CONTROL DATA MULTIPLE DISK DRIVE

BM1A5

THEORY OF OPERATION DIAGRAMS MAINTENANCE AIDS WIRE LISTS



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PREFACE

All available customer engineering installation, operation, and maintenance information for the CONTROL DATA® BM1A5 Multiple Disk Drive is in three manuals.

> General Description, Operation, Installation and Check-Publication No. 70602400

out, Maintenance

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Publication No. 70601900 Illustrated Parts List

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TABLES

4-1 Input/Output Lines 4-4



Information for these sections is included in BMIA5 Multiple Disk Drive
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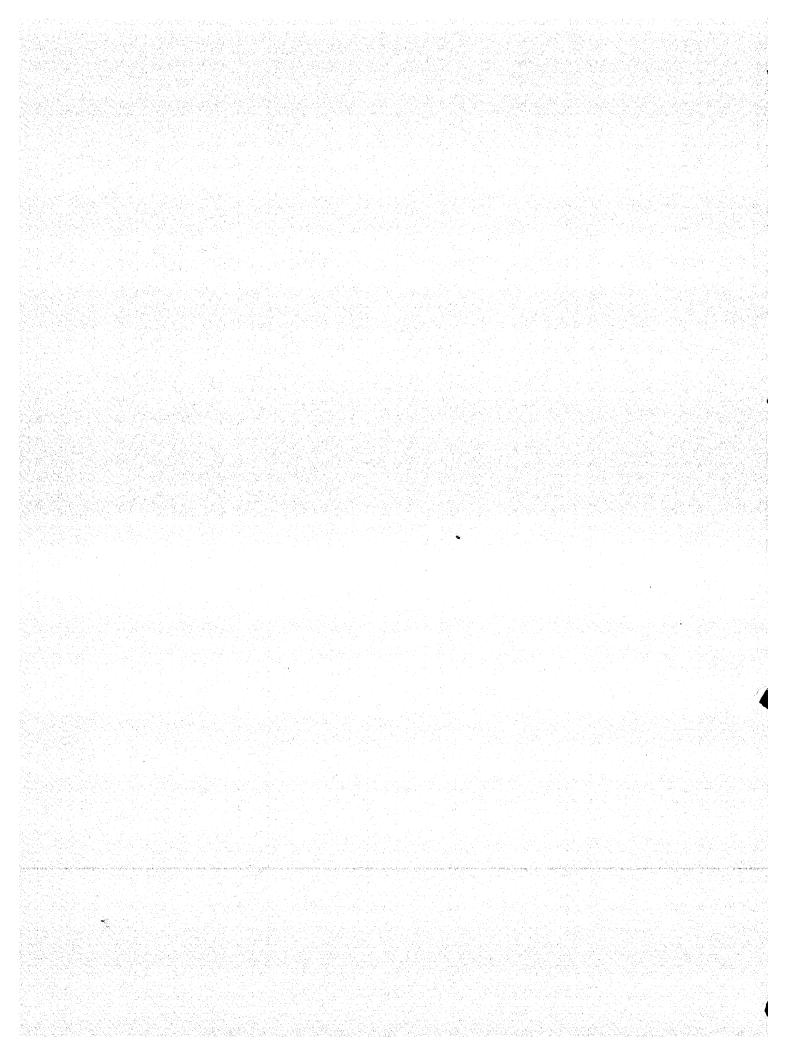
SECTION 1 GENERAL DESCRIPTION

SECTION 2
OPERATION

SECTION 3
INSTALLATION AND CHECKOUT

SECTION 4

THEORY OF OPERATION



THEORY OF OPERATION

Theory of operation for the MDD is divided into three parts. The first part considers the MDD in terms of the functions it performs and the signals exchanged with the controller. The second part relates the major assemblies of the MDD to the previously discussed functions. The last part deals with the disk pack which is physically not a part of the MDD, but figures functionally in all MDD operations.

FUNCTIONS

Overall capabilities of the MDD are best described by examining the functional blocks of activity performed by a deck of the MDD. The functions are as follows:

First Seek

Direct (Forward or Reverse) Seek

Return to Zero Seek (RTZS)

Read/Write/Erase

Each of these functions is further described by flow charts and timing diagrams in Section 5 of this manual.

The above functions are performed by each deck of the MDD. Normal operation is such that a controller will generally be directing the functional activities of more than one deck. Figure 4-1 shows the method of selecting and gating input/output data to a particular deck. Figure 4-2 details the sequence of events that establishes the link and gating. The signals that are then exchanged are described in Table 4-1 and are shown relative to a point of origin on Figure 4-3.

FIRST SEEK

This function involves the activities that a deck must perform before it can effectively respond to a read, a write, or a seek command from the controller. This function consists mainly of power supply relay sequencing and status checking by the deck logic.

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As a result, no actual selection of the deck is required and very little MDD/controller signal exchange occurs. Successful progression of the function assumes that power supply circuit breakers for the deck are on, power supply DC/OFF switch for the deck is set to DC, power supply fuses are operational, related filter box panel UNIT POWER circuit breaker is on, START indicators for deck are lighted, disk pack is installed on spindle of deck, and the sector sensor is engaging the disk pack sector disk.

Initiation of the function occurs when the controller makes sequence power available to the power supply for the deck. Sequence power causes the power supply relay K01 (K101 for lower deck) to energize and the power supply performs a Power-On sequence (refer to Power Supply under Assemblies in this section for a detailed description).

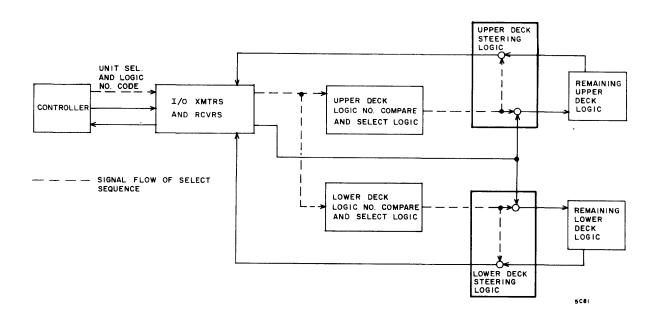


Figure 4-1. Input/Output Signal Gating - 2X Cabinet

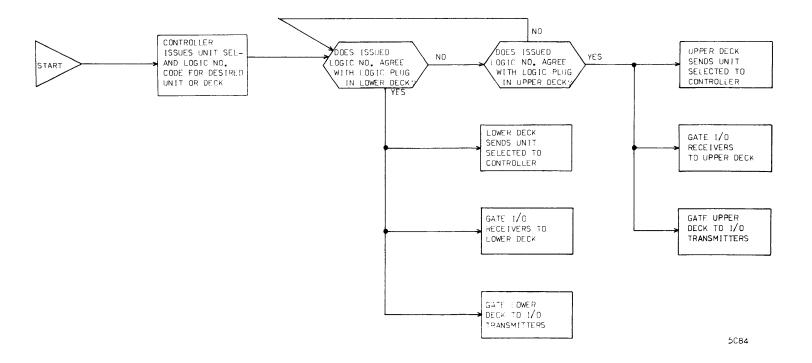


Figure 4-2. Select and Reserve Sequence

TABLE 4-1. INPUT/OUTPUT LINES

SIGNA	AL .		FUNCTION			
Bidirection Address an		is coup influen inform interpr below t	ation carried by the bidirectional lines bled by five select (tag) signals. The cing tag signal must be known before ation on a bidirectional line can be reted. The five tag signals are defined under Input Lines. The information d by each tag signal is as follows:			
Address/ Control bus	Read Cylinder Select, Difference Select, or Cylinder Select	Head Select	Control Select			
Bit 0	1	1	Write Gate - A "1" input on this line enables the write drivers.			
Bit 1	2	2	Read Gate - A "1" input on this line enables the digital read data line.			
Bit 2	4	4	Seek Forward - A "1" input on this line initiates forward carriage movement.			
Bit 3	8	8	Not Used			
Bit 4	16	16	Erase Gate - A "1" input on this line initiates reverse carriage movement.			
Bit 5	32	Not Used	Seek Reverse - A "1" input on this line initiates reverse carriage movement.			
Bit 6	64	Not Used	Return to Zero - A ''1'' input on this line initiates carriage movement to cylinder 00.			
Bit 7	128	Not Used	Not Used			

TABLE 4-1. INPUT/OUTPUT LINES (Cont'd)

SIGNAL	FUNCTION
out Lines	
Read Cylinder Select	A "1" input on this line enables the address and control lines transmitter of the selected deck. Information transmitted to the control unit through these lines is the current cylinder address.
Difference Select	A "1" input on this line indicates that the address and control lines contain the difference address from the control unit. This address is the difference between the control unit's current cylinder request and the selected deck's present cylinder location.
Cylinder Select	A "1" input on this line indicates that the address and control lines contain the control unit's current cylinder request.
Head Select	A "1" input on this line indicates that the address and control lines contain the head select information.
Control Select	A "1" input on this line indicates that the address and control lines contain control information.
*Unit Select	This signal is preceded by a Logic Number transmission. A "1" input on this line initiates the select sequence (assuming the unit is ready) in the unit whose logic number corresponds to the number currently on the four Logic Number lines. If the unit is ready, it returns a Unit Ready and a Unit Selected signal. If not ready, the unit returns a "0" on the Unit Ready line.

TABLE 4-1. INPUT/OUTPUT LINES (Cont'd)

SIGNAL	FUNCTION
*Logic Number lines (4)	A transmission on these lines is accompanied by a Unit Select signal. The unit with the logic number corresponding to the digital number transmitted on these four lines initiates a select sequence (assuming the unit is ready and available) when a Unit Select signal is transmitted. If the unit is ready and available, it returns a Unit Ready and a Unit Selected signal. If not ready and/or available, the unit returns a "0" on the Unit Ready line.
*Clear	This line enables an unrestricted reset of the unit select condition.
Release	A "1" input on this line clears the Reserve and Compare Enable flip-flops in the selected unit.
Write Data	Carries information to be written from the control unit to the selected deck.
Output Lines	·
Read Data	Carries digital information read from a disk to the control unit.
On Cylinder	Indicates that the positioning mechanism of the selected deck has stopped and the read/write heads have reached the addressed cylinder.
Seek Error	A "1" output indicates that the selected deck was unable to complete a seek operation to the point of an On Cylinder signal to the control unit. A Return to Zero command sent to the unit indicating a seek error clears the Seek Error condition, returns the heads to cylinder 00, and enables an On Cylinder signal to be sent to the control unit.

TABLE 4-1. INPUT/OUTPUT LINES (Cont'd)

SIGNAL	FUNCTION
Unit Selected	This signal is a response to the receipt of a Unit Select and a Logic Number signal combination. A "1" output indicates that the unit is available. A "0" signal indicates that the unit is not ready (see Unit Ready signal). The control unit checks that a Unit Selected signal is not received from more than one unit at a time.
Index	Provides a track reference mark from the selected deck to the control unit. This mark occurs once for each revolution of the disk pack
Pack Unsafe	A "1" output indicates that the selected deck has one or more fault conditions. Write and erase currents are inhibited by the presence of any of the conditions. The conditions include:
	 More than one head selected. Read and write gates up at the same time. Read and erase gates up at the same time. Erase and no write driver on. Erase and both write drivers on. One or both write drivers on and no erase driver on. Read, write, or erase gate on and not On Cylinder. Low voltage situation that could cause a loss in control of write and erase currents.

TABLE 4-1. INPUT/OUTPUT LINES (Cont'd)

SIGNAL	FUNCTION
*Unit Ready	This signal is a response to the receipt of a Unit Select and a Logic Number signal combination. A "1" output is present if both of the following conditions are satisfied: 1. Disk pack installed, spindle motor up to speed, and heads loaded. 2. Related Logic Chassis Maintenance panel ON LINE/OFF LINE switch set to ON LINE.
*Seek Complete or Seek Error	Indicates that the unit has completed (Seek Complete) or is unable to complete (Seek Error) the previously addressed seek. This is an interrupt line transmitted with or without the unit being selected. The signal is a 1 µsec "1" pulse which is initiated by an On Cylinder condition (Seek Complete) or or if the unit is unable to complete a seek (Seek Error).

^{*}This signal is not gated by the Unit Selected signal.

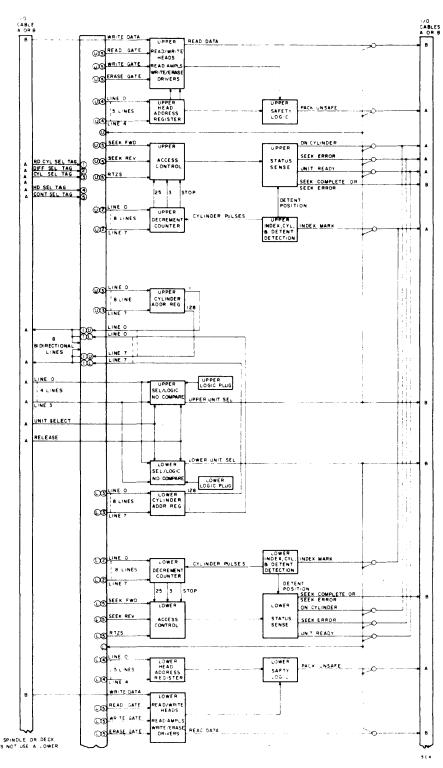


Figure 4-3. Block Diagram - 2X Cabinet

Power is applied to the brush and spindle drive motors during the Power-On sequence. Application of power to the brush motor starts a 60-second (approximately) disk cleaning cycle. When the disk pack speed reaches 2000 rpm, the power supply relay K05 (K105 for lower deck) energizes to provide sequence power to the next deck. Actuator solenoid power also becomes available, causing the detent pawl to disengage and the actuator to access forward at 2 ips to the hydraulic home position.

Transfer of the brush switch contacts at the end of the brush cycle sets the Forward Latch (FF). This causes the actuator to perform a forward fast access that mechanically loads and latches the read/write heads. The transferring contacts of the heads loaded switch sets the RTZS FF which clears the Forward Latch. The actuator responds by performing a reverse fast access to the hydraulic home position. A 300-ms delay (started when the RTZS FF was set) circuit clears the RTZS FF which in turn sets the Forward Latch, Intermediate, and Slow FF's. This causes the actuator to access forward at 2 ips until the logic senses the leading edge of the first track (track 00) pulse. The track pulse sets the Detent FF and releases the detent pawl. The output of the detent transducer is now observed and 5 ms after the pawl engages the detent gear, the deck sends an On Cylinder signal to the controller. (A seek Error signal would have been sent instead if a 600-ms delay, starting when the heads loaded switch transferred, had timed out.) The deck is now ready to perform a Read, a Write, or a seek (Direct or RTZS) operation. Such an operation must be preceded by the selecting sequence covered previously (Figures 4-1 and 4-2).

DIRECT (FORWARD/REVERSE) SEEK

The Direct Seek function involves those operations that must be performed to move the read/write heads from their current track or cylinder location to the one specified by the controller. This function must be preceded by the selecting sequence (Figure 4-1 and 4-2) unless the deck is already selected. Assume that the desired deck just completed a First Seek and is awaiting further instruction at track 00. Assume further that the controller wishes to do a Read or a Write operation at track 88. When the controller determines that the deck is selected and ready, it issues a Cylinder Select signal. This signal gates the content of the deck Cylinder Address register (00) to the controller via the bidirectional lines (content of the register always preset to 00 during

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a First Seek or RTZS). The controller then calculates the difference between the decks current and desired location and sends a Difference select that gates the seek length (88 tracks) into the decrement counter of the deck (again via the bidirectional lines). The controller now uses a Cylinder Select and the bidirectional lines to gate the address of the desired cylinder (88) into the deck Cylinder Address register. This is followed by a Sector Select that enters the sector address into the deck Sector Address register. Next the controller sends a Head Select signal that gates the number corresponding to the desired read/write head into the Head register. The last address and control exchange involves the Control Select signal that gates a "1" to the deck on bit 2 (Seek Forward) of the bidirectional lines.

The Seek Forward pulse causes an Any Seek pulse. (A Seek Reverse pulse would also cause the Any Seek, but in addition would have cleared the Forward Latch.) Any Seek transfers the content of rank I of the decrement counter (88) to rank II and clears the Detent FF. The hydraulic actuator responds by applying pressure to the detent pawl. As soon as the detent pawl clears the detent gear, forward motion begins. As each track is crossed, the cylinder transducer generates a track pulse. The trailing edge of each of these pulses decreases the content of the decrement counter by one. Motion velocity is controlled according to the content of the decrement counter, and since this content is in excess of 26, the actuator performs a forward fast access. Fast access (26 ips) continues until the decrement counter content equals 25 tracks remaining. At this time the counter output decoding logic sets the Intermediate FF, and the hydraulic actuator continues the access in the forward intermediate mode (7 ips). When the decrement counter content indicates three tracks to go, the Slow FF sets. This causes the actuator to reduce speed to 2 ips and continue the access at a forward slow rate. When the tracks remaining have been reduced to one, the output of the cylinder transducer detection logic is gated such that the leading edge of the next track pulse sets the Detent FF. This causes the hydraulic actuator to release the spring-loaded pawl. (If this were a Reverse Seek, the Forward Latch would set as a result of the Detent FF setting. Setting the Forward Latch would cause carriage motion to change direction and allow the detent pawl to engage the gear in the same manner as for a Forward Seek.)

Five ms after the detent transducer indicates that the detent pawl has engaged the detent gear, the deck sends an On Cylinder signal to the controller. (If the period during which the pawl was disengaged from the detent gear had exceeded 600 ms, a

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Seek Error signal would have replaced the On Cylinder signal.) The deck is now ready to perform a Read, a Write, or a Seek (Direct or RTZS) operation.

RETURN TO ZERO SEEK (RTZS)

The RTZS functions allow a controller to return the read/write heads to track 00 when a Seek Error signal occurs. This function must be preceded by the selecting sequence (Figures 4-1 and 4-2) unless the deck is already selected. The controller responds to a Seek Error signal from a deck by sending a Control Select tag that gates a "1" on bit 6 (RTZS pulse) of the bidirectional lines to the afflicted deck.

The RTZS pulse sets the RTZS FF and causes an Any Seek pulse. The Any Seek pulse clears the Detent FF causing the hydraulic actuator to apply hydraulic pressure to the detent actuator. The pressure overrides the force of the pawl spring and the carriage is free to be moved. The set output of the RTZS FF causes the following events:

Clears decrement counter

Clears Cylinder Address register

Clears Forward Latch

Initiates a 300-ms delay circuit

Establishes a tracks-to-go greater than 26 signal (T>26)

With the Forward Latch cleared and a T>26 situation, the actuator enters into a fast reverse access toward the rear stop (cushioned hydraulically). When the 300-ms delay times out, the RTZS FF clears and the T>26 signal drops. The clear output of the RTZS FF sets the Forward Latch, Intermediate, and Slow FF's. The hydraulic actuator responds to this activity with a slow forward (2 ips) access. As soon as the leading edge of the first track pulse occurs, the Detent FF sets and the actuator removes pressure to the spring-loaded detent pawl. Five ms after the detent transducer indicates that the detent pawl has engaged the detent gear, the deck sends an On Cylinder signal to the controller. (If the period during which the pawl was disengaged from the detent gear had exceeded 600 ms, a Seek Error signal would have replaced the On Cylinder signal.) The deck is now ready to perform a Read, a Write, or a Seek (Direct or RTZS) operation.

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READ/WRITE/ERASE

An On Cylinder signal indicates to the controller that the selected MDD deck has completed a seek operation and is awaiting further instruction. If, however, the controller initiated a seek operation in one deck and then in the interim selected another deck, the first deck would make its status known via the On Sector interrupt signal. In the latter case, the controller would be required to precede a Read or a Write operation with the selecting sequence (Figures 4-1 and 4-2). The following paragraphs cover the sequence of events involved in a Read or a Write operation.

A Write operation actually begins before the hydraulic actuator positions the heads to the desired track: the Head Select tag gates the identifying number of the head to be used into the Head Address register. When the seek is completed or a seek error is discovered, the deck sends a Seek Complete or Seek Error interrupt signal. If the controller has selected another deck in the mean time, this deck will standby until it is reselected by the controller. In any case the controller will examine the Seek Error and On Cylinder lines. If a Seek Error exists, a RTZS pulse will clear it. If an On Cylinder exists, the controller responds with a Control Select tag that gates the Read Gate signal (bit 1 of the bidirectional lines) to the deck. Read Gate enables the read circuit logic to function with the previously selected head. As each record of data on the disk pack is reached, the address is read from the Read Data line and compared by the controller with the address of the desired record. (Refer to Section 5 of this manual for detailed information relative to the read/write format.) When the controller is satisfied that the desired record is being read, it drops the Read Gate and gates in the Write Gate and Erase Gate (bits 0 and 4 of the bidirectional lines) with the Control Select tag. This disables the read circuit and enables the write circuit, and data from the controller is written via the Write Data line onto the disk pack record. The Erase Gate signal enables erase current to the erase coil during the Write operation to ensure a clear writing surface.

A Read operation is performed in much the same manner as the Write operation. The difference is that the Write Gate and Erase Gate signals are never enabled (Read Gate stays on throughout the entire record).

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ASSEMBLIES

POWER SUPPLY

Each MDD cabinet has a self-contained power supply accessible via the rear door and located behind the swingout logic chassis. The power supply provides a fixed output voltage of +40Y volts for use by the solenoids on the deck assemblies. It also provides adjustable output voltages of +40 vdc (to read/write logic), ± 20 vdc (to logic), and +6 vdc (to logic). Each voltage is duplicated within the power supply, so that the voltage can be distributed separately to the upper deck and the lower deck or to row A and row B of the logic chassis.

Basic on/off power control and monitoring is provided at the front panel of the assembly. The front panel is hinged so that access can be gained to adjust or perform maintenance. The assembly is cooled by fans located on the top surface of the chassis.

AD/DC Distribution (Figure 4-4)

Input power is applied through the closed contacts of the MAIN POWER circuit breaker (on filter box panel) to the primary of transformer T01. The presence of the primary input power at the power supply is indicated by the power supply MAIN BREAKER indicator.

The input power is applied directly to the cooling fans in the power supply and the logic chassis. Input power will also be applied to the blower in the lower part of the cabinet, but only when the power supply BLOWER circuit breaker is set to ON. All other distribution of ac power is delayed until during the power-on sequence (described in a later paragraph).

Figure 4-4. Power Supply - AC/DC Distribution

The dc power distribution begins with the application of main input power to the primary of T01. Voltages developed across the secondary windings are applied to five rectifier/filter circuits. Each of these circuits develops a separate dc voltage. Through the use of variable transformers, four of the five voltages are adjustable (+40Y solenoid power is not adjustable). The +20Y voltage is immediately available when T01 is energized. This voltage is distributed to the operator panels and the pack on and sector in-place switches. The voltage is required to determine the status of these elements during a power on sequence. Distribution of the other dc voltages is controlled by circuit breakers and/or relay contacts.

Power-On Sequence

Power application to a deck is sequenced up by relays in the power supply (Figure 4-5). Sequencing is required to prevent damage to read/write heads and/or disk packs.

A normal on line, power-on sequence begins when switch S501 on the operator panel is pressed (actuating power supply panel START switch will also start the sequence). The progression of the sequence assumes that all power supply circuit breakers are on, that all power supply fuses are operational, that the power supply DC/OFF switch is set to DC, that a disk pack is installed, that the deck drawer is closed, and that sequence voltage to relay K01 is available.

NOTE

Although steps 1 through 3 occur prior to actuating S501, they should be considered a part of the power on sequence.

- 1. When filter box MAIN POWER circuit breaker was set to ON, +20Y voltage became available (Figure 4-4).
- 2. When controller issued sequence voltage, K01 energized via pick line (Figure 4-5). The +20Y voltage was applied to solid-state switches SSW01, SSW02, and SSW03 (Figure 4-4). This enabled the solid-state switches to conduct their respective phase of ac power. The upper deck drive motor and time meter started.

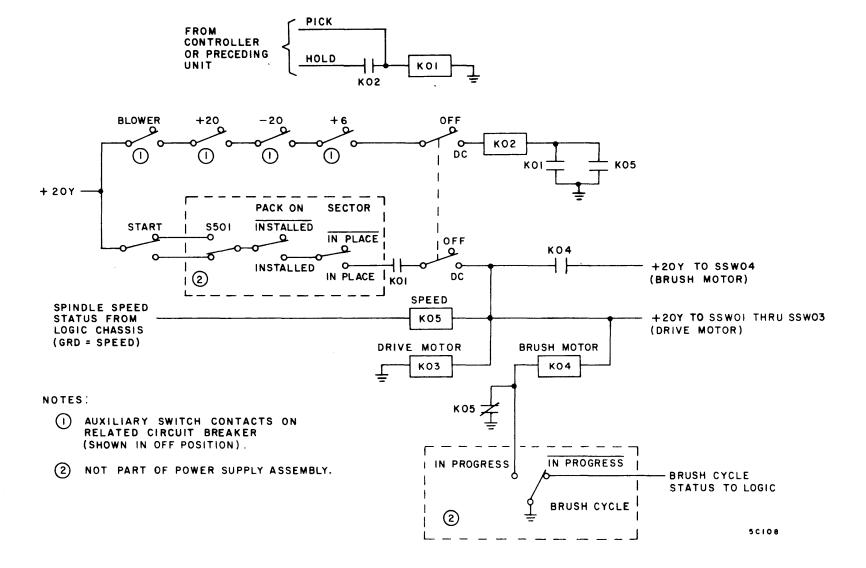


Figure 4-5. Power Supply - Sequencing (Upper Deck Only)

- 3. With circuit breakers on and DC/OFF switch set to DC, the closing contacts of K02 caused the following:
 - a. Distributed +6, +20, and -20 vdc to the A row of the logic chassis.
 - b. Applied holding current to armature of relay K01.
- 4. Press operator panel switch S501 (or actuate power supply START switch).
- 5. The +20Y voltage energizes K03 (K05 does not energize because spindle speed is zero).
- 6. The +20Y voltage also energizes relay K04. Closing contacts of K04 cause +20Y voltage to be applied to SSW04. The solid-state switch conducts ac power and the brush motor starts. Brush cycle switch transfers to the inprogress position.
- 7. When the logic chassis detection circuit determines that the spindle speed is adequate, K05 energizes. The contacts of K05 cause the following:
 - a. The +40 voltage is distributed to the read/write logic on the upper deck (Figure 4-4).
 - b. The +40Y voltage is distributed to the solenoids on the upper deck (Figure 4-4).
 - c. One of the grounds to K04 is removed, but K04 does not de-energize since the brush cycle is still in progress.
- 8. As the disk pack cleaning brushes return from sweeping the disk surfaces, the brush cycle switch is mechanically transferred and de-energizes K04. This removes the enabling +20Y voltage to SSW04, and ac power to the brush motor is dropped.
- 9. Completion of the brush cycle allows the start of the First Seek (load heads) function. Upon completion of the First Seek operation the deck is ready to respond to commands from the controller.

Power-Off Sequence

A power-off sequence begins when the operator panel switch S501 is pressed (Figure 4-5). The sequence is as follows:

1. Press S501 (actuating power supply panel START switch will also initiate the sequence).

- 2. Relays K03, K04, and K05 de-energize. Contacts cause the following:
 - a. K05 contacts disable +40 volts to read/write logic.
 - b. K05 contacts disable +40Y voltage to hydraulic actuator solenoids and head latch solenoid. Read/write heads unload and the reverse biased (hydraulically) carriage moves in reverse to retracted stop at 2 ips (see Hydraulic Operations, Section 4 of this manual).
 - c. K05 contacts also provide a path to ground for relay K04 in preparation for next power-on sequence.
 - d. The application of the +20, -20, and +6 voltages to logic chassis will continue until the occurrence of one of the following: K01 drops because sequence voltage was removed at controller, or K02 drops because of either the actuation of a power supply switch or breaker (DC/OFF, +20, -20, +6, BLOWER) or removal of cabinet input power.

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LOGIC CHASSIS

The logic chassis assembly consists of a logic card section, a maintenance panel, and an input/output connector panel. The assembly is accessible through the rear door and is located at the top of the cabinet. The assembly is mounted on hinges to allow access to the power supply assembly. Three fans are mounted along the lower surface of the assembly. These fans are energized whenever the filter box circuit breaker is on, and they provide cooling air to the logic card section. The back cover of the entire assembly can be removed (four half-turn fasteners) to gain access to components and wiring.

The logic card section contains the bulk of the SPL logic cards used in the cabinet (four cards are located on each deck assembly). The vertically mounted cards are installed in two rows (A top row and B bottom row) at numerically identified locations. Refer to Section 5 of this manual for a description of the logical functions performed by the cards. Section 9 contains a tabulation of the wiring connections in the chassis.

The maintenance panel contains a set of test point jacks, switches, and an indicator for each deck in the cabinet. These components function primarily to isolate the occurrence of a fault on the related deck. Specific information on each control or indicator of this panel is provided in the Operation section for this equipment (see Preface of this manual for publication number).

Connectors located on the input/output connector panel are involved only with signals exchanged between a deck and the controller. Refer to Table 4-1 for a description of these signals. The Installation and Checkout section for this equipment covers cabling and I/O connector pin assignments (see Preface of this manual for publication number).

DECK ASSEMBLY

The deck assemblies (Figure 4-6) are responsible for the dynamic operations of an MDD: driving the disk packs, and loading and positioning the read/write heads. The deck assembly consists of a deck plate on which are mounted a drive motor assembly, a spindle assembly, a hydraulic pump, a carriage and carriage mount, three transducers, a disk cleaner assembly, and a hydraulic actuator.

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The deck assembly mounts in the MDD cabinet on a drawer mechanism. The drawer may be extended out the front of the cabinet to load a disk pack, or extended out the rear of the cabinet for maintenance purposes.

Drive Motor Assembly

The drive motor drives the spindle assembly and the hydraulic pump. The motor is an induction type, 3/4-hp unit. The motor is secured to a mounting plate which bolts to the underside of the deck plate. Power is transferred via a flat, smooth-surfaced belt that threads over the pulleys of the spindle, hydraulic pump, and drive motor. A spring-loaded idler pulley maintains a constant tension on the belt.

The temperature of the motor is monitored by a thermal protection switch. To restore operation after an over-temperature condition, the red, 1/4-inch button on the top end of the motor must be manually reset (pressed).

Spindle Assembly

The spindle assembly is the physical interface between and MDD deck and a disk pack. The conical surface of the spindle cone (Figure 4-7) mates directly with the coneshaped opening in the center of the disk pack.

Starting in the spindle cone and running through the center of the spindle assembly is the vertically free-floating lockshaft. The upper end of the lockshaft contains internal threads that engage the external threads of a stud projecting from the disk pack. When the disk pack cannister cover handle is rotated clockwise, the spring-loaded lockshaft is pulled upward and the disk pack is pulled down. As a result, the conical surfaces of the disk pack and the spindle cone are engaged by a force of approximately 200 pounds. A clutch mechanism protects the lockshaft from damage that could occur from over tightening the disk pack. When the disk pack is fully engaged, a released mechanism in the canister handle frees the canister from the disk pack.

A notched lock wheel secures to the bottom surface of the drive pulley. The notches of the wheel are engaged by the tip of the spindle lock pawl (Figure 4-6) when the deck drawer is open. This locks the spindle, making it easier to install or remove a disk pack. Opening the drawer of an operating deck will cause a loud ratcheting noise (such action, while not recommended, will not cause damage). The spindle lock mechanism can be overridden if deck operation is required with the drawer open

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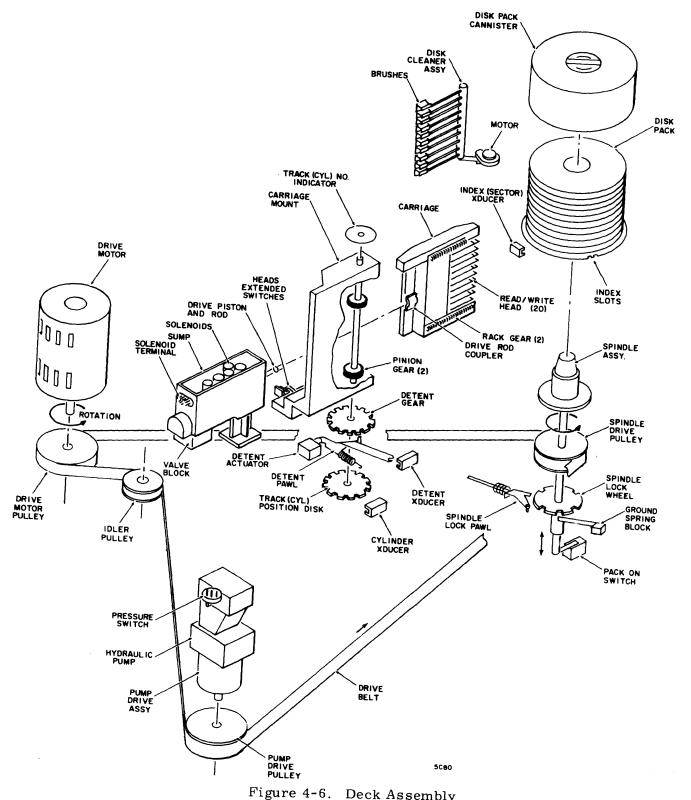


Figure 4-6. Deck Assembly

(refer to Figure 2-2). Closing the drawer will cancel the override. The spindle drive pulley is driven by a flat belt linking it to the drive motor pulley.

The Pack-On switch and ground spring are mounted at the lower end of the spindle assembly. The ground spring block is mounted so that it is always in contact with the ground sleeve. The Pack-On switch contacts transfer in response to the vertical movement of the lockshaft. When the shaft is up (disk pack mounted), the contacts are closed. When a pack is not installed, the shaft moves downward to deflect the switch actuator and transfer the contacts.

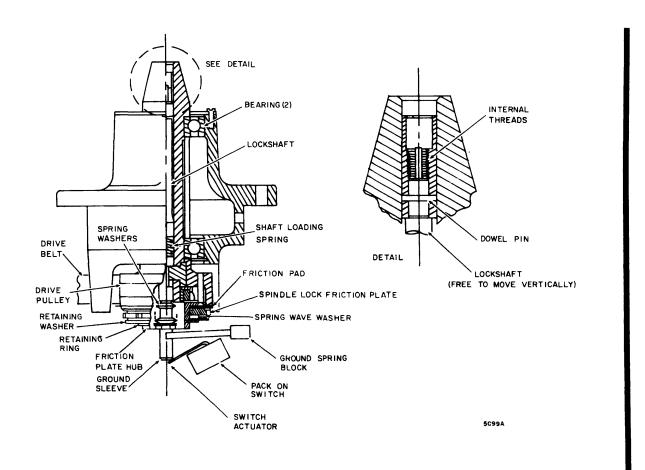


Figure 4-7. Spindle Assembly

Hydraulic Pump

The hydraulic pump is a positive-displacement type device capable of delivering 0.67 gpm at a nominal pressure of 200 psi.

The pump is located on the top of and at the rear of the deck assembly. The pump is seated on the pump drive assembly which functions to extend and couple the pump shaft through the deck to the pump drive pulley. A flat belt driven by the drive motor turns the pump.

The input and output hydraulic connections at the pump both originate at the hydraulic actuator. The hydraulic fluid pump and all pressure control valves are located in the hydraulic actuator.

A pressure sensing switch is installed on the pump output line. The switch transfers at a nominal output of 10 psi (approximately 50 rpm) and is used in conjunction with an operator panel indicator (see Section 2).

Carriage and Carriage Mount

The carriage and carriage mount (Figure 4-8) combine to form the vehicle that supports the read/write heads. Movement of the carriage, within the carriage mount, is controlled by the hydraulic actuator.

The carriage consists of an upper rail and a lower rail, separated by the receiver and the coupler plate. The rails contain bearing surfaces that interface with the various bearings and rollers of the carriage mount. Each rail has a rack gear that meshes with a pinion gear on the detent gear shaft (mounted vertically in carriage mount). The detent gear and the track position disk are mounted on the lower end of this same shaft. The ball tip of the hydraulic actuator drive rod is connected to the carriage by the drive rod coupler. When the hydraulic actuator extends or retracts the carriage, the detent gear shaft (and detent gear and track position disk) rotates.

The cylinder transducer senses the passing of the slots and lands of the rotating track position disk. From the center of one slot to the center of an adjacent land is recognized as a movement of one track. The transducer output causes the difference (decrement) counter content to decrease by one each time a track is crossed. When the logic determines that the next track to be crossed is the addressed track, it signals the detent solenoid to release the detent pawl. The spring-loaded pawl is drawn into the teeth of the detent gear and locks the carriage at the desired track. The detent transducer senses the pawl and gear engagement and signals the logic.

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A track indicator (top of detent gear shaft) provides a visual indication of the current track location of the read/write heads.

A head loading mechanism mounts between the receiver and the coupler plate. Operation of this mechanism and the heads loaded switches is covered in the following paragraph.

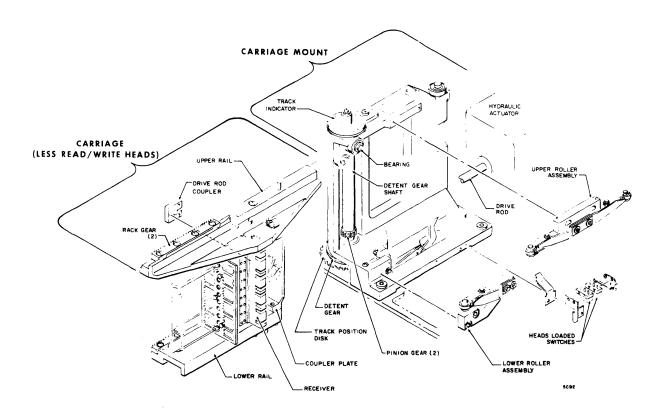


Figure 4-8. Carriage/Carriage Mount

Head Loading

The read/write heads must be loaded to the disk surfaces before exchanging data with the controller. The heads must be released from this position (unloaded) and driven clear of the disk pack when power is removed to the deck or the disk pack velocity falls below a predetermined rpm. The carriage components involved in these operations are identified in Figure 4-9.

Head loading amounts to applying spring pressure to the back of the read/write head so the aerodynamically shaped head face approaches the related disk surface. When the cushion of air that exists on the surface of the spinning disk is encountered, it resists the further approach by the head. Spring pressure is designed to just equal the opposing cushion pressure (function of disk pack rpm) at the required height. As a result, the head flies. However, if the spring pressure exceeds the cushion pressure (as would happen if the disk pack lost enough speed), the head will stop flying and contact the disk surface. This could cause damage to the head as well as the disk surface.

To prevent damage to the heads and/or the disk pack during automatic operation, loading occurs only after the disk pack is up to speed and the heads are over the disk surfaces. For the same reason, the heads unload automatically and are retracted if the disk pack rpm drops out of tolerance. During manual operations, heads should never be loaded on a disk pack that is not rotating, nor should heads be loaded without a disk pack being installed on the spindle. (The Maintenance section for this equipment provides instructions on how to disable the head loading mechanism.) Head loading is a part of the First Seek function. As power to the deck is sequenced up, the drive motor starts. This causes disk pack rotation, hydraulic pump operation, and a brush cycle (approximately 60 seconds). When the disk pack rpm reaches 2000, the extend solenoid (and head latch magnet) energizes and the carriage moves from the retracted position to the hydraulic home position. Upon completion of the brush cycle (brushes clear of disk pack), the hydraulic actuator forward solenoid energizes and the carriage moves forward toward the spindle and the forward mechanical stop. Head loading occurs during this forward motion.

The cam follower (part of carriage) moves along the head loading cam (part of carriage mount). When the follower encounters the up-ramp of the cam, the linkage rod assembly moves upward (Figure 4-9, part C). This causes each of the ten torsion rods to rotate which forces the 20 read/write heads toward the proper disk surface. The spring force of the torsion rod is opposed by the air layer on the disk surface and an equilibrium is attained with the heads flying over the disks.

As the carriage nears the spindle, the head load pawl enters the notch in the linkage and transfers the heads extended switch. The head latch magnet holds the pawl in the latched position until power (to magnet) is removed. Forward carriage motion continues until the cam follower contacts the head load cam latch. This contact frees the

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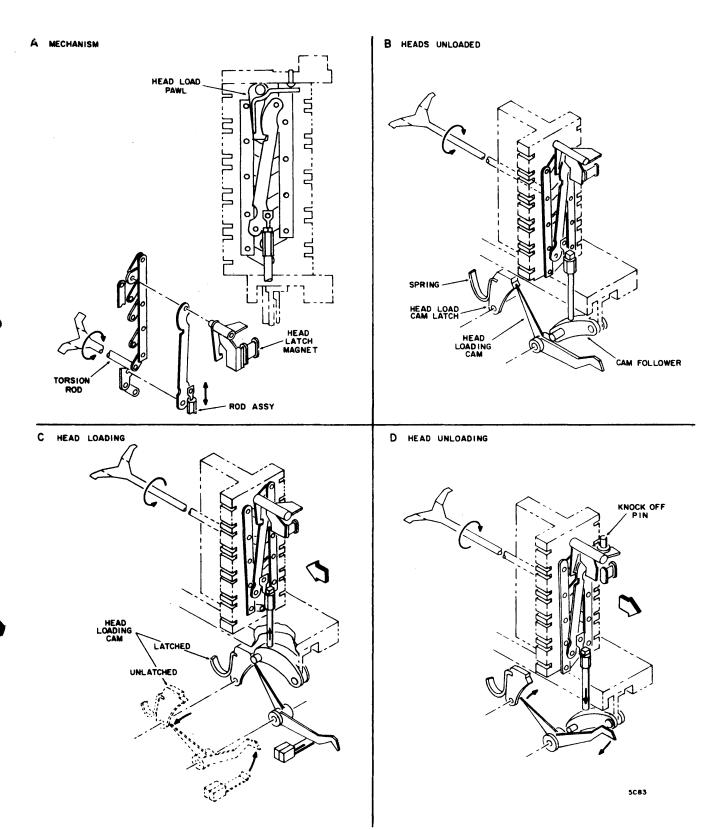


Figure 4-9. Head Loading Mechanism

end of the cam and it rotates downward to transfer the heads loaded switches. This transfer signals the logic that loading is complete and causes the carriage to be retracted and positioned to track 00. The heads remain loaded and latched until power is removed, the index (sector) transducer is displaced from sector disk of disk pack, or disk pack rpm drops below tolerance.

Head unloading (Figure 4-9, part D), occurs when solenoid power is removed to the head latch magnet. The head load pawl pulls out of the linkage notch, the torsion rods rotate to relieve the pressure to the back of the read/write heads, and the heads unload or move away from their respective disk surfaces. With solenoid power absent, the reverse biased (hydraulically) actuator moves the carriage toward the retracted mechanical stop. As the carriage moves in reverse, the linkage rod assembly pressing down on the cam follower pivots the head loading cam so that the tip (of cam) engages the head load cam latch. This relatching occurs as the carriage moves from hydraulic home to the retracted stop.

If the linkage malfunctions and fails to unload the heads, the upper roller assembly (Figure 4-8) contacts the knock off pin (Figure 4-9, part D). This contact forces the knock off pin downward to forcibly rotate the head load pawl clear of the head latch magnet pole face, the thereby unload the heads. The knock off pin is contacted by the roller somewhere between tracks -7 and -12.

Head/Arm Assemblies

Twenty head/arm assemblies are mounted on the carriage of each deck. A head/arm assembly consists of a read/write and erase coil package (head assembly) mounted at the end of a supporting arm structure.

The head assembly (Figure 4-10), which includes a cable and plug, is mounted on a gimbal ring which in turn is mounted on a floating arm. This method of mounting allows the head assembly to move (independent of the arm) tangentially and radially relative to a data track on the disk surface. Such motion is required to compensate for irregularities in the disk surface.

The arm structure consists of a floating arm secured to a heavier fixed arm. The end of the fixed arm opposite the head installs in the carriage receiver. The floating arm is the mounting point for the head and is necessarily flexible so that it can respond to

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the force applied (on load button) by the torsion rod/spring during head loading. Each tip of the Y-shaped torsion spring loads a head, moving one head up and one head down.

The freedom and mobility of the head are necessary elements to being able to function with interchangeable disk packs. During head loading the 10 torsion rods rotate in unison to flex the 20 heads toward the air cushion of the spinning disk surfaces. The force applied by the torsion spring causes the heads to fly or float on the air cushion. Vertical motion by a disk surface (due to warpage or imperfection) is countered by a move in the opposite direction by the gimballed head and/or the floating arm. As a result, flight height remains nearly constant.

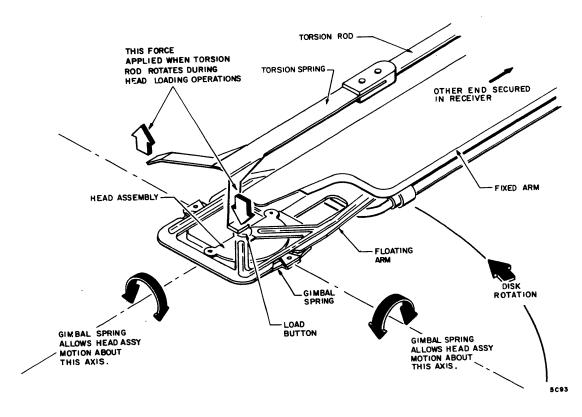


Figure 4-10. Head/Arm Assembly Motion

Transducers

Three transducers are used on each MDD deck: detent transducer, cylinder transducer, and index (sector) transducer. A transducer is a potted assembly consisting

of a primary coil and two secondary coils (Figure 4-11). The secondary and primary coils are separated by a notched and movable metal plate. The primary of the transducer is excited by a 187-kHz oscillator. When a notch (air gap) is between the secondary and primary windings, the output of the transducer secondary is maximum. The secondary output is minimum when the metal plate is between the windings. The secondary outputs drive a preamplifier card.

The related preamplifier card plugs into the transducer. The preamplifier output is processed in the logic chassis. The only adjustment required of this assembly amounts to repositioning the transducer relative to the slotted metal plate.

Detent Transducer

The detent transducer senses the location of the slot in the detent flag. When the detent pawl engages the gear, the slot is nearer to the bottom secondary coil (Figure 4-12). This causes the amplifier output to go negative. The preamplifier card filtering removes part of the 187-kHz signal. The detection circuit converts the negative signal to a "0".

If the detent pawl is disengaged from the gear, the flag slot moves nearer to the upper coil. This causes a positive amplifier output which is detected as a "1".

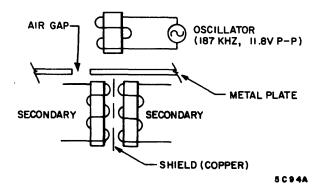


Figure 4-11. Transducer

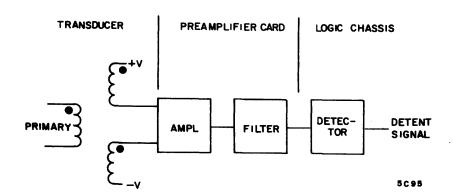


Figure 4-12. Detent Detection

Cylinder Transducer

The cylinder transducer senses slots in the edge of the rotating track position disk. The cylinder detection circuit (Figure 4-13) converts the analog output of the transducer to "1's" and "0's".

The slotted edge of the track position disk separates the primary of the transducer from the secondaries. As the disk rotates, the notches allow varying levels of coupling between the primary and the secondaries. Figure 4-14 shows rotational positions of the track position disk and the resulting cylinder detection. As the notch passes over secondary A, maximum coupling of the primary is possible and the output of secondary A is maximum. Since secondary B is covered by a land, coupling to the primary is minimum as is the output.

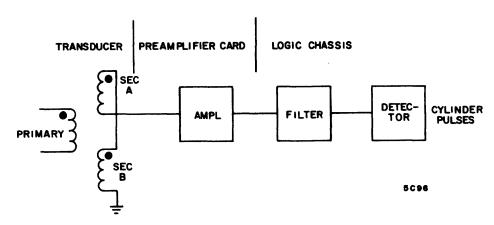


Figure 4-13. Cylinder Detection

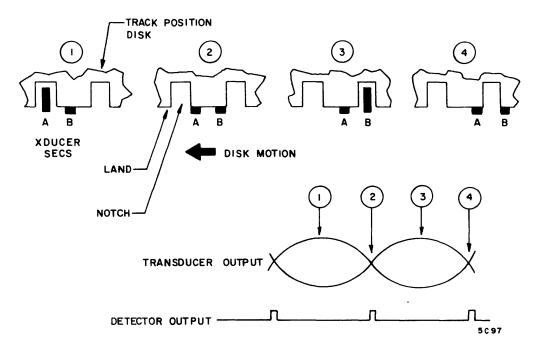


Figure 4-14. Cylinder Position Detection

As the disk rotates, both secondaries become covered by a land. Since the outputs are equal, the transducer output is a null.

Further rotation of the disk uncovers secondary B allowing maximum coupling and raising output B to the maximum. Since secondary A is now covered by a land, output A is a minimum.

Disk rotation continues until both secondaries are centered on a notch, but covered by a land. The outputs are again equal, so a null occurs in the output.

Each notch and each land nulls the transducer output. The detection circuit generates a pulse for each null in the transducer output.

Index (Sector) Transducer

This transducer senses notches in the edge of the sector disk (large disk at bottom of each disk pack).

Each notch on the sector disk causes a differential input to the preamplifier card amplifier (Figure 4-15). The detector generates a $55-\mu$ sec "1" pulse in response to each notch. These pulses are further processed by the MDD logic to determine if the disk pack speed is sufficient for continued operation.

All disk packs have two closely spaced notches called index. These notches indicate the beginning of a revolution of the disk pack. Some disk packs have, in addition to index, other notches equally spaced about the circumference of the sector disk. These notches are related to data organization on the disk pack.

Disk Cleaner Assembly

The disk cleaner assembly sweeps the disk pack recording surfaces free of any foreign materials. The sweep cycle occurs just before the read/write heads are loaded during the First Seek sequence.

The assembly consists of a motor, 10-comb-mounted brushes, a reset switch, motor to comb linkage, and a mounting base. The base mounts on the deck assembly and the brushes are pivot mounted on the base. Pivoting of the brushes is controlled by the motor, the linkage, and the switch. The motor is energized during the power on sequence and starts a 60-second (approximately) cycle. As the cycle proceeds, the brushes sweep toward the spindle until the linkage causes a reversal in direction. As the brushes return to the original position (clear of disk pack) the reset switch is encountered and transfers. This de-energized the Brush Motor relay and disables the motor.

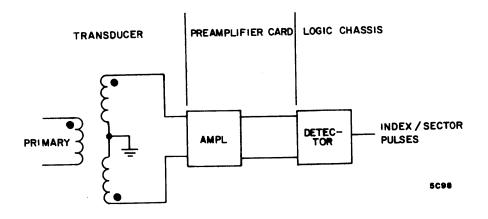


Figure 4-15. Index/Sector Detection

The brushes are mounted using a ball-slot detent mechanism. If power is dropped or lost during the brush cycle, the operator can override the detent and rotate the brushes clear of the disk pack so that the disk pack can be removed from the spindle. The brush cycle during the next Power-on sequence will be an incomplete cycle as the brushes automatically reset themselves. Subsequent cycles will be normal.

Hydraulic Actuator

The hydraulic actuator drives and locks the carriage mounted read/write heads to any one of 203 discrete positions or cylinders of data. Activity of the hydraulic actuator is regulated by five solenoid-controlled valves that direct the routing of hydraulic fluid. The solenoids are controlled from the MDD logic chassis. Hydraulic fluid at a pressure of approximately 200 psi is provided by the hydraulic pump.

The hydraulic actuator (Figure 4-16) consists of a piston and sump block in or on which are mounted a valve block, two hydraulic fluid filters, an extend piston, a drive piston, and five solenoid and valve combinations.

Valve Block

The valve block contains all valves and most of the related fluid passages of the unit. The block mounts directly under the sump chamber of the piston and sump block.

Filters

The two fluid filters are located in the sump portion of the piston and sump block. The primary filter is a large-particle screen in the pump suction outlet. The secondary filter removes smaller particles from a bypass flow originating when the slow solenoid is energized.

A third filter removes smaller particles and is located in the pump output pipe between the pump and the hydraulic actuator.

Extend Piston

The extend piston is located in the rear cylinder of two concentrically bored cylinders of the piston and sump block. This piston is hydraulically positioned to either the extend or the retracted position by the status of the extend solenoid. Whenever power

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Hydraulic pressure on the larger rear face of the piston drives it forward to a positive stop. This is the extended position, and the piston remains in this position until power to the deck is dropped. In the extended position the forward face of the extend piston functions as a hydraulically cushioned stop for the drive piston and also establishes the hydraulic home position for the carriage. When deck power is removed, the extend solenoid de-energizes, the spring-loaded valve opens, and the piston moves to the retracted position. As a result, the effective operating chamber for the drive piston is extended to the rear of the carriage and the carriage is retracted to a position where the heads are clear of the disk pack surfaces.

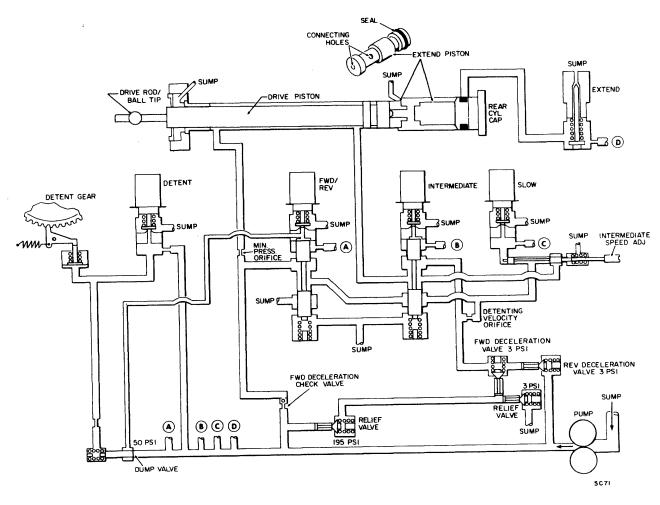


Figure 4-16. Hydraulic Actuator - Power Off

Drive Piston

The drive piston operates in the smaller forward cylinder of the piston and sump block. This piston connects, via the ball tip, to the movable carriage (mounting point of the read/write heads). The drive piston is constantly biased in the reverse direction by hydraulic pressure applied via the forward deceleration check valve and the minimum pressure orifice. Piston direction and rate of motion are controlled by three solenoids and valves.

Solenoids and Valves

The hydraulic actuator uses five solenoid and valve combinations. The function of the extend solenoid and valve was discussed previously.

The detent solenoid and valve controls the routing of hydraulic pressure to the detent actuator (not physically a part of the hydraulic actuator). When hydraulic pressure is available and the detent solenoid is de-energized, the pressure is applied to the detent actuator to pivot the detent pawl out of the detent gear. When the detent solenoid is energized, the related valve opens to vent pressure to the sump, and the detent pawl spring pulls the pawl into the gear.

Three solenoids and valves direct the routing of hydraulic fluid to the drive piston. All solenoid activity is controlled by signals originating in the logic chassis. The solenoids are located in the sump chamber of the hydraulic actuator and the control valves are located in the valve block. Electrical connections are via a solenoid terminal at the rear of the actuator. Each solenoid operates with at least one related valve. This valve is open when the solenoid is energized, and closed (spring-loaded) when the solenoid is de-energized. The forward/reverse, intermediate, and slow solenoids each control an additional spring-loaded spool. When the related solenoid is de-energized, system pressure from the hydraulic pump overrides the spring force and repositions the spool toward the spring.

Hydraulic Operations

The following paragraphs describe the configuration of the hydraulic actuator during the various operational phases.

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Power Off (Figure 4-16)

No power, electrical or hydraulic, is available to the deck during this phase. As a result, all spring-loaded valves or devices are positioned according to spring loading. The extend and drive pistons are in the retracted position. This positioning occurs during removal of power to the extend solenoid during the preceding power shut down. When the extend solenoid de-energizes, pressure to the rear of the extend solenoid is vented to the sump. Pressure still exists in actuator, even though the pump rpm is decreasing. The reverse biased drive piston under the influence of this pressure moves in reverse, pushing the extend piston ahead of it, to the retracted position.

Hydraulic Home (Figure 4-17)

Hydraulic home is the physical location established when the extend piston moves to the extend position. The actuator moves to hydraulic home at the beginning of each First Seek operation. It is the starting point for the forward motion required to load and latch the read/write heads. The sequence of events for this phase is as follows:

- 1. Hydraulic pump delivers pressure increasing toward 200 psi.
- 2. Increasing pressure and de-energized solenoids cause forward/reverse and intermediate spools to move downward and slow spool to move to right.
- 3. De-energized extend solenoid vents pressure to sump. Extend piston stays in retracted position (Figure 4-16).
- 4. When pump pressure reaches approximately 200 psi, detent actuator pivots pawl out of detent gear and relief valves begin controlling pressure.
- 5. When disk pack exceeds required speed, power is applied to extend solenoid. Vent to sump is blocked, pressure moves extend piston (and drive piston) to left, and heads move into disk pack to hydraulic home position.

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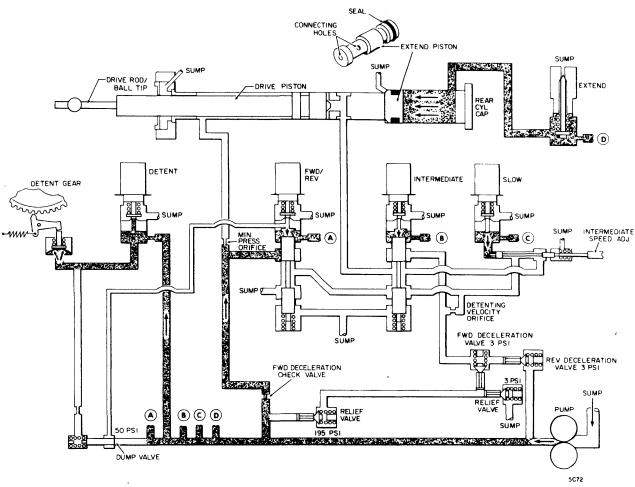


Figure 4-17. Hydraulic Actuator - Hydraulic Home

Detent (Figure 4-18)

The detent phase occurs at the end of each seek operation. The operation consists of removing pressure to the detent actuator so that the detent pawl spring pivots the pawl to engage the detent gear and lock the carriage to a track. The sequence of events for this phase is as follows:

1. During a First Seek or a RTZS operation, the detent solenoid energizes when the leading edge of the first track pulse is sensed as the carriage moves forward from hydraulic home (after the heads have loaded during First Seek). During a forward Direct Seek operation, the detent solenoid energizes when the leading edge of the first track pulse is sensed after the decrement counter indicates less than 2 tracks to go to the desired track. The forward/reverse solenoid remains energized.

During a reverse Direct Seek operation, the detent solenoid energizes when the leading edge of the first track pulse is sensed after the decrement counter indicates less than 2 tracks to go to the desired track. This causes the forward/reverse solenoid to energize. Changing the direction of carriage motion at this point allows the detent pawl to engage the gear in the same manner as for a forward seek.

- 2. Energized detent solenoid vents pressure to sump. Loss of pressure in detent actuator causes spring to pivot detent pawl into detent gear.
- 3. The 50 psi dump valve opens to vent system pressure to sump (via forward/reverse solenoid valve). This causes system pressure to drop to 50 psi and thereby prevents excessive heating of hydraulic fluid.
- 4. Slow solenoid remains energized.

Forward Operations

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The length of the seek determines the forward operations to be used. If the seek is in excess of 26 tracks when the forward/reverse solenoid is energized, the read/write heads move toward the center of the disk pack in the forward fast mode (26 ips). This rate of access continues until the logic determines that there are less than 26 tracks to go to reach the desired track. When this determination is made, the logic energizes the intermediate solenoid which causes the access to continue in the forward intermediate mode (7 ips). When the heads are less than four tracks from the desired track, the logic energizes the slow solenoid. This reduces the access rate to 2 ips (forward slow mode), which continues until the detent pawl engages the detent gear and stops the heads at the desired track. If the desired track is less than 26 tracks but more than 3 tracks from the current location, the intermediate solenoid is energized immediately. In this case the seek would consist of a forward intermediate mode, followed by a forward slow mode, and detent.

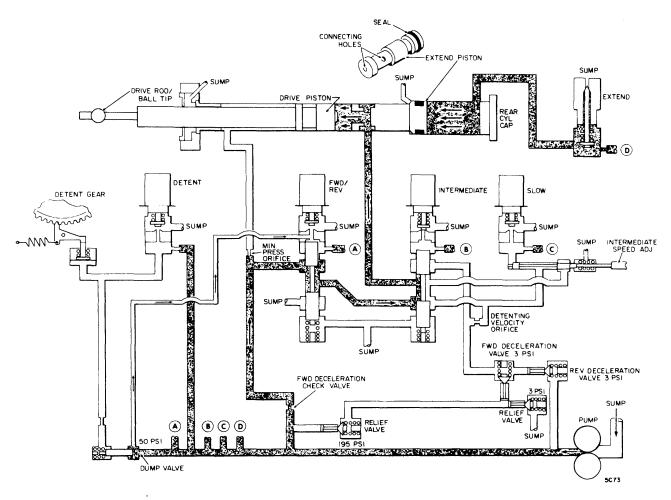


Figure 4-18. Hydraulic Actuator - Detent

For a seek of three tracks or less, both the slow and intermediate solenoids would energize immediately. The seek would consist of a forward slow mode followed by detent.

Forward motion is stopped by detenting, but there is a back-up method in the form of a mechanical stop.

Forward Fast Mode (Figure 4-19): The sequence of events for this mode is as follows:

- 1. With extend solenoid energized and detent solenoid de-energized, the forward/reverse solenoid energizes.
- 2. Open forward/reverse valve vents pressure to sump. Resulting pressure drop causes upward movement of spring-loaded forward/reverse spool.

NOTE

Pressures at left and right faces of drive piston are equal. Drive piston moves to left because area of face is greater

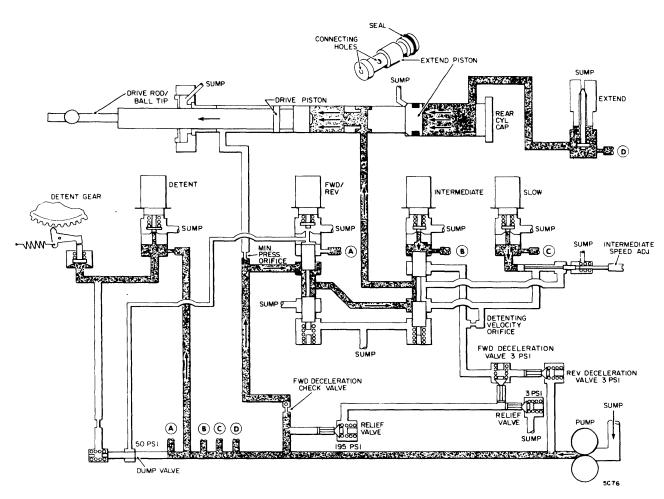


Figure 4-19. Hydraulic Actuator - Forward Fast

3. Hydraulic fluid flows through hole in extend piston causing drive piston to move left (forward) at 26 ips.

Forward Intermediate Mode (Figure 4-20): The sequence of events for this mode is as follows:

- 1. With extend solenoid energized and detent solenoid de-energized, forward/reverse and intermediate solenoids energize.
- 2. Open forward/reverse and intermediate valves vent pressure to sump. Resulting pressure drop causes upward movement of spring-loaded forward/reverse and intermediate spools.
- 3. Hydraulic fluid flows past forward/reverse spool and around intermediate spool. It then branches into parallel paths through detenting velocity orifice and slow spool, rejoining at and passing the intermediate spool. From here it passes through hole in extend piston causing the drive piston to move left at 7 ips.

Forward Slow Mode (Figure 4-21): The sequence of events for this mode is as follows:

- 1. With extend solenoid energized and detent solenoid de-energized, forward/reverse, intermediate, and slow solenoids energize.
- 2. Open forward/reverse, intermediate, and slow valves vent pressure to sump. Resulting pressure drop causes upward movement of spring-loaded forward/reverse and intermediate spools and slow spool moves to left.
- 3. Hydraulic fluid flows past forward/reverse spool and around intermediate spool. It then flows through detenting velocity orifice, past intermediate spool and out forward face of extend piston to rear of drive piston.
- 4. Drive piston moves left at 2 ips.

Reverse Operations

As with forward operations, the length of the seek determines the mode(s) required to complete the seek.

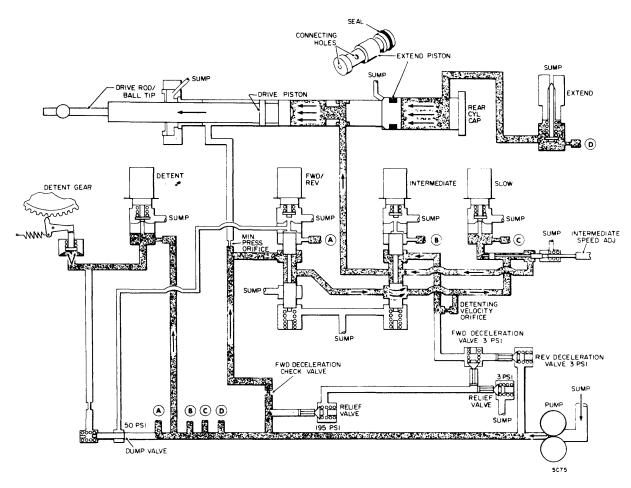


Figure 4-20. Hydraulic Actuator - Forward Intermediate

Reverse motion is stopped by switching to forward motion and then detenting or by the drive piston encountering the hydraulic cushion on the front face of the extend piston.

Reverse Fast Mode (Figure 4-22): The sequence of events for this mode is as follows:

- 1. With extend solenoid energized and detent solenoid de-energized, forward/reverse solenoid de-energizes.
- 2. Closed forward/reverse and intermediate valves cause line pressure to move related spools downward.

- 3. Hydraulic fluid at rear face (right end) of drive piston flows past intermediate spool and returns to sump at lower end of forward/reverse spool.
- 4. Hydraulic fluid flows through minimum pressure orifice to left face of drive piston and piston moves right at 26 ips.

Reverse Intermediate Mode (Figure 4-23): The sequence of events for this mode is as follows:

1. With extend solenoid energized and detent solenoid de-energized, forward/reverse solenoid de-energizes and intermediate solenoid energizes.

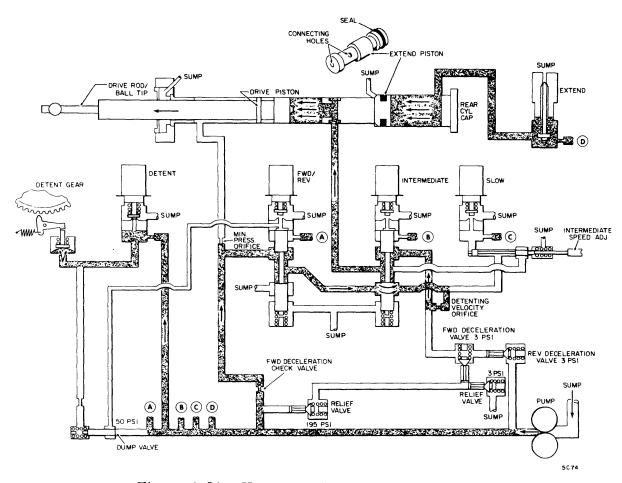


Figure 4-21. Hydraulic Actuator - Forward Slow

- 2. Closed forward/reverse valve causes line pressure to move related spool downward. Intermediate spool rises.
- 3. Hydraulic fluid at rear face of drive piston flows past intermediate spool and branches into two parallel paths past slow spool and through detenting velocity orifice. The paths rejoin to pass around the intermediate spool and vent to sump at forward/reverse spool.
- 4. Hydraulic fluid flows through minimum pressure orifice to left face of drive piston and piston moves right at 7 ips.

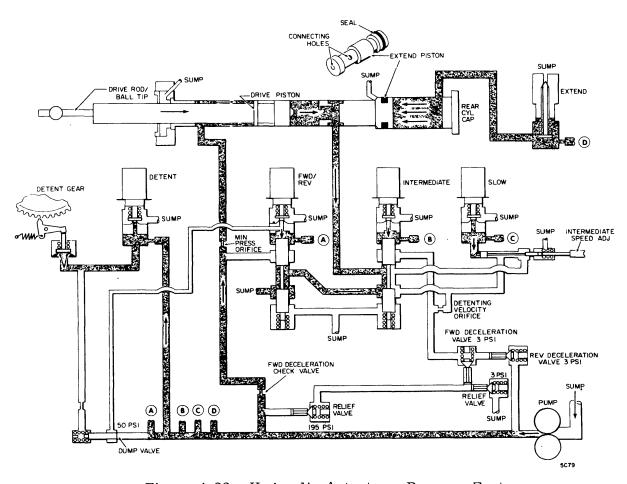


Figure 4-22. Hydraulic Actuator - Reverse Fast

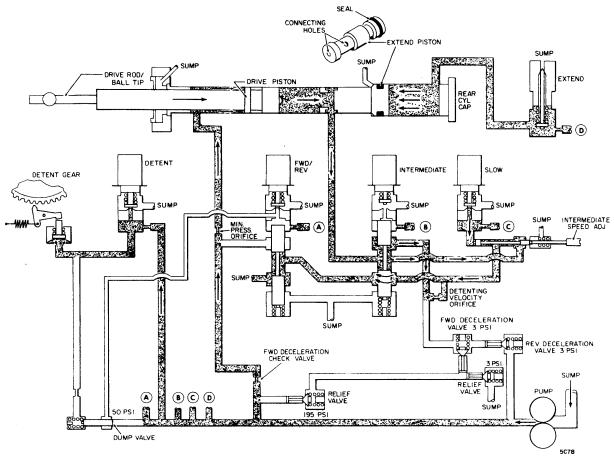


Figure 4-23. Hydraulic Actuator - Reverse Intermediate

Reverse Slow Mode (Figure 4-24): The sequence of events for this mode is as follows:

- With extend solenoid energized and detent solenoid de-energized, forward/ reverse solenoid de-energizes and slow and intermediate solenoids energize.
- 2. Closed forward/reverse valve causes line pressure to move related spool downward. Open intermediate valve causes related spool to rise. Open slow valve causes slow spool to move to left.

- 3. Hydraulic fluid at rear face of drive piston flows past intermediate spool, through detenting velocity orifice, over intermediate spool, and vents to sump past forward/reverse spool.
- 4. Hydraulic fluid flows through minimum pressure orifice to left face of drive piston and piston moves right at 2 ips.

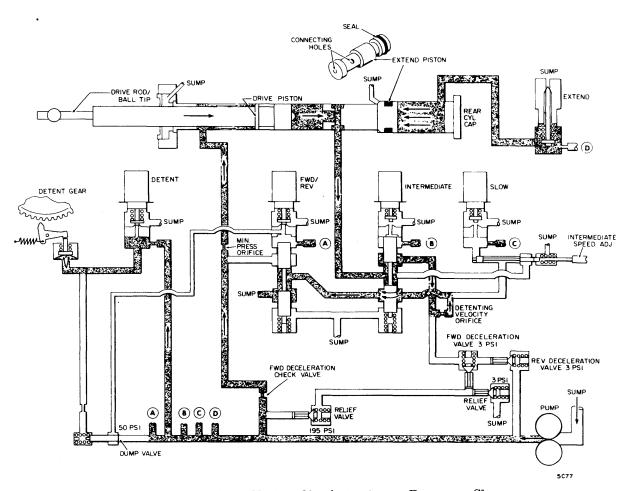


Figure 4-24. Hydraulic Actuator - Reverse Slow

FRAME

The frame assembly consists generally of the structural members, drawer mechanisms, and panels of the cabinet. Two additional subassemblies are, by virtue of their location, considered a part of the frame: blower system and filter box.

Blower System

The blower system (Figure 4-25) provides positive pressure at the center of a disk pack mounted on the spindle of a deck assembly. The presence of this elevated pressure at the center of the disk surfaces results in an outward dispersion of air over each disk surface. This air flow greatly reduces possible contamination and damage of the disks and the read/write heads.

The system consists of a motor driven impeller that forces air through an absolute filter (glass and asbestos) and related ducts upward to the spindles present in the cabinet. Much of the ducting is extendable to allow the deck drawers to be extended out the front and rear of the cabinet. Power to the blower drive motor is controlled by the power supply BLOWER circuit breaker.

Filter Box

The filter box controls power to the cabinet in which it is located. The box is located in the bottom of the cabinet and is accessible by opening the cabinet rear door. It contains a circuit breaker (UNIT POWER) that controls application of main input power to the cabinet power supply. The power supply MAIN POWER indicator monitors the status of the circuit breaker. Frequency filters for the input power lines are mounted inside the box.

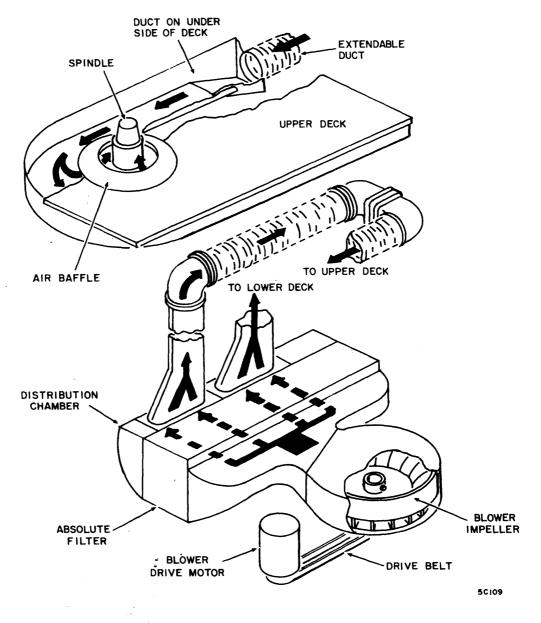


Figure 4-25. Blower System

DISK PACK

The disk pack is the recording medium for the MDD. The disk pack consists of eleven 14-inch, magnetic oxide coated disks center-mounted on a hub. The recording surface of each disk is coated with a layer (0.0002 inch) of magnetic iron oxide and related binders and adhesives.

The 203 recording tracks are located in a 2-inch band near the outer edge of the disk. Track 202 has a diameter of approximately 9 inches, while the diameter of track 00 is about 13 inches. The tracks are spaced 0.010 inch apart.

The top and bottom disk surfaces are covered by protective non-recording disks. The bottom protective disk is called the sector disk. This disk contains notches that are sensed by the index transducer. The pulse outputs of the transducer are used to determine disk pack rpm and to detect organizational segments of the disk pack.

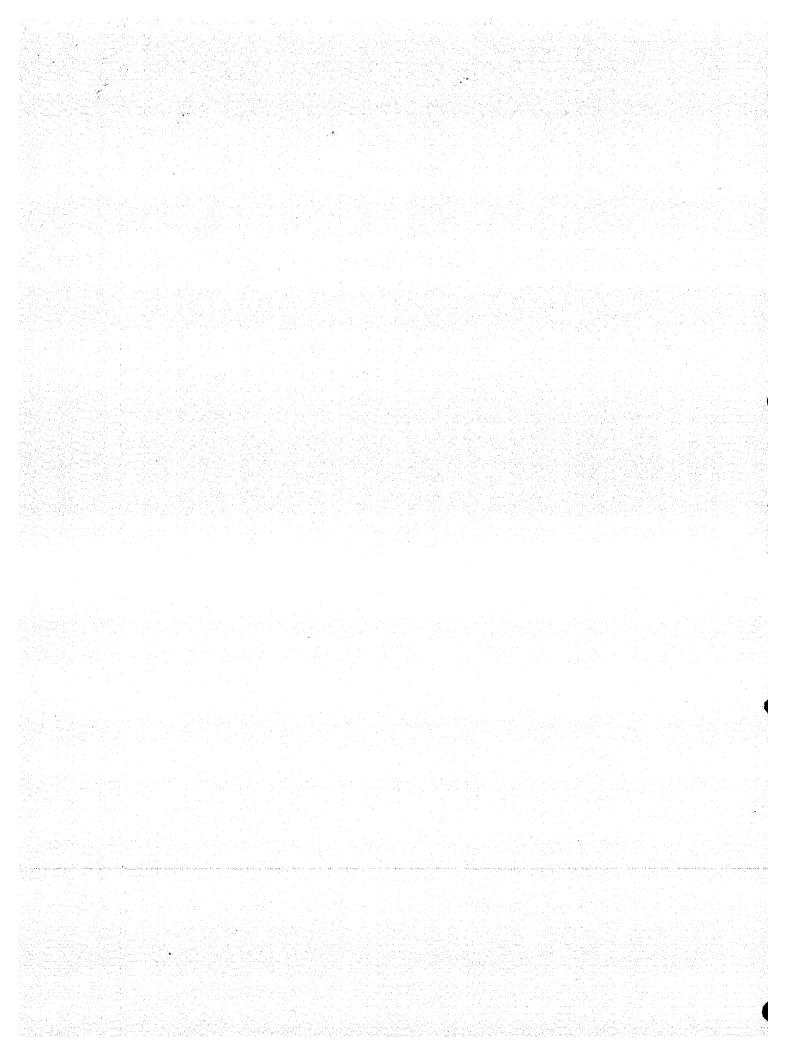
The lower hub of the disk pack contains a replaceable filter. This filter removes particles from the air supplied by the blower. Keeping positive air pressure at the center of the disks reduces the possibility of dust caused damage.

The disk pack has a two-piece container assembly. The bottom cover can be removed simply by grasping and rotating the center hub. The top cover is designed so that it can be removed only by installing the disk pack on the deck spindle assembly. The disk pack can be removed from the spindle only by using the top cover (see Section 2). This design protects the disk pack from physical damage and greatly reduces the possibility of contamination of the disk pack recording surfaces.

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SECTION 5

DIAGRAMS



DIAGRAMS

INTRODUCTION

This section contains diagrams that logically describe the MDD in terms of the functions which the unit performs. Figures 5-1 through 5-10 are flow charts, simplified circuits, and timing diagrams that describe the First Seek function, the Power Off sequence, the Direct Seek (forward and reverse) function, the Return to Zero function, and the Read/Write operations. Figure 5-11 shows the ground scheme for a cabinet. The logic diagrams for the unit are provided on pages 5-13 through 5-22. The MDD signal distribution drawing is located on page 5-23, and the unit power supply schematic is found on pages 5-24 through 5-25.3. Schematic diagrams for the transducer preamplifier cards and the SPL cards are found at the end of the section.

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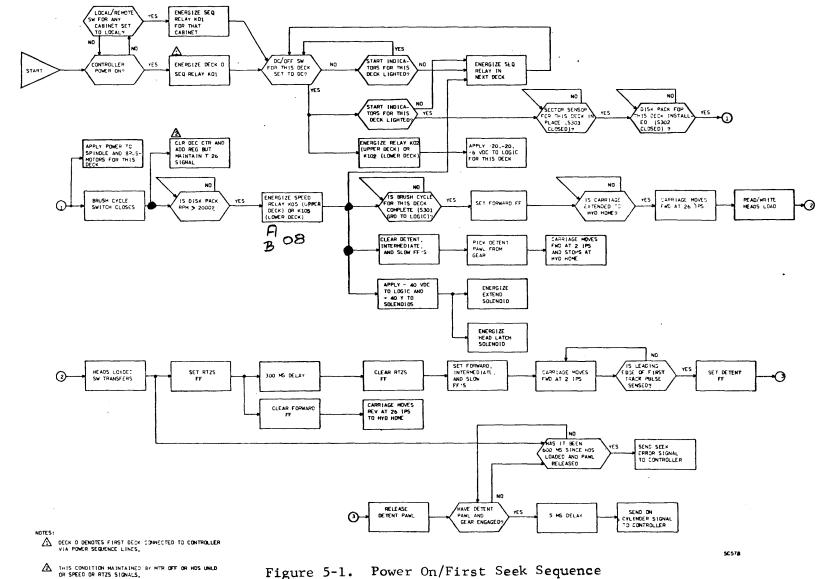


Figure 5-1. Power On/First Seek Sequence

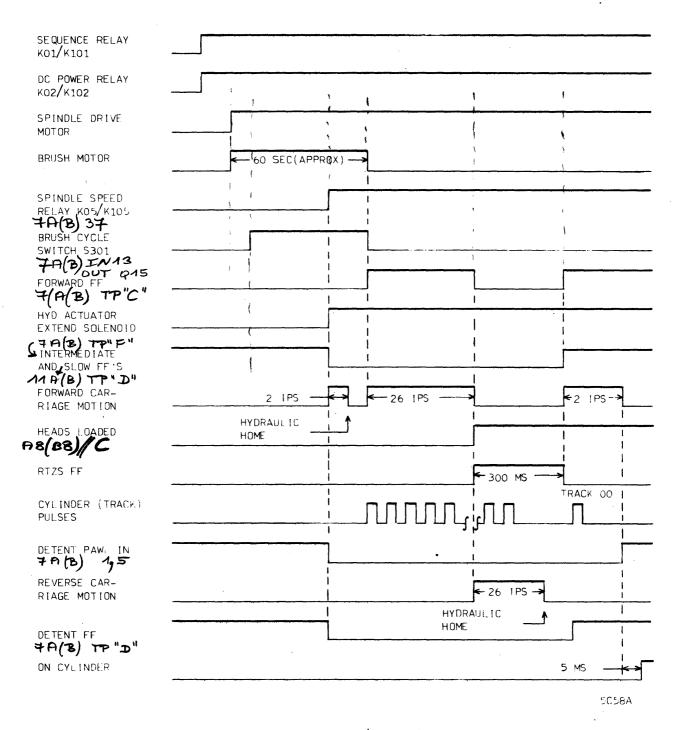


Figure 5-2. Power On/First Seek Timing

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Figure 5-3. Deck or System Power Off Sequence

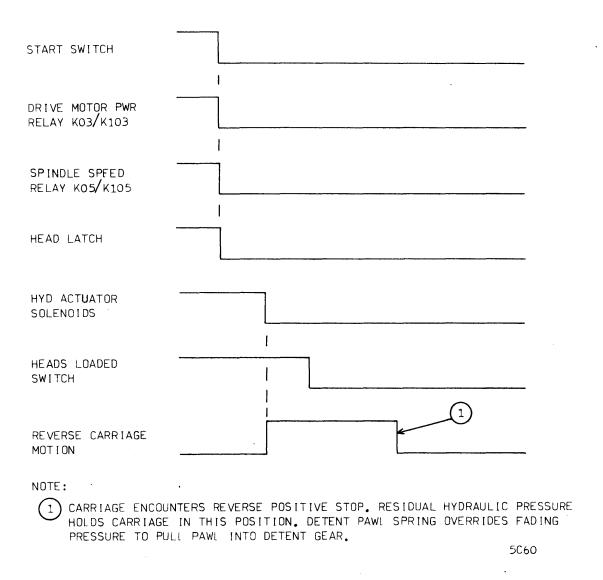


Figure 5-4. Power Off Timing

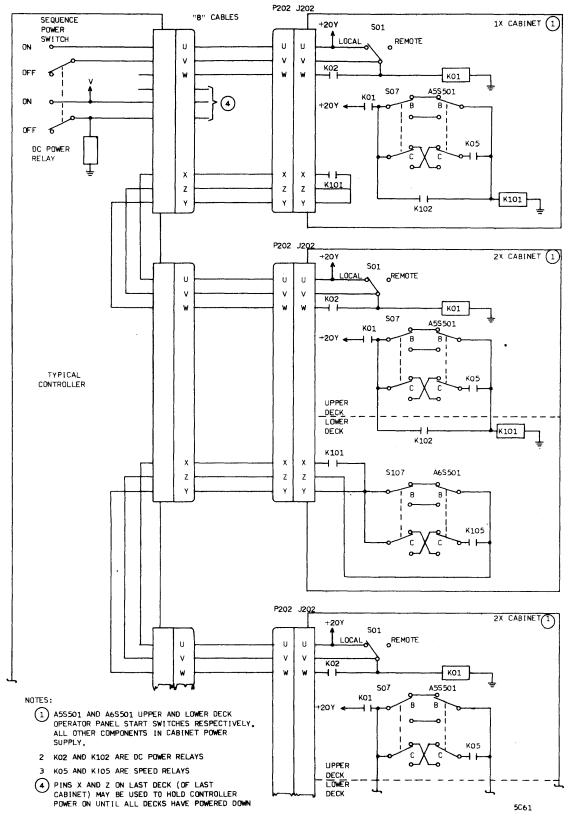


Figure 5-5. System Power Sequence Lines

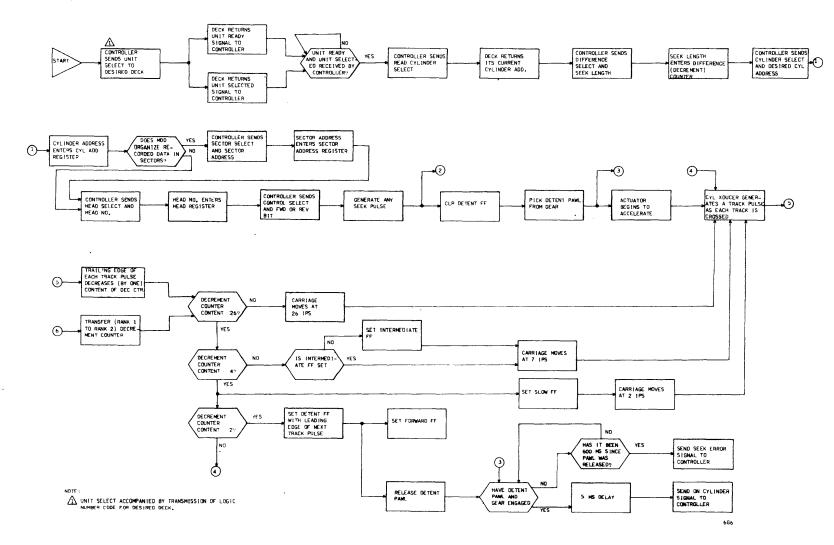
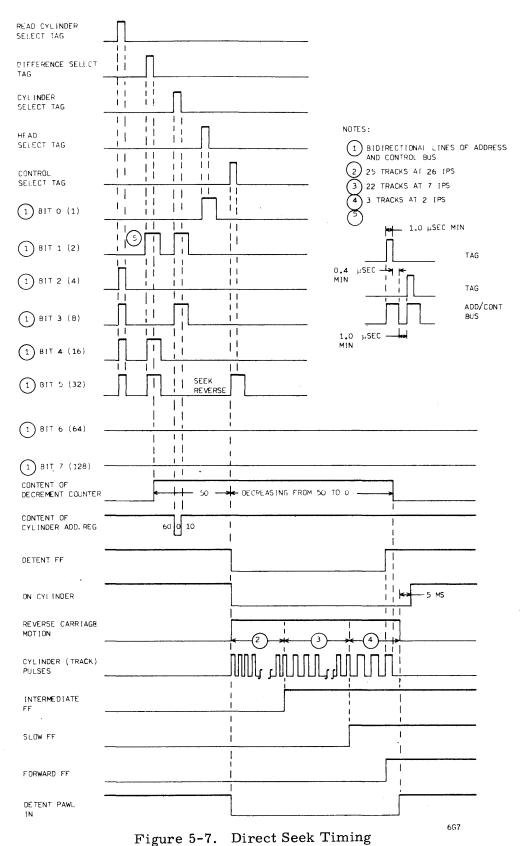
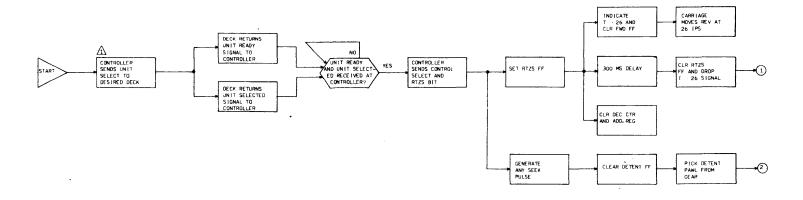


Figure 5-6. Direct Seek Sequence



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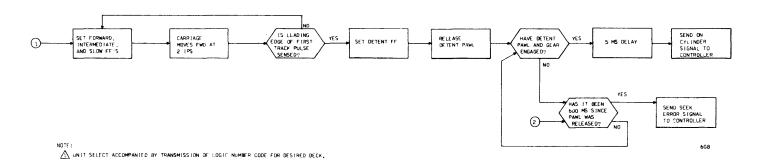


Figure 5-8. Return to Zero Seek Sequence

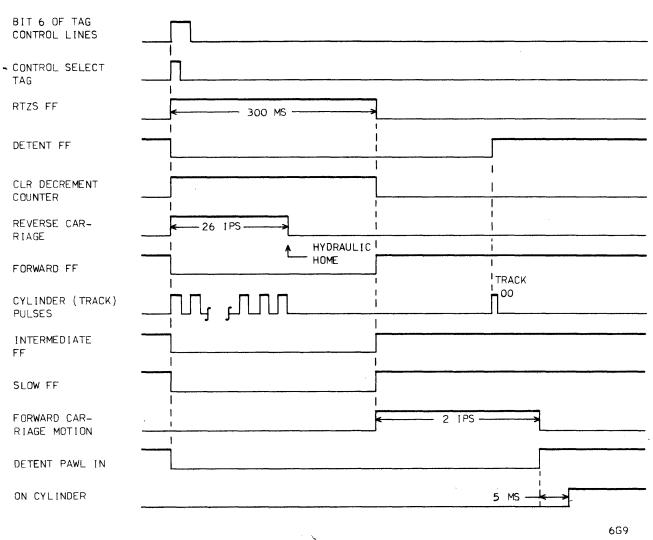


Figure 5-9. Return to Zero Seek Timing

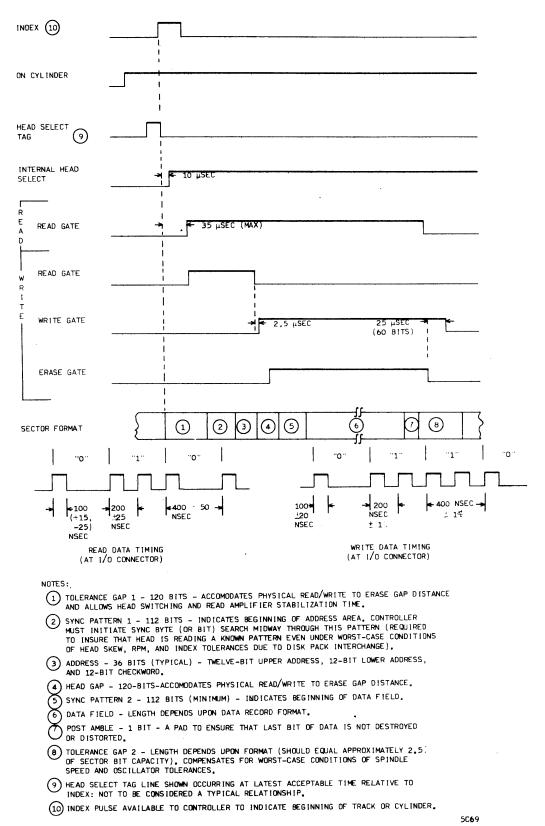


Figure 5-10. Typical Sector Format Read/Write Timing

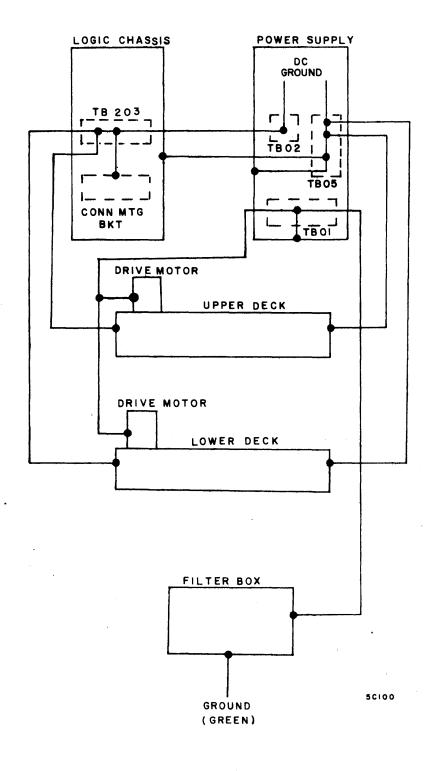
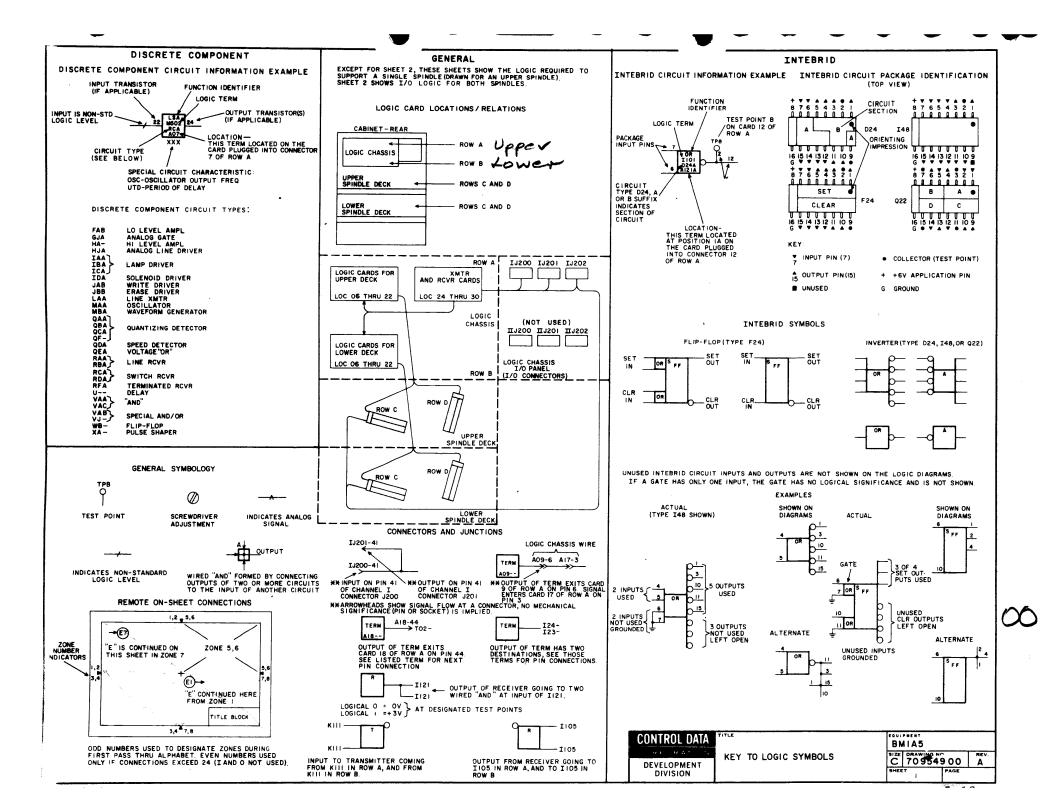
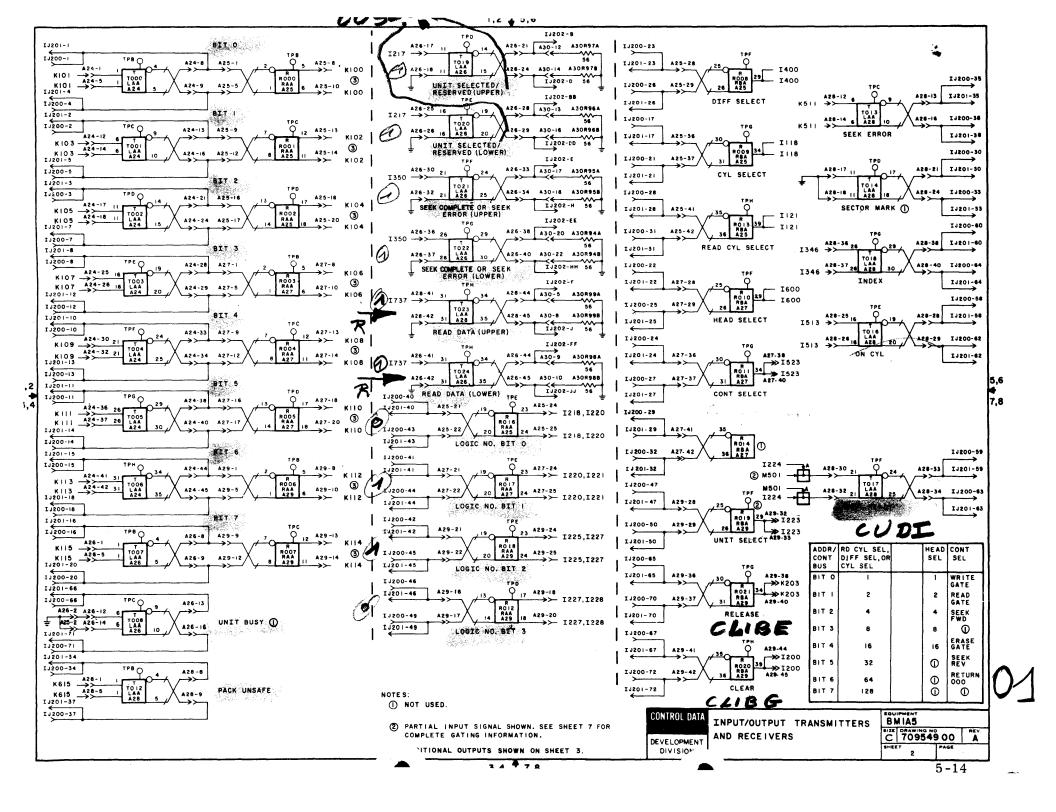
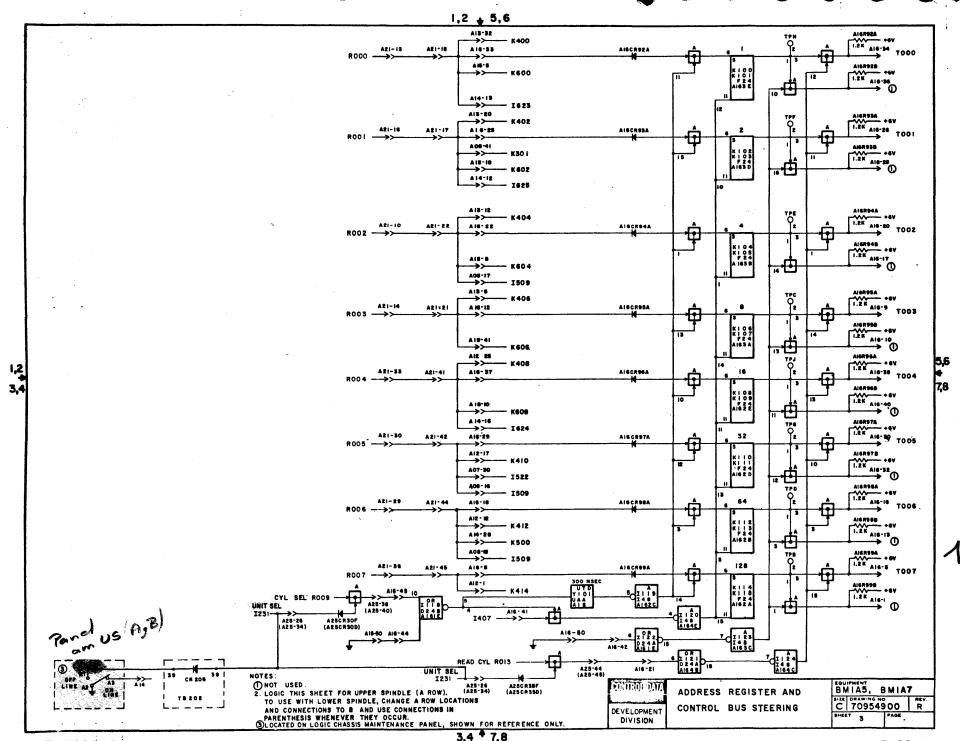


Figure 5-11. Ground Scheme

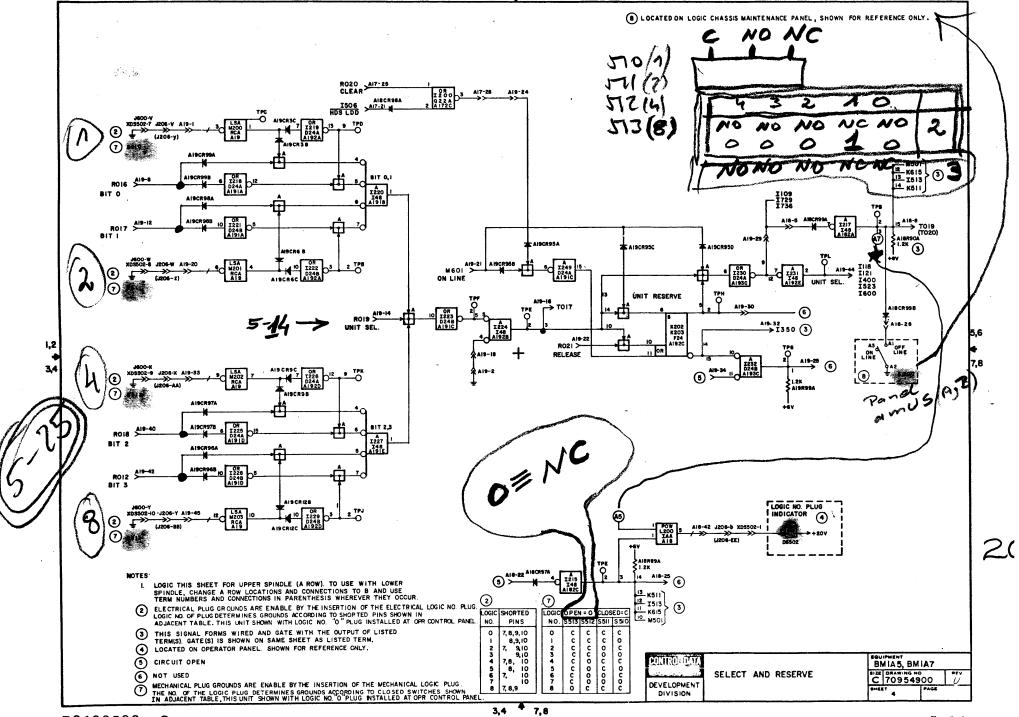






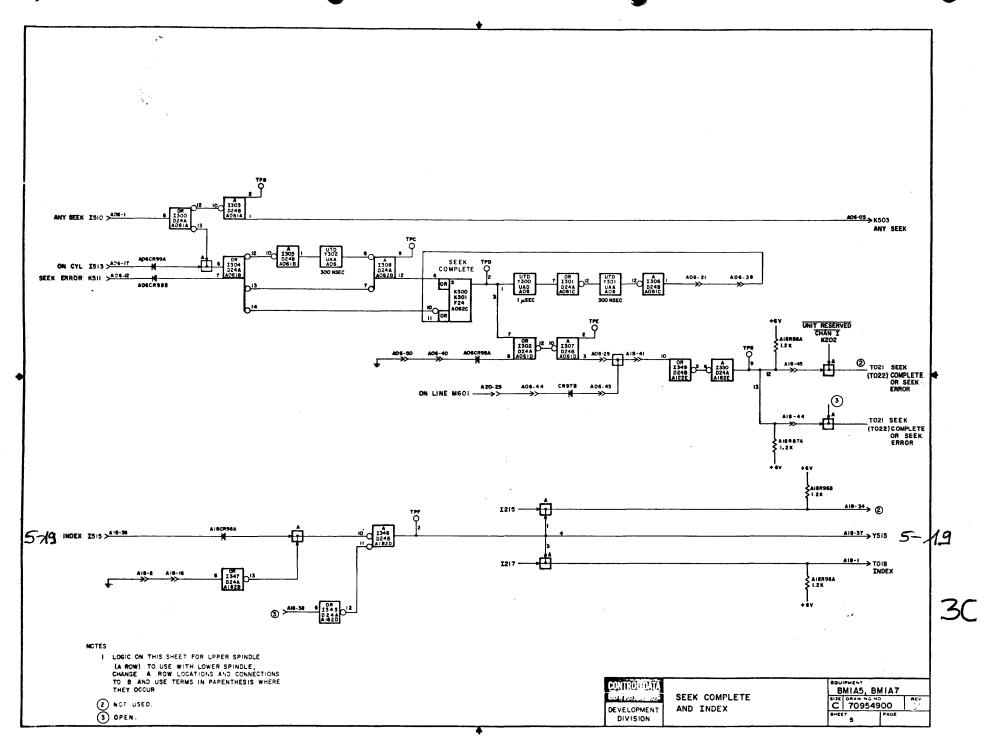
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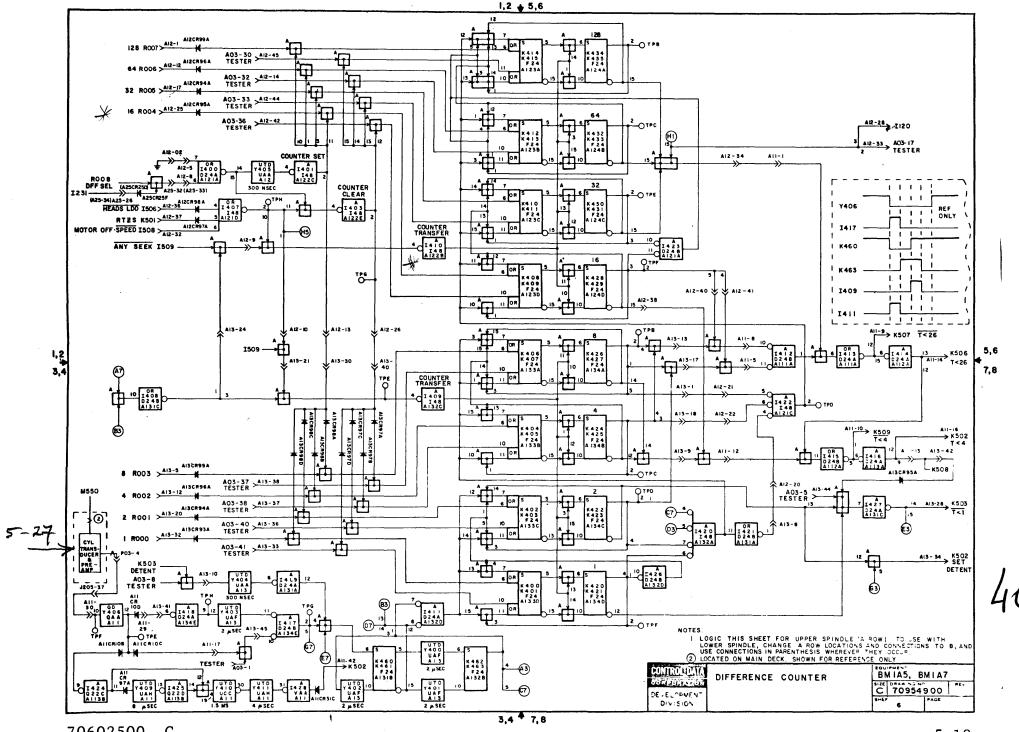
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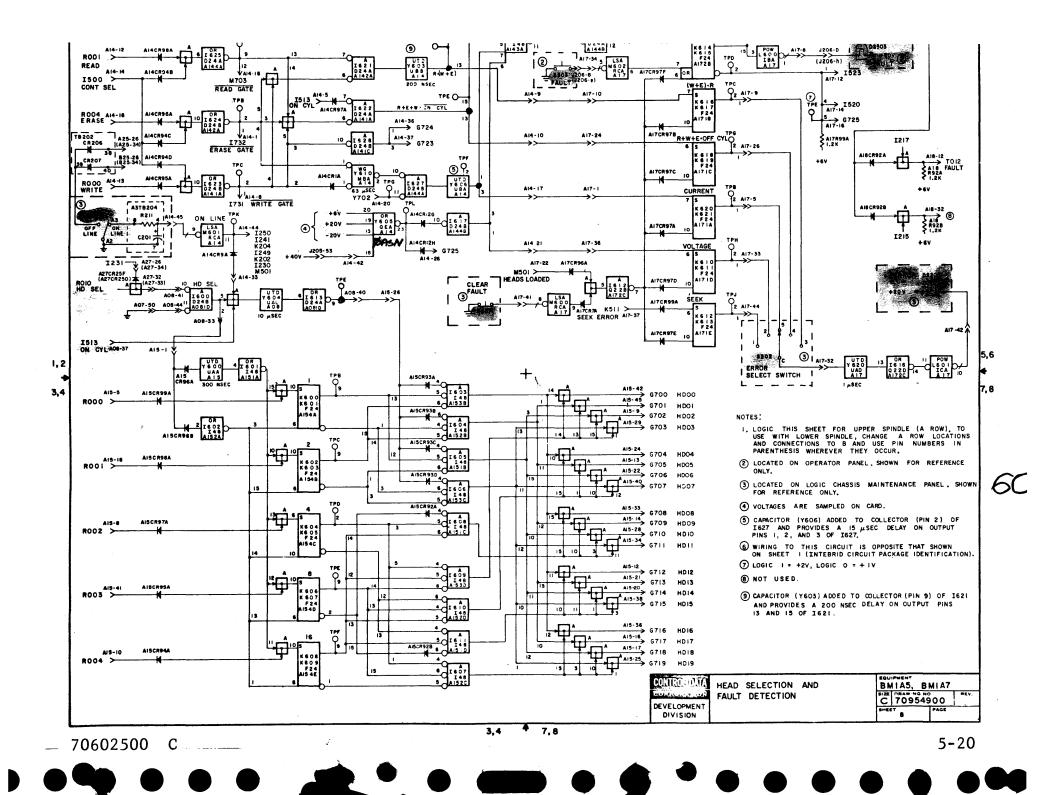
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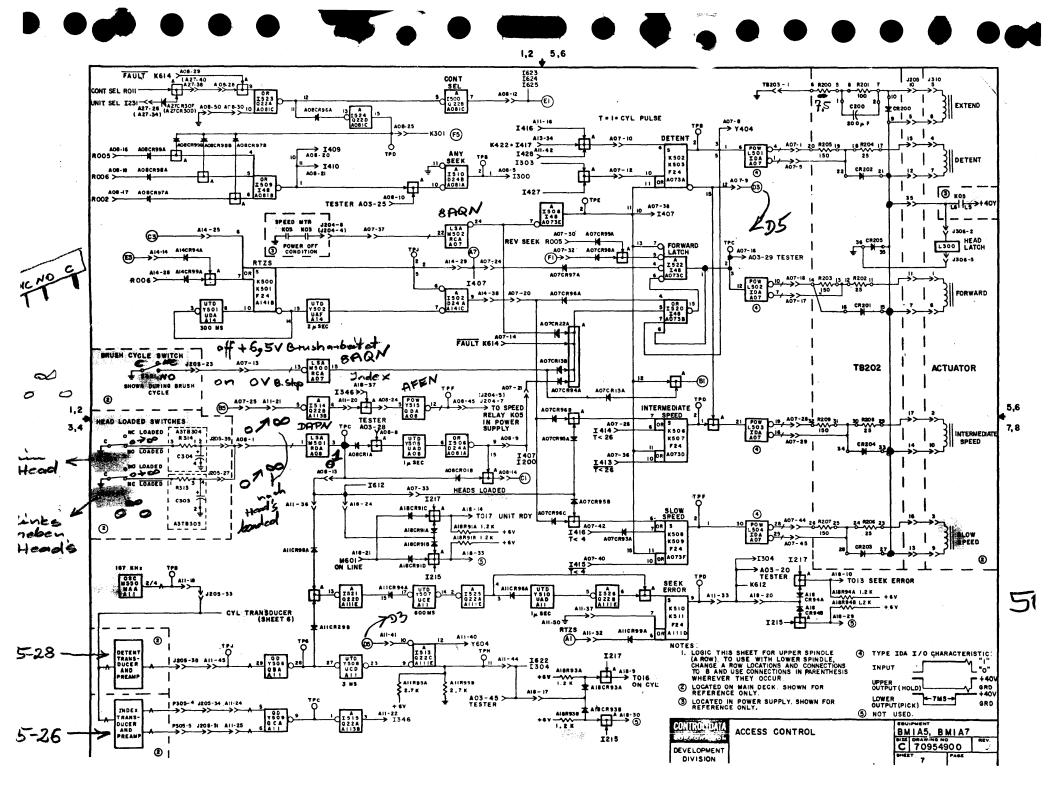


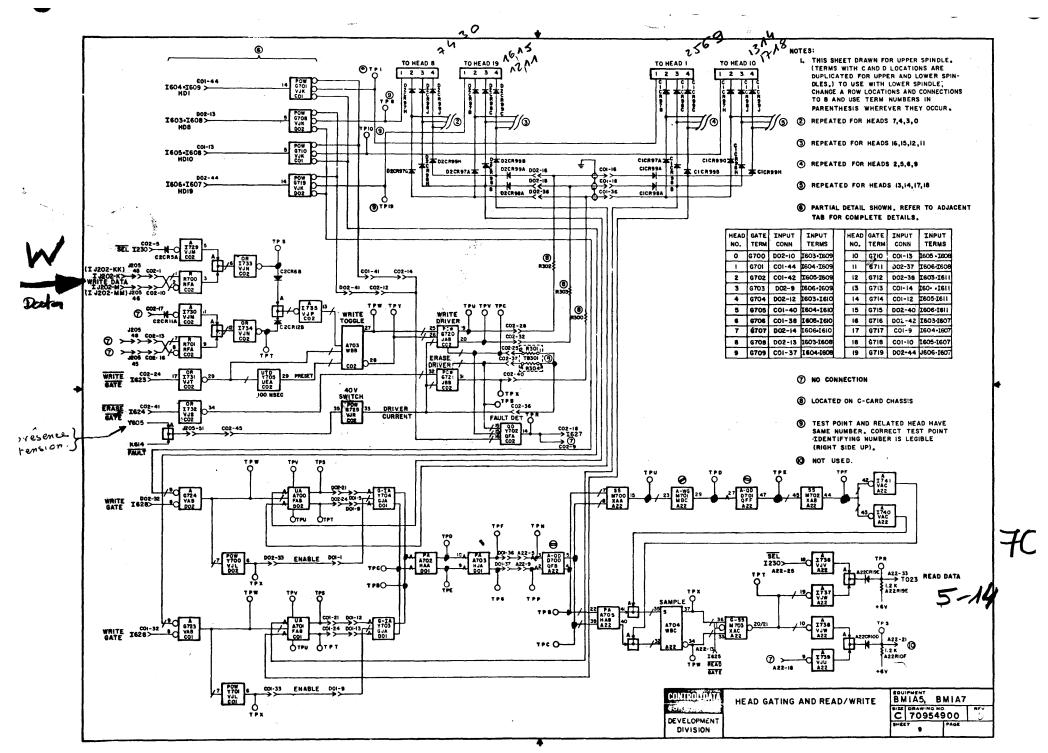


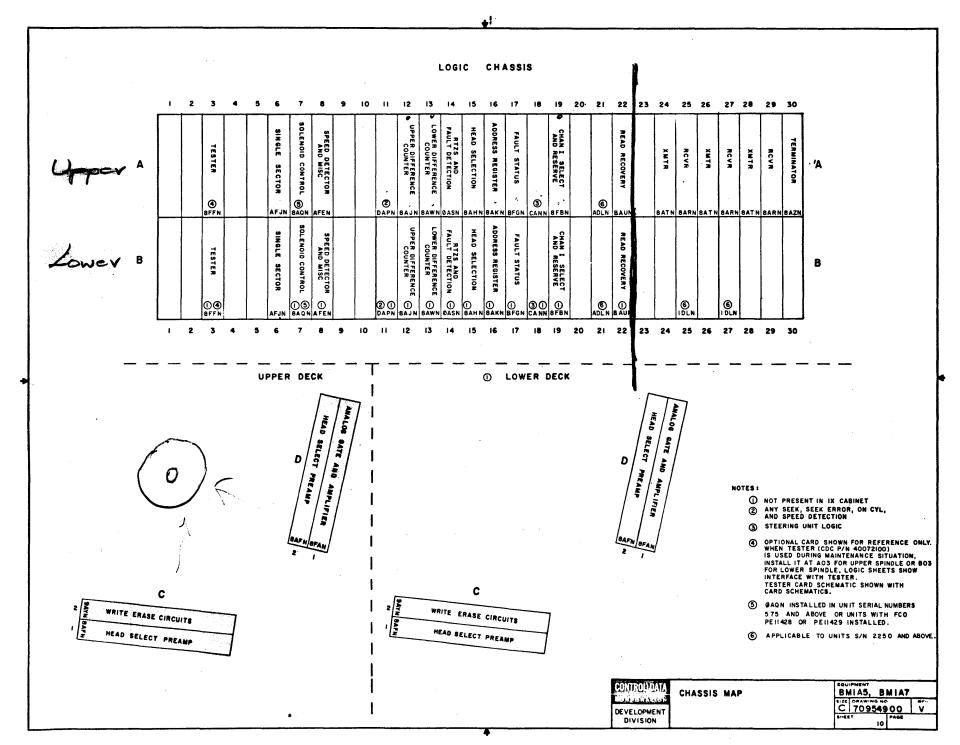
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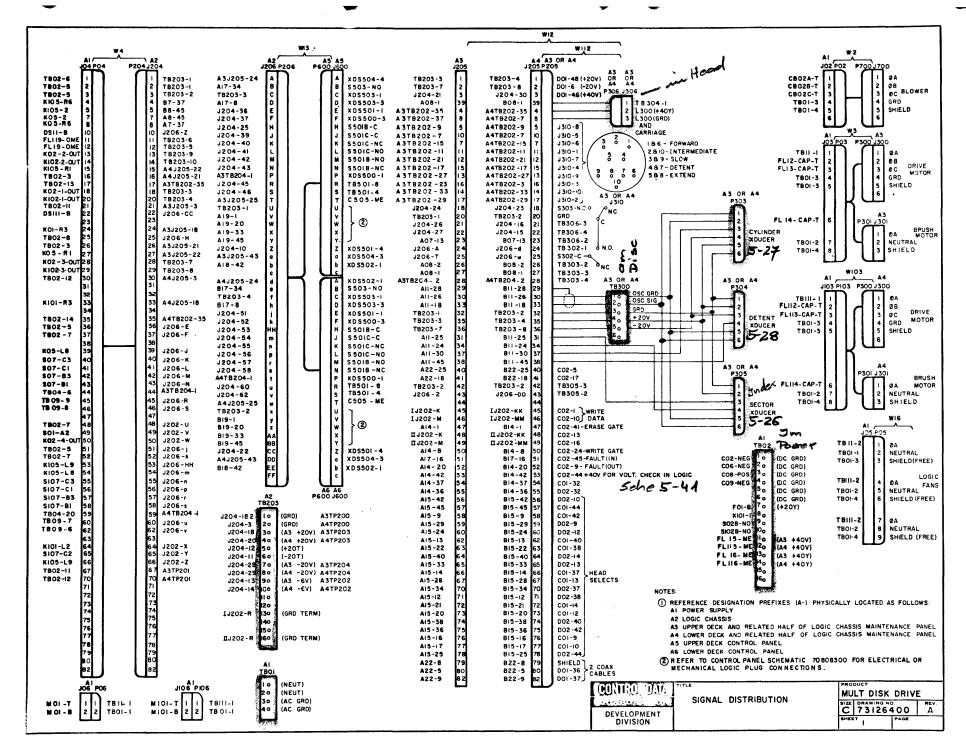
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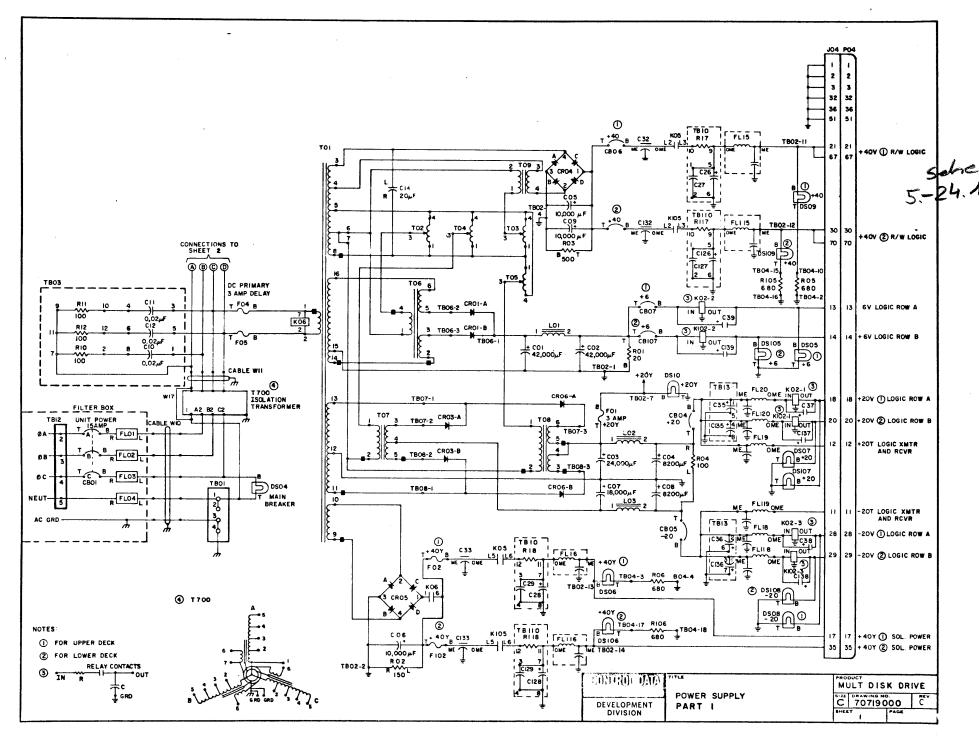


