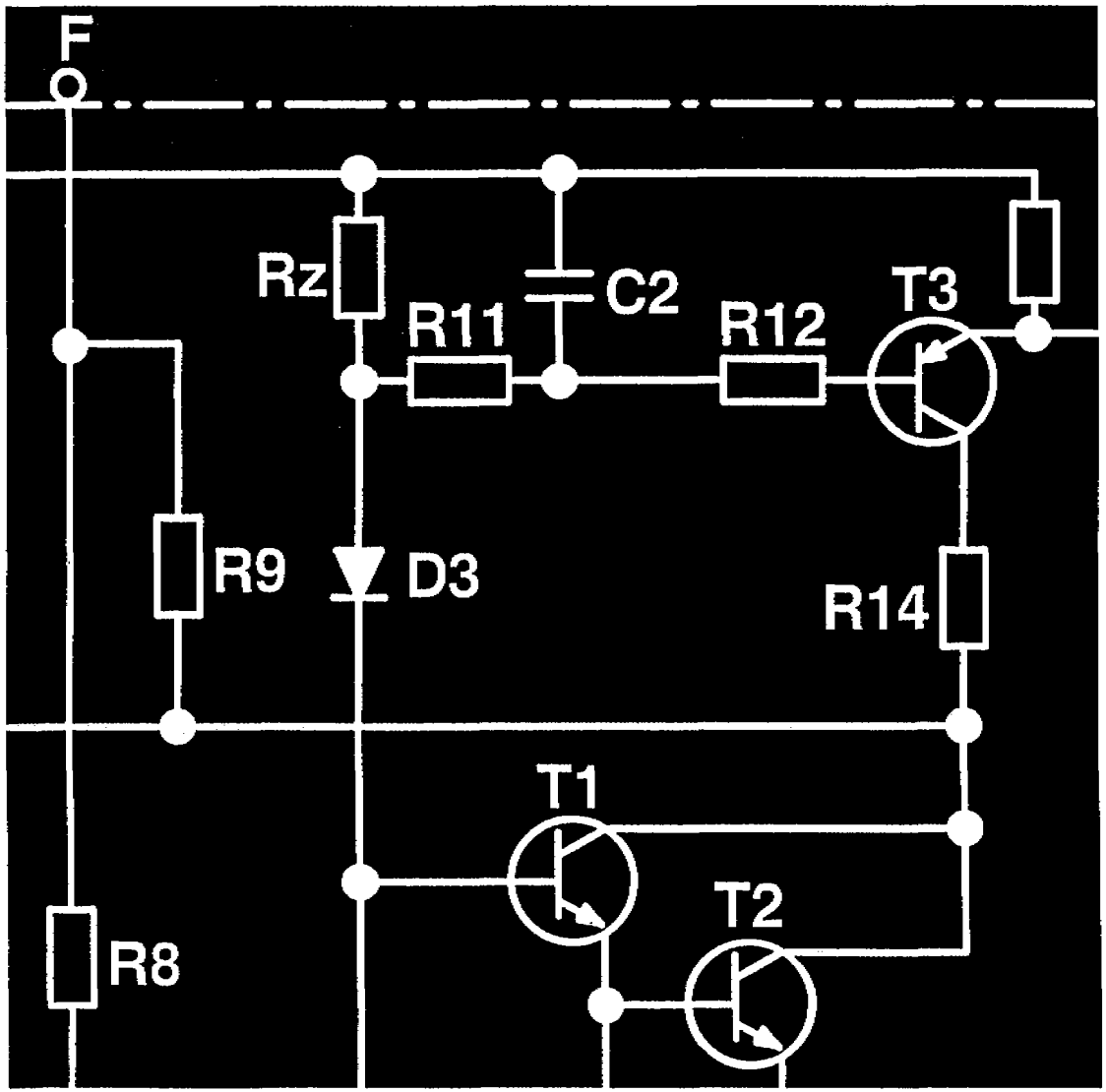


1991
BMW 525i, 535i, M5 (E34)
Electrical
Troubleshooting
Manual
Vehicles Produced 9/90 to 07/91

CONTENTS

Index 0100.0-00
Introduction 0110.0-00
Symbols 0140.0-00
Power Distribution Chart 0670.0-00
Fuse Chart 0670.1-00
Power Distribution 0670.2-00
Ground Distribution 0670.4-00
Component Location Chart 7000.0-00
Component Location Views 7100.0-00
Splice Location Views 8000.0-00
Connector Views Chart 8400.0-00
Connector Views 8500.0-00

Back to Start Page

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INDEX

AIR MASS METER 1210.4-04
AIR MASS METER 1210.7-05
AIRBAG 3234.0-00
ALTERNATOR 1230.0-00
ANTILOCK BRAKE SYSTEM (ABS) 3450.0-00
ANTITHEFT HORN 6581.0-01
ANTITHEFT SYSTEM (ALPINE) 6575.2-00
AUTOMATIC STABILITY CONTROL 3450.1-00
AUXILIARY FAN 6454.0-00
AUXILIARY RELAY BOX 0670.0-02
BACK UP LIGHTS 6322.0-01
BRAKE LIGHTS 6325.0-00
BRAKE LINING WARNING 6200.0-01
BRAKE PAD SENSOR FRONT 6200.0-01
BRAKE PAD SENSOR REAR 6200.0-01
CELLULAR TELEPHONE PROVISIONS 6561.0-00
CENTRAL BODY ELECTRONICS (ZKE) 6100.0-00
CENTRAL LOCKING SYSTEM WITH ZKE 5126.0-00
CHARGING REGULATION 1230.0-00
CHIME MODULE 6581.0-03
CHECK CONTROL 6200.0-12
CLIMATE CONTROL SYSTEM (IHKR2) 6450.3-00
COMPONENT LOCATION CHART 7000.0-00
COMPONENT LOCATION VIEWS 7100.0-00
CONNECTOR VIEWS 8500.0-00
CRASH CONTROL UNIT 6350.0-01
CRUISE CONTROL (TEMPOMAT) 6571.0-00
CRUISE CONTROL WITH EML 1270.0-03
DIAGNOSTIC LINK RXD 0670.5-03
DIAGNOSTIC LINK TXD 0670.5-01
DIGITAL ENGINE ELECTRONICS (DME 1.3 6-CYLINDER M30 WITH EML) 1210.1-00
DIGITAL ENGINE ELECTRONICS (DME 1.3 6-CYLINDER M30) 1210.2-00
DIGITAL ENGINE ELECTRONICS (DME 1.2 6-CYLINDER S38) M5 ..... 1210.4-00
DIGITAL ENGINE ELECTRONICS (DME 3.1 6-CYLINDER M50) 1210.7-00
DOOR HANDLE SWITCH 5120.0-00
DOOR JAMB SWITCH 5120.0-00
E-BOX FAN 1290.0-00
ELECTRONIC THROTTLE CONTROL (EML, 6-CYLINDER) 1270.0-00
ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22) 2460.0-00
ELECTRONIC TRANSMISSION CONROL (EGS A4S310R) 2460.2-00
ENGINE INTAKE AIR TEMPERATURE SENSOR 1210.1-01
ENGINE SPEED SENSOR 1210.7-04
FRONT POWER DISTRIBUTION BOX 0670.2-00
FRONT SENSOR (AIRBAG) 3234.0-01
FUSE CHART 0670.1-00
FUSE DETAILS 0670.3-00
FUEL ECONOMY GAUGE 6200.0-06
FUEL GAUGE 6200.0-08
FUEL PUMP (DME 1.3, 6-CYLINDER M30) 1210.1-06
FUEL PUMP (DME M1.3 6-CYLINDER) 1210.2-06
FUEL PUMP (DME 1.2 6-CYLINDER) 1210.4-04
FUEL PUMP (DME 1.3 6-CYLINDER) 1210.7-02
FUEL TANK SENSOR 6200.0-09
GEAR SELECTOR SWITCH (EGS 4HP-22) 2360.0-03
GEAR SELECTOR SWITCH (EGS A42 3DR) 2460.2-04
GENERAL MODULE 6100.0-00
GLOVE BOX SWITCH 6332.0-00
GROUND DISTRIBUTION 0670.4-00
HAZARD LIGHTS 6313.0-02
HEADLIGHT WASHER 6167.0-03
HORN 6133.0-00
HYDRAULIC UNIT 3450.0-01
IDLE SPEED ACTUATOR (DME 1.3, 6-CYLINDER) 1210.7-01
IHKR2 AIR SUPPLY 6450.3-04
IHKR2 COMPRESSOR CONTROL 6450.3-05
IHKR2 POWER SUPPLY 6450.3-00
IHKR2 TEMPERATURE CONTROL 6450.3-03
IHKR2 AUXILIARY WATER PUMP 6450.3-09

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INDEX

IHKR2 WATER VALVES 6450.3-01
INDICATORS
-ABS 6200.0-02
-AIRBAG 6200.0-00
-ASC 6200.0-00
-BRAKE FLUID LEVEL 6200.0-01
-BRAKE WARNING 6200.0-01
-CHARGE LIGHT 6200.0-00
-CHECK ENGINE 6200.0-00
-EML 6200.0-02
-FOG LIGHT 6200.0-03
-FUEL RESERVE INDICATOR 6200.0-08
-HAZARD LIGHT 6200.0-03
-HIGH BEAM 6200.0-03
-OIL PRESSURE 6200.0-02
-PARK BRAKE 6200.0-00
-TURN SIGNAL INDICATOR 6200.0-03
INSTRUMENT CLUSTER 6200.0-00
INTERIOR LIGHT-ZKE 6330.0-00
INTERVAL WIPE 6160.0-00
INTRODUCTION 0110.0-00
KICK-DOWN SWITCH (EGS 4HP-22) 2460.0-05
KICK-DOWN-SWITCH (EGS A4S 310R) 2460.2-05
LICENSE LIGHTS 6320.0-00
ON-BOARD COMPUTER 6581.0-00
POWER DISTRIBUTION 0670.2-00
POWER MIRRORS 6116.0-00
POWER SEATS 5200.0-00
POWER WINDOWS 5133.0-00
RADIO 6510.1-00
REAR POWER DISTRIBUTION BOX 0670.2-07
REAR WINDOW DEFOGGER 6424.0-01
RELAY MODULE 6100.0-04
SEAT HEATING 5203.0-00
SHIFT LOCK (EGS 4HP-22) 2460.0-06
SHIFT LOCK (EGS A4S 310R) 2460.2-06
SPEED CONTROL (TEMPOMAT) 6571.0-00
SPEED SIGNAL 6200.0-07
SPEEDOMETER 6200.0-06
SPLICE LOCATION CHART 8000.0-00
STARTER 1240.0-00
STEERING POWER ASSIST (SERVOTRONIC) 3240.0-00
SUNROOF 5410.0-00
SYMBOLS 0140.0-00
TACHOMETER 6200.0-05
TELEPHONE 6561.0-00
TEMPERATURE GAUGE 6200.0-05
TEMPERATURE SENSOR 6200.0-05
THROTTLE SWITCH 1210.2-01
TRANSMISSION GEAR SHIFT UNIT 2460.0-04
TRUNK LIGHT 6320.0-01
TURN SIGNAL 6313.0-00
WASHER PUMP 6160.0-02
WINDSHIELD WASHER JEAT HEATERS 6169.0-00
WIPER MOTOR 6160.0-01
ZKE 6100.0-00

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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 enhance the clarity of the schematics, all connectors and splices between fuses and components as well as between grounds and components have been omitted. If this information should be required, it may be referenced in cells **0670.3 Fuse Details** and **0670.4 Ground Distribution**.

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

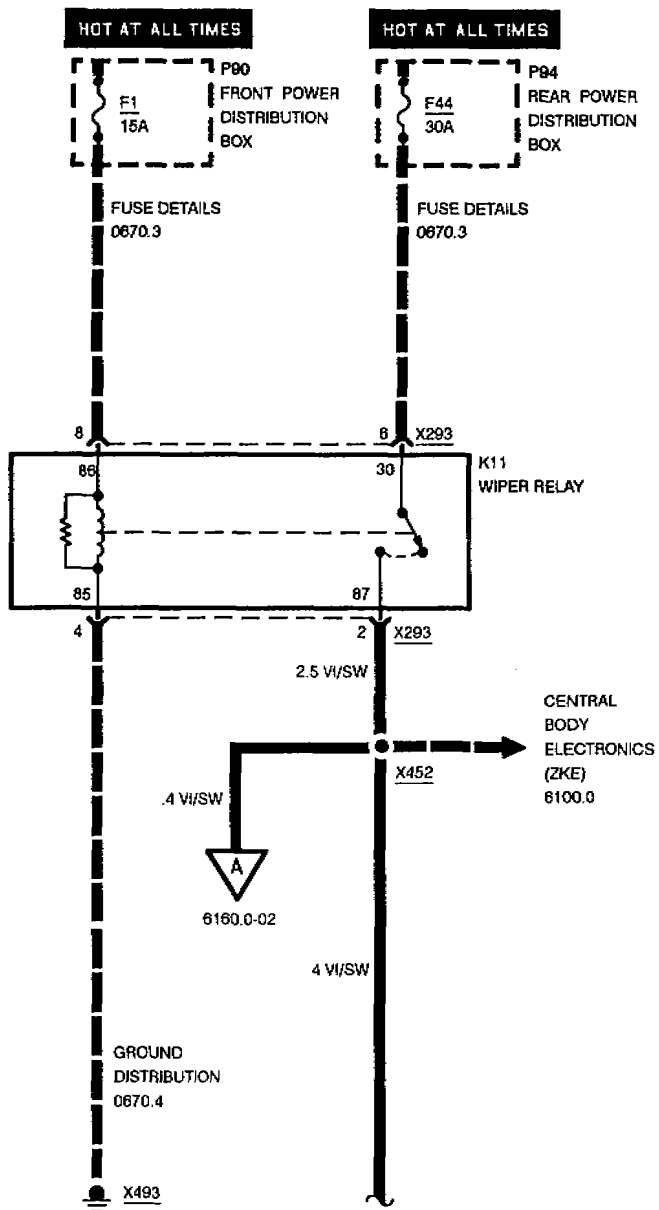
In cell **7000.0 Component Location Chart** all important connectors, ground points and components are listed in tabular form. It provides a precise description of the component locations in the vehicle.

In cell **7100.0 Component Location Views** the locations of the connectors and components which are difficult to locate are shown in photographs. In cell **8500.0 Connector Views** diagrams of all connectors with more than three pins are illustrated.

Included in this ETM are foldout block diagrams. These are overviews of the entire system (EGS, ABS, AC etc.) which helps understand the relationships between various components and control unit of the system being diagnosed.

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 to connector X293.

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

6. The dashed line with an arrow at splice X452 indicates that several wires lead to splice X452. All lines leading to the connection are illustrated in cell 6100.0 Central Body Electronics (ZKE). An interrupted line with an 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 splice X452 with an A in the open arrow is continued on page 6160.0-02. Termination of wire 4 VI/SW from splice X452 with a wavy line indicates that the wire is continued on the opposite page.

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SYMBOLS


BATTERY


FUSE DETAILS


FUSIBLE LINK


CIRCUIT BREAKER


THERMO SWITCH


LIGHT


HEATING ELEMENT


LOUDSPEAKER OR HORN

SOLENOID


SOLENOID CONTROLLED VALVE
OR CLUTCH SOLENOID


PERMANENT MAGNET MOTOR
ONE SPEED

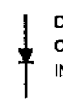

PERMANENT MAGNET MOTOR
TWO SPEEDS


VARIABLE RESISTANCE
SENSOR
VARIABLE CONTACT IS
MOVED BY AN EXTERNAL
FORCE


VARIABLE RESISTOR
RESISTANCE IS CHANGED
BY TEMPERATURE OR
PRESSURE

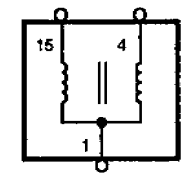


INDUCTIVE SENSOR


DIODE
CURRENT CAN FLOW ONLY
IN DIRECTION OF ARROW


ZENER DIODE
TO REGULATE VOLTAGE

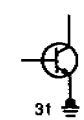

LIGHT EMITTING DIODE



IGNITION COIL

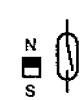

CONTROL/POWER ELECTRONICS


RADIO



TRANSISTORIZED SWITCH

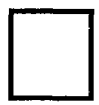

OXYGEN SENSOR



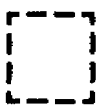
VEHICLE SPEED SENSOR

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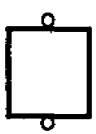
SYMBOLS



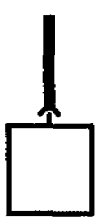
ENTIRE COMPONENT SHOWN



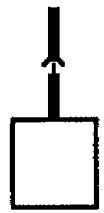
PART OF COMPONENT SHOWN



COMPONENT WITH SCREW TERMINALS



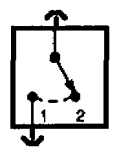
CONNECTOR ATTACHED TO COMPONENT



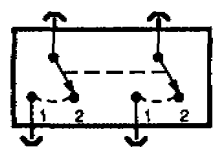
CONNECTOR ATTACHED TO COMPONENT LEAD (PIGTAIL)



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



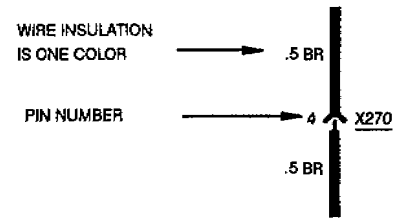
ONE POLE, *TWO POSITION* SWITCH

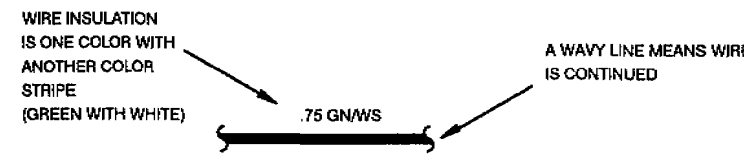


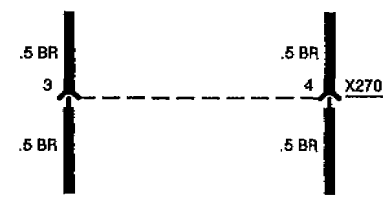
SWITCHES THAT MOVE TOGETHER

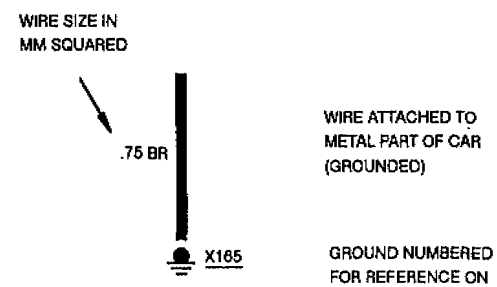
DASHED LINE SHOWS A MECHANICAL CONNECTION BETWEEN SWITCHES

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

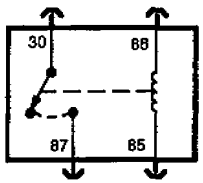




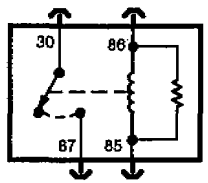




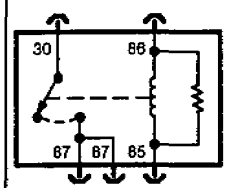
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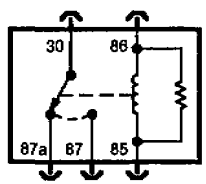
CONTACT RELAY



RELAY WITH RESISTOR ACROSS WINDING

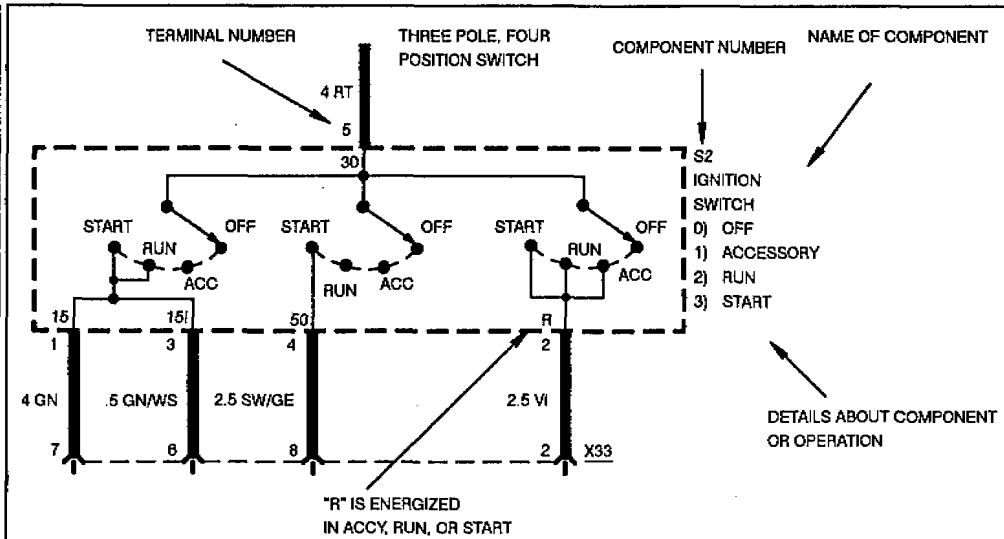


CONTACT RELAY WITH TWO OUTPUTS

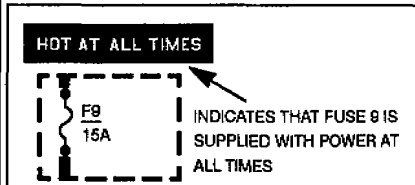


CHANGEOVER RELAY WITH TWO OUTPUTS

TERMINAL NUMBER	DESCRIPTION
30	RELAY INPUT
85	RELAY OUTPUT (WINDING)
86	RELAY INPUT (WINDING)
87	RELAY OUTPUT (ENERGIZED)
87a	RELAY OUTPUT (AT REST)



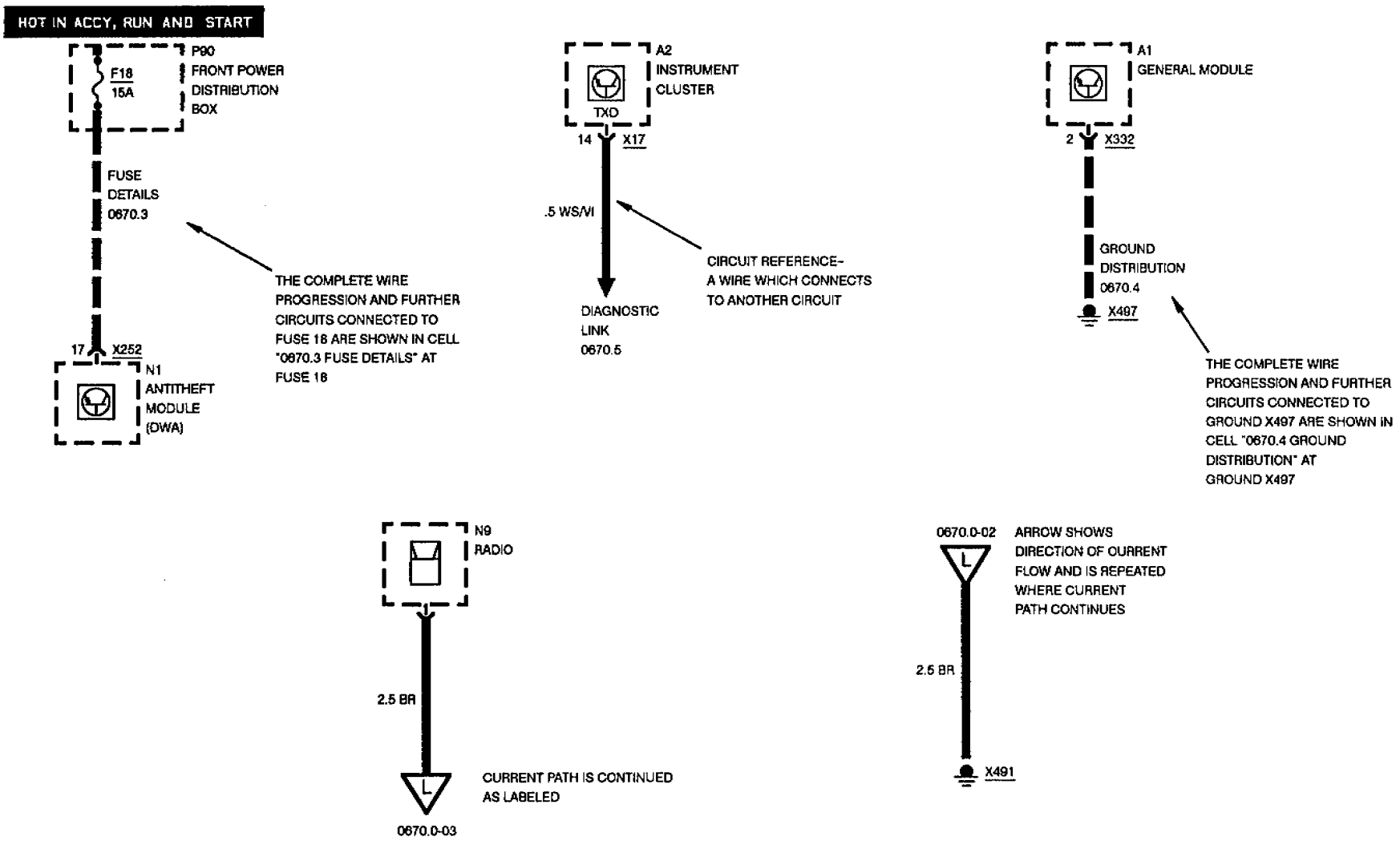
TERMINAL NUMBER	DESCRIPTION	TERMINAL NUMBER	DESCRIPTION
50	VOLTAGE: IGNITION SWITCH IN START	15I	VOLTAGE: IGNITION SWITCH IN RUN
30	VOLTAGE: SUPPLIED AT ALL TIMES	R	VOLTAGE: IGNITION SWITCH IN ACCESSORY, RUN OR START
15	VOLTAGE: IGNITION SWITCH IN RUN OR START	31	GROUND



POWER STATUS	DESCRIPTION
HOT AT ALL TIMES	VOLTAGE: SUPPLIED AT ALL TIMES
HOT IN RUN AND START	VOLTAGE: IGNITION SWITCH IN RUN OR START
HOT IN ACCY, RUN AND START	VOLTAGE: IGNITION SWITCH IN ACCESSORY, RUN OR START

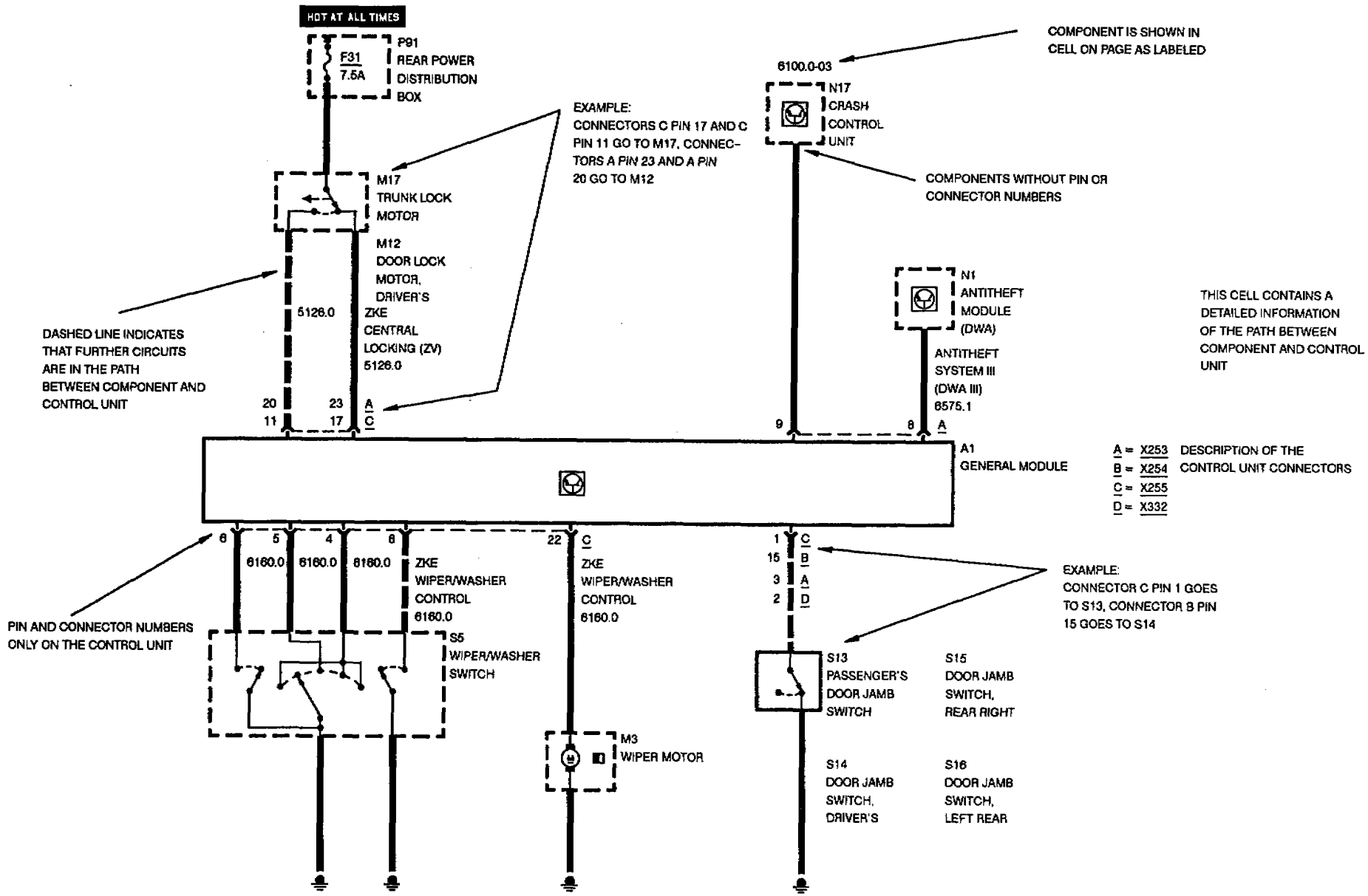
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SYMBOLS



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SYMBOLS
BLOCK DIAGRAM

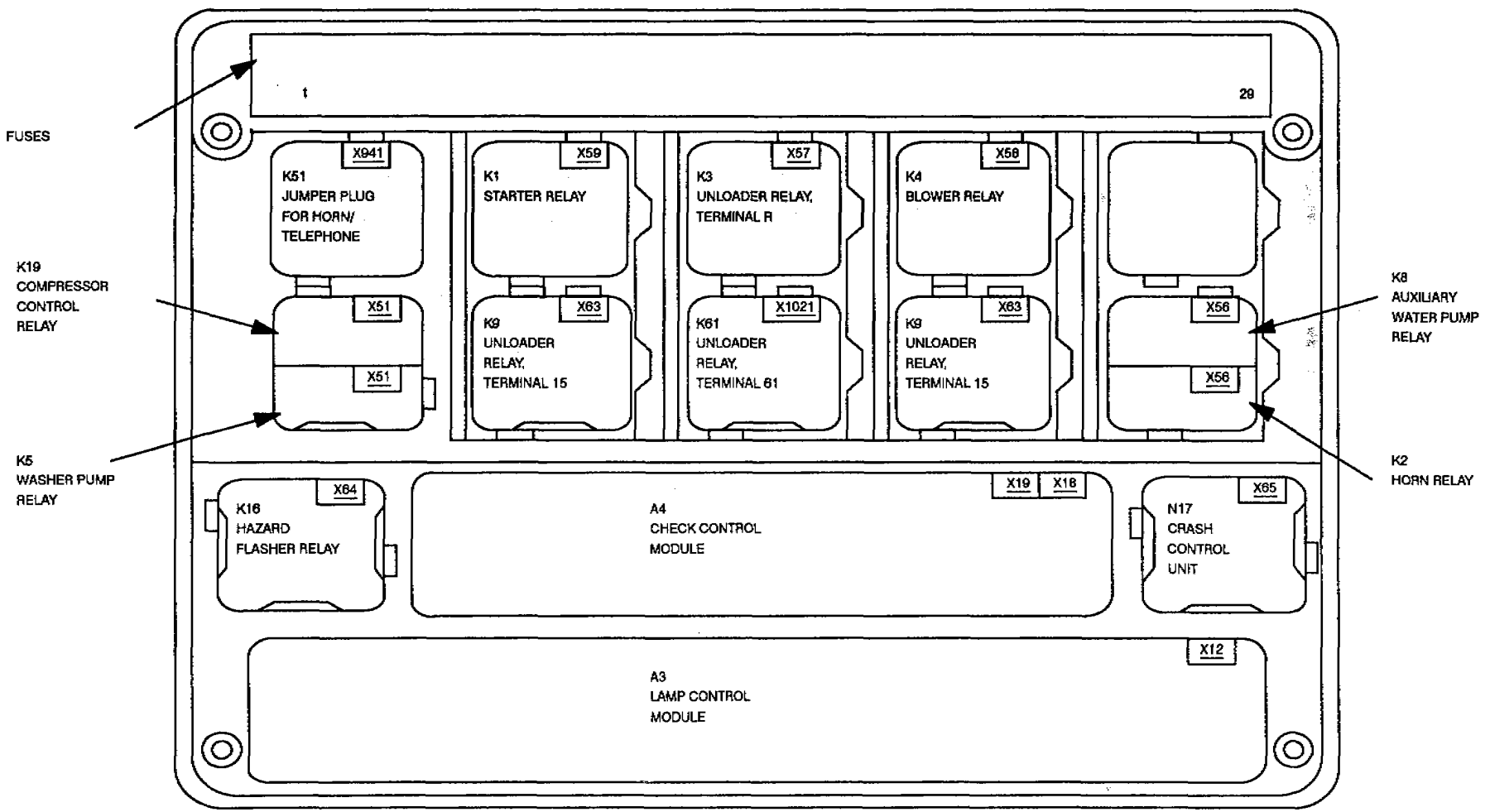


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POWER DISTRIBUTION CHART

FRONT POWER DISTRIBUTION BOX

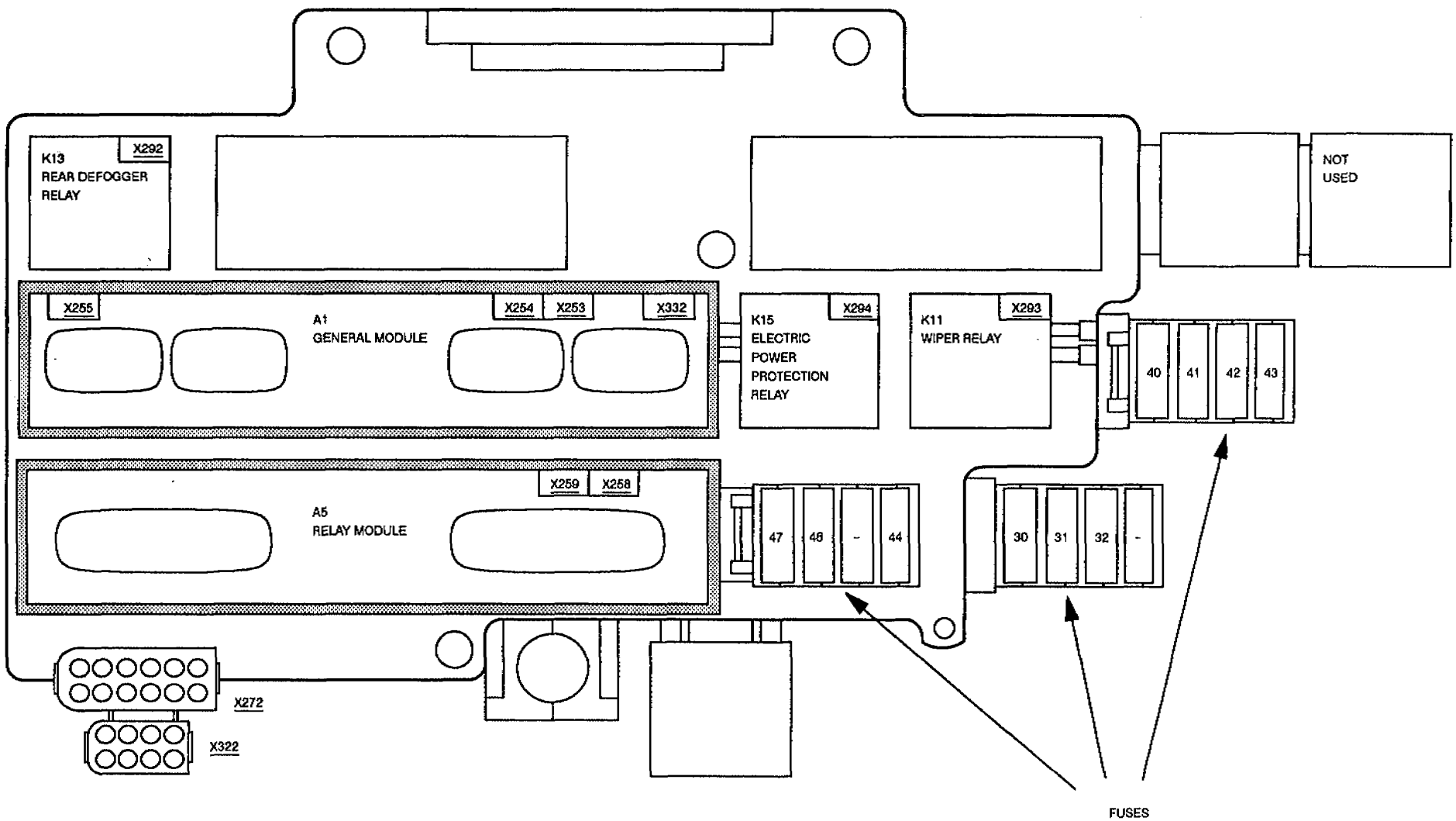
ZKE



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POWER DISTRIBUTION CHART

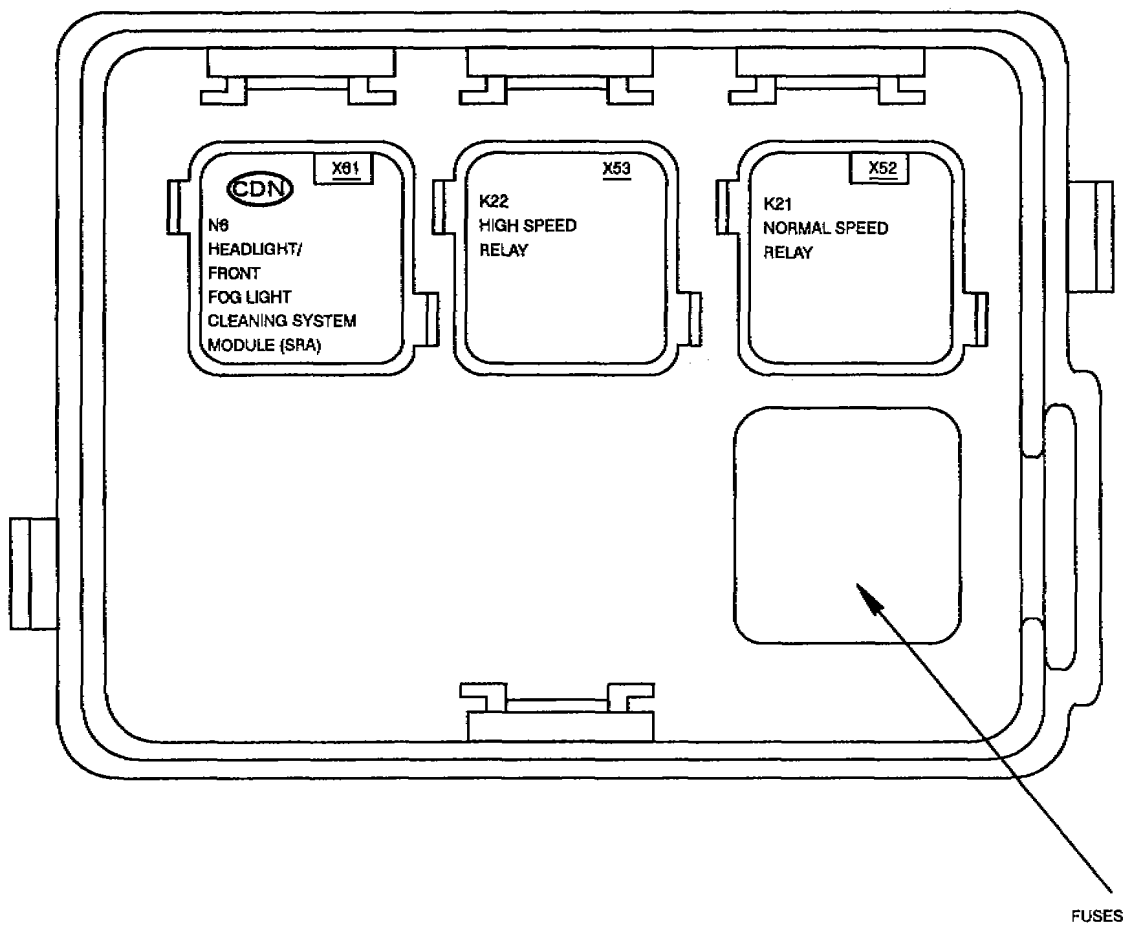
REAR POWER DISTRIBUTION BOX WITH ZKE



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POWER DISTRIBUTION CHART

FRONT POWER DISTRIBUTION BOX, AUXILIARY RELAY BOX



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FUSE CHART

		FUSE NUMBER																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
		15A	7.5A	7.5A	7.5A	10A	15A	15A		15A	7.5A	7.5A	15A	7.5A	7.5A	7.5A	30A	7.5A	15A	30A	10A	10A	30A	15A	10A	30A	30A	7.5A	15A	7.5A
1210.1	DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)																	●						●						
1210.2	DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)																	●						●						
1210.4	DIGITAL ENGINE ELECTRONICS (DME M1.2, 6-CYLINDER S38)																							●						
1210.7	DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)																							●						
1240.0	START																	●												
1270.0	ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)	●																●			●									
1290.0	E-BOX FAN																	●											●	
2460.0	ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22/24)																	●												
2460.2	ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)																	●												
3240.0	POWER ASSIST STEERING (SERVOTRONIC)																												●	
3450.0	ANTILOCK BRAKE SYSTEM (ABS)	●																●												
3450.1	AUTOMATIC STABILITY CONTROL (ASC)	●																●												●
5116.0	POWER MIRRORS												●																	
5120.0	ZKE DOOR LOCK HEATING (TSH)																	●												
5126.0	ZKE CENTRAL LOCKING (ZV)																													
5133.0	ZKE POWER WINDOWS (FH)																	●												
5200.0	POWER SEATS																													
5200.1	MEMORY SEATS/ MIRRORS (SM/SPM)												●				●		●											
5203.0	HEATED SEATS																●													

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FUSE CHART

		FUSE NUMBER																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
		15A	7.5A	7.5A	7.5A	10A	15A	15A		15A	7.5A	7.5A	15A	7.5A	7.5A	7.5A	30A	7.5A	15A	30A	10A	10A	30A	15A	10A	30A	30A	7.5A	15A	7.5A
5410.0	ZKE SUNROOF (SHD)																	●												
6100.0	CENTRAL BODY ELECTRONICS (ZKE)			●	●	●												●							●					
6133.0	HORN									●																				
6160.0	ZKE WIPER/WASHER CONTROL	●																							●					
6167.0	ZKE HEADLIGHT WASHER (SRA)			●	●	●												●					●		●					
6169.0	WINDSHIELD WASHER JET HEATERS												●																	
6200.0	INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)	●																●			●									●
6300.0	LIGHT SWITCH DETAILS		●	●	●	●																								
6301.0	LAMP MONITOR (LKM)	●	●	●	●	●		●			●	●		●	●	●														
6312.0	HEADLIGHTS/ FOG LIGHTS		●	●		●		●			●	●																		
6313.0	TURN/HAZARD LIGHTS		●	●			●																							
6314.0	PARK/TAIL/ UNDERHOOD LIGHTS				●	●										●					●									
6320.0	LICENSE PLATE/ LUGGAGE COMPARTMENT LIGHTS																					●								
6322.0	BACK UP LIGHTS												●																	
6325.0	BRAKE LIGHTS	●														●														
6330.0	ZKE INTERIOR LIGHTS CONTROL (IB)					●												●												
6332.0	GLOVE BOX LIGHT/CIGAR LIGHTER/ CHARGING SOCKET					●													●			●					●			
6350.0	CRASH CONTROL UNIT		●				●				●	●																		
6412.9	PARK VENTILATION WITH IHKR2																			●	●							●		

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FUSE CHART

		FUSE NUMBER																												
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6424.0	REAR WINDOW DEFOGGER																													
6450.3	INTEGRATED CLIMATE REGULATION 2 (IHKR2)									●										●	●							●		●
6454.0	AUXILIARY FAN																									●				●
6510.0	RADIO/ CD PLAYER (PROVISIONS)																		●											
6561.0	CELLULAR TELEPHONE (PROVISIONS)									●									●											
6571.0	CRUISE CONTROL (TEMPOMAT)	●																●												
6575.2	ANTITHEFT SYSTEM (ALPINE)																		●			●								
6581.0	ON-BOARD COMPUTER (BCIV)	●																●			●									

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FUSE CHART

		FUSE NUMBER																												
		30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54				
		7.5A	7.5A	7.5A								30A	30A	30A	30A	30A		30A	30A											
1210.1	DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)																													
1210.2	DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)																													
1210.4	DIGITAL ENGINE ELECTRONICS (DME M1.2, 6-CYLINDER S38)																													
1210.7	DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)																													
1240.0	START																													
1270.0	ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)																													
1290.0	E-BOX FAN																													
2460.0	ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22/24)																													
2460.2	ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)																													
3240.0	POWER ASSIST STEERING (SERVOTRONIC)																													
3450.0	ANTILOCK BRAKE SYSTEM (ABS)																													
3450.1	AUTOMATIC STABILITY CONTROL (ASC)																													
5116.0	POWER MIRRORS																													
5120.0	ZKE DOOR LOCK HEATING (TSH)	●																												
5126.0	ZKE CENTRAL LOCKING (ZV)	●	●																●											
5133.0	ZKE POWER WINDOWS (FH)	●	●																●											
5200.0	POWER SEATS													●	●															
5200.1	MEMORY SEATS/ MIRRORS (SM/SPM)													●																
5203.0	HEATED SEATS											●	●																	

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FUSE CHART

		FUSE NUMBER																												
		30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54				
		7.5A	7.5A									30A	30A	30A	30A	30A		30A	30A											
5410.0	ZKE SUNROOF (SHD)	●	●																●											
6100.0	CENTRAL BODY ELECTRONICS (ZKE)	●																	●											
6133.0	HORN																													
6160.0	ZKE WIPER/WASHER CONTROL															●														
6167.0	ZKE HEADLIGHT WASHER (SRA)																													
6169.0	WINDSHIELD WASHER JET HEATERS																													
6200.0	INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)																													
6300.0	LIGHT SWITCH DETAILS																													
6301.0	LAMP MONITOR (LKM)																													
6312.0	HEADLIGHTS/ FOG LIGHTS																													
6313.0	TURN/HAZARD LIGHTS																													
6314.0	PARK/TAIL/ UNDERHOOD LIGHTS																													
6320.0	LICENSE PLATE/ LUGGAGE COMPARTMENT LIGHTS																													
6322.0	BACK UP LIGHTS																													
6325.0	BRAKE LIGHTS																													
6330.0	ZKE INTERIOR LIGHTS CONTROL (IB)	●																												
6332.0	GLOVE BOX LIGHT/CIGAR LIGHTER/ CHARGING SOCKET																													
6350.0	CRASH CONTROL UNIT																													
6412.9	PARK VENTILATION WITH IHKR2																													

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FUSE CHART

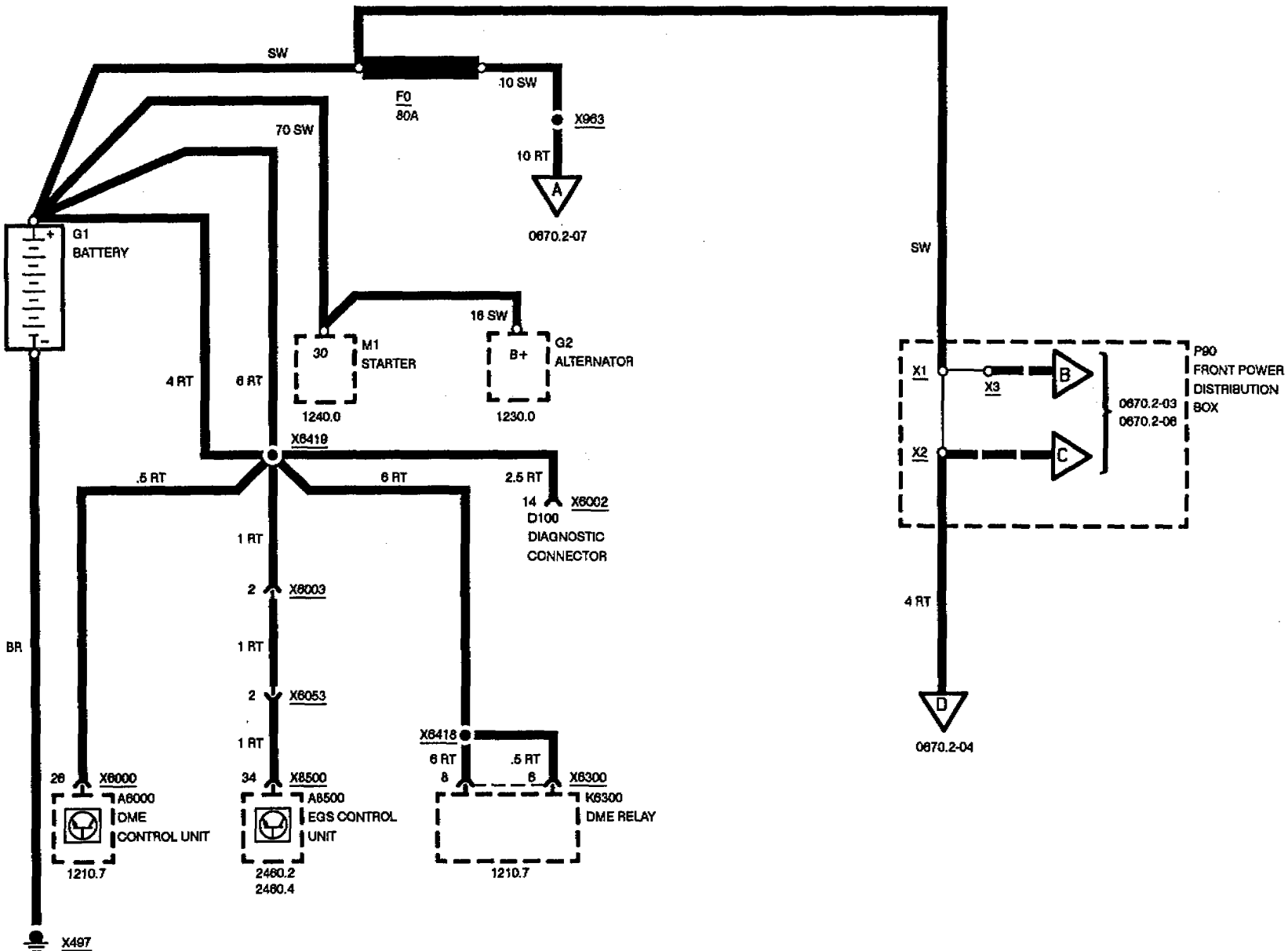
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		30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54					
		7.5A	7.5A									30A	30A	30A	30A	30A		30A	30A												
6424.0	REAR WINDOW DEFOGGER																	●													
6450.3	INTEGRATED CLIMATE REGULATION 2 (IHKR2)																														
6454.0	AUXILIARY FAN																														
6510.0	RADIO/ CD PLAYER (PROVISIONS)												●																		
6561.0	CELLULAR TELEPHONE (PROVISIONS)		●																												
6571.0	CRUISE CONTROL (TEMPOMAT)																														
6575.2	ANTITHEFT SYSTEM (ALPINE)																		●												
6581.0	ON-BOARD COMPUTER (BCIV)																														

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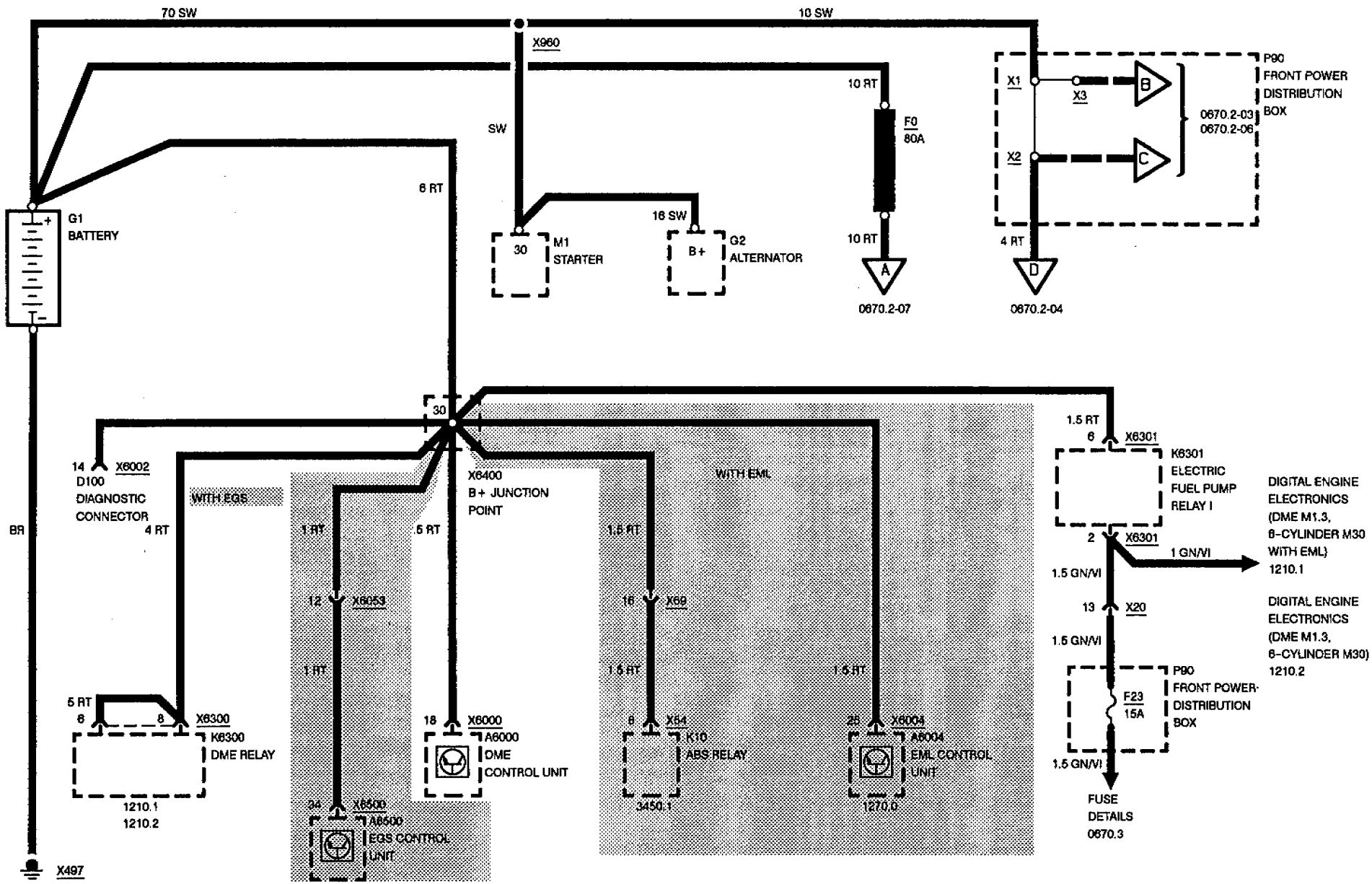
POWER DISTRIBUTION

525i

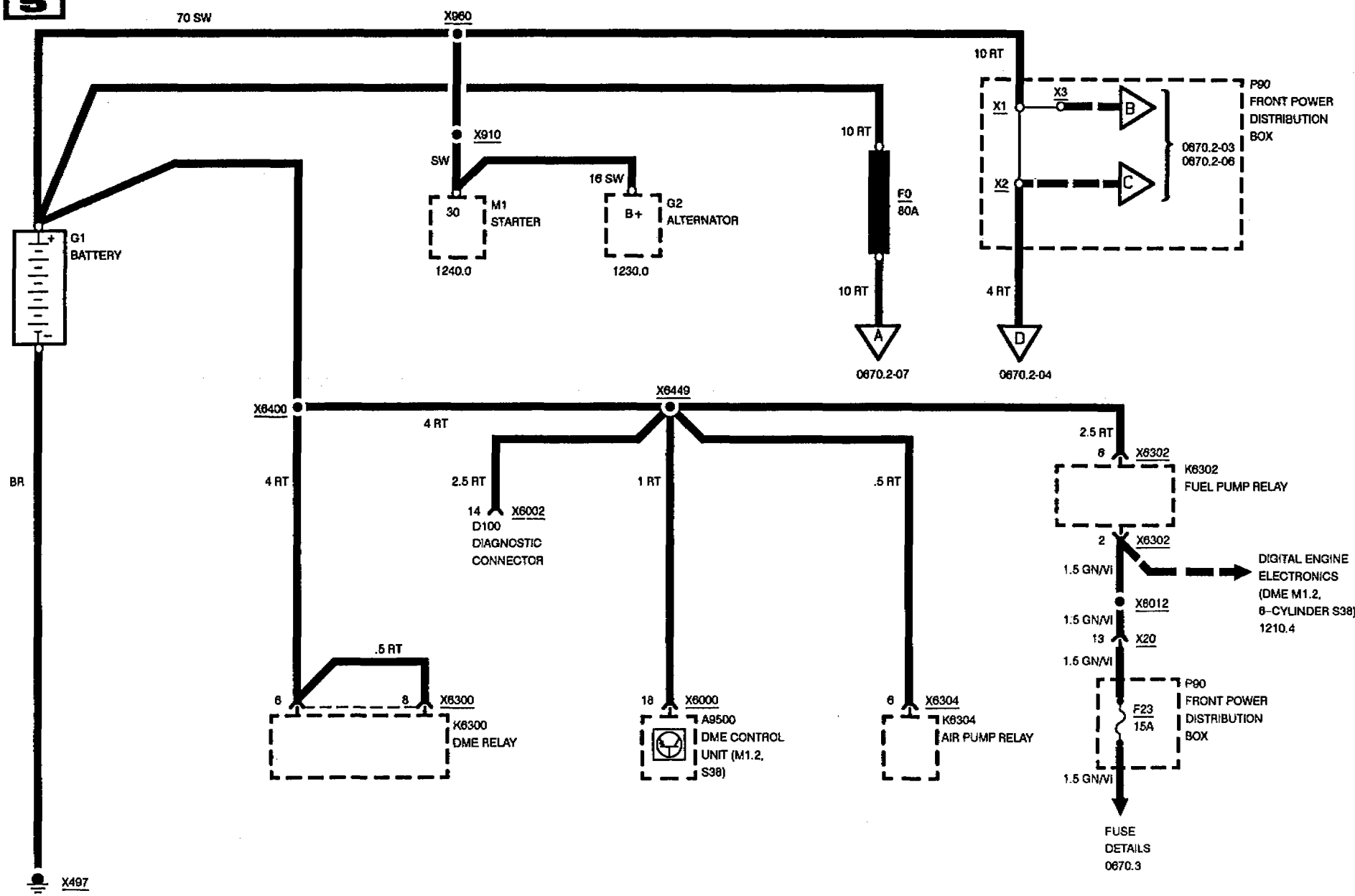
FRONT POWER DISTRIBUTION BOX



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70 SW
10 SW
X960
10 RT
F0
80A
SW
6 RT
16 SW
G1
BATTERY
30
M1
STARTER
B+
G2
ALTERNATOR
10 RT
A
0670.2-07
X1
X3
B
X2
C
P90
FRONT POWER
DISTRIBUTION
BOX
0670.2-03
0670.2-06
4 RT
D
0670.2-04
30
1.5 RT
6
X6301
K6301
ELECTRIC
FUEL PUMP
RELAY I
14
X6002
D100
DIAGNOSTIC
CONNECTOR
4 RT
WITH EGS
X6400
B+ JUNCTION
POINT
WITH EML
BR
1 RT
5 RT
1.5 RT
2
X6301
1 GN/VI
DIGITAL ENGINE
ELECTRONICS
(DME M1.3,
6-CYLINDER M30
WITH EML)
1210.1
1.5 GN/VI
13
X20
1.5 GN/VI
DIGITAL ENGINE
ELECTRONICS
(DME M1.3,
6-CYLINDER M30)
1210.2
12
X6053
16
X69
1 RT
1.5 RT
1.5 RT
5 RT
6
8
X6300
K6300
DME RELAY
1210.1
1210.2
18
X6000
A6000
DME
CONTROL UNIT
8
X54
K10
ABS RELAY
3450.1
25
X6004
A6004
EML CONTROL
UNIT
1270.0
P90
FRONT POWER-
DISTRIBUTION
BOX
F23
15A
1.5 GN/VI
FUSE
DETAILS
0670.3
34
X6500
A6500
EGS CONTROL
UNIT
X497

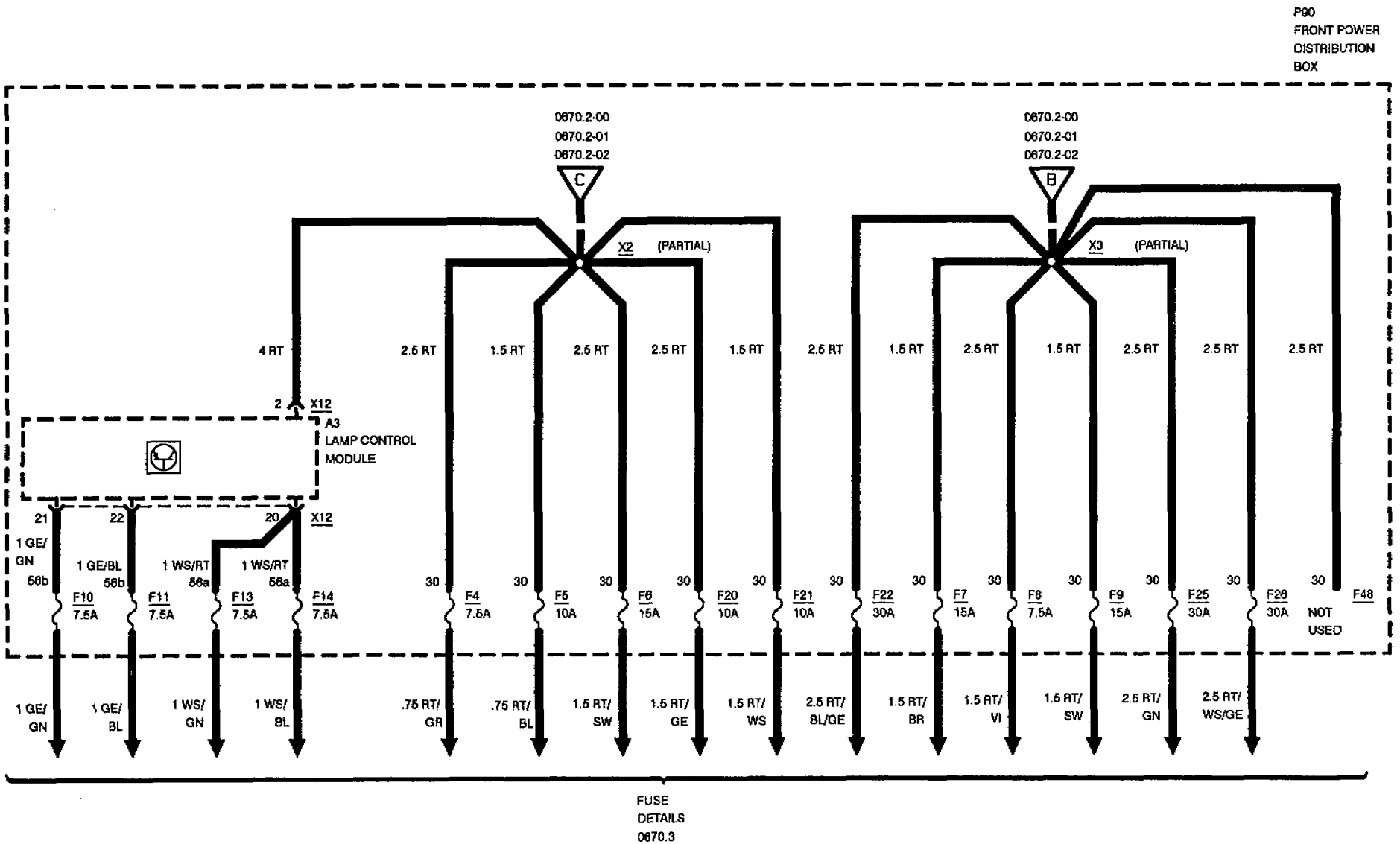
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POWER DISTRIBUTION

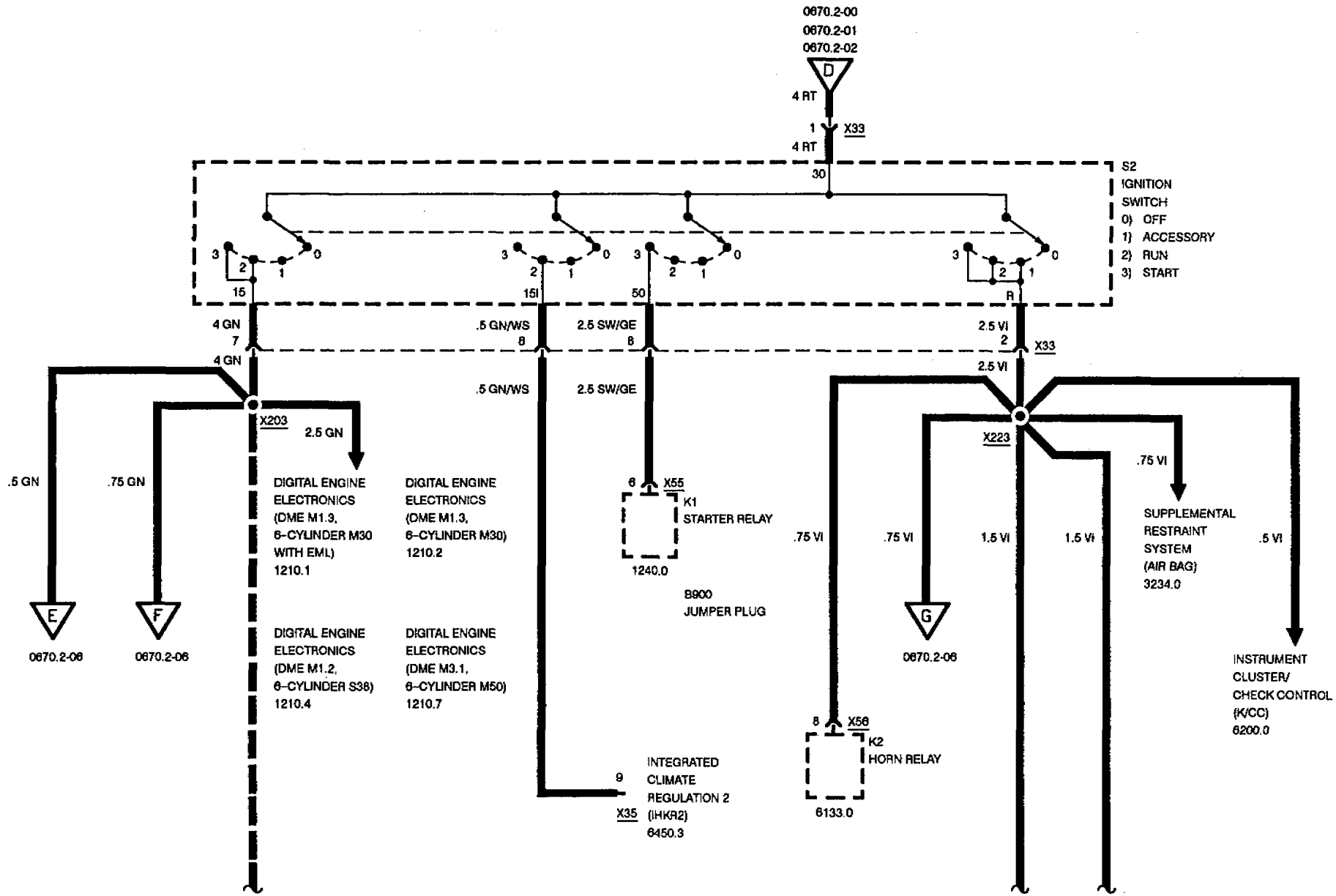
FRONT POWER DISTRIBUTION BOX



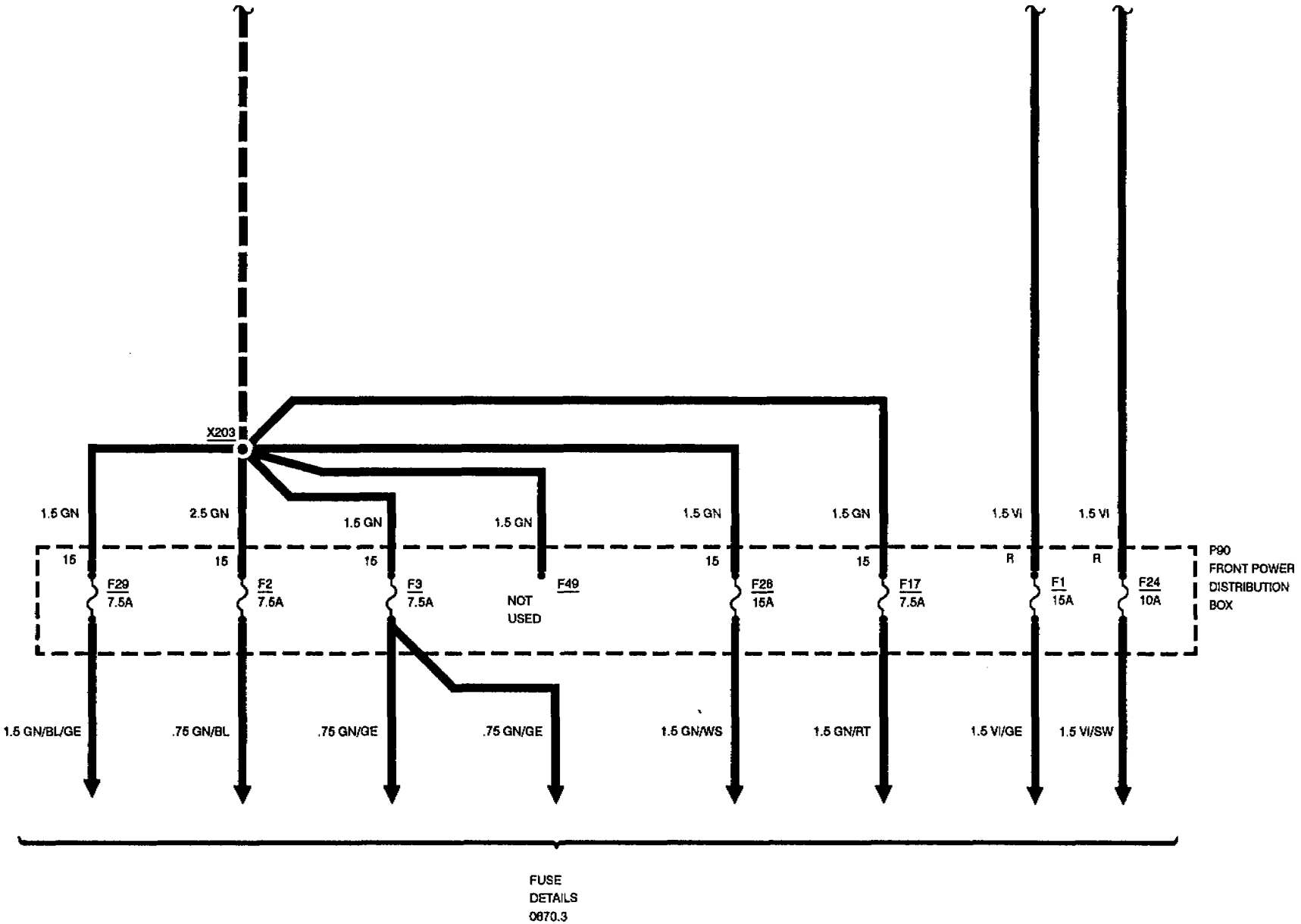
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POWER DISTRIBUTION

FRONT POWER DISTRIBUTION BOX



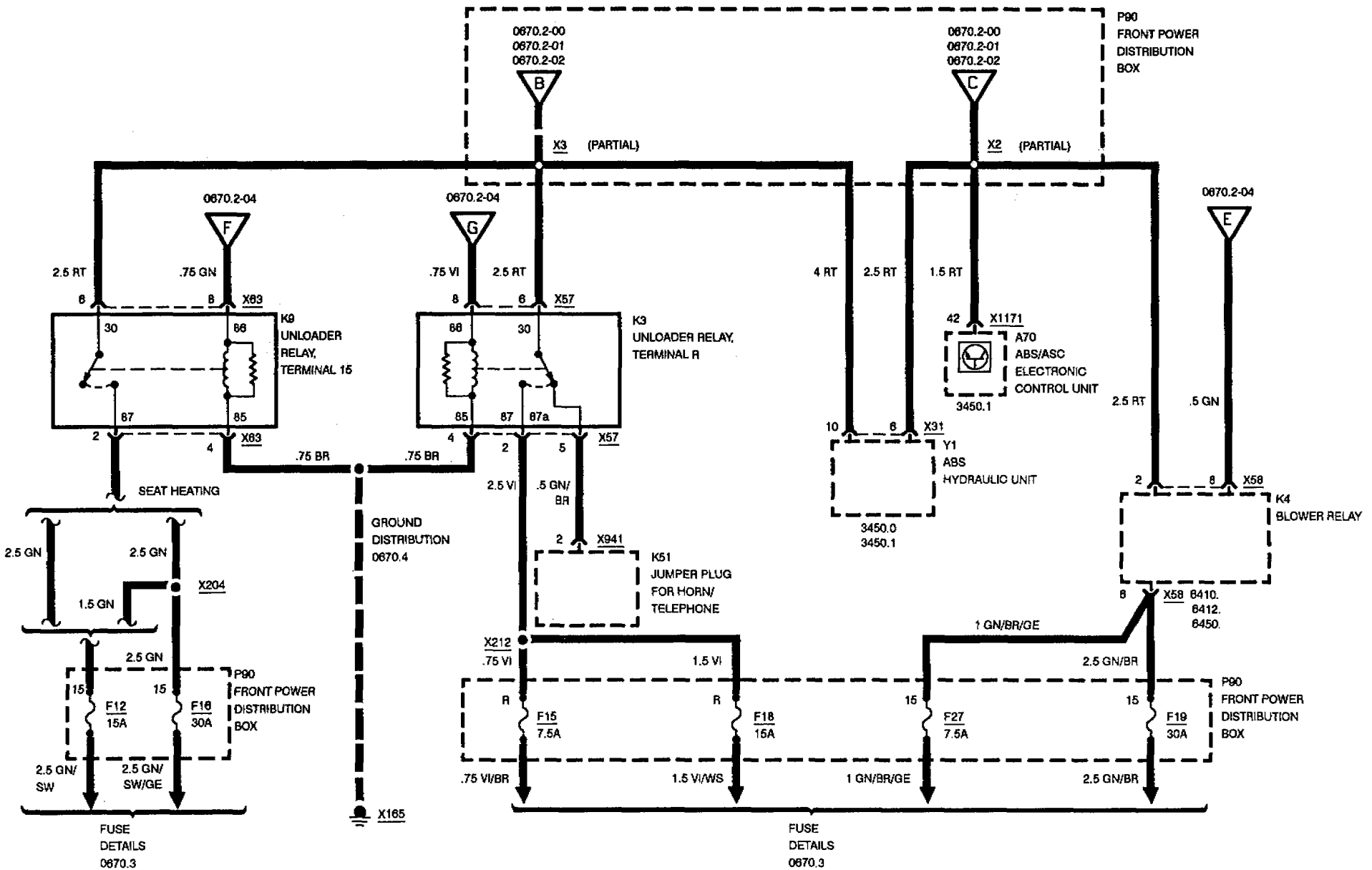
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POWER DISTRIBUTION

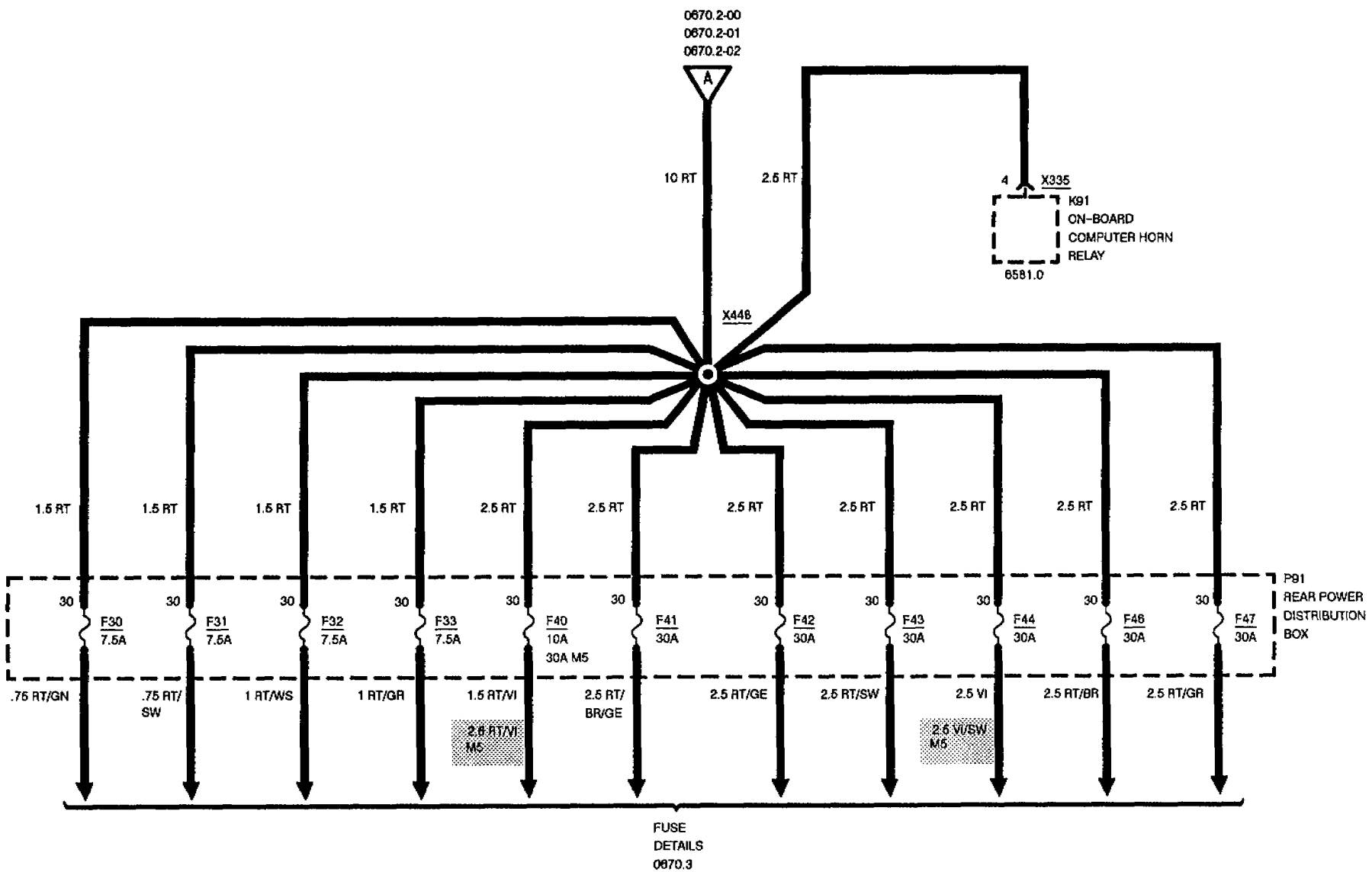
FRONT POWER DISTRIBUTION BOX



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POWER DISTRIBUTION

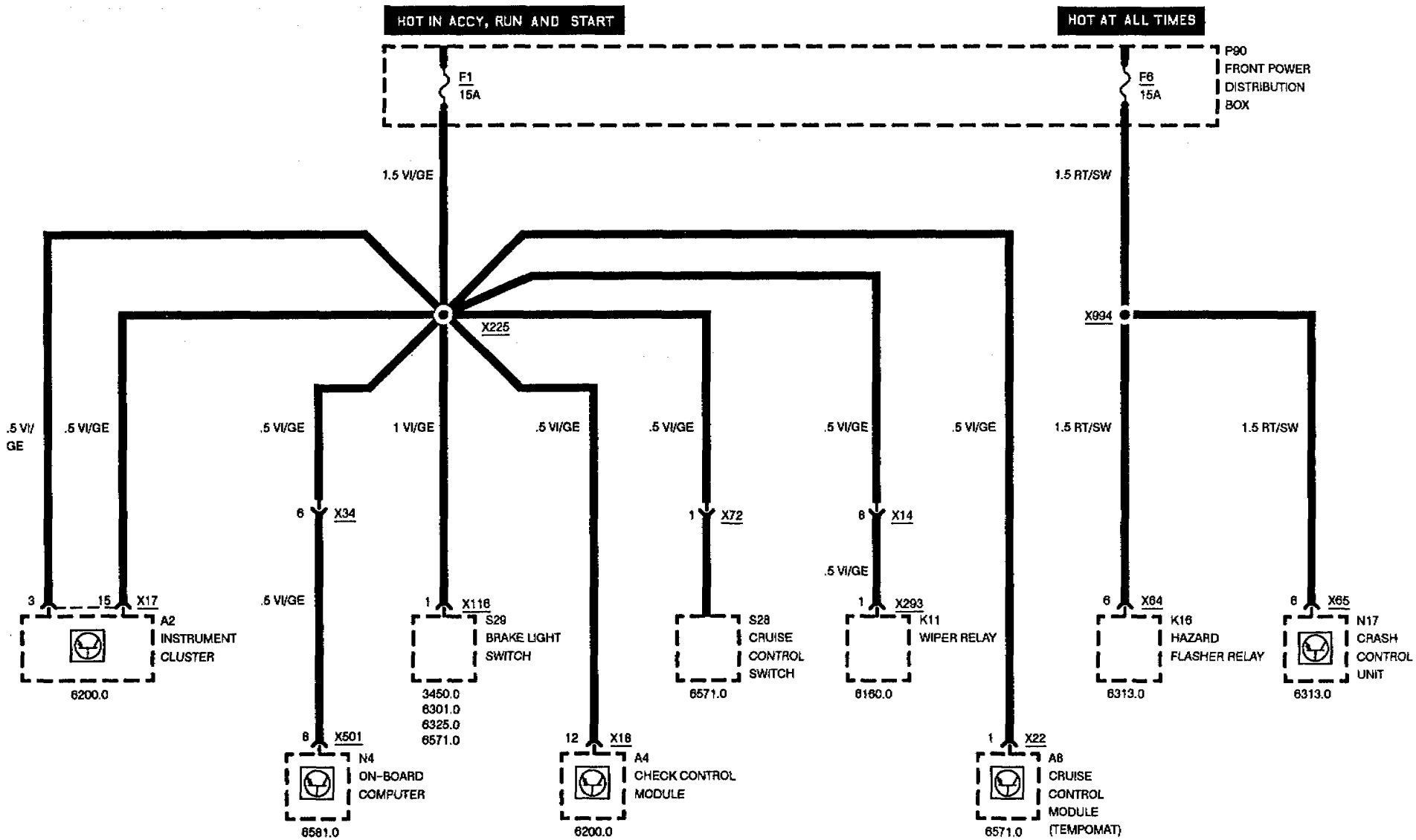
REAR POWER DISTRIBUTION BOX



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FUSE DETAILS

FUSES 1 AND 6

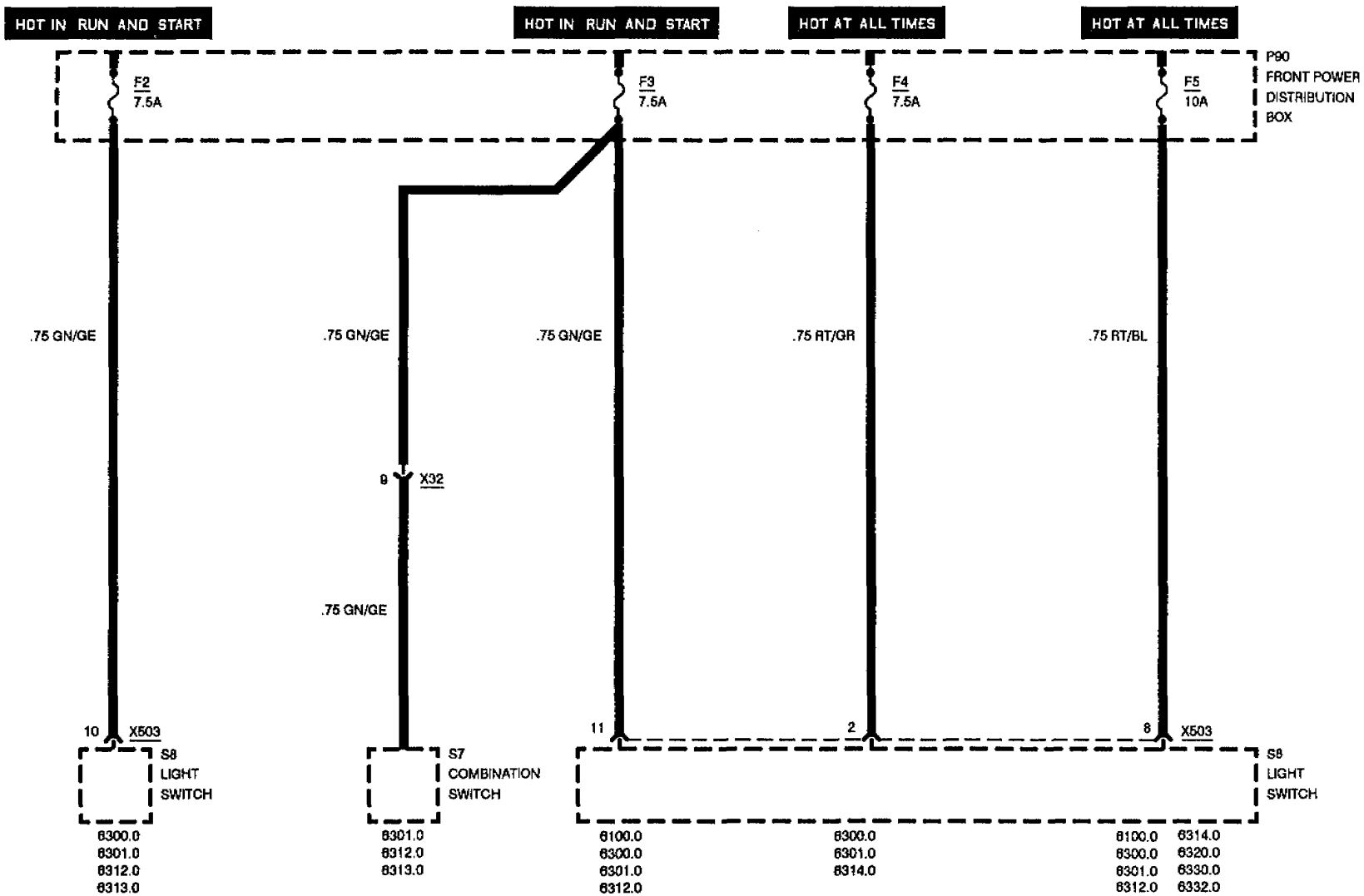


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FUSE DETAILS

USA

FUSES 2, 3, 4, AND 5

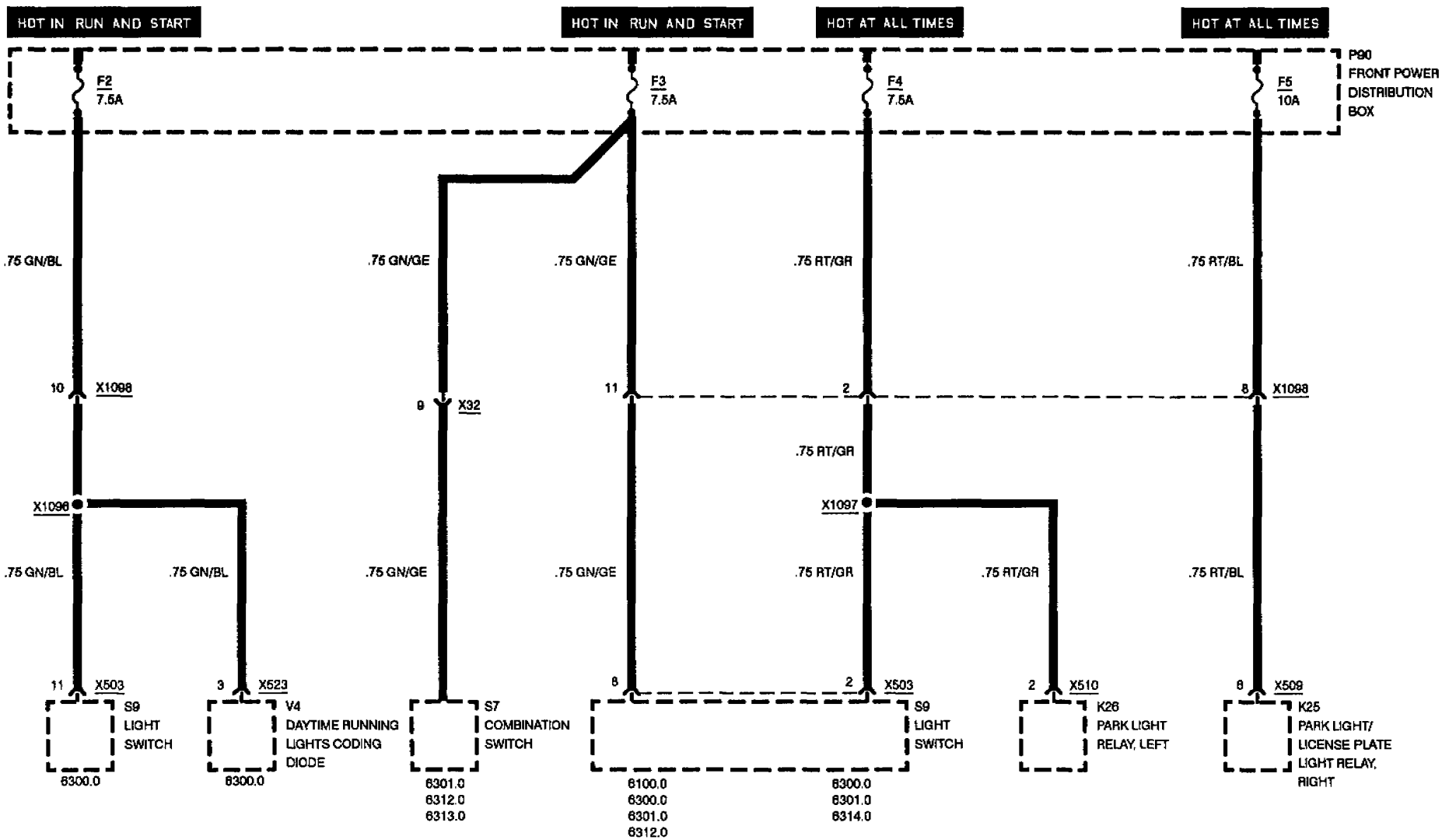


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FUSE DETAILS

CDN

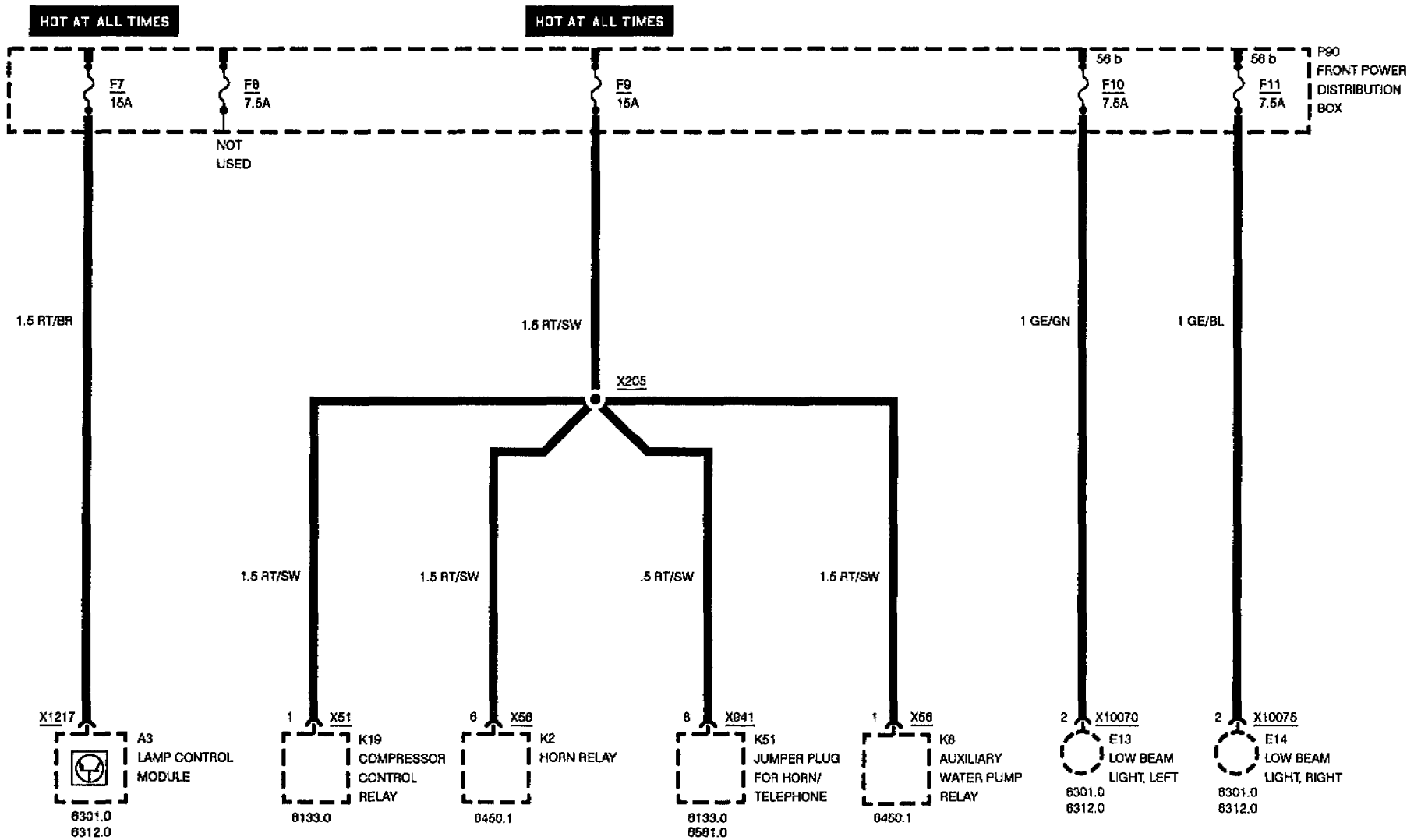
FUSES 2, 3, 4, AND 5



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FUSE DETAILS

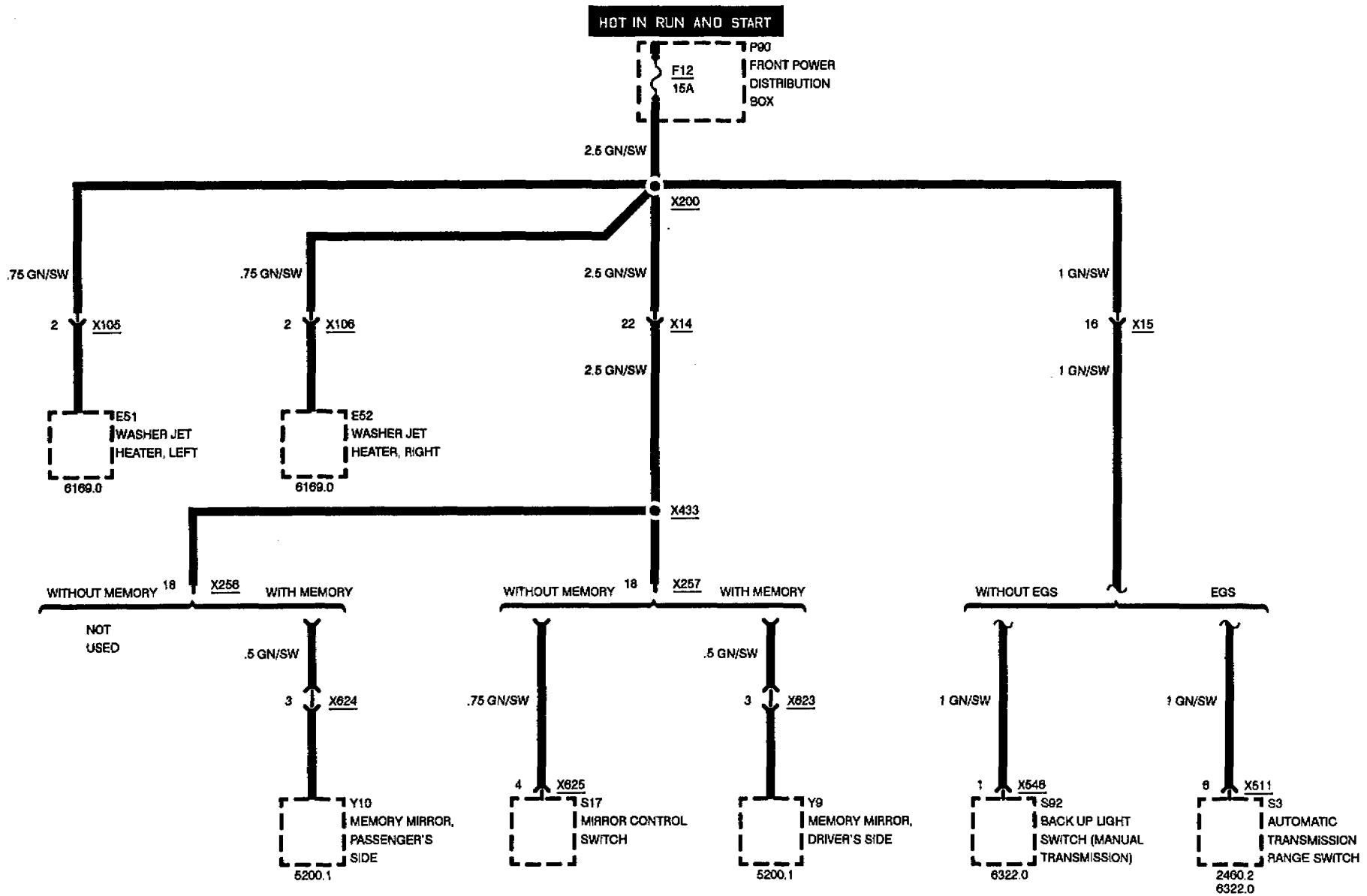
FUSES 7, 8, 9, 10, AND 11



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FUSE DETAILS

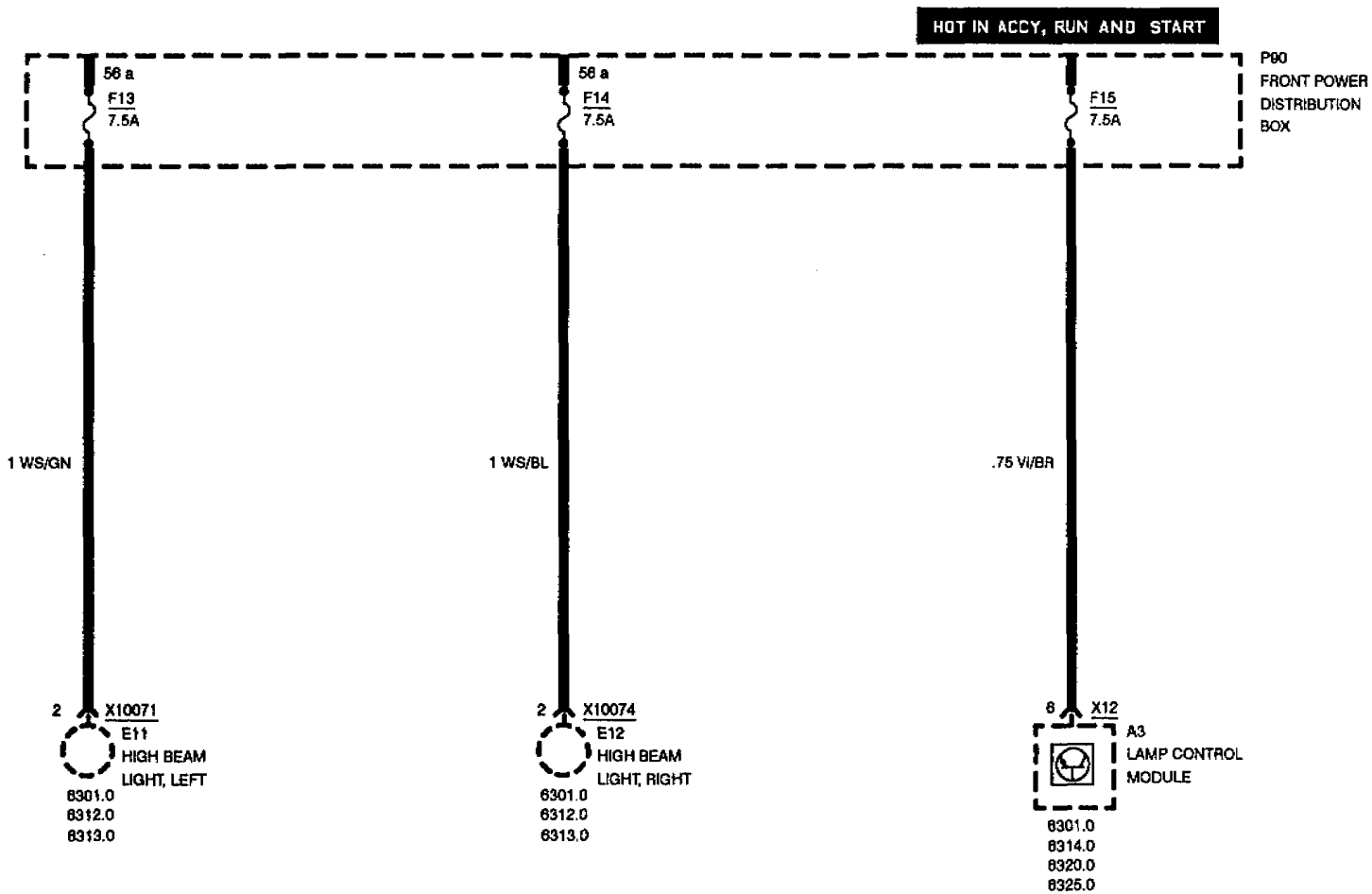
FUSE 12



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FUSE DETAILS

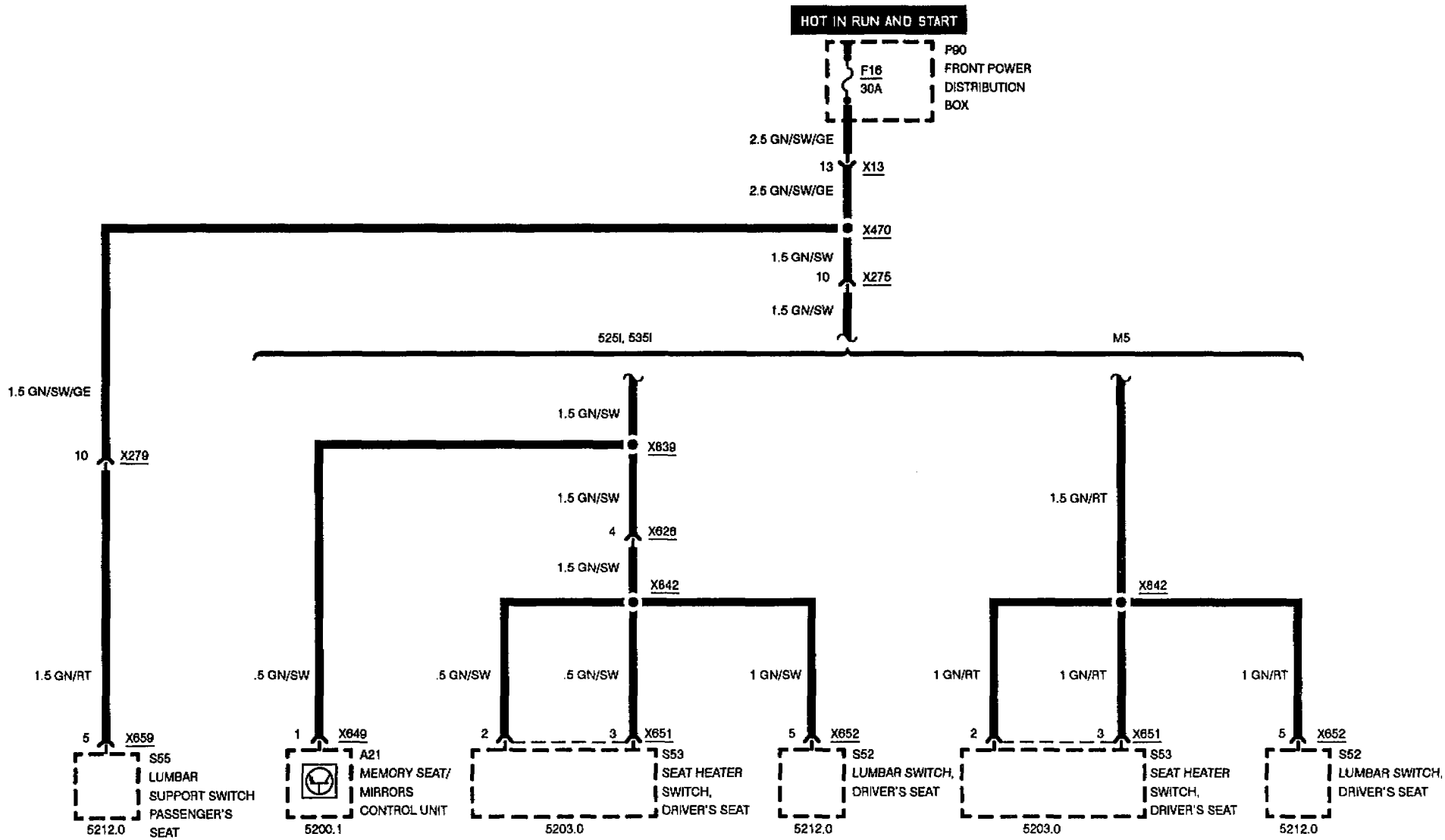
FUSES 13, 14, AND 15



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FUSE DETAILS

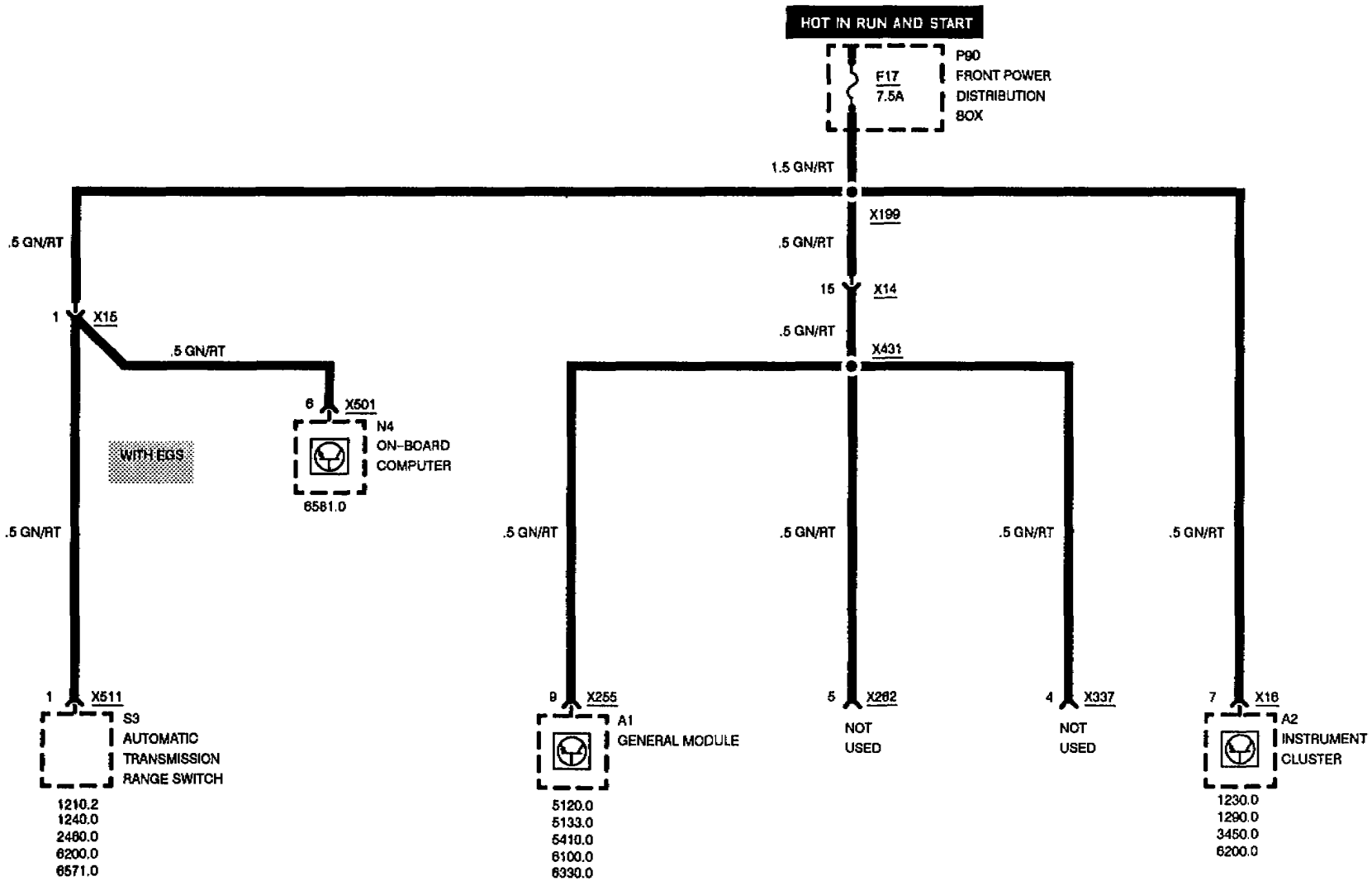
FUSE 16



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FUSE DETAILS

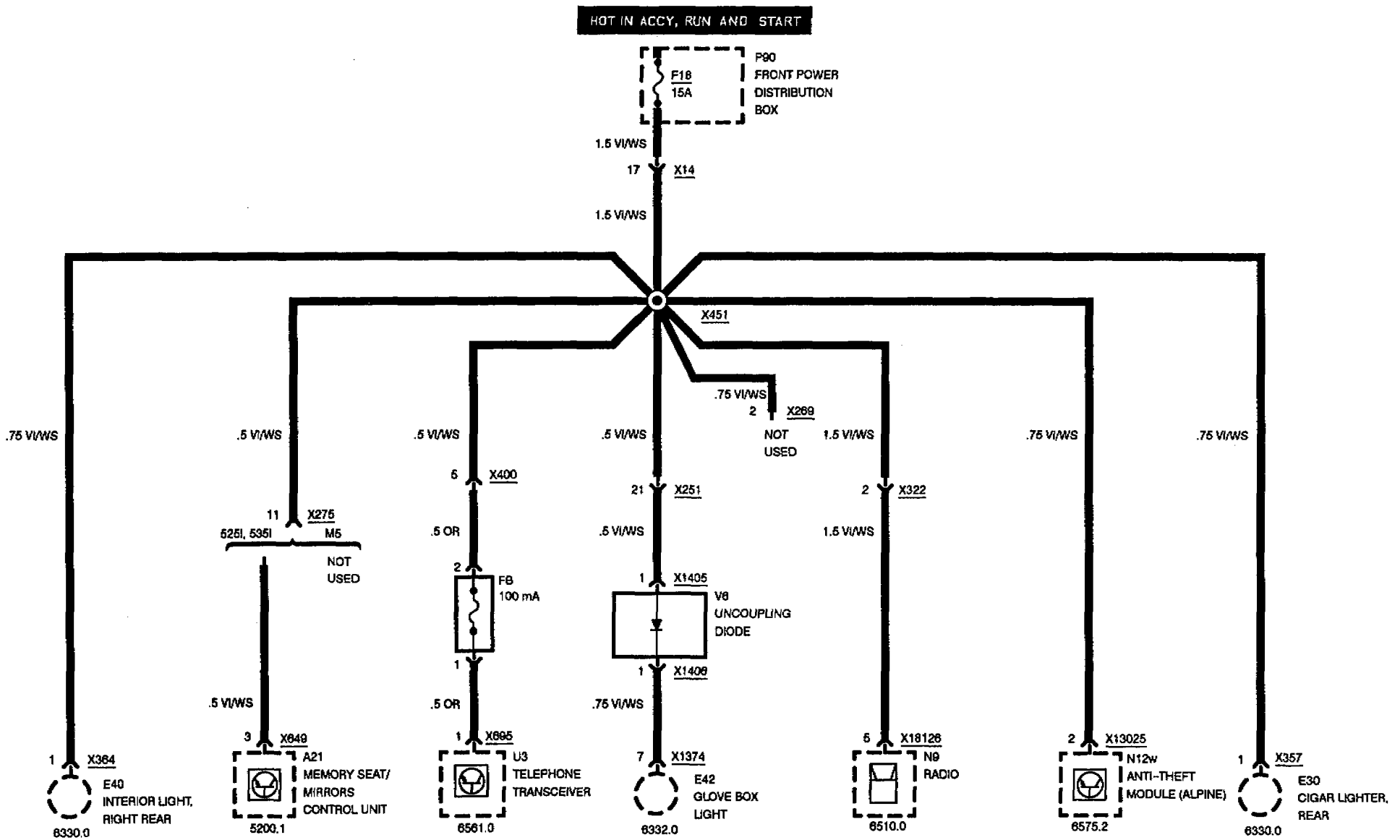
FUSE 17



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FUSE DETAILS

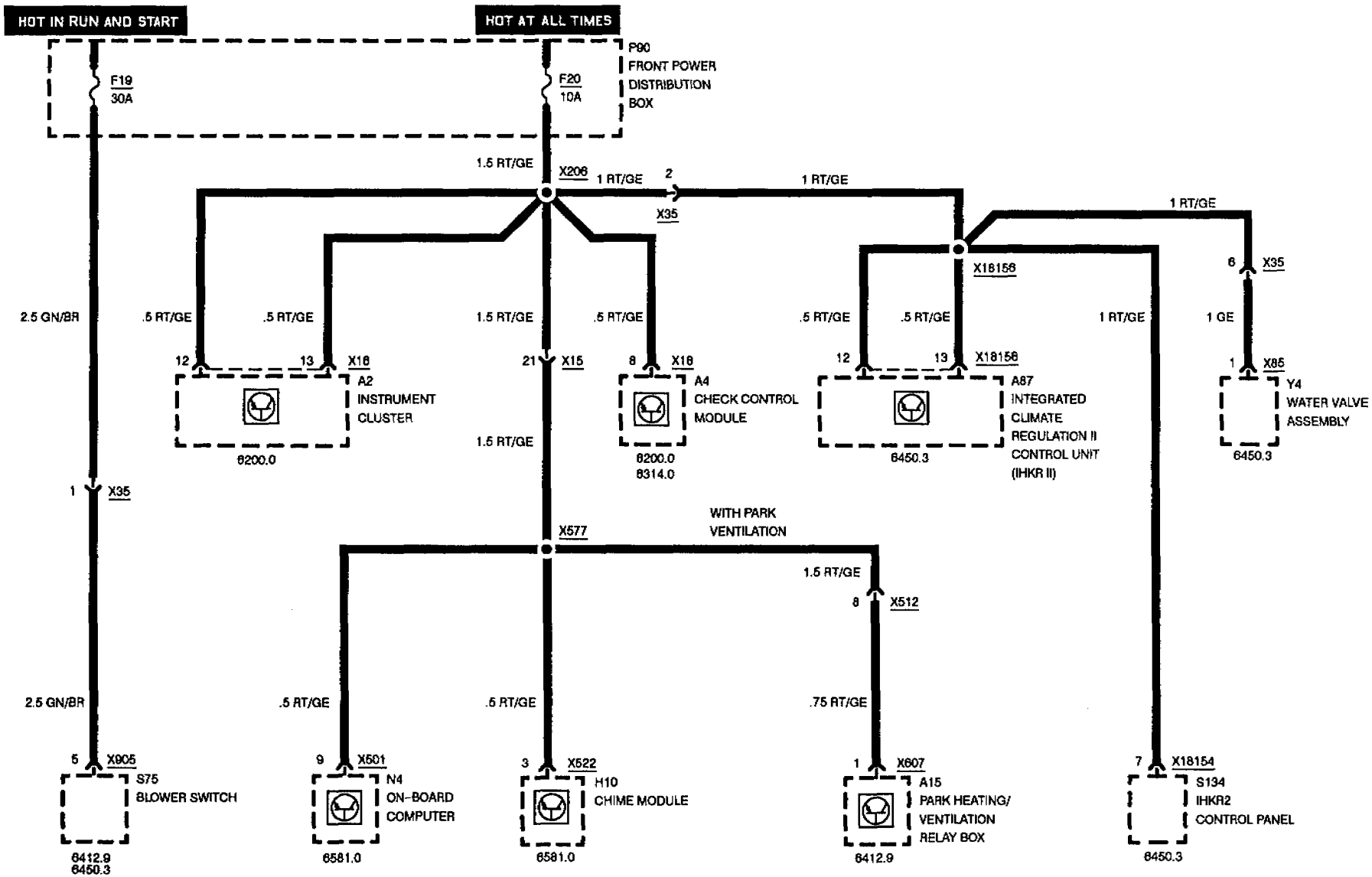
FUSE 18



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FUSE DETAILS

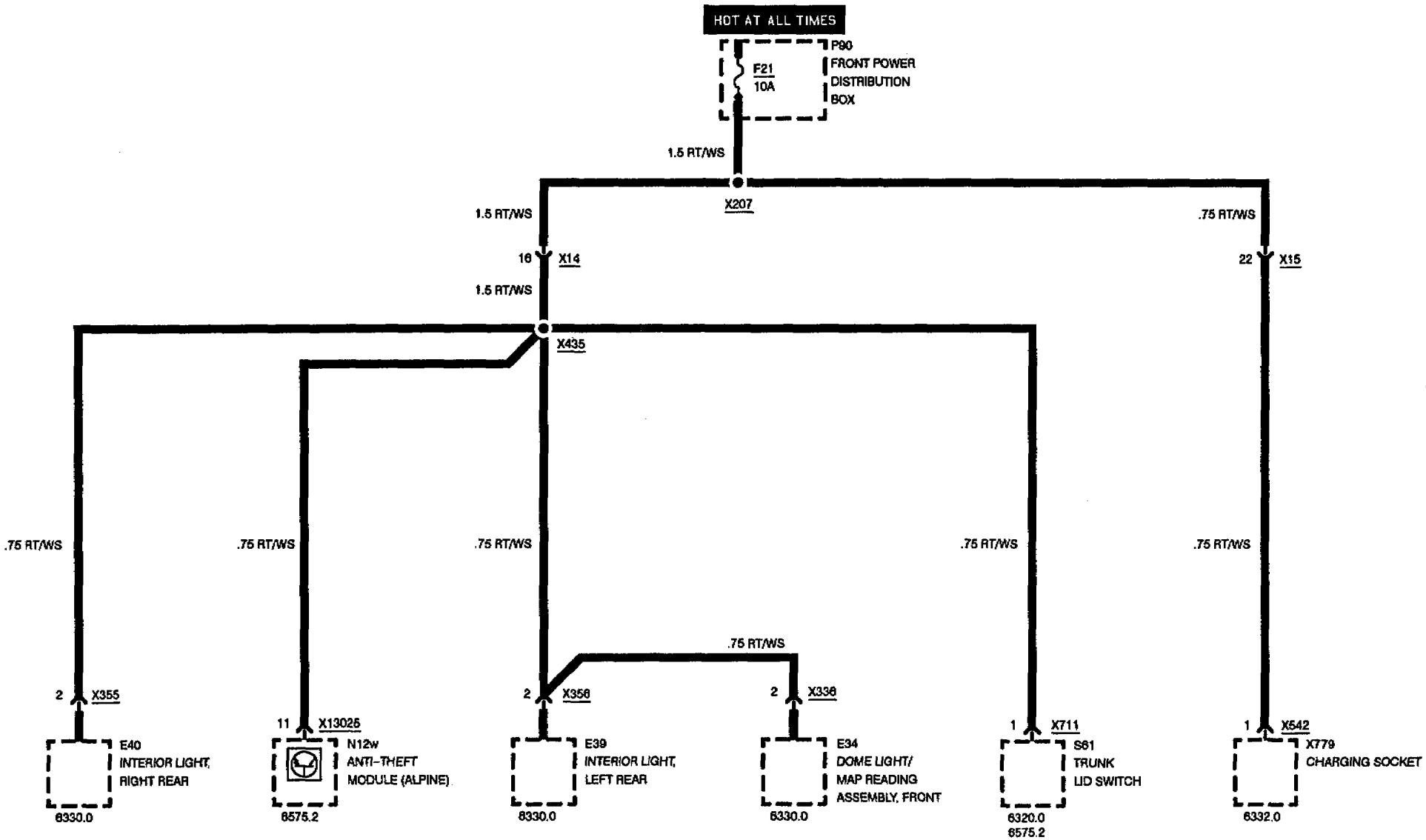
FUSES 19 AND 20



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FUSE DETAILS

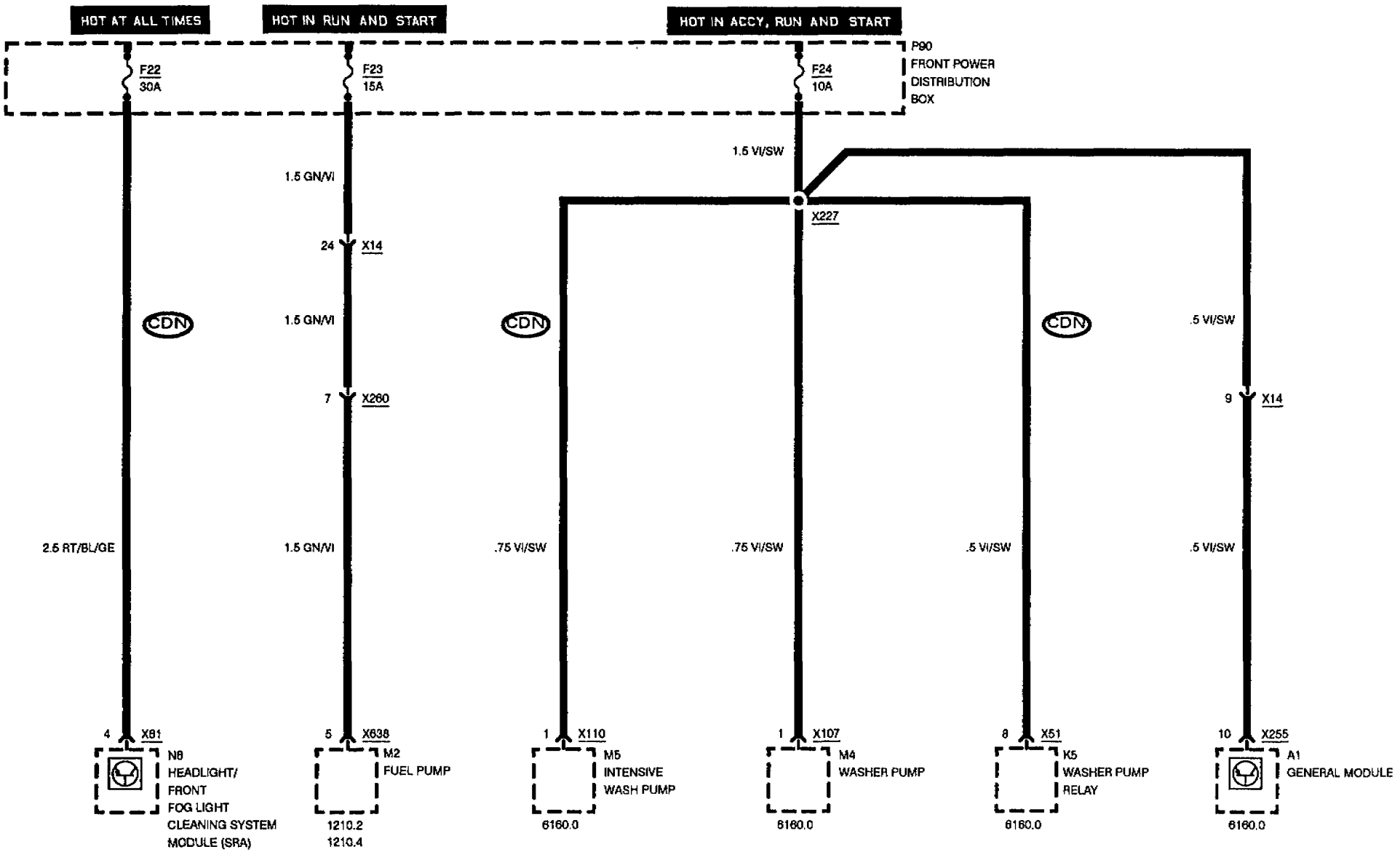
FUSE 21



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FUSE DETAILS

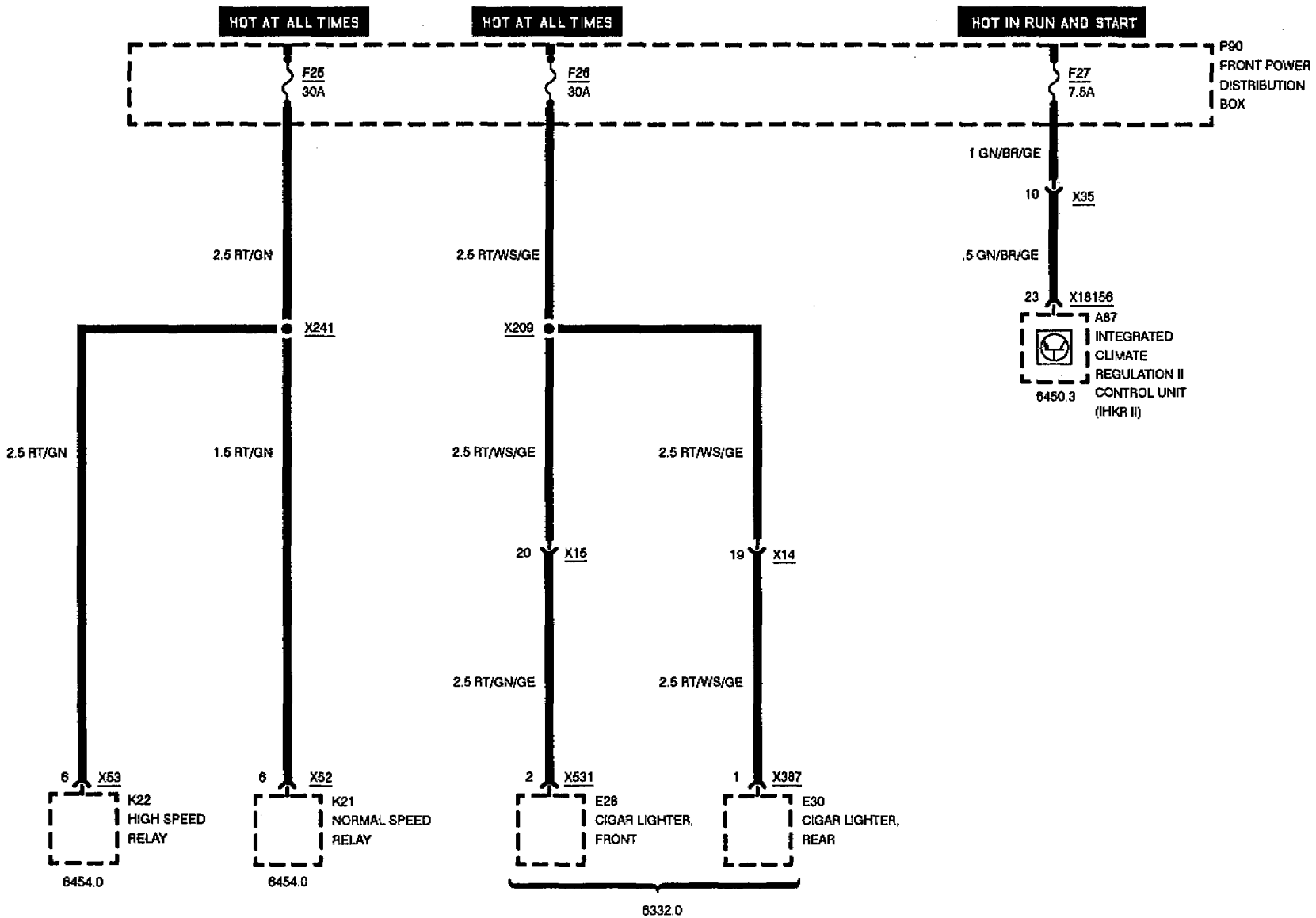
FUSES 22, 23, AND 24



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FUSE DETAILS

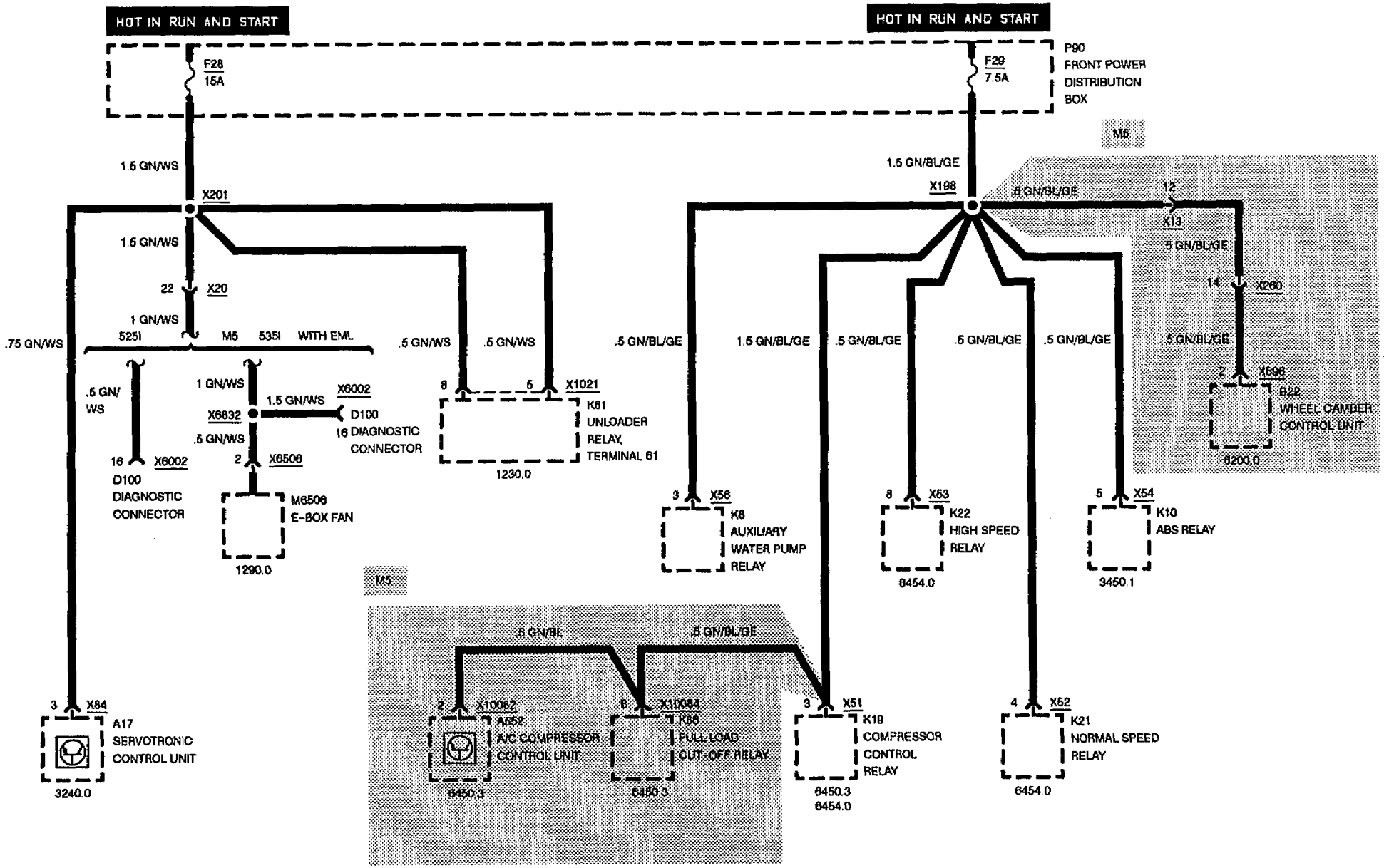
FUSES 25, 26, AND 27



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FUSE DETAILS

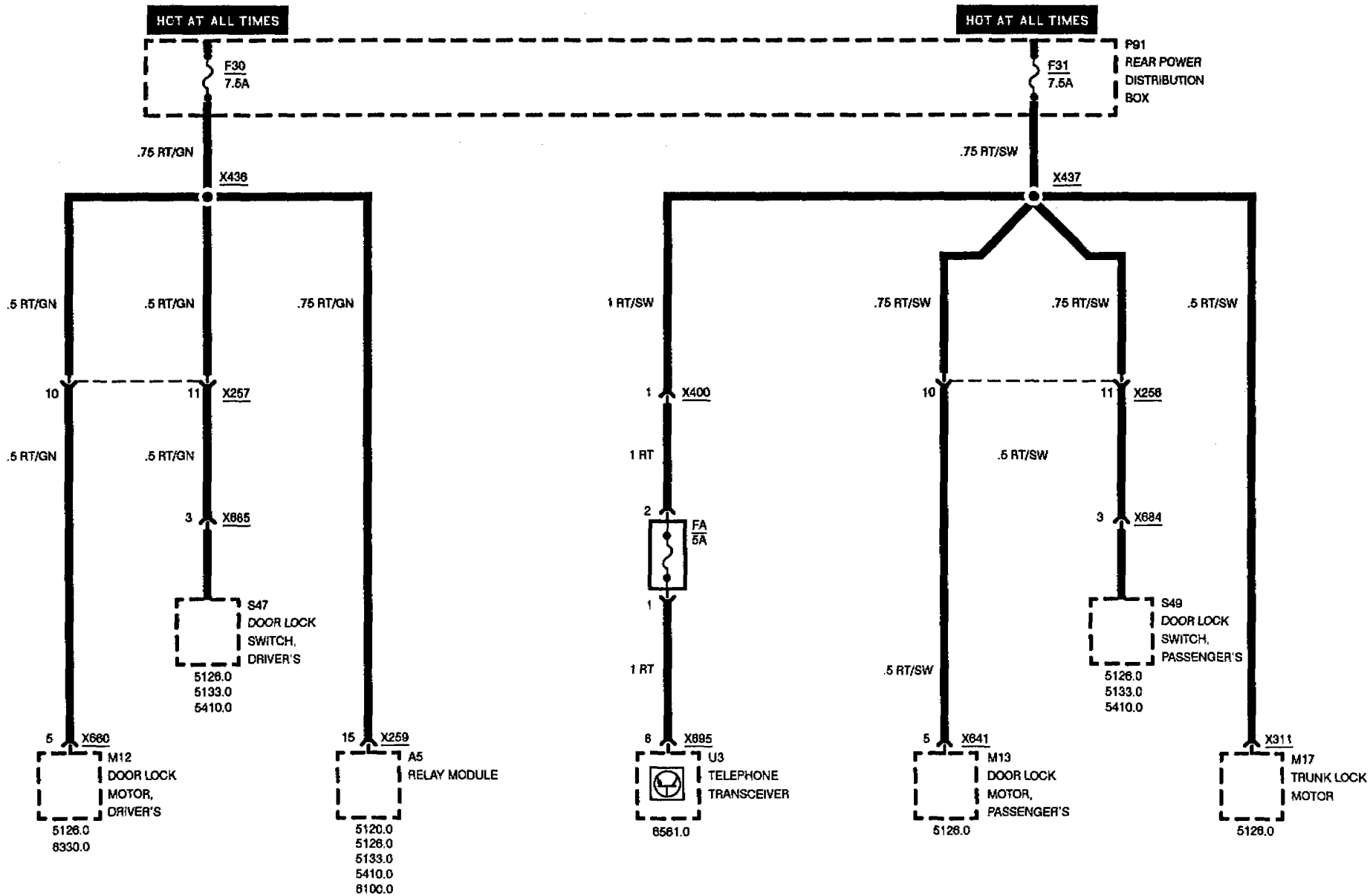
FUSES 28 AND 29



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FUSE DETAILS

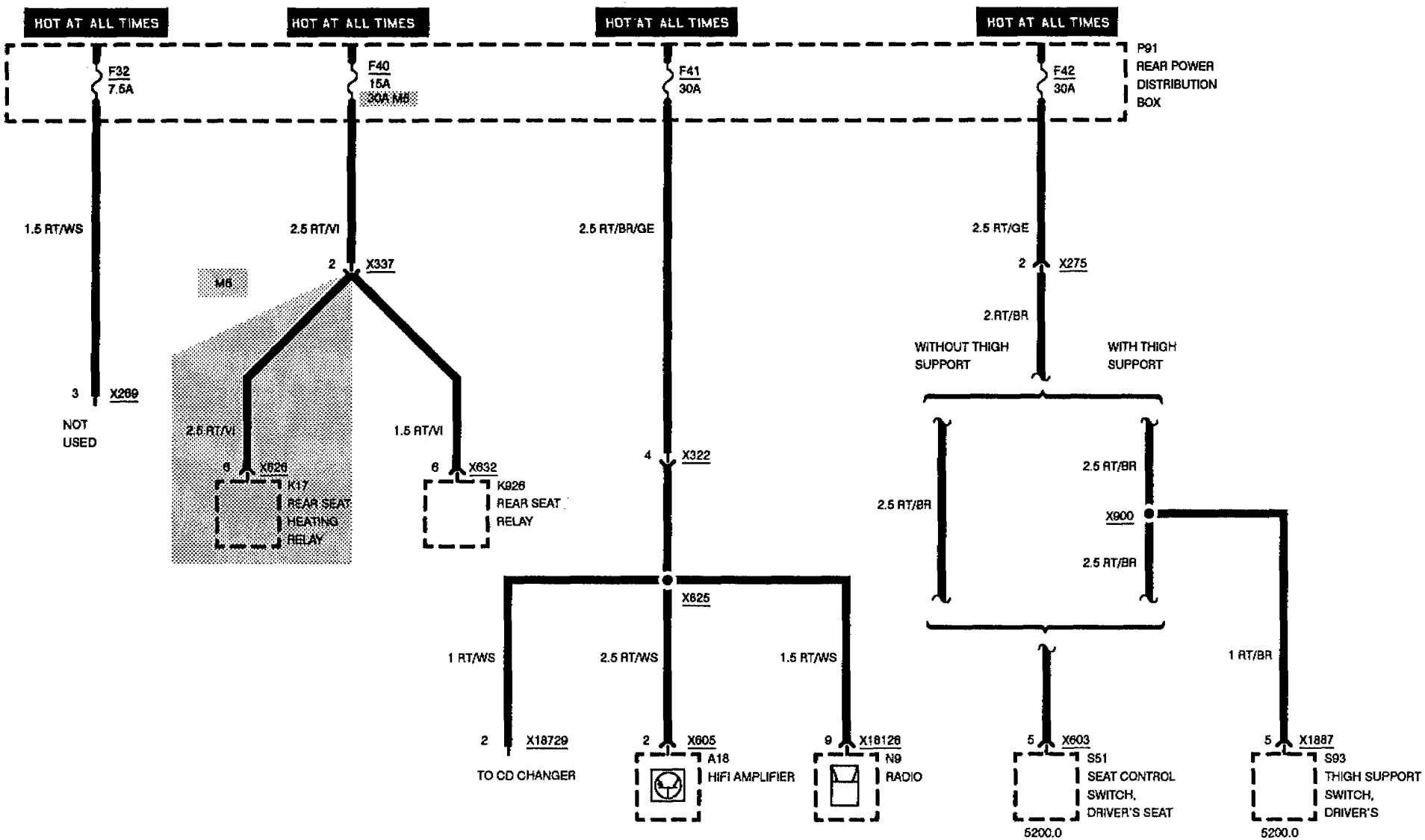
FUSES 30 AND 31



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FUSE DETAILS

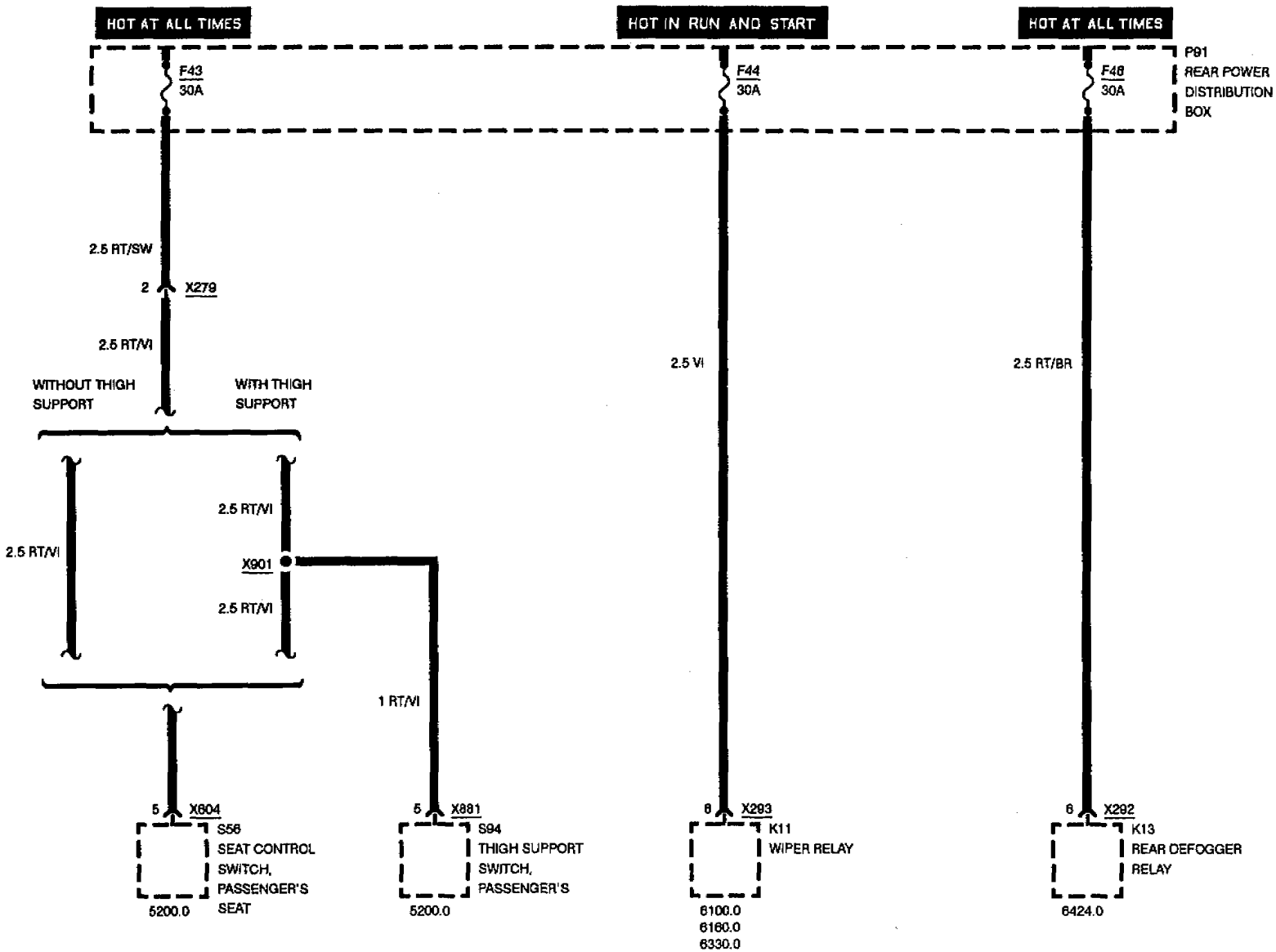
FUSES 32, 40, 41, AND 42



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FUSE DETAILS

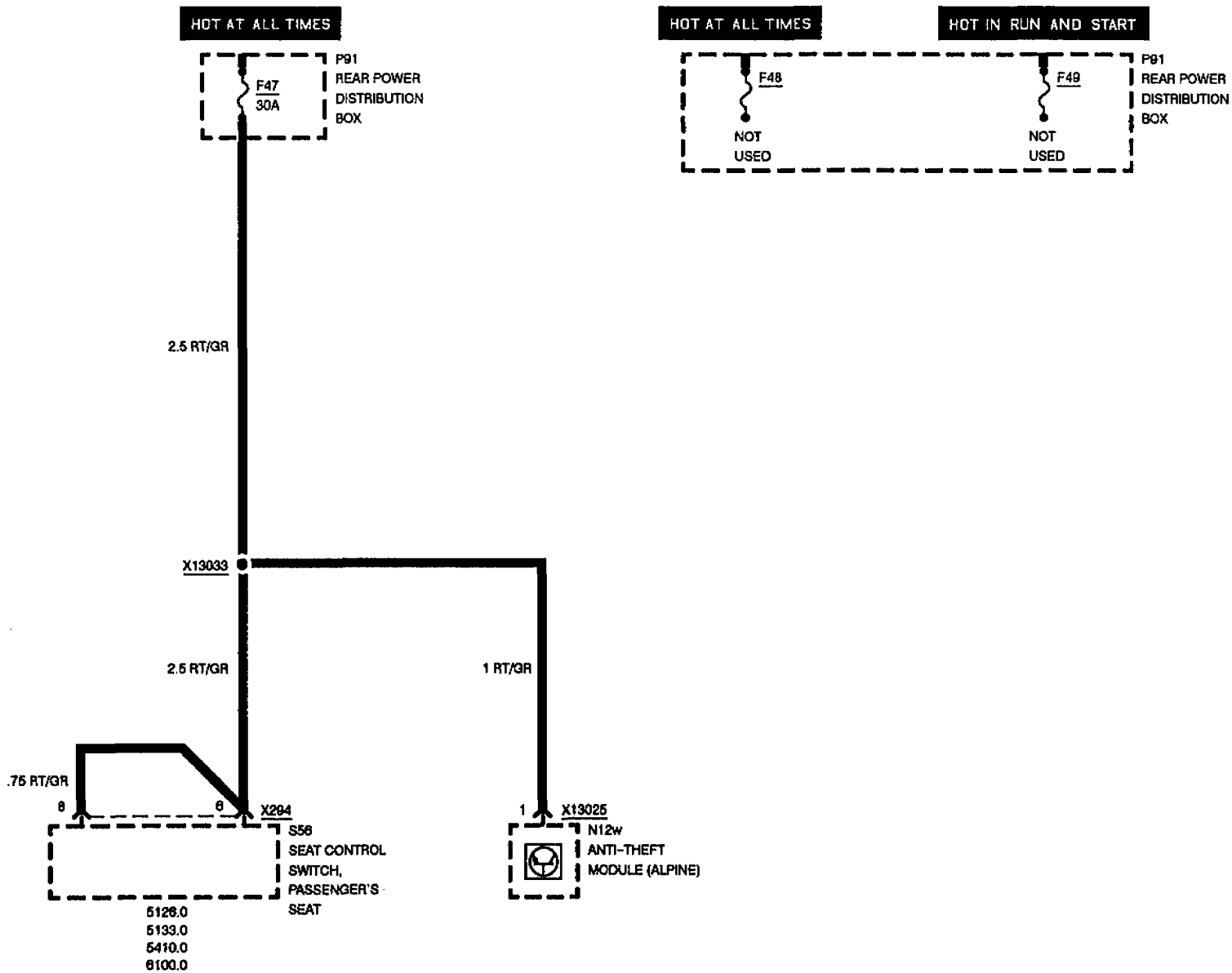
FUSES 43, 44, AND 46



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FUSE DETAILS

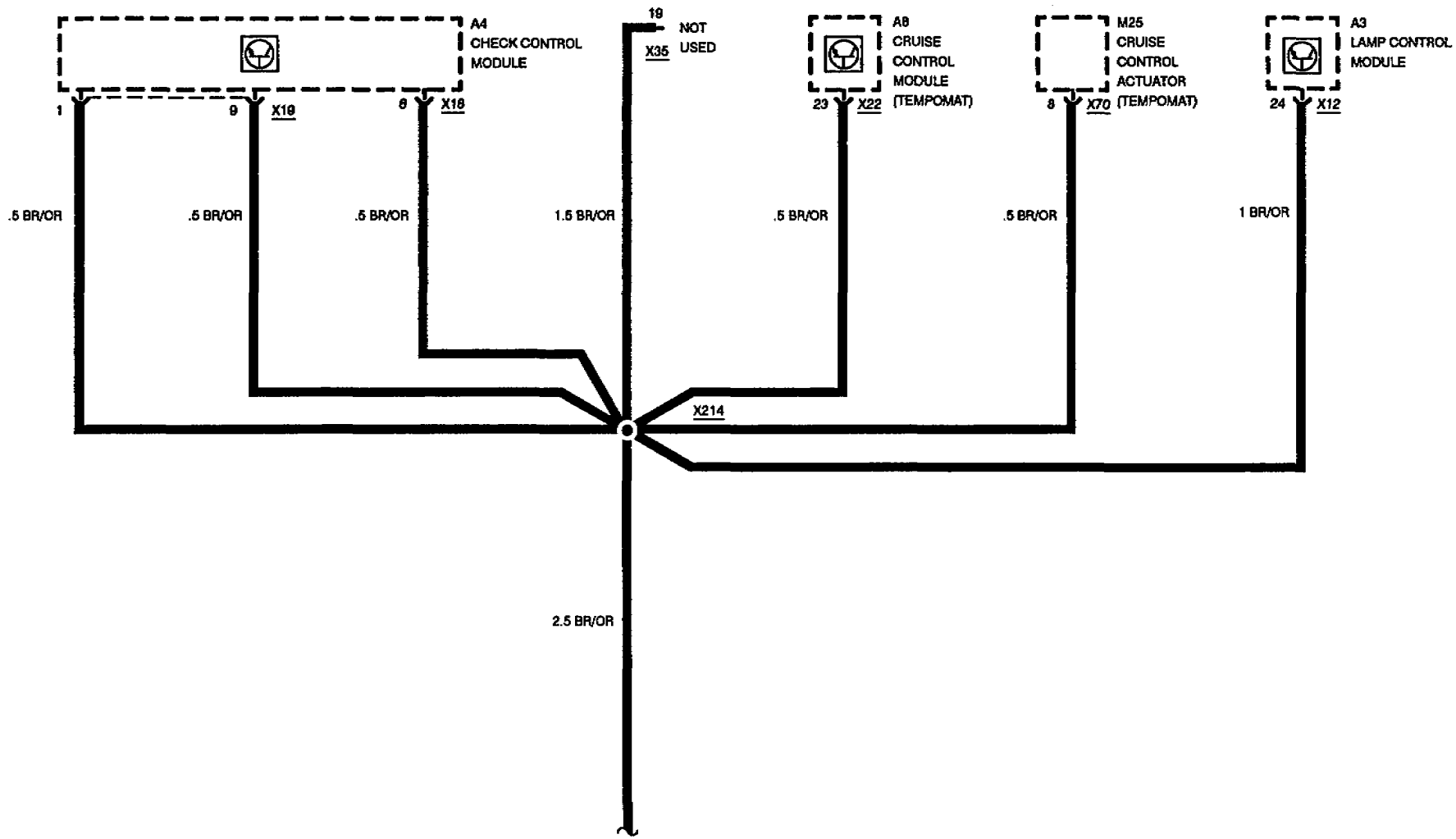
FUSES 47, 48, AND 49



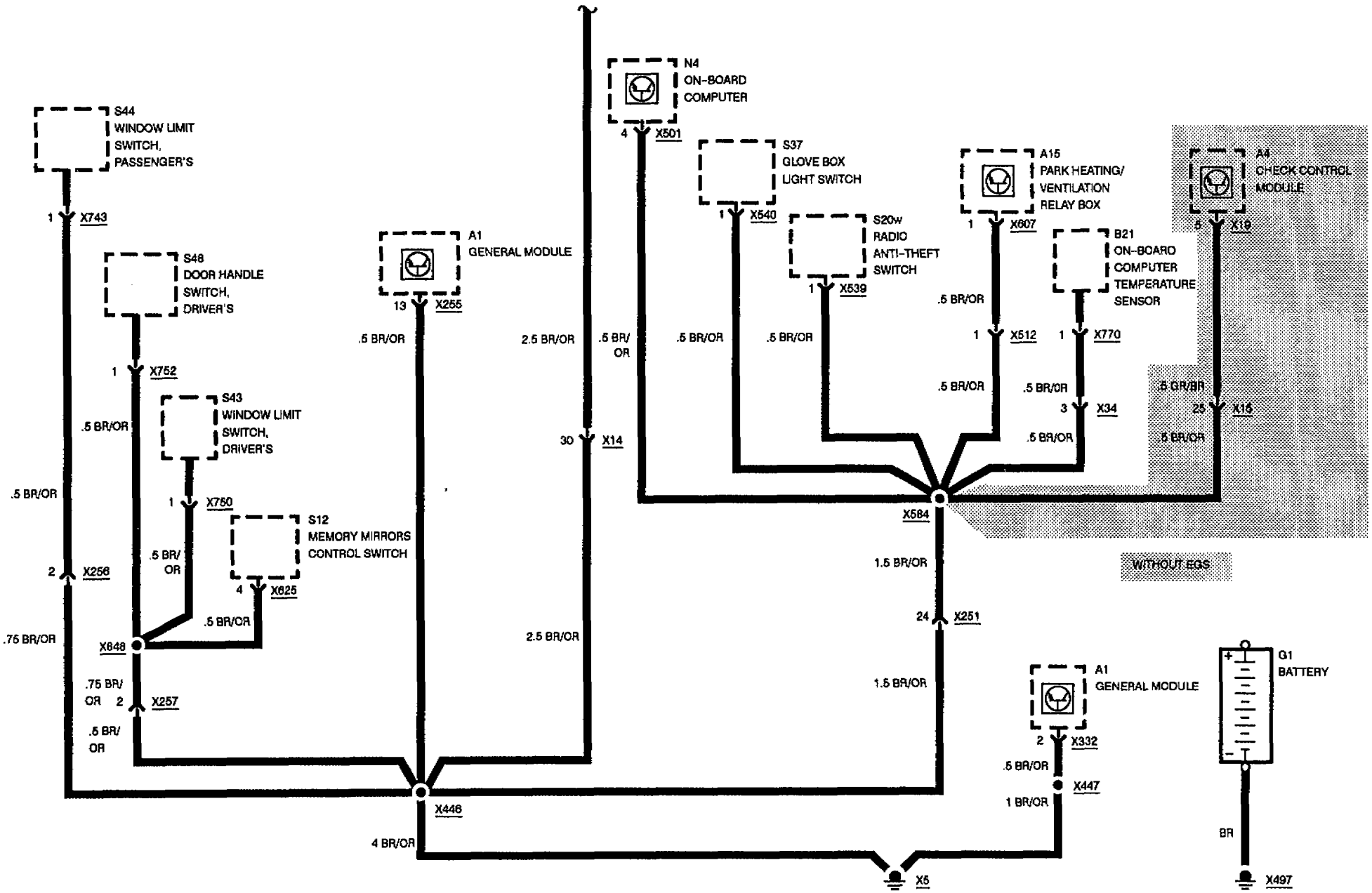
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GROUND DISTRIBUTION

