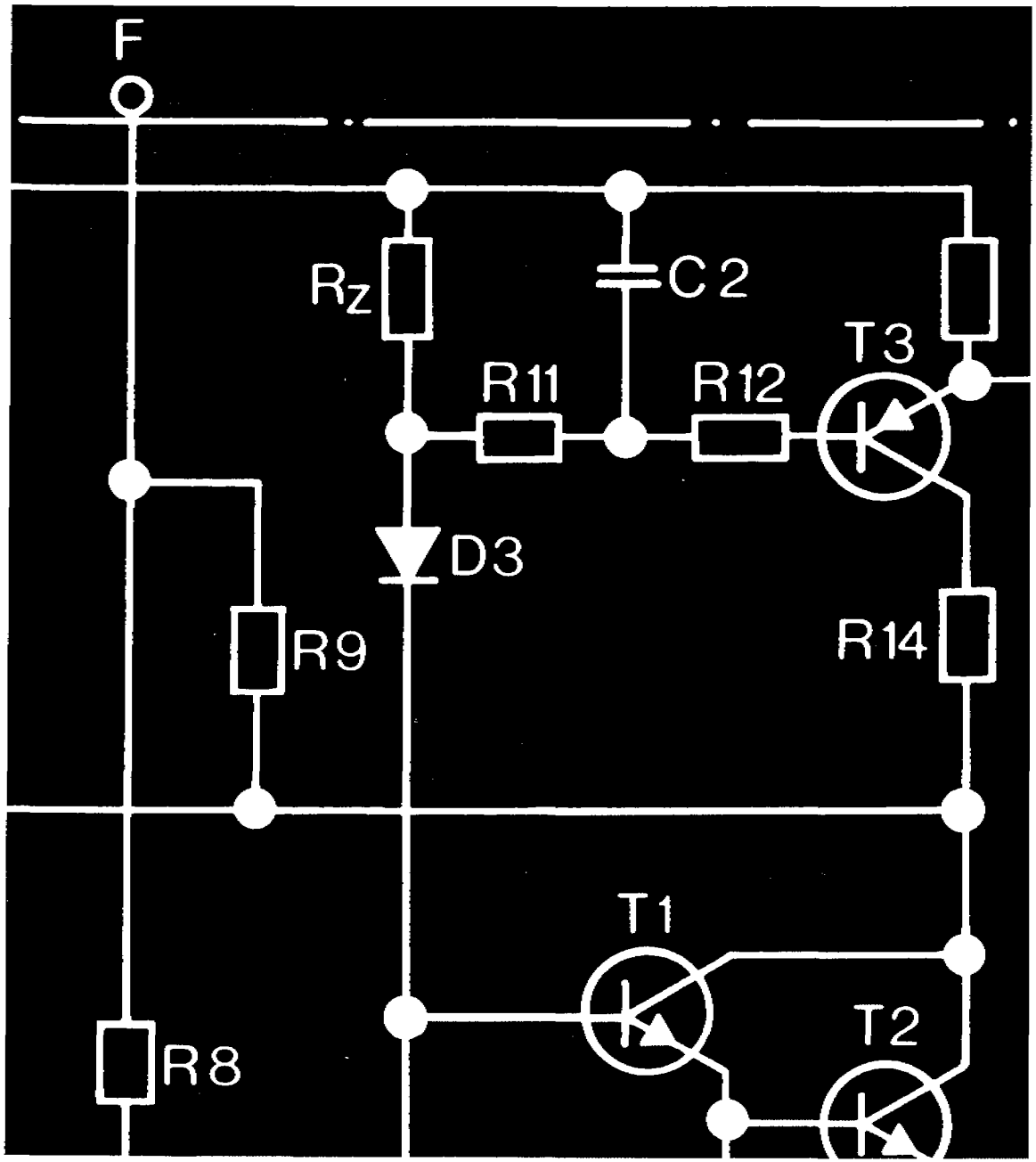


1990
BMW 525i/535i/M5 (E34)
Electrical
Troubleshooting
Manual
Vehicles Produced 09/89 to 08/90

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Schematics

The schematics divide the entire vehicle electrical system into individual circuits, interacting electrical components are shown on one common schematic.

Switches and other components are represented in such a way that their general layout and function are self-explicit. They are arranged on the sheet such that the current path can be followed from positive (top) to negative (bottom).

Important: The components and wires are not drawn to scale. For instance, a lead with a length of over 1m can be shown as a lead which is only a few cm long. To ensure clear arrangement, all connectors, line branches and connected components from the fuses to the component and from the component to ground connection are not shown within the individual cells. If required, reference can be made to the cells 0670.3 Fuse Details and 0670.4 Ground Distribution where all lines are illustrated with all plug connections, line branches and connected components.

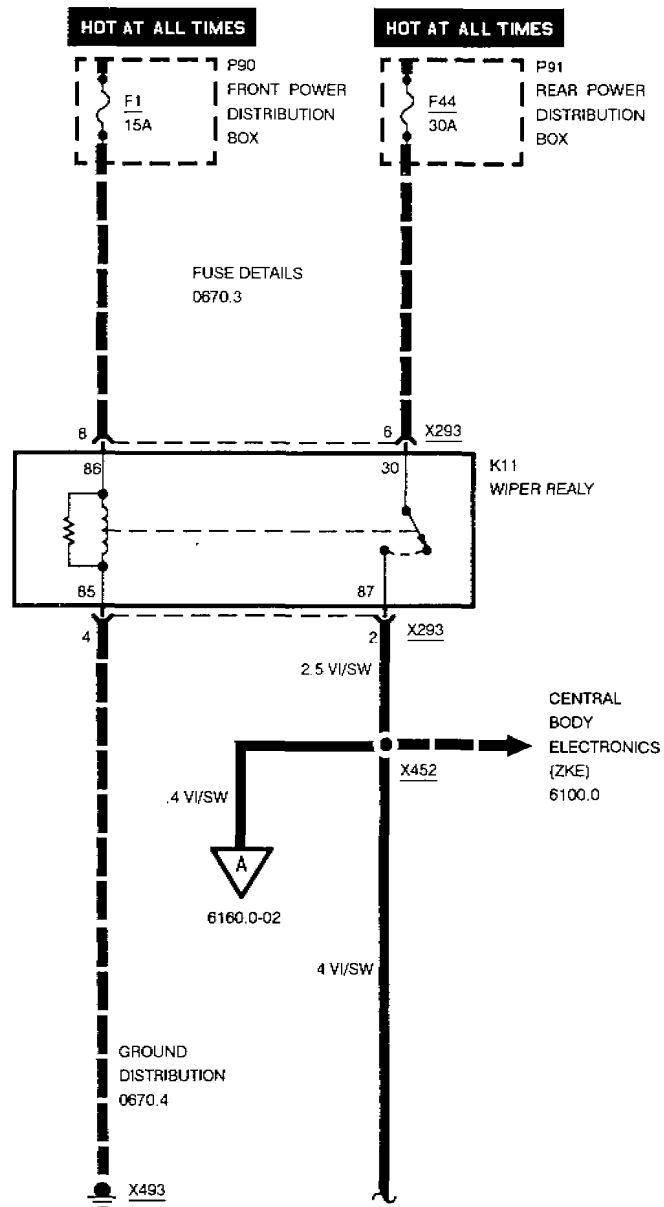
All circuit symbols used are listed and explained in the **0140.0 Symbols**.

In cell **7000.0 Component Location Chart** all important connectors, ground points and components are listed in tabular form. It provides a precise description of the component locations in the vehicle.

In cell **7100.0 Component Location Views** the locations of the connectors and components which are difficult to lacate are shown in photographs. **–This cell is not included in the first issue and will be supplied as a supplement.–** In cell **8400.0 Connector Views Chart**, all connectors with more than 2 pins are listed in tabular form. This chart references the page and figure in cell 8500.0 where a view of the connector can be found. In cell **8500.0 Connector Views** diagrams of all connectors with more than 2 pins are illustrated.

Example

General conventions can be explained based on the following schematic example.



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General Conventions

1. Switches and relays are always shown in rest position (e.g. K11).

2. A component shown in a dashed frame signifies that the component is illustrated only in part (e.g. P90 and P91).

3. A component shown in a completely drawn frame signifies that the component is illustrated in full (e.g. K11).

4. The dashed line between pin 8 and pin 6 of connector X293 indicates that both pins belong connector X293.

5. The dashed line from fuse 1 to pin 8 of the connector X293 shows the positive supply of the relay K11. If required, refer to cell 0670.3 Fuse Details at fuse F1 for the complete line progression with a plug connections, line branches, wire colors and cross sections.

6. The dashed line with arrow at connector X452 indicates that several wires lead to connector X452. All lines leading to the connection are illustrated in cell 6100.0 Central Body Electronics (ZKE). An interrupted line with arrow indicates that only this one wire leads to another circuit.

7. The dashed line from pin 4 of connector X293 to ground X493 shows the ground supply for relay K11. If required, refer to cell 0670.4 Ground Distribution at ground X493 for the complete line progression with all plug connections, line branches, wire colors and cross sections.

8. The interrupted line from connector X452 with an A in the open arrow is continued on Page 6160.0-02. Termination of the wire 4 VI/SW from connector X452 with a wavy line indicates that the wire is continued on the opposite page.

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SYSTEMATIC TROUBLESHOOTING

TROUBLESHOOTING PROCEDURES

Diagnostic procedures for many of the circuits in this manual are included with the schematics. These procedures are based on a logical problem-solving method. The steps listed below are provided for those circuits that do not include diagnostic procedures. Following these steps will enable you to make a quick diagnosis of the problem.

1. **Verify the Problem**

   Operate the problem circuit to check the accuracy of the complaint. Note the symptoms of the inoperative circuit.

2. **Analyze the Problem**

   Refer to the schematic of the problem circuit in the ETM. Determine how the circuit is supposed to work by tracing the current path(s) from the power feed through the circuit components to ground. Then, based on the symptoms you noted in step 1 and your understanding of circuit operation, identify one or more causes of the problem.

3. **Isolate the Problem**

   Make circuit tests to prove or disprove the preliminary diagnosis made in step 2. Keep in mind that a logical, simple procedure is the key to efficient troubleshooting. Test for the most likely cause of failure first. Try to make tests at points which are easily accessible.

4. **Repair the Problem**

   Once the specific problem is identified, make the repair using the proper tools and safe procedures.

5. **Check the Problem**

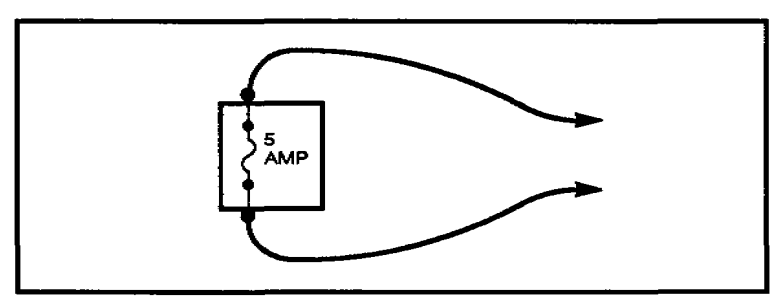
   Operate the circuit to check for satisfactory circuit operation. Good repair practice calls for rechecking all circuits you have worked on.

TROUBLESHOOTING TOOLS

Isolating the problem (Step 3 of TROUBLESHOOTING PROCEDURES) requires the use of a voltmeter and/or ohmmeter. A voltmeter measures voltage at selected points in a circuit. An ohmmeter measures a circuit's resistance to current flow. It has an internal battery that provides current to the circuit under test. Disconnect the car battery when using an ohmmeter because the battery voltage will cause the ohmmeter to give false readings. Also, do not use an ohmmeter on solid-state components. The voltage that the ohmmeter applies to the circuit could damage these components.

Fused Jumper Wire

A jumper wire is made up of an in-line fuse holder connected to a set of test leads. It should have a five ampere fuse. Use it for bypassing open circuits. Never use a jumper wire across any load (motors, etc.). This direct battery short will blow the fuse.



Fused Jumper Wire

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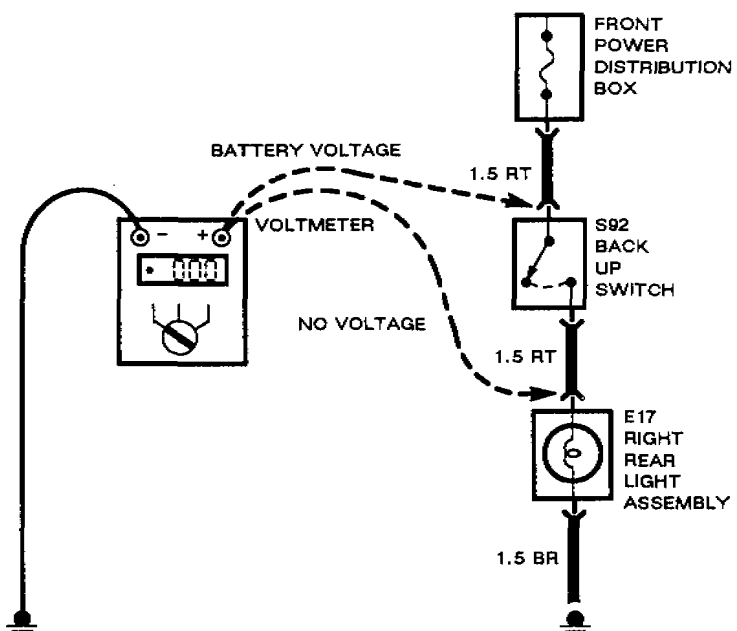
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TROUBLESHOOTING TESTS

Voltage Test

This test measures voltage in a circuit. By taking measurements at several points (terminals or connectors) along the circuit, you can isolate the problem.

To take a voltage measurement, connect the negative lead of the voltmeter to the battery's negative terminal or other known good ground. Then connect the positive lead of the voltmeter to the point you want to test. The voltmeter will measure the voltage present at that point in the circuit.

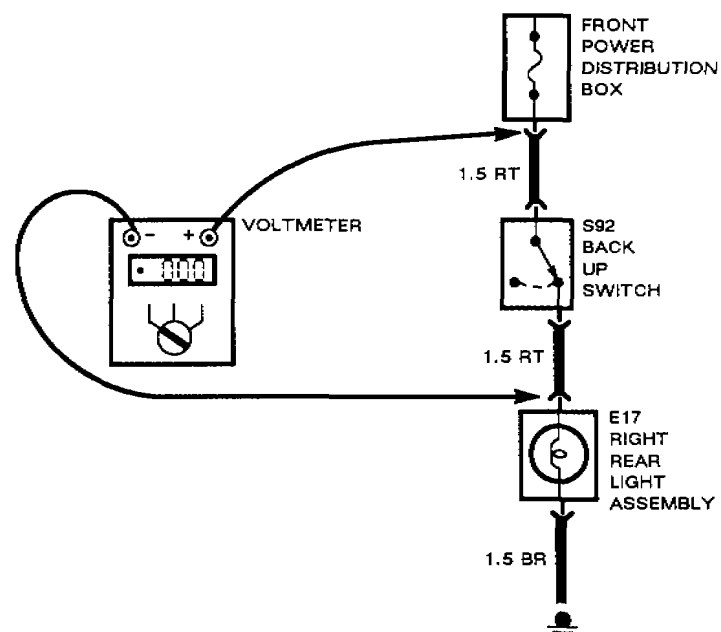


Voltage Test

Voltage Drop Test

Wires, connectors and switches are designed to conduct current with a minimum loss of voltage. A voltage drop of more than one volt indicates a problem.

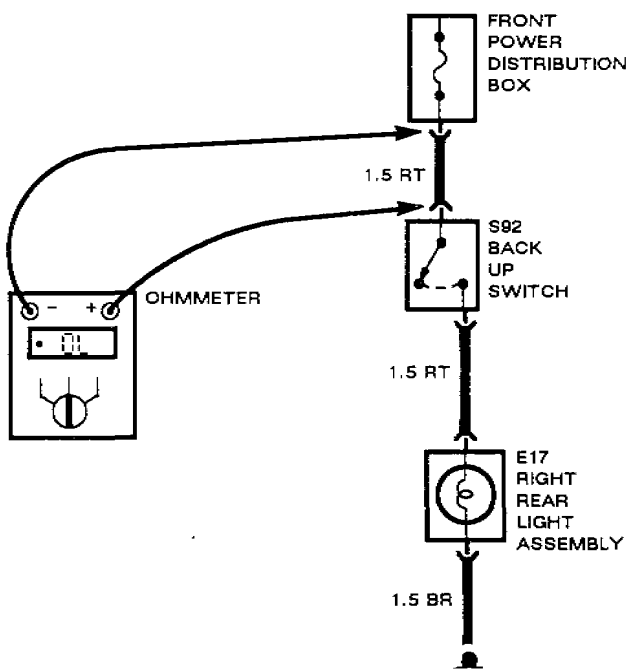
To test for voltage drop, connect the voltmeter leads to connectors at either end of the circuit's suspected problem area. The positive lead should be connected to the connector closest to the power source. The voltmeter will show the voltage drop between these two points. Any switches in the circuit should be on during this test.



Voltage Drop Test

Continuity Test

To perform a continuity test, first disconnect the car battery. Then, while holding the leads together, adjust the ohmmeter to read zero. Connect the ohmmeter leads to connector or terminals at either end of the circuit's suspected problem area. The ohmmeter will show the resistance across that part of the circuit.

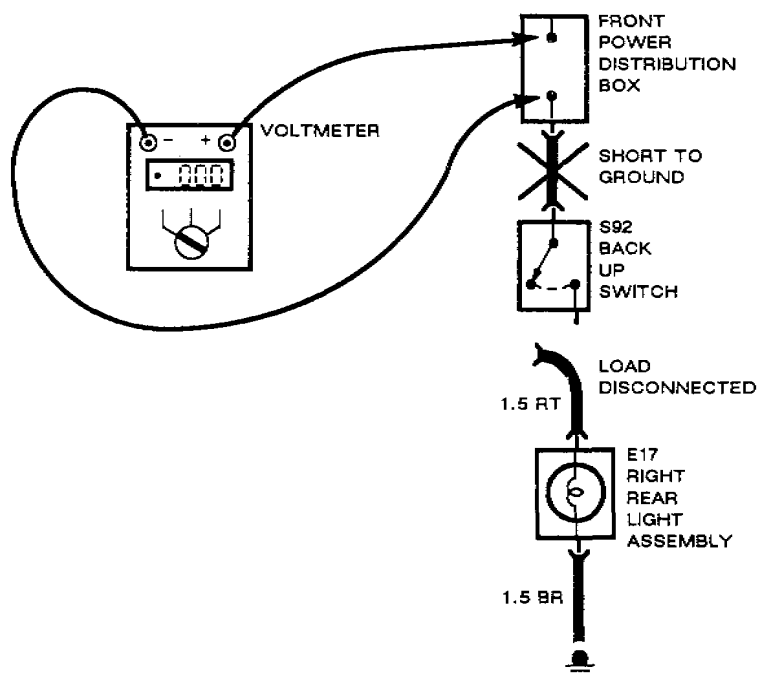


Continuity Test

Short Test Using Voltmeter

To locate a wiring short to ground, remove the blown fuse and disconnect the load. Connect the voltmeter leads to the fuse terminals. The positive lead should be connected to the terminal closest to the power source.

Starting near the FRONT POWER DISTRIBUTION BOX, move the wire harness back and forth and watch the voltmeter reading. If the voltmeter registers a reading, there is a short to ground in the wiring. Somewhere in the area of the harness being moved, the wire insulation is worn away and the circuit is grounding.



Short Test Using Voltmeter

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SYMBOLS


BATTERY


FUSE


CIRCUIT BREAKER


VARIABLE RESISTANCE SENSOR
VARIABLE CONTACT IS MOVED BY AN EXTERNAL FORCE


VARIABLE RESISTOR
RESISTANCE IS CHANGED BY TEMPERATURE OR PRESSURE


DIODE
CURRENT CAN FLOW ONLY IN DIRECTION OF ARROW


ZENER DIODE
TO REGULATE VOLTAGE

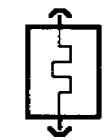

LIGHT EMITTING DIODE

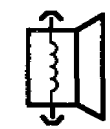

LIGHT


BIFILAMENT LIGHT


PERMANENT MAGNET MOTOR
ONE SPEED

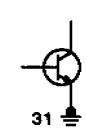

PERMANENT MAGNET MOTOR
TWO SPEED


HEATING ELEMENT


LOUDSPEAKER OR HORN

COIL OR SOLENOID

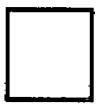
SOLENOID CONTROLLER VALVE OR CLUTCH SOLENOID



TRANSISTORIZED SWITCH

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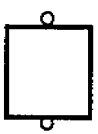
SYMBOLS



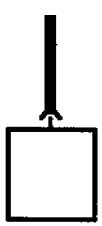
ENTIRE COMPONENT SHOWN



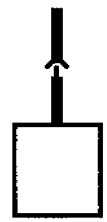
PART OF A COMPONENT SHOWN



COMPONENT WITH SCREW TERMINALS



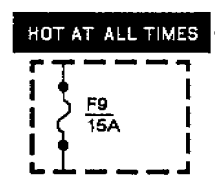
CONNECTOR ATTACHED TO COMPONENT



CONNECTOR ATTACHED TO COMPONENT LEAD (PIGTAIL)

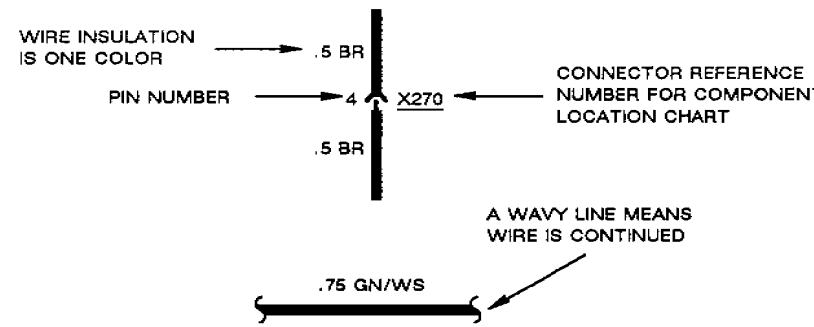


COMPONENT CASE DIRECTLY ATTACHED TO METAL PART OF CAR (GROUNDED)

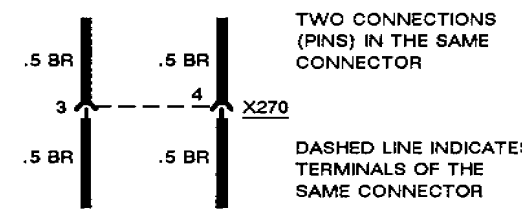


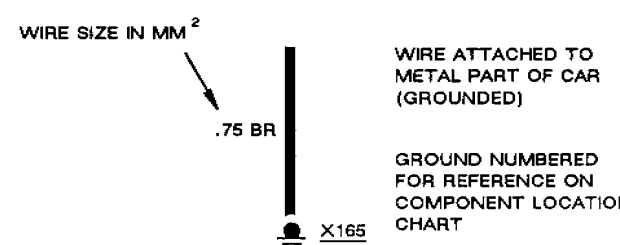
INDICATES THAT FUSE 9 IS SUPPLIED WITH POWER AT ALL TIMES

TERMINAL NUMBER	DESCRIPTION
50	VOLTAGE: IGNITION SWITCH IN START
30	VOLTAGE: SUPPLIED AT ALL TIMES
15	VOLTAGE: IGNITION SWITCH IN RUN OR START
15I	VOLTAGE: IGNITION SWITCH IN RUN
R	VOLTAGE: IGNITION SWITCH IN ACCESSORY, RUN OR START
31	GROUND



1. FIRST COLOR IS THE WIRE INSULATION.
2. SECOND COLOR IS THE "TRACER" OR "STRIPE" COLOR.
3. THIRD COLOR IS THE COLOR OF THE DOTS.

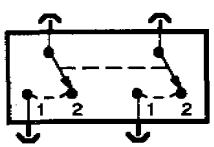




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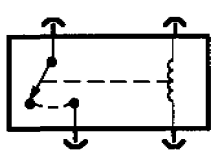


ONE POLE,
TWO POSITION
SWITCH



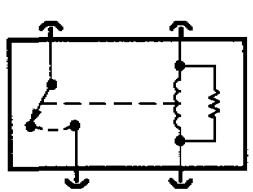
SWITCHES THAT MOVE
TOGETHER

DASHED LINE SHOWS
A MECHANICAL
CONNECTION BETWEEN
SWITCHES

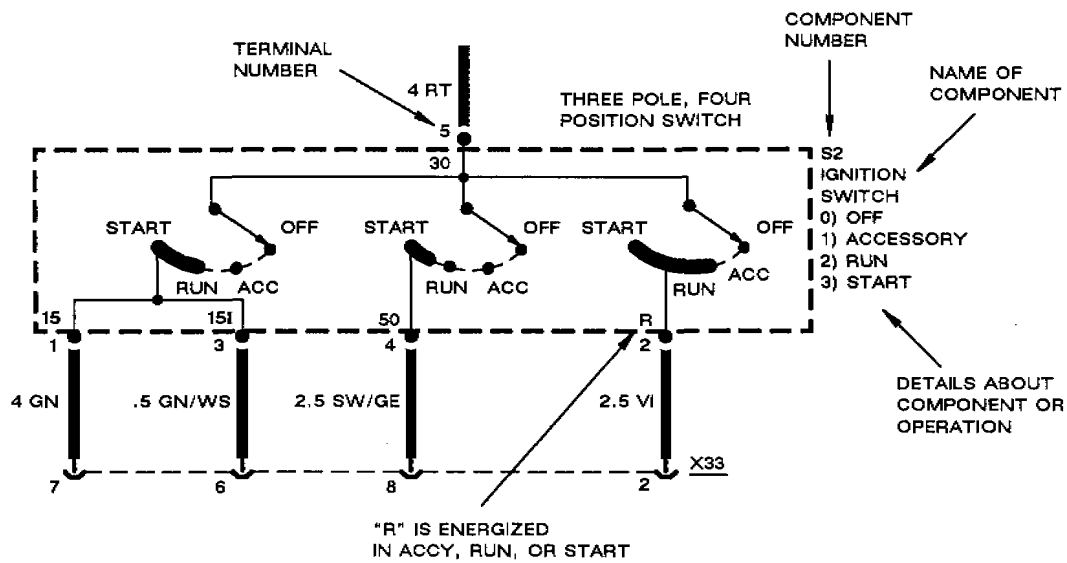


RELAY WITH NO
CURRENT FLOWING
THROUGH COIL

WHEN COIL IS
ENERGIZED, SWITCH
IS PULLED CLOSED



RELAY WITH
RESISTOR ACROSS
COIL

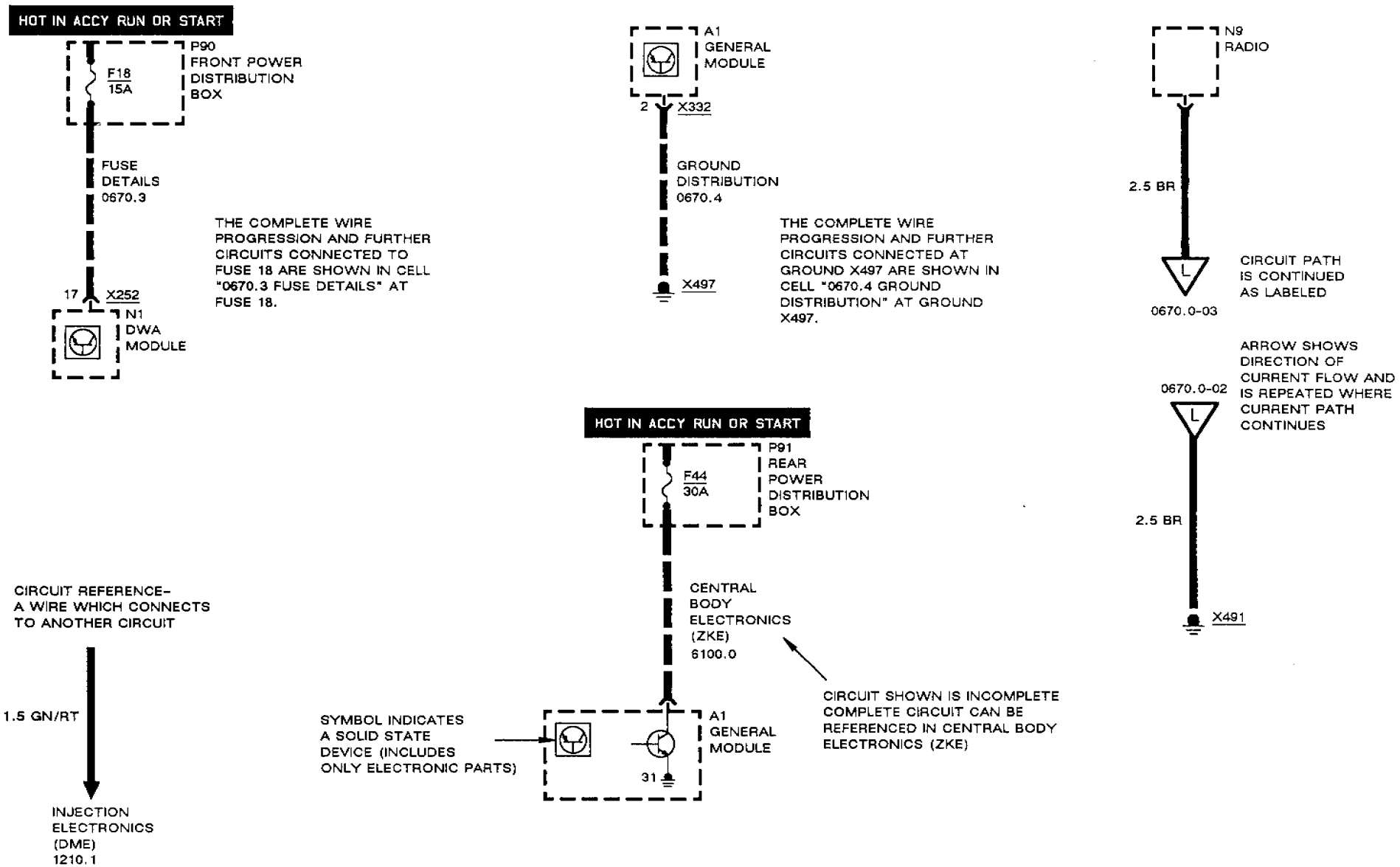


TERMINAL NUMBER	DESCRIPTION
50	VOLTAGE: IGNITION SWITCH IN START
30	VOLTAGE: SUPPLIED AT ALL TIMES
15	VOLTAGE: IGNITION SWITCH IN RUN OR START
15i	VOLTAGE: IGNITION SWITCH IN RUN
R	VOLTAGE: IGNITION SWITCH IN ACCESSORY, RUN, OR START
31	GROUND

WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

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SYMBOLS



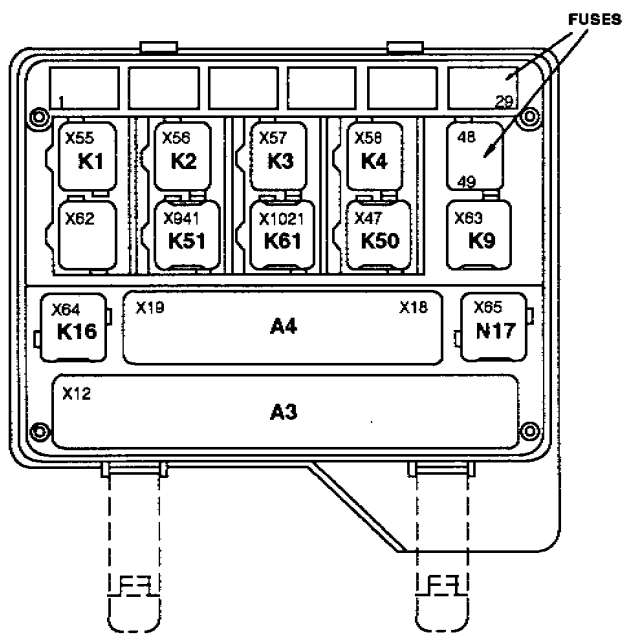
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POWER DISTRIBUTION CHARTS

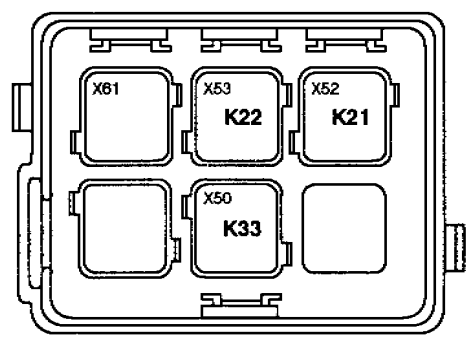
FRONT POWER DISTRIBUTION BOX, AUXILIARY RELAY BOX

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P90 FRONT POWER DISTRIBUTION BOX



P92 AUXILARY RELAY BOX



POWER DISTRIBUTION CHARTS

FRONT POWER DISTRIBUTION BOX, AUXILIARY RELAY BOX

COMPONENTS IN FRONT POWER DISTRIBUTION		
NUMBER	CONNECTOR	DESCRIPTION
A3	X12	LAMP CONTROL MODULE
A4	X18, X19	CHECK CONTROL MODULE
K1	X55	STARTER RELAY
B900	X55	JUMPER PLUG (MANUAL)
K2	X56	HORN RELAY
K3	X57	UNLOADER RELAY, KLR
K4	X58	BLOWER RELAY
	X62	NOT IN U.S.
K9	X63	UNLOADER RELAY, KL 15
K16	X64	HAZARD FLASHER RELAY
K50	X47	WATER PUMP RELAY
K51	X941	PHONE ALERT RELAY
K61	X1021	UNLOADER RELAY KL61
N17	X65	CRASH CONTROL UNIT

COMPONENTS IN AUXILIARY RELAY BOX		
NUMBER	CONNECTOR	DESCRIPTION
K21	X52	NORMAL SPEED RELAY
K22	X53	HIGH SPEED RELAY
K33	X50	AIR CONDITIONING RELAY
	X61	NOT IN U.S.

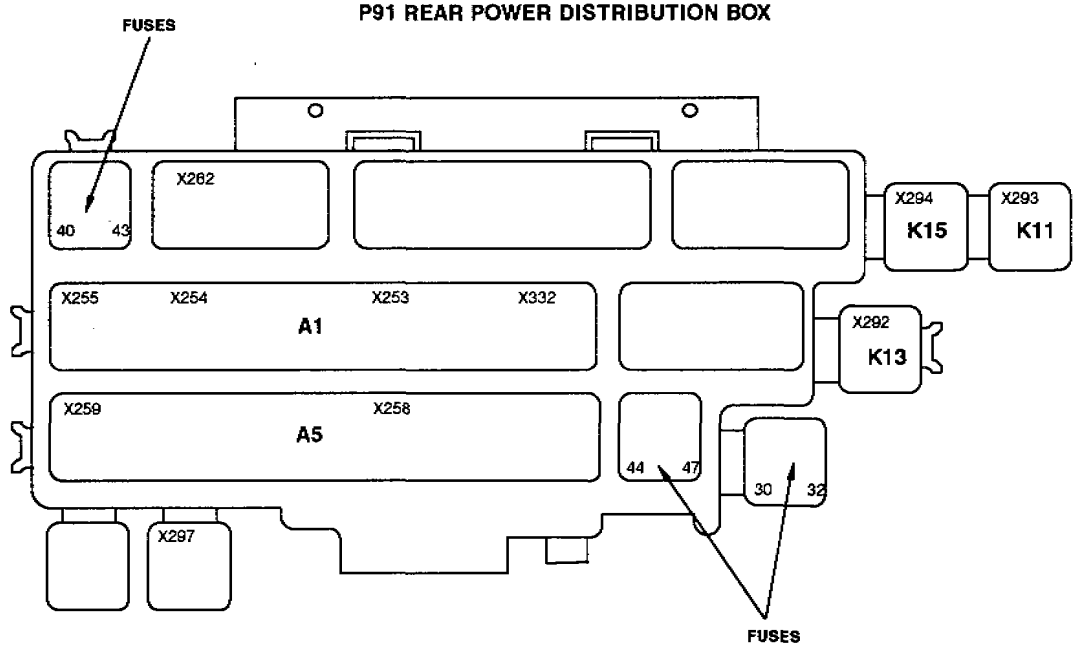
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POWER DISTRIBUTION CHARTS

REAR POWER DISTRIBUTION BOX

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P91 REAR POWER DISTRIBUTION BOX



POWER DISTRIBUTION CHARTS

REAR POWER DISTRIBUTION BOX

COMPONENTS IN REAR POWER DISTRIBUTION		
NUMBER	CONNECTOR	DESCRIPTION
A1	X253, X254 X255, X332	GENERAL MODULE
A5	X258, X259	RELAY MODULE
K11	X293	WIPER RELAY
K13	X292	REAR DEFOGGER RELAY
K15	X294	ELECTRIC POWER PROTECTION RELAY
	X297	NOT IN U.S.

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FUSE CHARTS

FUSE	CIRCUIT PROTECTED	
F1 15A	3450.0	ABS Antilock Brake System (Also Fuse 17)
	6200.0	Instrument Cluster Check Control (K/CC) (Also Fuses 17, 20, 29)
	6301.0	Lamp Monitor (LKM) (Also Fuses 2, 3, 4, 5, 7, 10, 11, 13, 14, 15)
	6325.0	Brake Lights (Also Fuse 15)
	6571.0	Cruise Control (Tempomat) (Also Fuse 17)
	6581.0	On-Board Computer (BCIV) (Also Fuses 17, 20)
F2 7.5A	6300.0	Light Switch Details (Also Fuses 3, 4, 5)
	6301.0	Lamp Monitor (LKM) (Also Fuses 1, 3, 4, 5, 7, 10, 11, 13, 14, 15)
	6312.0	Headlights/Fog Lights (Also Fuses 3, 5, 7, 10, 11, 13, 14)
	6313.0	Turn/Hazard Lights (Also Fuses 3, 6, 13, 14)
F3 7.5A	6100.0	Central Body Electronics (ZKE) (Also Fuses 5, 17, 30, 44, 47)
	6300.0	Light Switch Details (Also Fuses 2, 4, 5)
	6301.0	Lamp Monitor (LKM) (Also Fuses 1, 2, 4, 5, 7, 10, 11, 13, 14, 15)
	6312.0	Headlights/Fog Lights (Also Fuses 2, 5, 7, 10, 11, 13, 14)
	6313.0	Turn/Hazard Lights (Also Fuses 2, 6, 13, 14)
F4 7.5A	6300.0	Light Switch Details (Also Fuses 2, 3, 5)
	6301.0	Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 5, 7, 10, 11, 13, 14, 15)
	6314.0	Park/Tail/Underhood Lights (Also Fuses 5, 15, 20)
F5 10A	6100.0	Central Body Electronics (ZKE) (Also Fuses 3, 17, 30, 44, 47)
	6300.0	Light Switch Details (Also Fuses 2, 3, 4)
	6301.0	Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 4, 7, 10, 11, 13, 14, 15)
	6312.0	Headlights/Fog Lights (Also Fuses 2, 3, 7, 10, 11, 13, 14)
	6314.0	Park/Tail/Underhood Lights (Also Fuses 4, 15, 20)
	6320.0	License/Trunk Lights (Also Fuses 15, 21)
	6330.0	ZKE Interior Lights (Also Fuses 17, 18, 21, 30, 44)
	6332.0	Glove Box Light/Cigar Lighter/Charging Plug (Also Fuses 18, 21, 26)
F6 15A	6313.0	Turn/Hazard Lights (Also Fuses 2, 3, 13, 14)
F7 15A	6301.0	Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 4, 5, 10, 11, 13, 14, 15)
	6312.0	Headlights/Fog Lights (Also Fuses 2, 3, 5, 10, 11, 13, 14)

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FUSE CHARTS

FUSE	CIRCUIT PROTECTED	
F9 15A	6133.0	Horn
	6450.1	Integrated Climate Regulation (IHKR) (Also Fuses 19, 20, 27, 29, 46)
	6450.3	Integrated Climate Regulation II (IHKR II) (Also Fuses 19, 20, 27, 29)
	6561.0	Cellular Telephone (Provisions) (Also Fuses 18, 31)
F10 7.5A	6301.0	Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 4, 5, 7, 11, 13, 14, 15)
	6312.0	Headlights/Fog Lights (Also Fuses 2, 3, 5, 7, 11, 13, 14)
F11 7.5A	6301.0	Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 4, 5, 7, 10, 13, 14, 15)
	6312.0	Headlights/Fog Lights (Also Fuses 2, 3, 5, 7, 10, 13, 14)
F12 15A	5116.0	Power Mirrors
	6169.0	Windshield Washer Jet Heaters
	6322.0	Back Up Lights
F13 7.5A	6301.0	Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 4, 5, 7, 10, 11, 14, 15)
	6312.0	Headlights/Fog Lights (Also Fuses 2, 3, 5, 7, 10, 11, 14)
	6313.0	Turn/Hazard Lights (Also Fuses 2, 3, 6, 14)
F14 7.5A	6301.0	Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 4, 5, 7, 10, 11, 13, 15)
	6312.0	Headlights/Fog Lights (Also Fuses 2, 3, 5, 7, 10, 11, 13)
	6313.0	Turn/Hazard Lights (Also Fuses 2, 3, 6, 13)
F15 7.5A	6301.0	Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 4, 5, 7, 10, 11, 13, 14)
	6314.0	Park/Tail/Underhood Lights (Also Fuses 4, 5, 20)
	6320.0	License/Trunk Lights (Also Fuses 5, 21)
	6325.0	Brake Lights (Also Fuse 1)
F16 30A	5203.0	Heated Seats

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FUSE CHARTS

FUSE	CIRCUIT PROTECTED	
F17 7.5A	1210.2	Injection Electronics (DME 1.3) (Also Fuse 23)
	1230.0	Charging System (Also Fuse 28)
	1240.0	Start
	1290.0	E-Box Fan (Also Fuse 28)
	2460.0	Electronic Transmission Control (AEGS)
	3450.0	Antilock Brake System (ABS) (Also Fuse 1)
	5120.0	ZKE Door Lock Heating (TSH) (Also Fuse 30)
	5133.0	ZKE Power Windows (FH) (Also Fuses 30, 31, 47)
	5410.0	ZKE Sunroof (SHD) (Also Fuses 30, 31, 47)
	6100.0	Central Body Electronics (ZKE) (Also Fuses 3, 5, 30, 44, 47)
	6200.0	Instrument Cluster/Check Control (K/CC) (Also Fuses 1, 20, 29)
	6330.0	ZKE Interior Lights (IB) (Also Fuses 5, 18, 21, 30, 44)
	6571.0	Cruise Control (Tempomat) (Also Fuse 1)
	6581.0	On Board Computer (BCIV) (Also Fuses 1, 20)
F18 15A	6330.0	ZKE Interior Lights (IB) (Also Fuses 5, 17, 21, 30, 44)
	6332.0	Glove Box Light/Cigar Lighter/Charging Plug (Also Fuses 5, 21, 26)
	6510.0	Radio/CD Player (Provisions) (Also Fuse 41)
	6561.0	Cellular Telephone (Provisions) (Also Fuses 9, 31)
F19 30A	6450.1	Integrated Climate Regulation (IHKR) (Also Fuses 9, 20, 27, 29, 46)
	6450.3	Integrated Climate Regulation II (IHKR II) (Also Fuses 9, 20, 27, 29)
F20 7.5A	6200.0	Instrument Cluster/Check Control (K/CC) (Also Fuses 1, 17, 29)
	6314.0	Park/Tail/Underhood Lights (Also Fuses 4, 5, 15)
	6450.1	Integrated Climate Regulation (IHKR) (Also fuses 9, 19, 27, 29, 46)
	6450.3	Integrated Climate Regulation II (IHKR II) (Also fuses 9, 19, 27, 29)
	6581.0	On Board Computer (BCIV) (Also Fuses 1, 17)
F21 10A	6320.0	License/Trunk Lights (Also Fuses 5, 15)
	6330.0	ZKE Interior Lights (IB) (Also Fuses 5, 17, 18, 30, 44)
	6332.0	Glove Box Light/Cigar Lighter/Charging Plug (Also Fuses 5, 18, 26)
F22 30A	NOT USED	

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FUSE CHARTS

FUSE	CIRCUIT PROTECTED	
F23 7.5A	1210.2	Injection Electronics (DME 1.3) (Also Fuse 17)
F24 7.5A	6160.0	ZKE Windshield Wiper Control (SWS) (Also Fuse 44)
F25 30A	6454.0	Auxiliary Fan (Also Fuse 29)
F26 30A	6332.0	Glove Box Light/Cigar Lighter/Charging Plug (Also Fuses 5, 18, 21)
F27 7.5A	6450.1 6450.3	Integrated Climate Regulation (IHKR) (Also Fuses 9, 19, 20, 29, 46) Integrated Climate Regulation II (IHKR II) (Also Fuses 9, 19, 20, 29)
F28 15A	1230.0 1290.0 3240.0	Charging System (Also Fuse 17) E-Box Fan (Also Fuse 17) Power Assist Steering (Servotronic)
F29 7.5A	6200.0 6450.1 6450.3 6454.0	Instrument Cluster/Check Control (K/CC) (Also Fuses 1, 17, 20) Integrated Climate Regulation (IHKR) (Also Fuses 9, 19, 20, 27, 46) Integrated Climate Regulation II (IHKR II) (Also Fuses 9, 19, 20, 27) Auxiliary Fan (Also Fuse 25)
F30 7.5A	5120.0 5126.0 5133.0 5410.0 6100.0 6330.0	ZKE Door Lock Heating (TSH) (Also Fuse 17) ZKE Central Locking (ZV) (Also Fuses 31, 47) ZKE Power Windows (FH) (Also Fuses 17, 31, 47) ZKE Sunroof (SHD) (Also Fuses 17, 31, 47) Central Body Electronics (ZKE) (Also Fuses 3, 5, 17, 44, 47) ZKE Interior Lights (Also Fuses 5, 17, 18, 21, 44)
F31 7.5A	5126.0 5133.0 5410.0 6561.0	ZKE Central Locking (ZV) (Also Fuses 30, 47) ZKE Power Windows (FH) (Also Fuses 17, 30, 47) ZKE Sunroof (SHD) (Also Fuses 17, 30, 47) Cellular Telephone (Provisions) (Also Fuses 9, 18)
F32 7.5A	NOT USED	
F40 15A	NOT USED	
F41 30A	6510.0	Radio/CD Player (Provisions) (Also Fuse 18)

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FUSE CHARTS

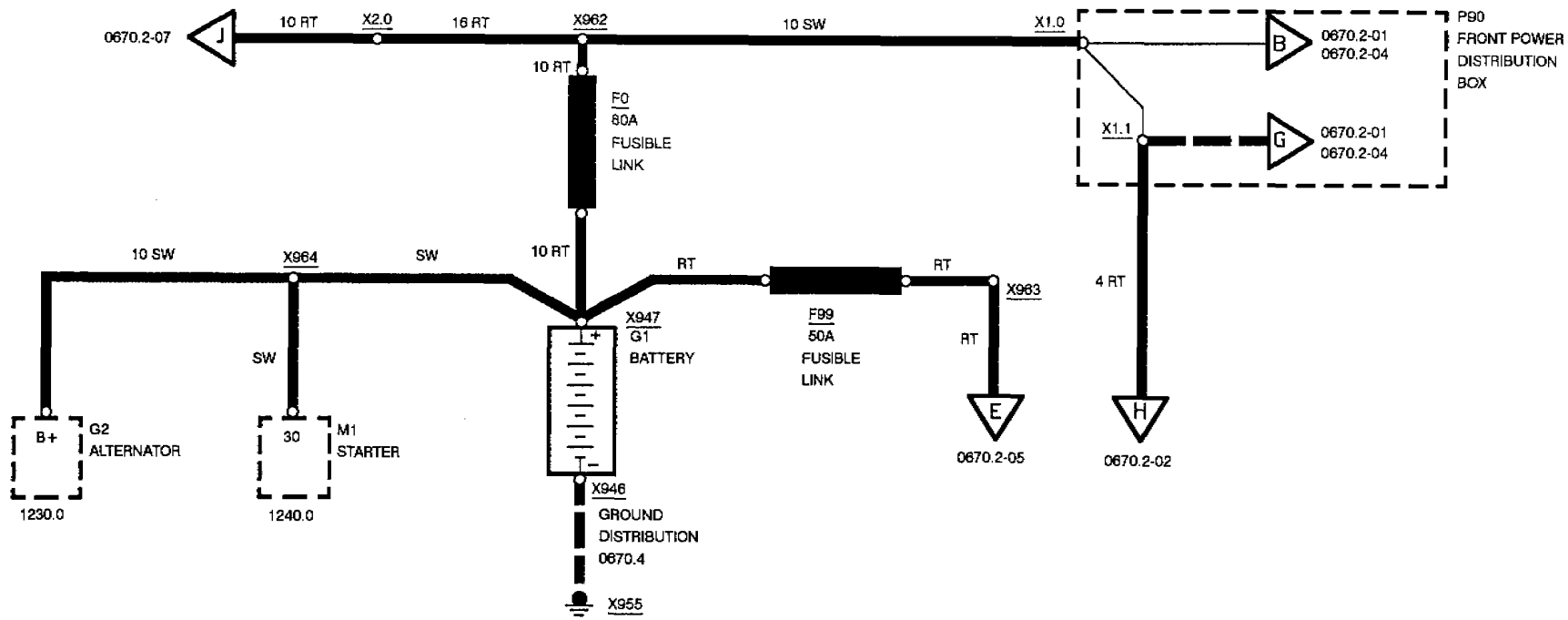
FUSE	CIRCUIT PROTECTED	
F42 30A	5200.0	Power Seats (Also Fuse 43)
F43 30A	5200.0	Power Seats (Also Fuse 42)
F44 30A	6100.0 6160.0 6330.0	Central Body Electronics (ZKE) (Also Fuses 3, 5, 17, 30, 47) ZKE Windshield Wiper Control (SWS) (Also Fuse 24) ZKE Interior Lights (IB) (Also Fuses 5, 17, 18, 21, 30)
F46 30A	6450.1	Integrated Climate Regulation (IHKR) (Also Fuses 9, 19, 20, 27, 29)
F47 30A	5126.0 5133.0 5410.0 6100.0	ZKE Central Locking (ZV) (Also Fuses 30, 31) ZKE Power Windows (FH) (Also Fuses 17, 30, 31) ZKE Sunroof (SHD) (Also Fuses 17, 30, 31) Central Body Electronics (ZKE) (Also Fuses 3, 5, 17, 30, 44)
F48 15A	NOT USED	
F49	NOT USED	

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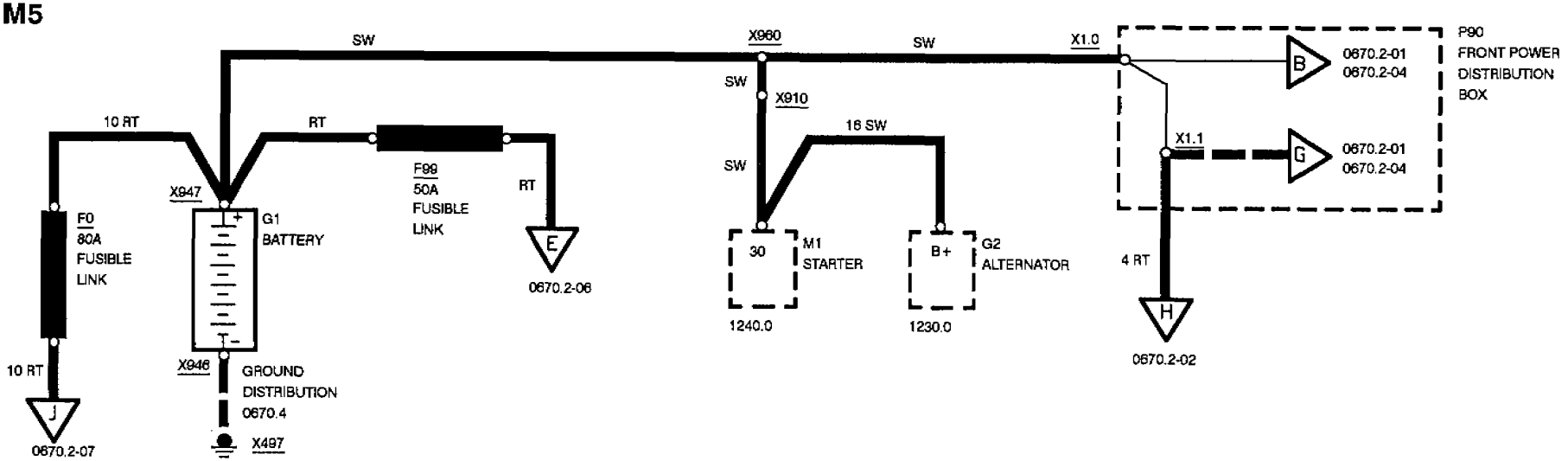
POWER DISTRIBUTION

FRONT POWER DISTRIBUTION BOX

525i

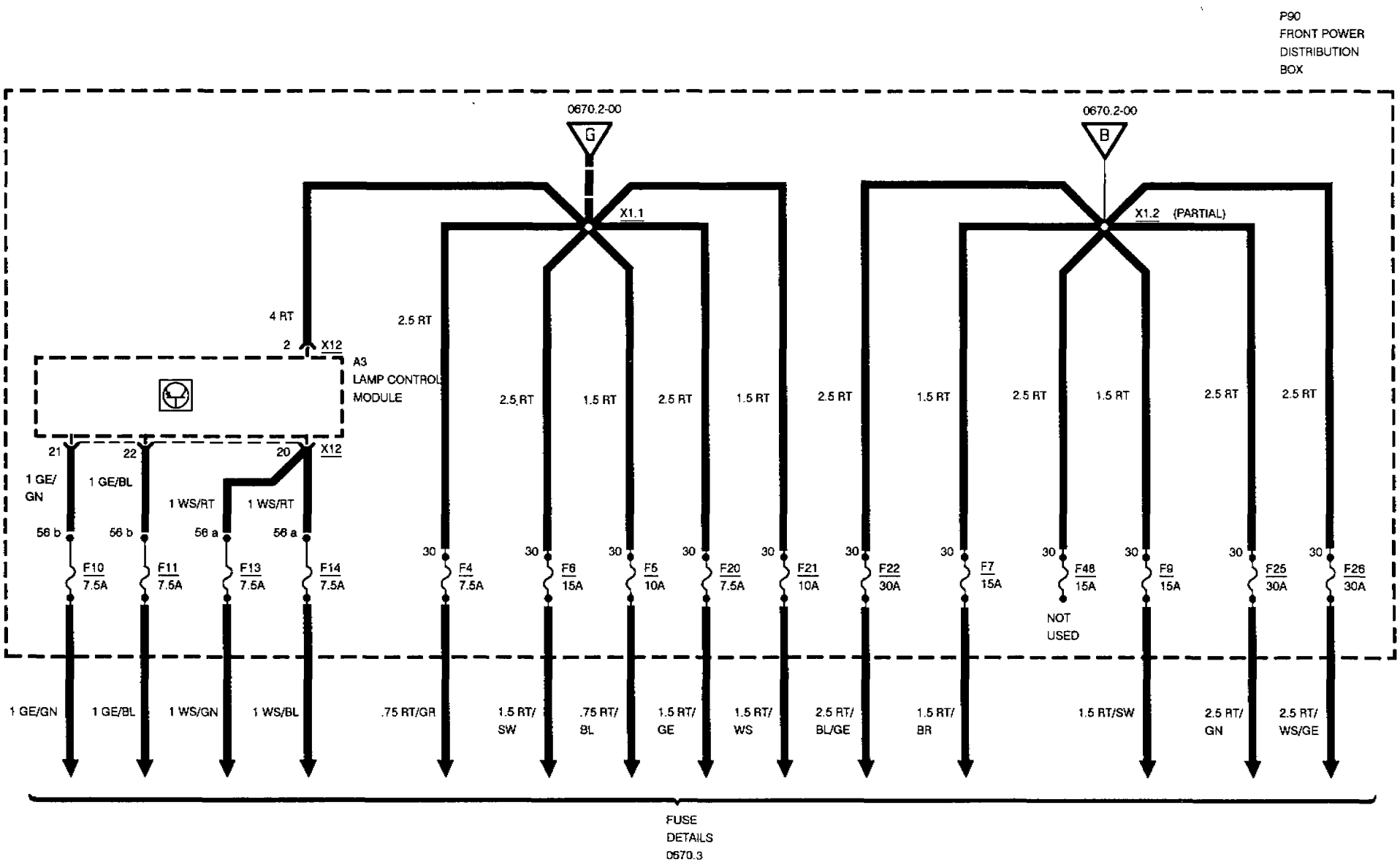


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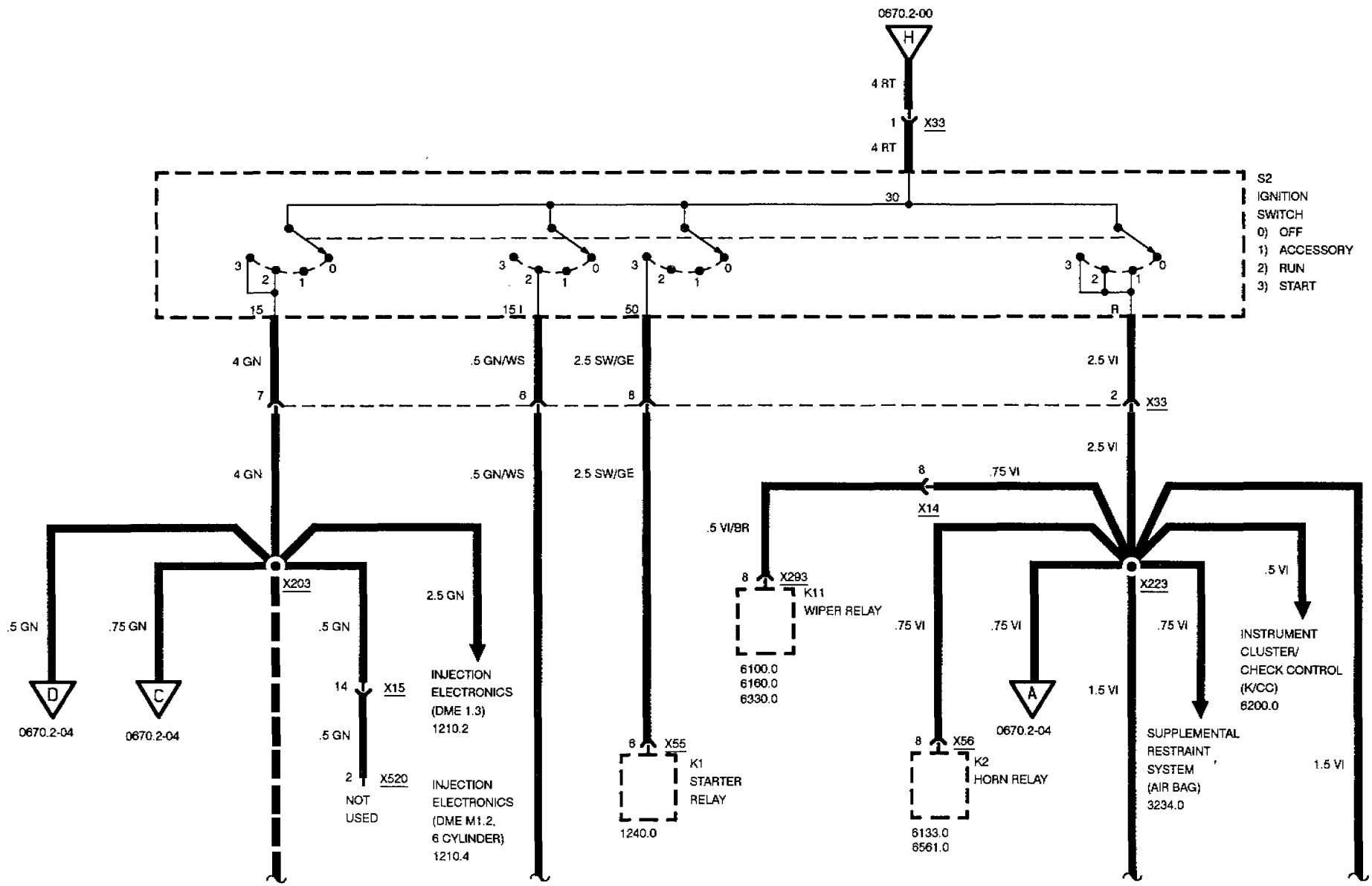
POWER DISTRIBUTION



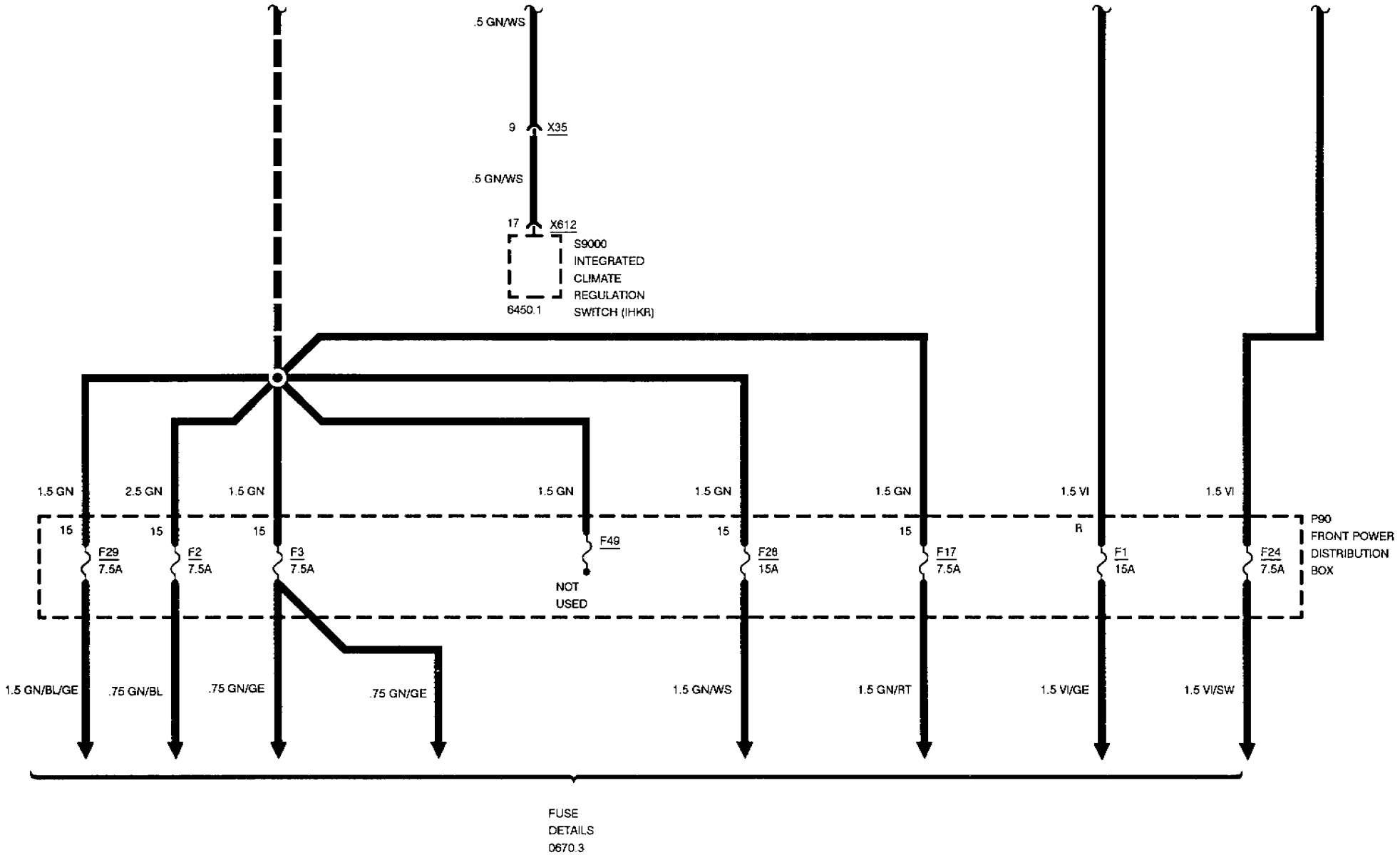
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POWER DISTRIBUTION

FRONT POWER DISTRIBUTION BOX

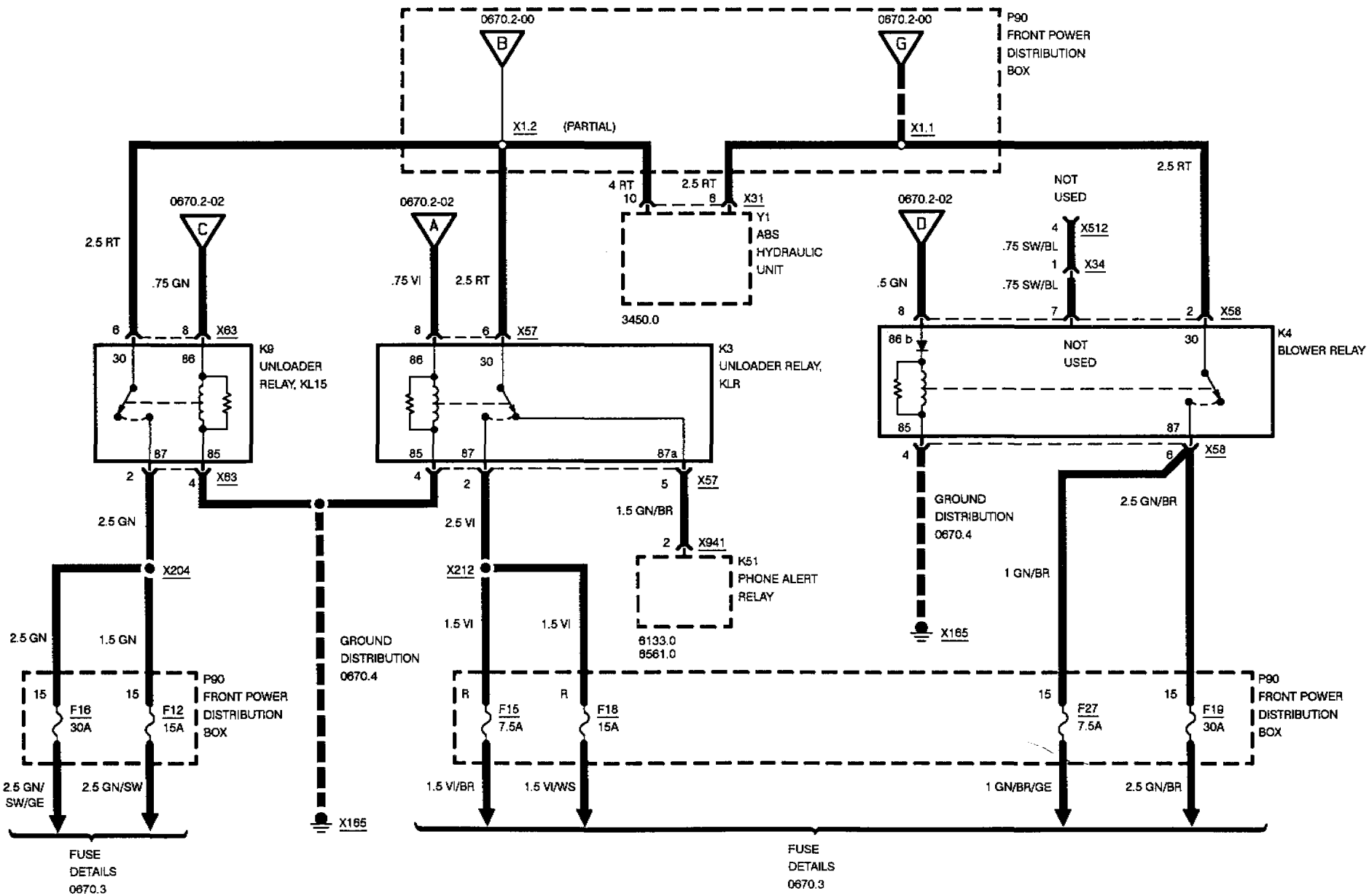


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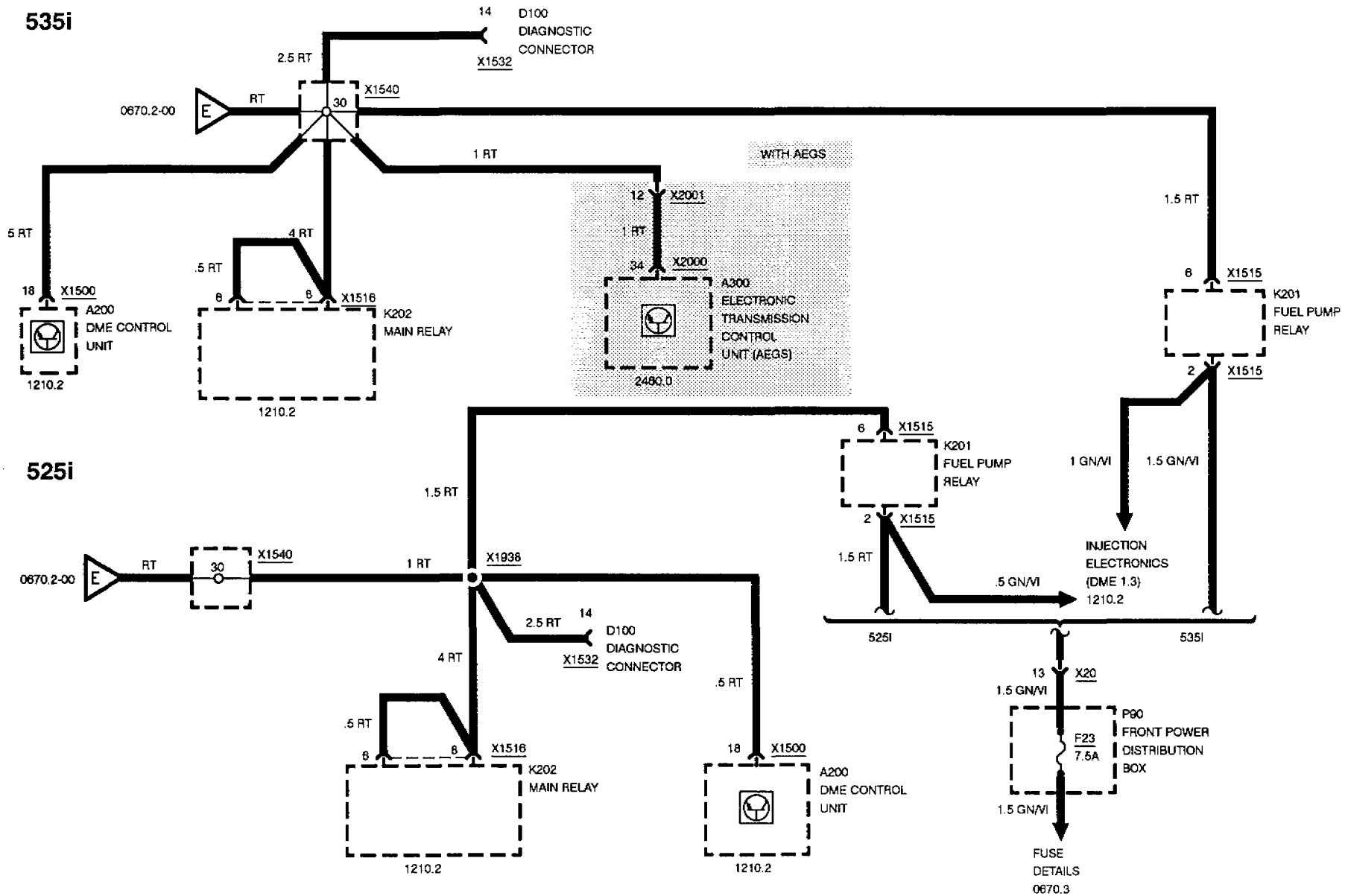
POWER DISTRIBUTION



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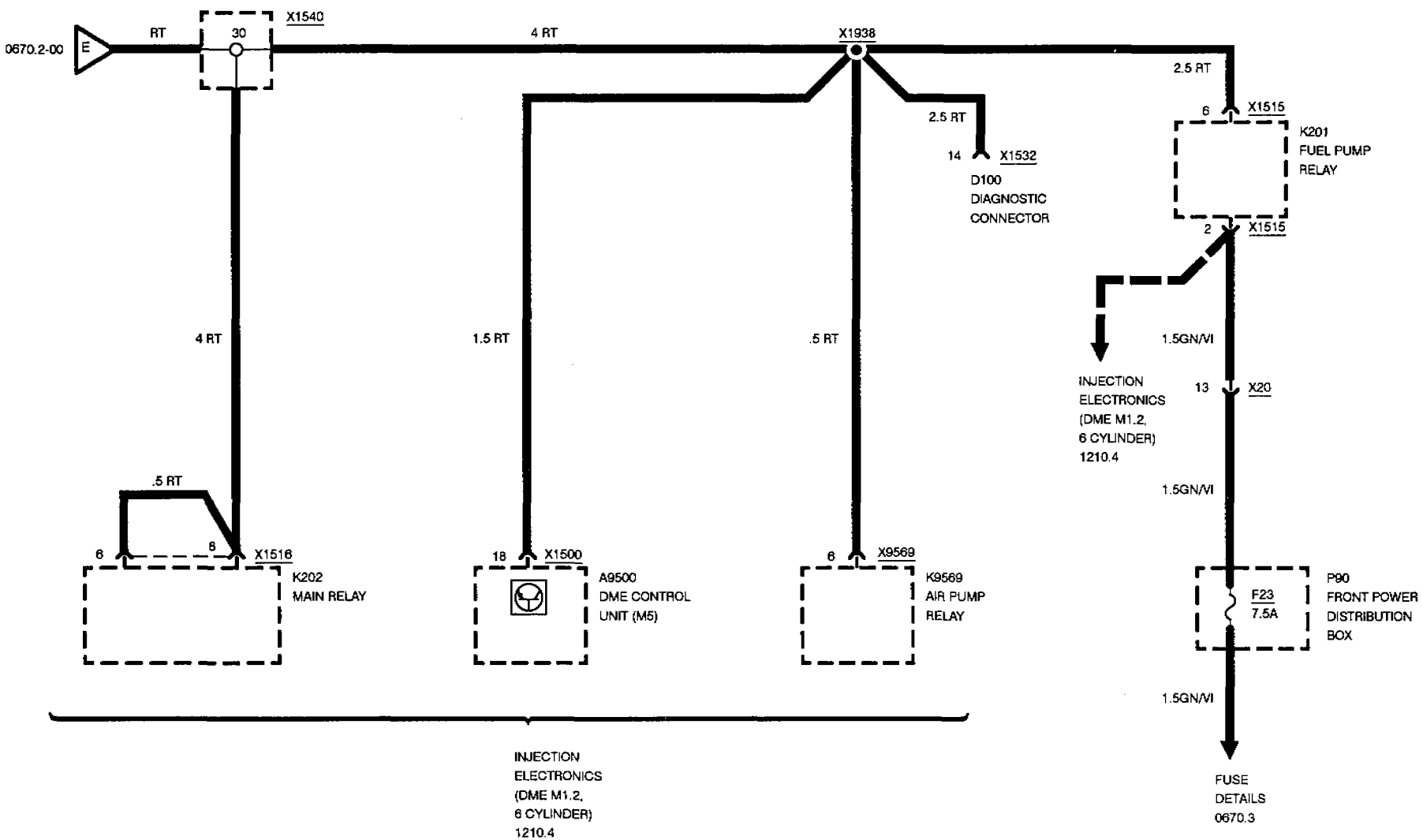
POWER DISTRIBUTION

FRONT POWER DISTRIBUTION BOX



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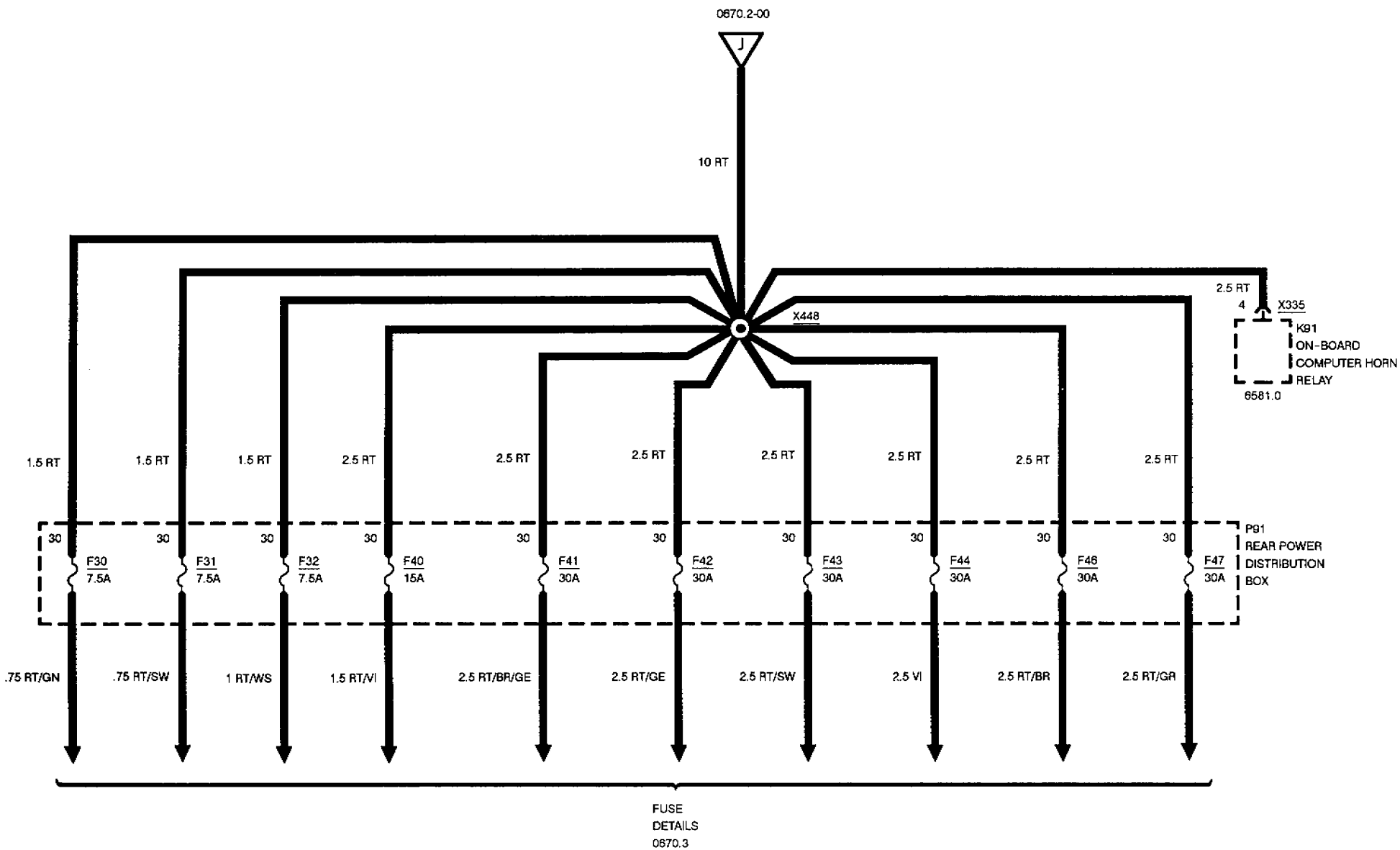
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POWER DISTRIBUTION

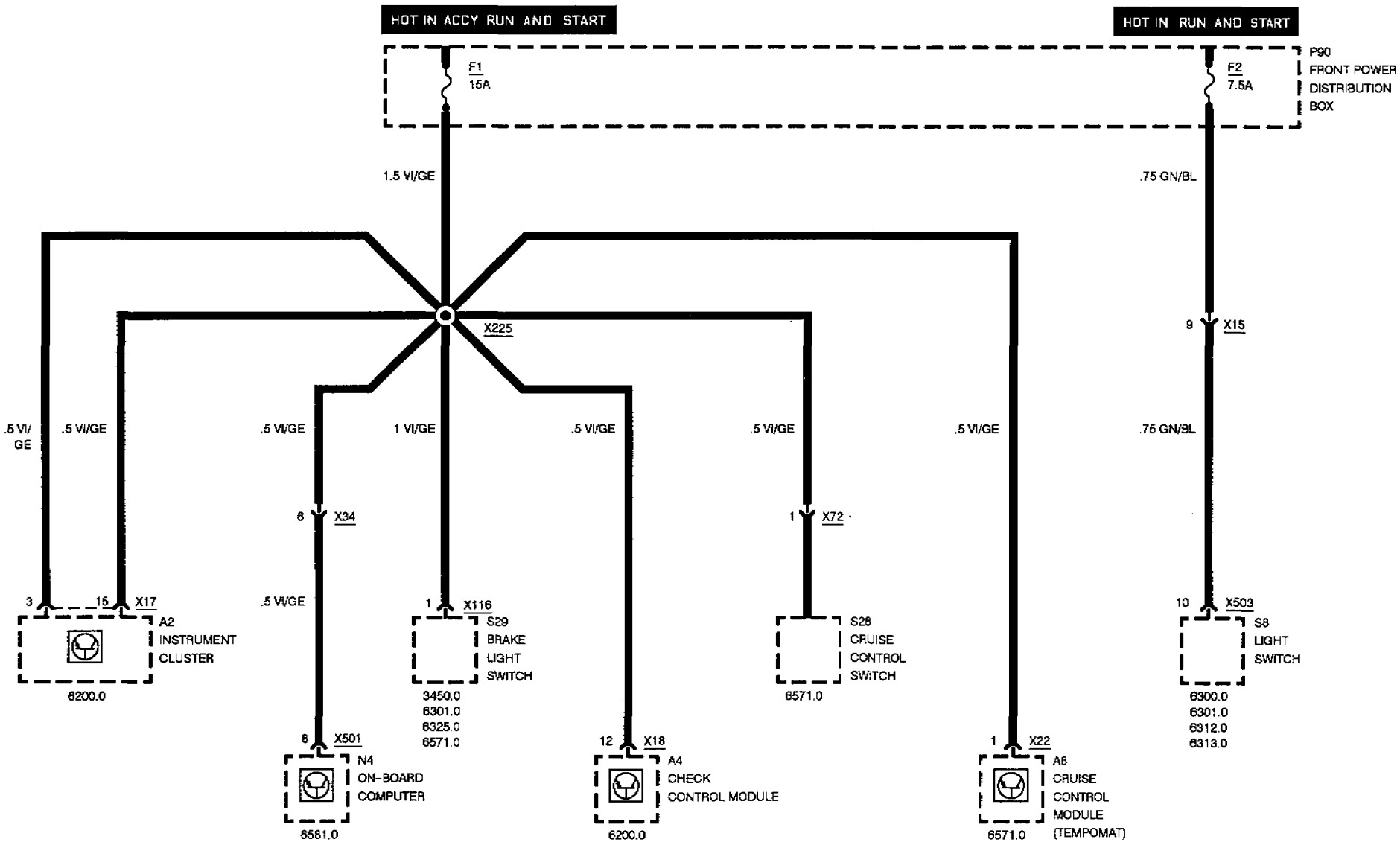
REAR POWER DISTRIBUTION BOX



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FUSE DETAILS

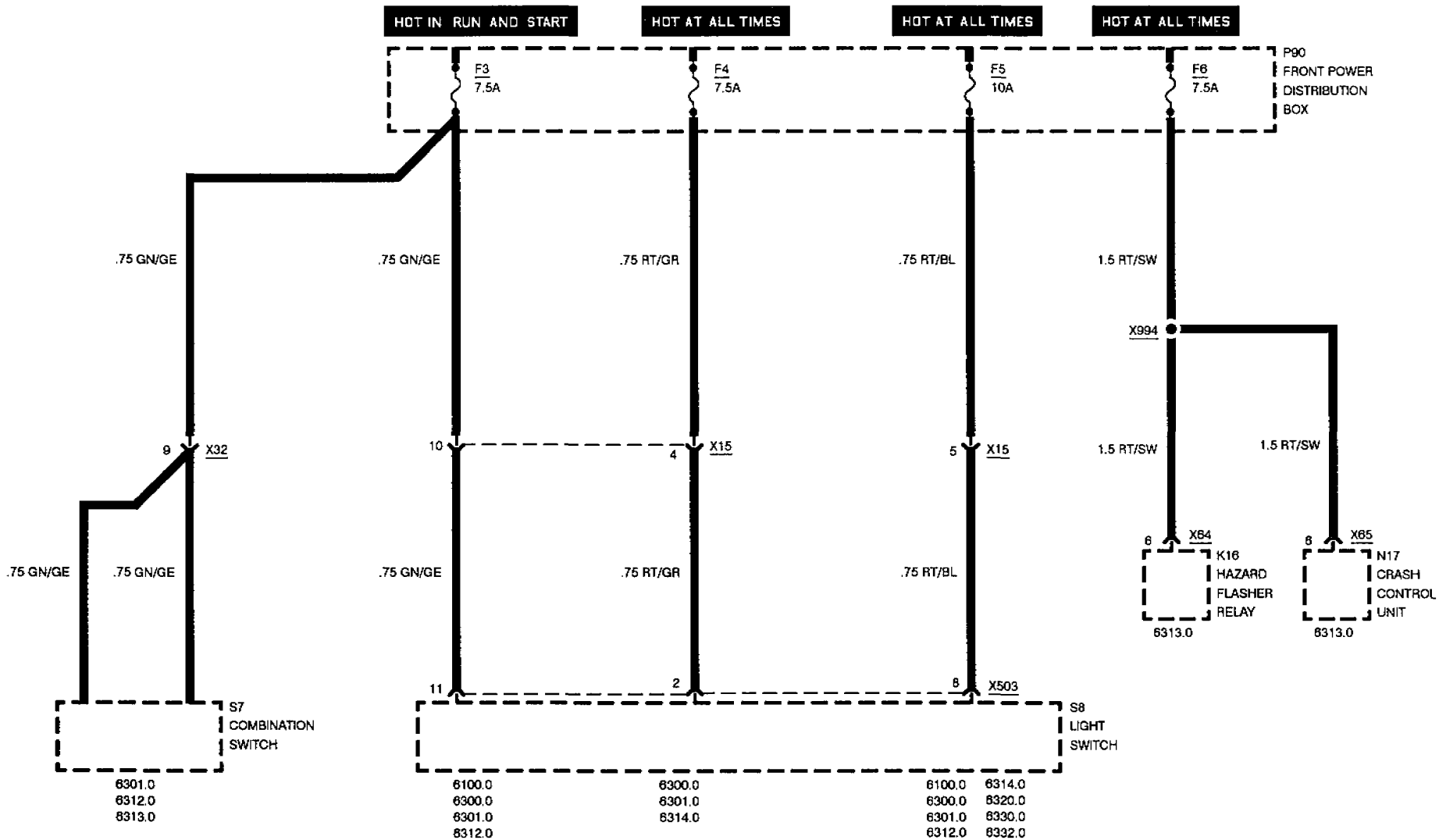
FUSES 1 AND 2



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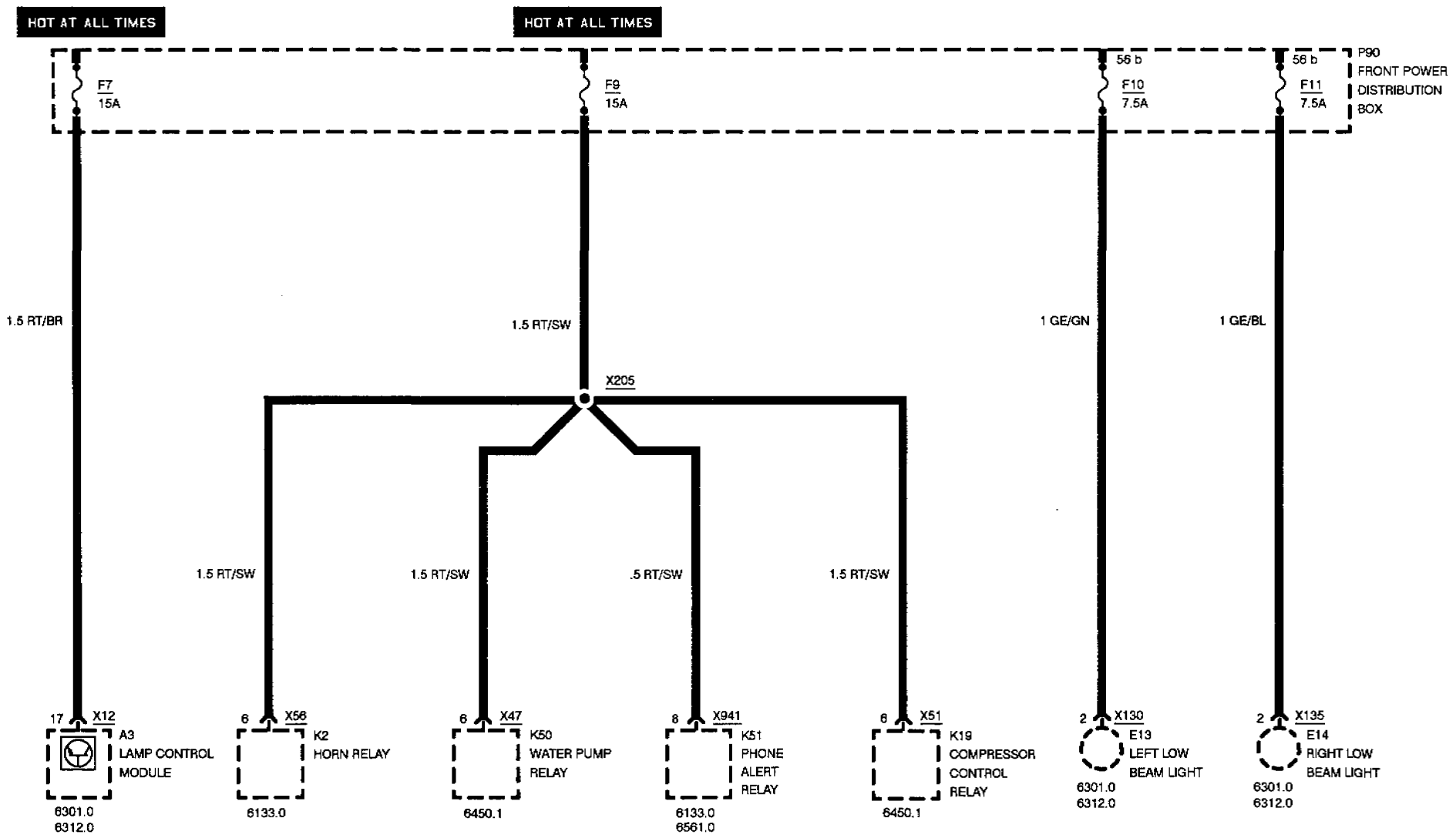
FUSES 3, 4, 5 AND 6



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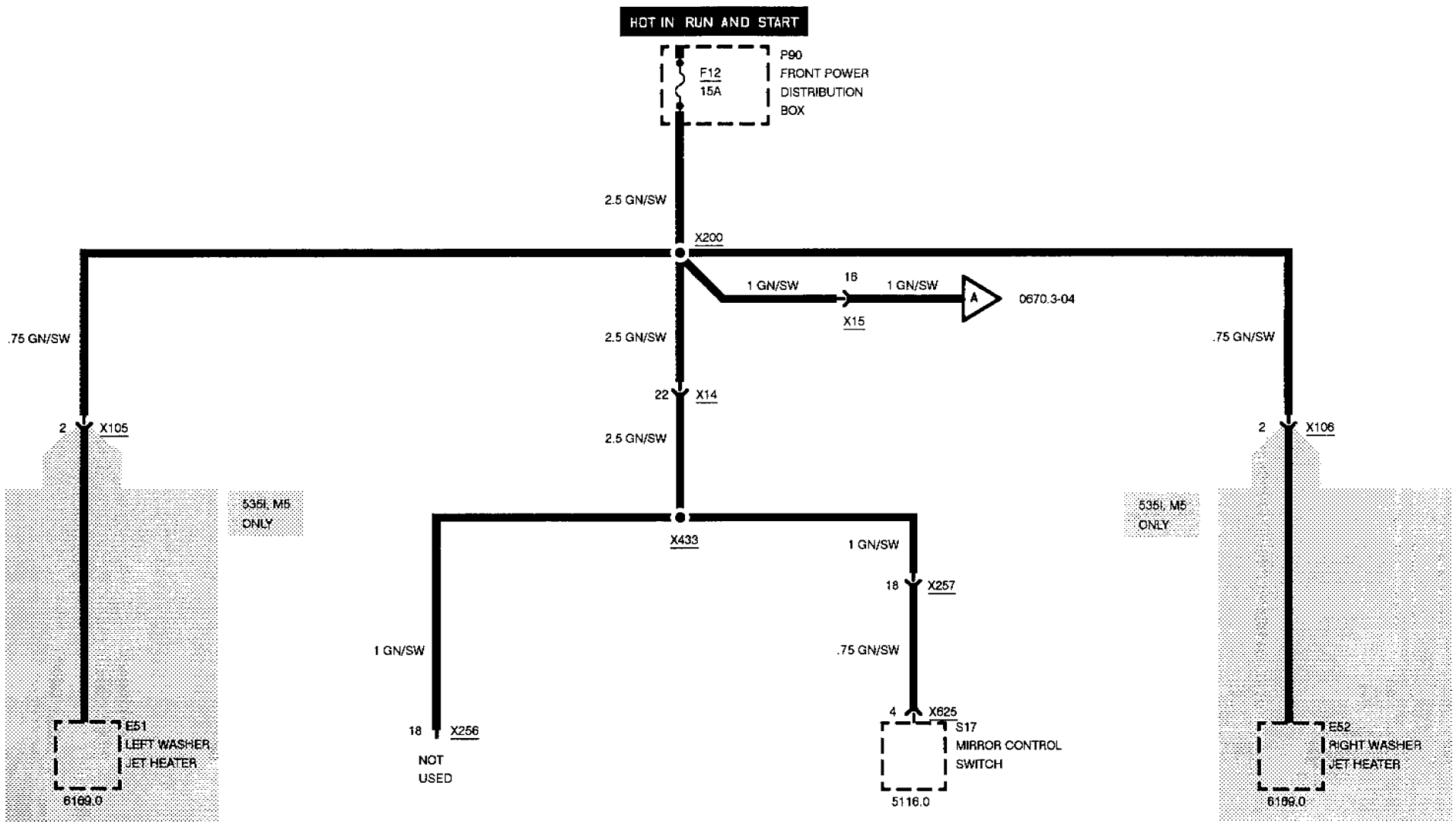
FUSES 7, 9, 10 AND 11



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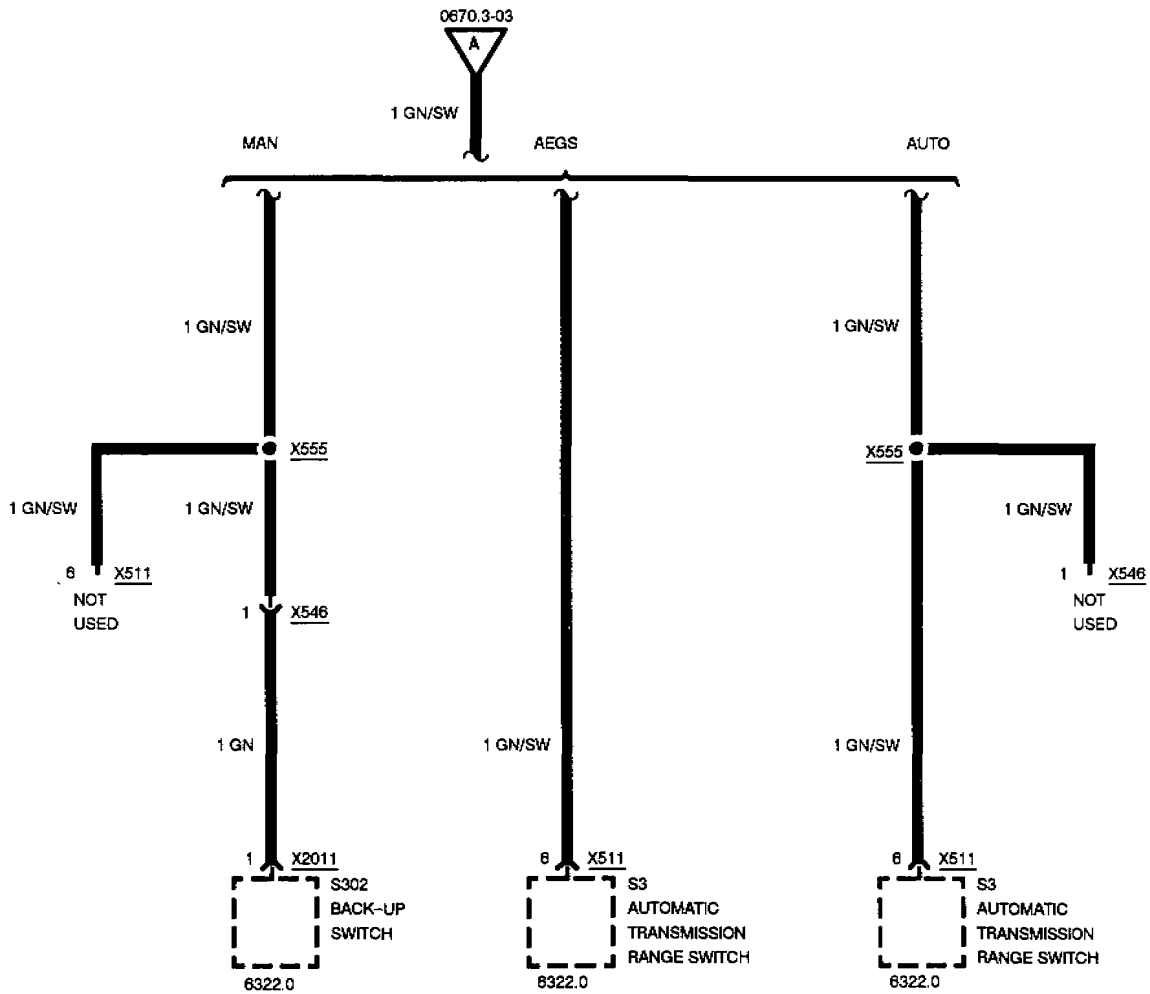
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FUSE DETAILS

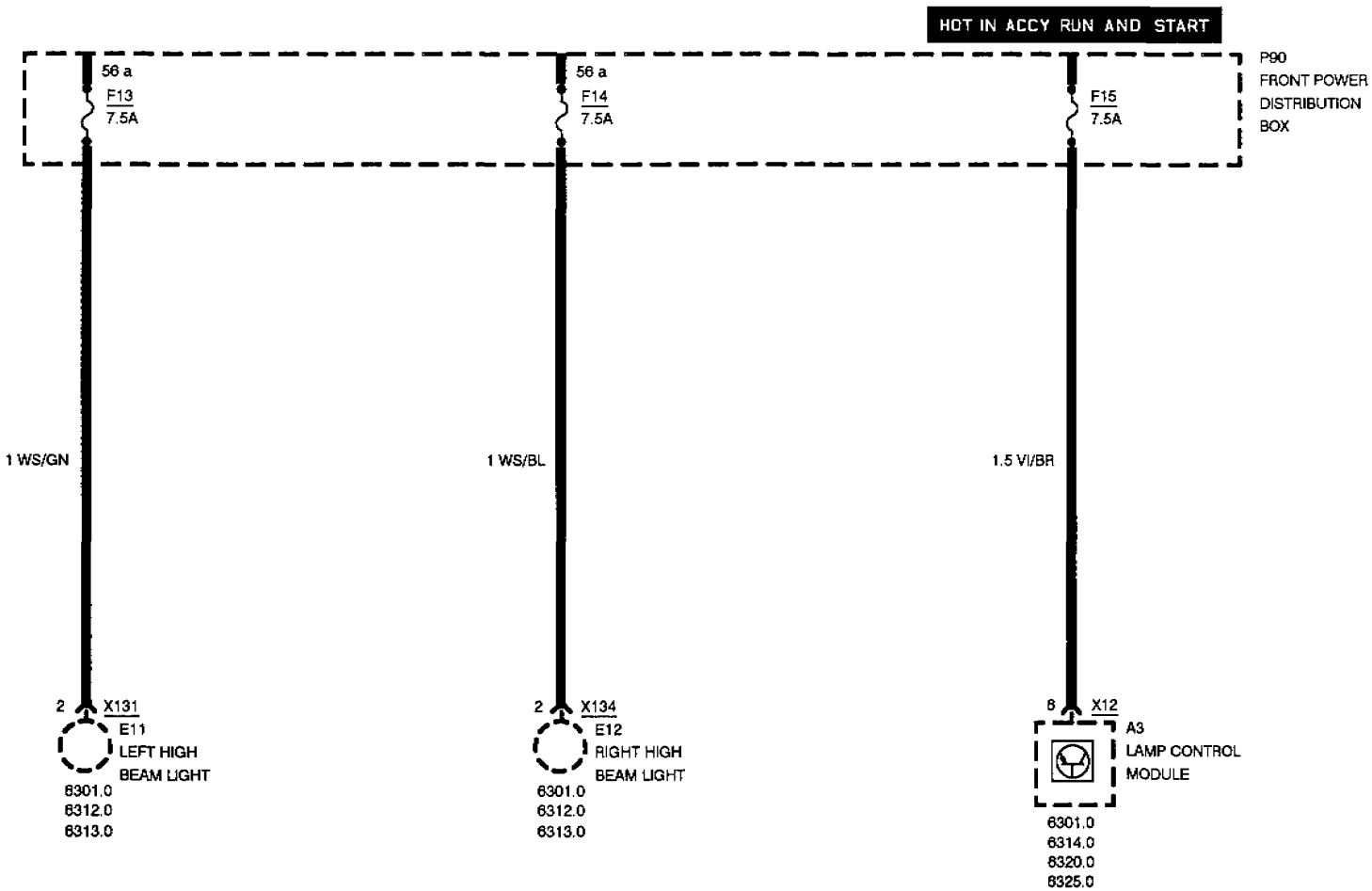
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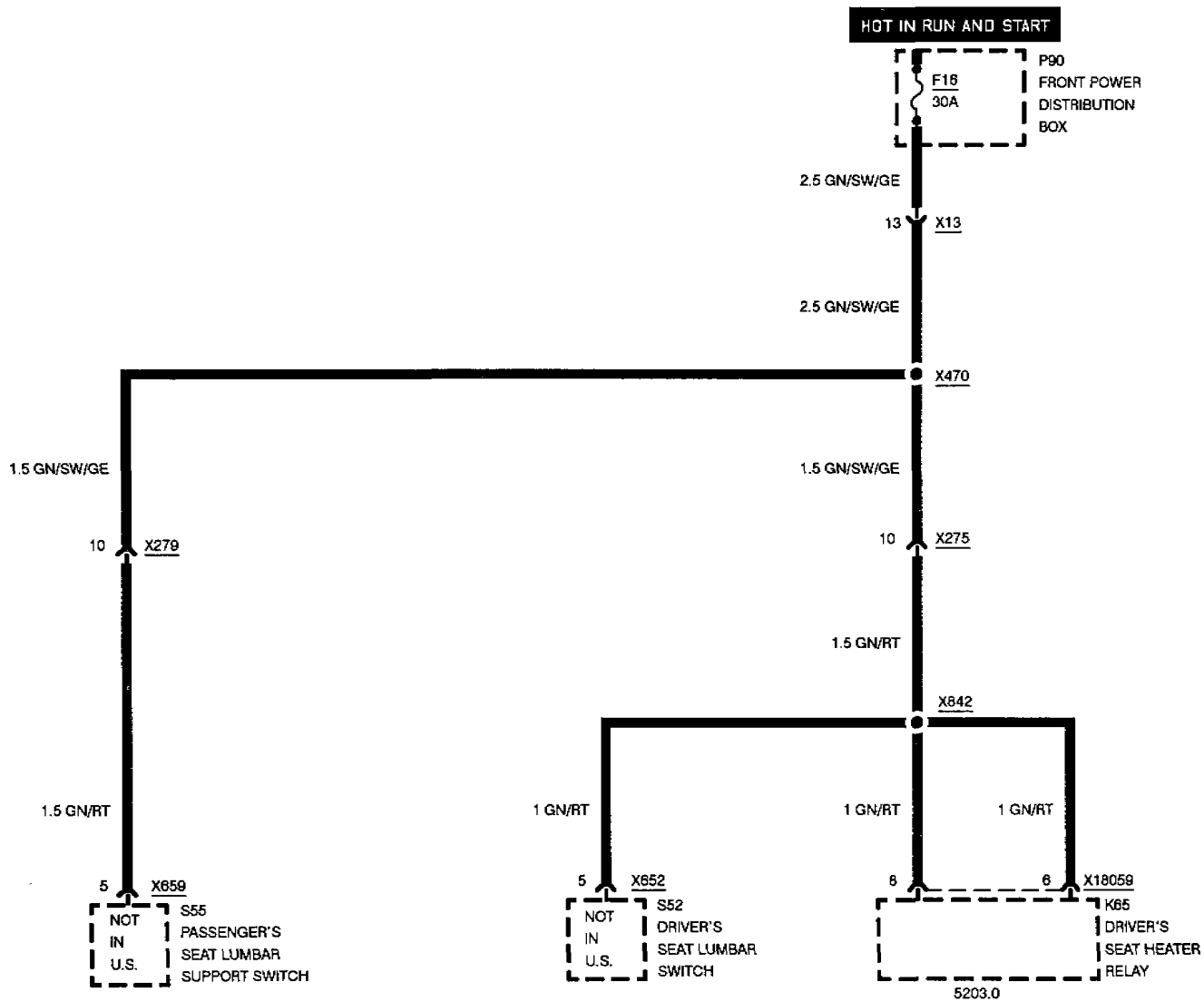
FUSES 13, 14, AND 15



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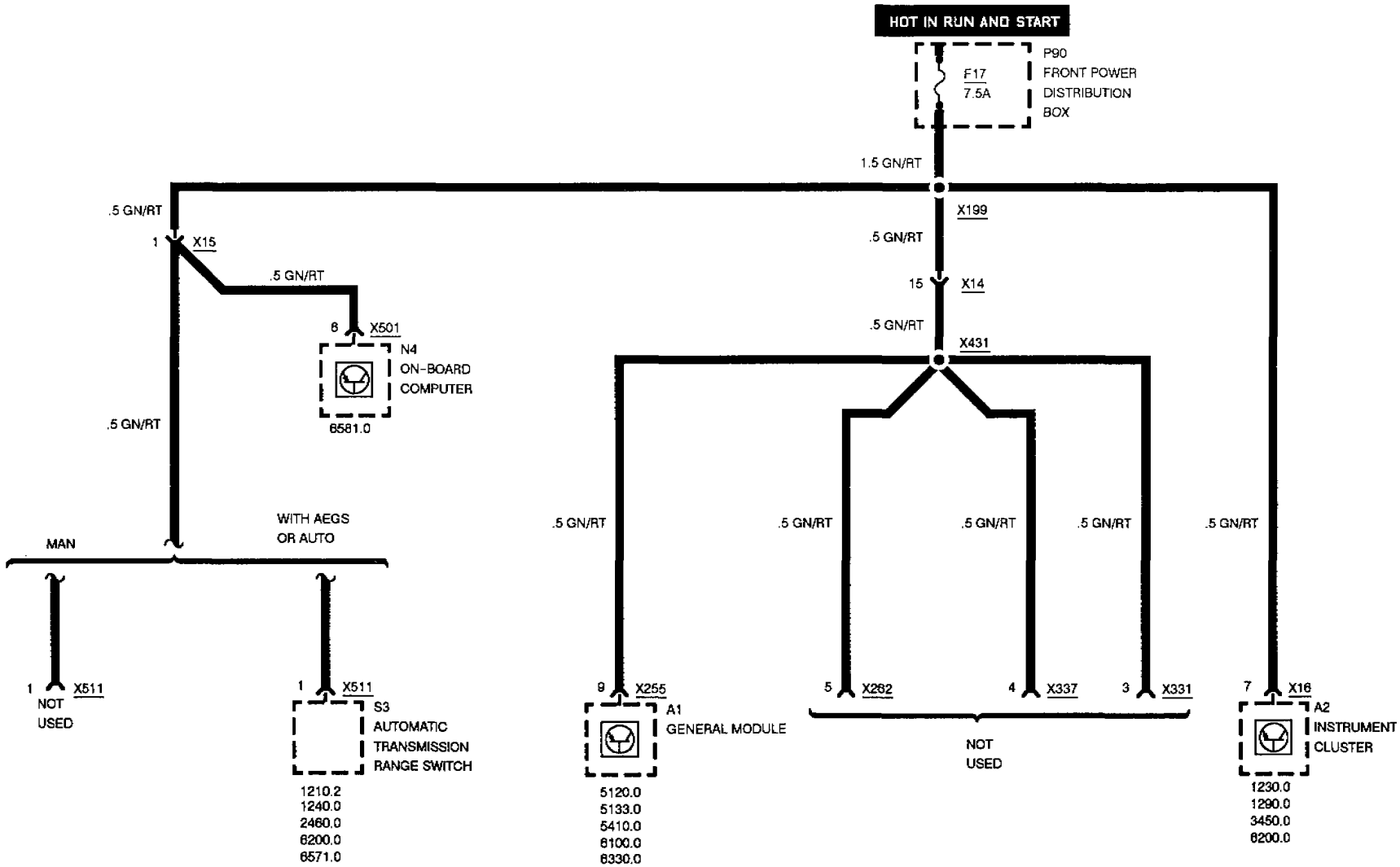
FUSE 16



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FUSE DETAILS

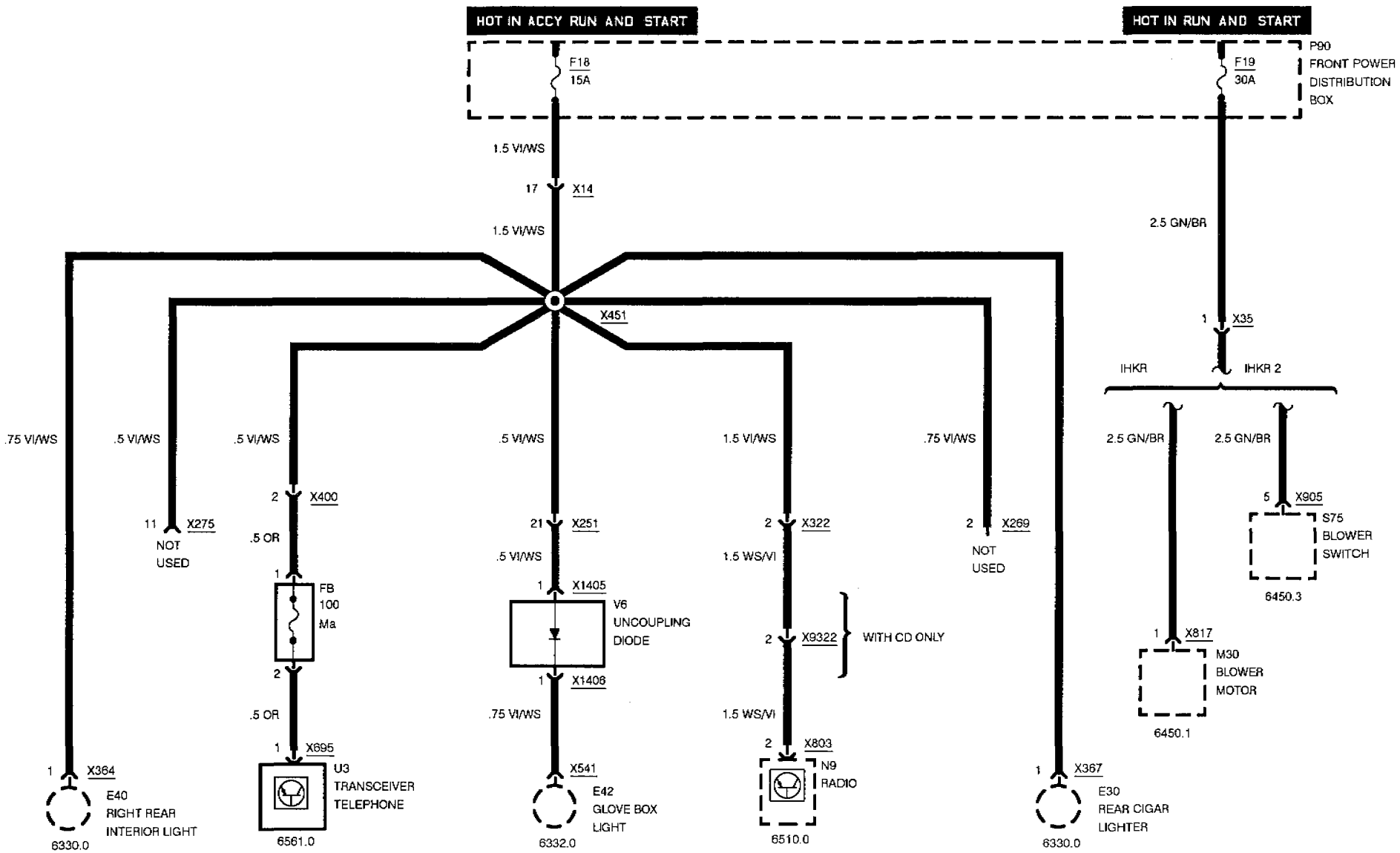
FUSE 17



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FUSE DETAILS

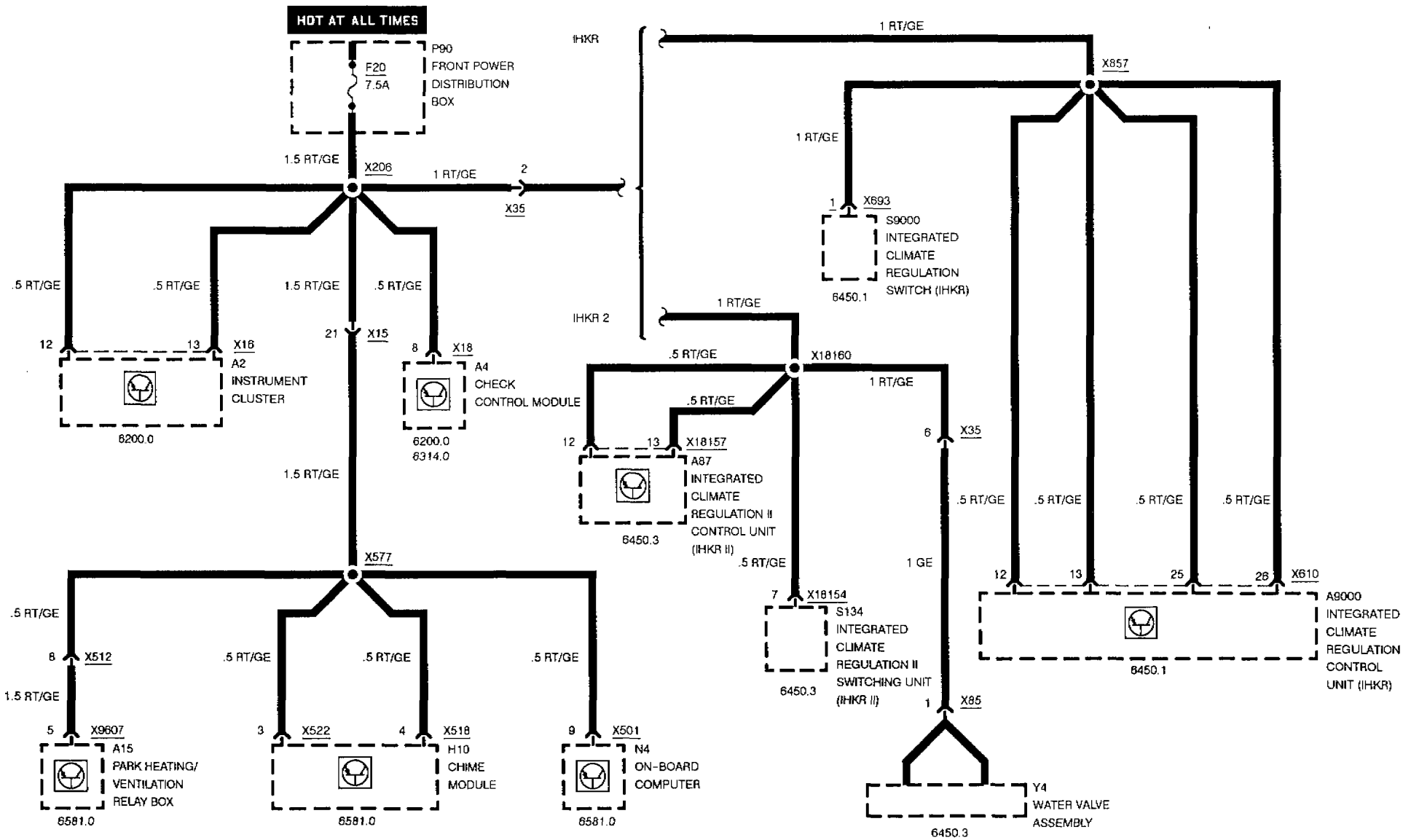
FUSES 18 AND 19



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FUSE DETAILS

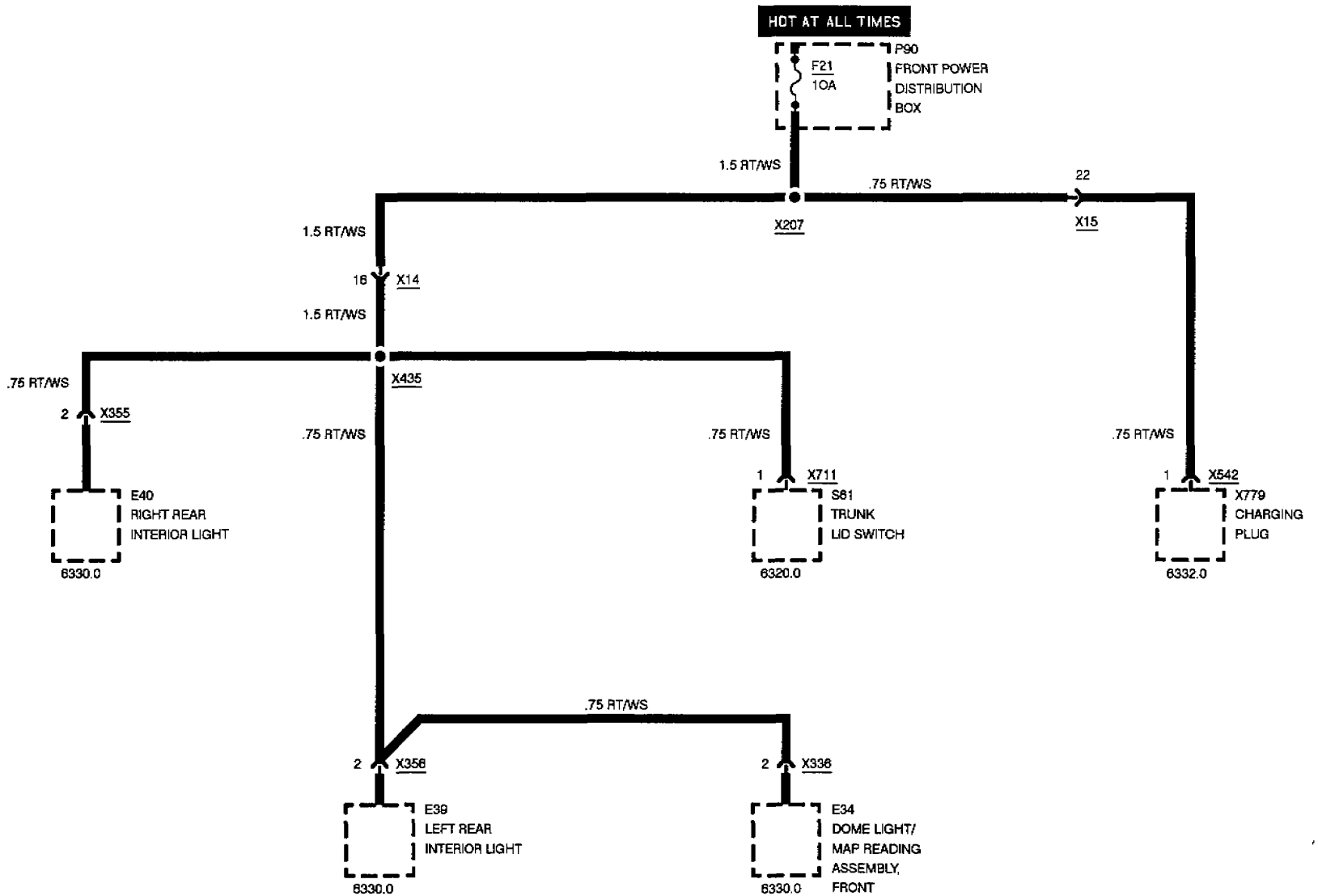
FUSE 20



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FUSE DETAILS

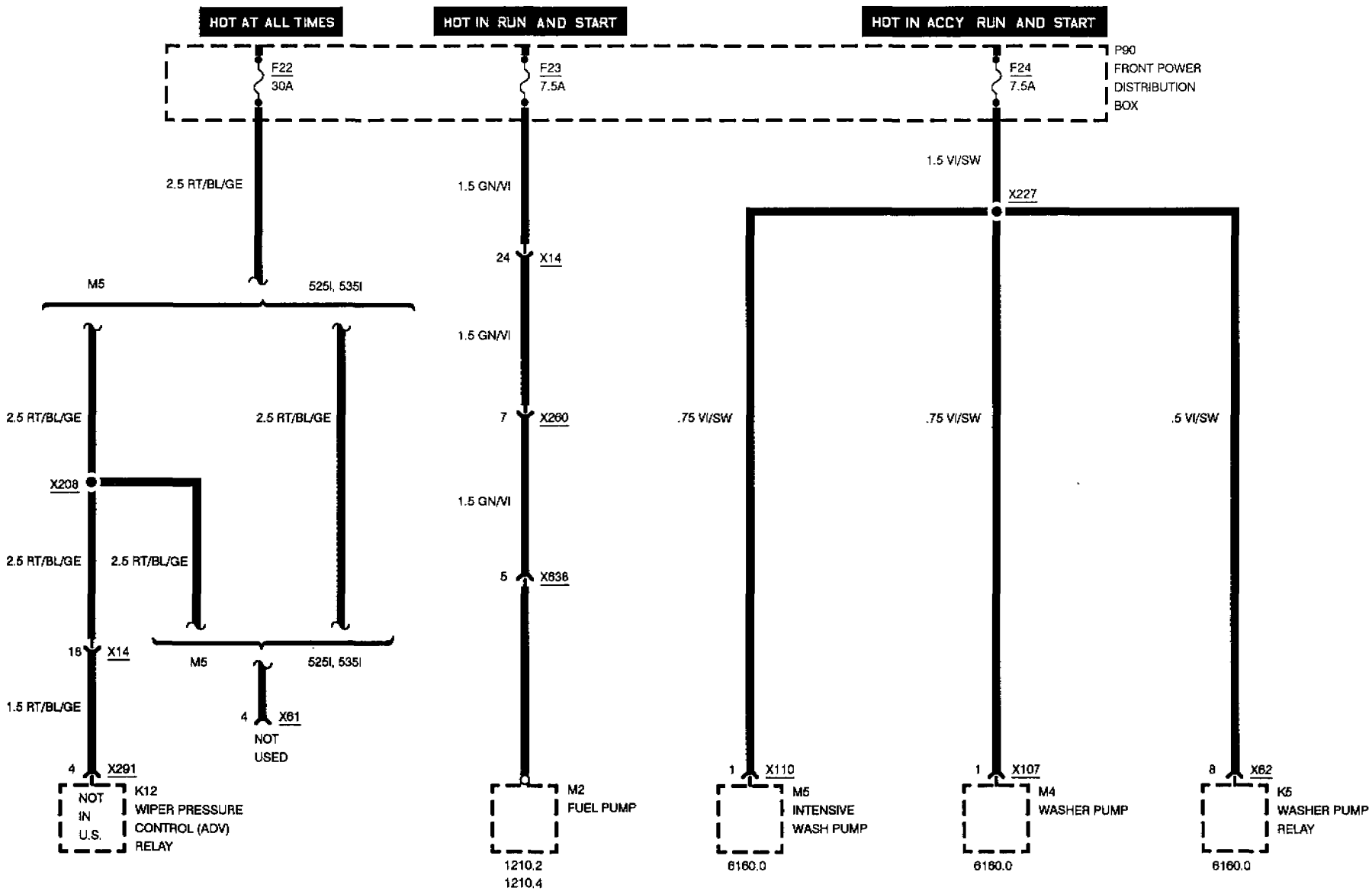
FUSE 21



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FUSE DETAILS

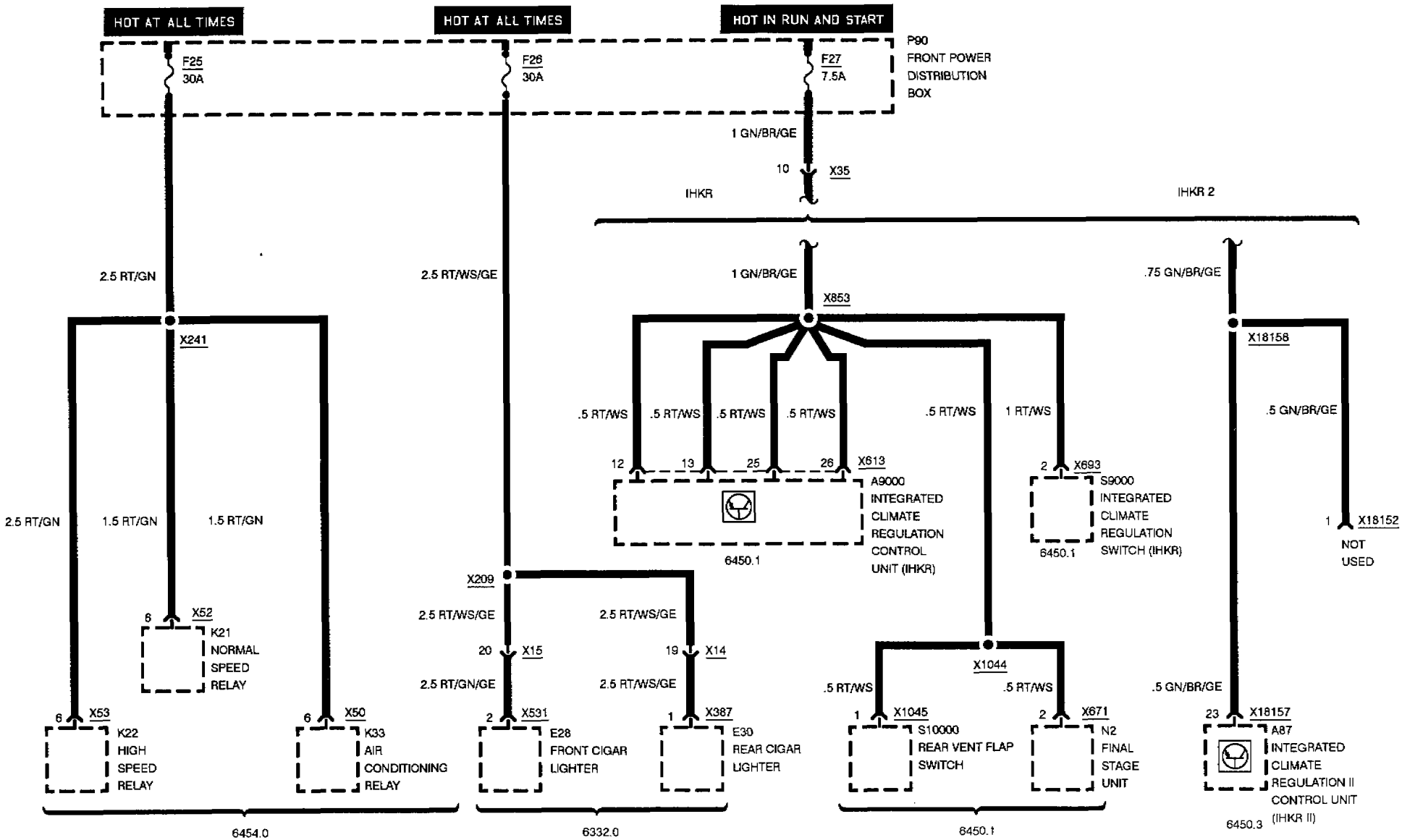
FUSES 22, 23 AND 24



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FUSE DETAILS

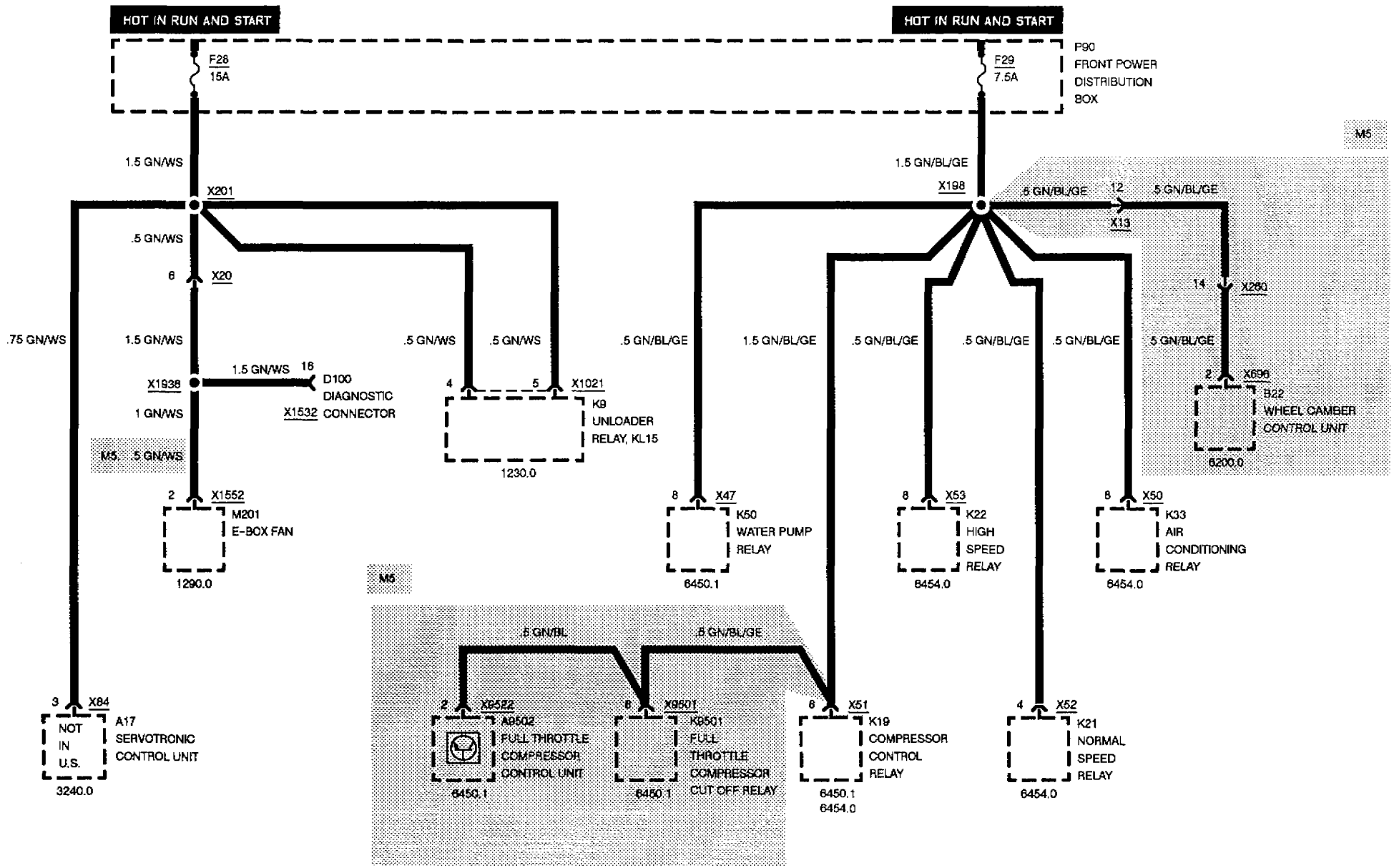
FUSES 25, 26 AND 27



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FUSE DETAILS

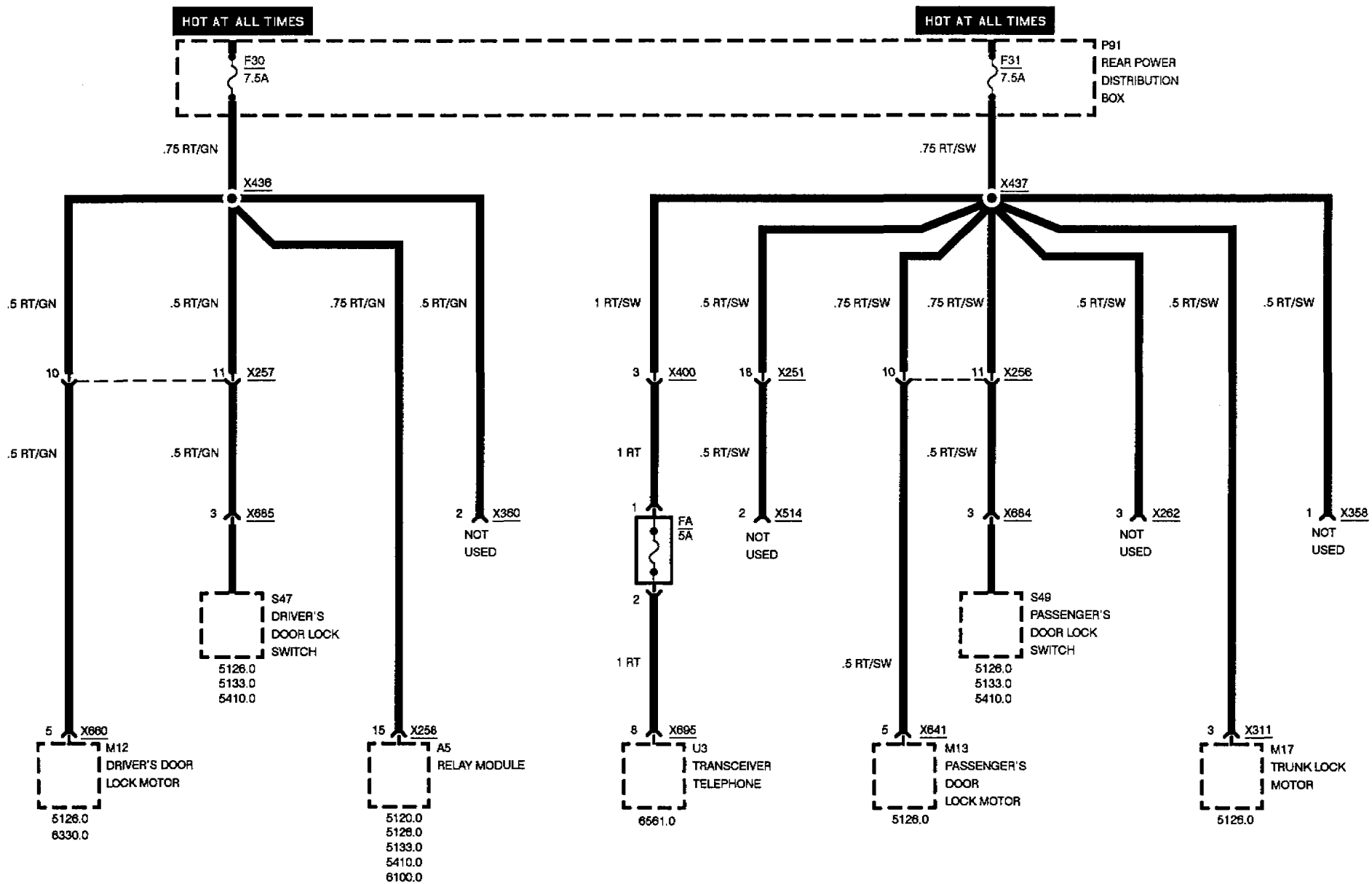
FUSES 28 AND 29



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FUSE DETAILS

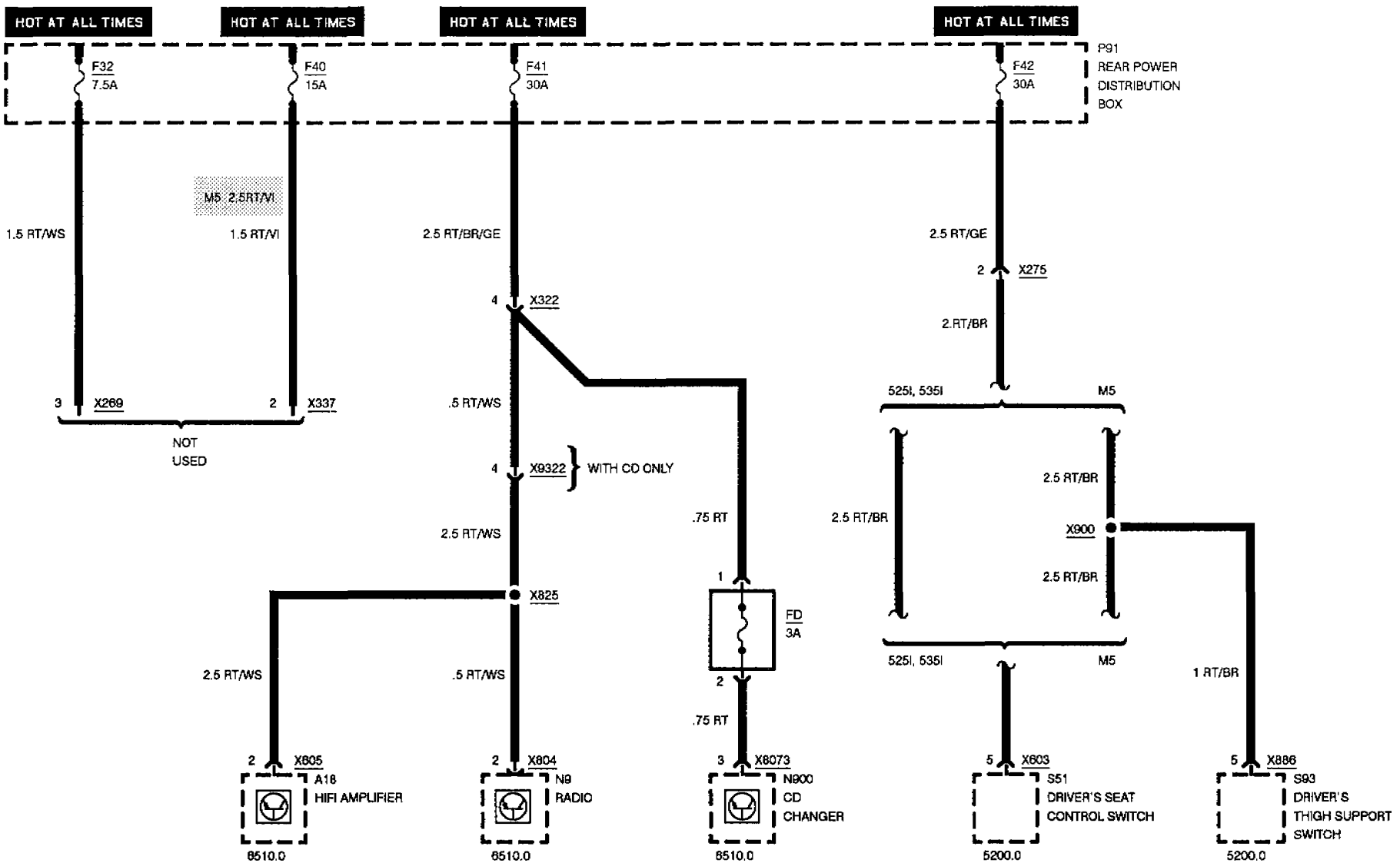
FUSES 30 AND 31



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FUSE DETAILS

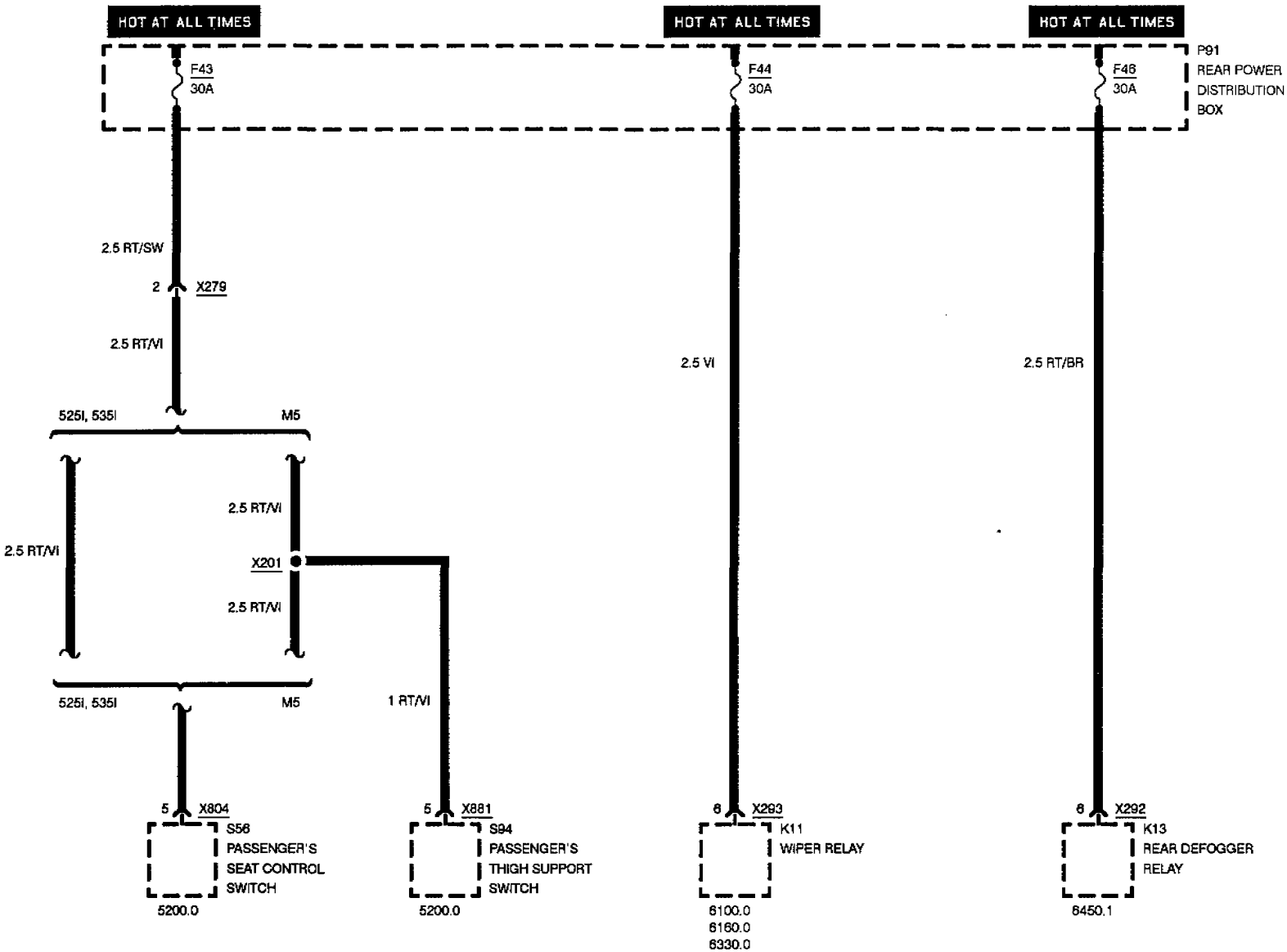
FUSES 32, 40, 41 AND 42



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FUSE DETAILS

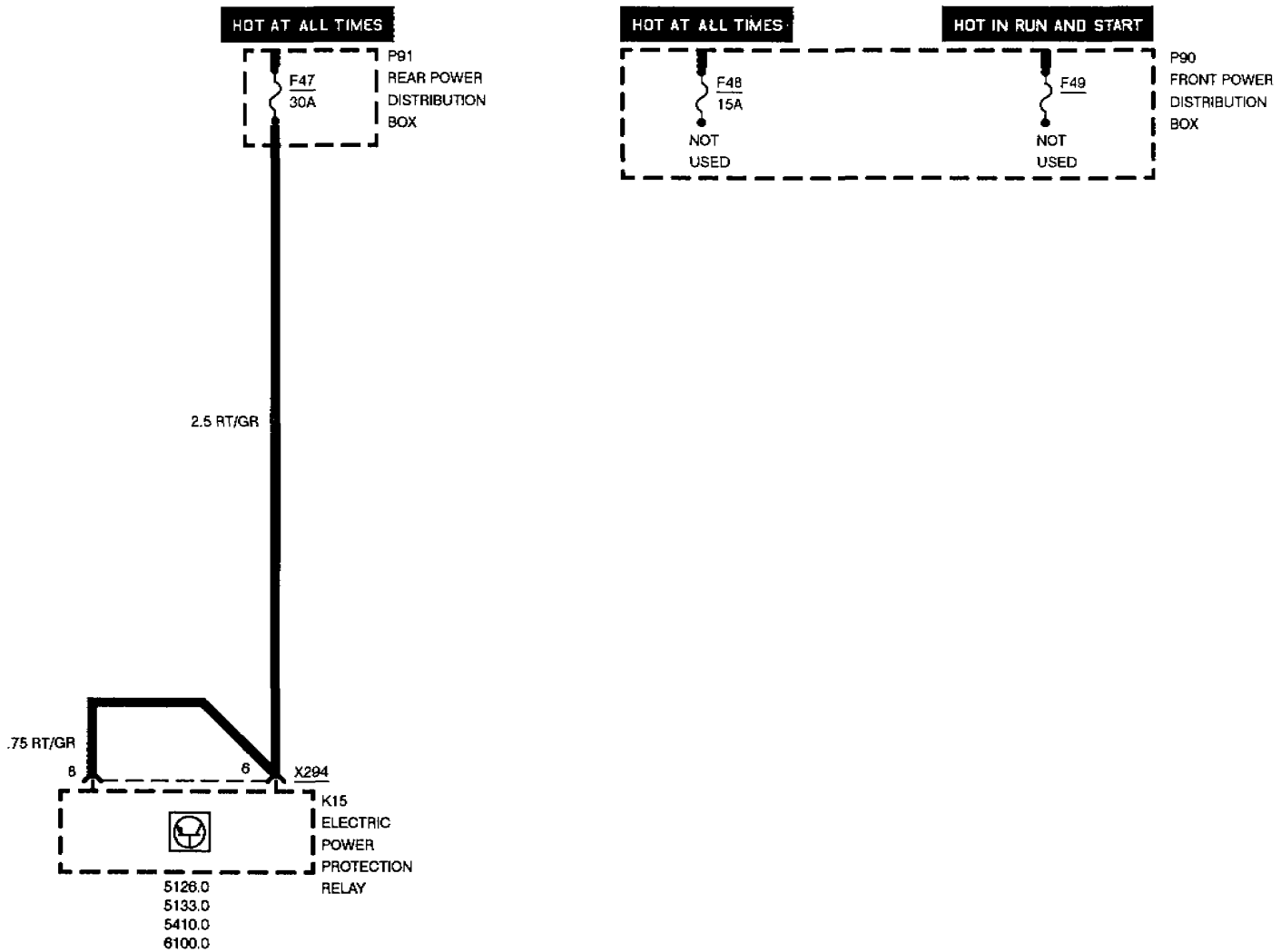
FUSES 43, 44 AND 46



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FUSE DETAILS

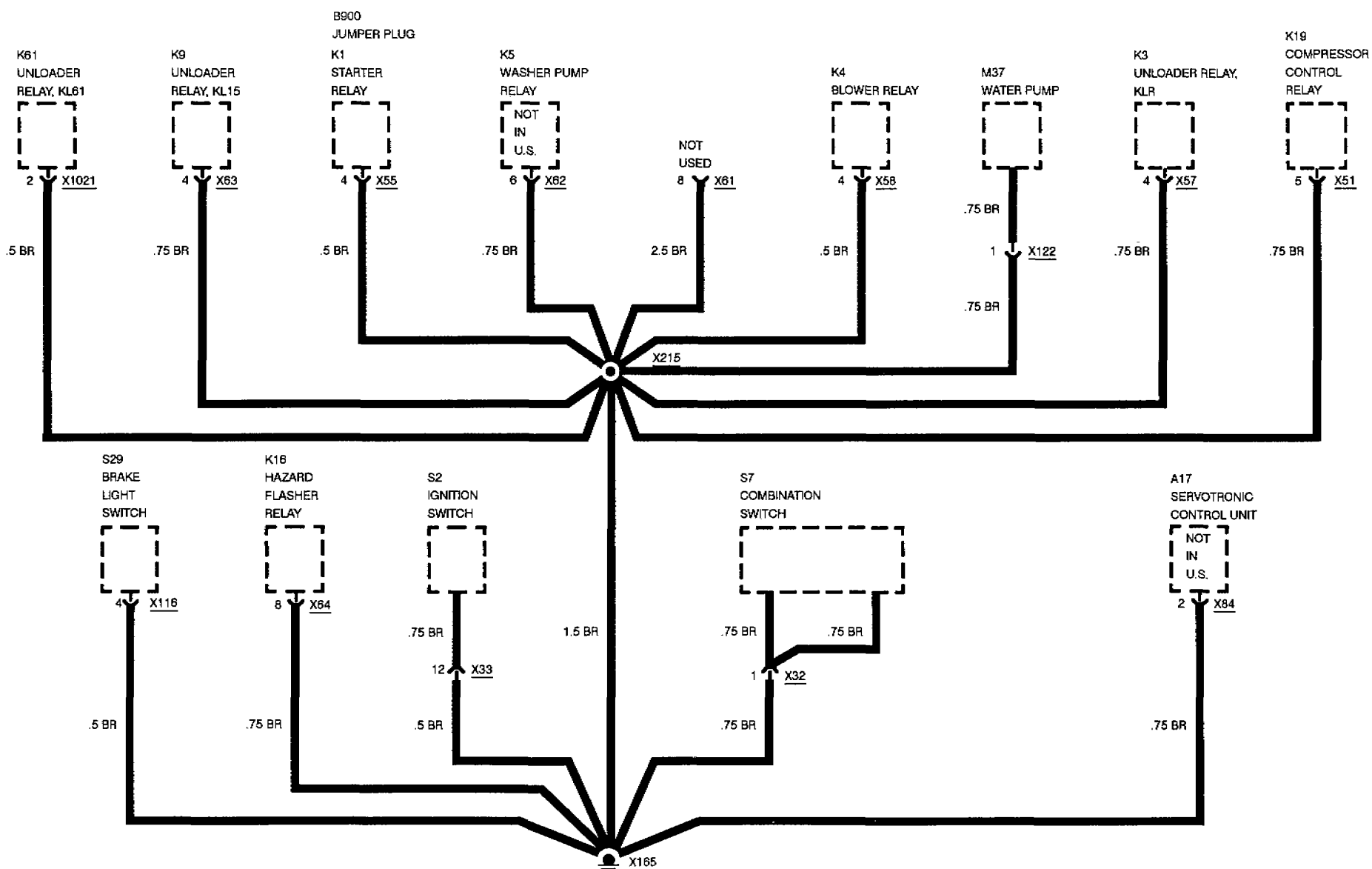
FUSES 47, 48 AND 49



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GROUND DISTRIBUTION

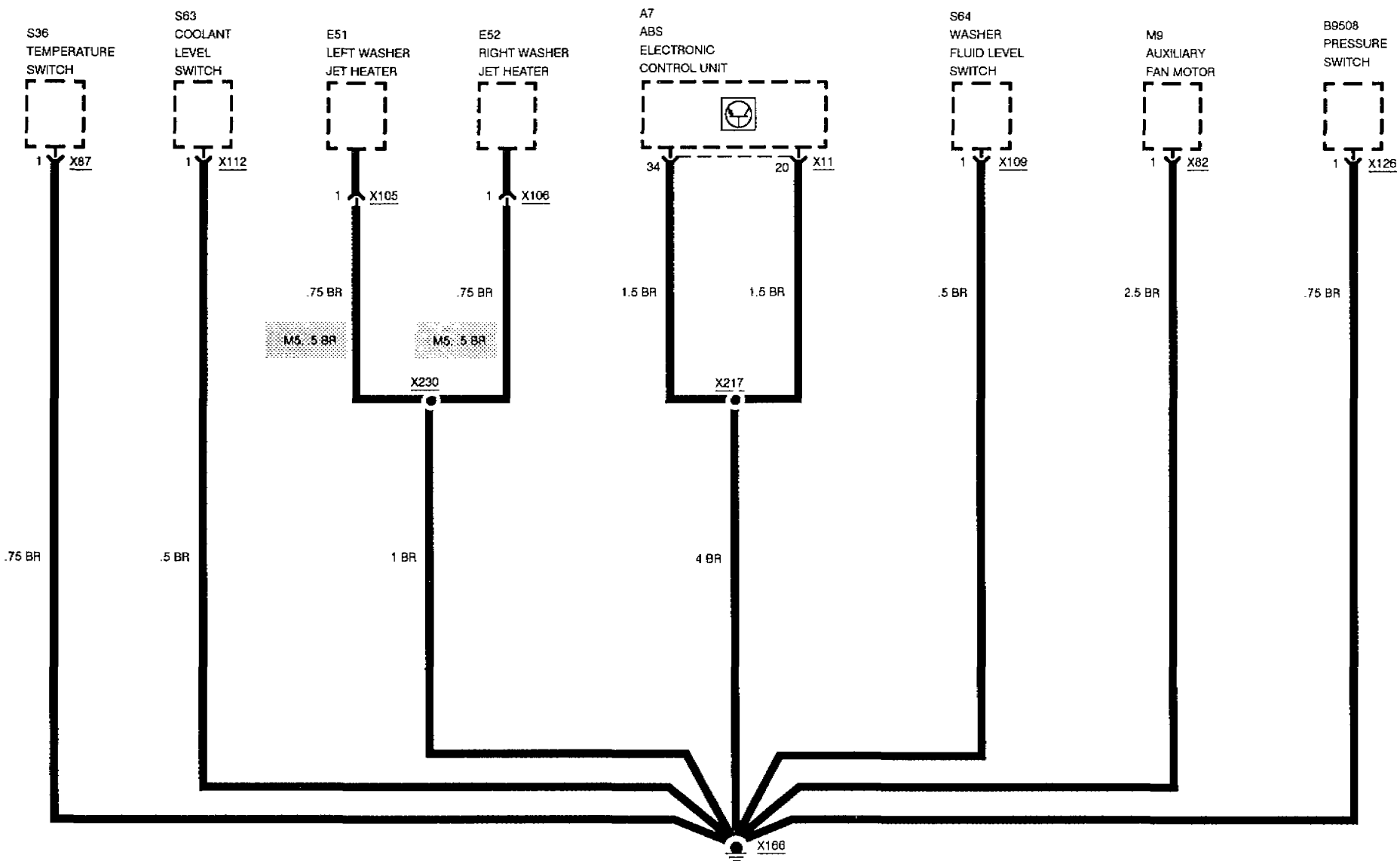
GROUND X165



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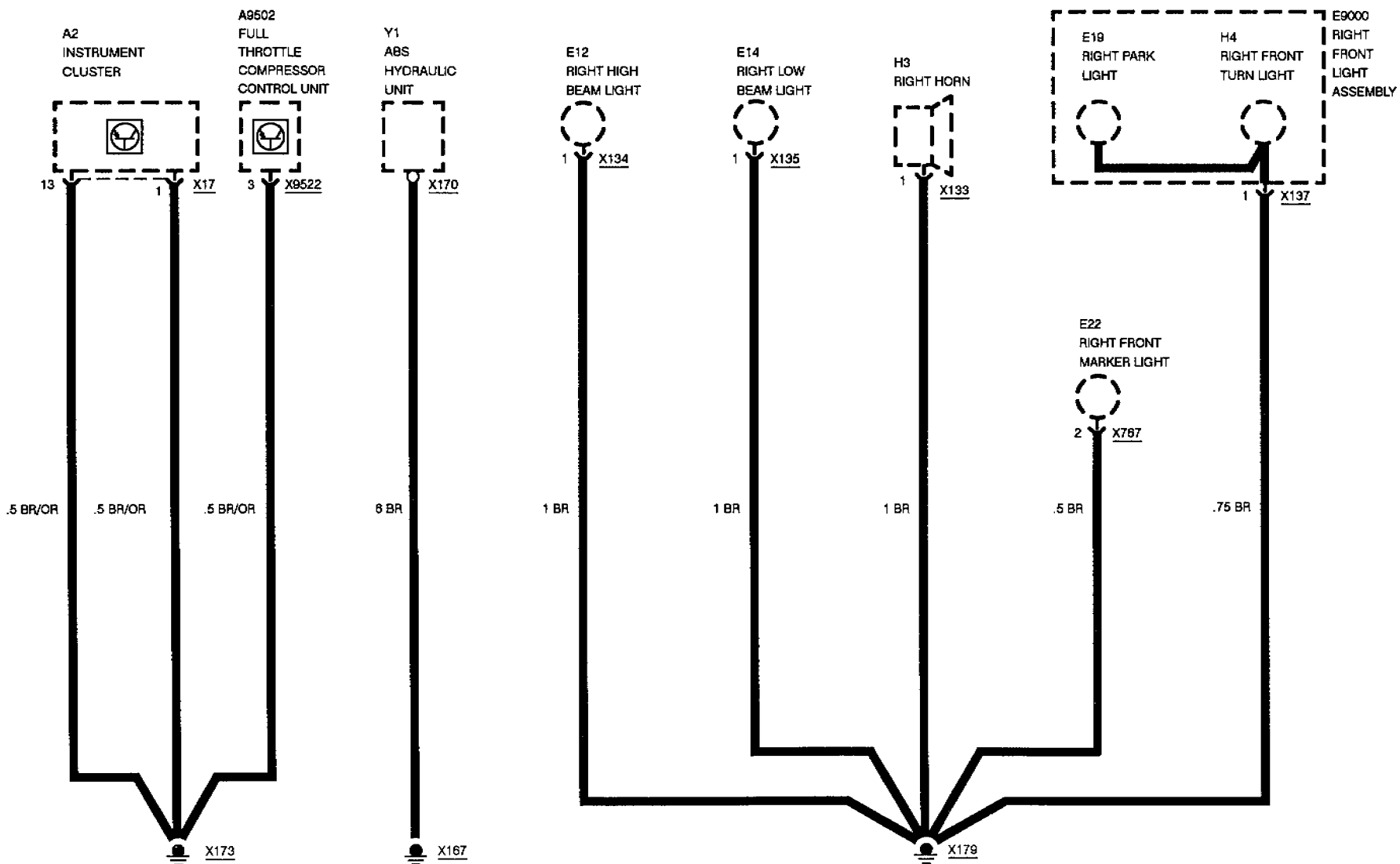
GROUND X166



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GROUND DISTRIBUTION

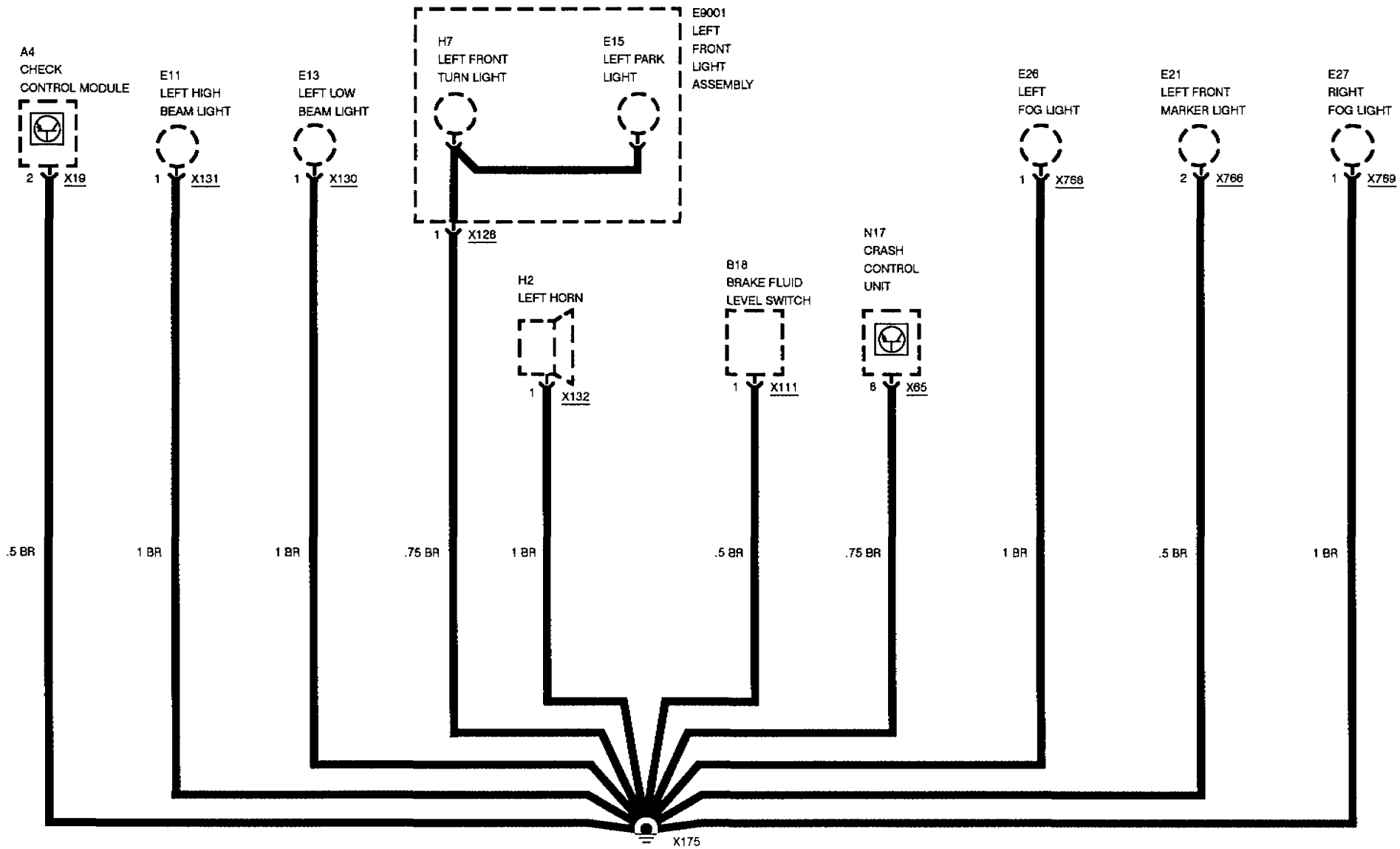
GROUNDS X167, X173 AND X179



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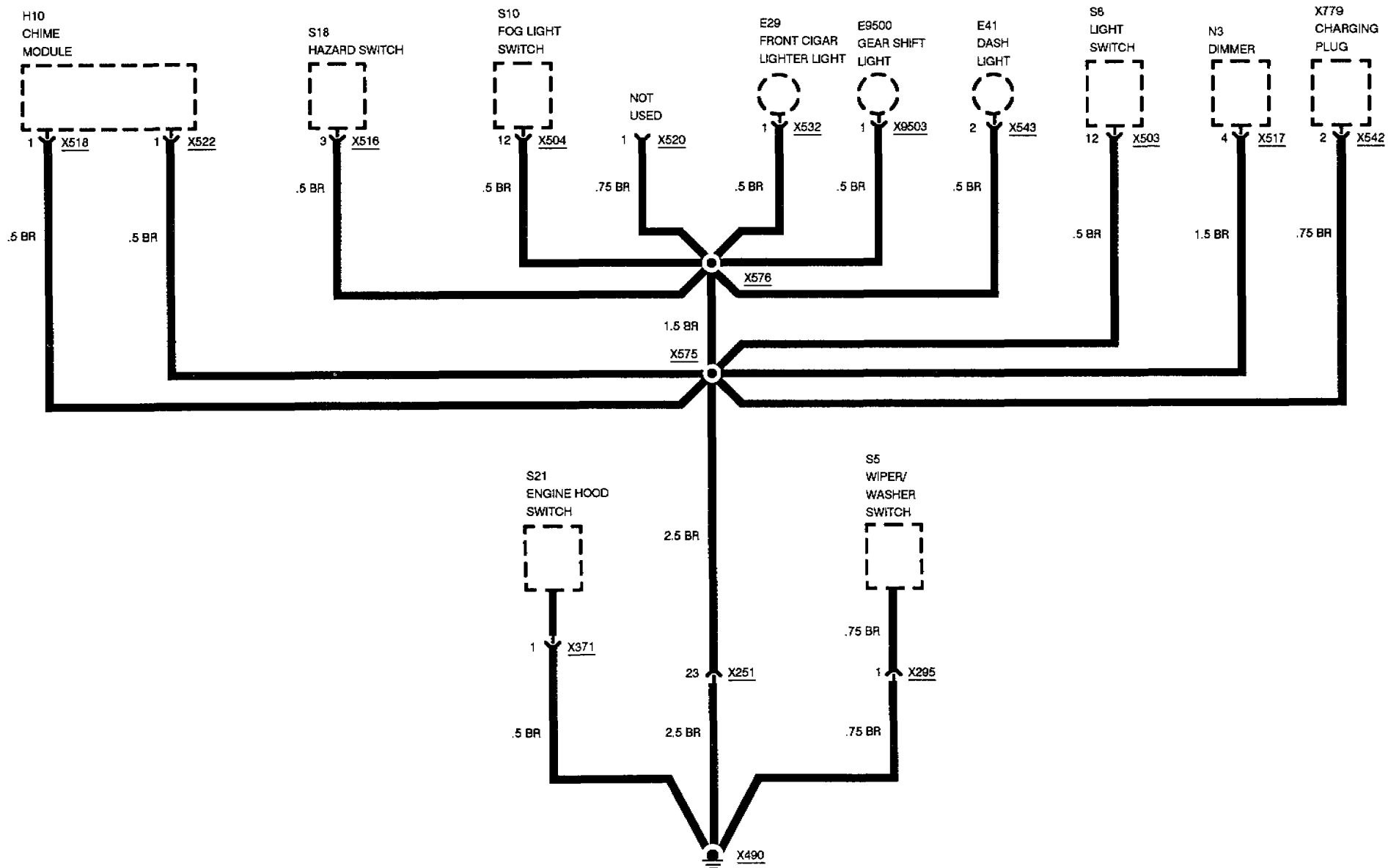
GROUND X175