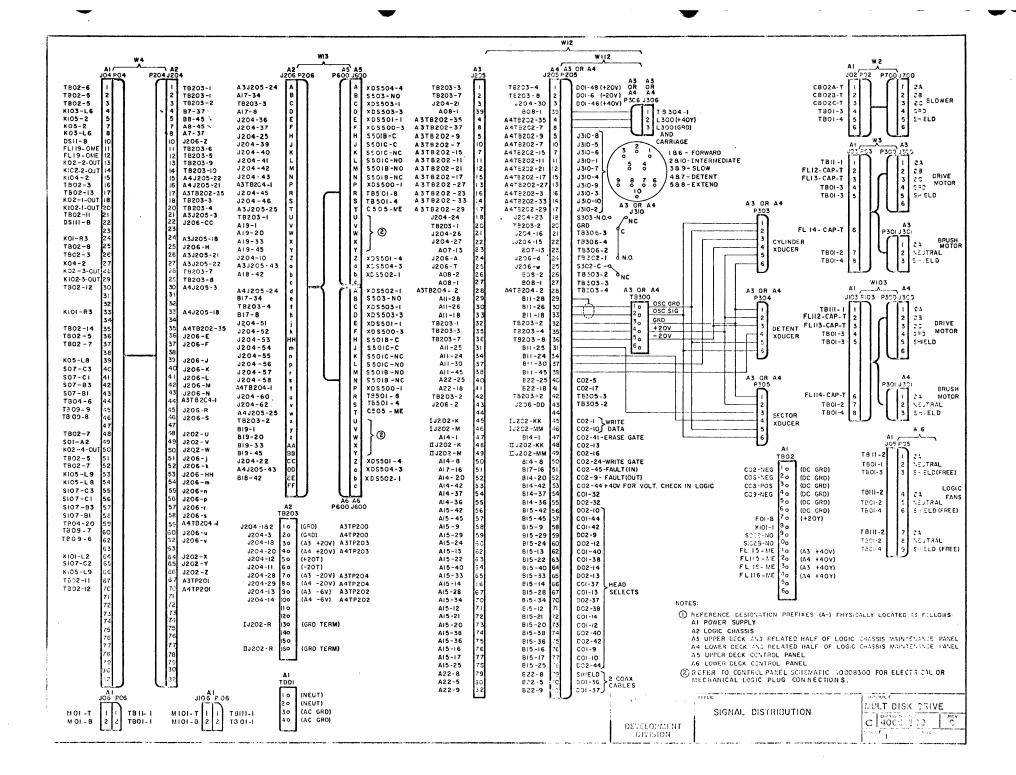


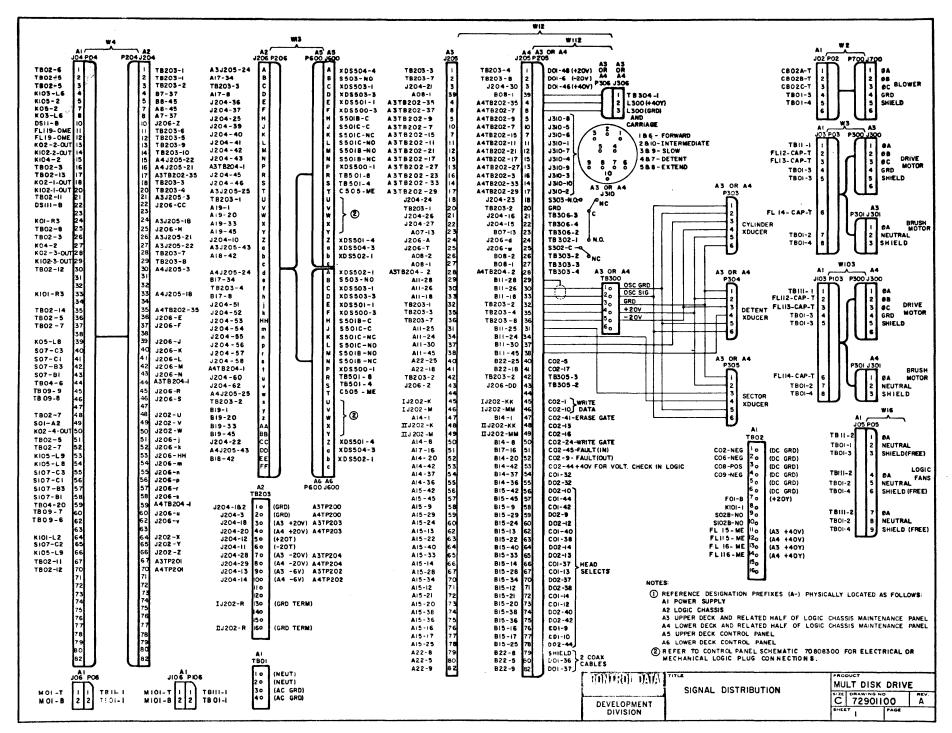


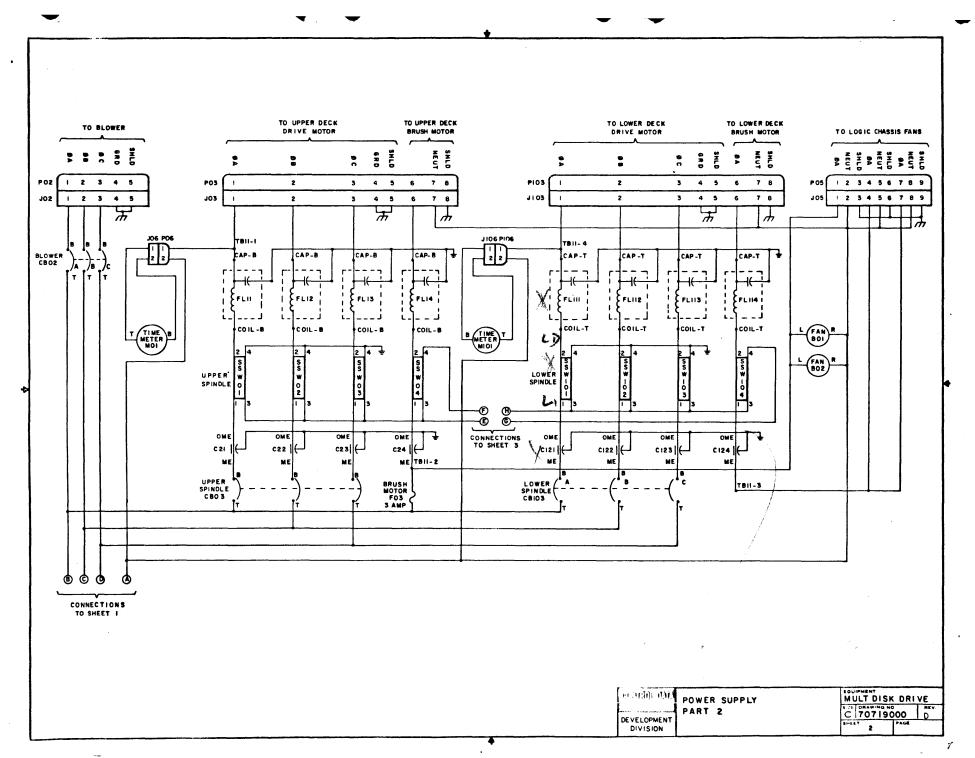


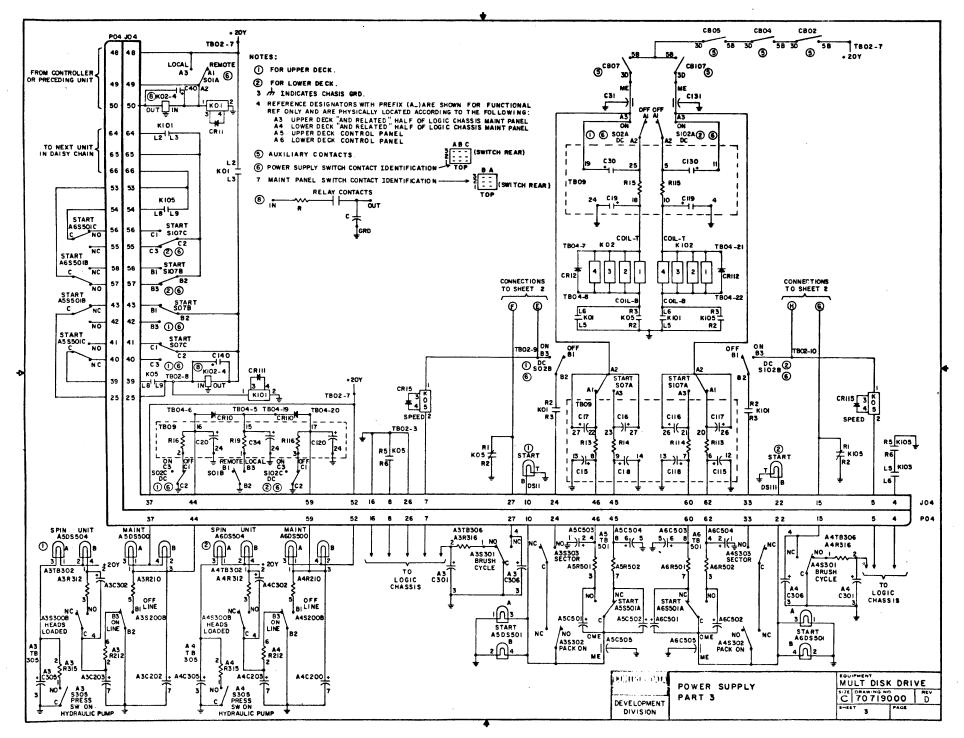


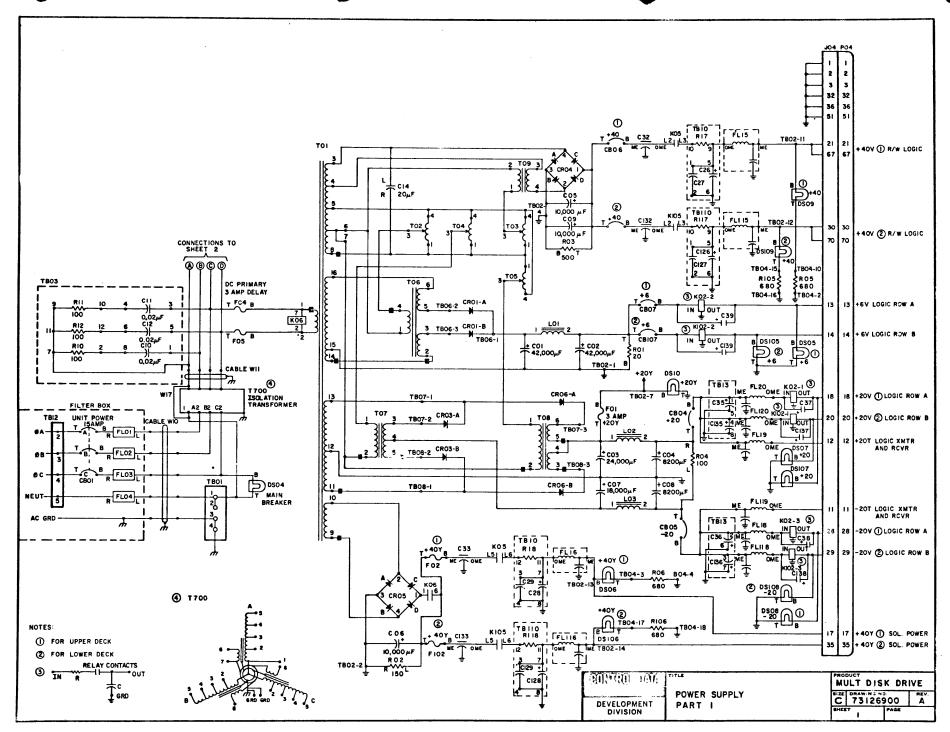


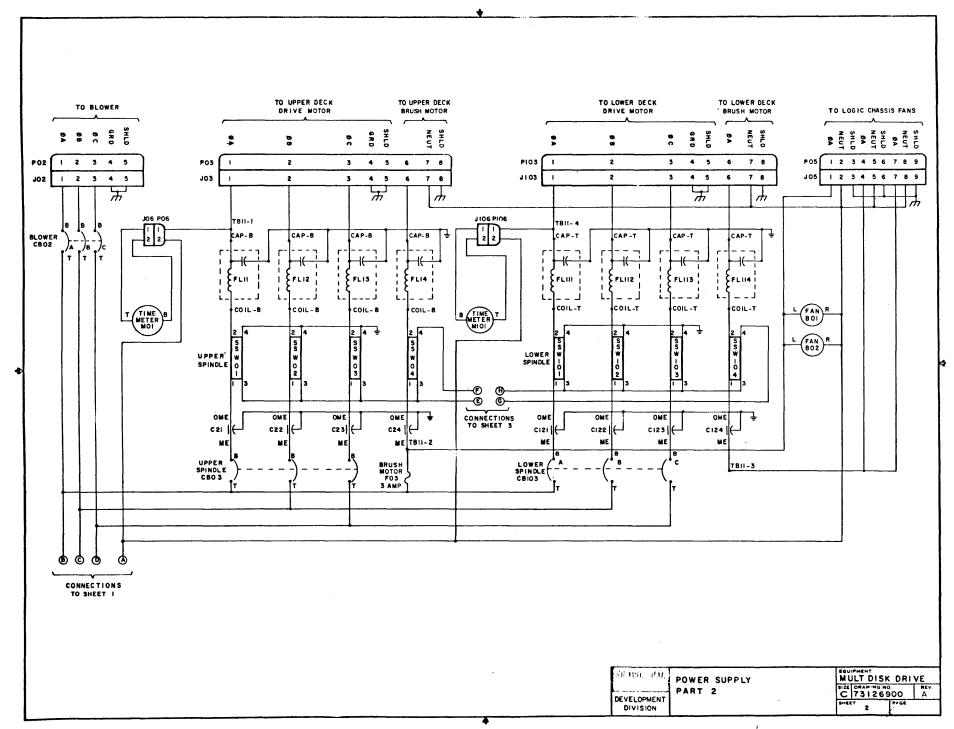


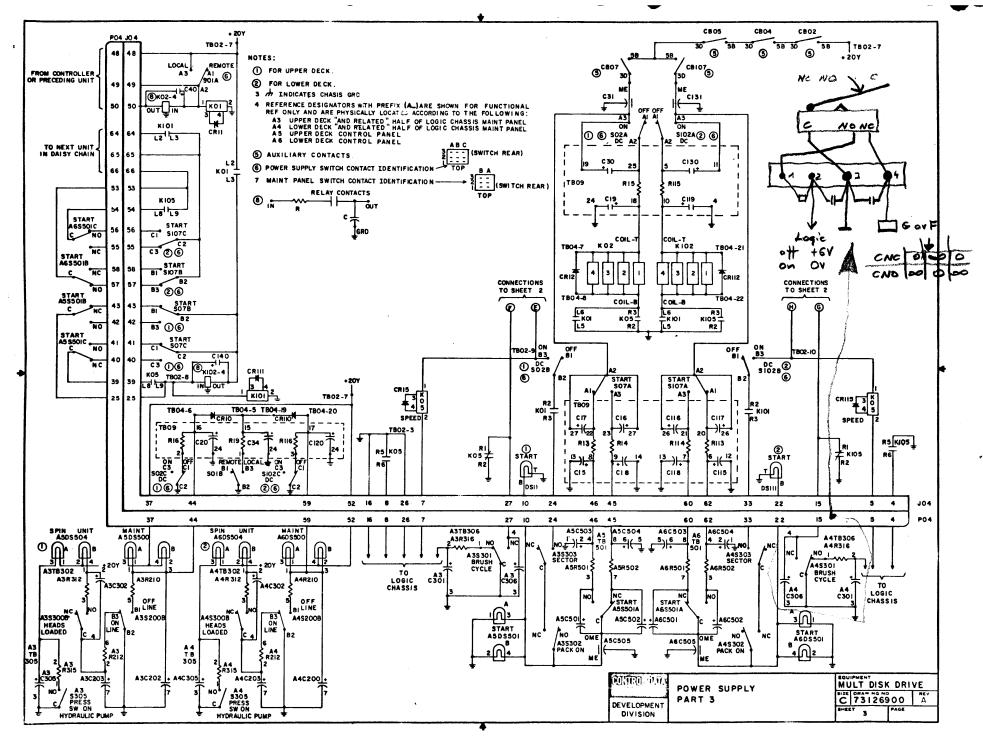


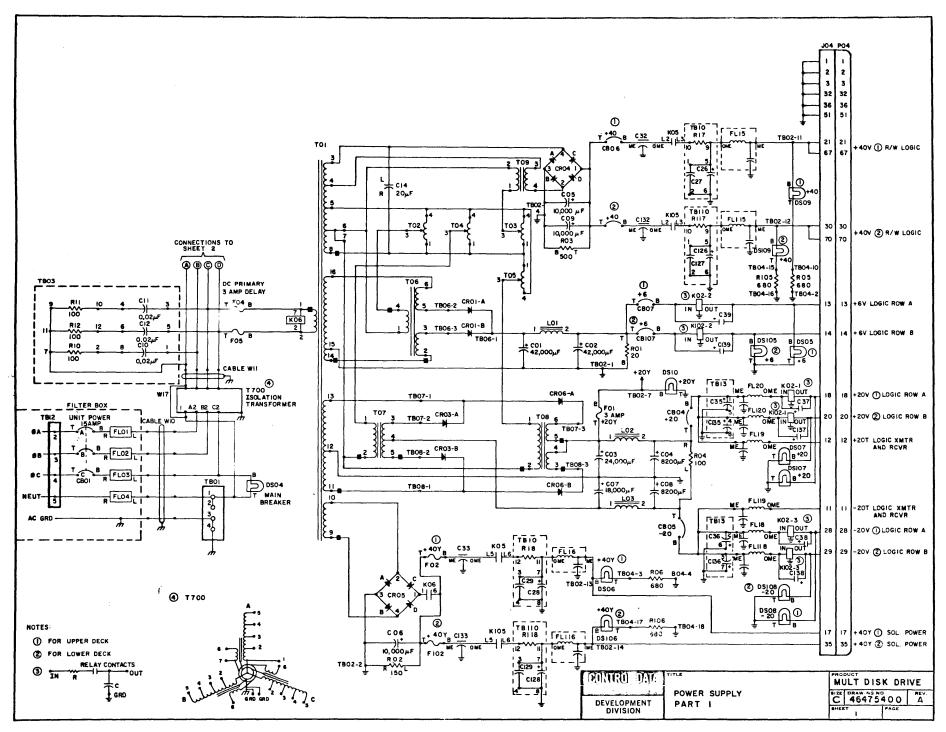


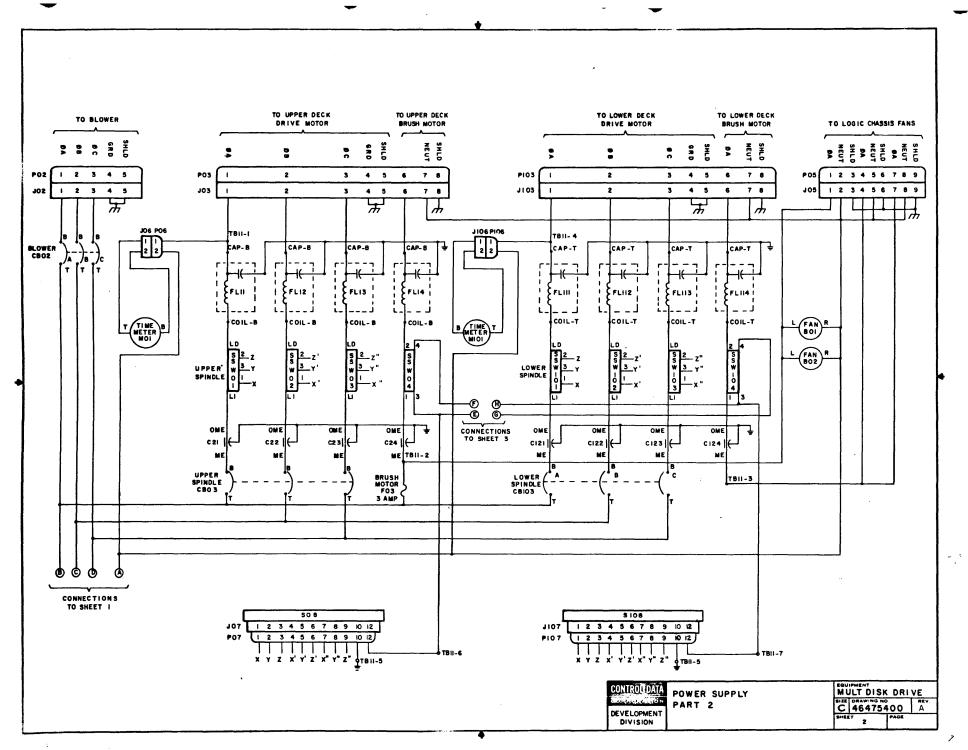


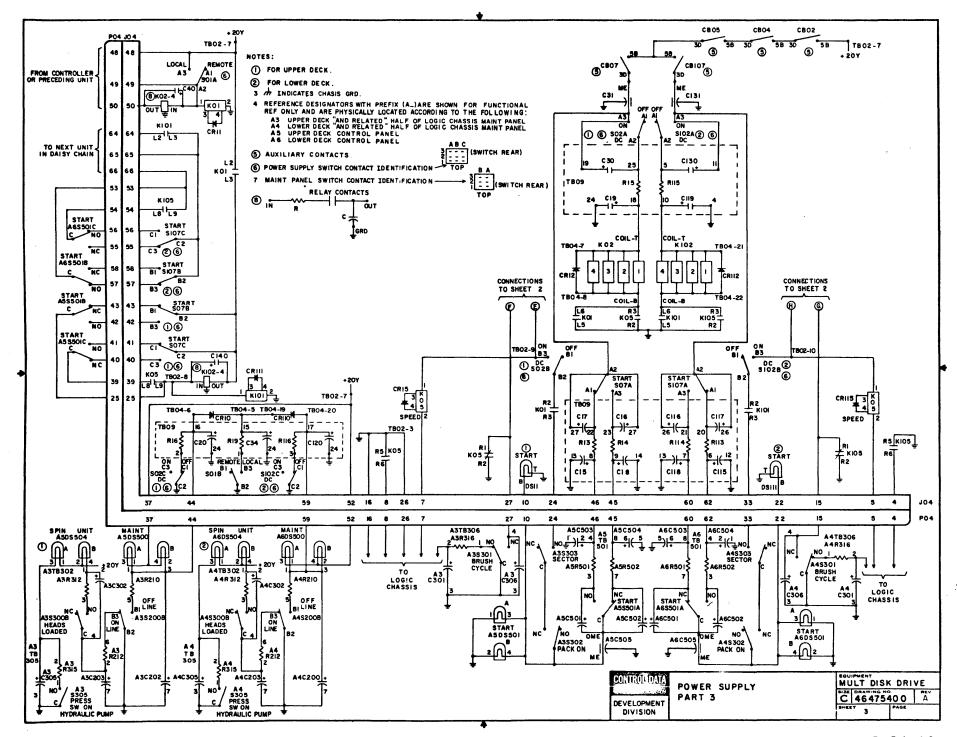


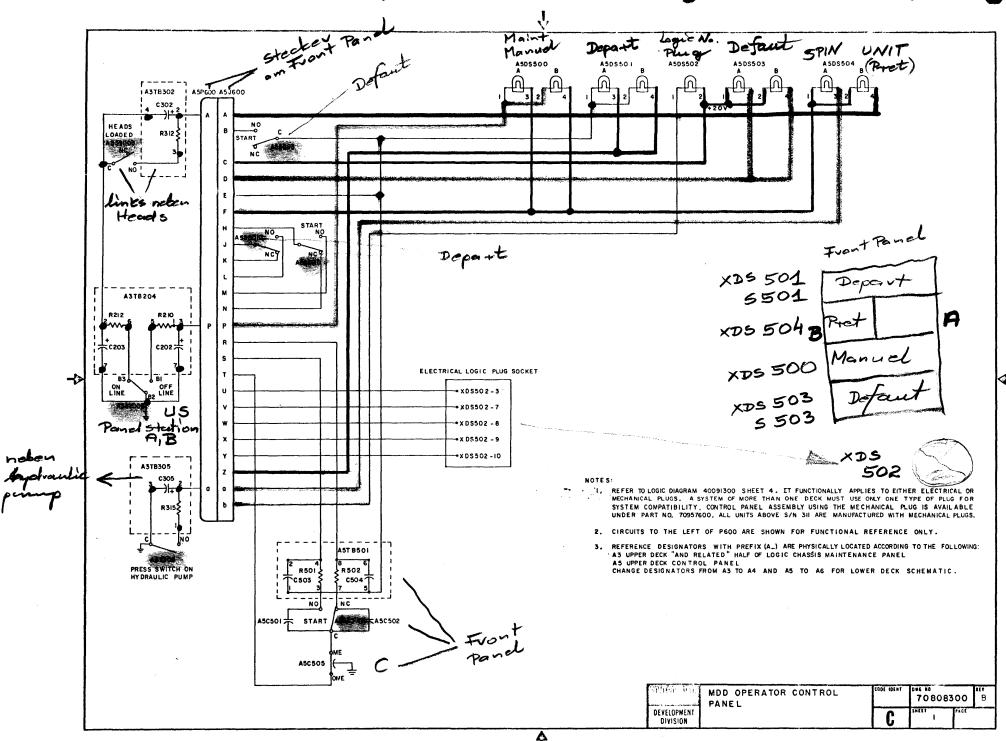






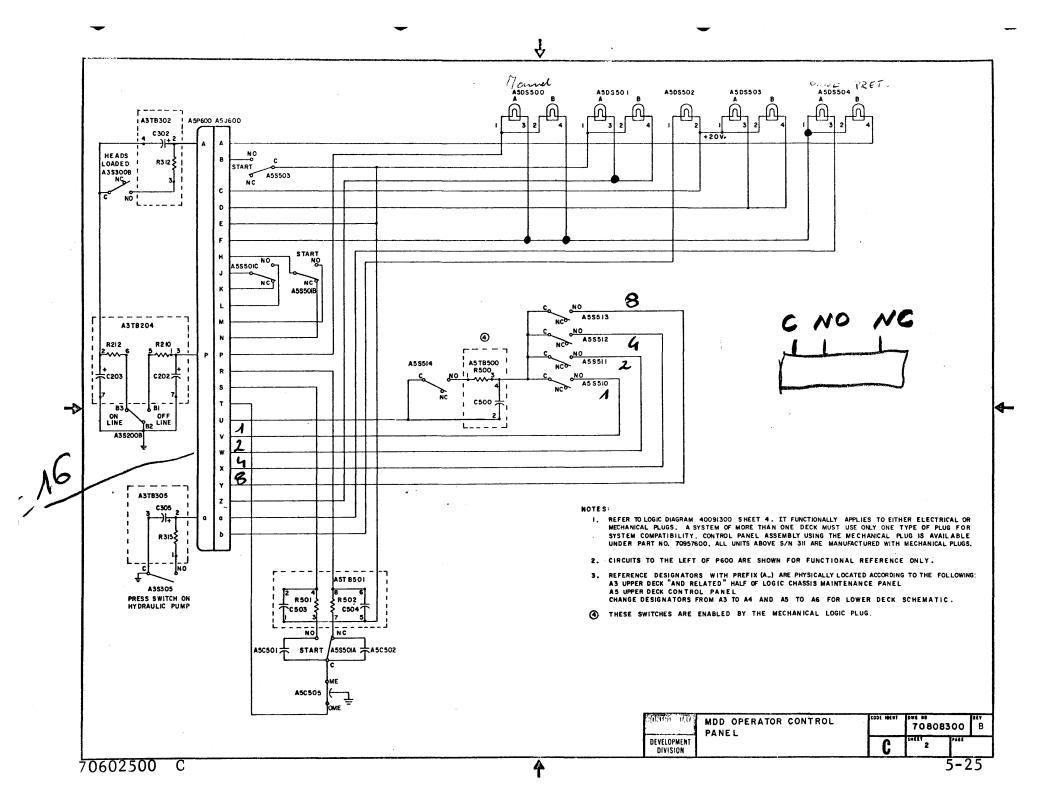


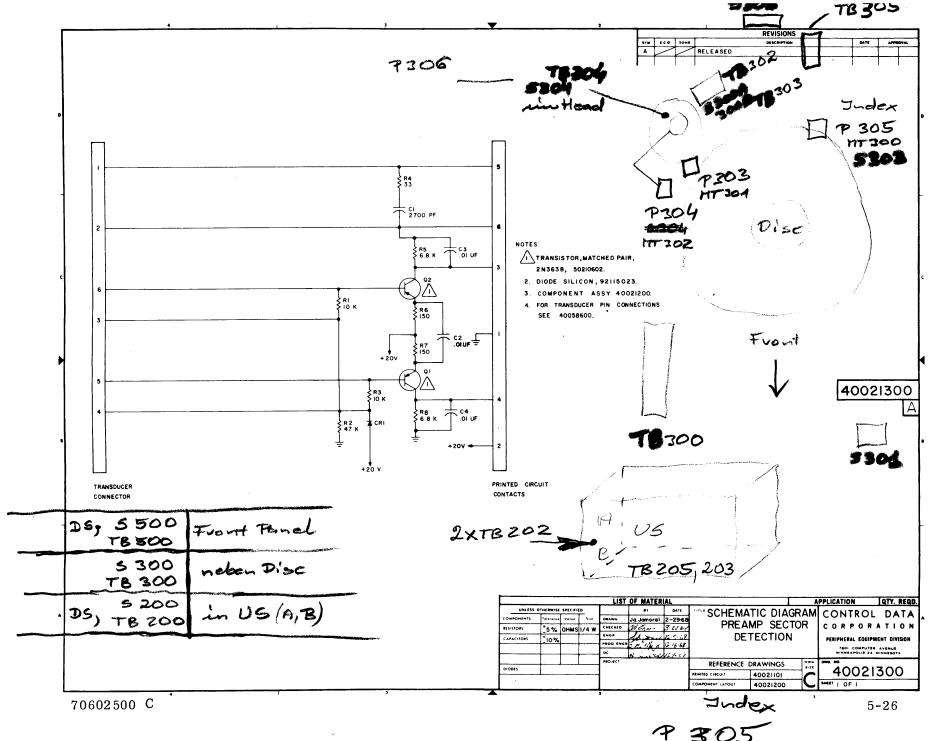


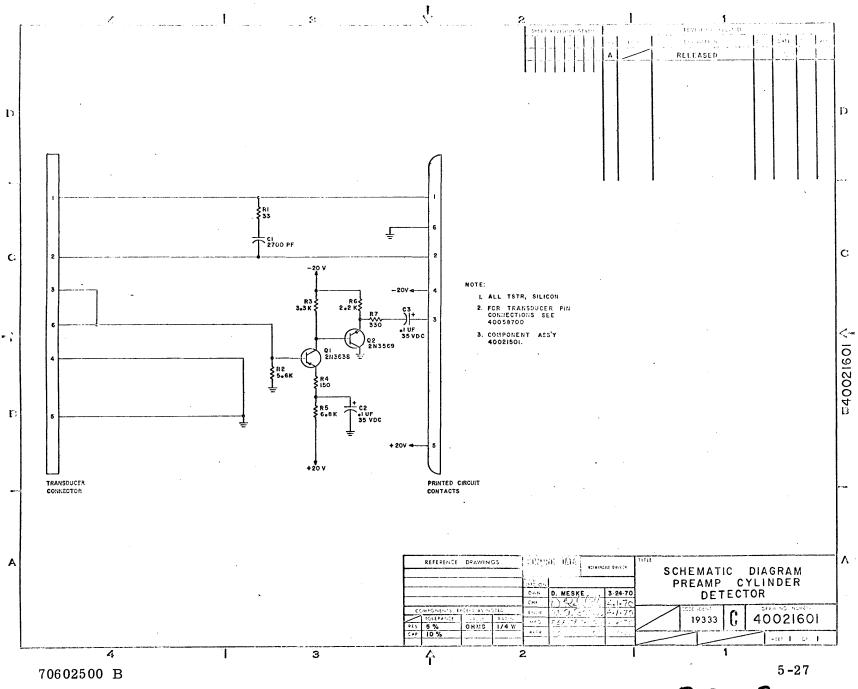


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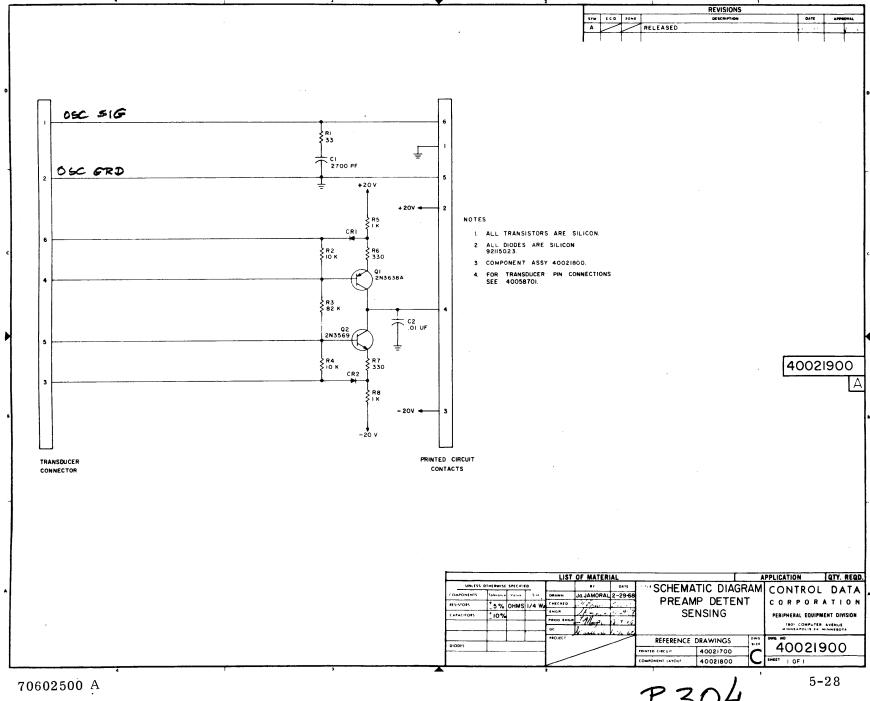
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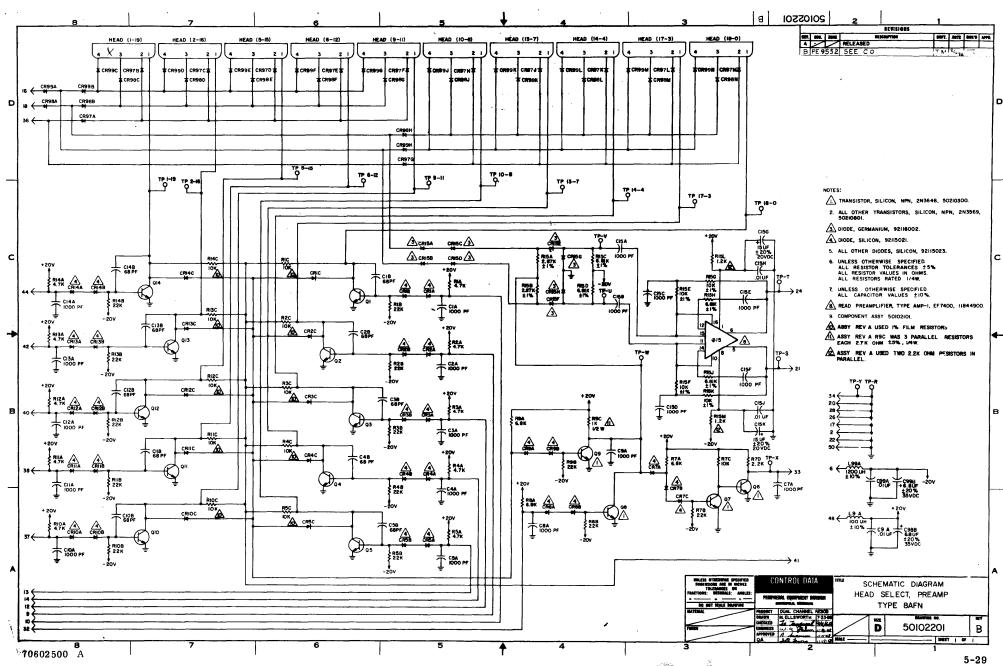




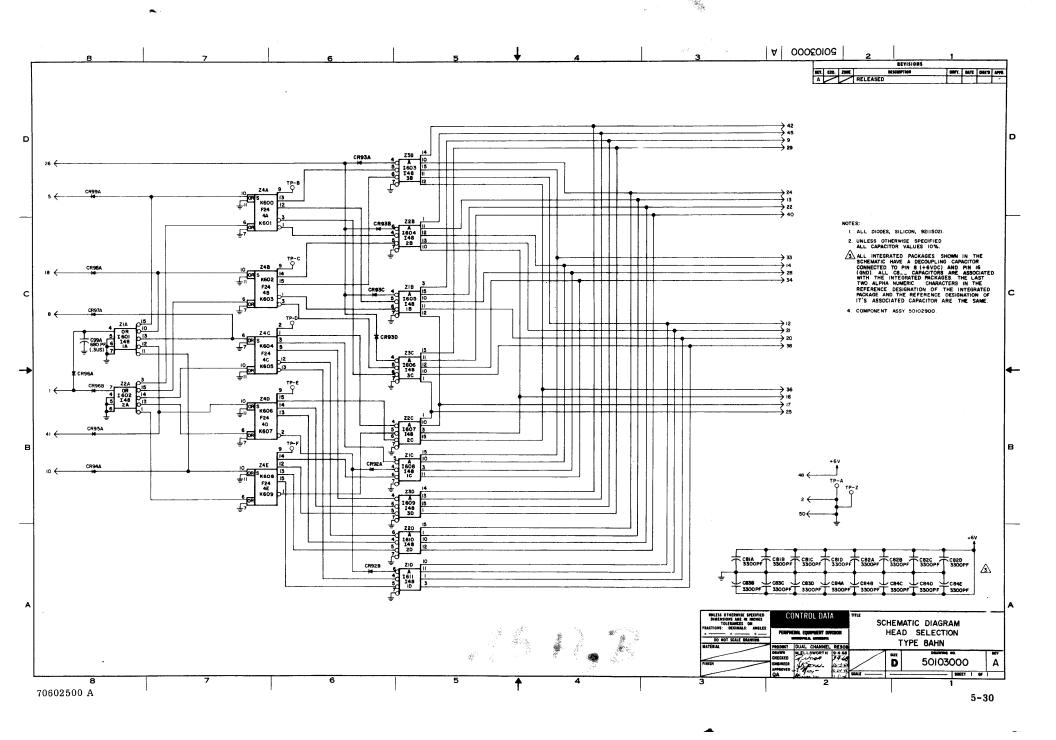


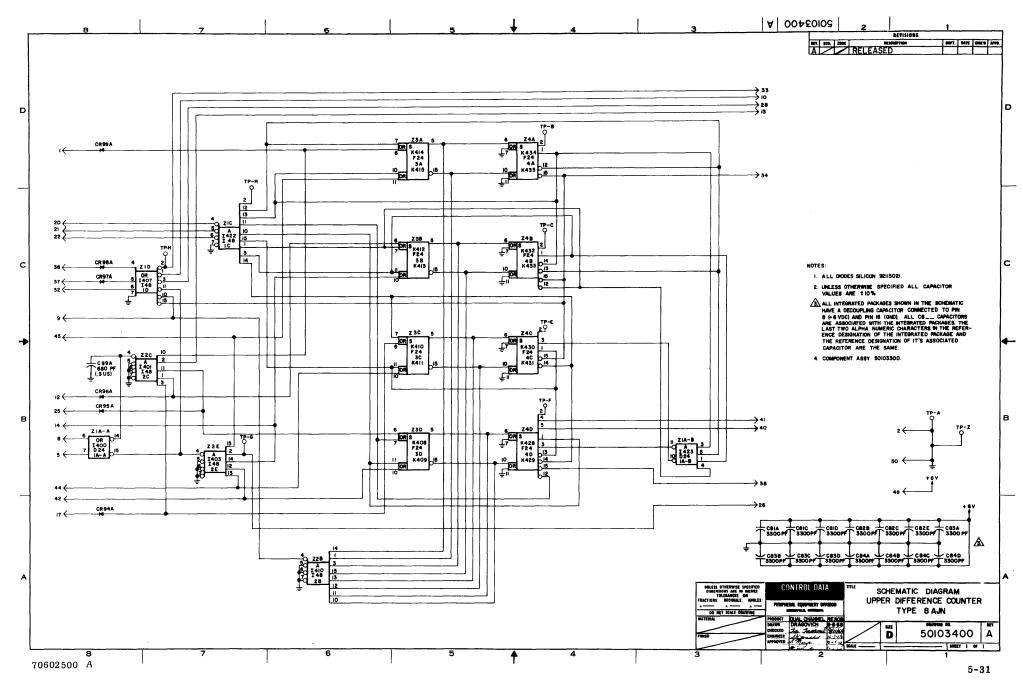
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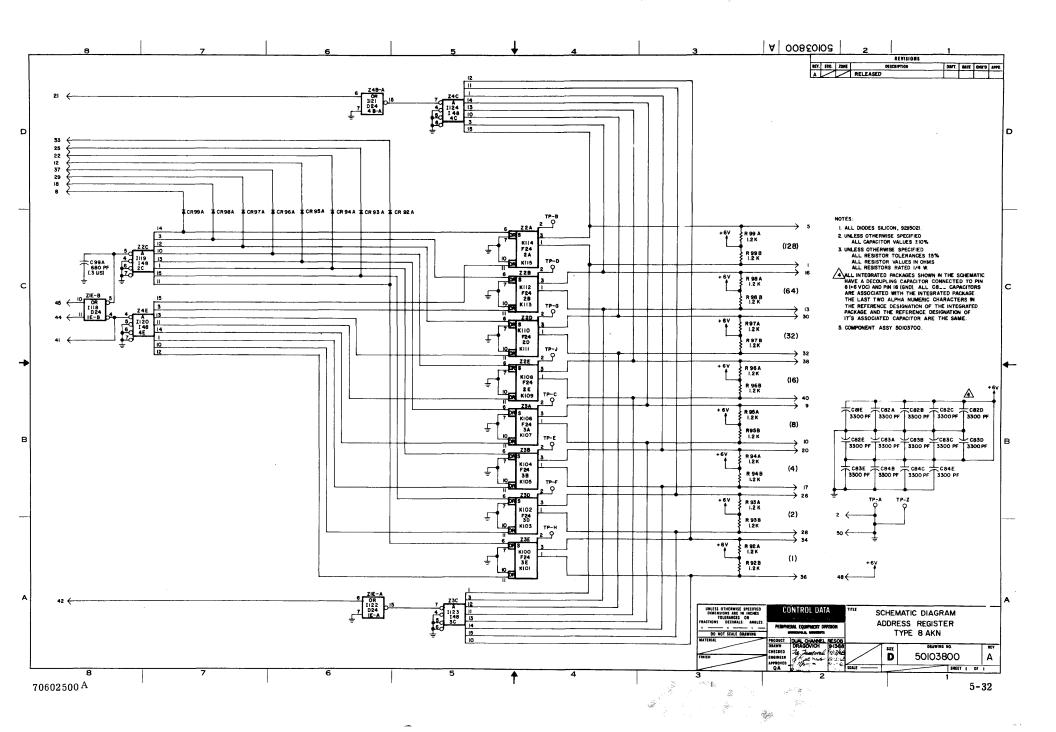


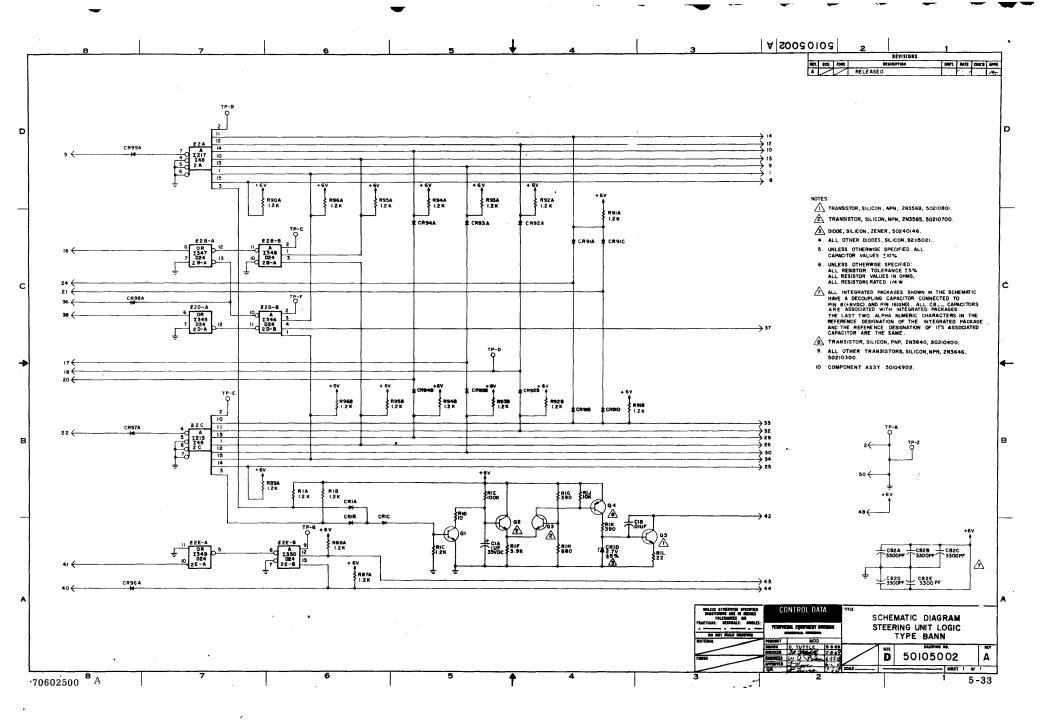


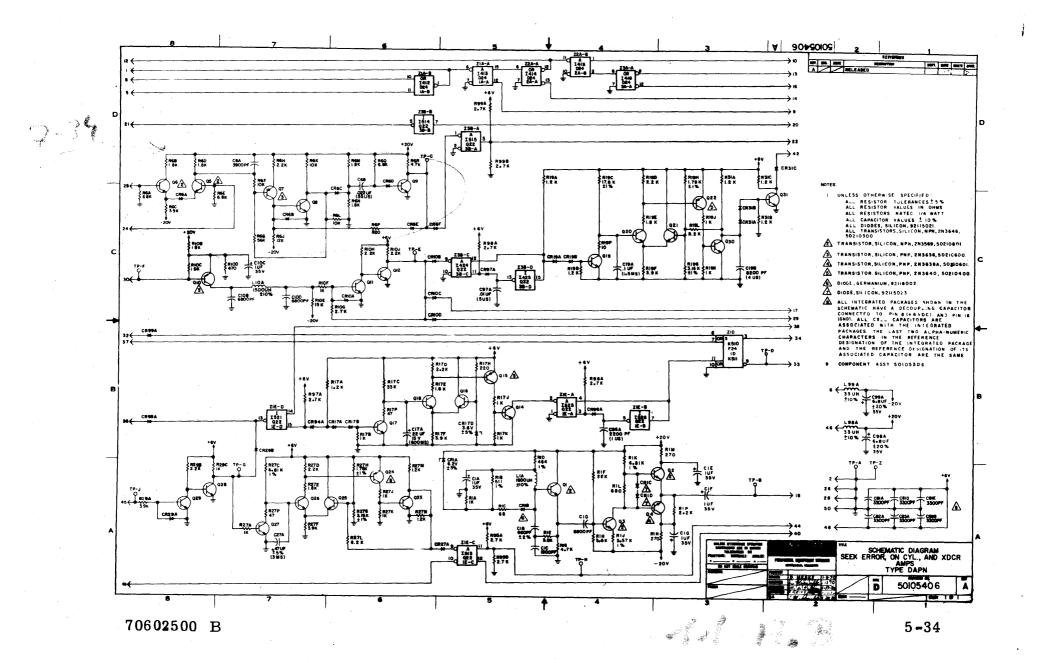
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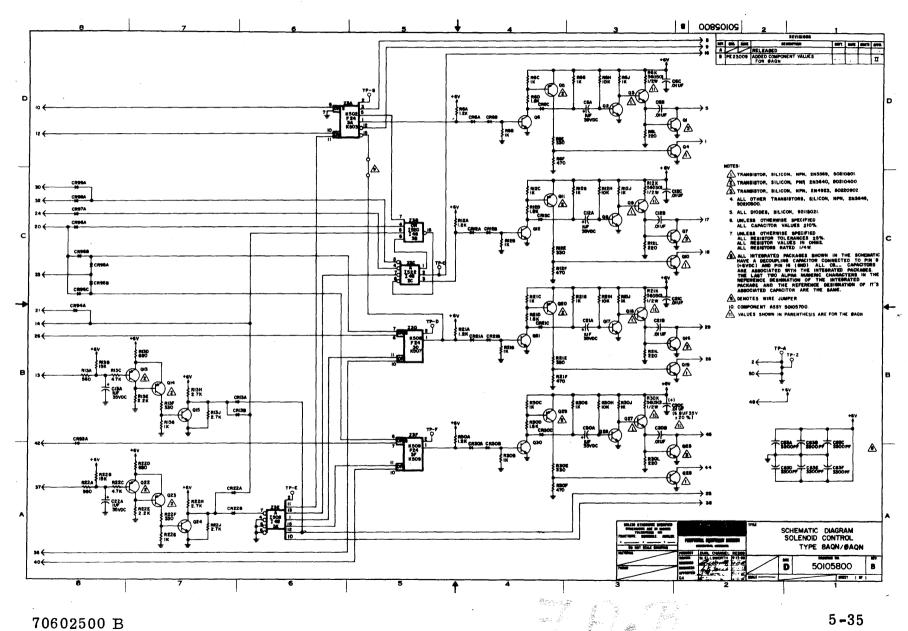




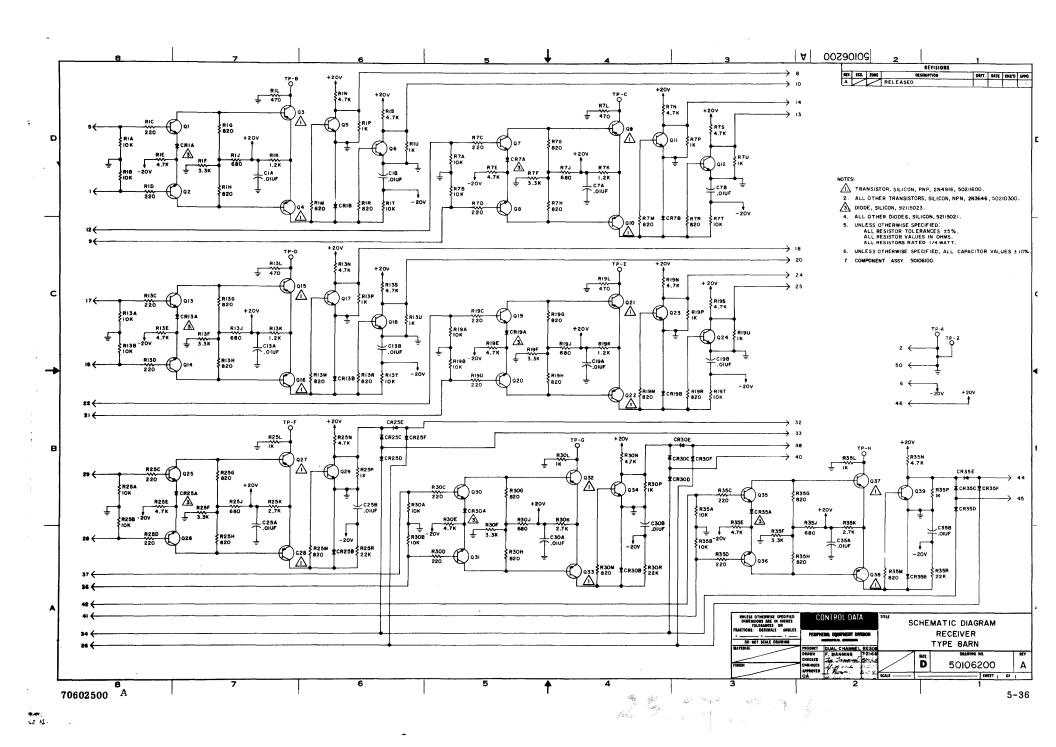


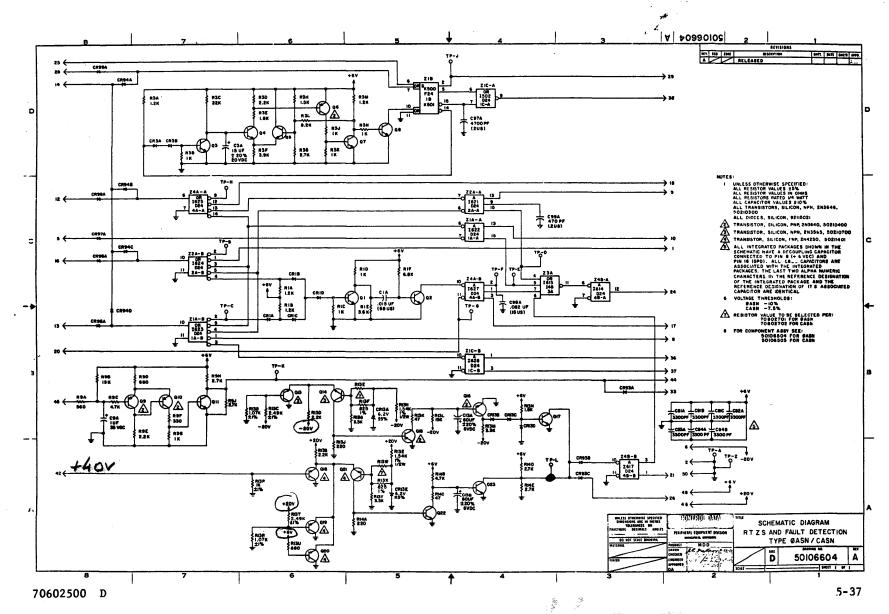


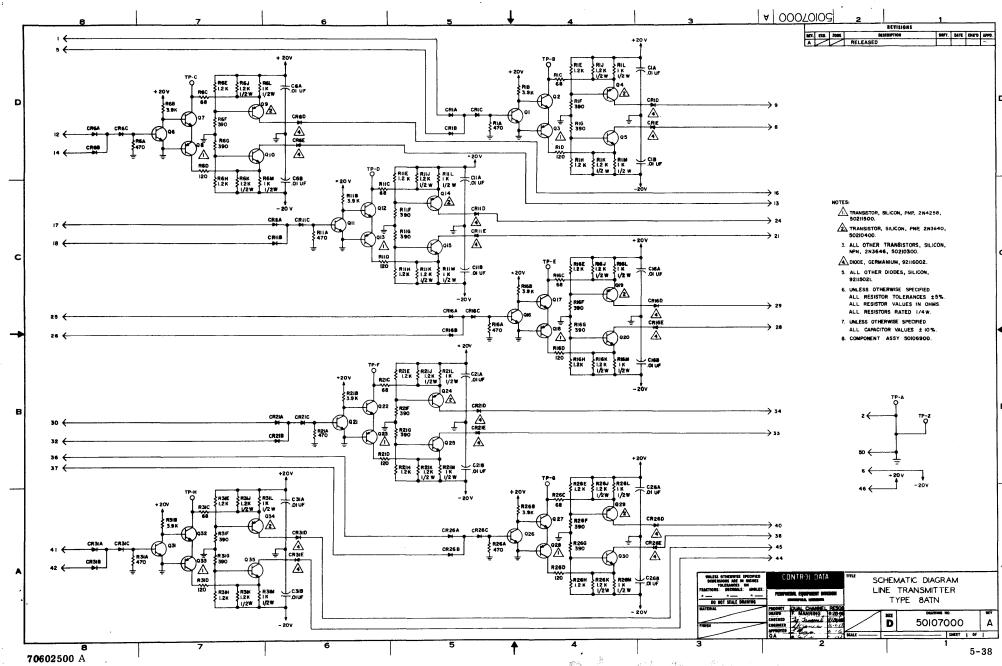


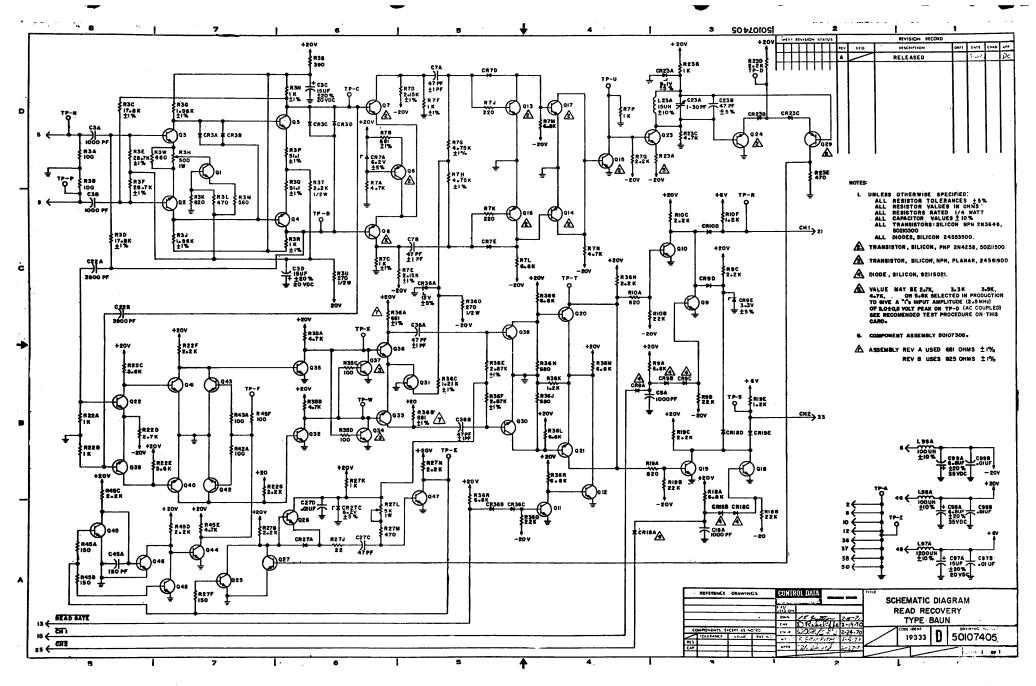


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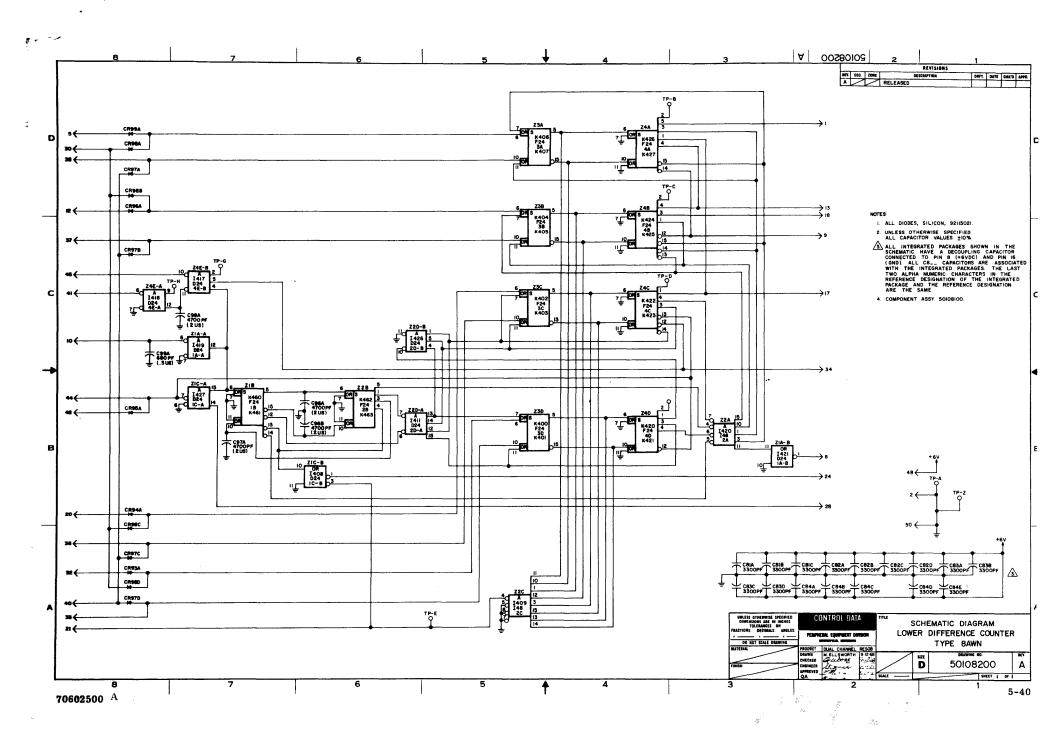


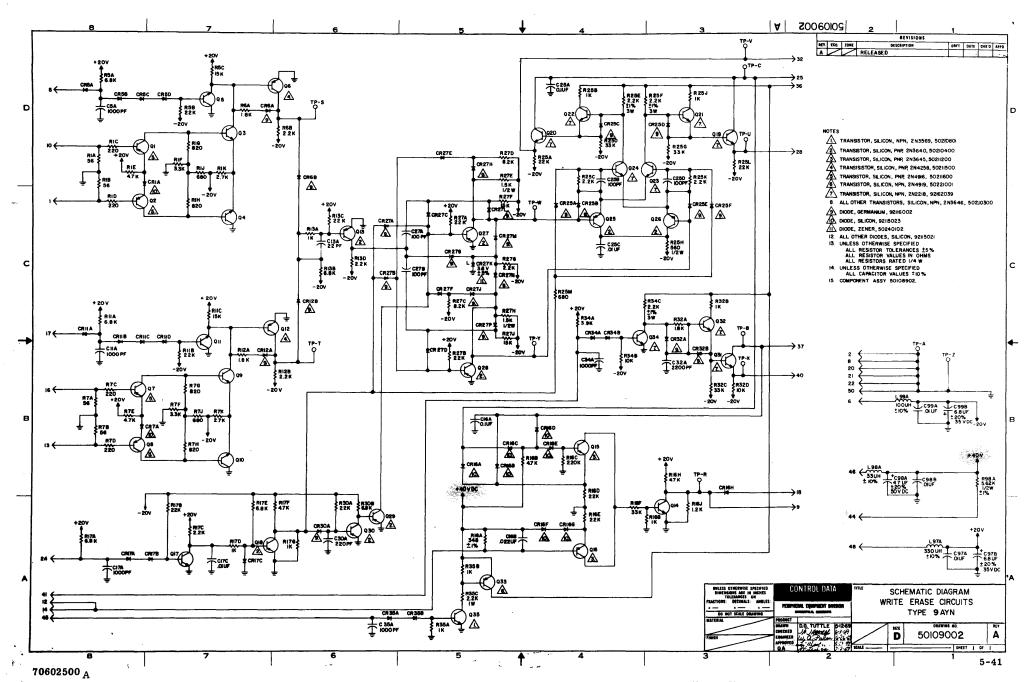


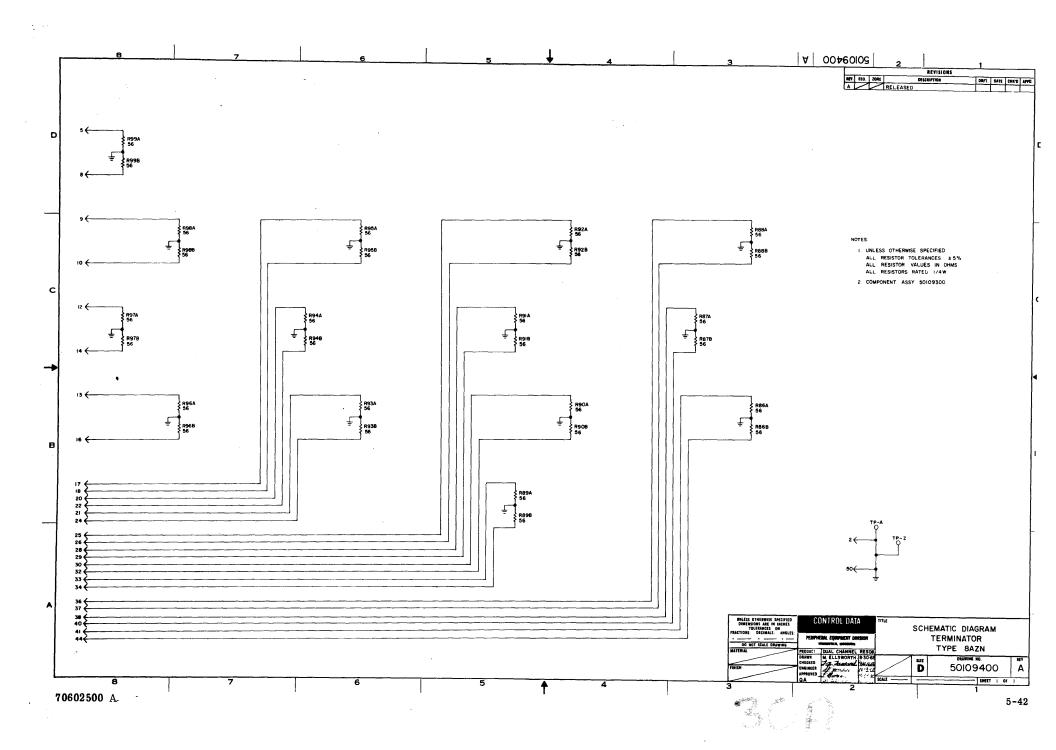


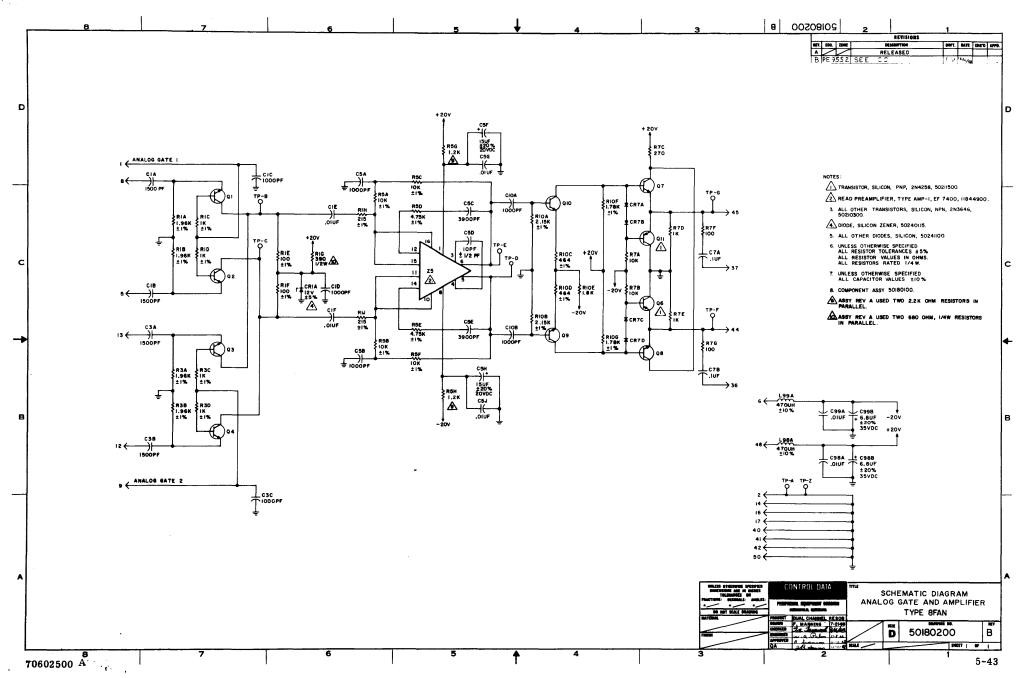
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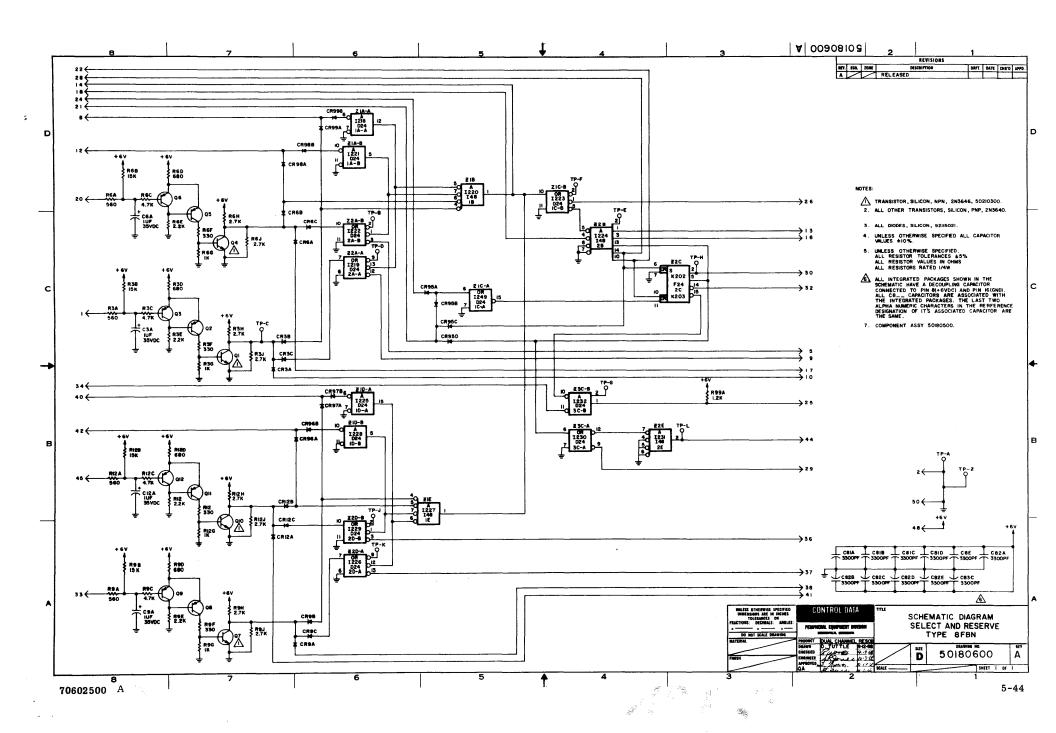
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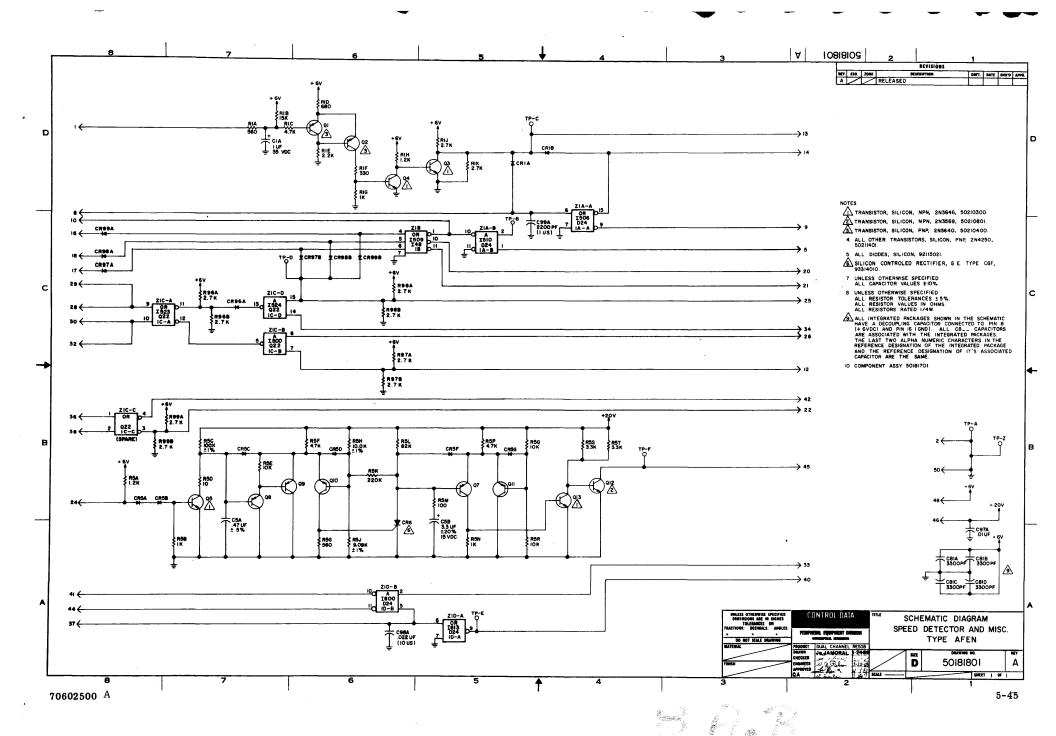


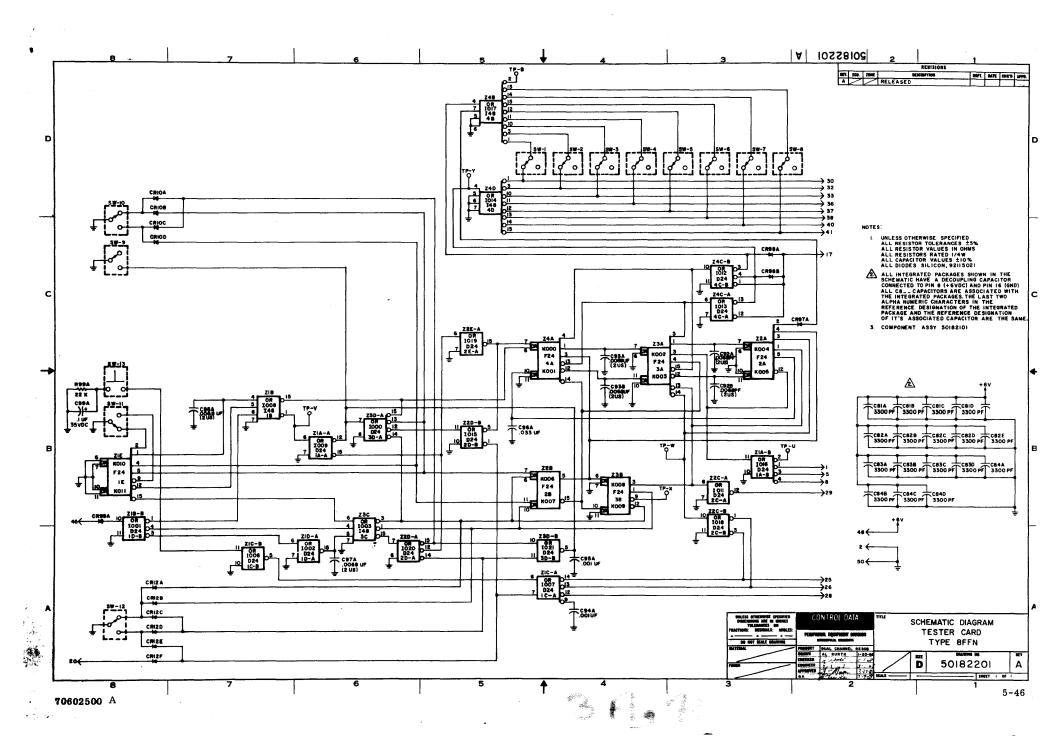


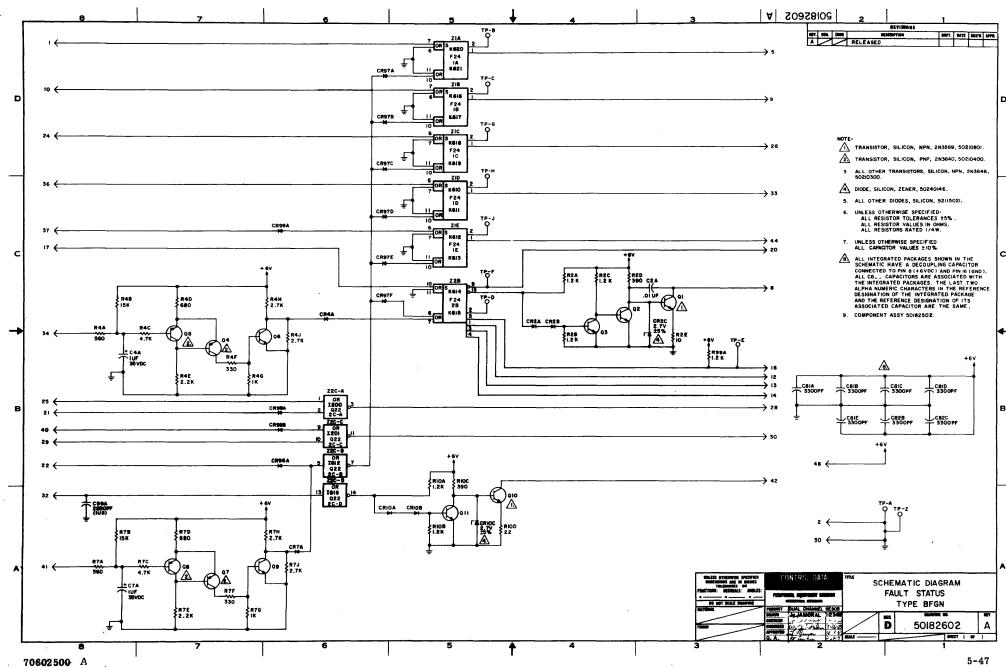




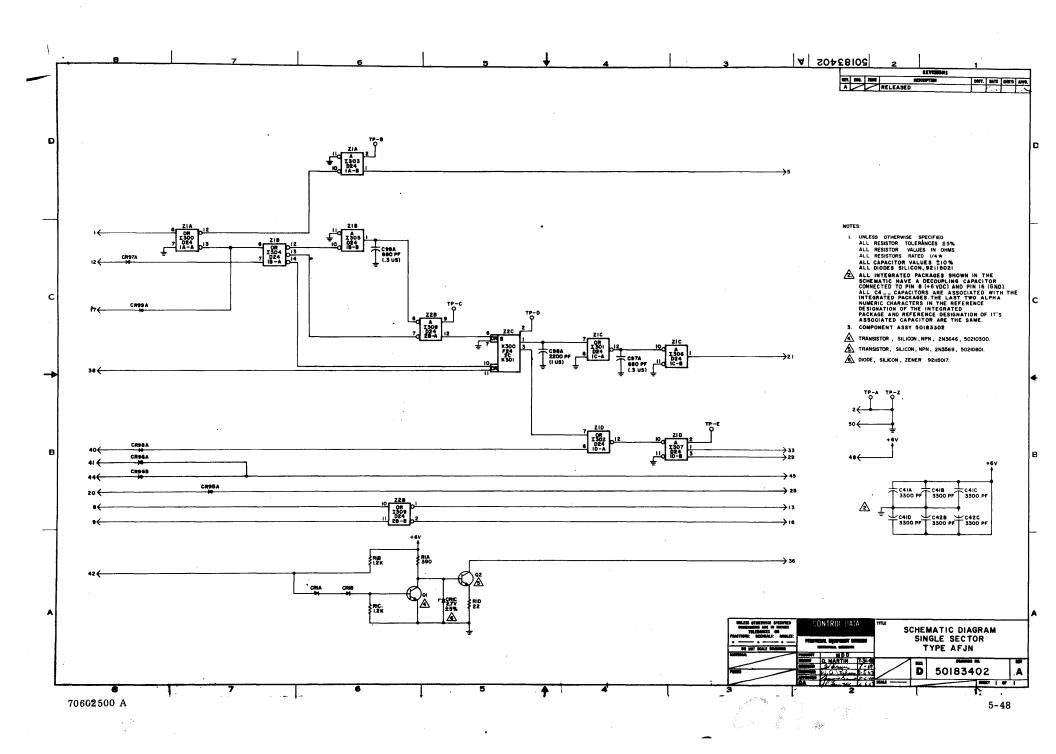








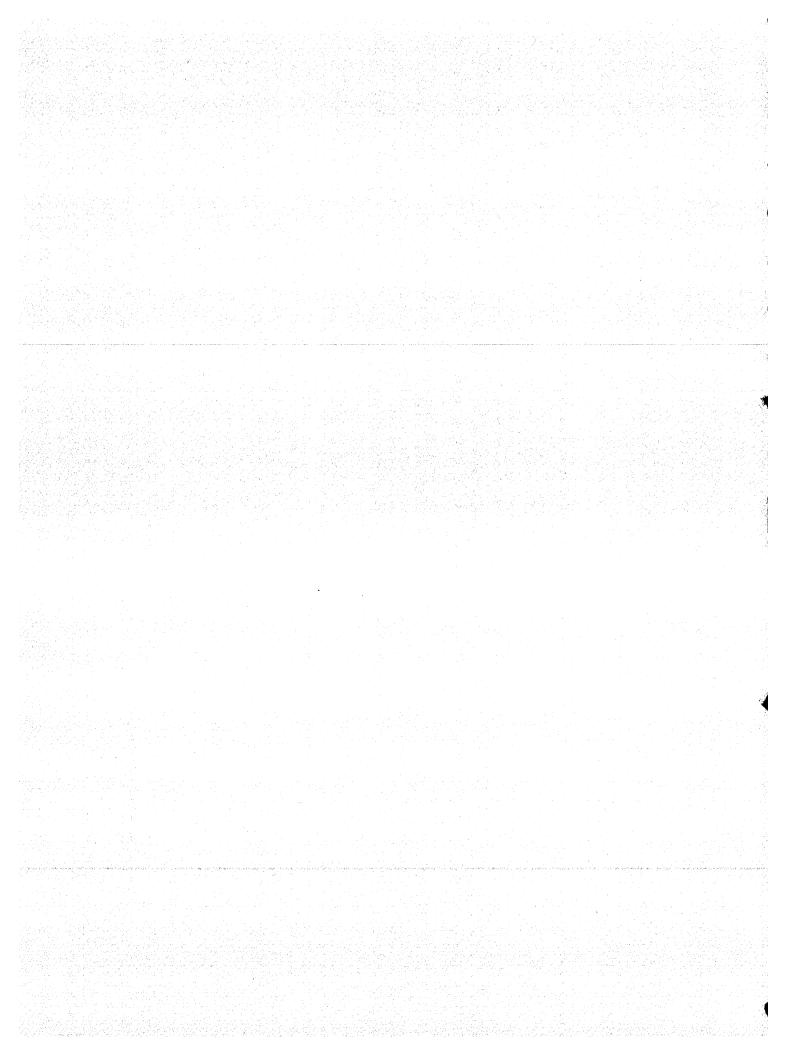
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SECTION 6

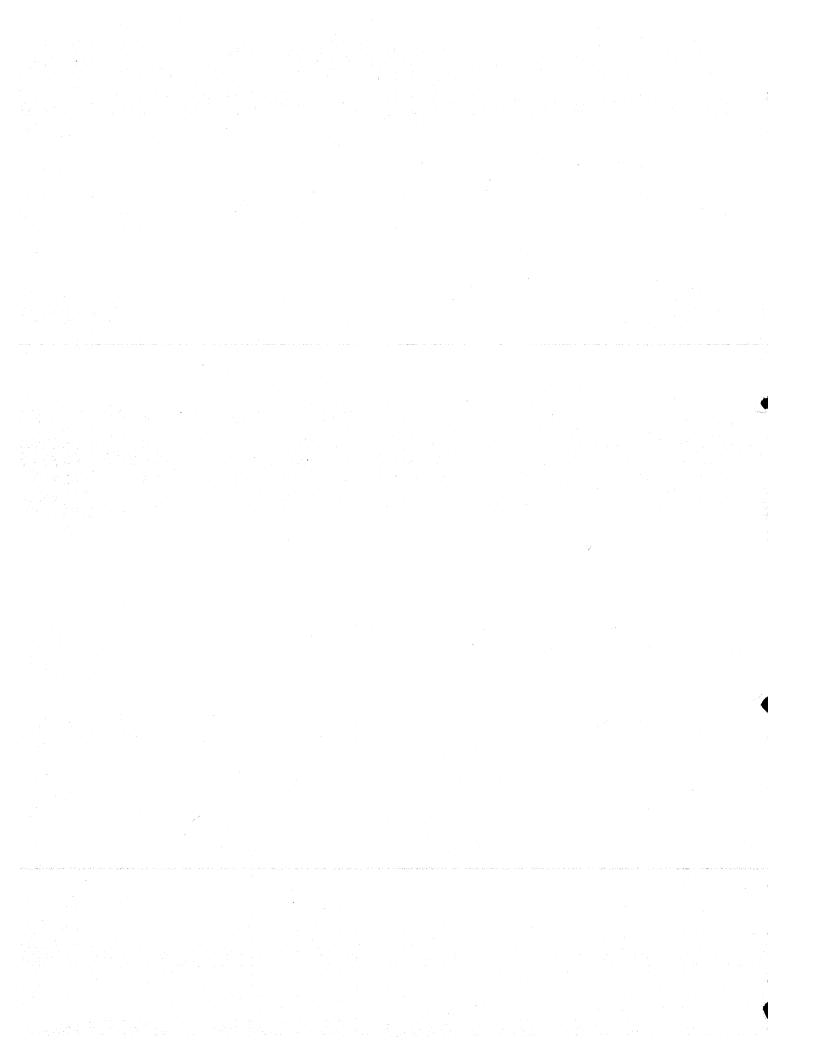
MAINTENANCE

Information for this section is included in BM1A5 Multiple Disk Drive.
Pub. No. 70602400



SECTION 7

MAINTENANCE AIDS



MAINTENANCE AIDS

GENERAL

Section 7 contains information on logic circuits, the criteria used in determining the further usability of read/write heads and disk packs, and the tester card used in the Maintenance section.

SPL LOGIC

The logic used in this device is generally termed SPL (Silicon Peripheral Logic). It consists of two styles of circuits: discrete component and Intebrid. Discrete component circuits contain individually identifiable resistors, capacitors, transistors, etc. An Intebrid circuit is a chip containing an integrated circuit(s).

PHYSICAL DESCRIPTION

All components of the SPL cards are mounted on one side of a printed circuit board (Figure 7-1) which is 6 inches wide and 4-3/4 inches high.

The cards are pluggable and are restricted in vertical and horizontal movement by card guide spacers when inserted into the panel connectors. A card puller (PN 84146900) which grips the upper and lower edges of the card is used for removing the cards. No special tools are required to insert a card.

Numerical designators (1 through 99) are etched on the non-component side of the board to identify each transistor. A 4-character alphanumeric designator is etched on the non-component side of the board to identify the card type. A matrix code (alphanumeric) also appears on this side. Non-amplifying components such as Intebrid chips, resistors, capacitors, diodes, etc., are not marked.

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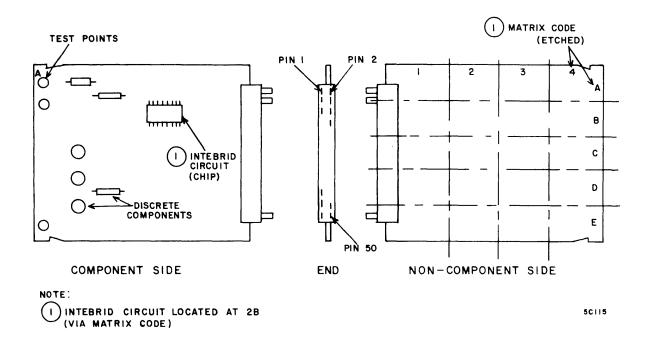


Figure 7-1. SPL Card

Pin Assignments

7-2

The module connector consists of a 37-pin male blade connector mounted along the 4-3/4 inch board dimension on the component side of the board.

Connector pins are numbered from the top starting with pin 1 and continuing through pin 50 on the bottom. Thirteen pin positions are omitted. These are 3, 7, 11, 15, 19, 23, 27, 31, 35, 39, 43, 47, and 49.

Six pins of the 37-pin connector are reserved as follows:

Pin 2 Ground
Pin 4 -6v
Pin 6 -20v
Pin 46 +20v
Pin 48 +6v
Pin 50 Ground

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Test Points

Test points are located near the edge of the module opposite the connector and in other strategic places on the component side of the board. Test points are assigned alphabetically starting with A on the top, outer edge. In most cases, test points A and Z are available for ground reference.

USE OF RELATIVE LEVEL INDICATORS

The relative level indicator is a small circle located at the origin or termination of a signal line, and tangent to a logic symbol. The presence or absence of this indicator tells the conditions that are necessary to satisfy the function of the logic symbol. The presence of the circle indicates a 0 logic level on that line is needed to satisfy the function. The absence of the circle represents a logical 1 needed to satisfy the function.

AND FUNCTION

The relative level indicator used with an AND logic function may be interpreted in this way: Only under the stated input conditions will the stated output condition occur. Under all other input conditions, the stated output will not occur. For example, Figure 7-2 indicates that only when A and B are 0 logic level (indicated by the circle on their respective inputs) will the output of C be a logical 0 (indicated by the circle on the output line). Under all other input conditions, output C will be a logical 1.

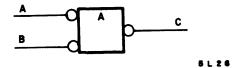


Figure 7-2. AND Function

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OR FUNCTION

The relative level indicator used with an OR logic function may be considered as follows: If one or the other, or both of the stated inputs are present, then the stated output will occur. Only when both of the stated inputs are not present will the stated output be changed. For example, Figure 7-3 indicates that if either A is a logical 0 (represented by the circle on its input) or B is a logical 1 (represented by no circle on its input), or both A is a logical 0 and B is a logical 1, then output C will be a logical 0. Only when A is not a logical 0 and B is not a logical 1, will C not be a logical 0.

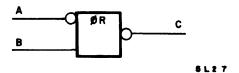


Figure 7-3. OR Function

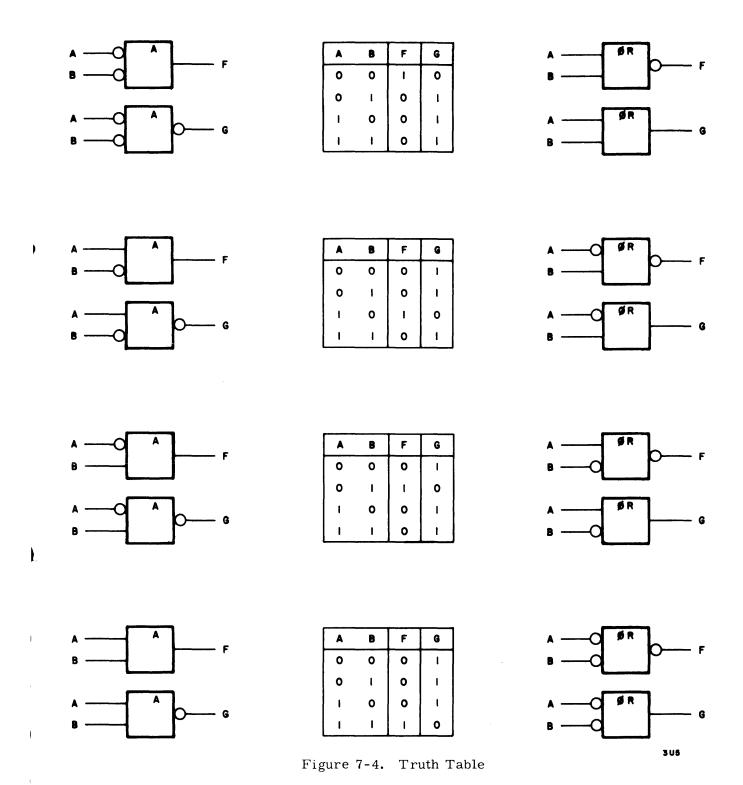
A complete truth table for use with relative level indicators is given in Figure 7-4.

INFORMATION CONTAINED WITHIN LOGIC SYMBOLS

Discrete Component Circuits

Figure 7-5 shows a schematic (as shown on card schematic diagram) and the logical representation (as shown on logic diagrams) for the same discrete component circuit. Four lines of information are contained within the logic symbol. The top line is the function identifier and designates the broad logic function of that particular symbol. In this case, PA represents a high level amplifier, the logic function performed by the circuit. The third line, also an alphabetic code, designates the circuit type being used (HAB). The circuit type is a subdivision of the function identifier (a specific high level amplifier). By using the circuit type designator, detailed information on that particular circuit can be derived in the following paragraphs (see Discrete Component Circuit Descriptions).

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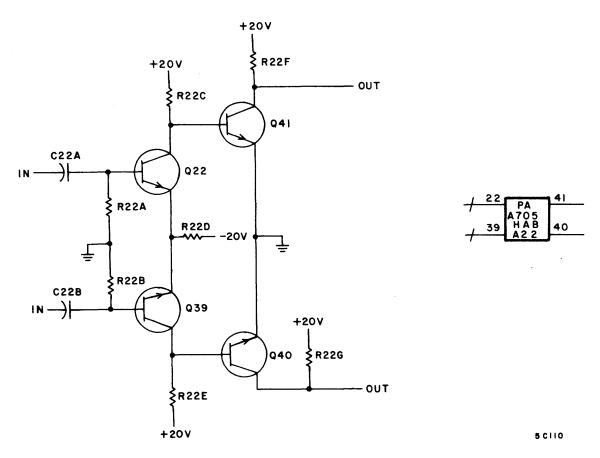


Figure 7-5. Discrete Component Circuit

The second line within the symbol is used to differentiate that particular symbol from similar symbols that appear in the logic diagram. It is called the logic term and consists of a one-letter prefix and an assigned identification number (in this case, A705).

The numbers on the input lines to the symbol indicate which transistor is driven by that input line. For example, the upper input has a number 22 on its line, showing that it drives transistor number 22 (ie., Q22 on the card schematic diagram).

The output lines also have numbers associated with them. These numbers indicate which transistor directly feeds the output line. For example, the lower output line has a number 40 above it, indicating that the output from transistor number 40 (Q40 on the

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card schematic diagram) drives the lower output line. For other circuits additional transistor numbers may appear below the logic symbol. These numbers refer to internal transistors that are not directly connected to any input or output line, but are a part of the circuit.

Intebrid Circuits

Figure 7-6 shows the schematic version (as shown on card schematic diagram) and the logical representation (as shown on logic diagrams) for the same Intebrid circuit. The first and second lines of information inside both blocks are the same, and have the same meaning as for the discrete component circuit.

Line three identifies the Intebrid circuit type (D24), and on the logic symbol additionally identifies the section (B) of the circuit chip. (Refer to the Key to Logic Symbols sheet of the logic diagrams for detailed coverage of Intebrid circuit types being used and the number of sections in each chip.)

The fourth information line in the block is for location information. On the schematic version, 1C identifies the matrix block (Figure 7-1) in which the chip is located and B identifies the section of the chip. The fourth line of the logic identifies the card matrix location and it also identifies the logic chassis row (A) and the mating connector in the row (13).

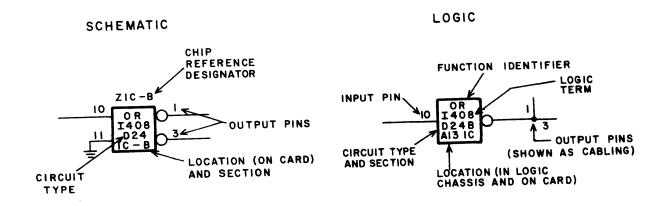


Figure 7-6. Intebrid Circuit

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Pin information for the schematic and logic versions are similar with two exceptions. The logic version does not show unused chip pins, whereas the schematic version shows all unused pins connected to ground. Secondly, the schematic version shows a separate origin for each chip output pin, while the logic version may show a single origin and identify each pin as the line branches to its destination. This scheme is termed cabling and conserves space and preserves appearance.

WIRED FUNCTIONS

The logical representation for wired functions is shown in Figure 7-7. These functions are used where circuits have the capability of being combined as an AND function by having the outputs connected. This is simply a physical connection and no electrical or electronic components are involved. However, the logical interpretation of the wired function is consistent with the AND truth table in Figure 7-4. Arrowheads are used to depict logic flow into the gate. The gate output has no arrowhead.

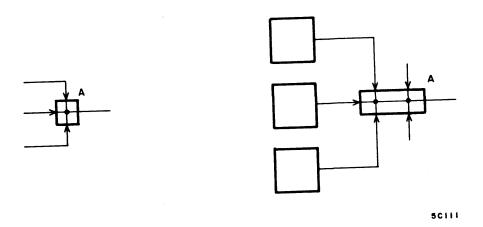


Figure 7-7. Wired Functions

STANDARD/NON-STANDARD LOGIC LEVEL INDICATOR

The input to a logic function at a voltage other than the standard logic level is represented by a slash across the non-standard level line. Absence of the slash (or absence of an A, see below) indicates a standard logic level on that line. Figure 7-5 illustrates the use of this symbol.

When the input signal to a logic function is an analog signal, the input line will have an A across it.

INTEBRID CIRCUIT DESCRIPTIONS

Detailed functional descriptions and schematic diagrams for Intebrid circuits are provided in CDC Pub. No. 60201000.

DISCRETE COMPONENT CIRCUIT DESCRIPTIONS

Figures 7-8 through 7-51 are the schematic diagrams for the discrete component circuits used in this device. A verbal description supports each circuit diagram.

The order of presentation is in accordance with the 3-letter alphabetical circuit type designator.

Low Level Amplifier - FAB

The FAB circuit (Figure 7-8) is a low level amplifier that amplifies the analog read signal from the head. Input B is a gate input.

When input B is +20v, diodes CRNA, CRNB, CRNC, CRND, CRNE and CRNF are forward biased. The voltage between CRNC and CRNE and between CRND and CRNF is clamped at approximately +2.0v. With all diodes forward biased, the read signal can pass to the amplifier.

When input B is ground, diodes CRNG and CRNH clamp the voltage at +0.6v. This reverse biases the input diodes. No read signal can enter.

The preamplifier is a three stage amplifier using an emitter follower output stage for low output impedance. The integrated preamplifier has discrete component ac and do feedback.

AC feedback is provided by CNE and RNH in the top half and CNF and RNJ in the lower half of the circuit. The signal is brought back to the emitters of the input stage to increase input impedance.

DC feedback is provided by RNG, RNE and CNC (to ground) in the upper half and RNK, RNF and CND (to ground) in the lower half of the circuit. This feedback helps to stabilize the output.

Capacitors CNG, CNH and CNJ, and CNK filter noise from the +20v and -20v power supplies, respectively. The electrolytic capacitors filter low frequency noise. The paper capacitors filter high frequency noise.

Open loop gain in the amplifier is approximately 180. Closed loop gain in the amplifier is approximately 30.

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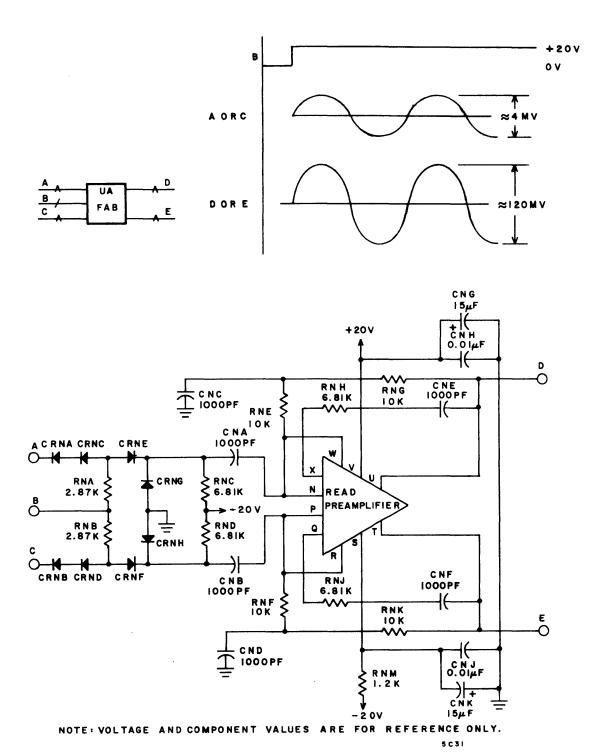


Figure 7-8. Low Level Amplifier - FAB

Gated Intermediate Level Amplifier - GJA

The GJA circuit (Figure 7-9) is an analog gate that is controlled by input B. When input B is +20v, both transistors are on. All analog signals pass through the circuit. Capacitors CNA and CNB ensure that only analog signals are passed. CNC filters noise spikes from the gating signal. Dc power for the transistors is supplied by the circuit in the next stage.

When input B is +0.2v, both transistors are off. No signals pass through the circuit.

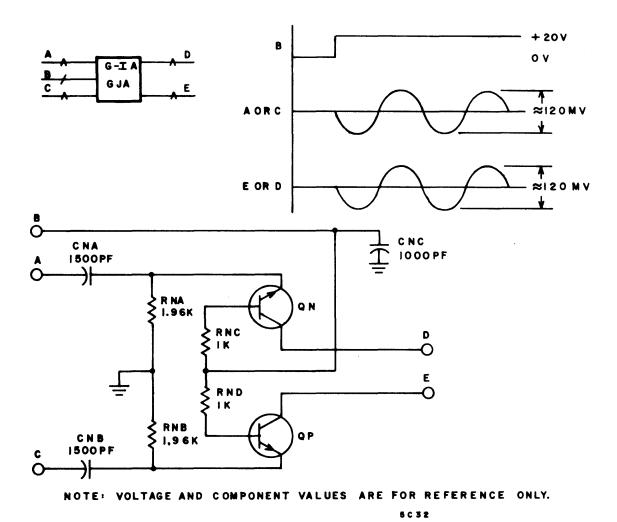


Figure 7-9. Gated Intermediate Level Amplifier - GJA

High Level Amplifier - HAA

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The HAA circuit (Figure 7-10) is gated by an analog gate circuit (GJA) and provides the load and biasing for that circuit.

The preamplifier, ac feedback and dc feedback are identical to the FAB circuit. Capacitor CND is added to the output of the second stage to decouple high frequency noise.

High Level Amplifier - HAB

Input to the HAB circuit (Figure 7-11) is a balanced square wave. Output is also a balanced square wave that follows the input.

When input A is positive, B is at 0v. Transistor QN is on and QP is off. The base of QQ falls to near ground. Transistor QQ is off. Output C rises to approximately +0.7v. With QP off, QR turns on. Output D falls to ground.

When input B is positive, A is at ground. Transistor QN is off, QP is on, QQ is on and QR is off. Output C is at ground. Output B rises to +0.7v.

High Level Amplifier - HJA

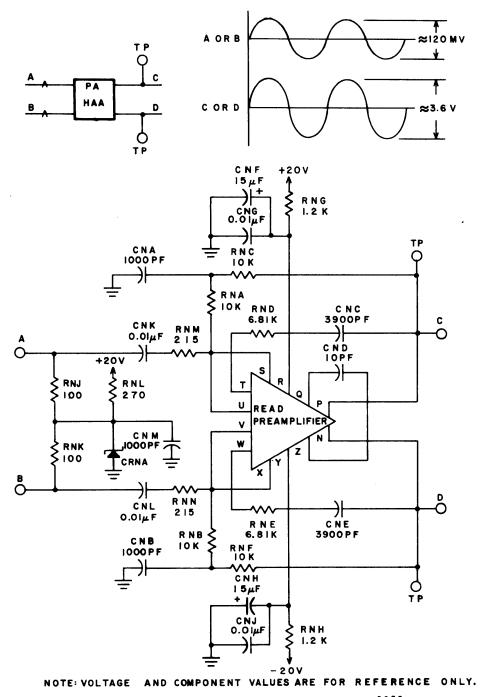
The HJA circuit (Figure 7-12) increases the input signal power to transmit over a coaxial cable. The input is a differential signal of approximately 3.6v peak to peak.

The input signal across A and B is divided between resistors RNA and RNB. Transistors QN and QP are forward biased with a gain of 3. The -20v through resistor RNH and diodes CRNA and CRNB and through resistor RNJ and diodes CRNC and CRND forward biases QQ and QT, respectively. Transistors QQ and QT are in a common collector configuration to provide a current gain.

Transistors QR and QS are emitter followers that draw very little current from QQ and QT. They provide low impedance for discharging CNC and CND, thus reducing delay time when crossing the zero volt point.

Output voltage is approximately the same as input voltage. Output current is 20 ma maximum.

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Figure 7-10. High Level Amplifier - HAA

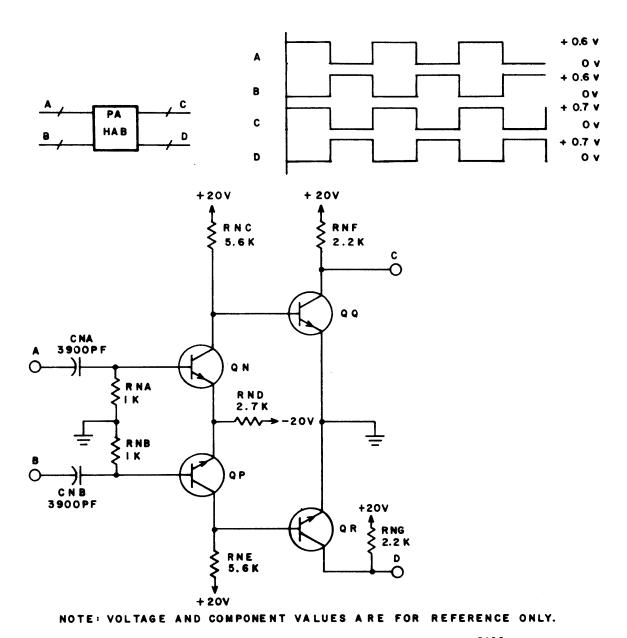


Figure 7-11. High Level Amplifier - HAB

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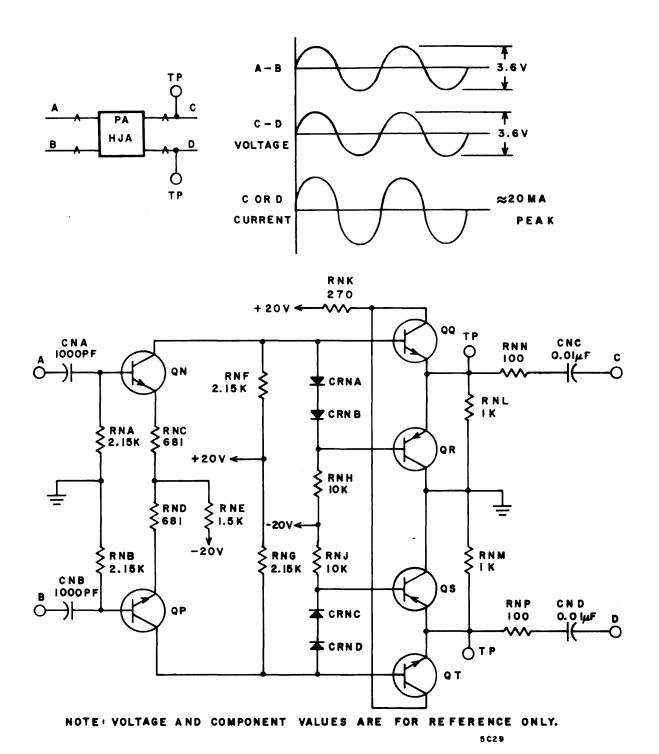
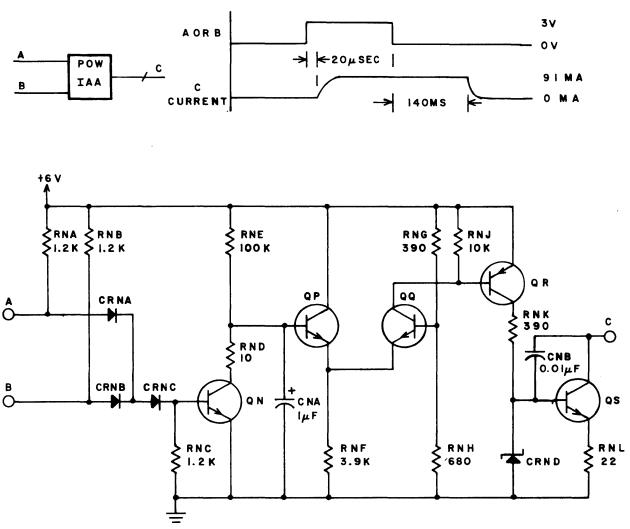


Figure 7-12. High Level Amplifier - HJA

Lamp Driver - IAA

The IAA Circuit (Figure 7-13) sinks a current of 91 ma to drive a lamp. Capacitor CNB slows down switching time of QS and provides a ramp output to prolong the life of the lamp. A "1" input at either A or B or both lights the lamp. Only when both A and B are "0" is the lamp extinguished.



NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

Figure 7-13. Lamp Driver - IAA

A "1" at either or both inputs turns QN on. CNA discharges through RND and QN. The base of QP goes to ground. Transistor QP is off, so the base of QQ (3.8v) is more positive than its emitter. Transistor QQ is on, causing current to flow through RNJ. The voltage drop across RNJ (approximately 0.7v) turns QR on. Transistor QS turns on. Zener diode CRND clamps the voltage across RNL at 2.0v, which is a current of 91 ma.

A "0" at both inputs turns QN off. CNA charges through RNE until QP turns on. With QP on, QQ, QR and QS are off. No current flows in the lamp.

Lamp Driver - IBA

The IBA circuit (Figure 7-14) sinks a constant load current of 200 ma. Capacitor CNA ramps the output to prolong the life of the lamp connected to output B.

A "1" on input A turns QP on. The base of QN is at ground. Transistor QN is off. The base of QR is clamped at +2.7v by Zener diode CRNC. Transistor QR is on. A 2-volt drop across RNE assures a 200-ma current.

A "0" on input A turns QP off. The collector clamps at +0.7v when QN turns on. The base of QR goes to ground. Transistor QR is off. No current flows.

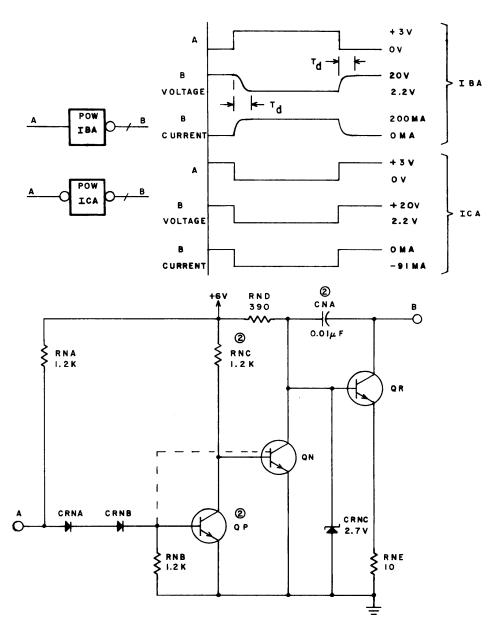
Lamp Driver - ICA

The ICA circuit (Figure 7-14) functions as a switch supplying current to a lamp at output B. When input A receives a "0" (ground) signal, the lamp turns on. When input A receives a "1" (+3v) signal, the lamp turns off.

Output B is connected through a lamp to a voltage supply, typically +20v. When input A receives a "0" signal, transistor QN turns off. This allows the +6v supply to forward bias transistor QR through resistor RND. Transistor QR turns on, conducting current from the voltage supply, through the lamp and RNE to ground. The lamp lights.

When input A receives a "1" signal, QN turns on. Transistor QN conducts current away from the base of QR, removing the forward bias. Transistor QR stops conducting. The lamp goes out.

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NOTES

- VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.
- ② COMPONENT AND CONNECTING WIRES NOT USED ON ICA. DOTTED LINE SHOWS QN BASE CONNECTION FOR ICA, ENTIRE CIRCUIT (LESS DOTTED LINE) FOR IBA.

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Figure 7-14. Lamp Driver - IBA, ICA

The voltage drop across RNE when QR conducts is directly proportional to the load current. At a load current of 200 ma, the voltage across RNE is 2 volts. The base of QR cannot go more positive than +2.7v because of Zener diode CRNC. Therefore, QR starts losing its forward bias when the load current reaches 200 ma (2 volts across RNE). Transistor QR is thereby protected against a short circuit.

Low Speed Driver - IDA

The IDA circuit (Figure 7-15) acts as a switch. Outputs B and C are connected through external resistors and a common load (typically a solenoid) to an external voltage supply. A "1" at input A causes current to flow through the external load. A "0" at input A shuts off the current flow.

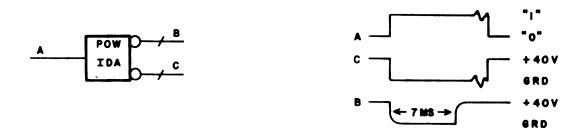
A "0" at input A turns off transistor QN. The emitter and base of QP are both at +6v. Transistor QP is, therefore, not conducting, which keeps QT from conducting. The left side of capacitor CNA charges to +6v, while the right side is held at approximately +0.7v by resistor RNH and the base-emitter voltage drop across QQ. Transistor QQ is held on by the current through RNH, driving the base of QR to ground. Transistor QR is off. The base of QS is at ground and is off. No current flows through the external load.

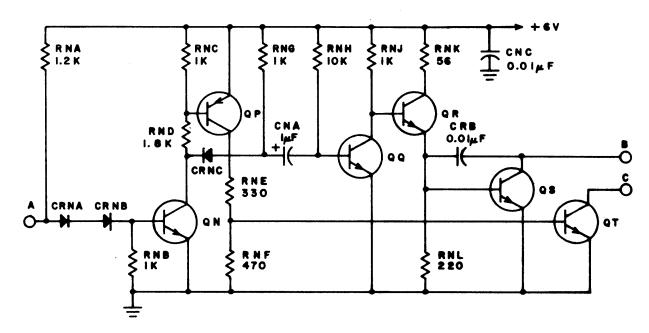
A "1" at input A turns on transistor QN. The base of QP goes to ground, turning QP on. This allows the +6v supply to flow through RNE to the base of QT, turning it on. Then, 200 ma of current flows through the external load and QT to ground.

When the collector of QN goes to ground, the left side of CNA also goes to ground. This back biases the base-emitter junction of QQ by approximately 5.3v (the original voltage across CNA). Transistor QQ turns off, allowing the base of QR to go positive. Transistor QR turns on and drives the base of QS positive. Transistor QS turns on and allows an additional 850 ma of current through the external load and QS to ground.

The base of QQ then rises toward +6v through the charging action of resistor RNH on CNA. When the base of QQ reaches +0.7v, QQ turns on and QR turns off. This stops the current flowing through QS by driving the base of QS to ground. The 850 ma of current through QS lasts approximately 7 ms.

CNB limits the rise and fall time of the 850-ma current pulse.





NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

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Figure 7-15. Low Speed Driver - IDA

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Write Driver - JAB

The JAB circuit (Figure 7-16) provides current to the write heads so that data may be recorded. Outputs E and F are connected to opposite ends of the write head, which is center tapped to ground. When input A is positive, current flows through output E to its half of the write head. When input B is positive, current flows through output F to its half of the write head. When A is positive and the unit is writing, B is negative. When A is negative and the unit is writing, B is positive. Therefore, only one half of the write head may be activated at any one instant while the unit is writing.

With a positive charge on input A transistor QN is off. The base of QR is positive and the emitter of QS is positive. The negative voltage at B turns transistor QT on. This drives the emitter of QR negative. Transistor QR conducts, driving the base of QQ to about -2v. Transistor QQ is an emitter follower, so the emitter of QQ is also near -2v. The -2v on the base of QP turns QP off. No current flows through output F (-20v through resistor RNA only reverse biases an external diode). With QT on, the base of QS goes slightly negative. Transistor QS is off, allowing the base of QU to go to +40v. Transistor QU is an emitter follower, so the emitter of QU also goes to about +40v. The +40v on the base of QV turns QV on. Current now flows from a +40v supply connected to output G through transistor QV and its half of the write head to ground. A resistor lies between output E and the write head to limit the current flow in the write head.

When input A goes negative and B goes positive, QN and QS are on and QR and QT are off. On the bases of QQ and QU are currents of +40v and -2v, respectively. The emitter of QQ goes to about +40v. The emitter of QU goes to about -2v. Transistor QV is off. No current flows through output E. Transistor QP is on. Current flows from the +40v source connected to output G through QP and its half of the write head to ground.

Input D supplies a negative voltage when the unit is writing to reverse bias diodes CRNA and CRNF. If the unit is not writing, D is grounded and both inputs A and B go negative. This turns on QR and QS. Transistors QP and QV are, therefore, off and no current flows through the write head.

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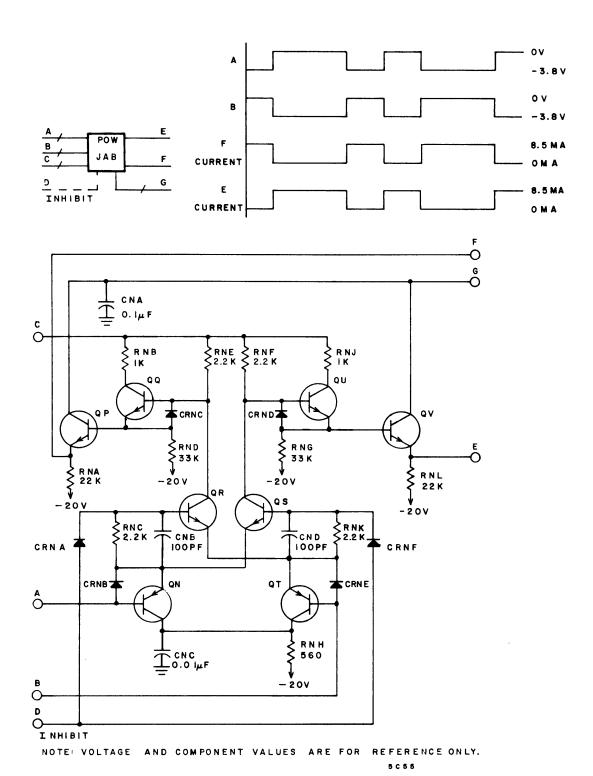


Figure 7-16. Write Driver - JAB

Erase Driver - JBB

The JBB circuit controls the current driving the erase heads. When input E (Figure 7-17) is a high voltage, output H provides current to erase heads.

When input E goes to a high voltage, capacitor CPA charges, causing a 10- μ sec delay before transistors QR and QP turn on completely. Output G is connected to a +40v supply in a fault detect circuit. When QR is on, current flows from G through QR to the erase head connected to output H. The ramp output protects the information on neighboring tracks from being destroyed.

When E drops to 0v, CPA discharges through RPA. After 10 μ sec, QP and QR are off. Output H is at 0v.