GROUND X5



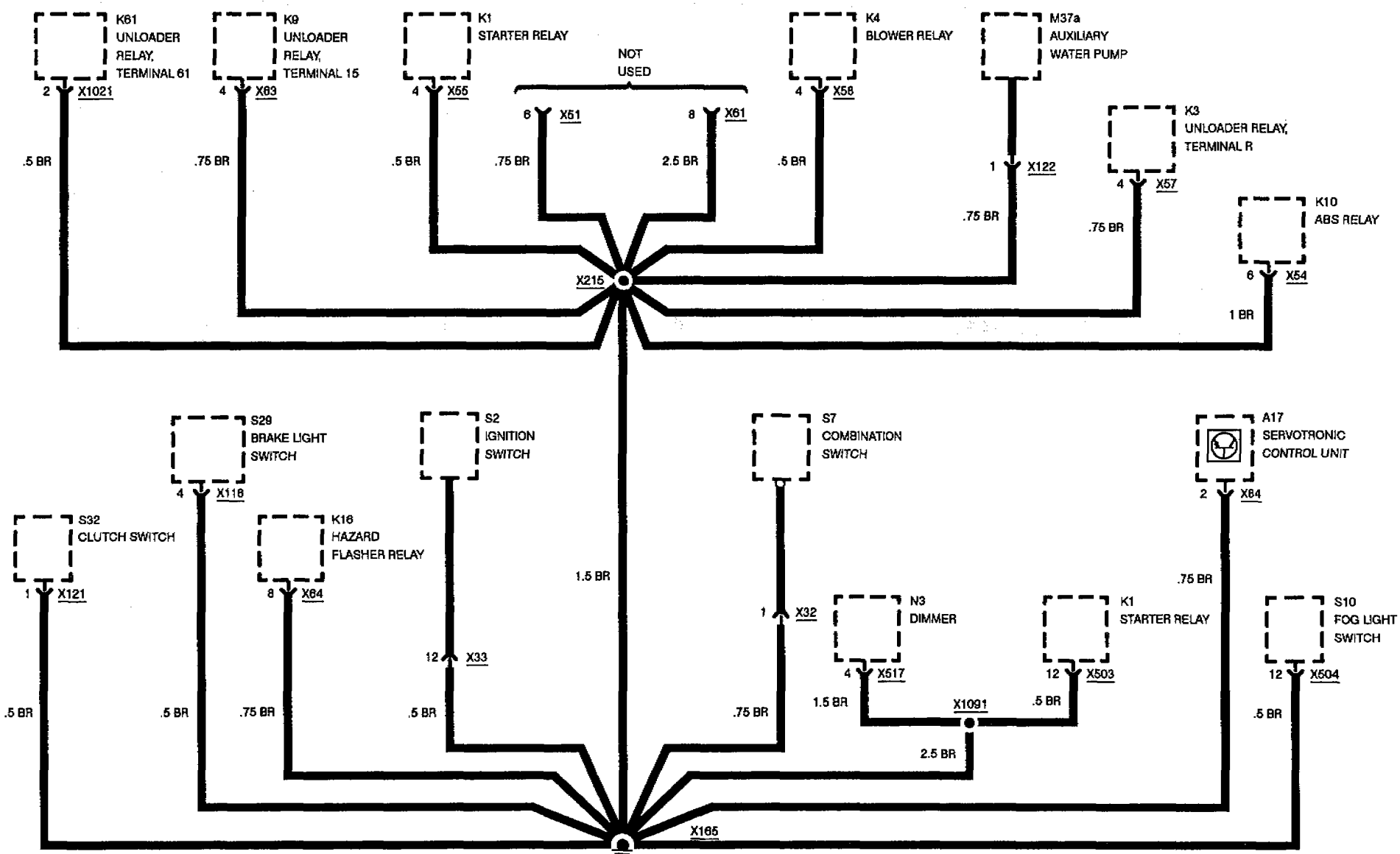
carplagn.com


S44
WINDOW LIMIT SWITCH, PASSENGER'S
1 X743
S48
DOOR HANDLE SWITCH, DRIVER'S
1 X752
S43
WINDOW LIMIT SWITCH, DRIVER'S
1 X750
S12
MEMORY MIRRORS CONTROL SWITCH
4 X625
.5 BR/OR
.5 BR/ OR
2 X256
.75 BR/OR
X648
.75 BR/ OR 2 X257
.5 BR/ OR
A1
GENERAL MODULE
13 X255
.5 BR/OR
2.5 BR/OR
N4
ON-BOARD COMPUTER
4 X501
.5 BR/ OR
30 X14
2.5 BR/OR
S37
GLOVE BOX LIGHT SWITCH
1 X540
.5 BR/OR
S20w
RADIO ANTI-THEFT SWITCH
1 X539
.5 BR/OR
A15
PARK HEATING/ VENTILATION RELAY BOX
1 X607
.5 BR/OR
1 X512
.5 BR/OR
B21
ON-BOARD COMPUTER TEMPERATURE SENSOR
1 X770
.5 BR/OR
3 X34
.5 BR/OR
A4
CHECK CONTROL MODULE
6 X19
.5 GR/BR
25 X15
.5 BR/OR
X584
WITHOUT EGS
1.5 BR/OR
24 X251
1.5 BR/OR
A1
GENERAL MODULE
2 X332
.5 BR/OR
X447
1 BR/OR
G1
BATTERY
BR
X497
X446
4 BR/OR
X5

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GROUND DISTRIBUTION

GROUND X165

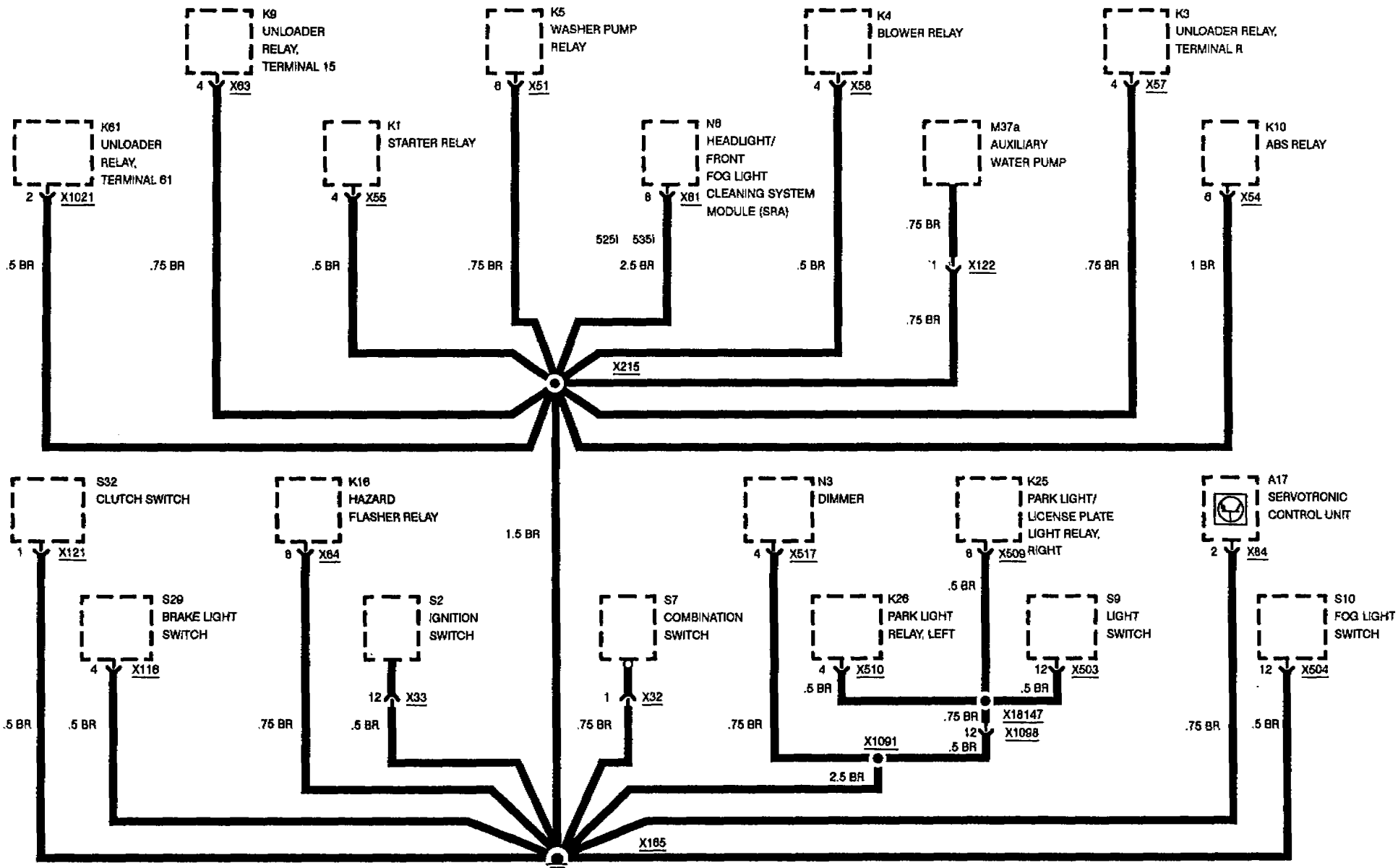


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GROUND DISTRIBUTION

CDN

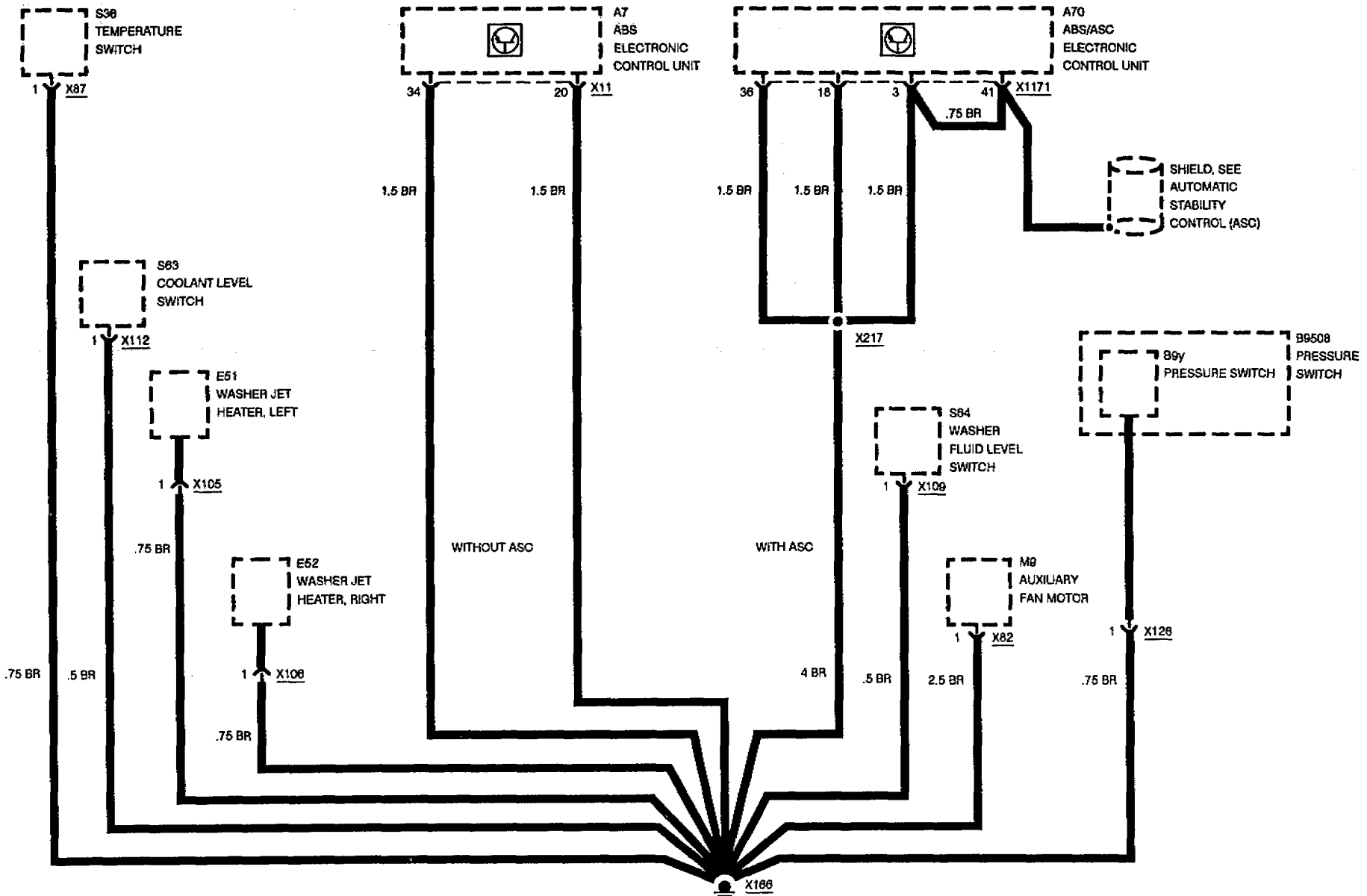
GROUND X165



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GROUND DISTRIBUTION

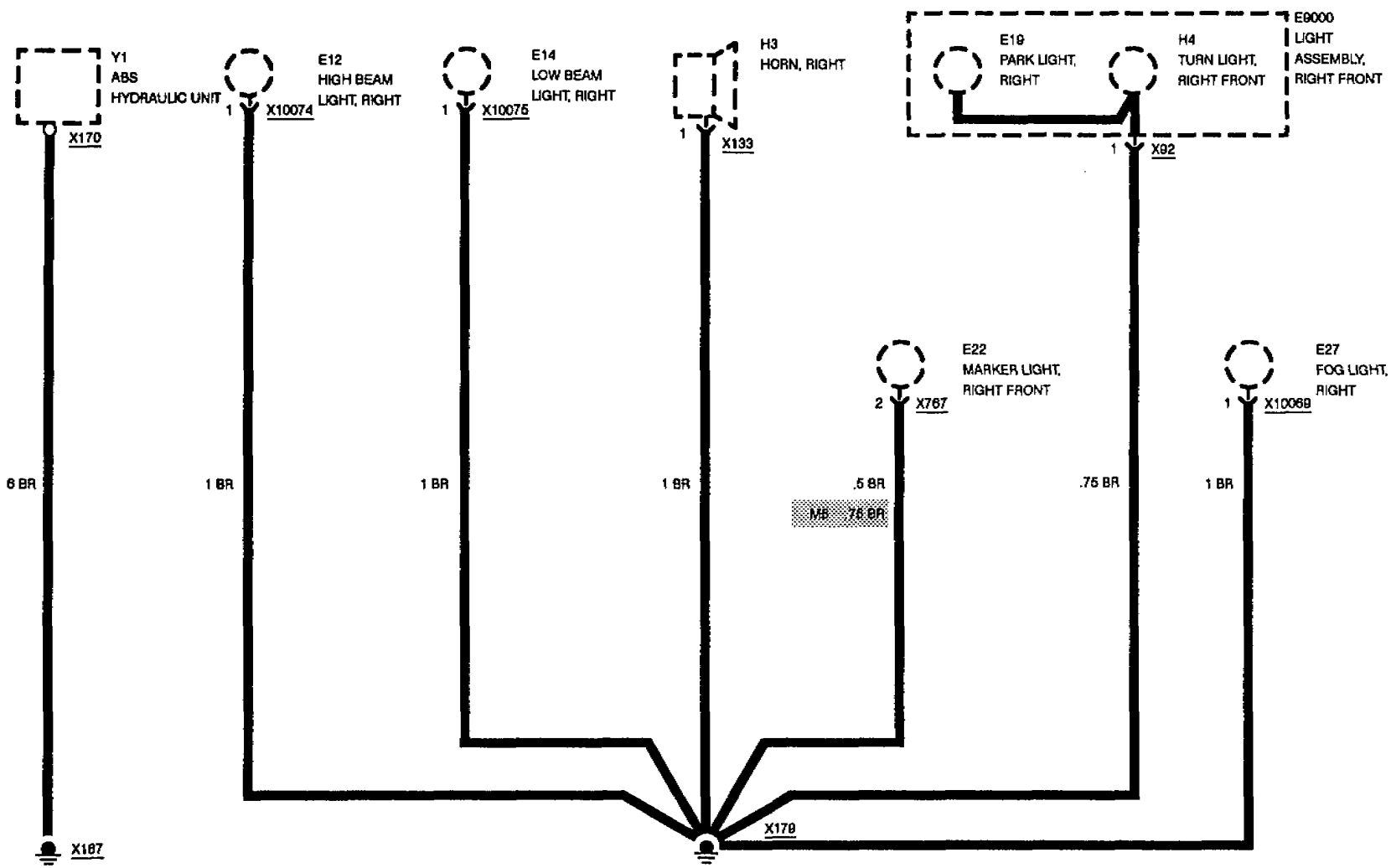
GROUND X166



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GROUND DISTRIBUTION

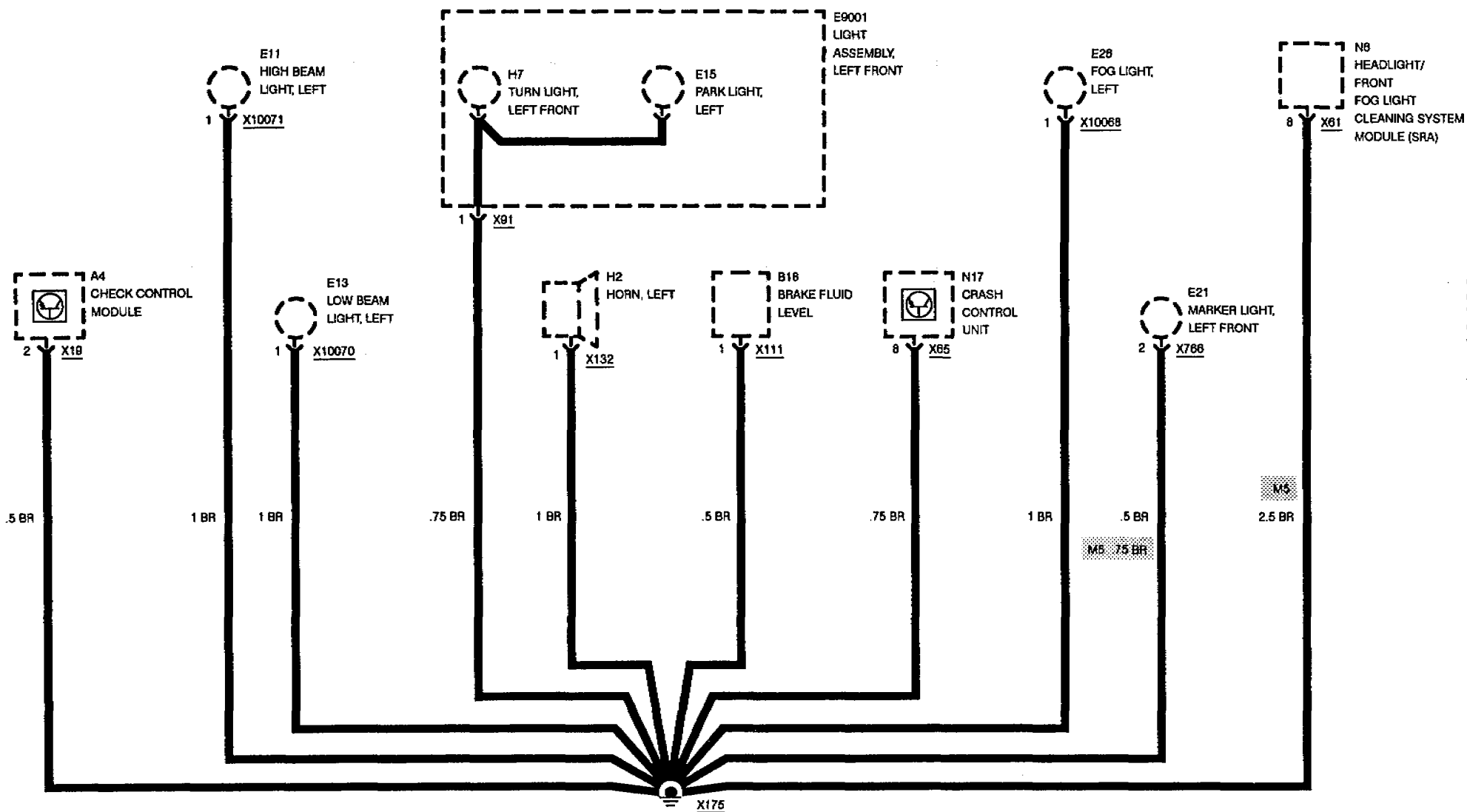
GROUNDS X167 AND X179



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GROUND DISTRIBUTION

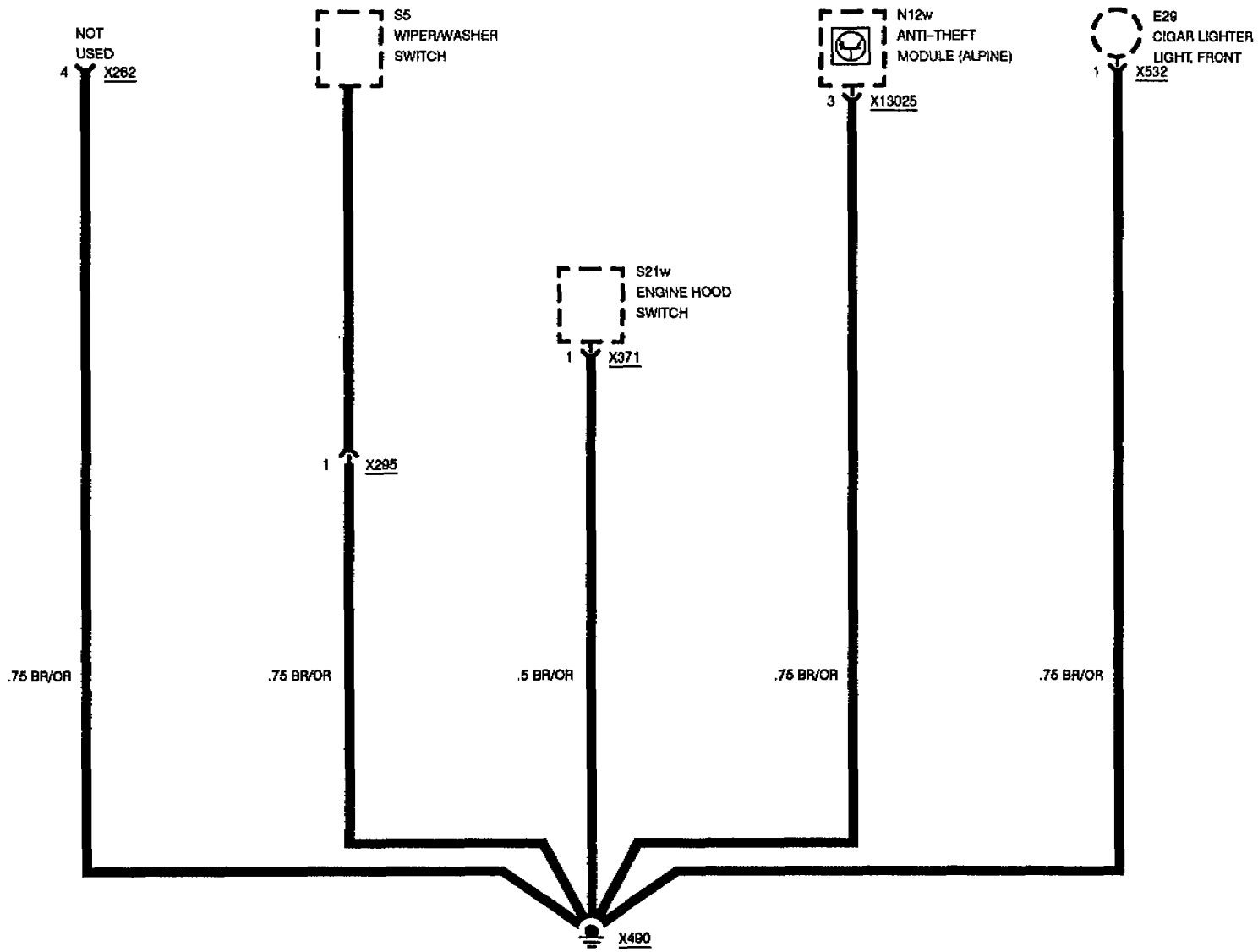
GROUND X175



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GROUND DISTRIBUTION

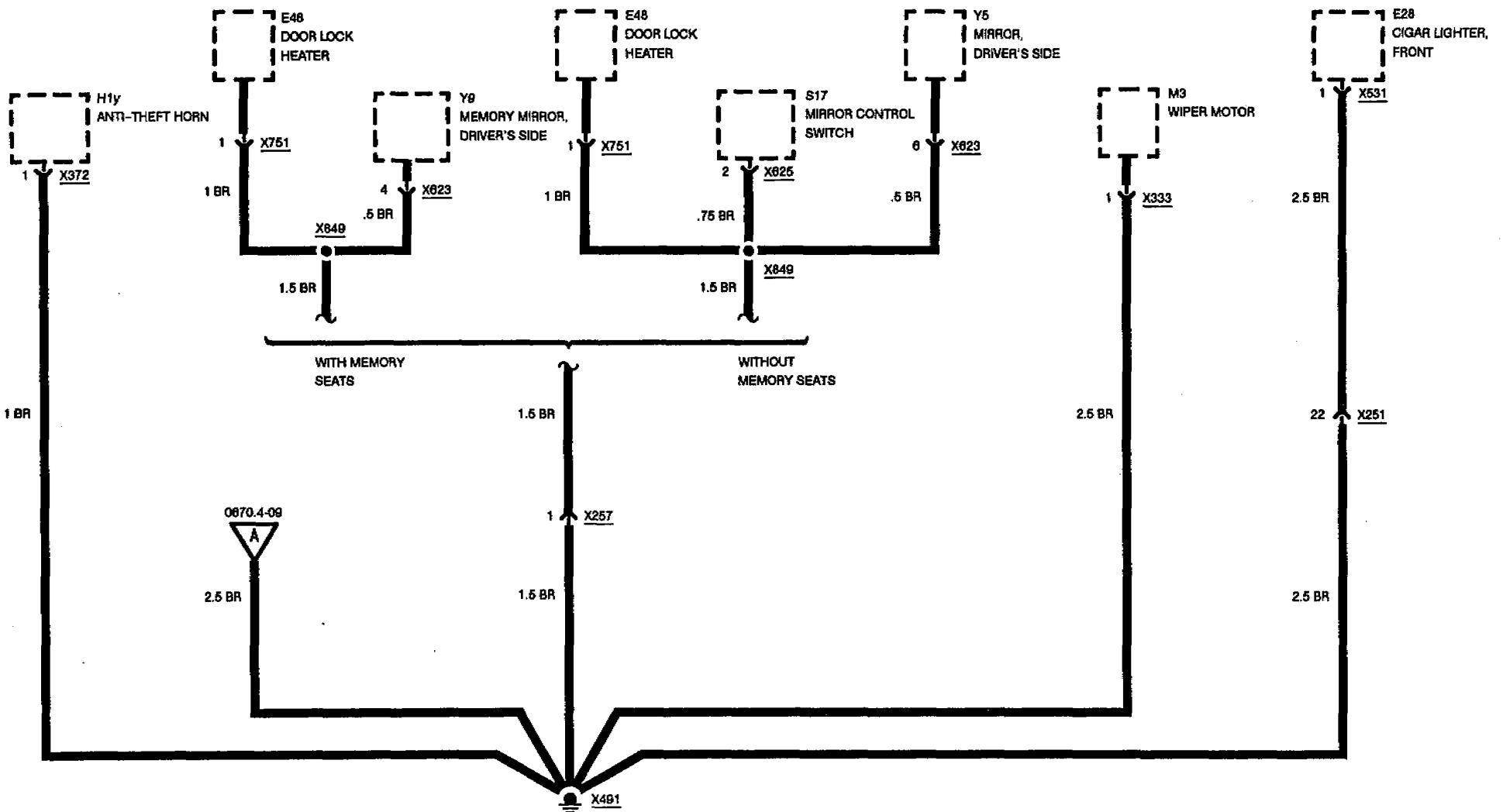
GROUND X490



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GROUND DISTRIBUTION

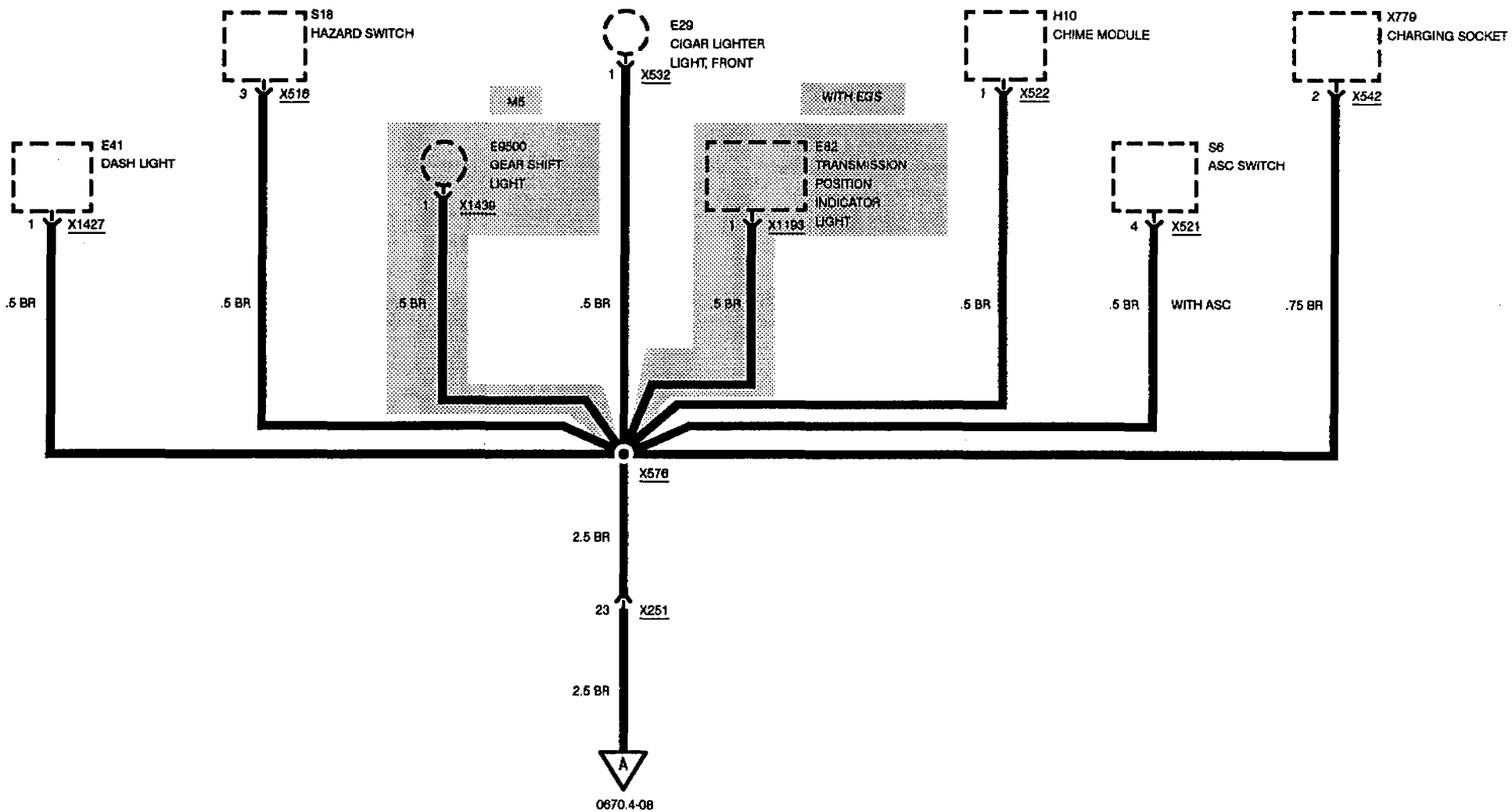
GROUND X491



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GROUND DISTRIBUTION

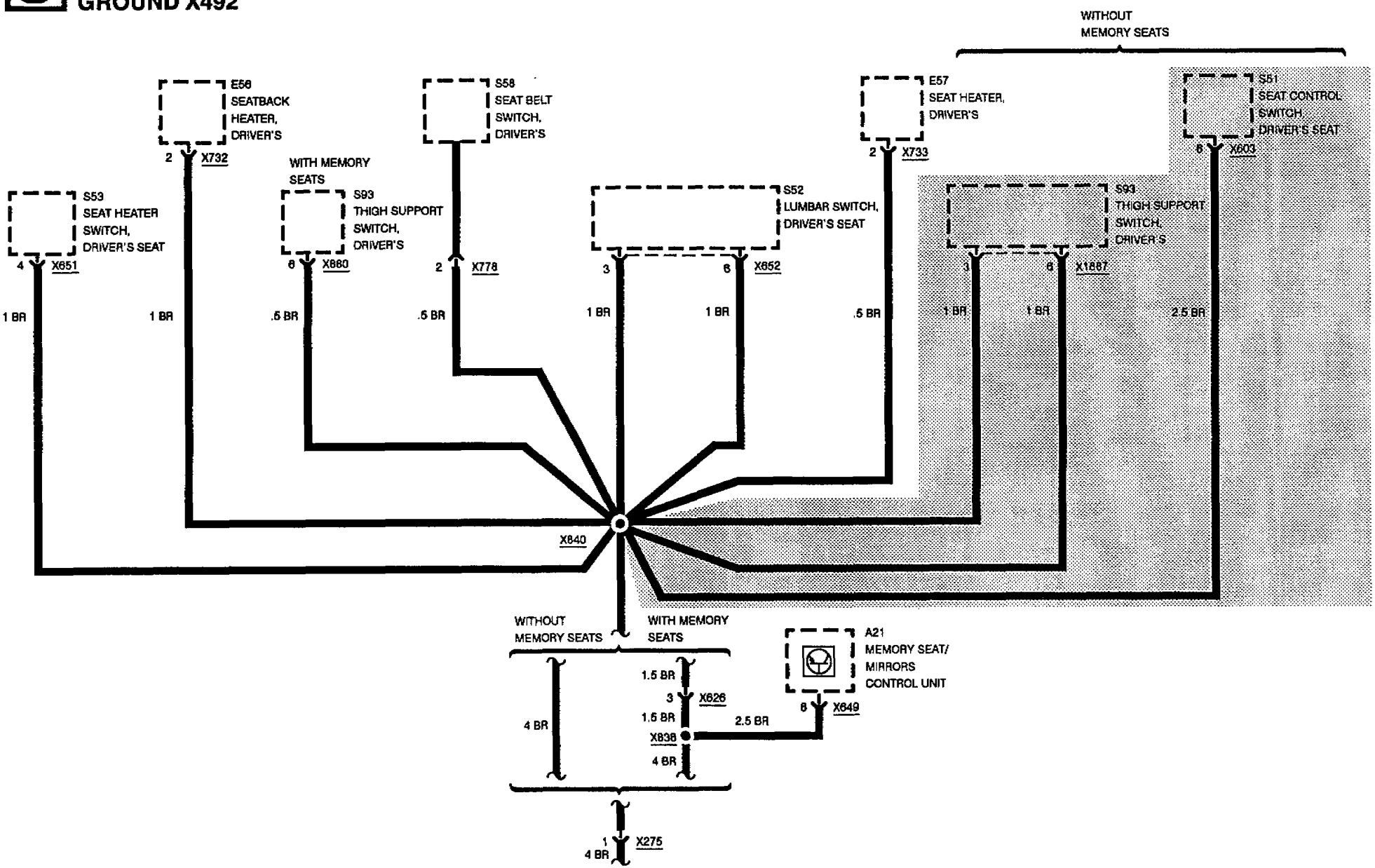
GROUND X491



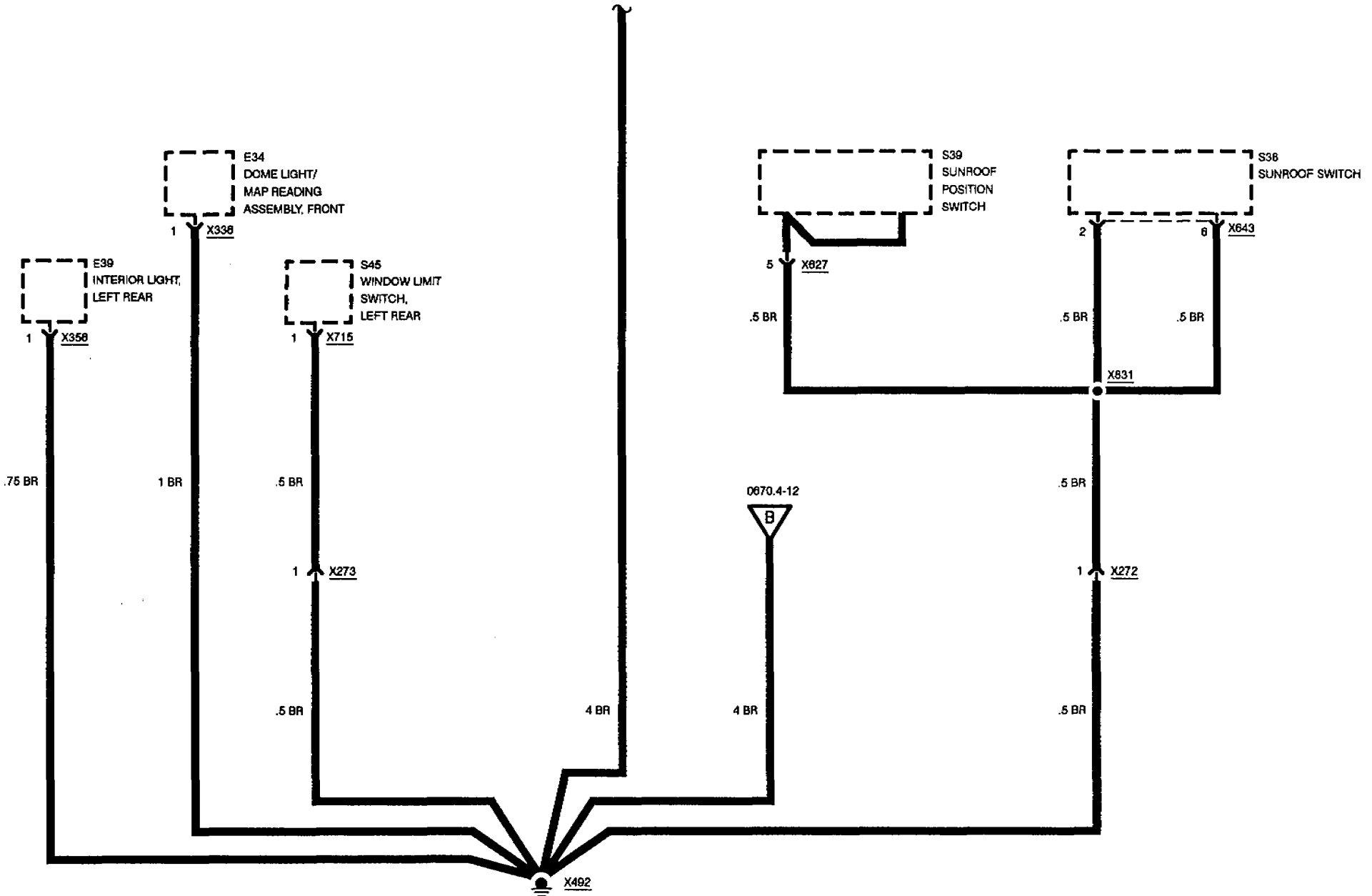
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GROUND DISTRIBUTION

GROUND X492



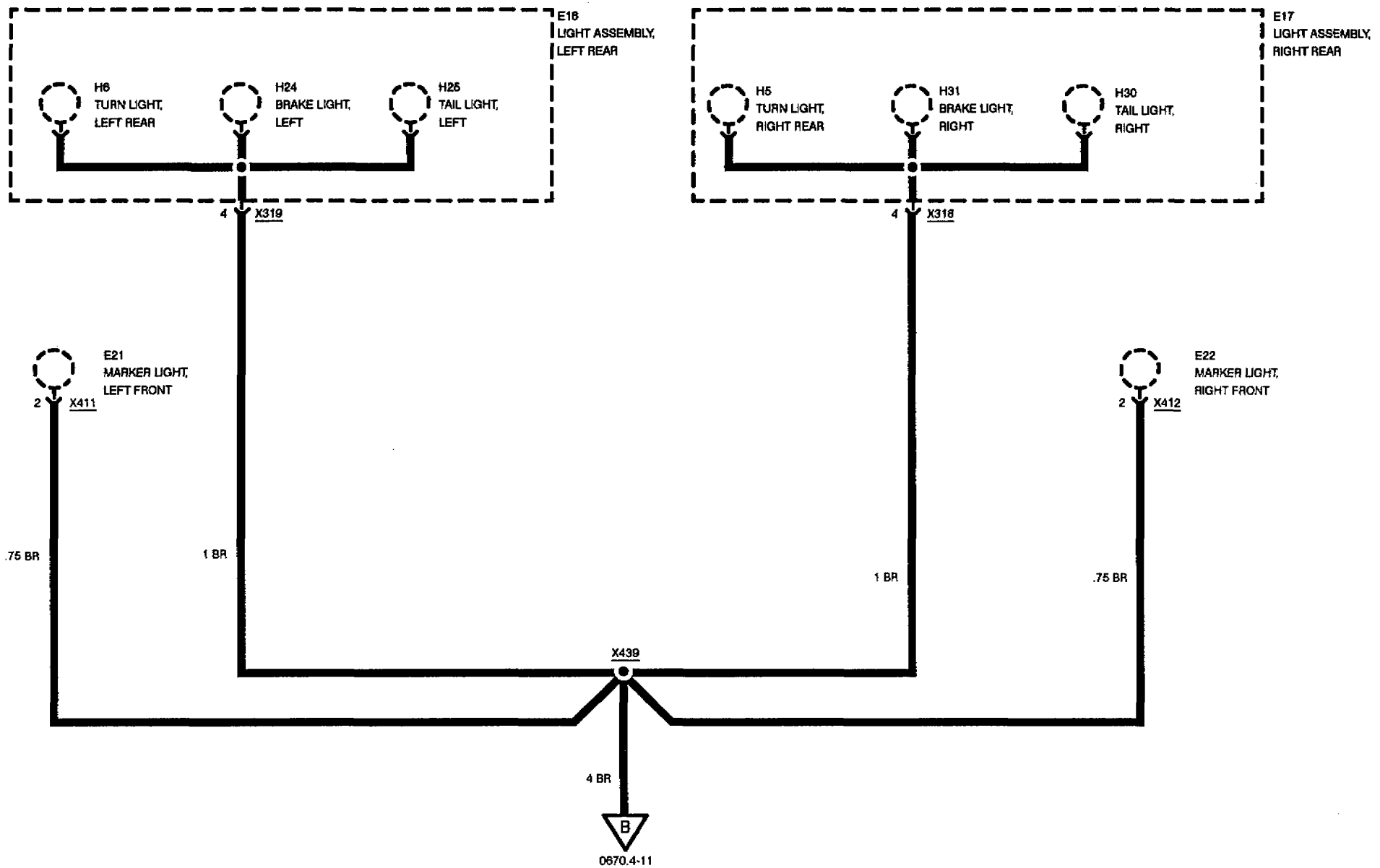
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GROUND DISTRIBUTION

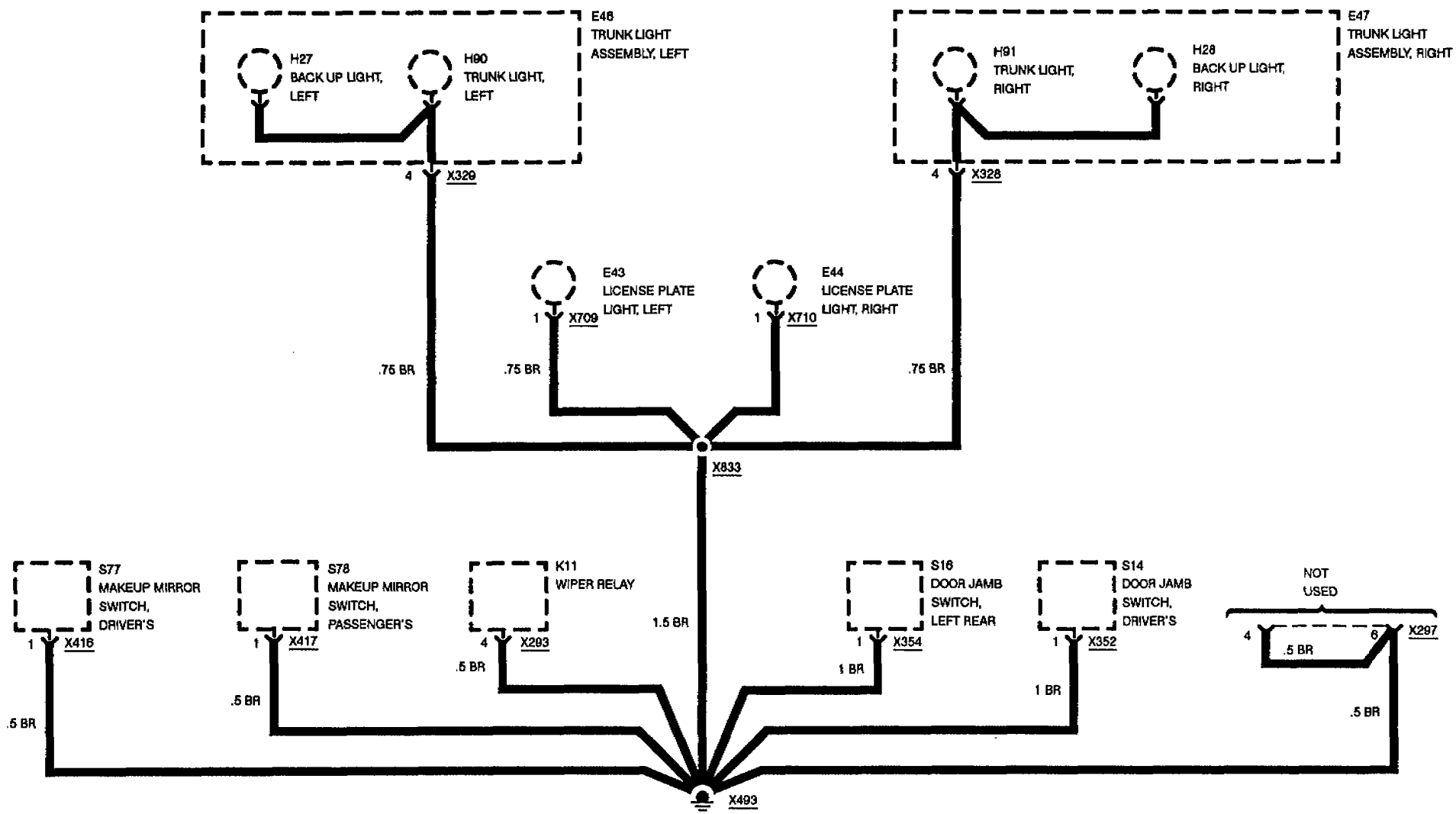
GROUND X492



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GROUND DISTRIBUTION

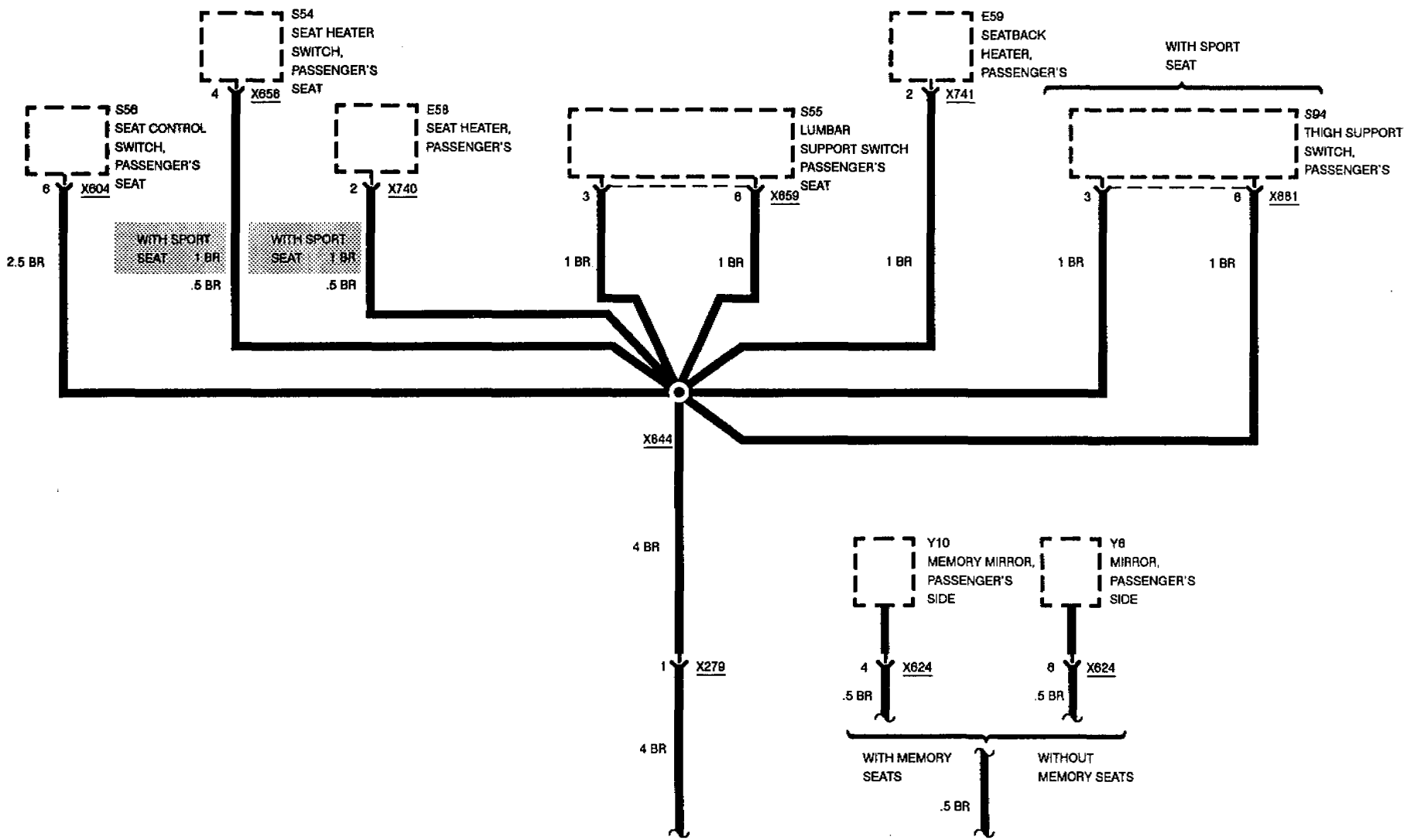
GROUND X493



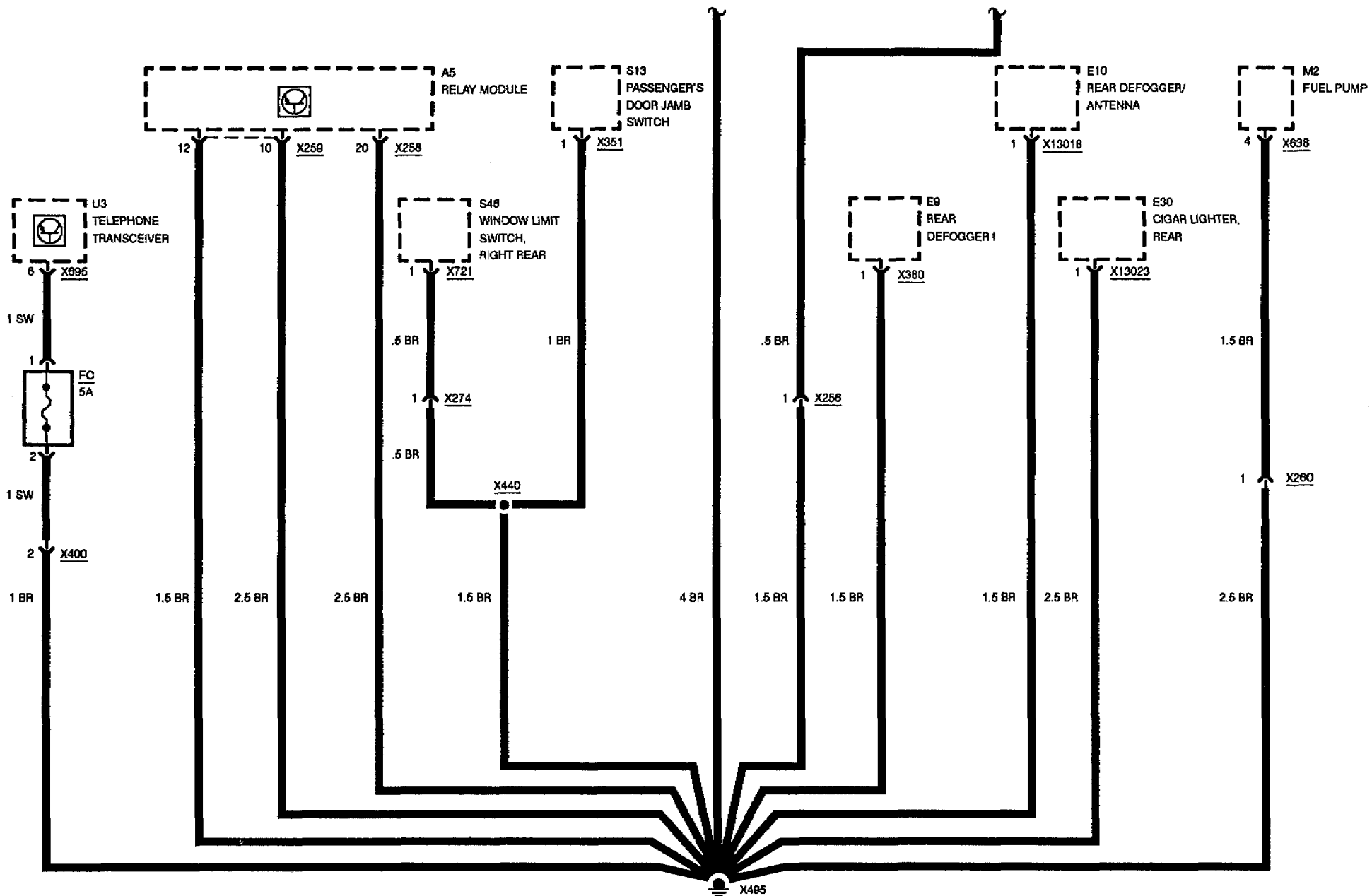
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GROUND DISTRIBUTION

GROUND X495



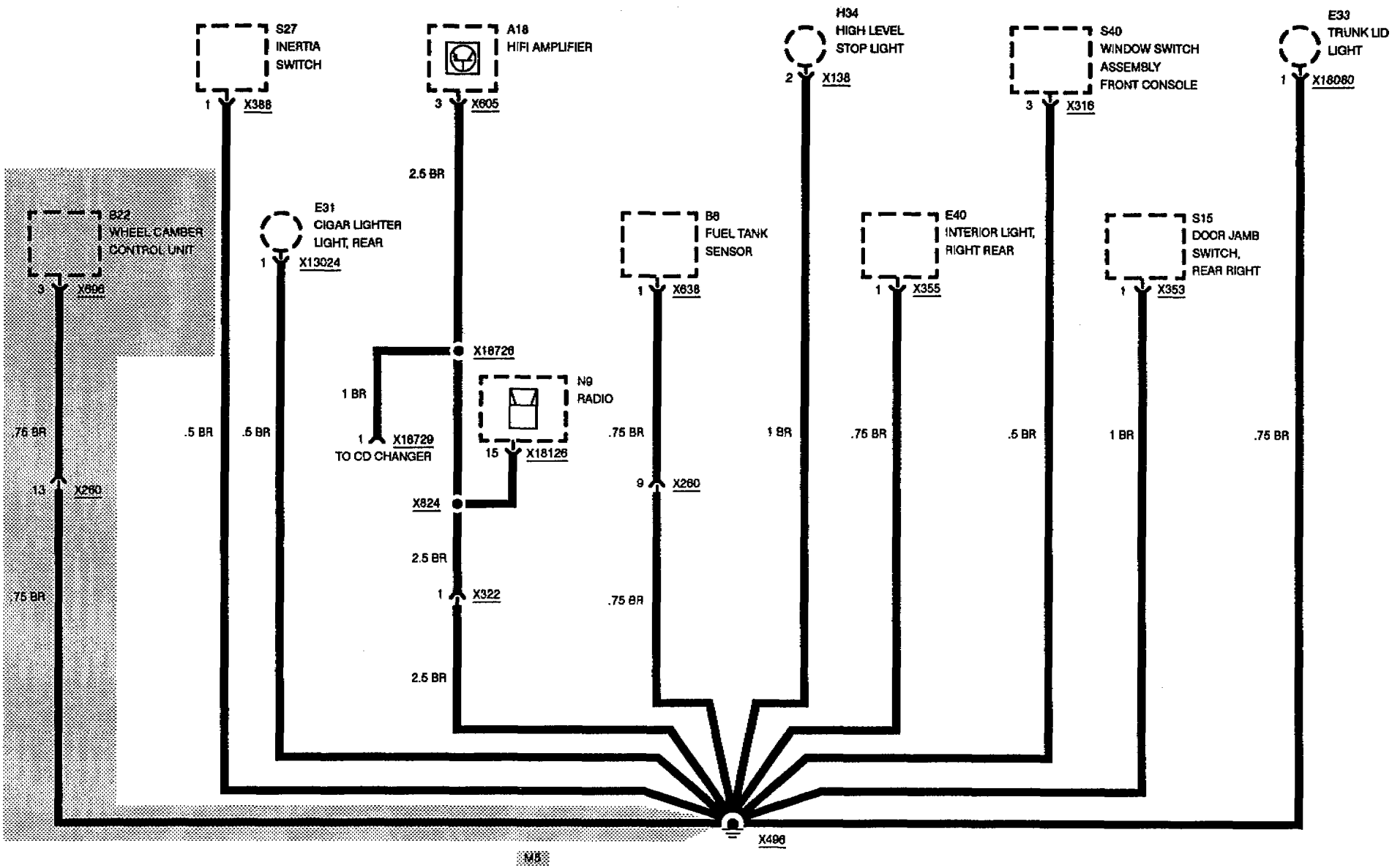
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A5
RELAY MODULE
12
10
X259
20
X258
S13
PASSENGER'S
DOOR JAMB
SWITCH
1
X351
E10
REAR DEFOGGER/
ANTENNA
1
X13018
M2
FUEL PUMP
4
X638
U3
TELEPHONE
TRANSCEIVER
6
X695
1 SW
1
FC
5A
2
1 SW
2
X400
S46
WINDOW LIMIT
SWITCH,
RIGHT REAR
1
X721
.5 BR
1 BR
1
X274
.5 BR
X440
E9
REAR
DEFOGGER
1
X380
.5 BR
1
X256
E30
CIGAR LIGHTER,
REAR
1
X13023
1.5 BR
1
X260
1 BR
1.5 BR
2.5 BR
2.5 BR
1.5 BR
4 BR
1.5 BR
1.5 BR
1.5 BR
2.5 BR
2.5 BR
X485

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GROUND DISTRIBUTION

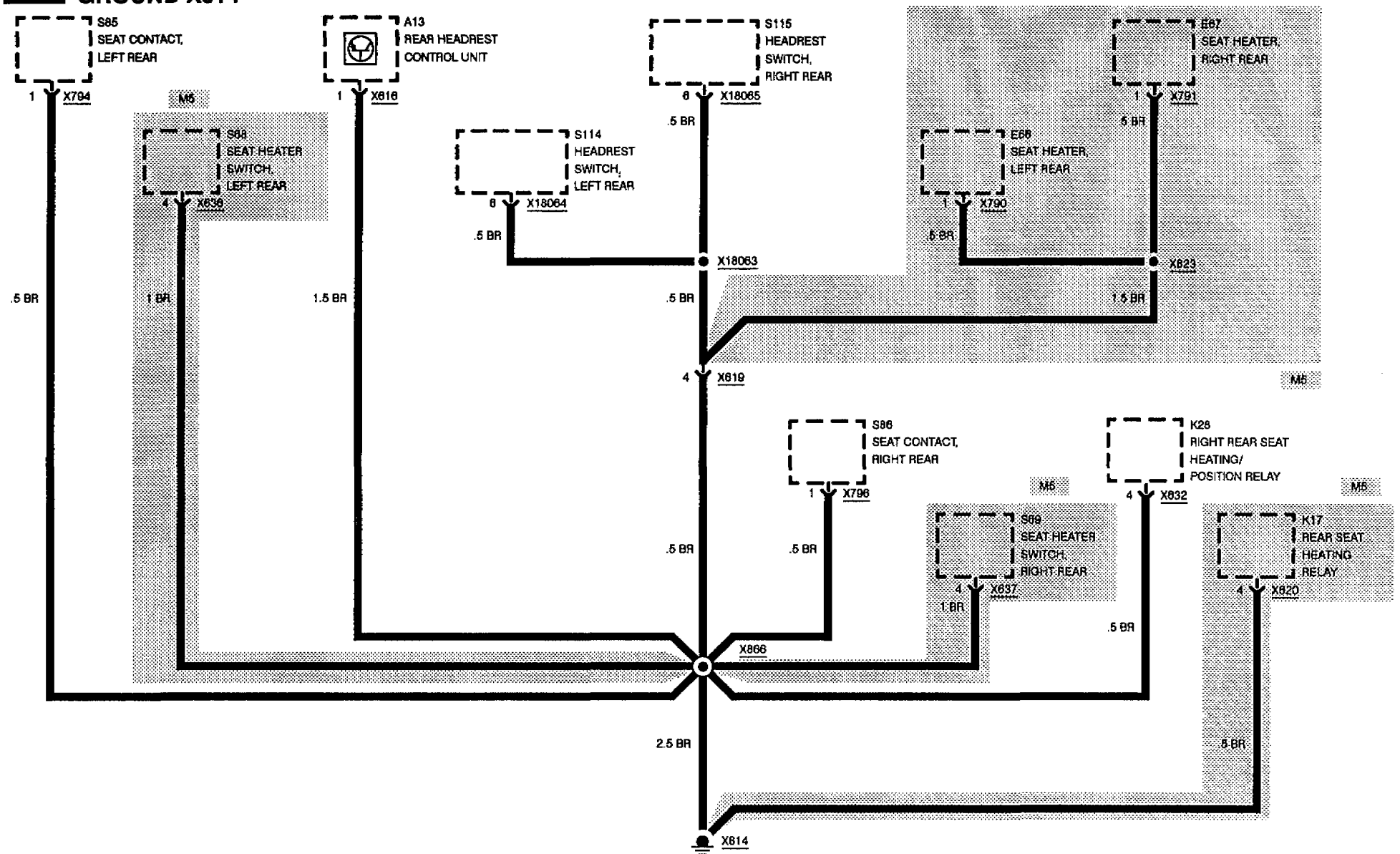
GROUND X496



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GROUND DISTRIBUTION

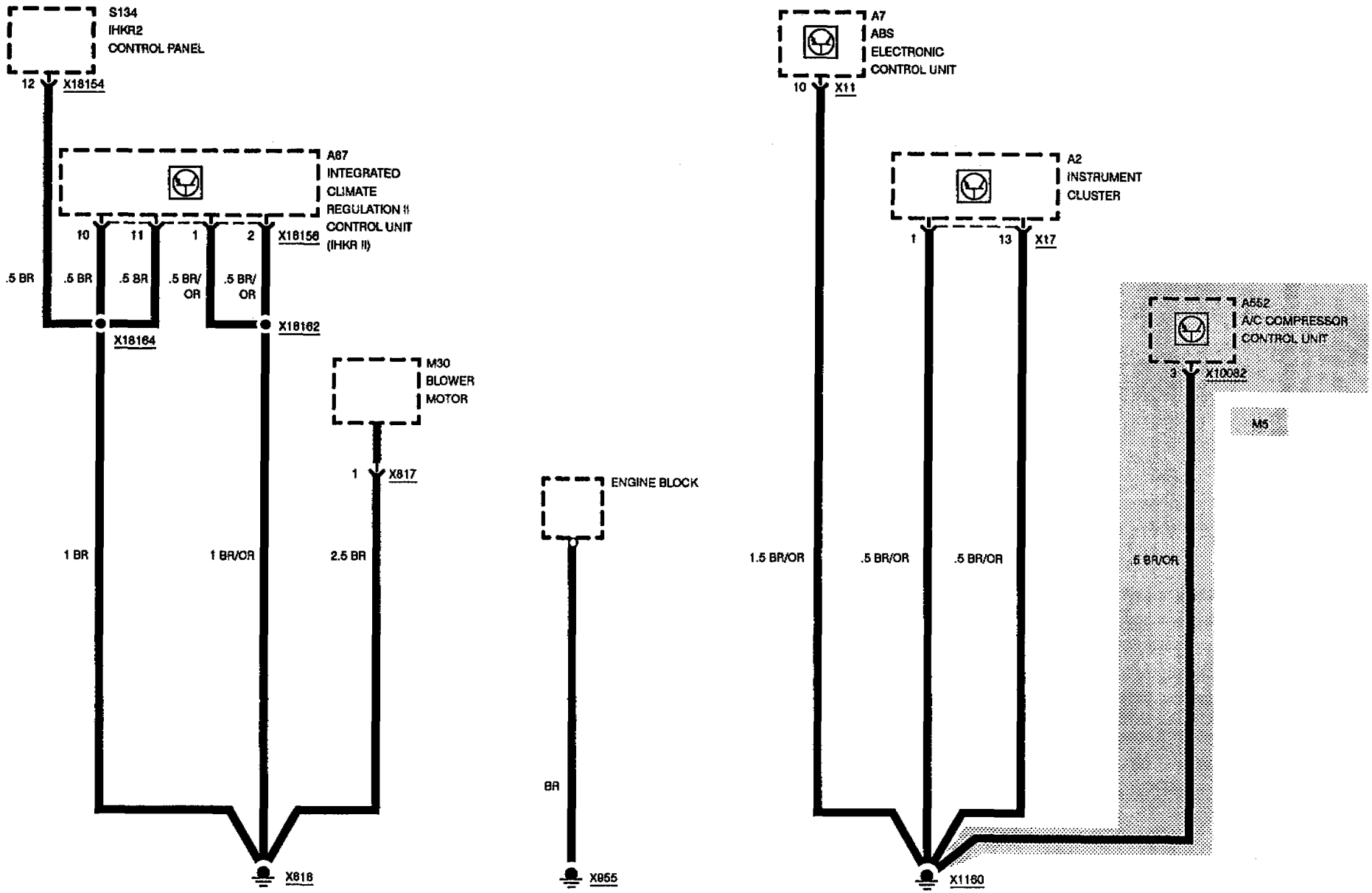
GROUND X814



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GROUND DISTRIBUTION

GROUND X818, X955, AND X1160

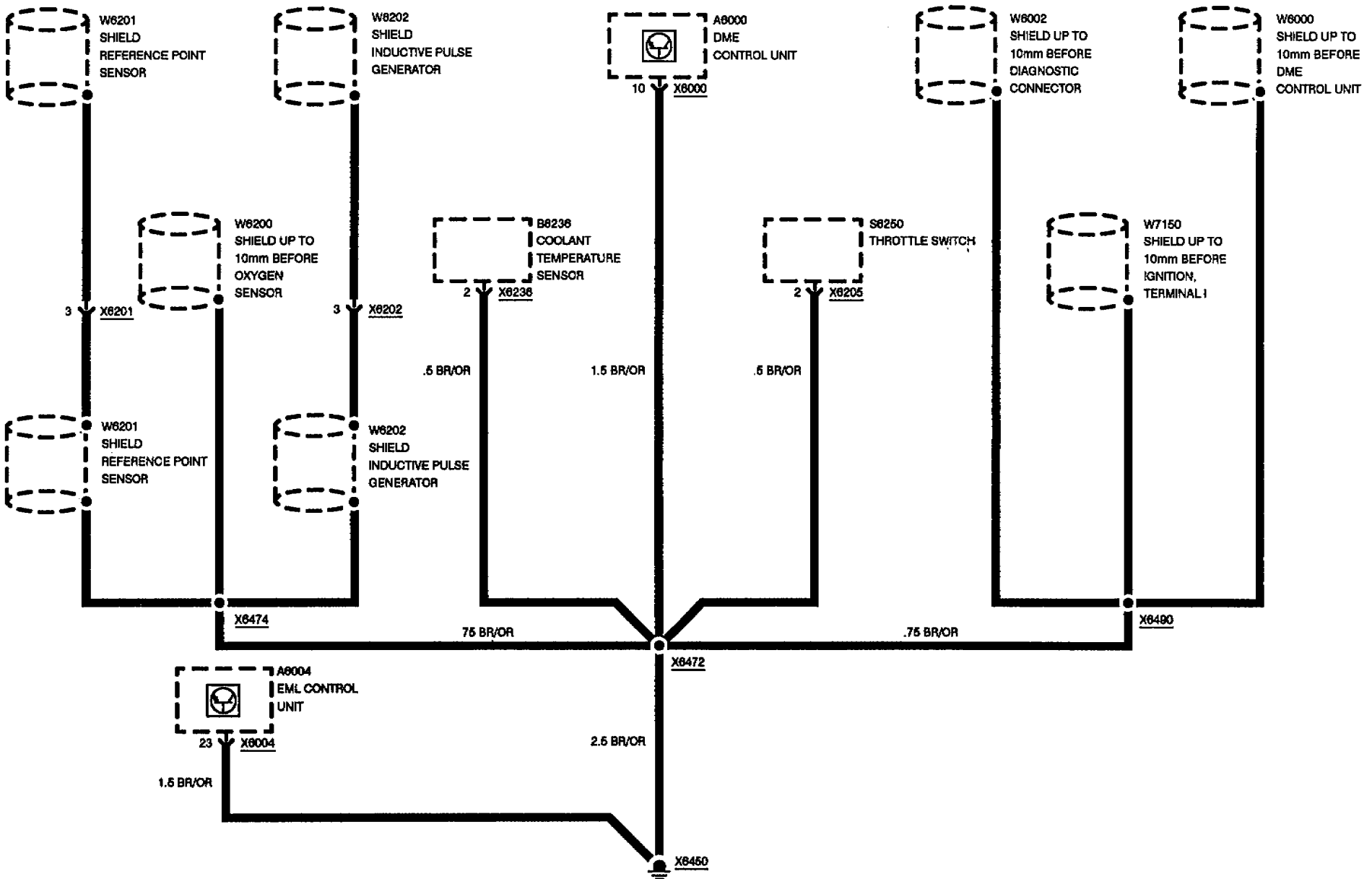


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GROUND DISTRIBUTION

535i

GROUND X6450 WITH EML

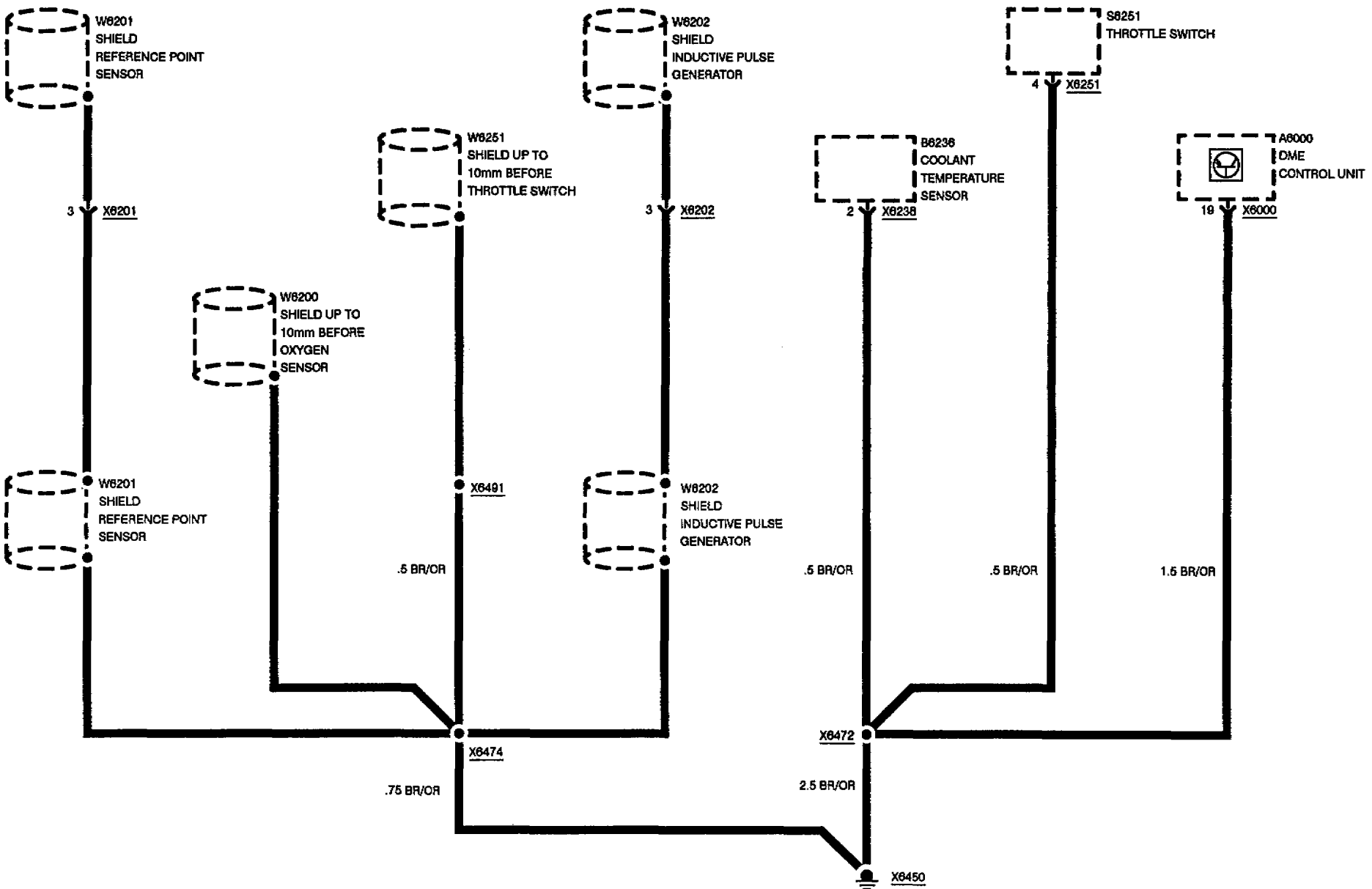


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GROUND DISTRIBUTION

535i

GROUND X6450 WITHOUT EML, WITH EGS

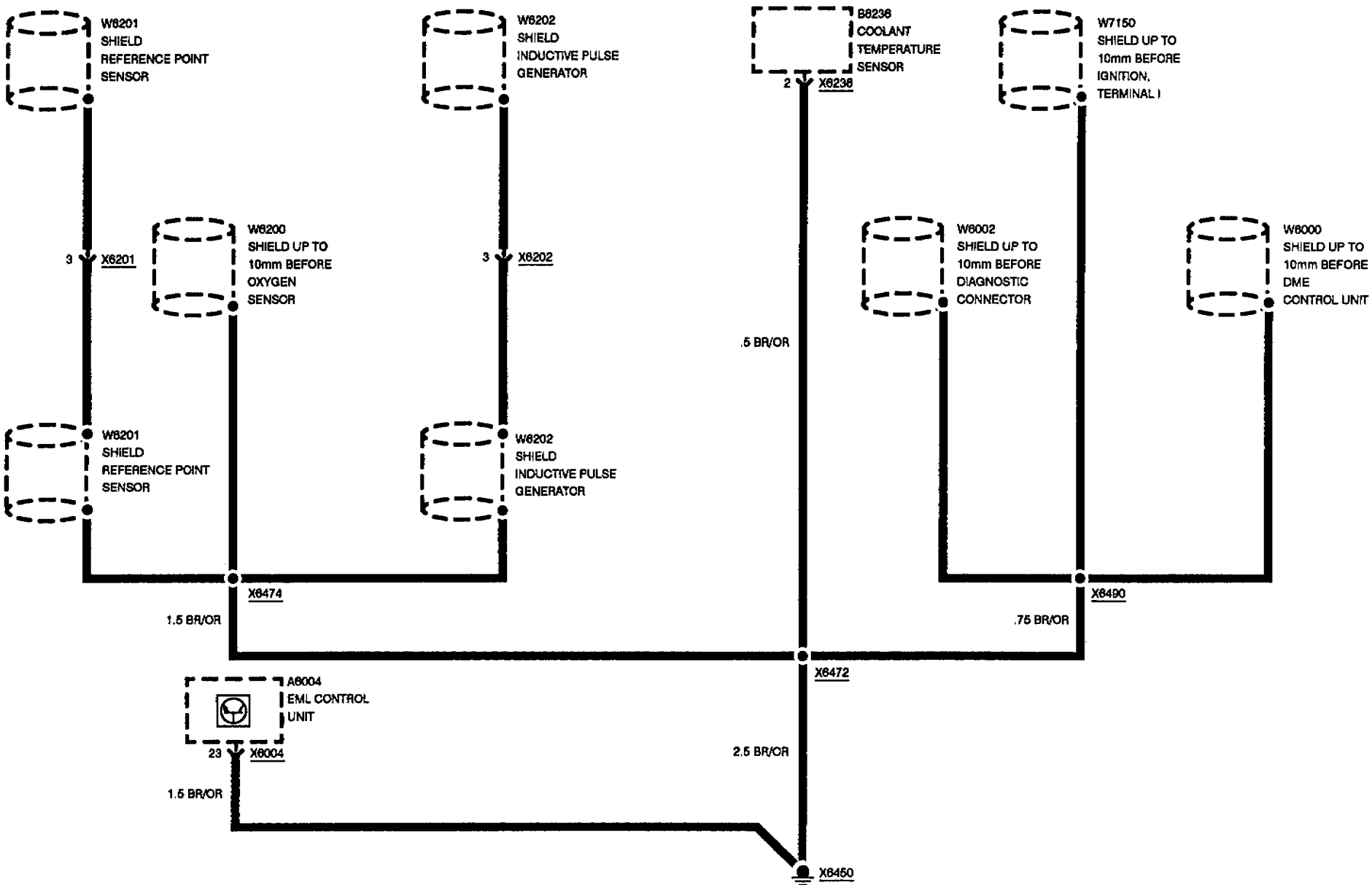


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GROUND DISTRIBUTION

535i

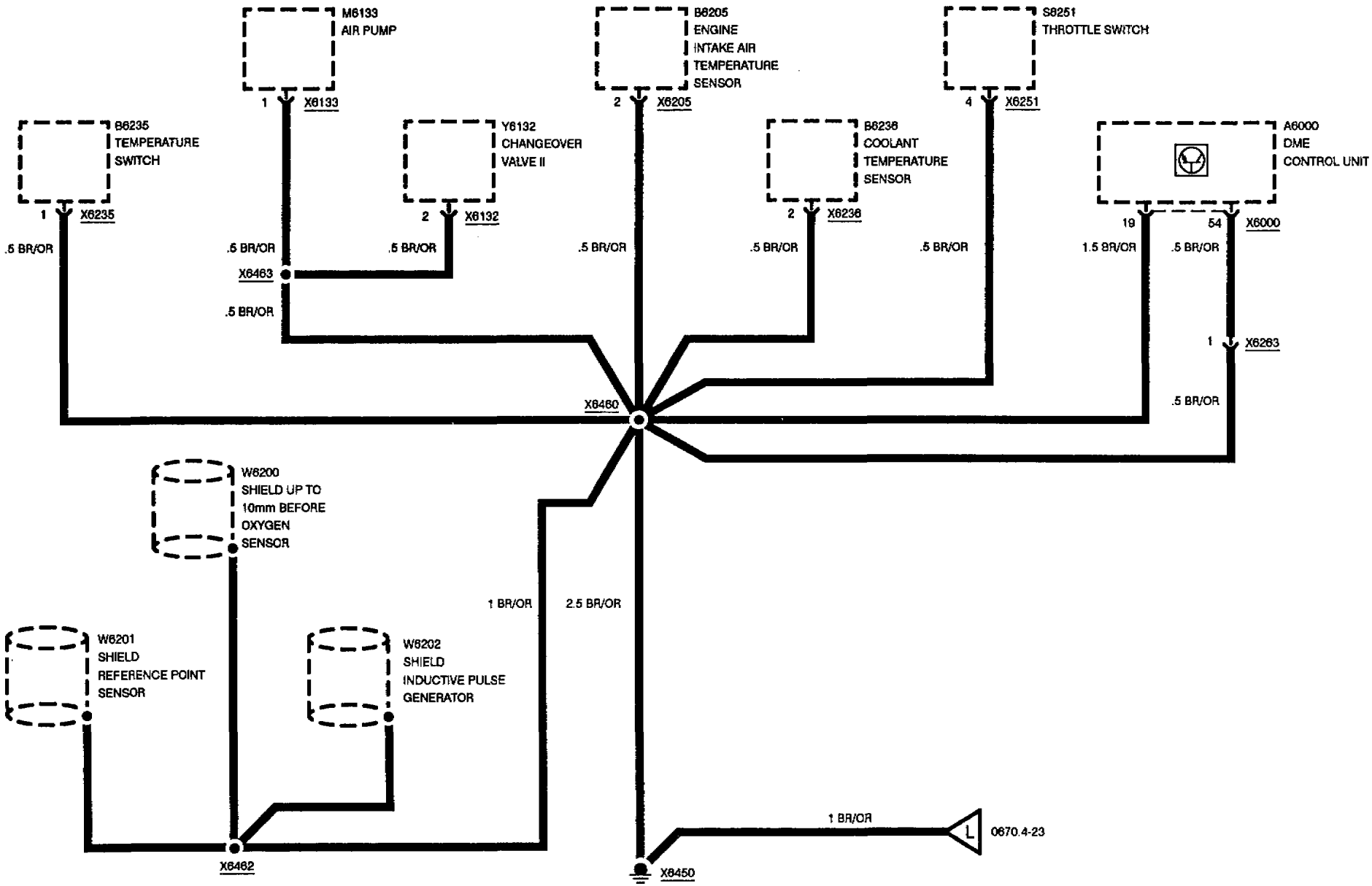
GROUND X6450 WITH EML



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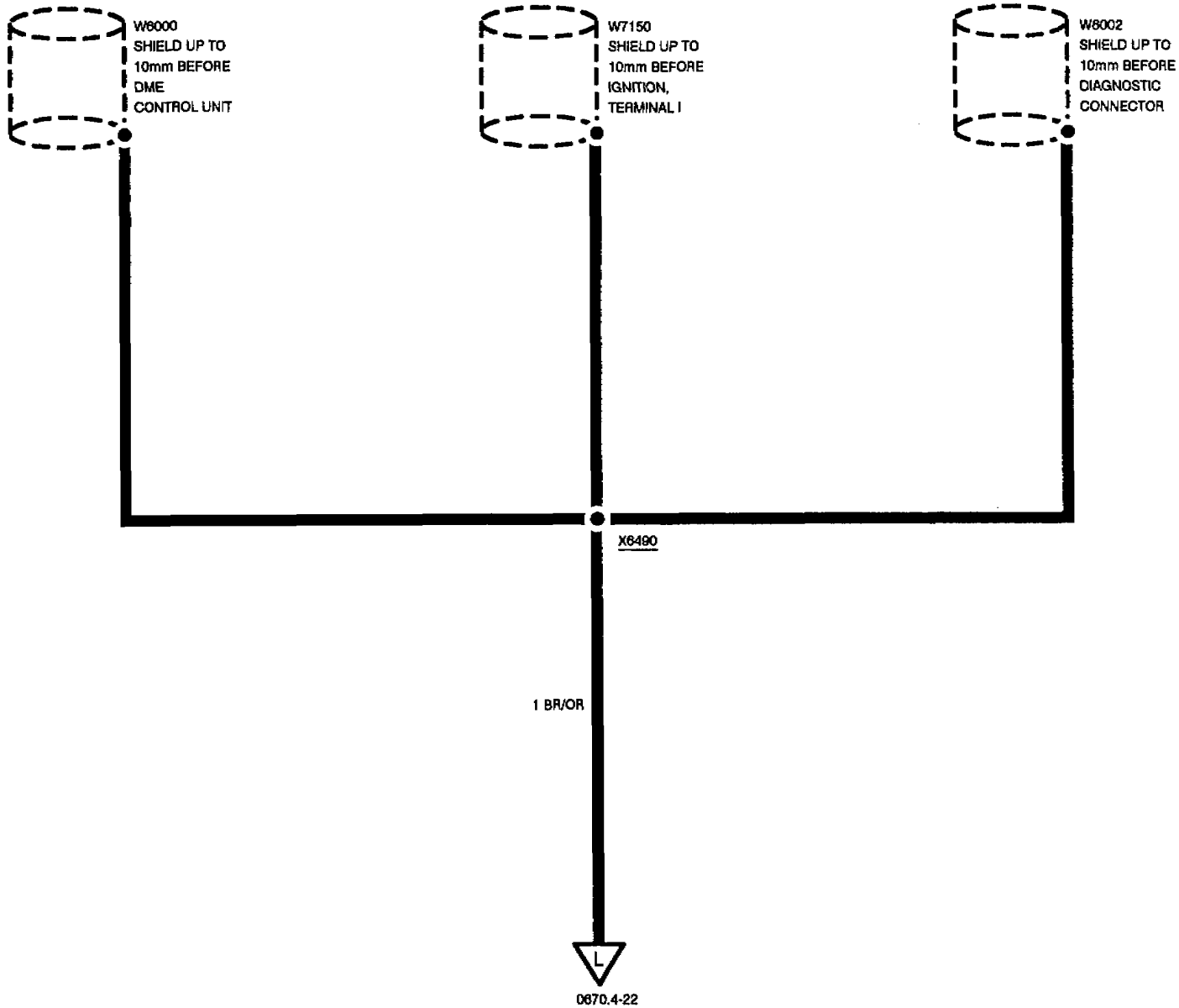
GROUND DISTRIBUTION

GROUND X6450



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GROUND DISTRIBUTION

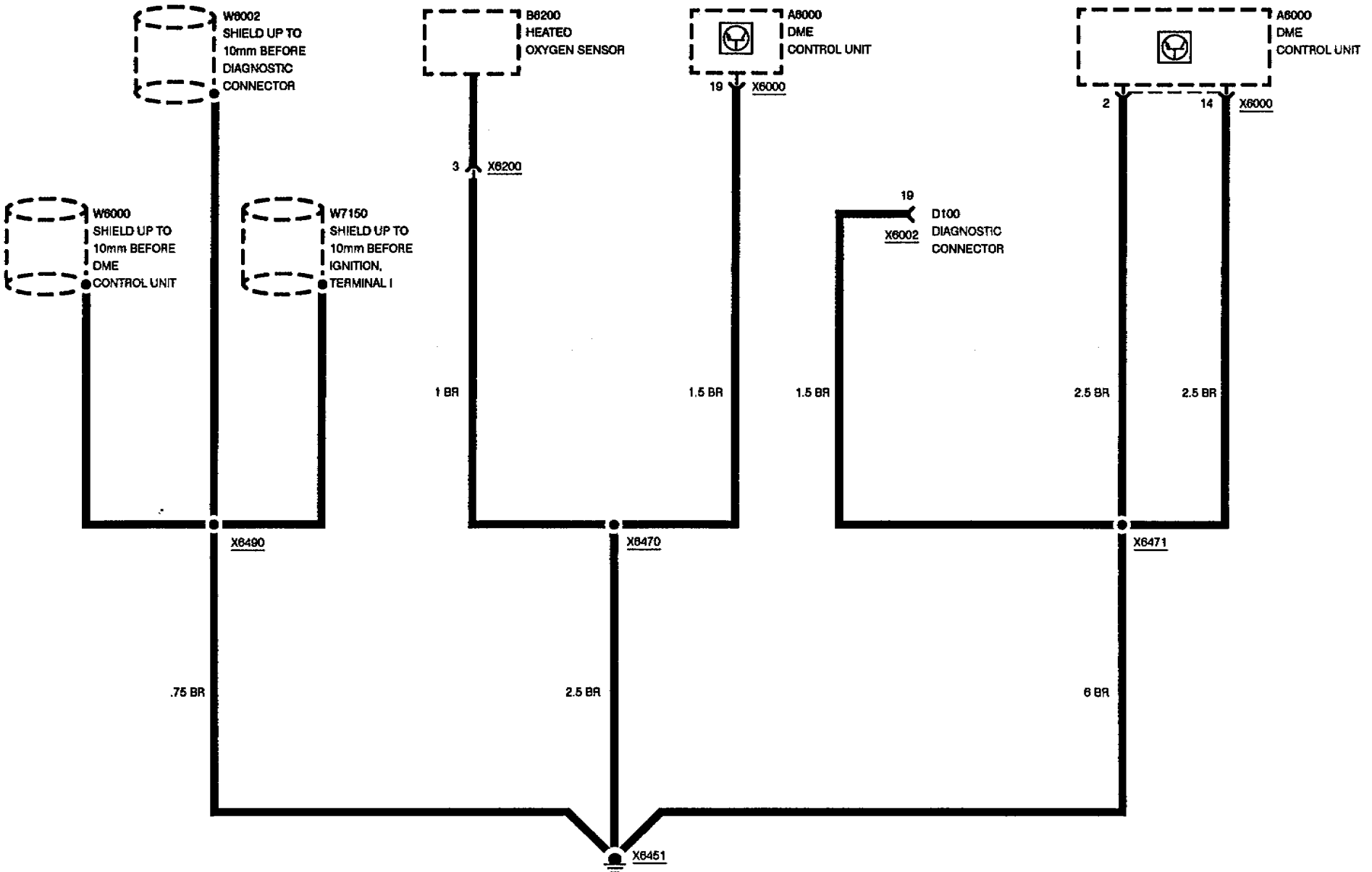


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GROUND DISTRIBUTION

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GROUND X6451 WITHOUT EML

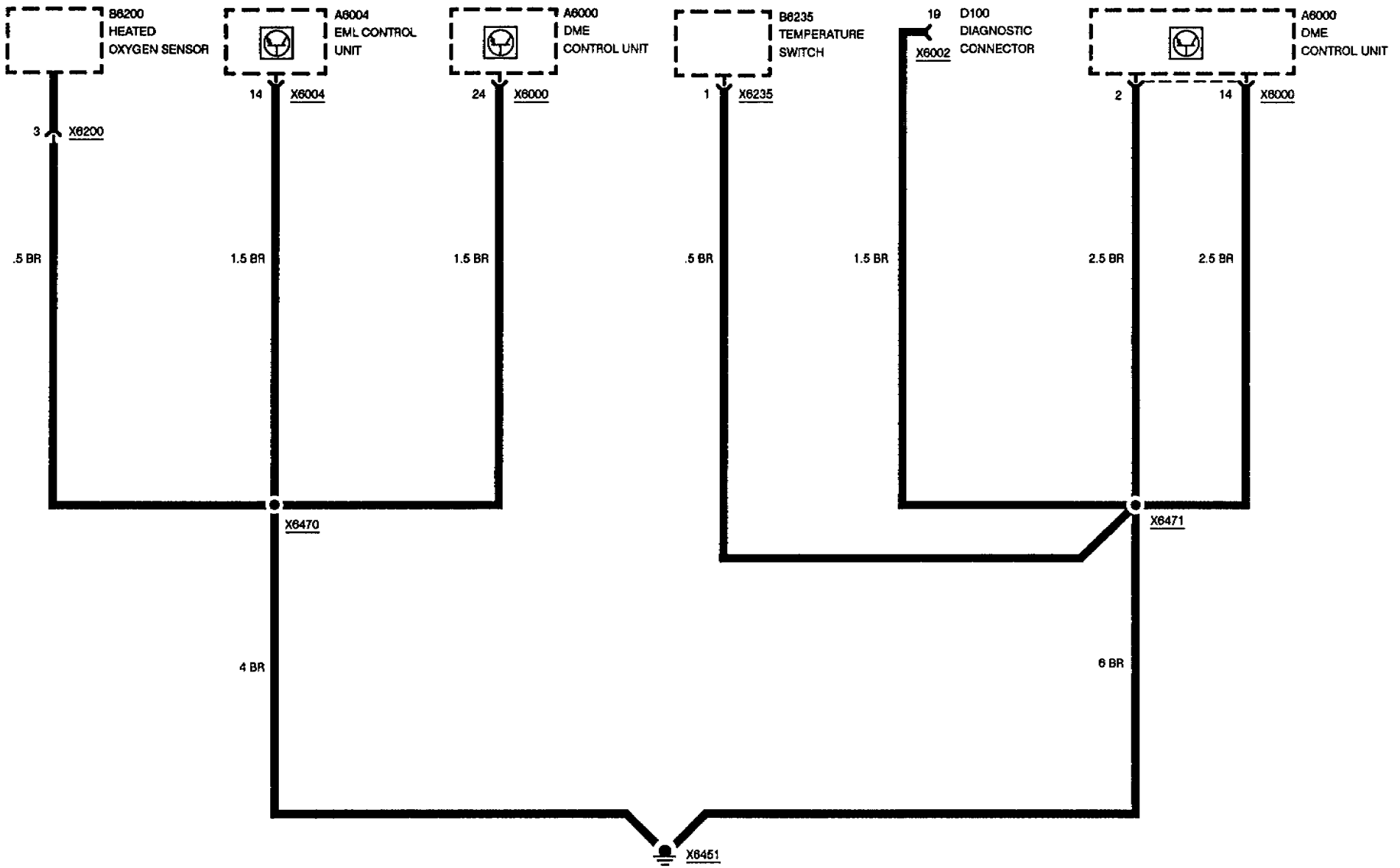


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GROUND DISTRIBUTION

535i

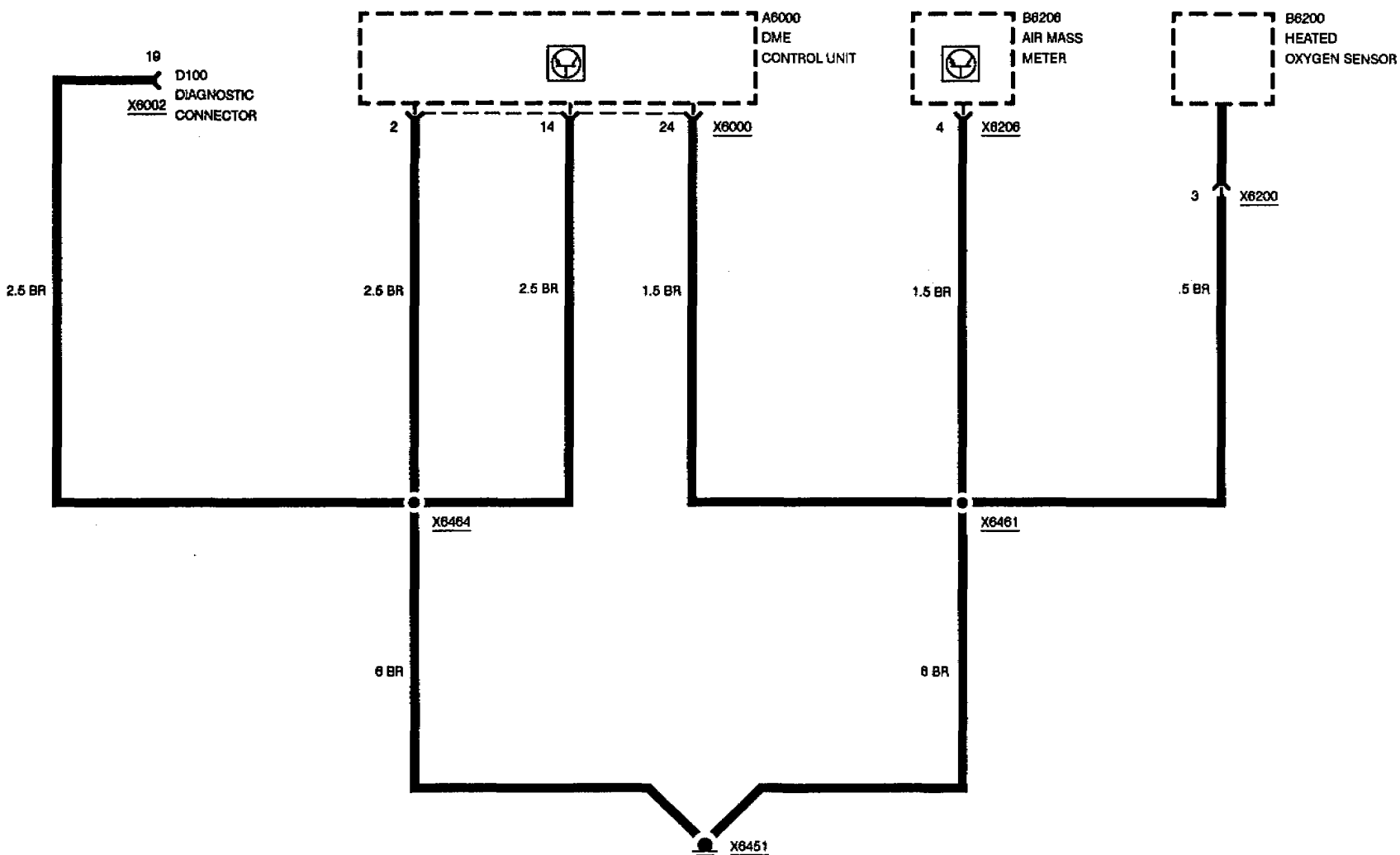
GROUND X6451 WITH EML



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GROUND DISTRIBUTION

GROUND X6451

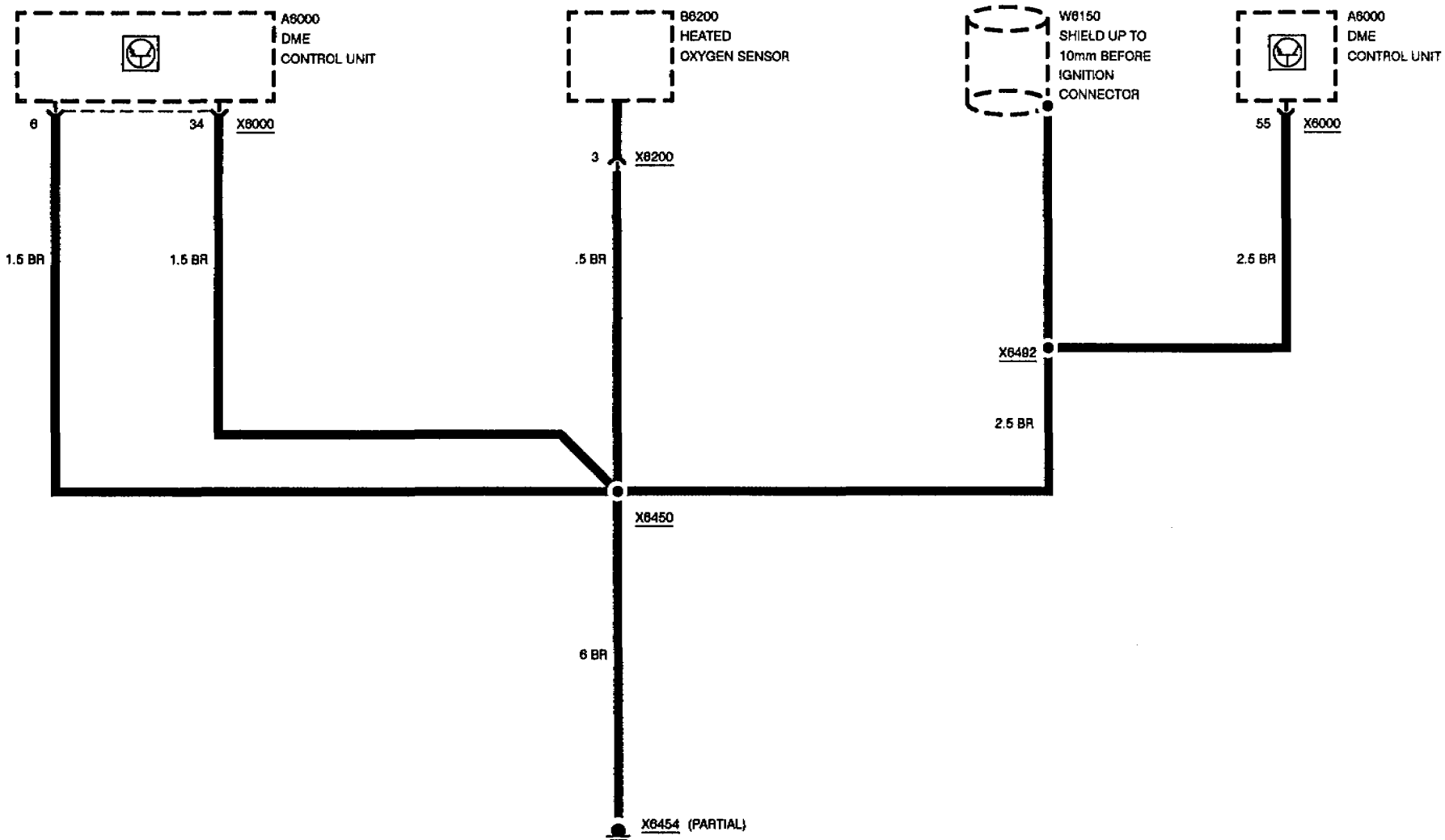


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GROUND DISTRIBUTION

GROUND X6454

525i

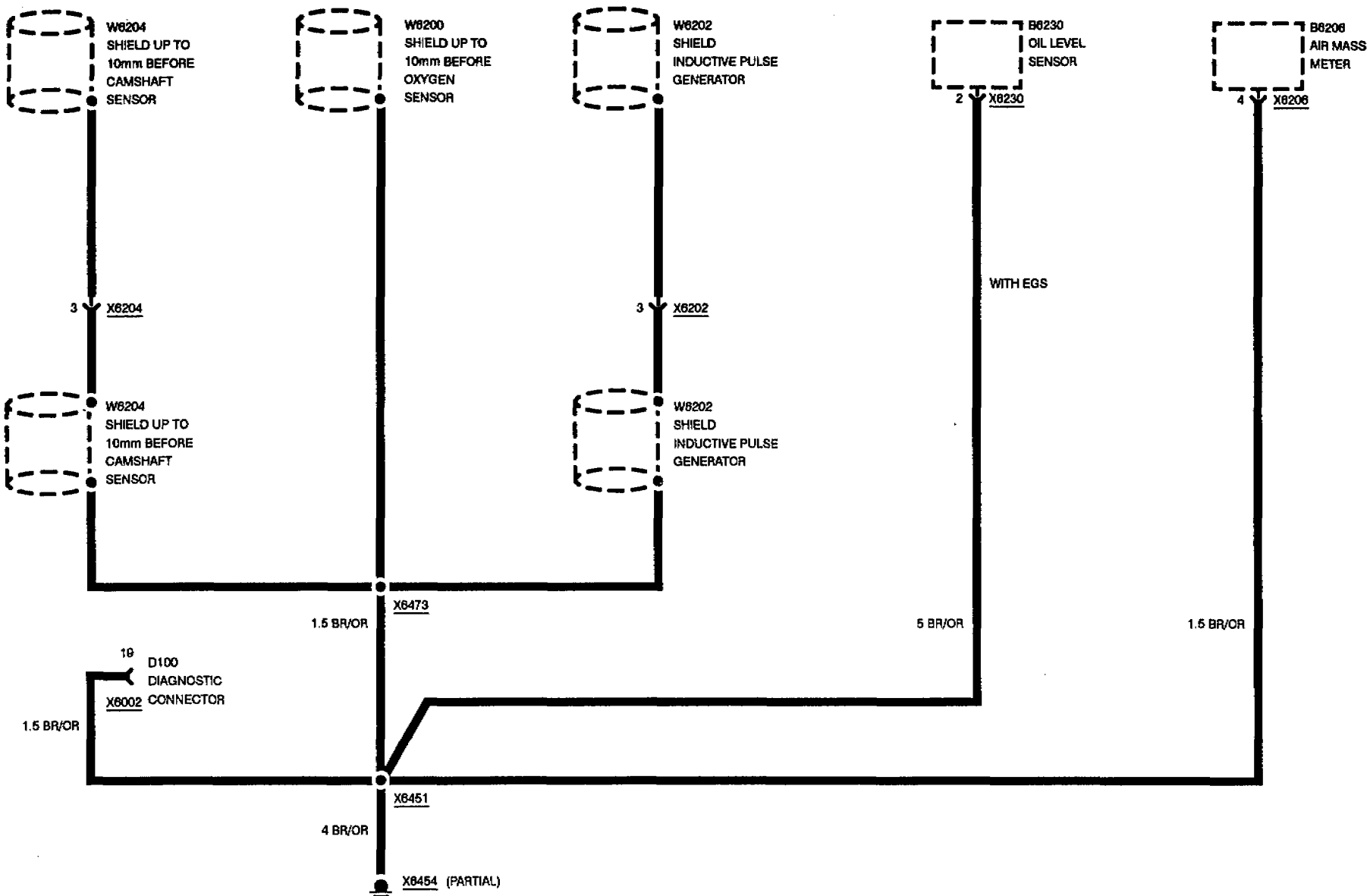


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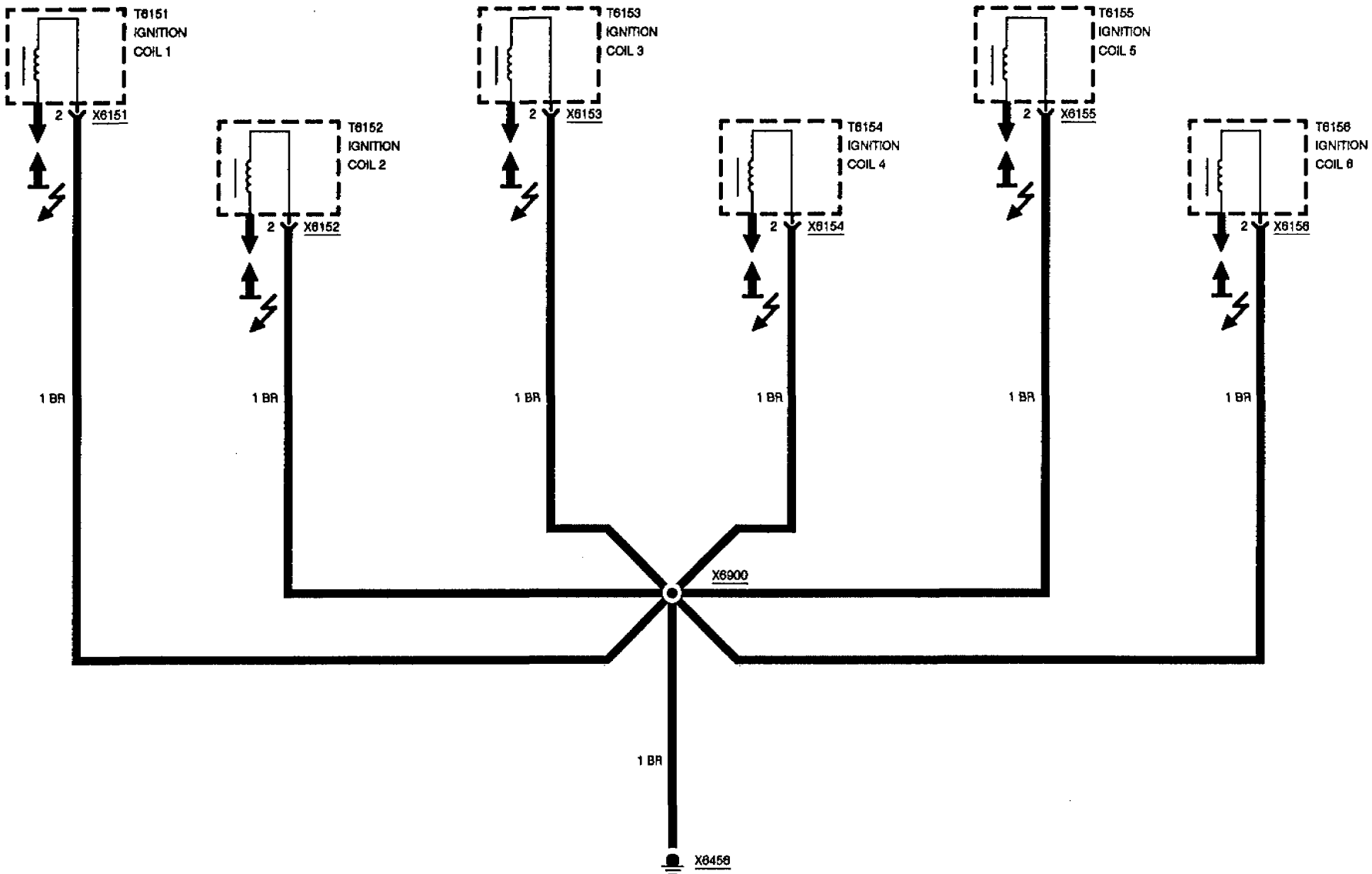
525i

GROUND X6454



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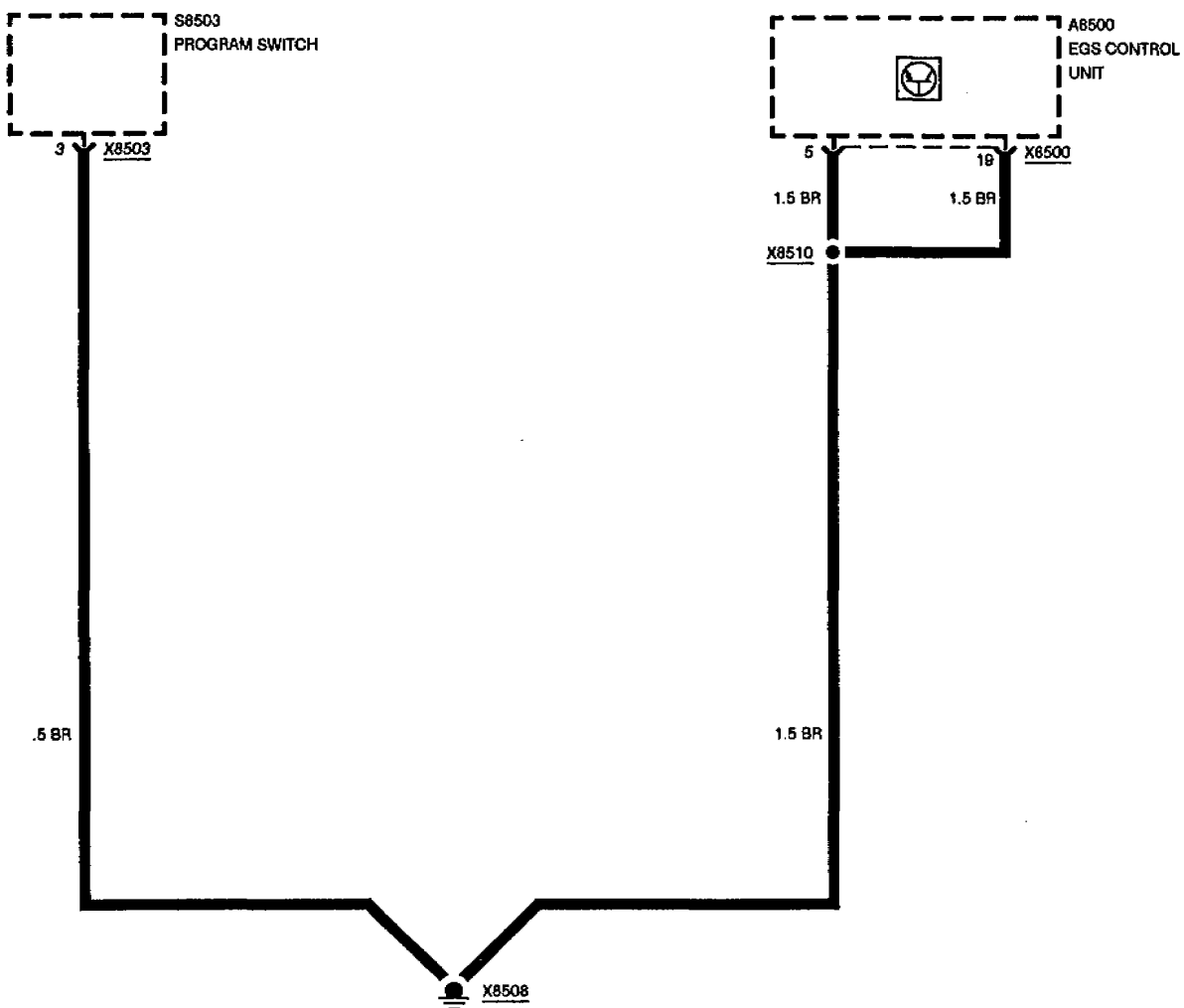
GROUND X6456



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GROUND DISTRIBUTION

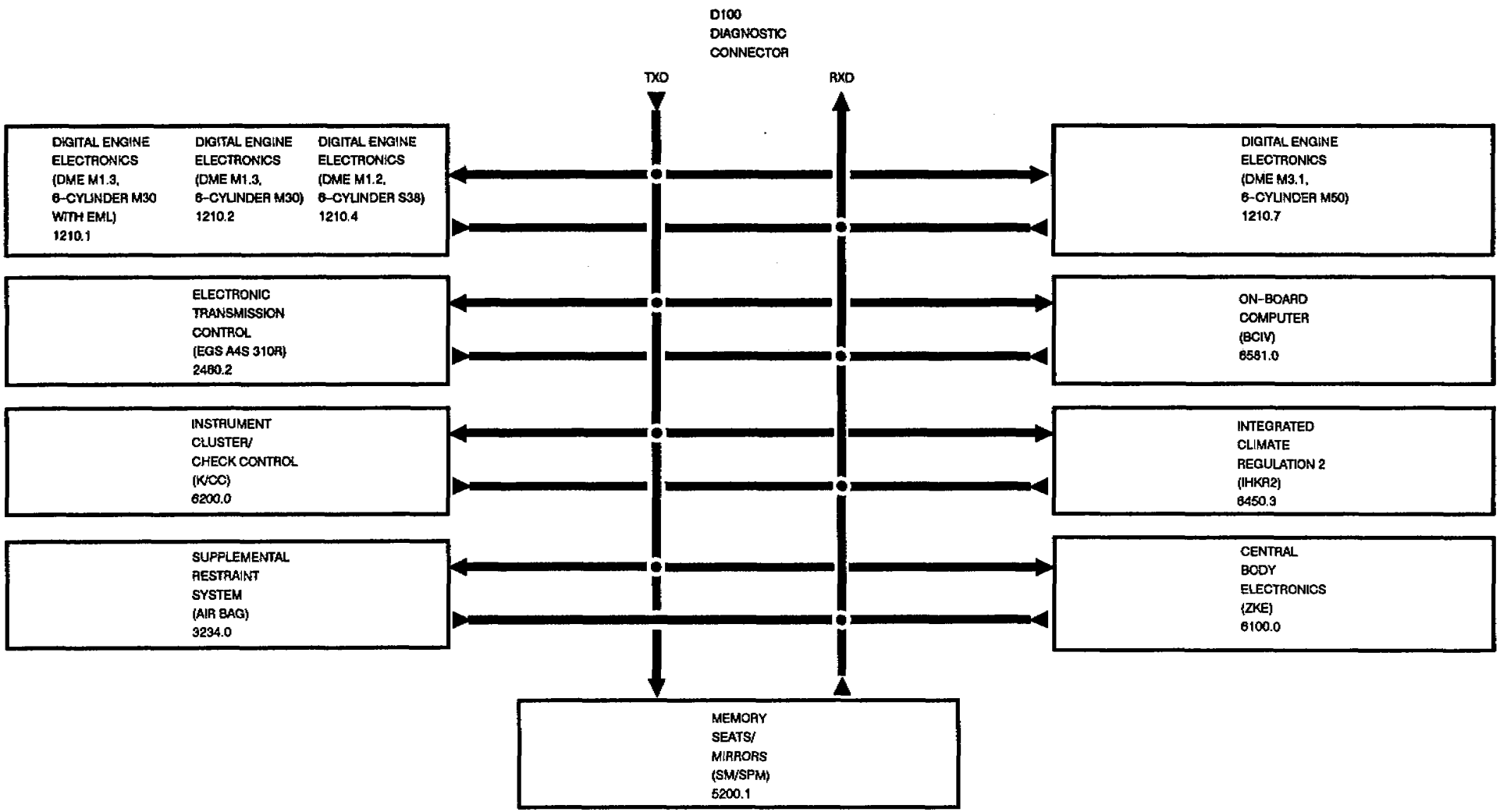
GROUND X8508



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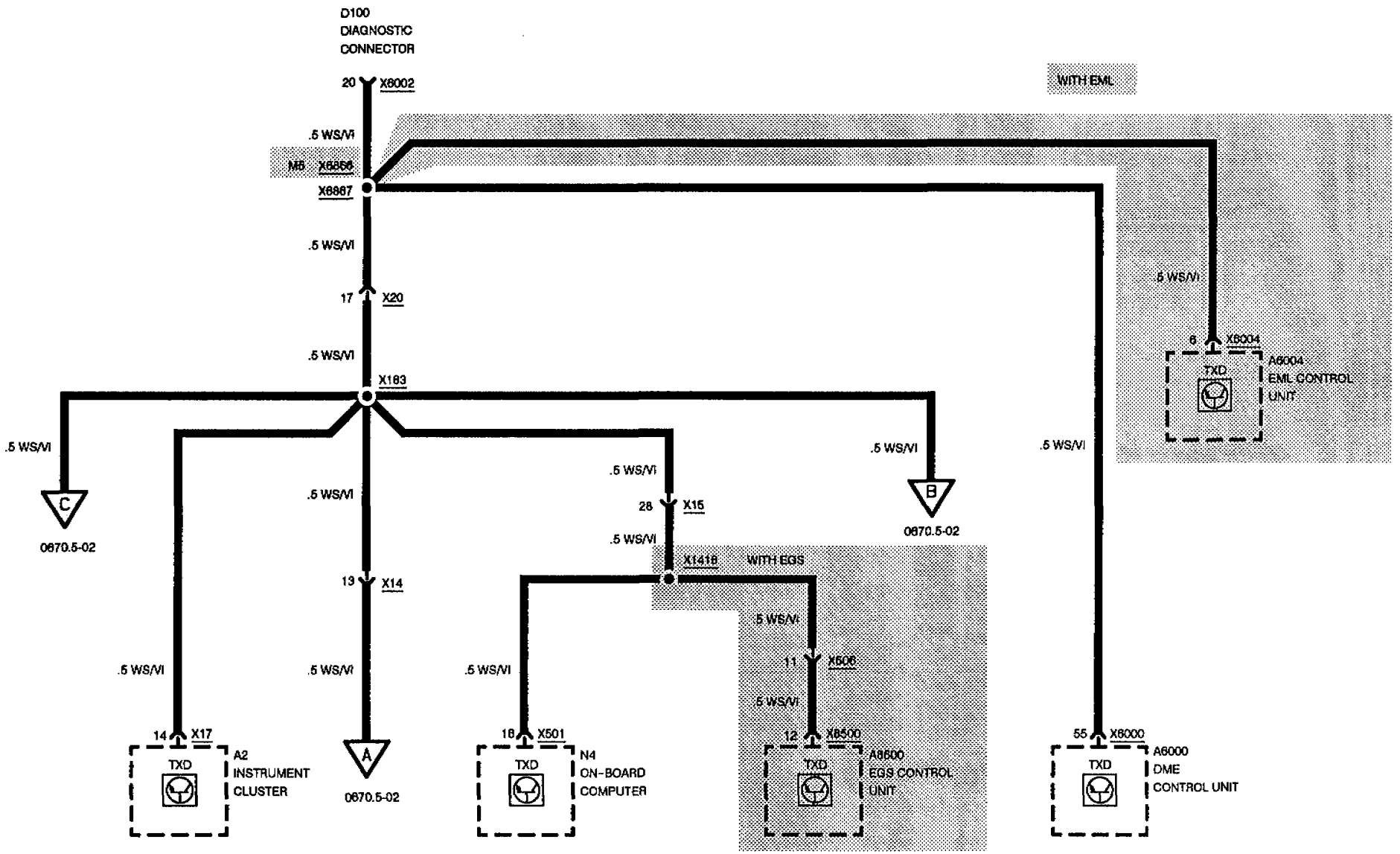
DIAGNOSTIC LINK

BLOCK DIAGRAM



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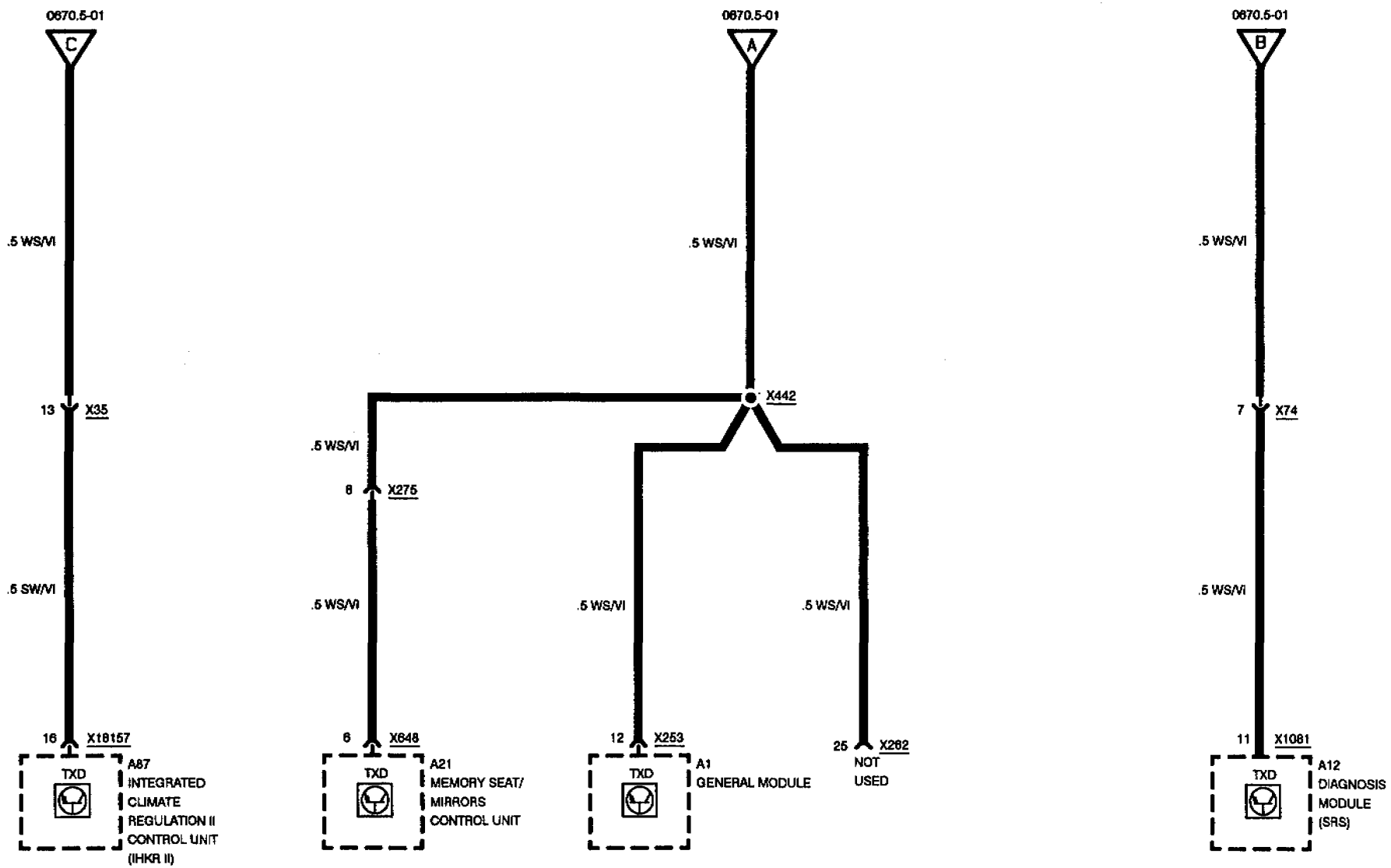
DIAGNOSTIC LINK
TXD



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DIAGNOSTIC LINK

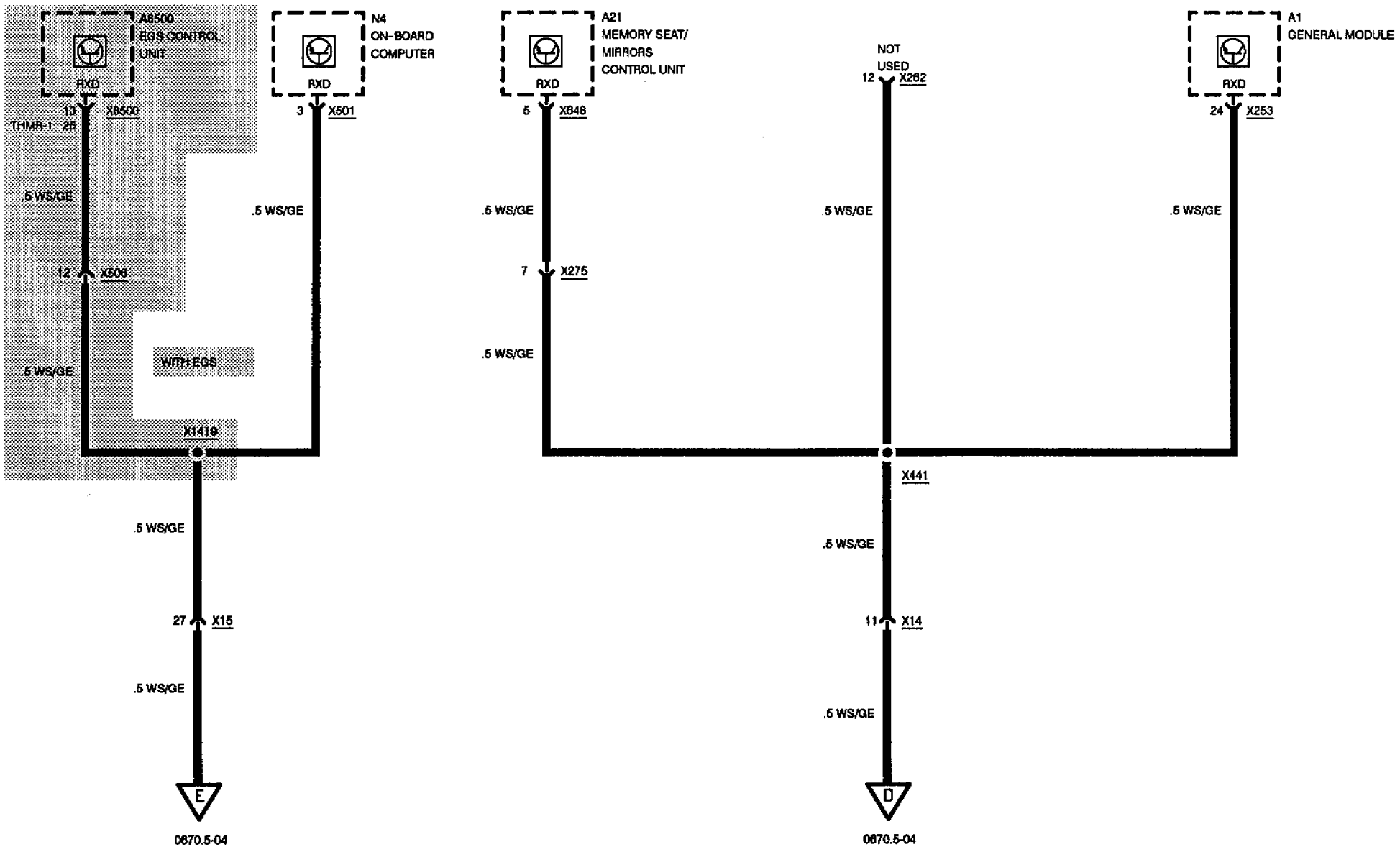
TXD



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DIAGNOSTIC LINK

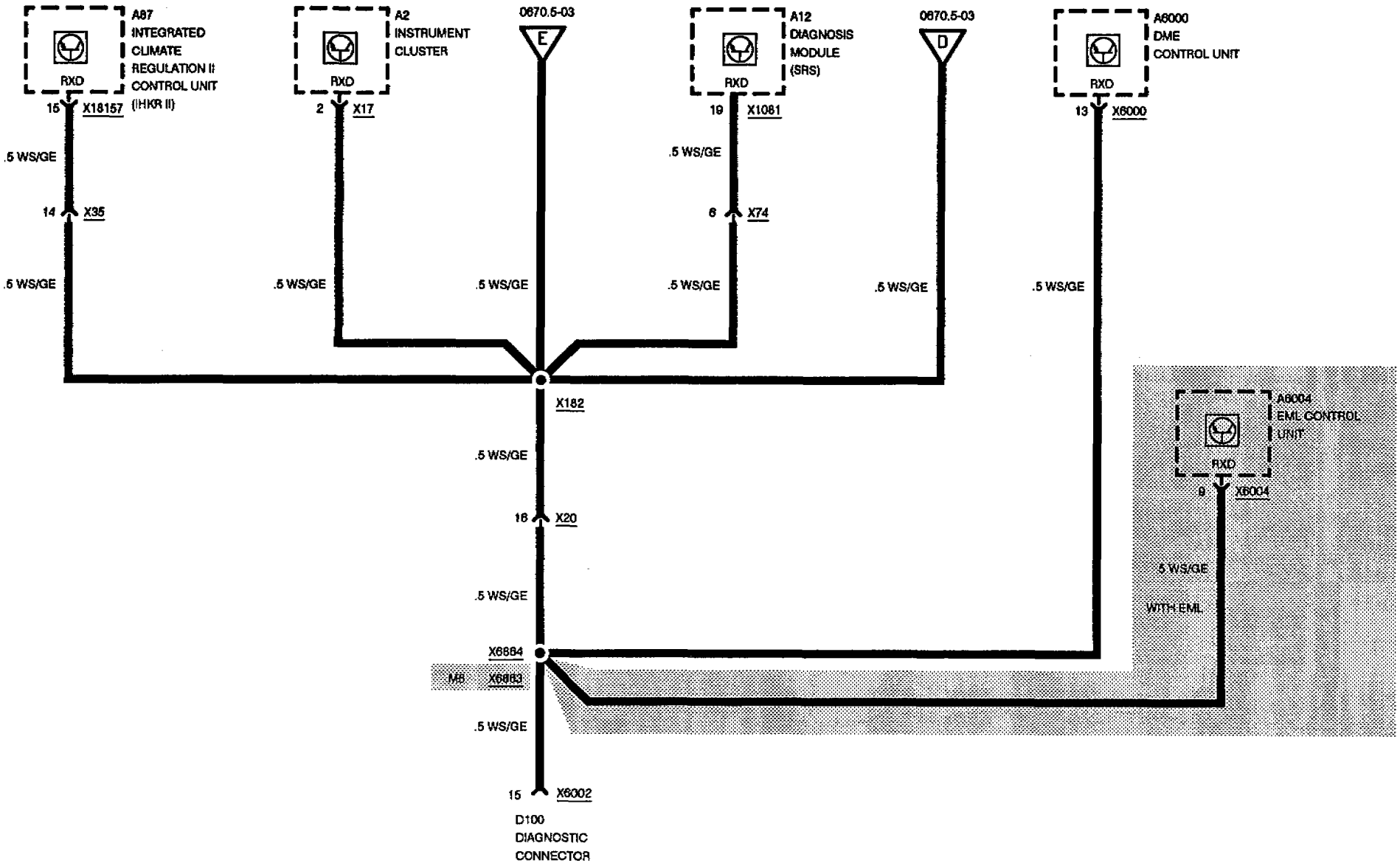
RXD



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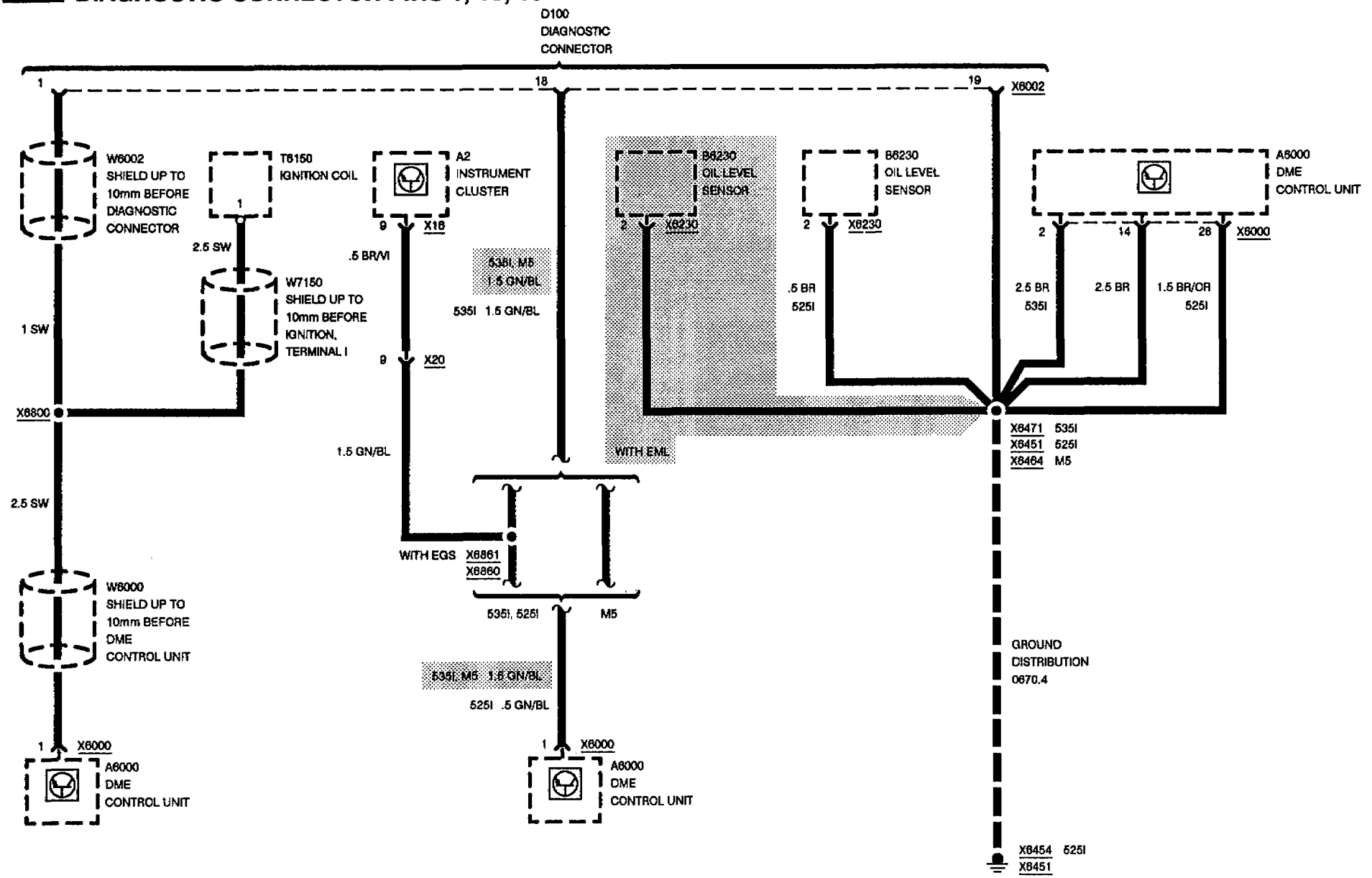
RXD



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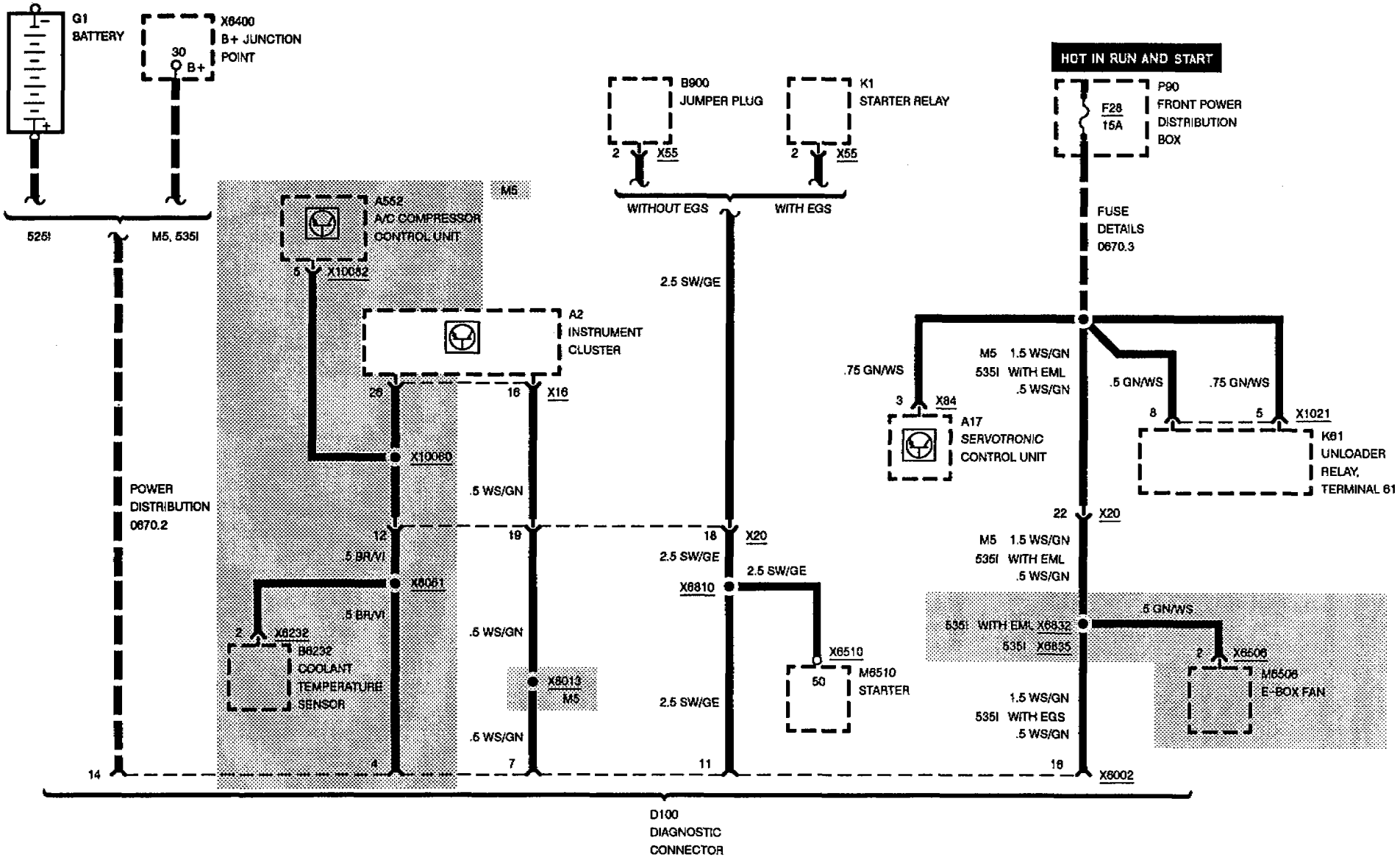
DIAGNOSTIC CONNECTOR PINS 1, 18, 19



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DIAGNOSTIC LINK

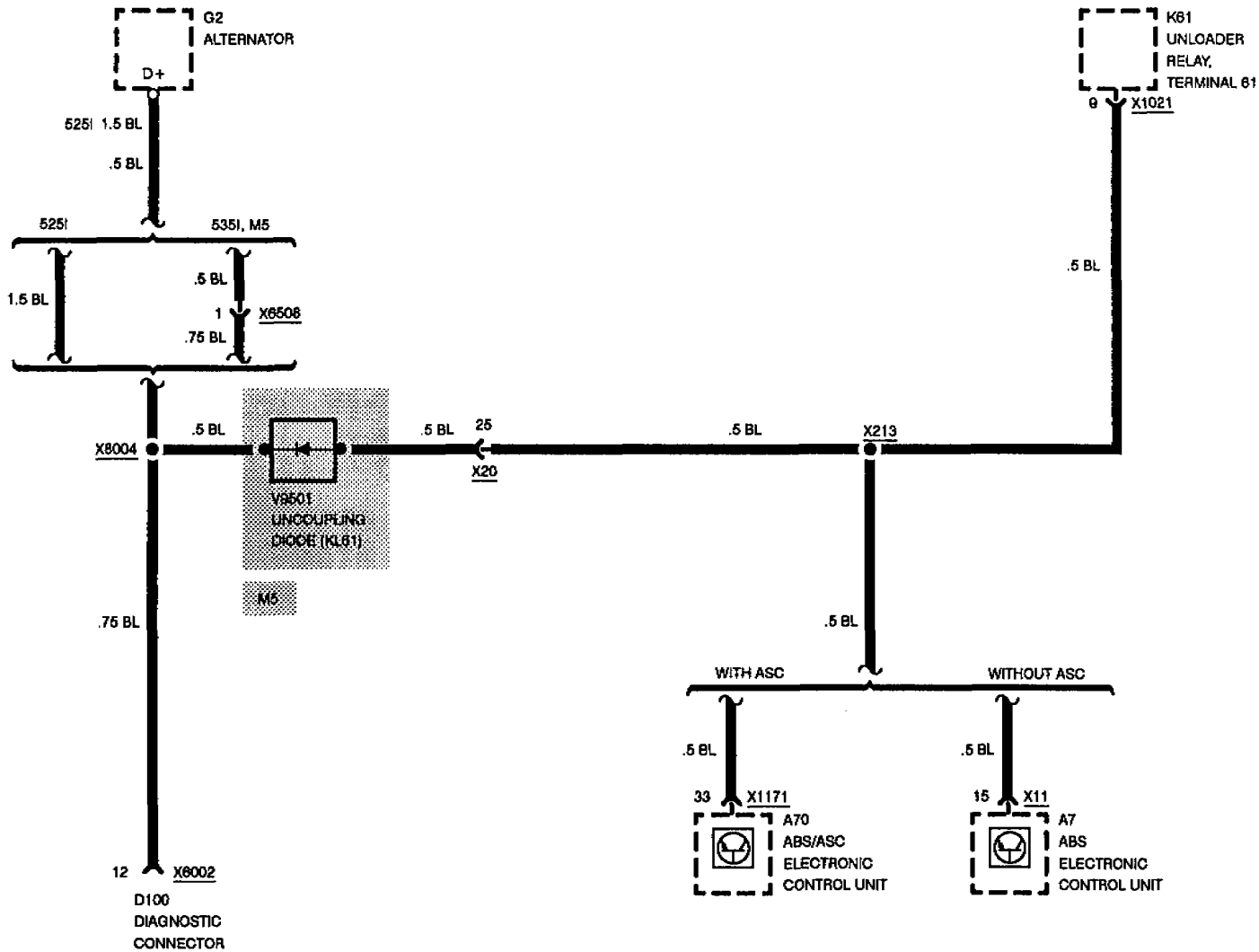
DIAGNOSTIC CONNECTOR PINS 7, 14, 16



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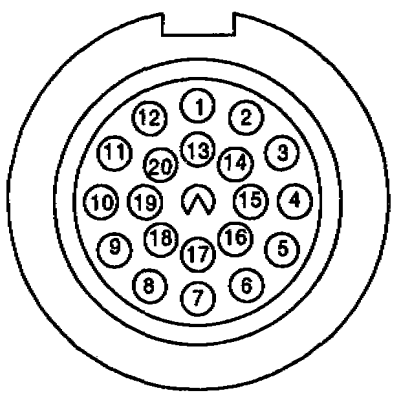
DIAGNOSTIC CONNECTOR PIN 12



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DIAGNOSTIC LINK

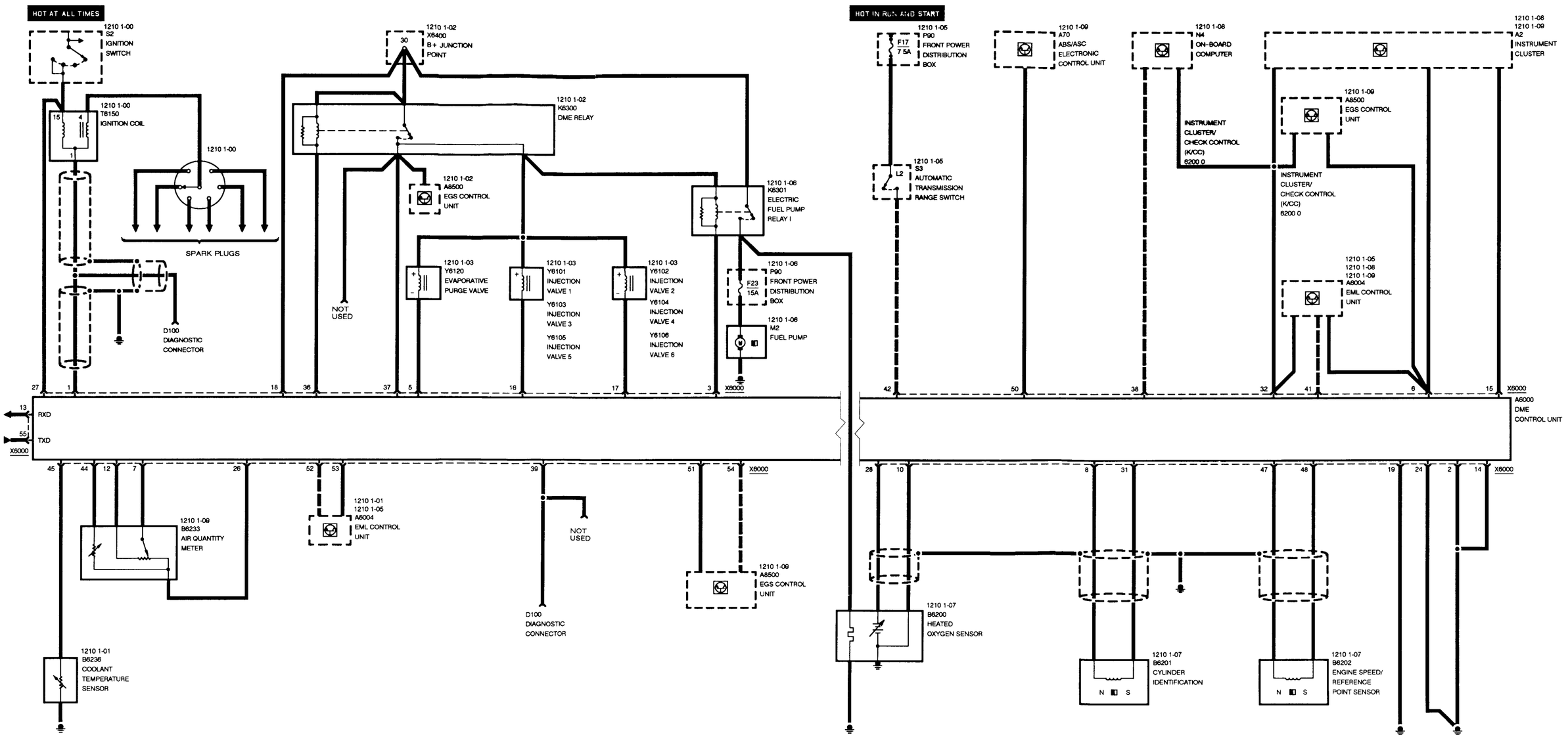
DIAGNOSTIC CONNECTOR (X6002)