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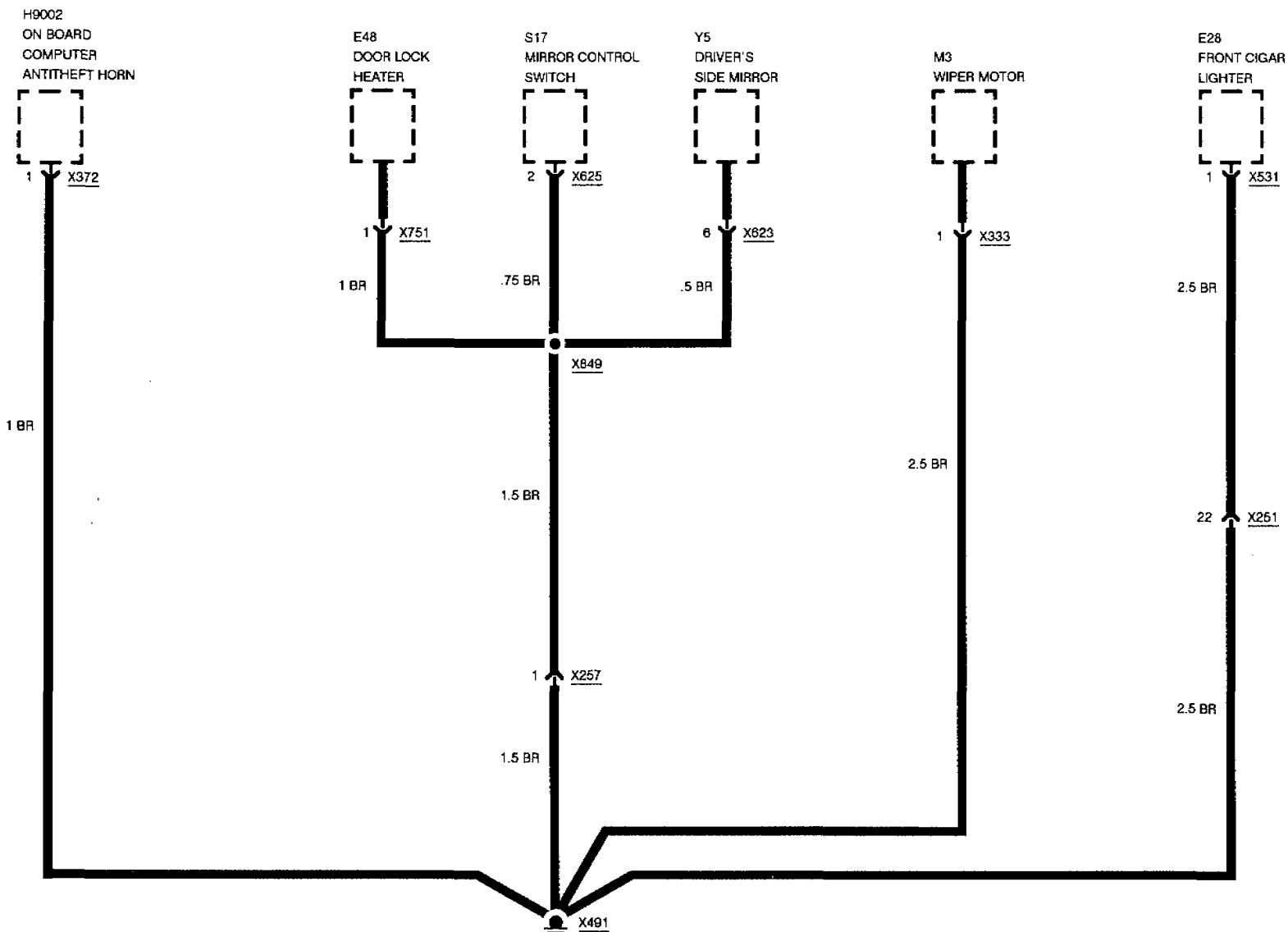
GROUND X490



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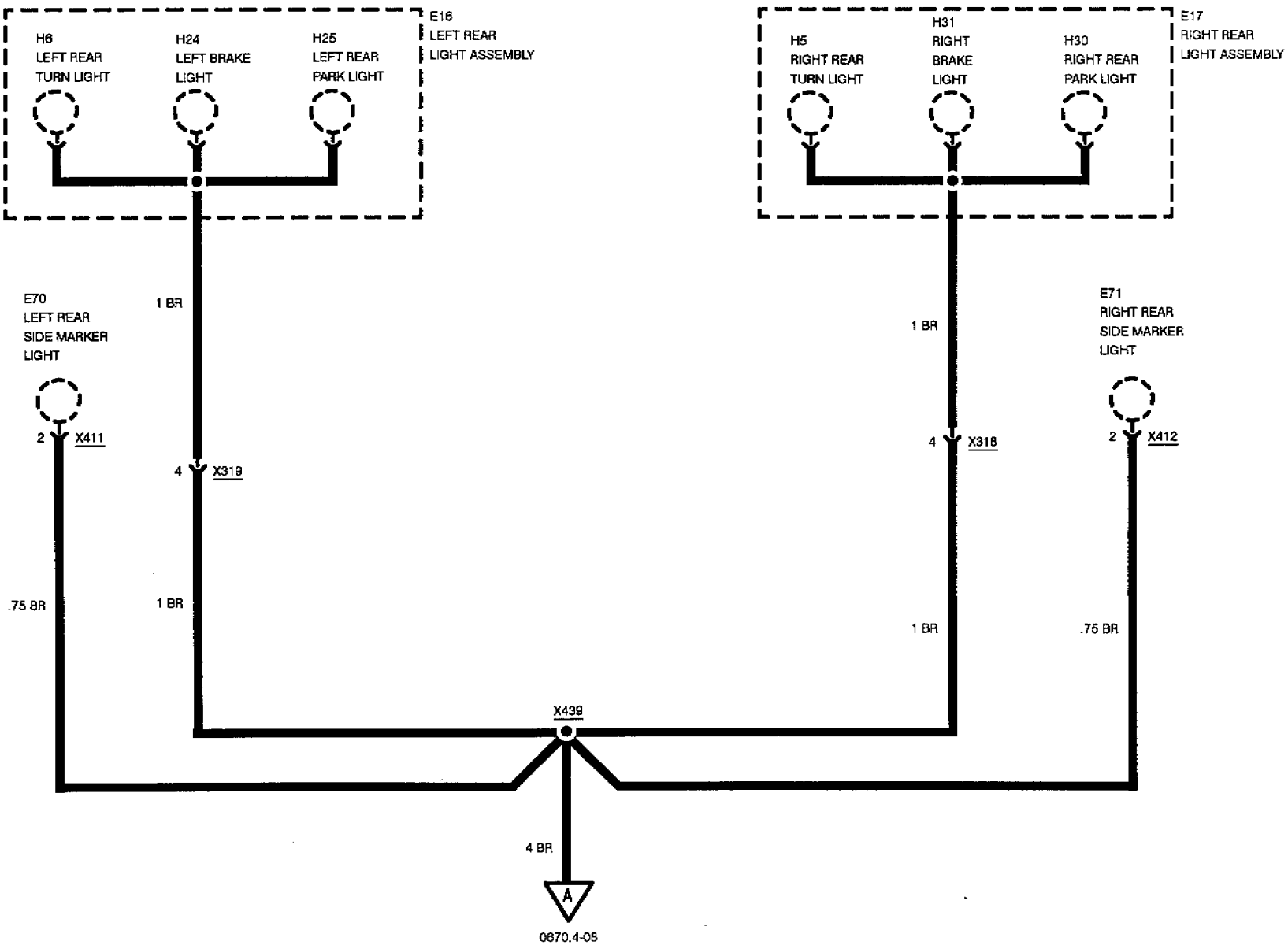
GROUND X491



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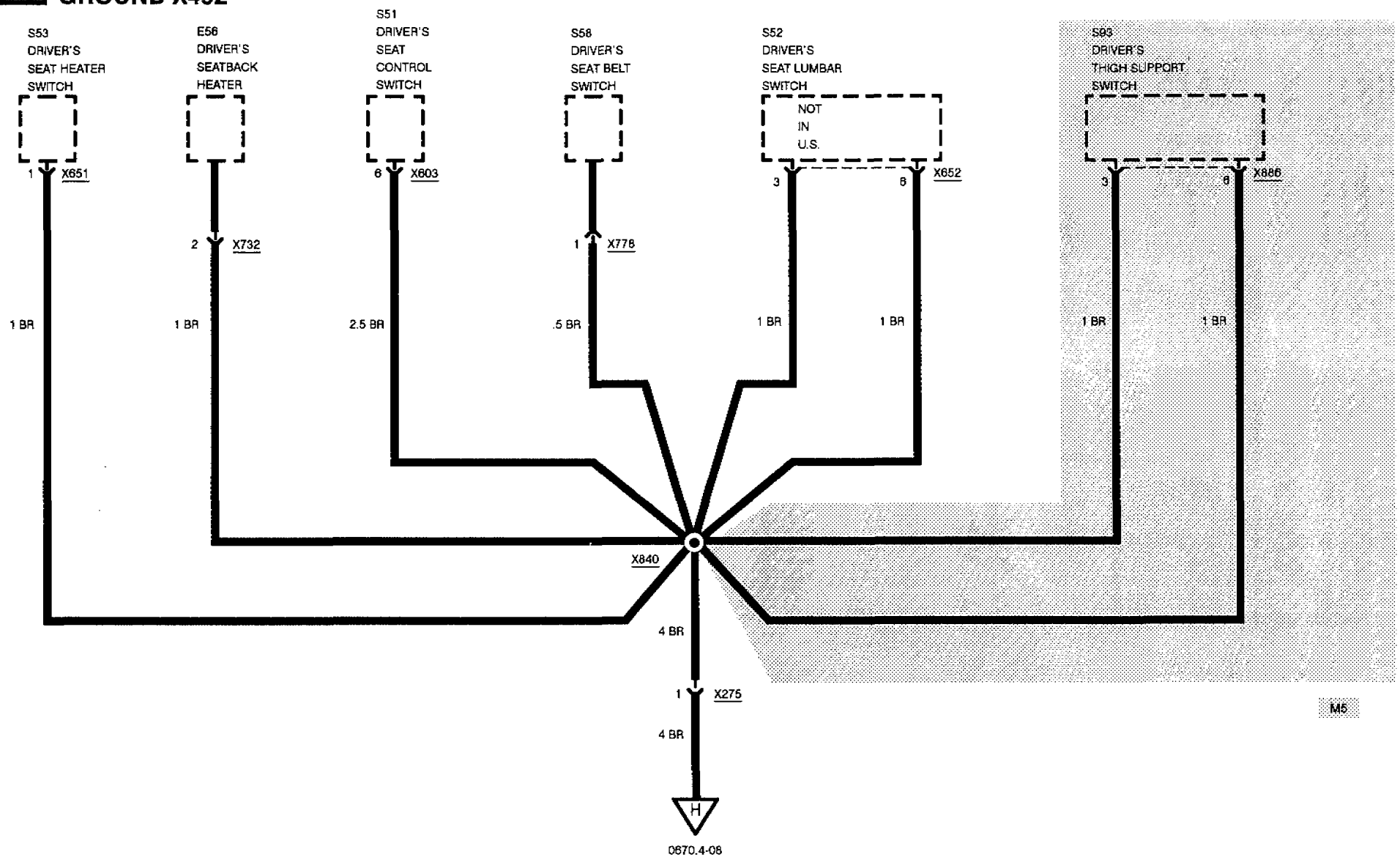
GROUND X492



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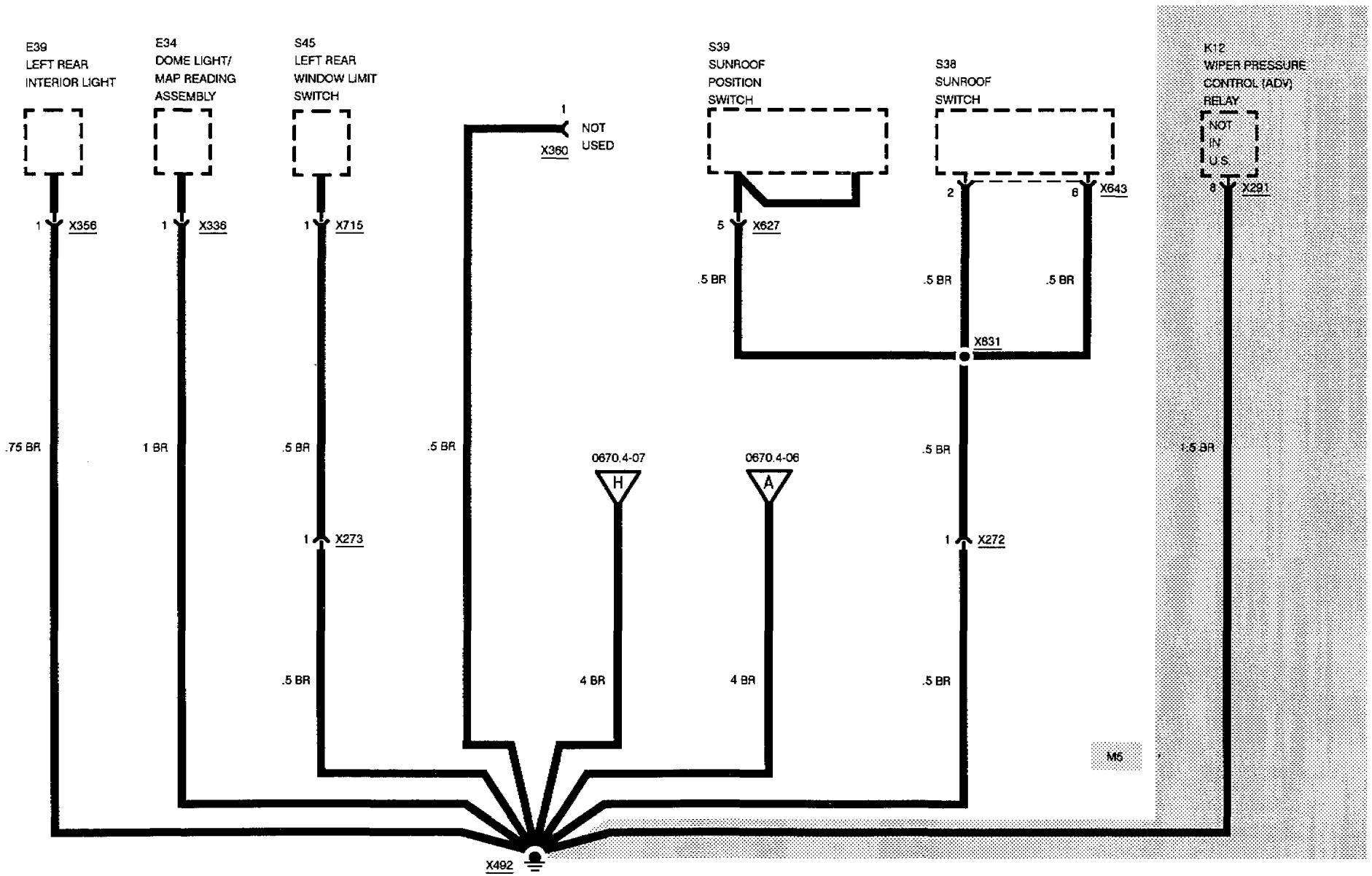
GROUND X492



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GROUND DISTRIBUTION

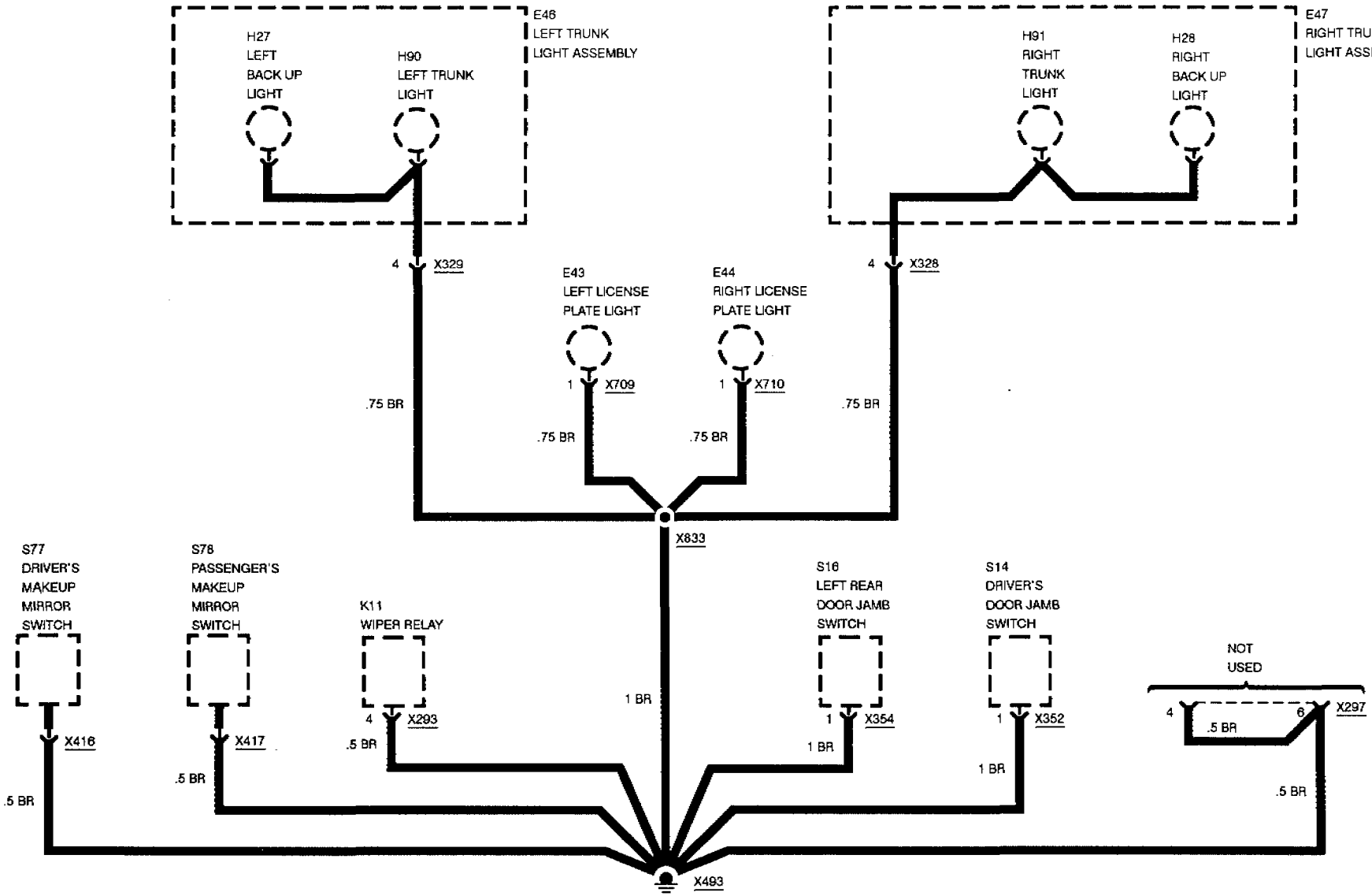
GROUND X492



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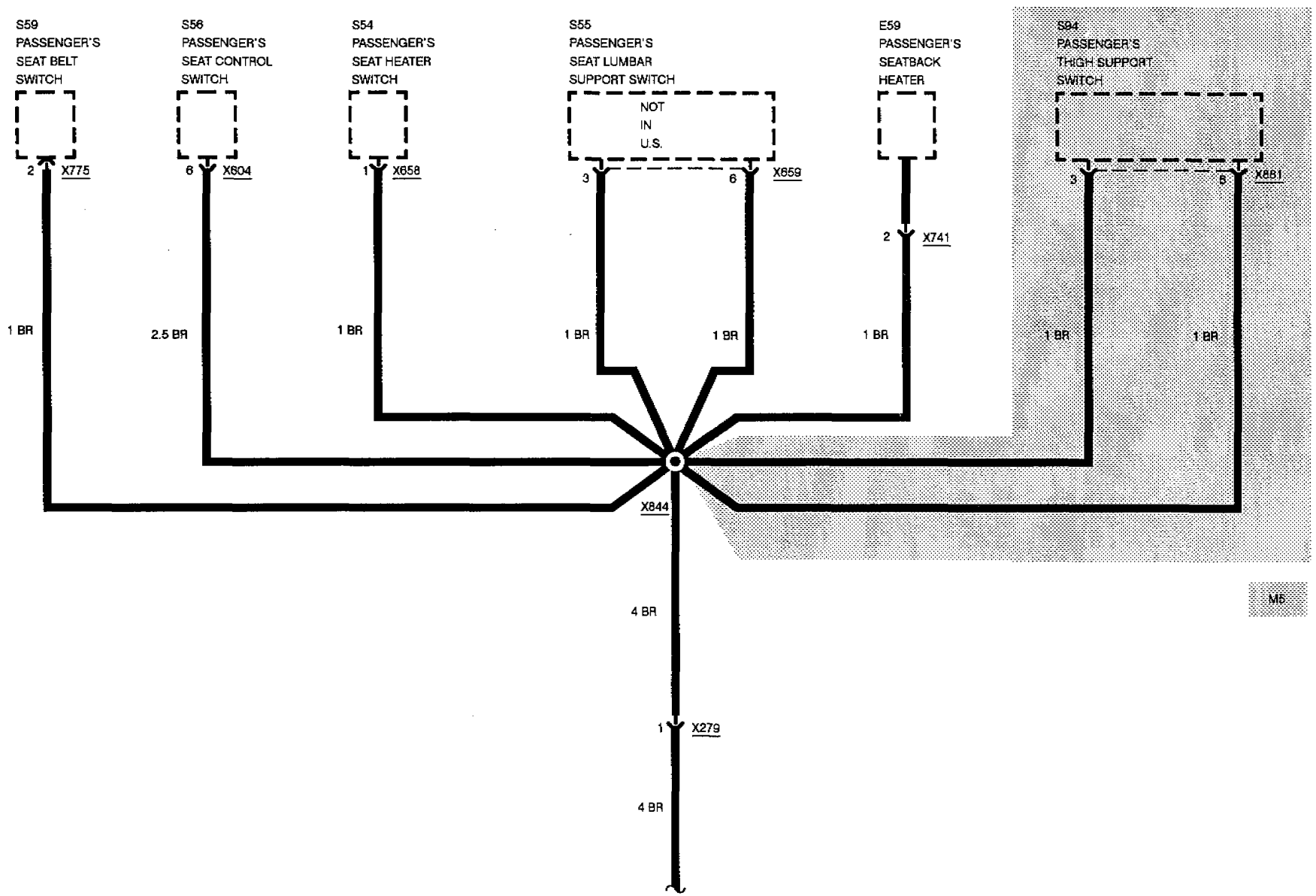
GROUND X493



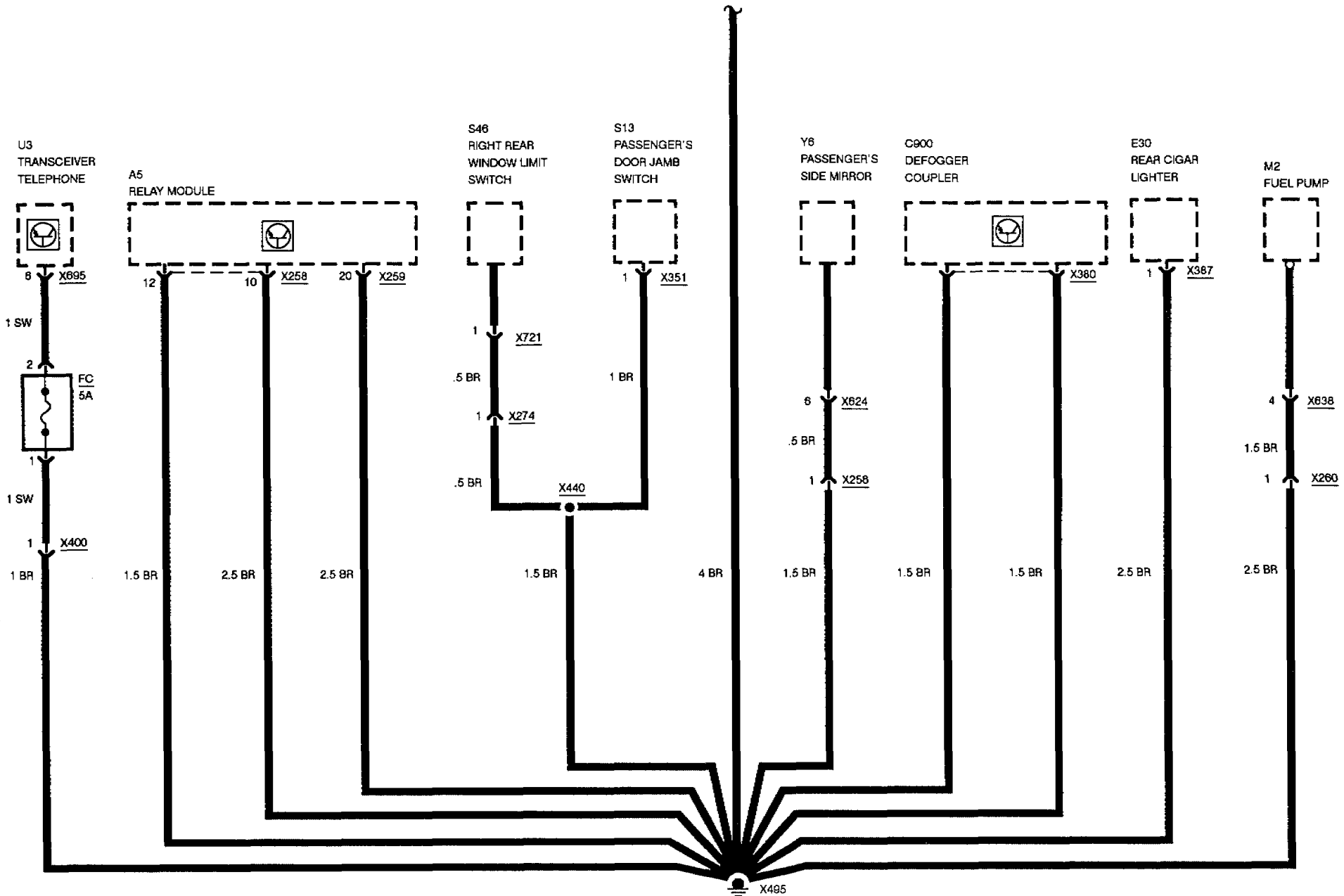
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GROUND DISTRIBUTION

GROUND X495



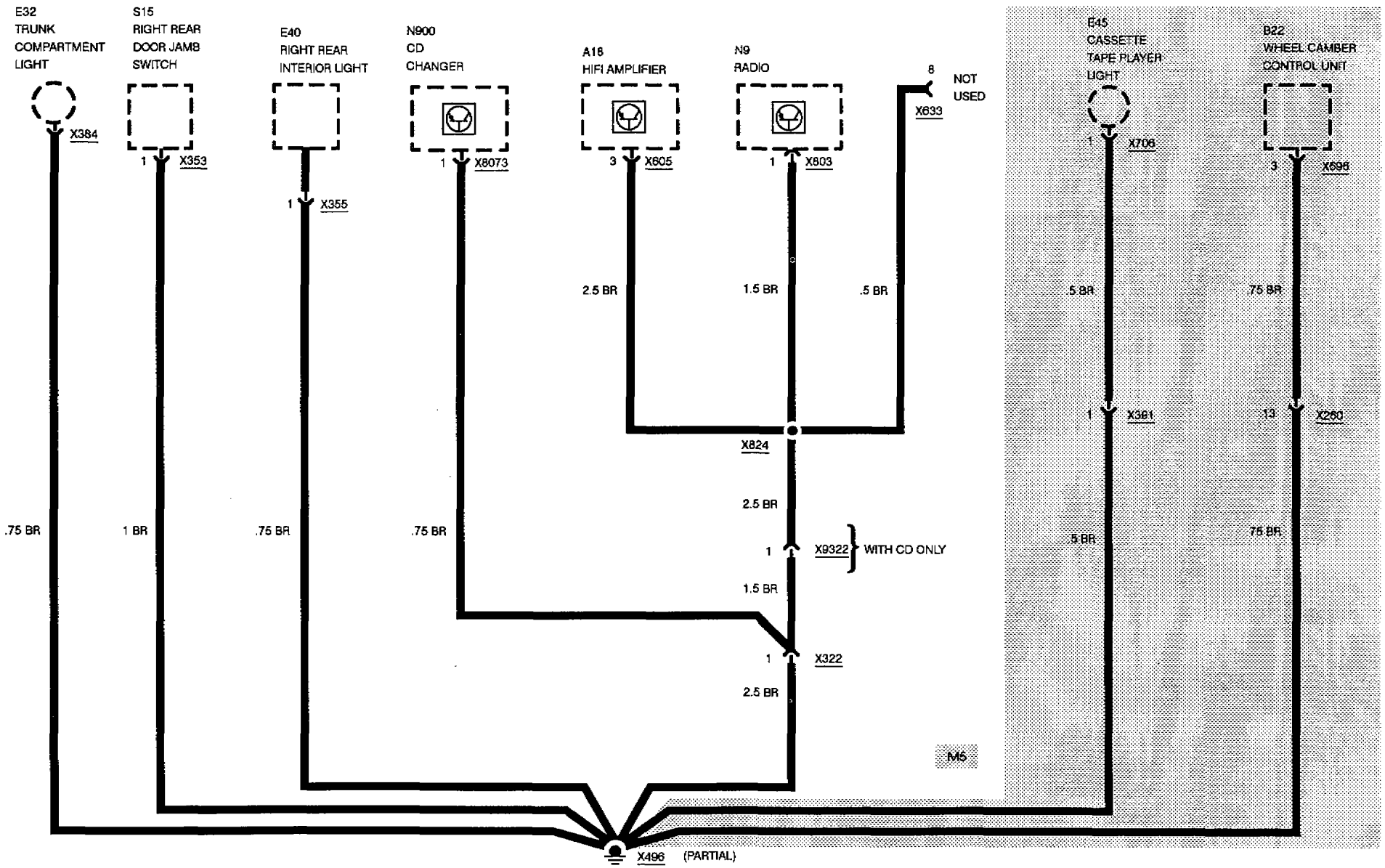
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U3
TRANSCEIVER
TELEPHONE
A5
RELAY MODULE
S46
RIGHT REAR
WINDOW LIMIT
SWITCH
S13
PASSENGER'S
DOOR JAMB
SWITCH
Y6
PASSENGER'S
SIDE MIRROR
C900
DEFOGGER
COUPLER
E30
REAR CIGAR
LIGHTER
M2
FUEL PUMP
8 X695
1 SW
2
FC
5A
1
1 SW
1 X400
1 BR
12
10 X258
20 X259
1.5 BR
2.5 BR
2.5 BR
1 X351
1 X721
.5 BR
1 X274
.5 BR
X440
1 BR
1.5 BR
4 BR
6 X624
.5 BR
1 X258
1.5 BR
X380
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1 X387
2.5 BR
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1 X260
2.5 BR
X495

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GROUND DISTRIBUTION

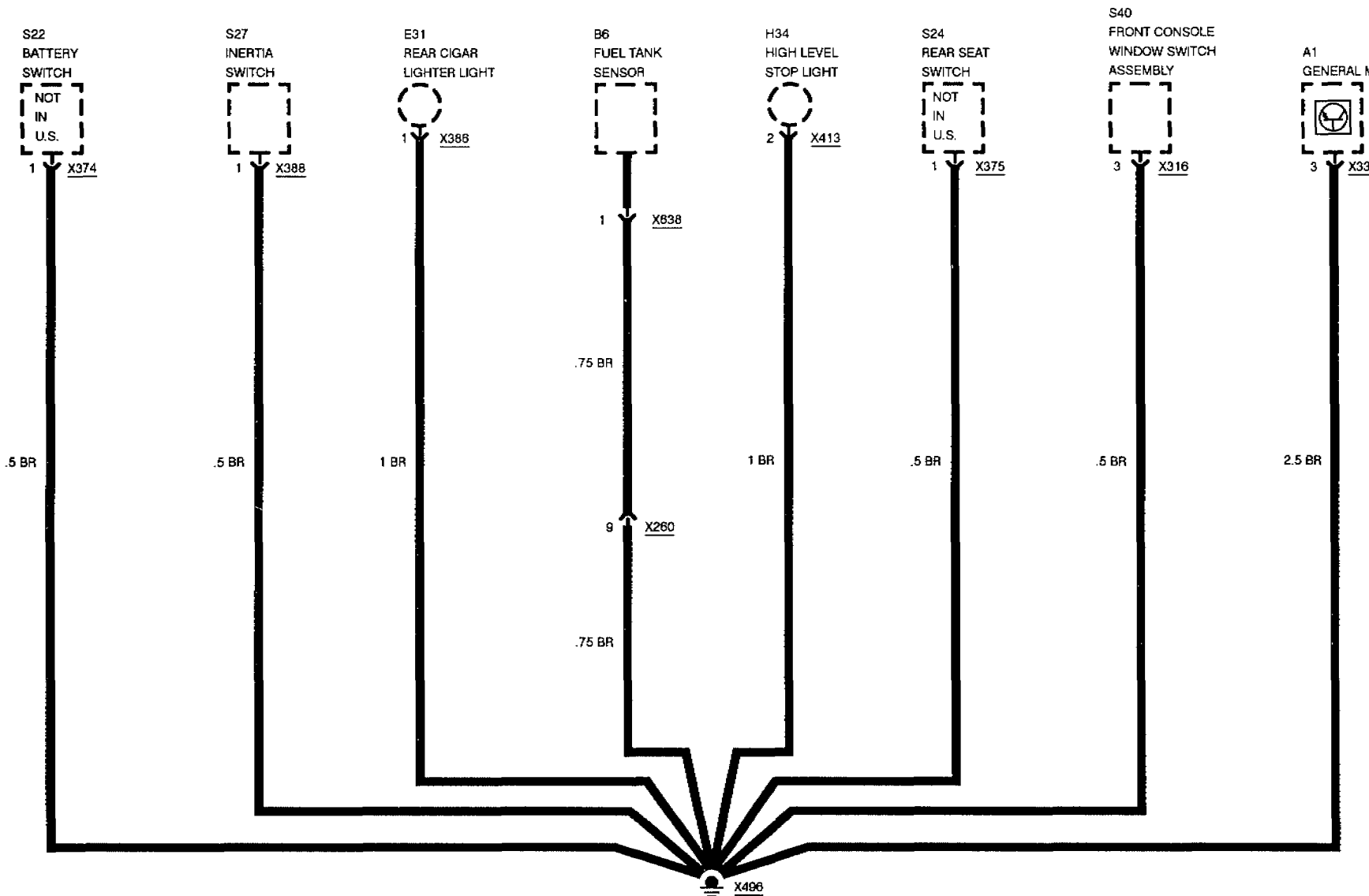
GROUND X496



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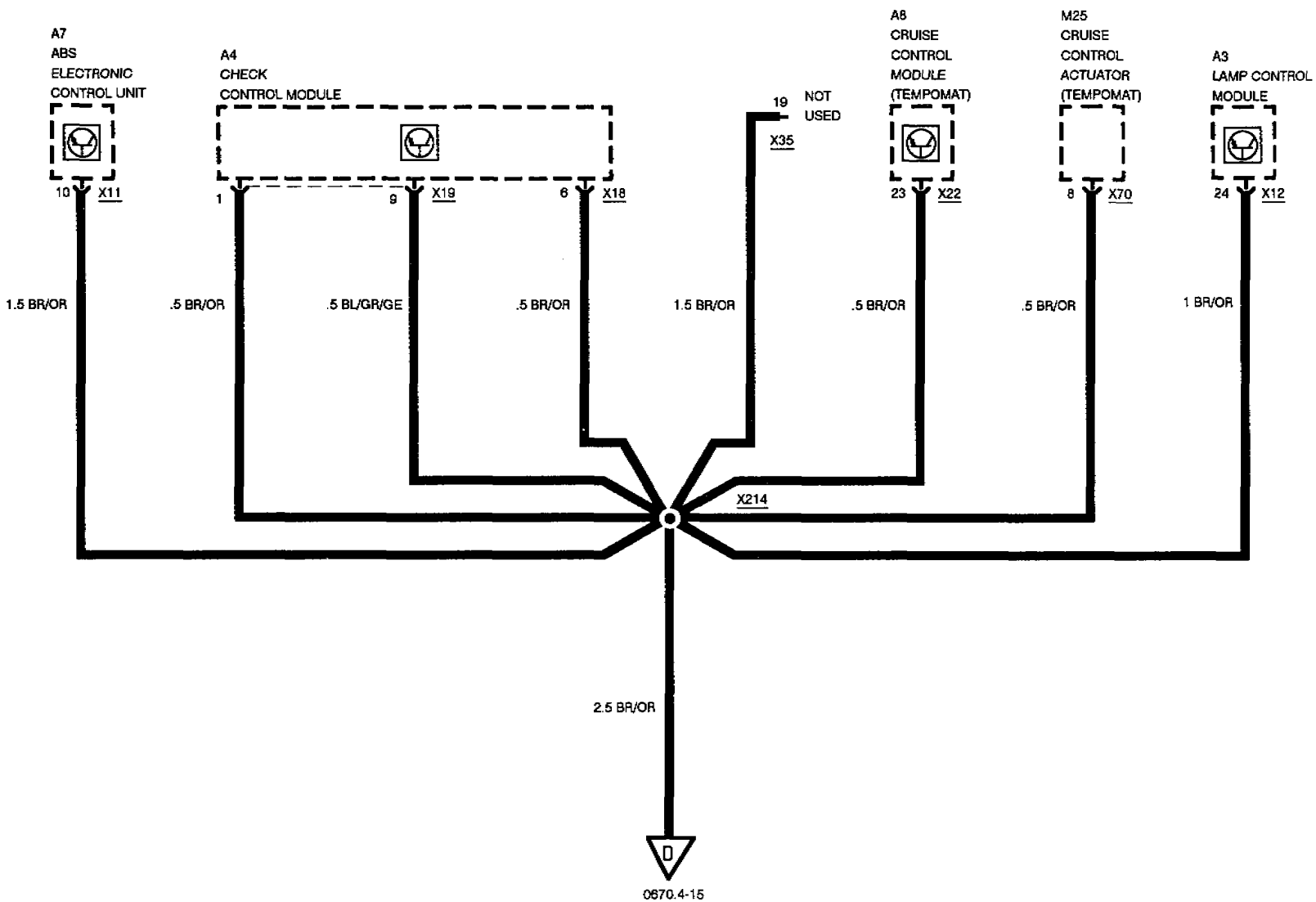
GROUND X496



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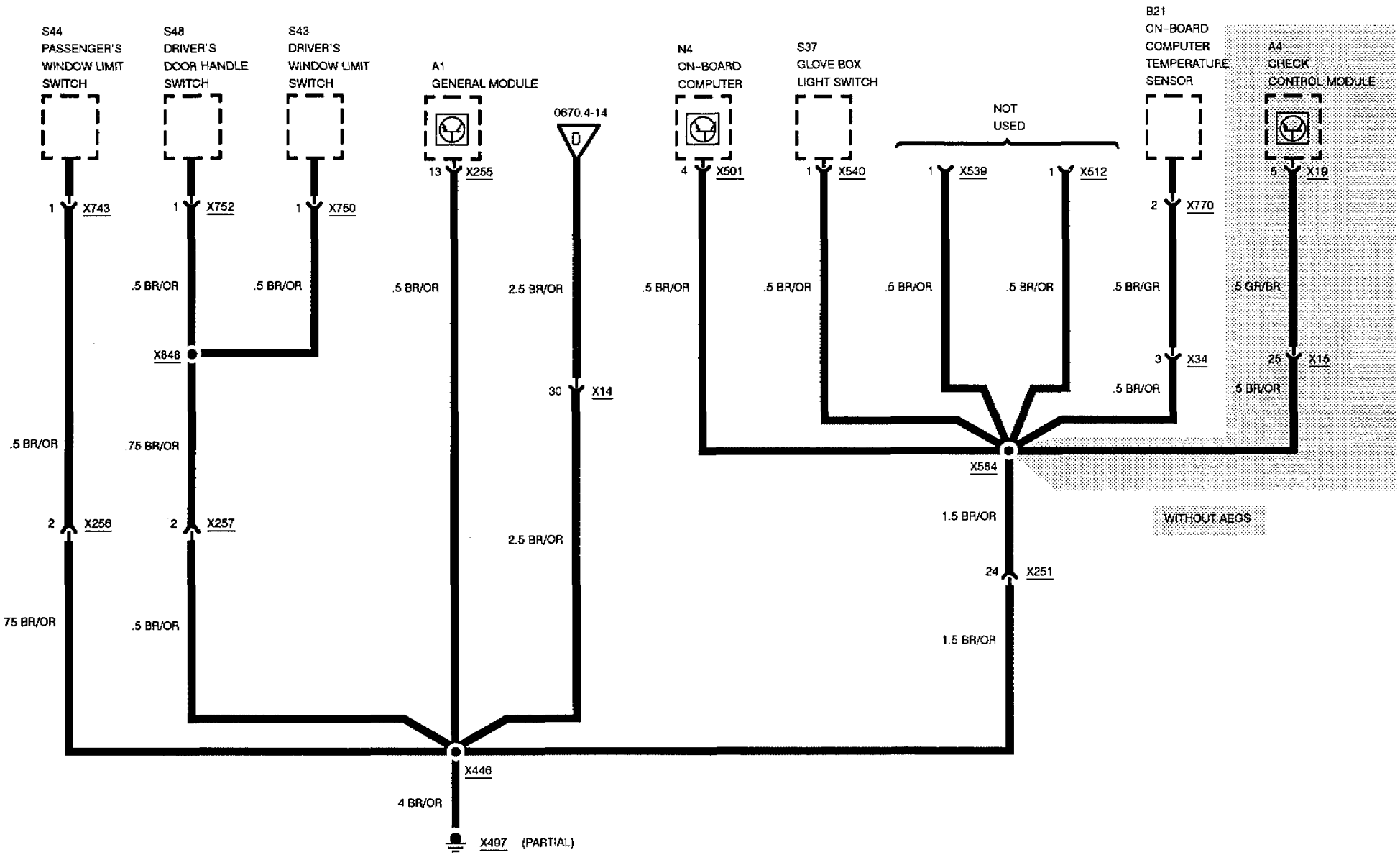
GROUND X497



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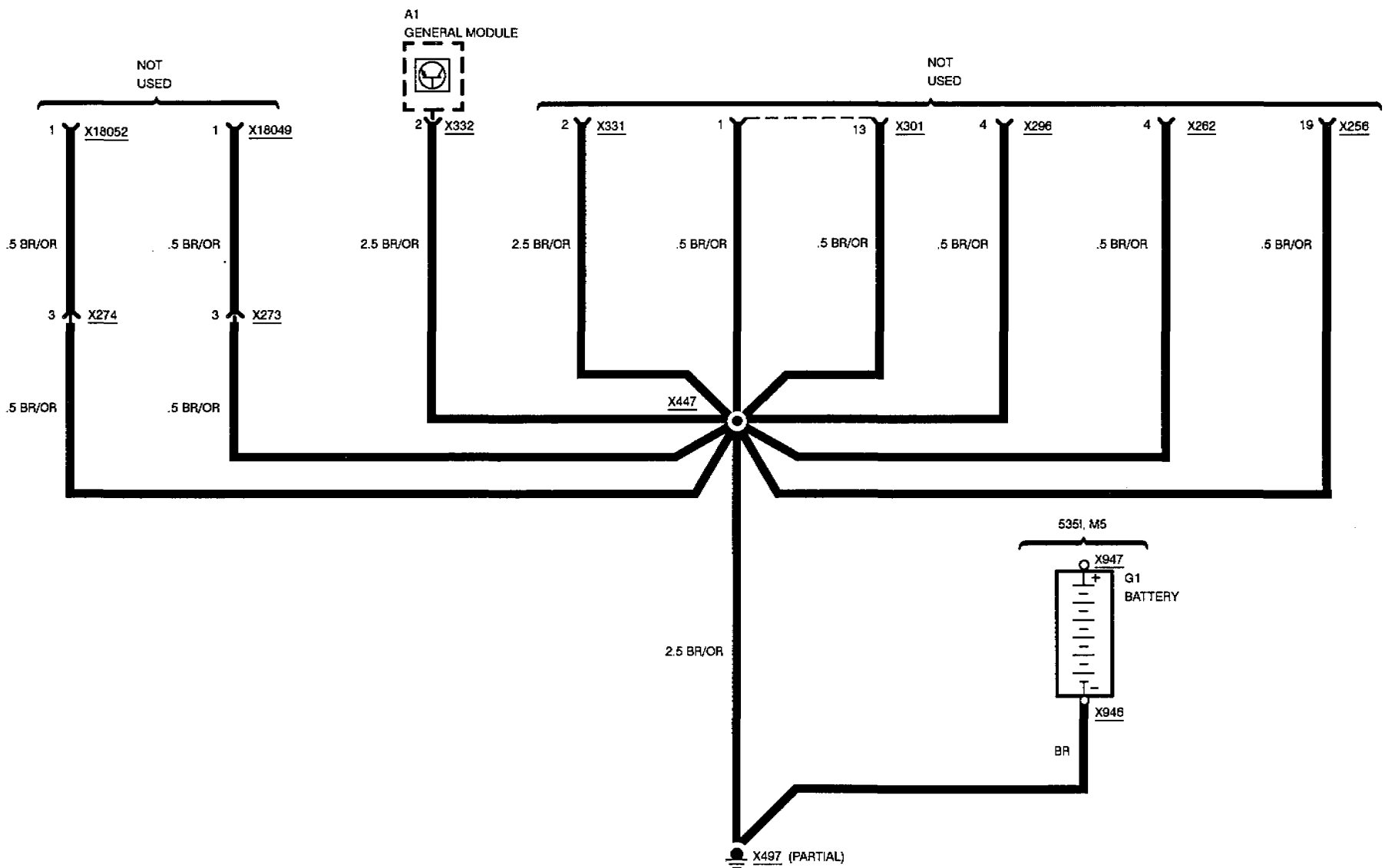
GROUND DISTRIBUTION

GROUND X497



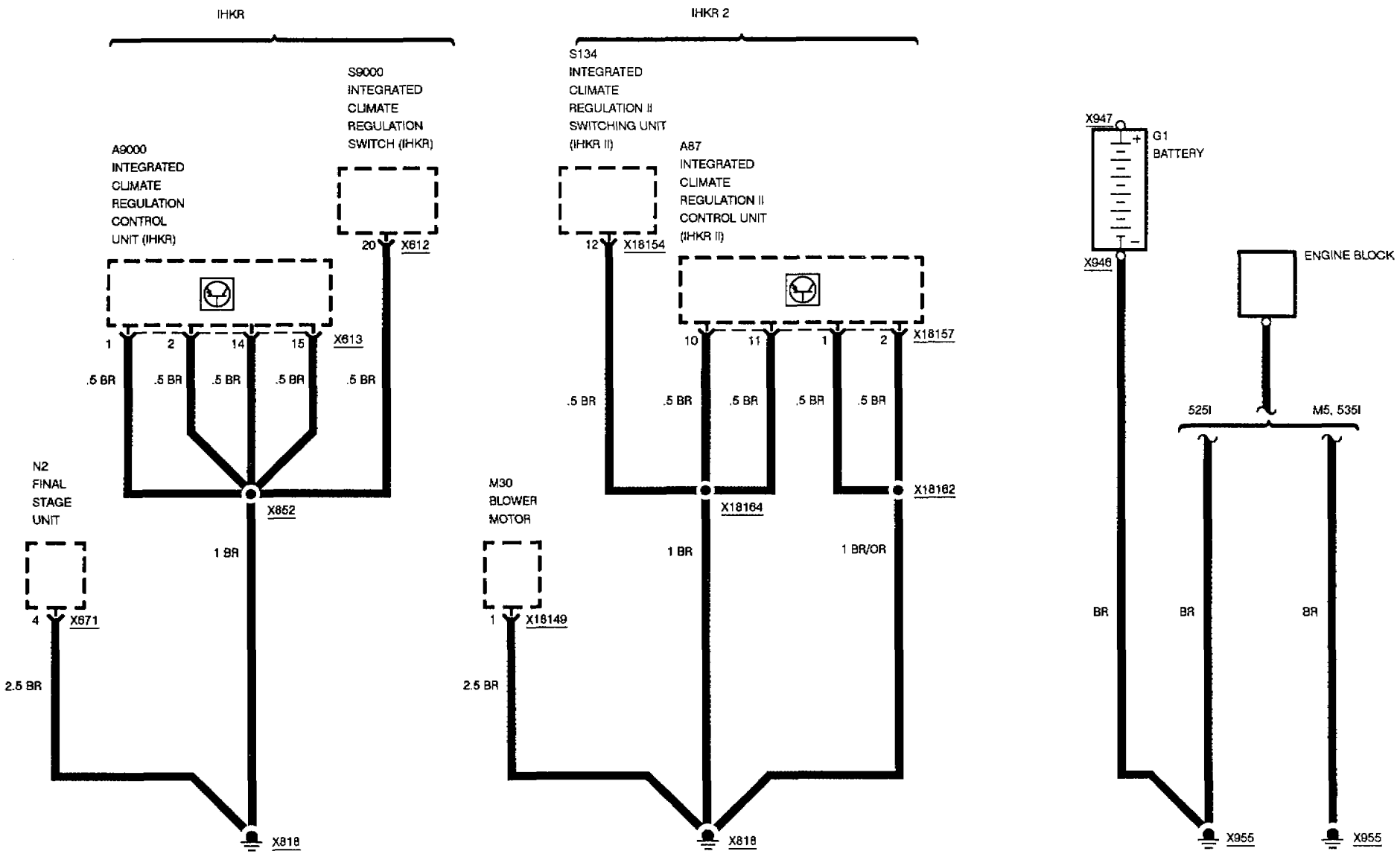
GROUND DISTRIBUTION

GROUND X497



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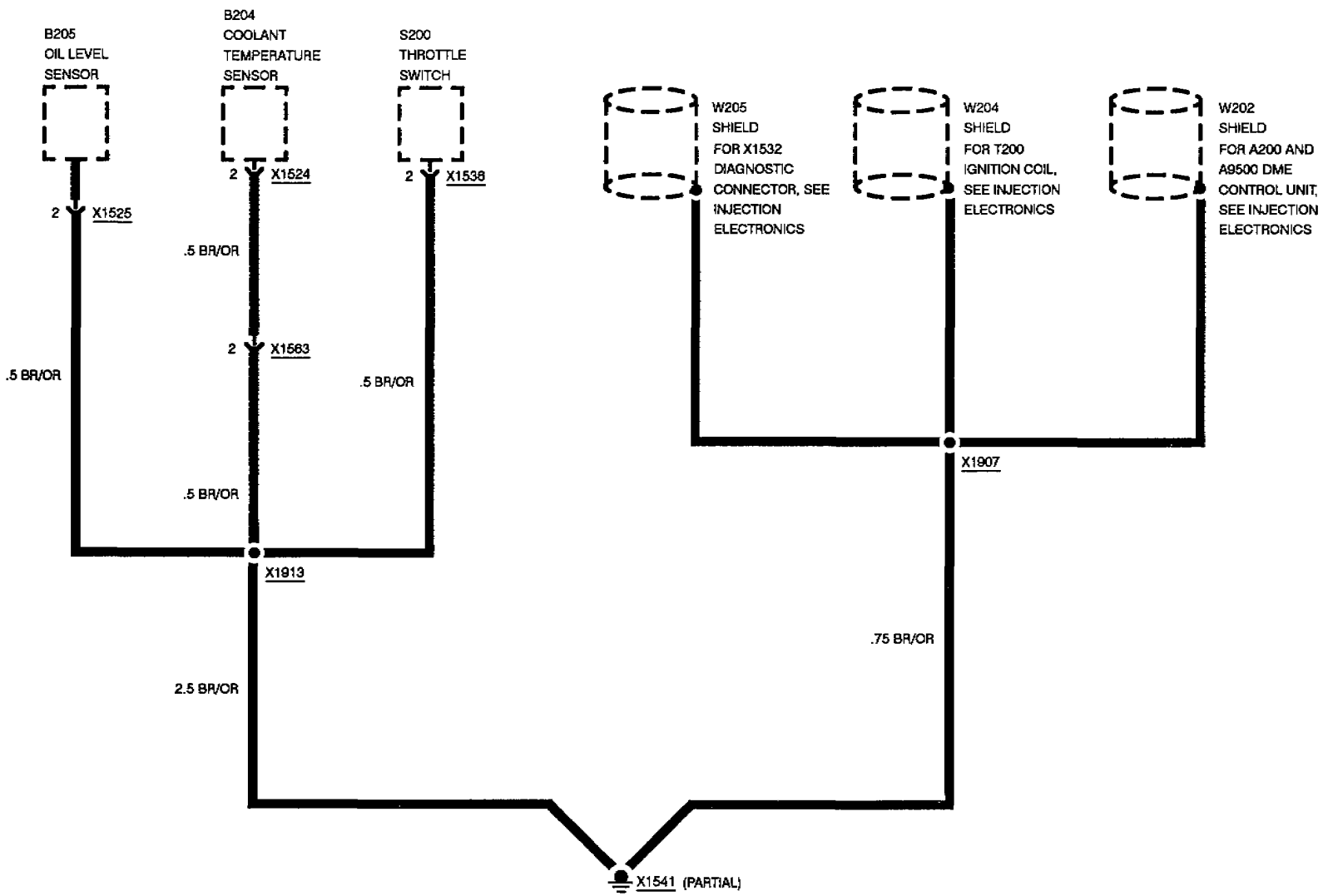
GROUND DISTRIBUTION



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GROUND DISTRIBUTION

GROUND X1541

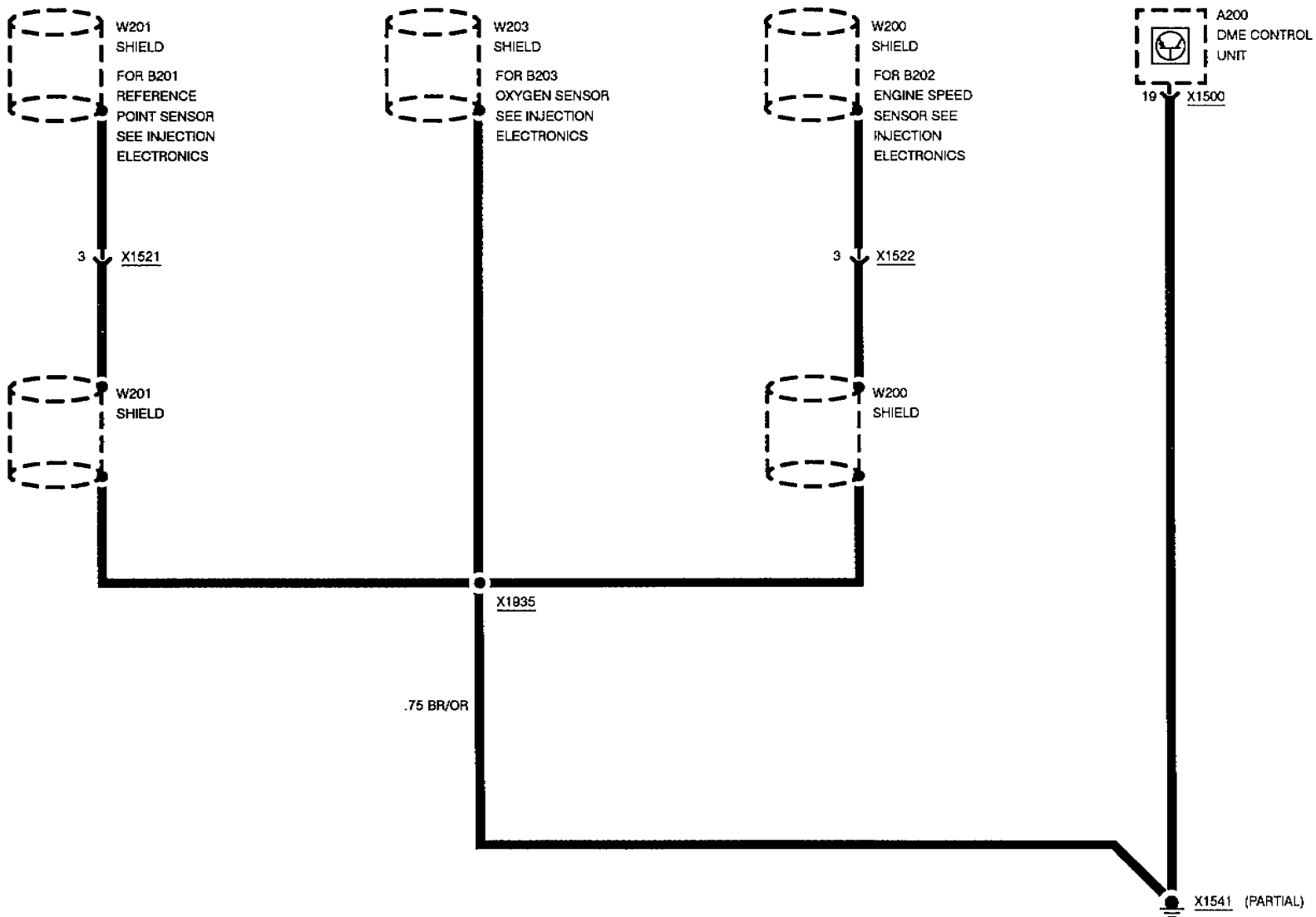


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GROUND DISTRIBUTION

GROUND X1541

525i

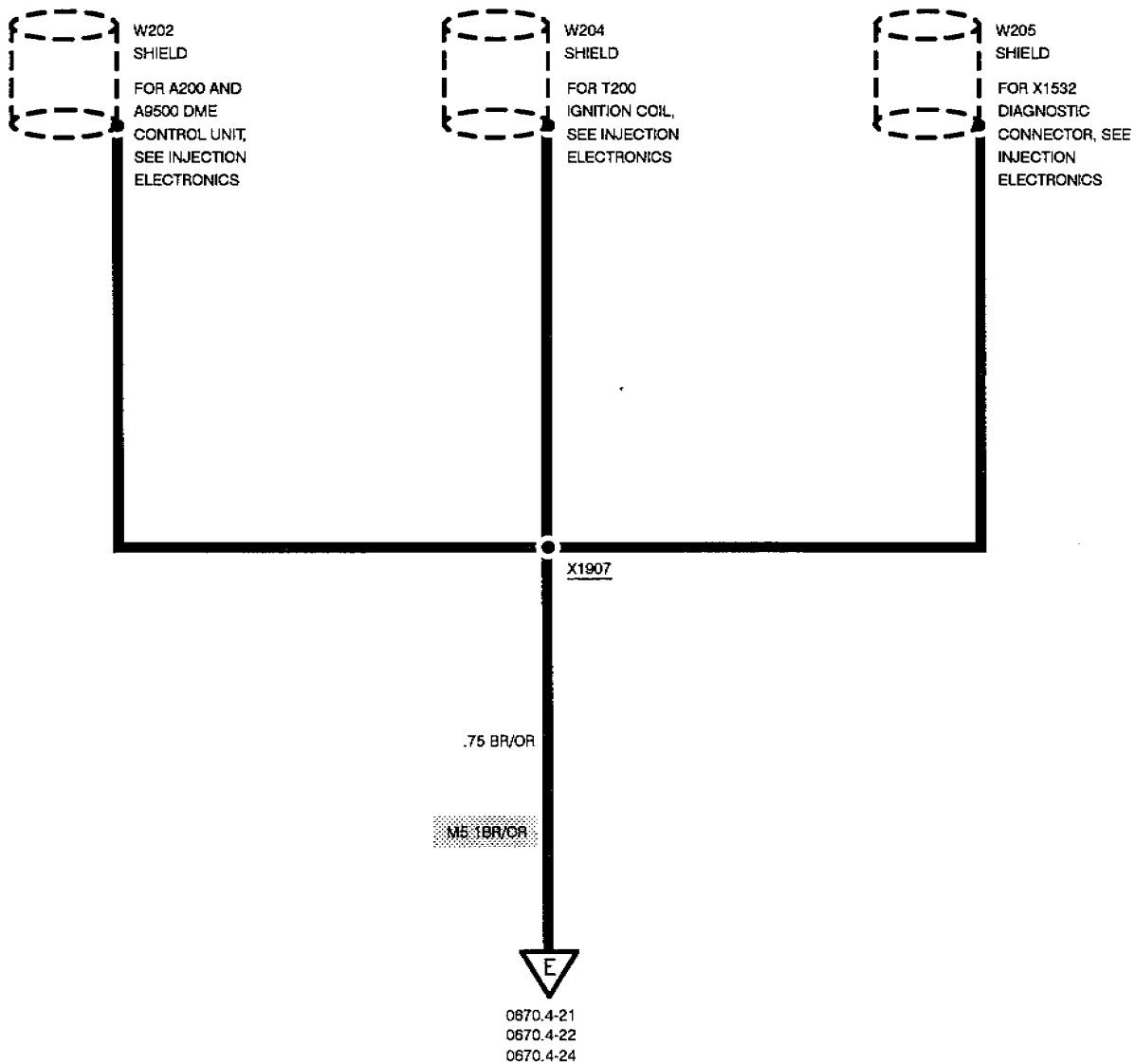


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GROUND DISTRIBUTION

GROUND X1541

535i, M5

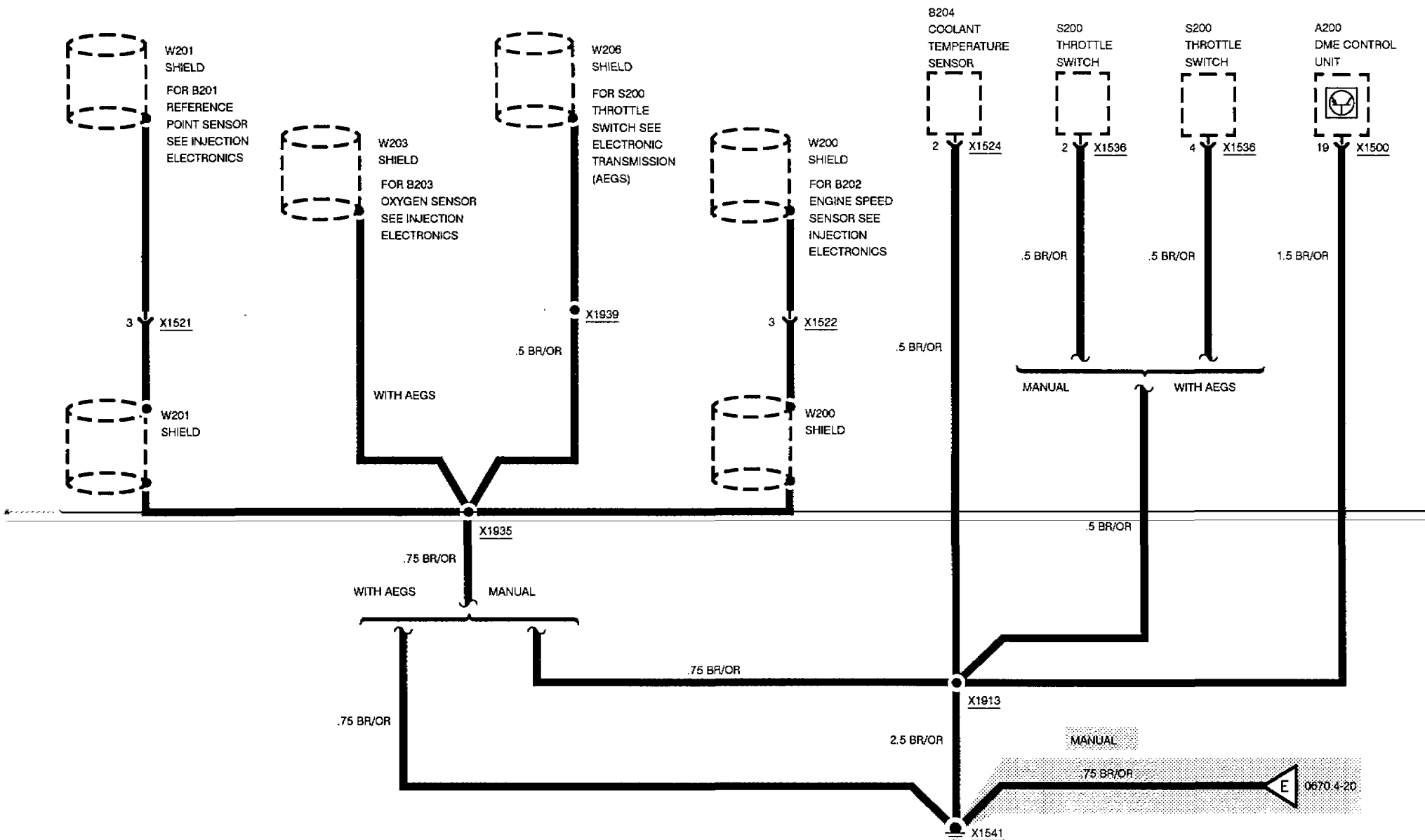


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GROUND DISTRIBUTION

GROUND X1541

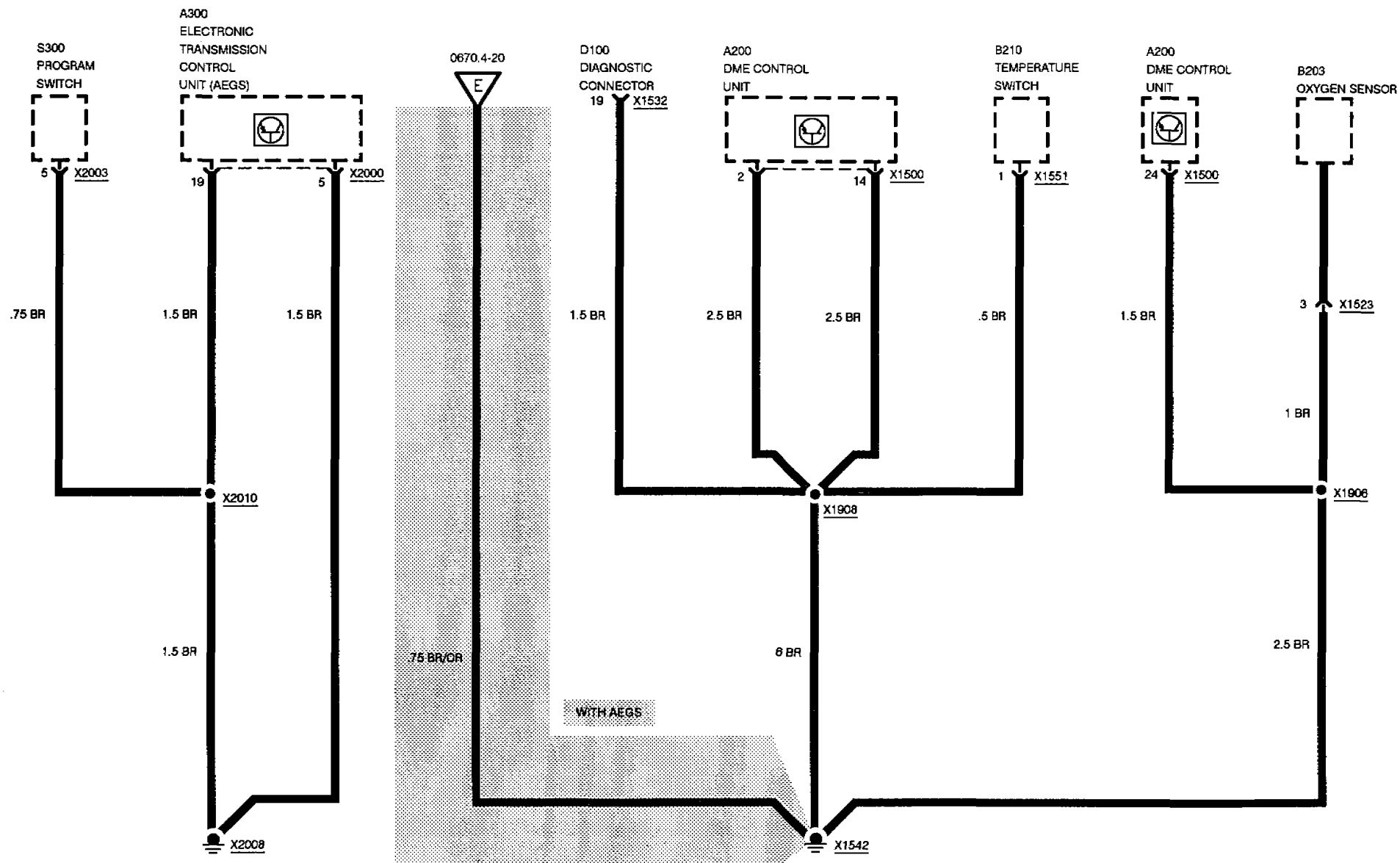
535i



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GROUND DISTRIBUTION

GROUNDS X1542 AND X2008

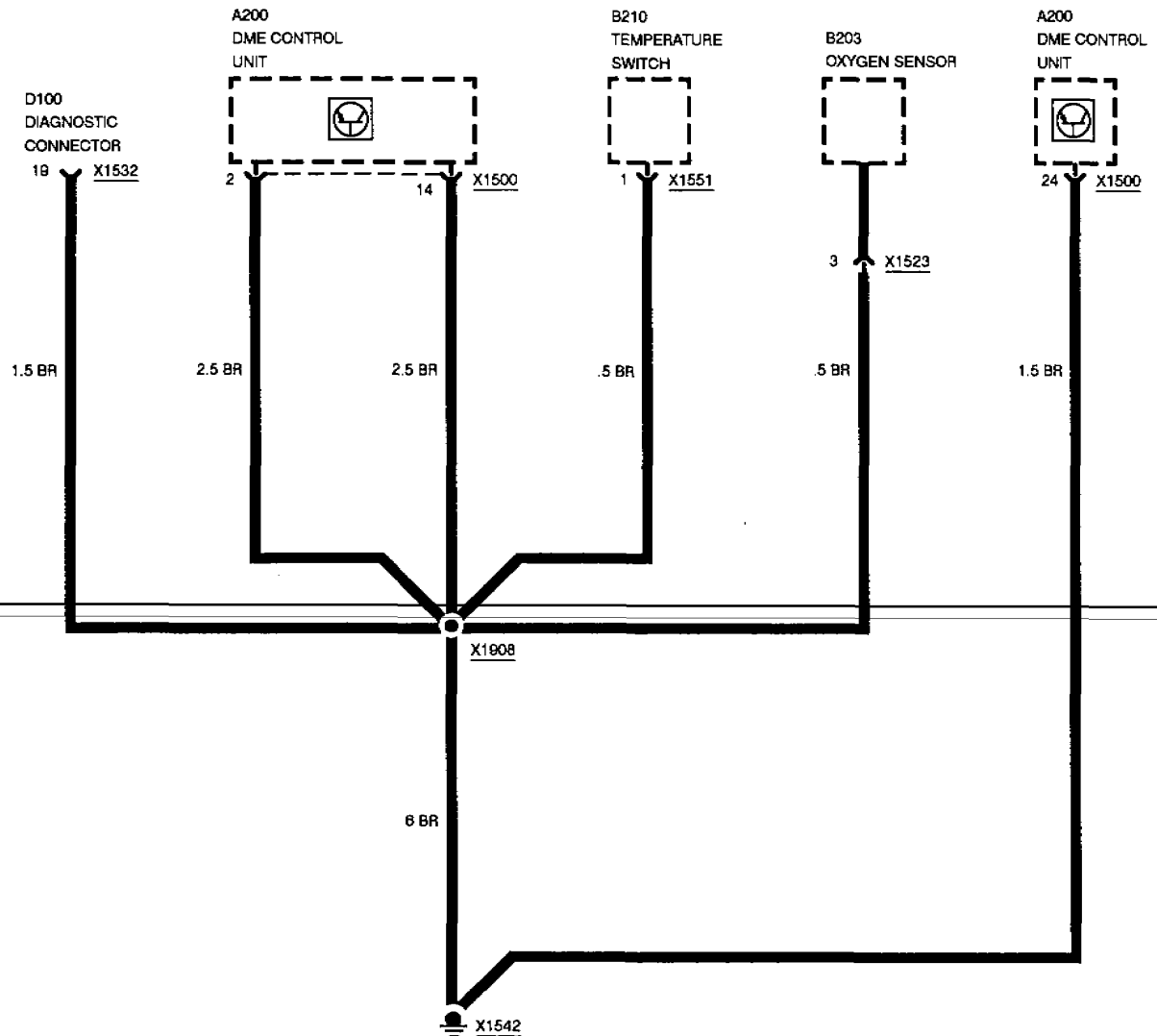


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GROUND DISTRIBUTION

GROUND X1542

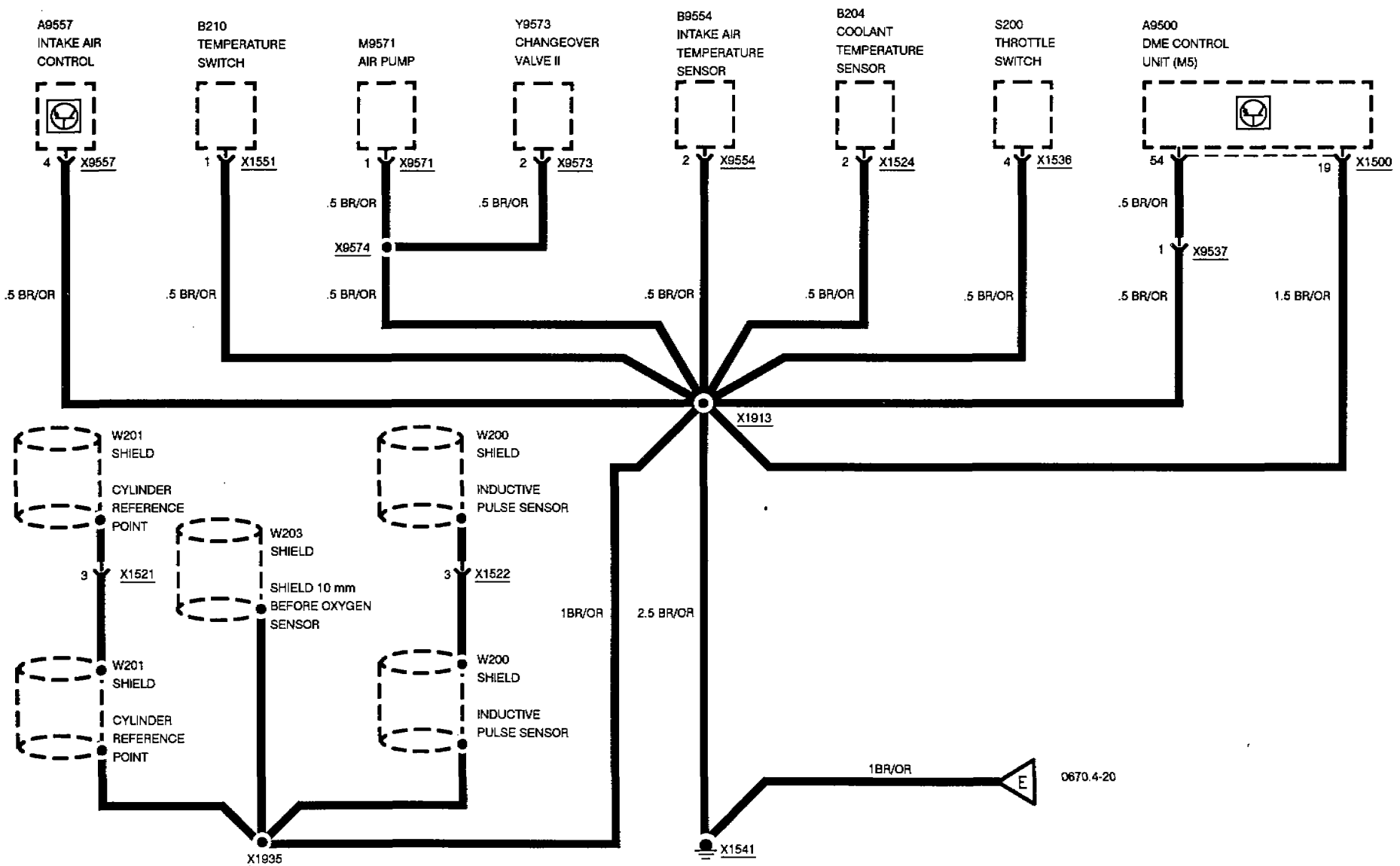
525i



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GROUND DISTRIBUTION

GROUND X1541

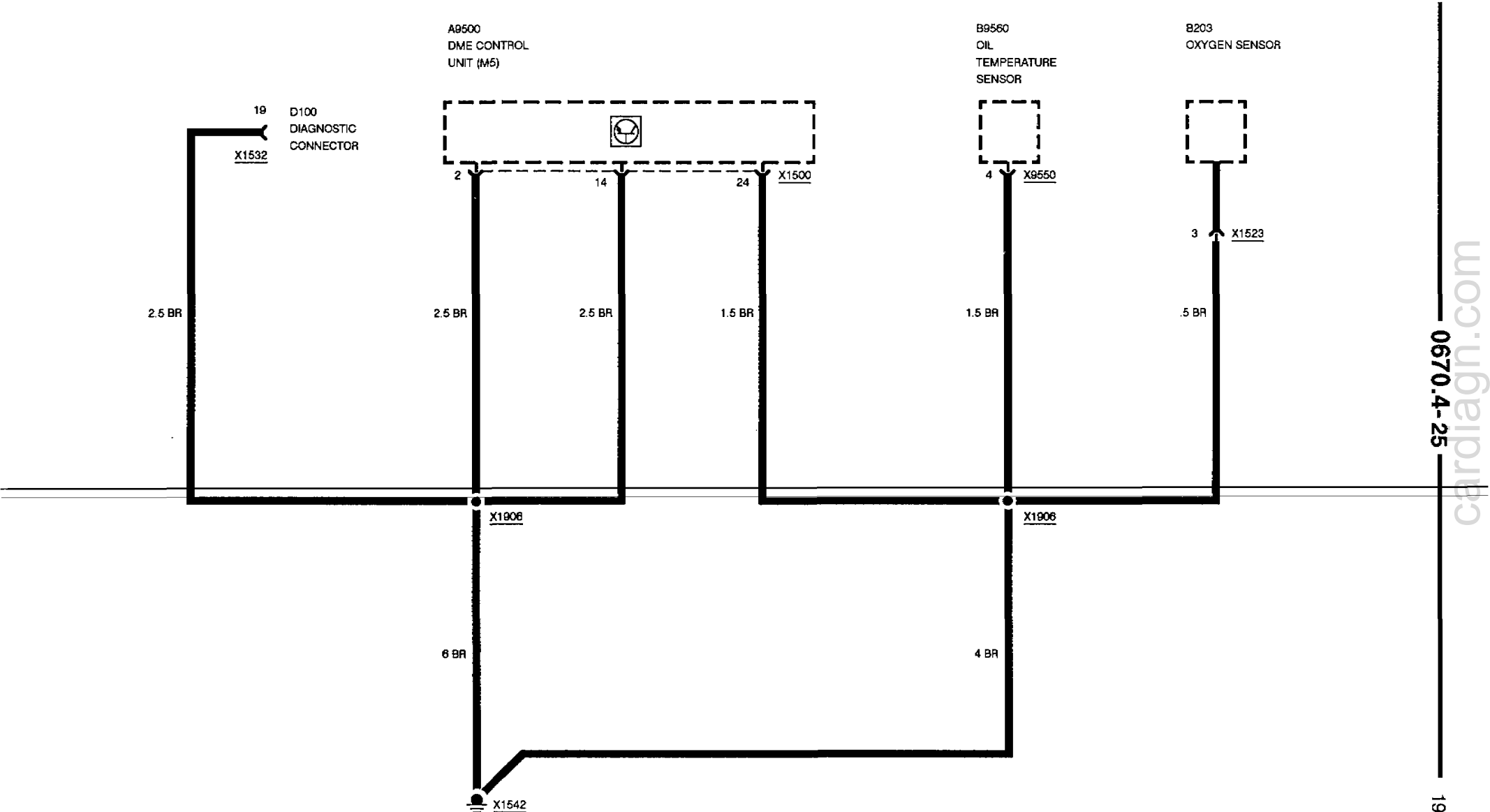


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GROUND DISTRIBUTION

M5

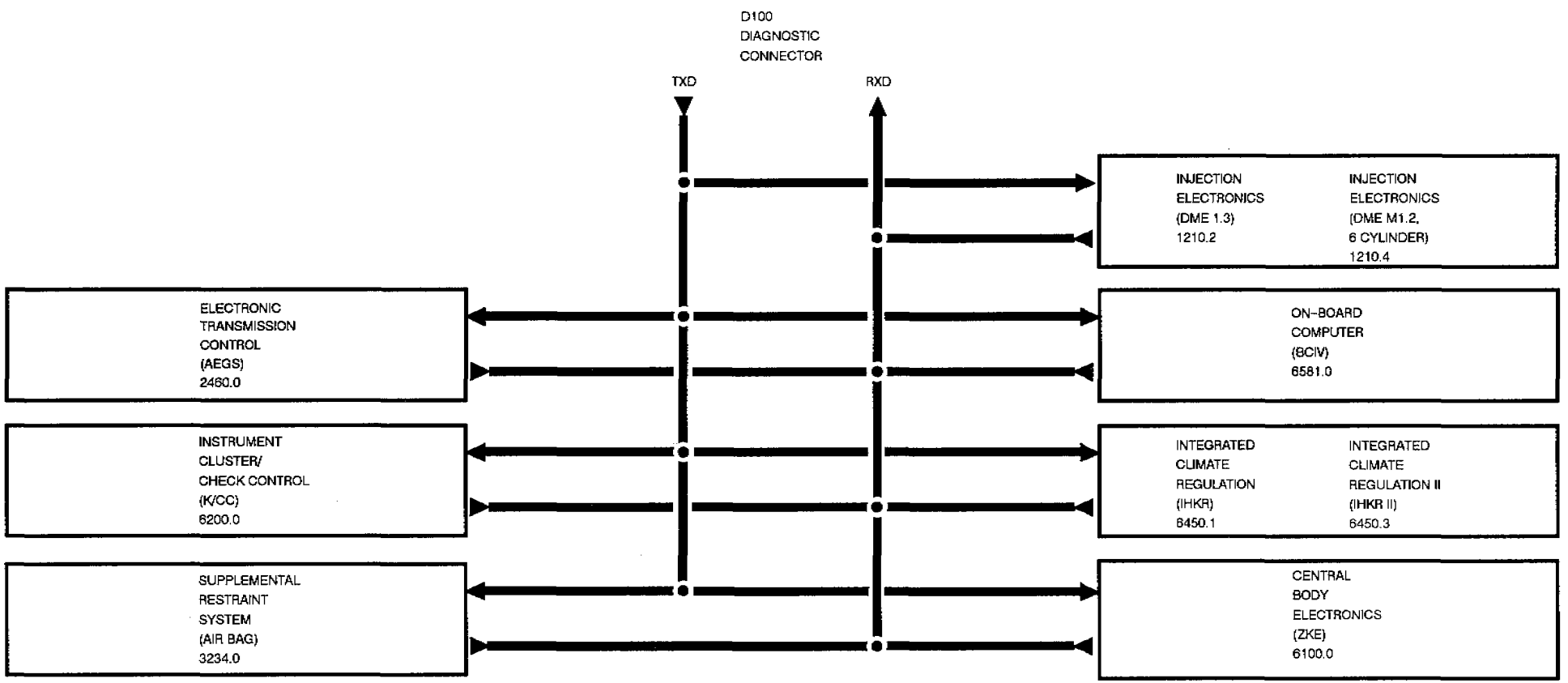
GROUND X1542



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DIAGNOSTIC LINK

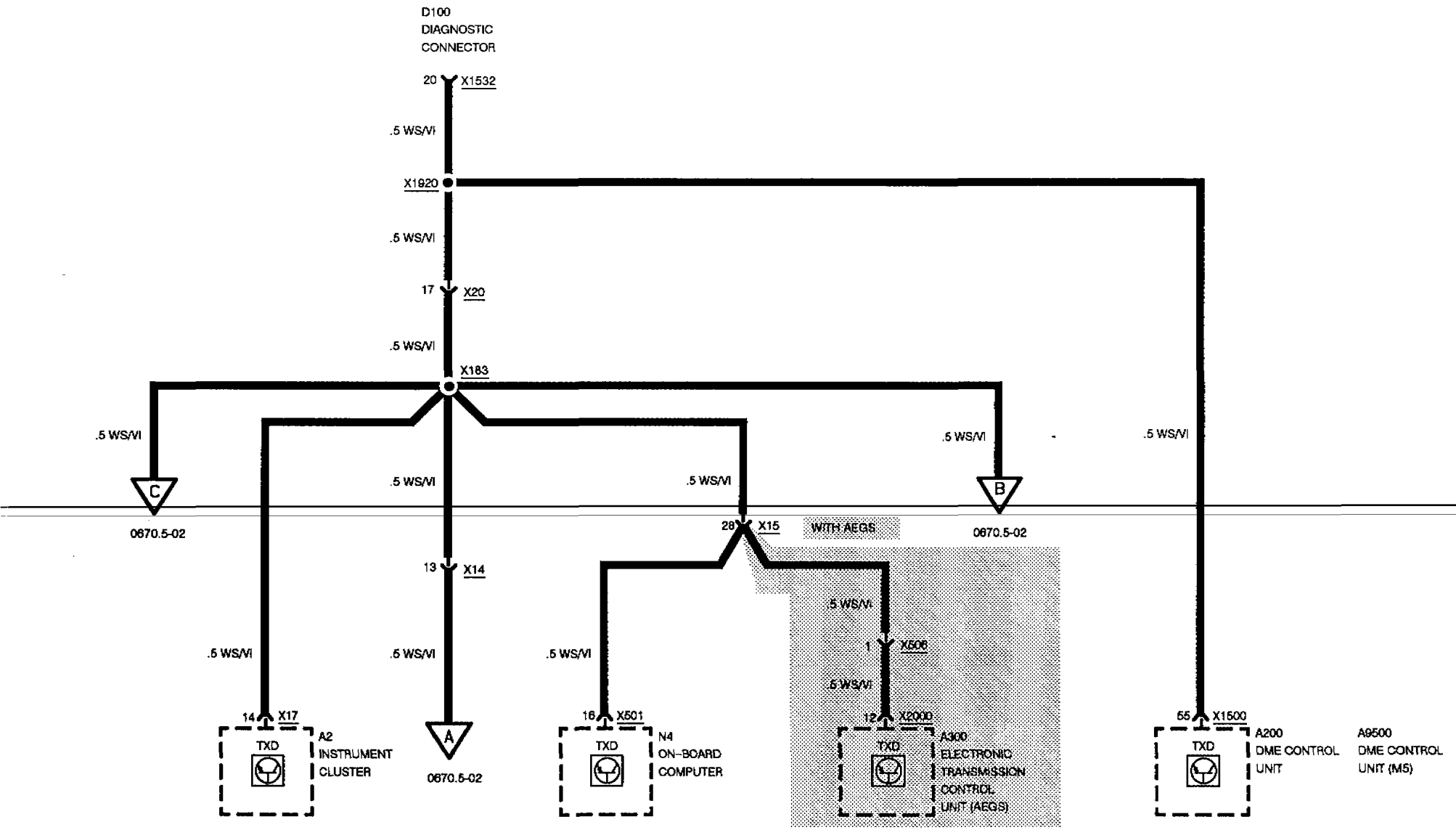
BLOCK DIAGRAM



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DIAGNOSTIC LINK

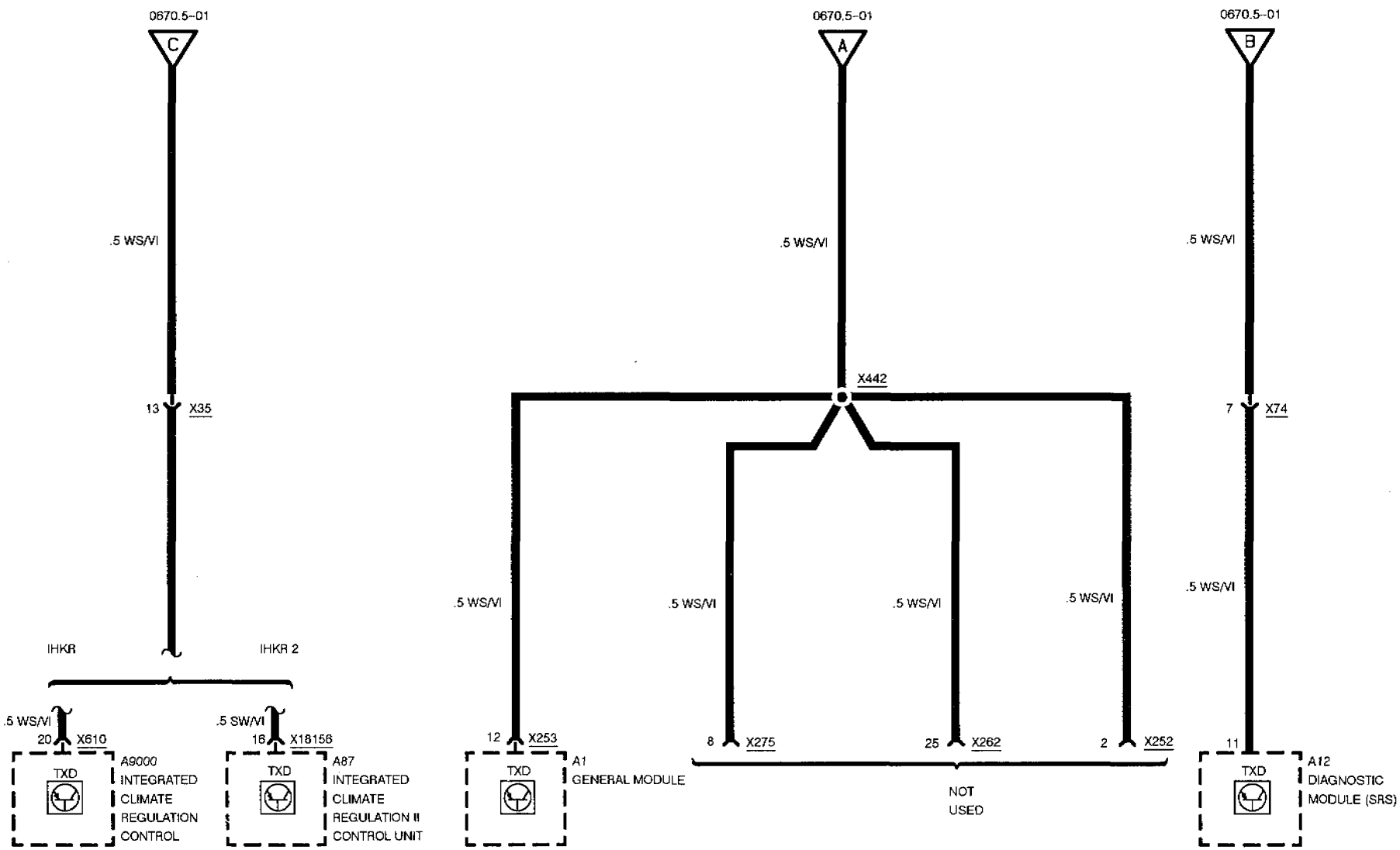
TXD



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DIAGNOSTIC LINK

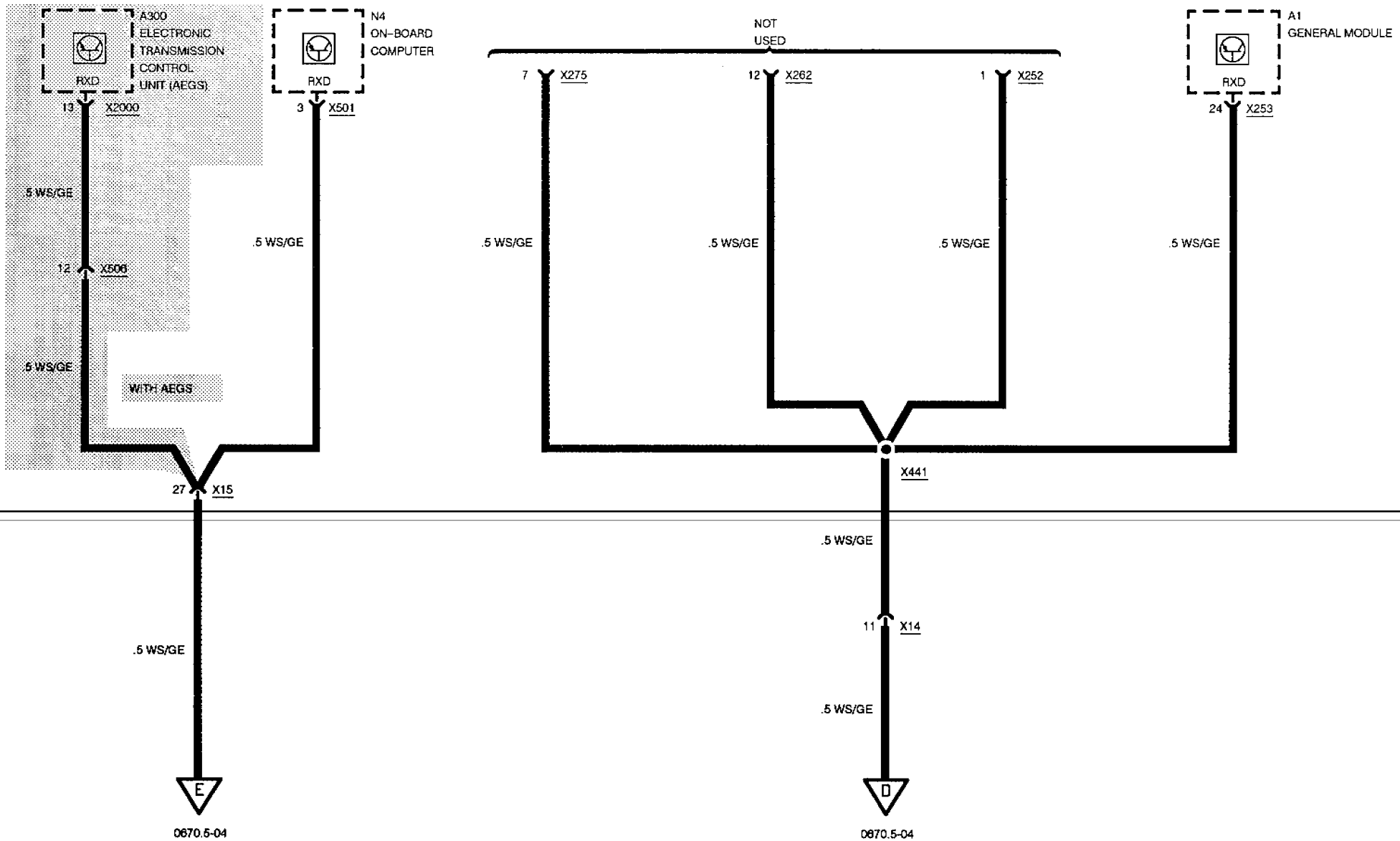
TXD



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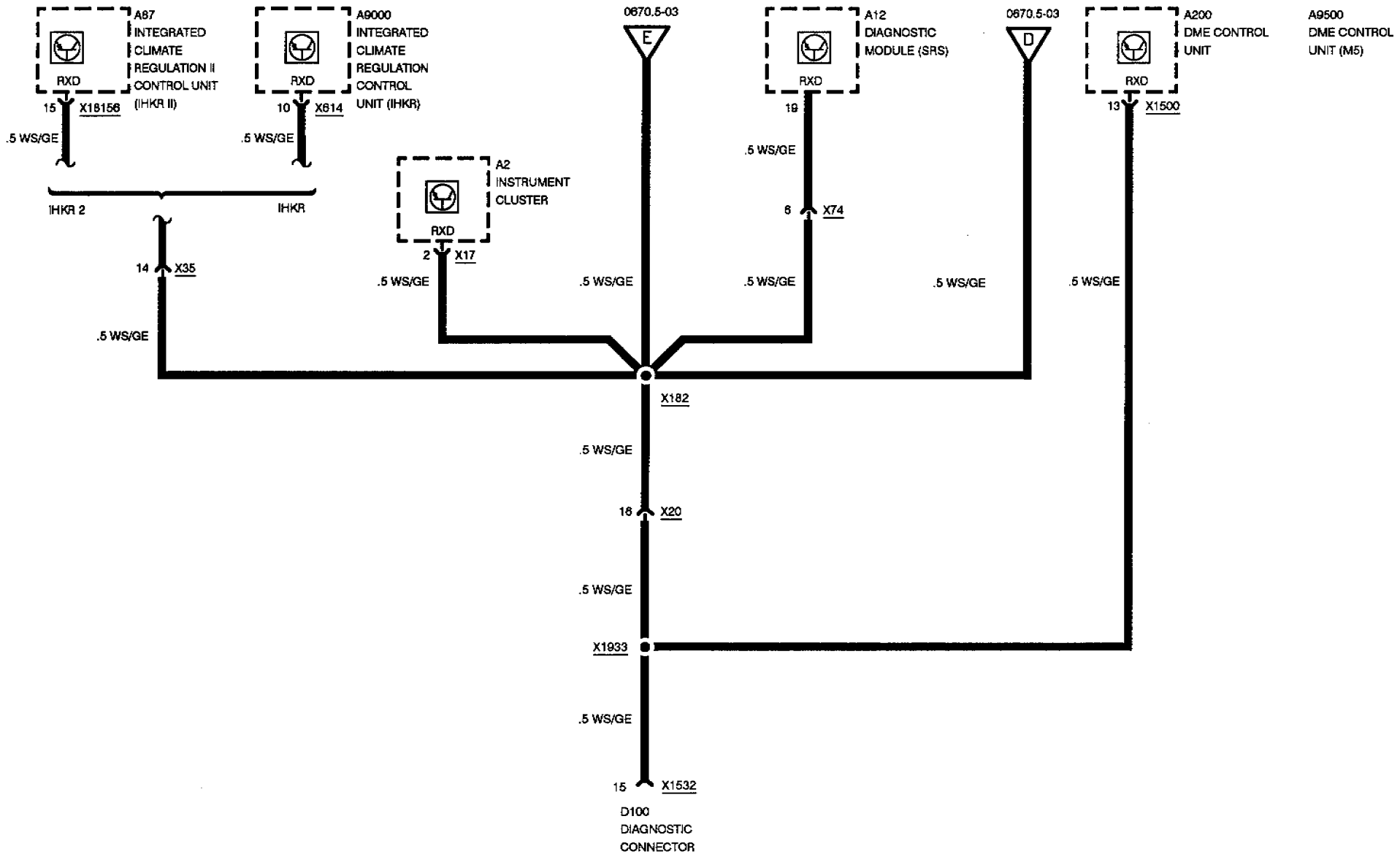
RXD



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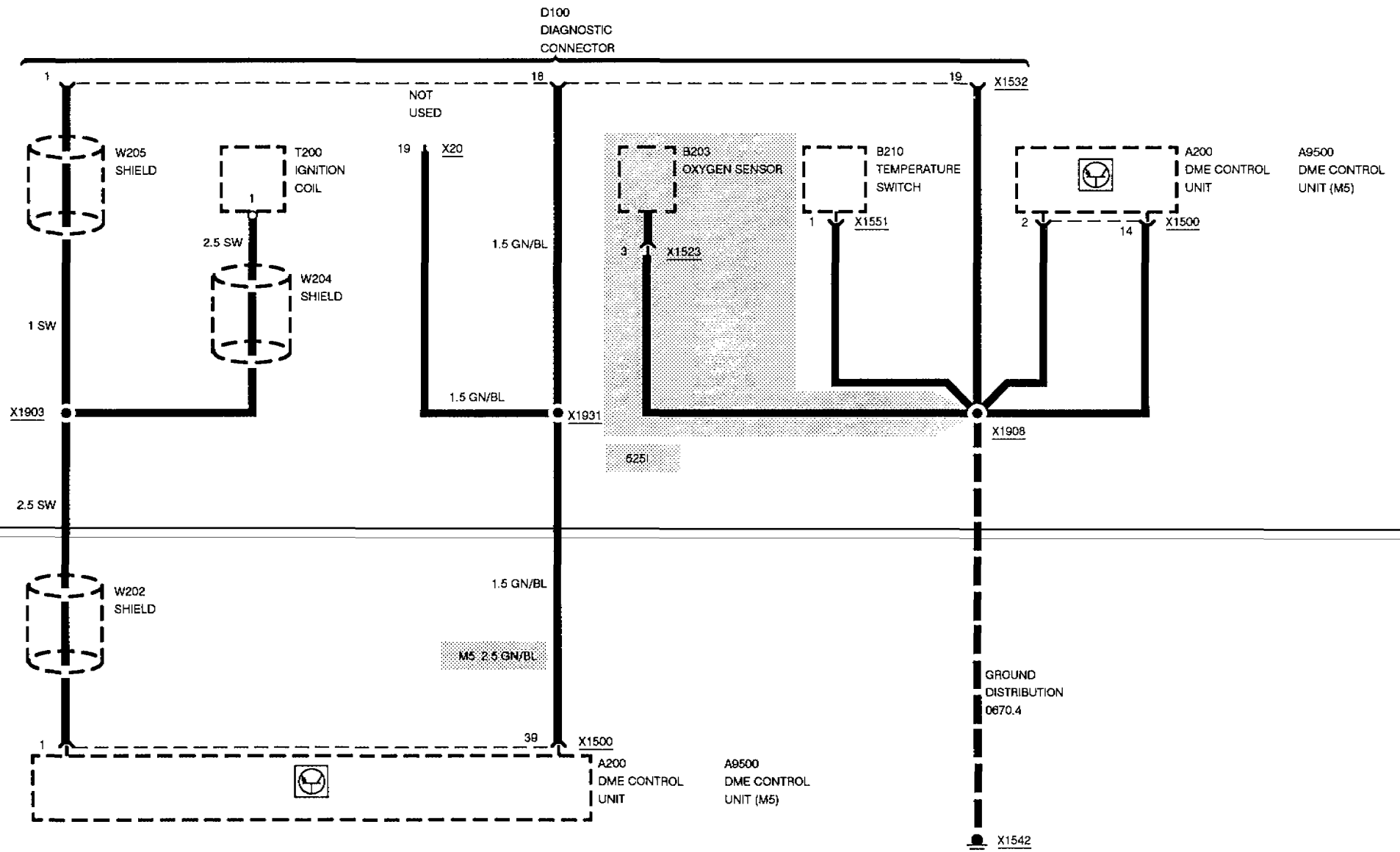
RXD



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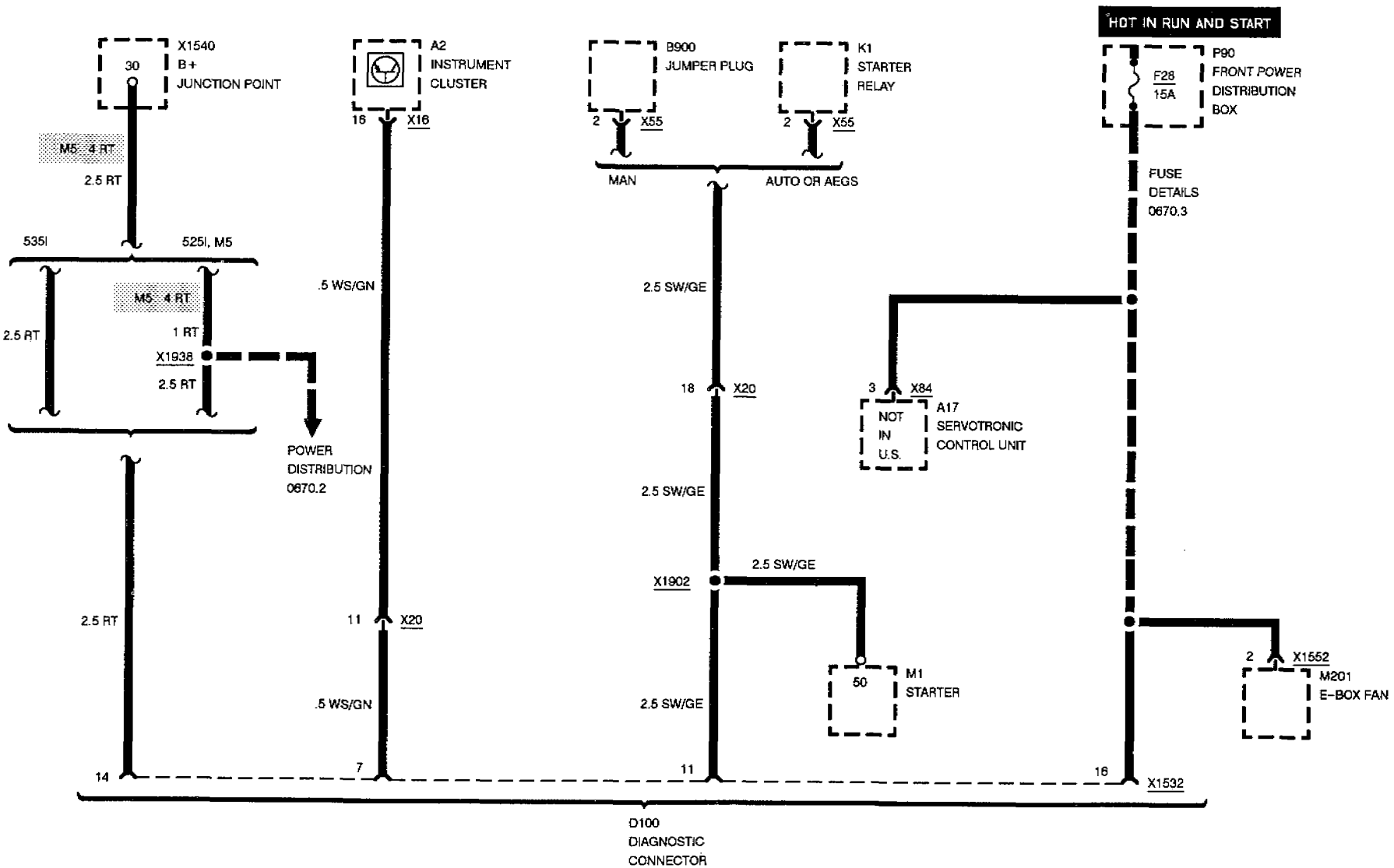
DIAGNOSTIC CONNECTOR PINS 1, 18 AND 19



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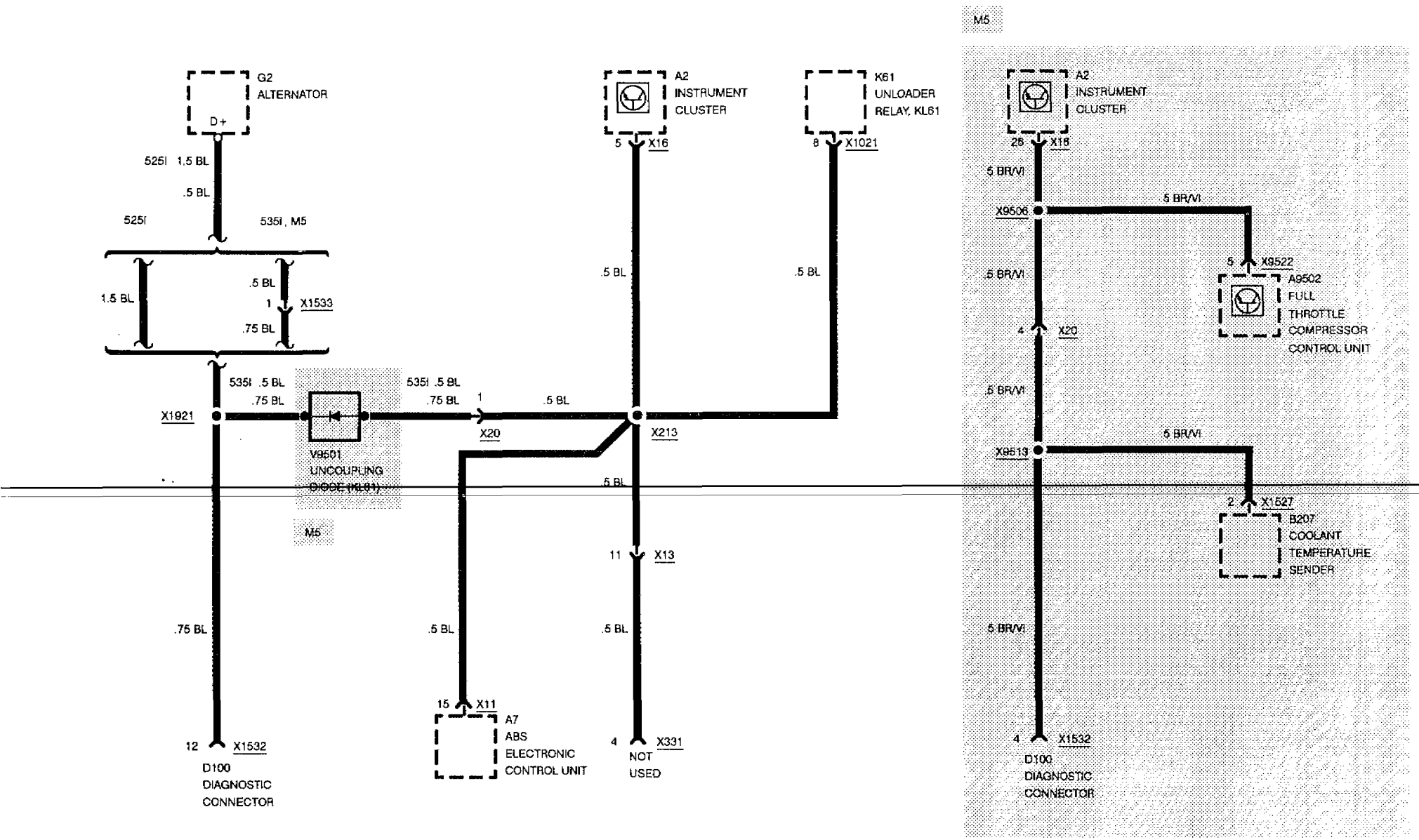
DIAGNOSTIC CONNECTOR PINS 7, 11, 14 AND 16



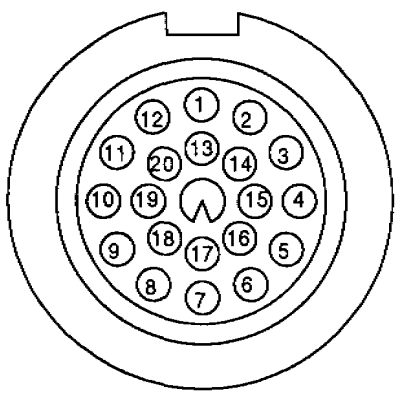
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DIAGNOSTIC LINK

DIAGNOSTIC CONNECTOR PINS 4 AND 12



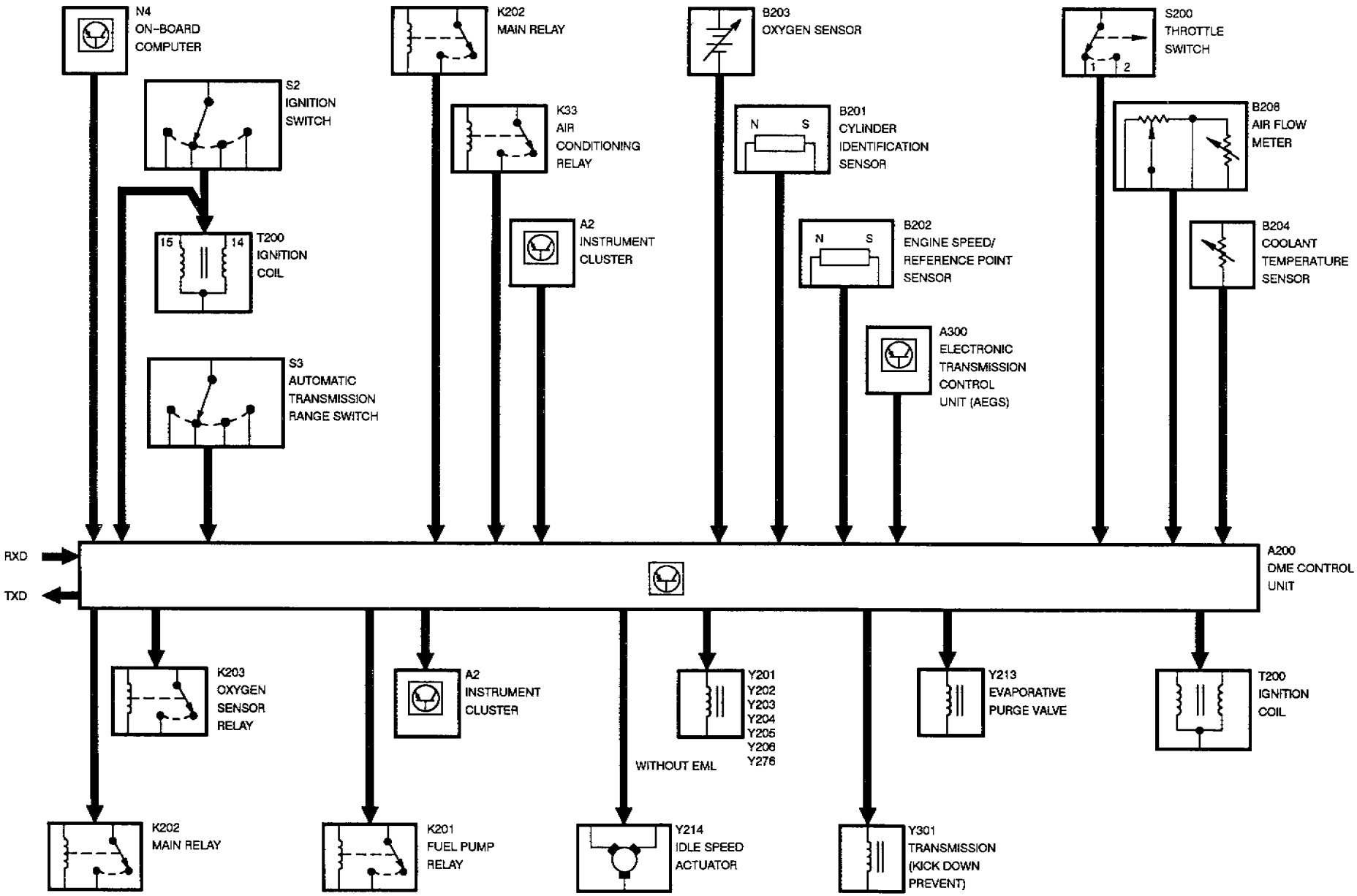
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Pin number	Terminal number	Terminal description	Wire color
1	1	Ignition coil	SW
2	–	Not used	
3	–	Not used	
4	FT	Voltage: Temperature sensor	BR/VI
5	–	Not used	
6	–	Not used	
7	SI	Service interval reset	WS/GN
8	–	Not used	
10	–	Not used	
11	50	Voltage: Ignition switch in start	SW/GE
12	61 (D+)	Alternator charge indicator	BL
13	–	Not used	
14	30	Voltage: Hot at all times	RT
15	RXD	Receive	WS/GE
16	15S	Voltage: Ignition switch in run	GN/WS
17	–	Not used	GN/BL
18	–	Program select for DME control unit	BR
19	31	Ground	BR
20	TXD	Transmit	WS/VI

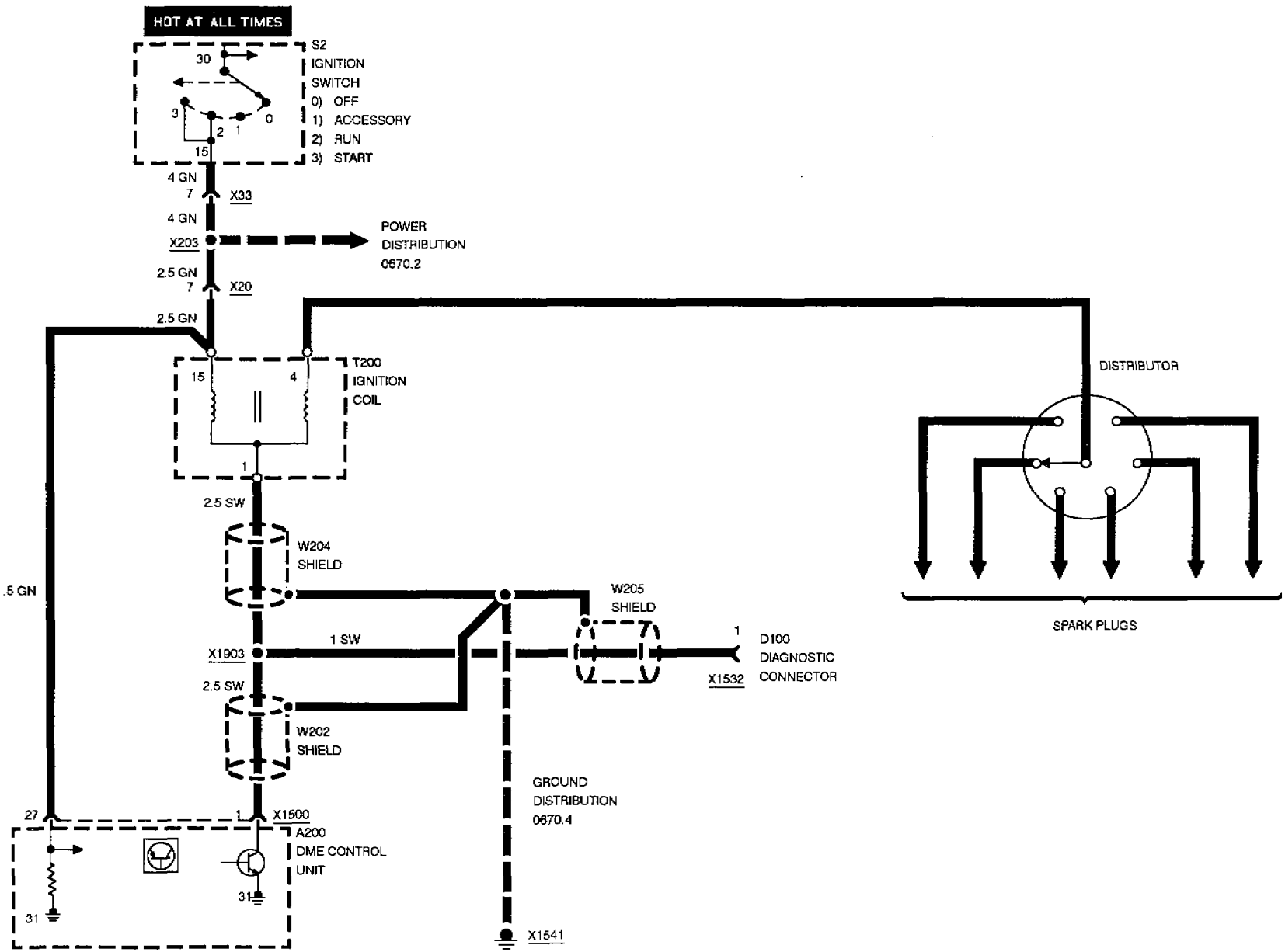
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INJECTION ELECTRONICS (DME 1.3)



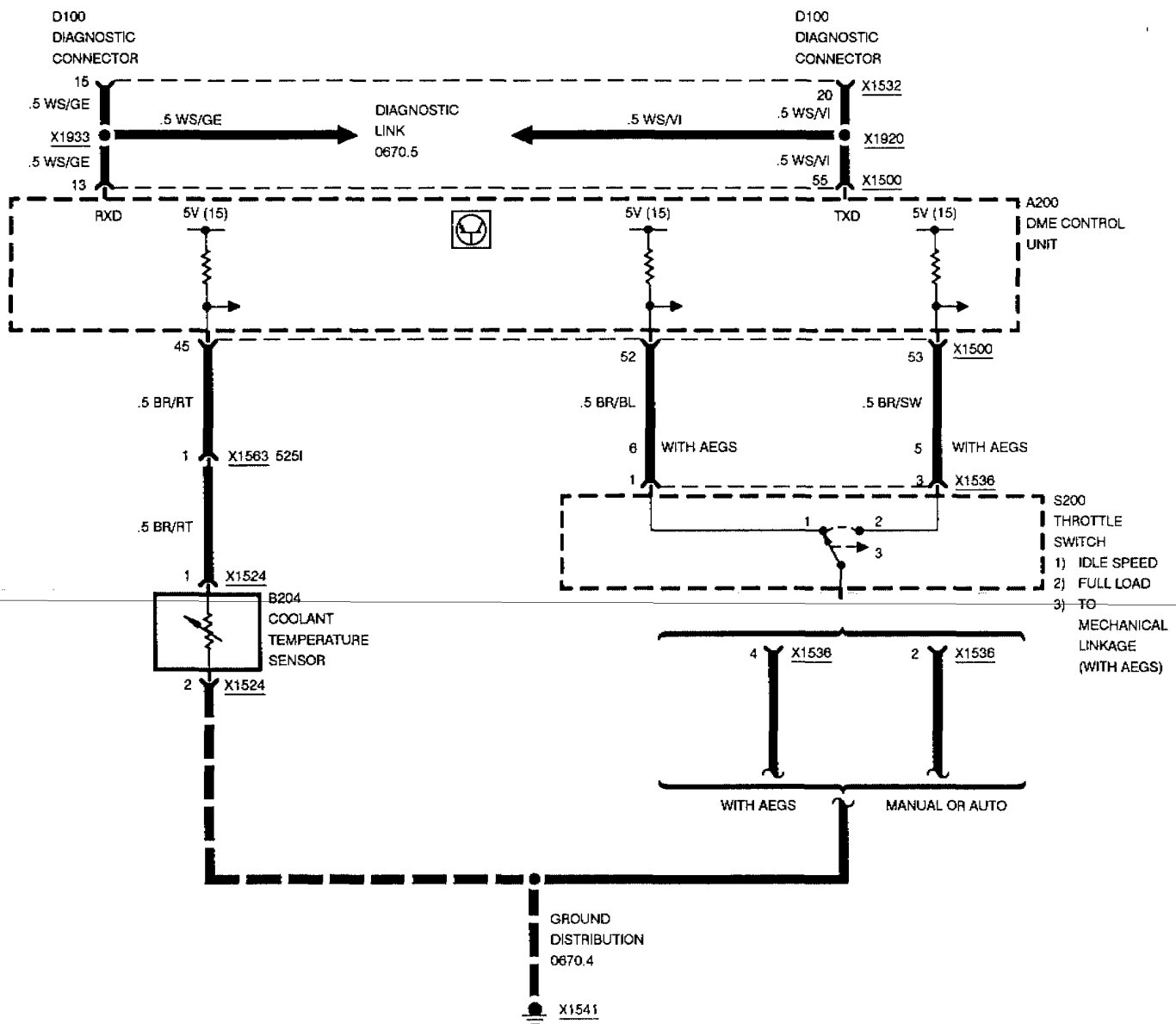
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INJECTION ELECTRONICS (DME 1.3)

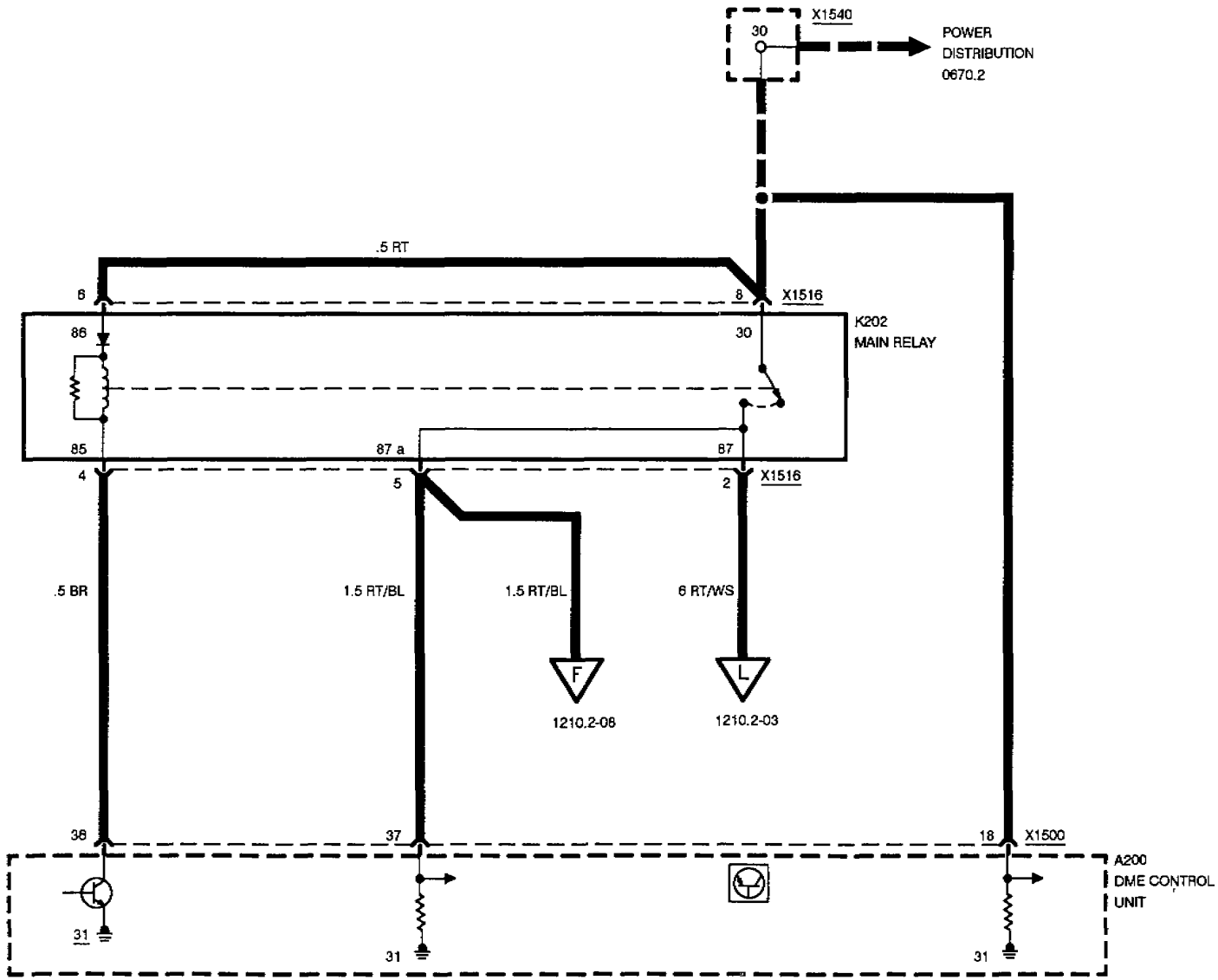


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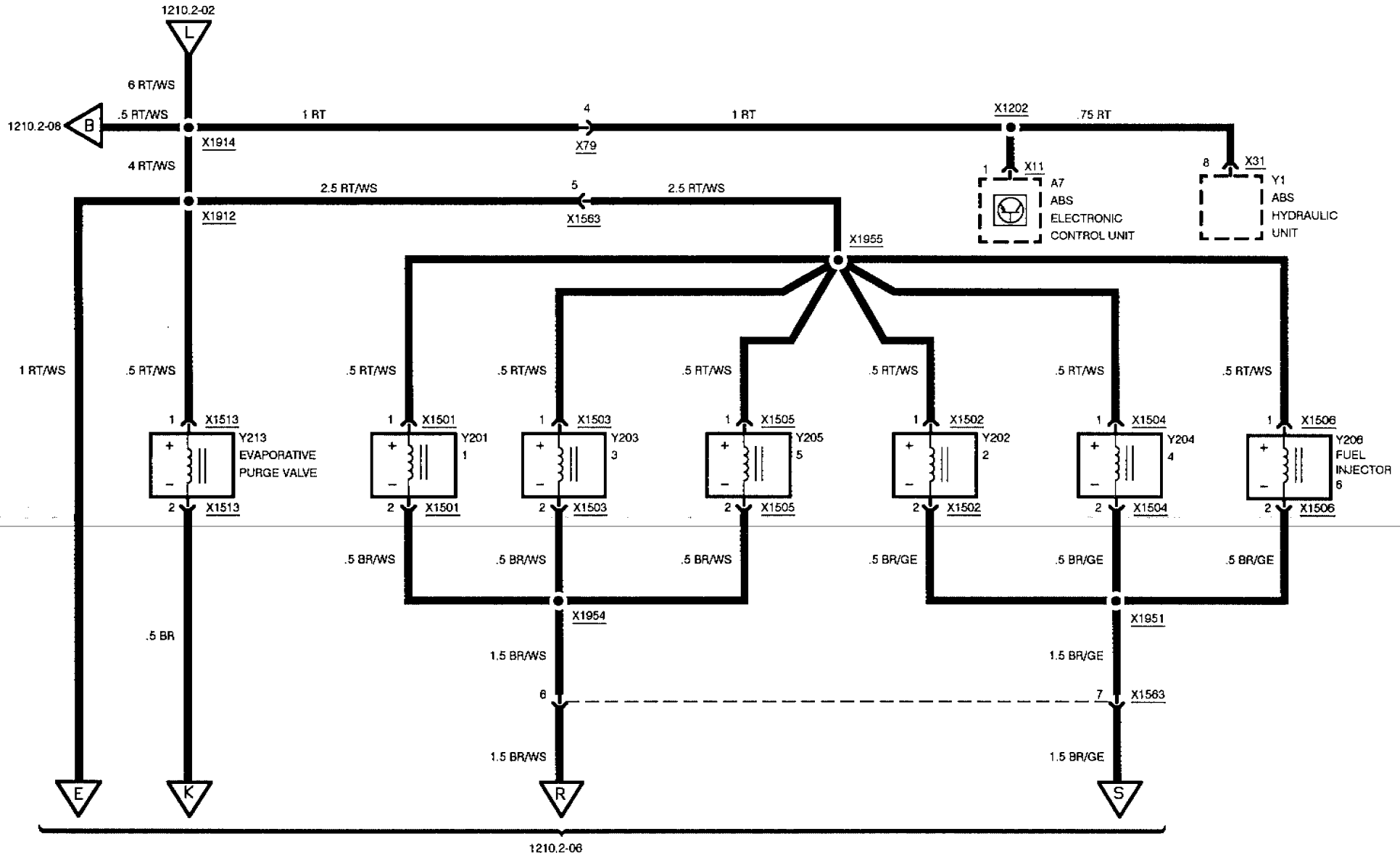
INJECTION ELECTRONICS (DME 1.3)



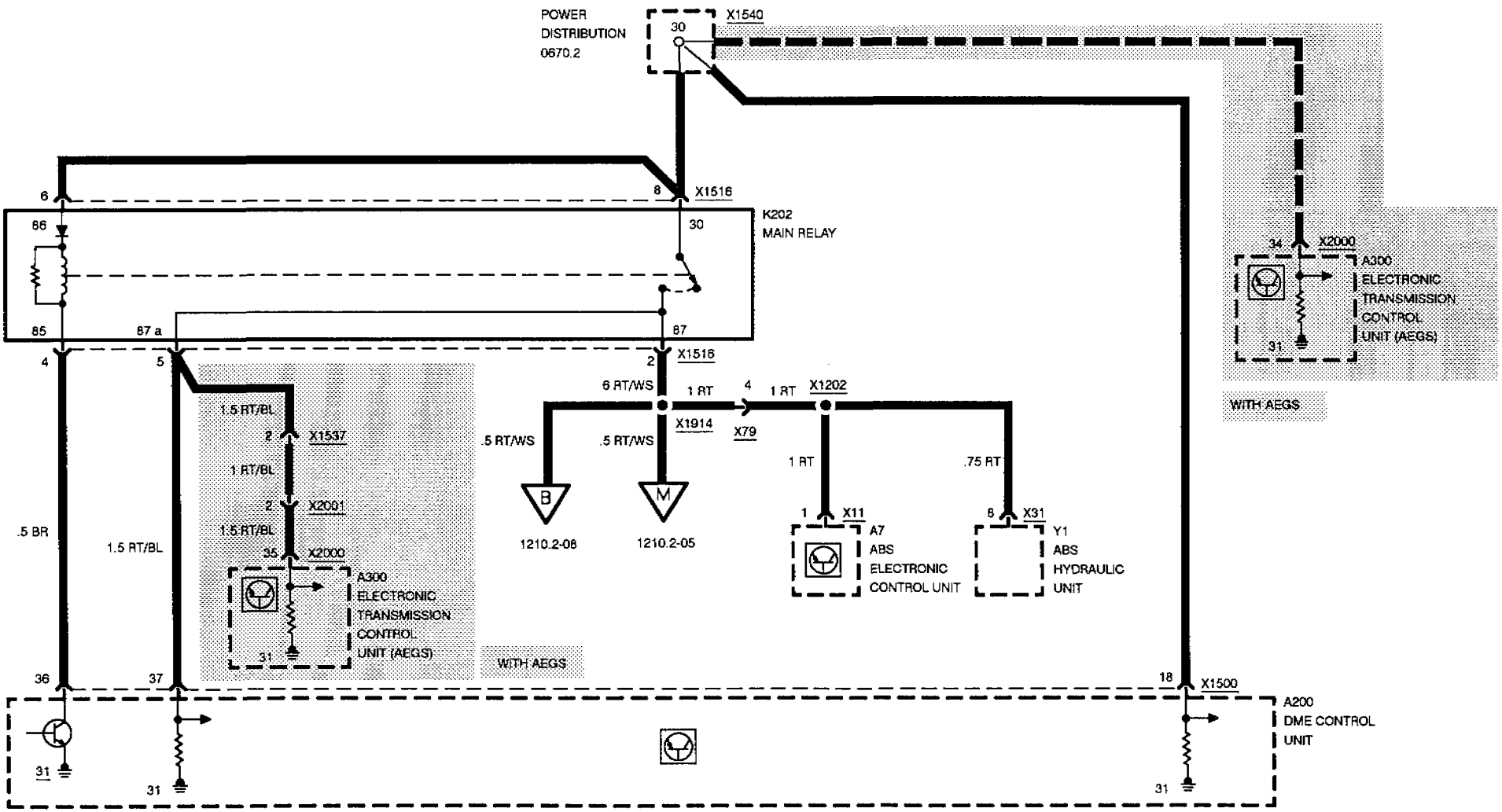
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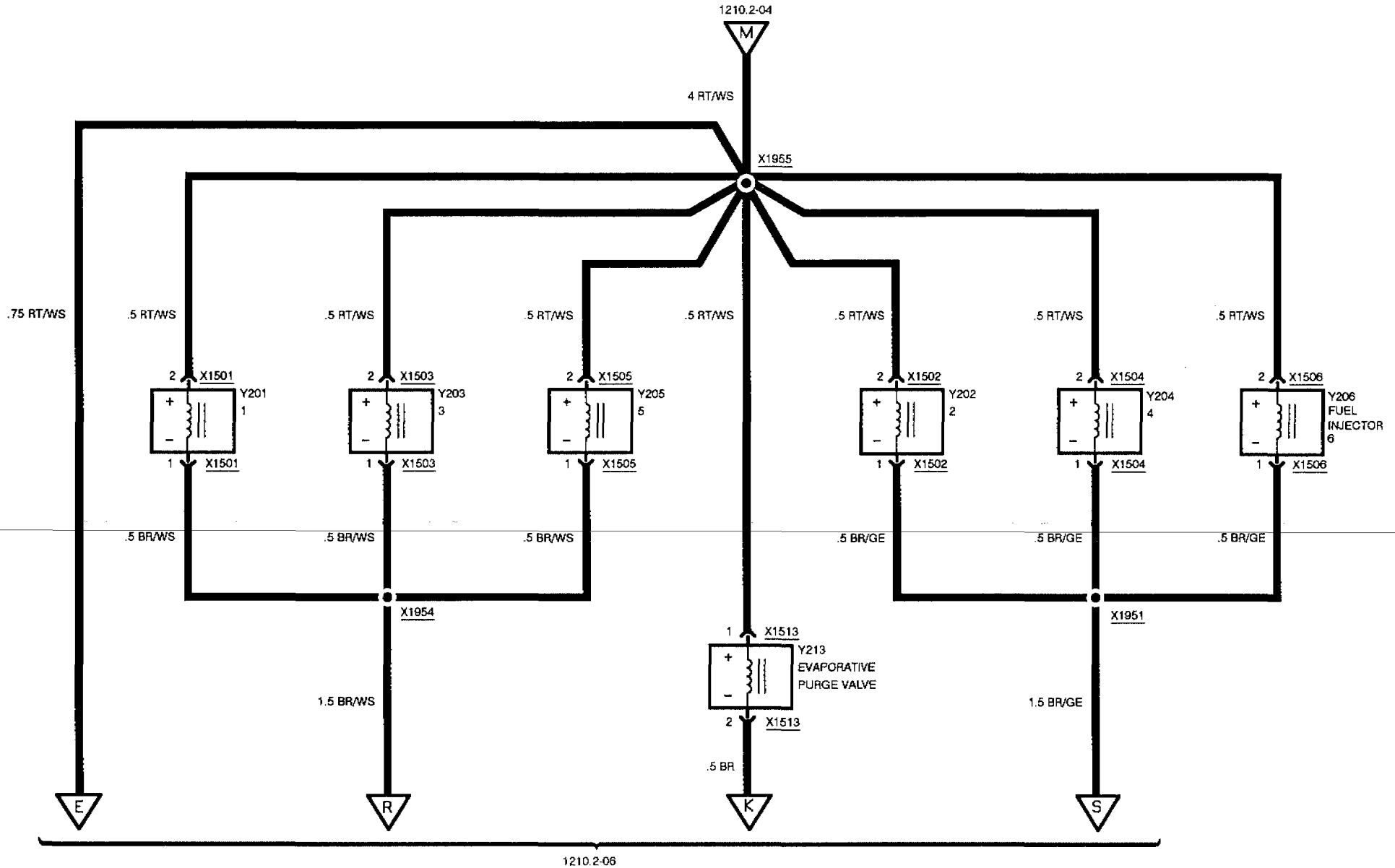
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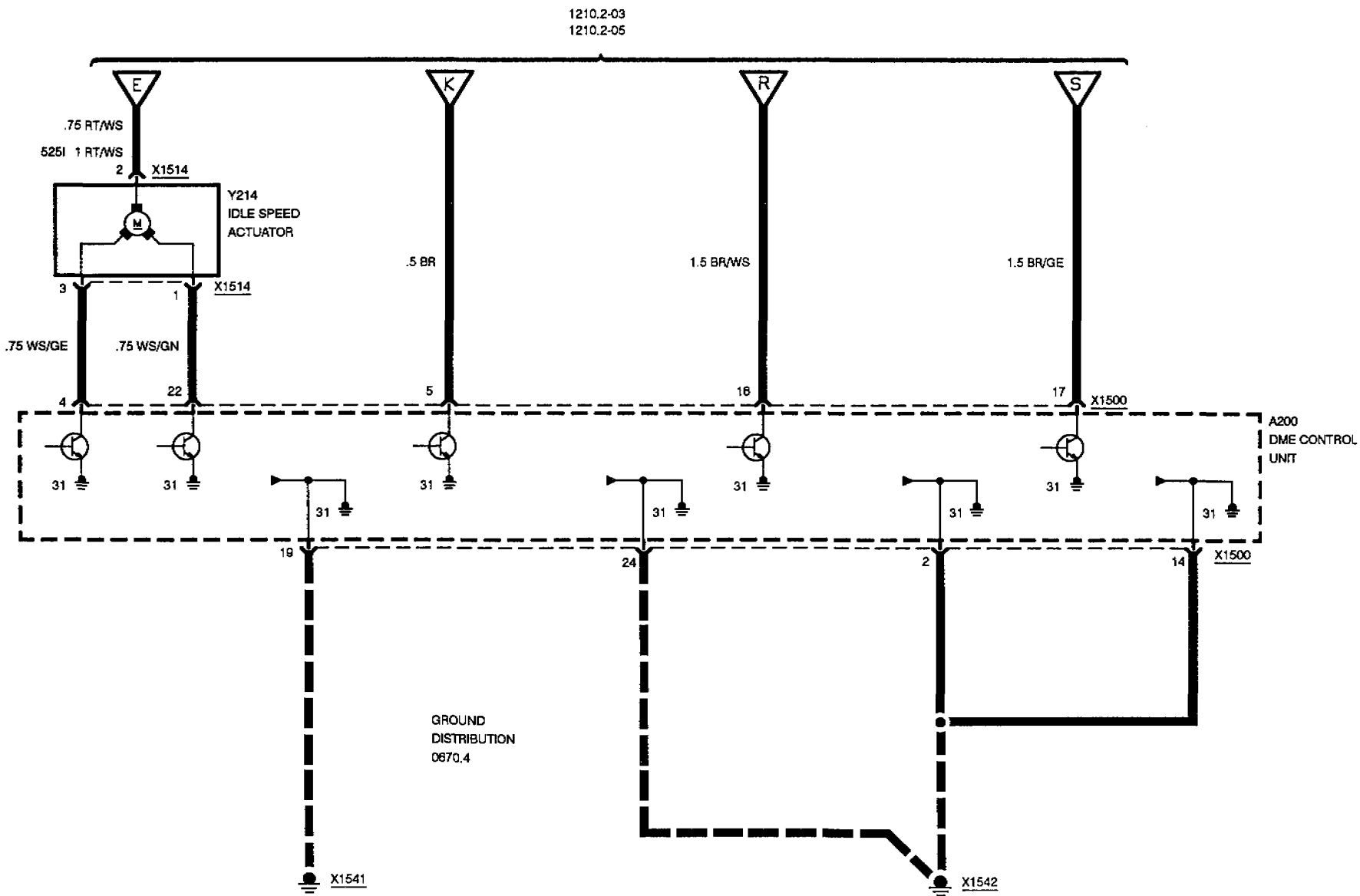


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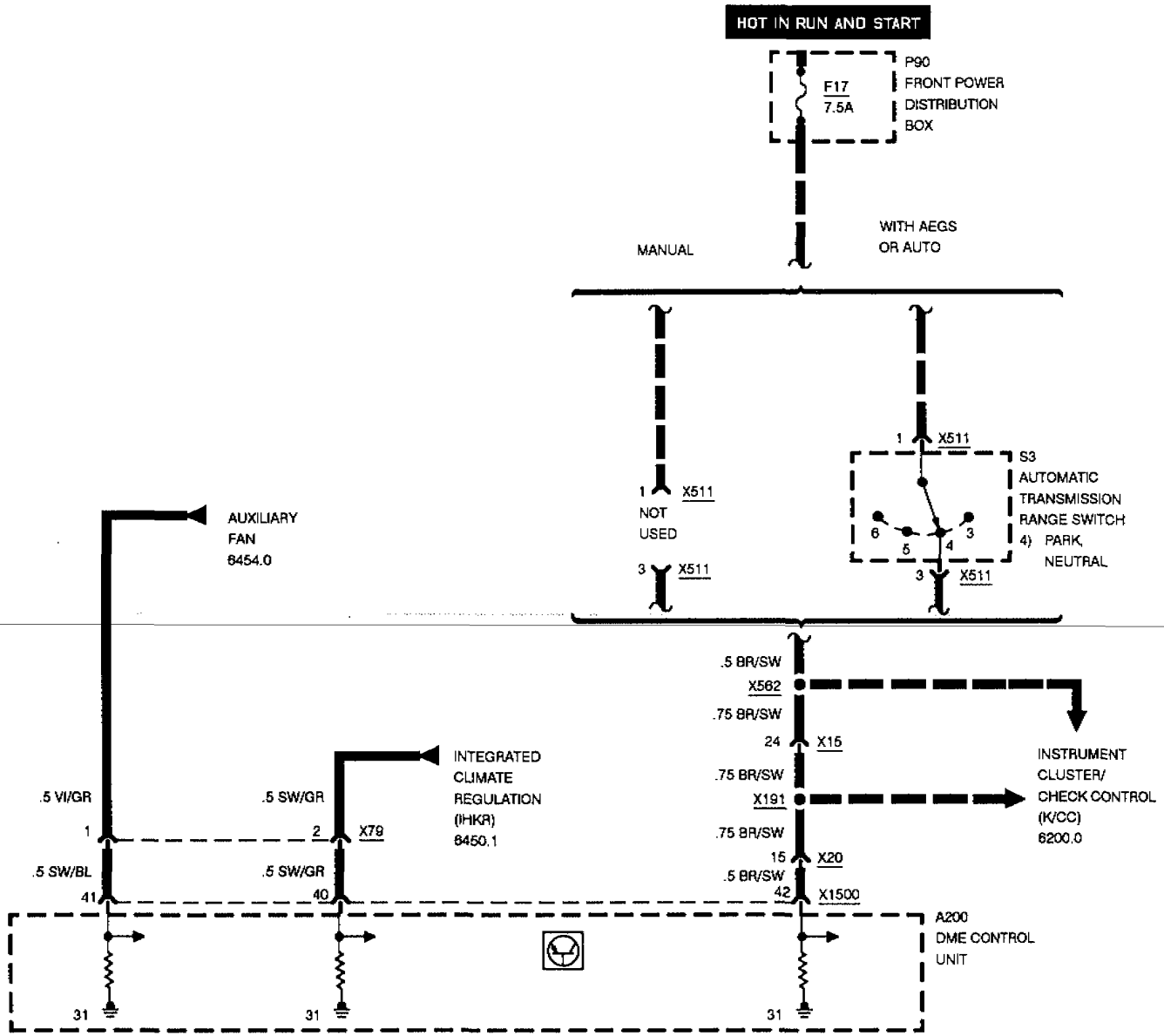

1210.2-04
M
4 RT/WS
X1955
.75 RT/WS
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Y201
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2 X1503
Y203
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Y205
5
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2 X1502
Y202
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Y204
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2 X1506
Y206
FUEL INJECTOR
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2 X1513
1.5 BR/WS
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INJECTION ELECTRONICS (DME 1.3)

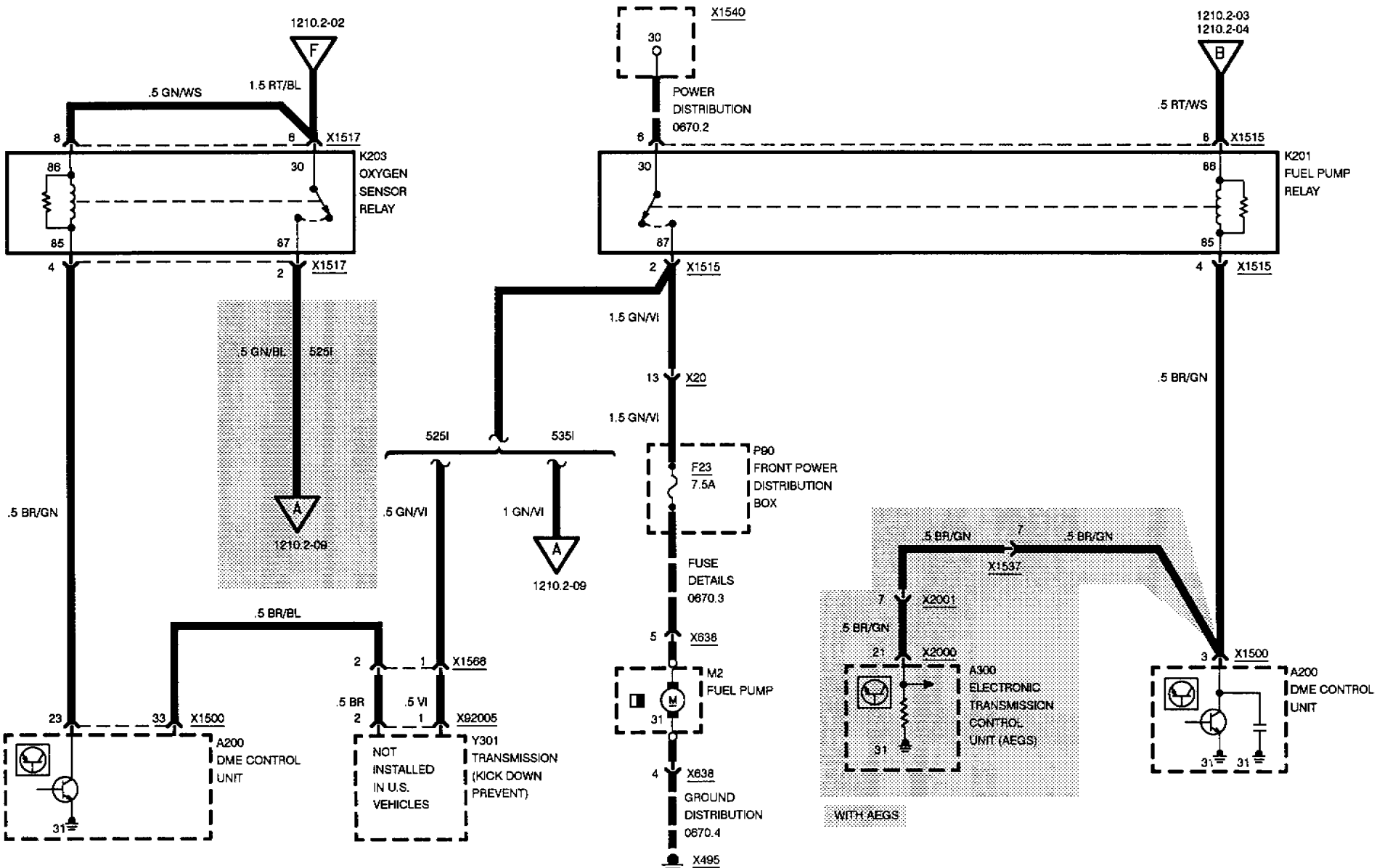


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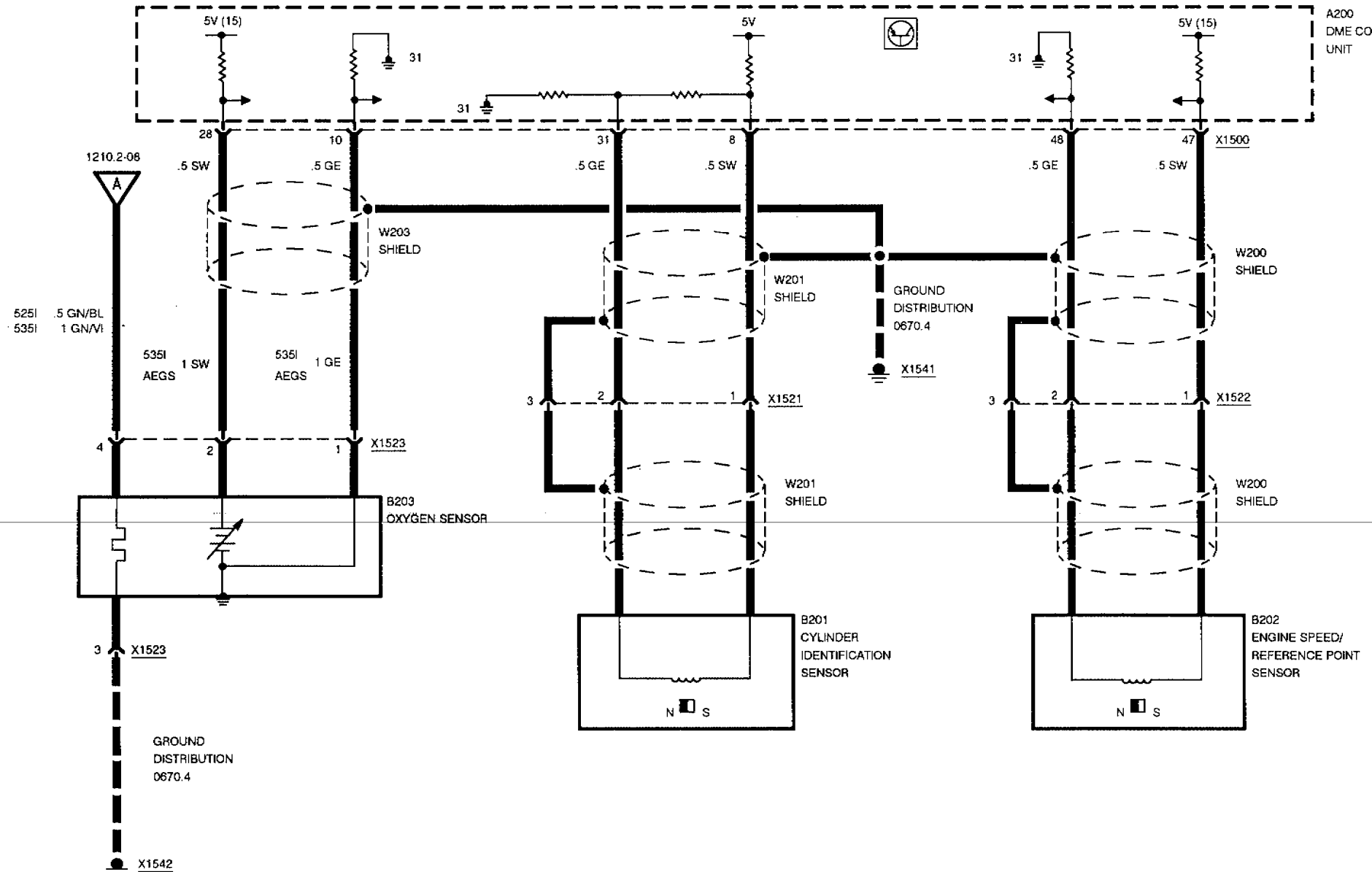
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INJECTION ELECTRONICS (DME 1.3)



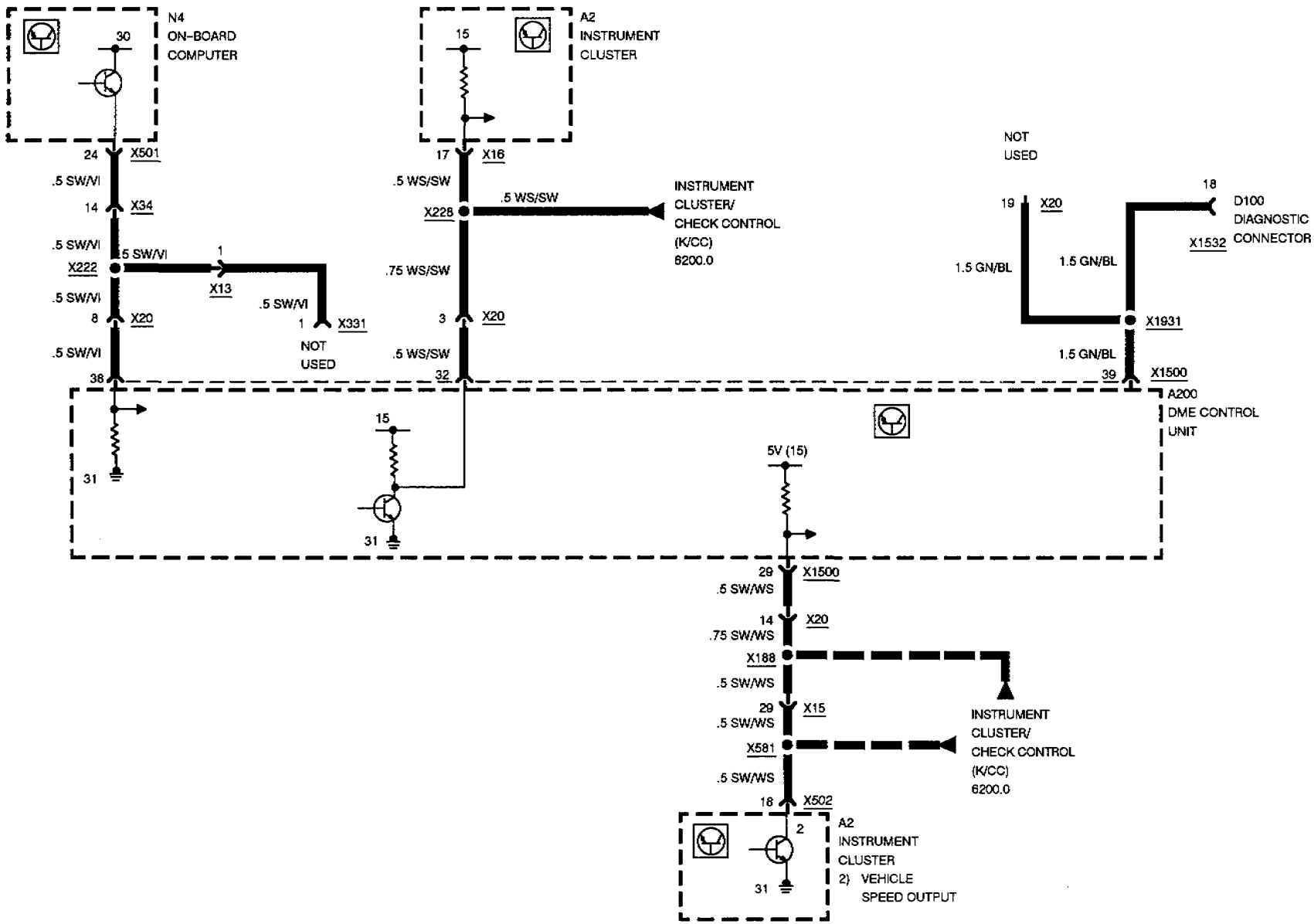
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INJECTION ELECTRONICS (DME 1.3)



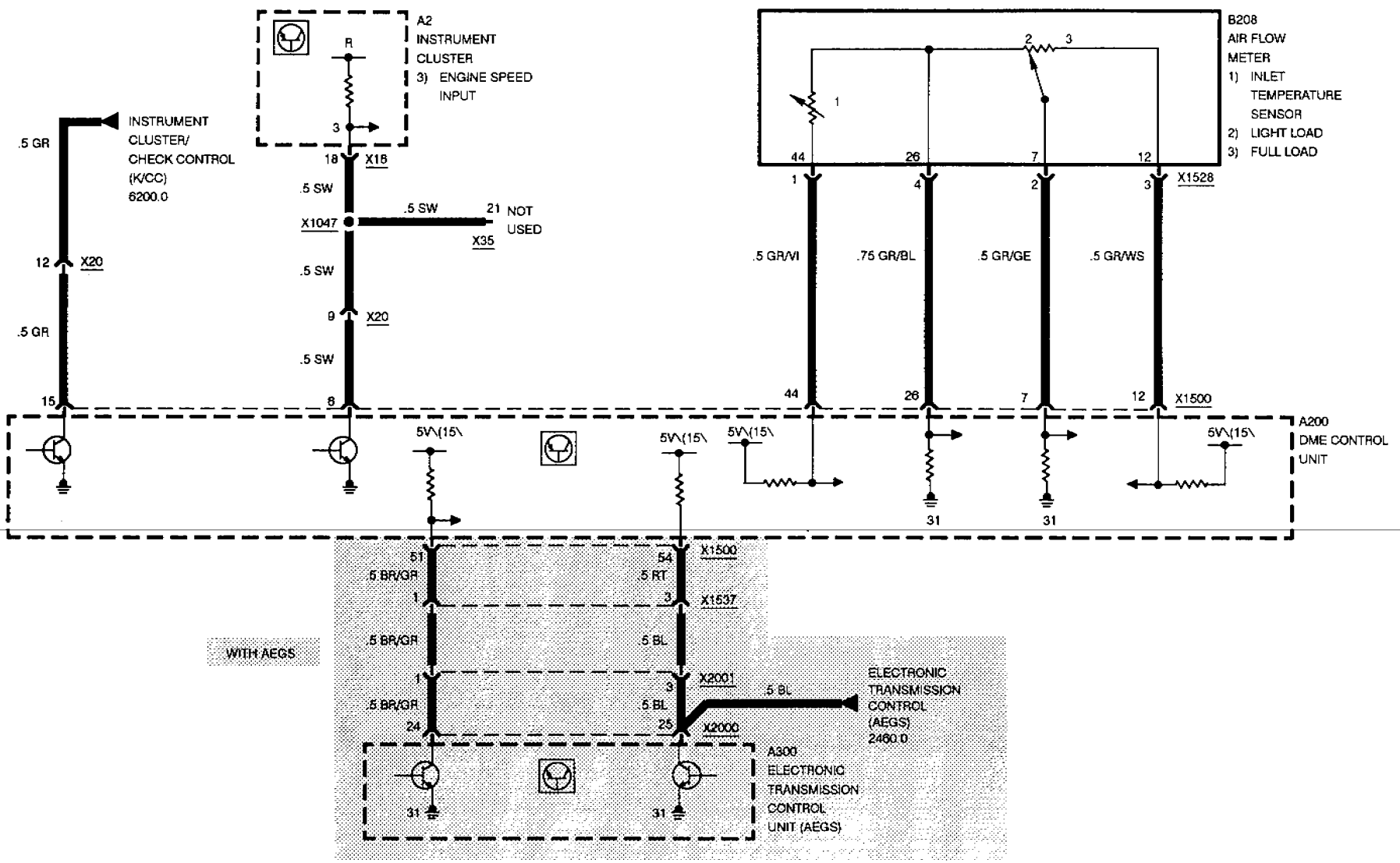
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INJECTION ELECTRONICS (DME 1.3)



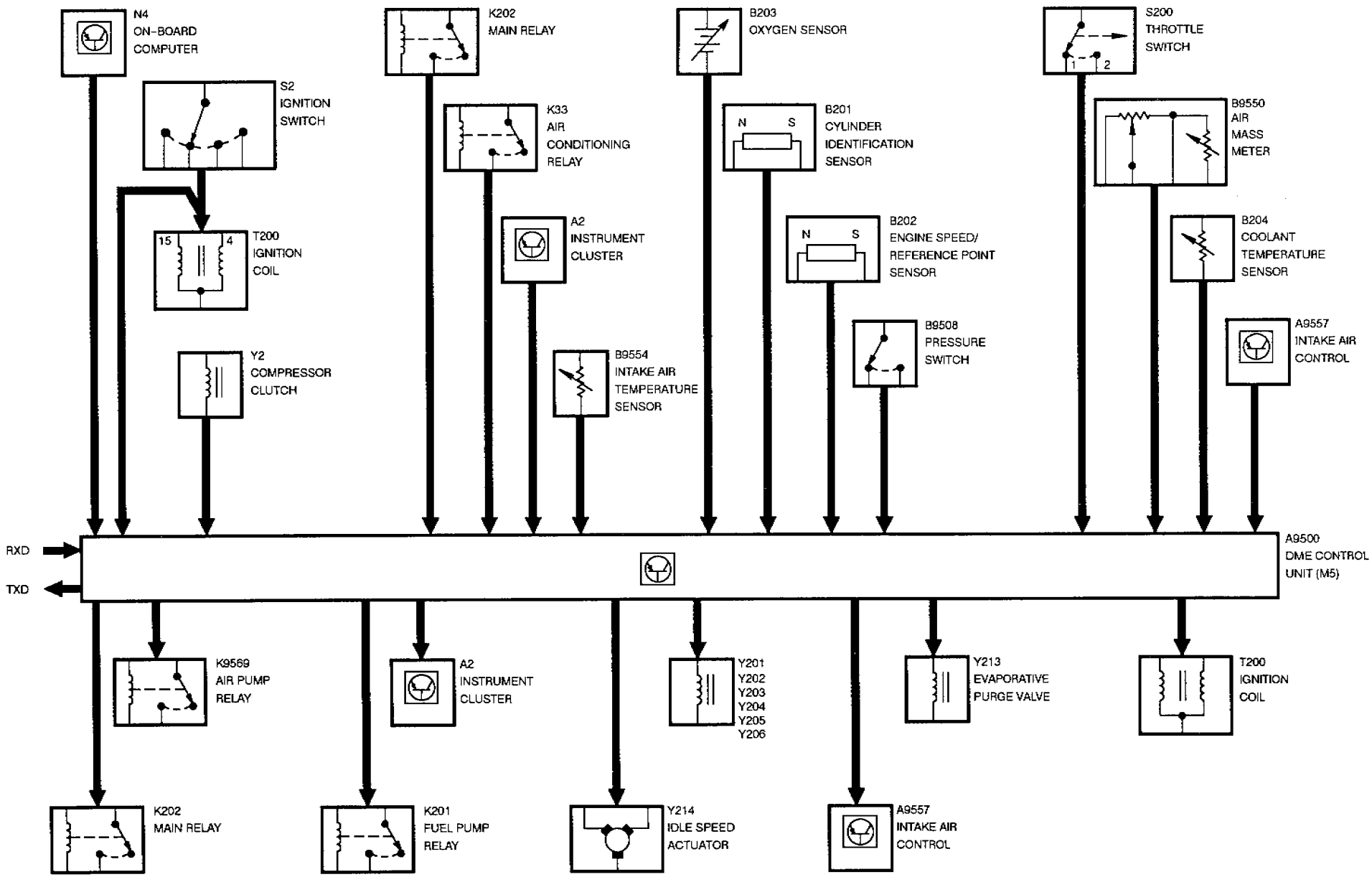
carmanuals.com

INJECTION ELECTRONICS (DME 1.3)