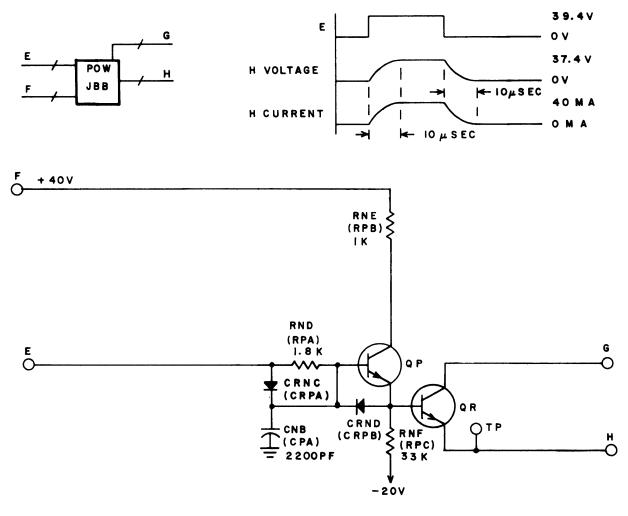
Line Transmitter - LAA

The LAA circuit (Figure 7-18) provides a positive voltage output at C and a negative voltage output at D when either A or B or both are a "1" input. When A and B are both "0", the output is determined by the external load circuit connected to C and D.

If both A and B are "0", QN is off. The base of QP goes positive and QP conducts. This causes the emitter of QQ to be more positive than its grounded base. Transistor QQ conducts. The collector voltages for QP and QQ will be approximately +0.9v and +0.2v, respectively. The difference in collector voltage is due to the positive charge on the base of QP and the grounded base of QQ. RNC is smaller than RND to compensate for this voltage difference. The emitters of QR and QS will be at +2.4v and -4.0v, respectively. The base of QR is held at about +4.9v by RNF and RNE. The base of QS is held at about -4.9v by RNG and RNH. Both QR and QS are off. The voltage at C and D is, therefore, dependent on any external voltage supply that may be present.

If either or both of the inputs go to "1", QN turns on. Current flows away from the base of QP turning QP off. Transistor QQ is, therefore, off. Transistors QR and QS are then forward biased and conduct about 25.0 ma of current. CRND and CRNE are forward biased and the output at C goes positive, while the output at D goes negative. The voltage of either output is determined by the current flow through the external load, but must be kept under 4.9v.

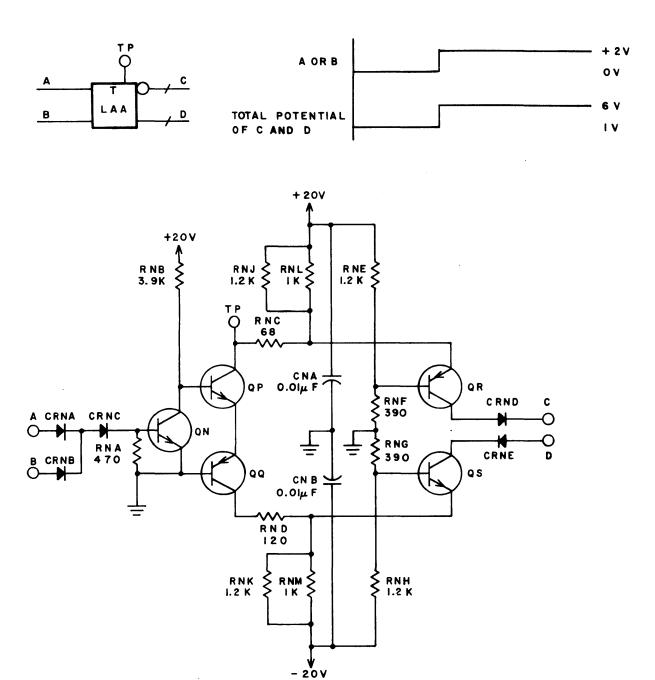
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NOTES:

I VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

Figure 7-17. Erase Driver - JBB



NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

Figure 7-18. Line Transmitter - LAA

5 C 2 O

Oscillator - MAA

The MAA circuit (Figure 7-19) produces an amplified, oscillating signal at a prescribed frequency. The circuit description is divided into three parts: the D.C. conditions throughout the circuit; the oscillator section of the circuit; and the amplifier circuit.

D.C. Conditions

CRNA, RNA, RNB and RND hold the base of QN at approximately +17 volts. CRNB is reverse biased by 3 volts and does not conduct. The emitter of QN is held at about +16v, producing a collector current in QN of about 16 ma.

The base-emitter voltage drop across QR holds the base of QR near +0.7v. The current through RNH is then 5.1 ma. With the base current of QR at a low level, the 5.1 ma must flow through RNJ. The voltage at the junction of the emitters of QP and QS must then be about +10v. To maintain this +10v, the collector voltage of QR must be near +10v. The collector current of QR is, therefore, 5.55 ma.

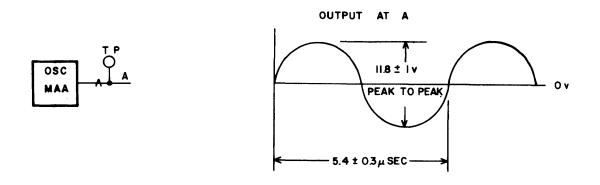
Oscillator

Transistor QN acts as an emitter follower yielding a high current gain with nearly no voltage loss. CNB, CNC, and LNA form a resonant network. Near the resonant frequency, the signal voltage at the junction of LNA and CNB can be much greater than the voltage through RNE in the feed-back portion of the circuit. The gain around the loop formed by QN, RNE, CNB and LNA is greater than 1. The system, therefore, oscillates. When the signal at the base of QN exceeds 6v peak to peak, QN approaches saturation, thereby limiting the amplitude of the oscillation.

Amplifier

Transistor QR is a common emitter amplifier. The output of QR is directly connected to the bases of QP and QS. Transistors QP and QS are emitter followers that provide a low impedance output. Capacitor CNF isolates dc voltages from the load.

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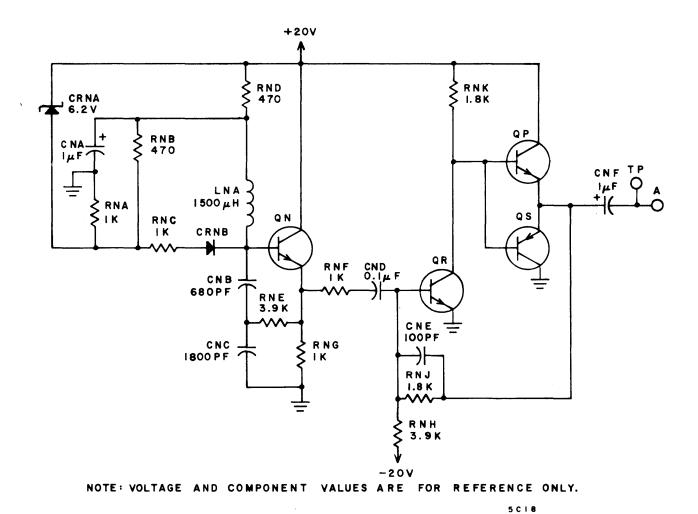


Figure 7-19. Oscillator - MAA

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Waveform Generator - MBA

The MBA circuit (Figure 7-20) is a waveform generator whose output at C is normally at "0" when both inputs A and B are at a "0". When either or both of the inputs go to a "1", a "1" pulse is created at output C for a predetermined length of time.

When both inputs are at "0" (ground), transistor QN is turned off. Transistor QP is forward biased by the +6v source through RNF. Transistor QP then conducts current from output C directly to ground. The output is a "0". During this period the left side of CNA goes to about +5v, while the right side is held at +0.7v by the base-emitter voltage drop across QP.

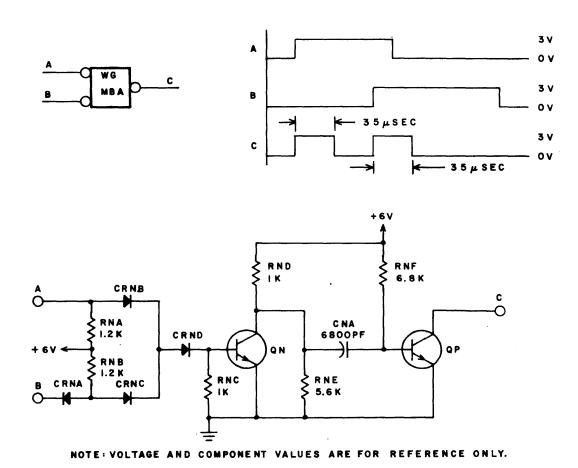


Figure 7-20. Waveform Generator - MBA

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When either or both of the inputs experience a "1", QN turns on. Transistor QN then conducts current away from the left end of CNA, driving it to approximately ground. The voltage across CNA cannot change immediately, so the base of QP goes to about -4.3v, turning QP off. With QP not conducting the output goes to a "1" (voltage is supplied by the circuit driven by MBA). CNA now charges through RNF until the base of QP reaches approximately +0.6v. Transistor QP then begins to turn on and the output falls back to "0". The pulse width in this case is about 35 usec.

When both inputs return to "0", QN is again turned off. The left side of CNA goes toward +5v through the voltage divider formed by RND and RNE. The right side of CNA is again held at +0.7v by the base-emitter voltage drop across QP.

Adjustable Waveform Generator - MBC

The MBC circuit (Figure 7-21) is a tuned amplifier which is rung by the negative clock and data pulses present at input A.

The tank circuit connected to the collector of QN is tuned (and is adjustable) to twice the frequency of the input data pulses (each data pulse falls between two clock pulses; absence of a data pulse is interpreted as a zero). The high Q of the circuit provides a fly wheel effect and yields a sinusoidal signal that is almost totally free of peak shift.

Transistors QP and QR form a zero-crossing detector, emitter follower circuit that provides high impedance so as not to distort the sine wave. The circuit clips the positive half of each sinusoidal excursion so that the signal at the TP is a half-wave rectified sine wave.

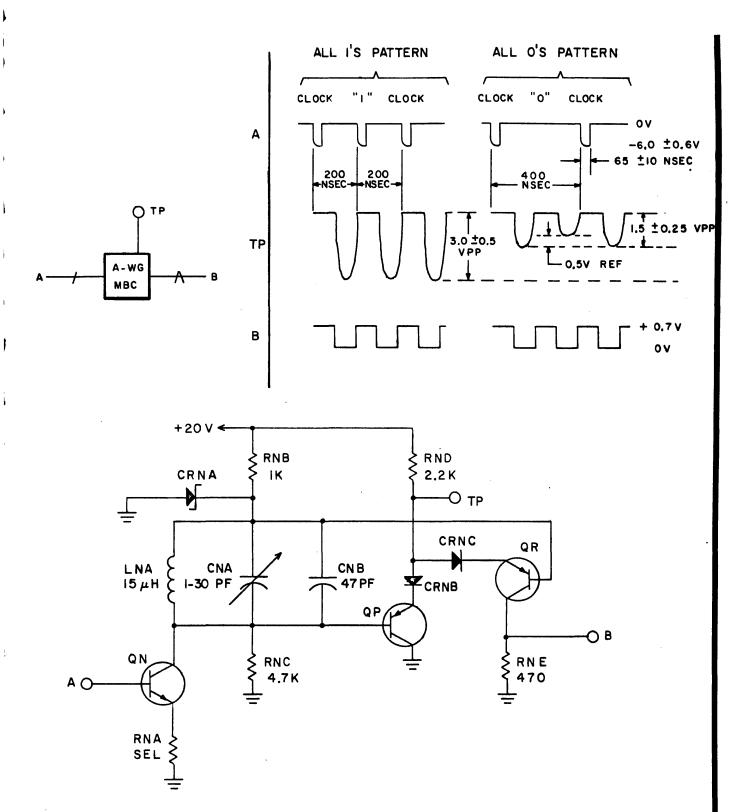
The transistor in the output load (next circuit) functions to clamp this rectified signal and to provide what is nearly a square wave output at B.

Quantizing Detector - QAA

The input at A to the QAA circuit (Figure 7-22) is an AC signal. When input A is positive, output B is a "0" or ground. When input A is a null, output B is a "1".

When input A is positive, transistor QN is off. The base of QR goes toward -20v, but is held at about -0.7 volts by CRNA. Transistor QR is, therefore, off. This allows the base of QP to go positive. Transistor QP turns on, leaving output B at ground.

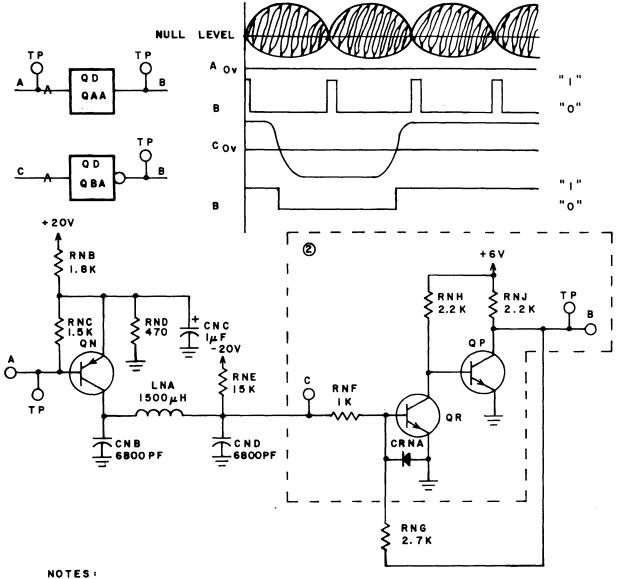
7-30 70602500 B



NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

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Figure 7-21. Adjustable Waveform Generator - MBC



- - SCHEMATIC. DOTTED LINE ENCLOSES SCHEMATIC FOR QBA. 5 C I 6

Figure 7-22. Quantizing Detector - QAA, QBA

7-32

When the signal on input A drops to a null, QN turns on, applying a positive charge across CNB. CNB, LNA and CND filter the signal to remove any variations in the envelop on the input signal (waveform A). When CND charges to a positive voltage, QR turns on. This drives the base of QP to ground. QP turns off, allowing current to flow from the +6v source through RNJ to output B. A "1" (+3v) appears at B.

Quantizing Detector - QBA

The QBA circuit (Figure 7-22) gives a "0" output at B when input C is negative. When input C is positive, output B will be a "1".

With a negative input at C, the base of QR is negative. The negative voltage is limited to about -0.7v by CRNA. Transistor QR turns off, driving the base of QP positive. Transistor QP, therefore, conducts current from the +6v source through RNJ to ground. Output B is at ground, or a "0".

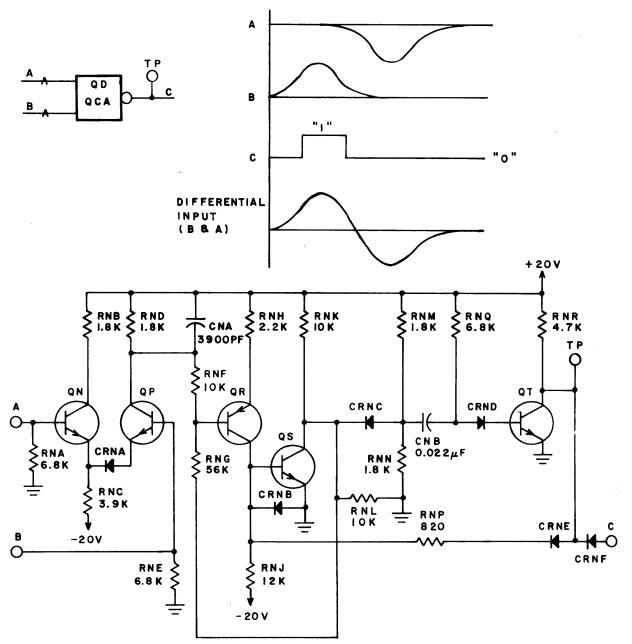
With a positive signal at input C, the base of QR is positive. Transistor QR conducts current from the +6v supply through RNH to ground. The base of QP is, therefore, at ground and QP is off. A voltage of +3v is therefore felt at output B (a "1").

Quantizing Detector - QCA

Inputs A and B of the QCA circuit (Figure 7-23) are connected to the outputs of a sector transducer preamplifier. Each time a sector is detected by the transducer, a $55-\mu$ sec "1" (+3v) pulse appears at output C. The input at A and B is an analog signal. The output at C is a standard logic signal.

With a 0-volt differential input across A and B, diode CRNA holds transistor QP off, while transistor QN is on. The collector of QP is at about +19v. Transistor QR is, therefore, off. The base-emitter junction of QS is reversed biased through resistor RNJ. Transistor QS is off. Transistor QT is turned on by the forward bias supplied through resistor RNQ and diode CRND. With QT on, diode CRNF is forward biased and conducts current from output C through QT to ground. The output is near ground, or a "0".

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NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

5 C 2 2

Figure 7-23. Quantizing Detector - QCA

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7-34

When a sector mark appears, the differential voltage across inputs A and B rises with B more positive than A. Transistor QP turns on and its collector voltage falls to about +11v. The drop in voltage is felt at the base of QR. Transistor QR turns on, raising the voltage on the base of QS. Transistor QS turns on. Transistors QS and QT comprise a single shot circuit whose pulse width is determined by resistor RNQ and capacitor CNB. Transistor QT turns off, reverse biasing diode CRNF. Output C rises to a "1" level. After 55 μ sec, CNB charges sufficiently to turn on transistor QT. Diode CRNF is again forward biased and the output returns to a "0". Resistor RNP provides feedback to keep QS on while QT is off.

Speed Detector - QDA

The QDA circuit (Figure 7-24) monitors sector pulses to determine whether the spindle is at a predetermined speed. If the spindle is below speed, no output is present. When the spindle reaches the desired speed, an output current activates the speed relay which signals the controller that the unit is up to speed.

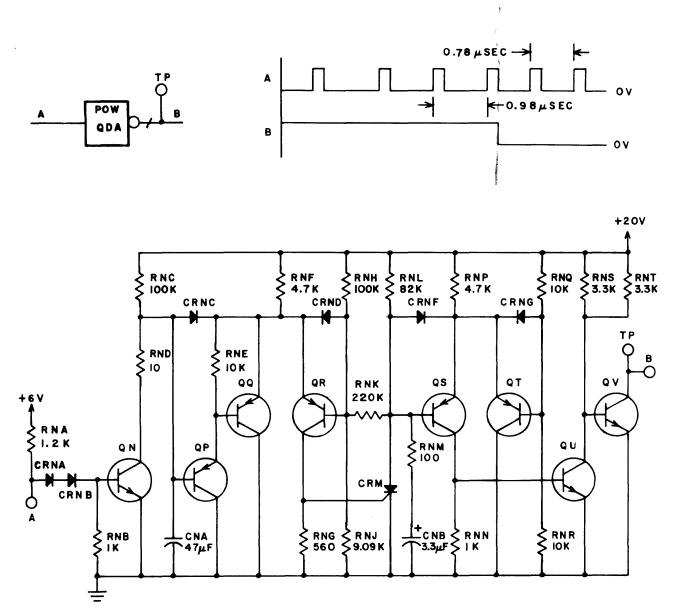
Each time a sector is sensed, a short "1" pulse is applied at input A. Transistor QN conducts and completely discharges capacitor CNA through RND to ground. When the pulse is removed, CNA charges through RNC. When the base of QP reaches the voltage at the base of QR, QP and QQ turn off. Transistor QR conducts current to silicon controlled rectifier CRM, turning it on. CRM draws current from the base of QS driving it to ground, and from the base of QR through RNK. The base of QR falls to about 9.03 volts. OR then turns on firmly and prevents "runt spikes" on the signal to CRM. Once CRM is turned on, CNB begins discharging through RNM and CRM. CRM remains on until the discharge current from CNB falls below the holding current of CRM (typically 1 ma). With the base of QS near ground, QS conducts. Transistor QT turns off, QU is on, and QV is off. No output signal is felt at B.

If the spindle is below speed, pulses arrive at the input at a low repetition rate. CNA repeatedly discharges and recharges to the point where QP and QQ are turned off. The output of QR is a series of positive pulses with a pulse width determined by

$$T = T_I - T_C$$

where T_I is the time between input pulses and T_C is the time for CNA to change to the point where QP is turned off. The pulses repeatedly trigger CRM. CRM holds the voltage at the base of QS below the point where QS can turn off. Since QS is constantly on, QV is constantly off. No output is felt at B.

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NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

Figure 7-24. Speed Detector - QDA

5 C 9

When the spindle reaches the required speed, the pulses at input A have the same period as T_C . The pulse width out of QR becomes T_I - T_C = 0. Transistor QR never emits a pulse. With no pulses out of QR, CRM never turns on. This permits CNB to charge to the point where QS is constantly off. The higher voltage at the base of QS is fed back to the base of QR through RNK to raise the voltage required across CNA to turn off QP. This feedback prevents rapid fluctuation of the output when the spindle is near the required speed. With QS constantly off, QU is off and QV is on. Current flowing through QV activates the speed relay connected to B, and signals the controller that the unit is up to speed.

Or - QEA

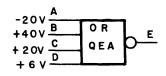
The QEA circuit (Figure 7-25) detects any decrease in voltage supply greater than 15%. A fault condition will occur if:

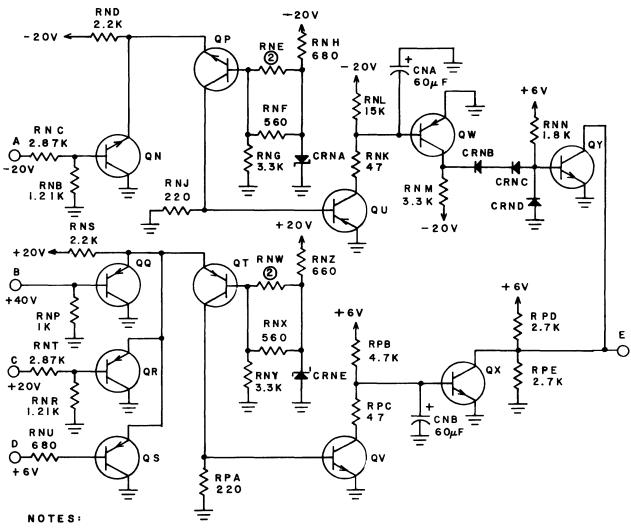
- 1. -20 supply decreases below -17.0v
- 2. +40v supply decreases below +34.0v
- 3. +20v supply decreases below +17.0v
- 4. +6v supply decreases below +5.1v

If all positive supplies are normal, QQ, QR and QS are off. Their emitters are held at +5.8v by Zener diode CRNE and the value of RNW (determined by testing to give a precise collector voltage). Current is pulled through QT, causing a voltage drop across resistor RPA. This voltage drop turns QV on. Transistor QX turns off. If any of the voltage supplies drop below 15% of their operating values, the respective transistor turns on. Transistor QT will then be off. Transistor QV turns off. Transistor QX turns on, driving the output to ground.

The negative voltage segment of the circuit is similar to the positive section. A decrease in the -20v supply below 15% will turn QN on. Transistor QP turns off, causing QU to turn off. Transistor QW turns on causing a voltage drop across RNM which turns QY on. The output drops to ground.

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- I: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY
- 2 RESISTOR VALUE TO BE SELECTED.

Figure 7-25. Or - QEA

Quantizing Detector - QFA

The QFA circuit (Figure 7-26) detects a fault in the write and erase drivers or in the head select circuit. If there is an open in the head, either of the drivers is non-functional, or more than one head is selected, a fault signal occurs.

Inputs A and B are connected to the write and erase driver circuits and enter across a voltage bridge to the base of QP. Normally, both inputs are approximately 32v. All diodes are forward biased. Voltage on the base of QP is 32v and the emitter is at 31.4v due to a reverse bias 0.6v base-emitter voltage across QP. Transistor QP is off. All input current goes to ground through RND.

If input A is higher than input B by 1.4v, CRNB and CRNC are forward biased. CRNA and CRND are reverse biased. The voltage on the base of QP becomes that of input B. The emitter of QP is 0.7v higher than the base due to a 0.7v drop across CRNB. Transistor QP is on.

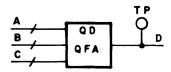
If input B is higher than input A by 1.4v, CRNA and CRND are forward biased. CRNB and CRNC are reverse biased. The base of QP is at the voltage of input A. The emitter of QP is 0.7v higher than the base. Transistor QP is on.

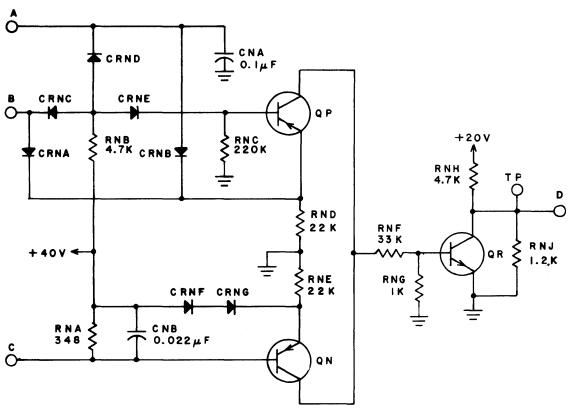
Input C is connected to the head select circuits. If more than one head is selected, the drop in effective resistance (due to external resistors in parallel) results in an increase in current through RNA. This increases the voltage drop across RNA, turning QN on.

If either QN or QP is on, QR turns on. Output D goes to ground to signify a fault condition.

Quantizing Detector - QFB

The QFB circuit (Figure 7-27) is used to amplify and shape an incoming wave. The input at A and B is a differential sine wave. The output at C and D is an amplified and clipped version of the input wave.





NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY. 5C27

Figure 7-26. Quantizing Detector - QFA

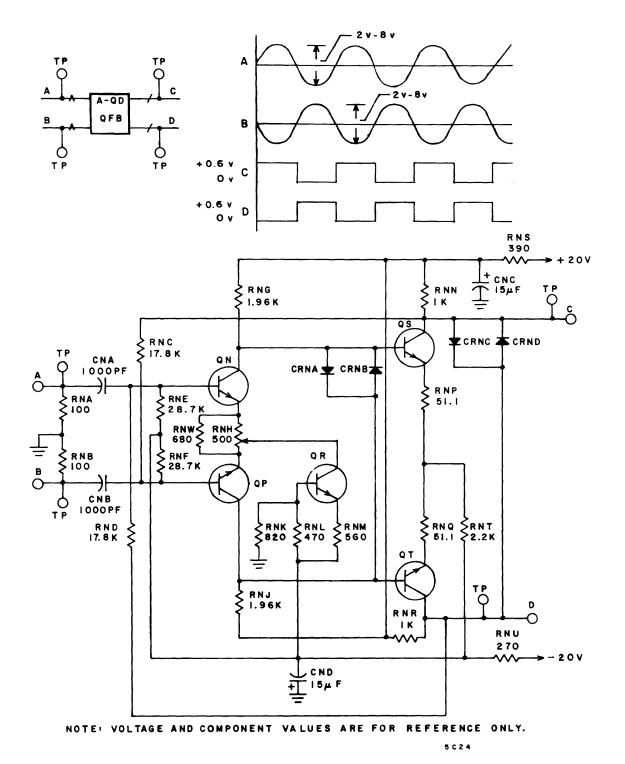


Figure 7-27. Quantizing Detector - QFB

Transistor QR is the current source for the differential amplifier stage consisting of QN and QP. Capacitors CNA and CNB filter out dc and low frequency noise and pass the input wave which alternately turns on QN and QP. The output at the collectors of QN and QP are clipped by diodes CRNA and CRNB to approximate a square wave. This square wave is fed to the bases of QS and QT for another stage of differential amplification. The square wave output at the collectors of QS and QT is again clipped by diodes CRNC and CRND. The output at C and D is a clipped, square wave between 0v and +0.6v corresponding to the rise and fall of the sine wave at inputs A and B, respectively.

Quantizing Detector - QFF

The QFF circuit (Figure 7-28) produces a positive pulse output in response to a positive input pulse. The width of the output pulse is independent of the input and is adjustable.

Assume a condition where QN is on. With the collector of QN at ground, QP turns off and CNC begins charging (through RNL to ground via QN and QS) toward Vcc volts. The duration of the charging period is controlled by the time constant RNL x CNC. When the base of QQ reaches 0.7 volts, QQ turns on, QS turns off, and the output goes to ground.

With the circuit in the condition of the preceding paragraph, a no-signal state will have the following effect: Ground level at base of QN turns it off. Since QS is also off, current is drawn through the base of QP and turns it on. Current now flows through QP charging CNC in the opposite direction (from preceding paragraph) to about -5.3 volts (Zener diode CRNC voltage minus the 0.7 base-emitter voltage of QQ). As the current increases and decreases (during charging period) through QP, the remaining current still flows through RNL thereby keeping QQ on.

When a clock or data pulse is applied to the base of QN it turns on. With the QN collector at ground, QP turns off and a -5.3v base-emitter voltage appears across QQ, turning it off. Capacitor CNC again charges through the variable resistor RNL until QQ turns on.

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When the circuit has been adjusted so that the width of the output pulse exceeds that of the input pulse, QS stays on (after the input drops) to hold the base of QP at ground.

Capacitor CND is a filter capacitor to provide a constant voltage across CRNC.

Line Receiver - RAA

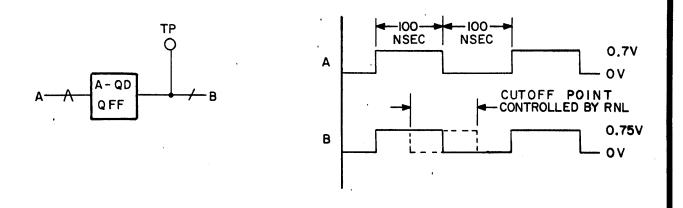
The line receiver circuit, RAA, (Figure 7-29) provides a "1" output at C and D when the difference in input voltage (A minus B) is greater than +0.6v. Under any other input conditions, the output will be a "0".

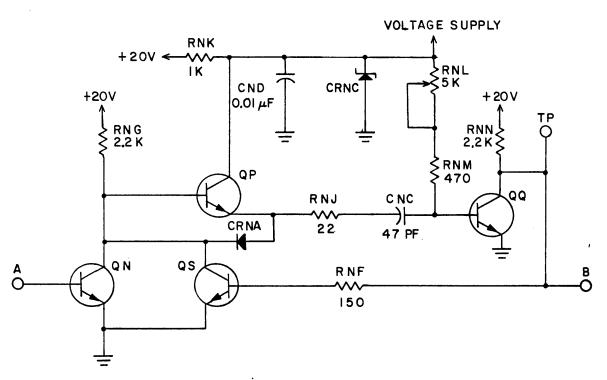
Diode CRNA is used to maintain the threshold level at +0.6v. Without CRNA the threshold would be about +0.1v. That is, if input B were just 0.1v less positive than input A, the circuit would switch to an output of "1".

Resistor RNE supplies the emitters of QN and QP with a constant current of about 4.25 ma. If the current in one transistor increases, the current in the other transistor must decrease by an equal amount. If input B is more positive than input A (A minus B is negative), QP will be turned on and QN will be turned off. If the difference "A minus B" is only slightly negative, QP will conduct more than QN, but both will be on.

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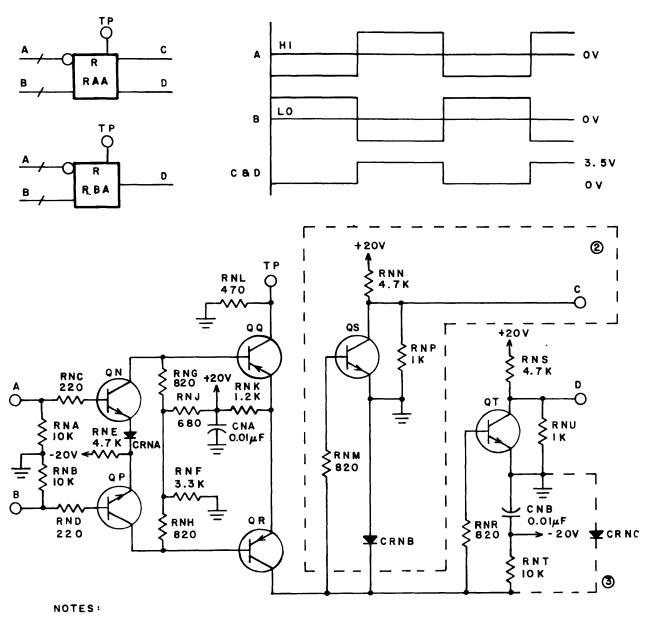




NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY

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Figure 7-28. Quantizing Detector - QFF



- I. VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.
- 2 PORTION WITHIN DOTTED LINE IS USED FOR RAA ONLY.
- 3 CRNC USED ON RBA ONLY.

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Figure 7-29. Line Receiver - RAA

The base of QR, therefore, becomes more negative than the base of QQ. Transistor QR turns on, driving its collector and the bases of QS and QT positive. Transistors QS and QT turn on, conducting current from the +20v supply through RNN and RNS, respectively, to ground. The output at C and D is near 0v or a "0".

If input A is at least +0.6v more positive than input B (A minus B is greater than or equal to +0.6v), QN turns on and QP turns off. The base of QQ is then more negative than the base of QR. Transistor QQ turns on conducting current from the +20v supply, through RNK and RNL to ground. Transistors QS and QT are turned off as there is no current to their bases. Current is then allowed to flow from the +20v supply, through the load resistors to outputs C and D. The value of the output voltage is tempered by the resistors RNP and RNU to ground, and is held at a "1" level. The output is a "1".

Line Receiver - RBA

The operation of the RBA circuit (Figure 7-29) is identical to the RAA circuit, except that output C and its related circuitry are omitted. Output D remains intact (with the addition of diode CRNC) and functions the same as output D in the RAA circuit. For a detailed discussion of the RBA circuit, refer to the discussion of the RAA circuit.

Switch Receiver - RDA

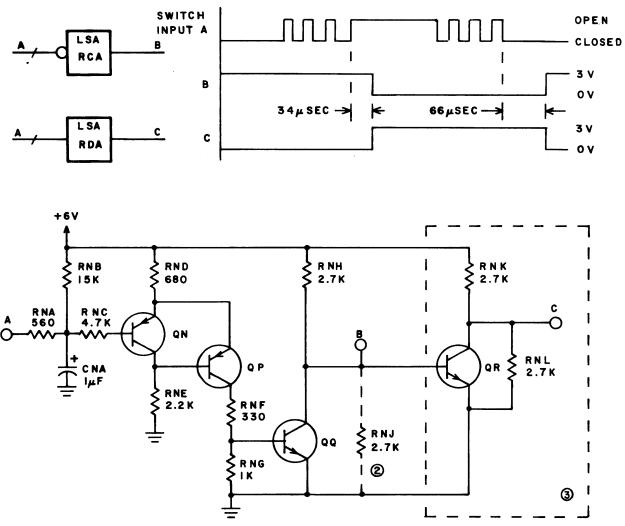
Switch Receiver RDA (Figure 7-30) produces a "1" (+3v) output at C when the grounded switch connected to input A is open. When the switch is closed a "0" (0v) is felt at output C.

A switch to ground is connected to input A. When this switch is open, capacitor CNA approaches +6v and QN is shut off. Transistor QP is, therefore, on and conducts current to the base of QQ through resistor RNF. Transistor QQ turns on, driving the base of QR to ground. Transistor QR is off, which allows current to flow from the +6v supply through RNK to output C. The output is a positive voltage, or a "1".

When the switch is closed, the voltage across CNA rapidly increases through RNA and the switch to ground because of the short time constant of RNA and CNA. Any contact bounce on the switch will increase the discharge time. As the voltage across CNA decreases, QN begins to turn on. As QN conducts current to the base of QP, the forward bias on QP is decreased and QP begins to turn off. As QR turns off, the

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current through RND decreases due to the higher lead resistance (RNE) of QN compared with QP (RNF). The current drop through RND causes a decrease in the voltage drop across RND. The bias on QN is, therefore, increased. The cycle goes rapidly to completion. Transistor QP is shut off. With QP off, the base of QQ is near ground, causing QQ to shut off. This allows the +6v supply to flow through RNH to the base of QR. Transistor QR, therefore, conducts current away from output C and the output is near ground or "0".



NOTES:

- I. VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.
- 2 DOTTED CONNECTION AND RESISTOR RNJ ARE FOR RCA ONLY.
- 3 CIRCUIT WITHIN BROKEN LINE BOX IS ADDED FOR RDA ONLY.

Figure 7-30. Switch Receiver - RDA, RCA

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When the switch is opened again, CNA charges slowly to +6v due to the long time constant of RNB and CNA. Any contact bounce on the switch will hold CNA well below the switching level of QN until the bouncing ceases. As the voltage across CNA increases, QN begins to turn off. Transistor QP begins to conduct current away from the emitter of QN. Transistor QP turns on rapidly because of this positive feedback. The output then returns to "1".

Switch Receiver - RCA

The operation of the RCA circuit is similar to the RDA circuit, except that transistor QR is omitted and the output is taken directly from the collector of QQ at B (Figure 7-30). The output is, therefore, opposite from the output of the RDA circuit under the same switch condition. When the switch is open, the output at B is a "0". When the switch is closed, the output at B is a "1". For a detailed discussion of this circuit refer to the RDA circuit description.

Line Receiver - RFA

The RFA circuit (Figure 7-31) provides a non-standard "0" output at C when input A is at least 0.6v more negative than input B. Diode CRNA holds the threshold at 0.6v. Under all other input conditions the output will be a non-standard "1".

If the differential input (A-B) is greater than 0.6v, transistor QP turns on and QN turns off. This drives the base of transistor QR more positive than the base of QQ. Transistor QR conducts current from the -20v supply, through RNK to ground. The output at C is near 0v.

If the differential input (A-B) is less than 0.6v, QN turns on and QP turns off. The base of QQ goes more positive than the base of QR. Transistor QQ conducts and a negative voltage is felt at output C.

Since a "1" is defined in MDD logic as the most positive voltage, the 0v output in the first case is interpreted as a non-standard level "1". The negative voltage output in the second case is, therefore, a non-standard level "0".

The receiver is self-terminated with 56 ohms to ground on each line.

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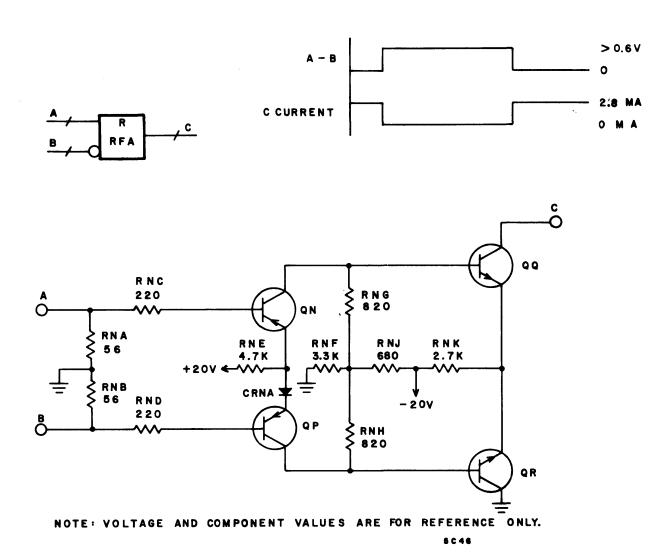


Figure 7-31. Line Receiver - RFA

Delay - UA-, UBA

The capacitive delay circuit (Figure 7-32) delays a "1" input at A for a specified period of time before providing a "1" output at B. The delay time for a "0" pulse is negligible. The delay circuit consists of a capacitor connected to ground.

Assume that a "0" (ground) enters at A. If the capacitor is discharged, it remains discharged. The output is an immediate "0". If the capacitor is charged when the "0" signal enters, it discharges almost instantaneously. The "0" appears at output B with no noticeable delay.

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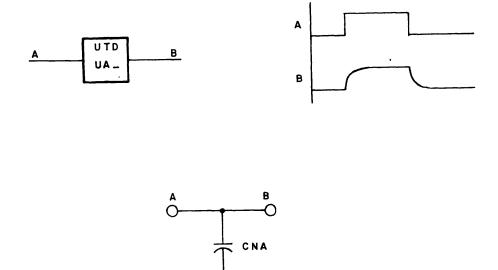


Figure 7-32. Delay - UA-, UBA

If a "1" (+3.0v) enters at A, and the capacitor is discharged, the capacitor must first charge to a minimum "1" voltage (typically +0.7v) before the "1" appears at output B. The time necessary to charge the capacitor to this minimum voltage is the delay time of the circuit. The charge time is dependent on the value of the capacitor, the value of an external resistor between the source voltage and the delay circuit, and the minimum voltage required to produce a "1" response.

Delay times for capacitive delays used in the MDD unit are as follows:

Delay	Time
UAA	$0.3~\mu\mathrm{sec}$
UAB	$0.4~\mu\mathrm{sec}$
UAC	$0.2~\mu\mathrm{sec}$
UAD	1 μsec
UAE	$500~\mu{ m sec}$
UAF .	$2~\mu{ m sec}$
UAG	0.1 μ sec
UAL	$10 \mu sec$
UAM	8 µsec
UAN	5 µsec
UBA	15 μsec

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Delay Circuit - UCA

The UCA circuit (Figure 7-33) provides a delayed "0" output signal at B a set time after a "0" is felt at input A. A "1" signal is not delayed.

The operation of the UCA circuit is similar to the UDA circuit except the final transistor QU (Figure 7-33) is omitted for the UCA circuit. This allows a "0" output when transistor QT (Figure 7-33) conducts, and a "1" output when QT is turned off. For a detailed discussion of this circuit, refer to the UDA circuit.

The time delay is still dependent upon the values of RNC and CNA. The delay for a UCA circuit will be slightly less than the delay for an identical UDA circuit due to the extra time taken for transistor QU to turn on in the UDA circuit.

Delay Circuit - UCB

The UCB circuit is identical in operation to the UCA circuit (Figure 7-33). The values of RNC and CNA are changed to produce a different time delay.

Delay Circuit - UCC

The UCC circuit is identical in operation to the UCA circuit (Figure 7-33). The values of CNA and several resistors are changed. In addition, a 10-ohm resistor is added in series with the collector of QN to increase the discharge time of CNA when QN is turned on.

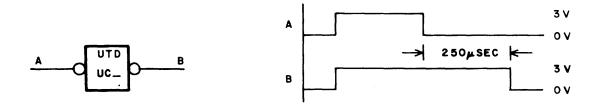
Delay Circuit - UCD

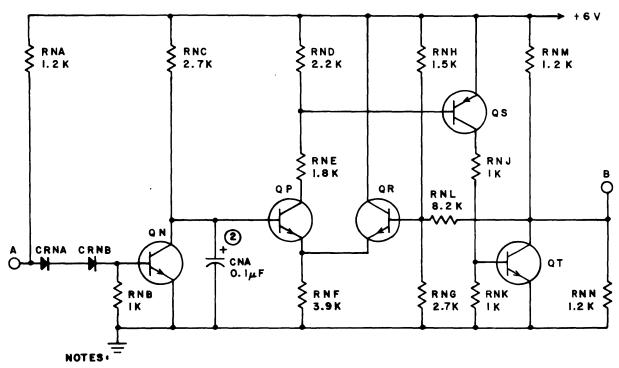
The UCD circuit is identical in operation to the UCA circuit (Figure 7-33). The values of CNA and several resistors are changed. In addition, resistors RNA and RNB and their connections are omitted, CRNA and CRNB are replaced by a 1K resistor, and a 47-ohm resistor is added in series with the collector of QN to increase the discharge time of CNA.

Delay Circuit - UCE

The UCE circuit is identical in operation to the UCA circuit (Figure 7-33). The values of CNA, RNC and RNH are changed. In addition, a 47-ohm resistor is added in series with the collector of QN to increase the discharge time of CNA. The feedback to the base of QR through RNL is omitted. Resistor RNG is replaced by a 3.6v Zener diode to limit the voltage on the base of QR to +3.6v.

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- I. VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.
- 2 CNA IS AN ELECTROLYTIC CAPACITOR FOR UCA AND UCE CIRCUITS ONLY.

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Figure 7-33. Delay Circuit - UCA, UCB, UCC, UCD, UCE

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<u>Delay - UDA</u>

The UDA circuit (Figure 7-34) provides a "1" output at B a set length of time after a "0" enters at input A. There is no delay for a "1" input signal. The output is an immediate "0".

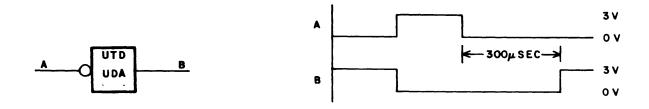
When a "1" appears at input A, QN conducts current from the +6v supply, through RNC to ground. The base of QP, therefore, approaches ground. The base of QR is held at approximately +3.8v by the voltage dividing action of RNG and RNJ. The emitters of QP and QR are, therefore, held at approximately +3 volts. QP is off. The base and emitter of QS remain at +6 volts, so QS is off. The base and emitter of QT are both at ground. Transistor QT is off. The collector of QT goes to approximately +2.4v due to the voltage dividing network formed by RNM, RNN and the base-emitter voltage drop across QU. Transistor QU is turned on and the output is held near ground, or a "0".

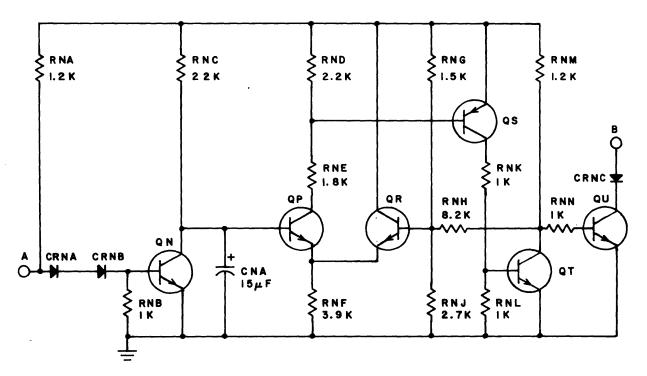
When a "0" (ground) appears at input A, QN turns off. This allows capacitor CNA to begin charging from the +6v supply through RNC. When the voltage at the base of QP reaches approximately +3.8v, QP starts to conduct, drawing current away from the base of QS. Transistor QS starts to turn on, forward biasing the base of QT. Transistor QT starts conducting. As the collector of QT approaches ground, the voltage on the base of QR is drawn off through RNH. This decreases the voltage on the emitters of QR and QP and drives QP to saturation. With QP saturated, QS and QT are also driven toward saturation. When QT conducts, the base of QN goes toward ground. Transistor QU is cut off and the output voltage rises to a "1" level.

The time delay is determined by the values of RNC and CNA.

Delay - UDB

The operation of the UDB circuit is identical to that of the UDA except the size of capacitor CNA (Figure 7-34) differs to cause a delay of 115 ± 25 ms.





NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

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Figure 7-34. Delay - UDA, UDB

Undirectional Time Delay - UEA

The UEA circuit (Figure 7-35) provides a 0.1- μ sec delay between the time that a -3.5v signal appears at A and the time that transistor QP turns off. Output at B is either ground or an open circuit.

When input A is near ground, QN is off. Transistor QP is on. The output is ground.

When input A goes to -3.5v, capacitor CNA begins charging. After 0.1 μ sec the base of QN is sufficiently negative to turn QN on. Transistor QP turns off. The output is an open circuit.

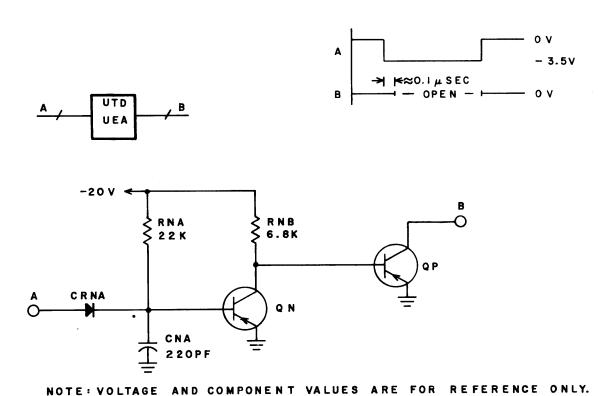


Figure 7-35. Undirectional Time Delay - UEA

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And - VAA

The VAA circuit (Figure 7-36) consists of a single NPN transistor. When all inputs connected to A are at a "1" level, the output at B will be a "0". Any "0" appearing at A will result in a "1" output at B.

When the input to A is a "0", A is held at about +0.9v. This input is not sufficient to forward bias diodes CRNA and CRNB or transistor QN. Transistor QN is off. The output at B is a "1".

When the input to A is a "1", A rises to about +2.1v. This voltage forward biases CRNA, CRNB and QN. Transistor QN turns on, conducting current away from B to ground. Output B is left at about +0.9v, or a "0".

Diodes CRNA and CRNB provide noise immunity up to 1.4v. Resistor RNB connected to ground turns off QN when the positive voltage is removed from A.

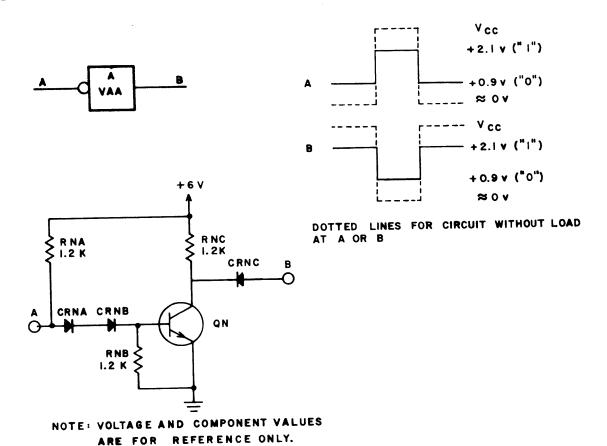


Figure 7-36. And - VAA

5 C 2 I

And - VAB

The VAB circuit (Figure 7-37) consists of two silicon peripheral logic inverters whose outputs share a common load resistor, RNE. When both inputs A and B are "0" (ground), the output at C will be a "1" (+3v). If either or both of the inputs are a "1", the output at C will be a "0". This is an AND gate for zeroes, or a NAND function.

When both A and B are at ground, QN and QP are off. The output at C is supplied from the +20v source through RNE. The output is a positive voltage, representing a non-logical "1". If input A experiences a positive voltage while B is at ground, QP turns on and conducts current from the +20v supply through RNE to ground. The "0" on B has no effect, as all the supply voltage is tapped to ground. The output at C is ground, or a "0". The situation is similar if A is "0" and B is "1". The output is "0". If both A and B have positive voltage applied to them, QN and QP both conduct. The output is "0".

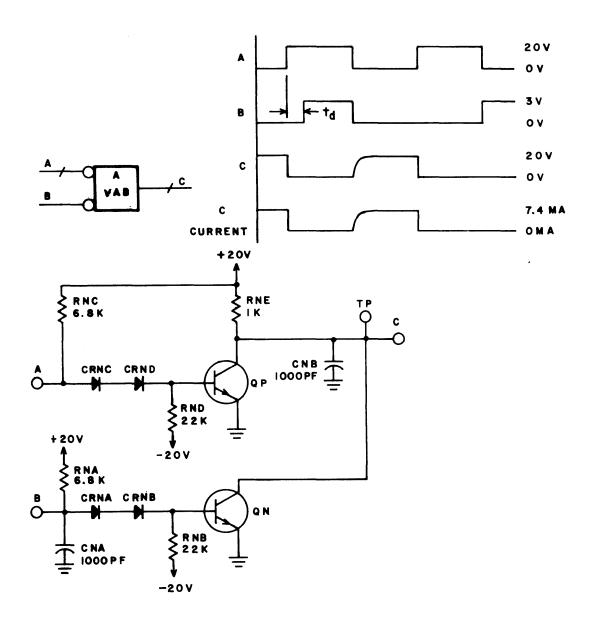
Capacitors CNA and CNB provide a one's delay on input B and output C, respectively. They also maintain a noise barrier to isolate the circuit from stray pulses on the lines.

And/Or (Single Input) - VAC, VJW

The single input AND/OR or silicon peripheral logic (SPL) inverter (Figure 7-38) provides an inversion from input A to output B: A "1" on A produces a "0" on B, or a "0" on A produces a "1" on B. The inverter's output may be connected to the output of other inverters to form NAND functions or NOR functions.

The SPL inverter is a single NPN silicon transistor connected as a common emitter amplifier. When A is a "0" (between 0v and +0.3v) the transistor is off. This allows current to flow from the +20v supply, through RNB to output B. The output is a "1". When input A is a "1" (between +0.7v and +3.0v) the transistor turns on. The transistor conducts current from the +20v source, through RNB to ground. This leaves output B near ground, or a "0".

Since the base-emitter threshold for a silicon transistor is approximately +0.7v, the circuit ignores up to 0.5v of transient noise.



NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

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Figure 7-37. And - VAB

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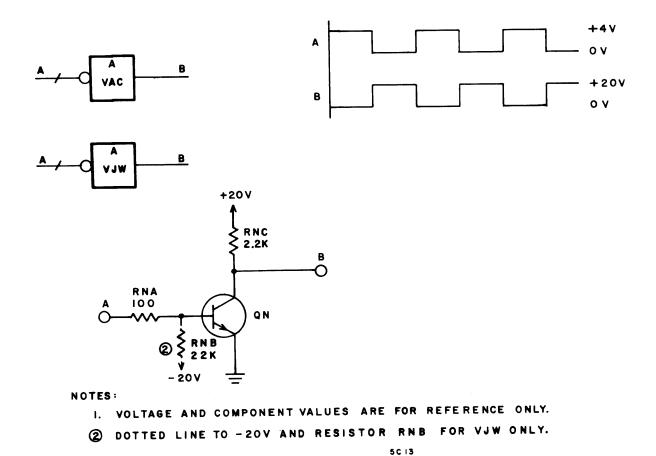


Figure 7-38. And/Or (Single Input) - VAC, VJW

If the circuit drives just one other transistor, the output may be connected directly to the base of the driven transistor. For a fan-out of 2 or more, a base isolation resistor is required for each driven transistor. This resistor ensures that the base drive provided to each of the driven transistors will be nearly independent of differences in base-emitter voltages. For a fan-out of 2 the collector load resistor must be reduced by one-half its value for driving one transistor to provide for the additional voltage drop across the isolation resistors.

Switching time for an inverter with a fan-out of 1 is typically 15 nsec.

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Power Driver - VJK

The VJK circuit (Figure 7-39) is similar to the VJS circuit with the addition of capacitor CNB and two outputs. CNB slows the switching time of QN and provides a ramp output. Output B connects to the center tap of the head. Output C contains a 10K resistor and is connected to a voltage supply in a fault detect circuit. If two heads are selected the effective resistance falls to 5K (two 10K resistors in parallel). The increase in current causes a Fault signal. Output D contains a diode that isolates each Write Gate.

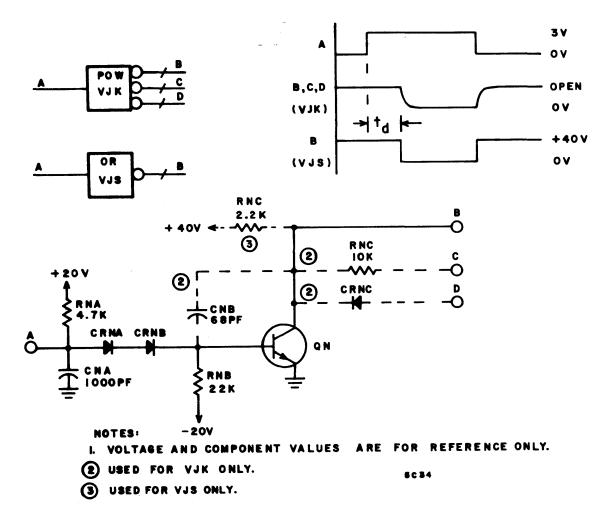


Figure 7-39. Power Driver - VJK

Power Driver - VJL

The VJL circuit (Figure 7-40) is a gate used to bias an analog gate.

If $\pm 20v$ appears at A, QN turns on. The base of QP goes to ground. Transistor QP is off. Capacitor CNA charges through RND to $\pm 20v$. Output at B is a ramp to $\pm 20v$.

A +0.2v signal at A turns QN off. When QP turns on, the collector voltage of QN clamps at +0.7v. CNA discharges rapidly through QP. Output B drops to ground.

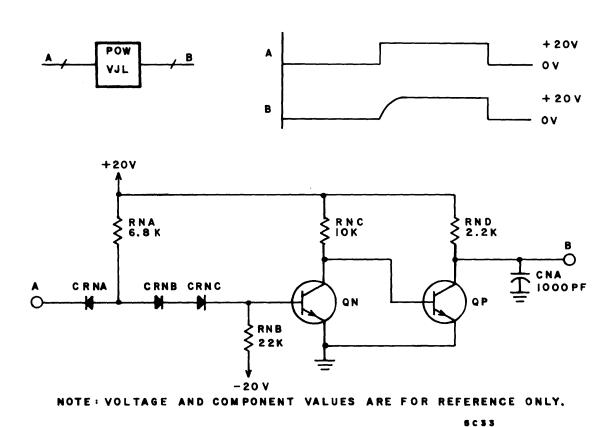


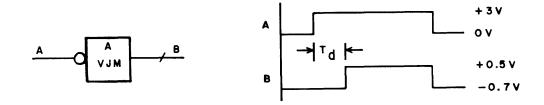
Figure 7-40. Power Driver - VJL

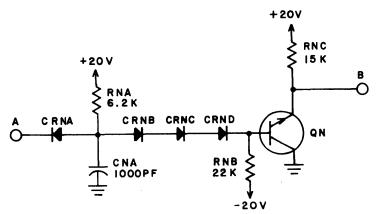
And - VJM

The VJM circuit (Figure 7-41) gates a particular receiver into operation. A "0" input at A results in an "open" enable signal to the receiver. A "1" input at A disables the receiver.

A "0" (0v) input forward biases diode CRNA. The +20v supply current is drawn through RNA and CRNA, leaving the base of QN reverse biased. Transistor QN is off. Output is held at -0.7v by the next stage.

A $^{\prime\prime}1^{\prime\prime}$ input turns QN on. The output goes to ground. No receiver signal can pass into the receiver.





NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

Figure 7-41. And - VJM

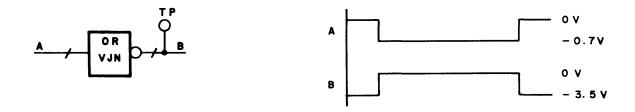
Or - VJN

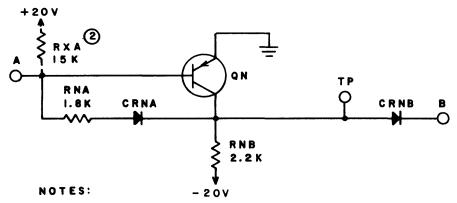
The VJN circuit (Figure 7-42) is a NAND circuit that inverts the input signal. Input A is connected to the output of a receiver and to a gating circuit. If the Write gate is off, the base of QN is grounded. The circuit is disabled.

When the write gate is on, QN turns on and the receiver inputs a "0". Transistor QN turns on further and goes into saturation. Output voltage at B is approximately -0.2v.

When the receiver inputs a "1", QN comes out of saturation. Output at B is approximately -3.5v.

Whenever the write gate is on, QN is on to some degree. Only when the write gate is off is the base of QN at ground and QN off.





- 1. VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.
- 2 RESISTOR AND POWER SUPPLY EXTERNAL TO VJN.

Figure 7-42. Or - VJN

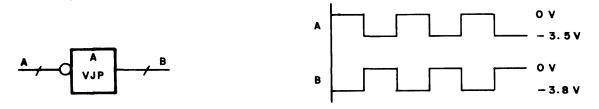
And - VJP

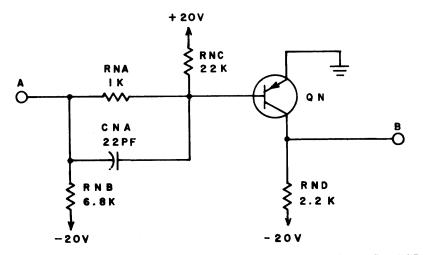
The VJP circuit (Figure 7-43) is normally used as the input circuit to a toggle flip-flop. It ties two receiver outputs to a single-ended output. Capacitor CNA is used to reduce the input impedance for faster switching.

When input A is near ground the base of QN is at approximately +0.9v. Transistor QN is off. Output at B approaches -20v, but is clamped at -3.8v by a Zener diode in the following circuit.

When input A is -3.5v, QN turns on. Output drops to approximately -0.2v.

Input to A is short (100 nsec), negative, data pulses. Output B is also short pulses.





NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

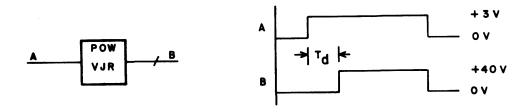
Figure 7-43. And - VJP

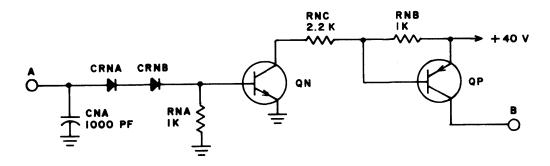
Power Driver - VJR

The VJR circuit (Figure 7-44) is a +40v switch. A "1" on input A produces +40v at output B. A "0" on input A stops current flow.

A "1" input turns QN on. Transistor QN conducts current from the +40v supply, causing a voltage drop across resistor RNB. This voltage drop turns on QP. Output B is at +40v.

A "0" input turns QN off. Since current no longer flows, the emitter and base of QP are at equal voltage. Transistor QP is off. Output B goes to ground.





NOTE:

VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

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Figure 7-44. Power Driver - VJR

Or - VJS

The VJS circuit (Figure 7-39) is a standard inverter with a capacitor delay at the input. A "1" at input A pulls the output at B to ground. A "0" produces a $\pm 40v$ output.

Or - VJT

The VJT Circuit (Figure 7-45) is a gate to the WBB toggle flip-flop. A "1" input at A produces a ground at B, which keeps the flip-flop off. A "0" input at A produces a -3.5v output at B, which releases the flip-flop and presets it in a given state.

When a "0" is applied to input A, the base of QN goes to ground. Transistor QN is off. The base of QP is clamped at +0.6v by diode CRNC. Transistor QP is off. Output B is -3.5v derived from the voltage dividing network of RNF and RNG.

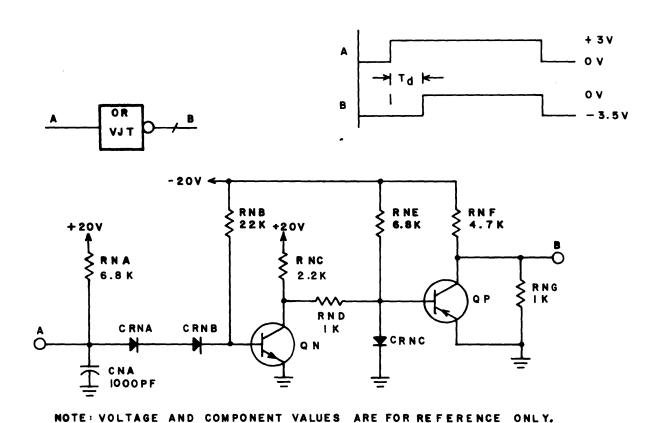


Figure 7-45. Or - VJT

When A goes to a "1", capacitor CNA charges. After a delay, the base of QN is positive enough to turn QN on. The base of QP goes negative through resistor RNE. Transistor QP turns on. The output at B drops to ground.

And - VJU, VJV

The VJU and VJV circuits (Figure 7-46) are functionally identical. They consist of a standard inverter circuit with a capacitive filter input. The capacitor also presents a delay.

A "1" on input A reverse biases diode CRNA. Capacitor CNA charges through RNA until it is clamped at about 3 diode voltages (approximately 2.1v). QN turns on. Output B falls to ground.

If input A is a "0", CNA discharges through CRNA. Transistor QN turns off. Output B rises to a "1" level due to the clamping by a Zener diode.

And/Or - VJW

Refer to circuit description for circuit type VAC.

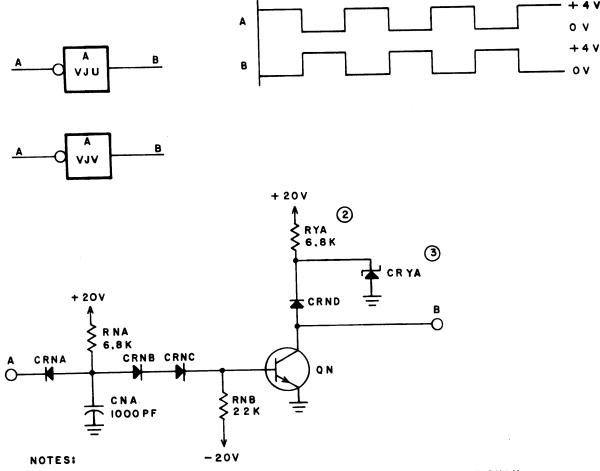
Flip-Flop - WBB

The WBB circuit (Figure 7-47) is a toggle flip-flop with gate and data inputs.

Input B holds both transistors off by grounding the bases when the circuit is off. When a write operation is to be performed, the base of QP is released while QN is still grounded by input C. This sets an initial condition for the flip-flop: QP is on, QN is off.

After the flip-flop is pre-set it is toggled through input A by a series of negative data pulses. The leading edge of the negative data pulse begins charging capacitor CNB. Diode CRND becomes forward biased. QP is on. Output E is at ground. A voltage of -3.6v across Zener diode CRNK keeps CRNN reverse biased. CRNK and CRNM clamp the output of QN at -3.8v.

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- I. VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.
- 2 RESISTOR EXTERNAL TO VJV. RYA BECOMES RNC FOR VJU.
- 3 DIODE EXTERNAL TO VJV, BECOMES CRNE FOR VJU.

Figure 7-46. And - VJU, VJV

The trailing edge of the data pulse results in a positive pulse to the base of QP. Transistor QP turns off. Output E goes toward -4v. Both sides of CNA are at ground. Therefore, CRNC and CRNF are forward biased by the -20v source through RNC. The base of QN goes negative. Transistor QN turns on and Output D drops to ground. Diodes CRNM and CRNJ are now reverse biased. Since the collector of QP is more negative than the voltage across Zener diode CRNK (-3.6v), CRNN is forward biased. This clamps the voltage at output E at approximately -3.8v.

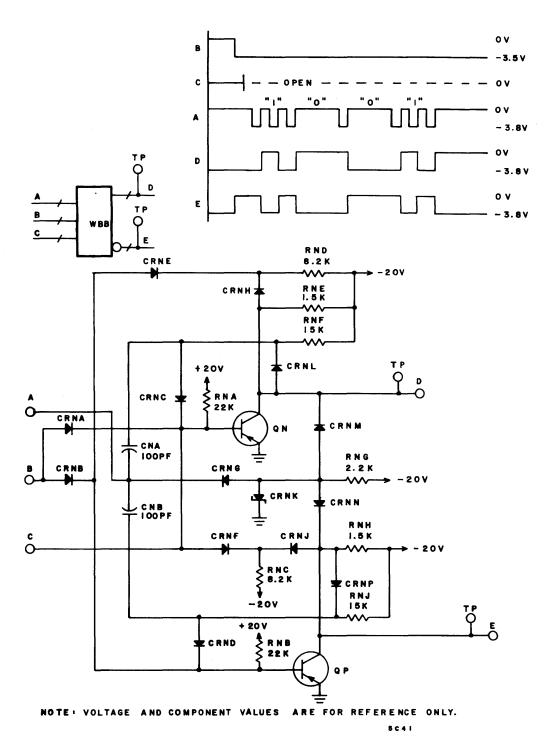


Figure 7-47. Flip-Flop - WBB

The leading edge of the next negative pulse charges CNA and discharges CNB since both sides of CNB are at about -3.8v. The flip-flop will toggle on the ground-going edge of the pulse in the same manner as described for the first pulse.

Toggle Flip-Flop - WBC

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Inputs to A and B of the WBC flip-flop (Figure 7-48) are either a positive pulse or ground. If A has positive pulse, then B is at ground. If A is at ground then B has a positive pulse. If input A receives a positive pulse, output C will be at ground and output D will be a constant positive voltage. A positive pulse at B will toggle the flip-flop. C will then be a positive voltage and D will be at ground.

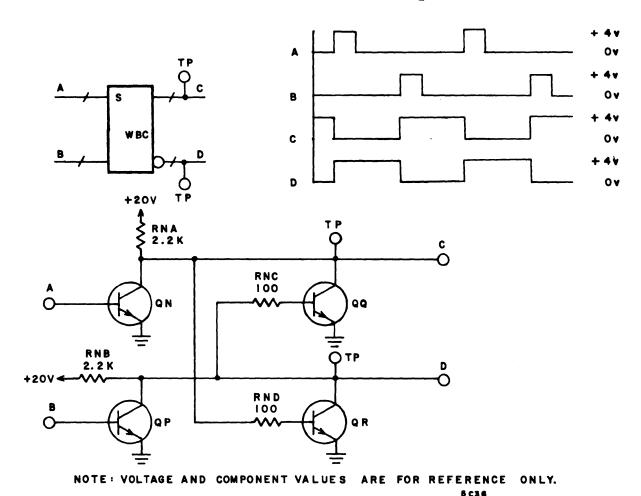


Figure 7-48. Toggle Flip-Flop - WBC

A positive pulse to input A turns on transistor QN, which drives the base of QR to ground. Transistor QR is turned off. Input B is at ground and QP is off. The base of QQ is, therefore, positive and QQ turns on. This latches the base of QR at ground and puts a ground on output C. With QP off and QR latched off, current flows from the +20v source through RNB to output D.

When a positive pulse is felt at B, QP turns on. This drives the base of QQ to ground, turning QQ off. Input A is at ground and QN is off. The base of QR is, therefore, positive. Transistor QR conducts, latching the base of QQ at ground and driving output D to ground. With QN and QQ off, output C is positive.

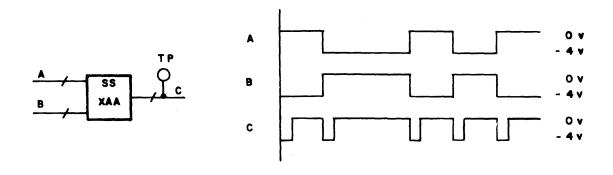
Pulse Shaper - XAA

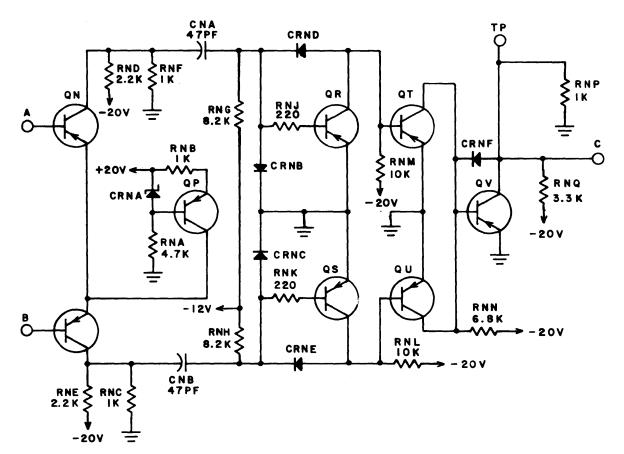
The input to A and B (Figure 7-49) of the XAA circuit is a 0.7v balanced square wave centered around a positive voltage. Each time the inputs change polarity a short negative pulse is formed at output C.

The square wave input is sufficient to alternately turn QN and QQ on and off. A current of about 5.6 ma is alternately switched between QN and QQ. When input A is more positive than input B, QN turns off. The voltage at the collector of QN is about -20v. The voltage at the junction of RNG and RNJ is -1.6v. When the inputs switch, QN turns on. The collector of QN rises to about -8.7v. CNA forms a positive pulse to the base of QR. The positive pulse turns QR off, QT on and QV off for the duration of the pulse. The amplitude of the pulse is limited by CRNB. Charging time for CNA is about 100 nsec. When the inputs switch again, QQ turns on and QN turns off. CNB forms a positive pulse which turns QV off again for the duration of the pulse. The output at C is ground until QV is turned off. During the short time that QV is off, a negative pulse appears at output C.

Diodes CRND and CRNE prevent saturation of QR and QS. As the collectors of QR and QS approach ground, the negative voltage at the left ends of RNJ and RNK is limited to the sum of the voltage drops across QR and CRND or QS and CRNE, respectively. Diode CRNF prevents QV from saturating.

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NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

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Figure 7-49. Pulse Shaper - XAA

Pulse Shaper - XAB

The input at A of the XAB circuit (Figure 7-50) is a balanced square wave between 0v and +4v. The output at B is normally positive, but drops to ground for a short time at the leading edge of the ground portion of the input wave.

During the positive portion of the input wave, transistors QN and QP are on. This leaves the bases of QQ and QR near ground. Transistors QQ and QR are off. The output at B is a positive voltage supplied through resistor RNE.

When the input wave goes to ground, transistors QN and QP turn off. With QP off, the base-emitter junction of QR is forward biased. Transistor QR conducts and the output at B drops to near ground. With QN off, capacitor CNA charges toward +20v. When the charge on CNA reaches a level sufficient to turn on QQ, the base of QR again drops to ground. Transistor QR turns off. The output at B returns to the positive level.

Pulse Shaper - XAC

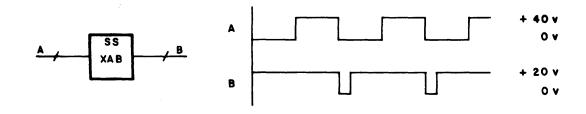
The XAC circuit (Figure 7-51) produces a 100-nsec ground pulse at output C when the inputs at A and B change state. The output is normally positive. Input A is connected to the set side of a flip-flop and input B is connected to the clear side.

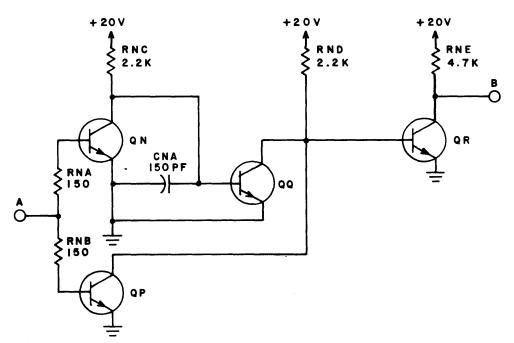
When the flip-flop is clear, the base of QR is positive. Transistor QR conducts 10 ma of current from the -20v supply through RND, RNC, QS, QR and RNB. The collector of QN is at +20v and the collector of QR is near +13v. Transistors QT and QU are on and QV and QW are off.

When the flip-flop sets, QR turns off and QN turns on. The collector of QN goes to +13v, which drives the base of QT to about -6v. This turns QT off, driving the base of QV positive. QV turns on and the output at C goes to ground. Capacitor CNA charges through RNE with a time constant of 135 nsec. After 100 nsec the voltage at the base of QT has risen to +0.7v and QT turns on. This drives the base of QV to ground. QV turns off and the output at C returns to a positive level.

When the flip-flop clears again, a 100-nsec ground pulse is formed at C by QR, CNB, QU and QW.

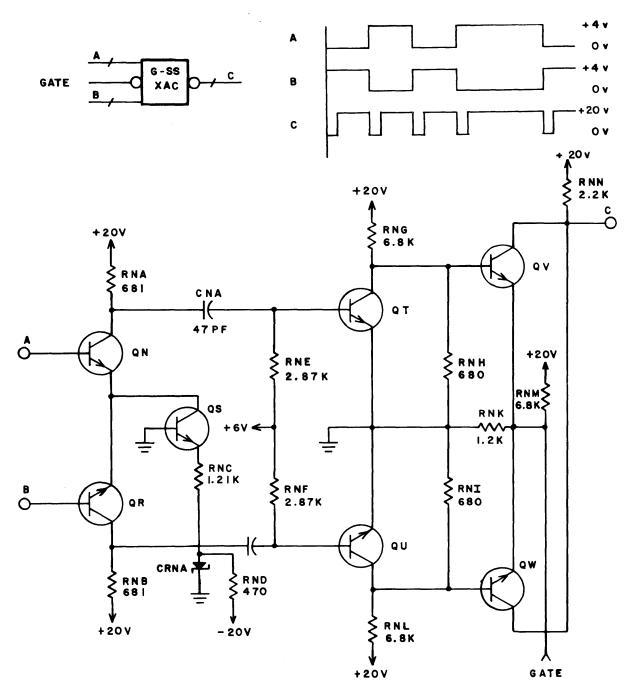
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NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

Figure 7-50. Pulse Shaper - XAB



NOTE: VOLTAGE AND COMPONENT VALUES ARE FOR REFERENCE ONLY.

Figure 7-51. Pulse Shaper - XAC

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HEAD AND DISK PACK REPLACEMENT CRITERIA

HEAD REPLACEMENT CRITERIA

Heads of the MDD have been designed so that they should not need replacement if given proper preventive maintenance and care. If a head requires replacement refer to the Preface of this manual for the publication containing the Maintenance section. Refer to that section for Head/Arm Replacement procedure. A head is defective and needs replacing if any of the following conditions exist:

- 1. Consistent oxide buildup on head, indicating repeated head/disk impact.
- 2. Appreciable oxide buildup located primarily on the edge of the ferrite insert, indicating a warped head.
- 3. Oxide or wear over 1/2 of the head face surface.
- 4. A head which is scratched over 1/2 of the head face surface.
- 5. Concentric scratches on disk surface. Inspect the head for imbedded particles.
- 6. Audible ping indicating that the head is hitting the disk surface.

DISK PACK REPLACEMENT CRITERIA

The disk pack is designed to last the lifetime of the equipment. Replacement of the disk pack is required only if excessive runout (see Disk Pack Runout Check) is encountered or physical damage to the pack results in the loss of recording ability.

A disk pack is defective and needs replacement if any of the following conditions exist:

- 1. Damage to the disk pack resulting in a bent or broken disk. If a disk is bent perform Disk Pack Runout Check procedure.
- 2. Gouged or scored disk surface causing the loss of stored data.
- 3. Imbedded particles in a disk surface that cannot be removed by cleaning and are causing damage to the heads.

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Disk Pack Runout Check

This procedure determines whether a bent disk pack may remain in use. If the disk pack fails to meet the requirements of the procedure, it should be returned to the manufacturer for reconditioning.

- 1. Extend the upper deck drawer forward.
- 2. Release four half-turn fasteners securing right-hand shroud side cover. Set the side cover aside.
- 3. Install the disk pack to be checked on the spindle of the upper deck.
- 4. Grasp the pack cleaning brushes, override the shaft detent mechanism, and rotate the brushes into the disk pack.
- 5. Place the disk pack runout gage (P/N 84357600) base against the underside of the upper deck shield and set the switch on the base of the gage to ON (Figure 7-52).
- 6. Turn the bezel of the dial indicator to indicate zero. Orient the dial indicator so that the plastic tip is not only contacting a disk surface but is deflected for an indication of approximately 0.020 inch. Tighten dial indicator in this position. Turn the bezel to set the dial indicator to zero.

NOTE

A mirror is required to observe dial indicator when some disk surfaces are checked.

- 7. Manually and slowly rotate the disk pack one full revolution while carefully observing the dial indicator. The sum of the deviations (to either side of zero) should not exceed 0.012 inch.
- 8. If a total deflection of 0.012 inch is encountered in step 7, recheck the indication. The total deflection must occur in a disk circumference of 4 inches or more.
- 9. Repeat steps 6 through 8 for the 19 remaining disk surfaces.
- 10. Rotate the pack cleaning brushes clear of the disk surfaces.
- 11. Remove the disk pack and the disk pack runout gage.
- 12. Install the shroud side cover.

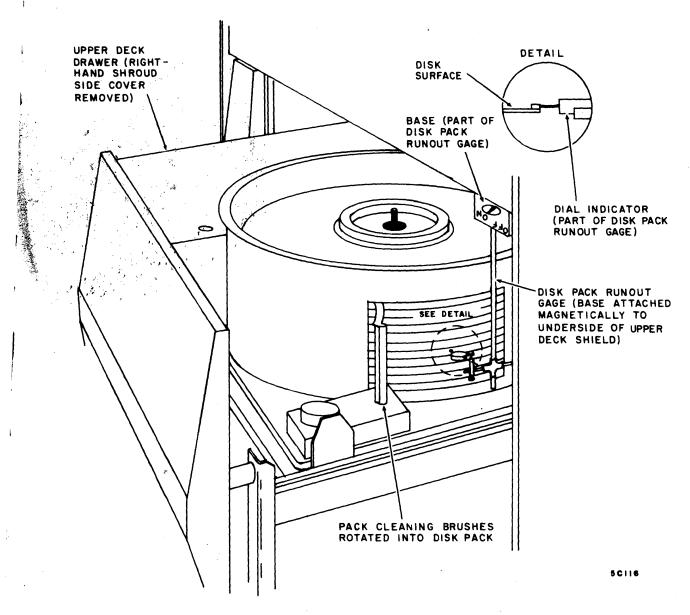


Figure 7-52. Disk Pack Runout Check

TESTER CARD

The Tester Card (P/N 40072100) is a special tool used extensively in the maintenance procedures of Section 6. As an aid in using the card, the schematic diagram (8FFN) is provided in Section 5 and Figure 7-53 is the logical portrayal of the same card.

1,2 1 5,6

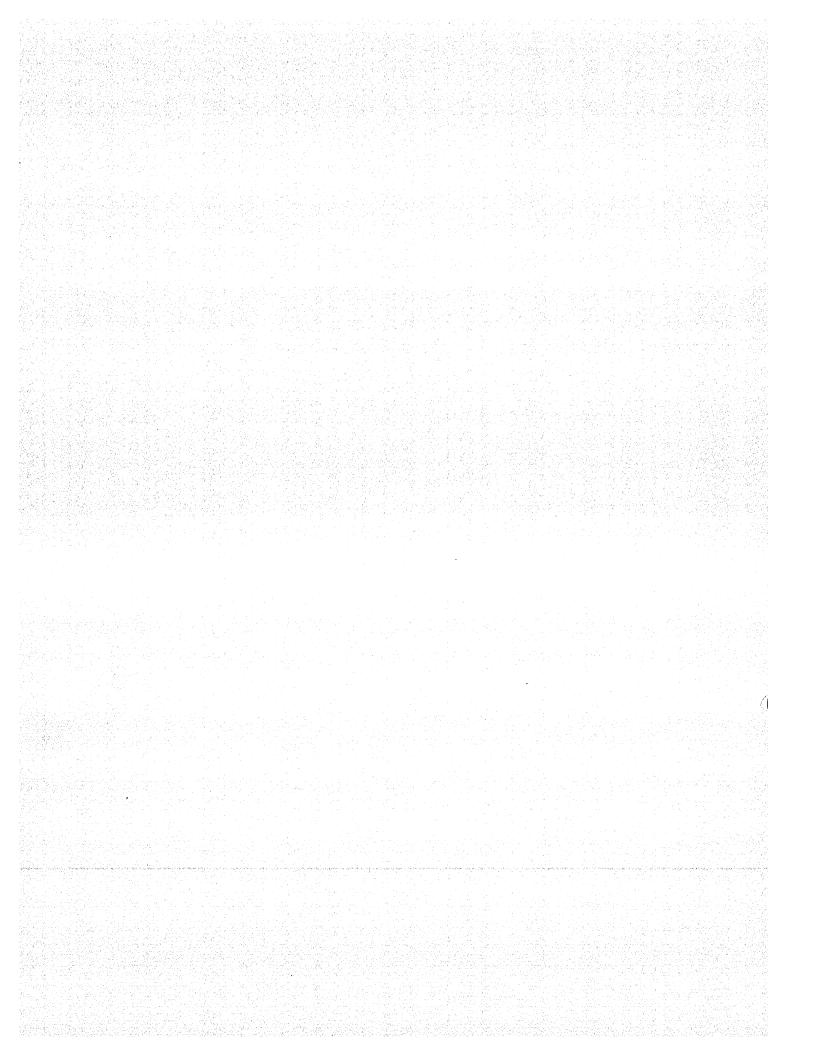
Figure 7-53. Logical Presentation of Tester Card

SECTION 8

PARTS DATA

Information for this section is included in CONTROL DATA® BM1A5/BM1A6 Multiple Disk Drive Parts List Manual.

Pub. No. 70601900



SECTION 9

WIRE LISTS

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WIRE LISTS

DESCRIPTION OF WIRE LISTS

The two types of wire lists are:

- 1. The line printer format which shows logic wiring.
- 2. The corporate (typed) form which shows non-logic wiring.

LOGIC WIRE LISTS

The following is an example of the logic wire lists with an identification, and an explanation of the columns.

Wire	****					
Identification	Wire (Pin Nu					
Wire Length		omponei ode	nt	11 7		
		Wire	Destination	Wire Size		
		Locat				
Wire Origin			Wire Destination		Color Code	
Location	1		Pin Number		Code	
						Change Order
AK50010 03 A14	28	O A16	18			
AK50020 05 A14	25	O A08	14			
AK50030 05 A14		O A09	37			
AK50210 04 A07		O A11	16			
AK50211 04 A11		O A18	34	90	000	1004
1100520 02 B06 1100521 02 B07		R B07 R B08	48 48	20 20	$\begin{array}{c} 222 \\ 222 \end{array}$	1234
1100521 02 B07 1100522 02 B08		R B09	48	20 20	222 222	5678
1100522 02 B08 1100523 02 B09		R B10	48 .	20	222	
1100524 02 B10		R B11	48	20	222	

Wire Identification

If the identifier begins with a letter, the wire provides an input to a logic term; first letter identifies the logic row of the term, second letter and the first three digits identify the logic term receiving the input via this wire. If the identifier begins with a numeral, the wire is not directly providing an input to a logic term and is generally classified as a miscellaneous jumper. A sequential advance in the second to the last digit indicates additional inputs to the same term.

AK50010 - single input OR to K500 AK50020 - single input OR to K500

A sequential advance in the last digit indicates the interconnections of an AND input.

Wire Length

This column gives the wire length in inches.

Wire Origin Location

This column locates the origin of the wire on the logic chassis. Wires having a common signal at two or more locations are interconnected in series. In the sample, the fourth and fifth wires shown have a common signal. The Wire Destination Location of the first wire becomes the Wire Origin Location of the second so that the series string is from A07 pin 10 to A11 pin 16 to A13 pin 34. Note that the first four characters of the Wire Identification terms are the same for the three wires and that the sequencing is from 10 to 11 in the last two characters.

Wire Origin Pin Number

This column identifies the origin pin or terminal of the wire.

4

Component Code

This column identifies the components that are located in the Wire Origin Location and the Wire Destination Location columns. The code letters are identified as follows:

- O When both ends terminate at a logic card
- R When one end terminates at a miscellaneous component (switch, resistor, etc.)
- X When one end terminates at a jack (or connector pin)

Wire Desitnation Location

This column locates the destination of the wire on the logic chassis.

Wire Destination Pin Number

This column identifies the destination pin or terminal of the wire.

Wire Size

This column identifies the size (AWG) of the wire.

Color Code

Solid colored wires are identified by repeating (3 times) the code number in this column. Multicolored wires are identified by a number having two or three digits. Each digit of the number identifies one of the colors. The code numbers are identified as follows:

0 - Black 2 - Red 4 - Yellow 6 - Blue 8 - Gray S - Shield 1 - Brown 3 - Orange 5 - Green 7 - Violet 9 - White

Change Order

This column identifies the engineering, field, or publications change order that affected and/or altered that wire.

NON-LOGIC LISTS

COMPU		OL DAY	TITLE		WII	RE LI	STING			L	WL	DOCUMENT NO.	MEV.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROK)	ORIGIN		ACCESS FIND NO.	DESTINATIO	*1	ACCESS FIND NO	3	REMARKS	
20	29	24	993	03	X12	03		X12	09				
21	29	1	993	03	X13	03		X13	09				
22	29		993	03	X14	03		X14 .	09				
23	29		993	03	X15	03		<u>X</u> 15	09		<u> </u>		
24	29		993	03	X16	03		X16	09	ł			

Wire lists other than logic are on a standard corporate form. The remaining columns of the form contain information NOT normally applicable to field usage and therefore are not explained.

The other columns indicate:

Gauge (Ref)

- Size of conductor (AWG)

Color (Ref)

- Color information

Length (Approx) - Length of conductor in inches

Origin

- Origin point of conductor

Destination

- Destination point of conductor

Remarks

- Useful comments

In multi-digit color codes, the first digit denotes base color and the remaining digits denote tracer colors. The color codes for the non-logic lists are the same as those for logic wiring.

KKuthauski p.20-61 CONTROBDATA PREFIX DOCUMENT NO. LOGIC WIRE LIST LOGIC CHASSIS (03) CHED 3-27-6 70951400 LW ENG 32269 NRMOPS MFG FIRST USED: ON CODE IDENT APPE SHEET 26 19333 MULT. DISK DRIVE SHEET REVISION STATUS REVISION RECORD REV ECO DESCRIPTION DRFT DATE RLLLASED Α w 1-3-64 B PM 5543 CHANGED 4 CARDS EW 6-19-67 ل دي C PM 5546 ADDED & DELETED CARDS EW 7-14-67 PM 5496 EXTENSIVE CHANGES 0 EW 8-25-4 PM 5453 ADDED SEVERAL CARDS £W 9-23-4 346 PEILIBA CHANGED 2 CARDS EW 12-8-6 2:00 G PE 11417 CHANGED 2 CARDS EΨ 3-4-70 H PEZIIO3 ADDED 4 CARDS EW 4-27-70 En J PE 21143 CHG ONE CARD 4-29-70 EW fu K PE21253 DELETED & ADDED 4 CARDS 10-12-10 ¥120 EW FE 21997 CHE ONE CARD L FW 2-23-71 NOTES: DETACHED LISTS EXULTROPOLATA 25

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NOTES:

1. FOR MECH ASSY AND PL SEE 70951803.

NORMANDALE DIVISION

- 2. FUR CARD PLACEMENT LIST SEE DWG 70957800 AND LUGIC SCHEMATIC 70954900.
- INSTALL A SOLID BLACK JUMPER WIRE, FIND NO. 76 FRUM FIN 2 AND FIN 50 OF EACH CONNECTOR, NUMBER A01 THRU A29 AND B01 THRU B29, TO THE CLOSEST HOLE IN THE CONNECTOR MOUNTING BAR FOR GROUNDING.
- IF THE FIRST LETTER OF WIRE IDENTIFICATION IS A "X", "Y", OR "Z" IT MEANS THE WIRE IS INSTALLED IN THE LOGIC CHASSIS BUT A LOGIC ELEMENT BY THAT TERM NAME IS NOT SHOWN ON LOGIC SCHEMATIC OR USED IN SINGLE CHANNEL UNITS.

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LW70951400	MDD	SING	LE CHAN	NEL		REVISION H		PAGE	2
AI52030	02	A07	21 0	80A	09	LOGIC CHASSIS			
AI52110	04	All	36 0	80A	13	LOGIC CHASSIS			
AI52210	04	A07	24 0	All	32	LOGIC CHASSIS			
AI52220	02	A07	32 0	80A	25		(03)		
AI52230	03	A07	30 0	A08	16	LOGIC CHASSIS			 :
AI52310	06	80A	29 0	A17	12		(03)		
A152320	$\frac{11}{02}$	80A	28 0	A27	38	LOGIC CHASSIS			· · · · · · · · · · · · · · · · · · ·
AI52331 AI60010	03 11	80A 80A	30 D 41 D	A08 A27	50 32	LOGIC CHASSIS	(03)		
A160010	03	A08	44 0	A07	50	LOGIC CHASSIS	(03)	· · · · · · · · · · · · · · · · · · ·	
A160210	06	A15	01 0	80A	33		(03)		
A160610	05	A15	26 0	80A	40		(03)		
AI61210	05	A17	22 0	A11	36	LUGIC CHASSIS			
AI62210	05	A14	05 0	A11	44		(03)		
AI62310	02	A14	13 0	A15	05	LOGIC CHASSIS	(03)		
AI62410	02	A14	16 0	A15	10	LOGIC CHASSIS	(03)		· · · · · · · · · · · · · · · · · · ·
A162510	02	A14	12 0	A15	18	LOGIC CHASSIS			
AK10010	04	A16	33 0	A21	18	LOGIC CHASSIS			
AK10011	02	A21	18 0	A21	13	LOGIC CHASSIS			
AK 10210	04	A16	25 0	A21	17		(03)		
AK10211	02	A21	17 0	A21	16	LOGIC CHASSIS			
AK10410	04	A16	22 0	A21	22		(03)		
AK10411	03	A21	22 0	A21	10	LOGIC CHASSIS			
AK10610	05	A16	12 0	A21	21		(03)		
AK10611	02 04	A21	21 0 37 0	A21	14	LOGIC CHASSIS			
AK10810	02	A16 A21	41 0	A21 A21	41 33	LOGIC CHASSIS	(03)		
AK10811 AK11010	04	A16	29 0	A21	42	LOGIC CHASSIS			
# AK11010	03	A21	42 0	A21	30	LOGIC CHASSIS			
AK11210	05	A16	18 0	A21	44		(03)		
AK11210	03	A21	44 1)	A21	29	LOGIC CHASSIS			
AK11410	06	A16	0.80	A21	45		(03)		
AK11411	03	A21	45 0	A21	36		(03)		
AK20310	07	A19	22 0	A29	38		(03)		
AK30110	02	A06	38 O	A06	21	LOGIC CHASSIS			
AK40010	03	A13	32 0	A14	13	LOGIC CHASSIS			
AK40210	02	A13	20 O	A14	12	LOGIC CHASSIS			
AK40410	02	A13	12 0	A15	08.	LOGIC CHASSIS			
AK40610	05	A13	05 O	A15	41	LOGIC CHASSIS			
AK40620	03	A13	30 0	AIZ	13	LOGIC CHASSIS			
AK40710	03	A13	40 0	A12	26	LOGIC CHASSIS			
AK40810	03	A12	25 0	A14	16	LOGIC CHASSIS			
AK41010	04	A12	17 0	A16	29	LOGIC CHASSIS			
AK41210	04	A12	12 0	A14	28	LOGIC CHASSIS			
AK41410	04	A12	01 0	A16	08	LOGIC CHASSIS			
AK 50010	03	A14	28 0 25 0	A16 A08	18 14	LOGIC CHASSIS			
AK50020 12 AK50030	05 06	A14 A14	14 0	A08	12	LOGIC CHASSIS			5546
12 AK50030 11 AK50210	06	A14 A07	10 0	A11	16	LOGIC CHASSIS			2240
10 AK 50210	-04	A11	16 0	A13	34	LOGIC CHASSIS			
9 AK50212	04	A11	34 0	All	42	LOGIC CHASSIS		•	21103
8 AK50310	02	A07	12 0	A06	05	LOGIC CHASSIS			
7 AK50311	06	A06	05 0	A13	28	LOGIC CHASSIS			
6 AK 50610	04	A07	26 0	A11	14	LOGIC CHASSIS			
5 AK50620	04	A07	33 0	A08	13	LOGIC CHASSIS			
4	······································						······································		
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LW70951400	MDD	SING	LE CHAN	NEL		REVISION H	PAGE	3
AK50710	05	A07	36 O	A11	09	LOGIC CHASSIS (03)		
AK50810	05	· A07	42 0	All	13	LOGIC CHASSIS (03)		
AK50910	05	A07	40 O	A11	10	LOGIC CHASSIS (03)		
AK51110	02	All	32 0	A12	37	LOGIC CHASSIS (03)		
4K51120	04	A11	37 O	A11	50	LOGIC CHASSIS (03)		21103
AK60010	04	A15	05 0	A16	33	LOGIC CHASSIS (03)		
AK60210	02	A15	18 0	A16	25	LOGIC CHASSIS (03)		
AK60410	03	A15	08 ()	A16	22	LOGIC CHASSIS (03)		
AK60610	04	A15	41 0	A16	12	LUGIC CHASSIS (03)		
AK60810	04	A15	10 0	A16	37	LOGIC CHASSIS (03)		
4K61010	04	A17	36 O	A14	21	LOGIC CHASSIS (03)		
AK61210	05	A17	37 O	A11	33	LOGIC CHASSIS (03)		
4K61410	04	A17	17 0	A14	24	LOGIC CHASSIS (03)		
AK61810	04	A17	24 0	A14	10	LOGIC CHASSIS (03)		
4K62010	04	A17	01 0	A14	17	LOGIC CHASSIS (03)		
AT00010	07	A24	01 0	A16	34	LOGIC CHASSIS (03)		
AT00020	11	A24	05 D	B16	34	LOGIC CHASSIS (03)		
AT00110	06	Δ24	12 0	A16	26	LOGIC CHASSIS (03)	1	····
AT00120	10	A24	14 0	B16	26	LOGIC CHASSIS (03)		
AT00210	06	A24	17 0	A16	20	LOGIC CHASSIS (03)		
AT00220	09	A24	18 0	B16	20	LOGIC CHASSIS (03)		
AT00310	06	A24	25 0	A16	09	LOGIC CHASSIS (03)		
AT00320	80	A24	26 0	B16	09	LOGIC CHASSIS (03)		
AT00410	06	A24	30 O	A16	38	LOGIC CHASSIS (03)		
AT00420	09	A24	32 0	B16	38	LOGIC CHASSIS (03)		
AT00510	06	A24	36 O	A16	30	LOGIC CHASSIS (03)		
AT00520	09	A24	37 O	B16	30	LOGIC CHASSIS (03)		
AT00610	07	A24	41 0	A16	16	LOGIC CHASSIS (03)		
AT00620	08	A24	42 0	B16	16	LOGIC CHASSIS (03)		
AT00710	07	A26	01 0	A16	05	LOGIC CHASSIS (03)		
AT00720	10	A26	05 O	B16	05	LOGIC CHASSIS (03)		/
AT00811	02	A26	12 0	A26	02	LOGIC CHASSIS (03)		
AT00821	03	A26	14 0	A25	02	LOGIC CHASSIS (03)		
AT01210	07	A28	01 0	A18	12	LOGIC CHASSIS (03)		
AT01220	10	A28	05 O	B18	12	LOGIC CHASSIS (03)		
AT01310	07	A28	12 0	A18	10	LOGIC CHASSIS (03)	······································	
AT01320	09	A28	14 0	B18	10	LOGIC CHASSIS (03)		
AT01410	03	A28	17 0	A28	02	LOGIC CHASSIS (03)	*	
4T01420	02	A28	17 0	A28	18	LOGIC CHASSIS (03)		
AT01610	07	A28	25 0	Al8	09	LOGIC CHASSIS (03)		
AT01620	09	A28	26 0	B18	09	LOGIC CHASSIS (03)		
AT01711	02	A19	16 0	A18	14	LOGIC CHASSIS (03)		
AT01710	07	A28	30 O	A19	, 16	LOGIC CHASSIS (03)		
AT01720	80	A28	32 0	B19	16	LOGIC CHASSIS (03)		
AT01721	02	B19	16 0	B18	14	LOGIC CHASSIS (03)		
AT01810	07	A28	36 O	Als	01	LOGIC CHASSIS (03)		
AT01820	80	A28	37 O	818	01	LUGIC CHASSIS (03)		
AT01910	06	A26	17 0	818	80	LOGIC CHASSIS (03)		
AT01920	02	A26	18 0	A26	26	LOGIC CHASSIS (03)		
AT02010	0.8	A26	25.0	B18	08	LOGIC CHASSIS (03)		
AT02020	02	A26	26 O	A26	32	LOGIC CHASSIS (03)		
AT02110	06	A26	30 0	A18	44	LOGIC CHASSIS (03)		
AT02120	02	A26	32 0	A26	37	LOGIC CHASSIS (0,8)		
AT02210	09	A26	36 O	B18	44	LOGIC CHASSIS (03)		
AT02220	02	A26	37 O	A26	42	LOGIC CHASSIS (03)		

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LW70951400	MDD	SING	E CHAN	NEL		REVISION H	PAGE	4
AT02310	05	A28	41 0	A22	33	LOGIC CHASSIS (03)		
AT02320	02	A28	42 0	A28	50	LOGIC CHASSIS (03)		
AT02410	80	A26	41 0	822	33	LOGIC CHASSIS (03)		
AT02420	02	A26	42 0	A26	50	LOGIC CHASSIS (03)		
AY40410	05	A13	10 0	A07	80	LOGIC CHASSIS (03)		
AY51510	03	80A	24 0	All	20	LOGIC CHASSIS (03)		
AY51511	06	A11	20 0	A1 8	37	LOGIC CHASSIS (03)		
AY60110	03	A17	10 0	A14	09	LUGIC CHASSIS (03)		
AY60410	04	80A	37 0	A11	40	LOGIC CHASSIS (03)		5543
AY60411	03	A11	40 O	A14	33	LOGIC CHASSIS (03)	,	5543
BI11811	03	816	44 ()	815	50	LOGIC CHASSIS (03)		
BI11820	10	B16	45 O	A25	40	LUGIC CHASSIS (03)		
BI12010	04	B16_	41 ()	B12	28	LOGIC CHASSIS (03)		
BI12110	80	B16	21 0	A25	45	LOGIC CHASSIS (03)		
BI12211	02	B16_	42 ()	B16	50	LOGIC CHASSIS (03)		
B120010	04	B17	21 0	B12	36	LOGIC CHASSIS (03)		
BI20020	09	B17	25 U	A29	45	LOGIC CHASSIS (03)		
BI20120	02	817	40 O	817	21	LOGIC CHASSIS (03)		5546
BI21710	04	818	05 0	819	29	LOGIC CHASSIS (03)		
BI21810	07	819	08.0	A25	2.5	LOGIC CHASSIS (03)		
BI22110	08	B19	12 0	A27	25	LOGIC CHASSIS (03)		
B122310	08	B19	14 ()	A29	33	LOGIC CHASSIS (03)		
BI22411	03	B19	18 0	819	02	LOGIC CHASSIS (03)		
BI22510	10	B19	40 0	A29	25	LOGIC CHASSIS (03)		
BI22810	11 02	B19	42 0	A29	20	LOGIC CHASSIS (03)	·	
BI23010 BI23210		B19	21 0	B18 B20	21	LOGIC CHASSIS (03)		
BI24910	02	B19 B19	34 O 24 O	B17	26 28	LOGIC CHASSIS (03)		
BI30010	03	B06	01 0	B08	05	LOGIC CHASSIS (03) LOGIC CHASSIS (03)		
B130210	$\frac{03}{04}$	B06	40 0	B06	50	LOGIC CHASSIS (03)		
BI30410	06	B06	17 0	B11	44	LOGIC CHASSIS (03)		
B130420	08	806	12 0	B18	20	ENGIC CHASSIS (03)		5453
BI34610	06	B18	36 0	811	22	LOGIC CHASSIS (03)		JTJJ
BI34710	-03	B18	16 0	B18	02	LOGIC CHASSIS (03)		
BI34910	08	818	41 0	B06	. 29	LOGIC CHASSIS (03)		
BI34911	08	B18	41 0	B06	45	LOGIC CHASSIS (03)		5453
BI40011	02	B12	05 0	812	02	LOGIC CHASSIS (03)		,,,,
B140020	09	B12	08 0	A25	33	LOGIC CHASSIS (03)		
BI40710	05	B12	36 O	B08	09	LOGIC CHASSIS (03)		
B140720	03	812	37 0	B14	• 29	LOGIC CHASSIS (03)		
BI40730	04	B12	32 0	B07	38	LOGIC CHASSIS (03)		
BI40910	03	B13	21 0	B12	10	LOGIC CHASSIS (03)		
BI40911	04	B12	10 0	808	20	LOGIC CHASSIS (03)		
BI41011	03	B12	09 0	B13	24	LOGIC CHASSIS (03)		
BI41010	05	B12	09 0	B08	21	LOGIC CHASSIS (03)		
BI41210	05	B11	08 0	B12	40	LOGIC CHASSIS (03)		
8141211	04	B12	40 0	813	13	LOGIC CHASSIS (03)		
BI41220	05	B11	05 0	B12	41	LOGIC CHASSIS (03)		
BI41221	04	812	41 0	в13	17	LOGIC CHASSIS (03)		
BI41310	04	B11	01 0	B12	34	LOGIC CHASSIS (03)		
BI41510	04	B11	12 0	B12	38	LOGIC CHASSIS (03)		
BI41511	04	B12	38 U	B13	09	LUGIC CHASSIS (03)		
BI41710	04	B13	45 0	811	17	LOGIC CHASSIS (03)		
B141810	03	B13	41 0	BII	29	LOGIC CHASSIS (03)		
BI42210	03	B12	20 0	B13	08	LOGIC CHASSIS (03)		
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LW70951400	MDD	SING	LE CHAN	INEL	1 .		
B142220	04	B12	21 0	в13	01	LOGIC CHASSIS (03)	
BI42230	02	B12	22 0	813	18	LOGIC CHASSIS (03)	
3142710	04	В13	42 0	B11	13	LOGIC CHASSIS (03)	
BI50910	04	B08	16 ()	B12	1.7	LUGIC CHASSIS (03)	
3150920	04	B08	18 0	B12	12	LOGIC CHASSIS (03)	
3150930	()4	808	17 0	813	12	LOGIC CHASSIS (03)	
3151310	05	B11	41 0	B07	09	LOGIC CHASSIS (03)	
3151410 3152010	04 06	B11 B07	21 0 20 0	B 07 B14	25 38	LOGIC CHASSIS (03)* LOGIC CHASSIS (03)	21997
B152020	07	-B07-	$\frac{200}{140}$	B17	14	LOGIC CHASSIS (03)	
B152030	03	B07	21 0	808	09	LUGIC CHASSIS (03)	
B152110	04	B11	36 U	808	13	LOGIC CHASSIS (03)	
B I 52210	04	B07	24 ()	B11	32	LOGIC CHASSIS (03)	
8152220	03	B07	32 0	808	25	LOGIC CHASSIS (03)	
3152230	03	B07	30 O	808	16	LOGIC CHASSIS (03)	
BI52310	06	B08	29 0	B17	12	LOGIC CHASSIS (03)	
B152320	12	B08	28 O	A27	40	LOGIC CHASSIS (03)	
BI52331	03	B08	30 0	B08	50	LOGIC CHASSIS (03)	
B160010	12	в08	41 0	A27	33	LUGIC CHASSIS (03)	
BI60021	03	B08	44 0	B07	50	LOGIC CHASSIS (03)	,
BI60210	06	B15	01 0	В08	33	LUGIC CHASSIS (03)	
BI60610	05	B15	26 0	808	40	LOGIC CHASSIS (03)	
8161210	05	B17	22 0	B11	36	LOGIC CHASSIS (03)	
BI62210	05	B14	05 0	B11	44	LOGIC CHASSIS (03)	
BI62310	02 02	B14 B14	13 U 16 U	B15	05	LOGIC CHASSIS (03)	
BI62410 BI62510	02	B14	12 0	B15 B15	10 18	LOGIC CHASSIS (03) LOGIC CHASSIS (03)	
BK10010	04	B16	33 0	B21	18	LOGIC CHASSIS (03)	
BK10010	02	B21	18 0	B21	13	LOGIC CHASSIS (03)	
BK10210	04	B16	25 0	B21	17	LOGIC CHASSIS (03)	
BK10211	02	B21	17 0	B21	16	LOGIC CHASSIS (03)	
BK10410	04	816	22 0	B21	22	LOGIC CHASSIS (03)	
BK10411	03	B21	22 0	821	10	LUGIC CHASSIS (03)	•
BK10610	05	B16	12 0	B21	21	LOGIC CHASSIS (03)	
BK10611	02	B21	21 0	B21	14	LOGIC CHASSIS (03)	
BK10810	04	B16 ,	37 0	B21	41	LOGIC CHASSIS (03)	
BK10811	02	B21	41 0	B21	33	LOGIC CHASSIS (03)	
BK11010	04	B16	29 0	B21	42	LOGIC CHASSIS (03)	
BK11011 BK11210	03 05	B21 B16	42 0 18 0	B21	30 44	LOGIC CHASSIS (03) LOGIC CHASSIS (03)	
BK11210	03	B21	44 0	B21	29	LOGIC CHASSIS (03)	
BK11211	06	B16	08 0	B21	45	LOGIC CHASSIS (03)	
BK11410	03	B21	45 0	B21	36	LOGIC CHASSIS (03)	
BK20310	08	B19	22 0	A29	40	LOGIC CHASSIS (03)	
BK30110	02	B06	38 0	B06	21	LOGIC CHASSIS (03)	
BK40010	03	В13	32 U	B14	13	LOGIC CHASSIS (03)	Andrew Control of the
BK40210	02	B13	20 ()	В14	12	LOGIC CHASSIS (03)	
BK40410	02	B13	12 0	B15	08	LOGIC CHASSIS (03)	
BK40610	05	B13	05 ()	815	41	LOGIC CHASSIS (03)	
BK40620	03	B13	30 0	B12	13	LOGIC CHASSIS (03)	
BK40710	03	B13	40 0	B12	26	LOGIC CHASSIS (03)	
BK40810	03	B12	25 O	B14	16	LOGIC CHASSIS (03)	•
BK41010	04	B12	17 0	B16	29	LOGIC CHASSIS (03)	
BK41210 BK41410	04 04	B12 B12	12 0 01 0	B14 B16	28 08	LOGIC CHASSIS (03) LOGIC CHASSIS (03)	
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LW70951400	MDD	SING	LE CHAN	NEL			
BK50010	03	В14	28 0	B16	18	LOGIC CHASSIS (03)	
BK50020	05	B14	25 0	B08	14	LOGIC CHASSIS (03)	
BK50030	06	B14	14 0	808	12	LOGIC CHASSIS (03)	5546
BK50210	04	B07	10 0	B11	16	LOGIC CHASSIS (03)	
BK50211	04	B11	16 D	B13	34	LOGIC CHASSIS (03)	
BK50212	04	В13	34 0	B11	42	LOGIC CHASSIS (03)	21103
BK50310	02	B07	12 0	B06	05	LOGIC CHASSIS (03)	22200
BK50311	06	B06	05 0	B13	28	LOGIC CHASSIS (03)	
BK50610	04	B07	26 0	B11	14	LOGIC CHASSIS (03)	
BK50620	04	B07	33 0	B08	13	LOGIC CHASSIS (03)	
BK50710	05	B07	36 O	811	09	LOGIC CHASSIS (03)	
BK50810	05	B07	42 ()	B11	13	LOGIC CHASSIS (03)	
BK50910	05	B07	40 0	B11	10	LUGIC CHASSIS (03)	
BK51110	02	811	32 0	B12	37	LOGIC CHASSIS (03)	
BK51120	03	B11	37 0	B11	50	LOGIC CHASSIS (03)	21103
BK60010	04	815	05 0	B16	33	LOGIC CHASSIS (03)	
BK60210	02	815	18 0	816	25	LOGIC CHASSIS (03)	
BK60410	03	B15	08.0	B16	22	LOGIC CHASSIS (03)	
BK60610	04	815	41 0	816	12	LOGIC CHASSIS (03)	
BK60810	04	B15	10 0	B16	37	LOGIC CHASSIS (03)	
BK61010	03	B17	36 O	B14	21	LOGIC CHASSIS (03)	
BK61210	05	B17	37 0	B11	33	LOGIC CHASSIS (03)	
BK61410	04	B17	17 0	B14	24	LOGIC CHASSIS (03)	
BK61810	04	B17	24 ()	B14	10	LOGIC CHASSIS (03)	
BK62010	04	B17	01 0	B14	17	LOGIC CHASSIS (03)	
BT00010	08	B24	01 0	A16	36	LOGIC CHASSIS (03)	,
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BT00110	08	B24-	12 0	A16	28	LOGIC CHASSIS (03)	
BT00120	08	B24	14 0	B16	28	LOGIC CHASSIS (03)	
BT00210	09	B24	$\frac{1}{17} \frac{0}{0}$	A16	17	LOGIC CHASSIS (03)	•
BT00220	06	B24	18 0	816	17	LOGIC CHASSIS (03)	T 100 100 100 100 100 100 100 100 100 10
BT00310	-10^{-10}	B24	25 0	A16	10	LOGIC CHASSIS (03)	
BT00320	06	B24	26 0	816	10	LOGIC CHASSIS (03)	¥ . **
BT00410	08	B24	30 0	A16	40	LOGIC CHASSIS (03)	
BT00410	06	B24	32 0	B16	40	LOGIC CHASSIS (03)	
BT00510	09	B24	36 0	A16	32	LOGIC CHASSIS (03)	
BT00520	06	B24	37 O	816	32	LUGIC CHASSIS (03)	
BT00610	-11^{-1}		41 0	A16	13	LOGIC CHASSIS (03)	<u>, , , , , , , , , , , , , , , , , , , </u>
BT00620	06	B24	42 0	B16	13	LOGIC CHASSIS (03)	/
BT00710	09	B26	01 0	A16	01	LOGIC CHASSIS (03)	
BT00720	06	B26	05 0	816	01	LOGIC CHASSIS (03)	
BT00811	02	B26	12 0	B26	02	LUGIC CHASSIS (03)	
BT00821	03	B26	14 0	B25	02	LOGIC CHASSIS (03)	
BT01210	08_	B28	01 0	A18	32	LOGIC CHASSIS (03)	
BT01210	07	B28	05 0	818	32	LOGIC CHASSIS (03)	
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BT01310	07	B28	14 0	B18	29	LOGIC CHASSIS (03)	
BT01410	03	B28	17 0	B28	02	LOGIC CHASSIS (03)	11417
BT01410	02	B28	18 0	B28	17	LOGIC CHASSIS (03)	11417
BT01420	10	B28	25 0	A18	, 30	LOGIC CHASSIS (03)	TITI
		B28	26 0	B18	30	LOGIC CHASSIS (03)	
BT01620 BT01810	$\frac{07}{10}$	B28	36 0	A18	34	LOGIC CHASSIS (03)	
					34 34	LOGIC CHASSIS (03)	
BT01820	07 09	B28 B26	37 0 17 0	B18 A18	25	LOGIC CHASSIS (03)	
BT01910		B26		B26	26	LOGIC CHASSIS (03)	
BT01920	02	040	18 0	020	20	FORIC CHASSIS 1051	

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BT02010	06	B26	25 0	818	25	LOGIC CHASSIS (03)		
BT02020	02	B26	26 0	B26	32	LOGIC CHASSIS (03)	****	"
BT02110	10	B26	30 0	A19	32	LOGIC CHASSIS (03)		
BT02111	03	A19	32 0	A18	45	LOGIC CHASSIS (03)		
BT02120	02	826	32 0	B26	37	LOGIC CHASSIS (03)		
BT02211	02	B19	32 0	B18	45	(03)		
BT02210	06	B26	36 0	B19	32	(03)		
BT02220	02	B26	37 0	B26	42	LOGIC CHASSIS (03)		
BT02310	10	B28	41 0	A22	21	LOGIC CHASSIS (03)	_	
BT02320	02	B28	42 ()	828	50	LOGIC CHASSIS (03)		
BT02410	05	B26	41 0	B22	21	LOGIC CHASSIS (03)		
BT02420	02	B26	42 0	B26	50	LOGIC CHASSIS (03)		
BY40410	05	B13	10 0	B07	80	LOGIC CHASSIS (03)		
BY51510	03	B08	24 ()	811	20	LUGIC CHASSIS (03)		
BY51511	06	811	20 0	B18	37	LOGIC CHASSIS (03)		
BY60110	03	B17	10 0	B14	09	LUGIC CHASSIS (03)		
BY60410	03	B08_	37_0	811	40	LOGIC CHASSIS (03)		5543
BY60411	03	811	40 ()	814	33	LOGIC CHASSIS (03)		5543
XI10010	04	A21	13 0	A25	80	LOGIC CHASSIS (03)		5496
XI10020	08	A21	12 0	825	08	LOGIC CHASSIS (03)		5496
XI10110	04	A21	16 U	A25	13	LOGIC CHASSIS (03)		5496
XI10120	08	A21	08 0	B25	13	LOGIC CHASSIS (03)		5496
X110210	()4	A21	10 0	A25	18	LOGIC CHASSIS (03)		5496
X110220	09	A21.	05 ()	B25	18	LUGIC CHASSIS (03)		5496
XI10310	05	A21	14 ()	A27	08	LOGIC CHASSIS (03)		5496
X110320	08	A21	09 0	B27	08	LUGIC CHASSIS (03)		5496
XI10410	05	A21	33 U	A27	13	LUGIC CHASSIS (03)		5496
X110420	08	A21	32 0	_B27	13	LUGIC CHASSIS (03)		5496
XI10510	05	A21	30 Ü	A27	18	LOGIC CHASSIS (03)		5496
XI10520	07	A21	40 0	в27	18	LUGIC CHASSIS (03)		5496
XI10610	06	A21	29 0	A29	08	LOGIC CHASSIS (03)		5496
XI10620	07	A21	38 0	B29	08	LOGIC CHASSIS (03)		5496
XI10710	06	A21	36 O	A29	13	LOGIC CHASSIS (03)		5496
X110720	08	A21	$\frac{300}{370}$	B29	13	LOGIC CHASSIS (03)		5496
XI10810	04	A21	01 0	A20	25	LOGIC CHASSIS (03)		5496
XI10910	02	A21	34 O	A19	29	LOGIC CHASSIS (03)		5496
XI11810	09	A16	44 0	B25	38	LOGIC CHASSIS (03)		5496
XI12210	09	A16	42 0	B25	44	LOGIC CHASSIS (03)		5496
XI20110	11	A17	29 0	B29	44	LOGIC CHASSIS (03)		5496
XI21510	03	A18	22 0	A20	25	LOGIC CHASSIS (03)		5496
XI22410	03	A19	18 0	A20	32	LOGIC CHASSIS (03)		5496
XI23310	09	A20	08 0	B25	24	LOGIC CHASSIS (03)		5496
XI23410	02	A20	05 0	A19	09	LOGIC CHASSIS (03)		5496
X123420	02	A20	01 0	A19	10	LOGIC CHASSIS (03)	- 1, , , , , , , , , , , , , , , , , , ,	5496
XI23430	02	A20	09 0	A19	05	LOGIC CHASSIS (03)		5496
XI23440	02	A20	12 0	A19	17	LOGIC CHASSIS (03)		5496
XI23510	10	A20	10 0	B27	24	LOGIC CHASSIS (03)		5496
XI23610	10	A20	22 0	B29	32	LOGIC CHASSIS (03)		5496
XI23710	02	A20	21 0	A19	30	LOGIC CHASSIS (03)		5496
X123110	10	A20	13 0	B29	24	LOGIC CHASSIS (03)		5496
XI23910	04	A20	17 0	A19	37	LOGIC CHASSIS (03)		5496
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XI23930	04	A20	14 0	A19	36	LOGIC CHASSIS (03)		5496
X123930	04	A20	16 0	A19	41	LOGIC CHASSIS (03)		5496
X124010	09	A20	18 0	B29	18	LOGIC CHASSIS (03)		549 6
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XI24110	02	A20	29 0	A19	21	LOGIC CHASSIS (03)		5496
X124310	03	A20	37 0	A19	26	LUGIC CHASSIS (03)		5496
XI24410	04	A20	45 0	A19	13	LOGIC CHASSIS (03)		5496
XI25010	04	A20	41 ()	A17	30	LOGIC CHASSIS (03)		5496
XI40010	11	A12	05 ()	825	32	LOGIC CHASSIS (03)		5496
XI52330	13	80A	30 O	B27	38	LOGIC CHASSIS (03)		5496
XI52340	07	80A	32 0	A17	13	LOGIC CHASSIS (03)		5496
XI60020	12	A08	44 ()	B27	32	LOGIC CHASSIS (03)		5496
XK20210	03_	A19	28 D	A20	44	LOGIC CHASSIS (03)		5496
XK20510	09	A20	40 0	829	38	LUGIC CHASSIS (03)		5496
XT00810	05	A26	12 0	A20	28	LOGIC CHASSIS (03)		5496
XT00820	10	A26	14 0	B20	28	LOGIC CHASSIS (03)	1	5496
XT02111	03	A18	44 0	A20	38	LOGIC CHASSIS (03)		5496
XT02211	03	B18	44 ()	B20	38	LOGIC CHASSIS (03)		5496
YI10010	08_	B21	13 0	A25	10	LOGIC CHASSIS (03)		5496
YI10020	04	B21	12 0	B25	10	LOGIC CHASSIS (03)		5496
YI10110	- 0.8	B21	16 0	A25	14	LOGIC CHASSIS (03)		5496
YI10120	04	B21	08 0	B25	14	LOGIC CHASSIS (03)		5496
YI10210	08	B21	10 0	A25	20	LOGIC CHASSIS (03)		5496
YI10220	04	B21	05 0	B25	20	LOGIC CHASSIS (03)		5496
Y110310	- 09	B21 ·	14 0	A27	-l-0	LOGIC CHASSIS (03)		· 5496
YI10320	05	B21	09 0	B27	. 10	LUGIC CHASSIS (03)		5496
YI10410	10	B21	33 0	A27	14	LOGIC CHASSIS (03)		5496
YI10420	05	B21	32 O	B27	14	LOGIC CHASSIS (03)		5496
Y110510	09	B21	30 0	A27	20	LOGIC CHASSIS (03)		5496
YI10520	05	B21	40 0	B27	20	LOGIC CHASSIS (03)		5496
YI10610	10	B21	29 0	A29	10	LOGIC CHASSIS (03)		5496
YI10620	06	B21	38 0	B29	10	LOGIC CHASSIS (03)		5496
YI10710	10	B21	36 0	A29	14	LOGIC CHASSIS (03)		5496
Y110720	06	B21	37 0	· B29	14	LOGIC CHASSIS (03)		5496
YI10810	04	B21	01 0	B20	25	LOGIC CHASSIS (03)		5496
YI10910	02	B21	34 0	B19	29	LOGIC CHASSIS (03)		5496
YI11810	09	B16	44 0	B25	40	LOGIC CHASSIS (03)		5496
YI12210	07	B16	42 0	B25	45	LOGIC CHASSIS (03)		5496
YI20110	08	B17	29 0	B29	45	LOGIC CHASSIS (03)		5496
YI21510	03	B18	22 0	B20	25	LOGIC CHASSIS (03)		5496
Y122410	03 05	B19 B20	18 O 08 O	B20 B25	32 25	LOGIC CHASSIS (03)		5496 5496
YI23310 YI23410	02	B20	05 0	B19	09	LOGIC CHASSIS (03)		· 5496
Y123410 Y123420	02	B20	01 0	B19	10	LOGIC CHASSIS (03)		5496
Y123420	02	B20	09 0	B19	05	LOGIC CHASSIS (03)		5496
Y123440	02	B20	12 0	B19.	$\frac{0.5}{17}$	LOGIC CHASSIS (03)		5496
YI23510	06	B20	10 0	B27	25	LOGIC CHASSIS (03)		5496
Y123610	-07 -	B20	22 0	B29	33	LOGIC CHASSIS (03)		5496
YI23710	02	B20	21 0	B19	30	LOGIC CHASSIS (03)		5496
YI23810	07	B20	13 0	B29	25	LOGIC CHASSIS (03)		5496
Y123910	04	B20	17 0	B19	37	LOGIC CHASSIS (03)		5496
Y123920	04	B20	20 0	B19	38	LOGIC CHASSIS (03)		5496
Y123920	04	B20	14 0	B19	36	LOGIC CHASSIS (03)		5496
Y123940	04	B20	16 0	B19	$\frac{30}{41}$	LOGIC CHASSIS (03)		5496
YI24010	07	B20	18 0	B29	20	LOGIC CHASSIS (03)		5496
Y124110	02	B20	29 0	819	21	LOGIC CHASSIS (03)		5496
YI24310	03	B20	37 0	819	26	LOGIC CHASSIS (03)		5496
Y124410	04	B20	45 0	B19	13	LOGIC CHASSIS (03)		5496
1124410	.	B20	41 0	B17	30	LOGIC CHASSIS (03)		5496