PIN NUMBER	TERMINAL NUMBER	TERMINAL DESCRIPTION	WIRE COLOR
1	1	IGNITION COIL	SW
2	–	NOT OCCUPIED	
3	–	NOT OCCUPIED	
4	FT	COOLANT TEMPERATURE SENSOR	BR/VI
5	–	NOT OCCUPIED	
6	–	NOT OCCUPIED	
7	SI	SERVICE INTERVAL RESET	WS/GN
8	–	NOT OCCUPIED	
9	–	NOT OCCUPIED	
10	–	NOT OCCUPIED	
11	50	VOLTAGE: IGNITION SWITCH IN START	SW/GE
12	61(D+)	ALTERNATOR CHARGE INDICATOR	BL
13	–	NOT OCCUPIED	
14	30	VOLTAGE: HOT AT ALL TIMES	RT
15	RXD	DIAGNOSTIC DATALINK	WS/GE
16	15S	VOLTAGE: IGNITION SWITCH IN RUN	GN/WS
17	–	NOT OCCUPIED	
18	PGSP	PROGRAM SELECT FOR DME CONTROL UNIT	GN/BL
19	31	GROUND	BR
20	TXD	DIAGNOSTIC DATALINK	WS/VI

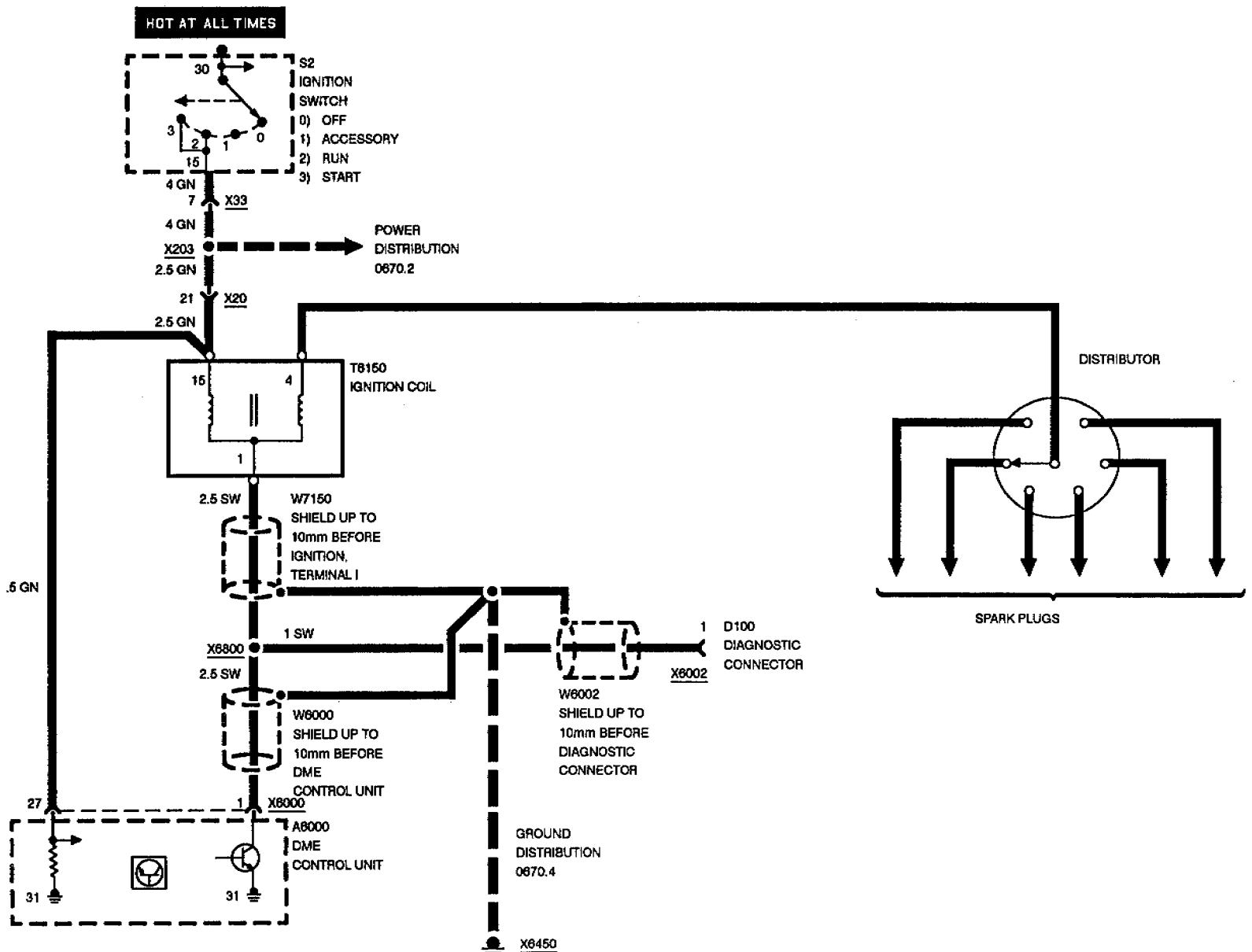
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02/92 — 1210 1 — 1991
02/92 — 1210 1 — 1991



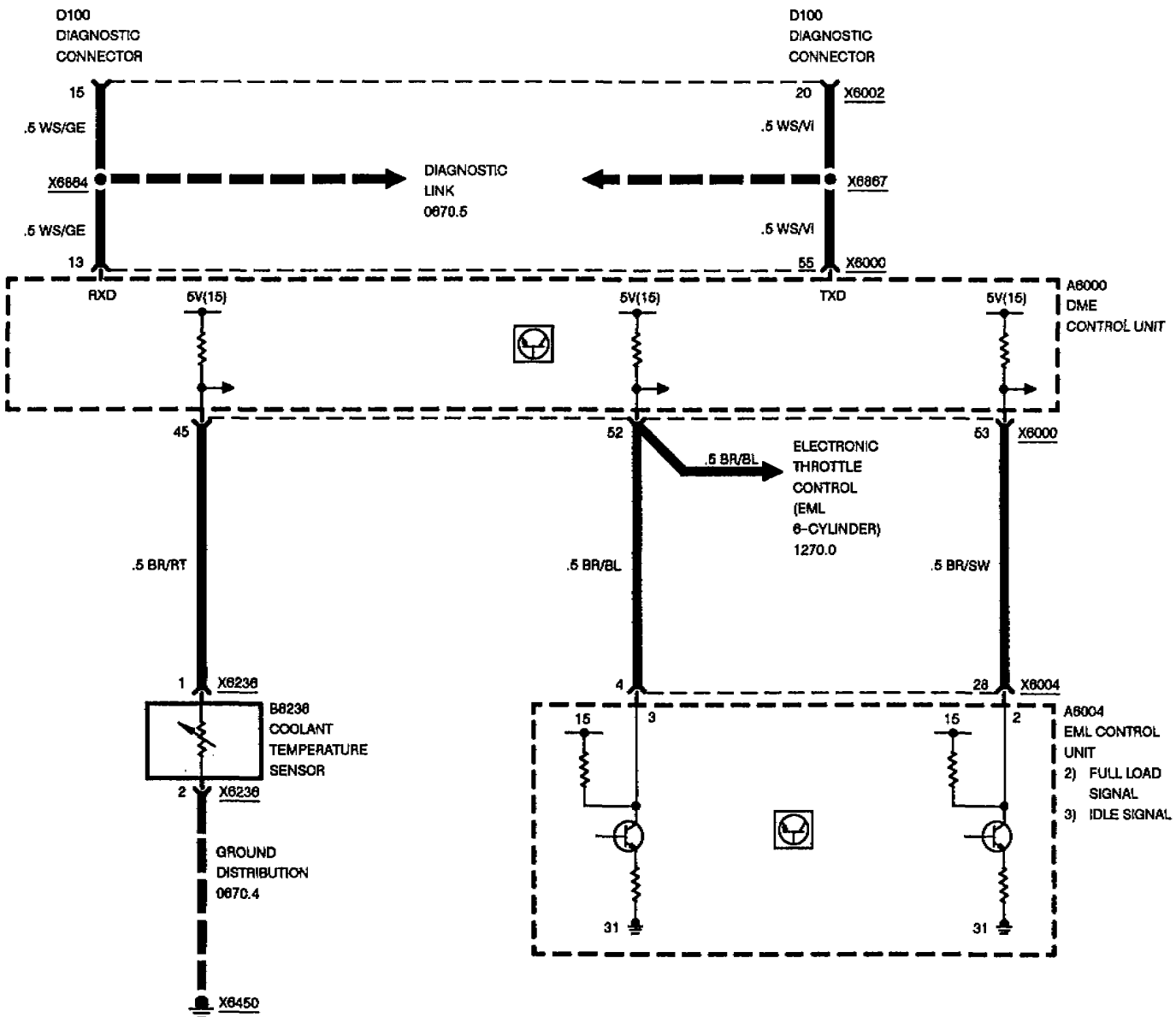
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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)



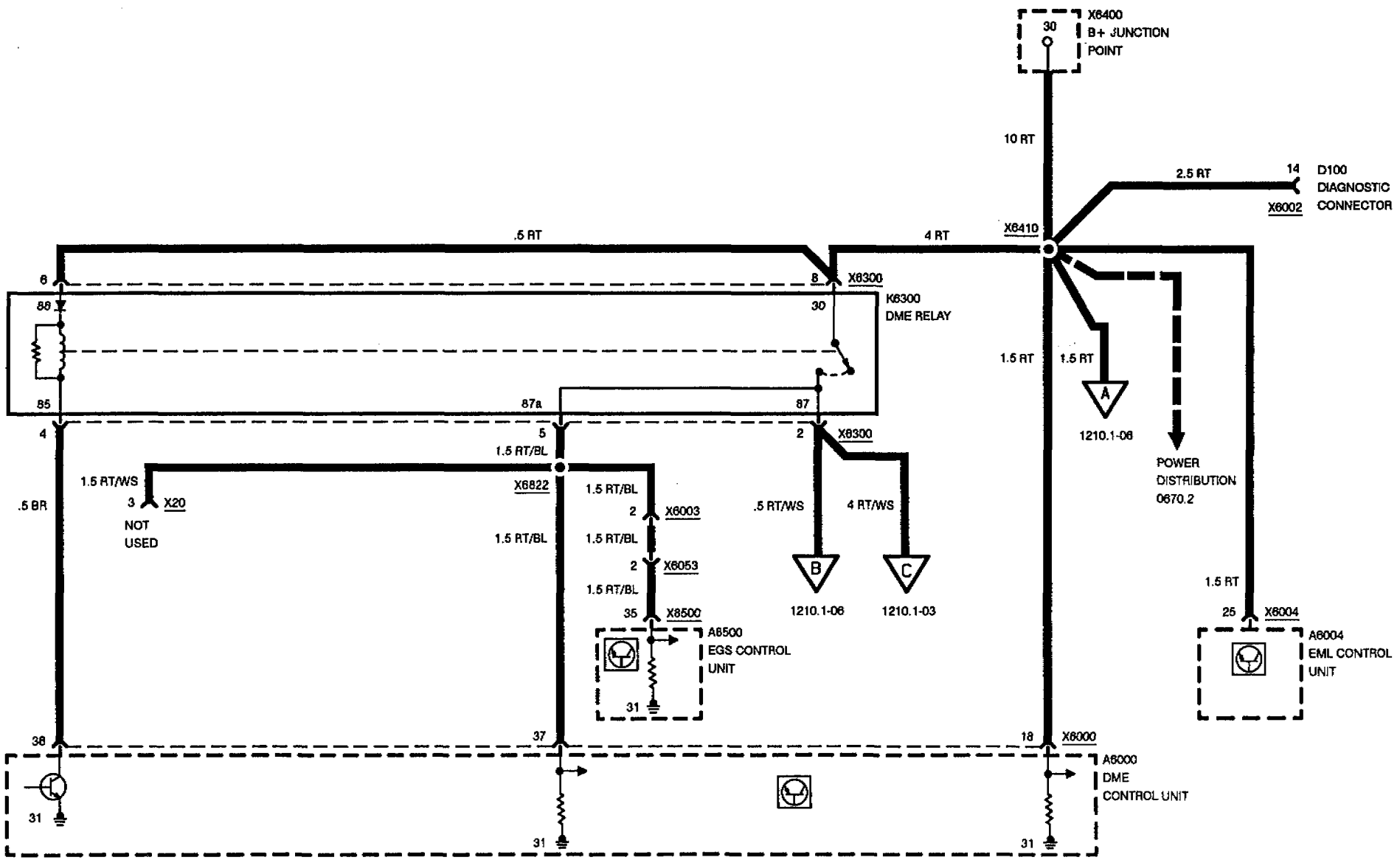
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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)



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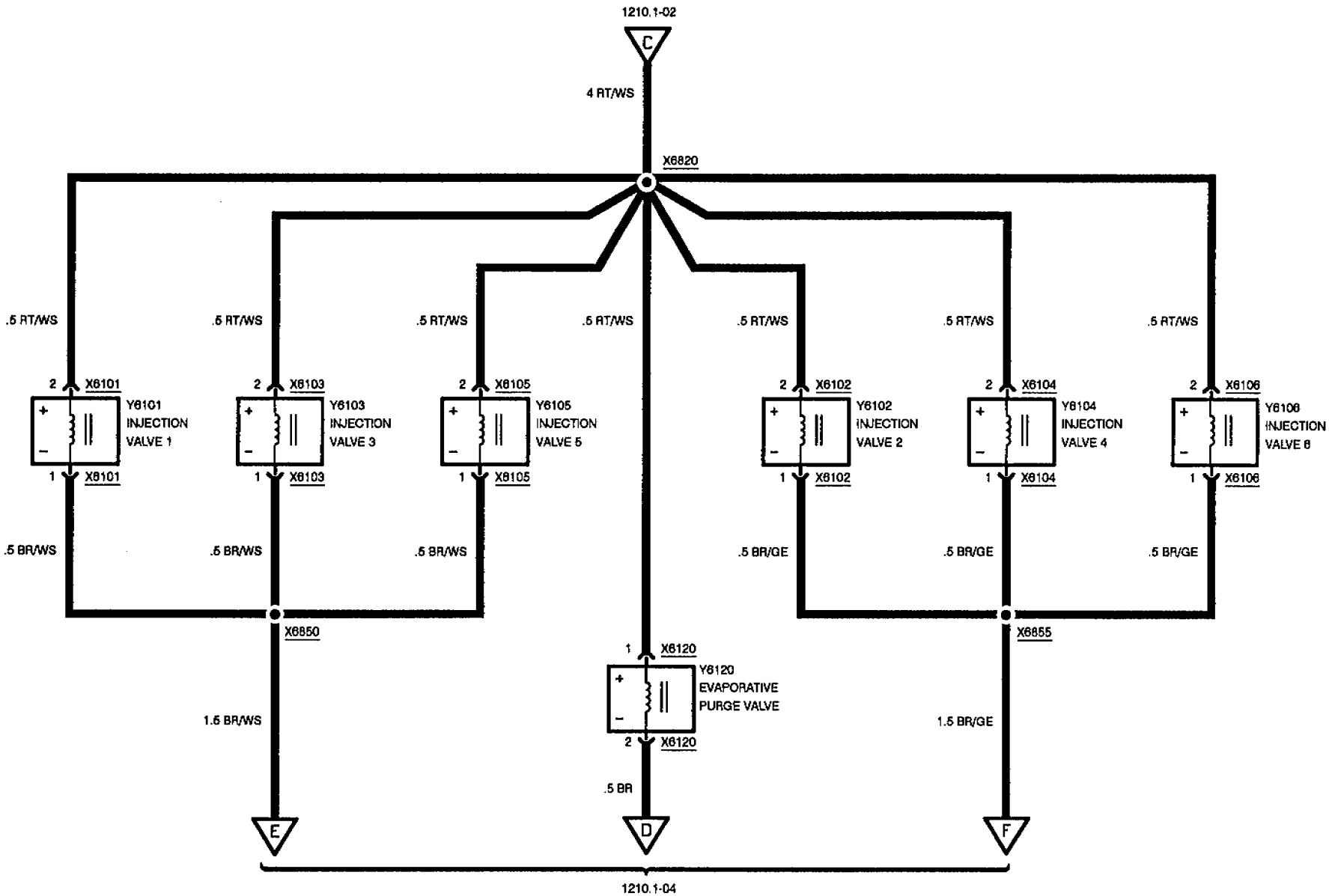
DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)



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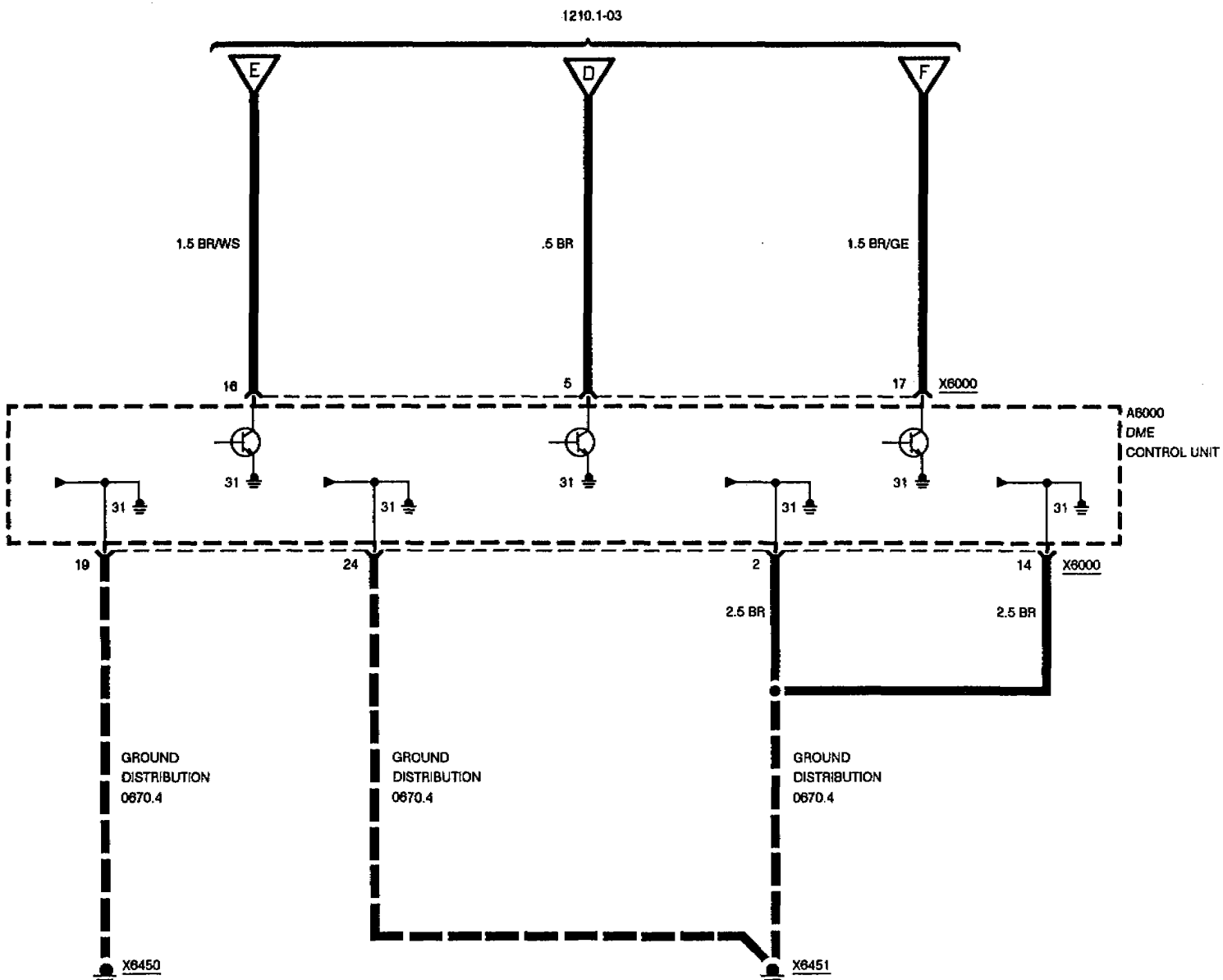
DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)

FUEL INJECTORS



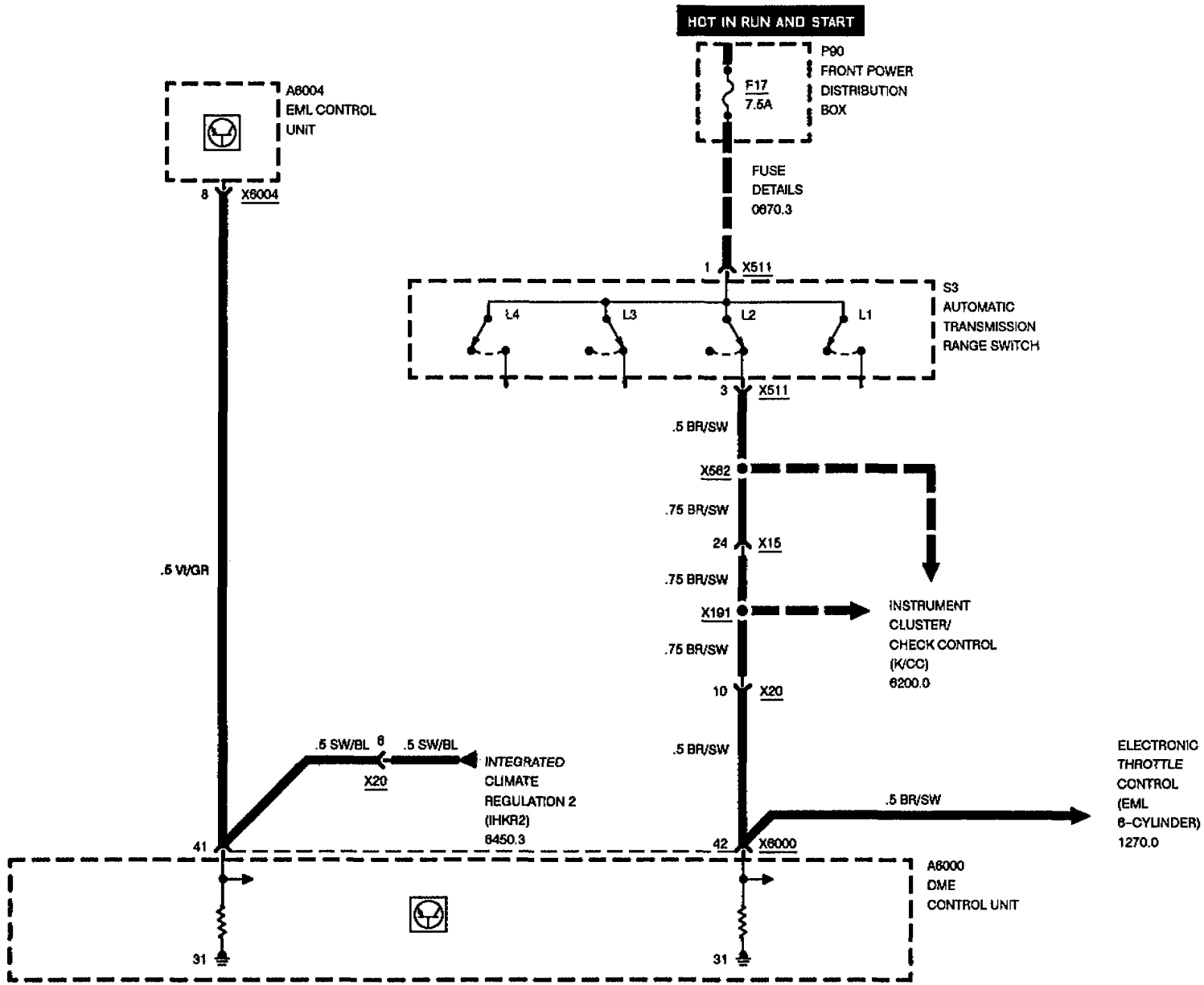
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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)



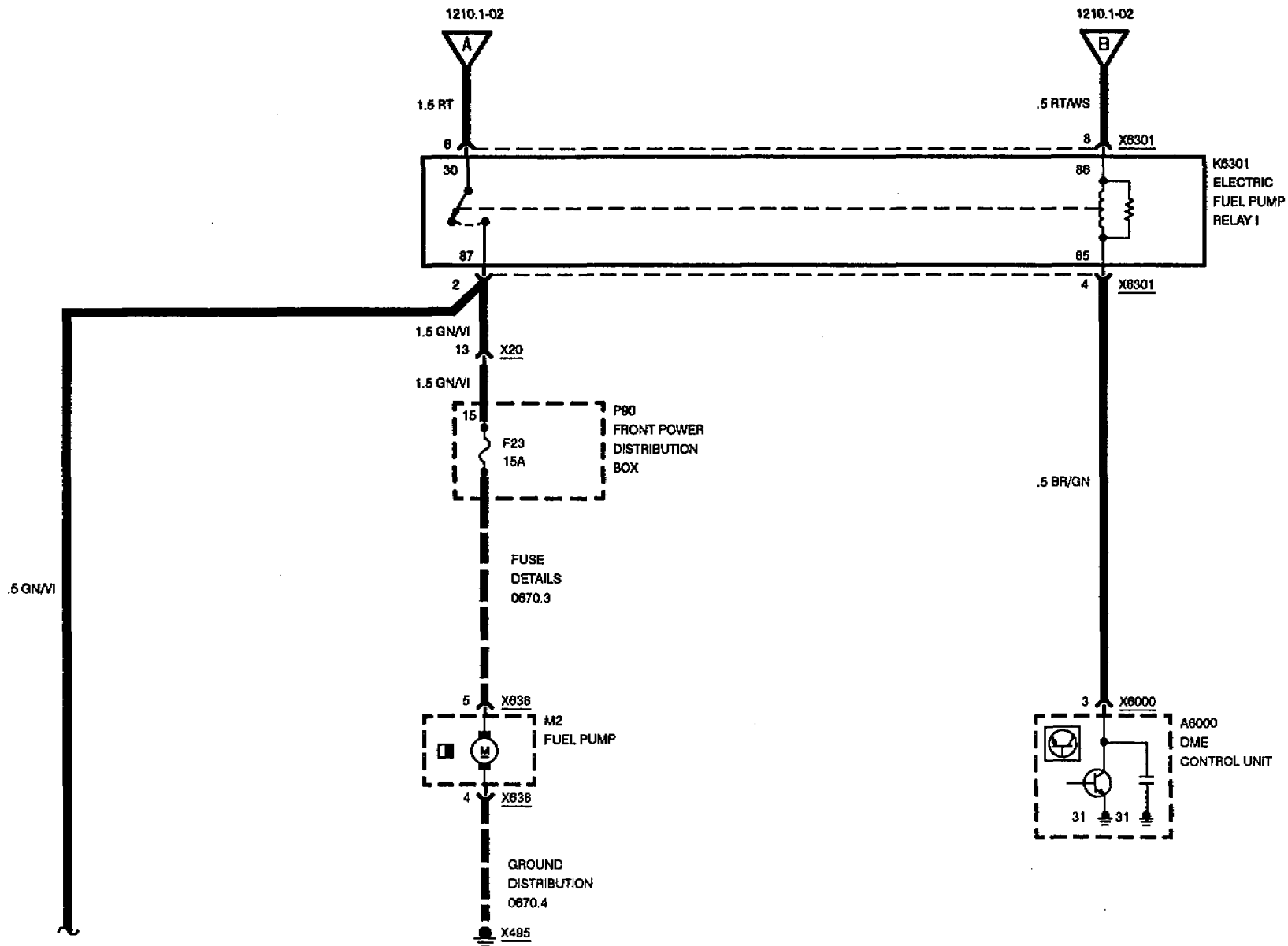
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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)

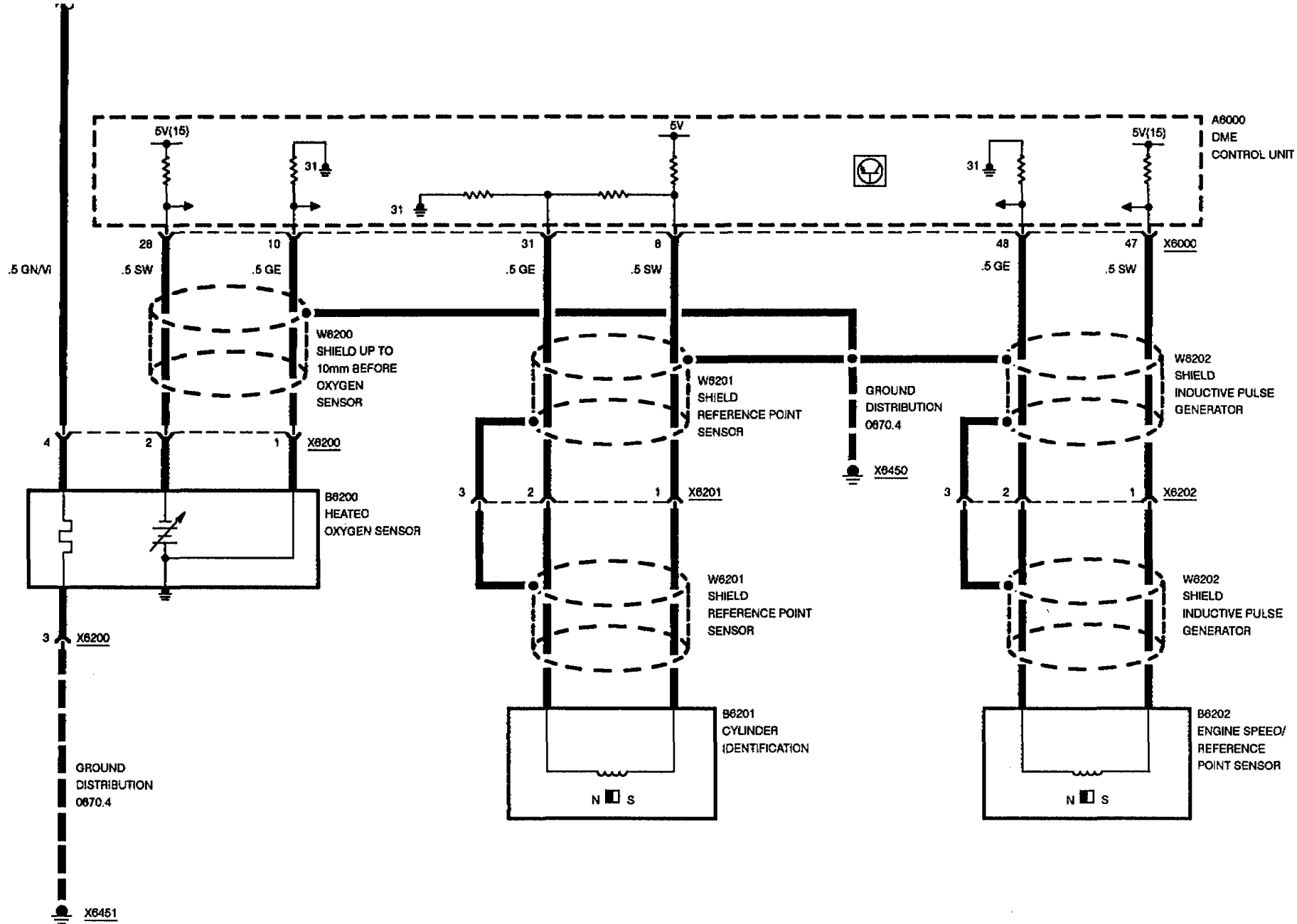


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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)

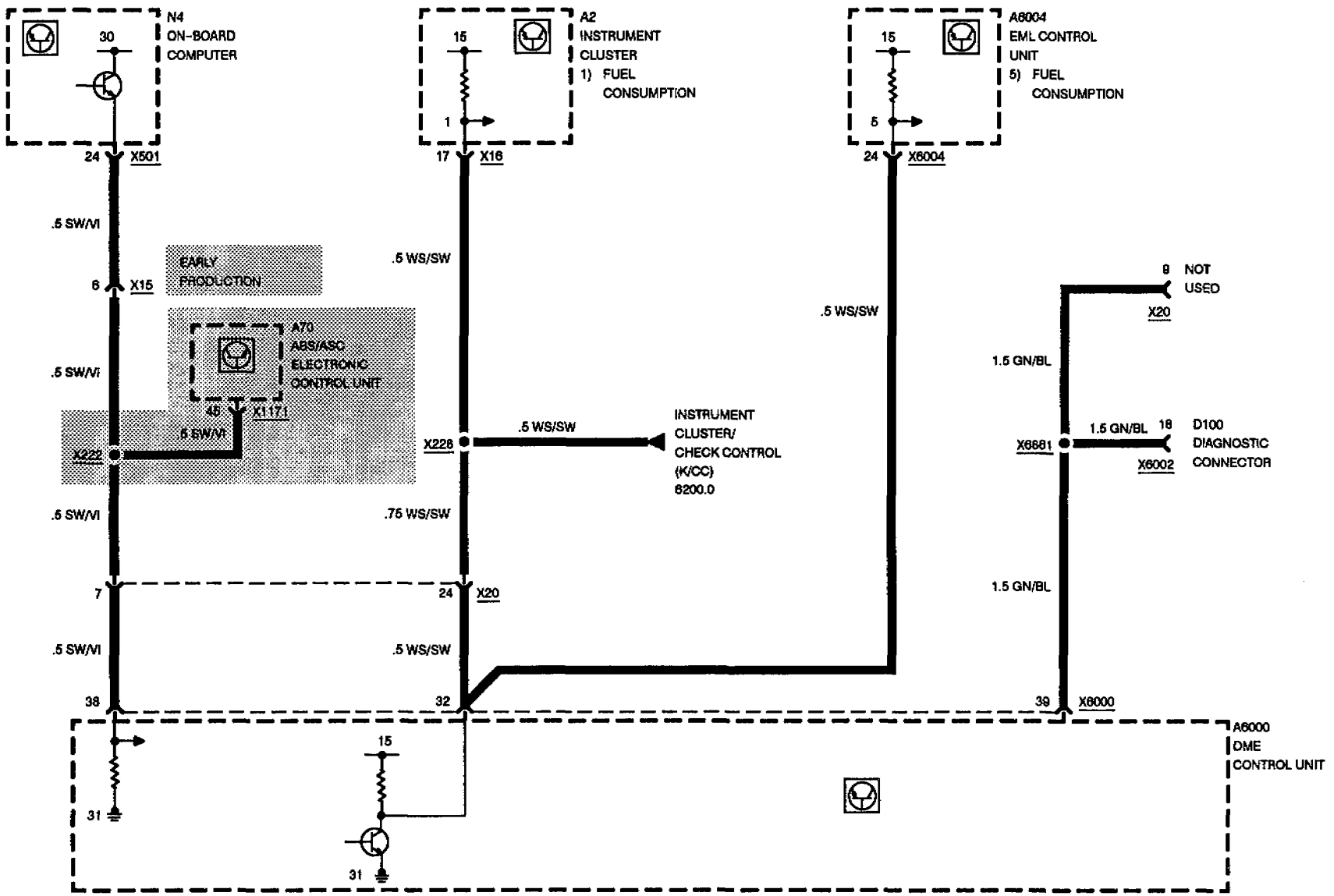


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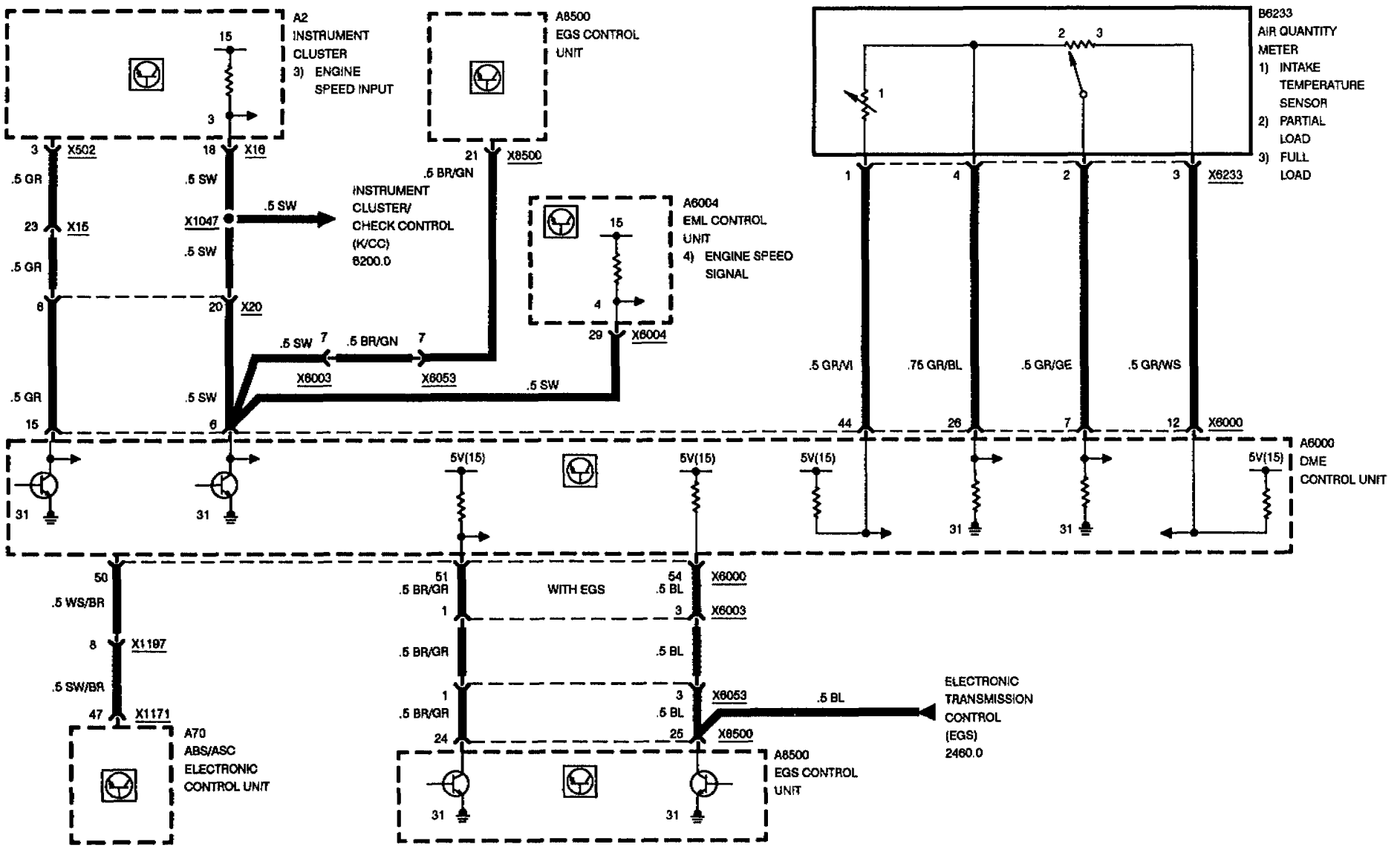
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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)



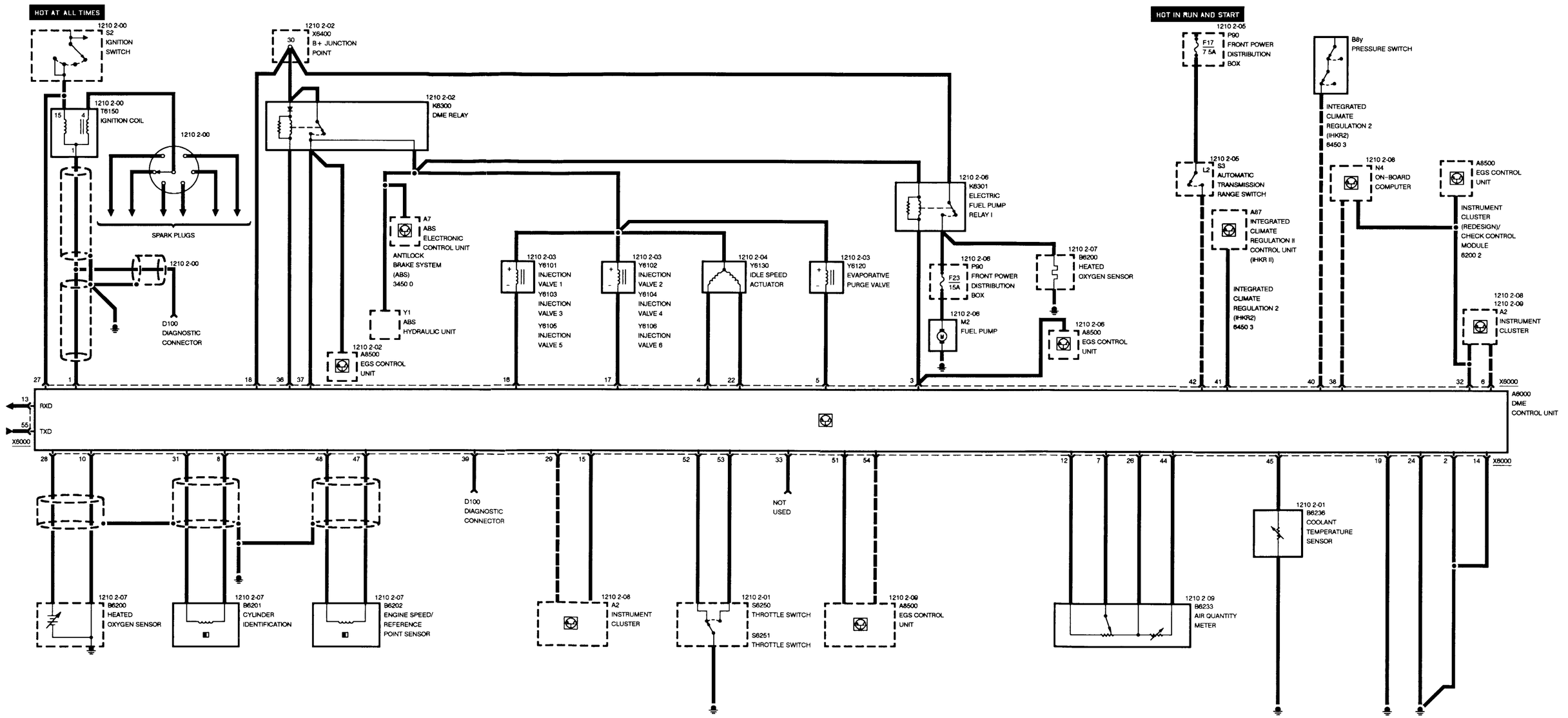
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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)



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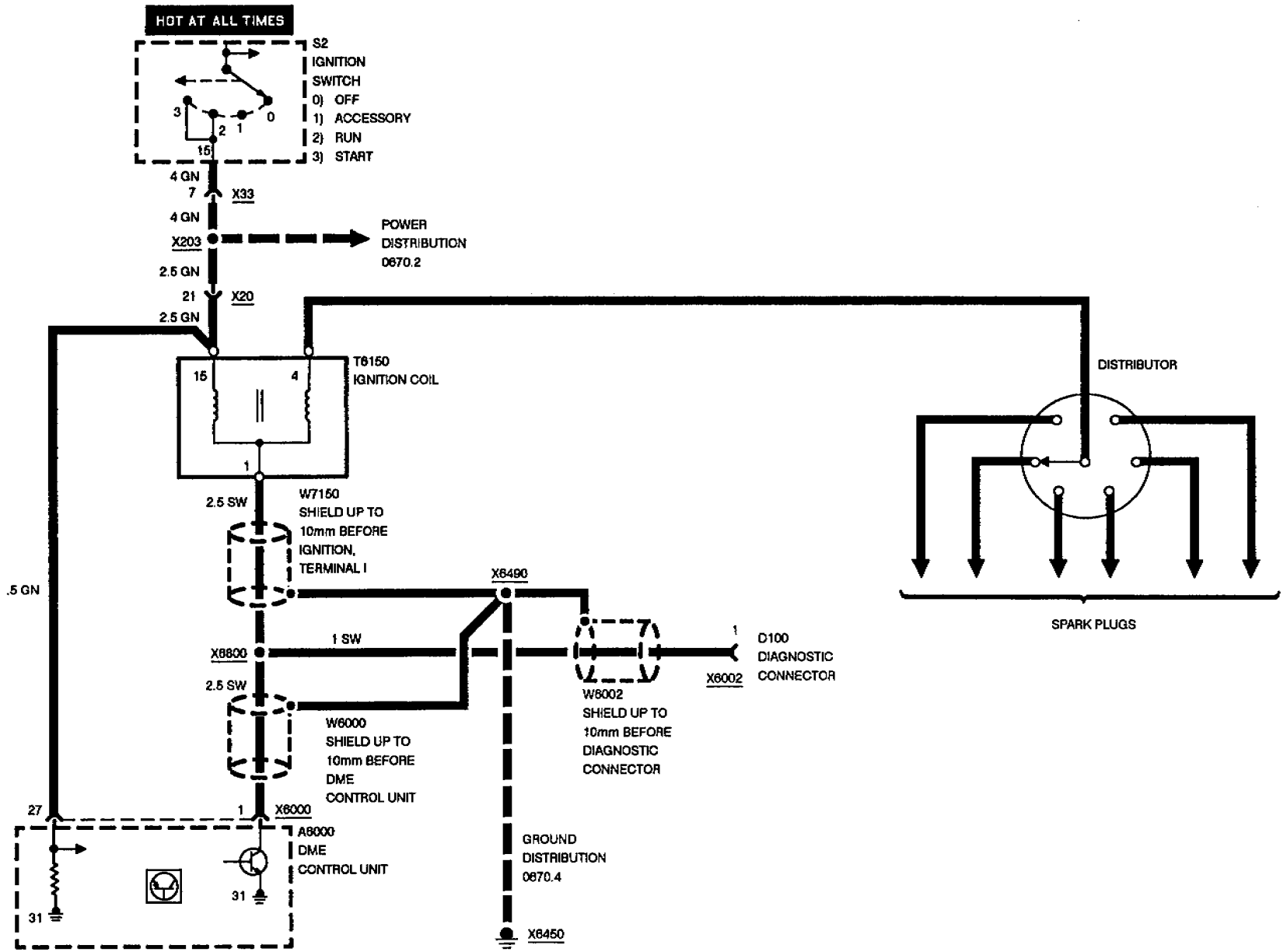
02/92 — 1210 2 — 1991
02/92 — 1210 2 — 1991



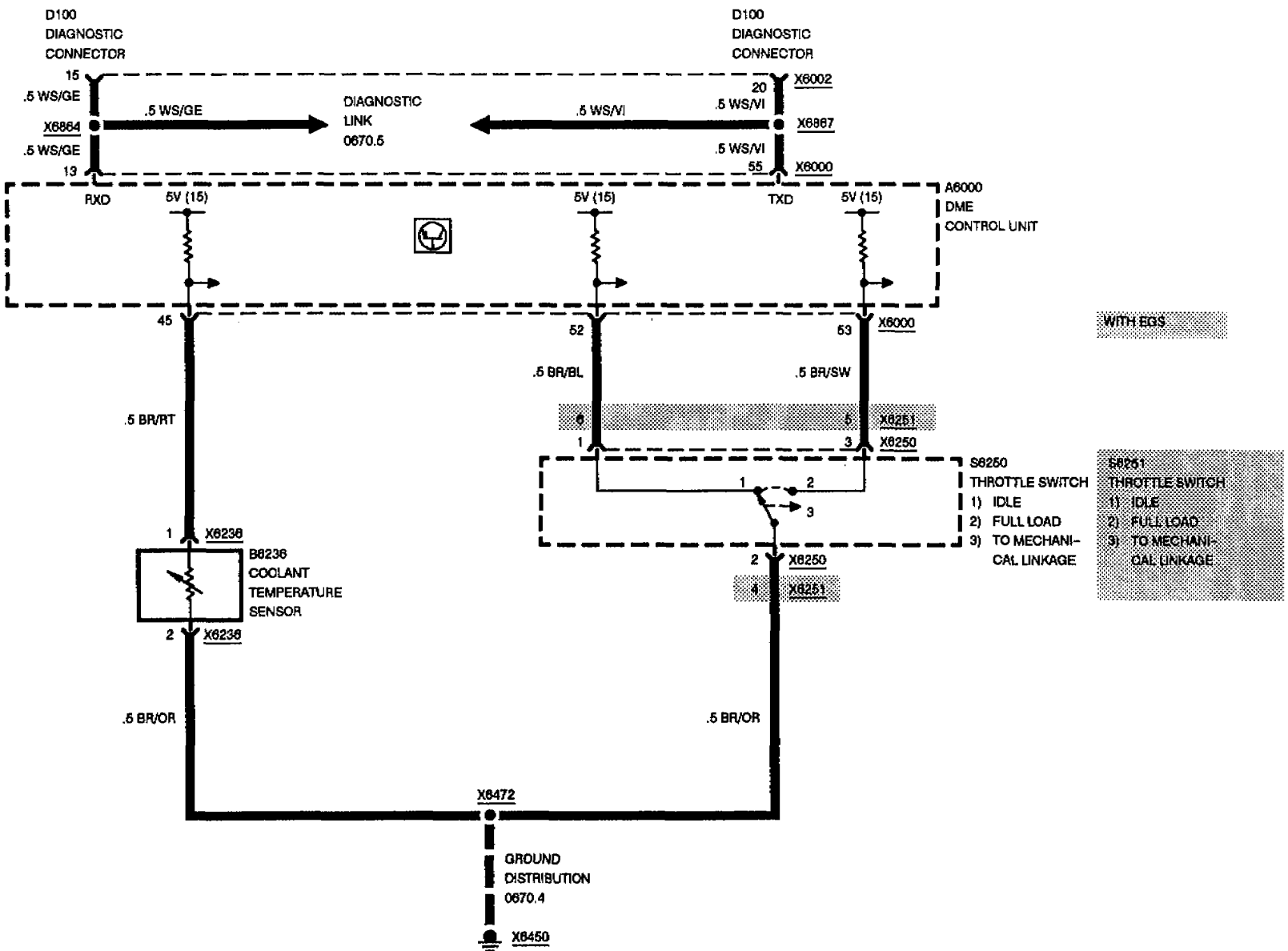
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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)

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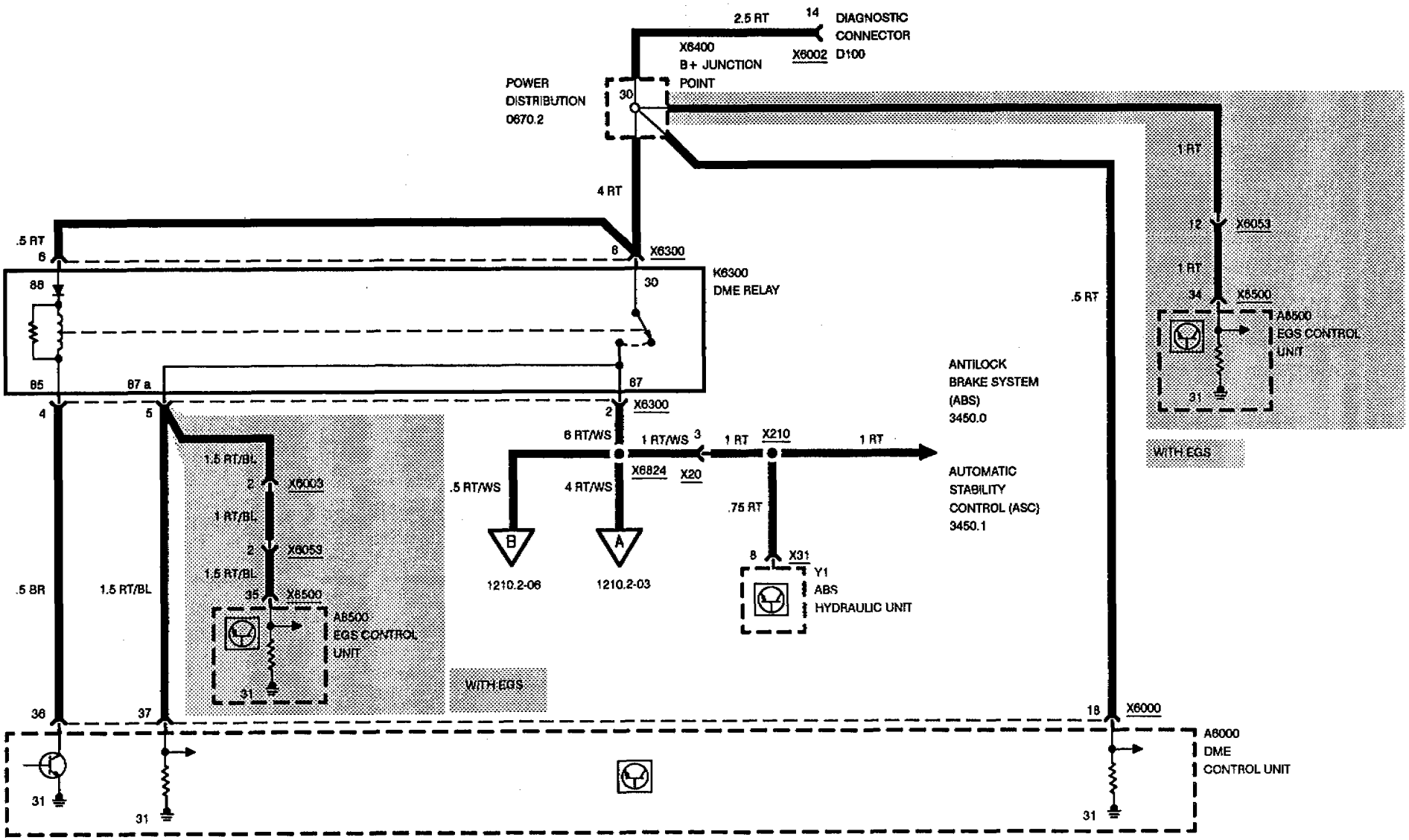


DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)



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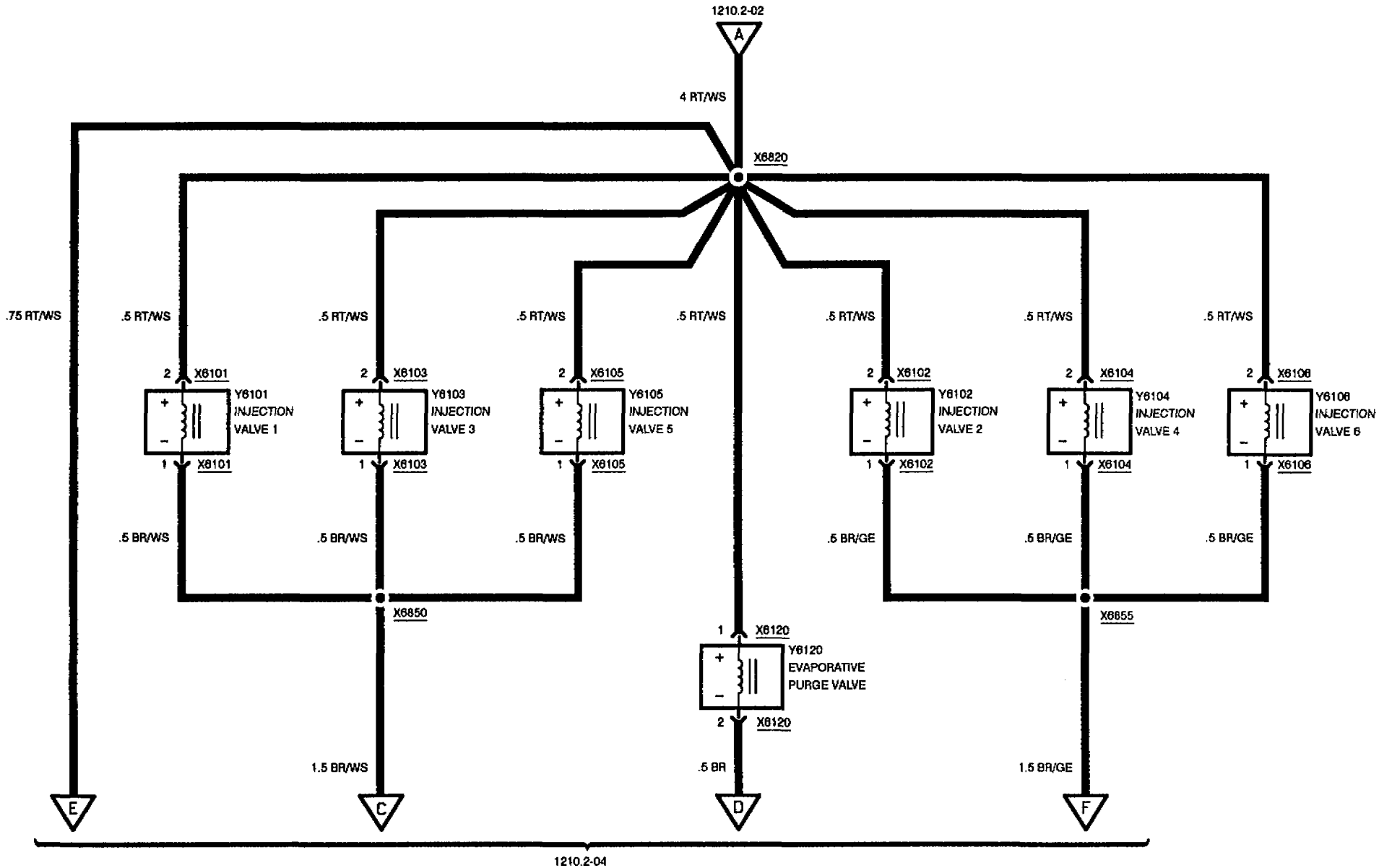
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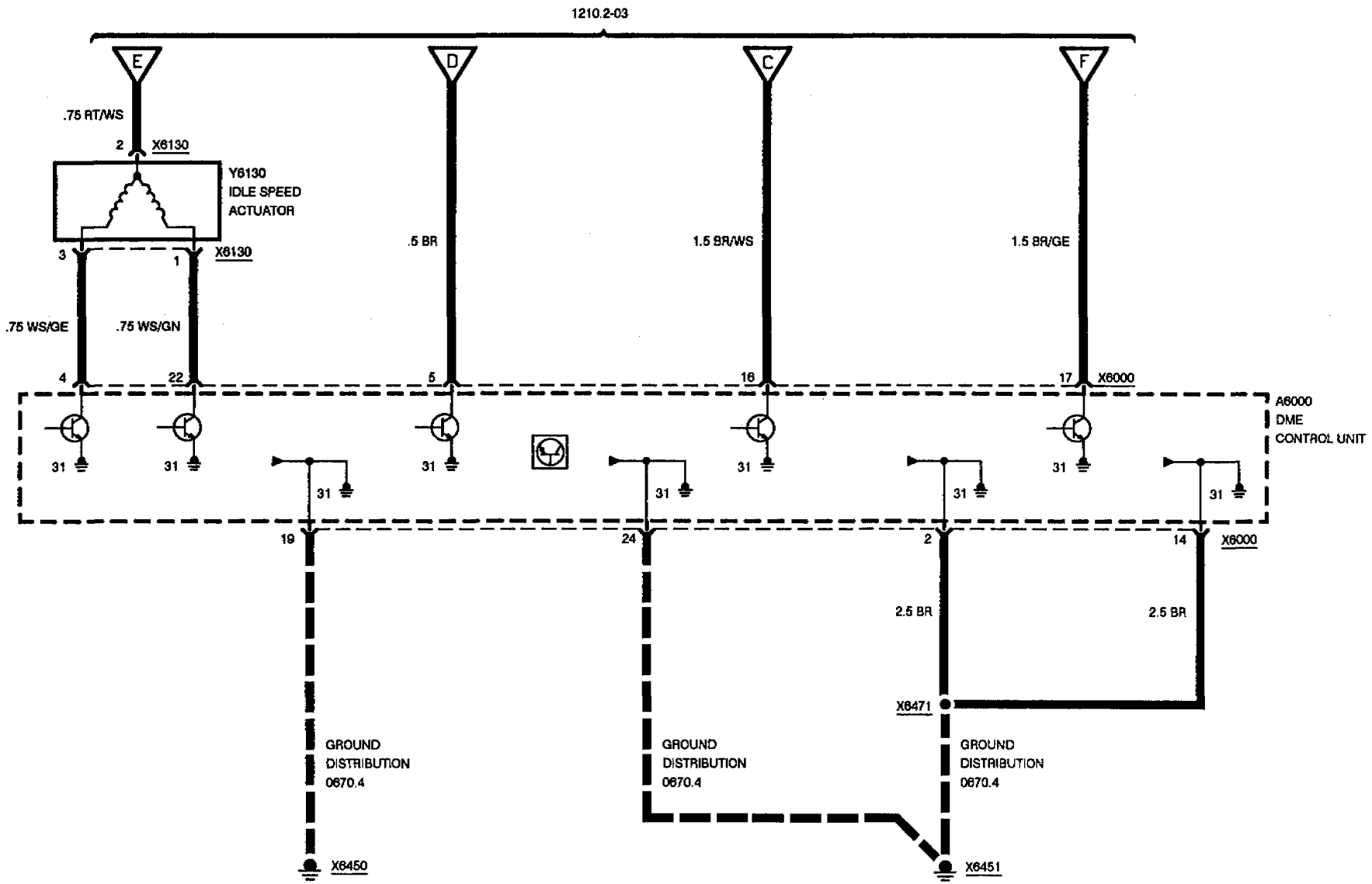
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FUEL INJECTORS



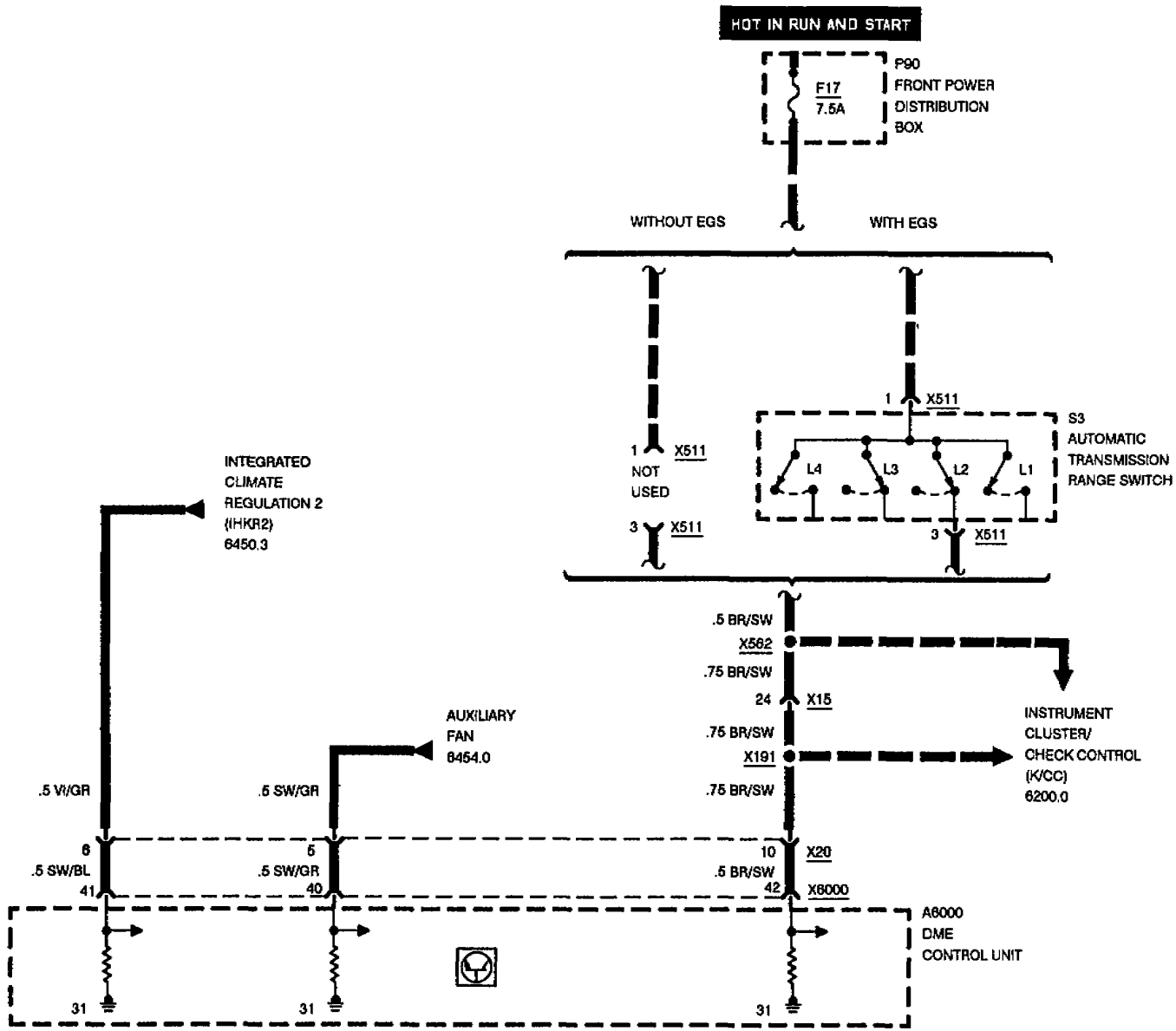
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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)



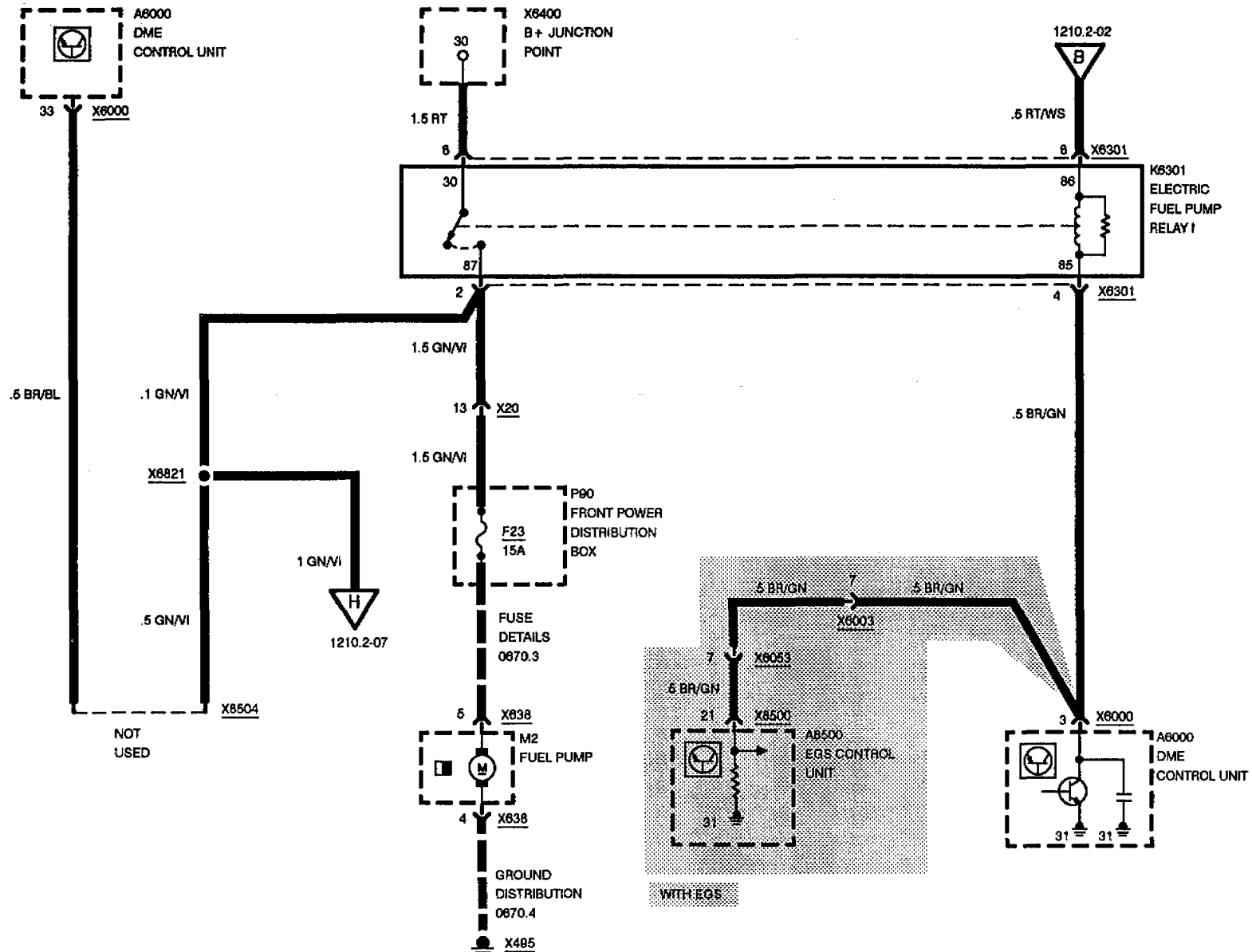
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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)



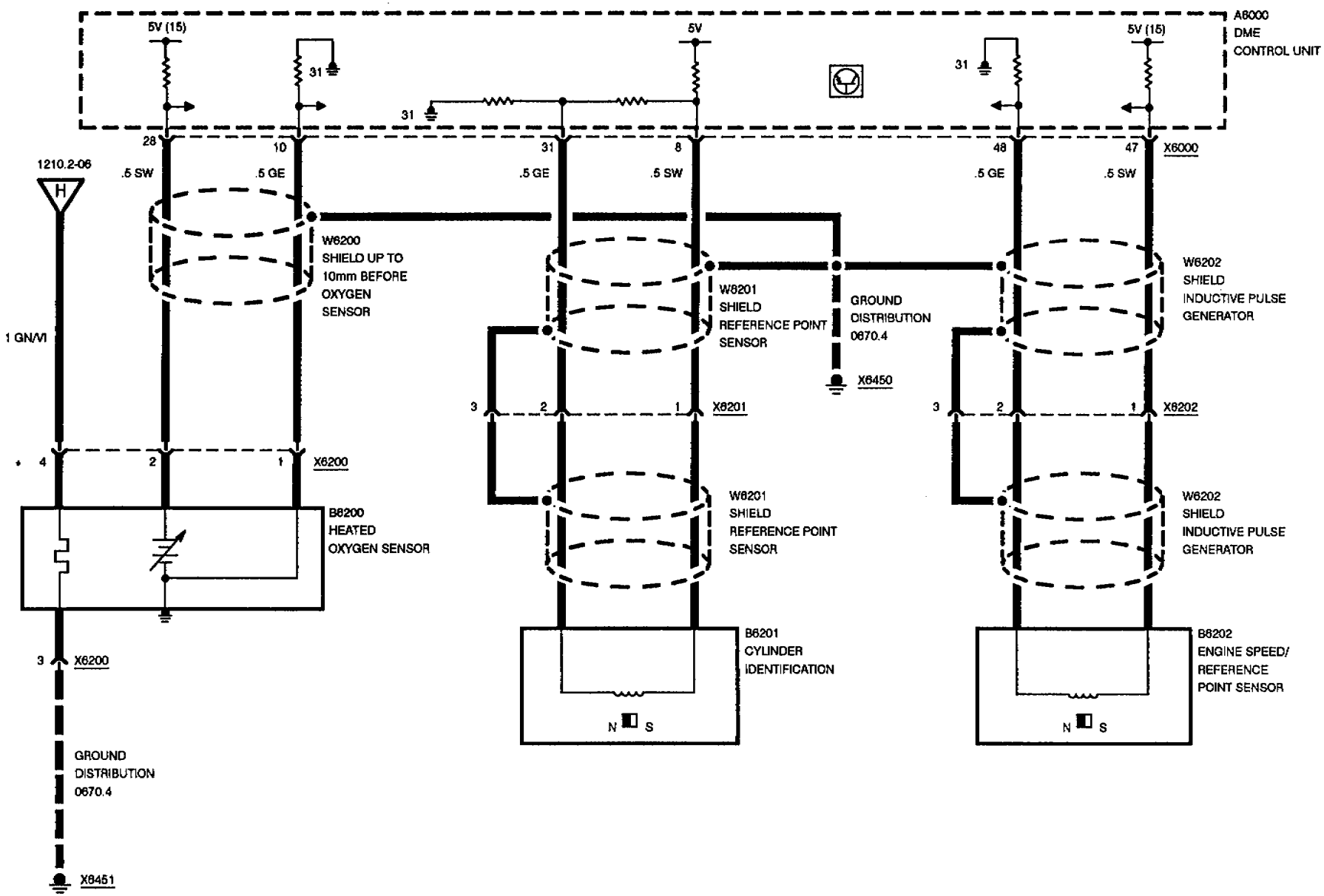
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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)



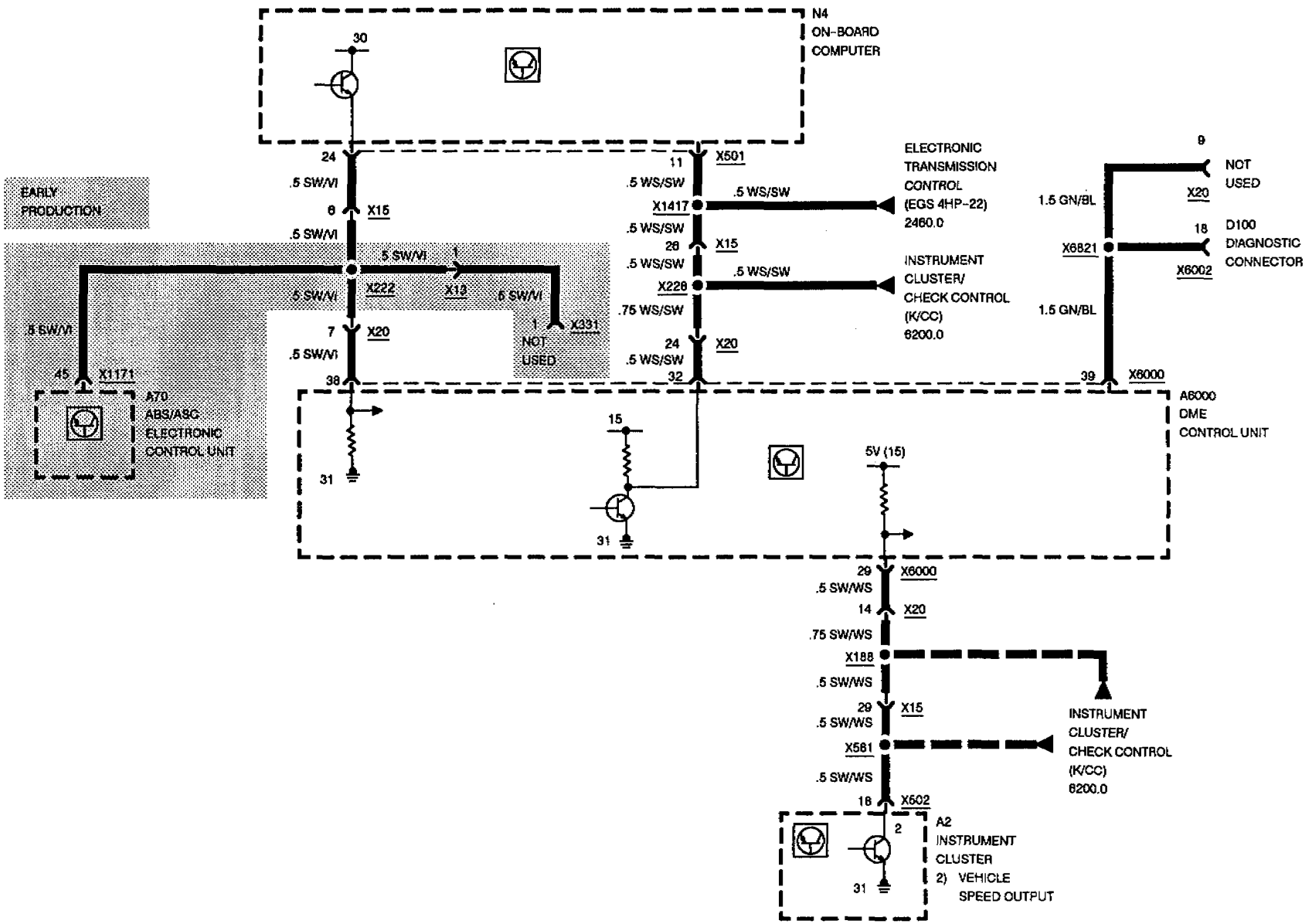
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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)



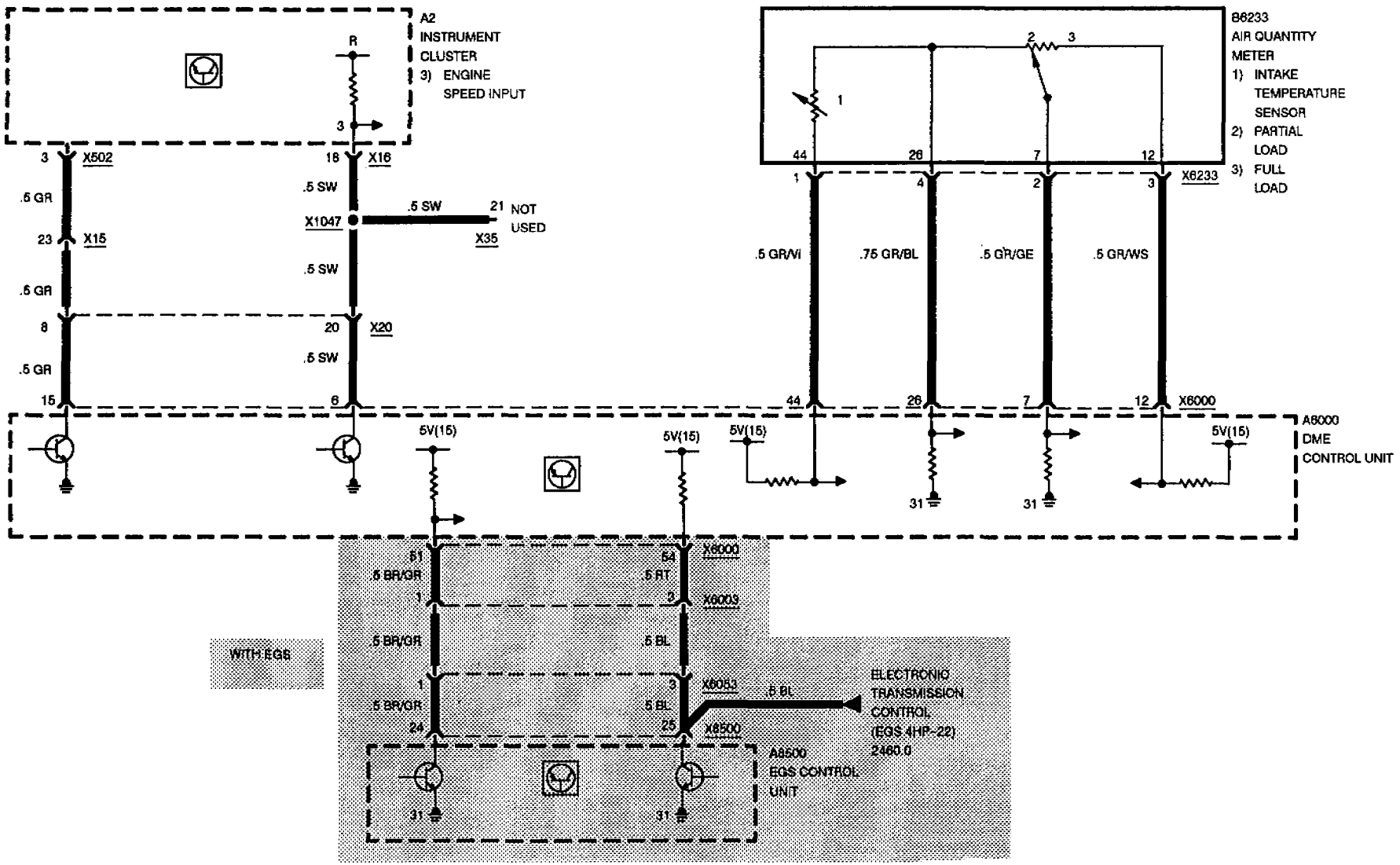
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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)



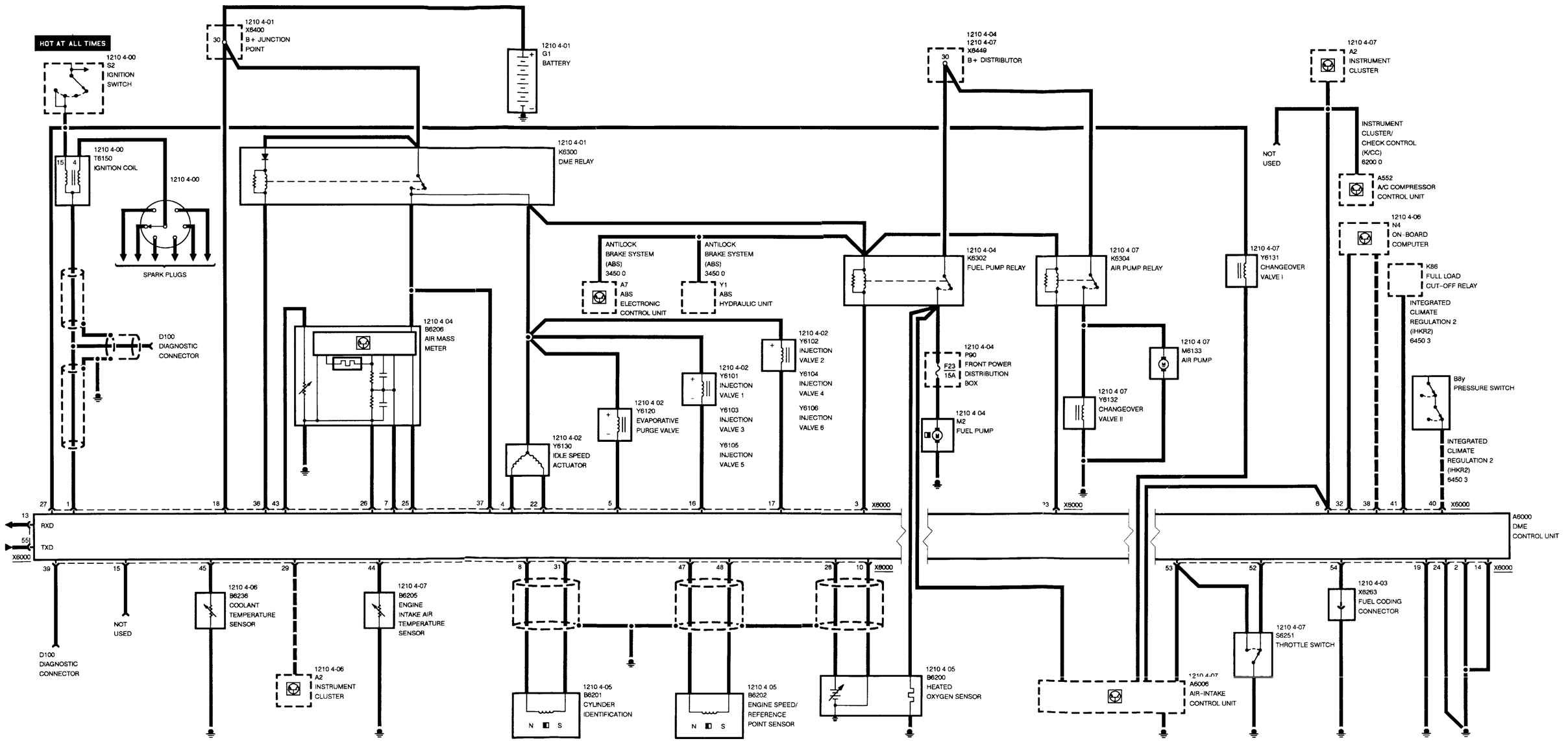
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DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)

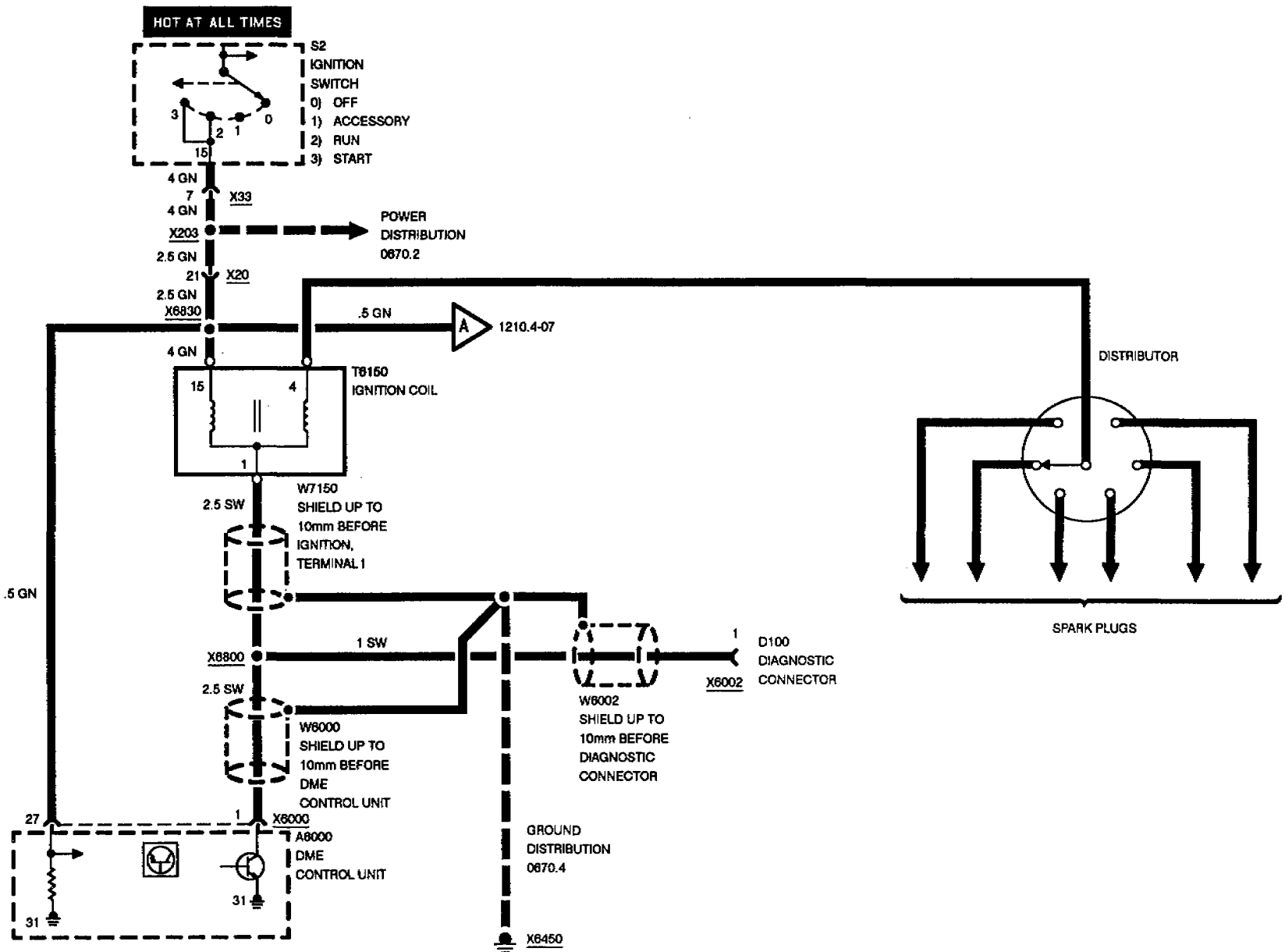


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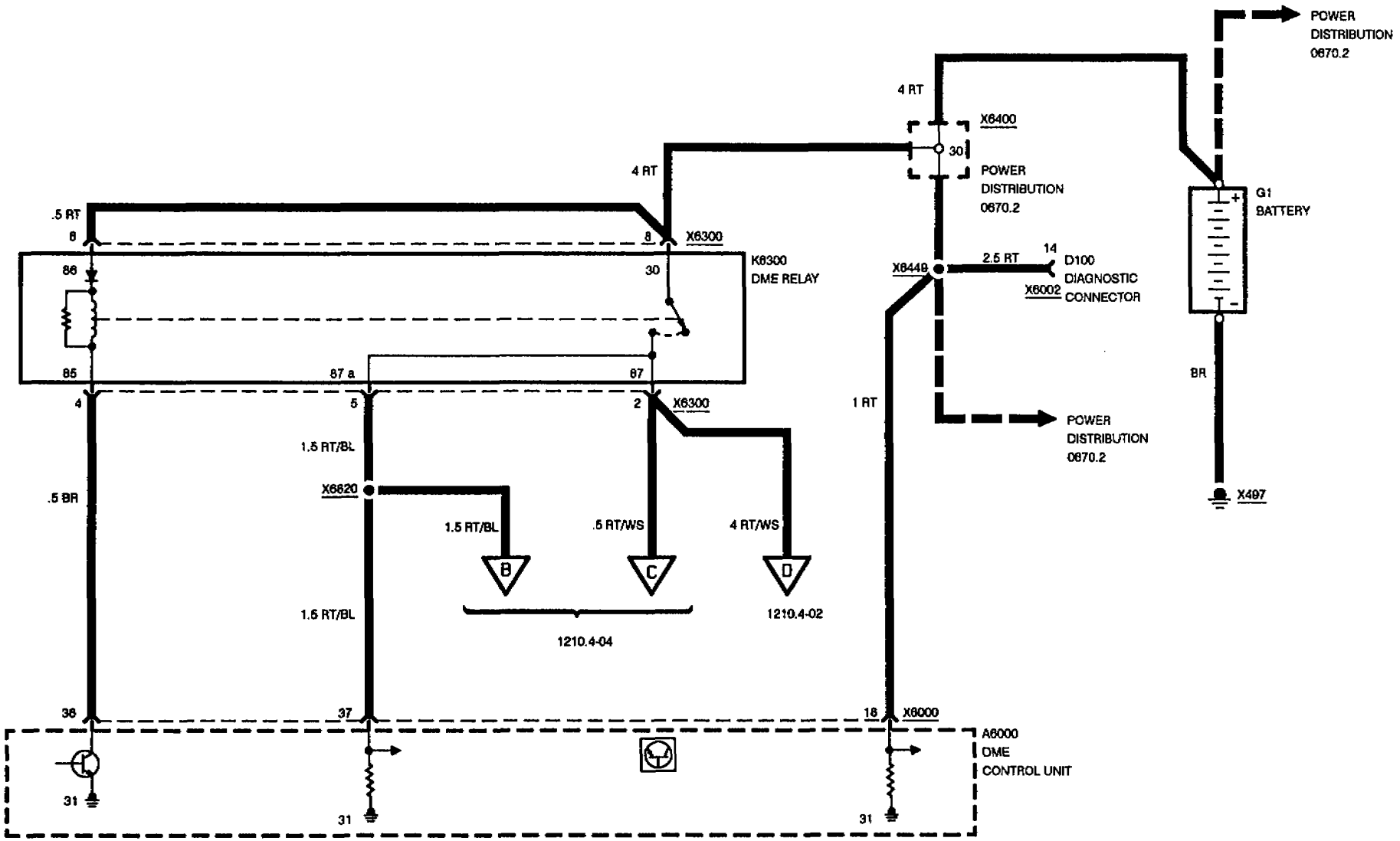


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HOT AT ALL TIMES
S2
IGNITION
SWITCH
0) OFF
1) ACCESSORY
2) RUN
3) START
15
4 GN
7
X33
4 GN
X203
POWER
DISTRIBUTION
0670.2
2.5 GN
21
X20
2.5 GN
X6830
.5 GN
A
1210.4-07
4 GN
T6150
IGNITION COIL
15
4
1
W7150
SHIELD UP TO
10mm BEFORE
IGNITION,
TERMINAL 1
2.5 SW
.5 GN
X6800
1 SW
2.5 SW
W6000
SHIELD UP TO
10mm BEFORE
DME
CONTROL UNIT
27
1
X6000
A6000
DME
CONTROL UNIT
31
31
W6002
SHIELD UP TO
10mm BEFORE
DIAGNOSTIC
CONNECTOR
1
D100
DIAGNOSTIC
CONNECTOR
X6002
GROUND
DISTRIBUTION
0670.4
X6450
DISTRIBUTOR
SPARK PLUGS

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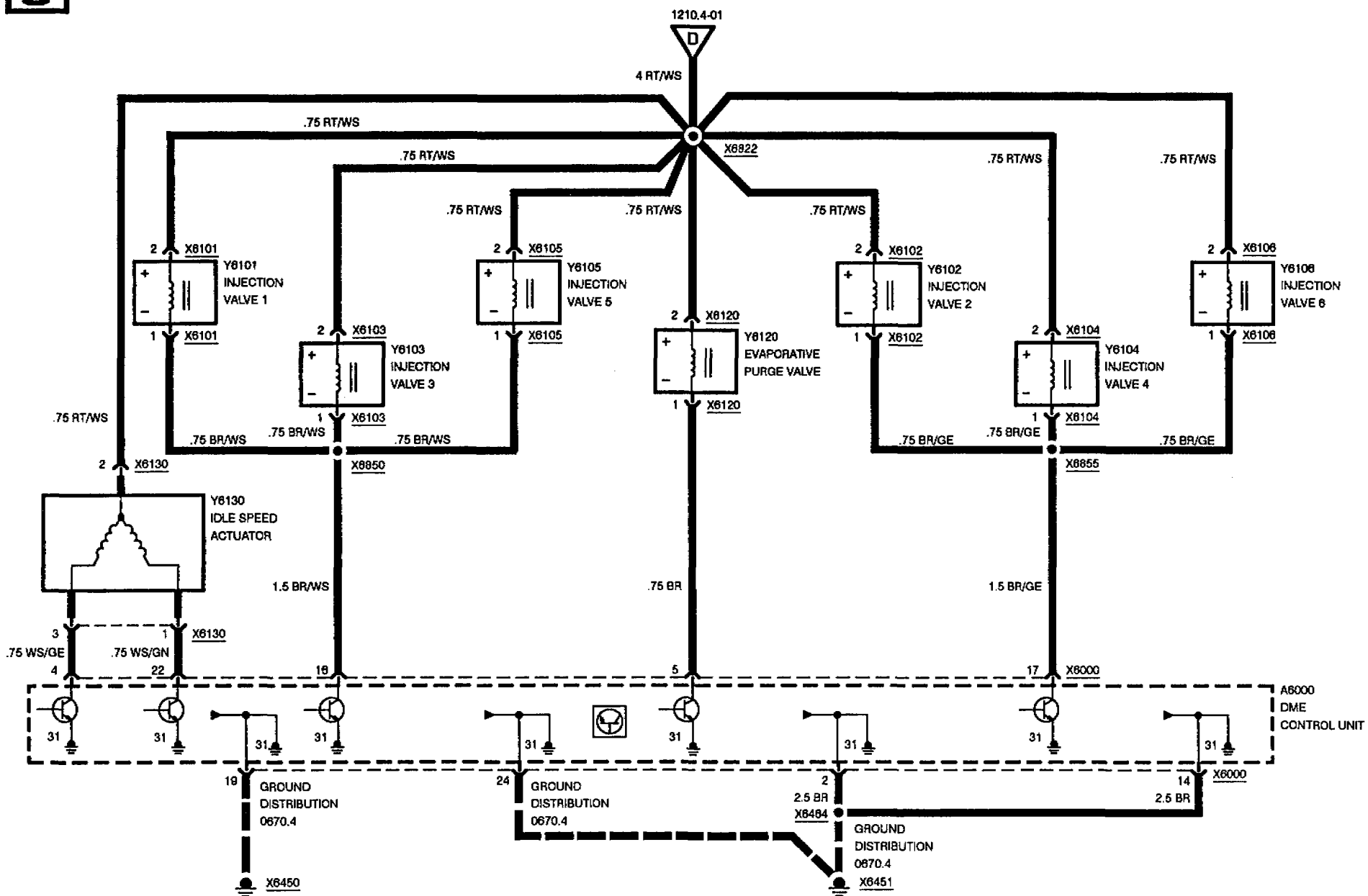
DIGITAL ENGINE ELECTRONICS (DME M1.2, 6-CYLINDER S38) M5



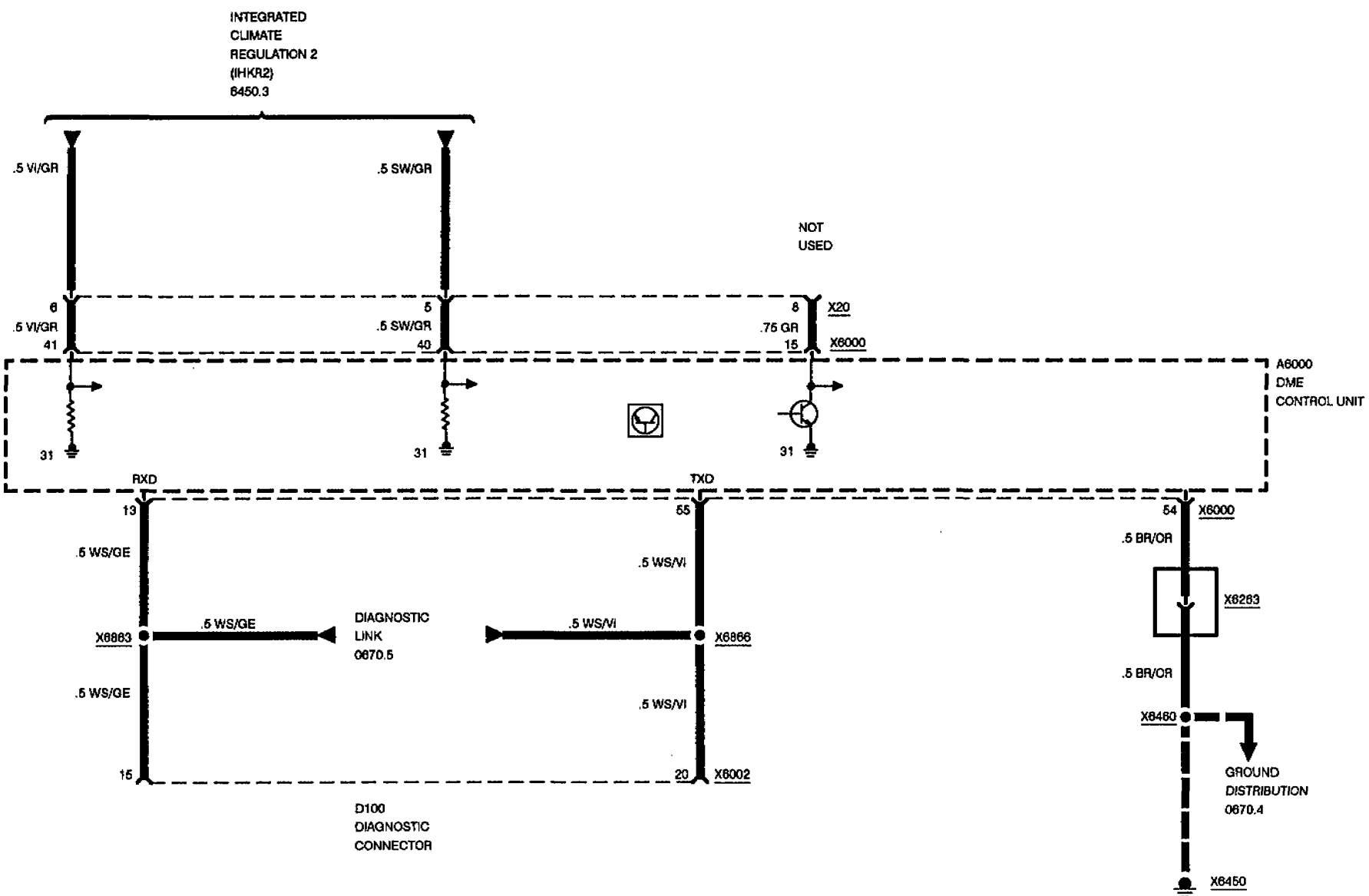
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DIGITAL ENGINE ELECTRONICS (DME M1.2, 6-CYLINDER S38)

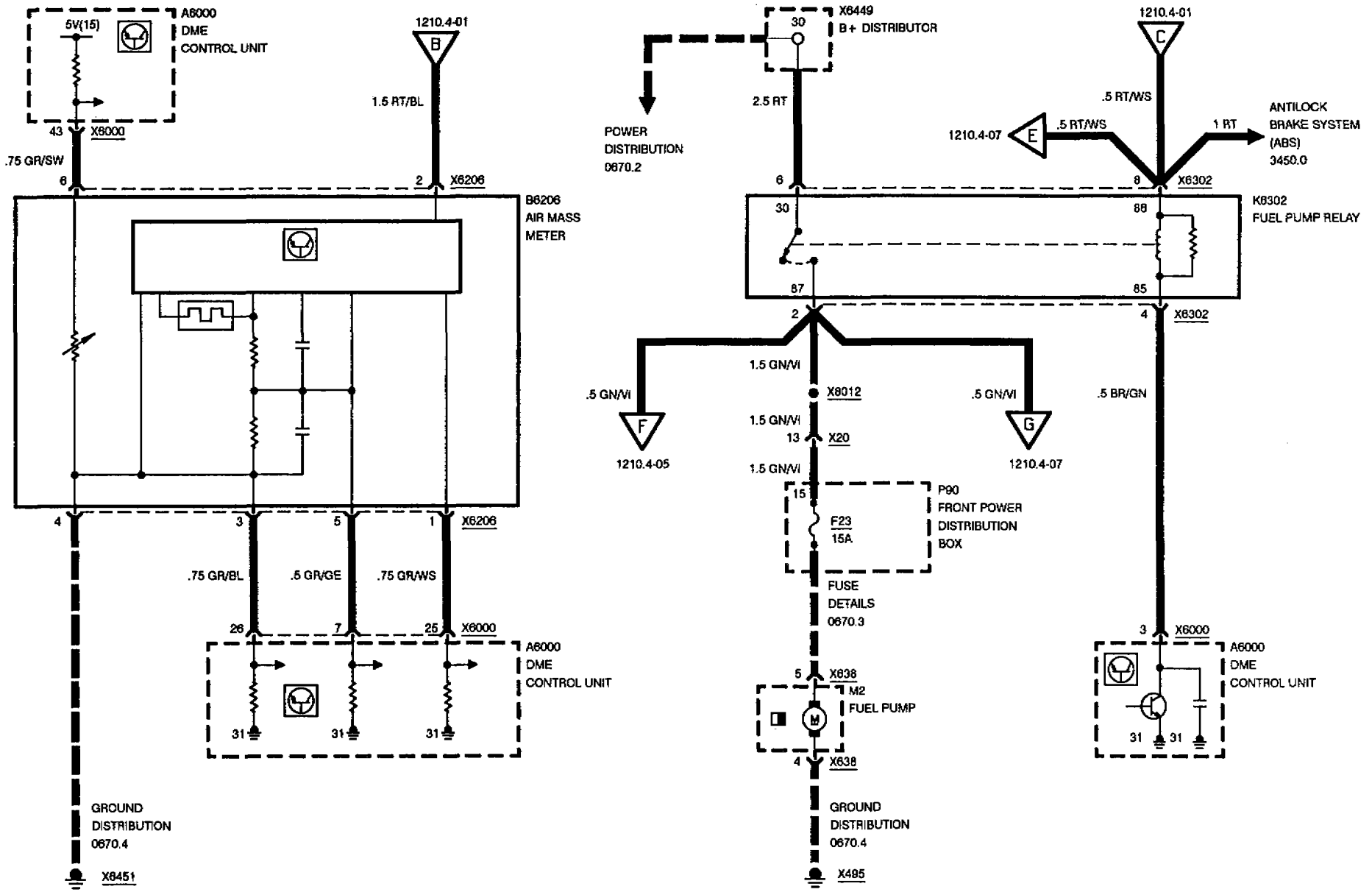
M5



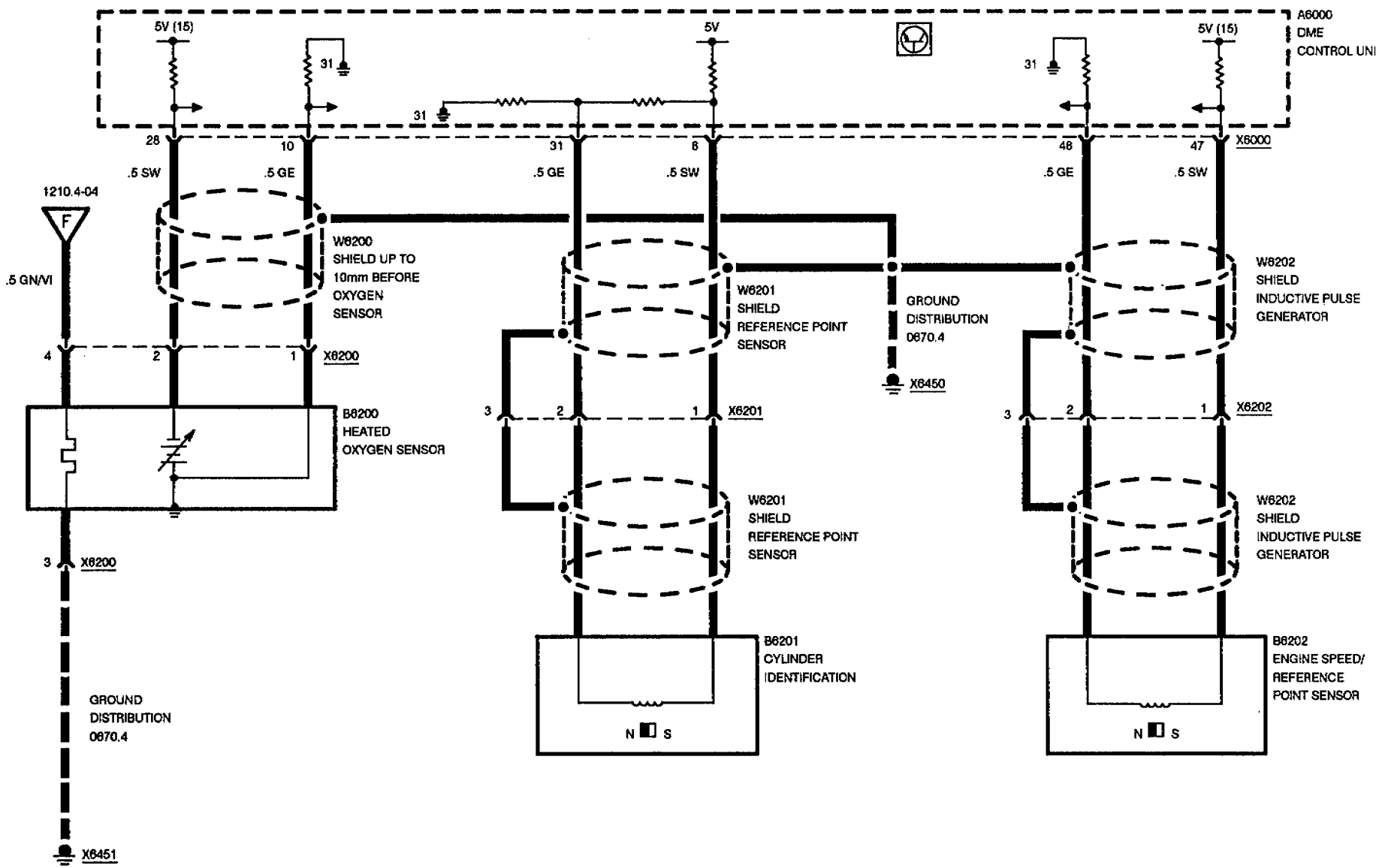
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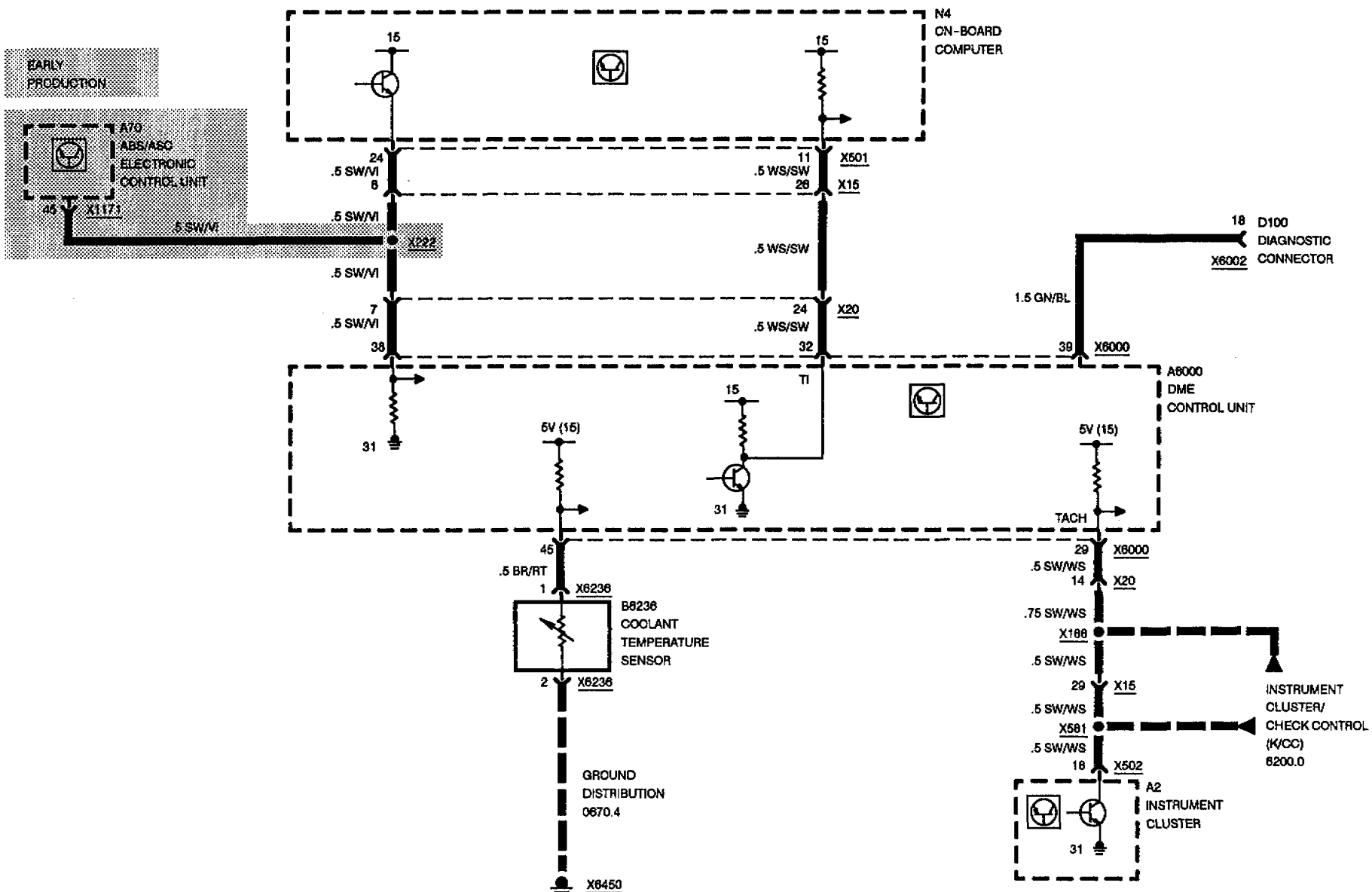
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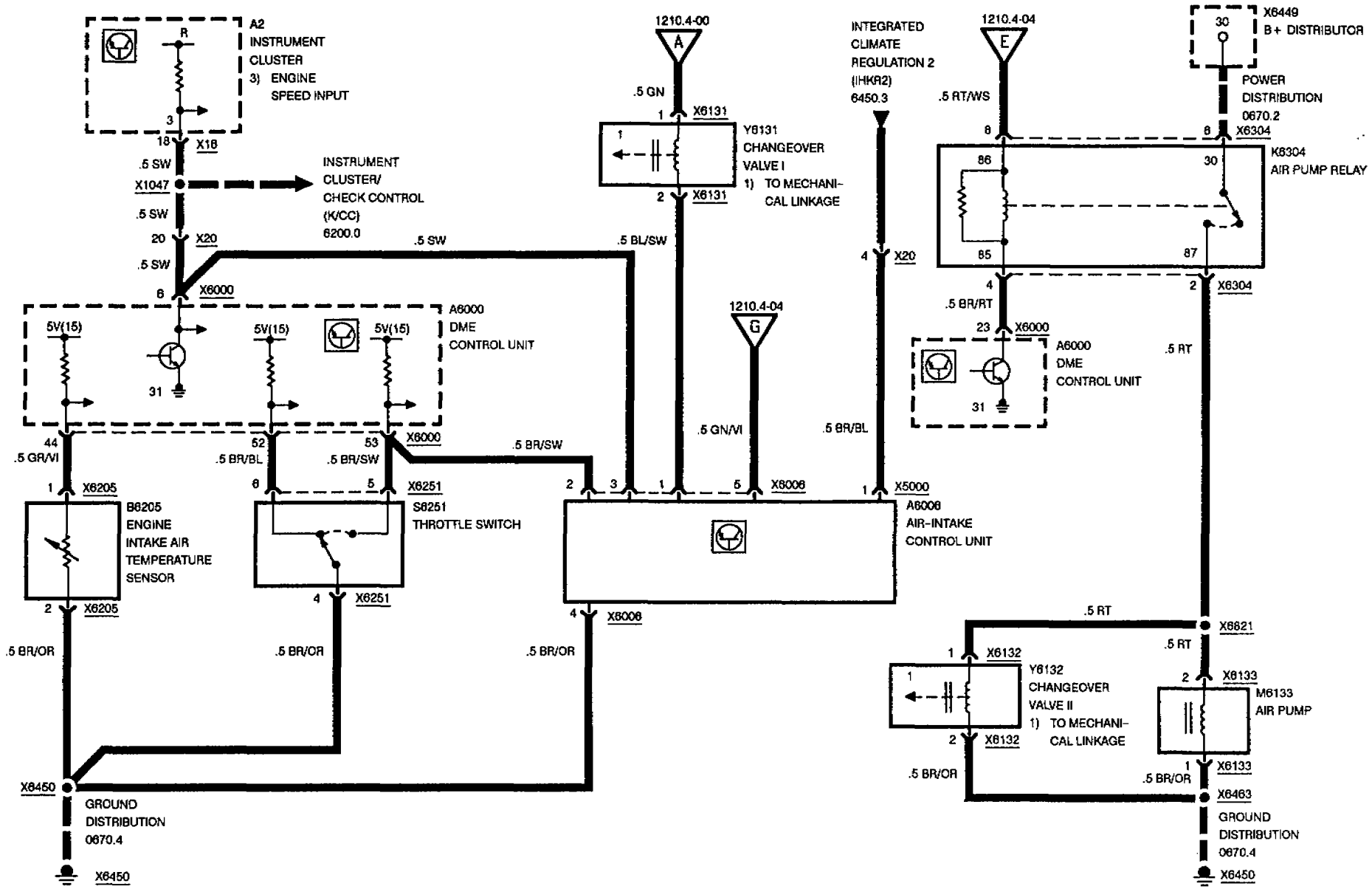
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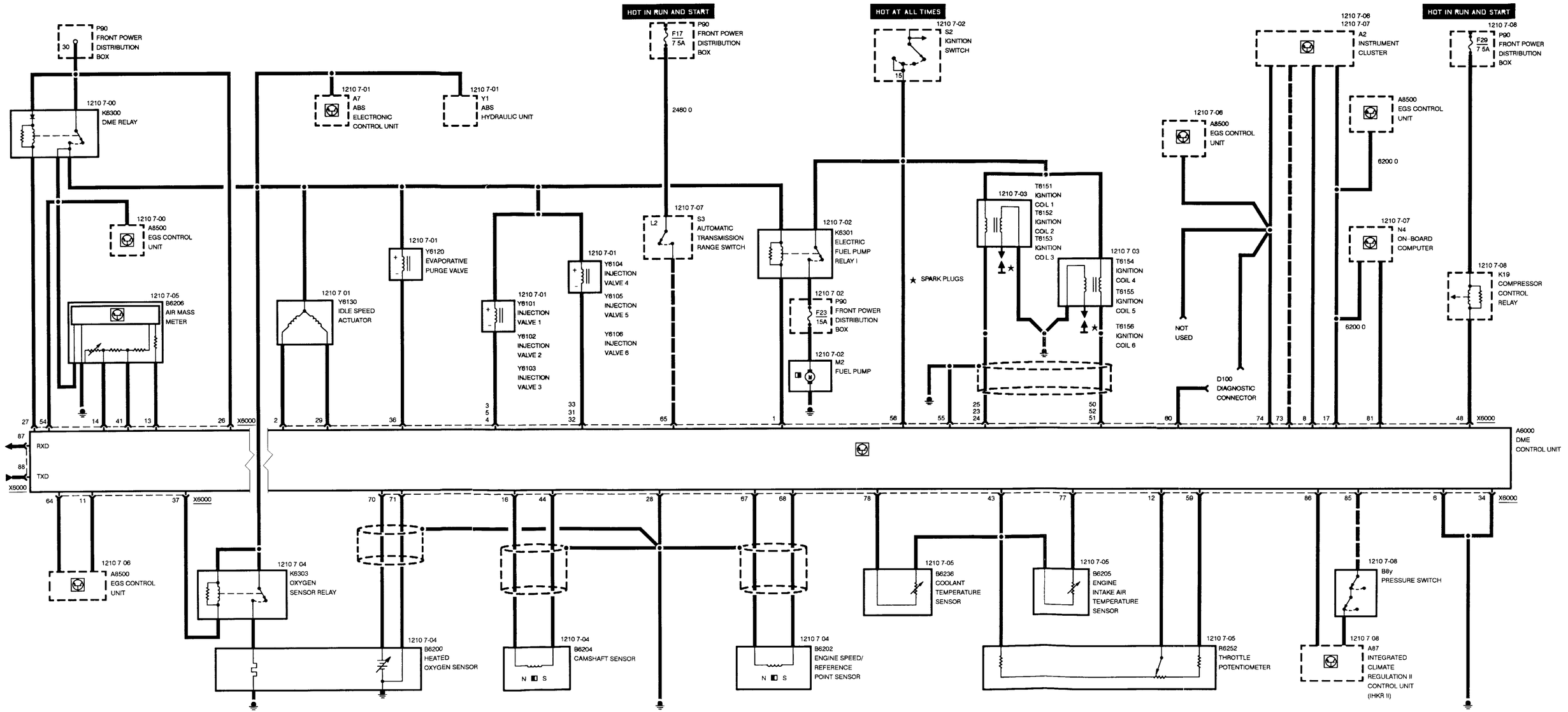


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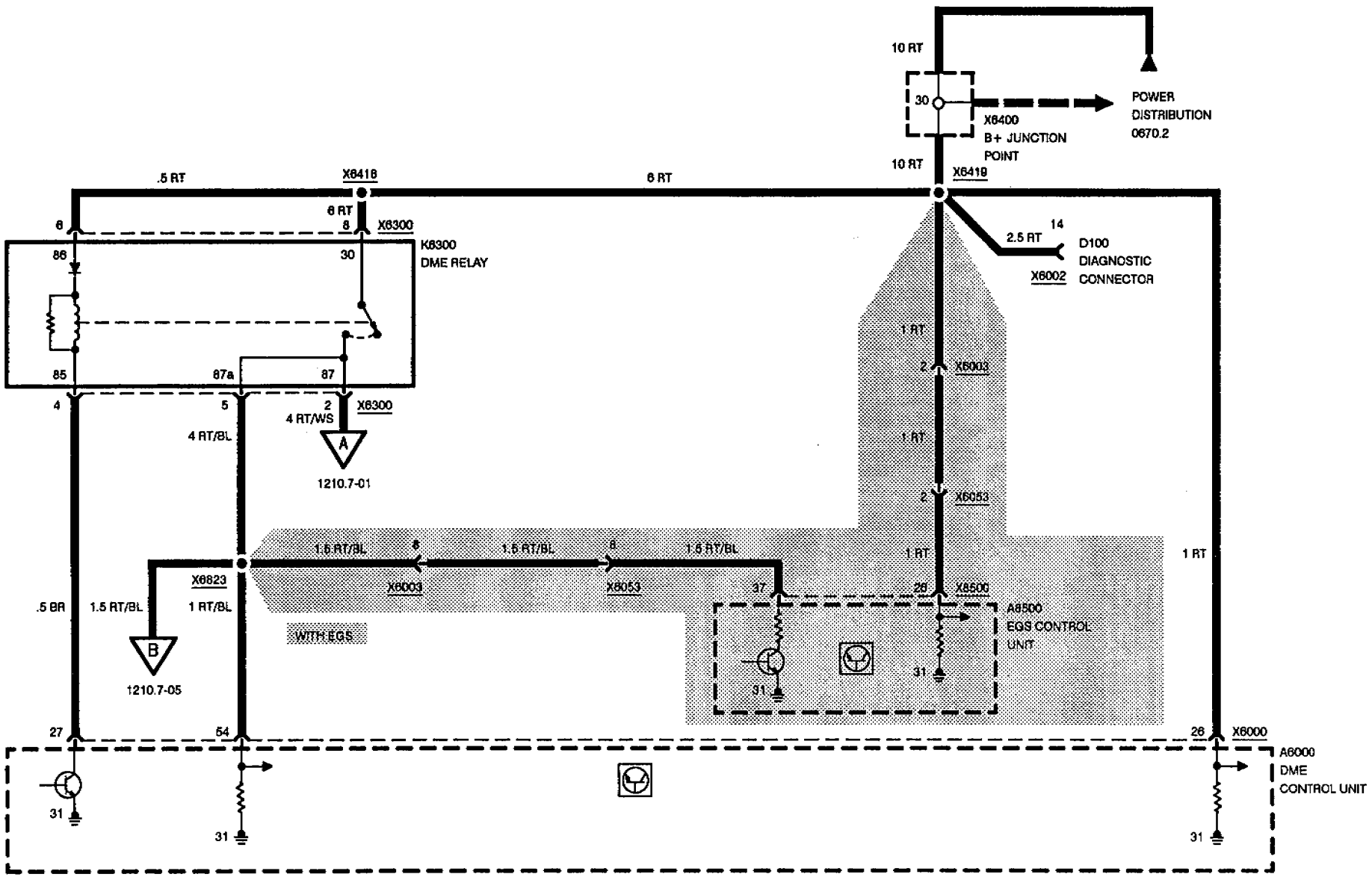
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02/92 — 1210 7 — 1991



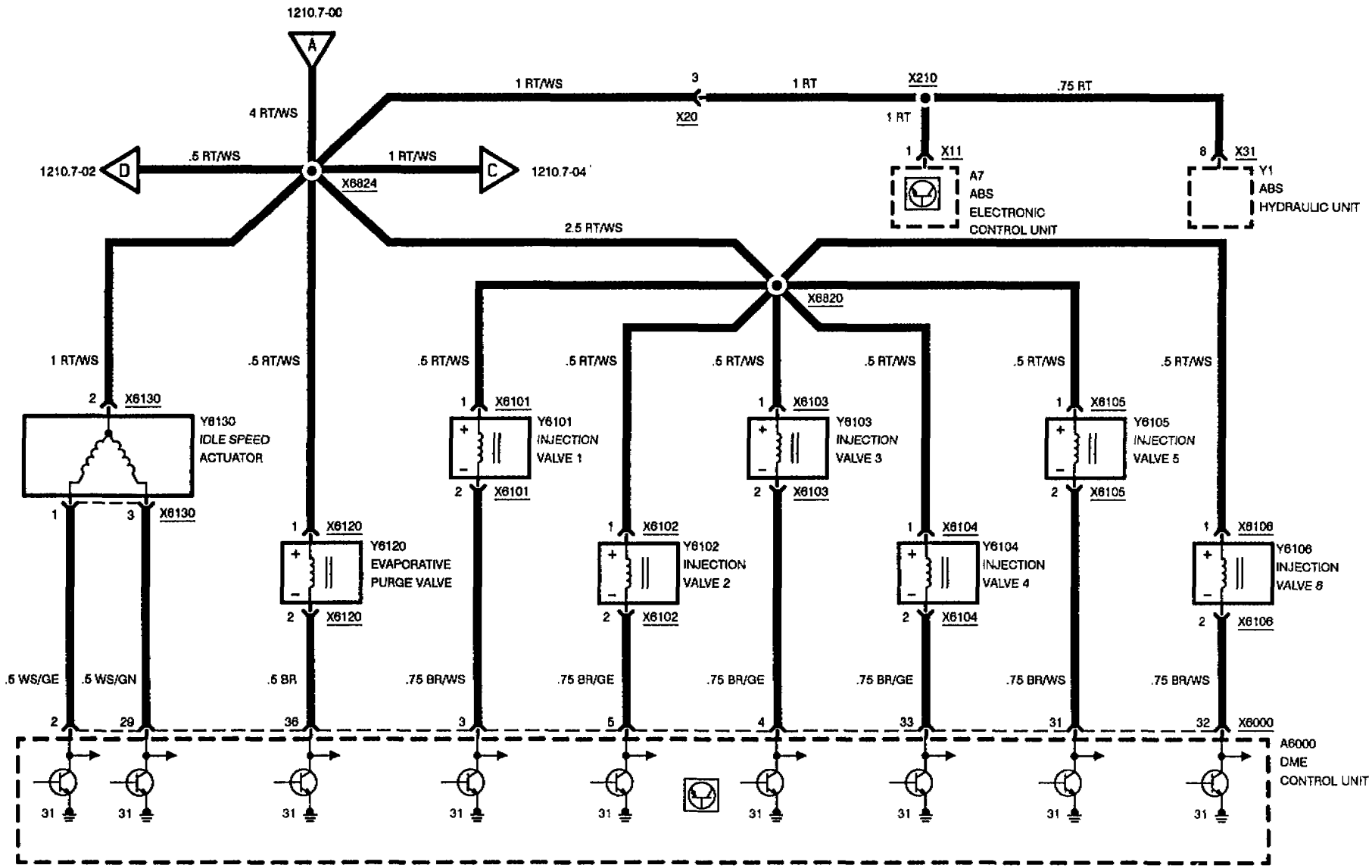
DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)

POWER



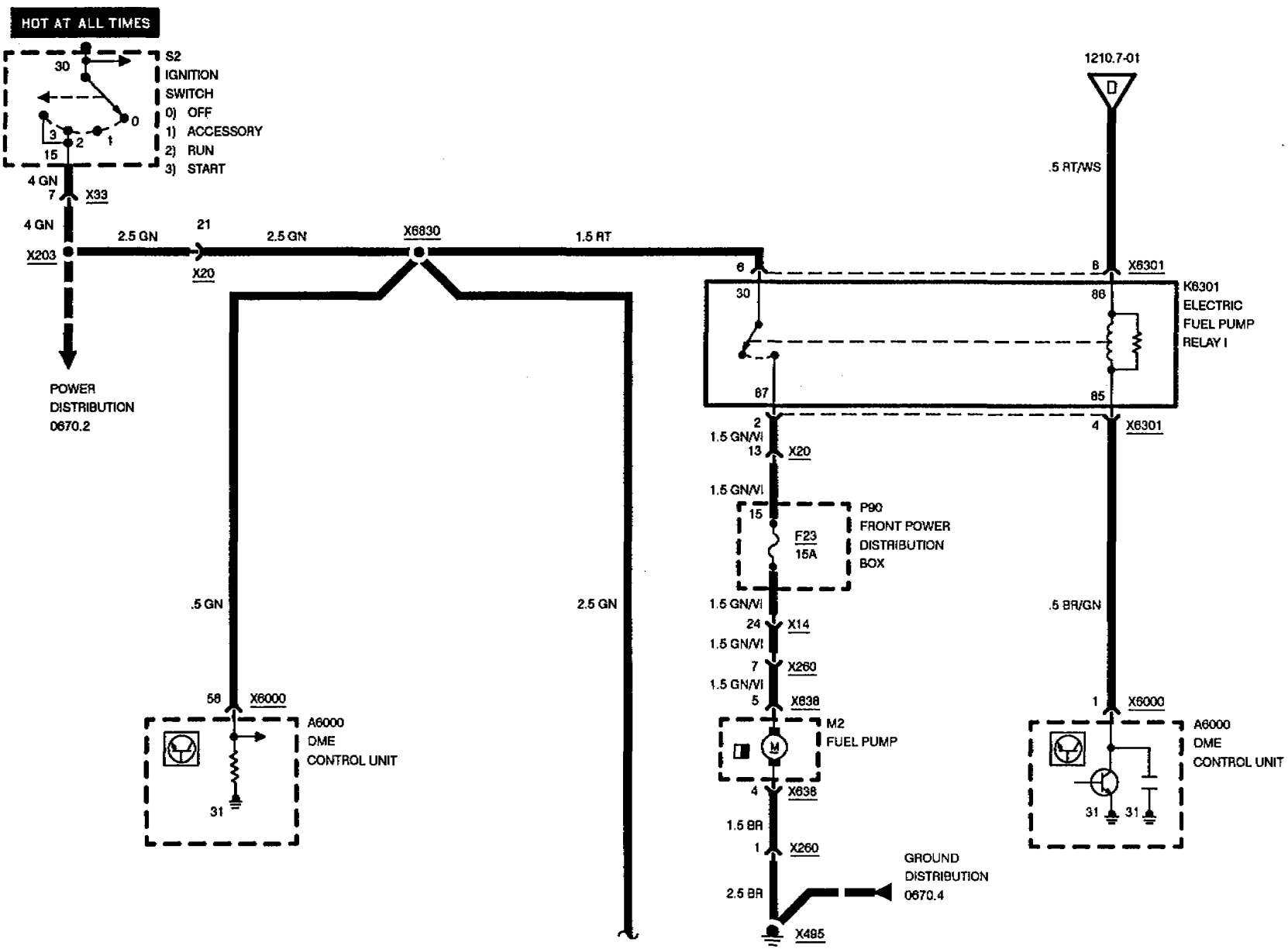
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DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)

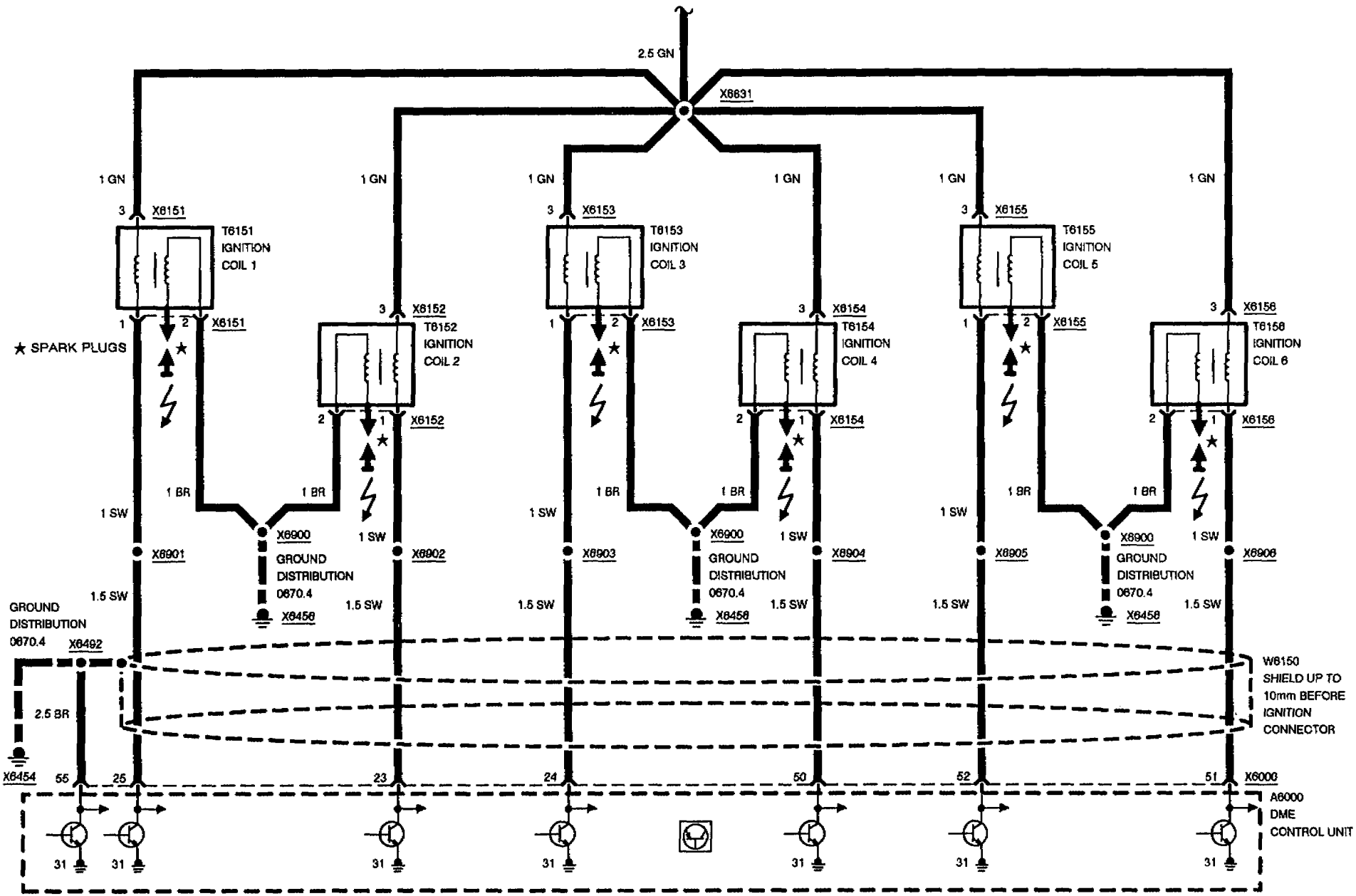


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DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)

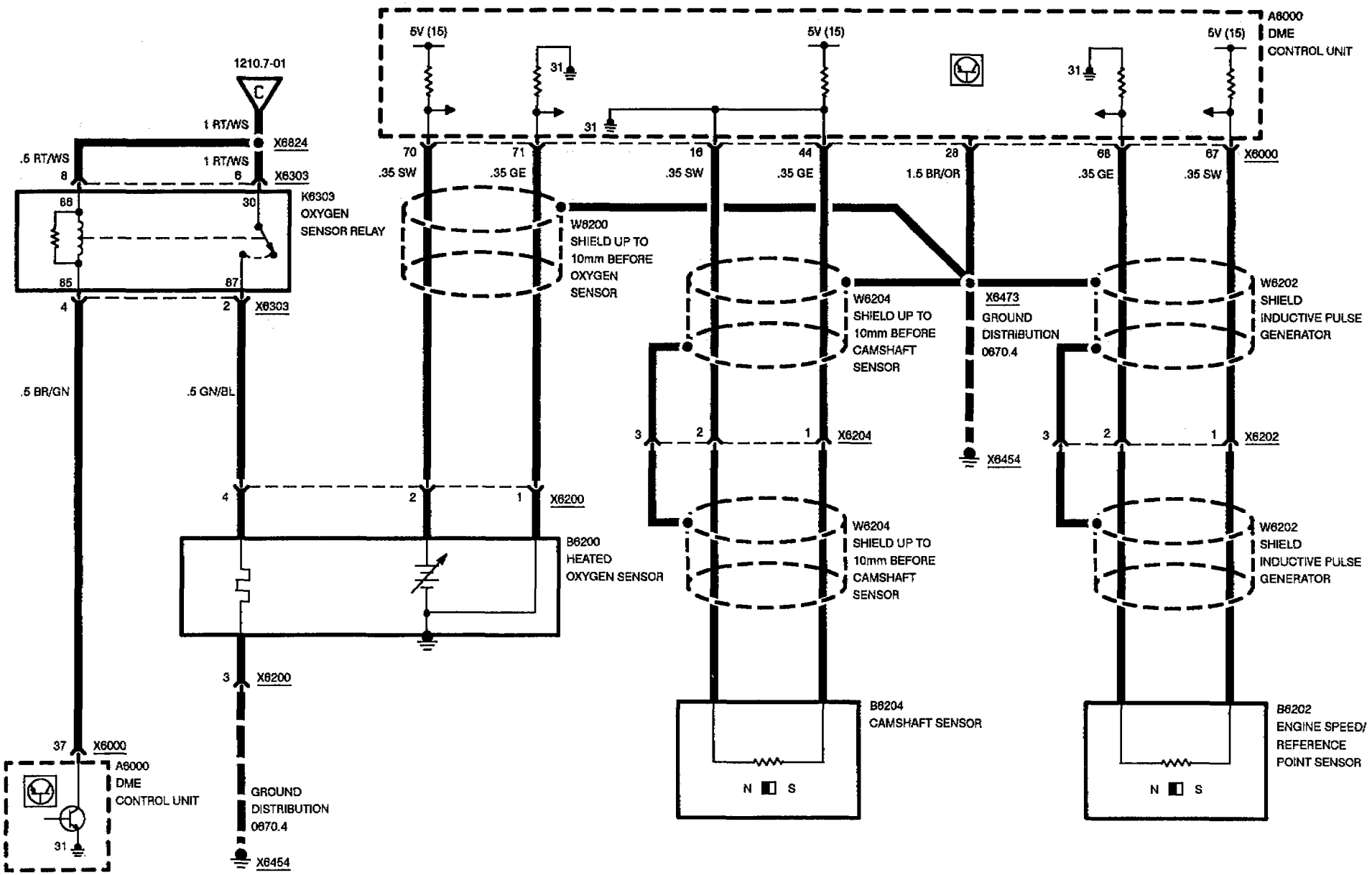


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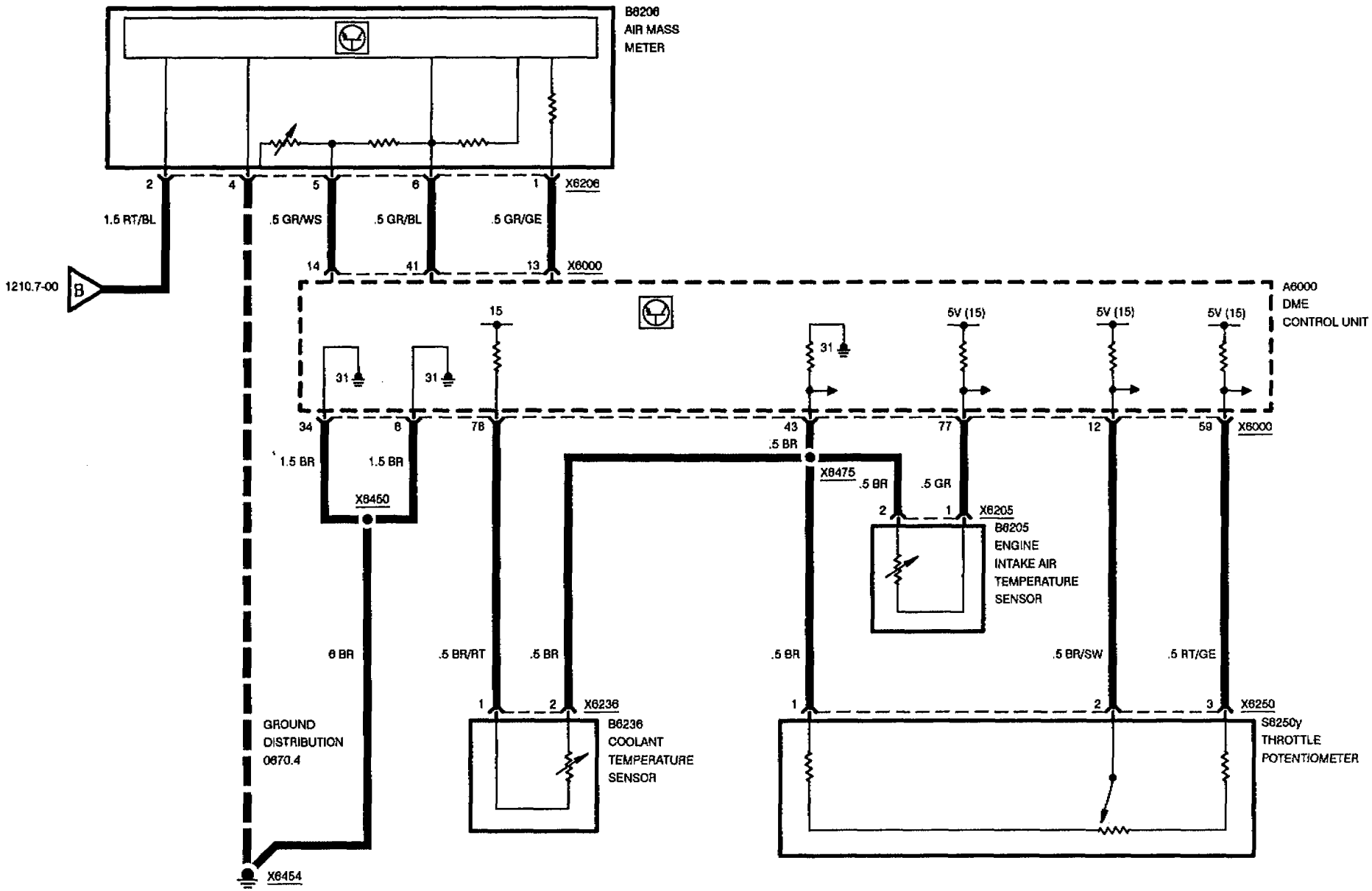
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DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)



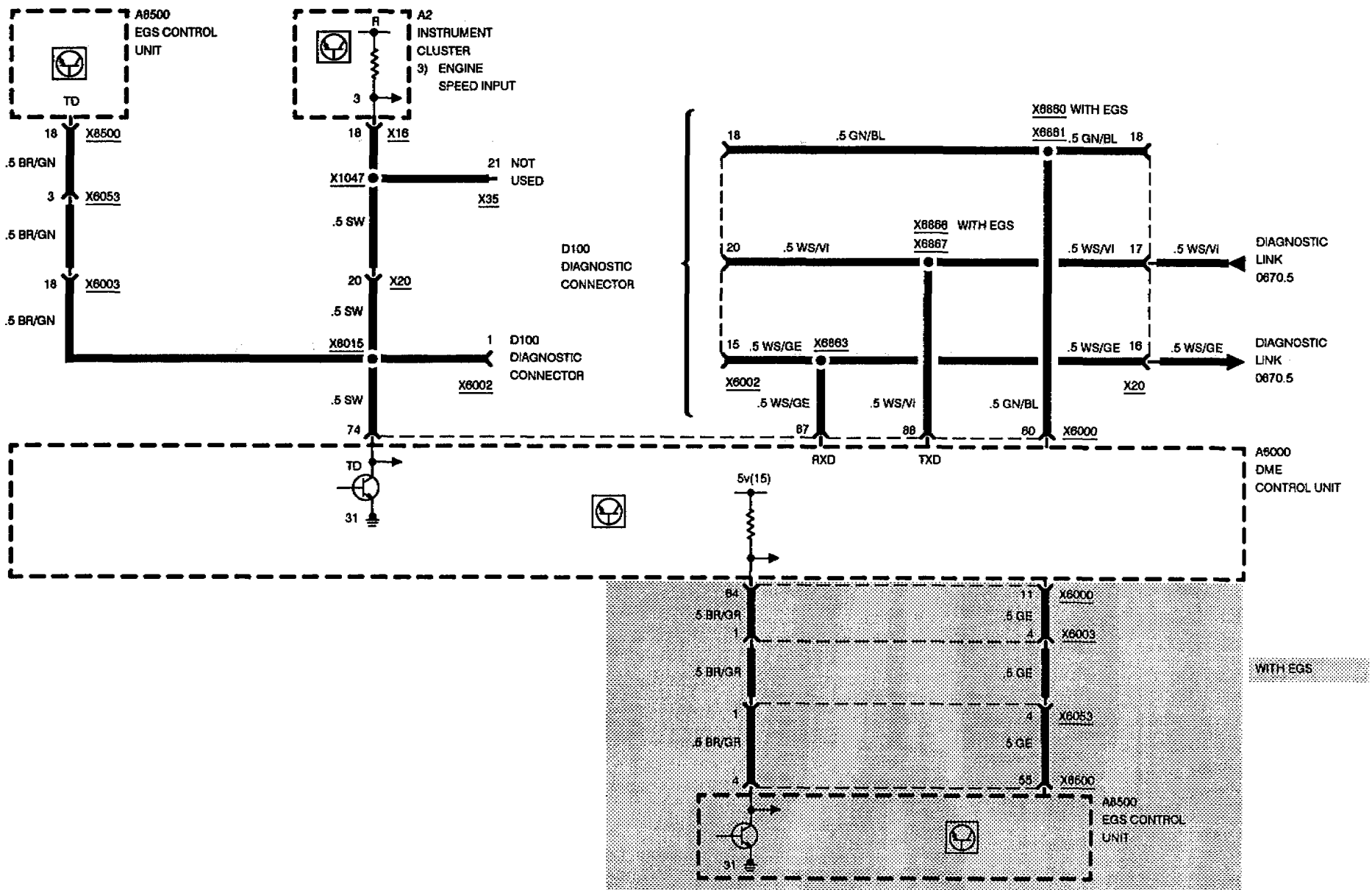
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DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)



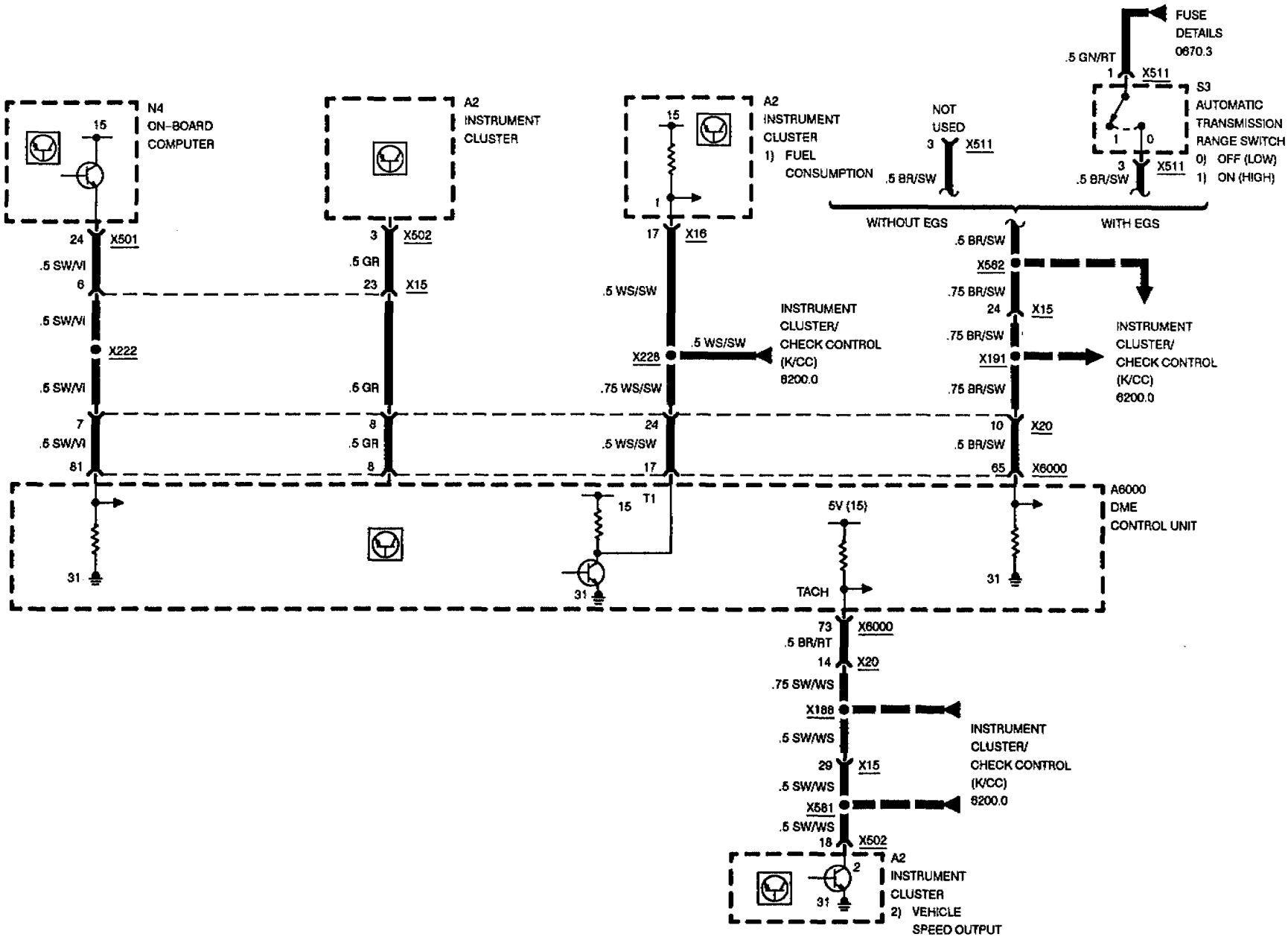
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DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)