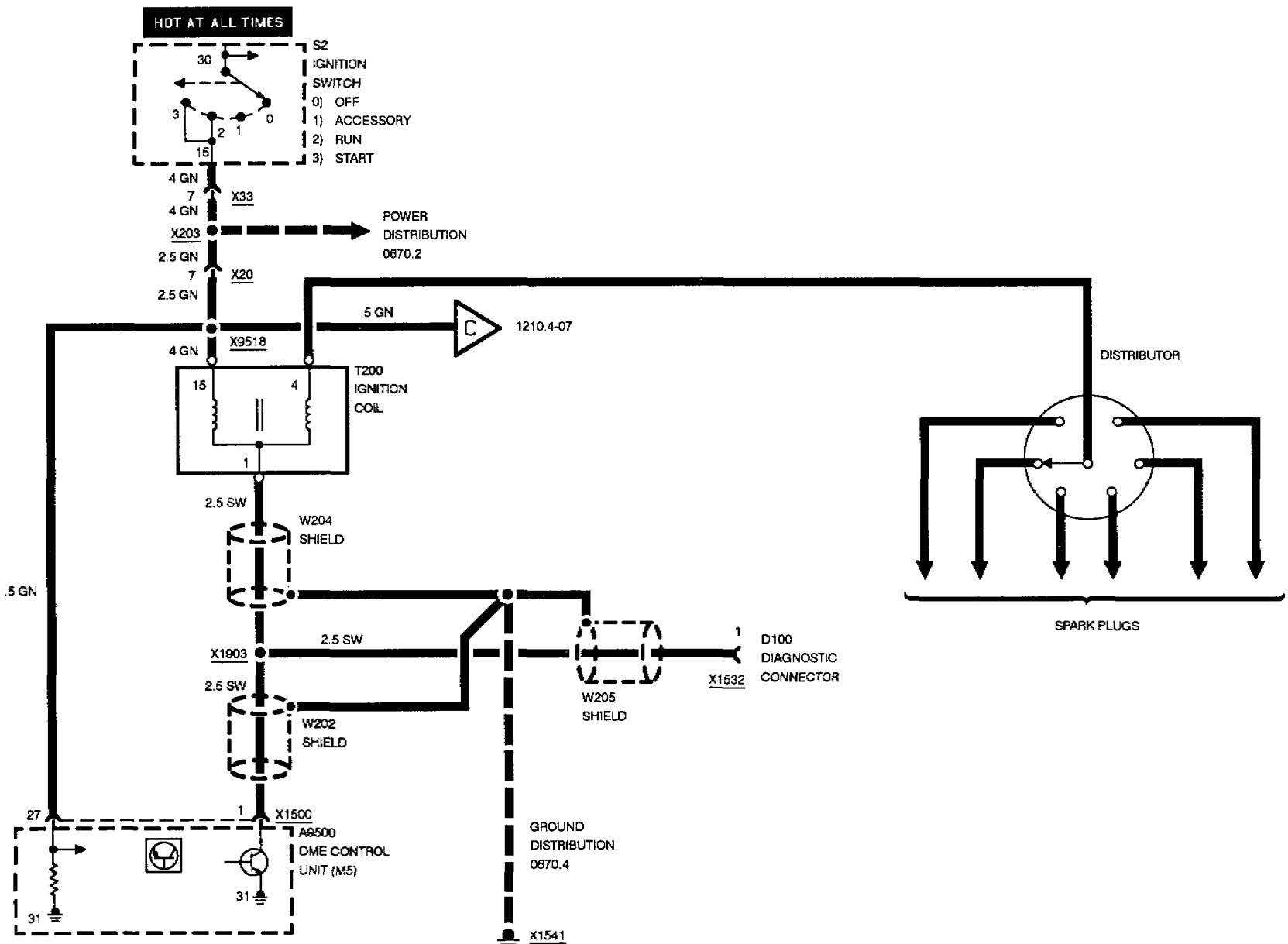


cardiagn.com

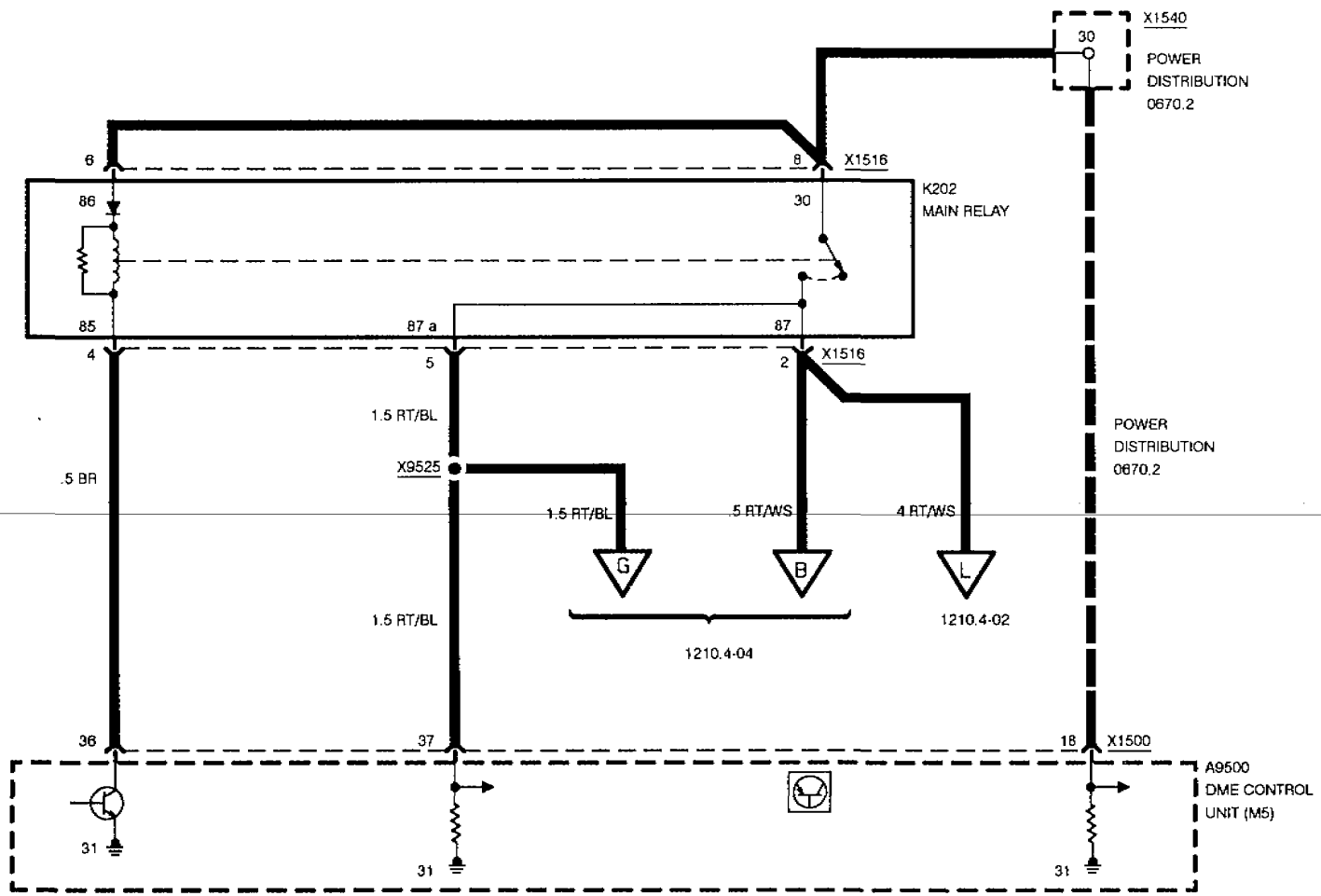
INJECTION ELECTRONICS (DME M1.2, 6 CYLINDER)



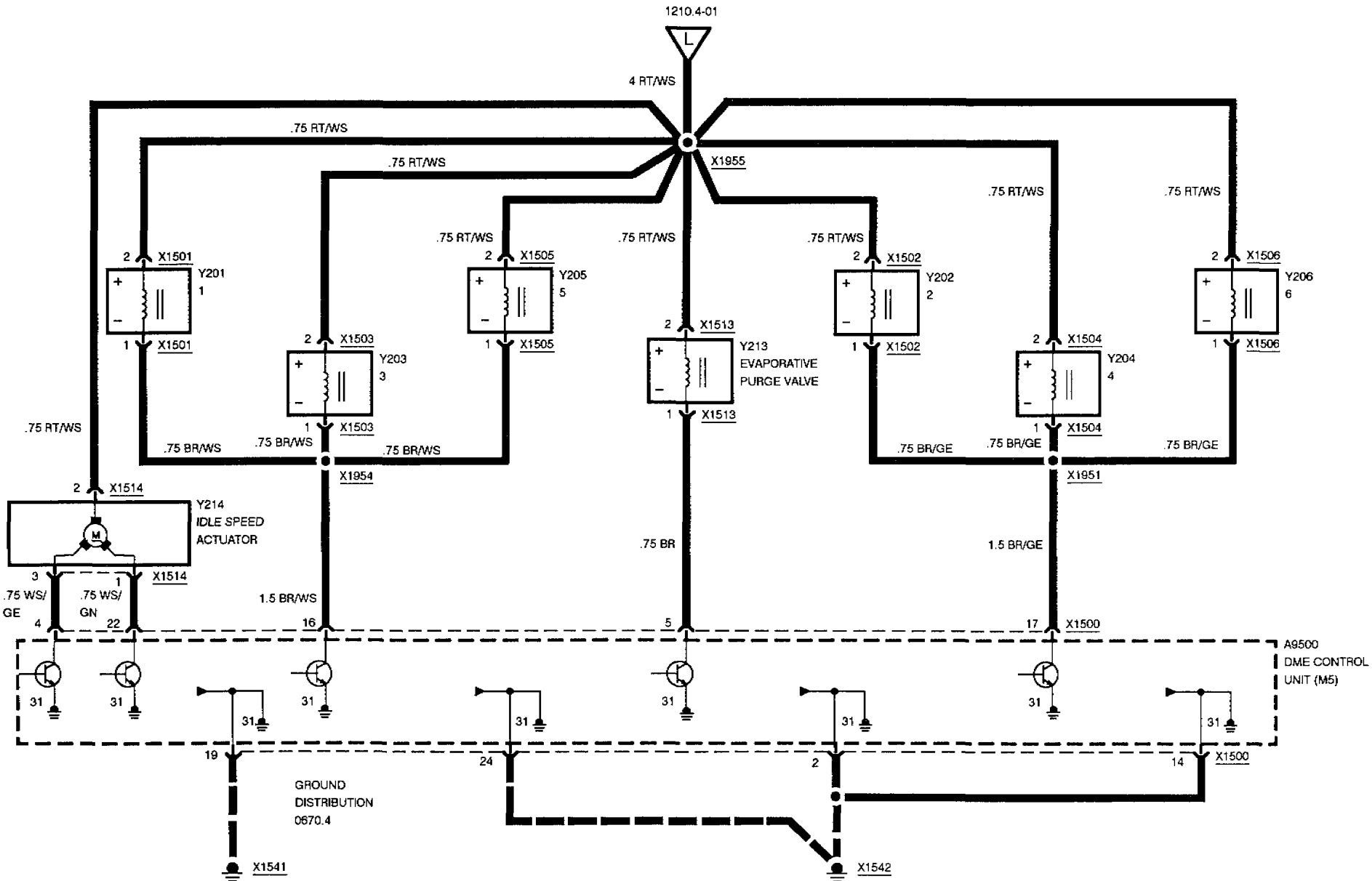
carDiagn.com



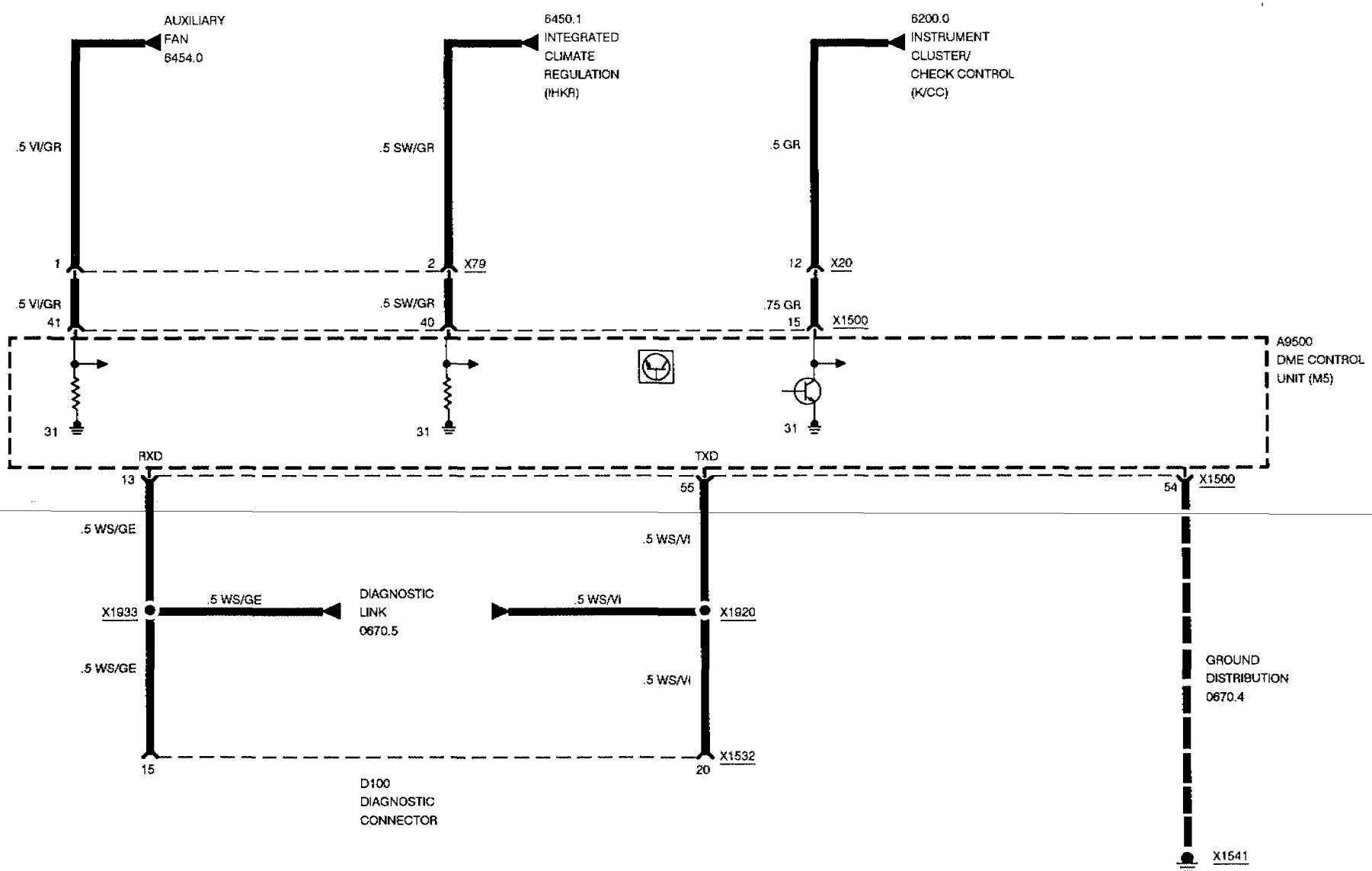
carlabgh.com



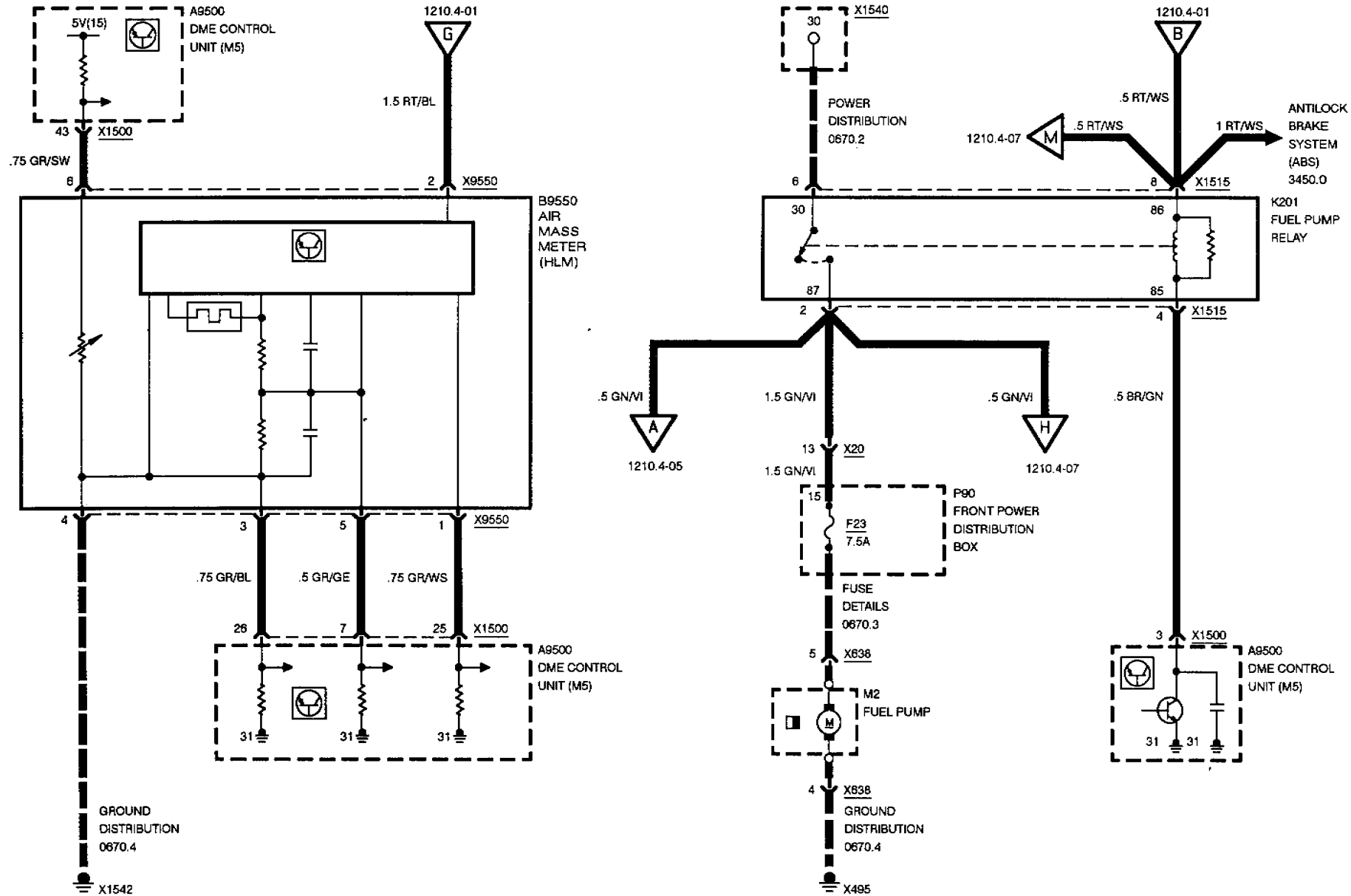
cardiagn.com



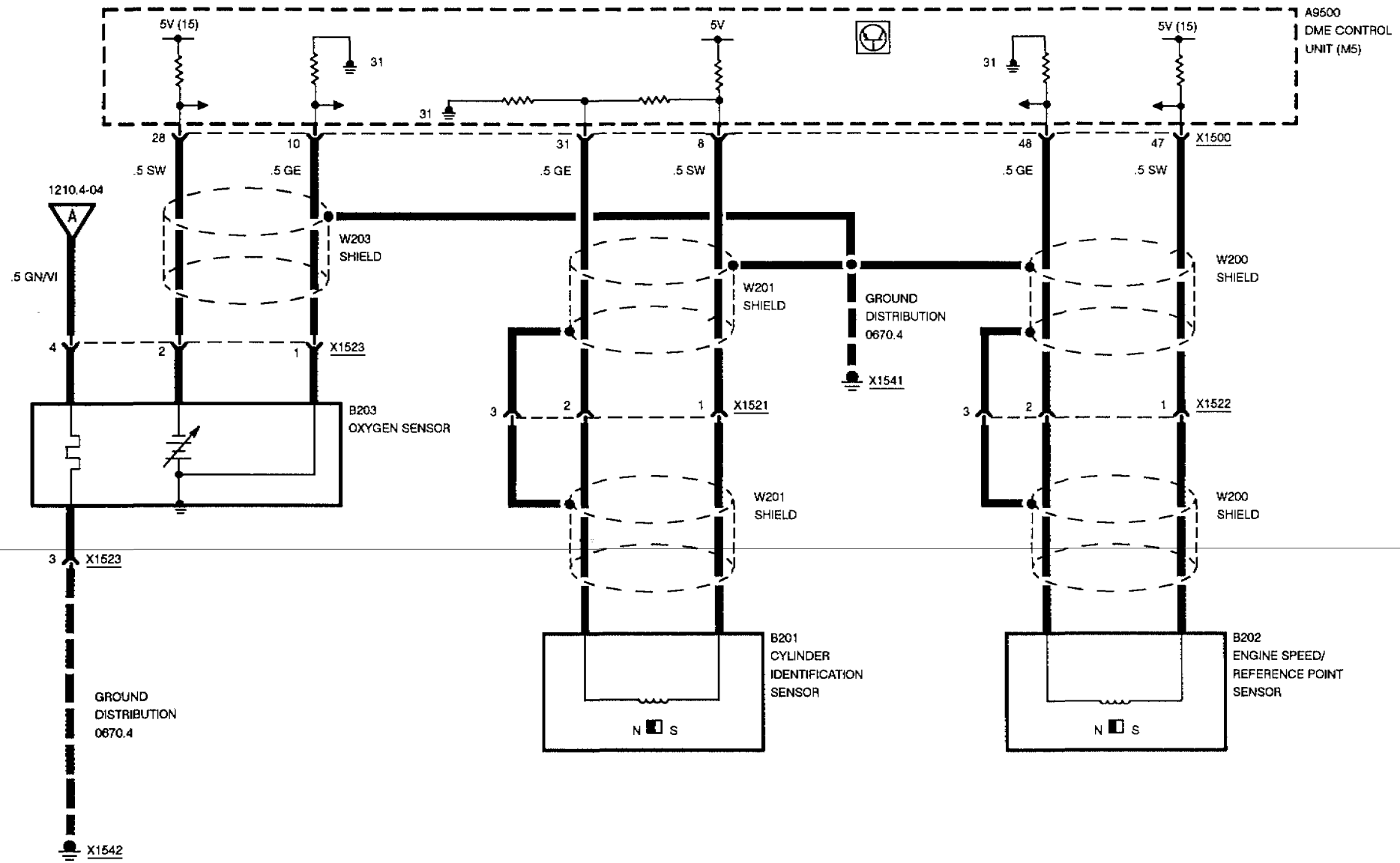
carlabgh.com



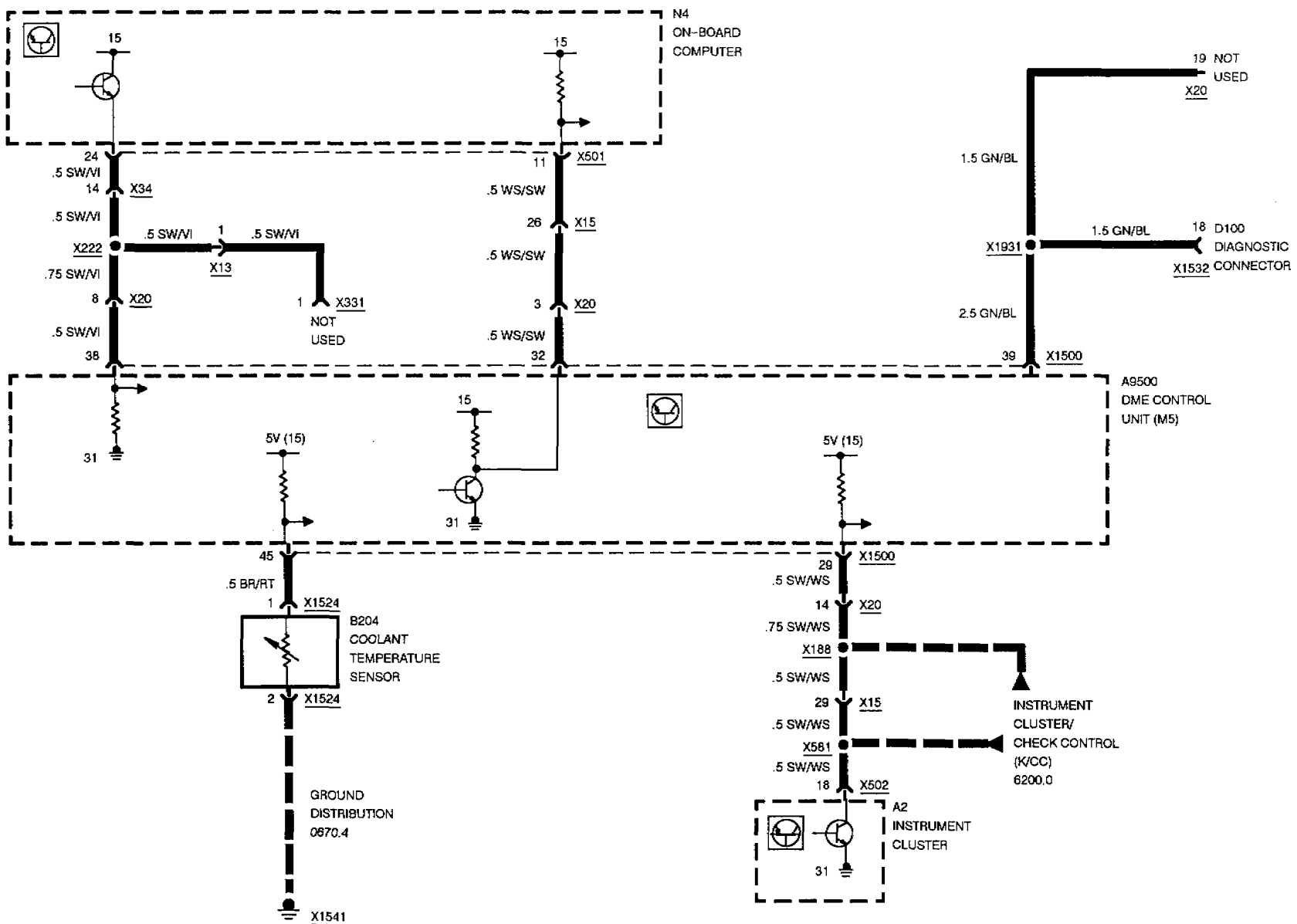
cardiagn.com



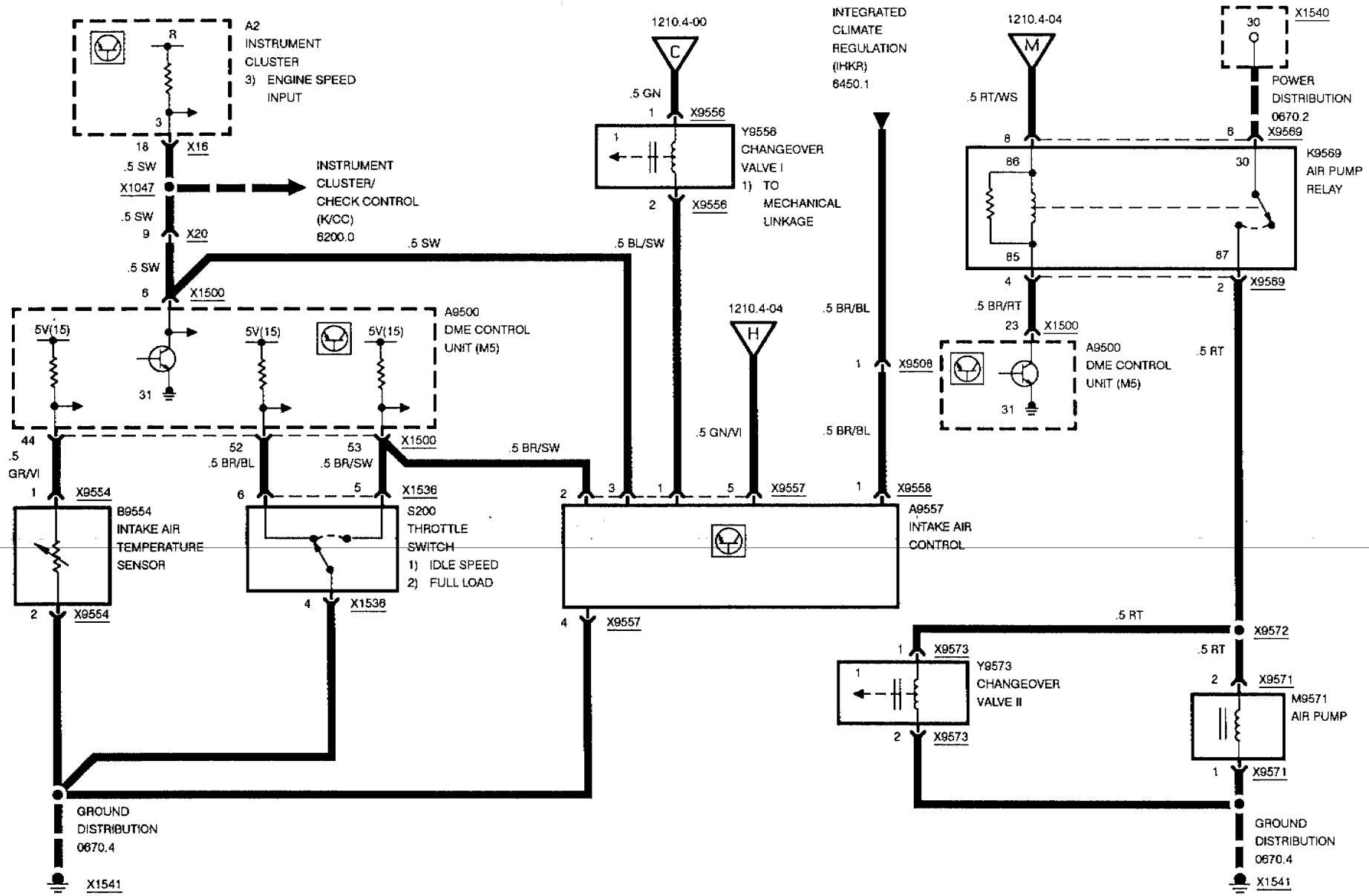
carDiagn.com



carlabgr.com

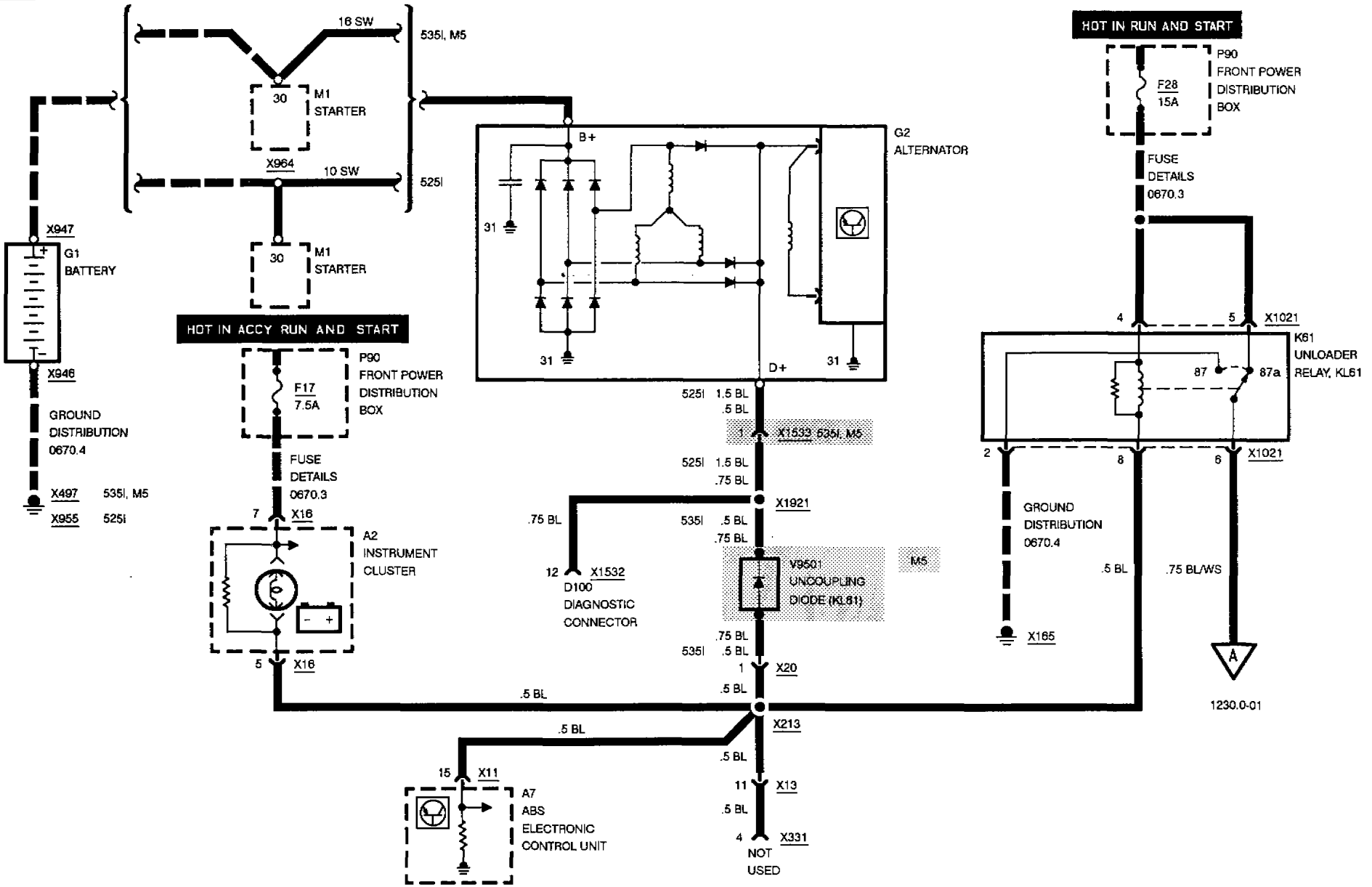

N4
ON-BOARD
COMPUTER
15
15
24
.5 SW/VI
14
X34
.5 SW/VI
X222
.75 SW/VI
8
X20
.5 SW/VI
38
.5 SW/VI
1
X13
.5 SW/VI
1
X331
NOT
USED
11
X501
.5 WS/SW
26
X15
.5 WS/SW
3
X20
.5 WS/SW
32
19 NOT
USED
X20
1.5 GN/BL
X1931
1.5 GN/BL
18 D100
DIAGNOSTIC
X1532 CONNECTOR
2.5 GN/BL
39
X1500
A9500
DME CONTROL
UNIT (M5)
31
5V (15)
15
31
5V (15)
45
.5 BR/RT
1
X1524
B204
COOLANT
TEMPERATURE
SENSOR
2
X1524
GROUND
DISTRIBUTION
0670.4
X1541
29
X1500
.5 SW/WS
14
X20
.75 SW/WS
X188
.5 SW/WS
29
X15
.5 SW/WS
X581
.5 SW/WS
18
X502
INSTRUMENT
CLUSTER/
CHECK CONTROL
(K/CC)
6200.0
A2
INSTRUMENT
CLUSTER
31

carlabg.com



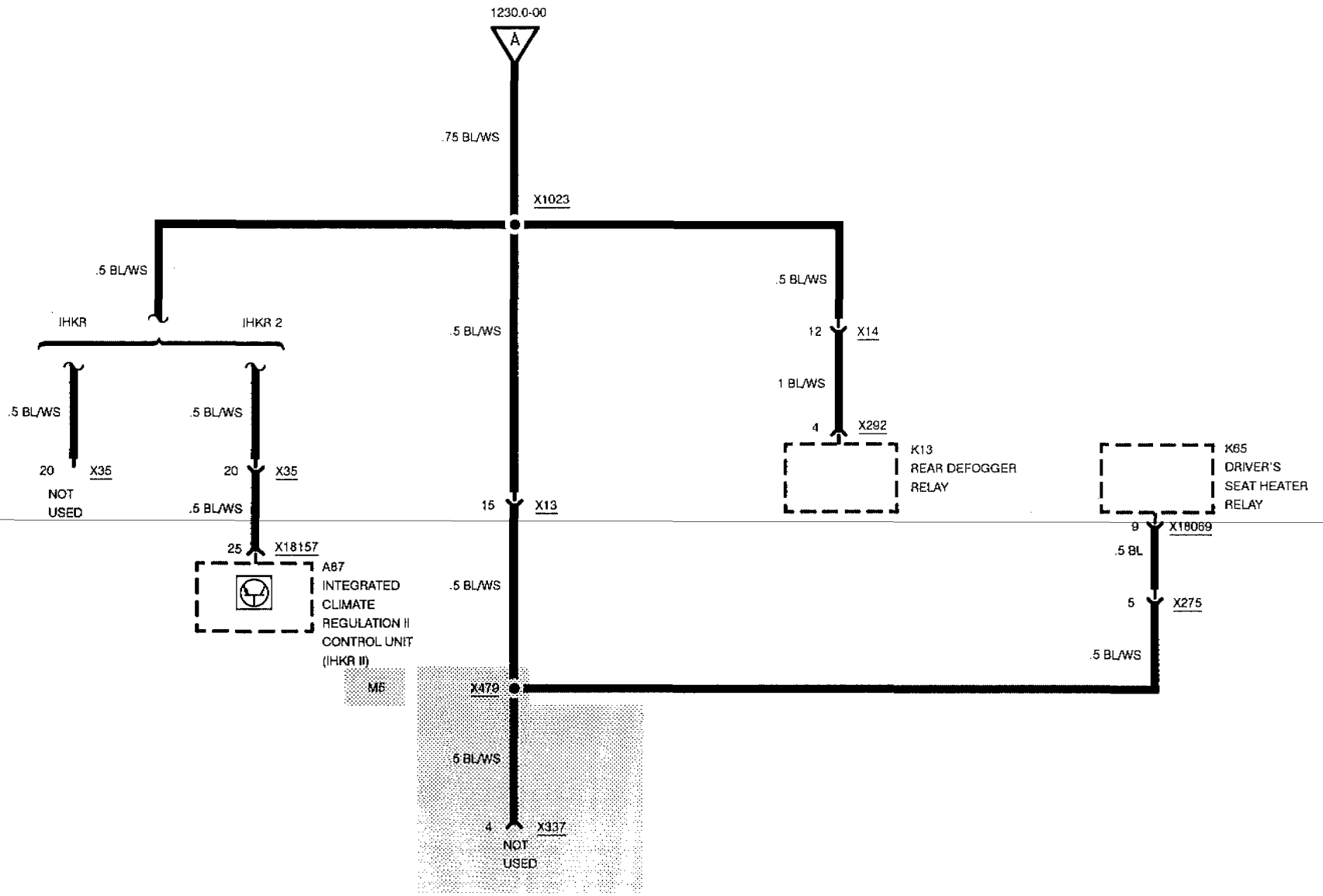
cardiagn.com

CHARGING SYSTEM

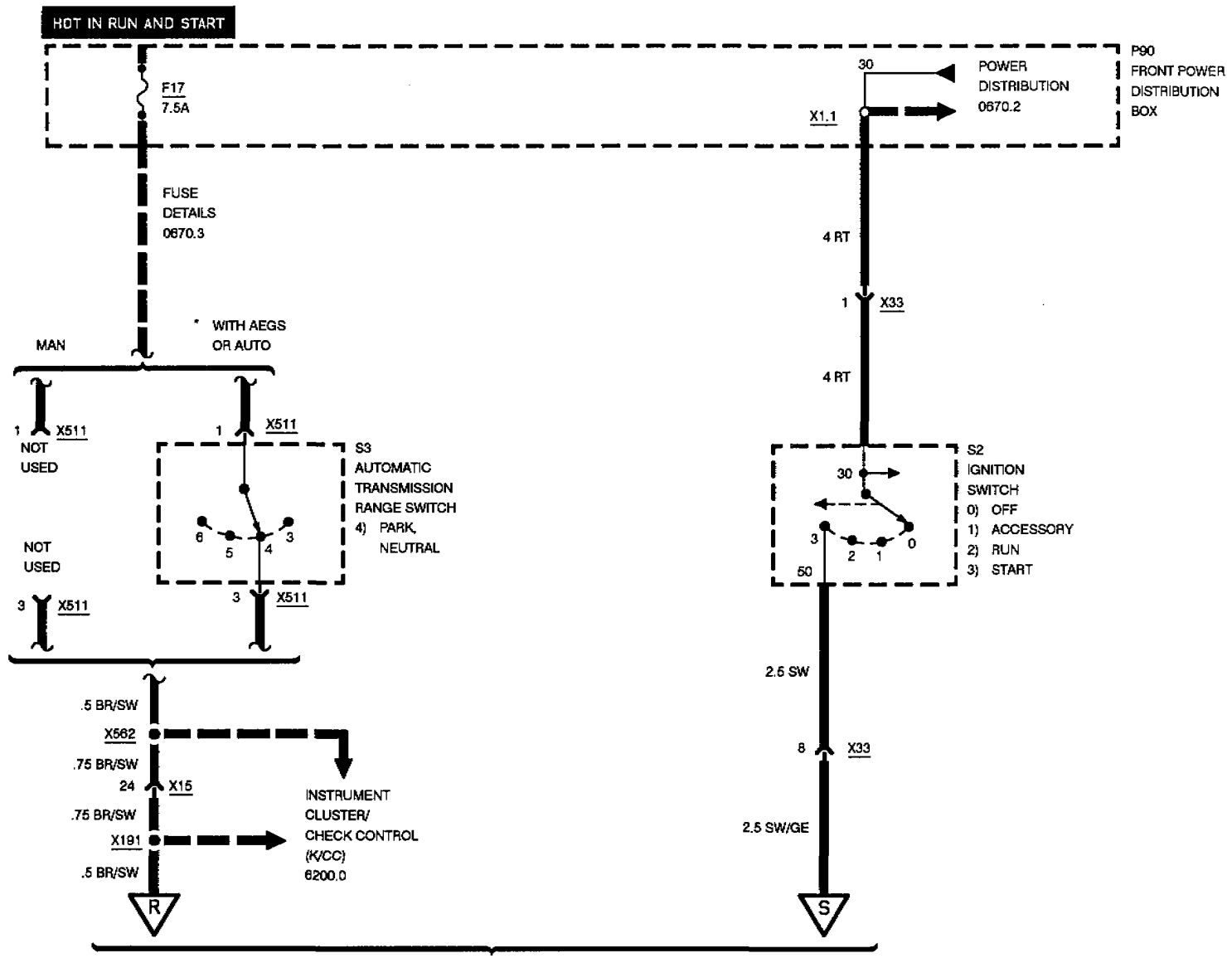


cardiagn.com

CHARGING SYSTEM

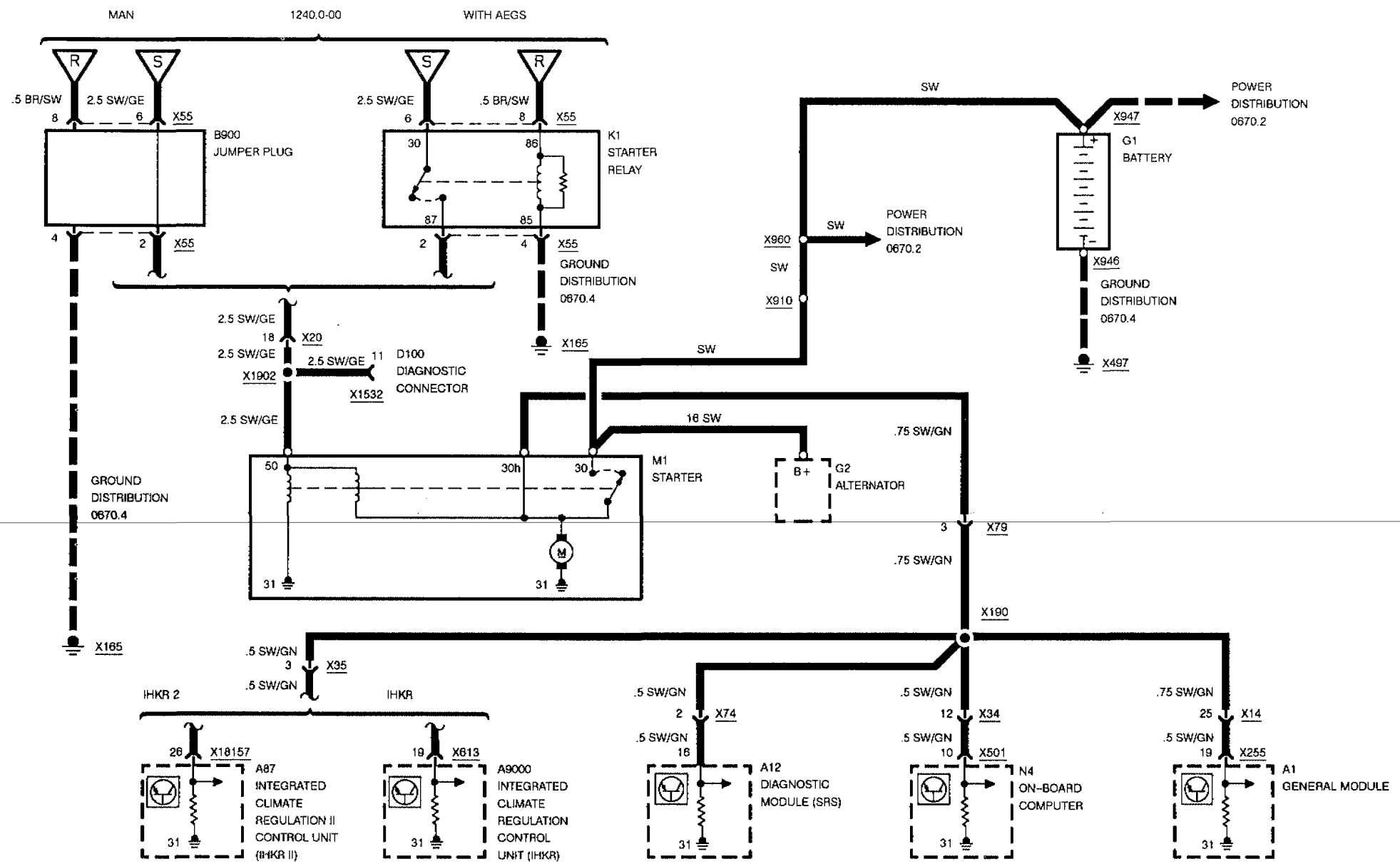


cardiagn.com

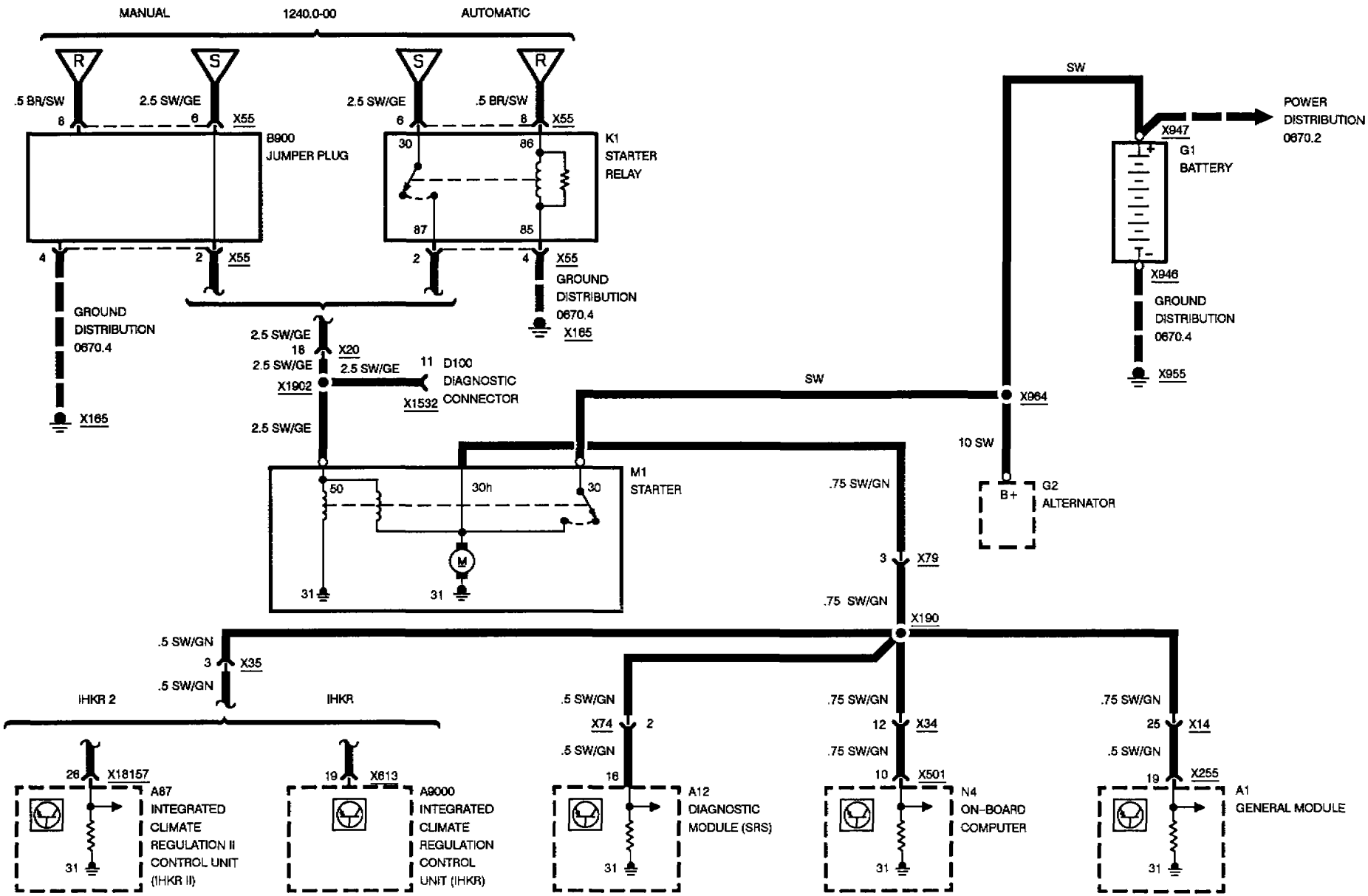


1240.0-01 535, M5I
1240.0-02 525I

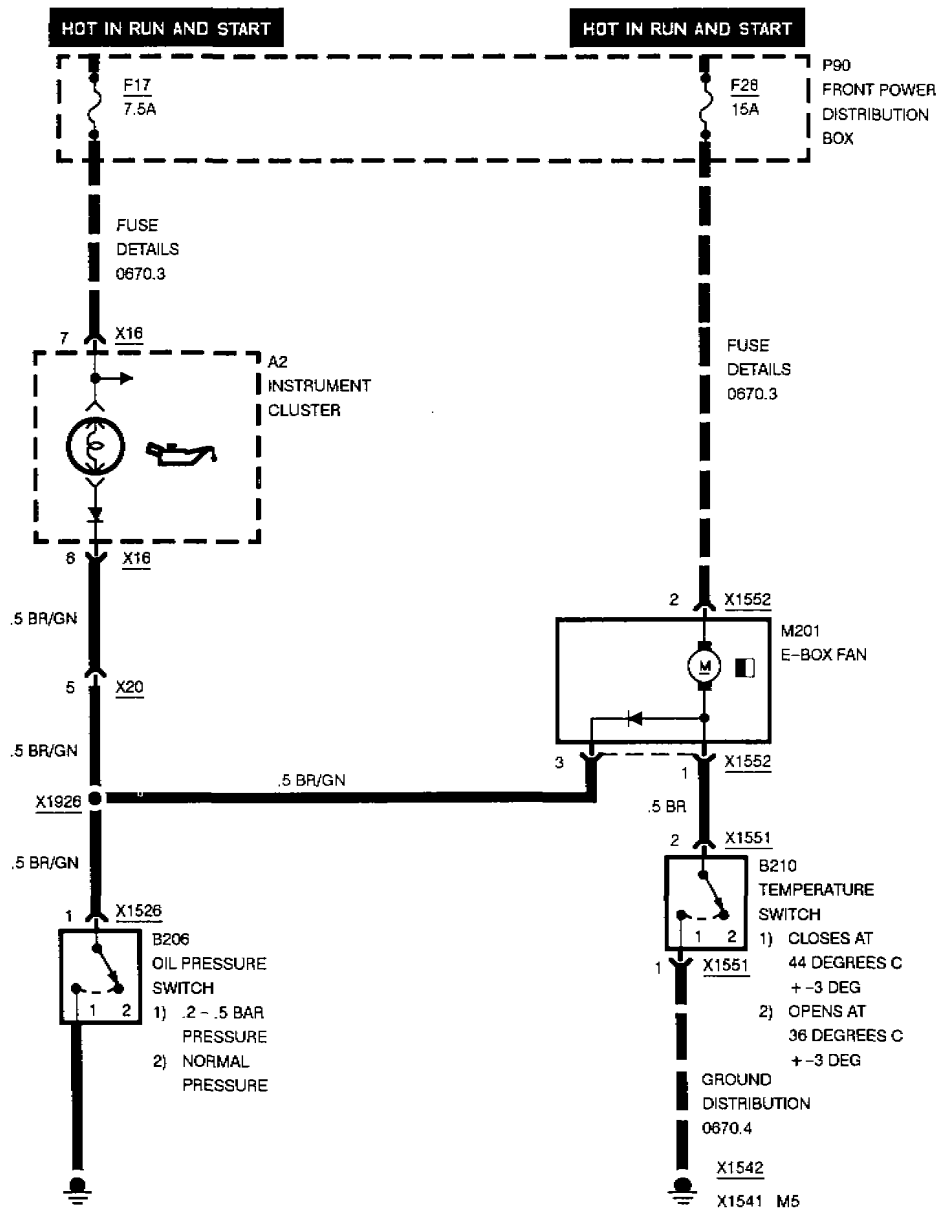
cardiagn.com


MAN
1240.0-00
WITH AEGS
R
S
.5 BR/SW
2.5 SW/GE
8
6
X55
B900
JUMPER PLUG
4
2
X55
2.5 SW/GE
6
.5 BR/SW
8
X55
30
86
87
85
K1
STARTER
RELAY
2
4
X55
GROUND
DISTRIBUTION
0670.4
SW
X960
SW
X910
POWER
DISTRIBUTION
0670.2
X947
POWER
DISTRIBUTION
0670.2
G1
BATTERY
X946
GROUND
DISTRIBUTION
0670.4
X497
2.5 SW/GE
18
X20
2.5 SW/GE
X1902
2.5 SW/GE
11
D100
DIAGNOSTIC
CONNECTOR
X1532
X165
SW
16 SW
.75 SW/GN
50
30h
30
M1
STARTER
B+
G2
ALTERNATOR
31
31
3
X79
.75 SW/GN
X190
GROUND
DISTRIBUTION
0670.4
X165
.5 SW/GN
3
X35
.5 SW/GN
IHKR 2
IHKR
26
X18157
A87
INTEGRATED
CLIMATE
REGULATION II
CONTROL UNIT
(IHKR II)
31
19
X613
A9000
INTEGRATED
CLIMATE
REGULATION
CONTROL
UNIT (IHKR)
31
.5 SW/GN
2
X74
.5 SW/GN
16
A12
DIAGNOSTIC
MODULE (SRS)
31
.5 SW/GN
12
X34
.5 SW/GN
10
X501
N4
ON-BOARD
COMPUTER
31
.75 SW/GN
25
X14
.5 SW/GN
19
X255
A1
GENERAL MODULE
31

carlagu.com

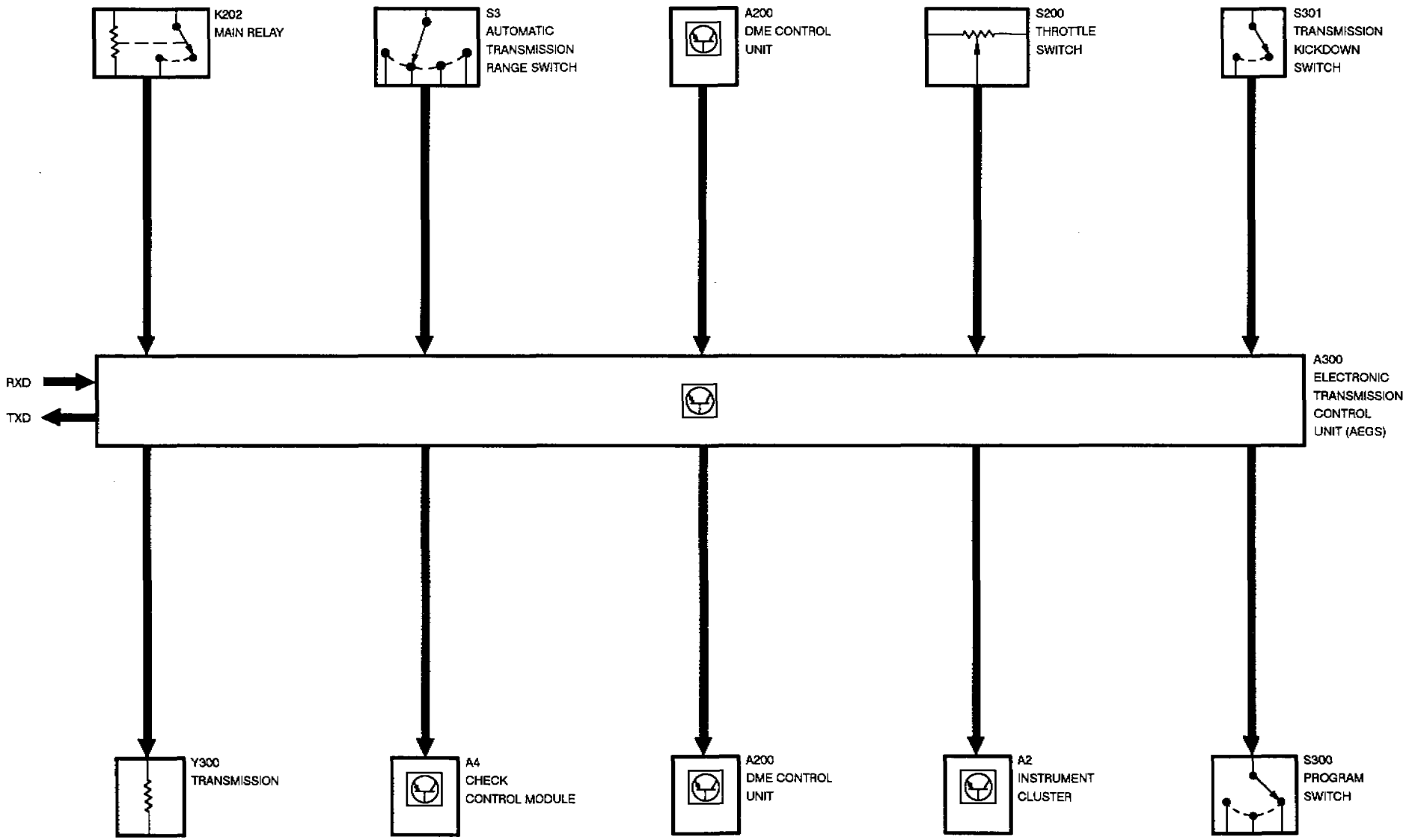


cardiagn.com



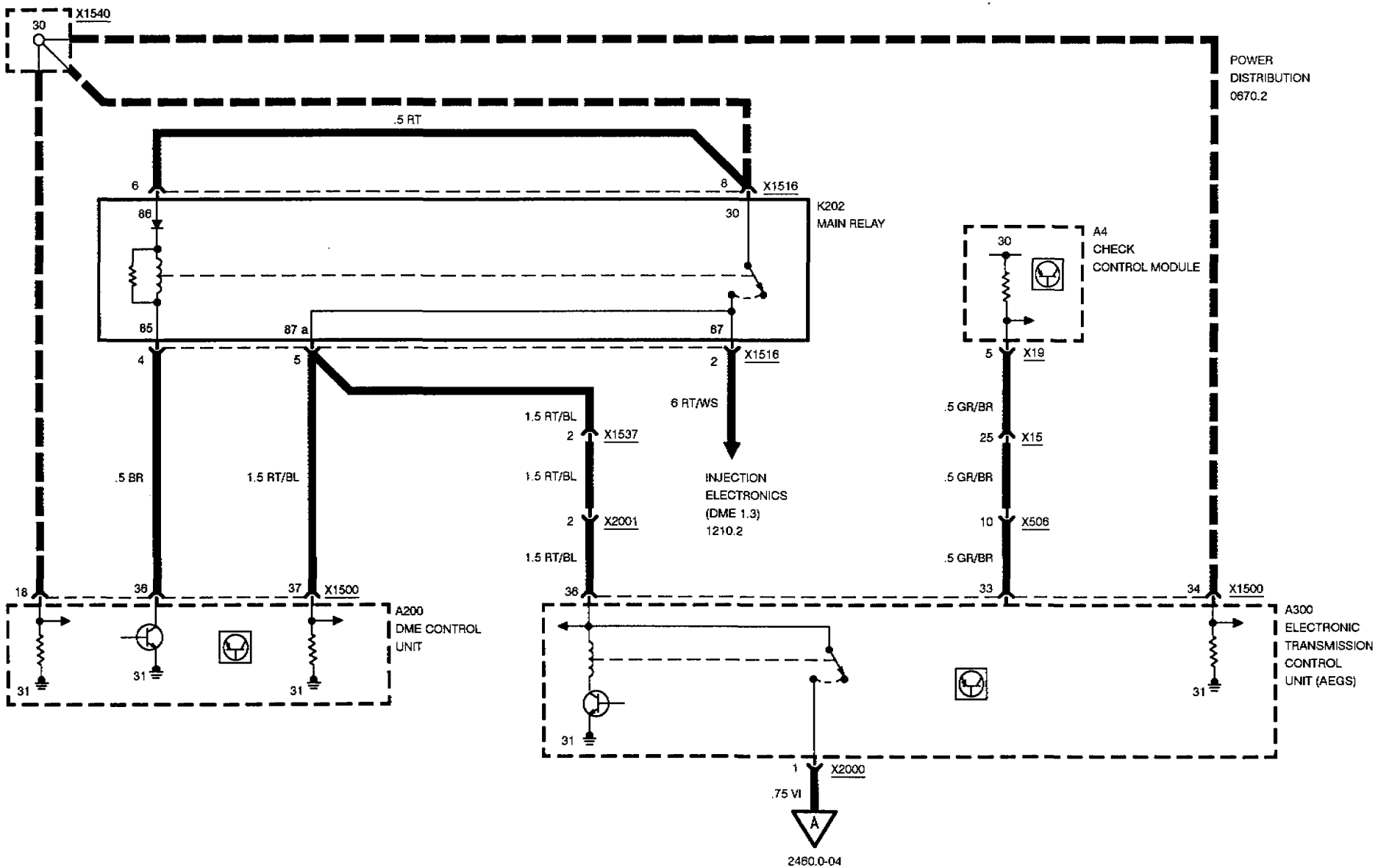
cardiagn.com

ELECTRONIC TRANSMISSION CONTROL (AEGS)



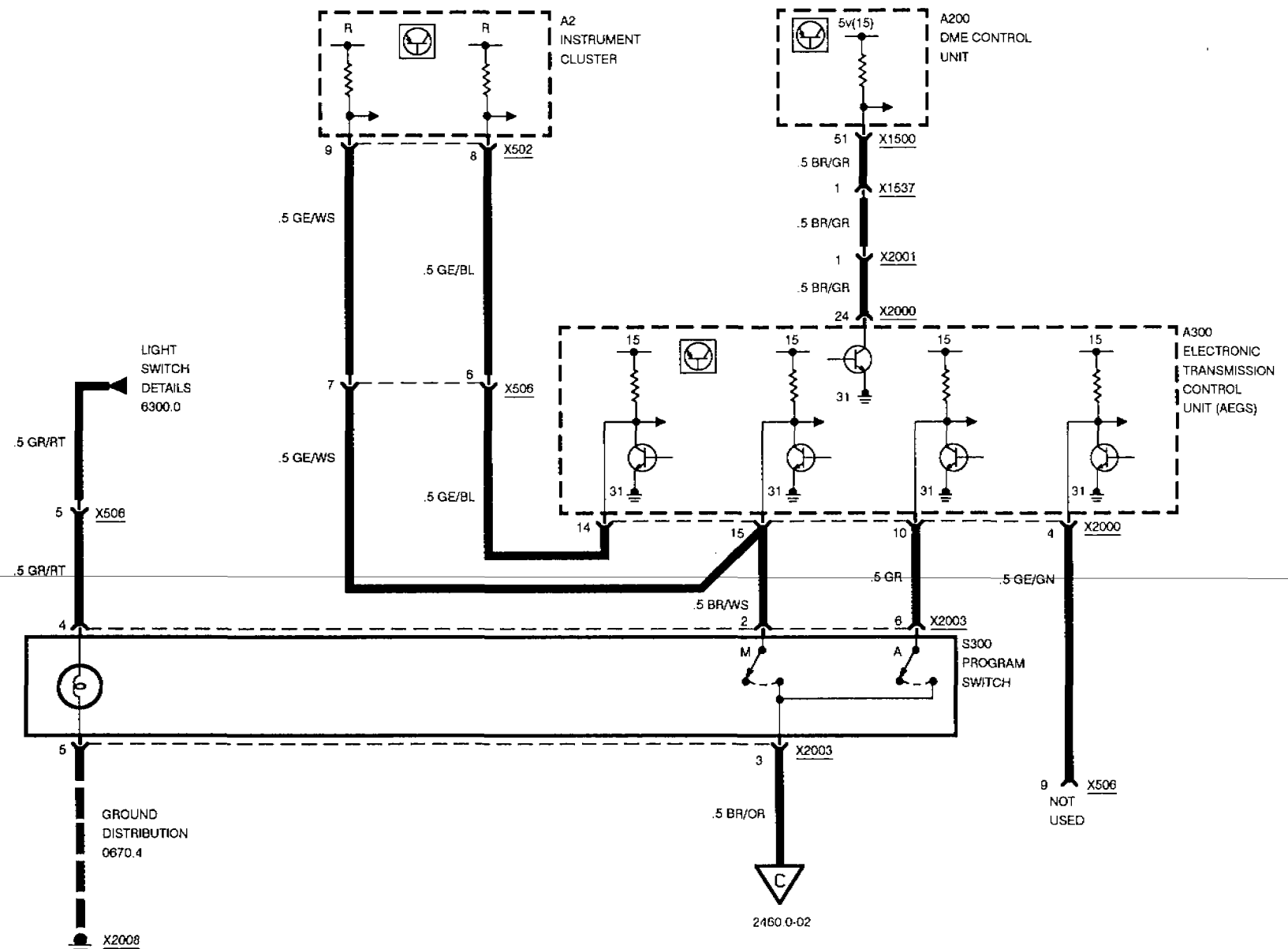
cardiagn.com

ELECTRONIC TRANSMISSION CONTROL (AEGS)



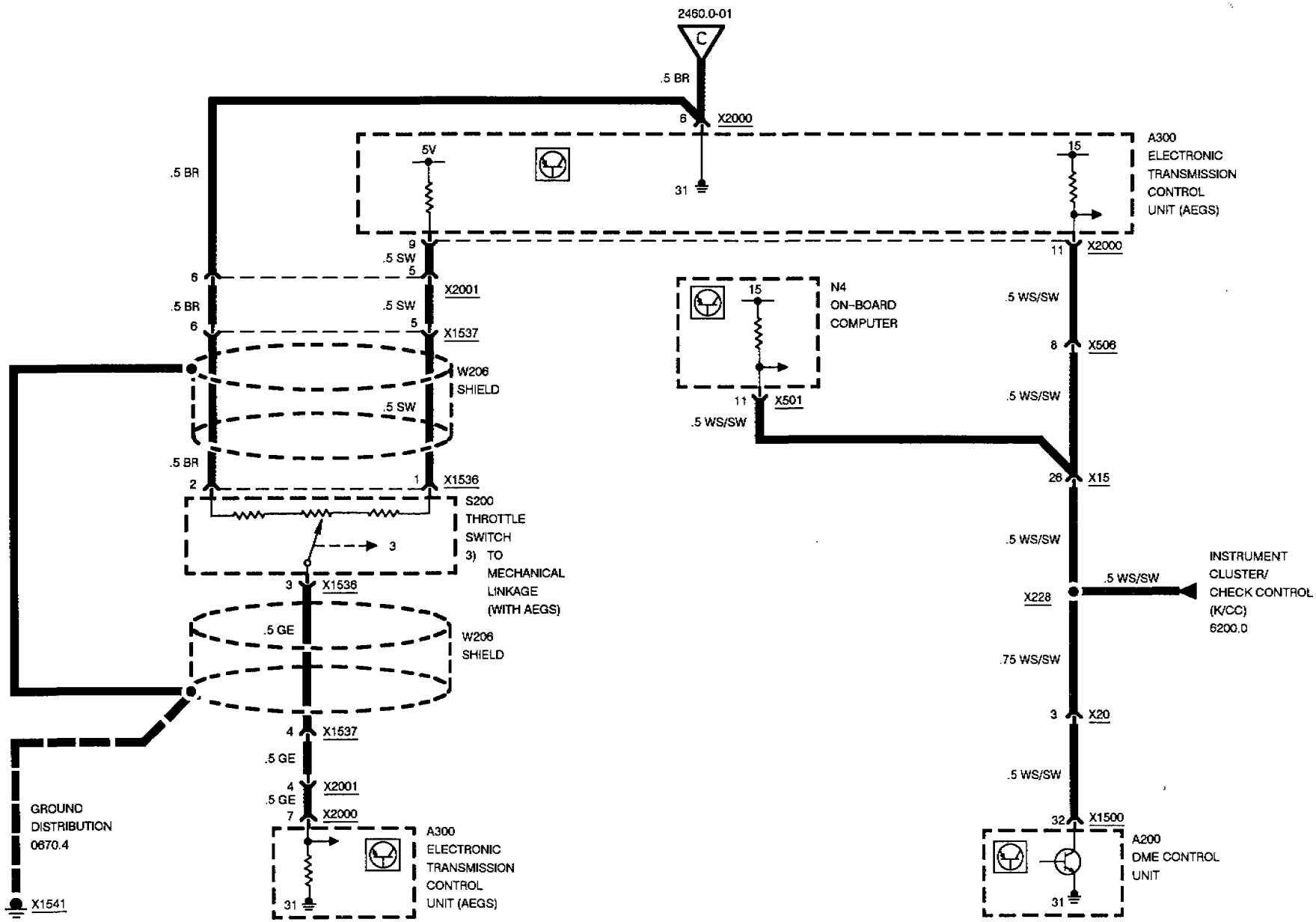
cardiagn.com

ELECTRONIC TRANSMISSION CONTROL (AEGS)



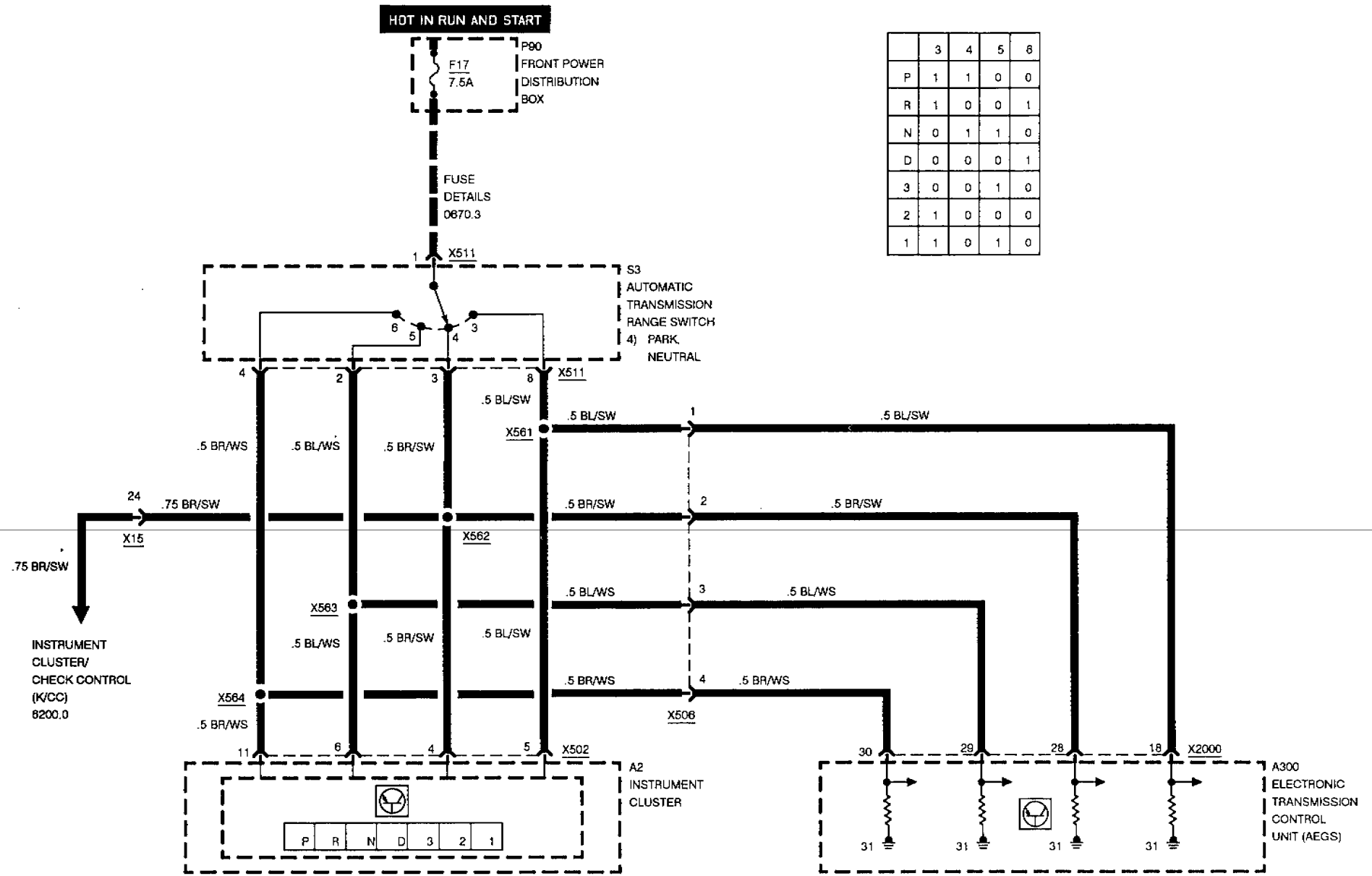
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ELECTRONIC TRANSMISSION CONTROL (AEGS)



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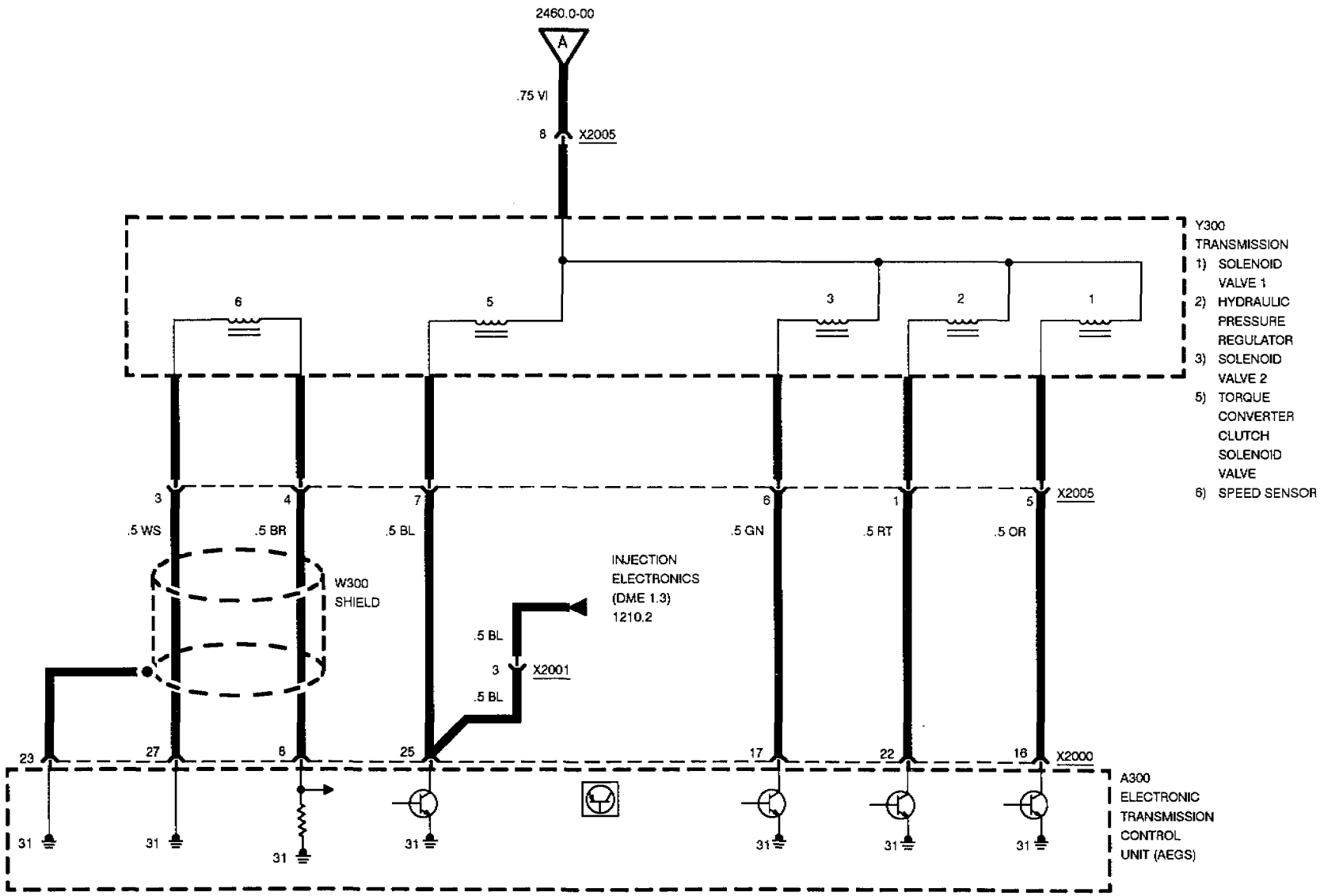
ELECTRONIC TRANSMISSION CONTROL (AEGS)



	3	4	5	6
P	1	1	0	0
R	1	0	0	1
N	0	1	1	0
D	0	0	0	1
3	0	0	1	0
2	1	0	0	0
1	1	0	1	0

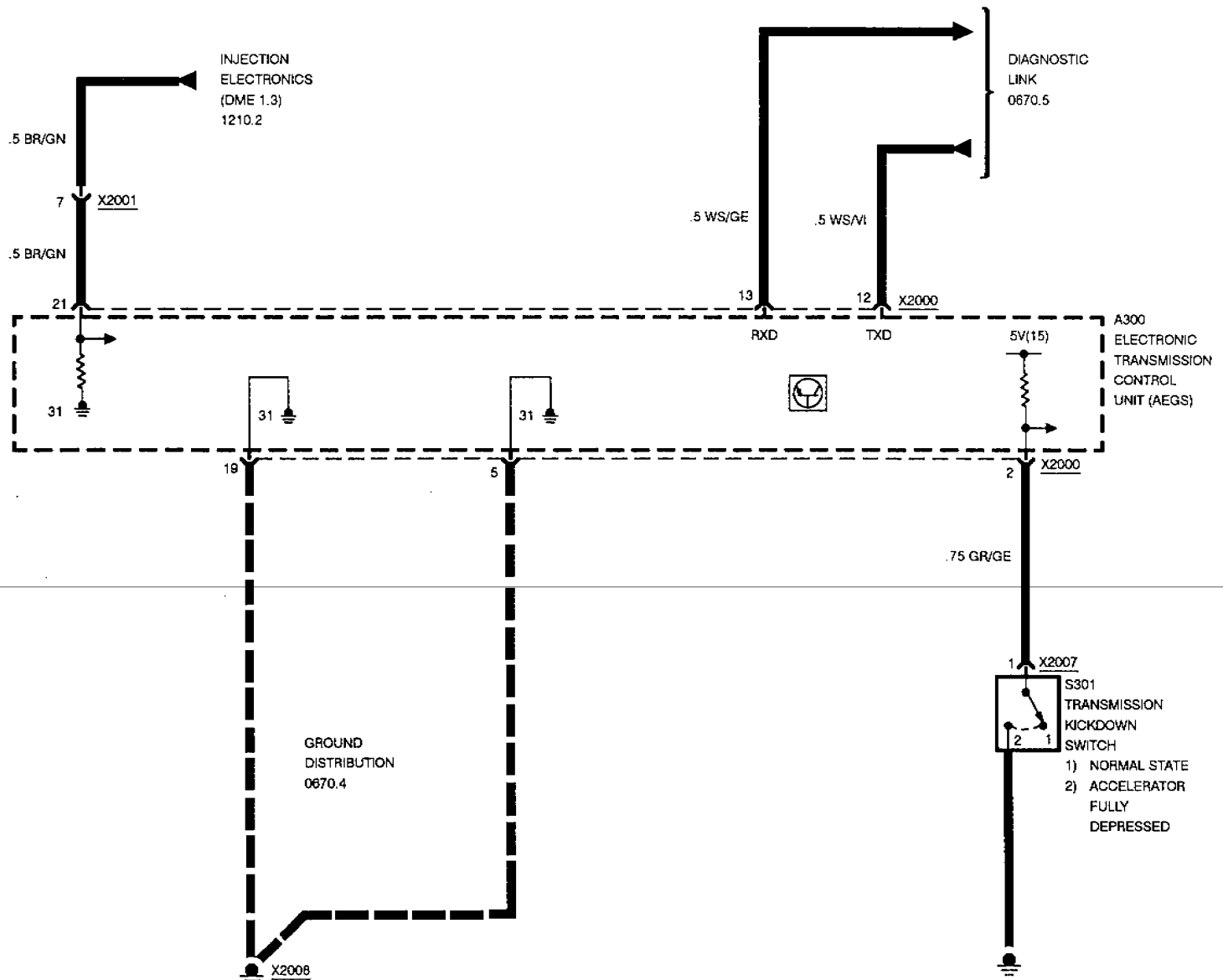
carlabgr.com

ELECTRONIC TRANSMISSION CONTROL (AEGS)



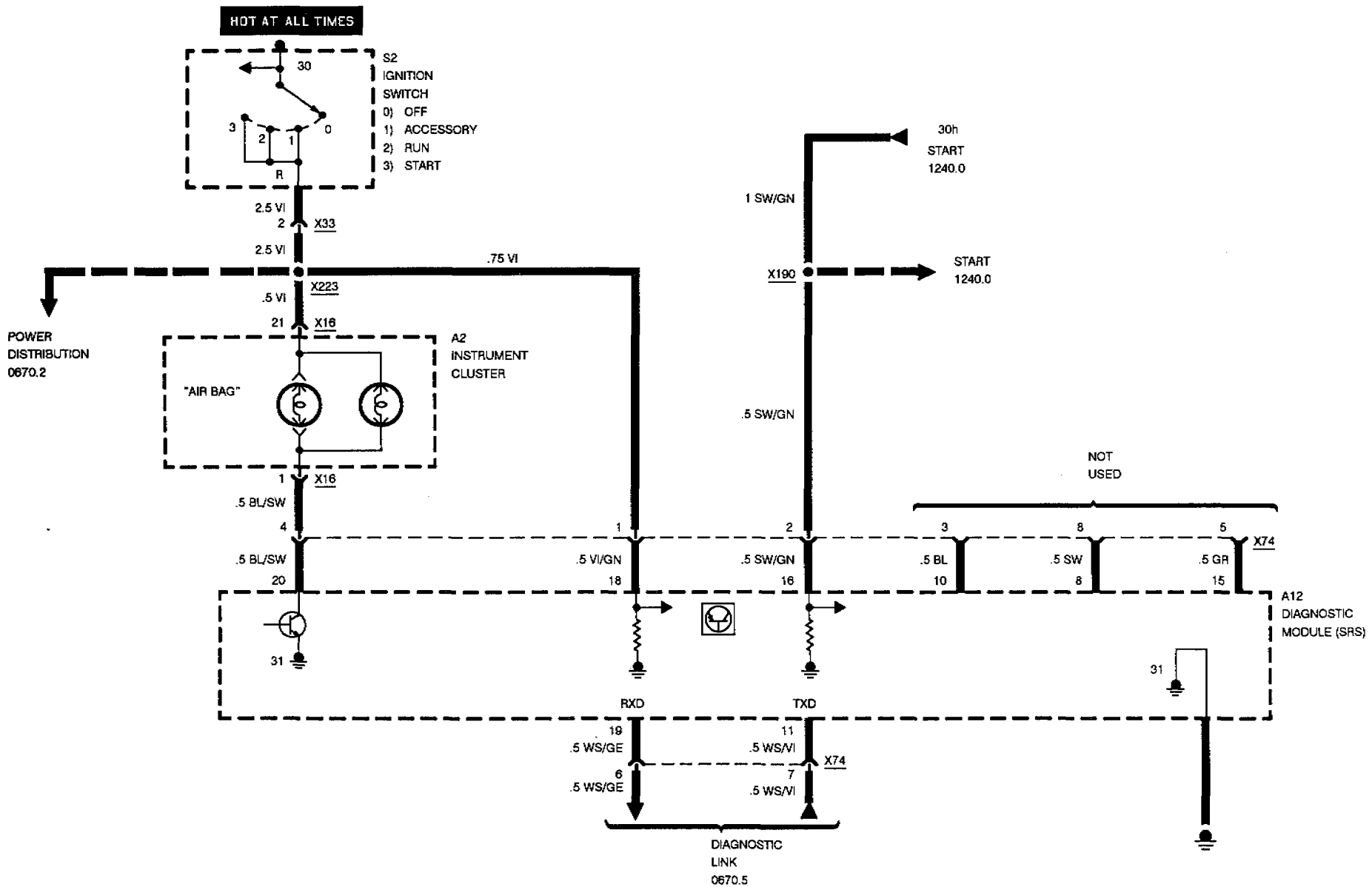
carlabgr.com

ELECTRONIC TRANSMISSION CONTROL (AEGS)



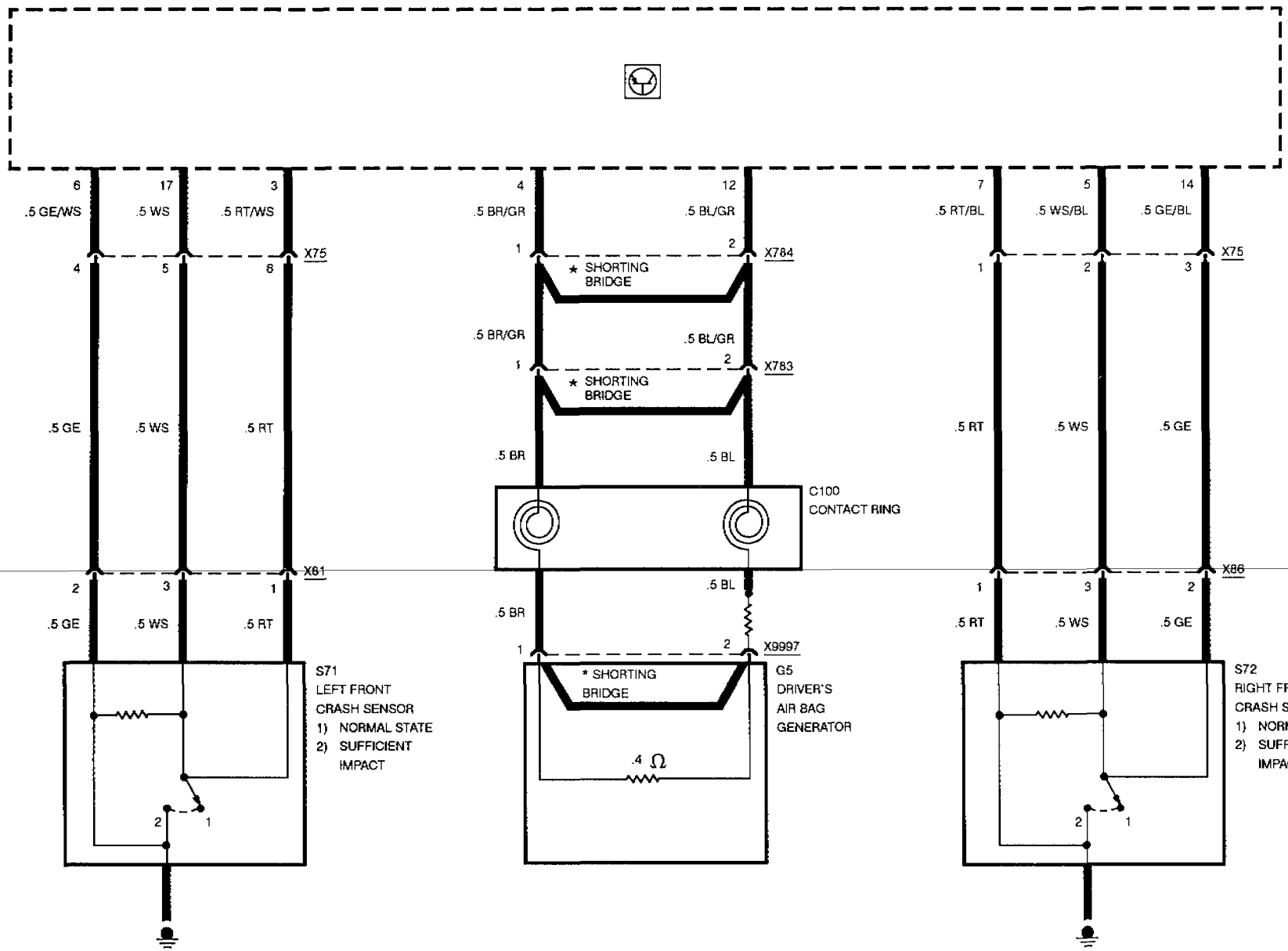
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SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)



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SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)



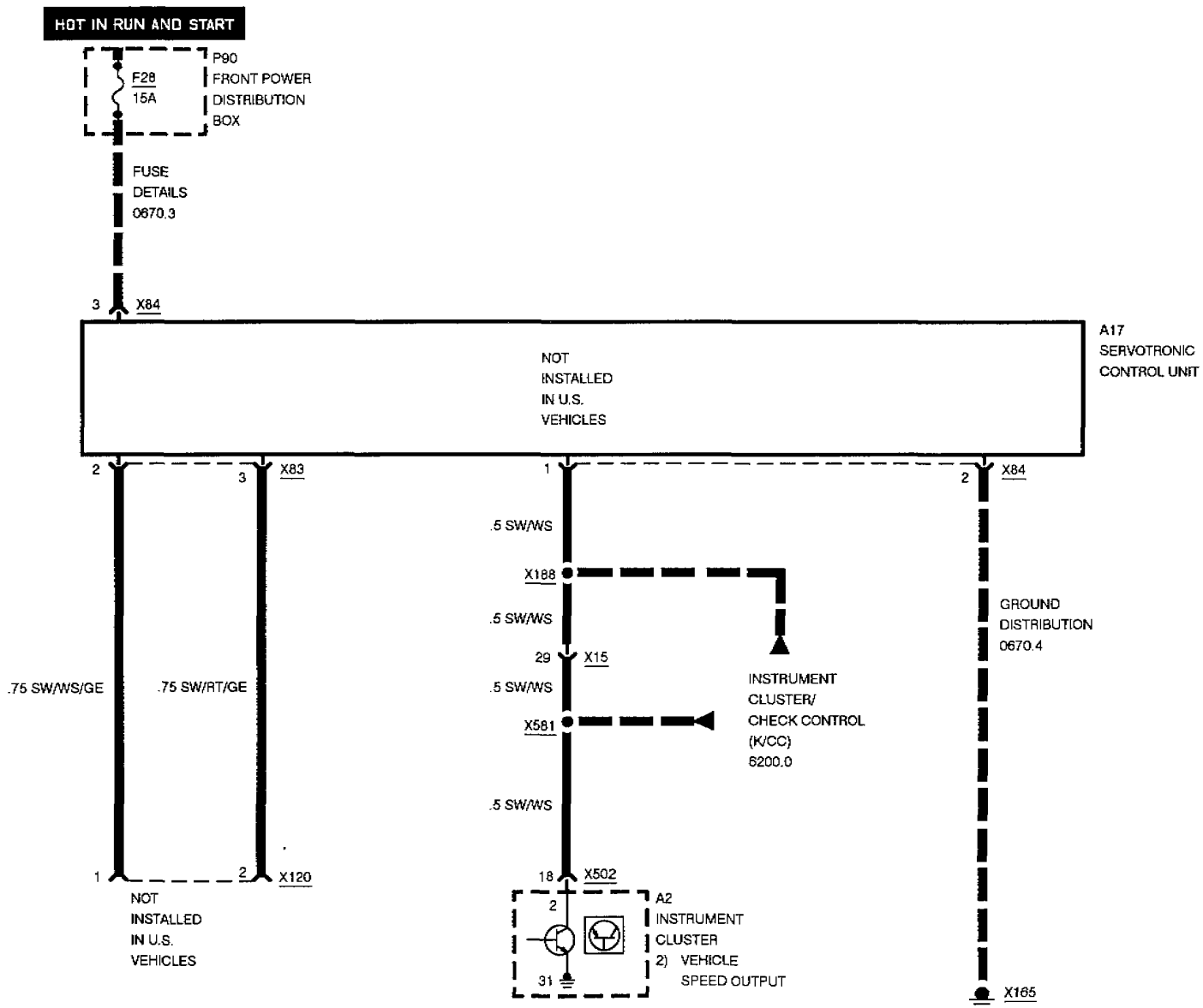
★ THE DRIVER'S AIR BAG GENERATOR CONNECTOR IS FITTED WITH SHORTING BRIDGES

THE BRIDGES SHORT THE GENERATOR LEADS TOGETHER TO PREVENT UNINTENTIONAL TRIGGERING OF THE IGNITER WHEN WORKING ON THE AIR BAG SYSTEM.

ONLY SPECIAL TOOLS 62 1260 AND 62 1280 (TEST LEADS) MAY BE USED TO CHECK THE WIRE LOOP AND IGNITER RESISTANCE.

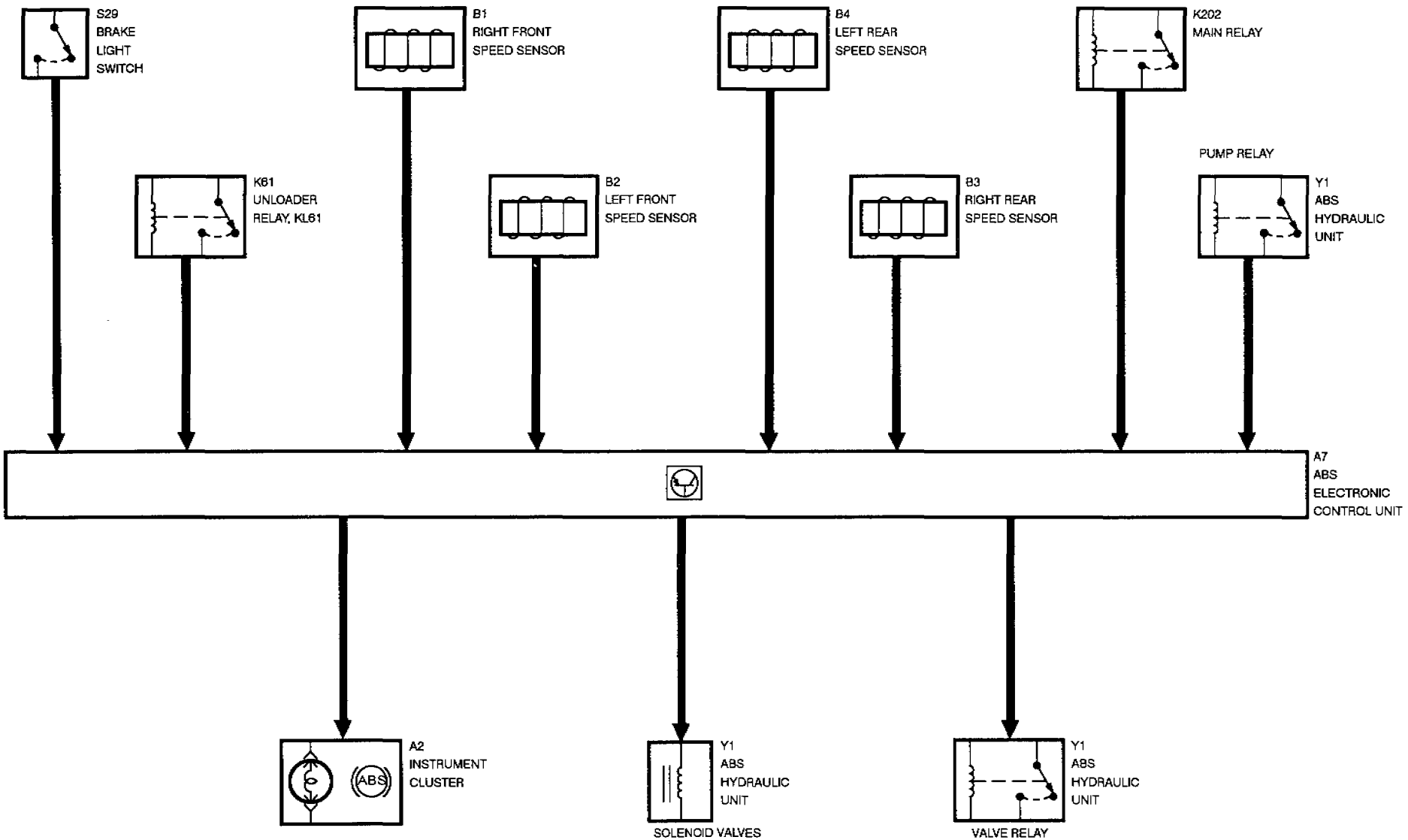
cardiagn.com

POWER ASSIST STEERING (SERVOTRONIC)



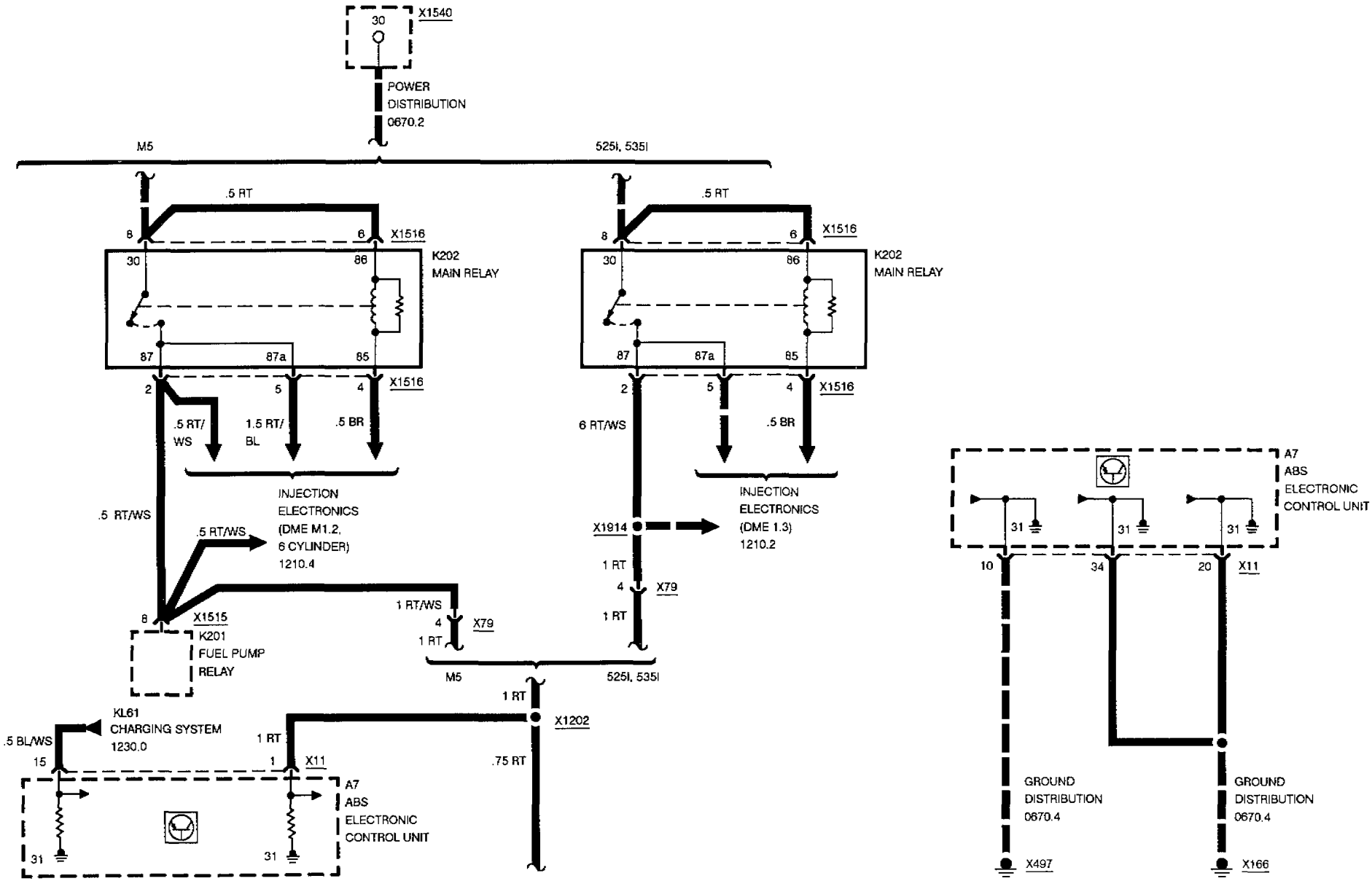
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ANTILOCK BRAKE SYSTEM (ABS)

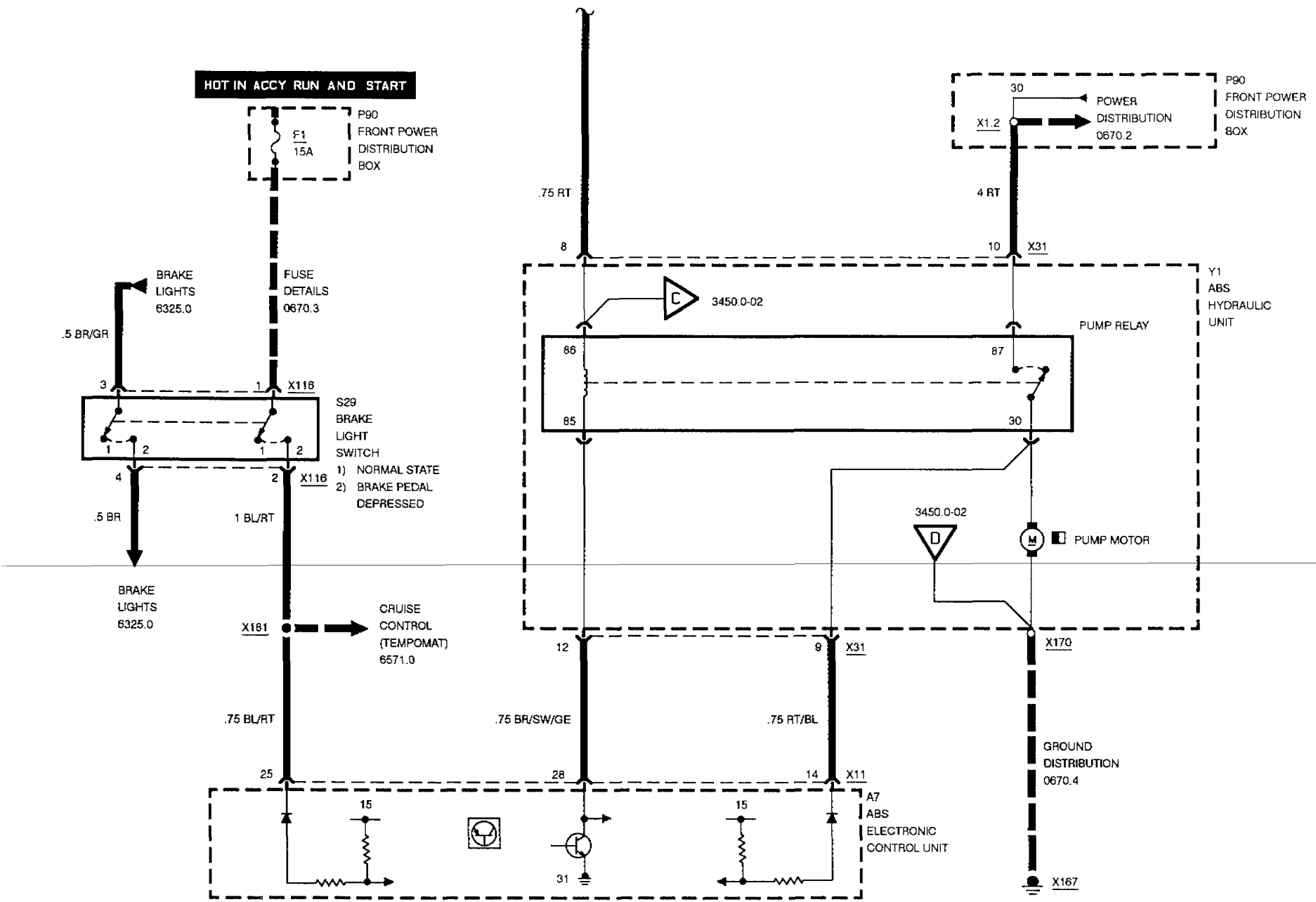


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ANTILOCK BRAKE SYSTEM (ABS)

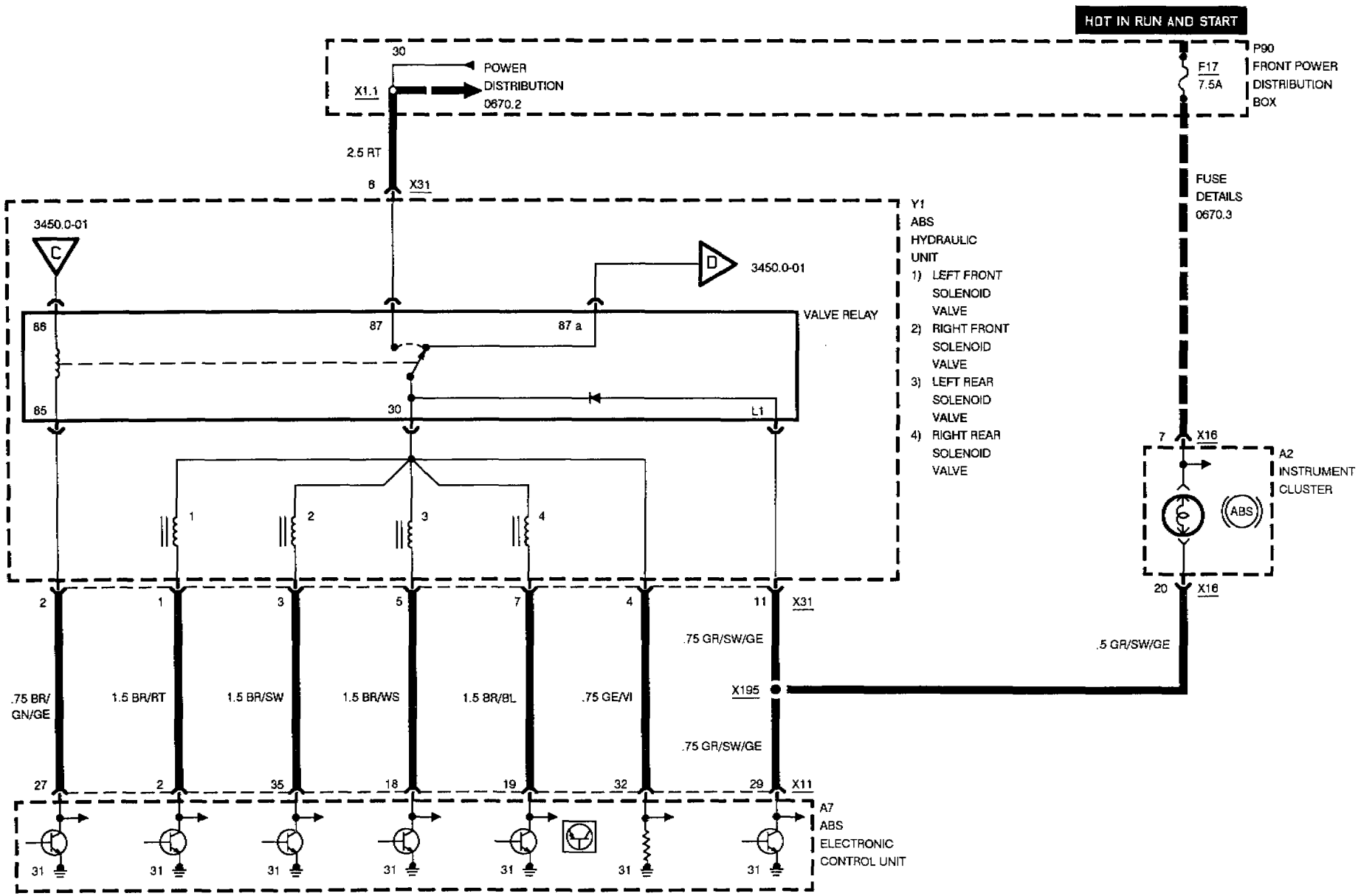


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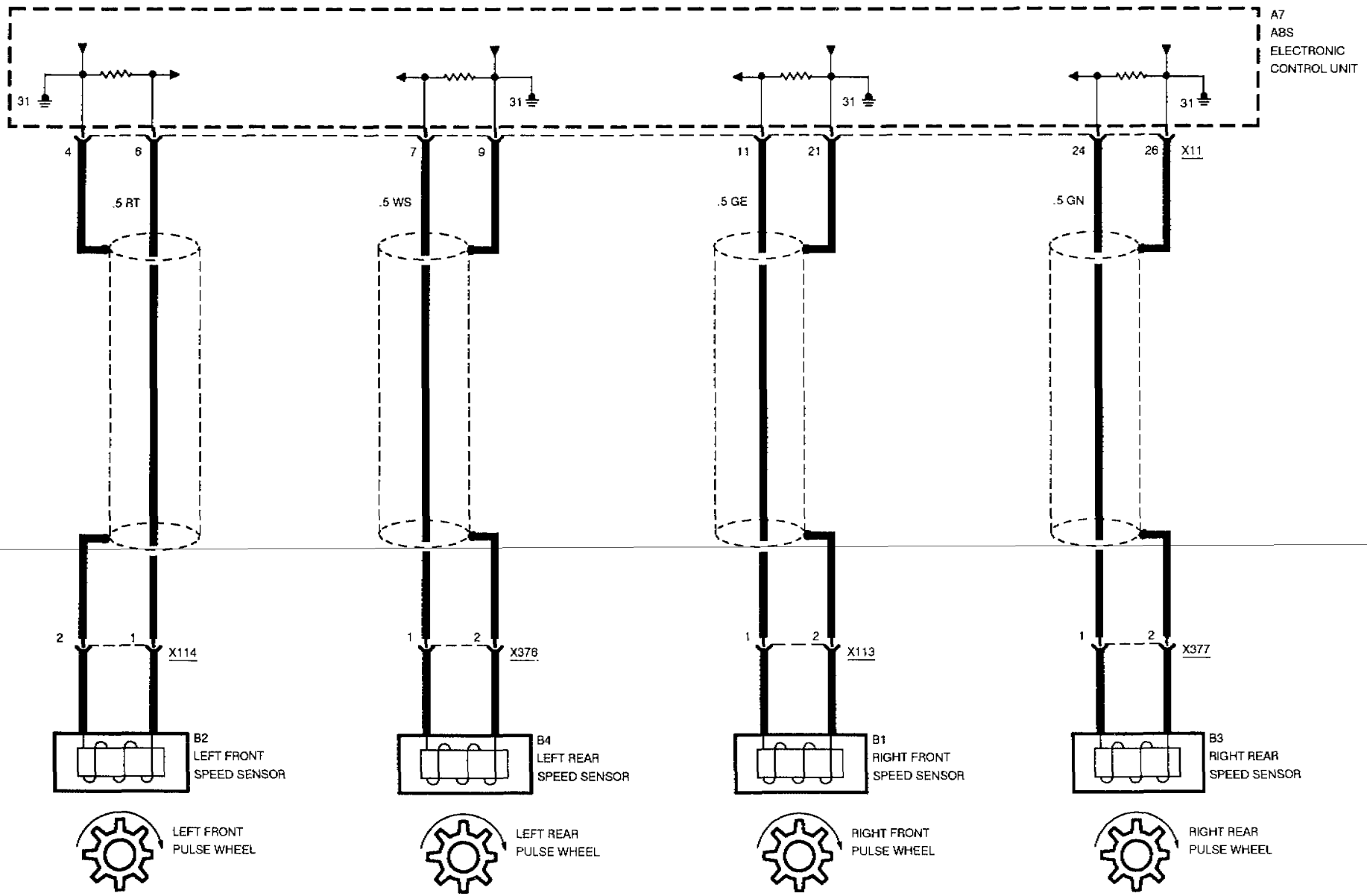
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ANTILOCK BRAKE SYSTEM (ABS)



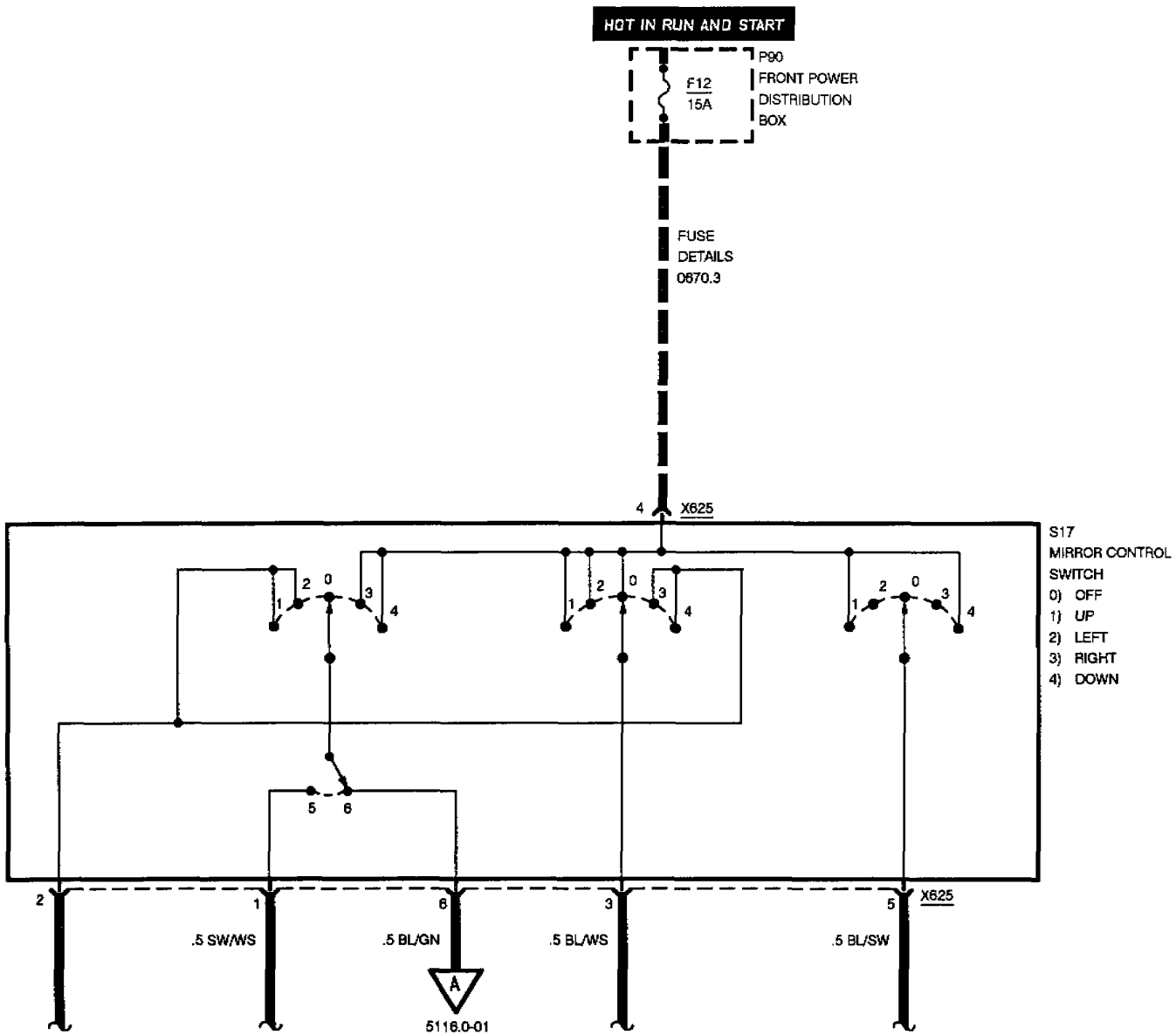
cardiagn.com

ANTILOCK BRAKE SYSTEM (ABS)

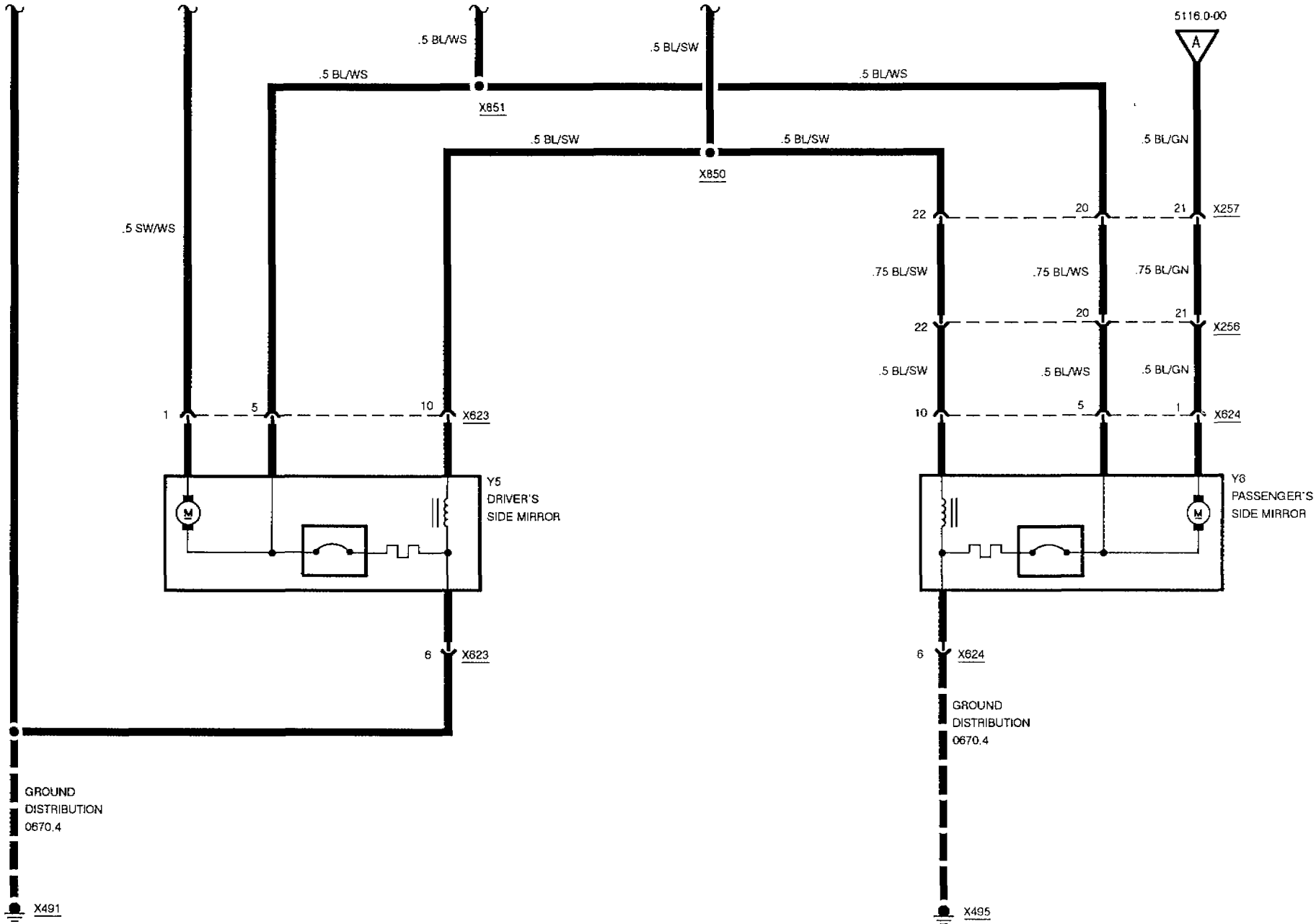


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POWER MIRRORS



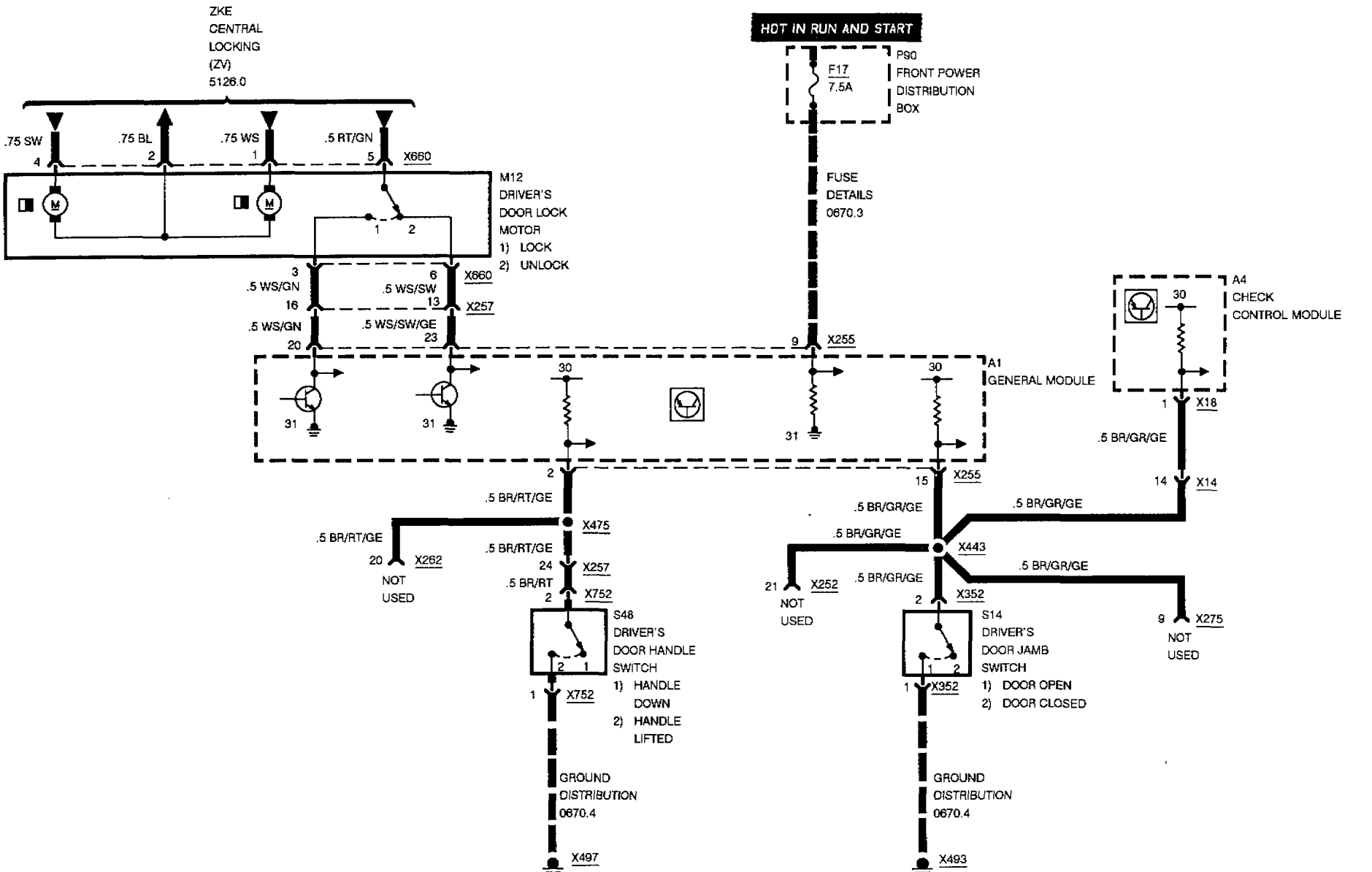
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ZKE DOOR LOCK HEATING (TSH)

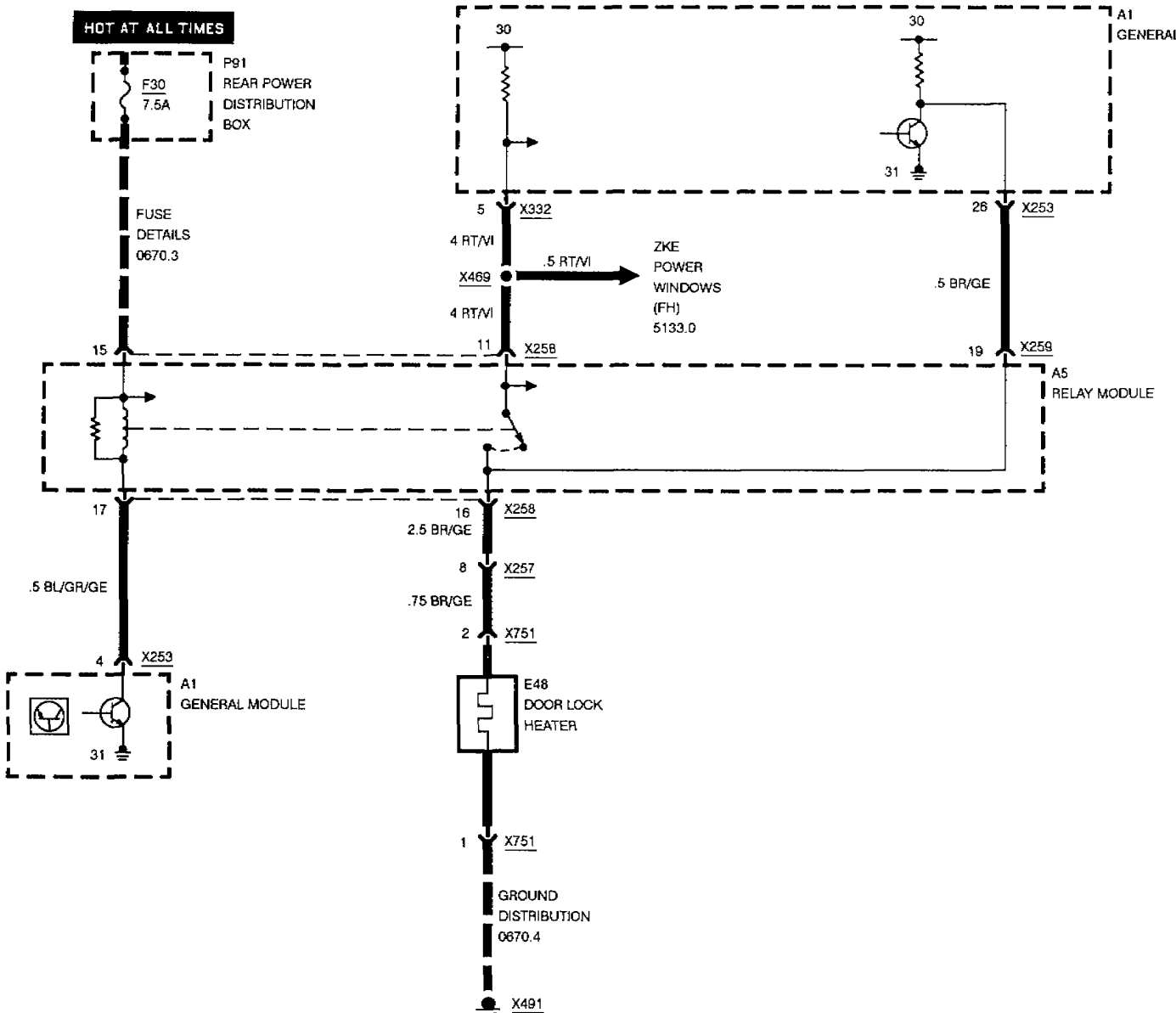
INPUT DETAILS



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ZKE DOOR LOCK HEATING (TSH)

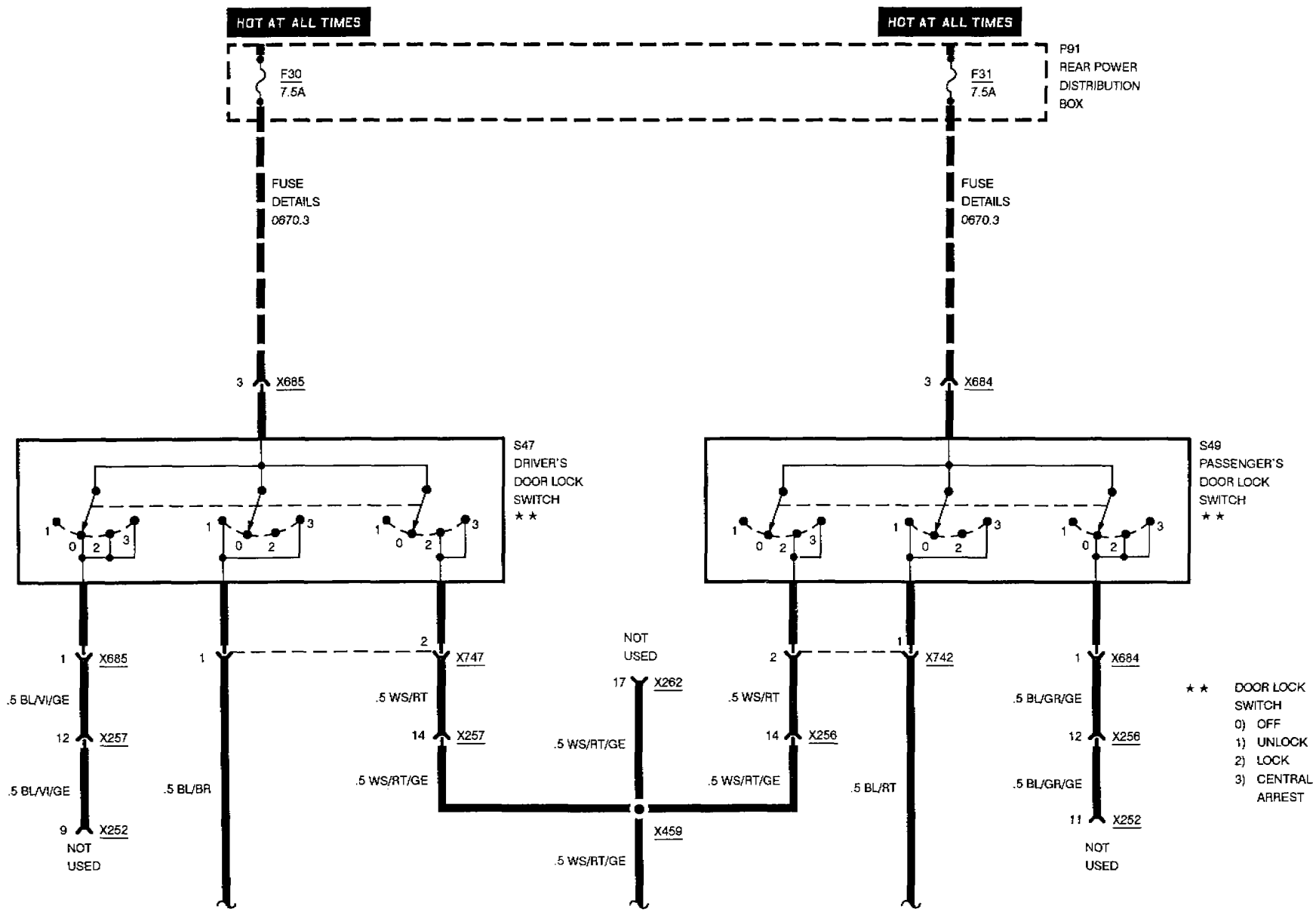
OUTPUT DETAILS



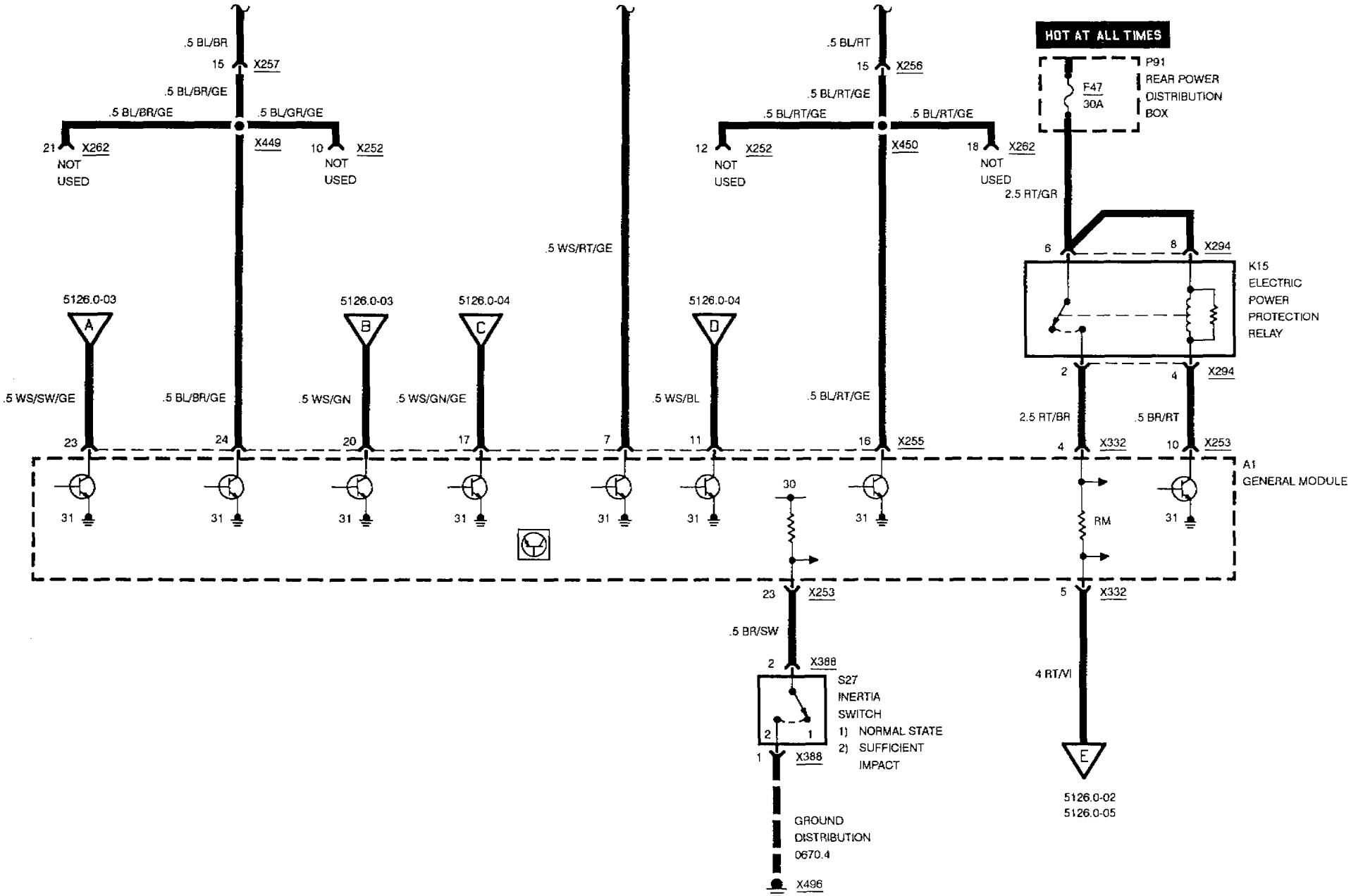
carplan.com

ZKE CENTRAL LOCKING (ZV)

INPUT DETAILS



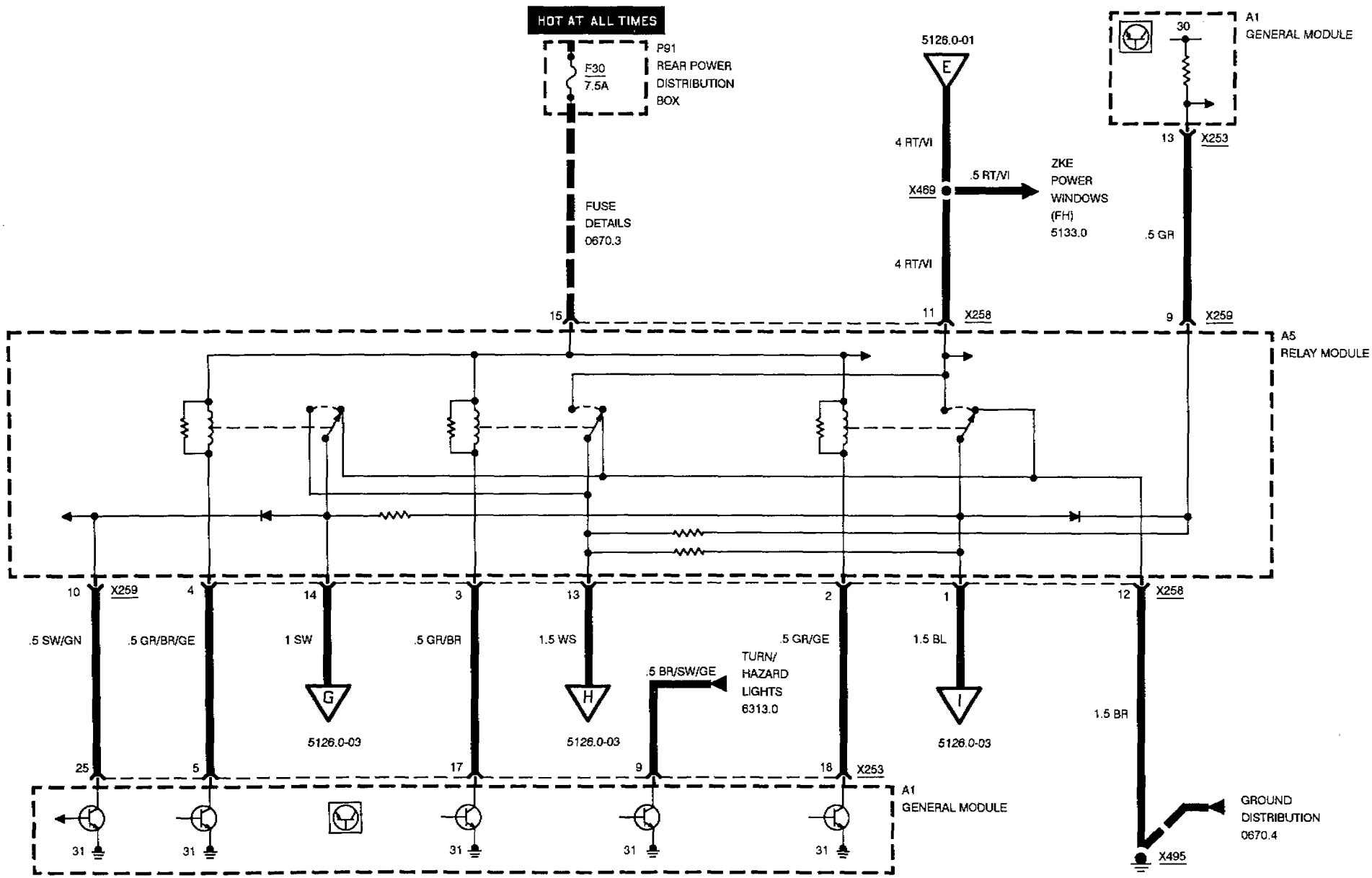
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ZKE CENTRAL LOCKING (ZV)

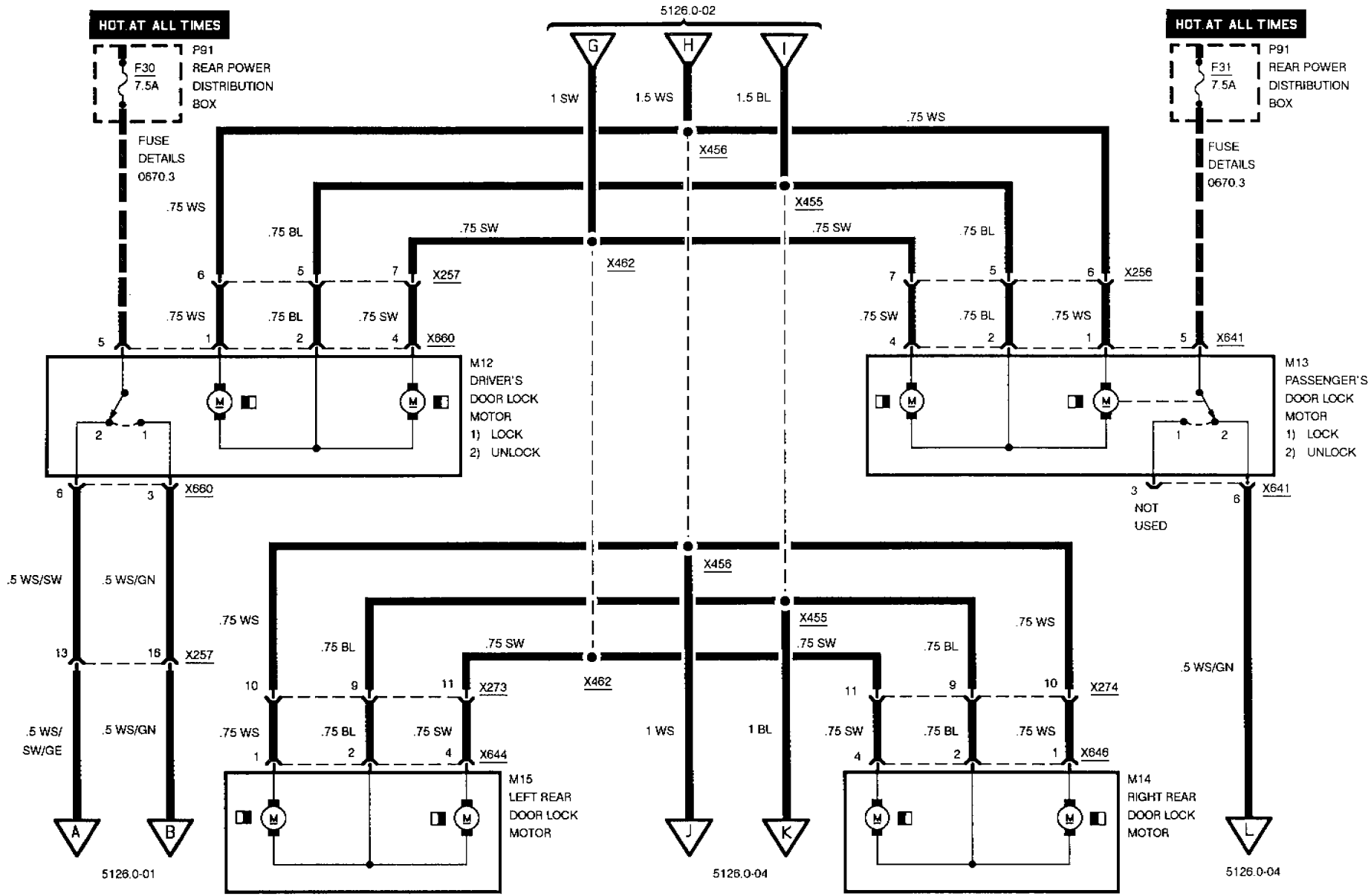
OUTPUT DETAILS



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ZKE CENTRAL LOCKING (ZV)

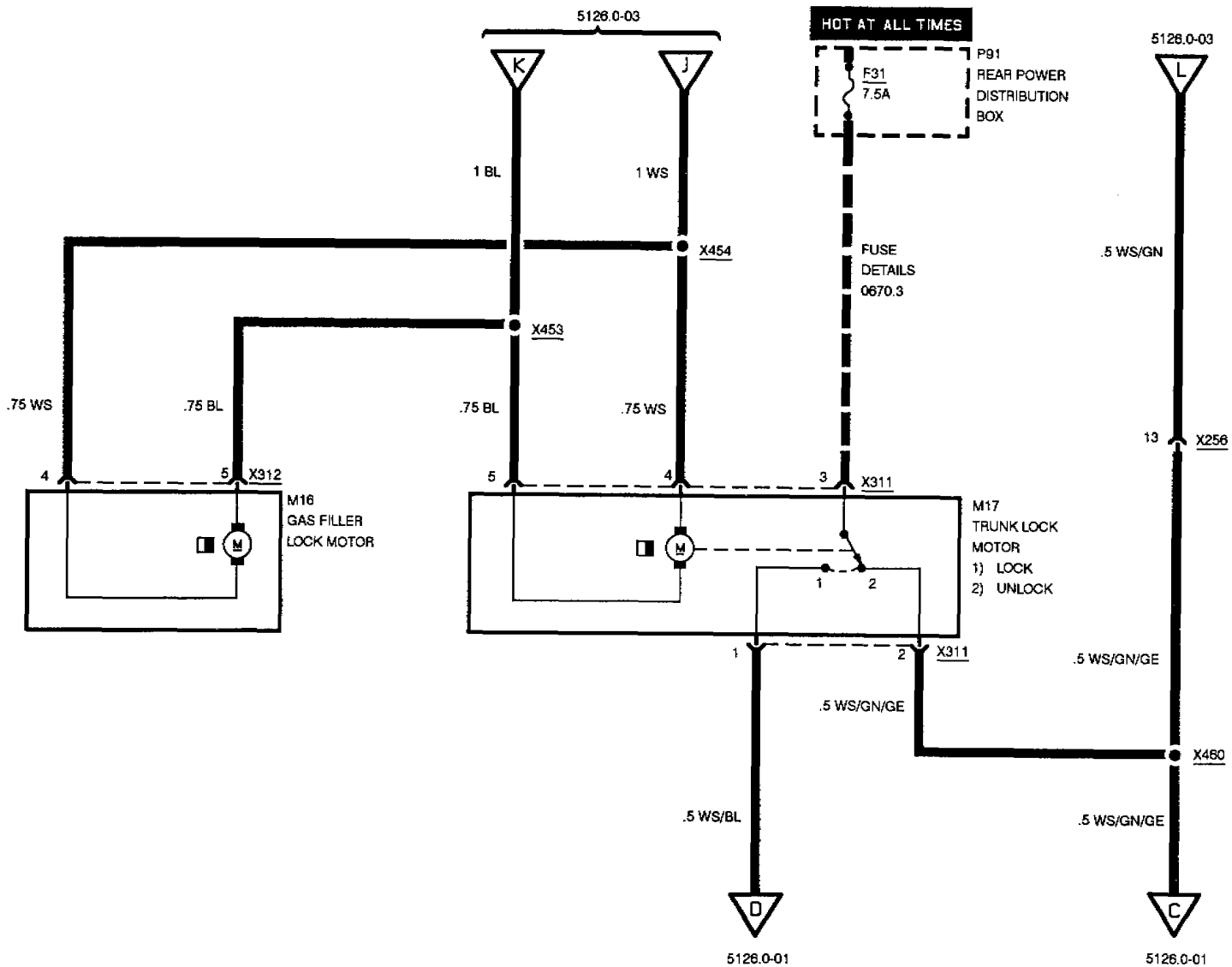
OUTPUT DETAILS



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ZKE CENTRAL LOCKING (ZV)

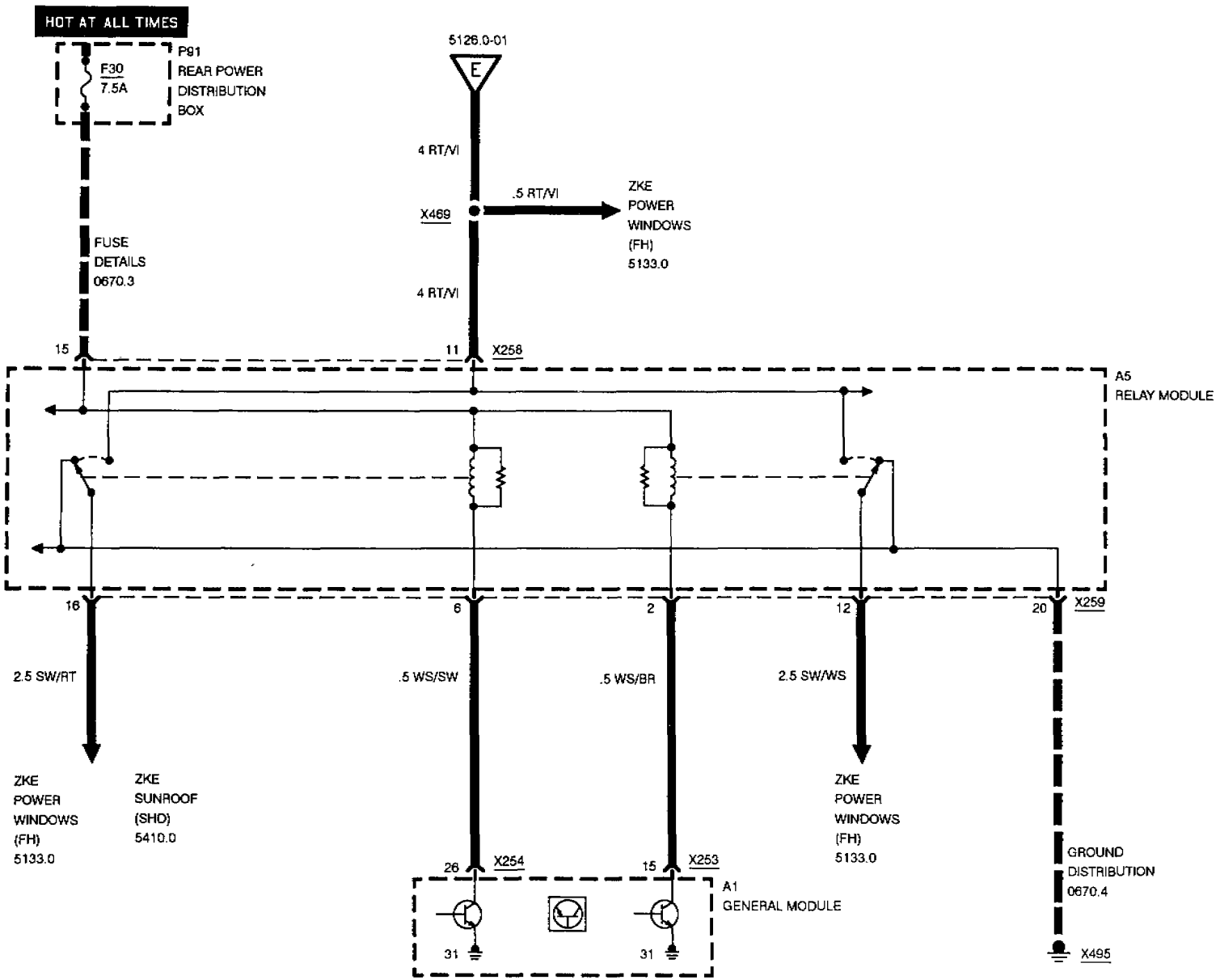
OUTPUT DETAILS



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ZKE CENTRAL LOCKING (ZV)

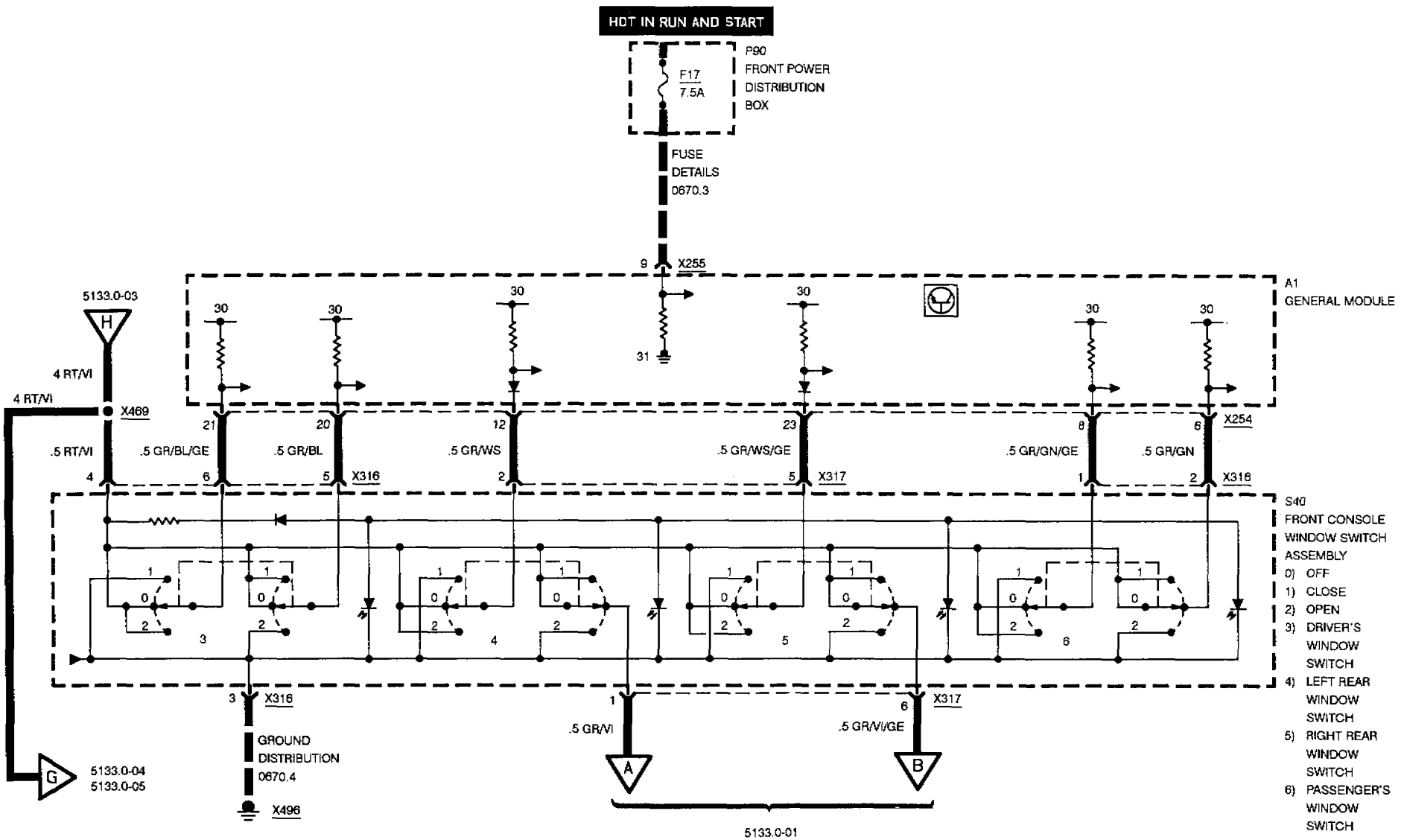
OUTPUT DETAILS



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ZKE POWER WINDOWS (FH)

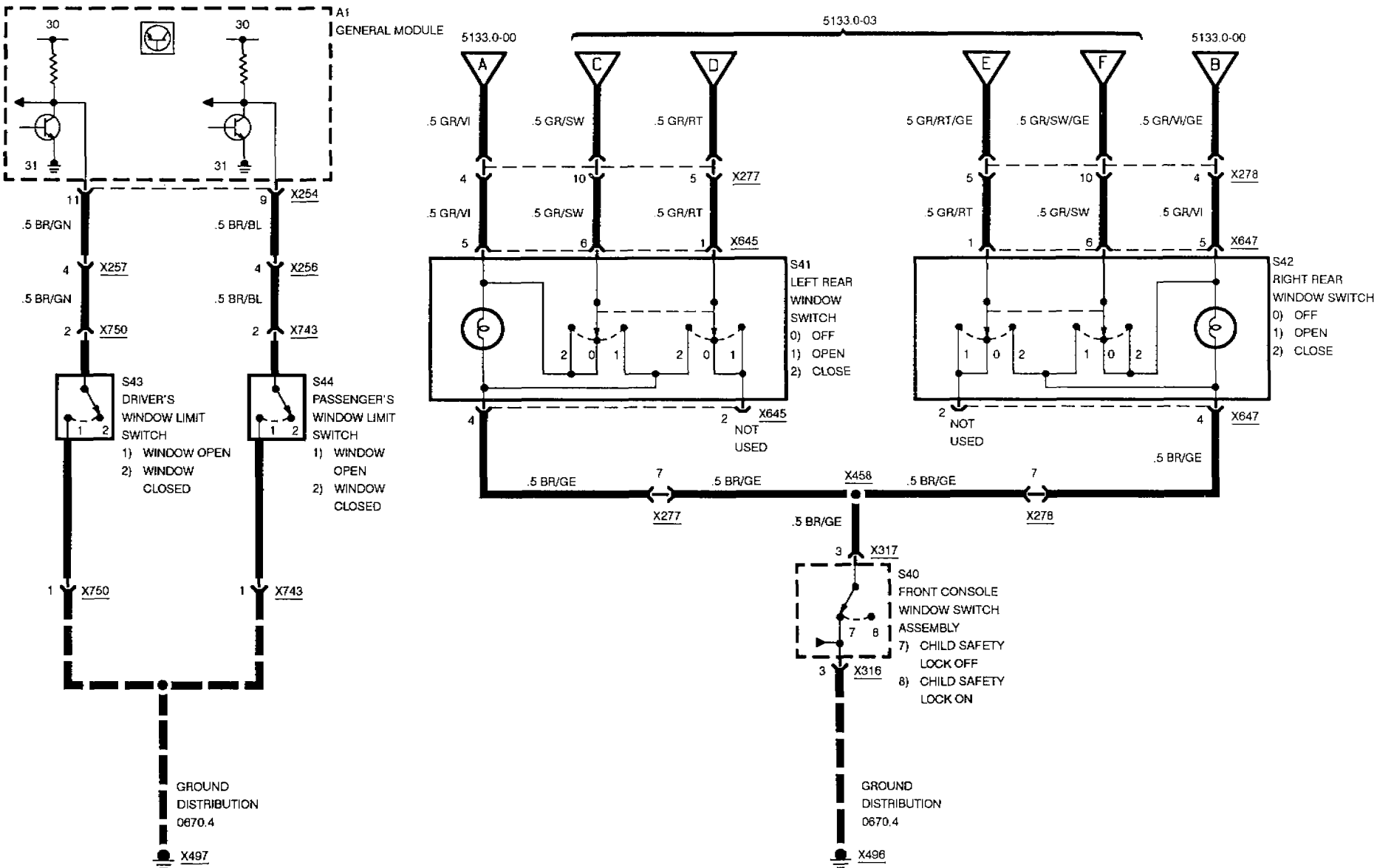
INPUT DETAILS



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ZKE POWER WINDOWS (FH)

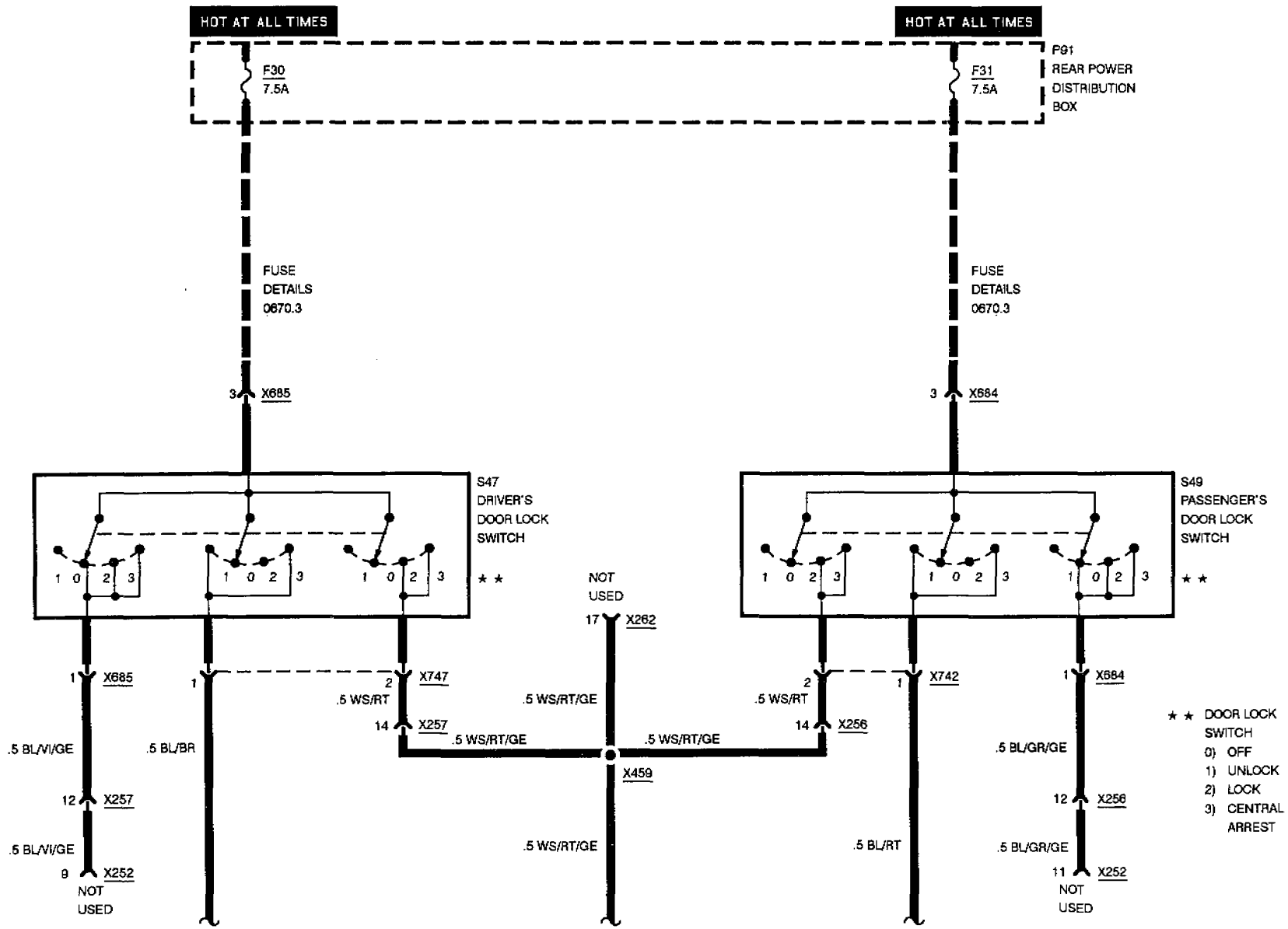
INPUT DETAILS



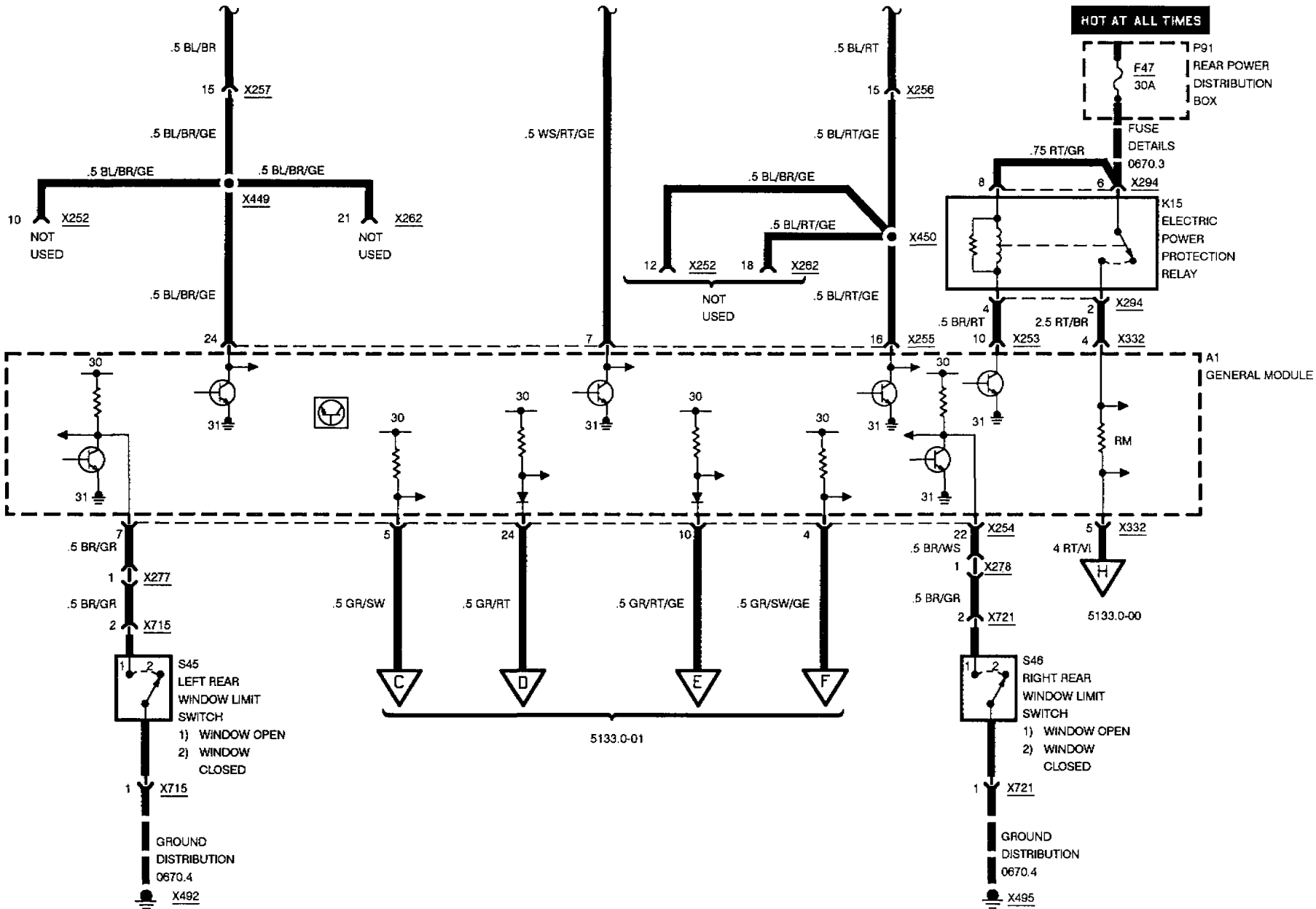
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ZKE POWER WINDOWS (FH)