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Y140010		B12	05 0	B25	33	LOGIC CHASSIS		5496
YI52330	11	B08	30 O	B27	40	LOGIC CHASSIS		5496
YI52340		B08	32 0	B17	13	LOGIC CHASSIS		5496
Y160020	11	B08	44 0	B27	33	LUGIC CHASSIS		549 <i>6</i>
YK20210		B19	28 0	B20	44	LOGIC CHASSIS		5496
YK20510	06	B20	40 O	B29	40	LOGIC CHASSIS		549 <i>6</i>
YT00810		B26_	12 0	A19_	25	LOGIC CHASSIS		5496
YT00820	05	B26	14 ()	B19	25	LUGIC CHASSIS		5496
YT01710		B28_	30_0	A20	24	LIGIC CHASSIS		5496
YT01711	04	A20	24 0	A18	33	LUGIC CHASSIS		549 <i>6</i>
YT01720	06	B28	32 0	B20	24	LOGIC CHASSIS		5496
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Z203910	08	B25	26 0	A20	36	LOGIC CHASSIS		5496
Z204010	04	B25	34 ()	B20	36	LOGIC CHASSIS		5496
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Z206710	03	A22	18 0	A21	01	LOGIC CHASSIS		5496
Z207010	04	B22	18 0	B21	01	LOGIC CHASSIS		5496
0100110	05	A18	21 0	A14	44	LOGIC CHASSIS		
0100210	02	A18	24 0	A17	22	LOGIC CHASSIS		
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0100410	03	A18	20 0	A17	37	LOGIC CHASSIS		
0100510		A18	17 0	A14	05	LOGIC CHASSIS		
0100710	05	B18	21 0	B14	44	LOGIC CHASSIS		
0100810	02	B18	24 0	817	22	LOGIC CHASSIS		
0100910	02	B18	18 0	B17	20	LOGIC CHASSIS		
0101010	03	B18	20 0	817	37	LOGIC CHASSIS		~
0101110	04	B18	17 0	B14	05	LOGIC CHASSIS		
0200110	02	A25	01 O 05 O	A24	08 09	LOGIC CHASSIS	 	
0200210	02	A25 A25	09 D	A24 A24	13	LOGIC CHASSIS		
0200310 0200410	02 02	A25	12 0	A24	16	LOGIC CHASSIS		
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0200510	02	A25	17 0	A24	24	LOGIC CHASSIS		
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0201210		A26	33 O	A30	17	LOGIC CHASSIS		
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0201410		A26	38 0	A30	20	LOGIC CHASSIS		
0201610	05	A26	40 0	A30	22	LOGIC CHASSIS		
0201710		A26	44 0	A30	09	LOGIC CHASSIS		
0201810	05	A26	45 O	A30	10	LOGIC CHASSIS		
0201910		A27	26 0	A19	44	LOGIC CHASSIS		
0202010	09	A27	34 0	B19	44	LOGIC CHASSIS		
0202110		A27	01 0	A24	28	LOGIC CHASSIS		
0202210	04	A27	05 0	A24	29	LOGIC CHASSIS		
0202310	04	A27	09 0	A24	33	LOGIC CHASSIS		
0202410	04	A27	12 0	A24	34	LOGIC CHASSIS		
0202510	04	A27	16 0	A24	38	LOGIC CHASSIS		
0202610	04	A27	17 0	A24	40	LOGIC CHASSIS		
0202710	05	A28	44 O	A30	05	LOGIC CHASSIS		

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202810	05	A28	45 0	A 30	08	LOGIC CHASSIS	(03)		
0202910	06	A29	01 0	A24	44	LOGIC CHASSIS	(03)		
203010	06	A29	05 O	A24	45	LOGIC CHASSIS	(03)		
0203110	04	A29.	09 0	A26	08	LOGIC CHASSIS	(03)		
203210	03	A29 ·	12 0	A26	09	LOGIC CHASSIS	(03)		
0203310	02	B25	01 0	B24	80	LOGIC CHASSIS	(03)		
0203410	02	B25	05 0	B24	09	LOGIC CHASSIS	(03)		
0203510	02	B25	09 0	B24	13	LOGIC CHASSIS	(03)		
0203610	02	B25	12 0	B24	16	LOGIC CHASSIS	(03)		
0203710	02	B25	16 0	B24	21	LOGIC CHASSIS	(03)		
0203810	02	B25	17 0	B24	24	LOGIC CHASSIS	(03)	•	
0204110	04	B27	01 0	B24	28	LOGIC CHASSIS	(03)		
0204210	04	B27	05 0	B24	29	LOGIC CHASSIS	(03)		,
0204310	04	B27	09 0	B24	33	LUGIC CHASSIS	(03)		/
0204410	04	B27	12 0	B24	34		(03)		
0204510	04	B27	16 0	B24	38		(03)		
0204610	04	B27	17 0	B24	40		(03)		
0204910	04	B26	21 0	В30	12	LOGIC CHASSIS	(03)		
0205010	04	B26	24 ()	B30	14		(03)		
0205110	04	B26	28 0	B30	13	LOGIC CHASSIS	(03)		
0205210	04	B26	29 0	B30	16		(03)		
0205310	04	B26	33 ()	B30	17	LOGIC CHASSIS	(03)		
0205410	04	B26	34 O	B30	18	LOGIC CHASSIS	(03)		
0205510	05	B26	38 0	B30	20	LOGIC CHASSIS	(03)		
)205610	05	B26	40 ()	B30	22	LOGIC CHASSIS	(03)		
0205710	05	826	44 0	B30	, Q9	LOGIC CHASSIS	(03)		
0205810	05	B26	45 O	B30	10	LOGIC CHASSIS	(03)		
0205910	05	B28	44 ()	B30	05		(03)		
0206010	05	B28	45 0	B30	8'0	LOGIC CHASSIS	(03)		
0206110	06	B29	01 0	B24	44		(03)		
0206210	06	B29	05 0	B24	45	LOGIC CHASSIS			
0206310	03	B29	09 0	B26	08		(03)		
0206410	03	B29	12 0	B26	09		(03)		
0206510	06	A22	13 0	A14	18	LOGIC CHASSIS	(03)		
0206610	03	A22	25 0	A21	34		(03)		
0206810	06	B22	13 0	B14	18		(O3.)		
0206910	03	B22	25 0	B21	34	LOGIC CHASSIS			
0207110	04	~ A14	26 0	A17	16	LOGIC CHASSIS			
0207210	04	В14	26 ()	131/	16	LOGIC CHASSIS			
0207310	09		_44 O	AZO	29	LOGIC CHASSIS			5453
0207410	09	В06	44 ()	B20	29	LOGIC CHASSIS			5453
0300110		17500		A25	01	LOGIC CHASSIS		000	
0300210		IJ200		A25	05	LOGIC CHASSIS		444	
0300310			02 X	A25	09	LOGIC CHASSIS		000	
0300410		IJ200		A25	12		(03)	444	
0300510		IJ200		A25	16		(03)	000	
0300610		IJ200		A25	17		(03)	444	
0300710			08 X	A27	01		(03)	000	
0300810		I J200		A27	05	LOGIC CHASSIS		444	
0300910			10 X	Δ27	09		(03)	000	
0301010		IJ200		A27	12		(03)	444	
0301110			11 X	A27	16		(03)	000	
0301210		IJ200		A27	17	LOGIC CHASSIS		444	
0301310			15 X	A29	01	LOGIC CHASSIS		000	
0301410		IJ200	18 X	A29	05	LOGIC CHASSIS	(03)	444	

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0301510	IJ200 16 X A29	09	LOGIC CHASSIS (03)	000
0301610	IJ200 20 X A29		LOGIC CHASSIS (03)	444
0301710	IJ200 17 X A25		LOGIC CHASSIS (03)	000
0301810	IJ200 21 X A25		LOGIC CHASSIS (03)	444
0301910	IJ200 22 X A27	28	LUGIC CHASSIS (03)	000
0302010	IJ200 25 X A27		LOGIC CHASSIS (03)	444
0302110 0302210	IJ200 23 X A25 IJ200 26 X A25	28 29	LOGIC CHASSIS (03)	000
0302210	IJ200 26 X A25	36	LOGIC CHASSIS (03) LOGIC CHASSIS (03)	000
0302410	1J200 24 X AZ1	37	LOGIC CHASSIS (03)	444
0302510	IJ200 28 X A25	41	LOGIC CHASSIS (03)	000
0302610	IJ200 31 X A25	42	LOGIC CHASSIS (03)	444
0302710	IJ200 29 X A27	41	LOGIC CHASSIS (03)	000
0302810	IJ200 32 X A27		LOGIC CHASSIS (03)	444
0302910	IJ200 30 X A28	21	LOGIC CHASSIS (03)	000
0303010	IJ200 33 X A28	24	LOGIC CHASSIS (03)	444
0303110	IJ200 34 X A28		LOGIC CHASSIS (03)	000
0303210	IJ200 37 X A28	09	LOGIC CHASSIS (03)	444
0303310	I J200 35 X A28	13	LOGIC CHASSIS (03)	000
0303410 0303510	IJ200 38 X A28		LOGIC CHASSIS (03)	444
0303610	IJ200 40 X A25 IJ200 43 X A25	21	LOGIC CHASSIS (03)	000 444
0303010	IJ200 43 X A27	21	LOGIC CHASSIS (03)	000
0303110	IJ200 44 X A27		LOGIC CHASSIS (03)	444
0303910	IJ200 42 X A29		LOGIC CHASSIS (03)	000
0304010	IJ200 45 X A29		LOGIC CHASSIS (03)	444
0304110	IJ200 46 X A29		LOGIC CHASSIS (03)	000
0304210	IJ200 49 X A29	17	LUGIC CHASSIS (03)	444
0304310	IJ200 47 X A29	28	LOGIC CHASSIS (03)	000
0304410	IJ200 50 X A29		LOGIC CHASSIS (03)	444
0304510	IJ200 58 X A28	28	LUGIC CHASSIS (03)	000
0304610	IJ200 62 X A28		LUGIC CHASSIS (03)	444
0304710	IJ200 59 X A28		LOGIC CHASSIS (03)	000
0304810	IJ200 63 X A28		LOGIC CHASSIS (03)	444
0304910	IJ200 60 X A28		LOGIC CHASSIS (03)	000
0305010	1J200 64 X A28		LOGIC CHASSIS (03) LOGIC CHASSIS (03)	44 4 000
0305110 0305210	IJ200 65 X A29 IJ200 70 X A29		LOGIC CHASSIS (03)	444
0305210	IJ200 70 X A29	13	LOGIC CHASSIS (03)	000
0305410	IJ200 71 X A26		LUGIC CHASSIS (03)	444
0305510	IJ200 67 X A29		LOGIC CHASSIS (03)	000
0305610	IJ200 72 X A29		LOGIC CHASSIS (03)	444
0400110	IJ201 01 X A24		LOGIC CHASSIS (03)	000
0400210	IJ201 04 X A24	09	LUGIC CHASSIS (03)	444
0400310	IJ201 02 X A24		LOGIC CHASSIS (03)	000
0400410	IJ201 05 X A24		LOGIC CHASSIS (03)	444
0400510	IJ201 03 X A24		LOGIC CHASSIS (03)	000
0400610	IJ201 07 X A24		LOGIC CHASSIS (03)	444
0400710	IJ201 08 X A24		LOGIC CHASSIS (03)	000 444
0400810	IJ201 12 X A24 IJ201 10 X A24		LOGIC CHASSIS (03) LOGIC CHASSIS (03)	000
0400910 0401010	IJ201 10 X A24 IJ201 13 X A24		LOGIC CHASSIS (03)	444
0401010	IJ201 13 X A24		LOGIC CHASSIS (03)	000
0401210	IJ201 11 X A24		LOGIC CHASSIS (03)	444
0401310	IJ201 15 X A24		LOGIC CHASSIS (03)	000

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0401410		124 45	LOGIC CHASSIS (03)	444
0401510		126 08	LOGIC CHASSIS (03)	000
0401610		126 09	LOGIC CHASSIS (03)	444
0401710		25 36	LUGIC CHASSIS (03)	000
0401810		25 37	LOGIC CHASSIS (03)	444
0401910		A27 28	LOGIC CHASSIS (03)	000
0402010		27 29	LOGIC CHASSIS (03)	444
0402110		25 28	LOGIC CHASSIS (03)	000
0402210		25 29	LOGIC CHASSIS (03)	444
0402310		27 36	LOGIC CHASSIS (03)	000
0402410		27 37	LOGIC CHASSIS (03)	444
0402510		125 41	LOGIC CHASSIS (03)	000
0402510		125 42	LOGIC CHASSIS (03)	444
0402710				
			LOGIC CHASSIS (03)	000
0402810		127 42 120 21	LOGIC CHASSIS (03)	444
0402910		A28 21		000
0403010		128 24	LOGIC CHASSIS (03)	444
0403110		428 08	LOGIC CHASSIS (03)	000
0403210		128 09	LOGIC CHASSIS (03)	444
0403310		13	LOGIC CHASSIS (03)	000
0403410		128 16	LOGIC CHASSIS (03)	444
0403510		125 21	LOGIC CHASSIS (03)	000
0403610		125 22	LOGIC CHASSIS (03)	444
0403710		427 21	LOGIC CHASSIS (03)	000
0403810		27 22	LOGIC CHASSIS (03)	444
0403910		129 21	LOGIC CHASSIS (03)	000
0404010		129 22	LOGIC CHASSIS (03)	444
0404110		129 16	LOGIC CHASSIS (03)	000
0404210		129 17	LOGIC CHASSIS (03)	444
0404310		129 28	LOGIC CHASSIS (03)	000
0404410		129 29	LOGIC CHASSIS (03)	444
0404510		428 28	LOGIC CHASSIS (03)	000
0404610		128 29	LOGIC CHASSIS (03)	444
0404710	IJ201 59 X /	428 33	LOGIC CHASSIS (03)	000
0404810	IJ201 63 X A	128 34	LOGIC CHASSIS (03)	444
0404910	IJ201 60 X	428 38	LOGIC CHASSIS (03)	000
0405010	IJ201 64 X A	128 40	LOGIC CHASSIS (03)	444
0405110	IJ201 65 X	129 36	LUGIC CHASSIS (03)	000
0405210	IJ201 70 X A	129 37	LOGIC CHASSIS (03)	444
0405310	IJ201 66 X	126 13	LOGIC CHASSIS (03)	000
0405410	IJ201 71 X	126 16	LOGIC CHASSIS (03)	444
0405510	IJ201 67 X	429 41	LOGIC CHASSIS (03)	000
0405610	IJ201 72 X A	129 42	LOGIC CHASSIS (03)	444
0500110		426 21	LOGIC CHASSIS (03)	000
0500210	·	126 24	LOGIC CHASSIS (03)	444
0500310		126 28	LOGIC CHASSIS (03)	000
0500410		26 29	LOGIC CHASSIS (03)	444
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0500610		26 34	LOGIC CHASSIS (03)	444
0500710		126 38	LOGIC CHASSIS (03)	000
0500810		126 40	LOGIC CHASSIS (03)	444
0500910		128 44	LOGIC CHASSIS (03)	000
0501010		28 45	LOGIC CHASSIS (03)	444
0501110		126 44	LOGIC CHASSIS (03)	000
0501210		26 45	LOGIC CHASSIS (03)	444
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0600110		25 01	LOGIC CHASSIS (03)	000
0600210		25 05	LOGIC CHASSIS (03)	444
0600310		25 09	LOGIC CHASSIS (03)	000
0600410		25 12	LOGIC CHASSIS (03)	444
0600510		25 16	9LOGIC CHASSIS (03)	000
0600610		25 17	LOGIC CHASSIS (03)	444
0600710		27 01	LOGIC CHASSIS (03)	000
0600810 0600910		27 05	LOGIC CHASSIS (03)	444
0601010		27 09 27 12	LOGIC CHASSIS (03) LOGIC CHASSIS (03)	000 444
0601110		27 16	LOGIC CHASSIS (03)	000
0601210		27 17	LOGIC CHASSIS (03)	444
0601210		29 01	LOGIC CHASSIS (03)	000
0601410		29 05	LOGIC CHASSIS (03)	444
0601510		29 09	LOGIC CHASSIS (03)	000
0601610		29 12	LOGIC CHASSIS (03)	444
0601710		25 36	LOGIC CHASSIS (03)	000
0601810		25 37	LOGIC CHASSIS (03)	444
0601910	IIJ20022 X B2	27 ,28	LOGIC CHASSIS (03)	000
0602010	IIJ20025 X B	27 29	LOGIC CHASSIS (03)	444
0602110	IIJ20023 X B2	25 28	LOGIC CHASSIS (03)	000
0602210		25 29	LOGIC CHASSIS (03)	444
0602310		27 36	LOGIC CHASSIS (03)	000
0602410		27 37	LOGIC CHASSIS (03)	444
0602510		25 41	LOGIC CHASSIS (03)	000
0602610		25 42	LOGIC CHASSIS (03)	444
0602710		27 41	LOGIC CHASSIS (03)	000
0602810		27 42	LOGIC CHASSIS (03)	444
0602910		28 21	LOGIC CHASSIS (034)	000
0603010 0603110		28 24 28 08	LOGIC CHASSIS (03)	444 000
0603110		28 09	LOGIC CHASSIS (03)	444
0603210		28 13	LOGIC CHASSIS (03)	000
0603410		28 16	LOGIC CHASSIS (03)	444
0603510		25 21	LOGIC CHASSIS (03)	000
0603610		25 22	LOGIC CHASSIS (03)	444
0603710	IIJ20041 X B2	27 21	LOGIC CHASSIS (03)	000
0603810	IIJ20044 X B2	27 22	LUGIC CHASSIS (03)	444
0603910		29 21	LOGIC CHASSIS (03)	000
0604010		29 22	LOGIC CHASSIS (03)	444
0604110		29 16	LOGIC CHASSIS (03)	000
0604210		29 17	LOGIC CHASSIS (03)	444
0604310		29 28	LOGIC CHASSIS (03)	000
0604410		29 29	LOGIC CHASSIS (03)	444
0604510	IIJ20058 X B2		LOGIC CHASSIS (03)	000
0604610 0604710		28 29 28 33	LOGIC CHASSIS (03) LOGIC CHASSIS (03)	444 000
0604810		28 34	LUGIC CHASSIS (03)	444
0604810	IIJ20060 X B2		LOGIC CHASSIS (03)	000
0605010		28 40	LUGIC CHASSIS (03)	444
0605110	IIJ20065 X B2		LOGIC CHASSIS (03)	000
0605210		29 37	LOGIC CHASSIS (03)	444
0605310	IIJ20066 X B2		LOGIC CHASSIS (03)	000
0605410		26 16	LOGIC CHASSIS (03)	444
		29 41	LOGIC CHASSIS (03)	000

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0605610	IIJ20072 X	B29	42	LOGIC CHASSIS (03)	444	
0700110	IIJ20101 X	B24	80	LOGIC CHASSIS (03)	000	
0700210	IIJ20104 X	B24	09	LOGIC CHASSIS (03)	444	
.0700310	IIJ20102 X	B24	13	LOGIC CHASSIS (03)	000	
0700410 .	IIJ20105 X	824	16	LOGIC CHASSIS (03)	444	
0700510	IIJ20103 X	B24	21	LOGIC CHASSIS (03)	000	
0700610	IIJ20107 X	B24	24	LOGIC CHASSIS (03)	444	
0700710	IIJ20108 X	B24	28	LOGIC CHASSIS (03)	000	
0700810	IIJ20112 X	B24	29	LOGIC CHASSIS (03)	444	
0700910	IIJ20110 X	B24	33	LOGIC CHASSIS (03)	000	
0701010	IIJ20113 X	B24	34	LOGIC CHASSIS (03)	444	
0701110	IIJ20111 X	B24	38	LOGIC CHASSIS (03)	000	
0701210	IIJ20114 X	B24	40	LOGIC CHASSIS (03)	444	
0701310	IIJ20115 X	B24	44	LOGIC CHASSIS (03)	000	
0701410	IIJ20118 X	B24	45	LOGIC CHASSIS (03)	444	
0701510	IIJ20116 X	B26	08	LOGIC CHASSIS (03)	000	
0701610	IIJ20120 X	B26	09	LOGIC CHASSIS (03)	444	
0701710	IIJ20117 X	B25	36	LOGIC CHASSIS (03)	- 000	
0701710	IIJ20121 X	B25	37	LOGIC CHASSIS (03)	444	
0701910	IIJ20121 X	B27	28	LOGIC CHASSIS (03)	000	
0701910	IIJ20125 X	B27	29	LOGIC CHASSIS (03)	444	
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0702310	IIJ20124 X	B27	36	LOGIC CHASSIS (03)	000	
0702410	IIJ20127 X	B27	37	LOGIC CHASSIS (03)	444	
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0702610	IIJ20131 X	825	42	LOGIC CHASSIS (03)	444	
0702710	IIJ20129 X	B27	41	LOGIC CHASSIS (03)	000	
= 0702810	IIJ20132 X	B27	42	LOGIC CHASSIS (03)	444	
0702910	IIJ20130 X	828	21	LOGIC CHASSIS (03)	000	
0703010	IIJ20133 X	828	24	LOGIC CHASSIS (03)	444	
0703110	IIJ20134 X	B28	08	LOGIC CHASSIS (03)	000	
0703210	IIJ20137 X	B28	09	LOGIC CHASSIS (03)	444	
0703310	IIJ20135 X	B28	13	LUGIC CHASSIS (03)	000	
0703410	IIJ20138 X	B28	16	LOGIC CHASSIS (03)	444	
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0703610	IIJ20143 X	B25	22	LOGIC CHASSIS (03)	444	
0703710	IIJ20141 X	B27	21	LOGIC CHASSIS (03)	000	
0703810	IIJ20144 X	B27	22	LOGIC CHASSIS (03)	444	
0703910	IIJ20142 X	B29	21	LOGIC CHASSIS (03)	000	
0704010	IIJ20145 X	329	22	LOGIC CHASSIS (03)	444	
0704110	11J20146 X	B29	16	LOGIC CHASSIS (03)	000	-
0704210	IIJ20149 X	B29	17	LOGIC CHASSIS (03)	444	
0704310	11J20147 X	B29	28	LOGIC CHASSIS (03)	000	
0704310	IIJ20147 X	B29	29	LOGIC CHASSIS (03)	444	
0704510	IIJ20158 X	B28	28	LOGIC CHASSIS (03)	000	
0704610	IIJ20162 X	B28	29	LOGIC CHASSIS (03)	444	
0704710	IIJ20159 X	B28	33	LOGIC CHASSIS (03)	000	
0704810	IIJ20163 X	328	34	LOGIC CHASSIS (03)	444	
0704910	11J20160 X	B28	38	LOGIC CHASSIS (03)	000	
9 0705010	IIJ20164 X	B28	40	LOGIC CHASSIS (03)	444	
8 0705110	11J20165 X	B29	36	LOGIC CHASSIS (03)	000	
7 0705210	IIJ20170 X	B29	37	LOGIC CHASSIS (03)	444	
6 0705310	11J20166 X	B26	13	LUGIC CHASSIS (03)	000	
5 0705410	IIJ20171 X	B26	16	LOGIC CHASSIS (03)	444	
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0705510			0167 X	B29	41	LUGIC CHASSIS (03)	000
0705610		IIJ2		B29	42	LOGIC CHASSIS (03)	444
0800110		IIJ20		B26	21	LOGIC CHASSIS (03)	000
0800210		IIJ2		B26	24	LOGIC CHASSIS (03)	444
0800310			02BB X	B26	28	LOGIC CHASSIS (03)	000
0800410			02DD X	B26	29	LOGIC CHASSIS (03)	444
0800510 0800610			02 E X 02 H X	B26 B26	33 34	LOGIC CHASSIS (03)	000 444
0800710			DZEE X	B26	38	LOGIC CHASSIS (03)	000
0800810			DZHH X	B26	40	LOGIC CHASSIS (03)	444
0800910			02 F X	B28	44	LOGIC CHASSIS (03)	000
0801010			02 J X	B28	45	LOGIC CHASSIS (03)	444
0801110			D2FF X	B26	44	LOGIC CHASSIS (03)	000
0801210		IIJ20		B26	45	LOGIC CHASSIS (03)	444
0900110	04	A03	45 0	A06	17	LOGIC CHASSIS (03)	. , .
0900210	06	A03	20 0	A11	33	LOGIC CHASSIS (03)	
0900310	06	A03	30 0	A12	45	LOGIC CHASSIS (03)	
0900410	07	A03	32 0	A12	14	LOGIC CHASSIS (03)	
0900510	06	A03	33 0	A12	44	LOGIC CHASSIS (03)	
0900610	06	A03	36 O	A12	42	LOGIC CHASSIS (03)	
0900710	07	A03	37 0	A13	38	LOGIC CHASSIS (03)	
0900810	07	A03	38 O	A13	37	LOGIC CHASSIS (03)	
0900910	07	A03	40 O	A13	36	LOGIC CHASSIS (03)	
0901010	07	A03	41 0	A13	33	LUGIC CHASSIS (03)	
0901110	07	A03	17 0	A12	33	LOGIC CHASSIS (03)	
0901210	04	A03	29 0	A07	16	LOGIC CHASSIS (03)	
0901310	04	A03	25 0	A08	10	LOGIC CHASSIS (03)	
0901510	05	A03	28 O	80A	08	LOGIC CHASSIS (03)	
0901610	07	A03	08 0	A13	10	LOGIC CHASSIS (03)	
0901710	07	A03	05 0	A13	44	LOGIC CHASSIS (03)	
0901810	08	A03	01 0	A13	45	LOGIC CHASSIS (03)	
1000110	04	B03	45 0	B06	17	LOGIC CHASSIS (03)	
1000210	06	B03	20 0	B11	33	LOGIC CHASSIS (03)	
1000310	06	B03	30 U 32 O	B12	45,	LOGIC CHASSIS (03) LOGIC CHASSIS (03)	
1000410	07 06	B03	33 0	B12	14		
1000510 1000610		B03	36 O	B12	42	LOGIC CHASSIS (03) LOGIC CHASSIS (03)	
1000810	06 07	B03	30 U 37 O	B13	38	LUGIC CHASSIS (03)	
1000710	07	B03	38 0	B13	37	LOGIC CHASSIS (03)	
1000910	07	B03	40 0	B13	36	LOGIC CHASSIS (03)	
1000910	07	B03	41 O	B13	33	LOGIC CHASSIS (03)	21143
1001110	07		17 0	B12	33	LOGIC CHASSIS (03)	-11TY
1001210	04	B03	29 0	B07	16	LOGIC CHASSIS (03)	
1001310	04	B03	25 0	B08	10	LOGIC CHASSIS (03)	
1001510	05	B03	28 0	B08	08	LUGIC CHASSIS (03)	
1001610	07	B03	08 0	B13	10	LOGIC CHASSIS (03)	
1001710	07	B03	05 O	B13	44	LOGIC CHASSIS (03)	•
1001810	08	B03	01 0	B13	45	LOGIC CHASSIS (03)	
1100010	02	A01	06 R	A02	06	LOGIC CHASSIS (03)	20 666
1100011	02	A02	06 R	A03	06	LUGIC CHASSIS (03)	20 666
1100012	02	A03	06 R	A04	06	LOGIC CHASSIS (03)	20 666
1100013	02	A04	06 R	A05	06	LOGIC CHASSIS (03)	20 666
1100020	02	A06	06 R	A07	06	LOGIC CHASSIS (03)	20 666
1100021	02	A07	06 R	80A	06	LOGIC CHASSIS (03)	20 666
1100022	02	80A	06 R	A09	06	LOGIC CHASSIS (03)	20 666
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W70951400	MDD	SING	LE CHAN	NEL			PAGE	16
100023	02	A09	06 R	A10	06	LOGIC CHASSIS (03)	20 666	
100030	02	A12	06 R	A13	06	LOGIC CHASSIS (03)	20 666	
100031	02	A13	06 R	A14	06	LOGIC CHASSIS (03)	20 666	
100032	02	A14	06 R	A15	06	LOGIC CHASSIS (03)	20 666	
100033	02	A15	06 R	A16	06	LOGIC CHASSIS (03)	20 666	
100034	02	A16	06 R	A17	06	LOGIC CHASSIS (03)	20 666	
100035	02	<u> </u>	06 R	A12	06	LOGIC CHASSIS (03)	20 222	21253
100040	02	A18	06 R	A19	06	LOGIC CHASSIS (03)	20 666	
100041	02	A19	06_R	A20	06	LOGIC CHASSIS (03)	20 666	
100042	02	A20	06 R	A21	06	LOGIC CHASSIS (03)	20 666	
100043	02	A21	06 R	A22	06	LOGIC CHASSIS (03)	20 666	····
100044	02	A22	06 R	A23	06	LOGIC CHASSIS (03)	20 666	
100051	02	A25	06 R	A26	06	LOGIC CHASSIS (03)	20 666	
100050	02	A24	06 R	A25	06	LUGIC CHASSIS (03)	20 666	
100061	02	A28	06 R	A29	06	LOGIC CHASSIS (03)	20 666	
100060	02	A27	06 R	A28	06	LOGIC CHASSIS (03)	20 666	
100110	02	A01	46 R	A02	46	LOGIC CHASSIS (03)	20 222	
100111	02	A02	46 R	A03	46	LUGIC CHASSIS (03)	20 222	
100112	02	A03	46 R	A04	46	LOGIC CHASSIS (03)	20 222	
100113	02	A04	46 R	A05	46	LOGIC CHASSIS (03)	20 222	
100120	02	A06	46 K	A07	46	LOGIC CHASSIS (03)	20 222	
100121	02	A07	46 R	80A	46	LOGIC CHASSIS (03)	20 222	
100122	02	80A	46 R	A09	46	LOGIC CHASSIS (03)	20 222	
100123	02	Δ()9	46 R	Alo	46_	LOGIC CHASSIS (03)	20 222	
100130	02	A12	46 R	A13	46	LOGIC CHASSIS (03)	20 222	
100132	02	A14	46 R	A15	46	LOGIC CHASSIS (03)	20 222 20 222	
100131	02	A13 A15	46 R 46 R	A14 A16	46 46	LOGIC CHASSIS (03) LOGIC CHASSIS (03)	20 222 20 222	
.100133 .100134	$-\frac{02}{02}$	A16	46 R	A17	46	LUGIC CHASSIS (03)	20 222	
1100134 1100135	02	A11	46 R	A12	46	LOGIC CHASSIS (03)	20 222	21253
100140	02	A18	46 R	A19	46	LOGIC CHASSIS (03)	20 222	
100141	02	A19	46 R	A20	46	LOGIC CHASSIS (03)	20 222	
100143	02	A21	46 R	A22	46	LOGIC CHASSIS (03)	20 222	
100142	02	A20	46 R	A21	46	LOGIC CHASSIS (03)	20 222	
100144	02	A22	46 R	A23	46	LOGIC CHASSIS (03)	20 222	
100150	02	A24	46 R	A25	46	LOGIC CHASSIS (03)	20 222	
100151	02	A25	46 R	A26	46	LOGIC CHASSIS (03)	20 222	
100160	02	A27	46 R	A28	46	LOGIC CHASSIS (03)	20 222	
100161	02	A28	46 R	A29	46	LOGIC CHASSIS (03)	20 222	
100210	02	A01	48 R	A02	48	LOGIC CHASSIS (03)	20 222	<u> </u>
100211	02	A02	48 R	A03	48	LOGIC CHASSIS (03)	20 222	
100212	02	A03	48 R	A04	48	LOGIC CHASSIS (03)	20 222	
100213	02	A04	48 R	A05	48	LOGIC CHASSIS (03)	20 222	
100220	02	A06	48 R	A07	48	LOGIC CHASSIS (03)	20 222	
100221	02	A07	48 R	80A	48	LOGIC CHASSIS (03)	20 222	
100222	02	80A	48 R	A09	48	LOGIC CHASSIS (03)	20 222	
100223	02	A09	48 R	A10	48	LOGIC CHASSIS (03)	20 222	
100230	02	A12	48 R	A13	48	LOGIC CHASSIS (03)	20 222	
100231	02	A13	48 R	Al4	48	LOGIC CHASSIS (03)	20 222	
100232	02	A14	48 R	A15	48	LOGIC CHASSIS (03)	20 222	
100233	02	A15	48 R	A16	48	LOGIC CHASSIS (03)	20 222	
100234	02	A16	48 R	A17	48	LOGIC CHASSIS (03)	20 222	
	02	A11	48 R	A12	48	LOGIC CHASSIS (03)	20 222	11118A
100235								
	02	A21	48 R	A22	48	LOGIC CHASSIS (03) LOGIC CHASSIS (03)	20 222 20 222	

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LW70951400	MDD	SING	LE CHAN	NEL			PAGE	17
1100241	02	A19	48 R	A20	48	LOGIC CHASSIS (03)	20 222	
1100242	02	A20	48 R	A21	48	LOGIC CHASSIS (03)	20 222	
1100244	02	A22	48 R	A23	48	LOGIC CHASSIS (03)	20 222	
1100310	02	B01	06 R	B02	06	LOGIC CHASSIS (03)	20 666	
1100311	02	B02	06 R	B03	06	LOGIC CHASSIS (03)	20 666	
1100312	02	B03	06 R	B04	06	LOGIC CHASSIS (03)	20 666	
1100313	02	B04	06 R	B05	06	LOGIC CHASSIS (03)	20 666	
1100320	02	B06	06 R	B07	06	LOGIC CHASSIS (03)	20 666	
1100321	02	B07	06 R	B08	06	LOGIC CHASSIS (03)	20 666	
1100322	02	B08	06 R	B09	06	LOGIC CHASSIS (03)	20 666	
1100323 1100332	02 02	B09 B14	06 R 06 R	B10 B15	06 06	LOGIC CHASSIS (03) LOGIC CHASSIS (03)	20 666 20 666	
1100330	02	B12	06 R	B13	06	LOGIC CHASSIS (03)	20 666	
1100331	02	B13	06 R	B14	06	LOGIC CHASSIS (03)	20 666	
1100333	02	B15	06 R	B16	06	LOGIC CHASSIS (03)	20 666	
1100334	02	B16	06 R	B17	06	LOGIC CHASSIS (03)	20 666	
1100335	02	B11	06 R	B12	06	LOGIC CHASSIS (03)	20 222	21 253
1100340	02	B18	06 R	B19	06	LOGIC CHASSIS (03)	20 666	
1100341	02	B19	06 R	B20	06	LOGIC CHASSIS (03)	20 666	
1100342	02	B20	06 R	B21	06	LOGIC CHASSIS (03)	20 666	
1100343	02	821	06 R	822	06	LOGIC CHASSIS (03)	20 666	
1100344	02	B22	06 R	B23	06	LOGIC CHASSIS (03)	20 666	
1100350	02	B24	06 R	825	06	LOGIC CHASSIS (03)	20 666	
1100351	02	B25	06 R	B26	06	LOGIC CHASSIS (03)	20 666	
1100360	02	B27	06 R	B28	06	LOGIC CHASSIS (03)	20 666	
1100361	02	B28	06 R	B29	06	LOGIC CHASSIS (03)	20 666	
1100410	02	B01	46 R	B02	46	LOGIC CHASSIS (03)	20 222	
1100411	02	В02	46 R	B03	46	LOGIC CHASSIS (03)	20 222	
1100412	02	B03	46 R	B04	46	LOGIC CHASSIS (03)	20 222	
1100413	02	B04	46 R	B05	46	LOGIC CHASSIS (03)	20 222	
1100420	02	B06	46 R	B07	46	LOGIC CHASSIS (03)	20 222	
1100421	02	B07	46 R	808	46	LOGIC CHASSIS (03)	20 222	
1100422 1100423	02	B08 B09	46 R	809	46	LOGIC CHASSIS (03)	20 222 20 222	
1100423	02 02	B12	46 R 46 R	B10 B13	46 46	LOGIC CHASSIS (03) LOGIC CHASSIS (03)	20 222 20 222	
1100431	02	B13	46 R	B14	46	LOGIC CHASSIS (03)	20 222	
1100432	02	B14	46 R	B15	46	LOGIC CHASSIS (03)	20 222	
1100433	02	B15	46 R	B16	46	LOGIC CHASSIS (03)	20 222	
1100434	02	B16	46 R	B17	46	LOGIC CHASSIS (03)	20 222	
1100435	02	B11	46 R	B17	46	LOGIC CHASSIS (03)	20 222	121253
1100440	02	B18	46 R	B19	46	LOGIC CHASSIS (03)	20 222	
1100441	02	B19	46 R	B20	46	LOGIC CHASSIS (03)	20 222	
1100442	02	B20	46 R	B21_	46	LOGIC CHASSIS (03)	20 222	
1100443	02	B21	46 R	B22	46	LOGIC CHASSIS (03)	20 222	
1100444	02	B22	46 R	B23	46	LOGIC CHASSIS (03)	20 222	
1100451	02	B25	46 R	B26	46	LOGIC CHASSIS (03)	20 222	
1100450	02	B24	46 R	B25	46	LOGIC CHASSIS (03)	20 222	
1100460	02	B27	46 R	B28	46	LOGIC CHASSIS (03)	20 222	
1100461	02	B28	46 R	B29	46	LOGIC CHASSIS (03)	20 222	······
1100510	02	B01	48 R	B02	48	LOGIC CHASSIS (03)	20 222	
1100511	02	B02	48 R	B03	48	LOGIC CHASSIS (03)	20 222	
1100512	02	B03	48 R	B04	48	LOGIC CHASSIS (03)	20 222	
1100513	02	B04	48 R	B05	48	LOGIC CHASSIS (03)	20 222	
1100520	02	B06	48 R	B07	48	LOGIC CHASSIS (03) LOGIC CHASSIS (03)	20 222	
1100521	02	B07	48 R	B08	48		20 222	

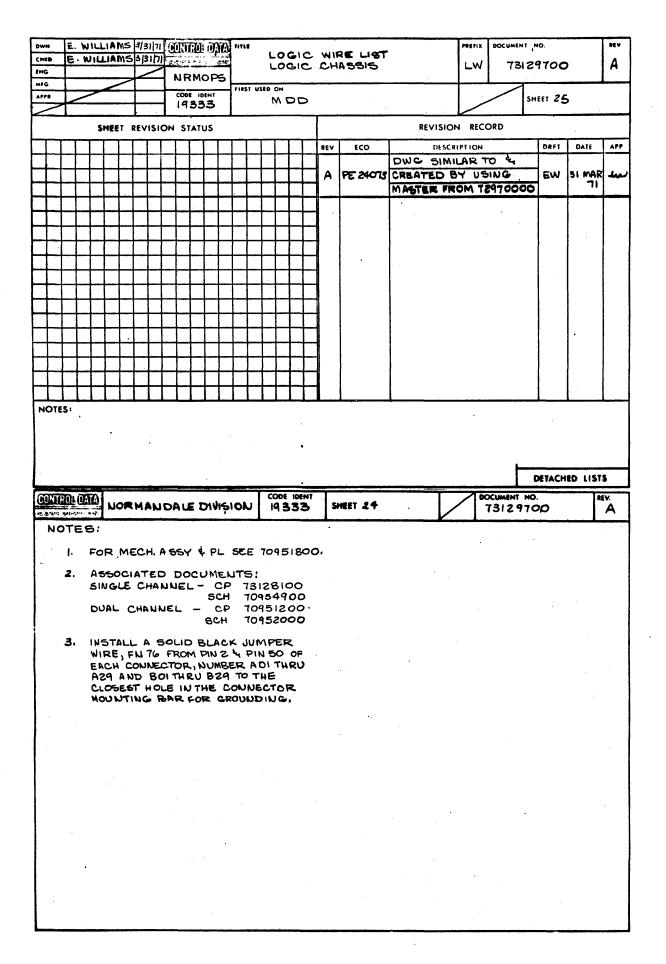
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1100522	02 B0	8 48 R	B09	48	LOGIC	CHASSIS	(03)	20 222	
1100523	02 B0		810	48		CHASSIS	(03)	20 222	
1100530	02 B1		813	48			(03)	20 222	
1100531 1100532	02 B1 02 B1		B14 B15	48 48		CHASSIS CHASSIS	(03) (03)	20 222 20 222	
1100532	02 B1		B16	48		CHASSIS	(03)	20 222	
1100534	02 B1		B17	48			(03)	20 222	
1100535	02 B1	1 48 R	B12	48		CHASSIS	(03)	20 222	11118
1100540	02 B1		B19	48			(03)	20 222	
1100541	02 B1		B20	48		CHASSIS	(03)	20 222	
1100542 1100543	02 B2 02 B2		B21 B22	48 48		CHASSIS CHASSIS	(03)	20 222 20 222	
1100544	02 B2		B23	48		CHASSIS		20 222	
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ID NO LENGT	TH ORIGI	N S	DESTIN	ATION	TITLE		SIZE/COLOR	EC0
AI23420	02 A2U	01 0	A19	10	LOGIC	CHASSIS		
A123430	02 A20	09 0	A19	05		CHASSIS		
A123440	02 A20	12 0	A19	17	LOGIC	CHASSIS		
AI23510	10 A20	10 0	B27	24		CHASSIS		
A123610	10 A20	22 0	B29	32		CHASSIS		
A123710	02 A20	21 0	A19	30		CHASSIS		
A123810	10 A20	13 0	B29	24		CHASSIS		
AI23910	04 A20	17 0	A19	37		CHASSIS		
A123920	04 A20	20 0	A19	38		CHASSIS		
A123930	04 A20	14 0	A19	36		CHASSIS		
A123940	04 A20	16 0	A19	41		CHASSIS		
A124010	09 - A20	18 0	B29	18		CHASSIS CHASSIS	•	
A124110	02 A20	29 0	A19	21				
A124310	03 A20 04 A20	37 0 45 0	A19 A19	26 13		CHASSIS CHASSIS		
A124410	04 A20 03 A19	24 0	A17	28		CHASSIS		•
AI24910 AI25010	04 A20	41 0	A17	30		CHASSIS		
	03 A06	01 0	A08	05		CHASSIS		
AI30010 AI30210	04 A06	40 0	A06	50		CHASSIS		
AI30410	n6 A06	17 0	A11	44		CHASSIS		
A130420	08 A06	12 0	A18	20		CHASSIS		•
	06 A18	36 0	All	22		CHASSIS		
AI34710	02 A18	16 0	A18	02		CHASSIS		
A134910	n8 A18	41 0	A06	29		CHASSIS		
AT34911	08 A18	41 0	A06	45		CHASSIS		
A140010	11 A12	05 0	825	32	LOGIC	CHASSIS		
A140020	n8 A12	080	A25	32	LOGIC.	CHASSIS		
A140710	n5 A12	36 0	A08	09	LOGIC	CHASSIS		
A140720	03 A12	37 0	A14	29	LOGIC	CHASSIS		
A140730	04 A12	32 0	A07	38		CHASSIS		
A140910	03 A13	21 0	A12	10		CHASSIS		
AI40911	04 A12	10 0	80A	20		CHASSIS		
AI41010	05 A12	09 0	80A	21		CHASSIS		
AI41011	03 A12	09 0	A13	24		CHASSIS		
AI41210	04 A11	08 0	A12	40		CHASSIS		
A141211	04 A12	40 0	A13	13		CHASSIS		
A141220	05 All	05 Q	A12	41		CHASSIS		
A141221	04 A12	41 0	A13	17		CHASSIS		
AI41310	04 All	01 0	A12	34		CHASSIS		
A141510	04 A11	12 0	A12	38		CHASSIS		
A141511	04 A12	38 0	A13	09	LOGIC	CHASSIS		

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ID	NO	LENGTH	ORIGI	N	S	DESTI	NOITAN	TITLE		SIZE/COLOR	EC0
AI4	1710	0 4	A13	45	0	A11	17	LOGIC	CHASSIS		
	1810		A13		0	A11	29		CHASSIS		
	2210		A12	20	0	A13	08	LOGIC	CHASSIS		
	2220		A12	21		A13	01		CHASSIS		
	2230		AlZ	22		A13	18		CHASSIS		
AI4	2710	0.4	A13		0	Ail	13	LOGIC	CHASSIS	•	
	0910		80A		0	A12	17	LOGIC	CHASSIS		
AI5	0920	04	8.0 A	18	0	A12	12		CHASSIS		
AI5	0930	0 4	A13	12	0	A08	17		CHASSIS		
AI5	1310	05	A11		0	A07	09	LOGIC	CHASSIS		
AI5	1410	0.4	A11	21		A07	25		CHASSIS		
AI5	2010	06	A07		0	A14	38	LOGIC	CHASSIS		
AI5	2020	07	A07		0	A17	14		CHASSIS		
AI5	2030	02	A07		0	A n B	09		CHASSIS		
AI5	2110	04	A11		0	80A	13		CHASSIS		
	2210		A07		0	A11	32		CHASSIS		
	2220		An7	32		80A	25		CHASSIS		
AI5	2230		A07		0	An8	16		CHASSIS		
	2310		BOA	29		A17	12		CHASSIS		
	2320		60A		0	A27	<b>3</b> 8		CHASSIS		
	2330		A08	30		B27	38		CHASSIS		
AI5	2340		80A		0	A17	13		CHASSIS		
	0010		80A		0	A27	32		CHASSIS		
	0050		A08		0	B27	32		CHASSIS		
	0210		A15		0	A08	33		CHASSIS		
	0610		A15		0	80A	40		CHASSIS		
	1510		A17		0	A11	36		CHASSIS		
	5510		A14	05		A11	44		CHASSIS		
	2310		A14	13		A15	05		CHASSIS		
	2410		A14		0	A15	10		CHASSIS		
	2510		A14	12		A15	18		CHASSIS		
	0010		A16		0	AZI	18		CHASSIS CHASSIS		
	0210		A16		0	A21	17		CHASSIS		
	0419		A16			A21	22				
	0610		A16		0	A21	21		CHASSIS CHASSIS		
	0810		A16	37		A21	41 42		CHASSIS		
	1010		A16	29 18		A21	44		CHASSIS		
	1210		A16	08		A21 A21	44 45		CHASSIS		
	1410		A16		Ö	W51	44		CHASSIS	i	
	0210	03.		22 28		A29	38		CHASSIS		
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AH	(20	510	) n9	A20	40	0	B29	38	LOGIC	CHASSIS		
		110		A06	38		A06	21		CHASSIS		
		010		A13	32		A14	13		CHASSIS		
		210		A13	20	0	A14	12		CHASSIS		
		410		A13	12	0	A15	08		CHASSIS		
AF	(40	610		A13	05	0	A15	41	LOGIC	CHASSIS		
		620		A13	30	0	AlS	13	LOGIC	CHASSIS		
AH	<40	710	03	A13	40	0	AlZ	26		CHASSIS		
AH	40	81(	03	A12	25	0	A14	16	LOGIC	CHASSIS		
A	(4)	010	0.4	AlZ	17	0	A16	29		CHASSIS		
A	<b>4</b> 1	210	0 4	A12	12	0	A14	28	LOGIC	CHASSIS	•	
A	<b>(4</b> )	41	0 4	AlZ	01	0	A16	08		CHASSIS		
A	(50	010	) n3	,A14	58	0	A16	18		CHASSIS		
A	(5)	020	) n5	A14	25	0	A08	14		CHASSIS		
Αì	<b>(5</b> (	030	0 06	A14	14	0	A08	12		CHASSIS		
A	<5(	121	0.4		10	0	A11	16		CHASSIS		
		21		A11	16	0	A13	34		CHASSIS		
		1212		A13	34	0	A11	42		CHASSIS		
		310		A07	12	0	A06	05		CHASSIS		
A	<50	31	1 6	A06	05	0	A13	28		CHASSIS		
A	(50	61(	0.4	A07	26	0	A11	14		CHASSIS		
		62(		A07	33	0	An8	13		CHASSIS	•	
		710		A07	36	0	A11	09		CHASSIS		
A	(50	810	) n5	A07	42	0	All	13		CHASSIS		
A	(50	910	) n5	A07	40	0	A11			CHASSIS		
AH	(51	110		A11	32	0	A12	37		CHASSIS		
		120		A11	37	0	A11	50		CHASSIS		
AH	(60	010	0.4	A15	05	0	A16	33	LOGIC	CHASSIS		
AF	(60	210	0.2	A15	18	0	A16	25		CHASSIS		
		41(		A15	08	0	A16	22		CHASSIS		
AF	<b>(6</b> 0	61(	04	A15	41	0	A16	12		CHASSIS		•
		18		A15	10	0	A16	37		CHASSIS		
		010		A17	36	0	A14	21		CHASSIS		
		210		A17	37	0	A11	33		CHASSIS		
		41		A17	17	0	A14	24		CHASSIS		
		181		A17	24	0	A14	10		CHASSIS		
		2010		A17	01	0	A14	17		CHASSIS		
		010		A24	01	0	A16	34		CHASSIS		
		020		A24	05	0	B16	34		CHASSIS		
A٦	700	110	) 06	A24	12	0	A16	26		CHASSIS		
AT	700	120	y ĩo	A24	14	0	B16	26	LOGIC	CHASSIS		

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ID NO	LENGT-	ORIGIN	S	DESTI	NATION	TITLE		SIZE/COLOR	ECO
AT0021	o 6	A24 1	7 0	A16	20	LOGIC	CHASSIS		
ATOOZZ			B O	816	20		CHASSIS		
AT0031	•		25 0	A16	09		CHASSIS		
ATONSE	_		26 0	816	09		CHASSIS		
AT00410	0.6		30 0	A16	38		CHASSIS		
AT0042	09	A24 3	95 0	B16	38	LOGIC	CHASSIS		
AT0051	06		36 0	A16	<b>3</b> 0	LOGIC	CHASSIS		
AT0052	09	A24 3	37 0	816	30	LOGIC	CHASSIS		
AT00610	0.7	A24 4	1 0	A16	16	LOGIC	CHASSIS		
AT00620			5 0	816	16		CHASSIS		
AT0071	0 07		1 0	A16	05		CHASSIS		
AT 1972	•		5 0	816	05		CHASSIS		
AT0081			. S 0	<b>A20</b>	28		CHASSIS		
ATOOBI			. S O	ΑŽΙ	26		CHASSIS		
ATONBA		-	4 0	820	<b>S</b> 8		CHASSIS		
ATOORE	· ,		4 0	A21	28		CHASSIS		
AT0121			1 0	A18	12		CHASSIS		
SSICTA			5 0	B18	12		CHASSIS		
AT01310			0 5.	A18	10		CHASSIS		
AT01320	-		7 0	818 A28	10 02		CHASSIS		
AT01410			7 0	858	18		CHASSIS		
AT01420 AT01610			25 0	A28	09		CHASSIS		
AT01620			26 0	B18	09		CHASSIS		
AT0171			0 0	A19	16		CHASSIS		
AT0171			6 0	A18	14		CHASSIS		
AT0172			ŠÕ	B19	16		CHASSIS		
AT0172			6 0	B18	14		CHASSIS		
AT01810			6 0	A18	01		CHASSIS		
AT01820			37 0	B18	01		CHASSIS		
AT01910		A26 1	7 0	A18	0.8	LOGIC	CHASSIS		
AT01920		A26 1	8 0	A26	26	LOGIC	CHASSIS		
AT02010	08	A26 2	25 0	B18	08	LOGIC	CHASSIS		
ATOSOS	0.2	A26 2	26 0	A26	32		CHASSIS		
ATOSII	0 6	A26 3	0 0	A18	44		CHASSIS		
AT0211		•	4 0	0 S A	38		CHASSIS		
ATOZIZO			5 0	A26	37		CHASSIS		
AT02210			6 0	B18	44		CHASSIS		
AT0221			4 0	B20	38		CHASSIS		
AT0222			7 0	A26	42		CHASSIS		
AT02310	05	A28 4	1 0	<b>A22</b>	33	LOGIC	CHASSIS		

ID N	10	LENGTH	ORIGI	N	S	DESTIN	NATION	TITLE		SIZE/COLOR	EC0
ATOZ	320	0.2	428	42	0	85A	50	LOGIC	CHASSIS		
ATOZ			A26	41	0	B22	33	LOGIC	CHASSIS		
ATOZ	420	0.2	A26	42	0	A26	50	LOGIC	CHASSIS		
AY40	410		A13		Ó	A07	08		CHASSIS		
AY51	510	0.3	80A		0	All	20		CHASSIS		
AY51			All	20		A18	37		CHASSIS		
AY60	110		A17	10		A14	09		CHASSIS		
AY60			A08	37		A11	40		CHASSIS		
AY60			A11	40		A14	33		CHASSIS		
BILO			821	13		A25	10		CHASSIS		
BIIO			B21	12		B25	10		CHASSIS		
BILO			821	16		A25	14		CHASSIS		
BILO			B21	08		B25	14		CHASSIS		
BILO			B21	10		A25	20		CHASSIS		
BILO			B21	05		B25	20		CHASSIS		
BILO			B21	14		A27	10		CHASSIS		
BILO			B21	09		B27	10		CHASSIS		
BILO			B21	33		A27	14		CHASSIS CHASSIS		
BT10			B21	32		B27	14				
BILO			B21	30 40		A27 B27	20		CHASSIS CHASSIS		
BILO			B21	29		A29	10		CHASSIS		
BILO			821	38		B29	10		CHASSIS		
BILO			B21	36		A29	14		CHASSIS		
BI10 BI10			B21	37		B29	14		CHASSIS		
BILO			821	01		B50	25		CHASSIS		
BIIO			B21	34		B19	29		CHASSIS		
BILL			B16	44		B25	40		CHASSIS		
BIII			B16	45		A25	40		CHASSIS		
Bilz			B16	41		B12	28		CHASSIS		
B112			B16		0	A25	45		CHASSIS		
BIIS			B16	42		B25	45		CHASSIS		
BIZO			817	21		BIZ	36		CHASSIS		
BIZO			B17	25		A29	45		CHASSIS		
B120		-	B17	29		B29	45	LOGIC	CHASSIS		
BIZO			817	40	0	B17	21	LOGIC	CHASSIS		
BIZI			818	22		B20	25		CHASSIS		
B121			818	05		B19	29		CHASSIS		
B121	810	07	B19	80		A25	25		CHASSIS		
B122	110		B19	12		A27	25		CHASSIS		
BIZZ	310	08	<b>B</b> 19	14	0	A29	33	LOGIC	CHASSIS		

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ID NO LENGTH	ORIGIN S	DESTINATION	TITLE	SIZE/COLOR	EC0
AT00210 06	A24 17 0	A16 20	LOGIC CHASSIS		
AT00220 09	A24 18 0	816 20	LOGIC CHASSIS		
AT00310 06	A24 25 0	A16 09	LOGIC CHASSIS		
80 0SE00TA	A24 26 0	B16 09	LOGIC CHASSIS		
AT00410 06	A24 30 0	A16 38	LOGIC CHASSIS		
AT00420 09	A24 32 0	B16 38	LOGIC CHASSIS		
AT00510 06	A24 36 0	A16 30	LOGIC CHASSIS		
AT00520 09	A24 37 0	816 30	LOGIC CHASSIS		
AT00610 07	A24 41 0	A16 16	LOGIC CHASSIS		
AT00620 08	A24 42 0	B16 16	LOGIC CHASSIS		
AT00710 07	A26 01 0	A16 05	LOGIC CHASSIS		
ATJ0720 10	A26 05 0	816 05	LOGIC CHASSIS		
AT00810 05	A26 12 0	A20 28	LOGIC CHASSIS		
AT00811 04	A26 12 0 A26 14 0	A21 26 B20 28	LOGIC CHASSIS		
AT00820 10	A26 14 0 A26 14 0	B20 28 A21 28	LOGIC CHASSIS		
AT00821 04 AT01210 07	A28 01 0	A18 12	LOGIC CHASSIS		
70 07 1210 TA	A28 05 0	818 12	LOGIC CHASSIS		
AT01220 10	A26 12 0	A18 10	LOGIC CHASSIS		
AT01320 09	A28 14 0	B18 10	LOGIC CHASSIS		
AT01410 03	A26 17 0	A28 02	LOGIC CHASSIS		
AT01420 02	A26 17 0	A28 18	LOGIC CHASSIS		
AT01610 07	A25 25 0	A18 09	LOGIC CHASSIS		
AT01620 09	A28 26 0	818 09	LOGIC CHASSIS		
AT01710 07	0 0E 8SA	A19 16	LOGIC CHASSIS		
AT01711 02	A19 16 0	A18 14	LOGIC CHASSIS		
AT01720 08	A26 32 0	B19 16	LOGIC CHASSIS		
AT01721 02	B19 16 0	B18 14	LOGIC CHASSIS		
AT01810 07	A28 36 0	A18 01	LOGIC CHASSIS		
AT01820 08	A28 37 0	B18 01	LOGIC CHASSIS		
AT01910 06	A26 17 0	A18 08	LOGIC CHASSIS		
AT01920 02	A26 18 0	A26 26	LOGIC CHASSIS		
AT02010 08	A26 25 0	B18 08	LOGIC CHASSIS		
S0 08080TA	A26 26 0	A26 32	LOGIC CHASSIS		
AT02110 06	A26 30 0	A18 44	LOGIC CHASSIS		
AT02111 03	A18 44 0	A20 38	LOGIC CHASSIS		
AT02120 02	A26 32 0	A26 37	LOGIC CHASSIS		
09 070221A	A26 36 0 B18 44 0	B18 44 B20 38	LOGIC CHASSIS		
E0 11520TA	B18 44 0 A26 37 0	B20 38 A26 42	LOGIC CHASSIS		
AT02220 02 AT02310 05	A28 41 0	A22 33	LOGIC CHASSIS		
2105210 02	71 0	7EL 33	MODIO CHASSIS		

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ID NO LENGTH	ORIGIN	s	DESTINATION	TITLE	SIZE/COLOR	EC0
AT02320 n	2 A28 42	0	A28 50	LOGIC CHASSIS		
AT02410 0	8 A26 41	0	B22 33	LOGIC CHASSIS		
AT02420 0	2 A26 42	0	A26 50	LOGIC CHASSIS		
AY40410 0	5 A13 10	Ó	A07 08	LOGIC CHASSIS		
AY51510 0			A11 20	LOGIC CHASSIS		
AY51511 0	6 All 20	0	A18 37	LOGIC CHASSIS		
AY60110 0			A14 09	LOGIC CHASSIS		
AY60410 0			A11 40	LOGIC CHASSIS		
AY60411 0			A14 33	LOGIC CHASSIS		
BI10010 0			A25 10	LOGIC CHASSIS		
BI10020 0			B25 10	LOGIC CHASSIS		
BI10110 0			A25 14	LOGIC CHASSIS		
BI10120 0			B25 14	LOGIC CHASSIS		
BI10210 0			A25 20	LOGIC CHASSIS		
BI10220 0			B25 20	LOGIC CHASSIS		
BI10310 0			A27 10	LOGIC CHASSIS		
BI10320 0			B27 10	LOGIC CHASSIS		
BI10410 1			A27 14	LOGIC CHASSIS		
BT10420 n			B27 14	LOGIC CHASSIS		
BI10510 0			A27 20	LOGIC CHASSIS		
BI10520 0			B27 20	LOGIC CHASSIS		
BI10610 1			A29 10	LOGIC CHASSIS		
BI10620 0			B29 10	LOGIC CHASSIS		
BI10710 1			A29 14	LOGIC CHASSIS		
BI10720 0			B29 14	LOGIC CHASSIS		
BI10810 0			B20 25	LOGIC CHASSIS		
B110910 0			B19 29	LOGIC CHASSIS		
BI11810 0'	_		B25 40	LOGIC CHASSIS		
BI11820 1			A25 40	LOGIC CHASSIS		
BI12010 0			B12 28 A25 45	LOGIC CHASSIS		
BI12110 0			B25 45	LOGIC CHASSIS		
B112210 0			B12 36	LOGIC CHASSIS		
BI20010 0			A29 45	LOGIC CHASSIS		
BI20020 0	-		B29 45	LOGIC CHASSIS		
BI20110 08 BI20120 08	_		B17 21	LOGIC CHASSIS		
			B20 25	LOGIC CHASSIS		
			B19 29	LOGIC CHASSIS		
	·		A25 25	LOGIC CHASSIS		
BI21810 0			A27 25	LOGIC CHASSIS		
B122310 0			A29 33	LOGIC CHASSIS		
0155310 0	0 01, 14	•	ne7 33	modes Cundare		

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In NO	LENGTH	ORIGIN	S	DESTINATION TITLE

ID NO	LENGTH	OR	IGIN	S	DESTI	NATION	TITLE		SIZE/COLOR	EC0
B12241					B20	32		CHASSIS		
B12241					A21	25		CHASSIS		
B12251					A29	25		CHASSIS		
B15581					A29	20		CHASSIS		
B12301					B18	21		CHASSIS		
B12321					B20	26		CHASSIS		
B12331	0 0				B25	25		CHASSIS		
812341					B19	09		CHASSIS		
B12342					B19	10		CHASSIS		
B12343	30 n	2 B2			B19	05		CHASSIS		
B12344		2 82			B19	17		CHASSIS		
B12351	0. 0	6 82			B27	25		CHASSIS		
B12361					B29	33		CHASSIS		
B12371					B19	30		CHASSIS		
B12381					B29	25		CHASSIS		
BI2391	lo c				B19	37		CHASSIS		
B12398					B19	38		CHASSIS		
B12393	30 0				B19	36		CHASSIS		
BI2394	0 0	4 82	0 16		B19	41		CHASSIS		
B12401					B29	20		CHASSIS		
B12411					819	21		CHASSIS		
B12431					B19	26		CHASSIS		
B12441					B19	13		CHASSIS		
B12491					817	28		CHASSIS		
B12501		3 82		0	B17	30		CHASSIS		
BI3001	10 0	3 B0	6 01	0	B08	05		CHASSIS		
B13021		4 Bo			B06	50		CHASSIS		
BI3041	0 0	6 B0			B11	44		CHASSIS		
BI3042					B18	20		CHASSIS		
BI3461	10 0				B11	55		CHASSIS		
B13471					818	02		CHASSIS		
BI3491					B06	29		CHASSIS		
BI3491				0	B06	45		CHASSIS		
B14001					825	33		CHASSIS		
B14002					A25	33		CHASSIS		
BI4071					B08	09		CHASSIS		
B14072					B14	29		CHASSIS		
B14073					B07	38		CHASSIS		
B14091					B12	10		CHASSIS		
B[409]					B08	20		CHASSIS		
BI4101	0 0	5 B1	2 09	0	B08	21	LOGIC	CHASSIS		

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ID NO	LENGTH	ORIGIN	s	DESTINA	TION	TITLE		SIZE/COLOR	ECO.
BT4101	1 n3	812 0	9 0	B13 2	4	LOGIC	CHASSIS		
B14121		B11 0		B12 4			CHASSIS		
B14121			0 0	B13 1			CHASSIS		
B14122			5 0	B12 4			CHASSIS		
B14122		812 4		B13 1			CHASSIS		
B14131		811 0		812 3			CHASSIS		
BI4151			2 0	812 3			CHASSIS		
BI4151	1 04	B12 3		B13 0	9	LOGIC	CHASSIS		
BI4171		B13 4	5 0	B11 1	7	LOGIC	CHASSIS		
B14181			1 0	B11 2		LOGIC	CHASSIS		
B14221		812 2		B13 0		LOGIC	CHASSIS		
B14222		812 2		B13 0	1	LOGIC	CHASSIS		
B14223			2 0	B13 1		LOGIC	CHASSIS		
B14271			2 0	811 1	3	LOGIC	CHASSIS		
B15091			6 0	B12 1		LOGIC	CHASSIS		
B15092			8 0	B12 1		LOGIC	CHASSIS		
B15093		B13 1	S 0	808 1	7	LOGIC	CHASSIS		
B15131			1 0	B07 0	9	LOGIC	CHASSIS .		
B15141		A11 2		A07 2	5	LOGIC	CHASSIS		
B15201		807 2	0 0	B14 3	8	LOGIC	CHASSIS		
B15202		B07 1	4 0	B17 1	4	LOGIC	CHASSIS		
B15203		807 2	1 0	B08 0	9	LOGIC	CHASSIS		
B15211		B11 3		Bn8 1		LOGIC	CHASSIS		
815221			4 0	811 3		LOGIC	CHASSIS		
815222	0 03	B07 3	2 0	B08 2	5	LOGIC	CHASSIS		
815223	in n3	B07 3	0 0	B08 1	6	LOGIC	CHASSIS		
B15231	0 06	B08 2	90	B17 1	2	LOGIC	CHASSIS		
B15232	0 12	B08 2	8 0	A27 4	0	LOGIC	CHASSIS		
B15233			0 0	B27 4	0	LOGIC	CHASSIS		
B15234	·0 n7	808 3		B17 1			CHASSIS		
B16001			1 0	A27 3:			CHASSIS		
B16002	0 411		4 0	B27 3.	3	LOGIC	CHASSIS		
B16021		B15 0		B08 3			CHASSIS		
B16061		815 2		B08 4			CHASSIS		
816121	0 05		2 0	B11 3			CHASSIS		
B16551			5 0	B11 4			CHASSIS		
B16231		B14 1		B15 0			CHASSIS		
B16241		B14 1		B15 1			CHASSIS		
816251			2 0	B15 1			CHASSIS		
BK1001		B16 3		821 1			CHASSIS		
BK1021	0 04	B16 2	50	B21 1	7	LOGIC	CHASSIS		

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LW73129700	CİI	MDD DC			,	l	REVISION A		•
ID NO LEN	<b>Э</b> ТН	ORIGI	N	S	DEST	INATION	TITLE	SIZE/COLOR	EC0
BK10410 ·	04	B16	22	0	B21	22	LOGIC CHASSIS		
BK10610	05	816	12	0	B21	21	LOGIC CHASSIS		
BK10810	04	816	37	0	B21	41	LOGIC CHASSIS		
BK11010	04	B16	29	0	821	42	LOGIC CHASSIS		
BK11210	ი5	816	18	0	B21	44	LOGIC CHASSIS		
BK11410	96	B16		0	B21	45	LOGIC CHASSIS		
BK20210	03	819	28	0	820	44	LOGIC CHASSIS		
BK20310	0.8	819	55	0	A29	40	LOGIC CHASSIS		
BK20510	06	820	40	0	B29	40	LOGIC CHASSIS		
8K30110	0.5	B06	38	0	B06	21	LOGIC CHASSIS		
BK40010	0.3	B13	32	0	B14	13	LOGIC CHASSIS		
BK40210	0.2	B13	-	0	B14	12	LOGIC CHASSIS		
BK40410	02	B13	12	0	B15	08	LOGIC CHASSIS		
BK40610	n5	B13		0	B15	41	LOGIC CHASSIS		
BK40620	n 3	B13	30	0	B12	13	LOGIC CHASSIS		
BK40710	03	B13	40	0	B12	26	LOGIC CHASSIS		
BK40810	03	812		0	B14	16	LOGIC CHASSIS		
BK41010	04	812	17		816	29	LOGIC CHASSIS		
BK41210	04	B12	12	0	B14	28	LOGIC CHASSIS		
BK41410	04	812	01	0	816	08	LOGIC CHASSIS		
BK50010	0.3	814 814	28 25	0	B16 B08	18 14	LOGIC CHASSIS		
BK50020	n5 n6	B14	14	o	B 0 B	12	LOGIC CHASSIS		
BK50030 BK50210	04	B07	10	ŏ	811	16	LOGIC CHASSIS		
BK50211	04	B11	16	ŏ	813	34	LOGIC CHASSIS		
BK50212	04	B13		Ö	B11	42	LOGIC CHASSIS		
BK50310	02		12	ō	B06	05	LOGIC CHASSIS		
BK50311	06	B06	05	Õ	B13	28	LOGIC CHASSIS		
9K50610	0.4	B07		Õ	B11	14	LOGIC CHASSIS		
BK50620	0.4	807	33	ō	808	13	LOGIC CHASSIS		
BK50710	05	B07	36	Ō	B11	09	LOGIC CHASSIS		
BK50810	05	B07	42	Ō	811	13	LOGIC CHASSIS		
BK50910	05	B07	40	0	B11	10	LOGIC CHASSIS		
BK51110	02	811	32	Ō	B12	37	LOGIC CHASSIS		
BK51120	03	Bll	37		B11	50	LOGIC CHASSIS		
BK60010	04	815	05	0	B16	33	LOGIC CHASSIS		
BK60210	0.2	815	18	Ō	B16	25	LOGIC CHASSIS		
BK60410	03	B15		0	B16	22	LOGIC CHASSIS		
BK60610	04	B15	41	Ŏ	B16	12	LOGIC CHASSIS		
BK60810	0.4	815	10	Ō	B16	37	LOGIC CHASSIS		
BK61010	03	B17	36		B14	21	LOGIC CHASSIS		

ID NO	LENGTH	ORIGIN	S	DESTIN	ATION	TITLE		SIZE/COLOR	EC0
BK6121	o · 05	B17 :	37 0	B11	33	LOGIC	CHASSIS		•
BK6141			17 0		24		CHASSIS		
BK6181	0 04		24 0		10		CHASSIS		
BK6201			01 0		17	LOGIC	CHASSIS		
BT0001			01 0		36	LOGIC	CHASSIS		
BT00020	0.7	B24 (	05 0	B16	36	LOGIC	CHASSIS		
BT00110	n 8	B24 :	15 0		28	LOGIC	CHASSIS		
BT00120			14 0		28		CHASSIS		
BT00210			17 0		17		CHASSIS		
BT0022			18 0		17		CHASSIS		
BT0031			25 0		10		CHASSIS		
BT00320			26 0		10		CHASSIS		
BT0041			30 0		40		CHASSIS		
BT00420			32 0	-	40		CHASSIS		
BT0051			36 0		32		CHASSIS		
BT0052			37 0		32		CHASSIS		
BT0061			41 0		13		CHASSIS		
BTOOPS			42 0		13		CHASSIS		
BT0071			01 0		01		CHASSIS		
BT0072			05 0		01		CHASSIS		
BT0081			12 0		25		CHASSIS		
BT0082			14 0		25		CHASSIS		
BT0121			01 0		32		CHASSIS		
BT0122			05 0	_	32		CHASSIS		
BT0131			12 0		29		CHASSIS		
BT0132			14 0		29		CHASSIS		
BT0141			17 0		02		CHASSIS		
BT0142			18 0		17		CHASSIS		
BT0161			25 0		30		CHASSIS		
BT0162			26 0		30 24		CHASSIS		
BT01710			30 0		24		CHASSIS	•	
BT0171			24 0 32 0	-	<b>33</b>		CHASSIS CHASSIS		
BT0172			-		24 22				
BT0172			24 0		33 34		CHASSIS CHASSIS		
BT0181			36 0 37 0	-	34 24		CHASSIS		
BT0182			37 O 17 O		34 25		CHASSIS		
BT0191			18 0	-	25 26		CHASSIS		
BT01920			25 0		25 25		CHASSIS		
BT02020			26 0		32		CHASSIS		
BT0211			30 0		32 32		CHASSIS		
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ID NO LENG	Тн	ORIGI	4 .	S	DESTIN	NATION	TITLE		SIZE/COLOR	EC0
BT02111	ōЗ	A19	32	0	A 1 8	45	LOGIC	CHASSIS		
BT02120	02	826	32	0	826	37	LOGIC	CHASSIS		
BT02210	n 6	826	36		819	32		CHASSIS		
BT02211	0.2	B19	32		818	45		CHASSIS		
BT02220	0.2	B26	37	0	B26	42	LOGIC	CHASSIS		
BT02310	10	B28	41	0	<b>SSA</b>	21	LOGIC	CHASSIS		
BT02320	0.2	828	42	0	B28	50	LOGIC	CHASSIS	•	
BT02410	n5	B26	41	0	B22	21	LOGIC	CHASSIS		
BT02420	0.2	826	42	0	B26	50	LOGIC	CHASSIS		
BY40410	n5	B13	10		B07	08	LOGIC	CHASSIS		
BY51510	0.3	B08	24		B11	20	LOGIC	CHASSIS		
BY51511	06	811	20	0	818	37	LOGIC	CHASSIS		
BY60110	03	B17	10	0	B14	09	LOGIC	CHASSIS		
BY60410	03	B08	37		B11	40	LOGIC	CHASSIS		
BY60411	0.3	811	40	0	B14	33	LOGIC	CHASSIS		
0100110	05	A18	21		A14	44	LOGIC	CHASSIS		
0100210	0.2	A18	24	0	A17	22	LOGIC	CHASSIS		
0100310	0.2	A18	18	0	A17	20	LOGIC	CHASSIS		
0100410	03	A18	20		A17	37		CHASSIS		
0100510	04	A18	17	0	A14	05	LOGIC	CHASSIS		
0100710	05	818	21		B]4			CHASSIS		
0100810	0.2	918	24		817	22		CHASSIS		
0100910	0.2	818	18		B17	20		CHASSIS		
0101010	ŋ <b>3</b>	B18	20		B17	37		CHASSIS		
0101110	04	B18	17		B14	05		CHASSIS		
0200110	0.2	A25	01		A24	08		CHASSIS		
0200210	n <b>2</b>	A25	05		A24	09		CHASSIS		
0200310	02	A25	09		A24	13		CHASSIS		
0200410	02	A25	12		A24	16		CHASSIS		
0200510	U.S	A25	16		A24	21		CHASSIS		
0500610	02	A25	17		A24	24		CHASSIS		
0200710	ი5	A25	26		A19			CHASSIS		
0200810	09	A25	34		B19	44		CHASSIS		
0200910	04	A26	21		A30	_		CHASSIS		
0201010	04	A26	24		A30	14		CHASSIS		
0201110	04	A26	28		A30	13		CHASSIS		
0201210	04	A26	29		A30	16		CHASSIS		
0201310	04	A26	33		A30			CHASSIS		
0201410	04	A26	34		0EA	18		CHASSIS		
0201510	05.	A26	38		A30	20		CHASSIS	•	
0201610	<b>05</b> ُ	A26	40	U	A30	22	FORIC	CHASSIS		

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ID NO	LENGTH	ORIGIN	1	S	DESTI	NATION	TITLE		SIZE/COLOR	EC0
0201710	)· n5	A26	44	0	A30	09	LOGIC	CHASSIS		
0201810		A26	45		A30	10		CHASSIS		
0201910		A27	26		A19	44		CHASSIS		
0202010		A27	34	0	B19	44		CHASSIS		
0202110		A27	01	0	A24	28	LOGIC	CHASSIS		
0202210	0.4	A27	05	0	A24	29	LOGIC	CHASSIS		
0202310	0.4	A27	09	0	A24	33	LOGIC	CHASSIS		
0202410	0.4	A27	12	0	A24	34	LOGIC	CHASSIS		
0202510		A27	16	0	A24	38	LOGIC	CHASSIS		
0202610	0 04	A27	17		A24	40	LOGIC	CHASSIS		
0202710	05	A28	44	0	A30	05		CHASSIS		
0202810	0 05	85A	45	0	0 E A	8 0	LOGIC	CHASSIS		
0202910	0 06	A29	01		A24	44		CHASSIS		
0203010	) n6	A29	05	0	A24	45	LOGIC	CHASSIS		
0203110		A29	09		A26	0.8		CHASSIS		
020321		<b>PS9</b>	12		A26	09		CHASSIS		
0203310		B25	01		B24	0.8		CHASSIS		
0203410		825	05		B24	09		CHASSIS		
020351		B25	09		B24	13		CHASSIS		
020361		B25	12		B24	16		CHASSIS		
020371		B25	16		B24	21		CHASSIS		•
0203810		825	17		B24	24		CHASSIS		
0203910		825	26		0SA	36		CHASSIS		
020401		825	34		B50	36		CHASSIS		
0204110		B27	01		B24	28		CHASSIS		
02042](		827	05		B24	29		CHASSIS		
0204310		B27	09		B24	33		CHASSIS		
0204410		B27	12		B24	34		CHASSIS		
0204510		827	16		B24	38		CHASSIS		
0204610		B27	17		B24	40		CHASSIS		
0204710		827		0	A20	36		CHASSIS		
020481		B27	34		B20	36		CHASSIS		
020491		B26	21		B30	12		CHASSIS		
0205010		826	24		B30	14		CHASSIS		
0205110		B26	28		B30	13		CHASSIS		
020521		B26	29		B30	16		CHASSIS		
020531		B26	33		B30	17		CHASSIS		
020541		B26	34		B30	18		CHASSIS		
0205510		B26	38		B30	20		CHASSIS		
0205610		B26	40		B30	22		CHASSIS		
0205710	) n <b>5</b>	B26	44	0	B30	09	LOGIC	CHASSIS		

9-24.12 70602500 E

LW73129	700 C1I	סט פסא				F	REVISIO	A V		6
ID NO	LENGTH	ORIGI	N	s	DEST	INATION	TITLE		SIZE/COLOR	ECO
0205810	0.5	426	45	0	B30	10	LOGIC	CHASSIS		
0205910	05	328	44	0	B30	05	LOGIC	CHASSIS		
0206010	05	8 <b>5</b> 6	-	0	830	0.8	LOGIC	CHASSIS		
0206110	06	529	01		824	44	LOGIC	CHASSIS		
0206210	06	329		0	824	45		CHASSIS		
0206310		453		0	826	0.8		CHASSIS		
0205410	0.3	329	12		B26	09		CHASSIS		
020651		254	13		A 1 4	18		CHASSIS		
0206610		422		O	A 2 1	34		CHASSIS		
0206710	•	755		0	ASI	01		CHASSIS		
0205810		922		0	B14	18		CHASSIS		
0206910		822		0	821	34		CHASSIS		
0207010	-	355	18		B51	01		CHASSIS		
0207110		414		0	A17	16		CHASSIS		
020721		914		0	B17	16		CHASSIS		
0207310		405		0	A20	29		CHASSIS		
0207410	-	506	44	0	B20	29		CHASSIS		
0300110		IJ200		X	A25	01		CHASSIS	000	
0300210		OOSLI		X	A25	05		CHASSIS	444	
0300310		17500		X	A 25	09		CHASSIS	000	
0300410		IJZOO	05		A25	12		CHASSIS	444	
0300510		IJ200		X	A 25	16		CHASSIS	000	
0300610		17500	0.7		A25	17		CHASSIS	444	
0300710		1 J Z 0 0			A27	01		CHASSIS	000	
0300810					A27	05		CHASSIS	444	
0300910			10		A27	09		CHASSIS	000 444	
0301010		1J200		X	A27	12		CHASSIS	000	
0301110		17500	_	X	A27	16		CHASSIS	444	
0301210		17500 17500	14 15	x	A?7 A29	17 01		CHASSIS CHASSIS	000	
0301310			18					CHASSIS	444	
0301410		-		x	A29	05 09		CHASSIS	000	
0301510 0301610		17500		X	A29	12		CHASSIS	444	
0301010		13200	17		A25	36		CHASSIS	000	
0301710					A25	37		CHASSIS	444	
0301910				x	A27	28		CHASSIS	000	
0301910		13200			A27	29		CHASSIS	444	
0302010		13200			A25	28		CHASSIS	000	
0302210				x	A25	29		CHASSIS	444	
0302210		17500		x	A27	36		CHASSIS	000	
0302310		13200			A27	37		CHASSIS	444	
0302410	•	10200	- 1	^	~ ~ !	<b>J</b> ,		U	, , ,	

IN NO LENGTH	ORIGIN	S	DESTINATION	TITLE	SIZE/COLOR ECO
0302510	IJ200 28	Х	A25 41	LOGIC CHASSIS	000
0302610	IJ200 31	X	A25 42	LOGIC CHASSIS	444
0302710	IJ200 29	X	A27 41	LOGIC CHASSIS	000
0302810	IJ200 32		A27 42	LOGIC CHASSIS	444
0302910	1J200 30		A28 21	LOGIC CHASSIS	000
0303010	IJ200 33		A28 24	LOGIC CHASSIS	444
0303110	IJ200 34		A28 08	LOGIC CHASSIS	000
0303210	IJ200 37		A28 09	LOGIC CHASSIS	444
0303310	IJ200 35		A28 13	LOGIC CHASSIS	000
0303410	IJ200 38		A28 16	LOGIC CHASSIS	444
0303510	IJ200 40	X	A25 21	LOGIC CHASSIS	000
0303610	IJ200 43		A25 22	LOGIC CHASSIS	444
0303710		X	A27 21	LOGIC CHASSIS	000
0303810	IJ200 44		A27 22	LOGIC CHASSIS	444
0303910	IJ200 42		A29 21	LOGIC CHASSIS	000
0304010	IJ200 45		A29 22	LOGIC CHASSIS	444
0304110	IJ200 46		A29 16	LOGIC CHASSIS	000
0304210	IJ200 49		A29 17	LOGIC CHASSIS	444
0304310	IJ200 47		A29 28	LOGIC CHASSIS	000
0304410	IJ200 50		A29 29	LOGIC CHASSIS	444
0304510	IJ200 58	Х	A28 28	LOGIC CHASSIS	000
0304610	IJ200 62		A28 29	LOGIC CHASSIS	444
0304710	IJ200 59	X	A28 33	LOGIC CHASSIS	000
0304810	IJ200 63		A28 34	LOGIC CHASSIS	444
0304910	IJ200 60		A28 38	LOGIC CHASSIS	000
0305010	IJ200 64	X	A28 40	LOGIC CHASSIS	444
0305110	IJ200 65		A29 36	LOGIC CHASSIS	000
0305210	IJ200 70		A29 37	LOGIC CHASSIS	444
0305310	IJ200 66		A26 13	LOGIC CHASSIS	000
0305410	IJ200 71		A26 16	LOGIC CHASSIS	444
0305510	IJ200 67		A29 41	LOGIC CHASSIS	000
0305610	1J200 72		A29 42	LOGIC CHASSIS	444
0400110	IJ201 01		A24 08	LOGIC CHASSIS	000
0400210	IJ201 04	X	A24 09	LOGIC CHASSIS	444
0400310	1J201 02		A24 13	LOGIC CHASSIS	000
0400410	IJ201 05		A24 16	LOGIC CHASSIS	444
0400510	IJ201 03		A24 21	LOGIC CHASSIS	000
0400610	IJ201 07		A24 24	LOGIC CHASSIS	444
0400710 .	IJ201 08		A24 28	LOGIC CHASSIS	000
0400810	IJ201 12		A24 29	LOGIC CHASSIS	444
0400910	1J201 10		A24 33	LOGIC CHASSIS	000

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LW73129700 CII	MDD DC			F	REVISI	ON A		•
ID NO LENGTH	ORIGIN	S	DESTI	NATION	TITLE		SIZE/COLOR	EC0
0401010	IJ201 13	X	A24	34	LOGIC	CHASSIS	444	
0401110	IJ201 11	X	A24	38	LOGIC	CHASSIS	000	
0401210	IJ201 14	X	A24	40	LOGIC	CHASSIS	444	
0401310	IJ201 15	X	A24	44	LOGIC	CHASSIS	000	
0401410	IJ201 18	X	A24	45	LOGIC	CHASSIS	444	
0401510	IJ201 16		A26	8 0		CHASSIS	000	
0401610	IJ201 20	X	A26	09	LOGIC	CHASSIS	444	
0401710	IJ201 17	X	A25	36	LOGIC	CHASSIS	000	
0401810	IJ201 21	X	A25	37	LOGIC	CHASSIS	444	
0401910	IJ201 22	X	A27	28	LOGIC	CHASSIS	000	
0402010	IJ201 25	X	A27	29	LOGIC	CHASSIS	444	
0402110	IJ201 23		A25	28		CHASSIS	000	
0402210	IJ201 26		A25	29		CHASSIS	444	
0402310	IJ201 24	X	A27	36		CHASSIS	000	
0402410	IJ201 27	X	A27	37	LOGIC	CHASSIS	444	
0402510		X	A25	41		CHASSIS	000	
0402610		X	A25	42		CHASSIS	444	
0402710	IJ201 29		A27	41		CHASSIS	000	
0402810	IJ201 32		A27	42	LOGIC	CHASSIS	444	
0402910	IJ201 30	X	85A	21		CHASSIS	000	
0403010		X	85A	24		CHASSIS	444	
0403110	IJ201 34		A28	08		CHASSIS	000	
0403210	IJ201 37		85A	09		CHASSIS	444	
0403310	IJ201 35		85A	13		CHASSIS	000	
0403410		X	85A	16		CHASSIS	444	•
0403510 .		X	A25	21		CHASSIS	000	
0403610		X	A25	22		CHASSIS	444	
0403710		X	A27	21		CHASSIS	000	
0403810		X	A27	22		CHASSIS	444	•
0403910	IJ201 42	X	A29	21	LOGIC	CHASSIS	000	
0404010	IJ201 45	X	A29	22		CHASSIS	444	
0404110	IJ201 46		A29			CHASSIS	000	
0404210		X	A29	17		CHASSIS	444	
0404310		X	A29	28		CHASSIS	000	
0404410	IJ201 50		A29	29		CHASSIS	444	
0404510	IJ201 58		A28	28		CHASSIS	000	
0404610	IJ201 62	X	<b>A28</b>	29		CHASSIS	444	
0404710	IJ201 59	X	A28	33	LOGIC	CHASSIS	000	
010.000	V 1761 65	v	400	2 4	LACTO	AUACCTC		

LOGIC CHASSIS LOGIC CHASSIS LOGIC CHASSIS

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IJ201 63 X

IJ201 60 X A28 IJ201 64 X A28

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0404810

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0405010

ID NO LENGTH	ORIGIN S	DESTINATION	TITLE	SIZE/COLOR ECO
0405110	IJ201 65 X	A29 36	LOGIC CHASSIS	000
0405210	IJ201 70 X	A29 37	LOGIC CHASSIS	444
0405310	IJ201 66 X	A26 13	LOGIC CHASSIS	000
0405410	IJ201 71 X	A26 16	LOGIC CHASSIS	444
0405510	IJ201 67 X	A29 41	LOGIC CHASSIS	000
0405610	IJ201 72 X	A29 42	LOGIC CHASSIS	444
0500110	IJ202 B X	A26 21	LOGIC CHASSIS	000
0500210	INSUS D X	A26 24	LOGIC CHASSIS	444
050n31n	IJ202 BB X	A26 28	LOGIC CHASSIS	000
0500410	IJ202 DD X	A26 29	LOGIC CHASSIS	444
<b>05</b> 00510	IJ202 E X	A26 33	LOGIC CHASSIS	000
0500610	IJ202 H X	A26 34	LOGIC CHASSIS	444
<b>05</b> 00710	IJ202 EE X	A26 38	LOGIC CHASSIS	000
0500810	IJ202 HH X	A76 40	LOGIC CHASSIS	444
<b>0</b> 500910	IJ202 F X	A28 44	LOGIC CHASSIS	000
0501010	IJ202 J X	A28 45	LOGIC CHASSIS	444
0501110	IJ202 FF X	A26 44	LOGIC CHASSIS	• 000
0501210	X LL SOSLI	A26 45	LOGIC CHASSIS	444
0520531505791L	.W72970000 CII	MDD <b>DC</b>	REVIS	B 01
0600110	X 10002LII	B25 01	LOGIC CHASSIS	000
0600210	IIJ20004 X	B25 05	LOGIC CHASSIS	444
0600310	X S000SLII	B25 09	LOGIC CHASSIS	000
0600410	X 20005 X	825 12	LOGIC CHASSIS	444
0600510	X E0005LII	B25 16	LOGIC CHASSIS	000
0600610	X 70005LII	B25 17	LOGIC CHASSIS	444
0600710	X 80005LII	B27 01	LOGIC CHASSIS	000
0600810	X SIOOSLII	B27 05	LOGIC CHASSIS	444
0600910	X OloosLII	B27 09	LOGIC CHASSIS	000
0601010	X E1005LII	B27 12	LOGIC CHASSIS	444
0601110	IIJ20011 X	B27 16	LOGIC CHASSIS	000
0601210	IIJ20014 X	B27 17	LOGIC CHASSIS	444
0601310	IIJ20015 X	B29 01	LOGIC CHASSIS	000
0601410	X 81002FII	B29 05	LOGIC CHASSIS	444
0601510	IIJ20016 X	B29 09	LOGIC CHASSIS	000
0601610	IIJ20020 X	B29 12	LOGIC CHASSIS	444
0601710	IIJ20017 X	B25 36	LOGIC CHASSIS	000
0601810	IIJ20021 X	B25 37	LOGIC CHASSIS	444
0601910	11750055 X	B27 28	LOGIC CHASSIS	000
0605010	IIJ20025 X	827 29	LOGIC CHASSIS	444
0602110	IIJ20023 X	B25 28	LOGIC CHASSIS	000
0602210	IIJ20026 X	B25 29	LOGIC CHASSIS	444

70602500 E 9-24.16

LW73129700 CII	MDD DC		,	F	REVISIO	ON A		•
ID NO LENGTH	ORIGIN	S	DESTIN	IATION	TITLE		SIZE/COLOR	EC0
0602310	IIJ20024	х	B27	36	LOGIC	CHASSIS	000	
0602410	IIJ20027		B27	37	LOGIC	CHASSIS	444	
0602510	11J20028		B25	41		CHASSIS	000	
0602610	IIJ20031	X	B25	42	LOGIC	CHASSIS	444	
0602710	11J20029	X	B27	41	LOGIC	CHASSIS	000	
0602810	11J20032	X	B27	42	LOGIC	CHASSIS	444	
0602910	0E00SLII	X	828	21		CHASSIS	000	
0603010	IIJ20033	X	B28	24		CHASSIS	444	
0603110	IIJ20n34	X	B28	08		CHASSIS	000	
0603210	IIJ20037		828	09		CHASSIS	444	
0603310	11J20035	X	828	13		CHASSIS	000	
0603410	8E00SLII	X	B28	16		CHASSIS	444	
0603510	11J20040	X	B25	21		CHASSIS	000	
0603610	IIJ20043		B25	22		CHASSIS	444	
0603710	IIJ20041		B27	21		CHASSIS	000	
0603810	IIJ20044		B27	22		CHASSIS	444	
0603910	IIJ20042		B29	21		CHASSIS	000	
0604010	IIJ20045		829	22		CHASSIS	444	
0604110	IIJ20046		B29	16		CHASSIS	000	
0604210	IIJ20049		829	17		CHASSIS	444	
0604310	IIJ20047		B29	28		CHASSIS	000	
0604410	IIJ20050		B29	29		CHASSIS	444	
0604510	IIJ20058		828	28		CHASSIS	000	
0604610	117500es		828	29		CHASSIS	444	
0604710	IIJ20059		828	33		CHASSIS	000	
0604810	IIJ20063	X	828	34		CHASSIS	444	
0604910	11J20060		B28	38		CHASSIS	000	
0605010	11J20064		B28	40		CHASSIS	444	
0605110	IIJ20065	X	B29	36		CHASSIS	000	
0605210	IIJ20070	X	B29	37		CHASSIS	444	
0605310	11J20066	X	B26	13		CHASSIS	000	
0605410	IIJ20071	X	B26	16		CHASSIS	444	
0605510	IIJ20067	X	B29	41		CHASSIS	000	
0605610	IIJ20072	X	B29	42	LOGIC	CHASSIS	444	
0700110	IIJ20101		B24	08		CHASSIS	000	
0700210	IIJ20104		B24	09		CHASSIS	444	
0700310	IIJ20102		B24	13		CHASSIS	. 000	
0700410	IIJ20105		824	16	LOGIC	CHASSIS	444	
0700510	11750103		B24	21		CHASSIS	000	
0700610	IIJ20107		B24	24		CHASSIS	444	
0700710	11J20108		824	28	LOGIC	CHASSIS	000	

ID NO LENGTH	ORIGIN	S	DESTINA	TION	TITLE		SIZE/COLOR	EC0
0700810 .	IIJ20112	X	B24 29	9 1	LOGIC	CHASSIS	444	
0700910	IIJ20110		B24 3:	3 1	LOGIC	CHASSIS	000	
0701010	IIJ20113	X	B24 34	4	LOGIC	CHASSIS	444	
0701110	11J20111	X	B24 38	8 I	LOGIC	CHASSIS	000	
0701210	IIJ20114	Χ.	B24 4	0 1	LOGIC	CHASSIS	444	
0701310	IIJ20115		B24 4			CHASSIS	000	
0701410	IIJ20118	X	824 49	5 I	LOGIC	CHASSIS	444	
0701510	IIJ20116		BS6 08			CHASSIS	000	
0701610	11750150		B56 04			CHASSIS	444	
0701710	IIJ20117		B25 36			CHASSIS	000	
0701810	11750151		B25 3			CHASSIS	444	
0701910	IIJ20122		B27 28			CHASSIS	000	
0702010.	IIJ20125	X	B27 29			CHASSIS	444	
0702110	IIJ20123		B25 28			CHASSIS	000	
0702210	II750156		B25 29			CHASSIS	444	
0702310	IIJ20124		827 36			CHASSIS	000	
0702410	IIJ20127		B27 3			CHASSIS	444	
0702510	IIJ20128		825 4			CHASSIS	000	
0702610	IIJ20131		825 47			CHASSIS	444	
0702710	IIJ20129		B27 4			CHASSIS	000	
0702810	IIJS013S		B27 42			CHASSIS	444	
0702910	IIJ20130		B28 2			CHASSIS	000	
0703010	IIJ20133		828 24			CHASSIS	444	
0703110	IIJ20134		B28 08			CHASSIS	000	
0703210	IIJ20137		BS8 04			CHASSIS	444	
0703310	IIJ20135		B28 13			CHASSIS	000	
0703410	IIJ20138		828 1			CHASSIS	444	
0703510	IIJ20140		B25 2			CHASSIS	000	
0703610	IIJ20143		B25 23			CHASSIS	444	
0703710	IIJ20141		B27 2			CHASSIS	000	
0703810	IIJ20144		B27 2			CHASSIS	444	
0703910	IIJ20142		B29 2			CHASSIS	000	
0704010	IIJ20145		B29 2			CHASSIS	444	
0704110	IIJ20146		B29 1			CHASSIS	000	
0704210	IIJ20149		B29 1			CHASSIS	444	
0704310	IIJ20147		B29 20			CHASSIS	000	
0704410	IIJ20150		B29 29			CHASSIS	444	
0704510	IIJ20158		828 2			CHASSIS	000	
0704610	11750165		B28 2			CHASSIS	444	
0704710	IIJ20159		B28 3:			CHASSIS	000	
0704810	IIJ20163	X	B28 3	4 (	LOGIC	CHASSIS	444	

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LW73129	700 CI	I M	DD DC			•	F	REVISIO	N A		•
ID NO I	LENGTH	•	ORIGI	N	S	DESTI	NATION	TITLE		SIZE/COLOR	EC0
0704910	•		IIJ20	160	X	B28	<b>3</b> 8	LOGIC	CHASSIS	000	
0705010			IIJZO			B28	40		CHASSIS	444	
0705110			IIJZO			B29	36		CHASSIS	000	
0705210			IIJ20			B29	37		CHASSIS	444	
0705310			IIJ20	-		826	13		CHASSIS	000	
0705410			IIJ20			B26	16		CHASSIS	444	
0705510			IIJZO			829	41		CHASSIS	000	
0705610			IIJ20			829	42		CHASSIS	444	
0800110			IIJ20			B26	21		CHASSIS	000	
0800210			IIJ20			826	24		CHASSIS	444	
0800310			OSLII			B26	28		CHASSIS	000	
0800410			IIJ20			B26	29		CHASSIS	444	
0800510			IIJZO			B26	33		CHASSIS	000	
0800610			IIJZO			B26	34		CHASSIS	444	
0800710			11J20			826	38		CHASSIS	000	
0800810			IIJ20			B26	40		CHASSIS	444	
0800910			IIJ20			B28	44		CHASSIS	000	
0801010			11J20			B28	45	LOGIC	CHASSIS	444	
0801110			I I J 20			B26	44	LOGIC	CHASSIS	000	
0801210			I I J 20			B26	45	LOGIC	CHASSIS	444	
0900110	0		E04		0	A06	17	LOGIC	CHASSIS		
0900210	0	6	403	20	0	A11	33		CHASSIS		
0900310	0	6	E0A	30	0	A12	45	LOGIC	CHASSIS		
0900410	0	7	403	32	0	A12	14	LOGIC	CHASSIS		
0900510	0	6	A 0 3	33	0	A12	44 .	LOGIC	CHASSIS		
0900610	0	6	403	36		A12	42		CHASSIS		
0900710	(1	7	60 A	37		A13	38		CHASSIS		
0900810	0	7	A03		0	A13	37	LOGIC	CHASSIS		
0900910	n	7	E0 A		0	A13	36		CHASSIS		
0901010	0	7	A03		0	A13	33		CHASSIS		
0901110	0	7	A 0 3	17	0	A12	33	LOGIC	CHASSIS		
0901210	n	14	A03		0	A07	16		CHASSIS		
0901310	0	)4	E04		0	80A	10		CHASSIS		
0901510	0	5	<b>E0</b> A	88		80A	08		CHASSIS		
0901610	ŋ	7	EOA	08		A13	10		CHASSIS		
0901710	0		<b>60</b> A		0	A13	44		CHASSIS		
0901810	0	•	A03	01		A13	45		CHASSIS		
1000110	0		B03	45		B06	17		CHASSIS		
1000210			B03		0	B11	33		CHASSIS		
1000310	0		B03	30		B12	45		CHASSIS		
1000410		1-7	An3	32	0	B12	14	LOGIC	CHASSIS		

9-24.19

ID NO	LENGTH	ORIGIN	S	DESTINAT	ON TITLE	SIZE/COLOR	ÈC0
1000510	ე ი6	B03 33	0	812 44	LOGIC CHASSIS		
1000610		B03 36		B12 42	LOGIC CHASSIS		
1000710	n n7	B03 37	0	B13 38	LOGIC CHASSIS		
1000810		803 38		B13 37	LOGIC CHASSIS		
1000910	0 07	B03 40		B13 36	LOGIC CHASSIS		
1001010		B03 41		B13 33	LOGIC CHASSIS		
1001110		803 17		812 33	LOGIC CHASSIS		
1001210		B03 29		B07 16	LOGIC CHASSIS		
1001310			0	B08 10	LOGIC CHASSIS	•	
1001510				808 08	LOGIC CHASSIS		
1001610	•	B03 08		B13 10	LOGIC CHASSIS		
1001710		B03 05		B13 44	LOGIC CHASSIS		
1001810		B03 01		B13 45	LOGIC CHASSIS		
1100010		A01 06		A02 06	LOGIC CHASSIS	2n 666	
110001		A02 06		An3 06	LOGIC CHASSIS	20 666	
1100012		A03 06		A04 06	LOGIC CHASSIS	20 666	
1100013		A04 06		A05 06	LOGIC CHASSIS	2n 666	
1100020		A06 06		A07 06	LOGIC CHASSIS	2n 666	•
110005		A07 06		A08 06	LOGIC CHASSIS	20 666	
1100023		A08 06		A09 06	LOGIC CHASSIS	20 666	
110002		A09 06		A10 06	LOGIC CHASSIS	2n 666	
1100030		A12 06		A13 06	LOGIC CHASSIS	20 666	
1100031		A13 06		A14 06	LOGIC CHASSIS	2n 666	
110003		A14 06		A15 06	LOGIC CHASSIS	20 666	
110003		A15 06		A16 06	LOGIC CHASSIS	20 666	
1100034		A16 06		A17 06	LOGIC CHASSIS	2n 666	
1100039		A11 06		A12 06	LOGIC CHASSIS	20 666	
1100040		A18 06		A19 06	LOGIC CHASSIS	20 666	
1100041		A19 06		A20 06	LOGIC CHASSIS	2n 666	
1100042		A20 06		A21 06	LOGIC CHASSIS	2n 666	
110004		A21 06		A22 06	LOGIC CHASSIS	20 666	
1100044		A22 06		A23 06	LOGIC CHASSIS	20 666 20 666	
110005		A24 06		A25 06			
110005		A25 06		A26 06	LOGIC CHASSIS	20 666	
1100060		A27 06		A28 06	LOGIC CHASSIS	20 666	
110006		A28 06		A29 06	LOGIC CHASSIS	20 666 20 722	
1100110		A01 46		A02 46 A03 46	LOGIC CHASSIS	20 222 20 222	
110011		A02 46 A03 46			LOGIC CHASSIS	20 222 20 222	
1100112				•	LOGIC CHASSIS	50 555	
1100113						50 SSS	
1100120	02	A06 46	R	A07 46	LOGIC CHASSIS	EU & E E	

70602500 E

9-24.20

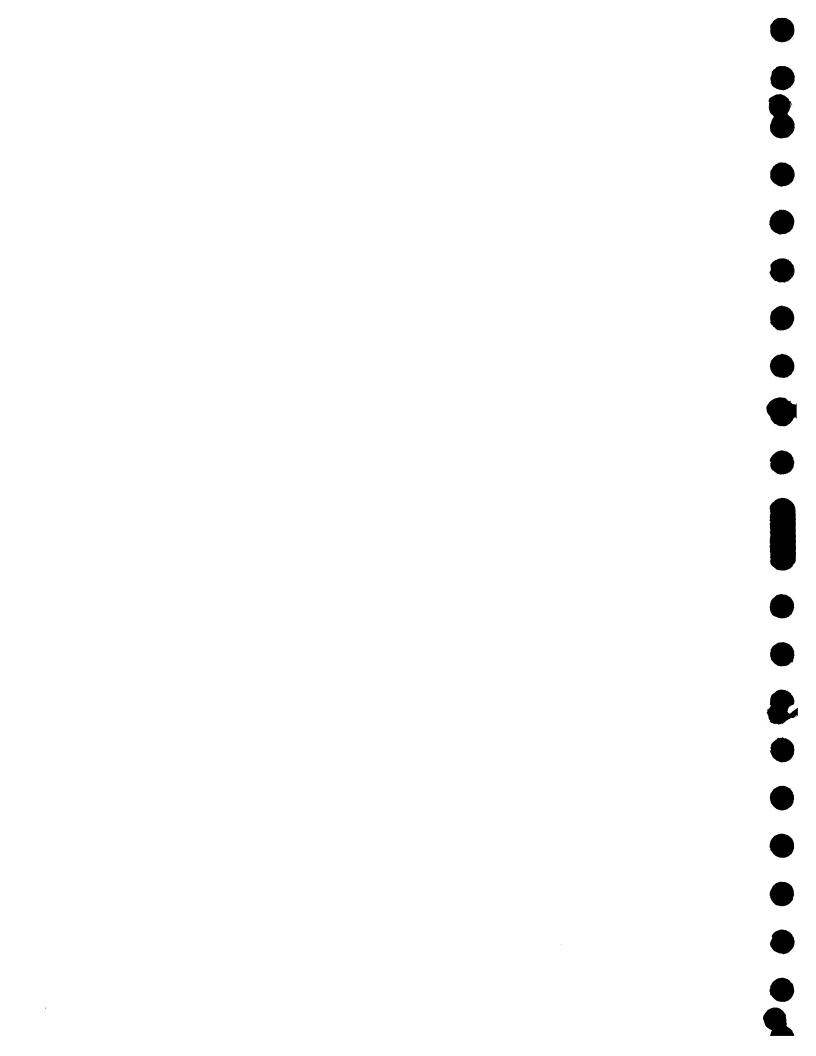
LW73129700 CII MDD DC	73129700 C	II MDD DC
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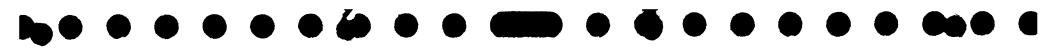
REVISION A

•				
ID NO LENGTH	ORIGIN S	DESTINATION	TITLE	SIZE/COLOR ECO
1100121 02	A07 46 R	A08 46	LOGIC CHASSIS	50 555
1100122 n2	A08 46 R	A09 46	LOGIC CHASSIS	50 555
1100123 02	A09 46 R	A10 46	LOGIC CHASSIS	20 222
1100130 02	A12 46 R	A13 46	LOGIC CHASSIS	20 222
1100131 02	A13 46 R	A14 46	LOGIC CHASSIS	20 222
1100132 02	A14 46 R	A15 46	LOGIC CHASSIS	20 222
1100133 02	A15 46 R	A16 46	LOGIC CHASSIS	20 222
1100134 02	A16 46 R	A17 46	LOGIC CHASSIS	20 222
1100135 n2	A11 46 R	A12 46	LOGIC CHASSIS	20 222
1100140 02	A18 46 R	A19 46	LOGIC CHASSIS	20 222
1100141 02	A19 46 R	A20 46	LOGIC CHASSIS	20, 555
1100142 02	A20 46 R	A21 46	LOGIC CHASSIS	20 222
1100143 02	A21 46 R	A22 46	LOGIC CHASSIS	2n 222
1100144 02	A22 46 R	A23 46	LOGIC CHASSIS	20 222
1100150 02	A24 46 R	A25 46	LOGIC CHASSIS	20 222
1100151 02	A25 46 R	A26 46	LOGIC CHASSIS	20 222
1100160 02	A27 46 R	A28 46	LOGIC CHASSIS	20 222
1100161 02	A28 46 R	A29 46	LOGIC CHASSIS	20 222
1100210 02	A01 48 R	A02 48	LOGIC CHASSIS	20 222
1100211 02	A02 48 R	A03 48	LOGIC CHASSIS	20 222
1100212 02	A03 48 R	A04 48	LOGIC CHASSIS	20 222
1100213 02	A04 48 R	A05 48	LOGIC CHASSIS	20 222
1100220 02	A06 48 R	A07 48	LOGIC CHASSIS	20 222
1100221 02	A07 48 R	An8 48	LOGIC CHASSIS	20 222
1100222 02	A08 48 R	An9 48	LOGIC CHASSIS	20 222
1100223 02	A09 48 R	A10 48	LOGIC CHASSIS	20 222
1100230 02	A12 48 R	A13 48	LOGIC CHASSIS	2n 222
1100231 02	A13 48 R	A14 48	LOGIC CHASSIS	50 555
1100232 02	A14 48 R	A15 48	LOGIC CHASSIS	20 222
1100233 02	A15 48 R	A16 48	LOGIC CHASSIS	20 222
1100234 02	A16 48 R	A17 48	LOGIC CHASSIS	50 555
1100235 n2	A11 48 R	A12 48	LOGIC CHASSIS	50 555
1100240 02	A18 48 R	A19 48	LOGIC CHASSIS	50 555
1100241 02	A19 48 R	A20 48	LOGIC CHASSIS	20 222
1100242 02	A20 48 R	A21 48	LOGIC CHASSIS	20 222
1100243 02	A21 48 R	A22 48	LOGIC CHASSIS	20 222
1100244 02	A22 48 R	A23 48	LOGIC CHASSIS	20 222
1100310 n2	B01 06 R	B02 06	LOGIC CHASSIS	20 666
1100311 02	802 06 R	B03 06	LOGIC CHASSIS	2ა 666
1100312 02	B03 06 R	B04 06	LOGIC CHASSIS	20 666
1100313 02	B04 06 R	B05 06	LOGIC CHASSIS	20 666

70602500 E

ID NO	LENGTH	ORIGIN	9	S	DESTIN	NATION	TITLE		SIZE/	COLOR	EC0
1100320	) · 12	806	06 1	R	B07	06	LOGIC	CHASSIS	20	666	
1100321	1 02	807	06 F	R	B08	06	LOGIC	CHASSIS		666	
1100322	2 02	808	06 F	R	B09	06	LOGIC	CHASSIS	20	666	
1100323	3 02	B09	06 F	R	B10	06	LOGIC	CHASSIS	20	666	
1100330	02		06 F	R	B13	06	LOGIC	CHASSIS	20	666	
1100331	. 12	B13	06 F	R	B14	06	LOGIC	CHASSIS		666	
1100332		_	06 F		815	06		CHASSIS		666	
1100333		-	06 F		B16	06		CHASSIS		666	
1100334			06 F		B17	06		CHASSIS	20	666	
1100335			06 F		812	06		CHASSIS	_	666	
1100340		-	06 F		819	06		CHASSIS	20	666	
1100341		-	06 F		B20	06		CHASSIS	20	666	
1100342			06 F		B21	06		CHASSIS		666	
1100343			06 F		B22	06		CHASSIS	20	666	
1100344					823	06		CHASSIS	20	666	•
1100350			06 F		B25	06		CHASSIS	-	666	
1100351			06 F		B26	06		CHASSIS	20	666	
1100360			06 F		B28	06		CHASSIS	-	666	
1100361			06 F		B29	06		CHASSIS		666	
1100410			46 F		B02	46		CHASSIS	20		
1100411	• • • •		46 F		B03	46		CHASSIS	20		
1100412			46 F		B04	46		CHASSIS		555	
1100413			46 F		B05	46		CHASSIS	20	555	
1100420			46 F		B07	46		CHASSIS		222	
1100421		-	46 F		B08	46		CHASSIS		555	
1100422			46 F		B09	46		CHASSIS		222	
1100423			46 F		B10	46		CHASSIS		222	
1100430			46 F		B13	46		CHASSIS	20	555	
1100431			46 F		B14	46		CHASSIS	20	222	
110043		- •	46 F		B15	46		CHASSIS	20	555	
1100433			46 F		B16	46		CHASSIS	50	222	
1100434			46 F		B17	46		CHASSIS	20	555	
1100435					B12	46		CHASSIS	20	222	
1100440			46 F		B19	46		CHASSIS	20	555	
1100441			46 F		B20	46		CHASSIS	20	555 555	
1100442			46 F		B21	46		CHASSIS	20	555	
1100443			46 F		B22	46		CHASSIS	20	555	
1100444			46 F 46 F		B23	46		CHASSIS CHASSIS	20 20	555	
1100450					B25	46				555	
1100451			46 F		B26	46		CHASSIS	20		
1100460	02	B27	46 F	7	B28	46	FORTC	CHASSIS	€0	222	





LW73129	700 CII	MDD D	С			F	REVISI	n A-			•	
ID NO	LENGTH	ORIG	IN	S	DEST	INATION	TITLE		SIZE/C	OLOR	ECO	
1100461	n2	828	46	R	B29	46	LOGIC	CHASSIS	20	<b>S S S S</b>		
1100510	0 02	B01	48	R	B02	48	LOGIC	CHASSIS		222		
1100511	. 02	B02	48	R	B03	48	LOGIC	CHASSIS		555		
1100512	2 02	803	48	R	B04	48	LOGIC	CHASSIS	. 20			
1100513	n 2	B04	48	R	B05	48	LOGIC	CHASSIS	20	222		
1100520	0.2	B06	48	R	807	48	LOGIC	CHASSIS	20	555		
1100521	0.2	B07	48	R	808	48	LOGIC	CHASSIS	20	555		
1100522		808	48	R	B09	48	LOGIC	CHASSIS	20	222		
1100523		B09	48	R	B10	48	LOGIC	CHASSIS		222		
1100530	-	812	48	R	B13	48	LOGIC	CHASSIS	20	222		
1100531			48	R	B14	48	LOGIC	CHASSIS	20	222		
1100532		B14	48	R	815	48	LOGIC	CHASSIS	20	222		
1100533		815	48	R	B16	48	LOGIC	CHASSIS	20	222		
1100534			48	R	B17	48	LOGIC	CHASSIS	20			
1100535			48	R	B12	48	LOGIC	CHASSIS		222		
1100540				R	B19	48	LOGIC	CHASSIS		555		
1100541	-			R	B20	48		CHASSIS .		222		
1100542				R	821	48		CHASSIS		222		
1100543			-	R	822	48		CHASSIS	.20			
1100544		822		R	B23	48		CHASSIS	Zo			

70602500 E 9-24.23

TITLE DOCUMENT NO. REV. WIRE LIST - LOGIC CHASSIS HARNESS ASSY F 40017600 MULTIPLE DISK DRIVE SHEET 1 OF 22 REVISION STATUS OF SHEETS REVISIONS ECO DESCRIPTION DRFT. DATE CHKD. APPO. REV. RELEASED 1127.65 M В PM4660 SEE CO DB 2-18-69 2269 C PM5578 SEE CO GV 7-10-69 DC4 7-18 OCH 7-18 ٥ PM5578A SEECO GV 7-10-69 DS 9.17.69 97 9.18.9 Ε PE 11118 SEE CO PEIII184 SEE CO NOTES: 1. A HEXAGON IN THE ACCESS FIND NO. COLUMN INDICATES 2. FOR MECH ASSY AND PL SEE THAT THE CONDUCTOR IS ONE OF SEVERAL (ALL WITH THE 70821200. SAME NUMBER IN THE HEXAGON) GOING INTO THE SAME TERMINAL. THE NUMBER IN FRONT OF A HEXAGON IS THE TERMINAL FIND NO. SD 10-10 CHIED. C.M. MINE ENGR FLOE 11/13/ BY FORM AA 1672

(12)277	:1;1	ń	it di	TITLE		. <b>W</b>	TRE LI	STING				ŴL	DOCUMENT NO. 40017600	F
MINNEAPO	OLIS. N	AL.	ESOT/	1	,							SHEET	2 OF	
CONDUCTOR	FIND NO.		AUGE REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	N	ACCES!		REMARKS	
1	11		20	4		J204	42 -	13	J206	M	19			
2						J206	N	19	J204	43	13			
3		T	•	1		J204	45	13	J206	R	19		•	
4		T				J206	s	19	J204	46	13			
5			1.			J204	48	9 ①	IJ202	U	13			
6						∏J202	U	13	J204	48	0			
7						J204	51	13	J206	<u>;</u>	19			
8						J206	k	19	J204	52	13			
9		İ				J204	53	13	J206	НН	19			
10	П	T				J206	3	19	J204	54	13			
11	П					J204	55	13	J206	n	19			
12	П	Ī				J206	F	19	J204	56	13			
13 -	П	T				J204	57	13	J206	F	19			
14						J206	<u>s</u>	19	J204	58	13			
15	$\prod$		$\top$			J204	60	13	J206	ū	19			
16	$\sqcap$	1				J206	~	19	J204	62	13			
17	П	T	V	1		J204	64	9 ②	IJ202	x	13			
18	1		-	1	1	<b>I</b> J202	х	13	J204	64	2			
19	11	-	20	4		J204	65	9 ③	IJ202	Y	13		•	

anna					TITL		W	IRE LI	STING				WL	DOCUMENT NO. 40017600	F
MINNEAPO				Ť		LENGTH			1	1		1	T		<del>,</del>
CONDUCTOR IDEN T.	FIN		GAUGE (REF.)		OLOR REF.)	(APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINA	TION	ACCESS FIND N		REMARKS	
20	1	1	20		4		IIJ202	γ .	13	J204	65	3			
21			1	Τ	1		J204	66	9 4	TJ202	2	13			
22	1	•	4	T	1		IIJ202	2	13	J204	66	•		•	
23				Ι			J204	16	13	A4J205	21	19			
24							A3J205	18	19	J204	24	13			
25				Τ			J204	26	13	A3J205	21	19			
26				Τ	T		A4J205	18	19	J204	33	13			
27							J204	36	13	J206	E	19			
28				T			J206	F	19	J204	37	13			
29							J204	39	13	J206	J	19			
30				Τ			J206	K	19	J204	40	13			
31	П			Τ			J204	41	13	J206	L	19			
32				Ι			J206	Τ .	19	A3J205	25	19			
33	П			Τ			A3J205	32	19	TB203	1	32 (5	k		
34	П			T			TB203	3	32	A3J205	35	19			
35	П			Ι			A3J205	36	19	TB203	7	15 🕠	3		
36			<b>T</b>	Ι	¥		TB203	8	32	A4J205	36	19			
37			•	Ī	1		A4J205	35	19	TB203	4	32			
38	1	1	20	T	4		TB203	2	326	A4J205	32	19			