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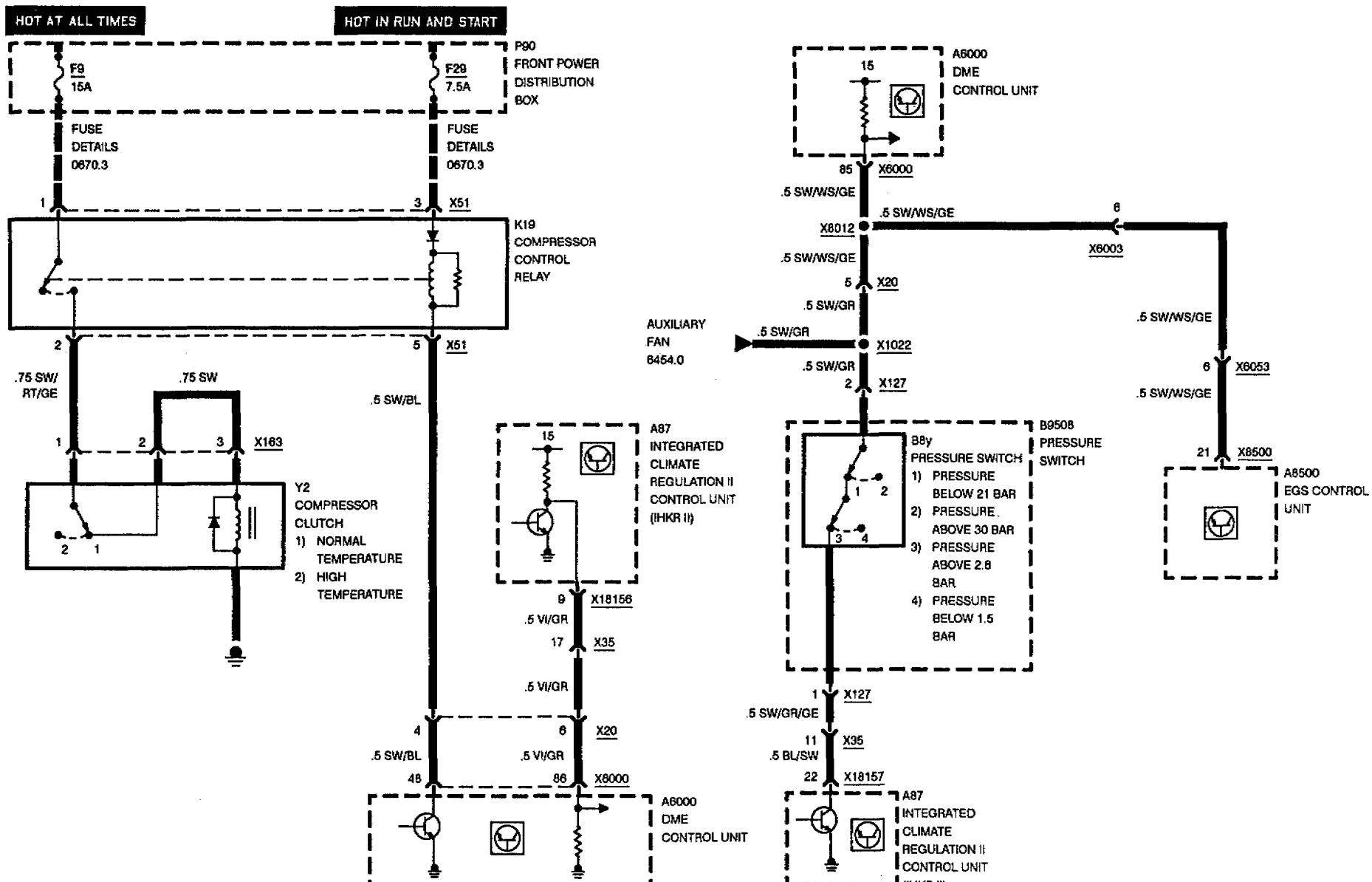
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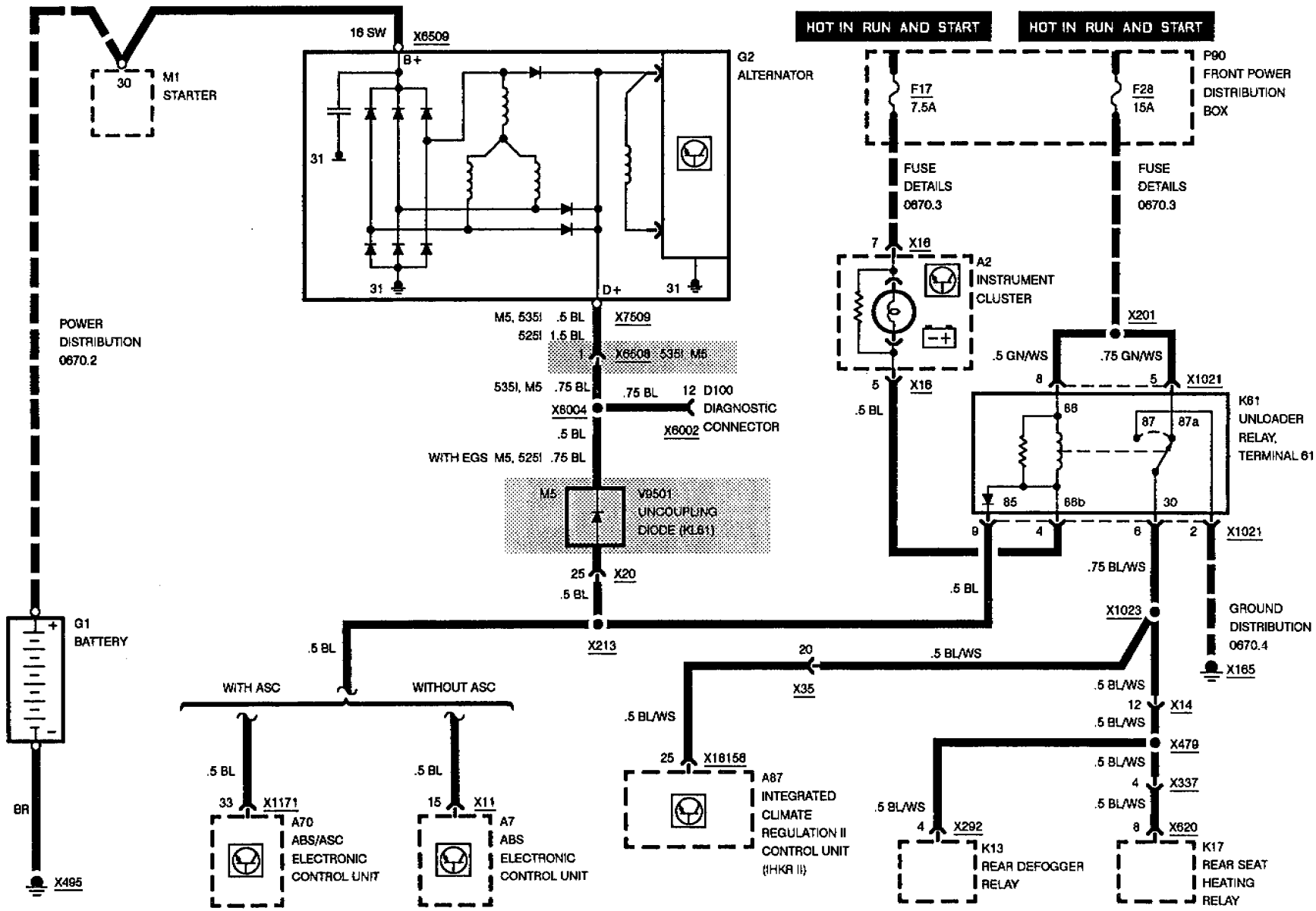
DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)

COMPRESSOR CONTROLS



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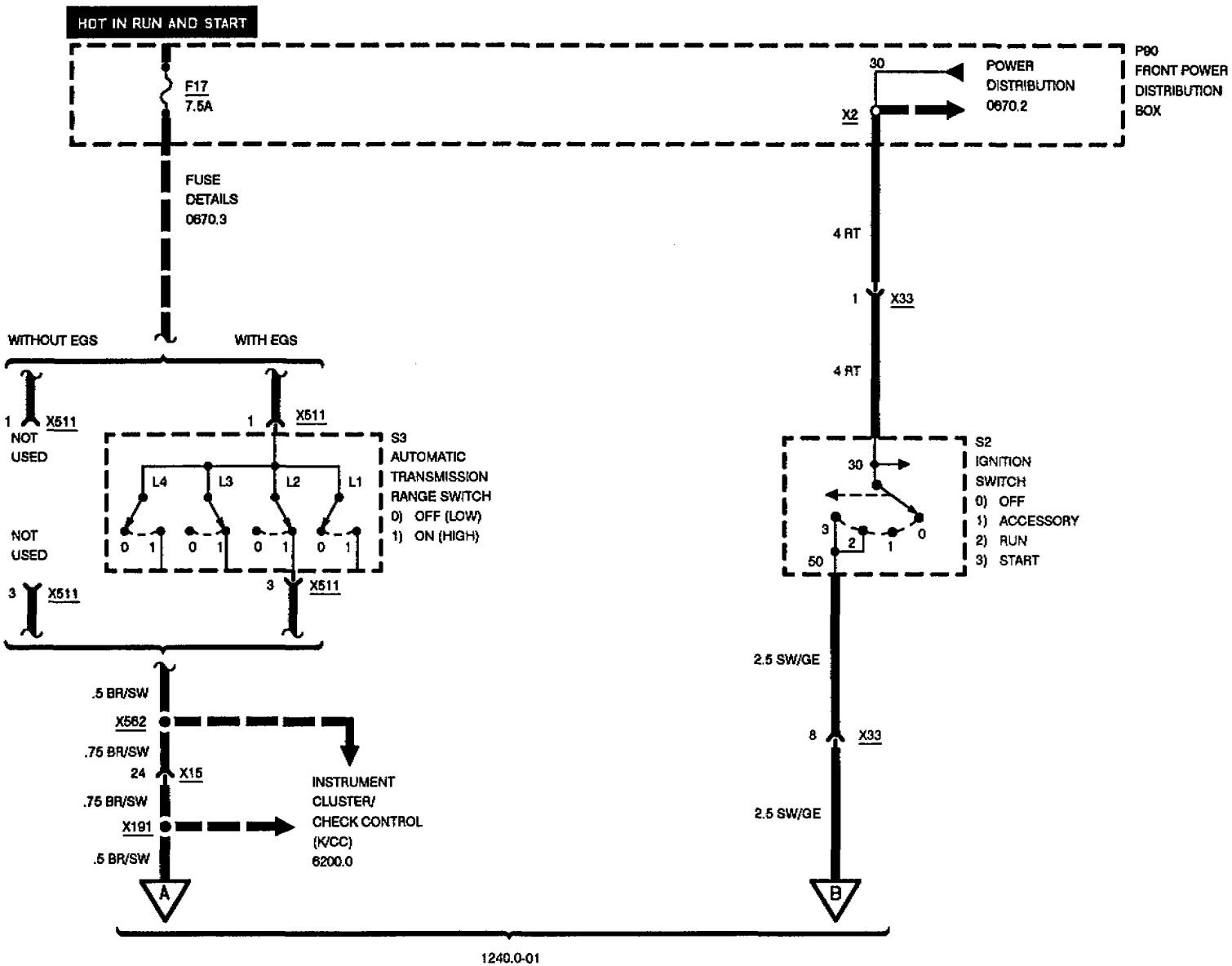
CHARGING SYSTEM



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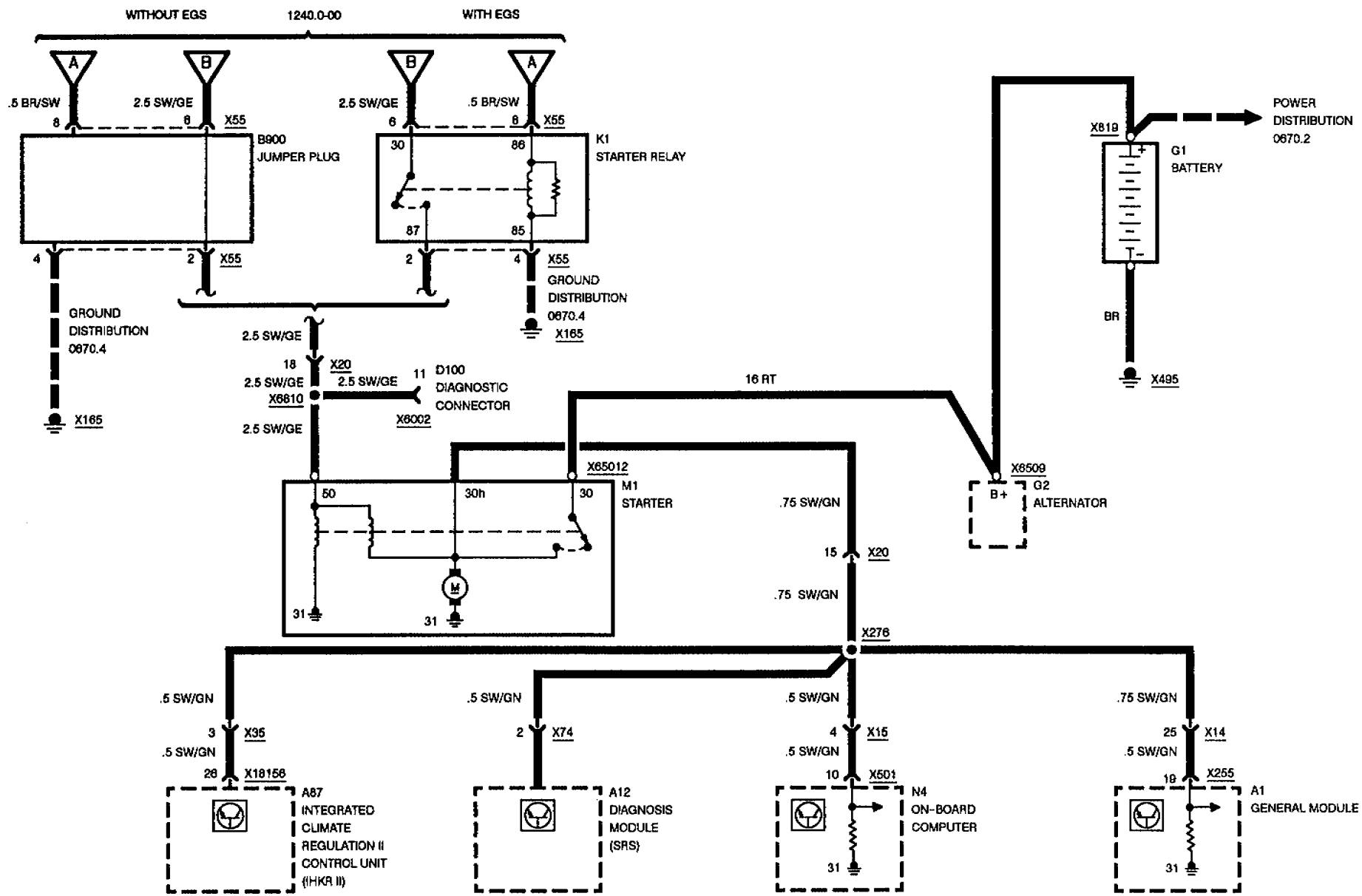
EGS 4HP-22
EGS A4S 310R

	L1	L2	L3	L4
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



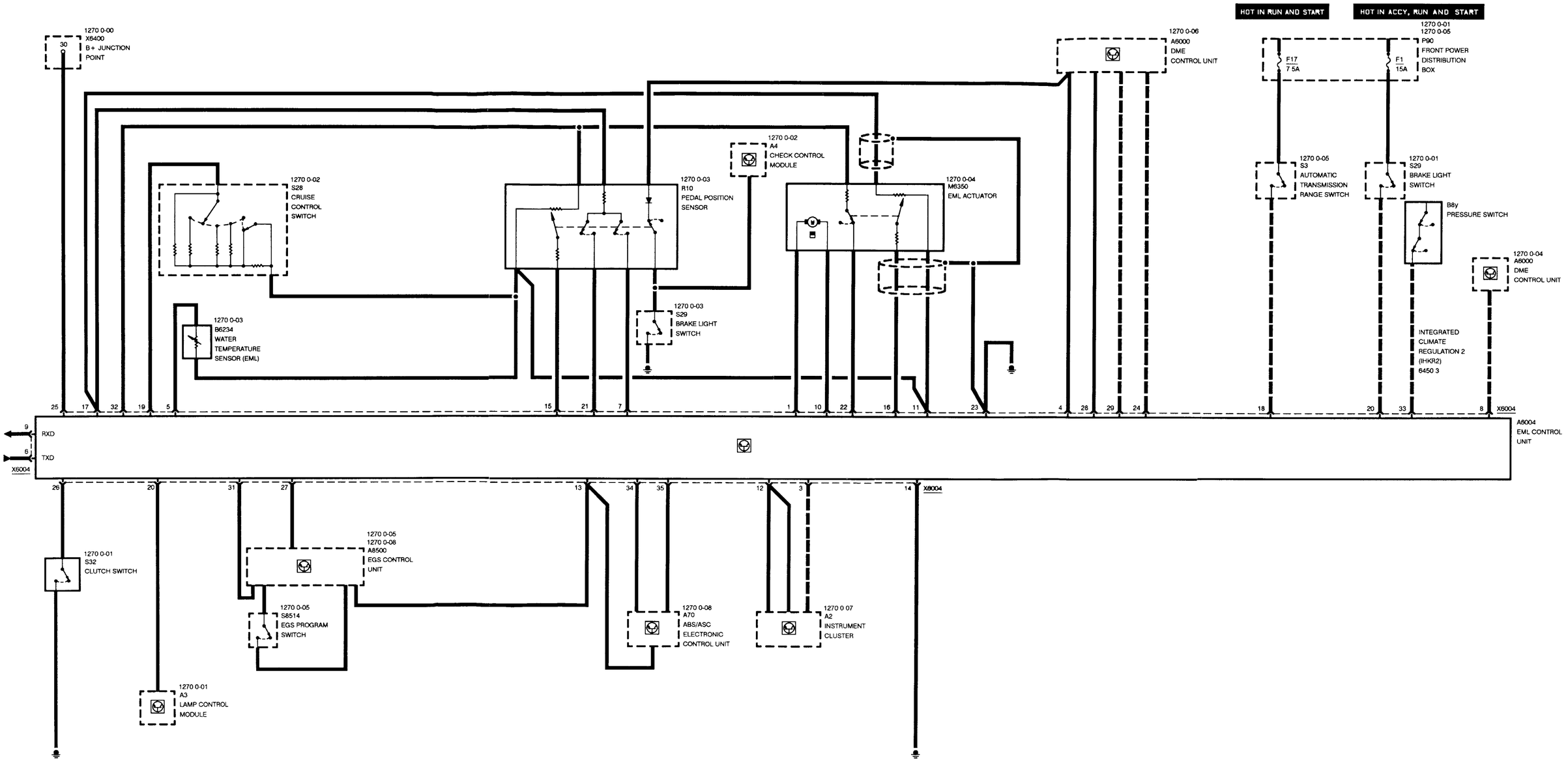
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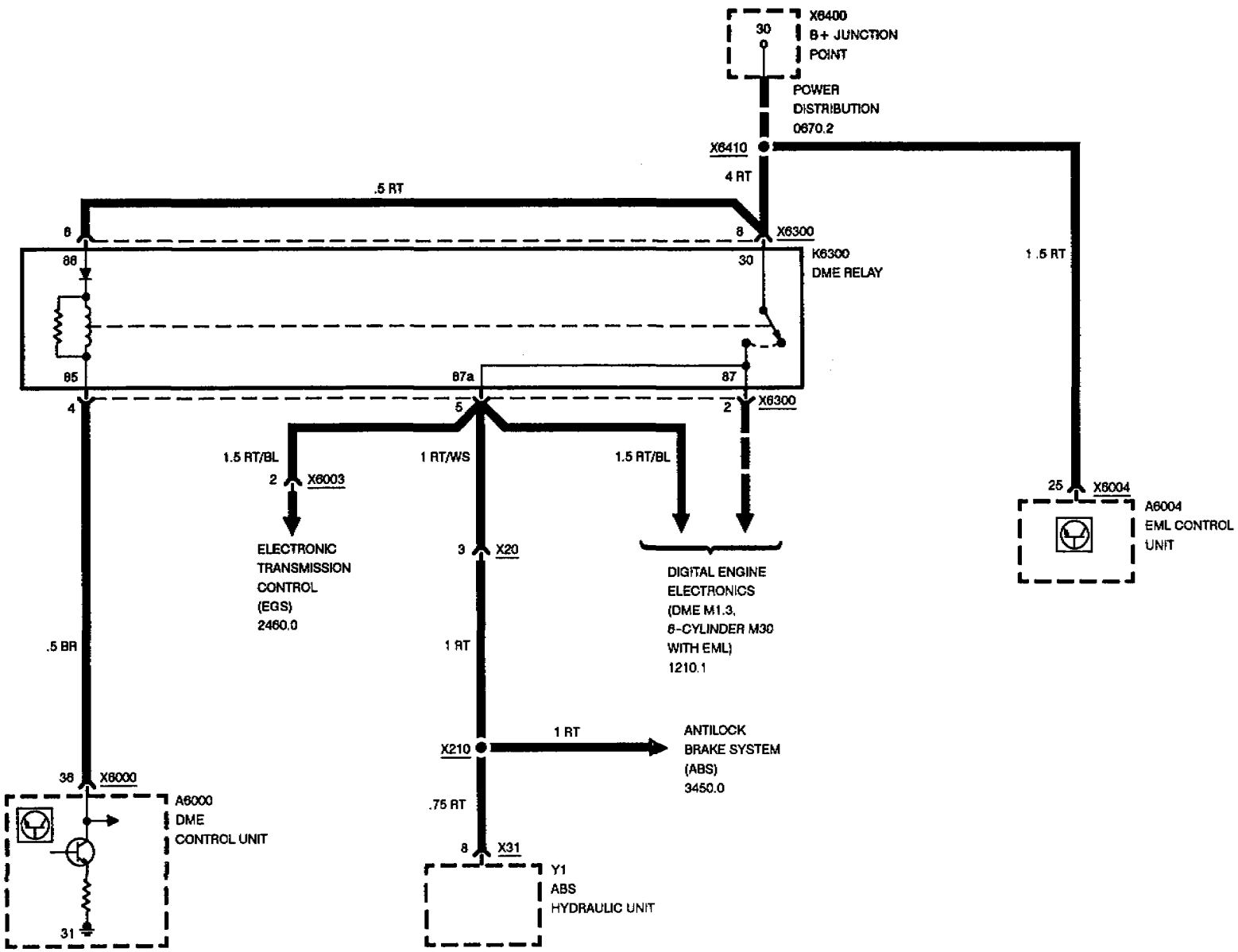
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02/92 — 1270 0 — 1991



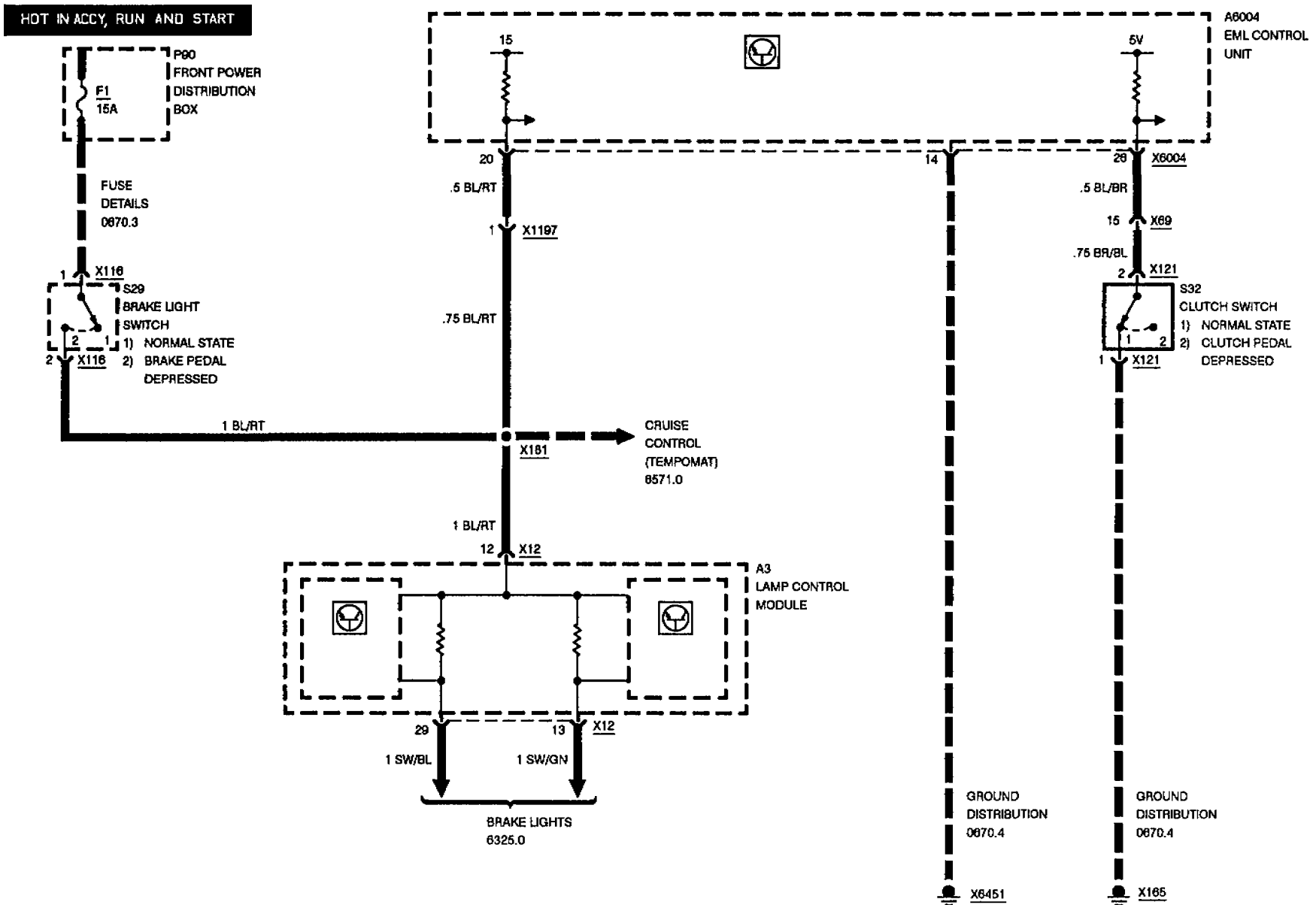
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ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)



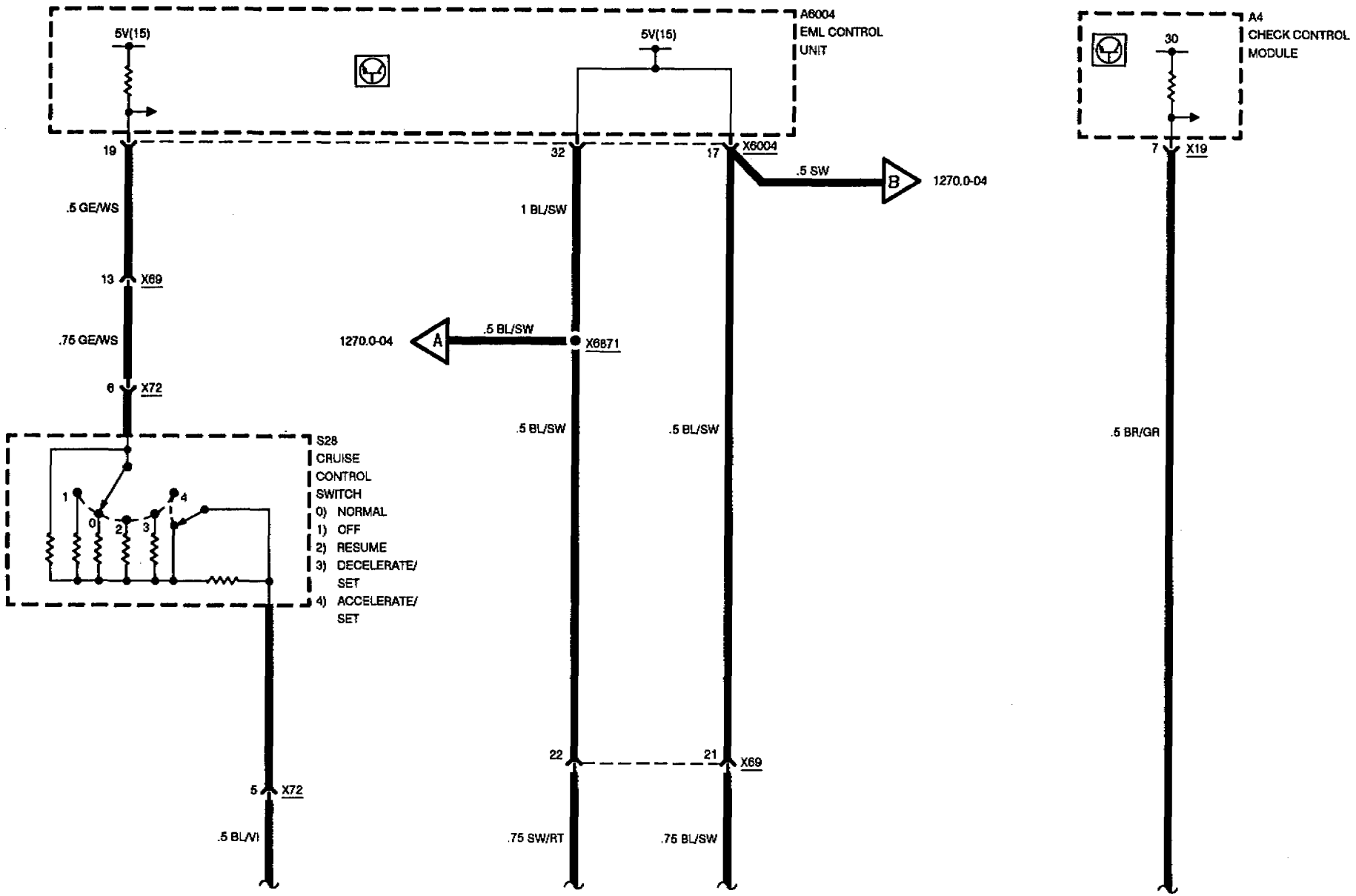
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ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)

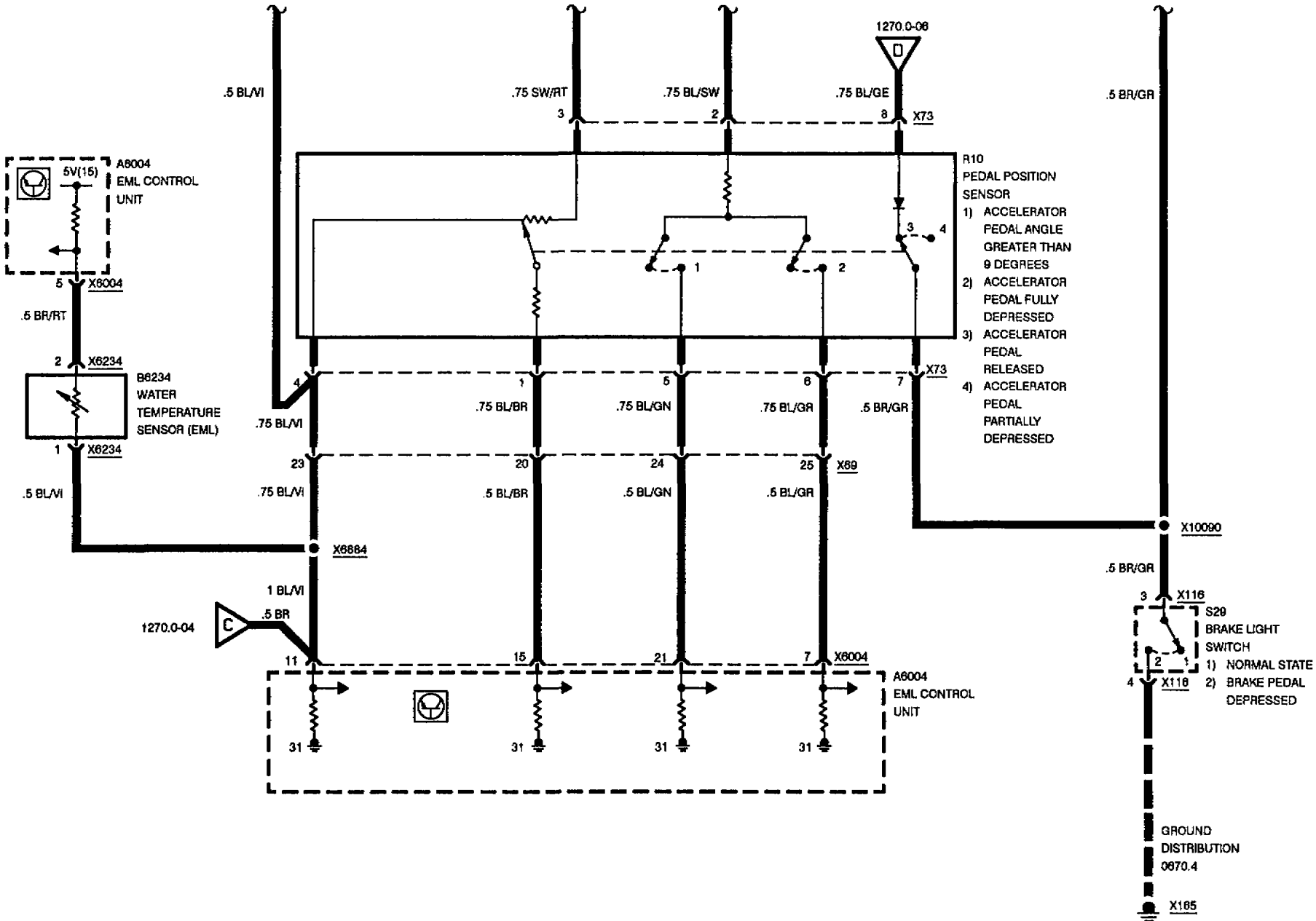


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ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)

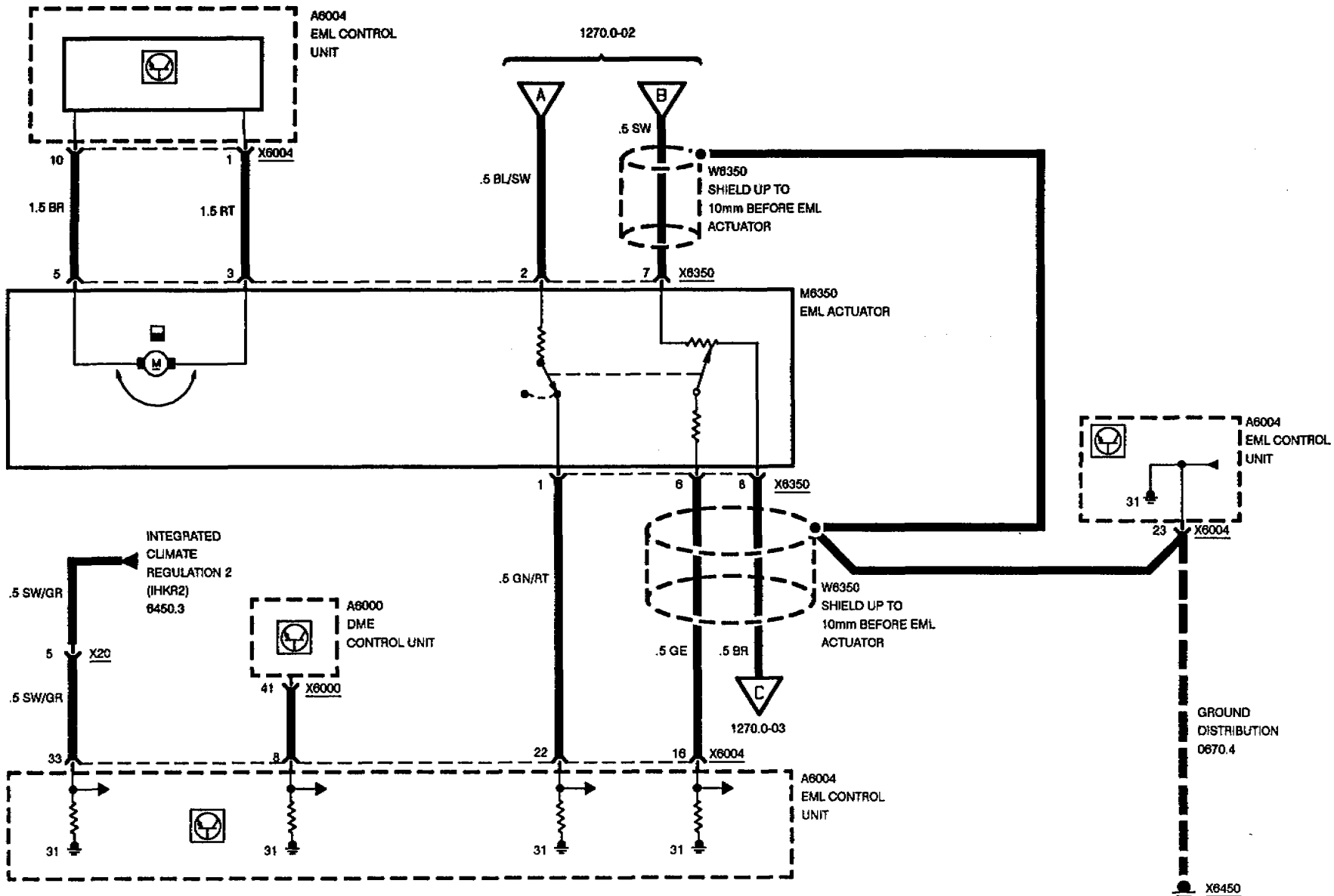


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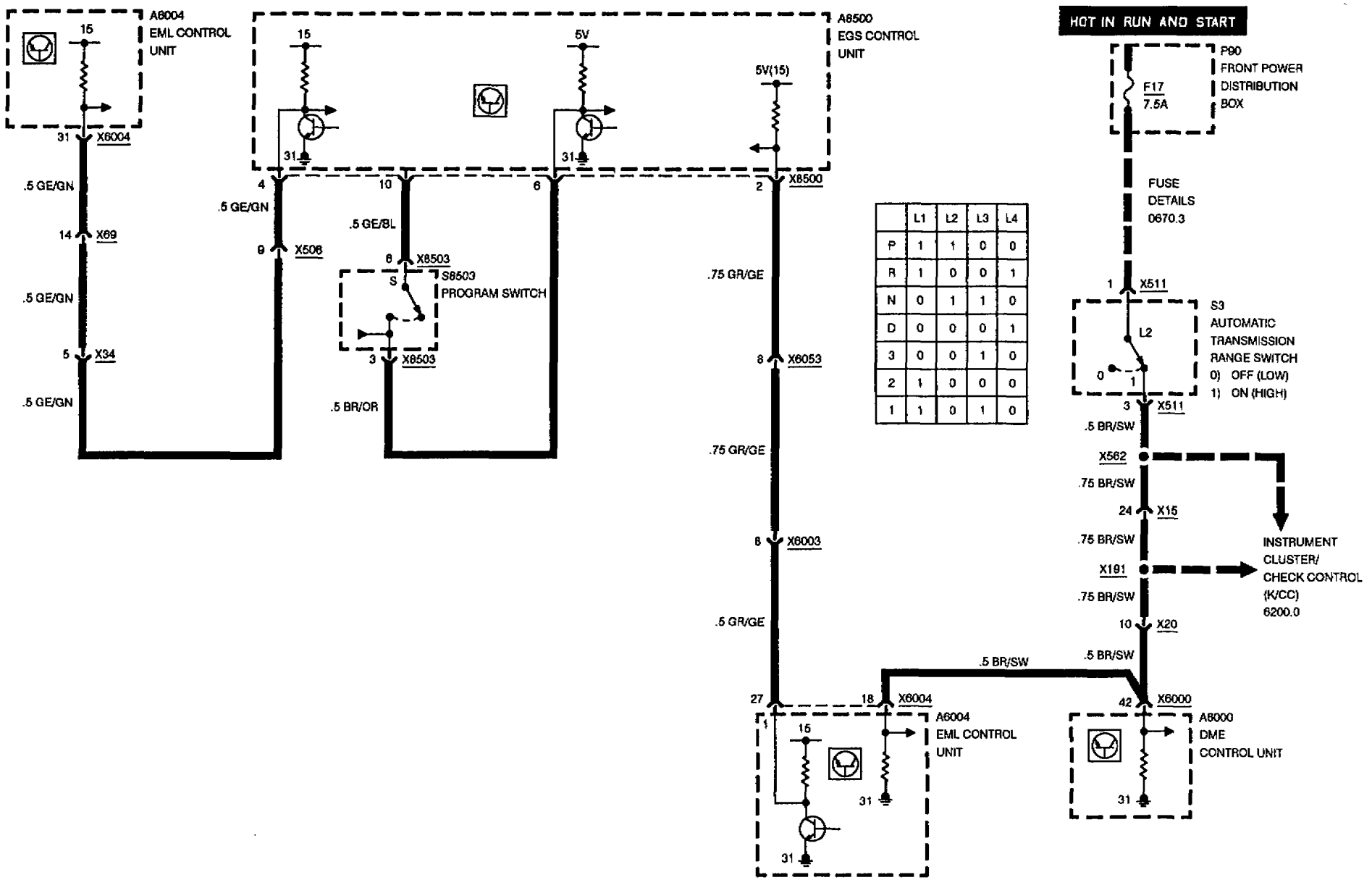
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ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)



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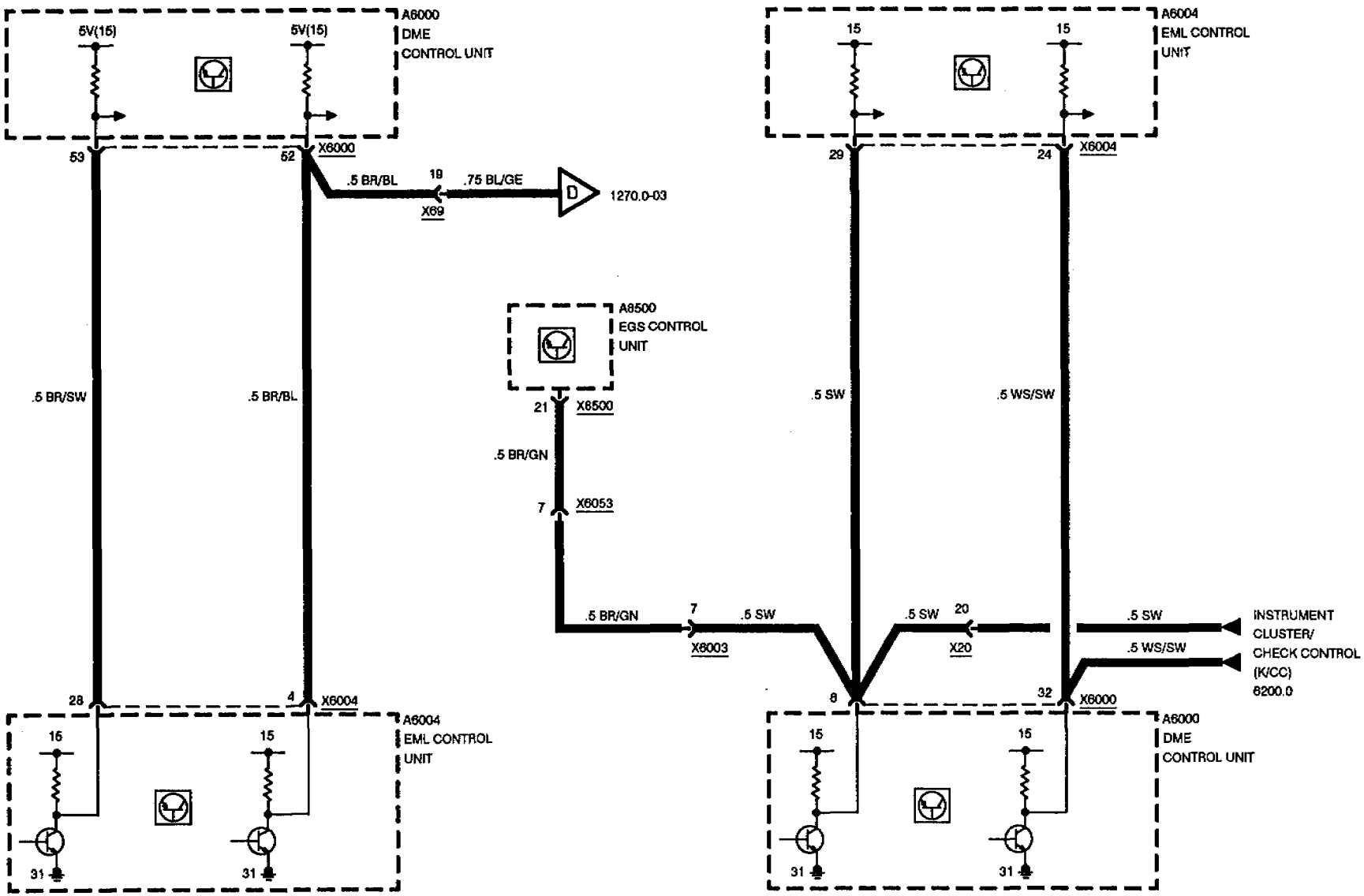
ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)



	L1	L2	L3	L4
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

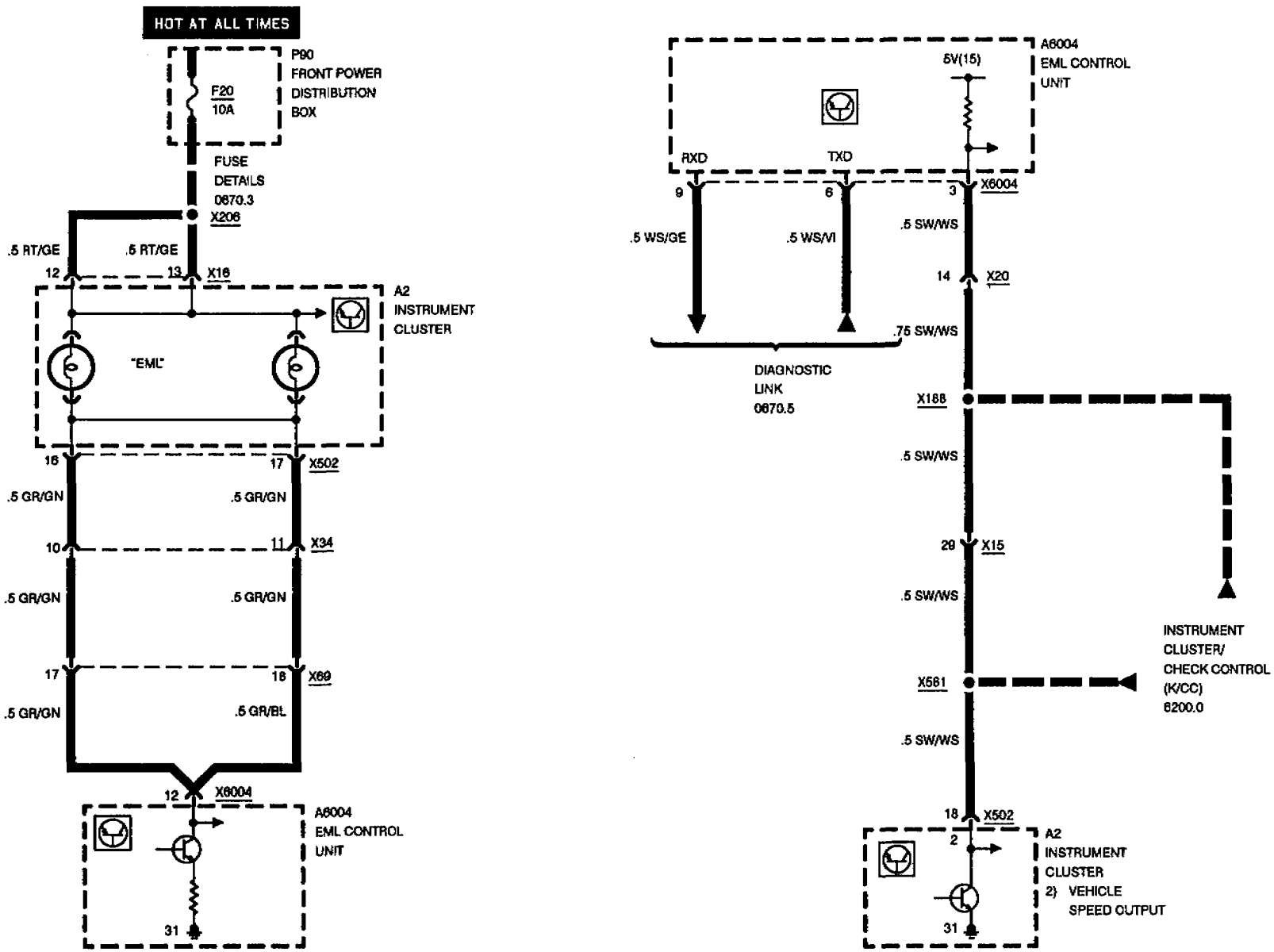
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ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)



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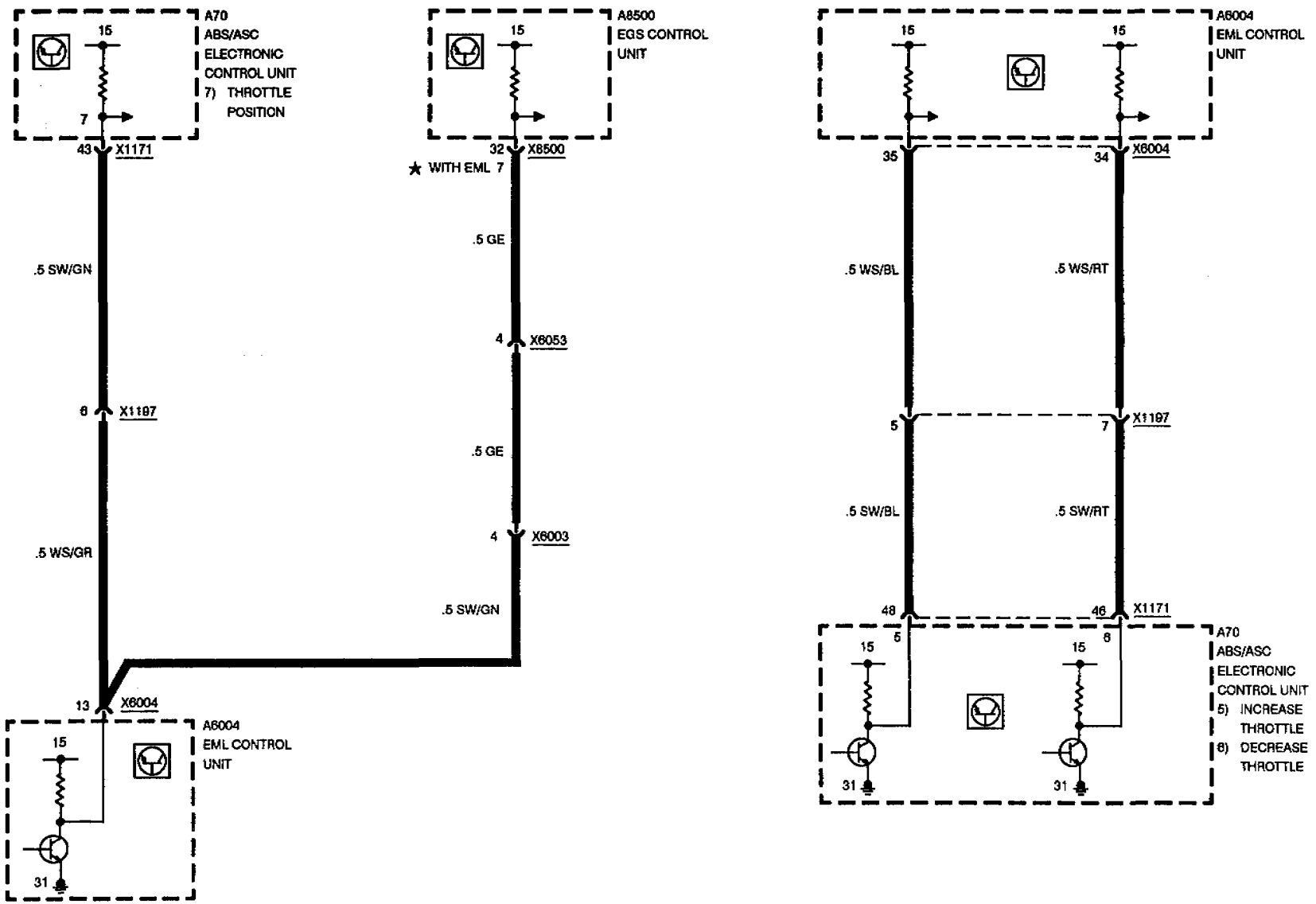
ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)



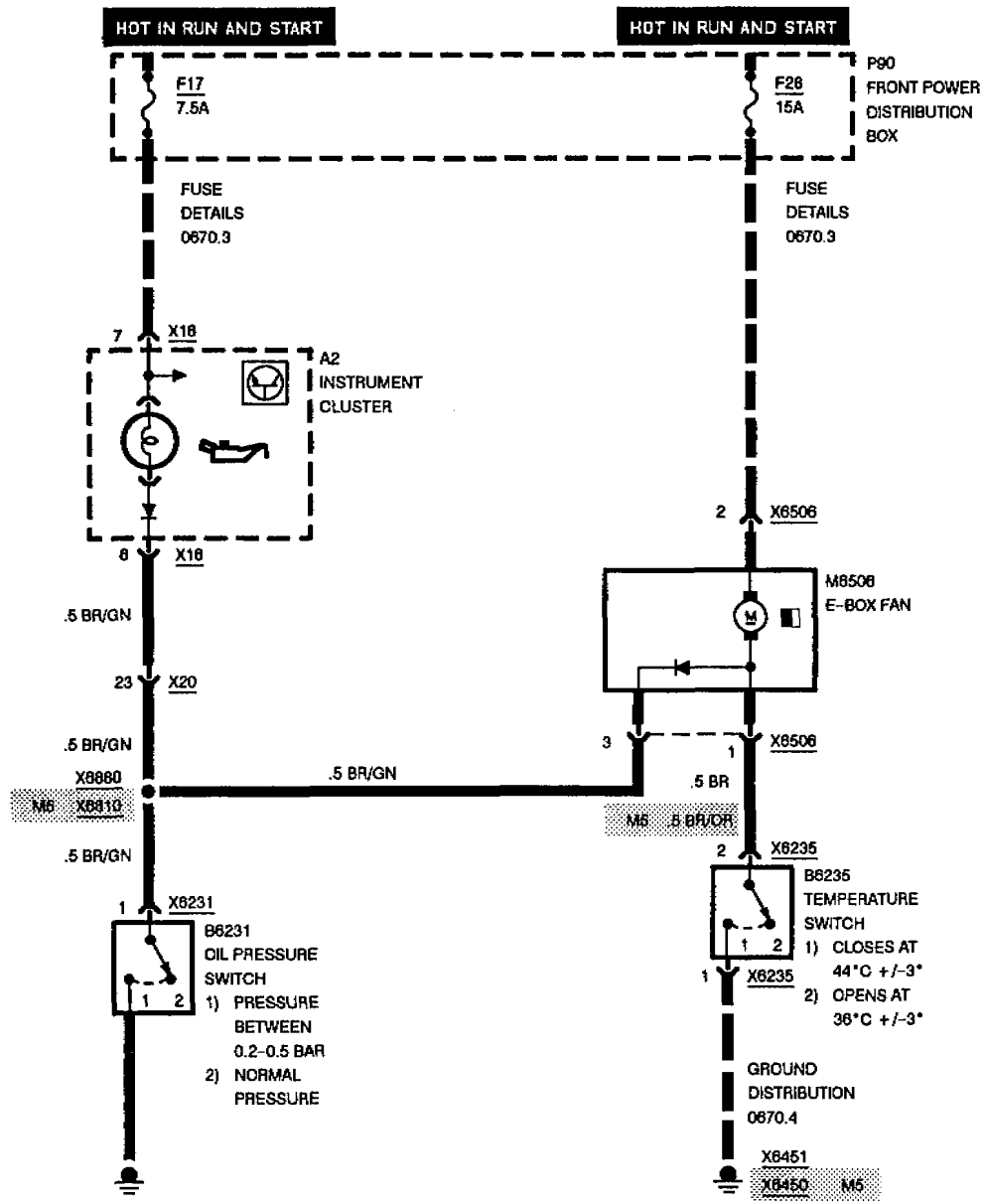
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ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)

DIGITAL ENGINE ELECTRONICS

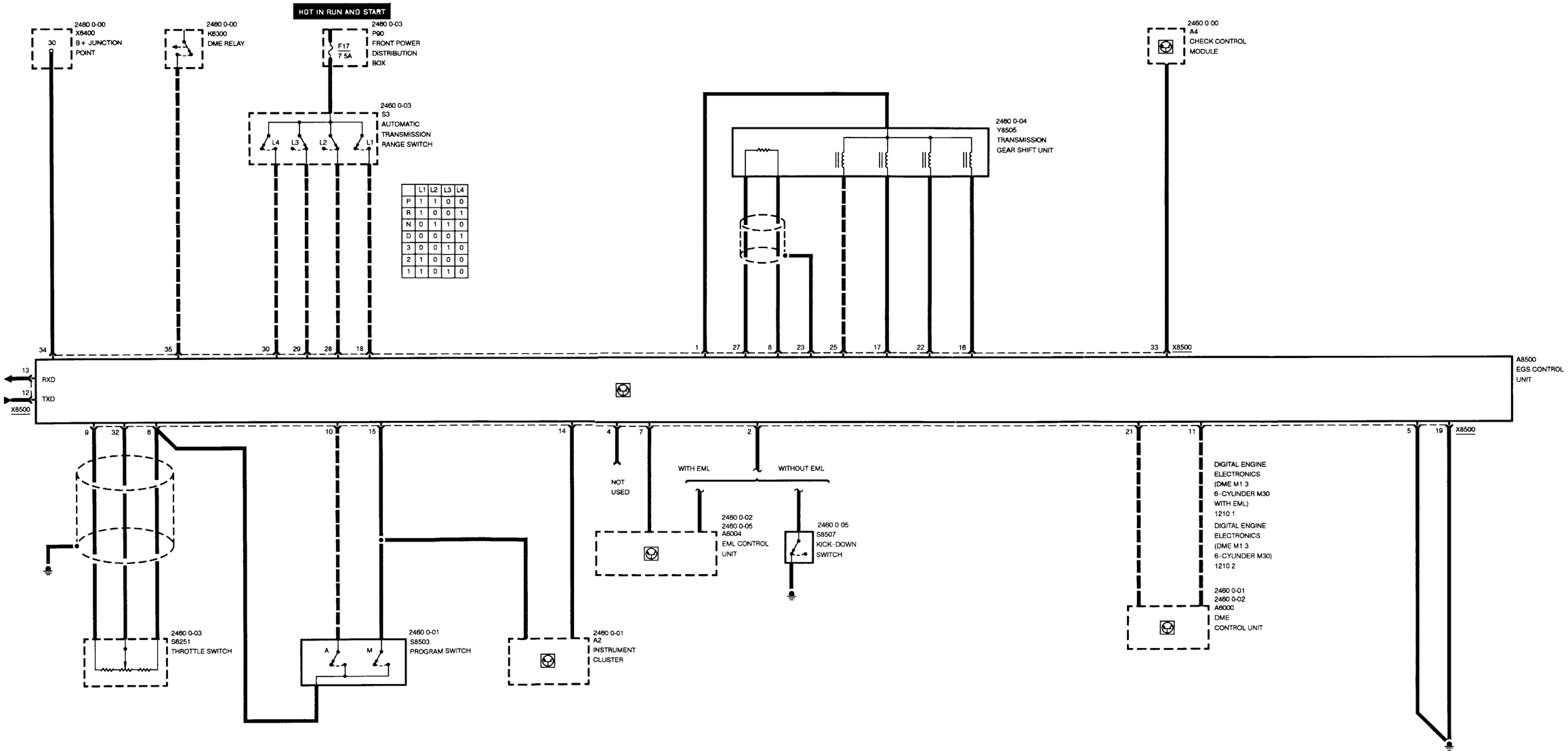


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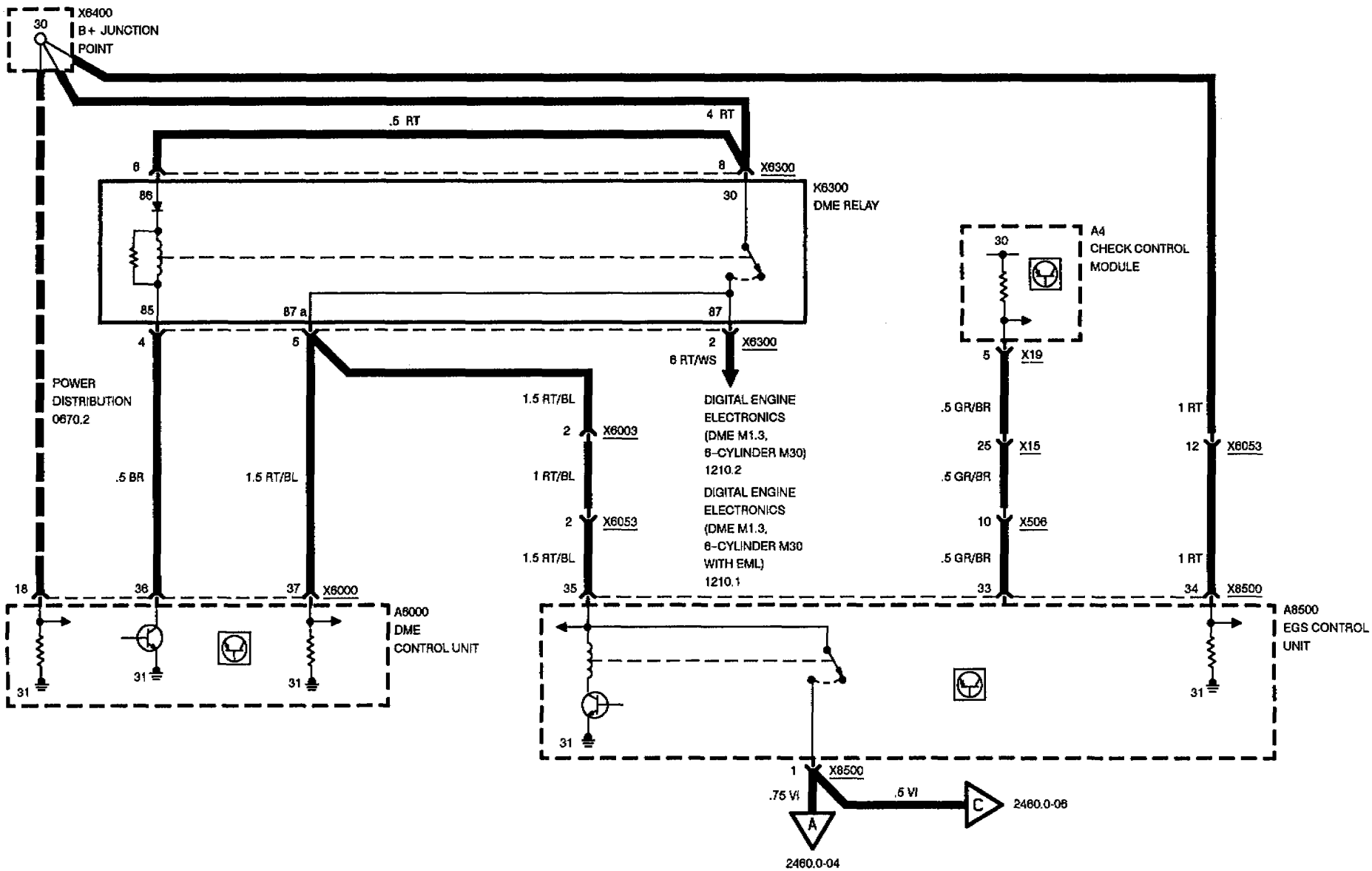
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02/92 — 2460 0 — 1991



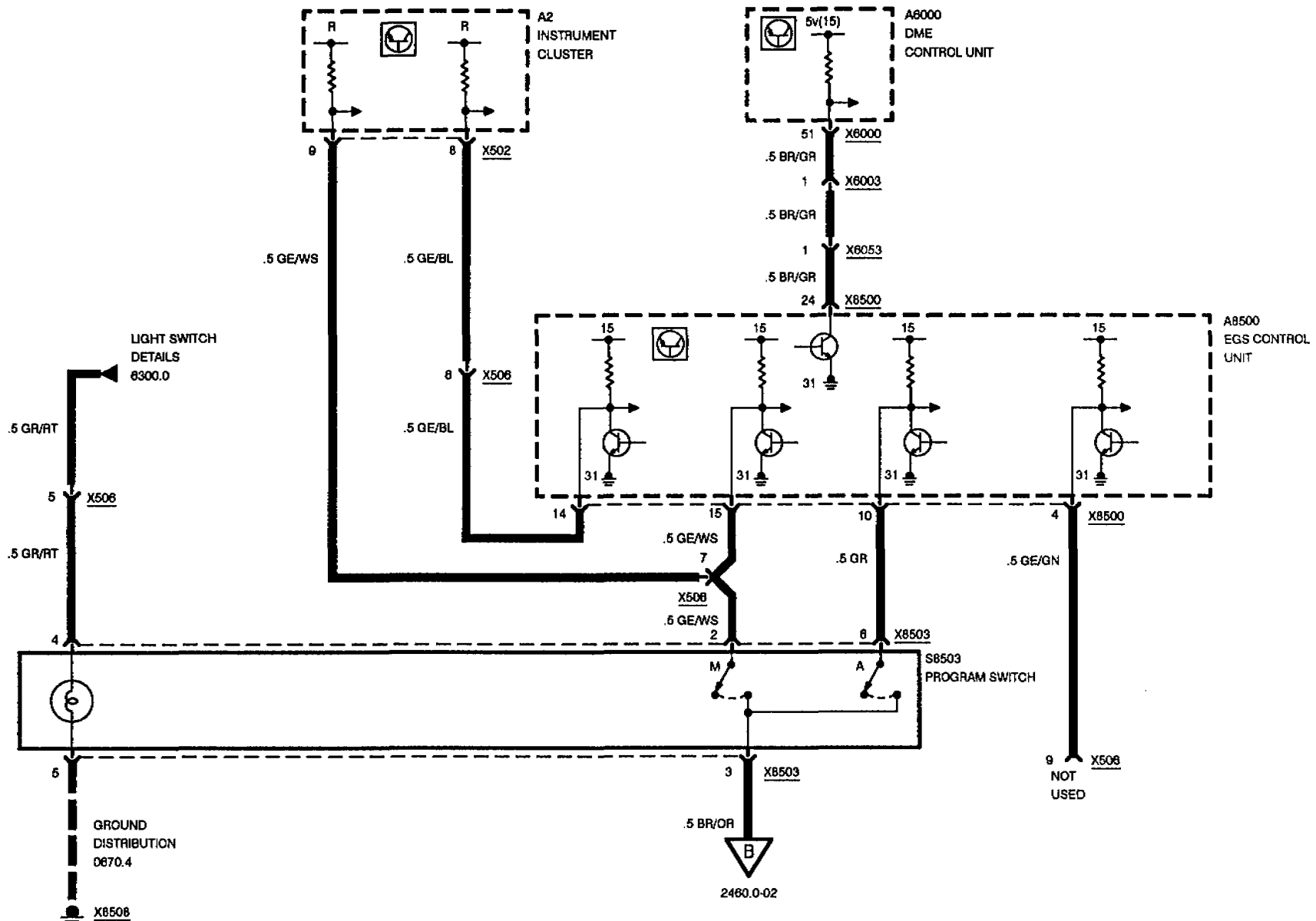
cardiagn.com

ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22)



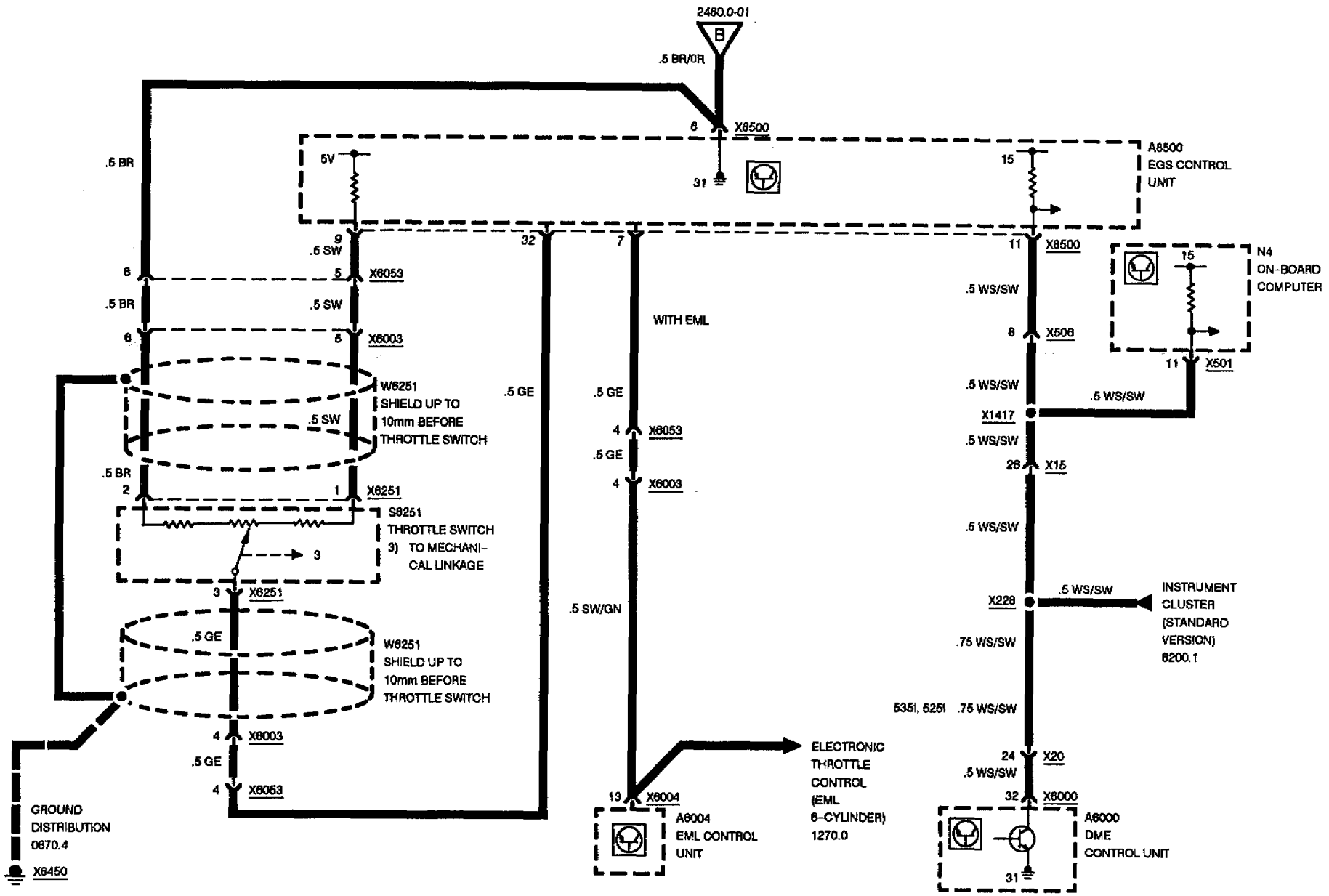
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ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22)



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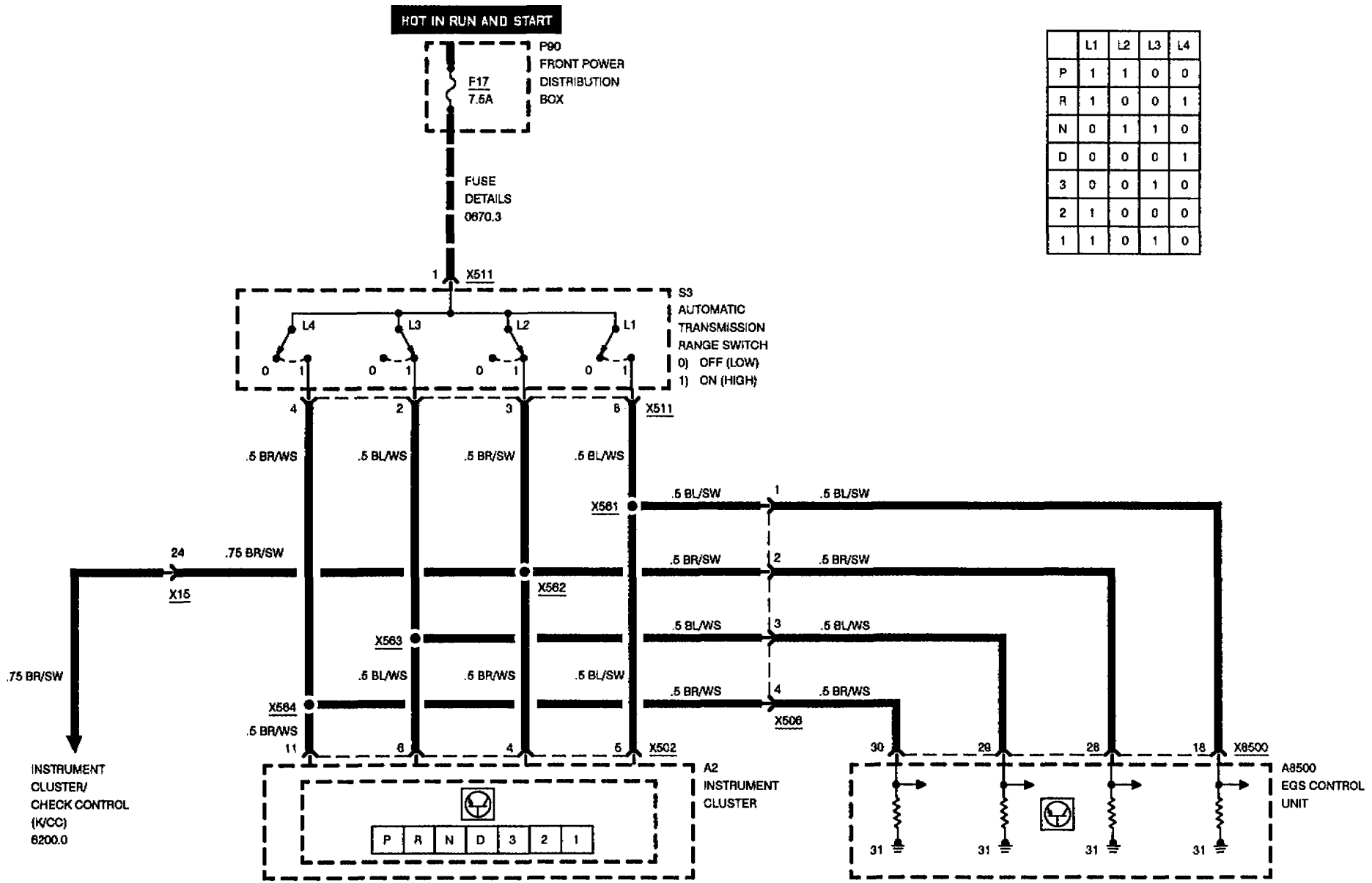
ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22)



cardiagn.com

ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22)

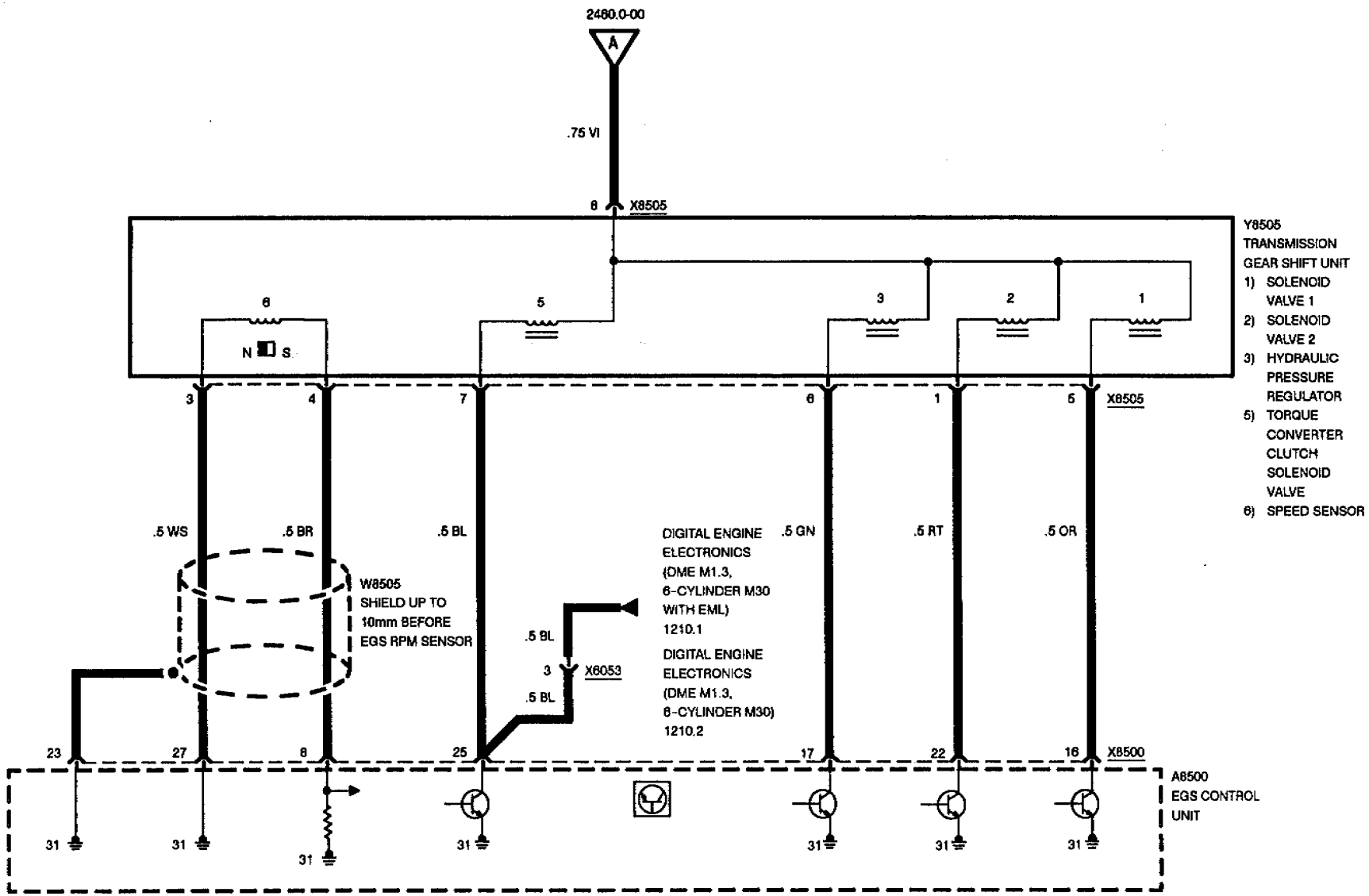
cardiagn.com



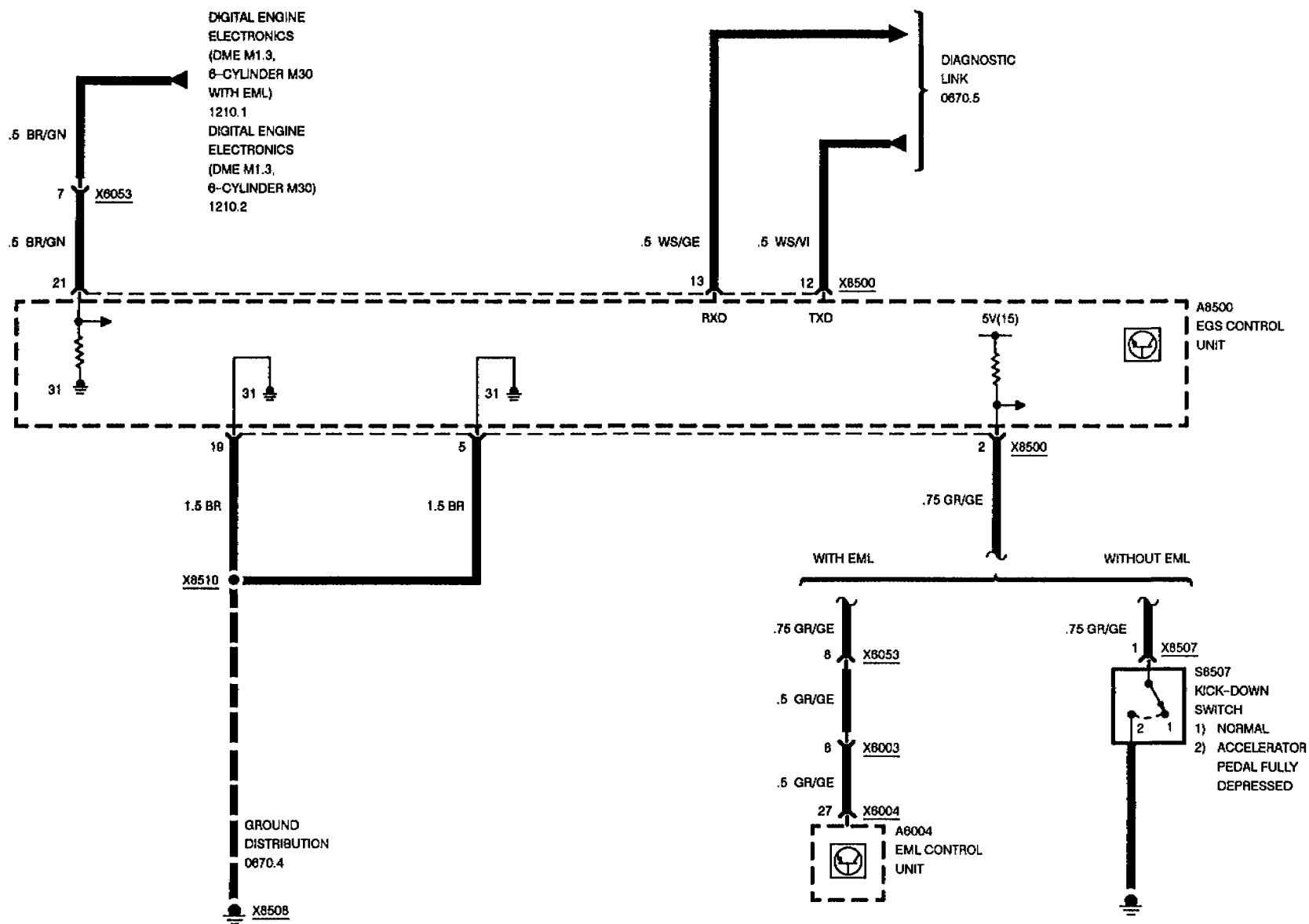
	L1	L2	L3	L4
P	1	1	0	0
R	1	0	0	1
N	0	1	1	0
D	0	0	0	1
3	0	0	1	0
2	1	0	0	0
1	1	0	1	0

ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22)

cardiagn.com



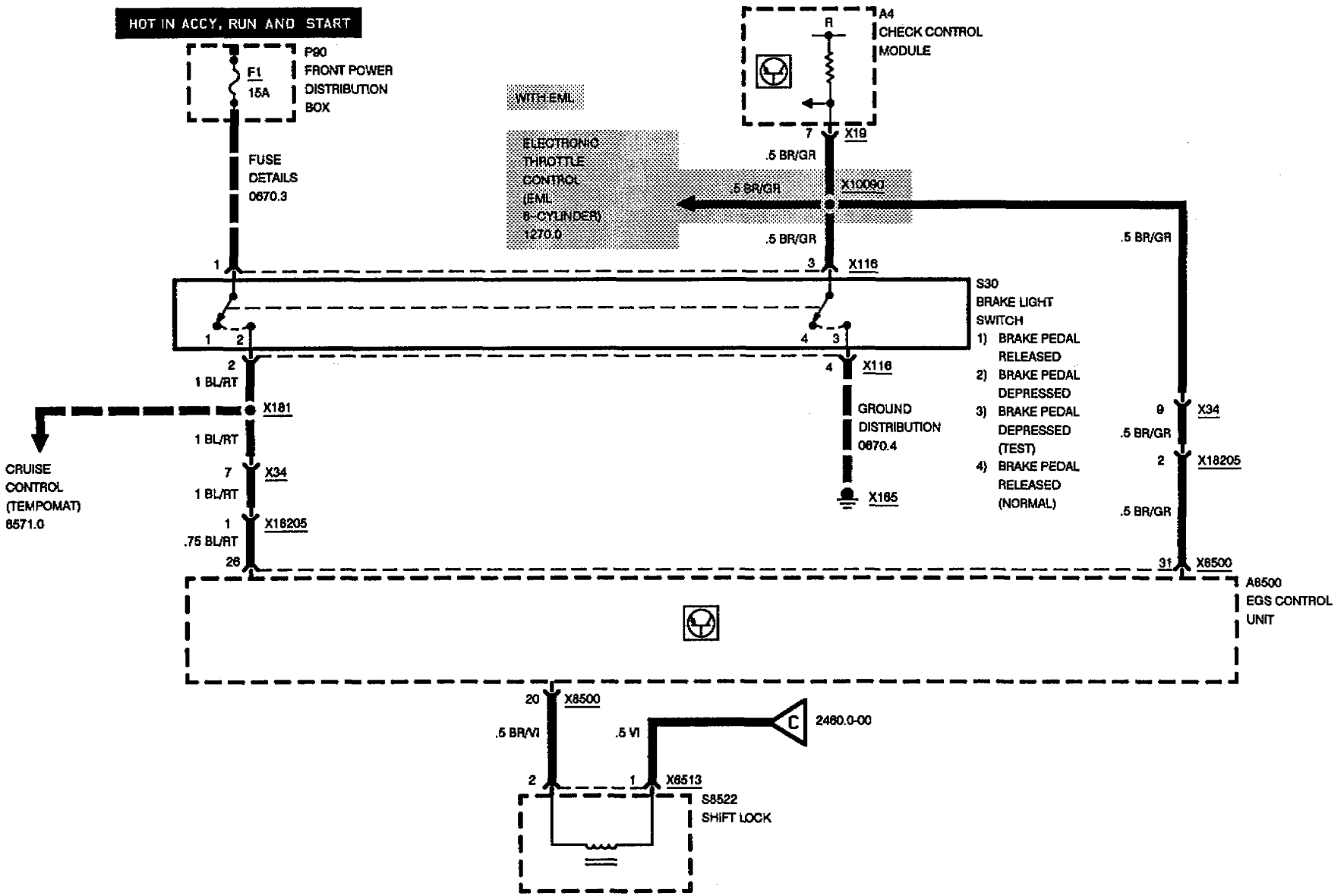
ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22)



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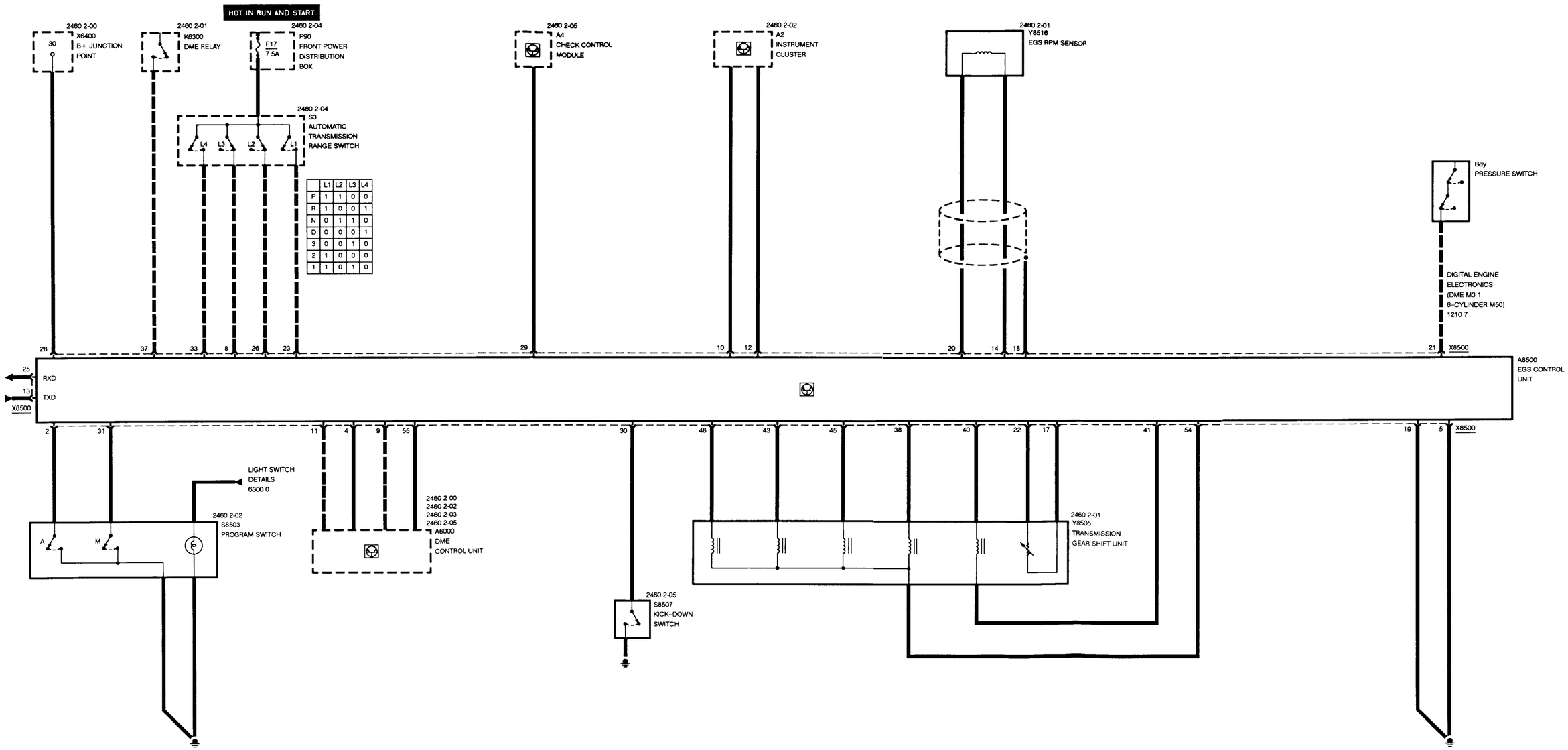
ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22/24)

SHIFT LOCK



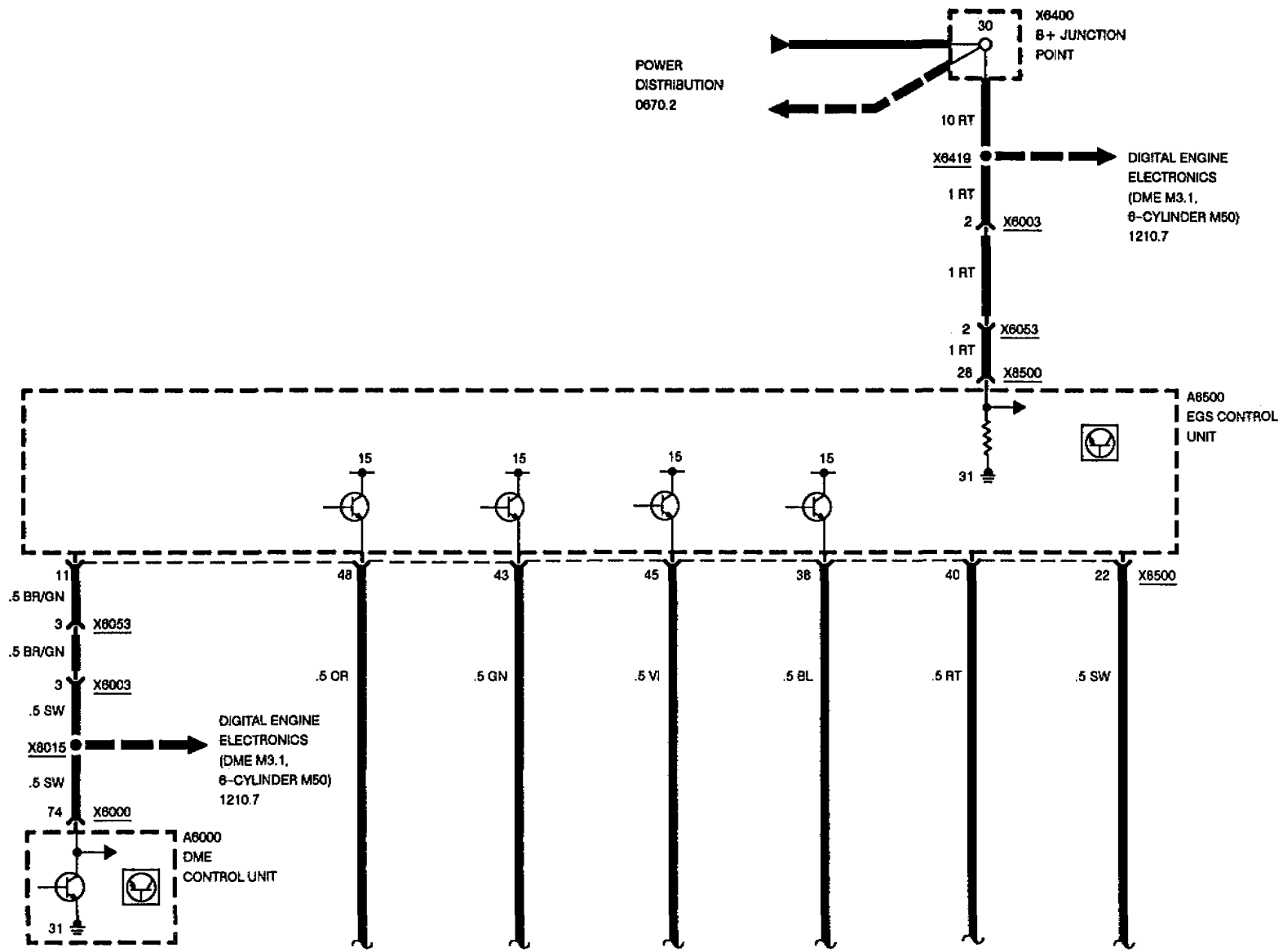
cardiagn.com

02/92 — 2460 2 — 1991
02/92 — 2460 2 — 1991

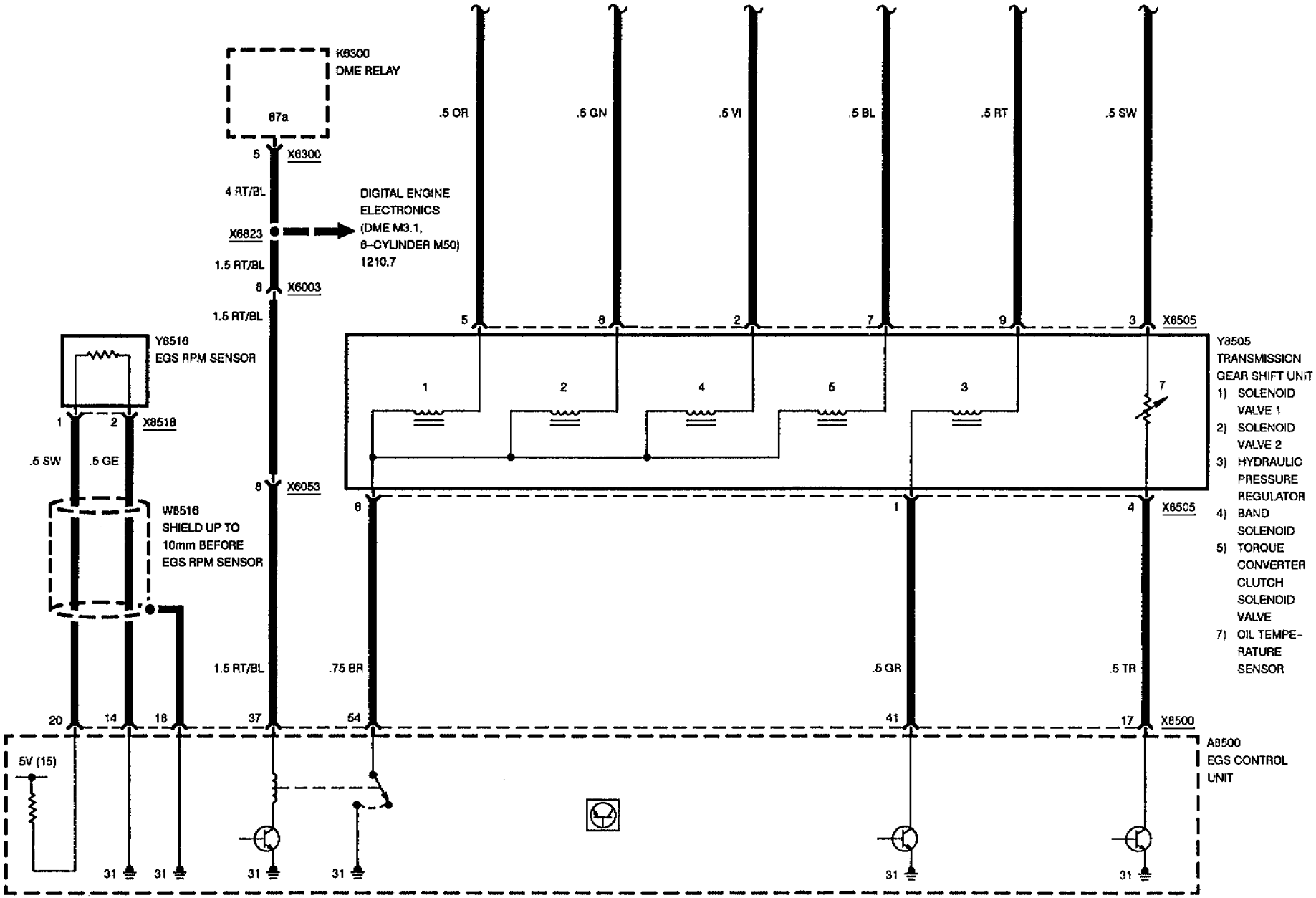


cardiagn.com

ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

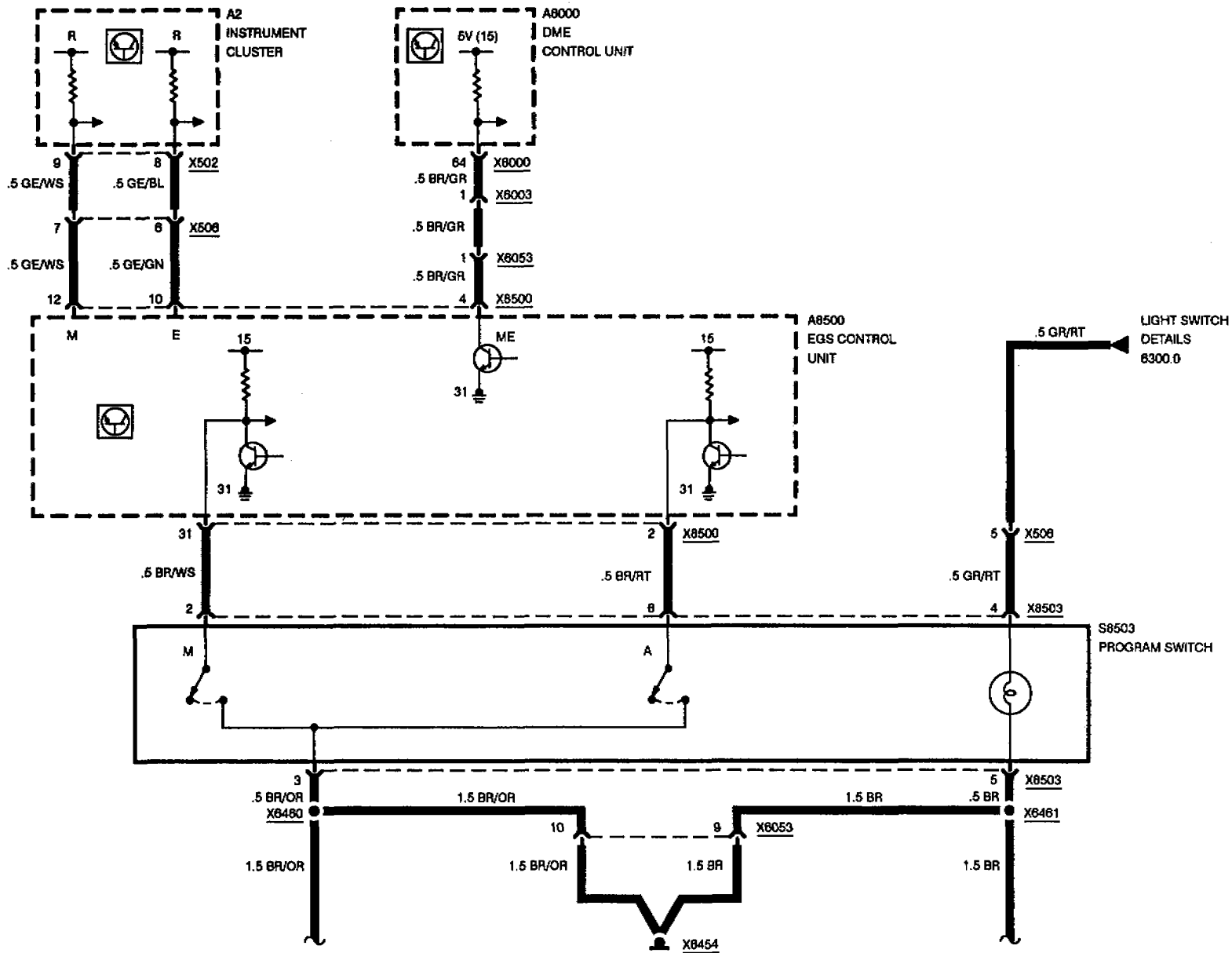


carDiagn.com

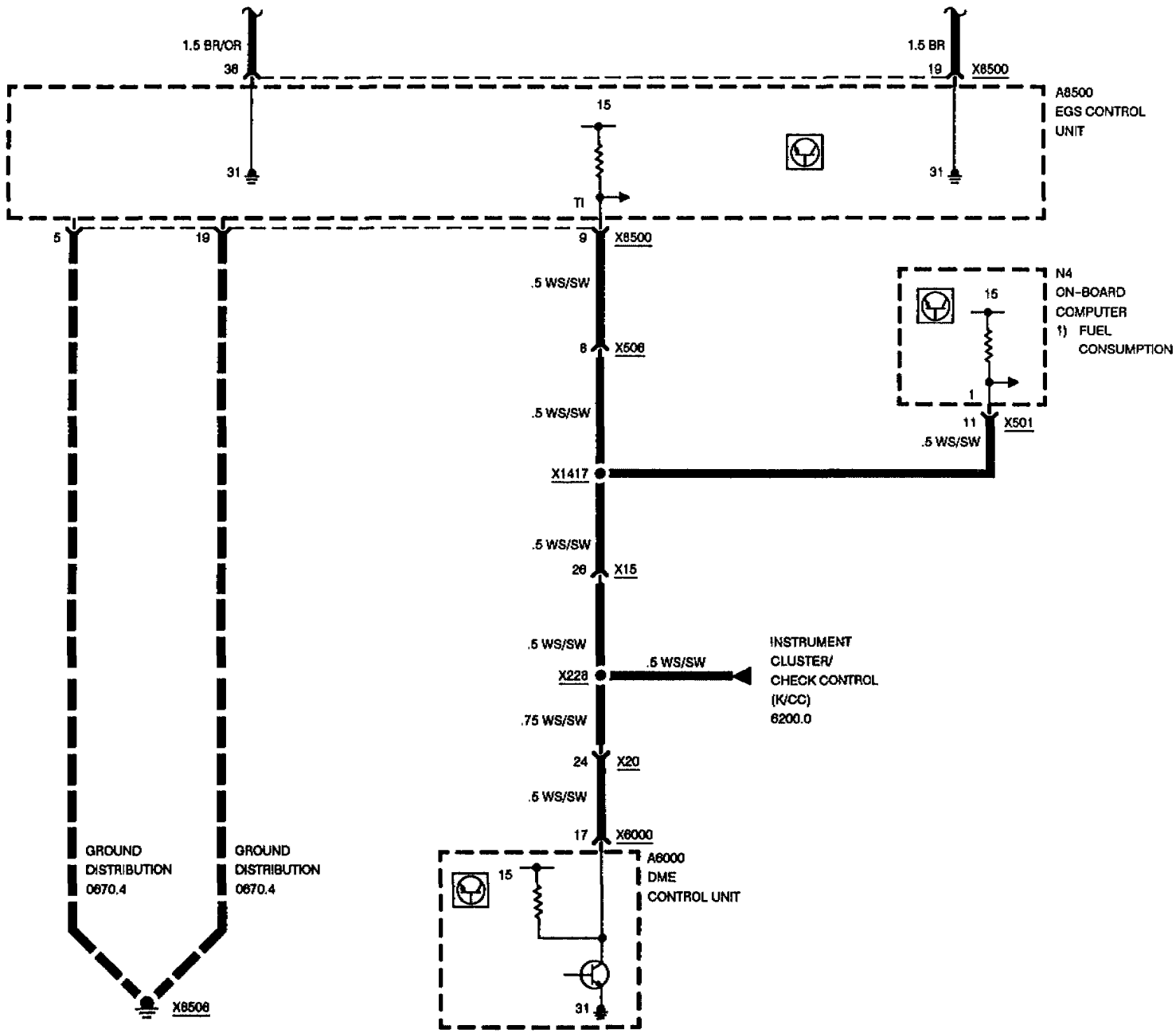


cardiagn.com

ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

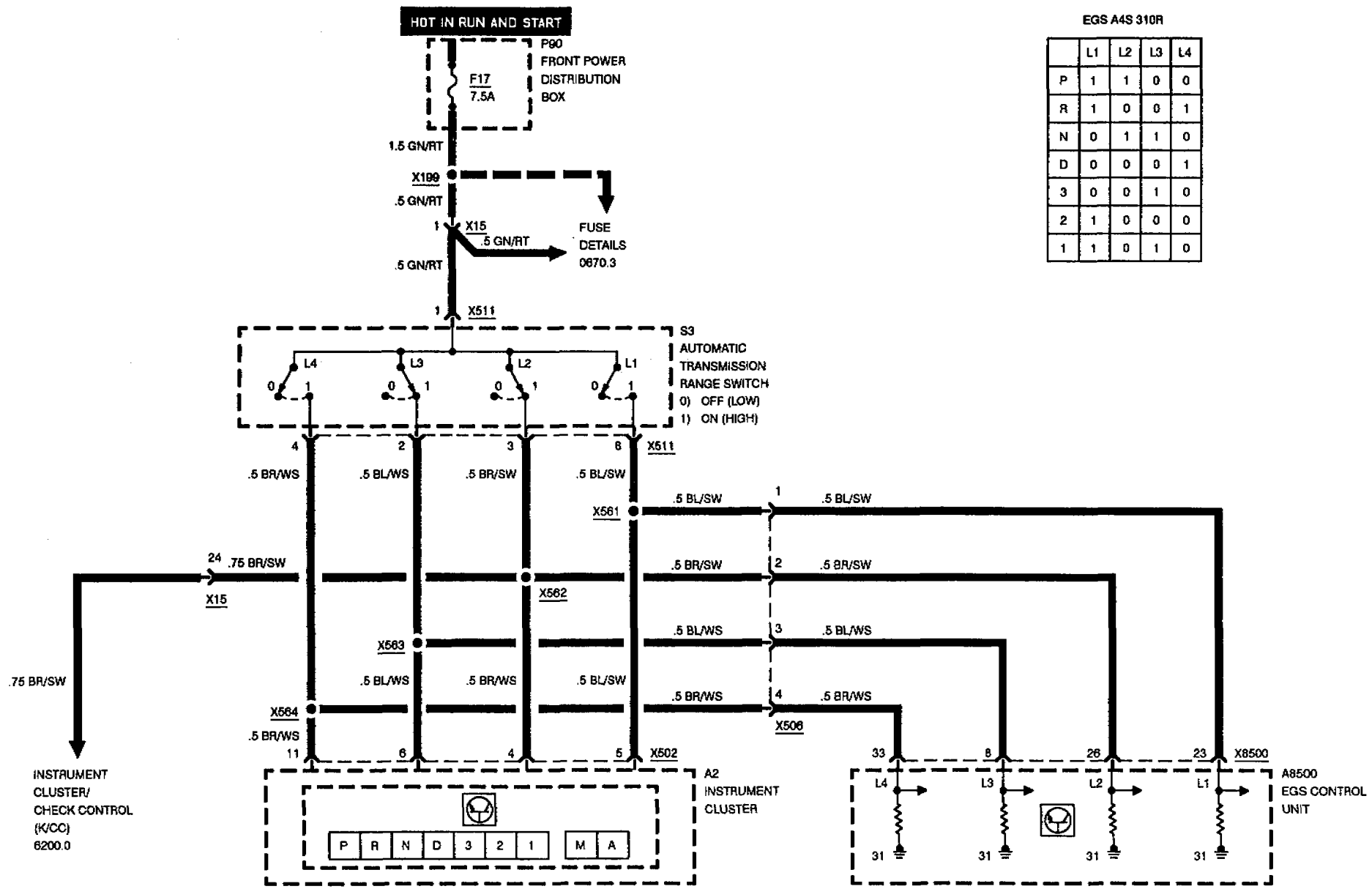


cardiagn.com



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ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

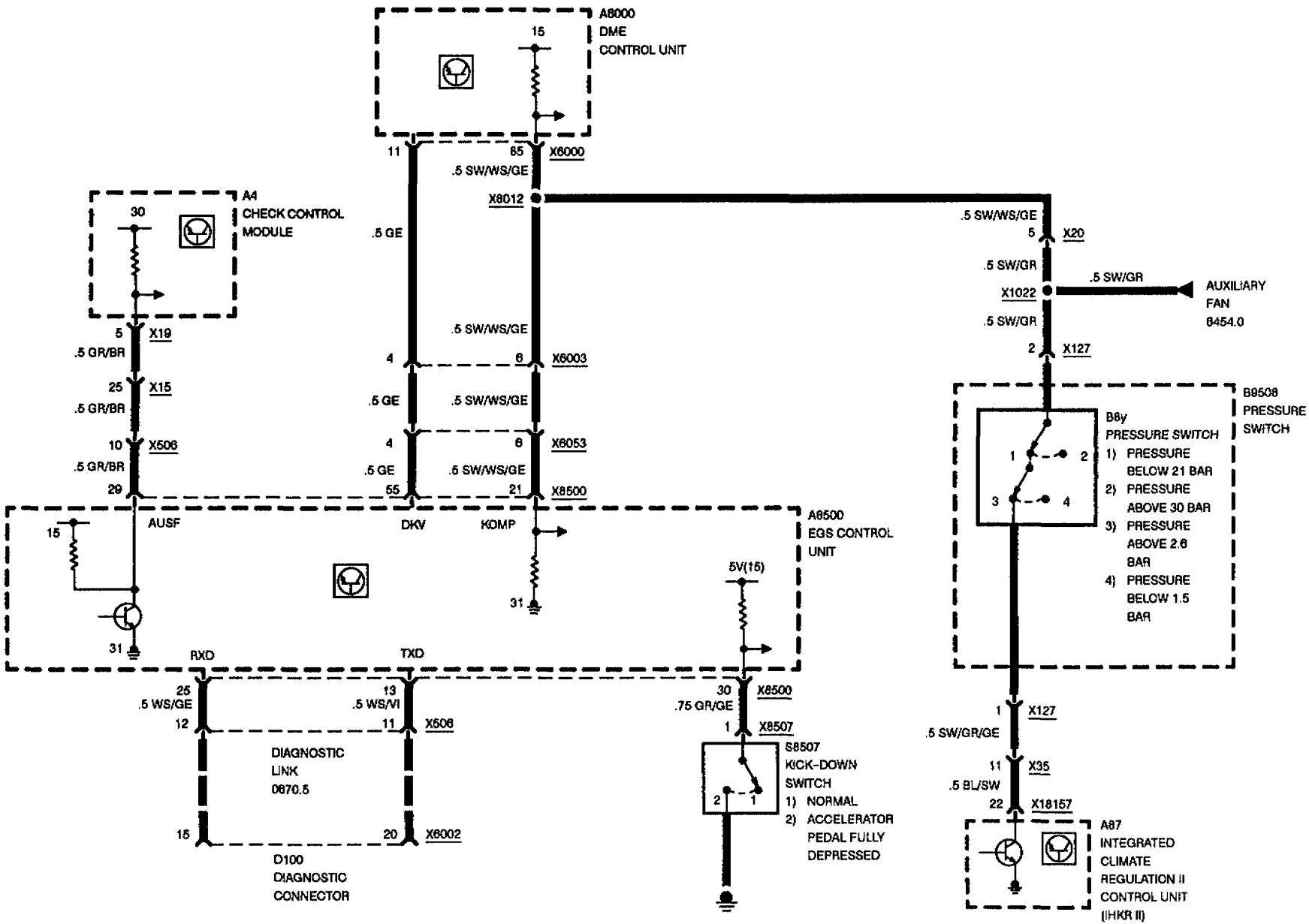


EGS A4S 310R

	L1	L2	L3	L4
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

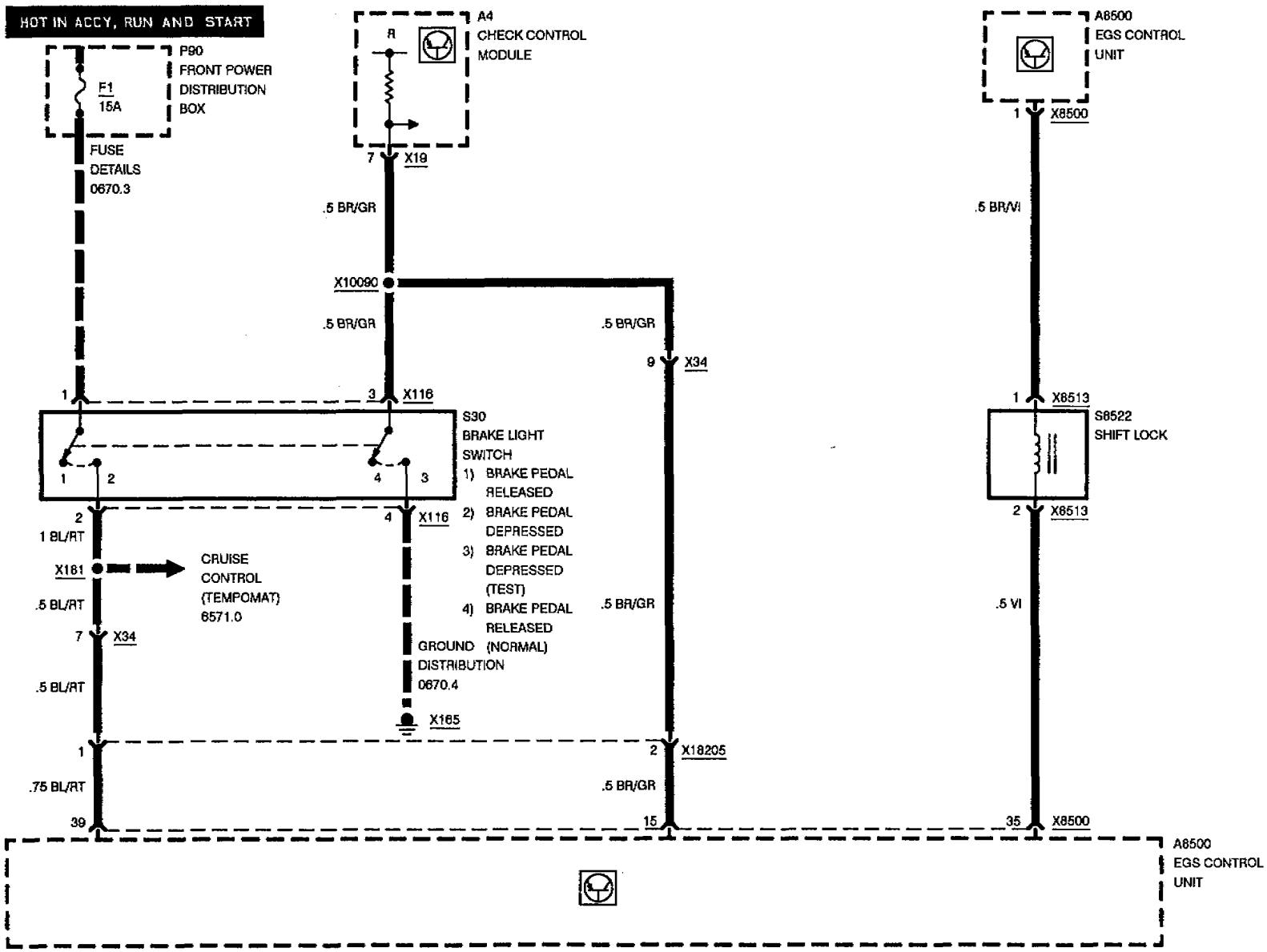
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ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)



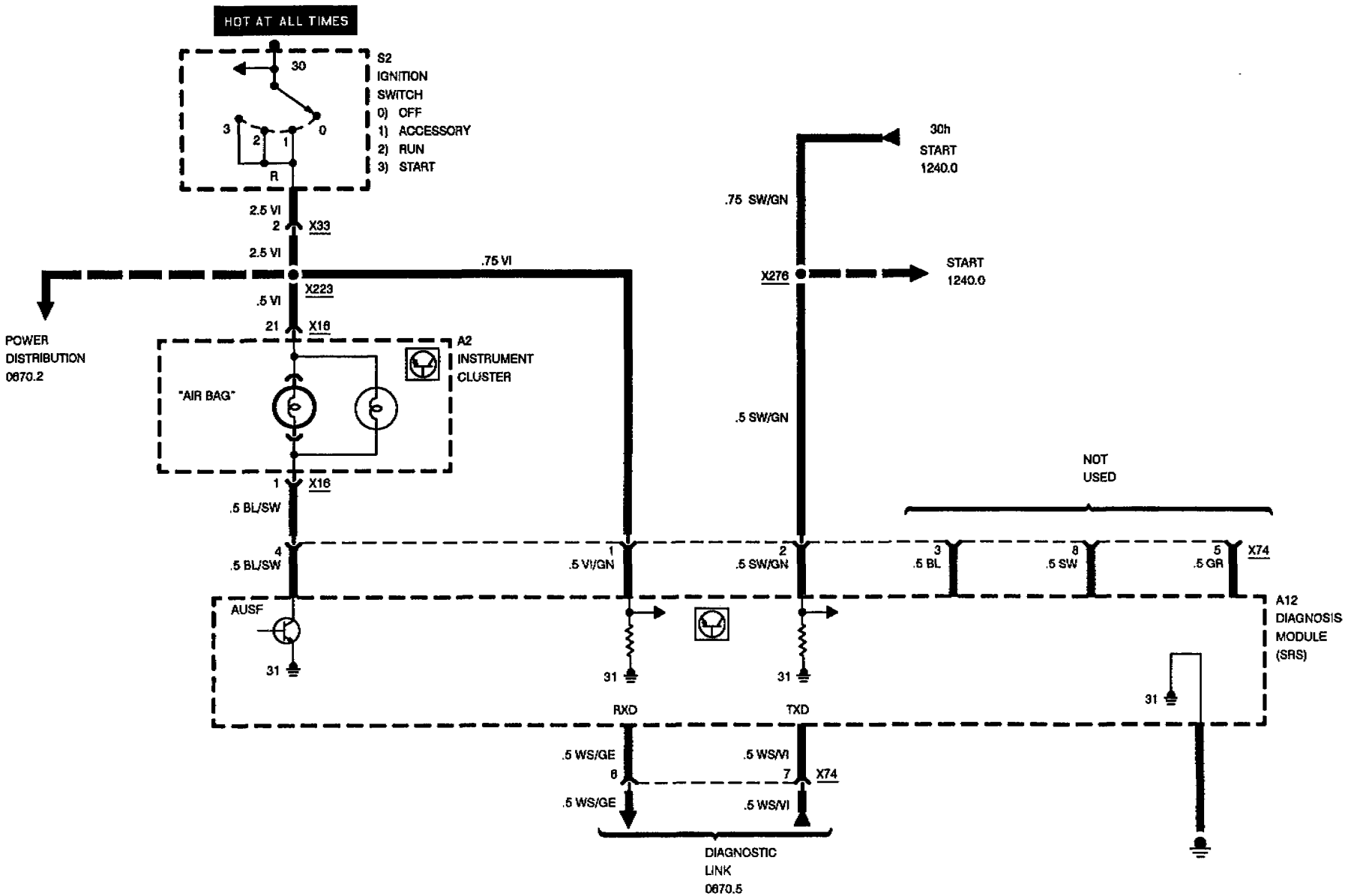
cardiagn.com

ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)



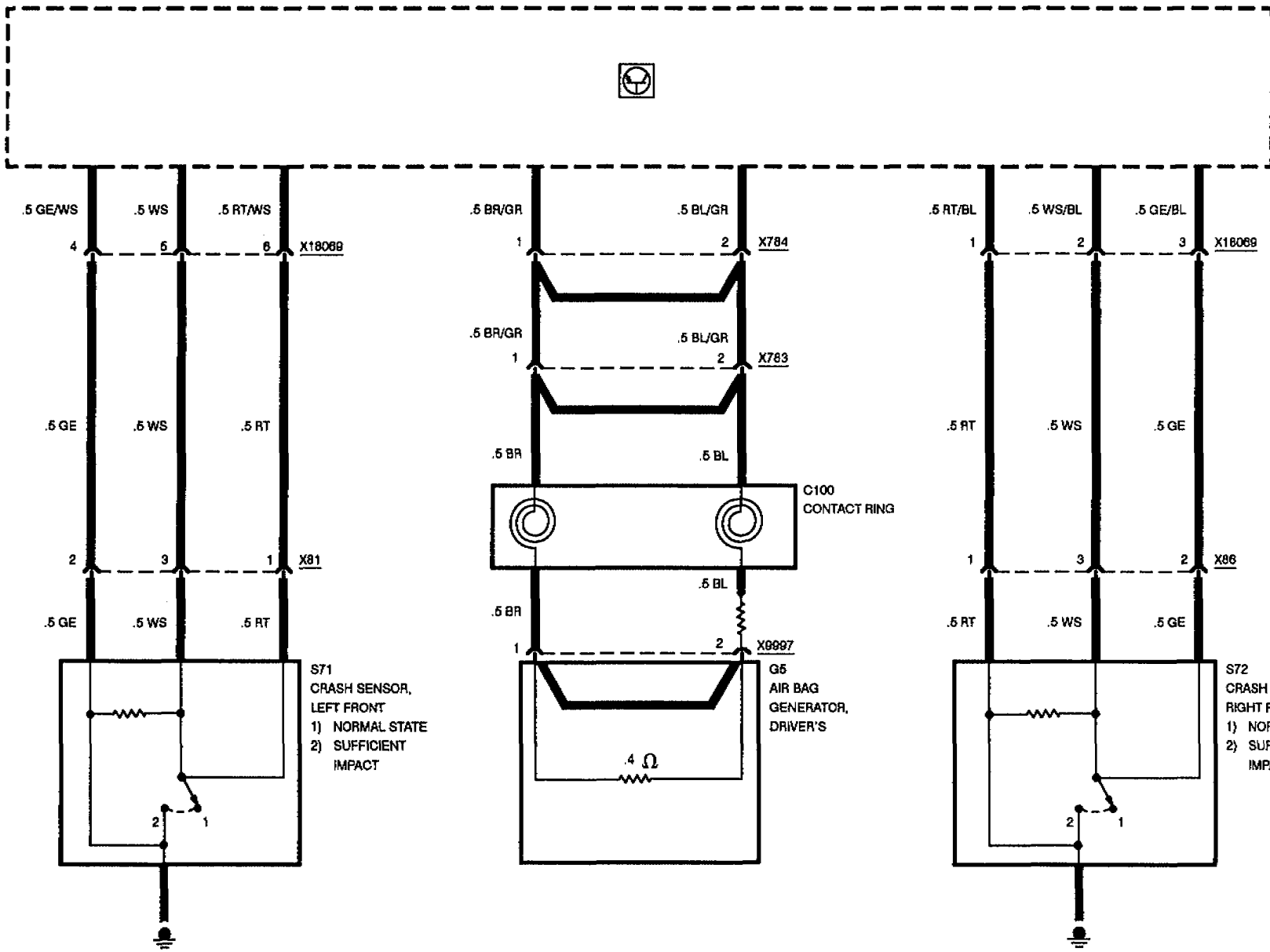
carlagn.com

SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)



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SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)



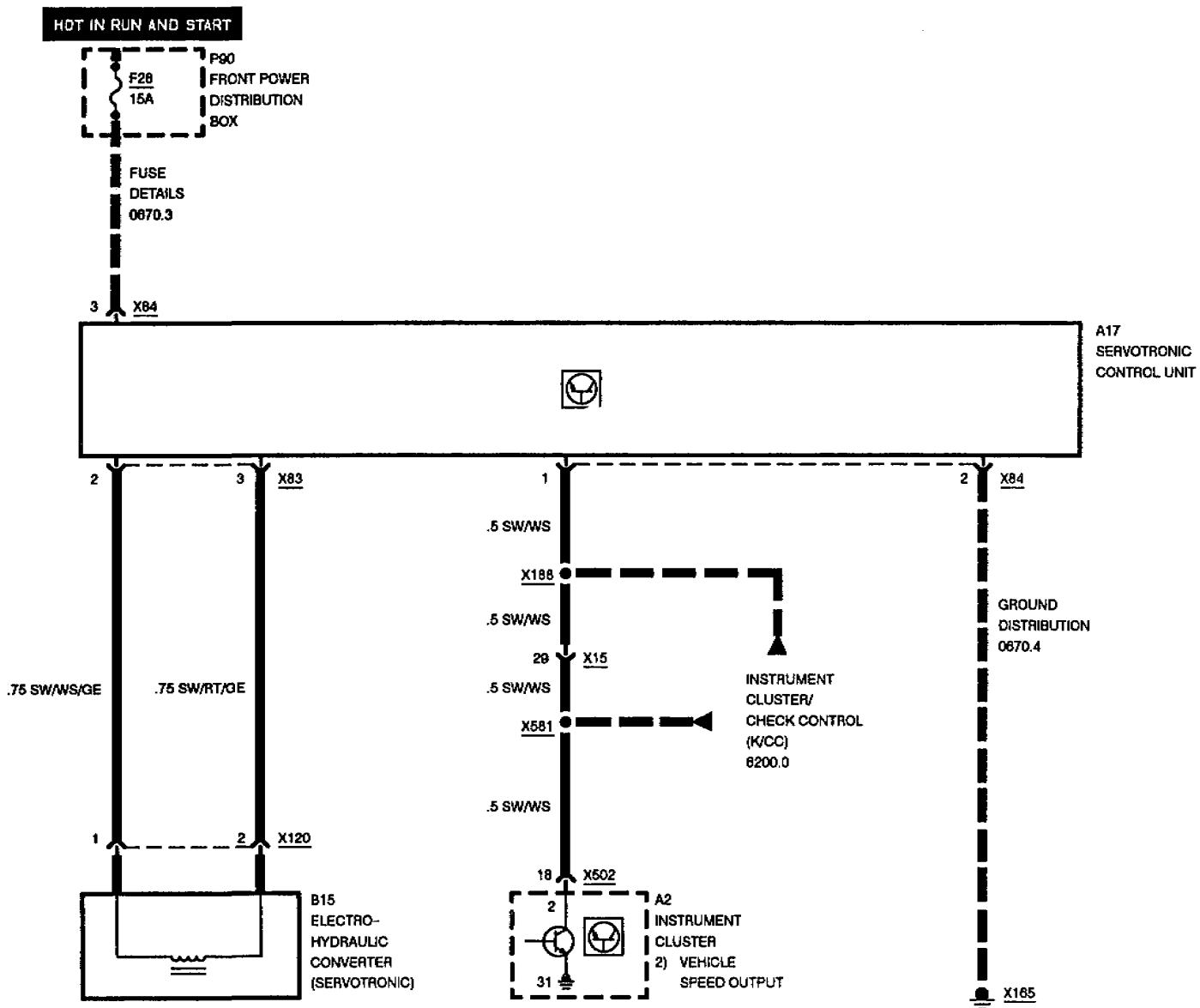
★ THE DRIVER'S AIRBAG GENERATOR IS FITTED WITH SHORTING BRIDGES

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

ONLY SPECIAL TOOLS 61 1260 AND 62 1260 (TEST LEADS) MAY BE USED TO CHECK THE WIRE LOOP AND IGNITER RESISTANCE.

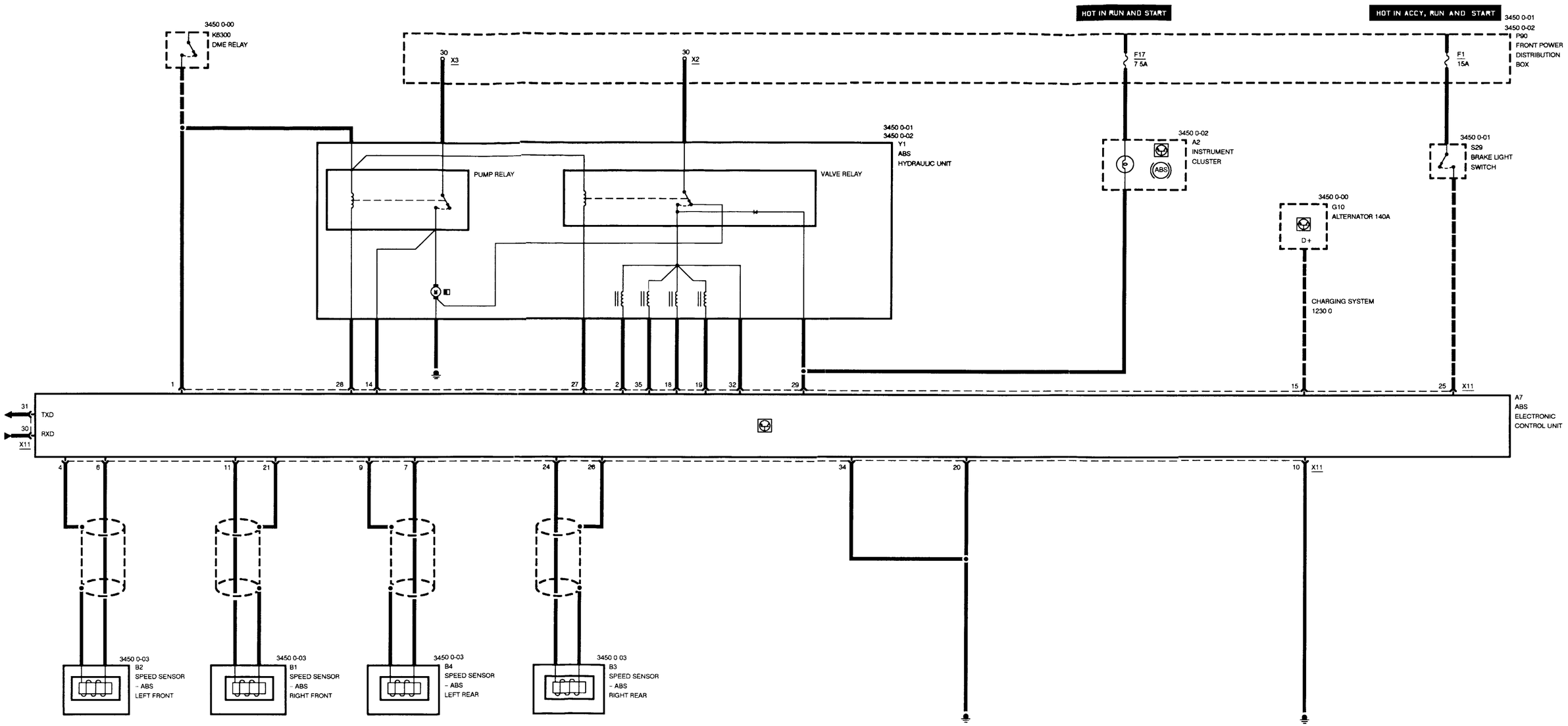
cardiagn.com

POWER ASSIST STEERING (SERVOTRONIC)



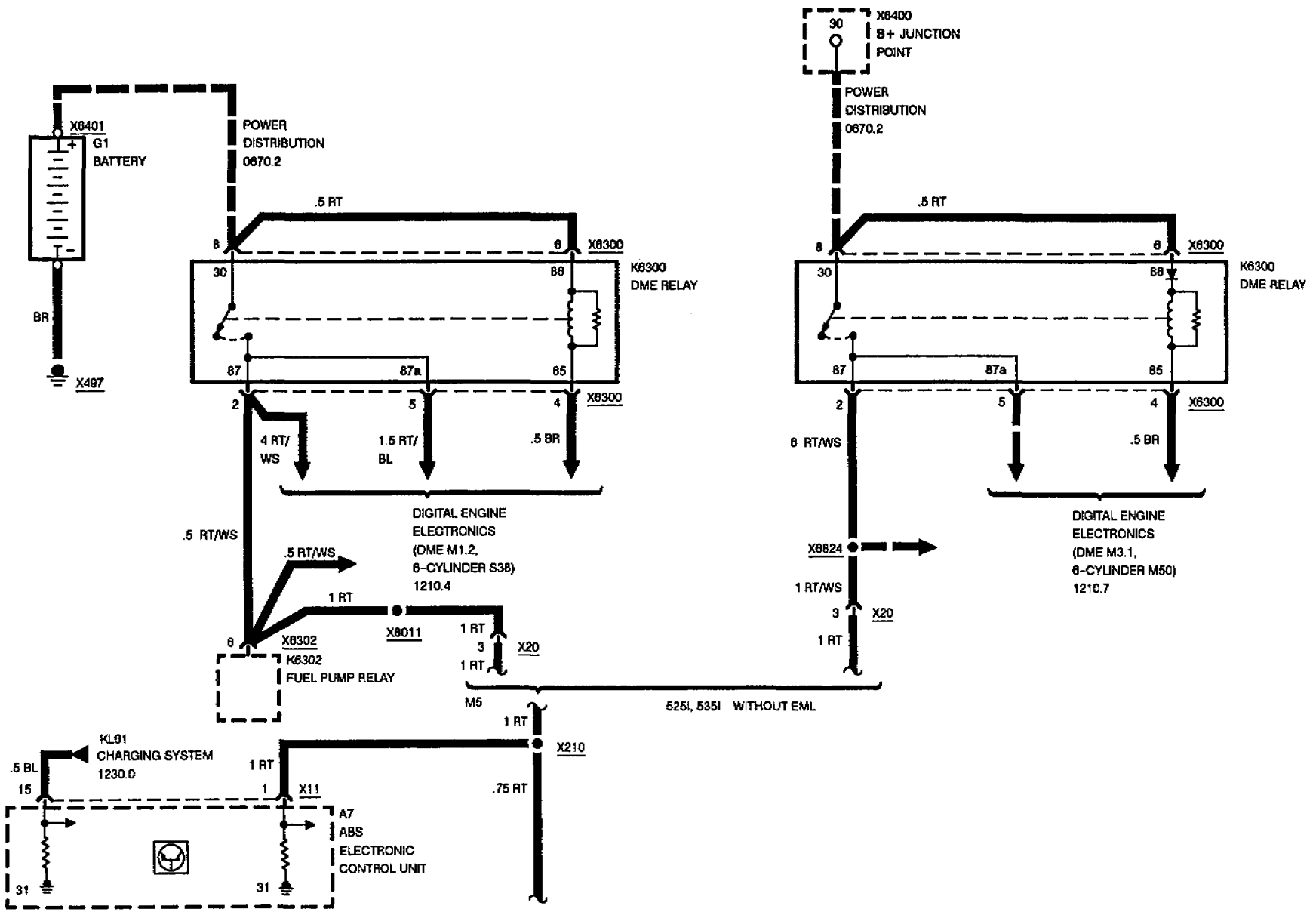
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02/92 — 3450.0 — 1991

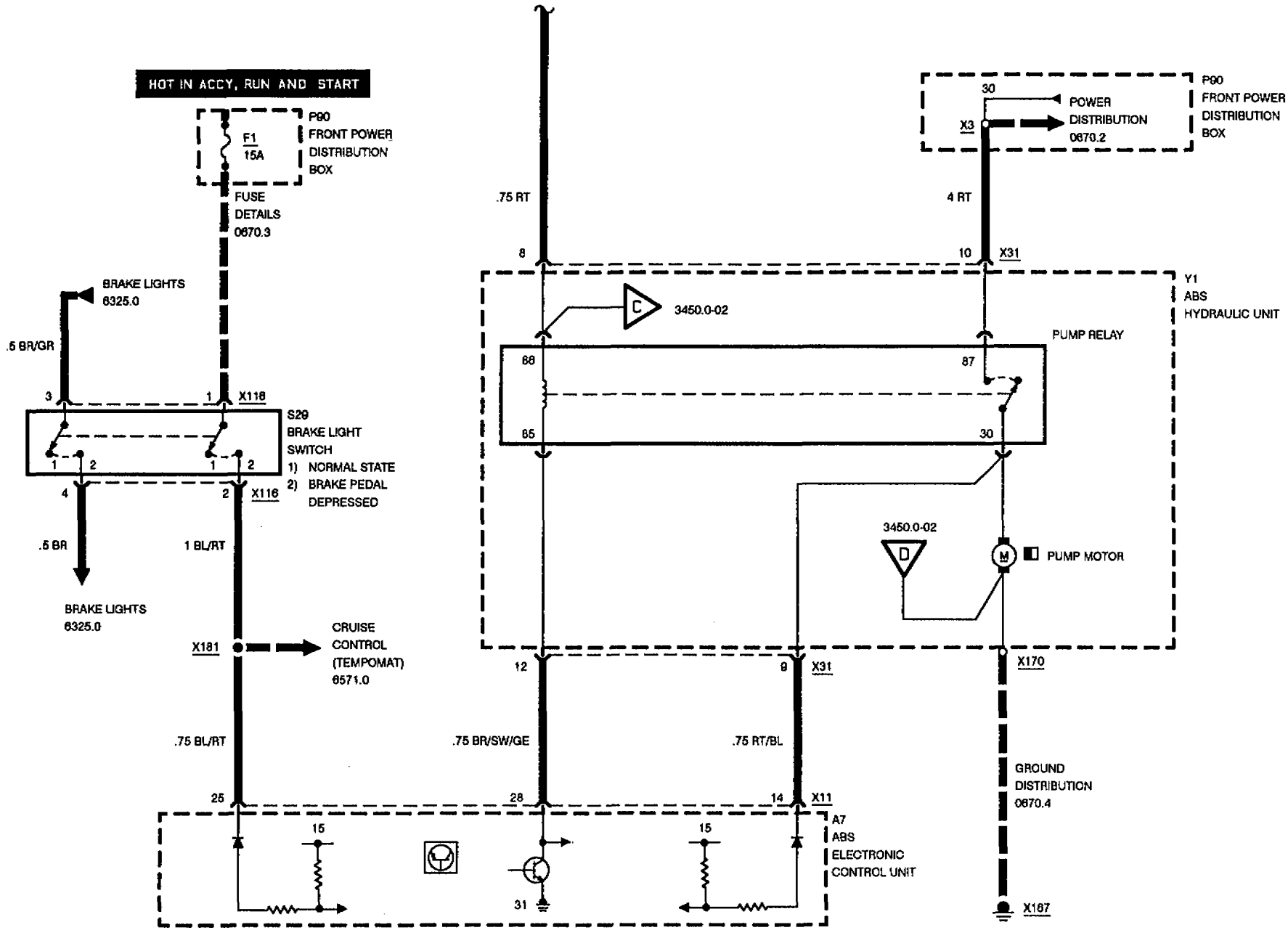


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ANTILOCK BRAKE SYSTEM (ABS)

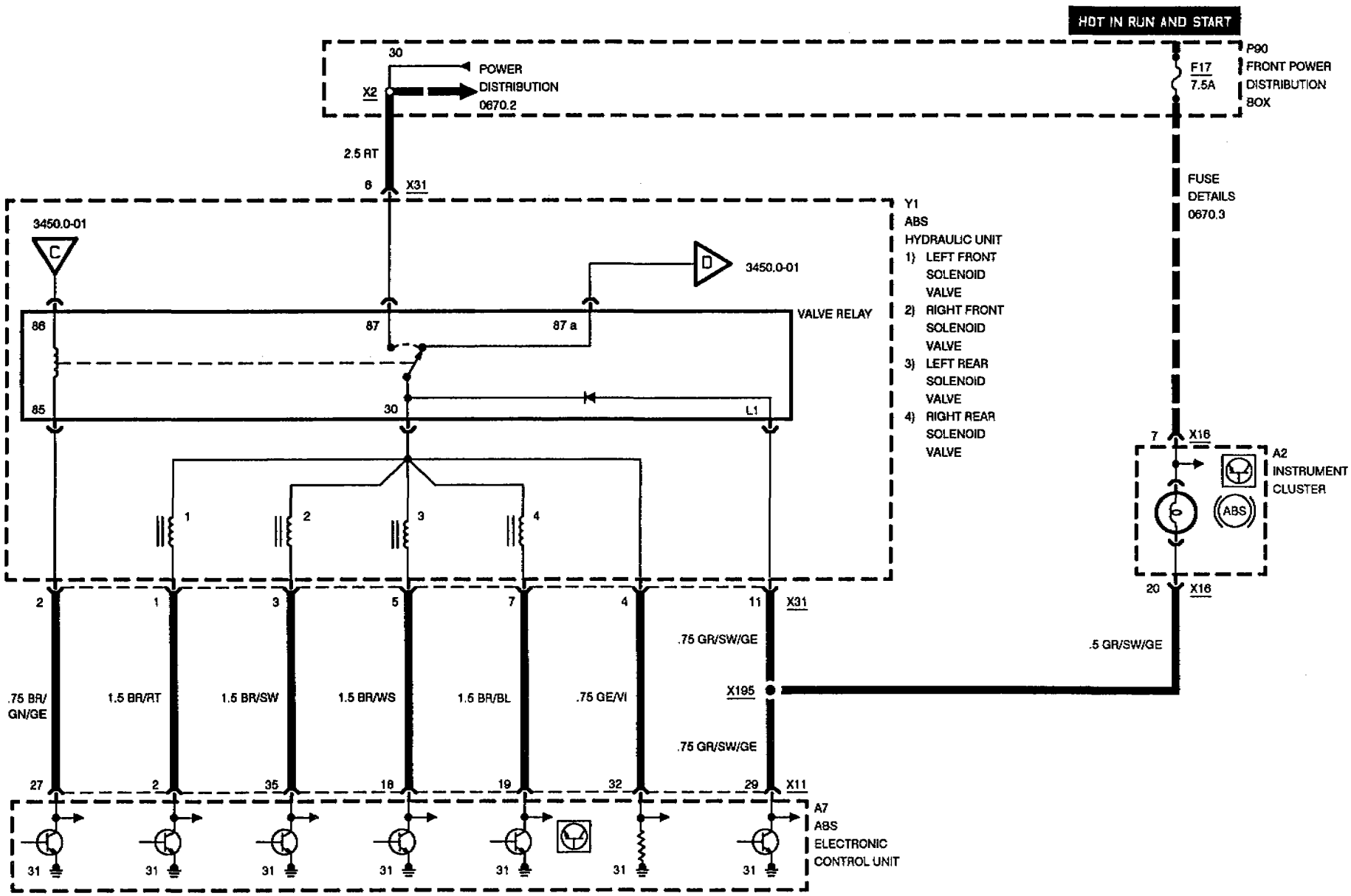


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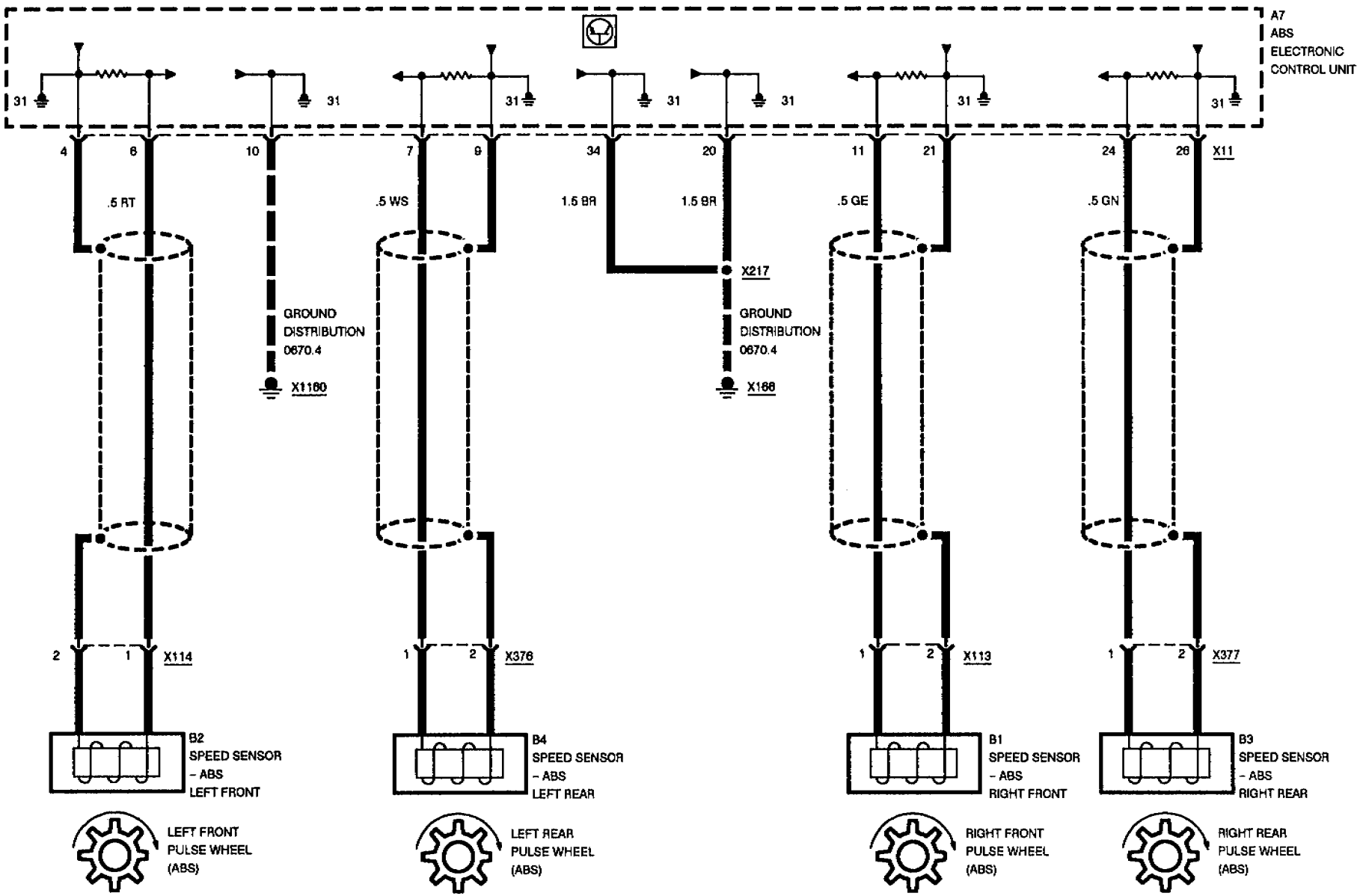
cardiagn.com

ANTILOCK BRAKE SYSTEM (ABS)

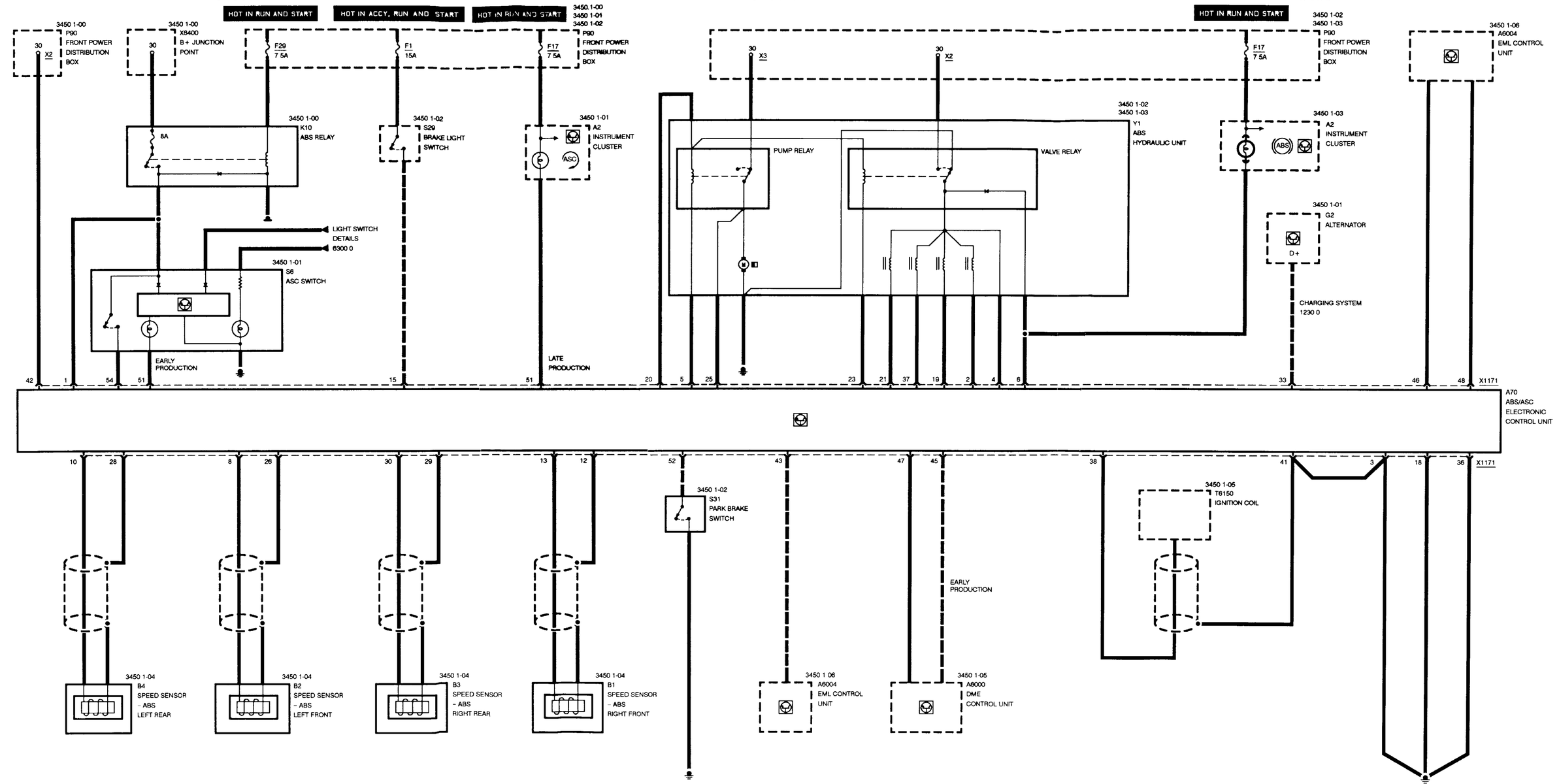


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ANTILOCK BRAKE SYSTEM (ABS)