INPUT DETAILS



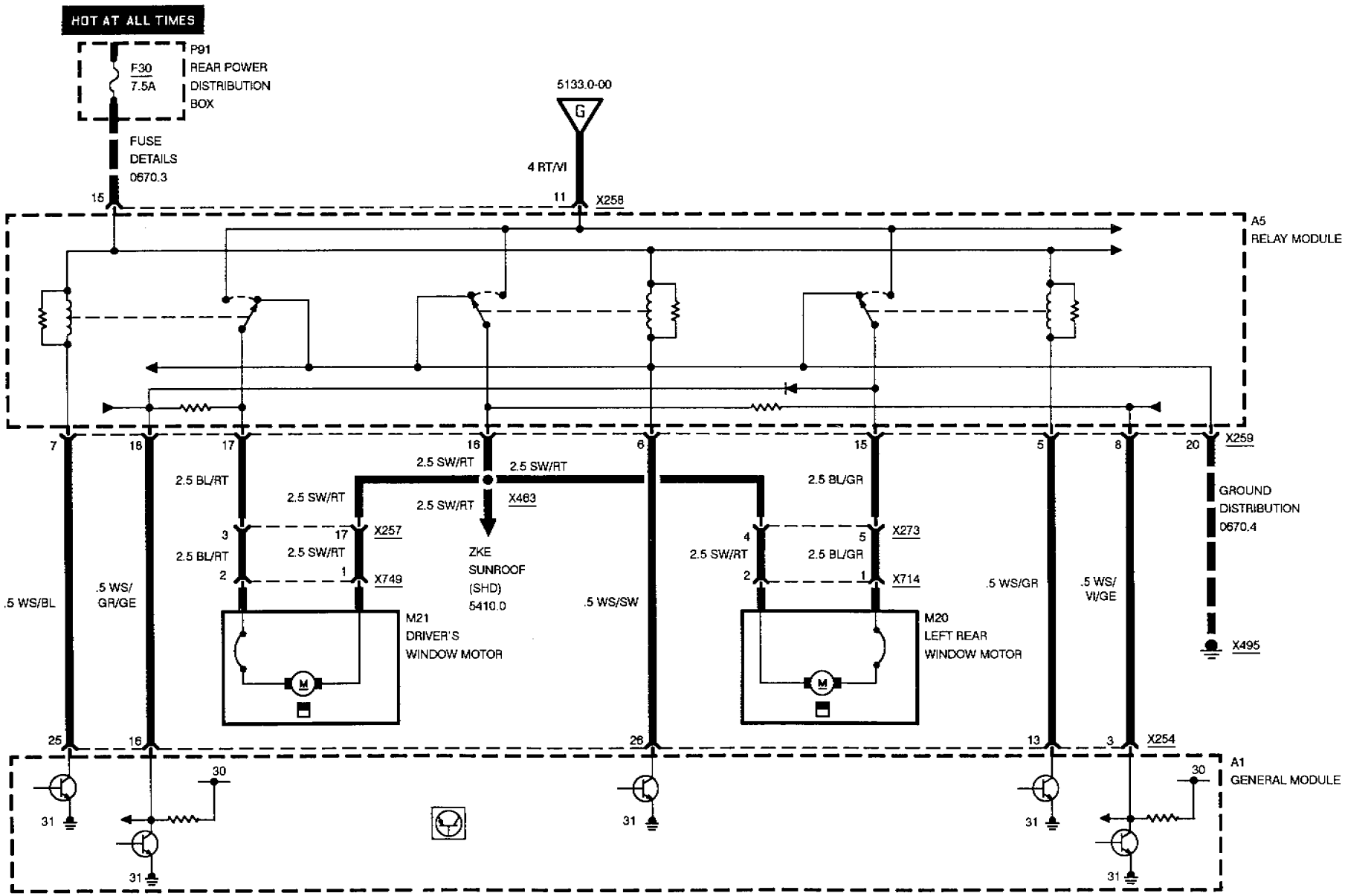
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ZKE POWER WINDOWS (FH)

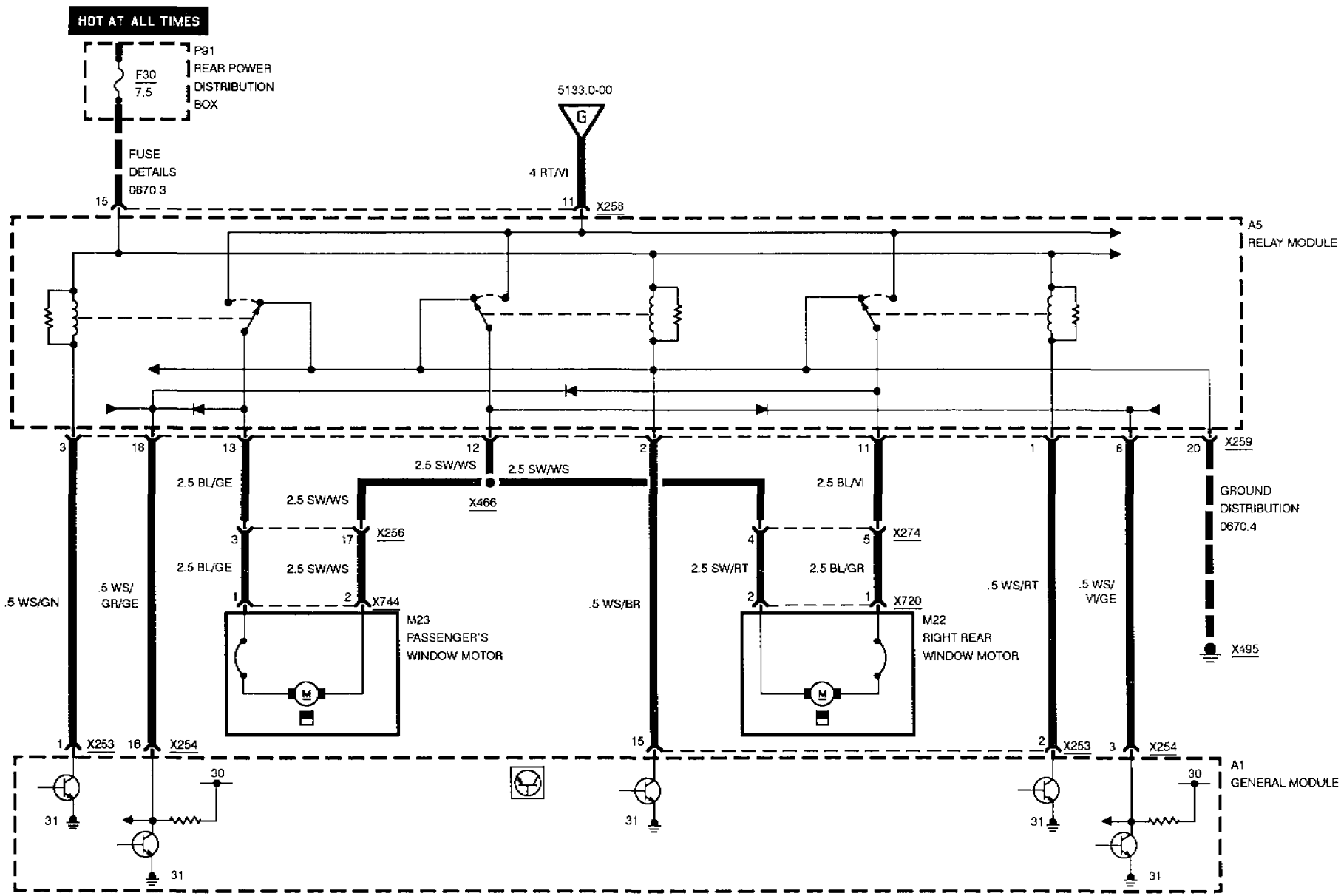
LEFT SIDE OUTPUT DETAILS



cardiagn.com

ZKE POWER WINDOWS (FH)

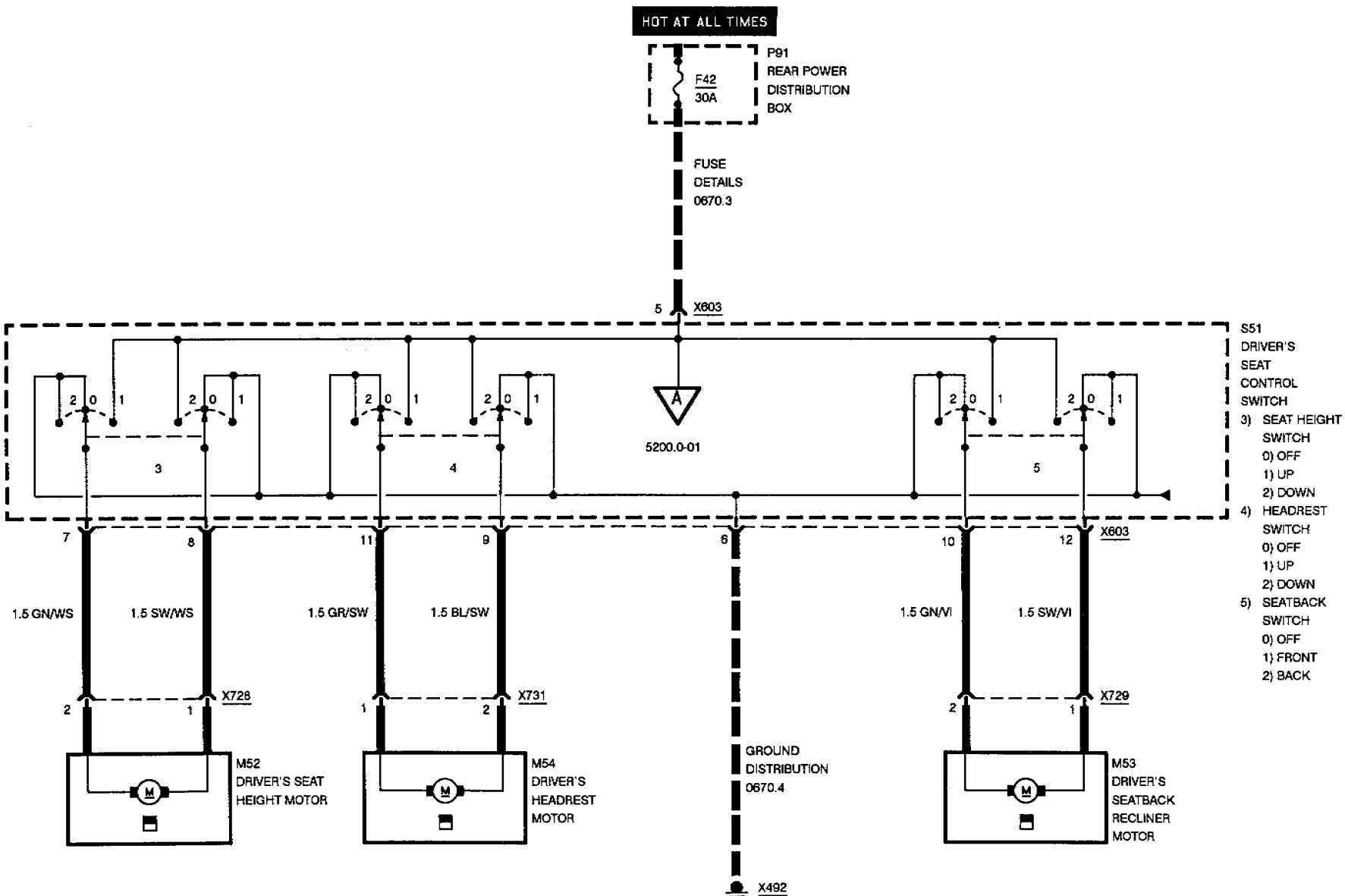
RIGHT SIDE OUTPUT DETAILS



carplan.com

POWER SEATS

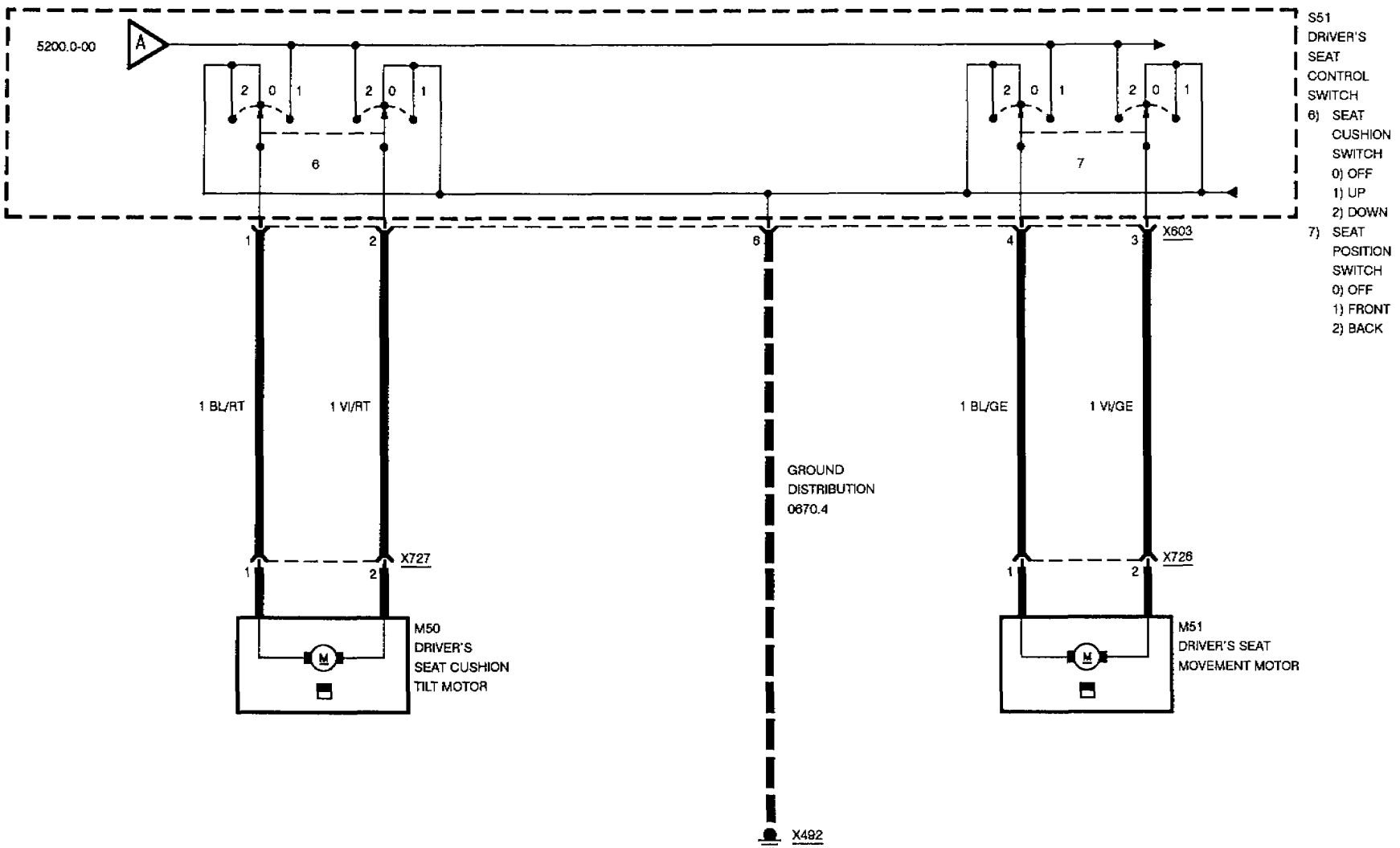
DRIVER'S SEAT



cardiagn.com

POWER SEATS

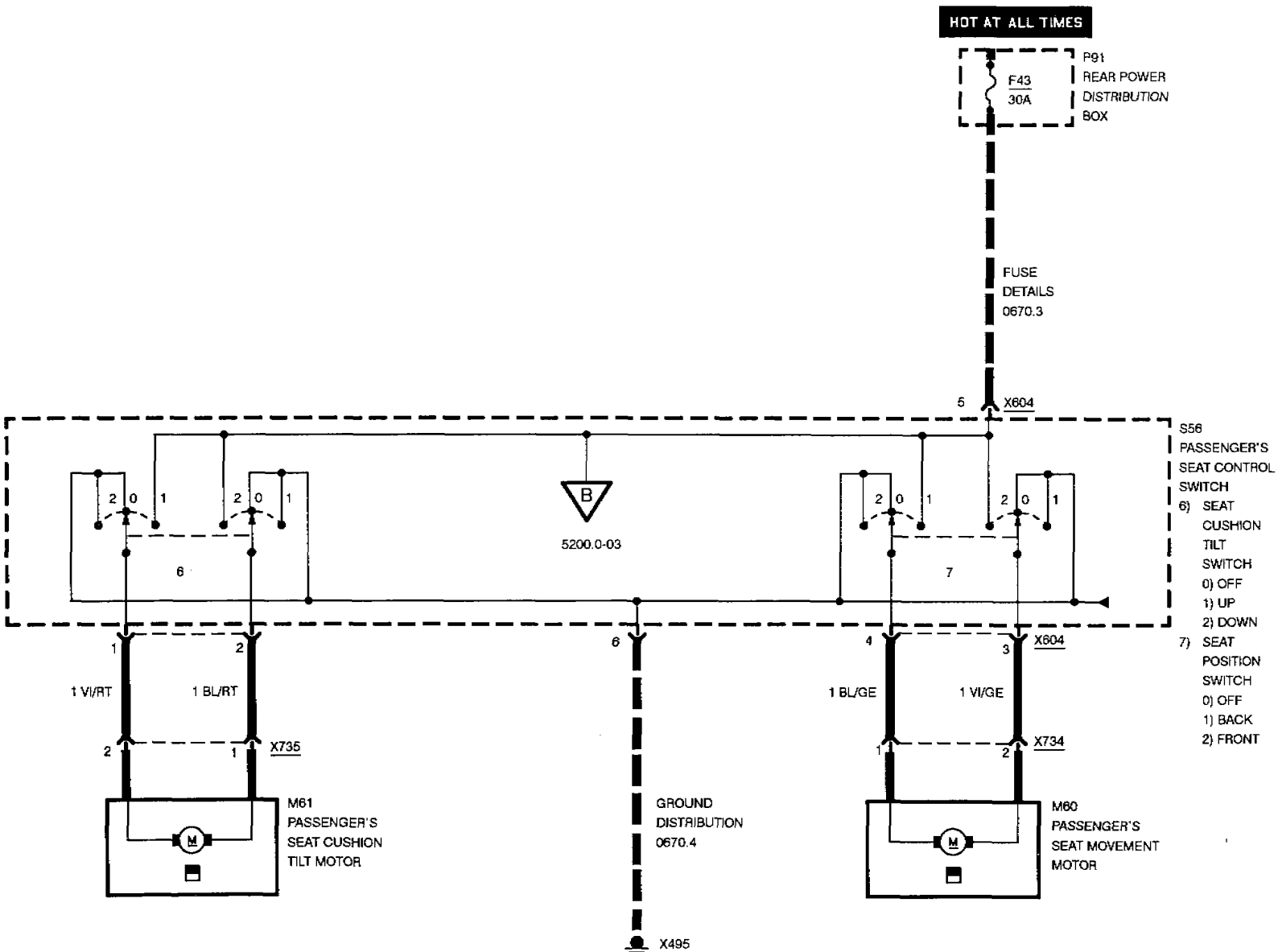
DRIVER'S SEAT



cardiagn.com

POWER SEATS

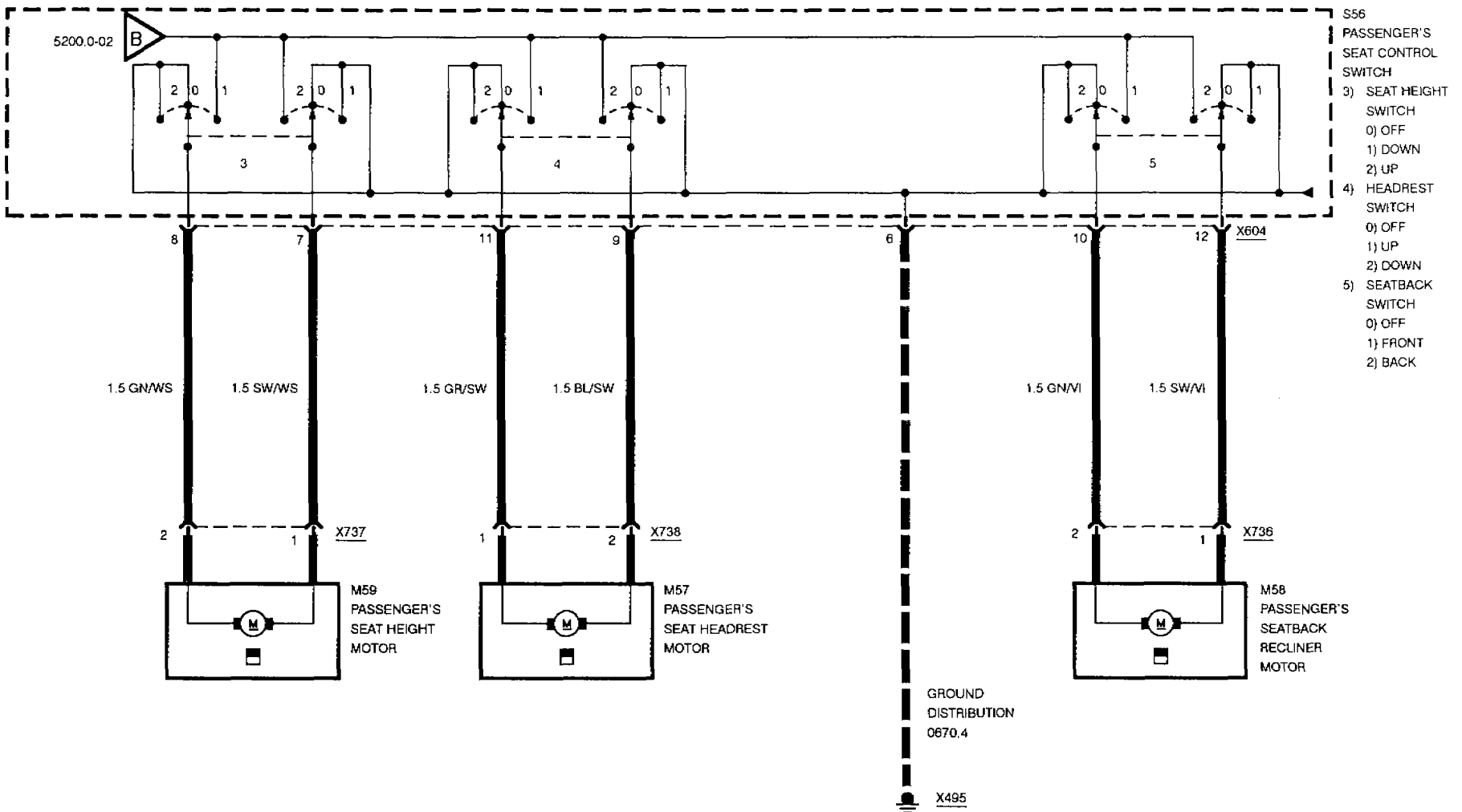
PASSENGER'S SEAT



cardiagn.com

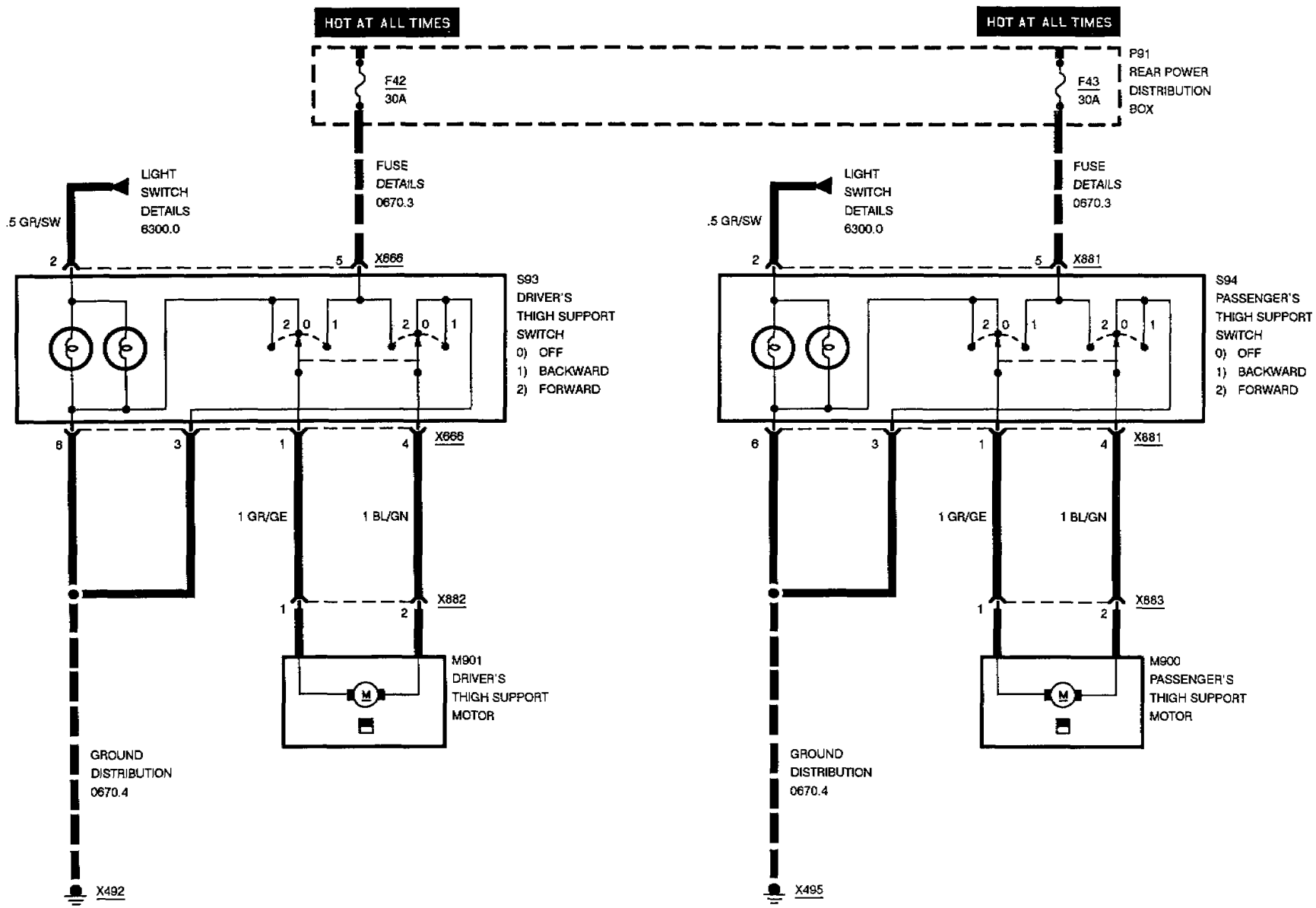
POWER SEATS

PASSENGER'S SEAT



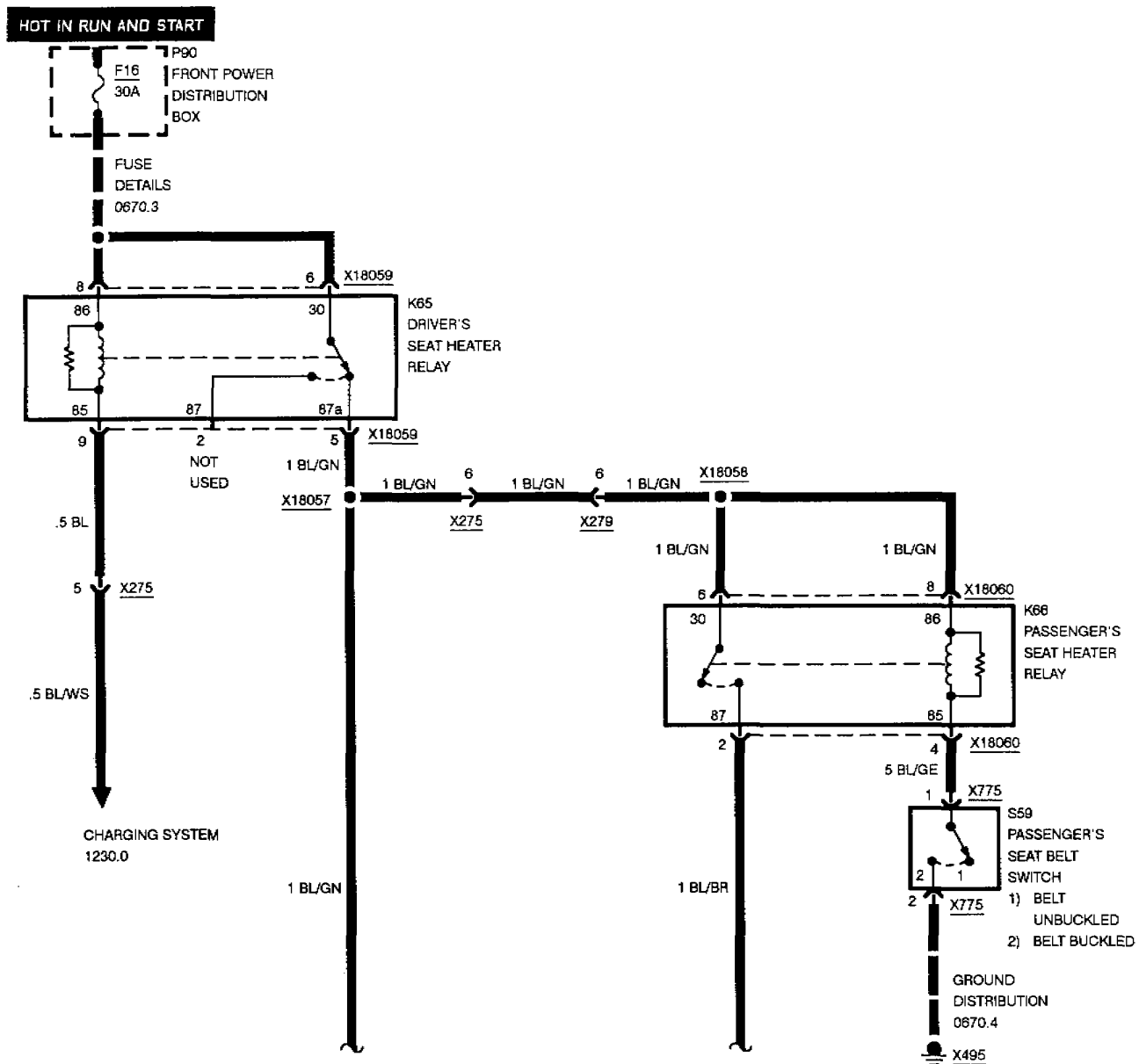
carmanuals.com

THIGH SUPPORT, WITH SPORT SEATS ONLY

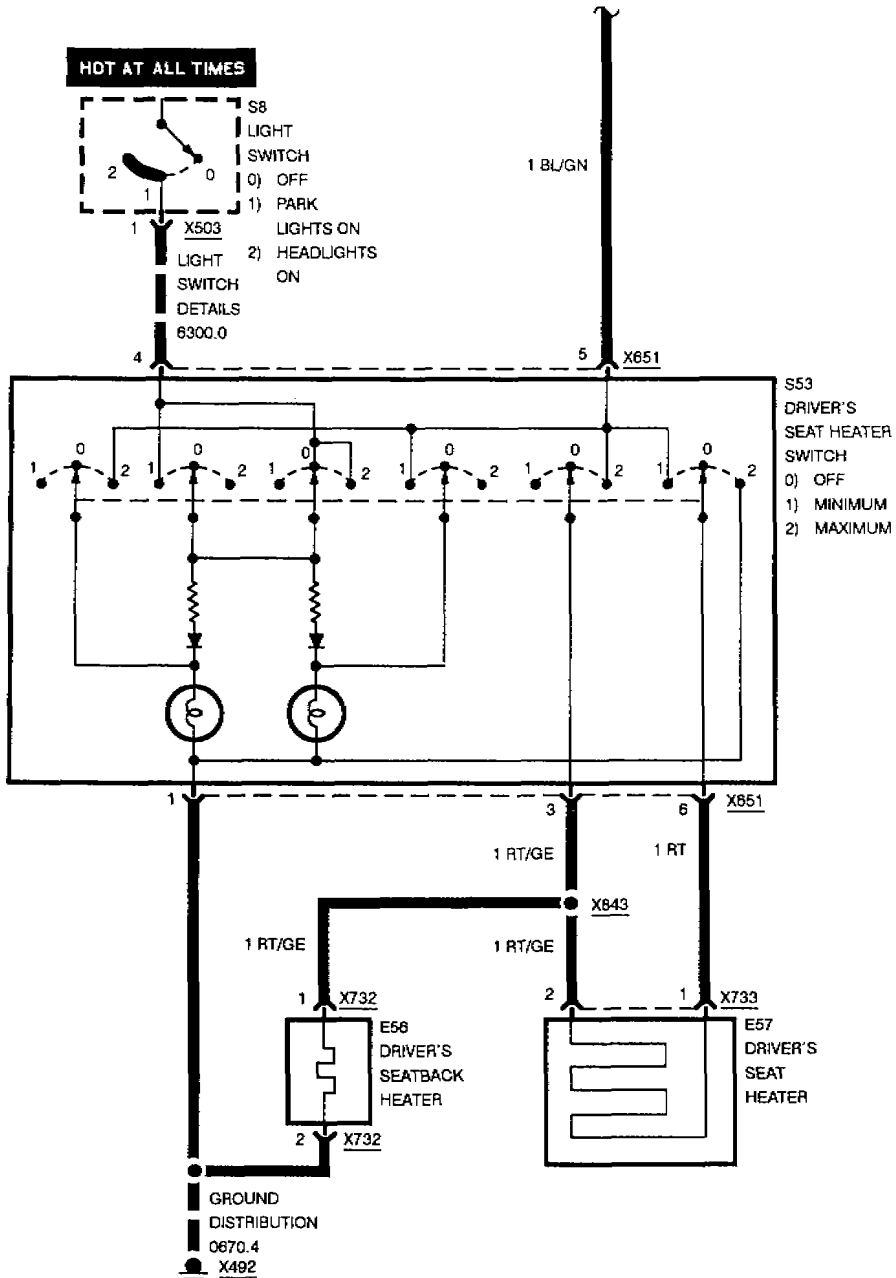


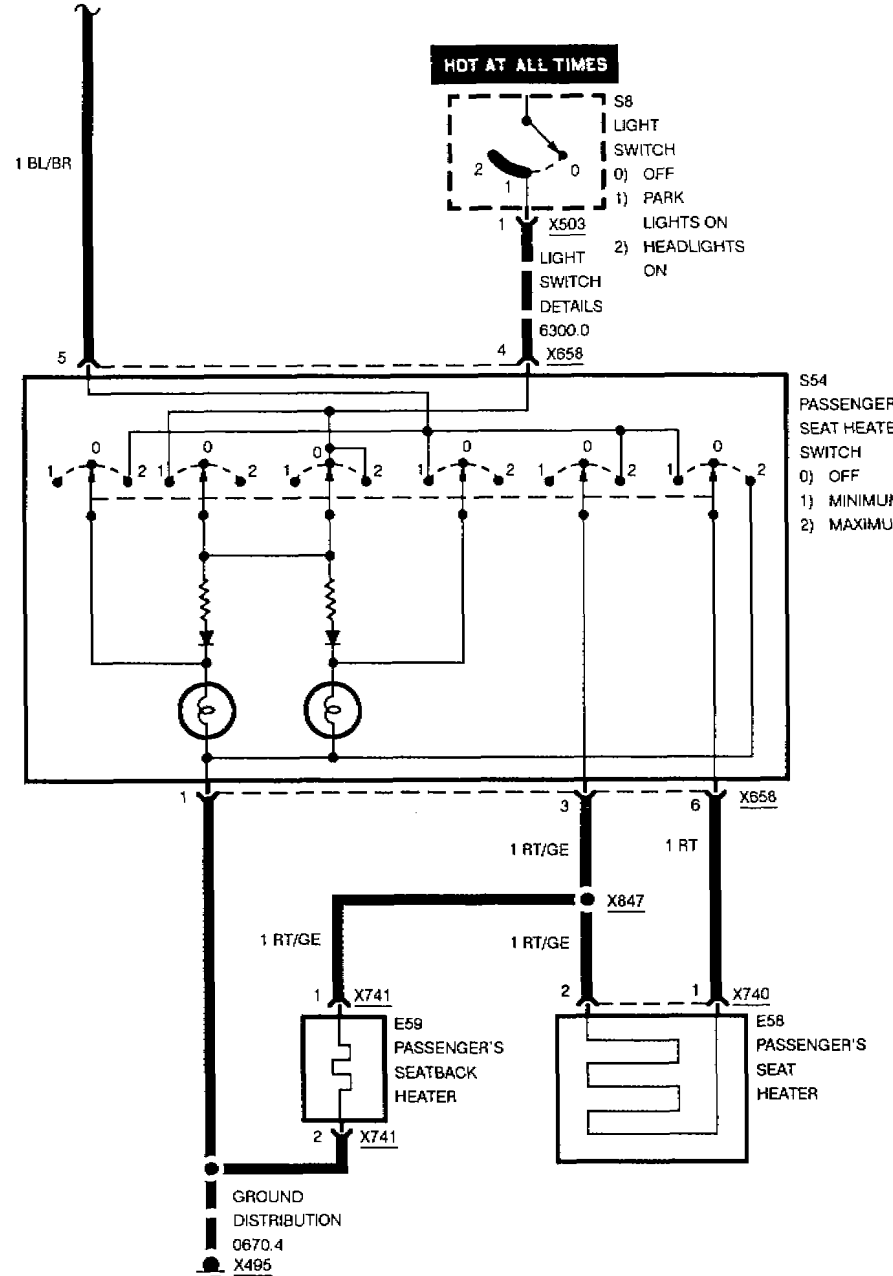
carlagn.com

HEATED SEATS



cardiagn.com

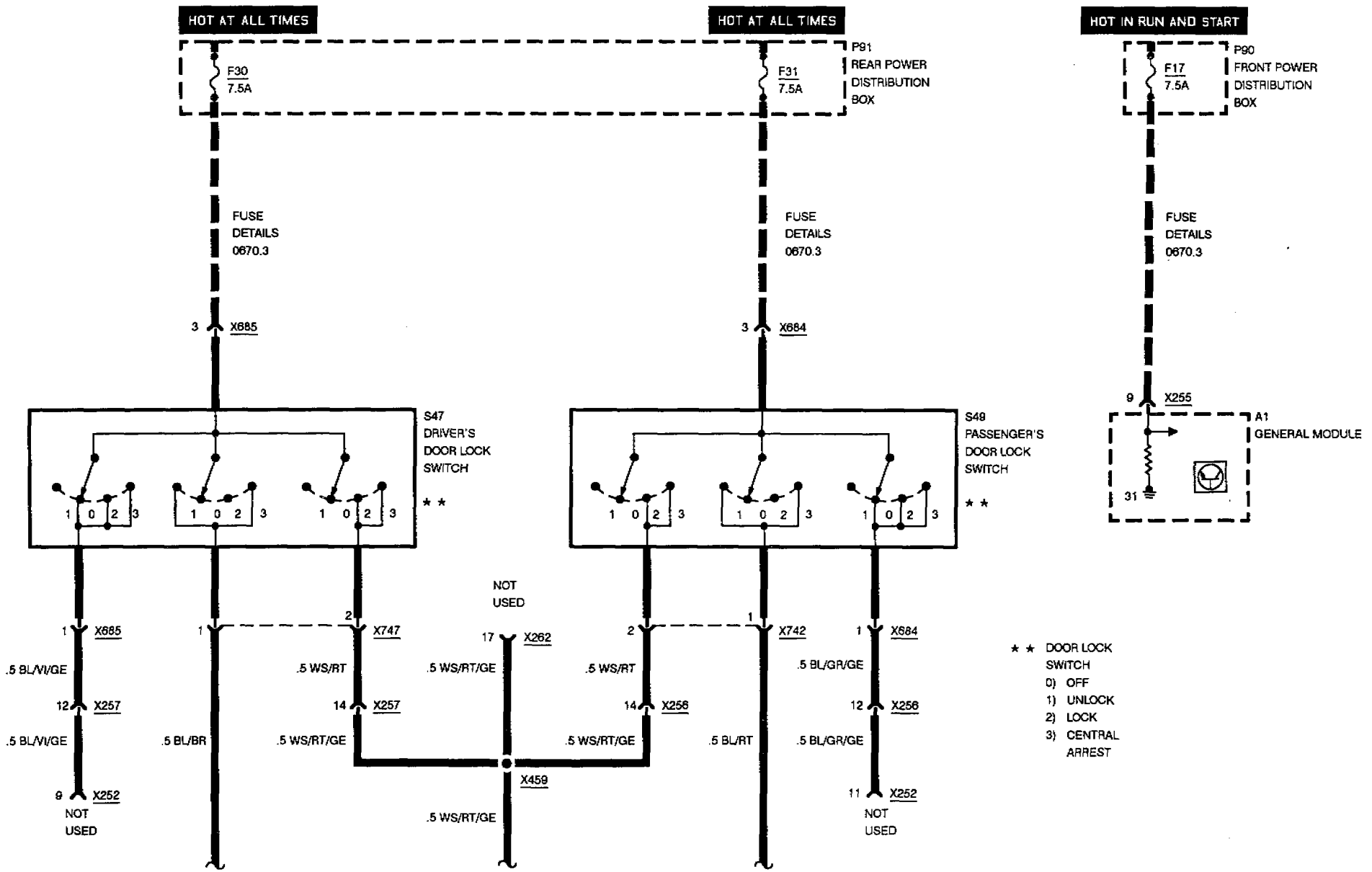

HOT AT ALL TIMES
S8
LIGHT
SWITCH
0) OFF
1) PARK
LIGHTS ON
2) HEADLIGHTS
ON
1 BL/GN
X503
LIGHT
SWITCH
DETAILS
6300.0
X651
S53
DRIVER'S
SEAT HEATER
SWITCH
0) OFF
1) MINIMUM
2) MAXIMUM
1 RT/GE
1 RT
X843
X732
E56
DRIVER'S
SEATBACK
HEATER
X733
E57
DRIVER'S
SEAT
HEATER
GROUND
DISTRIBUTION
0670.4
X492


HOT AT ALL TIMES
S8
LIGHT
SWITCH
0) OFF
1) PARK
LIGHTS ON
2) HEADLIGHTS
ON
1 BL/BR
X503
LIGHT
SWITCH
DETAILS
6300.0
X658
S54
PASSENGER'S
SEAT HEATER
SWITCH
0) OFF
1) MINIMUM
2) MAXIMUM
1 RT/GE
1 RT
X847
X741
E59
PASSENGER'S
SEATBACK
HEATER
X740
E58
PASSENGER'S
SEAT
HEATER
GROUND
DISTRIBUTION
0670.4
X495

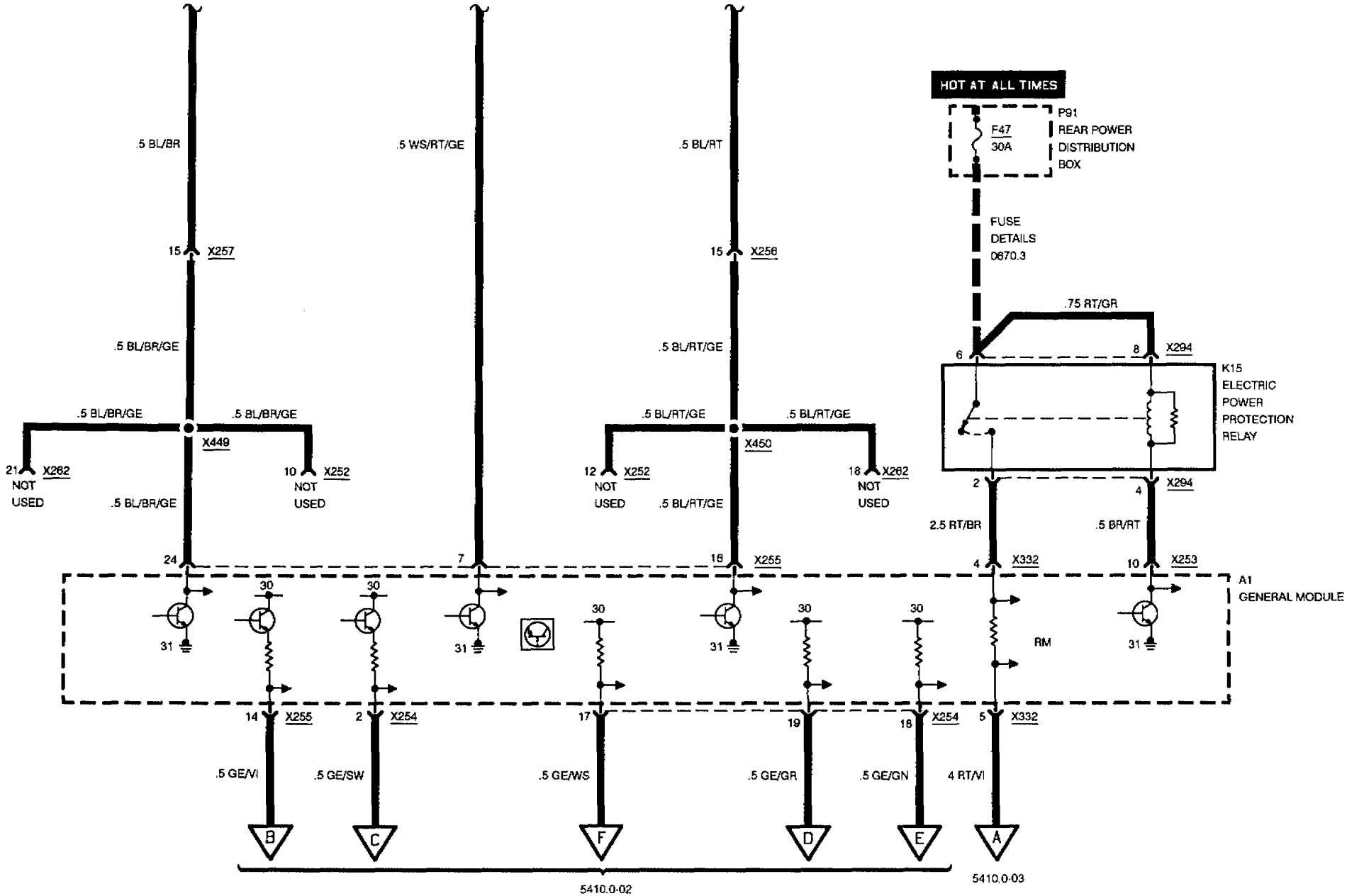
carlagh.com

ZKE SUNROOF (SHD)

INPUT DETAILS



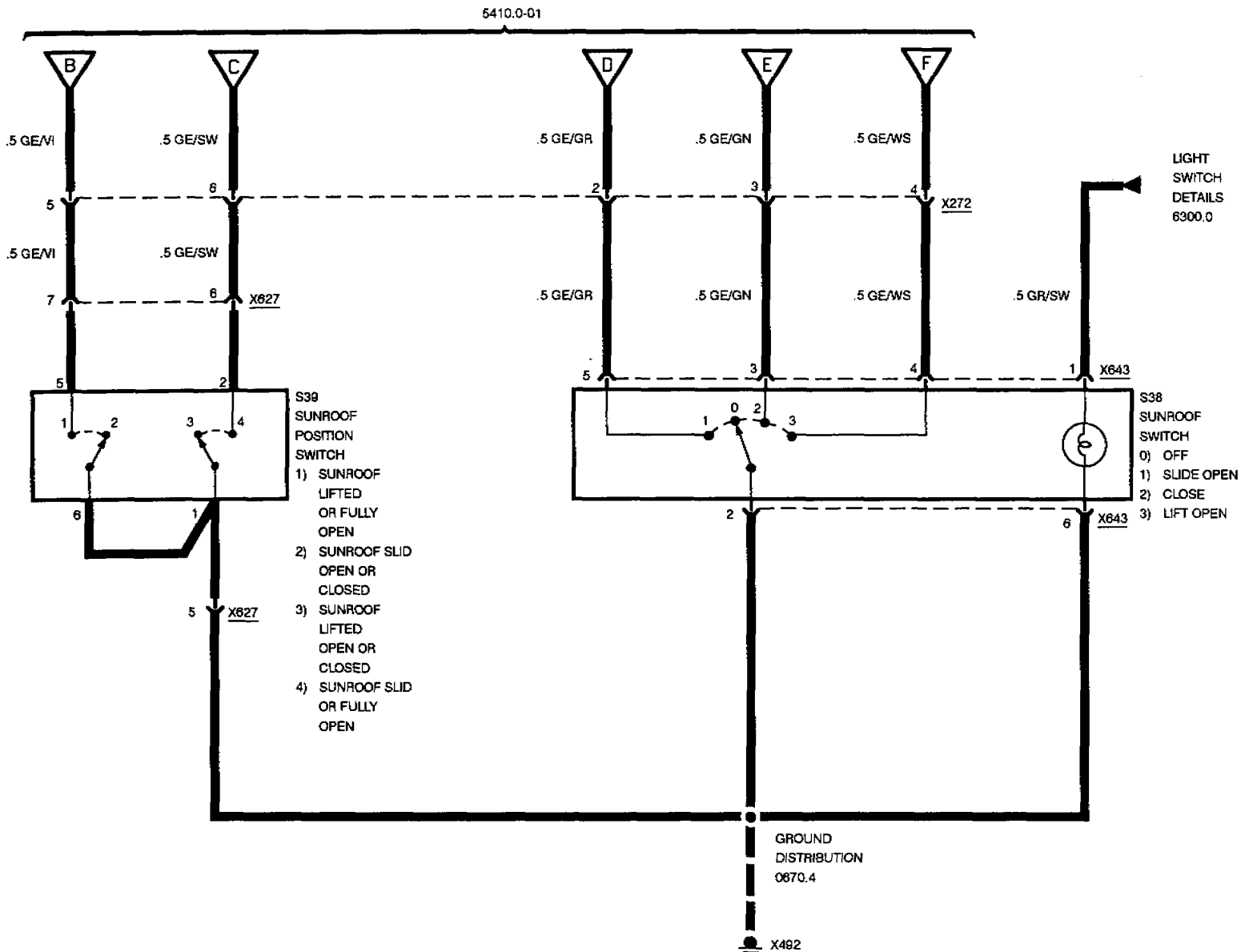
cardiagn.com


HOT AT ALL TIMES
P91
REAR POWER
DISTRIBUTION
BOX
F47
30A
FUSE
DETAILS
0670.3
.75 RT/GR
6
8
X294
K15
ELECTRIC
POWER
PROTECTION
RELAY
2
4
X294
2.5 RT/BR
.5 BR/RT
4
X332
10
X253
A1
GENERAL MODULE
RM
.5 BL/BR
15
X257
.5 BL/BR/GE
.5 BL/BR/GE
.5 BL/BR/GE
X449
21
X262
NOT
USED
.5 BL/BR/GE
10
X252
NOT
USED
24
.5 WS/RT/GE
7
.5 BL/RT
15
X256
.5 BL/RT/GE
.5 BL/RT/GE
.5 BL/RT/GE
X450
12
X252
NOT
USED
.5 BL/RT/GE
18
X262
NOT
USED
16
X255
30
31
14
X255
.5 GE/VI
2
X254
.5 GE/SW
17
.5 GE/WS
19
.5 GE/GR
18
X254
.5 GE/GN
5
X332
4 RT/VI
B
C
F
D
E
A
5410.0-02
5410.0-03

carmanuals

ZKE SUNROOF (SHD)

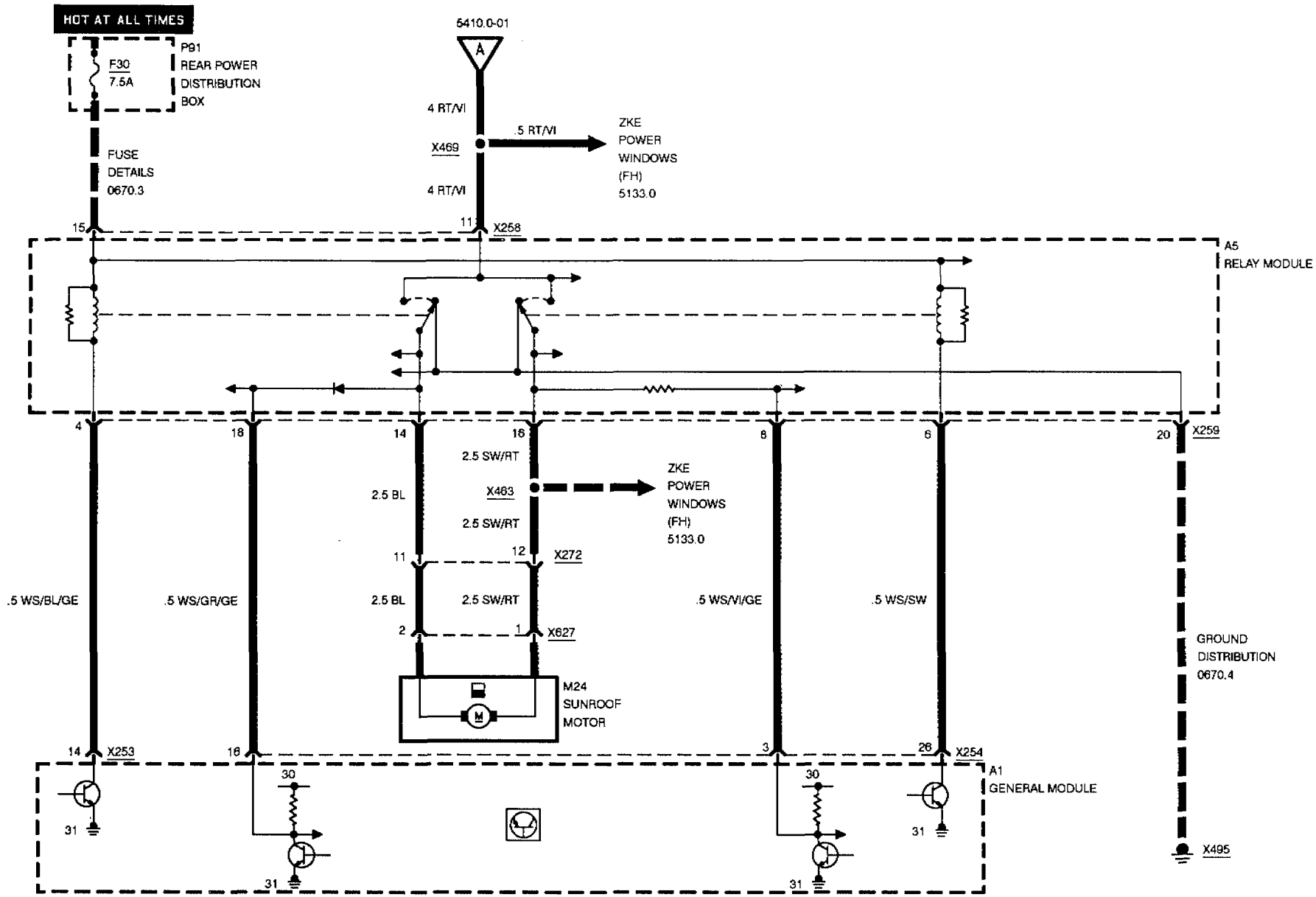
INPUT DETAILS



carplan.com

ZKE SUNROOF (SHD)

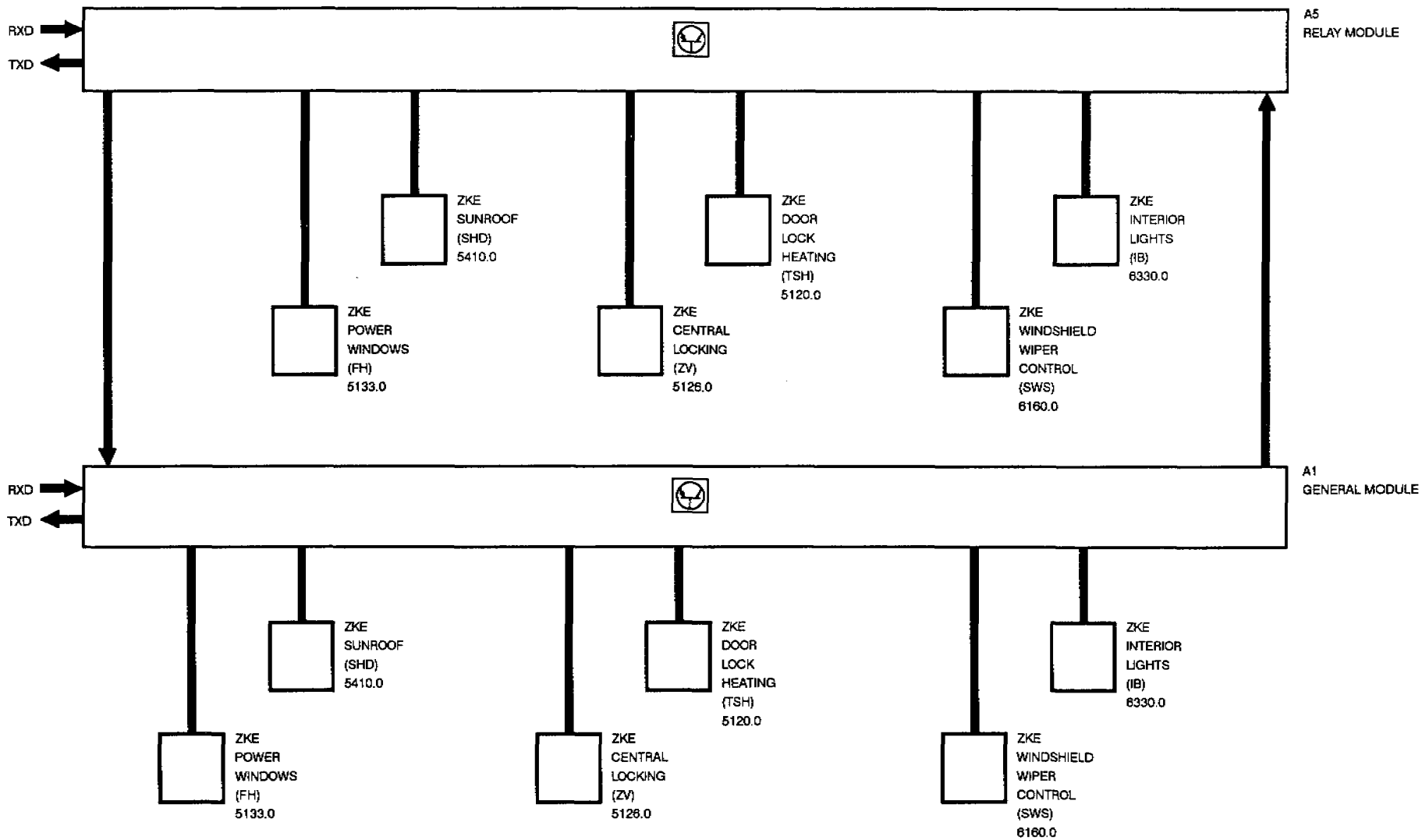
OUTPUT DETAILS



cardiagn.com

CENTRAL BODY ELECTRONICS (ZKE)

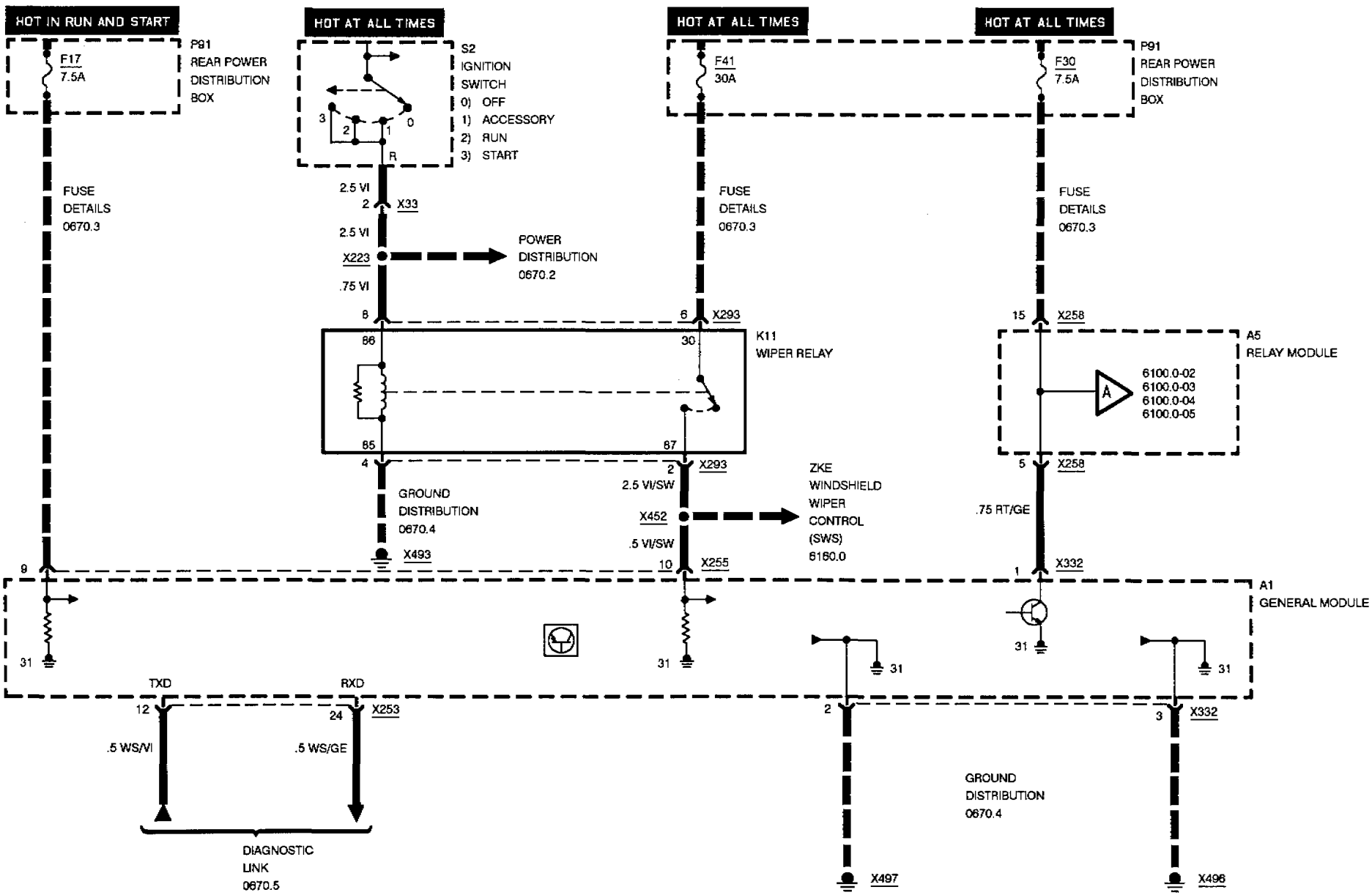
OUTPUT DETAILS



cardiagn.com

CENTRAL BODY ELECTRONICS (ZKE)

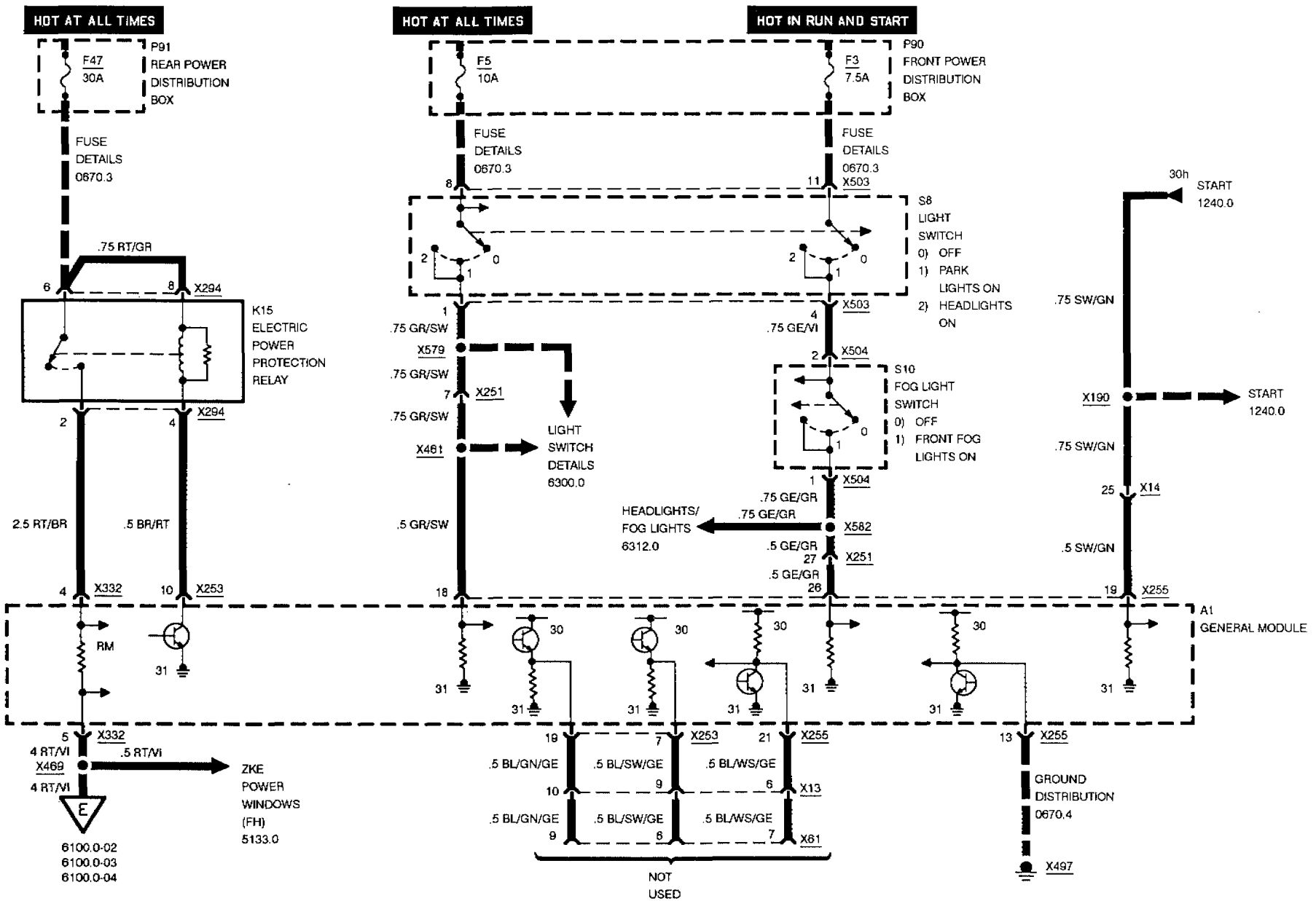
GENERAL MODULE



cardiagn.com

CENTRAL BODY ELECTRONICS (ZKE)

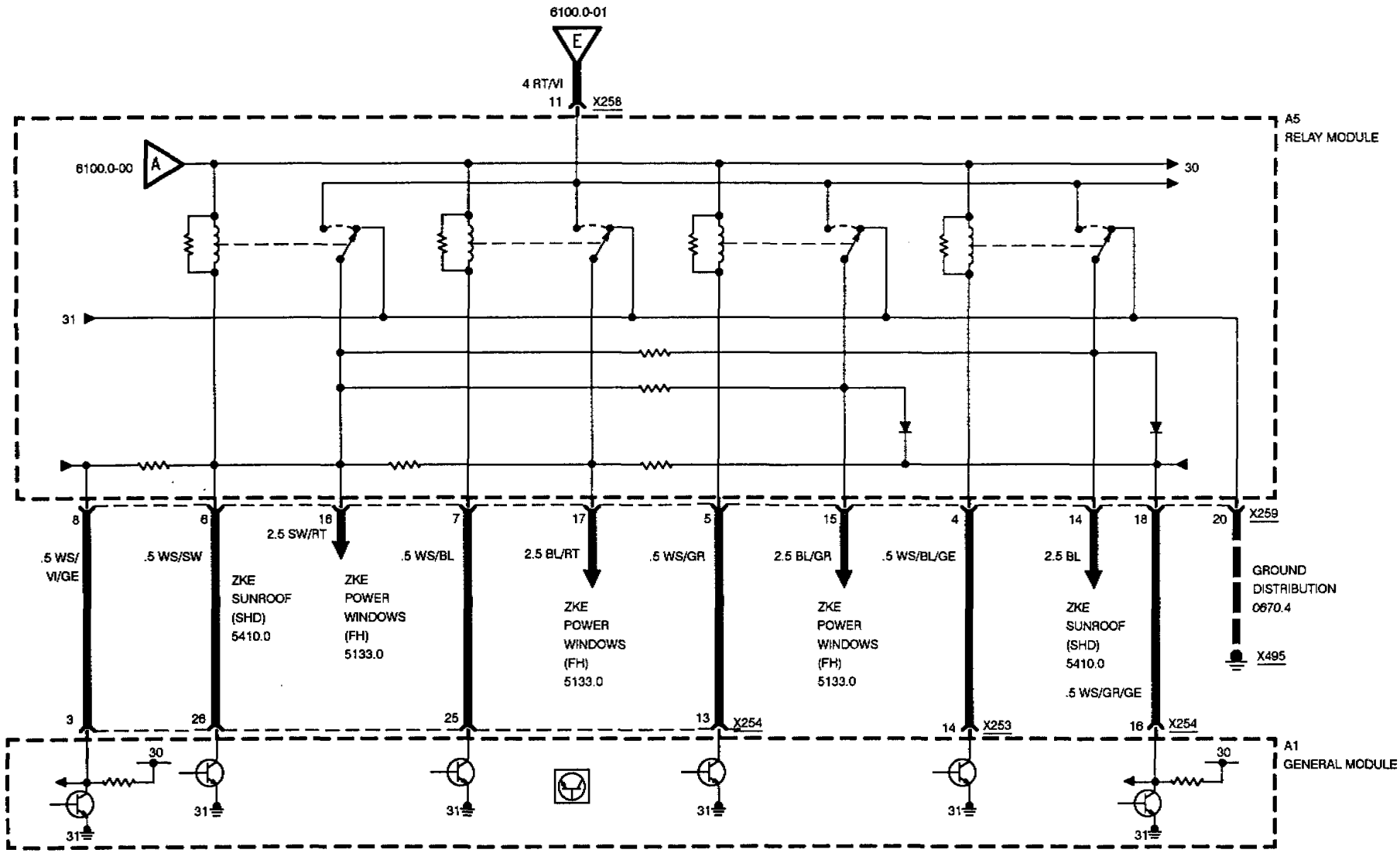
GENERAL MODULE



carlagn.com

CENTRAL BODY ELECTRONICS (ZKE)

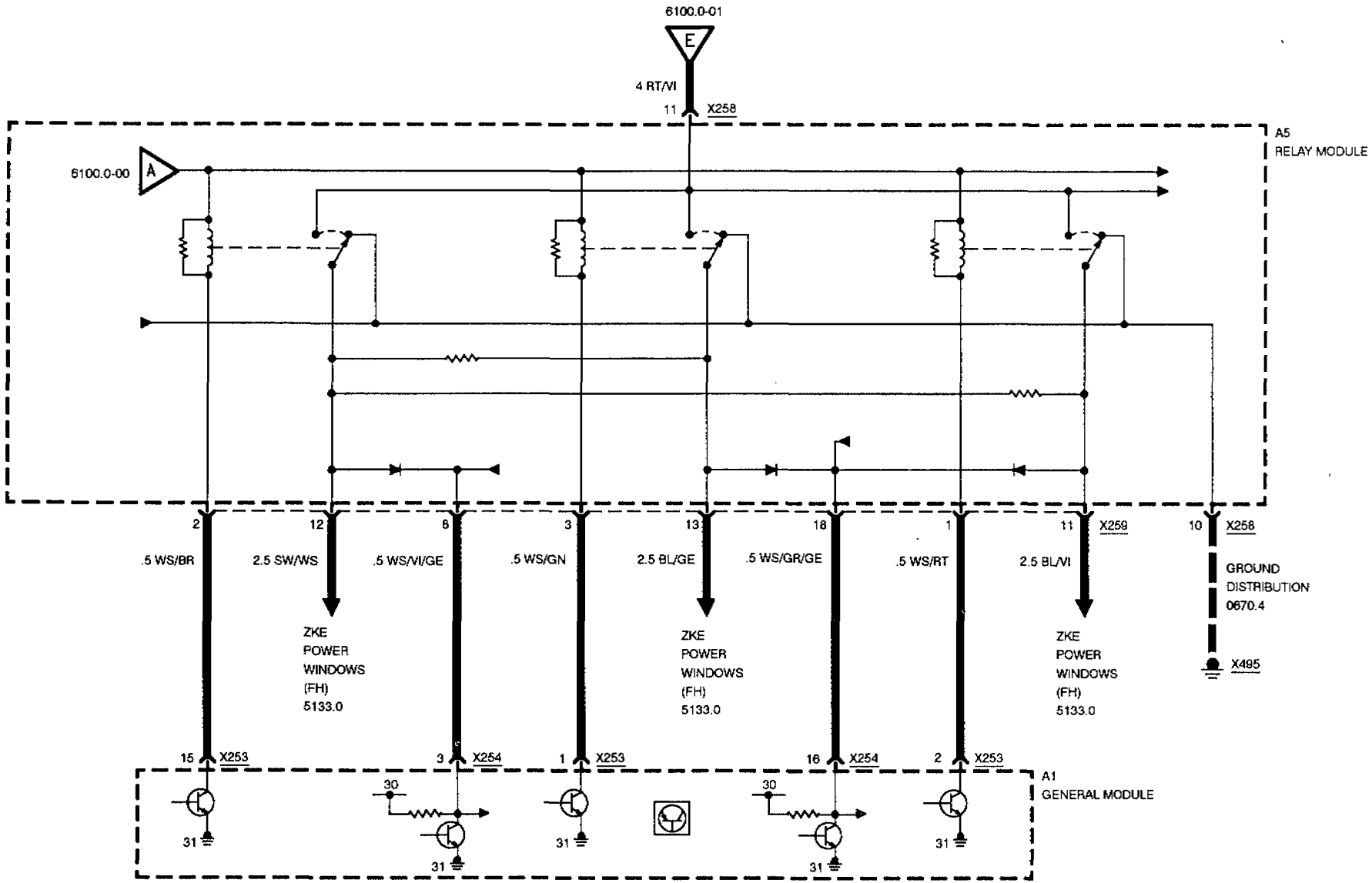
RELAY MODULE



cardiagn.com

CENTRAL BODY ELECTRONICS (ZKE)

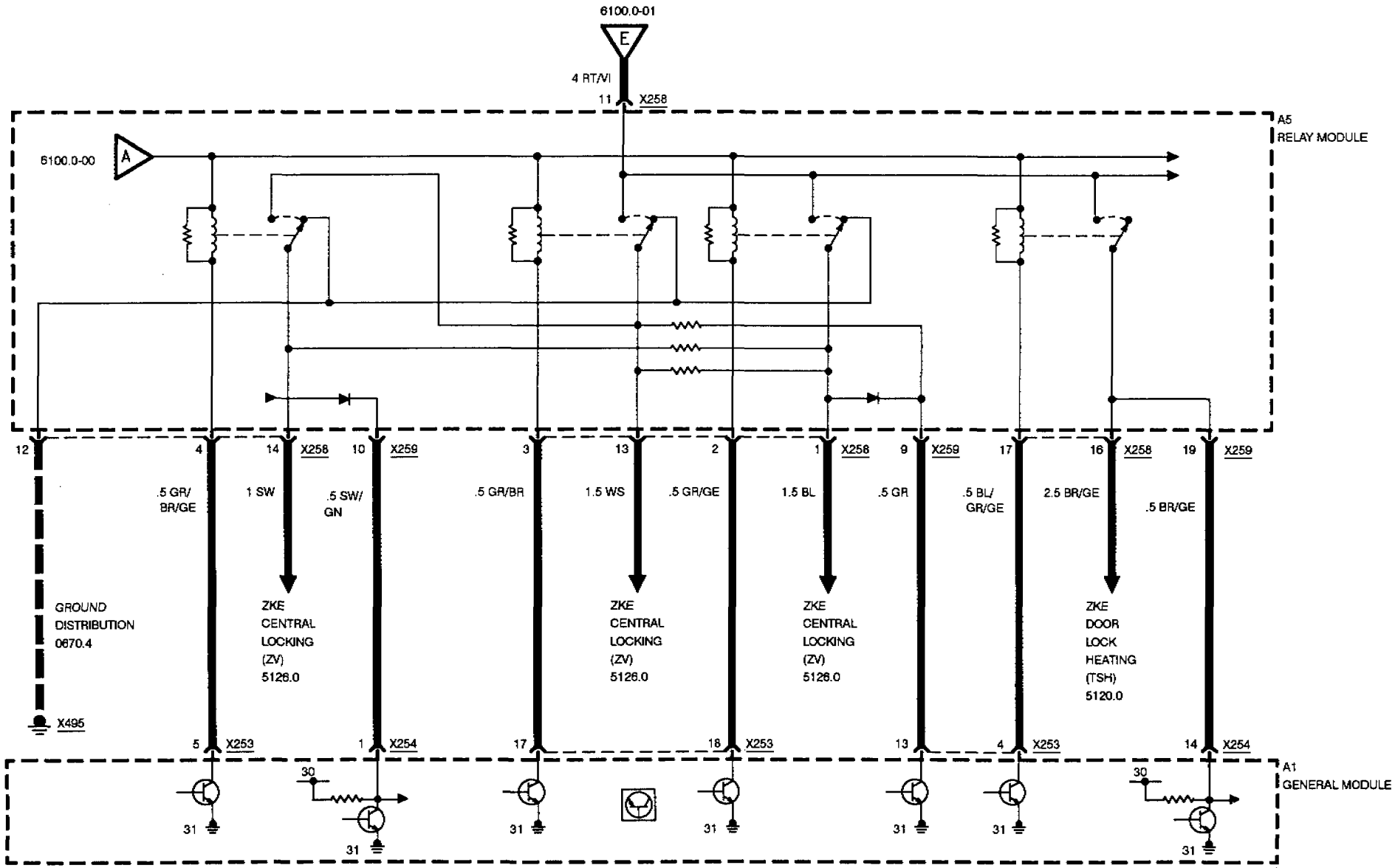
RELAY MODULE



carDiagn.com

CENTRAL BODY ELECTRONICS (ZKE)

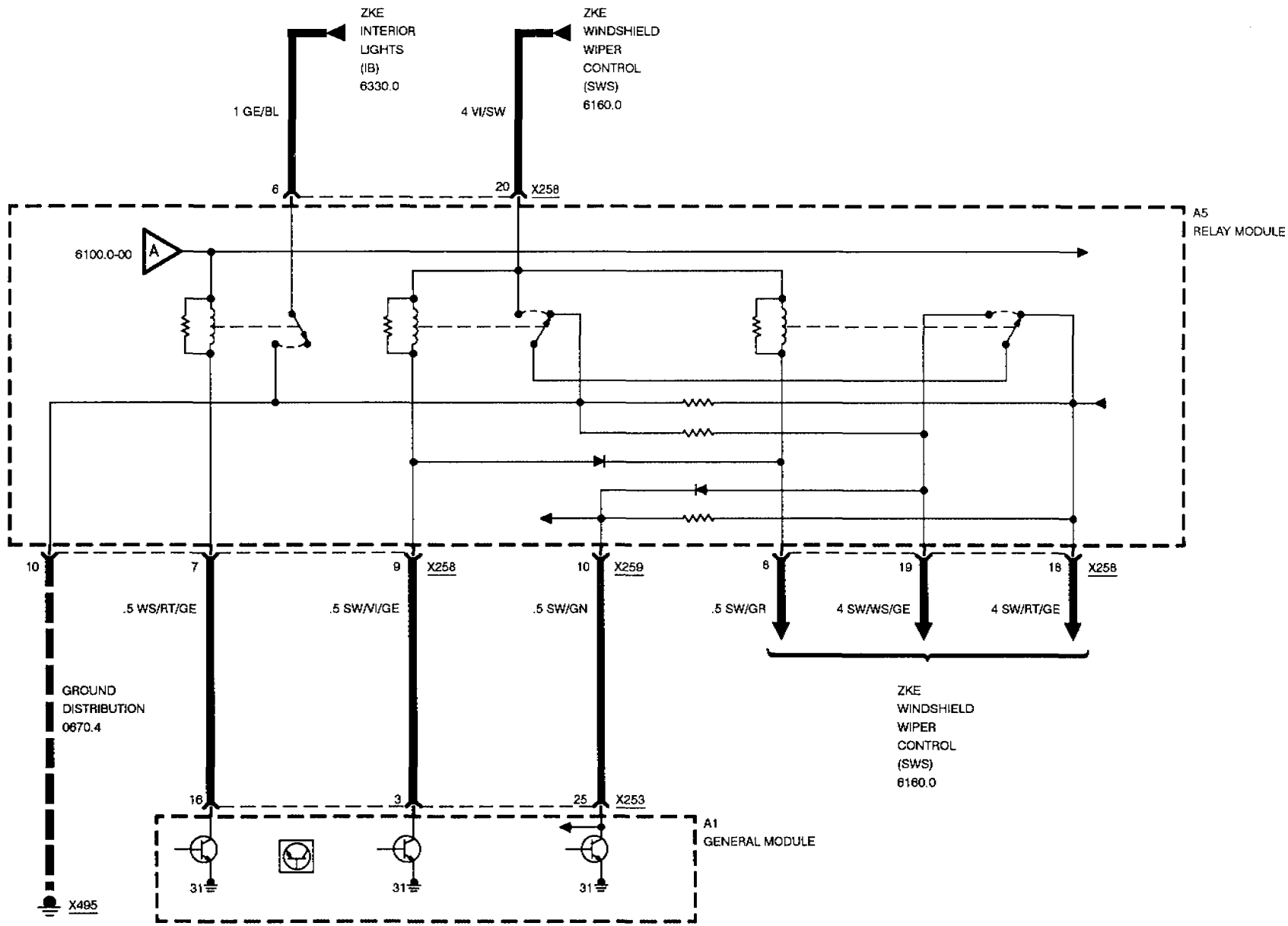
RELAY MODULE



cardiagn.com

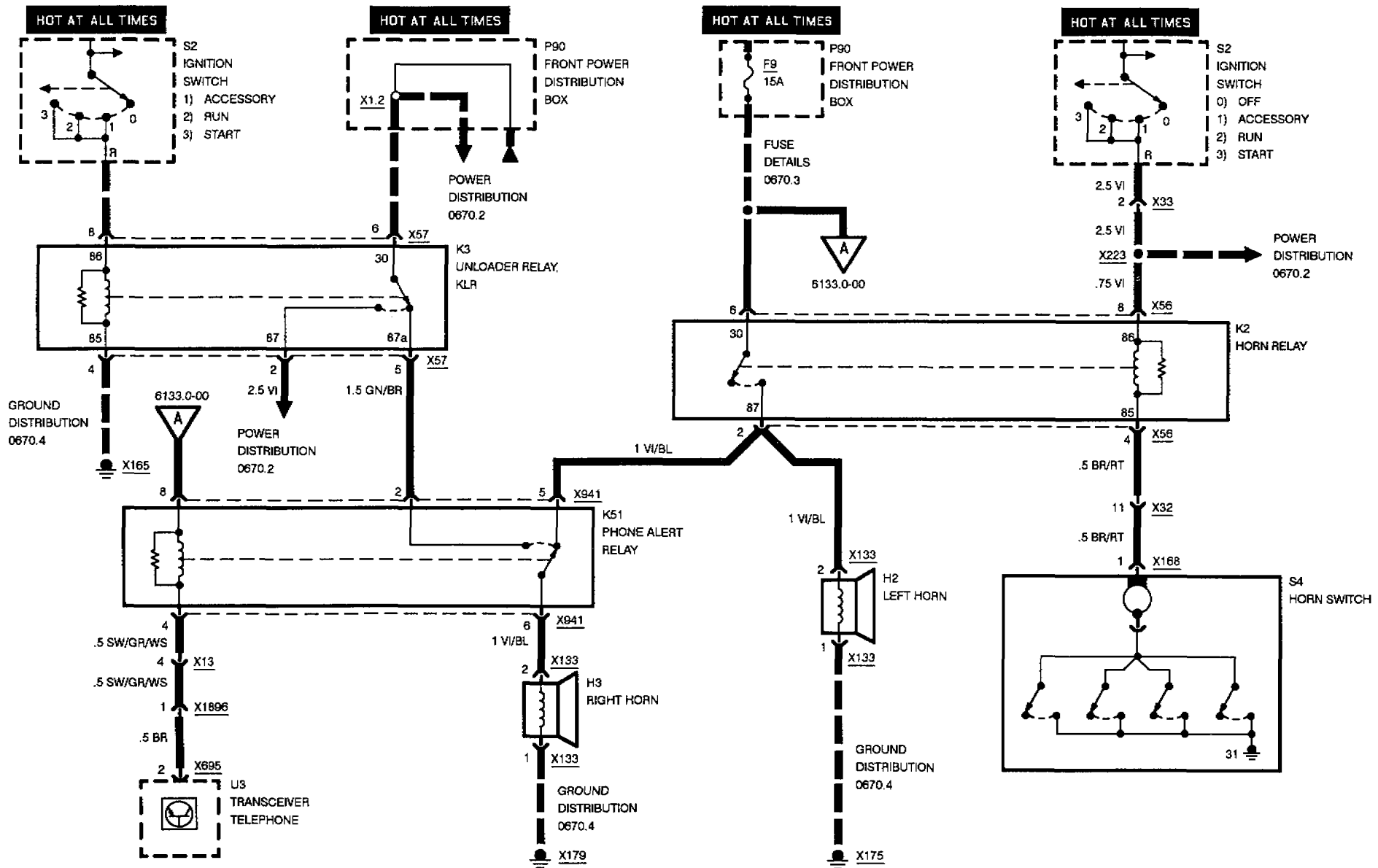
CENTRAL BODY ELECTRONICS (ZKE)

RELAY MODULE



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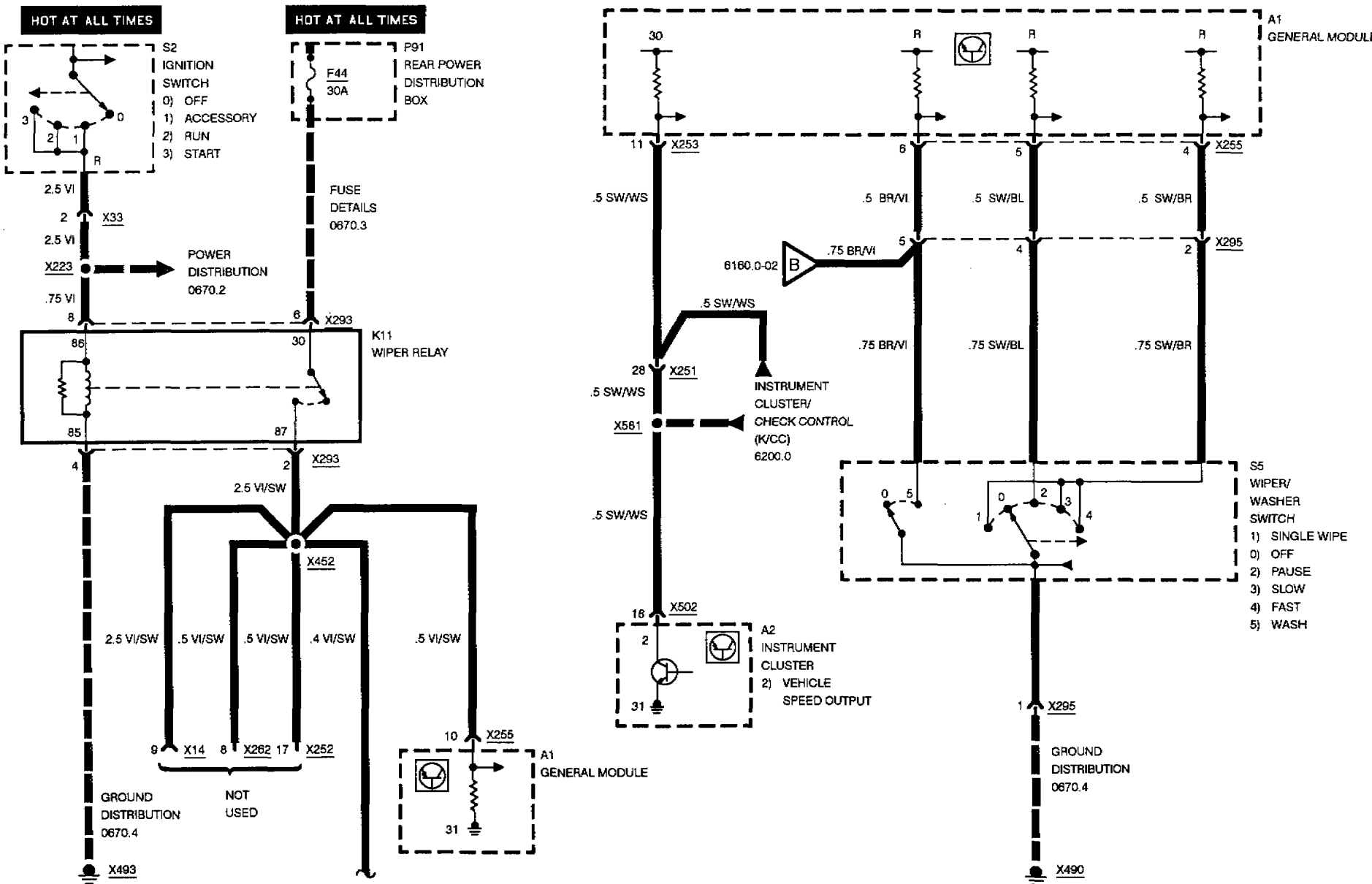
HORN



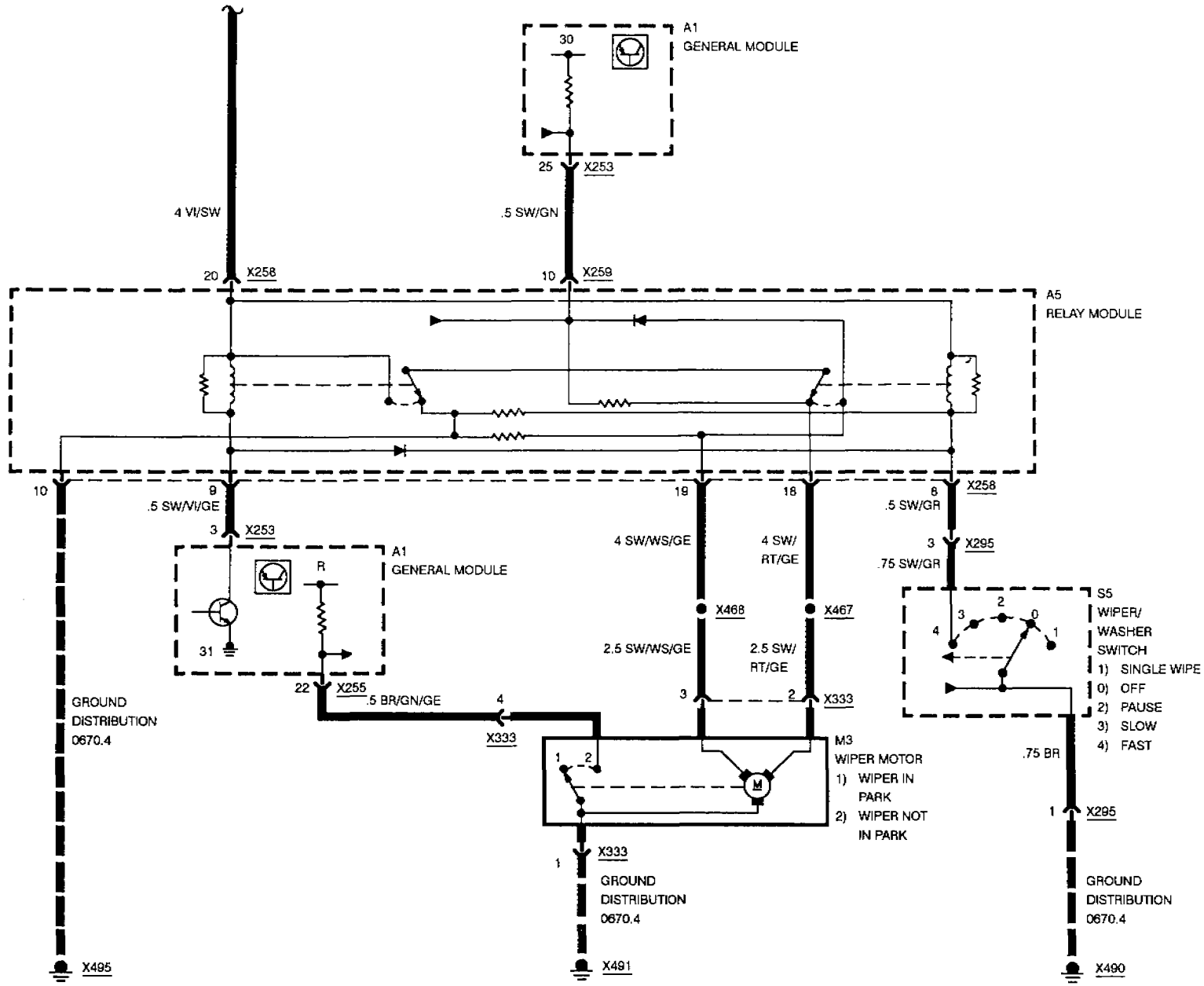
carlagn.com

ZKE WINDSHIELD WIPER CONTROL (SWS)

INPUT DETAILS



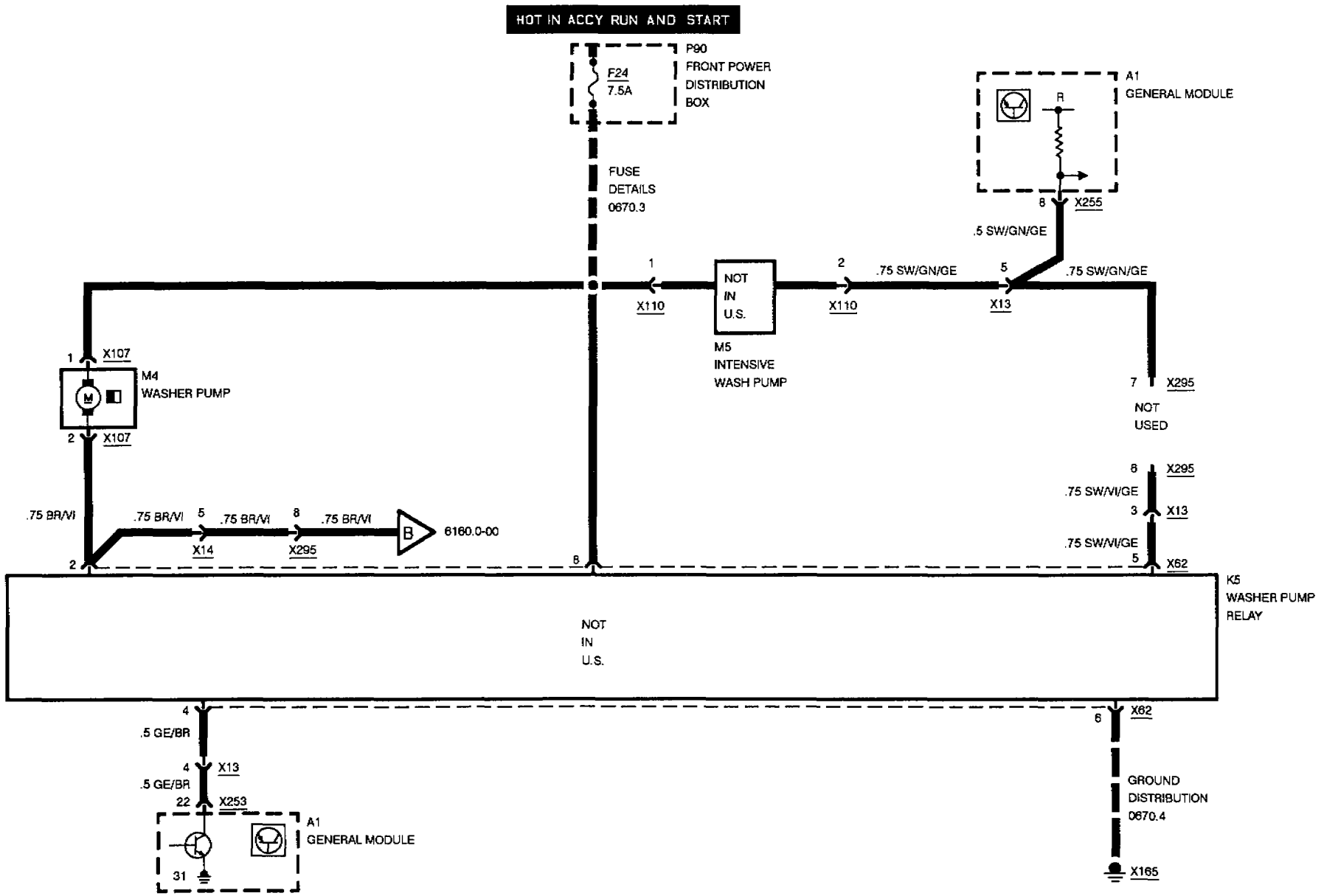
carlagn.com



carmanuals.com

ZKE WINDSHIELD WIPER CONTROL (SWS)

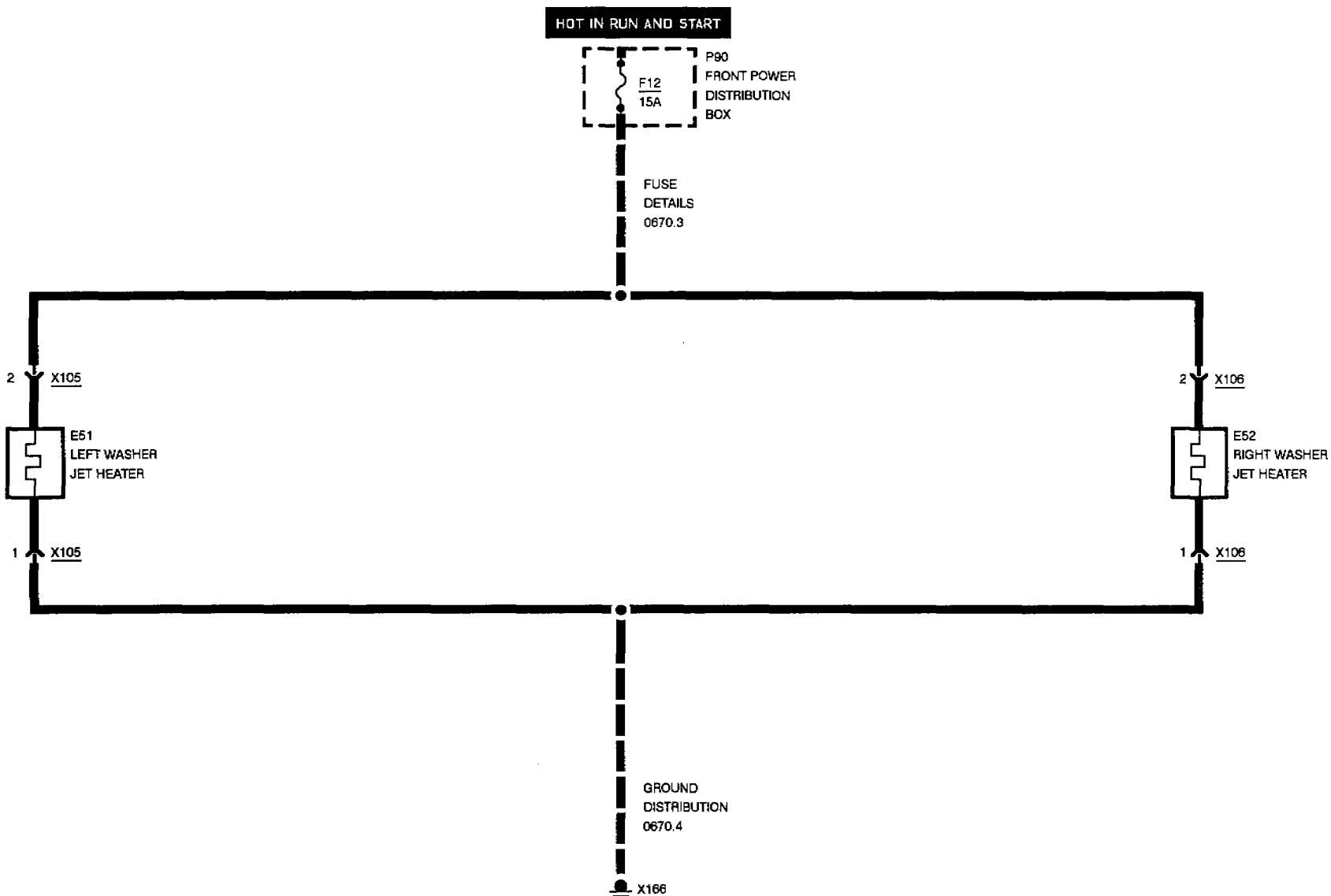
OUTPUT DETAILS



carlabg.com

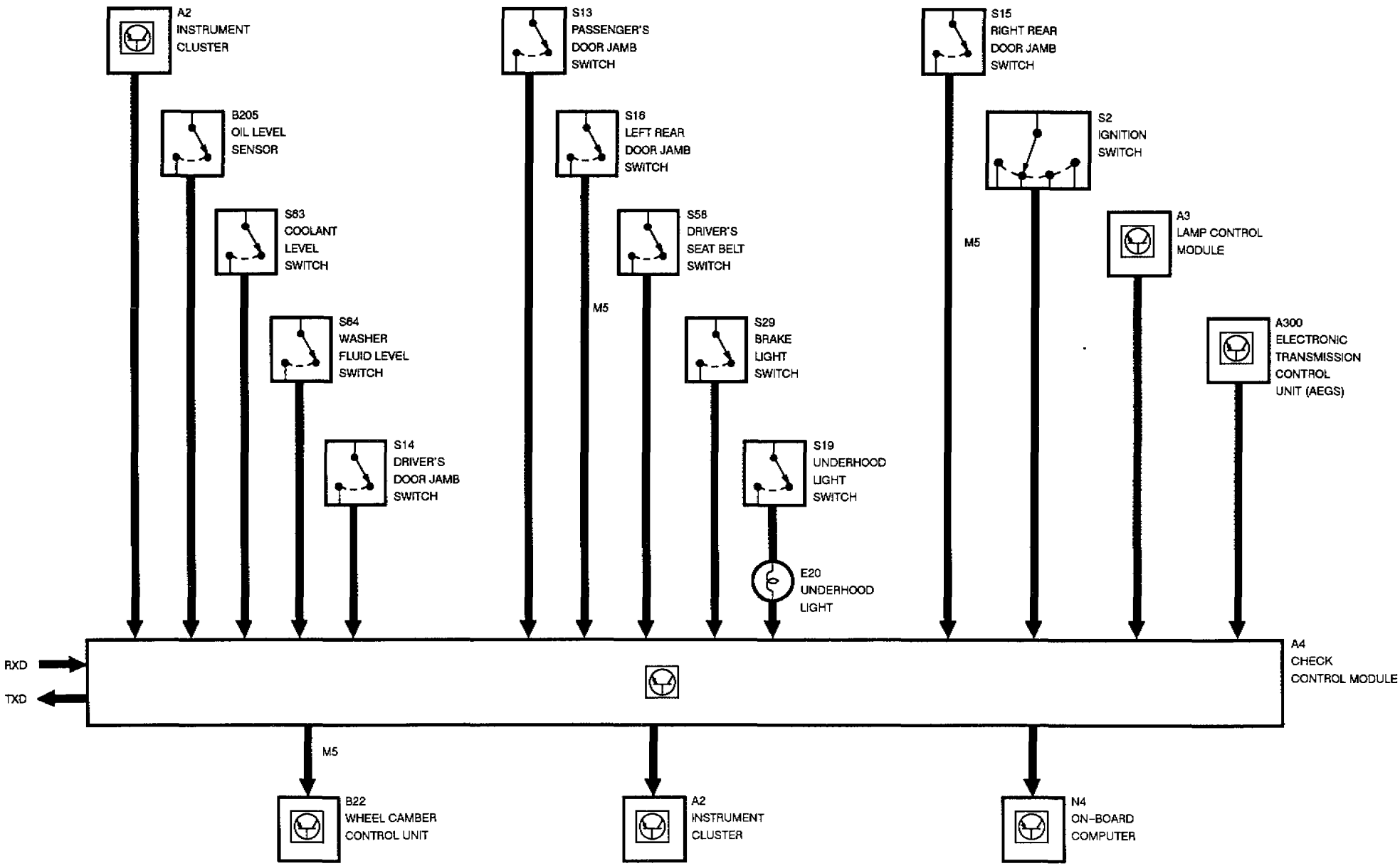
WINDSHIELD WASHER JET HEATERS

535i, M5



cardiagn.com

INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

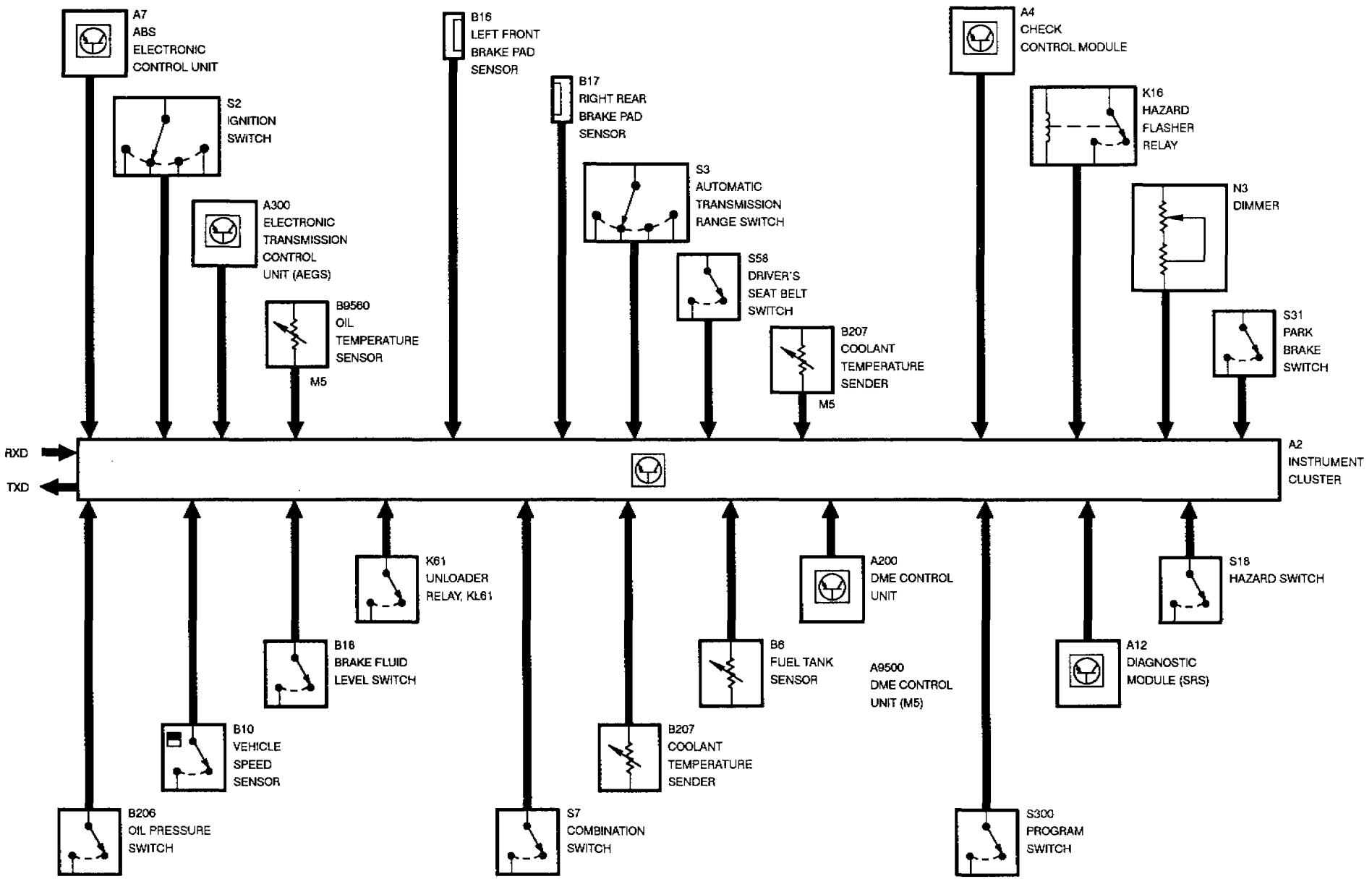


cardiagn.com

BMW 5

INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

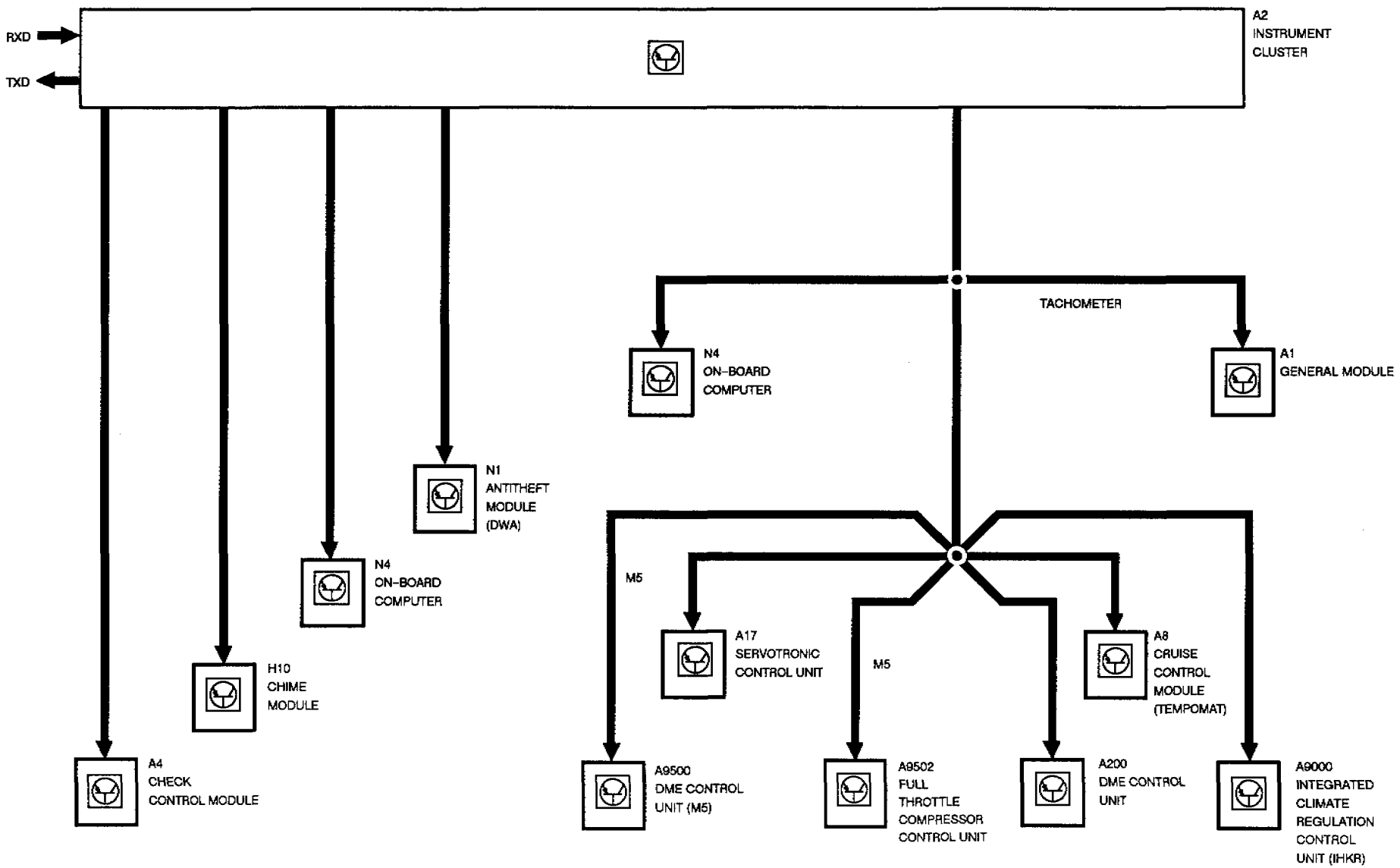
INPUT DETAILS



cardiagn.com

INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

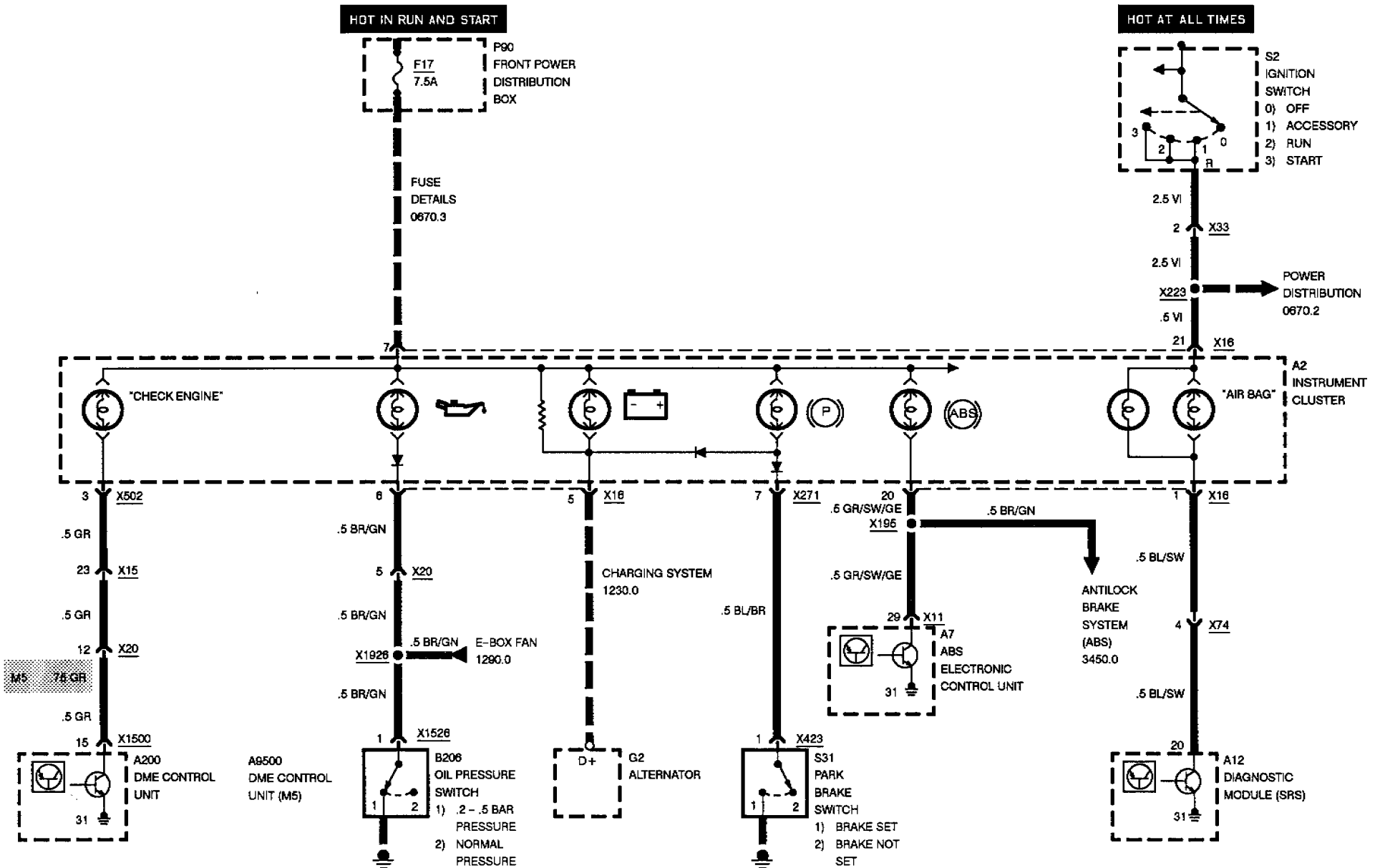
OUTPUT DETAILS



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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

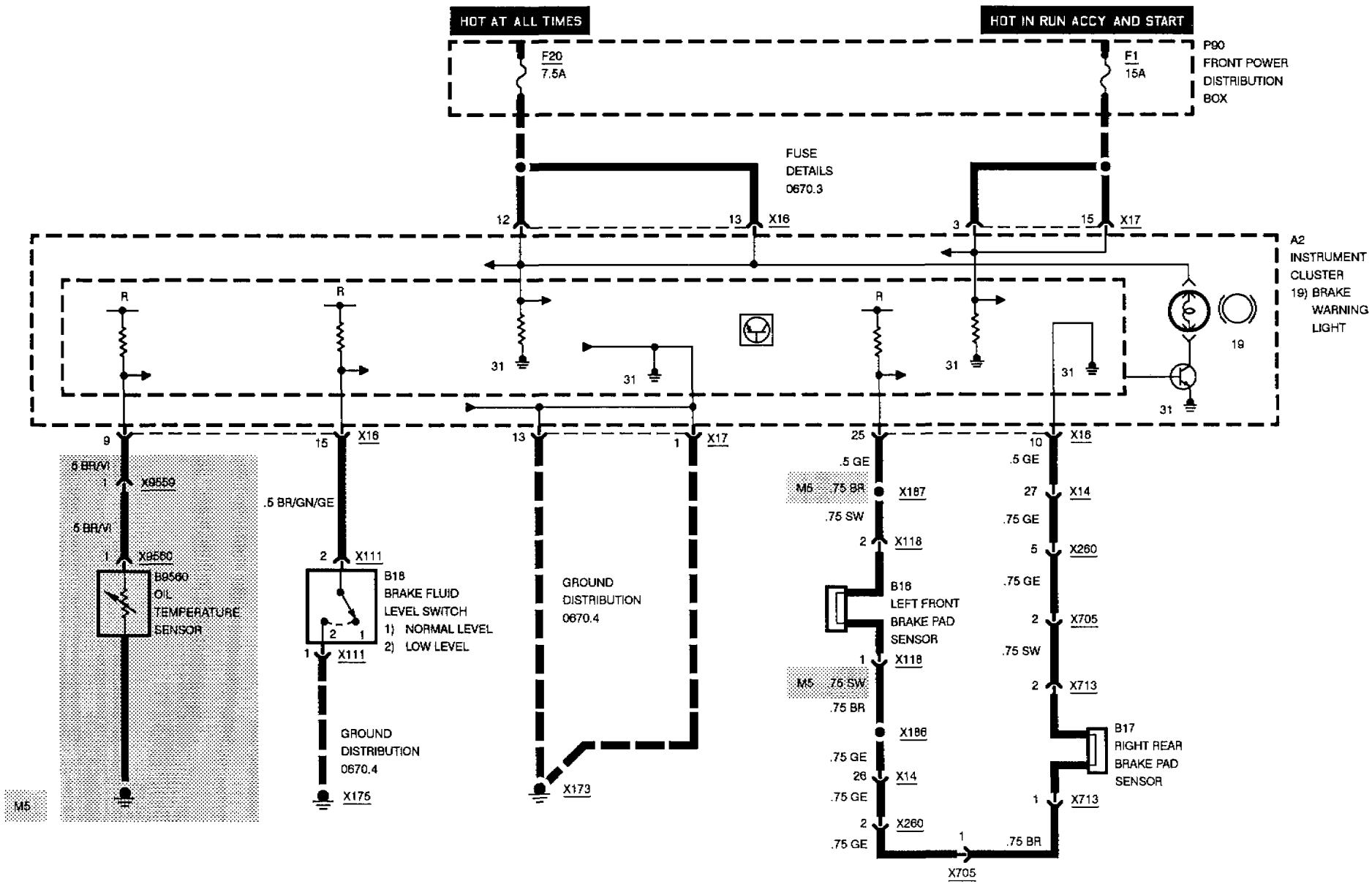
INDICATORS



cardiagn.com

INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

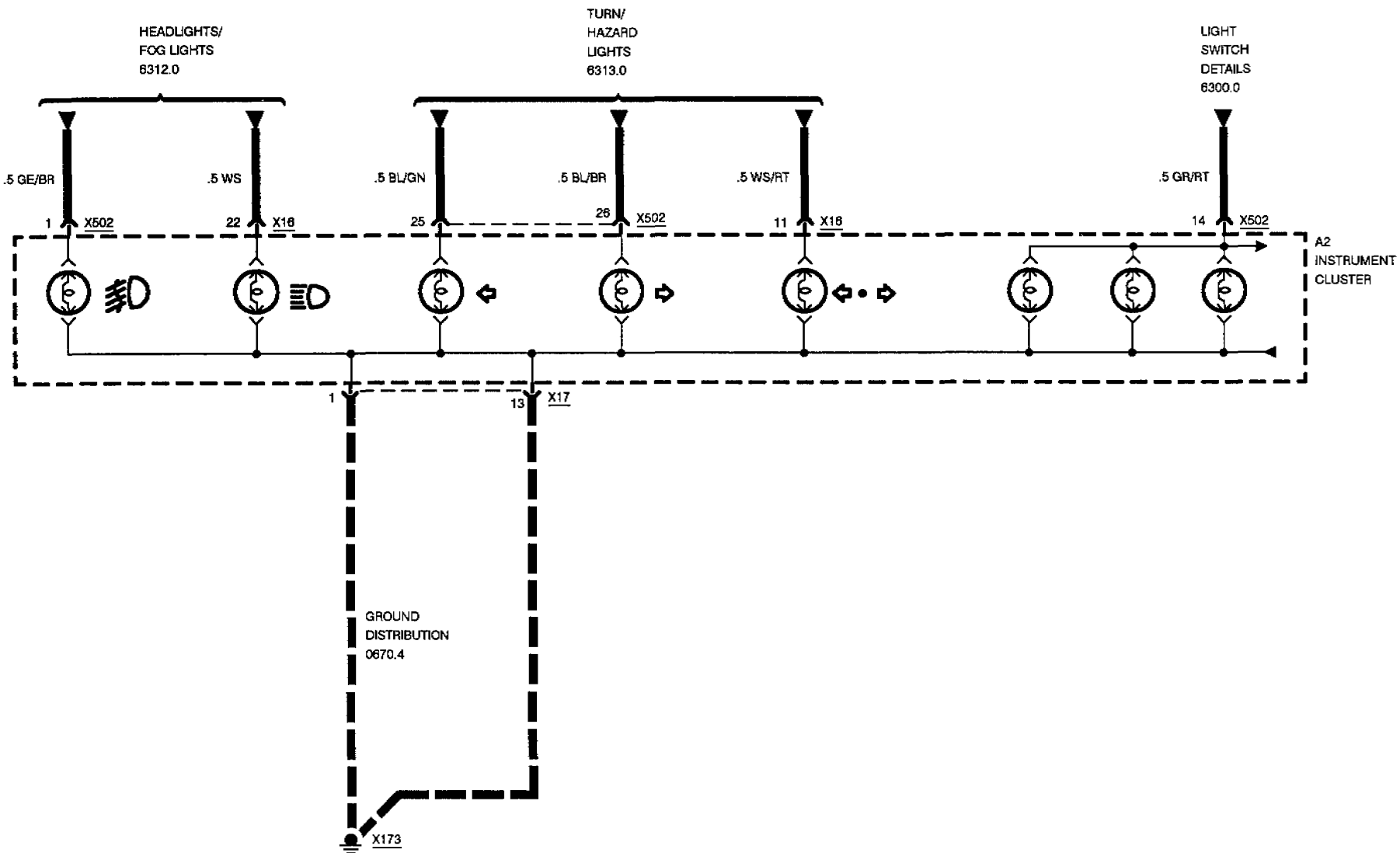
INDICATORS



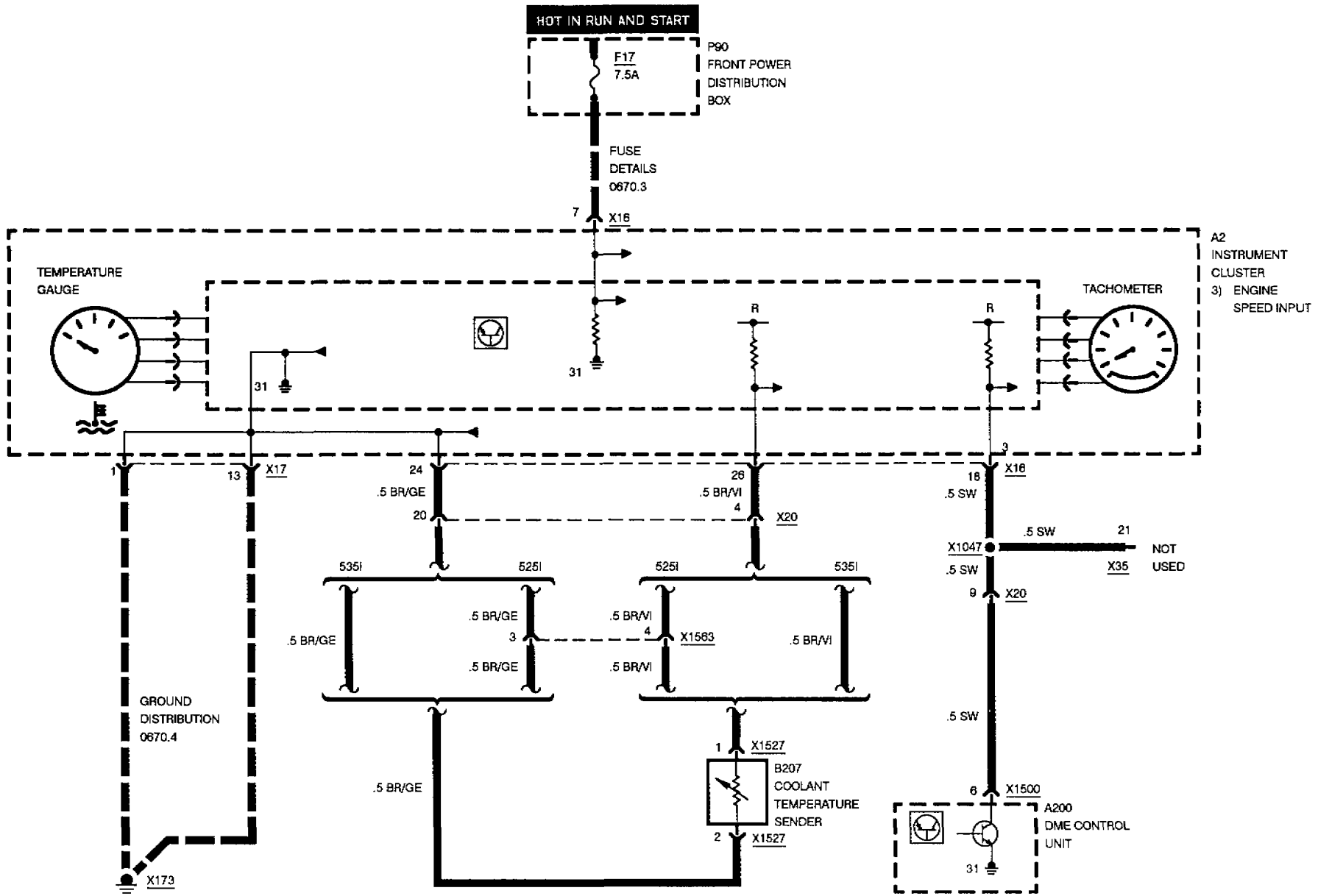
cardiagn.com

INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

INDICATORS



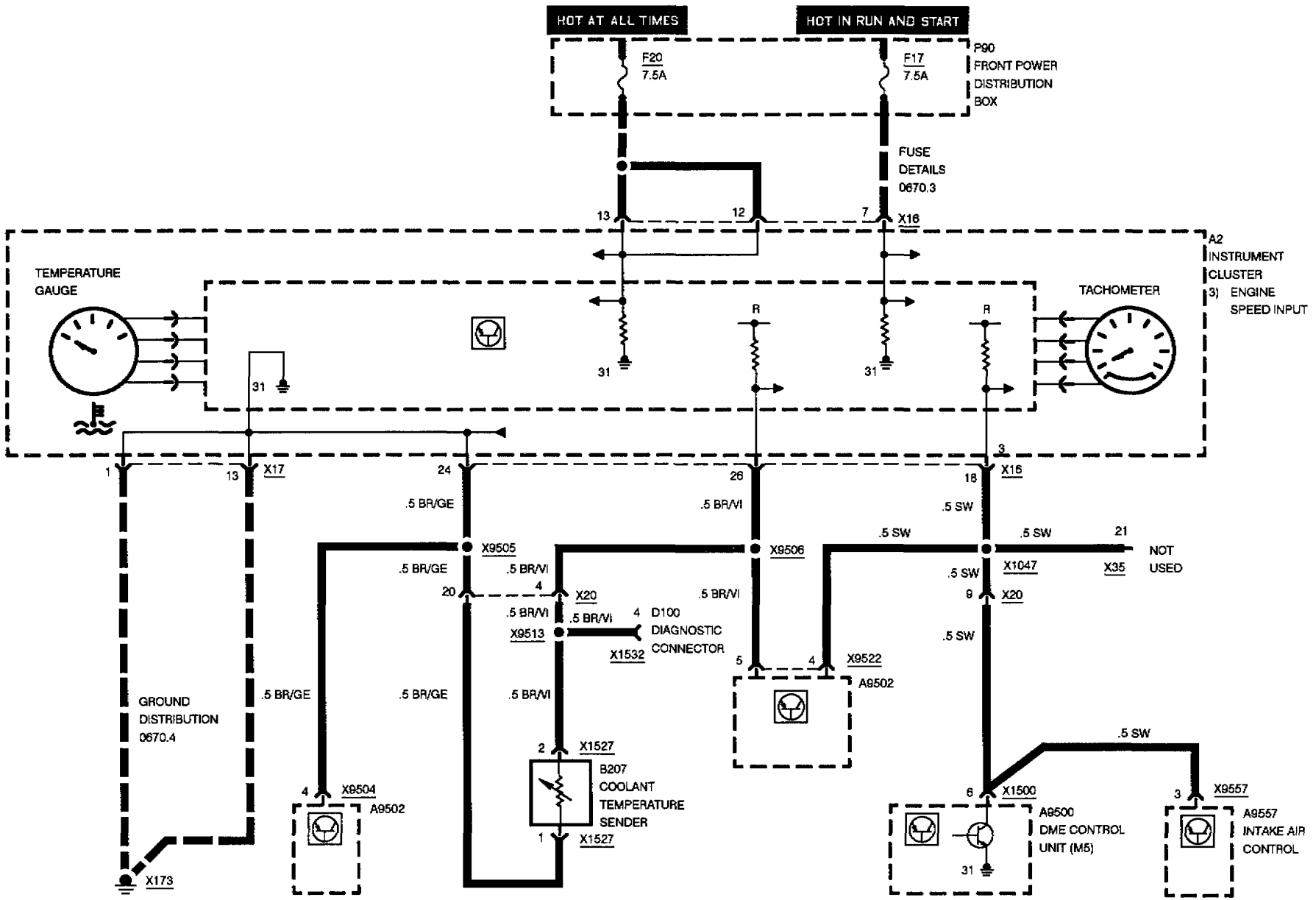
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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC) M5

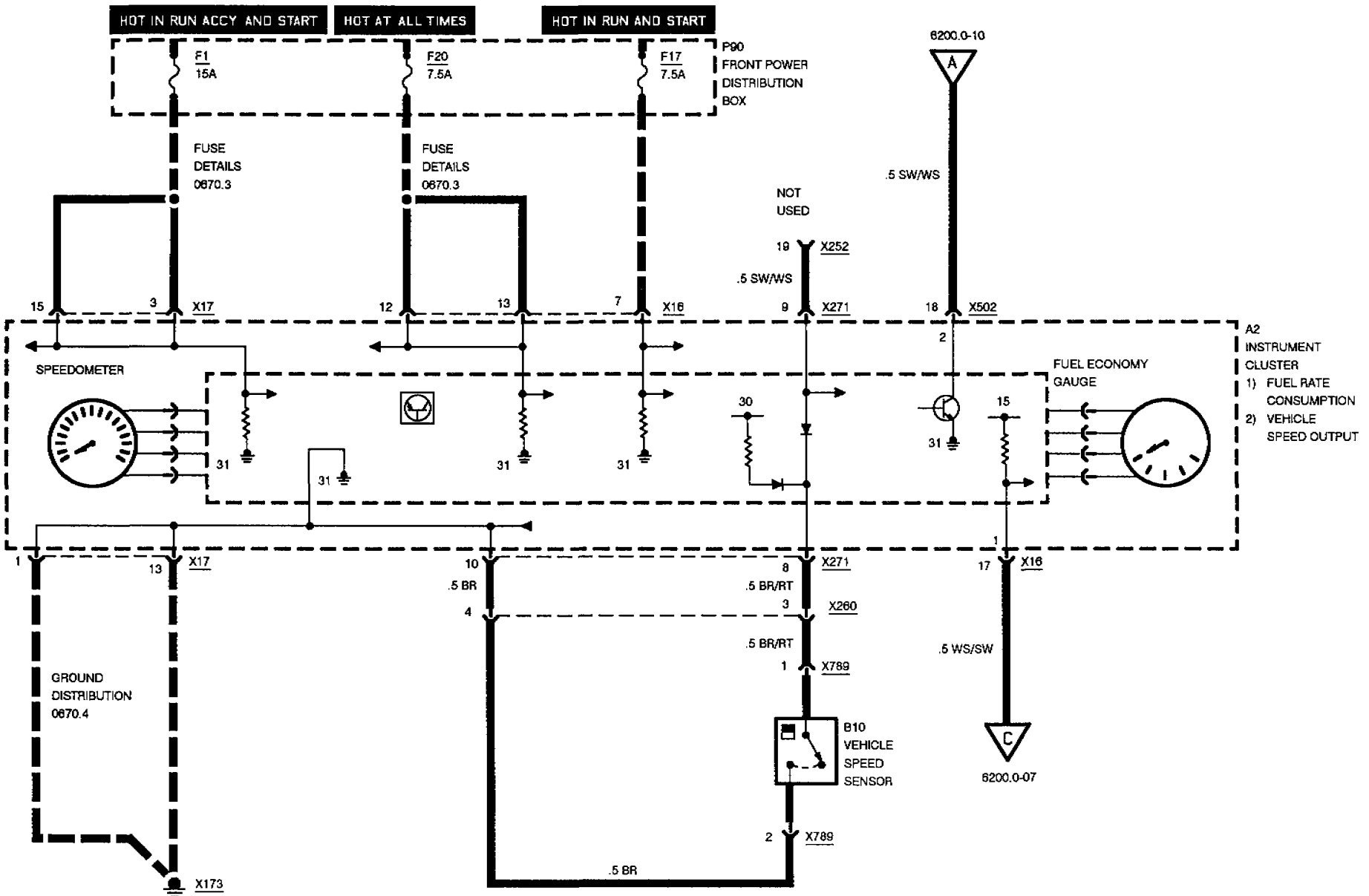
GAUGES



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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

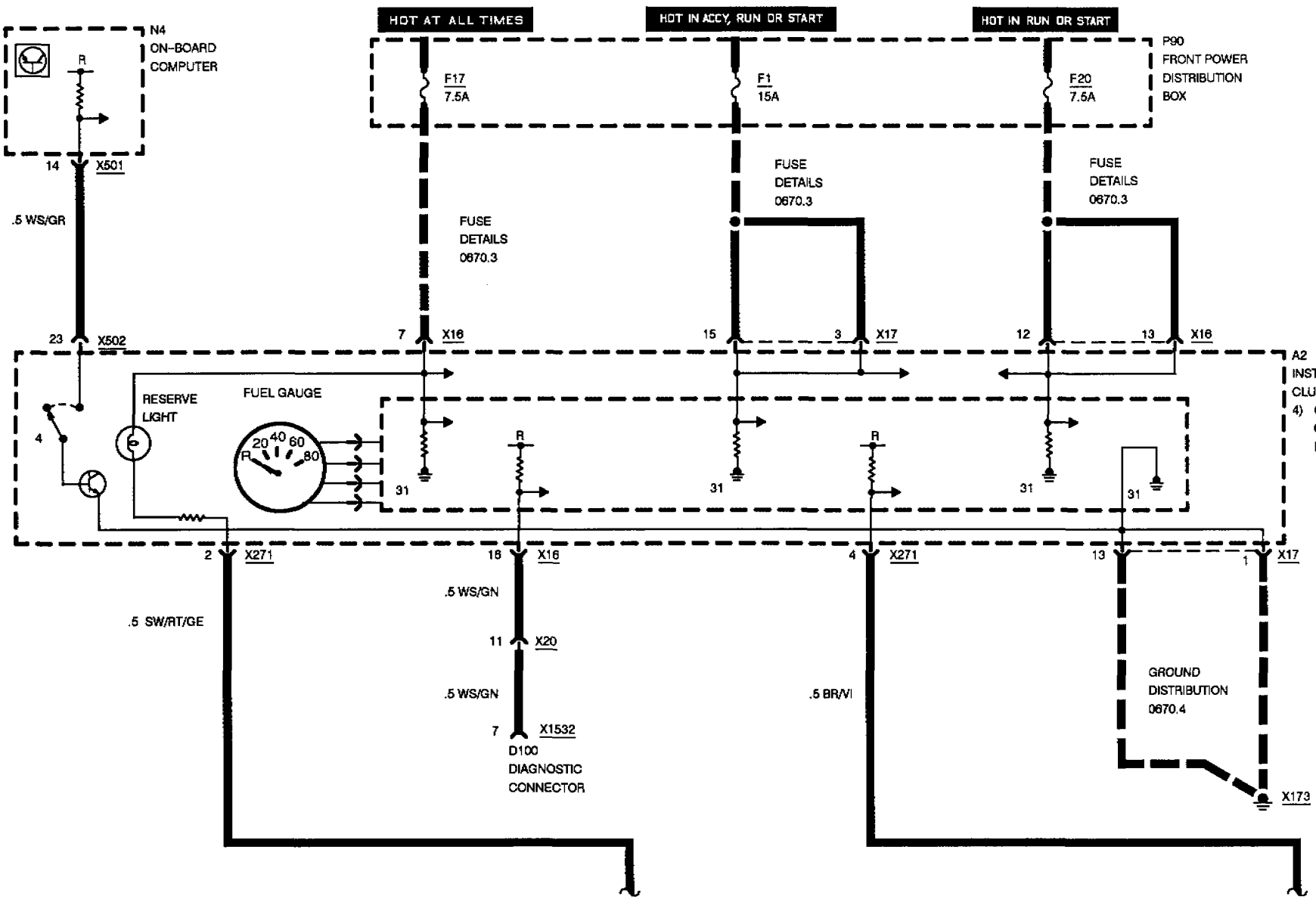
GAUGES



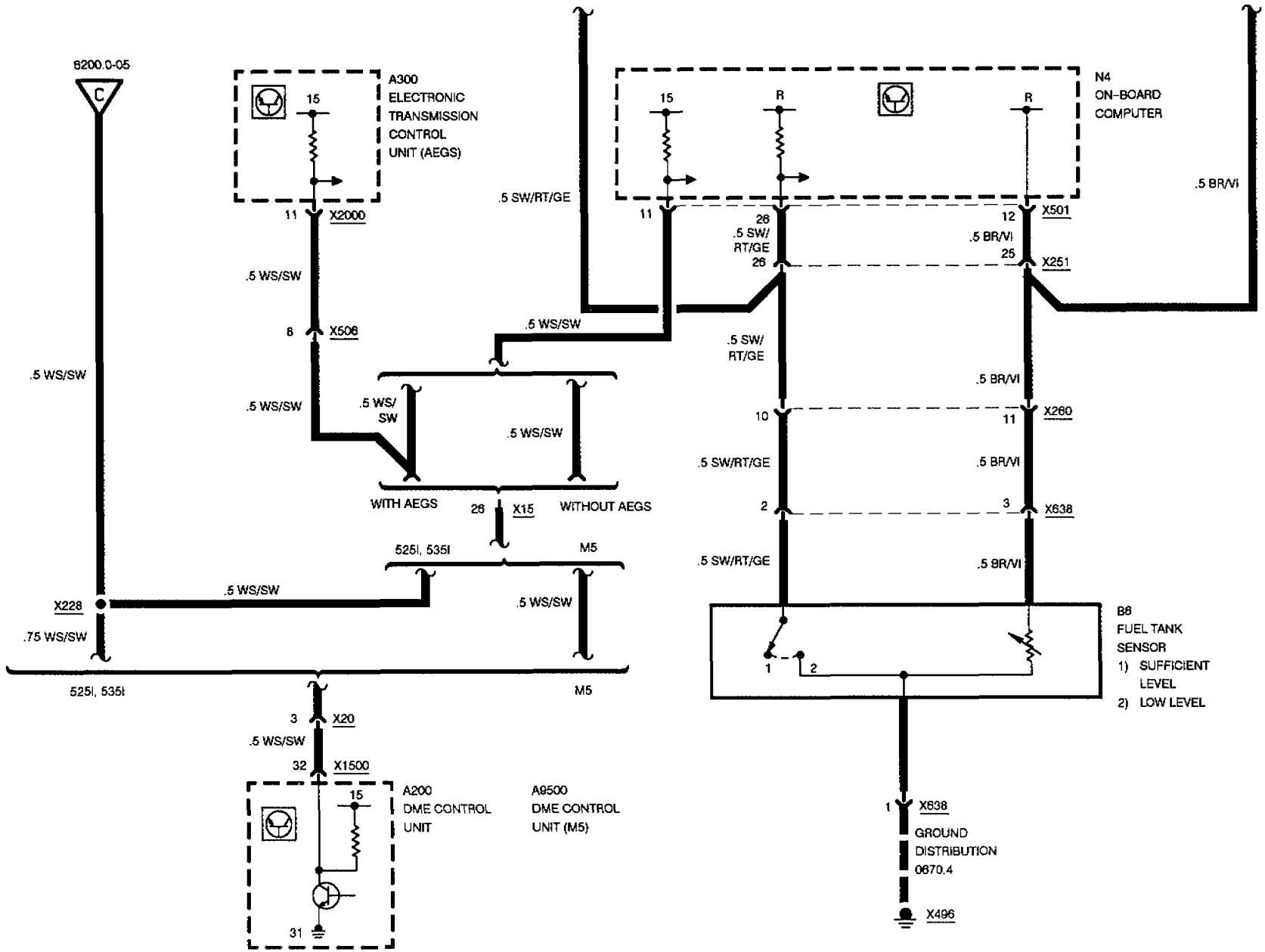
cardiagn.com

INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

GAUGES



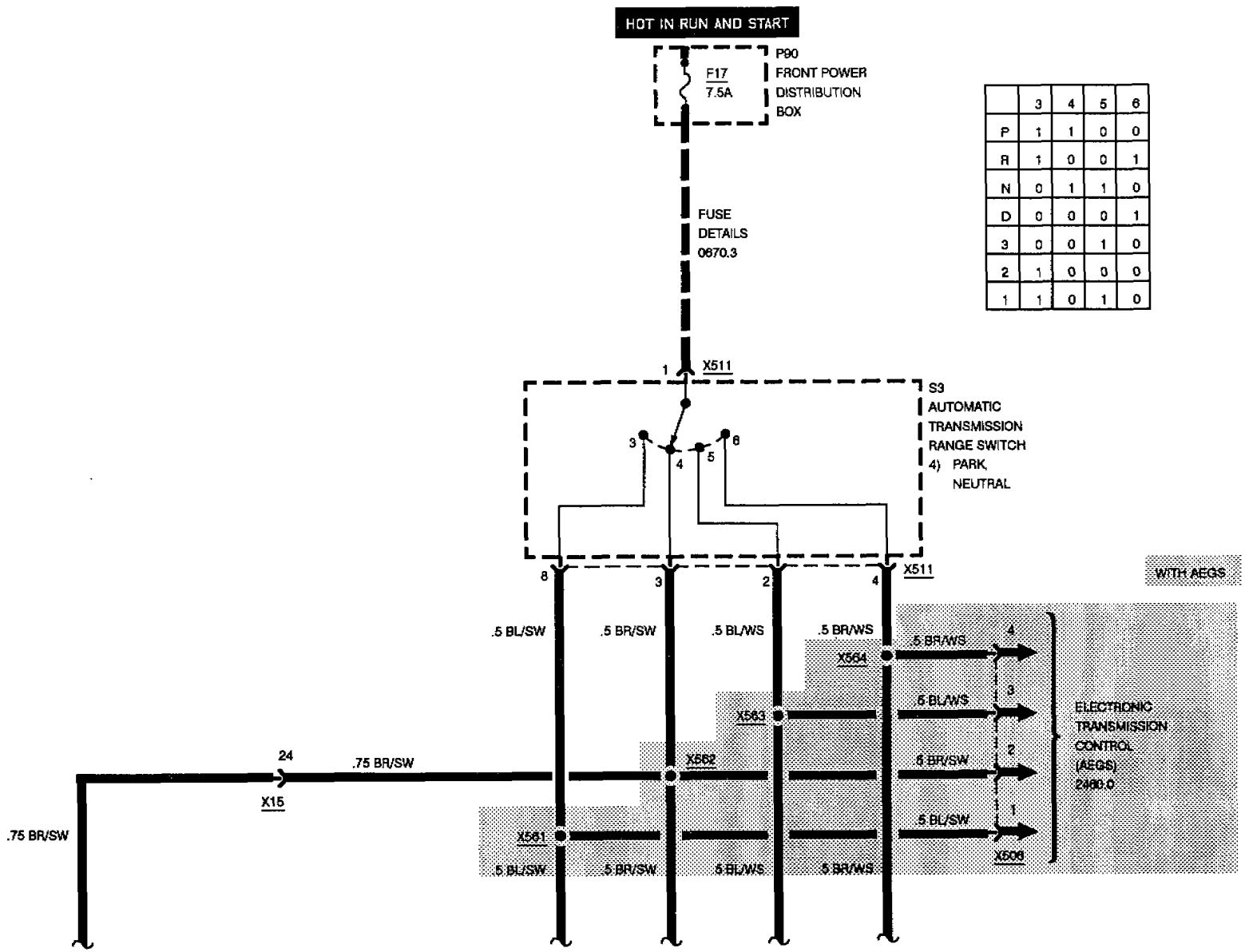
cardiagn.com


6200.0-05
C
A300
ELECTRONIC
TRANSMISSION
CONTROL
UNIT (AEGS)
15
11
X2000
.5 WS/SW
8
X506
.5 WS/SW
.5 WS/SW
.5 WS/
SW
.5 WS/SW
WITH AEGS
26
X15
WITHOUT AEGS
525I, 535I
M5
.5 WS/SW
.5 WS/SW
X228
.75 WS/SW
525I, 535I
M5
3
X20
.5 WS/SW
32
X1500
15
31
A200
DME CONTROL
UNIT
A9500
DME CONTROL
UNIT (M5)
.5 SW/RT/GE
N4
ON-BOARD
COMPUTER
15
R
R
11
.5 BR/VI
28
.5 SW/
RT/GE
26
12
X501
.5 BR/VI
25
X251
.5 SW/
RT/GE
.5 BR/VI
10
11
X260
.5 SW/RT/GE
.5 BR/VI
2
3
X638
.5 SW/RT/GE
.5 BR/VI
B8
FUEL TANK
SENSOR
1) SUFFICIENT
LEVEL
2) LOW LEVEL
1
2
1
X638
GROUND
DISTRIBUTION
0670.4
X496

carlabu.com

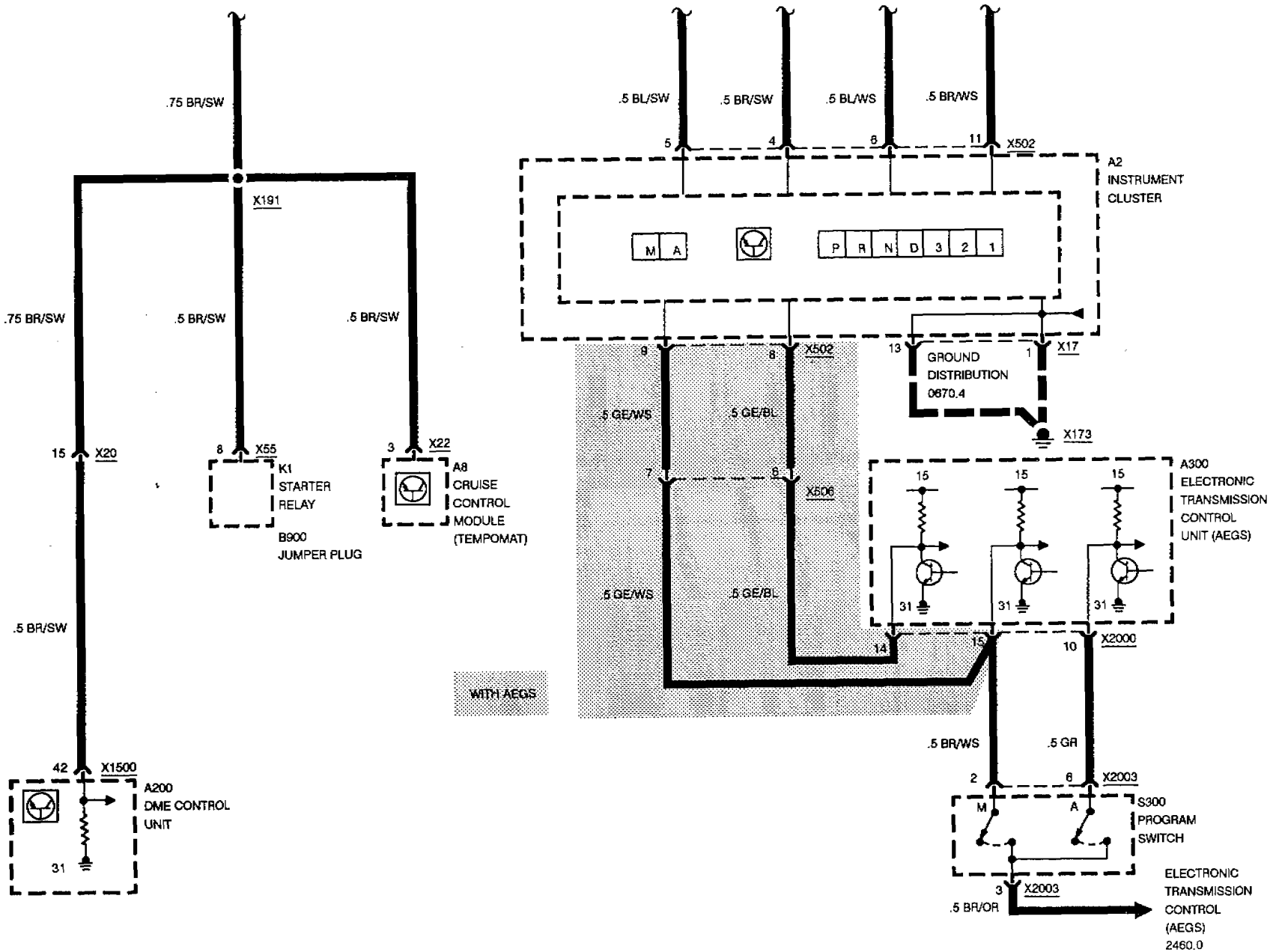
INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

GEAR SELECTOR



	3	4	5	6
P	1	1	0	0
R	1	0	0	1
N	0	1	1	0
D	0	0	0	1
3	0	0	1	0
2	1	0	0	0
1	1	0	1	0

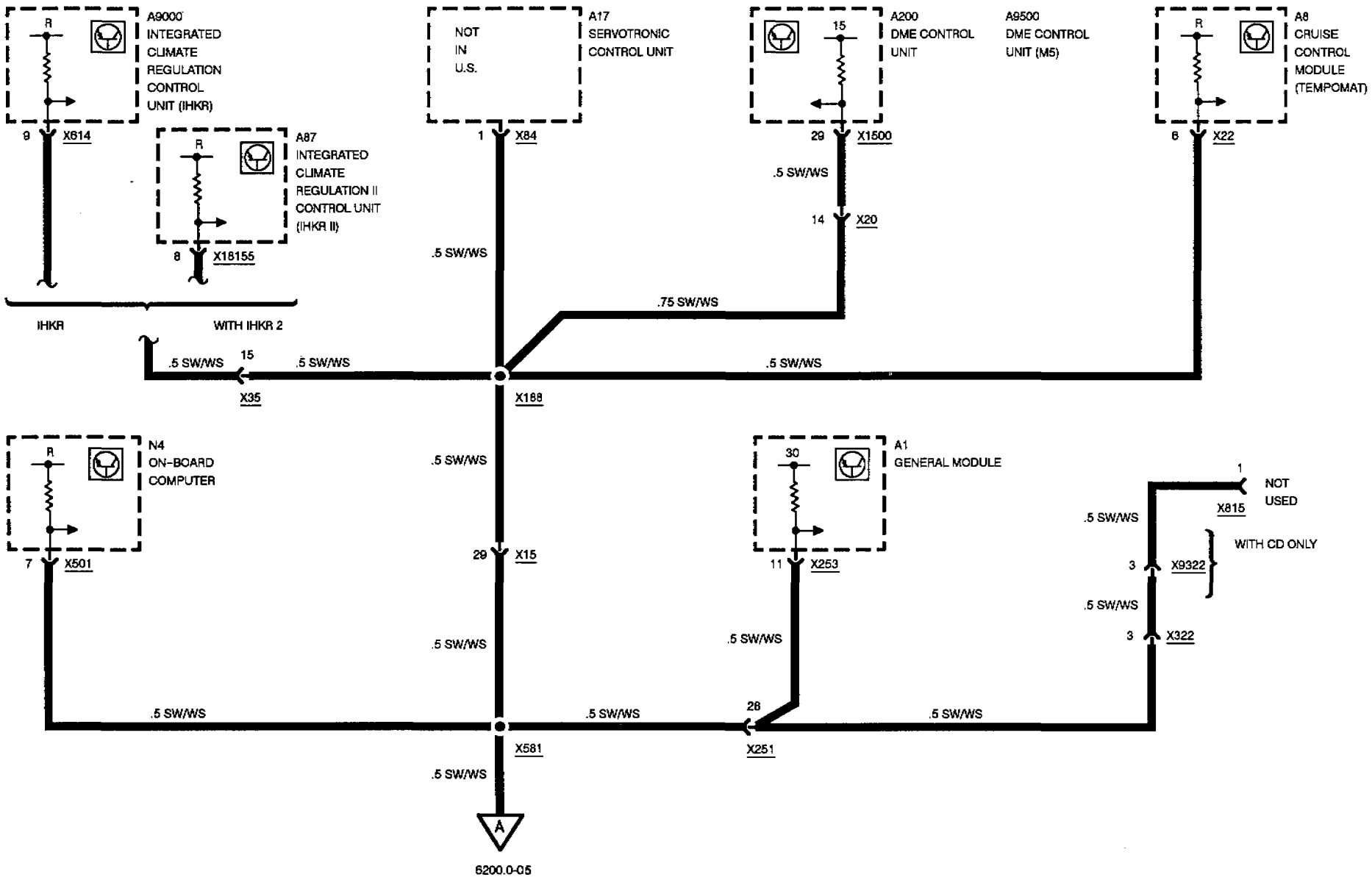
cardiagn.com



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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

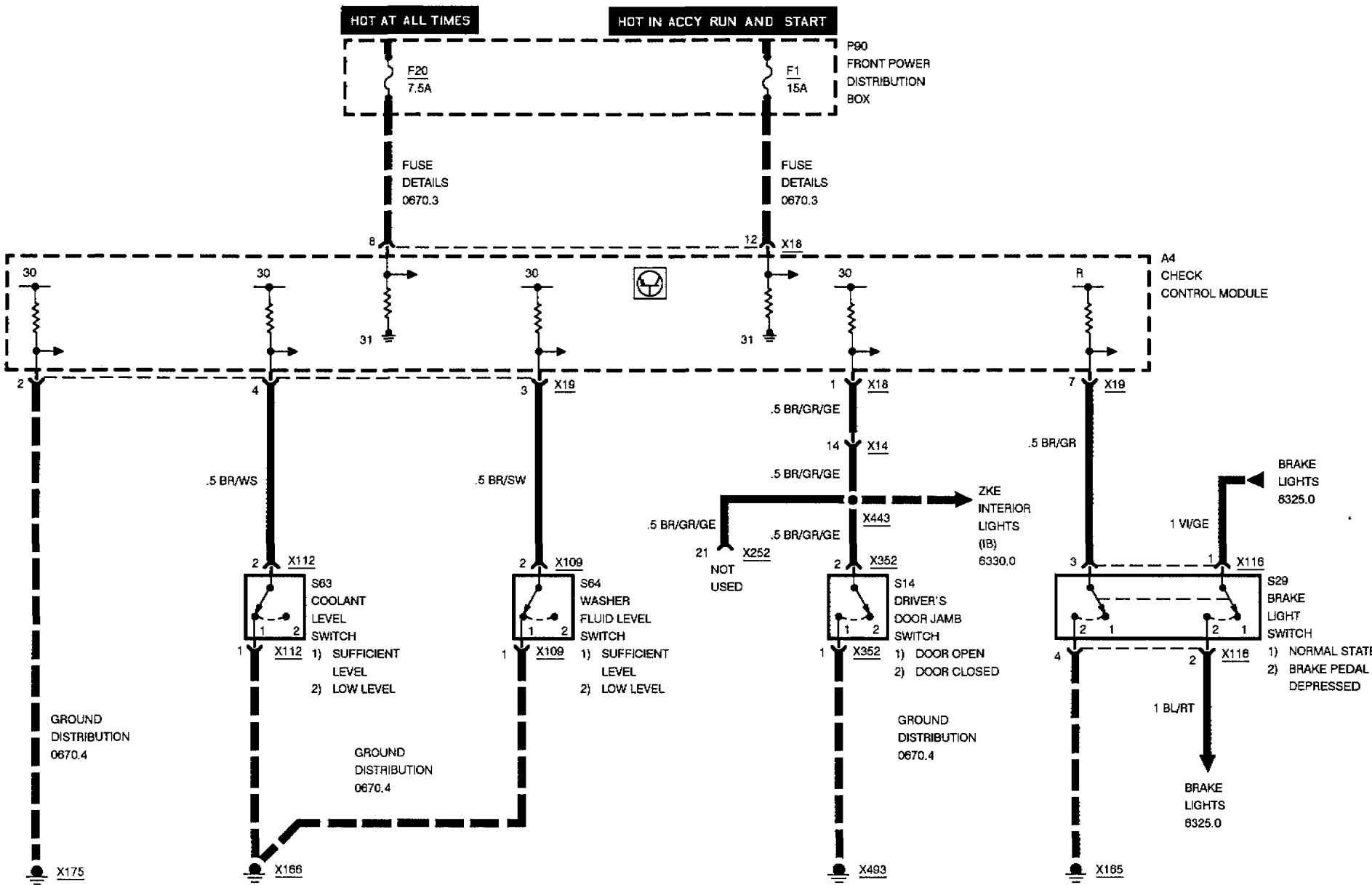
SPEED SIGNAL



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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

CHECK CONTROL

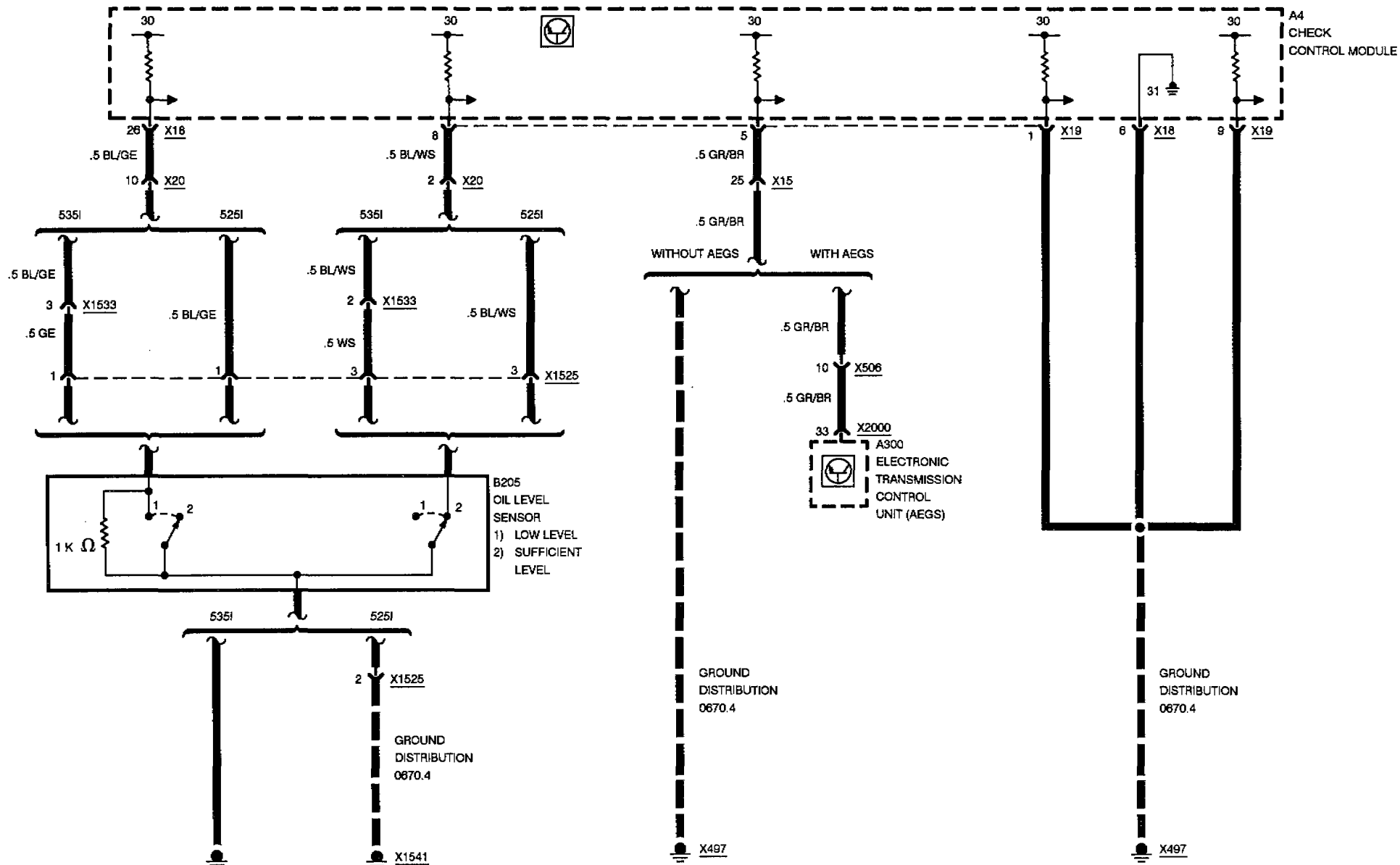


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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

525i, 535i

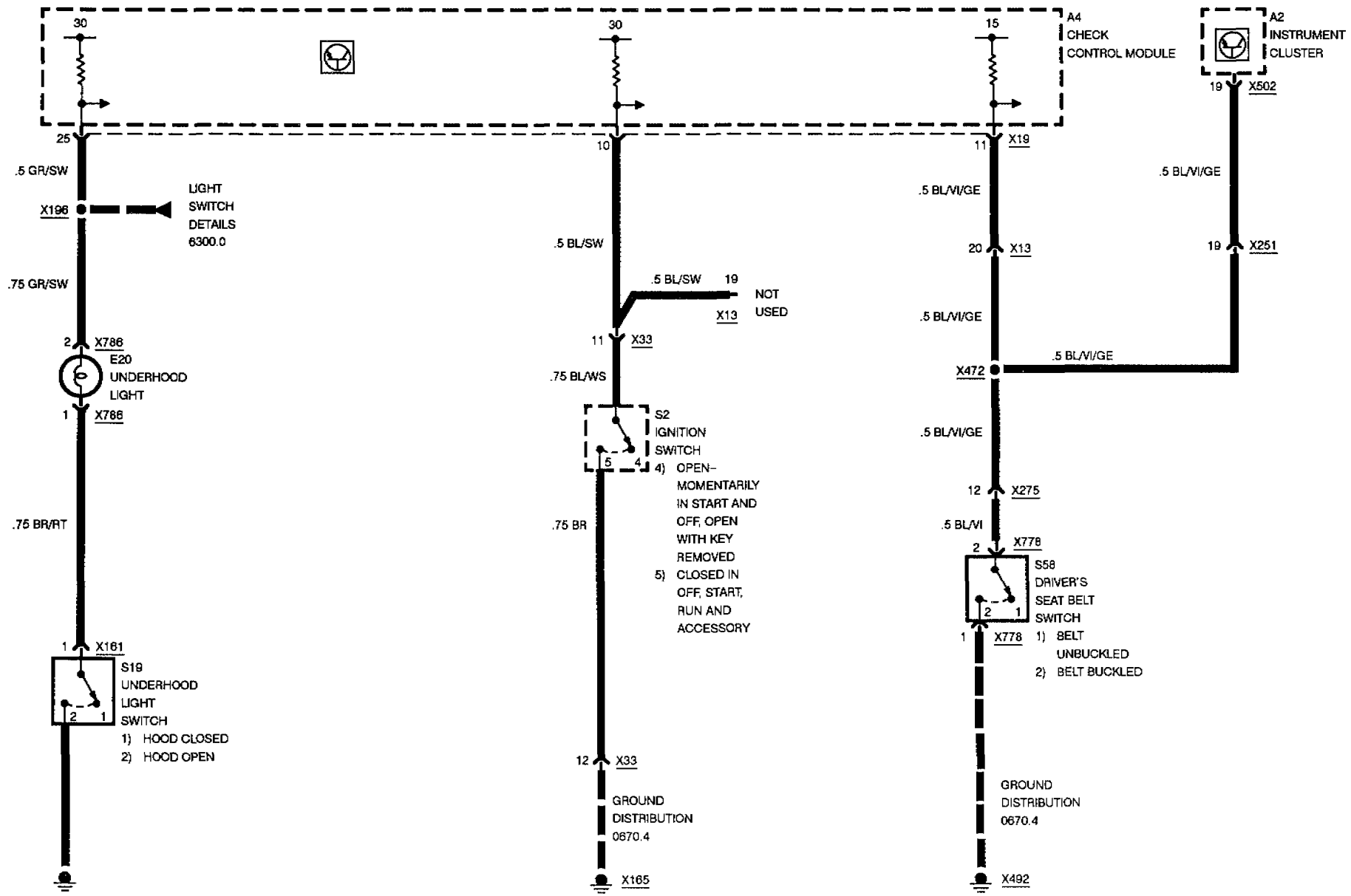
CHECK CONTROL



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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