विश्व				<u>؛</u> نــــ	TITL	.Ε	wı	RE L	ISTING				WL	DOCUMENT NO. 40017600	F
CONDUCTOR	FIF	VO	GAL	JGE	COLOR	LENGTH			ACCESS			ACCES	s.		
IDENT.	N			EF.)	(REF.)	(APPROX)	ORIGIN	T	FIND NO.	DESTINATI	ION —	FIND N	0.	REMARKS	
39	Ľ	1	_ 2	20	4	-	A4J205	25.	19	J206	w_	19			
40	<b>L</b>			<b></b>			A3TB202	35	21(7)	A3TB202	33	21 (8	Σ		
41							A3TB202	33	<b>®</b>	A3TB202	27	21(9		•	
42							A3TB202	27	<b>9</b>	A3TB202	21	21 (	9		
43							A3TB202	21	<b>10</b>	A3TB202	15	21 (	3		
44							A3TB202	15	<b>①</b>	A3TB202	9	27			
45	Γ						A4TB202	35	21 (2)	A4TB202	33	21 (	3		
46							A4TB202	33	<b>13</b>	A4TB202	27	21 €	4		
47							A4TB202	27	€	A4TB202	21	21 €			
48							A4TB202	21	<b>(</b> 3	A4TB202	15	21 (	6		
49							A4TB202	15	16	A4TB202	9	27			
50							TB203	3	15 🗘	A23	46	29,3	0		
51		П					A17	46	29,30	TB203	3	0			
52		П					TB203	3	15 😘	A11	46	29,3	0		
53							B23	46	29,30	TB203	4	15 🐠			
54							TB203	4	19	B17	46	29,3			
55							B11	46	29,30	TB203	4	1460			
56					1		TB203	5	32	A29	46	29.3			
57	1	1	2	0	4		829	46	29,30	TB203	5	32			

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क्षारम	रत).	JUAN.	TITLE		,	WIRE L	ISTING				WL	DOCUMENT NO. 40017600	F
MINNEAPC	M, BLK	INNESOTA									SHEET	5 OF	
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	IIN	ACCESS. FIND NO.	DESTINA	ATION	ACCESS FIND N		REMARKS	
58 ·	11	20	4		TB203	5 ·	32	A26	46	29,3	0		
59					B26	46	29,30	TB203	5	32			
60	•	1			TB203	6	32	A29	6	29,30	) ·	•	
61					B29	6	29,30	TB203	6	32			
62					TB203	6	32	A26	6	29,3	0		
63					B26	6	29,30	TB203	6	32			
64					TB203	7	15 20	A23	6	29,30			
65					A17	6	29,30	TB203	7	15 2	7		
66 ·					TB203	7	23	A11	6	29,30			
67					B23	6	29,30	TB203	8	15 2			
68					TB203	8	15.49	B17	6	29,30			
69					B11	6	29,30	TB203	8	13	T		
70					TB203	9	15 23	A23	48	29,30			
71					A17	48	29,30	TB203	9	32			
72		П			TB203	9	15 24	A10	48	29.30			
73					B23	48	29,30	TB203	10	15 6			
74					TB203	10	15 20	B17	48	29,30	-		
75	1	7	1		B1 <b>O</b>	48	29,30		10	32			
76	11	20	4		TB203	13	15 2	IJ202	R	13			

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ONDUCTOR		GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS.	DESTINAT	10N	ACCES!	s.	REMARKS	
77	11	20	4	1277102	IIJ202	R·	13	тв203	16	15 @	+	NE MANNE	
78	1	1	+		A3TB202	36		A3TB202	6	21 69			
79	1	<b>A</b>	1		A3TB202	6	29	TB203	1	15 (30		•	
80	$\vdash$	$\vdash \vdash$	+		TB203	1	60	A4TB202	6	21 3			
81			+		A4TB202	6	3	A4TB202	36	27			
82					TB203	4	<u></u>	B05	46	29,30	,		
83					B05	48	29,30	тв203	10	20			
84				1	TB203	3	100	A05	46	29,30	,	,	
85					A05	48	29,30	тв203	9	2			
86					A05.	6		TB203	7	1			
87			1		TB203	8	32	B05	6	29,30	)		
88		1			A26	48	29,30	TB203	9	32			
89	11	20	4		TB203	10	32	B26	48	29,30			
90	12	24	4		A3TB204	1	22	J204	44	14			
91	1	1	1		J204	49	13 33	IJ202	v	14		•	
92	1	1			IIJ202	V	1	J204	49	63			
93					J204	50		IJ202	w	114			
94	T	1	1		∄ ∏302	w	4	J204	50	63			
95	12	24	4		J204	59	14	A4TB204	1	22		•	

:1:185					E	WI	RE L	ISTING				WL	DOCUMENT NO. 40017600	F
MINNEAPO	ous.	V:IN	INESOTA	<del>\</del>	_			7				SHEET	7 OF	
CONDUCTOR IDENT.	FIND NO.	<u>'</u>	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINAT	ION	ACCESS FIND N		REMARKS	
96	12	4	24	4		A3TP201		22	J204	67	14			
97	1	1				J204	70	14	A4TP201	-	22			
98	LI	1	` •	1		A3J205	39	20	8A	1	23.2	4	•	
99	$\sqcup$	$\downarrow$	<u> </u>			A7	13	23,24	A3J205	23	20			
100	Ш	$\perp$				J204	4	14	В7	37	16,1	7		
101	1	1		<u> </u>	ļ	88	45	16,17	J204	5	14			
102	Ц	1				J204	7	14	A8	45	16,17	7		
103	Ш	1				A7	37	16, 17	J204	8	14			
104	Ш					J204	10	14	J206	Z	20			-
105						J206	cc	20	J204	22	14			
106		$\perp$				J204	15	14	A4J205	22	20			
107	Ш	$\perp$				J206	Н	20	J204	25	14			
108						J204	27	14	A3J205	22	20			
109		1				A3J205	26	20	A8	2	16, 17	,		
110						A8	1	16,17	A3J205	27	20			
111						A3J205	28	20	A3TB204	2	22			
112	Y					A11	30	16,17	A3J205	37	20			
113		Ĺ	'	7		A3J205	38	20	A11	45	16,17			
114	12		24	4		A14	1	16,17	A3J205	47	20	Ī		

no.	n)	1:	Mess.	TITL	E	wı	RE LI	STING				WL	DOCUMENT NO. 40017600	F
NINNEAP	DLI8.	MI	NESOTA									SHEET	8 of	
CONDUCTOR IDENT.	FIN		GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINAT	ION	ACCESS FIND NO		REMARKS	
115	12	2	24	4		A3J205	50	20	A14	8	16,1	7		
116						A17	16	16,17	A3J205	51	20		, p ^{rofest}	
117	1		<b>A</b>	1		A3J205	52	20	A14	20	16,17			
118						A14	42	16,17	A3J205	53	20			
119						A3J205	54	20	A14	37	16,17	'		
120	П					A14	36	16,17	A3J205	55	20			
121						A3J205	56	20	A15	42	16,17			
122						A15	45	16,17	A3J205	57	20			
123						A3J205	58	20	A15	9	16,17			
124						A15	29	16,17	A3J205	59	20			
125						A3J205	60	20	A15	24	16,17			
126						A15	13	16,17	A3J205	62	20			
127						A3J205	63	20	A15	22	16,17			
128						A15	40	16,17	A3J205	64	20			
129					•	A3J205	65	20	A15	33	16,17			
130						A15	14	16,17	A3J205	66	20			
131	V	,	¥			A3J205	67	20	A15	28	16,17			
132				1		A15	34	16,17	A3J205	70				
133	12	2	24	4		A3J205	71	20	A15	12	16, 17		•	

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CINTER MINNEAPO		NNEBOTA	TITLE		WI	RE L	ISTING				WL	DOCUMENT NO. 40017600	F
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN	المسماح	ACCESS FIND NO.	DESTINATI	ON	ACCES!	3.	REMARKS	٠.
134	12	24	4		A15	21.	16,17	A3J205	72	20			
135	1		1		A3J205	73	20	A15	20	16,1	7		
136					A15	38	16,17	A3J205	74	20		•	
137					A3J205	75	20	A15	36	16,17	7		
138					A15	16	16,17	A3J205	76	20			
139					A3J205	77	20	A15	17	16,17	7	T	
140					A15	25	16, 17	A3J205	78	20			
141					A4J205	39	20	98	1	16,17	7		
142					B7	13	16,17	A4J205	23	20			
143	i				A4J205	24	20	J206	ā	20			
144					A4J205	26	20	88	2	16,17	,		
145					88	1	16,17	A4J205	27	20	1		
146					A4J205	28	20	A4TB204	2	22			
147					B11	30	16, 17	A4J205	37	20			
148					A4J205	38	20	B11	45	16,17	,		
149					B14	1	16,17	A4J205	47	20		· · · · · · · · · · · · · · · · · · ·	
150	*				A4J205	50	20	B14	8	16, 17	,		
151 .	1	<u> </u>	1		B17	16	16,17	A4J205	51	20	1		
152	12	24	4		A4J205	52	20	B14	20	16,17	,	<del></del>	

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MINNEAPO	LIB, M	NNESOTA									SHEET	10 OF	
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS FIND NO.	DESTINAT	ION	ACCES!		REMARKS	
153	12	24	4		814	42-	16,17	A4J205	53	20			
154	1	1	1		A4J205	54	20	B14	37	16,1	7		-
155					B14	36	16, 17	A4J205	55	20	1	•	
156					A4J205	56	20	B15	42	16,1	7		
157				ļ	B15	45	16, 17	A4J205	57	20			
158					A4J205	58	20	B15	9	16,1	7		
159					B15	29	16,17	A4J205	59	20			
160					A4J205	60	20	B15	24	16,1	7		
161					B15	13	16, 17	A4J205	62	_20			
162					A4J205	63	20	B15	22	16,1	7		
163					B15	40	16,17	A4J205	64	20			
164					A4J205	65	20	B15	33	16,1	7		
165	·				B15	14	16,17	A4J205	66	20			
166					A4J205	67	20	B15	28	16, 1	7		
167					B15	34	16,17	A4J205	70	20			
168					A4J205	71	20	B15	12	16,17	7		
169					B15	21	16, 17	A4J205	72	20			
170		Y	1		A4J205	73	20	815	20	16,1	7		
171	12	24	4		B15	38	16, 17	A4J205	74	20		•	

<b>ा</b>					WII	RE LI	STING				WL	DOCUMENT NO. 40017600	F
MINNEAPO		GAUGE	COLOR	LENGTH			ACCESS.			ACCES	1	11 ^{0F}	
IDENT.	NO.	(REF.)	(REF.)	(APPROX)	ORIGIN		FIND NO.	DESTINATIO	N	FIND N		REMARKS	<u> </u>
172	12	24	4		A4J205	75		B15		16,17	'		
173				<u> </u>	B15	16	16,17	A4J205	76	20			
174	1	1	1		A4J205	77	20	B15	17	16,17	'	•	
175					B15	25	16,17	A4J205	78	20			
176	Ш				J206	В	20	A17	34	16, 17	<u>'                                    </u>		
177					A17	08	16,17	J206	D	20			
178					J206	С	20	TB203	3	32 (34			
179					TB203	1	32 (3)	J206	U	20			
180					J206	٧	20	A19	1	16, 17	'		
181					A19	20	16,17	J206	W	20			
182					J206	Х	20	A19	33	16,17	'		·
183					A19	45	16,17	J206	Y	_20	<u> </u>		
184					J206	Р	20	A3TB204	3	22			
185					A4TB204	3	22	J206	t	20			
186					J206	ħ	20	B17	08	16,17	'		
187					B17		16,17	J206	ē	20			
188					J206	Ŧ	20	TB203		32 6			
189		<b>V</b>	Y		TB203	2	32 🛐	J206	×	20			
190	12	24	4	1	J206	ÿ	20	B19	1 1	16,17			

min	M		N. A. J.		TITLI	ξ	WI	RE LI	STING				WL	DOCUMENT NO. 40017600	F
MINNEAPO	ous.	MIN	INESOT	<u></u>					-			لم	SHEET 1	2 OF	
CONDUCTOR IDENT.	FINI NO.		GAUGE (REF.)		COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	ON .	ACCESS FIND NO		REMARKS	
191	12		24		4		B19	20	16,17	J206	Z	20			
192					A		J206	AA	20	B19	33	16,17			
193	1		1	T	1		B19	45	16,17	J206	BB	20		•	
194				I			A3TB202	7	21,48	A3TB202	2	27			
195	П		Ţ	T			A3TB202	5	21 🚱		1	27			
196				I			A3TB202	30	27	A3TB202	31	27			
197				I			A3TB202	24	27	A3TB202	25	27			
198				Ι			A3TB202	18	27	A3TB202	19	27			
199							A3TB202	12	27	A3TB202	13	27			
200				T			A3TB202	34	27	A3TB202	31	27			
201				T			A3TB202	28	27	A3TB202	25	27			
202		٦		Τ			A3TB202	22	27	A3TB202	19	27			
203				T			A3TB202	16	27	A3TB202	14	27			
204				T			A3TB202	5	€9	A3TB202	8	27			
205		7		T			^A3TB202	7	<b>49</b>	A3TB202	10	27			
206		7		T			A4TB202	7	21.69	A4TB202	2	27			
207				Ţ	1		A4TB202	5	21 (3)		1	27			
208	Y			T			A4TB202	30	27	A4TB202	31	27			
209	12	Ī	24	T	4		A4TB202	24	27	A4TB202	25	27			

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MINNEAP	DUS, M	INNESOT									SHEET	13 of	
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATI	ON	ACCES FIND N		REMARKS	
210	12	24	4		A4TB202	18	27	A4TB202	19	27			
211					A4TB202	12	27	A4TB202	13	27			
212					A4TB202	34	27	A4TB202	31	27		•	
213					A4TB202	28	27	A4TB202	25	27			
214	Ш				A4TB202	22	27	A4TB202	19	27		-	
215	Ш				A4TB202	16	27	A4TB202	14	27			
216					A4TB202	5	69	A4TB202	8	27			***************************************
217					A4TB202	7	<b>(3</b> )	A4TB202	10	27	1		
218					TB203	1	(3)	A3TP200	T_	22		1-341	
219					A3TP203	_	22	TB203	3	3			
220					TB203	2	6	A4TP200	1=	22	1		
221					A4TP203		22	TB203	4	<b>3</b>			
222					TB203	7	<b>Ø</b>	A3TP204	<b>—</b>	22			
223					A3TP202	-	22	TB203	9	23		*	
224					TB203	8	<b>Ø</b>	A4TP204	_	22	1		
225					A4TP202	_	22	TB203	10	23			
226			Y		TB203	13	15 🕏	IJ202	N	14			
227	1			3	1J200	80	20	TB203	13	B2 <b>(</b> )			
228	12	24	4	i	TB203	13	•	IJ201	80	20	1		

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MINNEAPO	LIS, M	INNE	BOTA		-				γ			لحم	SHEET	14 OF	
CONDUCTOR	FIND NO.	GAU		COLO		LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	)N	ACCES!		REMARKS :	
229	12		24	4			A30	2 -	16,17	TB203	13	32 🍕	3		
230				A			TB203	13	0	A30	50	16,1	7		
231	1	,		Ī			IIJ202	N	14	TB203	16	<b>23</b>		• .	
232							TB203	16	32 🚱	<b>□</b> J200	80	20			
233		Ī					<b></b>	80	20	TB203	16	•			
, 234							TB203	16	32 🕄	B30	2	16,1	7		
235							830	50	16,17	TB203	16	•			
236							TB203	1	(3)	A3TB204	7	22			
237				П			A3TB204	4	22	A14	45	16,1	7 .		
238							814	45	16,17	A4TB204	4	22			
239				П			A4TB204		22	TB203	2	<b>③</b>			
240							A3TB202	36	27	A3TB202	37	27			
241	1			П			A4TB202	36	27	A4TB202	37	27			
242	П			П			A22	25	16, 17	A3J205	40	20			
243				П	T		^A3J205		20	A22	18	6,17			
244							B22	25	16,17	A4J205	40	20			
245							A4J205	41	20	B22	18	16,1	7		
246	7			1			A3J205	24	20	J206	A	20			
247	12		24	4			A4\$202	3	22	B17	9	16,1	7	•	

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CONDUCTOR IDENT.		GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINAT	TION	ACCESS FIND NO	s.	REMARKS	•
248	12	24	4		A3S202	2 -	22	A17	33	16,17	7		
249	1				A3S202	3	1	A17	9		1		
250	1	1	1		A3S202	4		A17	26			•	
251					A3S202	5		A17	5		1		*
252					A45202	С		B17	32				
253	Y	<b>Y</b>			A4S202	1	1	B17	44	1			
254	12	24	4		A4S202	2	22	B17	33	16,17	7		
255	10	16	4		A3J205	1	18	TB203	3	15			
256					TB203	7	15	A3J205	2	18			
257	1	<b>1</b>	1		A3J205	3	18	J204	21	9			٠.
258					A3J205	20	18	TB203	1	34,60	)		
259					TB203	1	50	J204	1	9			
260					J204	2	9	тв203	1	15			
261					TB203	2	15	J204	3	9			
262	<u> </u>				J204	11	9	TB203	6	15			
263	$\perp$				TB203	5	15	J204	12	9	· ·		
264	+				J204	13	9	TB203	9	15			
265	<b>.</b>	<b>T</b>	7		TB203	10	15	J204	14 ,	9			
266	10	16	4		J204	17	. 9	A3TB202	35	21			

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MINNEAPO	OLIS, MI	NNESOTA								SHEET 16 OF
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS FIND NO	DESTINATIO	DN .	ACCESS. FIND NO. REMARKS
267	10	16	4		TB203	3 ·	15	J204	18	9
268			•	1	J204	20	9	TB203	4	15
269	1	1			TB203	7	15	J204	28	9
270	П				J204	29	9	тв203	8	15
271					A4J205	3	18	J204	30	9
272	П				J204	35	9	A4TB202	35	21
273	П				TB203	4	15	A4J205	1	18
274					A4J205	20	18	TB203	2	15
275	П				TB203	1	15	TOP BUSS B	<b>—</b>	23, 24
276					MIDDLE BUSS BAR	_	23,24	TB203	2	€ 34
277	7	7	7		TB203	2	<b>62</b>	BOTTOM BUSS BAR	1-	23,24
278	10	16	4		TB203	8.	15	A4J205	2	18
279	12	24	4		A3S201	1	16	A17	41 .	16,17
280	1	1	1		A4S201	1	16	B17	41	<b>A</b>
281		1	1		A30S200	В	27	A17	42	
282	П				A4DS200	В	27	817	42	
283	7	1	1		A3S202	С	22	A17	32	Y
284	12	24	4		A3S202	1	22	A17	44	16,17
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HINNEAPO	DUS, MI	NNESOTA									SHEET	17 OF	
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINAT	ION	ACCESS FIND N		REMARKS	
285	25	24											
285A			0		A3J205	4	20	A3TB202	35	⑦			
2858			4		A3J205	8	20	A3TB202	37	27		•	
286	25	24											
286A			0		A3TB202	9	27	A3J205	5	20			
286B			4		A3TB202	7	27	A3J205	10	20			
287	25	24											
287A			0		A3J205	7	20	A3TB202	15	27		•	
287B			4		A3J205	11	20	A3TB202	11	27			
288	25	24											
288A			0		A3TB202	21	27	A3J205	12	20			
288B			4		A3TB202	17	27	A3J205	15	20			
289	25	24											
289A			0		A3J205	13	20	A3TB202	27	27			
289B			4		A3J205	16	20	A3TB202	23	27			
290	25	24											
290A			0		A3TB202	33	27	A3J205	14	20			
29 <b>0</b> B			4		A3TB202	29	27	A3J205	17	20	1_		

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MINNEAPO	DUS, M	NNESOTA		,,						اــــــ	SHEET	18 OF	
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	ON .	ACCES FIND N		REMARKS	
291	25	24								İ			
291A			0		A3J205	31	20	A11	25	16,1	7		
291B			4		A3J205	34	20	A11	24	16,1	7	•	
292	25	24							<u> </u>	<u> </u>			
292▲			0		IJ202	K	14	A3J205	45	20			
292B			4		IJ202	M	14	A3J205	46	20			
293	25	24											
293A			0		A3J205	48	20	<b>□</b> J202	K	14			
293B			4		A3J205	49	20	<b>□</b> J202	M	14			
294	25	24											
29 <b>8</b> A			0		A4J205	4	20	A4TB202	35	(3)			
294B			4		A4J205	В	20	A4TB202	37	27			
295	25	24											
295A			0		A4TB202	9	27	A4J205	5	20			
2958			4		A4TB202	7	27	<b>A4</b> J205	10	20			
296	25	24											
296A			0		A4J205	7	20	A4TB202	15	27			
296B			4		A4J205	11	20	A4TB202	11	27			
												•	

वारण	Rn.	DATA	TITLE		wı	RE LI	STING				WL	DOCUMENT NO. 40017600	F
MINNEAPC	LIS, MI	NNESOTA									SHEET	19 ,ØF	
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	)N	ACCESS FIND NO		REMARKS	
297	25	24				-							
297A			0		A4TB202	21	27	A4J205	12	20			
297B			4		A4TB202	17	27	A4J205	15	20		•	
298	25	24											
298A			0		A4J205	13	20	A4TB202	27	27			
298B			4		A4J205	16	20	A4TB202	23	27			
299	25	24											
299▲			0		A4TB202	33	27	A4J205	14	20			
299B			4		A4TB202	29	27	A4J205	17	20			
300	25	24											
300A			0		A4J205	31	20	B11	25	16,1	7		
300B			4		A4J205	34	20	B11	24	16,1	7		
301	25	24											
301A			0		IJ202	KK	14	A4J205	45	20			
301B			4		IJ202	MM	14	A4J205	46	20			
302	25	24											
302A			0		A4J205	48	20	<b>Ⅲ</b> J202	KK	14			
302B			4		A4J205	49	20	<b>∏</b> J202	ММ	14			

कारान	· .		TITLE	I	wı	RE L	ISTING				WL	DOCUMENT NO. 40017600	F
CONDUCTOR	FIND	GAUGE	COLOR	LENGTH	ORIGIN		ACCESS			ACCES	s.		
IDENT.	NO.	(REF.)	(REF.)	(APPROX)	ONIGIN	Υ	FIND NO.	DESTINATIO	DN	FIND	10.	REMARKS	
303 303A	25	24	-		A7	1	16 17	A3TB202	20	27		<del></del>	
		<del> </del>	0			<del> </del>	16,17		+	1			
3038			4		A7	5	16,17	A3TB202	18	27			
304	25	24											
304A		1	0		A3TB202	14	27	A7	18	16,1	17		
304B			4		A3TB202	12	27	A7	17	16,1	17		
305	25	24											
305A			0		A7	28	16,17	A3TB202	32	27			
305B			4		A7	29	16,17	A3TB202	30	27			
306	25	24								l —			
306A			0		A3TB202	26	27	A7	44	16,1	17		
3 <b>9</b> 6B			4		A3TB202	24	27	A7	45	16,1	17		
307	25	24							1	l	1		
307A			0		B7	1	16,17	A4TB202	20	27			
307B			4		B7	5	16,17	A4TB202	18	27			
308	25	24											
308A			0		A4TB202	14	27	87	18	16,1	17		
3088			4		A4TB202	12	27	87	17	16,1			
												•	

MINNEAPO					WI	RE LI	ISTING				WL	DOCUMENT NO. 40017600 210F	F
CONDUCTOR IDEN T.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATI	ON	ACCES FIND N	s.	REMARKS	·
309	25	24	·			·							
309A			0		B7	28	16,17	A4TB202	32	27			
309B			4		87	29	16,17	A4TB202	30	27		. •	
310	25	24				<u> </u>							
310A			0		A4TB202	26	27	B7	44	16.1	7		
310B		ļ	4		A4TB202	24	<u>47</u>	B7	45	16,1	7	·	
311	12	24	4		A4S202	4	22	B17	26	16,1	7		
312	12	24	4		J206	Б	20	A18	42	16,1	7		
313	12	24	4		J206	EE	20	B18	42	16,1	7		
315	28	20					<u> </u>		<u> </u>				
_315A_			SHILLD		A3J205	29	19	_A11	28	29.3	1		
315B			0		A3J205	30	19	A11	26	29,3	0		
315C			2		A3J205	33	19	A11	18	29,3	0		
316	28	20				<u> </u>				<b> </b>			
316A			SHIELD		A4J205	29	19	<u> 811 </u>	28	29.3	1		
316B		<u> </u>	0		A4J205	30	19	B11	26	29,3	0		
316C	<del> </del>	ļ	2		A4J205	33	19	B11	18	29,3	0	· · · · · · · · · · · · · · · · · · ·	
<u> </u>			<del> </del>			-			+	<b> </b>			
FORM AA 16	<u></u>	1	<u> </u>		!		A		<u> </u>	J			

सताम		DUM	TITLE		W	IRE LI	ISTING			,	WL	DOCUMENT NO: 40017600	F
MINNEAPO	DUS, M	NNESOTA				-7		***			SHEET	22 OF 22	
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN	ļ	ACCESS. FIND NO.	DESTINAT	TION	ACCESS FIND NO		REMARKS	
320	33	24				<u> </u>		· · · · · · · · · · · · · · · · · · ·					
320A			SHIELE		A3J205	79	19 🐼	A22	8	16, 17	7		
320B			9		A3J205	80	20	A22	5	16,17	7 ·	•	
321	33	24											
321A			SHIELE		A22	8	16,17	A3J205	79	€	1		
321B			9		A22	9	16,17	A3J205	82	20			
322	33	24											
322A			SHIELD		A4J205	79	19 🚯	B22	8	16,17	7		
322B			9		A4J205	80	20	B22	5	16, 17	,		
323	33	24											
323A			SHIELE		B22	8	16,17	A4J205	79	(3			
3238			9		B22	9	16,17	A4J205	82	20			
324	11	20	4		A29	48	29,30	TB203	9	32			
325	11	20	4		TB203	10	32	B29	48	29,30			
326	12	24	4		A3J205	42	20	TB203	2	0	1		
327	1	1	1		A4J205	42		TB203	2	<b>3</b> 35	5	•	
328	I				A3J205	43		J206	ā	20			
329	7	1	Y		A4J205	43	20	J206	DD	20			
330	12	24	4		A45202	05	22	B17	5	16, 17	1	•	

70602500 B

W	111	100	i I	Ň	7.8		TIT	LE			· · · · · · · · · · · · · · · · · · ·		<u> </u>		DOCUMENT	NO.	REV.
	-			-			-	opuc		E LIS	T - LOGIC	CHASSIS HARNESS ASSY	WL	7	071500	_	K
Ç						3	PH	יייייי		ULTIP	LE DISK D	RIVE	SHE		OF 23		
MINN						_			-	Ţ <del></del>	-		0112		01 23		
	F	EVIS	ON	STA	TUS	OF S	SHEE	TS		<u> </u>	·	REVISIONS			·		
	$\perp$							$\perp$		REV.	ECO	DESCRIPTION		DRFT.	DATE	CHKD.	APPD.
	$\perp$									A		RELEASED			1127.65		/X:"
	$\perp$			L						В	PM4660	SEE CO		DB	2-18-69	17	22169
	$\perp$								1	С	PM 55 78	SEE CO		Gν	7-10-69	æc#	7-18
	$\perp$									D	PM 5578A	SEECO		G۷	7-10-69	10°C#	7-18
	Ĺ									E	PE 11118	SEE CO			9.17.69	97	9-18-9
										F	IIII8 A	DWG NO WAS 40017600		ЪС	12-17-69	9712/18	I-R
							Γ			G	PE 11451	ADDED NOTE 3 & CHG WL		PC	3/31/70	97	兀
										Н	PE11444	CHG WL 320 A / 322 A		ΡU	3/31/20	97	Д
										J	PE11290	ADDED 331 - 338		DC	3/31/70	97	I-R
$\Box$										K	PE11451A	CHG NOTE 3 & WL		PC	3/31/70	97	开
	1		Π						Т	1							
	T					Г	Г			1							
								П									
$\prod$	T							П	$\top$								
П				Π													
$\Box$	Τ						Π	П									
NOT	ES:																
1																	
		-	٠,								•	•					
														П	N 70-71	500	0
ł															TACHED	LIS	
COP	ES	Т	Т			Τ						BY SD 10-10 CHKD.	GA	1. 11/1	ENGR	760	÷~
- 10		L			<del></del>	J						2. 1. 30 110-10 sims.	10./	1. 71	/681	L"	•

												` ` ` ` ` ` ` .	
MINNEAP			TITLE		WI	RE LI	STING	,			W L SHEET	70715000 2 OF	K.
CONDUCTOR	FIND NO.	AUGE REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	N	ACCESS FIND NO		REMARXS	
1	11	20	4		J204	42 ·	13	J206	М	19			
2		1			J206	N	19	J204	43	13			
3		1	4		J204	45	13	J206	R	19		•	
4					J206	s	19	J204	46	13			
5					J204	48	9 ①	IJ202	U	13			
6					∏J202	U	13	J204	48	①			
7					J204	51	13	J206	j	19			
8					J206	k	19	J204	52	13			
9					J204	53	13	J206	нн	19			
10					J206	m	19	J204	54	13			
11					J204	55	13	J206	n	19			
12					J206	P	19	J204	56	13			
13					J204	57	13	J206	r	19			
14					J206	5	19	J204	58	13		•	
15					J204	60	13	J206	ū	19			
·16					J206	₹	19	J204	62	13			
17		*	· Y		J2Q4	64	9 (2)	IJ202	×	13			
18	1	,			<b></b> ☐J202	х	13	J204	64	2		•	
19	11	20	4		J204	65	9 (3)	I/1505	<u> Y</u>	13		•	

(11)\T					TITL	E			STING			L	WL SHEET	DOCUMENT NO. 70715000	REV
CONDUCTOR	FIN		GAUGE (REF.)		OLOR REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINA	rion	ACCESS.		REMARKS	
20 ·	11	1	20	1	4		IIJ202	Υ -	13	J204	65	3			
21			1	$\top$	Ä		J204	66	9 4	IJ202	Z	13			
22	4		<b>A</b>		4		ПJ202	Z	13	J204	66	4			
23							J204	16	13	A4J205	21	19			
24							A3J205	18	19	J204	24	13			
25							J204	26	13	A3J205	21	19			
26		•					A4J205	18	19	J204	33	13			
27	П						J204	36	13	J206	E.	19			
28							J206	F	19	J204	37	13			
29							J204	39	13	J206	J	19			
30							J206	К	19	J204	40	13			
31	П			T	Т		J204	41	13	J206	L	19			
<b>3</b> 2	П						J206	Т	19	A3J205	25	19			
33	П						A3J205	32	19	TB203	1	32 (5	X		
34							TB203	3	32	A3J205	35	19			
35							A3J205	36	19	TB203	7	15 46	<b>&gt;</b>		
36		7	4		A		TB203	8	32	A4J205	36	19		January	
37			1				A4J205	35	19	TB203	4	32			
38	1	1	20		4		TB203	2	326	A4J205	32	19			

MINNEAP	·		TITLE		. WI	RE LI	ISTING				/L 70715000 K
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN	/T ::-	ACCESS. FIND NO.	DESTINATI	ON	ACCESS. FIND NO.	REMARKS
39	11	20	4		A4J205	25.	19	J206	~	19	
40	1	1			A3TB202	35	21(7)	A3TB202	33	21 (8)	
41	A	<b>A</b>			A3TB202	33	8	A3TB202	27	219	•
42					A3TB202	27	(9)	A3TB202	21	21 00	
43					A3TB202	21	(0)	A3TB202	15	21 ①	
44					A3TB202	15	11)	A3TB202	9	27	
45					A4TB202	35	21 (2)	A4TB202	33	21 (3)	
46					A4TB202	33	(13)	A4TB202	27	21 (4)	
47					A4TB202	27	14	A4TB202	21	21 🕓	
48					A4TB202	21	(3)	A4TB202	15	21 🜀	
49					A4TB202	15	16	A4TB202	9	27	
50					TB203	3	15 (7)	A23	46	29,30	7
51					A17	46	29,30	ТВ203	3	10	
52					TB203	3	15 🔞	A11	46	29,30	
53					B23	46	29,30	TB203	4	15 (19)	
·54					TB203	4	10	B17	46	29,30	-15
55			• 🗸	·	B11	46	29,30	TB203	4	15(51)	
56	Y	Y	1.		TB203	5	32	A29	46	29.30	
57	11	20	4		B29	46	29,30	TB203	5	32	•

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ट्राक्षभवा	Ral	NAMA.	TITLE				ICTING				WL	DOCUMENT NO.	REV.
	٠	. ]			V	VIKE L	ISTING			- 1	* * *	70715000	K
MINNEAPO	DLIS, MI	NNESOTA									SHEET	, OF	
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	IN	ACCESS. FIND NO.	DESTINA		ACCESS FIND NO		REMARKS	
58	11	20	4		TB203	5 .	32	A26	46	29,30			
59					B26	46	29,30	TB203	5	32			
60	1	1	<b>A</b>		TB203	6	32	A29	6	29,30		•	
61					B29	6	29,30	TB203	6	32			
62					TB203	6	32	A26	6	29,30	)		
63					B26	6	29,30	TB203	6	32	·		
64					TB203	7	15 20	A23	6	29,30			
65					A17	6	29,30	TB203	7	15 2	<b>)</b>		
66					TB203	7	<b>(2)</b>	A11	6	29.30	)		
67					B23	6	29,30	TB2 <b>03</b>	8	15 2	<b>&gt;</b>		
68					TB203	8	15.49	B17	6	29,30			
69					B11	6	29,30		8	(19)			
70					TB203	9	15 23	A23	48	29,30			
71					A17	48_	29,30	TB203	9	32			
72					TB203	9	15 24	A10	48	29.30			
73					B23	48	29,30	11	10	15 25	<b>&gt;</b>		
74	1	A	<b>V</b>		TB203	10	15 20	B17	48	29.30	)		
75	1	<u> </u>			B1 <b>O</b>	48	29,30	TB203	10	32			
76	11	20	4	}	TB203	13	15 27	IJ202	R	13	-		•

প্রাপ	1:(())	DATAN.	TI	TLE		DC 1.1	CTING			\	WL	DOCUMENT NO.	RCV.
[ ·	<b>.</b>				WII	KE LI	STING			L'	7	70715000	K
MINNEAP	OLIS, M	NNESO	A						A115 A175./		SHEET 6	OF	-
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLC (REF		ORIGIN		ACCESS. FIND NO.	DESTINAT		ACCESS. FIND NO.		REMARKS	
77 ·	11	20	4		TTJ202	R-	13	ТВ203	16	15 🕸			
78					A3TB202	36	27	A3TB202	6	21 (29)			
79		1	1		A3TB202	6	<b>2</b> 9	TB203	1	15 60		•	
80					TB203	1	<b>6</b>	A4TB202	6	21 (3)			
81			$\top \top$		A4TB202	6	3)	A4TB202	36	27			
82 -					TB203	4	(9)	B05	46	29,30	•	,	
83	$\Box$				В05	48	29,30	TB203	10	29			
84					TB203	3	18	A05	46	29,30			
85					A05	48	29,30	TB203	9	23			
86					A05	6	29,30	TB203	7	€6			
87			1	,	TB203	8	32	B05	6	29,30			
88		,	'		A26	48	29,30	TB203	9	32		2 -	
89	11	20	4		TB203	10	32	B26	48	29 <b>,30</b>		·	
90	12	24	4		A3TB204	1	22	J204	44	14			
91 :					J204	49	13 (32)	IJ202	v	14			
92		1			IIJ202	v		J204	49	(3)			
93 ·					J204 .	50	13 (3)	IJ202	w.	14			
94	T	Y	Y		□J202	W	14	J204	50	<b>63</b>			
95	12	24	4	·	J204	59	14	A4TB204	1	22			

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MINNEA			NNESOT	1	TITLE		WIF	RE LIS	STING				DOCUMENT NO. REV. 70715000 K SHEET 7 OF
CONDUCTO		ND IO.	GAUGE (REF.)		COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATION		ACCESS. FIND NO.	REMARKS
96	1	2	24		4		A3TP201	-	22	J204	67	14	
97		1	1		1		J204	70	14	A4TP201	-	22	
98	1		4		A		A3J205	39	20	A8	1	23,24	•
99							Α7	13	23,24	A3J205	23	20	
100							J204	4	14	B7	37	16,17	
101							B8	45	16,17	J204	5	14	·
102							J204	7	14	A8	45	16,17	
103							Α7	37	16,17	J204	8	14	
104							J204	10	14	J206	Z	20	
105							J206	CC	20	J204	22	14	
106							J204	15	14	A4J205	22	_20	
107							J206	Н	20	J204	25	14	
108							J204	27	14	A3J205	22	20	
109							A3J205	26	20	A8	2	16,17	
110							A8	1	16,17	A3J205	27	20	
111							A3J205	28	20	A3TB204	2	22	
112		<b>V</b>	W		4		A11	30	16,17	A3J205	37	20	
113					1		A3J205	38	20	A11	45	16,17	
114		2	24	١.	4		A14	1	16,17	A3J205	47	20	` .

MINNEAP						TITLE		WIF	RE LIS	STING			L	W L SHEET	70715000 8 of	KEV.
CONDUCTOR		IND NO.	GAI (R	JGE EF.)	CO (R	LOR	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	N	ACCESS	i.	REMARKS	
115	-	12		24		4		A3J205	50	20	A14	8	16,1	7		
116	T				Π	1		A17	16	16,17	A3J205	51	20			
- 117	T	A		1	1	4	·	A3J205	52	20	A14	20	16,17		· •	
118	T	1	1					A14'	42	16,17	A3J205	53	20			
119	T	Τ			Γ			A3J205	54	20	A14	37	16,17	,		
120	T	T						A14	36	16,17	A3J205	55	20			
121								A3J205	56	20	A15	42	16,17	<u>,  </u>		
122	Ţ							A15	45	16,17	A3J205	57	20			
123								A3J205	58	20	A15	9	16,17	<u>'                                    </u>		
124	T	T			Г			A15	- 29	16,17	A3J205	59	1			
125	T			T	Γ			A3J205	60	20	A15	24	16,17	'		
126	T			T				A15	13	16,17	A3J205	62	20			
127	T							A3J205	63	20	A15	-22	16,17	,		
128	T	T		T	Γ	T		A15	40	16,17	A3J205	64	20		·	
129	1		$\top$	1				A3J205	65	20	A15 .	33	16,17	7		
130	7	$\top$						A15.	14	16,17	A3J205	66	20			
131	T	¥		1		-		A3J205	67	20	A15		16,17	7		
132	T			1		T		A15	34		A3J205	70	20	·		i 
133	T	12		24		4		A3J205	71	20	A15	12	16,1	7	•	

MINEAPO	· · ·	MATA NNESOTA	TITLE		WI	RE LI	STING				WL	DOCUMENT NO. 70715000 9 OF	K REV.
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN	7	ACCESS. FIND NO.		ON	ACCES:		REMARKS	,
134	12	24	4		A15	21-	16,17	A3J205	72	20			
135					A3J205	73	20	A15	20	16,1	7		
136		1	4		A15	38	16,17	A3J205	74	20			
137					A3J205	75	20	A15	36	16,1	7		
138					A15	16	16,17	A3J205	76	20			<del></del>
139	Ц_				A3J205	77	20	A15	17	16,1	7		
140					A15	25	16,17	A3J205	78	20			
141					A4J205	39	20	B8	1	16,17	7		
142					B7	13	16,17	A4J205	23	20			
143					A4J205	24	20	J206	d	20			
144					A4J205	26	20	B8	2	16,17	7		
145					B8	1	16,17	A4J205	27	20	1		
146					A4J205	28	20	A4TB204	2,	22			
147					B11	30	16,17	A4J205	37	20		:	
148					A4J205	38	20	B11	45	16,17	,		
149					B14	1	16,17	A4J205	47	20			
150					A4J205	50	20	B14	8	16,17	,		
151	<u>'</u>	7	1		B17	16	16,17	A4J205	51	20			
152	12	24	4 .		A4J205	52	20	B14	20	16,17	,		

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त्रभाग	RO		NEW	TITLE	•							14/1	DOCUMENT NO.	REV.
	-,					.WI	RE LI	STING				WL	70715000	K
MINNEAPO	OLIS,	MIN	NESOTA		· · · · · · · · · · · · · · · · · · ·							SHEET	10 OF	
CONDUCTOR	FINE NO.		GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.		ION	ACCES FIND N		REMARKS	
153	12		24	4		B14	42-	16,17	A4J205	53	20			
154	1		A	A		A4J205	54	20	B14	37	16,1	7		
155			A	4		B14	36	16,17	A4J205	55	20	٠	· •	
156						A4J205	56	20	B15	42	16,1	7		
157	Ш					B15	45	16,17	A4J205	57	20			
158						A4J205	58	20	B15	9	16,1	7		
159	Ш	$\perp$				B15	29	16,17	A4J205	59	20			
160 ·	Ш	$\perp$				A4J205	60	20	B15	24	16,1	7		
161	Ш	$\perp$				B15	13	16,17	A4J205	62	20			
162	Ш		·			A4J205	63	20	B15 ·	22	16,1	7		
163	Ш	$\perp$				B15 '	40	16,17	A4J205	64	20			
164						A4J205	65	20	B15	33	16,1	7		
165	Ш					B15	14	16,17	A4J205	66	20			
166						A4J205	67	20	B15	28	16.1	7		
167						B15	34	16,17	A4J205	70	20			
168						A4J205	71	20	B15	12	16,1	7		
169						B15	21	16,17	A4J205	72	20			
170	T		Y	T		A4J205	73	20	B15	20	16,1	7 .		
171	12	T	24	4		B15	38	16,17	A4J205	74	20			

MINNEAPO				TIT	rLE		WIF		STING				W L	70715000	
CONDUCTOR	FIND NO.		AUGE REF.)	COLC (REF		LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	N	ACCESS FIND NO		REMARKS	
172	12		24	4			A4J205	75	20	B15	36	16,17	,		
173	1		1				B15	16	16,17	A4J205	76	20			
174	1		4	A			A4J205	77	20	B15	17	16,17	7	•	
175							B15	25	16,17	A4J205	78	20			
176		$\perp$					J206	В	20	A17	34	16,17	,		
177							A17	08	16,17	J206	D	20			
178							J206	С	20	TB203	3	32 (34			
179							TB203	1	32 (3)	J206	U	20			
180		$\perp$					J206	<u>v</u>	20	A19	1	16,17	7		
181							A19	20	16,17	J206	W	20			
182							J206	X	20	A19	33	16,17	7		
183		$\perp$					A19	45	16,17	J206	Υ	20		1.	
184							J206	P	20	A3TB204	3	22			
185							A4TB204	3	22	J206	ŧ	20			
186							J206	h	20	B17 .		16,17	7		
187		I					B17		16,17	J206	ē	20			
188	4					,	J206	f	20	TB203	4	32 (36	<b>&gt;</b>		
189	1		Y	1			TB203	2	32 37	J206	×	20			
190	12		24	4			J206	ÿ	20	B19	1	16,17	7		

្នាសា	A SY	1:	avienii l	TITL	E								DOCUMENT NO.	REV.
	1.50	11.	197241121   			WI	RE LI	STING				WL	70715000	K
MINNEAPO	ous	, Mi	NNESOTA		<del></del>			3-14-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-				SHEET	12 OF	
CONDUCTOR	FII		GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.			ACCESS		REMARKS	,
191	1:	2	24	4		B19	20	16,17	J206	Z	20			
192						J206	AA	20	B19	33	16,17			
193	4	,	A	<b>A</b>		B19	45	16,17	J206	BB	20		•	
194	П					A3TB202	7	21,48	A3TB202	2	27			
195						A3TB202	5	21 (38)	A3TB202	1	27			
196						A3TB202	30	27	A3TB202	31	27			
197						A3TB202	24	27	A3TB202	25	27			
198						A3TB202	18	27	A3TB202	19	27			
199						A3TB202	12	27	A3TB202	13	27			
200						A3TB202	34	27	A3TB202	31	27			
201						A3TB202	28	27	A3TB202	25	27			
202						A3TB202	22	27	A3TB202	19	27			
203						A3TB202	16	27	A3TB202	14	27			
204						A3TB202	5	€ 39	A3TB202	8	27		::	
205	Ī					A3TB202	7	<b>(</b> 8)	A3TB202	10	27		-	
206						A4TB202	7	21.49	A4TB202	2	27		-	
207	Ι.			1	·	A4TB202	5	21 (39	i	1	27		•	
208	Γ		7			A4TB202	30	27	A4TB202	31	27		•	
209	1	2	24	4		A4TB202	24	27	A4TB202	25	27			

MINNEAPO	 `. <del></del> .		Ti	TLE			RE LI	STING				WL SHEET	70715000 13 of	REV.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLO		LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	ON	ACCES!		REMARKS	
210	12	24	4			A4TB202	18	27	A4TB202	19	27			
211	A		1	·		A4TB202	12	27	A4TB202	13	27			
212	<b>A</b>	1		,	•	A4TB202	34	27	A4TB202	31	27		•	
213						A4TB202	28	27	A4TB202	25	27			
214						A4TB202	22	27	A4TB202	19	27			
215						A4TB202	16	27	A4TB202	14	27			
216						A4TB202	5	39	A4TB202	8	27			
217						A4TB202	7	<b>(19</b> )	A4TB202	10	27			
218						TB203	1	(5)	A3TP200		22			
219						A3TP203	_	22	TB203	3	<b>3</b>			
220						TB203	2	6	A4TP200	_	22			
221						A4TP203		22	TB203	4	<b>39</b>			
222						TB203	7	<b>20</b>	A3TP204		22			
223						A3TP202	_	22	TB203	9	23			
224						TB203	8	<b>Q</b>	A4TP204	_	22			
.225						A4TP202	_	22	TB203	10	23			
226		1		7		TB203	13	15 🕏	IJ202	N	14			
227	7					<b>1</b> J200	80	20	TB203	13	52 <b>(</b> 1)			
228	12	24	4	•		TB203	13	€	IJ201	80	20			

(ang	70	2050	TITLE	:							DOCUMENT NO. REV.
2016	1701.	13/21/221			WII	RE LI	STING			1	WL 70715000 K
MINNEAPO	DLIS, M	NNESOTA									SHEET 14 OF
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	N.	ACCESS. FIND NO.	
229	12	24	4		A30	2 ·	16,17	TB203	13	32 🚯	
230	. 1	1			TB203	13	<b>4</b> )	A30	50	16,17	·
231	1		1 .		IIJ202	N	14	TB203	16	<b>23</b>	
232					TB203	16	32 42	ПJ200	80	20	
233					<b></b>	80	20	TB203	16	<b>42</b>	
234				·	TB203	16	32 (43)	В30 .	2	16,17	·
235	П			·	B30	50	16,17	TB203	16	<b>43</b>	
236					TB203	1	(3)	A3TB204	.7	22	·
237	П				A3TB204	4	22	A14	45	16,17	
238			T  -		B14	45	16,17	A4TB204	4	22	
239					A4TB204	7_	22	TB203	2	<b>③</b>	
240					A3TB202	36	27	A3TB202	37	27	, , , , , , , , , , , , , , , , , , ,
241					A4TB202	36	27	A4TB202	37	27	
242	П				A22	25	16,17	A3J205	40	20	
243	$\Pi$				A3J205	41	20	A22	18	16,17	,
244	$\Pi$				B22 .	25	16,17	A4J205	40	20	
245					A4J205	41	20	B22	18	16,17	
246	7	7	1		A3J205	24	20	J206	A	20	
247	12	24	4		A4S202	3	22	B17	9	16,17	7

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CCNDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINAT	ION	ACCES FIND N	s.		,		
248	12	24	4		A3S202	2 -	22	A17	33	16,1	7 :.				
249					A3S202	3		A17	9	1					
250	<b>A</b>	1	<b>A</b>		A3S202	4	7	A17	26						
251					A3S202	5		A17	5			·	•		
252	1				A4S202	С		B17	32		· .	·			
253	٧.	Υ	,		A4S202	1		B17	44	1					
254	12	24	4		A4S202	2	22	B17	33	16,1	7				
255	10	16	4		A3J205	1	18	TB203	3	15					
256					TB203	7	15	A3J205	2	18					
257	<b>A</b>	A	<b>A</b>		A3J205	3	18	J204	21	9					
258					A3J205	20	18	TB203	1	34,5	9				
259					TB203	1	<b>50</b>	J204	1	9		:			
260					J204	2	9	TB203	1	15					
261					TB203	2	15	J204	3	9					
262					J204	11	9	TB203	6	15					
263					TB203	5	15	J204	12	9	•				
264	1				J204	13	9	TB203	9	15					
265	7	7	1		TB203	10	15	J204	14	9			·		
266	10	16	4		J204	17	9	A3TB202	35	21	1				

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CONDUCTOR	FIND NO.	GAUGI (REF.		COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	N	ACCES		REMARKS.	,			
267	10	16		4		TB203	3 -	15	J204 ·	18	9						
268				<u> </u>		J204	20	9	TB203	4	15						
269	A	<b>A</b>		A		TB203	7	15	J204	28	9		•				
270						J204	29	9	TB203	8	15		<del>.</del> .				
271						A4J205	3	18	J204	30	9		,				
272						J204 '	35	9	A4TB202	35	21		•				
273						TB203	4	15	A4J205	1	18						
274						A4J205	20	18	TB203	2	15						
275						TB203	1	15	TOP BUSS BA	k —	23,2	4					
276	1					MIDDLE BUSS BAR	_	23,24	14	2 .	<b>(53)</b> 3	4					
277	Y	V		Y		ТВ203	2	(52)	BOTTOM BUSS BAR		23,2	4					
278	10	16		4		TB203	8	15	A4J205	2	18		-				
279	12	24		4		A3S201	1	16	A17	41	16,1	7					
280	1			1		A45201	1	16	B17	41			•,				
281				<b>A</b>		A3DS200	В	27	A17 ::	42							
282	$\coprod$					A4DS200	В	27	B17	42							
283	1	V		. 7		A3S202	С	22	A17	32	<b>Y</b>						
284	12	24		4		A3S202	1	22	A17	44	16,1	7					
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					Wil	RE LI	STING			Į	***	7071500Ò	K	
MINNEAPO	DLIS, MI	NNESOTA		<del>,</del>							SHEET 17 OF			
CONDUCTOR	FIND NO.	GAUGE (REF.)	GOLOR (REF.)	LENGTH (APPROX)			ACCESS. FIND NO.	DESTINAT		ACCES		REMARKS		
285	25	24			,									
285A			0		A3J205	4	20	A3TB202	35	7				
285B			4		A3J205	8	20	A3TB202	37	27				
286	25	24												
286A			0		A3TB202	9	27	A3J205	5	20				
2868			4		A3TB202	7	27	A3J205	10	20				
287	25	24												
287A			0		A3J205	7	20	A3TB202	15	27				
287B		_	·4		A3J205	11	20	A3TB202	11	27				
288	25	24												
288A			0		A3TB202	21	27	A3J205	12	20				
288B			4		A3TB202	17	27	A3J205	15	20		:		
289	25	24												
289A			0		A3J205	13	20	A3TB202	27	27		·		
289B			4		A3J205	16	20	A3TB202	23	27				
290	25	24								1				
290A			. 0	·	A3TB202	33	27	A3J205	14	20				
290B			4		A3TB202	29	27	A3J205	17_	20				
	<u> </u>	<u> </u>	<u> </u>					Ĺ		1				

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MINNEAPO	DUS, MI	NNESOTA								SHEET	18 OF	
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	N	ACCESS. FIND NO.	REMARKS .	·
291	25	24			•	•						
291A					A3J205	31	20	A11	25	16,17		
291B			4		A3J205	34	20	A11	24	16,17	• •	
292	25	24										
292A			0		IJ202	K	14	A3J205	45	20		
292B			4		TJ202	М	14	A3J205	46	20		
293	25	24			-							
293A			0		A3J205	48	20	IIJ202	K	14		
293B	:		4		A3J205	49	20	∏J202	М	14	-	
294	25	24						,,,		·	una.	
29 <b>4</b> A			0		A4J205	4	20	A4TB202	35	(2)		
294B			4		A4J205	8	20	A4TB202	37	27		
295	25	24										
295A			0		A4TB202	9	27	A4J205	5	20	``	
295B			4		A4TB202	7	27	A4J2Q5	10	20	-	
296	25	24									<u></u>	
296A			. 0		A4J205	7	20	A4TB202	15	27		
296B			4'		A4J205	11	20	A4TB202	11	27		
	-											

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1	- '-'				WI	RE LI	STING				WL	70715000	Κ
MINNEAPO	DLIS, MI	NNESOTA									SHEET	20 OF	
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)			ACCESS. FIND NO.	DESTINATIO		ACCES FIND N		REMARKS	
303	25	24				-							
303A			0		A7	1	16,17	A3TB202	20	27			
303B			4	•	A7	5	16,17	A3TB202	18	27		·. •	
304	25	24			1							•	
304A			0		A3TB202	14	27	A7	18	16,1	7	·	
304B			4		A3TB202	12	27	A7	17	16,1	7		
305	25	24								1			
305A			0		A7	28	16,17	A3TB202	32	27			
305B			4		Α7	29	16,17	A3TB202	30	27			
306	25	24											
306A			0		A3TB202	26	27	A7	44	16,1	7		
306B			4		A3TB202	24	27	Α7	45	16,1	7		
307	25	24											
307A			0		В7	1	16,17	A4TB202	20	27		*:	
307B			4		B7	5	16,17	A4TB202	18	27			
308	25	24											
308A			0		A4TB202	14	27	В7		16,1			
308B			4		A4TB202	12	27	В7	17	16,1			
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MINNEAPO	-werenter	GAUGE	COLOR	LENGTH			ACCESS.		- Z-Z-A	ACCESS	1	19 OF	
IDENT.	NO.	(REF.)	(REF.)	(APPROX)	ORIGIN		FIND NO.	DESTINATIO	N	FIND NO		REMARKS	
297	25	24				-							
297A			. 0		A4TB202	21	27	A4J205	12	20			
· 2978			4		A4TB202	17	27	A4J205	15	20		•	
298	25	24											
298A			0		A4J205	13	20	A4TB202	27.	27			
298B			4		A4J205	16	20	A4TB202	23	27			
299	25	24			1			.,					
299A			0		A4TB202	33	27	A4J205	14	20			
299B			4		A4TB202	29	27	A4J205	17	20			
300	25	24						į.					
300A			0		A4J205	31	20	B11	25	16,17	7		
3C0B			4		A4J205	34	20	B11	24	16,17	7		
301	25	24											
301A			0		IJ202	KK	14	A4J205	45	20		- 1	
301B			4		IJ202:	MM ·	14	A4J205	46	20			
302	25	24						Ü					
302A			. 0		A4J20Š	48	20	IIJ202	KK	14			;
302B			4.		A4J205	49	20	IIJ202	ММ	14			
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FORM AA 1669

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MINNEAPO	DUS, MI	NNESOTA		,			<del>.,,</del>		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	لــــــان	SHEET	210F	
CONDUCTOR IDEN T.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATI		ACCES FIND N		REMARKS	
309	25	24			·						_		
3094			<u> </u>		B7	28_	16.17	A4TB202	32	_27_			
. 309B			4		.B7	29	16,17	A4TB202	30	27	_	•	
310	25	24								<b></b>			
310A	<u> </u>		0		A4TB202	26	27	B7	44	16.1	7		
310B			4		A4TB202	24	27	B7	45	16,1	7		
311	12 -	24	4		A4S202	4	22	B17	26	16,1	7		
312	12	24	4 .		J206	Ь	20	A18	42	16,1	7	•	
313	.12	24	4		J206	EE	20	B18	42	16,1	7		
315	28	20											
315A			SHIELD		A3J205	29	19	_A11	28	29.3	1	·	
315B			0		A3J205	30	19	A11	26	29,3	0		
315C			2		A3J205	33	19	A11	18	29,3	0		
316	28	20				ļ				-	_		
316A			SHIELD		A4J205	29	19	B11	28	29.3	1		
316B			0		A4J205	30	19	B11	26	29,3	0		
316C			2		A4J205	33	19	B11	18	29,3	0		
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L	<u> </u>	<u> </u>	<u> </u>				<u> </u>			1			

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anna	स्ता	MAN .	TITLE		WI	RE L	ISTING				WL	DOCUMENT NO. 70715000	RE
MINNEAPO	DUS. M	NNESOTA								}	SHEET	22 0F23 - 3	<u> </u>
	<u> </u>			·		-	1		C2	i l		22 0. 20 2 3	-
IDENT.	FIND NO.	GAUGE (REF.)	(REF.)	LENGTH (APPROX)	ORIGIN		FIND NO.	DESTINAT	ION	ACCESS		REMARKS	
320 -	33	24								9			
320A			SHIELL		A3J205	79	19 44	A22	10	36,3 16,1	7		
320B			9		A3J205	80	20ر2ا	A22	5	16,1	7 ·		
321	33	24											
321A			SHIELD		A22	8	36, 37 16, 17	A3J205	79 -	3443	7		
321B			9		A22	9	16,17	A3J205	82	.20,1	2		
322	33	24			:			i.					
322A			SHIELL		A4J205	79	36,37 19 43	B22	:10	36,37 [6,1]	7		
322B			9		A4J205	1	12,20	B22	5	16,1	7		
323	33	24											
323A			SHIELL		B22 ·	8	36,37 16,17	A4J205	79	36 3 3	7		
32 <b>3</b> B			9		B22 .	9	16,17	A4J205	82	20,1	2		
324	11	20	4		A29	48	29,30	TB203	9	32			
325	11	20	4		TB203	10	32	B29	48	29.3	0		
326	12	24	4		A3J205	42	20	TB20 <u>3</u>	2	€			
327		1			A4J205	42	4	TB203	2	<b>47</b> ) 3.	5		
328		I	·I		A3J205	43	V	J206	a	20			:
329	1	Y	1		A4J205	43	20	J206	DD	20	1	•	
330	12	24	4		A45202	05	22	817 ⁻	5	16,1	7 -		

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FORM AA 1669

CONTROL ()	AVA	-3	NORMAN	DALE	OP 3	RATIONS			DE IDE 9333	NT ?	SHE	ET 23 OF 23		WL	DOCUMENT NO.	REV.
CONDUCTOR IDENT.	FIN		GAUGE (REF.)	COLC (REF.		LENGTH	ORIG	ız		ACCESS FIND NO		DESTINATIO	7	ACCESS FIND NO.	REMARKS	
331	12		24	4			A3TB202		39	21 (53)		A3S200	A1	22		
332	-		À	1			A3TB202		39	<b>53</b>		A18	28	16,17		
333							A3TB202		38	27	T	A25	26	16,17		
334							A3TB202		40	27	I	B25	26	16,17		
335							A4TB202		39	21 (54)	I	A4S200	A1	22		
336							A4TB202		39	(54)	I	в18	28	16,17		
337			1	1			A4TB202	-	38	27		A25	34	16,17		
338	12		24	4			A4TB202		40	27		B25	34	16,17		
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TAROPROD		(Co		ns)		CDDE ID	SI	HEET		WL	SOCIEMENT NO.	MV.
ONDUCTOR IDENT.	-FIND NO.	GAUGE (REF.)		LENGTH (APPROX)	ORIG	iin	ACCESS	DESTINATIO	и	ACCESS FIND NO	REMARKS	•
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			ļ				<u> </u>		ļ			
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	l .	1	١,٠	l	<u> </u>					1	<u> </u>	

70602500 В

				AV.	1	PRO	_	T			CHASSIS HARNESS ASSY	WL.	7.	DOCUMENT 297/100		N
INN	EAP	HIS.	MINE	ESO	rA.			M	ULTIP	LE DISK D	RIVE	SHEE	T 1	OF 23	}	
	R	EVISI	ON 51	TATUS	OF SI	HEET	3				REVISIONS					
									REV.	ECO	DESCRIPTION	D	RFT.	DATE	CHKD.	APPO.
$\prod$									Α		RELEASED			1127.61		
$\perp$				$\perp$					В	PM4660	SEE CO		DB	2.18.69	177	206
									С	PM 5578	SEE CO	(	٠٧	7-10-69	DC4	7-18
									D	PM 5578A	SEECO		٠٧	7-10-69	MCH	7-18
									E	PE 11118	SEE CO	1	)s	9.17.69	97	9.18-9
					$\prod$		$oxed{oxed}$		F	IIII8 A	DWG NO WAS 40017600	נ	DC.		97 12/18	I-R
									G	PE 11451	ADDED NOTE 3 & CHG WL		DC		97	II.
$\perp$							$\perp$		Н	PE11444	CHG WL 320 A / 322 A	]:	DC	3/31/20	97	I
									J	PE11290	ADDED 331 - 338	7	<b>)</b> C	3/3//70	97	I-R
$\perp$	_						$\perp$		K		CHG NOTE 3 / WL	13	DC.	3/31/70	97	工
$\perp$	$\perp$	Ш				$\perp$			L	PE21296	DWE NO. WAS 70715000	1	20	6/26/70		z-k
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1	_		_		Ш	4		_	N	PE21594	CHE WIRE GAUGE SHT 23		ΕW	10-12-76	49	Ŧ
$\bot$	_		$\perp$	_		$\perp$	$\perp$									
_	$\perp$	$\sqcup$	_	$\bot$		4	$\perp$									
	1_	$\perp \perp$	L						<i>:</i>	L		L				

CONFI			· -		TI	TLE		w	IRE L	ISTING				WL SHEET	DOCUMENT NO. 7297/100	N
CONDUCTOR		ND IO.	GAUG (REF		COLC (REF		LENGTH APPROX)	ORIGI		ACCESS. FIND NO.	DESTINATION		ACCESS FIND NO		REMARKS	,
1 .	1	1	20		4			J204	42-	13	J206	М	19			
2								J206	N	19	J204	43	13			
3	Ľ		1		4			J204	45	13	J206	R	19		•	
4		·			·			J206	s	19	J204	46	13			·
5							į	J204	48	9 ①	IJ202	U	13			
6								IIJ202	U	13	J204	48	0	·		
7								J204	51	13	J206	j	19			
8								J206	k	19	J204	52	13			
9	Ŀ							J204	53	13	J206	НН	19			
10								J206	m	19	J204	54	13			
11								J204 ·	55	13	J206	n	19			
12								J206	P	19	J204	56	13			
13		Ш						J204	57	13	J206	r	19			
14								J206	<u>s</u>	19	J204	58	13			
15								J204	60	13	J206	l u	19			
16								J206	~	19	J204	62	13			
17								J204	64	9 (2)	IJ202	X	13			
18	1	_	,		,			<b>II</b> J202	X	13	J204	64	2		•	
19	1	1	20	ı	4		Ä	J204	65	9 (3)	IJ202	Y	13			

MINNEAP			1				STING			Ľ	WL 72971100 N SHEET 3 OF
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINA	TION	ACCESS. FIND NO.	
20	11	20	4		IIJ202	γ -	13	J204	65	3	
21	1	1			J204	66	9 4	IJ202	ž	13	
22	1	1	11		IIJ202	Z	13	J204	66	4	•
23					J204	16	13	A4J205	21	19	
24					A3J205	18	19	J204	24	13	
25					J204	26	13	A3J205	21	19	
26					A4J205	18	19	J204	33	13	
27					J204	36	13	J206	E	19	
28					J206	F	19	J204	37	13	
29	П				J204	39	13	J206	J	19	
30					J206	K	19	J204	40	13	
31					J204	41.	13	J206	L	19	
32					J206	Т	19	A3J205	25	19	
33					A3J205	32	19	TB203		32 (5	
34					TB203	3	32	A3J205	35	19	
35					A3J205	36	19	TB203	7	15 66	<b>Y</b>
36			V		TB203	8	32	A4J205	36	19	<i></i> •
37					A4J205	35	19	ТВ203	4	32	
38	11	20	4		TB203	2	326	A4J205	32	19	•

	MINNEAP	•					TLE		W1	RE LI	STING				WL SHEET	72971100	REV.
٠,	CONDUCTOR IDENT.		ND NO.	GAU (RE	GE F.)	COL	OR F.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATI	ON	ACCES:		REMARKS	
•	<b>39</b>		11	2	0	4	<b>.</b>		A4J205	25.	19	J206	=	19			
	40		L				\		A3TB202	35	21(7)	A3TB202	33	21(8			
	.41			1					A3TB202	33	(8)	A3TB202	27	21(9		•	
	42								A3TB202	27	(9)	A3TB202	21	21 (			
	43								A3TB202	21	(0)	A3TB202	15	21 (			
	44								A3TB202	15	0	A3TB202	9	27			
	45								A4TB202	35	21 (2)	A4TB202	33	21 (	3		
	46								A4TB202	33	(13)	A4TB202	27	21 (	1		
	47								A4TB202	27	13	A4TB202	21	21 (			
	48		T						A4TB202	21	13	A4TB202	15	21 (			
	49								A4TB202	15	16	A4TB202	9	27			
	50								TB203	3	15 📆	A23	46	29,3	0		
	51								A17	46	29,30	TB203	3	1			•
	52								TB203	3	15 (18)	A10	46	29,30	0		
	53		I						B23	46	29,30	TB203	4	15 (	3		
	·54	L	I						TB203	4	19	B17	46	29,3			
	55							·	B10	46	29,30	TB203	4	1560	13		
	56		Y				·		TB203	5	32	A29	46	29.30	1		
	57	1	11	20	ַ (כ	4	•		B29	46	29,30	TB203	5	32	1	,	

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(IN)			TITLE		,	WIRE L	ISTING				WL	72971100	N
CONDUCTOR		GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	IIN	ACCESS.	DESTINA	ATION	ACCES!	s.	REMARKS	
58	11	20	4		TB203	5	32	A26	46	29,30	<del> </del>		
59		1			B26	46	29,30	TB203	5	32		······································	
60	1	1	1		TB203	6	32	A29	6	29,30	o ·	•	
61					B29	6	29,30	TB203	6	32			
-62	П				TB203	6	32	A26	6	29,30	0		
63					B26	6	29,30	TB203	6	32			
64		П			TB203	7	15 20	A23	6	29,30	0		
65					A17	6	29,30	TB203	7	15 @			
66					TB203	7	27)	A10	6	29,30			
67					B23	6	29,30	TB203	8	34.6			
68	П				TB203	8	15.49	B17	6	29,30			
69				,	B1O =	6	29,30	TB203	8	(9			
70	П				TB203	9	15 23	A23	48	29,30	)		
71	П				A17	48	29,30	TB203	9	32			
72					TB203	9	15 24	A10	48	29.30			
73					B23	48	29,30	TB203	10	15 6			
74		1	T.		TB203	10	15 20	B17	48	29,30			
75					B1 <b>0</b>	48	29,30	TB203	10	32		•	
76	11	20	4		TB203	13		IJ202	R	13	T		

FFK(I)	:	- 34	TITLE	<b>I</b>	WIF	RE LI	STING				WL SHEET	72971100	NEV.
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINAT	ION	ACCES		REMARKS	
77	11	20	4		11J202	R٠	13	TB203	16	15 Q	•		
78	1				A3TB202	36	27	A3TB202	6	21 6	•		
79	1	1	1		A3TB202	6	29	TB203	1	15 3	>	. •	
80					TB203	1	<b>€</b> ò	A4TB202	6	21 3			
81					A4TB202	6	<b>1</b>	A4TB202	36	27			
82					TB203	4	50	B05	46	29,30	)		
83					B05	48	29,30	TB203	10	20			
84					TB203	3	18	A05	46	29,30	)		
85					A05	48	29,30	TB203	9	2			
86					A05	6	29,30	TB203	7	€			
87	T		V		TB203	8	(23)	B05	6	29,3	0		
88	_		1		A26	48	29,30	тв203	9	23	_		
89	11	20	4		TB203	10	23	B26	48	29,3	0		
90	12	24	4		A3TB204	1	22	J204	44	14			
91					J204	49	13 32	IJ202	v	14			
92		1			IIJ202	·V	14	J204	49	63			
93					J204	50	13 (3)	IJ202		14		<u></u>	
94	Y		1		IIJ202		14	J204	50	€9			
95	12	24	4		J204	59	14	A4TB204	1.1	22		·	

(त्रिश्रम	ROL	NAN	TITLE		WIF	RE LI	STING				W	72971100	O. REV.
MINNEAP	1				Acon La La La La La La La La La La La La La	Mark II						T7 OF	
IDENT.	NO.	GAUGE (REF.)	(REF.)	(APPROX)	ORIGIN		FIND NO.	DESTINATIO	N.	ACCES FIND N		. REMARKS	
96	12	24	4		A3TP201		22	J204	67	14			
97	<b>A</b>	<u> </u>	1		J204	70	14_	A4TP201	-	_22			
98			-		A3J205	39	20	A8	1	23,2	4	•	
99	+	├-├-			A7	13	23,24		23	20	-		
100	+				J20 <b>4</b> B8	45	16,17	B7 J204	37 5	16,1	7		
102	++-		$\vdash$	1	J204	7	14	A8	45	16,1	7		
103	++-	<del>                                     </del>	+-		A7	37	16,17	J204	8	14	+-		
104	$\dagger \dagger$				J204	10	14	J206	Z	20	1		
105	$\dagger \dagger$	- -			J206	CC	20	J204	22	14	1	· · · · · · · · · · · · · · · · · · ·	
106	11		$\Pi$		J204	15	14	A4J205	22	20	1		
107					J206	Н	20	J204	25	14			
108					J204	27	14	A3J205	22	20			
109					A3J205	26	20	A8	2	16,1	7		
110					AB	1	16,17	A3J205	27	20			
111	Ш.		-		A3J205	28	20	A3TB204	2	22			
112	*	<b>V</b>	<b>—</b>	ļ	A11	30	16,17	A3J205	37	20	_		<del></del>
113	<del> </del>	<u> </u>	'-	-	A3J205	38	20_	A11	45	16.1	7		
114	12	24	4	11	A14	1	116, 17	A3J205	47	20	- 1		
			TITLE									DOCUMENT NO	a. REV.
COOLS		NNESOTA	TITLE		WIF	RE LI	STING				WI	72971100	a. REV.
	OLIS, MI				WIF	RE LI	STING ACCESS.	DESTINATIO	N	ACCES	SHEE	72971100	
MINNEAP	OLIS, MI	NNESOTA	COLOR	LENGTH		RE LI	ACCESS	DESTINATIO	N 8		SHEE s. o.	72971100 T 8 0F	
MINNEAP CONDUCTO IDENT.	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	ORIGIN	50	ACCESS. FIND NO.			FIND N	SHEE s. o.	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT.	POLIS, MI	GAUGE (REF.)	COLOR (REF.)	LENGTH	ORIGIN A3J205	50 16 52	ACCESS. FIND NO. 20 16,17	A14 A3J205 A14	8 51 20	16, 20 16,1	SHEE s. o.	72971100 T 8 0F	
MINNEAP CONDUCTO IDENT. 115 116	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	ORIGIN A3J205 A17 A3J205 A14	50 16 52 42	ACCESS. FIND NO. 20 16,17 20 16,17	A14 A3J205 A14 A3J205	8 51 20 53	16, 20 16,1 20	SHEE S. O.	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT. 115 116 117 118 119	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	ORIGIN A3J205 A17 A3J205 A14 A3J205	50 16 52 42 54	ACCESS. FIND NO. 20 16,17 20 16,17 20	A14 A3J205 A14 A3J205 A14	8 51 20 53 37	16,1 20 16,1 20 16,1	SHEE s. o. 117	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT. 115 116 117 118 119 120	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	ORIGIN A3J205 A17 A3J205 A14 A3J205 A14	50 16 52 42 54 36	ACCESS. FIND NO. 20 16,17 20 16,17 20 16,17	A14 A3J205 A14 A3J205 A14 A3J205	8 51 20 53 37 55	16,1 20 16,1 20 16,1 20 16,1	SHEE s. o. 117	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT. 115 116 117 118 119 120	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	ORIGIN A3J205 A17 A3J205 A14 A3J205 A14 A3J205	50 16 52 42 54 36 56	ACCESS. FIND NO.  20 16,17  20 16,17  20 16,17  20 16,17	A14 A3J205 A14 A3J205 A14 A3J205 AL5	8 51 20 53 37 55 42	16, 1 20 16, 1 20 16, 1 20 16, 1	SHEE s. o. 117	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT. 115 116 117 118 119 120 121	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	ORIGIN A3J205 A17 A3J205 A14 A3J205 A14 A3J205 A15	50 16 52 42 54 36 56 45	ACCESS. FINO NO. 20 16,17 20 16,17 20 16,17 20 (6,17	A14 A3J205 A14 A3J205 A14 A3J205 A15 A3J205	8 51 20 53 37 55 42 57	16,1° 20 16,1° 20 16,1° 20 16,1° 20 16,1° 20	SHEE s. o. 177 7	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT. 115 116 117 118 119 120 121 122 123	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	ORIGIN  A3J205  A17  A3J205  A14  A3J205  A14  A3J205  A15  A3J205	50 16 52 42 54 36 56 45	ACCESS. FIND NO. 20 16,17 20 16,17 20 16,17 20 16,17 20	A14 A3J205 A14 A3J205 A14 A3J205 A15 A3J205 A15	8 51 20 53 37 55 42 57	16,1 20 16,1 20 16,1 20 16,1 20	SHEE	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT.  115 116 117 118 119 120 121 122 123 124	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	ORIGIN  A3J205  A17  A3J205  A14  A3J205  A14  A3J205  A15  A3J205  A15	50 16 52 42 54 36 56 45	ACCESS, FIND NO.  20 16,17 20 16,17 20 16,17 20 16,17 20 16,17	A14 A3J205 A14 A3J205 A14 A3J205 A15 A3J205 A15 A3J205	8 51 20 53 37 55 42 57 9	16, 1 20 16, 1 20 16, 1 20 16, 1 20 16, 1	SHEE s. o. o. 117 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT. 115 116 117 118 119 120 121 122 123 124 125	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	ORIGIN A3J205 A17 A3J205 A14 A3J205 A14 A3J205 A15 A3J205 A15 A3J205	50 16 52 42 54 36 56 45 58 29 60	ACCESS. FIND NO. 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17	A14 A3J205 A14 A3J205 A14 A3J205 AL5 A3J205 A15 A3J205 A15	8 51 20 53 37 55 42 57 9 59	16, 1 20 16, 1 20 16, 1 20 16, 1 20 16, 1 20 16, 1	5HEE 5,0,0,0,17 7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT.  115 116 117 118 119 120 121 122 123 124 125 126	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	A3J205 A17 A3J205 A14 A3J205 A14 A3J205 A15 A3J205 A15 A3J205 A15 A3J205 A15	50 16 52 42 54 36 56 45 58 29 60	ACCESS. FIND NO. 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17	A14 A3J205 A14 A3J205 A14 A3J205 A15 A3J205 A15 A3J205 A15 A3J205 A15	8 51 20 53 37 55 42 57 9 59 24 62	16,1 20 16,1 20 16,1 20 16,1 20 16,1 20	SHEE	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT. 115 116 117 118 119 120 121 122 123 124 125 126	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	ORIGIN  A3J205  A17  A3J205  A14  A3J205  A14  A3J205  A15  A3J205  A15  A3J205  A15  A3J205	50 16 52 42 54 36 56 45 58 29 60 13	ACCESS, FIND NO.  20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17	A14 A3J205 A14 A3J205 A14 A3J205 AL5 A3J205 A15 A3J205 A15 A3J205 A15	8 51 20 53 37 55 42 57 9 59 24 62	16, 1 20 16, 1 20 16, 1 20 16, 1 20 16, 1 20 16, 1	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT.  115 116 117 118 119 120 121 122 123 124 125 126	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	A3J205 A17 A3J205 A14 A3J205 A14 A3J205 A15 A3J205 A15 A3J205 A15 A3J205 A15	50 16 52 42 54 36 56 45 58 29 60 13	ACCESS. FIND NO. 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17	A14 A3J205 A14 A3J205 A14 A3J205 AL5 A3J205 A15 A3J205 A15 A3J205 A15 A3J205 A15 A3J205	8 51 20 53 37 55 42 57 9 59 24 62 22 64	16, 1 20 16, 1 20 16, 1 20 16, 1 20 16, 1 20 16, 1	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT.  115 116 117 118 119 120 121 122 123 124 125 126 127 128 129	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	ORIGIN  A3J205  A17  A3J205  A14  A3J205  A14  A3J205  A15  A3J205  A15  A3J205  A15  A3J205  A15	50 16 52 42 54 36 56 45 58 29 60 13 63 40 65	ACCESS. FIND NO. 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20	A14 A3J205 A14 A3J205 A14 A3J205 AL5 A3J205 A15 A3J205 A15 A3J205 A15 A3J205 A15 A3J205	8 51 20 53 37 55 42 57 9 59 24 62 22 64	16,11 20 16,12 20 16,11 20 16,11 20 16,11 20 16,11	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT.  115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	ORIGIN A3J205 A17 A3J205 A14 A3J205 A14 A3J205 A15 A3J205 A15 A3J205 A15 A3J205 A15 A3J205 A15 A3J205	50 16 52 42 54 36 56 45 58 29 60 13 63 40 65	ACCESS, FIND NO.  20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17	A14 A3J205 A14 A3J205 A14 A3J205 A15 A3J205 A15 A3J205 A15 A3J205 A15 A3J205 A15 A3J205 A15	8 51 20 53 37 55 42 57 9 59 24 62 22 64 33 66 28	16,1 20 16,1 20 16,1 20 16,1 20 16,1 20 16,1 20 16,1 20 16,1 20 16,1 20 16,1 20 16,1 20 16,1 20 16,1 20	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	72971100 T 8 OF	
MINNEAP CONDUCTO IDENT.  115 116 117 118 119 120 121 122 123 124 125 126 127 128 129	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH (APPROX.)	ORIGIN  A3J205  A17  A3J205  A14  A3J205  A14  A3J205  A15  A3J205  A15  A3J205  A15  A3J205  A15  A3J205  A15  A3J205  A15	50 16 52 42 54 36 56 45 58 29 60 13 63 40 65 14	ACCESS, FIND NO.  20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20	A14 A3J205 A14 A3J205 A14 A3J205 AL5 A3J205 A15 A3J205 A15 A3J205 A15 A3J205 A15 A3J205 A15 A3J205 A15	8 51 20 53 37 55 42 57 9 59 24 62 22 64 33 66 28	16,11 20 16,11 20 16,11 20 16,11 20 16,11 20 16,1 20 16,1 20 16,1 20 16,1 20 16,1 20 16,1 20	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	72971100 T 8 OF	

		DAVA.	117		WII	RE LI	STING				WL	72971100	N
MINNEAPO			T		<del>/</del>	-	1				SHEET	9 OF	
IDENT.	FIND NO.	GAUGE (REF.)	GOLO		ORIGIN	<b>,</b>	ACCESS. FIND NO.	DESTINATIO	N	ACCES!		REMARKS	
134	12	24	4		A15	21.	16,17	A3J205	72	20			
135					A3J205	73	20	A15	20	16,1	7		
136	I_		LI		A15	38	16,17	A3J205	74	20			
137					A3J205	75	20	A15	36	16,1	,		
138					A15	16	16,17	A3J205	76	20	1		
139	Ц_	<u> </u>	$\perp$		A3J205	77	20	A15	17	16,1	7		
140	4		$\sqcup$		A15	25	16,17	A3J205	78	20	ļ		
141		-	1-1-		A4J205	39	20	B8	1	16,17	<u>'</u>		
142					B7	13	16,17	A4J205	23	20			
143	ot		$\sqcup \bot$		A4J205	24	20	J206	ā	20			
144					A4J205	26	20	B8	2	16,1	<u> </u>		
145					B8	1	16,17	A4J205	27	20			
146					A4J205	28	20	A4TB204	2.	22			
147			$\sqcup$		B11	30	16, 17	A4J205	37	20			
148					A4J205	38	20	B11	45	16,1	<u>'                                    </u>		
149					B14	1	16,17	A4J205	47	20	<u> </u>		
150					A4J205	50	20	B14	8	16.17	-		
			i Y		B17	16	16,17	A4J205	51	20		•	
151			<u> </u>			10	10,11						
151 152	12 ML	24 DAVA	4 TIT	<u> </u>	A4J205	52	20 STING	B14	20	16,17	WL	POCHMENT NO.	1"
152	((I)L	MM	TIT		A4J205	52	20 STING	<del></del>	-	16,1	WL SHEET	росинент но 72971100	, RE
152 (ពេរបក្	((I)L	MM	•	LENGTH	A4J205	52	20	<del></del>	20	16,17	WL SHEET	72971100	1"
MINNEAPO CONDUCTOR IDENT.	CUS. MI	DATA NNESOTI	TIT	LENGTH	A4J205 WII  ORIGIN B14	52 RE LI	STING ACCESS. FIND NO. 16,17	DESTINATION A4J205	20 ON 53	ACCESS FIND NO 20	W L	72971100 10 of	1"
MINNEAPO	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	0RIGIN B14 A4J205	52 RE LI 42- 54	STING ACCESS. FIND NO. 16,17 20	DESTINATION A4J205 B14	20 53 37	ACCESS FIND NO 20 16, 17	W L	72971100 10 of	1"
MINNEAPO CONDUCTOR IDENT.	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	A4J205 WII  ORIGIN B14	52 RE LI	STING ACCESS. FIND NO. 16,17	DESTINATION A4J205	20 ON 53	ACCESS FIND NO 20	W L	72971100 10 of	1"
152 MINNEAPC CONDUCTOR IDENT. 153 154	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	0RIGIN B14 A4J205	52 RE LI 42- 54 36 56	20 STING ACCESS. FIND NO. 16,17 20 16,17	DESTINATION A4J205 B14 A4J205 B15	20 53 37	ACCESS FIND NO 20 16, 17	WL SHEET	72971100 10 of	1"
152  MINNEAPC  CONDUCTOR 153 154 155 156 157	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	ORIGIN B14 A4J205 B14 A4J205 B15	52 RE LI 42- 54 36 56 45	20 STING ACCESS. FIND NO. 16,17 20 16,17	DESTINATION A4J205 B14 A4J205 B15 A4J205	53 37 55 42 57	ACCESS FIND NO 20 16,11 20 16,11	SHEET	72971100 10 of	1"
152  MINNEAPC CONDUCTOR IDENT. 153 154 155 156 157 158	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	ORIGIN B14 A4J205 B14 A4J205 B15 A4J205	52 RE LI 42- 54 36 56 45 58	ACCESS. FIND NO. 16, 17 20 16, 17 20 16, 17 20	DESTINATIO A4J205 B14 A4J205 B15 A4J205 B15	53 37 55 42 57 9	ACCESS FIND NO 20 16,17 20 16,17	SHEET	72971100 10 of	1"
MINNEAPC CONDUCTOR IDENT. 153 154 155 156 157 158 159	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	ORIGIN B14 A4J205 B14 A4J205 B15 A4J205 B15	52 RE LI 42- 54 36 56 45 58 29	ACCESS. FIND NO. 16,17 20 16,17 20 16,17 20 16,17	DESTINATION A4J205 B14 A4J205 B15 A4J205 B15 A4J205	53 37 55 42 57 9	ACCESS FIND NO 20 16,11 20 16,17 20 16,17	WL SHEET	72971100 10 of	1"
152  MINNEAPC  CONDUCTOR IDENT.  153 154 155 156 157 158	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	ORIGIN B14 A4J205 B14 A4J205 B15 A4J205 B15 A4J205	42- 54 36 56 45 58 29	20 STING ACCESS. FIND NO. 16,17 20 16,17 20 16,17 20	DESTINATION A4J205 B14 A4J205 B15 A4J205 B15 A4J205 B15 A4J205	53 37 55 42 57 9 59	ACCESS FIND NO 20 16,17 20 16,17	WL SHEET	72971100 10 of	1"
152  MINNEAPC  CONDUCTOR 153 154 155 156 157 158 159 160 161	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	ORIGIN B14 A4J205 B14 A4J205 B15 A4J205 B15 A4J205 B15	52 RE LI 54 36 56 45 58 29 60	ACCESS. FIND NO. 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17	DESTINATION A4J205 B14 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15	53 37 55 42 57 9	Access FIND NO 20 16,11 20 16,11 20 16,11 20	W L	72971100 10 of	1"
MINNEAPC CONDUCTOR IDENT. 153 154 155 156 157 158 159 160 161 161	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	A4J205  WII  ORIGIN  B14  A4J205  B14  A4J205  B15  A4J205  B15  A4J205  B15  A4J205	52 RE LI  42- 54 36 56 45 58 29 60 13 63	ACCESS. FIND NO. 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 20 20 20 20 20 20 20 20 20 20 20 20	DESTINATION A4J205 B14 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15	53 37 55 42 57 9 59 24 62 22	Access FIND NO 20 16,11 20 16,11 20 16,11 20 16,11	W L	72971100 10 of	1"
MINNEAPC CONDUCTOR IDENT. 153 154 155 156 157 158 159 160 161 162 163	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	ORIGIN B14 A4J205 B14 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 B15	42- 54 36 56 45 58 29 60 13 63 40	20 STING ACCESS. FIND NO. 16,17 20 16,17 20 16,17 20 16,17	DESTINATION A4J205 B14 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205	53 37 55 42 57 9 59 24 62 22 64	ACCESS FIND NO 20 16,17 20 16,17 20 16,17 20 16,17 20	W L	72971100 10 of	1"
152  MINNEAPER  CONDUCTOR  153  154  155  156  157  158  159  160  161  162  163  164	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	ORIGIN B14 A4J205 B14 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205	42- 54 36- 56- 45- 58- 29- 60- 13- 63- 40- 65-	20 STING ACCESS. FIND NO. 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20	DESTINATION A4J205 B14 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15	53 37 55 42 57 9 59 24 62 22 64 33	Access FIND NO 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17	W L	72971100 10 of	1"
152  MINNEAPC  CONDUCTOR 153 154 155 156 157 158 159 160 161 162 163 164 165	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	A4J205 WII  ORIGIN B14 A4J205 B14 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15	52 RE LI  42- 54 36 56 45 58 29 60 13 63 40 65 14	ACCESS. FIND NO. 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17	DESTINATION A4J205 B14 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205	53 37 55 42 57 9 59 24 62 22 64 33 66	Access FIND NO 20 16,11 20 16,11 20 16,11 20 16,11 20 16,11 20	WL SHEET	72971100 10 of	1"
MINNEAPC CONDUCTOR 153 154 155 156 157 158 159 160 161 162 163 164 165 166	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	A4J205  WIII  ORIGIN B14  A4J205 B14  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205	52 RE LI  42- 54  36  56  45  58  29  60  13  63  40  65  14	20 STING ACCESS. FIND NO. 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20	B14  DESTINATION  A4J205  B14  A4J205  B15  A4J205  B15  A4J205  B15  A4J205  B15  A4J205  B15  A4J205  B15  B15  B15	53 37 55 42 57 9 59 24 62 22 64 33 66 28	Access FIND NO 20 16,11 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17	WL SHEET	72971100 10 of	1"
MINNEAPC CONDUCTOR 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	ORIGIN B14 A4J205 B14 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15	52 42-54 36-56 45-58 29-60 13-63 40-65 14-67 34-	20 STING ACCESS. FIND NO. 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17	B14  DESTINATION A4J205 B14  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205	53 37 55 42 57 9 59 24 62 22 64 33 66 28 70	Access FIND NO 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20	W L SHEET	72971100 10 of	1"
MINNEAPC CONDUCTOR 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	ORIGIN B14 A4J205 B14 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205	52 RE LI  42- 54 36 56 45 58 29 60 13 63 40 65 14 67 34	20 STING ACCESS. FIND NO. 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17	B14  DESTINATION A4J205 B14  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15	53 37 55 42 57 9 59 24 62 22 64 33 66 28 70	Access FIND NO 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17 20 16,17	W L SHEET	72971100 10 of	1"
MINNEAPC CONDUCTOR 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167	FIND NO.	NATA NNESOTI GAUGE (REF.)	COLO	LENGTH	ORIGIN B14 A4J205 B14 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15 A4J205 B15	52 RE LI  42- 54 36 56 45 58 29 60 13 63 40 65 14 67 34	20 STING ACCESS. FIND NO. 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17	B14  DESTINATION A4J205 B14  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205 B15  A4J205	53 37 55 42 57 9 59 24 62 22 64 33 66 28 70	Access FIND NO 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20 16, 17 20	W L	72971100 10 of	

	CIOINT				TITL	Ę,	WIF	RE LI	STING	,			WL SHEET	72971100	REV.
;	CONDUCTOR IDENT.	FIND NO.	GAL (RE	GE F.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	N	ACCES FIND N	S.	REMARKS	
•	172	12		24	4		A4J205	75	20	B15	36	16,1	7		
	173			1			B15	16	16,17	A4J205	76				
	174	1		Ť	1		A4J205	77	20	B15	17	16,1	7	. •	
	175						B15	25	16,17	A4J205	78	20			
	176						J206	В	20	A17	34	16,1	7		
	177			L			A17	08	16,17	J206	D	20			
	178	Ш	_	丄			J206	С_		TB20 <b>3</b>	3	34 3	<b>a</b>		
	179						TB203	1	32 (3)	J206	U	20			
	180			_			J206		20	A19	1	16,1	7		
	181						A19	20	16,17	J206	w	20			
	182						J206	X	20	A19	33	16,1	7		
	183						A19	45	16,17	J206	Υ	_20			
	184						J206	Р	20	A3TB204	3	22			
	185						A4TB204	3	22	J206	t	20		•	
	186						J206	<u>h</u>	20	B17		16,1	7		
	187						B17		16,17	J206	ē	20			
	188						J206	f	20	TB203	4	34 3	9		
	189	1		<u> </u>	Y		TB203		34 37	J206	x	20		•	
	190	12		24	.4		J206	<u> </u>	20	B19	1	16,1	7		

CINNET		., 0	TITLE		WII	RE LI	STING			·	WL	DOCUMENT NO. 72971100	N.
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	ON .	ACCESS FIND N		RE MARKS	
191	12	24	4		B19	20	16, 17	J206	Z	20			
. 192	_1_				J206	AA	20	B19	33	16,17			
193	•	<b>A</b>			B19	45	16,17	J206	ВВ	20		• .	
194					A3TB202	7	21,48	A3TB202	2	27			
195				·	A3TB202	5	21 (18)		1	27			
196					A3T8202	30	27	A3TB202	31	27			
197					ASTB202	24	27	ASTB202	25	27			
198					A3TB202	18	27	A3TB202	19	27			
199					A3TB202	12	27	A3TB202	13	27			
200					A3TB202	34	27	A3TB202	31	_27			
201					A3TB202	28	27	A3TB202	25	27			
202					A3TB202	22	27	A3TB202	19	27			
203					A3TB202	16	27	A3TB202	14	27			
204					A3TB202	.5	33	A3TB202	8	27			
205					A3TB202	7	<b>(8)</b>	A3TB202	10	27			
206					A4TB202	7	21.49	A4TB202	2	27			
207			-		A4TB202	5	21 (39	A4TB202	1	27			
208	Y	1			A4TB202	30	27	A4TB202	31	27			
209	12	24	4		A4TB202	24	27	A4TB202	25	27			

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	(राग्राम	?(	DL I	DVAL		TITLE									DOCUMENT NO.	REV.
i		`-			-			- WI	RE LI	STING	•			WL	72971100	И
	MINNEAPO	ייי	s, MII		4									SHEET	13 OF	
•,	CONDUCTOR IDENT.		ND IO.	GAUGE (REF.)		COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATIO	ON .	ACCES		REMARKS	
•	210	1	2	24	Т	4		A4TB202	18	27	A4TB202	19	27			
•	211				T	1		A4TB202	12	27	A4TB202	13	27			
	212	7		4	1	4		A4TB202	34	27	A4TB202	31	27		•	
	213		П		+			A4TB202	28	27	A4TB202	25	27	1	<del></del>	
•	214		П		$\top$	_		A4TB202	22	27	A4TB202	19	27		· · · · · · · · · · · · · · · · · · ·	
	215		П		$\top$	$\top$		A4TB202	16	27	A4TB202	14	27	1		
	216		П		T			A4TB202	5	(3)	A4TB202	8.	27			
	217		П		$\top$			A4TB202	7	(49)	A4TB202	10	27	1		
	218	Ι.			T			TB203	1	(5)	A3TP200	<b> </b>	22			
÷	219	Г	П		†			A3TP203		22	All	46	16,17	,		
	220	Т	П		$\dagger$	1		TB203	2	6	A4TP200	† <u> </u>	22		······································	
	221		$\sqcap$		$\dagger$	$\dashv$		A4TP203	_	22	BII	46	16,17	7		
	222	Т	П		+			All	6	16,17	A3TP204	_	22			
	223		П		T			A3TP202	_	22	All	48	16,17	,		
	224		П		T			ВІІ	6	16,17	A4TP204	<u> </u>	22			
	.225		Н		+	+		A4TP202	_	22	BII	48	16,17	,		
	226	Н	Н		+	1	·	TB203	13	15 (2)		N	14			
	227	۳	7	7	十	-		1J200	80	20	TB203		32 <b>(</b> (			
	228	1	2	24	+	4		TB203	13	60	IJ201	80	20	+	<del></del>	
		_					l						4			
i	CONT	?	ni .	MA	$\prod$	TITLE			•••					\	POCUMENT NO.	PEV.
					╣.			WIF	RE LI	STING				WL	72971100	N.
	MINNEAPO	ייי	S, MII		-4		,						ł	SHEET	14 OF	
;	CONDUCTOR	FI	ND	GAUGE	1	OLOR	LENGTH			ACCESS.		انسكال	ACCES	s.		
	IDENT.	~	10.	(REF.)	4	(REF.)	(APPROX)	ORIGIN		FIND NO.	DESTINATIO		FIND N		REMARKS	
•	229	1:	2	24	+	4		A30	2 ·	16,17	TB203	13	32 🤄			
	230	-		-	+	-4-		TB203	13	€)	A30	50	16,1	7		
	231	Н	_		4	<del></del> -		IIJ202	N	14	TB203	16	23		•	
	232	Н	-		+			TB203	16	32 🚱	ПJ200	80	20	-		
	233	Н			+			11J201	80		TB203	16		<u> </u>		
	294	Ц			+			TBZ03		32 (43)		2	16,1	-		
	235	Ц	_		4	-		B30		16,17		16	0	-		
	236	Ц	_		+	-		TB203		35	A3TB204	7	_22			
	237	Ц	-	-	+	-		A3TB204		22	A14	45	16,1	7		
	238	Ц	_		4	<u> </u>		B14		16,17	·	4	22	-	· · · · · · · · · · · · · · · · · · ·	
	239	Ц		<u> </u>	1			A4TB204		22	TB203	2	<u> </u>	-		
	240	Ц		<del>                                     </del>	1		<b> </b>	A3TB202		27	A3TB202	37	27	-		
	241	Ц	_	$\sqcup \!\!\! \perp$	4			A4TB202		27	A4TB202	37	27	<u> </u>		
	242	Ц	_		1	_ _		A22			A3J205	40	20	<b></b>		
		۱ ا	- 1		1	İ	1	A3J205	,41	20	A22	18	6,17	1		
	243	Ц						<u> </u>				-				
	243				1			B22	25	16,17	A4J205	40	20			
	244 245	1						A4J205	41	20	B22	40 18	16,1	7		
	244	1	,_	7	† 	*			41 24	20 20	·	18 A				

(11)087 	:Yolk	DĂŸĄĄŸ/	TITLE		WII	RE LI	STING				W	′L	DOCUMENT NO. 72971100	, N
MINNEAPO	LIS, MI	NNESOTA						THE REAL PROPERTY AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON		<del>,</del>	SH	EET	15 OF	
CCNDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATI	ON	ACCES			REMARKS	
248	12	24	4		A3S202	2 -	22	A17	33	16,1	17	:2		
249	1	4			A3S202	3		A17	9					
250		<b>1</b>	1		A3S202	4		A17	26	T		,	·. •	
251			·		A3S202	5		A17	5		Τ			
252					A4S202	С		B17	32					
253 ·	V .	<b>'</b>	<u>'</u>		A4S202	1		B17	44					
254	12	24	4		A4S202	2	22	B17	33	16,	17			
255	10	16	4		A3J205	1	18	TB203	3	15	4			
256		1			ТВ203	7	15	A3J205	2	18				
257	1	<u> </u>	<del>  </del>		A3J205	3	18	J204	21	9				
258	Ц_		1	ļ	A3J205	20	18	тв203	1	34,	59			
259	-	<del>                                     </del>	- -		TB203	1	_50_	J204	1	9	_ -			
260	- -		- -		J204	2	9	TB203	1	34,	22			
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262			<del>                                     </del>		J204	11	9	TB203	6	15	- -	<del></del>		
263	├-		╁╾╁╾		TB203	5	15	J204	12	9	-			
264	+	+	++		J204 TB203	13	1,	TB203 J204	9	9	+			
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267 · 268 269	NO.	(REF.)	(REF.)		TB203 J204	20	9 FIND NO.	J204 TB203	18	9 (36) 9	S.		REMARKS	,
267 268 269 270	NO.	(REF.)	(REF.)		TB203 J204 TB203	20 7	9 15 9	J204 . TB203 J204	18 4 28	9 (36)	S.		REMARKS	
267 268 269 270 <b>2</b> 71	NO.	(REF.)	(REF.)		TB203 J204 TB203 J204	20 7 29	9 15 9 18	J204 TB203 J204 TB203	18 4 28 8	9 (36) 9 15	S.		REMARKS	
267 268 269 270 271	NO.	(REF.)	(REF.)		TB203 J204 TB203 J204 A4J205	20 7 29 3	9 15 9 18 9	J204 TB203 J204 TB203 J204	18 4 28 8 30	9 (36) 9 15 9	S.		REMARKS	
267 268 269 270 271 272	NO.	(REF.)	(REF.)		TB203 J204 TB203 J204 A4J205 J204	20 7 29 3 35	9 15 9 18 9 15	J204 TB203 J204 TB203 J204 A4TB202	18 4 28 8 30 35	9 (36) 9 15 9	S.		REMARKS	
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267 268 269 270 271 272 273 274	NO.	(REF.)	(REF.)		TB203 J204 TB203 J204 A4J205 J204 TB203 A4J205	20 7 29 3 35 4 20	9 15 9 18 9 15 18 9 23,24	J204 TB203 J204 TB203 J204 A4TB202 A4J205 TB203 TOP BUSS BATB203	18 4 28 8 30 35 1	9 (36) 9 15 9 21 18 (37)	SS. NO.		REMARKS	
267 268 269 270 271 272 273 274 275 276	NO.	(REF.)	(REF.)		TB203 J204 TB203 J204 A4J205 J204 TB203 A4J205 TB203 MIDDLE	20 7 29 3 35 4 20	9 15 9 18 9 18 9 15 18	J204 TB203 J204 TB203 J204 A4TB202 A4J205 TB203 TOP BUSS B	18 4 28 8 30 35 1 2 AR —	9 (36) 9 15 9 21 18 (37) 23,	24 34		REMARKS	
267 268 269 270 271 272 273 274 275 276 277	10	16 A	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		TB203 J204 TB203 J204 A4J205 J204 TB203 A4J205 TB203 MIDDLE BUSS BAR TB203 TB203	20 7 29 3 35 4 20 1	9 15 9 18 9 15 18 52 23,24	J204 TB203 J204 TB203 J204 A4TB202 A4J205 TB203 TOP BUSS BATB203	18 4 28 8 30 35 1 2 AR —	9 (36) 9 15 9 21 18 (37) 23, (52) 18	24 34 24		REMARKS	
267 268 269 270 271 272 273 274 275 276	NO. 10	16	4 A		TB203 J204 TB203 J204 A4J205 J204 TB203 A4J205 TB203 MIDDLE BUSS BAR TB203	20 7 29 3 35 4 20 1 —	9 15 9 18 9 15 18 9 15 18 (52) 23,24	J204 TB203 J204 TB203 J204 A4TB202 A4J205 TB203 TOP BUSS BAT BOTTOM BUSS BAR	18 4 28 8 30 35 1 2 AR — 2	9 9 15 9 21 18 37 23, 3 52 23, 3	24 34 24		REMARKS	
267 268 269 270 271 272 273 274 275 276 277 278 279	10	16 A	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		TB203 J204 TB203 J204 A4J205 J204 TB203 A4J205 TB203 MIDDLE BUSS BAR TB203 TB203 A3S201 A4S201	20 7 29 3 35 4 20 1 ——————————————————————————————————	9 15 9 18 9 15 18 (52) 23,24 (52) 15 16	J204 TB203 J204 TB203 J204 A4TB202 A4J205 TB203 TOP BUSS B. TB203 BOTTOM BUSS BAR A4J205 A17 B17	18 4 28 8 30 35 1 2 AR — 2 - 2 41 41	9 (36) 9 15 9 21 18 (37) 23, (52) 18	24 34 24		REMARKS	
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267 268 269 270 271 272 273 274 275 276 277 278 279 280 281	10	16 A	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		TB203 J204 TB203 J204 A4J205 J204 TB203 A4J205 TB203 MIDDLE BUSS BAR TB203 TB203 A3S201 A4S201 A30S200 A4DS200	20 7 29 3 35 4 20 1 —— 2 8 1 1 B B	FIND NO.	J204 TB203 J204 TB203 J204 A4TB202 A4J205 TB203 TOP BUSS B. TB203 BOTTOM BUSS BAR A4J205 A17 B17 B17	18 4 28 8 30 35 1 2 AR — 2 41 41 42 42	9 (36) 9 15 9 21 18 (37) 23, (52) 18	24 34 24		REMARKS	
267 268 269 270 271 272 273 274 275 276 277 278 279 280	10	16 A	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		TB203 J204 TB203 J204 A4J205 J204 TB203 A4J205 TB203 MIDDLE BUSS BAR TB203 TB203 A3S201 A4S201 A3DS200	20 7 29 3 35 4 20 1 —— 2 8 1 1 1 B	FIND NO.	J204 TB203 J204 TB203 J204 A4TB202 A4J205 TB203 TOP BUSS B. TB203 BOTTOM BUSS BAR A4J205 A17 B17	18 4 28 8 30 35 1 2 AR — 2 41 41 42	9 (36) 9 15 9 21 18 (37) 23, (52) 18	24 34 24		REMARKS	

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·L	285	25	24				-							
	285A			0		A3J205	4	20	A3TB202	35	7			
L	2858			4		A3J205	8	20	A3TB202	37	27			
	286	25	24											
L	286A			0		A3TB202	9	27	A3J205	5	20			
L	286B			4		A3TB202	7	27	A3J205	10	20			
1	287	25	24								<b></b>	1		
	287A			0		A3J205	7	20	A3TB202	15	27	<u> </u>		
L	287B	<u> </u>		4		A3J205	11	20	A3TB202	11	27			
L	288	25	24											
	288A			0		A3TB202	21	27	A3J205	12	20			
	288 <b>B</b>			4		A3TB202	17	27	A3J205	15	20			
L	289	25	24											
	289A			0		A3J205	13	20	A3TB202	27	27			
	2898			4		A3J205	16	20	A3TB202	23	27			
	290	25	24											
L	290A			· 0		A3TB202	33	27	A3J205	14	20	<del> </del>		<u> </u>
	290B	<u></u>		4		A3TB202	29	27	A3J205	17	20			
l		<u> </u>	<u> </u>									<u> </u>		
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.	MINNEAPY CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR	LENGTH		RE LI	ACCESS.	DESTINATE	25	ACCESS	SHEET	72971100 18 OF	
.	MINNEAPO CONDUCTOR IDENT. 291	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH	ORIGIN		ACCESS. FIND NO.			ACCESS FIND NO	SHEET	72971100 18 OF	
.	MINNEAPH CONDUCTOR IDENT. 291 291A	FIND NO.	GAUGE (REF.)	coLor (REF.)	LENGTH	ORIGIN	31	ACCESS. FIND NO.	A11	25	ACCESS FIND NO	SHEET	72971100 18 ^{OF}	
.	MINNEAPH CONDUCTOR IDENT. 291 291A 291B	FIND NO.	GAUGE (REF.)	color (REF.)	LENGTH	ORIGIN  A3J205  A3J205	31 34 K	ACCESS. FIND NO. 20 20 14	A11 A11 A3J205	25 24 45	16,17	SHEET	72971100 18 ^{OF}	
.	291 291B 292 292A 292B	FIND NO. 25	GAUGE (REF.)	color (REF.)	LENGTH	ORIGIN  A3J205  A3J205	31 34	ACCESS. FIND NO.	A11	25	16,17	SHEET	72971100 18 ^{OF}	
.	291 291A 291B 292 292A 292B 293	FIND NO.	GAUGE (REF.)	COLOR (REF.) - 0 - 4 - 0 - 4	LENGTH	A3J205 A3J205 IJ202 IJ202	31 34 K	20 20 14	A11 A11 A3J205 A3J205	25 24 45 46	16,17 16,17 20 20	SHEET	72971100 18 ^{OF}	
.	291 291B 292 292A 292B	FIND NO. 25	GAUGE (REF.)  24	COLOR (REF.) - 0 - 4 - 0 - 4	LENGTH	A3J205 A3J205 IJ202 IJ202 A3J205	31 34 K M	20 20 14 14 20	A11 A11 A3J205 A3J205 TJ202	25 24 45 46 K	16,17 16,17 20 20	SHEET	72971100 18 ^{OF}	
.	291 291A 291B 292 292A 292B 293	FIND NO. 25	GAUGE (REF.)  24	COLOR (REF.) - 0 - 4 - 0 - 4	LENGTH	A3J205 A3J205 IJ202 IJ202	31 34 K	20 20 14	A11 A11 A3J205 A3J205	25 24 45 46	16,17 16,17 20 20	SHEET	72971100 18 ^{OF}	
.	291 291A 291B 292 292A 292B 293A 293B 294	FIND NO. 25	GAUGE (REF.)  24	COLOR (REF.)  - 0 - 4 - 0 - 4 - 0 - 4	LENGTH	A3J205 A3J205 IJ202 IJ202 A3J205 A3J205	31 34 K M	20 20 14 14 20 20	A11 A11 A3J205 A3J205 IIJ202 IIJ202	25 24 45 46 K	16,17 16,17 20_20	SHEET	72971100 18 ^{OF}	
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į	297A			. 0		A4TB202	21	27	A4J205	12	20			
	297B			4		A4TB202	17	27	A4J205	15	20			
	298	25	24											
	298A.			0		A4J205	13	20	A4TB202	27	27	-		
	2988		<u> </u>	4		A4J205	16	20	A4TB202	23		-		
	299	25	24	0		A 4TD202			14 1205	14				
	299A					A4TB202	33	27	A4J205	14	20	-		
	299B	35	34	4		A4TB202	29	27	A4J205	17	_20_			
	300 300A	25_	24	0		A4J205	31	20	B11	25	16,1	7		
	300A			4		A4J205	34	20	811	24	16, 1			
	301	25	24	-							ì —	1		
	301A			0		IJ202	KK	14	A4J205	45	20			
	301B			4		IJ202	MM	14	A4J205	46	20			
	302	25	24											
	302A			: 0		A4J205	48	20	IIJ202	KK	14			
	302B			4		A4J205	49	20	IIJ202	ММ	14	<u> </u>		
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`.	MINNEAPO	FIND	NNESOTA	COLOR	LENGTH	<i>*</i>	RE LI	ACCESS.	DESTINATIO	N I	ACCES:	SHEET	72971100 20 of	
	MINNEAPO CONDUCTOR IDENT.	FIND NO.	NNESOTA GAUGE (REF.)	COLOR	LENGTH	<i>*</i>	RE LI	ACCESS.	DESTINATIO	20	ACCES:	SHEET	72971100 20 of	
	MINNEAPO CONDUCTOR IDENT.	FIND NO.	NNESOTA GAUGE (REF.)	COLOR (REF.)	LENGTH	ORIGIN		ACCESS. FIND NO.			ACCESS FIND N	SHEET	72971100 20 of	
	MINNEAPC CONDUCTOR IDENT. 303 303A 303B 304	FIND NO.	NNESOTA GAUGE (REF.)	COLOR (REF.)	LENGTH	ORIGIN A7 A7	1 5	ACCESS. FINO NO.	A3TB202 A3TB202	20	ACCESS FIND N	SHEET	72971100 20 OF REMARKS	
	MINNEAPC  CONDUCTOR IDENT.  303  303A  303B  304  304A	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)  0 4	LENGTH	A7 A7 A3TB202	1 5	ACCESS. FIND NO. 16,17 16,17	A3TB202 A3TB202	20 18 18	27 27	SHEET 3.5.0.0	72971100 20 OF REMARKS	
	MINNEAPC CONDUCTOR IDENT. 303 303A 303B 304 304A 304B	FIND NO. 25	NNESOTA GAUGE (REF.) 24	COLOR (REF.)	LENGTH	ORIGIN A7 A7	1 5	ACCESS. FINO NO. 16,17	A3TB202 A3TB202	20	ACCESS FIND N	SHEET 3.5.0.0	72971100 20 OF REMARKS	
	MINNEAPC CONDUCTOR IDENT. 303 303A 303B 304 304A 304B 305	FIND NO.	NNESOTA GAUGE (REF.) 24	COLOR (REF.)  O  4	LENGTH	ORIGIN A7 A7 A3TB202 A3TB202	1 5 14 12	ACCESS. FIND NO. 16,17 16,17 27 27	A3TB202 A3TB202 A7 A7	20 18 18 18	27 27 16,1	SHEET 3.5.0.0	72971100 20 OF REMARKS	
	MINNEAPC CONDUCTOR IDENT. 303 303A 303B 304 304A 304B 305 305A	FIND NO. 25	NNESOTA GAUGE (REF.) 24	COLOR (REF.)  O 4  O 4	LENGTH	ORIGIN A7 A7 A3TB202 A3TB202	1 5 14 12 28	ACCESS. FINO NO.  16,17 16,17 27 27 16,17	A3TB202 A3TB202 A7 A7 A7	20 18 18 17 32	27 27 16,1 16,1	SHEET 3.5.0.0	72971100 20 OF REMARKS	
	MINNEAPC CONDUCTOR IDENT. 303 303A 303B 304 304A 304A 305 305A	FIND NO. 25	NNESOTA GAUGE (REF.) 24 24	COLOR (REF.)  O  4	LENGTH	ORIGIN A7 A7 A3TB202 A3TB202	1 5 14 12	ACCESS. FIND NO. 16,17 16,17 27 27	A3TB202 A3TB202 A7 A7 A7	20 18 18 18	27 27 16,1	SHEET 3.5.0.0	72971100 20 OF REMARKS	
	MINNEAPC CONDUCTOR IDENT. 303 303A 303B 304 304A 304B 305 305A	FIND NO. 25	NNESOTA GAUGE (REF.) 24	0 4 0 4	LENGTH	A7 A7 A3TB202 A3TB202 A7 A7	1 5 14 12 28	ACCESS. FIND NO. 16,17 16,17 27 27 16,17 16,17	A3TB202 A7 A7 A7 A3TB202 A3TB202	20 18 18 17 32 30	27 27 16,1 16,1 27	SHEE1	72971100 20 OF REMARKS	
	MINNEAPO CONDUCTOR IDENT. 303 303A 303B 304 304A 304A 305B 305A 305B	FIND NO. 25	NNESOTA GAUGE (REF.) 24 24	COLOR (REF.)  O 4  O 4	LENGTH	ORIGIN A7 A7 A3TB202 A3TB202	1 5 14 12 28 29	ACCESS. FINO NO.  16,17 16,17 27 27 16,17	A3TB202 A3TB202 A7 A7 A7	20 18 18 17 32	27 27 16,1 16,1	77	72971100 20 OF REMARKS	
	MINNEAPC CONDUCTOR IDENT. 303 303A 303B 304 304A 304B 305 305A 305B 306	FIND NO. 25	NNESOTA GAUGE (REF.) 24 24	COLOR (REF.)  O 4  O 4  O 4	LENGTH	A7 A7 A3TB202 A3TB202 A7 A7 A3TB202	1 5 14 12 28 29 26	ACCESS. FIND NO.  16,17  16,17  27  27  16,17  16,17	A3TB202 A7 A7 A7 A3TB202 A3TB202 A3TB202	20 18 18 17 32 30	27 27 16,1 16,1 27 27	77	72971100 20 OF REMARKS	
	MINNEAPO CONDUCTOR IDENT. 303 303A 303B 304 304A 304B 305 305A 305B 306 306A 306B 307	25 25 25	NNESOTA GAUGE (REF.) 24 24 24	COLOR (REF.)  O 4  O 4  O 4	LENGTH	A7 A7 A3TB202 A3TB202 A7 A7 A3TB202	1 5 14 12 28 29 26	ACCESS. FIND NO.  16,17  16,17  27  27  16,17  16,17  16,17	A3TB202 A3TB202 A7 A7 A3TB202 A3TB202 A7 A7 A7	20 18 18 17 32 30	27 27 16,1 16,1 27 27 16,1 27	77	72971100 20 OF REMARKS	
	MINNEAPC CONDUCTOR IDENT. 303 303A 303B 304 304A 304B 305 305A 305B 306 306A 306B	25 25 25	NNESOTA GAUGE (REF.) 24 24 24 24	COLOR (REF.)  0 4 0 4 0 4	LENGTH	A7 A7 A3TB202 A3TB202 A7 A7 A3TB202 A3TB202	- 1 5 14 12 28 29 26 24	ACCESS. FIND NO.  16,17  16,17  27  27  16,17  16,17  27  27	A3TB202 A3TB202 A7 A7 A3TB202 A3TB202 A7 A7 A7	20 18 18 17 32 30 44 45	27 27 16,1 16,1 27 27 16,1	77	72971100 20 OF REMARKS	
	MINNEAPC CONDUCTOR IDENT. 303 303A 303B 304 304A 304B 305 305A 305B 306 306A 306B 307 307A 307B	25 25 25	NNESOTA GAUGE (REF.) 24 24 24	COLOR (REF.)  O 4  O 4  O 4  O 4	LENGTH	A7 A7 A3TB202 A3TB202 A7 A7 A3TB202 B7 B7	11 5 14 12 28 29 26 24 1 5	ACCESS. FIND NO.  16,17  16,17  27  27  16,17  27  16,17  16,17	A3TB202 A7 A7 A3TB202 A3TB202 A7 A7 A7 A4TB202 A4TB202	20 18 18 17 32 30 44 45	27 27 16,1 16,1 27 27 16,1 27 27	77 77 77 77 77 77 77 77 77 77 77 77 77	72971100 20 OF REMARKS	
	MINNEAPC CONDUCTOR IDENT. 303 303A 303B 304 304A 304B 305 305A 305B 306 306A 306B 307	25 25 25	NNESOTA GAUGE (REF.) 24 24 24 24	COLOR (REF.)  0 4 0 4 0 4	LENGTH	A7 A7 A3TB202 A7 A7 A7 A7 B7 B7 B7	- 1 5 14 12 28 29 26 24	ACCESS. FIND NO.  16,17  16,17  27  27  16,17  16,17  16,17	A3TB202 A3TB202 A7 A7 A3TB202 A3TB202 A7 A7 A7	20 18 18 17 32 30 44 45	27 27 16,1 16,1 27 27 16,1 27 27 27	77 77 77 77 77 77 77 77 77 77 77 77 77	72971100 20 OF REMARKS	

L	 	. –	N.W.\ NNESOTA	TITLE		wı	RE LI	STING				WL SHEET	729 7/100 210F	NEV.
CO	NOUCTOR DENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINATE	ON	ACCES!		REMARKS	,
· _	309	25	24			, 	<u> </u>			<u> </u>		<u> </u>		
	309A			<u> </u>		B7	I .	16,17	A4TB202	32	_27_	ļ		
L	309 <b>B</b>			4		B7	29	16,17	A4TB202	30	27	<u></u>		
نــا	310	25	24									ļ		
L	310A			0		A4TB202		27	B7	44	16.17	<u>'                                    </u>		
L	310B			4		A4TB202	24	27	B7	45	16,17	<u>'                                    </u>		
L	311	12	24	4		A45202		22	B17	26	16,17			
L	312	12	24	4		<b>J</b> 206	ь	20	A18	42	16,17	<u>'                                    </u>		
L	313	.12	24	4		J206	EE	20	B18	42	16,17	<u> </u>		
L	315	28	20				<u> </u>							
L	315A_			SHIELD		A3J205	29_	19	A11	28	29,3	L		
	315B			0		A3J205	30	19	A11	26	29,30			
L	315C			2		A3J205	33	19	A11	18	29,30	)		
L	316	28	20									ļ		
L	316A			SHIELD		A4J205	29	19	B11	28	29.3	L		
L	3168			0		A4J205	30	19	B11	26	29,30	)		
L	316C			. 2		A4J205	33	19	B11	18	29,30	<u> </u>		
· L						•						ļ	·	
L							<u> </u>				L	<u> </u>		

CHINE		^,	TITLE	,	W	IRE LI	STING				WL	72971100 22 0F23 - 5	Nev.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN	•	ACCESS. FIND NO.	DESTINAT	ION	ACCES!	3.	REMARKS	
320 ·	33	24											
320A			SHIELE		A3J205	79	36,37 19 44	A22	10		7		
320B			9		A3J205	80	20ر2ا	A22	5	16,2	7 .	·. •	
321	33	24											
321A			SHIELE		A22	8	36, 37 16, 17	A3J205	79	343	7		
321B			9		A22	9	16,17	A3J205	82	20,1			
322	33	24											
_322A			SHIELD		A4J205	79	36,37	B22	:10	36,3, [6,1]	,		
322B			9		A4J205	80	12,20	B22	5	16,1	7		
323	33	24								į			
323A			SHIELD		B22 .	8	36,37 16,17	A4J205	79	3633	7		
3238			9		B22	9	16,17	A4J205	82	20,1			
324	11	20	4		A29	48	29,30	TB203	9	32			
325	11	20	4		TB203	10	32	B29	48	29,3	0		
326	12	24	4		A3J205	42	20	TB203	2	<b>(</b> )			-
327					A4J205	42		TB203	2	<ul><li>3.</li></ul>	5 .		
328	I	I	$\cdot$ $\mathbb{I}$		A3J205	43		J206	a	- 20			:
329	Y	Y	Y		A4J205	43	20	J206	DD	20			
330	12 ·	24	4		A4S202	05	22	B17	5	16,1	7 3		

on a plea	11/1	1	NORM	ANI	DALE OF	TRATIONS		CODE IDENT 19333		41	5H	EET	23 OF 23		W	'L	729 71100	NEV.
CONDUCTOR IDENT.	FIN		GAUC (REF.		COLOR (REF.)	LENGTH (APPROX)		ORIGIN			CESS NO		ESTINATIO	Z _		ESS NO	REMARKS	
331	12		24		4		A3TB	202	39	21	(53)	A3S	200	A1	2	2		
332	7		1		1		A3TB	202	39	(5)	3)	A1	8 `	28	16,	17		
333							A3TB	202	38	2	7	A2.	5	26	16,	17		
334							A3TB	202	40	2'	7	B2.	5	26	16,	17		
335							<b>A</b> 4TB	202	39	21	(54)	<b>A</b> 4s	200 `	A1	2	2		
336							#+TB	202	39	(gi	4	B1	8	28	16,	17		
337	1	Ы	1				A4TB	202	38	2'	7	A2	5	34	16,	17		11
338	12		24		4		A4TB	202	40	2'	7	B2	5	74	16,	17		
339							_			_				<u> </u>	<u> </u>			
340	7	<u> </u>	50		4	7	TB2	05	1	5	<u> </u>	TB	203	70	٥	<u>A</u>		
34%	1		1		11	7	<u></u> '	<u> </u>	5	_	_		\ 	٩	Ľ	_		
342	$\perp$	_			$\sqcup$	7	<u> </u>	<u> </u>	3	_				8	-	_		
343	$\downarrow$	L	$\sqcup$		↓	7	_		4	<u> </u>	_	_		7	<u> </u>	_		
344	$\perp$		Ш		14_	9	_	ļ	5	<u> </u>				<u> </u>	-	<u> </u>		
345		_	$\sqcup$		Ш.	3	<u> </u>		6	_		_		5	-	<u> </u>		
346	$\perp$	L	$\sqcup$		11		<u> </u>	<u> </u>	7	L	ļ	_		4	-	<del> </del>		
347	$\downarrow$	_	$\sqcup$		11	3	<u> </u>	-	8	L	<u> </u>	ļ		3	1	$\vdash$		
348	$\downarrow$	<u> </u>	1		1.	75	<del> </del>	<u>Y</u>	1 -	-	<u>_</u>		<u></u>	5	-	Ļ		
349	12	Δ	20		<del>  •</del> -	75	TB.	205	10	5	<u> 4</u>	TB	203	1	╀╸	<u>A</u>	\	