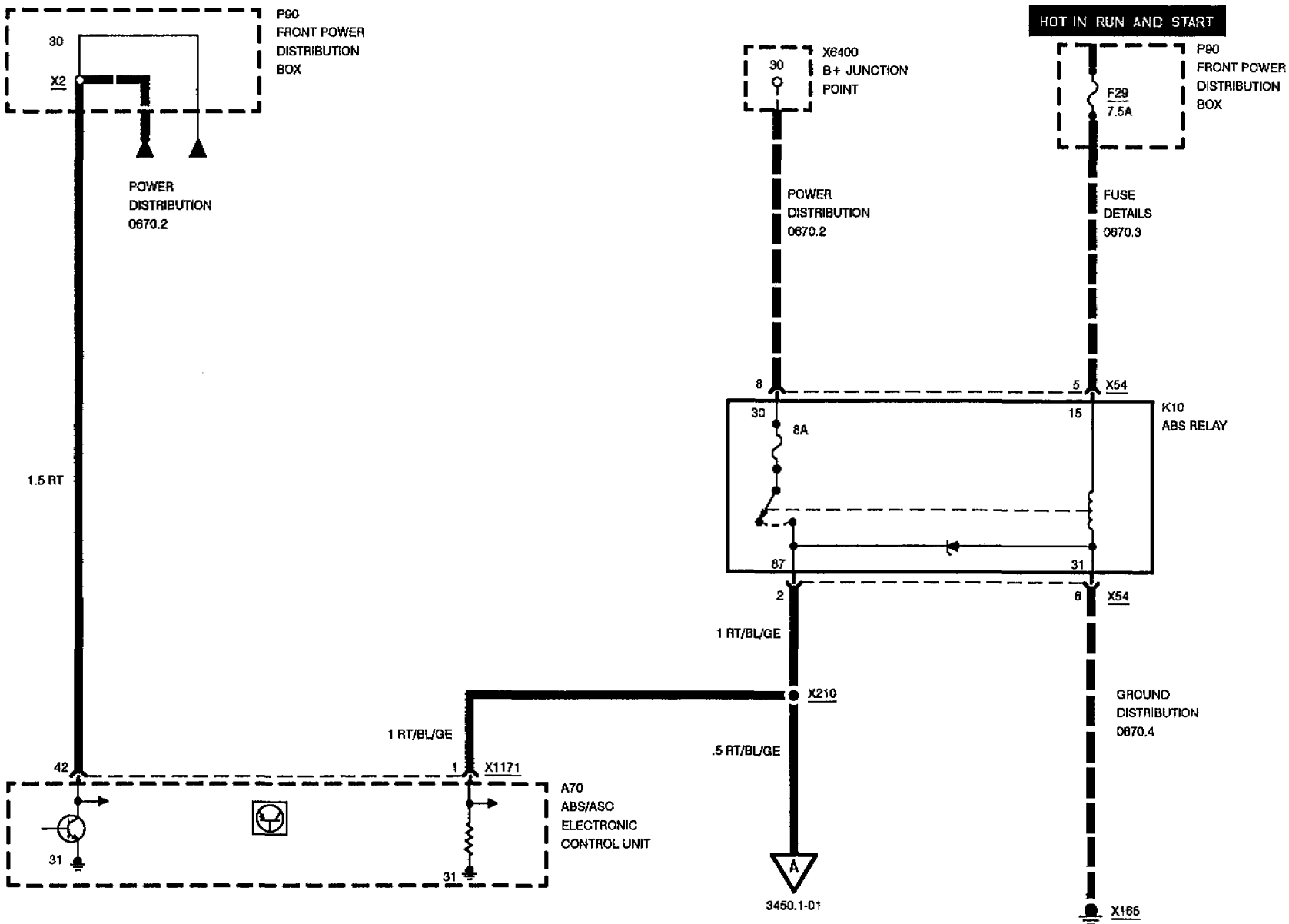
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02/92 — 3450 1 — 1991

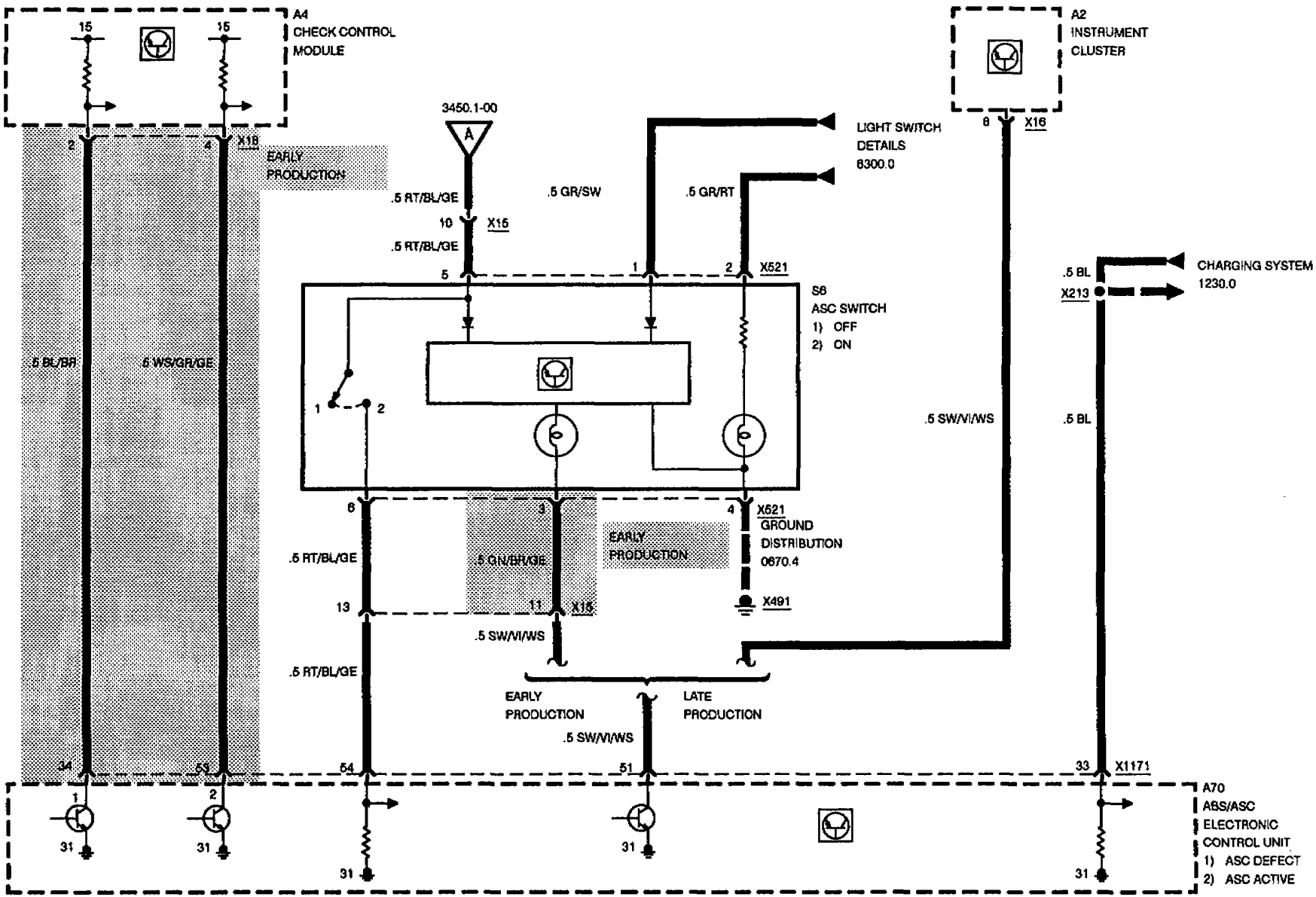
cardiagn.com

AUTOMATIC STABILITY CONTROL (ASC)



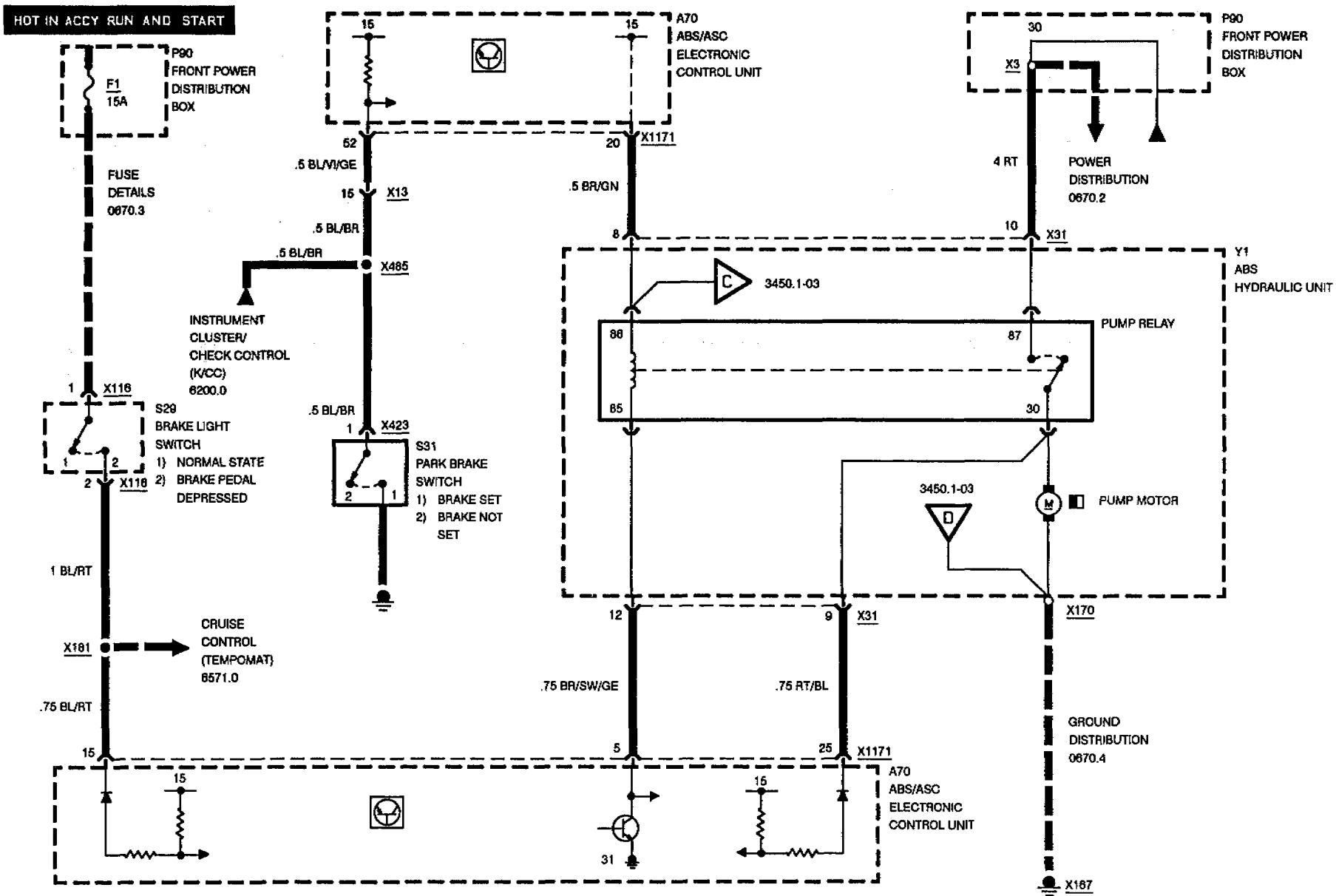
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AUTOMATIC STABILITY CONTROL (ASC)



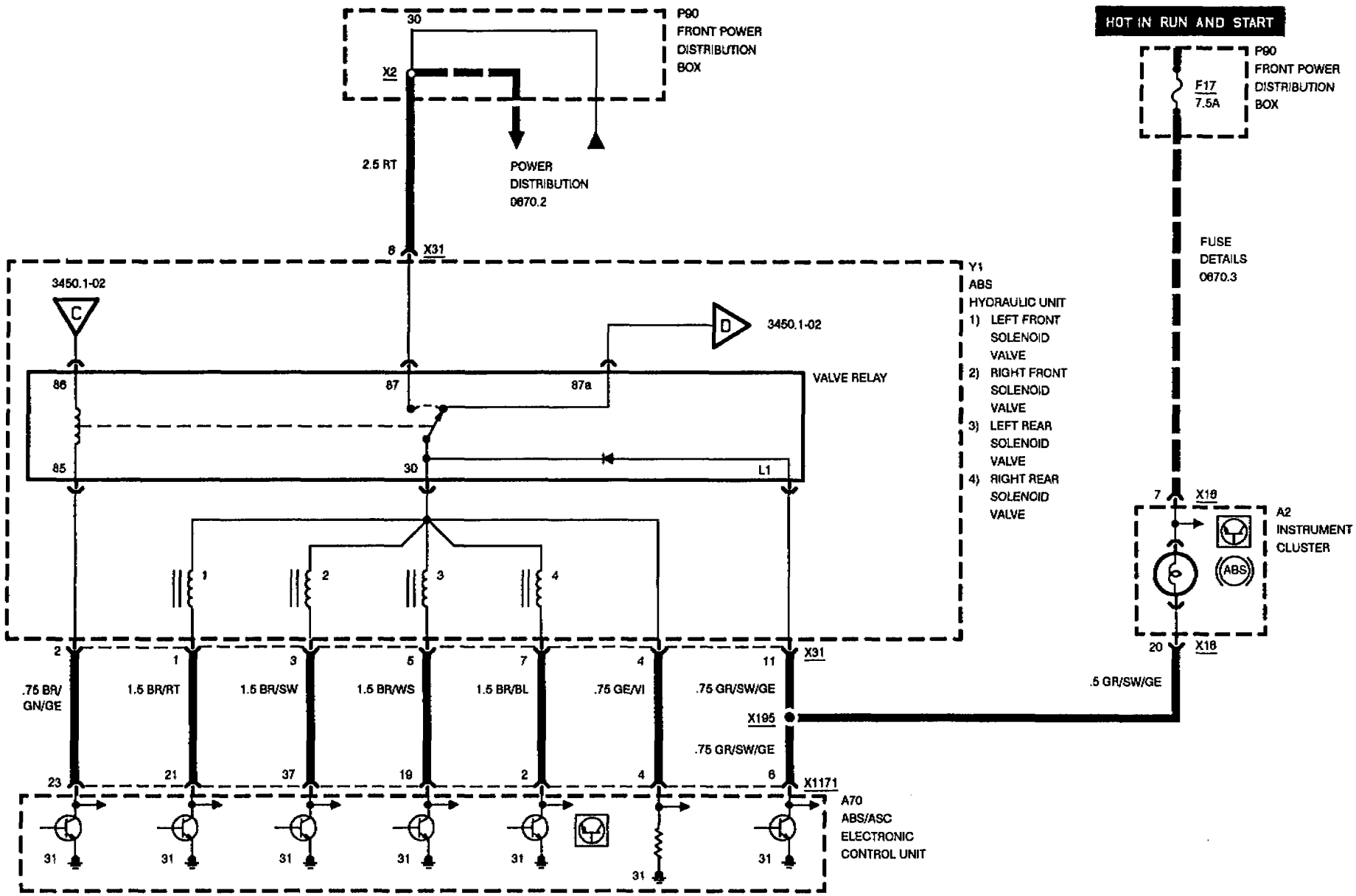
cardiagn.com

AUTOMATIC STABILITY CONTROL (ASC)



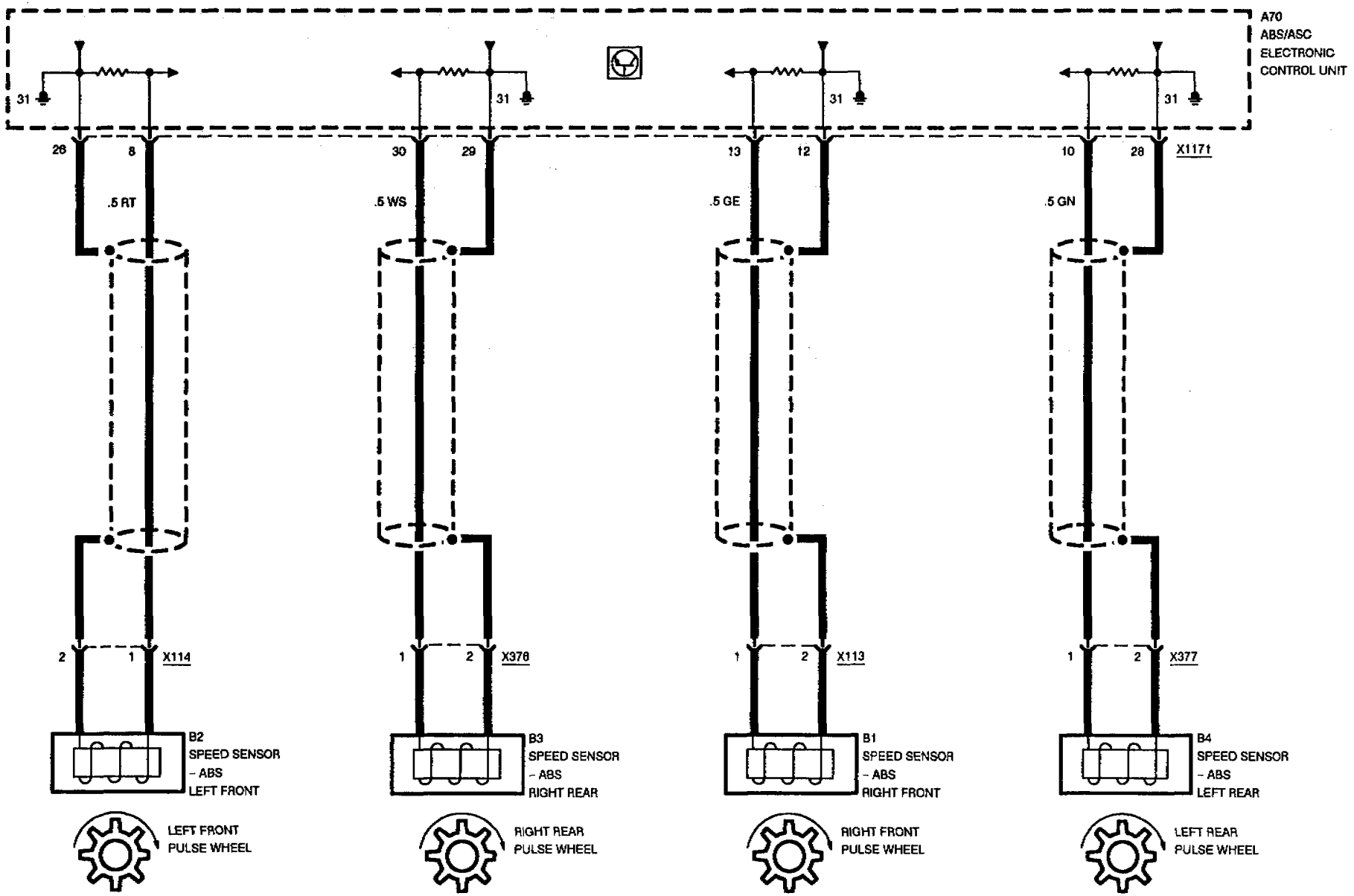
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AUTOMATIC STABILITY CONTROL (ASC)



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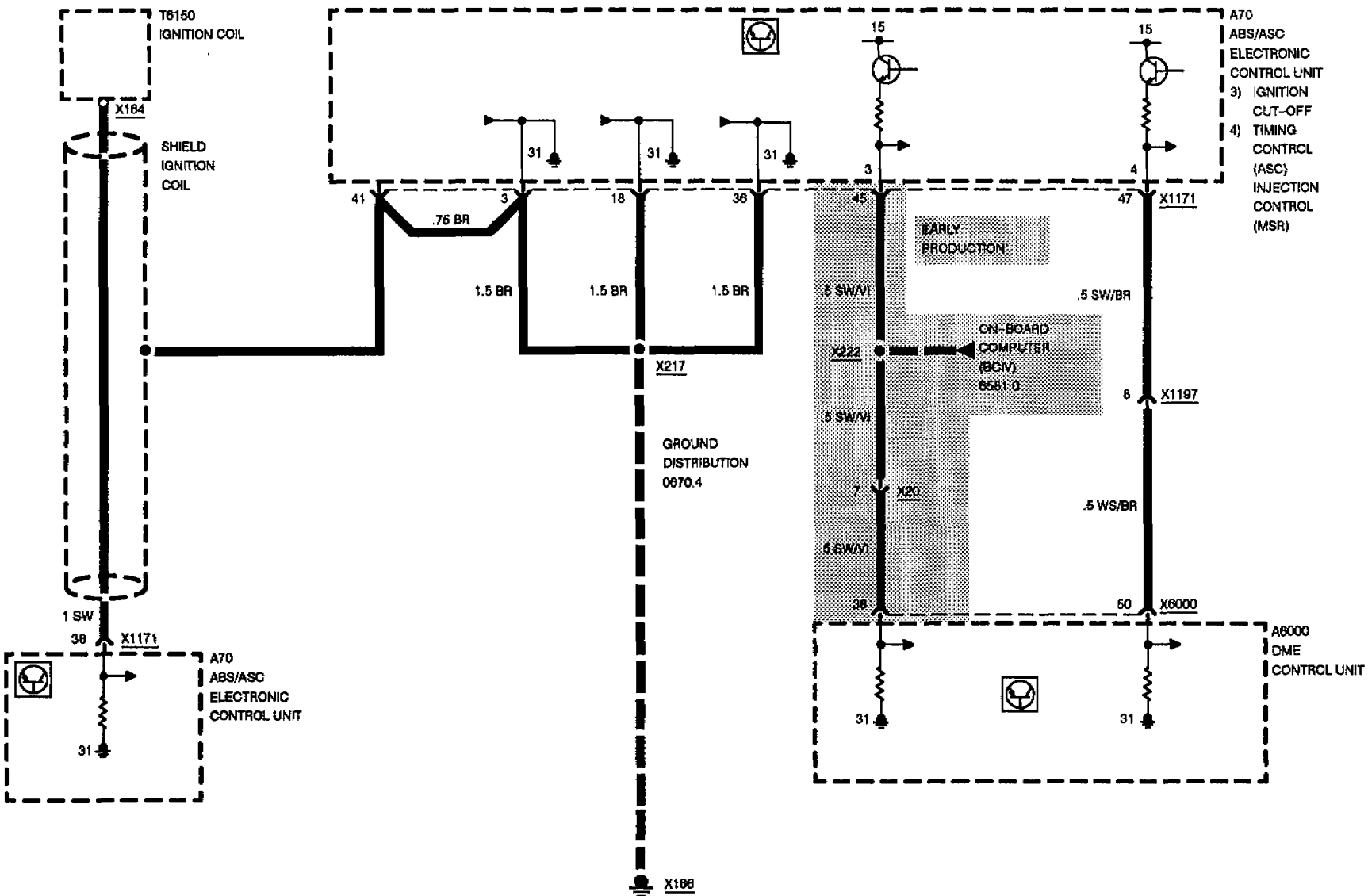
AUTOMATIC STABILITY CONTROL (ASC)



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AUTOMATIC STABILITY CONTROL (ASC)

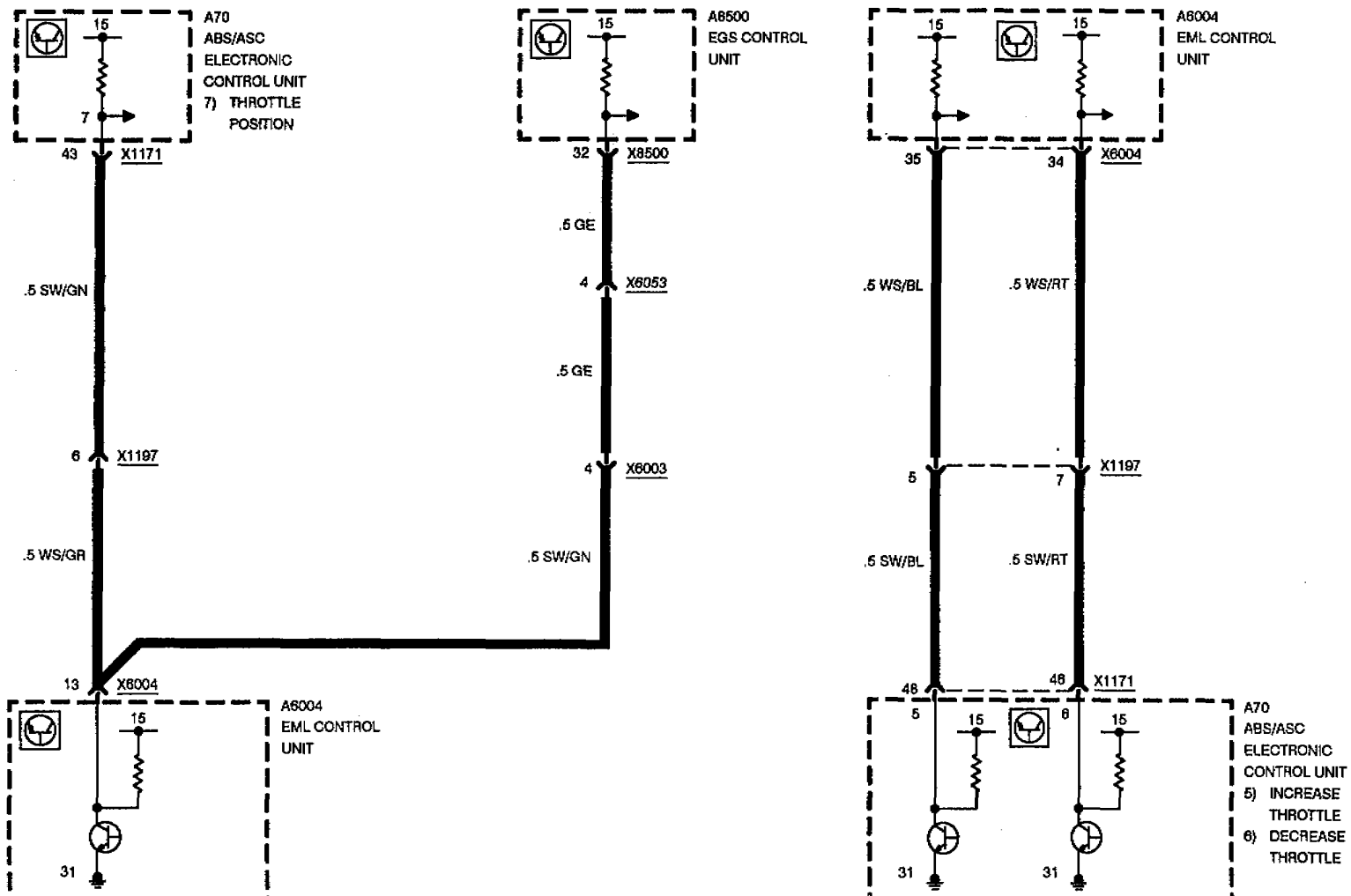
DME INTERFACE



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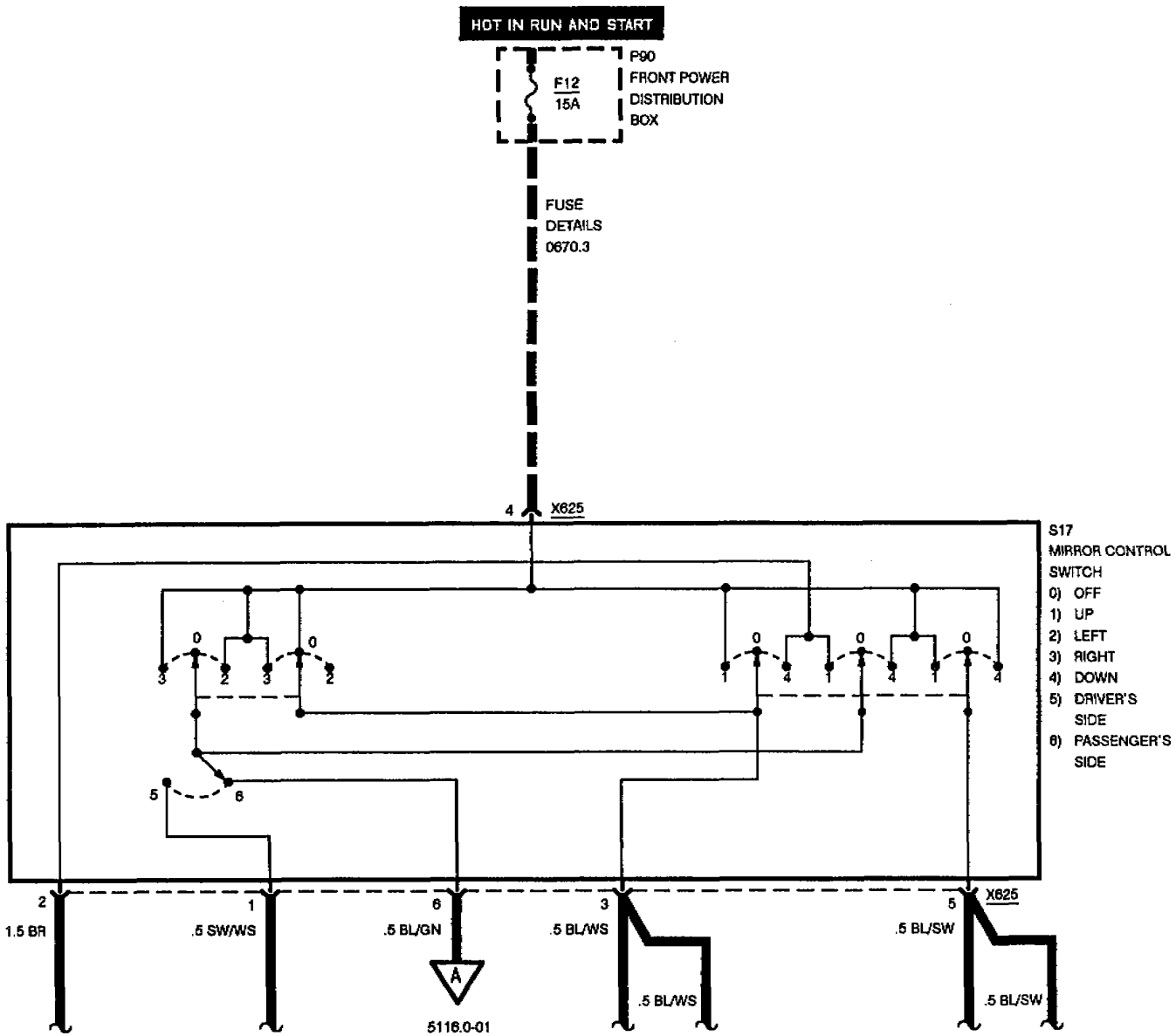
AUTOMATIC STABILITY CONTROL (ASC)

EML INTERFACE

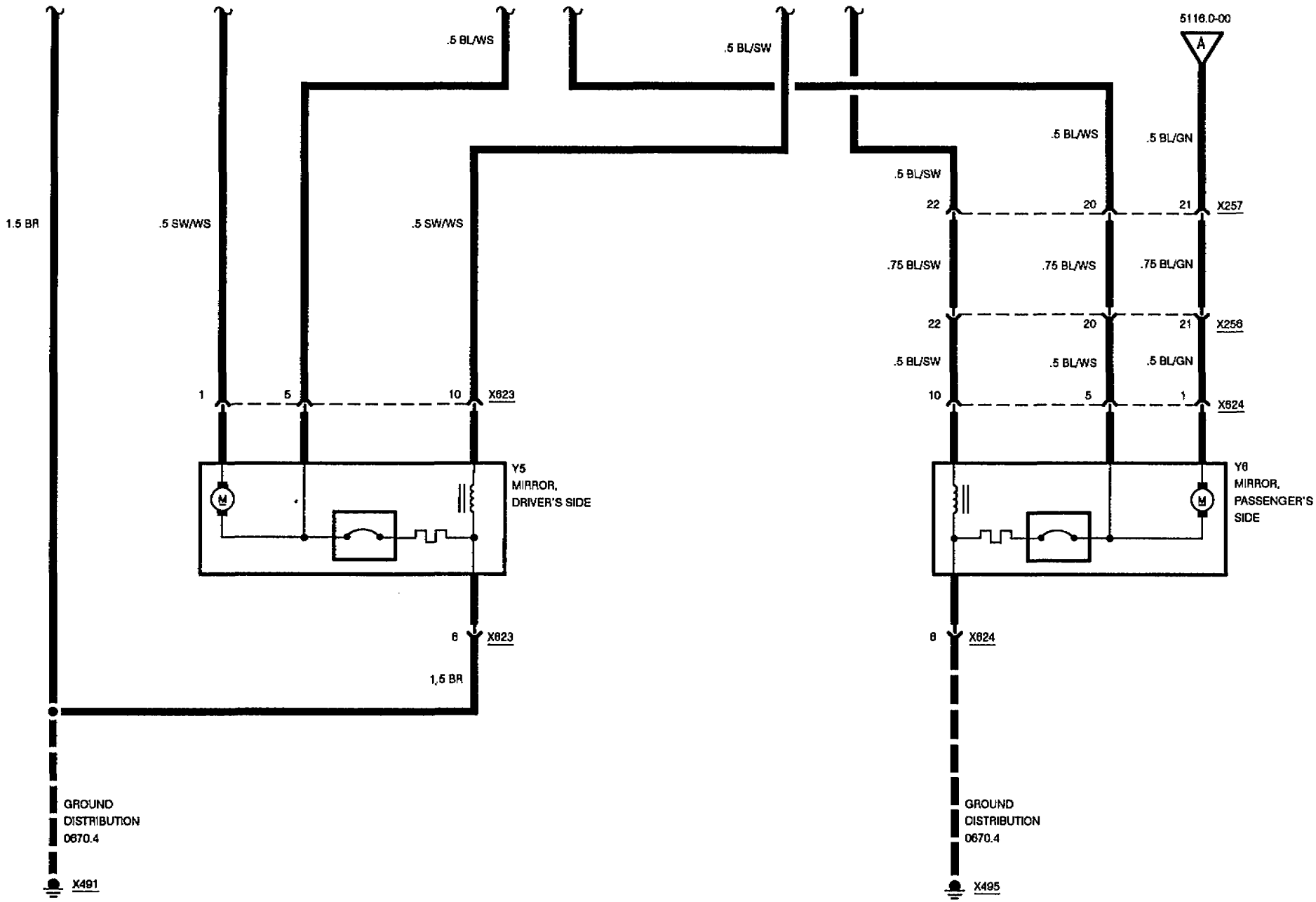


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POWER MIRRORS



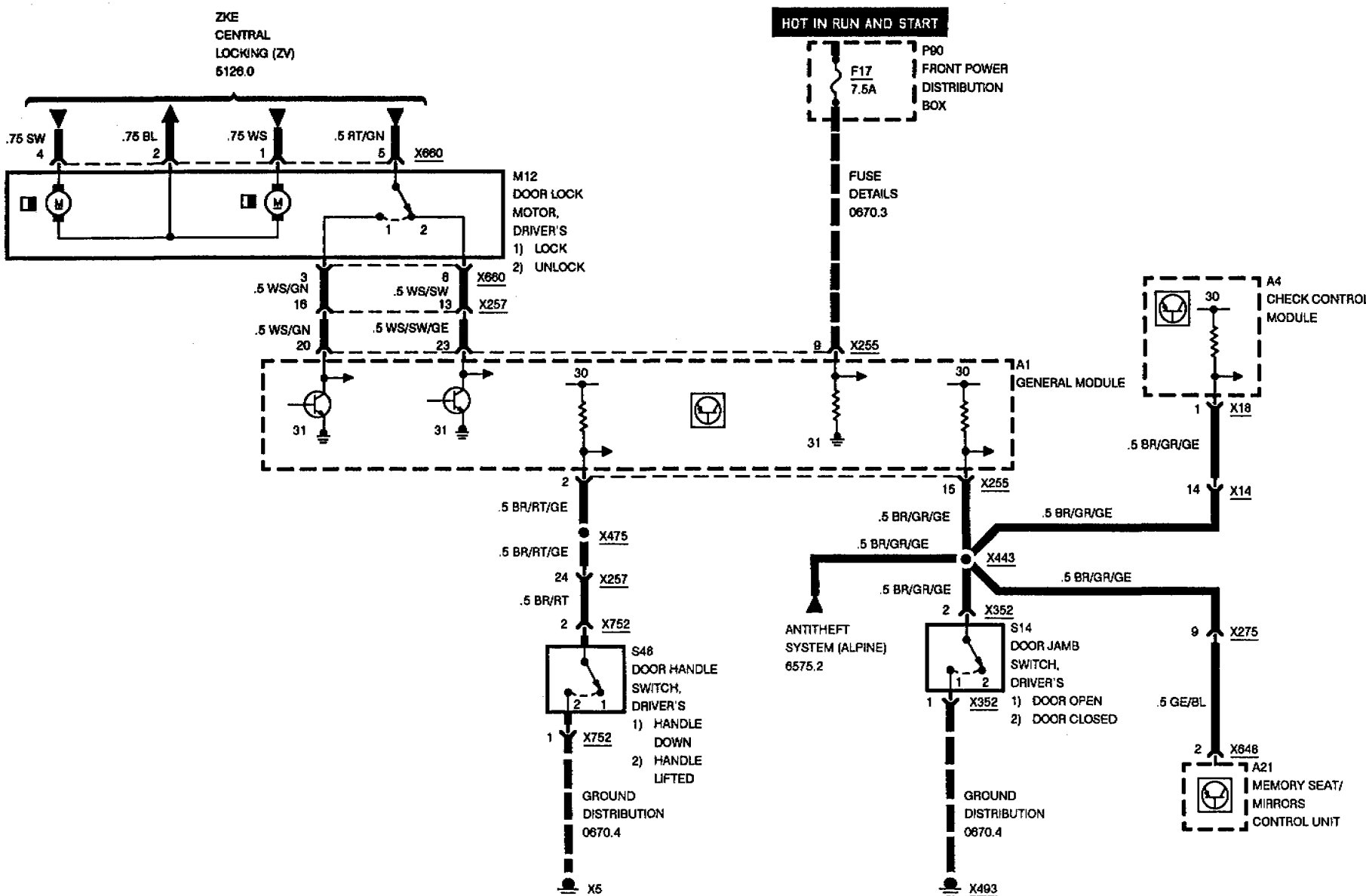
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ZKE DOOR LOCK HEATING (TSH)

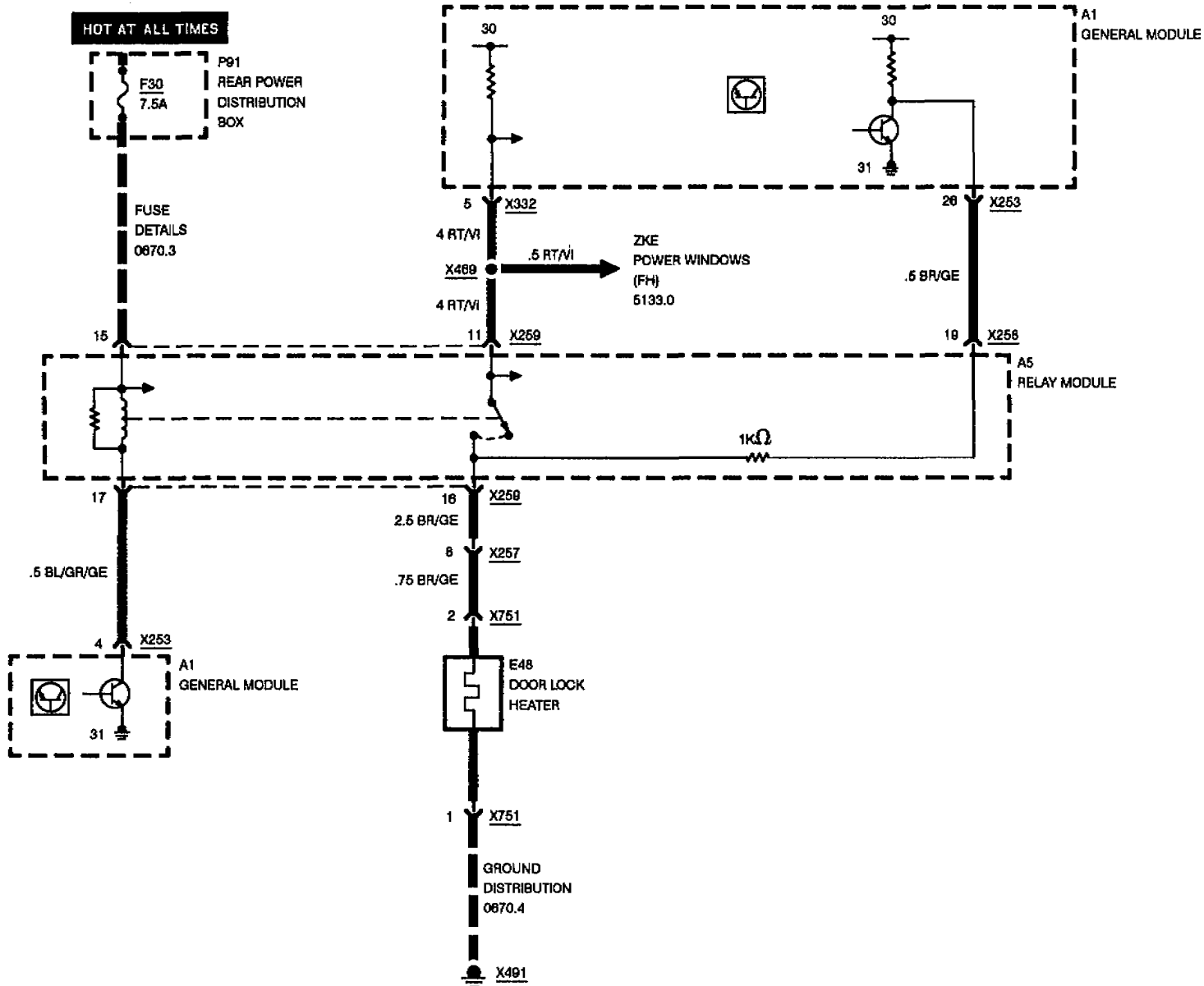
INPUT DETAILS



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ZKE DOOR LOCK HEATING (TSH)

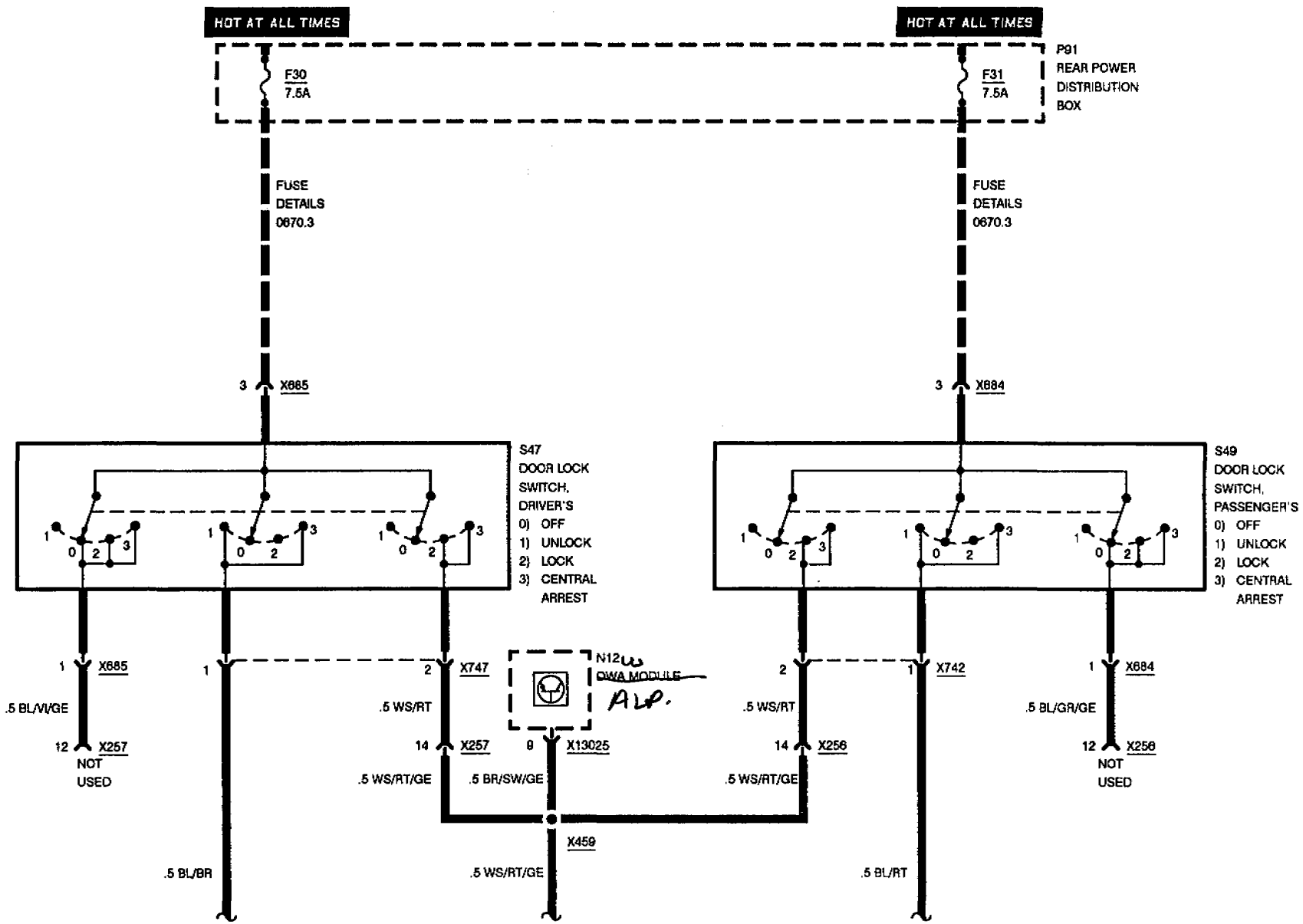
OUTPUT DETAILS



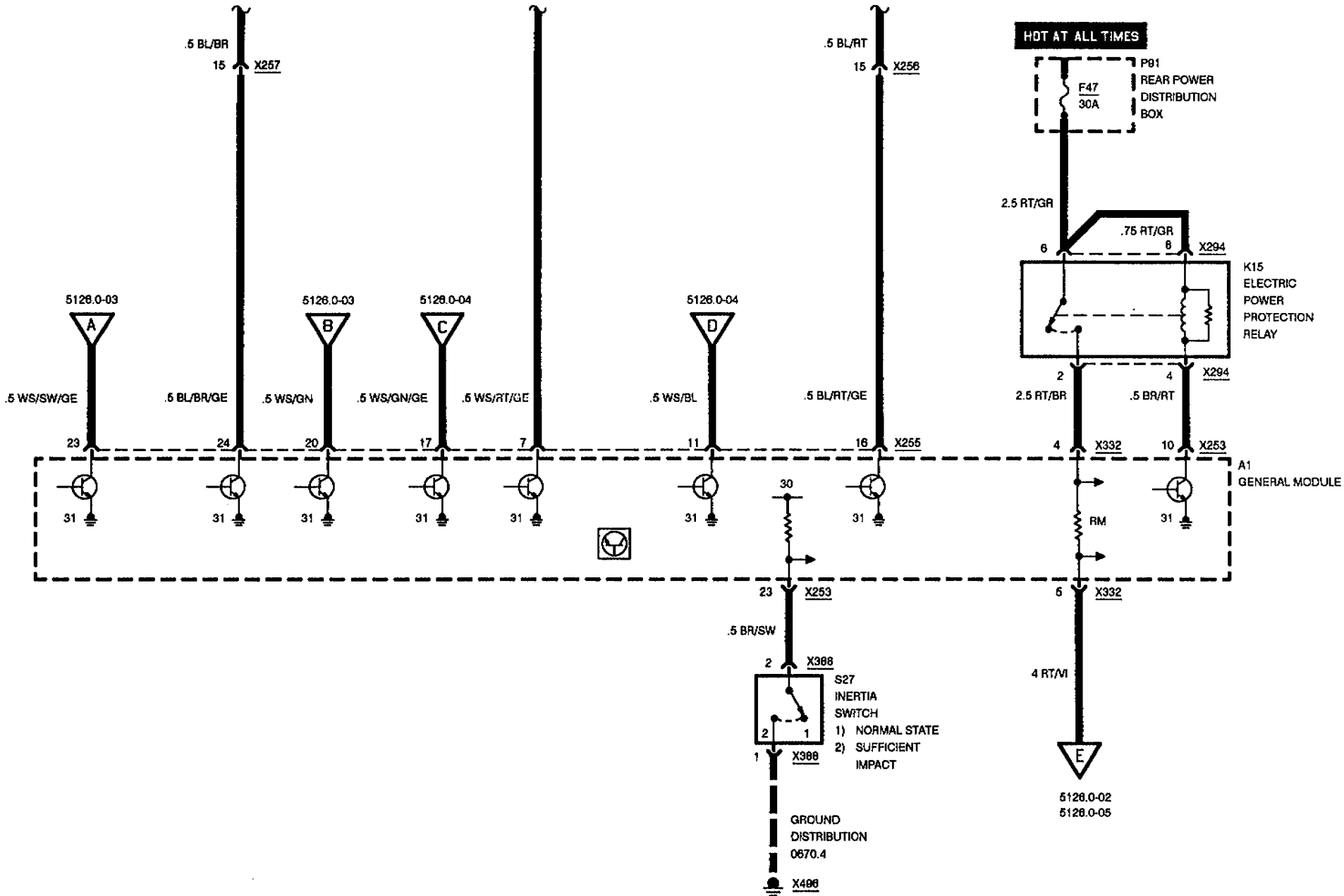
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ZKE CENTRAL LOCKING (ZV)

INPUT DETAILS



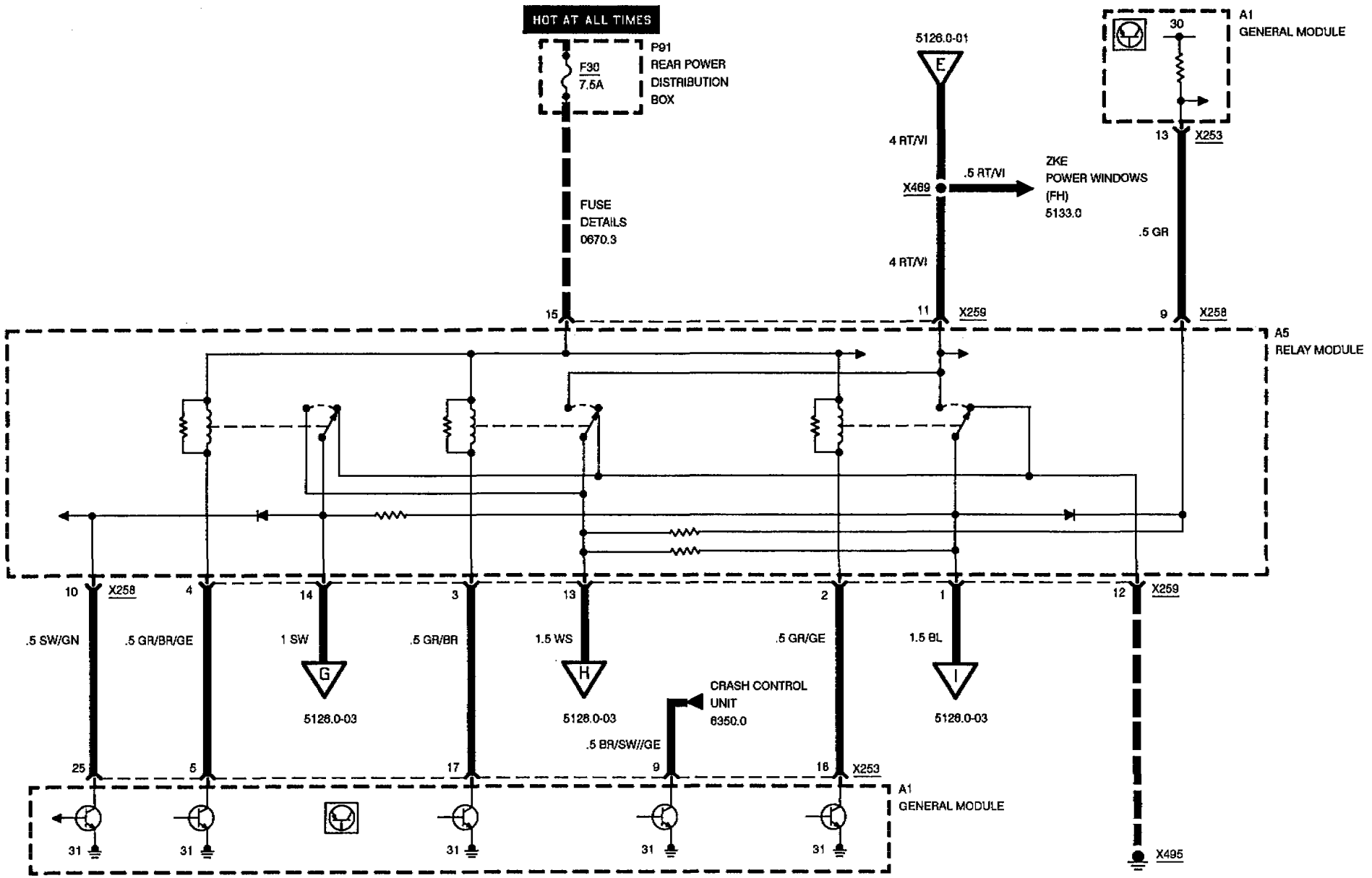
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ZKE CENTRAL LOCKING (ZV)

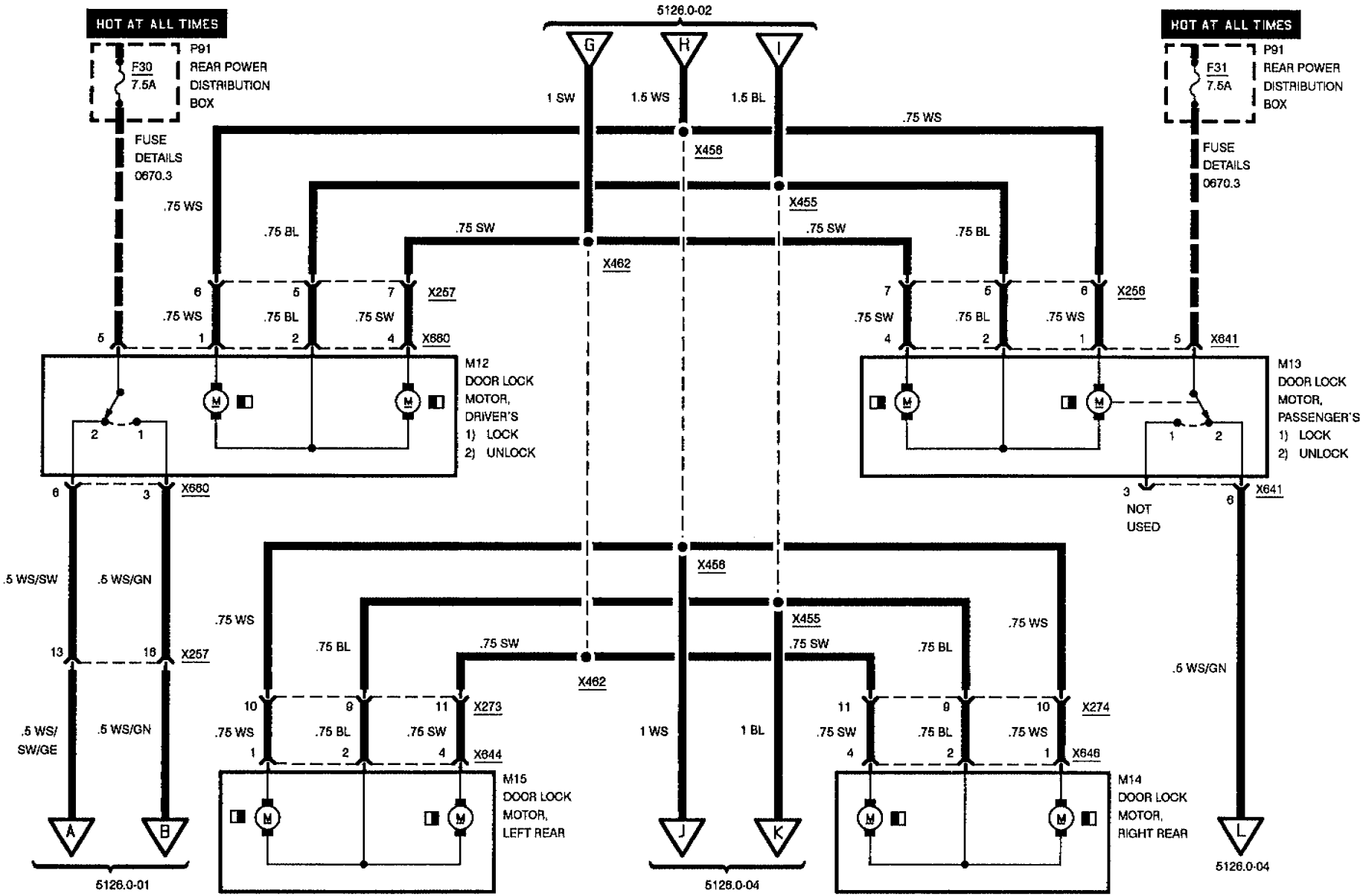
OUTPUT DETAILS



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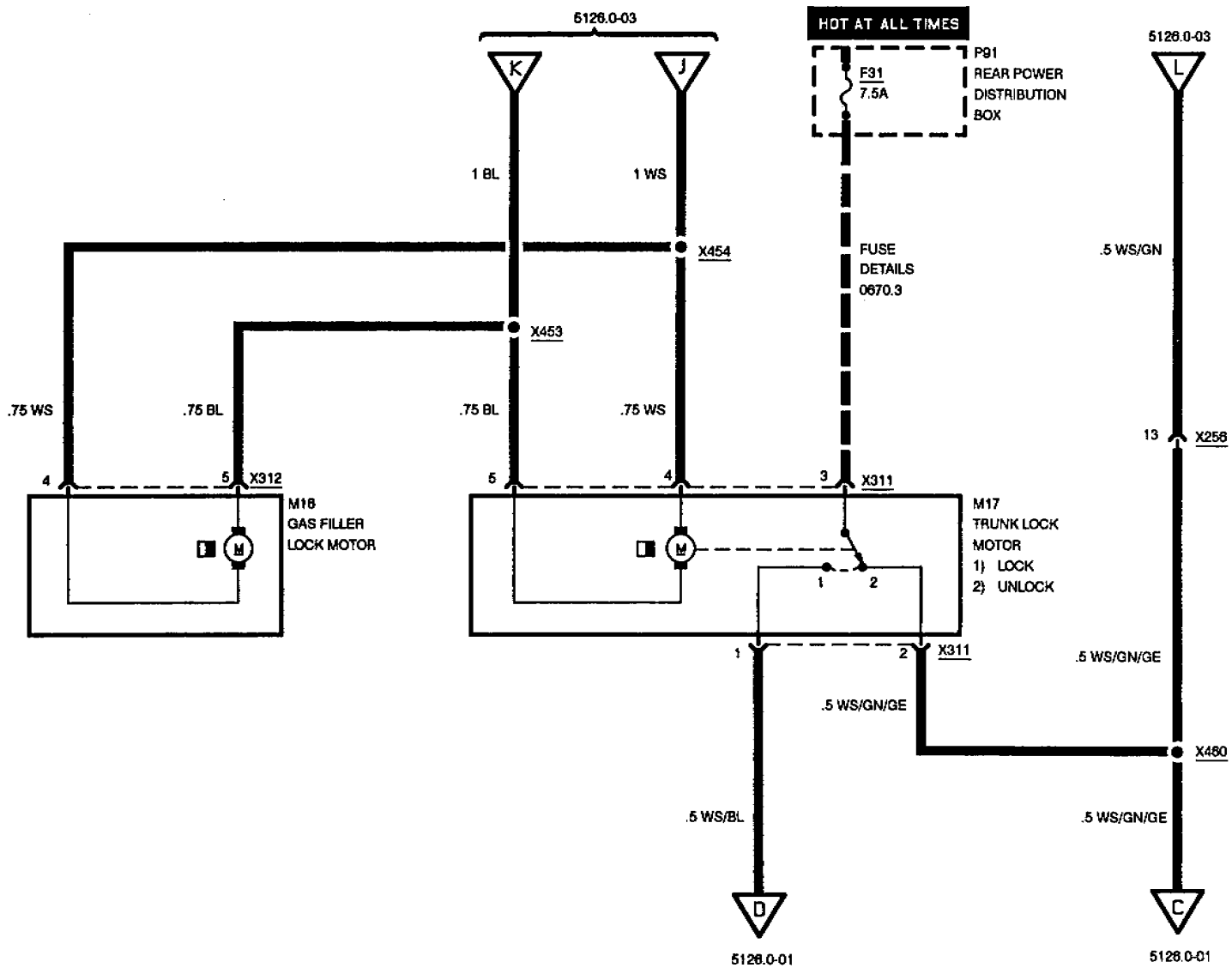
OUTPUT DETAILS



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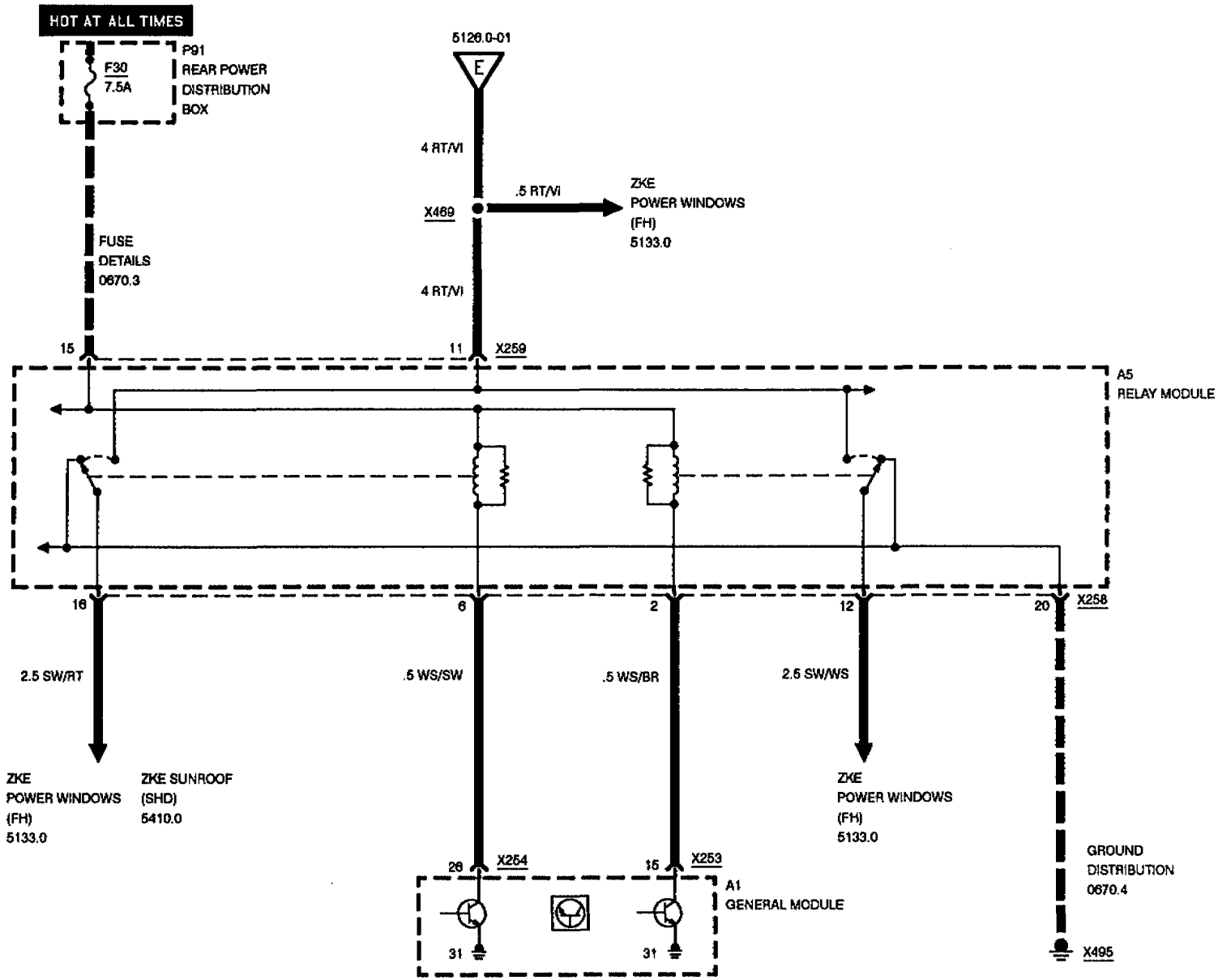
OUTPUT DETAILS



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ZKE CENTRAL LOCKING (ZV)

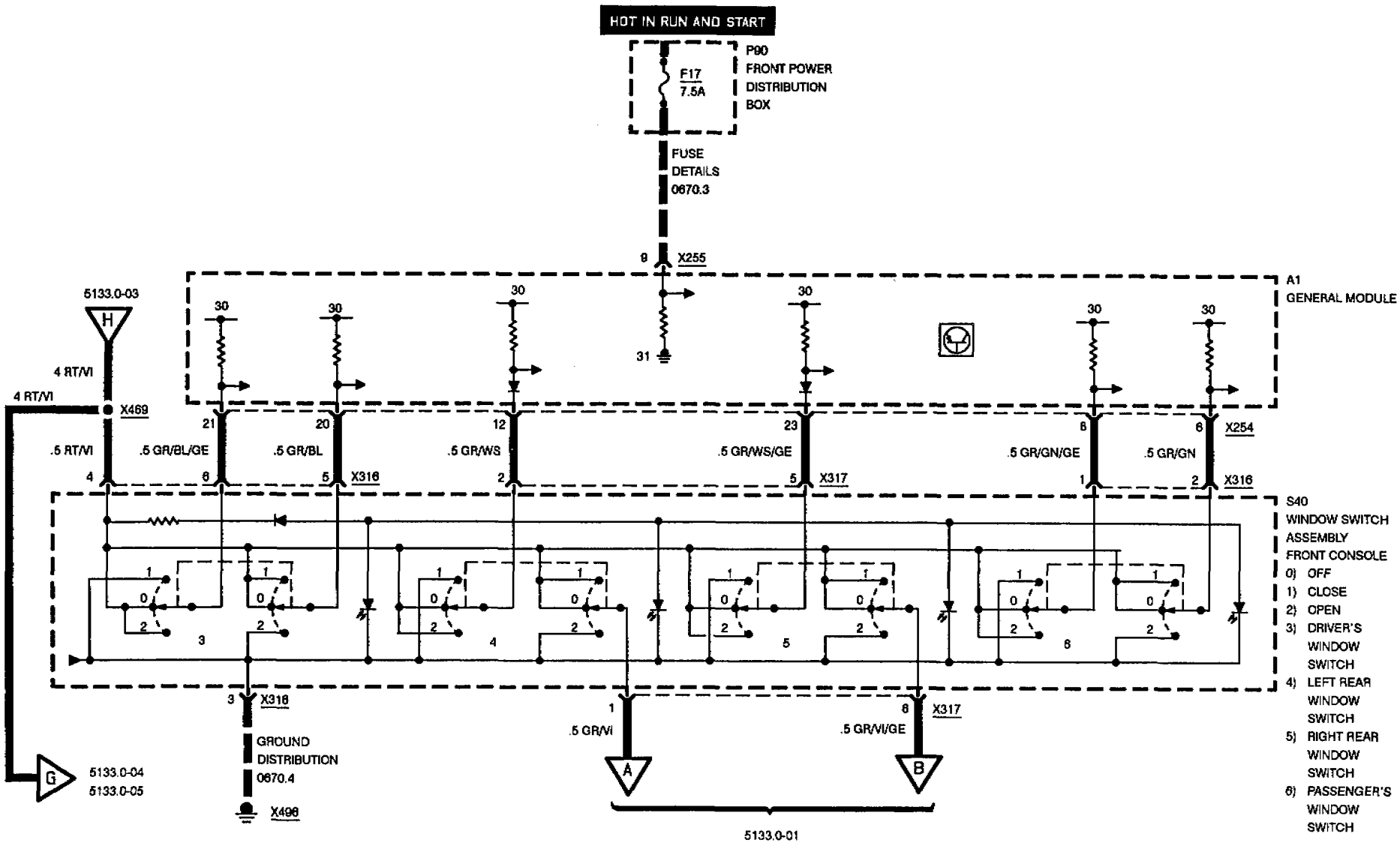
OUTPUT DETAILS



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ZKE POWER WINDOWS (FH)

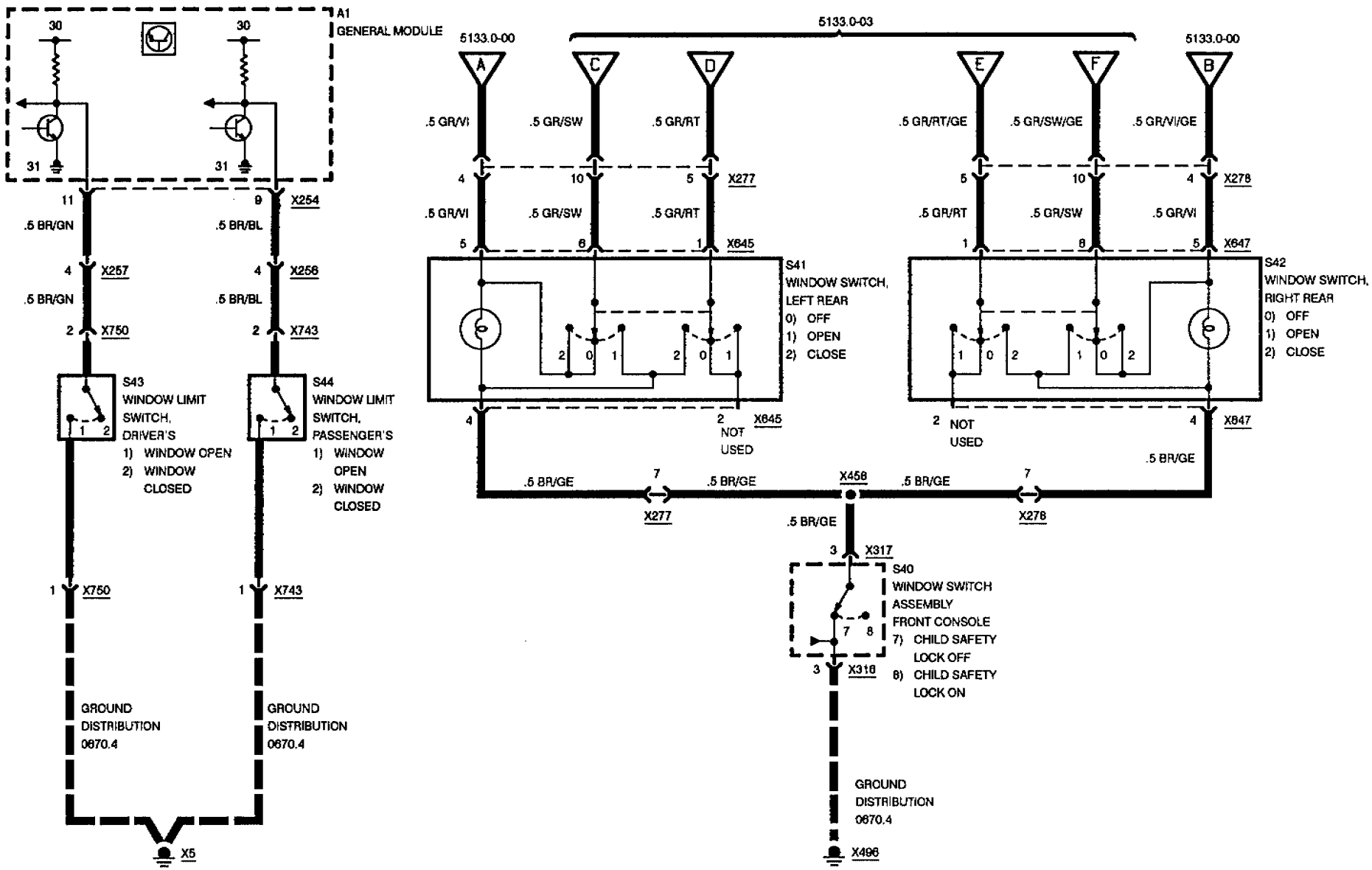
INPUT DETAILS



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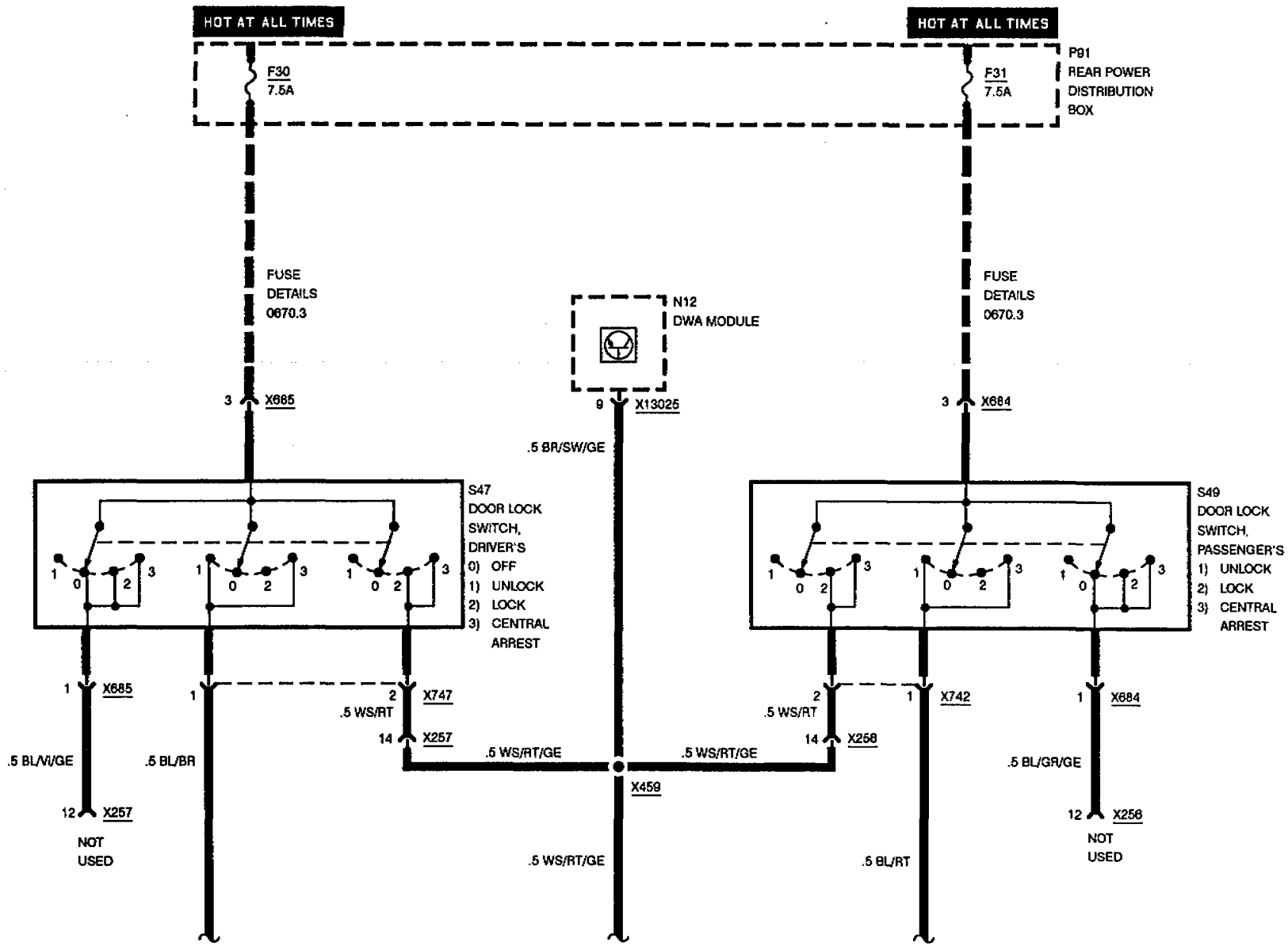
INPUT DETAILS



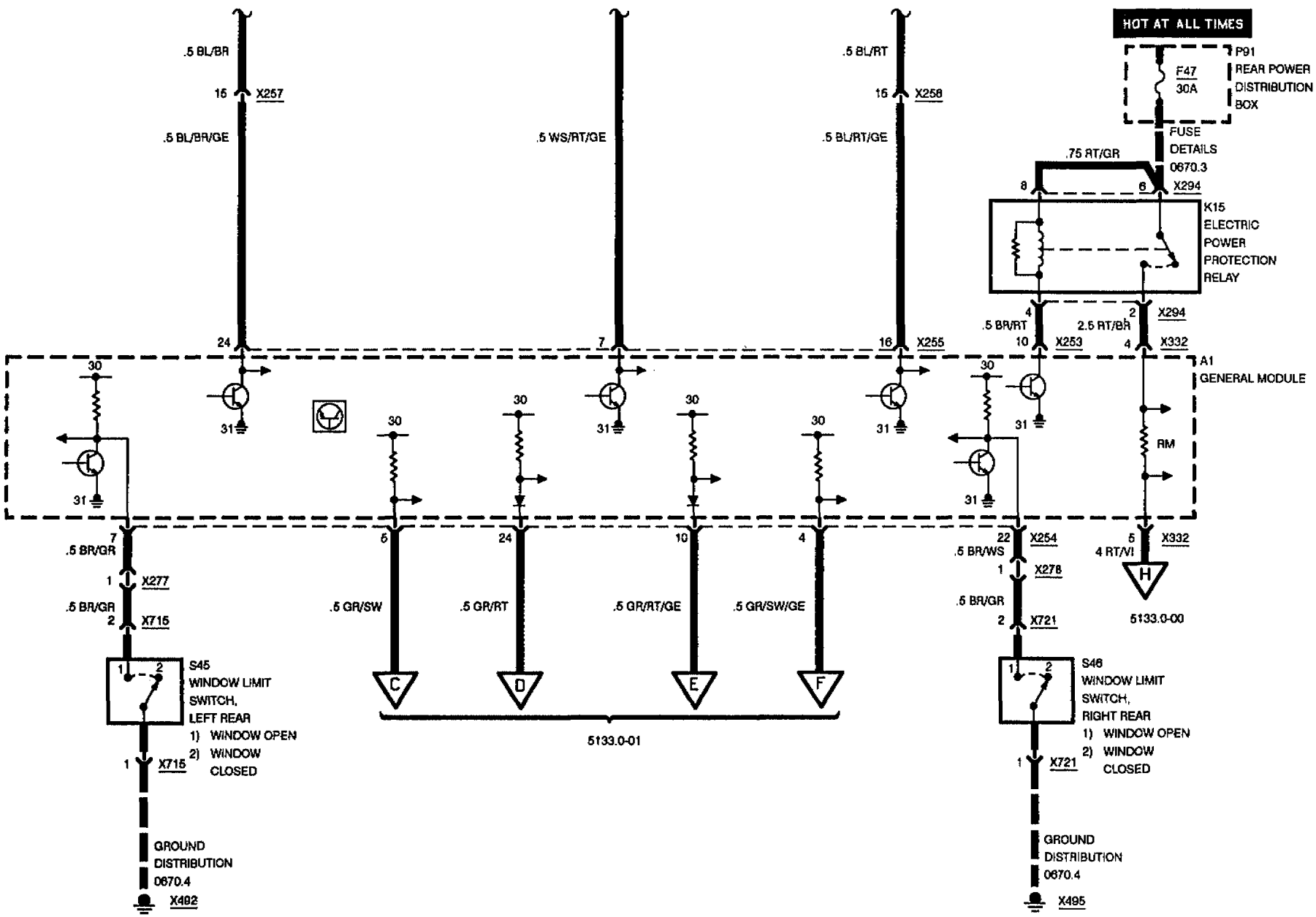
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ZKE POWER WINDOWS (FH)

INPUT DETAILS



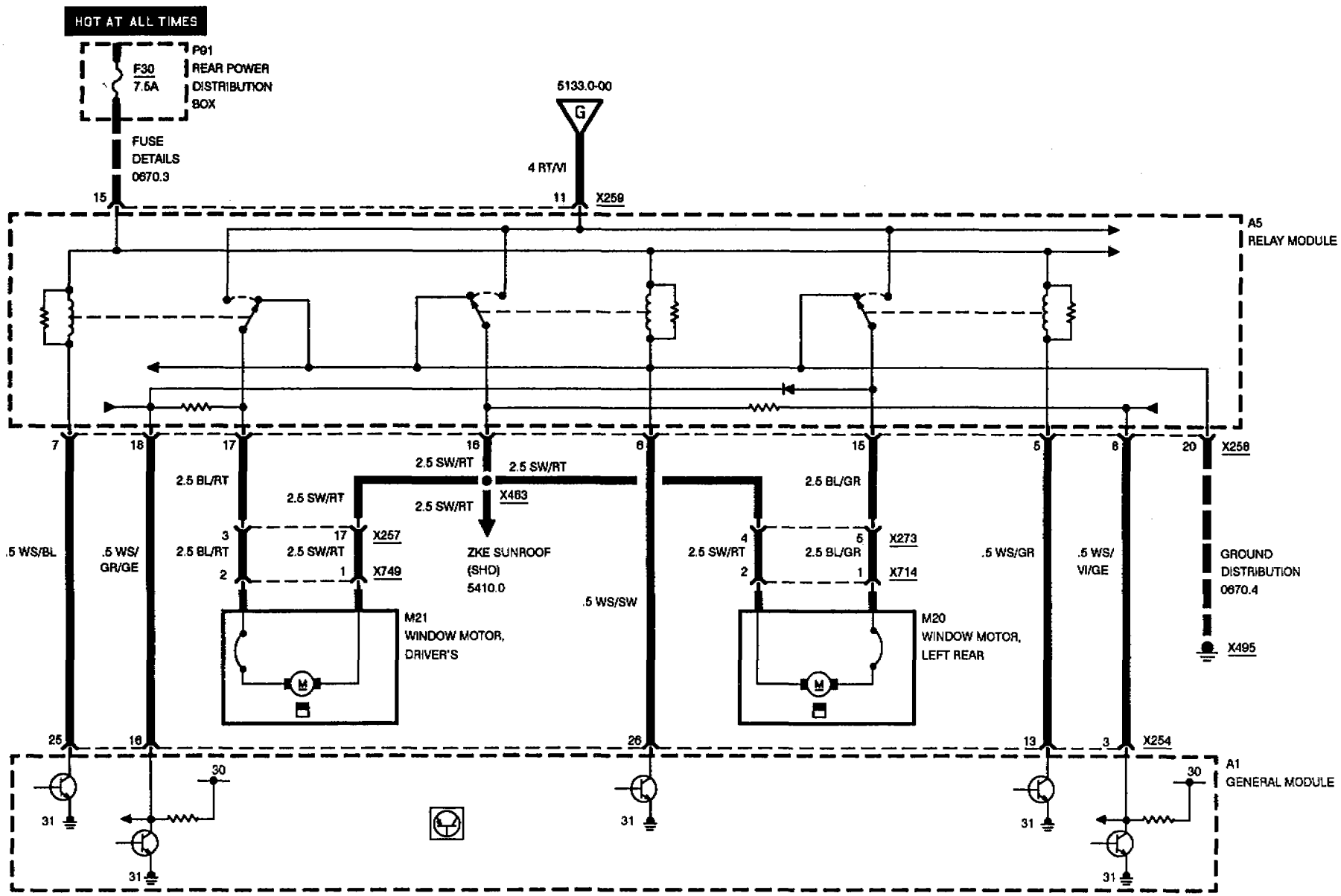
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ZKE POWER WINDOWS (FH)

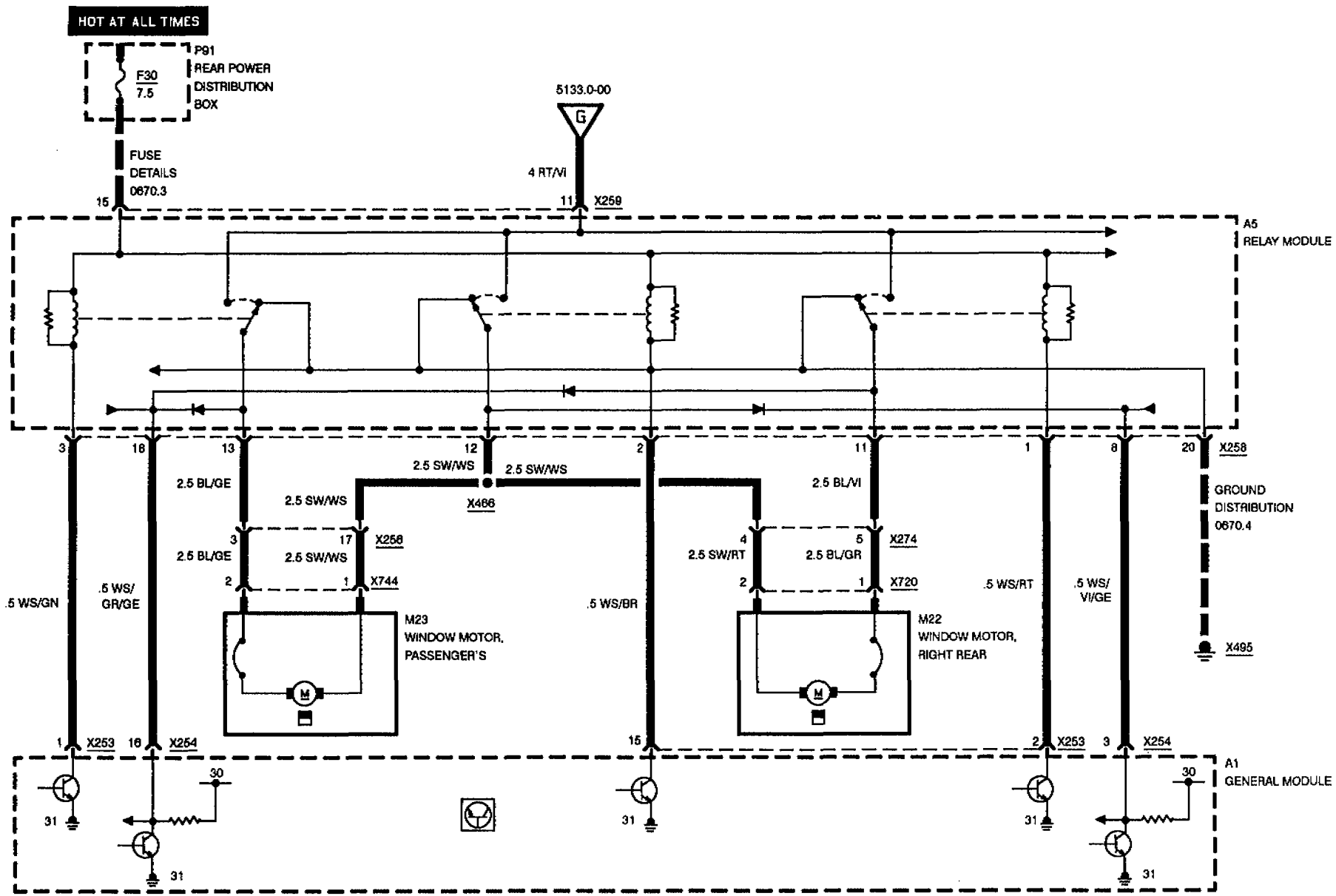
LEFT SIDE OUTPUT DETAILS



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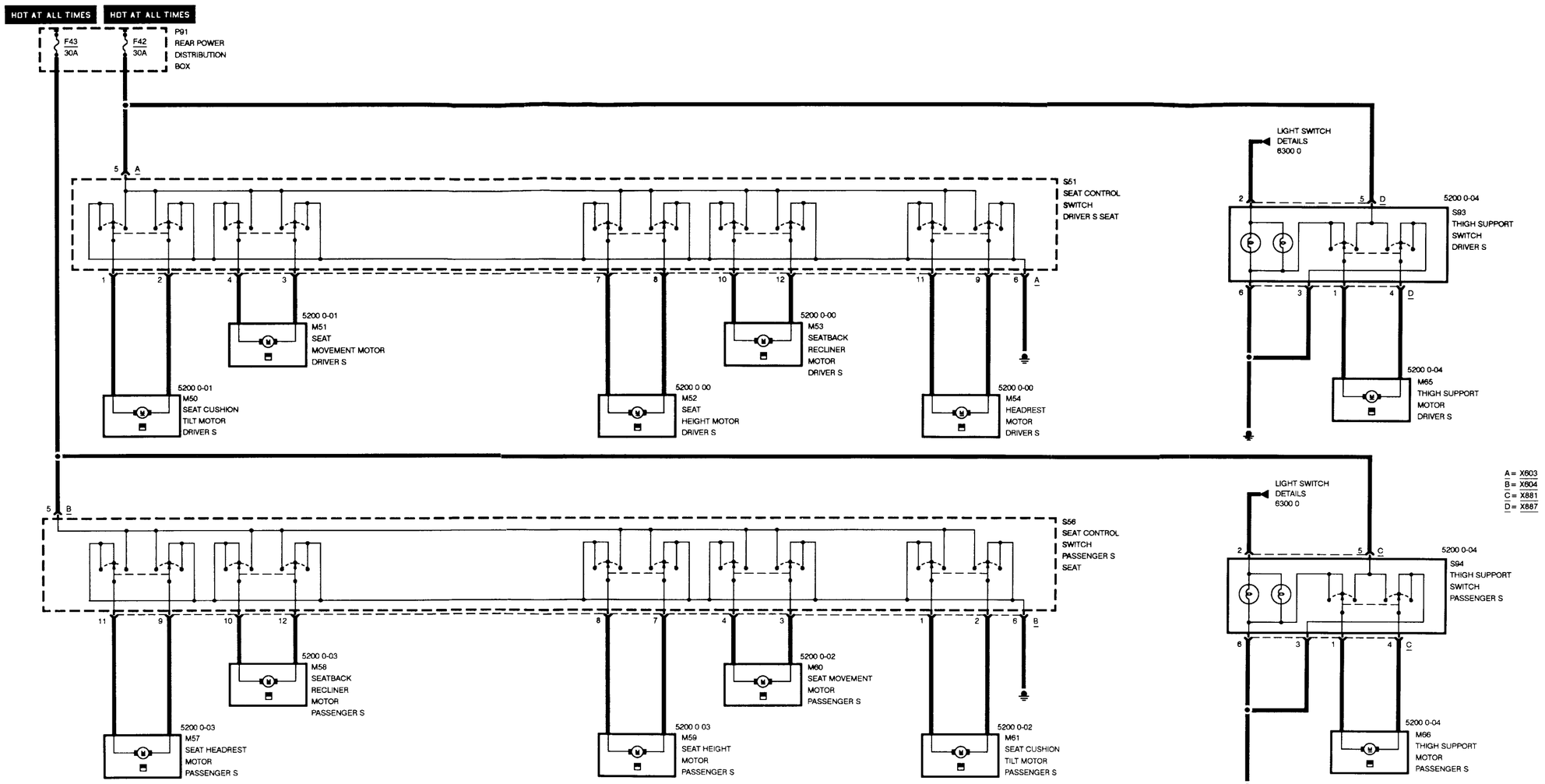
ZKE POWER WINDOWS (FH)

RIGHT SIDE OUTPUT DETAILS



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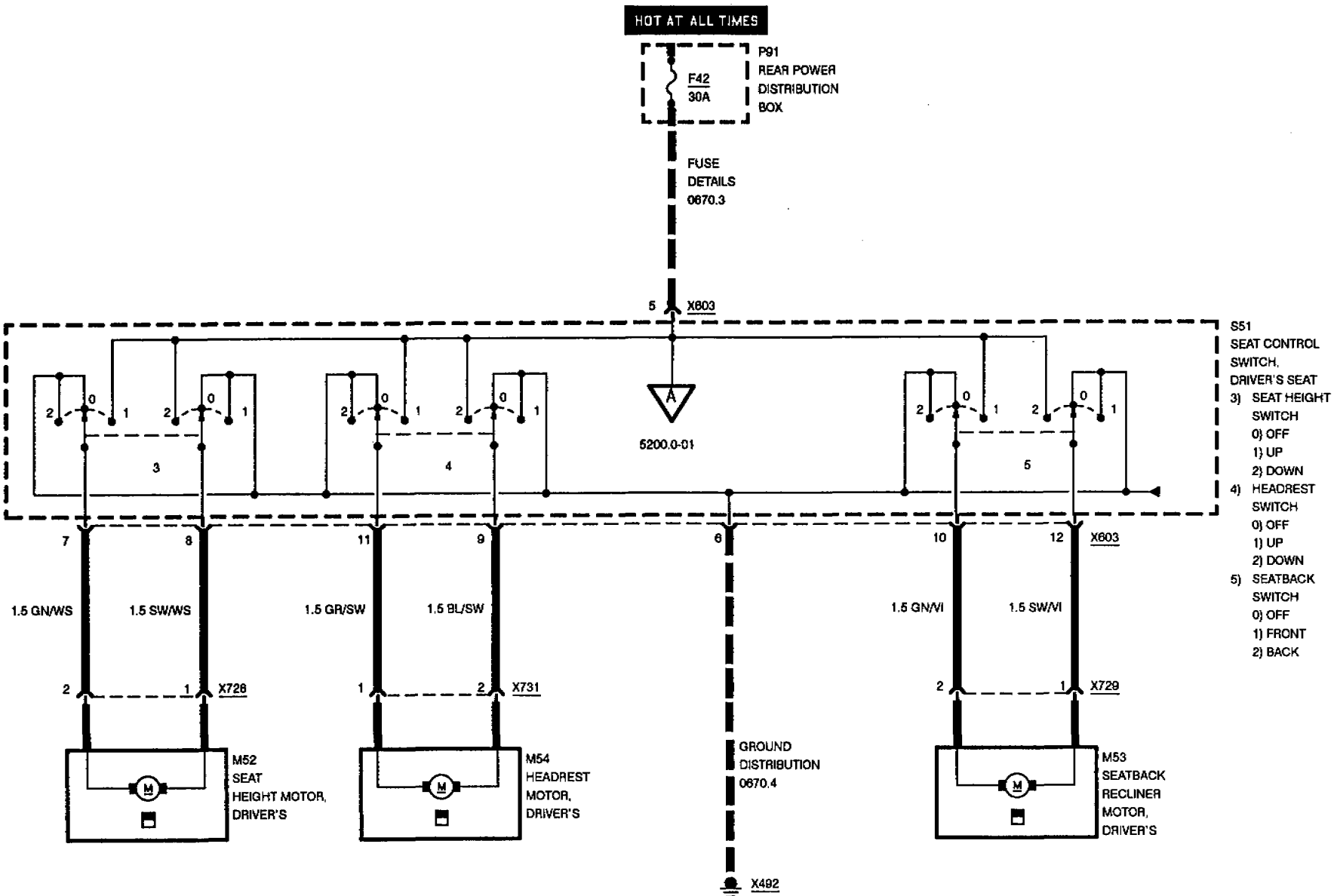
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POWER SEATS

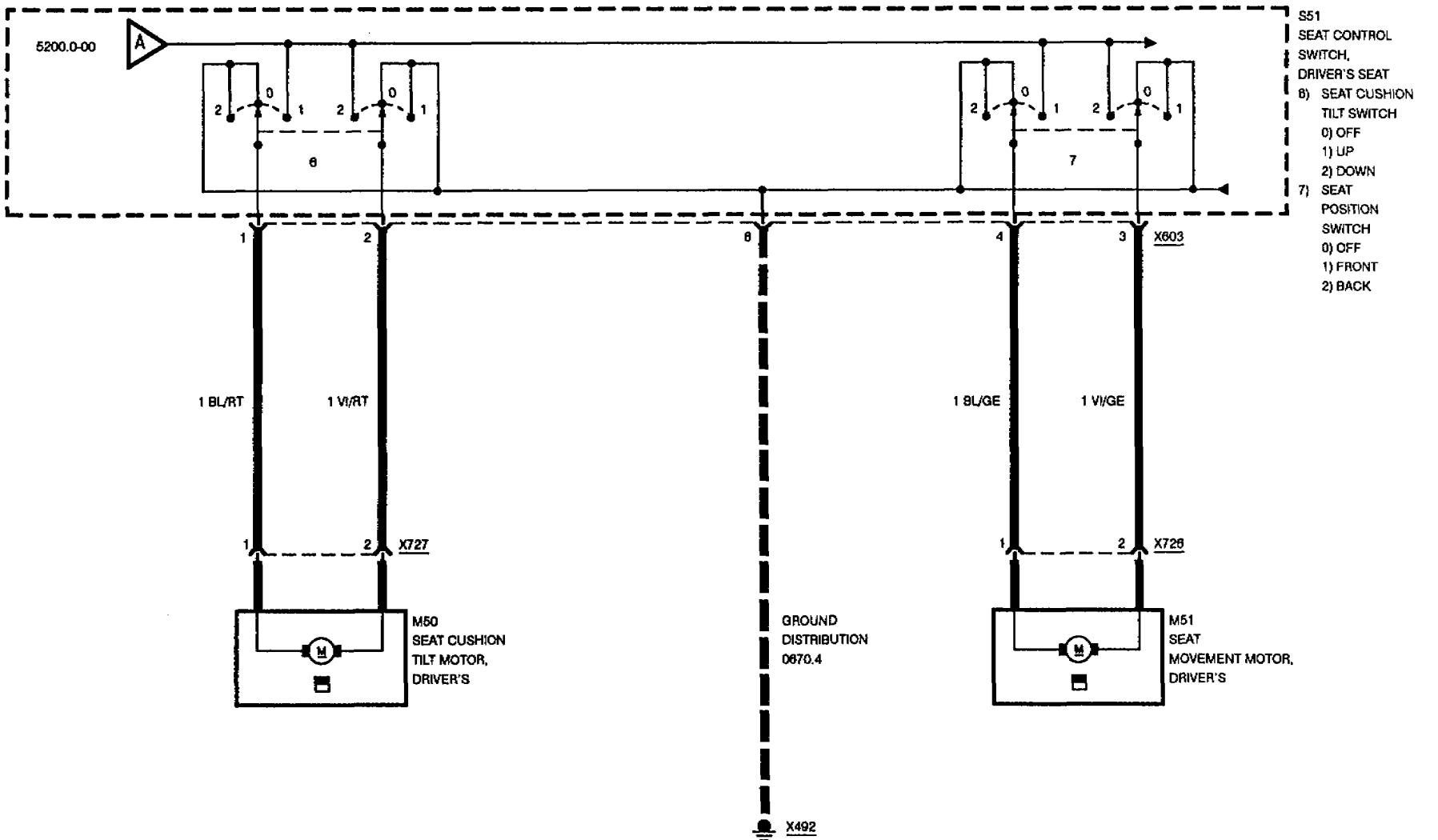
DRIVER'S SEAT



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POWER SEATS

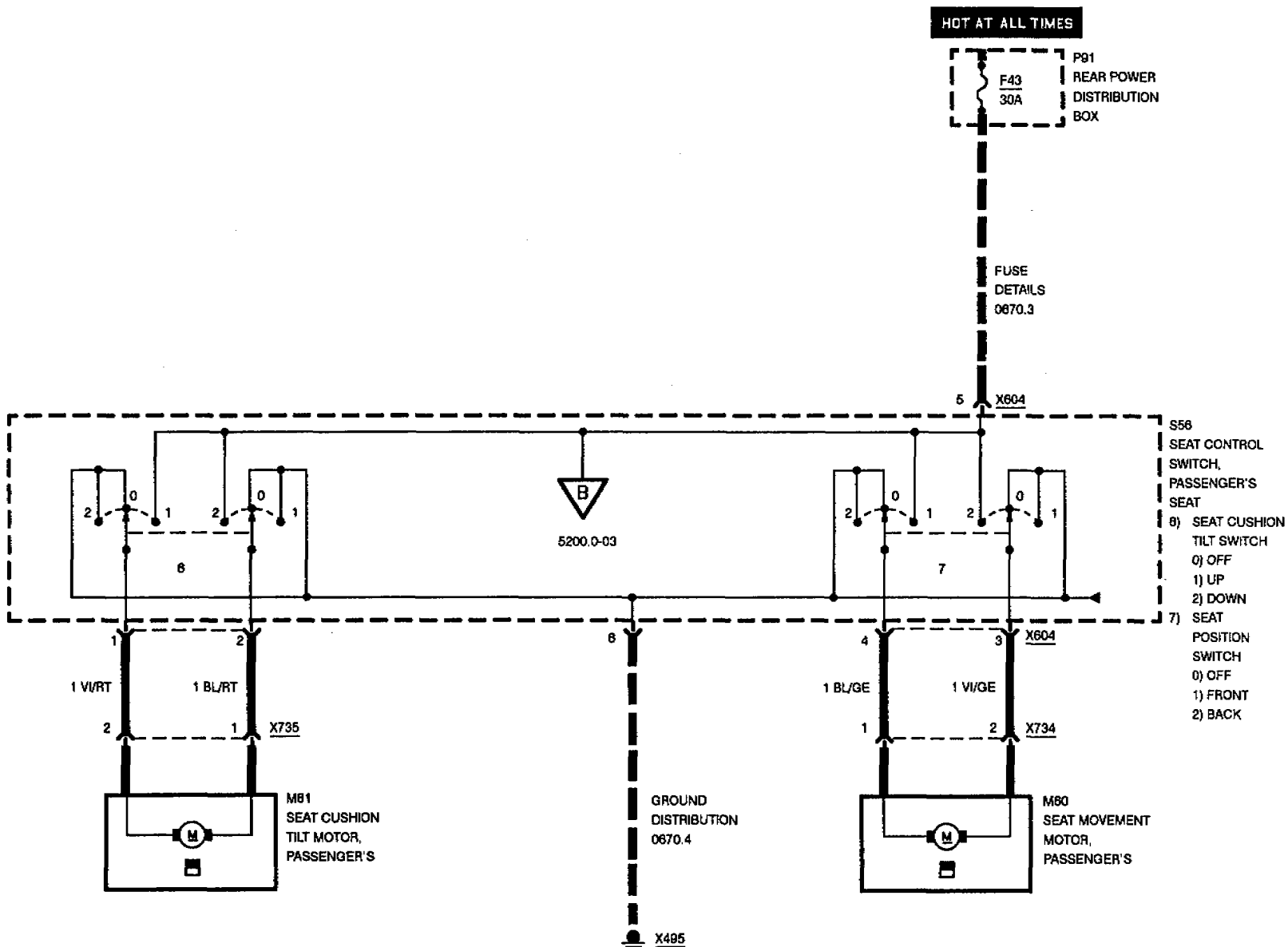
DRIVER'S SEAT



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POWER SEATS

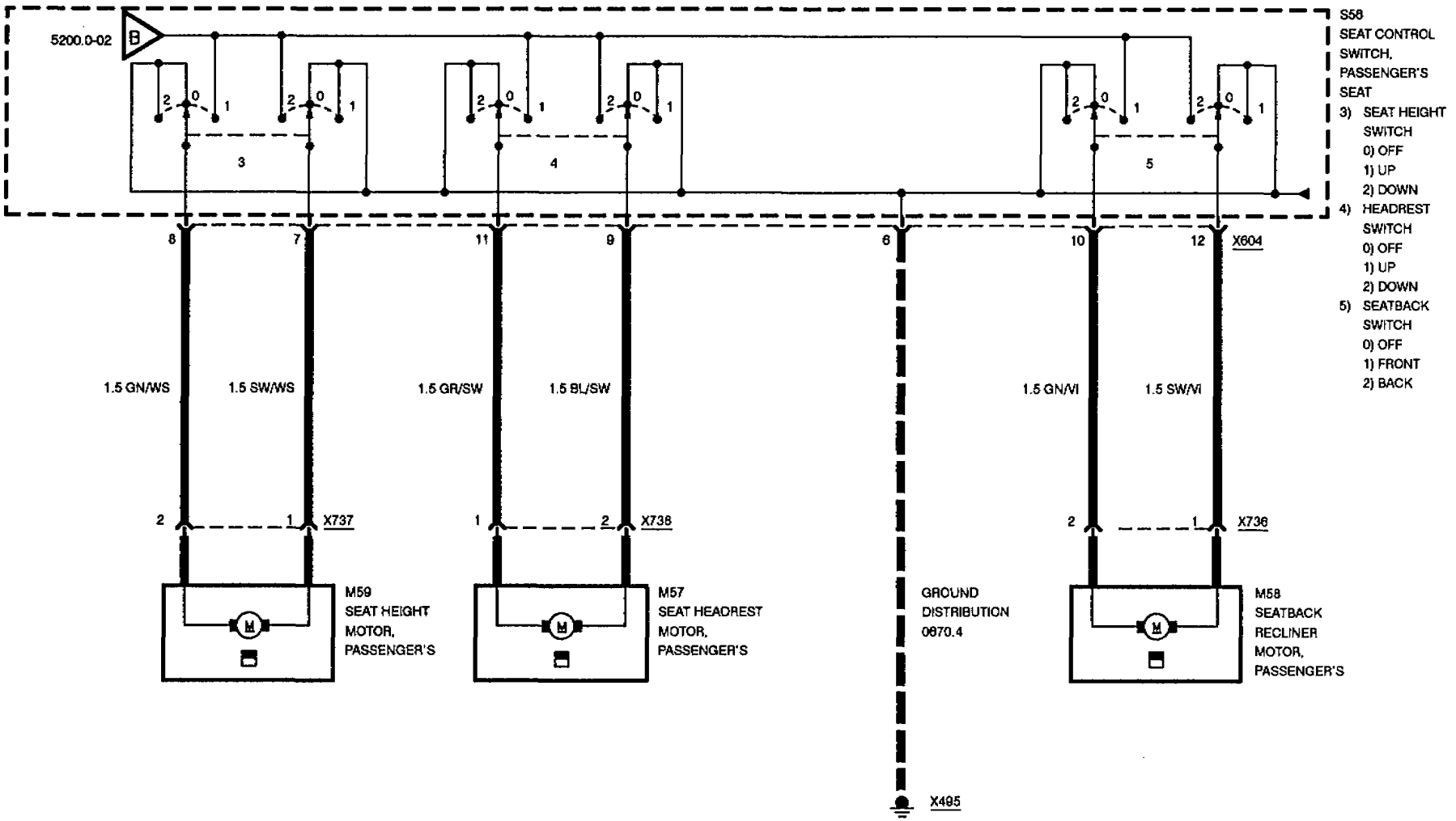
PASSENGER'S SEAT



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POWER SEATS

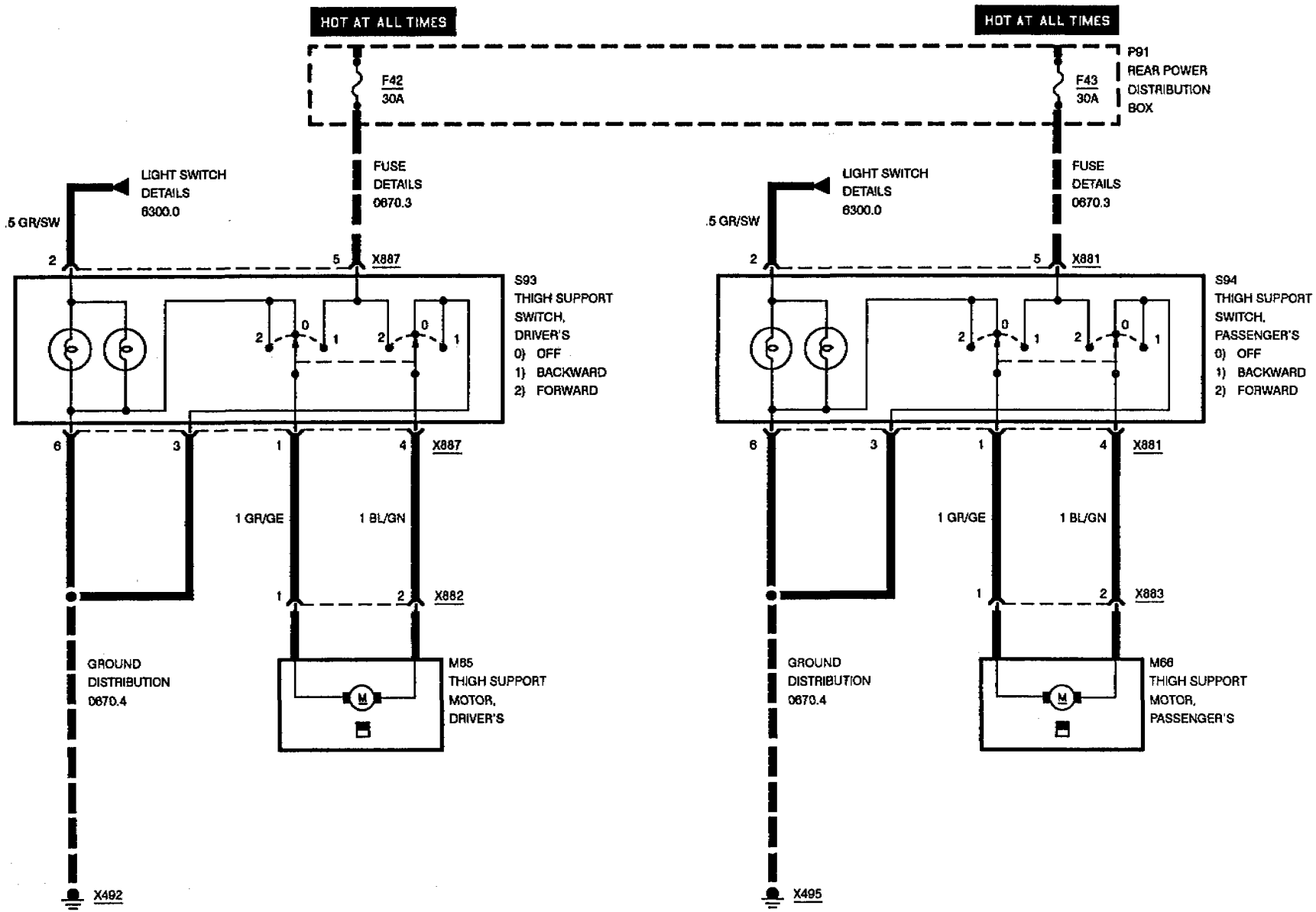
PASSENGER'S SEAT



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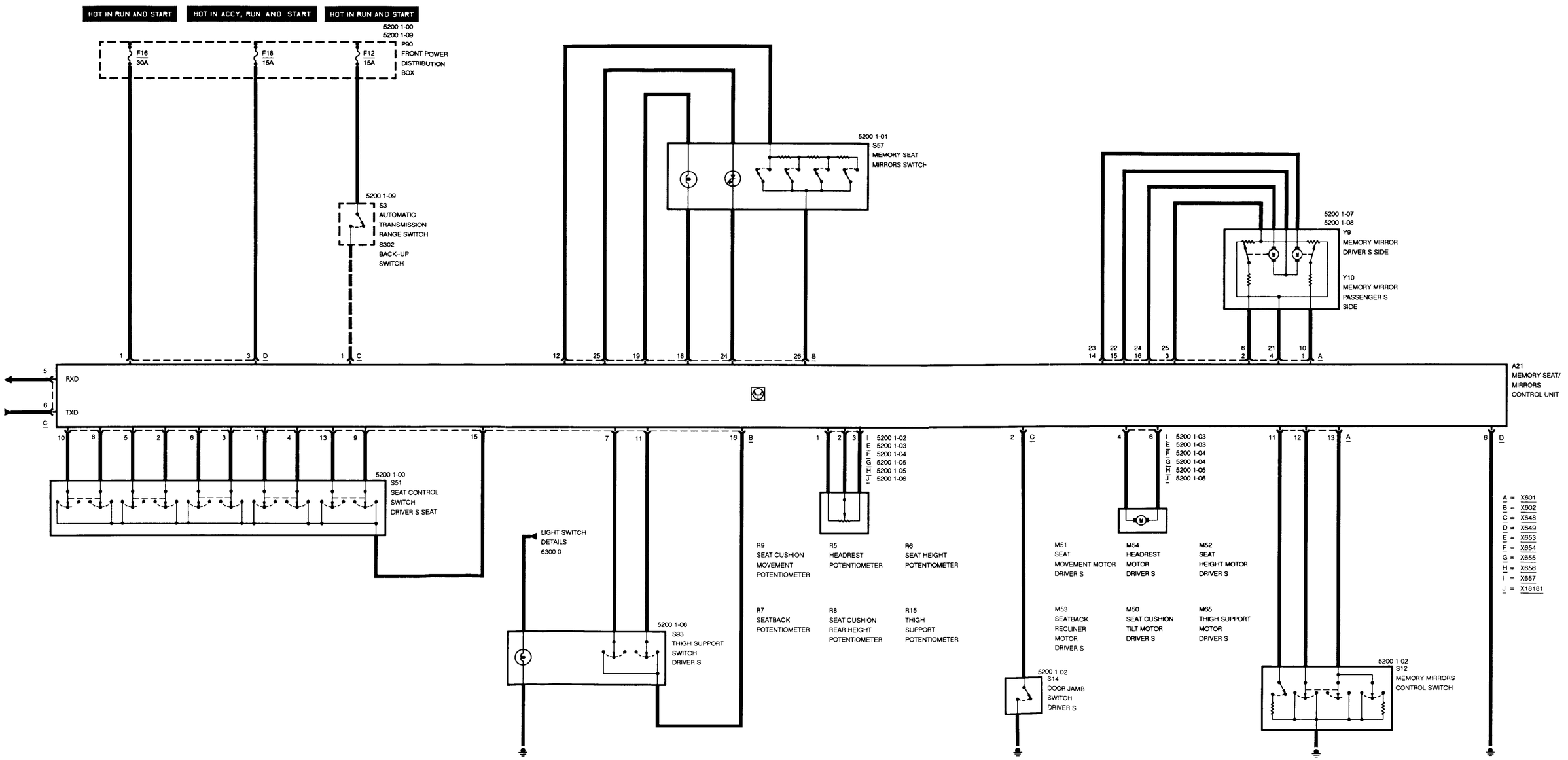
POWER SEATS

THIGH SUPPORT, WITH SPORT SEATS ONLY



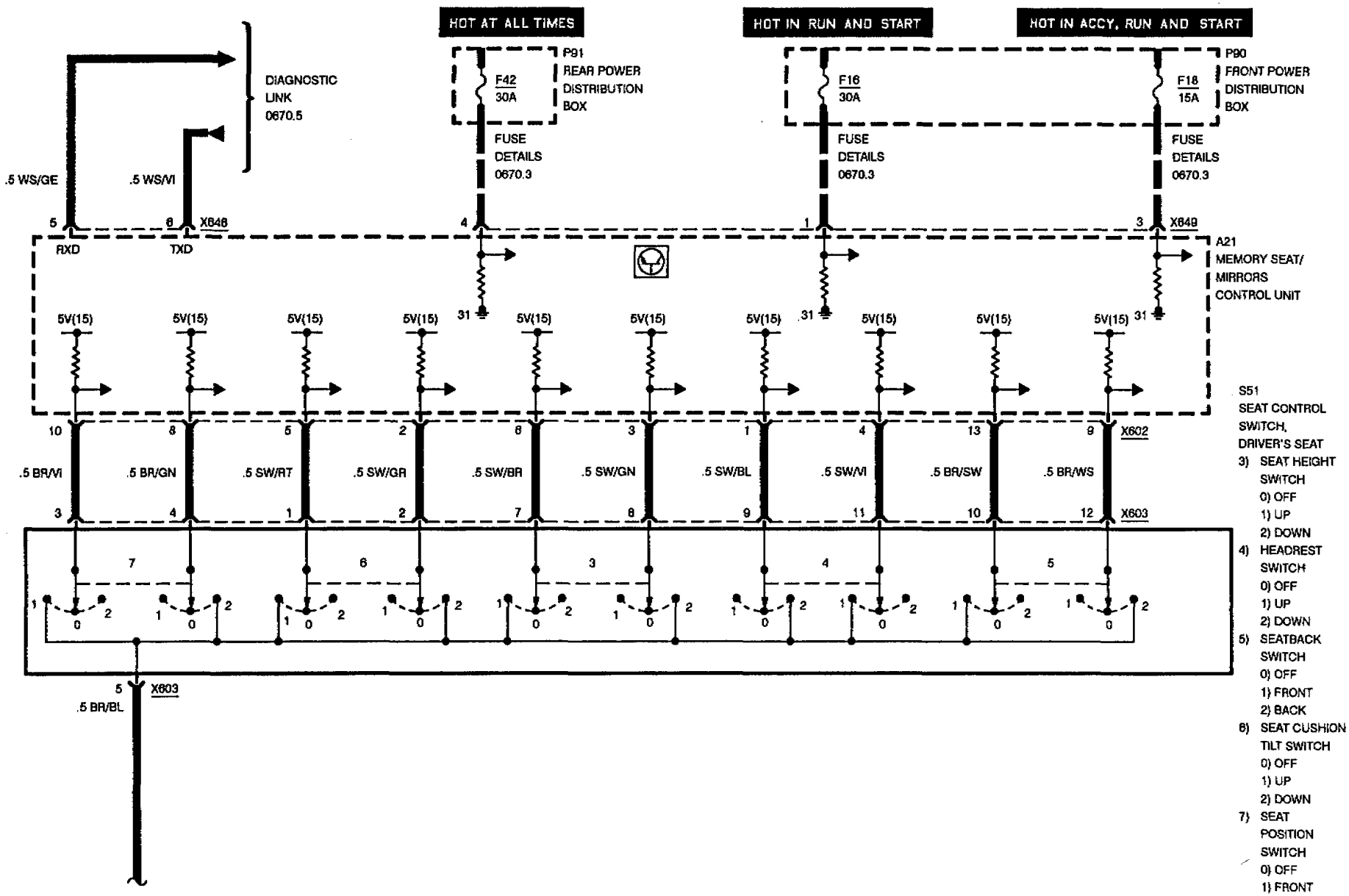
cardiagn.com

02/92 — 5200 1 — 1991
02/92 — 5200 1 — 1991



cardiagn.com

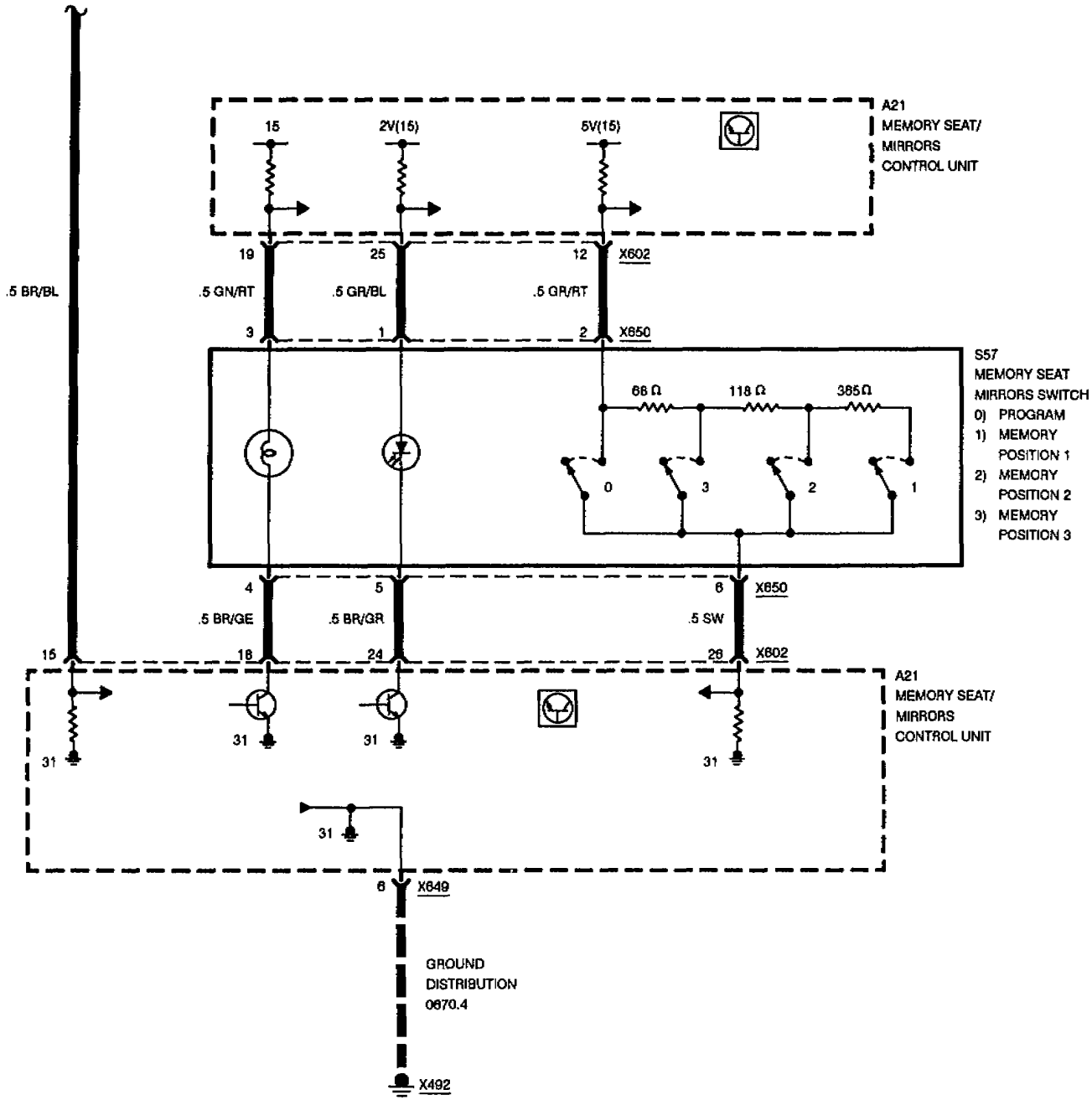
MEMORY SEATS/ MIRRORS (SM/SPM)



S51 SEAT CONTROL SWITCH, DRIVER'S SEAT

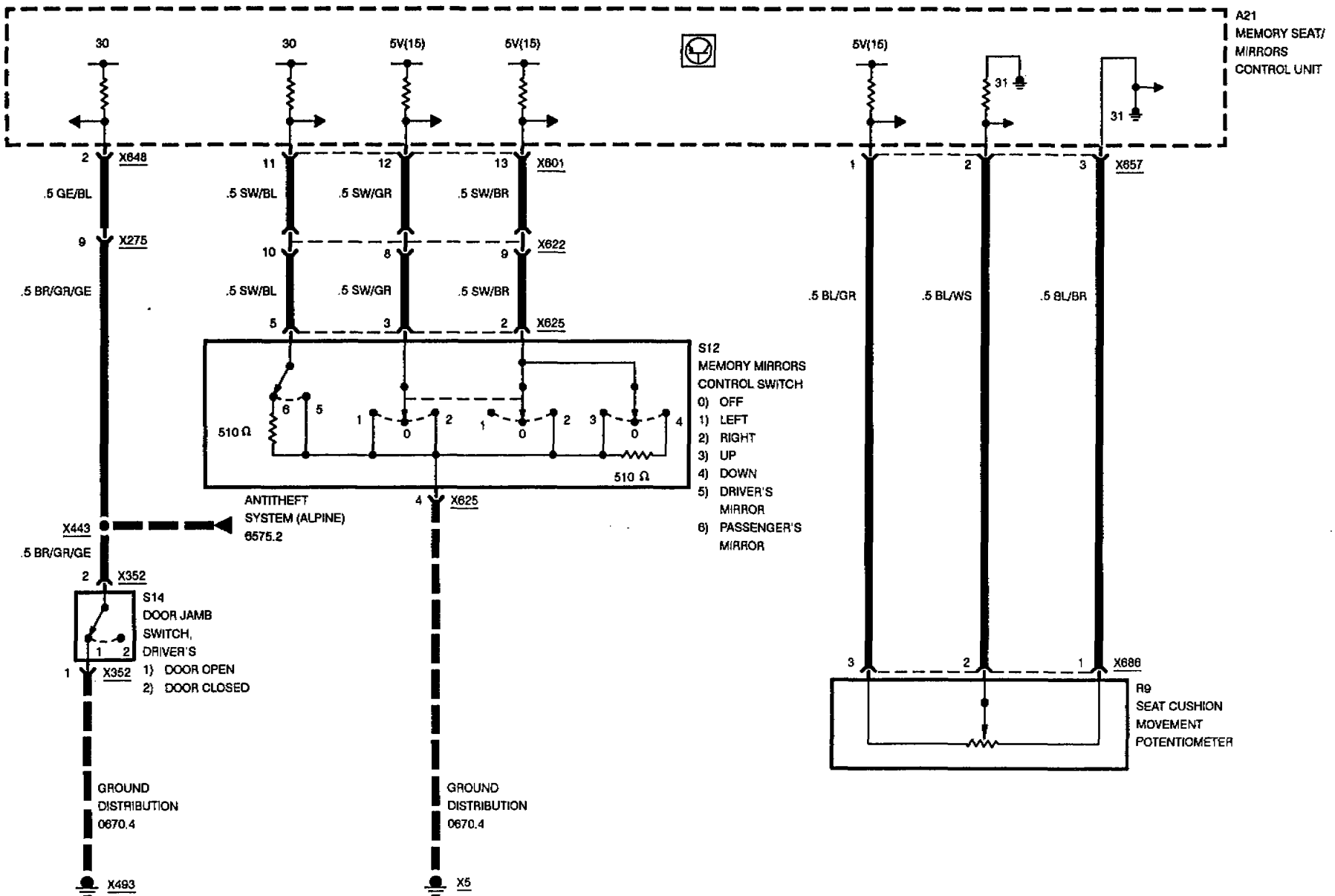
3) SEAT HEIGHT SWITCH
   0) OFF
   1) UP
   2) DOWN
4) HEADREST SWITCH
   0) OFF
   1) UP
   2) DOWN
5) SEATBACK SWITCH
   0) OFF
   1) FRONT
   2) BACK
6) SEAT CUSHION TILT SWITCH
   0) OFF
   1) UP
   2) DOWN
7) SEAT POSITION SWITCH
   0) OFF
   1) FRONT
   2) BACK

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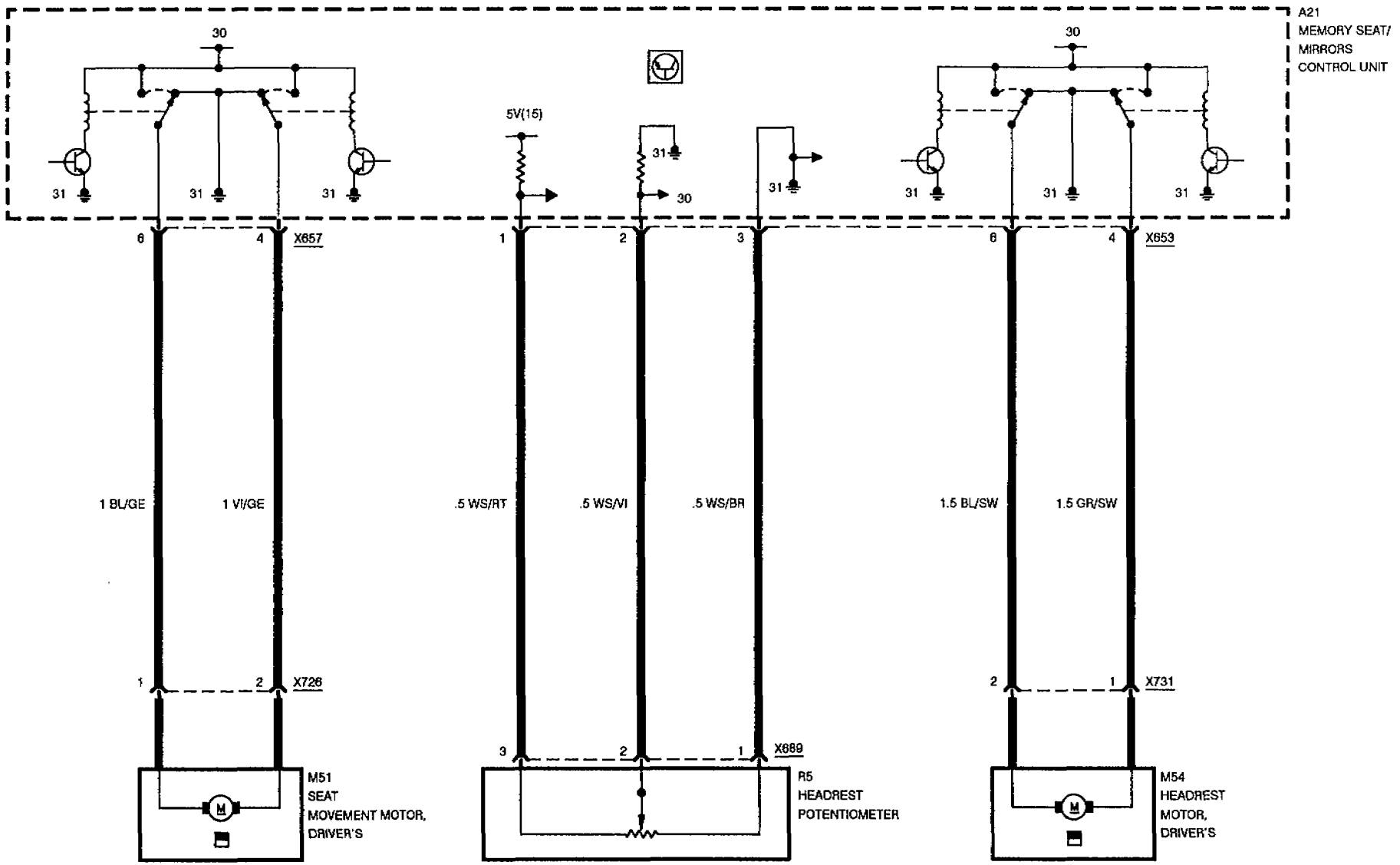
MEMORY SEATS/ MIRRORS (SM/SPM)



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MEMORY SEATS/ MIRRORS (SM/SPM)

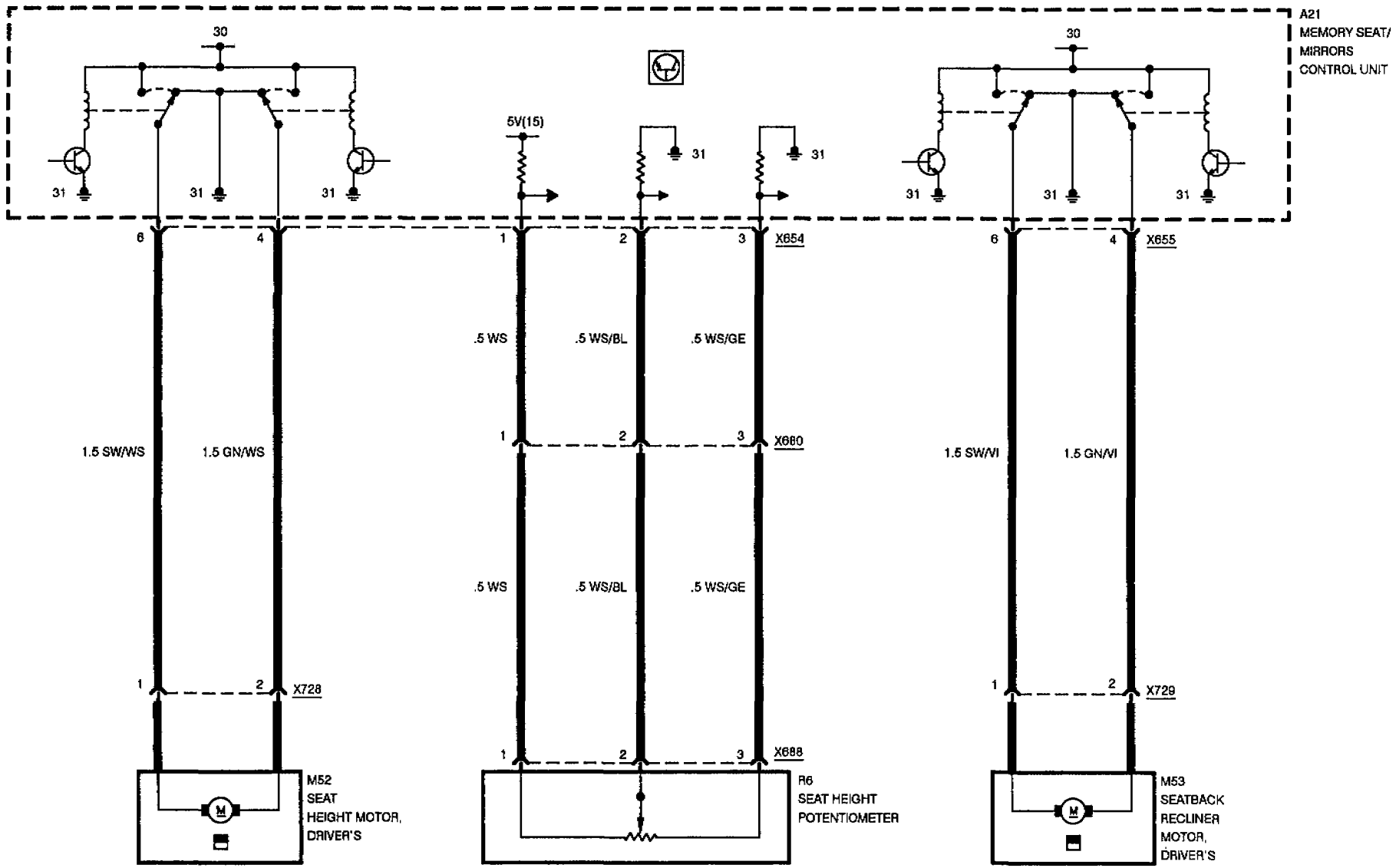
SEAT



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MEMORY SEATS/ MIRRORS (SM/SPM)

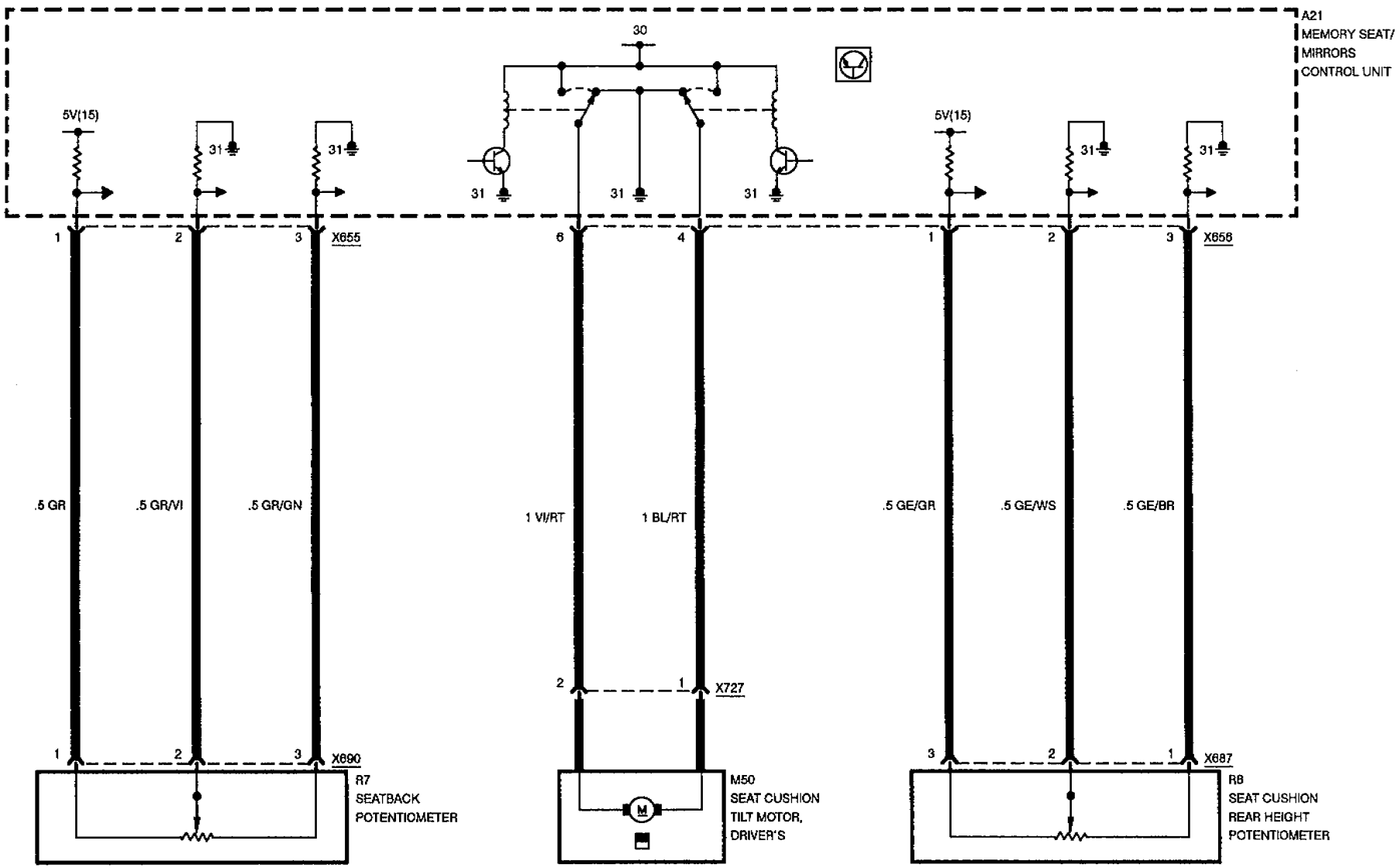
SEAT



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MEMORY SEATS/ MIRRORS (SM/SPM)

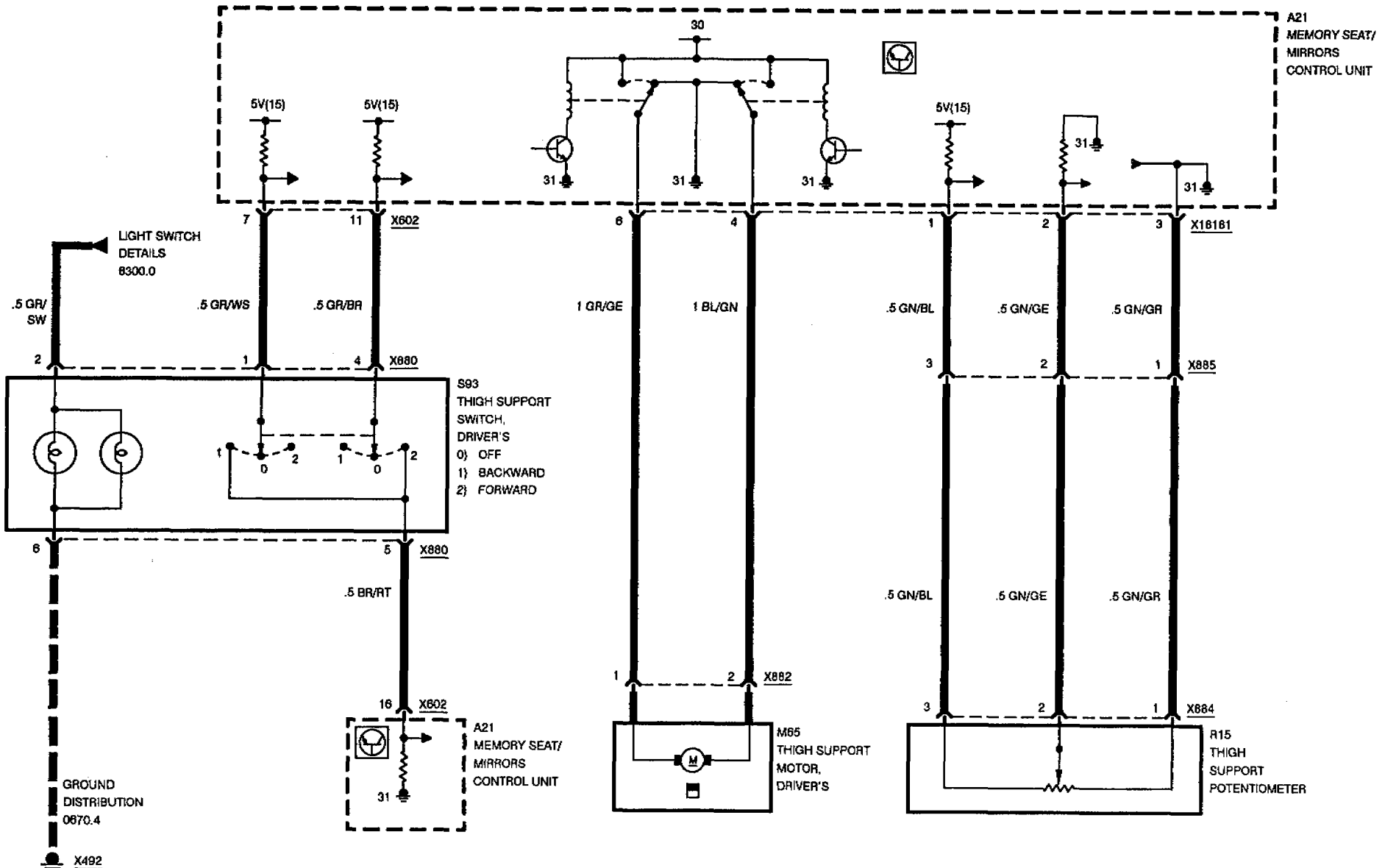
SEAT



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MEMORY SEATS/ MIRRORS (SM/SPM)

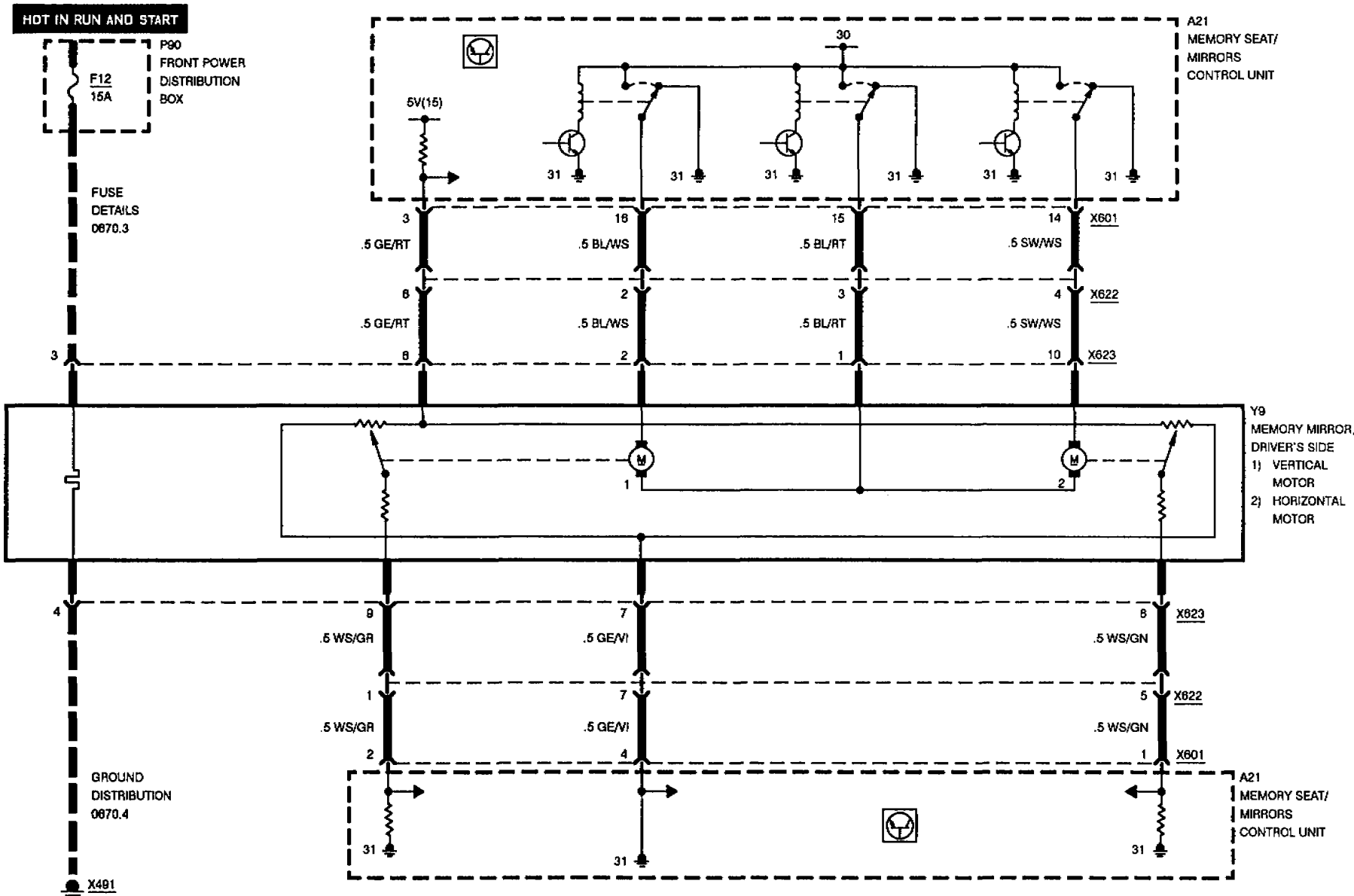
WITH SPORT SEAT



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MEMORY SEATS/ MIRRORS (SM/SPM)

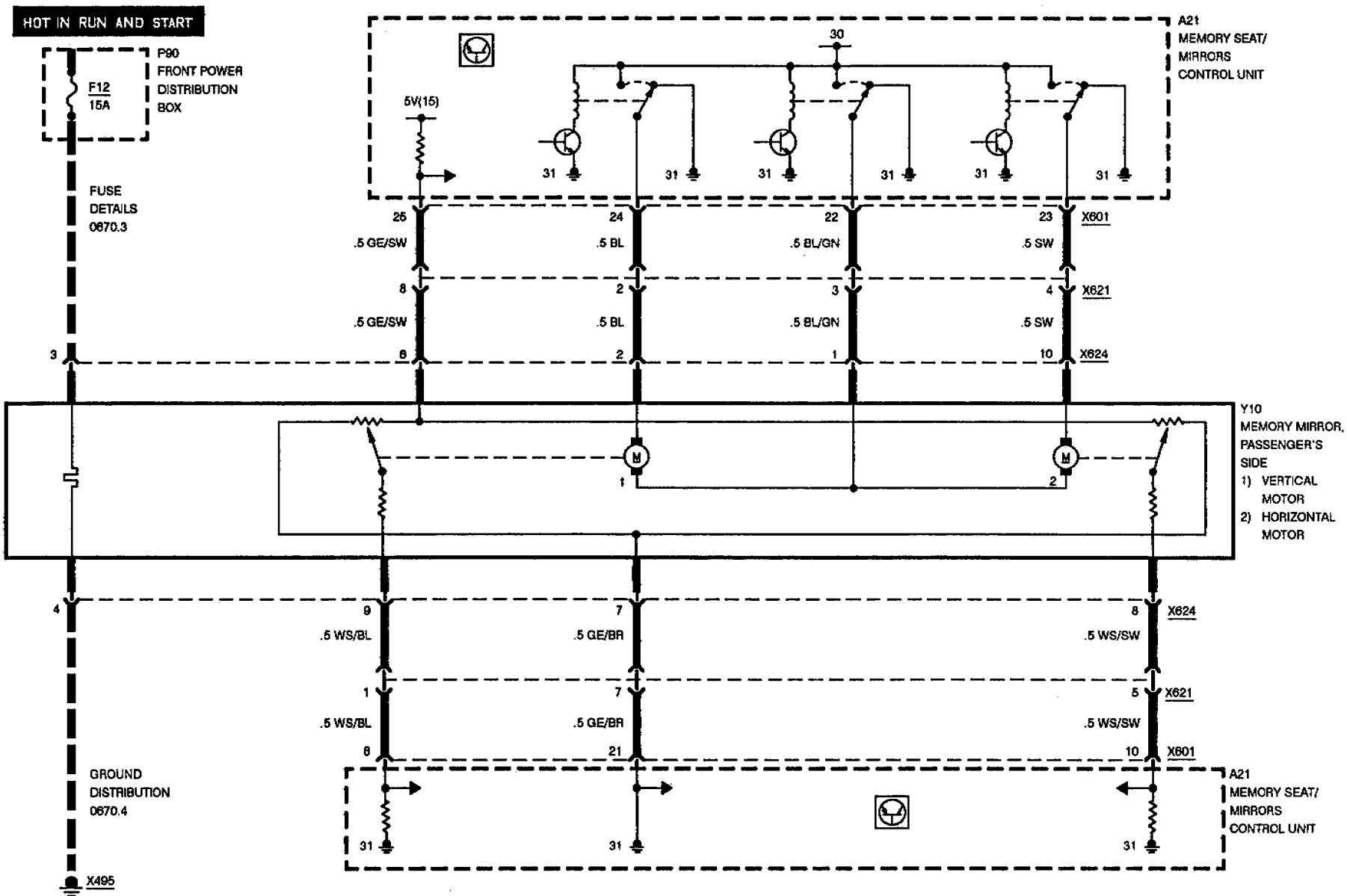
MIRROR



cardiagn.com

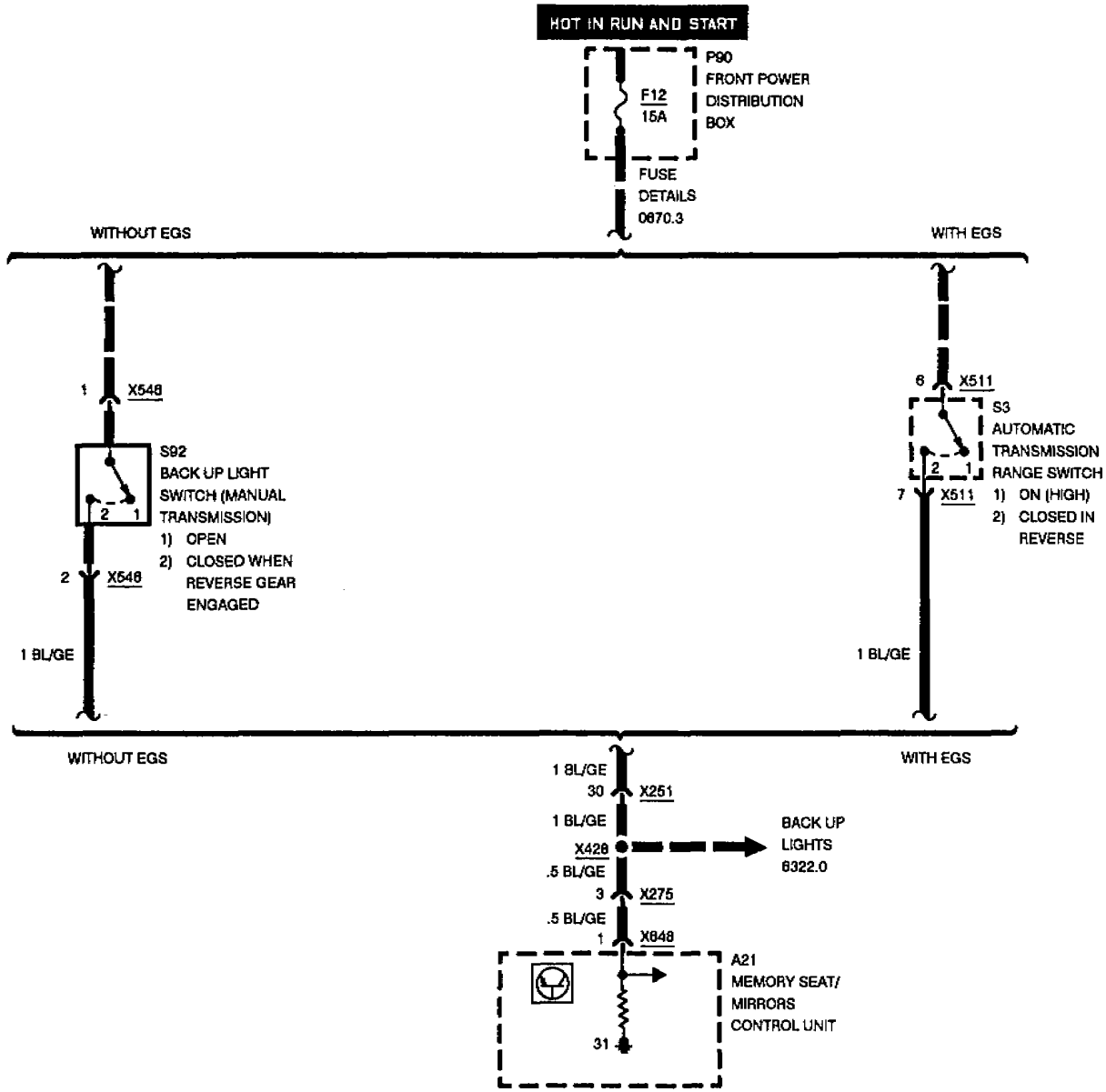
MEMORY SEATS/ MIRRORS (SM/SPM)