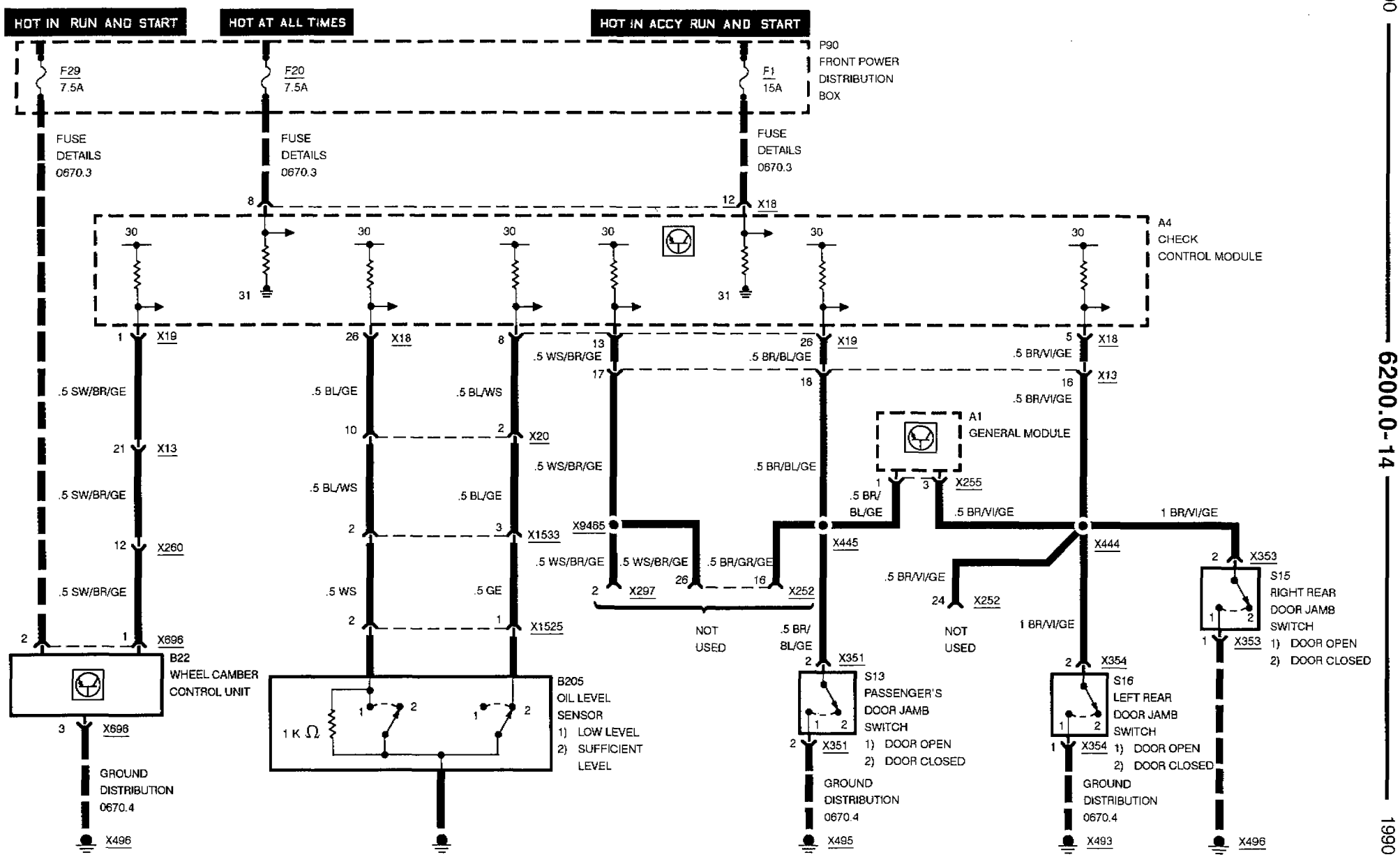
CHECK CONTROL



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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

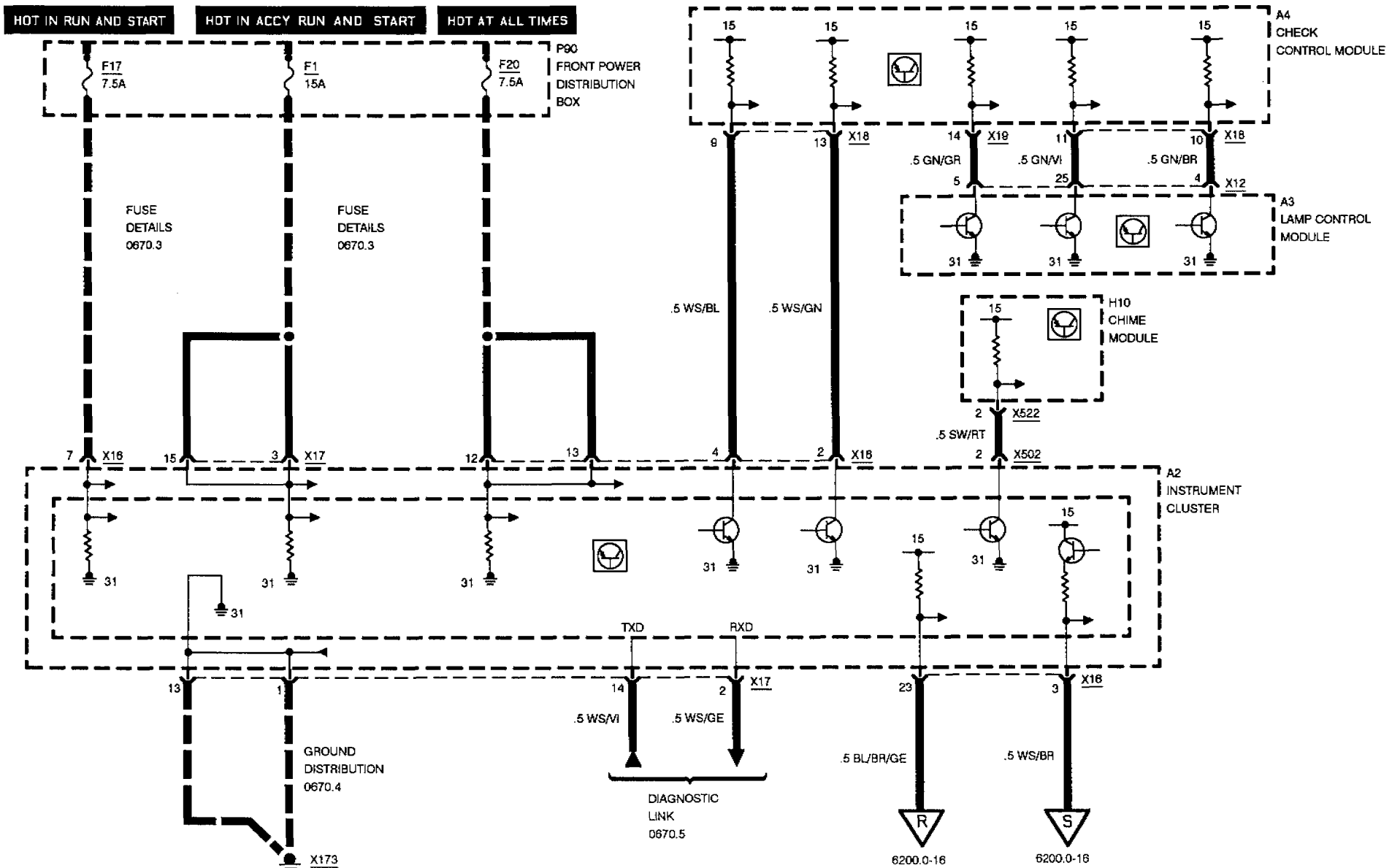
CHECK CONTROL



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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

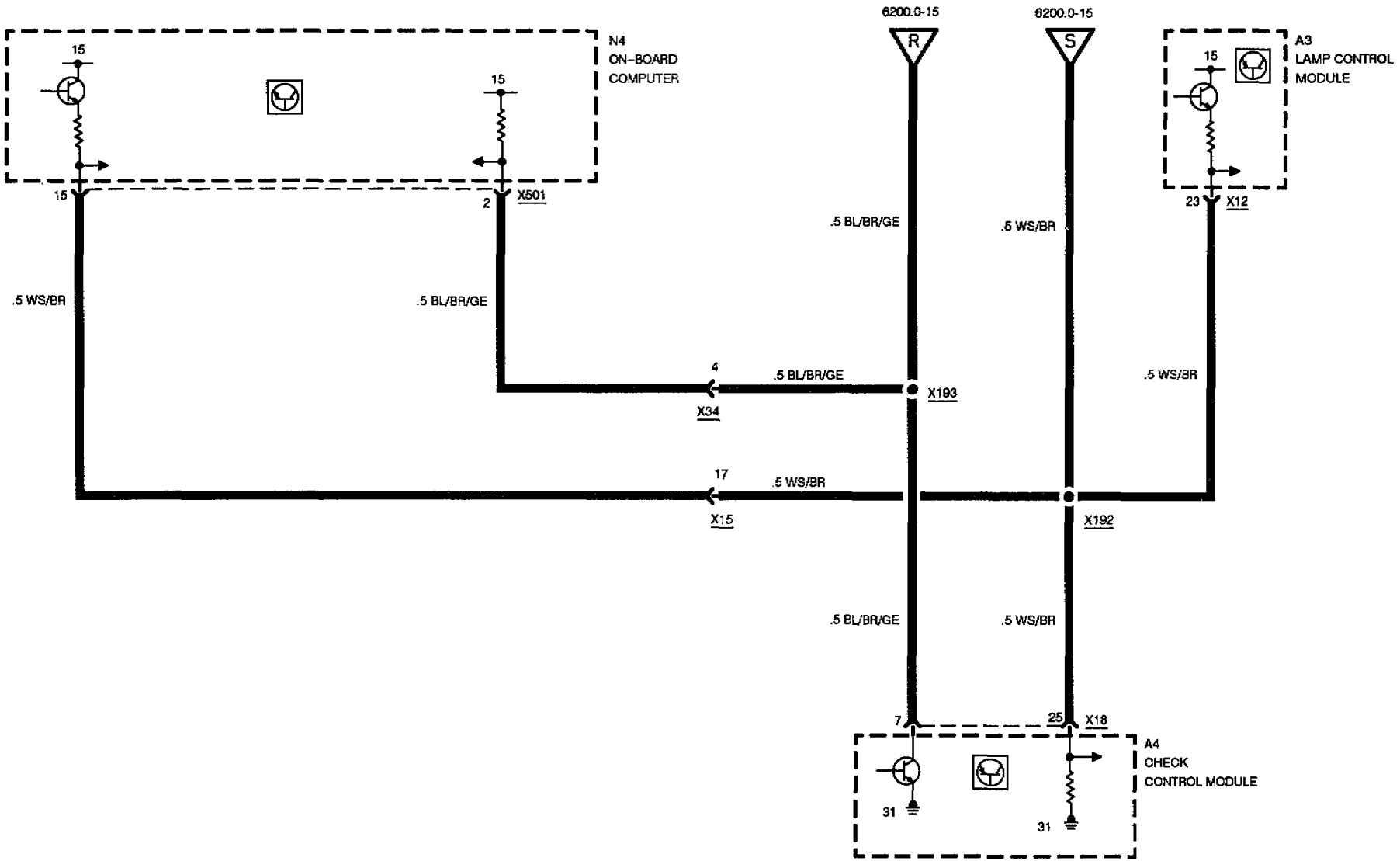
DATA LINK



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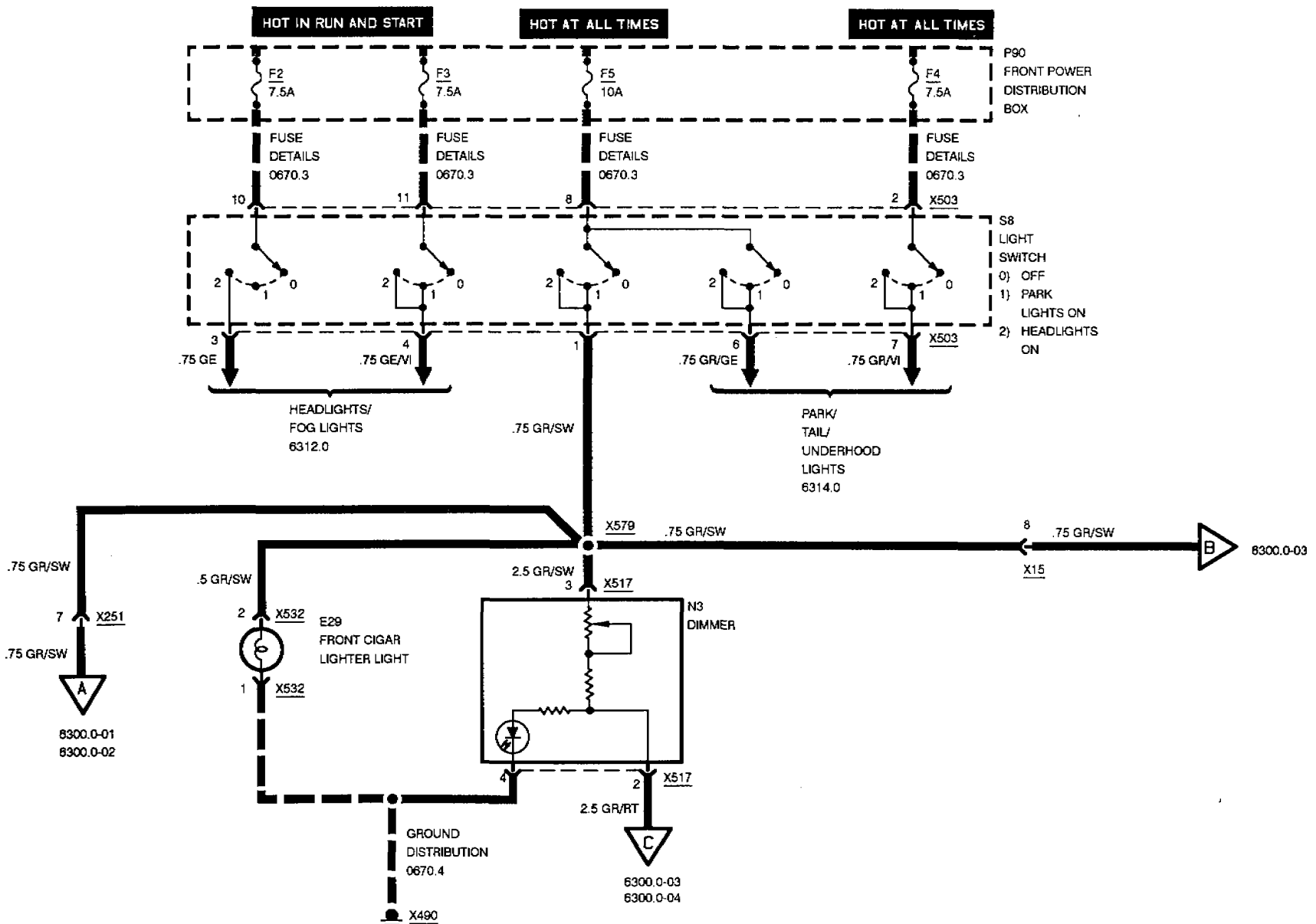
INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

DATA LINK



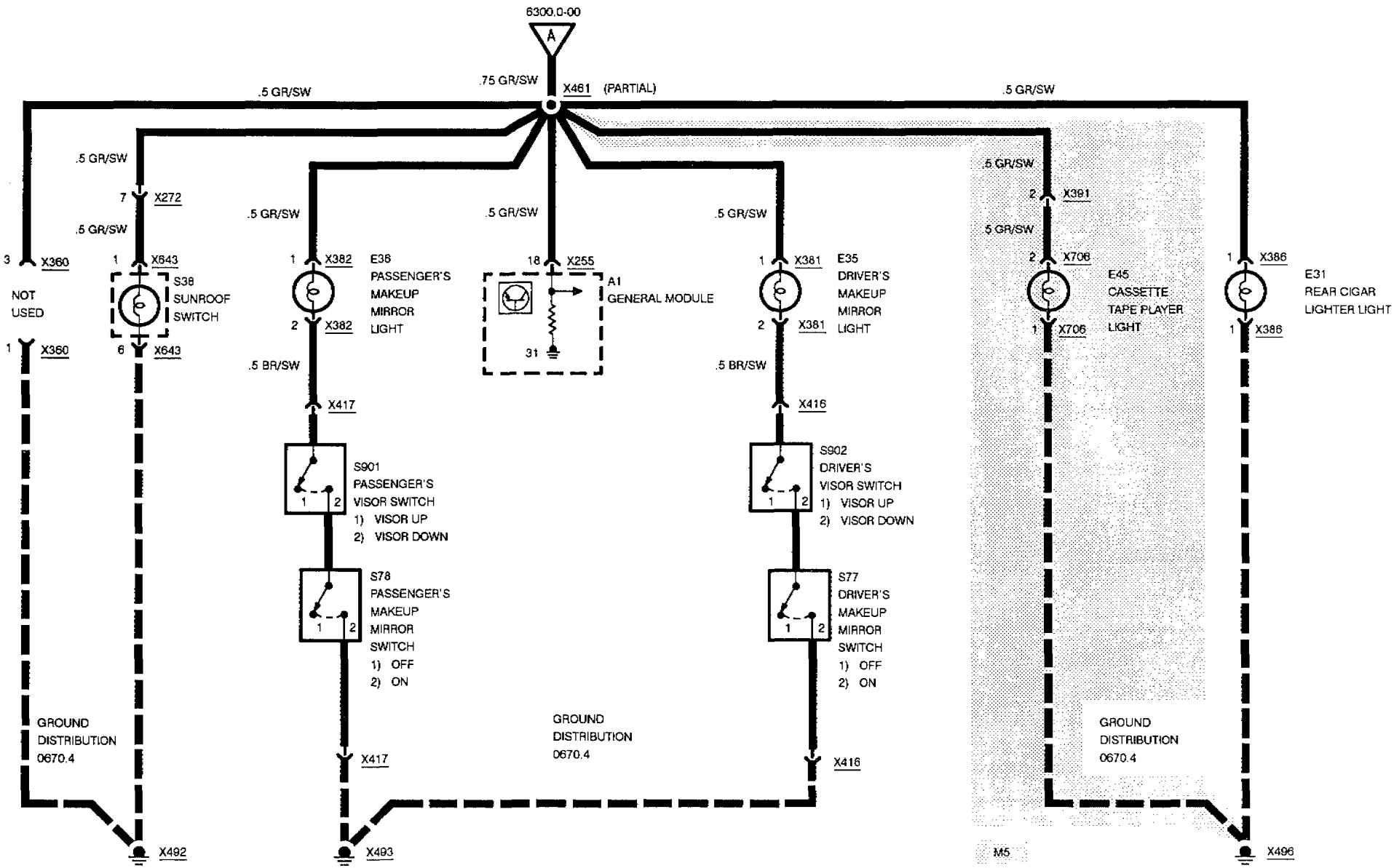
cardiagn.com

LIGHT SWITCH DETAILS



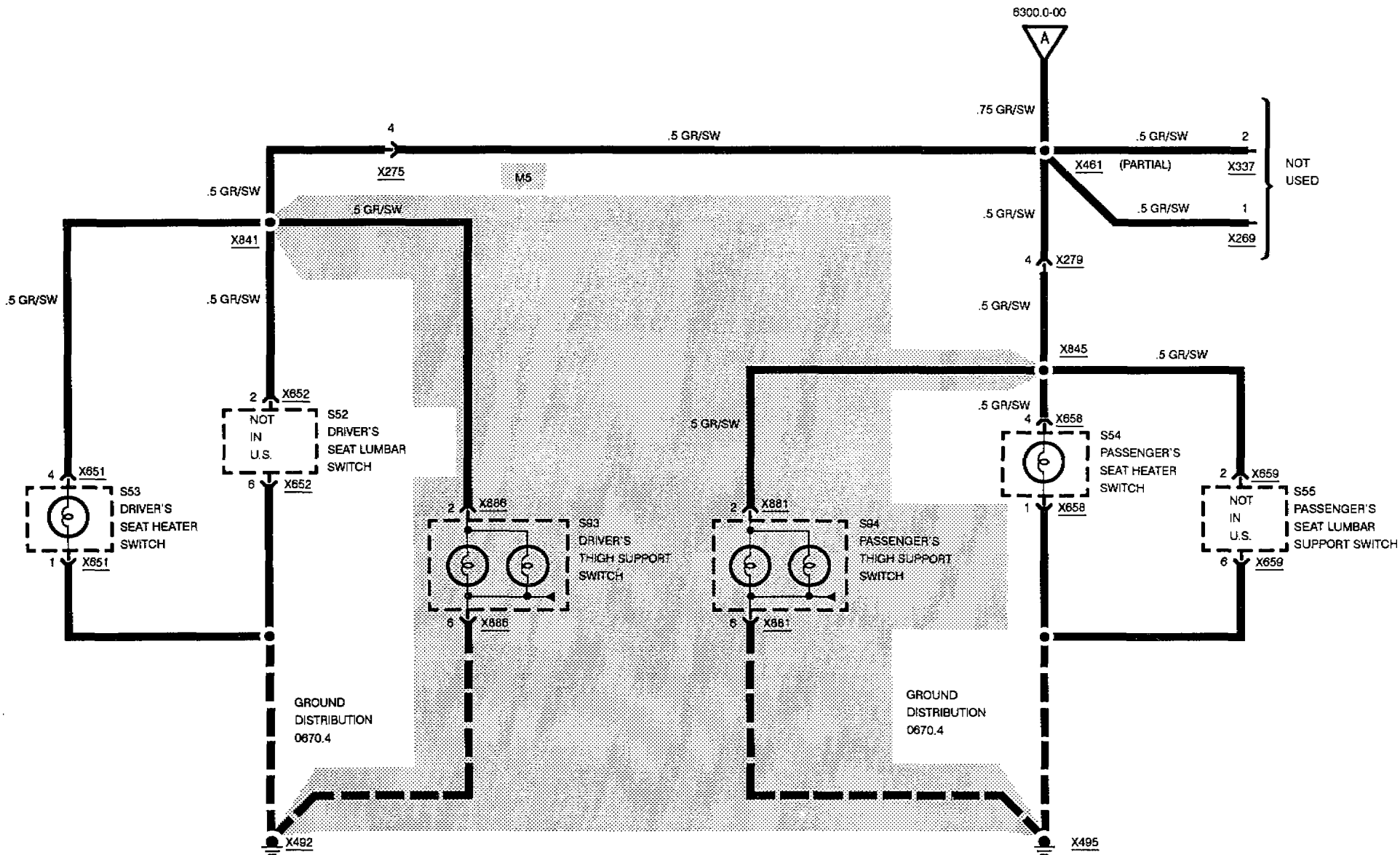
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LIGHT SWITCH DETAILS



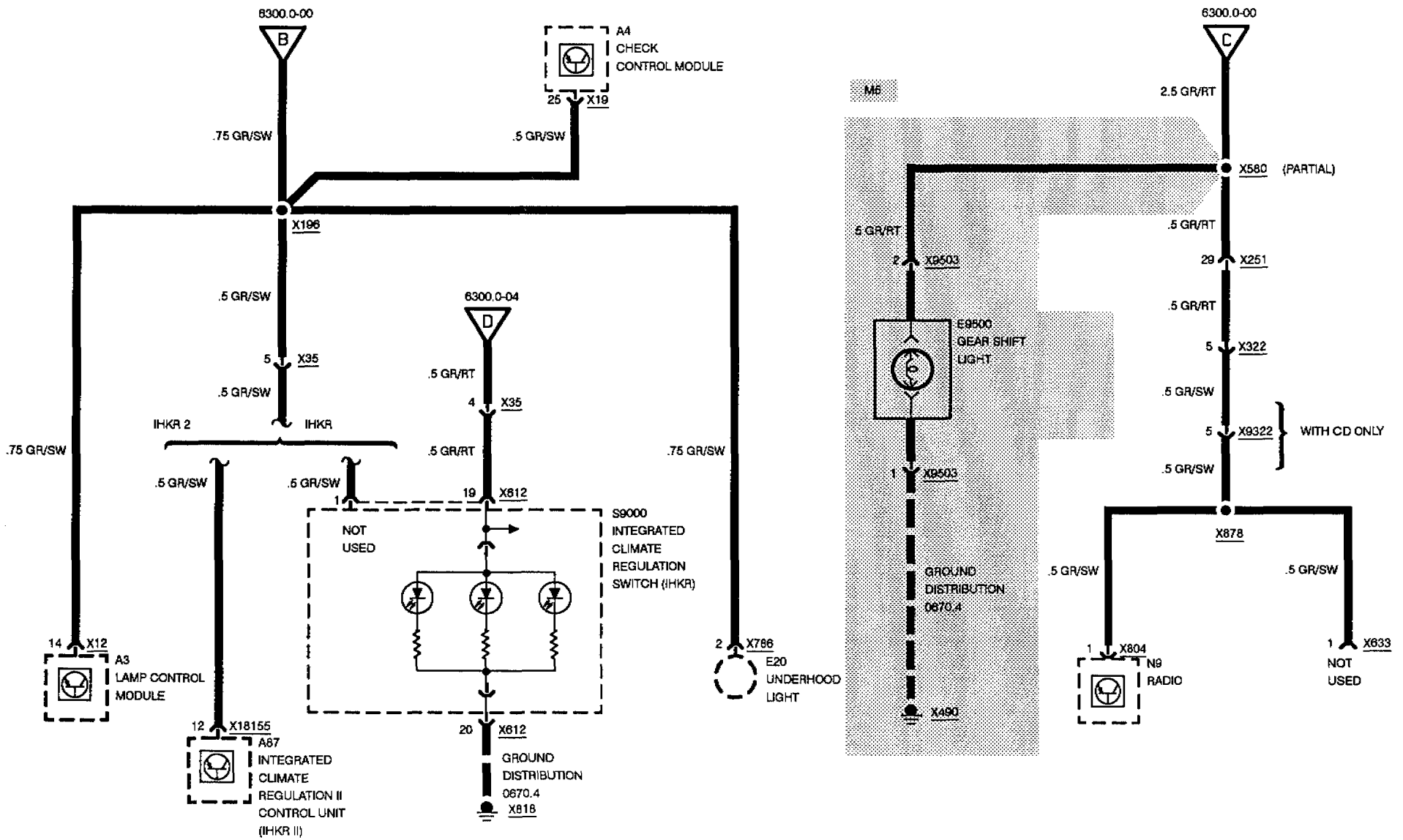
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LIGHT SWITCH DETAILS



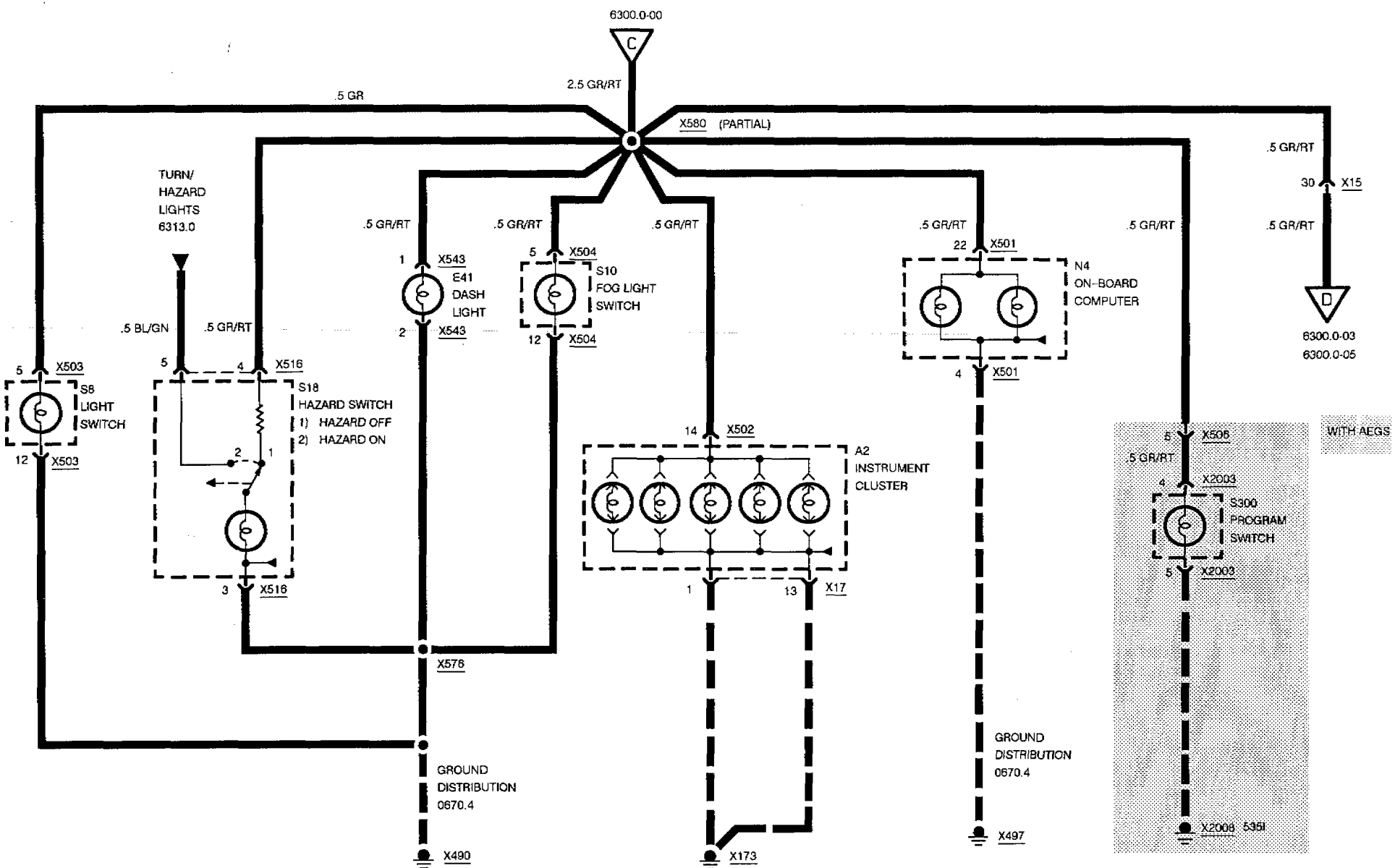
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LIGHT SWITCH DETAILS



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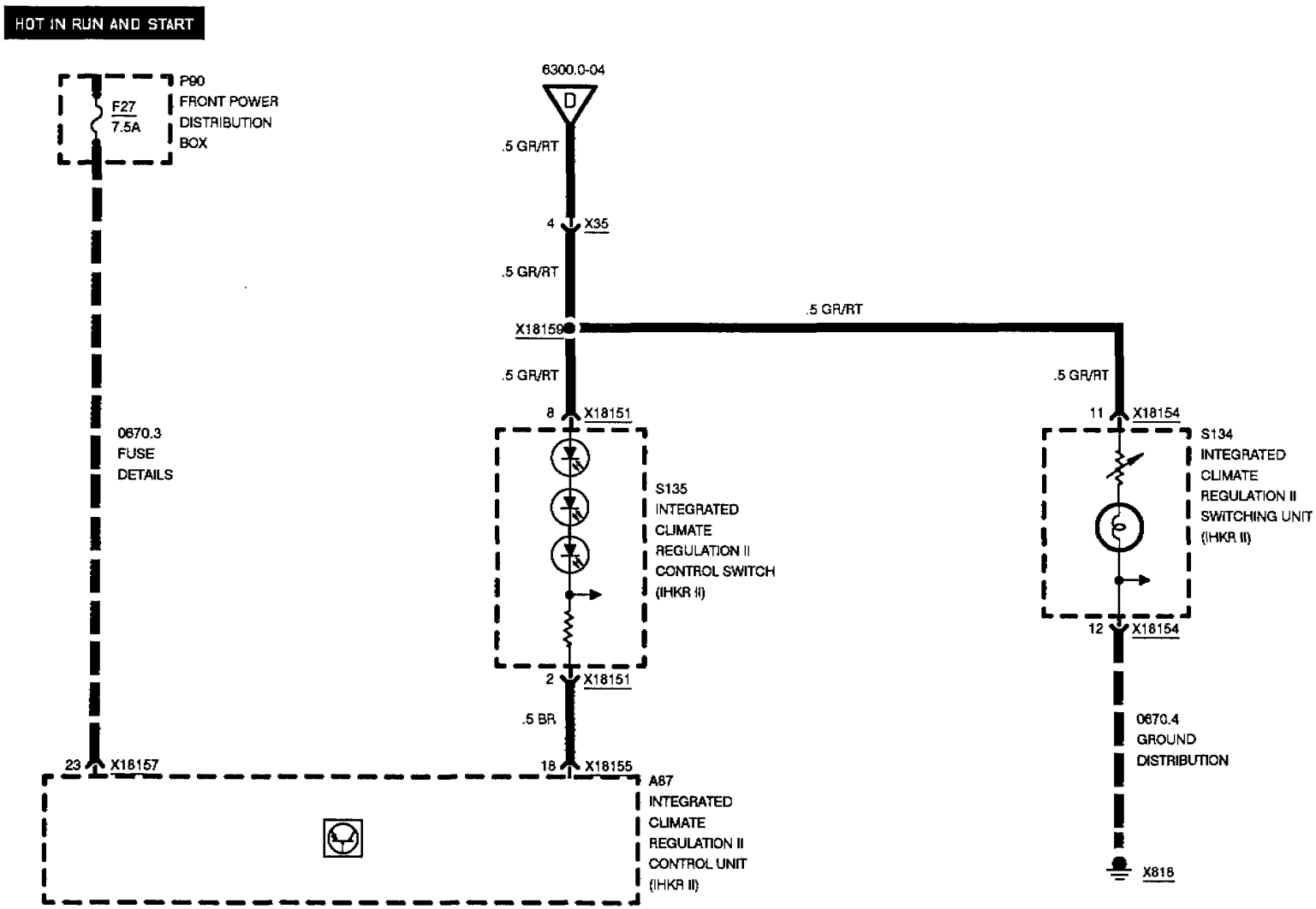
LIGHT SWITCH DETAILS



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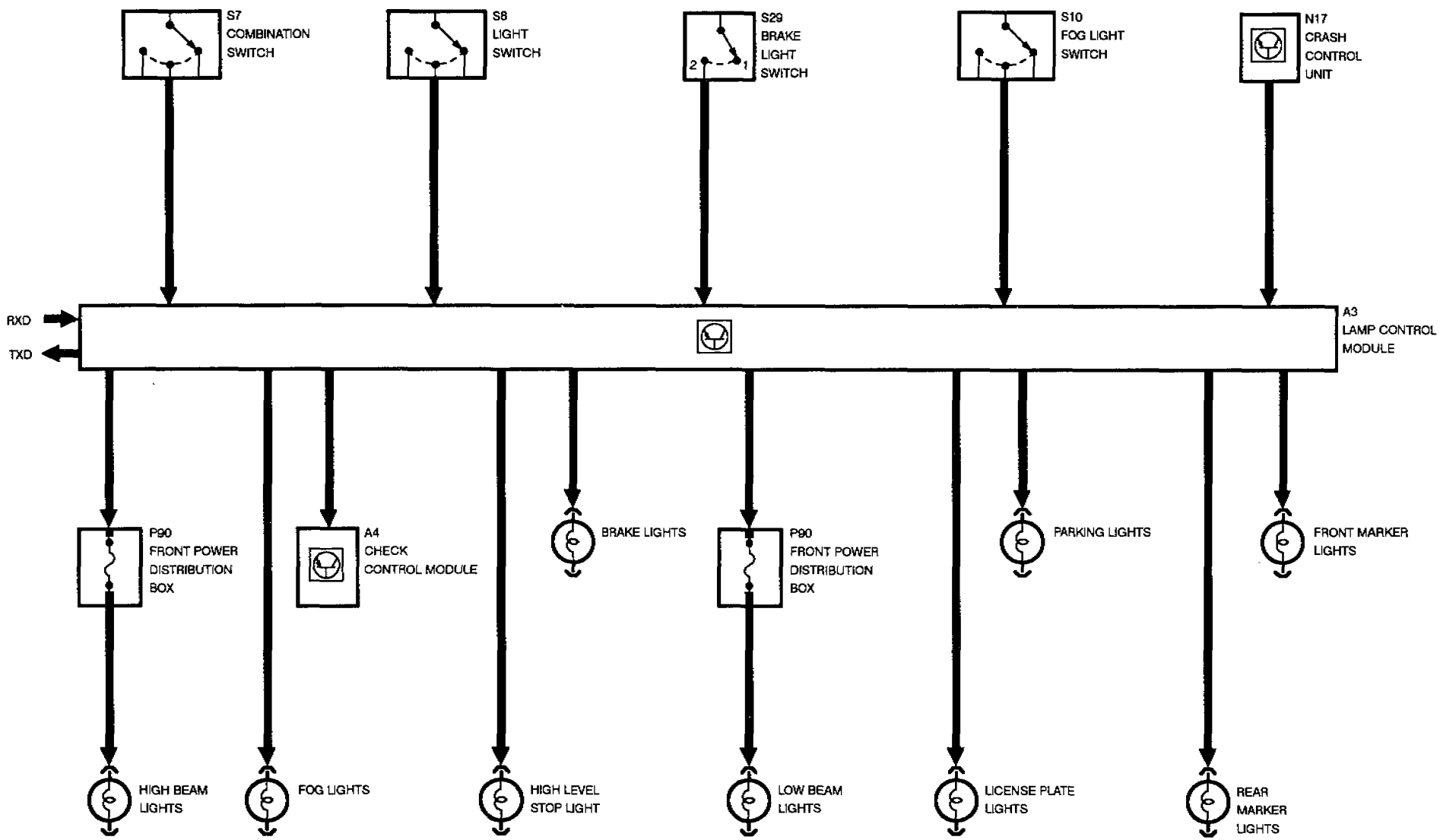
LIGHT SWITCH DETAILS

IHKR 2



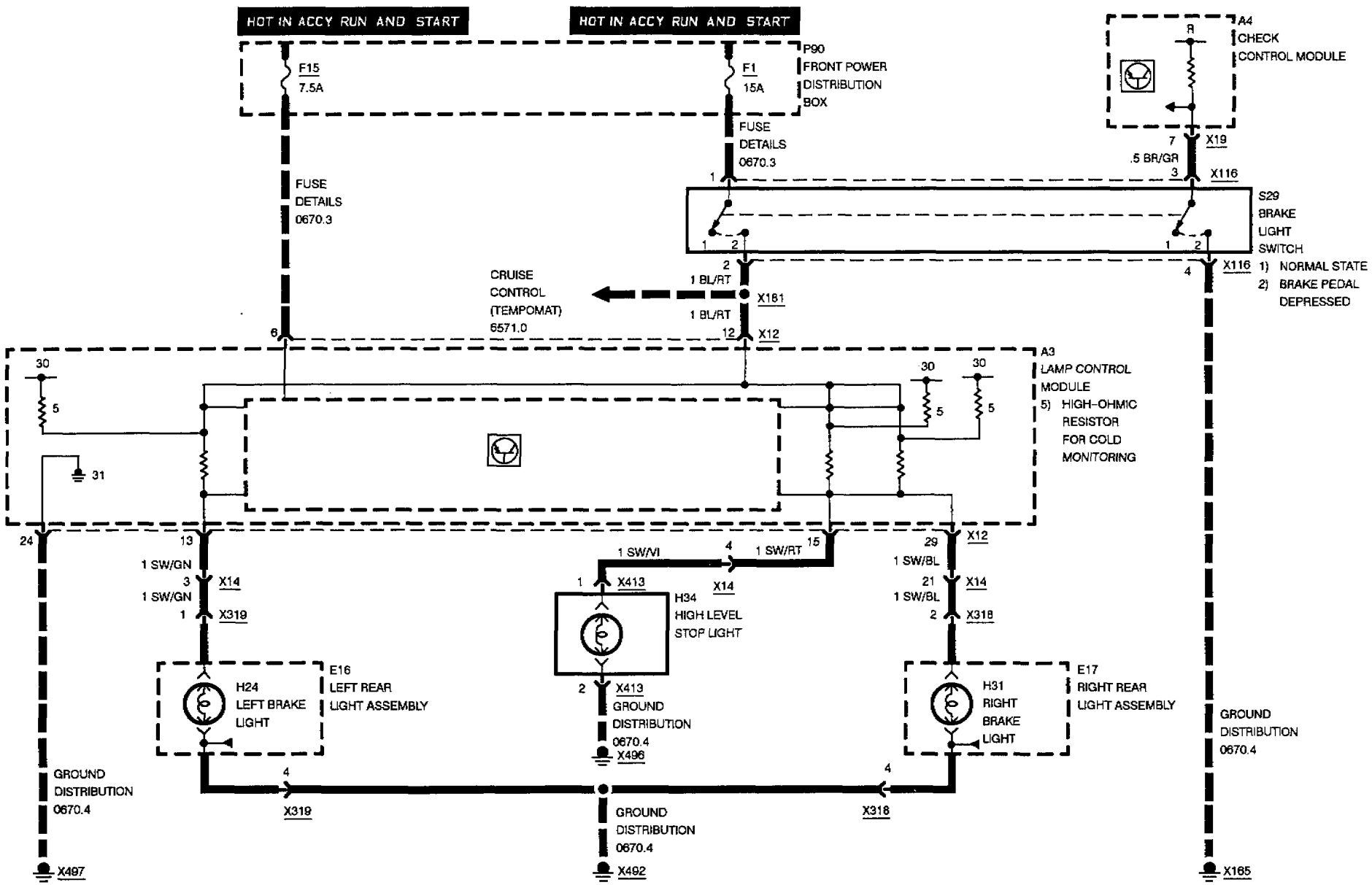
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LAMP MONITOR (LKM)



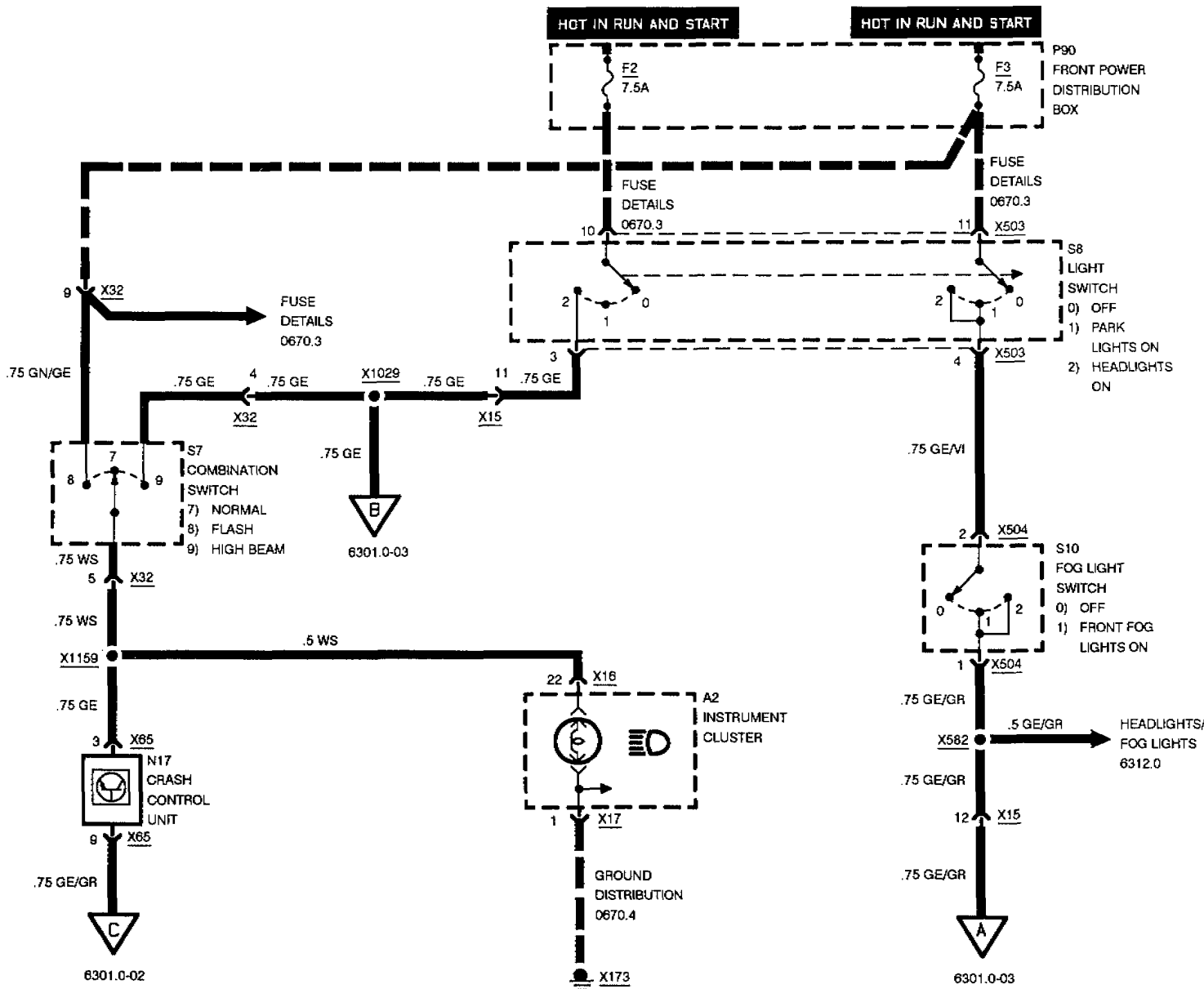
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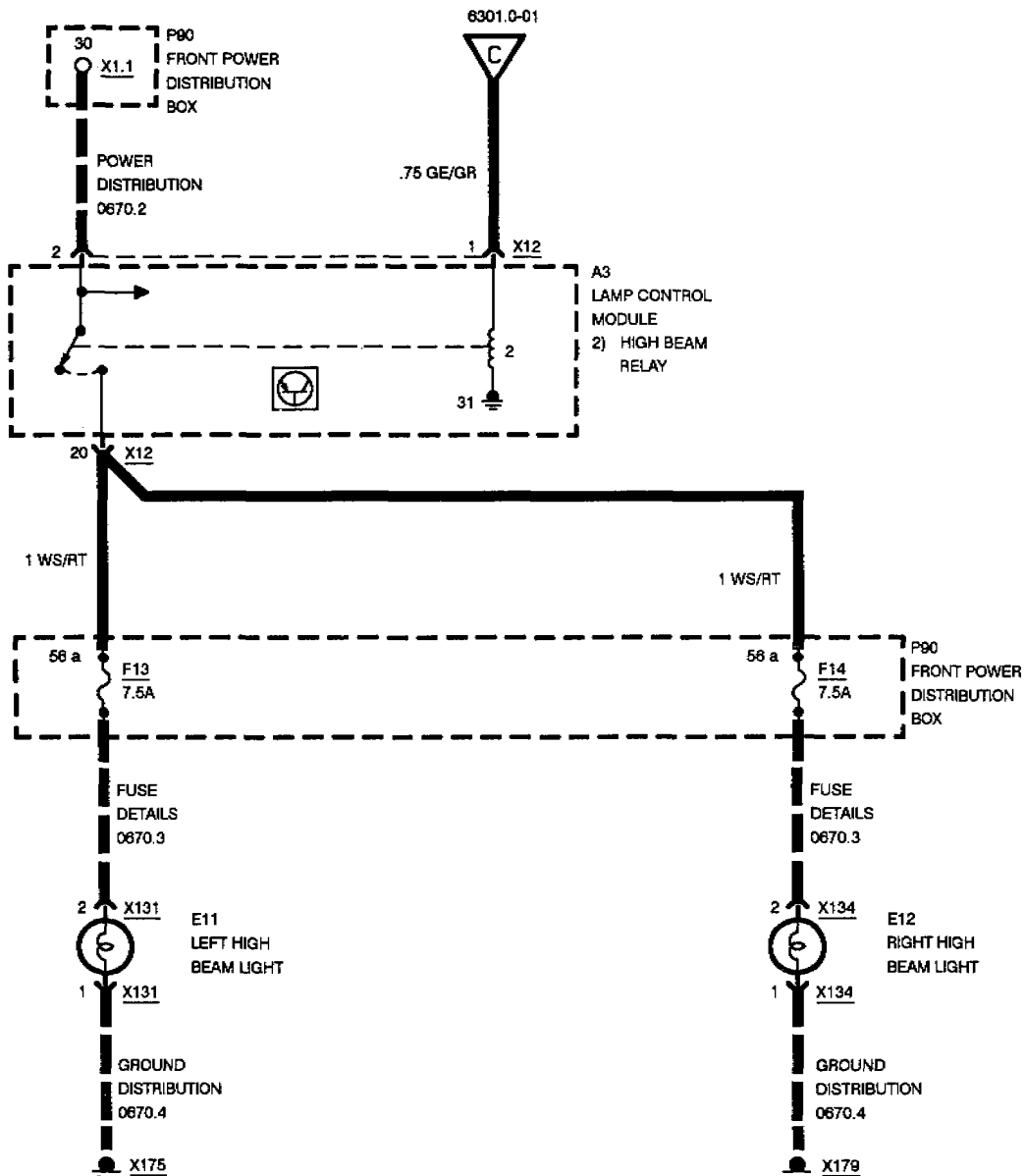
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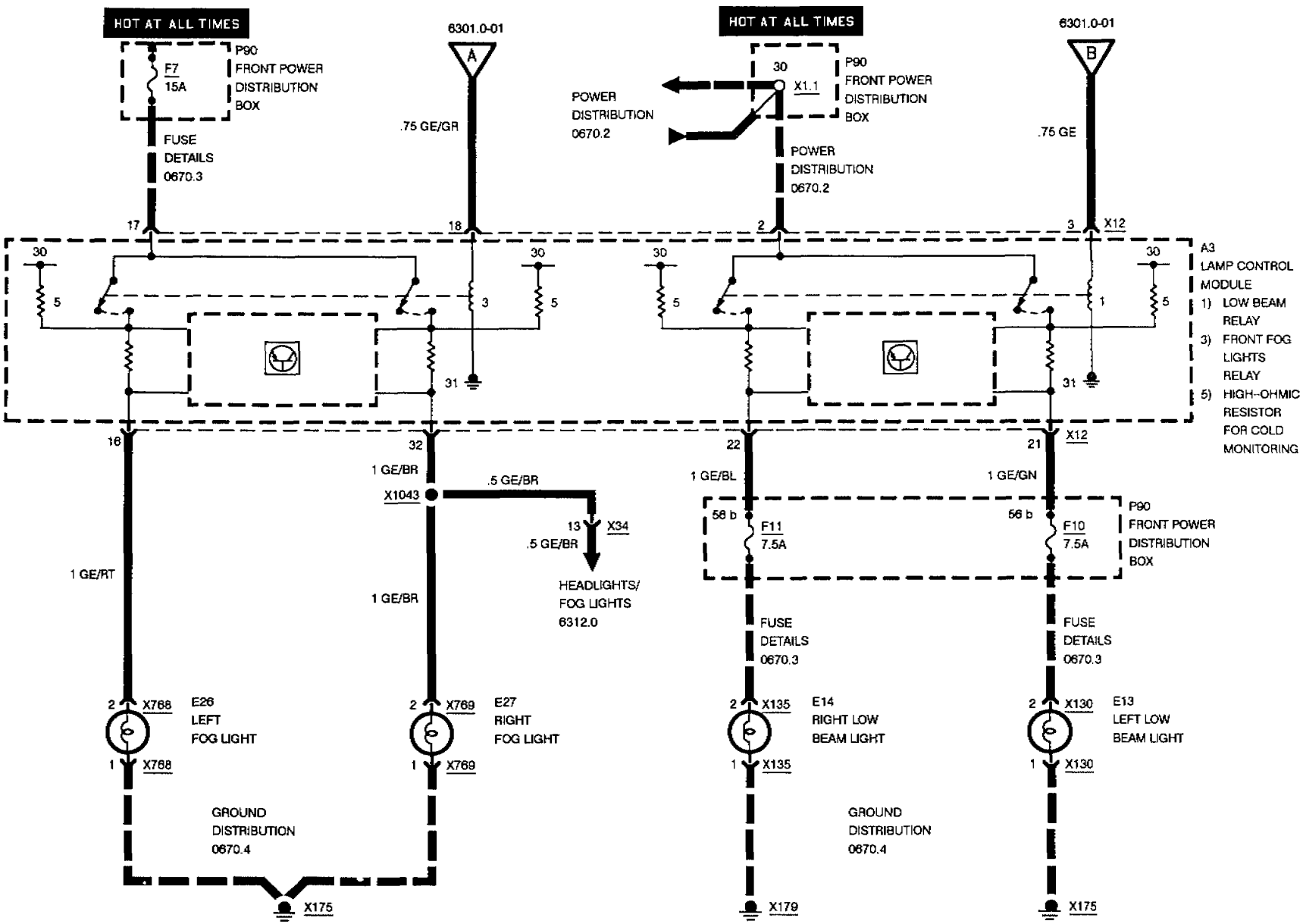
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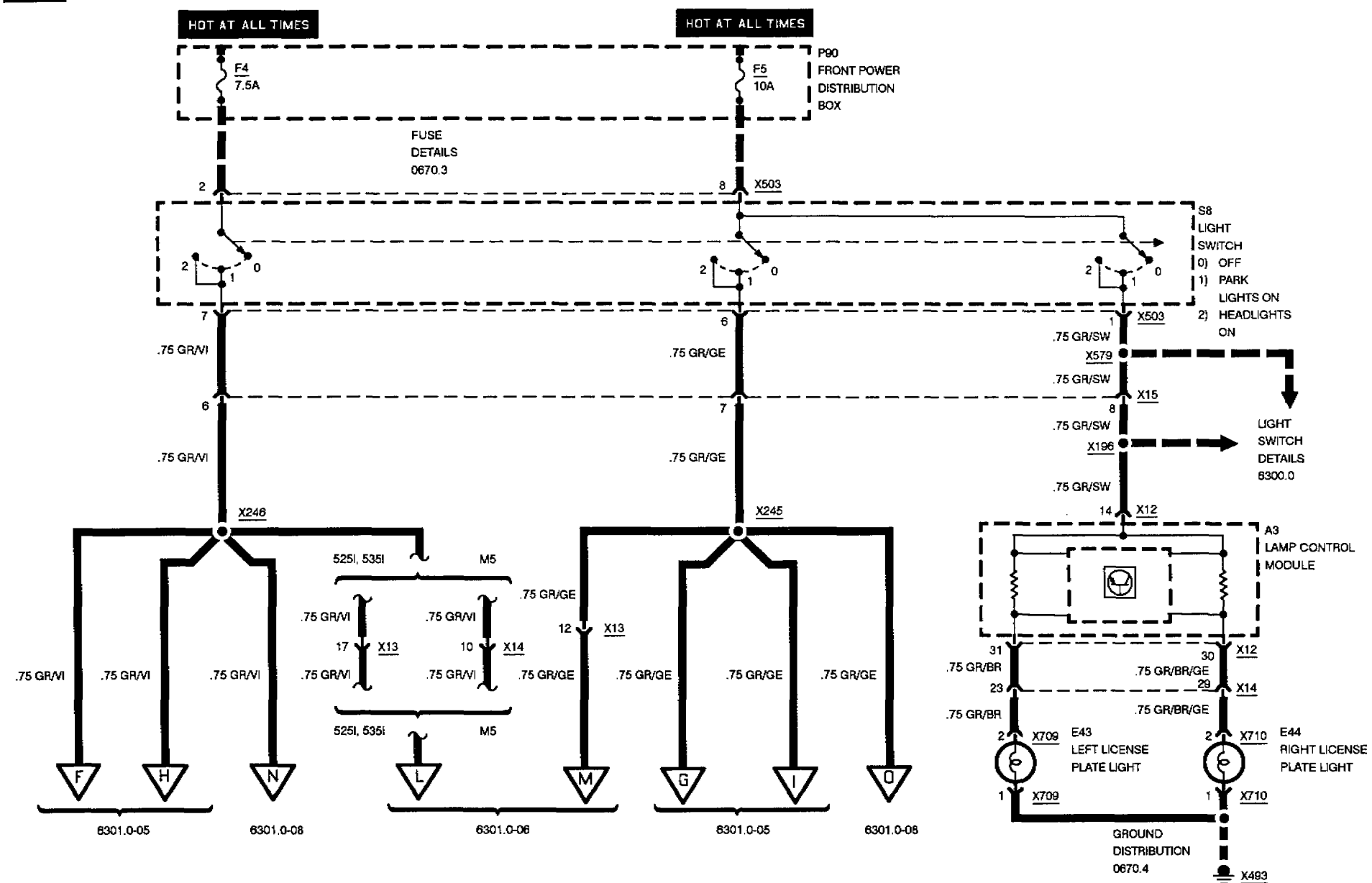
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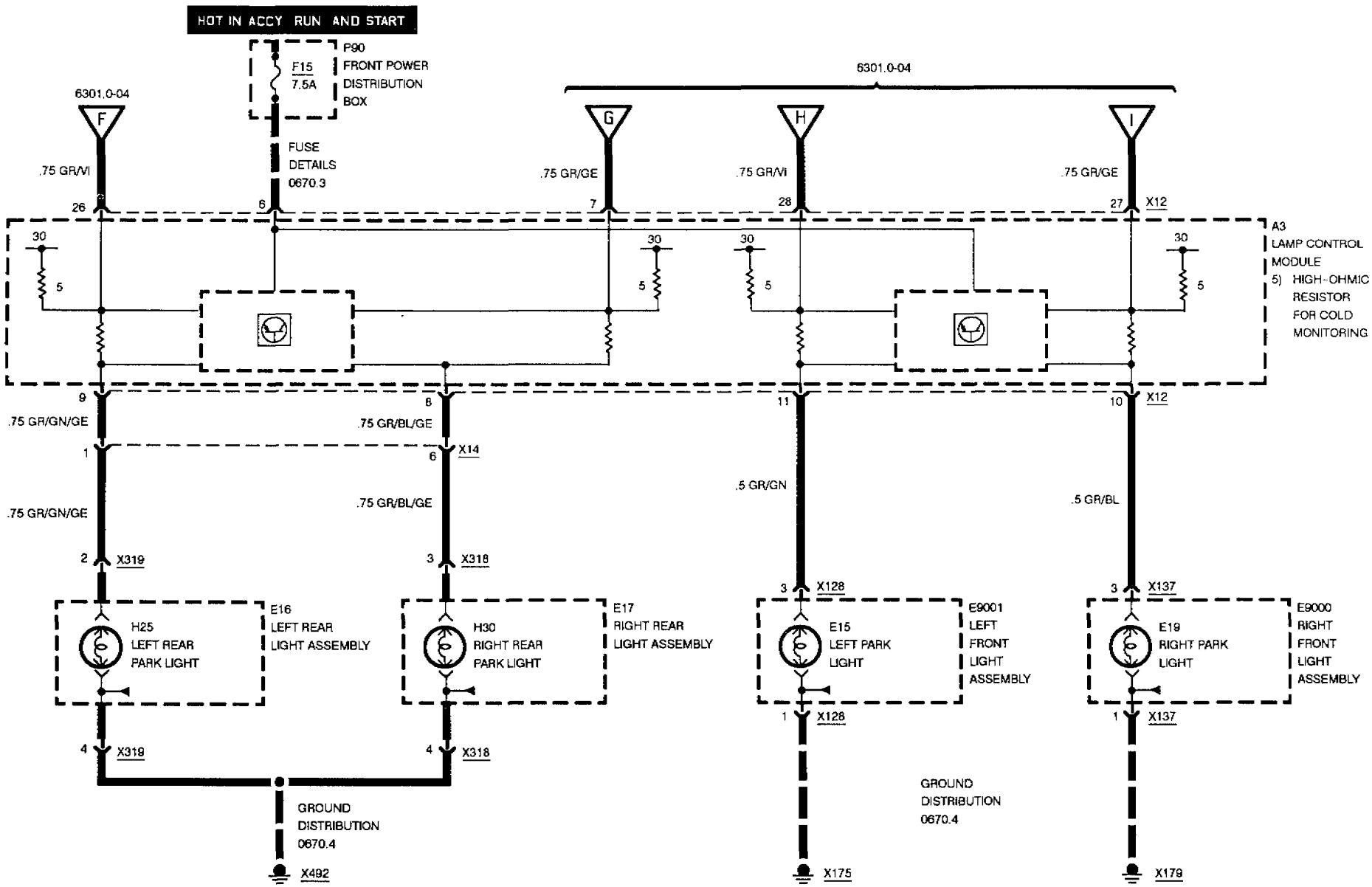
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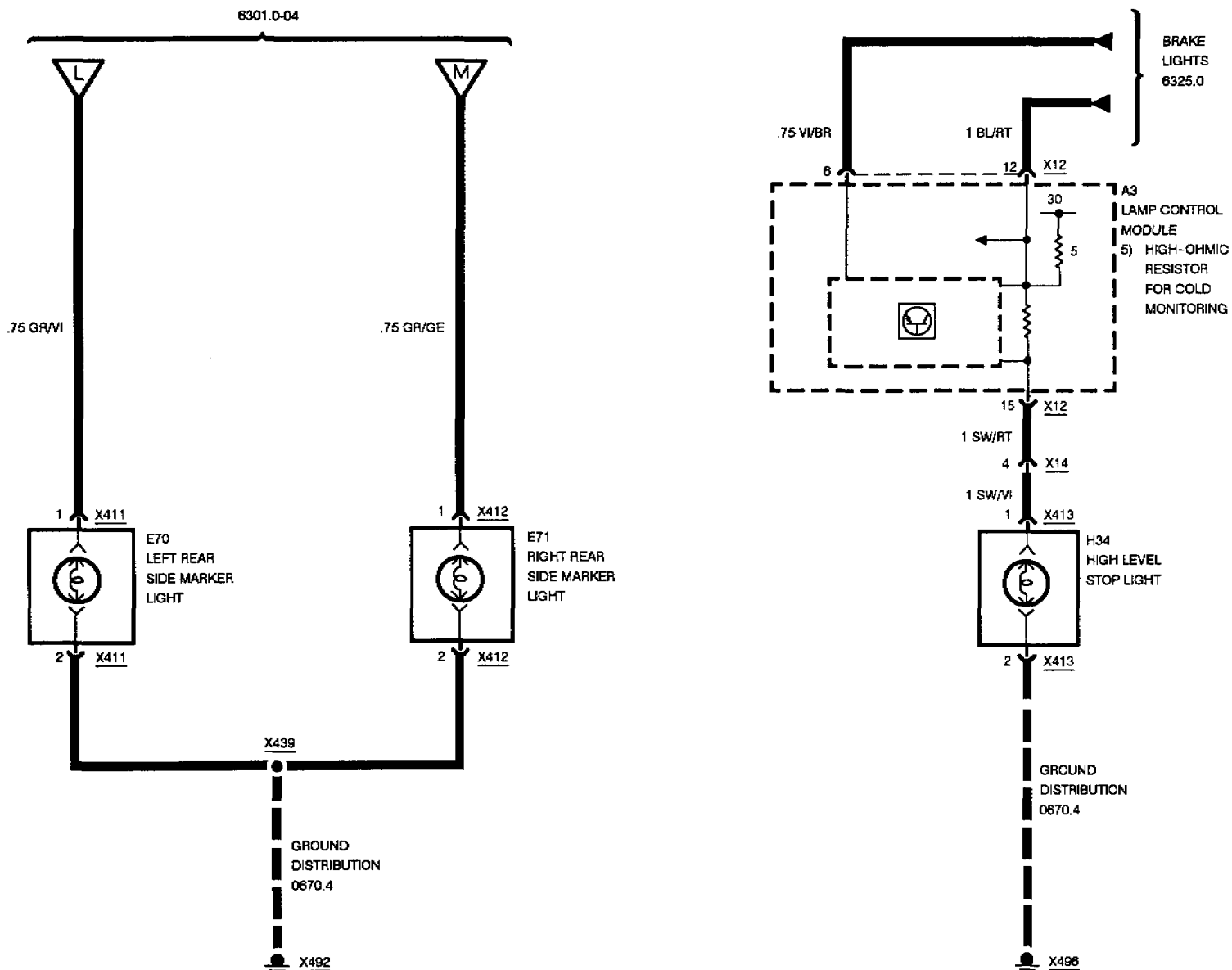
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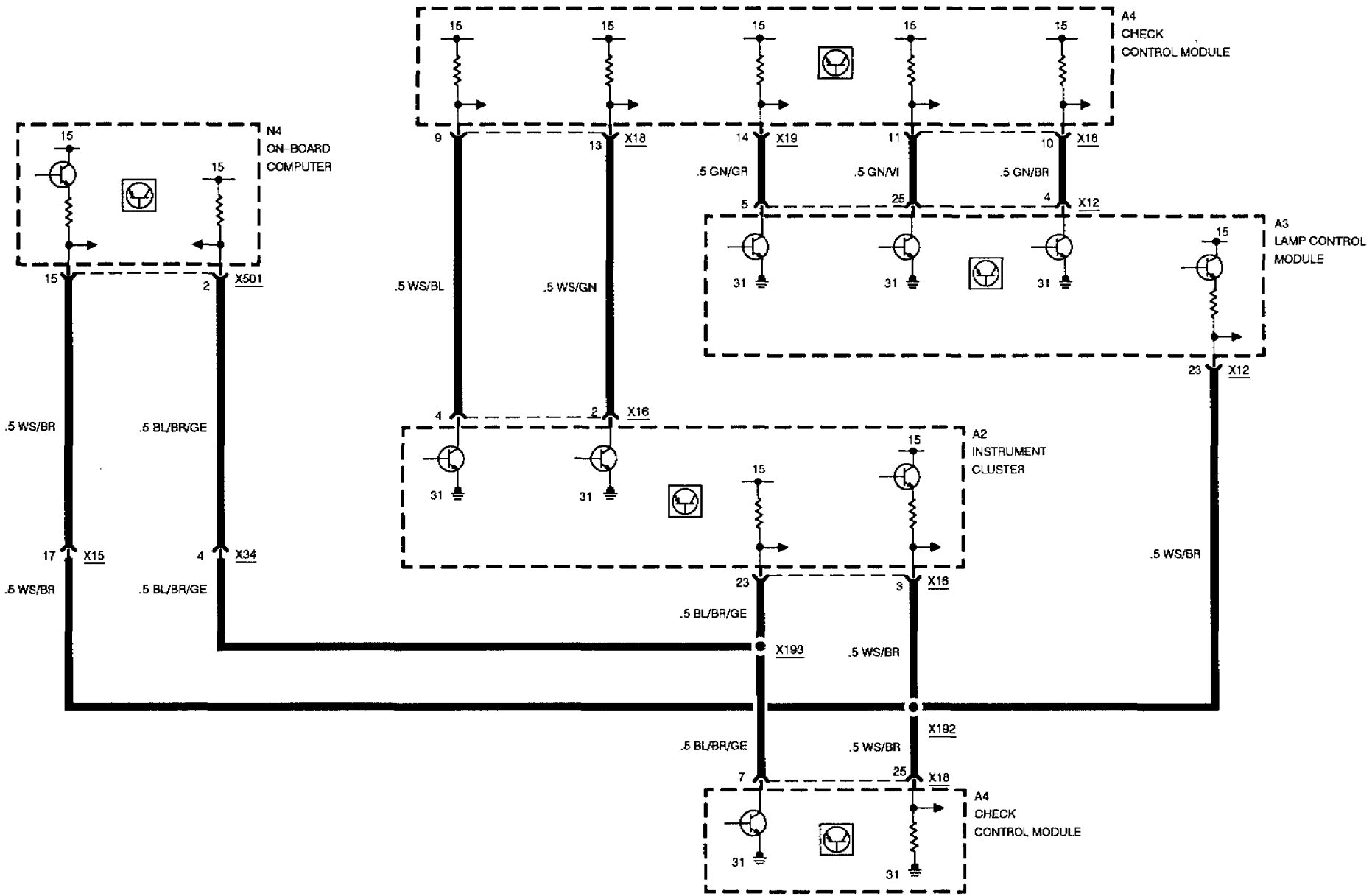
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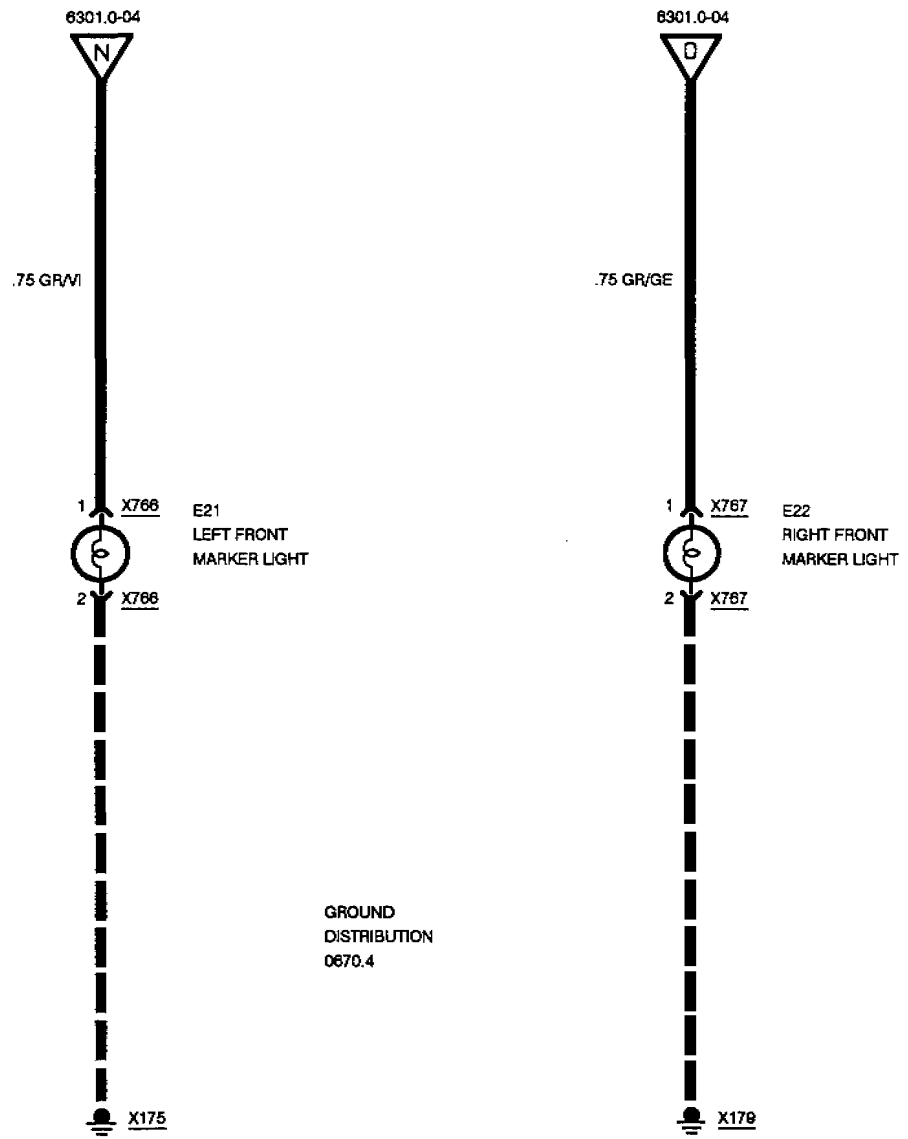
carDiagn.com

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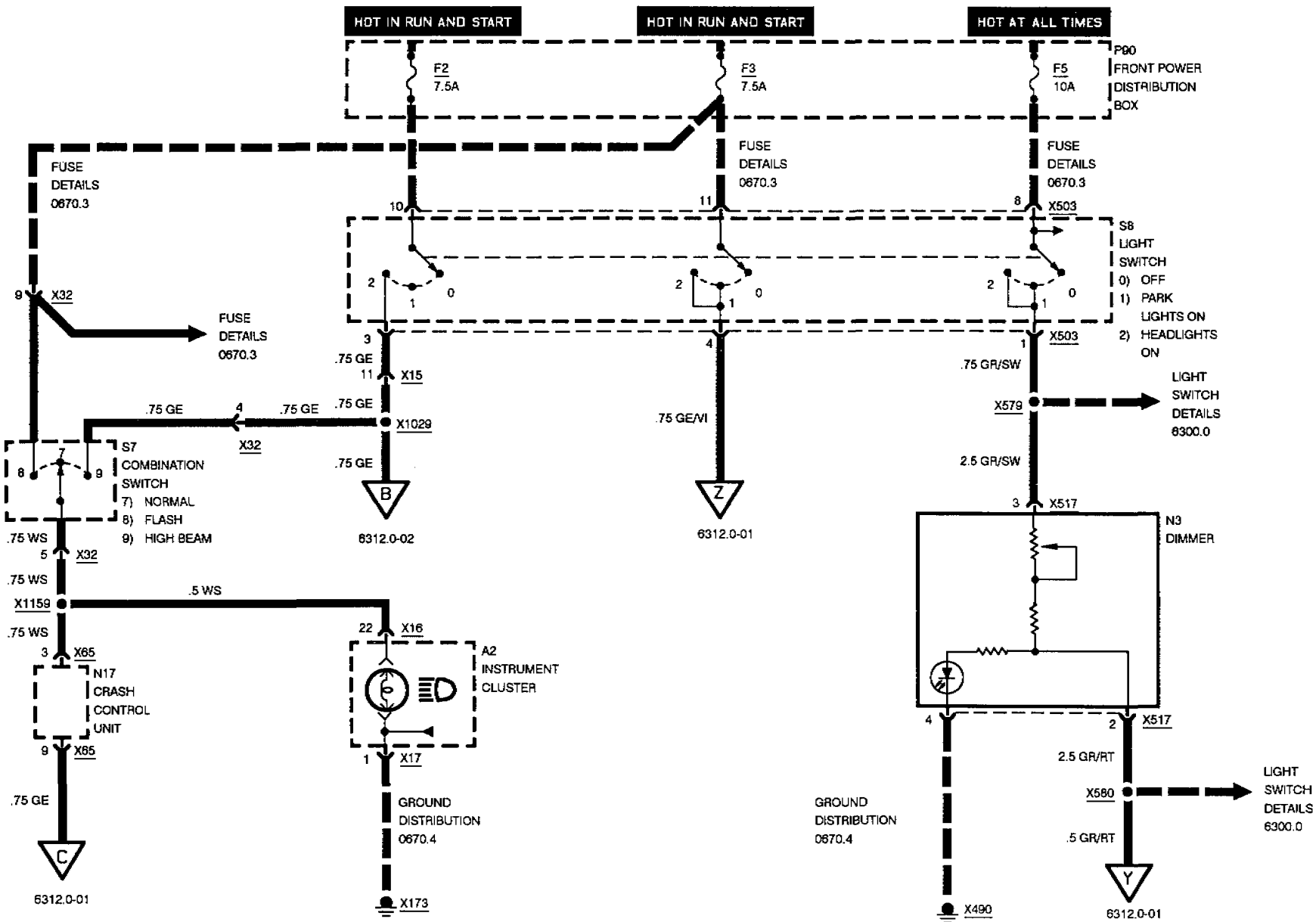
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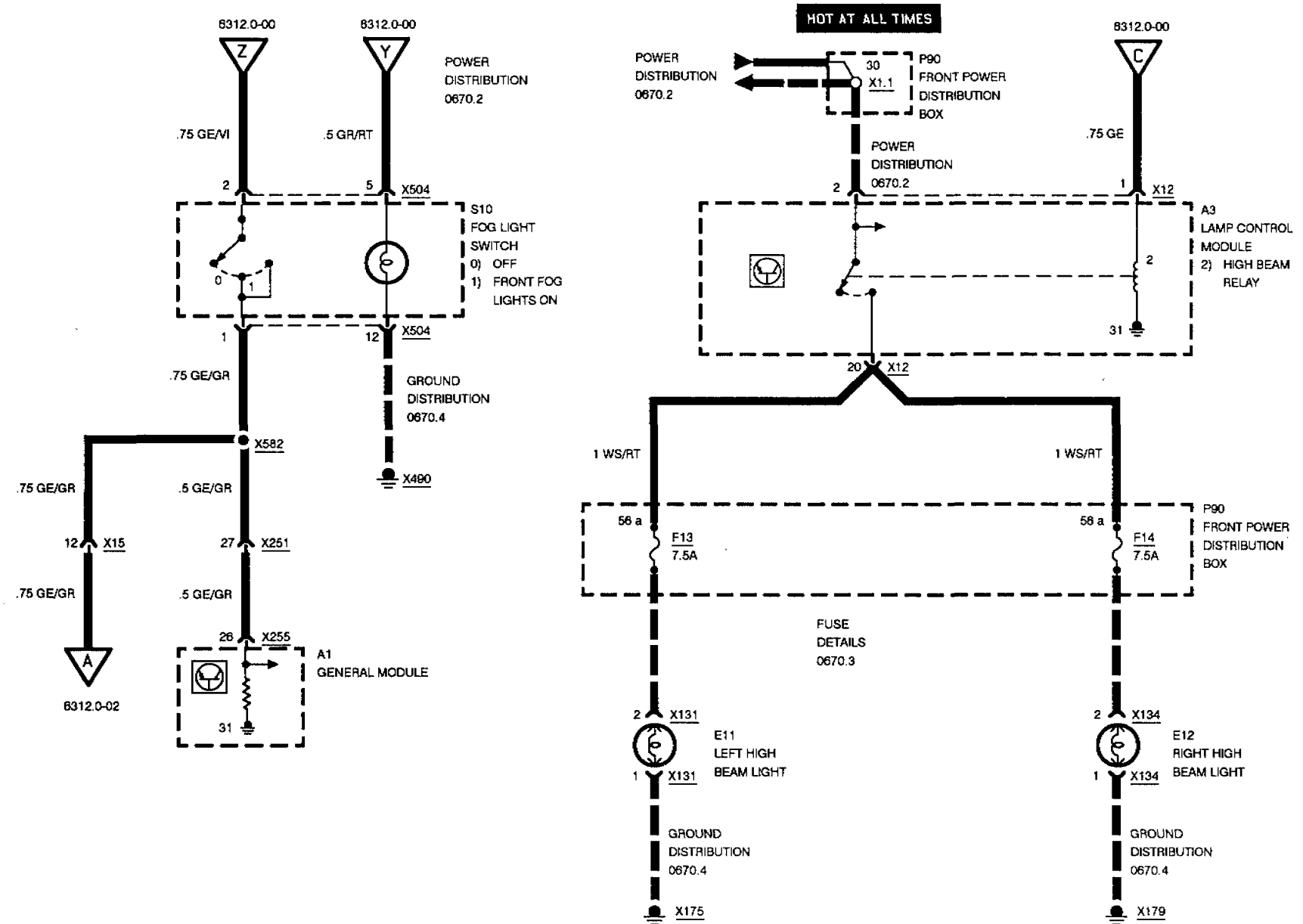
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HEADLIGHTS/ FOG LIGHTS



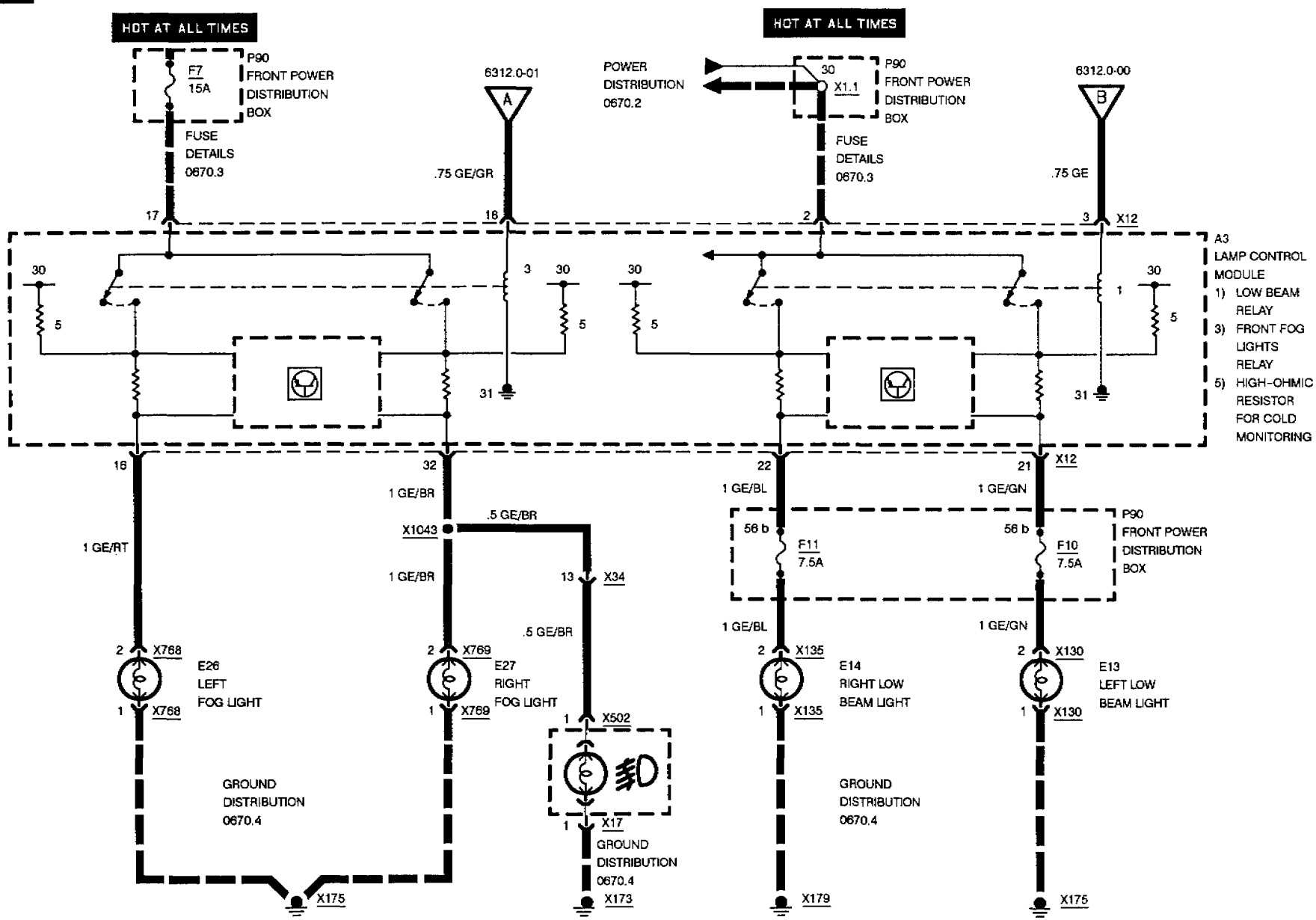
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HEADLIGHTS/ FOG LIGHTS



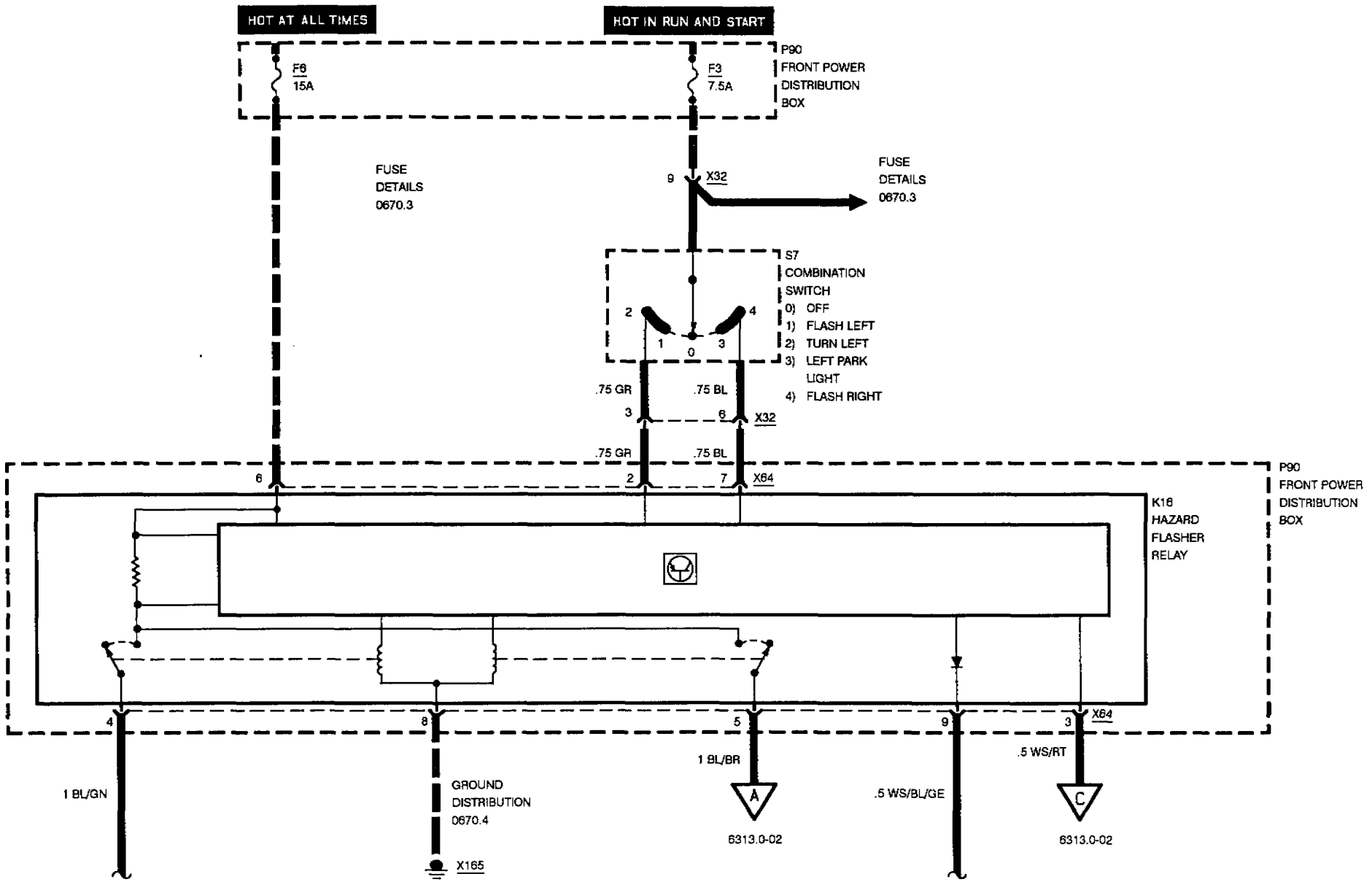
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HEADLIGHTS/ FOG LIGHTS

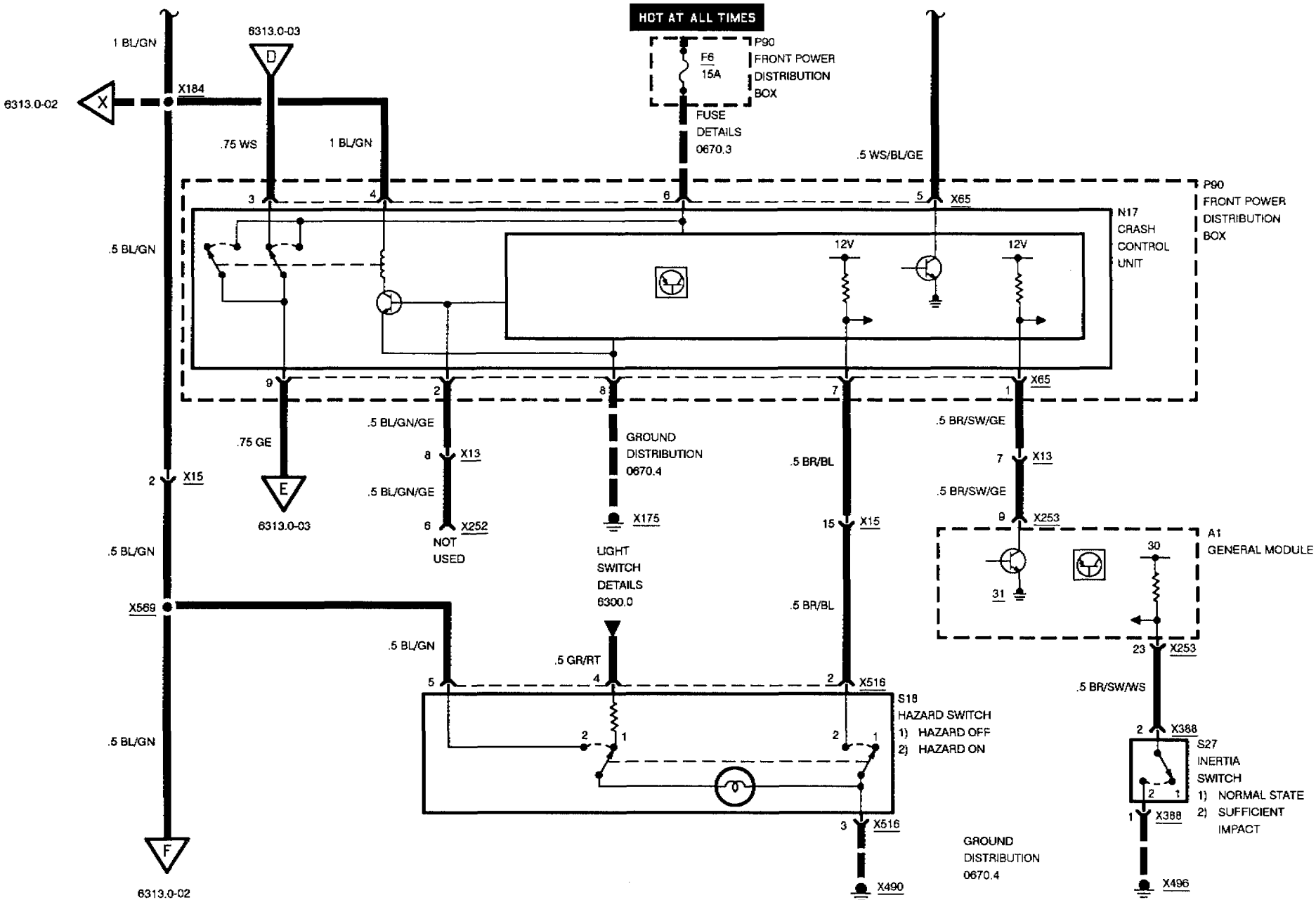


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TURN/ HAZARD LIGHTS

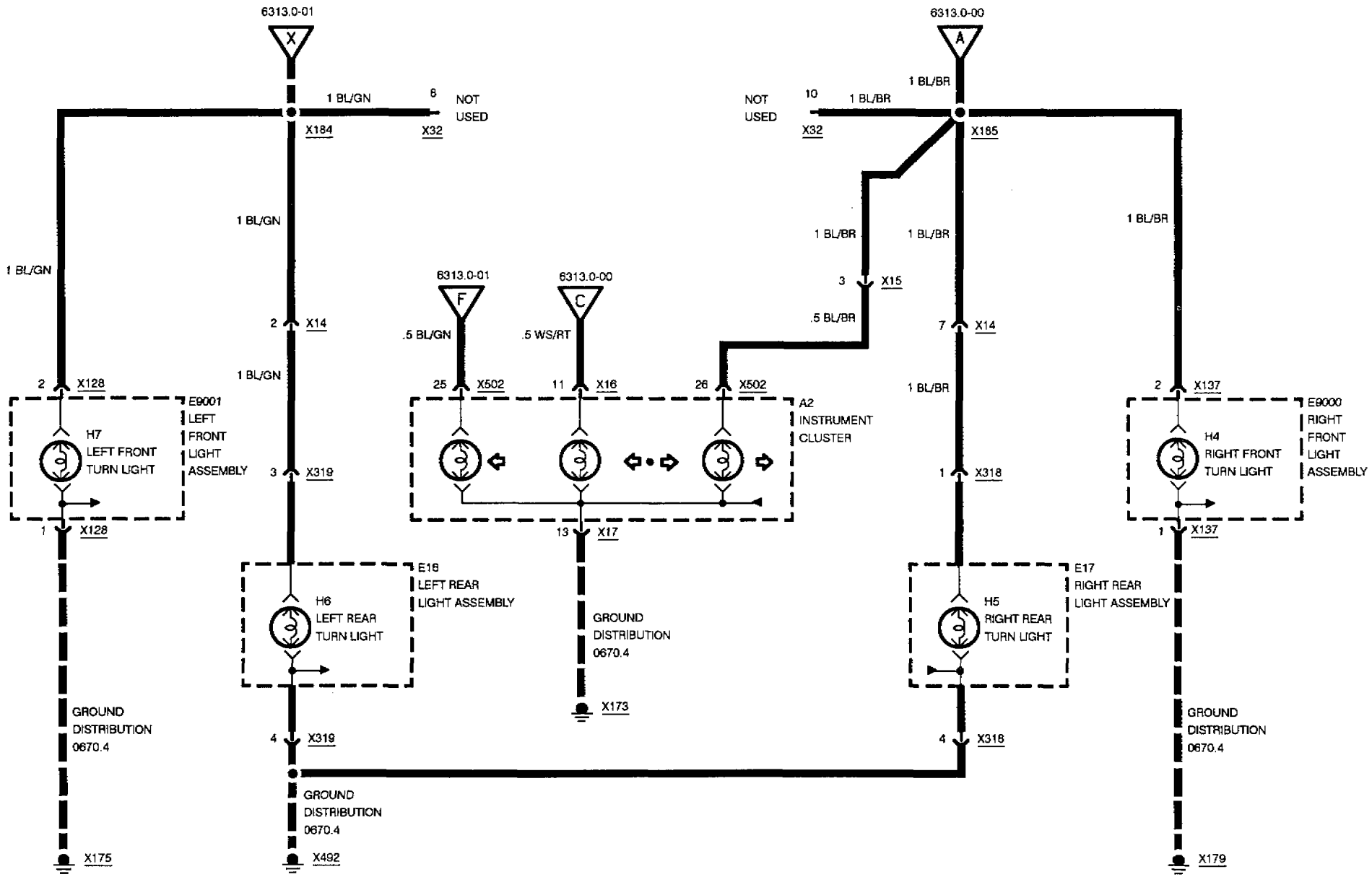


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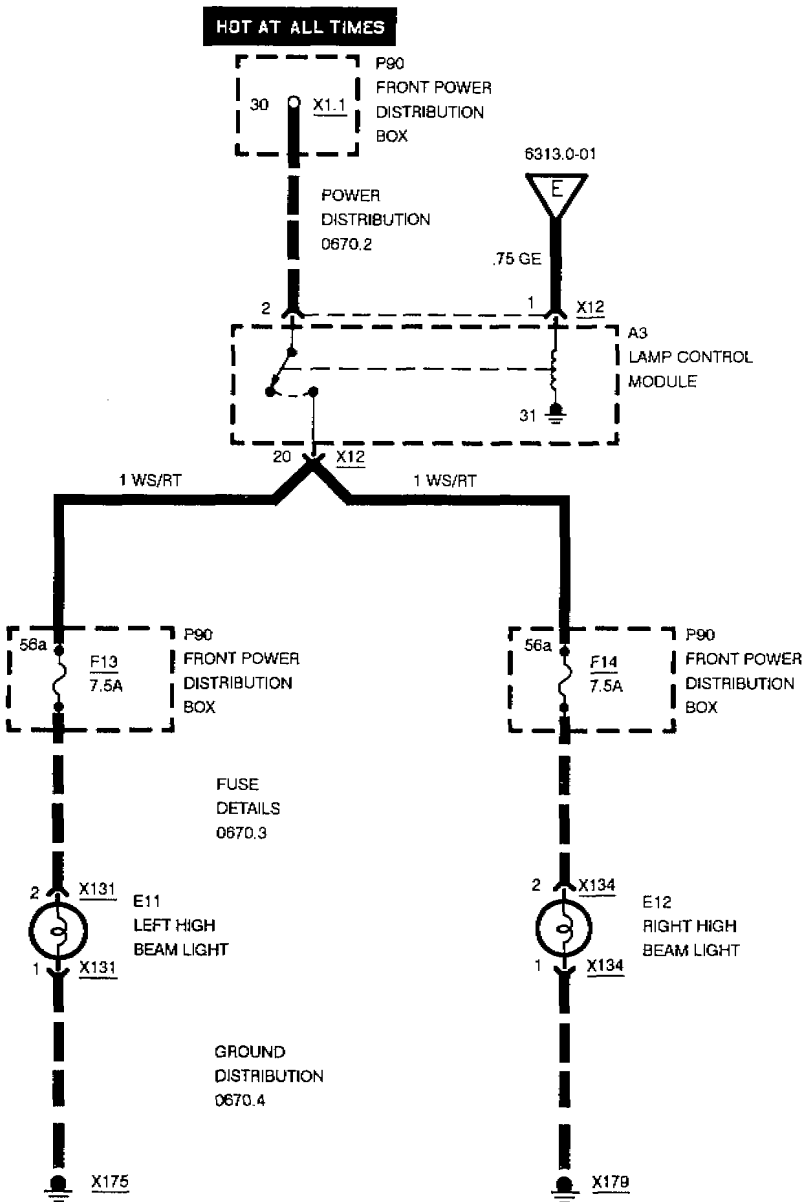
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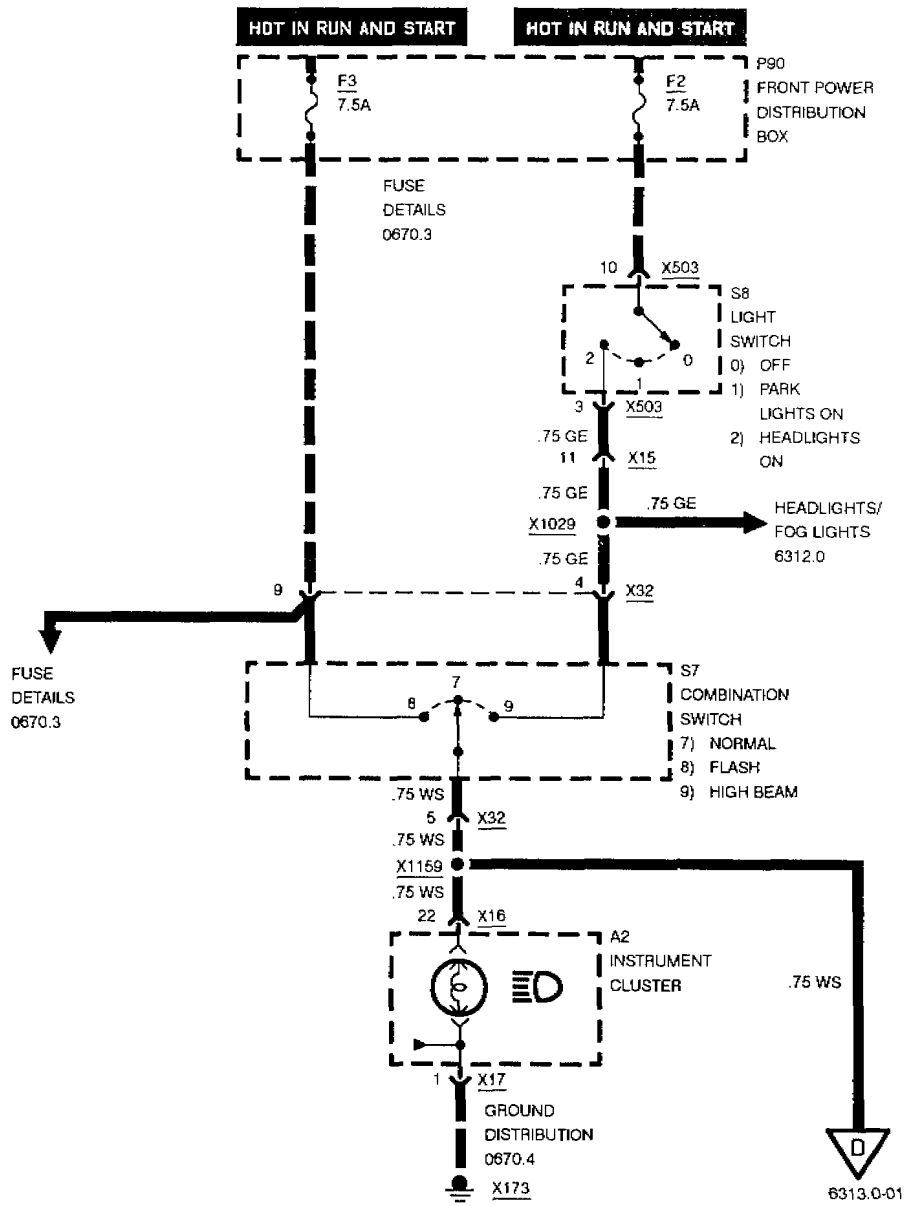
TURN/ HAZARD LIGHTS



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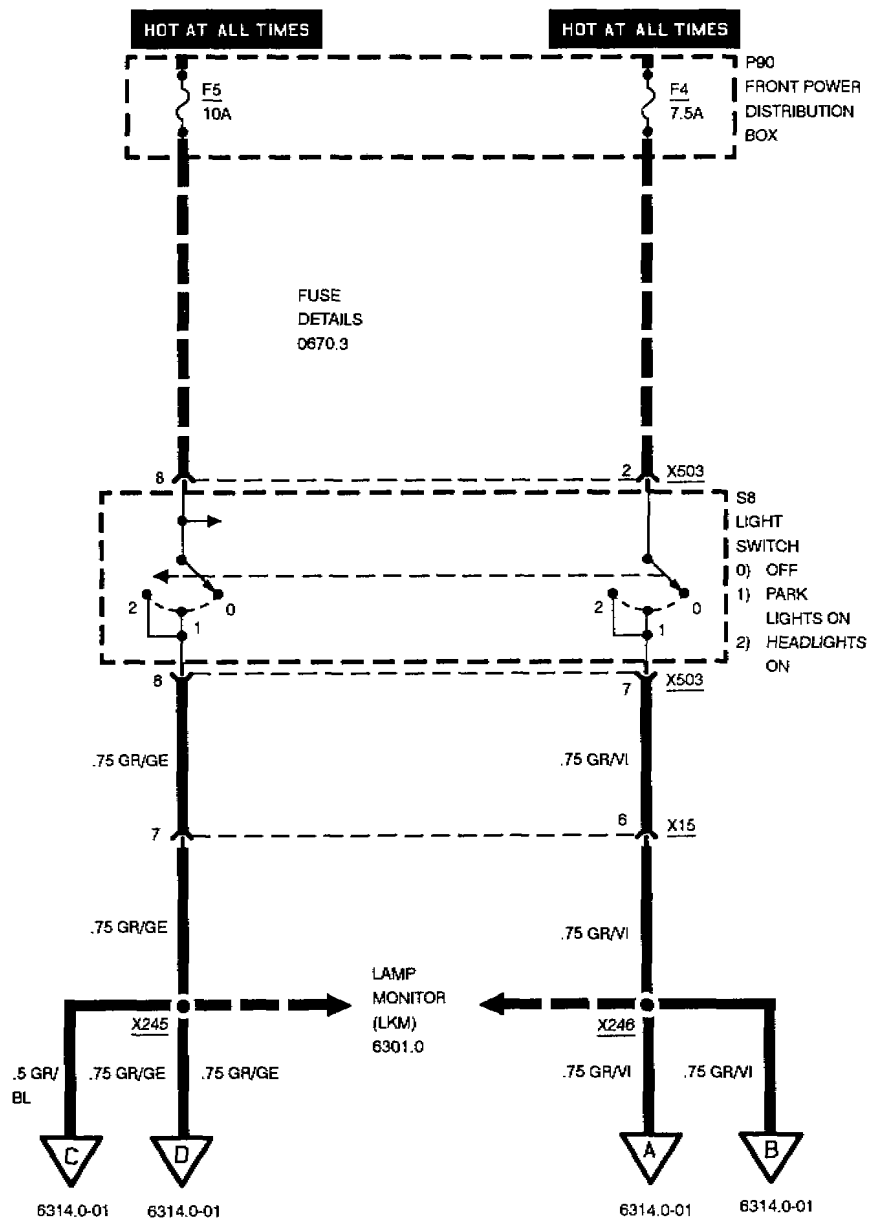
TURN/ HAZARD LIGHTS

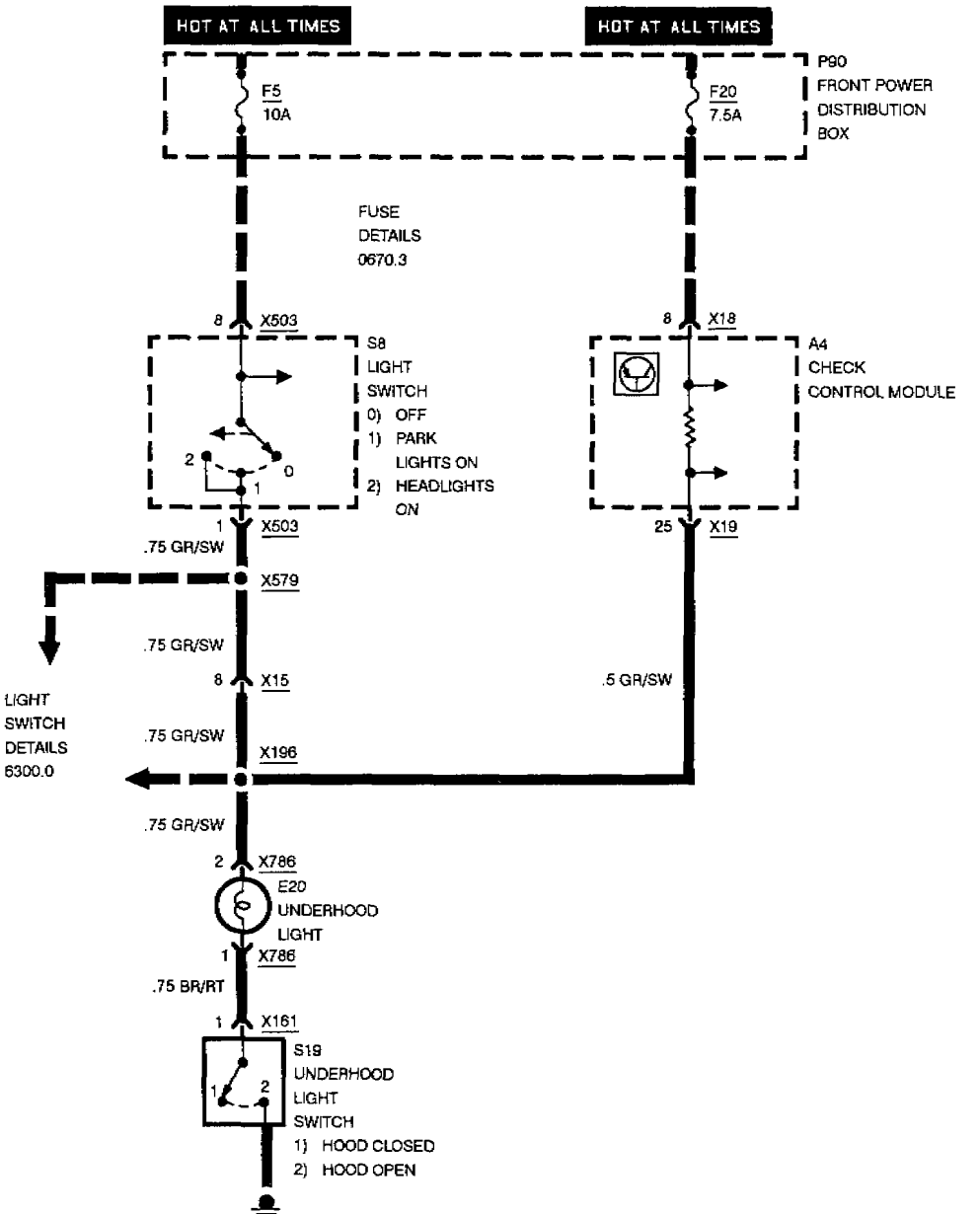




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PARK/ TAIL/ UNDERHOOD LIGHTS

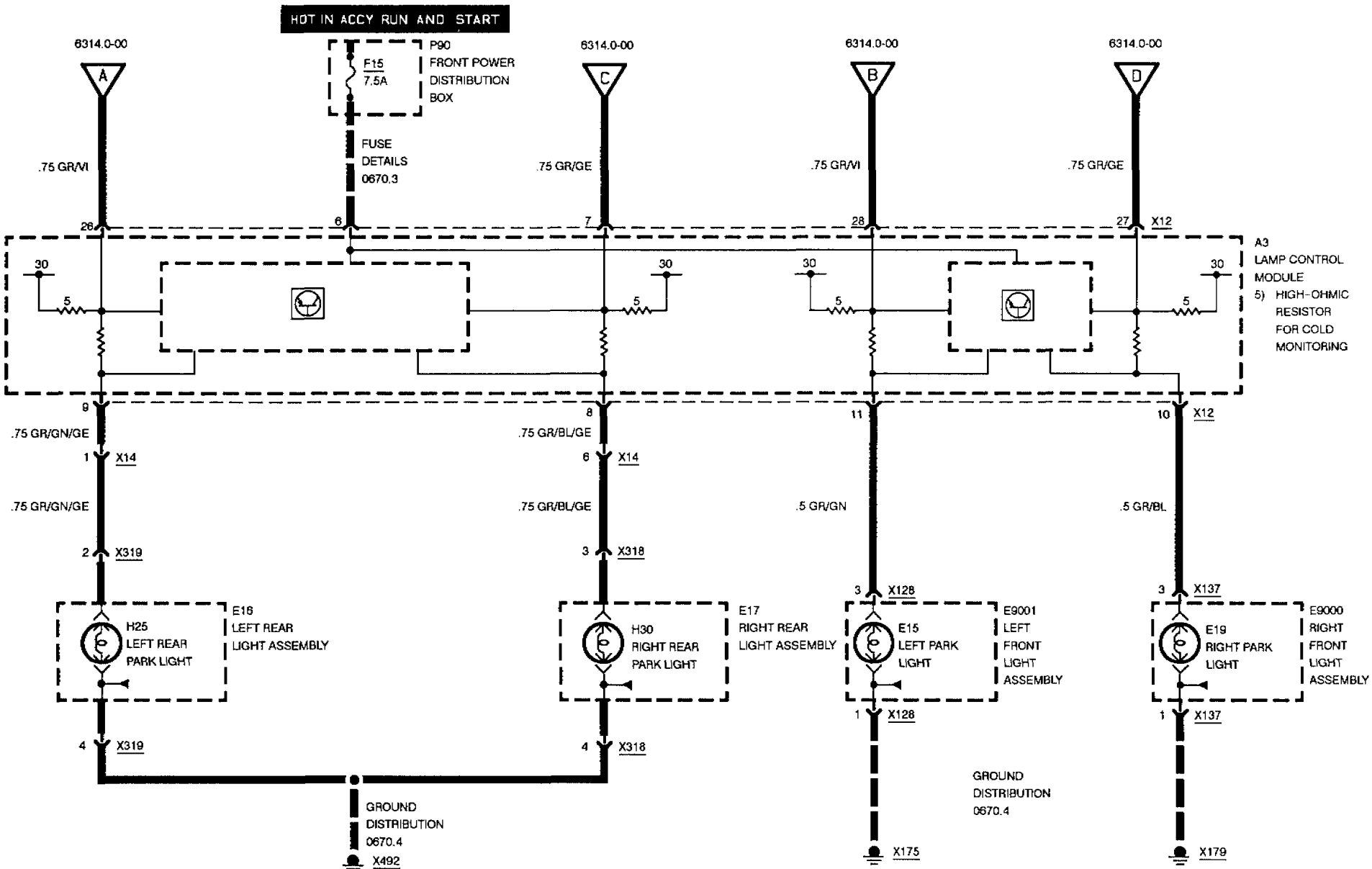




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PARK/ TAIL/ UNDERHOOD LIGHTS

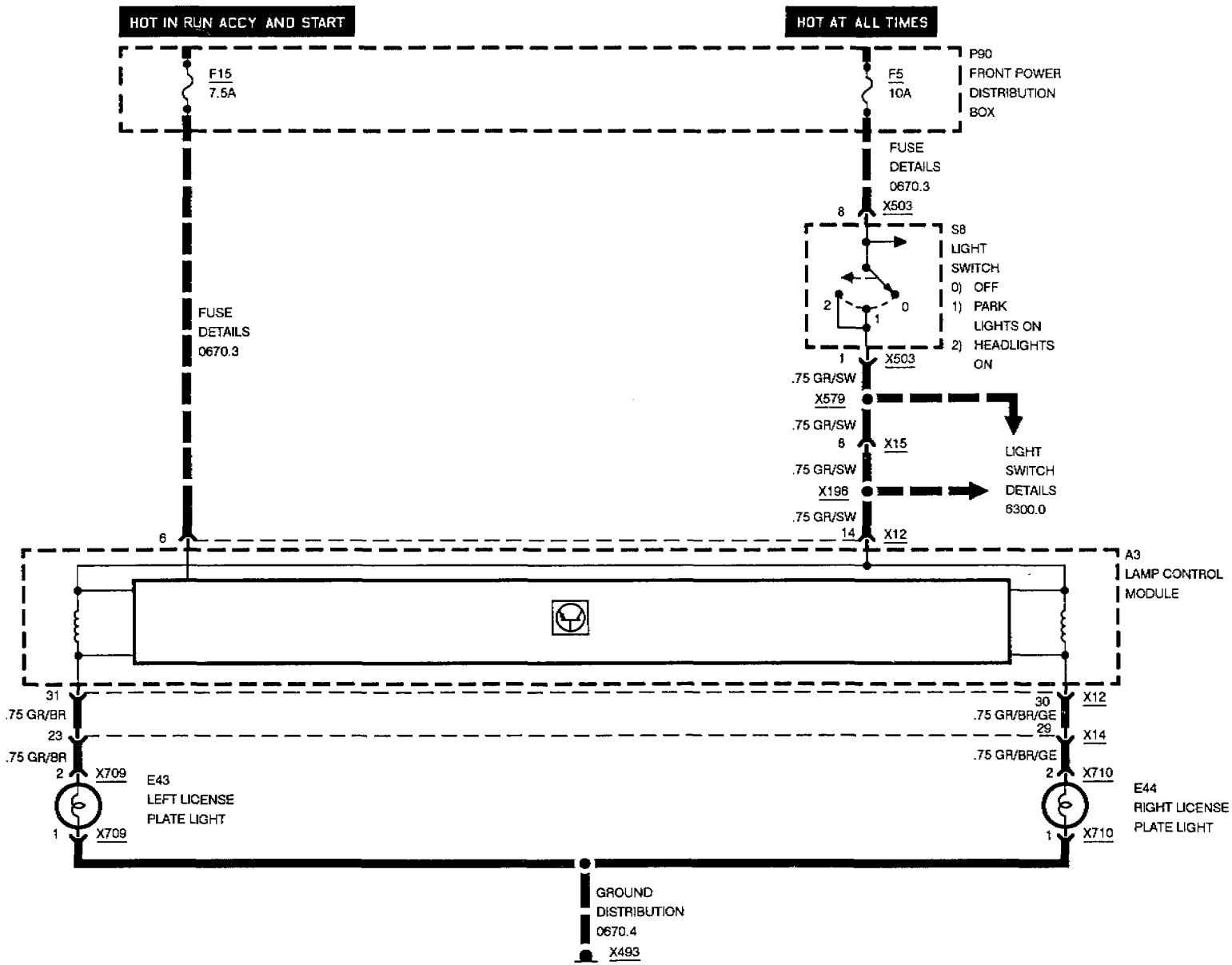
FRONT AND REAR PARK LIGHTS



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LICENSE/ TRUNK LIGHTS

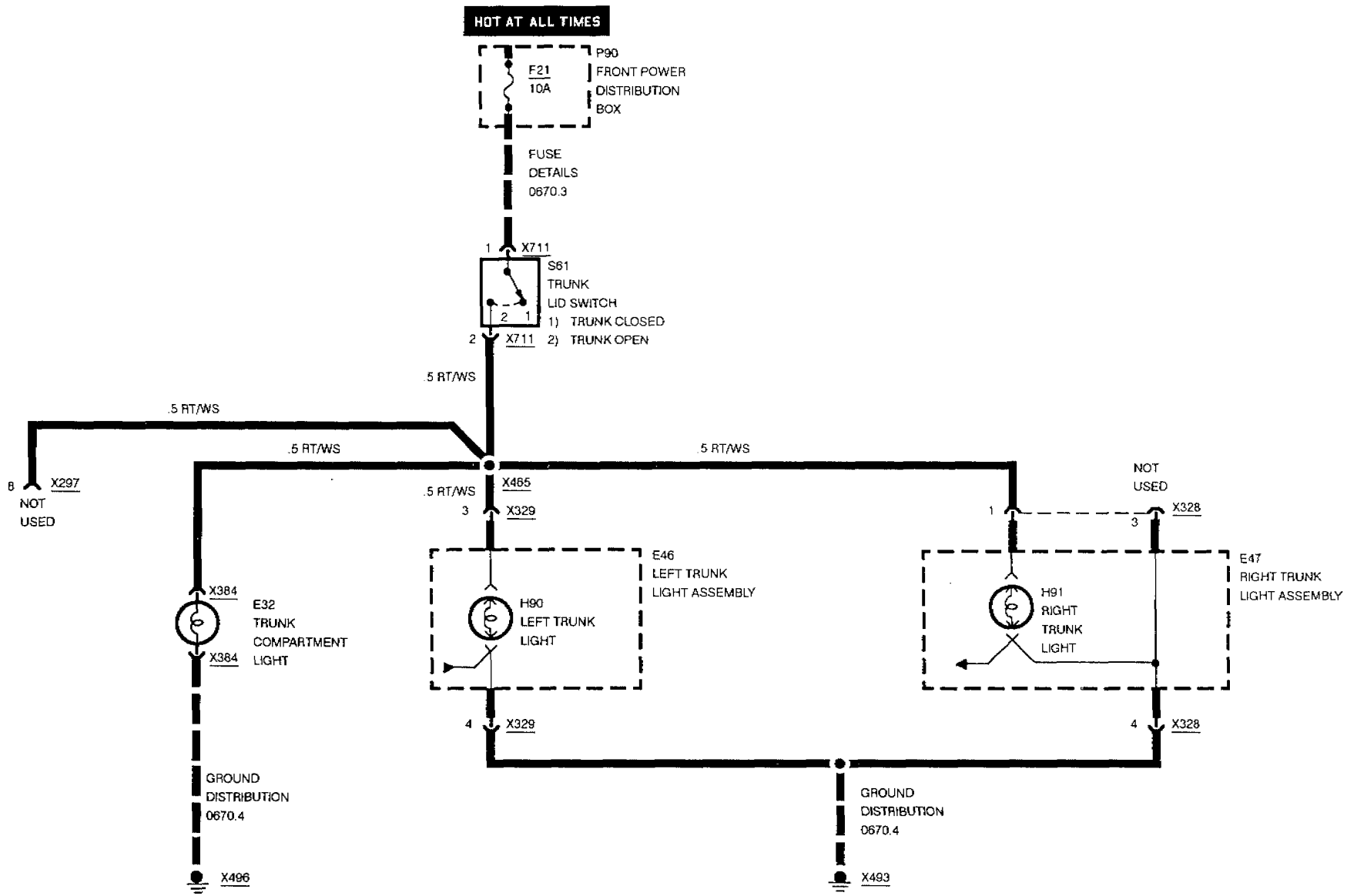
LICENSE LIGHTS



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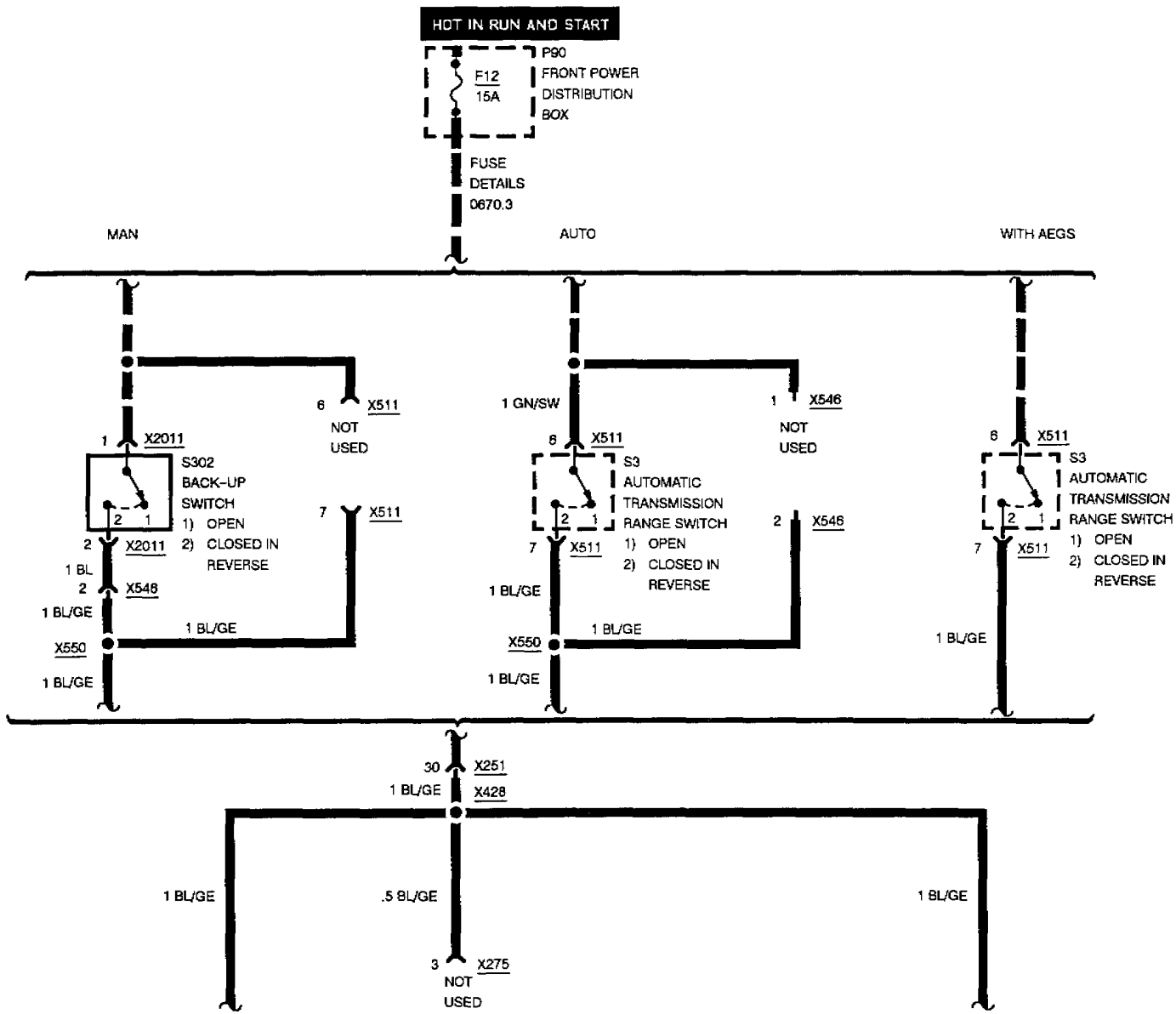
LICENSE/ TRUNK LIGHTS

TRUNK LIGHTS

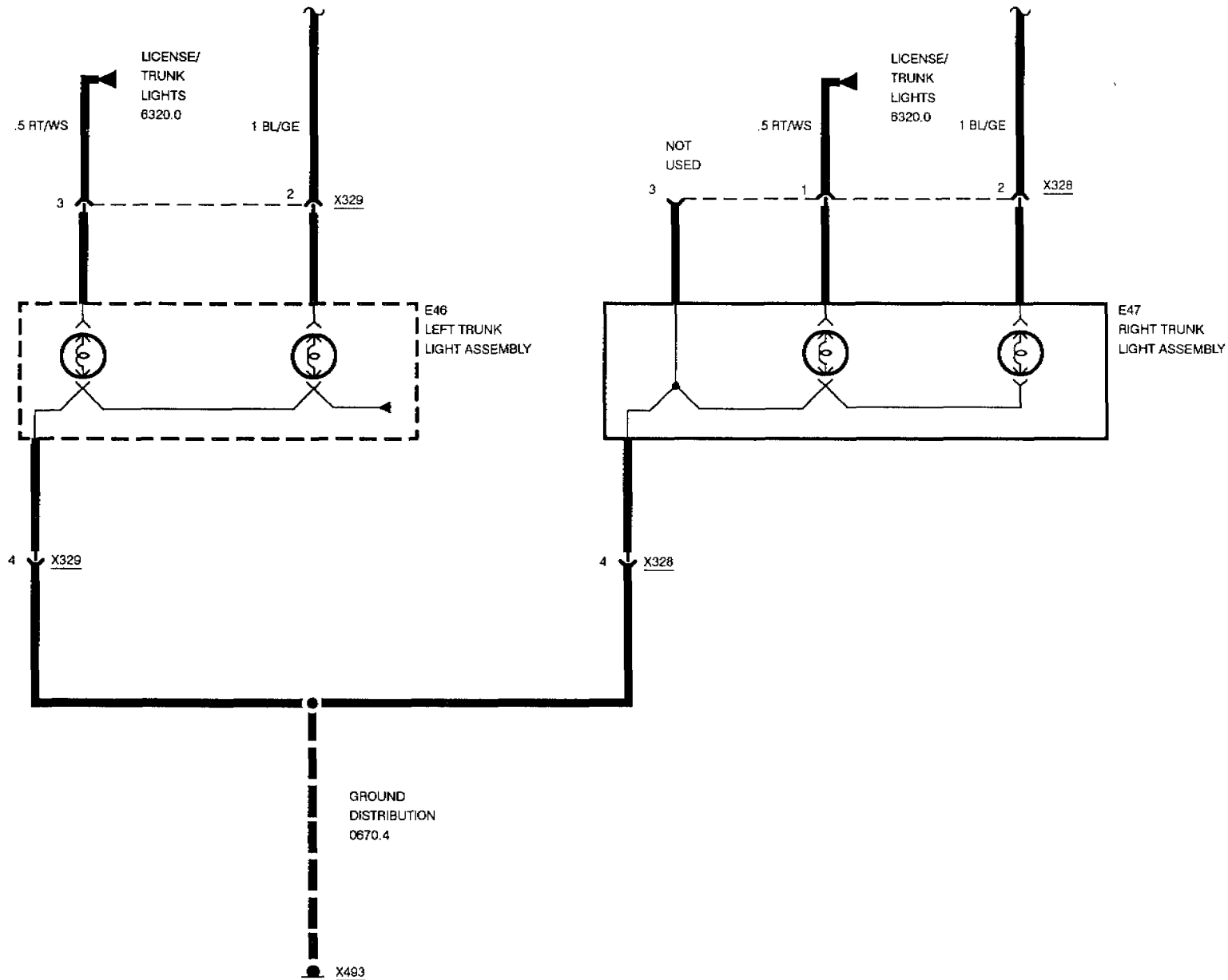


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BACK UP LIGHTS

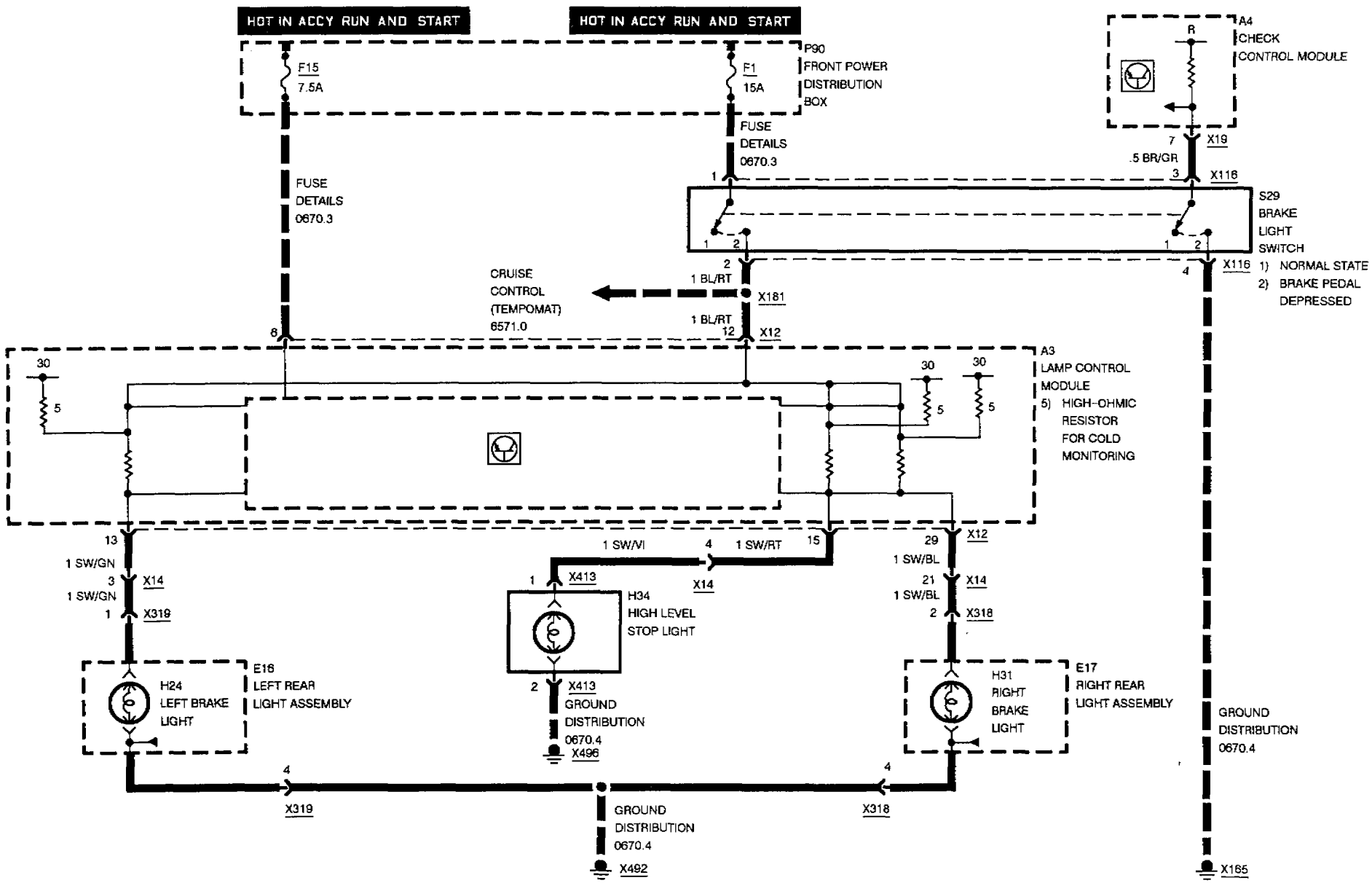


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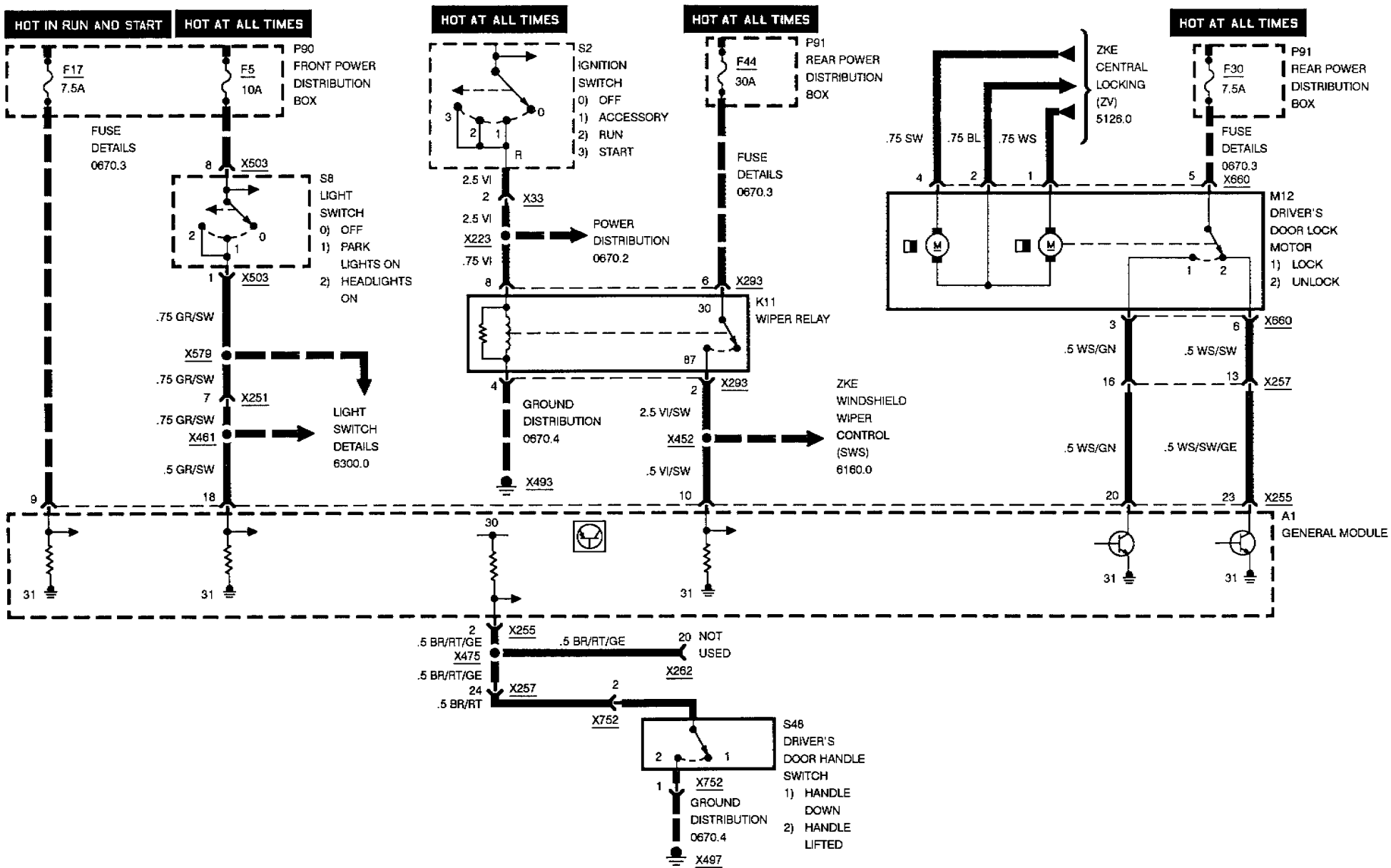
BRAKE LIGHTS



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ZKE INTERIOR LIGHTS (IB)

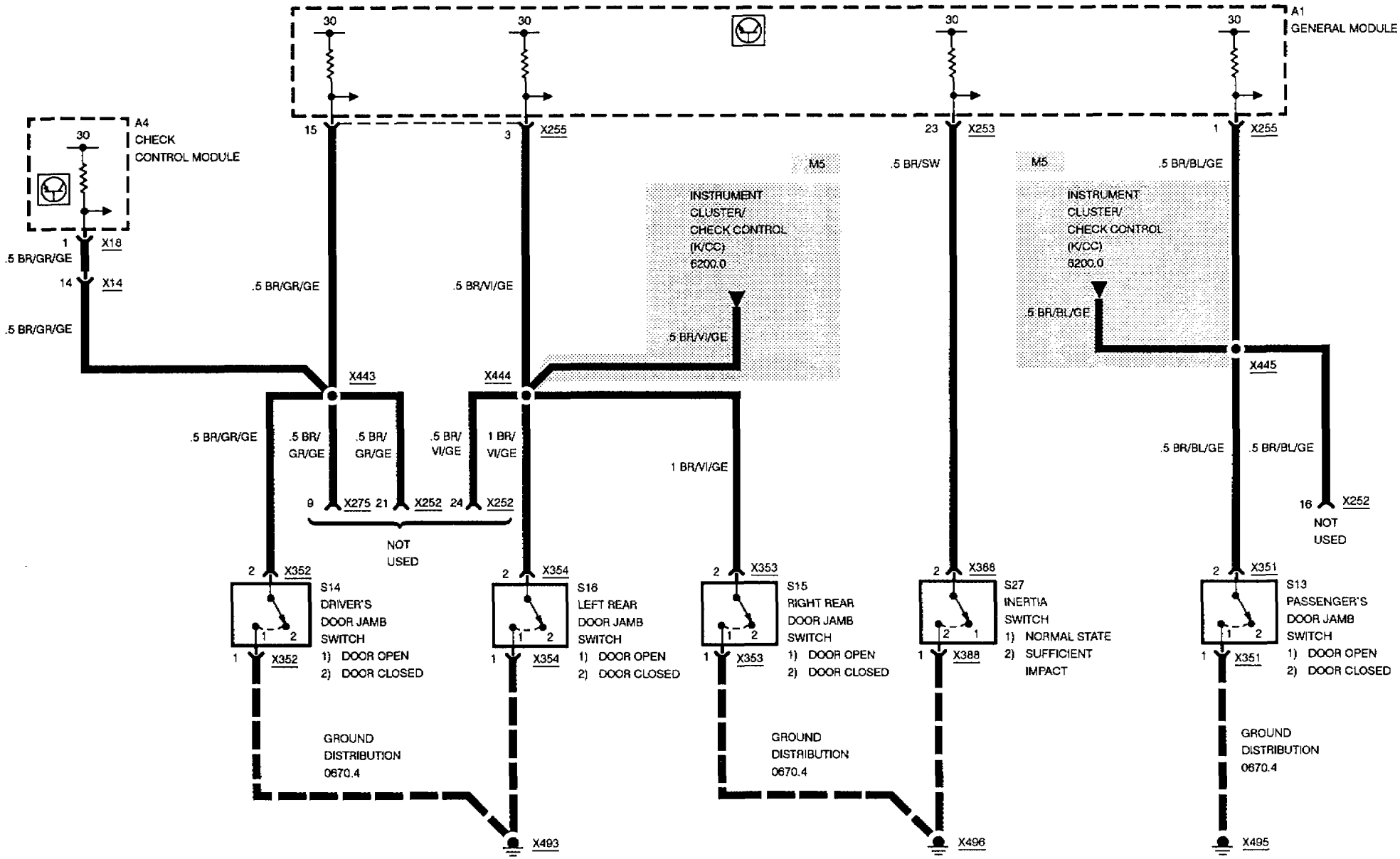
INPUT DETAILS



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ZKE INTERIOR LIGHTS (IB)

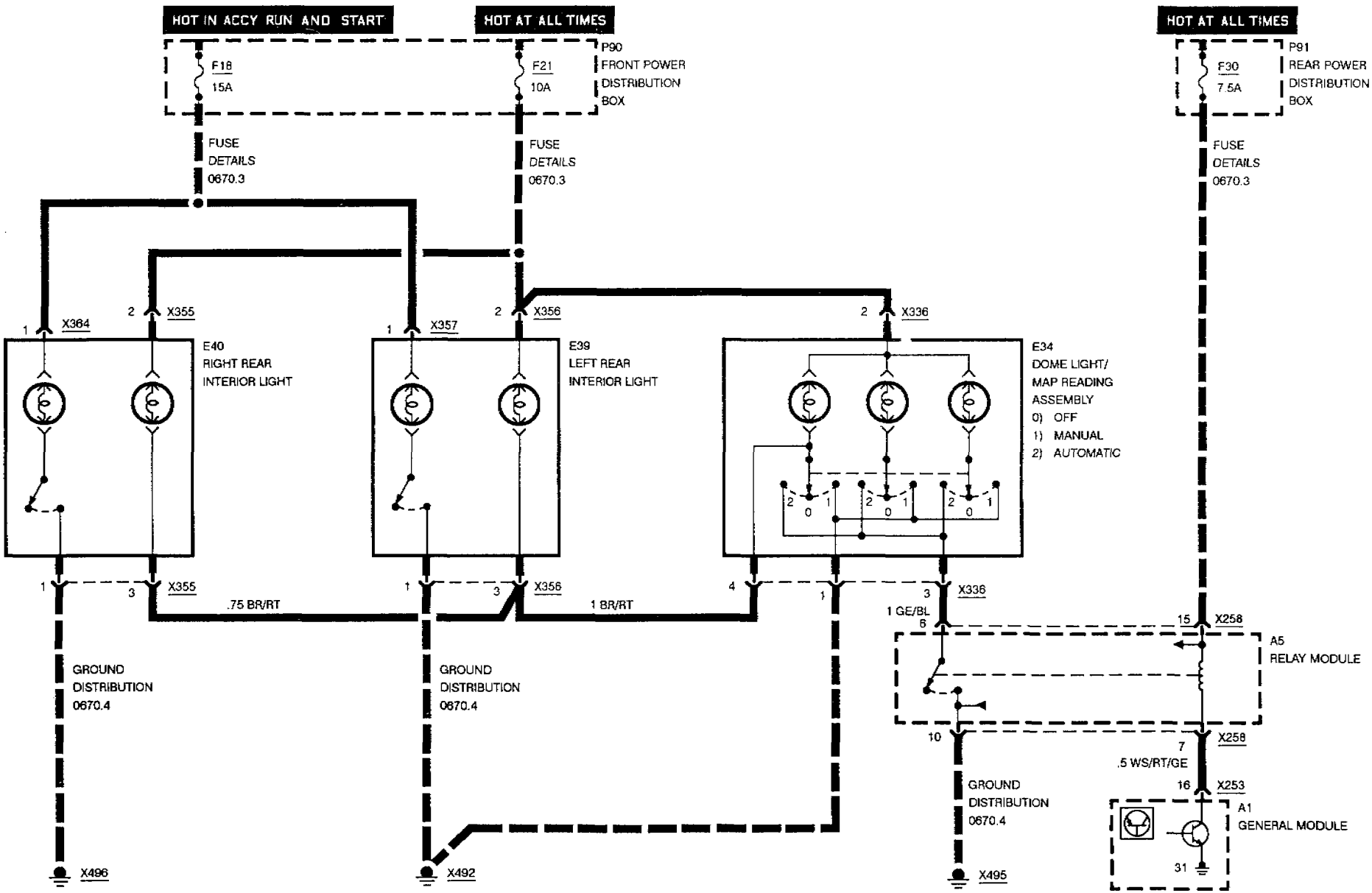
INPUT DETAILS



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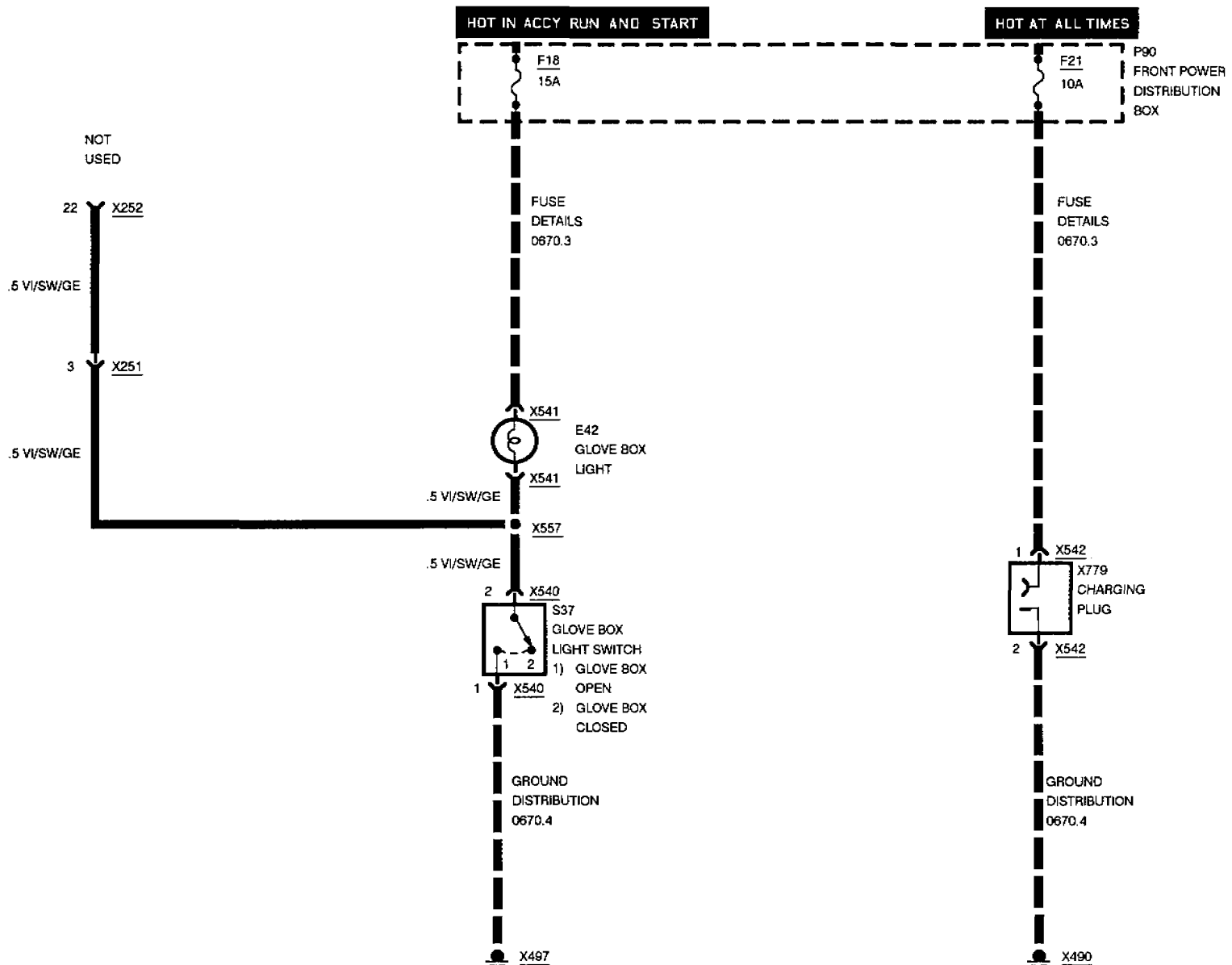
ZKE INTERIOR LIGHTS (IB)

OUTPUT DETAILS



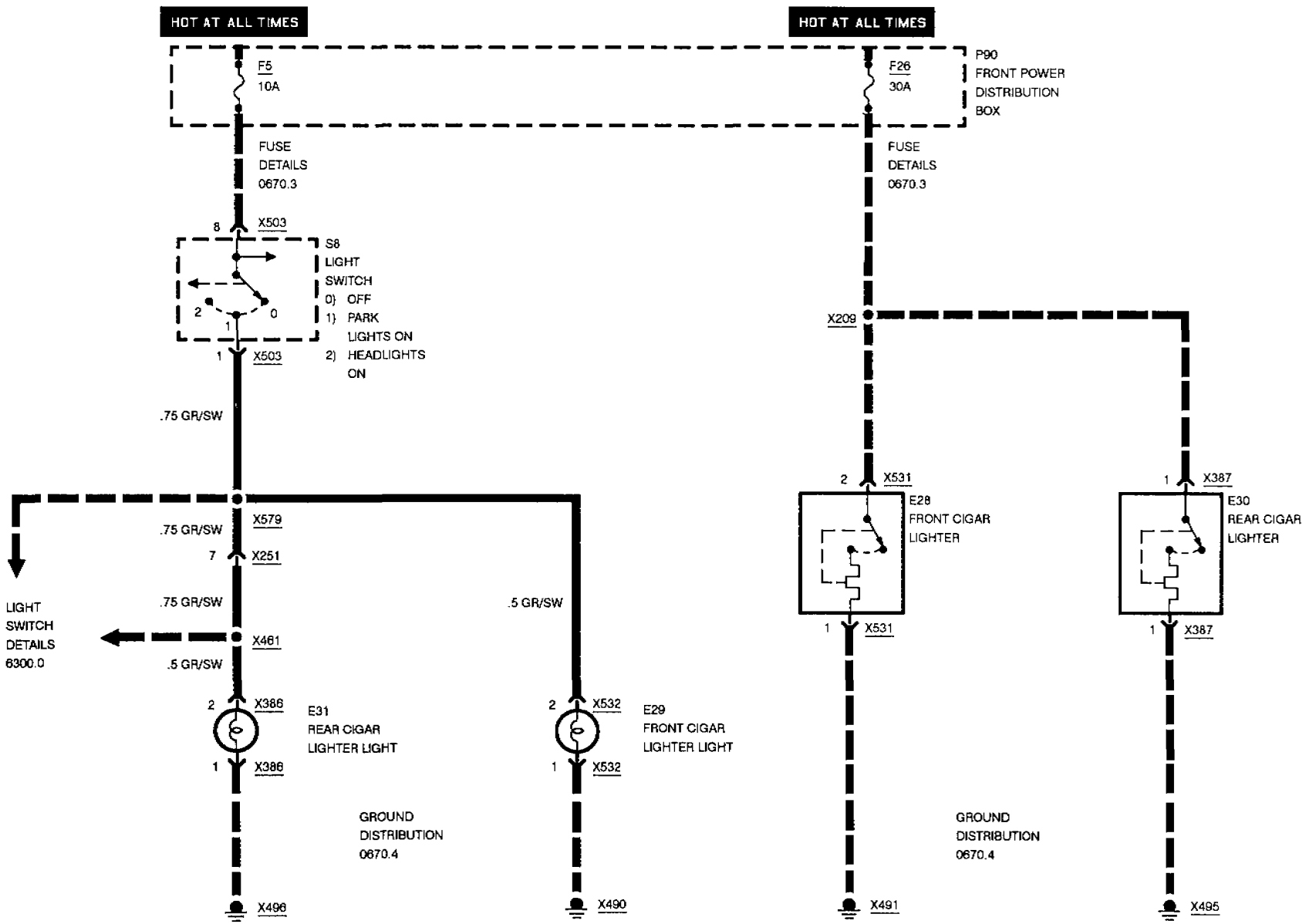
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GLOVE BOX LIGHT/CIGAR LIGHTER/ CHARGING PLUG



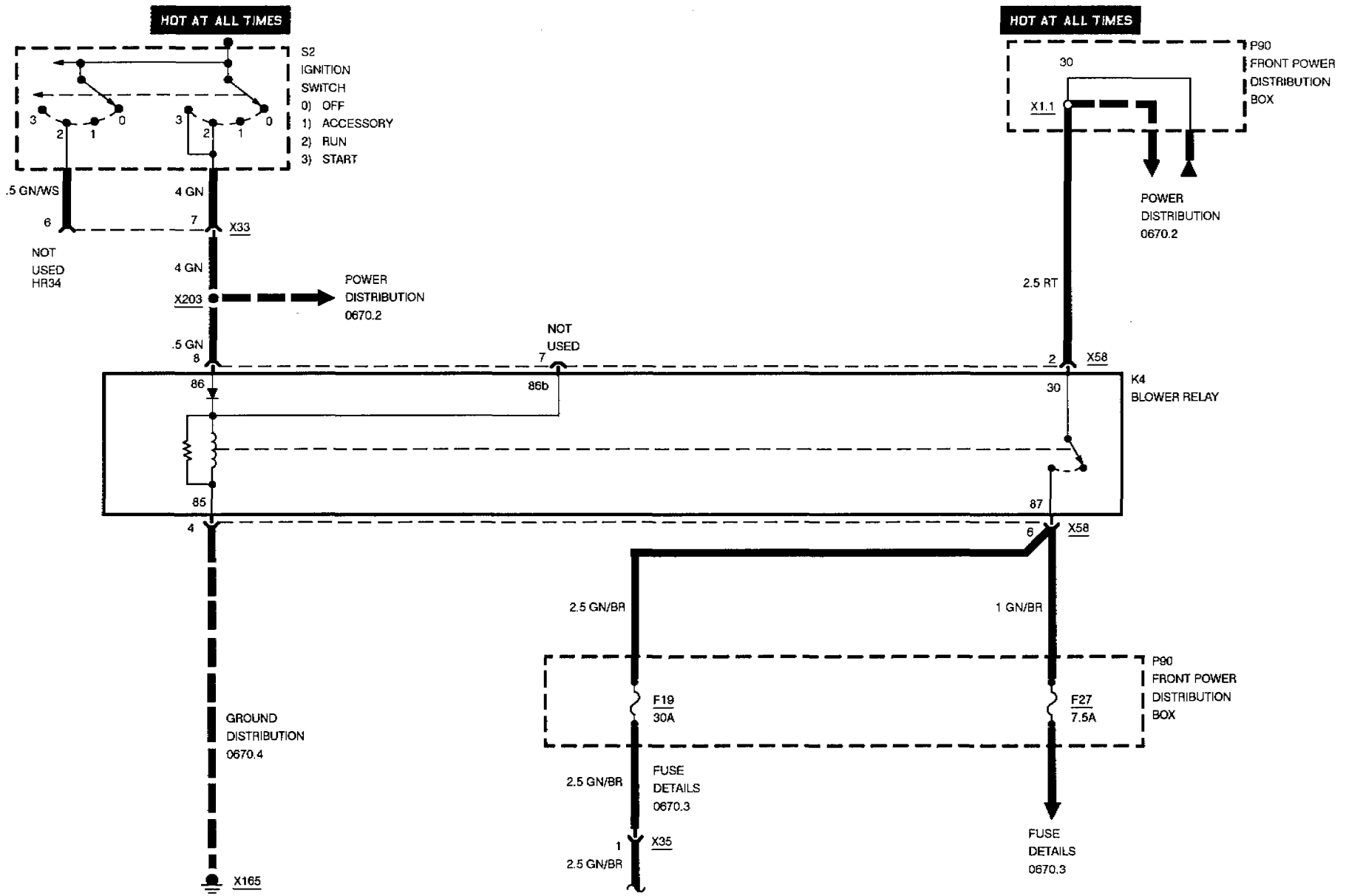
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GLOVE BOX LIGHT/CIGAR LIGHTER/ CHARGING PLUG

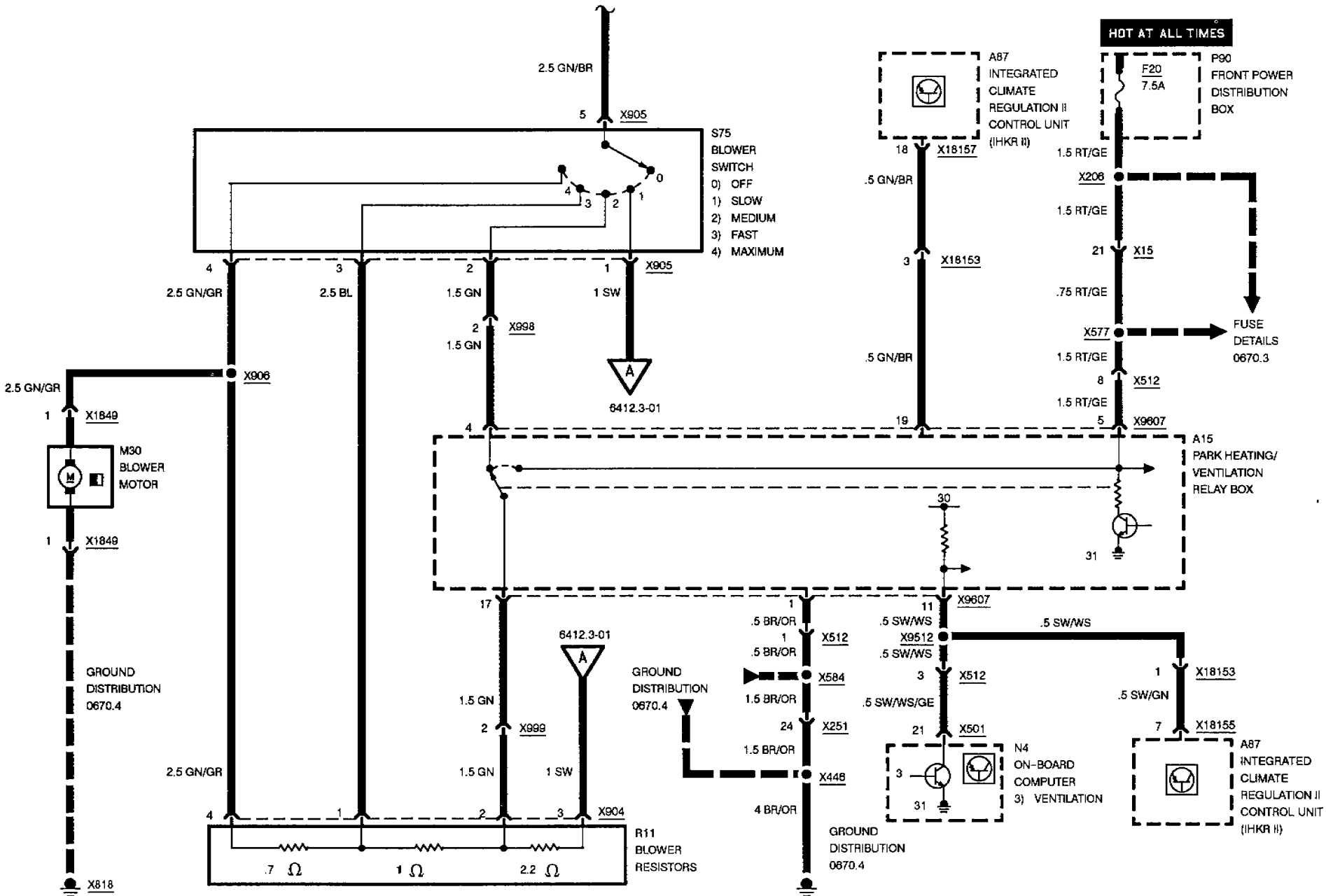


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PARK VENTILATION WITH IHKR 2