<b>નો)શિલી</b> નો	IAIA	(Co	- WIRING rrectio	ns)	14 II 1	CODE 10		HEET		WL	DOCUMENT NO.	REV.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)		LENGTH (APPROX)	ORIG	in	ACCESS	DESTINATIO	N	ACCESS FIND NO	REMARKS	•
						_	<u> </u>					
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				-								
			<b> </b>							<u> </u>		
							<del> </del>		-	<u> </u>		
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CONTROL DATA	PRODUCT		WIRE I	.IST -DECK ASSY	W.	- 1	DOCUMENT 40064000	MO.	B B
SIMPLEAPOUS, MINNESOTA	PHOODE		MULTIF	PLE DISK DRIVE	SHE	ET 1	of 10		<u> </u>
MEVISION STATUS OF	SHEETS			REVISIONS					
		REV	ECO	DESCRIPTION		DRFT.	DATE	CHKD.	APPO.
		A		RELEASED			1.14.69		74
		B	PM4733	INACTIVE - SERVICE USE ON	LY	cc	3-21-69	<b>904</b>	
				SUPERSEDED BY 400990	00				
NOTES:			<del></del>						
,									
							N 4006400	~	
							ETACHED I		
COPIES TO				BY DM 11-22-CE CHED.	CI			Tul	Mei
PORM AA 1672				er  D  M  11-55-54 CHES.	16.	-172	784	745	11-52-48

MINNEAR	<u>.</u>		7	TI	TLE			RE LI	STING				WL SHEET	DOCUMENT NO. 40064000 2 OF	B
CONDUCTOR	FIND NO.	GAUG (REF.		COL(		LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINAT	ION	ACCESS FIND NO		REMARKS	
1	8	24		4			P205	21 -	5	\$301	С	30 <b>,2</b> (	5		
2		1		4			S301	NO	30, 26	P205	23	5	<u> </u>		
3	Щ						P205	22	5	S301	NC	30,2	5		
4	Щ						P305	1	19	TB300	3	18	<u> </u>		
5							TB300	3	18	P303	6	19	1		
6	Ц_	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}$	_	_	_		P303	5	19	TB300	4	18	<u> </u>		
7							TB300	4	18	P304	2	19			
A							P304	1	19	TB300	3	18			
9 .	Ш						TB300	4	18	P305	2	19_			
10							S300B	NO	30.26	P205	24	5			
11							P205	26	5	\$300A	С	30.2	<u> </u>		
12			_ [				S300A	NC	30 <b>.26</b>	P205	27		1		
13							P205	28	5	S3008	C	30,2	5		
14		$\prod$					C1	33	17,20	D1	9	17,20			
15		$\Pi$					TB300	5	18	P303	4	19			
16		$\prod$					.P303	3	_19	P205	37	5		· · · · · · · · · · · · · · · · · · ·	
17							P205	38	5	P304	4	19			l
18	8	24		4			P304	3	19	TB300	5	18			
19					•										

FORM, AA 1646

ga Markanakan		, <u>27</u> 2		TLE	-	/IRE LI	STING			_	W L	400640 3 OF	-	B
CCHOLOTOR	Fidb No.	GAUCE LREF.)	COLO		CRIG	:fe	ACCESS FIND NO	DESTINA	TION	ACCESS FIND NO		REM	<b>A</b> RAS	
20	8	24	4		P306	1_1_	_15_	P205	39	5				
21	1	1			P205	47	_5	C2	41	17.20				
22					C2	24	17.20	P205	50	5	-			
23					P205	51	5	C2	45	17_20	!			
24					C2	9	17.20	P205	52	5				
25	$\coprod$	il	1		P205	54	_5_	<u>C1</u>	32	17,20				
26					C1	44	17,20	P205	57	.5	!			
27			i		P205	58	5	C1 ⁻	42	17,20	<u> </u>			
28	LL	<u> </u>			C1	40	17,20	P205	62	5	<u> </u>			
29		i L			P205	63	5	C1	38	17,20	1			
30	$\prod$				C1	37	17,20	P205	66	5	;			
31	Ш				P205	67	5	C1	13	17,20	!			
32					<u>C1</u>	14	17.20	P205	72	5	!			
33	$\prod$				P205	73	5	C1	12	17.20	<u> </u>		····	
34	$\prod$	$\prod$			C1	9	17,20	P205	76	5				
35					P205	77	5	C1	10	17,20				
36					02	44	17,20	P205	78	5	<u> </u>			·
37	1				P205	75	5	D2	42	17,20	)			
38	8	24	4		02	40	17,20	P205	7.4	5	1			

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MINNEAP	OLIB, M	NNESOT/				DECK	ASSY				SHEET	4 OF	
CONDUCTOR IDEN T.	FIND NO.	GAUGE (REF.)	COLOR (REF)	LENGTH (APPROX)	ORIGIA	1	ACCESS FIND NO	DESTINA	TION	ACCESS FIND N		REMARKS	
39	8	24	4		P205	71	5	D2	38	17,2	0		
40					D2	37	17.20	P205	70	5			
41					P205	65	5	D2	13	17.2	0		
42					D2	14	17,20	P205	64	5			
43					P205	60	5	02	12	17,2	0		
44					D2	9	17,20	P205	59	5			
45				<u> </u>	P205	56	5	D2	10	17,2	ο.		
46					D2	32	17,20	P205	55	_ 5_			
47					P205	53	5	02	44	17,2	0		
48 .	8	24			C2	12	17,20	·D2	41	17,2	0		
49	9	20			P205	18	_6_	S303	NO	18			
50					5303	С	18	5302	NC	18			
51					5302	С	18	P205	25	6			
52					P205	32	6	TB300	3	18			
53					TB300	4	18	P205	35	6			
54					P205	36	6	TB300	5	18			
55					C2	46	21,22	02	46	21.2	2	···	
56		1			Ď2	48	21,22	C2	48	21,2	2		
57	9	20	4		C2	6	21,22	D2	6	21,2	2		

		), FI	TITLE		·	VIRE LI					WL SHEET	DOCUMENT NO. 40064000	PE
ONDUCTOR IDEN T.		GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	i <b>n</b>	ACCESS FIND NO	DESTIN	ATION	ACCES:	s. ¦	RE MARKS	
58	10	16	4		С	GRD	13	D	GRD	13			
59					P205	1	7	D1	48	24,25	5		
60					D1	46	24, 25	P205	3	7	:	•	
61	1				P205	2	7	D1	6	24,2	5		
62	10	16	4		٥	GRD	13	P2G5	20	7	1		
-63-	11	24	<u></u>										
63A			0		P306	2	15	P205	14	5	<u> </u>		
638			4		P306	13	_15_	P205	B	ئا			
64	11	24				<u> </u>					i · •		
64A			. 0		P205	5	5	J310	. 8	16,29	<u>.</u>		
648			4		P205	10	_5	J310	5	16,29	<u> </u>		
65	11	24									· · · · · · · · · · · · · · · · · · ·	:	
65A			0		J310	7	16,29	P205	12	5			
658			4_		J310	4	16,29	P205	15		<del> </del>		
66	11	24									<u> </u>		
66A			0		P205	7	_5	<u> 4310</u>	6_	16,29	4		
668			4		P205	11	_5	J310	1	16,29	<u> </u>		
		,								<u> </u>	<u> </u>		

Men tulida		na esta	TITLE		WI	RE LI DECK	STING ASSY				WL SHEET	40064000 6 CF	В
CONFUCTOR ISENT.	F:1.0 1.0.	GAUGE (AEF.)	COLGR (REF.)	LENGTA (APPACK)	05,6%		ACRES Francis	DESTINA	хт.о.;	ACCES: F.AC A		REMARKS	
67	. 11	24.						ļ		<b> </b>	<u> </u>		
67A			0		J310	10_	16,29	P205	14	_5_			
67B			4	<u> </u>	_J310	_2_	16.29	P205	17	_5_			
-68-	-11-	24					<u> </u>						
68A			0		P205 P205	13	<u>5</u>	J310	9	16,29	- r		
68B 69	13	24			P203	10		J310		16.29	4		
69A	1,	-67	0		P205	48	5	C2	13	17,20	.		
698			4		P205	49	5	C2	16	17,20	1		
70	11	24											
70A			0		C2	1	17,20	P205	45	5_	<u> </u>		
708			4		_C2	10	17,20	P205	46	5_	<del></del> -		
71	11	24				L					- <b> </b>		•
71A			0	·	P2C5	31	5	P305	3_	19	<del> </del>		
718			4		P205	34	5	<u>P3</u> G5	4	19	┼		
72	11_	24				-			_				
72A			0		- P305	5	19	TB300	1	18	+		
			4		P305	_6_	_19	TB300	- 2	18	<del> </del>		

3985	:1:1	1127	TITLE							T	WL	DOCUMENT NO 40064000	RE
		-			W	IRE L	ISTING				4 / L	40004000	E
HINNEAPO	DUS, M	NNESOTA		,	(	ECK /	SSY	Eleman compan		}	SHEET	7 OF	
CONDUCTOR	FIND NO.	GAUGE (REF.)	CCLOR (REF)	LENGTH (APPROX)	CRIGI		ACCESS FIND NO	DESTINA	TION	ACCESS FIND NO		REWARKS	
73	11	24		Ĺ									
73A			0	i i	T8300	11.	18	P304	5	19			
73B		1	4		TB300	2	18	P304	6	19		•	
74	11	24											
746		<u> </u>	0		P303	2	19	TB300	1	18		•	
748		<u> </u>	4		P3U3	1	13	TB300	2	18			
75	12	2C					<u> </u>				1		
75A	<u> </u>	i	SHIELD		$\triangle$			P205	29	6			
<b>7</b> 58		<u> </u>	0	<u> </u>	TB300	1	18	P205	30	6			
75C	<u> </u>	<u> </u>	2		TB300	2	18_	P2C5	33	6	<u> </u>		
76	51	24					<u> </u>					, Age	
76A			SHIELE	)	P205	79	6 (1)	A		l			
768			9		P205	BC_	5	D1	36	17.20	1		
77	31	24					l	Ì		<b>]</b>			
77A		1	SHIELD		4			P205	79				
77B			9		D1	37	17,20	P205	82	5			
78	31	24									1		
78A	i		SHIELD		4			<u>C1</u>	22	17.20	1	A	
788	İ		9		01	12	17,20	C1	21	17,20	)		

* ::-			TITLE		V.	IRE L	ISTING			,	ML	000UMENT NO. 40064000	В
- *16: 17: 65: 1*5	-3.74		<u>:</u>			DECK	ASSY	·		<u>ب</u> . ا	SMEET	g CF	
בסינטינים: בסינטינים: בסינטינים:	5.35 NO.	6406E (828.)	COLOR URSF/	LENGTH LEPASK	35.5		-0.000 0 No	DESTANA	T.C%	1.00E05 1.55 5.0		AE V NA 15	
79	31	24	<u> </u>		<u> </u>						<u> </u>		
79A			SHIELD	)	C1	26	17,20			<u> </u>			
798			9		C1	24	17,20	D1	13	17,20			
03	31	24					lI			l			
A08			SHIELD		D2	20	17,20	C1	26	17,20	l		
808			9		<u>D2</u>	18	17,20	C1	18	17,20	ļ		
81	31	24	<u> </u>	ļ			1!			l	J		
			SHIELD			17	17,20	02	17	17,20			<u> </u>
818		<u> </u>	9		C1	16	17,20	<u>D2</u>	16	17,20	ļ	· · · · · · · · · · · · · · · · · · ·	
82	31	24	ļ		<u> </u>	<del>-  </del>	<u> </u>	- <u></u>			1		
82A		ļ	SHIELD		D2	34	17.20	Ç1	34	17,20	<u> </u>	<del></del>	
828		! <del>!</del>	9		D2	36	17,20	C1 [.]	36	17,20	<b> </b>		
83	8	24	4		P205	40	_5	<u>c2</u>	<u>. ė</u>	17,20	ļ		
84	8_	24	4_		P205		5	C2	17_	17.20			
85	8	24	4		P2 <b>0</b> 5	42	5	\$305	C	34	<del> </del>		<u>_</u>
86	8_	24	4		P205	43	55	<u>\$305</u>	NO	34	<u>:</u>		
_87				· .		-				l	!		. !
88		<u> </u>	ļ		•					<u> </u>	<u> </u>		
89													

ONTROUG	IAIA		VIRE L	ISTING SSY		CODE IDE		HEET 9		WL	DOCUMENT NO. 40064000	ne y
ONDUCTOR IDENT	FIND NO	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGI	N	ACCESS ON CNIT	DESTINA	TION	ACCESS FIND NO	REMARKS	
90										Î		
91												
92											•	
93												
94												
95												
96												
97		L										
100	26	24	4	3	C2	40	2 <b>7,28</b>	R300	2	29		
101	43	20	4	5	C2	37	41,42	TB301	4	25		
102	26	24	4	3	C2	32	2 <b>7,28</b>	R303	2	29		
103	38	24	94		C1	41	-	C2	14	-		
104	43	20	4	5	C2	25	41, 42	TB301	2	25		
105	26	24	4	2	C2	28	27,28	R302	2	29		
106	26	24	4	2	C2	36	27, 28	TB301	1	25		
107	26	24	4	5	C1	16	27,28	R302	1	29,39		
108	26	24	4	5	C1	18	27,28	R303	1	29,39		
109	26	24	4	5	C1	36	27,28	R300	1	29, 39		
110	26	_ 24	4	2	TB301	1 1	25	TB301	3	25		

CONTROL	MA	WIRL DECK	LISTIN ASSY	ıG		CODE IDE		1EET 10 0	F 10	WL	40064000	"B
CONDUCTOR IDEN1	FIND NO	GAUGE (REF.)	COLOR	LENGTH (APPROX)	ORIGIN	4	ACCESS FIND NO	DESTIN	ATION	ACCESS FINL: NO	REMARKS	
111	31	18	2		C2	48	-	C1	48	•		
112	32	18	6		C2	6	•	C1	6	-		
113	31	18	2		C2	46	-	C1	46	-		
114	33	16	0	8	C2	50	34,35	GKD		36		
115	33	16	0	8	C1	50	34,35	GKD		36		
116	33	16	0	2	C2	2	34,35	GRD		36		
117	33	16	С	2	C1	2	34,35	GRD		36		
118			ļ									
119			ļ									
120	23	24	93	L	D2	24	-	D1	8	-	•	
121	23	24	93		D2	21		01	5			
122	24	24	94		D2	33	-	D1		-		
123	17	18	2		D2	48		D1	48	-		
124	18	18	6		D2	6	-	D1	6			
125	17	18	2		DΖ	46	-	01	46	-		
126	19	16	0	2	D2	50	20,21	GRD		22		
127	19	16	0	2	D1	50	20, 21	GRD		22		
128	19	16	0	8	D2	2	20,21	GKD		22		
129	19	16	0	8	D1	2	20,21	GRD		22		
		l	1.	1 .				<u> </u>	1	l		

CONTROL	COATA	CODE IDENT	SHEET	WL	100 6 4000
1.	FOR FIND NO. REFERENCED IN CONDU- SEE PL 40017000, DECK CABLE ASS	ICTURS 1 THRU	86	`	
2.	FOR FIND NO. REFERENCED IN COND. SEE PL 40015400, RIGHT PRE-AMP	UCTORS 100 TH CHASSIS ASSY.	IRU 117		·
<b>3.</b>	FOR FIND NO. REFERENCED IN COND. SEE PL 40015300, LEFT PRE-AMP C	JUCTURS 120 TH CHASSIS ASSY.	IRU 129		
$\Delta$	INDICATES END OF SHIELD IS FLOA	TING.			
<b>5.</b>	A HEXAGON IN THE ACCESS FIND NO THAT THE CONDUCTOR IS ONE OF SE SAME NUMBER IN THE HEXAGON) GO!! TERMINAL. THE NUMBER IN FRONT OF FIND NO.	EVERAL CALL WI	ITH THE.	AL.	
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İ					
					<del>-</del>

COMME DAM			WIRE	LIST -DEC	K ASS	Υ		j	WL		400		 000	J
MINNEAPOUS, MINNESOTA	PRODUCT	·	MULTI	PLE DISK	DRIVE				SHE		OF	_		<u> </u>
REVISION STATUS OF	SHEETS						REVISION	3						
		REV.	ECO		DES	CRIPTIO	N			DRFT.	DAT	E	CHKD.	APPD.
		Α		RLLEASE	D						1.14	.69		m4
		В	PM4733	DWG. NO	O. W	AS 4	10064	000		CC	15-6	-69	DCH	
		С	PM4834	DN CH	ANGE	10	ILY .			55	4-14	1-69	20c4	
		D	PM 5578	SEE C	.0					GV	7-15	-69	20CH	
		E	PE 11067	NO CH	1G						7-31-			
		F	PEHO67A	CANCEL	LED	EC	0		_	GV	8-1-6	.9	2004	
		G	PM5578D	SEE C	.0					DS	9.22	.69	97	9-22-
		н	PEII451	CHG WL 7	GA TO	824	7				3/31/7		97	π.
<del>                                      </del>		J	PEII451A	CHG WL 76	8,778	, 788,	798,808,	818 1 8	2 <i>B</i>	PC	3/31/	70	97	
<del>- - - - - - -</del>	1-1-1-													
<del>- - - - - -</del>	1 1 1 1										<b></b>			
<del></del>	<del>+                                    </del>										<b></b>			
<del></del>	<del>                                      </del>													
<del></del>	+ + + + + -				<del></del>						<del> </del>			
<del></del>	<del>                                      </del>			<del></del>		·							_	
<del>-┤-┤-┤-}-</del>	+-+-+-											_		
	<u> </u>			<u> </u>								<del></del>	<u></u>	
NOTES:														
		•												
											N 40	0990	000	
				_						П	LTACH	I D3	ISTS	
COPIES				T	87	DM	11-20-69	CHIED.	C.	1 11/2	7/4	ING R	769	11-22
70				L			1 "			-172	461			1, 55

MINNEAPO			† 	T	ITLE			IRE LI	STING				WL	DOCUMENT NO. 40099000	REV.
CONDUCTOR IDEN T.		GAI	UGE EF.)	COL		LENGTH (APPROX)	ORIGIA	1	ACCESS. FIND NO.	DESTINATION	DN .	ACCESS FIND N	5.	REMARKS	
1	8	2	4	4			P205	21 -	5	TB306	3	30	3		
2	1	1					TB306	2	38	P205	23	5			
3		П					P205	22	5	TB306	4	38		•	
_4							P305	1	19	TB300	3	18			
5		П					TB300	3	18	P303	6	19			
6							P3 <b>03</b>	5	19	TB300	4	18			
7							TB300	4	18	P304	2	19			
8							P304	1	19	TB300	3_	18			
9							TB300	4	18	P305	2	19			
10							TB302	1	38	P205	24	5			
11		П					P205	26	5	TB 303	24	38			
12	П						TB303	3	38	P205	27	5			
13				П			P205	28	5	P205 TB 302	4	38			
14	П						C1	33	17,20	D1	9	17,2	0		
15							TB300	5	18	P303	4	19			
16							.P303	3_	_19_	P205	37	5			
17					<u> </u>		P205	38	5	P304	4	19			
18 .	8	. 2	4	4			P304	3	19	TB300	5	18			
19		Γ										1			

	,	1,,111	TIFLE	<u> </u>	*						DOCUMENT NO. REV.
Long titales					V. DECK	IRE LI	STING			·	40099000 G
CCHOUCYOR	FIND NO.	GAUGE (REF.)	CCLOR (REF.)	LENGTH (APPROX)	CRIG:	N	ACCESS FIND NO.	DESTINA	TION	ACCESS. FIND NO.	REMARAS
20	8	24	4		P306	1_	_15_	P205	39	5	,
21	1	1	1		P205	47	_5	C2	41	17.20	
22				]	C2	24	17.20	P205	50	5	
23	П				P205	51	5	C2	45	17.20	
24	Ш			<u> </u>	C2	9	17.20	P205	52	5	
_25	Ш				P205	54	_5_	_C1	32	17,20	
26	Ш				C1	44	17,20	P205	57	5	
27	Щ			L	P205	58	5	C1	42	17,20	·
28	L				<u>C1</u>	40	17,20	P205	62	5	
29	Ш				P205	63	5	C1	38	17,20	
30	Ш				C1	37	17,20	P205	66	5	
31	Ш				P205	67	5	C1	13	17,20	<u> </u>
32	Ц				C1	14	17,20	P205	72	5	
33	Ш				P205		5	C1.	12	17.20	
34	Ш				C1	9	17,20	P205	76	5	
35	Ш				P205	77_	5	C1	10	17,20	
36					D2	44	17,20	P205	78	5	
37	1				P205	75	_5	02	42	17,20	,
38	8	24	4		<b>D</b> 2	40	17,20	P205	74	5	'

MINNEAP			TITLE	-	wı		STING AS3Y		,		WL SHEET	DOCUMENT NO. 40099000 4 OF	REV.
CONDUCTOR IDEN T.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINA	TION	ACCES!		REMARKS	
39	8	24	4		P205	71.	5	D2	38	17,2	0		
40	1				D2	37	17,20	P205	70	5			
41	Ш				P205	65	5	D2	13	17.2	0	•	
42	Ц_				D2	14	17,20	P205	64	5			
43					P205	60	5	D2	12	17,2	0		
44	Ш.				D2	9	17,20	P205	59	5			
45	Ш				P205	56	5	D2	10	17,2	0		
46					D2	32	17,20	P205	55	5_			
47	1				P205	53	5	<b>Q</b> 2	44	17,2	0		
48	8	24			C2	12	17,20	D2	41	17,2	0		
49	وا	20			P205	18	6	S303	NO	18	<u> </u>		
50					S303	С	18	S302	NC	18			
51	Ш				\$302	С	18	P205	25	6			
52		$\coprod$			P205	32	6_	TB300	3	18	<u> </u>		
53					TB300	4	18	P205	35	6			
54					P205	36	6	TB300	5	18	1		
55	$\sqcup \bot$				C2	46	21,22	D2	46	21.2	2		
56		1			D2	48	21,22	C2	48	21,2	2		
57	9	20	4		C2	6	21,22	D2	6	21,2	2		

MINNEAPO		., 10	TITLE			RE LI	STING SSY				WL SHEET	DOCUMENT NO. 40099000	REV.
CONDUCTOR IDEN T.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROXL)	ORIGIN		ACCESS. FIND NO.	DESTINA	ATION	ACCES: FIND N		REMARKS	
58	10	16	4		C	GRD	13	D	GRD	13			
59					P205	1	7	D1	48	24,2	5		
60					D1	46	24,25	P205	3	7		•	
61	1				P205	2	7	D1	6	24,2	5		
62	10	16	4		0	GRD	13	P205	20				
-63	_11_	24								ļ	<b>_</b>		. ———
63A			0		P306	2	15	P205	4	5			
638			4		P306	3	15	P205		_5_			
64	11	24				ļ				l	-		
64A		ļ	0		P205	5	5	J310	8	16,29	9		
64B			4		P205	10	5	J310	5	16,29	a		
65	_11_	24								ļ			
65A			0		J310	7	16,29	P205	12	5			
658			4_		310	4	16,29	P205	15	_5_	-		
<b>6</b> 6	11	24								ļ			
66A			0		P205	7	5	J310	6	16.29	-		
66B			4		P205	11	5	J310 .	1	16, 29	<b>)</b>		
50000 0000			<u>.</u>									•	

TITLE	WIRE L	ISTING ASSY		•	L	WL 40099000 J
COLOR LENGTH	ORIGIN	ACCESS. FIND NO.	DESTINAT	rion '	ACCESS. FIND NO.	
0	J310 10	16,29	P205	14	_5	
4	J310 2	16, 29	P205	17	_5	ii
	,					
0	P205 13	5	J310	9	16,29	·
4	P205 16	5_	J310	3	16.29	
					<u> </u>	
0	P205 48	5	C2 ·	13	17,20	
4	P205 49	5	C2	16	17,20	
					<b> </b>	
0	C2 1	17,20	P205	45	_5	
4	C2 10	17.20	P205	46	_5	
0	P205 31	5	P305	3	19	AFF.
4	P205 34	5	P305	4	19	,
						· ·
0	P305 5	19	TB300	1	18	
4	P305 6	_19	TB300	2	18	

(0)20	<b>?0</b> 1	DYATEA)	TITLE				<del></del>					DOCUMENT NO.	RE
					W	IRE L	ISTING				WL.	40099000	)   ::
MINNEAPO	DLIS, M					ECK /	ASSY			-	SHEET 7	OF	!
CONDUCTOR	FIND NO.	GAUGE (REF.)	GOLOR (REF.)	LENGTH (APPROX)	ORIGIN	1	ACCESS. FIND NO.	DESTINA	TION	ACCES!		REMARKS	
<b>7</b> 3	11	24											
73A			. 0		TB300	1	18	P304	5	19			
<b>73</b> B			4		TB300	2	18	P304	6	19		•	-
74	11	24											
748			0		P303	2	19	TB300	1	18			
74B			4		P303	1	19	TB300	2	18	·		
75	12	20_											
75A			SHIELD		4			P205	29	6			
75B			0		TB300	1	18	P205	30	6		•	
75C			2		TB300	2	_18	P205	33	6			
76	31	24											
76A			SHIELD		P205	79	6 1	A					
76B			9		P205	80	5.8	D1	36	17.20			
77 .	31	24									_	•	
77A			SHIELD		A			P205	79	3(1)	9		
778			9		D1	37	17,20	P205	82	5,8			
78	31	24											•
78A			SHIELD		<b>A</b>			C1	22	39,40 17,20		, -	
788			9		D1	12	17,20		21	17,820			

ESTEADOR	•	NNESOTA	TITLE		. V	IRE LI			•		NL SHEET	40099000 8 OF	<u>.</u>
MOUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGI	N	ACCESS. FIND NO.	DESTINATIO	N	ACCESS. FIND NO.		REMARKS	
79	31	24											
79A			SHIELD		C1	26	39,40	<u> </u>			ļ		
79B			9		C1	24	17,20	.D1	13	17,20	ļ		
80	31	24					10-45		<u></u>	20 40		· · · · · · · · · · · · · · · · · · ·	
A08			SHIELD		D2	20	39,40 17,20	C1	20	39,40 17,20	ļ		
808			9		D2	18	17 <mark>8</mark> 20	<u>C1</u>	18	17 <mark>8</mark> 20	ļ		
81	31	24					29 40		<u> </u>	392	<b>,</b>		
.81A			SHIELD			17_	39,40 17,20	02	_17_	39,40 17,20			
81B			9	<u></u>	<u>C1</u>	16	17,820	D2	16	17,820		•	
82	31	24			·	_	19.40		ļ	39.40			<del></del>
82A	<u> </u>	ļ	SHIELD		D2	34	79,40 17,20	<u>C1</u>	34	39,40 17,20	-		
828	<u> </u>		9		D2	36	17,820	C1	36	17,20	-		
83	8	24	4		P205	40	5_	C2	5	17,20	<del>  </del>		
84	8	24	4_		P205	41	5_	C2	17_	17.20	4	· · · · · · · · · · · · · · · · · · ·	
85	9	50	4	ļ	P205	42	5_	TB305	9	38	<del> </del>	<u> </u>	
86	9	50	4	-	P205	43	5	TB305	2	38			
87									<u> </u>				
88	ļ	<u> </u>	ļ			_	]		├	<b> </b>	<del> </del>		
89			İ				11			<u> </u>			

(i)\(ii)\(i)	fafe [	í.	VIRE L	ISTING SSY		ODE IDE		IEET 9		WL	document no. 40099000	REV.
ONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS FIND NO	DESTINATIO	)N	ACCESS FIND NO	REMARKS	
90												
91												
92						<del> </del>						
93												
94						-			<del> </del>			
95						-						
96						-			┼—			
97	26		-	3	C2	1	17 20	R300	2	29		<del></del>
100	26 43	24	4	5	C2	T	2 <b>7,28</b> 41,42	TB301	4	25		<b>-</b>
102	26	24	4	3	C2		27,28	R303	2	29		•
103	38	24	94		C1	41	_	C2 .	14	-		
104	43	20	4	5	C2	25	41, 42	TB301	2	25		
105	26	24	4	2	C2		27,28	R302	2 .	29		
106	26	24	4	2	C2	36	27, 28	TB301	1	25	,	
107	26	24	4	5	C1	16	27,28	R302	1	29,39		,
108	26	24	4	5	C1	18	27,28	R303	1	29,39		
109	26	24	4	5	C1	36	27,28	R300	1	29,39		
110	26	24	4_	2	TB301	11	25	TB301	3	25		

CONTROLI	ATA	WIRE DECK	L IST IN ASSY	ıG		CODE IDE		HEET 10		WL	DOCUMENT NO. 40099000	rev G
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)		LENGTH (APPROX)	ORIG	IN	ACCESS FIND NO.	DESTIN	IATION	ACCESS FIND NO	REMARKS	
111	31	18	2		C2	48	+	C1	48	•		
112	32	18	6		C2	6	Ð	G1	6	-		
113	31	18	2		<b>C</b> 2	46	£	G1	46			
114	33	16	0	8	C2	50	34,35	GKD		36		
115	33	16	0	8	C1	50	34,35	GKD		36		
116	33	16	0	2	C2	2	34,35	GRD		36		
117	3 <b>3</b>	16	С	2	C1	2	34,35	טאט		36	•	
118												
119												
120	23	24	93		D2	24	•	D1	8	•		
121	23	24	93		D2	21	-	D1	5	1		
122	24	24	94		D2	33	-	D1		-		
123	17	18	2		D2	48		D1	48	•		
124	18	18	6		D2	6	<u> </u>	D1	6	-		
125	17	18	2		02	46	<u> </u>	D1	46			
126	19	16	0	2	D2	50	20,21	GRD		22		
127	19	16	0	2	D1	50	<b>20,</b> 21	GRD		22		
128	19	16	C	8	D2	2	20,21	GKD		22		
129	19	16	0	8	D1	2	20,21	GKD		22		
130												

े क्षित्र करते । इत्तरकार	MA	NORMA	NDALE O	PERATION		1933	NT	DECK ASSY HEET 11		WL	DOCUMENT NO. 40099000	G REV.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	1	LENGTH (APPROX)	ORIG		ACCESS	DESTINATIO	ON	ACCESS FIND NO.	REMARKS	
131												
132												
133												
134	4	20	4	15"	ТВ305	3	7	S305	С	5,6		
135	4	20	4	15"	TB305	1	7	S305	NO	5,6		
136	4	24	4	4**	ТВ306	1	7	S301	NO	5,6		
137	4	24	4	4**	TB306	3	7	\$301	С	5,6		
138	4	24	4	4**	TB306	4	7	S301	NC	5,6		
139												
140	4	24	4	1"	TB302	3	4	\$300B	NO	5,6		
141	4	24	4	1**	TB302	4	4	\$300B	С	5,6		
142	4	24	4	1"	TB303	1	4	\$300A	NC	5,6		
143	4	24	4	1**	тв303	2	4	\$300A	С	5,6		
144												
145												
146			Ī		•			7.				•
147	2					Ì			T			
147A			5		J306	1	4	TB304	1	6		-
147B			2		J 306	2	4	L300		13,6		
147C		i	6		J 306	3	(3) 4	L300	T	13,6		*

WIRE LISTING DECK ASSY

CONTROLO	AYA	NORMAN	DALE OP	ERATIONS		19333	NT SH	1EET ^{12 OF} 12		WL	DOCUMENT NO. 40099000	G.
CONDUCTOR IDENT.	FIND NO.	GAUGE ( REF.)		LENGTH (APPROX)	ORIG	in	ACCESS FIND NO.	DESTINAT	ЮИ	ACCESS FIND NO	REMARKS	
147D			9		J 306	3	<b>③</b>	GRD		7		
149												
149									1			
150												
151												
152												
153	42	24	4	2"	TB304	3	51	\$304	NO	39,40		
154	42	24	4	2**	\$304	C	39,40	TE304	4	51		
155	42	24	4	8"	TB304	. 4	51	GRD		41		
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		<u> </u>	<u> </u>					<u> </u>		<u> </u>		
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AA 3103	<u> </u>						4	<u> </u>		<u> </u>	L	7007D 01 US

- 1. FOR FIND NO REFERENCED IN CONDUCTURS 1 THRU 86 SEE PL 40098900, DECK CABLE ASSY.
- 2. FOR FIND NO. REFERENCED IN CONDUCTORS 100 THRU 117 SEE PL 40099800. RIGHT FRE-AMP CHASSIS ASSY.:
- 3. FOR FIND NO. REFERENCED IN CONDUCTORS 120 THRU 129 SLC PL 40099900 LEFT PRE-AMP CHASSIS ASSY.
- A INDICATES END OF SHIELD IS FLOATING.
- 5. A HEXAGON IN THE ACCESS FIND NO. COLUMN INDICATES THAT THE CONDUCTOR IS ONE OF SEVERAL (ALL WITH THE SAME NUMBER IN THE HEXAGON) GOING INTO THE SAME TERMINAL. THE NUMBER IN FRONT OF A HEXAGON IS THE TERMINAL FIND NO.
- FOR FIND NO. REFERENCED IN CONDUCTORS 134 THRU 135 SEE PL 70804600, SWITCH SUPPRESSION ASSY; FOR FIND NO. 136 THRU 138 SEE PL 70804601, SWITCH SUPPRESSION ASSY.
- FOR FIND NO. REFERENCED IN CONDUCTORS 140 THRU 141 SEE PL 70959501, COMPONENT ASSY; FOR FIND NO. 142 THRU 143 SEE PL 70959502, COMPONENT ASSY.
- 8. FOR FIND NO. REFERENCED IN CONDUCTORS 147,A,B,C,D SEE PL 41279400 MAGNET ASSY.
- FOR FIND NO. REFERENCED IN CONDUCTORS 153 THRU 155 SEE PL 40014100 HEAD CARRIAGE ASSY.
- 10. CRIMP FIND NO 8 TO THE CONDUCTOR AND FIND NO 40 TO THE SHIELD USING FIND NO 39. THEN TEMPINATE BOTH JUMPSRS USING FIND NO'S INDICATED IN ACCESS. FIND NO. COLUMN.

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/3	1										FLOATING.											į
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COHEUCTOR IDENT.	FIND NO.	GAUGE (REF.)		LEMGTH IAPPROX)	ORIGIN		ACCESS FIND NO	-	DESTINAT	ION	ACCESS FIND NO:		REMARKS	
1	1_	12	4		FL01	L	2	1	C802	AT	2	Z	ØA	
2	1	12	4		FL02	L	2		CB02	8T	2		øв	
3	1	12	4		FL03	L	2	I	CB02	CT	2		ø c	
-4	1	12	4		FL04	L	2		TB01	1	3		NEUTRAL	
5	1	12	4		FILTER BOX	FRAME	2		TB01	4	3		A C GRD	
6	4	20	4		FILTERBO	FRAME	5		SHIELD	<u> </u>	6	$\mathcal{L}_{i}$		
7													•	
8														
9							<u> </u>							
10	3	20						1			<b>[</b>	L.		
10A			SHIELE		P05	3	5,2	4	<u> </u>			12	7	
108		ļ	0		P05	1	5	4	B200,	<u> </u>	6.7		· · · · · · · · · · · · · · · · · · ·	
10C			2		P05	12	5	4	B200	2	6.7	Ц		
	3_	20				<u> </u>	<u> </u>	4				Ц		
11A			SHIELD		P05	6	5,2	4	<u> A</u>			Ц		
11B		<u> </u>	0		P05	14	5	4	B201	1	6,7	Ц		
11C			2	ļ	P05	5	5	4	B201	2	6,7	Ц		
12	3	20	<u> </u>		`			4		4				
12A "			SHIELD		P05	9	5,2	4	<u> </u>			/2	<b>\</b>	
	<u> </u>		<u> </u>			<u> </u>	<u> </u>	┙			<u></u>	L		

	WIRE 2X FI	LISTIN NAL AS	IG SE <b>MB</b> LY		,	NT S	HEET 3 OF	3	WL	<b>DOCUMENT NO.</b> 40064500	REV. B
FIND NO.	GAUGE (REF.)			ORIG		ACCESS FIND NO	DESTINA	ATION	ACCESS FIND NO	REMARKS	
		0		P05	7	5	B202	1	6,7	$\triangle$	
		2		P05	8	5	B202	2	6,7	$\triangle$	***************************************
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		FIND GAUGE	FINED GAUGE COLOR NO. (REF.) (REF.)	PIND GAUGE COLOR LENGTH (REF.) (REF.) (APPROX)	NO.         (REF.)         (REF.)         (APPROX)         ORIGINAL           2         2         PO5           3         3         PO5           4         4         PO5           5         4         PO5           6         4         PO5           7         4         PO5           8         4         PO5           9         4         PO5           9         4         PO5           10         4         PO5	PMD GAUGE COLOR LENGTH (REF.) (APPROX)  0 P05 7 2 P05 8	PIND   GAUGE   COLOR   LENGTH   ORIGIN   ACCESS   FIND NO	PND   GAUGE   COLOR   LENGTH   ORIGIN   FIND   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   DESTINATION   NO.   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DESTINATION	MIN   CAUGE   COLOR   LENGTH   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN   CRIGIN	Mark   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Length   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Colon   Col	SHEET 3 OF 3   WL 40064500

CONTROL D		(Co	WIRING Trectio	ns)	٥	ODE OE		HEET			WL	DOCUMENT NO	REV
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)		LENGTH (APPROX)	ORIGIN		ACCESS	DEST	NATION		ACCESS FIND NO	REMARKS	
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OUNTROL DAM	TITLE WIRE	. LIST - CONTRO	DL PANEL	#L	400652		B B
MEAPOLIS, MININESOT	או כר	08		SHEET 1	OF 3		
REVISION STATUS	OF SHEETS		REVISIONS				
	,	REV. ECO	DESCRIPTION	DRFT.	DATE	CHKD.	APPO.
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MONEAPC	X.E	MII	INE	OTA	L							·		SHEET	2 OF 3	
COMPLICTOR	FIR		GAUG		COL	OR F.)	LENGTH (APPROIL)	ORIGIN		ACCESS. FIND NO.	DESTINATE	)N	ACCES FIND R		REMARKS	
1	2	1	2	4	1	4	11	J600	A	24	XDS 504	4	14			
2	7	П					9	J600	В		S50 <b>3</b>	NO	1			
3						Г	7	J600	С		XDS503	1			<u> </u>	
4	Н	$\Box$			$\vdash$	1	6	J6 <b>0</b> 0	D	24	XDS 503	3			:	
5	Н				T		7	x0S501	2.	14	\$503	С	14			
6	Н					1	10	XDS504	1	14	x <b>0</b> 5502	2	14,2	6		
7	П				Γ		8	J60 <b>0</b>	Ρ	24	XOS 500	1	14			
В					T		,	J600	Ú		XDS502	3	14,3	26		
9	П			Г	Т		7	J600	٧.		XUS502			_		
10				1	Τ		7	J600	w		X05502	8_				
11				Τ	T	T	7	J6 <b>00</b>	х		XUS502	9				
12	T				T	1	7	J6 <b>0</b> 0	Y		xDS502	10	14,2	26		
13	T	Г			T		10	J600	2	24	XDS501	4	14			
14	Ti			1	Τ		6	XDS503	2	14	XDS504	2	14			
15	7	21		24	T	T	7	J600	Ь	24	XDS502	1	14,2	26		
16	+-	22	-	20	T	T	10	J600	Ε	23	xDS501	1	14			
17	1			I	T	T	7	J600	F	1 4	XDS500	3	14			
18	T	•	T	•	T	1	11	J600	н		S501B	С	14			
19	۲,	?2		20	1	4	11	J600	J	23	S501C	. C	14			

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CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)		LENGTH (APPROX)	ORIGIN		ACCESS	- 1	DESTINATIO	N	ACCESS FIND NO	REMARKS	_
1	35	24	4	11	<b>J</b> 600	Α	28		XDS504	4	13		
2	A	À	4	10	J600	В	28	I	S503	NO	13		
3				10	<b>J</b> 600	С	28		XDS 503	1	13		
4				9	J600	D	28		XDS503	3	13		
5				7	XDS <b>5</b> 01	2	13		S503	С	13		
6	1	4		12	XDS <b>5</b> 03	2	13	1	XDS 502	2	13,30		
7	35	24		12	J600	Р	2 <b>8</b>		XDS 500	1	13		
88	36	20		7	×DS 501-3	С	13	1	C505	OME	13	/3	
9	35	24		12	J600	\ <u>\</u>	2 <b>8</b>	1	S510	N.0	<b>48,</b> 30		
10	1	1	<u> </u>	12	J600	W	2 <b>8</b>		S511	N.0	<b>48,</b> 30		
11	Ш	<u> </u>		7	J600	X	28	1	S512	N.0	<b>48,</b> 30		
12				7	J600	Y	28		\$513	N.O	<b>48,</b> 30		
13				12	<b>J6</b> 00	Z	28		XDS501	4	13		
14	7	Y		6	x <b>0</b> S <b>50</b> 0	4	13		XDS504	2	13		
15	35	24		7	J600	ь	28		XDS502	1	13.29		
16	36	20		14	J600_	Ε	27		XDS501	1	13		
17	4	<b>A</b>		11	J <b>6</b> 00	F	27		XDS500	3	13		
18		•	Ÿ	15	J600.	Н	27	_	S501B	С	13		
19	1	20	4	15	J <b>6</b> 00	J	27		S501C	С	13		
20	36	20	4	15	J600	Κ	27		S501C	NC	13		

<b>P(1)</b> (111;(1): 1,	AV.	N	GRAMNO	ALE		19333		IEET 3		WL	70957900	B
ONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGI	×	ACCESS FIND NO.	DESTINATIO	М	ACCESS FIND NO.	REMARKS	
21	36	20	4	15	J <b>6</b> 00	L	. 27	S501C	NO	13		
22	4	<b>A</b>	4	15	J <b>6</b> 00	М	27	S501B	NO	13		
23				15	J <b>6</b> 00	N	27	S <b>5</b> 01B	NC	13		
24				20	J <b>6</b> 00	R	27	TB501	8	13		
25	•	Y		20	J <b>6</b> 00	S	27	TB501	4	13		
26	36	20		21	J600	Т	27	C505	ME	13	4	
27	35	24		12	J <b>6</b> 00	ā	28	XDS 504	3	13		
28	4.	4		.3	S <b>5</b> 14	NO	31,30	TB500	1	13		
29				3	S510	С	(1)	S511	С	$\langle 2 \rangle_{30}$	31	
30				3	S511	С	(2)	S512	С	(3)30.	31	
31				2	\$512	С	(3)	S513	С	30,31	ì	
32				. 3	<b>S</b> 510	С	1)30,31	TB5 <b>00</b>	4	13		
33	1	Y		10	J <b>6</b> 00	U	2 <b>8</b>	S514	С	<b>4</b> )30,	31	
34	35	24		2	S514	С	4	TB 500	2	13		
35	36	20		2	S501A	NO	13	TB501	3	13		
36	35	24	Ÿ	3	XDS501	1	13	TB501	1	13		
37	36	20	4	4	S501A	· NC	13	TB <b>5</b> 01	7	13		
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		REVI		_	_	_	HEE	TS						REVISIONS					
Τ	I	$\Box$	I	$\prod$				,		REV.	ECO		DESC	RIPTION		DRFT.	DATE	CHKD.	APPO
$\prod$	$\prod$	$\Box$	$\mathbf{I}$							Α		RELEASE					1.16.09		MA
ļ	4	$\bot$	1	Į.	<u> </u>			Ц	$\perp$	В	PM 5548	NOTE I.	NO.	CHG. ONLY		GV	6-25-69	2004	6-26
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+	+	+	+	+	+	+		H	+	<del>                                     </del>	<del>                                     </del>					†		<del> </del>	
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OP TO	IES O	Т	1			Т						T	<b>0</b> Y	C. M. 1918/18 CH	KD. C	M. W	ATT ENGR	7wE	M-22

3071130	ATAM N	NRE LI	ST <u>-</u> F IL	TER BO	X ASSY	CODE IDE	SI	HEET 2 UF	2	WL	DOCUMENT NO. 40065300	B
CONDUCTOR IDENT.	FIND NO	GAUGE (REF.)		LENGTH (APPROX)	ORIG	IN	ACCESS FIND NO	DESTINA	MION	ACCESS FIND NO	REMARKS	
1	<b>2</b> 3	12	0	6	CBC1	AB	19	FL01	R	19		
2	24	12	2	6	<b>CB</b> 01	BB	19	FL02	R	19		
3	<b>2</b> 5	12	3	6	CB01	СВ	19	FL03	R	19		
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-			18. MI		_	-4			MU	LTI	PLE I	DISK DRIV		S	HEET	1 OF 25		
		REV	ISION	STA	TUS	07	SHE	ET3					, RE	VISIONS				
$\neg$	Ī		T	Τ	T	T .	Τ	:			REV	ECO	DESCRIPTION		DRFT	DATE	CHKD.	APPD
			7-		ļ	-	1 -	-	Ī		Α		RELEASED			1.17.69		11;1
			T		-	1		-	I		В	PM4734	SEE CO		TEM	3-10-69		
Ī				T	-						C	PM 5243	SEE CO		G۷	6-8-69	97	6-12-69
1	1	T	1	T	Γ		1	-	1		D	PM 5578	SEE CO		G۷	7-15-69	2004	7-21
-,[	-	T	1	Τ	1		1		[		E	PEHO66	SEE CO		GV	7-18-69	204	7-21
	1	1	1	1	1		1		Ī		F	PE11088	SEE CO			8-14-69		
1			1				i		Ī		G	PM55780	SEE CO S/N 3	311 .	GV	8-14-69	2004	8-18
_	•	1		1	1			1	T		Н	PE 11148	INACTIVE, SERVICE	E USE ONL	۲,			
				1			<del> </del>		1			3/N 575	SUPERSEDED BY	70821700		9.18.69	III.	9-24-9
		1		1	Ī.		1			Π.	J	11148 A	REACTIVATED		A.K	1/13/70	97	
			1	1	1	Γ	1		Π		K	PE 11099	INACTIVE, SERVICE U	SE ONLY	NL	2/2/70	97	I
1			7									-	SUPERCEDED BY TO	716700				
			1				T											
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-	PIES	1	-		_	Т							BY 0.M. 11	DATE CHKD. C	14	ALR ENGR	7100	1,200

(क्क्राह्म	Ra:	OVERNO.	TITLE			VIRE LI				V	VL 40019800
IINNEAP	OLIS, M	INNESOT		<u>,</u>	POWER S	UPPLY A	SSY			S	HEET 2 OF
ONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	IN	ACCESS. FIND NO.	DESTINA	ATION	ACCESS. FIND NO.	REMARKS
1	3	16	4		C14	1.	4	T01	3	7(1)	
2	•	1	A		T01 ·	3	(1)	CR04	4	4,15	
3	П				CR04	3 .	4,15	C05	N	9(2)	•
4	$\prod$				C05	N	(2)	C09	N	11(3)	
5	11				C09	N	3	TB02	4	4	41
6					TB02	2	4	C06	N ·	11(4)	
7					C06	N	4	RO2 .	R	4,15	
8	П				RO2	L	4,15	C06	Р	9(5)	
9	П				C06 .	Р	(3)	CR05	1	4,15	
10					CR05	4	4,15	T01	9	1	:
11					T01	10	1	CR05	. 2	4.15	
12					CR05	3	4,15	C06	N	4	
13					C08	N	6	RO4	L	10	\$
14					RO4	R	10	C04	Р	6	, ,
15					T08	1	4,15	T05	3	4	
16					T05 -	1	4	T01	. 8	76	м.
17					T01	8	6	T03	1	4	
18		1			T03	3	4	T09	1	4	
. 19	3	16	4		T09	2	4	T01	6	1	

(\$1918)				T	ITLE			IRE LI	STING	ev			WL	40019800	NO. REV.
MINNEAPO CONDUCTOR		1	GAUGE	COL		LENGTH			ACCESS.		art a section of	ACCESS			
IDENT.	NO	-+	(REF.)	(RE	F.)	(APPROXU	ORIGI	<del></del>	FIND NO.	DESTINAT		FIND NO	1	REMARKS	
20	3	_	16	<u> </u>	4		T01	4	1	T09	3	4			
21	1	_	4	1_	1_		T09	4	4	CR04		4,15	1		·
22	Ш			Ŀ	L		CR04	1	4,15	C05	P	9(7	)		
23	Ш						<b>C</b> 05	Р	7	C09	Р	9 <b>(</b> B	<u> </u>	<u> </u>	
24	П						<b>C</b> 09	P	(B)	R03	т	5, 12			
25							R03	8	5. 15	C09	N	(3)			
26	П	-					<b>C</b> 02	N	6	R01	В	5, 12			
27	П	Ī		T			R01	T	5.12	C02	Р	6			
28				Т			T05	4	4	T01	5	7(9	>		
29	П				T		T01	5	(9)	T03	4	4	1,35		
30	П						T02	1	4	T01	8	7 (10			
31	П						T01	8	(10)	T04	1	4			
32							T04	3	4	T07	1	4			
33	П				Τ		T07	2	4	T01	7	7(1)			
. 34	$\prod$			T	T		T01	7	(1)	T08	2	4,15			o T
35				T			T08	3	4	TB08	3	4			
36	П			T	T		TB07	2	4	T07	3	4,15			
37			1		1		T07	4	4	C07	N	6			
38	3		16	T	<u>.</u>		T07	5	4	TB08	2	4			

NINNEAPO	DLIS, M	NNESOTA			POWER SI		ASSY				SHEET	4 OF		
ONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGI		ACCESS. FIND NO.	DESTINAT	ION	ACCESS FIND N		REA	IARKS	
39	3_	16	4		TB07		4	T08	6	4				
40		1	. 4		C14	R	4	T01	8	1				
41		•			T01	5	7 (12)	T02	4	4			•	٠
42	3	_16		<u>                                     </u>	T04	4	4	T01	5	12				
43	2	14	Ŀ		TB07	1	<b>9</b> 8	T01	13	7			•	
44	4	<u> </u>			T01	12	7	C07	Р	9			-	
45					C07	Р	9	C03	L.N.					
46	Щ_				C03	Р	9	T08	5					
47	Ц_				TB08	1 .	8	T01	11	_ Z _				-
48					T01	15	7	C01	N	وا	1			
49					C01	N.	9	C02 '	N	9			خـــــ	
50					C02	Р	9	L01	2	8				
51				5	L01	1	8	CO1.	Р	9	<u> </u>			
52					C04	N	9 ?	C08	P	9				
53				<u>;</u>	C08	Р	9	C07	P	9				
54	1	1			C08	Р	9 (	TB02	3	_A_				
55	2	14	4	l s	T802	1	8	C02	N	9				٠, .
56							3							
57							j .			<u> </u>	<u> </u>			
ORM AAIGO	<b>.</b> 9	٠.	7 - 1 - 5	i		1. 4						•	: 17	•

(2003)		5/11/1	TITLE		WI	RE LI	STING		•	Ĺ	WE 4	OCUMENT NO.	
	JUS, MI	NAMESTA		·	POWER	SUP	LY ASSY		ETTATO		SHEET 5 OF		neralistical
IONNUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS.	DESTINAT	TION	ACCESS		REMARKS	
58			<u> </u>	<u> </u>						<u> </u>			
59				1 .	İ		11			J			
60			1.	,						i: Y			
61				#			4						
_62				· [		·			i				
63				ä						;			
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65	1			i						1			
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76		1	1	2			4			!!			

(49)	301.	DAVA	TITLE		W	WIRE LISTING							ENT NO. 800	RC/
INNEAPO	US, M	INNESOT		<del>,</del>	POWER	SUPPL	Y ASSY				SHEET	6 OF		
ONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGII	N	ACCESS. FIND NO.	DESTINA	ATION	ACCESS FIND NO		RE	MARKS	
<b>7</b> 7	4	16	16 4		<b>C</b> B03	AT	8	CB02	AT	9 (1			•	
78	1	1	4		CB02	AT	$\bigcirc$	CB103	AT	8			4	
<b>7</b> 9					CB03	AB	8	C21"	ME	5	. 4	<b>a</b>		
80					TBII	Į. I	5	J03	1	13				
81					J03	2	_ 13	FL12	CAP-B	5				
82					C22	ME	5	C803	88	8	1	<u>(£</u>		
83					CB103	ВТ	8	CB02	ВТ	9 (3	<b>)</b>		-	
84					CB02	BT	(3)	CB03	ВТ	8				
85	-				CB02	AB	8	<b>J</b> 02	1	_13_				
86					<b>J</b> 02	2	13	CB02	88	8				
87				213	CB03	СТ	8	CB02 ·	ст	12 4	<b></b>			
88					CB02	СТ	4	CB103	СТ	8				
89					CB03	СВ	8	C23	ME	5	13	7 :		
90				·	FL13	CAP-B	5	J03	اع	_13				
91					J02	3	13	CB02	СВ	8				,
92	1	¥	Y		CB02	AT.	9 (5)	XF03	Т	10				
93	4	16	4	G	XF03	В	10	TBII	2	_ 5			1 .	
94						1		,				•		
95	4	16	4		C123	ME	5	CB103	СВ	8	13	`	· .	/
0RM AA 166												7(	060250	00 B
7													••	

(HI)/HI			TITLE				STING PLY AS	SY			WL SHEET	DOCUMENT N 40019800 7 OF	io. <u>n:</u> . K
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIA	( ·	ACCESS.	DESTINA	rion	ACCESS		REMARKS	
96	4	16	4		CB103	BB.	8_	C122	ME	5	<u>/13</u>	7	
97	_ <b>A</b> _	_A_	<b>A</b>		FL113	CART	5	J103	3	13			
98					<b>J</b> 103	2	13	FLI12	CAPT	5		•	
99					TBIII	1	5	J103	1_1_	13			
100					C121	ME	5	C8103	AB	8	13	7	
_101_					XF04	В	10	FL05		8			
102					FL06	L	8	XF05	В	10			
103	_	<b>V</b>			XF05	Т	10	CB02	СТ	4			
104	4	16		<u> </u>	CB02	ВТ	9(9)	XF04		10			
105	_3_	20			TB03	11	10	_TB03	9.	10	<u> </u>		
106		1		<u> </u>	TB03	9_	10	TB03	7	.10_			
107				K	TB03	1	10	CB02	AT	(3)			
108				<u> </u>	CB02	ВТ	<u>(9)</u>	T803	3	10			
109					TB03	5	10	CB02	СТ	8 (10	<b>)</b>		
110					C802	СТ	<u></u>	DS04	8	_10			
111					_DS04	Т	10	_TB01	1	11			
112					TB01	1	_11	P106	2	_14_			
113	_	1	1	r	P106		_14	TBIII		5			
114	3	20	4	1	FL 114	CAPLT	5	J103	6	14			

نشاث				ŊŸ.			TITLE				STING	;			WL	DOCUMENT NO. 40019800	REV.
	NEAPO	1	1	GAU		1	LOR	LENGTH	PUI		ACCESS.	31	a ka ar an	ACCESS	SHEET	8 OF	
	IDENT.	NC		(RE			EF.)	(APPROX)	ORIGIA	·	FIND NO.	DESTINAT	TION	FIND N		REMARKS	
	115	3		2	0_	4	•		J103	7 .	14	TB01	2	11			
	116	A		4			4		T801	2	11	J03	7	14			
	117								J03	6	14	FL14	CAPB	5		i i i i i i i i i i i i i i i i i i i	,
$\cdot \mathbb{L}$	118								TBII	2	.5	_105	1	14	, i		,
	119								J05	2	14	TB01	1	11			
	120								TB01	1	11	TB03	7	10			
	121								J03	8	14	TB01	4	11	1.:		
	122								TB01	4	11	J103	8	14			
	123	П							J103	5	14	TB01	3	11			
$\langle \Gamma$	124	П							TB01	3	11	J05	3	14			
	125	П					Π		J05	4	14	TBIU	2	5			
	126	Π.			,	-			TBIII	2	5	J05	7	14			
	127	П				Г			105	8	14	TB01	2	11			
	128	П					٠.		TB01	2	11	J05	5	14	1		
	129	$\sqcap$				Ι.			J05	6	14	TB01	4	11.	1		
	130	$\sqcap$							TB01	4	11	J05 :	9	14			3
	131						1		J103	4	14	TBO1	3	11			· · · · · ·
	132	1			,	1	-		TB01	3	11	103	5	14		大人 化水黄性毒	75
1	133	3		-2	0	1	-		J03	4 -	14	TB01	3	11	1		1.55

	<u>.</u>		NESOTA	Ti	TLE		VIRE LI	STING PLY ASS	S <b>Y</b>	·		WL SHEET	DOCUMENT NO. 40019800	RE K
ONDUCIOR	1	NO	GAUGE (REF.)	COLO		TE		ACCESS.	DESTINA		ACCES		REMARKS	
134	3		20	4		TB01	1	11	MRI16	13	44			
135	1		4	•		P06		14	тви	1	5			•
136						J02	4	14	TB01	3	11		•	
137		·				TB01	4	11	J02	5	1			
138						TB03	2.	10	TB03	8	10			4.4
39	Ц					TB03	10	10	TB03	4	10			
40	Ш					TB03	6	10	TB03	12	10			
41						B01	L	17.18	TBII	2	5			
42						TBIII	2	5	B02	L	17,1	18		
143			· 1	7		B02	R	17,18	TB01	2	11			
44		3	20	4		TB01	2	11	B01	R	17.1	8		
45	L					)					ļ			
46	L						,							
47						i i			* 4.					
48												1		
49													•	
50														
51													•	
52					•	i			•	,				

ante	रिहा	*)/17//	TITL	E	WI	RE LI	STING		• *	,	WL	400198	ENT NO.	
MINNEAPO	LIS, M	INNESOTA	(		POWER	SUPP	LY ASSI	<b>/</b>			SHEET	10 OF		
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROXI)	ORIGIN		ACCESS.	DESTINATI	ON	ACCESS FIND NO		REI	MARKS	
153	10	16	4		<b>C</b> B0 <b>7</b>	T:	2	<b>C</b> 02	Р	7(1)	Σ		·····	
154.	Δ	1 4	1		C02	Р	(D)	CB107	I T	2				
155					CB106	T	2	C09	P	7(2)	· ·			
156					C09	Р	(2)	CB06	т	2				
157					CB06	В	2	C32	ME	5.		<u>(3</u>		
158					FL15	ME	5	TB02	11	12		<u>(a)</u>		
159					TB02	11	12	J04	21	3				
160					J04	20	3	K102	14	23	1.			
161					K102	1C	12,25	CB04	В	13(4)	<b>)</b>			
162					CB04	В	4	K02	10	12,2	5		er e ^r e	
163					K02 .	1A	23	J04	18	3				
164					J04	17		TB02	13	12_	<u> </u>			
165					FLI6	ME	5	TB02	13	12	1	<u> </u>		
166					C33	ME	5	XF02	В	16		<u> </u>	<u> </u>	
167					XF02	T	_16_	C06	Р	76	<b>\</b>	· · · · · · · · · · · · · · · · · · ·		
168					C06	P	6	XF102	7	16				
169					XF102	8	16	C133	ME	5.		<u> </u>	<u> est di</u>	7
170		17	Y		FLII6	ME	5	TB02	14.	12		<u> </u>		<u>( )</u>
171	10	16	4		TB02	14	12	J04	35	3				
FORM AA IG	59						14.				· ·	٠.	•	

(CONT)	:		TITLE		POWER	SUPPL	ISTING Y ASSY	**************************************			WL SHEET 1	DOCUMENT NO. 40019800	REN
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGI		ACCESS.	DESTINA		ACCES:		REMARKS	
172	10	16	. 4		J04	- 29 ·	3	K102	3A	23	1		
173		4	4		K102	3C	12,25	CB05	B	13(8	<b>Y</b>		
174					CB05	В	(8)	K02	30	12,25	- 1	•	•
175					K02	3A .	23	J04	28	3			
176					J04	30	3	TB02	12	12		•	
177					FLII5	ME	5	TBOZ	12	13	1 13		
178			<u> </u>		C132	ME	5.	CB 106	В	2	13		
179					CB107	В	2	.:K102	2C	12.2	5		
180					K102	2A	23	04	14	3			
,181					J04	13	3	K02	2A	23	<b>.</b>		
182					K02	2C	1225	CB07	В	2			
183					CB04	T	2	C04	Р	12			
184				j	C08	N	2	CBQ5	T	2		. **	
185					CB05	В	(8)	J04	11	3			
186					J04	3	3	TB02	5	12	1		
187.					TB02	5	. 12	J04	2	3			•
188					J04	1	3	<b>T</b> BO2	6	12			
189	1	7	1		TB02	7	12	XFO1	В	16			
190	10	16	4		XF01	T	16	C03	Р	2	1		

वागुरा	<b>:</b> (1):	MW	TITLE		w	IRE LI	STING			V	٧L	DOCUMENT NO. 40019800	K ES
MINNEAPO	ous, M	INNESOTA	-	PC	WER SUPPL	Y ASSY			~~	S	HEET	12 _{0F}	
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN	. J. Sharre.	ACCESS. FIND NO.	DESTINAT	ION	ACCESS. FIND NO.		REMARKS	
191	10	16	4		TB02	3 ·	12	TBO4	2	16			
192	10	16	A		C804	В	4		12	3			,
193	21	20_			.104	33	4_	K101	R3	15.24		•	
194	1	1.					14(2)	104	48	4			
195			<u> </u>		J04	46	4	TBOS	111	5			
196			- -		TB09	5	5	04	45	-	·.		
197						43	4	S07	= 81	1125		-	
198			_		S07	_B3_	11,25	104	42	4			
199					J04	41	4	S07		11,25			
200		<u>                                     </u>			S07	_C3_	11.25	JG4	40	4		**	
201						_39	4	K05	18	15.24			
202					K05	R2	15,24	TB02	_2_	11_		· · · · · · · · · · · · · · · · · · ·	
203		<u> </u>			_TB02	2		K105		15.24			
204			<u> </u>		K105	18	15.24		54_	4		· · · · · · · · · · · · · · · · · · ·	
205	<u> </u>		<u> </u>			-55		S107	ca_	11.25			
206		-	<del>    -   -   -   -   -   -   -   -   -  </del>		S107	_C1	11,25	104	56		·		
207	1		-		104	57	4	S107	B3	11,25			
208	_1_	1	1		S107	B1	11, 25		-58-				-
209	21	20	4		J04	65	4	\$107	C2	12 (47)	25		

<b>ा</b> र्ग	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		TITLE				ISTING			L	WL	00CUMENT NO. RE 40019800
MINNTAPO		1	i –		POWER	SUPPLY	ASSY			·1	SHEET	13 OF
CONCUCTOR IDENT.	FIND NO.	(REF.)	(REF.)	LENGTH (APPROX)	ORIG	IN	ACCESS.	DESTINA	TION	ACCESS		REMARKS
210	21	20	4		S107	B2 ·	12(48)	S107	C2	(17)		
211	4	<b>A</b>	4		S107	B2	(98)	K101	L3	15.24		
212					K101	L2	15.24	J04	64	4		•
213					J04	62	4	TB109	.11	5		
214		<u> </u>			TEIOS	.5	5	J04	60	4		
215	_				J04	52	4	TB02	7	(2)		
216			<u> </u>		TB02	7	14	J04	37	4		
217					J04	53	4	J04	66	3 (14		
218					J04	66	1	K105	19	15.2	4	
219					JG4	51	4	TB02	5	11		
220					TB02	5	11	J04	36	4		
221	- -				J04	26	4	TB02	3	11		•
222	-				TB02	3	11	J04	16	4	<u> </u>	
223	- -				.104	24	4	K01	R3	15,24		
224	-				K01 -	R2	15,24	S02	B2	25,11		
225	$\dashv$				S02	B3	25,11	TH02		_11_		
226	- -		-1-		<del></del>	+						/
227	-				K03	1	15,24	TB02	9	-11		
228	21	20	4		T802	9	11	K05	1	15,24		• • •

TINE			TITL		WI POWER S		STING ASSY	. :			WL	DOCUMENT NO. 40019800	K
ONDUCTOR IDENT.	1	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN	Henri	ACCESS. FINO NO.	DESTINATA	ON	ACCES FIND N	s.	REMARKS	
229	21	20	4		KO5	R3	15,24	K02	L2	14 (	3	-	
230	4	A	. 4		K02	L2	(13)	TB04	8	16		÷-	
231					TB04	.8	16	K01	L6	15,2	4	• •.	
√232					'K01	L5	15,24	TBO2	2	14 (			
233					TB02	.2	<b>6</b>	K101	L5	15,2	4	_	
234					K101	L6	15,24	K102	L2				
235					K102	L2	(17)	TB04	22	16			
236					_TB04	22	16	K1D5	R3	15,2	4		
237					K105	<b>R5</b>	15,24	TB02	4	14 (		ulte	
238					TB02	4_	(B)	SSW104	4	11			
239					SSN103	4	14 (19)	SSW102	4	146	0		
240					SS#102	4	20	SSW101	4	_11			
241					SSW103	4	0	TB02	4	11		, ,	
242					TB02	4	11	SSW04	4	11			
243					SSW04	3	11_	K04	13	15,2	4		
244					K04	L2	15,24	TB02	9	11		•	
245					TB02	10	11_	S102	В3	11,7	S		
246	1	7	Y		\$102	A2	72 60	TB04	21	16			
247	21	20	4		TB04	7	16	S02	A2	12(4	8		

		N.W.Y	TITLE				STING Ly assy			L	WL	4001980		ECV.
ONOUSTOR		GAUGE (REF.)	GOLOR (REF.)	LENGTH (APPROX)	ORIGIN	JUFF	ACCESS.	DESTINAT	ION	ACCESS FIND NO		REMAR	KS .	
248	21	20	4		S02	A3.	11,25	CB07	30	5				
249	4	1	4		S02	A2	(46)	· K02	L1	11				
250	4	A	₩		K102	L1	11	\$102	A2		·			
251	21	20	4		S102	A3	11,25	CB 107	30	5				
252	<u> </u>					ļ						· · ·	· ·	
253	21	20	4		TB02	7	12 (21)	CB02	58	5				
254	1		4		CB02	30	5	_CBO4	5B	5			* : .	
255	- -				CB04	30	5	CB05	58	5	1.			
256					CB05	30	5	CB107	5B		<u> </u>			
257	- -				DS109	В	8	TB02	12.	11_	1	<del></del>		
258	1				TB02	14	11_	DS 106	В	8	<u> </u>			
259	$\vdash \vdash$		-	ļ	DSC6	B	8	TB02	13_	_11_	<u> </u>			
260					TB02	111		DSO9	8	8	-		<u> </u>	
261	$\vdash \vdash$	-			_CB07	-5B.	5	_C805	30_	_5_				
262	$\vdash \vdash$		_ _		ТВ02	4	11	SSW03	4	14 6				
263	<del>                                     </del>				SSW03	4_	፟	SSN02	4	14.5	<b>}</b>	<del></del>	· · · · · · · · · · · · · · · · · · ·	
264	$\vdash \bot$	$\vdash$	<del>                                     </del>		SSW02	4_		SSW01	4	كتل	<del></del>			
265 266	21	20	4		SSW01 SSW02	3	14 (24)	SSW02	3	14 (2) 14 (2)	-	· · · · · · · · · · · · · · · · · · ·	··	<del></del> -

icio)NEE	Kili	NAW.	TITLE				STING			WL	DOCUMENT NO. 40019800	EE.
MINNEAPO	US, MI	NNESOTA		· · ·	POWER SU	JPPLY	ASSY	TITOLIA E ANGELIA DE		3.1EE	T 16 OF	
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN	· .	ACCESS. FIND NO.	DESTINATI	ON	ACCESS. FIND NO.	REMARKS	
267	21.	20	4		ssw03	3 ·	24	K03	12	15 24		
268					KU4	1	15,24	SS#01	3	23		
269					SSW101	3	14 27	SS#102	3	14 (28)	•	
270					SSW102	3	<b>(28)</b>	SS#103	3	14 (29)		
271					SSW103	3	(79)	K/03	13	1524		
272			·		K103	L2	1524	TB02	10	11 .	1	
273					TB02	10		K103	1	15,24	•	
274					K105	1_1_	15.24	TB02 '	10	11		
275					TB02	10	11	K104	LZ	15,24		
276		-			K104	<u> </u>	15,24	SSW101		<b>9</b>		
277	V	A	₩.		SS#104	3	11	K104	L3	15,24		
278	.21	- 20	4		K101	12	15,24	S102	B2	11,25		
279											<u> </u>	
280	.21	20	4		507	B2:	12 (13)	K01	1.3	15,24		
281	17	24			K02	2A	11_	0505	B	8		
282	Å				0805	T	8	TB02	6	11 30		
283					TB02	6	<u> </u>	DS105	1	8		
284		7	7		05105	A	8	K102	24			
285	17	- 24.	4		K102	14		DS107	В	8.		

en)/FF	शाः	(3X4AV)	TIT	LE	w	IRE LI	STING				WL	DOCUMENT N 400-19800	o. RE
IINNEAPC	LIS, MI	NNESOT				R SUF	LY ASS		•		SHEET	17 OF	
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLO		ORIGIN	1	ACCESS. FIND NO.		ATION	ACCESS FIND NO		REMARKS	
286	17	24	4		DS 107	1.	88	TB02		116	ì		
287	Å	<b>A</b>	1		TB02	1	3	DS07	T	8			
288					DS07	В	8	K02	1A	<b>!</b> //		•	
289					K02	3A	11.	DS08	В	8			
290					0508	T	8	TB02	6	116	2)		
291					TB02	6	(32)	DS108	۲	8			
292					DS108	В	8	K102	3A	: 11		·	
293					K102	4C	1 1,25	TB02	8	116	3	•	
294					TB02	8		K05	L9	9,24			
295					K05	R1	9,24	K04	2	24.1	5 (34)		
296					K04	2	34	J04	27	6			
297					J04	25	6	TB02	8	11 (	3		
298					TB02	8	<b>3</b>	K101	1_1_	9,24			
299					K101	2.	24.9	T602	4	11			
300					TB02	1	111(36)	1	Т	8			
301					0510	B	a	TB02	7	<b>61</b> )			
302					TB02	7	11 (40)	S01	А3	11,2	5		
303 ·	7		V		S01		11,25		· 2	116	7)		
304	17	24	4		TBU2	2	(37)	K05	R5	9.24			

(विधान	रिहीः	eyaya)	TITLE			RE LI	STING	ecv		WI	40019800	RE". K
MINNEAPO	DLIS, MI	NNESOTA		_	ru		TEL A	JJ1		SHEE	T , 180F	
ONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINAT	10N	ACCESS. FIND NO.	REMARKS	<u> </u>
305	17	-24	4		K05	к6	9,24	· K03	L5	9,24		
306	4	Δ	<b>A</b>		κ03	L6	9,24	J04	8	6		
307					J04	7	6	K05	2	9,24		
308					K01		9.24	_TB02	1	36		
309					<b>T</b> B02	1	11 (38)	S102	C2	11,25		
310					S102	<u>C1</u>	11,25	TB04	20	8		
311					TB04	20	8	J04	59	6		
312					104	49	6_	S01	Δ2.	25 (3)		· · · · · · · · · · · · · · · · · · ·
313					S01	_A2	(43)	K02	4C	25 3		:-
314					K02	AC	. 39	_ко1	-1	9,24		
315					K01	L2	9,24	TB02	7	40		
316				•	TB02	6	11	к03	2	9,24	· · · · · · · · · · · · · · · · · · ·	
317					J04	50	6	K02	4A	11	<u> </u>	
318					K102	4A	11	S07	C2	25 (4)		
319					S0 <b>7</b>	C.7		S07	. B2	.45)		• • • • •
320					S02	· Ç1	11,25	TB04 ·	6	8		
321				•	TB04	6	8	J04	44	6		
322	1	1	1		J04	22	6	DS111	6	8		
323	17	24	4		05111	T	8	TB02	3	11(1)		

TO THE			TITLE	:	WI POWER		STING Y ASSY	•			WL SHEET	DOCUMENT NO. 40019800 19 0F	K.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS. FIND NO.	DESTINAT	TION	ACCES!		REMARKS	•
324	17	24	4		TB02	3-	41)	DS11	T	8			
325	1	1	•		DS11	В	8	J04	10	6			
326					J04	15	6	K104	. 2	24,1	5 (42)	•	
327					K104	2	42	K105	R1	9,24			
328					K105	2	9.24	J04	5	_6_	٠		<u> </u>
329					J04	4	6	K103	16	9,24			
_330_				ļ	K103	_1.5	9,24	_K105	R6_	9,24	<u> </u>		
331			_ _	ļ	K103	_2	9.24	TB02	3	11	_		
332			<u> </u>		_TB02	1		502	C2	11,2	5		
333					DS09 -	T	8_	TB04		8		· .	
334					TB04	15	8_	DS109		8_			·
335				<u>                                     </u>	_S01	_B3	11,25	TB04	5	8_	ļ		
336					TB04	5	8	TB04	19	8_	_		
337	_ _				TB04	17.	8	DS106		8_			
338				ļ	D306	7	8	TB04	3	8	_		·····
339	1	<u> </u>	<u> </u>		TB02		11	J04	67	6_		·	·
340	17	24	4.		J04	70	6	TB02	12	11			<u></u>
341	21	20_	4_		TB04	2	16	TB04	4_	16			
342	21	20	4		TB04	4	16	TB04	16	16			

ःगशन	स्क	DU.V	TITLE				STING				WL	DOCUMENT NO. 40019800	REV
MINNEAPO	OUS, MI	NNESOTA		<del>,</del>		SUPP	LY ASSY	The same in many			SHEET	20 OF	
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGI		ACCESS.	DESTINATIO		ACCESS FIND NO		REMARKS	
343	21	20	4		TB04	16 ⁻	16	TB04	18	16			
344	21	20	4		TB09	21	5	S07	Aġ	25,11			
345	21	20	4		TB09	25	5	\$07	A1	5711			
346									T	-			•
347	21	20	4		C25	OME	5	CB07	30	5		<u> </u>	
348	21	20	. 4		TB09	13	. 5	507	A2	2511			<del></del>
349	21	20	4		TB109	21	5	5107	A3	25,11			
350	21	20	4		TB109	25	5	S107	A1	2511	, <b>£</b> ,		
351												-	
352	21	20	4	-	TB109 ·	13	5	S107	A2	25,11			*******
353	21	20	4		C125	OME	5	CB107	30	5		<u> </u>	
354				ĺ			i i						
355							\$					ř	/
356										i			/
357													
358					,							-	/
359								I					7
360								(1.1)					/· ·
361			•		•						1	/	

MINNEAP			TITLE		P	IRE LI	STING				W L SHEET	DOCUMENT NO. 40019800	REY.
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGI	V	ACCESS.	DESTIN		ACCESS		REMARKS	
362	$\Lambda$	16		12:	T06	1.	·	T01	6	57			
363	A	12		12	T06	2		T01	14	56			
364		12		11	T06	3		TB06	3	53		•	
365		16		10	T06	4		T02	3	51			<u> </u>
366		12		11	T06	5		TB06	2	53			
367	-	12		12	T06	6	· ·	T01	16	_56	<u> </u>		
368	$oxed{oxed}$	16		6	L02	1		C03	Р	50_	ļ		
369	<u> </u>	16_	·	6	Lü2	<u>2</u> `		_C04	P	50	ļ		
370	1	16		5	L03	1		<u>C07</u>	N	50_			
371	$\triangle$	16_		5	L03	2		C08	N	50	ļ	····	
372	52	16	4	12	C01	P	50	TB06	1	51	<u> </u>		
373	54	14	4	4	T08	5	58	TCB	4_	53	<del> </del>		
374		<del> </del>						ļ					
375		<del> </del>						İ			<del> </del>		
376	<u> </u>	<del> </del>								ļ	<del> </del>		
377		†					<u> </u>				<del> </del>		
378		<del> </del>					ii	<u> </u>		<u> </u>	<del>  .                                     </del>		<del></del>
379 380		-				-				<u> </u>	<del> </del>	·	

				<u> </u>		_نسلب					I	PRINTED IN U
400	11	20	4	7	TB09	13	12	C25	ME.	12	<u> </u>	7.
399							1					•
398												-
397					·							
<b>3</b> 96												
<b>3</b> 95												
.394				, ,								
393												
392					·							
391												•
990												
389					7	•						-
.388												
387												
386												
385	5	24	4	11	TB109	24	7.	FRONT PANEL	GRD	6	/15	
384	5	24	4	11	TB09	24	7	FRONT PANE.	GRD	6	<u>AS</u>	
383	67	16	4	10	PANEL BA		68	FRONT PANEL	GRO	68	<u>/15</u> \	
382	67	16	4	10	FL06	R	68	T01	2	68		
381	67	16	4	10	FL05	R	68	T01	1	68		
ONDUCTOR IDFNT	FIND NO	GAUGE (REF.)	COLOR (REF.)	LENGTH	ORIGI	N	ACCESS	DESTINATIO	ın	ACCESS FIND NO	REMARKS	
Olinora		normai	IDALE DI	(VISION		19333		HEET 22		WL	DOCUMENT NO. 40019800	REV K

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	MA	NORM	IANDALE	DIVISION		19333		IEET 23		WL	DOCUMENT NO. 40019800	REV
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGI	N	ACCESS FIND NO.	DESTINAT	ION	ACCESS FIND NO	REMARKS	•
401	11	20	4	4	TB109	13	12	C125	ME	12	<u>A</u> S	
402												
403												
404												· · · · · · · · · · · · · · · · · · ·
405												
406												
407												
408												
409												
410												
411												
412		<u> </u>										
413		<u> </u>										-
414		<u> </u>	ļ									
415	22	16	4	3	C21	OME	18	SSW01	1	19	A A	d:
416	22	16	4	3	C22	OME	18	SSW02	1	19	(A) (A)	
417	22	16	4	3	C23	OMŒ	18	SSW03	1	19	13 14	
418	22	16	4	3	C24	OME	18	SSW04		19	A AA	
419	22	16	4	4	SSW01	2	19	FL11	COIL-B		<u>/5</u>	
420	22	16	4	4	SSW02	2_	19	FL12	COIL-B	18	13	

(1)(111(1)(1)	Air	NORM/	UNDALE I	DIVISION		19333		1EET 24		WL	40019800	Ю.	REV.
ONDUCTOR	FIND NO	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGI	N	ACCESS FIND NO.	DESTINATI	011	ACCESS FIND NO		REMARKS	
421	22	16	4	4	SSW03	2	19	FL13	COIL-B	18	13		
422	21	20	4	4	SSW04	2	20	FL14	Coir-B	18	<u>(15)</u>		
423	22	16	4	6	TB11	2	18	C24	ME	18	<u>/15</u>	<u>/13</u>	
424	22	16	4	5	FL11	CAP-8	18	TB11 ·	1	.18	<u>(15)</u>		
425	22	16	4	3	TB11	2	18	TB111	2	18	<u>/15</u>		
426	22	16	4	4	TB111	2	18	C124	ME	18	/is\	<u>/3</u>	
427	22	16	4.	4	C121	OME	18	SSW101	1	19	15	14	
428	22	16	4	4	C122	OME	18	SSW102	1	19	<u>/15</u>	A	
429	22	16	4	4	C123	OME	18	SSW103	1	19	<u> </u>	14	
430	22	16	4	4	C124	OME	18	SSW104	1	19	13	<u> </u>	
431	22	16	4	6	SSW101	2	19	FL111	COIL-T	18	15		
432	22	16	4	6	SSW102	2	19	FL112 "	COLT	18	13		
433	22	16	4	6	SSW103	2	19	FL113	COIL-T	18	15		
434	21	20	4.	6	SSW104	2	19	FL114	COILT	18	15		
435	22	16	4	6	FL111	CAPT	18	TB111 :	1	18	13		*·
436				·				,		<u> </u>			
437													
438													
439													
440	15	16	4	5.	C32,	OME	13	k05	12	14,12	13	<b>Æ</b>	

0000000	MA	NORMAN	DALE DI	VISION		19333		HEET 25 OF 2	5	WL	DOCUMENT NO. 40019800	REV.
CONDUCTOR IDENT.	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIO	 IN	ACCESS	DESTINATI	ON	ACCESS FIND NO	REMARKS	
441	15	16	4	7	<b>K</b> 05	L3	14,12	TB10	10	13	<u>/15\</u>	
442	15	16	4	4	TB10	9	13	FL15	OME	13	13 A	
443	15	16	4	5	C33	OME	13	K05	L5	14,12	AS A	
tylyty.	15	16	4	7	TB10	12	13	<b>K</b> 05	1.6	14,12	13	
445	15 ·	16	4	4	TB10	11	13	FL16	OME	13	15 /14	
446	15	16	4	5	C132	OME	13	K105	1.2	14,12	15 14	
447	15	16	4	7	TB110	10	13	K105	1.3	14,12		
448	15	16	4	4	TB110	9	13	PL115	OME	13	<u>A</u> A	
449	15	16	4	5	C133	OME	13	K105	1.5	14,12	<u>A</u>	
450	15	16	4	7	K105	1.6	14,12	TB110	12	13	15	
451	15	16	4	4	TB110	11	13	FL116	OME	13	13 A	
452	9	24	4	2	TB10	4	6	GRD		8	<u>/15</u>	
453	9	24	4	2	TB110	4	6	GRD		8	<u>/is</u>	
						_	<del> </del>			<u> </u>		
			<del> </del>	ļ	<del></del> ;		<del> </del>		$\dashv$	<del> </del>		
<del></del>			<del> </del>				<b> </b>		1-	l		
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CONTROL DAVA		CODE IDENT	,	i	DOCUMENT NO.	REV.	વ
Continue Star	NORMANDALE DIVISION	19333	SHEET 1 OF 1	DN	40019800	l V	4
						119 C	1

COMPONENTS TOG, LOZ & LOZ USE EXISTING LEADS.

- 2. FOR FIND NO. REFERENCED IN CONDUCTORS 1 THRU 55 SEE PL 40017800; D.C. PANEL HARNESS.
- 3. FOR FIND NO. REFERENCED IN CONDUCTORS 77 THRU 144 SEE PL 41296100; A.C. HARNESS.
- 4. FOR FIND NO. REFERENCED IN CONDUCTORS 153 THRU 353 SEE PL 4/294000; D.C. HARNESS.
- 5. FOR FIND NO. REFERENCED IN CONDUCTORS 362 THRU 373 SEE PL 40011800, 01; MISC.D.C. PANEL WIRING.
- 6. FOR FIND NO. REFERENCED IN CONDUCTORS 381 AND 383 SEE PL 40018600, 01; MISC POWER SUPPLY WIRING.
- 7. A HEXAGON IN THE ACCESS FIND NO. COLUMN INDICATES THAT THE CONDUCTOR IS ONE OF SEVERAL (ALL WITH THE SAME NUMBER IN THE HEXAGON) GOING INTO THE SAME TERMINAL. THE NUMBER IN FRONT OF A HEXAGON IS THE TERMINAL FIND NO.
- 8, FOR FIRED NO. REFERENCED IN CONDUCTORS 384 AND 385 SEE PL 70805100; D.C. AND START TERMINAL BOARD ASST.
- 9. FOR FIND NO. REFERENCED IN CONDUCTORS 400AND 401 SEE PL 70807500; SWITCH SUPPRESSION, POMER SUPPLY.
- 10. FOR FIND NO. REFERENCED IN CONDUCTORS 415 THRU 435 SEE PL 41286300; A.C. PANEL ASSY.
- 11. FOR FIND NO. REFERENCED IN CONDUCTORS 440 THRU 451 SEE PL 70807900; D.C. RELAY PANEL ASSY.
- 12. FOR FIND NO. REFERENCED IN CONDUCTORS 452 THRU 453 SEE PL 70805400-01; D.C. RELAY TERRITIAL BORRO ASST.
- ME STANDS FOR CONNECTION NEAREST THE MOUNTED END.
- (4) OME STANDS FOR CONNECTION REPOSITE THE MOUNTED THE.
  - NOT IN HARNESS.

AA3188 ...

DH LZ-LE CONTROLDATA TITLE PREFIX DOCUMENT NO. CM 12-66 NORMANDALE DIVISION CHED WIRE LIST-POWER SUPPLY ASSY 72994300 H٢ EMG MFG CODE IDENT SHEET 19333 MULTIPLE DISK DRIVE 1 OF 27 SHEET REVISION STATUS REVISION RECORD DRFT DATE APP REV ECO DESCRIPTION 7/10/20 IR DOPERTOR SAM ON DWG PERTSON NOTES: DN 72994300 DETACHED LISTS

(ONTROLI)	)ŢŢV							1933		IEET 2		WL	DOCUMENT NO. 72994100	REV A
CONDUCTOR IDENT.	FIN		GAUGE (REF.)	•		LENGTH (APPROX)	ORIGI	2	ACCESS FIND NO.	DESTINA	ATION	ACCESS FIND NO.	REMARKS	·
1	3		16		4		C14	L	4	T01	3	7(1)		
2	Å						T01	3	1	CRO4	4	4, 15	•	
3							CRO4	3	4,15	ω5	N	9,2		
4	Ш						CO5	N	2	CO9	N	11 (3)		
5	Ц						C09	N	(3)	TB02	4	4		
6				L	_		TB02	2	4	co6	N	11 4		
7	Ц						c06	N	4	RO2	R	4, 15		
8	Ц			L			R02	L	4, 15	c06	P	9(3)		
9	Ц			Ľ			c06	P	(5)	CRO5	1	4, 15		
10	Ц						CR05	4	4, 15	TOI	9	1		
11	Ц			L	1_		T01	10	1	CRO5	2	4, 15		
12	Ц			L		<b> </b>	CRO5	3	4, 15	c <b>e</b> 6	N	<b>(4)</b>		
13	Ш			L	· -	<u> </u>	c08	N	6	RO4	L	10		
14	Ц		$\sqcup$	1	1_	<u> </u>	R04	R	10	CO4	P	6		
15	$\sqcup$		- -	L		<u> </u>	T08	1	4, 15	T05		4		
16			$\sqcup \bot$	L	$\downarrow$	<u> </u>	T05	1	4	T01	8	76		
17	Ц		$\sqcup$	$oldsymbol{oldsymbol{\perp}}$	_	<u> </u>	T01	8	6	T03	1	4		
18	$\sqcup$		- -	$\perp$	1_	<u> </u>	т03		4	т09	1	4		
19	$\sqcup$	_	11	1	1_	ļ	109	2	4	T01	6	1		
20	]	1	16	L	4	<u> </u>	T01	4	<u> </u>	T09				PRINTED IN U.S.

CONTROLLO	M,							19333	NT	SHEE	т 3		WL	72994100	REV.
CONDUCTOR IDENT.		ND O.	GAUGE (REF.)			LENGTH (APPROX)	ORIG	IN	ACCESS		DESTINA	TION	ACCESS FIND NO.	REMARKS	
21		3	16		4		T09	4	4	G	:R04	2	4, 15		
22			4		4		CRO4	1	4, 15	6	:05	Р	9(7)		
23							CO5	P	(7)	٥	:09	P	9 (8)		
24							C09	P	8	F	103	T	5, 12		
25				Ι			R03	В	5, 15		:09	N	3		
26							C02	N	6	F	RO1	В	5, 12		
27	L	Ĺ					RO1	T	5, 12		:02	P	6		
28	L	L					T05	4	4	1	701	5	7 (9)		
29	L			L	$\perp$		T01	5	9		103	4	4		
	L	L		$\perp$			T02	1	4	<u> </u>	r01	8	7 (10)		
31				$\perp$			TO1	8	10		r04	1	4		
72	L			1	$\perp$		T04	,	4		107	1	4		
33	L			↓			T07	2	4	1:	r01	7	7 (1)		
74	L			1		1	то1	7	$\Omega$	4	801	2	4, 15		
35	L			1			то8	3	4	1:	B08	.   3	4		
36	L	L		$\perp$			TB07	2	4	<u></u>	107	3	4, 15		
37	L	1		1	$\bot$		T07	4	41	4	C07	N	6		
38	L	1	$\perp \perp$	1			T07	5	4		тво8	2	4		
	L	1	1	$\downarrow$	1	<u> </u>	TB07	3	4	1	108	6			
40		3	16	$\perp$	4	<u> </u>	C14	R	4	Ŀ	TO1	8	1		

EUNIROLI	MA					19333		IEET 4		WL	72994100	REV A
CONDUCTOR IDENT	FIND NO	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGII	7	ACCESS FIND NO	DESTIN	IATION	ACCESS FIND NO.	• REMARKS	
41	3	16	4		T01	5	7 (12)	T02	4	4		
42	3	16	1		T04	4	4	T01	5	12		
43	2	14			TB07	1	8	TOI	13	7		
44	1				T01	12	7	C07	P	9		
45					C07	P	9	C03	N	9		
46					C03	P	9	T08	5	8		
47					TB08	1	8	TO1	11	7		
48					T01	15	7	C01	N	9		
49					C01	N	9	C02	N	9		
50					C02	P	9	LO1	2	8		
51					LO1	1	88	C01	P	9		
52					C04	И	9	C08	P	9		
53	Ш				C08	Р	9	C07	P	9		
54			1		C08	Р	9	TB02		В		
55	Z	14	4	<u> </u>	TB02	1	8	C02	N	9		
56												
57		<u> </u>	<u> </u>	·								
58								]				
59												
60												

CONTROLÓ	AIA 					19333		IEET 5		WL	72994106	REV.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)		LENGTH (APPROX)	ORIG	IN	ACCESS FIND NO.	DESTINATIO	ON	ACCESS FIND NO.	REMARKS	
61												
62												
63												
64												
65				<u> </u>							•	
66			<b> </b>									
67												
68			<u> </u>									
69			<u> </u>									
70		ļ										
71	ļ	<u> </u>										
72	<b> </b>		ļ									
73		<u> </u>	<u> </u>									
74	<b> </b>	<u> </u>	↓									
75	ļ	ļ	ļ						—			
76		ļ	<b> </b>						<del> </del>			
77	4	16	4		CB <b>0</b> 7	AT	8	CB02	AT	9 (1)		
78				ļ	CB02	AT	(1)	CB103	AT	8		
79	LL	<u> </u>	11	<b> </b>	CB03	AB	8	C21	MB	5_	13	
80	4	16			TB11	1	15	J03	1	13		

(40)(11)(0)40									CODE 1	10E1		HEEI			WL	72994100	REV.
CONDUCTOR IDENT		0 0	GAUC (REF.		COLO		LENGTH (APPROX)	ORIG	in		ACCESS		DESTINA	MOIT	ACCESS FIND NO.	REMARKS	
81	4		16		4			J03	2	2	13	n	.12	CAP B	5		
82	-		1	Ì	Ā			C22	ME	ß	5	CE	303	ВВ	8	ΔŶ	
83								CB103	B1	r	8	CE	302	BT	9 (3)		
84								CB02	B1	1	3	CI	30 <del>7</del>	BT	8		
85								CB02	AE	В	8	JO	)2	1	13		
86								J02	2	2	13	CE	902	ВВ	8		
87								CB03		CT	8	CE	302	CT	12 🕭		
88								CB02		CT	4	CI	3103	CT	8		
89								CB03	1 _	СВ	8	C	23	ME	5	Λì	
90								FL13	C/	AP B'	5	J	)3	3	13		
91								J02		3	13	CI	302	СВ	8		
92		1				'		CB02		AT	9 (3)	XI	703	7	10		
93		4	16		4			XF03		В	10	TI	311	2	15		
94																	
95		4	16		4			C123	1	MB	5	CI	3103	СВ	8	13	
96		1						CB103		BB	8	C	122	ME	5	ΔĐ	
97								PL113		AP T	5	J	103	3	13		
98								J103		2	13	P	112	CAP T	5		
99		1						TB11		4	15	J	103	1	13		
100		4	16		4			C121	1	ME	5	C	8103	AB	8	<u>/13</u>	

CONTROLO					!	19333		SHEET 7		WL	72994100	REV.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLC (REF.		ORIC	SIN	ACCESS	4	IATION	ACCESS FIND NO.	REMARKS	
101	4	16	4		XF04	В	10	T01	1	22		
102	1	1	1		<b>T</b> 01	2	22	XF05	В	10		
103	1	1	$\sqcup$		XF05	_ T	10	CB02	СТ	(a)		
104	4	16			CB02	ВТ	9(9)	XPO4	T	10		
105	3	20			TB03	11	23	твоэ		10 🚱		
106	1		$\sqcup$	_	TB03	9	10 (56	TB03		10 ET		<del></del>
107			Ш		TB03	1	23	CB02	AT	(3)		
108		Ш.			CB02	BT	9	TB03	3	23		
109					TB03	5	23	CB05	CT	8 (10)		
110					CB02	CT	10	DS04	В	53		
111			$\sqcup$		DS 04	7	23	TB01	1	11		
112				_'	TB01	1	11	P106	2	14		
113			Ш		P106	1	14	TB11	4	15		
114			Ш		FL114	CAP	5	J103	6	14		
115					J103	7	14	TB <b>01</b>	2	11		
116					TB01	2	11	J03	7	14		
117					103	6	14	FL14	CAP B	5		
118					TB11	2	15	J05	1	14		•
119	1	Y			J05	2	14	TR01	1	11		
120	3	20	•		TB01	1	11	TB03	7	23(57)		
COLLEGIA	DAZĄ					19333		SHEET 8		WL	DOCUMENT NO. 72994100	PEX.

(0)));(Out	111.							19333°	NT S	HEET 8		WL	72994100	REV.
CONDUCTOR IDENT.	FIF	- 1	GAUGE ( REF.)			LENGTH (APPROX)	ORIG	IN	ACCESS	DESTINA	ATION	ACCESS FIND NO	REMARKS	
121	•	,	20		4		J03	8	14	TB01	4	11		
122	_		À	$\perp$	Å		TB01	4	11	J103	8	14		
123							J103	5	14	TB01	3	11		
124		Ш		$\downarrow$			TB01	3	11	J05	,	14		
125	Ц						J05	4	14	TB11	,	15		
126				4	1		TB1 1	3	15	J05	7	·14		
127			$\Box$	$\perp$			J05	8	14	TB01	2	11		·····
128				$\perp$			TB01	2	11	J05	5	14		
129			igsqcut	$\perp$	_		J05	6	14	TB01	4	11		
130				ᆚ			TB01	4	11	J05	9	14		
131				1	<del> </del>		J103	4	14	TB01		11		
132				$\perp$	$\perp$	ļ	TBO1	3	11	J03	5	14		
133					1_		J03	4	14	TBO1	3	11		
134	Ц			$\perp$	↓		TBO1	1	11	P06	2	14		
135				$\perp$			P06	1	14	TB11	1	15		
136							J02	4	14	TB <b>61</b>	3	11		
137						<u> </u>	TB01	4	11	J02	5	14		
138	L			$\perp$			TB03	2	23	тво3	8	23		
139			Y		1		TBO3	10	23	TB03	4	23		
140		3	20		4		TB03	6	23	TB03	12	23		

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CONTROLL						COD 193	E IDEN	SI	IEET 9		WL	DOCUMENT NO. 72994100	REV.
ONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	IN		ACCESS	DESTINATI	ON	ACCESS FIND NO.	REMARKS	
141	3	20	4		B01	Т	L	17, 18	TB11	2	15	-	
142	1		1		TB11	一	,	15	B02	L			
143					B02		_	17, 18	TB01	2	17, 18		
144	3	20	-		TB01	-	2	11	B01	R	17, 18		
145	4	16	4		TB11	_	2	15	C24	ME	5	<u> </u>	
146		T	1		FL11		AP B	5	TB11	1	15	2:25	
147	1			1	TB11		3	15	C124	ME	5	<b>A</b> 3	
148	4	16	4		FL111	C	ÃP T	5	TB11	4	15	- 22	
149						7							
150						十	一						
151						$\dashv$							
152						$\neg$							
153	10	16	4		CB07		T	2	C02	P	7(1)		
154	1	1	1		C02		Р	$\overline{\langle 1 \rangle}$	CB107	T	2		
155	П				CB106		7	2	C09	Р	7(2)		
156	П				C09		Р	<b>(2)</b>	св06	T	2		
157					CB06		В	2	C32	ME	5	/13	
158					FL15	ı	ME	5	TB02	11	12	13	
159	İ	1	1		TB02		11	12	J04	21	3		
160	10	16	4		J04	265	20	3	K102-I	OUT	23		
6071:07	DAG						DE 10E		SHEET 10		WL	72994100	REV.
CONDUCTO	R FIND	GAUGE (REF.)		1		GIN		ACCESS FIND NO		TION	ACCESS FIND NO	1	
161								•					
162	1	1								1.	<u> </u>		
163	10	16	1		K02-1		OUT	23	J04	18	,		
164	十几	1	1		J04		17	3	TB02	13	12		
165	11	1	11		FL16		ME	5	TB02	13	12	/13	
166	11		11		C33		MB	5	XFO2	В	16	/13	
167	$\top$				XF02		T	16	<b>K</b> 06	6	56		
168	11	11			K06		6	6	XF102	T	16		
169					XF102		В	16	C133	ME	5	13	
170					FL116		ME	5	TB02	14	12	13	
171	1		Y		TB02		14	12	J04	35	3		
172	10	16	1		304		29	3	K102-3	דטס	23		
173							·						
174													
	10	16	+		K02-3		007	23	J04	28	3		
175													
175	14	A	1		J04		30	3	TB02	12	12		

TB02

CB106

K102-2

J04

12

12

14,25

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177

178

180

FL115

C132

CB107

K102-2

ME

ME

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23,

CONTROLO	ATA					ODE IDE 19333	SI	HEET 11		WL	72994100	REV
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)		LENGTH (APPROX)	ORIGIN		ACCESS	DESTINATIO	2	ACCESS FIND NO.	REMARKS	
181	10	16	4		<b>J</b> 04	13	<b>3</b> °	K02 -2	OUT	23		
182	Å	<b>A</b>	4		K02-2	IN	14,25	CB07	В	2	•	
183	•		•		CB04	T	2	C04	P	2		
184	10	16	4		C08	N	2	CB05	Ŧ	2		
185									4.1			
186	10	16	4		J04	3	3	TB02	5	12		
187	•	4	1		TB02	5	12	J04	2	3		
188					J04	1	3	TRO2	6	12		
189					TB02	7	12	XP01	В	16		
190	İ		7		XF01	T	16	C03	P	2		
191	10	16	4	<b></b>	TB02	3	12	TBO4	2	16		
<b>19</b> 2		<u> </u>	<u> </u>	· <del> </del>					'			
193	21	20	9	<b> </b>	J04	33	4	K101	R3	15, 24		
194		1		ļ	TB02	7	14 (12)	J04 .	48	4		
195	<b>—</b>		<b>├</b>	ļ	J04	46	4	TB09	8	8		
196	$\vdash$	- -	<b>├</b> -	<u> </u>	TB09	9	8	J04	45	4		
197	$\vdash \vdash$	<del>                                     </del>	╀-	<del>                                     </del>	J04	43	4	S07	B1	11, 25		
				1	S07	B3	11, 25	J04	42	4		
198	$oxed{oxed}$	<del>-</del> -	1-1-	†	1	+						
199	Ÿ	1	Y		J04	41	4	S07	C1	11, 25		
	21	20	Y		J04 S07	41 c3	4 11, 25	507 J04	C1 40	11, 25		
199 200	21	20	<b>├</b>		507	+	11, 25		_		DOCUMENT NA 72.994 100	REV A
199 200 (0) 11 (0) (1	21	20 GAUGE (REF.)	<b>├</b>	LENGTH (APPROX)	S07	C3	11, 25	204	40	٠.	DOCUMENT NO 72994100	
199 200 (0) 11 (0) (1)	21	GAUGE	COLOR	1	S07	C3	11, 25	JO4 HEET 12	40	WL ACCESS	72994100	
200  (ONTROLI)  CONDUCTOR IDENT	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	S07	CODE 1DE 19333	11, 25  NT S  ACCESS FIND NO	JOA HEET 12 DESTINATIO	40	WL ACCESS FIND NO.	72994100	
200 CONDUCTOR IDENT 201	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	ORIGIN J04	C3 CODE IDE 19333	11, 25 NT S ACCESS FIND NO	JOA  HEET 12  DESTINATION KO5	40 0N 18	WL ACCESS FIND NO. 15,24	72994100	
200 CONTICULATION CONDUCTOR IDENT 201 202	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	ORIGIN J04 K05	C3 CODE IDE 19333 39 R2	11, 25  NT S  ACCESS FIND NO 4  15, 24	JOL  HEET 12  DESTINATION  KOS  TBO2	40 L8 2	WL ACCESS FIND NO. 15,24	72994100	
199 200 (EUNICULI) CONDUCTOR IDENT 201 202 203	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	ORIGIN J04 K05 TB02	C3 CODE IDE 19333 39 R2 2	11, 25 NT S ACCESS FIND NO 4 15, 24	JOA  HEET 12  DESTINATION KOS TB02 K105	40 L8 2 R2	WL ACCESS FIND NO. 15,24 11 15, 24	72994100	
199 200 (20) II (01) II CONDUCTOR IDENT 201 202 203 204	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	ORIGIN J04 K05 TB02 K105	C3 CODE IDE 19333 39 R2 2 L8	11, 25 NT S ACCESS FIND NO 4 15, 24 11 15, 24	JOA  HEET 12  DESTINATION KOS TBO2 K105 JO4	40 L8 2 R2 54	WL ACCESS FIND NO. 15,24 11 15, 24 4	72994100	
199 200 (FINITION) CONDUCTOR IDENT 201 202 203 204 205	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	ORIGIN J04 K05 TB02 K105 J04	C3  CODE IDE 19333  39  R2  2  L8  55	11, 25  NY S  ACCESS FIND NO 4  15, 24  11	JO4  HEET 12  DESTINATION  KO5  TB02  K105  J04  S107	L8 2 R2 54 C3	ML  ACCESS FIND NO.  15,24  11  15, 24  4  11, 25	72994 100 REMARKS	
199 200 CONDUCTOR IDENT 201 202 203 204 205 206	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	ORIGIN J04 K05 TB02 K105 J04 S107	29 R2 2 L8 55 C1	11, 25  NT S  ACCESS FIND NO  4  15, 24  11  15, 24  4  11, 25	JO4  HEET 12  DESTINATION  KO5  TB02  K105  J04  S107  J04	18 2 R2 54 C3 56	WL  ACCESS FIND NO  15,24  11  15, 24  4  11, 25  4	72994 100 REMARKS	
199 200 (20) III (01) III CONDUCTOR IDENT 201 202 203 204 205 206 207	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	ORIGIN  J04  K05  TB02  K105  J04  S107  J04	23 CODE 1000 19333 39 R2 2 L8 55 C1 57	11, 25  NT S  ACCESS FIND NO  4  15, 24  11  15, 24  4  11, 25  4	JO4  HEET 12  DESTINATION  K05  TB02  K105  J04  S107  J04  S107	L8 2 R2 54 C3 56 83	WL  ACCESS FIND NO.  15,24  11  15, 24  4  11, 25  4  11, 25	72994 100 REMARKS	
199 200 CONDUCTOR IDENT 201 202 203 204 205 206 207 208	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	ORIGIN  J04  K05  TB02  K105  J04  S107  J04  S107	C3  CODE 10E 19333  39  R2  2  L8  55  C1  57  B1	11, 25  NT S  ACCESS FIND NO  4  15, 24  11, 25  4  11, 25  4  11, 25	JO4  HEET 12  DESTINATION  K05  TB02  K105  J04  S107  J04  S107  J04	18 2 R2 54 C3 56 83 58	WL  ACCESS FIND NO  15,24  11  15, 24  4  11, 25  4	72994 100 REMARKS	
199 200 CONDUCTOR IDENT 201 202 203 204 205 206 207 208	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	ORIGIN J04 K05 TB02 K105 J04 S107 J04 S107 J04	C3 CODE 10E 19333  39 R2 2 L8 55 C1 57 B1 65	11, 25  NT S  ACCESS FIND NO  4  15, 24  11  15, 24  4  11, 25  4	JOH  HEET 12  DESTINATION  K05  TB02  K105  J04  S107  J04  S107  J04  S107	18 2 R2 54 C3 56 83 58 C2 C2 L3	ML  ACCESS FIND NO.  15,24  11  15, 24  4  11, 25  4  12(47)  15, 24	72994 100  REMARKS	
199 200 CONDUCTOR IDENT 201 202 203 204 205 206 207 208 209	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	S07  ORIGIN  J04  K05  TB02  K105  J04  S107  J04  S107  J04  S107	C3 CODE 100E 19333  39 R2 2 L8 55 C1 57 B1 65 B2	11, 25  NT S  ACCESS FIND NO  4  15, 24  11, 25  4  11, 25  4  11, 25	JO4  HEET 12  DESTINATION  K05  TB02  K105  J04  S107  J04  S107  J04  S107  S107	L8 2 R2 54 C3 56 83 58 C2 C2 L3 64	WL  ACCESS FIND NO.  15,24  11  15, 24  4  11, 25  4  12(47)2  47  15, 24	72994 100  REMARKS	
199 200 (MITIUL) CONDUCTOR IDENT 201 202 203 204 205 206 207 208 209 210	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	S07  ORIGIN  J04  K05  TB02  K105  J04  S107  J04  S107  S107  S107	C3 CODE 10E19333  39 R2 2 L8 55 C1 57 B1 65 B2 B2 L2 62	11, 25  NT S  ACCESS FIND NO  4  15, 24  11, 25  4  11, 25  4  11, 25  4  11, 25  4  11, 25  4  11, 25  4  11, 25	JO4  HEET 12  DESTINATION  K05  TB02  K105  J04  S107  J04  S107  J04  S107  K101	L8 2 R2 54 C3 56 83 58 C2 C2 L3 64 6	WL  ACCESS FIND NO  15,24  11  15, 24  4  11, 25  4  12(47)2  47  15, 24  4  8	72994 100  REMARKS	
199 200 CONDUCTOR IDENT 201 202 203 204 205 206 207 208 209 210 211	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	S07  ORIGIN  J04  K05  TB02  K105  J04  S107  J04  S107  J04  S107  K101	C3 CODE 10E 19333  39 R2 2 L8 55 C1 57 B1 65 B2 B2 L2	11, 25  NT S  ACCESS FIND NO  4  15, 24  11, 25  4  11, 25  4  12, 44  15, 24  11, 25	JO4  HEET 12  DESTINATION  KO5  TB02  K105  J04  S107  J04  S107  J04  S107  J04  S107  J04  S107  J04  S107  J04  S107	L8 2 R2 54 C3 56 83 58 C2 C2 L3 64	ML  ACCESS FIND NO  15,24  11  15, 24  4  11, 25  4  12(47)2  47)  15, 24  4  8  4	72994 100  REMARKS	
199 200  CONDUCTOR IDENT 201 202 203 204 205 206 207 208 209 210 211 212	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	S07  ORIGIN  J04  K05  TB02  K105  J04  S107  J04  S107  J04  S107  S107  K101  J04	C3 CODE 10E19333  39 R2 2 L8 55 C1 57 B1 65 B2 B2 L2 62	11, 25  NT S  ACCESS FIND NO  4  15, 24  11, 25  4  11, 25  4  11, 25  4  11, 25  4  11, 25  4  11, 25  4  11, 25	JO4  HEET 12  DESTINATION  K05  TB02  K105  J04  S107  J04  S107  J04  S107  K101  J04  TB09	L8 2 R2 54 C3 56 83 58 C2 C2 L3 64 6	ML  ACCESS FIND NO.  15,24  11  15, 24  4  11, 25  4  12(47)2  47  15, 24  4  8  4	72994 100  REMARKS	
199 200  CONDUCTOR IDENT 201 202 203 204 205 206 207 208 209 210 211 212 213 214	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	S07  ORIGIN  J04  K05  TB02  K105  J04  S107  J04  S107  S107  K101  J04  TB09	C3 CODE 10E 19333  399 R2 2 L8 55 C1 57 B1 65 B2 B2 L2 62 7	11, 25  NT S  ACCESS FIND NO  4  15, 24  11, 25  4  11, 25  4  12, 48  15, 24  8	JO4  HEET 12  DESTINATION  K05  TB02  K105  J04  S107  J04  S107  S107  K101  J04  TB09  J04	18 2 R2 54 C3 56 83 58 C2 C2 L3 64 6 60	WL  ACCESS FIND NO  15,24  11  15, 24  4  11, 25  4  12(47)2  47)  15, 24  4  8  4  (12)	72994 100 REMARKS	
199 200  CONDUCTOR IDENT 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	S07  ORIGIN  J04  K05  TB02  K105  J04  S107  J04  S107  J04  S107  J04  TB09  J04	C3 CODE 10E 19333  39 R2 2 L8 55 C1 57 B1 65 B2 B2 L2 62 7 52	11, 25  NT S  ACCESS FIND NO  4  15, 24  11  15, 24  4  11, 25  4  11, 25  4  15, 24  11, 25  4  11, 25  4  11, 25  4  11, 25  4  12, (48)  15, 24  4  8  4  14	JO4  HEET 12  DESTINATION  KO5  TB02  K105  J04  S107  J04  S107  J04  S107  J04  S107  J04  TB09  J04  TB02	L8 2 R2 54 C3 56 B3 58 C2 C2 L3 64 6 60 7	ML  ACCESS FIND NO.  15,24  11, 25  4  11, 25  4  12,47  15, 24  4  8  4  12,77  15, 24  7  15, 24  10, 25	72994 100 REMARKS	
199 200  CONDUCTOR IDENT 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216	21 AIA FIND NO	GAUGE (REF.)	COLOR (REF.)	1	S07  ORIGIN  J04  K05  TB02  K105  J04  S107  J04  S107  S107  K101  J04  TB09  J04  TB02	C3 CODE 10E19333  39 R2 2 L8 55 C1 57 B1 65 B2 B2 L2 62 7 52 7	11, 25  NT S  ACCESS FIND NO  4  15, 24  11, 25  4  11, 25  4  11, 25  4  15, 24  11, 25  4  11, 25  4  15, 24  11, 25  4  11, 25  4  12, 48  15, 24  4  8  4  14	JO4  HEET 12  DESTINATION  KO5  TBO2  K105  JO4  S107  JO4  S107  S107  K101  JO4  TBO9  JO4  TBO9  JO4  TBO2  JO4  TBO9  JO4	18 2 R2 54 C3 56 83 58 C2 C2 L3 64 6 60 7 37	WL  ACCESS FIND NO  15,24  11  15, 24  4  11, 25  4  12(47)2  47  15, 24  4  8  4  (12)	72994 100 REMARKS	

CONTROL D						19333		HEET 13		WL	72994100	REV A
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	CÓLOR (REF.)	LENGTH (APPROX)	ORIG	in	ACCESS FIND NO.	DESTINAT	100	ACCESS FIND NO.	REMARKS	
221	21	20			104	26	4	TBO2	3	11		
222					TB02	5.	11	J04	16	4		
223					J04	24	4	K01 3	R3	15, 24		
224	1	1	1		K01	R2	15, 24	S02	B2	11,25		
225	21	20	4		502	B3	11, 25	TB02	9	11		
226												
227	21	20			коз	1	15, 24	TB02	9	11		
228	A				TB02	9	11	K05	1	15, 24		
229					к05	R3	15, 24	K02 - 4	COIL	14 (15		
230					KO2-4	COIL	15	TB04	8	8		
231			<u> </u>		TB04	8	8	K01	L6	15, 24		
232	1			<u> </u>	ко1	L5	15, 24	TBO2	2	14 (16)		
233	Ш	<u> </u>			TB02	2	(16)	K101	L5	15, 24		
234		<u> </u>	<u> </u>	<u> </u>	K101	L6	15, 24	K102-4	COIL	14 17		
235		<u> </u>		<u> </u>	K102-4	B	(17/	TB04	22	8		
236	$oxed{oxed}$	<u> </u>	<u> </u>	<u> </u>	TBO4	22	В	K105	R3	15, 24		
237					K105	R5		TB02	4	14 18		
238	Ш		1	1	тв02	4	(13)	55W104	4			
239		1	11	ļ	SSW103	4	14 10/	SSW1 02	4	14 20	<b>)</b>	
240	21	20	<u> </u>		SSW102	4	20	SSW1 01	4	11	<u> </u>	

COMROLU	MA	•				19333	1 6	HEET 14		WL	72994100	REV.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	1	LENGTH (APPROX)	ORIG	in	ACCESS FIND NO.	DESTINA	ATION	ACCESS FIND NO.	REMARKS	
241	21	20	4		\$3W103	4	(19)	TBO2	4	11		
242		<b>A</b>	1		TB02	4	11	S1W04	14	11		
243					S3W04	3	11	K04	L3	15, 24		,
2144					K04	12	15.24	TBO2	9	11		
245 °					TB02	10	11	S102	B3	11, 25		
246	Y	İ	1		TB04	21	8_	TBO9	10	8		
247	21	05	4		TBO4	7	46) 16	7809	/8	8		
248					-		; .			<u> </u>		
249	21	20	4		T804	7	16,46	K02-1	COIL	25,11		
250	21	20	4		K102-1	COIL	25,11	T804	21	€ +6		
251		J	ļ	<b></b>			<u> </u>			<b> </b>		
252	<u> </u>	<u> </u>						<u> </u>		<u> </u>		
253	21	20	4		TB02	7	12 (21)	CB02	58	5		
254	1	1	1		CB02	30	5	CB04	58	5	<u> </u>	
255					CB04	30	5	CB05	58	5		
256					CB05	<b>3</b> D	5	CB1 07	58	5		
257					DS109	В	8	TB02	12	11		
258					TB02	14	11	DS1 06	В	8		<del></del>
259		1	1		DS06	В	8	TB02	13	11		
260	21	20	4		TB02	11	11	DS09	В	8		PRINTED II

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CONTROL	AVA					19333		SHEET 15		WL	72994100	REV.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)		LENGTH (APPROX)	ORIG	IN	ACCESS	DESTIN	ATION	ACCESS FIND NO.	REMARKS	
261	21	20	4		CB07	58	5	CB05	30	5		
262	Å	4	1		TB02	4	11	SSW03	4	14 (22)		
263					SSW03	4	(22)	SSW02	4	14 (23		
264					SSW02	4	23	SSW01	4	11		
265	Y	7	1		SSW01	3	14 24	SSW02	3	14 25		
266	21	20	4		SSW02	3	(25)	SSW03	3	14 (26		
267												
268	21	20	4		K04	1	15, 24	SSW01	3	(24)		
269	1	1			SSW101	3	14 (27	SSW102	3	14 (28)		
270					SSW1 02		<b>₹8</b>	SSW103	3	14 (29)		
271					SSW03	3	(26)	TB02	9	11		
272					SSW103	3	(29)	TB02	10	11		
273	-				TB02	10	11	K103	1	15, 24		
274					K105	1	15, 24	TB02	10	11		
275					TB02	10	11	K104	1.2	15, 24		
276					K104	1	15, 24	SSW101	3	(27)		
277	1	Y	1		SSW104	3	11	K104	L3	15, 24		
278	21	20	4		K101	R2	15, 24	\$102	B2	11, 25		
279												
280	21	20	4		507	B2	12 25 45	K01	L3	15) 24		

COLUE OL U						CC 01 1DE 19333	NT SI	HEET 16		WL	DOCUMENT NO 72994:00	REV.
CONDUCTOR	FINE	GAUGE (REF.)		LENGTH (APPROX)	ORIGIN	1	ACCESS	DESTINAT	101	ACCESS FIND NO.	REMARKS	
281	17	24	4		K02-2	ОИТ	25,11	DS05	B	8		
282	<b>A</b>		1		DS05	T	8	TB02	6	11 (30	<b>&gt;</b>	
283					TB02	6	(30)	DS105	т	.8		
284					DS105	В	8	K102-2	OUT	25,11		
285					K102-1	OUT	25,11	DS107	В	8		
286					DS107	Ť	8	TB02	1	11 (31)		
287					TB02	1	(31)	DS07	T	8		
288					DS <b>07</b>	В	8	KO2 -/	ОИТ	25,11		
289			!		K02-3	OUT	25,11	DS08	В	8		
290	1				ມຣ08	Т	8	TB02	6	11 (32)		
291					TB02	6	(32)	DS108	Ţ	8		
292					DS108	В	8	K102-3	OUT	25,11		
293					K102- <b>♣</b>	IN	11, 25	TB02	6	11 (33)		
294					TB02	8	(33)	K05	L9	9, 24		
295					<b>K</b> 05	R1	9, 24	K04	2	15 (34) 24 (34)		
296					КО4	2	(24)	104	27	6		
297					J04	25	6	TB02	8	11 (35		
298					TB02	8	(35)	K101	1	9, 24		
299	Ý	Y	1		K101	2	24, 9	TB02	4	11		
300	17	24	4		TB02	1	11 (36)	DS10	ī	8		

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CONTRODO						CODE IDE 19333		IEET 17	·	WL	72994100	REV
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	IN	ACCESS FIND NO	DESTINA	TION	ACCESS FIND NO.	REMARKS	
301	17	24	4		DG10	В	8	TB02	7	(21)		
302	1	1	1		TB02	7	11 40	501	A3	11, 25		
303					S01	B2	11, 25	TB02	2	11 (37)		
304					TB02	2	3	к05	R5	9, 24		
305					K05	R6	9, 24	ко3	L5	9, 24		
306					ко3	L6	9,24	104	8	6		
307					J04	7	6	K05	2	9, 24		
308					ко1	2	9, 24	TB02	1	<b>3</b>		
309					тв02	1	11 (38)	S102	CS	11, 25	·	
310					T804	20	8	TB09	17	8		
311					TB04	20	8	J04	59	6		
312					J04	49	6	S01	12	11 25 43		
313					501	A2	<b>63</b>	K02-4	IN	11 25(39)		
314					K02-4	11/1	(39)	K01	1	9, 24		
315	П		TT		K01	1,2	9, 24	TB02	7	(40)		
316			TT		TB02	6	11	к03	2	9, 24		
317	П	TT			J04	50	6 "	K02-4	OUT	25,11		
318	$\sqcap$				K102-4		25,11	507	C2	11 (4) 25 (4)	,	
319	Ť	Y	1		507	C2	(4)	S07	B2	43		
320	17	24	•		T804	6	: 8	TBOO	16	8		

COMRO!!						19333	SH	1EET 18		WL	DOCUMENT NO. 72994100	REV.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS FIND NO	DESTINATIO	ON	ACCESS FIND NO.	REMARKS	
321	17	24	4		TB04	6	8	104	44	6		
322	4	1	1		J04	22	6	DS111	В	8		
323					DS111	T	8	TB02	3	11 (41)		
324					TB02	3	41	DS11	T	8		
325					DS11	В	8	104	10	6		
326		$\coprod$	$\sqcup$		J04	15	6	K104	2	15 42 24 42		
327					K104	2	(42)	K105	R1	9, 24		
328				<u> </u>	K105	2	9, 24	J04	5	6		
329				ļ	J04	4	6	K103	L6	9, 24		
330				ļ	K103	L5	9, 24	K105	R6	9, 24		
331	Ц.	<del>                                     </del>	igsqcut	ļ	K103	2	9, 24	TB02	3	11		
332	Ц_	<u> </u>	↓.	ļ	TB02	1	(38)	502	C2	11, 25		
313	11		$\sqcup$	<u> </u>	DS09	T	8	TRO4	1	8		
334			$oxed{oxed}$		TB04	15	8	DS109	T	8		
335					TB04	5	8	TBO9	15	8		
336					TB04	5	8	TB04	19	8		
337					TB04	17	8	DS106	T	8	,	
338					DS06	T	8	TB04	3	8		
339	İ	1	1		TB02	11	11	104	67	6		
340	17	24	4		J04	70	6	TB02	12	11		Frantis in USA