MIRROR



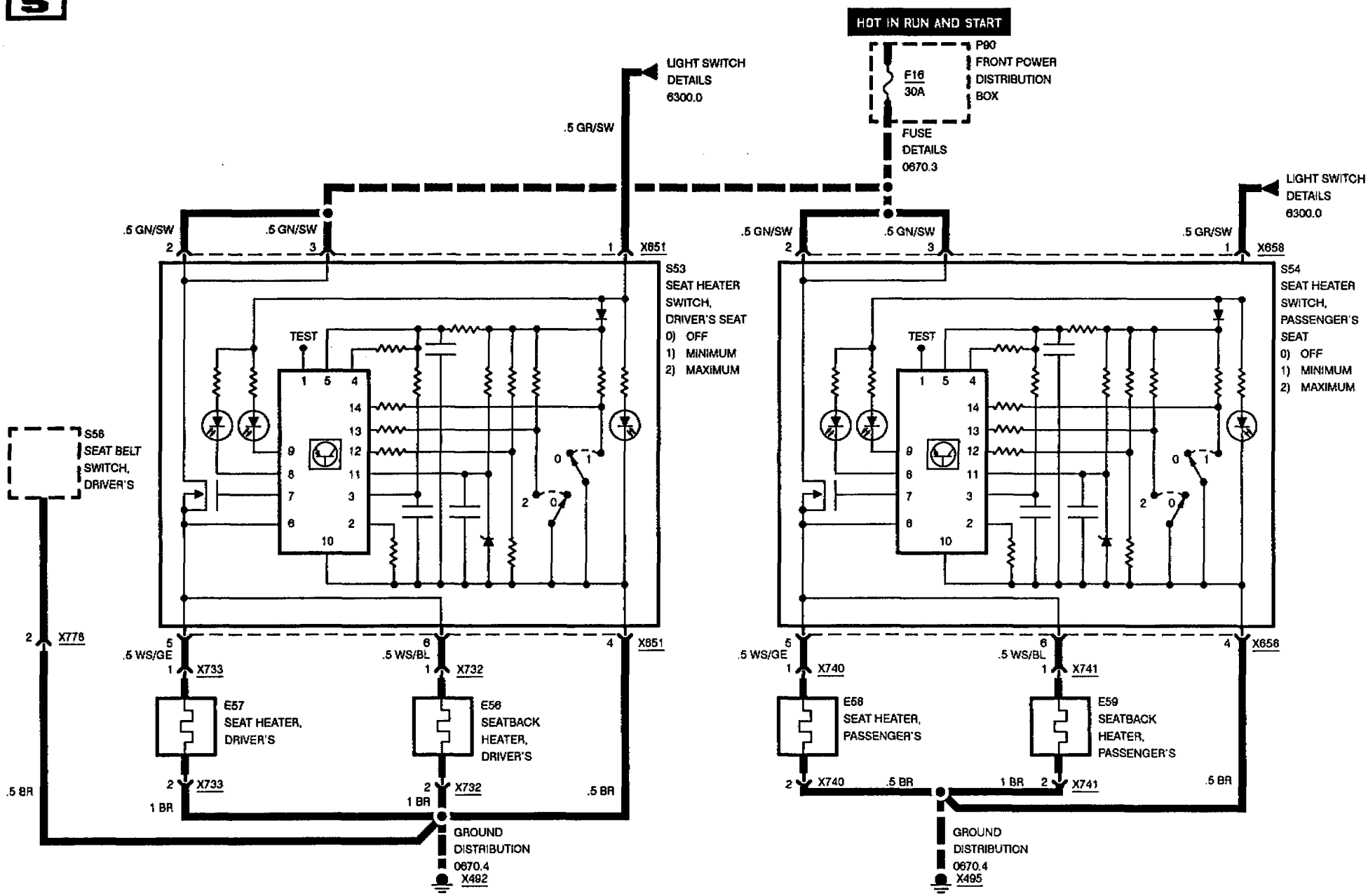
cardiagn.com

MEMORY SEATS/ MIRRORS (SM/SPM)

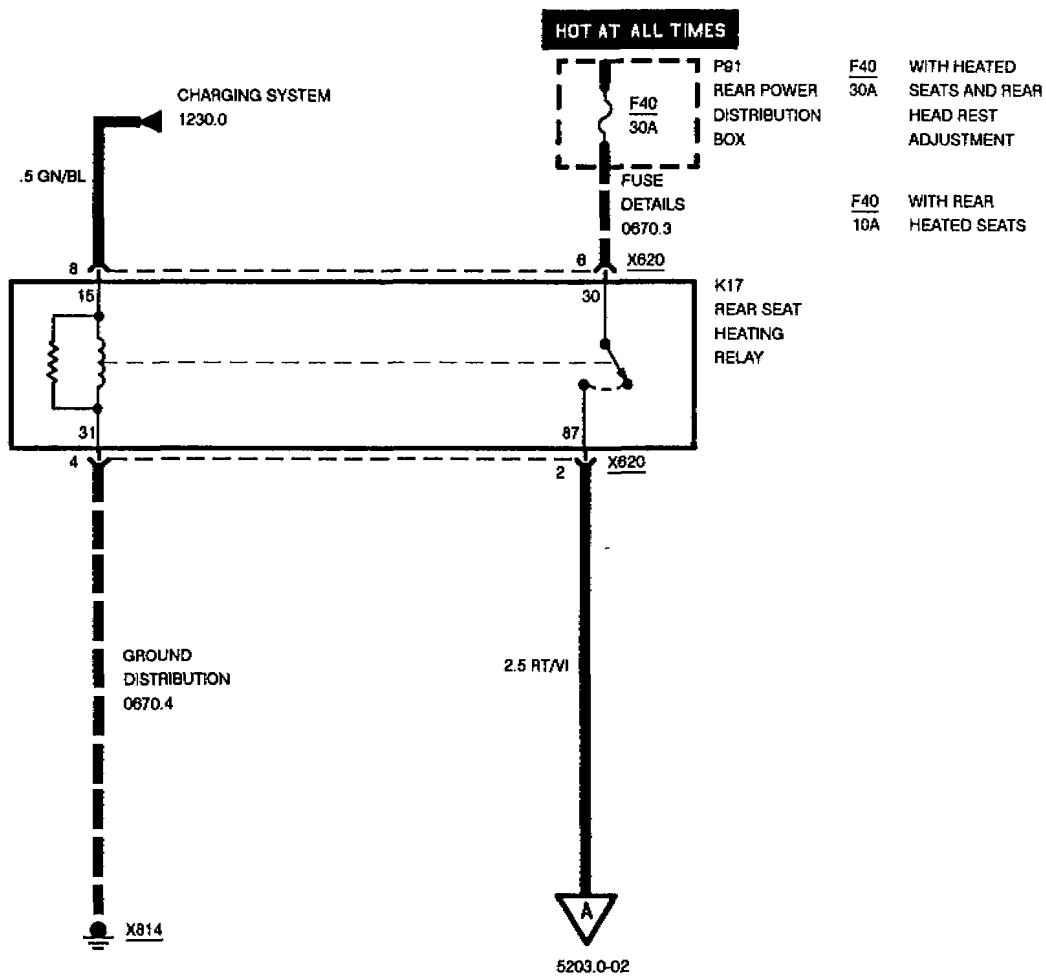


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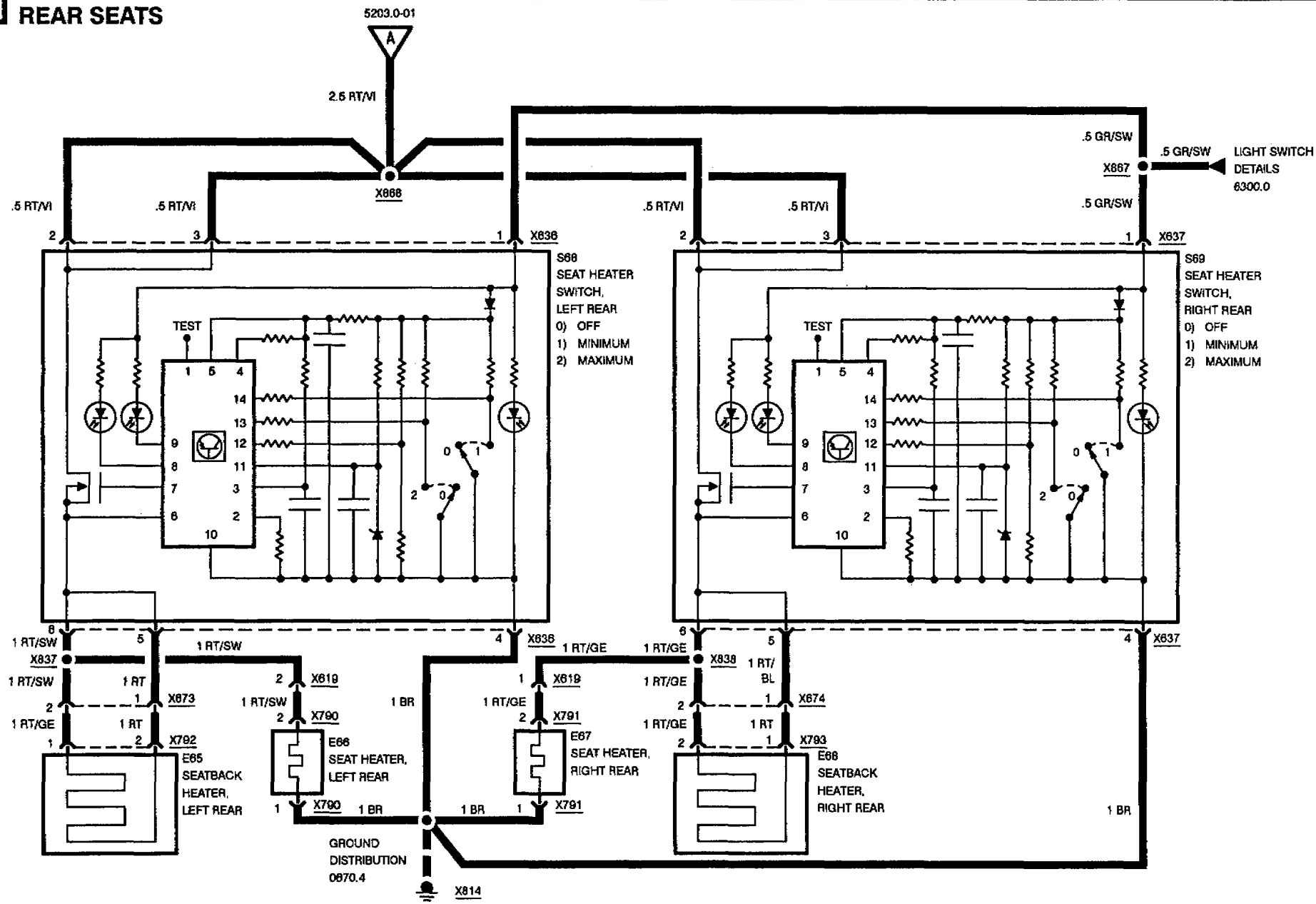
HEATED SEATS



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HOT AT ALL TIMES
P91
REAR POWER
DISTRIBUTION
BOX
F40
30A
FUSE
DETAILS
0670.3
F40 WITH HEATED
30A SEATS AND REAR
HEAD REST
ADJUSTMENT
F40 WITH REAR
10A HEATED SEATS
CHARGING SYSTEM
1230.0
.5 GN/BL
8
6
X620
15
30
K17
REAR SEAT
HEATING
RELAY
31
87
4
2
X620
GROUND
DISTRIBUTION
0670.4
2.5 RT/VI
X814
A
5203.0-02

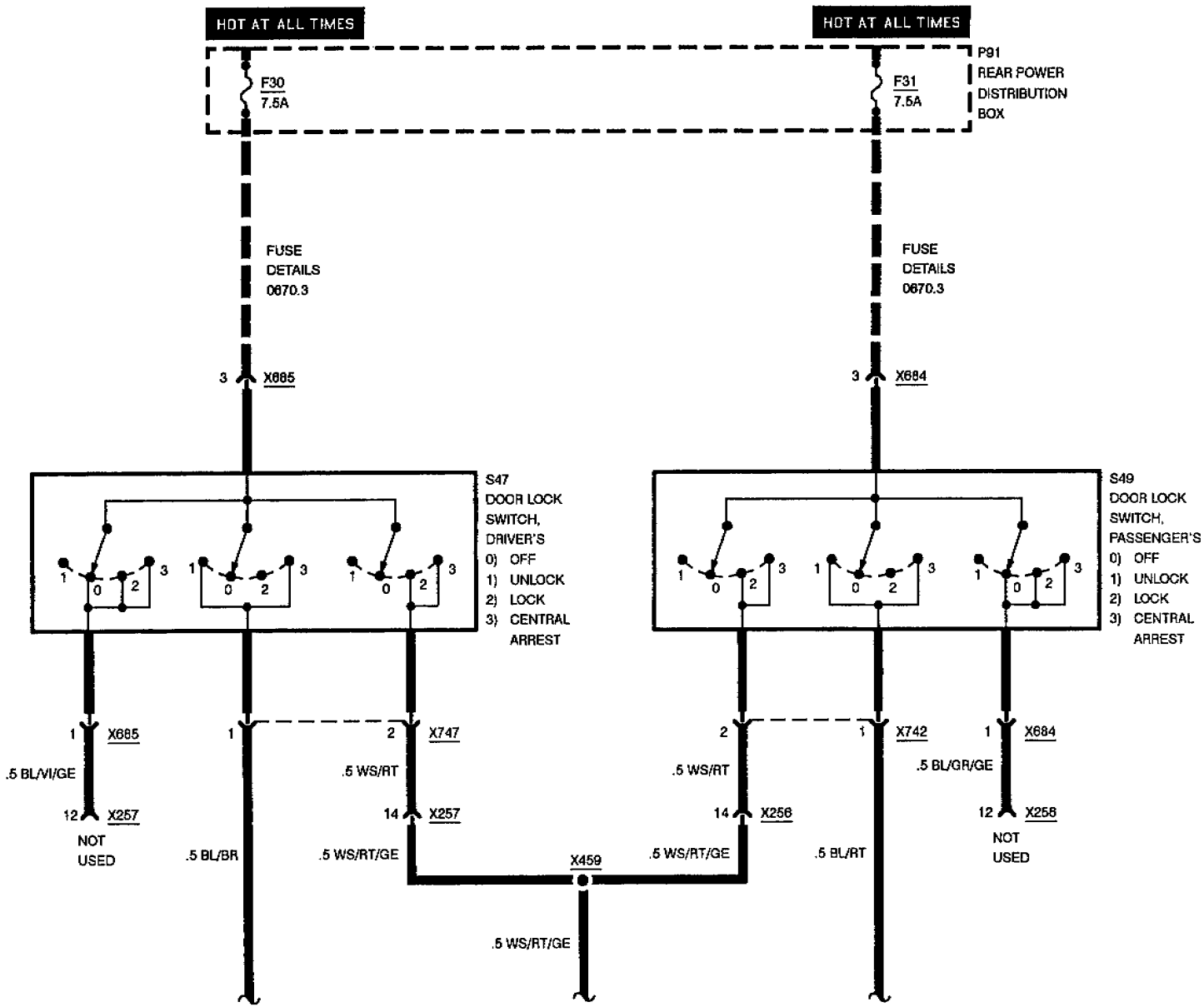
carplan.com



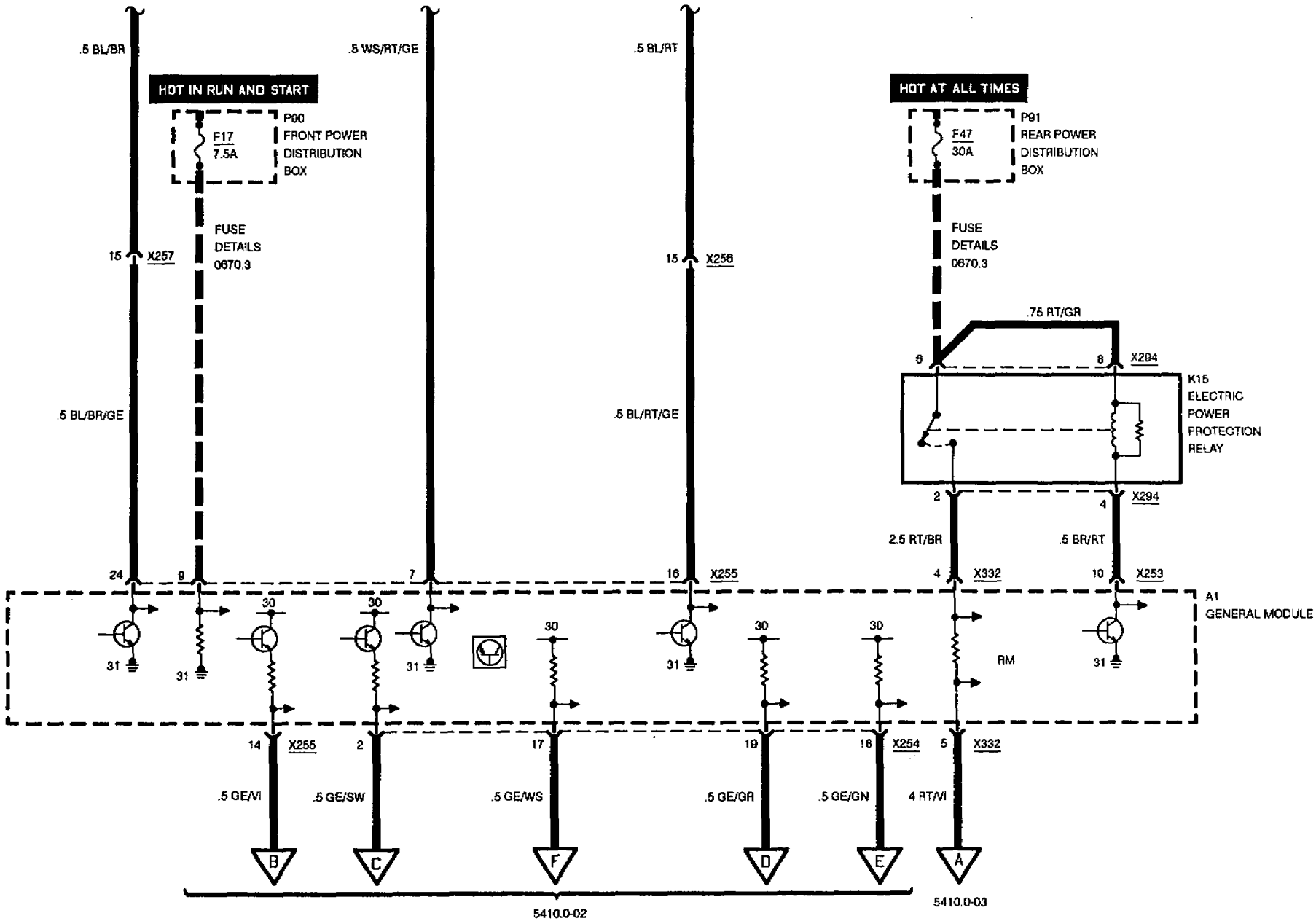
cardiagn.com

ZKE SUNROOF (SHD)

INPUT DETAILS



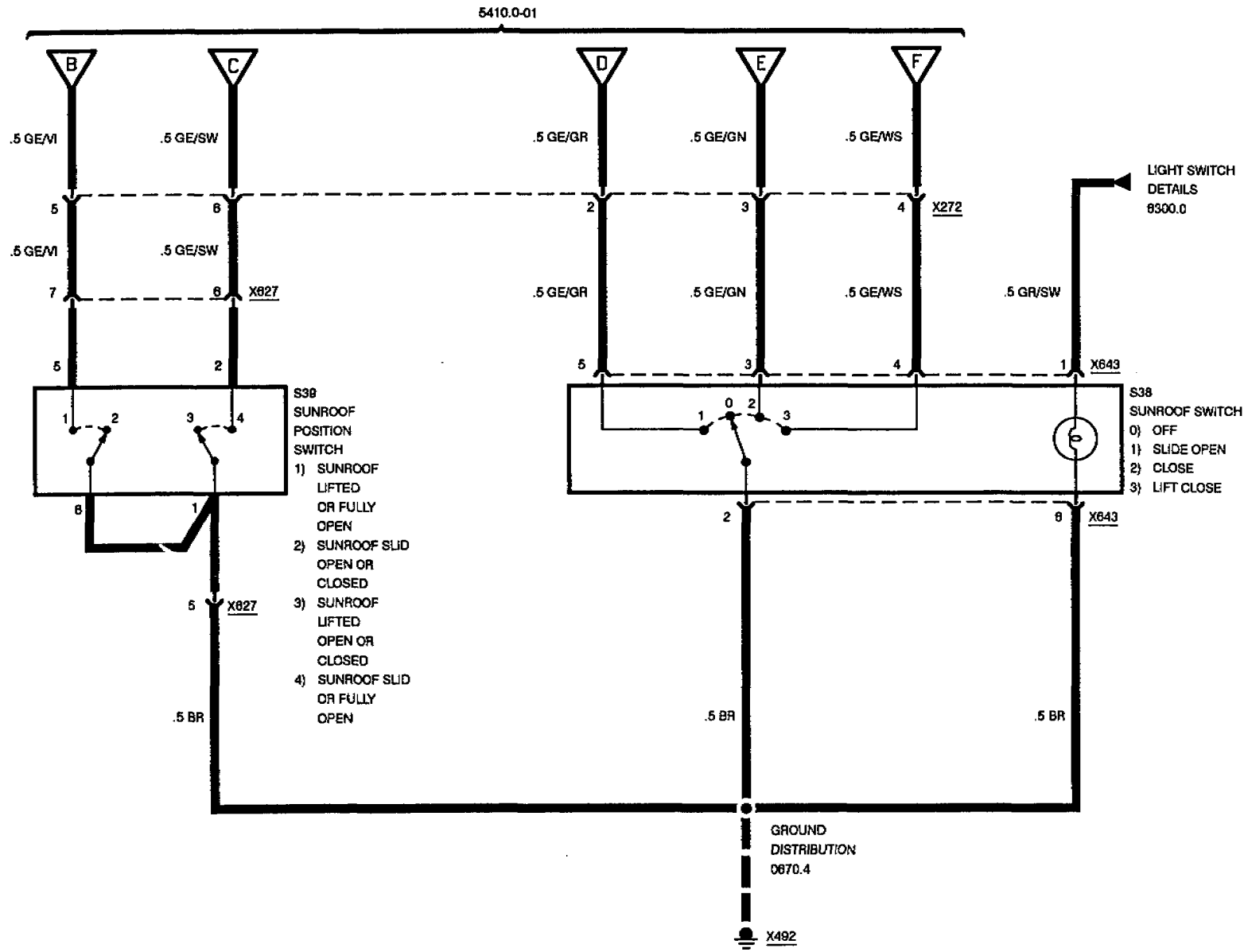
cardiagn.com



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ZKE SUNROOF (SHD)

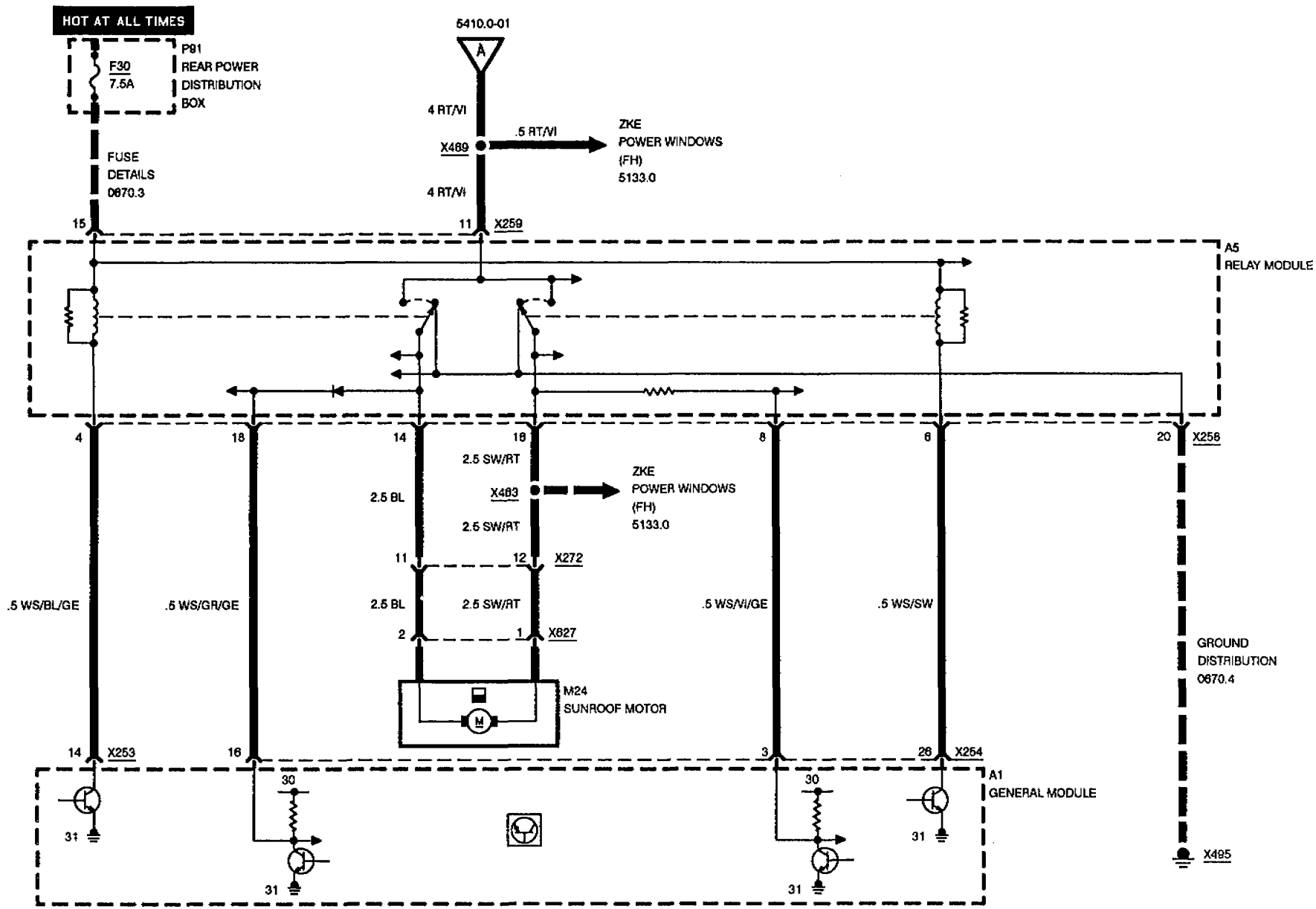
INPUT DETAILS



cardiagn.com

ZKE SUNROOF (SHD)

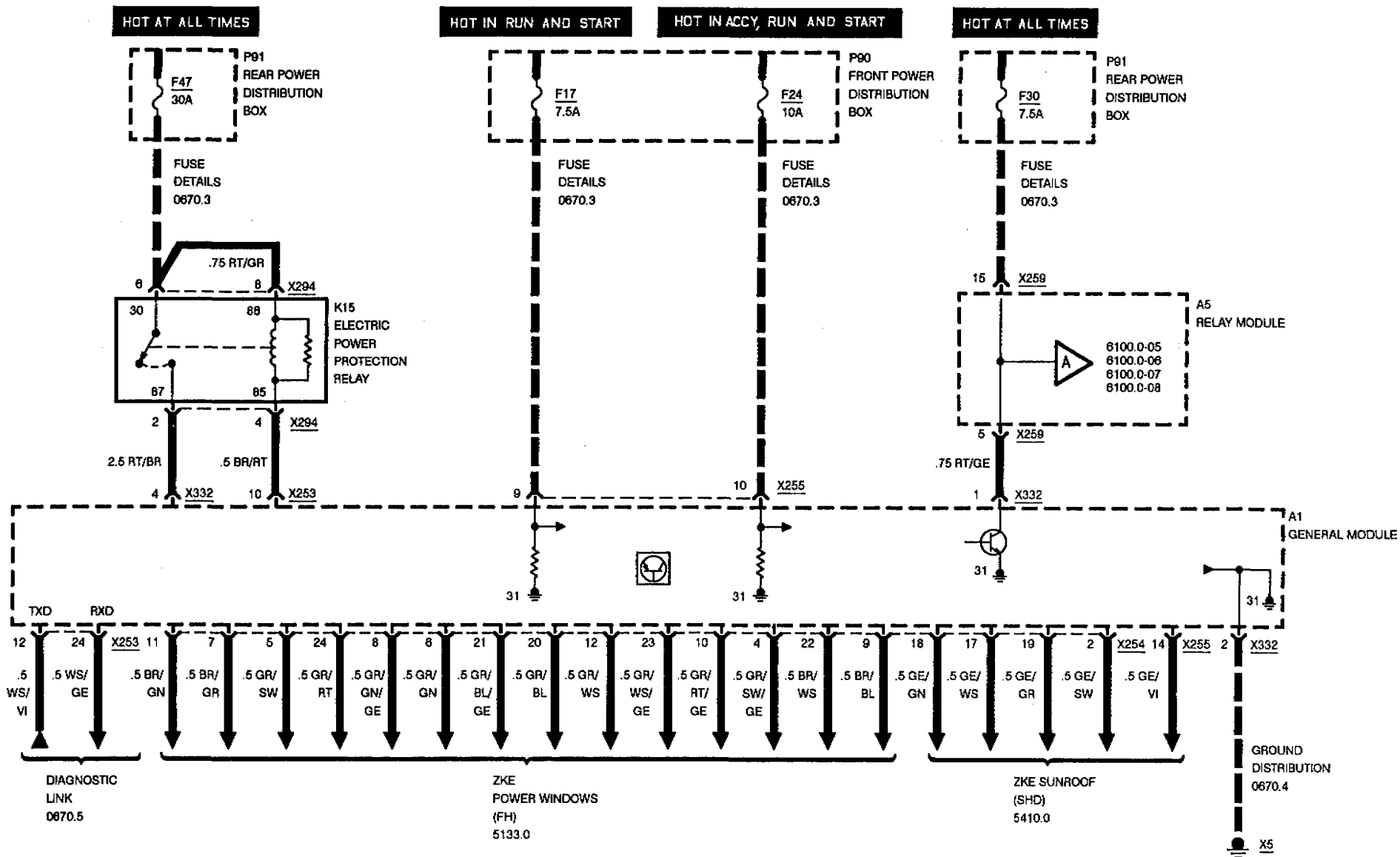
OUTPUT DETAILS



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CENTRAL BODY ELECTRONICS (ZKE)

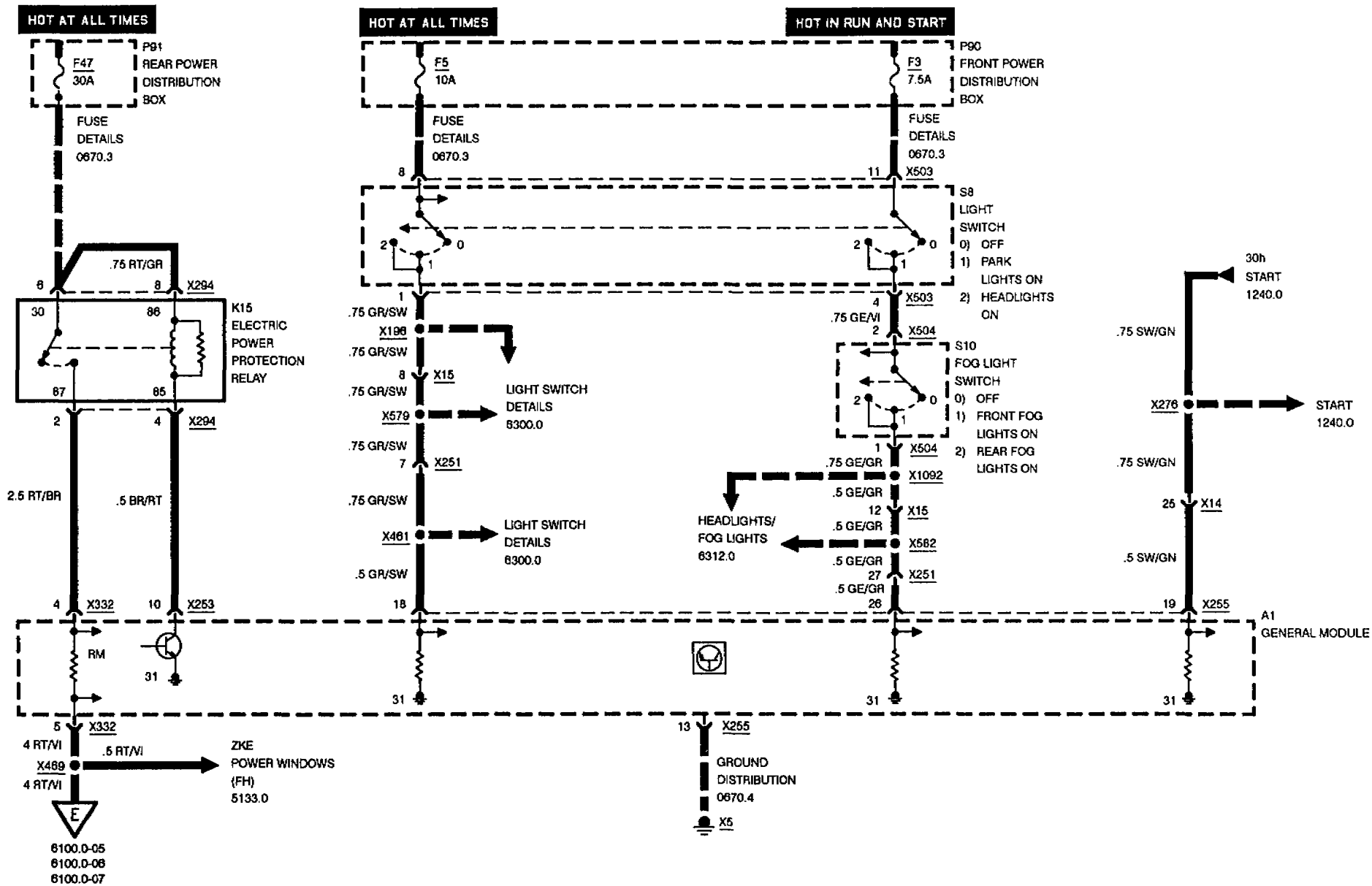
GENERAL MODULE



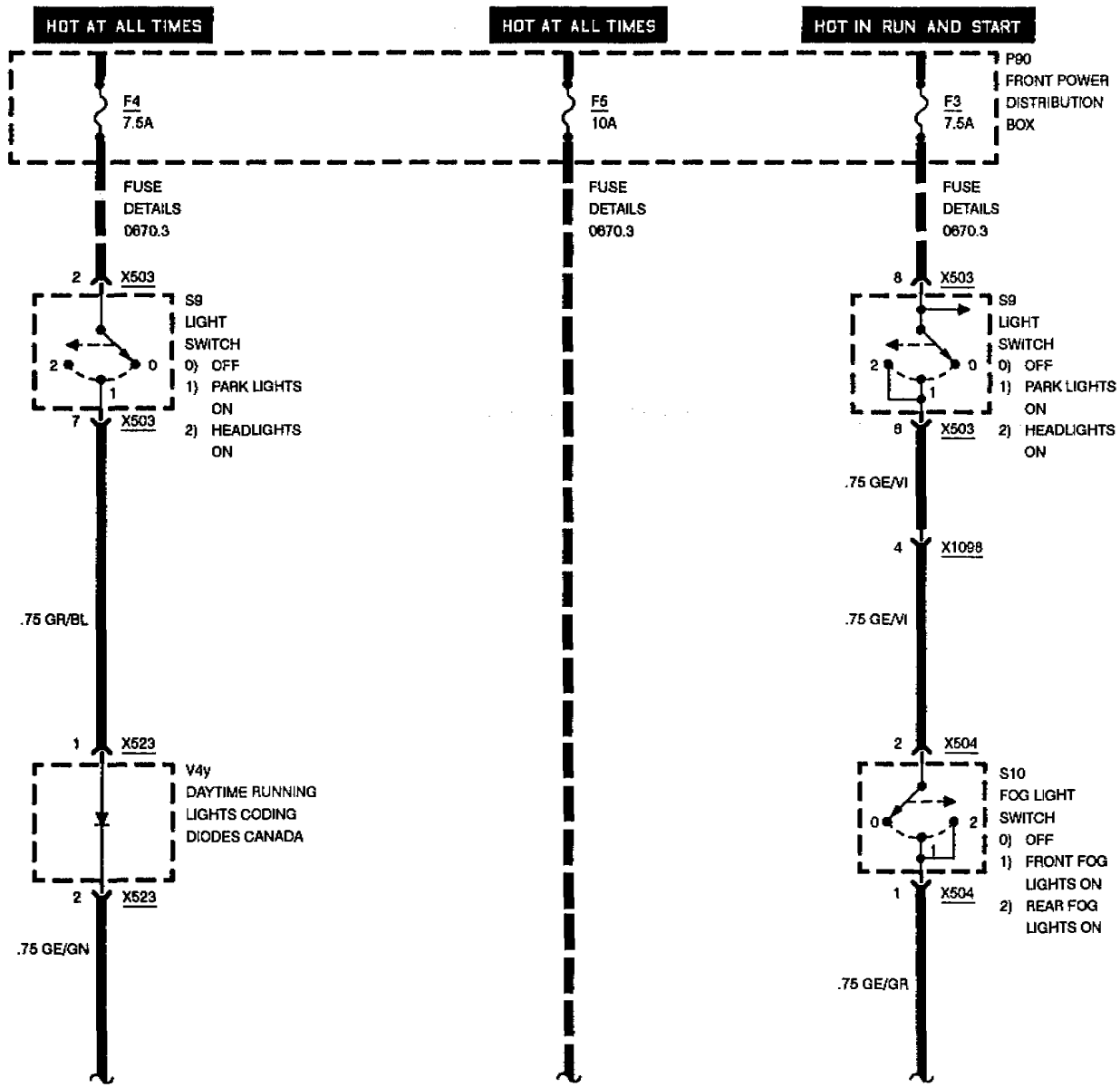
cardiagn.com

CENTRAL BODY ELECTRONICS (ZKE)

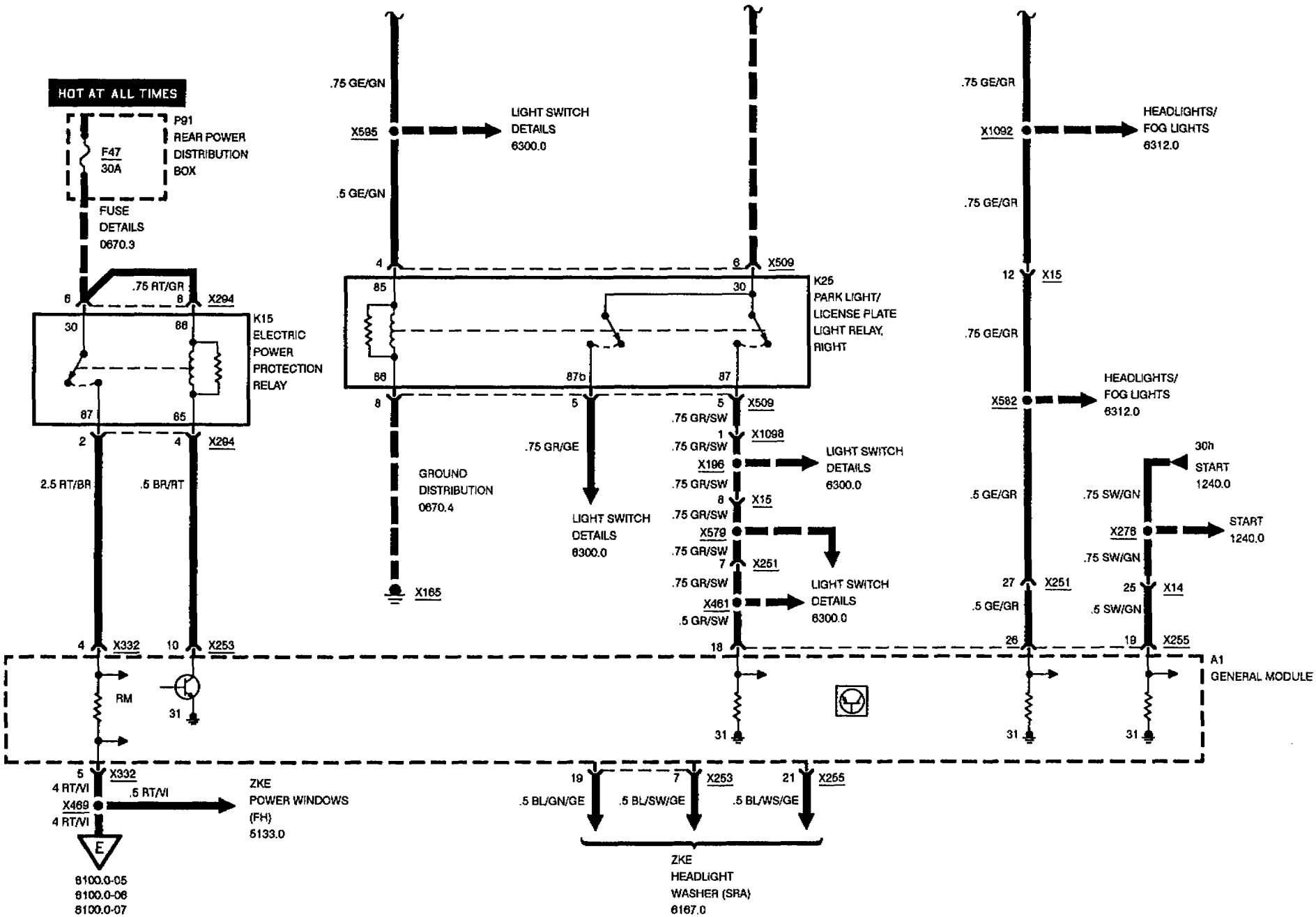
GENERAL MODULE



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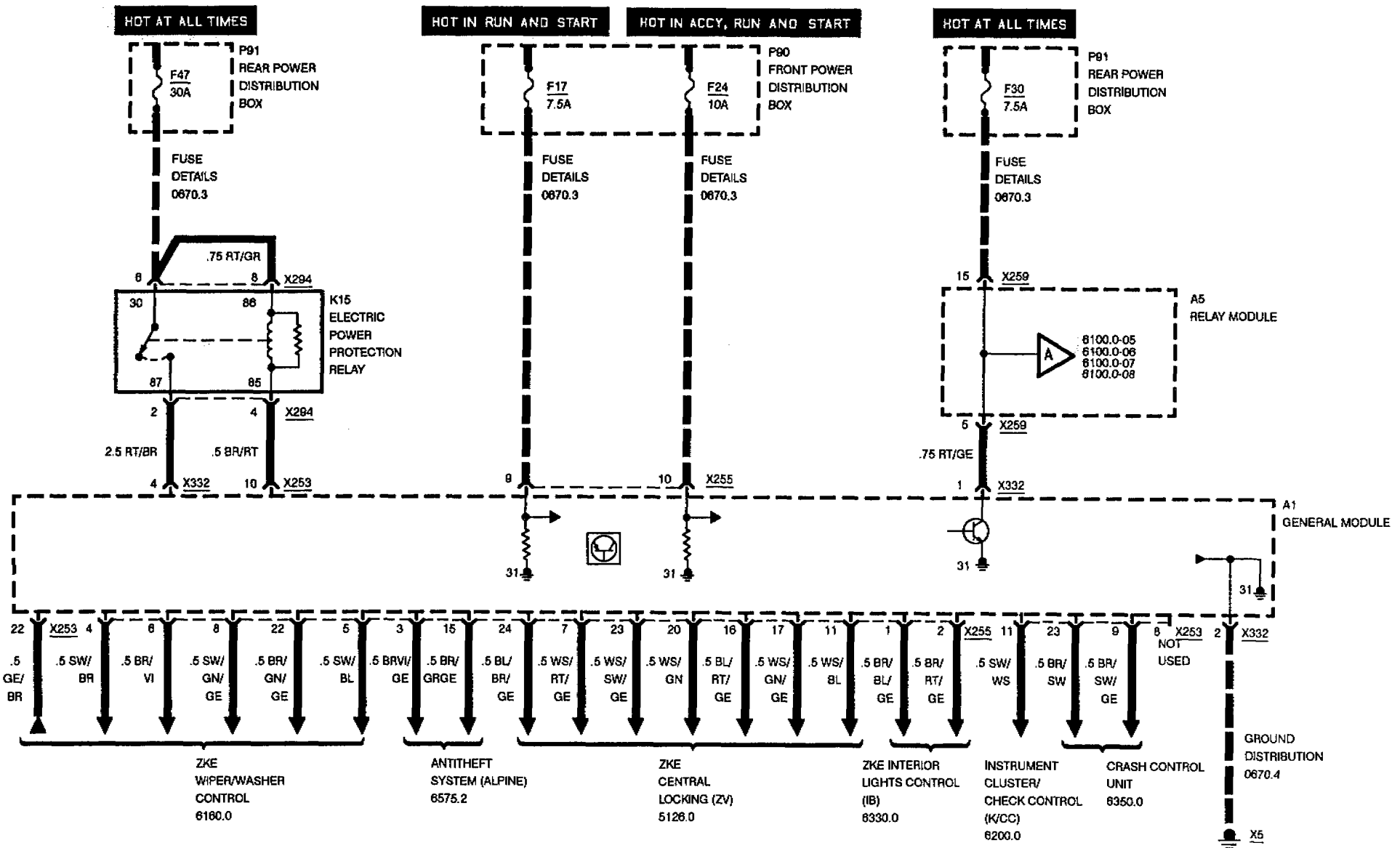
cardiagn.com



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CENTRAL BODY ELECTRONICS (ZKE)

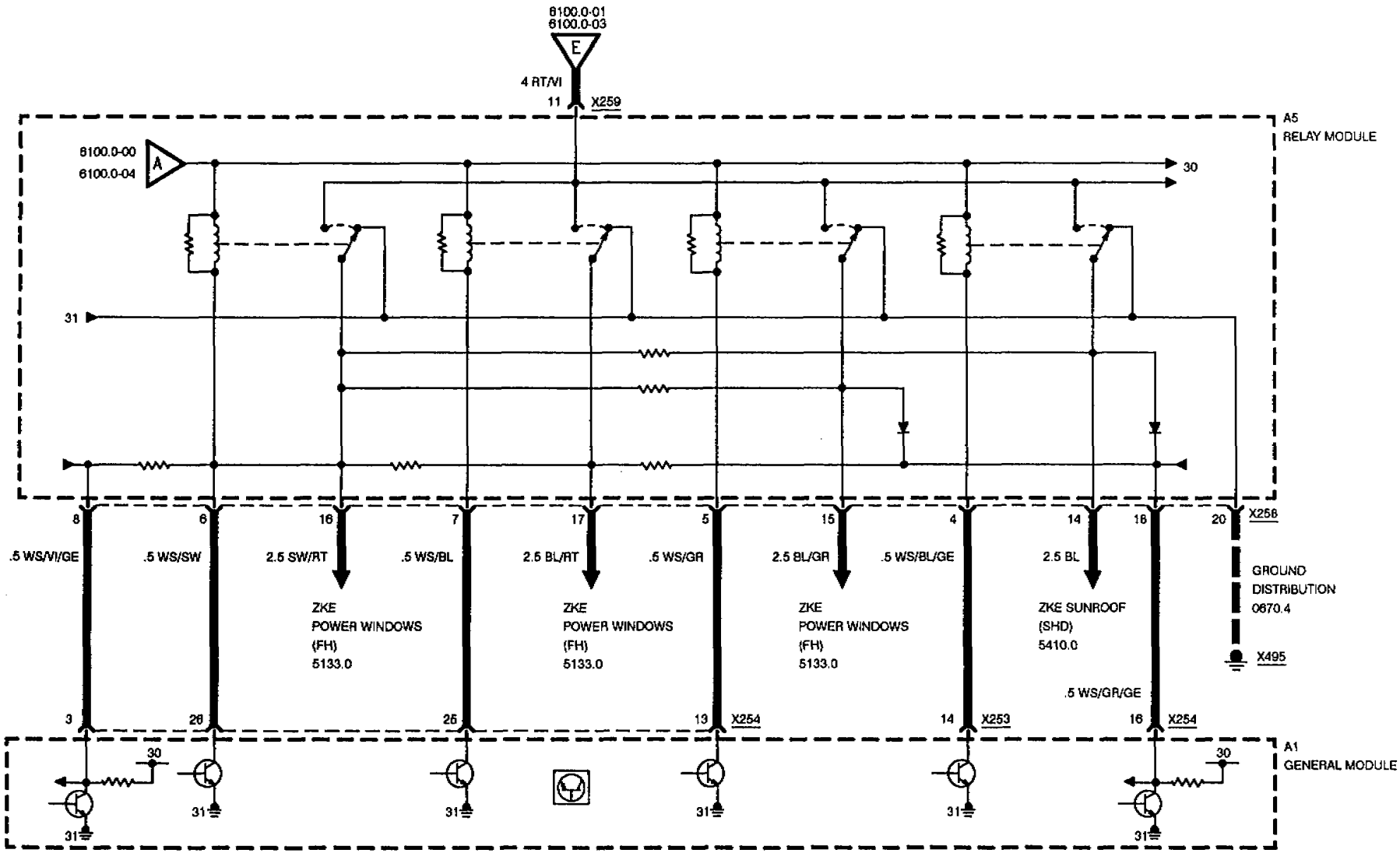
GENERAL MODULE



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CENTRAL BODY ELECTRONICS (ZKE)

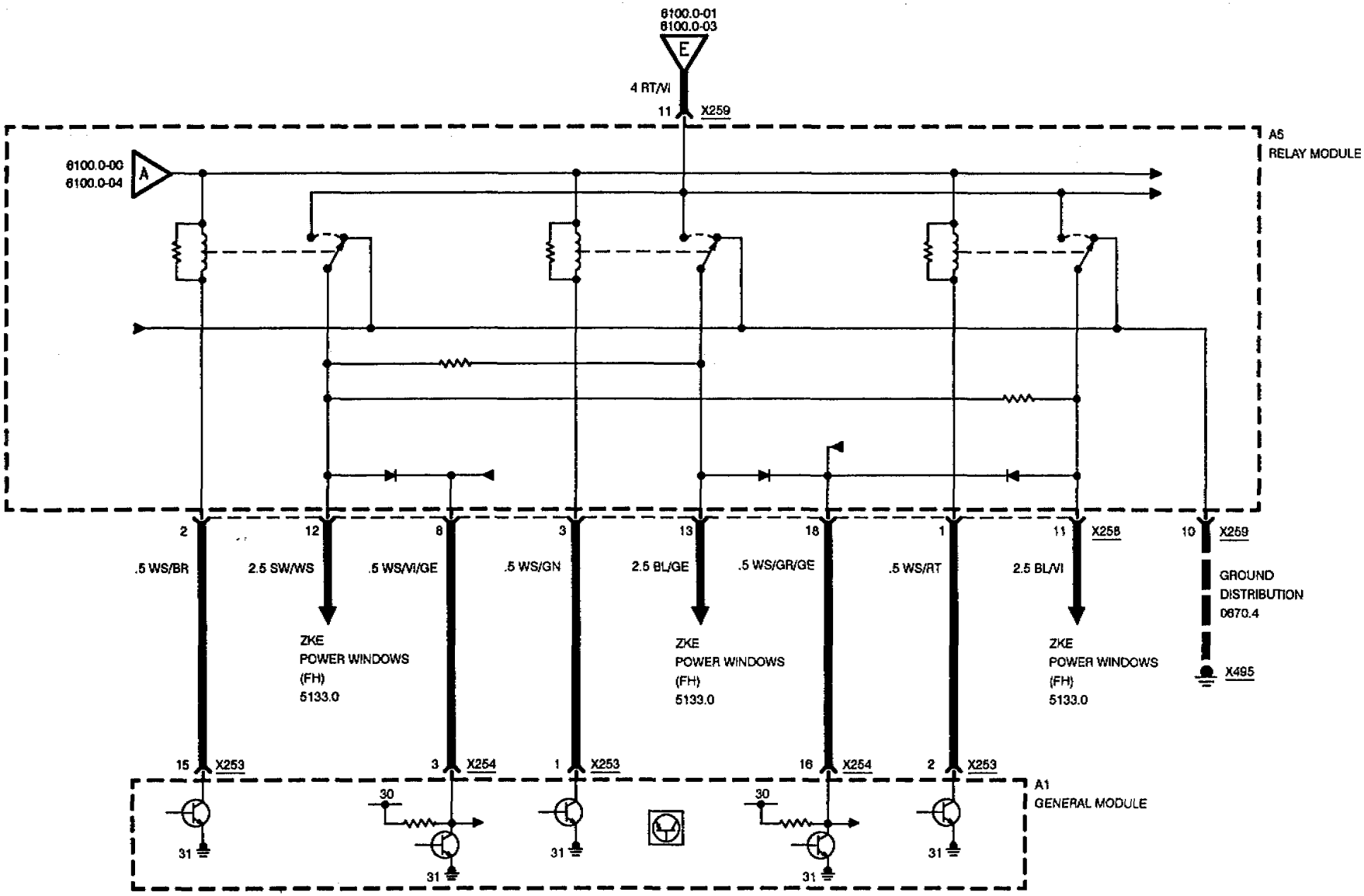
RELAY MODULE



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CENTRAL BODY ELECTRONICS (ZKE)

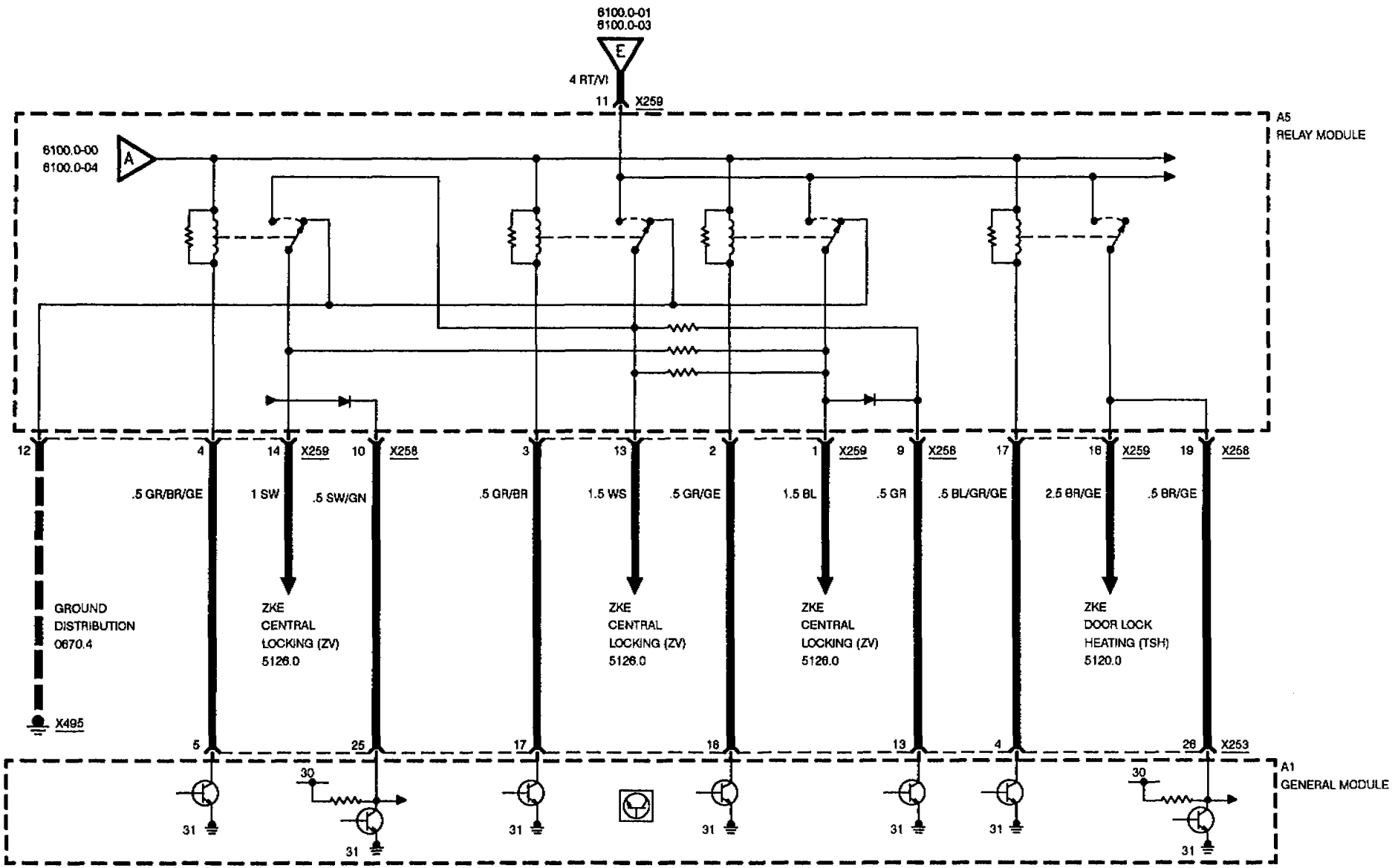
RELAY MODULE



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CENTRAL BODY ELECTRONICS (ZKE)

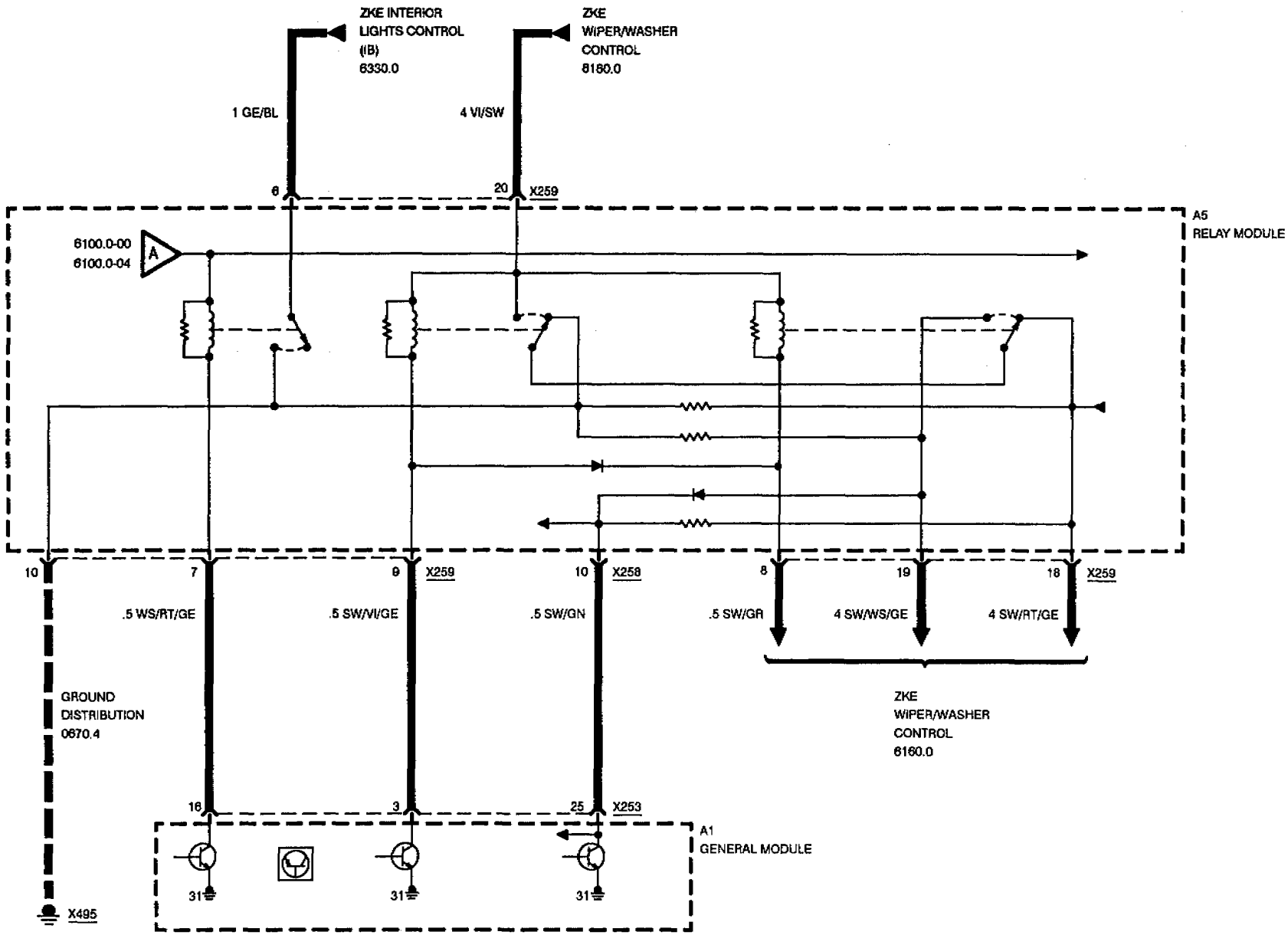
RELAY MODULE



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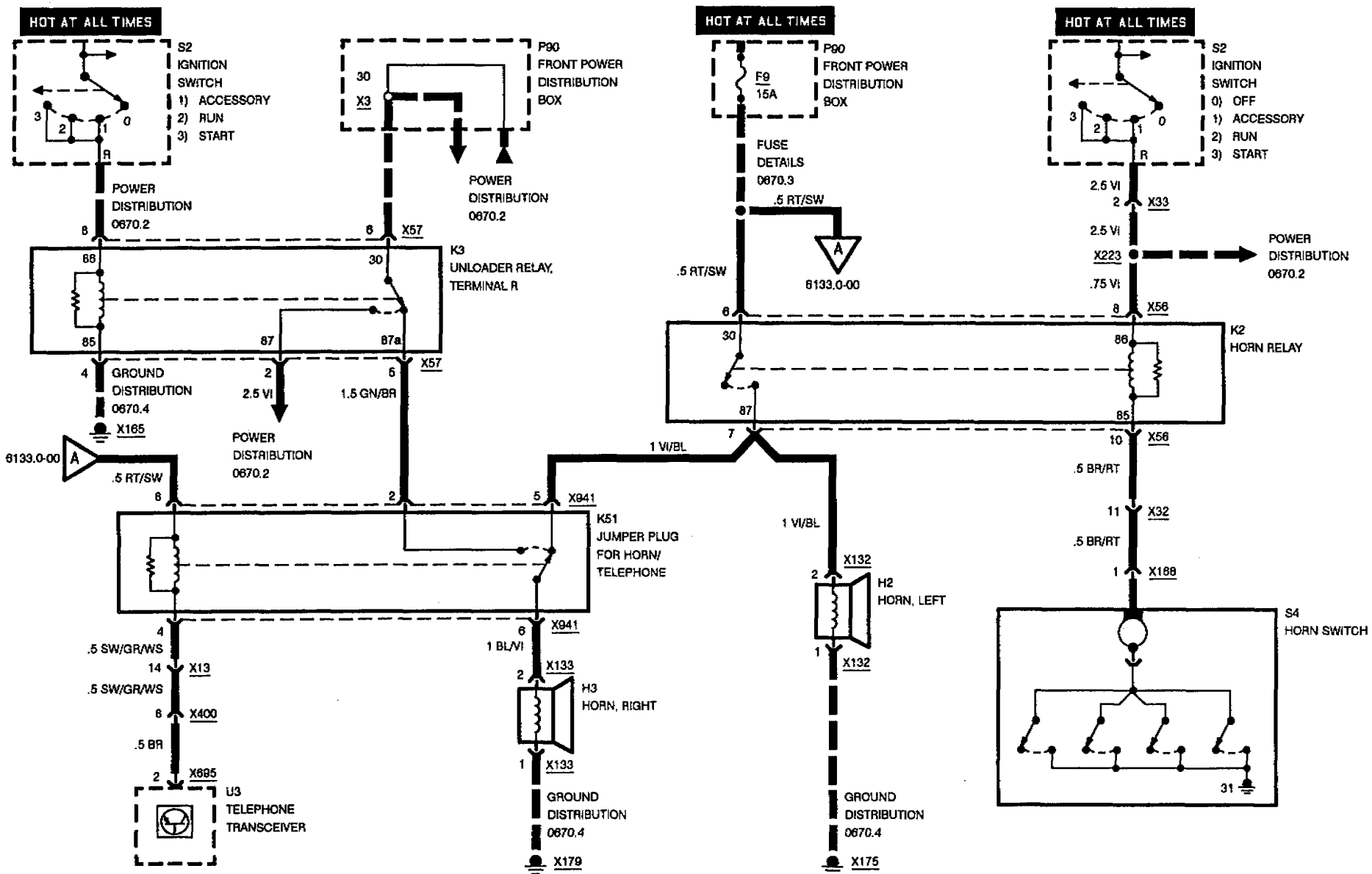
CENTRAL BODY ELECTRONICS (ZKE)

RELAY MODULE



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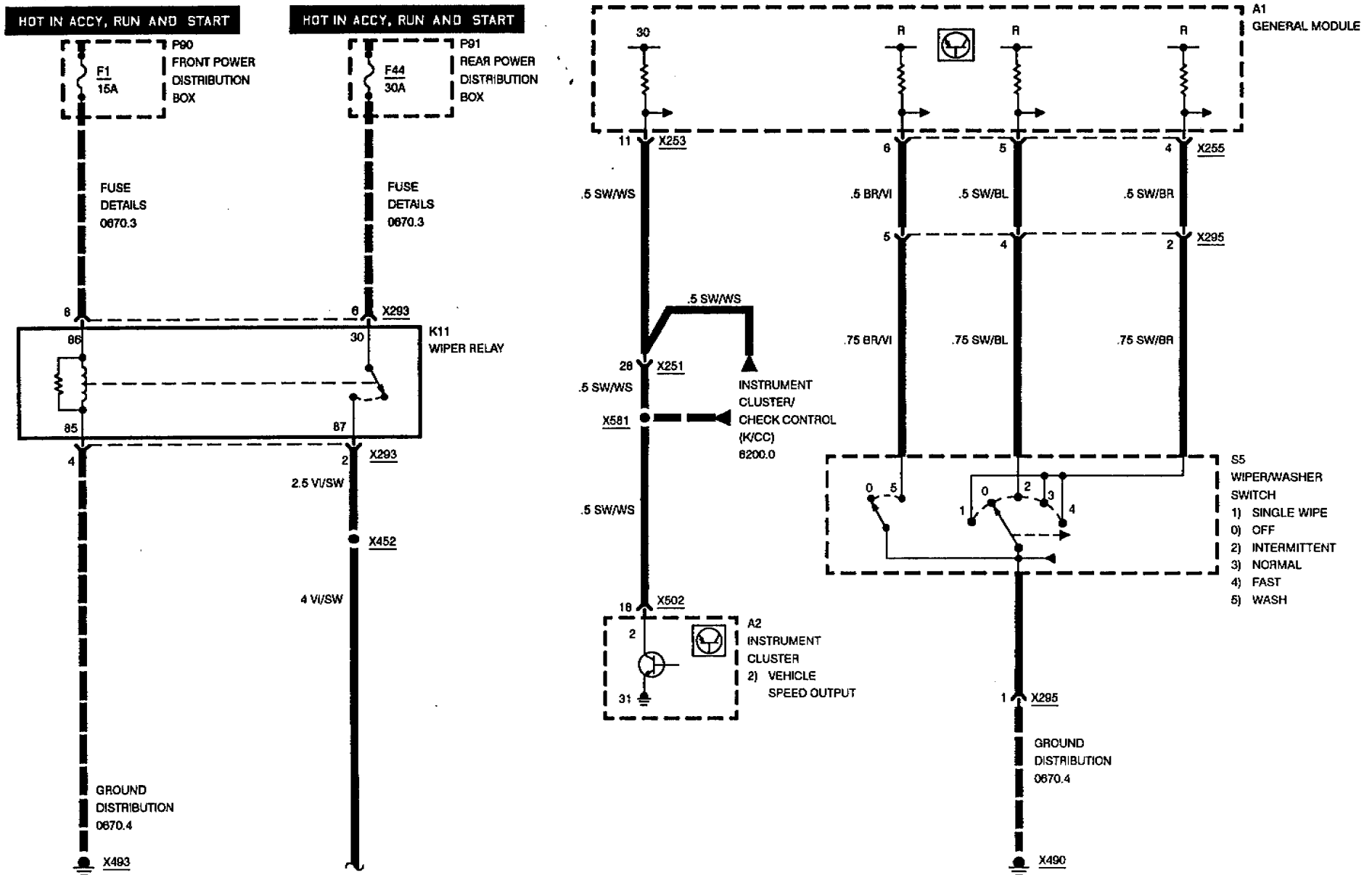
HORN



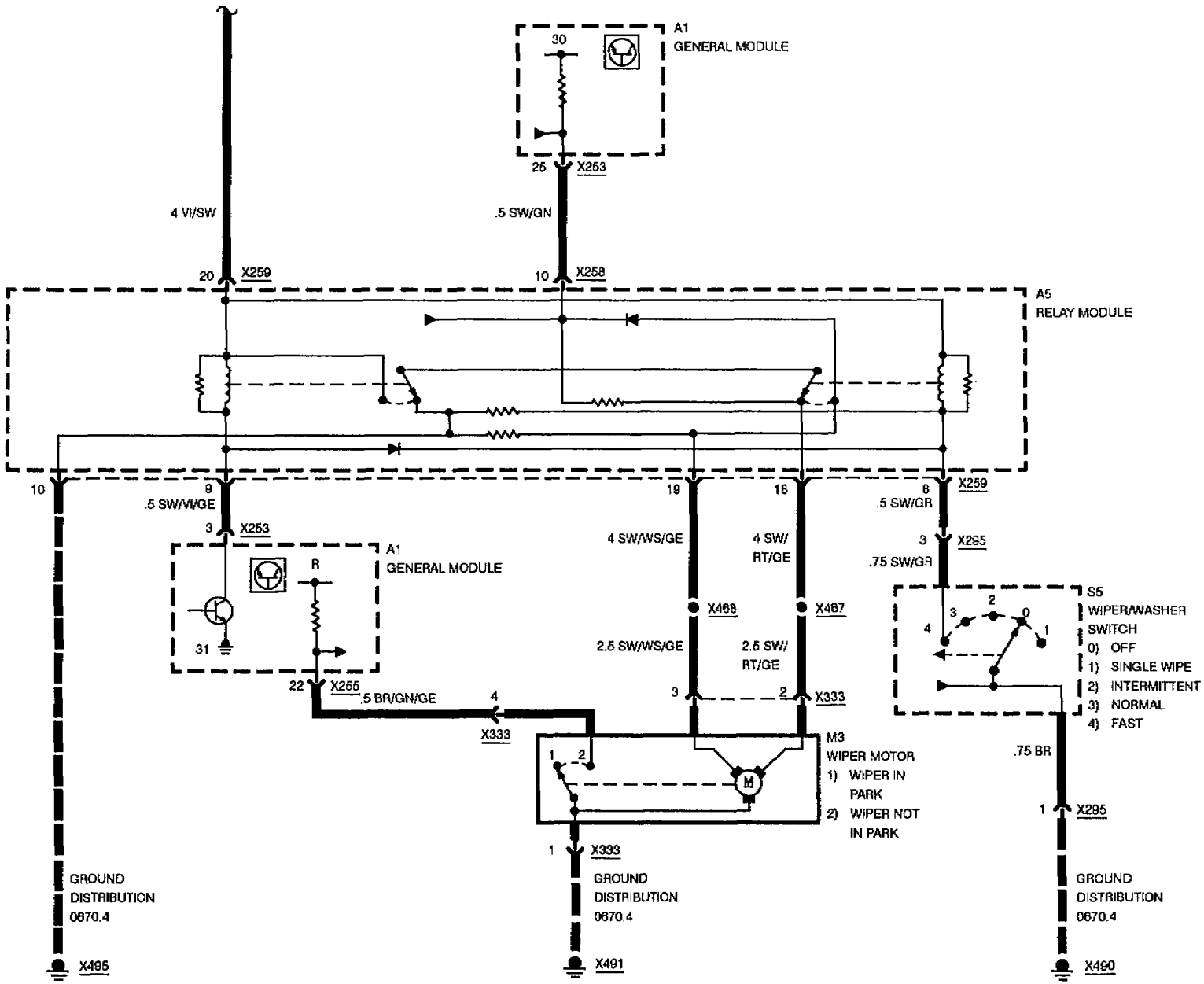
cardiagn.com

ZKE WIPER/WASHER CONTROL

INPUT DETAILS

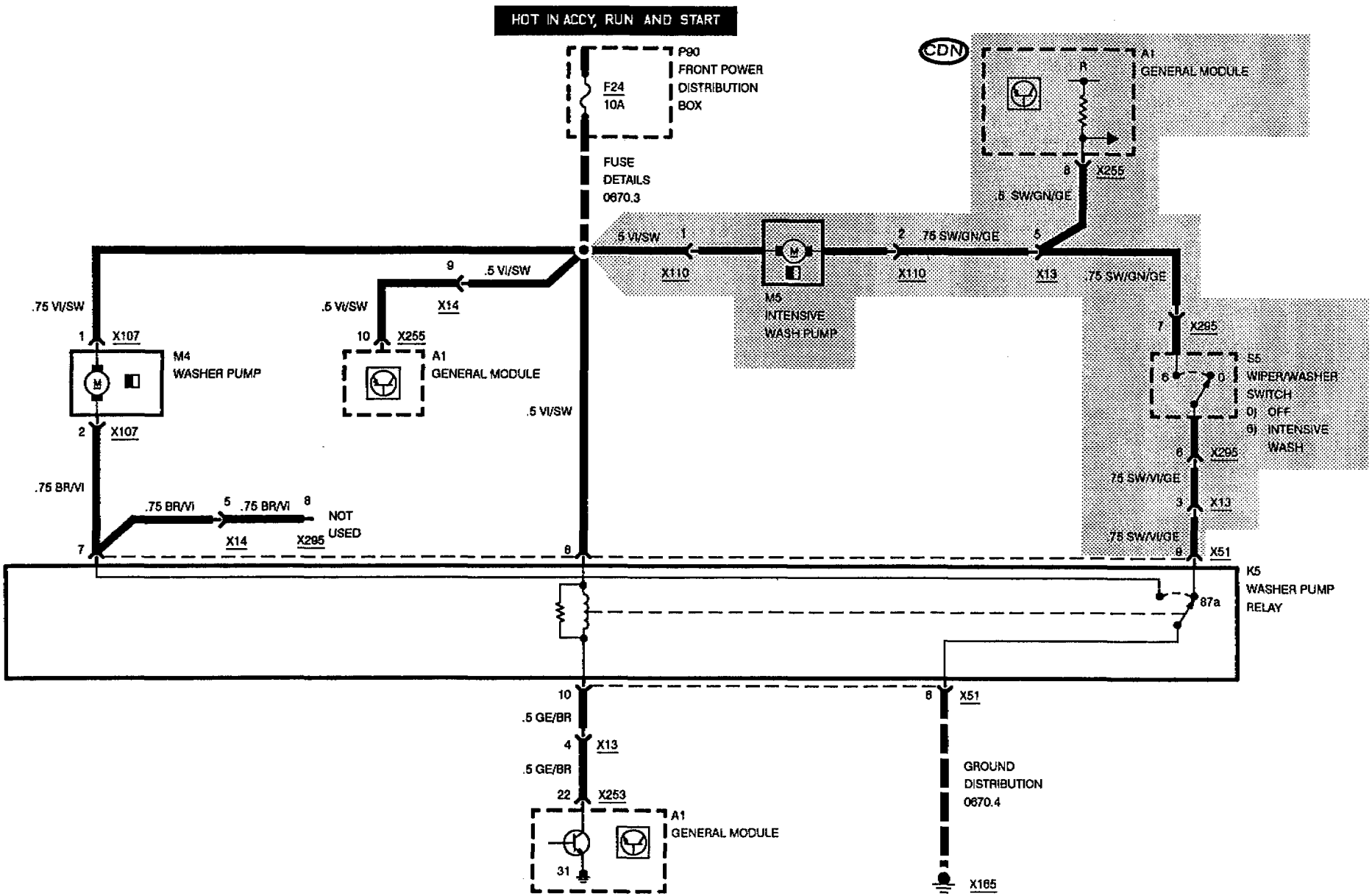


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ZKE WIPER/WASHER CONTROL

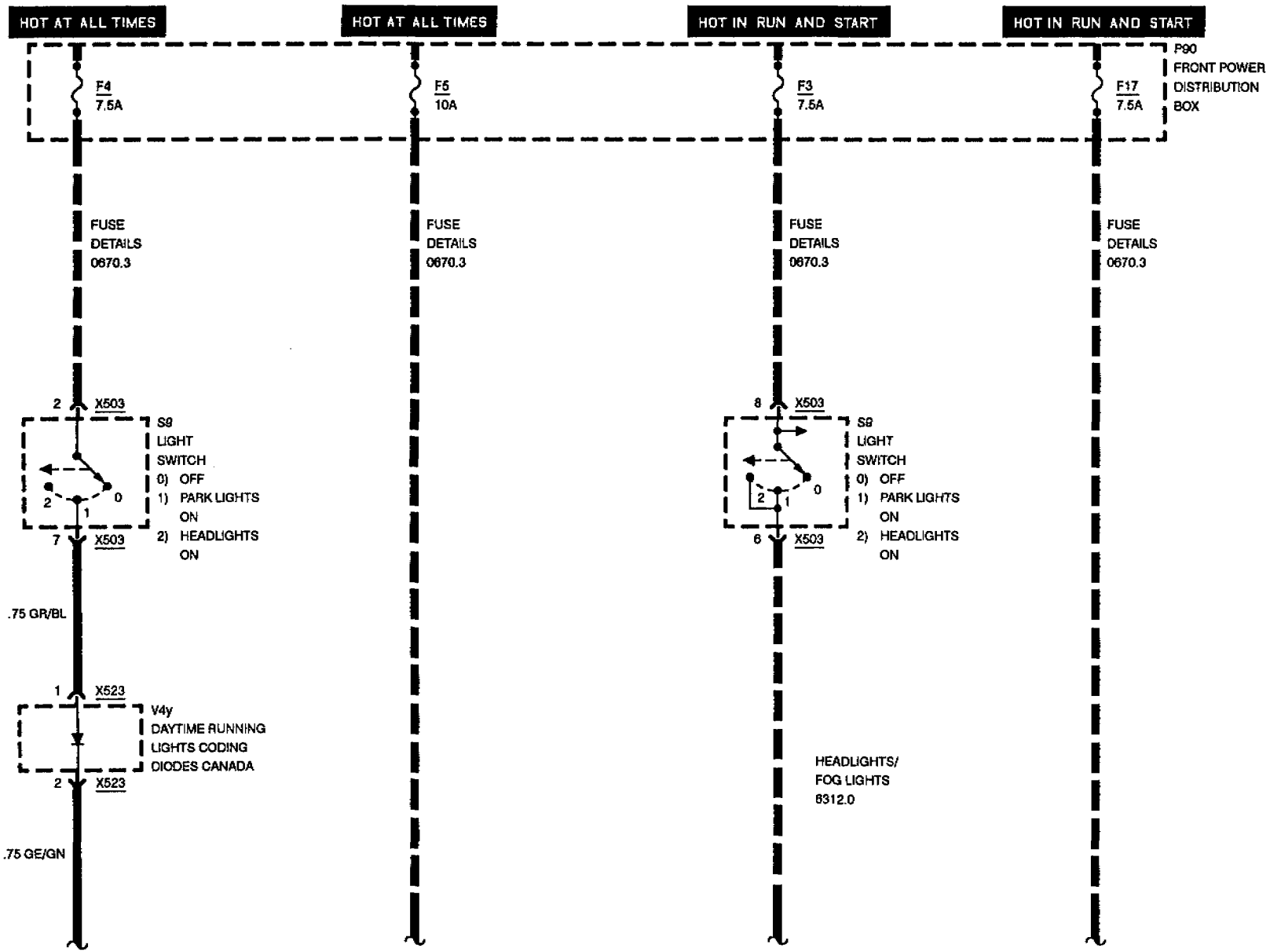


cardiagn.com

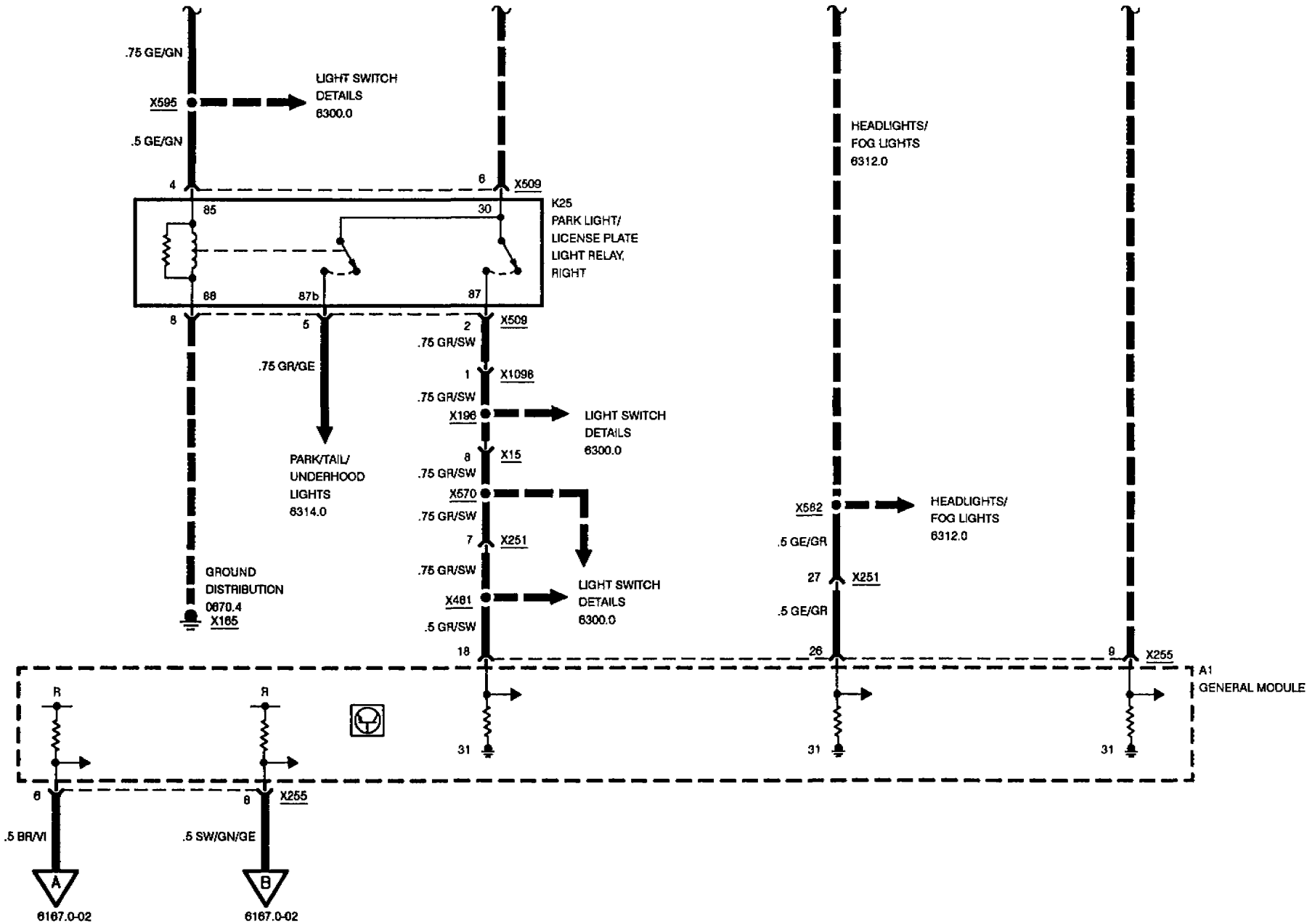
ZKE HEADLIGHT WASHER (SRA)

CDN

INPUT DETAILS



cardiagn.com

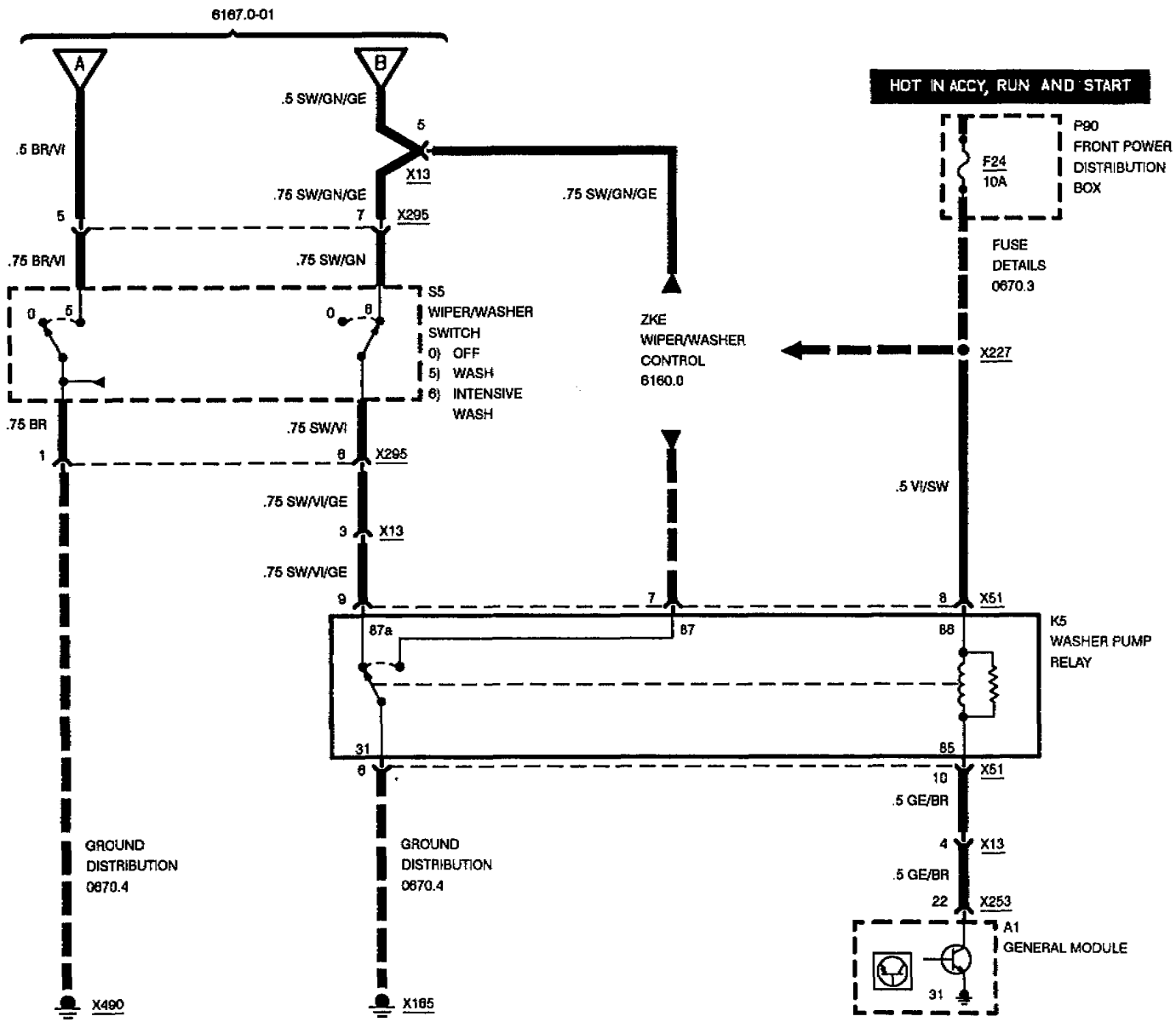


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ZKE HEADLIGHT WASHER (SRA)

CDN

INPUT DETAILS

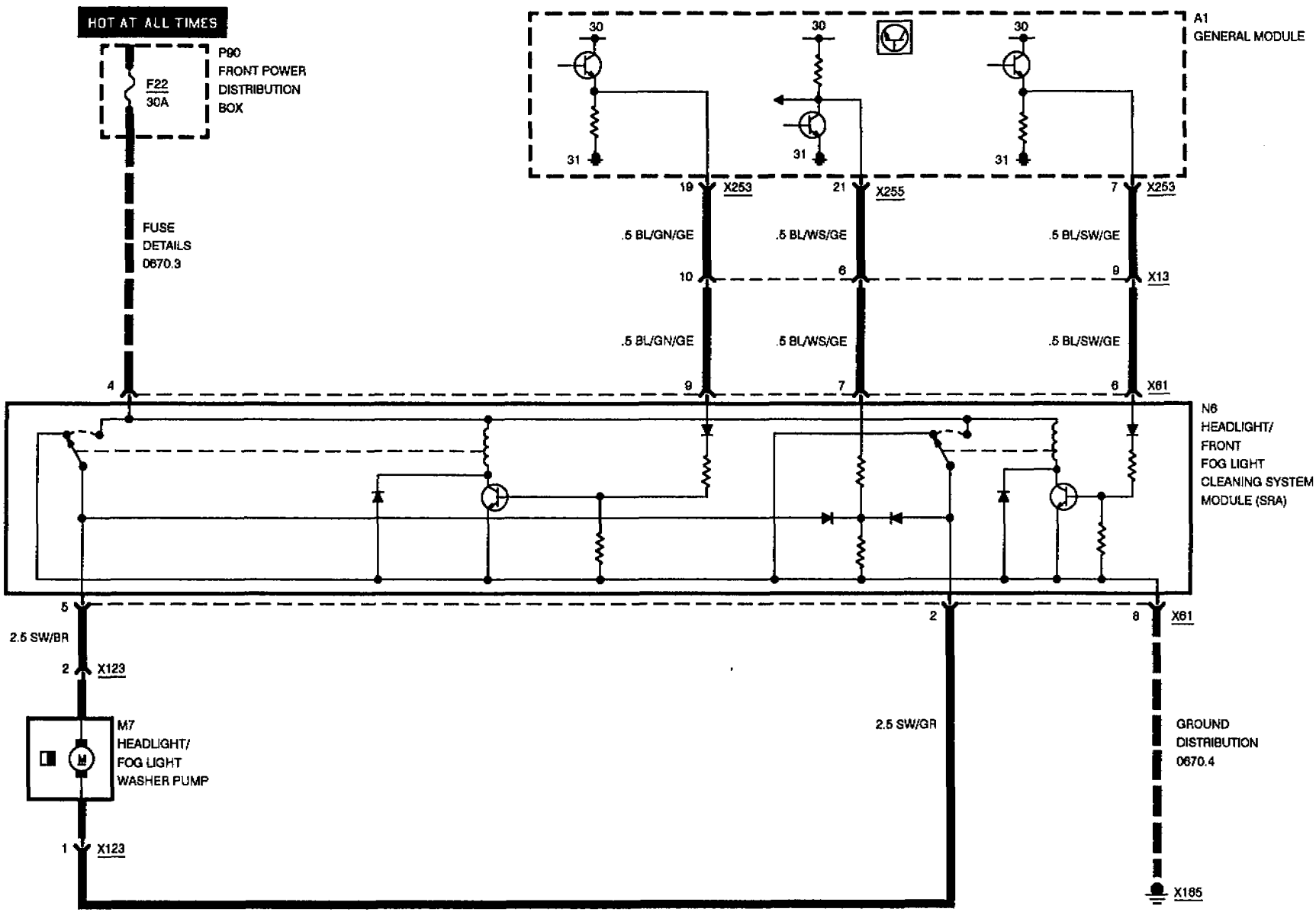


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ZKE HEADLIGHT WASHER (SRA)

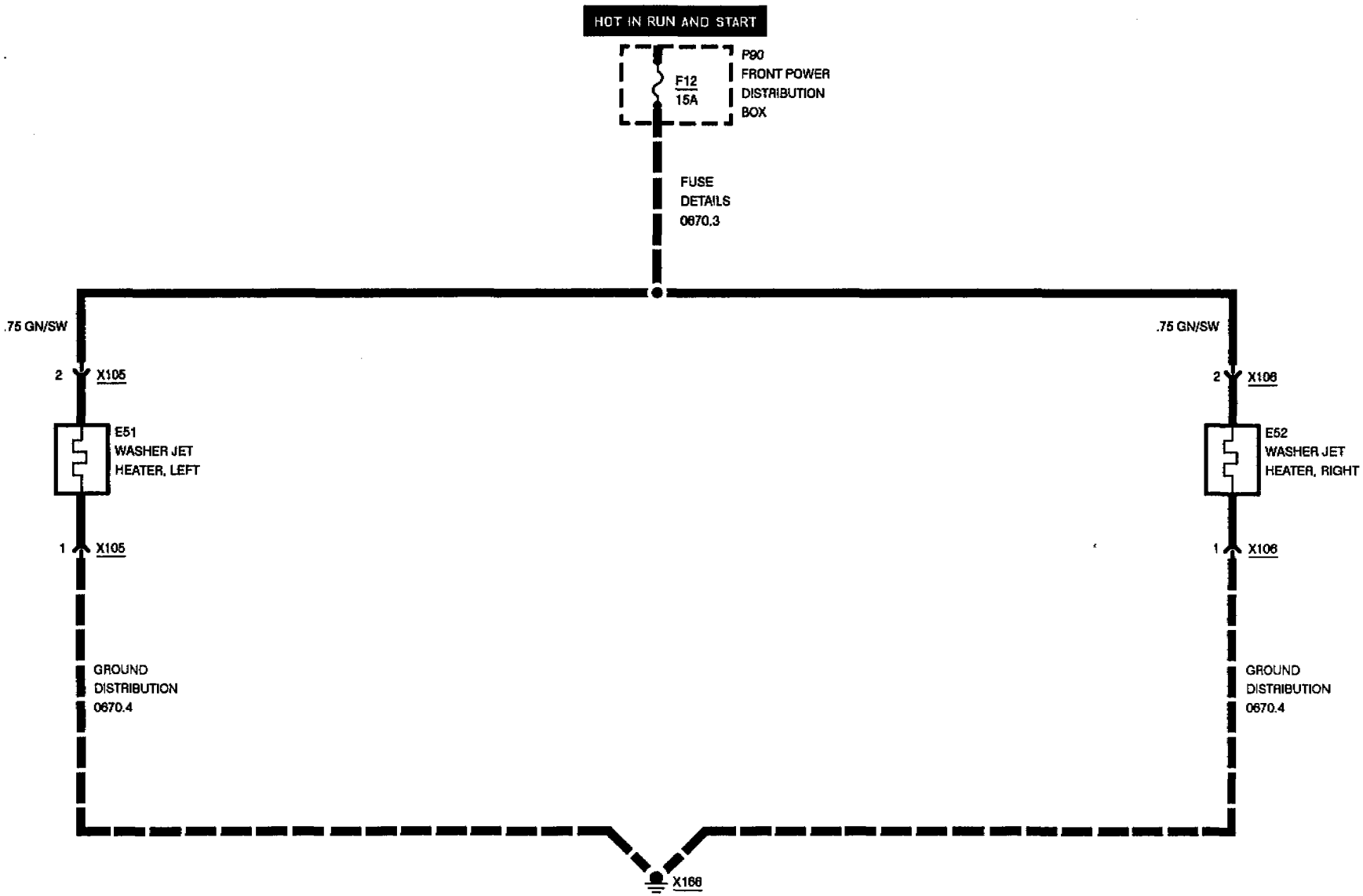
CDN

OUTPUT DETAILS



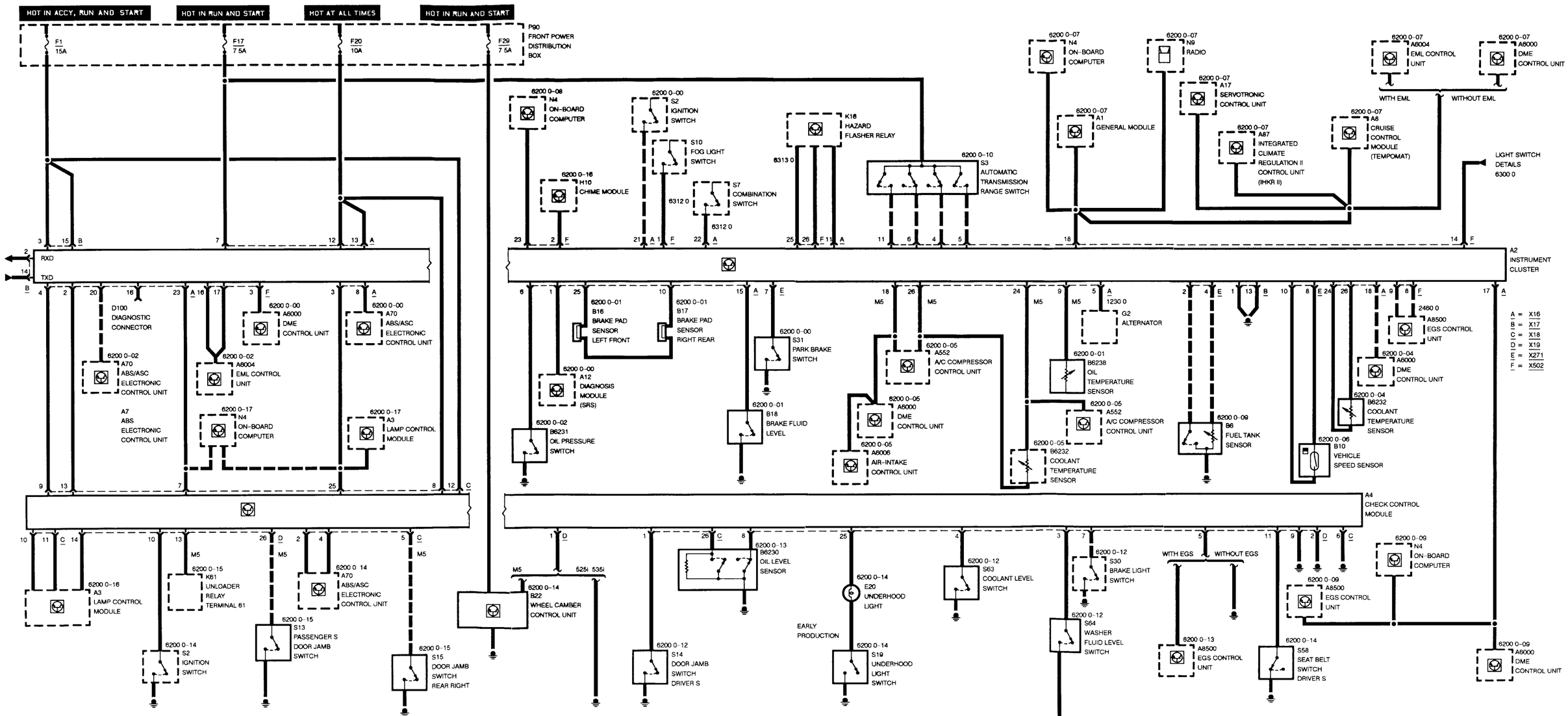
cardiagn.com

WINDSHIELD WASHER JET HEATERS



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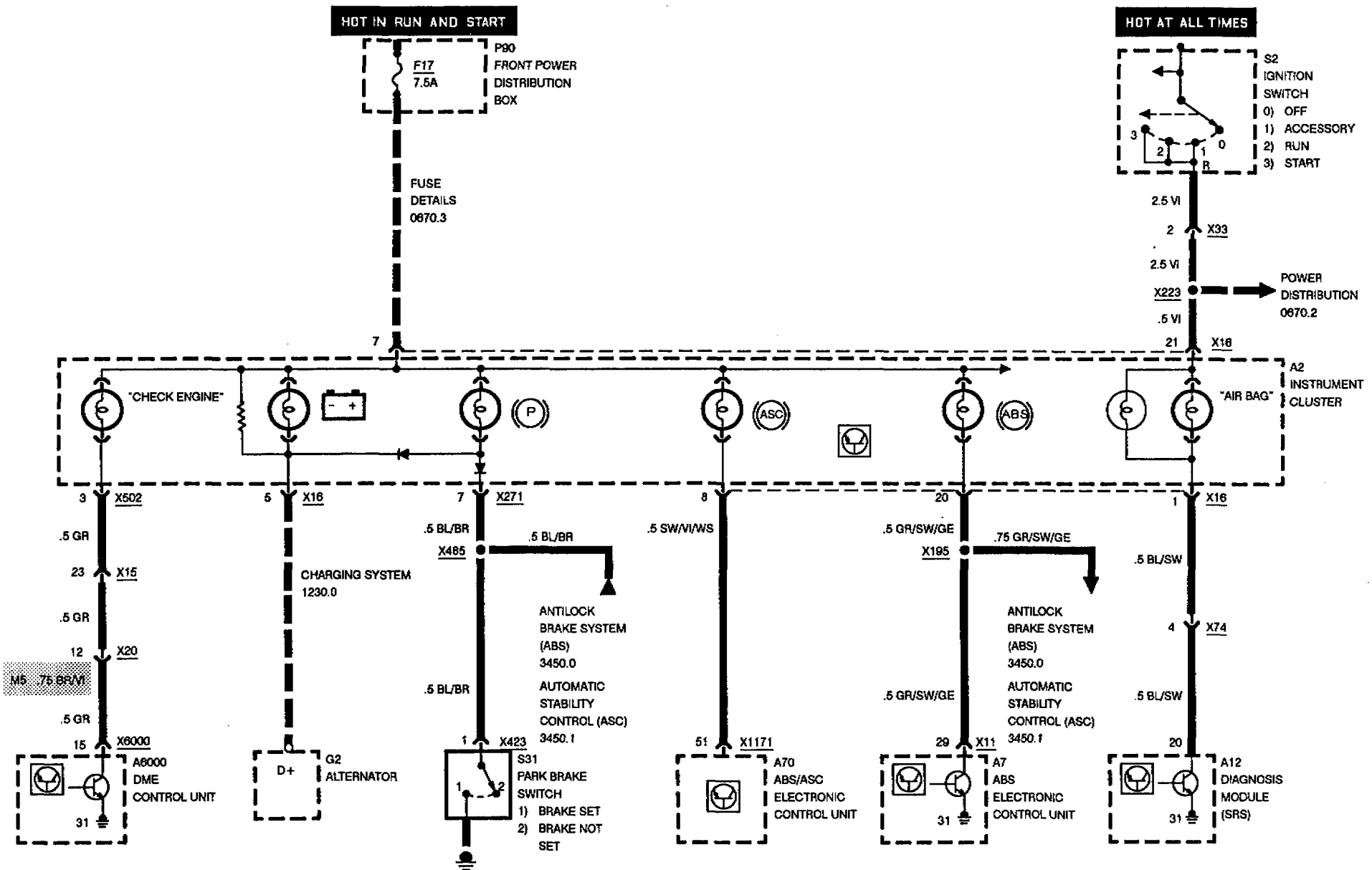
02/92 — 6200 0 — 1991
02/92 — 6200 0 — 1991



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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

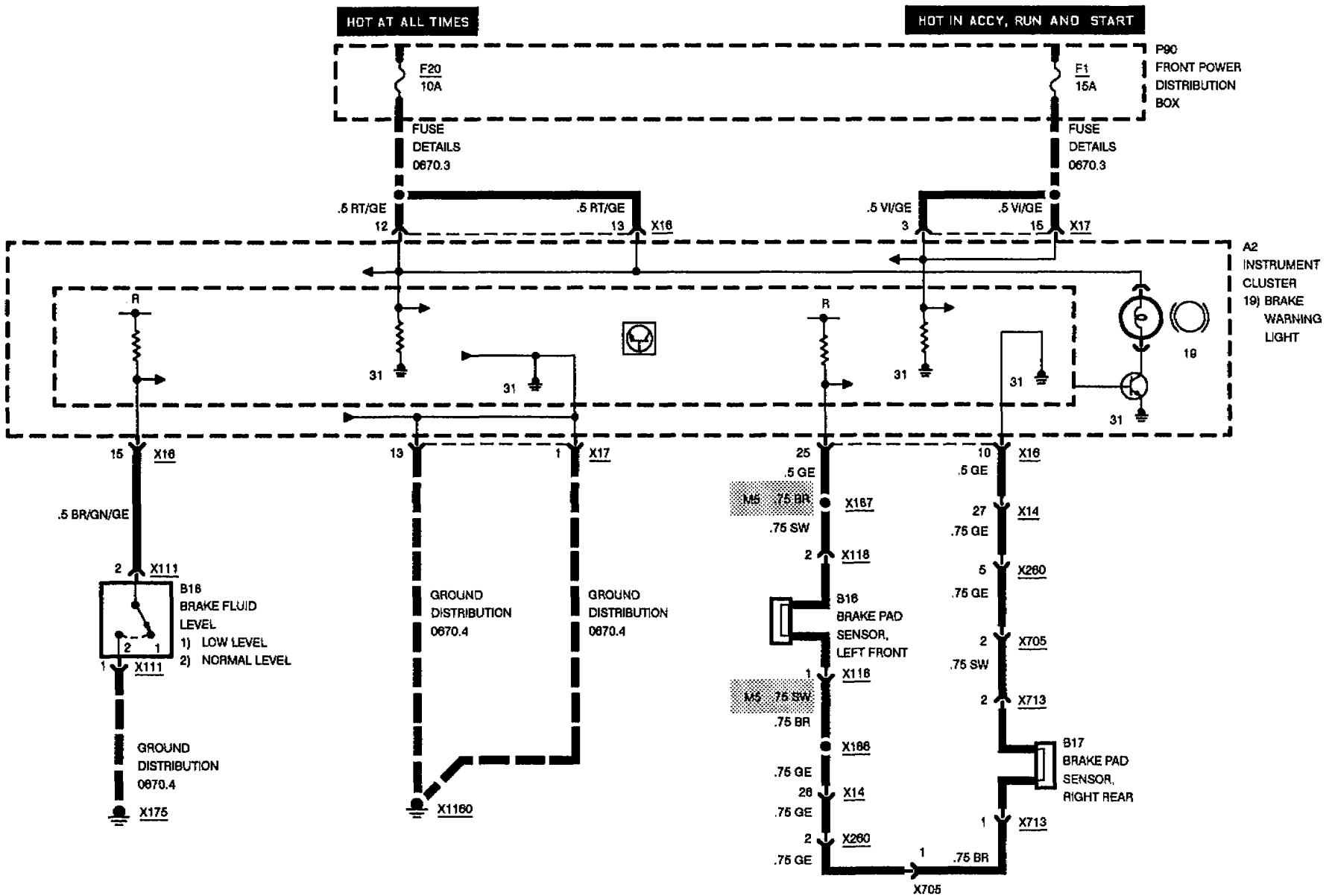
INDICATORS



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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

INDICATORS

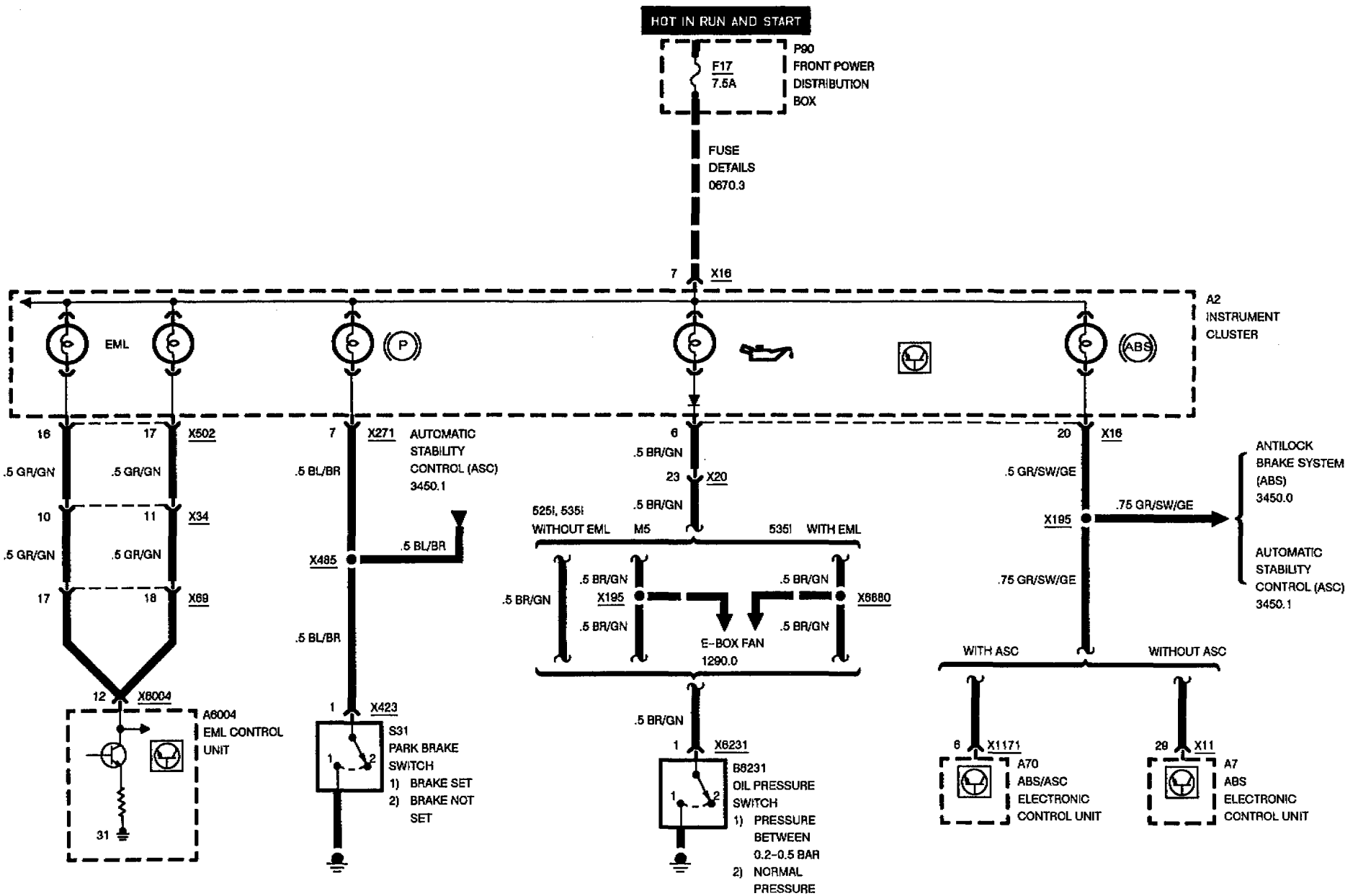


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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

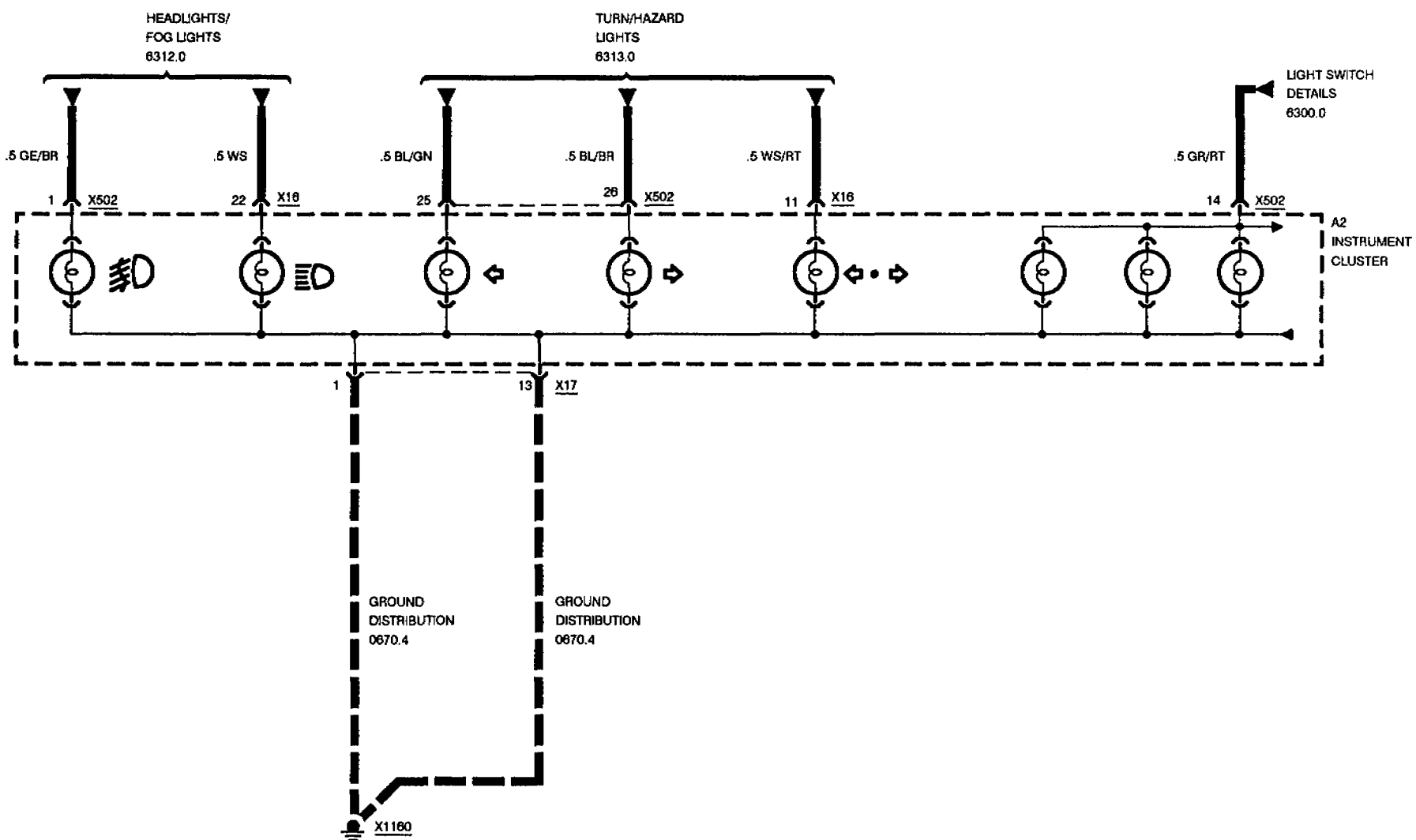
INDICATORS

cardiagn.com



INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

INDICATORS

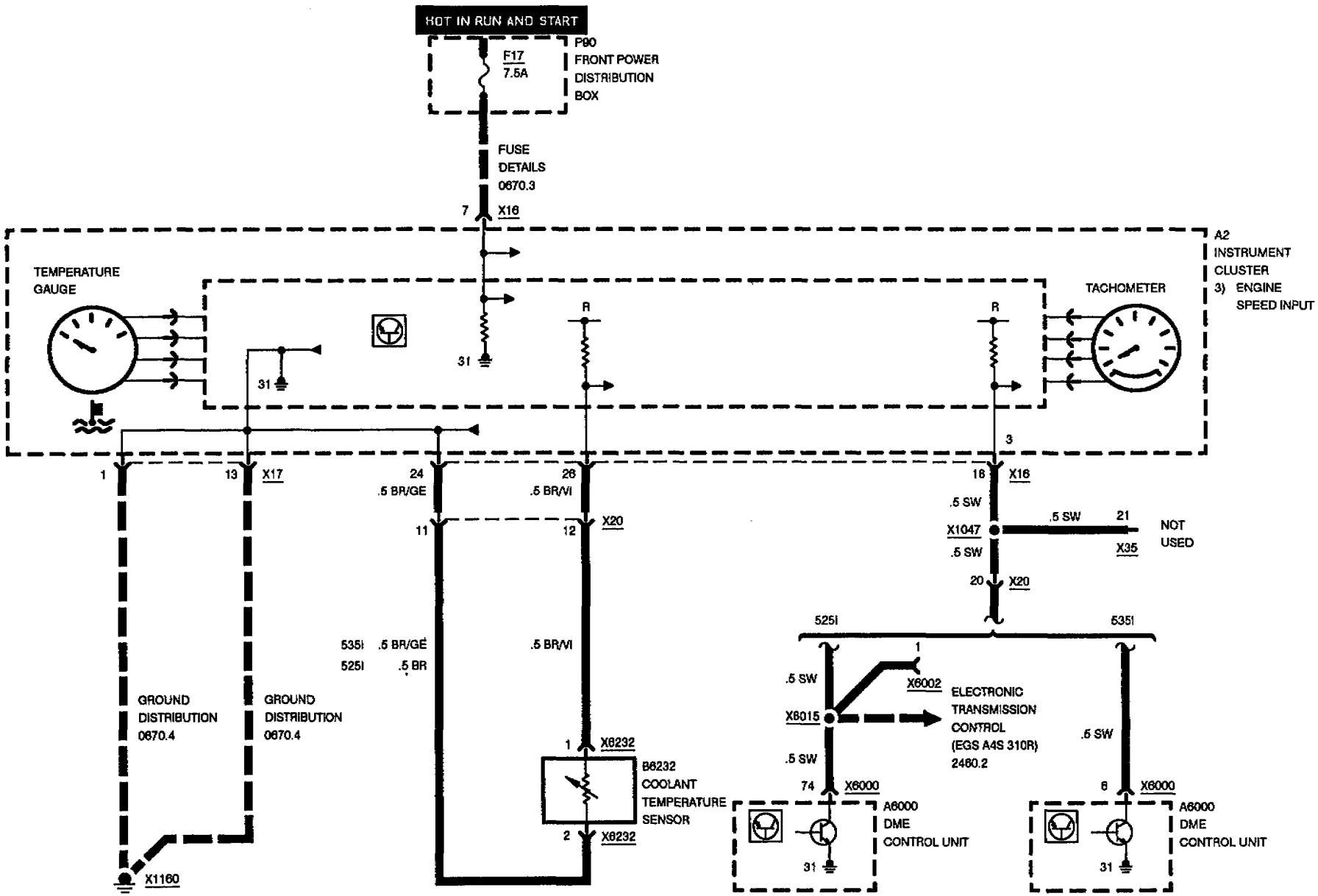


cardiagn.com

INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

GAUGES

525i, 535i

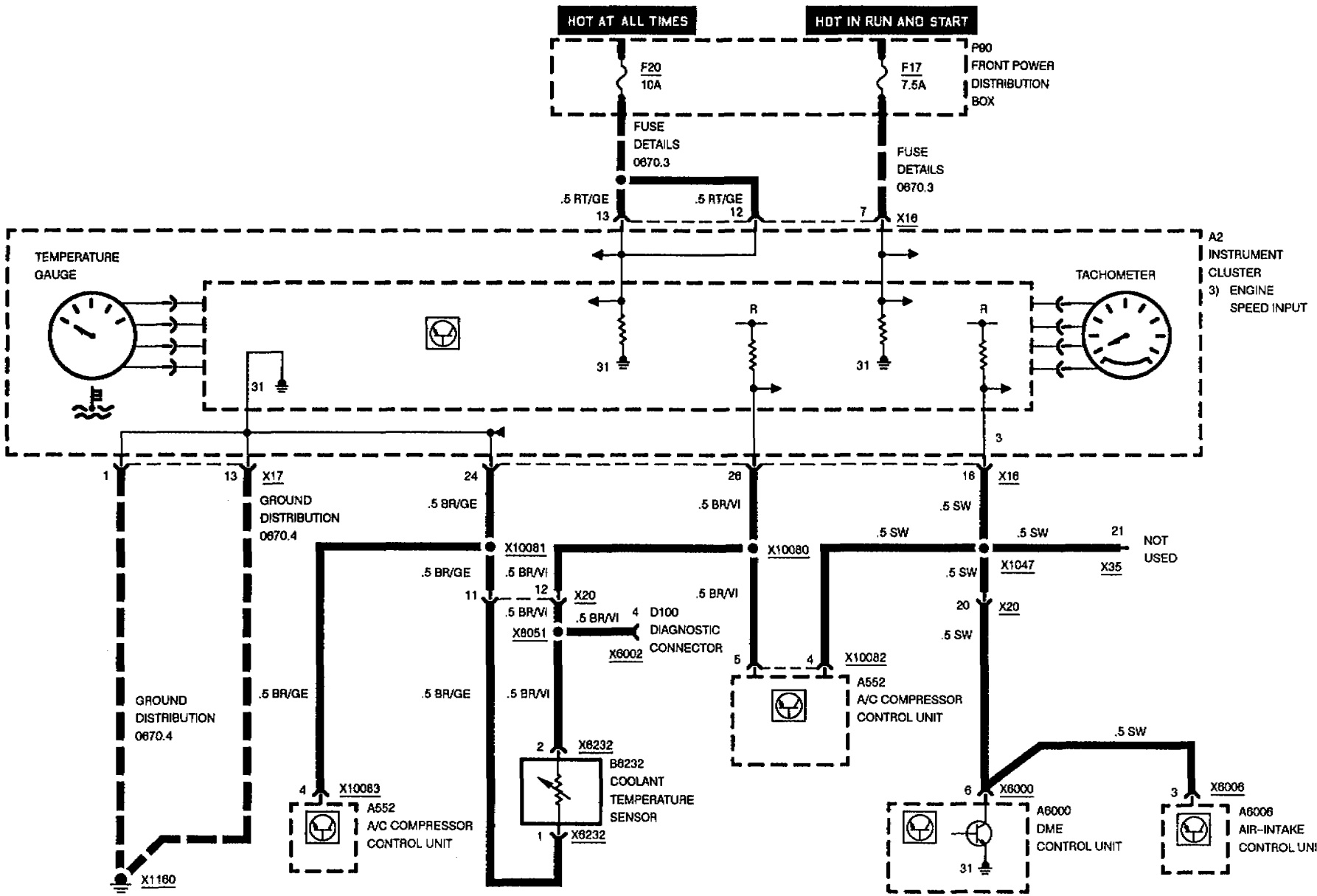


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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

GAUGES

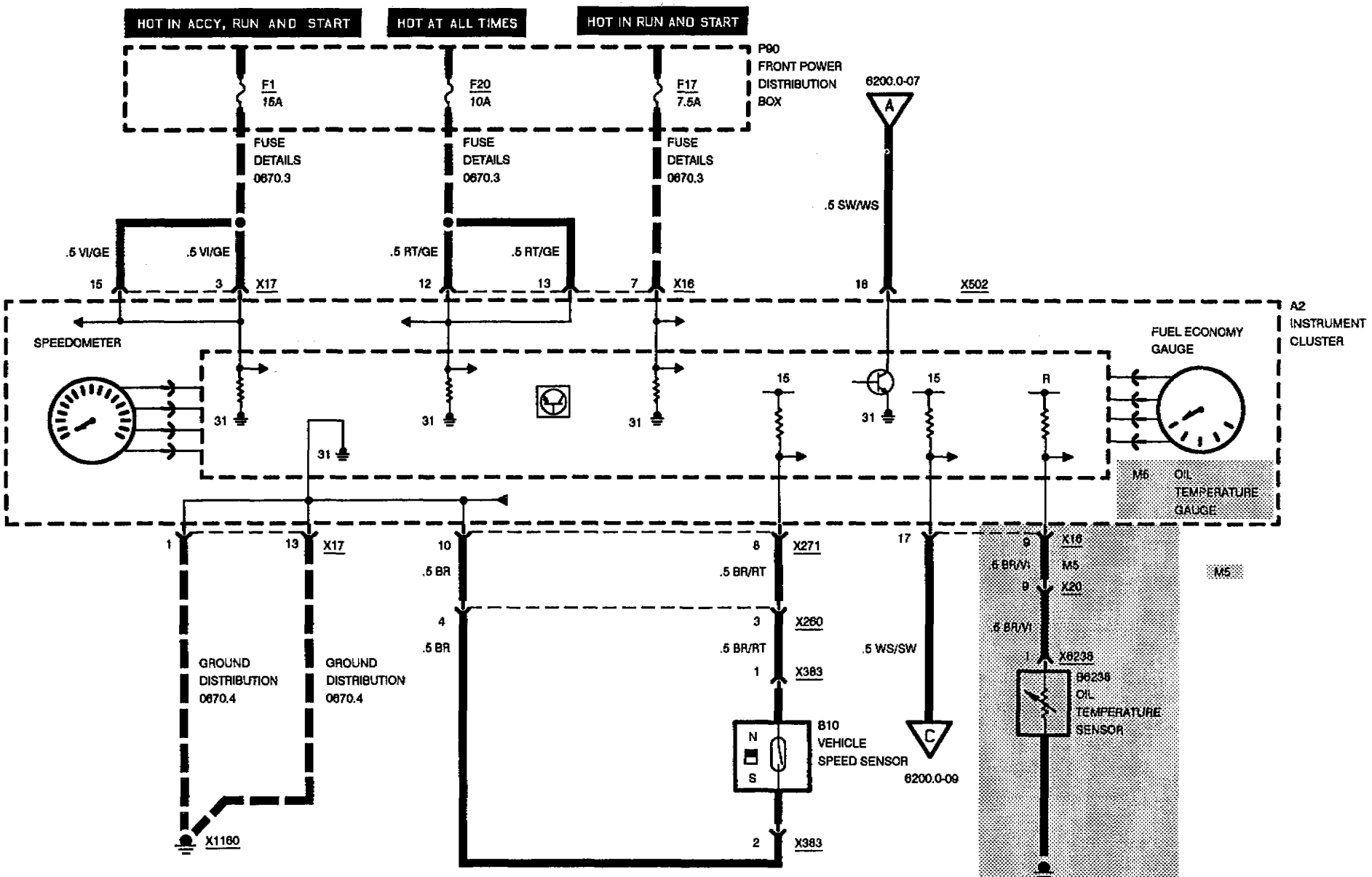
M5



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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

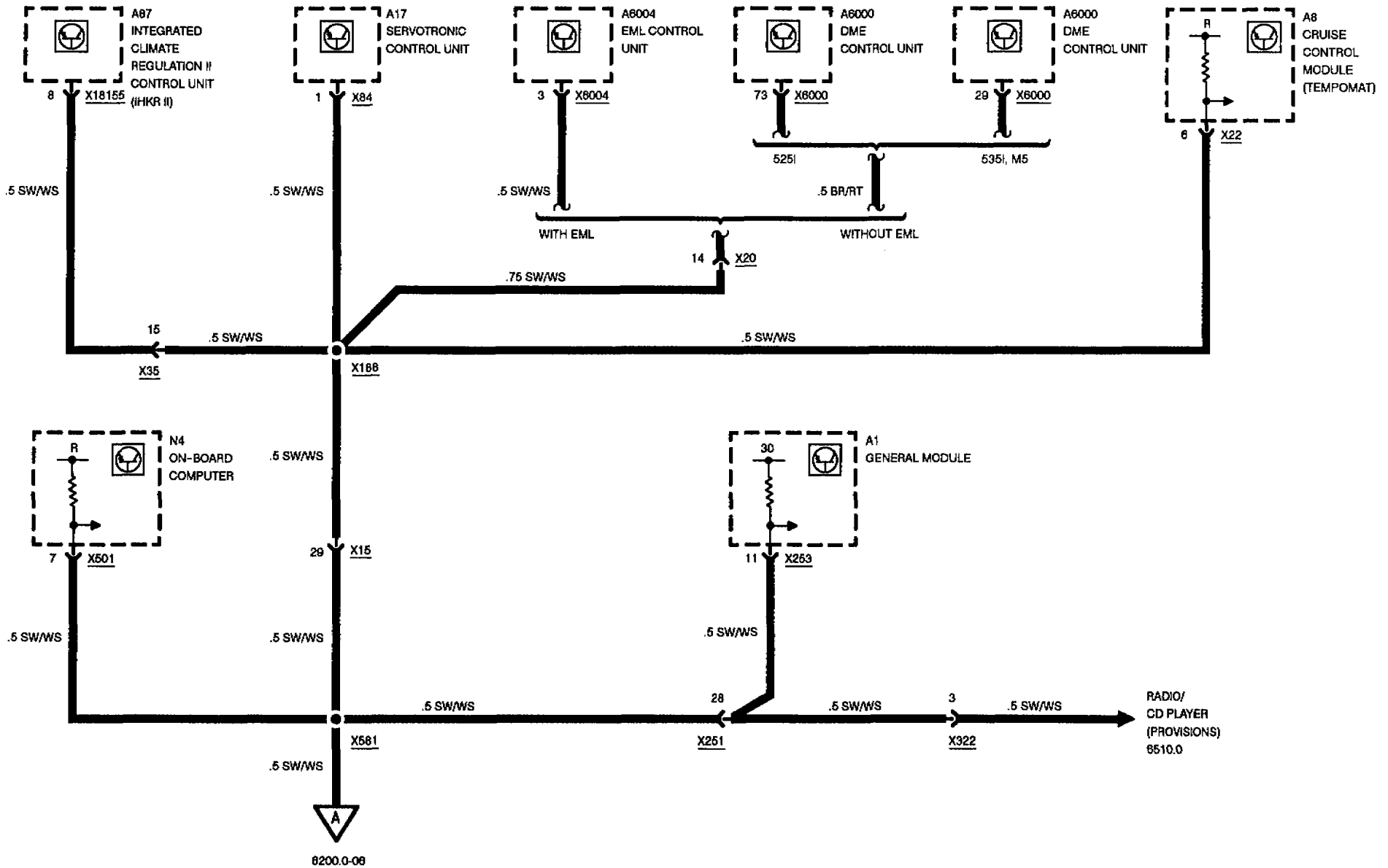
GAUGES



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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

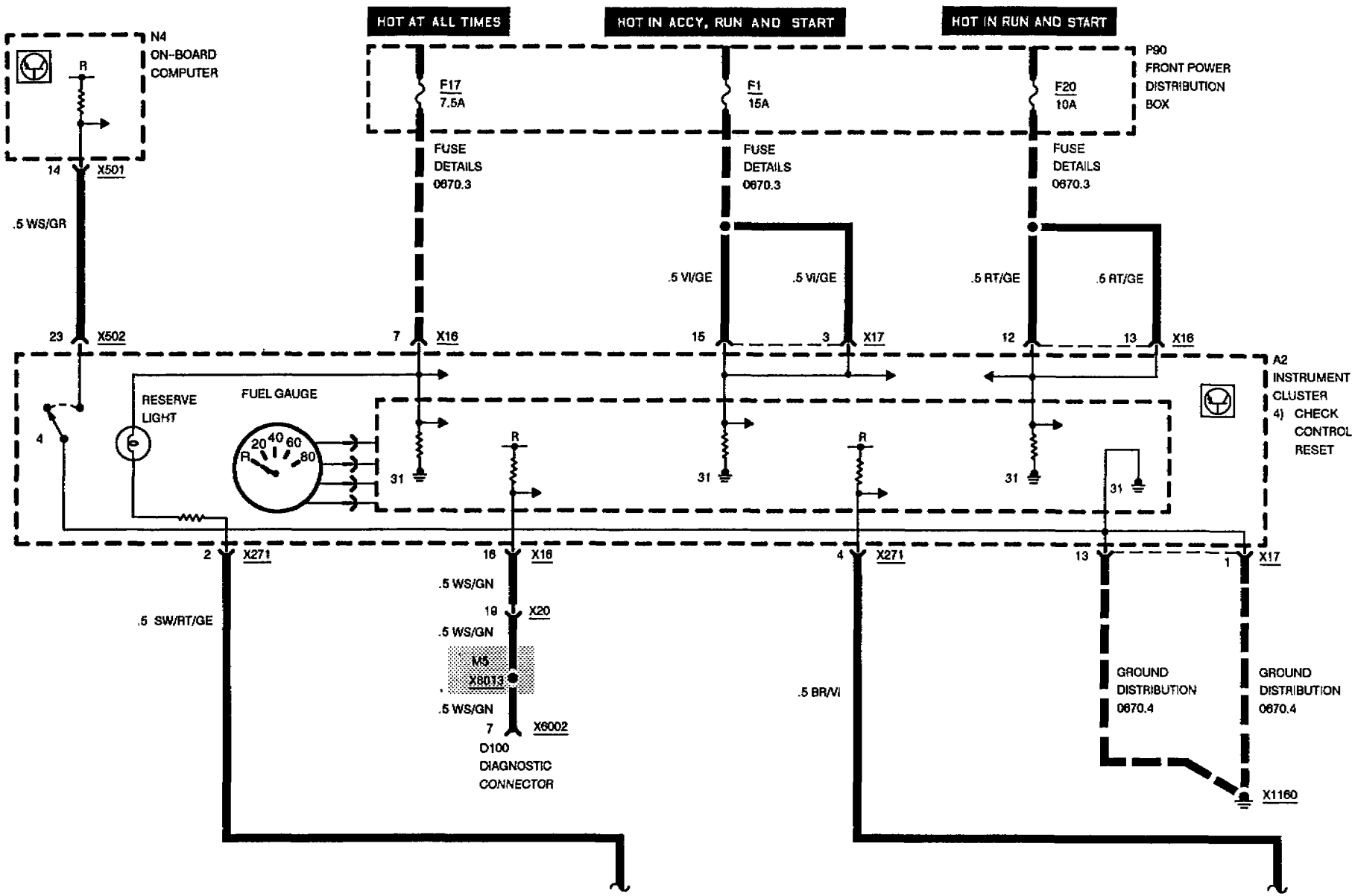
SPEED SIGNAL



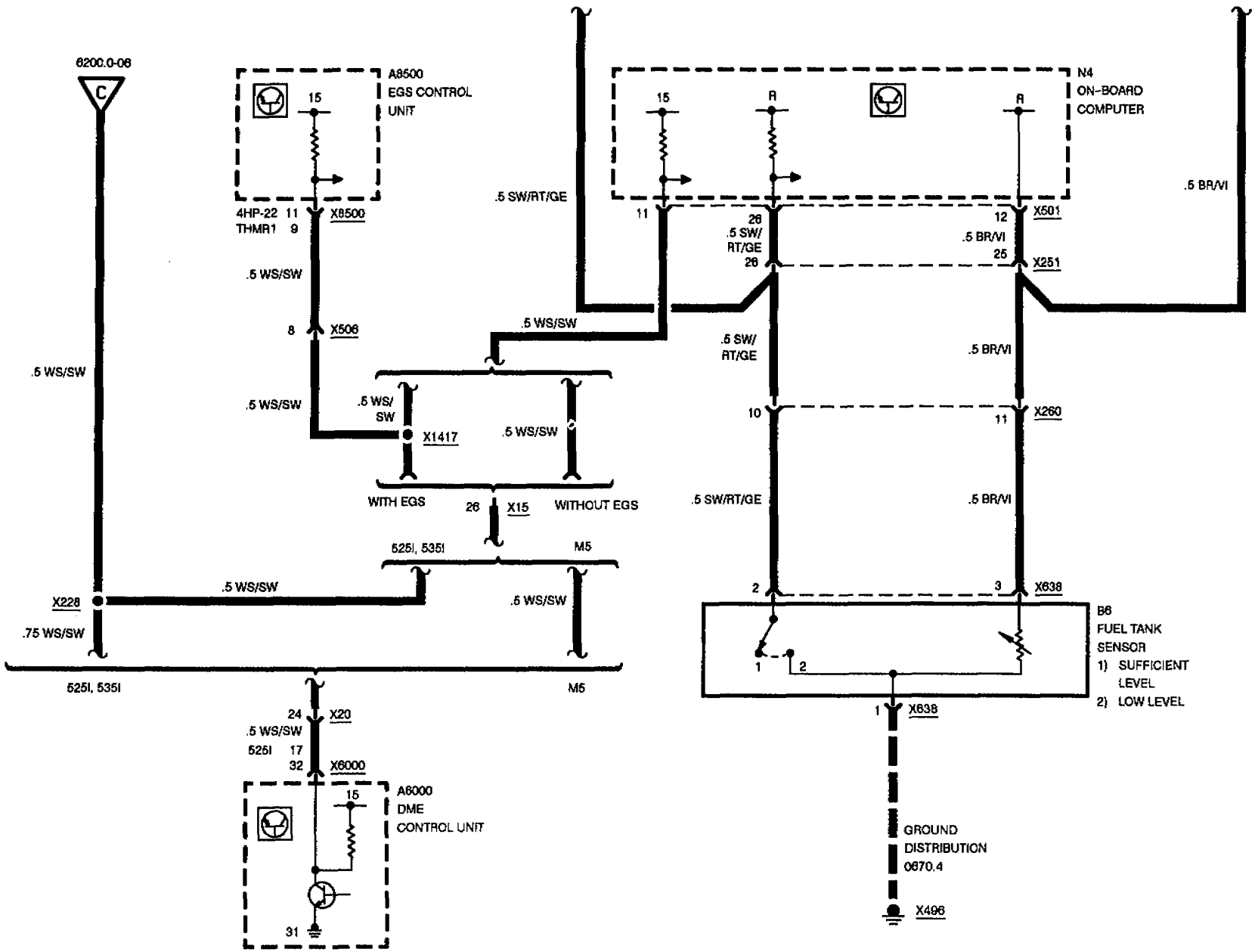
carlagn.com

INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

GAUGES



cardiagn.com

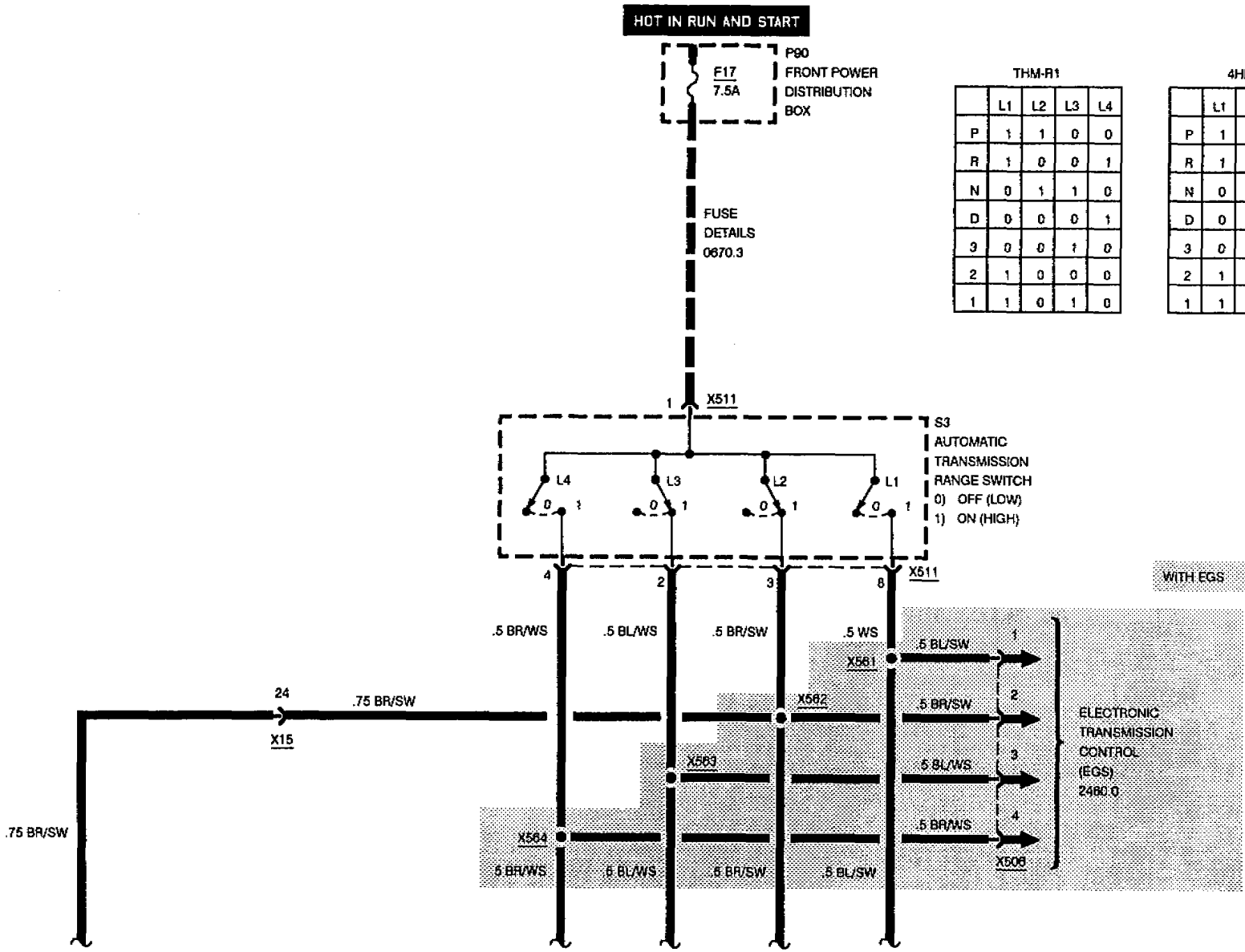


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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

GEAR SELECTOR

525i, 535i



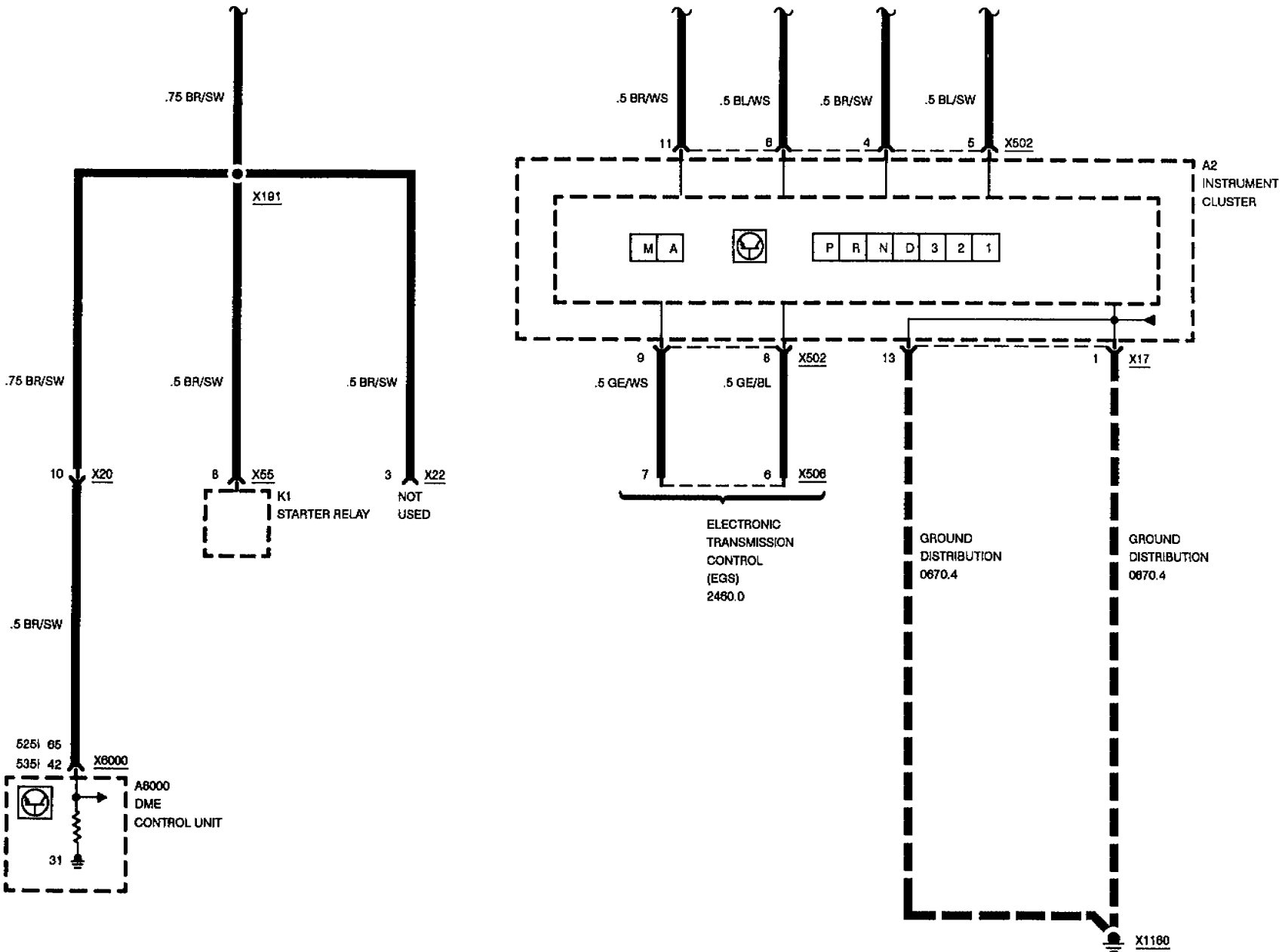
THM-R1

	L1	L2	L3	L4
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

4HP22

	L1	L2	L3	L4
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

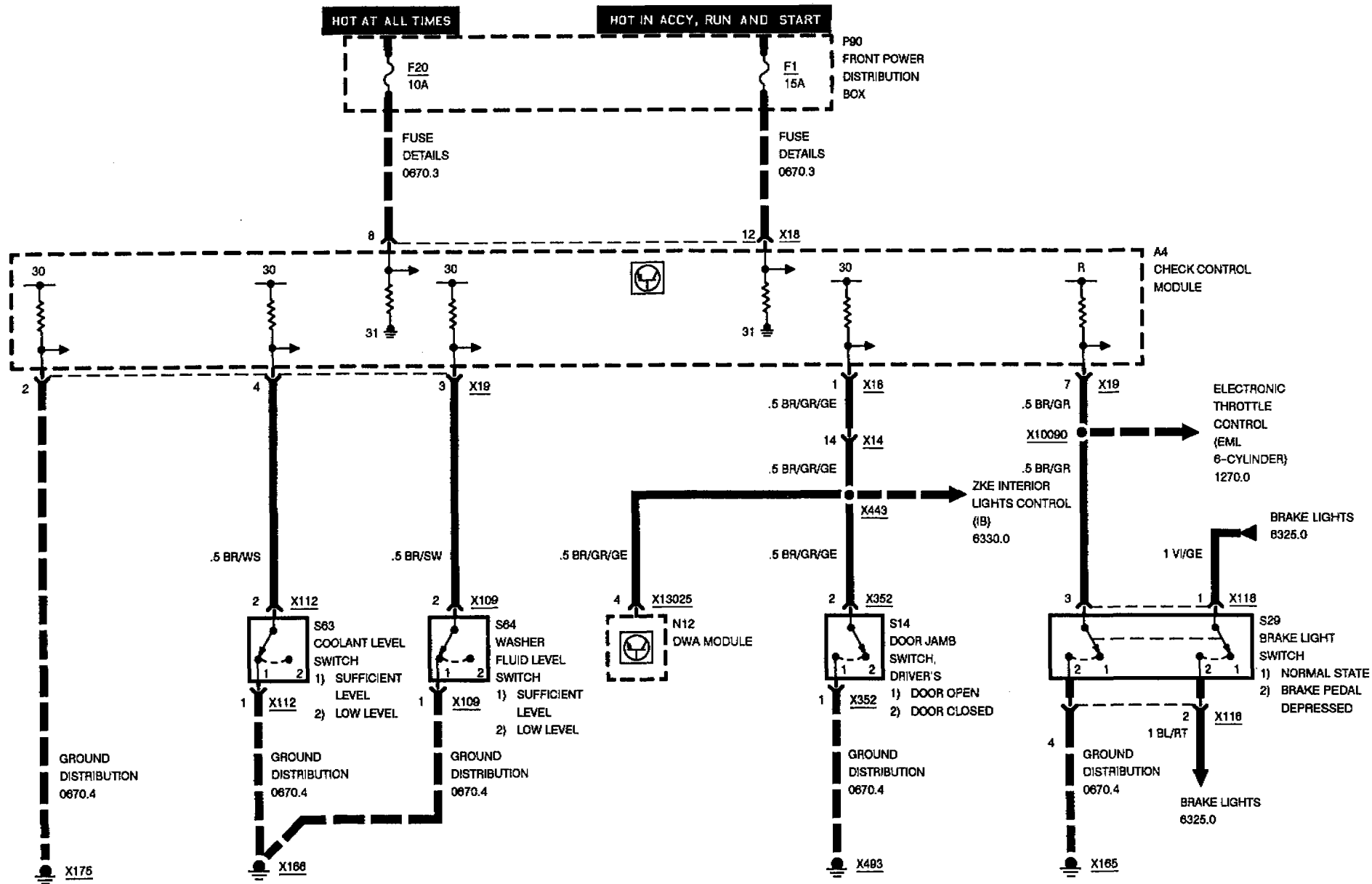
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INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