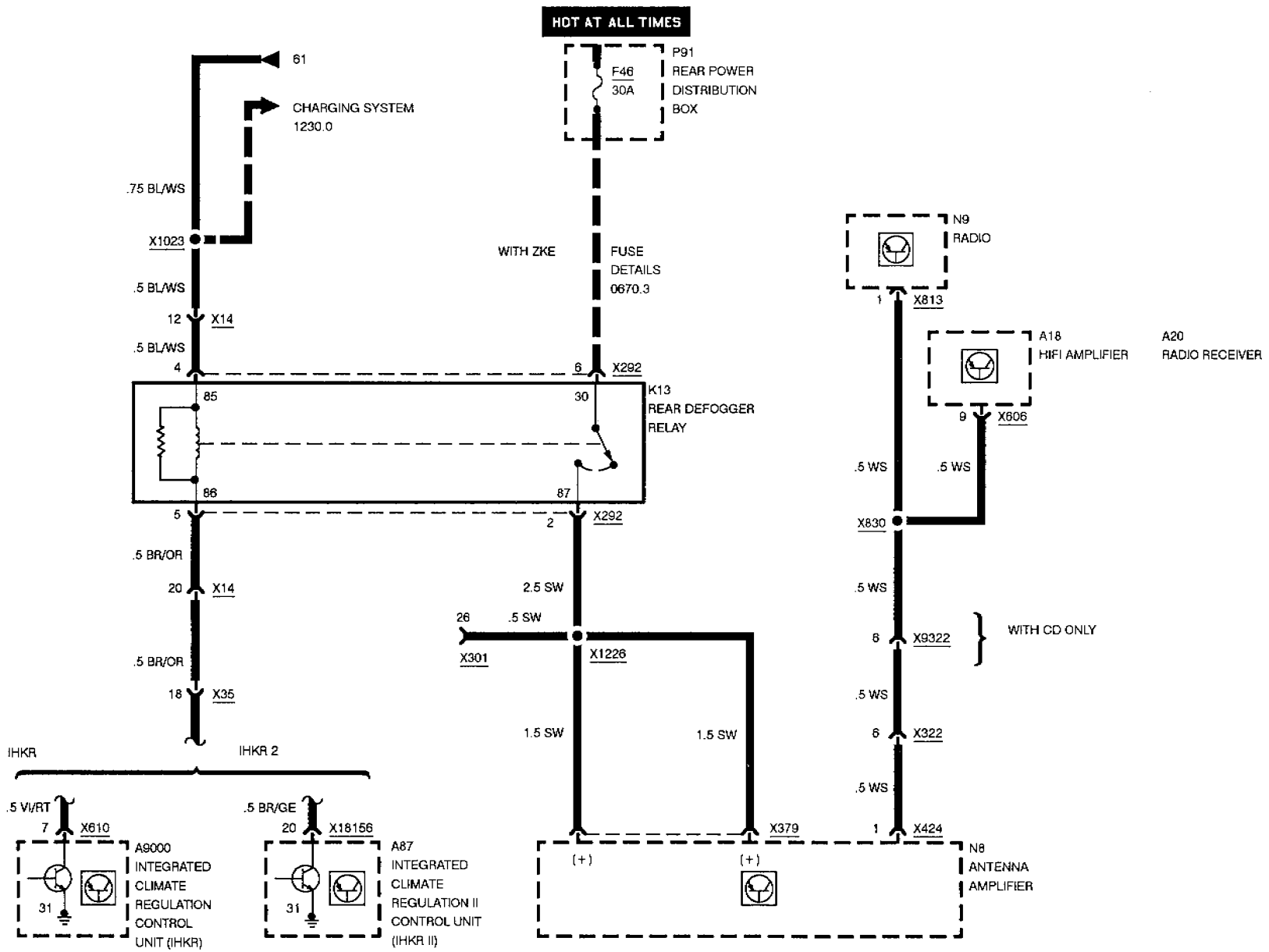


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REAR WINDOW DEFOGGER

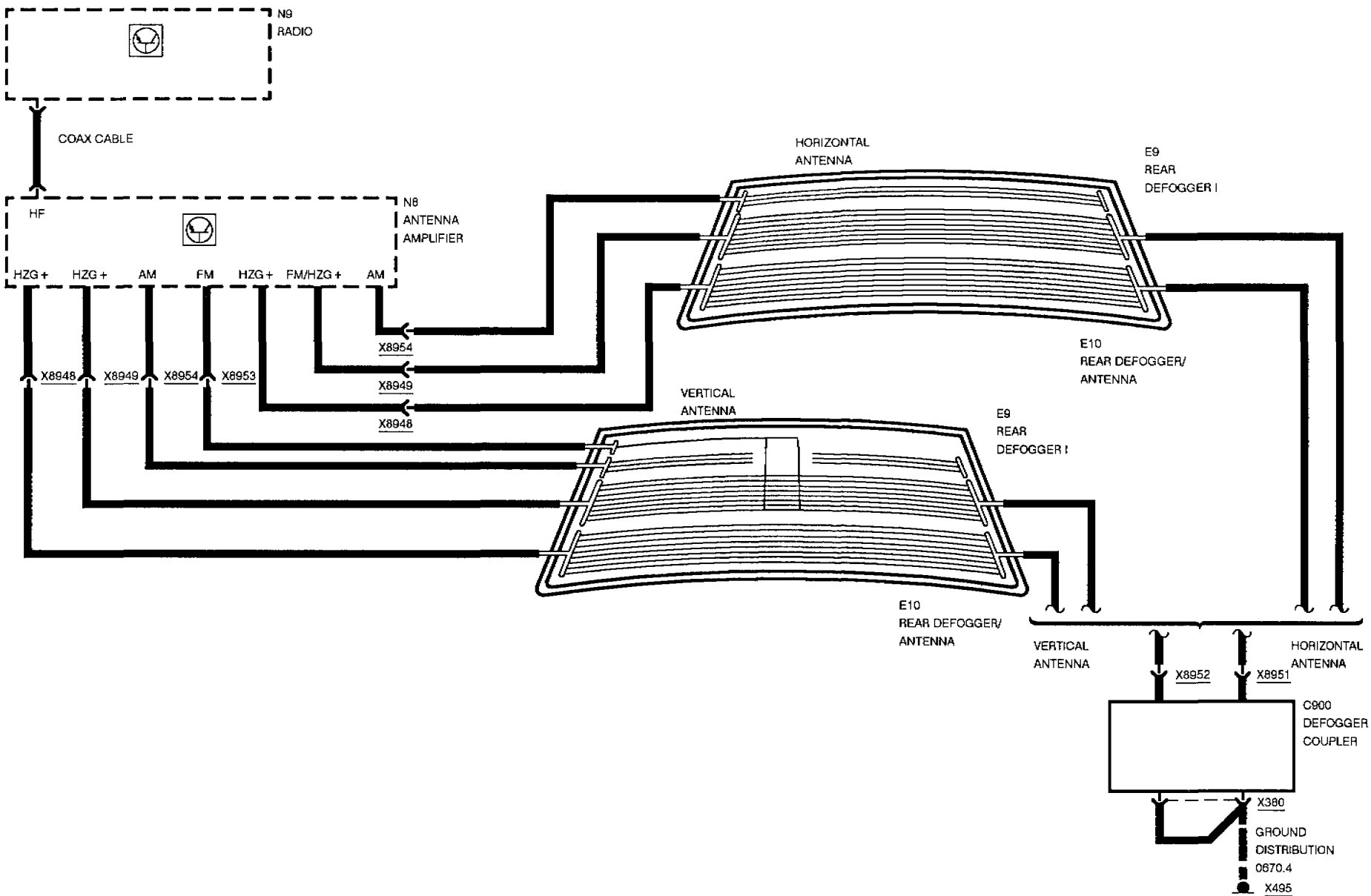


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BMW 5

REAR WINDOW DEFOGGER

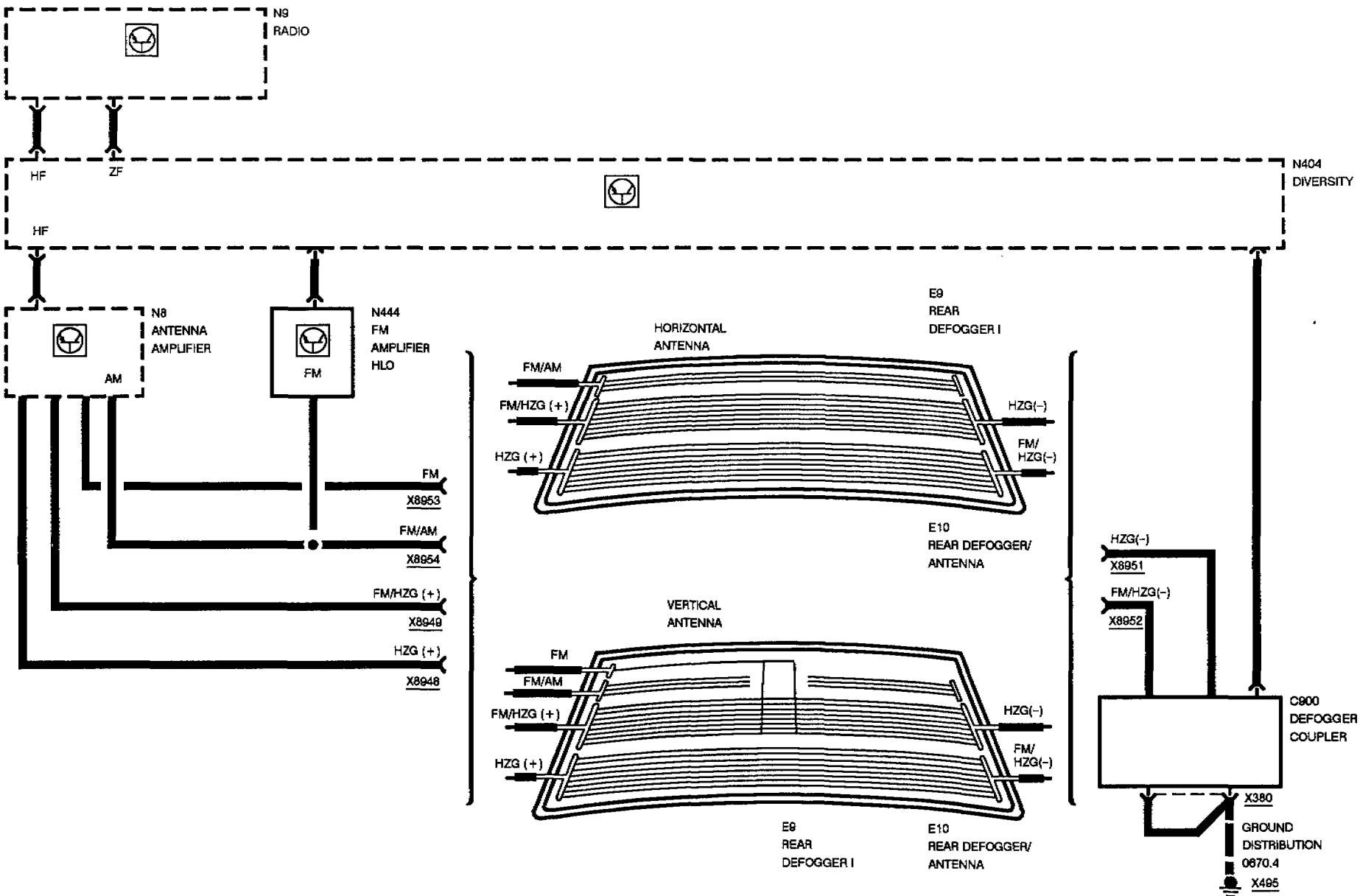
REAR WINDOW ANTENNA



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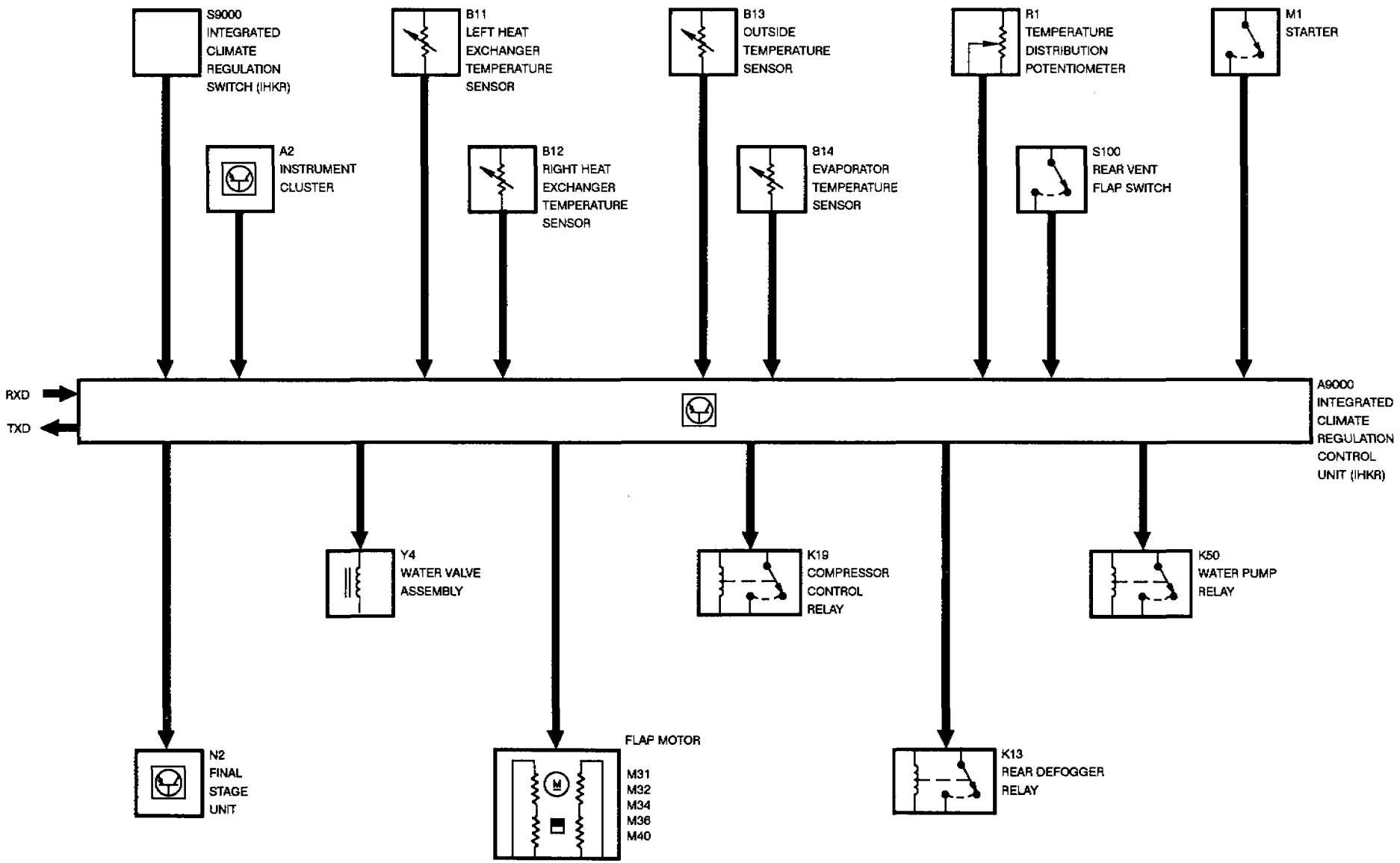
REAR WINDOW DEFOGGER

3-ANTENNA-DIVERSITY



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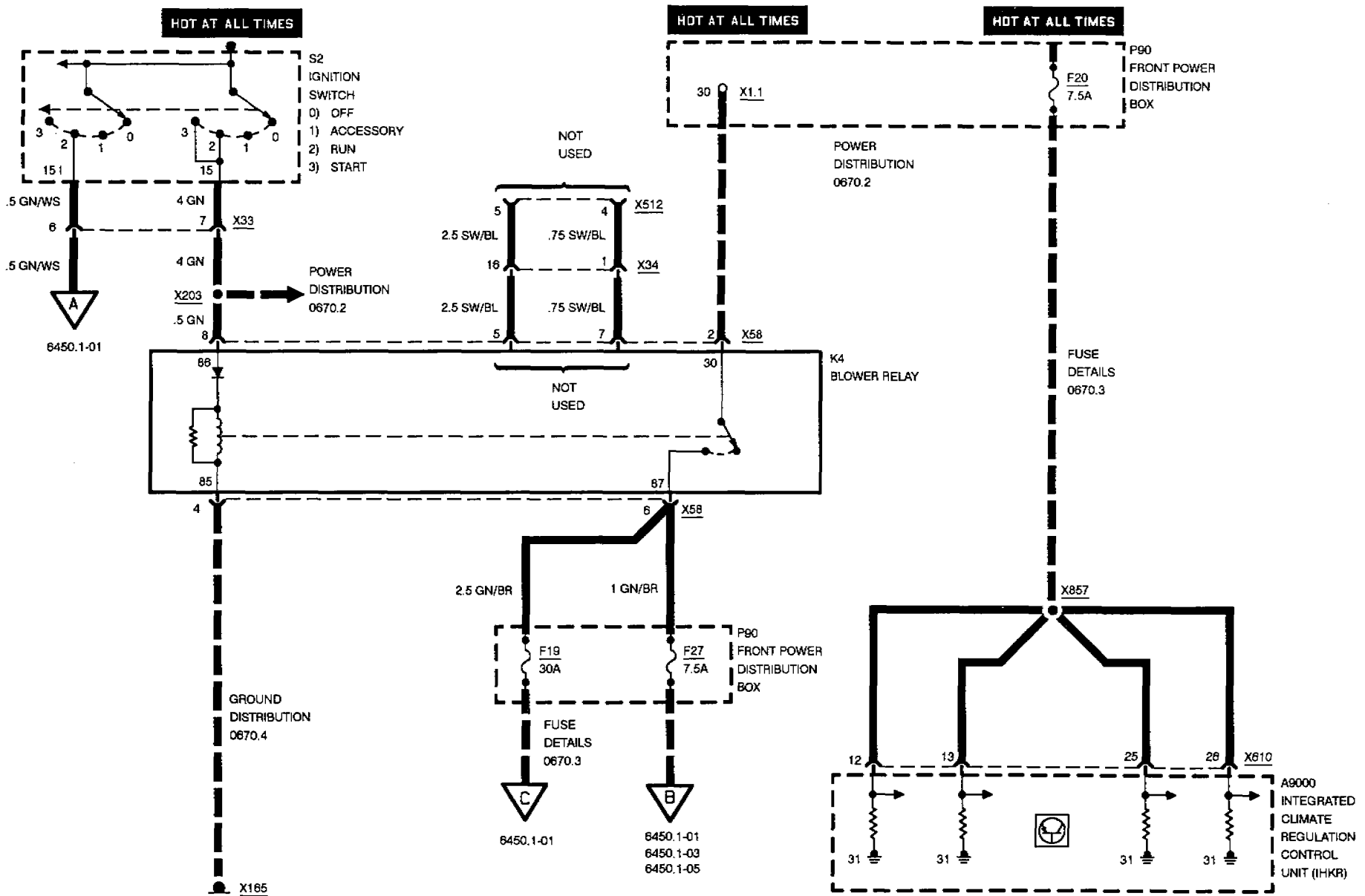
INTEGRATED CLIMATE REGULATION (IHKR)



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INTEGRATED CLIMATE REGULATION (IHKR)

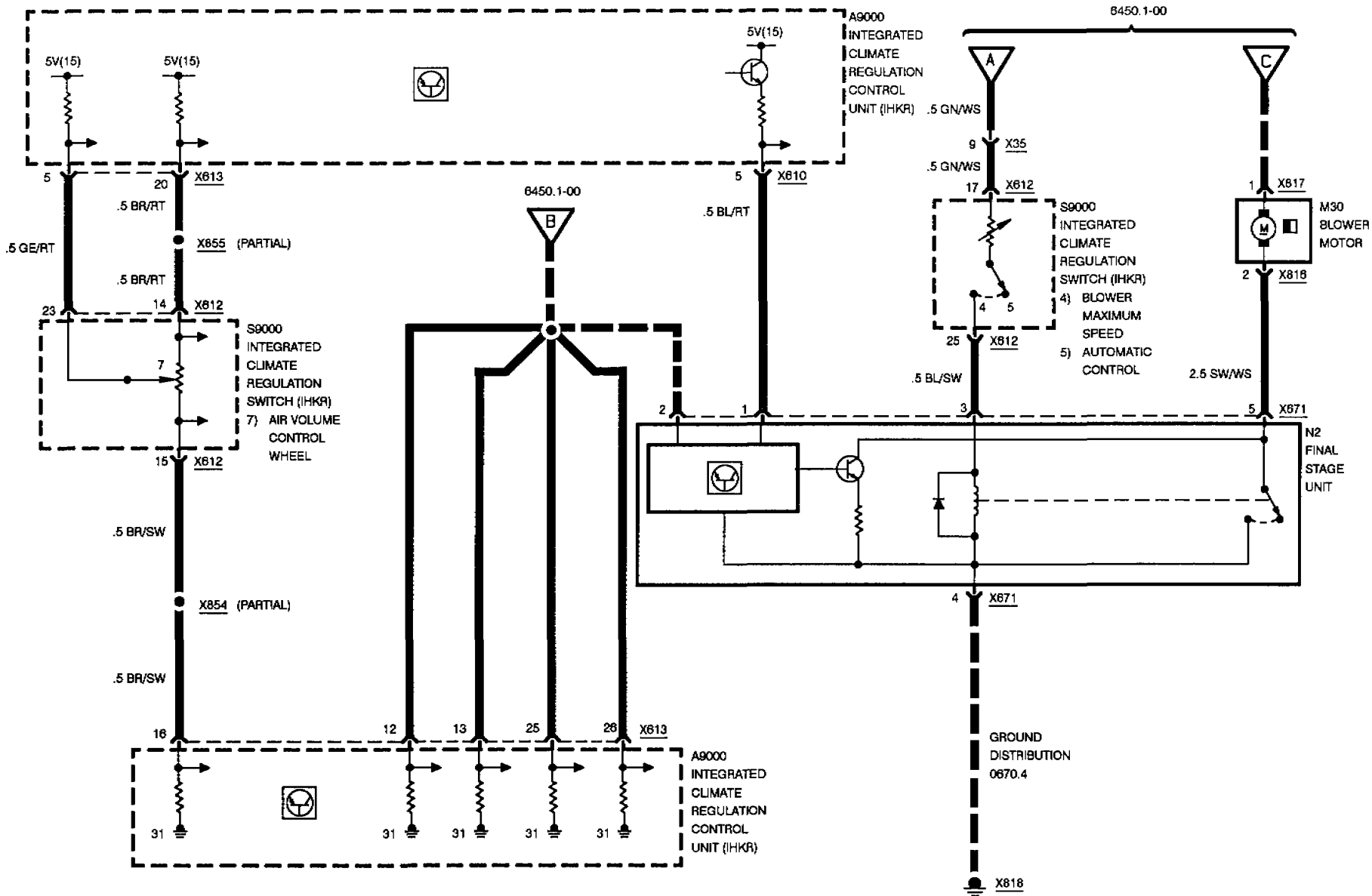
POWER



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INTEGRATED CLIMATE REGULATION (IHKR)

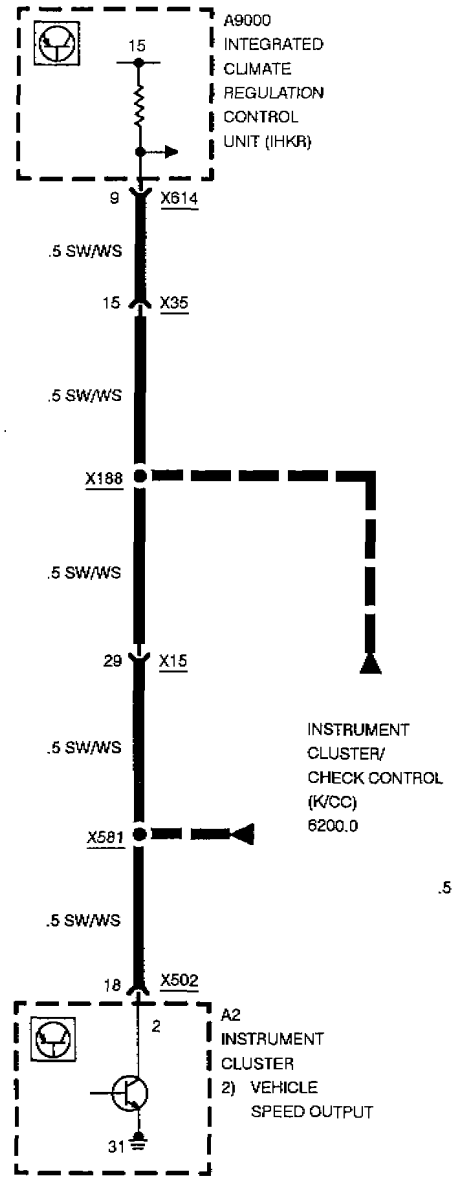
BLOWER CONTROLS



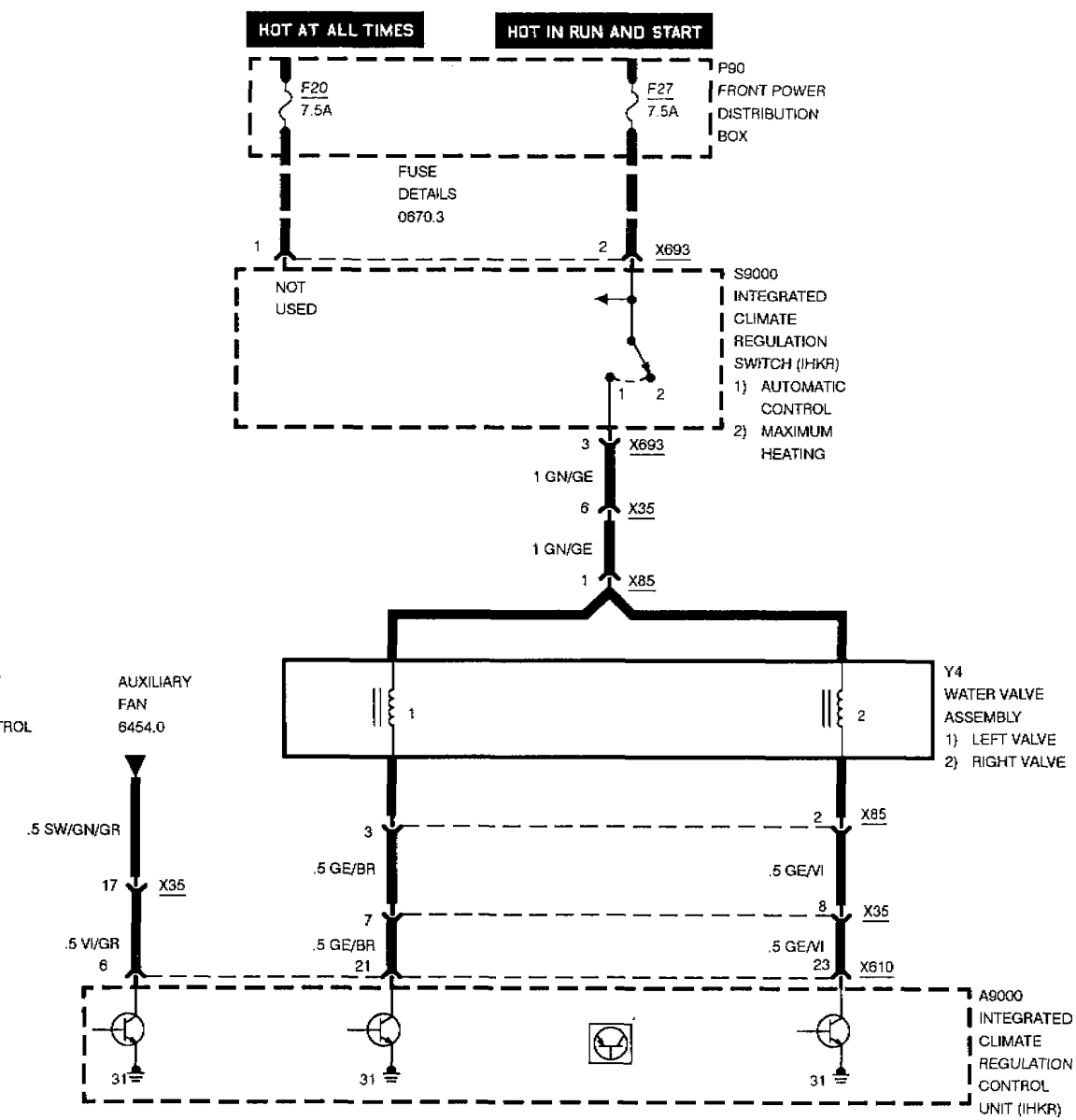
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INTEGRATED CLIMATE REGULATION (IHKR)

BLOWER CONTROLS



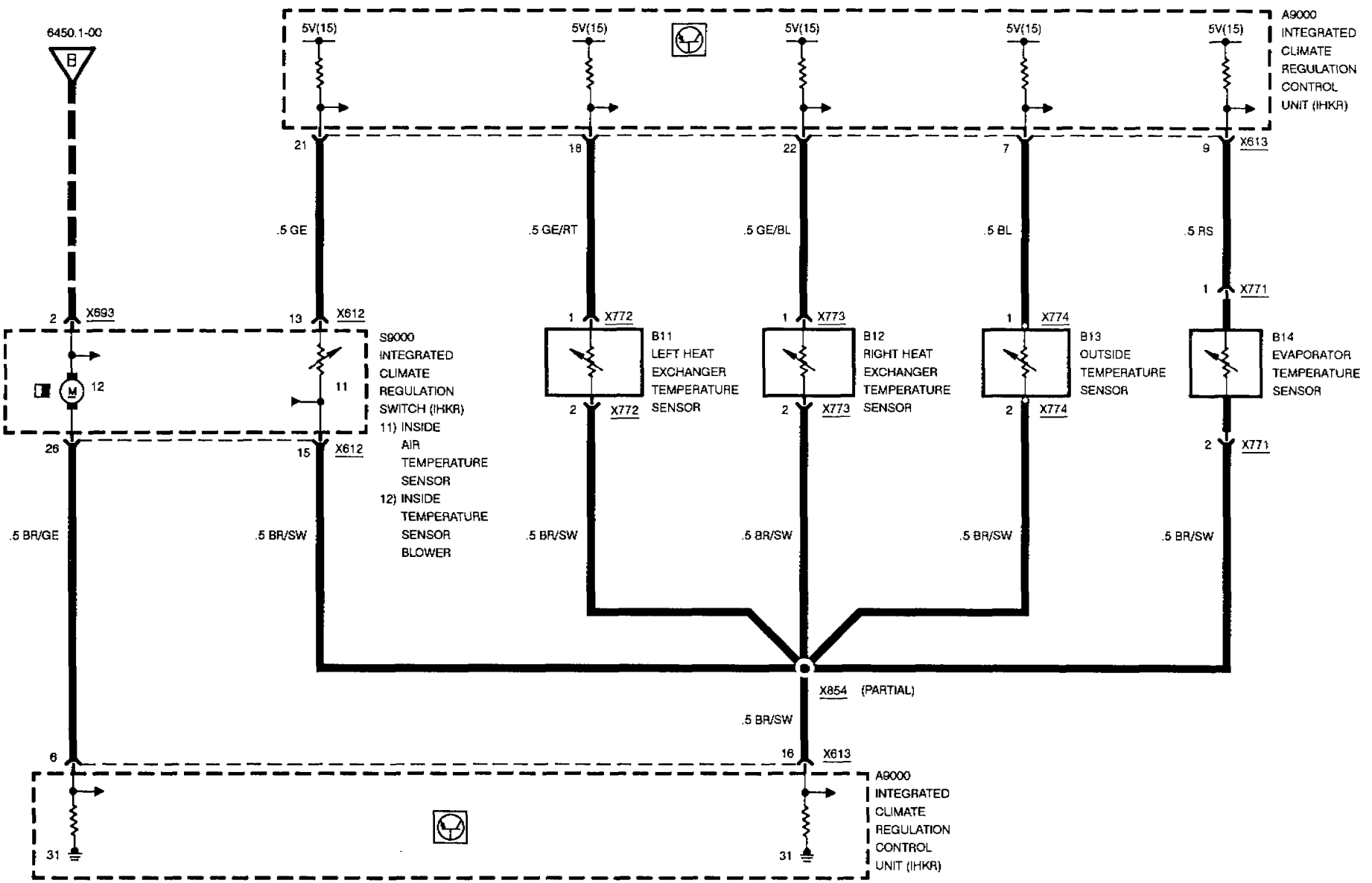
WATER VALVES



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INTEGRATED CLIMATE REGULATION (IHKR)

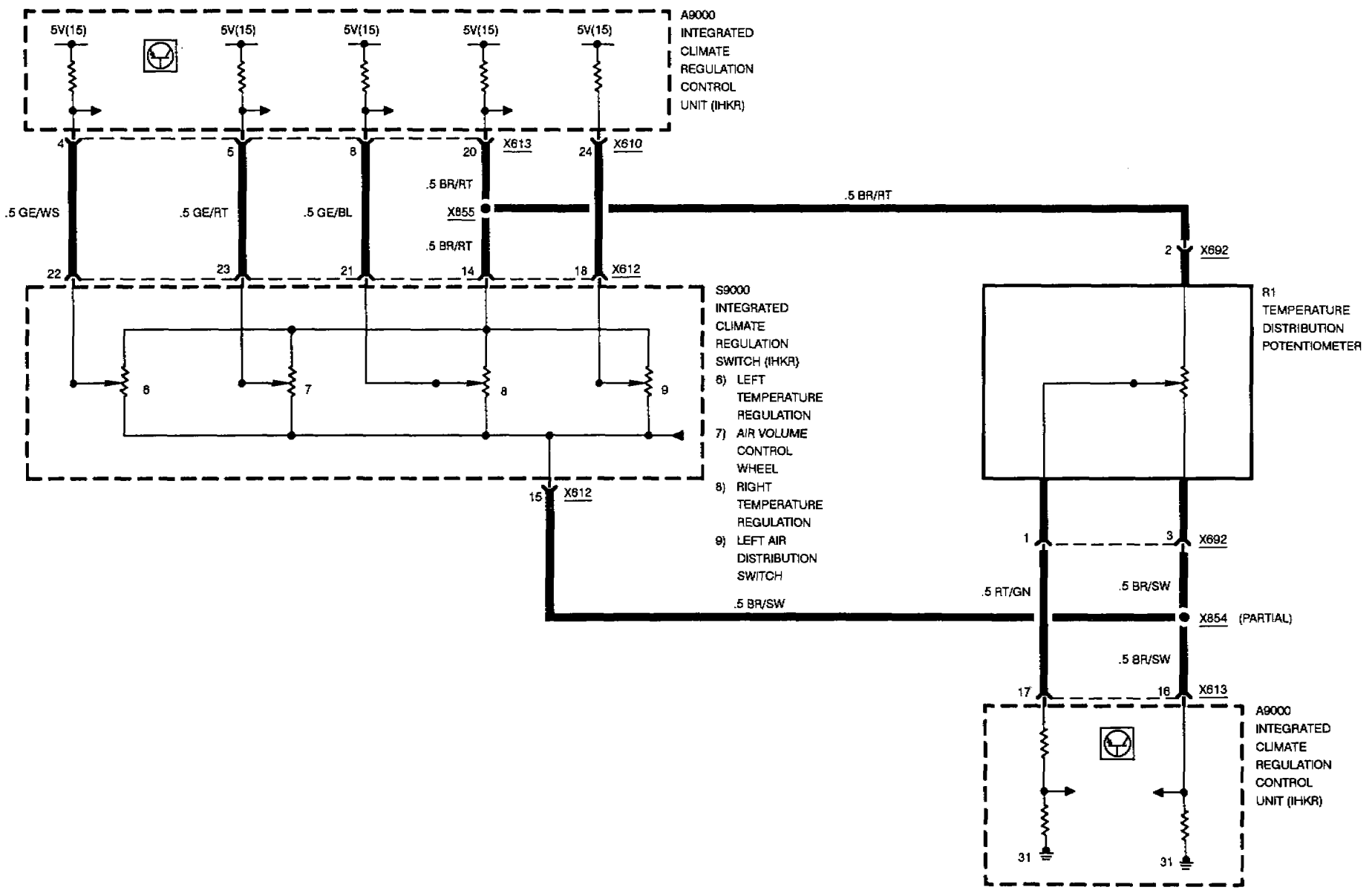
TEMPERATURE CONTROLS



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INTEGRATED CLIMATE REGULATION (IHKR)

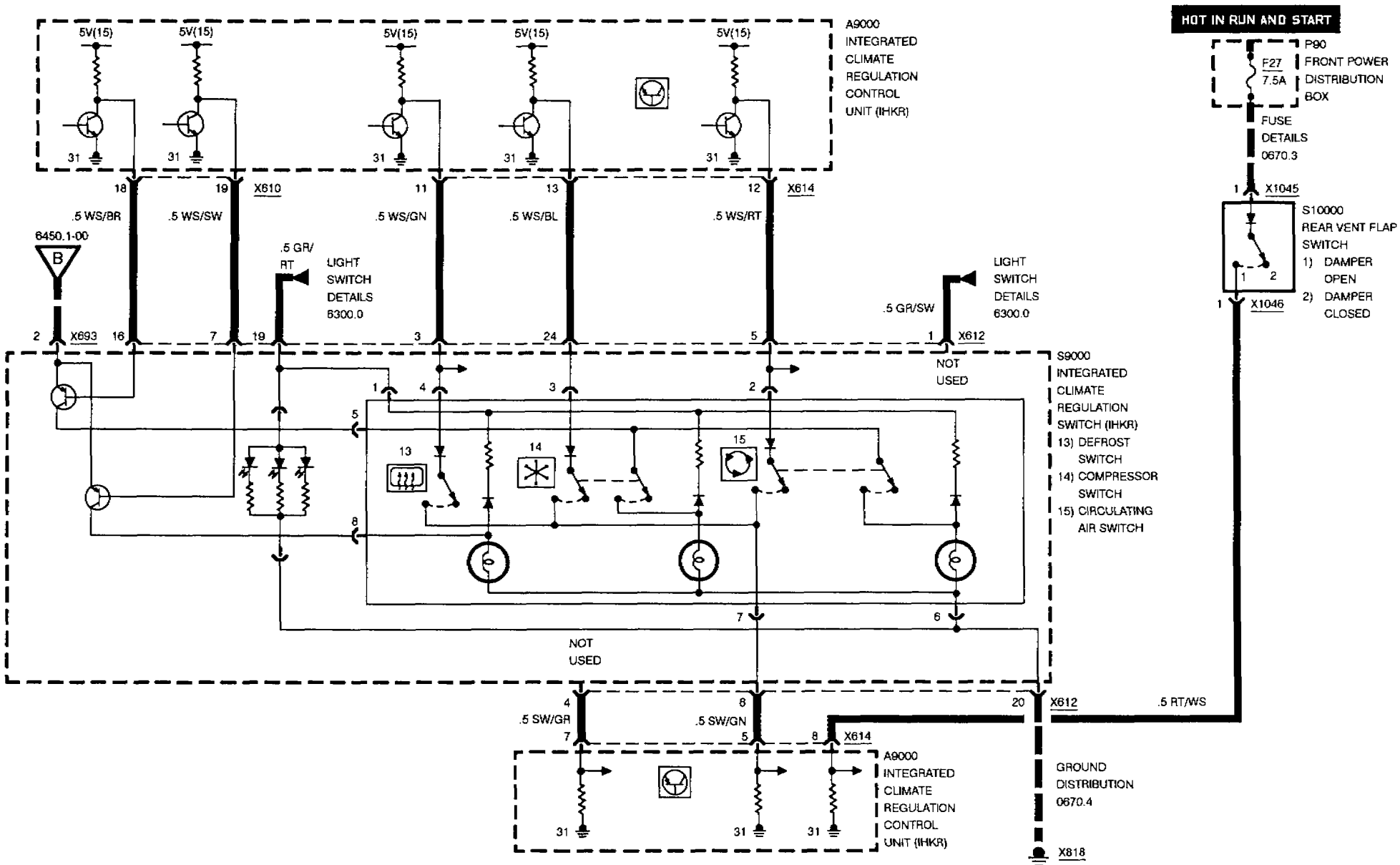
TEMPERATURE CONTROLS



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INTEGRATED CLIMATE REGULATION (IHKR)

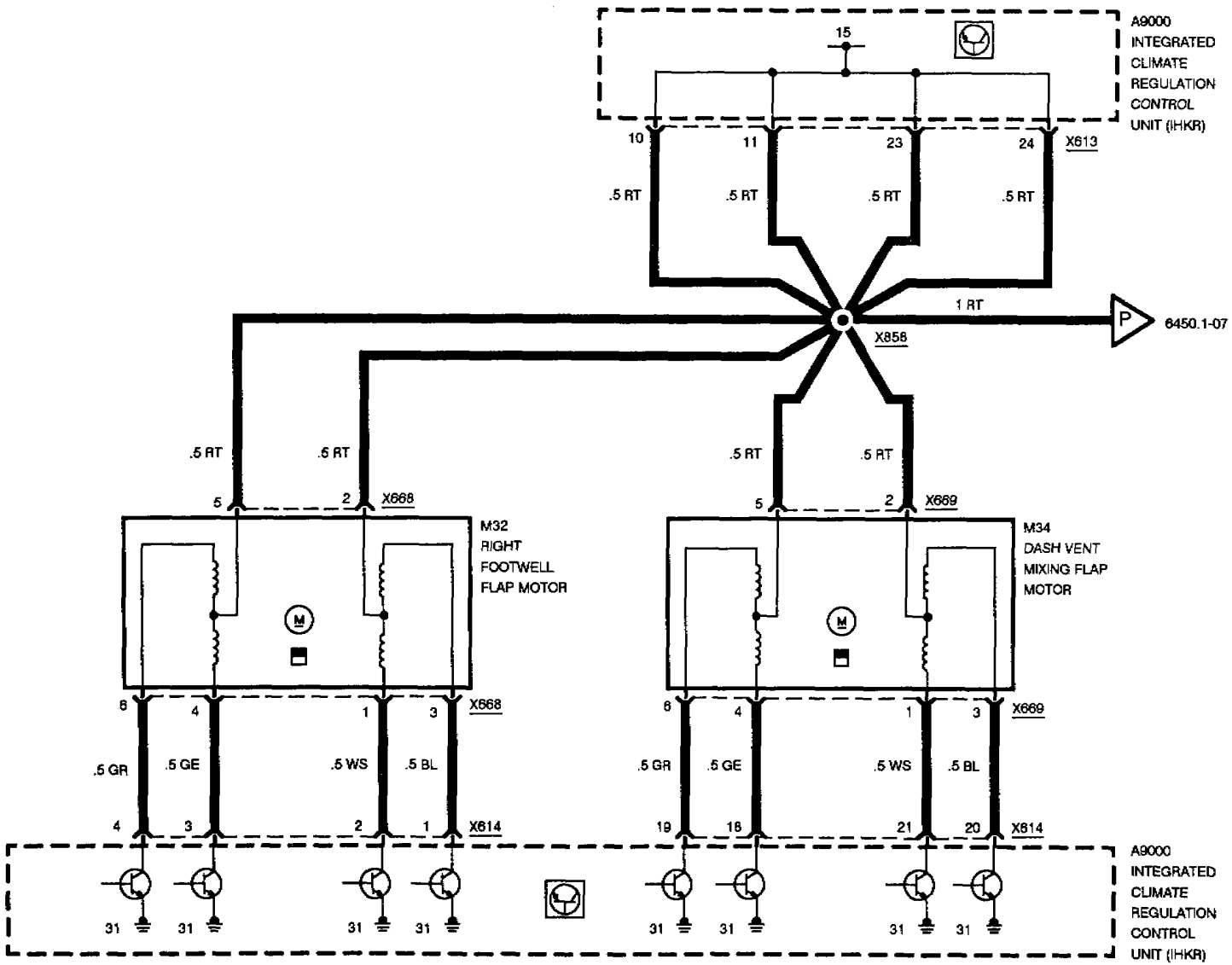
AIR DELIVERY



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INTEGRATED CLIMATE REGULATION (IHKR)

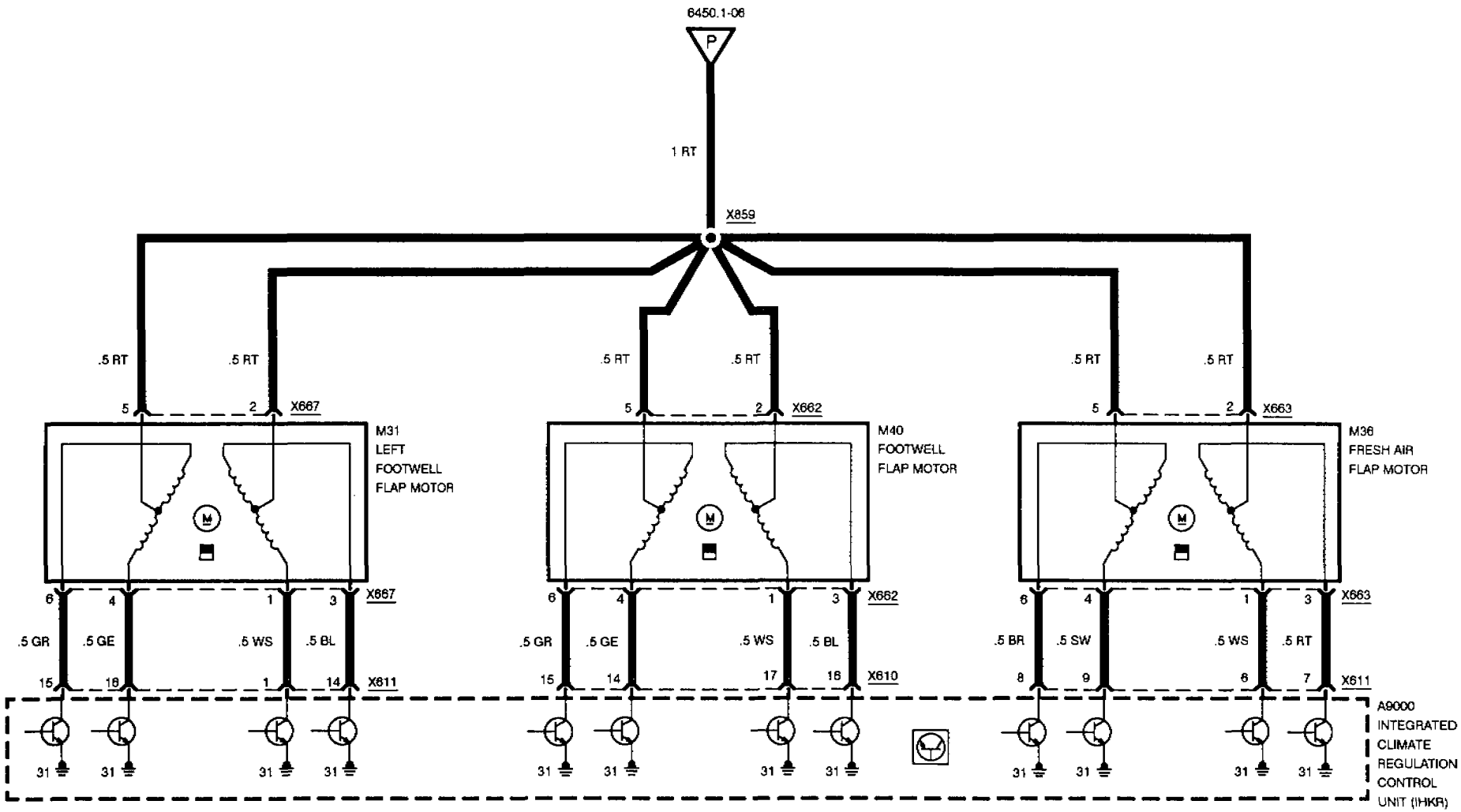
AIR DELIVERY



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INTEGRATED CLIMATE REGULATION (IHKR)

AIR DELIVERY

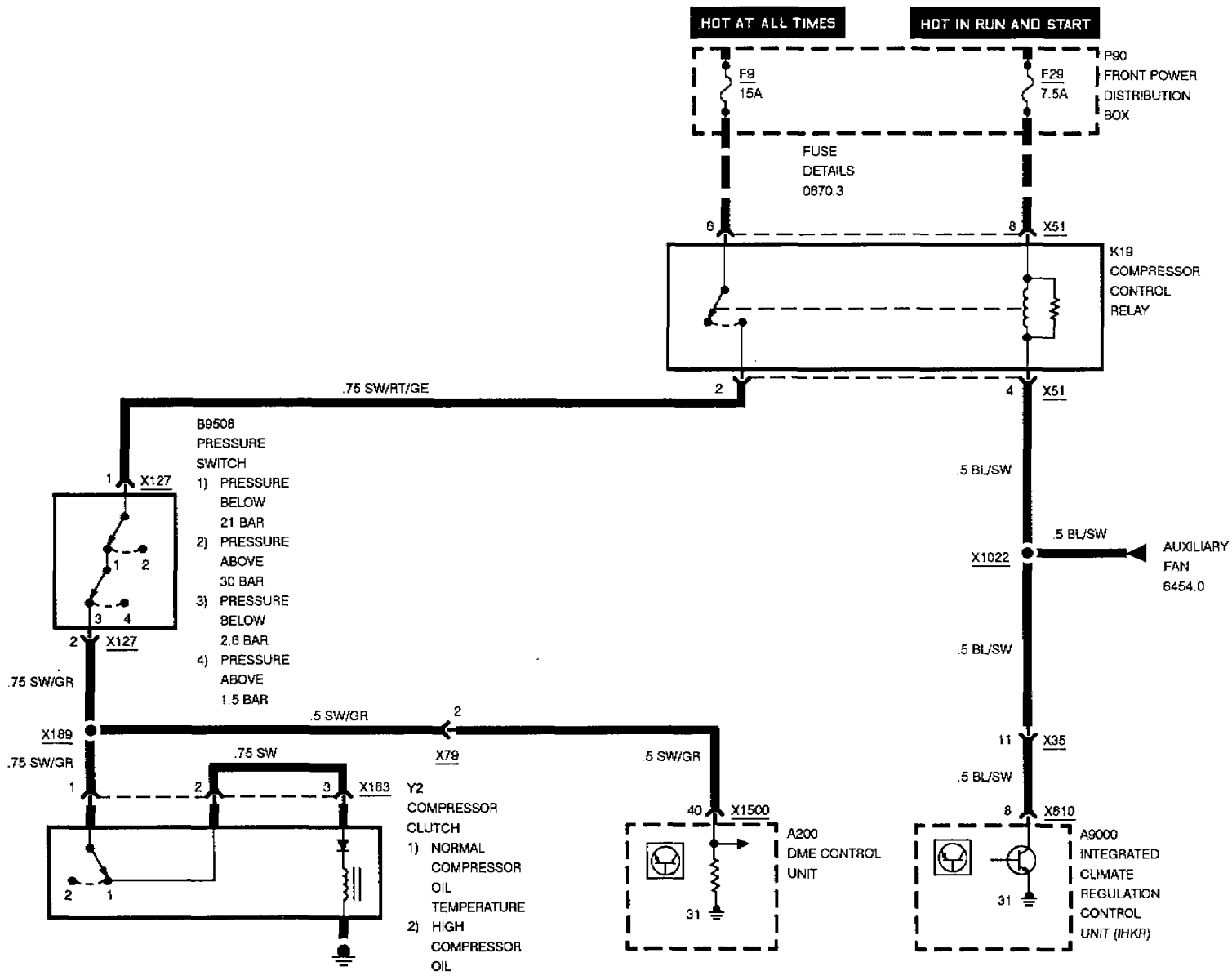


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INTEGRATED CLIMATE REGULATION (IHKR)

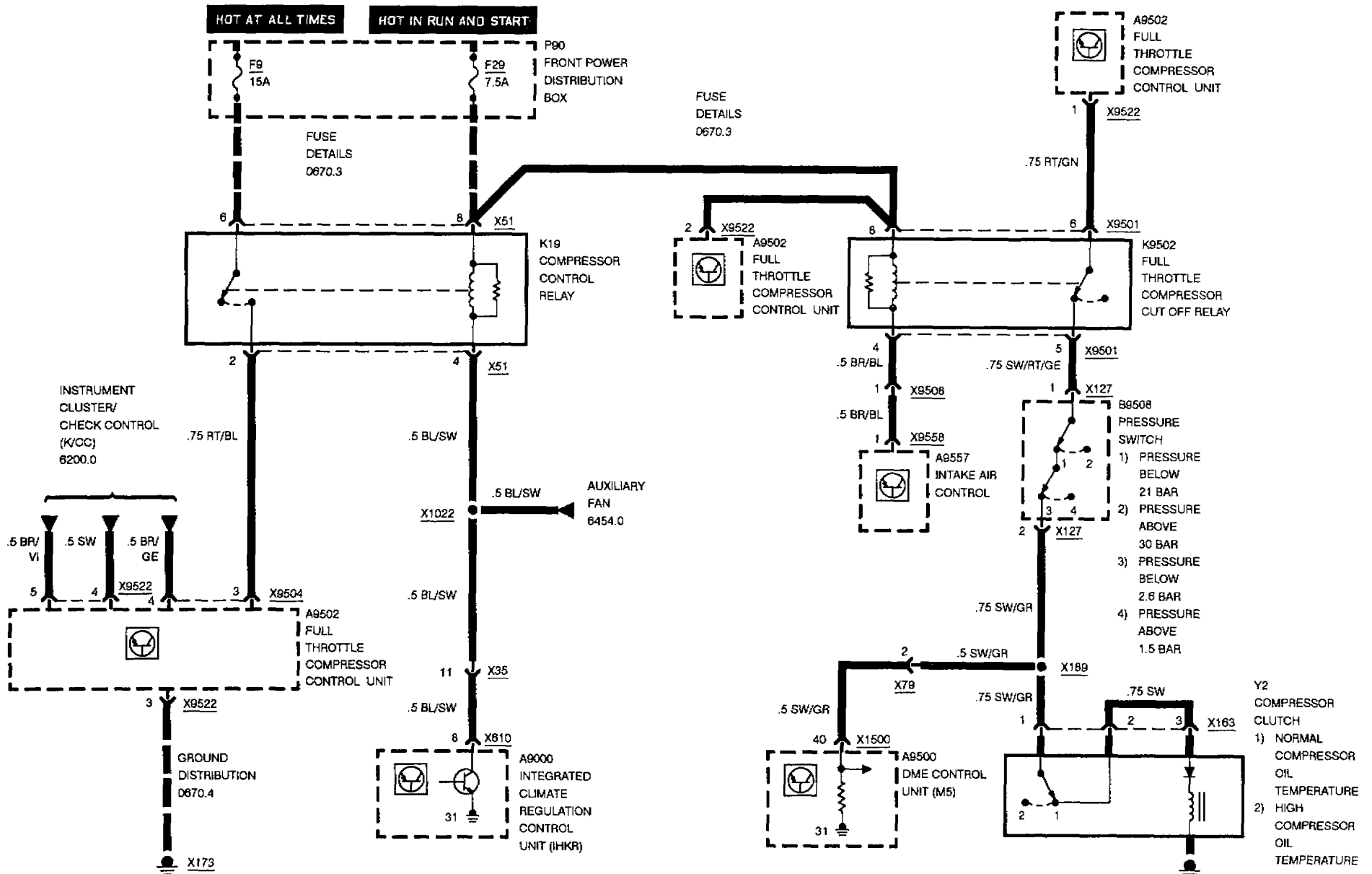
COMPRESSOR CONTROLS

525i, 535i



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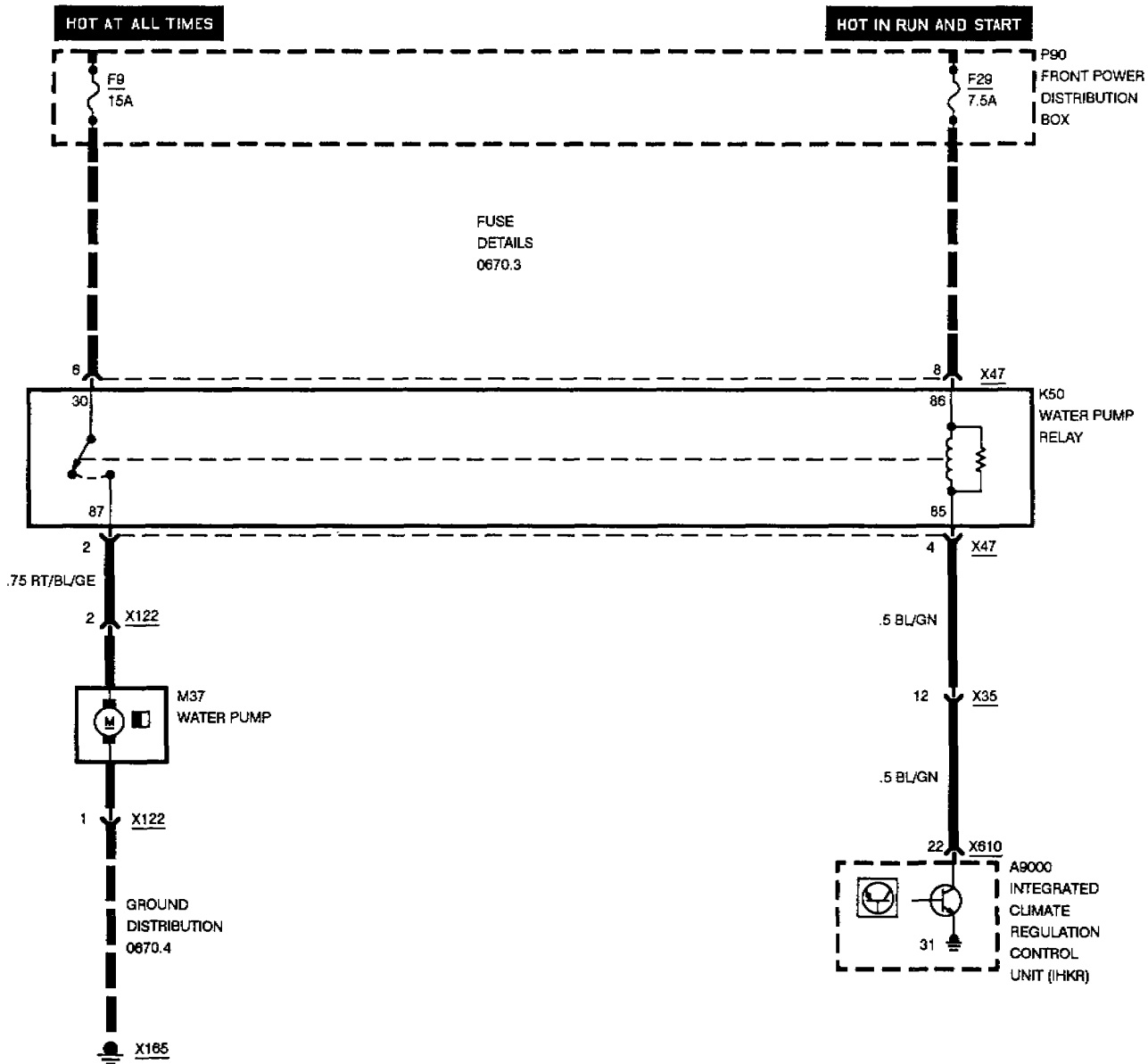
COMPRESSOR CONTROLS



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INTEGRATED CLIMATE REGULATION (IHKR)

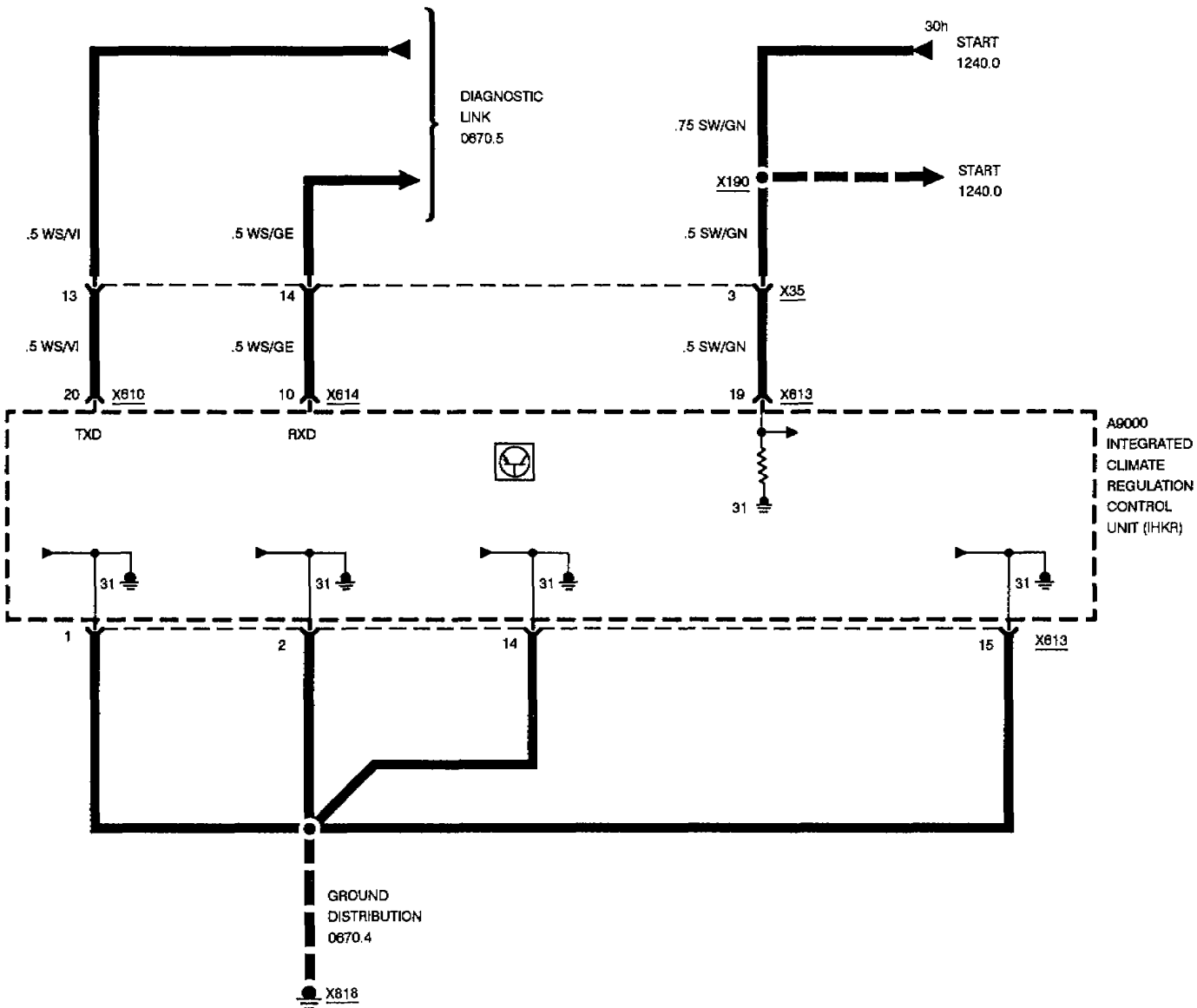
AUXILIARY WATER PUMP



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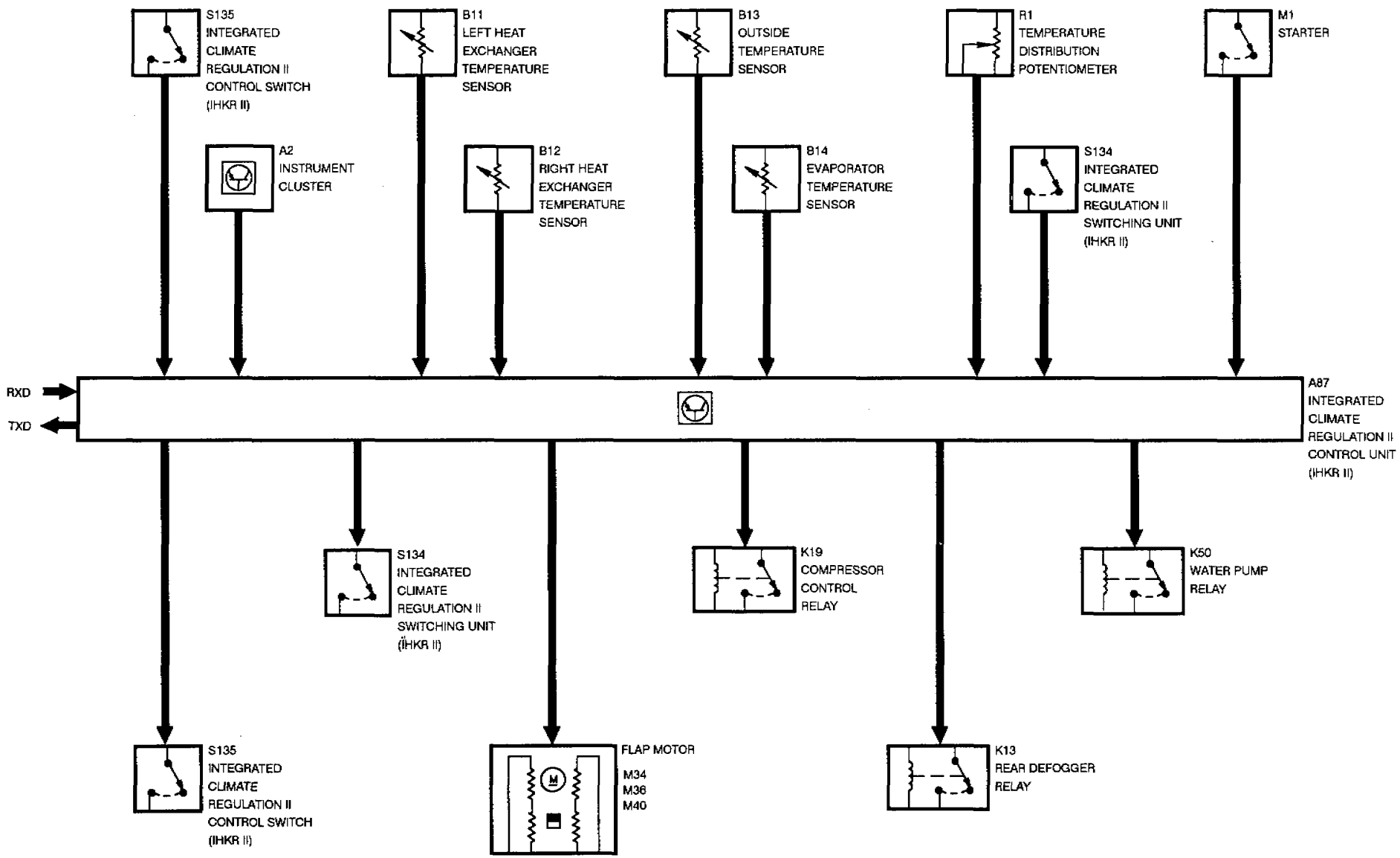
INTEGRATED CLIMATE REGULATION (IHKR)

DIAGNOSTIC LINK AND STARTER INPUT



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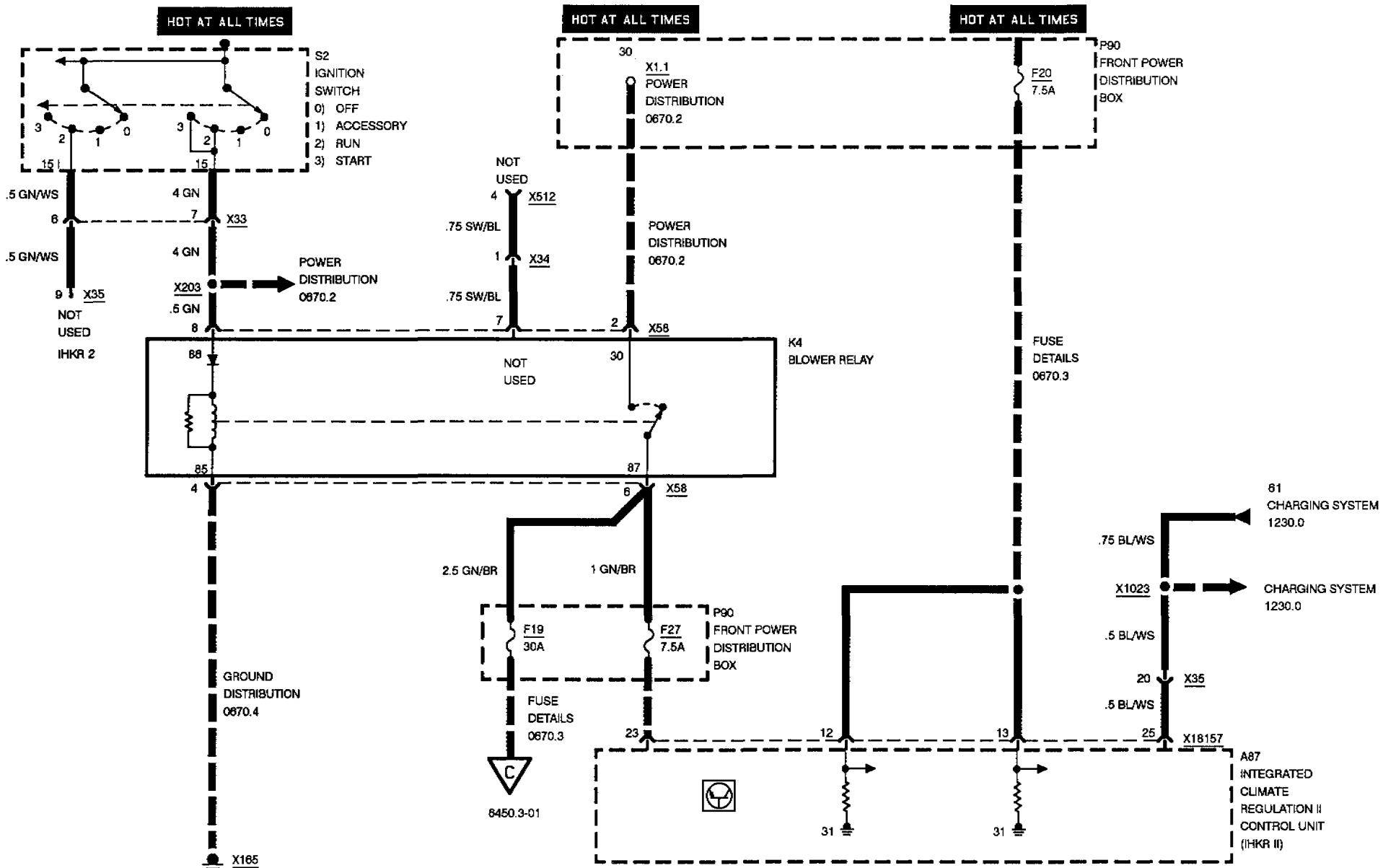
INTEGRATED CLIMATE REGULATION II (IHKR II)



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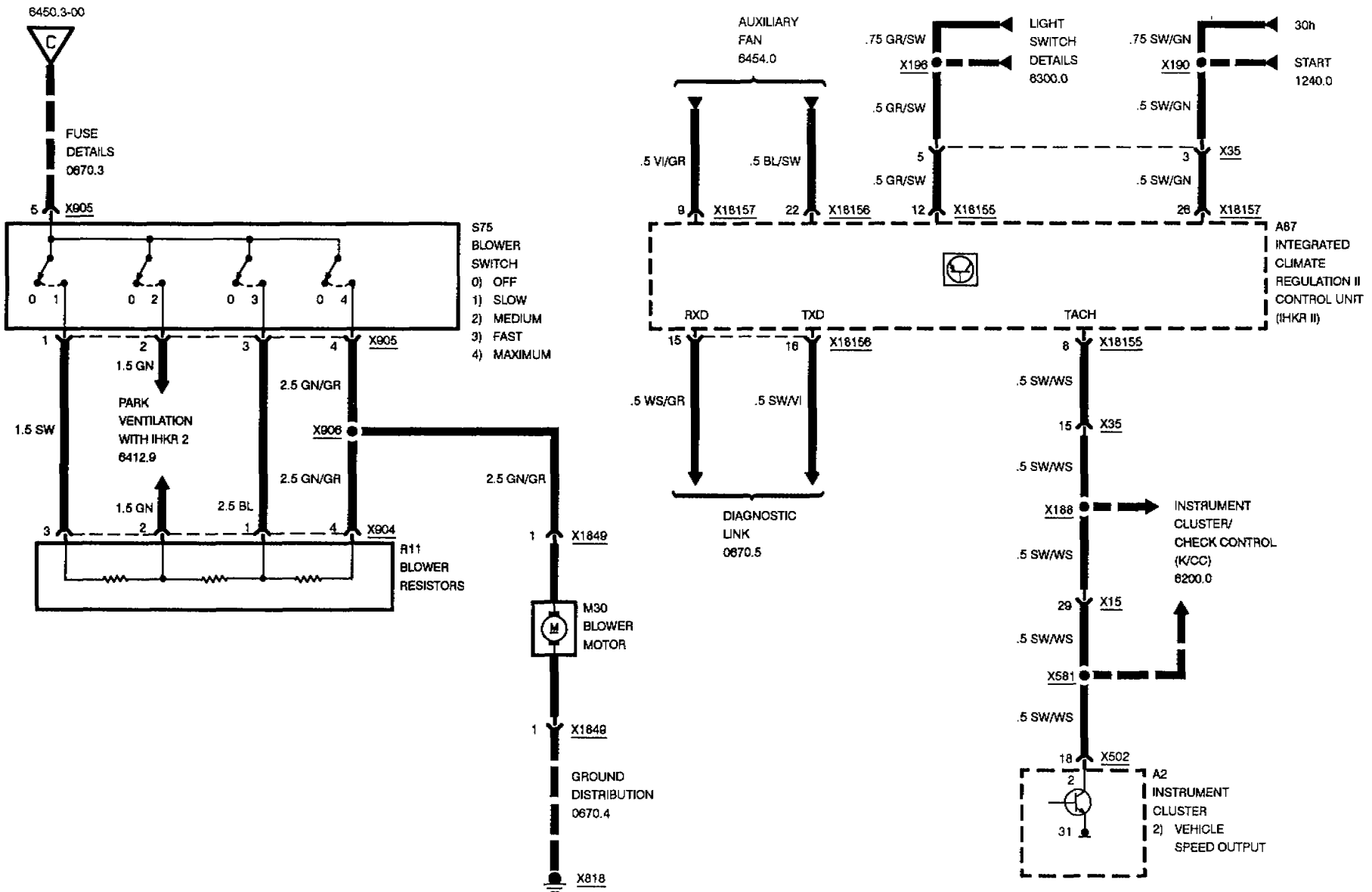
INTEGRATED CLIMATE REGULATION II (IHKR II)

POWER



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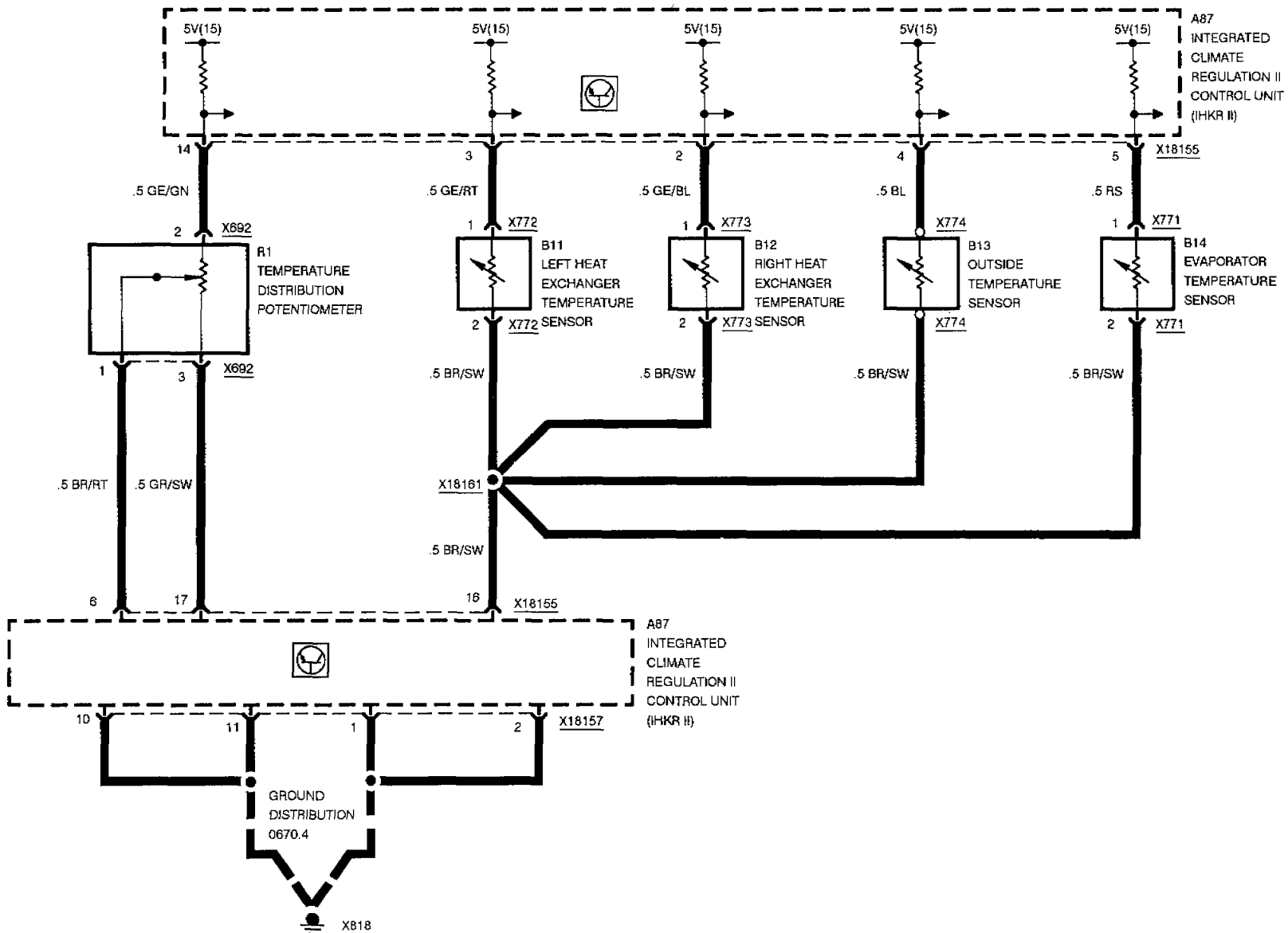
INTEGRATED CLIMATE REGULATION II (IHKR II)



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INTEGRATED CLIMATE REGULATION II (IHKR II)

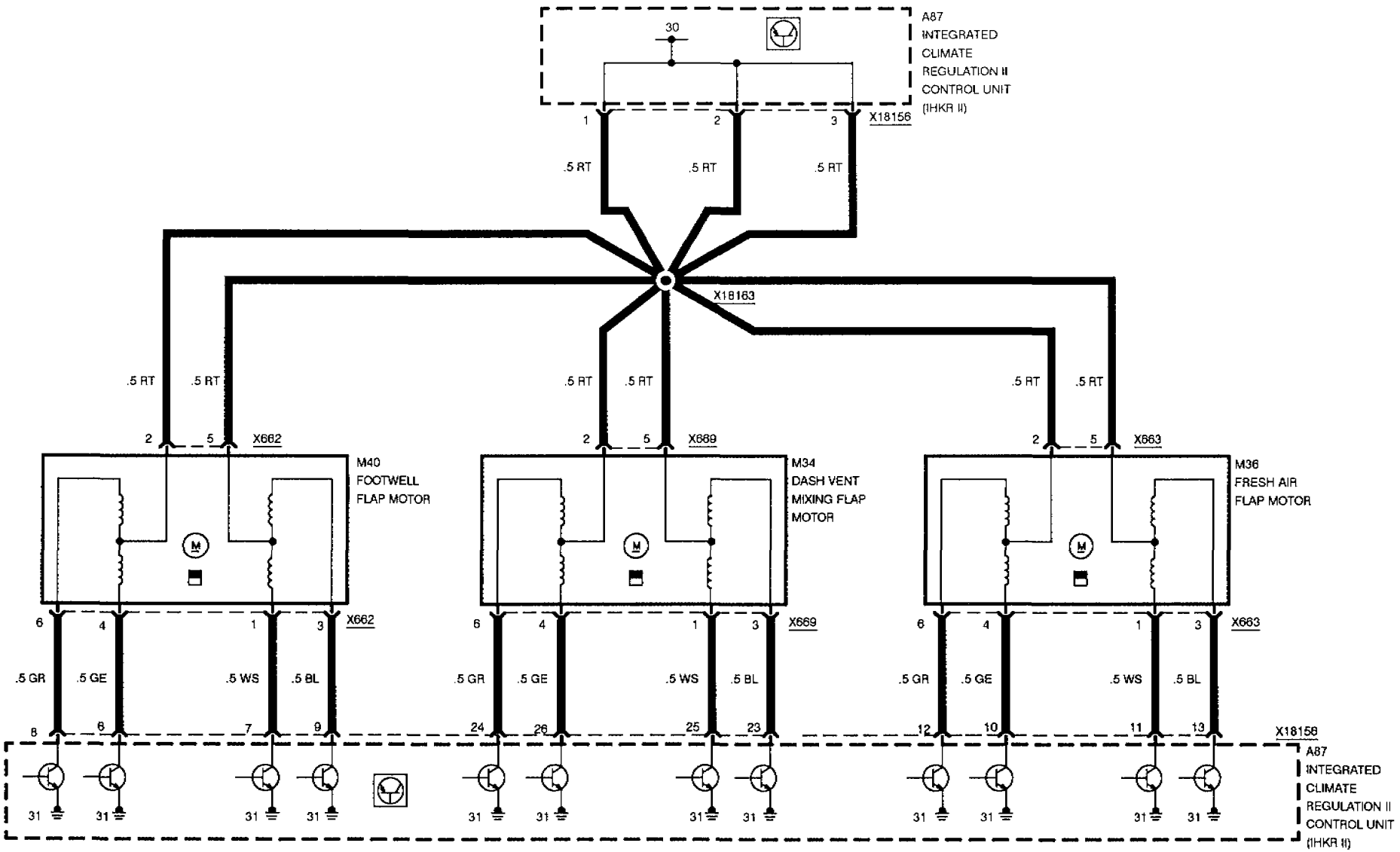
TEMPERATURE CONTROLS



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INTEGRATED CLIMATE REGULATION II (IHKR II)

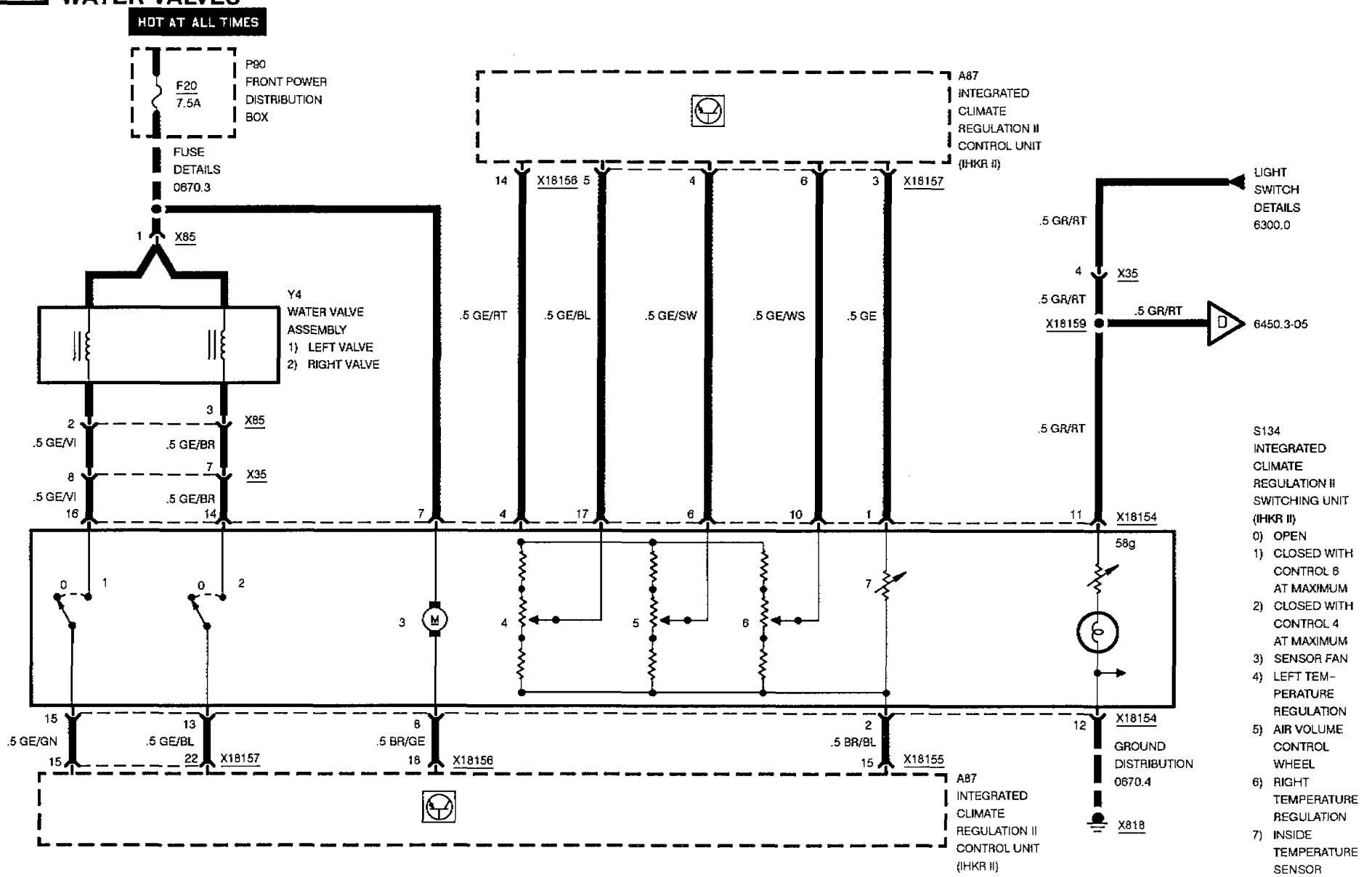
AIR DELIVERY



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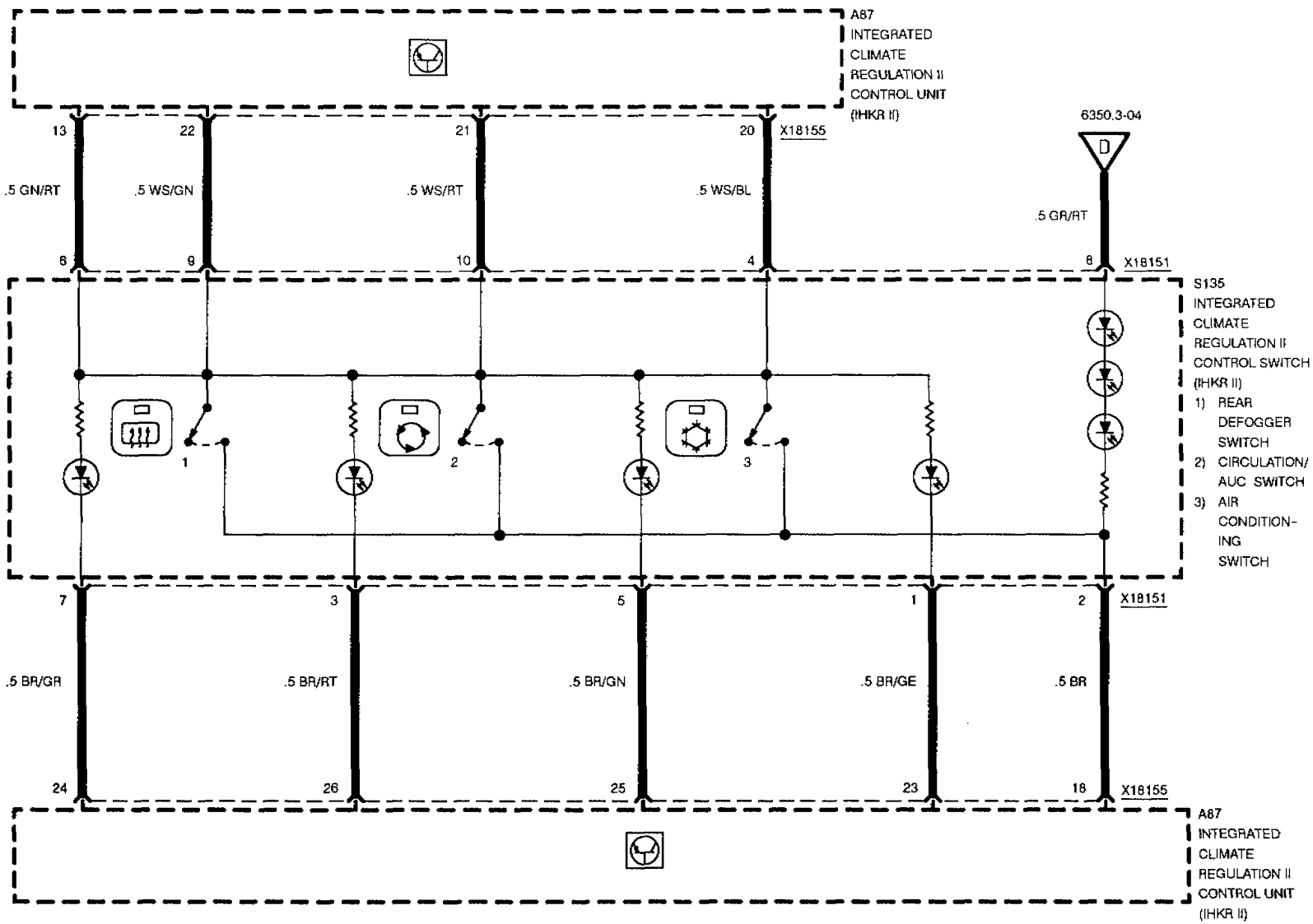
INTEGRATED CLIMATE REGULATION II (IHKR II)

WATER VALVES



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INTEGRATED CLIMATE REGULATION II (IHKR II)

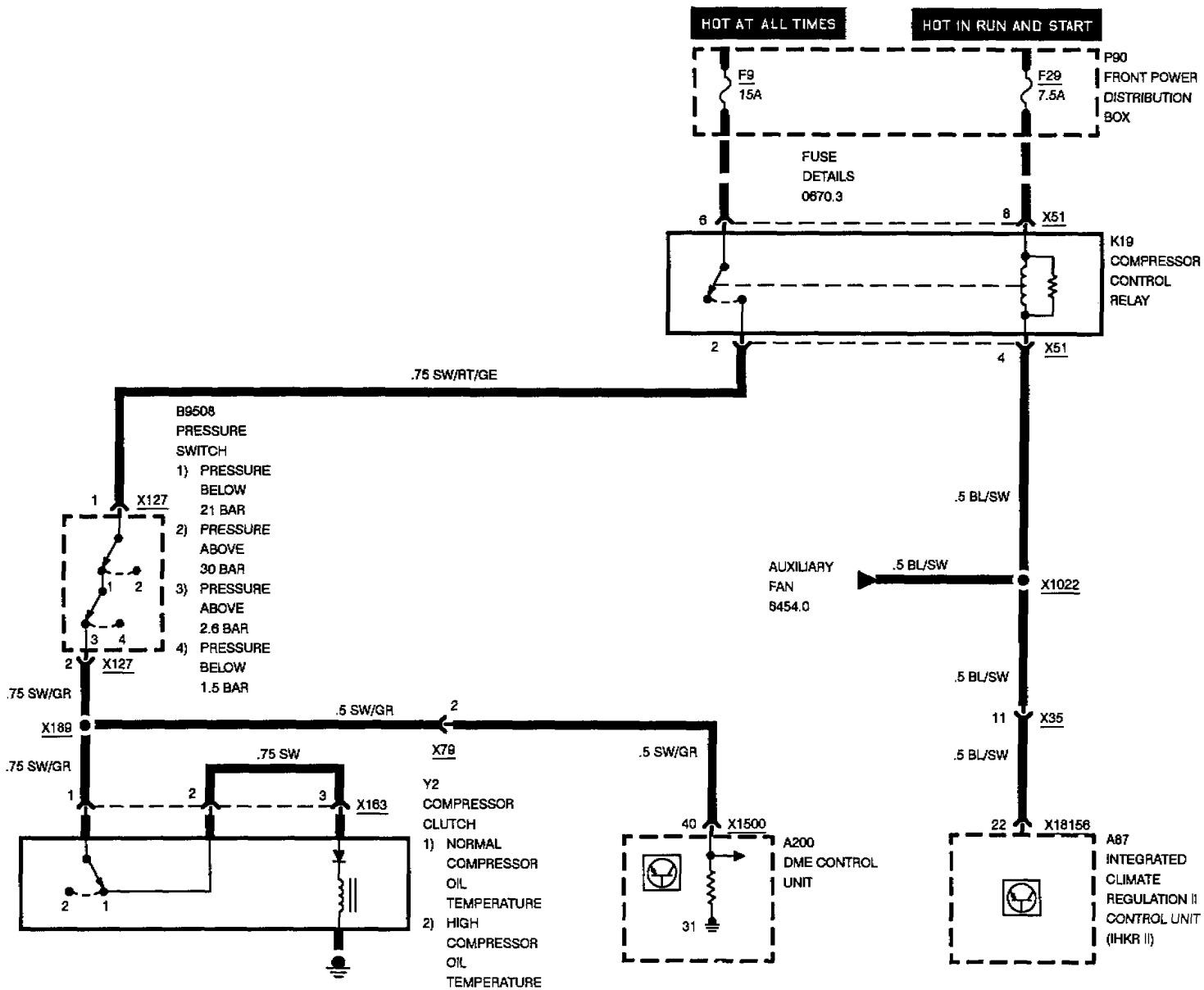


carDiagram.com

INTEGRATED CLIMATE REGULATION II (IHKR II)

COMPRESSOR CONTROLS

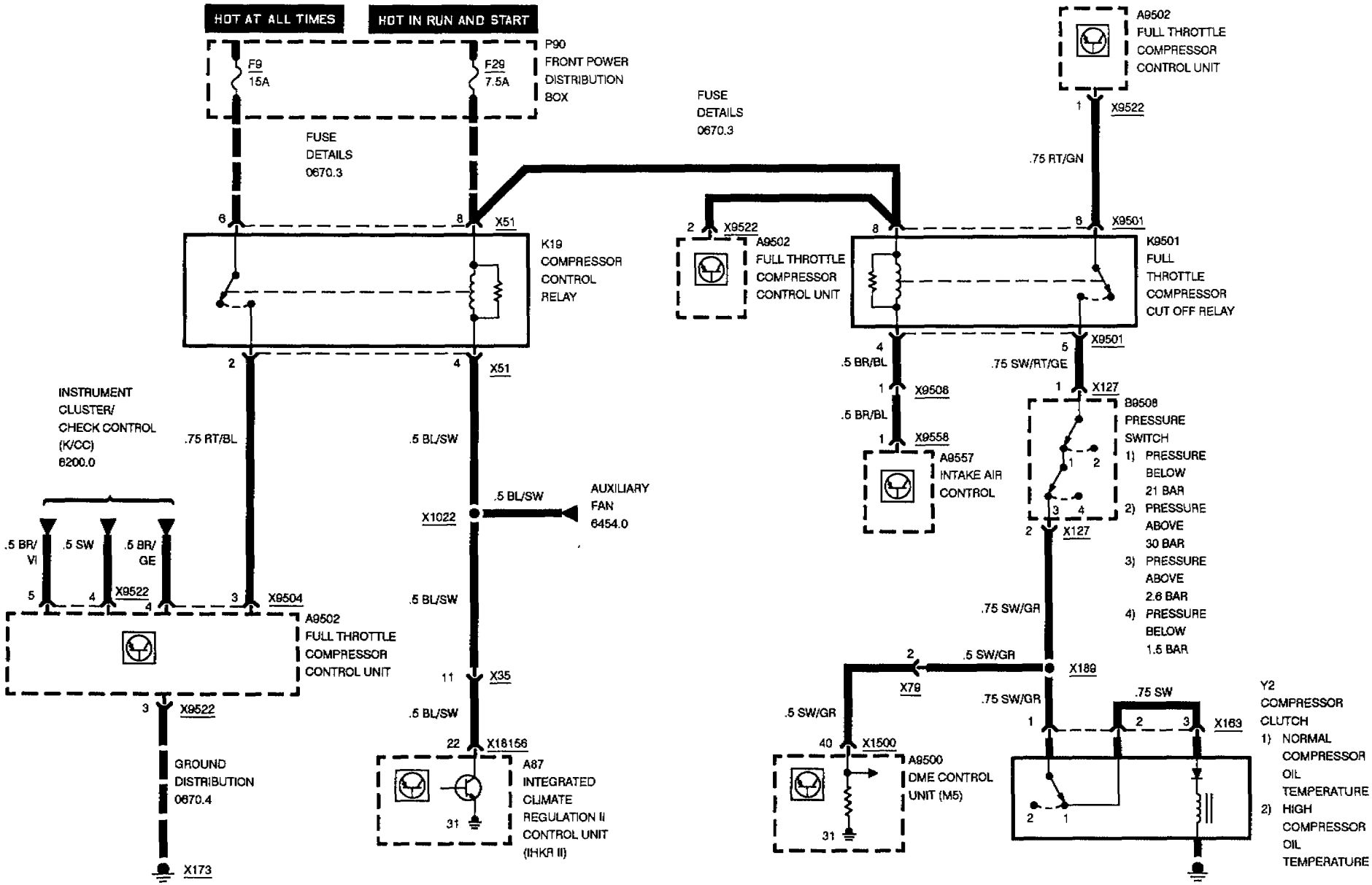
525i, 535i



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INTEGRATED CLIMATE REGULATION II (IHKR II)

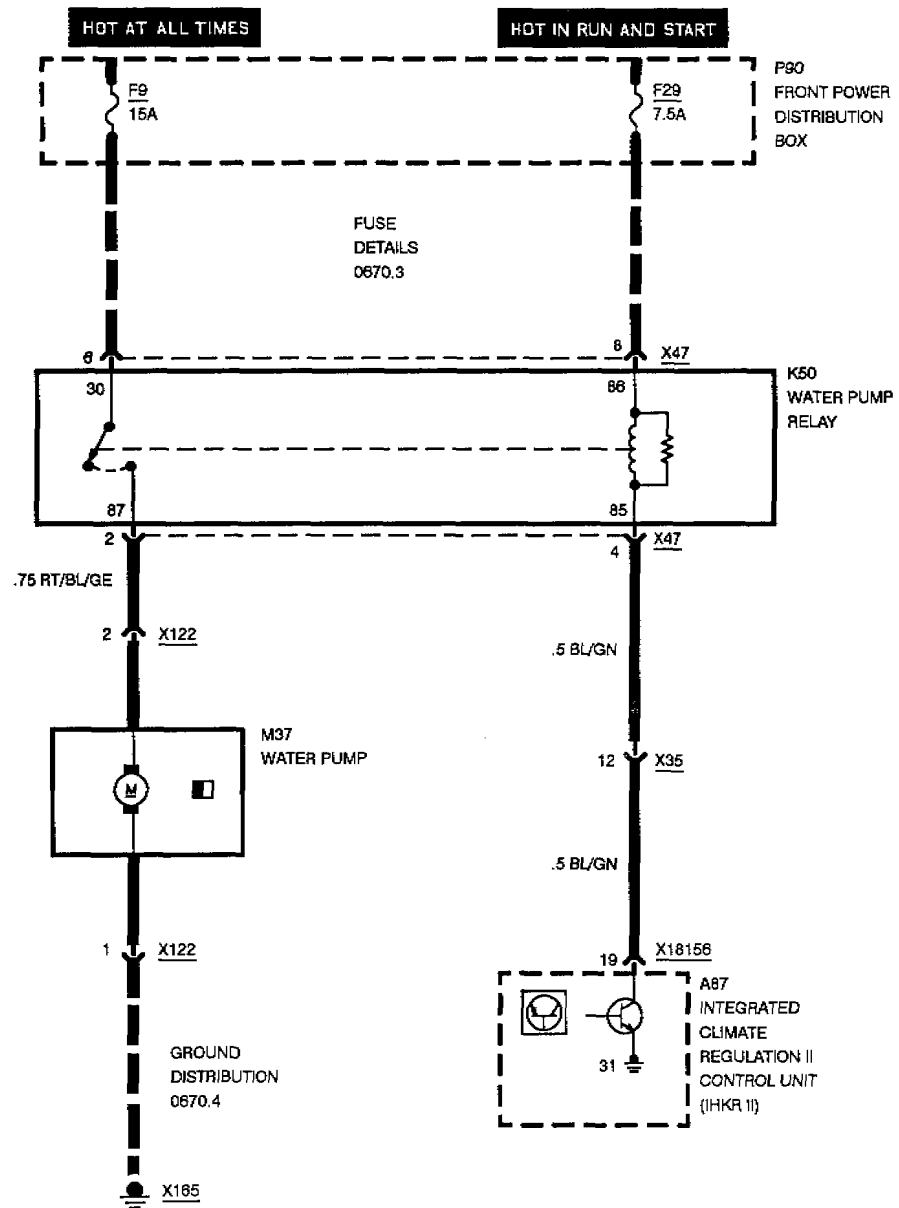
COMPRESSOR CONTROLS



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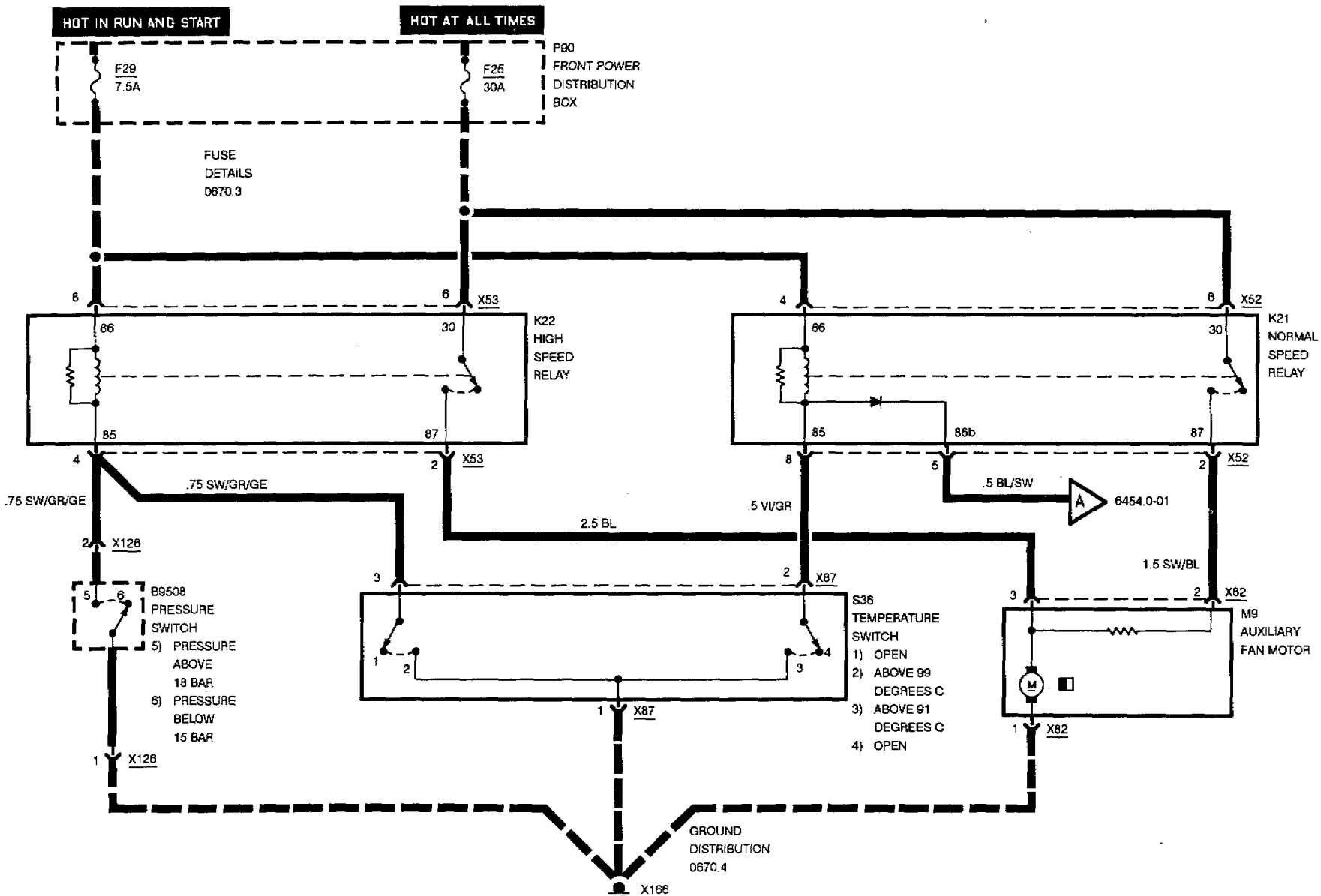
INTEGRATED CLIMATE REGULATION II (IHKR II)

AUXILIARY WATER PUMP



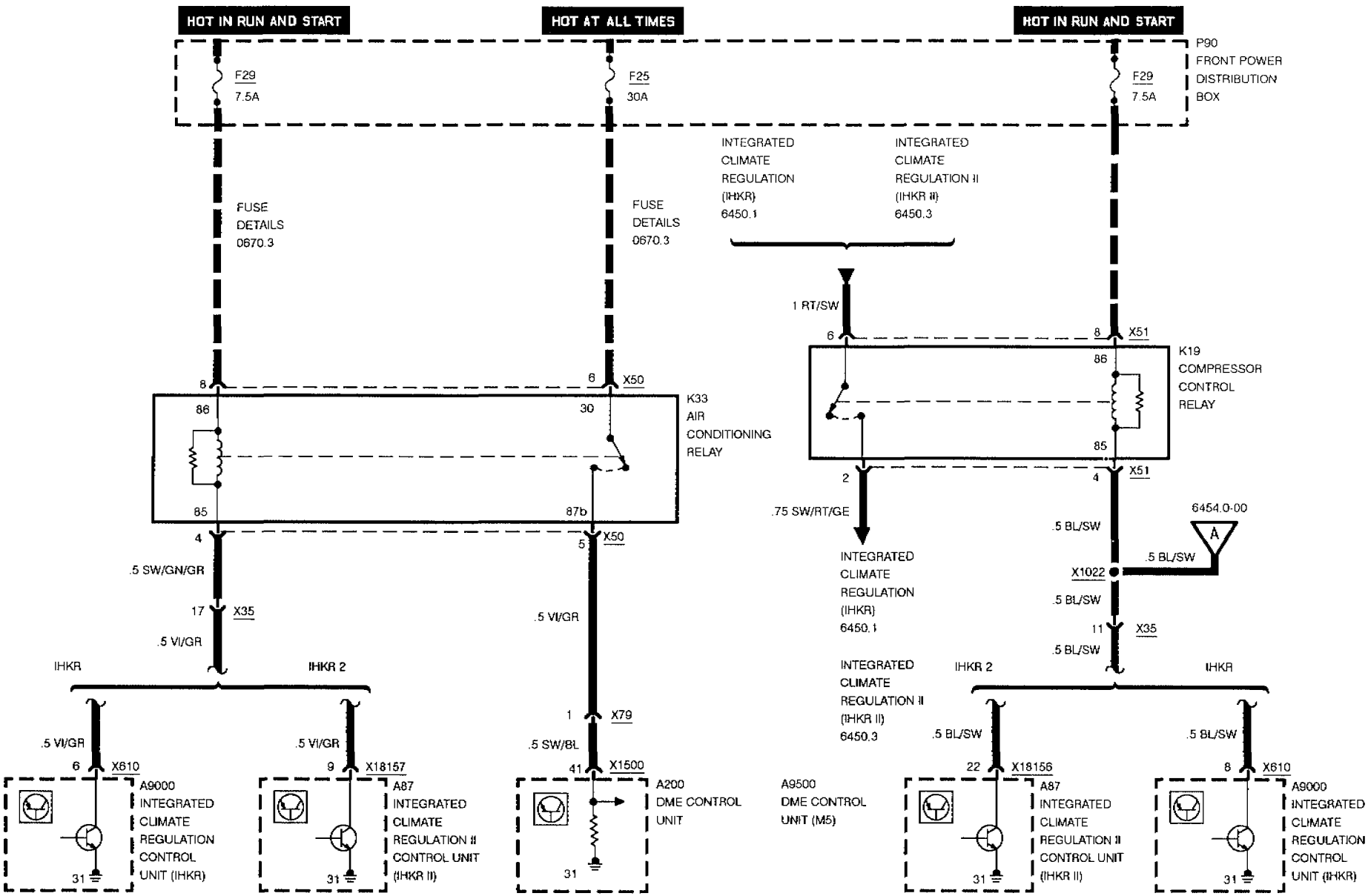
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AUXILIARY FAN



cardiagn.com

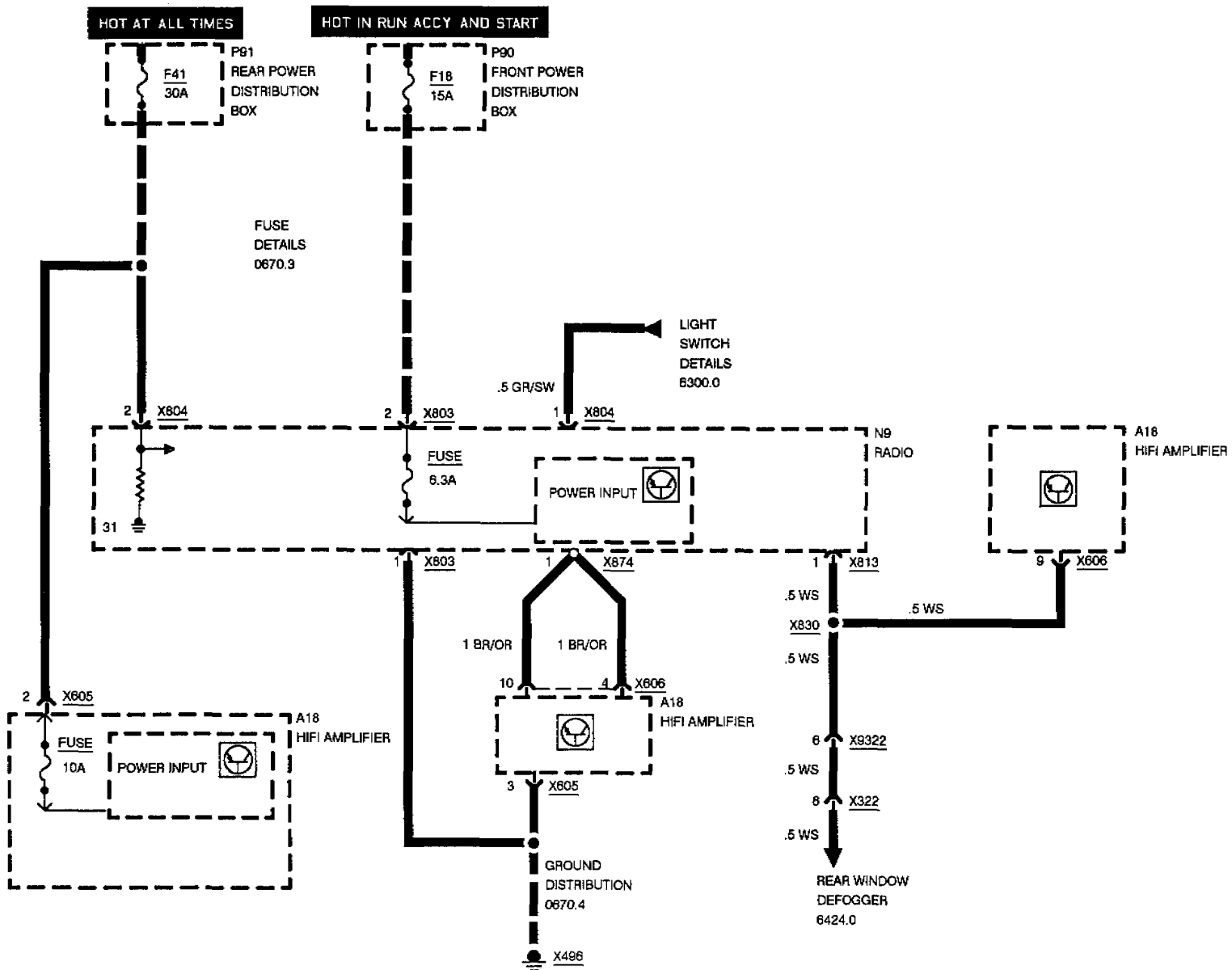
AUXILIARY FAN



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RADIO/ CD PLAYER (PROVISIONS)

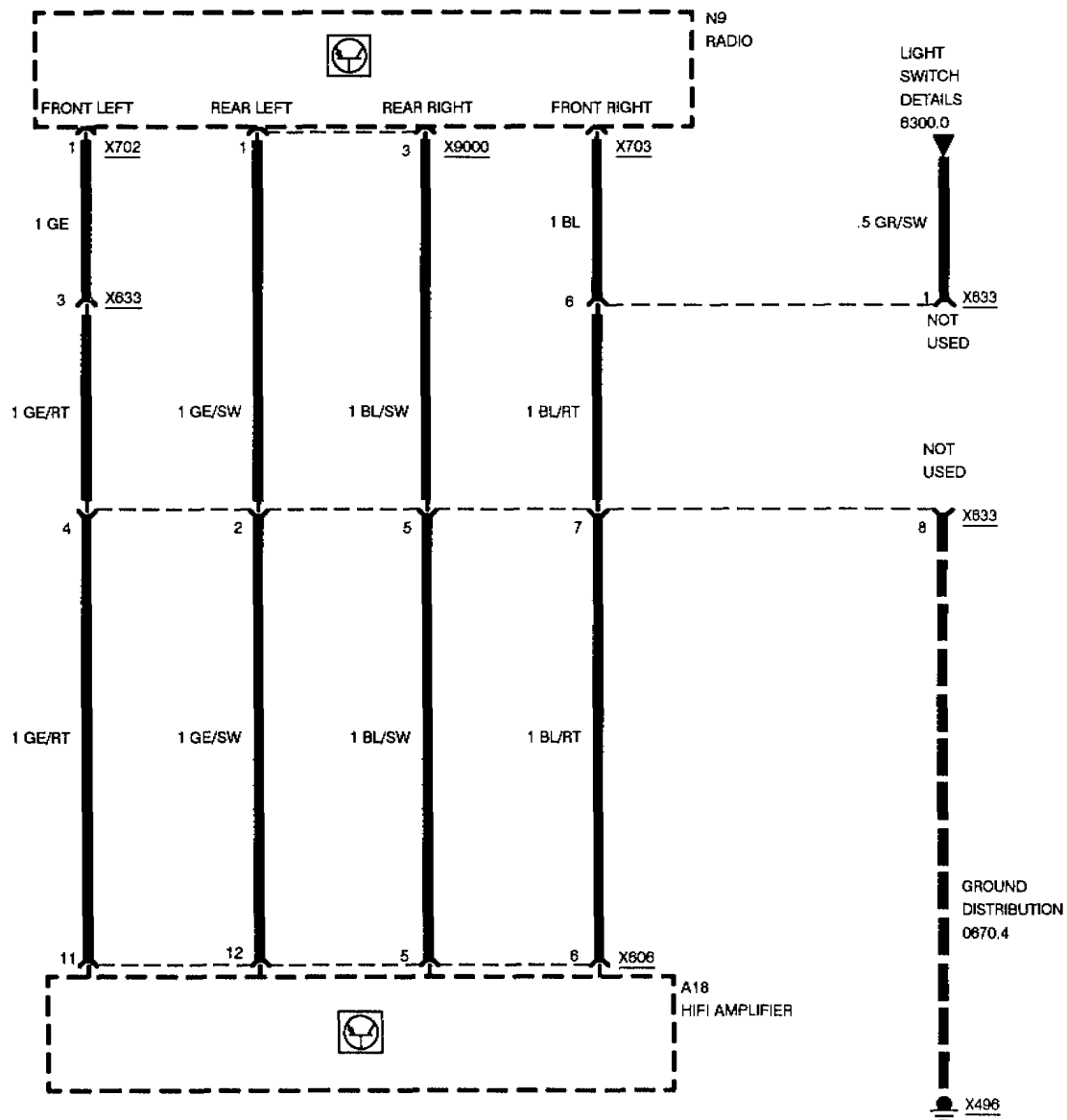
HIFI, TEN SPEAKER SYSTEM



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RADIO/ CD PLAYER (PROVISIONS)

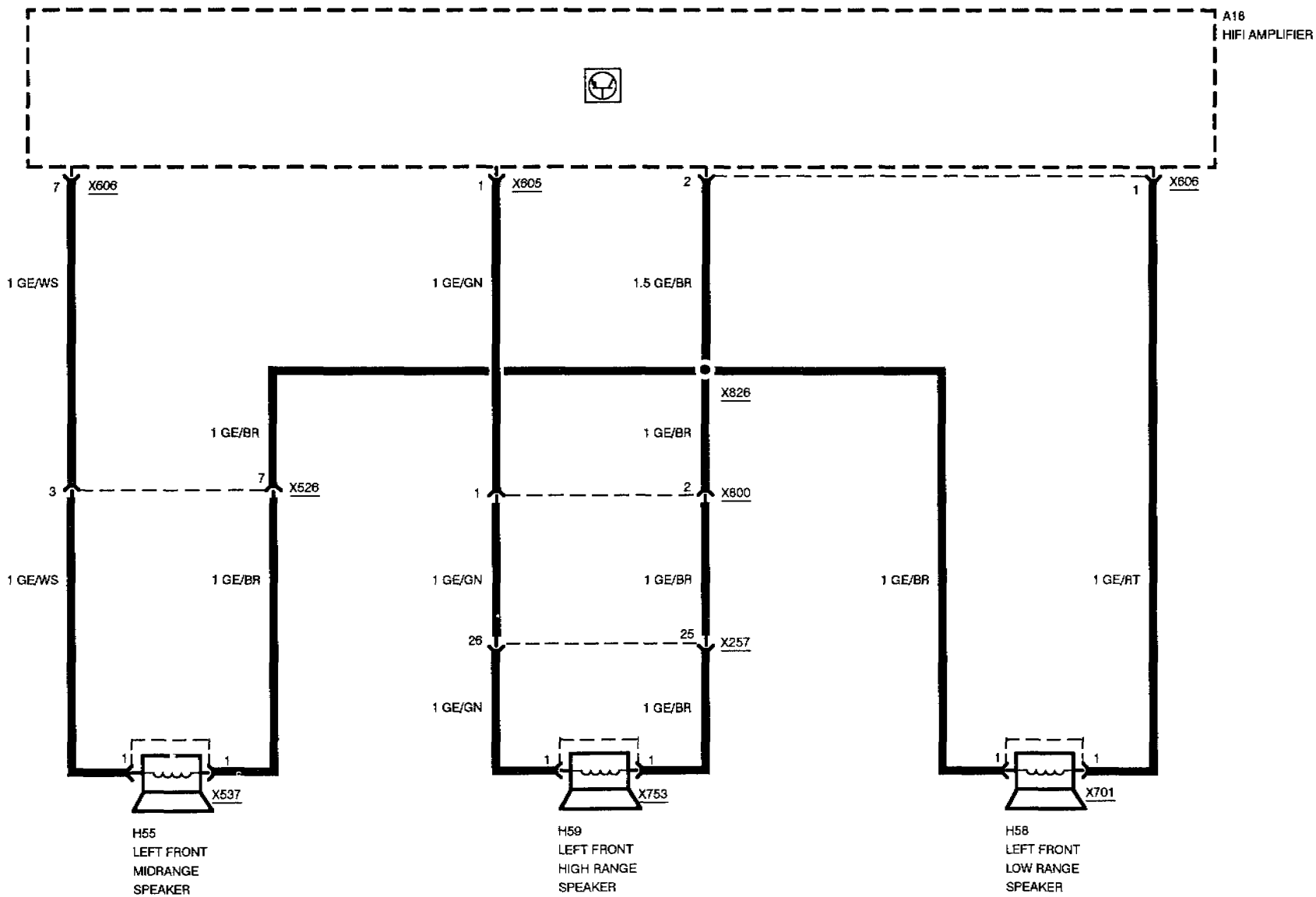
HIFI, TEN SPEAKER SYSTEM



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RADIO/ CD PLAYER (PROVISIONS)

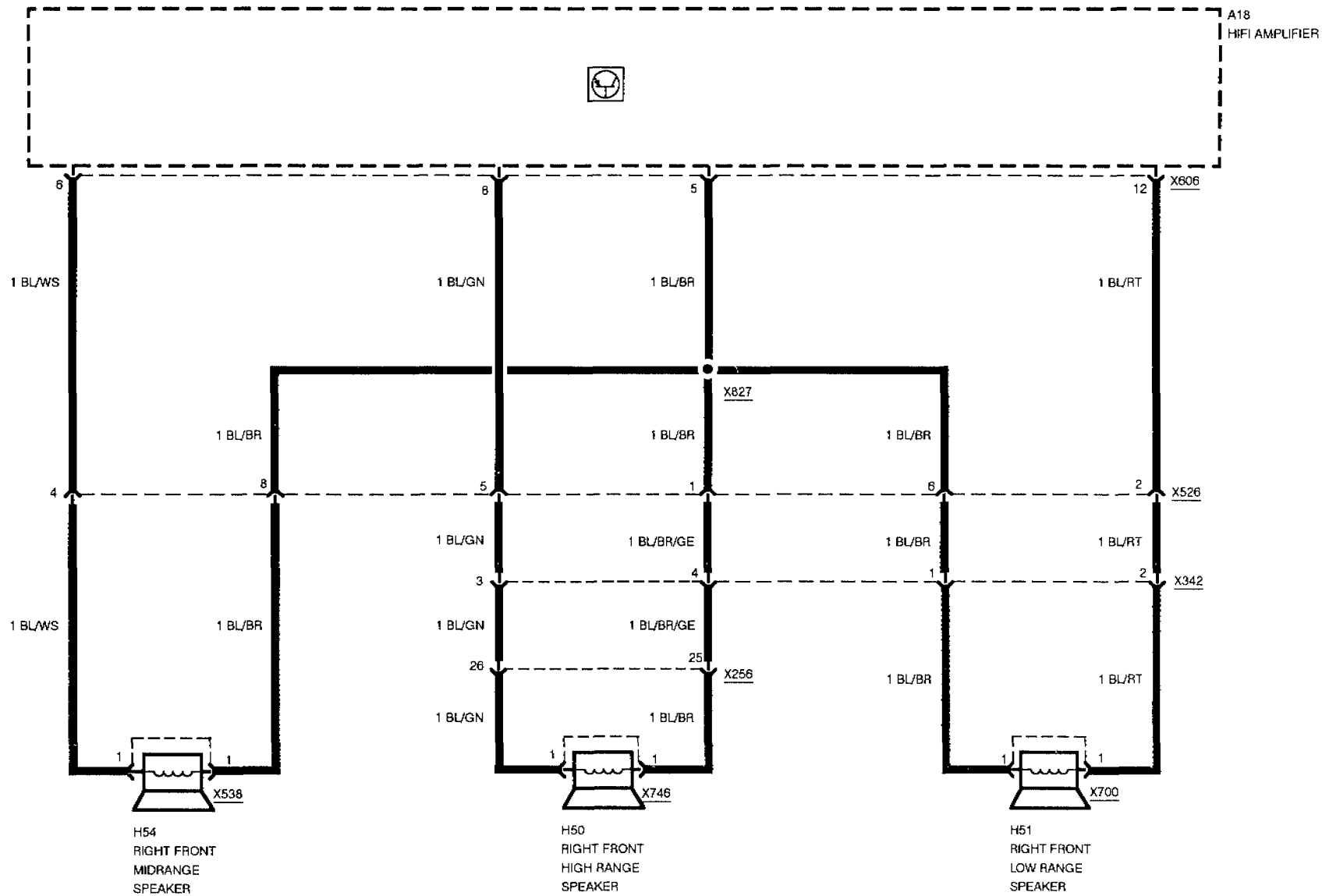
HIFI, TEN SPEAKER SYSTEM



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RADIO/ CD PLAYER (PROVISIONS)

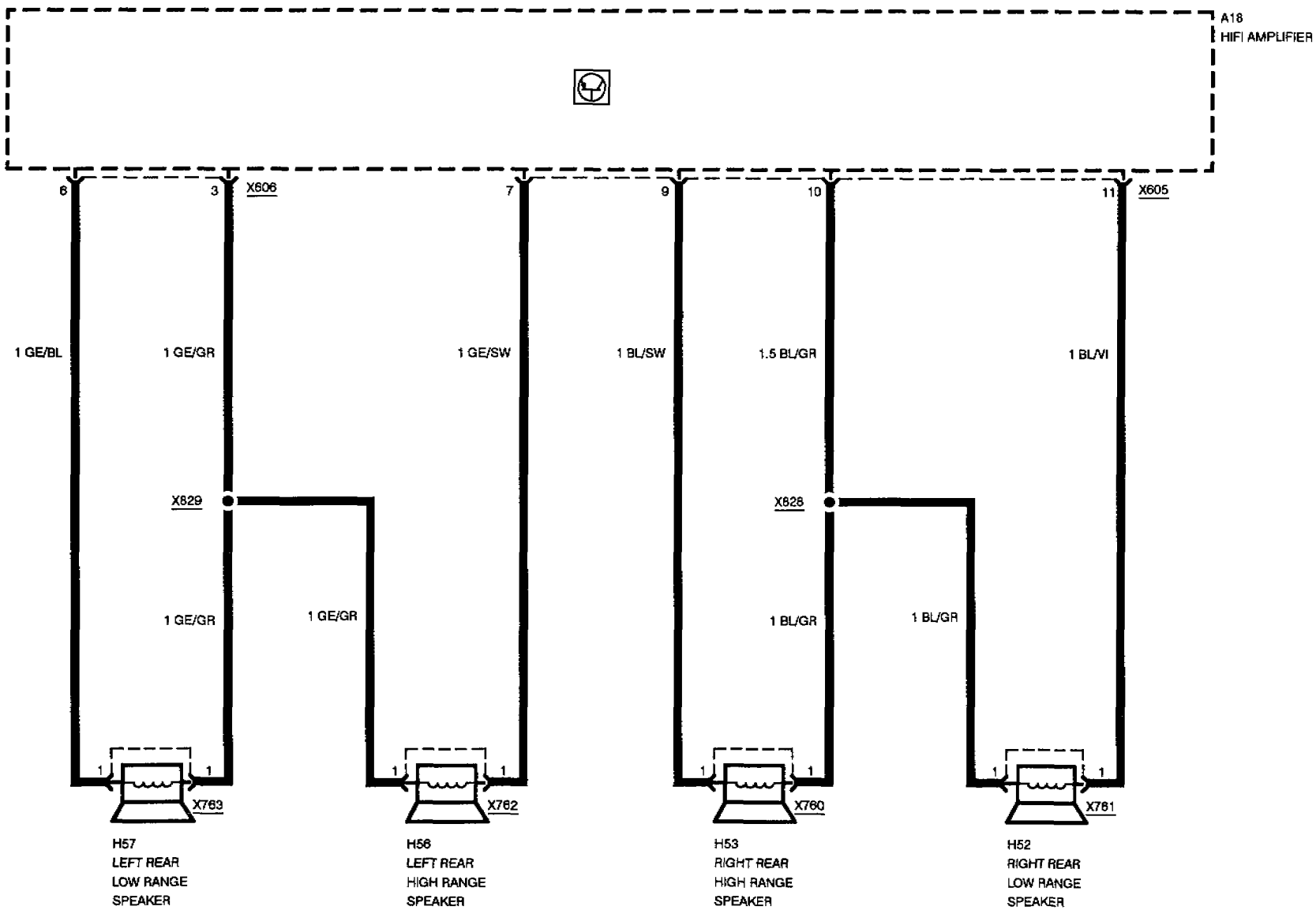
HIFI, TEN SPEAKER SYSTEM



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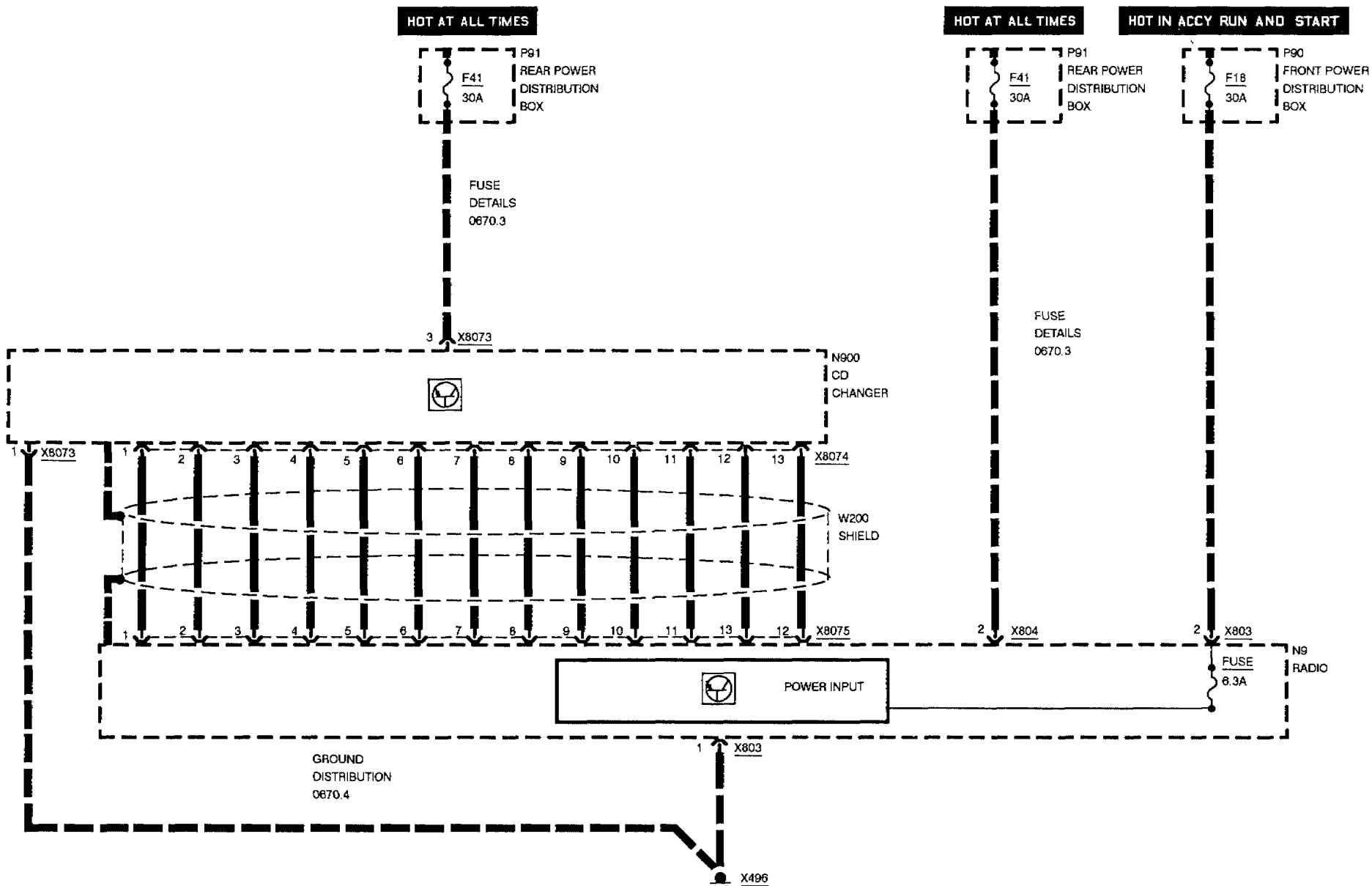
RADIO/ CD PLAYER (PROVISIONS)

HIFI, TEN SPEAKER SYSTEM



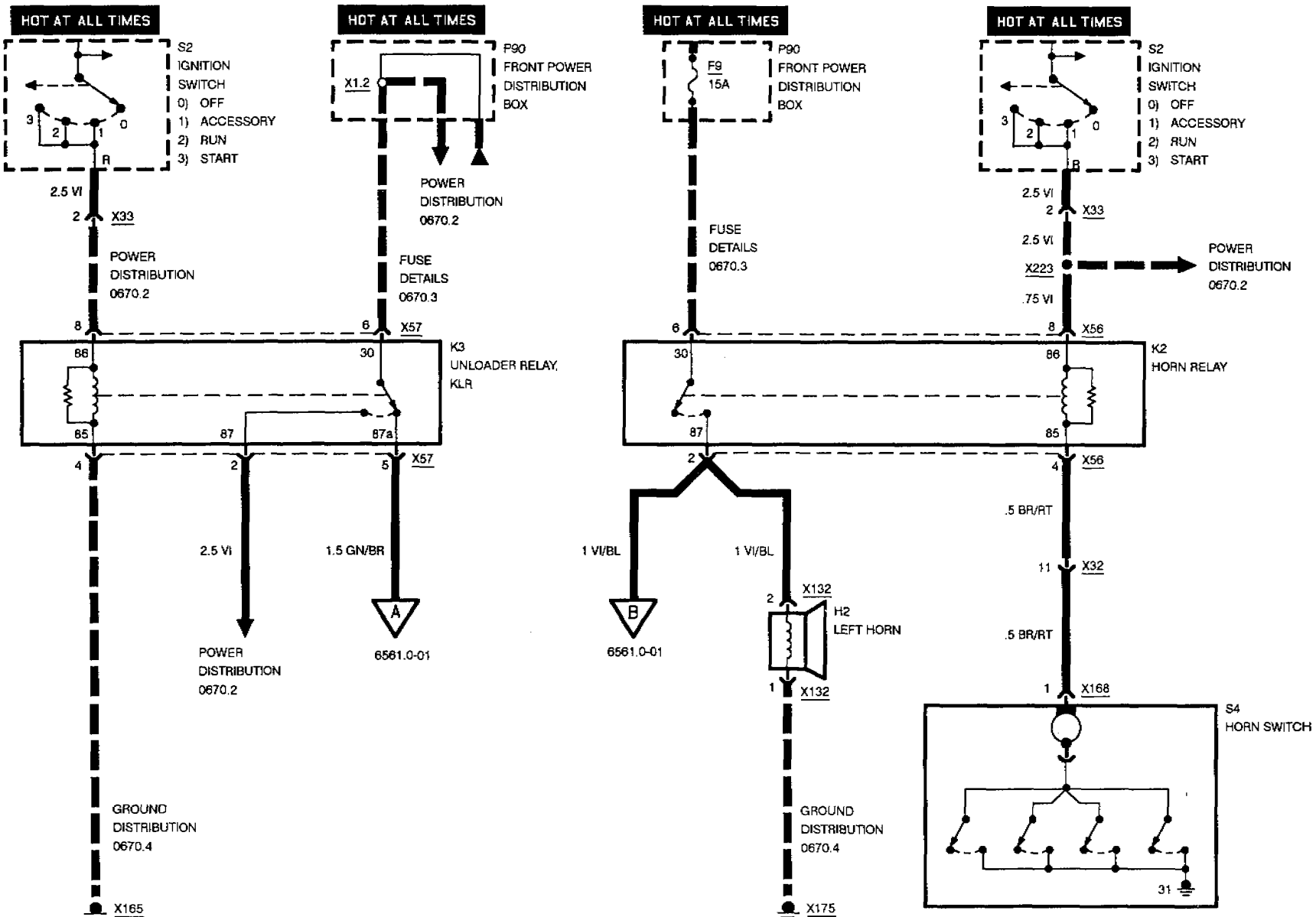
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RADIO/ CD PLAYER (PROVISIONS)



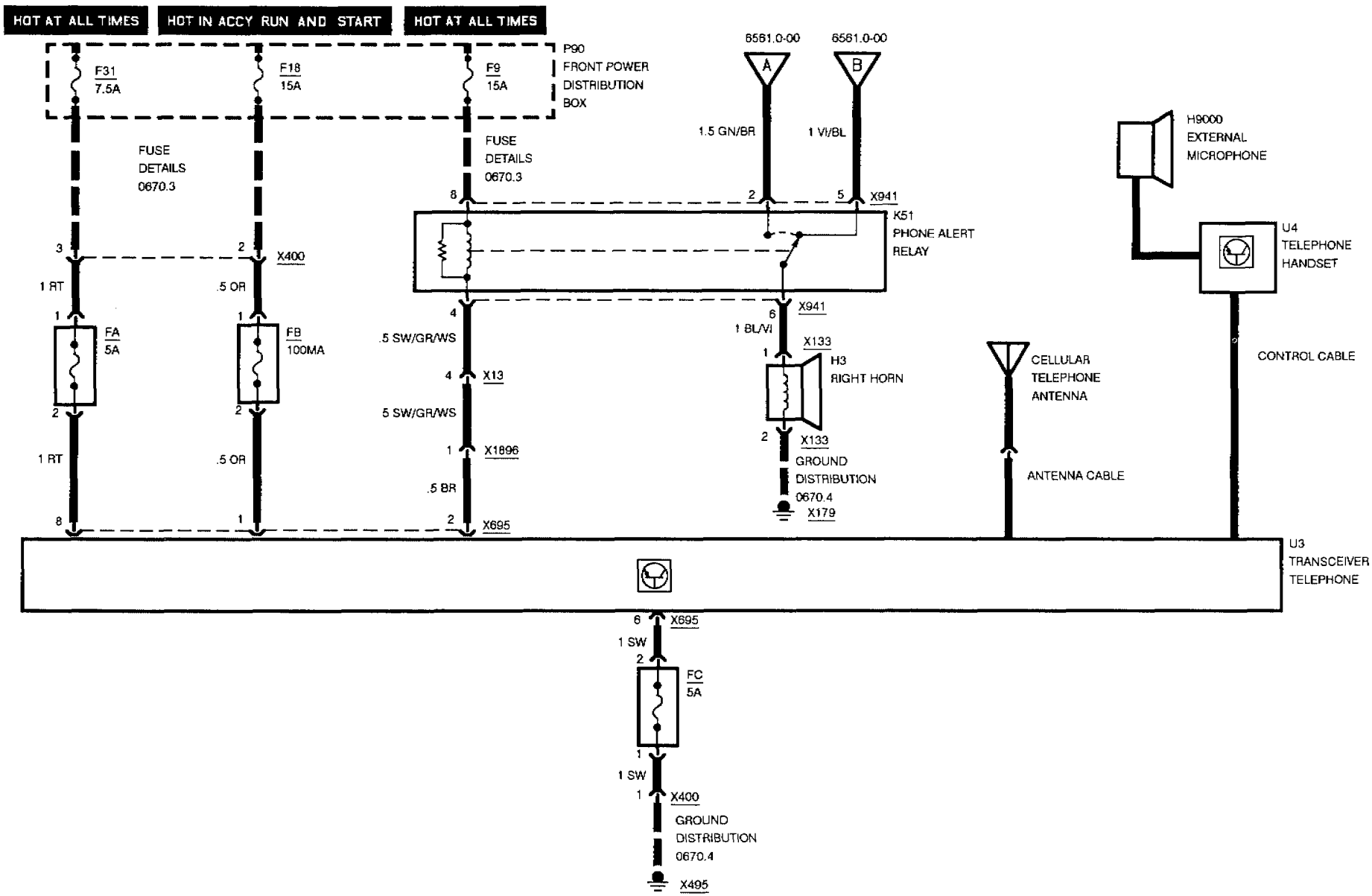
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CELLULAR TELEPHONE (PROVISIONS)



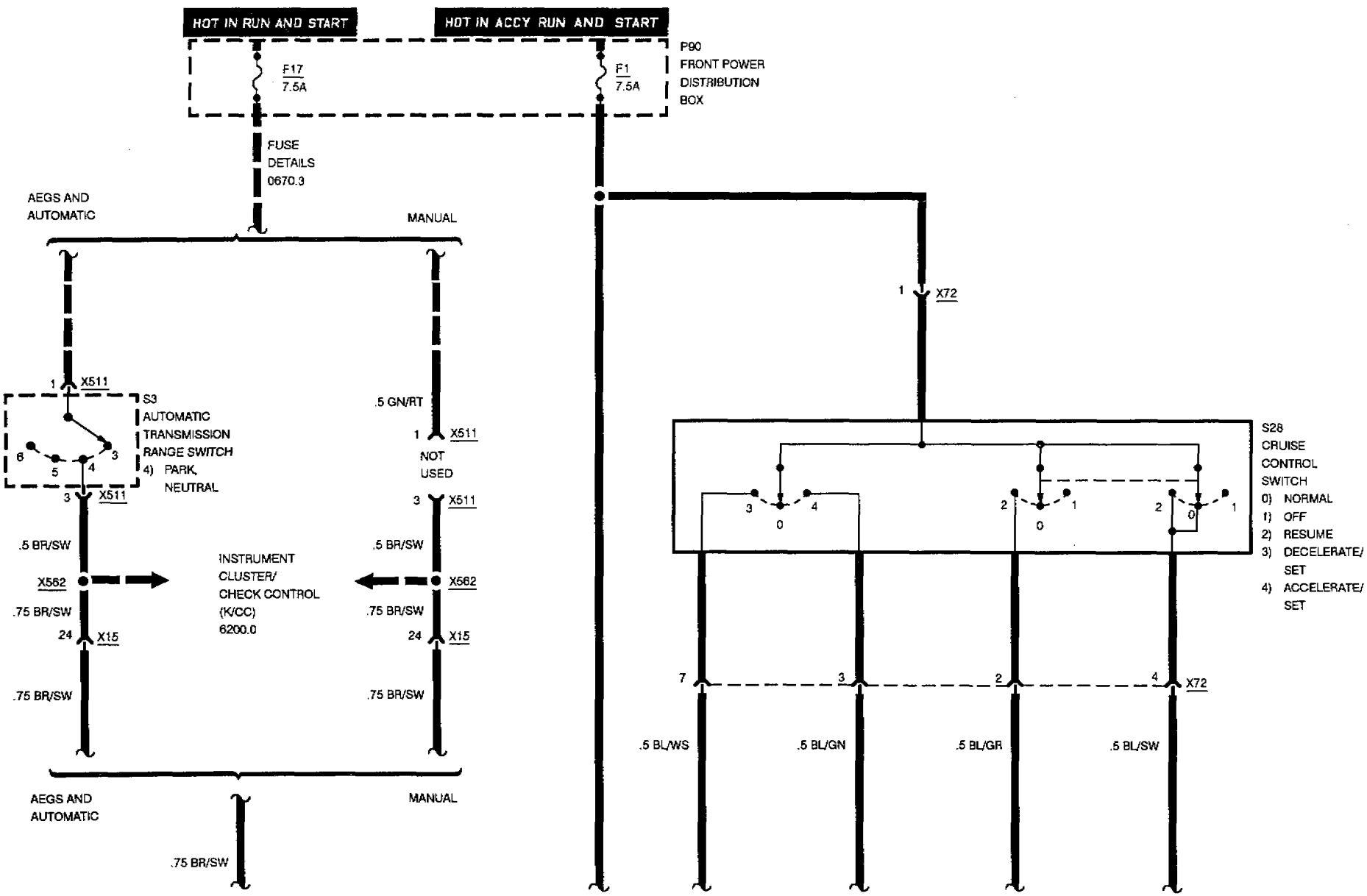
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CELLULAR TELEPHONE (PROVISIONS)

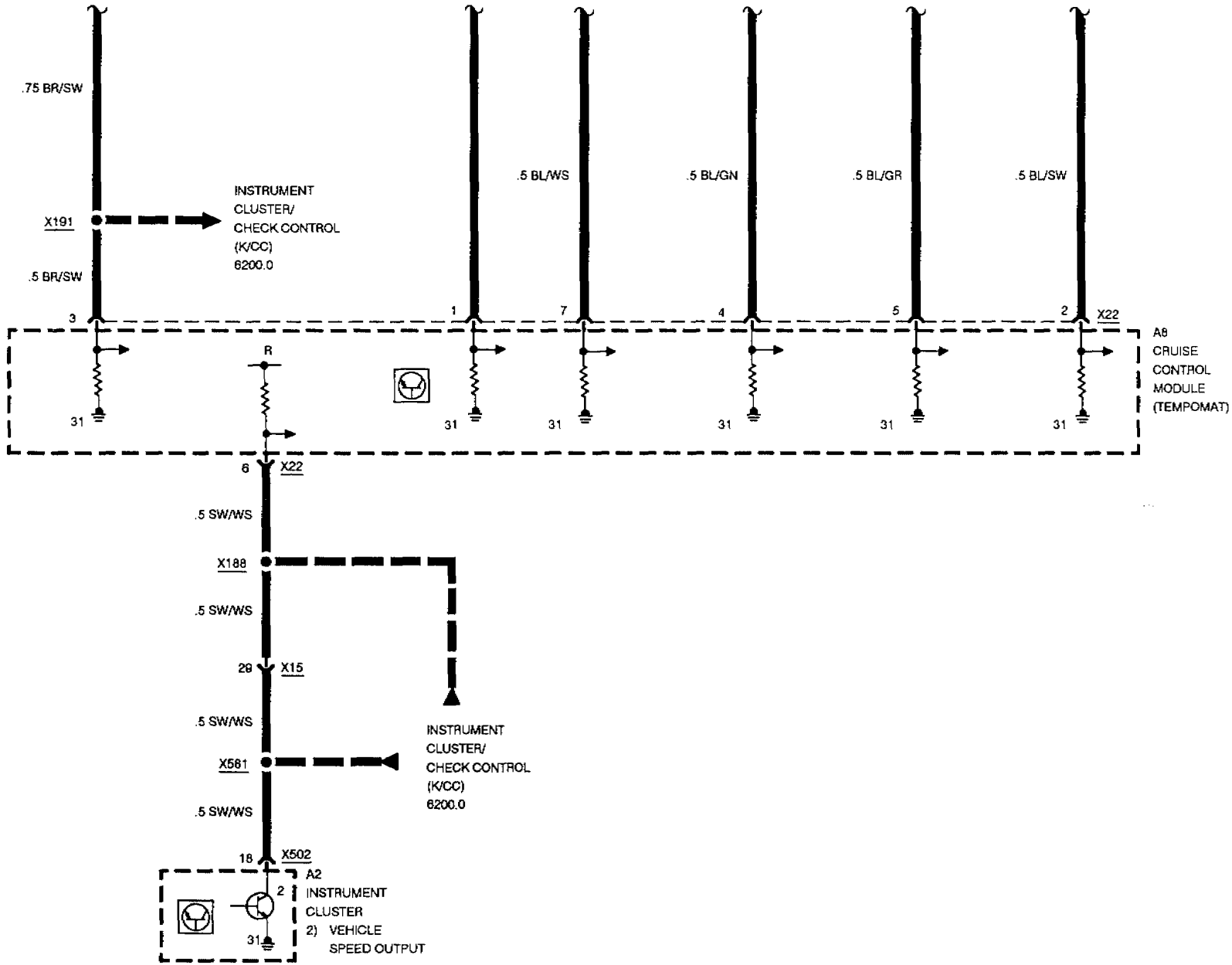


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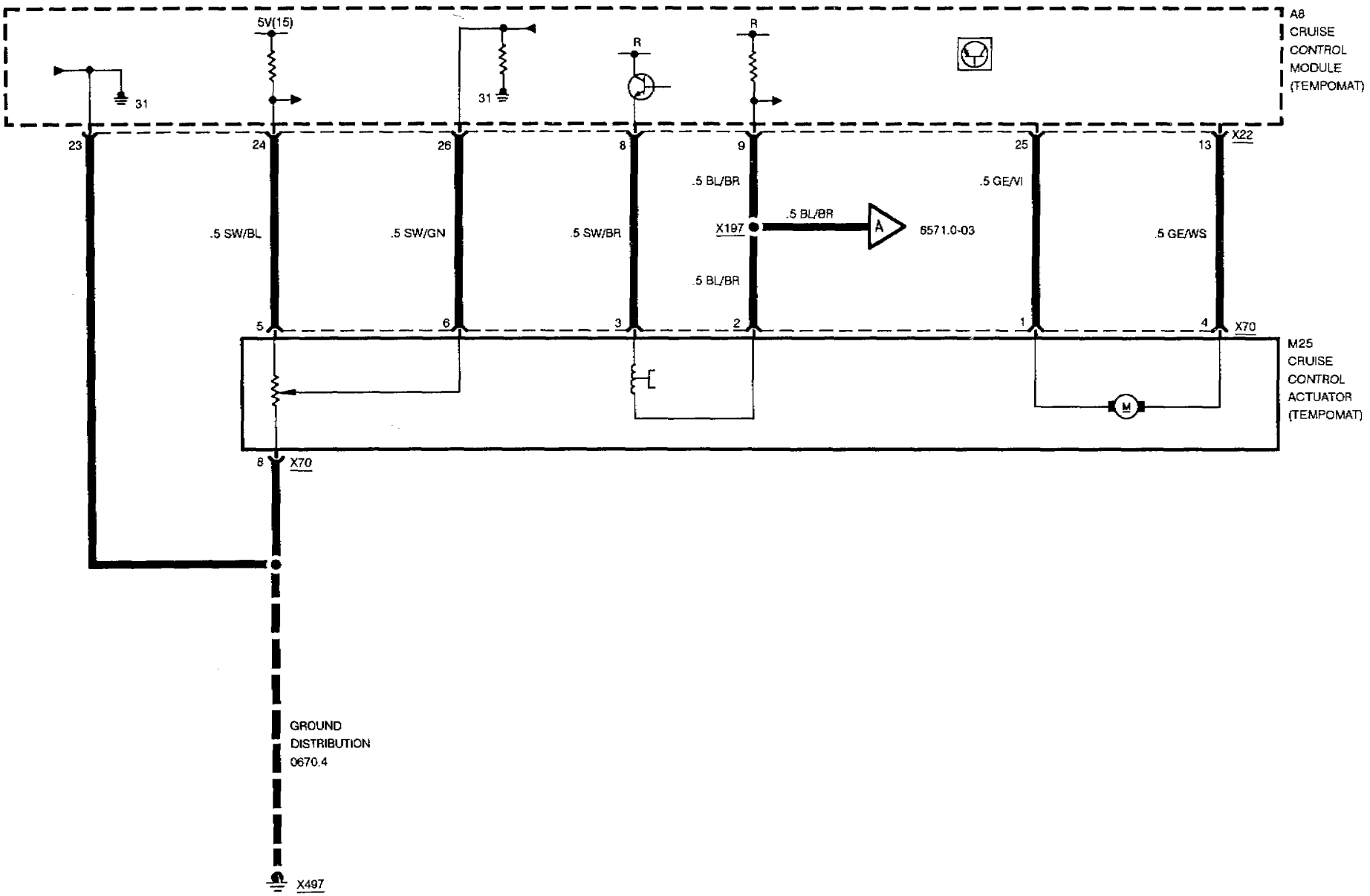
CRUISE CONTROL (TEMPOMAT)



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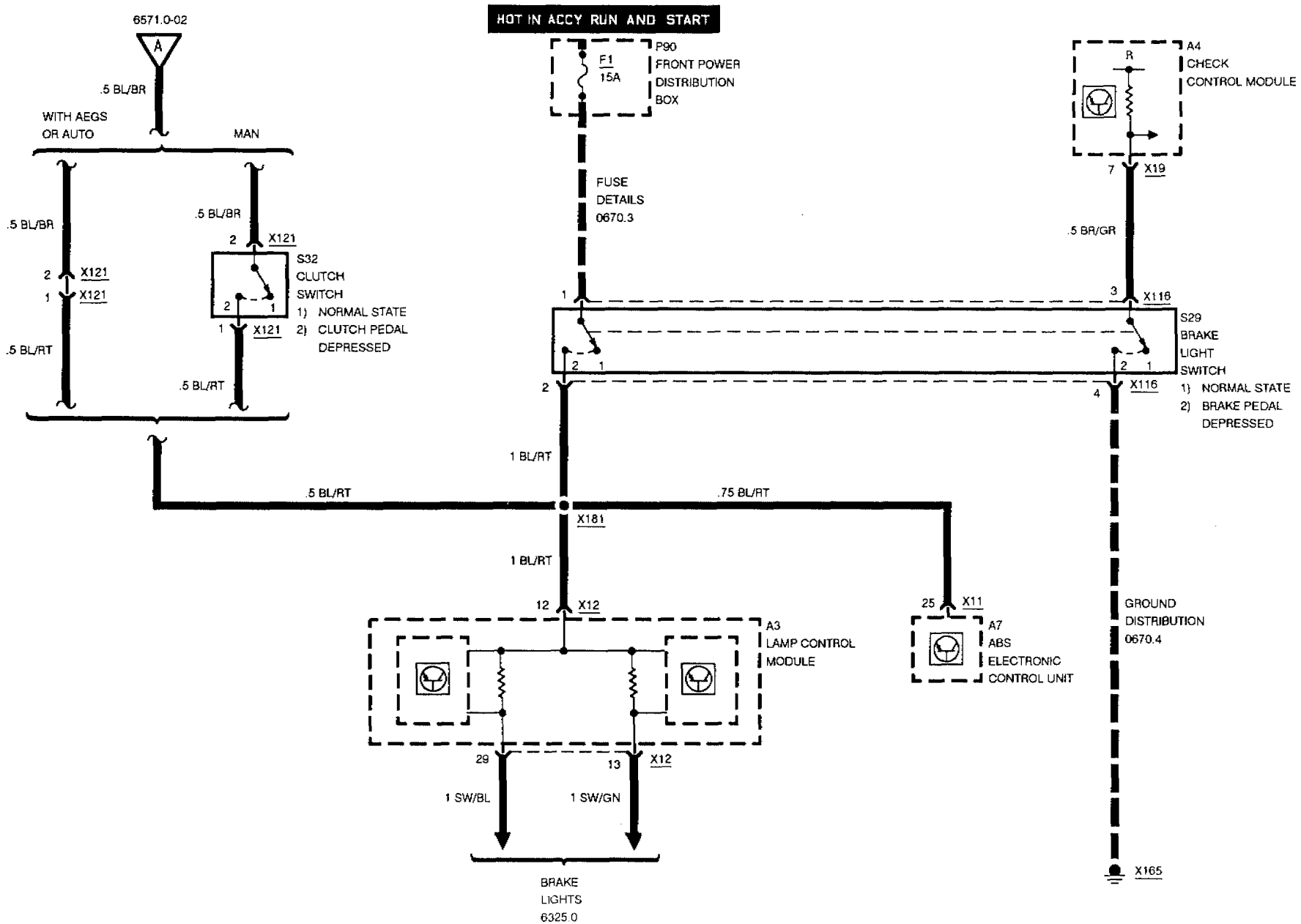

.75 BR/SW
X191
INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC) 6200.0
.5 BR/SW
3
.5 BL/WS
.5 BL/GN
.5 BL/GR
.5 BL/SW
1
7
4
5
2
X22
A8 CRUISE CONTROL MODULE (TEMPOMAT)
R
31
6
X22
.5 SW/WS
X188
.5 SW/WS
29
X15
.5 SW/WS
INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC) 6200.0
X561
.5 SW/WS
18
X502
A2
INSTRUMENT CLUSTER
2) VEHICLE SPEED OUTPUT
2

CRUISE CONTROL (TEMPOMAT)



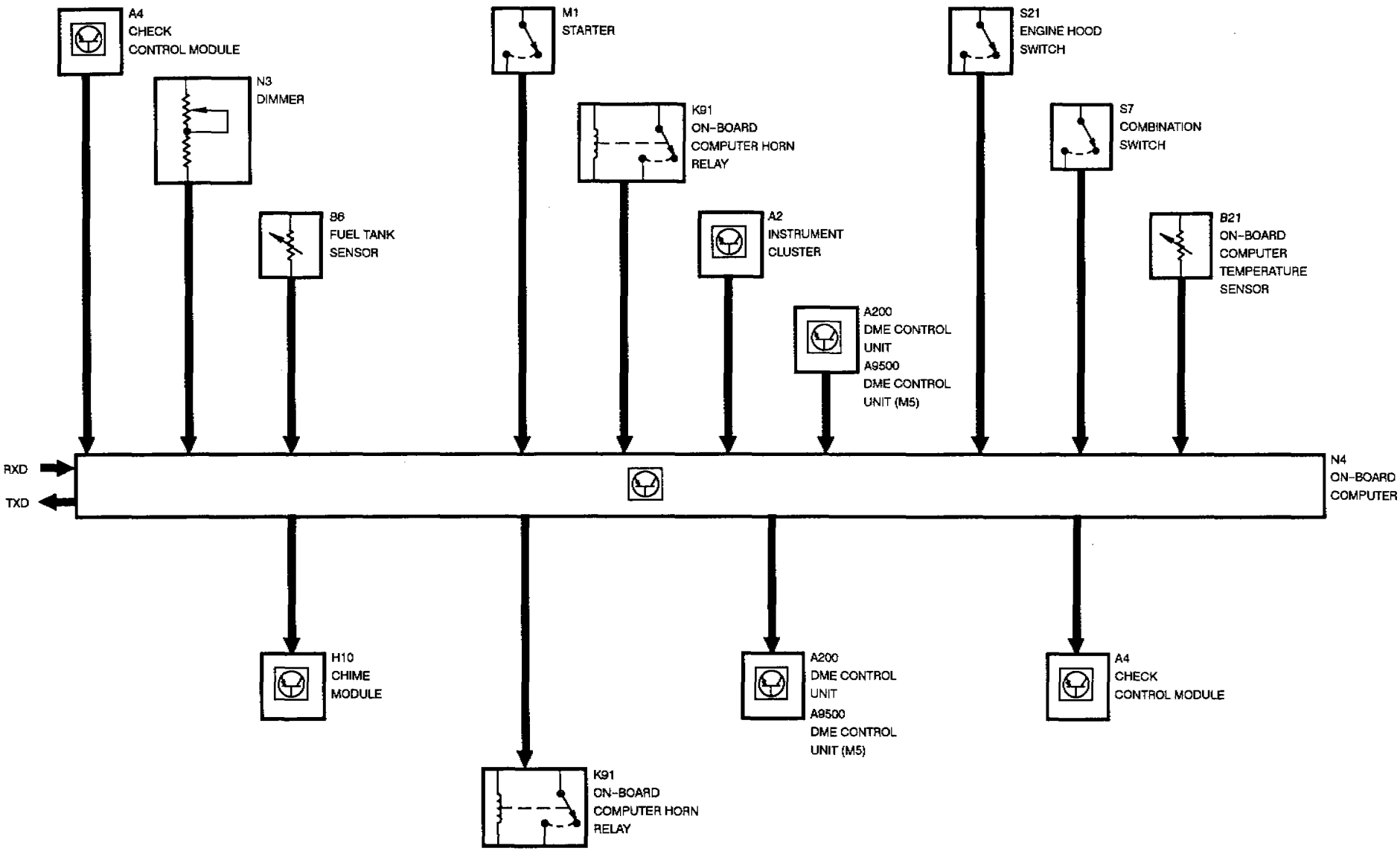
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CRUISE CONTROL (TEMPOMAT)



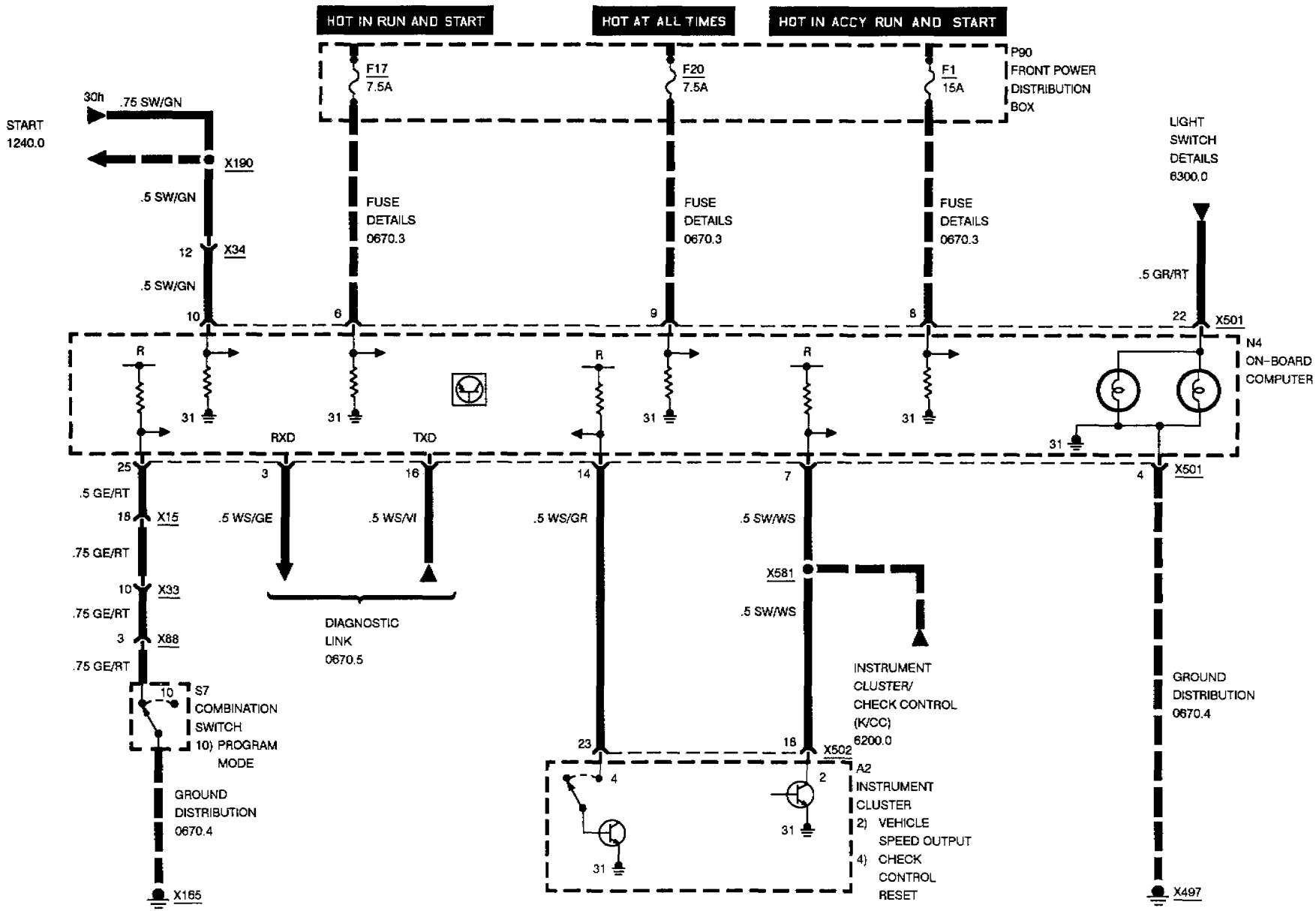
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ON-BOARD COMPUTER (BCIV)



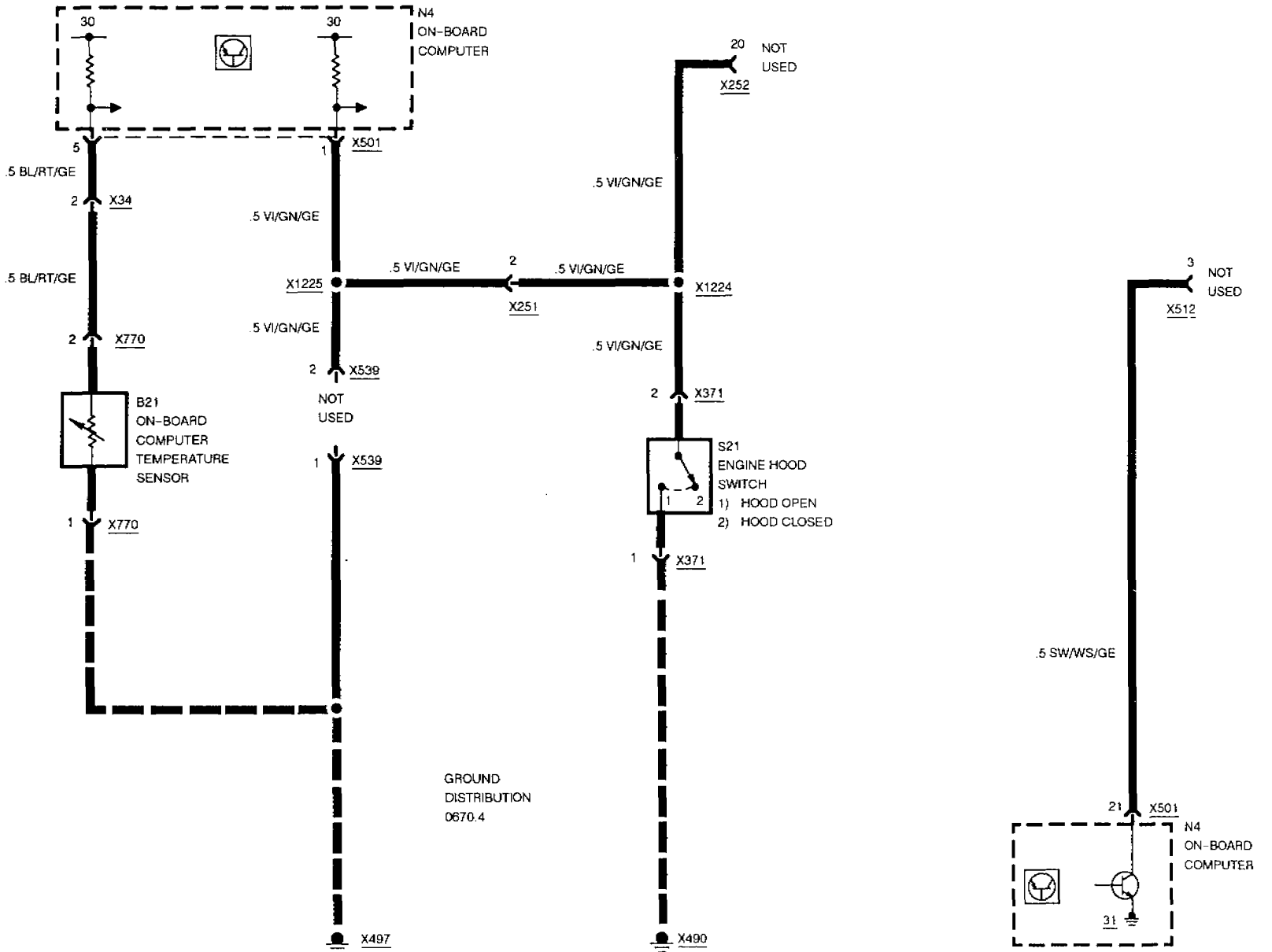
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ON-BOARD COMPUTER (BCIV)



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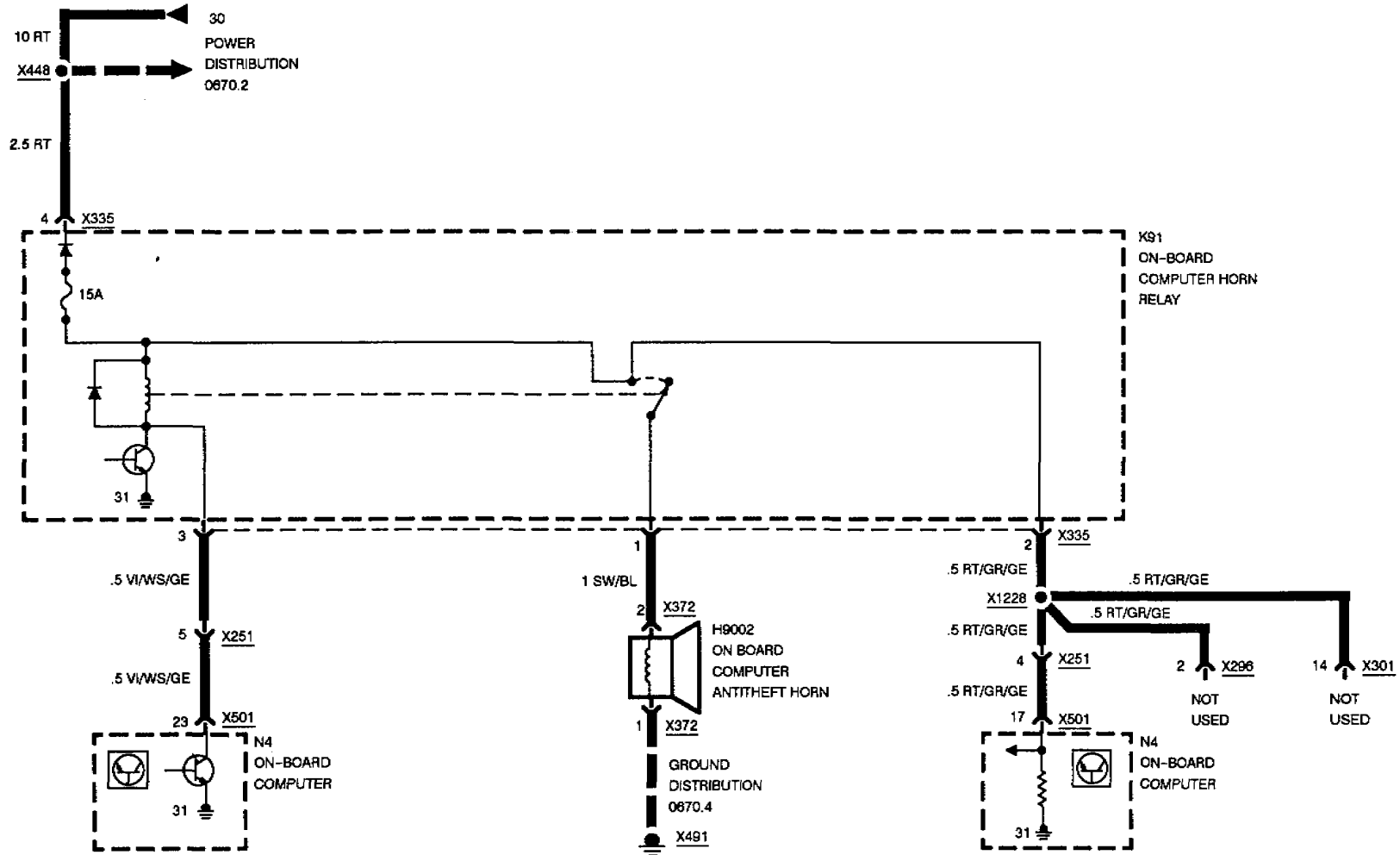
ON-BOARD COMPUTER (BCIV)



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ON-BOARD COMPUTER (BCIV)

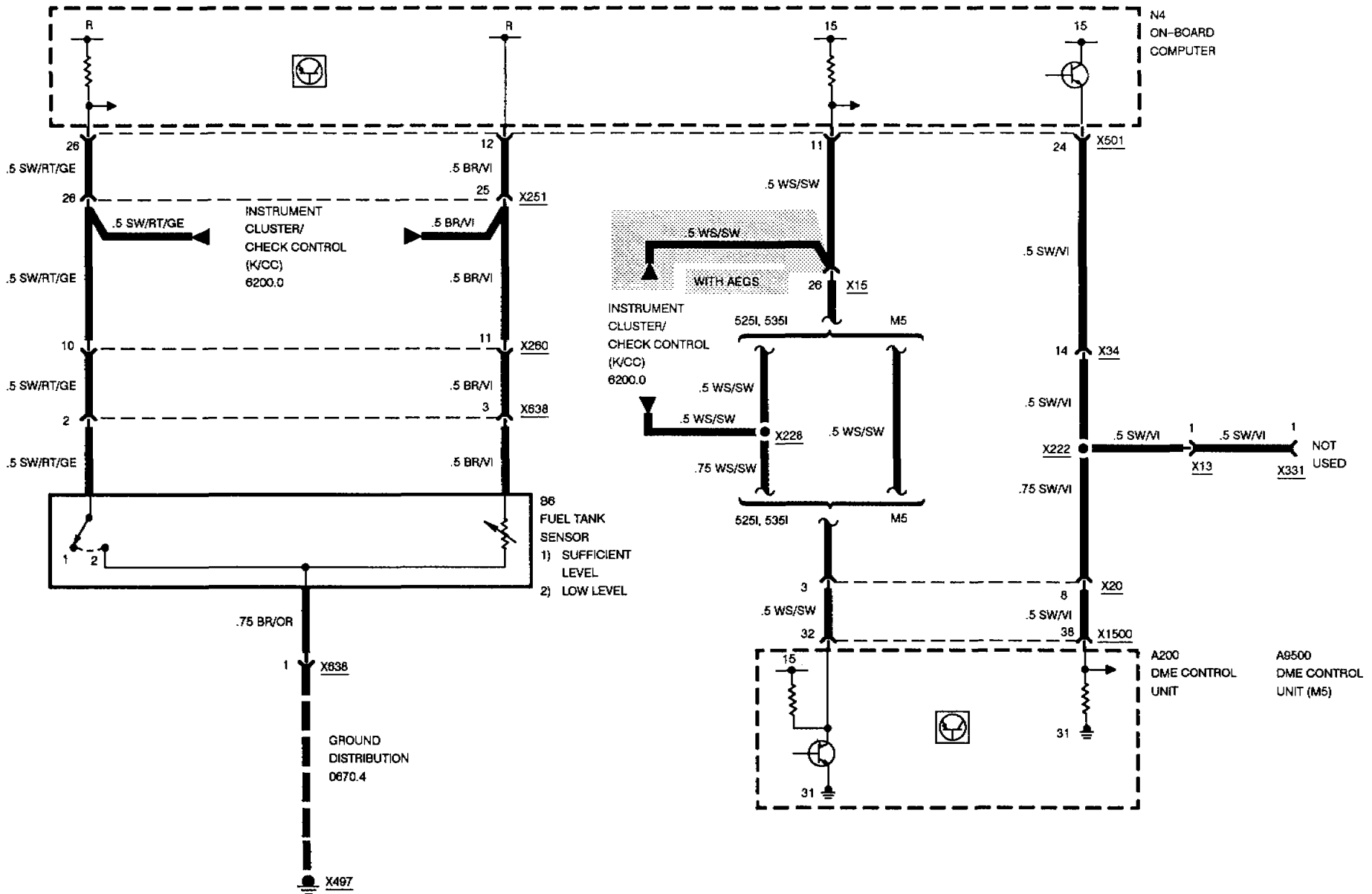
ANTITHEFT HORN



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ON-BOARD COMPUTER (BCIV)