CONTROL (						19333		HEET 19	•	WL	DOCUMENT NO. 72994100	REV.
CONDUCTOR IDENT.	FIND NO.	GAUGE ( REF.)		LENGTH (APPROX)	ORIG	in .	ACCESS FIND NO	DESTINA	ATION	ACCESS FIND NO	REMARKS	
341	21	20	4		TBO4	2	8	TB04	4	В		
342	21	20	4		TB04	4	В	TB04	16	В		
343	21	20	4		TB04	16	8	TB04	18	6	<u> </u>	
344								1				
345												
346												
347	21	20	4		C31	ME	5	CB07	30	5	14	
348												
349												
350												
351												
352						•						
353	21	20	4		C131	ME	5	CB107	30	5	Á	
354	10	16	4		J04	12	3	FL19	OME	5		
355	10	16	4		J04	11	3	FLLLIA	OME	5		
356												
357							,					
358												
359												
360												

CONTROL	N/A					19333		HEET ₂₀		WL	72994100	RE V
CONDUCTOR IDENT.	FIND NO.	GAUGE ( REF.)		LENGTH (APPROX)	ORIG	in	ACCESS FIND NO.	DESTINATI	ON	ACCESS FIND NO	REMARKS	
361											- A 1 2	
362	$\overline{\mathbb{A}}$	16		12	T06	1		то1	6	57		
363	1	12		12	т06	2	. 1	T01	14	56		
364		12		11	т06	3		тво6	3	53		
365		16		10	т06	4		T02	3	51		
366		12		11	т06	5		тво6	2	53		
367		12		12	т06	6		T01	16	56		
368		16		6	L02	1		C03	Р	50		
369		16		6	L02	2		Coft	P	50		
370		16		5	103	1	<b>!</b>	C07	N	50		
371		16	<u> </u>	5	r03	2	ļ	C08	N	50		
372	52	16	4	12	C01	P	50	тво6	1	51		
373	54	14	4	4	T08	5	58	T08	4	53		
374		<u> </u>	<u> </u>				<u> </u>		_	ļ		
375		<b> </b>					<u> </u>	<b></b>	-			
376	<u> </u>	<u> </u>		<b></b>		_	<b> </b>		-	<b> </b>		
377		<del>                                     </del>	<u> </u>	ļ					-	<b></b>		
378		-	<u> </u>	<b> </b>	<u> </u>		<u> </u>	<u> </u>	-			
379	_	<del> </del>	-	-	ļ		ļ			<del>                                     </del>		
<b>3</b> 80			<u> </u>	1		1	<u> </u>	<u> </u>		<u> </u>	<u> </u>	

CONTROLO						ì	DE IDEN		EET 21		WL	DOCUMENT NO. 72994300	REV
ONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)		LENGTH (APPROX)	ORIG	in		ACCESS	DESTINATION	4	ACCESS FIND NO	REM ARKS	
<b>3</b> 81													
382													
383	67	16	4	10	PANEL B	ASE	GRD	68	FRONT PANEL	GRD	68	<u> 13</u>	
384	73	50	+	16	TOL		1	90	KOP	7	75	<u> 1</u> 3	
385	73	20	4	16	701		5	90	KOF	5	75	43	
<b>3</b> 86	67	36	7	75	COP		Р	89	KOP	1	75	<u> 13</u>	
387													
388													
389													
390													
391													
392													
393													
394													
395													
396												<del> </del>	
397													
398													
399		<b> </b>										· · · · · · · · · · · · · · · · · · ·	
400	40	20		7	TB09		19	42	C31	OME	75	14 15	
CONTROL						1	DDE IDE	NT SI	HEET 22		WL	DOCUMENT NO. 72994100	REV A
CONDUCTOR IDENT.	T	GAUGE (REF.)	•	LENGTH (APPROX)	ORIG	GIN		ACCESS FIND NO.	DESTINATIO	N	ACCESS FIND NO.	REMARKS	`
401	40	20	4	6	TB09		1.	42	C131	OME		14/15	
402	40	20	4	2	TB09		14	42	TB09	<del>                                     </del>	(53):39	13	
403	40	20	4	2	TB09		12	(54) 39	<b></b>		<b>3</b>	43	
404	40	50	4	3	TB09		24	42	твоя	4	42	45	
405	40	50	4	a	T809		4	42	твоч	75	<u>(4)</u>	A	
~~,	+-	50	4	2.5	TBOS		11	42	7809	56	42	43	
h04	l un		1 7						<del> </del>	+==	<del>                                     </del>	45	
406 407	40	חכ	u	1	TRN9		19	42	TROS	רכן	1 49		
407	40	20 2u	4	3.5	TBOS		19	42	F08T	27 83	42	723	
407 408	<del>                                     </del>	20 24	3 3	1	T809 T809		19	42 42	F081	B3	43,44	(13)	
407 408 409	40	1	<del>                                     </del>	3.5			1		1	1	<del></del>	(12)	
407 408 409 410	40	1	<del>                                     </del>	3.5			1		1	1	<del></del>	(13)	
407 408 409 410 411	40	1	<del>                                     </del>	3.5			1		1	1	<del></del>	(13)	
407 408 409 410 411 412	40	1	<del>                                     </del>	3.5			1		1	1	<del></del>	(13)	
407 408 409 410 411 412 413	40	1	<del>                                     </del>	3.5	TBO9		1		1	1	<del></del>	(43)	
407 408 409 410 411 412 413 414	40	24	4	3.5	TBO9		1	42	207	83	43,44		
407 408 409 410 411 412 413	40	1	<del>                                     </del>	3.5	TBO9		1	18	1	1	<del></del>	13 14 14 13 14 14 14 14 14 14 14 14 14 14 14 14 14	

18

19 19 S5W04

FL11

FL12

1

COIL COIL 19

18

OME

2

3

C24

SSW01

SSW02

70602500 D

419

420 AA3183

CONTROLO						cc	19333		SHEET 23		WL	72994100	REV
	fIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	in		ACCESS FIND NO	DESTINAT	юи	ACCESS FIND NO	REMARKS	
421	22	16	4	3	59W03		2	19	FL13	COIL	18	15	
422	21	20	4	3	SSW04		2	20	FL14	ωIL B	18	15	
423				-						ľ		7.55	
									<del>                                     </del>				
424						_			<del> </del>	_			
426									<del> </del>				
429	22	16	4	2	C121		0)/5	•	55.1101	+.	<u> </u>	13 14	
428	1	10	1	2	C121		OME	18	S57101 S57102	1	19 19	15/14	
429	1	ŀi		2	C122		OME	19	55W103	1	19	15/14	
430				2	C125		OME	18	55W104	1	19	13 14	
	+			-					<del></del>		<b>-</b>		
431 432	-	-		8	SSW101		2	19	FL111	cour	18	/15\ /5\	
				8 1	S W102		2	19	FL112		l		
433	22	16	4	8	SSW103		2	19	FL113	COIL	18	<u>/15</u>	
434	21	20	4	8	SSW104		2	19	FL114	COIL	18	<u>/15</u>	
435		<b>_</b>											
436		<b> </b>	<del> </del>										
437			<u> </u>	ļ							,		
438													
F-20					ŀ				1	1			
439			<del> </del>	<del>                                     </del>					1			$\Delta \Delta \Delta \Delta$	
<b>#10</b>	15	16	4	5	C32		OMS	13	K05	12	14, 12	13/14	
		16	1.	5	C32		OMS ODE IDE 19333	NT IN	K05	12	14, 12 WL	13/14 DOCUMENT NO. 72994100	REV A
<b>#10</b>		GAUGE	COLOR (REF.)	LENGTH (APPROX)			ODE IDE	NT IN	SHEE* 24			DOCUMENT NO.	REV A
CONTROL ()	FIND	GAUGE	COLOR	LENGTH			ODE IDE	ACCESS	SHEET 24		WL	00CUMENT NO. 72994100	REV A
CONTROL IDENT.	2 2 2	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIC		19333	ACCESS FIND NO	SHEET 24	TION	WL ACCESS FIND NO	DOCUMENT NO. 72994100  REMARKS	REV A
CONTROL II  CONDUCTOR IDENT.  441  442	2 2 2	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIO K05 TB10		DOE IDE 19313	ACCESS FIND NO 14, 12	DESTINA TB10 FL15	TION 10 OME	WL ACCESS FIND NO 13 13	DOCUMENT NO. 72994100  REMARKS	REV
CONDUCTOR IDENT.	2 2 2	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG		DDE IDE 19333	ACCESS FIND NO	SHEET 24 DESTINA	TION 10	WL ACCESS FIND NO 13	DOCUMENT NO. 72994 100  REMARKS  13  13  13  13  14	REV A
CONDUCTOR IDENT.  \$41  \$41  \$41  \$412	2 2 2	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX) 7 4 5	CRIC K05 TB10 C33 TB10		L3 9 OME 12	ACCESS FIND NO 14, 12 13 13	DESTINA: TB10 FL15 K05 K05	10 0ME L5 L6	WL ACCESS FIND NO 13 13 14, 12 14, 12	DOCUMENT NO. 72994100  REMARKS  131  1514  1514  1514	REV A
CONTROL O CONDUCTOR IDENT.  441  442  443  4445	2 2 2	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX) 7 4 5 7	CRIC K05 TB10 C37 TB10		L3 9 OME 12	ACCESS FIND NO 14, 12 13 13 13	DESTINAL TB10 FL15 K05 K05 FL16	TION  10  OME  L5  L6  OME	WL ACCESS FIND NO 13 13 14, 12 14, 12 13	DOCUMENT NO 72994 100  REMARKS  13  15  15  15  15  15  15  15  15  15	REV A
EULIROL D CONDUCTOR IDENT.  \$41  tht2  tht3  tht4  th45	2 2 2	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX) 7 4 5 7 4 1	CRIC KO5 TB10 C37 TB10 TB10		DOE IDE 19313  L3  9  OME  12  11  OMB	ACCESS FIND NO 14, 12 13 13 13	DESTINA TB10 FL15 K05 K05 FL16 K105	10 OME L5 L6 OME L2	WL  ACCESS FIND NO  13  13  14, 12  14, 12  13  14, 12	DOCUMENT NO. 72994100  REMARKS  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)  (15)	REV A
CONDUCTOR IDENT.  441  442  443  4445  446	2 2 2	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX) 7 4 5 7	CRIC K05 TB10 C37 TB10 C132 TB110		L3 9 OME 12	ACCESS FIND NO 14, 12 13 13 13 13	DESTINA: TB10 FL15 K05 K05 FL16 K105 K105	TION  10  OME  L5  L6  OME	WL ACCESS FIND NO 13 13 14, 12 14, 12 13	DOCUMENT NO. 72994100  REMARKS  13  15  15  15  15  15  15  15  15  15	REV A
CONDUCTOR IDENT.  but 1  but 2  but 3  but 4  but 5  but 6  but 7  but 8	2 2 2	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX) 7 4 5 7 41' 5 7	CRIC K05 TB10 C37 TB10 TB10 C132 TB110		DOE IDE 19313  L3  9  OME 12  11  OME	ACCESS FIND NO 14, 12 13 13 13 13 13	DESTINAL TB10 FL15 K05 K05 FL16 K105 K105: FL115	10 OME L5 L6 OME L2 L3	WL  ACCESS FIND NO  13  14, 12  14, 12  14, 12  14, 12  14, 12	DOCUMENT NO 72994 100  REMARKS  13  15  15  15  15  15  15  15  15  15	REV A
CONDUCTOR IDENT.  441  442  443  444  445  446  447  448	2 2 2	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX) 7 4 5 7 4 1 5 7	CRIC K05 TB10 C37 TB10 C132 TB110		L3 9 OME 12 11 OME 10 9	ACCESS FIND NO 14, 12 13 13 13 13	TB10 FL15 K05 FL16 K105 K105 FL115 K105	10 OME L5 L6 OME L2 L3 OME	WL ACCESS FIND NO 13 14, 12 14, 12 13 14, 12 14, 12	DOCUMENT NO 72994 100  REMARKS  13 14  13 14  13 14  13 14	A A
440  CONDUCTOR IDENT.  441  442  443  4445  446  447  448  449	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	LENGTH (APPROX) 7 4 5 7 41: 5 7 45 5 7	CRIC KO5 TB10 C37 TB10 C132 TB110 TB110 C133		L3 9 OME 12 11 OME 10 9 OME	ACCESS FIND NO 14, 12 13 13 13 13 13 13	TB10 FL15 K05 FL16 K105 K105 FL115 K105	10 OME	WL ACCESS FIND NO 13 13 14, 12 14, 12 14, 12 14, 12 14, 12 14, 12	DOCUMENT NO 72994100  REMARKS  13  13  13  13  13  13  13  13  13  1	I REV
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##0  EUNTRULE  CONDUCTOR HDENT.  ##1  ##1  ##1  ##5  ##6  ##7  ###8  ##9  #50  #51	FIND NO. 15	GAUGE (REF.) 16	COLOR (REF.)	LENGTH (APPROX) 7 4 5 7 4 1 5 7 4 1 5 7	CRIC K05 TB10 C37 TB10 C132 TB110 C133 K105 TB110		L3 9 OME 12 11 OME 10 9 OME 11 11	ACCESS FIND NO 14, 12 13 13 13 13 13 13 13 13 13	DESTINAL TB10 FL15 K05 K05 FL16 K105 K105 FL115 K105 TL115 FL115 FL116 TL116	10 OME L5 L6 OME L2 L3 OME L5 L5 12	WL  ACCESS FIND NO  13  14, 12  14, 12  14, 12  13  14, 12  14, 12  13  14, 12	DOCUMENT NO 72994 100  REMARKS  13 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	A A
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##0  EUNTROLE  CONDUCTOR HDENT.  ##1  ##1  ##1  ##5  ##6  ##7  ###8  ##9  #50  #51	FIND NO. 15	GAUGE (REF.) 16	COLOR (REF.)	LENGTH (APPROX) 7 4 5 7 41: 5 7 4 1: 4 2	CRIC KO5 TB10 C37 TB10 C132 TB110 C133 K105 TB110 TB110		DOE IDE 19313  L3  9  OME  12  11  OME  10  9  OME  L6  11	ACCESS FIND NO 14, 12 13 13 13 13 13 13 13 14, 1	DESTINA TB10 FL15 K05 K05 FL16 K105 K105 FL115 K105 TL115 K105 TB110 FL116 GRD	10 OME L5 L6 OME L2 L3 OME L5 L5 12	WL  ACCESS FIND NO  13  14, 12  14, 12  14, 12  14, 12  17  14, 12  17  18	DOCUMENT NO 72994 100  REMARKS  13 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	I REV
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	01	1		1		TB09		27	7	51) 2	507	A2			
	G2					TB09	$\neg$	22	1-	6	S07	A1			
	03					TB09		21	T	6	S107	A3			
	104					TB09		26	6	2) 2	S107	A2			
5	i0 <b>5</b>					TB09		20	15	6	5107	A1	3		
5	06					TB09		13	1	6	FRONT PANEL	GRD	4		
5	<b>197</b>	1	1	1		S02		A3	$\top$	3	TB09	27	(51)		
5	608	1	20	4		S102		A3	丁	3	TB09	26	(52)		
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5	10	1	20	4		TB09		2		6	S02	C1	3		
5	11	1	20	4		TB09		3	$\prod$	6	S102	C1	3		
5	12	1	20	4		TB09		25		6	S02	A2	3		
5	13	1	20	4		TB09		5		6	S102	A2	3		
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1	IDUCTOR	FIND NO.	GAUGE (REF.)	COLOR	LE DIV	ORIC	<u> </u>		33	S ACCESS ND NO	HEET 26 DESTINATI		WL ACCESS FIND NO.		Ä
		1	GAUGE	COLOR	LENGTH		<u> </u>		33	CCESS		ON .	ACCESS		, K
9	DENT.	1	GAUGE	COLOR	LENGTH		GIN		33 A FIII	CCESS		ON .	ACCESS FIND NO.		
9	0 0 0 1	NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	GIN -1	193	33 A FIII	ACCESS ND NO	DESTINATI	ON	ACCESS FIND NO.		<b> </b> **
9	DENT.	NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	GIN -1 -2	193	33 A FIII	ACCESS ND NO	DESTINATI	ON	ACCESS FIND NO. 4 (1)		Į [®] Ž
9	00 01	NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)  3.5  4 4.5	KO2- KO2- KO2-	GIN -1 2 3	193	33 A FIII	ACCESS ND NO	DESTINATI	ON I	ACCESS FIND NO. 4 (1) (2) 4- (3) 4	REMARKS	<u> </u> **
9	00 01 12 3	NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIO KO2-	GIN -1 -2 -3 -4	193	33 A FIII	ACCESS ND NO	DESTINATI	ON	4(1) (2)4- (3)4	REMARKS	ľ×
9	00 01 1 2 3	NO.	GAUGE (REF.)	COLOR (REF.)	3.5 4 4.5	KO2- KO2- KO2-	-1 2 3 4	193	33 A FIII	ACCESS ND NO	DESTINATI	DN	4(1) (2) 4- (3) 4 (1)	REMARKS	Į [®] Ž
9	00 01 2 3 4 5	NO.	GAUGE (REF.)	COLOR (REF.)	3.5 4 4.5 5.	KO2- KO2- KO2- KO2- KO2-	GIN -1 2 3 4 -1 2	193	A FIII	ACCESS ND NO	DESTINATI	DN	4(1) (2)4- (3)4	REMARKS	Į"Ă
6	00 01 2 3 4 5	NO.	GAUGE (REF.)	COLOR (REF.)	3.5 4 4.5 5.6.5	KO2- KO2- KO2- KO2- KO2- KIO2-	-I 2 3 4 - I 2 3	GN	A FIII	ACCESS ND NO	DESTINATI	DN	ACCESS FIND NO. 4 (1) (2) 4- (3) 4 (3) (1)	REMARKS	Į"×
6	00 0 1 2 3 4 5 6 7	NO.	GAUGE (REF.)	COLOR (REF.)	3.5 4 4.5 5 6.5 7	KOZ- KOZ- KOZ- KOZ- KIOZ- KIOZ- KIOZ-	-I 2 3 4 - I 2 3	GN1	A FIII	ACCESS ND NO.	DESTINATI	ON	4(1) (2) 4- (3) 4- (3) (1)	REMARKS	Į"Ă
6	00 01 1 2 3 4 5 6	NO.	GAUGE (REF.)	COLOR (REF.)	3.5 4 4.5 5 6.5 7 7.5	KO2- KO2- KO2- KO2- KIO2- KIO2- KIO2- KIO2-	-I 2 3 4 - I 2 3	GN GN	A FIII	ACCESS ND NO.	GND	ME	ACCESS FIND NO.  4 (1) (2) 4- (3) 4- (3) (1) (2) (1) (2)	REMARKS	Į"Ă
6	00 01 2 3 4 5 6 7	NO.	GAUGE (REF.)	COLOR (REF.)	3.5 4 4.5 5. 6.5 7 7.5 8	KO2- KO2- KO2- KO2- KIO2- KIO2- KIO2- KIO2-	-I 2 3 4 - I 2 3	GN GN 5	A FIII	ACCESS ND NO.	GND		ACCESS FIND NO.  4 (1) (2) 4- (3) 4- (3) (1) (2) (1) (2)	REMARKS	Į"×
6	00 01 2 3 4 5 6 7	NO.	GAUGE (REF.)	COLOR (REF.)	3.5 4 4.5 5. 6.5 7 7.5 8	KO2- KO2- KO2- KO2- KIO2- KIO2- KIO2- KIO2-	-I 2 3 4 - I 2 3	GNI GNI 5	A FIII	ACCESS ND NO.	GND GND GND FL 20		ACCESS FIND NO.  4 (1) (2) 4- (3) 4- (3) (1) (2) (1) (2)	REMARKS	Į"Ă
6	00 01 42 3 4 5 6 7	NO.	GAUGE (REF.)	COLOR (REF.)	3.5 4 4.5 5. 6.5 7 7.5 8	KO2- KO2- KO2- KO2- KIO2- KIO2- KIO2- KIO2-	-I 2 3 4 - I 2 3	GN GN 5	A FIII	ACCESS ND NO.	GND GND GND FL 20 FL 18		ACCESS FIND NO.  4 (1) (2) 4- (3) 4 (3) (1) (2) (2) (3)	REMARKS	Į"Ă
6	00 01 2 3 4 5 6 7 8 09 10	NO.	GAUGE (REF.)	COLOR (REF.)	3.5 4 4.5 5. 6.5 7 7.5 8	KO2- KO2- KO2- KO2- KIO2- KIO2- KIO2- TB I3	GIN 2 3 4 1 2 3 4	GN GN 5 1 2 3	A FIII	ACCESS ND NO.	GND GND GND FL20 FL18 FL118	ME	ACCESS FIND NO.  4 (1) (2) 4- (3) 4- (3) (1) (2) (2) (3)	REMARKS	Į"×
6	00 01 2 3 4 5 6 7 8 09 10	NO.	GAUGE (REF.)	COLOR (REF.)	3.5 4 4.5 5. 6.5 7 7.5 8 3	KO2- KO2- KO2- KO2- KIO2- KIO2- KIO2- TB I3	GIN 2 3 4 -1 2 3 4 4	GNI GNI GNI GNI GNI GNI GNI GNI GNI GNI	A FIII	ACCESS ND NO.	GND GND FL20 FL18 FL118 FL120	ME ME	ACCESS FIND NO.  4 (1) (2) 4- (3) 4- (3) (1) (2) (2) (3)	REMARKS	Į"×
6	00 01 2 3 4 5 6 7 8 09 10 11 12	NO.	GAUGE (REF.)	COLOR (REF.)	3.5 4 4.5 5. 6.5 7 7.5 8 3	KO2- KO2- KO2- KIO2- KIO2- KIO2- TB I3	3 4 -1 2 3 4	GNI GNI GNI GNI GNI GNI GNI GNI GNI GNI	A FIII	ACCESS ND NO.	GND GND FL20 FL18 FL118 FL120 K02-1	ME ME	ACCESS FIND NO.  4 (1) (2) 4- (3) 4- (3) (1) (2) (2) (3)	REMARKS	Į Š
6	00 01 2 3 4 5 6 7 8 09 10 11 12 13	NO.	GAUGE (REF.)	COLOR (REF.)	1ENGTH (APPROX) 3.5 4 4.5 5. 6.5 7 7.5 8 3 5	KO2- KO2- KO2- KIO2- KIO2- KIO2- TB I3	3 4 1 2 3 4	GNI GNI GNI GNI GNI GNI GNI GNI GNI GNI	A FIII	ACCESS ND NO.	GND GND FL20 FL18 FL118 FL120 K02-1 K102-1	ME IN IN	ACCESS FIND NO.  4(1) (2) 4 (3) 4 (3) (1) (2) (2) (3) (3) (2) (3) (4) (2) (3) (4) (4) (3) (4) (4) (4) (5) (6) (6) (6) (7) (7) (8) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9	REMARKS	Į"×
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CONDUCTOR IDENT.	,	IND 10.	GAL ( RE		COLOR (REF.)	LENGTH (APPROX)	ORIG	IN	ACCESS FIND NO	DESTINAT	ION	ACCESS FIND NO		REMARKS	
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21			1		À	2	K102-1	COIL	17	K102-2	COIL	20,22	<u> 13</u>		
22						2	K102-2		<b>6</b>	K102-3	T	20.22 ⁷	15		
23	L					2	K102-3		<b>1</b>	K102-4	T	15,22	15		
24		_				2	K02-1	COIL	15, 22	K02-2	COIL	20.22	7.5		
25	L	$\perp$		<u> </u>		2	K02-2	COIL B	8	K02-3	COIL	20,22			
26	L	L				2	K <b>0</b> 2-3	COIL	0	K02_4	COIL	17	13		
27	L	$\downarrow$	_	_	- -	2	K102-1		15, 22	K102-2	COIL	20, 22	43		
28	L	$\perp$	L	<u></u>		2	K102-2		0	K102-3	COIL	20, 22			
29	L	L	L	L	_ _	2	K102-3	COIL	<b>①</b>	K102_4	B	17	A		
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31	L	$oldsymbol{\perp}$	1_	_	- -	24	TB13	4	<b>]</b>	CB04	В	12	<u> </u>		
32	L	丄	_		- -	24	FL19	ME		CBO4	В	13			
33	$\downarrow$	$\perp$	<u> </u>	_		24	TB13	2		CB05	В	5 🛈			
34	$\downarrow$	1	<u> </u>	_		24	TB13	3	<u> </u>	CB05	В	13			
635	$\perp$	13	1	6	4	24	FL119	ME		CB05	В	(3)			
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NOTEZ:

CONTROL DATA

/1.\ COMPONENTS TOB, LOZ & LOZ USE EXISTING LEADS. 1.3. HE STANDS FOR CONNECTION NEAREST MOUNTED END.

FOR FIND NO. REFERENCED IN CONDUCTORS 1 THRU 55 SEE PL 40017800; D.C. PANEL HARNESS.

FOR FIND NO. REFERENCED IN CONDUCTORS 77 THRU 148 SEE PL 70820900; A.C. HARNESS.

NORMANDALE DIVISION

FOR FIND NO. REFERENCED IN CONDUCTORS 153
THRU 355 SEE PL 72954700: D.C. HARNESS.

FOR FIND NO. REFERENCED IN CONDUCTORS 3L2 THRU 373 SEE PL 72954700 & 01: MISC. D.C. PANEL WIRING.

FOR FIND NO. REFERENCED IN CONDUCTORS 383 THRU 386, SEE PL 40018600; MISC. POWER SUPPLY WIRING.

A HEXAGON IN THE ACCESS FIND NO. COLUMN INDICATES THAT THE CONDUCTOR IS ONE OF SEVERAL {ALL WITH THE SAME NUMBER IN THE HEXAGON) GOING INTO THE SAME TERMINAL.
THE NUMBER IN FRONT OF A HEXAGON IS THE
TERMINAL FIND NO.

FOR FIND NO. REFERENCED IN CONDUCTORS 400 THRU 408 SEE PL 70820800-01. FRONT PANEL ASSY.

FOR FIND NO. REFERENCED IN CONDUCTORS 415 THRU 434 SEE PL 70820100; A.C. PANEL ASSY. 10.

FOR FIND NO. REFERENCED IN CONDUCTORS 440 THRU 451 SEE PL 70807900; D.C. RELAY PANEL ASSY.

FOR FIND NO. REFERENCED IN CONDUCTORS 452 BOARD ASSY.

DN

100 THEPS

Α

OME STANDS FOR CONNECTION OPPOSITE MOUNTED END.

15 NOT IN HARNESS.

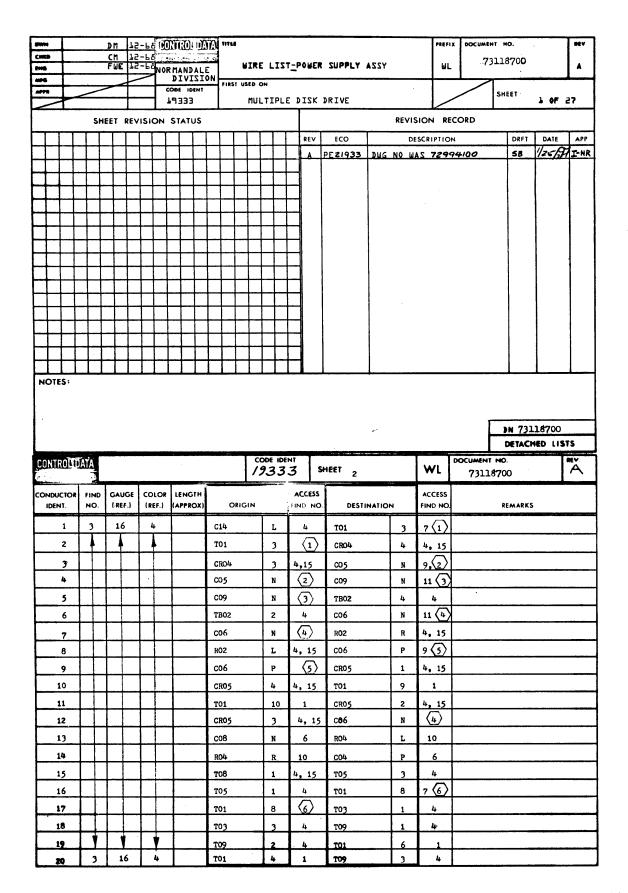
SHEET 1 of 1

19333

LL. POR FIND MO'S REFERENCED IN CONDUCTORS SOU ZZBURAH JANAC THORR FLOOD-PEPE L 7292400; FRONT PANEL HARNEZS

FOR FIND NO'S REFERENCED IN CONDUCTORS 518 THRU 529 SEE PL 70710101: COMPONENT MTG.ASSY.

L8. FOR FIND NO'S REFERENCED IN CONDUCTORS LOD THRU L17 % L30 THRU L35 SEE PL 70724600; HG RELAY HARNESS ASSY.



70602500 E 9-93

GENTROUD.	ΔÂ					19737	NF S	HEET 3	-	WL	73118700	:	m.
COMMUNITOR MIGHT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN	7	ACCESS	DESTINATIO	N	ACCESS FIND NO.	REMAR	KS	
21	3	16	4		T09	4	4	CRO4	2	4, 15		-	
22	1	<b>A</b>	A		CRO4	1	4, 15	C05	Р	9(7)			
23					CO5	P	(7)	C09	Р	9 (8)			
24					<b>CO9</b>	Р	8	RO3	т	5, 12			
25					R03	В	5, 15	C09	N	3			
26					C02	N	6	RO1	В	5, 12			
27					R01	T	5, 12	C02	P	6			
28					T05	4	4:	T01	5	7 (9)			
29	$\perp$				T01	5	9	T03	4	4			
				<u> </u>	T02	1	4	T01	8	7 🔟			
31	$\bot$		igspace		T01	8	<b>1</b>	T04	1	4			
32			$\sqcup$		T04	3	4	T07	1	4			
33	4				T07	2	4	TO1	7	7 (11)			
34	4		$\sqcup \bot$		то1	7	w.	T08	2	4, 15		· · · · · · · · · · · · · · · · · · ·	
35			$\sqcup$	ļ	T08	3	4	TB08	3	4			
36	Щ			ļ	TB07	2	4	T07	3	4, 15			
37		$\sqcup$			T07	4	- 41	C07	N	6			
38					T07	5	4	TB08	2	4			
	1	1			1907		٠	. 108	6	•			
40	,	16		1	C14	R		101	8	1			
CONTROLIC						6806 100 19333	NT	HEET &		WL	DOCUMENT NO. 73118700		
		GAUGE (REF.)		LENGTH (APPROX)		19333	NT	**************************************				· KS	<b>*</b> X
CONDUCTOR IDENT	FIND NO		COLOR			680E 100 19333 N	ACCESS FIND NO.	DESTINATIO		WL	7311 <b>87</b> 00		<b>X</b>
CONDUCTOR IDENT.	FIND NO.	(REF.)	COLOR (REF.)		ORIGII	19333	ACCESS	DESTINATION TO2	DN 4	WL ACCESS FIND NO.	7311 <b>87</b> 00		<b>* * *</b>
CONDUCTOR ROENT. 41 42	FIND NO	16 16	COLOR (REF.)		ORIGII T01 T04	19333 N 5	ACCESS FIND NO. 7 (12)	DESTINATION TO2	DN 4 5	ACCESS FIND NO.	7311 <b>87</b> 00		<b>X</b>
CONDUCTOR 10EHT. 41 42	FIND NO.	(REF.)	COLOR (REF.)		ORIGII TO1 TO4 TB07	19333 N 5 4 1	ACCESS FIND NO. 7 (12) 4	DESTINATION TO TO TO TO TO TO TO TO TO TO TO TO TO	5 13	ACCESS FIND NO. 4 (12) 7	7311 <b>87</b> 00		<b>X</b>
COMPUTOR 10EMT.  41  42  43	FIND NO	16 16	COLOR (REF.)		ORIGII T01 T04	19333 N 5	ACCESS FIND NO 7 (12)	DESTINATION TO COT	DN 4 5	ACCESS FIND NO.	7311 <b>87</b> 00		<b>W</b>
CONDUCTOR 10EHT.  41  42  43	FIND NO	16 16	COLOR (REF.)		ORIGII TO1 TO4 TB07 TO1	19933 N 5 4 1 12	ACCESS FIND NO. 7 (12) 4	DESTINATION TO TO TO TO TO TO TO TO TO TO TO TO TO	5 13	WL ACCESS FIND NO. 4 (12) 7	7311 <b>87</b> 00		<b>T</b> X
COMPUTION SIDENT.  41  42  43  44  45	FIND NO	16 16	COLOR (REF.)		ORIGII TOI TOV TB07 T01 C07	19333 N 5 4 1 12 P	ACCESS FIND NO 7 (12) 4 8 7 9	DESTINATION TO2 T01 T01 C07 C03	5 13 P	ACCESS FIND NO. 4 (12) 7 9	7311 <b>87</b> 00		<b>X</b>
CONDUCTOR SOENT: 41 42 43 44 45	FIND NO	16 16	COLOR (REF.)		ORIGII T01 T04 TB07 T01 C07 C63	1933) N 5 4 12 P	ACCESS FIND NO. 7 (12) 4 8 7 9	DESTINATION TO 1 TO 1 TO 1 CO 7 CO 3 TO 8	5 13 PN 5	ACCESS FIND NO. 4 12 7 9 9	7311 <b>87</b> 00		<b>X</b>
41 42 43 44 45 46	FIND NO	16 16	COLOR (REF.)		ORIGII T01 T04 TB07 T01 C07 C63 TB08	1933) N 5 4 1 12 P P	ACCESS FIND NO. 7 (12) 4 8 7 9 9 8	DESTINATION TO2 TO1 TO1 CO7 CO3 TO8 TO1	5 13 P N 5	WL ACCESS FIND NO. 4 (12) 7 9 8: 7	7311 <b>87</b> 00		
COMPACTOR IDENT. 41 42 43 44 45 46 47 48	FIND NO	16 16	COLOR (REF.)		ORIGII T01 T04 TB07 T01 C07 C63 TB08 T01	19333 N 5 4 1 12 P P 1 15	ACCESS FIND NO. 7 (12) 4 8 7 9 9 8 7	DESTINATION TO2 T01 T01 C07 C03 T08 T01 C01	5 13 P N 5 11 N	## ACCESS FIND NO.  4 (12)  7  9  8'  7	7311 <b>87</b> 00		
COMPACTION ADENT. 41 42 43 444 45 46 47 48	FIND NO	16 16	COLOR (REF.)		T01 T04 TB07 T01 C07 C63 TB08 T01 C01	19333 N 5 4 1 12 P P 1 1 15 N	ACCESS FIND NO 7 (12) 4 8 7 9 9 8 7 9	DESTINATION TO2 TO1 TO1 CO7 CO3 TO8 TO1 CO1 CO1 CO2	5 13 P N 5 11 N N	## ACCESS FIND NO.  4 (12)  7  9  8  7  9  9	7311 <b>87</b> 00		
CONDUCTOR ADENT.  41  42  43  44  45  46  47  48  49  50	FIND NO	16 16	COLOR (REF.)		ORIGII T01 T04 TB07 T01 C07 C63 TB08 T01 C01 C02	1933) N 5 4 1 12 P P 1 15 N P	ACCESS FIND NO. 7 12 4 8 7 9 9 8 7 9 9 9	DESTINATION TO2 TO1 TO1 CO7 CO3 TO8 TO1 CO1 CO1 CO2 LO1	5 13 P N 5 11 N N 2	WL ACCESS FIND NO. 4 (12) 7 9 8: 7 9 8: 8	7311 <b>87</b> 00		
COMBACTOR ADENT. 41 42 43 444 45 46 47 48 49 50	FIND NO	16 16	COLOR (REF.)		ORIGII T01 T04 TB07 T01 C07 C63 TB08 T01 C01 C02 L01	1933) N  5 4 12 P P 15 N P	ACCESS FIND NO. 7 (12) 4 8 7 9 9 8 7 9 9 8	DESTINATION TO2 TO1 TO1 CO7 CO3 TO8 TO1 CO1 CO2 LO1 CO2	5 13 P N 5 11 N N 2 P P	WL  ACCESS FIND NO.  4  (12) 7 9 8 7 9 8 7 9 8 9	7311 <b>87</b> 00		
COMPACTOR ADENT.  41  42  43  44  45  46  47  48  49  50  51	FIND NO	16 16	COLOR (REF.)		ORIGII T01 T04 TB07 T01 C07 C63 TB08 T01 C01 C02 L01 C04	19333 N 5 4 1 1 12 P P 1 15 N P	ACCESS FIND NO. 7 (12) 4 8 7 9 9 8 7 9 9 8 9 9 8 9 9	DESTINATION TO2 TO1 TO1 CO7 CO3 TO8 TO1 CO1 CO2 LO1 CO2 CO8	5 13 P N 5 11 N N 2 P P	## ACCESS FIND NO.  4 (12)  7  9  8'  7  9  8  9  9  9	7311 <b>87</b> 00		
COMPACTION ADENT.  41  42  43  44  45  46  47  48  49  50  51  52  53	FIND NO	16 16	COLOR (REF.)		T01 T04 TB07 T01 C07 C63 TB08 T01 C01 C02 L01 C04 C08	19333 N 5 4 1 12 P P 1 1 15 N P 1 N P P	ACCESS FIND NO 7 (12) 4 8 7 9 9 8 7 9 9 8 9 9 9 8 9 9 9 9 9 9 9	DESTINATION TO2 TO1 TO1 CO7 CO3 TO8 TO1 CO1 CO2 LO1 CO1 CO8 CO7	5 13 P N 5 11 N N 2 P P P P	## ACCESS FIND NO.  4 (12) 7 9 8 7 9 8 9 9 9 9	7311 <b>87</b> 00		
CONDUCTION ADENT 41 42 43 44 45 46 47 48 49 50 51 52 53	FIND 3 3 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(REF.) 16 16 14	COLOR (REF.)	(APPROX)	ORIGII T01 T04 TB07 T01 C07 C03 TB08 T01 C01 C02 L01 C04 C08 C08	1933) N  5 4 1 12 P P 1 15 N P 1 N P P	ACCESS FIND NO. 7 (12) 4 8 7 9 9 8 7 9 9 8 9 9 9 9 9	DESTINATION TO2 TO1 TO1 CO7 CO3 TO8 TO1 CO1 CO2 LO1 CO1 CO2 LO1 CO1 CO8 CO7 TB02	5 13 P N 5 11 N N 2 P P P P 3	WL  ACCESS FIND NO.  4  (12) 7  9  8  7  9  8  9  8  9  9  8	7311 <b>87</b> 00		
COMBACTOR ADENT.  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55	FIND 3 3 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(REF.) 16 16 14	COLOR (REF.)		ORIGII T01 T04 TB07 T01 C07 C03 TB08 T01 C01 C02 L01 C04 C08 C08	1933) N  5 4 1 12 P P 1 15 N P 1 N P P	ACCESS FIND NO. 7 (12) 4 8 7 9 9 8 7 9 9 8 9 9 9 9 9	DESTINATION TO2 TO1 TO1 CO7 CO3 TO8 TO1 CO1 CO2 LO1 CO1 CO2 LO1 CO1 CO8 CO7 TB02	5 13 P N 5 11 N N 2 P P P P 3	WL  ACCESS FIND NO.  4  (12) 7  9  8  7  9  8  9  8  9  9  8	7311 <b>87</b> 00		
COMPACTION aptent. 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	FIND 3 3 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(REF.) 16 16 14	COLOR (REF.)	(APPROX)	ORIGII T01 T04 TB07 T01 C07 C03 TB08 T01 C01 C02 L01 C04 C08 C08	1933) N  5 4 1 12 P P 1 15 N P 1 N P P	ACCESS FIND NO. 7 (12) 4 8 7 9 9 8 7 9 9 8 9 9 9 9 9	DESTINATION TO2 TO1 TO1 CO7 CO3 TO8 TO1 CO1 CO2 LO1 CO1 CO2 LO1 CO1 CO8 CO7 TB02	5 13 P N 5 11 N N 2 P P P P 3	WL  ACCESS FIND NO.  4  (12) 7  9  8  7  9  8  9  8  9  9  8	7311 <b>87</b> 00		
COMPACTION aptent. 41 42 43 444 45 46 47 48 49 50 51 52 53 54 55 56	FIND 3 3 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(REF.) 16 16 14	COLOR (REF.)	(APPROX)	ORIGII T01 T04 TB07 T01 C07 C63 TB08 T01 C01 C02 L01 C04 C08 C08 TB02	1933) N  5 4 1 12 P P 1 15 N P 1 N P P	ACCESS FIND NO. 7 (12) 4 8 7 9 9 8 7 9 9 8 9 9 9 9 9	DESTINATION TO2 TO1 TO1 CO7 CO3 TO8 TO1 CO1 CO2 LO1 CO1 CO2 LO1 CO1 CO8 CO7 TB02	5 13 P N 5 11 N N 2 P P P P 3	WL  ACCESS FIND NO.  4  (12) 7  9  8  7  9  8  9  8  9  9  8	7311 <b>87</b> 00		

CONTROLLO	ATA					19333	St	IEET 5		WL	73118700	REV.
ONDUCTOR IDENT.	FIND NO.	GAUGE (RBF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN	ł	ACCESS	DESTINATIO	ON .	ACCESS FIND NO.	REMARKS	
61												
62												
63												
64												
65												
66												
67												
68			<u></u>									
69												
70			ļ									
71			ļ			$\perp$			<u> </u>			
72			<u> </u>			4	<del></del>		1			
73						-		<b></b>	-			
74			<u> </u>			-		<b> </b>	<del> </del>			
75								ļ				
76												
77	4	16	4		CB07	TA	8	CB02	AT	9 (1)		
78			1		CB02	AT	<u>\( 1 \)</u>	CB103	AT	8	Δx	
79 80	-	116	1		CB03	AB	8 15	J03	ME	13	<u> </u>	
CONTROL	DATA	•				1933	1 -	HEET 6		WL	73118700	REV.
CONDUCTOR	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	LENGTH (APPROX)	1	N	ACCESS	DESTINATION	ON	ACCESS FIND NO	l	
81	4	16	4		J03	2	13	FL12	CAP B	5		
82	1	Ť	1		G22	ME		CB03	ВВ	8	13	
83	1	<del>                                     </del>	++	<del>                                     </del>	CB103	BT	5 8	CBO3	BT	9(3)	25	
84	++		11	<del>                                     </del>	CB02	BT	(3)	СВО3	BT	8		·
	††		1	<del>                                     </del>	CB02	AB	8	J05.	1	13		
85 86	$\dagger \dagger$		$\dagger \dagger$	<del>                                     </del>	J02	2	13	CB02	BB	8		
87	++	<del>                                     </del>	$\Box$	1	CB03	CT .	8	CB02	CT	12 4	k	
88	+		11	1	CB02	CT	4	CB103	CT	8		
89	TT	$\Box$	+ +	t	СВ03	СВ	8	C23	ME	5	13	
90	$\dagger \dagger$		11		FL13	CAP B'	5	J03	3	13	<del> </del>	
91	$\Box$	$\sqcap$	$\top \top$	1	J02	3	13	CBO2	CB	8		
92	1	1	1		CB02	AT	9 (3)	хго3	T	10		
93	4	16	4		XF03	В	10	TB11	2	15		
94												
95	4	16	4		C123	ME	5	CB103	СВ	8	13	
96					CB103	BB	8	C122	ME	5	13	
	$\prod$				FL113	CAP T	5	J103	3	13		
97												
97					J103	2	13	FL112	CAP	5		
<u> </u>					J103 TB11	2	13 15	FL112 J103	CAP T	5 13	A	

70602500 E 9-95

CONTROLL						1933		SHI	EET 7		WL	73118700	REV.
CONSUCTOR IDENT.	FIND NO.	GAUGE ( REF.)		LENGTH (APPROX)	ORIGI	IN	ACĈE FIND		DESTINATIO	N	ACCESS FIND NO.	REMAR <b>KS</b>	
101	4	16	4		XF04	В	10		T01	1	22		
102	4	A	•		TO1	2	22		XF05	В	10		-
103	Y	1			XF05	т	10		CB02 -	CT	4		
104	4	16			CB02	ВТ	9 (9	5	XF04	T	10		
105	3	20			TB03	11	23		TB03	9	10 (Se)		
106	4	1			TB03	9	10 (		TB03	7	10 (ड्रि		
107					TB03	1	2.7	3	CB02	AT	(5)		
108					CB02	ВТ	(9	$\sum$	TB03	3	23		
109					TB03	5	23	,	CB02	CT	8 (10)		
110					CB02	CT	(10)	5	DS04	В	23		
111					DS04	т	23	$\neg$	TB01	1	11		
112					TB01	1	11		P106	2	14		
113					P106	1	14		TB11	4	15		
114					FL114	CAP	5	$\Box$	лоз	6	14		
115					J103	7	14		TBO1	2	11		
116					TB01	2	11		103	7	14		
117					J03	6	14		FL14	CAP B	9		
118					TB11	2	19	5	J05	1	14		
119	1	1	1		J05	2	14		TRO1	1	11		
120	)	20	•		TB01	1	11		TB03	7	23(57)		
							-						
CONTROL	ATA					CODE 1		SHI	EET 8	<u></u>	WL	73118700	REV.
CONTROL I	V man	GAUGE ( REF.)	COLOR (REF.)	LENGTH (APPROX)		1933		ESS	EET 8	× , / :		and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	<b>*</b> **
CONDUCTOR IDENT.	FIND NO.	1			ORIG	1933	ACCE FIND	ESS NO	DESTINATIO	N	WL ACCESS FIND NO.	73118700	MEX.
CONDUCTOR IDENT.	FIND	( REF.)	(REF.)		J03	1933 in 8	ACCE FIND	ESS NO.	DESTINATIO	N 4	WL ACCESS FIND NO. 11	73118700	MEX.
CONDUCTOR IDENT.  121  122	FIND NO.	( REF.)	(REF.)		J03 TB01	1933 IN 8	ACCE FIND 14	NO.	DESTINATIO TB01 J103	N 4 8	WL ACCESS FIND NO. 11 14	73118700	MV.
CONDUCTOR IDENT.  121  122  123	FIND NO.	( REF.)	(REF.)		J03 TB01 J103	1933 IN 8 44 5	ACCE FIND 14 11	NO.	DESTINATIO TB01 J103 TB01	N 4 8 3	WL ACCESS FIND NO. 11 14 11	73118700	mey.
CONDUCTOR IDENT.  121  122  123  124	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01	1933 IN 8 44 5	ACCE FIND 14 11 14 11	NO.	DESTINATIO TB01 J103 TB01 J05	N 4 8 3 3	ACCESS FIND NO. 11 14 11	73118700	THE X
CONDUCTOR IDENT.  121  122  123	FIND NO.	( REF.)	(REF.)		J03 TB01 J103	1933 IN 8 44 5	ACCE FIND 14 11	ESS NO	DESTINATIO TB01 J103 TB01	N 4 8 3	WL ACCESS FIND NO. 11 14 11	73118700	I MEX
CONDUCTOR IDENT.  121  122  123  124  125  126	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01 J05 TB11	1933 IN 8 4 5 3	ACCE FIND 14 11 14 11 14	ESS NO.	DESTINATIO TB01 J103 TB01 J05 TB11 J05	N 8 3 3 3 3	ACCESS FIND NO. 11 14 11 14	73118700	I REY.
CONDUCTOR IDENT.  121  122  123  124  125	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01 J05	1933 IN 8 4 5 3 4 3	ACCE FIND 14 11 14 11 14	NO.	DESTINATIO TB01 J103 TB01 J05 TB11	N 4 8 3 3 7 7	ACCESS FIND NO. 11 14 11 14 15	73118700	ney.
CONDUCTOR IDENT.  121  122  123  124  125  126  127	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01 J05 TB11 J05	1933 IN 8 4 5 3 4 3 8	14 11 14 15 14	ESS NO.	DESTINATIO TB01 J103 TB01 J05 TB11 J05 TB01	N 4 8 3 3 7 2	ACCESS FIND NO. 11 14 11 14 15 -14	73118700	I MEX
CONDUCTOR IDENT.  121 122 123 124 125 126 127 128	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01 J05 TB11 J05 TB01	1933 8 4 5 3 4 3 8 2	14- 11- 14- 11- 14- 15- 14- 11-	ess NO	DESTINATIO TB01 J103 TB01 J05 TB11 J05 TB01 J05	8 3 3 7 2	ML ACCESS FIND NO. 11 14 11 14 15 14 11 14	73118700	Trey.
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  129	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01 J05 TB11 J05 TB01 J05	1933 IN 8 4 5 3 4 3 8 2 6	14 11 14 15 14 11 14 11 14 11 14	NO.	DESTINATIO TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05	8 3 3 7 2 5	WL  ACCESS FIND NO.  11  14  11  14  15  14  11  14  11	73118700	I ney.
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  129	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05	1933 IN 8 4 5 3 4 3 8 2 6 4	14 11 14 11 14 11 14 11	ESS NO.	DESTINATIO TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05	N 4 8 3 7 2 5 4 9	WL  ACCESS FIND NO.  11  14  11  14  15  -14  11  14  11  14	73118700	I MEX
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  129  130  131	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05 TB01 J05	1933 8 4 5 3 4 3 8 2 6 4	14 11 14 11 14 11 14 11 14 11 14	PESS NO.	DESTINATIO TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05 TB01 J05	N 4 8 3 7 2 5 4 9 3	WL  ACCESS FIND NO  11  14  11  14  15  14  11  14  11  14  11	73118700	Trey.
CONDUCTOR IDENT.  121 122 123 124 125 126 127 128 129 130 131 132	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05 TB01 J103 TB01	1933 8 4 5 3 8 2 6 4 4 3	14 11 14 11 14 11 14 11	ESS NO.	DESTINATIO TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J05	N 4 8 3 7 2 5 4 9 3 5	WL  ACCESS FIND NO.  11  14  11  14  15  14  11  14  11  14  11	73118700	I mey.
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  130  131  132  133	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05 TB01 J03 TB01 J103	1933 IN 8 4 5 3 4 3 8 2 6 4 4 3	14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 14	ESS NO.	DESTINATIO TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J05	N 4 8 3 3 7 2 5 4 9 3 5 3	WL  ACCESS FIND NO.  11  14  11  14  15  14  11  14  11  14  11  14  11	73118700	I rey
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  129  130  131  132  133  134	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J103 TB01 J03 TB01	1933 IN 8 4 5 3 4 3 8 2 6 6 4 4 4 3 4 1	14 11 14 11 14 11 14 11 14 11	ESS NO.	DESTINATIO TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01	N 8 3 3 7 2 5 4 9 3 5 3 2	WL  ACCESS FIND NO.  11  14  11  14  15  14  11  14  11  14  11  14  11  14	73118700	I mey.
CONDUCTOR IDENT.  121 122 123 124 125 126 127 128 129 130 131 132 133 134 135	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J03 TB01 J03 TB01 J03	1933 8 4 5 3 4 3 8 2 6 4 4 4 3 4 1 1	14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 14	ESS NO.	DESTINATIO TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 TB01 TB01	N 4 8 3 7 2 5 4 9 3 5 3 2 1	WL  ACCESS FIND NO.  11 14 11 14 15 -14 11 14 11 14 11 14 11 14 11	73118700	Trey.
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  130  131  132  133  134  135  136	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J03 TB01 J03 TB01 J03 TB01 J03 TB01 J03	1933 IN 8 4 5 3 4 3 8 2 6 4 4 4 3 4 1 1 1	14 11 14 11 14 11 14 11 14 14 14 14 14 1	ESS NO.	DESTINATIO TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 TB01 TB01 TB01	N 4 8 3 7 2 5 4 9 3 5 3 2 1 3	ML  ACCESS FIND NO.  11  14  11  14  15  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  15  11	73118700	I nee X
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  129  130  131  132  133  134  135  136	FIND NO.	( REF.)	(REF.)		J03 TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05 TB01 J03 TB01 J03 TB01 J03 TB01 J03 TB01 P06 J02 TB01	1933 IN 8 4 5 3 4 3 8 2 6 6 4 4 1 1 1 4 4	14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 14	NO.	DESTINATIO TB01 J103 TB01 J05 TB11 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07	N	WL  ACCESS FIND NO.  11  14  11  14  15  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14  11  14	73118700	I mey.

CONTROLLO	AVA					19333	NT S	HEET 9		WL	73118700	REV.
CONDUCTOR IDENT:	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	in	ACCESS	DESTINATIO	)N	ACCESS FIND NO.	REMARKS	
141	3	20	4		B01	L	17, 18	TB11	2	15		
142	4	Å	1		TB11	3	15	B02	L	17, 18	<del> </del>	
143	7	1	1		B02	R	17, 18	TB01	2	11		
144	3	20	4		TBO1	2	11	B01	R	17, 18		
145	4	16	4		TB11	2	15	C24	ME	5	(13)	
146	<b>A</b>	4	1		FL11	CAP B	5	TB11	1	15		
147	¥	7	4		TB11	3	15	C124	ME	5	<u>/13\</u>	
148	4	16	4		FL111	CAP T	5	TB11	4	15		
149												
150												
151												
152												
153	10	16	4		CB07	T	2	C02	P	7(1)		
154	4		4		C02	P	( <u>1</u> )	CB107	T	2		
155					CB106	т	2	C09	P	7(2)		
156					<b>co</b> 9	P	<b>(2)</b>	св06	т	2		
157					СВ06	В	2	C32	ME	5	/13\	
158					FL15	ME	5	TB02	11	12	13	
159	1	•	7		TB02	11	12	J04	21	,		
160	10	16	4		J04	20	3	K102-I	OUT	23		
footier of the						-						
CONTROLL						19333	NT S	HEET 10		WL	73118700	REV.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	19333	ACCESS	HEET 10	ON.	WL ACCESS FIND NO.		
CONDUCTOR	FIND				ORIG	19333	ACCESS	ĺ	ри	ACCESS	73118700	
CONDUCTOR IDENT.	FIND				ORIG	19333	ACCESS FIND NO.	ĺ	) N	ACCESS	73118700	
CONDUCTOR IDENT.	FIND	(REF.)	(REF.)			19333	ACCESS FIND NO.	DESTINATIO		ACCESS FIND NO.	73118700	
CONDUCTOR IDENT. 161	FIND NO.				ORIG K02-1 J04	19333	ACCESS FIND NO.	ĺ	18	ACCESS	73118700	
CONDUCTOR IDENT.  161  162  163	FIND NO.	(REF.)	(REF.)		K02-1	19333	ACCESS FIND NO.	DESTINATIO		ACCESS FIND NO.	73118700 REMARKS	
CONDUCTOR IDENT.  161  162  163  164	FIND NO.	(REF.)	(REF.)		KOZ-1	19333	ACCESS FIND NO.	J04 TB02	18	ACCESS FIND NO.	73118700	
CONDUCTOR IDENT.  161  162  163  164  165	FIND NO.	(REF.)	(REF.)		KOZ-1 JO4 FL16	19333	ACCESS FIND NO.	J04 TB02 TB02	18 13 13	3 12 12	73118700  REMARKS	
CONDUCTOR IDENT.  161  162  163  164  165  166	FIND NO.	(REF.)	(REF.)		K02-1 J04 FL16 C33	19333 IN  OUT  17  ME  ME  T	ACCESS FIND NO.	JO4 TB02 TB02 XF02	18 13 13 B	ACCESS FIND NO.	73118700  REMARKS	
CONDUCTOR IDENT.  161  162  163  164  165  166  167	FIND NO.	(REF.)	(REF.)		K02-1 J04 FL16 C33 XF02	19333 IN OUT 17 ME MB	23 3 5 16	J04 TB02 TB02 XF02 K36	18 13 13 B	3 12 12 16 5 6	73118700  REMARKS	
CONDUCTOR IDENT.  161  162  163  164  165  166  167  168	FIND NO.	(REF.)	(REF.)		K02-1 J04 FL16 C33 XF02 K06	19333 IN	23 3 5 5 16 6	J04 TB02 TB02 XF02 K76 XF102	18 13 13 B 6	3 12 12 16 5 6	73118700  REMARKS	
CONDUCTOR IDENT.  161  162  163  164  165  166  167  168  169	FIND NO.	(REF.)	4 A		K02-1 J04 FL16 C33 XF02 K06 XF102	19333 IN  OUT  17  ME  MB  T  G  B	23 3 5 5 16 6	J04 TB02 TB02 XF02 K76 XF102 C133	18 13 13 B G T	3 12 12 16 5 6 16	73118700  REMARKS	
CONDUCTOR IDENT.  161  162  163  164  165  166  167  168  169  170	FIND NO.	(REF.)	4 A		K02-1 J04 FL16 C33 XF02 K06 XF102 FL116	19333 IN  OUT  17  ME  ME  T  G  B  ME	23 3 5 5 16 6 6 16 5	J04 TB02 TB02 XF02 K76 XF102 C133 TB02	18 13 13 B G T ME 14	3 12 12 16 5 6 16	73118700  REMARKS	
CONDUCTOR IDENT.  161  162  163  164  165  166  167  168  169  170	FIND NO.	(REF.)	4 4 A		K02-1 J04 FL16 C33 XF02 K06 XF102 FL116 TB02	19333 IN  aut 17  ME  ME  T  G  B  ME  14	23 3 5 5 16 6 16 5	J04 TB02 TB02 XF02 K76 XF102 C133 TB02 J04	18 13 13 B 6 T ME 14	3 12 12 16 5 6 16 5	73118700  REMARKS	
CONDUCTOR IDENT.  161  162  163  164  165  166  167  168  169  170  171	FIND NO.	(REF.)	4 4 A		K02-1 J04 FL16 C33 XF02 K06 XF102 FL116 TB02	19333 IN  aut 17  ME  ME  T  G  B  ME  14	23 3 5 5 16 6 16 5	J04 TB02 TB02 XF02 K76 XF102 C133 TB02 J04	18 13 13 B 6 T ME 14	3 12 12 16 5 6 16 5	73118700  REMARKS	
CONDUCTOR IDENT.  161  162  163  164  165  166  167  168  169  170  171  172	FIND NO.	(REF.)	(REF.)		K02-1 J04 FL16 C33 XF02 K06 XF102 FL116 TB02	19333 IN  aut 17  ME  ME  T  G  B  ME  14	23 3 5 5 16 6 16 5	J04 TB02 TB02 XF02 K76 XF102 C133 TB02 J04	18 13 13 B 6 T ME 14	3 12 12 16 5 6 16 5	73118700  REMARKS	
CONDUCTOR IDENT.  161  162  163  164  165  166  167  168  169  170  171  172  173	FIND NO.	IG IIG	4 A A A A A A A A A A A A A A A A A A A		KO2-1 JO4 FL16 C33 XFO2 KO6 XF102 FL116 TB02 JO4	19333 IN  OUT  17  ME  T  G  B  ME  14  29	3 5 5 5 16 6 16 5	J04 TB02 TB02 XF02 K76 XF102 C133 TB02 J04 K102 - 3	18 13 13 B 6 T ME 14 35	3 12 12 16 5 6 16 5 12 3 23	73118700  REMARKS	
CONDUCTOR IDENT.  161  162  163  164  165  166  167  168  169  170  171  172  173  174	FIND NO.	IG IG	(REF.)		K02-1 J04 FL16 C33 XF02 K06 XF102 FL116 TB02 J04 K02-3	19333 IN  aut 17  ME  ME  T  G  B  ME  14  29	23 3 5 5 16 6 16 5 12 3	J04 TB02 TB02 XF02 K36 XF102 C133 TB02 J04 K102 - 3	18 13 13 B 6 T ME 14 35 out	3 12 12 16 5 (6) 16 5 12 3 23	73118700  REMARKS	
CONDUCTOR IDENT.  161  162  163  164  165  166  167  168  169  170  171  172  173  174  175	FIND NO.	IG IG	(REF.)		K02-1 J04 FL16 C33 XF02 K06 XF102 FL116 TB02 J04 K02-3 J04	19333 IN  OUT  17  ME  ME  T  G  B  ME  14  29  OUT  30	23 3 5 5 16 6 16 5 12 3	J04 TB02 TB02 XF02 K76 XF102 C133 TB02 J04 K102-3	18 13 13 B 6 T ME 14 35 out	3 12 12 16 5 (6) 16 5 12 3 23	73118700  REMARKS  13  13  13	
CONDUCTOR IDENT.  161  162  163  164  165  166  167  168  169  170  171  172  173  174  175  176	FIND NO.	IG IG	(REF.)		K02-1 J04 FL16 C33 XF02 K06 XF102 FL116 TB02 J04 K02-3 J04 FL115	19333 IN  OUT  17  ME  T  6  B  ME  14  29  OUT  30  ME	3 5 5 16 6 16 5 12 3	J04 TB02 TB02 XF02 K76 XF102 C133 TB02 J04 K102 - 3	18 13 13 13 13 14 35 007 28 12	3 12 12 16 5 6 16 5 12 3 23	73118700  REMARKS  13  13  13	

CONTROLL	ATA					19333	NT S	4EET 11		WL	73118700	ALE X
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	1	LENGTH (APPROX)	ORIGI	N	ACCESS FIND NO.	DESTINATIO	Z	ACCESS FIND NO.	REMARKS	
181	10	16	4		J04	13	3"	K02-2	OUT	23		
182	4	<b>A</b>	<b>A</b>		K02-2	IN	14,25	CB07	В	2		
183	+	+	+		CB04	т	2	CO4	Р	2		
184	10	16	4		CQ8	N	2	СВ05	т	2		
185												
186	10	16	4		J04	3	3	TB02	5	12		
187	•	<b>A</b>	•		TB02	5	12	J04	2	3		
188					J04	1	3.	TB02	6	12		
<b>18</b> 9					TB02	7	12	XFO1	В	16		
190	1	V	y		XF01	T	16	co3	Р	2		
191	10	16	4		TB02	3	12	TB04	2	16		
192	·									<u></u>		
193	21	20	4		J04	33	4	K101	R3	15, 24		
194	1		<b>A</b>		TB02	7	14 (12)	J04	48	4		
195	Ш				J04	46	4	TB09	8	8		
196	Ш				TB09	9	8	J04	45	4		
197				<u> </u>	J04	43	4	S07	B1	11, 25		
198	Ш				S07	В3	11, 25	J04	42	4		
199	1		1	<u> </u>	J04	41	4	507	C1	11, 25		
200	21	20	4	<u> </u>	507	<u> </u>	11, 25	J04	40			
CONTROL	AVA					19333		1EET 12		WL	73118700	REV.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)		LENGTH			ACCESS			400000		
201		1 467.7	(REF.)	(APPROX)	ORIGI	N	FIND NO.	DESTINATIO	7	ACCESS FIND NO.	REMARKS	
	21	20	(REF.)	(APPROX)	ORIGI J04	N 39		DESTINATIO	1.8		REMARKS	
202	21			(APPROX)			FIND NO.			FIND NO.	REMARKS	
202	21			(APPROX)	J04	39	FIND NO.	к05	1,8	FIND NO.	REMARKS	
	21			(APPROX)	J04 K05	39 R2	4 15, 24	K05 TB02	1.8 2	15,24 11	REMARKS	
203	21			(APPROX)	J04 K05 TB02	39 R2 2	15, 24 11	K05 TB02 K105	1.8 2 R2	15,24 11 15, 24	REMARKS	
203	21			(APPROX)	JO4 KO5 TBO2 K105	39 R2 2 L8	15, 24 11 15, 24	K05 TB02 K105 J04	1.8 2 R2 54	15,24 11 15, 24 4	REMARKS	
203 204 205	21			(APPROX)	J04 K05 TB02 K105 J04	39 R2 2 L8 55	15, 24 11 15, 24 4	K05 TB02 K105 J04 S107	1.8 2 R2 54 C3	15,24 11 15, 24 4 11, 25		
203 204 205 206	21			(APPROX)	J04 K05 TB02 K105 J04 S107	39 R2 2 L8 55	15, 24 11 15, 24 4 11, 25	K05 TB02 K105 J04 S107 J04	1.8 2 R2 54 C3 56	15,24 11 15, 24 4 11, 25		
203 204 205 206 207	21			(APPROX)	J04 K05 TB02 K105 J04 S107 J04	39 R2 2 L8 55 C1 57	15, 24 11 15, 24 4 11, 25 4	K05 TB02 K105 J04 S107 J04 S107	1.8 2 R2 54 C3 56	15,24 11 15, 24 4 11, 25 4 11, 25		
203 204 205 206 207 208	21			(APPROX)	J04 K05 TB02 K105 J04 S107 J04 S107	39 R2 2 L8 55 C1 57	15, 24 11 15, 24 4 11, 25 4 11, 25 4	K05 TB02 K105 J04 S107 J04 S107 J04	1.8 2 R2 54 C3 56 B3 58	15,24 11 15, 24 4 11, 25 4 11, 25		
203 204 205 206 207 208 209	21			(APPROX)	J04 K05 TB02 K105 J04 S107 J04 S107 J04	39 R2 2 L8 55 C1 57 B1 65	15, 24 11 15, 24 4 11, 25 4	K05 TB02 K105 J04 S107 J04 S107 J04 S107	L8 2 R2 54 C3 56 B3 58 C2	15,24 11 15, 24 4 11, 25 4 11, 25 4		
203 204 205 206 207 208 209 210	21			(APPROX)	J04 K05 TB02 K105 J04 S107 J04 S107 J04 S107	39 R2 2 L8 55 C1 57 B1 65	15, 24 11 15, 24 4 11, 25 4 11, 25 4	K05 TB02 K105 J04 S107 J04 S107 J04 S107 S107	1.8  2  R2  54  C3  56  B3  58  C2  C2  L3  64	15, 24 11, 25 4 11, 25 4 12, 47 12, 47 15, 24 4		
203 204 205 206 207 208 209 210	21			(APPROX)	J04 K05 TB02 K105 J04 S107 J04 S107 J04 S107	39 R2 2 L8 55 C1 57 B1 65 B2	FIND NO.  4  15, 24  11  15, 24  4  11, 25  4  11, 25  4  12, 48  (48)  15, 24	K05 TB02 K105 J04 S107 J04 S107 J04 S107 S107 K101	L8 2 R2 54 C3 56 B3 58 C2 C2 L3 64 6	15,24 11 15,24 4 11,25 4 11,25 4 12,47,2 15,24 4 8		
203 204 205 206 207 208 209 210 211	21			(APPROX)	J04 K05 TB02 K105 J04 S107 J04 S107 J04 S107 J04 S107 J04 S107 K101 J04 TB09	39 R2 2 L8 55 C1 57 B1 65 B2 L2	FIND NO.  4  15, 24  11  15, 24  4  11, 25  4  12 (48)  15, 24  4  8	K05 TB02 K105 J04 S107 J04 S107 J04 S107 J04 S107 J04 S107 J04 S107 J04 S107	L8 2 R2 54 C3 56 83 58 C2 C2 L3 64 6	15,24 11 15,24 4 11,25 4 11,25 4 12,47 24 47 47 48 4		
203 204 205 206 207 208 209 210 211 212 213 214	21			(APPROX)	J04 K05 TB02 K105 J04 S107 J04 S107 J04 S107 J04 S107 S107 K101 J04 TB09 J04	39 R2 2 L8 55 C1 57 B1 65 B2 L2 62 7	FIND NO.  4  15, 24  11  15, 24  4  11, 25  4  125  4  125  4  15, 24  8  4	K05 TB02 K105 J04 S107 J04 S107 J04 S107 S107 K101 J04 TB09 J04 TB02	L8 2 R2 54 C3 56 B3 58 C2 C2 L3 64 6	15, 24 11, 25 4 11, 25 4 12, 47 15, 24 4 12, 27 47 15, 24 4 8 4		
203 204 205 206 207 208 209 210 211 212 213	21			(APPROX)	J04 K05 TB02 K105 J04 S107 J04 S107 J04 S107 J04 S107 J04 S107 K101 J04 TB09	39 R2 2 L8 55 C1 57 B1 65 B2 B2 L2 62	FIND NO.  4  15, 24  11  15, 24  4  11, 25  4  12 (48)  15, 24  4  8	K05 TB02 K105 J04 S107 J04 S107 J04 S107 S107 K101 J04 TB09 J04	L8 2 R2 54 C3 56 83 58 C2 C2 L3 64 6	15, 24 11 15, 24 4 11, 25 4 12, 47 15, 24 4 8 4 4 12, 47	5	
203 204 205 206 207 208 209 210 211 212 213 214 215 216 217	21			(APPROX)	J04 K05 TB02 K105 J04 S107 J04 S107 J04 S107 J04 S107 K101 J04 TB09 J04 TB02 J04	39 R2 2 L8 55 C1 57 B1 65 B2 L2 62 7	FIND NO.  4  15, 24  11  15, 24  4  11, 25  4  11, 25  4  12, 48  15, 24  4  8  4  14  4	K05 TB02 K105 J04 S107 J04 S107 J04 S107 S107 K101 J04 TB09 J04 TB02 J04 J04	L8 2 R2 54 C3 56 B3 58 C2 C2 L3 64 6 60 7 37 66	15,24 11 15,24 4 11,25 4 11,25 4 12,47)2 47 15,24 4 8 4 (12) 3,14	5	
203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218		20		(APPROX)	J04 K05 TB02 K105 J04 S107 J04 S107 J04 S107 J04 TB09 J04 TB02 J04 J04 J04	39 R2 2 L8 55 C1 57 B1 65 B2 L2 62 7 52 7	FIND NO.  4  15, 24  4  11, 25  4  11, 25  4  15, 24  8  4  14  4  4  14	K05 TB02 K105 J04 S107 J04 S107 S107 K101 J04 TB09 J04 TB02 J04 J04 K105	L8 2 R2 54 C3 56 B3 58 C2 C2 L3 64 6 60 7 37 66 L9	15, 24  11, 25  4  11, 25  4  12, 47  15, 24  4  17, 24  4  18  4  12  14  15, 24	5	
203 204 205 206 207 208 209 210 211 212 213 214 215 216 217	21			(APPROX)	J04 K05 TB02 K105 J04 S107 J04 S107 J04 S107 J04 S107 K101 J04 TB09 J04 TB02 J04	39 R2 2 L8 55 C1 57 B1 65 B2 L2 62 7	FIND NO.  4  15, 24  11  15, 24  4  11, 25  4  11, 25  4  12, 48  15, 24  4  8  4  14  4	K05 TB02 K105 J04 S107 J04 S107 S107 K101 J04 TB09 J04 TB02 J04 J04 J04	L8 2 R2 54 C3 56 B3 58 C2 C2 L3 64 6 60 7 37 66	15,24 11 15,24 4 11,25 4 11,25 4 12,47)2 47 15,24 4 8 4 (12) 3,14	5	

CONTROLL	AIA					CODE 1933		SF	HEET 13		WL	73118700	REV A
CONDUCTOR IDENT.	FIND NO.	GAUGE ( REF:)	COLOR (REF.)	LENGTH (APPROX)	ORIG	IN		CESS NO.	DESTINATIO	DN	ACCESS	REMAR	KS
221	21	20	4		J04	26	4		TB02	] 3	11		
222		4	4		ТВ02	,	1	i	J04	16	4		· · · · · · · · · · · · · · · · · · ·
223					104	24	4		K01 3	R3	15, 24		
224	4	1	1		ко1	R2	15,	24	S02	B2	11,25		
225	21	20	4		502	В3	11,	25	TB02	9	11		
226													
227													
228	21	20	4		TB02	9	1	1	ко5	1	15, 24		
<b>22</b> 9	4_	1	<u> </u>		ко5	R3	15,	24	K02 - 4	COIL	145(15)		
230					KO2-4	COL	4 (1	5	TB04	8	8		
231	-			<u> </u>	TB04	8	8	3	ко1	L6	15, 24		
232	-			ļ	ко1	L5	15,	24	TB02	2	14 (16)		
233	<del>                                     </del>	- -	$\Box$		TB02	2	(1)	6	K101	L5	15, 24	· · · · · · · · · · · · · · · · · · ·	
234	₩		- -		K101	L6	15,	24	K102-4	COIL	14 17		
235	<b>↓</b> ↓			<u> </u>	K102-4	B		7.	TB04	22	8		
236	1	1	<b>  Y</b>	ļ	TB04	22	8	}	K105	R3	15, 24		
237	21	20	4		K105	R5	_	5, 24	TB02	4	11		
238	17	24	4	<u> </u>	R105	Rl	47	2	SSW104	4	11		
239	21_	20	4	<b>!</b>	SSW103	4		(19)	SSW102	4	14 20		
240	21	20	1 4	<u> </u>	SSW102	4	(20	<u> </u>	SSW101	4	11		
<b>(0)</b> 711(ti. 1	AV.					193		SH	IEET 14		WL	73118700	REV.
CONDUCTOR	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	IN	•	CESS NO.	DESTINATIO	)N	ACCESS FIND NO.	REMARI	(S
241	21	20	4		SSW103	4	6	9)	TB02	4	11		
242	17	24	4		ко5	Rl	15		SSW04	4			
243			<del>                                     </del>			1	24		22MO+	+	11		
244							1						
245	21	20	4		TB02	10	1	1	S102	B3	11, 25		
246	21	20	4		T804	2		8	TB09	10	8	<del></del>	
247	21	20	4		TB04	7	46)	16	T809	18	8		
248	<u> </u>				·	─ <del> </del>	1			1			•
249	21	20	4		T804	7	16,	.6)	K02-1	COIL	25,11		
250	21	20	4		K102-/	COT		-	T804	21	€9+6		
251													
252													
253	21	20	4		TB02	7	12	(21)	CB02	58	5		
254	A	<b>A</b>	Ā		CB02	31		5	CB04	58	5		
255					CB04	30	:	5	CB05	58	5		
256					CB05	31	, ,	5	CB107	58	5		
250					DS109	В	8	3	TB02	12	11		
257													
258					TB02	14	1	1	DS106	В	8		
	1	V			TB02 DS06	14 B	1		DS106	13	11		

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CONTROLLO	Av.v				٥	19333	NT S	HEET 15		WL	DOCUMENT NO. 7311/8700	REV A
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)		LENGTH (APPROX)	ORIGIN		ACCESS FIND NO	DESTINATIO	z	ACCESS FIND NO.	REMARK\$	
261	21	20	4		CB07	58	5	CB05	30	5		
262	4	. 4	A		TB02	4	11	SSW03	4	14 (22)		
263					SSW03	4	(22)	SSW02	4	14 (23)		
264					SSW02	4	<b>23</b>	SSW01	4	11		
265	Y	V	V		SSW01	3	14 (24)	SSW02	3	14 (25)	•	
266	21	20	4		SSW02	3	(25)	SSW03	3	14 (26)		
267												
268	21	20	4		TB02	9	11	SSW01	3	(24)		
269		A			SSW101	3	14 (27)	SSW102	3	14 (28)		
270					SSW1 02	9	<b>⟨</b> 28⟩	SSW103	3	14 (29)		
271	1	1	4		SSW03	3	(26)	SSW04	3	11		
272	21	20	4		SSW103	3	29	SSW104	3	11		
273								1	1			
274	21	20	4		K105	1	15, 24	TB02	10	11		
275		1	1			1	: -	100	,	1 . 3		
276					TBO2	:10	1 11	SSW101	3	27		
277	1				į		1 i	11.16	`	17 . 36		
278	21	20	4		K101	R2	15, 24	5102	B2	11, 25		
279		<u> </u>	ļ					<u> </u>				
280	21	20			S07	B2	25(05)	K01	L3	15, 24		
	-					<u> </u>						
CONTROLL	DATA.					19333	NT.	MEET 16		WL	DOCUMENT NO. 73118700	REV.
CONTROL CONDUCTOR	- 3	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	l l	19333	NT.		ON .	WL ACCESS FIND NO.		
CONDUCTOR	FIND		1	1	l l	19333	ACCESS	DESTINATIO	T	ACCESS FIND NO.	<b>73118</b> 700	
CONDUCTOR IDENT.	FIND NO.	(REF.)	(REF.)	1	ORIGIN	19333	ACCESS		DN 8 6	ACCESS FIND NO.	73118700 REMARKS	
CONDUCTOR IDENT.	FIND NO.	(REF.)	(REF.)	1	ORIGIN KO2-2	19333 OUT T	ACCESS FIND NO 25,11 8	DS05	8	ACCESS FIND NO. 8	73118700 REMARKS	
CONDUCTOR IDENT. 281 282	FIND NO.	(REF.)	(REF.)	1	ORIGIN K02-2 DS05 TB02	19333 OUT	ACCESS FIND NO	DS05 TB02 DS105	8 6 T	ACCESS FIND NO. 8 11 30	73118700 REMARKS	
CONDUCTOR IDENT.  281  282  283	FIND NO.	(REF.)	(REF.)	1	ORIGIN K02-2 DS05	19333 OUT T 6	ACCESS FIND NC 25,11 8 (30)	DESTINATION DS05 TB02 DS105 K102-2	8 6 T OUT	ACCESS FIND NO. 8 11 30 8 25,11	73118700 REMARKS	
CONDUCTOR IDENT.  281  282  283  284	FIND NO.	(REF.)	(REF.)	1	ORIGIN  K02-2  DS05  TB02  DS105	19333 OUT T 6 B	ACCESS FIND NO 25,11 8 (30)	DS05 TB02 DS105	8 6 T	ACCESS FIND NO. 8 11 30	73118700 REMARKS	
CONDUCTOR IDENT.  281  282  283  284  285	FIND NO.	(REF.)	(REF.)	1	ORIGIN  K02-2  DS05  TB02  DS105  K102-1	19333 OUT T 6 B OUT	ACCESS FIND NC 25,11 8 30 8 25,11	DESTINATIO DS05 TB02 DS105 K102-2 DS107	6 T OUT B	ACCESS FIND NO.  8 11 (30) 8 25,11 8 11 (71)	73118700 REMARKS	
CONDUCTOR IDENT.  281  282  283  284  285	FIND NO.	(REF.)	(REF.)	1	ORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107	19333 OUT T 6 B OUT T	ACCESS FIND NC 25,11 8 (30) 8 25,11	DESTINATIO DS05 TB02 DS105 K102-2 DS107 TB02	6 T OUT B	ACCESS FIND NO. 8 11 (30) 8 25,11 8 11 (31)	73118700 REMARKS	
CONDUCTOR IDENT.  281  282  283  284  285  286  287	FIND NO.	(REF.)	(REF.)	1	ORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02	19333  OUT  T  6  B  OUT  T	ACCESS FIND NO 25,11 8 30) 8 25,11 8 31)	DESTINATIO DS05 TB02 DS105 K102-2 DS107 TB02	8 6 T OUT B 1	ACCESS FIND NO. 8 11 (30 8 25,11 8 11 (31)	73118700 REMARKS	
CONDUCTOR IDENT.  281  282  283  284  285  286  287	FIND NO.	(REF.)	(REF.)	1	ORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02	19333  OUT  T  6  B  OUT  T	ACCESS FIND NC 25,11 8 30 8 25,11 8 (31) 8	DESTINATIO  DS05  TB02  DS105  K102-2  DS107  TB02  DS07  K02-/	8 6 T OUT B 1 T OUT	ACCESS FIND NO. 8 11 \( \sqrt{3}\) 8 25,11 8 25,11	73118700 REMARKS	
CONDUCTOR IDENT.  281  282  283  284  285  286  287  288	FIND NO.	(REF.)	(REF.)	1	ORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3	19333  OUT  T  6  B  OUT  T  1  B  OUT	ACCESS FIND NC 25,11 8 (30) 8 25,11 8 (31) 8 25,11	DESTINATIO  DS05  TB02  DS105  K102-2  DS107  TB02  DS07  K02-/ DS08	8 6 T OUT B 1 T OUT B	ACCESS FIND NO. 8 11 (30) 8 25,11 8 11 (31) 8 25,11	73118700 REMARKS	
CONDUCTOR IDENT.  281  282  283  284  285  286  287  288  289	FIND NO.	(REF.)	(REF.)	1	DS105  K102-1  DS107  TB02  DS107  TB02  DS107  TB02  DS07  K02-3  DS08	19333  OUT  T  6  B  OUT  T  1  B  OUT  T	ACCESS FIND NC 25,11 8 (30) 8 25,11 8 (31) 8 25,11 8	DESTINATIO DS05 TB02 DS105 K102-2 DS107 TB02 DS07 K02-/ DS08 TB02	8 6 T OUT B 1 T OUT B 6	ACCESS FIND NO. 8 11 \( \sqrt{3}\) 8 25,11 8 25,11 8 11 \( \sqrt{3}\) 8	73118700 REMARKS	
CONDUCTOR IDENT.  281  282  283  284  285  286  287  288  289  290  291	FIND NO.	(REF.)	(REF.)	1	DRIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3  LIS08  TB02	19333  OUT  T  6  B  OUT  T  1  B  OUT  T  6	ACCESS FIND NC 25,11 8 30) 8 25,11 8 25,11 8 25,11 8	DESTINATION DS05 TB02 DS105 K102-2 DS107 TB02 DS07 K02-/ DS08 TB02 DS108 K102-3	B 6 T OUT B 1 T OUT B 6 T	ACCESS FIND NO. 8 11 \( \sqrt{3}\) 8 25,11 8 25,11 8 11 \( \sqrt{3}\) 8	73118700 REMARKS	
CONDUCTOR IDENT.  281  282  283  284  285  286  287  288  289  290  291  292	FIND NO.	(REF.)	(REF.)	1	DRIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3  DS08  TB02  DS108	19333  OUT  T  6  B  OUT  T  1  B  OUT  T  6  B  OUT  B  OUT	ACCESS FIND NC 25,11 8 30 8 25,11 8 25,11 8 32 8 25,11 8	DESTINATION DS05 TB02 DS105 K102-2 DS107 TB02 DS07 K02-/ DS08 TB02 DS108 K102-3	8 6 T OUT B 1 COUT COUT	ACCESS FIND NO. 8 11 (30) 8 25,11 8 11 (31) 8 25,11 8 11 (32) 8	73118700 REMARKS	
CONDUCTOR IDENT.  281  282  283  284  285  286  287  288  289  290  291  292  293	FIND NO.	(REF.)	(REF.)	1	DS105  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3  DS08  TB02  DS108  K102-4	19333  OUT  T  6  B  OUT  T  1  B  OUT  T  6  B  IN	ACCESS FIND NC 25,11 8 330) 8 25,11 8 25,11 8 25,11 8 32) 8 11, 25	DESTINATION DS05 TB02 DS105 K102-2 DS107 TB02 DS07 K02-/ DS08 TB02 DS108 K102-3 TB02	8 6 T OUT B 1 T OUT B 6 T	ACCESS FIND NO.  8 11 (30) 8 25,11 8 11 (31) 8 25,11 8 11 (32) 8 25,11 11 (33)	73118700 REMARKS	
CONDUCTOR IDENT.  281  282  283  284  285  286  287  288  289  290  291  292  293	FIND NO.	(REF.)	(REF.)	1	DS105  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3  DS08  TB02  DS108  K102-4	19333  OUT  T  6  B  OUT  T  1  B  OUT  T  6  B  IN	ACCESS FIND NC 25,11 8 30) 8 25,11 8 25,11 8 25,11 8 11, 29	DESTINATION DS05 TB02 DS105 K102-2 DS107 TB02 DS07 K02-/ DS08 TB02 DS108 K102-3 TB02	8 6 T OUT B 1 T OUT B 6 T	ACCESS FIND NO.  8 11 (30) 8 25,11 8 25,11 8 11 (32) 8 25,11 11 (33) 9, 24	73118700  REMARKS	
CONDUCTOR IDENT.  281  282  283  284  285  286  287  288  289  290  291  292  293  294  295	FIND NO. 17	(REF.) 24	(REF.)	1	DRIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3  DS08  TB02  DS108  K102-4  TB02	19333  OUT  T  6  B  OUT  T  1  B  OUT  T  6  B  IN  8	ACCESS FIND NC 25,11 8 (30) 8 25,11 8 (31) 8 25,11 8 (32) 8 11, 25 (33) (34) 6	DESTINATION DS05 TB02 DS105 K102-2 DS107 TB02 DS07 K02-/ DS08 TB02 DS108 K102-3 STB02 K05	8 6 T OUT B 1 T OUT B 6 T OUT 5	ACCESS FIND NO. 8 11 (31) 8 25,11 8 25,11 8 11 (32) 8 25,11 11 (33) 9, 24	73118700  REMARKS	
CONDUCTOR IDENT.  281  282  283  284  285  286  287  288  289  290  291  292  293  294  295  296	FIND NO. 17	(REF.) 24	(REF.)	1	DRIGIN  K02-2 DS05 TB02 DS105 K102-1 DS107 TB02 DS07 K02-3 DS08 TB02 DS108 K102-4 TB02 K05 J04 TB02	19333  OUT  T  6  B  OUT  T  1  B  OUT  T  6  B  IN  8  : R1  25	ACCESS FIND NC 25,11 8 (30) 8 25,11 8 (21) 8 25,11 8 (32) 8 11, 25 (33) (34) 6 (35)	DESTINATION DS05 TB02 DS105 K102-2 DS107 TB02 DS07 K02-/ DS08 TB02 DS108 K102-3 STB02 K05 J04 TB02 K101	8 6 T OUT B 1 T OUT B 6 T OUT 5 L9	ACCESS FIND NO.  8 11 (30) 8 25,11 8 25,11 8 11 (32) 8 25,11 11 (33) 9, 24	73118700  REMARKS	
CONDUCTOR IDENT.  281  282  283  284  285  286  287  288  289  290  291  292  293  294  295  296	FIND NO. 17	(REF.) 24	(REF.)	1	ORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3  LS08  TB02  DS108  K102-4  TB02	19333  OUT  T  6  B  OUT  T  1  B  OUT  T  6  B  IN  8  : R1	ACCESS FIND NC 25,11 8 (30) 8 25,11 8 (31) 8 25,11 8 (32) 8 11, 25 (33) (34) 6	DESTINATION DS05 TB02 DS105 K102-2 DS107 TB02 DS07 K02-/ DS08 TB02 DS108 K102-3 STB02 K05 J04 TB02 K101 TB02	8 6 T OUT B 1 T OUT B 6 T OUT 5 L9	ACCESS FIND NO. 8 11 \( \sqrt{3}\) 8 25,11 8 11 \( \sqrt{3}\) 8 25,11 11 \( \sqrt{3}\) 9, 24	73118700  REMARKS	

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	AYA\					19333	NT	SHEET	17		WL	731187		-	REV A
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN	1	ACCES	1	DESTINATIO	7	ACCESS FIND NO.		REMARI	K\$	•
301	17	24	4		DS10	В	8	тво	)2	7	(21)	MINISTRAL AND ADDRESS OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PA			
302		4	Å		TB02	7	11 4	o) so1	l	A3	11, 25				
303					S01	B2	11, 2	5 TBC	02	2	11 (37)				
304	17	24	4		TB02	2	33	ко	5	R5	9, 24				
305									,		- 4				
306	17	24	4		<b>KO</b> 5	R6	9,2	4 J0	4	8	6	**			
307	1	A	1		J04	7	6	ко	5	2	9, 24				
308					ко1	2	9, 2	4 TB	02	1	3	·-··			
309					TB02	1	11 (3	8) S1	02	C2	11, 25				
310					T804	20	8	TB	09	17	8				
311					TB04	20	8	10	4	59	6				
312					J04	49	6	so	1	A2	11 25 43				
313					<b>S</b> 01	A2.	(3)	ко	2-4	IN	11 25 39				
314					K02-4	IN.	(39)		1	1	9, 24				
315	17	24	4		ко1	L2	9, 2		02	7	(40)				
316					,		1				,				
317	17	24	4		J04	50	6	ко	2-4	OUT	25,11				
318	1	4	1		K102-4		25,11	50		C2	11 (4)				
319	1	V	TV		507	C2	(4)		<del></del>	B2	<b>63</b>			<del>1</del>	
320	17	24	4		T804	6	18	_	808	16	8				
		24	4	est.	T804		1 B	_	800	16		DOCUMEN 731	t no. 18700		REV.
320 (FO)/TROD CONDUCTO	DAIA	GAUGE	COLOR			CODE 18	1 B DENT	SHEE	во <b>ю</b> т ₁₈		WL ACCESS	731	18700	PKS	
320 CONTROL	DAIA	\	COLOR (REF.)		I () ORIG	CODE 18 1933	1 8 DENT 3	SHEET SS NO.	1 18 DESTINATIO	ON	WL ACCESS FIND NO	731		RKS	
320 CONTROL	DAIA	GAUGE	COLOR			CODE 18	1 & DENT	SHEET SS NO.	во <b>ю</b> т ₁₈		WL ACCESS FIND NO	731	18700	RKS	
CONDUCTO	DATA R FIND NO.	GAUGE (REF.)	COLOR (REF.)		I () ORIG	CODE 18 1933	1 8 DENT 3	SHEE:	1 18 DESTINATIO	ON	WL ACCESS FIND NO 6 8	731	18700	RKS	
CONTROL CONDUCTO IDENT. 321	DATA R FIND NO.	GAUGE (REF.)	COLOR (REF.)		ORIG TB04 J04 DS111	CODE 16 1933 IN	1 B ACCE FIND 8 6 B	SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET	DESTINATION  DESTINATION  S111  B02	ON 44 B	WL ACCESS FIND NO 6 8 11 (41	731	18700	RKS	
CONDUCTO IDENT.  321  322	DATA R FIND NO.	GAUGE (REF.)	COLOR (REF.)		ORIG TBO4	6 CODE II 1933	ACCE FIND 8	SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET	T 18  DESTINATION 04 \$111	ON 144 B	8 WL ACCESS FIND NO 6 8 11 41 8	731	18700	RKS	
320 CONTROL CONDUCTO IDENT. 321 322 323	DATA FIND NO. 17	GAUGE (REF.)	COLOR (REF.)		ORIG TB04 J04 DS111 TB02 DS11	CODE II 1933 IN 6 22 T 3 B	1 8 ACCE FIND 8 6 8 41 8	SHEET  SHEET  SS NO.  J()  DC  TI  J()	DESTINATION  DESTINATION  S111  B02  S11  04	DN 44 B 3 T 10	8 WL ACCESS FIND NO 6 8 11 41 8 6	731	18700	RKS	
320 CONDUCTO IDENT. 321 322 323 324	DATA R FIND NO.	GAUGE (REF.)	COLOR (REF.)		ORIG TB04 J04 DS111 TB02	CODE II 1933 IN 6 22 T 3 B 15	1 8 SENT . 3 SENT . 3 SENT . 3 SENT . 3 SENT . 3 SENT . 3 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5 SENT . 5	SHEET SHEET SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN IN THE SHOWN	DESTINATION  DESTINATION  S111  B02  S11  04  105	ON	8 WL ACCESS FIND NO 6 8 11 41 8	731	18700	RKS	
320 CONDUCTO IDENT. 321 322 323 324 325 326 327	PATA FIND NO.	GAUGE (REF.) 24	COLOR (REF.)		ORIG TB04 J04 DS111 TB02 DS11 J04	6 CODE II 1933 IN 6 22 T 3 B 15	1 8 SENT 3 ACCE FIND 8 6 8 41 8 6	SHEET SHEET SS NO. DX TI	DESTINATION 04 \$111 802 \$111 04 \$105	DN	8 WL ACCESS FIND NO 6 8 11 (41 8 6 15 (42	731	18700	RKS	
320 CONTROL CONDUCTO IDENT. 321 322 323 324 325 326	DATA FINDING 17 17 17	GAUGE (REF.) 24 24 24	COLOR (REF.)		DS111 TB02 DS11 J04 1 K105	6 CODE II 1933 IN 6 22 T 3 B 15	1 8 SENT 3 ACCE FIND 8 6 8 6 41 8 6 9,	SHEE: SS NO.  JO TI DS JI K  24 JI	DESTINATION 04 \$111 B02 \$11 04 105	DON	8 WL ACCESS FIND NO 6 8 11 41 8 6 124 42	731	18700	RKS	
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320 CONDUCTO IDENT. 321 322 323 324 325 326 327 328 329 330 331	DAIA R FIND NO.	GAUGE (REF.) 24 24 24 24	COLOR (REF.)		DRIG TB04 J04 DS111 TB02 DS11 J04 1 K105 J04	CODE II 1933 IN 6 22 T 3 B 15	1 8 SENT 3 ACCE FIND 8 6 8 41 8 6 9, 6	SHEETS NO.  JOB DE TO TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE TO THE T	DESTINATION 04 \$111 802 \$111 04 1.05	DN 44 B 3 T 10 R1 1 5 L6	8 WL ACCESS FIND NO 6 8 11 41 8 6 15 42 42	731	18700	RKS	
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320 GONTROL  CONDUCTO IDENT.  321 322 323 324 325 326 327 328 329 330 331 332 333	DAIA R FIND NO.	GAUGE (REF.) 24 24 24 24	COLOR (REF.)		DS111  TB02  DS11  J04  1  K105  J04  TB02  DS09	6 CODE II 1933 IN 6 22 T 3 B 15	1 8 ACCE FIND  8 6 8 41 8 6 9 6 6 9 6 8 8 8 8 8 8 8 8 8 8 8 8 8	SHEETS NO.  JULE 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 Miles 10 M	DESTINATION  DESTINATION  S111  B02  S11  04  105  04  103	DON    144   B   3   T   10   R1   1   5   L6	8 WL ACCESS FIND NO 6 8 11 41 8 6 124 42 6 9, 24	731	18700	RKS	
320 CONDUCTO IDENT.  321 322 323 324 325 326 327 328 329 330 331 332 333 334	17 17 17 17 17 17	GAUGE (REF.) 24 24 24 24 24	COLOR (REF.)		DRIG TB04 J04 DS111 TB02 DS11 J04 1 K105 J04 TB02 DS09	6   1933   IN	1 8 ACCE FIND 8 6 8 41 8 6 9, 6 6 8 8 8 8 8	TI   SHEE!   SS   NO.   J()   DS     TI	DESTINATION  DESTINATION  04  \$111  802  \$111  04  1.05  1.05  1.05  04  1.03	DN 44 B 3 T 10 R1 1 5 L6 C2 1 T	8 WL ACCESS FIND NO 6 8 11 (41 8 6 124 (42 6 9, 24 11, 25 8	731	18700	RKS	
320 CONDUCTO IDENT. 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335	17 17 17 17 17 17	GAUGE (REF.) 24 24 24 24 24	COLOR (REF.)		DRIG TB04 J04 DS111 TB02 DS11 J04 1 K105 J04 TB02 DS09 TB04 TB04	6   1933   IN	1 8 ACCE FIND 8 6 8 41 8 6 9, 6 6 8 8 8 8 8 8 8	TI   SHEE:   SS   NO.	DESTINATION 1 18  DESTINATION 04 \$111 B02 \$111 04 105 :	DON    144   B   3   T   10   R1   1   5   L6     C2   1   T   15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15     15	8 WL ACCESS FIND NO 6 8 11 (41 8 6 124 (42 111, 25 8 8 8	731	18700	RKS	
320 GONTROL  CONDUCTO IDENT.  321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336	17 17 17 17 17 17	GAUGE (REF.) 24 24 24 24 24	COLOR (REF.)		TB04  J04  DS111  TB02  DS11  J04  1  K105  J04  TB02  DS09  TB04  TB04  TB04	CODE	1 8 ACCE FIND 8 6 8 6 9 6 6 8 8 8 8 8 8 8 8	TI SHEE!  SSS NO.  J()  DX  TI  J()  K  Z4 J()  K  TI  DT  TT	DESTINATION 1 18  DESTINATION 04 1.05 1.05 1.04 1.05 1.05 1.04 1.05 1.05 1.05 1.05 1.05 1.05 1.05 1.05	DON    144   B   3   T   10   R1   1   1   1   1   1   1   1   1	8 WL ACCESS FIND NO 6 8 11 41 8 6 124 42 6 9, 24 11, 25 8 8 8 8	731	18700	RKS	
320 GONTROL  CONDUCTO IDENT.  321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337	17 17 17 17 17 17	GAUGE (REF.) 24 24 24 24 24	COLOR (REF.)		TB04  J04  DS111  TB02  DS11  J04  1  K105  J04  TB02  DS09  TB04  TB04  TB04  TB04	1933 IN  6 22 T 3 B 15 2 4 T 15 5 17	1 8 ACCE FIND  8 6 8 41 8 6 6 9 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8	SHEET SS NO. JUNE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE	DESTINATION 11 18 DESTINATION 04 S111 B02 S111 04 1.05 1.05 1.05 1.05 1.05 1.05 1.05 1.05	DN	8 WL ACCESS FIND NO 6 8 11 (41 8 6 15 (42 6 9, 24 11, 25 8 8 8 8	731	18700	RKS	
320 GONTROL  CONDUCTO IDENT.  321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336	17 17 17 17 17 17	GAUGE (REF.) 24 24 24 24 24	COLOR (REF.)		TB04  J04  DS111  TB02  DS11  J04  1  K105  J04  TB02  DS09  TB04  TB04  TB04	CODE	3 ACCE FIND 8 6 8 41 8 6 9 9 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8	TI   SHEE:   SS   NO.	DESTINATION 1 18  DESTINATION 04 1.05 1.05 1.04 1.05 1.05 1.04 1.05 1.05 1.05 1.05 1.05 1.05 1.05 1.05	DON    144   B   3   T   10   R1   1   1   1   1   1   1   1   1	8 WL ACCESS FIND NO 6 8 11 41 8 6 124 42 6 9, 24 11, 25 8 8 8 8	731	18700	RKS	

CONTROLIDA	MA.					COD€ 16 19333	ENT	SHEET 19		WL	73118700	RFV.
	794 <b>0</b> NO.	GAUGE (REF.)		LENGTH (APPROX)	ORIGI	N	ACCES		ОИ	ACCESS FIND NO.	REMARKS	
341	21	20	4		TBO4	2	8	TB04	4	В		
342	21	20	4		TBO4	4	В	TB04	16	В		
343	21	20	4		TBO4	16	В	TB04	18	8		•
344												
345												
346												
347	21	20	4		C31	ME	5	CB07	30	5	14	
348												
<b>3</b> 49												
<b>3</b> 50												
351												
352												
353	21	20	4		C131	ME	5	CB107	3D	5	14	
354	10	16	4		J04	1.2	3	FL19	OME	5		
355	10	16	4		J04	1.3	3	FL119	OME	5		
356							<u> </u>					
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259				1			1		1			
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360												
GONTROLI	IAIA					CODE (		SHEET 20		WL	DOCUMENT NO. 73118700	REV A
	ATA FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	1933		s	ION	WL ACCESS FIND NO	73118700	Α
CONTROL	FIND	e e		1	ORIG	1933	ACCE	s	ion	ACCESS	73118700	Α
CONTROL II	FIND	e e		1	ORIG	1933	ACCE	IO. DESTINAT		ACCESS FIND NO	73118700	Α
CONTROL II	FIND NO.	(REF.)		(APPROX)		1933	ACCES FIND N	s	10N 6 14	ACCESS	73118700	Α
CONTROL III	FIND NO.	(REF.)		(APPROX)	т06	1933	ACCES FIND N	TO1	6	ACCESS FIND NO	73118700	Α
CONTROL III	FIND NO.	16 12		12 12	T06	1933	ACCES FIND N	TO1	6 14	ACCESS FIND NO	73118700	Α
CONTROL III CONDUCTOR IDENT.  361  362  363  364	FIND NO.	16 12 12		12 12 11	T06 T06 T06	1933 GIN 1 2	ACCES FIND N	T01 T01 TB06	6 14 3	57 56 53	73118700	Α
CONTROL III.  CONDUCTOR IDENT.  361  362  363  364  365	FIND NO.	16 12 12 16		12 12 11 10	T06 T06 T06	1933 SIN 1 2 3	ACCES FIND N	TO1 TB06 TO2	6 14 3	57. 56 53 51 53	73118700	Α
CONTROL III  CONDUCTOR IDENT.  361  362  363  364  365  366	FIND NO.	16 12 12 16 12		12 12 11 10 11	T06 T06 T06 T06 T06	1933 SIN 1 2 3 4 5	ACCES FIND N	TO1 1 T01 1 T806 T02 TB06	6 14 3 3 2	57. 56 53 51 53	73118700	Α
CONTROL III  CONDUCTOR IDENT.  361  362  363  364  365  366  367	FIND NO.	16 12 12 16 12 16 12		12 12 11 10 11	T06 T06 T06 T06 T06 T06	1933 SIN 1 2 3 4 5	ACCES FIND N	TO1 1 TO1 1 TB06 102 100 100 100 100 100 100 100 100 100	6 14 3 3 2 16	57 56 53 51 53	73118700	Α
CONTROL III  CONDUCTOR IDENT.  361  362  363  364  365  366  367  368	FIND NO.	16 12 12 16 12 16 12 12		12 12 11 10 11 12 6	T06 T06 T06 T06 T06 T06 L02	1933 3 4 5 6	ACCES FIND N	TO1 TB06 TO2 TB06 TO1 CO3	6 14 3 3 2 16 P	57. 56. 53. 56. 50.	73118700	Α
CONDUCTOR IDENT.  361  362  363  364  365  366  367  368  369	FIND NO.	16 12 12 16 12 12 16 16 16		12 12 11 10 11 12 6 6	T06 T06 T06 T06 T06 T06 T06 L02 L02	1933 SIN  1 2 3 4 5 6 1 2	ACCES FIND N	TO1 1 T01 1 T006 102 106 101 1006 101 1006 101 1006 1006	6 14 3 3 2 16 P	57. 56. 53. 51. 53. 56. 50. 50.	73118700	Α
CONDUCTOR IDENT.  361  362  363  364  365  366  367  368  369  370	FIND NO.	16 12 12 16 12 16 16 16 16		12 12 11 10 11 12 6 6 5 5 12	T06 T06 T06 T06 T06 T06 C00 T06 T06 T06 T06 T06 T07	1933 SIN  1 2 3 4 5 6 1 2 1	ACCES FIND N	TO1 1 T01 1 T00 1 T806 1 T02 1 T806 1 T01 1 C03 1 C04 1 C07	6 14 3 3 2 16 P P N	57. 56 53 51 53 56 50 50 50	73118700	Α
CONTROL III  CONDUCTOR IDENT.  361  362  363  364  365  366  367  368  369  370  371	FIND NO.	16 12 12 16 12 16 16 16 16	(REF.)	12 12 11 10 11 12 6 6 5	T06 T06 T06 T06 T06 T06 L02 L02 L03 L03	1933 SIN  1 2 3 4 5 6 1 2 1 2	ACCES FIND N	TO1 TB06 TO2 TB06 TO1 CO3 CO4 CO7 CO8	6 14 3 3 2 16 P N N	ACCESS FIND NO 57 56 53 51 53 56 50 50	73118700   REMARK:	Α
CONDUCTOR IDENT.  361  362  363  364  365  366  367  368  369  370  371  372	FIND NO.	16 12 12 16 16 16 16 16 16	(REF.)	12 12 11 10 11 12 6 6 5 5 12	T06 T06 T06 T06 T06 T06 L02 L02 L03 L03 C01	1933 IIN  1 2 3 4 5 6 1 2 1 2 P	ACCES FIND N	TO1 T01 T006 T02 TB06 T01 C03 C04 C07 C08 TB06	6 14 3 3 2 16 P P N N 1	ACCESS FIND NO 57 56 53 51 53 56 50 50 50	73118700	Α
CONDUCTOR IDENT.  361  362  363  364  365  366  367  368  369  370  371  372  373	FIND NO.	16 12 12 16 16 16 16 16 16	(REF.)	12 12 11 10 11 12 6 6 5 5 12	T06 T06 T06 T06 T06 T06 L02 L02 L03 L03 C01	1933 IIN  1 2 3 4 5 6 1 2 1 2 P	ACCES FIND N	TO1 T01 T006 T02 TB06 T01 C03 C04 C07 C08 TB06	6 14 3 3 2 16 P P N N 1	ACCESS FIND NO 57 56 53 51 53 56 50 50 50	73118700   REMARK:	Α
CONTROL III  CONDUCTOR IDENT.  361  362  363  364  365  366  367  368  369  370  371  372  373  374	FIND NO.	16 12 12 16 16 16 16 16 16	(REF.)	12 12 11 10 11 12 6 6 5 5 12	T06 T06 T06 T06 T06 T06 L02 L02 L03 L03 C01	1933 IIN  1 2 3 4 5 6 1 2 1 2 P	ACCES FIND N	TO1 T01 T006 T02 TB06 T01 C03 C04 C07 C08 TB06	6 14 3 3 2 16 P P N N 1	ACCESS FIND NO 57 56 53 51 53 56 50 50 50	73118700   REMARK:	Α
CONTROL III  CONDUCTOR IDENT.  361  362  363  364  365  366  367  368  369  370  371  372  373  374  375  376  377	FIND NO.	16 12 12 16 16 16 16 16 16	(REF.)	12 12 11 10 11 12 6 6 5 5 12	T06 T06 T06 T06 T06 T06 L02 L02 L03 L03 C01	1933 IIN  1 2 3 4 5 6 1 2 1 2 P	ACCES FIND N	TO1 T01 T006 T02 TB06 T01 C03 C04 C07 C08 TB06	6 14 3 3 2 16 P P N N 1	ACCESS FIND NO 57 56 53 51 53 56 50 50 50	73118700   REMARK:	Α
CONDUCTOR IDENT.  361  362  363  364  365  366  367  368  369  370  371  372  373  374  375  376	FIND NO.	16 12 12 16 16 16 16 16 16	(REF.)	12 12 11 10 11 12 6 6 5 5 12	T06 T06 T06 T06 T06 T06 L02 L02 L03 L03 C01	1933 IIN  1 2 3 4 5 6 1 2 1 2 P	ACCES FIND N	TO1 T01 T006 T02 TB06 T01 C03 C04 C07 C08 TB06	6 14 3 3 2 16 P P N N 1	ACCESS FIND NO 57 56 53 51 53 56 50 50 50	73118700   REMARK:	Α

FIND NO.	GAUGE (REF.)		LENGTH (APPROX)			ACCESS	7		ACCESS		
				ORIGIN		FIND NO	1	z	FIND NO.	REMARKS	
	.										
					1		1				
67	16	4	10	PANEL BASE	GRD	68	FRONT PANEL	<b>GR</b> T	68	15	
73	20	4	16	TOL	1	90	KOP	7	75	15	
73	50	4	7.6	TOL	2	90	KOF	2	75		
<b>b</b> 7	16	4	75	CDF	Р	89	KOF	1	75		
							·				
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40	20	4	7	TB09	وبا	42	C31	OME	75	14 13	
ĬΑ			,			NT	SHEET 22		WL	DOCUMENT NO. 73118700	REV A
	GAUGE	COLOR	LENGTH						ACCESS		<del>_</del>
NO.	(REF.)	(REF.)	(APPROX)	ORIGIN	1			N	FIND NO.	REMARKS	
40	20	4	6	тв09	11	42	C131	OME		14/15	
40	20	4	2	TB09	14	42	TB09	13	( <del>5</del> 3): 39	<u> </u>	
40	20	4	2	TB09	12	S4) 3	TB09	13	(53)	13	
40	20	4	3	TB09	24	42	TB09	4	42	15	
40	50	4	5	твоч	4	42	TB09	15	<b>(</b> 4)	43	
40	50	4	2.5	TB09	11	42	TB09	SP	42	<u>/1</u> s	
40	50	4	3.5	TB09	19	42	TBO9	27	42	<u> </u>	
41	24	4	2.5	TB09	1.	42	202	83	43,44		
		<u> </u>	]								
	<u> </u>	<b> </b>				<u> </u>			ļ		
22	16	4	2	C21	OME	18	SSW01	1	19	13/14	
+	1	1	2	C22	OME	<del>                                     </del>	SSW02	1	19	13/14	
1			2	C23	OME	18	SSW03	1	19	13/14	
-	+	+	+		_					1 / /	
士			2	C24	OME	18	SSW04	COIL	19	13	<del></del>
	440 40 40 40 40 40 40 40 40 40 40 40	73 20 67 16 67 16 67 16 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17 67 17	73 20 4  57 16 4  67 16 4  67 16 6  67 17 16 7  67 17 17 17 17 17 17 17 17 17 17 17 17 17	73 20 4 14  57 16 4 12  78 7 16 4 12  79 7 16 14 12  79 7 16 16 14 12  79 7 16 16 16 16 16 16 16 16 16 16 16 16 16	73 20 4 16 701  67 16 4 12 CO6  78 7 16 4 12 CO6  78 7 16 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 17809  79 7 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89 K06 1 75  16 16 16 16 16 16 16 16 16 16 16 16 16 1	73 20 4 14 14 701 2 90 K04 2 75 145  10 10 10 10 10 10 10 10 10 10 10 10 10 1

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CONDUCTOR IDENT.	PIND MO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS FIND NO.	DESTINA	TION	ACCESS FIND NO.	REMARKS	
421	22	16	4	3	SSW03	. 2	19	TC13	COIL B	18	15	
422	21	20	4	3	SSW04	2	20	FL14	COIL	18	15	
423												
424												
425												
426												
427	22	16	4	2	C121	OME	18	SSW101	1	19	15/14	
428	1	A		2	C122	OME	18	SSW102	1	19	15/14	
429				2	C123	ÒME	18	SSW103	1	19	15/14	
430				2	C124	OME	18	SSW104	1	19	13/14	
431				8	SSW101	2	19	FL111	COIL	18	<u>/15</u>	
<b>432</b>	1	1	1	8 1	SSW102	2	_ 19	FL112	фr	18	<u> 15</u>	
433	22	16	4	8	ssw103	2	19	FL113	COIL	18	<u> 15</u>	
434	21	20	4	8	SSW104	2	19	FL114	COIL	18	15	
435	ŀ											
436												
437												
438												
439												
440	15	16		5	C32	OME	13	R05	1,2	14, 12	13/14	
CONTROL	ul VIA											
	24114					19333		HEET 24		WL	DOCUMENT NO. 73118700	MEV.
CONDUCTO			COLOR (REF.)	LENGTH (APPROX)	ORIGIN	19333			ATION	WL ACCESS FIND NO	73118700	REV.
	R FINC				ORIGIN	19333	ACCESS		ATION 10	ACCESS	73118700	MEV.
IDENT.	R FING	(REF.)	(REF.)	(APPROX)		19333	ACCESS FIND NO	DESTINA	<del></del>	ACCESS FIND NO	7311 <b>87</b> 00	REV.
441 442	R FING	(REF.)	(REF.)	7	K05 TB10	19333 L3	ACCESS FIND NO 14, 12	TB10	10 OME	ACCESS FIND NO 13	73118700  REMARKS  13 14	REV.
441 442 443	R FING	(REF.)	(REF.)	7 4 5	K05	19333 N L3	ACCESS FIND NO 14, 12 13	TB10 FL15 K05	10	13 13 14, 12	73118700  REMARKS  15 15 15 15 15 15 15 15 15 15 15 15 15	REV.
H41 H42 H43	R FING	(REF.)	(REF.)	7 4 5 7	K05 TB10 C33 TB10	19333 L3 9 OME 12	ACCESS FIND NO 14, 12 13 13	TB10 FL15 K05 K05	10 OME L5 L6	ACCESS FIND NO 13 13 14, 12 14, 12	73118700  REMARKS  13\14\ 13\14\ 13\14\	REV.
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NOUCTOR		NORMA	NDALE D	IVISION		19333		HEET 25		WL	73118700	Ä
IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGI	N	ACCESS	DESTINATIO	N	ACCESS FIND NO.	REMARKS	
500	1	20	4		T <b>9</b> 09	23	6	S07	А3	3		
501	4	4	4		TB09	27	(5I) 2	507	A2	A		
502	$\top$				TB09	22	6	507	A1		,	
503					TB09	21	6	S107	A3			· · · · · · · · · · · · · · · · · · ·
504	$\top$				TB09	26	(52) 2	S107	A2			
<b>50</b> 5	$\top$				TB09	20	6	S107	A1	3		
506	$\top$				TB <b>Q9</b>	13	6	FRONT PANEL	GRD	4		····
597	7	Y	1		S02	A3	3	TB09	27	(5)	<del></del>	
508	1	20	4		S102	А3.	3	TB09	26	(52)		
510	1	20	4		TB09	2	6	S02	C1	3		
511	1	20	4		T <b>B</b> 09	3	6	S1 <b>Q</b> 2	C1	3		
512	1	20	4		TB09	. 25	6	S02	A2	3		
513	1	20	4		TB09	5	ه	S102	A2	3		
				1								
00NF014	AIA	NOR	ANDA	LE DIV	HOISI	1935		SHEET 26		WL	73118700	REV.
CONDUCTOR IDENT	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIG	ın	ACCES		ON	ACCESS FIND NO.	REMARKS	
600												
601	13	16	4	3.5	K02-	I GNE	2,3	GND		4(1)		
112	1	1	1	4	K02-2	2 1	1	1	1	(2)4		
3	$\vdash$	11		4.5	K02-3	3	1			( <del>3</del> )4		
4	Ħ	1	11	5.	K02-4	,				3		
5	$\sqcap$	11		6.5	K102-		1		1	0		
6	$\sqcap$	TT	TT	7	KIOZ-Z	-				2		
7				7.5	KIOZ -	3	V	1		<u> </u>		
<b>y</b> 8				8	K102-4	- GNE	2,3			2		
09				3	TB 13	5		GND		(3)		
				5		1		FL 20	ME			
10	IT					2		FL 18	1			
10						3		FLII8	1			
				$\bot \bot$								
11				5	TB13	4		FL120	ME			
11				5	TB13	4 0ME	Ξ	FL120	ME IN			
12						OME			+-	+		
11 12 13 14 15				3	FL 20 FL 120 FL 18	OME	E	K02-1 K102-1 K02-3	+-	+		
11 12 13 14 15				3 6	FL 20	OME	=	K105-1	+-	2,3	/is\	

	3 10.	GAUGE (REK)	COLOR (REF.)	LENGTH (APPROX) 2 2	ORIG K02-3 K102-1	coir	ACCESS FIND NO.	DESTINATION KO2-4	cbir	ACCESS FIND NO	REMARKS	
21 22 23 24 25 26	.3	16	4	2		COIL	G	K02-4	COTL		^	
22 23 24 25 26		•			K102-1				TT	15,22	<u>/15</u>	
23 24 25 26				2			17	K102-2	COIL	20,22	<u> 13</u>	
24 25 26					K102-2		<b>6</b>	K102-3	COIL	20.22	15	
25 26				2	K102-3		<b>⑦</b>	K102-4	COIL	15,22	<u> 15</u>	
26				2	K02-1	COIL	15, 22	K02_2	COIL	20,22	<u> 13</u>	
				2	K02-2	COIL	(8)	K02-3	COIL	20,22	<u> 13</u>	
27				2	<b>KQ</b> 2 <b>−</b> 3	COIL	0	K02-4	COIL B	17	15	
				2	K102-1	COIL	15, 22	K102-2	COIL	20, 22	$\Lambda$	
28				2	K102-2		<b>(</b> )	K102-3	COIL	20, 22	15	
29				2	K102-3	COIL	13	K102-4	COIL B	17	Λŝ	
30	$\sqcup$			24	TB13	1		CB04	В	5 (2)		
31	Ш			24	TB13	4		CB04	В	(2)	,	
32	$\sqcup$			24	FL19	ME		CB04	В	13		
33	Ц			24	TB13	2		CB05	В	5 🕥		
34	•	<u> </u>	1	24	TB13	3		CB05	В	<b>①</b>		
	13	16	4	24	FL119	ME		CB05	В	(3)		
			ļ									
									1	·		
		<u> </u>	<u> </u>				<u> </u>					

NOTES:

AND DETAILUDED TEAM OF CONNECTION OF STANDS FOR CONNECTION NEAREST MOUNTED END.

FOR FIND NO. REFERENCED IN CONDUCTORS 1 THRU 244 55 SEE PL 40017800; D.C. PANEL HARNESS.

3. FOR FIND NO. REFERENCED IN CONDUCTORS 77 THRU 148 SEE PL 70820900; A.C. HARNESS.

FOR FIND NO. REFERENCED IN CONDUCTORS 153 THRU 355 SEE PL 72954700; D.C. HARNESS.

5. FOR FIND NO. REFERENCED IN CONDUCTORS 342 THRU 373 SEE PL 72954700 & 01: MISC. D.C. PANEL WIRING.

FOR FIND NO. REFERENCED IN CONDUCTORS 383
THRU 386, SEE PL 40018600 MISC. POWER SUPPLY WIRING.

A HEXAGON IN THE ACCESS FIND NO. COLUMN INDICATES THAT THE CONDUCTOR IS ONE OF SEVERAL (ALL WITH THE SAME NUMBER IN THE HEXAGON) GOING INTO THE SAME TERMINAL. THE NUMBER IN FRONT OF A HEXAGON IS THE TERMINAL FIND AND THE THE NUMBER OF THE THE NUMBER OF THE THE NUMBER OF THE THE NUMBER OF THE THE NUMBER OF THE THE NUMBER OF THE THE NUMBER OF THE THE NUMBER OF THE THE NUMBER OF THE THE NUMBER OF THE THE NUMBER OF THE THE NUMBER OF THE THE NUMBER OF THE THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBER OF THE NUMBE TERMINAL FIND NO.

FOR FIND NO. REFERENCED IN CONDUCTORS 400 THRU 408 SEE PL 70820800-01, FRONT PANEL ASSY.

FOR FIND NO. REFERENCED IN CONDUCTORS 415
THRU 434 SEE PL 70820100; A.C. PANEL ASSY. 10.

FOR FIND NO. REFERENCED IN CONDUCTORS 440 THRU 451 SEC PL 70807900; D.C. RELAY PANEL ASSY. 11.

FOR FIND NO. REFERENCED IN CONDUCTORS 452 THRU 453, SEE PL 708054001 D.C. RELAY TERMINAL BOARD ASSY.

OME STANDS FOR CONNECTION OPPOSITE MOUNTED

AS NOT IN HARNESS.

FOR FIND NO'S REFERENCED IN CONDUCTORS 500 16. THRU 513 SEE PL 72954600; FRONT PANEL HARNESS

17. FOR FIND NO'S REFERENCED IN CONDUCTORS L16
THRU L29 SEE PL 70710101: COMPONENT MTG.ASSY.

LB. FOR FIND NO'S REFERENCED IN CONDUCTORS LOI THRU LI7 % LBO THRU LBS SEE PL 70724800; HG RELAY HARNESS ASSY.