CHECK CONTROL

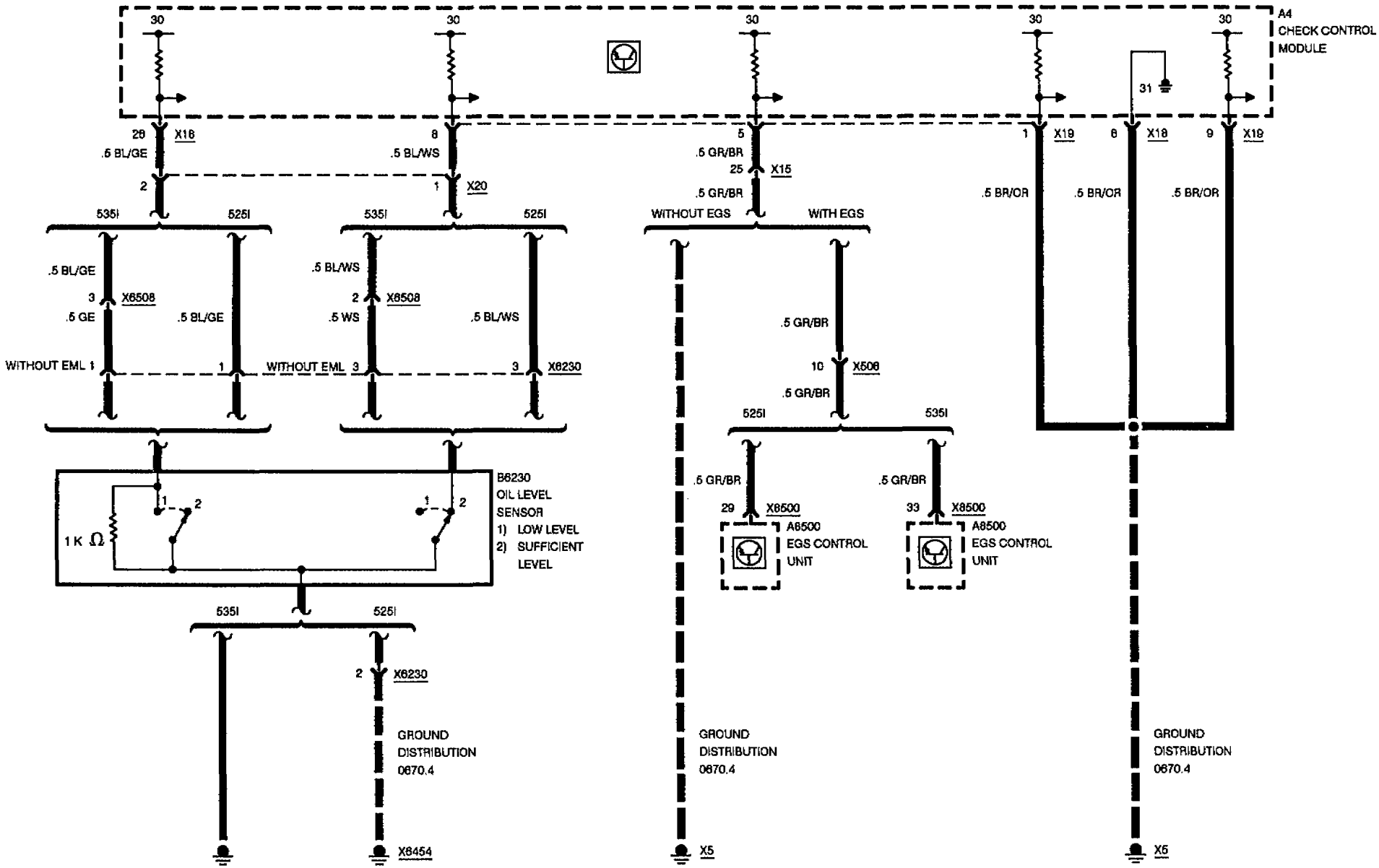


cardiagn.com

INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

525i, 535i

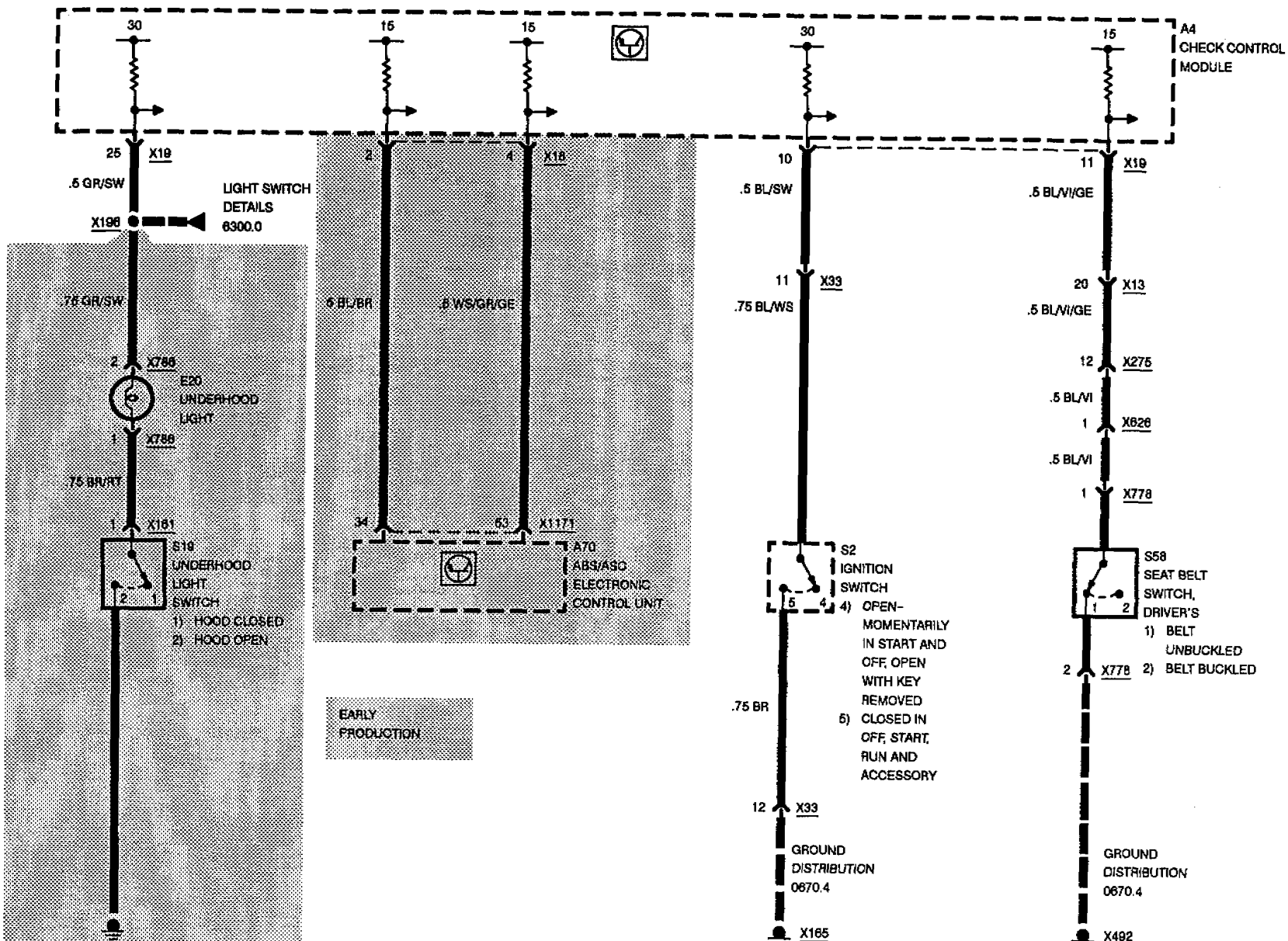
CHECK CONTROL



cardiagn.com

INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

CHECK CONTROL

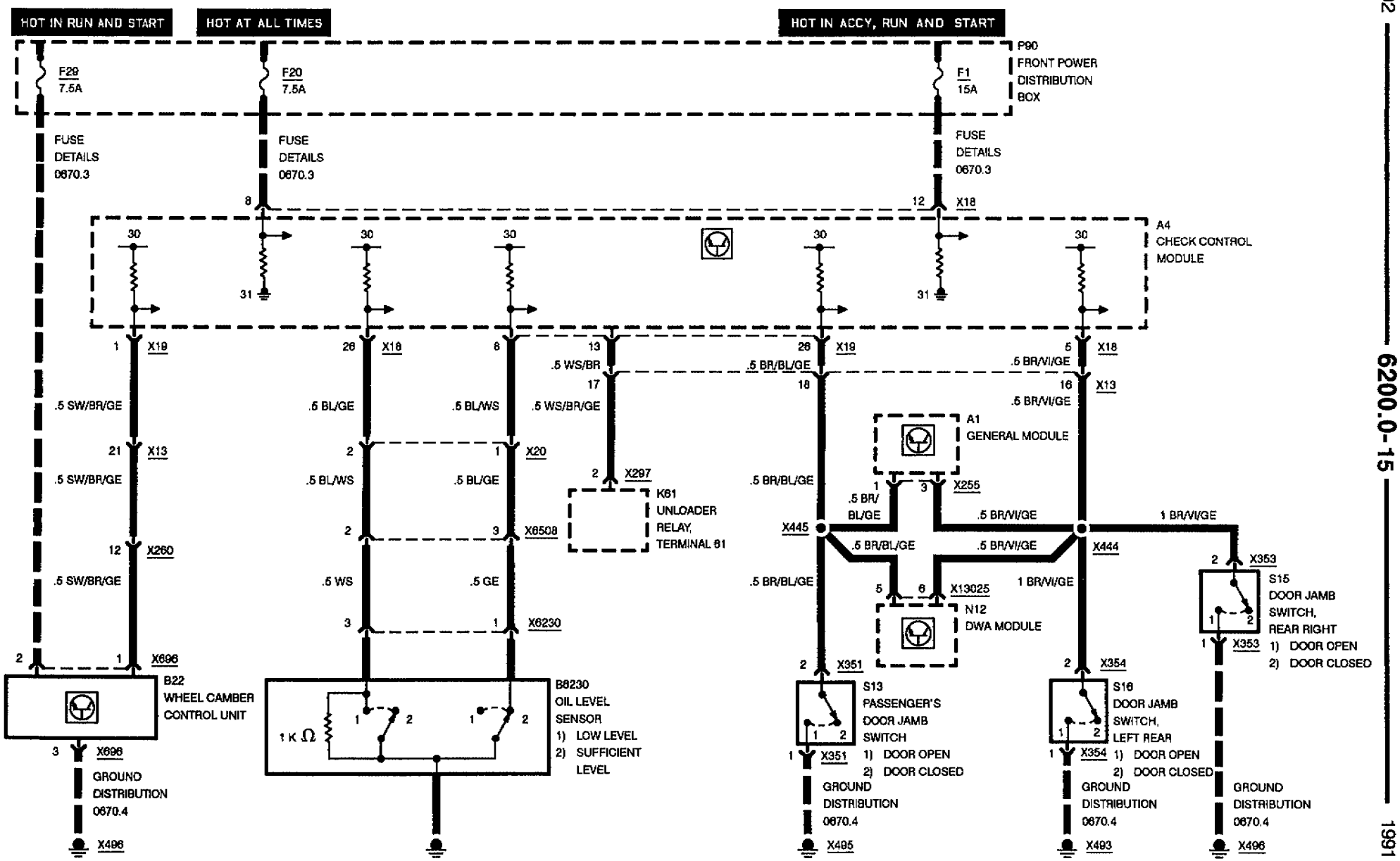


cardiagn.com

INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

M5

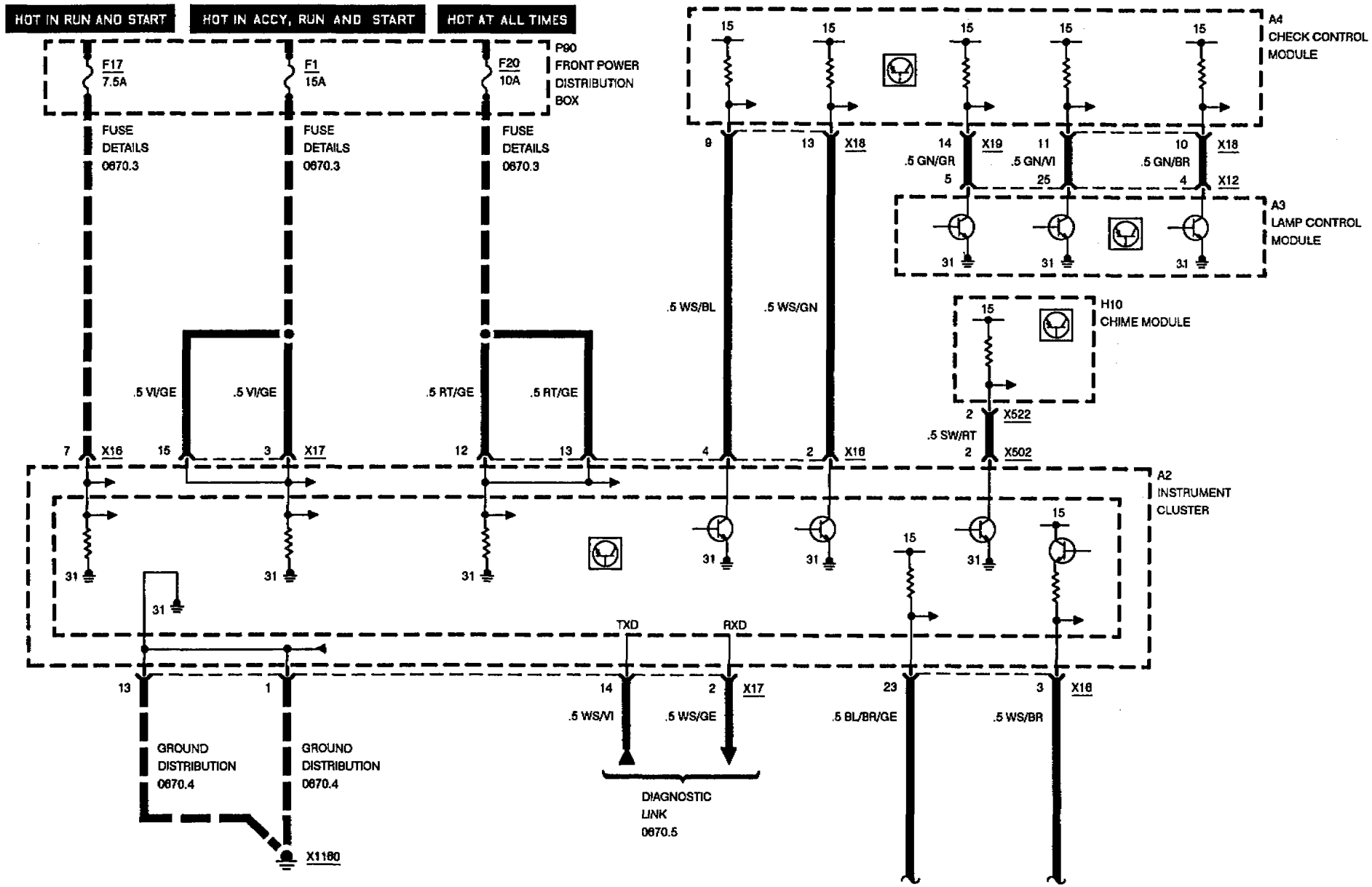
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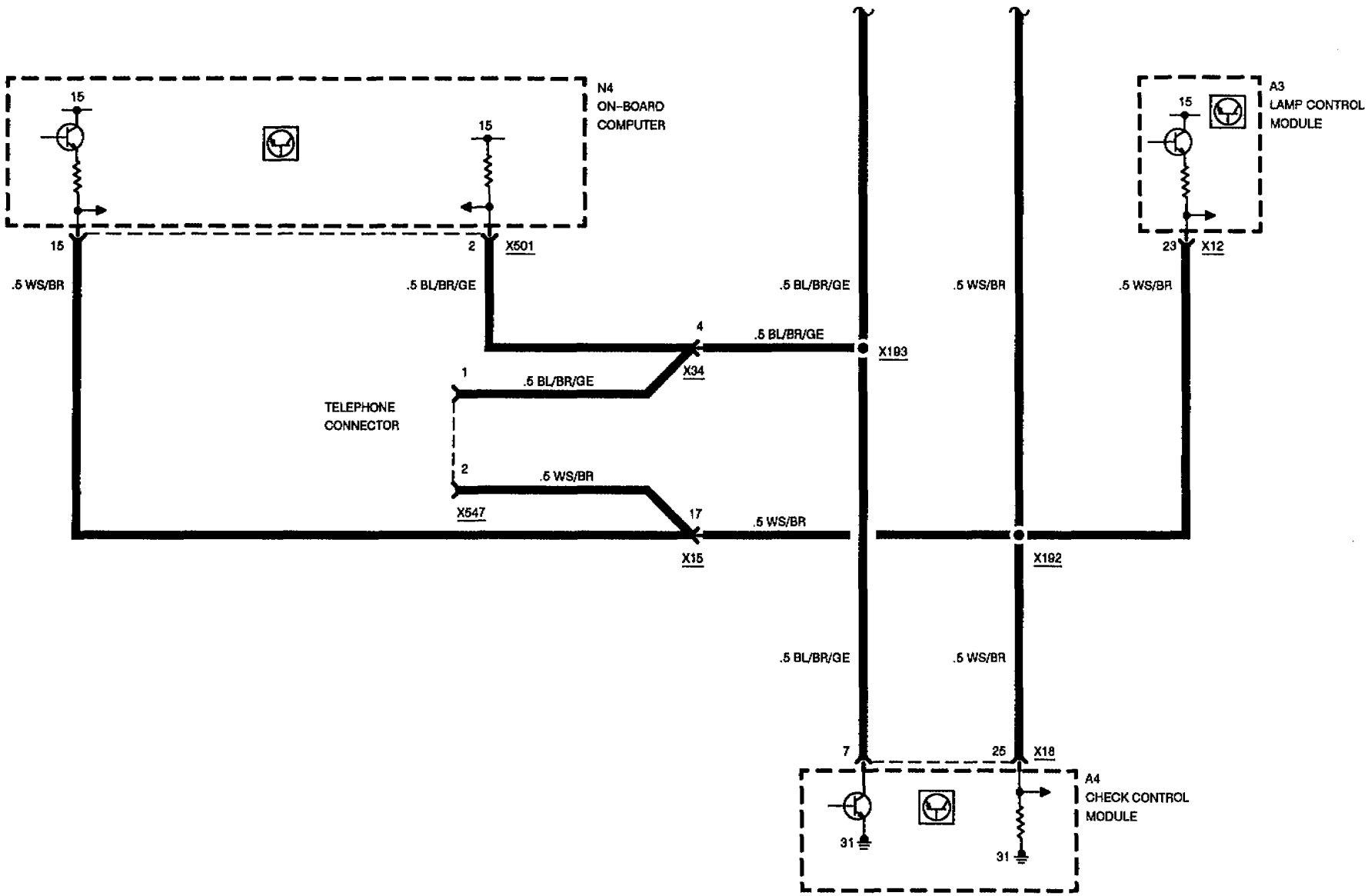
cardiagn.com

INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

DATA LINK

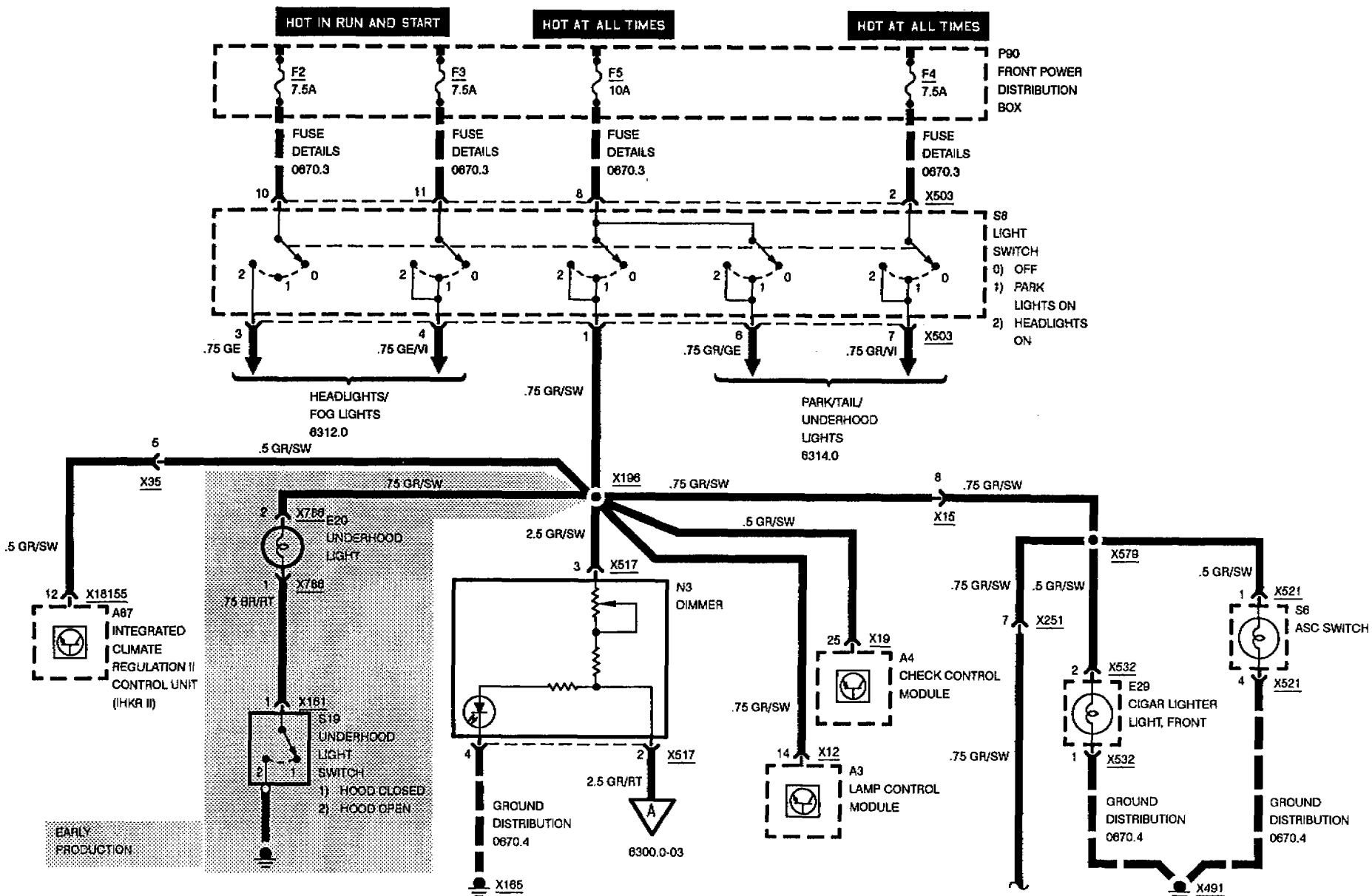


cardiagn.com

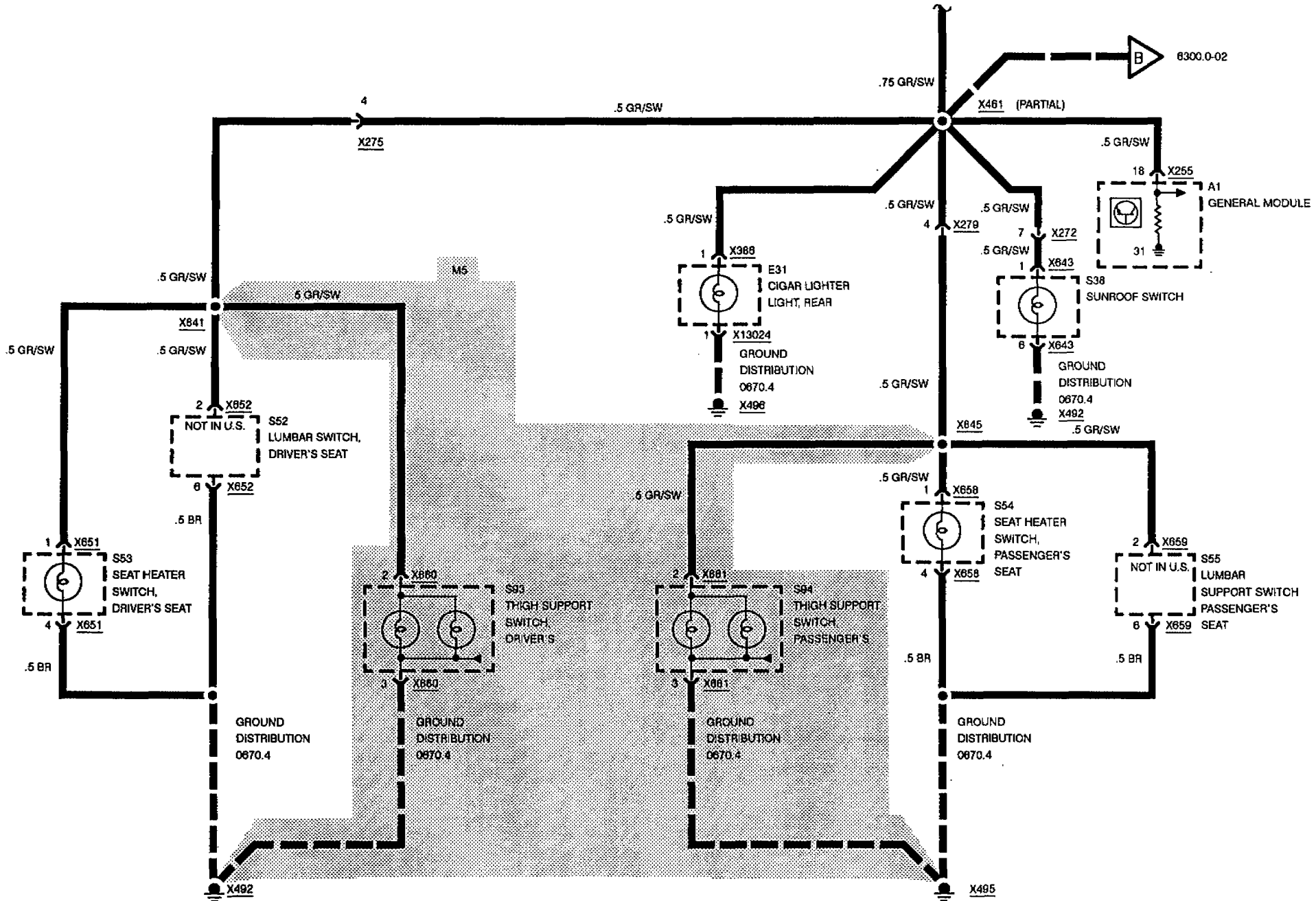


cardiagn.com

LIGHT SWITCH DETAILS

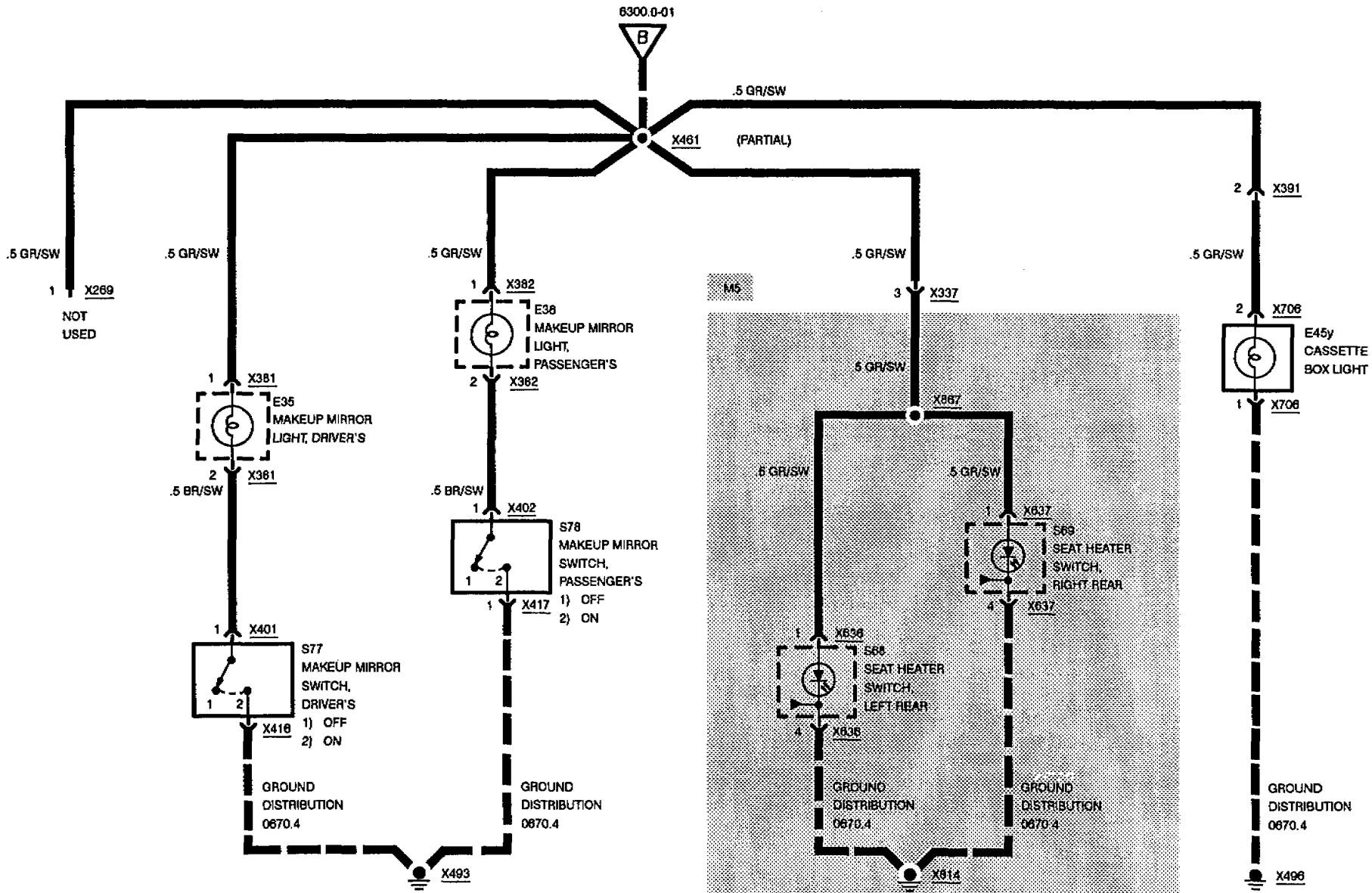


cardiagn.com



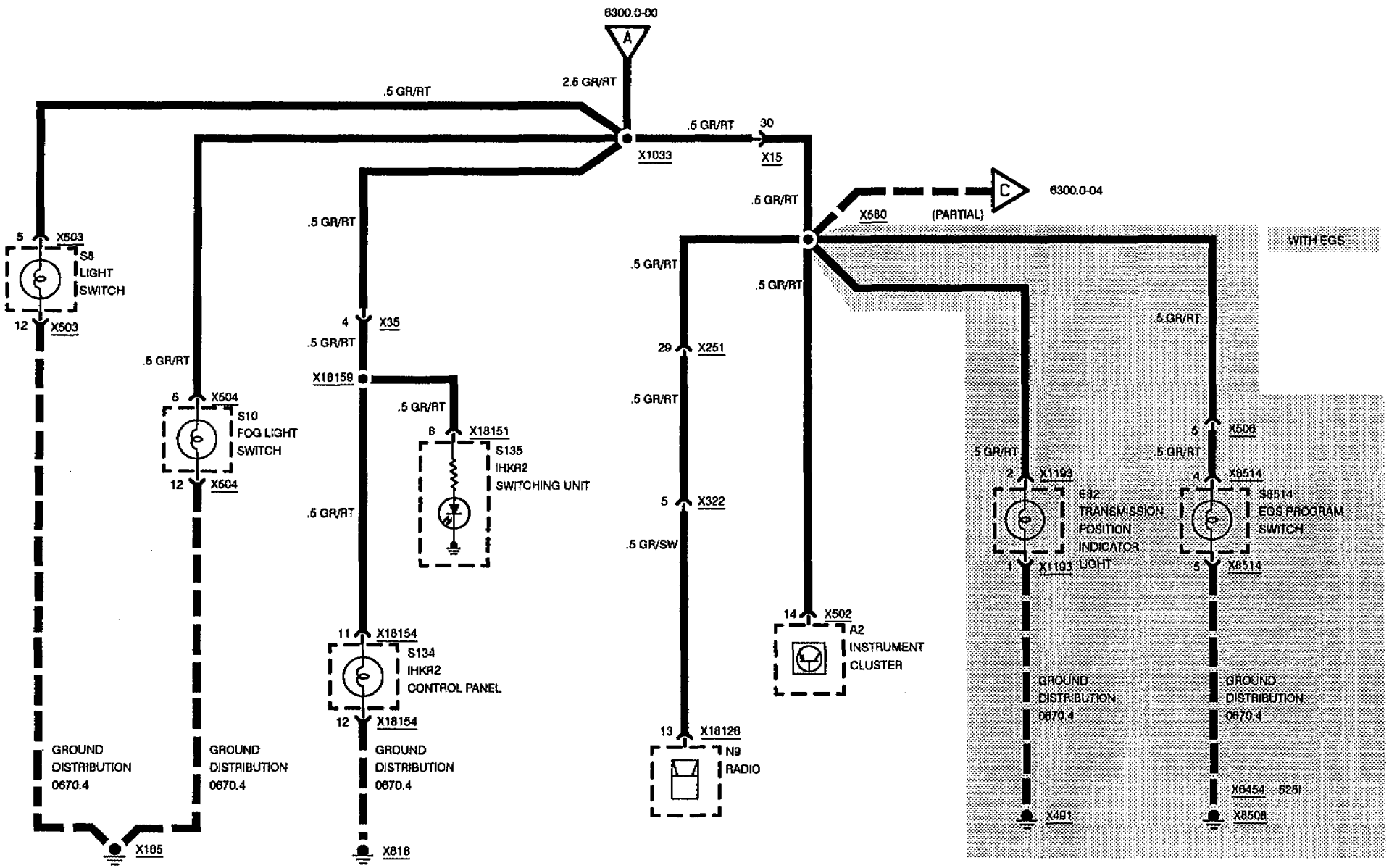
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LIGHT SWITCH DETAILS



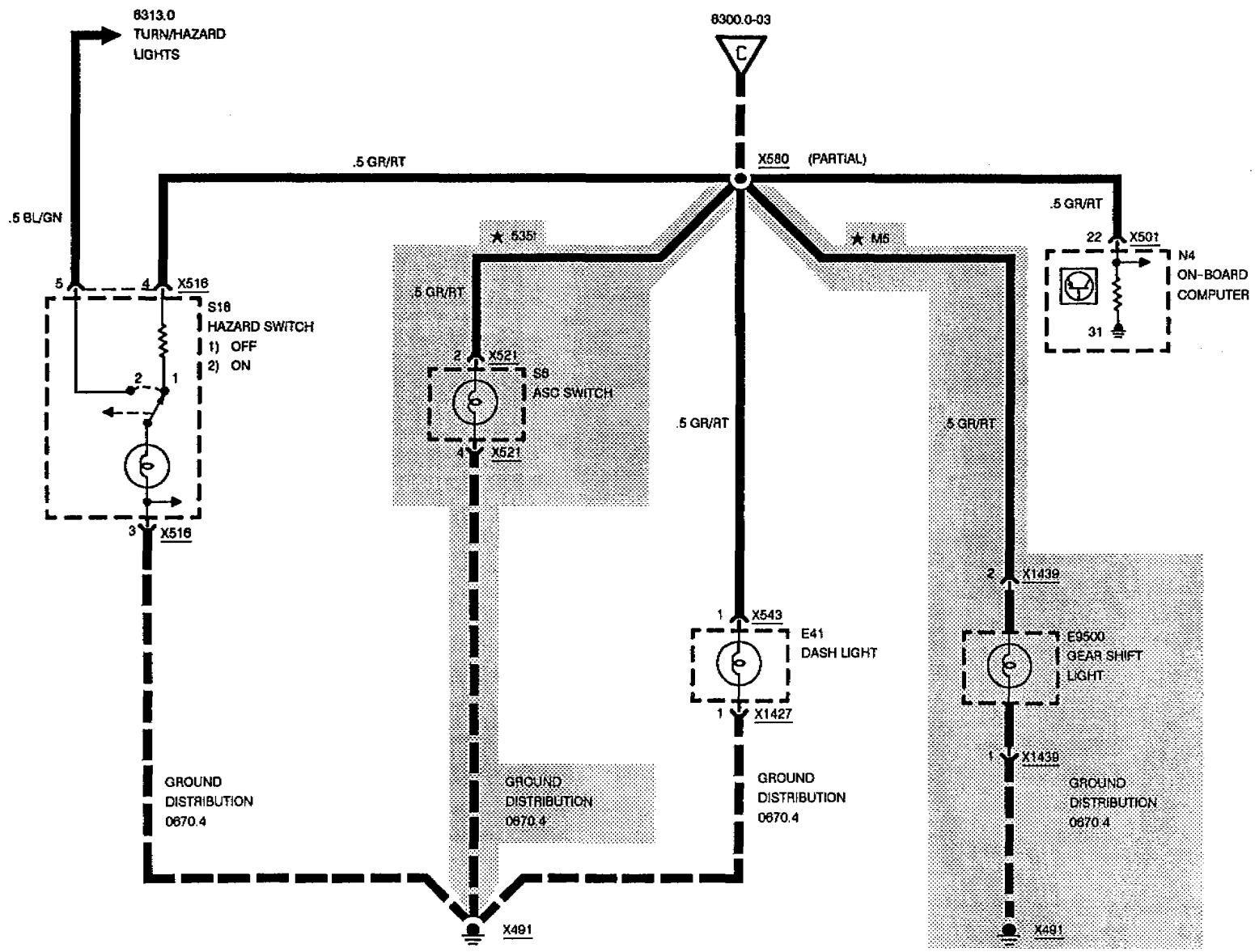
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LIGHT SWITCH DETAILS



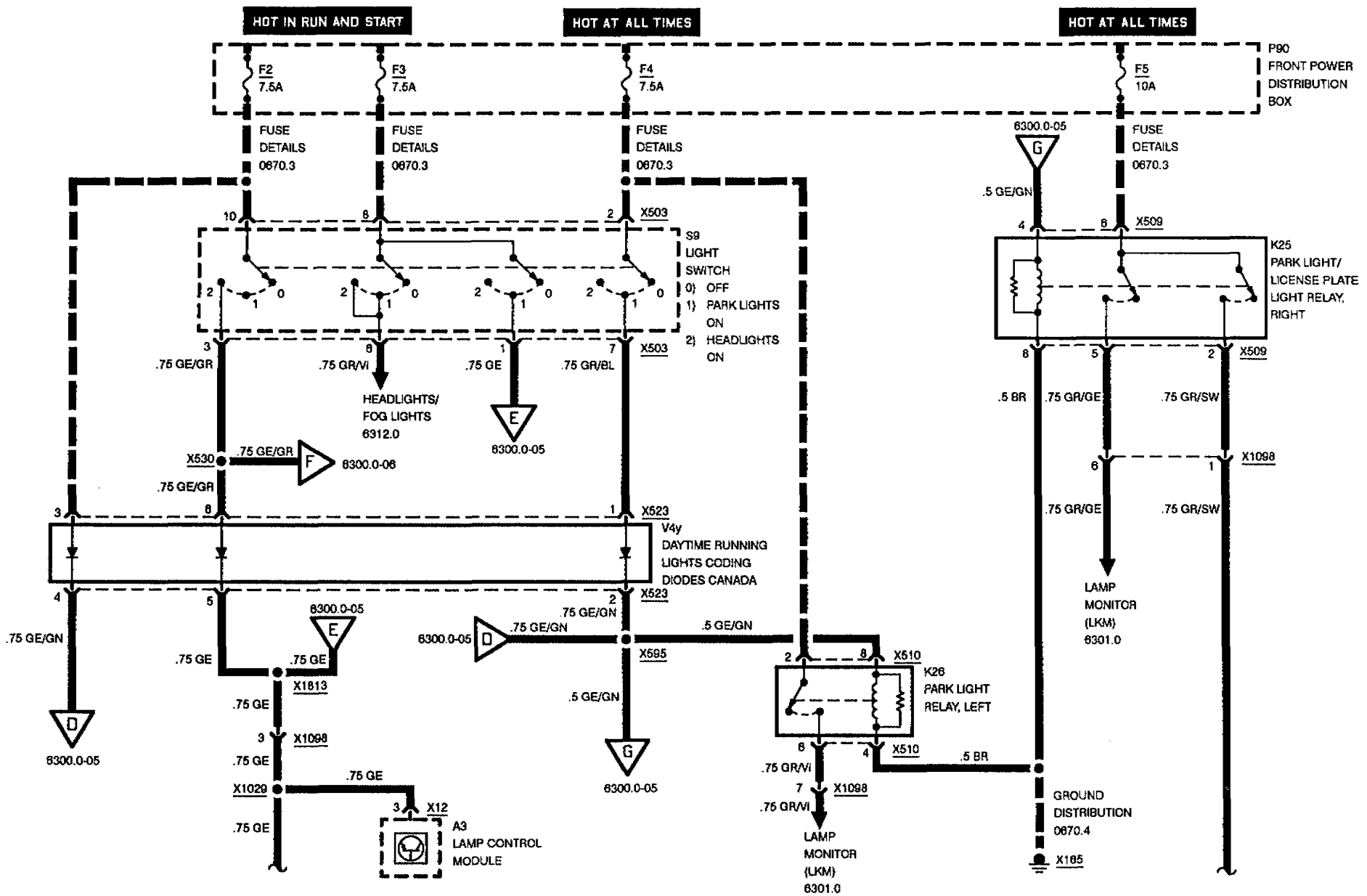
carlagn.com

LIGHT SWITCH DETAILS

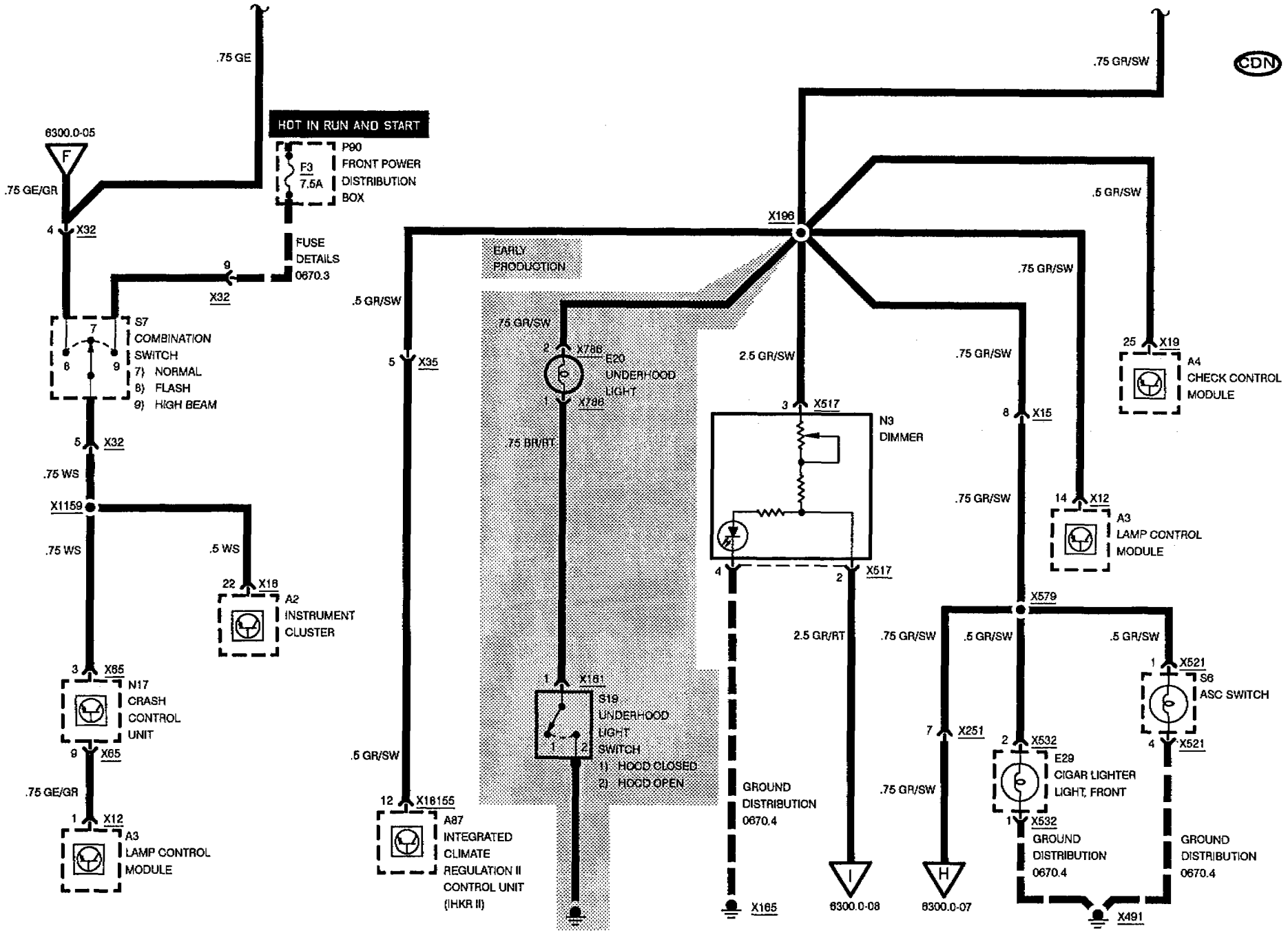


cardiagn.com

LIGHT SWITCH DETAILS

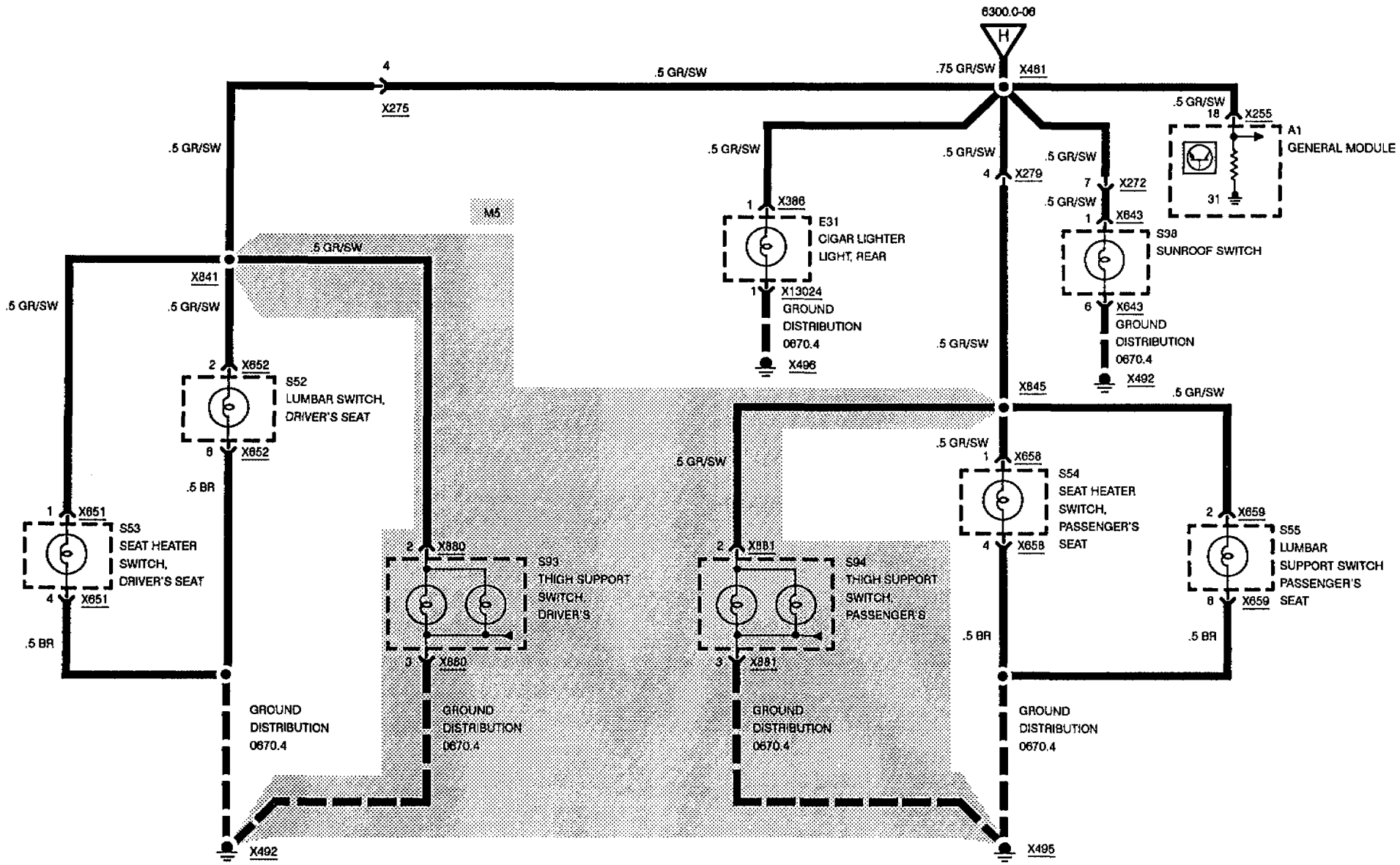


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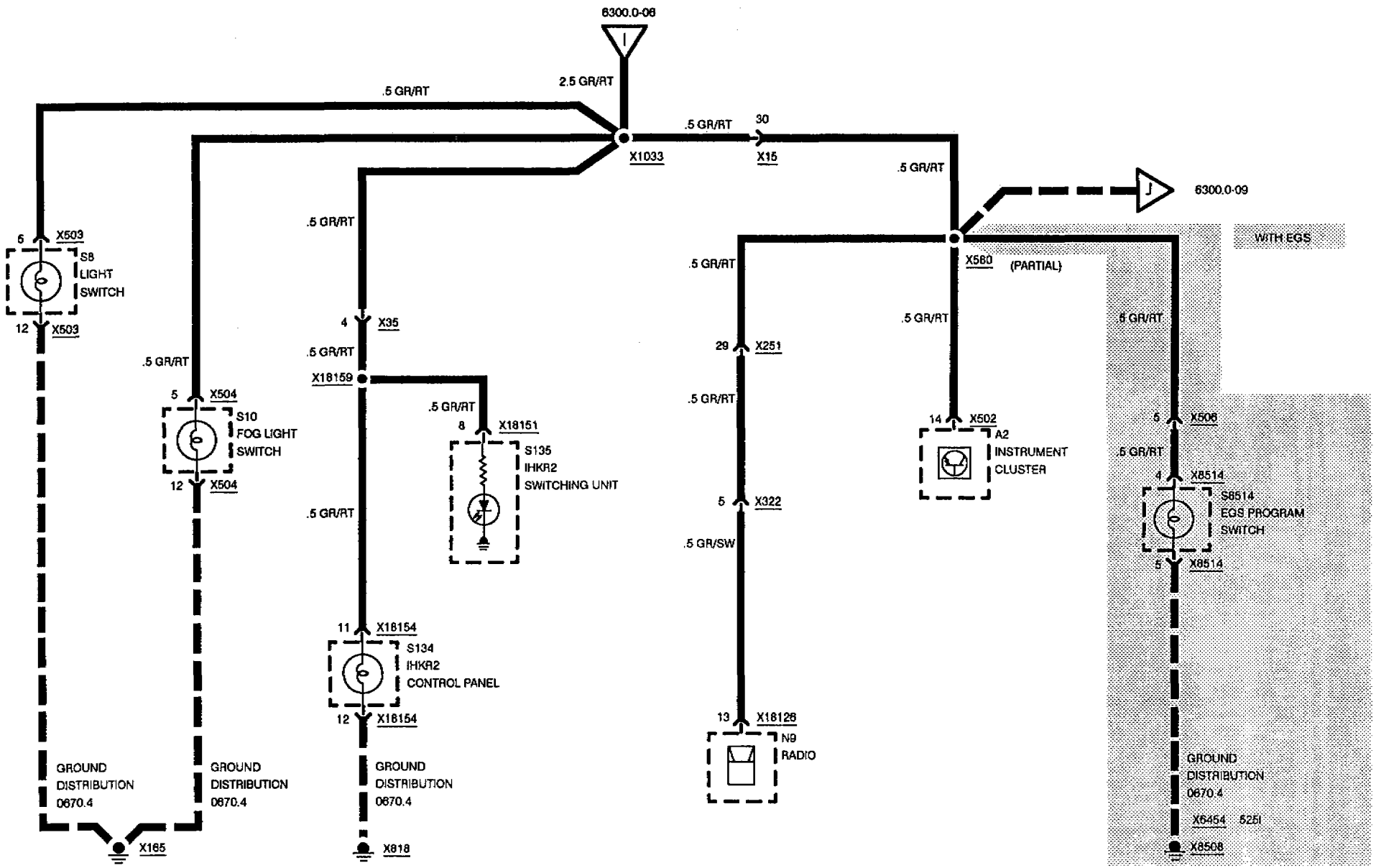
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LIGHT SWITCH DETAILS



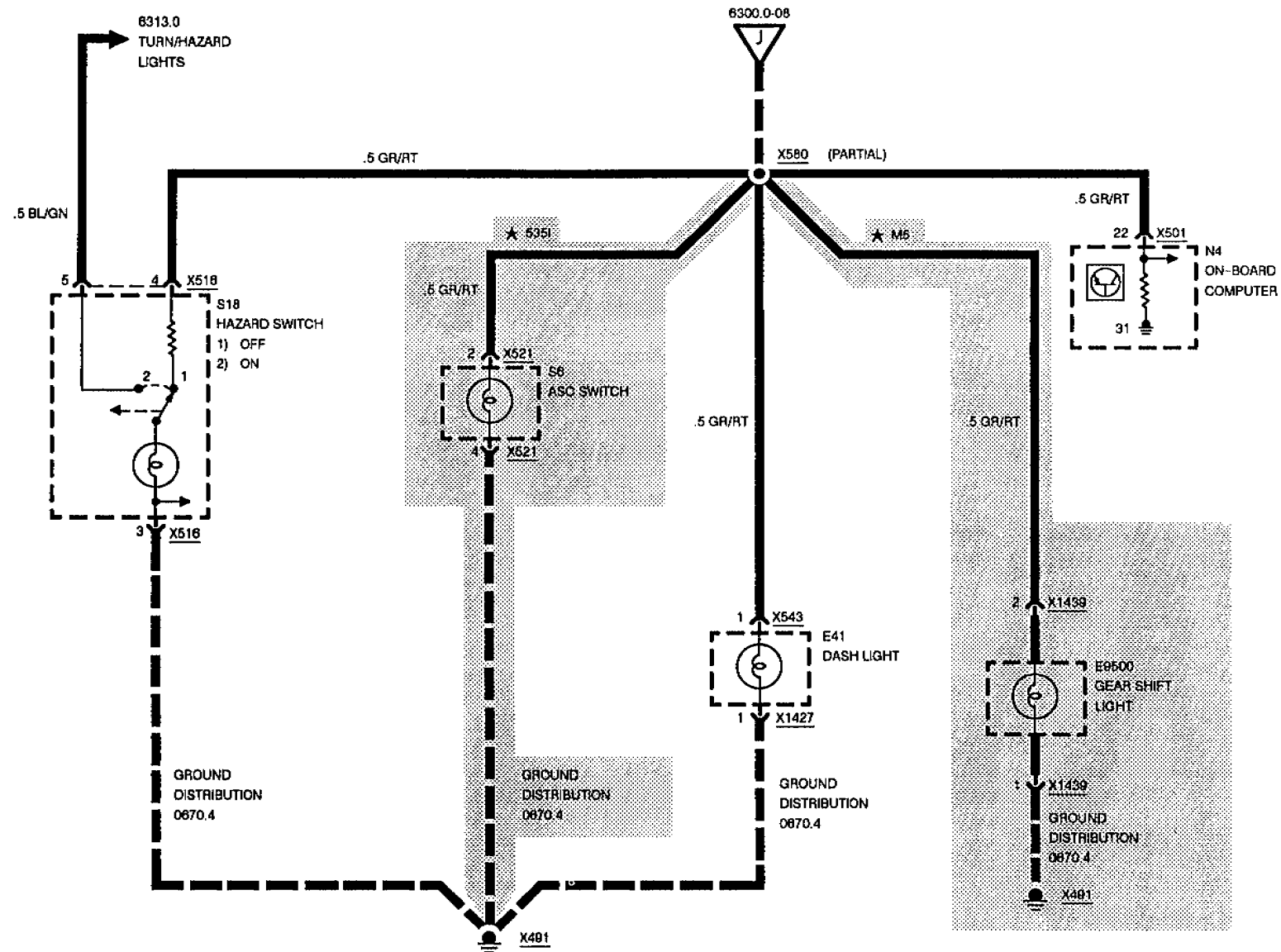
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LIGHT SWITCH DETAILS



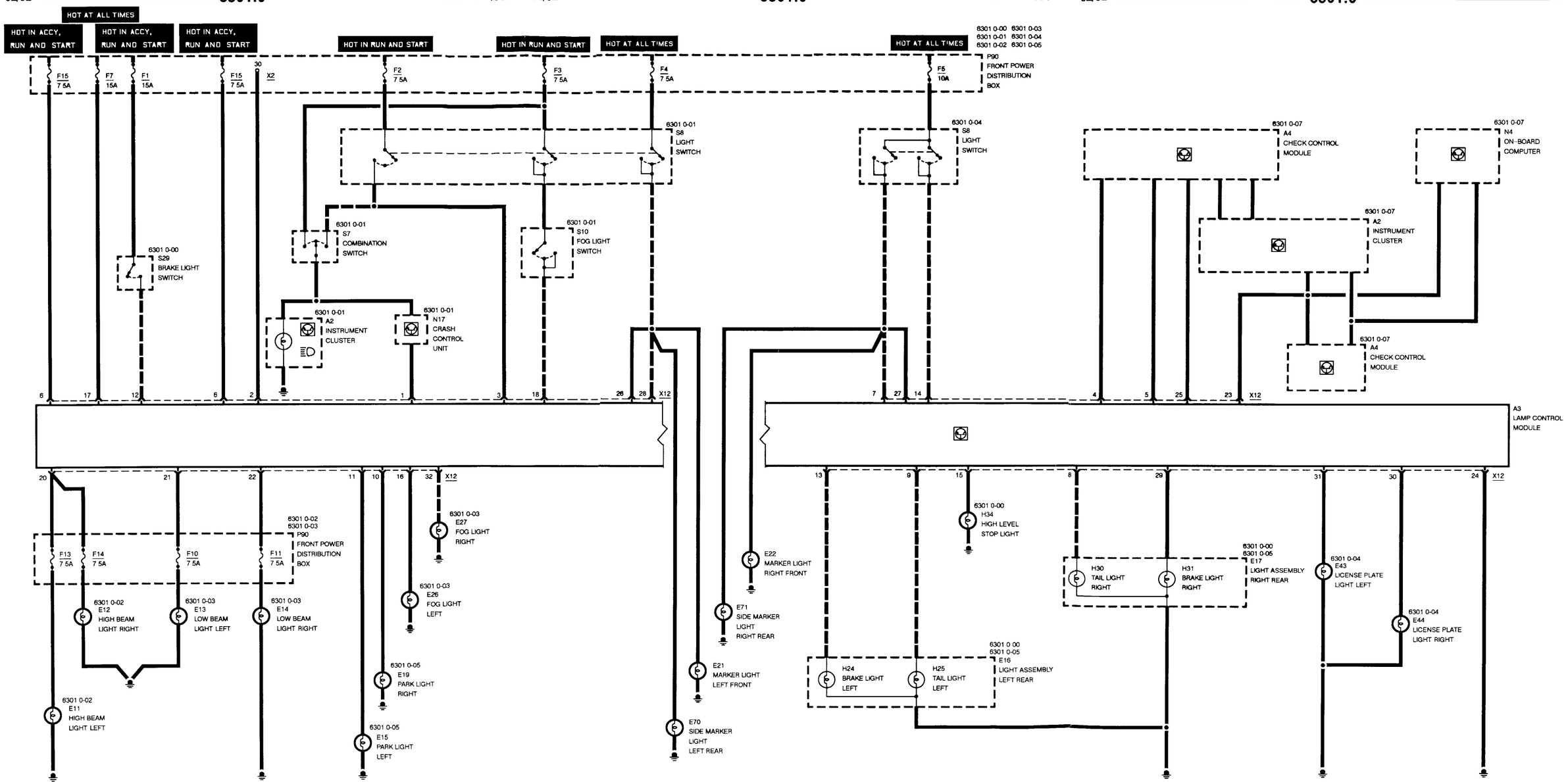
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LIGHT SWITCH DETAILS



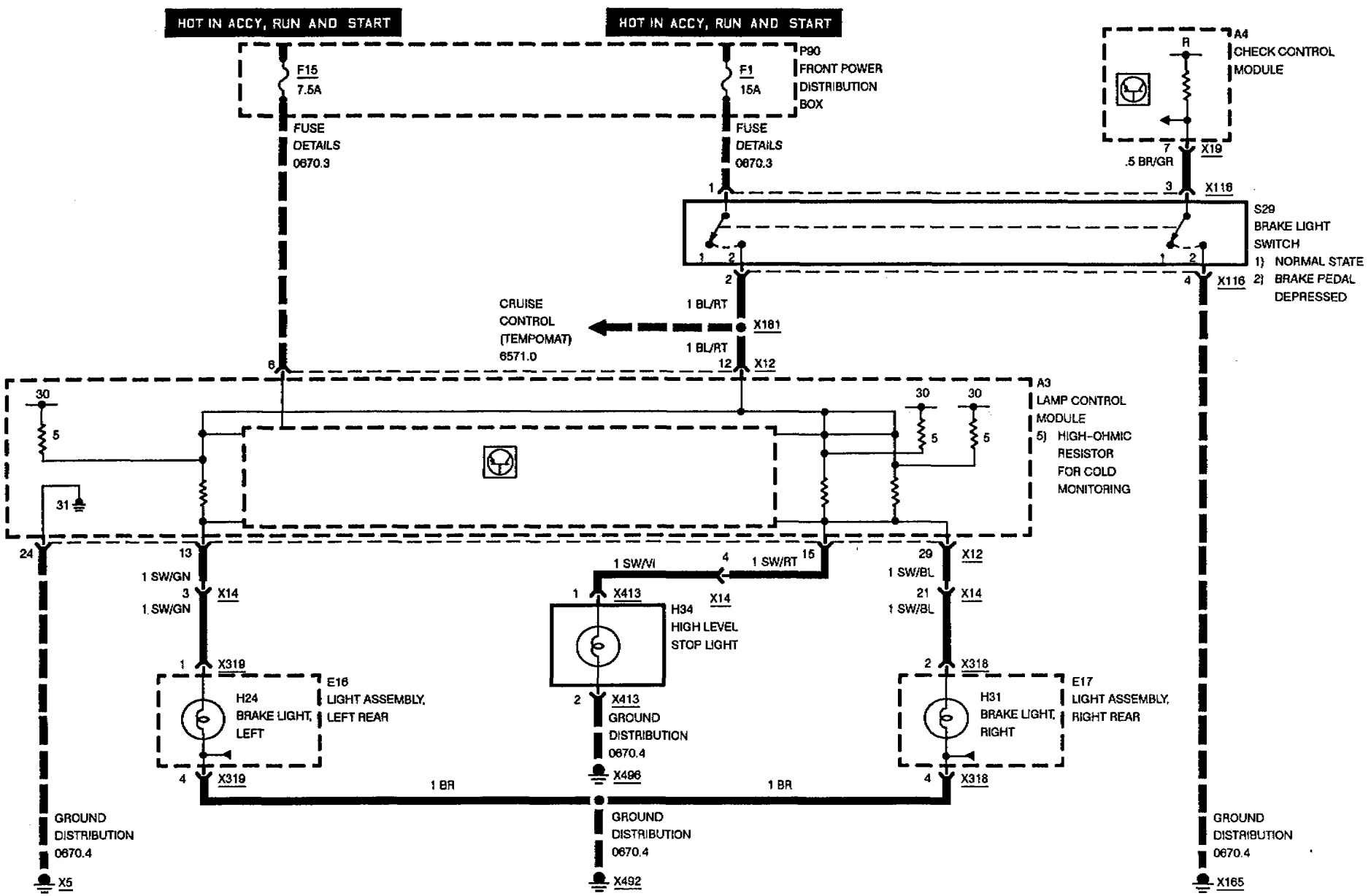
cardiagn.com

02/92 — 6301.0 — 1991
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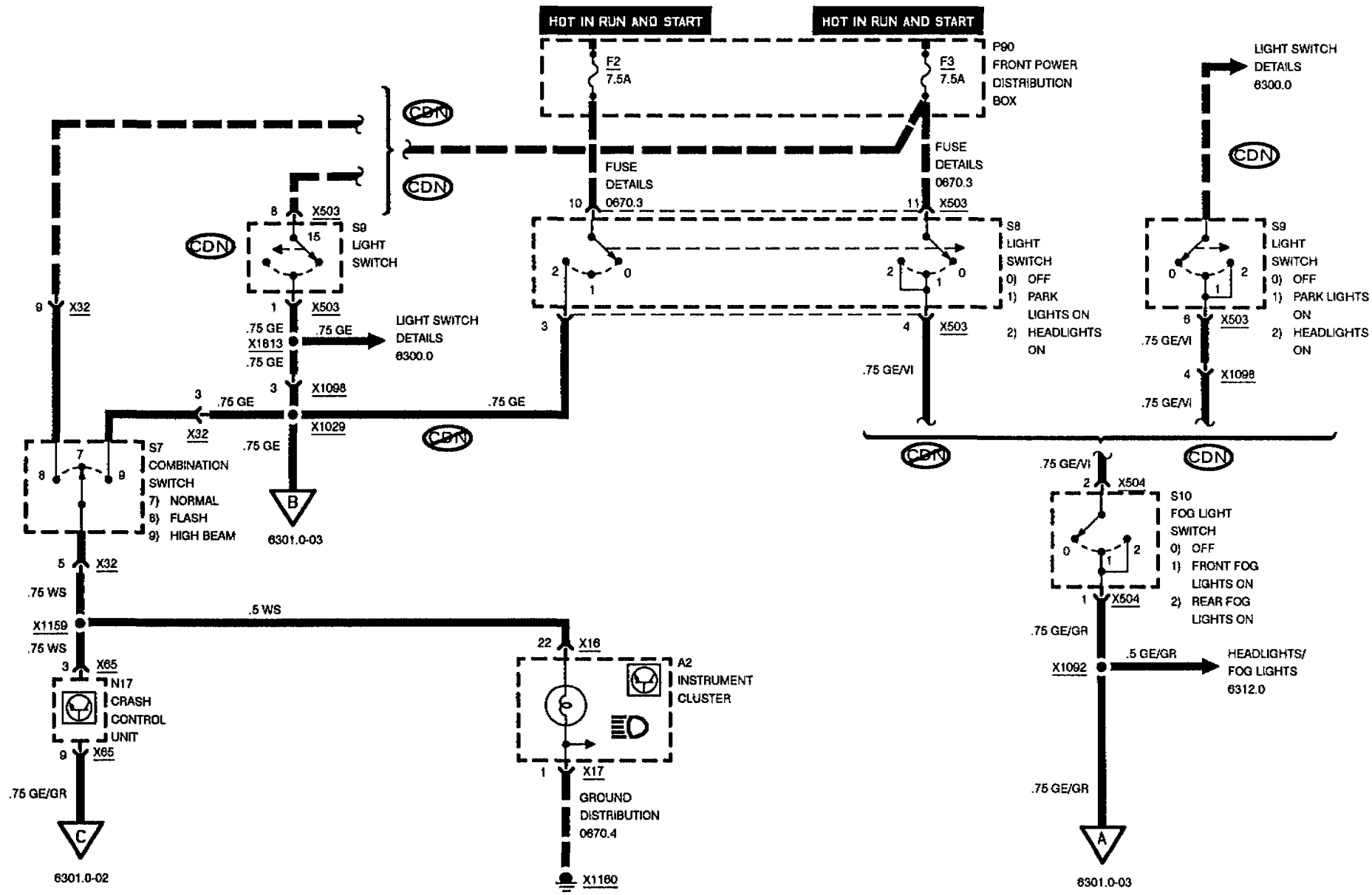
cardiagn.com

LAMP MONITOR (LKM)



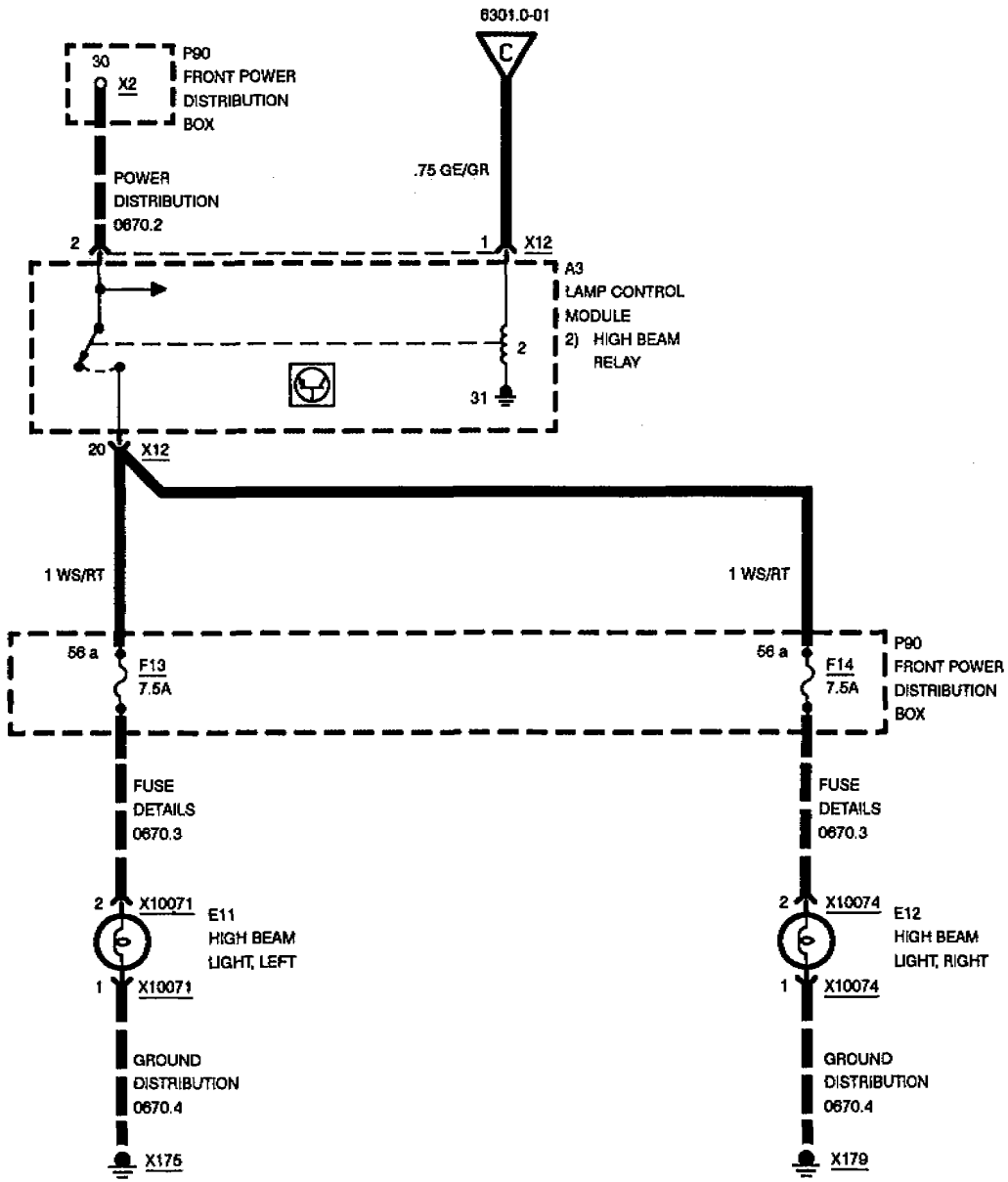
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LAMP MONITOR (LKM)



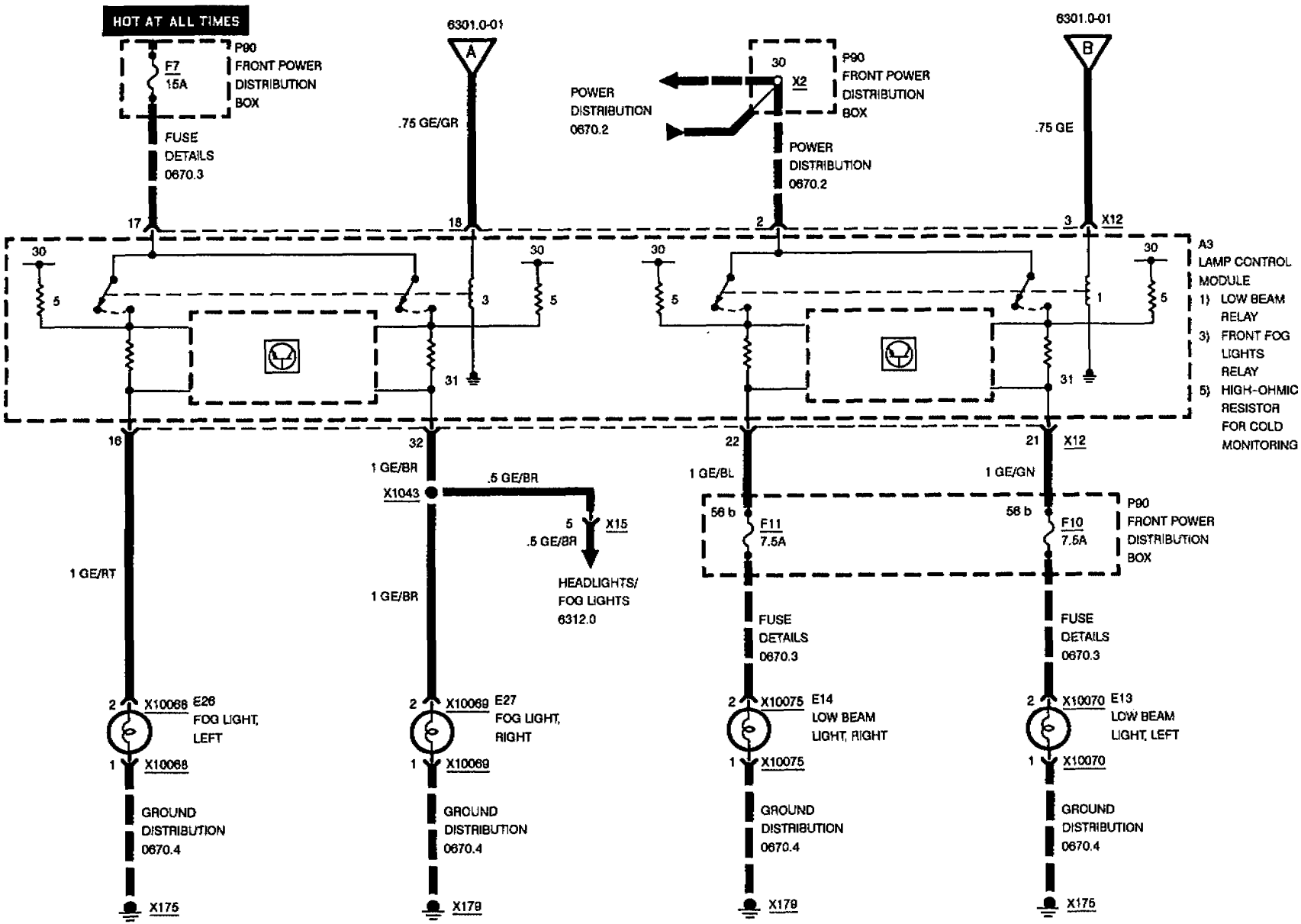
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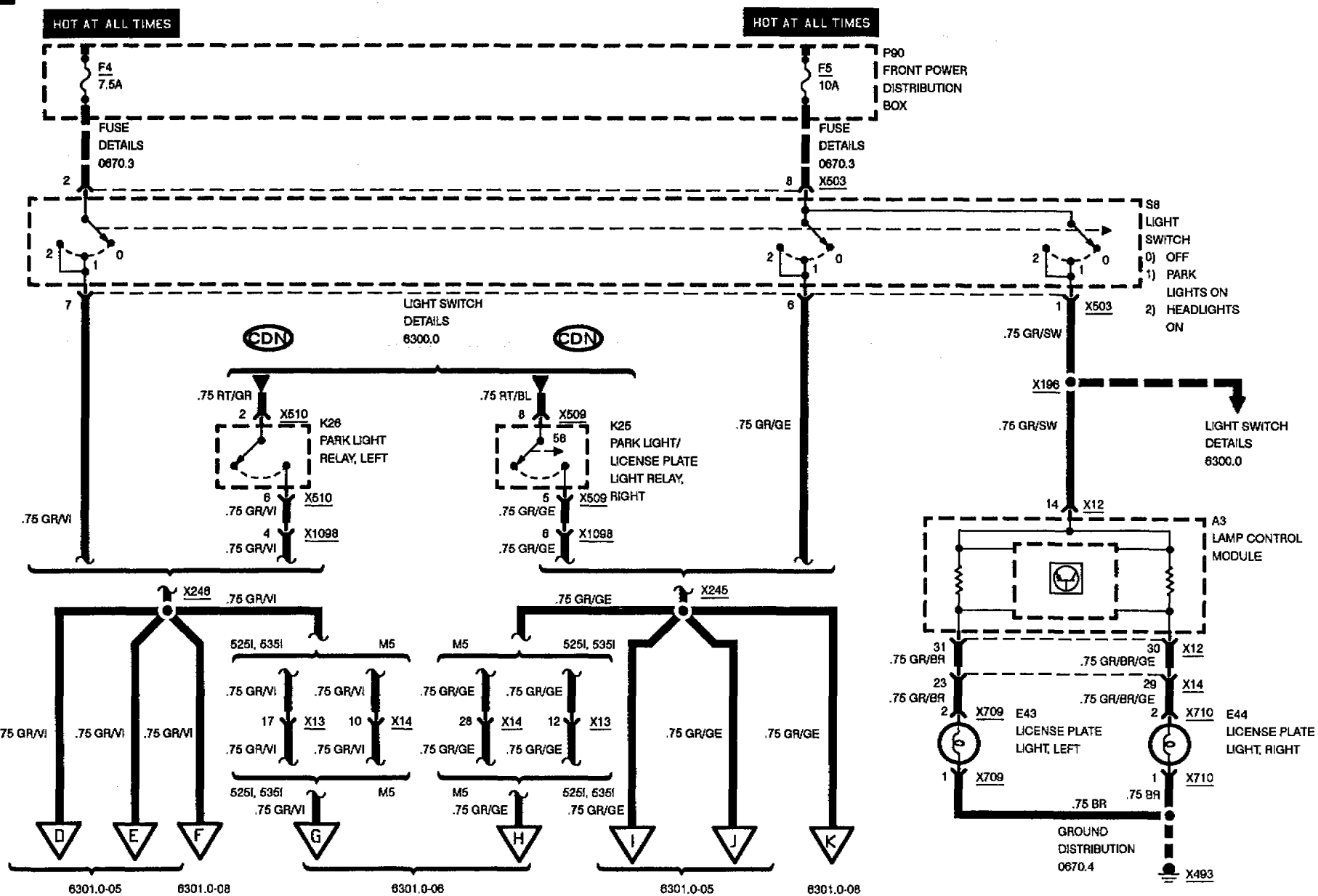
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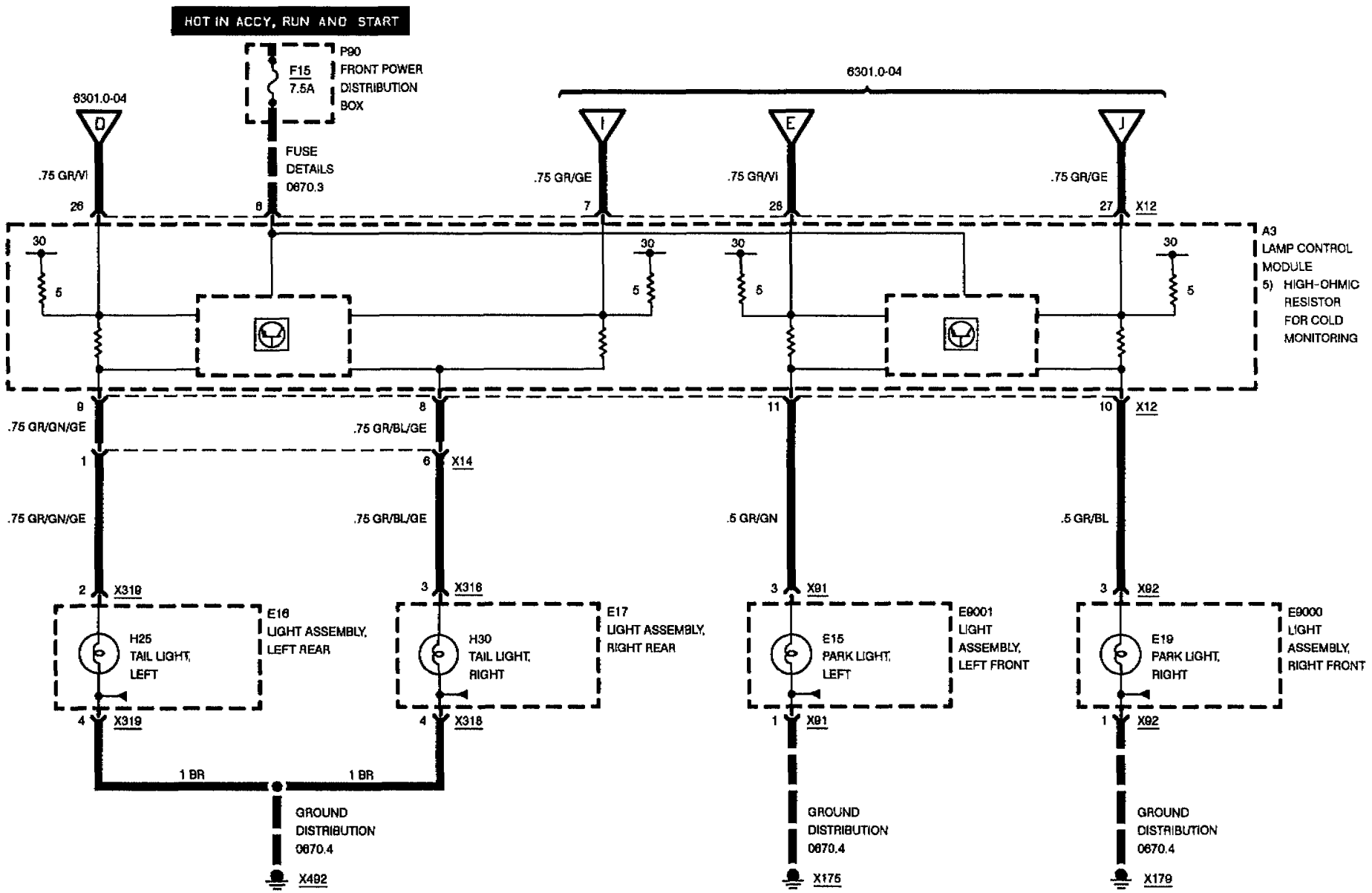
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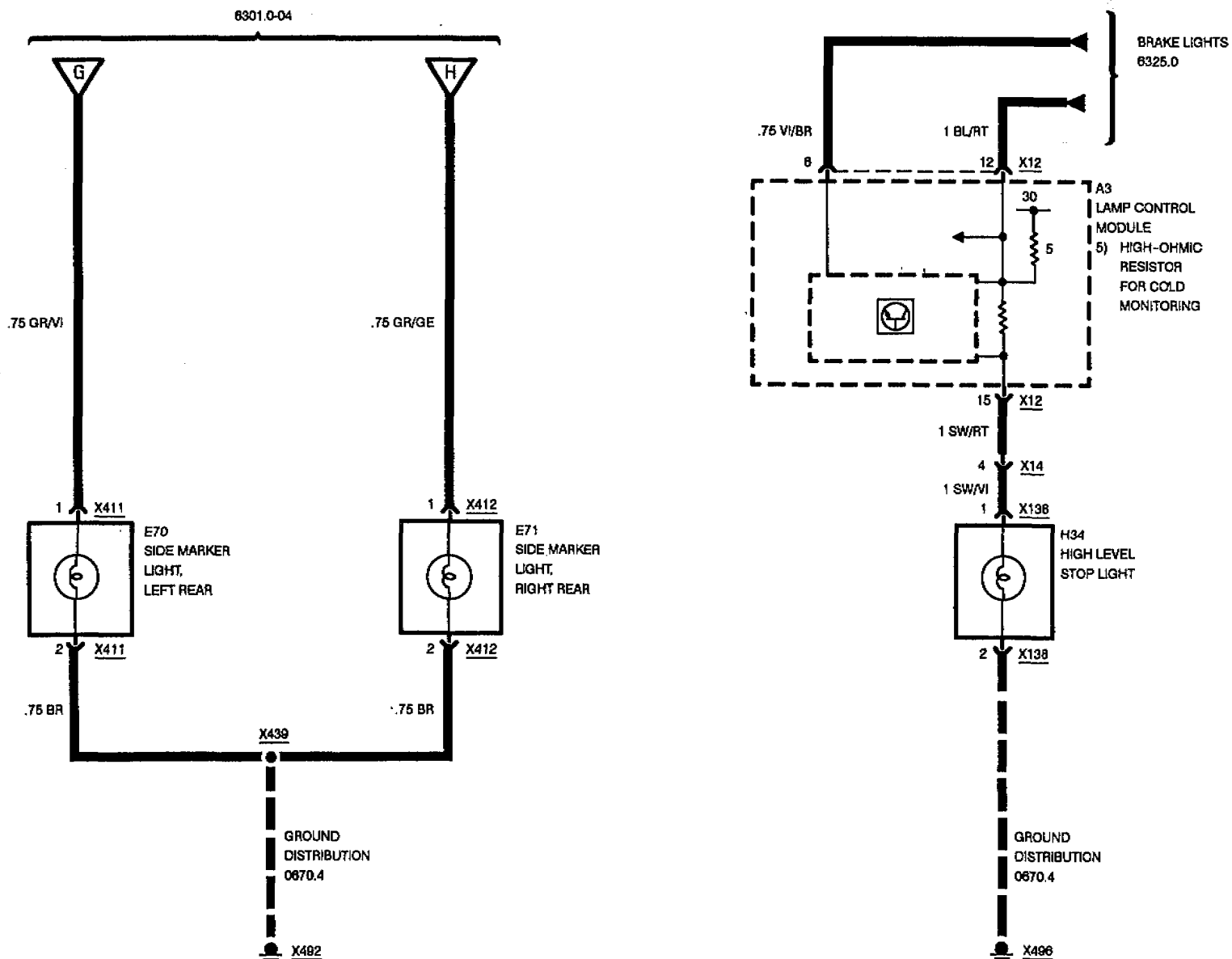
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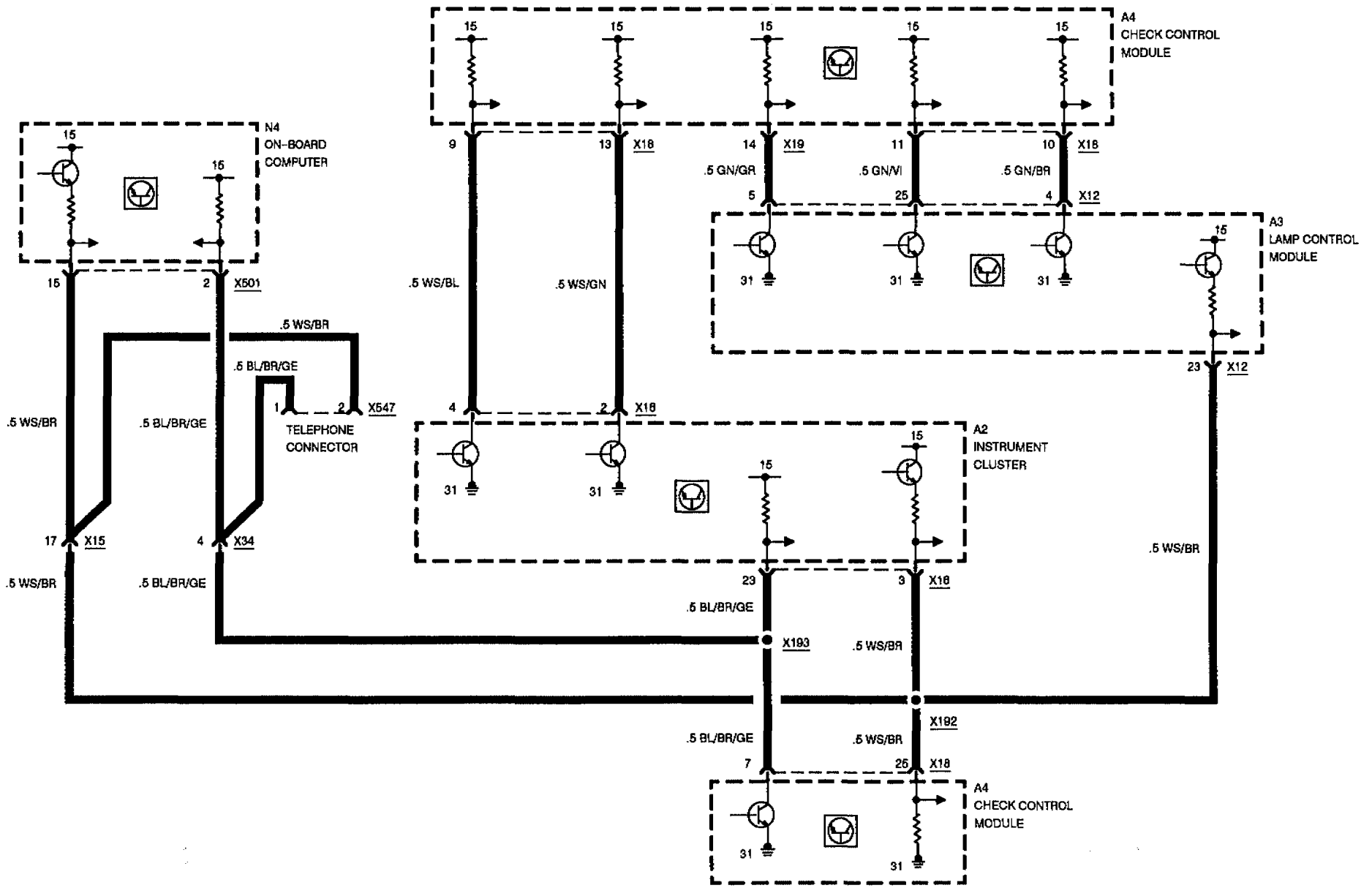
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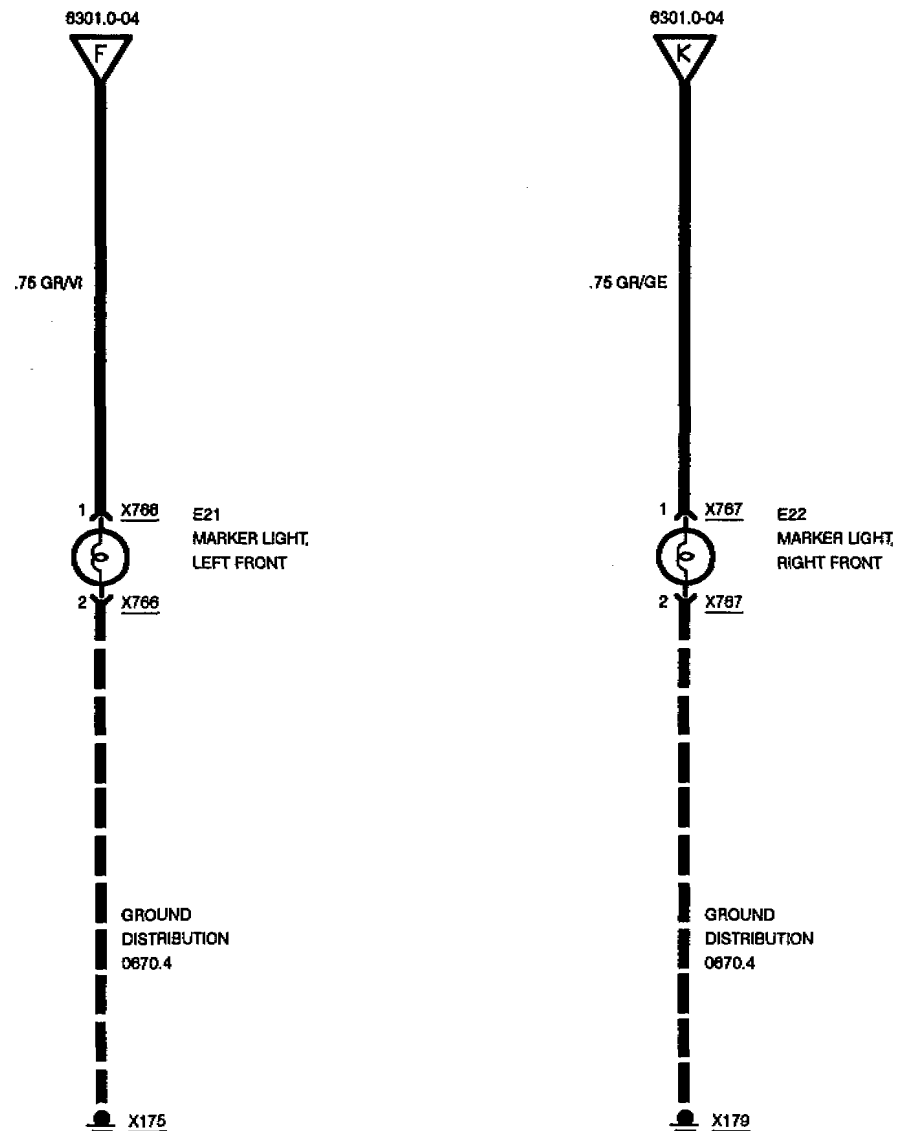
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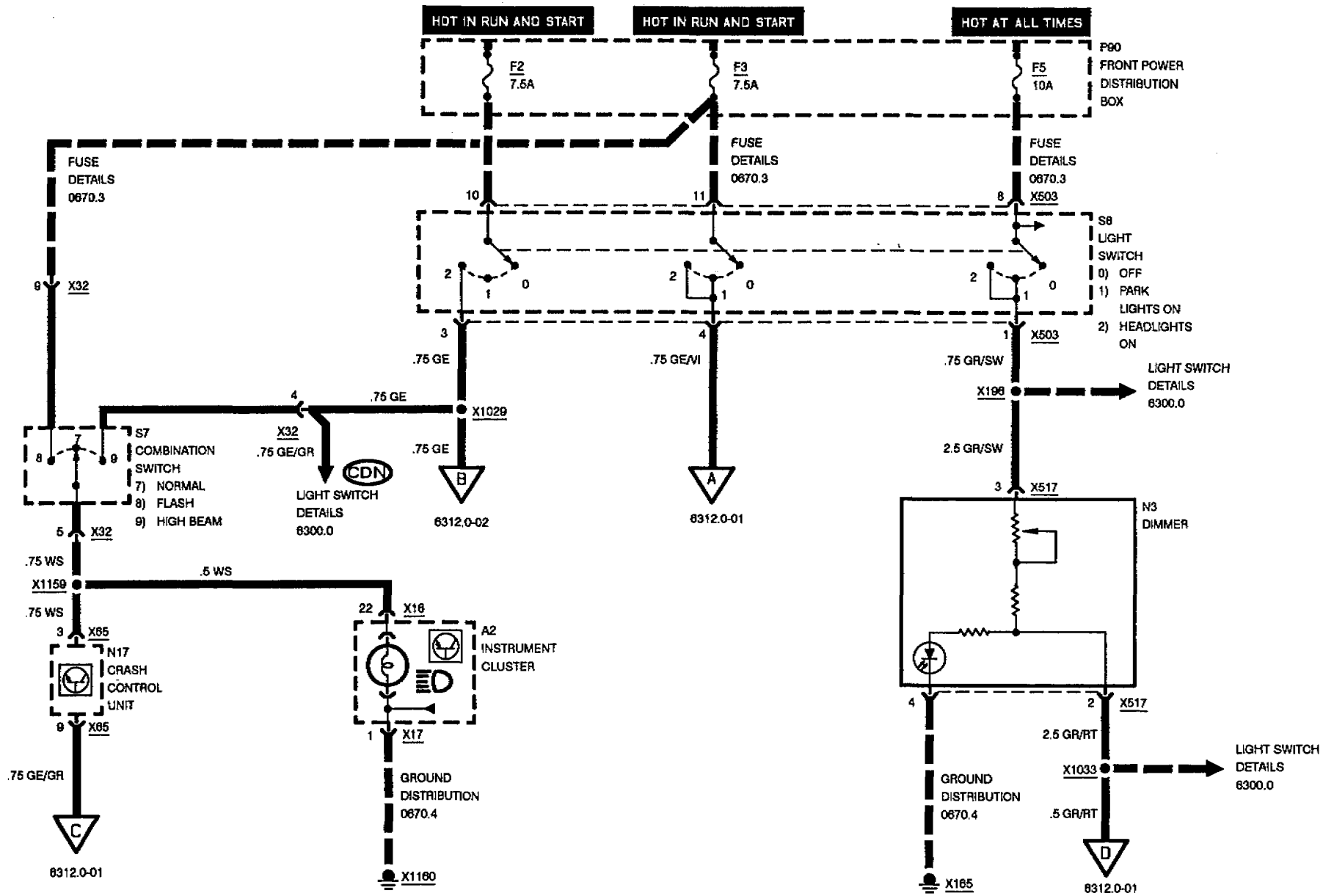
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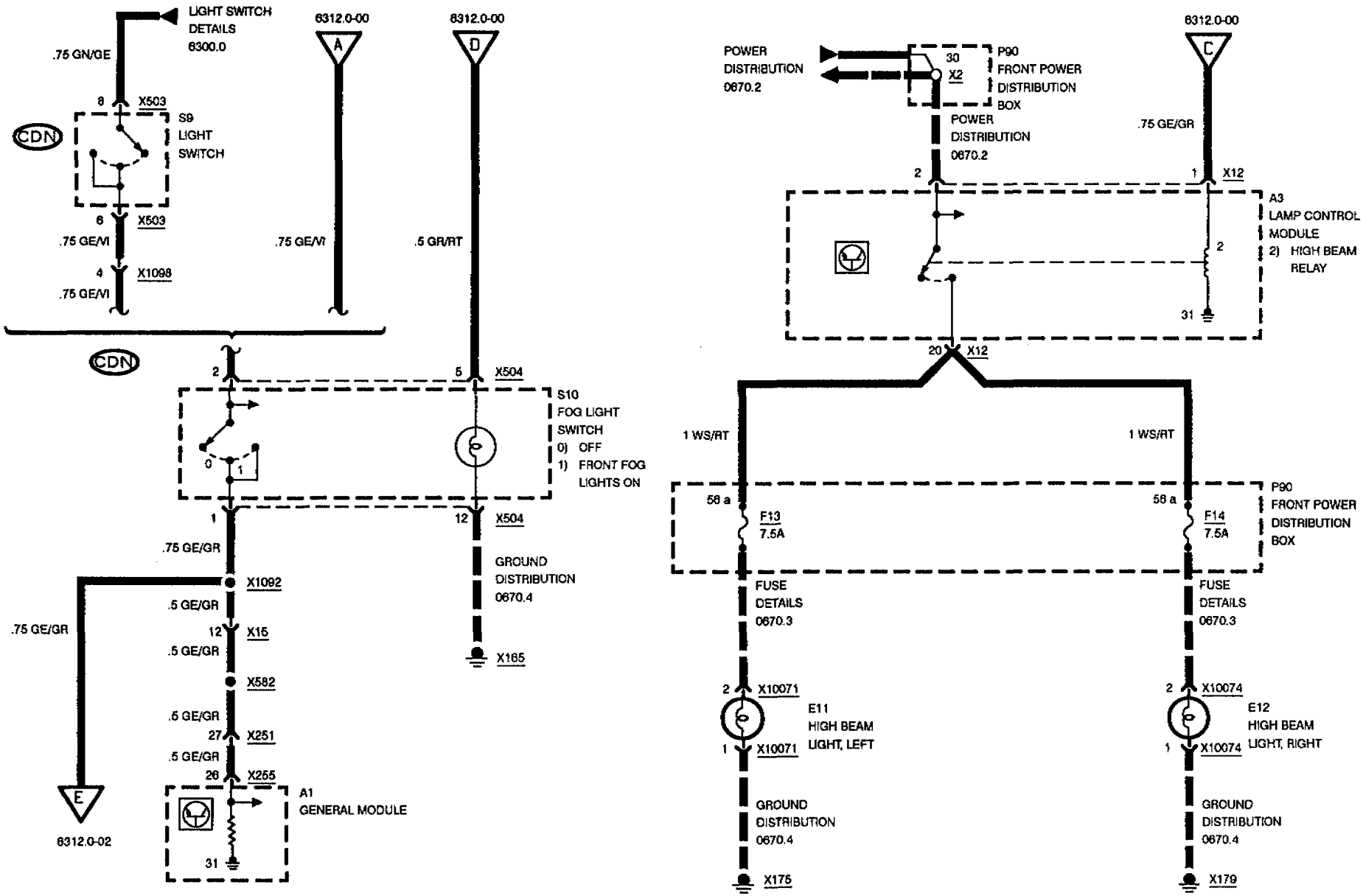
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HEADLIGHTS/ FOG LIGHTS



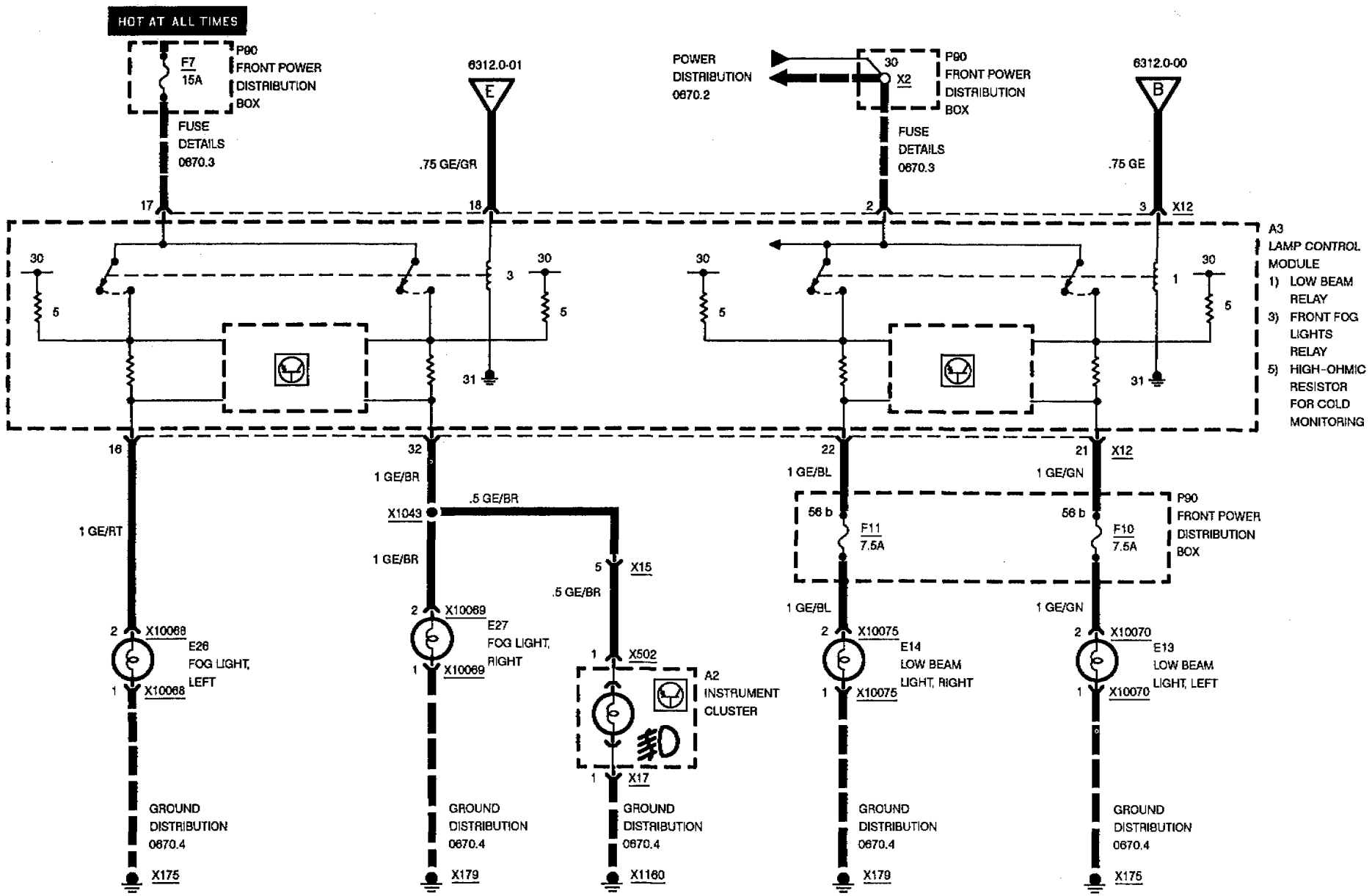
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HEADLIGHTS/ FOG LIGHTS



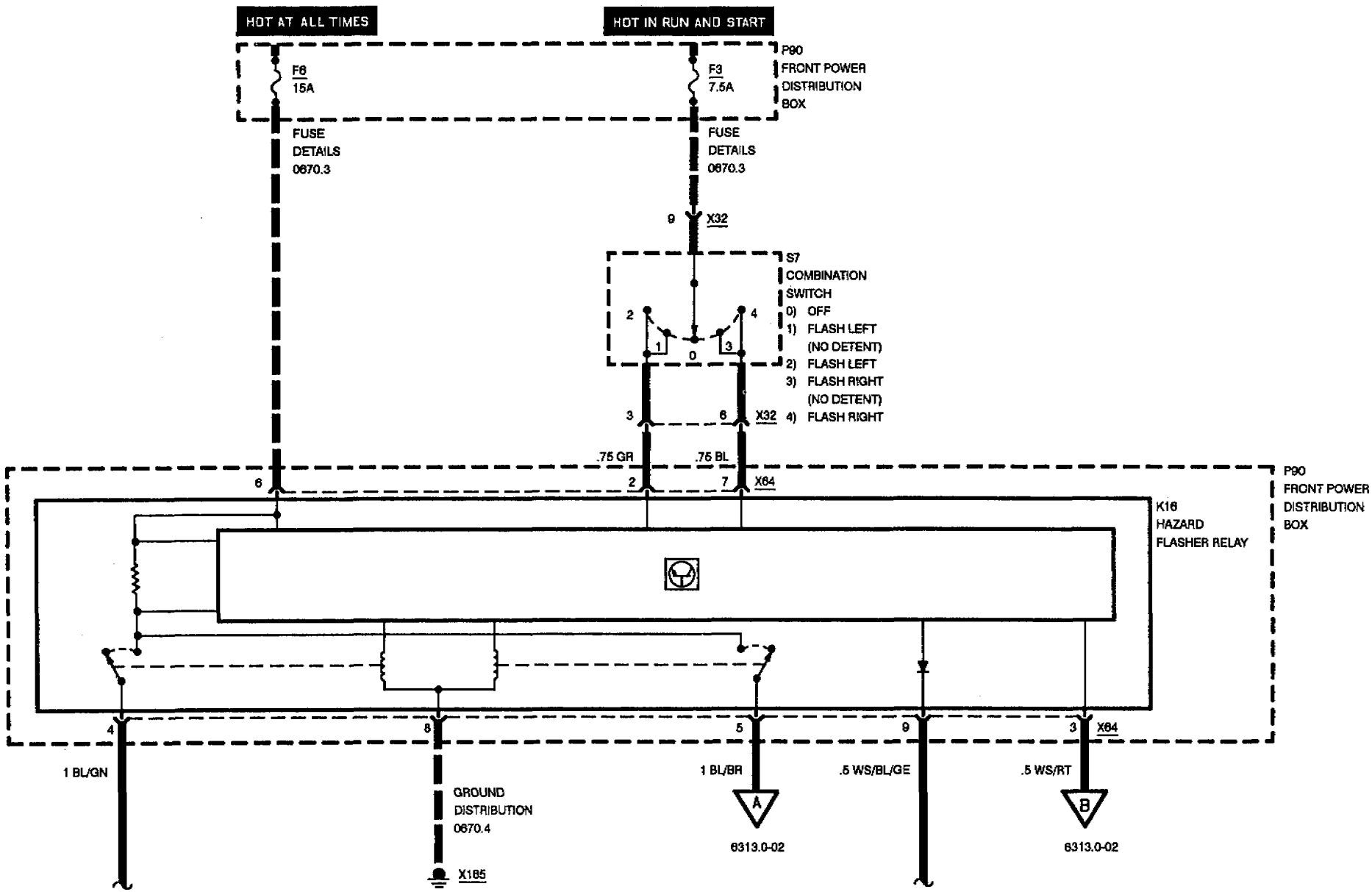
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HEADLIGHTS/ FOG LIGHTS

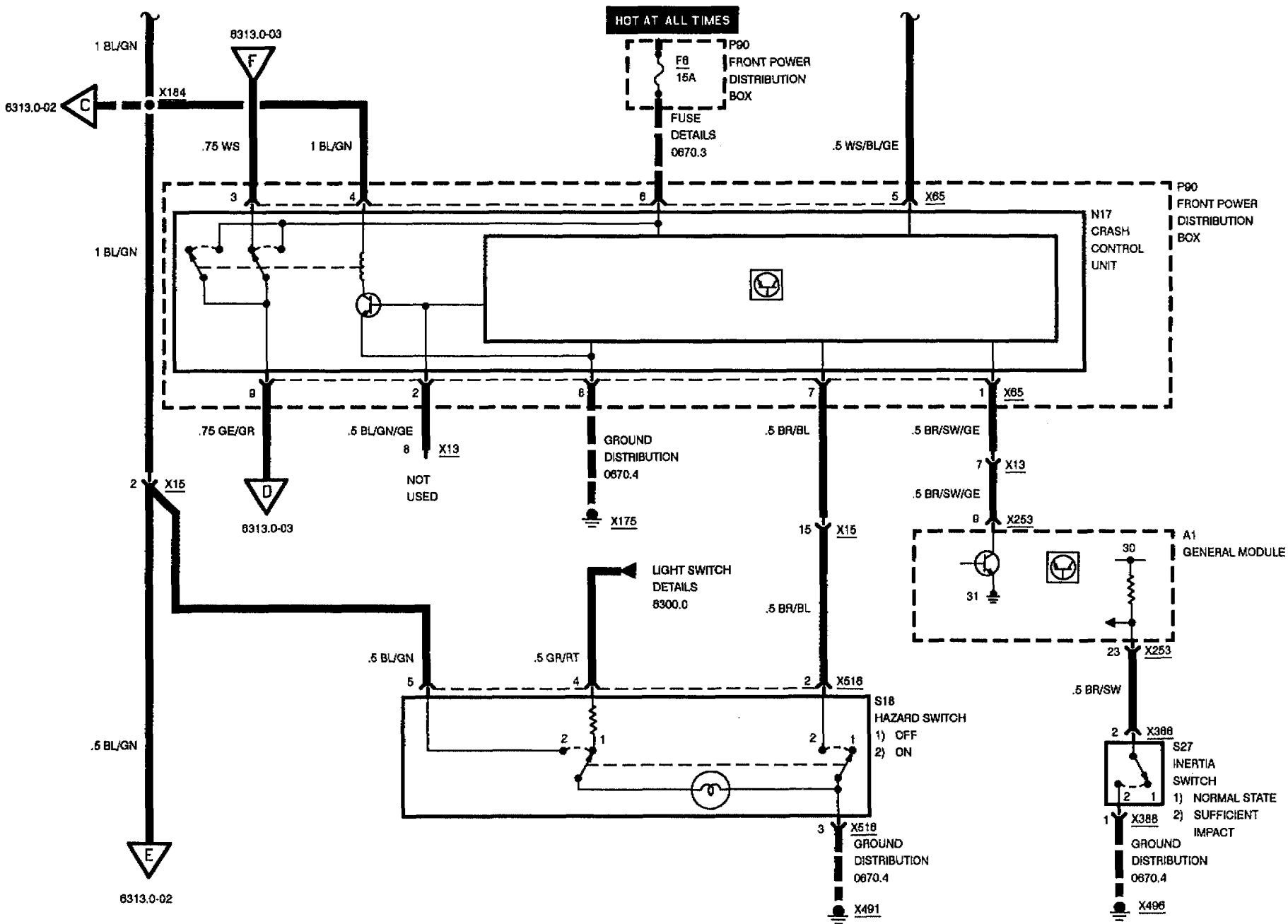


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TURN/HAZARD LIGHTS

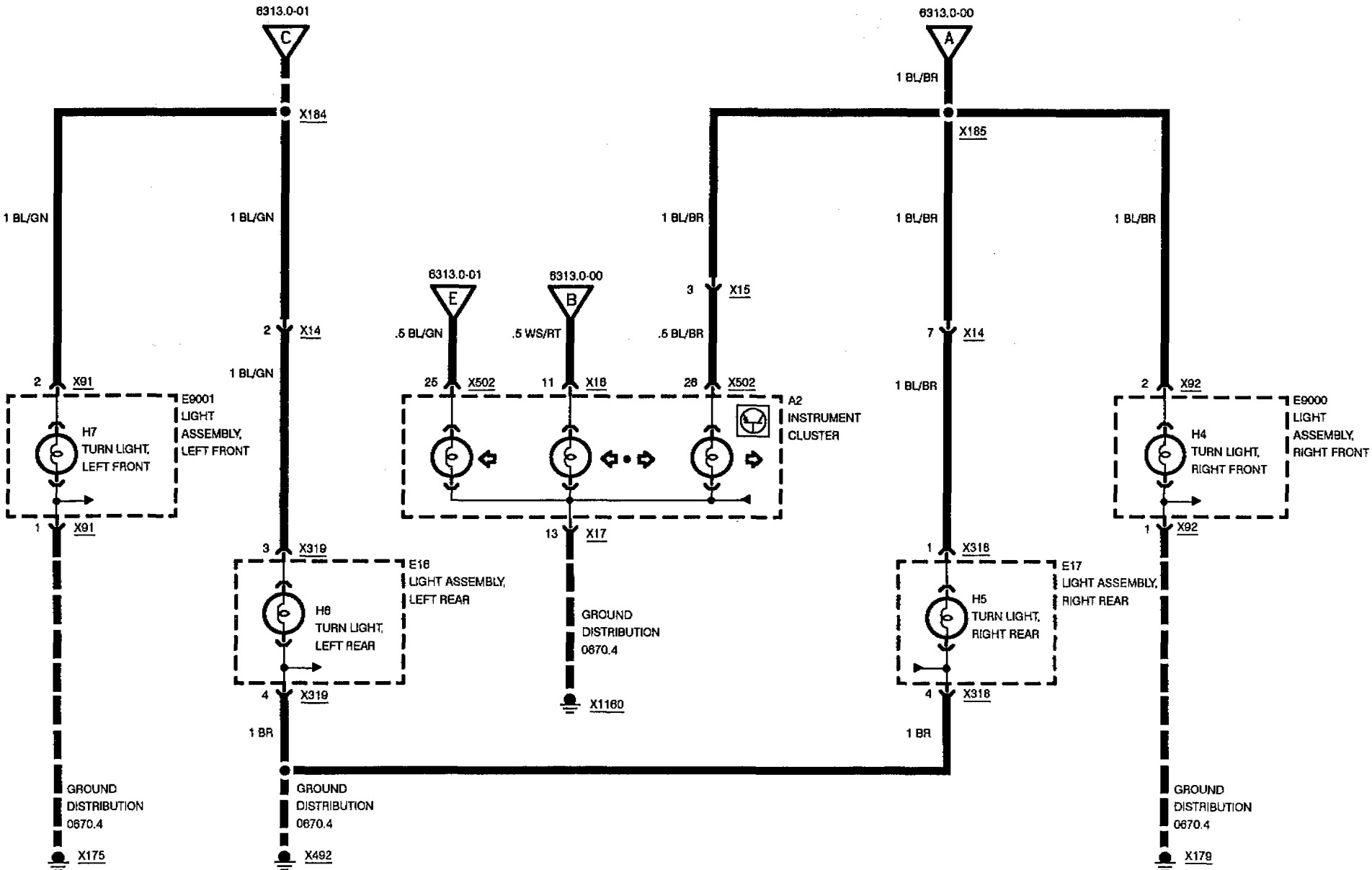


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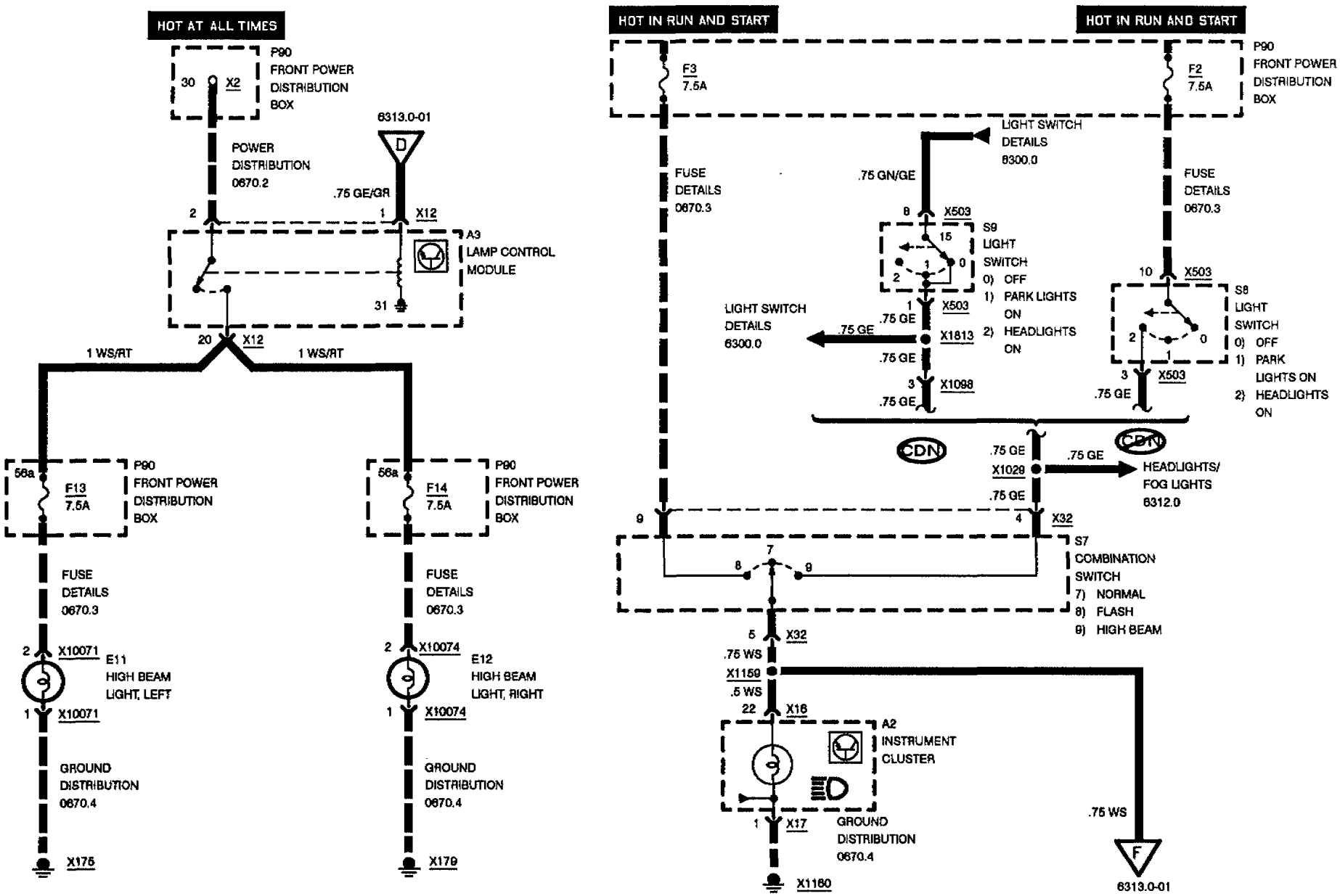
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TURN/HAZARD LIGHTS



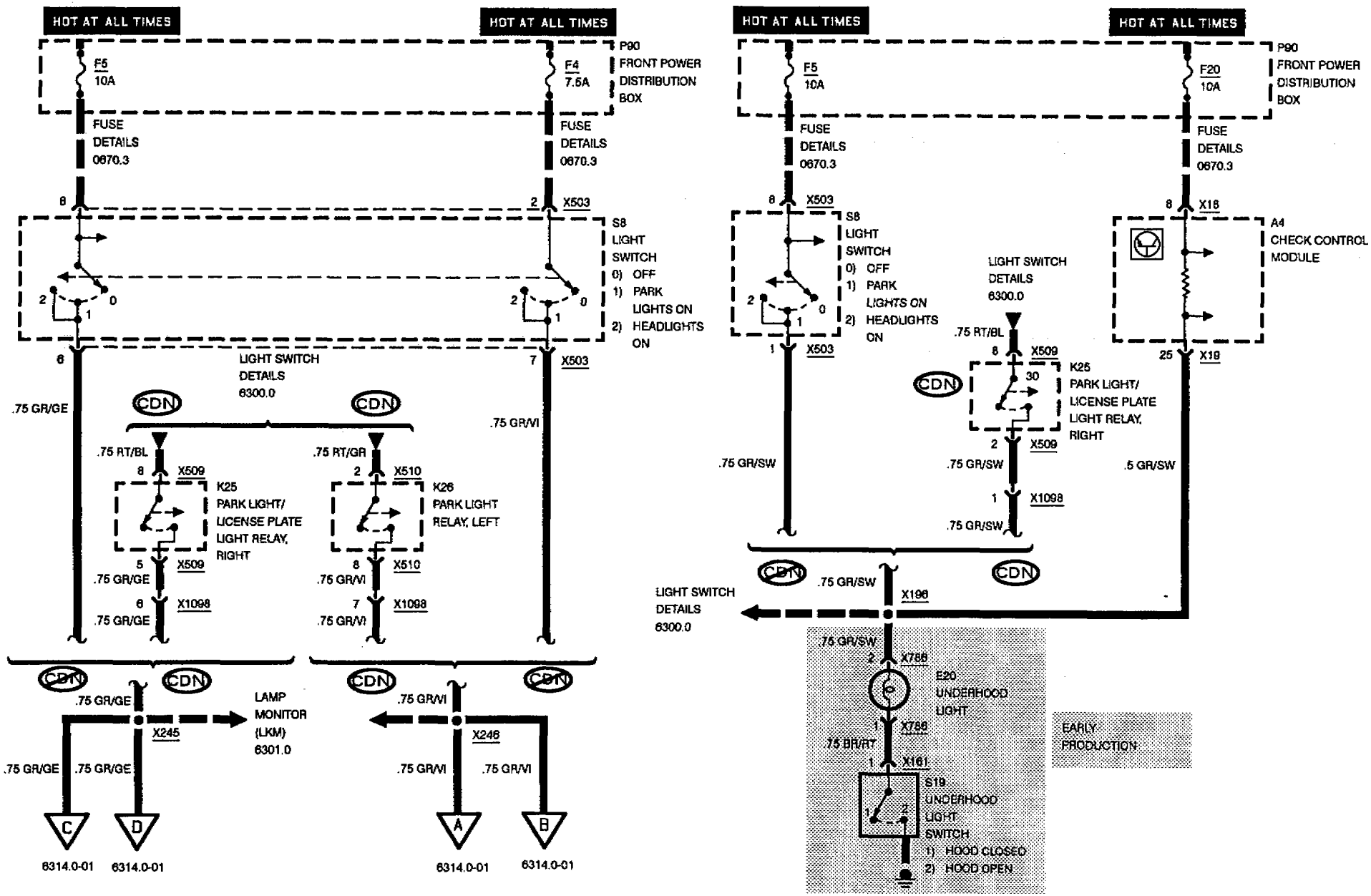
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TURN/HAZARD LIGHTS



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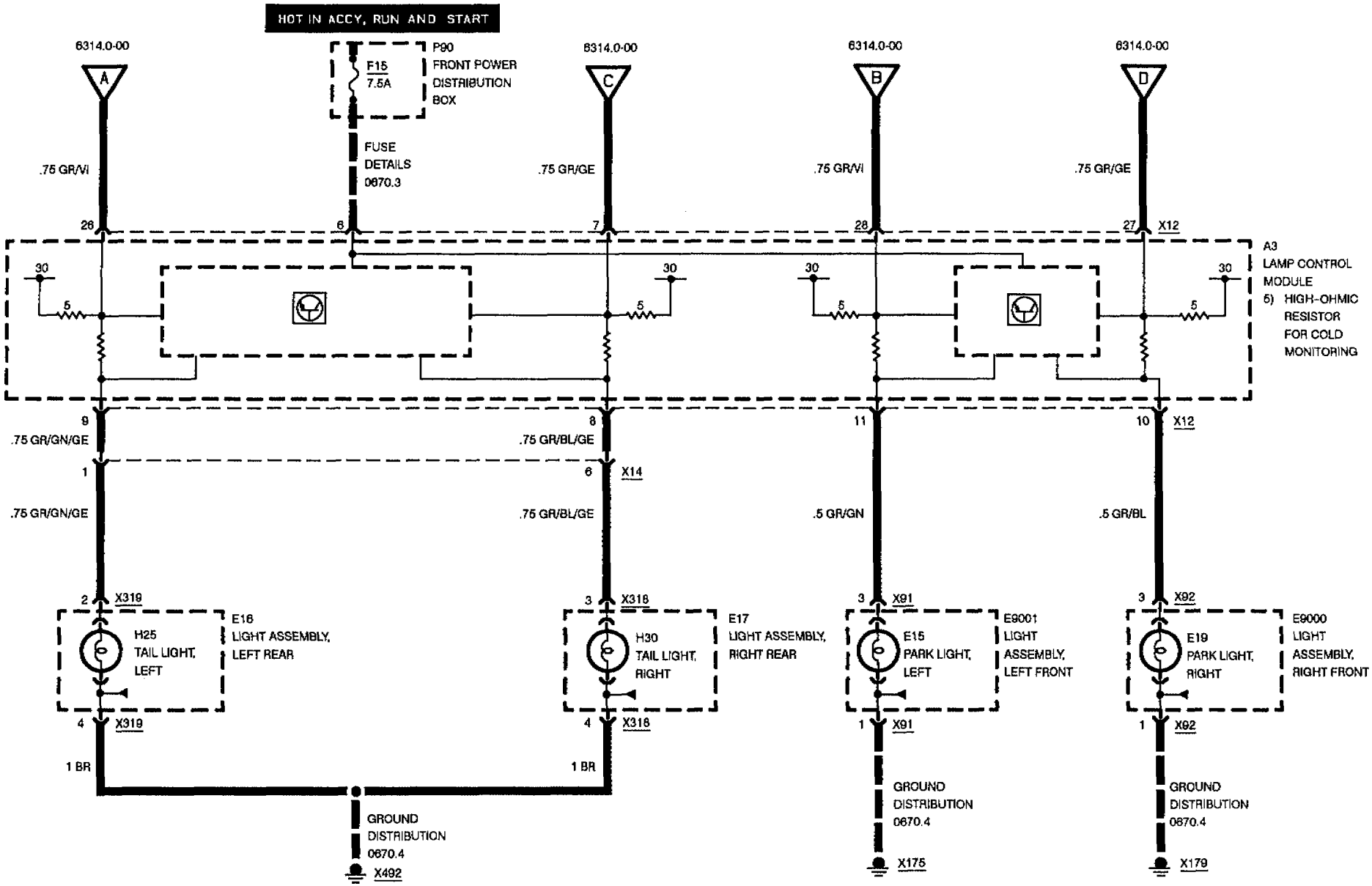
PARK/TAIL/ UNDERHOOD LIGHTS



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PARK/TAIL/ UNDERHOOD LIGHTS

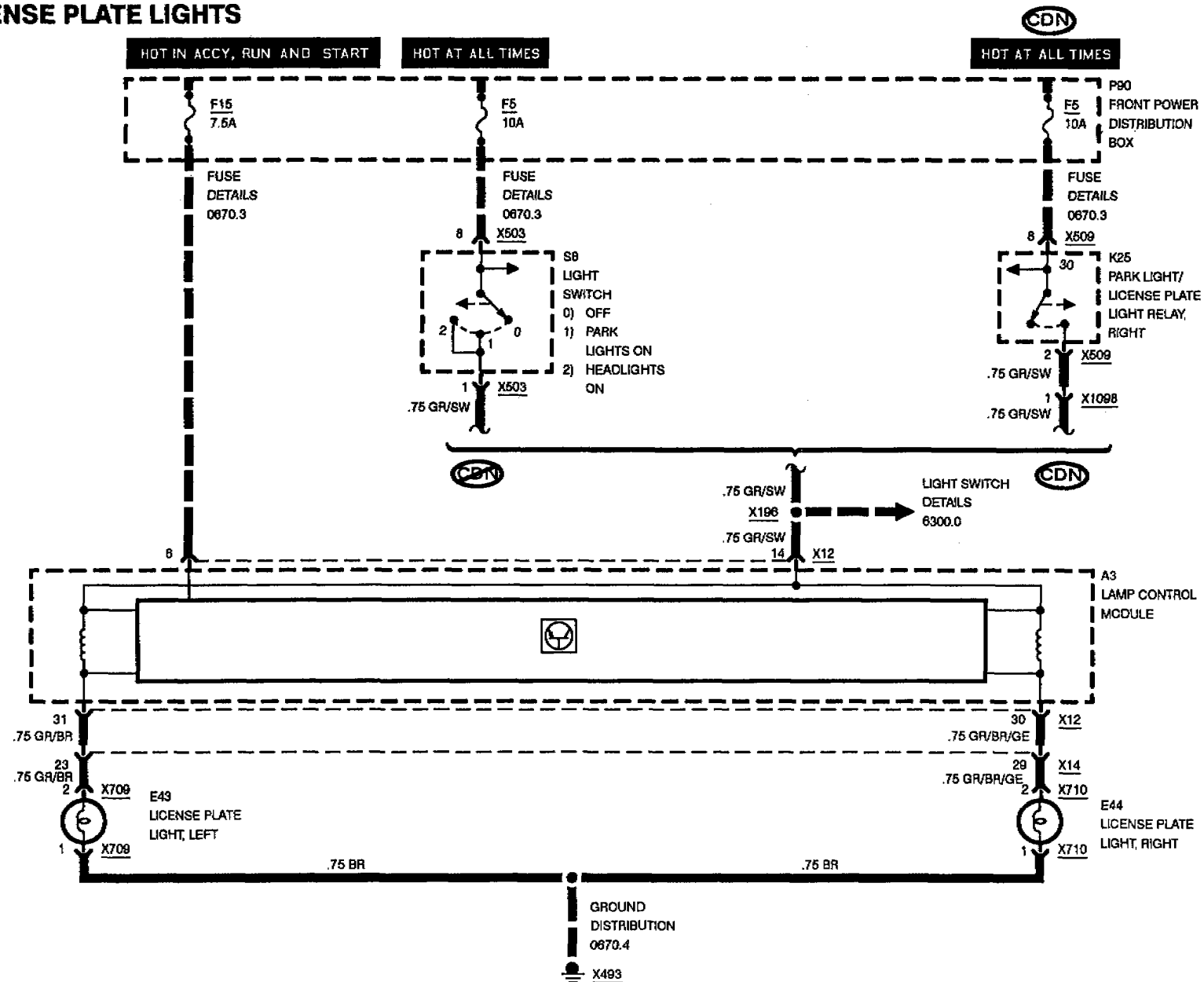
FRONT AND REAR PARK LIGHTS



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LICENSE PLATE/ LUGGAGE COMPARTMENT LIGHTS

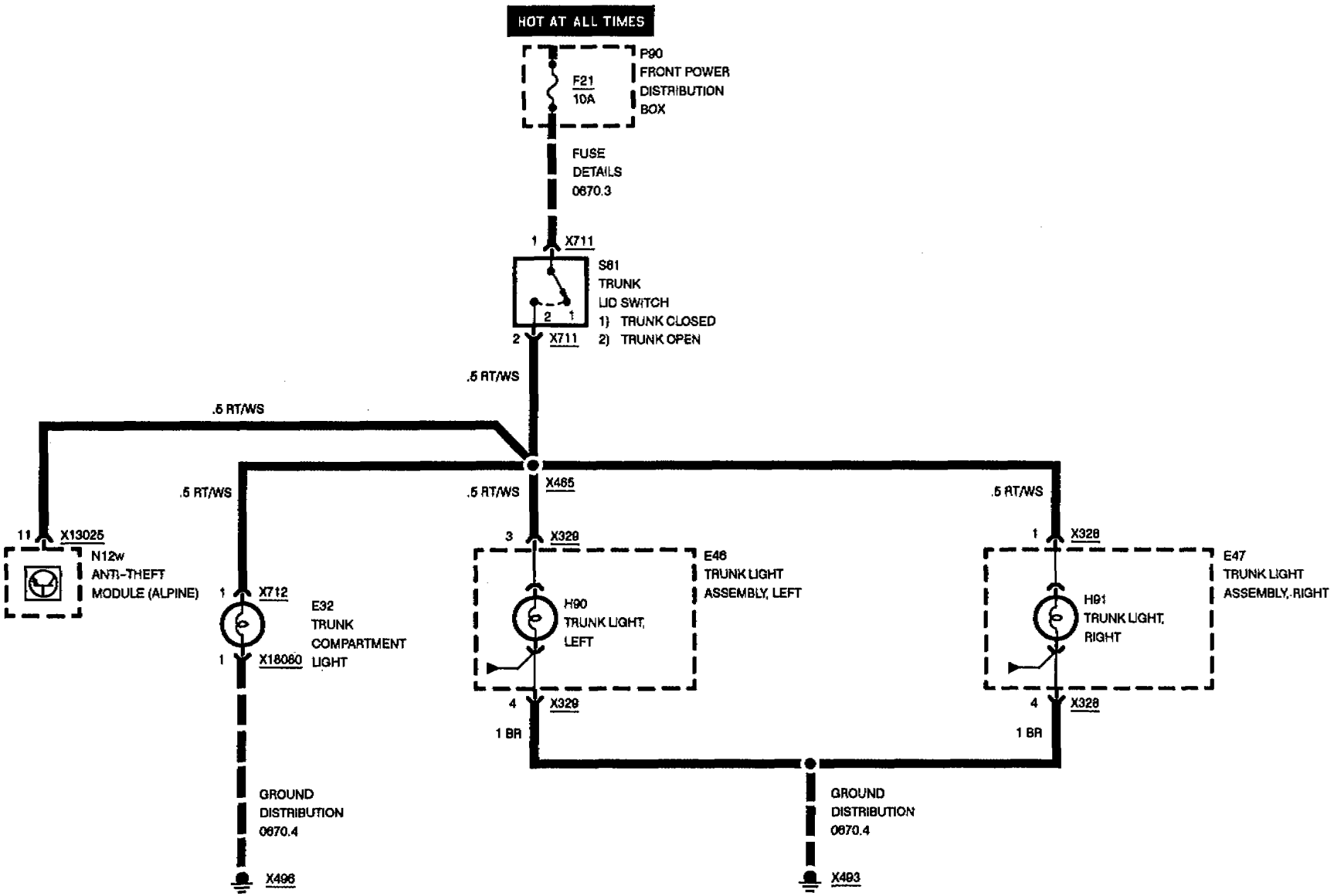
LICENSE PLATE LIGHTS



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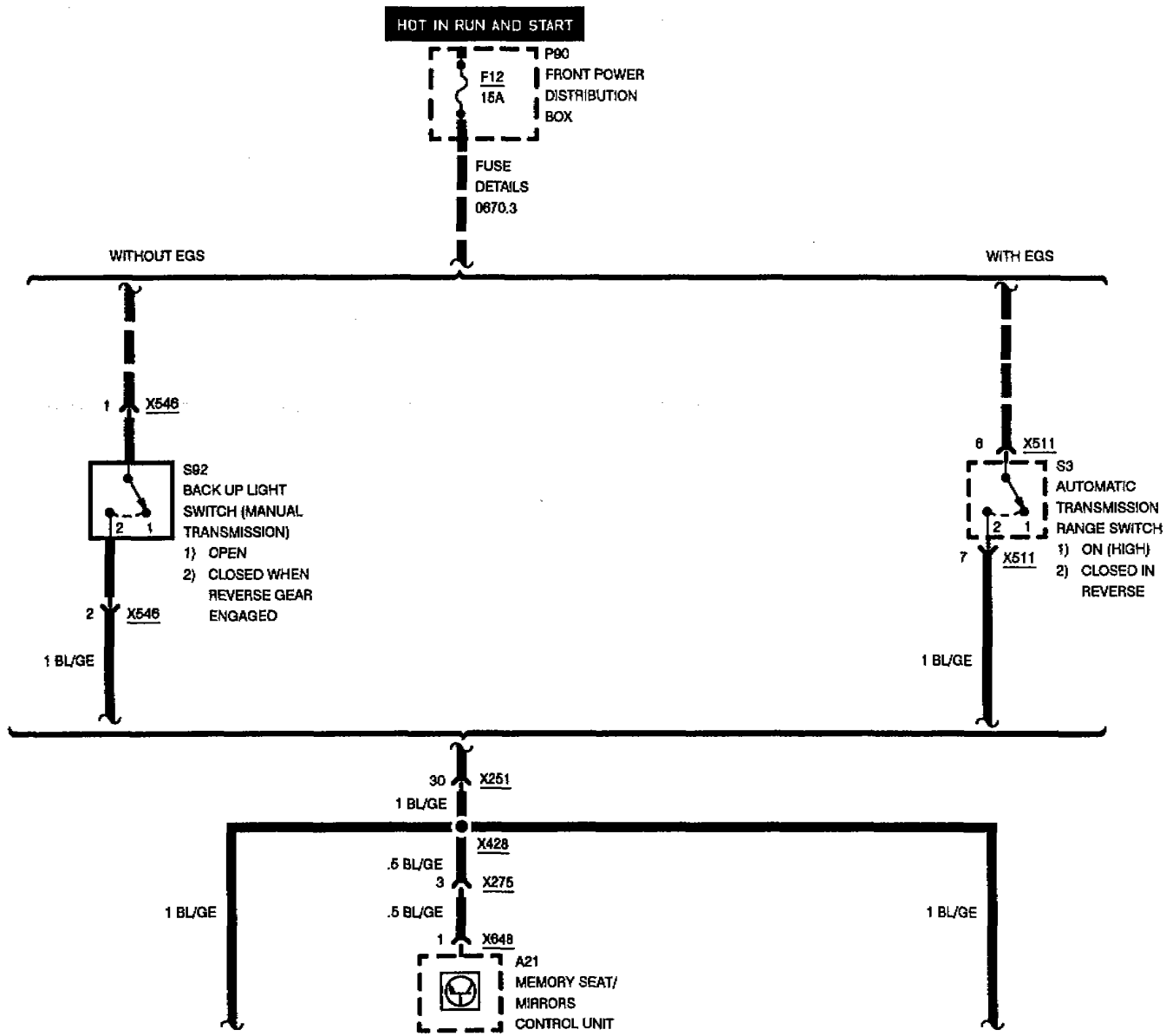
LICENSE PLATE/ LUGGAGE COMPARTMENT LIGHTS

TRUNK LIGHTS

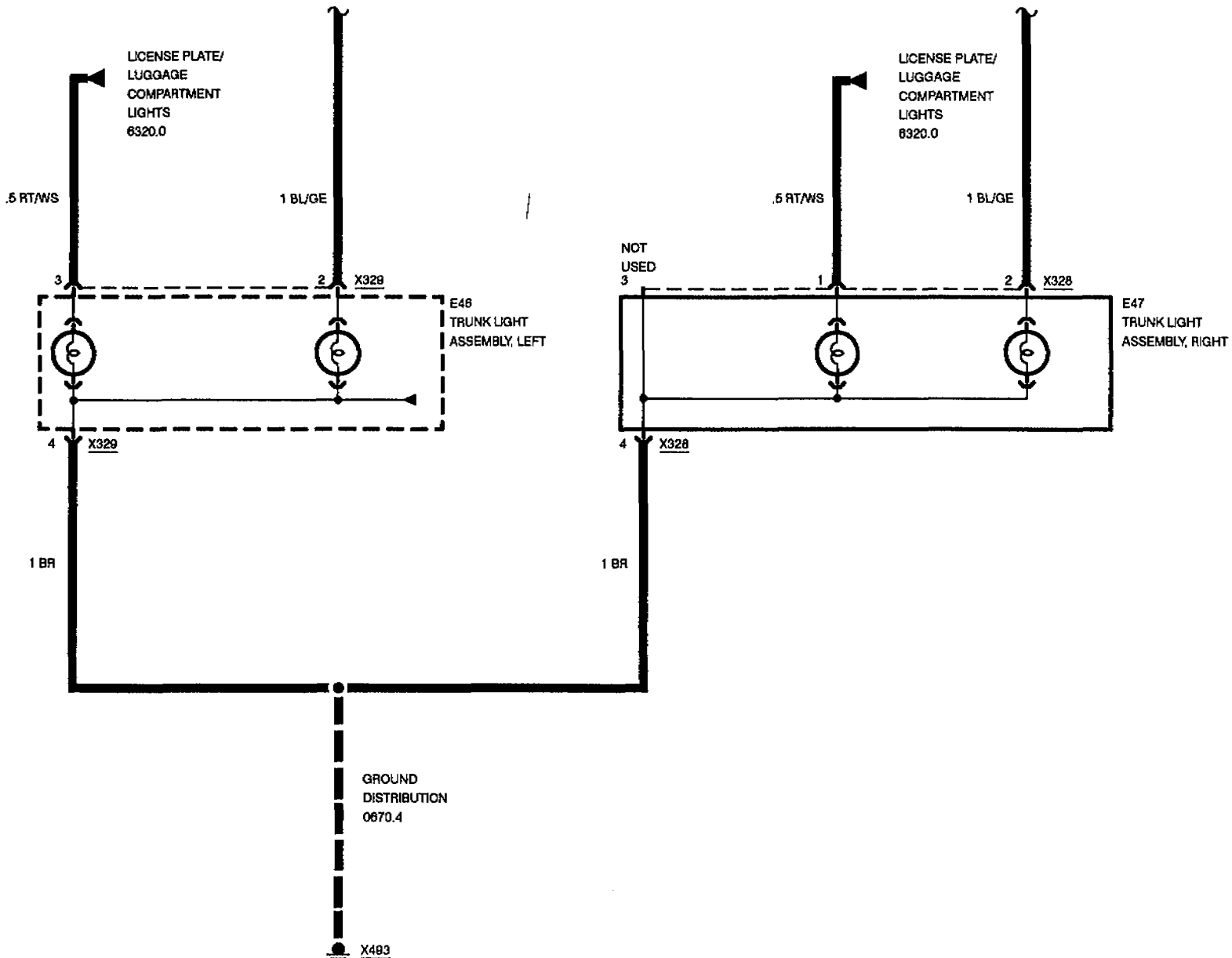


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BACK UP LIGHTS

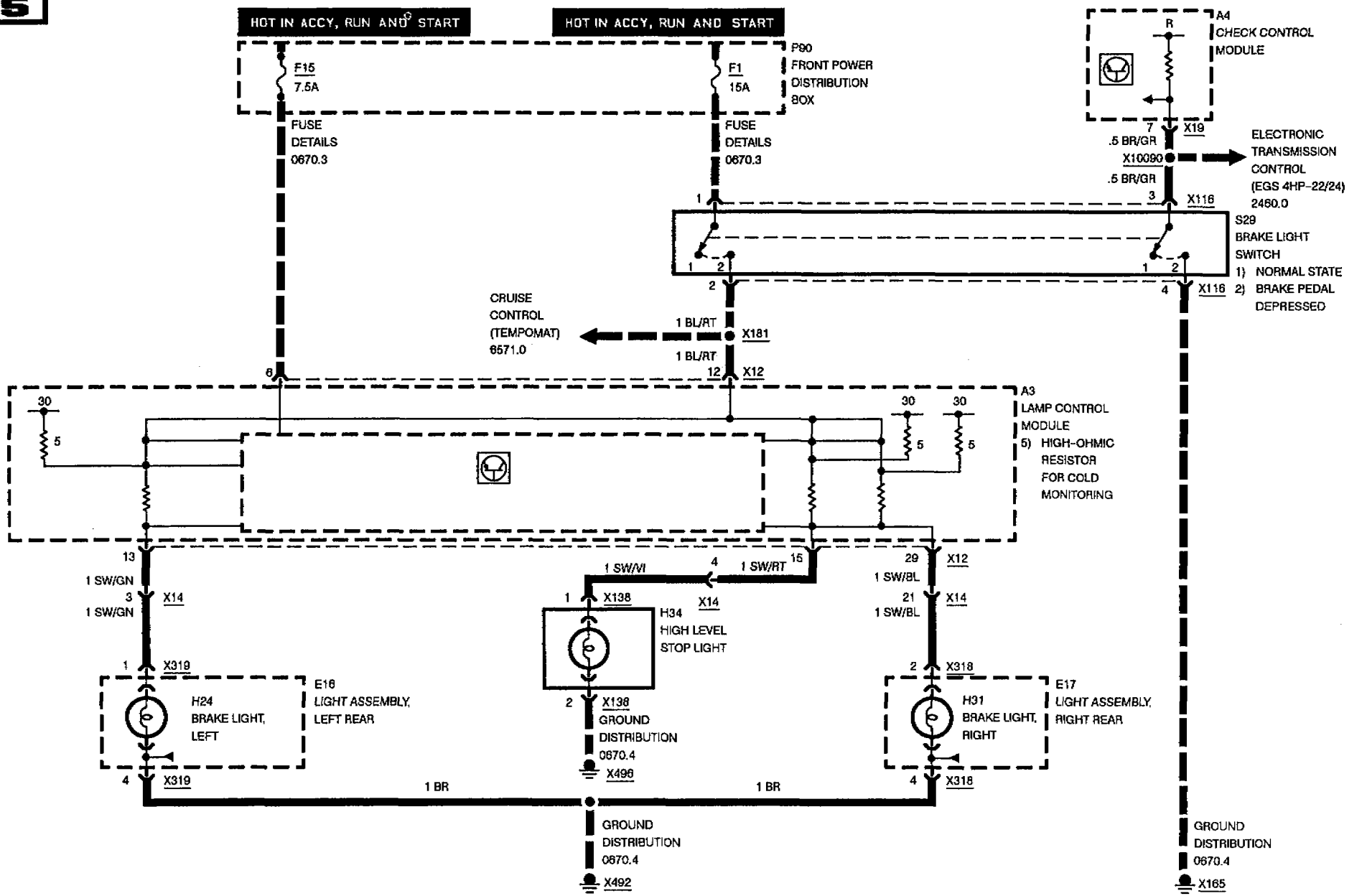


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LICENSE PLATE/
LUGGAGE
COMPARTMENT
LIGHTS
6320.0
.5 RT/WS
1 BL/GE
3
2
X329
E46
TRUNK LIGHT
ASSEMBLY, LEFT
4
X329
1 BR
NOT
USED
3
LICENSE PLATE/
LUGGAGE
COMPARTMENT
LIGHTS
6320.0
.5 RT/WS
1 BL/GE
1
2
X328
E47
TRUNK LIGHT
ASSEMBLY, RIGHT
4
X328
1 BR
GROUND
DISTRIBUTION
0670.4
X493

carplan.com

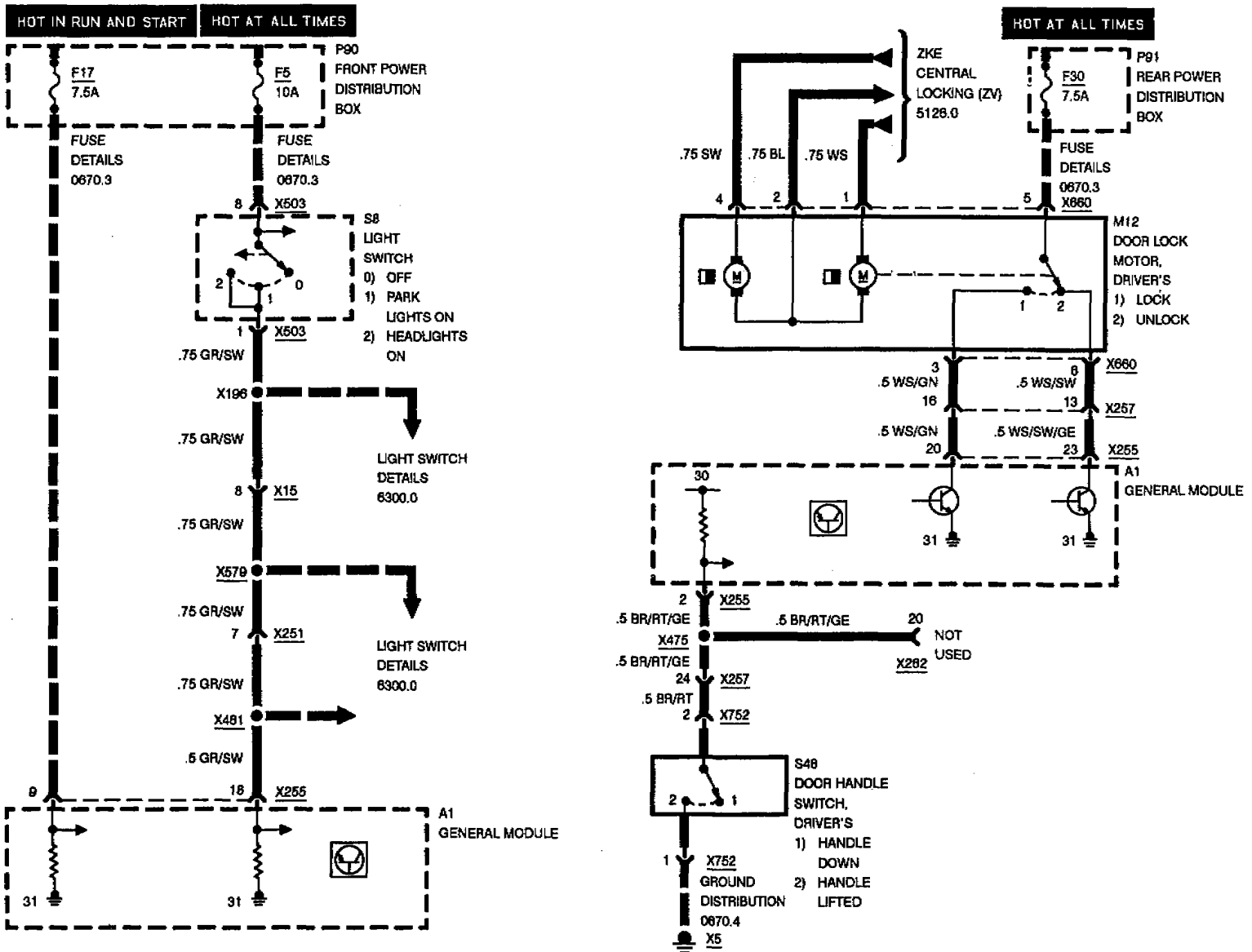
BRAKE LIGHTS



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ZKE INTERIOR LIGHTS CONTROL (IB)

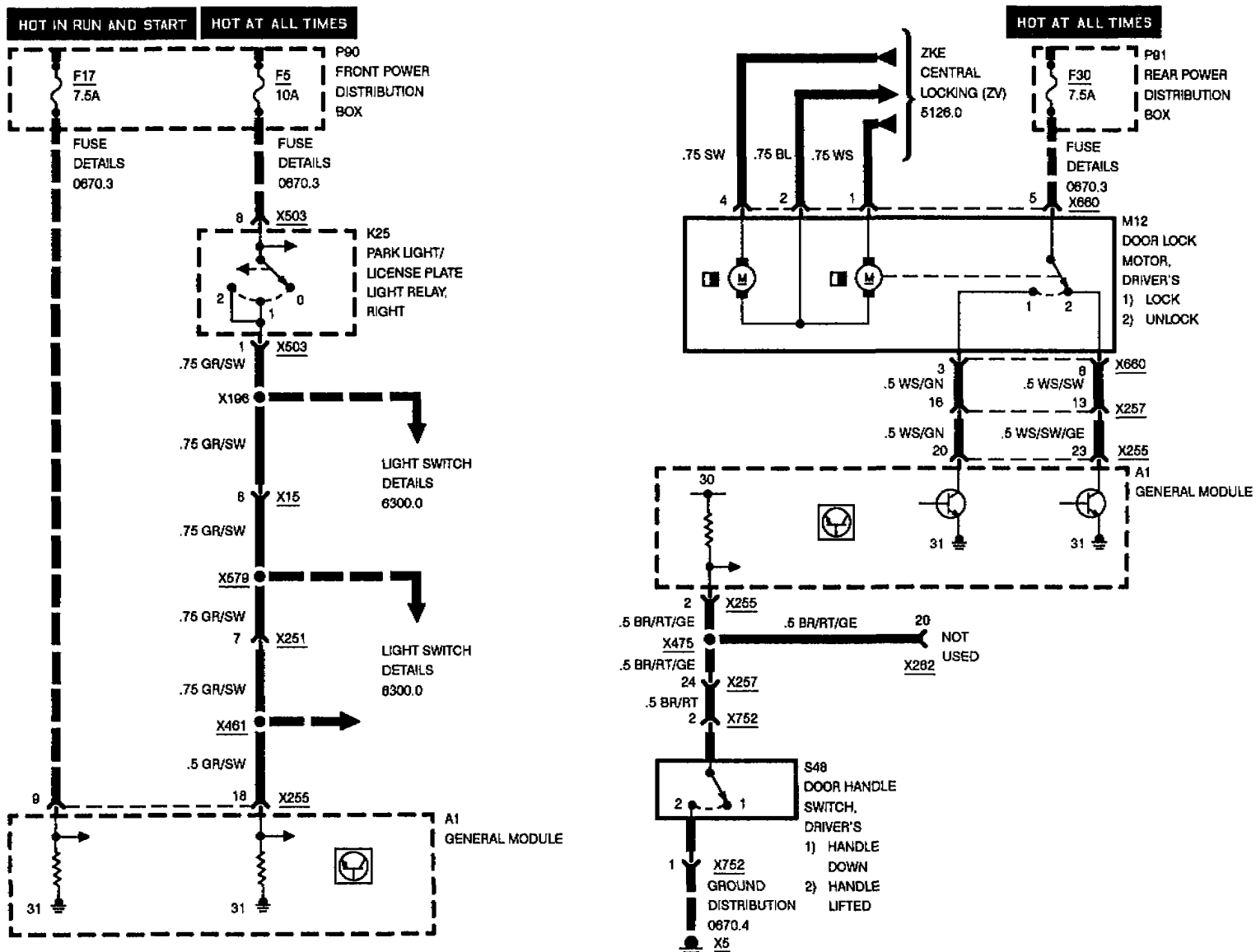
INPUT DETAILS



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ZKE INTERIOR LIGHTS CONTROL (IB)