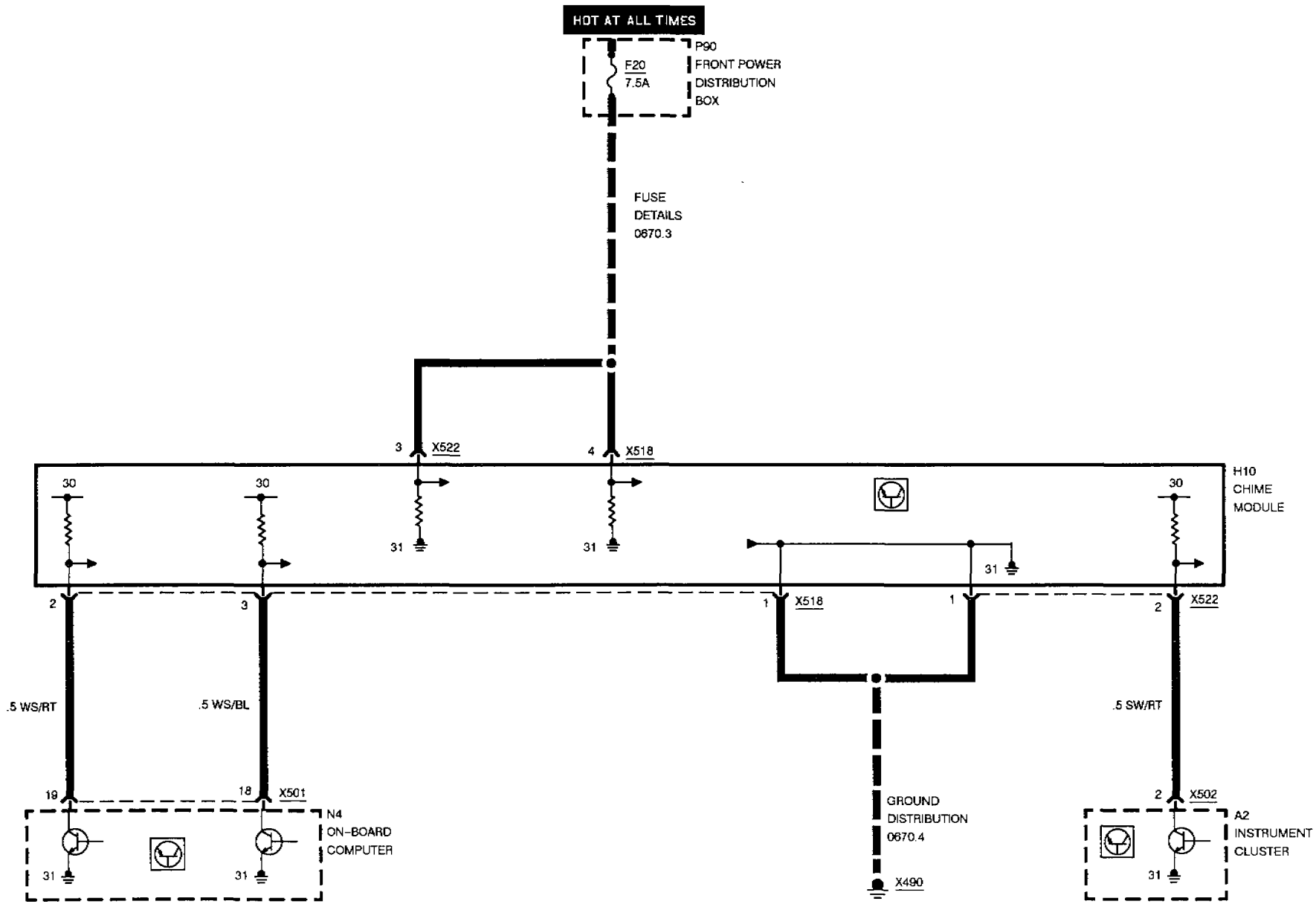
FUEL GAUGE



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ON-BOARD COMPUTER (BCIV)

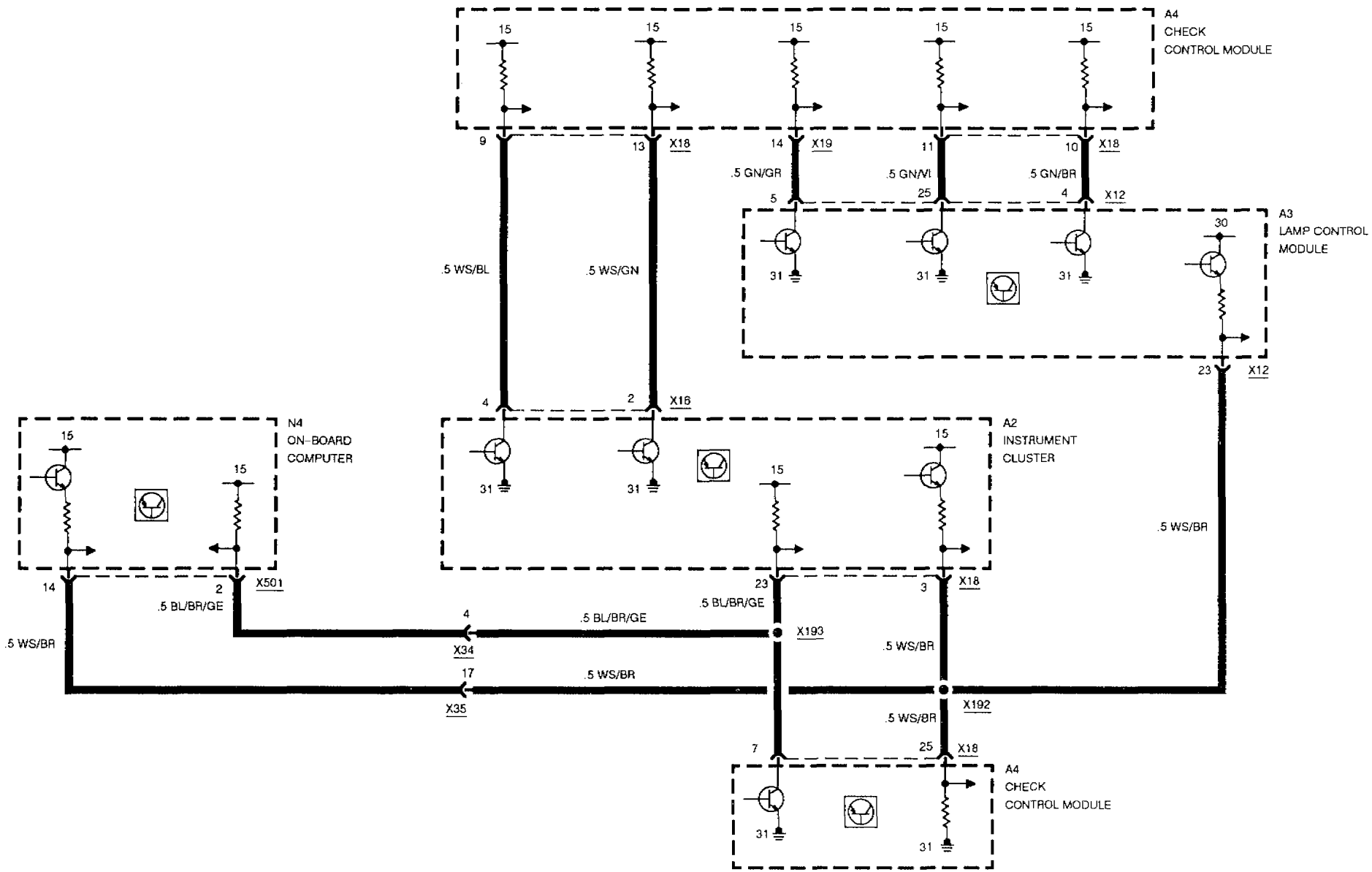
CHIME MODULE



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ON-BOARD COMPUTER (BCIV)

DATA LINK



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COMPONENT LOCATION CHART

COMPONENTS

			Page-Figure
A1	General Module	Below LH side of rear seat, in P91 Rear Power Distribution Box	7100.0-45-2
A3	Lamp Control Module	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
A4	Check Control Module	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
A5	Relay Module	Below LH side of rear seat, in P91 Rear Power Distribution Box	7100.0-45-2
A7	ABS Electronic Control Unit	Behind RH front shock tower, in P93 E-Box	7100.0-18-3
A8	Cruise Control Module (Tempomat)	Behind RH front shock tower, in P93 E-Box	7100.0-18-3
A12	Diagnostic Module (SRS)	Below LH side of dash, LH side of steering column	7100.0-28-2
A15	Park Heating/Ventilation Box	Inside RH kick panel	7100.0-38-3
A17	Servotronic Control Unit	Inside LH kick panel	Not in US
A18	HIFI Amplifier (M5)	LH side of trunk, on brace	7100.0-50-3
A18	HIFI Amplifier (525i/535i)	LH side of trunk, on brace	7100.0-50-2
A87	Integrated Climate Regulation II Control Unit	Below center of dash, ahead of IHKR 2 plenum	7100.0-37-3
A200	DME Control Unit	Behind RH front shock tower, in P93 E-Box	7100.0-18-3
A300	Electronic Transmission Control Unit (AEGS)	Inside RH kick panel	7100.0-38-2
A9000	Integrated Climate Regulation Control Unit (IHKR)	Below center of dash, ahead of IHKR plenum	7100.0-37-1
A9500	DME Control Unit	Behind RH front shock tower, in P93 E-Box	7100.0-19-3
A9502	Full Throttle Compressor Control Unit	Inside LH kick panel	7100.0-27-1
A9557	Intake Air Control	Behind RH front shock tower, in P93 E box	7100.0-19-3
B1	Right Front Speed Sensor	Behind RH front wheel	7100.0-22-2
B2	Left Front Speed Sensor	Behind LH front wheel	7100.0-22-1
B3	Right Rear Speed Sensor	Behind RH rear wheel	7100.0-23-1
B4	Left Rear Speed Sensor	Behind LH rear wheel	7100.0-22-3
B6	Fuel Tank Sensor	Below RH side of trunk, through maintenance cover, RH side of spare tire	7100.0-51-2
B10	Vehicle Speed Sensor	Below rear of car, on rear differential	7100.0-26-2
B11	Left Heat Exchanger Temperature Sensor (IHKR 2)	Below LH side of dash, on LH side of IHKR 2 plenum	7100.0-32-3

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COMPONENT LOCATION CHART

COMPONENTS

			Page-Figure
B11	Left Heat Exchanger Temperature Sensor (IHKR)	Below LH side of dash, in LH side of IHKR plenum	7100.0-31-3
B12	Right Heat Exchanger Temperature Sensor (IHKR 2)	Below RH side of dash, in RH side of IHKR 2 plenum	7100.0-37-2
B12	Right Heat Exchanger Temperature Sensor (IHKR)	Below RH side of dash, in RH side of IHKR plenum	7100.0-36-3
B13	Outside Temperature Sensor	Behind center of fresh air cowl panel, on RH side of M30 Blower Motor	7100.0-21-3
B14	Evaporator Temperature Sensor (IHKR)	Below LH side of dash, on lower LH side of IHKR plenum	7100.0-32-1
B14	Evaporator Temperature Sensor (IHKR 2)	Below LH side of dash, on lower LH side of IHKR 2 plenum	7100.0-32-2
B16	Left Front Brake Pad Sensor	Behind LH front wheel, on brake caliper	7100.0-22-1
B17	Right Rear Brake Pad Sensor	Behind RH rear wheel, on brake caliper	7100.0-23-1
B18	Brake Fluid Level Switch (M30 Engine)	LH rear of engine compartment, top of brake fluid reservoir	7100.0-02-3
B18	Brake Fluid Level Switch (M20/M5 Engines)	LH rear of engine compartment, top of brake fluid reservoir	7100.0-02-2
B21	On-Board Computer Temperature Sensor	Under RH side of front bumper	7100.0-12-1
B22	Wheel Camber Control Unit	Below RH rear of car, near rear differential	7100.0-25-3
B201	Cylinder Identification Sensor (M20/M30 Engines)	RH front of engine, near distributor	7100.0-14-3
B201	Cylinder Identification Sensor (M5 Engine)	Front of engine, near distributor	7100.0-15-1
B202	Engine Speed/Reference Point Sensor (M20/M30 Engines)	Front of engine, below distributor	7100.0-14-3
B202	Engine Speed/Reference Point Sensor (M5 Engine)	Front of engine, below distributor	7100.0-09-2
B203	Oxygen Sensor (M5 Engine)	Below center of catalytic converter	7100.0-25-2
B203	Oxygen Sensor (M30 Engine)	In top of catalytic converter, near rear of transmission	7100.0-25-1
B203	Oxygen Sensor (M20 Engine)	Lower RH side of engine compartment, in exhaust manifold	7100.0-18-1
B204	Coolant Temperature Sensor (M5 Engine)	RH side of engine, on coolant inlet	7100.0-15-3
B204	Coolant Temperature Sensor (M20 Engine)	On coolant inlet, near RH valve cover	7100.0-14-1
B204	Coolant Temperature Sensor (M30 Engine)	On coolant inlet, near RH valve cover	7100.0-14-2
B205	Oil Level Sensor (M30/M5 Engines)	Lower LH front of engine, on bottom of oil pan	7100.0-23-3
B205	Oil Level Sensor (M20 Engine)	Lower LH front of engine, on bottom of oil pan	7100.0-23-2
B206	Oil Pressure Switch (M30 Engine)	Top rear of engine, rear of cylinder head	7100.0-21-2
B206	Oil Pressure Switch (M5 Engine)	LH front of engine	7100.0-09-1
B206	Oil Pressure Switch (M20 Engine)	Lower RH front of engine	7100.0-24-2
B207	Coolant Temperature Sender (M5 Engine)	RH side of engine, on coolant inlet	7100.0-15-3

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COMPONENT LOCATION CHART

COMPONENTS

			Page-Figure
B207	Coolant Temperature Sender (M20 Engine)	On coolant inlet, near RH valve cover	7100.0-14-1
B207	Coolant Temperature Sender (M30 Engine)	On coolant inlet, near RH valve cover	7100.0-14-2
B208	Air Flow Meter (M20 Engine)	LH side of engine	7100.0-06-1
B208	Air Flow Meter (M30 Engine)	Top center of engine, ahead of oil fill cap	7100.0-17-3
B210	Temperature Switch	Behind RH front shock tower, in P93 E-Box	7100.0-19-2
B900	Jumper Plug	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
B9508	Pressure Switch	RH front of engine compartment	7100.0-13-2
B9550	Air Mass Meter	LH front of engine compartment, in front of LH shock tower	7100.0-06-2
B9554	Intake Air Temperature Sensor	LH front of engine compartment, in front of LH shock tower	7100.0-06-3
B9560	Oil Temperature Sensor	LH front of engine	7100.0-09-1
C100	Contact Ring	Inside steering wheel	7100.0-30-1
C900	Defogger Coupler (IHKR 2)	In RH "C" pillar	7100.0-50-1
C900	Defogger Coupler (IHKR)	In RH "C" Pillar	7100.0-49-2
D100	Diagnostic Connector	LH rear of engine compartment, RH side of shock tower	7100.0-01-3
E48	Door Lock Heater	In door, at key lock assembly	
E51	Left Washer Jet Heater	LH rear of engine compartment hood, under cover	7100.0-11-1
E52	Right Washer Jet Heater	RH rear of engine compartment hood, under cover	7100.0-11-2
E56	Driver's Seatback Heater	In back of driver's seat	
E57	Driver's Seat Heater	In driver's seat	
E58	Passenger's Seat Heater	In passenger's seat	
E59	Passenger's Seatback Heater	In back of passenger's seat	
F0	Fusible Link 80A	RH side of engine compartment, on front of shock tower	7100.0-21-1
F99	Fusible Link 50A (525i)	Below RH side of rear seat	7100.0-47-1
F99	Fusible Link 50A (535i And M5)	Below RH side of rear seat	7100.0-47-3
FA	Fuse 5A	RH front of trunk, near U3 Transceiver Telephone	
FB	Fuse 100ma	RH front of trunk, near U3 Transceiver Telephone	
FC	Fuse 5A	RH front of trunk, on U3 Transceiver Telephone	
FD	Fuse 3A	LH front of trunk	7100.0-51-1
G1	Battery (M20 Engine)	RH front of engine compartment	7100.0-21-1

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COMPONENT LOCATION CHART

COMPONENTS

			Page-Figure
G1	Battery (M30/M5 Engines)	Below RH side of rear seat	7100.0-47-3
G2	Alternator	Lower LH front of engine	7100.0-10-1
G5	Driver's Air Bag Generator	Inside center of steering wheel	7100.0-30-1
H2	Left Horn	Front of car, behind grille	7100.0-11-3
H3	Right Horn	Front of car, behind grille	7100.0-11-3
H10	Chime Module	Below LH side of dash, mounted in hush panel	7100.0-28-1
H9002	On Board Computer Antitheft Horn	Behind center of fresh air cowl panel	7100.0-21-3
K1	Starter Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K2	Horn Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K3	Unloader Relay, KLR	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K4	Blower Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K5	Washer Pump Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	Not in US
K9	Unloader Relay, KL15	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
K11	Wiper Relay	Below LH side of rear seat, on P91 Rear Power Distribution Box.	7100.0-45-3
K12	Wiper Pressure Control (ADV) Relay	Below LH side of rear seat, on P91 Rear Power Distribution Box.	7100.0-45-2
K13	Rear Defogger Relay	Below LH side of rear seat, on P91 Rear Power Distribution Box.	7100.0-45-3
K15	Electric Power Protection Relay	Below LH side of rear seat, on P91 Rear Power Distribution Box.	7100.0-45-3
K16	Hazard Flasher Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K19	Compressor Control Relay	Inside LH kick panel	7100.0-27-1

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COMPONENT LOCATION CHART

COMPONENTS

			Page-Figure
K21	Normal Speed Relay	LH side of engine compartment, in P92 Auxiliary Relay Box	7100.0-04-2
K22	High Speed Relay	LH side of engine compartment, in P92 Auxiliary Relay Box	7100.0-04-2
K33	Air Conditioning Relay	LH side of engine compartment, in P92 Auxiliary Relay Box	7100.0-04-2
K50	Water Pump Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
K51	Phone Alert Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	
K61	Unloader Relay, KL61	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K65	Driver's Seat Heater Relay	Below driver's seat	
K66	Passenger's Seat Heater Relay	Below passenger's seat	
K91	On-Board Computer Horn Relay	Below LH side of rear seat, ahead of P91 Rear Power Distribution Box	7100.0-46-1
K201	Fuel Pump Relay (M20/M30 Engines)	Behind RH front shock tower, in P93 E- Box	7100.0-19-1
K201	Fuel Pump Relay (M5)	Behind RH front shock tower, in P93 E-Box	7100.0-19-3
K202	Main Relay (M20/M30 Engines)	Behind RH front shock tower, in P93 E-Box	7100.0-19-1
K202	Main Relay (M5)	Behind RH front shock tower, in P93 E-Box	7100.0-19-3
K203	Oxygen Sensor Relay	Behind RH front shock tower, in P93 E-Box	7100.0-19-1
K9502	Full Throttle Compressor Cut Off Relay	Inside LH kick panel	7100.0-27-1
K9569	Air Pump Relay	Behind RH front shock tower, in P93 E-Box	7100.0-19-3
M1	Starter (M20 Engine)	Lower LH rear of engine, below intake manifold	7100.0-03-1
M1	Starter (M30 Engine)	Lower LH rear of engine, below intake manifold	7100.0-03-2
M1	Starter (M5 Engine)	Lower LH side of engine, below intake manifold	7100.0-03-3
M2	Fuel Pump	Below trunk, RH side of spare tire	7100.0-51-2
M3	Wiper Motor	Behind LH side of fresh air cowl panel	7100.0-00-1
M4	Washer Pump	RH front of engine compartment, on windshield washer fluid reservoir	7100.0-13-1
M5	Intensive Wash Pump	RH front of engine compartment, on windshield washer fluid reservoir	Not in US
M9	Auxiliary Fan Motor	Center front of engine compartment, behind bumper	7100.0-11-3

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COMPONENT LOCATION CHART

COMPONENTS

			Page-Figure
M12	Driver's Door Lock Motor	Top rear of driver's door	7100.0-40-1
M13	Passenger's Door Lock Motor	Top rear of passenger's door	7100.0-40-1
M14	Right Rear Door Lock Motor	Top rear of RH rear door	7100.0-41-1
M15	Left Rear Door Lock Motor	Top rear of LH rear door	7100.0-41-1
M16	Gas Filler Lock Motor	RH side of trunk, behind wheel well	7100.0-51-3
M17	Trunk Lock Motor	In trunk lid, RH side of lid lock assembly	7100.0-52-3
M20	Left Rear Window Motor	Lower front of LH rear door	7100.0-41-1
M21	Driver's Window Motor	Lower front of driver's door	7100.0-40-1
M22	Right Rear Window Motor	Lower front of RH rear door	7100.0-41-1
M23	Passenger's Window Motor	Lower front of passenger's door	7100.0-40-1
M24	Sunroof Motor	In center of windshield header, near rear view mirror	7100.0-33-3
M25	Cruise Control Actuator (Tempomat) (M20/M30 Engines)	LH side of engine compartment, ahead of LH shock tower	7100.0-07-1
M25	Cruise Control Actuator (Tempomat) (M5 Engine)	LH front of engine compartment, ahead of LH shock tower	7100.0-07-2
M30	Blower Motor	Behind center of fresh air cowl panel	7100.0-21-3
M31	Left Footwell Flap Motor (IHKR)	Below LH side of dash, on LH side of IHKR plenum	7100.0-31-3
M32	Right Footwell Flap Motor (IHKR)	Below RH side of dash, on RH side of IHKR plenum	7100.0-36-3
M34	Dash Vent Mixing Flap Motor (IHKR)	Behind center of dash, RH side of N9 Radio	7100.0-36-3
M34	Dash Vent Mixing Flap Motor (IHKR 2)	Below RH side of dash, on RH side of IHKR 2 plenum	7100.0-37-3
M36	Fresh Air Flap Motor (IHKR 2)	Below LH side of dash, on LH side of IHKR 2 plenum	7100.0-32-3
M36	Fresh Air Flap Motor (IHKR)	Below LH side of dash, on LH side of IHKR plenum	7100.0-31-3
M37	Water Pump	LH rear of engine compartment, on engine bulkhead	7100.0-02-1
M40	Footwell Flap Motor (IHKR)	Below LH side of dash, on LH side of IHKR plenum	7100.0-31-3
M40	Footwell Flap Motor (IHKR 2)	Below LH side of dash, on LH side of IHKR 2 plenum	7100.0-32-3
M50	Driver's Seat Cushion Tilt Motor	Under LH side of driver's seat	7100.0-42-1
M51	Driver's Seat Movement Motor	Under RH side of driver's seat	7100.0-42-2
M52	Driver's Seat Height Motor	Under front of driver's seat	7100.0-42-1
M53	Driver's Seatback Recliner Motor	Under front of driver's seat	7100.0-42-1
M54	Driver's Headrest Motor	In top RH corner of driver's seatback	7100.0-43-2
M57	Passengers Headrest Motor	In top RH corner of passenger's seatback	7100.0-43-2
M58	Passenger's Seatback Recliner Motor	Under front of passenger's seat	7100.0-43-3

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COMPONENTS

			Page-Figure
M59	Passenger's Seat Height Motor	Under front of passenger's seat	7100.0-43-3
M60	Passenger's Seat Movement Motor	Under RH side of passenger's seat	7100.0-43-3
M61	Passenger's Seat Cushion Tilt Motor	Under LH side of passenger's seat	7100.0-43-3
M201	E-Box Fan	In P93 E-Box, below modules	7100.0-20-1
M900	Passenger's Thigh Support Motor	In RH front corner of passenger's seat	7100.0-43-1
M901	Driver's Thigh Support Motor	In RH front corner of driver's seat	7100.0-43-1
M9571	Air Pump	Top of engine, below distributor	7100.0-09-2
N2	Final Stage Unit	In LH side of RH footwell, ahead of IHKR plenum	7100.0-37-1
N4	On-Board Computer	Center of dash, RH side of N9 Radio	7100.0-34-1
N8	Antenna Amplifier (IHKR)	In LH "C" pillar	7100.0-49-1
N8	Antenna Amplifier (IHKR 2)	In LH "C" pillar	7100.0-49-3
N17	Crash Control Unit	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
P90	Front Power Distribution Box	LH rear of engine compartment	7100.0-02-1
P91	Rear Power Distribution Box	Below LH side of rear seat	7100.0-45-2
P92	Auxiliary Relay Box (M5 Engine)	LH front of engine compartment, ahead of LH shock tower	7100.0-07-2
P92	Auxiliary Relay Box (M20/M30 Engines)	LH side of engine compartment, ahead of LH shock tower	7100.0-07-1
P93	E-Box	RH rear of engine, behind RH front shock tower	7100.0-18-2
R1	Temperature Distribution Potentiometer	Behind center of dash, above N9 Radio	7100.0-34-1
R11	Blower Resistors	Below LH side of dash, on LH rear of IHKR 2 plenum	7100.0-32-2
S10000	Rear Vent Flap Switch	In rear of console, on rear vent flap	
S2	Ignition Switch	Top RH side of steering column	7100.0-30-2
S3	Automatic Transmission Range Switch	Below center console, at base of gear shift lever	7100.0-35-3
S4	Horn Switch	Top of steering column, in steering wheel	
S7	Combination Switch	Inside top of steering column	7100.0-29-3
S13	Passenger's Door Jamb Switch	In center rear of passenger's door jamb, in latch assembly	7100.0-40-3
S14	Driver's Door Jamb Switch	In center rear of driver's door jamb, in latch assembly	7100.0-40-3
S15	Right Rear Door Jamb Switch	In top rear of RH rear door jamb, in latch assembly	7100.0-41-3
S16	Left Rear Door Jamb Switch	In top rear of LH rear door jamb, in latch assembly	7100.0-41-3
S19	Underhood Light Switch	LH front of engine compartment hood	7100.0-10-3

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COMPONENT LOCATION CHART

COMPONENTS

			Page-Figure
S21	Engine Hood Switch	LH rear of engine compartment, rear of shock tower	7100.0-01-1
S22	Battery Switch	Under RH side of rear seat, near battery	Not in US
S24	Rear Seat Switch	Under RH side of rear seat, right of battery	Not in US
S27	Inertia Switch	Below center of rear seat, RH side of P91 Rear Power Distribution Box	7100.0-46-3
S29	Brake Light Switch	Below LH side of dash, on brake pedal support bracket	7100.0-28-2
S31	Park Brake Switch	Below center console, on rear of park brake lever	7100.0-36-1
S32	Clutch Switch	Behind LH side of dash, on clutch pedal support bracket	
S36	Temperature Switch	Top RH side of radiator	7100.0-12-3
S37	Glove Box Light Switch	In LH side of glove box	7100.0-36-2
S39	Sunroof Position Switch	In center of windshield header, near rear view mirror	7100.0-33-3
S43	Driver's Window Limit Switch	Center front of driver's door	7100.0-40-1
S44	Passenger's Window Limit Switch	Center front of passenger's door	7100.0-40-1
S45	Left Rear Window Limit Switch	Center front of LH rear door	7100.0-41-1
S46	Right Rear Window Limit Switch	Center front of RH rear door	7100.0-41-1
S47	Driver's Door Lock Switch	Behind driver's door lock assembly	
S48	Driver's Door Handle Switch	In top rear of driver's door, near door handle cable	
S49	Passenger's Door Lock Switch	Behind passenger's door lock assembly	
S58	Driver's Seat Belt Switch	In driver's seat belt buckle	
S61	Trunk Lid Switch	In center of trunk lid, in trunk latch assembly	7100.0-52-2
S63	Coolant Level Switch (M5 Engine)	RH side of engine, on coolant reservoir	7100.0-16-2
S63	Coolant Level Switch (M30 Engine)	Center rear of engine compartment, top of coolant reservoir	7100.0-17-3
S63	Coolant Level Switch (M20 Engine)	Lower LH side of radiator	7100.0-12-2
S64	Washer Fluid Level Switch	RH side of engine compartment, RH side of windshield washer fluid reservoir	7100.0-13-1
S71	Left Front Crash Sensor	Ahead of LH shock tower	7100.0-04-2
S72	Right Front Crash Sensor	Ahead of RH shock tower	7100.0-16-3
S77	Driver's Makeup Mirror Switch	In driver's visor	
S78	Passenger's Makeup Mirror Switch	In passenger's visor	
S200	Throttle Switch (M5 Engine)	Top front of engine, on throttle body	7100.0-08-3

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COMPONENT LOCATION CHART

COMPONENTS

			Page-Figure
S200	Throttle Switch (M20 Engine)	LH rear of engine	7100.0-04-1
S200	Throttle Switch (M30 Engine)	Top of engine, on throttle body	7100.0-17-3
S301	Transmission Kickdown Switch	Below LH side of dash, underneath accelerator pedal	7100.0-30-3
S302	Back-Up Switch	Top RH side of transmission	
S901	Passenger's Visor Switch	LH hinge of passenger's visor	7100.0-33-2
S902	Driver's Visor Switch	RH hinge of driver's visor	7100.0-33-2
T200	Ignition Coil	RH side of engine compartment, at strut tower	7100.0-20-2
V6	Uncoupling Diode	Behind center of dash	
V9501	Uncoupling Diode (KL61)	Below male side of the engine harness connector	
X779	Charging Plug	In LH side of glove box	7100.0-36-2
Y1	ABS Hydraulic Unit (M30 Engine)	LH side of engine compartment, near shock tower	7100.0-02-3
Y1	ABS Hydraulic Unit (M20/M5 Engines)	LH center of engine compartment, near shock tower	7100.0-02-2
Y2	Compressor Clutch	Lower RH front of engine	7100.0-24-1
Y4	Water Valve Assembly	LH rear of engine compartment, on engine bulkhead	7100.0-02-1
Y201	Fuel Injector 1 (M5 Engine)	Top of engine, on intake manifold	7100.0-17-2
Y201	Fuel Injector 1 (M20/M30 Engines)	Top of engine, on intake manifold	7100.0-17-1
Y202	Fuel Injector 2 (M20/M30 Engines)	Top of engine, on intake manifold	7100.0-17-1
Y202	Fuel Injector 2 (M5 Engine)	Top of engine, on intake manifold	7100.0-17-2
Y203	Fuel Injector 3 (M5 Engine)	Top of engine, on intake manifold	7100.0-17-2
Y203	Fuel Injector 3 (M20/M30 Engines)	Top of engine, on intake manifold	7100.0-17-1
Y204	Fuel Injector 4 (M5 Engine)	Top of engine, on intake manifold	7100.0-17-2
Y204	Fuel Injector 4 (M20/M30 Engines)	Top of engine, on intake manifold	7100.0-17-1
Y205	Fuel Injector 5 (M5 Engine)	Top of engine, on intake manifold	7100.0-17-2
Y205	Fuel Injector 5 (M20/M30 Engines)	Top of engine, on intake manifold	7100.0-17-1
Y206	Fuel Injector 6 (M20/M30 Engines)	Top of engine, on intake manifold	7100.0-17-1
Y206	Fuel Injector 6 (M5 Engine)	Top of engine, on intake manifold	7100.0-17-2
Y213	Fuel Air Valve (M30 Engine)	LH side of engine, RH side of oil filter	7100.0-05-1
Y213	Fuel Air Valve (M20 Engine)	LH rear of engine	7100.0-04-1
Y213	Fuel Air Valve (M5)	LH side of engine, near oil level stick	7100.0-08-1
Y214	Idle Speed Actuator (M30 Engine)	Top of engine, center rear of throttle body	7100.0-17-3

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COMPONENT LOCATION CHART

COMPONENTS

			Page-Figure
Y214	Idle Speed Actuator (M20 Engine)	LH side of engine, center rear of throttle body	7100.0-06-1
Y214	Idle Speed Actuator (M5 Engine)	Top of engine	
Y300	Transmission	LH rear side of transmission	7100.0-24-3
Y9556	Changeover Valve I	LH side of engine, near oil level stick	7100.0-08-1
Y9573	Changeover Valve II	LH front of engine	
X1.0	Junction Post for Front Power Distribution Box	Below LH side of dash, under carpet, near kick panel	7100.0-27-3
X1.1	Junction Post for Front Power Distribution Box	LH rear of engine compartment, in P90 Front Power Distribuiton Box	7100.0-01-2
X1.2	Junction Post for Front Power Distribution Box	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-2
X13	Connector (21 pins)	Below LH side of dash, below driver's footrest (White)	7100.0-27-2
X14	Connector (30 pins)	Below LH side of dash, below driver's footrest (Yellow)	7100.0-27-2
X15	Connector (30 pins)	Below LH side of dash, near kick panel	7100.0-28-3
X16	Connector (26 pins) (525i/535i)	Behind LH side of dash, on rear of A2 Instrument Cluster (Yellow)	7100.0-31-1
X16	Connector (26 pins) (M5)	Behind LH side of dash, on rear of A2 Instrument Cluster (Yellow)	7100.0-31-2
X17	Connector (24 pins) (525i/535i)	Behind LH side of dash, on rear of A2 Instrument Cluster (Brown)	7100.0-31-1
X17	Connector (12 pins) (M5)	Behind LH side of dash, on rear of A2 Instrument Cluster (Brown)	7100.0-31-2
X18	Connector (26 pins)	LH rear of engine compartment, on A4 Check Control Module (Blue)	7100.0-00-2
X19	Connector (26 pins)	LH rear of engine compartment, on A4 Check Control Module (Green)	7100.0-00-2
X20	Connector (20 pins)	LH rear of engine compartment, near shock tower	7100.0-01-3
X31	Connector (12 pins)	LH side of engine compartment, on Y1 ABS Hydraulic Unit, under plastic cover	7100.0-04-3
X32	Connector (12 pins)	Below LH side of dash, LH side of steering column	7100.0-28-3
X33	Connector (12 pins)	Below LH side of dash, near kick panel	7100.0-28-3

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COMPONENT LOCATION CHART

COMPONENTS

			Page-Figure
X34	Connector (21 pins)	Below LH side of dash, near kick panel	7100.0-28-3
X35	Connector (21 pins)	Below LH side of dash, near kick panel	7100.0-29-1
X61	Connector (9 pins)	LH side of engine compartment	7100.0-04-2
X62	Connector (9 pins)	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
X72	Connector (8 pins)	Below LH side of dash, LH side of steering column	7100.0-28-3
X74	Connector (8 pins)	Below LH side of dash, above footrest	7100.0-29-2
X75	Connector (6 pins)	Below LH side of dash, above footrest	7100.0-29-2
X79	Connector (4 pins)	Behind RH front shock tower, in P93 E-Box	7100.0-19-2
X81	Connector (3 pins)	Ahead of LH shock tower, left of P92 auxiliary relay box	7100.0-04-2
X83	Connector (3 pins)	Inside LH kick panel (Yellow)	7100.0-26-3
X84	Connector (3 pins)	Inside LH kick panel (Yellow)	7100.0-26-3
X85	Connector (3 pins)	LH rear of engine compartment	7100.0-01-3
X86	Connector (3 pins)	Ahead of RH shock tower	7100.0-16-3
X88	Connector (3 pins)	Below LH side of dash, LH side of steering column	7100.0-29-1
X105	Connector (2 pins)	LH rear of engine compartment hood, under cover	7100.0-11-1
X106	Connector (2 pins)	LH rear of engine compartment hood, under cover	7100.0-11-2
X110	Connector (2 pins) (M5 Engine)	RH side of engine compartment	7100.0-16-2
X110	Connector (2 pins) (M20/M30 Engines)	RH front corner of engine compartment	7100.0-13-1
X113	Connector (2 pins)	RH rear of engine compartment, near base of shock tower	7100.0-16-1
X114	Connector (2 pins)	LH rear of engine compartment, bottom of shock tower	7100.0-04-3
X118	Connector (2 pins)	Behind LH front wheel, above brake caliper	7100.0-22-1
X120	Connector (2 pins)	LH side of engine compartment	7100.0-04-3
X121	Connector (2 pins)	Below LH side of dash, near clutch switch	7100.0-29-1
X122	Connector (2 pins)	LH rear of engine compartment	7100.0-01-3
X126	Connector (2 pins)	RH front corner of engine compartment	7100.0-13-2
X127	Connector (2 pins)	RH front corner of engine compartment	7100.0-13-3
X163	Connector (3 pins)	RH front of engine compartment, near Y2 Compressor Clutch	7100.0-15-2
X165	Ground	Below LH side of dash, LH side of steering column	7100.0-28-2

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COMPONENT LOCATION CHART

COMPONENTS

		Page-Figure
X166	Ground — RH front of engine compartment, ahead of wheel well	7100.0-13-3
X167	Ground — LH front of engine compartment, on fender wall ahead of wheel well	7100.0-10-2
X170	Terminal Post — LH side of engine compartment, on Y1 ABS Hydraulic Unit	7100.0-04-3
X173	Ground — Below LH side of dash, LH side of steering column	7100.0-28-2
X175	Ground — LH front of engine compartment, on fender wall ahead of wheel well	7100.0-10-2
X179	Ground — RH front of engine compartment, ahead of wheel well	7100.0-13-3
X251	Connector (30 pins) — Below LH side of dash, LH side of steering column	7100.0-28-2
X252	Connector (26 pins) — Below LH side of rear seat	7100.0-46-1
X253	Connector (26 pins) — Below LH side of rear seat, on bottom of A1 General Module (Green)	7100.0-45-1
X254	Connector (26 pins) — Below LH side of rear seat, on bottom of A1 General Module (White)	7100.0-45-1
X255	Connector (26 pins) — Below LH side of rear seat, on bottom of A1 General Module (Yellow)	7100.0-45-1
X256	Connector (26 pins) — Inside front of RH front door jamb, in wire grommet housing	7100.0-39-1
X257	Connector (26 pins) — Inside front of LH front door jamb, in wire grommet housing	7100.0-39-1
X258	Connector (20 pins) — Below LH side of rear seat, on bottom of A5 Relay Module (White)	7100.0-45-1
X259	Connector (20 pins) — Below LH side of rear seat, on bottom of A5 Relay Module (Black)	7100.0-45-1
X260	Connector (21 pins) — Below RH side of rear seat, near battery	7100.0-48-3
X262	Connector (26 pins) — Below LH side of rear seat, on P91 rear power distribution box	7100.0-45-2
X269	Connector (6 pins) — Below LH side of rear seat	7100.0-45-3
X271	Connector (12 pins) (M5) — Behind LH side of dash, on rear of A2 Instrument Cluster (Gray)	7100.0-31-2
X271	Connector (12 pins) (525i/535i) — Behind LH side of dash, on rear of A2 Instrument Cluster (Gray)	7100.0-31-1

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COMPONENT LOCATION CHART

COMPONENTS

			Page-Figure
X272	Connector (12 pins)	Below LH side of rear seat, on P91 Rear Power Distribution Box	7100.0-45-2
X273	Connector (12 pins)	Inside front of LH rear door jamb, in wire grommet housing	7100.0-39-2
X274	Connector (12 pins)	Inside front of RH rear door jamb, in wire grommet housing	7100.0-39-2
X275	Connector (12 pins)	Under driver's seat	7100.0-42-2
X277	Connector (10 pins)	Inside front of LH rear door jamb, in wire grommet housing	7100.0-39-2
X278	Connector (10 pins)	Inside front of RH rear door jamb, in wire grommet housing	7100.0-39-2
X279	Connector (12 pins)	Under passenger's seat	7100.0-44-2
X295	Connector (8 pins)	Below LH side of dash, LH side of steering column	7100.0-28-3
X296	Connector (6 pins)	LH rear of trunk	7100.0-50-3
X297	Connector (9 pins)	Below LH side of rear seat	7100.0-45-1
X301	Connector (26 pins)	LH rear of trunk	7100.0-50-3
X316	Connector (6 pins)	In center console, on S40 Front Console Window Switch Assembly (White)	7100.0-36-1
X317	Connector (6 pins)	In center console, on S40 Front Console Window Switch Assembly (Black)	7100.0-36-1
X318	Connector (4 pins)	RH rear of trunk, forward of E17 Right Rear Light Assembly	7100.0-51-3
X319	Connector (4 pins) (M5)	LH rear of trunk, forward of E16 Left Rear Light Assembly	7100.0-50-3
X319	Connector (4 pins) (525i/535i)	LH rear of trunk, forward of E16 Left Rear Light Assembly	7100.0-50-2
X322	Connector (6 pins)	Below LH side of rear seat, on P91 Rear Power Distribution Box	7100.0-45-2
X328	Connector (4 pins)	RH side of trunk lid, on E47 Right Trunk Light Assembly	7100.0-52-3
X329	Connector (4 pins)	LH side of trunk lid, on E46 Left Trunk Light Assembly	7100.0-52-1
X331	Connector (5 pins)	Below LH side of rear seat, on K91 On-Board Computer Horn Relay (Green)	
X332	Connector (5 pins)	Below LH side of rear seat, on A1 General Module (White)	
X333	Connector (4 pins)	Behind LH side of fresh air cowl panel	7100.0-00-1
X334	Connector (4 pins)	Behind LH side of fresh air cowl panel	7100.0-00-1
X335	Connector (4 pins)	Below LH side of rear seat, on K91 On-Board Computer Horn Relay (Green)	

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COMPONENT LOCATION CHART

COMPONENTS

		Page-Figure
X336	Connector (4 pins) — In center of windshield header	7100.0-33-3
X337	Connector (4 pins) — Below LH side of rear seat	7100.0-45-3
X342	Connector (4 pins) — Below RH side of dash, above RH kick panel	7100.0-38-2
X355	Connector (3 pins) (IHKR) — In RH "C" pillar	7100.0-49-2
X355	Connector (3 pins) (IHKR 2) — In RH "C" pillar	7100.0-50-1
X356	Connector (3 pins) (IHKR) — In LH "C" pillar	7100.0-49-1
X356	Connector (3 pins) (IHKR 2) — In LH "C" pillar	7100.0-49-3
X358	Connector (3 pins) — In RH rear of trunk lid	7100.0-52-3
X360	Connector (3 pins) — LH side of windshield header, above LH visor	7100.0-33-1
X371	Connector (2 pins) — Behind LH side of fresh air cowl panel	7100.0-00-1
X374	Connector (3 pins) — Below RH side of rear seat	7100.0-48-2
X375	Connector (3 pins) — Below RH side of rear seat	7100.0-48-1
X376	Connector (2 pins) — Below LH side of rear seat, behind P91 Rear Power Distribution Box	7100.0-45-2
X377	Connector (2 pins) — Below RH side of rear seat, behind battery	7100.0-48-1
X380	Connector (1 pin) — In RH "C" pillar	7100.0-50-1
X381	Connector (2 pins) — LH side of windshield header, above LH visor	7100.0-33-1
X382	Connector (2 pins) — RH side of windshield header, above RH visor	7100.0-33-1
X391	Connector (2 pins) — Behind center of dash	
X393	Connector (6 pins) — In LH rear corner of trunk	7100.0-50-2
X400	Connector (4 pins) — In LH rear corner of trunk	7100.0-50-2
X416	Connector (2 pins) — LH side of windshield header, near LH visor	
X417	Connector (2 pins) — RH side of windshield header, near RH visor	
X490	Ground — Below LH side of dash, LH side of steering column	7100.0-28-2
X491	Ground — Below LH side of dash, LH side of steering column	7100.0-28-2
X492	Ground — Below LH side of rear seat, near P91 Rear Power Distribution Box	7100.0-46-2
X493	Ground — Below LH side of rear seat, near P91 Rear Power Distribution Box	7100.0-46-2
X495	Ground — Below RH side of rear seat, RH side of battery	7100.0-47-3

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COMPONENTS

		Page-Figure
X496	Ground. Below RH side of rear seat, RH side of battery	7100.0-47-3
X497	Ground (Battery). Ahead of RH side of rear seat, behind access panel	7100.0-47-2
X502	Connector (26 pins) (M5). Behind LH side of dash, on rear of A2 Instrument Cluster (White)	7100.0-31-2
X502	Connector (26 pins) (525i/535i). Behind LH side of dash, on rear of A2 Instrument Cluster (White)	7100.0-31-1
X506	Connector (12 pins). Below center console, front of gear shift lever	7100.0-35-3
X511	Connector (8 pins). Below center console	7100.0-35-3
X512	Connector (8 pins). Below RH side of dash, taped to harness	7100.0-38-1
X514	Connector (6 pins). Behind center of dash, in harness	
X518	Connector (4 pins). Below LH side of dash, on H10 Chime Module (Black)	7100.0-28-1
X520	Connector (3 pins). Below center console	7100.0-35-2
X522	Connector (3 pins). Below LH side of dash, on H10 Chime Module (White)	7100.0-28-1
X526	Connector (8 pins). Below LH side of dash, at kick panel	7100.0-28-3
X539	Connector (2 pins). Behind center of dash, LH side of N9 Radio	
X546	Connector (2 pins). Below center console, LH side of manual gear selector	7100.0-35-2
X605	Connector (12 pins). LH side of trunk, on A18 HIFI Amplifier (Black)	
X606	Connector (12 pins). LH side of trunk, on A18 HIFI Amplifier (White)	
X610	Connector (26 pins). Below center of dash, on A9000 Integrated Climate Regulation Control Unit (IHKR) (White)	7100.0-32-1
X611	Connector (26 pins). Below center of dash, on A9000 Integrated Climate Regulation Control Unit (IHKR) (Green)	7100.0-32-1
X612	Connector (26 pins). Below center of dash, on S9000 Integrated Climate Regulation Switch (IHKR) (Blue)	7100.0-35-1
X613	Connector (26 pins). Below center of dash, on A9000 Integrated Climate Regulation Control Unit (IHKR) (Blue)	7100.0-37-1
X614	Connector (26 pins). Below center of dash, on A9000 Integrated Climate Regulation Control Unit (IHKR) (Yellow)	7100.0-37-1
X623	Connector (10 pins). In top front of driver's door, near mirror	7100.0-39-3
X624	Connector (10 pins). In top front of passenger's door, near mirror	7100.0-39-3

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COMPONENT LOCATION CHART

COMPONENTS

		Page-Figure
X627	Connector (8 pins) In center of windshield header	7100.0-33-3
X633	Connector (8 pins) Behind center of dash, near N9 Radio	7100.0-34-2
X638	Connector (6 pins) Below trunk, RH side of spare tire	7100.0-51-2
X652	Connector (7 pins) Under driver's seat	7100.0-43-1
X659	Connector (7 pins) Under passenger's seat	7100.0-43-1
X684	Connector (3 pins) In passenger's door, near door handle	7100.0-40-2
X685	Connector (3 pins) In driver's door, near door handle	7100.0-40-2
X692	Connector (3 pins) Behind center of dash, behind LH side of N9 Radio	7100.0-34-3
X693	Connector (3 pins) Behind center of dash, on S9000 Integrated Climate Regulation Switch (IHKR) (Black)	7100.0-35-1
X702	Connector (2 pins) Behind center of dash, on N9 Radio (White)	7100.0-34-2
X703	Connector (2 pins) Behind center of dash, on N9 Radio (Black)	7100.0-34-2
X705	Connector (2 pins) Below rear of car, near RH rear suspension frame attachment point	7100.0-26-1
X713	Connector (2 pins) Behind RH rear wheel, above brake caliper	7100.0-23-1
X714	Connector (2 pins) In lower rear of LH rear door	7100.0-41-1
X715	Connector (2 pins) In center rear of LH rear door	7100.0-41-1
X720	Connector (2 pins) In lower rear of RH rear door	7100.0-41-1
X721	Connector (2 pins) In center rear of RH rear door	7100.0-41-1
X726	Connector (2 pins) Under RH side of driver's seat	7100.0-42-2
X727	Connector (2 pins) Under LH side of driver's seat	7100.0-42-3
X728	Connector (2 pins) Under front of driver's seat	7100.0-42-1
X729	Connector (2 pins) Under front of driver's seat	7100.0-42-1
X731	Connector (2 pins) Inside RH side of driver's seatback	7100.0-43-2
X732	Connector (2 pins) Inside RH side of driver's seatback	7100.0-43-2
X733	Connector (2 pins) Under driver's seat	7100.0-43-1
X734	Connector (2 pins) Under RH side of passenger's seat	7100.0-44-2
X735	Connector (2 pins) Under LH side of passenger's seat	7100.0-44-3
X736	Connector (2 pins) Under front of passenger's seat	7100.0-44-1
X737	Connector (2 pins) Under front of passenger's seat	7100.0-44-1

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COMPONENT LOCATION CHART

COMPONENTS

			Page-Figure
X738	Connector (2 pins)	Inside RH side of passenger's seatback	7100.0-43-2
X740	Connector (2 pins)	Under passenger's seat	7100.0-43-1
X741	Connector (2 pins)	Inside RH side of passenger's seatback	7100.0-43-2
X742	Connector (2 pins)	In passenger's door, near door handle	7100.0-40-2
X743	Connector (2 pins)	In center front of passenger's door	7100.0-40-1
X744	Connector (2 pins)	In lower front of passenger's door	7100.0-40-1
X747	Connector (2 pins)	In driver's door, near door handle	7100.0-40-2
X749	Connector (2 pins)	In lower front of driver's door	7100.0-40-1
X750	Connector (2 pins)	In center front of driver's door	7100.0-40-1
X751	Connector (2 pins)	In driver's door, near door handle	7100.0-40-2
X752	Connector (2 pins)	In driver's door, near door handle	7100.0-40-2
X771	Connector (2 pins) (IHKR)	Below LH side of dash, on lower LH side of IHKR plenum	7100.0-32-1
X771	Connector (2 pins) (IHKR 2)	Below LH side of dash, on lower LH side of IHKR 2 plenum	7100.0-32-2
X778	Connector (2 pins)	Under LH side of driver's seat	7100.0-42-3
X783	Connector (2 pins)	Underside of steering column	7100.0-30-2
X784	Connector (2 pins)	Below LH side of dash, at kick panel	7100.0-28-2
X789	Connector (2 pins)	Below rear of car, near rear differential	7100.0-26-2
X800	Connector (2 pins)	Inside LH kick panel	7100.0-26-3
X803	Connector (2 pins)	Behind center of dash, on N9 Radio (Black)	7100.0-34-3
X804	Connector (2 pins)	Behind center of dash, on N9 Radio (White)	7100.0-34-3
X813	Connector (1 pin)	Behind center of dash, on N9 Radio (Black)	7100.0-34-3
X815	Connector (1 pin)	Behind center of dash, near N9 Radio	7100.0-34-3
X818	Ground	Below LH side of dash, LH side of steering column	7100.0-28-2
X882	Connector (2 pins)	In RH front corner of driver's seat	7100.0-43-1
X883	Connector (2 pins)	In RH front corner of passenger's seat	7100.0-43-1
X910	B+ Junction Post	LH rear of engine compartment	7100.0-01-3
X948	Connector (1 pin)	In LH "C" pillar	7100.0-49-1
X949	Connector (1 pin)	In LH "C" pillar	7100.0-49-1
X951	Connector (1 pin)	In RH "C" pillar	7100.0-49-2
X952	Connector (1 pin)	In RH "C" pillar	7100.0-49-2

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COMPONENT LOCATION CHART

COMPONENTS

		Page-Figure
X954	Connector (1 pin) — In LH "C" pillar	7100.0-49-1
X955	Ground (Battery) — Lower RH front of engine compartment	7100.0-24-1
X960	B+ Junction Post — Below LH side of dash, near accelerator pedal	7100.0-31-3
X962	B+ Junction Post — RH side of engine compartment, inside fusible link cover	7100.0-21-1
X963	B+ Junction Post — Below RH side of rear seat, inside cover	7100.0-47-1
X964	B+ Junction Post — Lower LH rear of engine compartment, on M1 Starter	7100.0-03-1
X998	Connector (4 pins) — Below RH side of dash, on RH side of IHKR 2 Plenum	7100.0-38-1
X999	Connector (4 pins) — Below LH side of dash, on LH side of IHKR 2 Plenum	7100.0-32-3
X1514	Connector (3 pins) — Top of engine	7100.0-08-3
X1521	Connector (3 pins) (M30 Engine) — Top front of engine	7100.0-14-2
X1521	Connector (3 pins) (M5 Engine) — Front of engine, near distributor	7100.0-09-2
X1521	Connector (3 pins) (M20 Engine) — Lower LH side of engine	7100.0-07-3
X1522	Connector (3 pins) (M20 Engine) — Lower LH side of engine	7100.0-07-3
X1522	Connector (3 pins) (M30 Engine) — Top front of engine	7100.0-14-2
X1522	Connector (3 Pins) (M5 Engine) — Front of engine, near distributor	7100.0-09-2
X1523	Connector (4 pins) (M5) — Lower LH side of engine	7100.0-08-2
X1523	Connector (4 pins) (M30 Engine) — Lower LH rear side of engine	7100.0-05-1
X1523	Connector (4 pins) (M20 Engine) — RH rear of engine, LH side of P93 E-Box	7100.0-20-3
X1525	Connector (3 pins) (M30 Engine) — Lower LH front of engine	7100.0-05-2
X1525	Connector (3 pins) (M5 Engine) — Lower LH side of engine	7100.0-05-3
X1525	Connector (3 pins) (M20 Engine) — LH front of engine	7100.0-09-3
X1532	Diagnostic Connector D100 (20 pins) — LH rear of engine compartment, RH side of shock tower	7100.0-01-3
X1533	Connector (3 pins) (M30 Engine) — Lower LH rear side of engine	7100.0-05-1
X1533	Connector (3 pins) (M5) — Lower LH side of engine	7100.0-08-2
X1537	Connector (8 pins) — Behind RH front shock tower, in P93 E-Box	7100.0-19-2
X1540	B+ Junction Post for E-Box — Behind RH front shock tower, in P93 E-Box	7100.0-18-3
X1541	Ground — RH rear of engine compartment, near shock tower	7100.0-20-2
X1542	Ground — RH rear of engine compartment, near shock tower	7100.0-20-2
X1552	Connector (4 pins) — Behind RH front shock tower, in P93 E-Box	7100.0-19-3
X1563	Connector (7 pins) — LH side of engine, in front of M1 Starter	7100.0-03-1

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COMPONENT LOCATION CHART

COMPONENTS

		Page-Figure
X2001 . . . Connector (12 pins)	Behind RH corner of glove box	7100.0-38-2
X2005 . . . Connector (8 pins)	On LH side of transmission	7100.0-24-3
X2008 . . . Ground	Below RH side of rear seat, RH side of battery	7100.0-48-2
X8073 . . . Connector (3 pins)	LH front of trunk	7100.0-51-1
X8074 . . . Connector (12 pins)	LH front of trunk	7100.0-51-1
X8948 . . . Connector (1 pin)	In LH "C" pillar	7100.0-49-3
X8949 . . . Connector (1 pin)	In LH "C" pillar	7100.0-49-3
X8953 . . . Connector (1 pin)	In LH "C" pillar	7100.0-49-3
X8954 . . . Connector (1 pin)	In LH "C" pillar	7100.0-49-3
X9000 . . . Connector (2 pins)	Behind center of dash, on N9 Radio (Black)	7100.0-34-2
X9322 . . . Connector	Below LH side of rear seat, near P91 Rear Power Distribution Box	
X9503 . . . Connector (2 pins)	Below center console, near gear shift lever	7100.0-35-2
X9571 . . . Connector (3 pins)	Front of engine, near distributor	7100.0-09-2
X9997 . . . Connector (2 pins)	Inside steering wheel, on G5 Driver's Air Bag Generator	7100.0-30-1
X18049 . . Connector (2 pins)	Lower part of LH rear door	7100.0-41-2
X18052 . . Connector (2 pins)	Lower part of RH rear door	7100.0-41-2
X18153 . . Connector (3 pins)	Below RH side of dash, on RH side of IHKR 2 plenum	7100.0-38-1
X18155 . . Connector (26 pins)	Below center of dash, mounted on A87 Integrated Regulation II Control Unit	7100.0-37-3
X18156 . . Connector (26 pins)	Below center of dash, mounted on A87 Integrated Regulation II Control Unit	7100.0-37-3
X18157 . . Connector (26 pins)	Below center of dash, mounted on A87 Integrated Regulation II Control Unit	7100.0-37-3
X181499 . Connector (1 pin)	Below RH side of dash	7100.0-38-1

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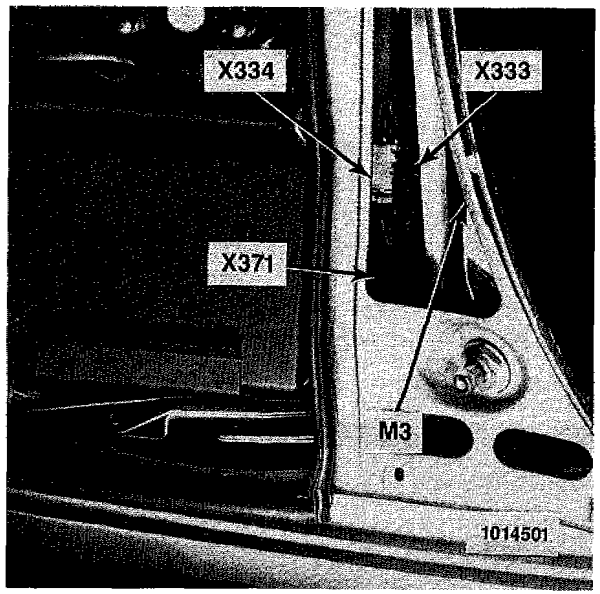


Figure 1- Behind LH Fresh Air Cowl

M3 Wiper Motor
X333 Connector (4 pins) SW
X334 Connector (4 pins) WS
X371 Connector (2 pins) SW

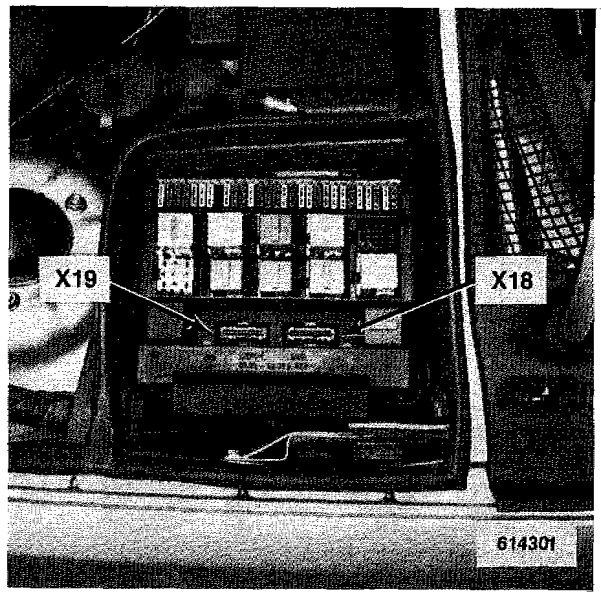


Figure 2- LH Rear Corner Of Engine Compartment

X18 Connector (26 pins) BL
X19 Connector (26 pins) GN

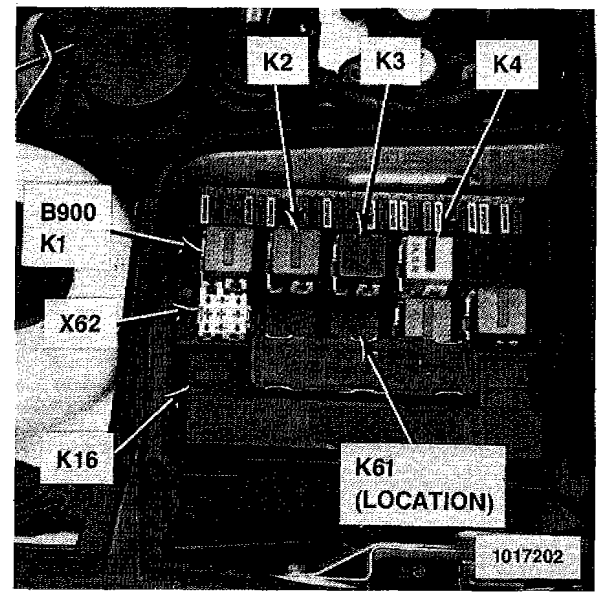


Figure 3- LH Rear Corner Of Engine Compartment

B900 Jumper Plug
K1 Starter Relay
K2 Horn Relay
K3 Unloader Relay, KLR
K4 Blower Relay
K16 Hazard Flasher Relay
K61 Unloader Relay, KL61
X62 Connector (9 pins) WS

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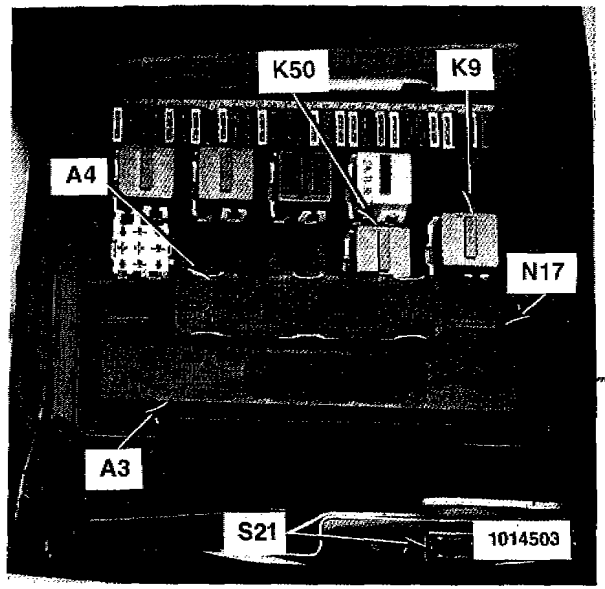


Figure 1- LH Rear Corner Of Engine Compartment

A3 Lamp Control Module
A4 Check Control Module
K9 Unloader Relay, KL15
K50 Water Pump Relay
N17 Crash Control Unit
S21 Engine Hood Switch

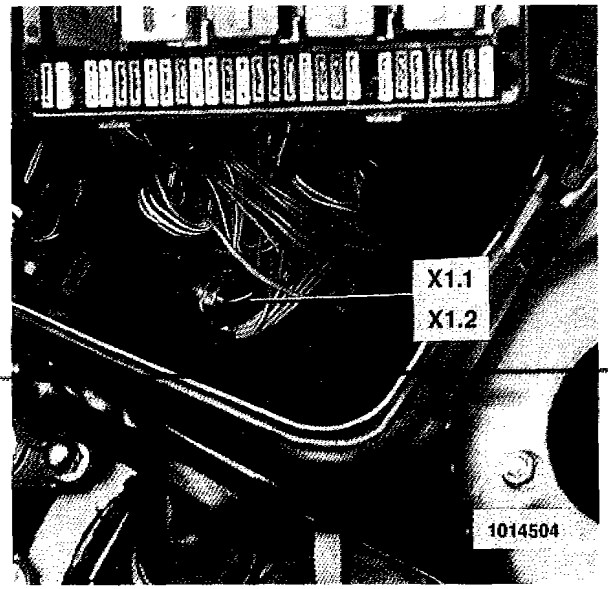


Figure 2- LH Rear Corner Of Engine Compartment

X1.1 Junction Post For Front Power Distribution Box
X1.2 Junction Post For Front Power Distribution Box

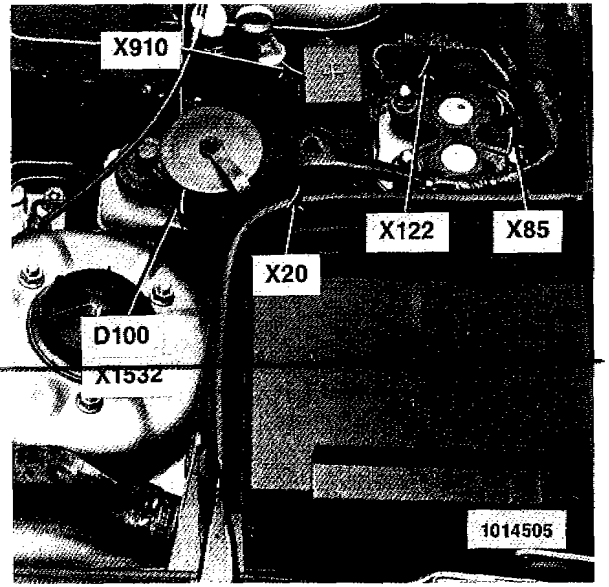


Figure 3- LH Rear Of Engine Compartment (M30 Engine Shown; M20 And M5 Engines Similar)

D100 Diagnostic Connector
X20 Connector (20 pins) SW
X85 Connector (3 pins) SW
X122 Connector (2 pins) SW
X910 B+ Junction Post
X1532 Diagnostic Connector (20 pins) SW

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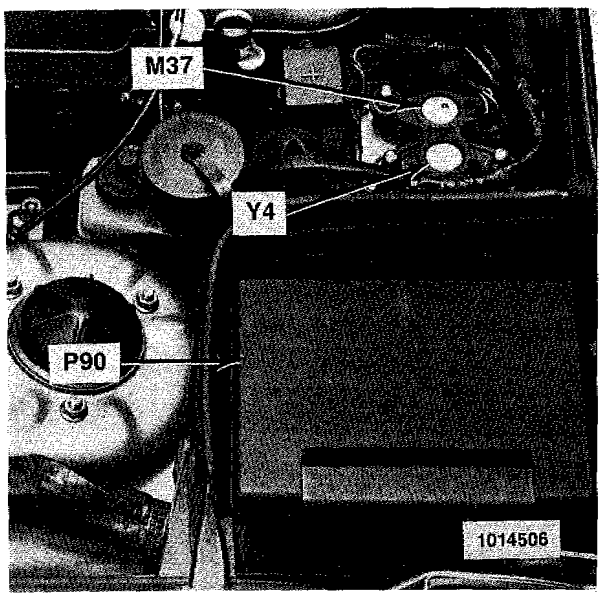


Figure 1- LH Rear Of Engine Compartment (M30 Engine Shown; M20 And M5 Engines Similar)

M37 Water Pump (Under Y4 Water Valve Assembly)
P90 Front Power Distribution Box
Y4 Water Valve Assembly

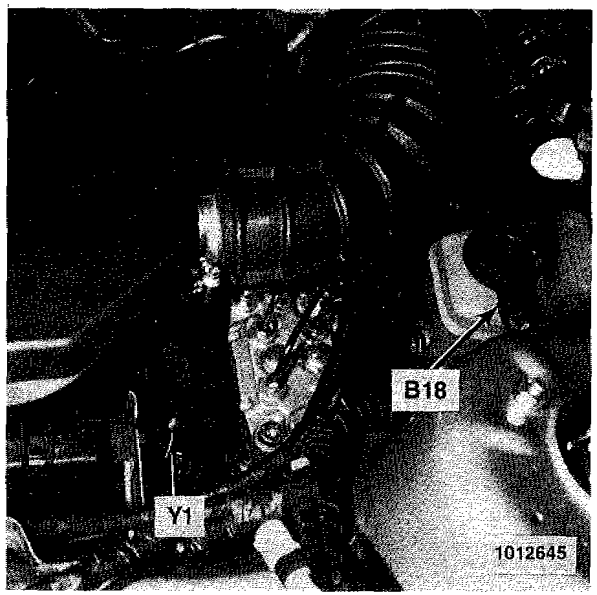


Figure 2- LH Side Of Engine Compartment (M20 Engine Shown; M5 Engine Similar)

B18 Brake Fluid Level Switch
Y1 ABS Hydraulic Unit

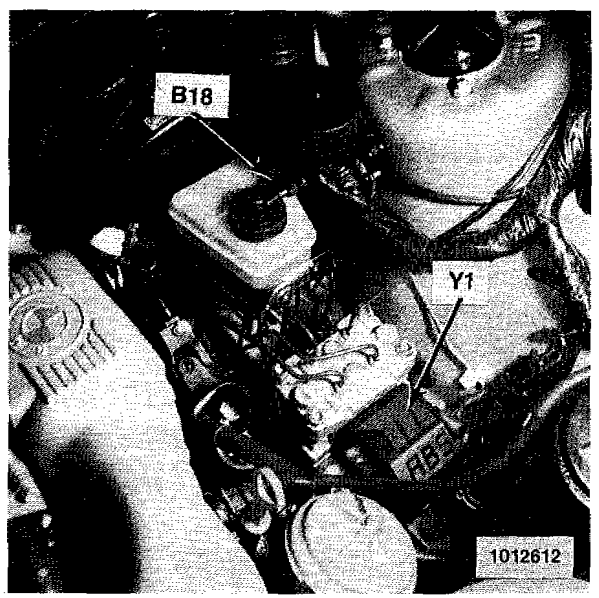


Figure 3- LH Side Of Engine Compartment (M30 Engine)

B18 Brake Fluid Level Switch
Y1 ABS Hydraulic Unit

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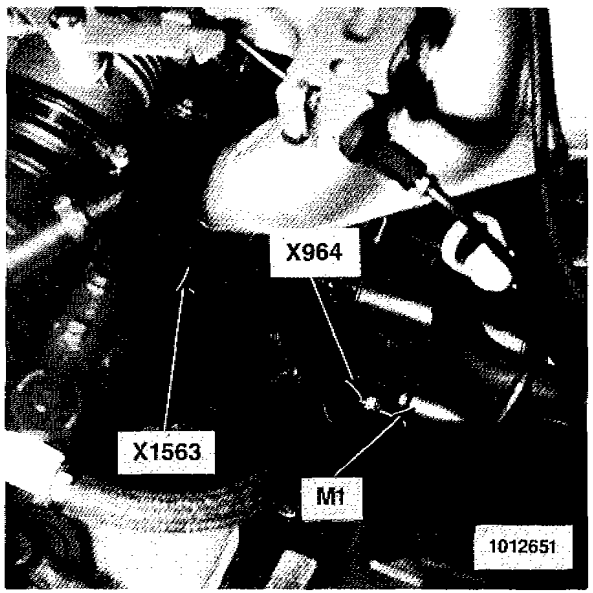


Figure 1- LH Rear Of Engine (M20 Engine)

M1 Starter
X964 B+ Junction Post
X1563 Connector (7 pins) SW

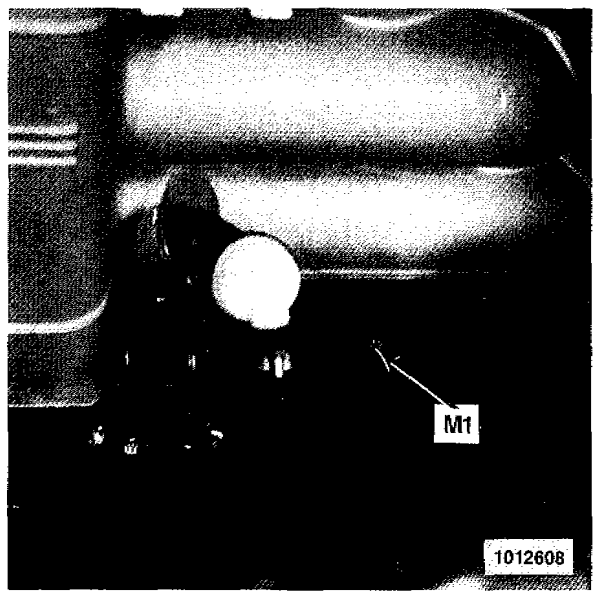


Figure 2- LH Rear Of Engine (M30 Engine)

M1 Starter

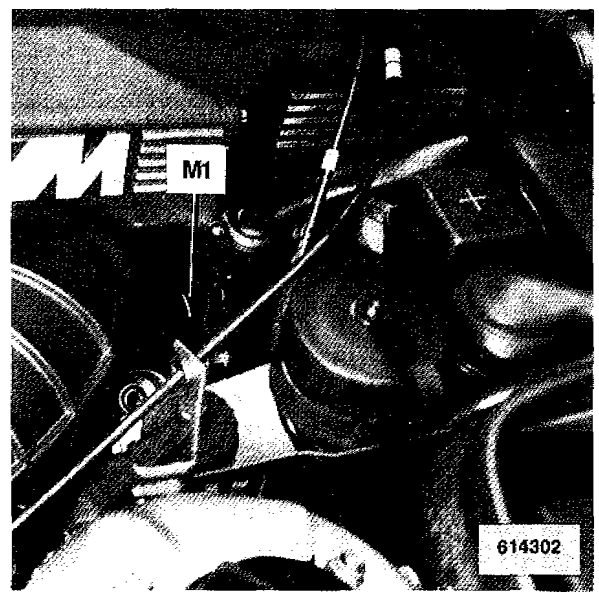


Figure 3- LH Rear Of Engine (M5 Engine)

M1 Starter

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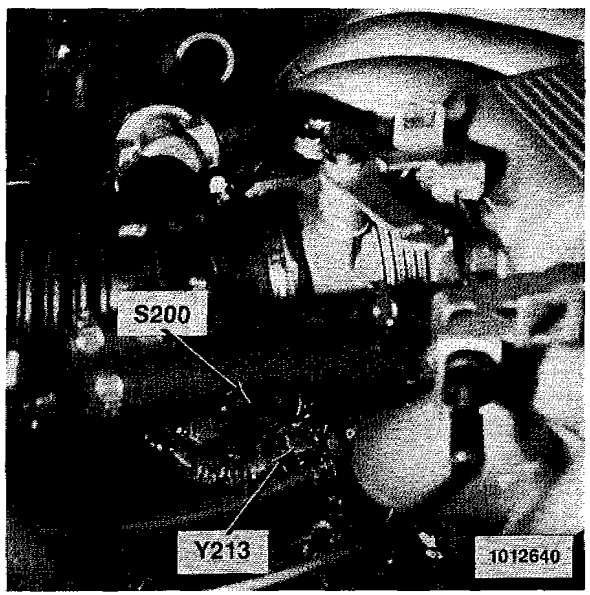


Figure 1- LH Rear Of Engine (M20 Engine)

S200 Throttle Switch
Y213 Fuel Air Valve

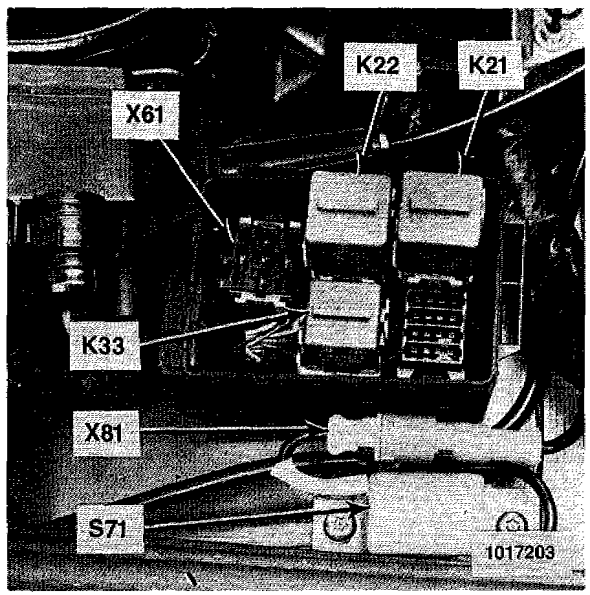


Figure 2- LH Side Of Engine Compartment (M30 Engine Shown; M20 And M5 Engines Similar)

K21 Normal Speed Relay
K22 High Speed Relay
K33 Air Conditioning Relay
S71 Left Front Crash Sensor
X61 Connector (9 pins) SW
X81 Connector (3 pins) OR

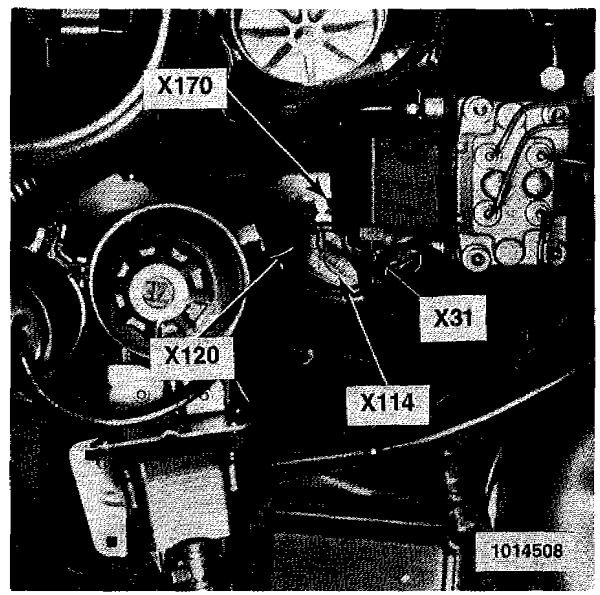


Figure 3- LH Side Of Engine Compartment (M30 Engine Shown; M20 And M5 Engines Similar)

X31 Connector (12 pins) SW
X114 Connector (2 pins) WS
X120 Connector (2 pins) SW
X170 Terminal Post

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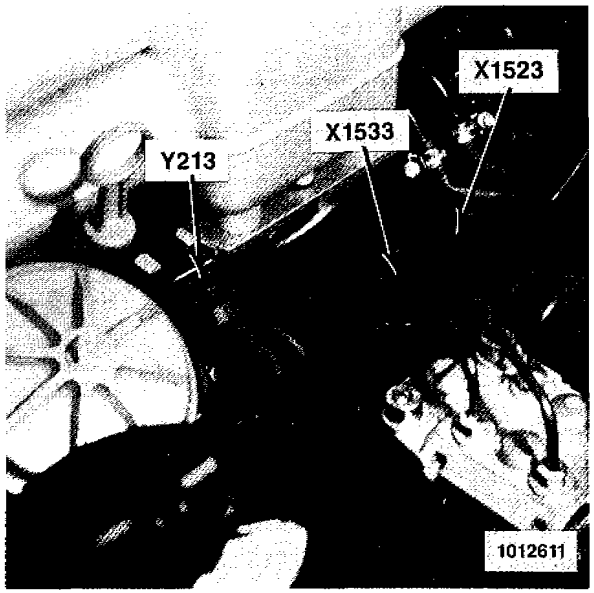


Figure 1- Lower LH Side Of Engine (M30 Engine)

Y213 Fuel Air Valve
X1523 Connector (4 pins) SW
X1533 Connector (3 pins) SW

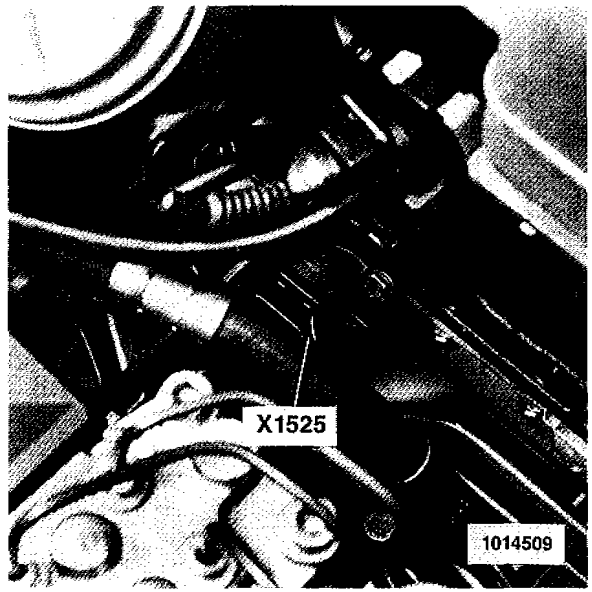


Figure 2- Lower LH Side Of Engine (M30 Engine)

X1525 Connector (3 pins) SW

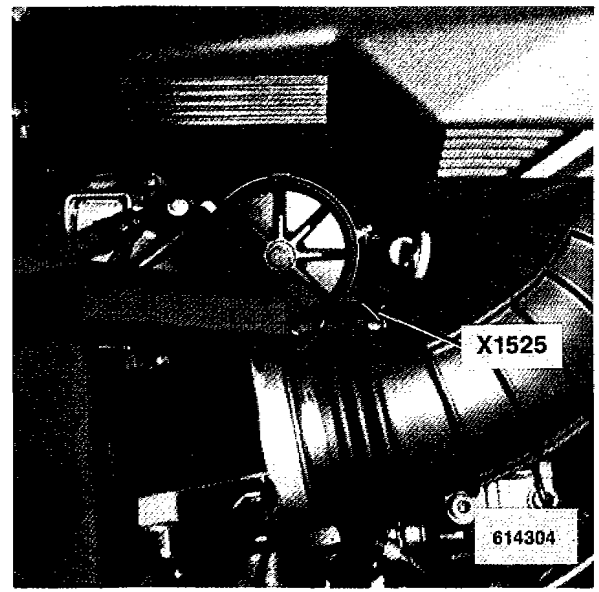


Figure 3- LH Side Of Engine Compartment (M5 Engine)

X1525 Connector (3 pins) SW

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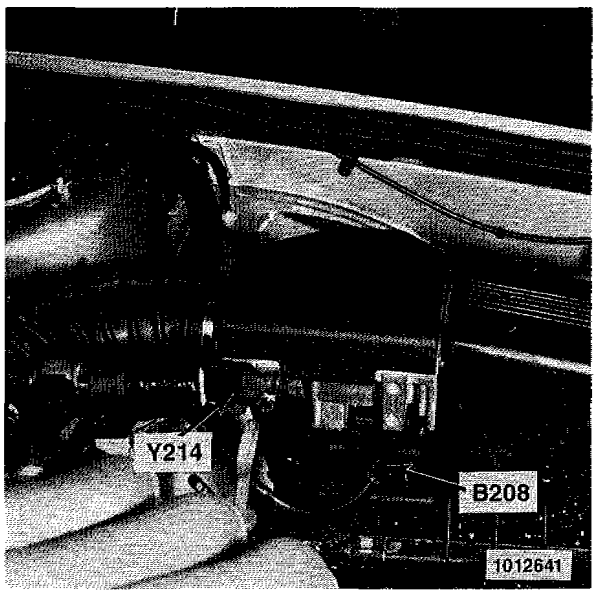


Figure 1- LH Side Of Engine Compartment (M20 Engine)

B208 Air Flow Meter
Y214 Idle Speed Actuator

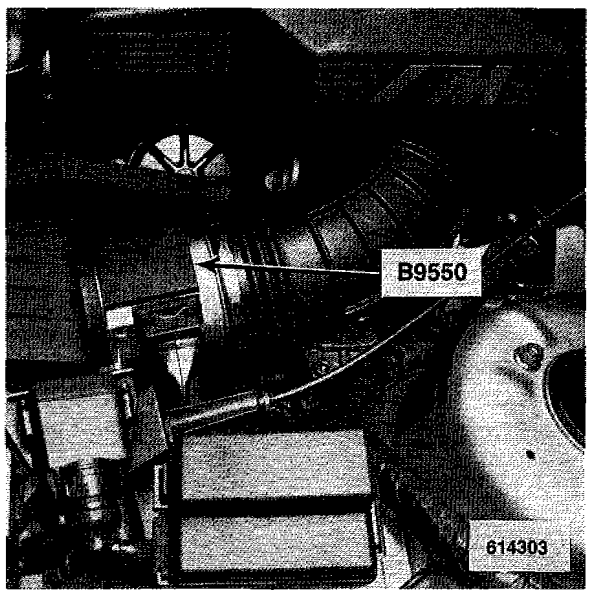


Figure 2- LH Side Of Engine Compartment (M5 Engine)

B9550 Air Mass Meter

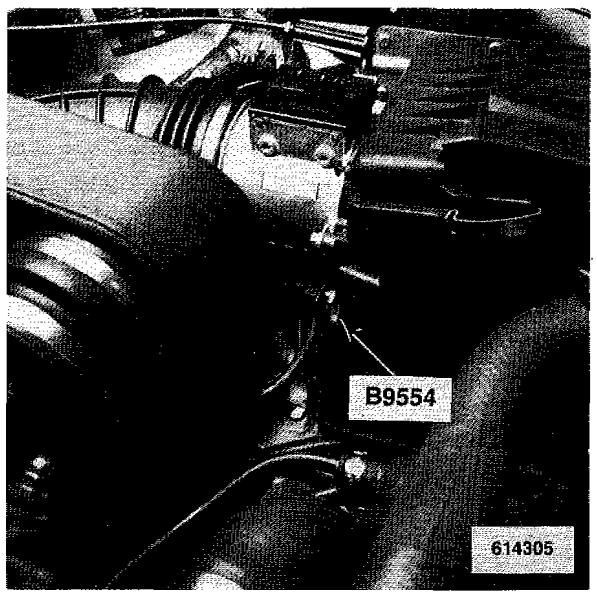


Figure 3- LH Side Of Engine Compartment (M5 Engine)

B9554 Intake Air Temperature Sensor

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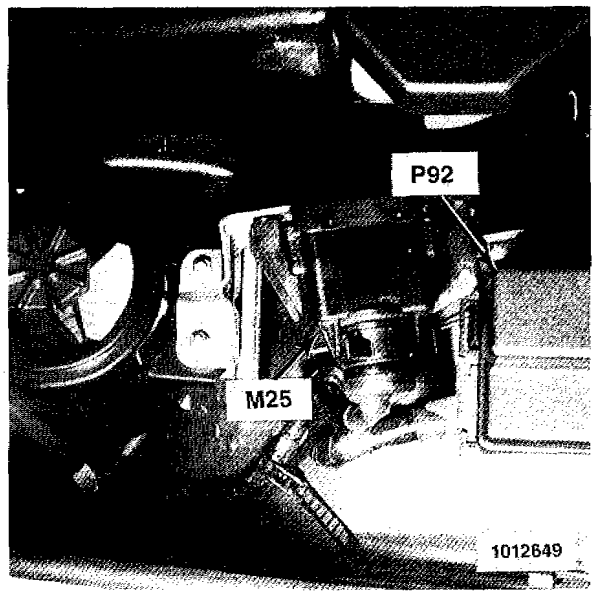


Figure 1- LH Side Of Engine Compartment (M20 Engine Shown; M30 Engine Similar)

M25 Cruise Control Actuator (Tempomat)
P92 Auxiliary Relay Box

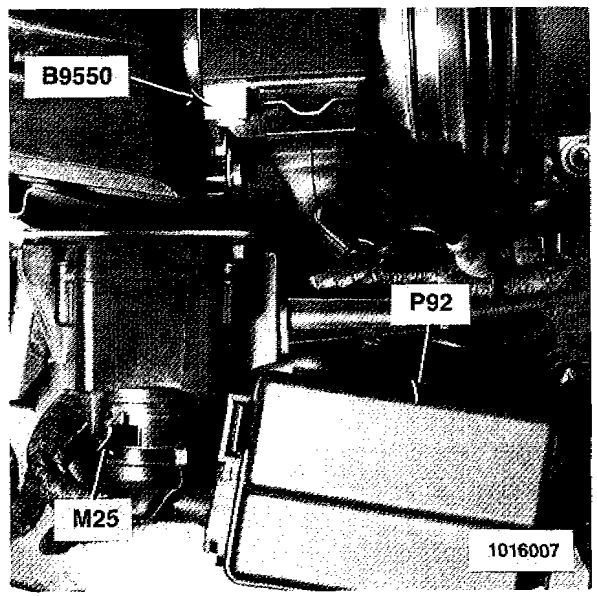


Figure 2- LH Side Of Engine Compartment (M5 Engine)

B9550 Air Mass Meter
M25 Cruise Control Actuator (Tempomat)
P92 Auxiliary Relay Box

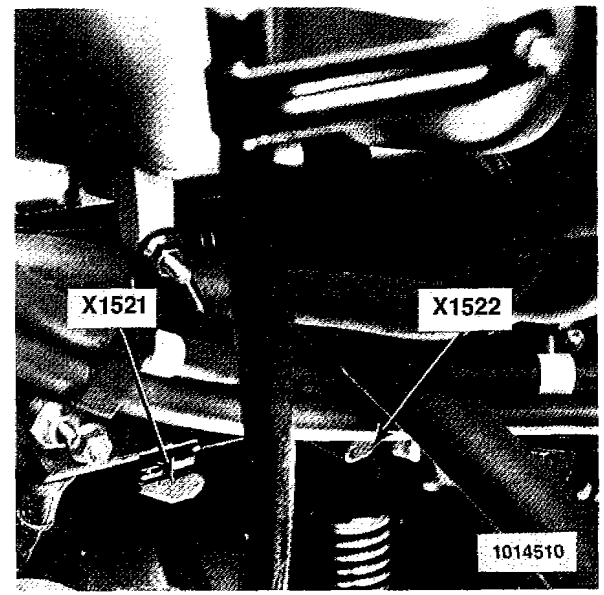


Figure 3- Lower LH Front Side Of Engine (M20 Engine) (Air Cleaner Assembly Removed)

X1521 Connector (3 pins) SW
X1522 Connector (3 pins) SW

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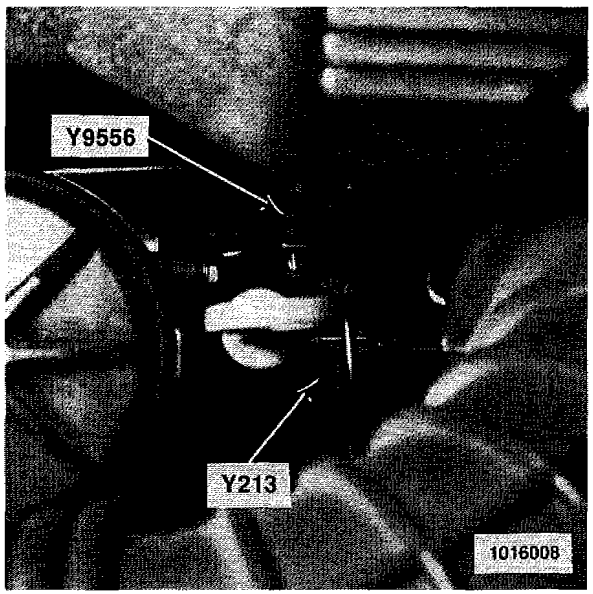


Figure 1- LH Front Of Engine (M5 Engine)

Y213 Fuel Air Valve
Y9556 Changeover Valve I

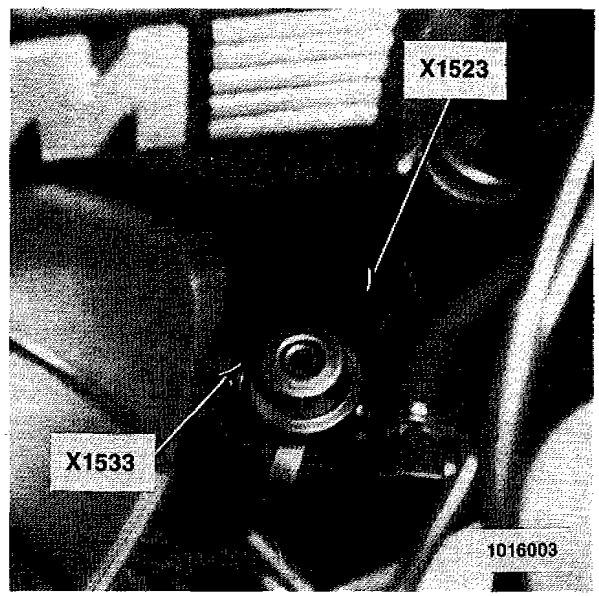


Figure 2- LH Rear Of Engine (M5 Engine)

X1523 Connector (4 pins) SW
X1533 Connector (3 pins) SW

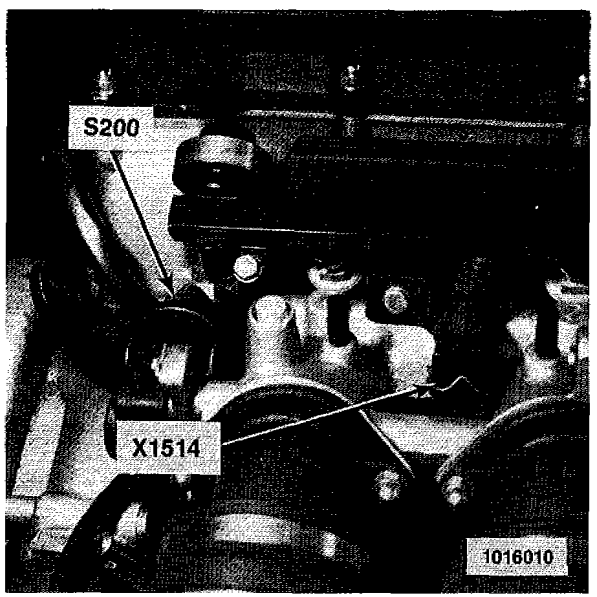


Figure 3- Top Front Of Engine (M5 Engine)

S200 Throttle Switch
X1514 Connector (3 pins) SW

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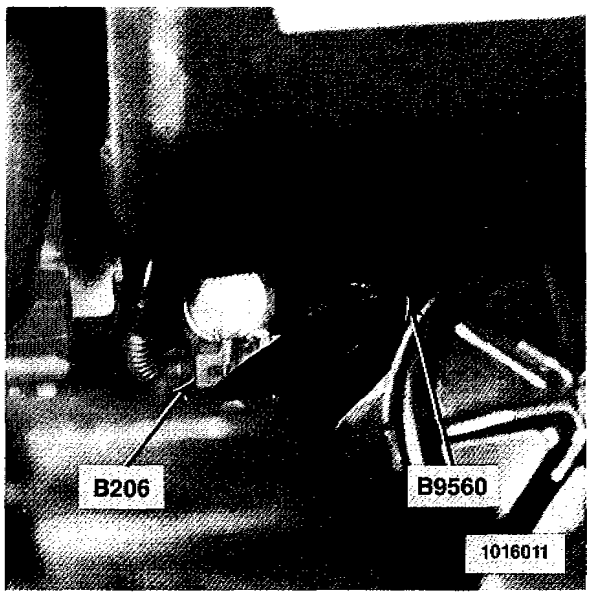


Figure 1- LH Front Of Engine (M5 Engine)

B206 Oil Pressure Switch
B9560 Oil Temperature Sensor



Figure 2- Top Front Of Engine (M5 Engine)

B202 Engine Speed/Reference Point Sensor
M9571 Air Pump
X1521 Connector (3 pins) GR
X1522 Connector (3 pins) SW
X9571 Connector (3 pins) SW

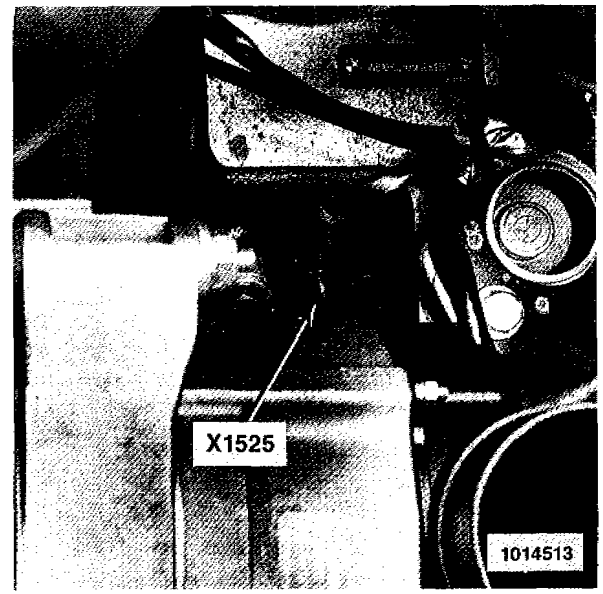


Figure 3- Lower LH Front Of Engine (M20 Engine) (Air Flow Assembly Removed)

X1525 Connector (3 pins) SW

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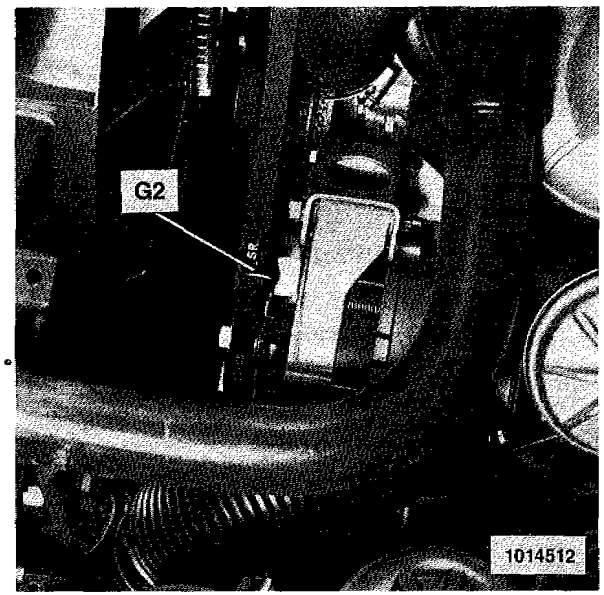


Figure 1- Lower LH Front Of Engine Compartment (M30 Engine Shown; M20 And M5 Engines Similar)

G2 Alternator

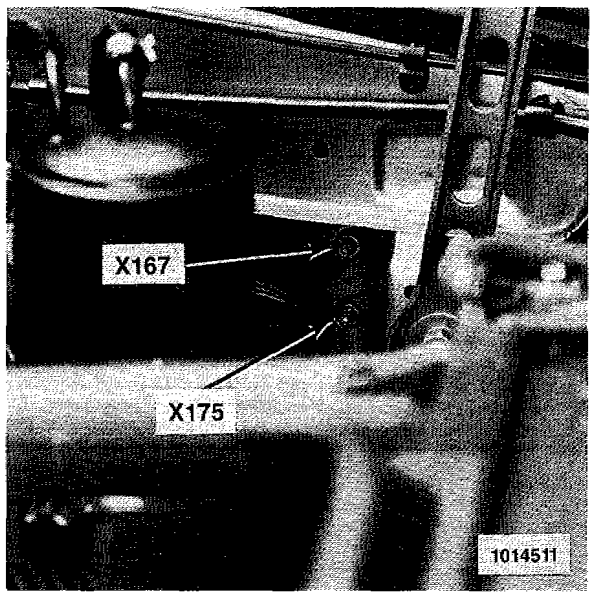


Figure 2- LH Front Of Engine Compartment (M30 Engine Shown; M20 And M5 Engines Similar)

X167 Ground
X175 Ground



Figure 3- LH Front Of Engine Compartment Hood

S19 Underhood Light Switch

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COMPONENT LOCATION VIEWS

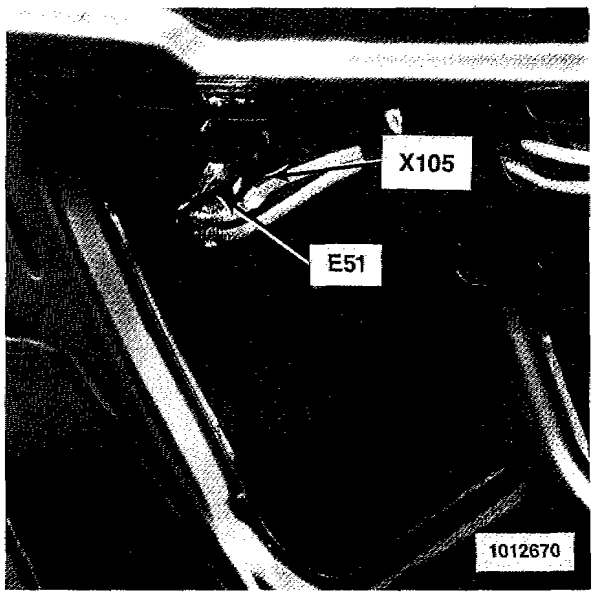


Figure 1- Rear Of Engine Compartment Hood

E51 Left Washer Jet Heater
X105 Connector (2 pins) SW

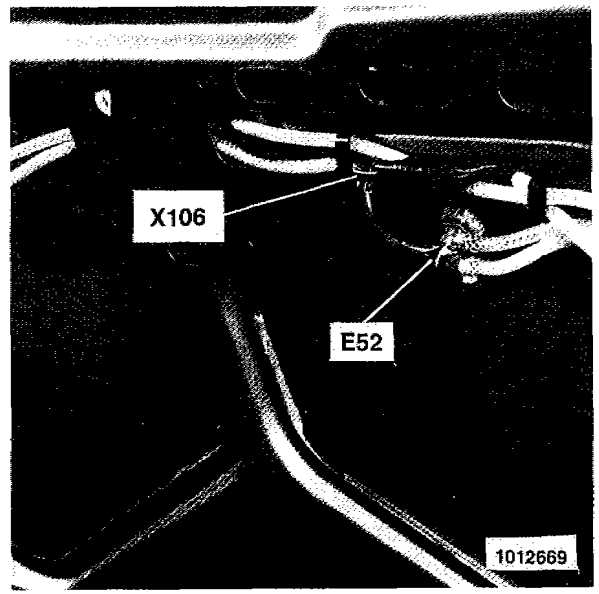


Figure 2- Rear Of Engine Compartment Hood

E52 Right Washer Jet Heater
X106 Connector (2 pins) SW

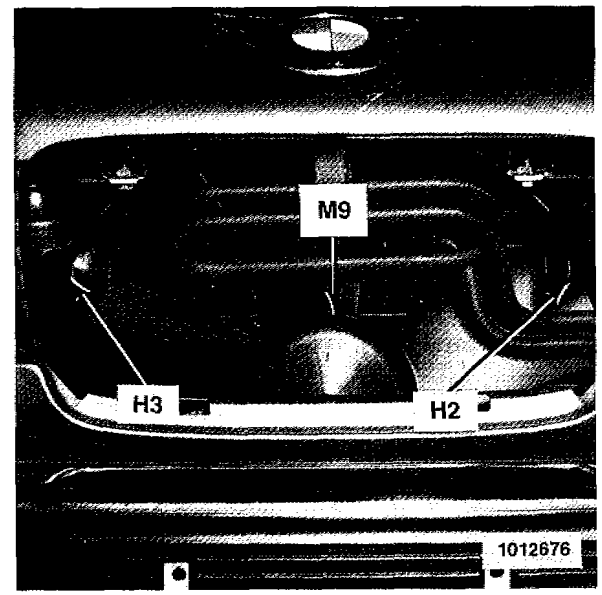


Figure 3- Front Of Car (Grille Removed)

H2 Left Horn
H3 Right Horn
M9 Auxiliary Fan Motor

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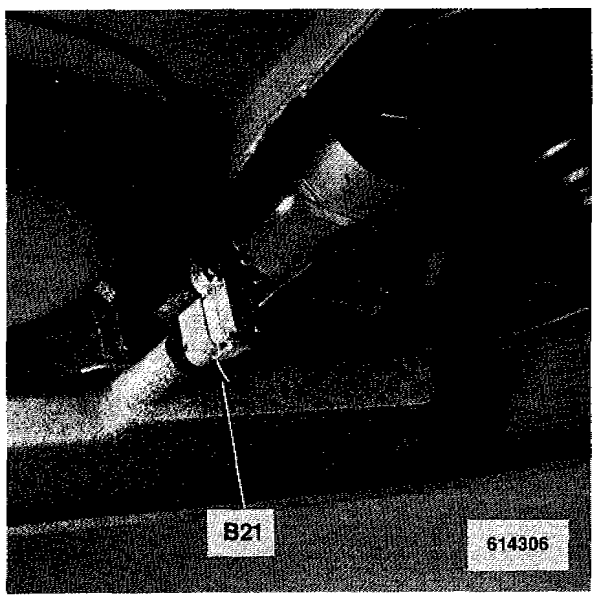


Figure 1- Behind RH Corner Of Front Bumper

B21 On-Board Computer Temperature Sensor

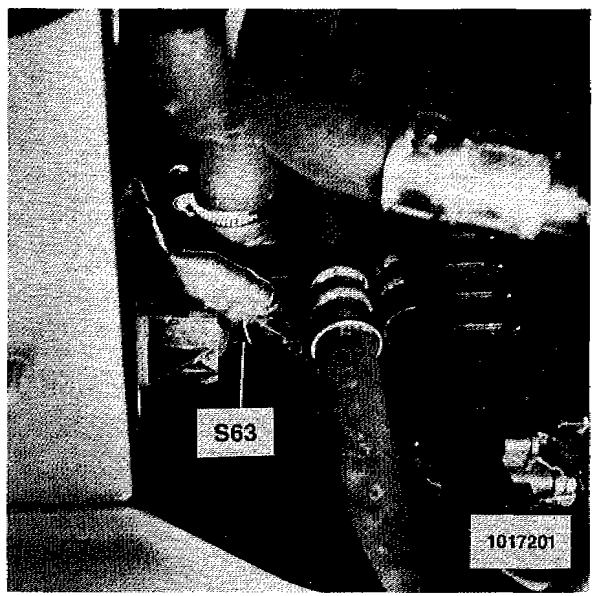


Figure 2- Lower LH Side Of Radiator (M20 Engine)

S63 Coolant Level Switch

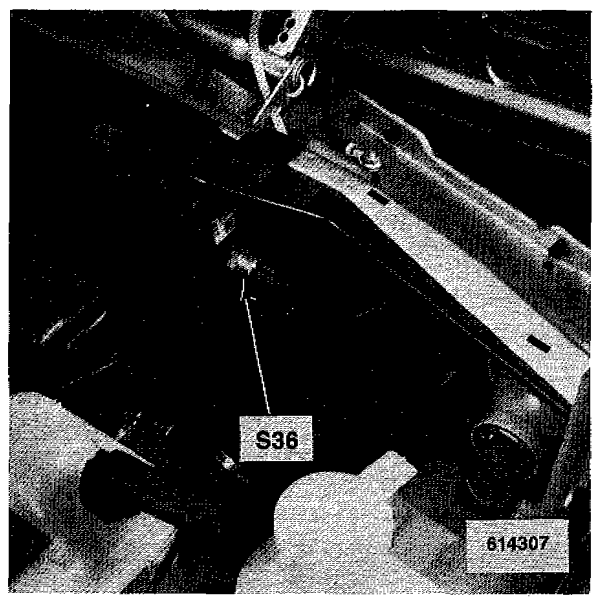


Figure 3- Top RH Side Of Radiator (M5 Engine Shown; M20 And M30 Engines Similar)

S36 Temperature Switch

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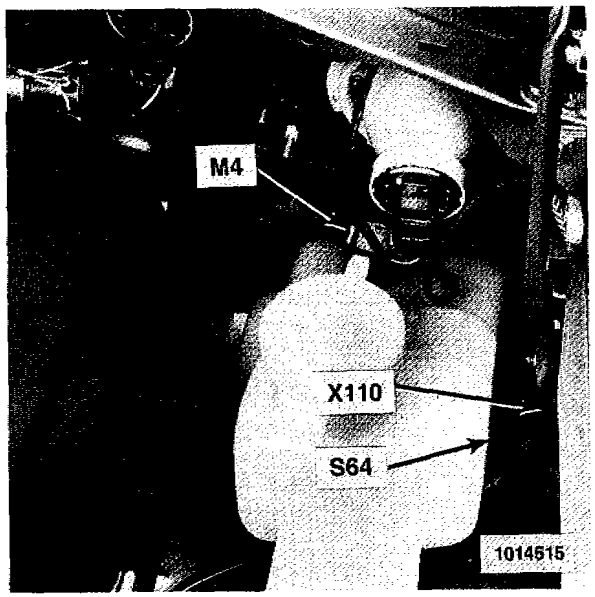


Figure 1- RH Front Corner Of Engine Compartment (M30 Engine Shown; M20 Engine Similar)

M4 Washer Pump
S64 Washer Fluid Level Switch
X110 Connector (2 pins) BL

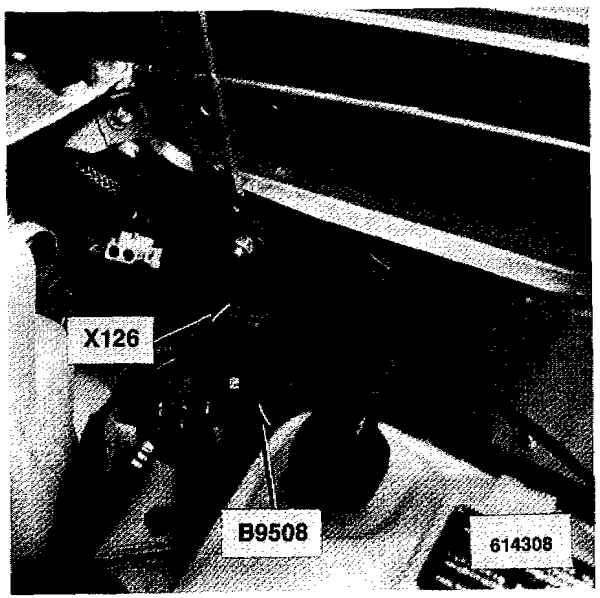


Figure 2- RH Front Corner Of Engine Compartment (M5 Engine Shown; M20 And M30 Engines Similar)

B9508 Pressure Switch
X126 Connector

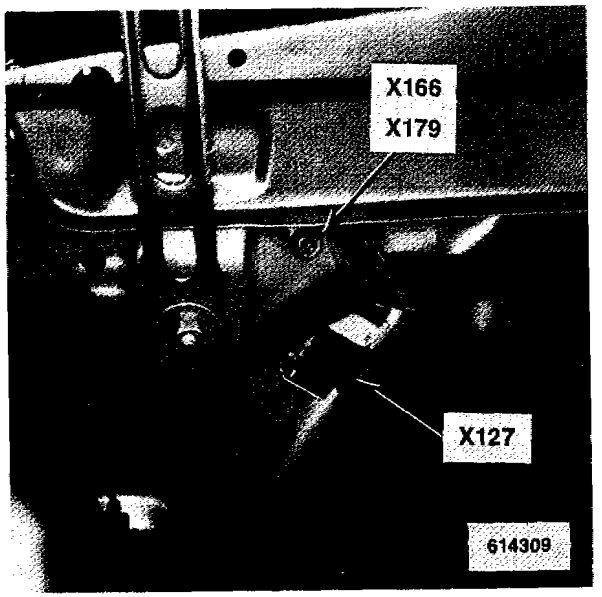


Figure 3- RH Front Corner Of Engine Compartment (M5 Engine Shown; M20 and M30 Engines Similar)

X127 Connector (2 pins) SW
X166 Ground
X179 Ground

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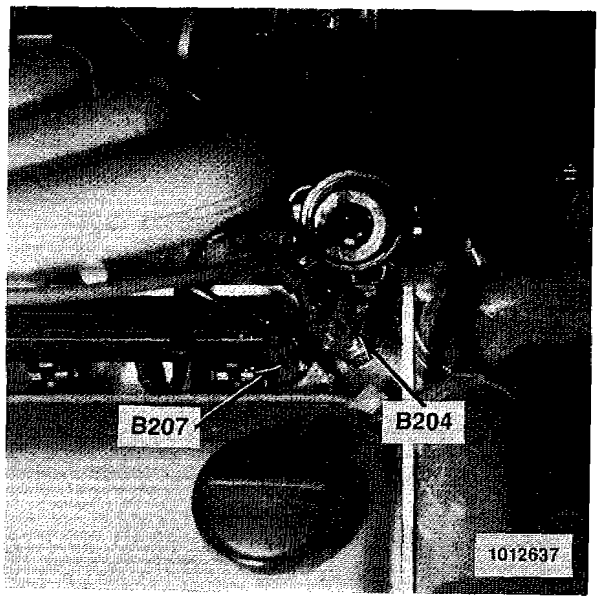


Figure 1- Top Front Of Engine (M20 Engine)

B204 Coolant Temperature Sensor
B207 Coolant Temperature Sender

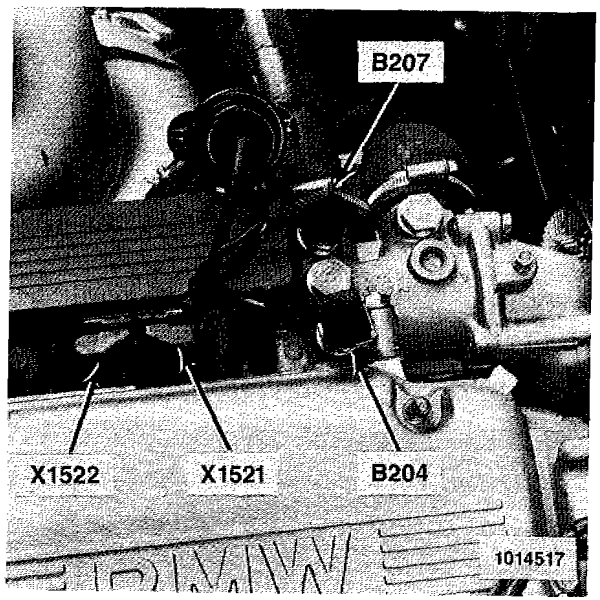


Figure 2- Top Front Of Engine (M30 Engine)

B204 Coolant Temperature Sensor
B207 Coolant Temperature Sender
X1521 Connector (3 pins) SW
X1522 Connector (3 pins SW

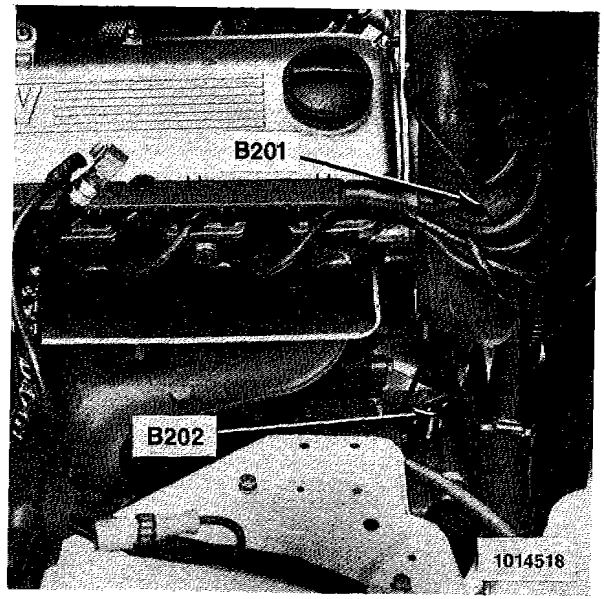


Figure 3- RH Front Of Engine (M20 Engine Shown; M30 Engine Similar)

B201 Cylinder Identification Sensor
B202 Engine Speed/Reference Point Sensor

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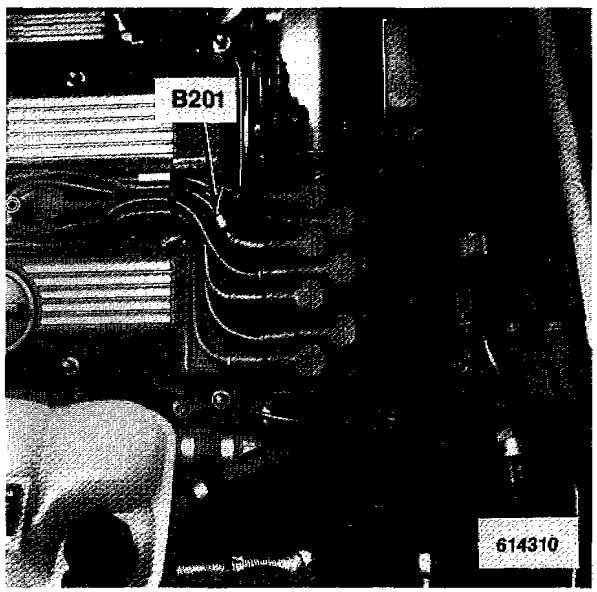


Figure 1- Top RH Front Of Engine (M5 Engine)

B201 Cylinder Identification Sensor



Figure 2- RH Front Of Engine (M20 Engine Shown; M30 And M5 Engines Similar)

X163 Connector (3 pins) SW

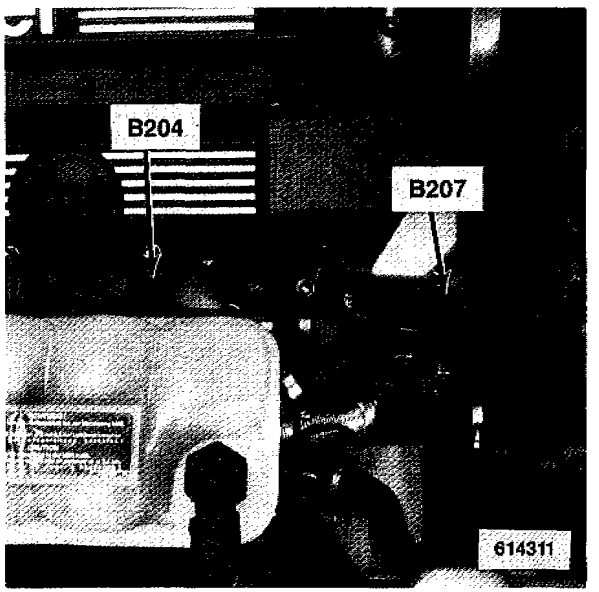


Figure 3- RH Front Of Engine (M5 Engine)

B204 Coolant Temperature Sensor
B207 Coolant Temperature Sender

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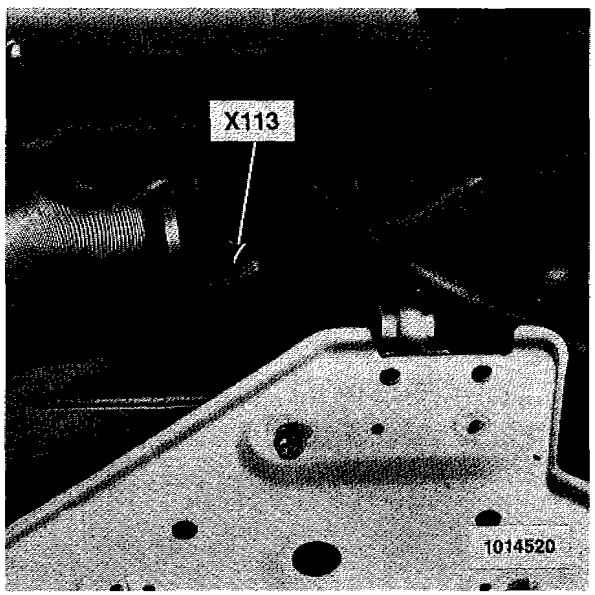


Figure 1- Lower RH Side Of Engine (M20 Engine Shown; M30 And M5 Engines Similar)

X113 Connector (2 pins) WS

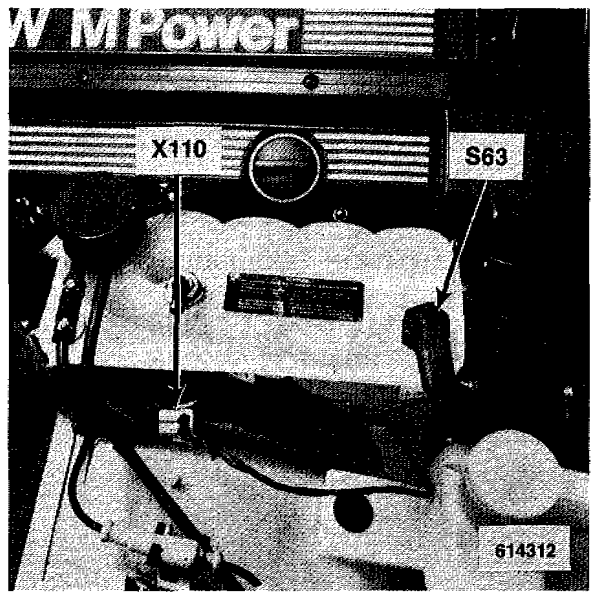


Figure 2- RH Side Of Engine Compartment (M5 Engine)

S63 Coolant Level Switch
X110 Connector (2 pins) BL

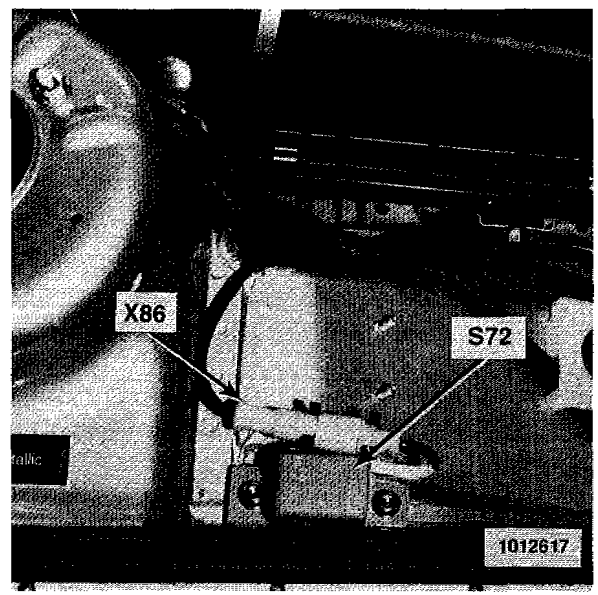


Figure 3- RH Side Of Engine Compartment (M30 Engine Shown; M20 And M5 Engines Similar)

S72 Right Front Crash Sensor
X86 Connector (3 pins) OR

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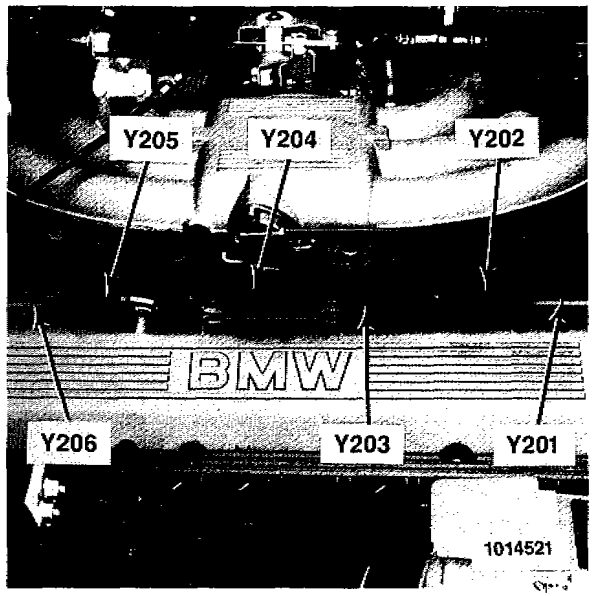


Figure 1- Top Of Engine (M20 Engine Shown; M30 Engine Similar)

Y201 Fuel Injector 1
Y202 Fuel Injector 2
Y203 Fuel Injector 3
Y204 Fuel Injector 4
Y205 Fuel Injector 5
Y206 Fuel Injector 6

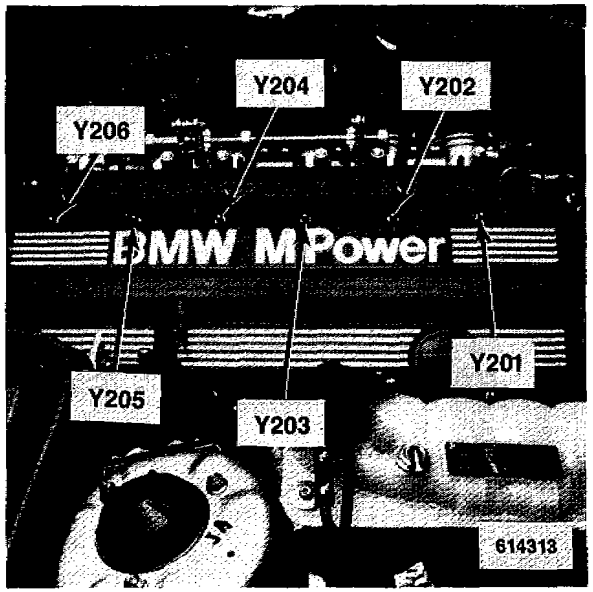


Figure 2- Top Of Engine (M5 Engine)

Y201 Fuel Injector 1
Y202 Fuel Injector 2
Y203 Fuel Injector 3
Y204 Fuel Injector 4
Y205 Fuel Injector 5
Y206 Fuel Injector 6

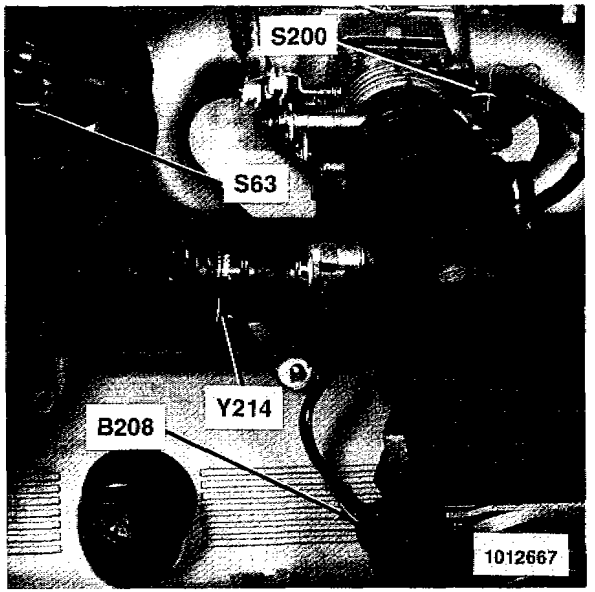


Figure 3- Top RH Rear Of Engine (M30 Engine)

B208 Air Flow Meter
S63 Coolant Level Switch
S200 Throttle Switch
Y214 Idle Speed Actuator

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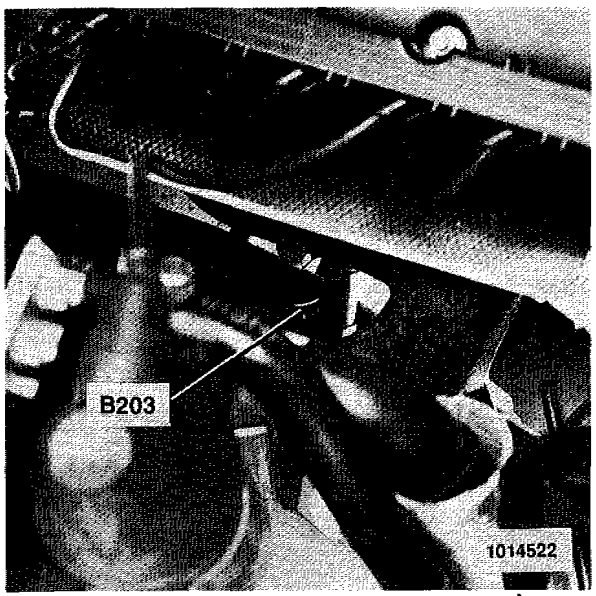


Figure 1- Lower RH Side Of Engine (M20 Engine)

B203 Oxygen Sensor

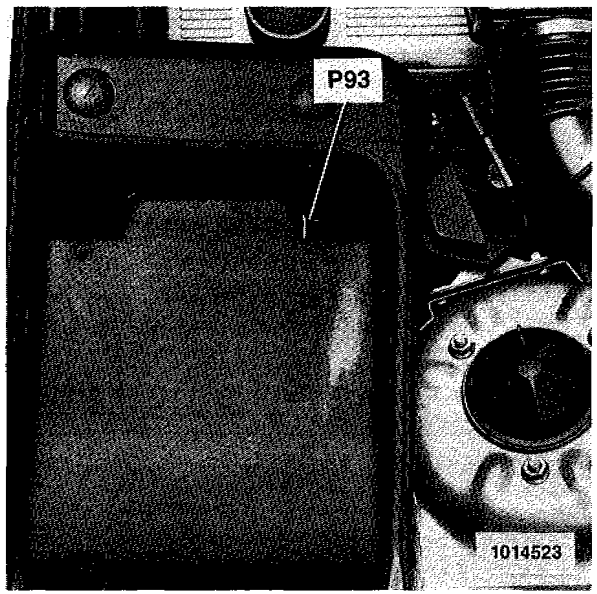


Figure 2- RH Rear Of Engine Compartment

P93 E-Box

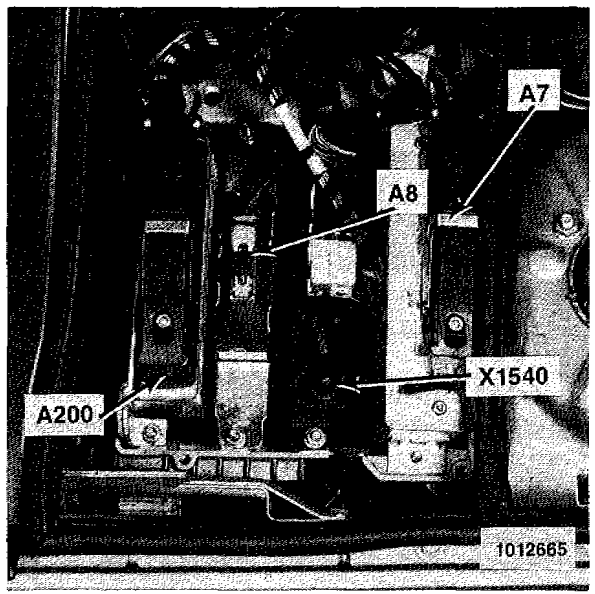


Figure 3- RH Rear Of Engine Compartment (M20 Engine Shown; M30 And M5 Engine Similar)

A7 ABS Electronic Control Unit
A8 Cruise Control Module (Tempomat)
A200 Motronic Control Unit (DME)
X1540 B+ Junction Post for E-Box

carlagh.com

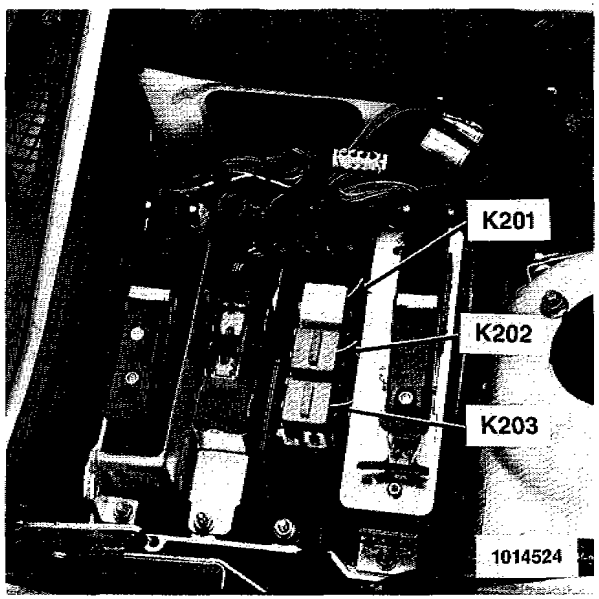


Figure 1- RH Rear Of Engine Compartment (M30 Engine Shown; M20 Engine Similar)

K201 Fuel Pump Relay
K202 Main Relay
K203 Oxygen Sensor Relay

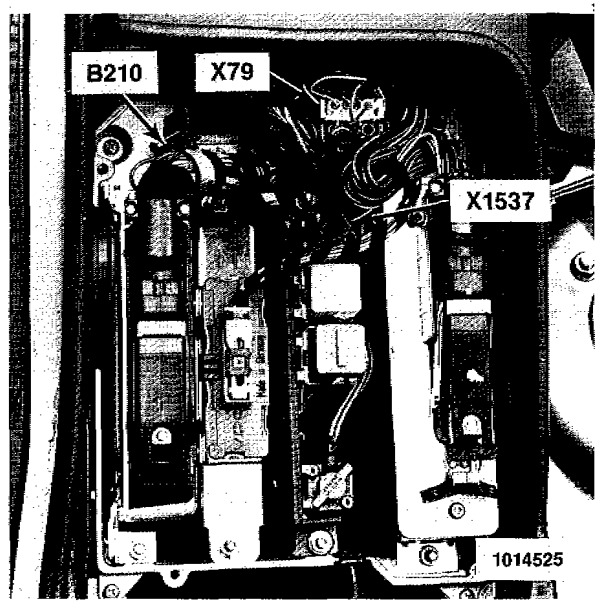


Figure 2- RH Rear Of Engine Compartment (M20 Engine Shown; M30 And M5 Engines Similar)

B210 Temperature Switch
X79 Connector (4 pins) WS
X1537 Connector (8 pins) SW

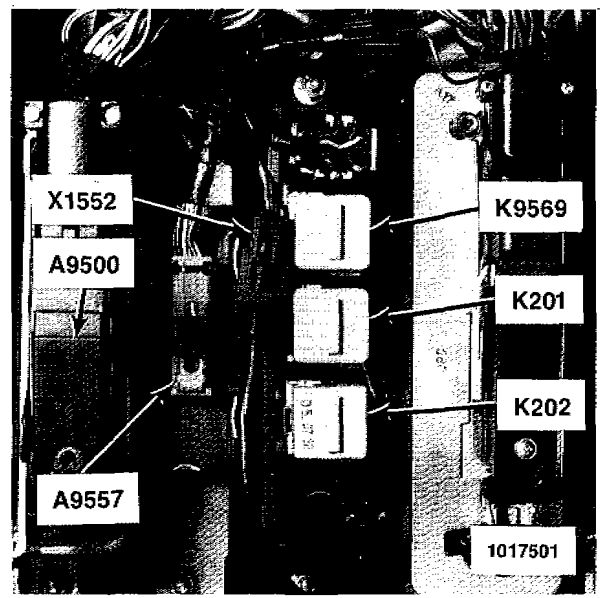


Figure 3- RH Rear Of Engine Compartment (M5 Engine)

A9500 DME Control Unit
A9557 Intake Air Control
K201 Fuel Pump Relay
K202 Main Relay
K9569 Air Pump Relay
X1552 Connector (4 pins) SW

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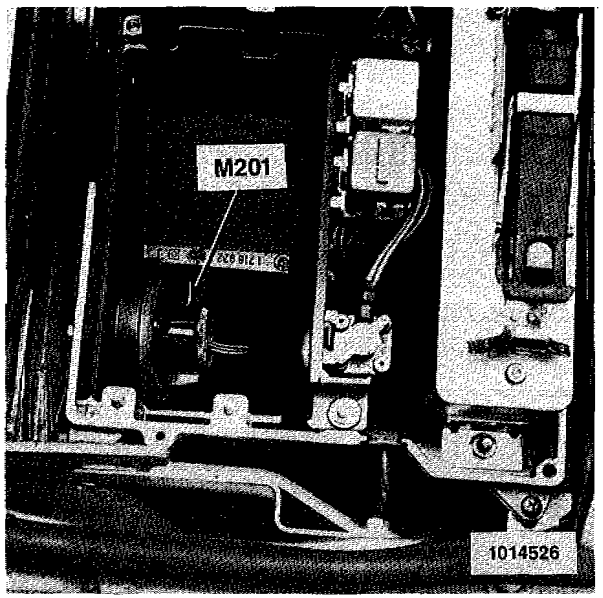


Figure 1- RH Rear Of Engine Compartment (M30 Engine Shown; M20 And M5 Engines Similar)

M201 E-Box Fan

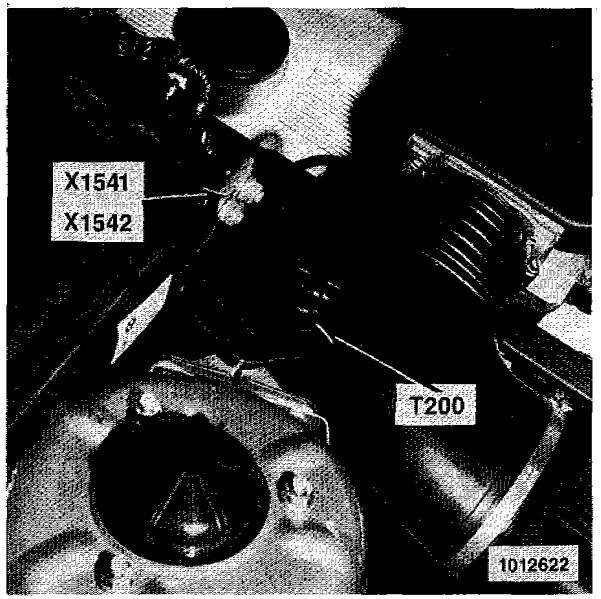


Figure 2- RH Rear Of Engine Compartment (M30 Engine Shown; M20 And M5 Engines Similar)

T200 Ignition Coil
X1541 Ground
X1542 Ground

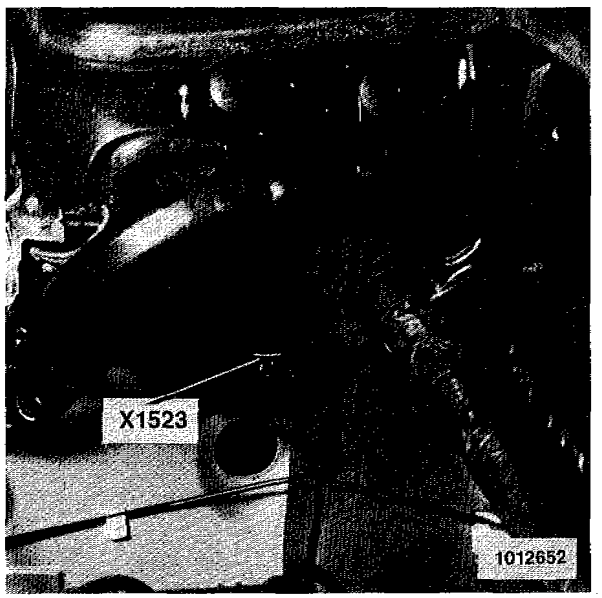


Figure 3- RH Rear Of Engine Compartment (M20 Engine)

X1523 Connector (4 pins) SW

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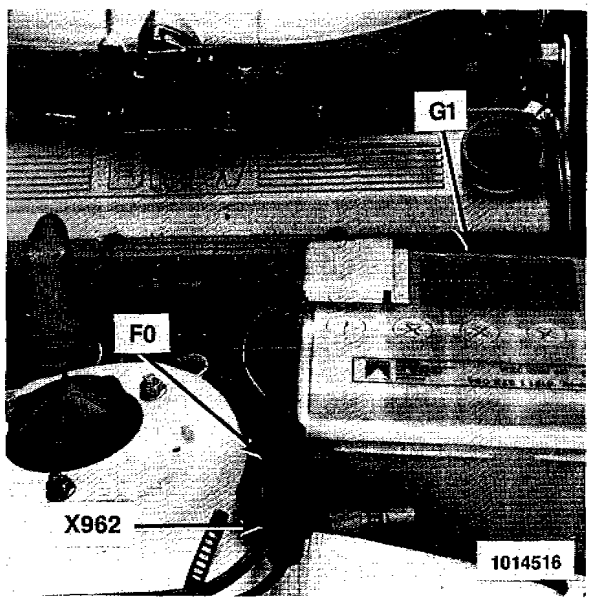


Figure 1- RH Front Of Engine Compartment (M20 Engine)

F0 Fusible Link 80A
G1 Battery
X962 B+ Junction Post

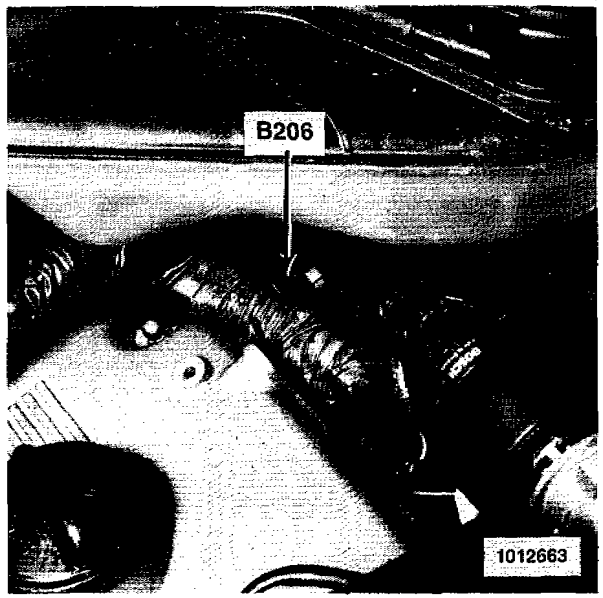


Figure 2- Rear Of Engine (M30 Engine)

B206 Oil Pressure Switch

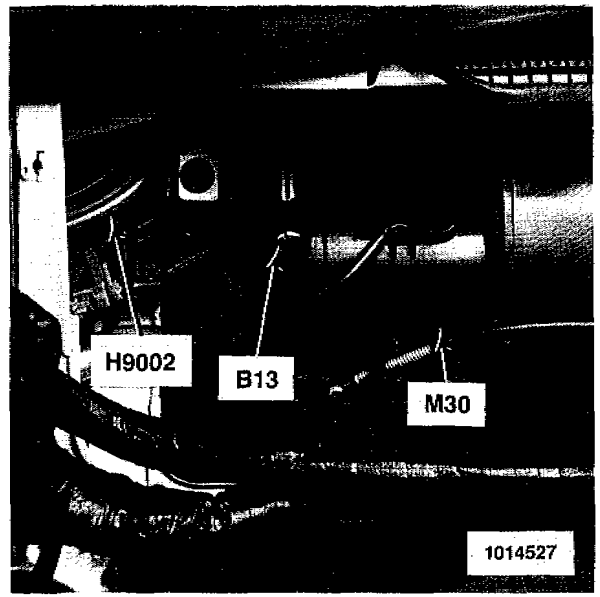


Figure 3- Behind Center Of Fresh Air Cowl Panel

B13 Outside Temperature Sensor
H9002 On Board Computer Antitheft Horn
M30 Blower Motor

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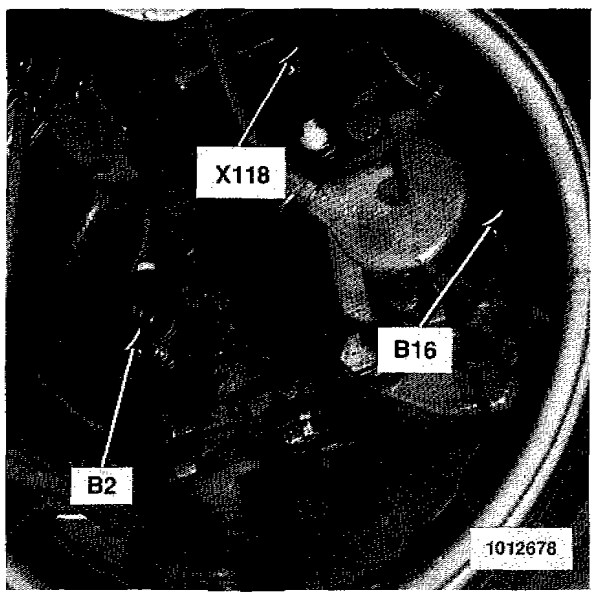


Figure 1- Behind LH Front Wheel

B2 Left Front Speed Sensor
B16 Left Front Brake Pad Sensor
X118 Connector (2 pins) SW

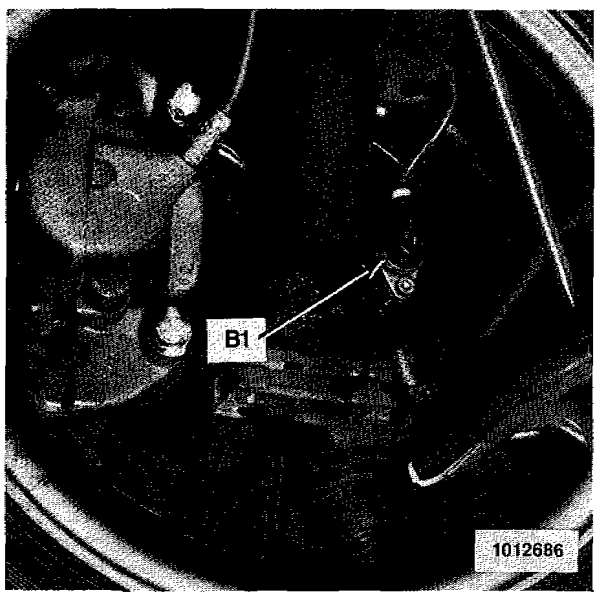


Figure 2- Behind RH Front Wheel

B1 Right Front Speed Sensor

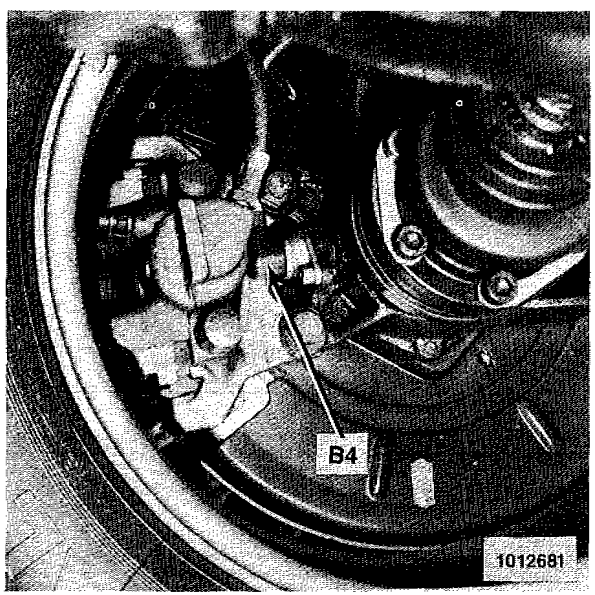


Figure 3- Behind LH Rear Wheel

B4 Left Rear Speed Sensor

cardiagn.com

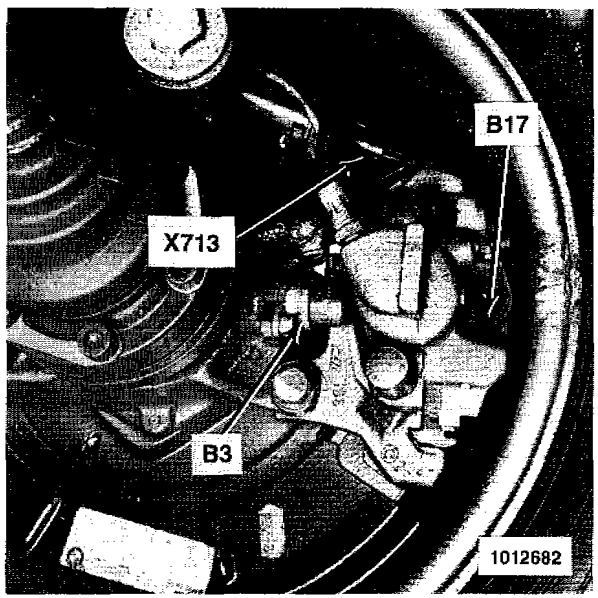


Figure 1- Behind RH Rear Wheel

B3 Right Rear Speed Sensor
B17 Right Rear Brake Pad Sensor
X713 Connector (2 pins) SW

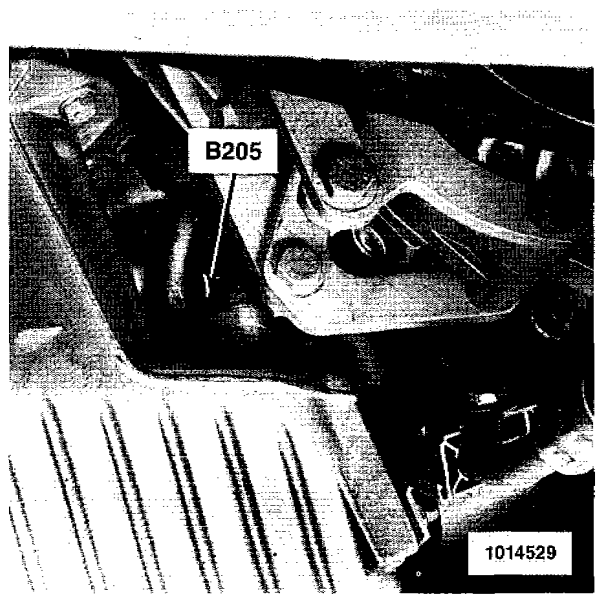


Figure 2- Lower LH Front Of Engine (M20 Engine)

B205 Oil Level Sensor

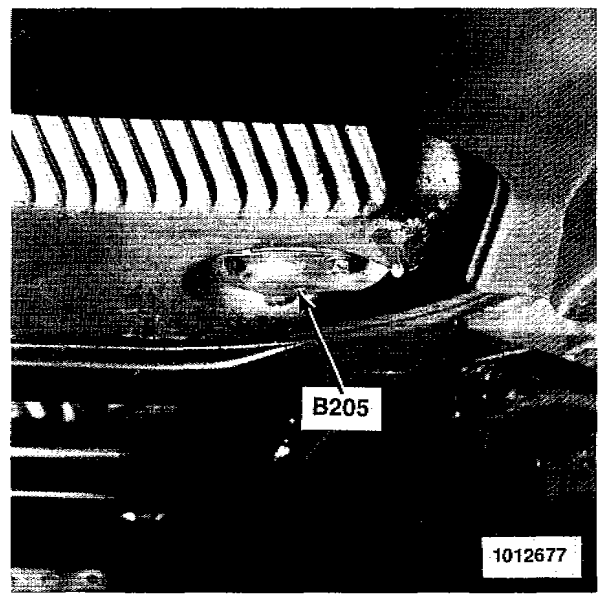


Figure 3- Lower Front Of Engine (M30 Engine Shown; M5 Engine Similar)

B205 Oil Level Sensor

carDiagn.com

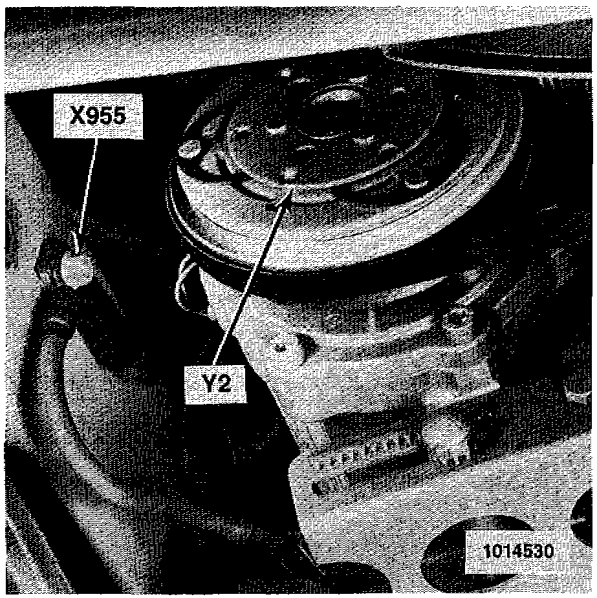


Figure 1- Lower RH Front Of Engine (M20 Engine Shown; M30 And M5 Engines Similar)

Y2 Compressor Clutch
X955 Ground (Battery)

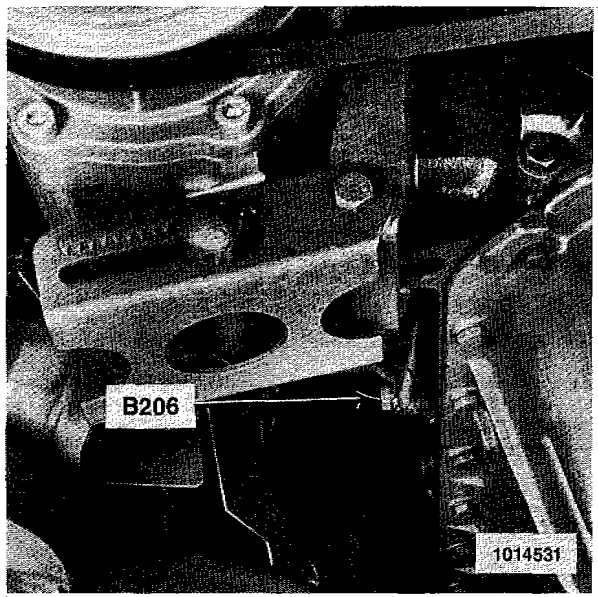


Figure 2- Lower RH Side Of Engine (M20 Engine)

B206 Oil Pressure Switch

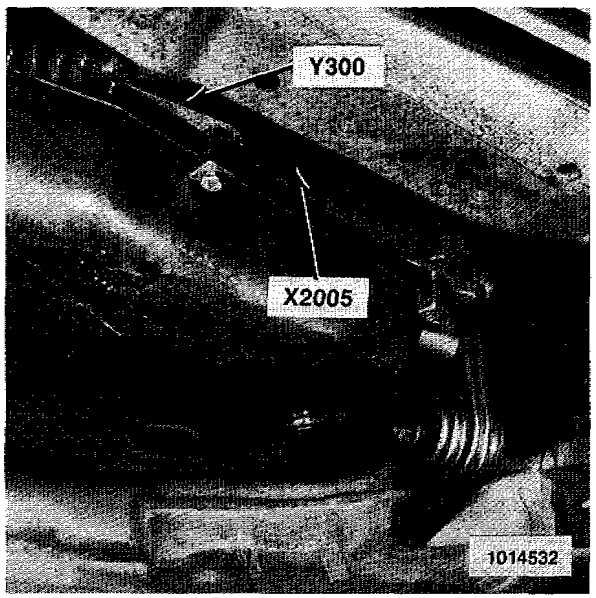


Figure 3- LH Side Of Transmission

Y300 Transmission
X2005 Connector (8 pins) SW

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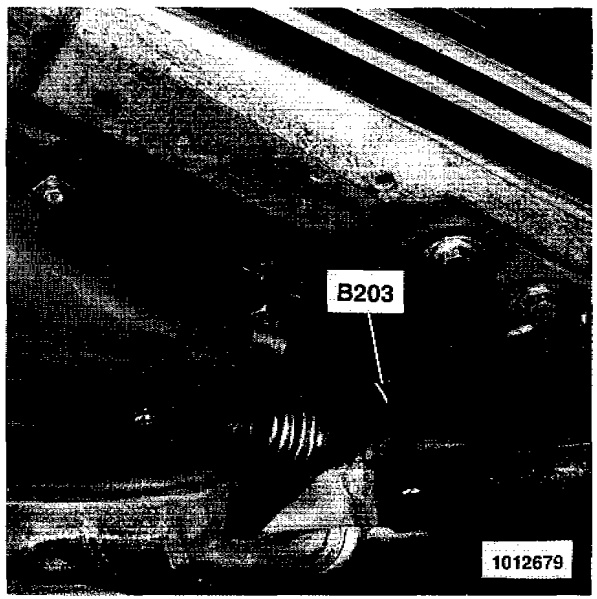


Figure 1- LH Side Of Transmission (M30 Engine)

B203 Oxygen Sensor

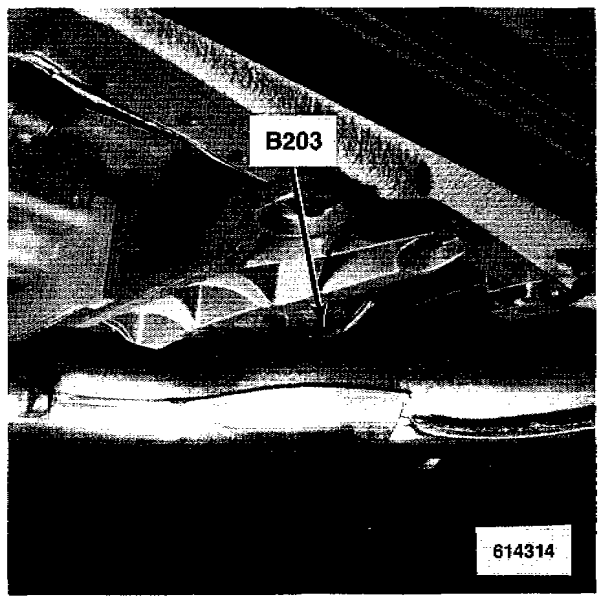


Figure 2- LH Side Of Transmission (M5 Engine)

B203 Oxygen Sensor

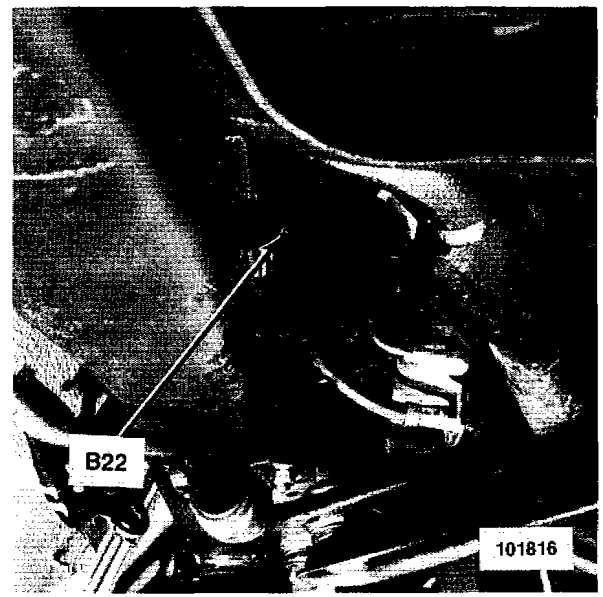


Figure 3- Below RH Rear Of Car

B22 Wheel Camber Control Unit

cardiagn.com

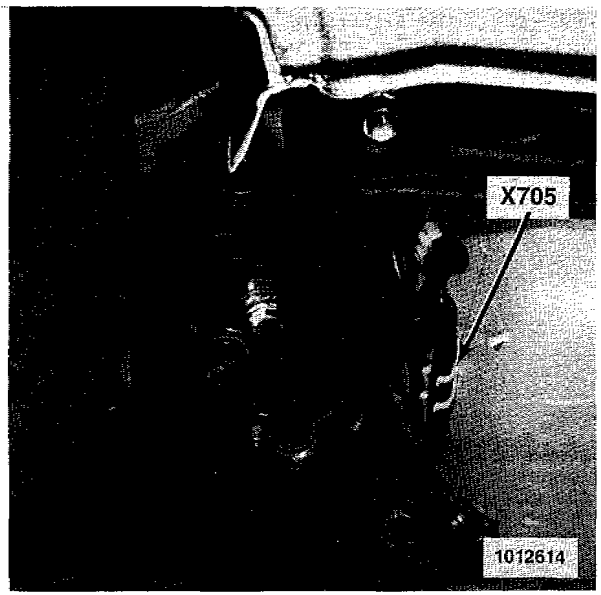


Figure 1- Below Rear Of Car, Forward Wheel Well

X705 Connector (2 pins) SW

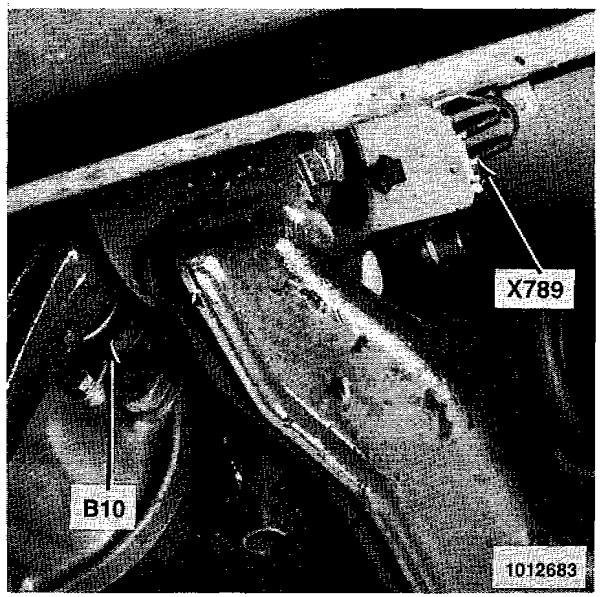


Figure 2- Below Rear Of Car, On Rear Differential

B10 Vehicle Speed Sensor
X789 Connector (2 pins) GE

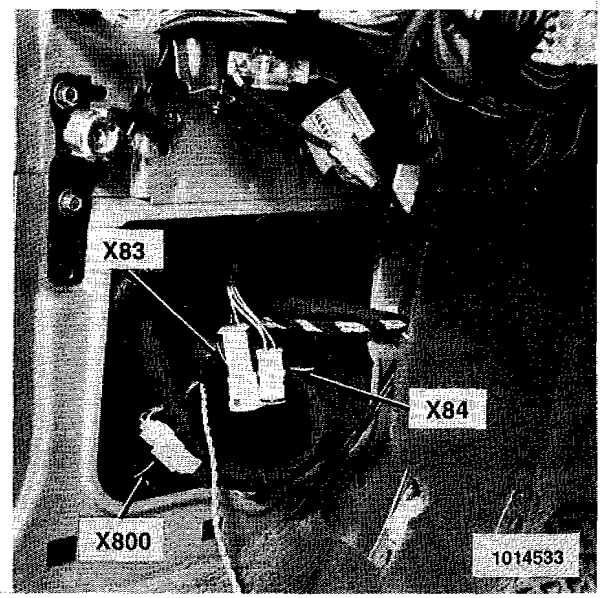


Figure 3- Inside LH Kick Panel

X83 Connector (3 pins) GE
X84 Connector (3 pins) GE
X800 Connector (2 pins) WS

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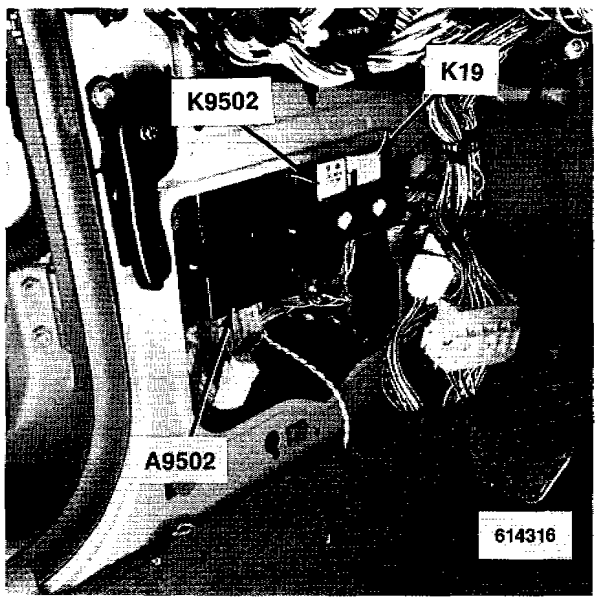


Figure 1- Inside LH Kick Panel

A9502 Full Throttle Compressor Control Unit
K19 Compressor Control Relay
K9502 Full Throttle Compressor Cut Off Relay

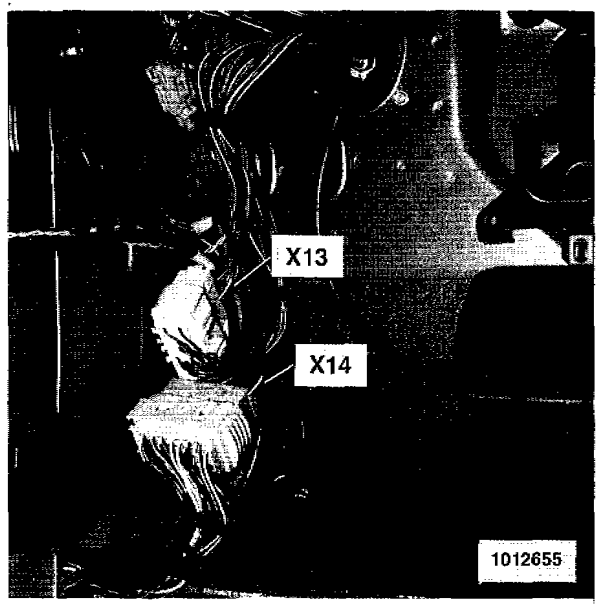


Figure 2- Below LH Side Of Dash, Below Driver's Footrest

X13 Connector (21 pins) WS
X14 Connector (30 pins) GE



Figure 3- Below LH Side Of Dash, Top Of Kick Panel

X1.0 Junction Post For Front Power Distribution Box

cardiagn.com

COMPONENT LOCATION VIEWS

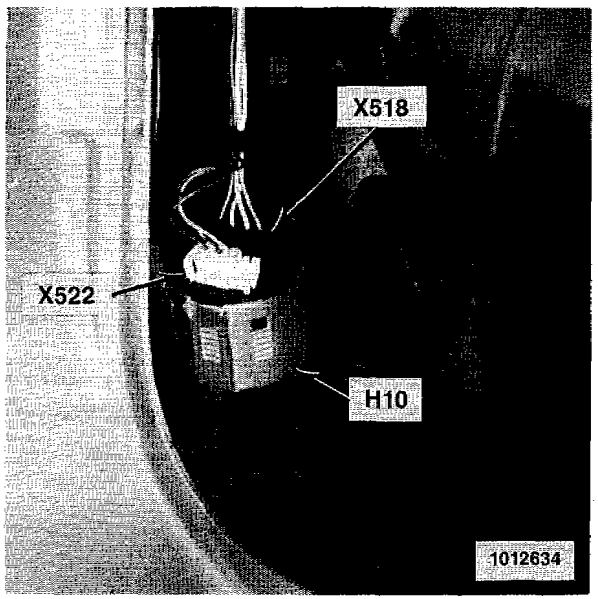


Figure 1- Below LH Side Of Dash (Hush Panel Removed)