70602500 E

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DWN CHEB ENG MFG		2.	Z			<b>3/</b> 2/2 3-2-7; 3-2-7;	NC	12:	ANI	DAL E	2				LIS	ST	- PO	WER SUPPL	LY ASSEMBLY	PREFIX	1	нт но. 29100		,A
APPR	+							CODE		NT		IRST	USED		JLT:	IPL	E DI	SK DRIVE				SHEET	1 0F 29	)
	ر :	,	;	HEE	r R	EVISI	ON	ST.	ATL	ıs									REVISI	ON REC	CORD			
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CON		7	MAY.		NO!	RMAND.	AL F	DI	t v t	SIO	N				333		-   :	SHEET	2	WL		29100	1	I A

CONTROLLO	Ň	Ä F	NO	DRM/	AND/	ALE	DIVISI	ON	1933		SH	IEET 2		WL	73129100	REV A
CONDUCTOR IDENT.	FI	ND O.		UGE EF.)			LENGTH (APPROX)	ORIG	-in		CESS NO.		ION	ACCESS FIND NO.	PEMARKS	· · · · · · · · · · · · · · · · · · ·
1	13	1	16	5	4			C14	L	4		T01	3	7 (1)		
2	Ī		7		7	1		T01	3	(1)	$\rangle$	CRO4	4	4,15		
3		Г			T			CR04	3		,15	CO 5	N	9 (2)		
4		T						C05	N	2	>	CO 9	N	113		
5	Г	Γ						C09	N	(3		TB02	4	4		
6	Γ		Г	Г				TBO2	2	4		C06	N	114		
7		Γ						C06	N	4	$\rangle$	RO2	R	4		
8	Γ	Г				İ		R02	L	4		C06	Р	9 (5)		
9		Γ						C06	Р	(5	$\rangle$	CR05	1	1		
10	Γ	Γ			Γ			CRO5	4	1		T01	9	1		
11								T01	10	1		CRO5	2	1		
12								CR05	3	1		C06	N	4		
13								C08	N	6		RO4	L	10		
14								R04	R	10	)	C04	Р	6		
15								<b>80T</b>	1	4.	, 15	T05	3	4	•	
16		Γ						T05	1	4		T01	8	7 (6)		
17								T01	8	6	$\rangle$	T0 3	1	4		
18								T03	3	4		Т09	1	4		
19		1		Ī		1		T09	2	4		TO:1	6	1		
20		3	1	6	4			T01	4	1		T09	3	4		

CONTROLLO	*****	HORP	ANDALE	DIVIS		1933:		SHEET 3		WL	73129100	A A
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN	7	ACCES	B .	TION	ACCESS FIND NO.	REMARKS	
21	3	16	4		T09	4	4	CRO4	2	4,15		
22	1	A	A		CRO4	1	4,15			9 (7)		
23	十		$\vdash$		C05	P	(7)	C09	P	9 (8)		
24	$\dagger$	$\vdash$			C09	P	(8)	RO3	7	5,15		
25	$\top$				RO3	В	5,15		N	3		
26	$\top$				C02	N	6	RO 1	В	5,15		
27					RO1	T	5,15		P	6		
28					T05	4	4	T01	5	7 (9)		
29					T01	5	<b>(9</b> )	T03	4	4		
30					T02	1	4	T01	8	7 (10)		
31					T0 1	8	(10)	T04	1	4		
32					T04	3	4	T07	1	4		
33					T07	2	4	T01	7	7 (11)		
34					T01	7	11)	T08	2	4,15		
35					T08	3	4	TB08	3	4		
36	Ш				TB07	2 -	4	T07	3	4,15		
37	Ш				Т07	4	4	CO 7	N	6		
38	Ш			<u> </u>	T07	5	4	TB08	2	4		
39	1	1	1	<u> </u>	TB07	3	1	T08	6	4		
40	3	16	<u> </u>	1	C14	R	1.	T01	<b>ऻ</b> '	1		
CONTROL		NOR	TAN DAL I	DIVIS	10N	CCOE 10 19333		SHEET		WL	73129100	atv. ⊤A
	800	<del>T -</del>	T	<del></del>		19333		ss		ACCESS FIND NO	_73129100.	9 1
CONDUCTOR	FIND	GAUGE	COLOR	LENGTH		19333	ACCE	SS HO DESTIN		ACCESS	_73129100.	9 1
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH	) ORIGI	19333	ACCE FIND	SS HO DESTIN	ATION	ACCESS FIND NO	_73129100.	9 1
CONDUCTOR IDENT.	FIND NO.	GAUGE {REF.}	COLOR (REF.)	LENGTH	ORIGI	19333 IN 5	ACCE FIND 1	ss HO DESTIN	ATION 4	ACCESS FIND NO	_73129100.	9 1
CONDUCTOR IDENT.  41 42	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	LENGTH	ORIGI T01 T04	19333 IN 5	ACCE FIND 1 7 (1	55 DESTIN 2) T02 T01	ATION 4	ACCESS FIND NO 4	_73129100.	9 1
CONDUCTOR IDENT. 41 42 43	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	LENGTH	T01 T04 TB07	19333 IN 5 4	ACCE FIND 1 7 (1 4 8	SS DESTIN  2) TO2  TO1  TO1	4 5 13	ACCESS FIND NO 4 (12)	_73129100.	9 1
CONDUCTOR IDENT.  41  42  43	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	LENGTH	T01 T04 TB07 T01	19333 IN 5 4 1 12	7 (1 4 8	T01 C07	4 5 13 p	ACCESS FIND NO 4 12 7	_73129100.	9 1
CONDUCTOR IDENT. 41 42 43 44	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	LENGTH	T01 T04 TB07 T01 C07	19333 IN 5 4 1 12 P	7 1 4 8 7	T01 C07 C03	4 5 13 P N	ACCESS FIND NO 4 (12) 7 9	_73129100.	9 1
CONDUCTOR IDENT. 41 42 43 44 45 46 47	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	LENGTH	T01 T04 TB07 T01 C07 C03	19333 IN 5 4 1 12 P P	7 (1 4 8 7 9 9	T01 T01 C07 C03 T08	4 5 13 P N 5	ACCESS FIND NO. 4 (12) 7 9 9 8 7	_73129100.	9 1
CONDUCTOR IDENT. 41 42 43 44 45 46 47 48	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	LENGTH	T01 T04 TB07 T01 C07 C03 TB08	19333 IN 5 4 1 12 P P 1	ACCE FIND 1 7 1 4 8 7 9 9 8 8	TO1  CO7  CO3  TO8  TO1	4 5 13 P N 5 11	ACCESS FIND NC  4  (12)  7  9  9  8  7	_73129100.	9 1
CONDUCTOR IDENT. 41 42 43 44 45 46 47 48 49	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	LENGTH	T01 T04 TB07 T01 C07 C03 TB08 T01 C01 C02	19333 IN  5 4 1 12 P P 1 15 N P	7 1 4 8 7 9 9 8 7	TO1 CO7 CO3 TO8 TO1 CO1	4 5 13 P N 5 111 N	ACCESS FIND NC 4 4 12 7 9 9 8 7 9 8 7 9 8 8	_73129100.	9 1
CONDUCTOR IDENT.  41  42  43  44  45  46  47  48  49  50	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	LENGTH	T01 T04 TB07 T01 C07 C03 TB08 T01 C01	19333 IN  5 4 1 12 P P 1 15 N	ACCE FIND 1 7 (1 4 8 7 9 9 9 8 7 9	TO1 CO7 CO3 TO1 CO1 CO1 CO2	4 5 13 P N 5 11 N N	ACCESS FIND NC 4 12 7 9 9 8 7	_73129100.	9 1
CONDUCTOR IDENT.  41  42  43  44  45  46  47  48  49  50  51	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	LENGTH	T01 T04 TB07 T01 C07 C03 TB08 T01 C01 C02 L01 C04	19333 IN  5 4 1 12 P P 1 15 N P 1 N	ACCE FIND 1 7 1 4 8 7 9 9 8 7 9 9 8 7 9	TO1  CO7  CO3  TO8  TO1  CO1  CO2  LO1  CO8	4 5 13 P N 5 11 N N 2 P P P	ACCESS FIND NC 4 4 12 7 9 9 8 7 9 8 7 9 8 8	_73129100.	9 1
CONDUCTOR IDENT.  41  42  43  44  45  46  47  48  49  50  51  52	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	LENGTH	T01 T04 TB07 T01 C07 C03 TB08 T01 C01 C02 L01 C04 C08	19333 IN  5 4 1 12 P P 1 15 N P 1 N P	ACCE FIND 1 7 1 4 8 7 9 9 8 7 9 9 8 7 9 9 8	TO1  CO7  CO3  TO1  CO1  CO2  LO1  CO1  CO2  CO3  CO2  CO1  CO2  CO1  CO7  CO3  CO2  CO1  CO7  CO3  CO7  CO7  CO7  CO7  CO7  CO7	4 5 13 P N 5 11 N N 2 P P P P	ACCESS FIND NC  4  12  7  9  8  7  9  8  9  9  9	_73129100.	9 1
CONDUCTOR IDENT.  41  42  43  44  45  46  47  48  49  50  51  52  53	FIND NO.	GAUGE (REF.) 16 16 14	COLOR (REF.)	LENGTH	T01 T04 TB07 T01 C07 C03 TB08 T01 C01 C02 L01 C04 C08	19333 IN  5 4 1 12 P P 1 15 N P 1 N P P	ACCE FIND 1 7 4 8 7 9 9 8 7 9 8 7 9 8 9	TO1 CO7 CO3 TO1 CO1 CO1 CO2 LO1 CO8 CO7 TB02	4 5 13 P N 5 11 N N 2 P P P P 3 3	ACCESS FIND NC 4 12 7 9 9 8 7 9 9 8 9 9 8 9 9 8	_73129100.	9 1
CONDUCTOR IDENT.  41  42  43  44  45  46  47  48  49  50  51  52  53  54	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	LENGTH	T01 T04 TB07 T01 C07 C03 TB08 T01 C01 C02 L01 C04 C08	19333 IN  5 4 1 12 P P 1 15 N P 1 N P	ACCE FIND 1 7 1 4 8 7 9 9 8 7 9 9 8 7 9 9 8	TO1  CO7  CO3  TO1  CO1  CO2  LO1  CO1  CO2  CO3  CO2  CO1  CO2  CO1  CO7  CO3  CO2  CO1  CO7  CO3  CO7  CO7  CO7  CO7  CO7  CO7	4 5 13 P N 5 11 N N 2 P P P P	ACCESS FIND NC  4  12  7  9  8  7  9  8  9  9  9	_73129100.	9 1
CONDUCTOR IDENT.  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55	FIND NO.	GAUGE (REF.) 16 16 14	COLOR (REF.)	LENGTH	T01 T04 TB07 T01 C07 C03 TB08 T01 C01 C02 L01 C04 C08	19333 IN  5 4 1 12 P P 1 15 N P 1 N P P	ACCE FIND 1 7 4 8 7 9 9 8 7 9 8 7 9 8 9	TO1 CO7 CO3 TO1 CO1 CO1 CO2 LO1 CO8 CO7 TB02	4 5 13 P N 5 11 N N 2 P P P P 3 3	ACCESS FIND NC 4 12 7 9 9 8 7 9 9 8 9 9 8 9 9 8	_73129100.	9 1
CONDUCTOR IDENT.  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  66  57	FIND NO.	GAUGE (REF.) 16 16 14	COLOR (REF.)	LENGTH	T01 T04 TB07 T01 C07 C03 TB08 T01 C01 C02 L01 C04 C08	19333 IN  5 4 1 12 P P 1 15 N P 1 N P P	ACCE FIND 1 7 4 8 7 9 9 8 7 9 8 7 9 8 9	TO1 CO7 CO3 TO1 CO1 CO1 CO2 LO1 CO8 CO7 TB02	4 5 13 P N 5 11 N N 2 P P P P 3 3	ACCESS FIND NC 4 12 7 9 9 8 7 9 9 8 9 9 8 9 9 8	_73129100.	•
CONDUCTOR IDENT.  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  66  57	FIND NO.	GAUGE (REF.) 16 16 14	COLOR (REF.)	LENGTH	T01 T04 TB07 T01 C07 C03 TB08 T01 C01 C02 L01 C04 C08	19333 IN  5 4 1 12 P P 1 15 N P 1 N P P	ACCE FIND 1 7 4 8 7 9 9 8 7 9 8 7 9 8 9	TO1 CO7 CO3 TO1 CO1 CO1 CO2 LO1 CO8 CO7 TB02	4 5 13 P N 5 11 N N 2 P P P P 3 3	ACCESS FIND NC 4 12 7 9 9 8 7 9 9 8 9 9 8 9 9 8	_73129100.	9 1
CONDUCTOR IDENT.  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  66  57	FIND NO.	GAUGE (REF.) 16 16 14	COLOR (REF.)	LENGTH	T01 T04 TB07 T01 C07 C03 TB08 T01 C01 C02 L01 C04 C08	19333 IN  5 4 1 12 P P 1 15 N P 1 N P P	ACCE FIND 1 7 4 8 7 9 9 8 7 9 8 7 9 8 9	TO1 CO7 CO3 TO1 CO1 CO1 CO2 LO1 CO8 CO7 TB02	4 5 13 P N 5 11 N N 2 P P P P 3 3	ACCESS FIND NC 4 12 7 9 9 8 7 9 9 8 9 9 8 9 9 8	_73129100.	9 1

CONTROL D		HOR	MANDALI	DIVIS	ION	19333		KEET 5		WL	731 <b>2910</b> 0	A
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGII		ACCESS	DESTINATION		ACCESS FIND NO.	REMARKS	
61						7 1						
62						+ +						
63						+						
64					<del></del>	+-+						
65						+						
66.		<del> </del>	<del> </del>			+		l				
67			<del> </del>			+						
68	<u> </u>	<b></b>	<del> </del>			+						
69		ļ	<del> </del>			+						
70	<del> </del>		<del> </del>			+						
	<del> </del>	<b></b>	<del> </del>			+						
71	-		<del> </del>			+ 1						
72			<u> </u>			+-1	<del></del>	<del></del>				
73		<del> </del>	<del> </del>	-		+	··	<del> </del>				
74	<del>                                     </del>	<del> </del>	<del> </del>									
75	-	<del> </del>	+	-								
76		├	-		-					_		
77	4	16	4	-	CB03	AT	8	CBO2	AI	(1) و	<b> </b>	
78	4	16	4	-	CBO2		1)	CB 103	AT	8	<del> </del>	
79	4	16	4	<del>                                     </del>	CBO3	AB.	8	C21	ME	5	12	
80	4	116	14		TRII		<u> </u>			13		
CONTROL	DATA SEON	HC	RMANDA	LE DIVI	SION	19333		SHEET 6		WL	73129100	A A
CONDUCTO							ACCESS			ACCES	· ·	
IDENT.	NO.		+	APPROX		<del></del>	FIND NO	DESTINATIO	N T	FIND N	O. REMARKS	
81	14	16		1						1		
82		125	4	┼	J03	2	13	FL12	CAP B	<del>1 —</del>		
<b></b>	11				C22	ME	5	CB03	BB	8		
83	$\prod$				C22 CB 103	ME BT	5 8		1-	<del>1 —</del>	<b>)</b>	
83 84		TA TA			C22	ME	5	CB03	ВВ	8	<b>)</b>	
83					C22 CB 103	ME BT	5 8	CB03	BB BT	8 9 (3	>	
83 84 85 86					C22 CB103 CB02 CB02 J02	ME BT BT AB	5 8 3 8 13	CB03 CB02 CB03 J02 CB02	BB BT BT 1 BB	8 9 (3 8 13 8		
83 84 85 86 87					C22 CB103 CB02 CB02	ME BT BT AB	5 8 3 8 13 8	CB03 CB02 CB03 J02	BB BT BT	8 9 (3 8 13		
83 84 85 86 87 88					C22 CB 103 CB02 CB02 J02 CB03 CB02	ME BT BT AB CT CT	5 8 3 8 13 8 4	CB03 CB02 CB03 J02 CB02 CB02 CB02	BB BT BT 1 BB	8 9 (3 8 13 8		
83 84 85 86 87 88		A	A		C22 CB 103 CB 02 CB 02 J02 CB 03	ME BT BT AB CT CT CB	5 8 3 8 13 8 4 8	CB03 CB02 CB03 J02 CB02 CB02 CB02 CB103 C23	BB BT BT 1 BB CT	8 9 (3 8 13 8 12 (		
83 84 85 86 87 88 89					C22 CB103 CB02 CB02 J02 CB03 CB02 CB03 FL13	ME BT BT AB CT CT CB CAPB	5 8 3 8 13 8 4 8 5	CB03 CB02 CB03 J02 CB02 CB02 CB02 CB103 C23 J03	BB BT BT 1 BB CT CT ME 3	8 9 (3 8 13 8 12 (3 8 5		
83 84 85 86 87 88 89 90			4		C22 CB 103 CB02 CB02 J02 CB03 CB02 CB03 FL13 J02	ME BT BT AB 2 CT CT CB CAPB	5 8 3 8 13 8 4 8 5 13	CB03 CB02 CB03 J02 CB02 CB02 CB103 C23 J03 CB02	BB BT BT 1 BB CT CT ME 3 CB	8 9 (3 8 13 8 12 ( 8 5 13 8	0)	
83 84 85 86 87 88 89 90 91					C22 CB103 CB02 CB02 J02 CB03 CB02 CB03 FL13 J02 CB02	ME BT BT AB 2 CT CT CB CAPB 3 AT	5 8 3 8 13 8 4 4 8 5 13 9 (5)	CB03 CB02 CB03 J02 CB02 CB02 CB103 C23 J03 CB02 XF03	BB BT BT 1 BB CT CT ME 3 CB T:	8 9 (3 8 13 8 12 (3 8 5 13 8	0)	
83 84 85 86 87 88 89 90 91 92	Y	16	4		C22 CB 103 CB02 CB02 J02 CB03 CB02 CB03 FL13 J02	ME BT BT AB 2 CT CT CB CAPB	5 8 3 8 13 8 4 8 5 13	CB03 CB02 CB03 J02 CB02 CB02 CB103 C23 J03 CB02	BB BT BT 1 BB CT CT ME 3 CB	8 9 (3 8 13 8 12 ( 8 5 13 8	0)	
83 84 85 86 87 88 89 90 91 92 93	4	16	4		C22 CB103 CB02 CB02 J02 CB03 CB02 CB03 FL13 J02 CB02 XF03	ME BT BT AB 2 CT CT CB CAPB 3 AT B	5 8 3 8 13 8 4 8 5 13 9 (5)	CB03 CB02 CB03 J02 CB02 CB02 CB103 C23 J03 CB02 XF03 TB11	BB BT BT 1 BB CT CT ME 3 CB T:	8 9 (3 8 13 8 12 ( 8 5 13 8 10 5	0)	
83 84 85 86 87 88 89 90 91 92 93 94					C22 CB103 CB02 CB02 J02 CB03 CB02 CB03 FL13 J02 CB02 XF03	ME BT BT AB 2 CT CT CB CAPB 3 AT B	5 8 3 8 13 8 4 4 8 5 13 9 (5) 10	CB03 CB02 CB03 J02 CB02 CB02 CB103 C23 J03 CB02 XF03	BB BT BT 1 BB CT CT ME 3 CB T:	8 9 (3 8 13 8 12 (3 8 5 13 8 10 5	0)	
83 84 85 86 87 88 89 90 91 92 93 94 95	4	16	4		C22 CB103 CB02 CB02 J02 CB03 CB02 CB03 FL13 J02 CB02 XF03	ME BT BT AB 2 CT CT CB CAPB 3 AT B	5 8 3 8 13 8 4 4 5 13 9 (5) 10	CB03 CB02 CB03 J02 CB02 CB02 CB103 C23 J03 CB02 XF03 TB11	BB BT BT 1 BB CT CT ME 3 CB T: 2	8 9 (3 8 13 8 12 ( 8 5 13 8 10 5	0)	
83 84 85 86 87 88 89 90 91 92 93 94 95 96	4	16	4		C22 CB103 CB02 CB02 J02 CB03 CB02 CB03 FL13 J02 CB02 XF03	ME BT BT BT AB 2 CT CT CB CAPB 3 AT B ME BB CAPT	5 8 3 8 13 8 4 4 5 13 9 (5) 10	CB03 CB02 CB03 J02 CB02 CB02 CB103 C23 J03 CB02 XF03 TB11 CB103	BB BT BT 1 BB CT CT CT ME 3 CB T: 2 CB ME	8 9 (3 8 13 8 12 (5 8 5 13 8 10 5 13	0)	
83 84 85 86 87 88 89 90 91 92 93 94 95 96	4	16	4		C22 CB103 CB02 CB02 J02 CB03 CB02 CB03 FL13 J02 CB02 XF03 C123 CB103	ME BT BT AB 2 CT CT CB CAPB 3 AT B	5 8 3 8 13 8 4 4 5 13 9 (5) 10	CB03 CB02 CB03 J02 CB02 CB02 CB103 C23 J03 CB02 XF03 TB11 CB103 C122	BB BT BT 1 BB CT CT ME 3 CB T: CB ME	8 9 (3 8 13 8 12 (5 8 5 13 8 10 5 13	0)	
83 84 85 86 87 88 89 90 91 92 93 94 95 96	4	16	4		C22 CB103 CB02 CB02 J02 CB03 CB02 CB03 FL13 J02 CB02 XF03 C123 CB103 FL113	ME BT BT BT AB 2 CT CT CB CAPB 3 AT B ME BB CAPT	5 8 3 8 13 8 4 8 5 13 9 (5) 10	CB03 CB02 CB03 J02 CB02 CB02 CB103 C23 J03 CB02 XF03 TB11 CB103 C122 J103	BB BT BT 1 BB CT CT CT ME 3 CB T: 2 CB ME	8 9 (3 8 13 8 12 (5 8 5 13 8 10 5 13	0)	

9-109

CONTROL O			NO	RMA	N DA	LE	DIVIST		9333		HEET 7		WL	73129100	æv A
CONDUCTOR IDENT.	FIR		GAU (REF		COL	1	LENGTH APPROX)	ORIGIN		ACCESS	DESTINATIO	N.	ACCESS FIND NO.	. REMARKS	
101	4		16		4			XF04	В	10	FL05	L	8		
102	4	$\exists$	16	T	1			FL06	L	8	XF05	В	10		
103	4		16		٦			XF05	т	10	CB02	СТ	4)		
104	4	$\neg$	16	丁				CB02	вт	9 (9)	XF04	Т	10		
105	3		20					TB03	11	<b>2</b> 3	TB03	9	10		
106	4		4					TB03	9	10	TB03	7	10		
107 .								TB03	1	23	CB02	AT	(5)		
108								CB02	ВТ	9	TB03	3	23		
109								TB03	5	23	CB02	СТ	8 (10)		
110								CB02	ст	(10)	DS04	В	23		
111								DS04	T	23	TB01	1	11		
112		Ш	$\Box$					TB01	1	11	P106	2	14		
113		Ц	Ц					P106	1	14	TB111	1	5		
114								FL114	CAPT	5	J103	6	14		
115		Ш		_				J103	7	14	TB01	2	11		
116			Ш					TB01	2	11	J03	7	14		
117	L							J03	6	14	FL14	CAPB	5		
118	L		Ш					TB 11	2	5	J05	1	14		
119	Ľ	L	L			L_		J05	2	14	TB01	1	11		
120	3		:20					<b>TB01</b>	11	11	TB03	7	23		
			-												
0041606			-	nom	HAR	BAL	E DIVI:	1	004 P		MEET 8		WL	DOCUMENT NO. 	Mev.
	FI		GAL { RE	JGE	co	BAL LOR EF.)	E DIVIS	1				in .	WL ACCESS FIND NO.		
CONDUCTOR	FI	ND IO.	GAL	JGE F.)	co	LOR	LENGTH	10N .1		ACCESS	<u> </u>	n 4	ACCESS	73129100	
CONDUCTOR IDENT.	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN	19333	ACCESS FIND NO	DESTINATIO		ACCESS FIND NO.	73129100	
CONDUCTOR HDENT.	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN J03	8	ACCESS FIND NO	DESTINATION TB01	4	ACCESS FIND NO.	73129100	
CONDUCTOR IDENT.  121  122	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN J03 JBQ1	8 4	ACCESS FIND NO 14	DESTINATION TB01	8	ACCESS FIND NO. 11	73129100	
CONDUCTOR IDENT.  121  122  123	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN J03 JBQ1 J103	8 4 5	ACCESS FIND NO 14 14	TB01 JI03 TB01	8 3	ACCESS FIND NO. 11 14	73129100	
CONDUCTOR IDENT.  121  122  123  124	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  TB01  J103  TB01	8 4 5 3	ACCESS FIND NO 14 14 14 11	DESTINATION TB01 J103 TB01 J05	4 8 3 3	ACCESS FIND NO. 11 14 11	73129100	
CONDUCTOR ROENT.  121  122  123  124  125	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  TBQ1  J103  TB01  J05	8 4 5 3 4	ACCESS FIND NO 14 11 14 11 14	TB01  J103  TB01  J05  TB111	4 8 3 3	ACCESS FIND NO. 11 14 11 14 5	73129100	
CONDUCTOR ROENT.  121  122  123  124  125  126	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  TBQ1  J103  T801  J05  TB111	8 4 5 3 4 2	ACCESS FIND NO 14 14 14 11 14 5	DESTINATION TB01 JI03 TB01 J05 TB111 J05	4 8 3 3 2 7	ACCESS FIND NO. 11 14 11 14 5	73129100	
CONDUCTOR ROBERT.  121  122  123  124  125  126  127	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  TB01  J05  TB111  J05	8 4 5 3 4 2 8	14 11 14 11 14 11 14	DESTINATION TB01 JI03 TB01 J05 TB111 J05 TB01	4 8 3 3 2 7 2	ACCESS FIND NO. 11 14 11 14 5 14 11	73129100	
CONDUCTOR DENT.  121  122  123  124  125  126  127	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  TBQ1  J103  TB01  J05  TB111  J05  TB01	8 4 5 3 4 2 8	14 11 14 11 14 11 14 11 14	DESTINATION TB01 JI03 TB01 J05 TB111 J05 TB01 J05	4 8 3 3 2 7 2 5	ACCESS FIND NO. 11 14 11 14 5 14 11	73129100	
CONDUCTOR ROENT.  121  122  123  124  125  126  127  128  129	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  TBO)  J103  TB01  J05  TB111  J05  TB01  J05	8 4 5 3 4 2 8 2 6	14 14 11 14 11 14 11 14 11 14	TB01  J103  TB01  J05  TB111  J05  TB01  J05  TB01	4 8 3 3 2 7 2 5	ACCESS FIND NO. 11 14 11 14 5 14 11 14 11	73129100	
CONDUCTOR ROENT.  121  122  123  124  125  126  127  128  129	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  TBQ1  J103  TB01  J05  TB111  J05  TB01  J05  TB01  J05	8 4 5 3 4 2 8 2 6	14 14 11 14 11 14 11 14 11 14	DESTINATION TB01 JI03 TB01 J05 TB111 J05 TB01 J05 TB01 J05 TB01 J05	4 8 3 3 2 7 2 5 4	ACCESS FIND NO. 11 14 11 14 5 14 11 14 11 14	73129100	
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  129  130	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  TB01  J05  TB111  J05  TB01  J05  TB01  J05  TB01  J05  J05  J05  J05  J07	8 4 5 3 4 4 2 8 8 2 6 6 4 4 4	14 11 14 11 14 5 14 11 14 11 14	DESTINATION TB01 JI03 TB01 J05 TB111 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J05	4 8 3 3 2 7 2 5 4 9	ACCESS FIND NO. 11 14 11 14 5 14 11 14 11 14 11	73129100	
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  129  130  131  132  133	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  JBO1  J103  TB01  J05  TB111  J05  TB01  J05  TB01  J05  TB01  J05  TB01  J103	8 4 5 3 4 2 8 8 2 6 4 4 4 4 3 3	14 11 14 11 14 11 14 11 14 11 14 11	DESTINATION TB01 JI03 TB01 J05 TB111 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J05	4 8 3 3 2 7 2 5 4 9 3	ACCESS FIND NO. 11 14 11 14 5 14 11 14 11 14 11 14	73129100	
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  129  130  131  132  133  134	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  TBQ1  J103  TB01  J05  TB111  J05  TB01  J05  TB01  J05  TB01  J03	8 4 5 3 4 2 8 2 6 6 4 4 4 3 3 4	14 14 11 14 11 14 11 14 11 14 11 14 11	TB01  J03  TB01  J05  TB111  J05  TB01  J05  TB01  J05  TB01  J05  TB01  J05  TB01  J05  TB01	4 8 3 2 7 2 5 4 9 3 5 3	ACCESS FIND NO. 11 14 11 14 5 14 11 14 11 14 11 14 11	73129100	
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  129  130  131  132  133  134  135	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  TB01  J05  TB111  J05  TB01  J05  TB01  J05  TB01  J05  TB01  J05  TB01  J103  TB01  J103  TB01  J103	8 4 5 5 3 4 2 2 8 8 2 6 6 4 4 4 3 3 4 4 1	14 11 14 11 14 11 14 11 14 11 14 11 14 11	DESTINATION TB01 JI03 TB01 J05 TB111 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J07 TB01 J07 TB01 J08 TB01 J09 TB01 J09 TB01 J09	4 8 3 2 7 2 5 4 9 3 5 3 2	ACCESS FIND NO. 11 14 11 14 5 14 11 14 11 14 11 14 11 14	73129100	
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  129  130  131  132  133  134  135  136	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  TBQ1  J103  TB01  J05  TB111  J05  TB01  J05  TB01  J03  TB01  J103  TB01  J003	8 4 5 3 4 2 8 2 6 4 4 3 4 1	14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 14	DESTINATION TB01 JI03 TB01 J05 TB111 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01	4 8 3 2 7 2 5 4 9 3 5 3 2	ACCESS FIND NO. 11 14 11 14 5 14 11 14 11 14 11 14 11 14 11	73129100	
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  129  130  131  132  133  134  135  136  137	E Z	ND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  TBO1  J05  TB111  J05  TB01  J05  TB01  J05  TB01  J05  TB01  J03  TB01  J103  TB01  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103  J103	8 4 5 3 4 2 8 2 6 6 4 4 4 3 3 4 1 1 1 4 4	14 11 14 11 14 11 14 11 14 11 14 11 14 11 14	DESTINATION TB01 JIO3 TB01 J05 TB111 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J07 TB01 J08 TB01 TB01	4 8 3 2 7 2 5 4 9 3 5 3 2 1 3	ACCESS FIND NO. 11 14 11 14 5 14 11 14 11 14 11 14 11 14 11	73129100	
CONDUCTOR IDENT.  121  122  123  124  125  126  127  128  129  130  131  132  133  134  135  136	E Z	IND IO.	GAL { RE	JGE F.)	CO	LOR	LENGTH	ORIGIN  J03  TBQ1  J103  TB01  J05  TB111  J05  TB01  J05  TB01  J03  TB01  J03  TB01  J03  TB01  J03  TB01  J03  TB01  J03	8 4 5 3 4 2 8 2 6 6 4 4 3 3 4 4 1 1 1 4 4 4	14 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11	TB01 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J05 TB01 J03 TB01 J03 TB01 J03 TB01 J03 TB01 J03	4 8 3 3 2 7 7 2 5 4 9 3 5 5 3 2 1 3 5 5	ACCESS FIND NO. 11 14 11 14 5 14 11 14 11 14 11 14 11 14 11 14 11 14	73129100	

9-110

CONTROL TO	ATA	NOR	MANDAL	E DIVIS	ION	19 333		iHEET 9		WL	DOCUMENT NO. 7.73129100	A A
ONDUCTOR IDENT.	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGI	N	ACCESS	. DESTINA	TION .	ACCESS FIND NO.	REMARKS	
141	3	20	4		BO 1	L	17,18	TB11	2	5		
142	4	1	4		TB 111	2	5	B02	L	17,18		
143	1	1	V		BO2	R	17,18	TB01	2	11		
144	3	20	4		TB01	2	11	B01	R	17,18		
145	4	16	4		TB11	2	15	C24	ME	5	/12	
146	1	1	1		FL11	CAP	5	TB11	1	15		
147	1	1	1		TB 11	3	15	C124	ME	5		
148	4	16	4		FL11	CAP	5	TB11	4	15		
149												
150												
151												
152												
153	10	16	4		CB07_	т	2	C02	Р	7 🕡		
154	11	14	1		CO 2	P	1)	CB 107	Т	2		
155					CB 106	T	2	C09	Р	7 (2)		
156	Ш				CO 9	Р	2	CB06	Ţ	2		
157				<u> </u>	CB06	В	2	C32	ME	5		
158	Ш				FL 15	ME	5	TBO2	11	12		
159	1	1 *	11	<u> </u>	TB02	11	12	J04	21	3		
160	10	16	4	<u> </u>	J04	20	3	K102-1	Pir	23		
CONTROL		MO	RMAN DA	TE DIAI	SION	19333		SHEET 10		WL	73129100	REV A
CONDUCTOI	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	LENGTH (APPROX	ORIG	in.	ACCES		ATION	ACCESS FIND NO	1	
161	10	16	4	1				1	T.			

CONTROL C		-		NOR	MAN	IDAL	E DIVIS	ION	19333		HEET 10		WL	73129100	A.
CONDUCTOR IDENT.	•	IND IO.	GAL ( RE				LENGTH (APPROX)	ORIGI	N	ACCESS	DESTINAT	ION	ACCESS FIND NO.	REMARKS	
161	1	0	16		4				1 -						
162	-	1	4		-	1									
163		Г						K02-1	OUT	23	J04	18	3		-
164		Г						J04	17	3	TB02	13	12		
165	Γ							FL16	ME	5	TB02	13	12		
166								C33	ME	5	XF02	В	16		
167								XF02	Т	16	K06	6	5 (6)		
168								K06	6	<u>6</u>	XF 102	T	16		
169	L				L			XF102	В	16	C133	ME	5		
170		L			L			FL116	ME	5	TB02	14	12		
171	L		Ш		L			TB02	14	12	J04	35	3		
172	L	ot			L			J04	29	3	K102-3	ООТ	23		
173	L					ــــــــــــــــــــــــــــــــــــــ					<u> </u>		<u> </u>		
174	L	L	Ц		L	_									
175	L	L			L			K02-3	· OUT	23	J04	28	3		
176	L	L			L	_		J04	30	3	TB02	12	12		
177	L	$oldsymbol{\perp}$			L	$\perp$		FL 115	ME	5	TB02	12	12		
178	L	$\perp$			L	1		C132	ME	5	CB 106	В	2		
179	L	1	$\sqcup$	<u> </u>	L	<u> </u>		CB 107	В	2	K102-2	IN	12,30		
180	1	0	16		4			K102-2	OUT	23	J04	14	3		

TROUTE	IIA ak	#ORMA	NDALE	DIVISIO	n	193			EET 11		WL	73129100	A
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGI	IN		ACCESS ND NO.	DESTINATION	ON	ACCESS FIND NO.	REMARKS	
181	10	16	4		J04	13	3	3	K02-2	OUT	23		
182	1	•	4		K02-2	11	N 1	12,30	CB07	В	2		
183	T				CBO4	Т	2	2	C04	Р	2		
104	T				C08	N	2	2	CB05	Т	2	i	
185					FL119	01	IE 5	5	J04	11	3		
186					J04	3	3	3	TB02	5	12		
187					TBO2	5	1	12	J04	2	3		
188					J04	1	3	3	TB02	6	12		
189				L	TBO2	7	1	12	XF01	В	16		
190			Ш_		XFO1	Т	1	16	C03	Р	2		
191	1	1			TB02	3	1	12	TB04	2	16		
192	10	16	1		FL 19	OM	1E 5	5	J04	12	3		
193	21	20	4	<b> </b>	J04	33	3 4	4	S102	B2	11		
194			ļ			-	_ -			-			
195	21	20	4		J04	46	_		FL17	ME	5		
196	1	1	1	<u> </u>	TB15	4	5	5	TB02	7	12		
197	+	<del>    -   -   -   -   -   -   -   -   -  </del>	₩	-	J04	43	3 4	4	ТВ09	23	8		
198	╁	$\vdash \downarrow$	$\vdash \vdash$	<del>                                     </del>	J04	56	14	4	808	2	ટુકૃ હેટ		
199 200	21	20	1.	+	K0 1	2	+,	15,24	C25	ME	5		
						- 4=	E IOEN				<u>,                                     </u>	DOCUMENT NO.	REV
CONTROLL		NOR	MANDAL	E DIVIS	ION	193			HEET 12		WL	73129100	Α
CONDUCTOR IDENT.	FIND NO.	GAUGE		LENGTH	1		- 1	ACCESS			ACCESS	ł	
THE R. P. LEWIS CO., LANSING MICH.	NO.	(REF.)	(REF.)			GIN		FIND NO	DESTINAT	ION	FIND NO	REMARKS	
201	21	(REF.)	(REF.)				-		<del> </del>	10N 45		REMARKS	
201	_	-	-		ORIC	2	-	FIND NO	<del> </del>		FIND NO	REMARKS	
	_	-	-		TB09	2	2	14 (*1)	J04	45	FIND NO		
202	_	-	-		TB09	2 R	22	14 (*1) 15,24	J04 TB02 K105	45	4 11		
202 203	_	-	-		TB09 K05 TB02	2 F	22	14 (*1) 15,24 11 15,24 15,24	TB02 K105 TB04	45 2 R2	11 15,24		
202 203 204	_	-	-		TB09 K05 TB02 K01	2 F 2 1	22	14 (1) 15,24 11 15,24	TB02 K105 TB04	45 2 R2 7	FIND NO 4 11 15,24 8		
202 203 204 205 206 207	_	-	-		TB09 K05 TB02 K01 K101 TB09 J04	2 R 2 1 1 1 2	22	14 (1) 15,24 11 15,24 15,24 14 (46)	TB02 K105 TB04 TB04 J04 TB09	45 2 R2 7 21 34	FIND NO. 4 11 15,24 8 8 4 14		
202 203 204 205 206 207 208	_	-	-		TB09 K05 TB02 K01 K101 TB09 J04 TB09	2 F 2 1 1 1 2 2	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	14 (4) 15,24 11 15,24 14 (46) 4	TB02 K105 TB04 TB04 TB04 TB09 J04	45 2 R2 7 21 34 15 58	8 8 8 4 14 4	(50)	
202 203 204 205 206 207 208 209	_	-	-		TB09 K05 TB02 K01 K101 TB09 J04	2 F 2 1 1 1 2 2	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	14 (1) 15,24 11 15,24 15,24 14 (46)	TB02 K105 TB04 TB04 J04 TB09	45 2 R2 7 21 34	FIND NO. 4 11 15,24 8 8 4 14	(50)	
202 203 204 205 206 207 208 209 210	_	-	-		TB09 K05 TB02 K01 K101 TB09 J04 TB09 J04	2 F 2 1 1 1 1 2 2 2 5	22	14 (*1) 15,24 11 15,24 14 (46) 4 8	TB02 K105 TB04 TB04 TB04 J04 TB09 J04 S108	45 2 R2 7 21 34 15 58 2	FIND NO 4 11 15,24 8 8 4 14 4 26,(53)	(50)	
202 203 204 205 206 207 208 209 210 211	_	-	-		TB09 K05 TB02 K01 K101 TB09 J04 TB09 J04 K101	2 F 2 1 1 1 1 2 2 5	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	14 (1) 15,24 11 15,24 14 (46) 4 8 4	TB02 K105 TB04 TB04 TB09 J04 S108	45 2 R2 7 21 34 15 58 2	8 8 4 14 4 26 5 5	(50)	
202 203 204 205 206 207 208 209 210 211 212:	_	-	-		TB09 K05 TB02 K01 K101 TB09 J04 TB09 J04 K101 TB09	2 FR 2 1 1 1 2 2 5 5	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	14 (1) 15,24 11 15,24 14 (46) 4 8 4 15,24 16 (2)	TB02 K105 TB04 TB04 TB09 J04 S108 C125	45 2 R2 7 21 34 15 58 2 ME	FIND NO. 4 11 15,24 8 8 4 14 4 26;(53)	(50)	
202 203 204 205 206 207 208 209 210 211 212:	_	-	-		TB09 K05 TB02 K01 K101 TB09 J04 TB09 J04 K101 TB09 J04	2 F 2 1 1 1 2 2 5 5	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	14 (1) 15,24 11 15,24 14 (46) 4 8 4 15,24 4	TB02 K105 TB04 TB04 TB09 J04 S108 C125 J04 FL117	45 2 R2 7 21 34 15 58 2 ME 60 ME	FIND NO 4 11 15,24 8 4 14 4 26)(53) 5 4 5	(50)	
202 203 204 205 206 207 208 209 210 211 212: 213 214	_	-	-		TB09 K05 TB02 K01 K101 TB09 J04 TB09 J04 K101 TB09 J04 TB115	2 F 2 1 1 1 2 2 5 5 2 2 2 6 4	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	14 (1) 15,24 11 15,24 14 (46) 4 8 4 15,24 15,24 4 5	TB02 K105 TB04 TB04 TB09 J04 S108 C125 J04 FL117 TB02	45 2 R2 7 21 34 15 58 2 ME 60 ME 7	FIND NO 4 11 15,24 8 8 4 14 4 26/53 5 4 5	(50)	
202 203 204 205 206 207 208 209 210 211 212: 213 214	21	20			TB09 K05 TB02 K01 K101 TB09 J04 TB09 J04 TB09 J04 TB115 J04	2 PR 2 2 1 1 1 1 1 2 2 2 5 5 5 5 6 4 4 5 5 6 6 4 6 6 6 6 6 6 6 6	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	14 (1) 15,24 11 15,24 14 (46) 4 8 4 15,24 15,24 4 5	TB02  K105  TB04  TB04  TB09  J04  S108  C125  J04  FL117  TB02  TB02	45 2 R2 7 21 34 15 58 2 ME 60 ME 7	FIND NO 4 11 15,24 8 8 4 14 4 26,53 5 4 5 12	(50)	
202 203 204 205 206 207 208 209 210 211 212: 213 214 215	21	20			TB09 K05 TB02 K01 K101 TB09 J04 TB09 J04 TB09 J04 TB09 J04 TB09 TB09 TB09 TB09	2 R 2 1 1 1 2 5 5 6 4 5 7	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	14 (1) 15,24 11 15,24 14 (46) 4 8 4 15,24 15,24 4 16 (2) 4 11	TB02 K105 TB04 TB04 TB09 J04 S108  C125 J04 FL117 TB02 TB02 J04	45 2 R2 7 21 34 15 58 2 ME 60 ME 7 7 37	FIND NO 4 11 15,24 8 8 4 14 4 265,53 5 4 5 12 14 4	\(\sigma_{50}\)	
202 203 204 205 206 207 208 209 210 211 212: 213 214 215 216 217	21	20			TB09 K05 TB02 K01 K101 TB09 J04 TB09 J04 TB09 J04 TB115 J04 TB02 S07	2 FF 2 1 1 1 1 2 2 5 5 6 4 4 5 7	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	14 (1) 15,24 11 15,24 14 (46) 4 8 4 15,24 4 5 4 14 (28,29	TB02 K105 TB04 TB04 TB09 J04 S108 C125 J04 FL117 TB02 TB02 J04 TB02	45 2 R2 7 21 34 15 58 2 ME 60 ME 7 7 37	FIND NO 4 11 15,24 8 8 4 14 4 26,53 5 4 5 12 14 4 14 14 14 14	(50)	
202 203 204 205 206 207 208 209 210 211 212: 213 214 215	21	20			TB09 K05 TB02 K01 K101 TB09 J04 TB09 J04 TB09 J04 TB09 J04 TB09 TB09 TB09 TB09	2 FF 2 1 1 1 1 2 2 2 5 5 2 2 2 6 6 4 4 5 5 7 7 1 1 1 1	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	14 (1) 15,24 11 15,24 14 (46) 4 8 4 15,24 15,24 4 16 (2) 4 11	TB02 K105 TB04 TB04 TB09 J04 S108  C125 J04 FL117 TB02 TB02 J04	45 2 R2 7 21 34 15 58 2 ME 60 ME 7 7 37	FIND NO 4 11 15,24 8 8 4 14 4 265,53 5 4 5 12 14 4	(50)	

9-112 70602500 E

CONTROL D		NORM	ANDALE	DIVIS		19333		HEET 13		WL.	DOCUMENT NO. 	MEV A
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS FIND NO.	DESTINATIO	2	ACCESS FIND NO.	REMARKS	
221	21	20	4		J04	26	4	TB02	3	11		
222	21	20	4		TBO2	3	11	J04	16	4		
223	21	20	4		J04	24	4	SO2	B2	11		
224												
225	21	20	4		502	В3	11	TB02	9	11		
226												
227												
228	21	20	4		TB02	9	11	KO5	1	15,24		
229	A	1	1		KO2-4COIL	В	30,(15)	TB02	2	14 16		
230	1	1	1		K02-4C01L	В	15	TB04	8	8		
231	21	20	4		K102-4C0I	В	30 14 17	TB02	2	16)		
232												
233												
234												
235	21	20	4		4-COIL	В	(17)	TB04	22	8		
2 36									1			
237	21	20	4		K105	R5	15,24	TB02	4	11		
238	17	24	4		<b>K1</b> 05	Rl	42	SSW104	4	11		
239												
240												
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CONTROL		MORI	ANDAL E	DIVIS		00€ IDI 19333		HEET 14		WL	DOCUMENT NO. 73129100	REV A
CONTROL	10.0	MORI GAUGE (REF.)	COLOR	LENGTH (APPROX)					)N	WL ACCESS FIND NO.	73129100	
CONTROL CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR	LENGTH	ORIGIN	19333	ACCESS FIND NO	DESTINATIO	_	ACCESS FIND NO.	73129100	
CONTROL [®] I	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH	ORIGIN TBIL	5	ACCESS FIND NO	DESTINATION TB02	4	ACCESS FIND NO.	73129100	
CONTROL CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH	ORIGIN	19333	ACCESS FIND NO	DESTINATIO	_	ACCESS FIND NO.	73129100	
CONTROL CONDUCTOR IDENT. 241 242 243	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH	ORIGIN TBIL	5	ACCESS FIND NO	DESTINATION TB02	4	ACCESS FIND NO.	73129100	
CONTROL CONDUCTOR IDENT.  241  242	FION FIND NO. 21 17	GAUGE (REF.) 20 24	COLOR (REF.)	LENGTH	ORIGIN TB11 K05	5 R1	ACCESS FIND NO 11 15 24	DESTINATION TB02	4	ACCESS FIND NO. 11 11	73129100	
CONTROL CONDUCTOR IDENT.  241  242  243  244  245	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH	ORIGIN TB11 K05	5 Rl	ACCESS FIND NO  11  15 24 34	DESTINATION TB02 SSW04 S102	4 4 B3	ACCESS FIND NO. 11 11	73129100	
CONTROL CONDUCTOR IDENT.  241  242  243  244  245	FION FIND NO. 21 17	GAUGE (REF.) 20 24	COLOR (REF.)	LENGTH	ORIGIN  TB11  K05  TB02  TB09	5 R1 10	ACCESS FIND NO 11 12 12 14 31 31 31 31 31 31 31 31 31 31 31 31 31	DESTINATION TB02 SSW04 S102 TB04	4 4 B3 21	ACCESS FIND NO. 11 11 11 8	73129100	
CONTROL CONDUCTOR IDENT.  241  242  243  244  245	FION FIND NO. 21 17	GAUGE (REF.) 20 24	COLOR (REF.)	LENGTH	ORIGIN  TB11  K05  TB02  TB09  TB04	9333 5 R1 10 16 7	11 11 11 46	DESTINATION TB02 SSW04 S102 TB04 TB09	B3 21 15	11 11 8 8	73129100	
CONTROL  CONDUCTOR IDENT.  241  242  243  244  245  246  247	FION FIND NO. 21 17	GAUGE (REF.) 20 24	COLOR (REF.)	LENGTH	ORIGIN  TB11  K05  TB02  TB09  TB04  C31	5 R1 10 16 7 OME	11 11 15 24 32 11 46 8	DESTINATION TB02 SSW04 S102 TB04 TB09 CB07	B3 21 15 3D	ACCESS FIND NO. 11 11 11 8 8	73129100  REMARKS	
CONTROL  CONDUCTOR IDENT.  241  242  243  244  245  246  247  248	FION FIND NO. 21 17	GAUGE (REF.) 20 24	COLOR (REF.)	LENGTH	TB11 K05 TB02 TB09 TB04 C31 TB09	9333 5 R1 10 16 7 OME 15	11 46 8 5	DESTINATION TB02 SSW04 S102 TB04 TB09 CB07 K02-1C0IL	B3 21 15 3D T	ACCESS FIND NO. 11 11 8 8 5 11,30	73129100  REMARKS	
CONTROL CONDUCTOR IDENT.  241  242  243  244  245  246  247  248  249	FION FIND NO. 21 17	GAUGE (REF.) 20 24	COLOR (REF.)	LENGTH	TB11 K05 TB02 TB09 TB04 C31 TB09 K102-1C01	193333 5 R1 10 16 7 OME 15	11 15 21 31 11 46 8 5 60 11,30	DESTINATION TB02 SSW04 S102 TB04 TB09 CB07 K02-1C0IL TB09	B3 21 15 3D T 16	ACCESS FIND NO. 11 11 11 8 8 5 11,30	73129100  REMARKS	
CONTROL CONDUCTOR IDENT.  241  242  243  244  245  246  247  248  249	FIND NO. 21 17	20 24 24	COLOR (REF.) 4 4	LENGTH	TB11 K05 TB02 TB09 TB04 C31 TB09	9333 5 R1 10 16 7 OME 15	11 46 8 5	DESTINATION TB02 SSW04 S102 TB04 TB09 CB07 K02-1C0IL	B3 21 15 3D T	ACCESS FIND NO. 11 11 8 8 5 11,30	73129100  REMARKS	
CONTROL  CONDUCTOR IDENT.  241  242  243  244  245  246  247  248  249  250  251	FIND NO. 21 17	20 24 24	COLOR (REF.) 4 4	LENGTH	TB11 K05 TB02 TB09 TB04 C31 TB09 K102-1C01	193333 5 R1 10 16 7 OME 15	11 15 21 31 11 46 8 5 60 11,30	DESTINATION TB02 SSW04 S102 TB04 TB09 CB07 K02-1C01L TB09 CB107	B3 21 15 3D T 16	ACCESS FIND NO. 11 11 11 8 8 5 11,30	73129100  REMARKS	
CONTROL  CONDUCTOR IDENT.  241  242  243  244  245  246  247  248  249  250  251	10N FIND NO. 21 17 17 17 17 21	20 24 24 20 20	COLOR (REF.) 4 4 4 4 4	LENGTH	TB11 K05 TB02 TB09 TB04 C31 TB09 K102-1C01 C131	5 R1 10 16 7 OME 15 T OME	11 11 15 21 32 32 32 32 32 32 32 32 32 32	DESTINATION TB02 SSW04 S102 TB04 TB09 CB07 K02-1C01L TB09 CB107	B3 21 15 3D T 16 3D	ACCESS FIND NO. 11 11 11 8 8 8 5 11,30 8	73129100  REMARKS	
CONTROL  CONDUCTOR IDENT.  241  242  243  244  245  246  247  248  249  250  251  252	10N FIND NO. 21 17 17 17 17 21	20 24 24 20 20	COLOR (REF.) 4 4 4 4 4	LENGTH	TB11 K05 TB02 TB09 TB04 C31 TB09 K102-1C01 C131	10 16 7 OME 15 T	11 (46) 8 5 (50) 11,30 5	DESTINATION TB02 SSW04 S102 TB04 TB09 CB07 K02-1C0IL TB09 CB107	B3 21 15 3D T 16 3D	ACCESS FIND NO. 11 11 8 8 5 11,30 8 5	73129100  REMARKS	
CONTROL  CONDUCTOR IDENT.  241  242  243  244  245  246  247  248  249  250  251  252  253	10N FIND NO. 21 17 17 17 17 21	20 24 24 20 20	COLOR (REF.) 4 4 4 4 4	LENGTH	TB11 K05 TB02 TB09 TB04 C31 TB09 K102-1C01 C131 TB02 CB02	10 16 7 OME 15 T OME 7 3D	11 11 15 21 31 31 31 31 31 31 31 31 31 3	DESTINATION TB02 SSW04  S102 TB04 TB09 CB07 K02-1C01L TB09 CB107  CB02 CB04	B3 21 15 30 T 16 30 58	ACCESS FIND NO. 11 11 8 8 5 11,30 8 5	73129100  REMARKS	
CONTROL  CONDUCTOR IDENT.  241  242  243  244  245  246  247  248  249  250  251  252  253  254	10N FIND NO. 21 17 17 17 17 21	20 24 24 20 20	COLOR (REF.) 4 4 4 4 4	LENGTH	TB11 K05 TB02 TB09 TB04 C31 TB09 K102-1C01 C131 TB02 CB02 CB04	5 Rl 10 16 7 OME 15 T OME 3D 3D 3D	11 (46) 8 5 (50) 11,30 5 5 5 5	DESTINATION TB02 SSW04  S102 TB04 TB09 CB07 K02-1C0IL TB09 CB107  CB02 CB04 CB05	B3 21 15 30 T 16 30 58 58	ACCESS FIND NO. 11 11 11 8 8 8 5 11,30 8 5	73129100  REMARKS	
CONTROL  CONDUCTOR IDENT.  241  242  243  244  245  246  247  248  249  250  251  252  253  254  255	10N FIND NO. 21 17 17 17 17 21	20 24 24 20 20	COLOR (REF.) 4 4 4 4 4	LENGTH	TB11 K05 TB02 TB09 TB04 C31 TB09 K102-1C01 C131 TB02 CB02 CB04 CB05	10 16 7 OME 15 T OME 3D 3D 3D	11 11 12 11 11 11 11 11 11 11	DESTINATION TB02 SSW04 S102 TB04 TB09 CB07 K02-1C0IL TB09 CB107 CB02 CB04 CB05 CB107	B3 21 15 3D T 16 3D 5B 5B 5B	ACCESS FIND NO. 11 11 8 8 5 11,30 8 5 5 5 5	73129100  REMARKS	
CONTROL  CONDUCTOR IDENT.  241  242  243  244  245  246  247  248  249  250  251  252  253  254  255  256	10N FIND NO. 21 17 17 17 17 21	20 24 24 20 20	COLOR (REF.) 4 4 4 4 4	LENGTH	TB11 K05 TB02 TB09 TB04 C31 TB09 K102-1C01 C131 TB02 CB02 CB04 CB05 DS109	10 16 7 OME 15 T OME 3D 3D 3D B	11 11 15 21 31 31 31 31 31 31 31 31 31 3	DESTINATION TB02 SSW04  S102 TB04 TB09 CB07 K02-1C0IL TB09 CB107  CB02 CB04 CB05 CB107 TB02	B3 21 15 3D T 16 3D 5B 5B 5B 12	ACCESS FIND NO. 11 11 8 8 5 11,30 8 5 5 5 5 5	73129100  REMARKS	

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CONTROLL	A'A	HORI	TANDALI	DIVIS		9 3 3 3		HEET 15		WL	73129100	A A
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS	DESTINATION	,	ACCESS FIND NO.	REMARKS	
261	21	20	4		CB07	58	5	CB05	3D	5		
262											<del></del>	
263												
264			<b>-</b>									
265						$\vdash$		· · · · · · · · · · · · · · · · · · ·		•	· · · · · · · · · · · · · · · · · · ·	
266			<b>-</b>			-						
267						7					· · · · · · · · · · · · · · · · · · ·	
268	21	20	4		TB02	9	11	ТВП	6	11	· · · · · · · · · · · · · · · · · · ·	
269												
270												
271	21	20	4		TBII	6	11	SSW04	3	11		
272	21	20	4		TBII	7	11	SSW104	3	11		
273			<u> </u>	<b>†</b>					·			
274	21	20	4	1	K105	1	15,24	TB02	10	11		
275		<b>-</b>	† <del>'</del>			Ť						
276	21	20	4		TB02	10	11	T.B.I.I	7	. 11		
277			†	†		<del>                                     </del>						•
278	<b>1</b>		1	T		$t^-$	<b> </b>					
279	T -		†									
200			1									
CONTROL		RORI	MANDAL	E DIVIS		COM 1		SHEET 16		WL	73129100	A A
CONDUCTO	E FIND	GAUG	COLO	R LENGTI	10H	193	ACCES	s		ACCESS	73129100	A
	K O.A.	<del></del>	COLO	R LENGTI	10H	193	33	s	ОН	ļ. ~~~	73129100	
CONDUCTO ISSNT.	E FIND	GAUG	COLO	R LENGTI	10H	193	ACCES FIND N	S O. DESTINATION	0N B	ACCESS	73129100	
CONDUCTO MENT.	FIND NO.	GAUG (REF.)	E COLO (REF.)	R LENGTI	ION  ORIGIN	193:	ACCES FIND N 7 11,30	S O. DESTINATION	<del></del>	ACCESS FIND NO	73129100 REMARKS	
CONDUCTO ISSNT.	FIND NO.	GAUG (REF.)	E COLO (REF.)	R LENGTI	ORIGIN  K02-2	193:	ACCES FIND N	DS05	В	ACCESS FIND NO	73129100 REMARKS	
CONDUCTO IDENT. 281 282	FIND NO.	GAUG (REF.)	E COLO (REF.)	R LENGTI	ORIGIN  K02-2  DS05	193:	ACCES FIND N 7 11,30	DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTIN	B 6	ACCESS FIND NO 8 11/30	73129100 REMARKS	
CONDUCTO 186NT. 281 282 283 284 285	FIND NO.	GAUG (REF.)	E COLO (REF.)	R LENGTI	ORIGIN  K02-2  DS05  TB02	193: T 6	ACCES FIND N 7 11,30 8 30 8	DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTIN	B 6 T	ACCESS FIND NO 8 11 (30 8 11,50	73129100 REMARKS	
CONDUCTO MENT. 281 282 283 284 285 285	FIND NO.	GAUG (REF.)	E COLO (REF.)	R LENGTI	ORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107	193:   OUT   T   6   B   OUT   T   T   T   T   T   T   T   T   T	ACCES FIND N T 11,3C 8 30 8 T 11,3C	DESTINATION DESTINATION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRI	B 6 T OUT B 1	8 11 30 8 11 31 31	73129100 REMARKS	
CONDUCTO 185HT.  281  282  283  284  285  286	FIND NO.	GAUG (REF.)	E COLO (REF.)	R LENGTI	ORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02	193: T 6 B OUT	ACCES FIND N T 11,30 8 30 8 T 11,30 8 4 51	DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTIN	B 6 T OUT B 1 T	8 11 30 8 11 31 8	73129100 REMARKS	
CONDUCTO 18691T. 281 282 283 284 285 286 287y 288	FIND NO.	GAUG (REF.)	E COLO (REF.)	R LENGTI	ORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02  DS07	193: T 6 B OUT	ACCES FIND N T 11,30 8 30 8 T 11,30 8 4 51 8 61	DESTINATION DESTINATION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRI	B 6 T OUT B 1 T OUT	ACCESS FIND NO 8 11 (30) 8 11 (31) 8 11 (31) 8	73129100 REMARKS	
CONDUCTO MENT.  281  282  283  284  285  286  287y  288	FIND NO.	GAUG (REF.)	E COLO (REF.)	R LENGTI	ORIGIN  K02-2  DS05  T802  DS105  K102-1  DS107  T802  DS07  K02-3	193: T 6 B OUT	ACCES FIND N T 11,3C 8 30 8 T 11,3C 8 61 8	DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTIN	B 6 T OUT B 1 T OUT B	8 11 /30 8 11,50 8 11,30 8	73129100 REMARKS	
CONDUCTO MEST.  281  282  283  284  285  286  287y  288  289	FIND NO.	GAUG (REF.)	E COLO (REF.)	R LENGTI	MORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3  DS08	193:	ACCES FIND N  111,3C  8  30)  8  111,3C  8  411,3C  8  411,3C  8	DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTIN	B 6 T OUT B 1 T OUT B 6	8 11 / 30 8 11,30 8 11,30 8 11,30 8	73129100 REMARKS	
CONDUCTO 185HT.  281  282  283  284  285  286  287y  288  289  290  2911	R FIND NO.	GAUG (REF.)	E COLO (REF.)	R LENGTI	MORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3  DS08  TB02	193: T 6 8 00 T 1 1 8 00 T T 6	ACCES FIND N 111,30 8 30 8 111,30 8 51 11,30 8 51 8 52 8	DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTIN	B 6 T OUT B 1 T OUT B 6 T T	8 11 (30) 8 11,30 8 11,30 8 11,30 8	73129100 REMARKS	
CONDUCTO MENT.  281  282  283  284  285  287  288  289  290  2911	FIND NO.	GAUG (REF.)	E COLO (REF.)	R LENGTI	MORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3  DS08	193:	ACCES FIND N  111,3C  8  30)  8  111,3C  8  411,3C  8  411,3C  8	DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTIN	B 6 T OUT B 1 T OUT B 6	8 11 (30) 8 11,30 8 11,30 8 11 (31) 8	73129100 REMARKS	
CONDUCTO MENT.  281  282  283  284  285  285  287  288  289  290  2911  292  293	R FIND NO.	GAUG (REF.)	E COLO (REF.)	R LENGTI (APPRO)	MORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3  DS08  TB02	193: T 6 8 00 T 1 1 8 00 T T 6	ACCES FIND N 111,30 8 30 8 111,30 8 51 11,30 8 51 8 52 8	DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTIN	B 6 T OUT B 1 T OUT B 6 T T	8 11 (30) 8 11,30 8 11,30 8 11,30 8	73129100 REMARKS	
CONDUCTO 185HT.  281  282  283  284  285  286  287y  288  289  290  2911  292  293  294	R FIND NO.	GAUG (REF.)	E COLO (REF.)	R LENGTI (APPRO)	MORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3  DS08  TB02	193: T 6 8 00 T 1 1 8 00 T T 6	ACCES FIND N 111,30 8 30 8 111,30 8 51 11,30 8 51 8 52 8	DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTIN	B 6 T OUT B 1 T OUT B 6 T T	8 11 (30) 8 11,30 8 11,30 8 11,30 8	73129100 REMARKS	
CONDUCTO MENT.  281  282  283  284  285  286  287y  288  289  290  2911  292  293  294	R FIND NO.	GAUG (REF.) 24	E COLO (REF.)	R LENGTI (APPRO)	ORIGIN  K02-2  DS05  T802  DS105  K102-1  DS107  T802  DS07  K02-3  DS08  T802  DS108	T 6 B 00 T T 6 B B 00 T T 6 B B 00 T T 6 B B 00 T T 6 B B 00 T T 6 B B 00 T T T 6 B B 00 T T T T T T T T T T T T T T T T	ACCES FIND N 111,3C 8 30 8 111,3C 8 31) 8 111,3C 8 32) 8	DESTINATION DESTINATION DESTINATION DESCRIPTION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTIN	B 6 T OUT B 6 T OUT	8 11 (30) 8 11,50 8 11 (31) 8 11 (32) 8 11 (32) 8	73129100 REMARKS	
CONDUCTO MENT.  281  282  283  284  285  285  287  288  289  290  2911  292  293  294  295	R FIND NO.	GAUG (REF.) 24 A 24 24 24	E COLO (REF.)	R LENGTI (APPRO)	ORIGIN  K02-2  DS05  T802  DS105  K102-1  DS107  T802  DS07  K02-3  DS08  T802  DS108	1933  T 6 B 000  T 1 B 000  T 7 6 B R 000  T R1	ACCES FIND N 111,30 8 111,30 8 111,30 8 111,30 8 32) 8	DESTINATION DESTINATION DESCRIPTION DESCRIPTION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTIN	B 6 T OUT B 1 T OUT B 6 T OUT 27	8 11 30 8 11 30 8 11,30 8 11,30 8 11,30 8 11,30	73129100 REMARKS	
CONDUCTO MENT.  281  282  283  284  285  285  287  288  289  290  2911  292  293  294  295  296  297	17 A 17 17 10	GAUGI (REF.) 24 4 24 24 24 16	E COLO (REF.) 4	R LENGTI (APPRO)	ORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3  DS08  TB02  DS108  TB02  CS04	193:    OUT   T   6   B   OUT   T   1   B   OUT   T   6   B   OUT   T   6   B   OUT   T   6   B   OUT   T   C   C   C   C   C   C   C   C	ACCES FIND N  T 11,3C  8  30)  8  T 11,3C  8  T 11,3C  8  T 11,3C  8  T 11,3C  8  T 11,3C  8  T 11,3C  8  T 11,3C  8  T 11,3C	DESTINATION DESTINATION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRI	B 6 T OUT B 1 T OUT B 6 T OUT 27 1	8 11 30 8 11 31 8 11 32 8 11 32 8 11 32 8 11 35	73129100 REMARKS	
CONDUCTO MENT.  281  282  283  284  285  286  287y  288  289  290  2911  292  293  294  295  296  297  298	R FIND NO.	GAUG (REF.) 24 A 24 24 24	E COLO (REF.)	R LENGTI (APPRO)	ORIGIN  K02-2  DS05  T802  DS105  K102-1  DS107  T802  DS07  K02-3  DS08  T802  DS108	1933  T 6 B 000  T 1 B 000  T 7 6 B R 000  T R1	ACCES FIND N 111,30 8 111,30 8 111,30 8 111,30 8 32) 8	DESTINATION DESTINATION DESCRIPTION DESCRIPTION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTINATION DESTIN	B 6 T OUT B 1 T OUT B 6 T OUT 27	8 11 30 8 11 30 8 11,30 8 11,30 8 11,30 8 11,30	73129100 REMARKS	
CONDUCTO MENT.  281  282  283  284  285  285  287  288  289  290  2911  292  293  294  295  296  297	17 A 17 17 10	GAUGI (REF.) 24 4 24 24 24 16	E COLO (REF.) 4	R LENGTI (APPRO)	ORIGIN  K02-2  DS05  TB02  DS105  K102-1  DS107  TB02  DS07  K02-3  DS08  TB02  DS108  TB02  CS04	193:    OUT   T   6   B   OUT   T   1   B   OUT   T   6   B   OUT   T   6   B   OUT   T   6   B   OUT   T   C   C   C   C   C   C   C   C	ACCES FIND N  T 11,3C  8  30)  8  T 11,3C  8  T 11,3C  8  T 11,3C  8  T 11,3C  8  T 11,3C  8  T 11,3C  8  T 11,3C  8  T 11,3C	DESTINATION DESTINATION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRI	B 6 T OUT B 1 T OUT B 6 T OUT 27 1	8 11 30 8 11 31 8 11 32 8 11 32 8 11 32 8 11 35	73129100 REMARKS	

CONTROLD		<b>NO</b> RMA	NDALE	DIVISI	OM	19333		MEET 17		WL	73129100	A.
ONDUCTOR IDENT.	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGI	N	ACCESS FIND NO	DESTINATIO	)N	ACCESS FIND NO.	REMARKS	
301	17	24	4		DS 10	В	8	TB02	7	<b>②</b>		
302												
303							<b>1</b>		†			
304	17	24	4		TB02	2	11	<b>R</b> 05	R5	9,24		
205												
306	17	24	4		<b>KO</b> 5	R6	9,24	J04	8	6		
307	17	24	4		J04	7	6	K05	2	9,24		
208									T			
209	17	24	4		TB02	1	11 (38)	S102	C2	11		· · · · · · · · · · · · · · · · · · ·
310	17	24	4		TB09	18	11	J04	59	6		
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320		24			TB09	19	11	J04	44	6		
320			R MANDAL	E DIVI	E. J. C. C. C. C. C. C. C. C. C. C. C. C. C.	19 CODE 10 193	ENT	J04 SHEET 18	44	s WL	DOCUMENT NO. _73129100	NEV.
320 Controlu	ATA		COLOR (REF.)		SION	193	ENT	SHEET 18		WL  ACCESS FIND NO.		
320 CONTROLL	AIA	<b>NO I</b>	COLOR	LENGTH	SION	193	ACCESS	SHEET 18		ACCESS	_73129100	
GONITORUS CONDUCTOR IDENT.	AIA	<b>NO I</b>	COLOR	LENGTH	SION	193	ACCESS	SHEET 18		ACCESS	_73129100	
CONTROLL CONDUCTOR IDENT. 321	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH	SION	193	ACCESS	DESTINATE	ON T	ACCESS FIND NO.	_73129100	
CONDUCTOR IDENT. 321 322	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH	ORIG	193	ACCESS FIND NO	DESTINATION OF TROPE	ON R1	ACCESS FIND NO.	_73129100	
CONTROLL CONDUCTOR IDENT. 321 322 323	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH	ORIG  J04  K101	193	ACCESS FIND NO 6 15,24	DESTINATE  K101 TB02 TB02	ON R1 1	ACCESS FIND NO. 15,24	_73129100	
320 CONTROLL CONDUCTOR IDENT. 321 322 323 324	FIND NO.	NOII GAUGE (REF.)	COLOR (REF.)	LENGTH	J04 K101 K01	193 -IN	ACCESS FIND NO 6 15,24 15,24	DESTINATE  K101 TB02 TB02	ON R1 1 1 1	ACCESS FIND NO. 15,24 15	.73129100  REMARKS	
320 CONTROLL CONDUCTOR IDENT. 321 322 323 324 325	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH	J04 K101 K01	193	ACCESS FIND NO 6 15,24 15,24	DESTINATE  K101  TB02  TB02  J04	ON R1 1 1 1 10	ACCESS FIND NO. 15,24 15	.73129100  REMARKS	
320 CONDUCTOR IDENT.  321  322  323  324  325  326	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH	J04 K101 K01 J04	193	ACCESS FIND NO 6 15,24 15,24	DESTINATE  K101  TB02  TB02  J04	ON R1 1 1 1 10	ACCESS FIND NO. 15,24 15	.73129100  REMARKS	
320 CONTROLL CONDUCTOR IDENT. 321 322 323 324 325 326 327	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH	J04 K101 K01 J04	193 193 22 R2 R2 R1 15	ACCESS FIND NO 6 15,24 15,24 6	DESTINATION	R1 1 1 10 2	ACCESS FIND NO. 15,24 15 15 6 24,15	.73129100  REMARKS	
320 CONTROLL CONDUCTOR IDENT. 321 322 323 324 325 326 327 328	FIND NO.  21  17	20 20 24	COLOR (REF.)	LENGTH	J04 K101 K01 J04 K105	193 193 22 R2 R2 R1 15	ACCESS FIND NO 6 15,24 15,24 6 9,24	DESTINATION   K101   TB02   TB02   TB02   J04   K104   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04	R1 1 1 10 2 5 5	ACCESS FIND NO. 15,24 15 15 6 24,15	.73129100  REMARKS	
320 CONDUCTOR IDENT.  321  322  323  324  325  326  327  328  329	FIND NO.  21  17	20 20 24	COLOR (REF.)	LENGTH	J04 K101 K01 J04 K105	193 193 22 R2 R2 R1 15	ACCESS FIND NO 6 15,24 15,24 6 9,24	DESTINATION   K101   TB02   TB02   TB02   J04   K104   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04	R1 1 1 10 2 5 5	ACCESS FIND NO. 15,24 15 15 6 24,15	.73129100  REMARKS	
320 EONIROLL CONDUCTOR IDENT. 321 322 323 324 325 326 327 328 329 330	FIND NO.  21  4  21  17	20 20 24	COLOR (REF.)	LENGTH	J04 K101 K01 J04 K105	193 193 22 R2 R2 R1 15	ACCESS FIND NO 6 15,24 15,24 6 9,24	DESTINATION   K101   TB02   TB02   TB02   J04   K104   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04   J04	R1 1 1 10 2 5 5	ACCESS FIND NO. 15,24 15 15 6 24,15	.73129100  REMARKS	
320 CONTROLL CONDUCTOR IDENT. 321 322 323 324 325 326 327 328 329 330 331	FIND NO.  21  17  17	20 20 24 24 24	COLOR (REF.)	LENGTH	J04 K101 K01 J04 K105 J04	22 R2 R2 R1 15 2 4	ACCESS FIND NO 6 15,24 15,24 6 9,24 6	Name	R1 1 1 10 2 5 L6	ACCESS FIND NO. 15,24 15 15 6 24,15 6 9,24	.73129100  REMARKS	
320 CONDUCTOR IDENT. 321 322 323 324 325 326 327 328 329 330 331	21 17 17 17	20 24 24 24 24	COLOR (REF.)	LENGTH	J04 K101 K01 J04 K105 J04	193 11N 22 R2 R2 R1 15 2 4	ACCESS FIND NO 6 15,24 15,24 6 9,24 6	DESTINATION	R1 1 1 10 2 5 L6	ACCESS FIND NO. 15,24 15 15 6 24,15 6 9,24	.73129100  REMARKS	
320 EONIROLU CONDUCTOR IDENT. 321 322 323 324 325 326 327 328 329 330 331 332	21 17 17 17 17	20 24 24 24 24 24	COLOR (REF.)	LENGTH	J04 K101 K01 J04 K105 J04 TB02 DS09	193 11N 22 R2 R2 R1 15 2 4	ACCESS FIND NO 6 15,24 15,24 6 9,24 6	DESTINATION	R1 1 1 10 2 5 L6 C2 1	ACCESS FIND NO. 15,24 15 15 6 24,15 6 9,24	.73129100  REMARKS	
320 EUNIROLL CONDUCTOR IDENT. 321 322 323 324 325 326 327 328 329 330 331 332 333	21 17 17 17 17	20 24 24 24 24 24	COLOR (REF.)	LENGTH	J04 K101 K01 J04 K105 J04 TB02 DS09	193 11N 22 R2 R2 R1 15 2 4	ACCESS FIND NO 6 15,24 15,24 6 9,24 6	DESTINATION	R1 1 1 10 2 5 L6 C2 1	ACCESS FIND NO. 15,24 15 15 6 24,15 6 9,24	.73129100  REMARKS	
320 CONTROLL 321 322 323 324 325 326 327 328 329 330 331 332 333 334	21 17 17 17 17	20 24 24 24 24 24	COLOR (REF.)	LENGTH	J04 K101 K01 J04 K105 J04 TB02 DS09	193 11N 22 R2 R2 R1 15 2 4	ACCESS FIND NO 6 15,24 15,24 6 9,24 6	DESTINATION	R1 1 1 10 2 5 L6 C2 1	ACCESS FIND NO. 15,24 15 15 6 24,15 6 9,24	.73129100  REMARKS	
320 EONIROLL CONDUCTOR IDENT. 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336	21 17 17 17 17 17	20 24 24 24 24 24	COLOR (REF.)	LENGTH	J04 K101 K01 J04 K105 J04 TB02 DS09 TB04	193 11N 22 R2 R2 R1 15 2 4 1 T 15	ACCESS FIND NO 6 15,24 15,24 6 9,24 6	Name	R1 1 1 1 10 2 5 L6 C2 1 T	ACCESS FIND NO. 15,24 15 15 6 24,15 6 9,24	.73129100  REMARKS	

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CONTROL D		HOR	I <b>and</b> al e	DIVIS		19333		EET 19		WL	DOCUMENT NO. 73129100	A A
CONDUCTOR IDENT.	FIND NO.	GAUGE {REF.)		LENGTH (APPROX)	ORIGIN		ACCESS	DESTINATIO		ACCESS FIND NO.	REMARKS	
341	21	20	4		TB04	2	16	TB04	4	16		
342	21	20	4		TB04	4.7	16	TB04	16	16		
343	21	20	4		TB04	16	16	TB04	18	16		
344	21	20	4		S08	2	<b>(52)</b>	TB09	28	11		
345	A	4	4		\$108	2	<b>(3)</b>	TB09	29	11		
346					S07	3	28,29	TB09	22	<b>(1)</b>		
347					\$107	3	28,29	TB09	20	<b>2</b>		
348					TB09	13	11	FRONT PNL	GRD	25		
349					TB09	26	11	TB02	2	23 (3)		
350					TB09	27	11	TB02	2	<del>(3)</del>		
351	$oxed{oxed}$				808	4	28,29	TB09	9	11		
352	Ц_				S108	4	28,29	TB09	7	11		
353	1		1		TB09	17	11 (54)	C31	ME	5		
354	21	20	4		TB09	24	11 (55)	C131	ME	5		
355	21	20	4		TB09	17	11 (54)	S02	A3	11		
356	21	20	4		TB09	24	11(55)	S102	A3	u_		
357	<u> </u>	ļ	ļ						<u> </u>			
358	_					<del> </del>				<b>-</b>		
359		├				┼	<u> </u>		-	<u> </u>		
360						CODE ID	ener T				DOCUMENT NO.	REV
CONTROL CONTROL		HORP	IAN DAL E	DIVIS	ION	1933		MEET 20		WL	73129100	A
CONDUCTOR IDENT.	FIND NO.	GAUGE ( REF.)	COLOR	LENGTH	į.							
361			(REF.)	(APPROX)	ORIGI	4	ACCESS FIND NO	DESTINATIO	)N	ACCESS FIND NO.	REMARKS	•
<u> </u>			(REF.)	(APPROX)	ORIGI		1	. DESTINATIO	on T		REMARKS	•
362	1	16	(REF.)	(APPROX)	ORIGIN T06	1	1	DESTINATIO	6		REMARKS	·
<del></del>	1		(REF.)				1			FIND NO.	REMARKS	
362	1	16	(REF.)	12	Т06	1	1	T01	6	57	REMARKS	
362 363 364 365	1	16 12 12 12	(REF.)	12 12 11 10	T06 T06 T06	1 2 3 4	1	T01 T01 TB06 T02	6 14 3 3	57 56 53	REMARKS	
362 363 364 365 366	1	16 12 12 16 16	(REF.)	12 12 11 10 11	T06 T06 T06 T06 T06 T06	1 2 3 4 5	FIND NO	T01 T01 T806 T02 T806	6 14 3 3 2	57 56 53 51	REMARKS	-
362 363 364 365 366 367	1	16 12 12 16 12 12	(REF.)	12 12 11 10 11 12	T06 T06 T06 T06 T06 T06 T06	1 2 3 4 5 6	1	T01 T01 TB06 T02 TB06 T01	6 14 3 3 2 16	57 56 53 51 53	REMARKS	
362 363 364 365 366 367 368	1	16 12 12 16 12 12 12	(REF.)	12 12 11 10 11 12 6	T06 T06 T06 T06 T06 T06 T06 L02	1 2 3 4 5 6 1 1	FIND NO	T01 T01 TB06 T02 TB06 T01 C03	6 14 3 3 2 16 P	57 56 53 51 53 56 50	REMARKS	
362 363 364 365 366 367 368 369	1	16 12 12 16 12 16 12 16 16 16	(REF.)	12 12 11 10 11 12 6	T06 T06 T06 T06 T06 T06 T06 L02 L02	1 2 3 4 5 6 1	FIND NO	T01 T01 TB06 T02 TB06 T01 C03 C04	6 14 3 3 2 16 P	57 56 53 51 53 56 50	REMARKS	
362 363 364 365 366 367 368 369 370	A	16 12 12 16 12 12 12 16 16 16	(REF.)	12 12 11 10 11 12 6 6 6	T06 T06 T06 T06 T06 T06 L02 L02 L03	1 2 3 4 5 6 1 1 2 1 1	FIND NO	T01 T01 TB06 T02 TB06 T01 C03 C04 C07	6 14 3 3 2 16 P	57 56 53 51 53 56 50 50	REMARKS	
362 363 364 365 366 367 368 369 370	1	16 12 12 16 12 12 16 16 16 16		12 12 11 10 11 12 6 6 5	T06 T06 T06 T06 T06 T06 T06 L02 L02 L03 L03	1 2 3 4 5 6 1 1 2 1 2	FIND NO	T01 T01 TB06 T02 TB06 T01 C03 C04 C07 C08	6 14 3 3 2 16 P N	57 56 53 51 53 56 50 50	REMARKS	
362 363 364 365 366 367 368 369 370 371	1 52	16 12 12 16 12 12 16 12 16 16 16 16	4	12 12 11 10 11 12 6 6 5 5	T06 T06 T06 T06 T06 T06 L02 L02 L03 L03 C01	1 2 3 4 5 6 1 2 1 2 P	FIND NO	T01 T01 TB06 T02 TB06 T01 C03 C04 C07 C08 TB06	6 14 3 3 2 16 P P N N	57 56 53 51 53 56 50 50 50 50	REMARKS	
362 363 364 365 366 367 368 369 370 371 \$72	1	16 12 12 16 12 12 16 16 16 16		12 12 11 10 11 12 6 6 5	T06 T06 T06 T06 T06 T06 T06 L02 L02 L03 L03	1 2 3 4 5 6 1 1 2 1 2	FIND NO	T01 T01 TB06 T02 TB06 T01 C03 C04 C07 C08	6 14 3 3 2 16 P N	57 56 53 51 53 56 50 50	REMARKS	
362 363 364 365 366 367 368 369 370 371 372 373	1 52	16 12 12 16 12 12 16 12 16 16 16 16	4	12 12 11 10 11 12 6 6 5 5	T06 T06 T06 T06 T06 T06 L02 L02 L03 L03 C01	1 2 3 4 5 6 1 2 1 2 P	FIND NO	T01 T01 TB06 T02 TB06 T01 C03 C04 C07 C08 TB06	6 14 3 3 2 16 P P N N	57 56 53 51 53 56 50 50 50 50	REMARKS	
362 363 364 365 366 367 368 369 370 371 372 373 374	1 52 54	16 12 12 16 12 16 12 16 16 16 16 16 16 14	4	12 12 11 10 11 12 6 6 5 5 12 4	T06 T06 T06 T06 T06 T06 L02 L02 L03 L03 C01 T08	1 2 3 4 5 6 1 2 1 2 P	50 58	T01 T01 TB06 T02 TB06 T01 C03 C04 C07 C08 TB06	6 14 3 3 2 16 P P N N	57 56 53 51 53 56 50 50 50 50	REMARKS	
362 363 364 365 366 367 368 369 370 371 372 373 374 375	1 52 54 75	16 12 12 16 12 12 16 12 16 16 16 16	4	12 12 11 10 11 12 6 6 5 5	T06 T06 T06 T06 T06 T06 L02 L02 L03 L03 C01	1 2 3 4 5 6 1 2 1 2 P 5 5	50 58	T01 T01 TB06 T02 TB06 T01 C03 C04 C07 C08 TB06 T08	6 14 3 3 2 16 P N N N 1 4	57 56 53 51 53 56 50 50 50 51 53	<u>A</u> \$	
362 363 364 365 366 367 368 369 370 371 \$72 373 374 375 376	1 52 54 75 75	16 12 12 16 12 12 16 16 16 16 16 16 16 14	4 4	12 12 11 10 11 12 6 6 5 5 12 4	T06 T06 T06 T06 T06 T06 L02 L02 L03 L03 C01 T08	1 2 3 4 5 6 1 2 1 2 P 5 1	50 58 58	T01 T01 TB06 T02 TB06 T01 C03 C04 C07 C08 TB06 T08	6 14 3 3 2 16 P N N N 1 4	57 56 53 51 53 56 50 50 50 51 53		
362 363 364 365 366 367 368 369 370 371 372 373 374 375	1 52 54 75	16 12 12 16 12 12 16 16 16 16 16 16 16 20 20	4 4	12 12 11 10 11 12 6 6 5 5 12 4	T06 T06 T06 T06 T06 T06 T06 L02 L02 L03 L03 C01 T08	1 2 3 4 5 6 1 2 1 2 P 5 5	50 58 58	T01 T01 TB06 T02 TB06 T01 C03 C04 C07 C08 TB06 T08	6 14 3 3 2 16 P N N N 1 4 4	57 56 53 51 53 56 50 50 50 51 53 71 71	<u></u>	

CONTROLID		NORMA	NDALE	DIVISI		19333		HEET 21		WL	73129100	A
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	1	LENGTH (APPROX)	ORIGIN		ACCESS	DESTINATION	,	ACCESS FIND NO.	'. REMARKS	
381												
382												
383	93			12	PANEL BASE	GRD		FRONT PANEL	GRD			
384	77				K01	1	71,78	K01	2	71,78	C50 + TO K01-1	
385	77				K101	1	71,78	K101	2	71,78	C150 + TO K101-1	
386	27	20	4	3	J04	53	43	TB09	8	41	C130 + 10 K101-1	
387	27	20	4	5	TB09	12	41	Тво9	26	42 46		
388	27	20	4	6	TB09		<b>₹6</b> )	TB09	30	42 (+7)		
389					<u> </u>		<u> </u>			<u> </u>		
390	27	20	4	6	ТВО9	30	<del>(1</del> 7)	ТВ09	27	42 (*8)		
391	27	20	4	3	J04	54	43	TB09	6	41		
392	27	20	4	5	TB09	27	<del>13</del>	TB09	14	41		
393	27	20	4	4	TB09	30	41	TB09	25	42 (51)		
394	27	20	4	4	TB09	25	51)	ТВ09	31	41		
395	27	20	4	6	ТВО9	25	41	ТВ09	13	41	l	
396	27	20	4	3	TB09	1	41	ТВ09	3	41		
397	27	20	4	3	ТВ09	2	41	ТВ09	į į	41		
398	27	20	4	<del>                                     </del>	TB09	1	41	502	A2	41		
399	27	20	4	<del>                                     </del>	TB09	2	41	S102	A2	41	-	
400	27	20		<b>.</b> .	TB09	10	41	502	C1	41		
CONTROL	DATĀ	1				CODE ID				Ī.,,,	DOCUMENT NO.	REV.
es a const		NORM	AN DAL E	DIVIS	ION.	19333		MEET 22		WL	73129100	A
CONDUCTOR	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX	•		ACCESS		ON	ACCESS FIND NO	1	
401						_			1			
	27	20	4	1	TB09	5	41	S102	C1	41	1	
402	27	20	4	-	TB09 C25	5 OME	<del>                                     </del>	S 102	C1 41	41	/3	
	27	20	4		C25	OME	25	J04	41	43	13	
403	+	+	+		-	+-	25	1	1		(E)	
403 404	27	20	4		C25	OME	25	J04	41	43	(i)	
403 404 405	27	20	4		C25	OME	25	J04	41	43	<u>(13)</u>	
403 404 405 406	27	20	4		C25	OME	25	J04	41	43	<u>/3</u>	
403 404 405 406 407	27	20	4		C25	OME	25	J04	41	43		
403 404 405 406 407 408	27	20	4		C25	OME	25	J04	41	43		
403 404 405 406 407 408 409	27	20	4		C25	OME	25	J04	41	43		
403 404 405 406 407 408	27	20	4		C25	OME	25	J04	41	43		
403 404 405 406 407 408 409 410	27	20	4		C25	OME	25	J04	41	43		
403 404 405 406 407 408 409 410 411	27	20	4		C25	OME	25	J04	41	43		
403 404 405 406 407 408 409 410 411	27	20	4		C25	OME	25	J04	41	43		
403 404 405 406 407 408 409 410 411 412 413	27	20	4	2	C25	OME	25	J04	41	43		
403 404 405 406 407 408 409 410 411 412 413 414	27	20	4	2 2 2	C25	OME	25	J04 J04	41	43		
403 404 405 406 407 408 409 410 411 412 413 414 415	27	20	4	+	C25 C125 C125 C21	OME	25 25 18 18	J04 J04	41 42	19		
403 404 405 406 407 408 409 410 411 412 413 414 415 416	27	20	4	2	C25 C125 C21 C22	OME OME OME	25 25 18 18 18	J04 J04 SSW01	41 42 Li Li 1	19 19 19		
403 404 405 406 407 408 409 410 411 412 413 414 415 416 417	27	20	4	2 2	C25 C125 C21 C22 C23	OME OME OME OME OME	25 25 18 18 18 18	J04 J04 SSW01 SSW02 SSW03	41 42 Li Li	19 19 19		

CONTROL O		NORM	ANDALE	DIVIS	1	1933:		HEET 23		WL	731.29100	A
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS	DESTINATIO	2	ACCESS FIND NO.	REMARKS	
421	22	16	4	3	SSW03	LD	19	FL13	COIL	18	Annual Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the	
422	21	20	4	3	SSW04	2	20	FL14	COIL	18		
423												
424												
425												
426												
427	22	16	4	2	C121	OME	18	SSW101	ŗ	19		
428	4	4	4	2	C122	OME	18	SSW102	LI	19		
429				2	C123	OME	18	SSW103	LI	19		
430				2	C124	OME	18	SSW104	1	19		
431	4	-		8	SSW101	LD	19	FL111	COIL	18		
432	1	1	-	8	SSW102	LD	19	FL112	COTL	18		
433	22	16	1	8	SSW103	LD	19	FL113	COIL	18		
434	21	20	4	8	SSW104	2	19	FL114	COIL	18		
435			<u> </u>	ļ		<u> </u>	<u> </u>					
436			<b> </b>			<u> </u>	ļ					
437		<u> </u>	<b> </b>			ļ			<u> </u>			
438		<b> </b>				—	<b>}</b>	<b> </b>	<u> </u>			
439		<b>}</b> -	ļ ——			<del> </del>	ļ	<u> </u>	<u> </u>			
1440	15	16	14	1 6	C32	380	13	1 ×0 €	1.2	14,12	!	
								Lros	11/		pocuusut MO	I asv
CONTROL!		NORM		DIVISI	Te	9333	NT THE	MEET 24		WL	DOCUMENT NO. 773129100	A
1000000	26	MORM GAUGE (REF.)			ON 1	ODE 101	NT THE	MEET 24			73129100	
CONDUCTOR	FIND	GAUGE	ANDALE	DIVISI	ON 1	ODE 101	ACCESS	MEET 24		<b>WL</b> ACCESS	73129100	
CONDUCTOR IDENT.	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	DIVISI LENGTH (APPROX)	ON 1	9333	ACCESS FIND NO	MEET 24	n n	ACCESS FIND NO.	73129100	
CONDUCTOR IDENT.	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	DIVISI LENGTH (APPROX)	ORIGIN K05	9333 L3	ACCESS FIND NO	DESTINATION TB10	10	ACCESS FIND NO.	TET3129100  REMARKS	
CONDUCTOR IDENT.  441  442	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	DIVISI LENGTH (APPROX) 7	ON 1 ORIGIN K05 TB10	9333 L3 9	ACCESS FIND NO 14,12	DESTINATION TB10 FL15	10 OME	ACCESS FIND NO. 13	TEMARKS	
CONDUCTOR IDENT. 441 442 443 444 445	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5	ORIGIN  K05  TB10  C33	L3 9 OME	ACCESS FIND NO 14,12 13	DESTINATION TB 10 FL 15 KO 5	10 OME	ACCESS FIND NO 13 13 14,12	TEMARKS	
CONDUCTOR IDENT. 441 442 443 444 445	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 4 5 7	ORIGIN  K05  TB10  C33  TB10  TB10  C132	L3 9 OME 12 11 OME	ACCESS FIND NO 14,12 13 13 13 13	DESTINATION TB 10 FL 15 K05 K05 FL 16 K105	10 OME L5 L6 OME	ACCESS FIND NO. 13 13 14,12 14,12	REMARKS	
CONDUCTOR IDENT. 441 442 443 444 445 4461	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 7 7 7 7 7 7 7 7 7 8 7	ORIGIN  K05  TB10  C33  TB10  TB10  C132  TB110	DOME 101 9 0ME 12 11 0ME 10	ACCESS FIND NO 14,12 13 13 13 13 13 13 13	DESTINATION TB 10 FL 15 K05 K05 FL 16 K105 K105	10 OME L5 L6 OME L2 L3	ACCESS FIND NO 13 13 14,12 14,12 13 14,12	REMARKS	
CONDUCTOR IDENT. 441 442 443 444 445 4461 447	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 4 5 7 4 4 5 7 4	ORIGIN  K05  TB10  C33  TB10  TB10  C132  TB110  TB110	DOME 100 9 0 ME 12 11 0 ME 10 9	ACCESS FIND NO 14,12 13 13 13 13 13 13	DESTINATION TB10 FL15 K05 K05 FL16 K105 K105 FL115	10 OME L5 L6 OME L2 L3	ACCESS FIND NO 13 13 14,12 14,12 13 14,12 14,12 13	REMARKS	
CONDUCTOR IDENT. 441 442 443 444 445 4461 447 448 449	FIND NO.	GAUGE ( REF.)	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 4 5 7 4 5 5 7 4 5 5 7	ORIGIN  K05  TB10  C33  TB10  TB10  C132  TB110  TB110  C132	9333 9 OME 12 11 OME 10 9 OME	ACCESS FIND NO 14,12 13 13 13 13 13 13 13 13 13 13 13 13 13	DESTINATION TB 10 FL 15 K05 K05 FL 16 K105 K105 FL 115 K105	10 OME L5 L6 OME L2 L3 OME	ACCESS FIND NO. 13 13 14,12 14,12 13 14,12 14,12 13 14,12	REMARKS	
CONDUCTOR IDENT. 441 442 443 444 445 4461 447 448 449	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 4 5 7 4 5 7 7	ORIGIN  K05  TB10  C33  TB10  TB10  C132  TB110  TB110  C132  TB110  TB110  K105	L3   9   OME   12   11   OME   10   9   OME   L6   L6   L6   C   C   C   C   C   C   C   C   C	ACCESS FIND NO 14,12 13 13 13 13 13 13 14,12	DESTINATIO TB 10 FL 15 K05 K05 FL 16 K105 K105 FL 115 K105 TB 110	10 0ME L5 L6 0ME L2 L3 0ME	ACCESS FIND NO. 13 13 14,12 14,12 13 14,12 13 14,12 13	REMARKS	
CONDUCTOR IDENT. 441 442 443 444 445 4461 447 448 449 450	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 4 5 7 4 5 5 7 4 5 5 7	ORIGIN  K05  TB10  C33  TB10  TB10  C132  TB110  TB110  C133  K105  TB110	L3 9 0ME 12 11 0ME 10 9 0ME L6 11	ACCESS FIND NO 14,12 13 13 13 13 13 13 13 13 13 13 13 13 13	DESTINATION TB 10 FL 15 K05 K05 FL 16 K105 K105 FL 115 K105	10 0ME L5 L6 0ME L2 L3 0ME L5 L3	ACCESS FIND NO 13 13 14,12 14,12 13 14,12 13 14,12 13 14,12 13 14,12 13	REMARKS	
CONDUCTOR IDENT. 441 442 443 444 445 4461 447 448 449 450 451	FIND NO. 15	GAUGE (REF.) 16	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 4 5 7 4 5 7 7	ORIGIN  K05  TB10  C33  TB10  TB10  C132  TB110  TB110  C133  K105  TB110  TB110	DME 1949 12 11 10 ME 10 10 ME 14 11 14 14 14 14 14 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	ACCESS FIND NO 14,12 13 13 13 13 13 13 14,12 13 6	DESTINATIO TB 10 FL 15 K05 K05 FL 16 K105 K105 FL 115 K105 TB 110	10 OME L5 L6 OME L2 L3 OME L5 L5 CME CME L5 CME CME CMME CMME CMM CMM CMM CMM CMM C	ACCESS FIND NO. 13 14,12 14,12 13 14,12 14,12 13 14,12 13 14,12	REMARKS	
CONDUCTOR IDENT. 441 442 443 444 445 4461 447 448 449 450 451 452 453	FIND NO.	GAUGE (REF.) 16	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 4 5 7 4 5 7 7	ORIGIN  K05  TB10  C33  TB10  TB10  C132  TB110  TB110  C133  K105  TB110	L3 9 0ME 12 11 0ME 10 9 0ME L6 11	ACCESS FIND NO 14,12 13 13 13 13 13 13 13 13 13 13 13 13 13	DESTINATIO TB 10 FL 15 K05 K05 FL 16 K105 K105 FL 115 K105 TB 110	10 0ME L5 L6 0ME L2 L3 0ME L5 L3	ACCESS FIND NO. 13 14,12 14,12 13 14,12 13 14,12 13 14,12 13	REMARKS	
CONDUCTOR IDENT.  441  442  443  444  445  4461  447  448  449  450  451  452  453	FIND NO. 15	GAUGE (REF.) 16	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 4 5 7 4 5 7 7	ORIGIN  K05  TB10  C33  TB10  TB10  C132  TB110  TB110  C133  K105  TB110  TB110	DME 1949 12 11 10 ME 10 10 ME 14 11 14 14 14 14 14 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	ACCESS FIND NO 14,12 13 13 13 13 13 13 14,12 13 6	DESTINATIO TB 10 FL 15 K05 K05 FL 16 K105 K105 FL 115 K105 TB 110	10 OME L5 L6 OME L2 L3 OME L5 L5 CME CME L5 CME CME CMME CMME CMM CMM CMM CMM CMM C	ACCESS FIND NO. 13 14,12 14,12 13 14,12 14,12 13 14,12 13 14,12	REMARKS	
CONDUCTOR IDENT. 441 442 443 444 445 4461 447 448 449 450 451 452 453 454	FIND NO. 15	GAUGE (REF.) 16 4 16 20 20	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 4 5 7 4 5 7 4 5 7 4	ORIGIN  K05  TB10  C33  TB10  TB10  C132  TB110  TB110  C133  K105  TB110  TB110  TB110  TB110	L3 9 0ME 12 11 0ME 10 9 0ME L6 11 4	ACCESS FIND NO 14,12 13 13 13 13 13 14,12 13 6 6	DESTINATION TB 10 FL 15 K05 K05 FL 16 K105 K105 FL 115 K105 TB 110 FL 116	10 0ME L5 L6 0ME L2 L3 0ME L5 L2 L3 0ME GRD GRD	ML ACCESS FIND NO 13 13 14,12 14,12 13 14,12 14,12 13 14,12 13 14,12 13 8 8	REMARKS	
CONDUCTOR IDENT.  441  442  443  444  445  4461  447  448  449  450  451  452  453  454  455	FIND NO. 15	GAUGE (REF.) 16	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 4 5 7 4 5 7 4 5 4 5 4 5 4 5 4 5	ORIGIN  K05  TB10  C33  TB10  TB10  C132  TB110  TB110  C133  K105  TB10  TB10  TB10  TB10  TB10	DME 1949 12 11 10 0ME 12 10 0ME 16 11 4 4 4	ACCESS FIND NO 14,12 13 13 13 13 13 14,12 13 6 6 6 71	DESTINATIO TB 10 FL 15 K05 K05 FL 16 K105 K105 FL 115 K105 TB 110 FL 116 K01	10 OME L5 L6 OME L2 L3 OME L5 L5 GRD GRD L2	ML ACCESS FIND NO 13 13 14,12 14,12 13 14,12 14,12 13 14,12 13 14,16 13 14,17 13 14,17 13 14,17 13 14,17 13 14,17 13 14,17 15 16 17 18 18	REMARKS	
CONDUCTOR IDENT.  441  442  443  444  445  4461  447  448  449  450  451  452  453  454  455  456	FIND NO. 15	GAUGE (REF.) 16 4 16 20 20	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 4 5 7 4 5 7 4 4 4 4	ORIGIN  K05  TB10  C33  TB10  TB10  C132  TB110  TB110  C133  K105  TB110  TB110  TB110  TB110  TB110  TB110	DME 1949 12 11 OME 10 OME 10 OME 14 4 4 2 2	ACCESS FIND NO 14,12 13 13 13 13 13 14,12 13 6 6	DESTINATIO TB 10 FL 15 K05 K05 FL 16 K105 FL 115 K105 TB 110 FL 116 K01 K01	10 0ME L5 L6 0ME L2 L3 0ME L5 12 0ME GRD GRD	ML ACCESS FIND NO 13 13 14,12 14,12 13 14,12 14,12 13 14,12 13 14,12 13 8 8	REMARKS	
CONDUCTOR IDENT.  441  442  443  444  445  4461  447  448  449  450  451  452  453  454  455  456  457	FIND NO. 15	GAUGE (REF.) 16 4 16 20 20	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 4 5 7 4 5 7 4 4 4 4 4	ORIGIN  K05  TB10  C33  TB10  TB10  C132  TB110  TB110  C133  K105  TB110  TB110  TB110  TB110  TB110  TB110	DME 104 9333 9 0ME 12 11 0ME 10 9 0ME L6 11 4 4 4 2 4 4	ACCESS FIND NO 14,12 13 13 13 13 13 14,12 13 6 6 6 71	DESTINATION TB10 FL15 K05 K05 FL16 K105 K105 FL115 K105 TB110 FL116 K01 K01 K01 K01	10 0ME L5 L6 0ME L2 L3 0ME GRD GRD	ML ACCESS FIND NO 13 13 14,12 14,12 13 14,12 14,12 13 14,12 13 14,16 13 14,17 13 14,17 13 14,17 13 14,17 13 14,17 13 14,17 15 16 17 18 18	REMARKS	
CONDUCTOR IDENT.  441  442  443  444  445  4461  447  448  449  450  451  452  453  454  455  456	FIND NO. 15	GAUGE (REF.) 16 4 16 20 20	COLOR (REF.)	DIVISI LENGTH (APPROX) 7 4 5 7 4 5 7 4 5 7 4 4 4 4	ORIGIN  K05  TB10  C33  TB10  TB10  C132  TB110  TB110  C133  K105  TB110  TB110  TB110  TB110  TB110  TB110	DME 1949 12 11 OME 10 OME 10 OME 14 4 4 2 2	ACCESS FIND NO 14,12 13 13 13 13 13 14,12 13 6 6 6 71	DESTINATIO TB 10 FL 15 K05 K05 FL 16 K105 FL 115 K105 TB 110 FL 116 K01 K01	10 0ME L5 L6 0ME L2 L3 0ME L5 12 0ME GRD GRD	ML ACCESS FIND NO 13 13 14,12 14,12 13 14,12 14,12 13 14,12 13 14,16 13 14,17 13 14,17 13 14,17 13 14,17 13 14,17 13 14,17 15 16 17 18 18	REMARKS	

CONTROL		MORMA	NDALE	DIVISI	1	333		IEET 25		WL	DOCUMENT NO. 73129100	MEV A
CONDUCTOR IDENT.	FIND NO.	GAUGE { REF.}	COLOR (REF.)	LENGTH (APPROX)	ORIGIN		ACCESS FIND NO.	DESTINATION	,	ACCESS FIND NO.	REMARKS	
461	75	20	4	5	TB 115	1	71	FL117	OME	76		
465										<del>"</del>	· · · · · · · · · · · · · · · · · · ·	
463												
464												
465	13	16	4	3.5	K02-1	GND	213	GND		. 🔿		
466	1	4	4	4	K05-7	GND	213	GND		2 4		
467				4.5	K05-3	GND	513	GND		2)4 (3)4		
468				5	K02-4	GND	213	GND		3		
469				b.5	K705-7	GND	213	GND		(I)		
470				7	K705-5	GND	213	GND		(Z)		
473				7.5	K705-3	GND	213	GND		(1)		
472				В	K).02-4	GND	2.3	GND		(2)		
473	$\sqcup$			3	TRL3	5		GND		(3)		
474		oxdot		5	TBLE			FLZD	ME			
475			$oxed{oxed}$	5	TBL3	2		FL18	ME			
476		$\sqcup$		5	TRL3	3		FLLLA	ME			
477				5	TB1.3	u_		ET750	ME			
478			Ц_	3	FL20	OME		KU5-1	IN	2,3		
479	<u> </u>			Ь	FL120	OME		K705-7	TM	5.3		
480	13											
		36	<u> </u>	4.5	FL16	OME		K05-3	IN	2-3		
CONTROLED	AŢA			14-5		90E 10E	NT S	HEEL SP K05-3	IN	213 WL	DOCUMENT NO. 73129100	REV A
CONTROLLD	AŢA					ODE IDE	ACCESS FIND NO.					
CONTROLED  CONDUCTOR	ATA OS.	NORMAN GAUGE	DALE I	IVISIO	N 3	ODE IDE	ACCESS	HEET 26		WL ACCESS	73129100	
CONTROL O	ATA FIND NO.	NORMAN GAUGE (REF.)	DALE I	LENGTH (APPROX)	ORIGIN	00€ 10€ 1333	ACCESS	MEET 26 DESTINATIO	N I	WL ACCESS FIND NO.	73129100	
CONTROLO  delication  conductor  ident.  481	ATA FIND NO.	NORMAN GAUGE (REF.)	DALE I	LENGTH (APPROX)	ORIGIN	ODE IDE	ACCESS	MEET 2L  DESTINATION	IN IN	ACCESS FIND NO.	73129100	
CONTROLLO  delication  conductor  ident.  481	ATA FIND NO.	NORMAN GAUGE (REF.)	DALE I	LENGTH (APPROX)	ORIGIN FL118 TB13	ODE 10E	ACCESS	DESTINATION K102-3 C804	IN B	ACCESS FIND NO. 2-3 5 (12)	73129100	
CONTROLLO  GEOMETRIC  CONDUCTOR  IDENT.  481  482	ATA FIND NO.	NORMAN GAUGE (REF.)	DALE I	LENGTH (APPROX) 7.5 24	ORIGIN FL118 TB13	ODE DE	ACCESS	DESTINATION  K102-3  C804	IN B	ACCESS FIND NO. 2-3 5 (12)	73129100	
CONTROLO  CONDUCTOR IDENT.  481  482  483	ATA FIND NO.	NORMAN GAUGE (REF.)	DALE I	LENGTH (APPROX) 7-5 24 24	ORIGIN FL118 TB13 TB13 FL119	ODE DEE	ACCESS	DESTINATION K102-3 C804 C804	IN B	ACCESS FIND NO. 2-3 5 (12) (12)	73129100	
CONTROLO CONDUCTOR IDENT. 483 483 484	ATA FIND NO.	NORMAN GAUGE (REF.)	DALE I	IVISIO  LENGTH (APPROX)  7-5 24 24 24	ORIGIN  FL118  TB13  TB13  FL19  TB13	ODE 80E	ACCESS	DESTINATION  K102-3  C804  C804  C804  C805	IN B B B B B	ACCESS FIND NO. 2.3 5 (12) (12) (12) 5 (13)	73129100	
CONTROLO  CONDUCTOR  IDENT.  481  482  483  484  485	ATA ATA ON GINE ON EL	NORMAN GAUGE (REF.)	COLOR (REF.)	IVISIO  LENGTH (APPROX)  7.5  24  24  24	ORIGIN  FL118  TB13  TB13  FL19  TB13	ODE IDE 1333	ACCESS	DESTINATION  K102-3  C804  C804  C805	IN B B B B B	ACCESS FIND NO. 2-3 5 (12) (12) 5 (13)	73129100	
CONTROLO  CONDUCTOR IDENT.  481  482  484  485  487	ATA ATA ON GINE ON EL	NORMAN GAUGE (REF.)	COLOR (REF.)	IVISIO  LENGTH (APPROX)  7.5  24  24  24	ORIGIN  FL118  TB13  TB13  FL19  TB13  TB13  FL19  TB13	ODE IDE 1333	ACCESS	DESTINATION  K102-3  C804  C804  C805	IN B B B B B	ACCESS FIND NO. 2-3 5 (12) (12) 5 (13)	73129100	
CONDUCTOR IDENT.  483  483  485  485	ATA ATA ON GINE ON EL	NORMAN GAUGE (REF.)	COLOR (REF.)	IVISIO  LENGTH (APPROX)  7.5  24  24  24	ORIGIN  FL118  TB13  TB13  FL19  TB13	ODE IDE 1333	ACCESS	DESTINATION  K102-3  C804  C804  C805	IN B B B B B	ACCESS FIND NO. 2-3 5 (12) (12) 5 (13)	73129100	
CONTROLO CONDUCTOR IDENT.  482  483  484  485  486  487  488	ATA ATA ON GINE ON EL	NORMAN GAUGE (REF.)	COLOR (REF.)	IVISIO  LENGTH (APPROX)  7.5  24  24  24	ORIGIN  FL118  TB13  TB13  FL19  TB13  TB13  FL19  TB13	ODE IDE 1333	ACCESS FIND NO.	DESTINATION  K102-3  C804  C804  C804  C805  C805	IN B B B B B B	WL  ACCESS FIND NO.  2.3  5 (12) (12) (12) (13)	73129100  REMARKS	
CONTROLO  CONDUCTOR IDENT.  481  482  483  484  485  487  488	ATA ATA ON GINE ON EL	NORMAN GAUGE (REF.)	COLOR (REF.)	24 24 24 24 24 24	ORIGIN  FL118  TB13  FL19  TB13  FL19  TB13  FL119	ONE DE LA LA LA LA LA LA LA LA LA LA LA LA LA	ACCESS FIND NO.	DESTINATION  K102-3  C804  C804  C805  C805  C805	IN B B B B B B	ML ACCESS FIND NO. 2.3 5 (12) (12) (12) 5 (13) (13)	73129100  REMARKS	
CONTROLO  CONDUCTOR IDENT.  483  484  485  485  486  487  488	FIND NO.	NORMAN GAUGE (REF.)	COLOR (REF.)	PIVISION LENGTH (APPROX)  7.5  24  24  24  24  24	ORIGIN  FL118  TB13  FL19  TB13  FL19  K02-1  K02-2	ONE IDE	ACCESS FIND NO.	DESTINATION  K102-3  C804  C804  C805  C805  C805  C805	IN B B B B B COIL T	## ACCESS FIND NO. 2.3 5 (12) (12) 5 (13) (13) 20.22 20.22	73129100  REMARKS	
CONTROLO  481  482  483  484  485  486  487  488  489  489	FIND NO.	NORMAN GAUGE (REF.)	COLOR (REF.)	IVISIO	ORIGIN  FL118  TB13  FL19  TB13  FL19  TB13  FL19  K02-1  K02-2	OME 1 1 4 ME 2 3 ME COIL T COIL T	ACCESS FIND NO.	DESTINATION  K102-3  C804  C804  C805  C805  C805  K02-2  K02-3  K02-4	IN B B B B COIL T COIL T	# ACCESS FIND NO. 2.3 5 (2) (12) (12) 5 (3) (13) 20.22 20.22	73129100  REMARKS	
CONTROLO  CONDUCTOR IDENT.  483  484  485  485  487  488  489  4910  491	FIND NO.	NORMAN GAUGE (REF.)	COLOR (REF.)	24 24 24 24 24 24 24 24 24 24 24 24 24 2	ORIGIN  FL118  TB13  FL19  TB13  FL19  TB13  FL119  K02-1  K02-2  K02-3	OME  1  1  4  ME  2  3  ME  COIL T  COIL T	17 (4)	DESTINATION  K102-3  C804  C804  C805  C805  C805  K02-2  K02-3  K02-4  K102-2	IN B B B B COIL T COIL T COIL T	## ACCESS FIND NO. 2-3  5 (12) (12) (13) (13)	73129100  REMARKS	
CONTROL ()  400-000-000  CONDUCTOR IDENT.  481  482  483  484  485  486  487  488  489  491  491  492  493	FIND NO.	NORMAN GAUGE (REF.)	COLOR (REF.)	24 24 24 24 24 24 24 24 24 24 24 24 24 2	ORIGIN  FL118  TB13  FL19  TB13  FL19  K02-1  K02-2  K02-3  K102-2	OME  1  4  ME  2  3  ME  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL	ACCESS FIND NO.  1.7  (4) (5) 1.7	DESTINATION  K102-3  C804  C804  C804  C805  C805  C805  K02-2  K02-3  K02-4  K102-3	IN B B B B COIL T COIL T COIL T COIL T	## ACCESS FIND NO. 2.3 5 (12) (12) 5 (13) (13)	73129100  REMARKS  (4) (4) (5) (5)	
CONTROLO  481  482  483  484  485  486  487  488  487  488  487  488  487  488  487  488	FIND NO.	NORMAN GAUGE (REF.)	COLOR (REF.)	24 24 24 24 24 24 24 24 24 24 24 24 24 2	ORIGIN  FL118  TB13  TB13  FL19  TB13  FL119  K02-1  K02-2  K02-3  K102-1  K102-2  K102-3	OME 1 1 4 ME 2 3 ME COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T C COIL T C C C C C C C C C C C C C C C C C C	ACCESS FIND NO.  1.7  (1)  (5)  1.7  (L)  (2)	DESTINATION  K102-3  C804  C804  C805  C805  C805  K02-2  K02-3  K02-4  K102-3  K102-4	IN B B B B COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL T C C C C C C C C C C C C C C C C C C	# ACCESS FIND NO. 2.3 5 12 (12) (12) 5 (3) (13) 20.22 20.22 20.22 20.22 20.22	73129100  REMARKS  (4) (4) (5) (7)	
CONTROL ()  400-000-000  CONDUCTOR IDENT.  481  482  483  484  485  486  487  488  489  491  491  492  493	FIND NO.	NORMAN GAUGE (REF.)	COLOR (REF.)	24 24 24 24 24 24 24 24 24 24 24 24 24 2	ORIGIN  FL118  TB13  FL19  TB13  FL19  K02-1  K02-2  K02-3  K102-2	OME  1  1  4  ME  2  3  ME  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  COIL  T  C  COIL  T  C  C  C  C  C  C	17 (4) (5) 17 (b)	DESTINATION  K102-3  C804  C804  C804  C805  C805  C805  K02-2  K02-3  K02-4  K102-3	IN B B B B COIL T COIL T COIL T COIL T COIL T COIL T COIL T COIL	## ACCESS FIND NO. 2.3 5 (12) (12) 5 (13) (13) 20.22 20.22 20.22 20.22 20.22 20.22	73129100  REMARKS  (L) (S) (L) (7)	

CONTROLLD		HORMAN	DALE D	IVIZION	ı	19333	MT S	HEET 27		WL	DOCUMEN 731	t no. 291 <b>00</b>	REV A
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)		LENGTH (APPROX)	ORIG	in	ACCESS	DESTINATIO	N	ACCESS FIND NO.		REMARKS	
501	13	16	4	5	K705-7	COIL	15,22	K705-5	COIL	50,55	(D)	/i5\	
	13	16	4	5	K305-5	COIL	<b>(1</b> 0)	K705-3	COIL	50,55	(1)	15	
	13	36	ч	5	K705-3	COIL	(i)	K102-4	COIL	17	2.5	13	
504			·				-63	NJUL 1		F -		/25\	
<b>\$</b> 05											<b> </b>		
SOL								1					
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519	<del>                                     </del>		<del>                                     </del>			1	i	<u> </u>	<b>†</b>		<u> </u>		
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CONTROLL		NORTIA	MDALE	DIVISIO	N	CODE 101 1933	13 I	HEET 26	<u> </u>	WL		T NO. 129100	Mey.
CONTROL	ਗੁੱਖ∾	NORMA GAUGE (REF.)	COLOR	DIVISION LENGTH	ON ORIC	1933	ACCESS FIND NO		N	WL ACCESS FIND NO.	731		
CONTROLL	FIND	GAUGE	COLOR	LENGTH		1933	ACCESS			ACCESS	731	129100	
CONTROLL CONDUCTOR IDENT.	FIND	GAUGE	COLOR	LENGTH		1933	ACCESS			ACCESS	731	129100	
CONTROL CONDUCTOR IDENT. 521	FIND	GAUGE	COLOR	LENGTH		1933	ACCESS			ACCESS	731	129100	
CONTROL  CONDUCTOR  IDENT.  521  522	FIND	GAUGE	COLOR	LENGTH		1933	ACCESS			ACCESS	731	129100	
CONTROL  CONDUCTOR IDENT.  521  \$22  \$23	FIND	GAUGE	COLOR	LENGTH		1933	ACCESS			ACCESS	731	129100	
CONTROL  CONDUCTOR IDENT.  S21  S22  S23  S24	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIC	1933 SIN	ACCESS FIND NO	DESTINATIO	N	ACCESS FIND NO.	731	129100	
CONTROL  CONDUCTOR IDENT.  521  522  523  524  525	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIC	1933 GIN	ACCESS FIND NO	LOWZZ	1	ACCESS FIND NO.	731	129100	
CONTROL  CONDUCTOR IDENT.  521  522  523  524  525  526	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIC	1933	ACCESS FIND NO	COMD2	1 3	ACCESS FIND NO.	731	129100	
CONTROL  CONDUCTOR IDENT.  \$21  \$22  \$23  \$24  \$25  \$25  \$25	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIC	1933 SIN	ACCESS FIND NO	72M27 70M27 70M22	1 3 2	ACCESS FIND NO.	731	129100	
CONTROL  CONDUCTOR IDENT.  521  522  523  524  525  526  527	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)	ORIC	1733	ACCESS FIND NO	20055 70075 70055 70055 70055	1 3 2	ACCESS FIND NO.	731	129100	
CONTROL  CONDUCTOR IDENT.  \$21  \$22  \$23  \$24  \$25  \$25  \$26  \$27  \$28  \$29  \$30	FIND NO.	GAUGE (REF.)	COLOR (REF.)	15 15 15 14 14	ORIC	1733 SIN 1 2 3 4 5	ACCESS FIND NO	20M25 20M25 70M25 70M25 70M25 70M25	1 3 2 1 3	ACCESS FIND NO.	731	129100	
CONTROL  CONDUCTOR IDENT.  521  522  523  524  525  526  527  528	FIND NO.	GAUGE (REF.)	COLOR (REF.)	15 15 15	ORIC	1933 SIN 1 2 3 4	ACCESS FIND NO	20055 70075 70055 70055 70055	1 3 2 1	ACCESS FIND NO.	731	129100	
CONTROL  CONDUCTOR IDENT.  \$21  \$22  \$23  \$24  \$25  \$25  \$26  \$27  \$28  \$29  \$30  \$31	FIND NO.	GAUGE (REF.)	COLOR (REF.)	LENGTH (APPROX)  15 15 15 14 14 14	ORIC	1933 SIN	ACCESS FIND NO	20022 20022 20022 20022 70022 70022	1 3 2 1 3	ACCESS FIND NO.	731	129100	
CONTROL  CONDUCTOR IDENT.  521  522  523  524  525  526  527  528  529  530  531  532	FIND NO.	GAUGE (REF.)	COLOR (REF.)	15 15 15 14 14 14	ORIC	1733 SIN	ACCESS FIND NO	COM25 COM25 COM25 COM25 COM25 COM25 COM25 COM25 COM25 COM25 COM25	1 3 2 1 3	ACCESS FIND NO.	731	129100	
CONTROL  CONDUCTOR IDENT.  521  522  523  524  525  526  527  526  527  526  529  530  531  532	FIND NO.	GAUGE (REF.)	COLOR (REF.)	15 15 15 14 14 10	ORIC	1933 SIN 1 2 3 4 5 6 7 8	ACCESS FIND NO	COM22 COM22 COM22 COM22 COM22 COM22 COM22 COM22 COM22 COM22 COM22	3 2 1 3 2 1 3 3 2 2 1 3 3 2 2 1 3 3 2 2 1 3 3 2 2 1 3 3 2 2 1 3 3 2 2 1 3 3 2 2 1 3 3 2 2 1 3 3 2 2 1 3 3 2 2 1 3 3 2 2 1 3 3 3 2 2 1 3 3 3 2 2 1 3 3 3 2 2 1 3 3 3 2 2 1 3 3 3 2 3 3 3 2 3 3 3 3	ACCESS FIND NO.	731	129100	
CONTROL  CONDUCTOR IDENT.  \$21  \$22  \$23  \$24  \$25  \$26  \$27  \$26  \$27  \$28  \$31  \$31  \$32  \$33	FIND NO.	GAUGE (REF.)	COLOR (REF.)	15 15 15 14 14 10 10	PD7	1733 SIN	ACCESS FIND NO	CONTAMITES OF LOW 22  LOW 22  LOW 22  LOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22  SOW 22	1 3 2 1 3 2 5 5	ACCESS FIND NO.	731	129100	
CONTROL  CONDUCTOR IDENT.  521  522  523  524  525  526  527  526  527  528  530  531  532  532  534	FIND NO.	GAUGE (REF.)	COLOR (REF.)	15 15 15 14 14 10 10	PD7	1733 SIN	ACCESS FIND NO	TOTANISSO  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22	1 3 c 1 3 c 1 5 L	ACCESS FIND NO.	731	129100	
CONTROL  CONDUCTOR IDENT.  S21  S22  S23  S24  S25  S26  S27  S26  S27  S26  S27  S28  S29  S29  S29  S29  S29  S20  S21  S21  S25  S27  S26  S27  S26  S27  S26  S27  S26  S27  S26  S27  S26  S27  S26  S27  S26  S27  S26  S27  S26  S27  S26  S27  S26  S27  S26  S27  S26  S27  S28  S31  S32  S33  S34  S35  S35	FIND NO.	GAUGE (REF.)	COLOR (REF.)	15 15 15 15 14 14 10 10 10	PD7	1933 SIN	ACCESS FIND NO	TOTM25 TOTM25 TOTM25 TOTM25 TOTM25 TOM25 TOM25 TOM25 TOM25 TOM25 TOM25 TOM25 TOM25 TOM25	1 3 2 1 3 2 5 6 1	ACCESS FIND NO.	731	129100	
CONTROL  CONDUCTOR IDENT.  521  522  523  524  525  526  527  526  529  530  531  532  532  534  535  534  535	FIND NO.	GAUGE (REF.)	COLOR (REF.)	15 15 15 15 14 14 10 10 10	PD7	1933 SIN	ACCESS FIND NO	TOTANISSO  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22  TOP 22	1 3 2 1 3 2 2 5 L 1 3 3	ACCESS FIND NO.	731	129100	

CONTRÔLO		NOR	MANDAL	E DIVIS	ION	19333		HEET 29 OF 2	٦	WL	DOCUMENT NO. 73129100	REV.
CONDUCTOR IDENT.	FIND NO.	GAUGE (REF.)	•	LENGTH (APPROX)	ORIG	in	ACCESS FIND NO.	DESTINATIO	ν .	ACCESS FIND NO		
541	1.	So	4	1,4	P107	L	3	22MJ05	5	ş		
542	1	4	1	70	4	7	1	22MJ03	1	1		
543				10		8		22MT03	3			
544				70		٩		ZZM703	5			
545	Y	1		ь	1	10	Y	TBll	5			
546	i	50	4	6	P1.07	75	3	TBll	7	5		
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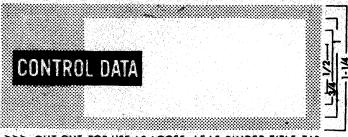


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