H10 Chime Module
X518 Connector (4 pins) SW
X522 Connector (3 pins) WS

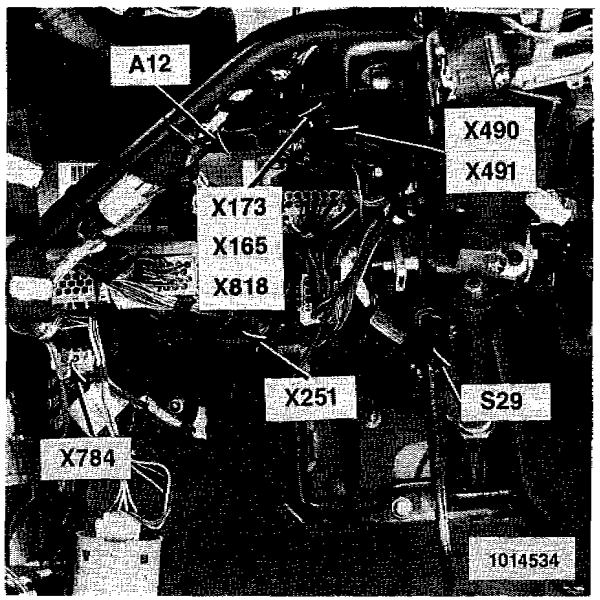


Figure 2- Below LH Side Of Dash, Left Of Steering Column

A12 Diagnostic Module (SRS)
S29 Brake Light Switch
X165 Ground
X173 Ground
X251 Connector (30 pins) SW
X490 Ground
X491 Ground
X784 Connector (2 pins) OR
X818 Ground

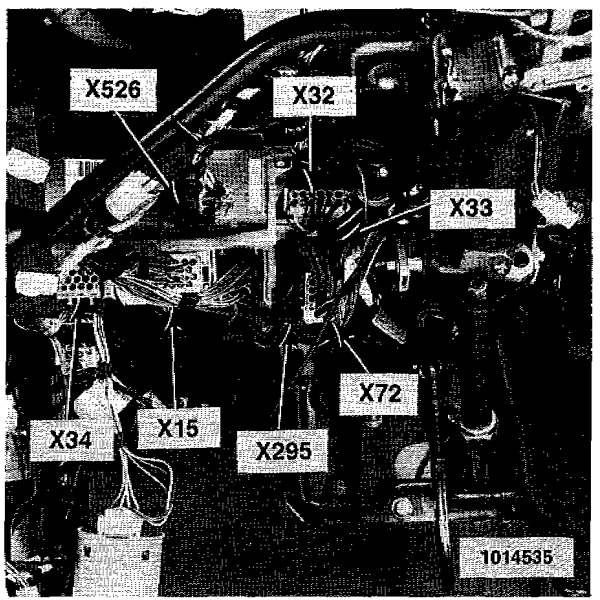


Figure 3- Below LH Side Of Dash, Left Of Steering Column

X15 Connector (30 pins) WS
X32 Connector (12 pins) WS
X33 Connector (12 pins) SW
X34 Connector (21 pins) WS
X72 Connector (8 pins) WS
X295 Connector (8 pins) SW
X526 Connector (8 pins) SW

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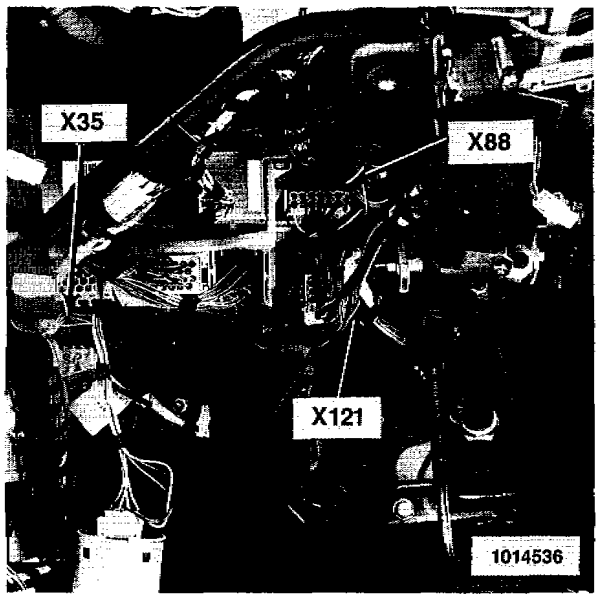


Figure 1- Below LH Side Of Dash, Left Of Steering Column

X35 Connector (21 pins) SW
X88 Connector (3 pins) SW
X121 Connector (2 pins) WS

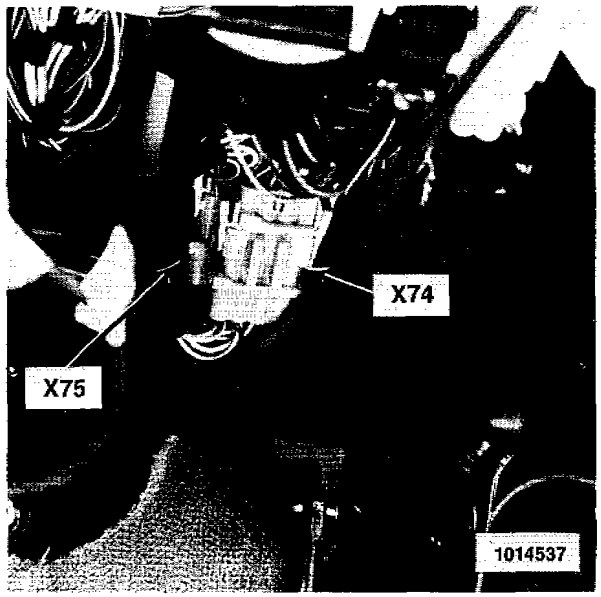


Figure 2- Below LH Side Of Dash, LH Side Of Steering Column

X74 Connector (8 pins) OR
X75 Connector (6 pins) OR

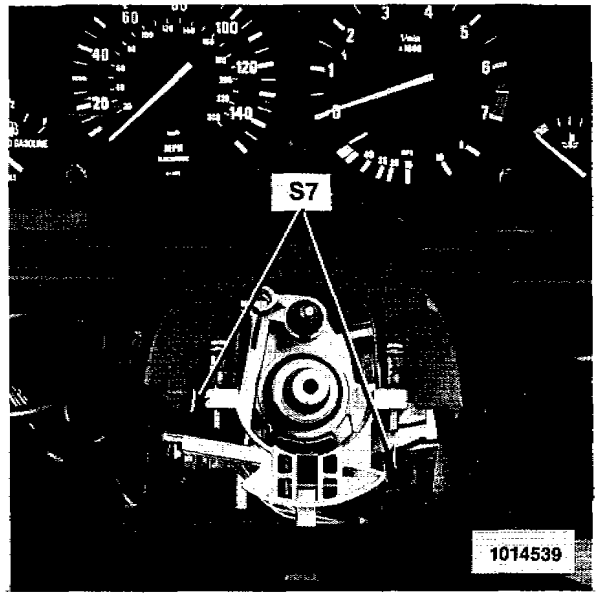


Figure 3- Top Of Steering Column (Steering Wheel Removed)

S7 Combination Switch

cardiagn.com

COMPONENT LOCATION VIEWS

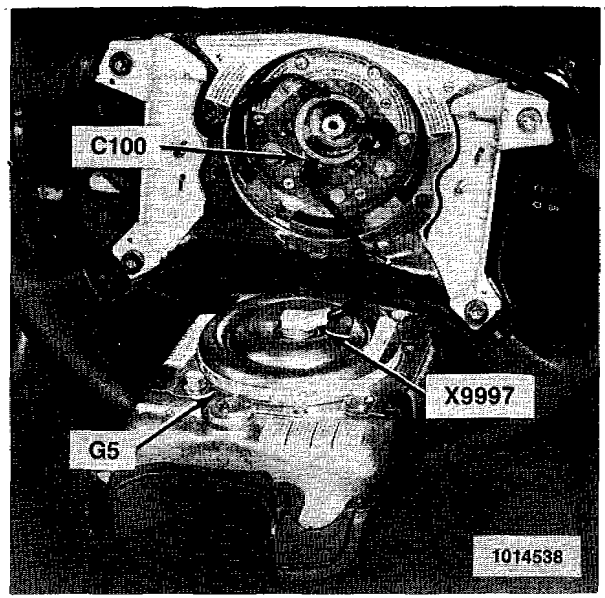


Figure 1- Inside Steering Wheel

C100 Contact Ring
G5 Driver's Air Bag Generator
X9997 Connector (2 pins) OR

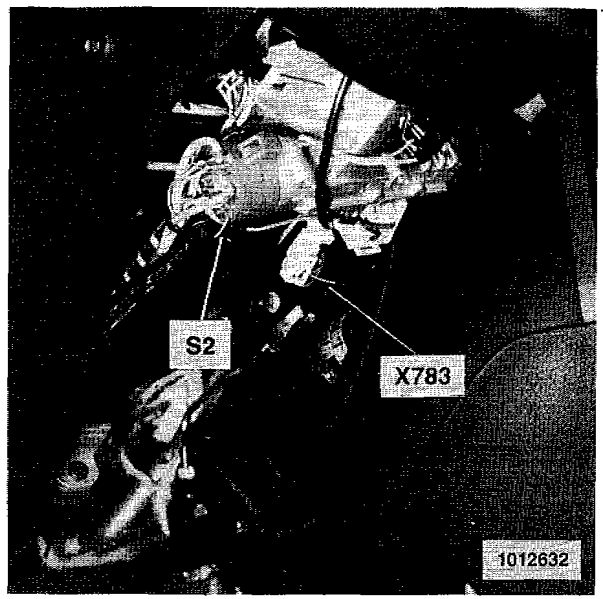


Figure 2- Underside Of Steering Column

S2 Ignition Switch
X783 Connector (2 pins) OR

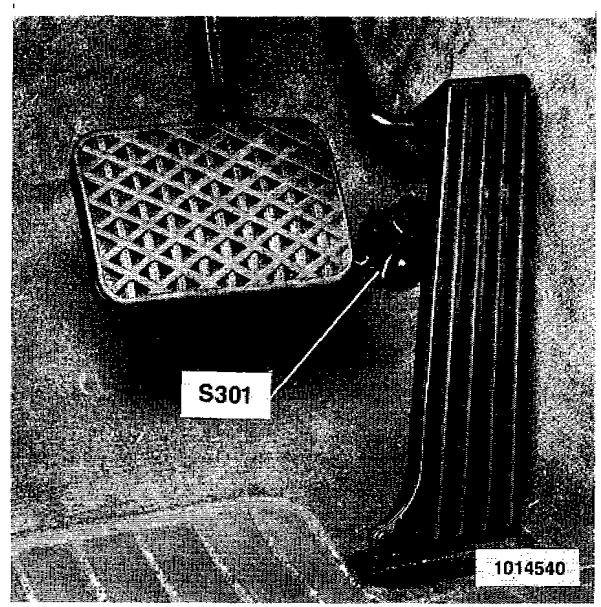


Figure 3- Below LH Side Of Dash

S301 Transmission Kickdown Switch

cardiagn.com

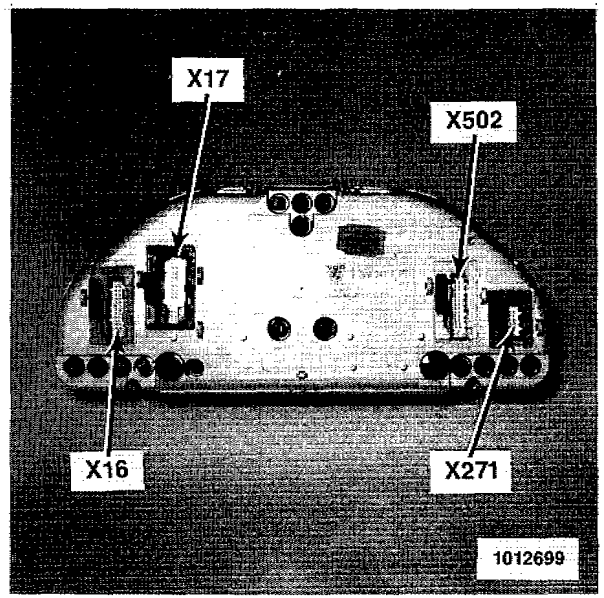


Figure 1- Rear Of Instrument Cluster (525i/535i)

X16 Connector (26 pins) GE
X17 Connector (24 pins) BR
X271 Connector (12 pins) GR
X502 Connector (26 pins) WS

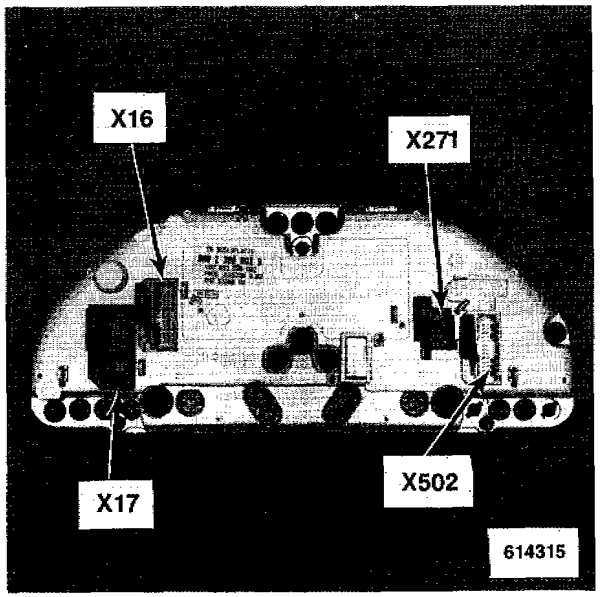


Figure 2- Rear Of Instrument Cluster (M5)

X16 Connector (26 pins) GE
X17 Connector (12 pins) BR
X271 Connector (12 pins) GR
X502 Connector (26 pins) WS

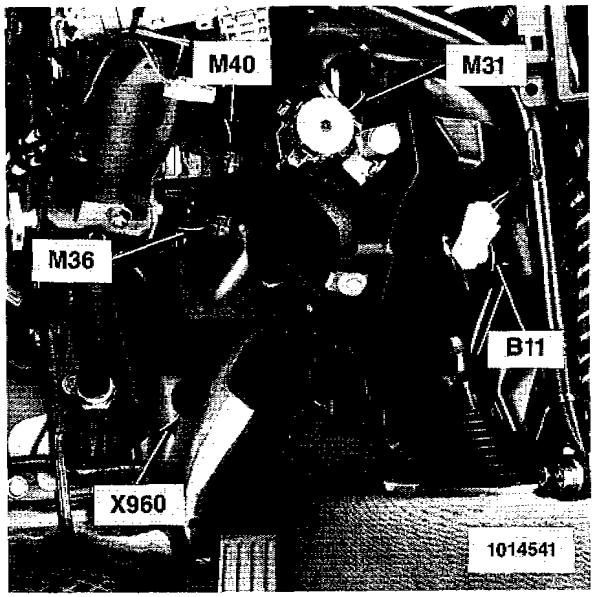


Figure 3- Below Center Of Dash, LH Side Of IHKR Plenum (IHKR)

B11 Left Heat Exchanger Temperature Sensor
M31 Left Footwell Flap Motor
M36 Fresh Air Flap Motor
M40 Footwell Flap Motor
X960 B+ Junction Post

manualsnet.com

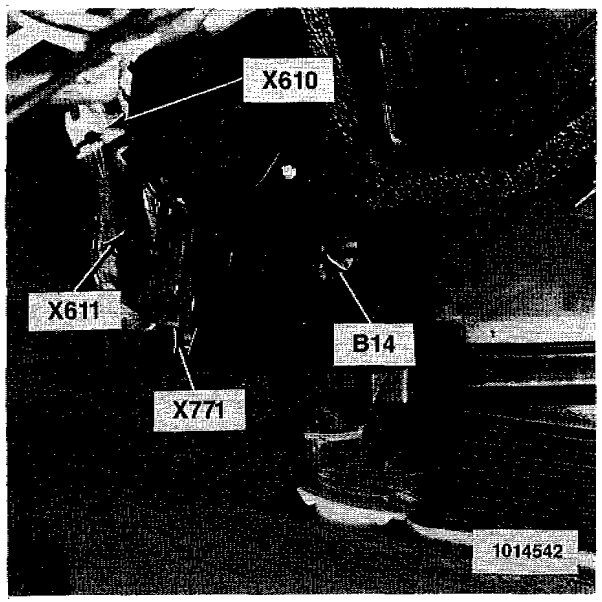


Figure 1- Below Center Of Dash, LH Side Of IHKR Plenum (IHKR)

B14 Evaporator Temperature Sensor
X610 Connector (26 pins) WS
X611 Connector (26 pins) GN
X771 Connector (2 pins) SW

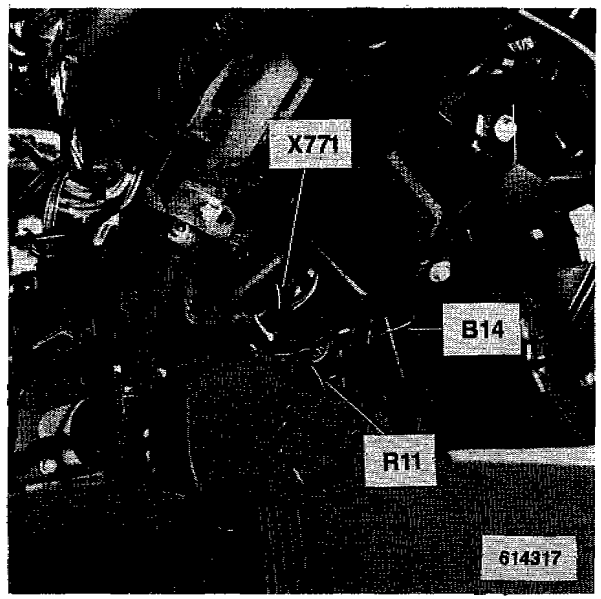


Figure 2- Below Center Of Dash, LH Side Of IHKR 2 Plenum (IHKR 2)

B14 Evaporator Temperature Sensor
R11 Blower Resistors
X771 Connector (2 pins) SW

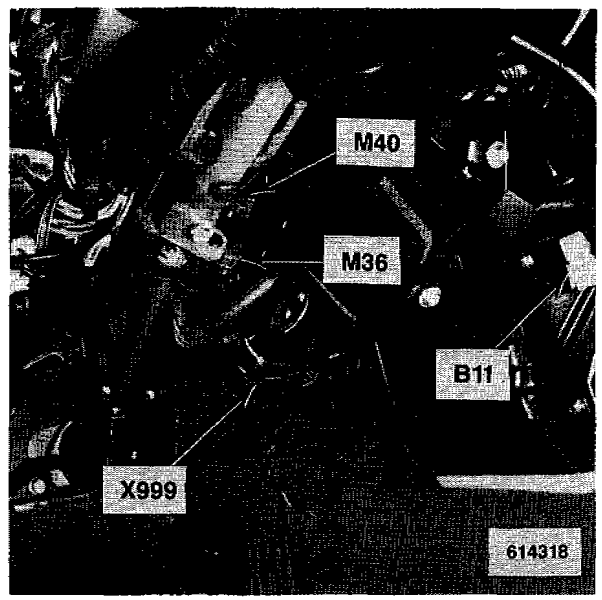


Figure 3- Below Center Of Dash, LH Side Of IHKR 2 Plenum (IHKR 2)

B11 Left Heat Exchanger Temperature Sensor
M36 Fresh Air Flap Motor
M40 Footwell Flap Motor
X999 Connector (4 pins) SW

carDiagn.com

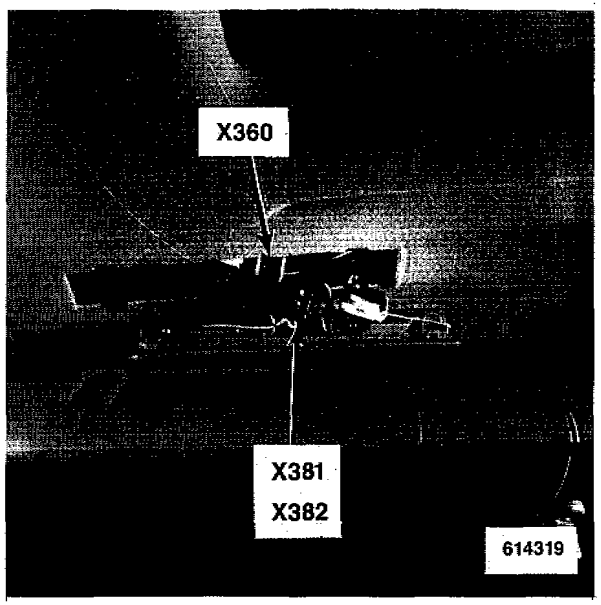


Figure 1- LH Side Of Windshield Header (RH Similar)

X360 Connector (3 pins) WS
X381 Connector (LH) (2 pins) SW
X382 Connector (RH) (2 pins) SW

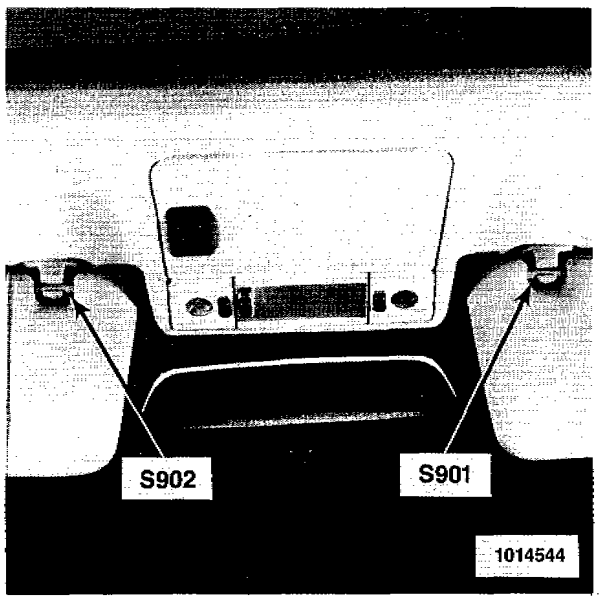


Figure 2- Center Of Windshield Header

S901 Passenger's Visor Switch
S902 Driver's Visor Switch

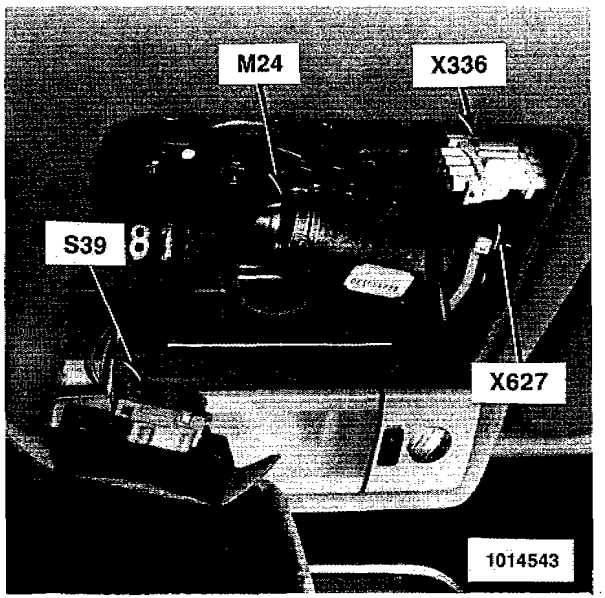


Figure 3- Center Of Windshield Header

M24 Sunroof Motor
S39 Sunroof Position Switch
X336 Connector (4 pins) WS
X627 Connector (8 pins) SW

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COMPONENT LOCATION VIEWS

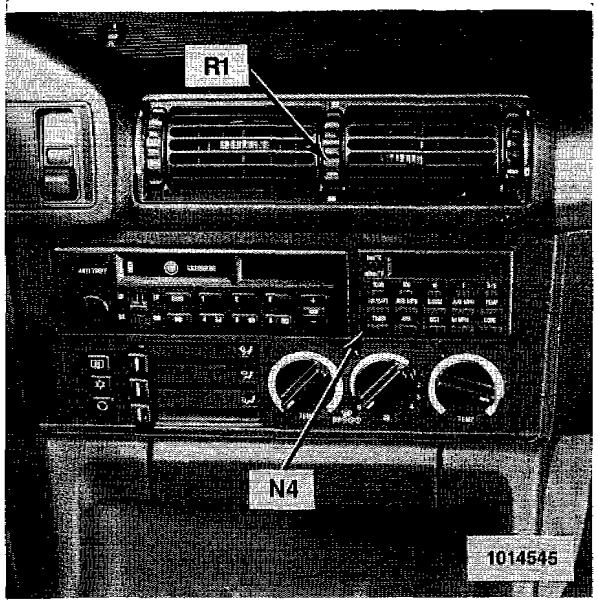


Figure 1- Center Of Dash

- **N4** On-Board Computer
- **R1** Temperature Distribution Potentiometer

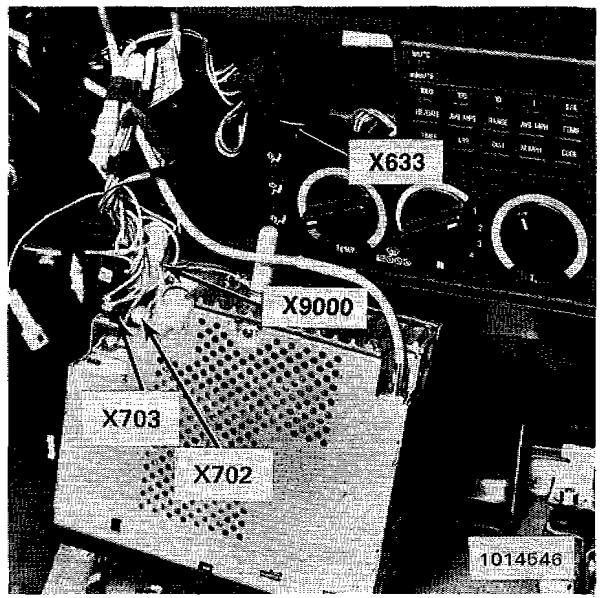


Figure 2- Behind Center Of Dash

- **X633** Connector (8 pins) SW
- **X702** Connector (2 pins) WS
- **X703** Connector (2 pins) SW
- **X9000** Connector (2 pins) SW

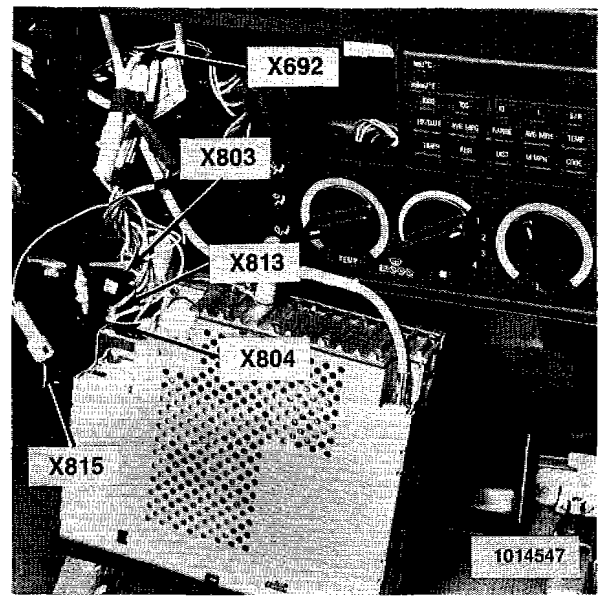


Figure 3- Behind Center Of Dash

- **X692** Connector (3 pins) SW
- **X803** Connector (2 pins) SW
- **X804** Connector (2 pins) WS
- **X813** Connector (1 pin) SW
- **X815** Connector (1 pin) WS

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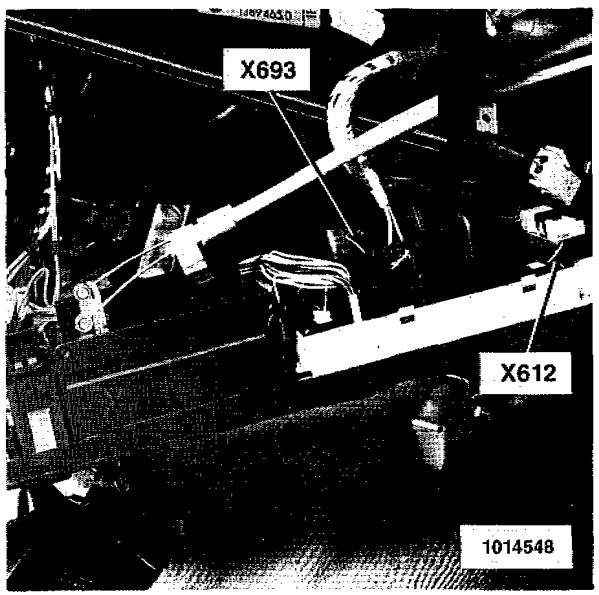


Figure 1- Behind Center Of Dash

X612 Connector (26 pins) BL
X693 Connector (3 pins) SW

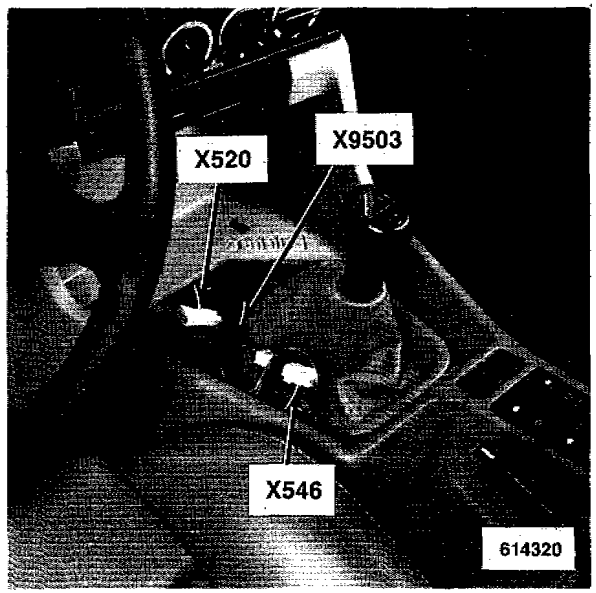


Figure 2- Below Center Console

X520 Connector (3 pins) WS
X546 Connector (2 pins) WS
X9503 Connector (2 pins) SW

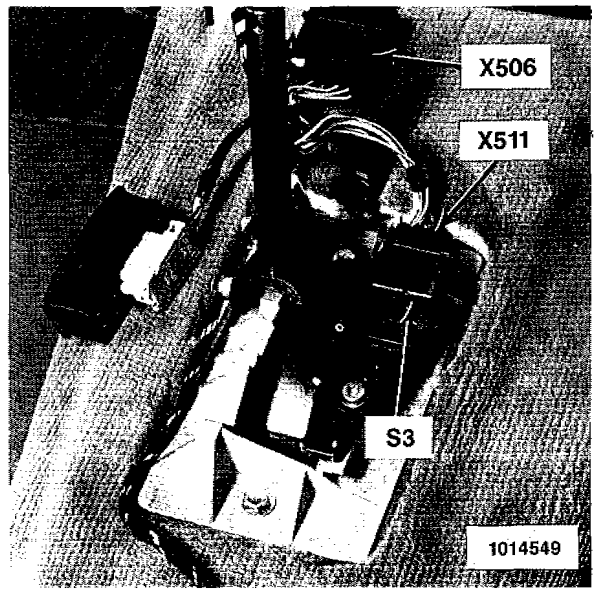


Figure 3- Below Center Console (Console Removed)

S3 Automatic Transmission Range Switch
X506 Connector (12 pins) SW
X511 Connector (8 pins) SW

cardiagn.com

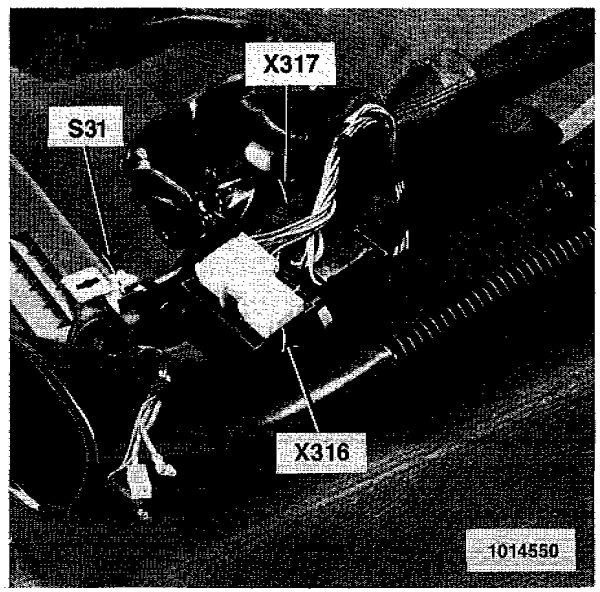


Figure 1- Below Center Console (Console Removed)

S31 Park Brake Switch
X316 Connector (6 pins) WS
X317 Connector (6 pins) SW

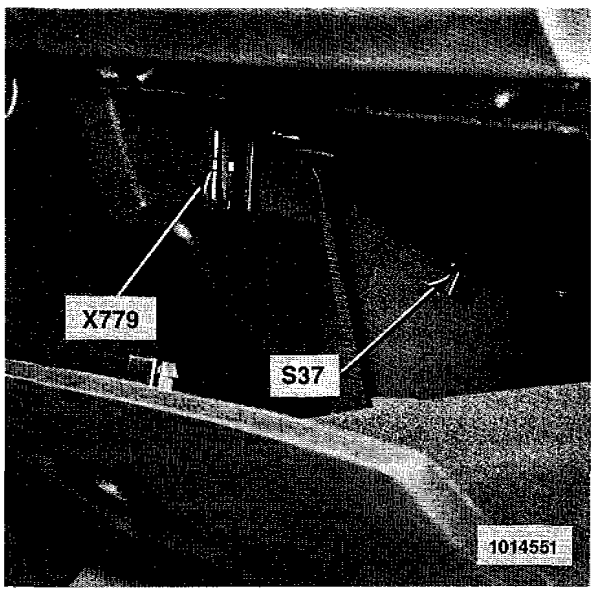


Figure 2- In LH Side Of Glove Box

S37 Glove Box Light Switch
X779 Charging Plug

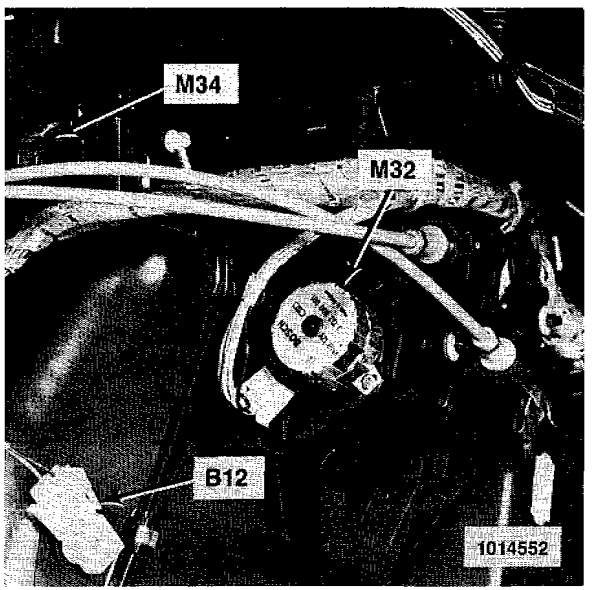


Figure 3- Below Center Of Dash, RH Side Of IHKR Plenum (IHKR)

B12 Right Heat Exchanger Temperature Sensor
M32 Right Footwell Flap Motor
M34 Dash Vent Mixing Flap Motor

carbagh.com

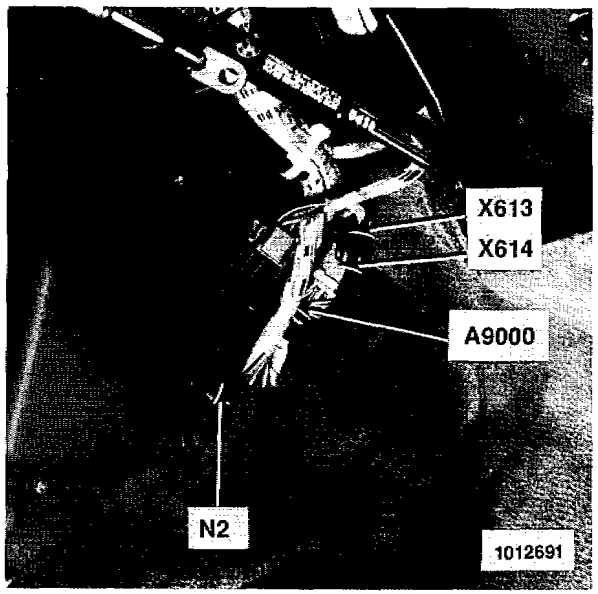


Figure 1- Below Center Of Dash, RH Side Of IHKR Plenum (IHKR)

A9000 Integrated Climate Regulation Control Unit (IHKR)
N2 Final Stage Unit
X613 Connector (26 pins) BL
X614 Connector (26 pins) GE

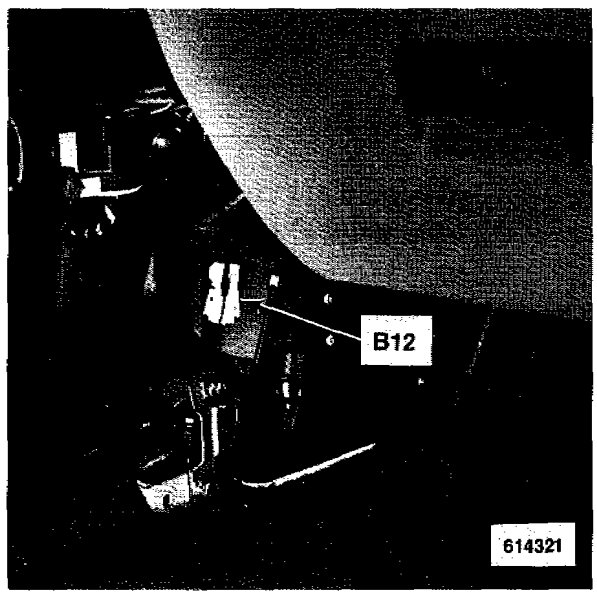


Figure 2- Below Center Of Dash, RH Side Of IHKR 2 Plenum (IHKR 2)

B12 Right Heat Exchanger Temperature Sensor

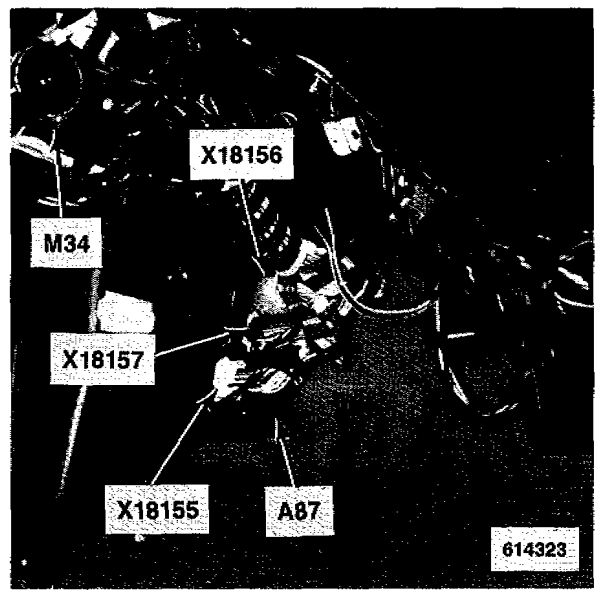


Figure 3- Below Center Of Dash, RH Side Of IHKR 2 Plenum (IHKR 2)

A87 Integrated Climate Regulation II Control Unit
M34 Dash Vent Mixing Flap Motor
X18155 Connector (26 pins) WS
X18156 Connector (26 pins) BL
X18157 Connector (26 pins) SW

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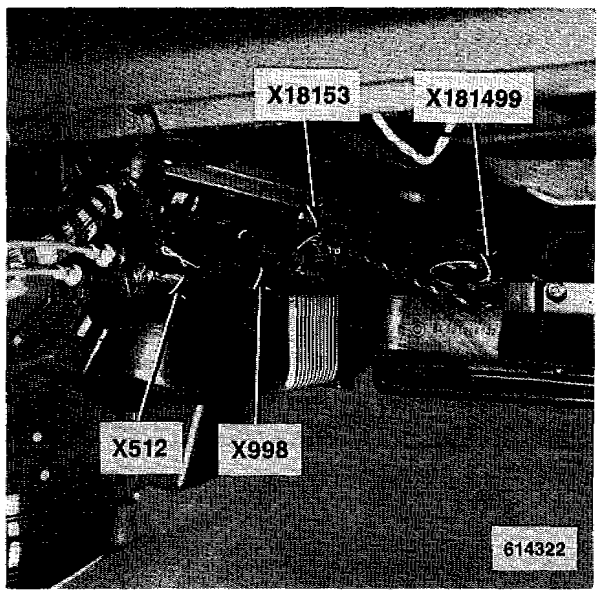


Figure 1- Below RH Side Of Dash

X512 Connector (8 pins) SW
X998 Connector (4 pins) SW
X181499 Connector (1 pin) WS
X18153 Connector (3 pins) SW

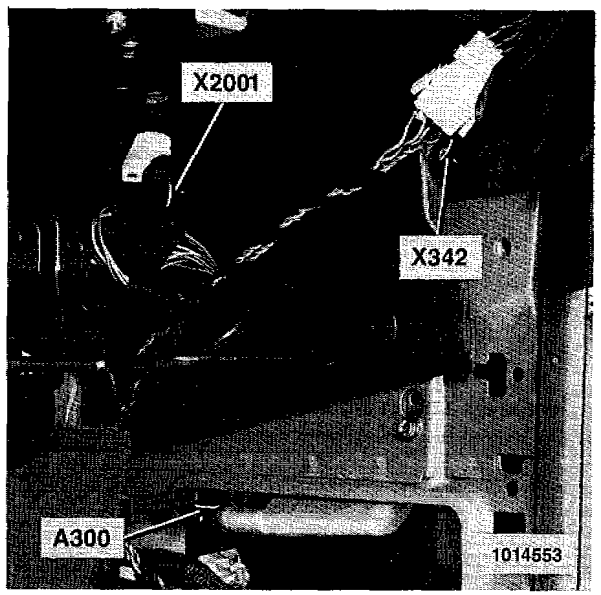


Figure 2- Below RH Side Of Dash, A\ Panel

A300 Electronic Transmission Con Unit (AEGS)
X342 Connector (4 pins) WS
X2001 Connector (12 pins) SW

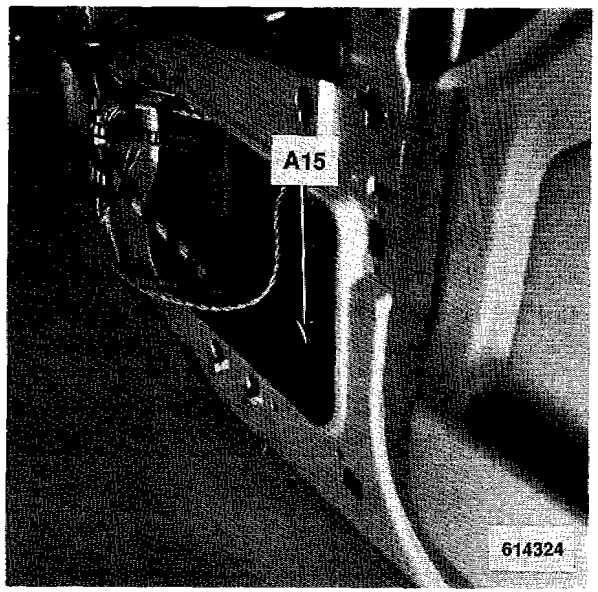


Figure 3- In RH Kick Panel

A15 Park Heating Ventilation Box

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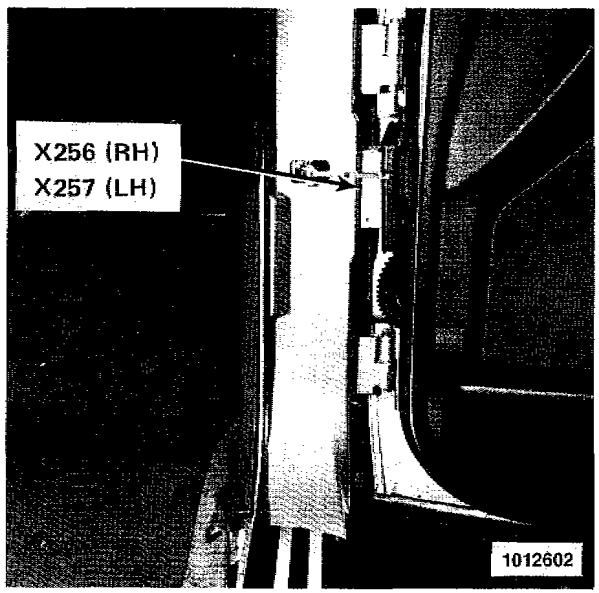


Figure 1- Front Of Passenger's Door Jamb (Driver's Similar)

X256 Connector (RH) (26 pins) GR
X257 Connector (LH) (26 pins) GR

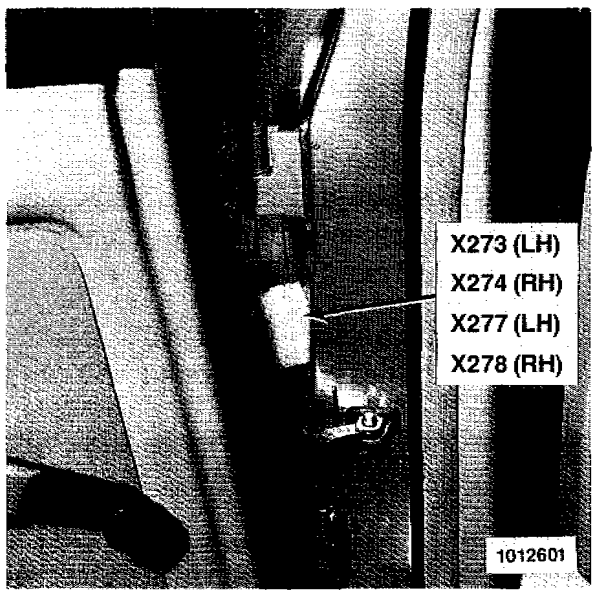


Figure 2- Front Of Rear Door Jamb (RH Similar)

X273 Connector (LH) (12 pins) GR
X274 Connector (RH) (12 pins) GR
X277 Connector (LH) (10 pins) BL
X278 Connector (RH) (10 pins) BL

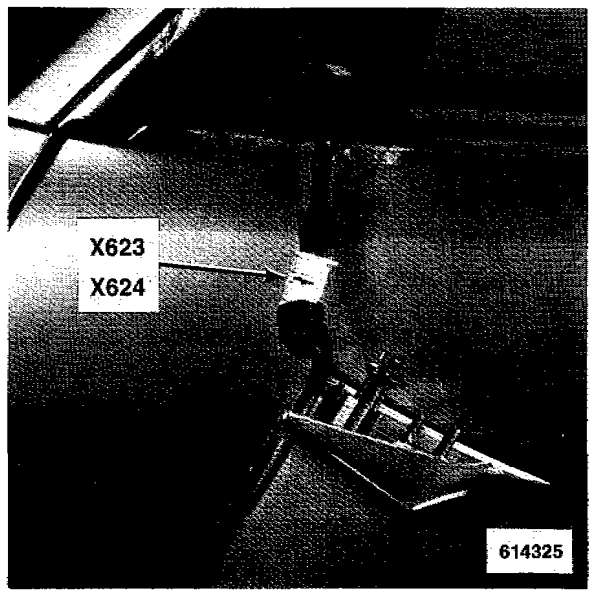


Figure 3- Top Front of Driver's Door (Passenger's Similar)

X623 Connector (10 pins) WS
X624 Connector (10 pins) WS

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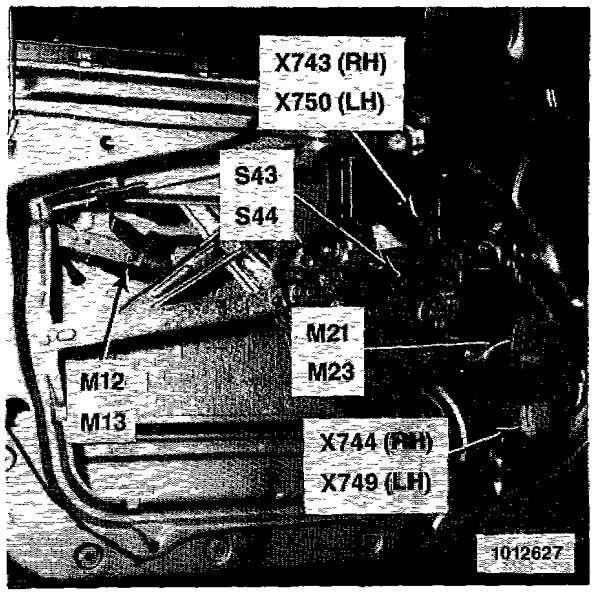


Figure 1- Behind Driver's Door Panel (Passenger's Similar)

M12 Driver's Door Lock Motor
M13 Passenger's Door Lock Motor
M21 Driver's Window Motor
M23 Passenger's Window Motor
S43 Driver's Window Limit Switch
S44 Passenger's Window Limit Switch
X743 Connector (2 pins) (RH) SW
X744 Connector (2 pins) (RH) BL
X749 Connector (2 pins) (LH) BL
X750 Connector (2 pins) (LH) SW

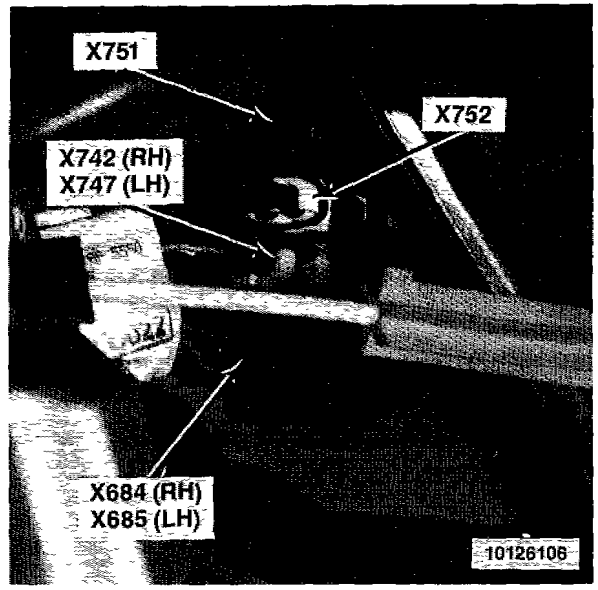


Figure 2- Inside Driver's Door (Passenger's Similar)

X684 Connector (3 pins) (RH) SW
X685 Connector (3 pins) (LH) SW
X742 Connector (2 pins) (RH) GE
X747 Connector (2 pins) (LH) GE
X751 Connector (2 pins) GY
X752 Connector (2 pins) WS

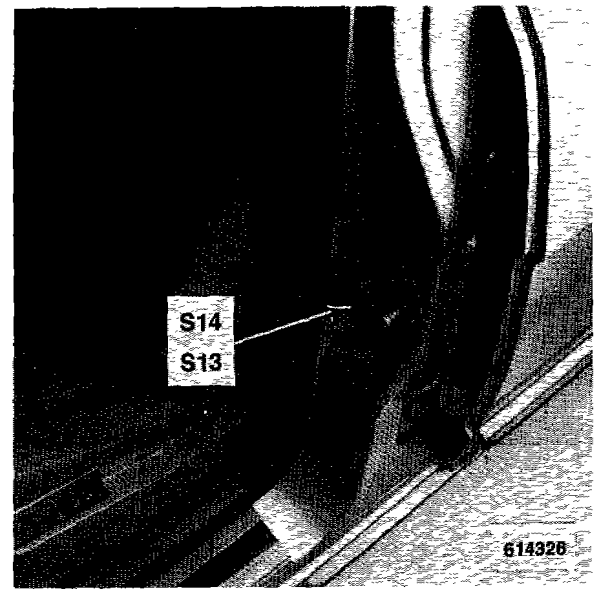


Figure 3- Rear Of Driver's Door Jamb (Passenger's Similar)

S13 Passenger's Door Jamb Switch
S14 Driver's Door Jamb Switch

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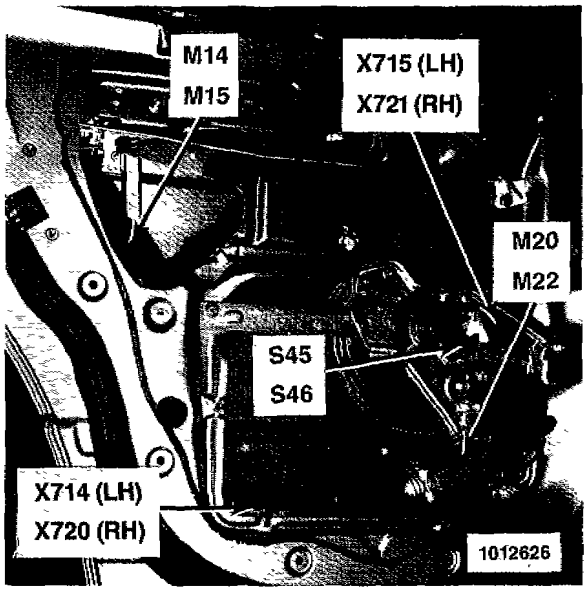


Figure 1- Behind LH Rear Door Panel (RH Rear Similar)

M14 Right Rear Door Lock Motor
M15 Left Rear Door Lock Motor
M20 Left Rear Window Motor
M22 Right Rear Window Motor
S45 Left Rear Window Limit Switch
S46 Right Rear Window Limit Switch
X714 Connector (2 pins) (LH) BL
X715 Connector (2 pins) (LH) BL
X720 Connector (2 pins) (RH) BL
X721 Connector (2 pins) (RH) SW

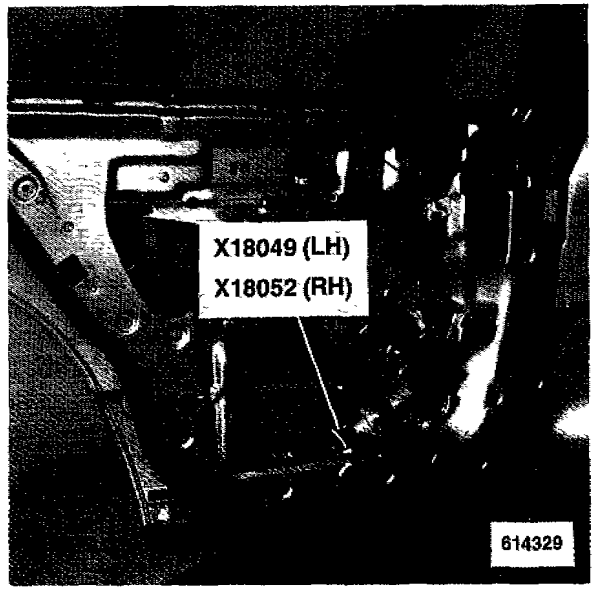


Figure 2- Behind LH Rear Door Panel (RH Rear Similar)

X18049 Connector (2 pins) (LH) WS
X18052 Connector (2 pins) (RH) WS

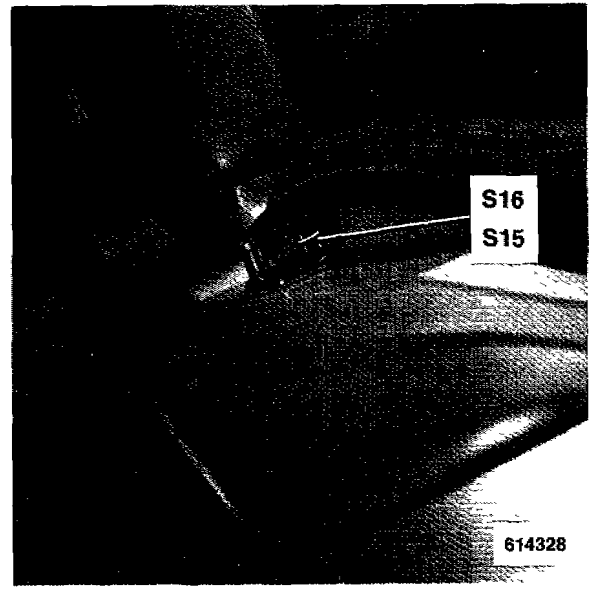


Figure 3- Rear Of LH Rear Door Jamb (RH Rear Similar)

S15 Right Rear DoorJamb Switch
S16 Left Rear Door Jamb Switch

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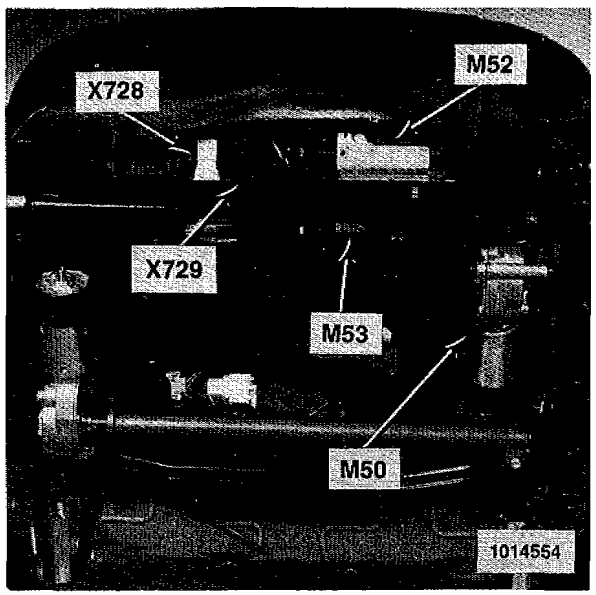


Figure 1- Under Driver's Seat

M50 Driver's Seat Cushion Tilt Motor
M52 Driver's Seat Height Motor
M53 Driver's Seatback Recliner Motor
X728 Connector (2 pins) WS
X729 Connector (2 pins) SW

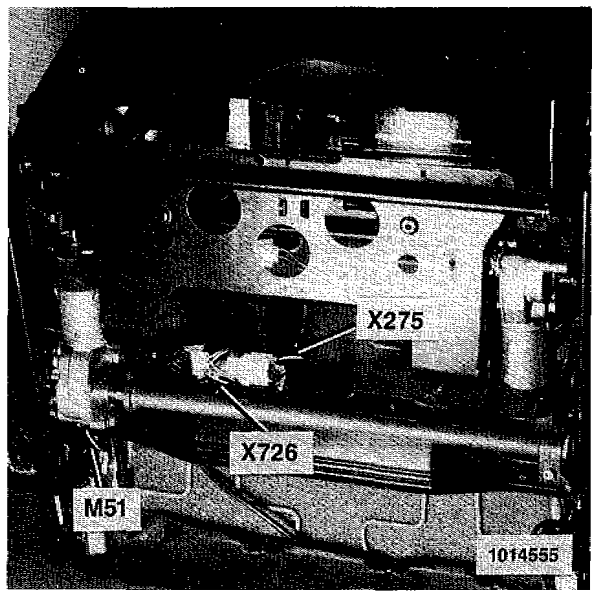


Figure 2- Under Driver's Seat

M51 Driver's Seat Movement Motor
X275 Connector (12 pins) WS
X726 Connector (2 pins) WS

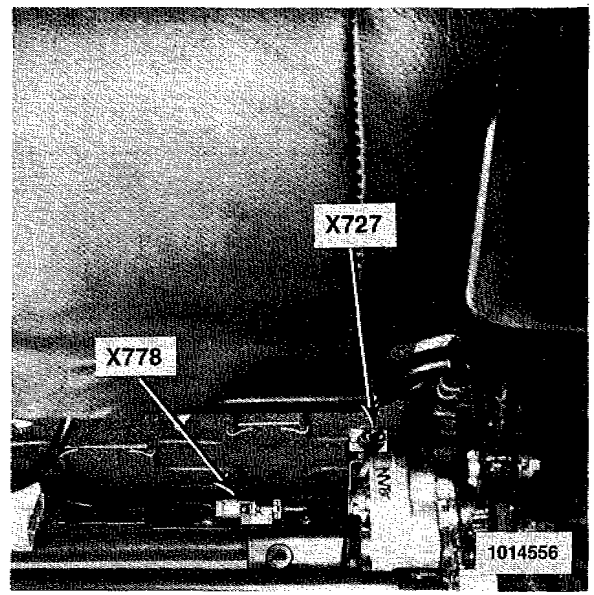


Figure 3- Under Front Of Driver's Seat

X727 Connector (2 pins) SW
X778 Connector (2 pins) SW

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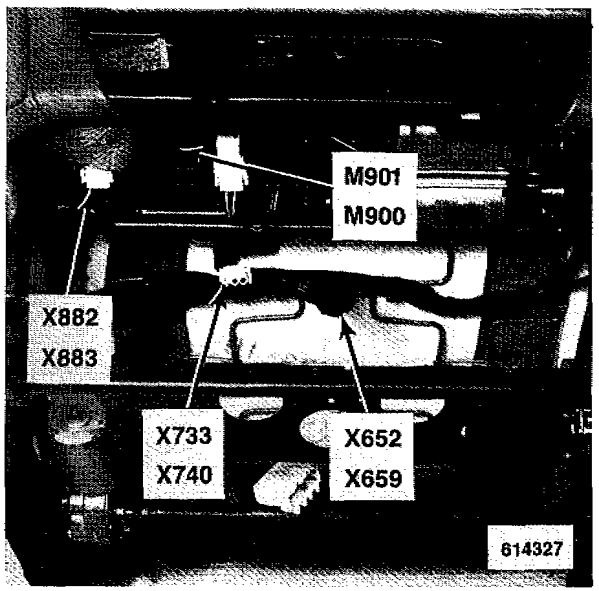


Figure 1- Under Driver's Seat (Passenger's Similar)

M900 Passenger's Thigh Support Motor
M901 Driver's Thigh Support Motor
X652 Connector (LH) (7 pins) SW
X659 Connector (RH) (7 pins) SW
X733 Connector (LH) (2 pins) WS
X740 Connector (RH) (2 pins) WS
X882 Connector (LH) (2 pins) WS
X883 Connector (RH) (2 pins) WS

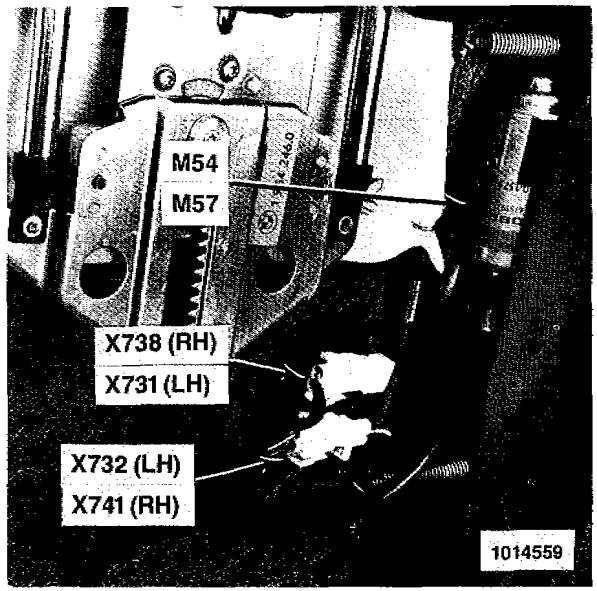


Figure 2- Inside Back Of Driver's Seat (Passenger's Similar)

M54 Driver's Headrest Motor
M57 Passenger's Headrest Motor
X731 Connector (2 pins) (LH) WS
X732 Connector (2 pins) (LH) WS
X738 Connector (2 pins) (RH) WS
X741 Connector (2 pins) (RH) WS

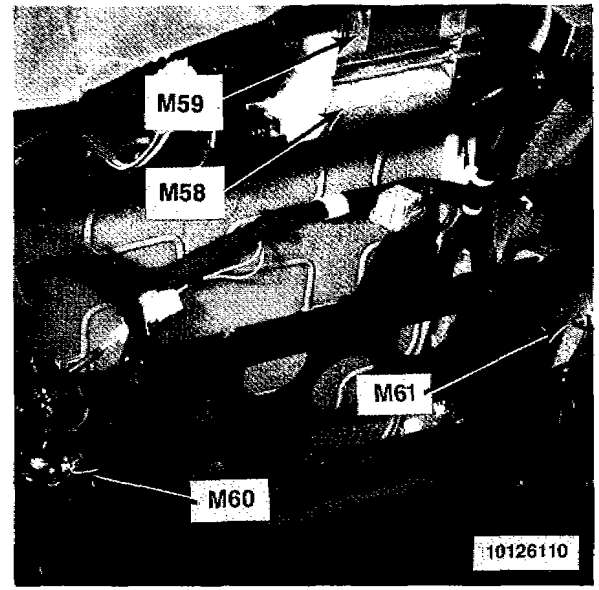


Figure 3- Under Passenger's Seat

M58 Passenger's Seatback Recliner Motor
M59 Passenger's Seat Height Motor
M60 Passenger's Seat Movement Motor
M61 Passenger's Seat Cushion Tilt Motor

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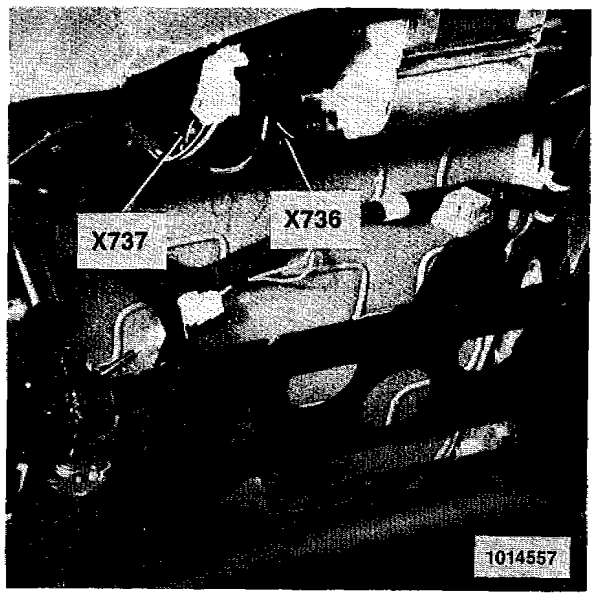


Figure 1- Under Passenger's Seat

X736 Connector (2 pins) SW
X737 Connector (2 pins) WS

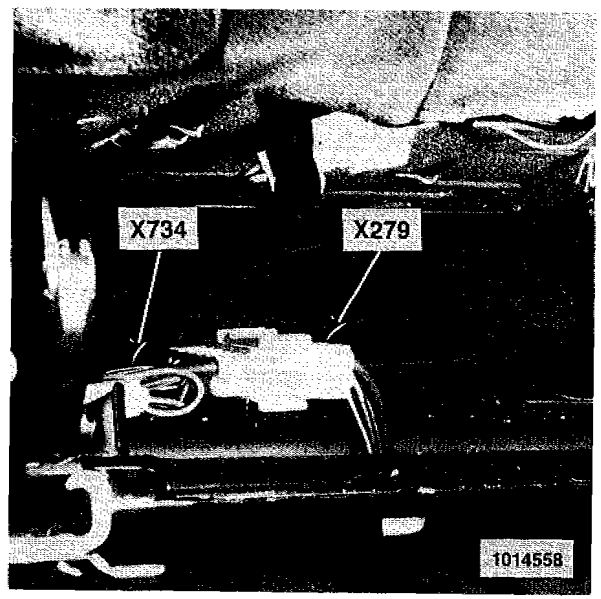


Figure 2- Under Passenger's Seat

X279 Connector (12 pins) WS
X734 Connector (2 pins) WS

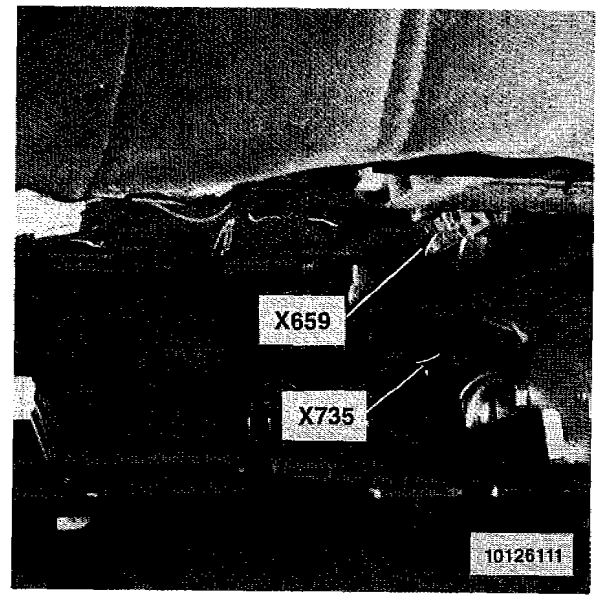


Figure 3- Under Front Of Passenger's Seat

X659 Connector (7 pins) BL
X735 Connector (2 pins) SW

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COMPONENT LOCATION VIEWS

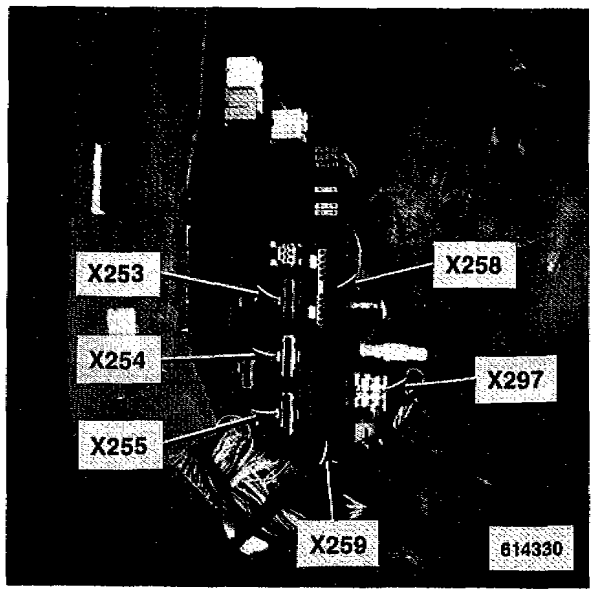


Figure 1- Below LH Side Of Rear Seat (Modules Removed)

X253 Connector (26 pins) GN
X254 Connector (26 pins) WS
X255 Connector (26 pins) GE
X258 Connector (20 pins) WS
X259 Connector (20 pins) SW
X297 Connector (9 pins) WS

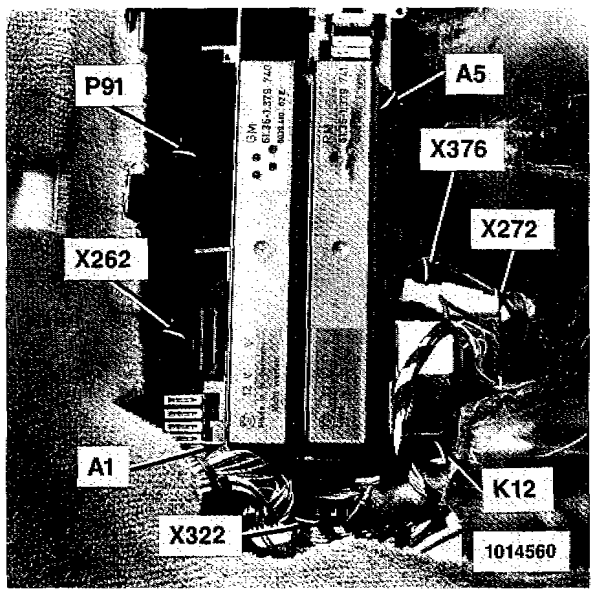


Figure 2- Below LH Side Of Rear Seat

A1 General Module
A5 Relay Module
K12 Wiper Pressure Control (ADV) Relay
P91 Rear Power Distribution Box
X262 Connector (26 pins) BL
X272 Connector (12 pins) SW
X322 Connector (6 pins) SW
X376 Connector (2 pins) WS

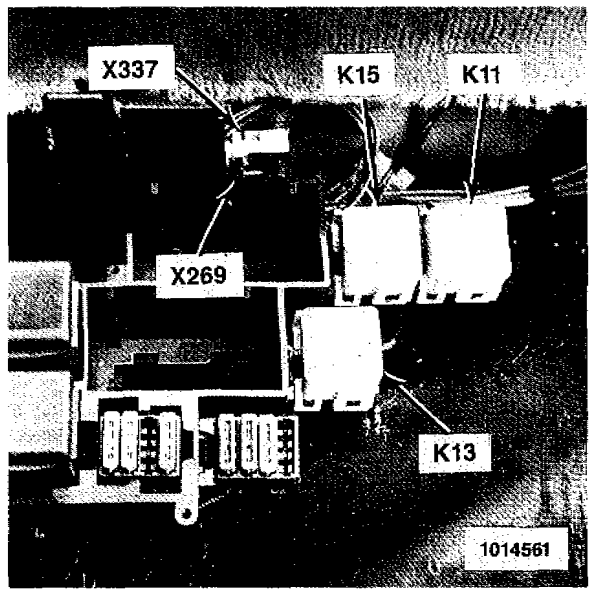


Figure 3- Below LH Side Of Rear Seat

K11 Wiper Relay
K13 Rear Defogger Relay
K15 Electric Power Protection Relay
X269 Connector (6 pins) SW
X337 Connector (4 pin) WS

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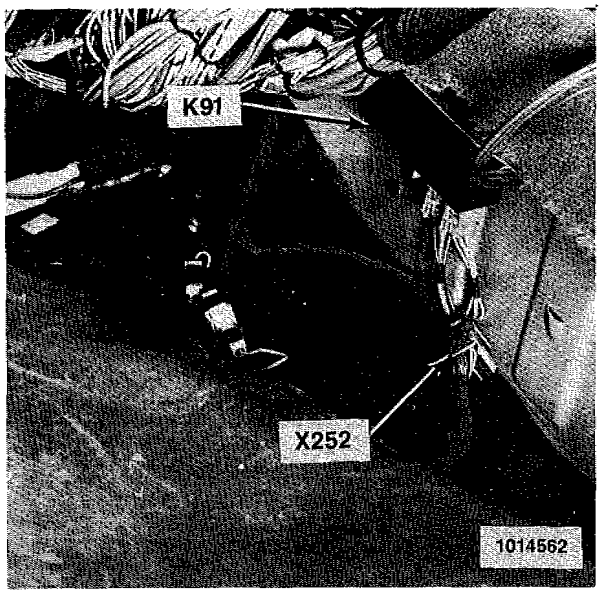


Figure 1- Below LH Side Of Rear Seat (Rear Power Distribution Box Removed)

K91 On-Board Computer Horn Relay
X252 Connector (26 pins) GN

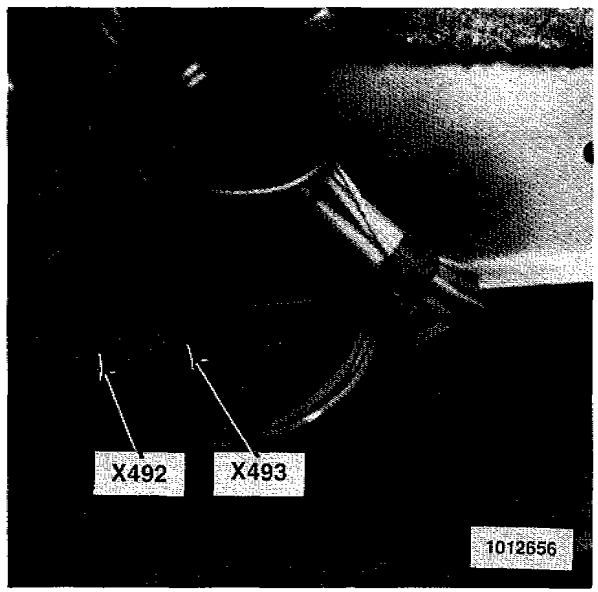


Figure 2- Below LH Side Of Rear Seat

X492 Ground
X493 Ground

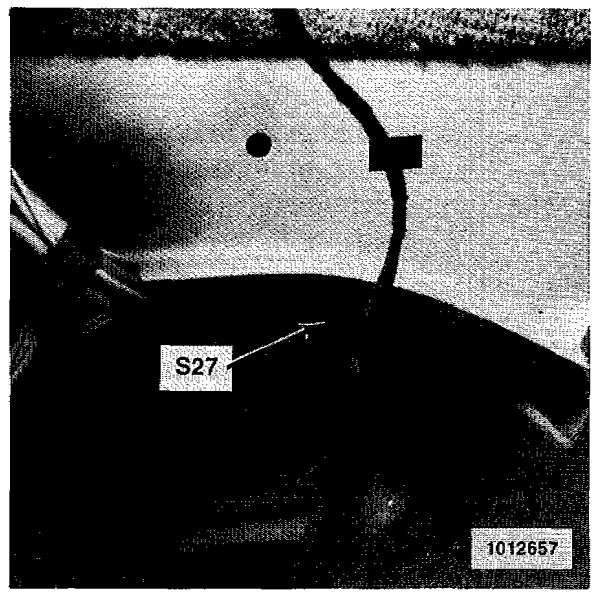


Figure 3- Below LH Side Of Rear Seat

S27 Inertia Switch

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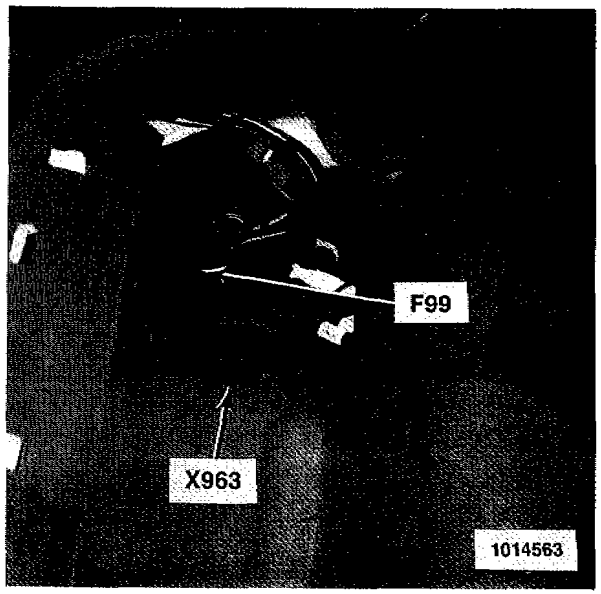


Figure 1- Below RH Side Of Rear Seat (525i)

F99 Fusible Link 50A
X963 B+ Junction Post

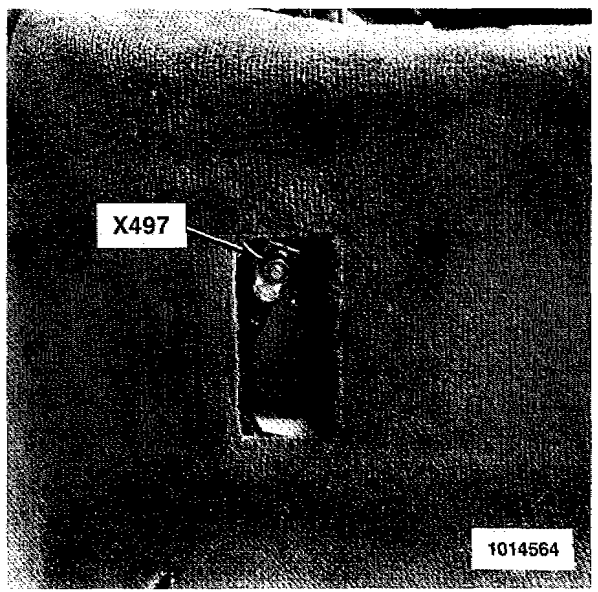


Figure 2- Ahead Of RH Side Of Rear Seat

X497 Ground (Battery)

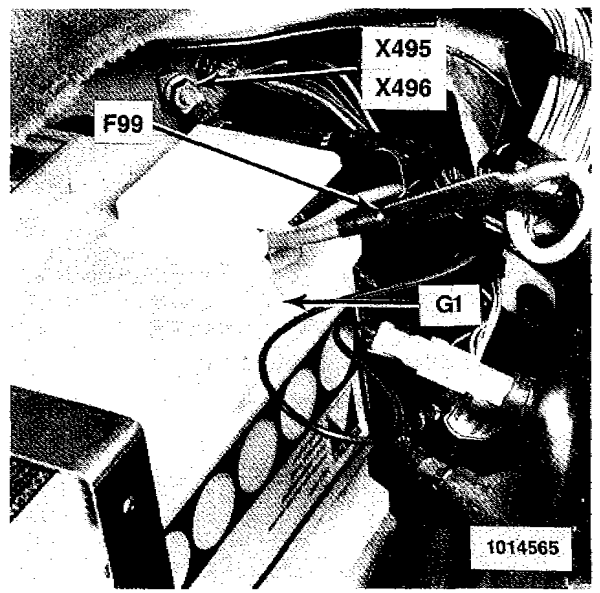


Figure 3- Below RH Side Of Rear Seat (535i Shown; 525i And M5 Similar)

F99 Fusible Link
G1 Battery
X495 Ground
X496 Ground

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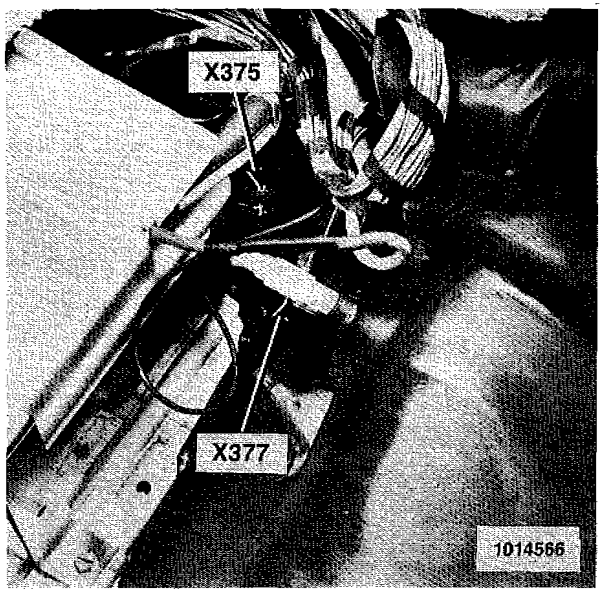


Figure 1- Below RH Side Of Rear Seat (535i Shown; 525i And M5 Similar)

X375 Connector (3 pins) SW
X377 Connector (2 pins) WS

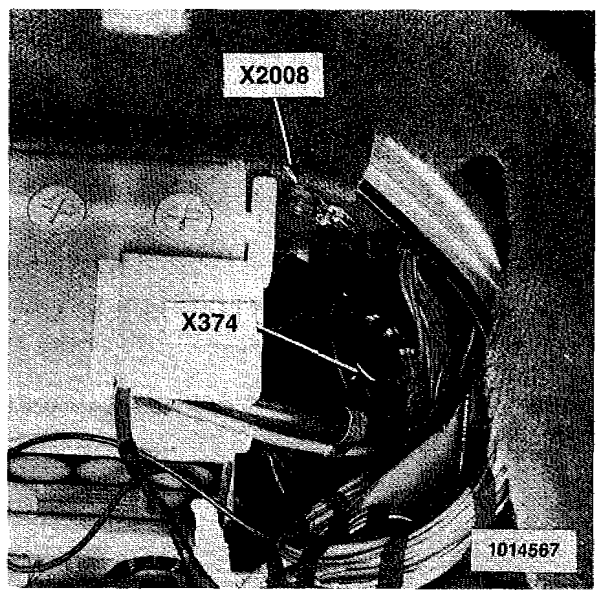


Figure 2- Below RH Side Of Rear Seat (535i Shown; 525i And M5 Similar)

X374 Connector (3 pins) SW
X2008 Ground

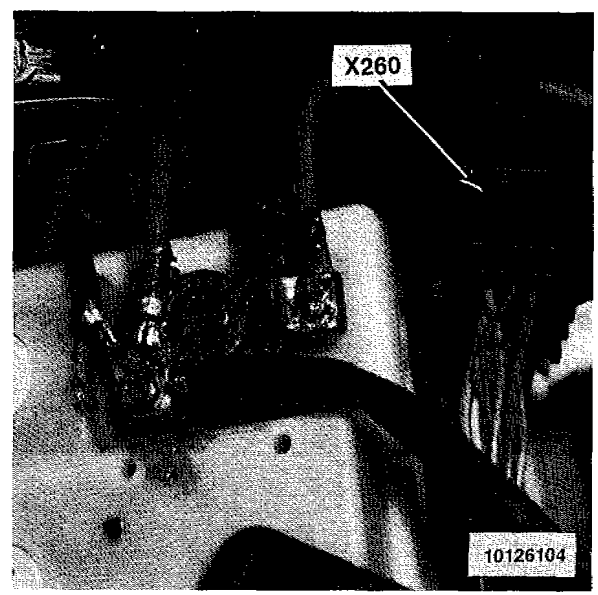


Figure 3- Below RH Side Of Rear Seat (535i Shown; 525i And M5 Similar)

X260 Connector (21 pins) SW

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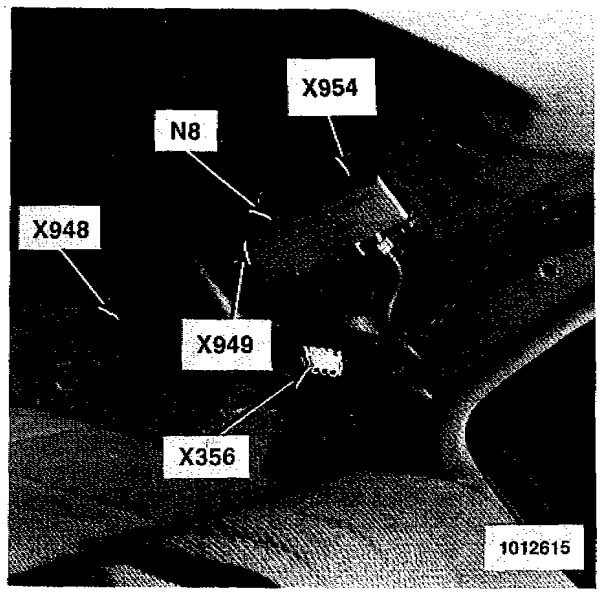


Figure 1- LH "C" Pillar (IHKR)

N8 Antenna Amplifier
X356 Connector (3 pins) WS
X948 Connector (1 pin) SW
X949 Connector (1 pin) SW
X954 Connector (1 pin) SW

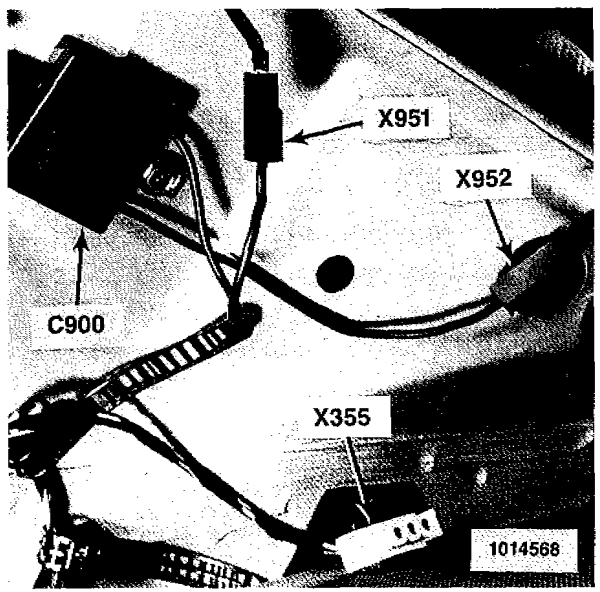


Figure 2- RH "C" Pillar (IHKR)

C900 Defogger Coupler
X355 Connector (3 pins) WS
X951 Connector (1 pin) SW
X952 Connector (1 pin) SW

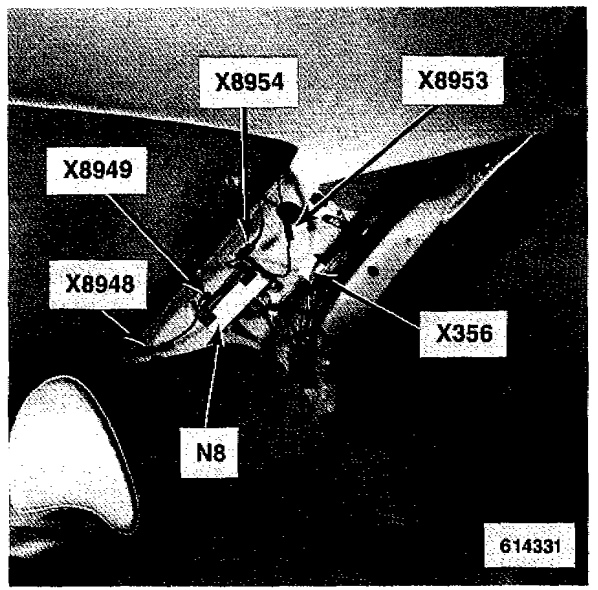


Figure 3- LH "C" Pillar (IHKR 2)

N8 Antenna Amplifier
X356 Connector (3 pins) WS
X8948 Connector (1 pin) SW
X8949 Connector (1 pin) SW
X8953 Connector (1 pin) SW
X8954 Connector (1 pin) SW

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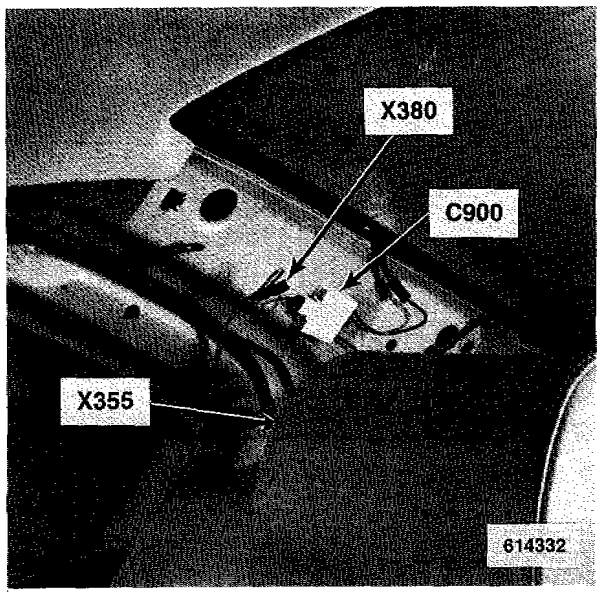


Figure 1- RH "C" Pillar (IHKR 2)

C900 Defogger Coupler
X355 Connector (3 pins) WS
X380 Connector (1 pin) SW

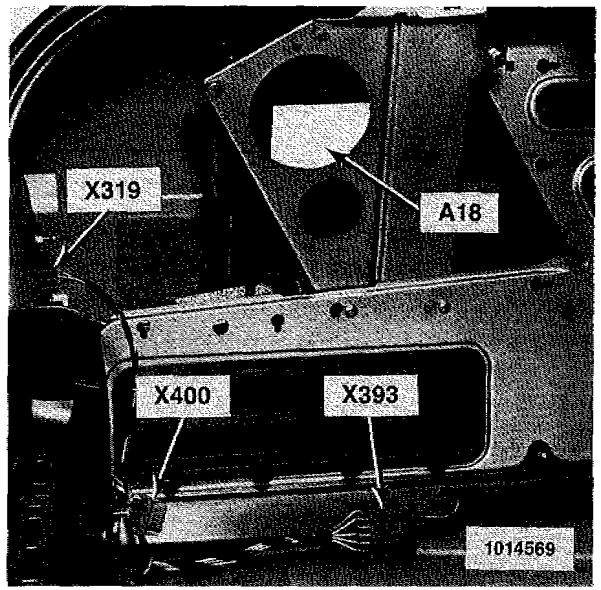


Figure 2- LH Side Of Trunk (525i/535i)

A18 HIFI Amplifier
X319 Connector (4 pins) SW
X393 Connector (6 pins) SW
X400 Connector (4 pins) SW

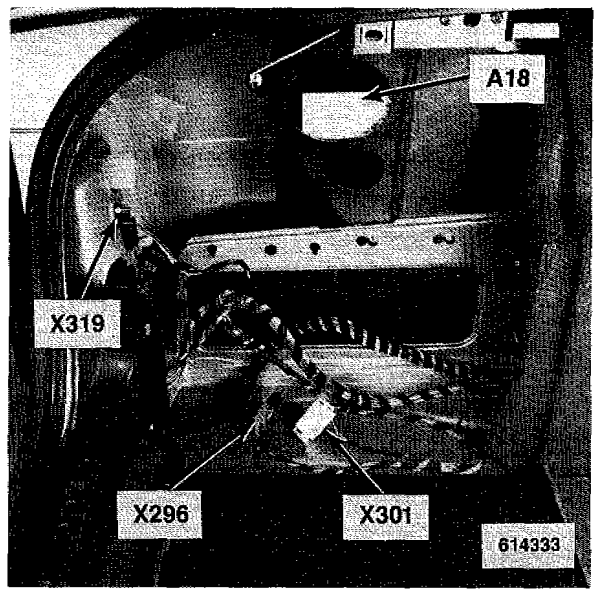


Figure 3- LH Side Of Trunk (M5)

A18 HIFI Amplifier
X296 Connector (6 pins) WS
X301 Connector (26 pins) GN
X319 Connector (4 pins) SW

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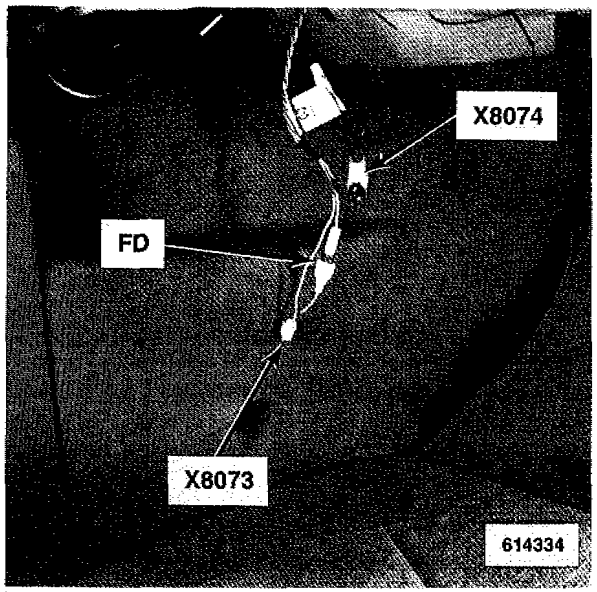


Figure 1- LH Front Of Trunk

FD Fuse 3A
X8073 Connector (3 pins) WS
X8074 Connector (12 pins) BL

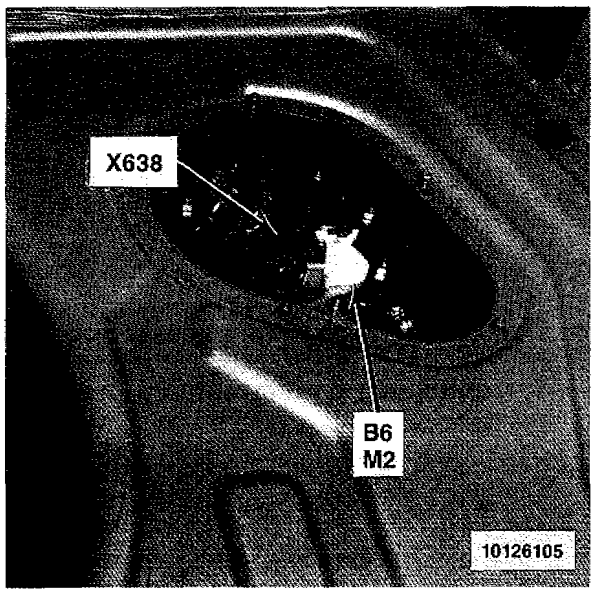


Figure 2- RH Side Of Trunk, Below Maintenance Cover

B6 Fuel Tank Sensor
M2 Fuel Pump
X638 Connector (6 pins) SW

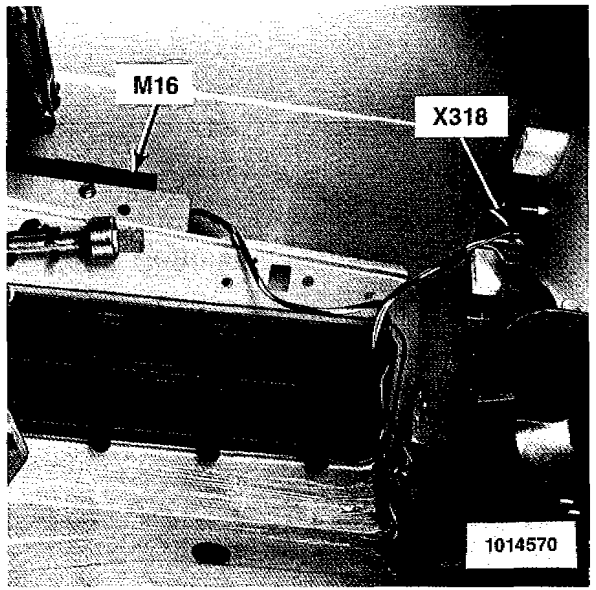


Figure 3- RH Side Of Trunk

M16 Gas Filler Lock Motor
X318 Connector (4 pins) SW

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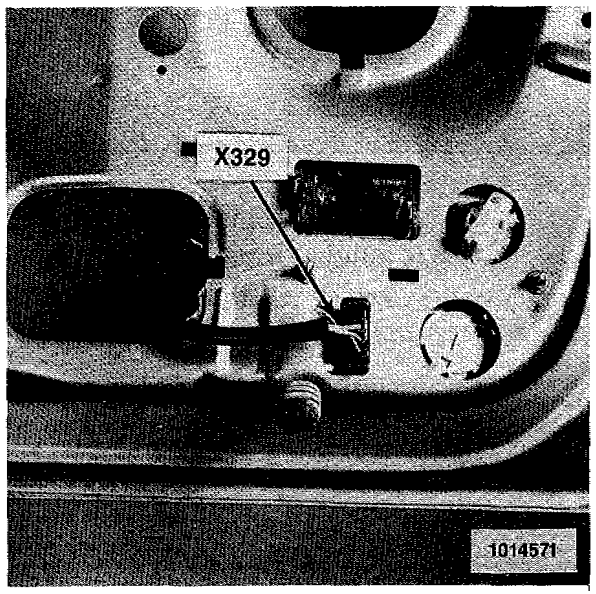


Figure 1- LH Rear Of Trunk Lid

X329 Connector (4 pins) SW

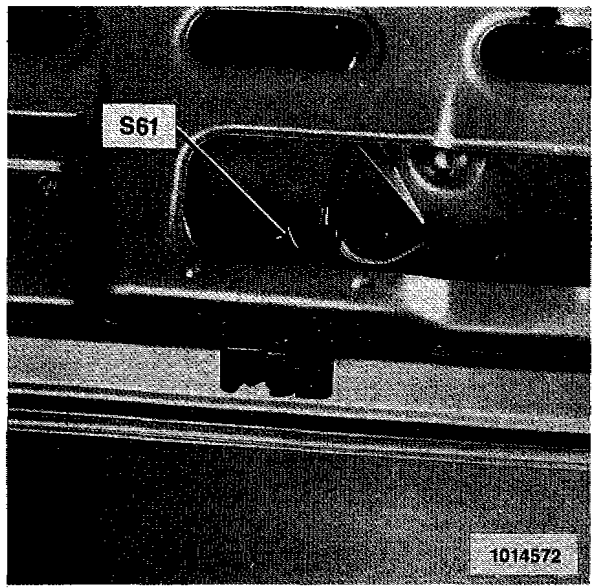


Figure 2- Center Rear Of Trunk Lid

S61 Trunk Lid Switch

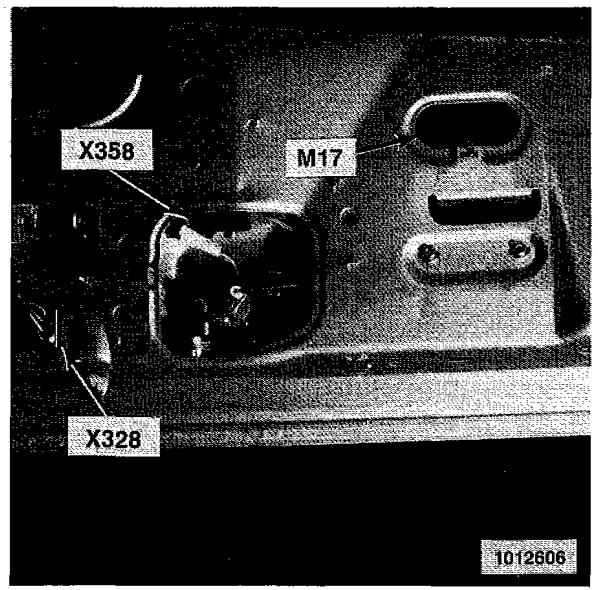


Figure 3- RH Rear Of Trunk Lid

M17 Trunk Lock Motor
X328 Connector (4 pins) SW
X358 Connector (3 pins) SW

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SPLICE LOCATION VIEWS

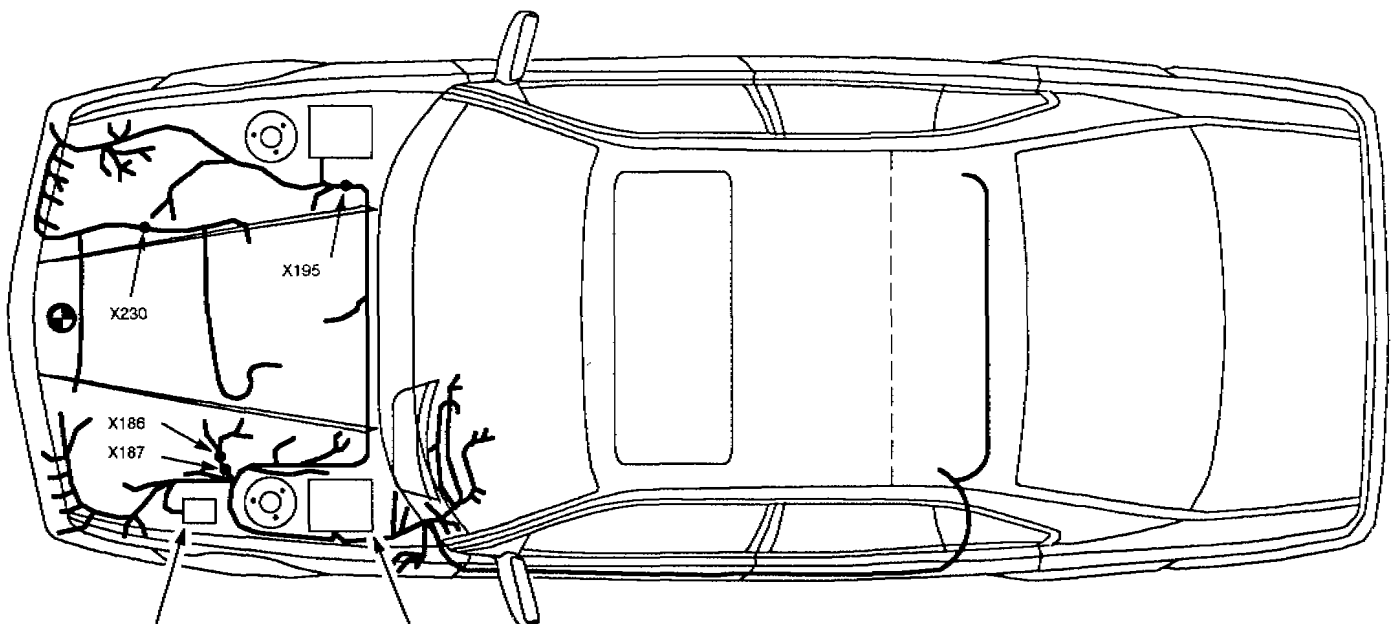
INDEX

This index contains all the splices in the car, what harness each one is in, and the page that the splices appear on.
The drawings after the index show how the harness is routed through the car and where the splices are located on the harness.

Splice	Harness	Page	Splice	Harness	Page
X181-X246	Front	8000.0-01	X1047	Front	8000.0-01
X433-X479	Rear	8000.0-06	X1159	Front	8000.0-01
X557-X584	Instrument	8000.0-05	X1202	Front	8000.0-01
X831	Sunroof	Not shown	X1224	Rear	8000.0-06
X833	Rear	8000.0-06	X1226	Rear	8000.0-06
X834	LH Rear Door	Not shown	X1228	Rear	8000.0-06
X835	RH Rear Door	Not shown	X1456	Rear	8000.0-06
X836	Driver's Seat	Not shown	X1902-X1955	M20 Engine	8000.0-03
X839-X843	Driver's Seat	Not shown	X1902-X1955	M30 Engine	8000.0-02
X844-X847	Passenger's Seat	Not shown	X1902-X1955	S38 Engine	8000.0-04
X848-X851	Driver's Door	Not shown	X2010	AEGS	Not shown
X852-X860	IHKR	Not shown	X9465	Rear	8000.0-06
X863	Passenger's Door	Not shown	X9505	Front	8000.0-01
X900	Driver's Door	Not shown	X9506	Front	8000.0-01
X906	Park Ventilation	Not shown	X9512	Park Ventilation	Not shown
X994	Front	8000.0-01	X9513	S38 Engine	8000.0-04
X1022	Front	8000.0-01	X9525	S38 Engine	8000.0-04
X1023	Front	8000.0-01	X9572	S38 Engine	8000.0-04
X1029	Front	8000.0-01	X9574	S38 Engine	8000.0-04
X1043	Front	8000.0-01	X18158-X18164	IHKR 2	Not shown
X1044	IHKR	Not shown			

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SPLICE LOCATION VIEWS



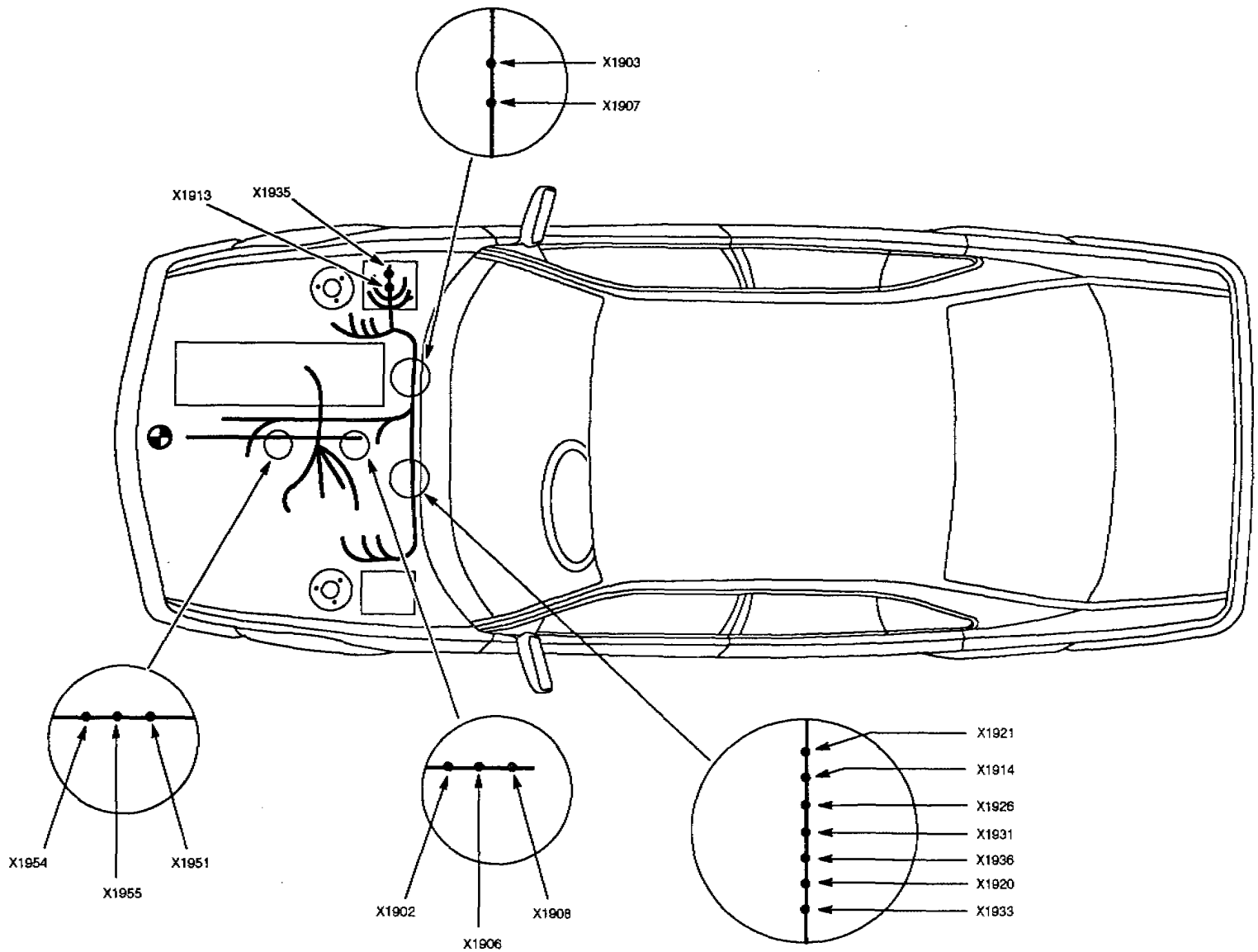
X189 ●
X202 ●

X161 ●	X195 ●	X206 ●	X223 ●	X1022 ●
X162 ●	X196 ●	X207 ●	X225 ●	X1023 ●
X163 ●	X197 ●	X208 ●	X226 ●	X1029 ●
X164 ●	X198 ●	X209 ●	X227 ●	X1043 ●
X165 ●	X199 ●	X212 ●	X228 ●	X1047 ●
X166 ●	X200 ●	X213 ●	X241 ●	X1159 ●
X190 ●	X201 ●	X214 ●	X245 ●	X1202 ●
X191 ●	X203 ●	X215 ●	X246 ●	X9505 ●
X192 ●	X204 ●	X217 ●	X249 ●	X9506 ●
X193 ●	X205 ●	X222 ●	X288 ●	

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SPLICE LOCATION VIEWS

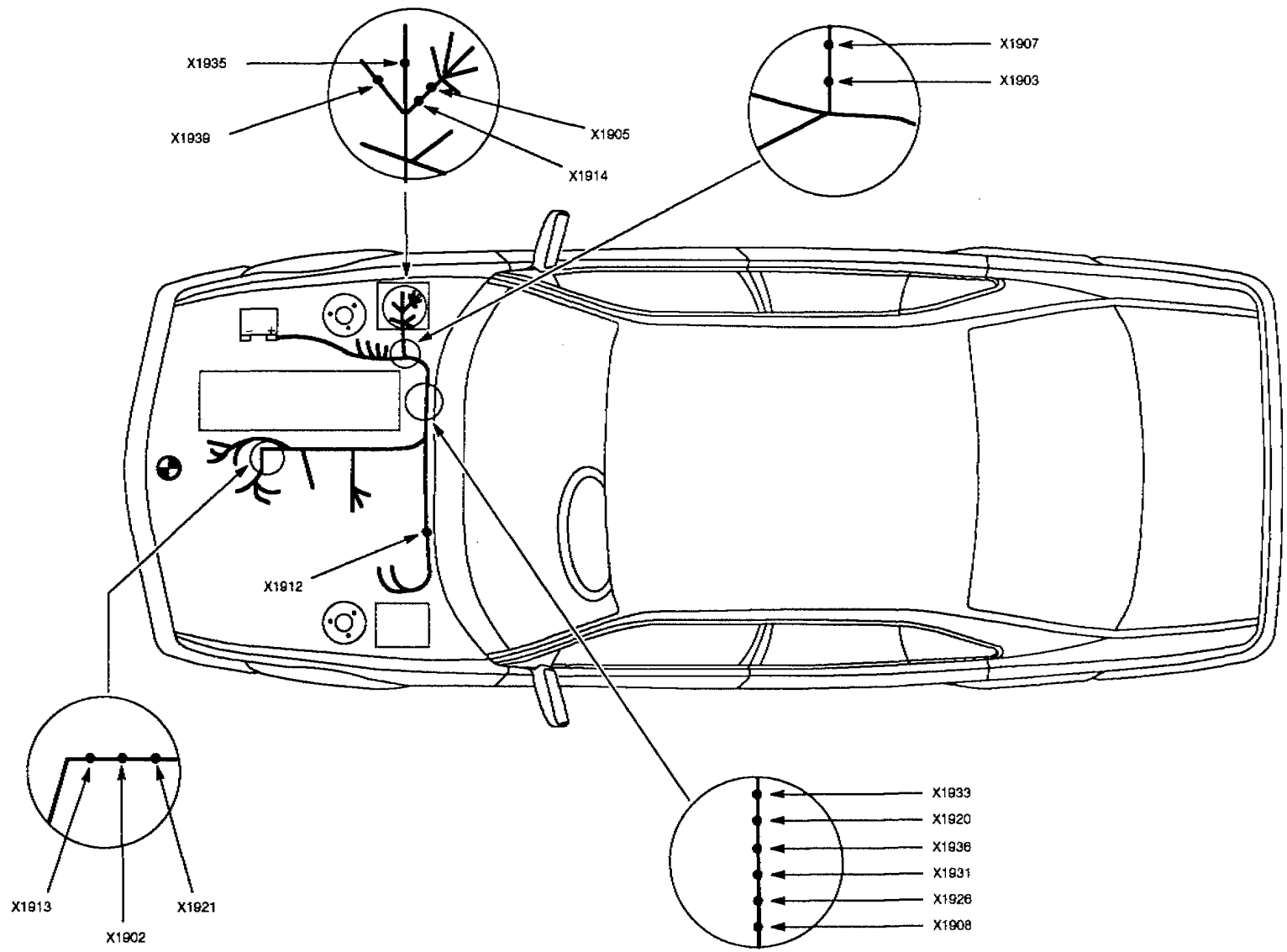
M30 ENGINE HARNESS



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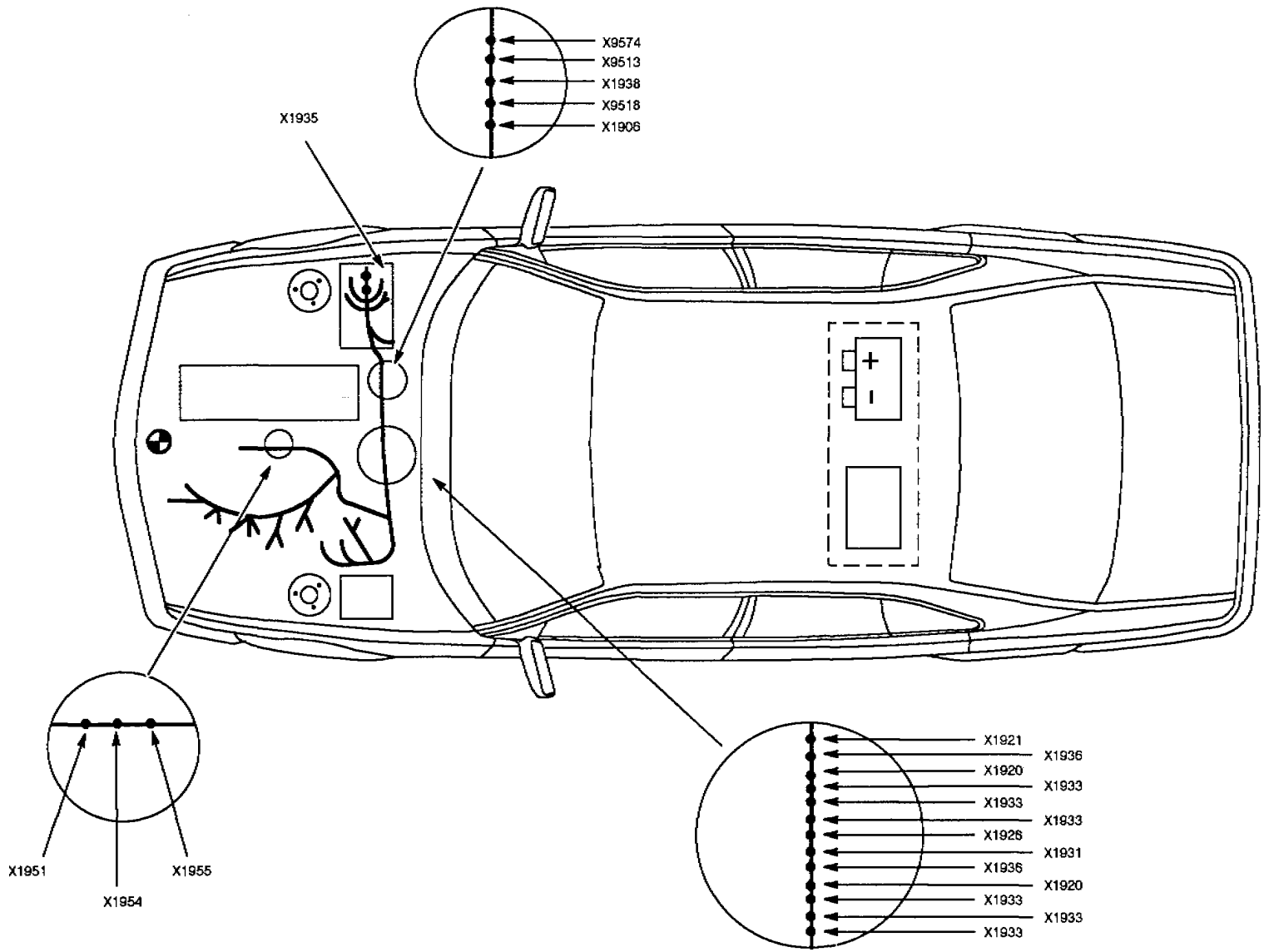
SPLICE LOCATION VIEWS

M20 ENGINE HARNESS (525i)



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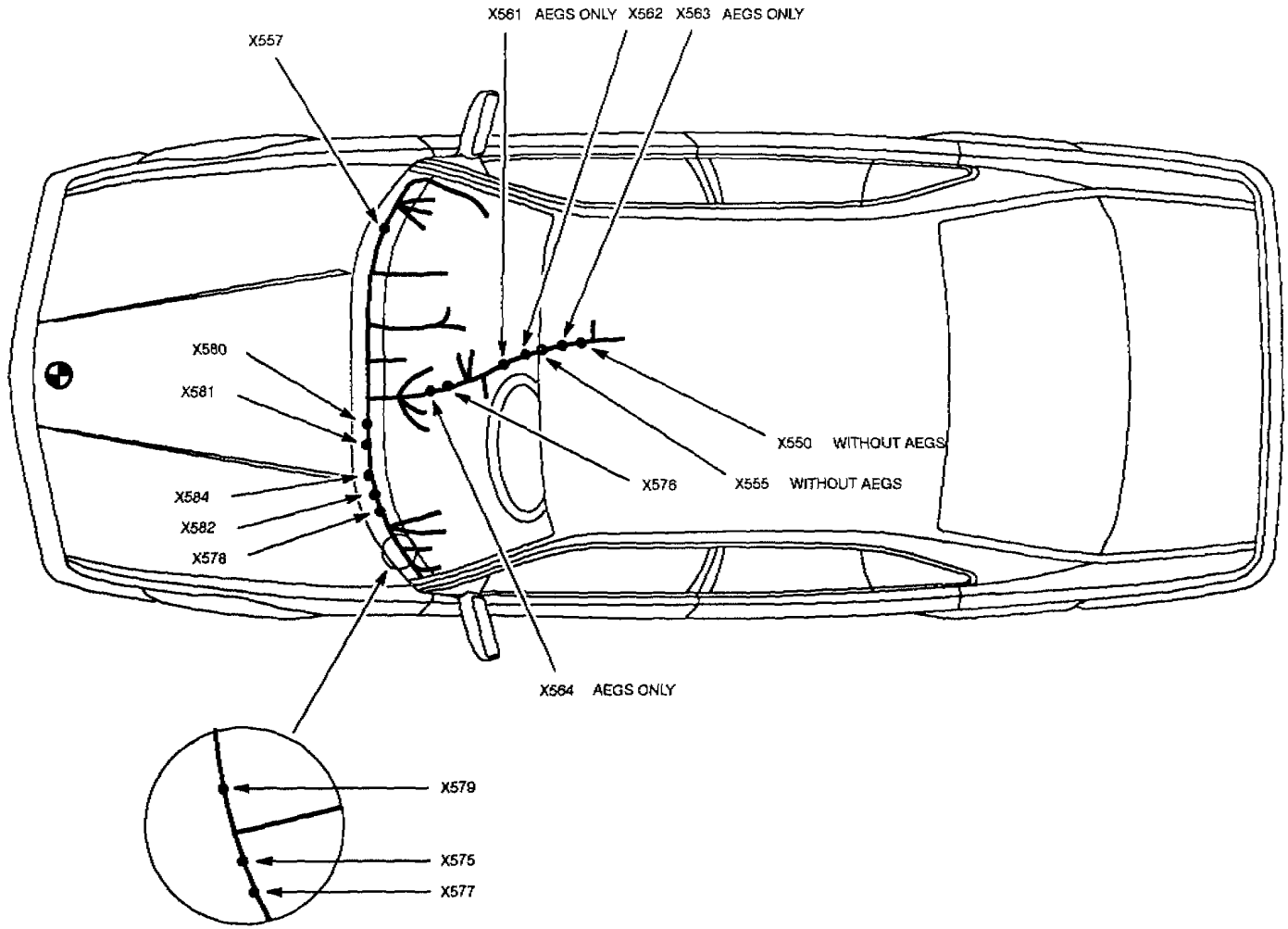
M5 ENGINE HARNESS



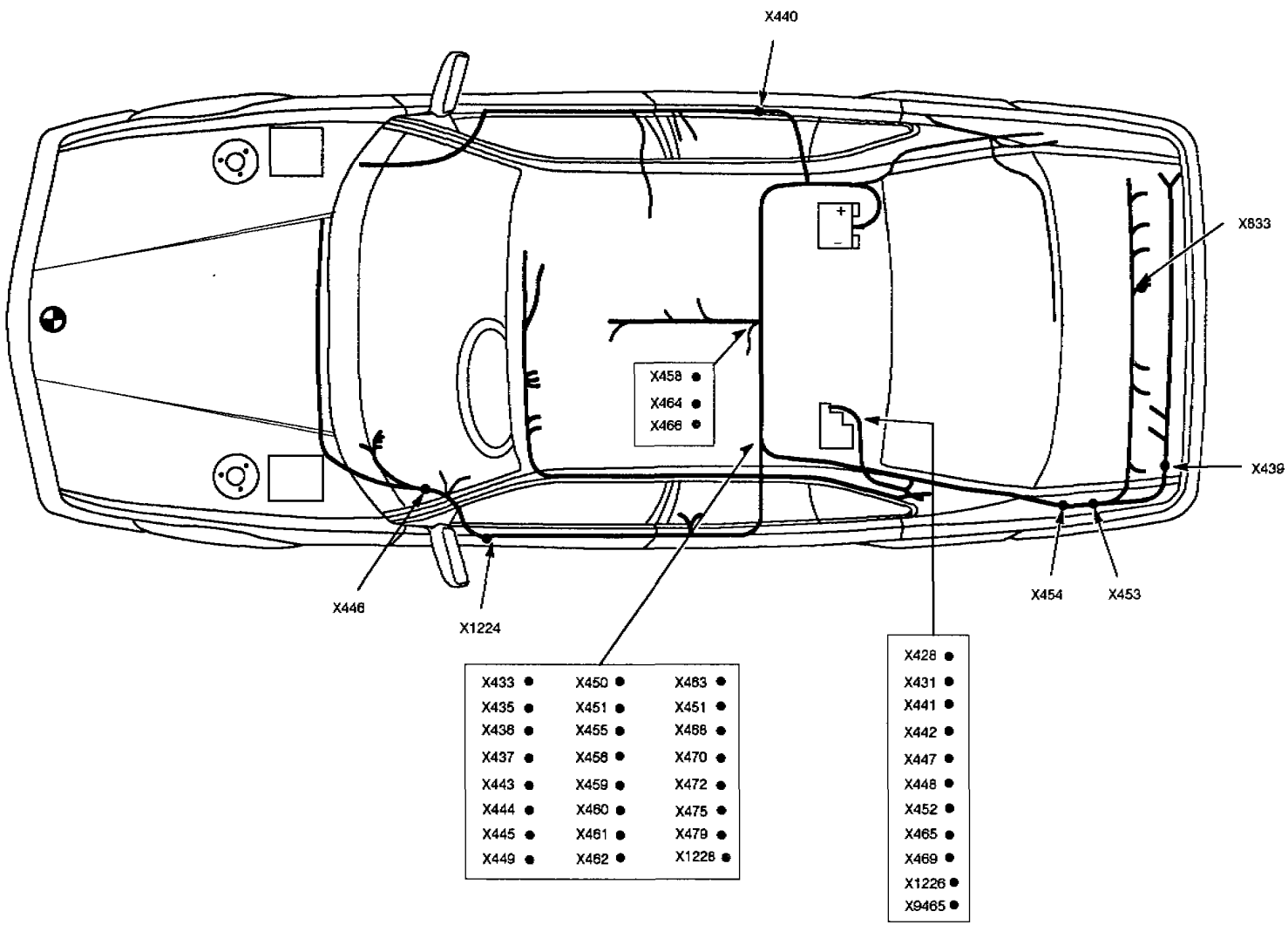
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SPLICE LOCATION VIEWS

INSTRUMENT HARNESS



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Connector Views Chart

Connector		Page - Fig.
X11	Connector (35-Pins, Natural)	8500.0-00-3
X12	Connector (35-Pins, Black)	8500.0-00-2
X13	Connector (21-Pins, White)	8500.0-01-3
X14	Connector (30-Pins, Yellow)	8500.0-00-4
X15	Connector (30-Pins, White)	8500.0-00-4
X16	Connector (26-Pins, Beige)	8500.0-01-1
X17	Connector (24-Pins, Brown)	8500.0-01-4
X18	Connector (26-Pins, Blue)	8500.0-01-1
X19	Connector (26-Pins, Green)	8500.0-01-1
X20	Connector (20-Pins, Black)	8500.0-01-2
X21	Connector (20-Pins, Black)	8500.0-01-5
X22	Connector (26-Pins, Blue)	8500.0-01-1
X31	Connector (12-Pins, Black)	8500.0-01-6
X32	Connector (12-Pins, White)	8500.0-02-1
X33	Connector (12-Pins, Black)	8500.0-02-1
X34	Connector (21-Pins, White)	8500.0-01-3
X35	Connector (21-Pins, Black)	8500.0-01-3
X48	Connector (9-Pins, White)	8500.0-02-3
X49	Connector (9-Pins, White)	8500.0-02-3
X50	Connector (9-Pins, White)	8500.0-02-3
X51	Connector (9-Pins, Black)	8500.0-02-3
X52	Connector (9-Pins, White)	8500.0-02-3
X53	Connector (9-Pins, White)	8500.0-02-3
X54	Connector (9-Pins, Black)	8500.0-02-3
X55	Connector (9-Pins, White)	8500.0-02-3
X56	Connector (9-Pins, White)	8500.0-02-3
X57	Connector (9-Pins, White)	8500.0-02-3
X58	Connector (9-Pins, White)	8500.0-02-3
X59	Connector (9-Pins, White)	8500.0-02-3

Connector		Page - Fig.
X61	Connector (9-Pins, Black)	8500.0-02-3
X62	Connector (9-Pins, White)	8500.0-02-3
X63	Connector (9-Pins, White)	8500.0-02-3
X64	Connector (9-Pins, Black)	8500.0-02-3
X69	Connector (8-Pins, White)	8500.0-03-1
X70	Connector (8-Pins, Black)	8500.0-03-2
X71	Connector (8-Pins, Black)	8500.0-03-2
X72	Connector (8-Pins, White)	8500.0-03-1
X73	Connector (8-Pins, Black)	8500.0-03-1
X74	Connector (8-Pins, Orange)	8500.0-03-1
X75	Connector (6-Pins, Orange)	8500.0-04-1
X76	Connector (6-Pins, Black)	8500.0-04-1
X79	Connector (4-Pins, White)	8500.0-06-5
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X83	Connector (3-Pins, Yellow)	8500.0-04-5
X84	Connector (3-Pins, Yellow)	8500.0-04-3
X85	Connector (3-Pins, Black)	8500.0-04-2
X86	Connector (3-Pins, Orange)	8500.0-04-4
X87	Connector (3-Pins, Black)	8500.0-04-4
X88	Connector (3-Pins, Black)	8500.0-03-3
X89	Connector (3-Pins, Black)	8500.0-03-6
X90	Connector (3-Pins, Black)	8500.0-03-6
X93	Connector (3-Pins, Black)	8500.0-03-6
X94	Connector (3-Pins, Black)	8500.0-03-6
X116	Connector (4-Pins, Black)	8500.0-06-5
X163	Connector (3-Pins, Black)	8500.0-04-2
X251	Connector (30-Pins, Black)	8500.0-00-4
X252	Connector (26-Pins, Green)	8500.0-01-1

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Connector Views Chart

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Connector		Page – Fig.
X253	Connector (26-Pins, Green)	8500.0-01-1
X254	Connector (26-Pins, White)	8500.0-01-1
X255	Connector (26-Pins, Yellow)	8500.0-01-1
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X257	Connector (26-Pins, Black)	8500.0-13-1
X258	Connector (20-Pins, Black)	8500.0-08-4
X259	Connector (20-Pins, White)	8500.0-08-4
X260	Connector (21-Pins, Black)	8500.0-01-3
X262	Connector (26-Pins, Blue)	8500.0-01-1
X263	Connector (26-Pins, Green)	8500.0-01-1
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X270	Connector (12-Pins, Black)	8500.0-08-5
X271	Connector (12-Pins, Grey)	8500.0-08-2
X272	Connector (12-Pins, Black)	8500.0-02-1
X273	Connector (12-Pins, Gray)	8500.0-02-2
X274	Connector (12-Pins, Gray)	8500.0-02-2
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X278	Connector (10-Pins, Blue)	8500.0-02-2
X279	Connector (12-Pins, White)	8500.0-02-1
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X291	Connector (9-Pins, Black)	8500.0-02-3
X292	Connector (9-Pins, White)	8500.0-02-3
X293	Connector (9-Pins, White)	8500.0-02-3
X294	Connector (9-Pins, White)	8500.0-02-3
X295	Connector (8-Pins, Black)	8500.0-03-1
X296	Connector (6-Pins, White)	8500.0-04-1
X297	Connector (9-Pins, White)	8500.0-02-3
X311	Connector (6-Pins, Black)	8500.0-08-3
X299	Connector (6-Pins, White)	8500.0-04-1
X301	Connector (26-Pins, Green)	8500.0-01-1
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X316	Connector (6-Pins, White)	8500.0-05-4
X317	Connector (6-Pins, Black)	8500.0-05-4
X318	Connector (4-Pins, Black)	8500.0-06-5
X319	Connector (4-Pins, Black)	8500.0-06-5
X322	Connector (6-Pins, Black)	8500.0-04-1
X323	Connector (6-Pins, Black)	8500.0-06-1
X328	Connector (4-Pins, Black)	8500.0-06-5
X329	Connector (4-Pins, Black)	8500.0-06-5
X331	Connector (5-Pins, Green)	8500.0-02-4
X332	Connector (5-Pins, White)	8500.0-05-2
X333	Connector (4-Pins, Black)	8500.0-08-6
X334	Connector (4-Pins, White)	8500.0-08-6
X335	Connector (4-Pins, Green)	8500.0-02-6
X336	Connector (4-Pins, White)	8500.0-06-5
X337	Connector (4-Pins, White)	8500.0-06-5
X338	Connector (4-Pins, Black)	8500.0-06-3
X339	Connector (4-Pins, Black)	8500.0-06-3
X342	Connector (4-Pins, White)	8500.0-06-5
X355	Connector (3-Pins, White)	8500.0-05-5
X356	Connector (3-Pins, White)	8500.0-05-5

Connector Views Chart

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Connector		Page - Fig.
X358	Connector (3-Pins, Black)	8500.0-03-3
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X502	Connector (26-Pins, White)	8500.0-01-1
X503	Connector (12-Pins, Black)	8500.0-05-6
X504	Connector (12-Pins, Black)	8500.0-05-6
X506	Connector (12-Pins, Black)	8500.0-02-1
X509	Connector (9-Pins, Black)	8500.0-02-3
X510	Connector (9-Pins, Black)	8500.0-02-3
X511	Connector (8-Pins, Black)	8500.0-03-1
X512	Connector (8-Pins, Black)	8500.0-03-1
X514	Connector (6-Pins, Black)	8500.0-06-1
X516	Connector (5-Pins, Black)	8500.0-06-2
X517	Connector (4-Pins, Black)	8500.0-06-5
X518	Connector (4-Pins, Black)	8500.0-06-5
X519	Connector (4-Pins, White)	8500.0-06-5
X520	Connector (3-Pins, White)	8500.0-03-3
X521	Connector (6-Pins, Black)	8500.0-06-4
X522	Connector (3-Pins, White)	8500.0-05-5
X523	Connector (6-Pins, Black)	8500.0-09-2
X524	Connector (4-Pins, Black)	8500.0-06-5
X526	Connector (8-Pins, Black)	8500.0-03-1
X529	Connector (6-Pins, Black)	8500.0-06-1
X601	Connector (26-Pins, White)	8500.0-01-1
X602	Connector (26-Pins, Yellow)	8500.0-01-1
X603	Connector (12-Pins, Black)	8500.0-06-6
X604	Connector (12-Pins, Black)	8500.0-06-6
X605	Connector (12-Pins, Black)	8500.0-02-1
X606	Connector (12-Pins, White)	8500.0-02-1
X607	Connector (12-Pins, Black)	8500.0-08-5
X608	Connector (12-Pins, Black)	8500.0-07-2
X609	Connector (15-Pins, Black)	8500.0-12-2
X610	Connector (26-Pins, White)	8500.0-01-1
X611	Connector (26-Pins, Green)	8500.0-01-1
X612	Connector (26-Pins, Blue)	8500.0-01-1
X613	Connector (26-Pins, Blue)	8500.0-01-1
X614	Connector (26-Pins, Yellow)	8500.0-01-1
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X621	Connector (10-Pins, Black)	8500.0-07-1
X622	Connector (10-Pins, Black)	8500.0-07-1
X623	Connector (4-Pins, Black)	8500.0-06-3
X624	Connector (4-Pins, Black)	8500.0-06-3
X625	Connector (6-Pins, Black)	8500.0-07-4
X626	Connector (8-Pins, Black)	8500.0-03-1
X627	Connector (8-Pins, Black)	8500.0-03-1
X628	Connector (3-Pins, Black)	8500.0-07-5
X629	Connector (8-Pins, Natural)	8500.0-07-3
X630	Connector (13-Pins, Black)	8500.0-07-6
X631	Connector (9-Pins, White)	8500.0-02-3
X632	Connector (9-Pins, White)	8500.0-02-3
X633	Connector (8-Pins, Black)	8500.0-09-5
X634	Connector (6-Pins, White)	8500.0-04-1

Connector Views Chart

Connector		Page – Fig.
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X641	Connector (6–Pins, Black)	8500.0–09–4
X642	Connector (6–Pins, Black)	8500.0–09–3
X643	Connector (6–Pins, Blue)	8500.0–10–2
X644	Connector (6–Pins, Black)	8500.0–09–4
X645	Connector (6–Pins, Black)	8500.0–08–3
X646	Connector (6–Pins, Black)	8500.0–09–4
X647	Connector (6–Pins, Black)	8500.0–08–3
X648	Connector (6–Pins, Black)	8500.0–08–3
X649	Connector (6–Pins, White)	8500.0–08–3
X650	Connector (6–Pins, Black)	8500.0–08–3
X651	Connector (6–Pins, Black)	8500.0–08–3
X652	Connector (6–Pins, Blue)	8500.0–08–3
X653	Connector (6–Pins, Black)	8500.0–08–3
X654	Connector (6–Pins, White)	8500.0–08–3
X655	Connector (6–Pins, Blue)	8500.0–08–3
X656	Connector (6–Pins, Green)	8500.0–08–3
X657	Connector (6–Pins, Brown)	8500.0–08–3
X658	Connector (6–Pins, Black)	8500.0–08–3
X659	Connector (6–Pins, Blue)	8500.0–08–3
X661	Connector (6–Pins, Black)	8500.0–10–4
X662	Connector (6–Pins, Black)	8500.0–10–4
X663	Connector (6–Pins, Black)	8500.0–10–4
X664	Connector (6–Pins, Black)	8500.0–10–4
X665	Connector (6–Pins, Black)	8500.0–10–4

Connector		Page – Fig.
X666	Connector (6–Pins, Black)	8500.0–10–4
X667	Connector (6–Pins, Black)	8500.0–10–4
X668	Connector (6–Pins, Black)	8500.0–10–4
X669	Connector (6–Pins, Black)	8500.0–10–4
X670	Connector (6–Pins,Black)	8500.0–10–4
X671	Connector (5–Pins, Green)	8500.0–02–4
X672	Connector (4–Pins, Black)	8500.0–10–5
X673	Connector (4–Pins, Black)	8500.0–06–5
X674	Connector (4–Pins, Black)	8500.0–06–5
X677	Connector (9–Pins, Black)	8500.0–10–6
X681	Connector (3–Pins, White)	8500.0–03–3
X682	Connector (3–Pins, Natural)	8500.0–10–3
X684	Connector (3–Pins, Black)	8500.0–04–2
X685	Connector (3–Pins, Black)	8500.0–04–2
X686	Connector (3–Pins, Blue)	8500.0–10–3
X687	Connector (3–Pins, Blue)	8500.0–10–3
X688	Connector (3–Pins, Blue)	8500.0–10–3
X689	Connector (3–Pins, Blue)	8500.0–10–3
X690	Connector (3–Pins, Blue)	8500.0–10–3
X692	Connector (3–Pins, Black)	8500.0–03–3
X693	Connector (3–Pins, Black)	8500.0–05–5
X694	Connector (3–Pins, Natural)	8500.0–10–3
X695	Connector (3–Pins, Black)	8500.0–03–3
X696	Connector (3–Pins, Black)	8500.0–07–5
X881	Connector (6–Pins, White)	8500.0–08–3
X886	Connector (6–Pins, Black)	8500.0–08–3
X902	Connector (9–Pins, Black)	8500.0–10–6

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Connector Views Chart

Connector		Page - Fig
X903	Connector (3-Pins, Natural)	8500 0-08-3
X918	Connector (6-Pins, Black)	8500 0-08-3
X919	Connector (6-Pins, Black)	8500 0-08-3
X926	Connector (3-Pins, Natural)	8500 0-10-3
X928	Connector (3-Pins, Black)	8500 0-04-2
X929	Connector (3-Pins, Black)	8500 0-04-2
X941	Connector (9-Pins, White)	8500 0-02-3
X1021	Connector (9-Pins, White)	8500 0-02-3
X1500	Connector (55-Pins, Natural)	8500 0-00-1
X1514	Connector (3-Pins, Black)	8500 0-03-5
X1515	Connector (9-Pins, White)	8500 0-02-3
X1516	Connector (9-Pins, White)	8500 0-02-3
X1517	Connector (9-Pins, White)	8500 0-02-3
X1521	Connector (3-Pins, Black)	8500 0-03-5
X1522	Connector (3-Pins, Black)	8500 0-03-5
X1523	Connector (4-Pins, Black)	8500 0-11-4
X1525	Connector (3-Pins, Black)	8500 0-03-5
X1528	Connector (5-Pins, Black)	8500 0-11-2
X1532	Connector (20-Pins, Black)	8500 0-11-5
X1533	Connector (3-Pins, Black)	8500 0-03-5
X1536	Connector (6-Pins, Black)	8500 0-11-3
X1537	Connector (8-Pins, Black)	8500 0-03-1
X1550	Connector (35-Pins, Black)	8500 0-00-3
X1552	Connector (4-Pins, Black)	8500 0-06-3
X1554	Connector (8-Pins, Black)	8500 0-10-1
X1563	Connector (7-Pins, Black)	8500 0-12-4
X2000	Connector (35-Pins, Natural)	8500 0-00-3
X2001	Connector (12-Pins, Black)	8500 0-02-1
X2003	Connector (6-Pins, Blue)	8500 0-08-3
X2004	Connector (12-Pins, Black)	8500 0-07-2

Connector		Page - Fig
X2005	Connector (8-Pins, Black)	8500 0-11-1
X3500	Connector (3-Pins, White)	8500 0-03-3
X3502	Connector (3-Pins, White)	8500 0-03-3
X3505	Connector (4-Pins, Black)	8500 0-06-5
X3506	Connector (21-Pins, White)	8500 0-01-3
X3510	Connector (3-Pins, Black)	8500 0-13-2
X3511	Connector (3-Pins, Black)	8500 0-13-2
X3524	Connector (3-Pins, White)	8500 0-03-3
X8062	Connector (9-Pins, Gray)	8500 0-13-3
X8063	Connector (9-Pins, Black)	8500 0-02-3
X8073	Connector (3-Pins)	Not shown
X8074	Connector (13-Pins)	Not shown
X8075	Connector (13-Pins)	Not shown
X9269	Connector (26-Pins, White)	8500 0-01-1
X9322	Connector (6-Pins Black)	8500 0-04-1
X9501	Connector (9-Pins, White)	8500 0-02-3
X9522	Connector (5-Pins, Green)	8500 0-02-4
X9504	Connector (4-Pins, Green)	8500 0-02-6
X9550	Connector (6-Pins Black)	8500 0-13-4
X9557	Connector (5-Pins, Black)	8500 0-02-4
X9558	Connector (4-Pins Black)	8500 0-13-4
X9569	Connector (9-Pins White)	8500 0-02-3
X9607	Connector (20-Pins, Black)	8500 0-08-4
X18059	Connector (9-Pins, Black)	8500 0-02-3
X18060	Connector (9-Pins, Black)	8500 0-02-3
X18064	Connector (6-Pins White)	8500 0-08-3
X18065	Connector (6-Pins, White)	8500 0-08-3
X18069	Connector (6-Pins, Orange)	8500 0-04-1
X18130	Connector (4-Pins, Black)	8500 0-06-5

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Connector Views Chart

Connector		Page - Fig.
X18151	Connector (12-Pins)	8500.0-08-2
X18154	Connector (18-Pins)	8500.0-12-3
X18155	Connector (26-Pins)	8500.0-12-4
X18156	Connector (26-Pins)	8500.0-12-4
X18157	Connector (26-Pins)	8500.0-12-4

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CONNECTOR VIEWS

FIGURE 1

B550001.00

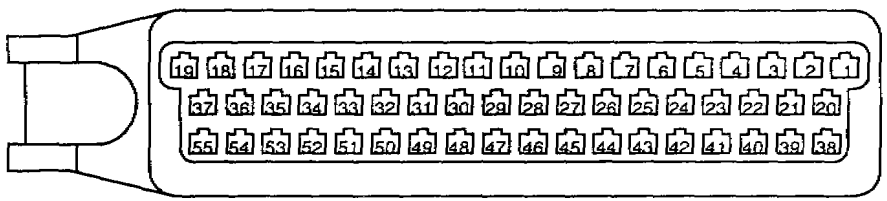


FIGURE 2

B350001.00

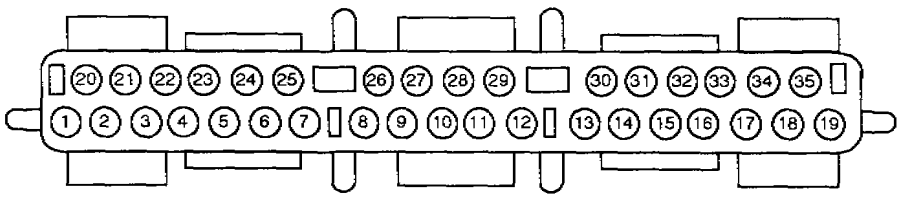


FIGURE 3

B350002.00

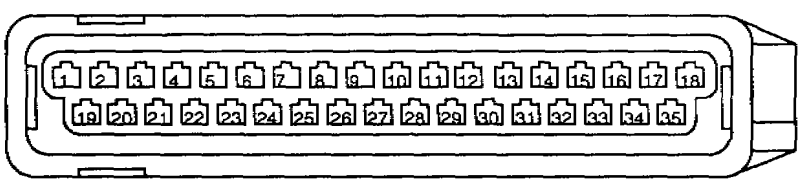
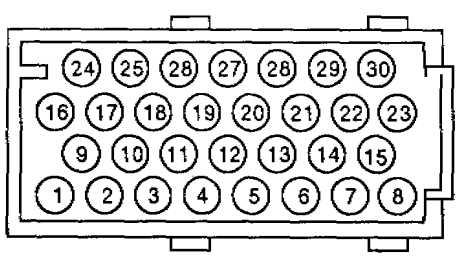


FIGURE 4

B300001.00



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CONNECTOR VIEWS

FIGURE 1

B260002.00

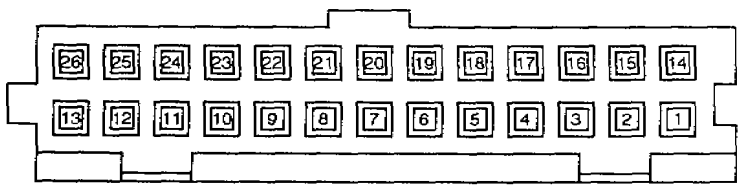


FIGURE 2

B200002.00

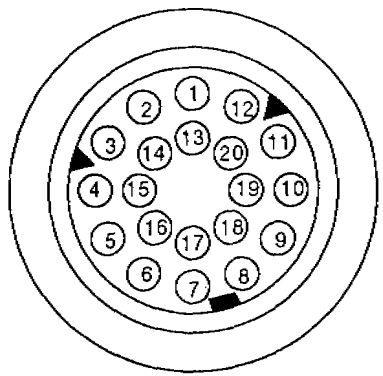


FIGURE 3

B210001.00

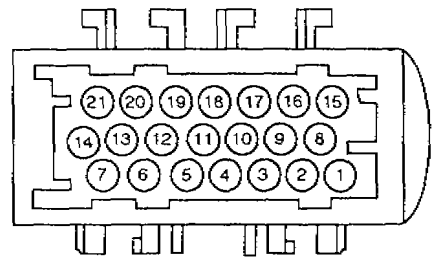


FIGURE 4

B240001.00

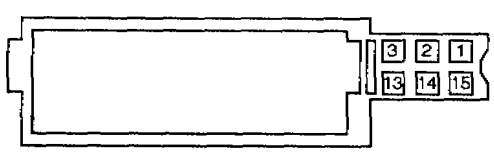


FIGURE 5

B200004.00

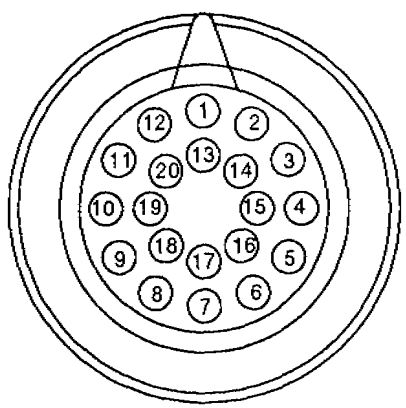
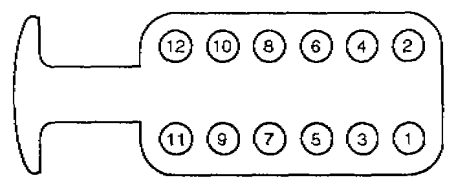


FIGURE 6

B120013.00



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CONNECTOR VIEWS

FIGURE 1

B120002.01

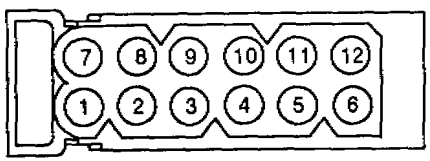
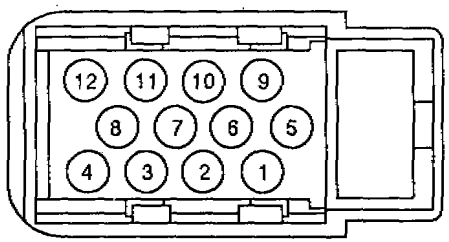


FIGURE 2

B120003.00



B100001.00

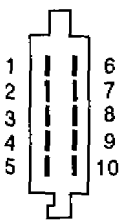


FIGURE 3

B090001.00

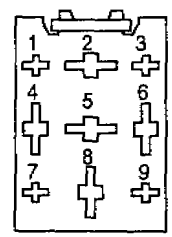


FIGURE 4

B050005.00

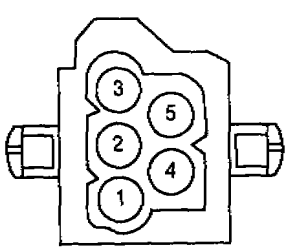
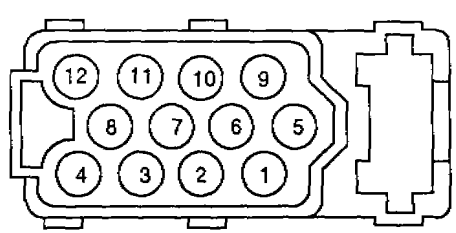


FIGURE 5

B120007.00



B100003.00

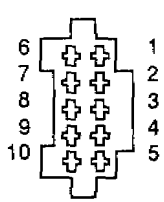
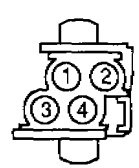


FIGURE 6

B040003.00



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CONNECTOR VIEWS

FIGURE 1

B080002.00

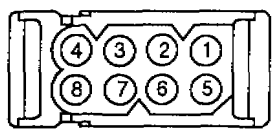


FIGURE 2

B080004.00

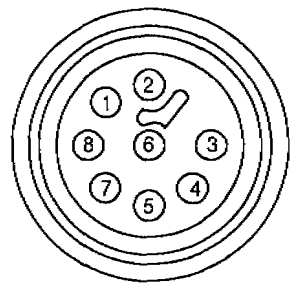


FIGURE 3

B030001.00

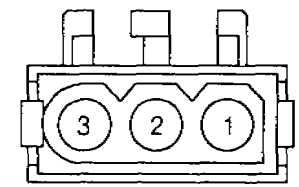


FIGURE 4

B080003.00

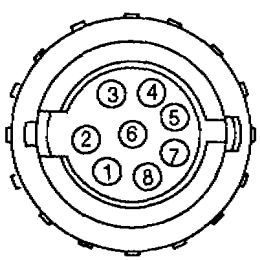


FIGURE 5

B030015.00

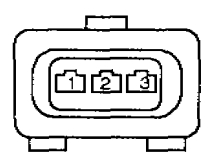
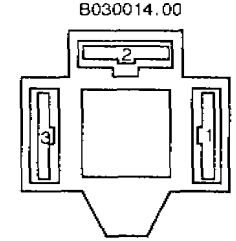


FIGURE 6

B030014.00



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CONNECTOR VIEWS

FIGURE 1

B060017.00

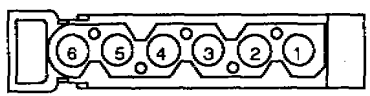


FIGURE 2

B030004.00



FIGURE 3

B030013.00

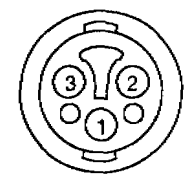


FIGURE 4

B030005.00

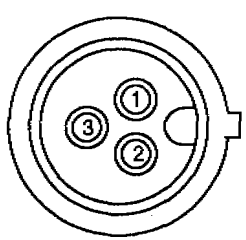


FIGURE 5

B030012.00

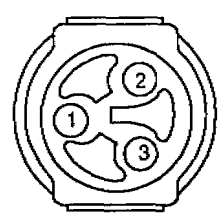
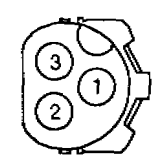


FIGURE 6

B030006.00



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CONNECTOR VIEWS

FIGURE 1

B060004.00

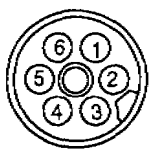


FIGURE 2

B050005.00

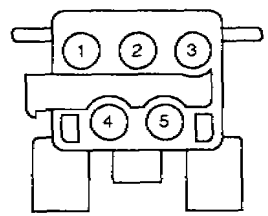


FIGURE 3

B0300010.00

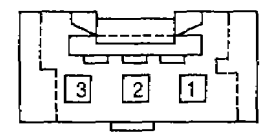


FIGURE 4

B060002.00

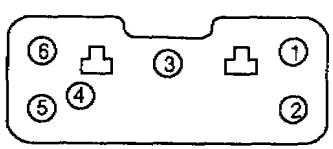


FIGURE 5

B030003.04

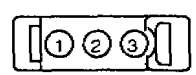
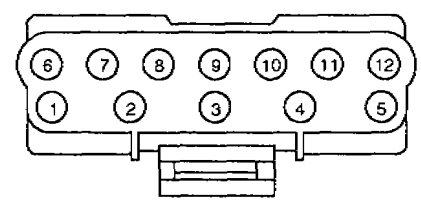


FIGURE 6

B120006.00



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CONNECTOR VIEWS

FIGURE 1

B060006.00

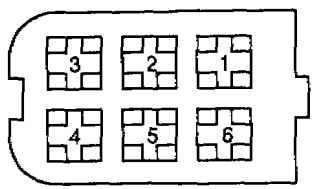


FIGURE 2

B050003.00

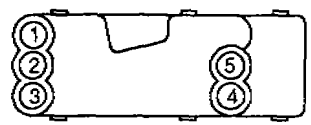


FIGURE 3

B040004.00

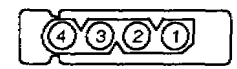


FIGURE 4

B060020.00

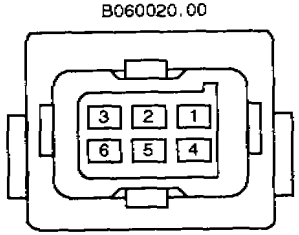


FIGURE 5

B040002.00

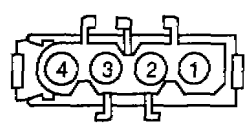
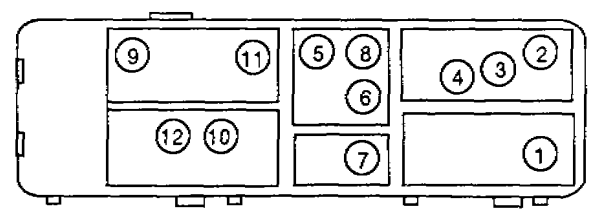


FIGURE 6

B120008.00



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CONNECTOR VIEWS

FIGURE 1

B100002.00

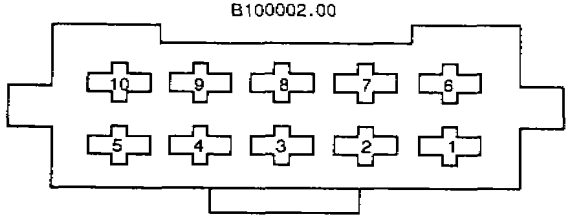


FIGURE 2

B120009.00

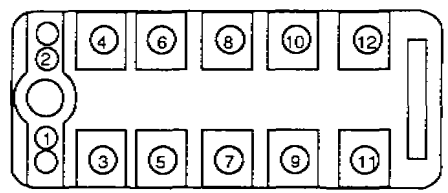


FIGURE 3

B080006.00

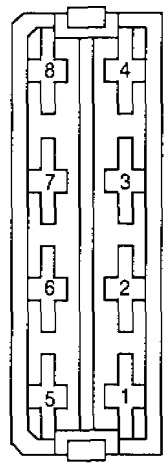


FIGURE 4

B060013.00

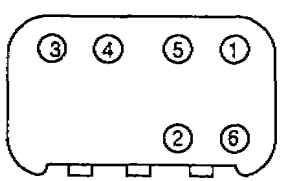


FIGURE 5

B030009.00

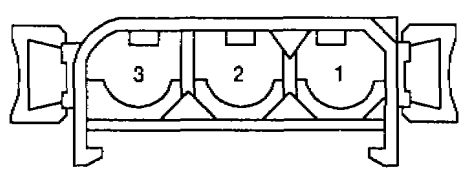
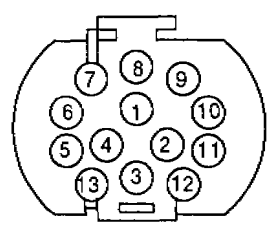


FIGURE 6

B130002.00



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CONNECTOR VIEWS

FIGURE 1

B210002.00

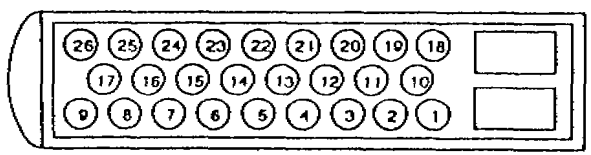


FIGURE 2

B120011.00

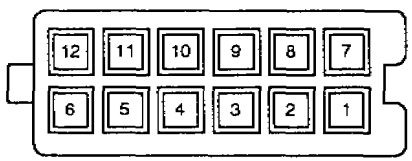


FIGURE 3

B120011.00

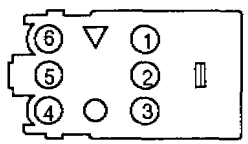


FIGURE 4

B200001.00

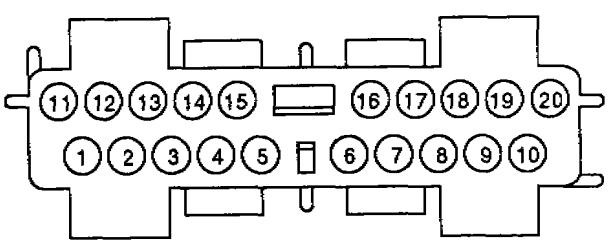


FIGURE 5

B120005.00

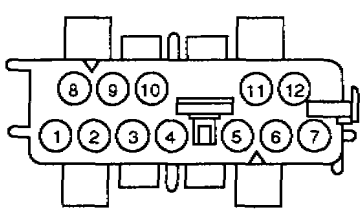
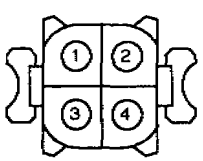


FIGURE 6



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CONNECTOR VIEWS

FIGURE 1

B060007.00

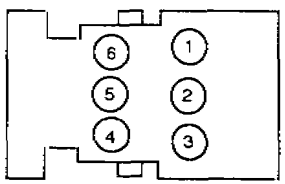


FIGURE 2

B060023.00

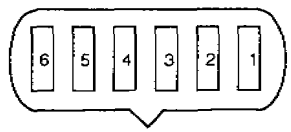


FIGURE 3

B060016.00

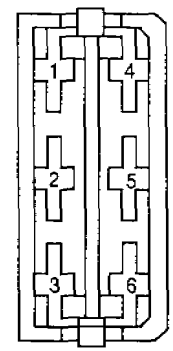


FIGURE 4

B060009.00

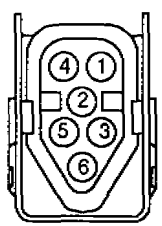


FIGURE 5

B080010.00

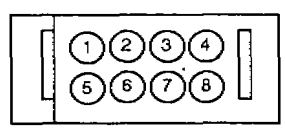
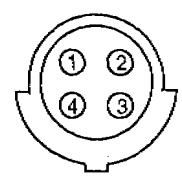


FIGURE 6

B0400011.00



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CONNECTOR VIEWS

FIGURE 1

B080009.00

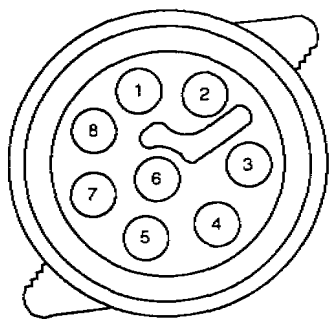


FIGURE 2

B060011.00

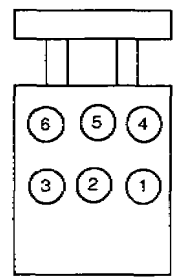


FIGURE 3

B030016.00

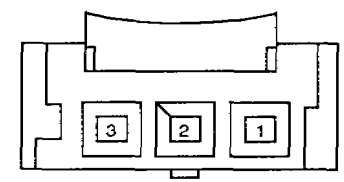


FIGURE 4

B060010.01

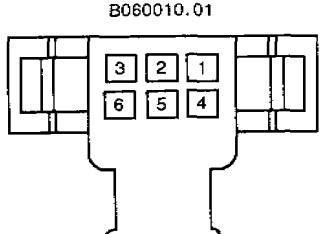


FIGURE 5

B040013

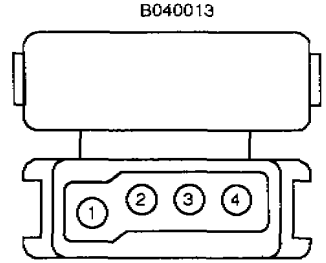
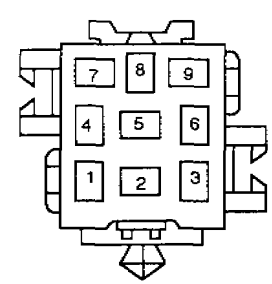


FIGURE 6

B090002.00

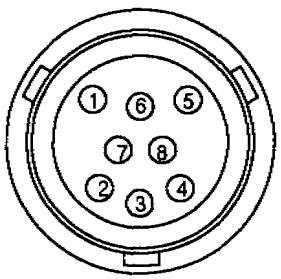


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Connector Views

J241

B080005.00



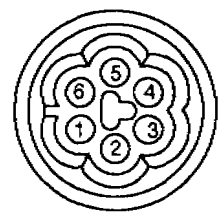
J242

B050006.00



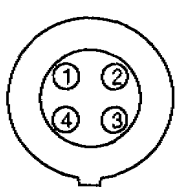
J243

B060014.00



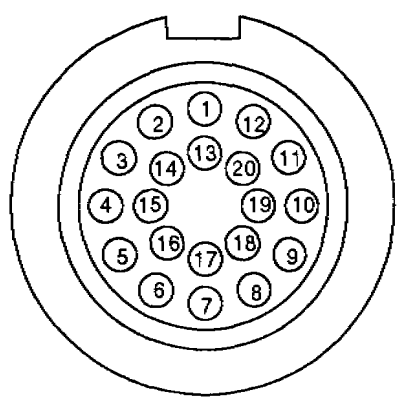
J244

B040006.00



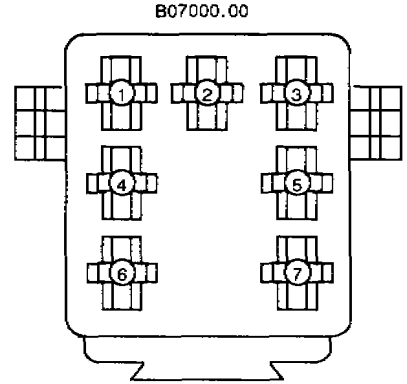
J245

B200003.00



J246

B07000.00

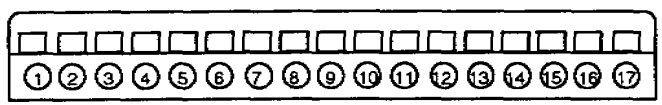


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Connector Views

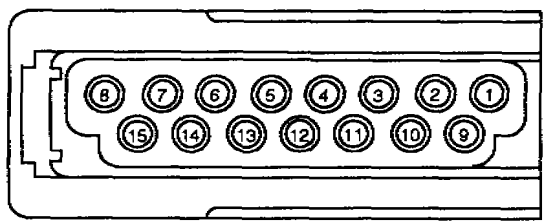
J241

B170000.00

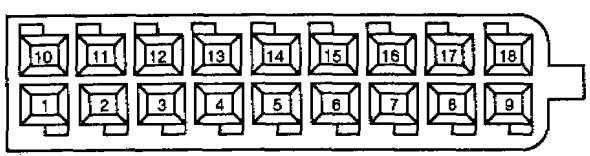


J242

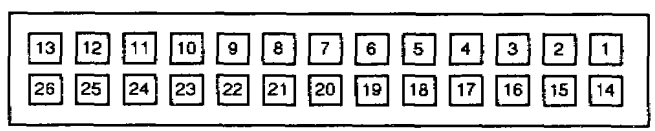
B150003.00



J243



J244



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CONNECTOR VIEWS

FIGURE 1

B260003.00

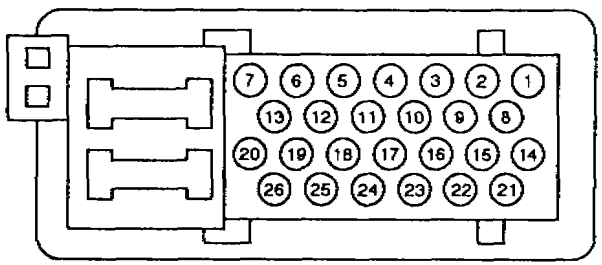


FIGURE 2

B070001.00

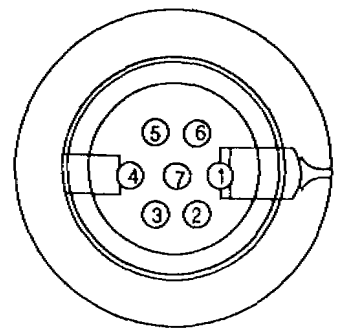


FIGURE 3

B100006.00

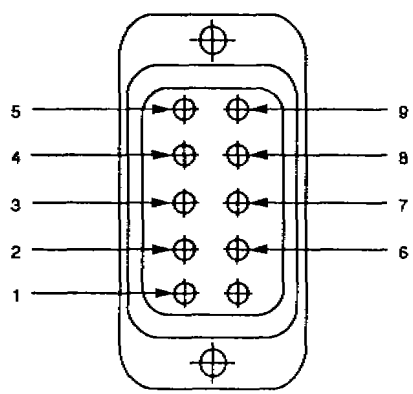
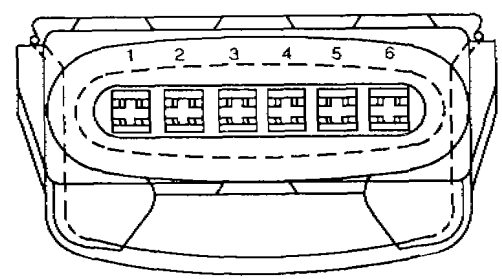


FIGURE 4

B060030.00



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