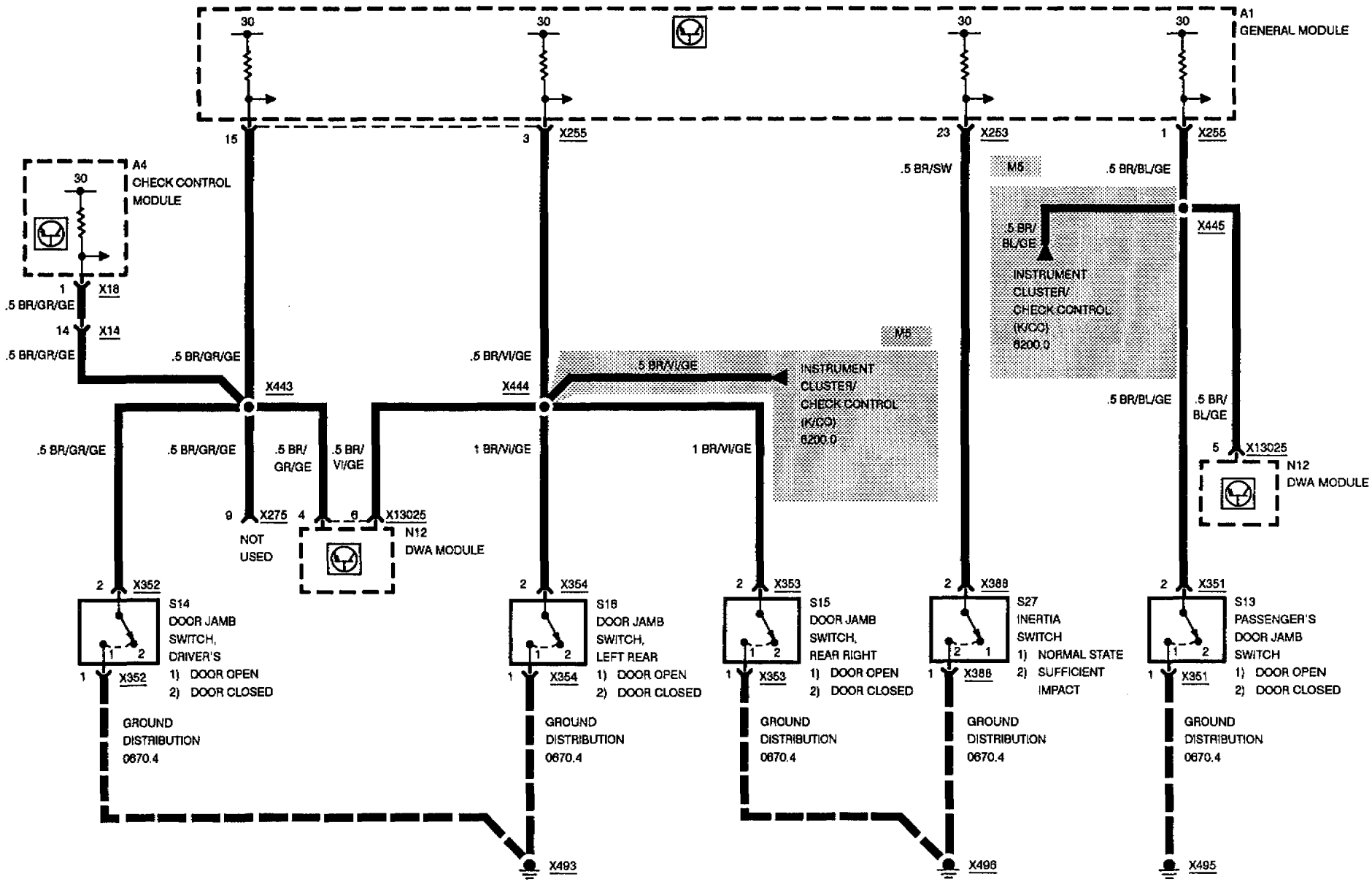
INPUT DETAILS



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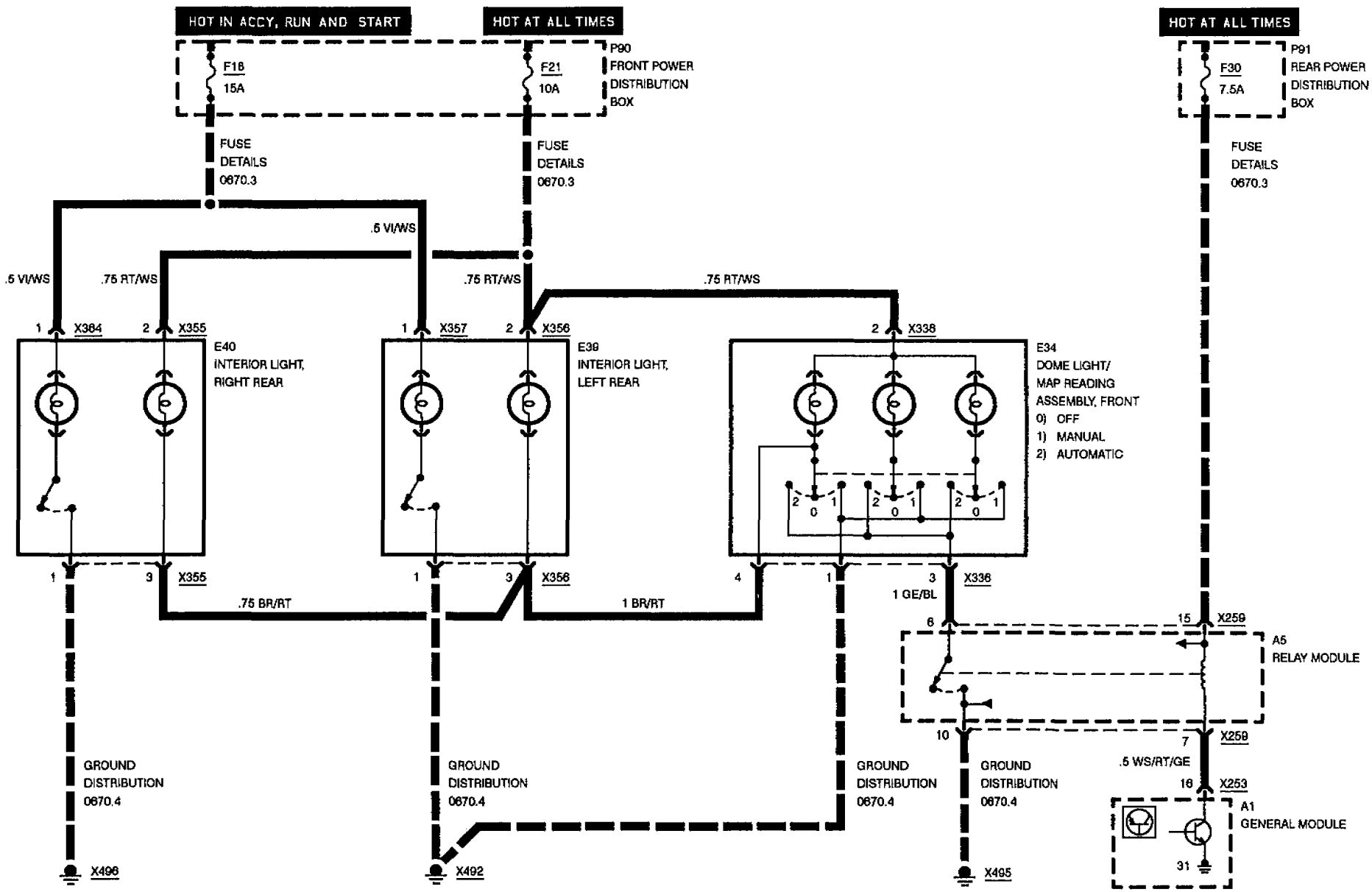
INPUT DETAILS



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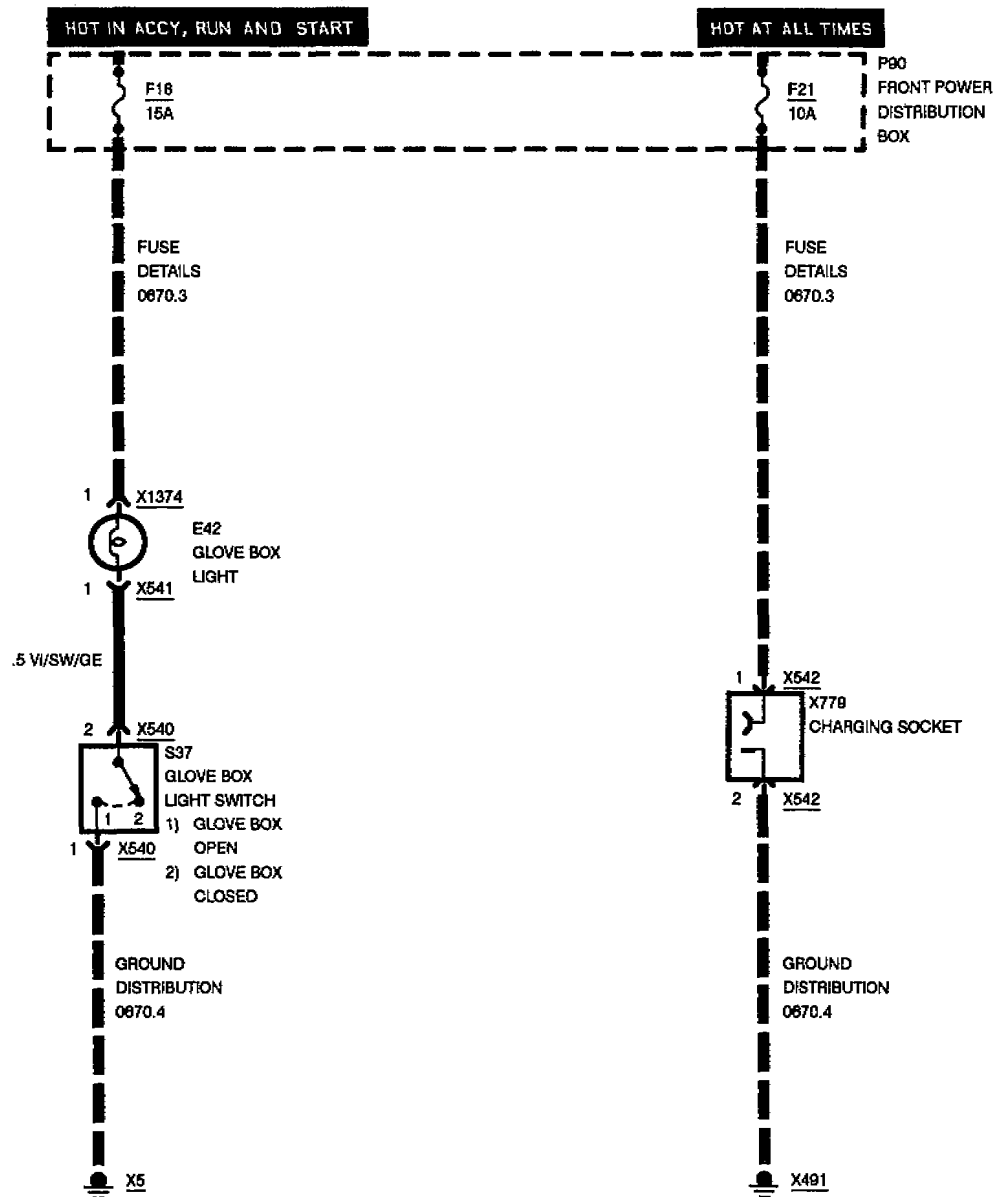
ZKE INTERIOR LIGHTS CONTROL (IB)

OUTPUT DETAILS



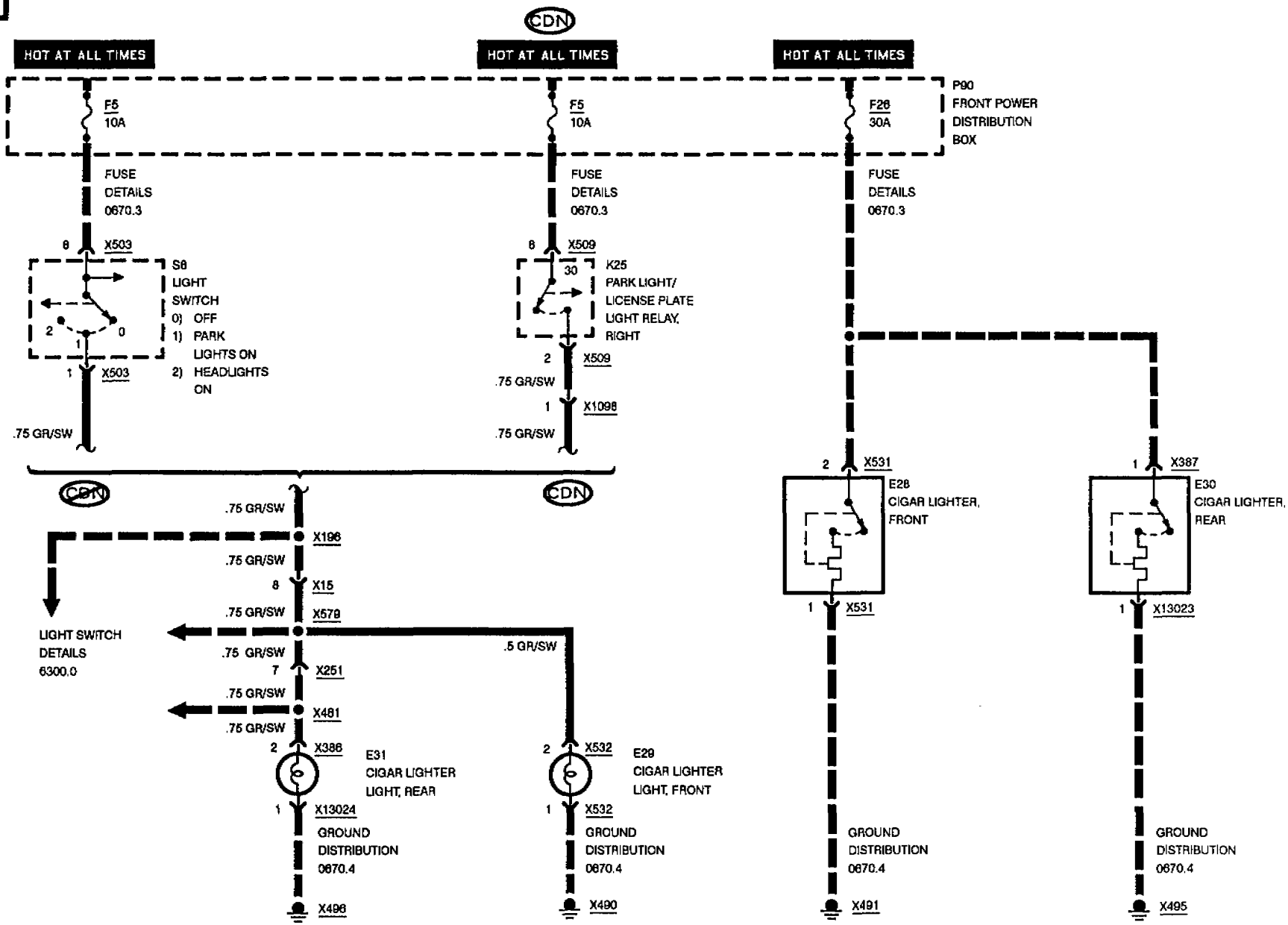
cardiagn.com

GLOVE BOX LIGHT/CIGAR LIGHTER/ CHARGING SOCKET



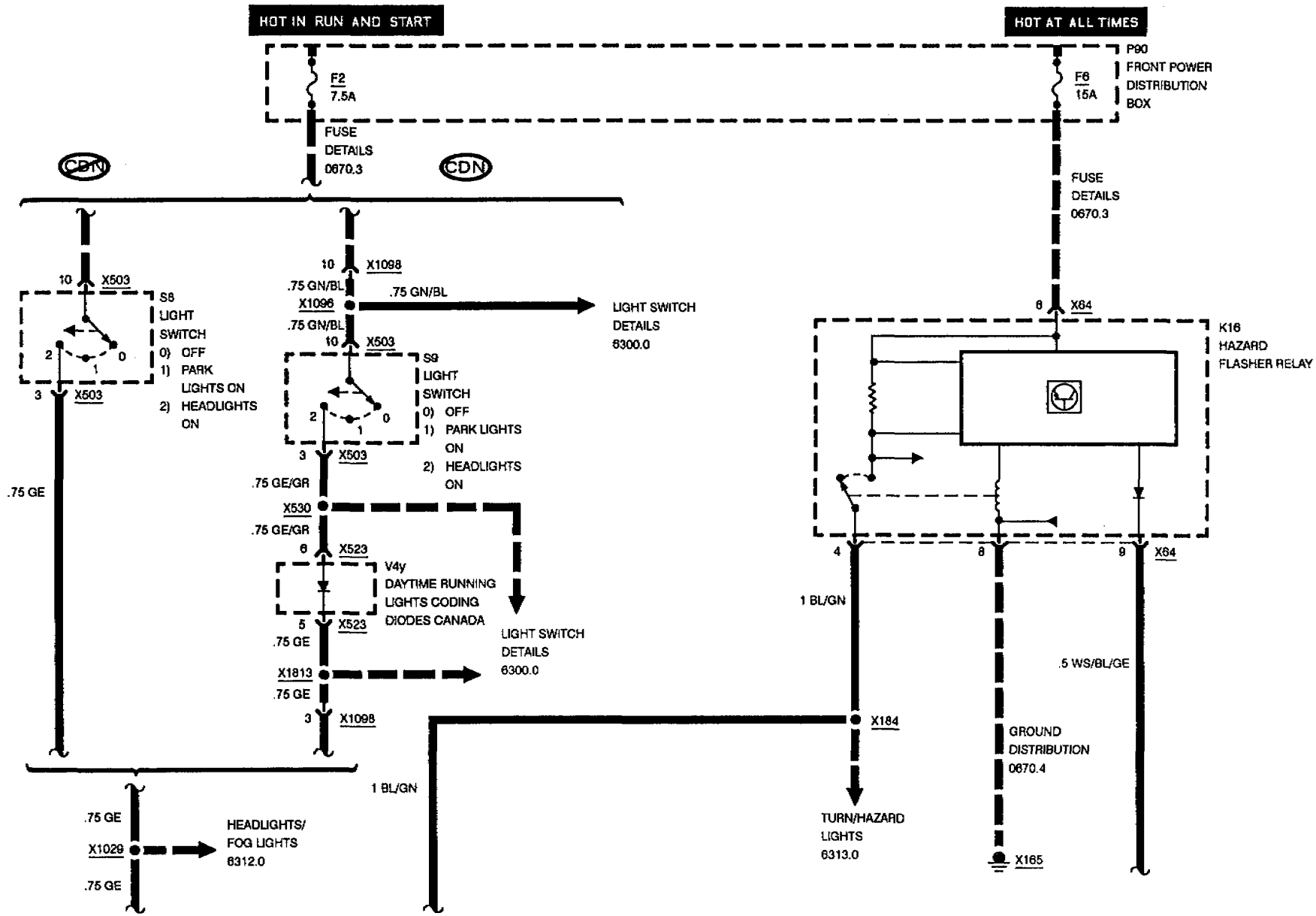
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GLOVE BOX LIGHT/CIGAR LIGHTER/ CHARGING SOCKET

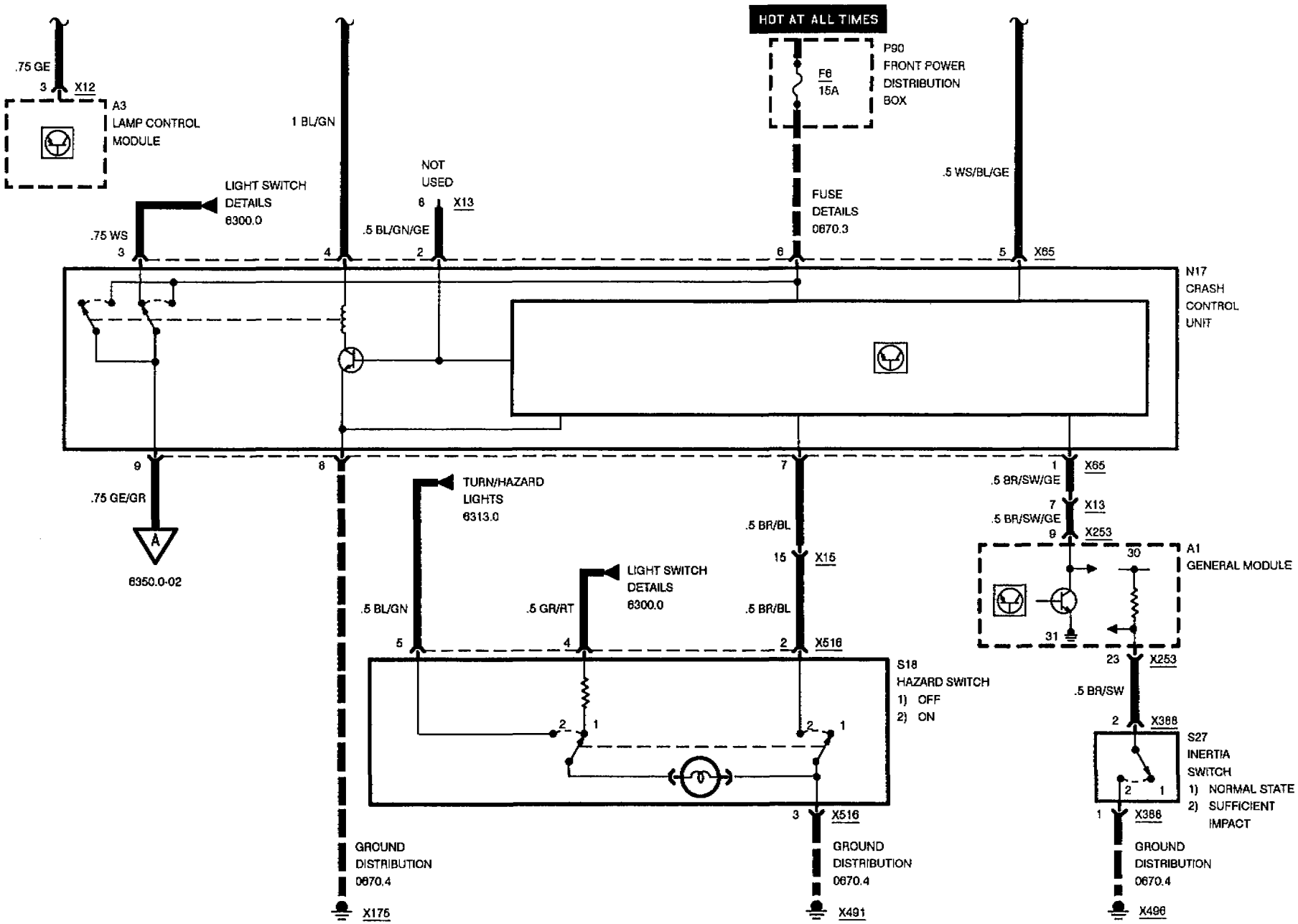


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CRASH CONTROL UNIT

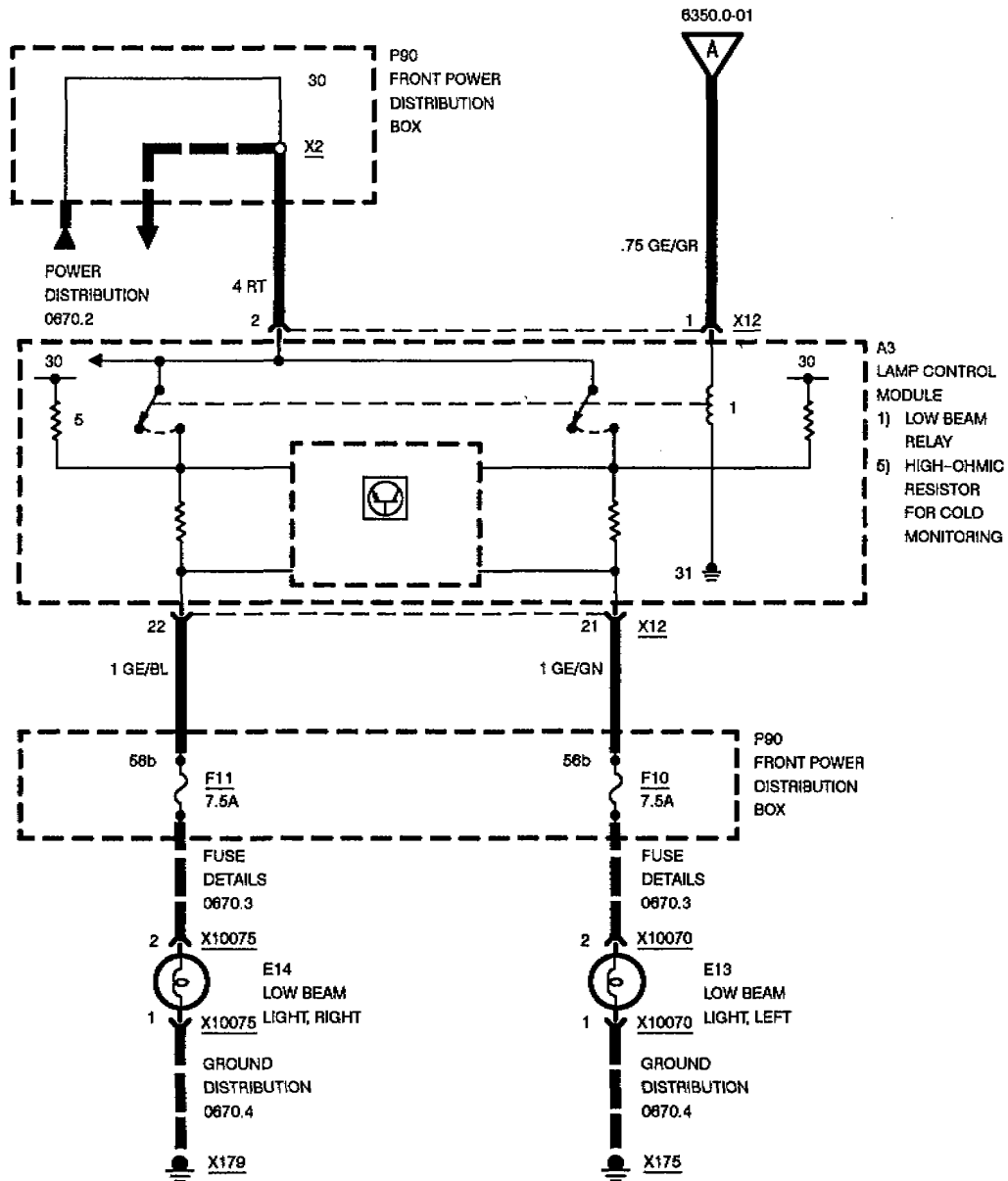


cardiagn.com



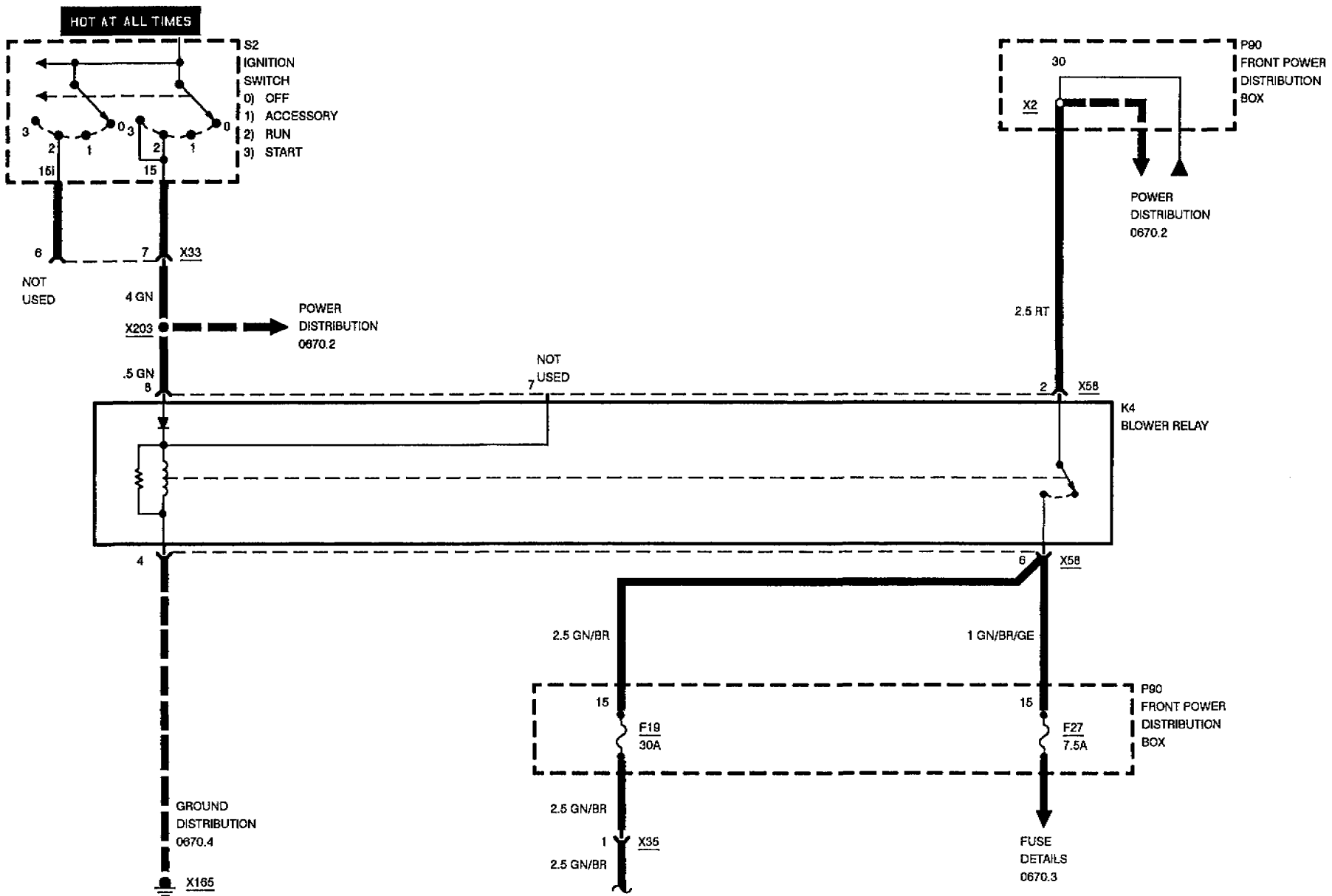
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CRASH CONTROL UNIT

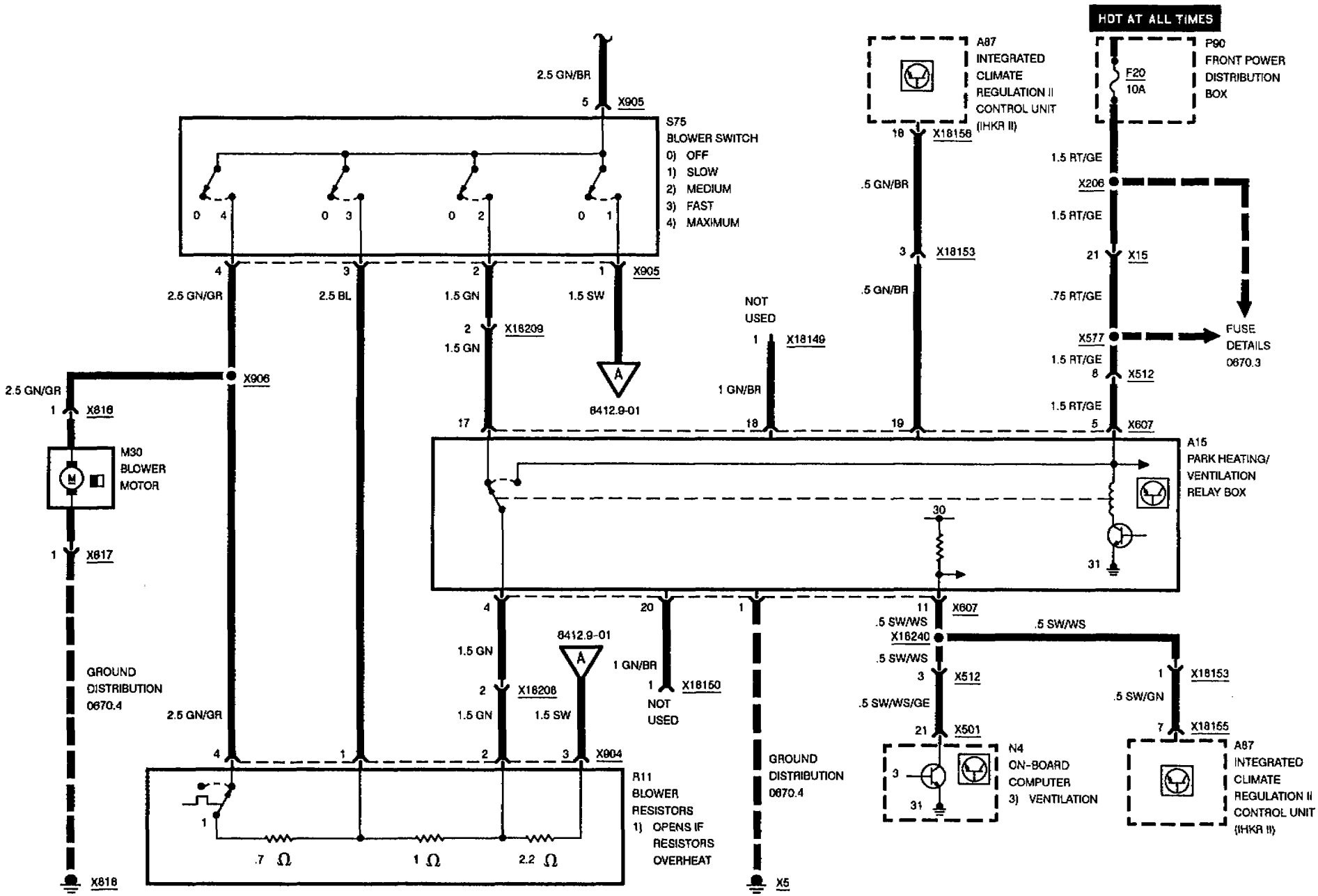


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PARK VENTILATION WITH IHKR2

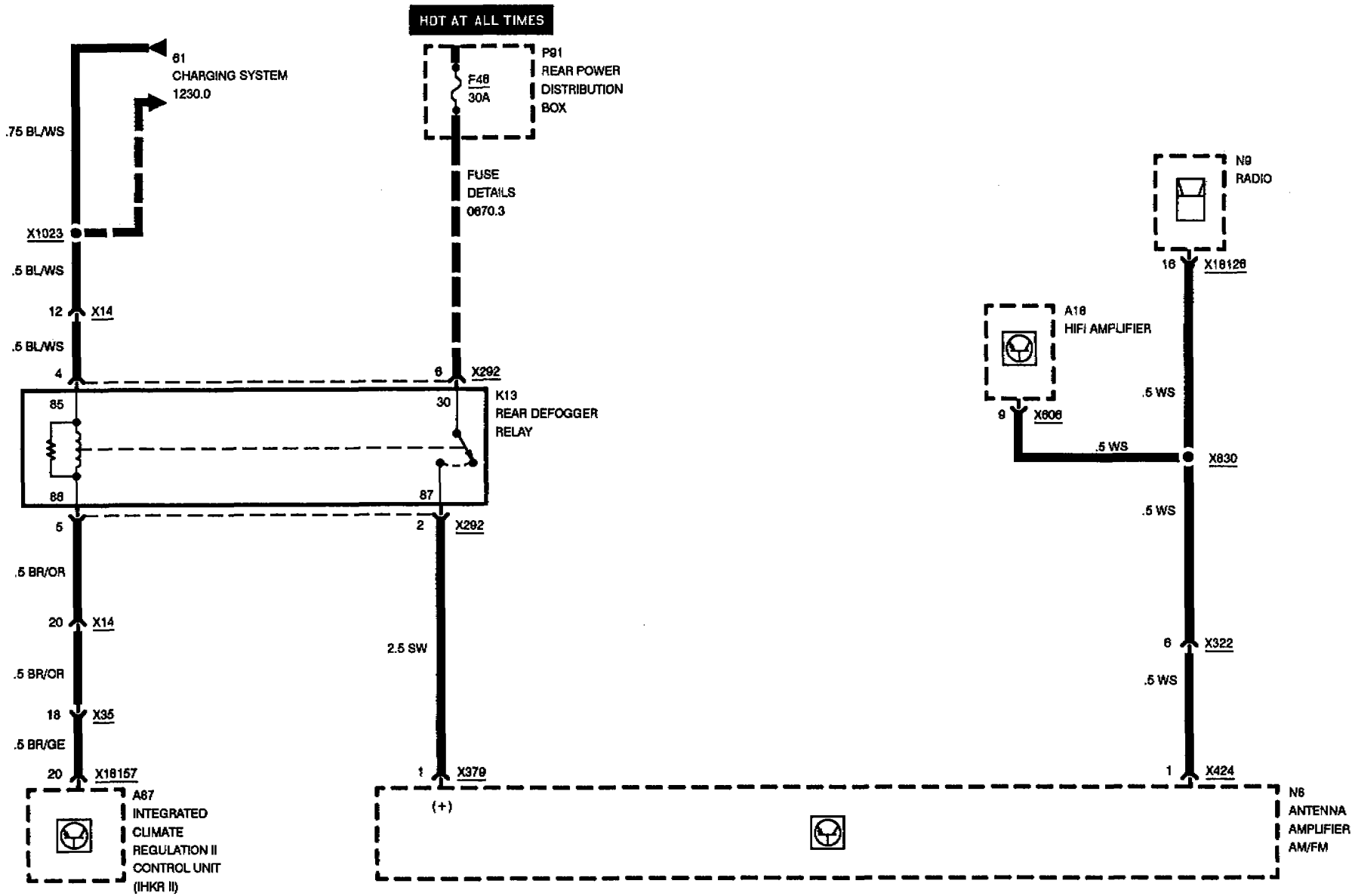


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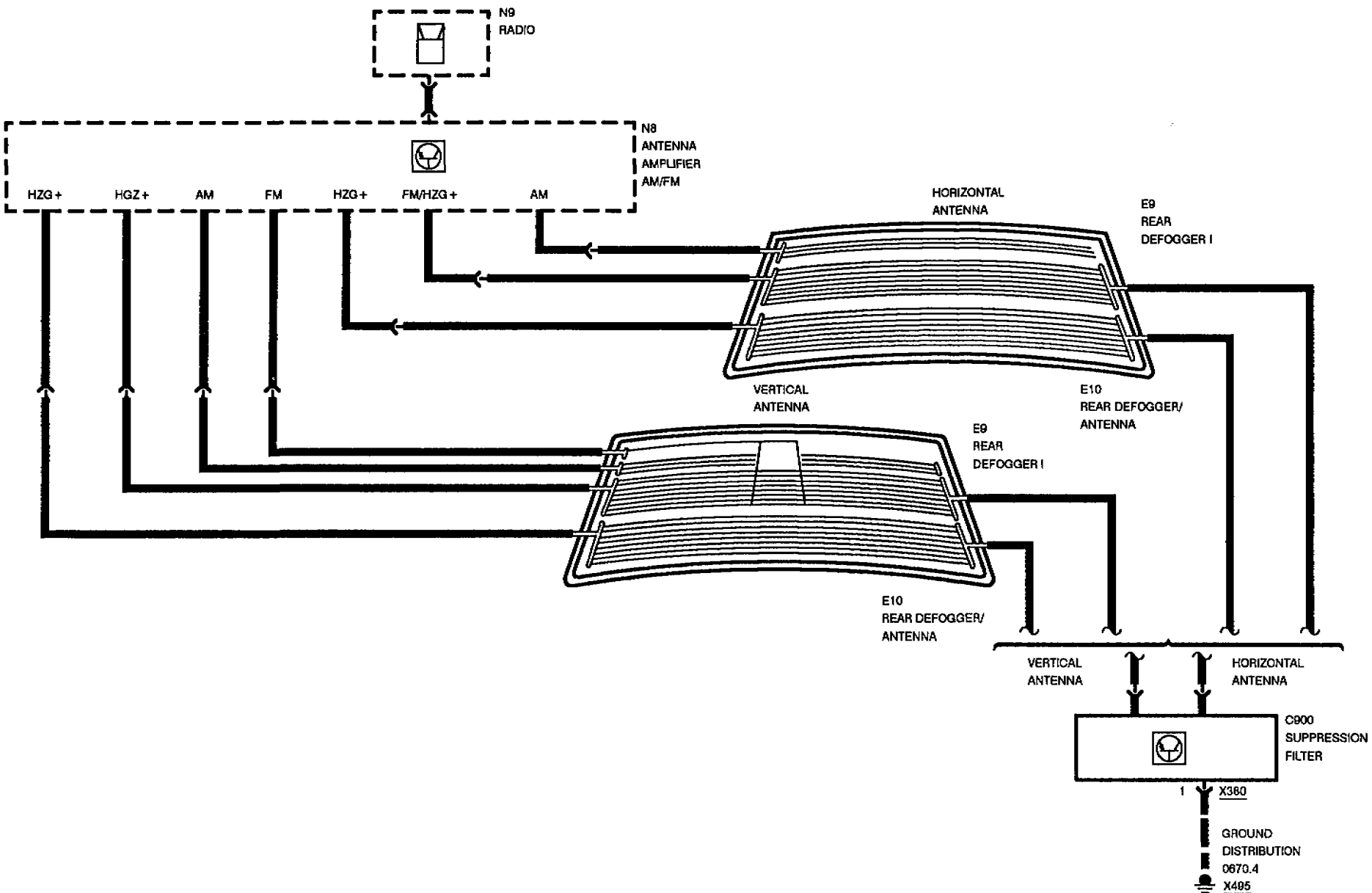
REAR WINDOW DEFOGGER



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REAR WINDOW DEFOGGER

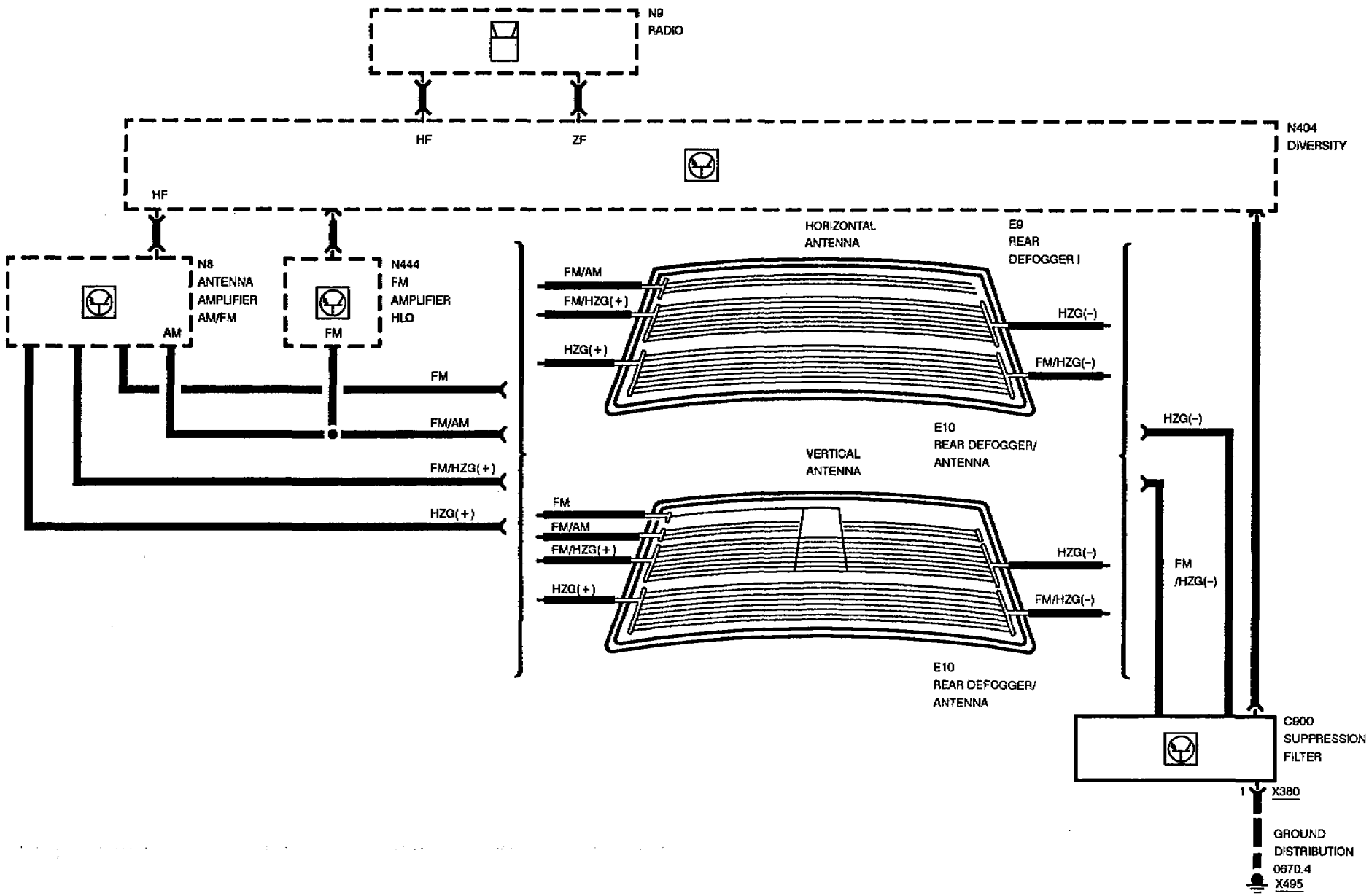
REAR WINDOW ANTENNA



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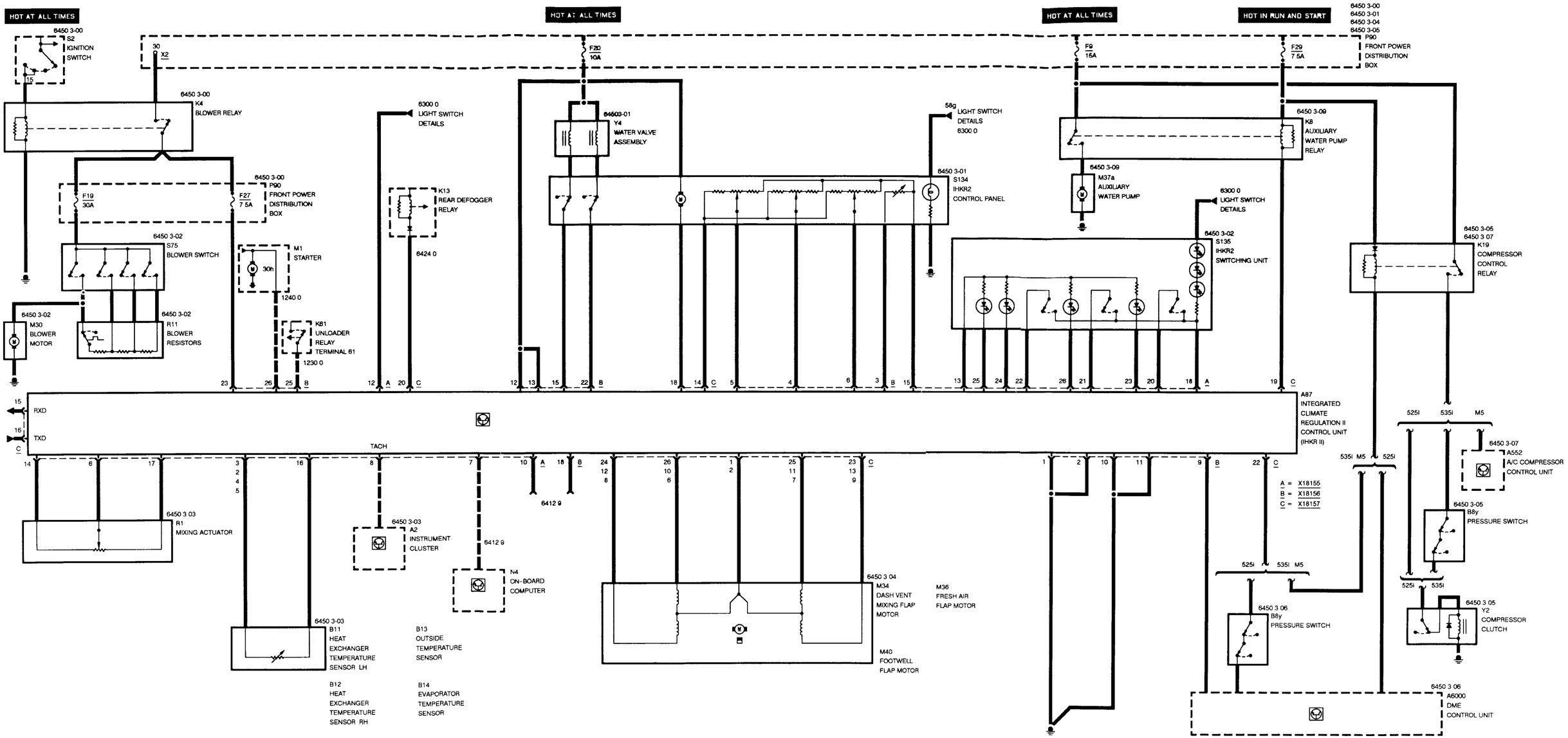
REAR WINDOW DEFOGGER

3-ANTENNA-DIVERSITY



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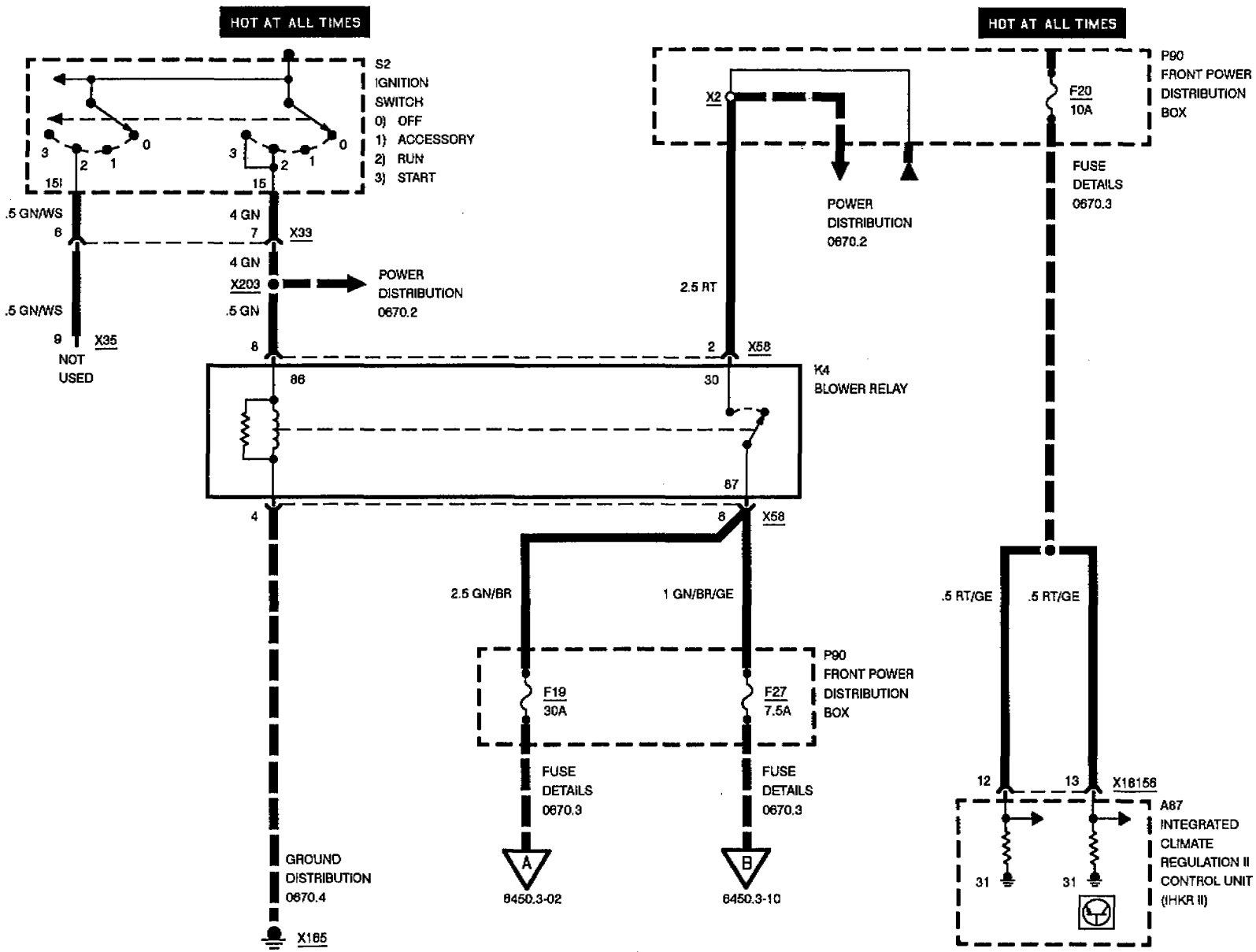
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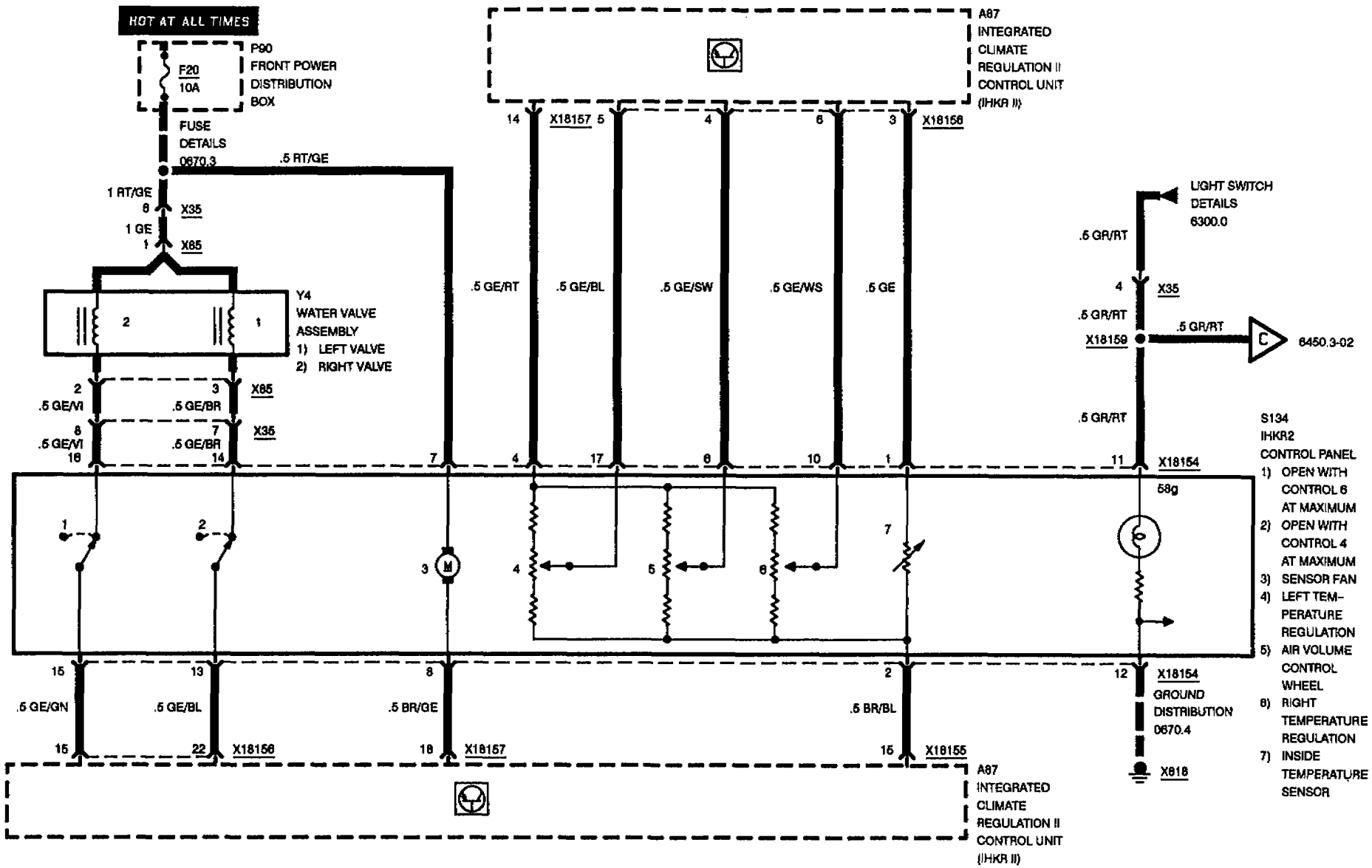
INTEGRATED CLIMATE REGULATION 2 (IHKR2)

POWER



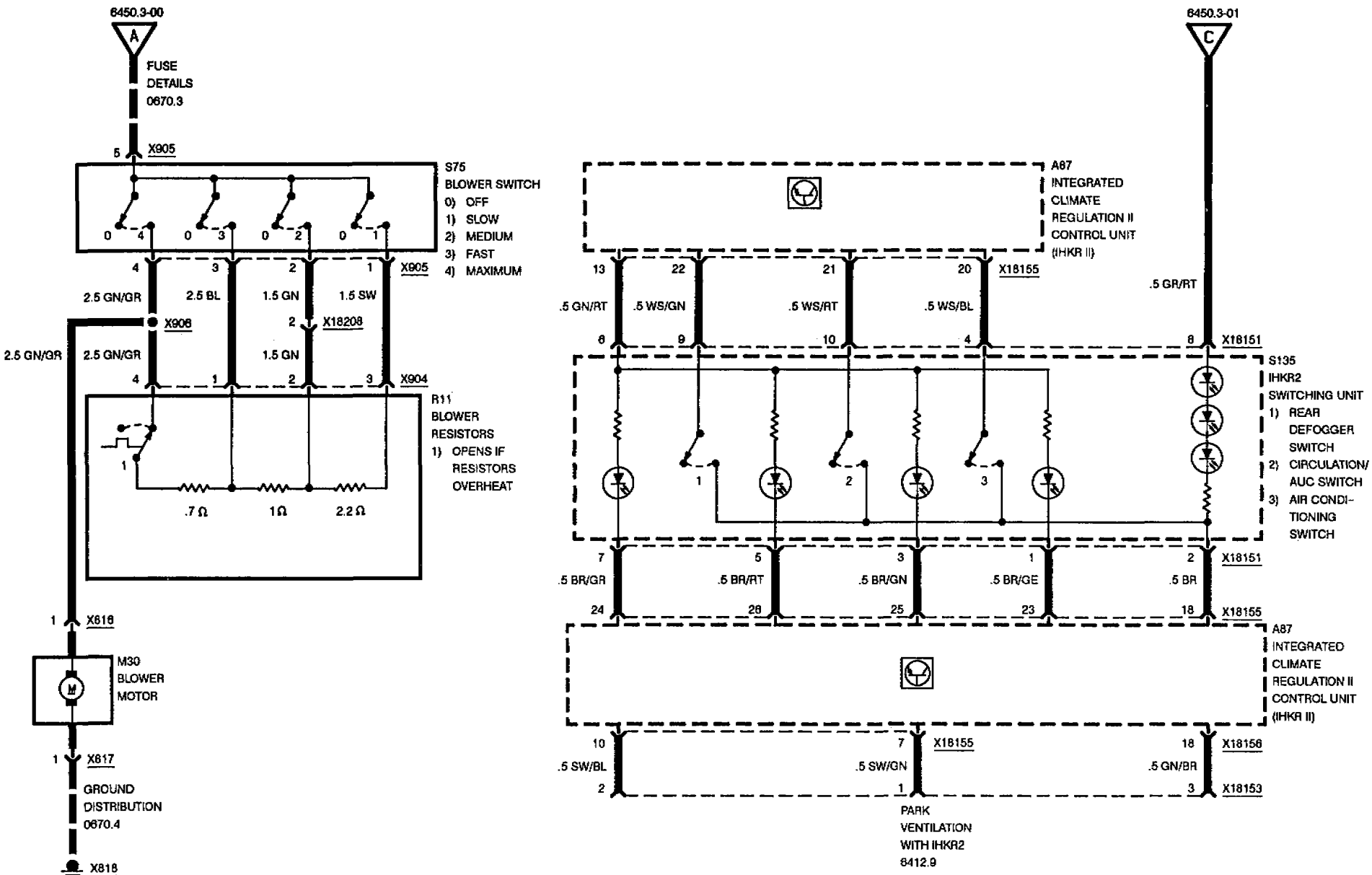
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INTEGRATED CLIMATE REGULATION 2 (IHKR2)



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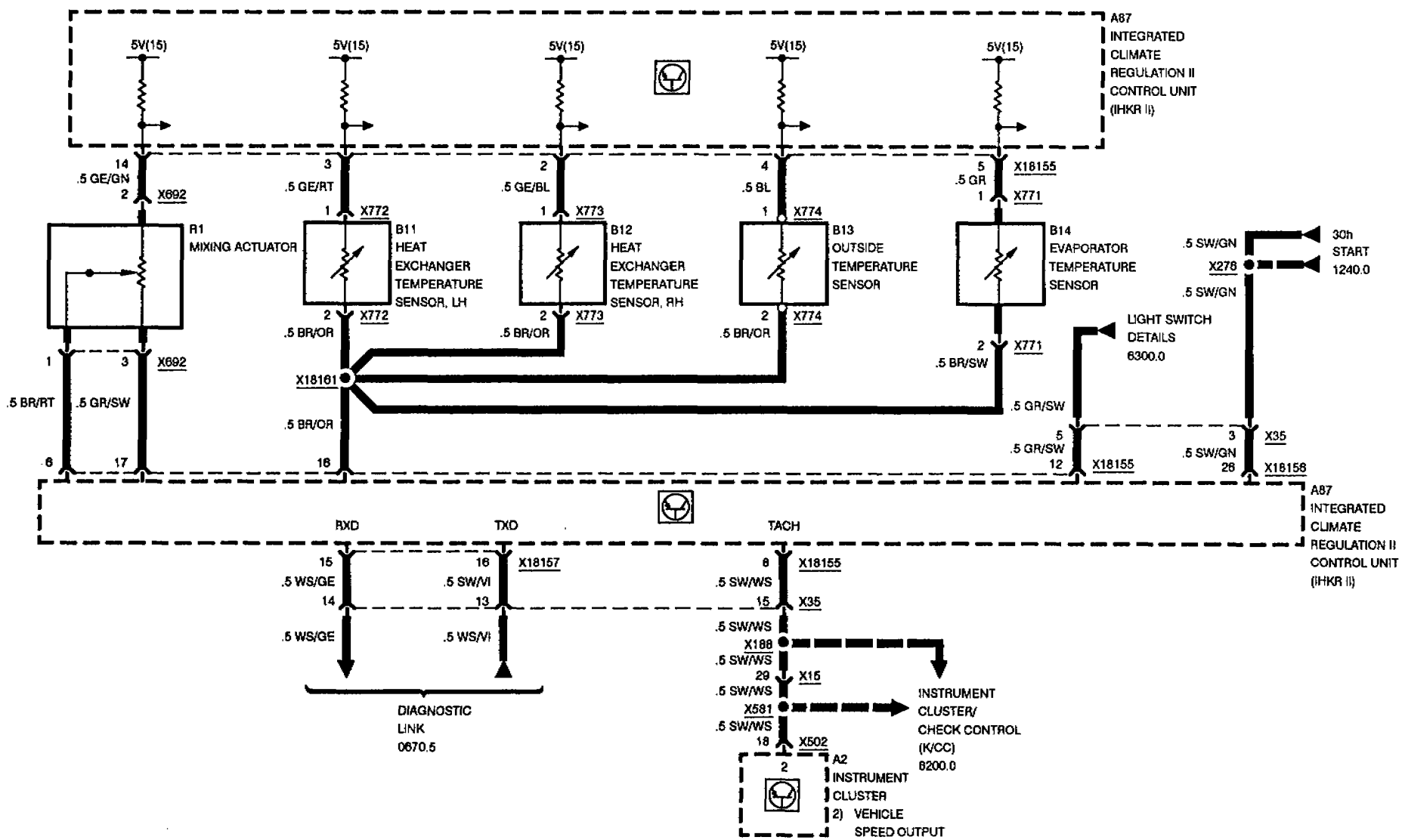
INTEGRATED CLIMATE REGULATION 2 (IHKR2)



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INTEGRATED CLIMATE REGULATION 2 (IHKR2)

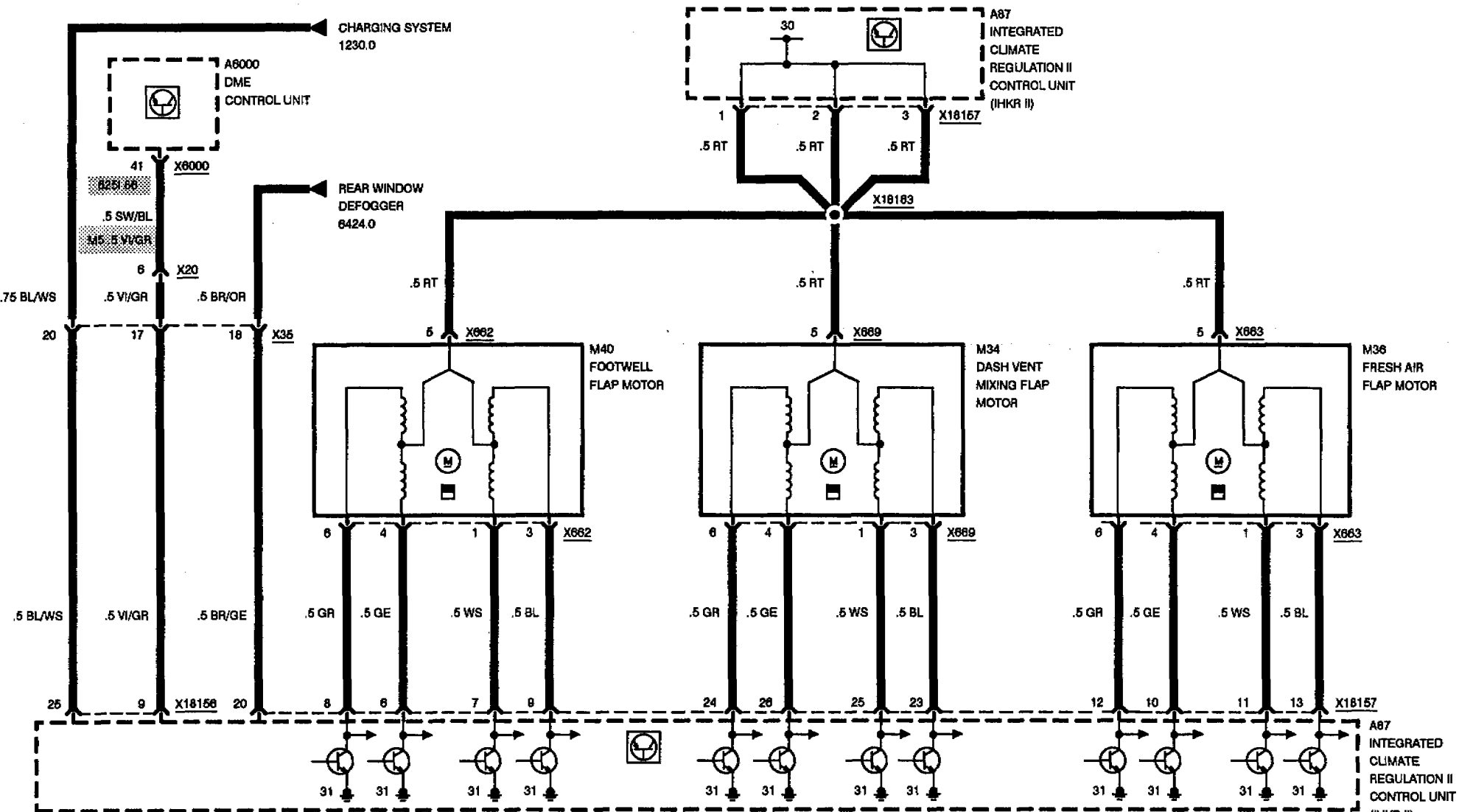
TEMPERATURE CONTROLS



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INTEGRATED CLIMATE REGULATION 2 (IHKR2)

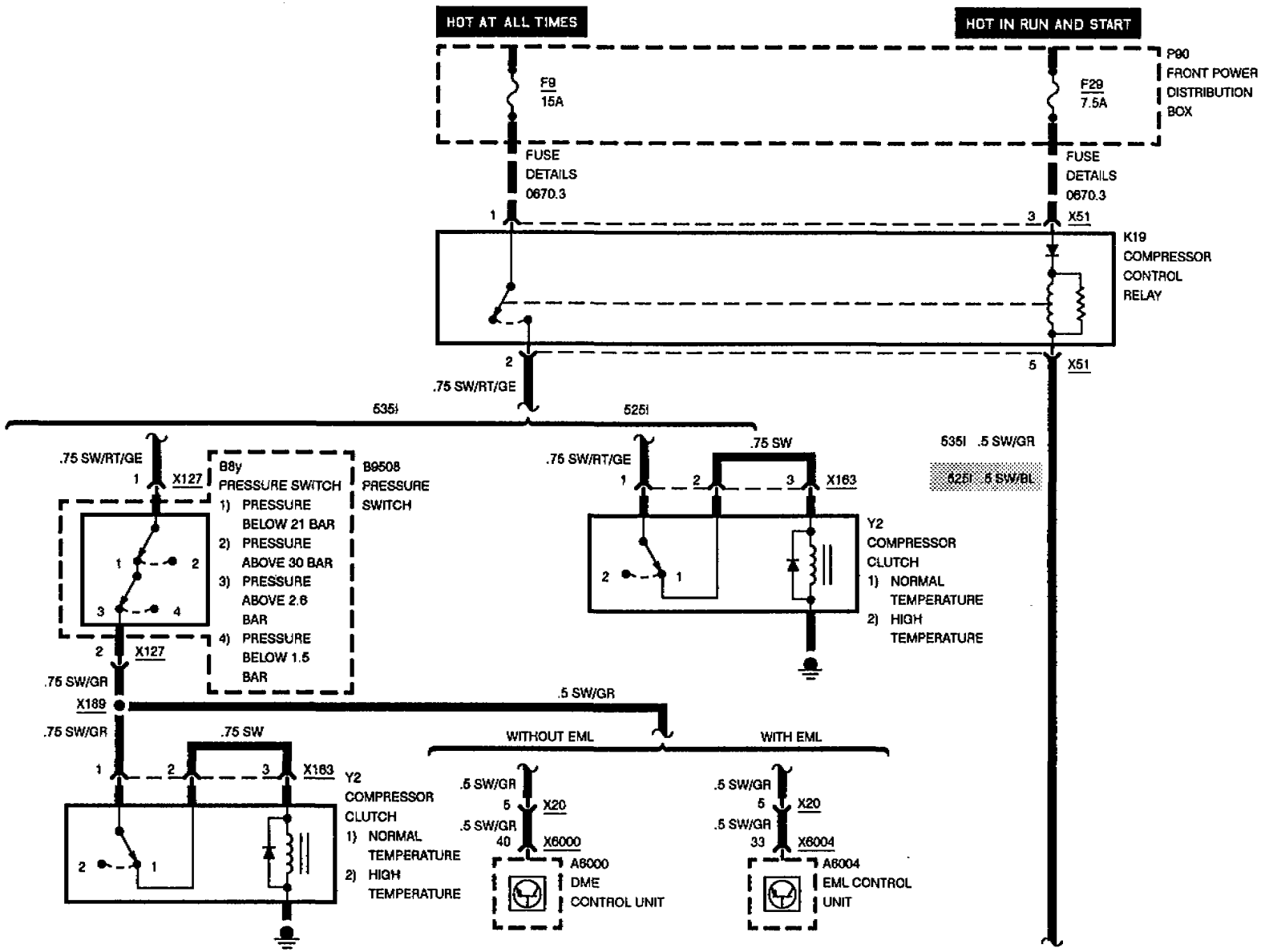
AIR DELIVERY



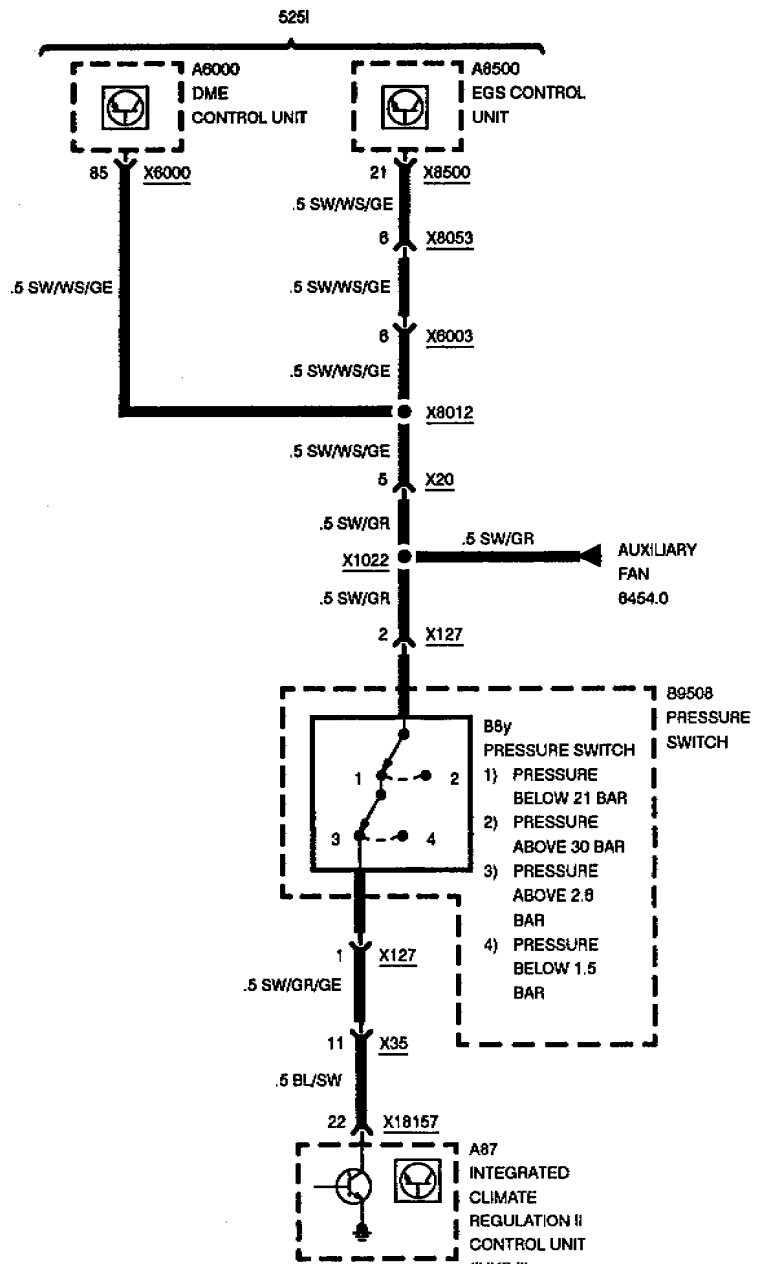
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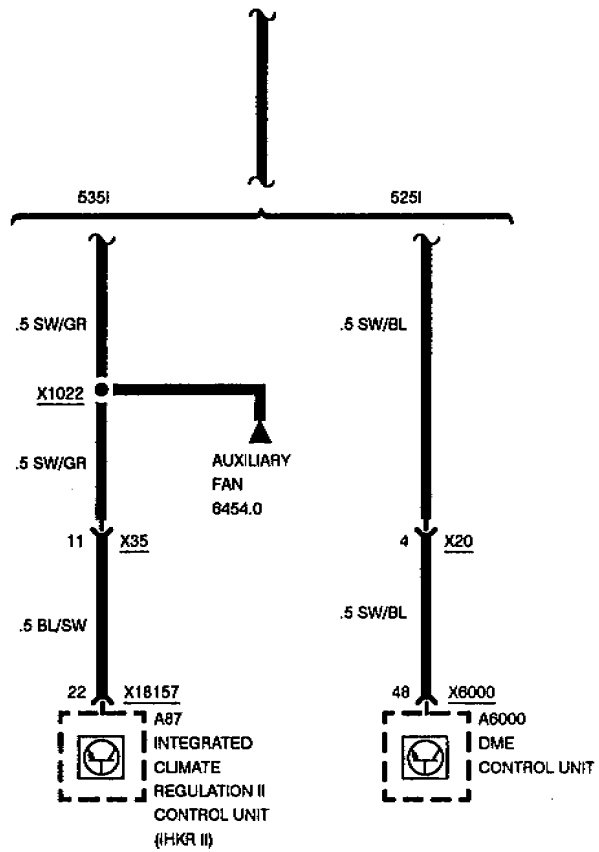
INTEGRATED CLIMATE REGULATION 2 (IHKR2)

COMPRESSOR CONTROL



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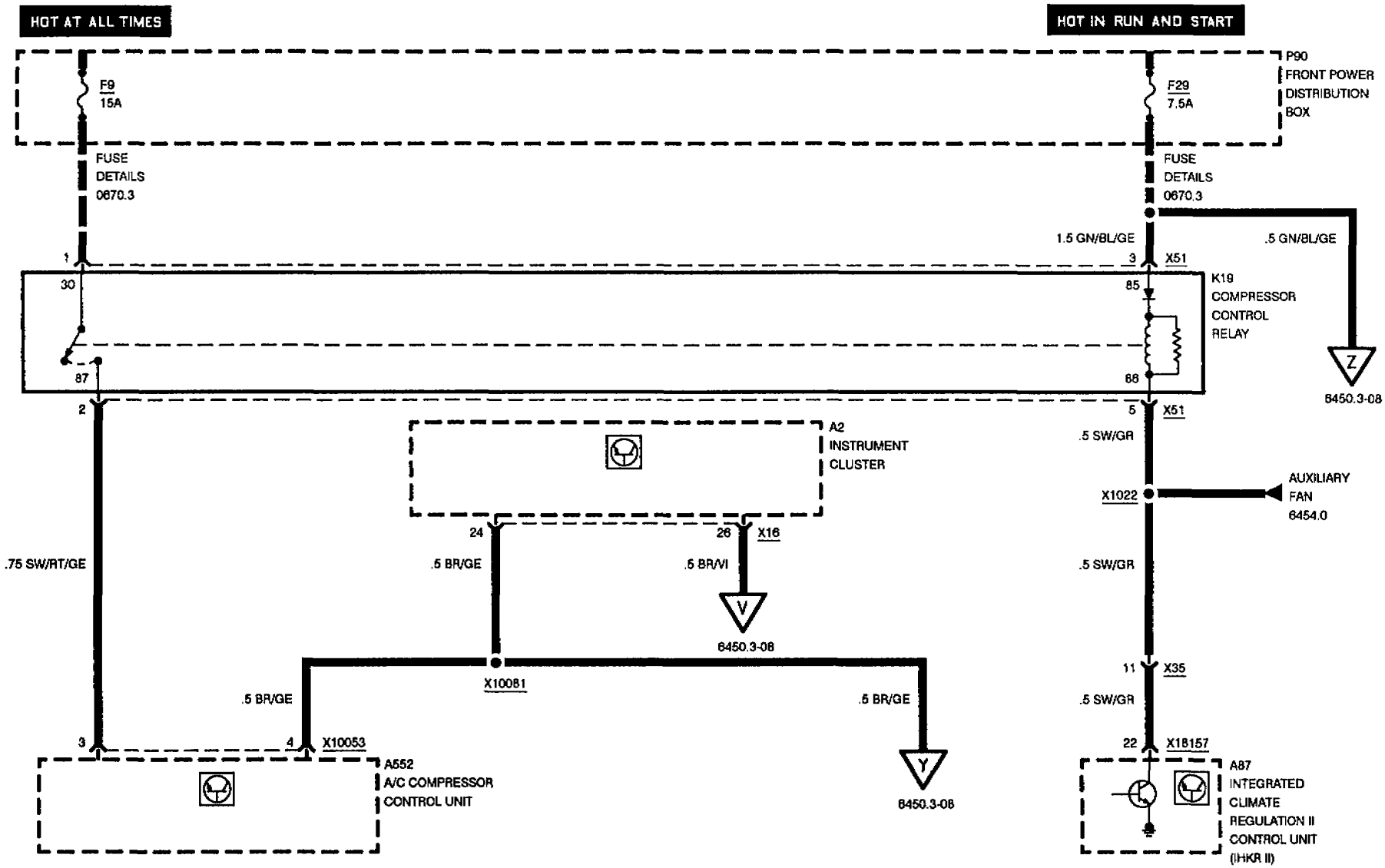




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INTEGRATED CLIMATE REGULATION 2 (IHKR2)

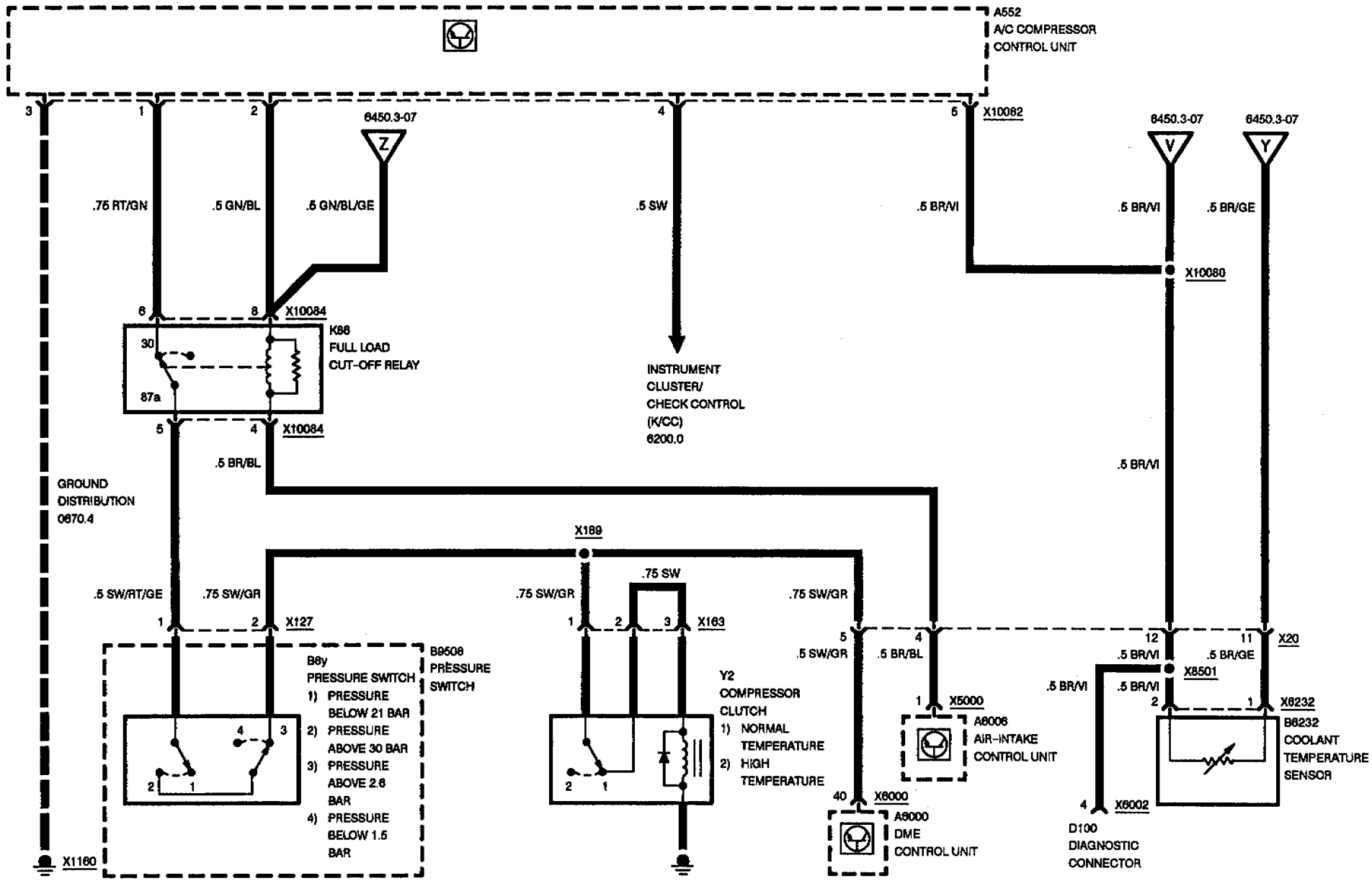
COMPRESSOR CONTROL FOR M5



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INTEGRATED CLIMATE REGULATION 2 (IHKR2)

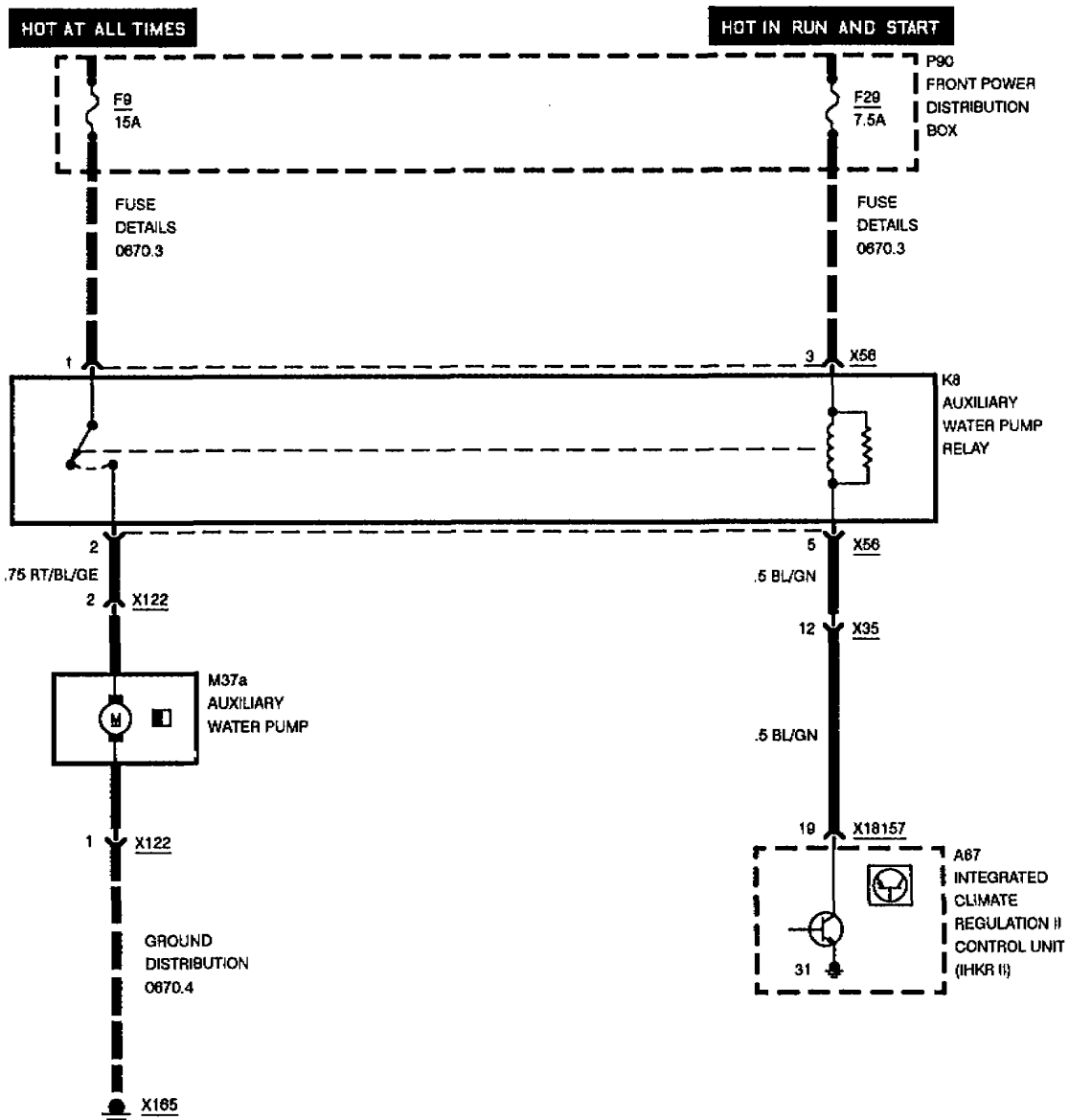
COMPRESSOR CONTROL FOR M5



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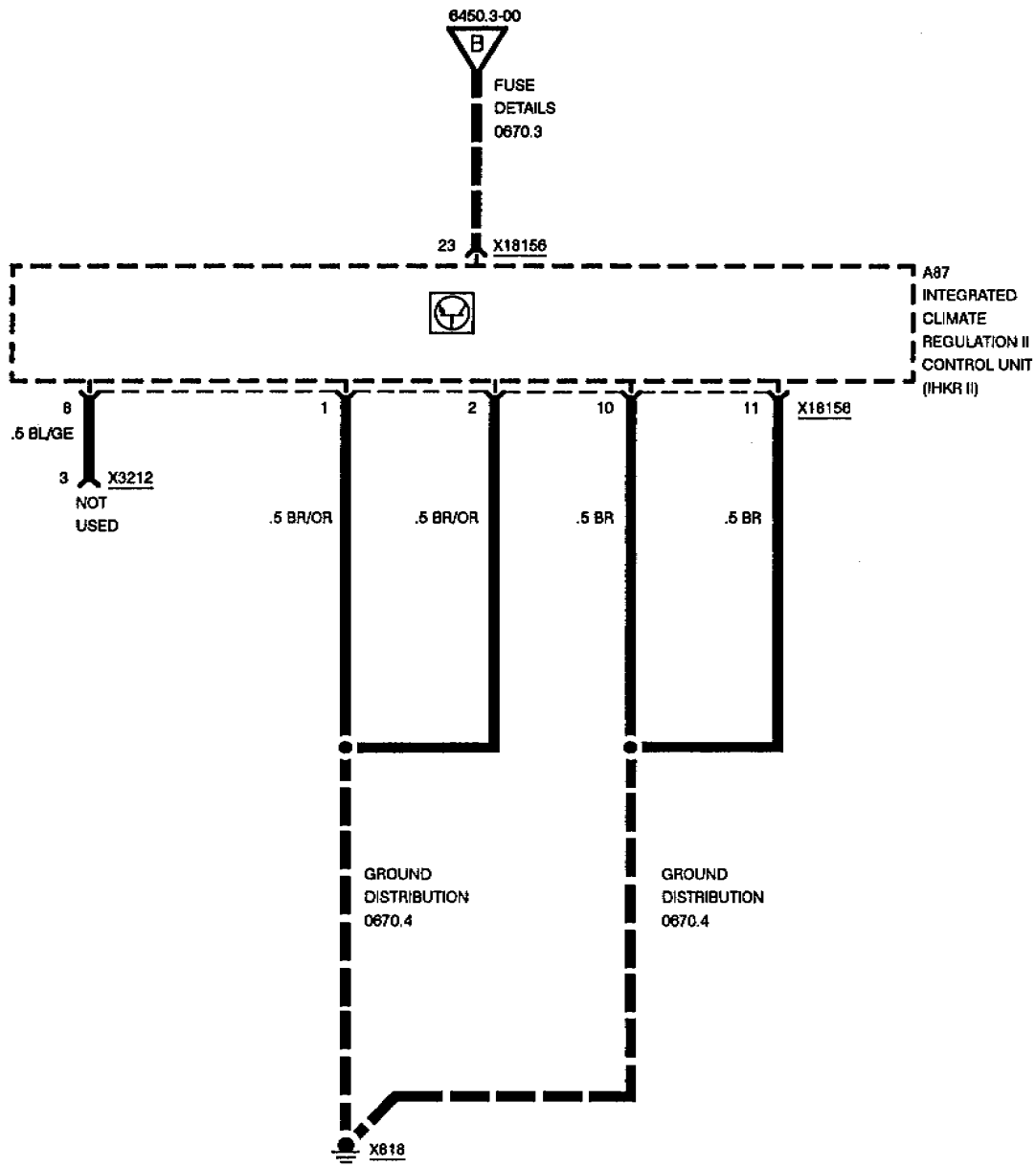
INTEGRATED CLIMATE REGULATION 2 (IHKR2)

AUXILIARY WATER PUMP



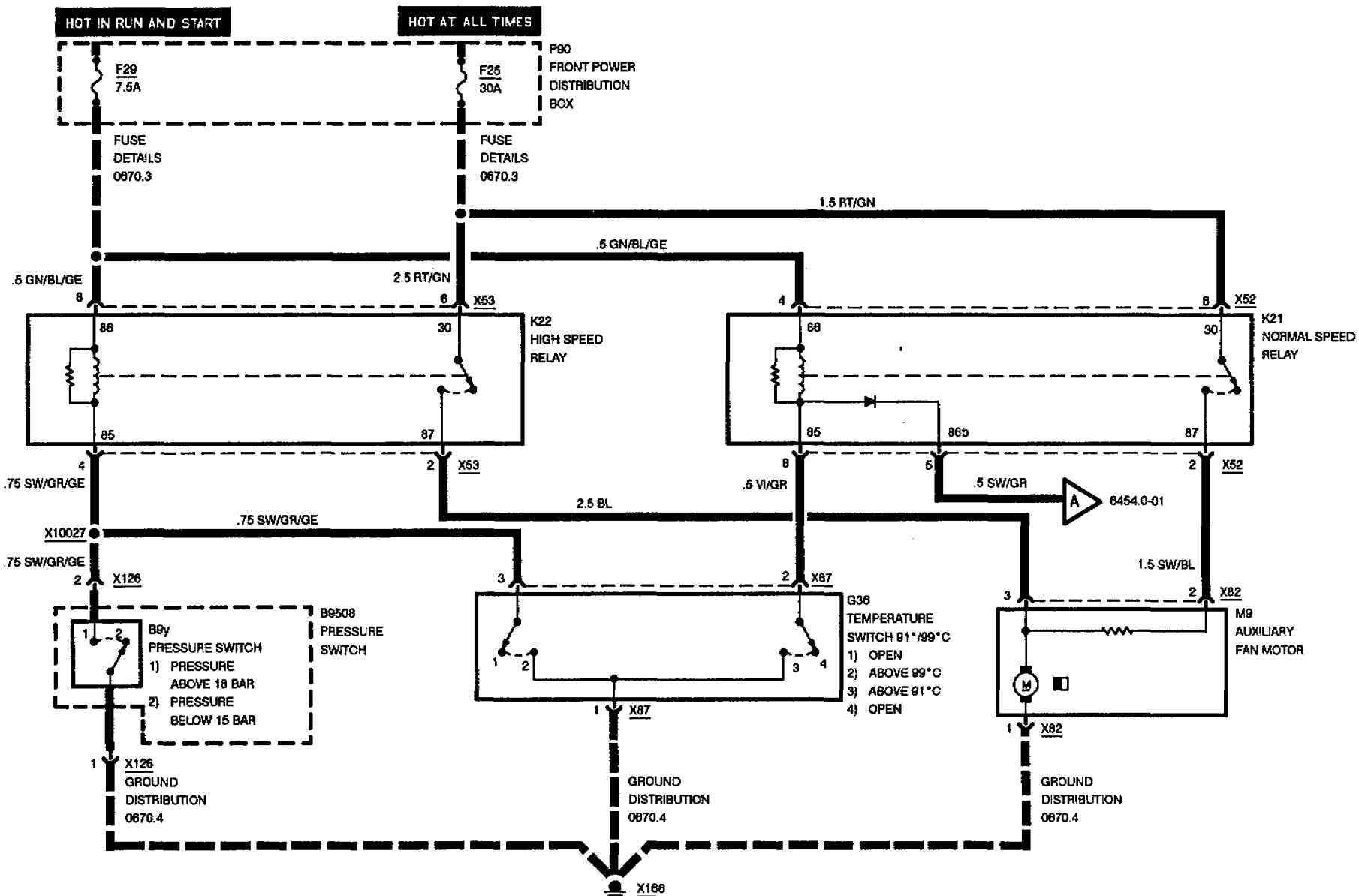
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INTEGRATED CLIMATE REGULATION 2 (IHKR2)



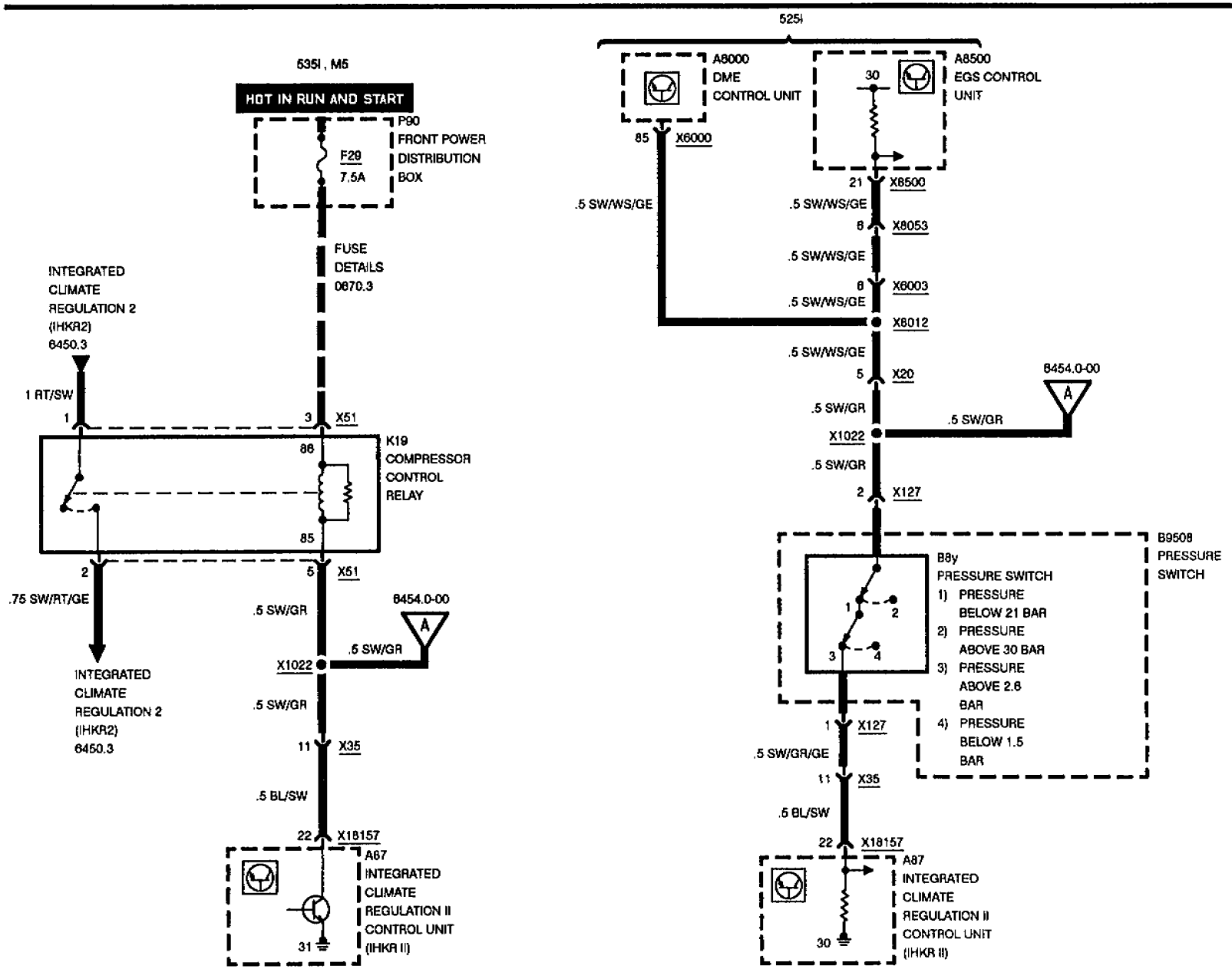
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AUXILIARY FAN



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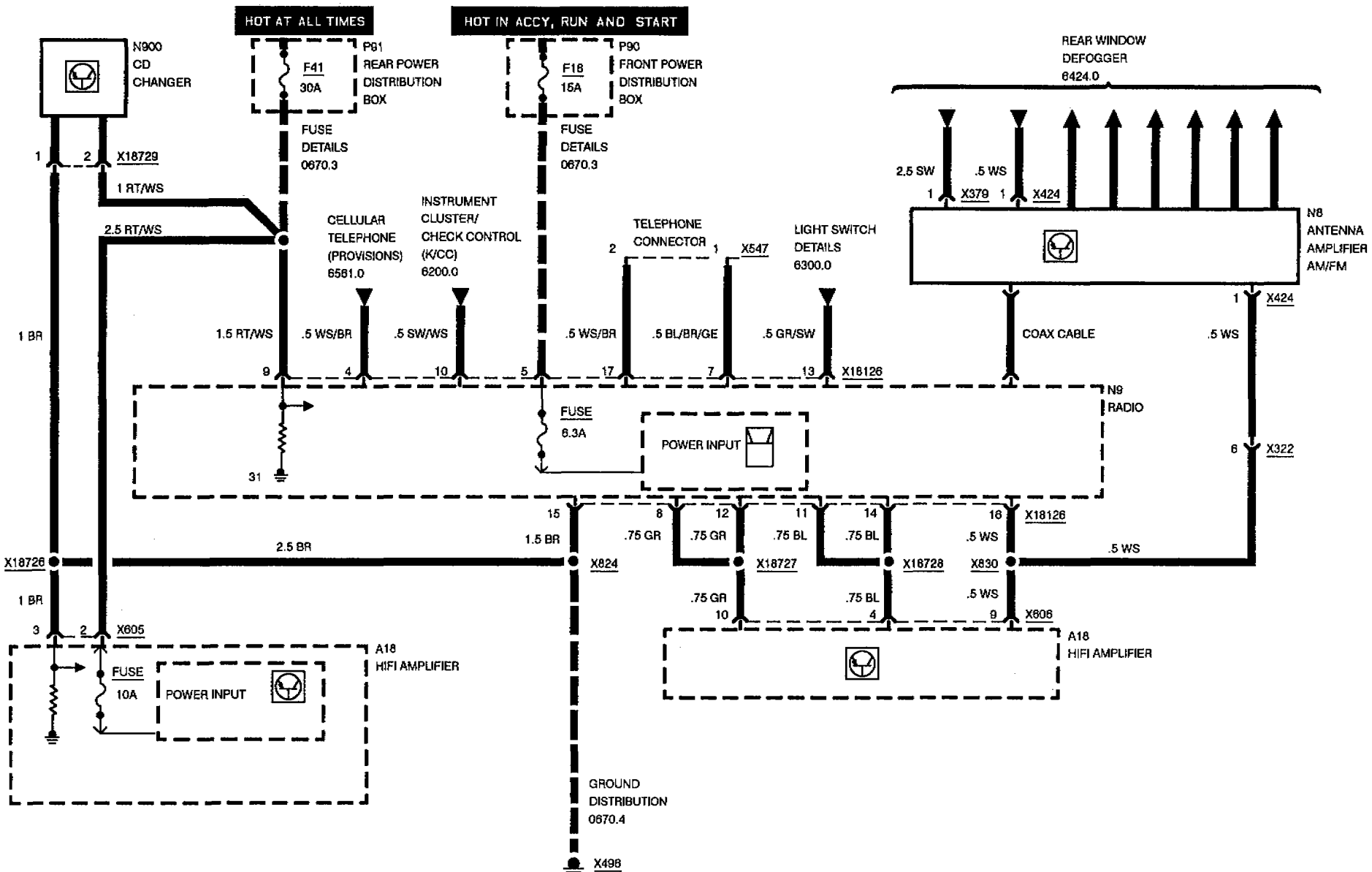
AUXILIARY FAN



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RADIO/HIFI

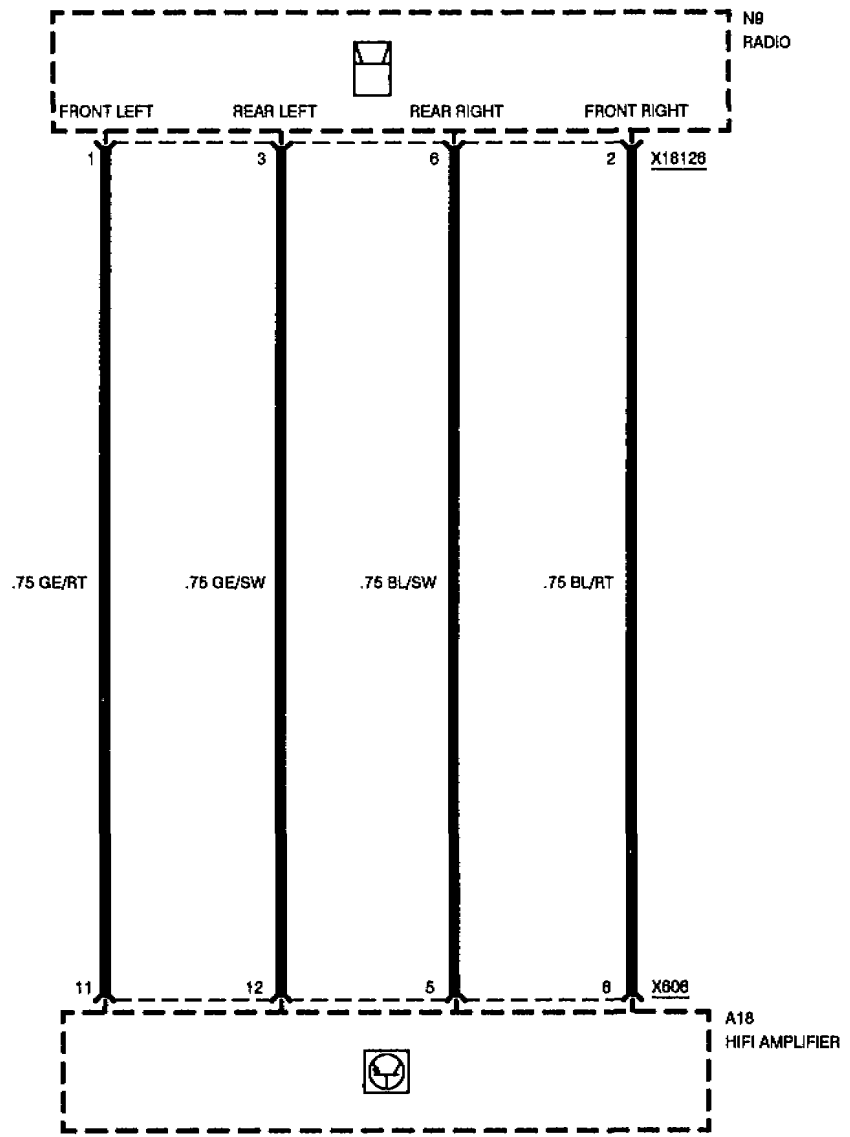
HIFI, 10-SPEAKER SYSTEM



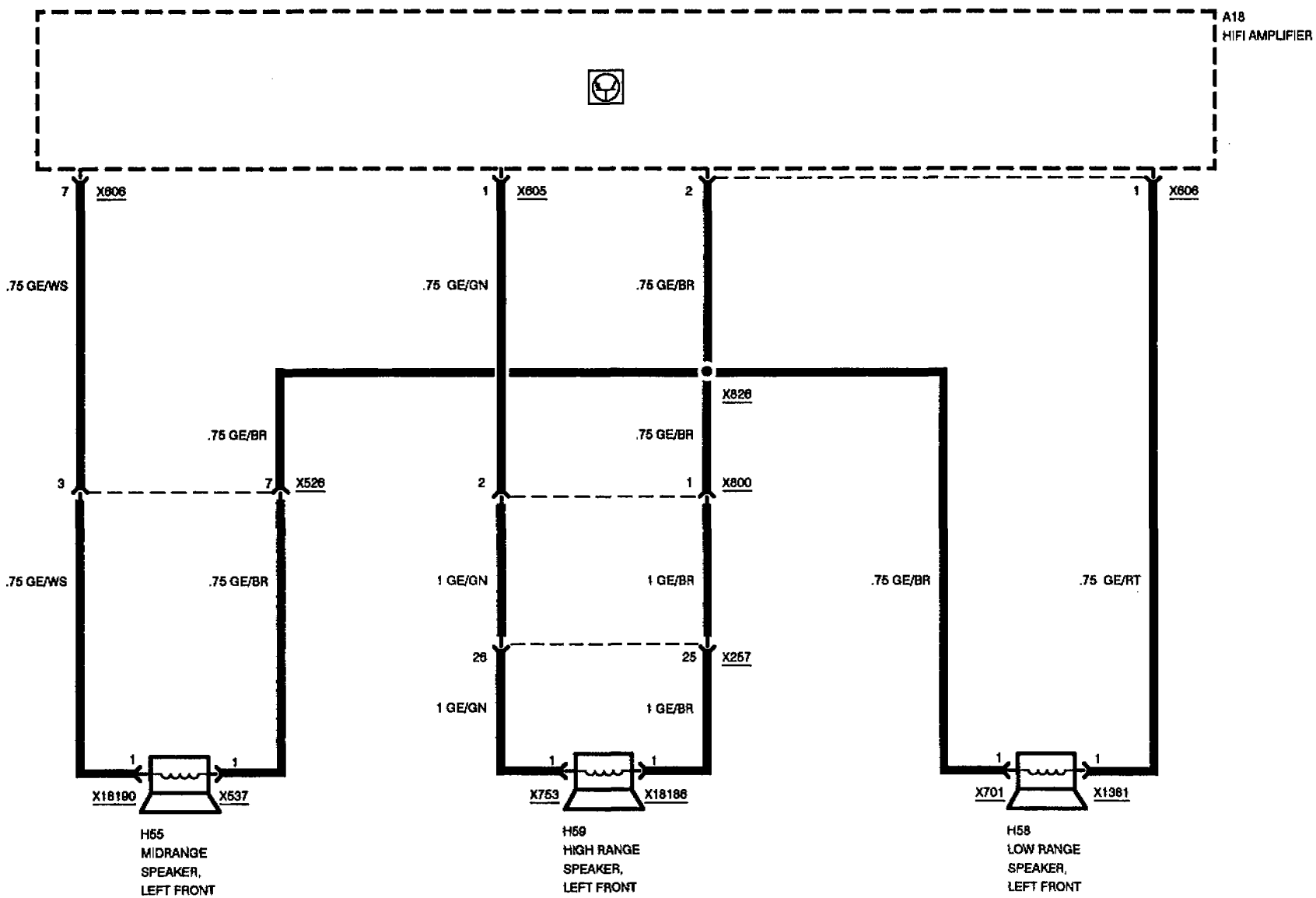
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RADIO/HIFI

HIFI, 10-SPEAKER SYSTEM

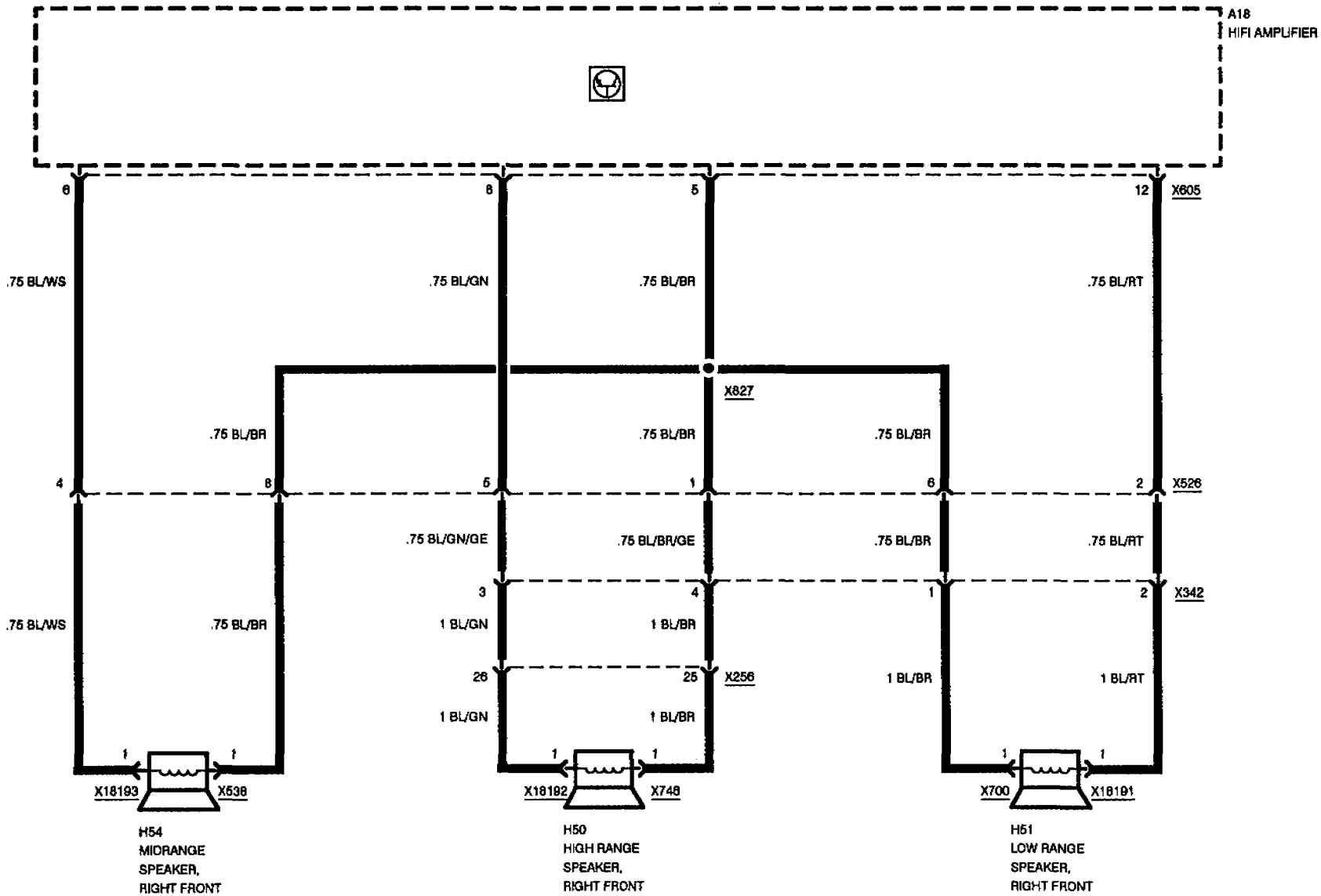


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A18
HIFI AMPLIFIER
7 X606
1 X605
2
1 X606
.75 GE/WS
.75 GE/GN
.75 GE/BR
X826
.75 GE/BR
.75 GE/BR
3
7 X526
2
1 X800
.75 GE/WS
.75 GE/BR
1 GE/GN
1 GE/BR
.75 GE/BR
.75 GE/RT
26
25 X257
1 GE/GN
1 GE/BR
1
1
X18190
X537
H55
MIDRANGE
SPEAKER,
LEFT FRONT
1
1
X753
X18186
H59
HIGH RANGE
SPEAKER,
LEFT FRONT
1
1
X701
X1361
H58
LOW RANGE
SPEAKER,
LEFT FRONT

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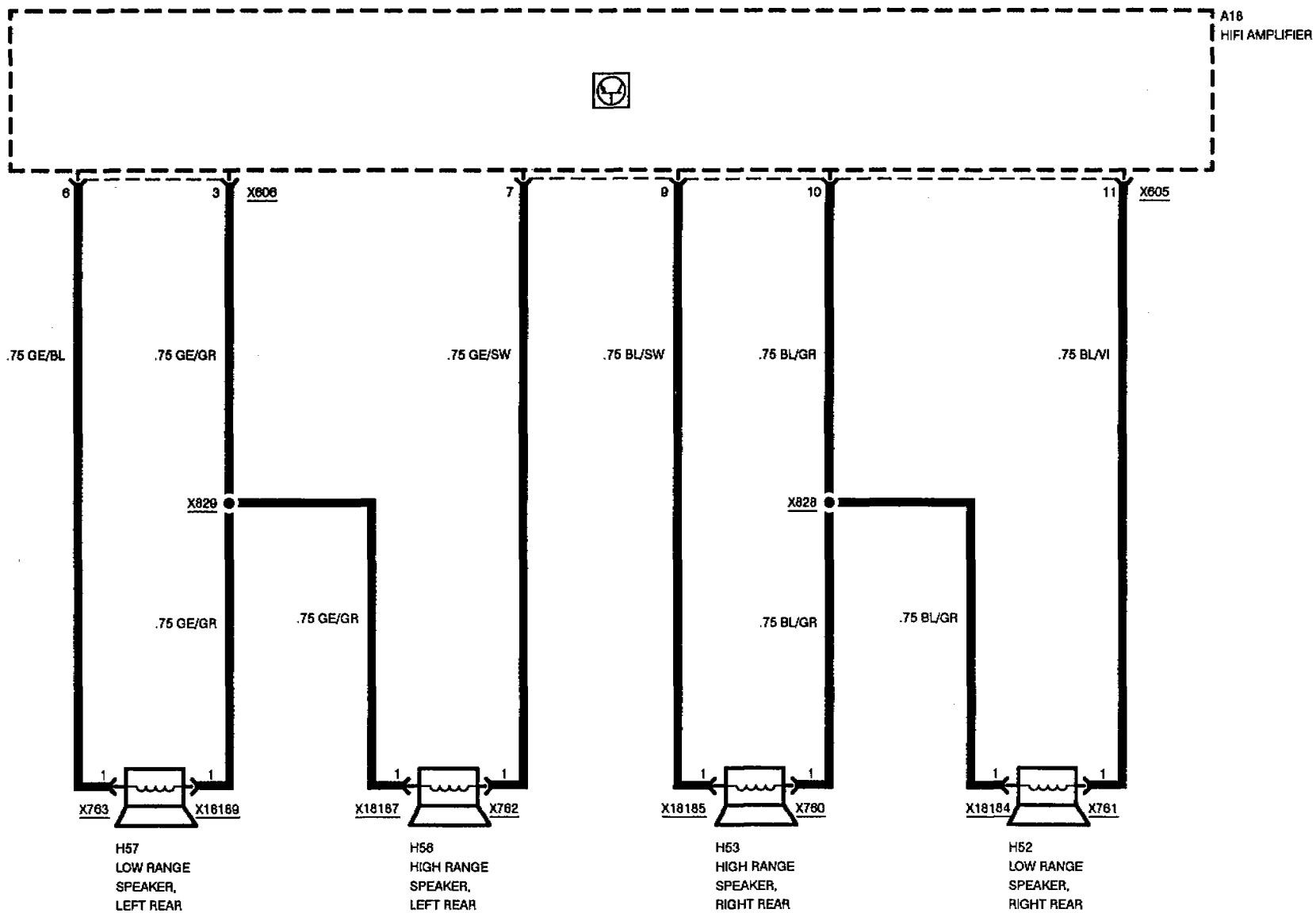
HIFI, 10-SPEAKER SYSTEM



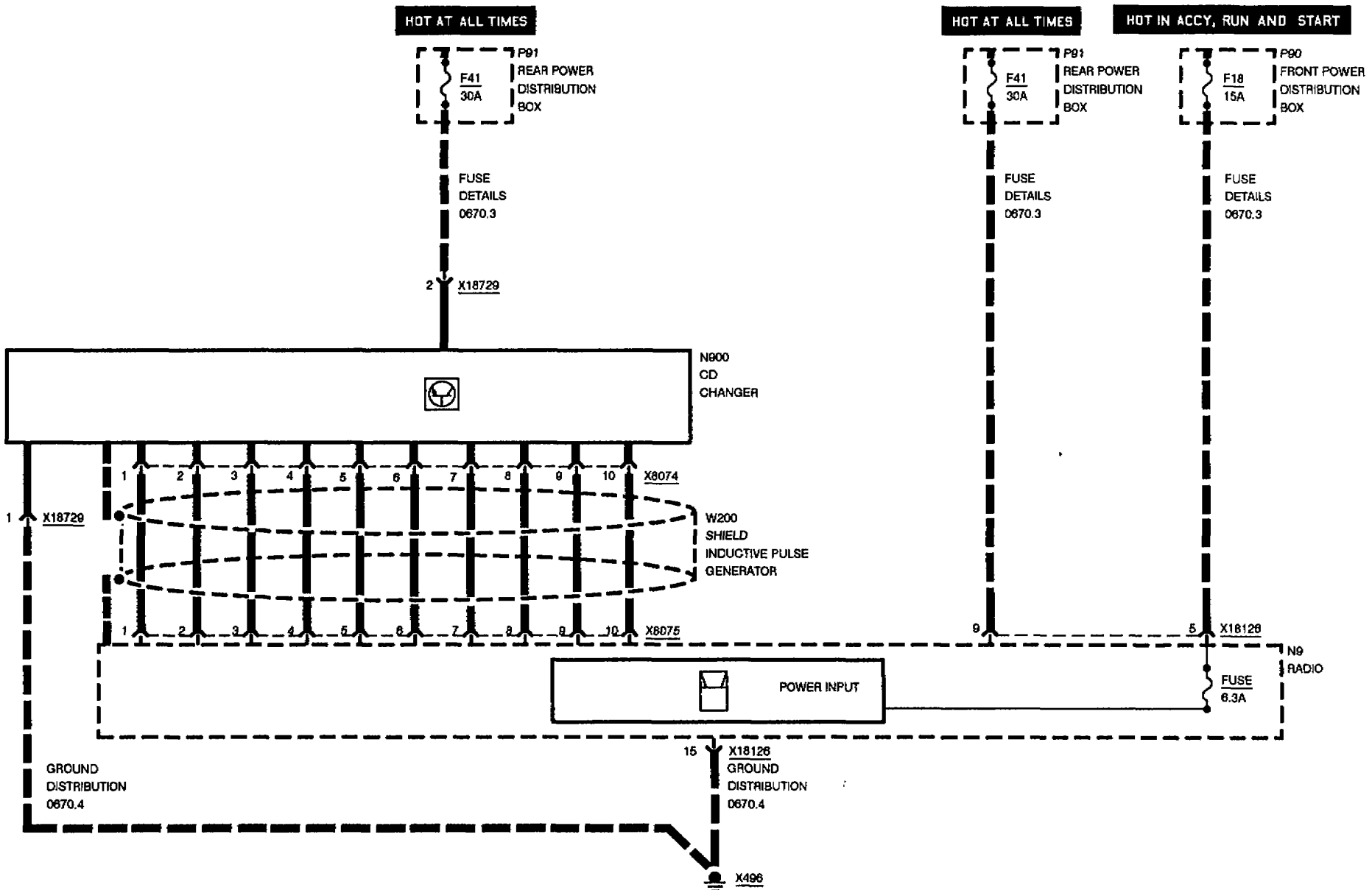
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RADIO/HIFI

HIFI, 10-SPEAKER SYSTEM

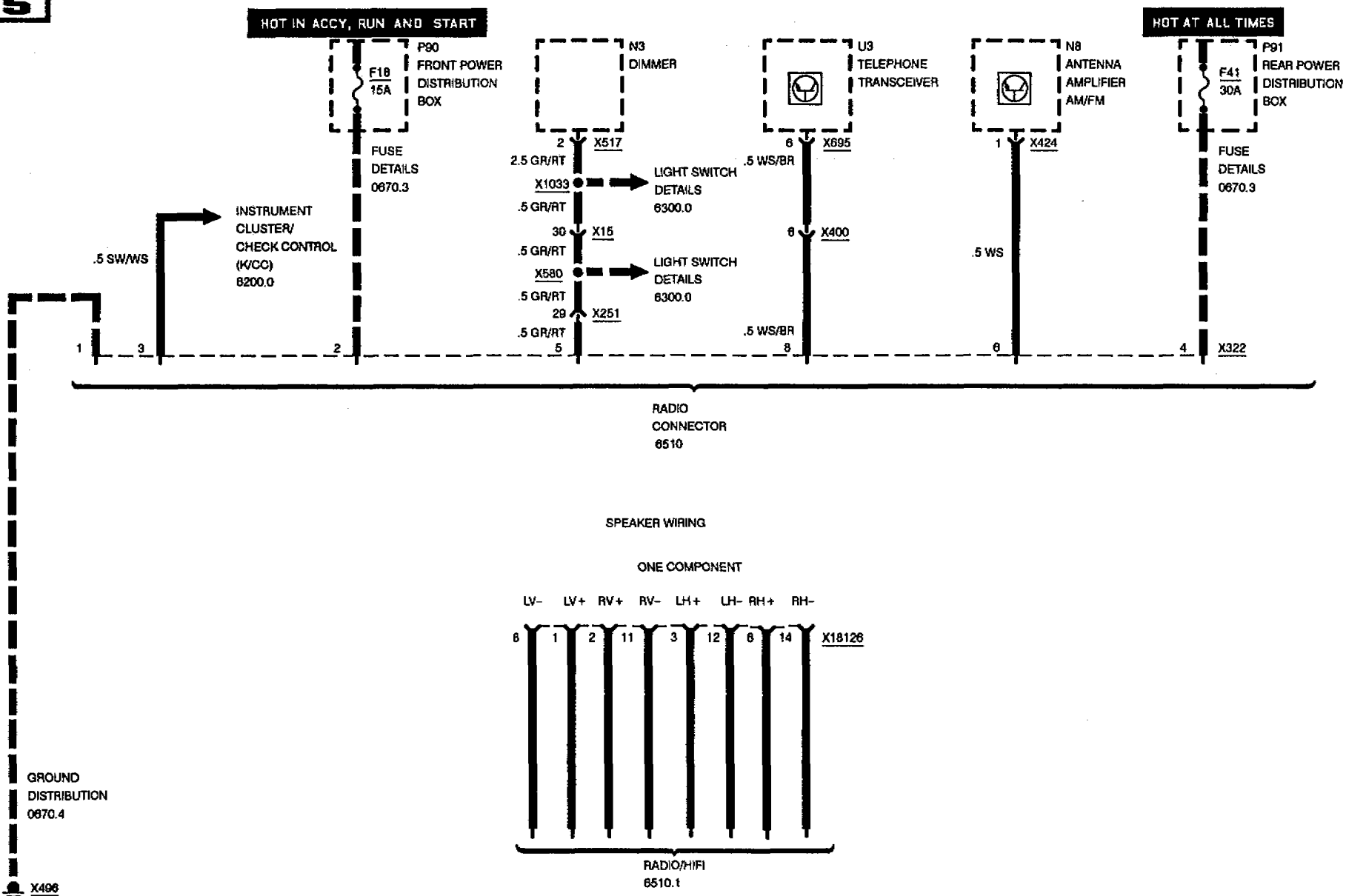


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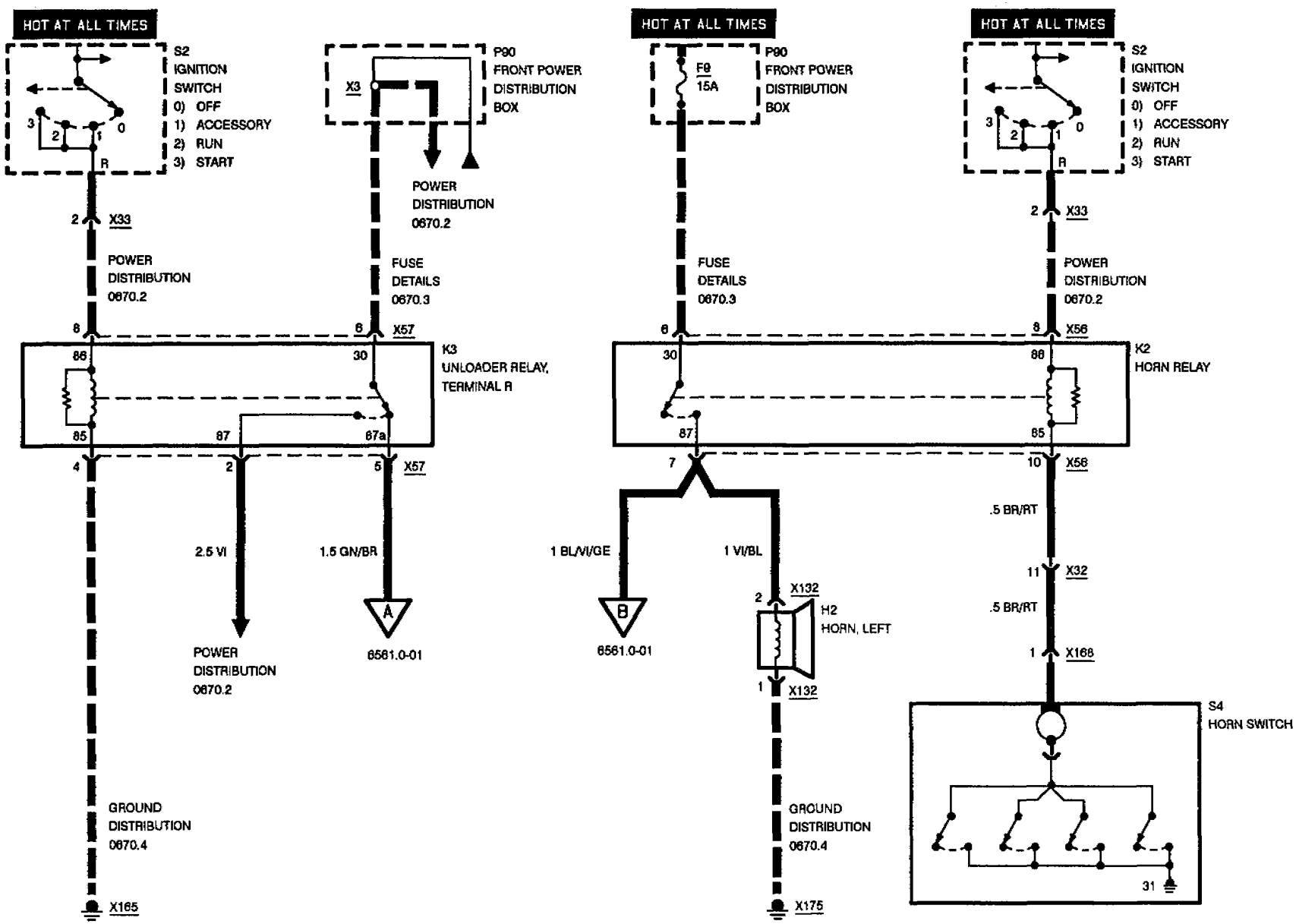
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RADIO PROVISIONS



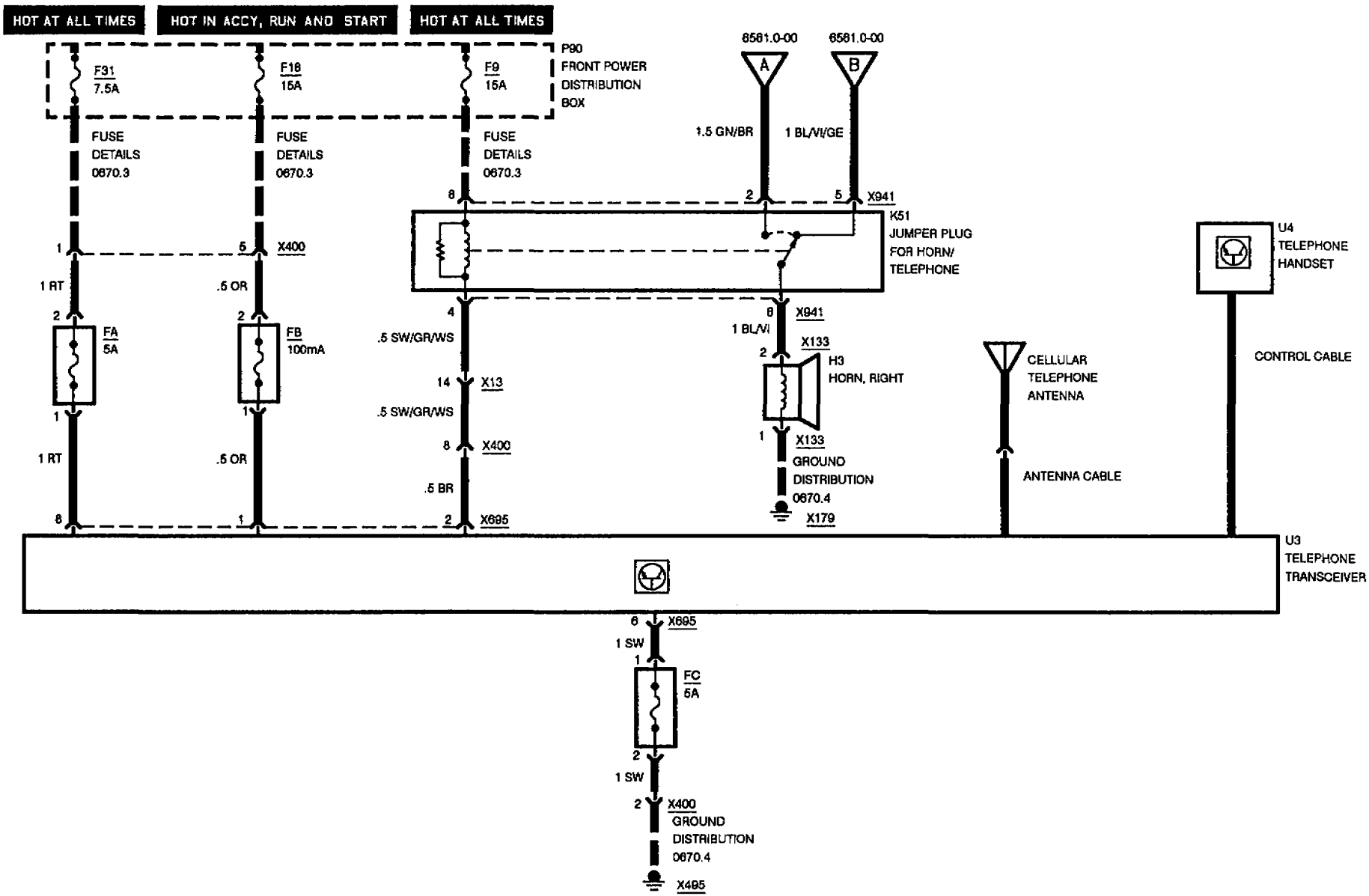
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CELLULAR TELEPHONE (PROVISIONS)



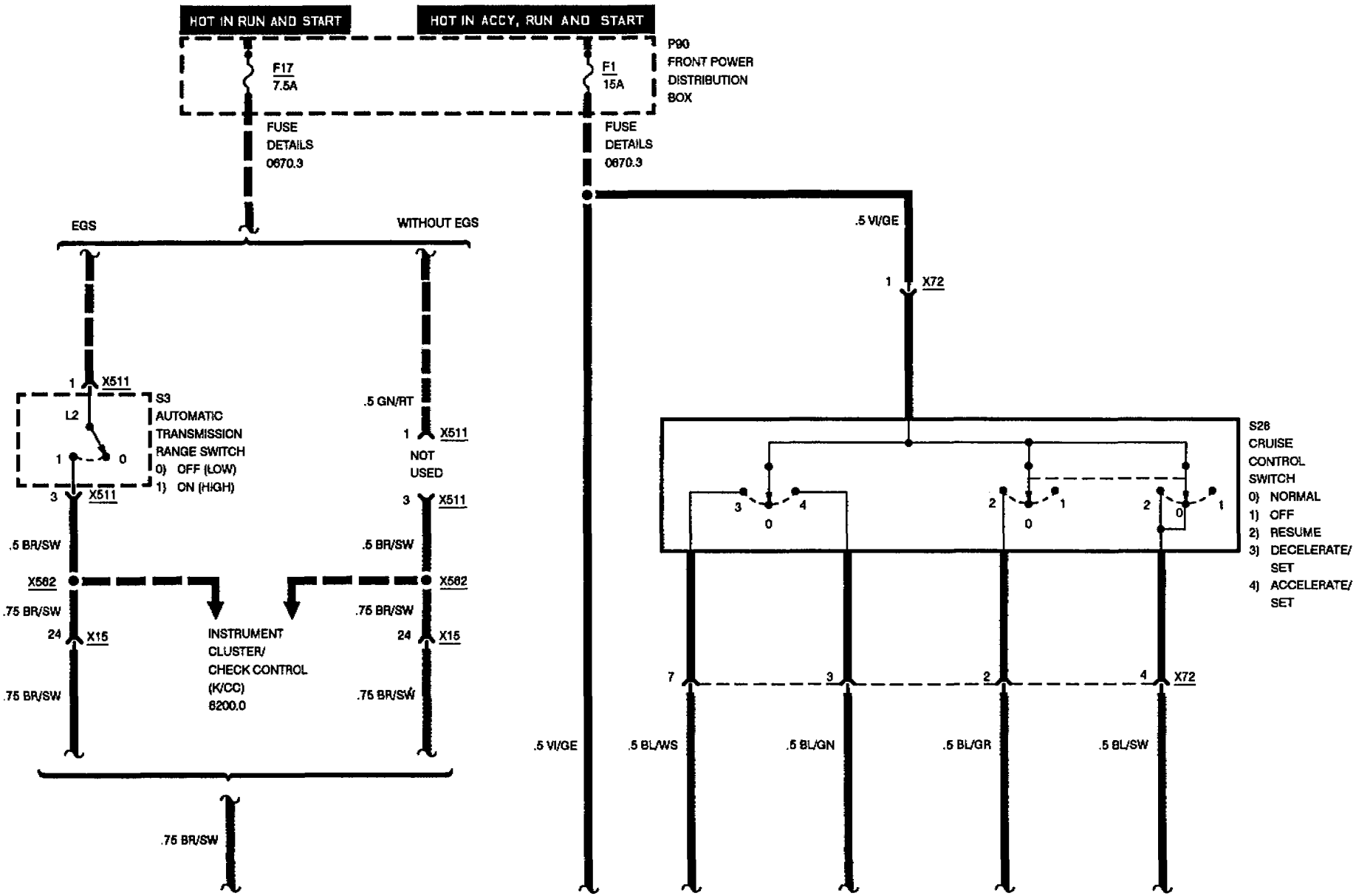
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CELLULAR TELEPHONE (PROVISIONS)

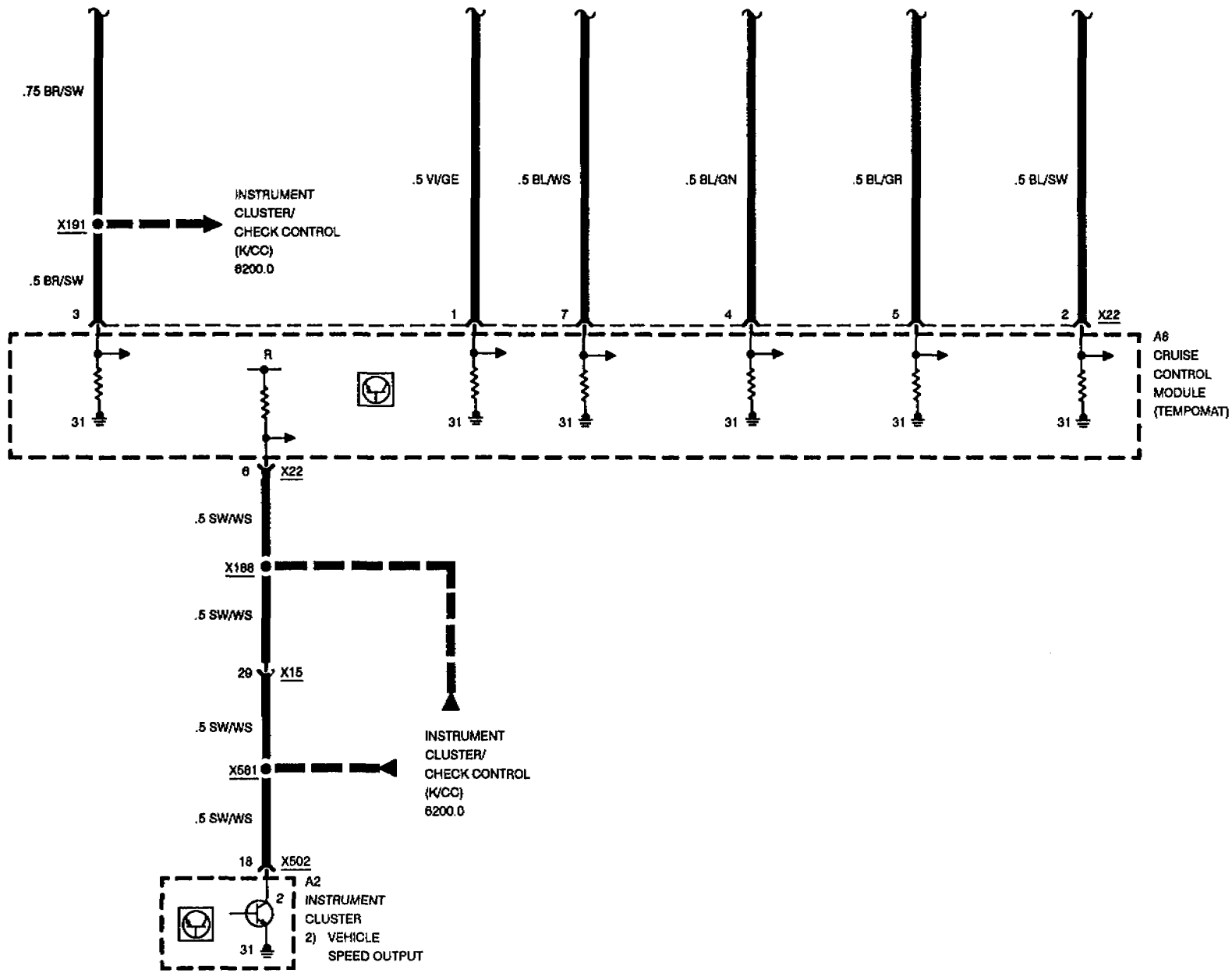


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CRUISE CONTROL (TEMPOMAT)

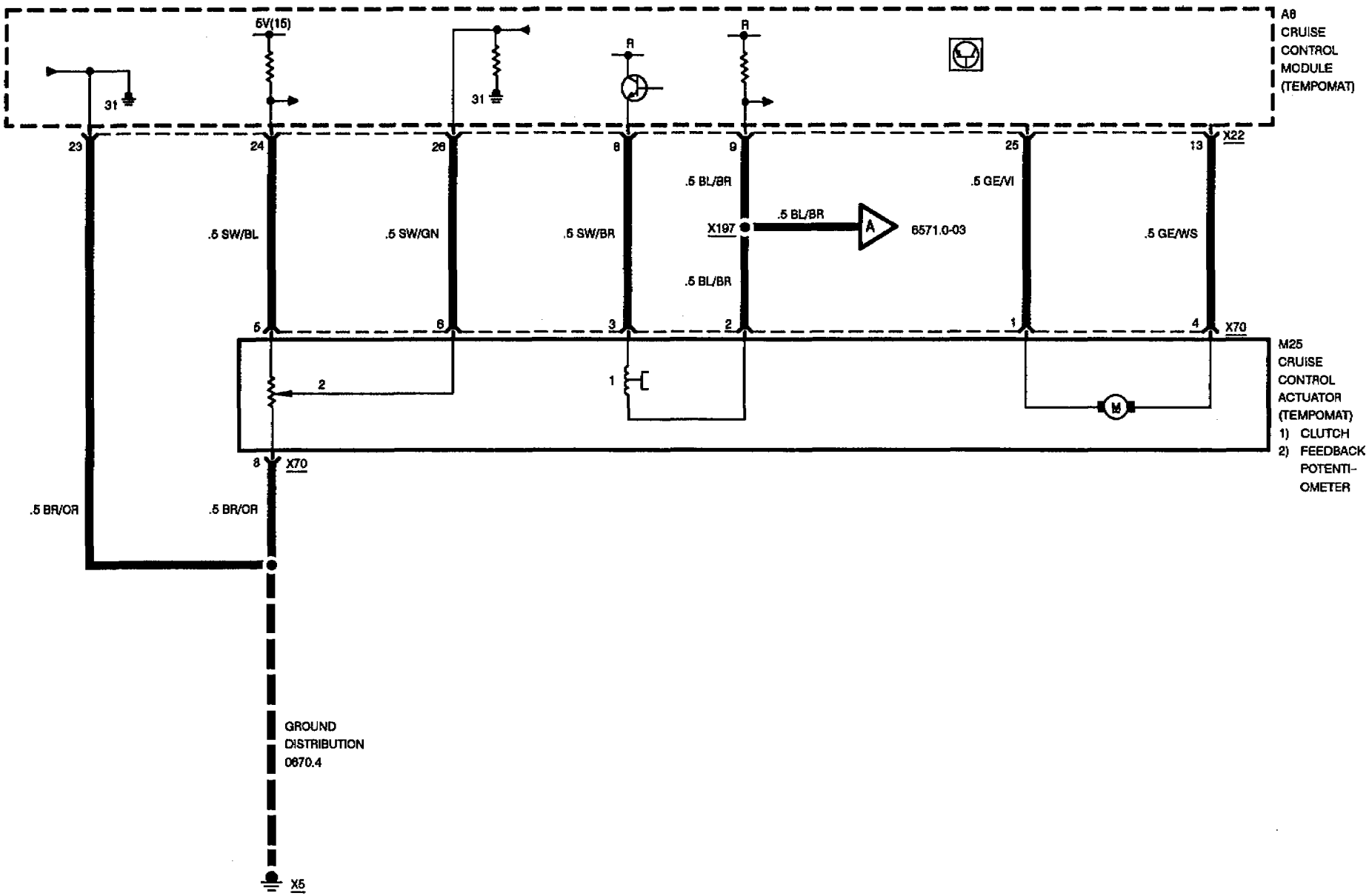


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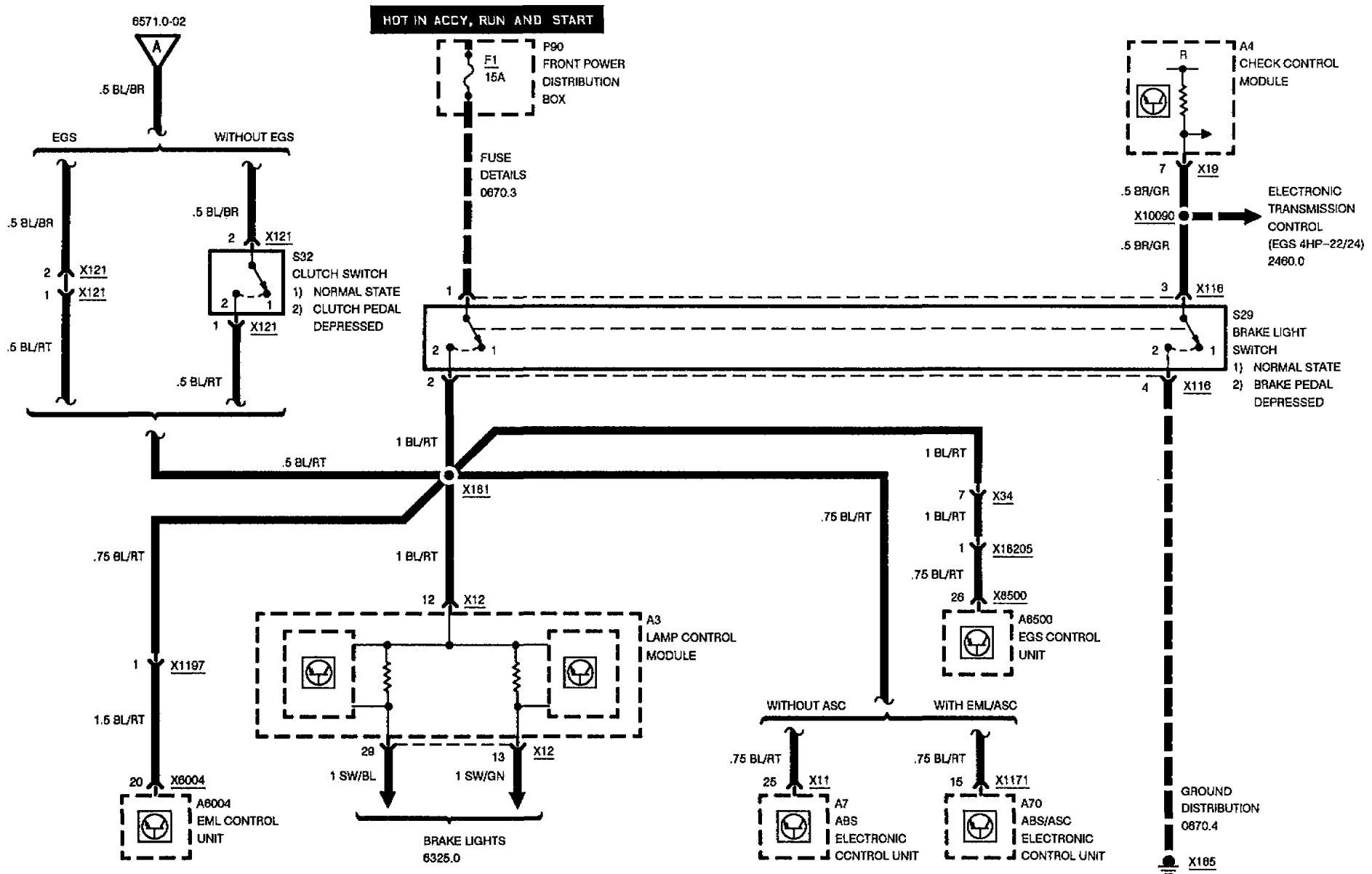
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CRUISE CONTROL (TEMPOMAT)



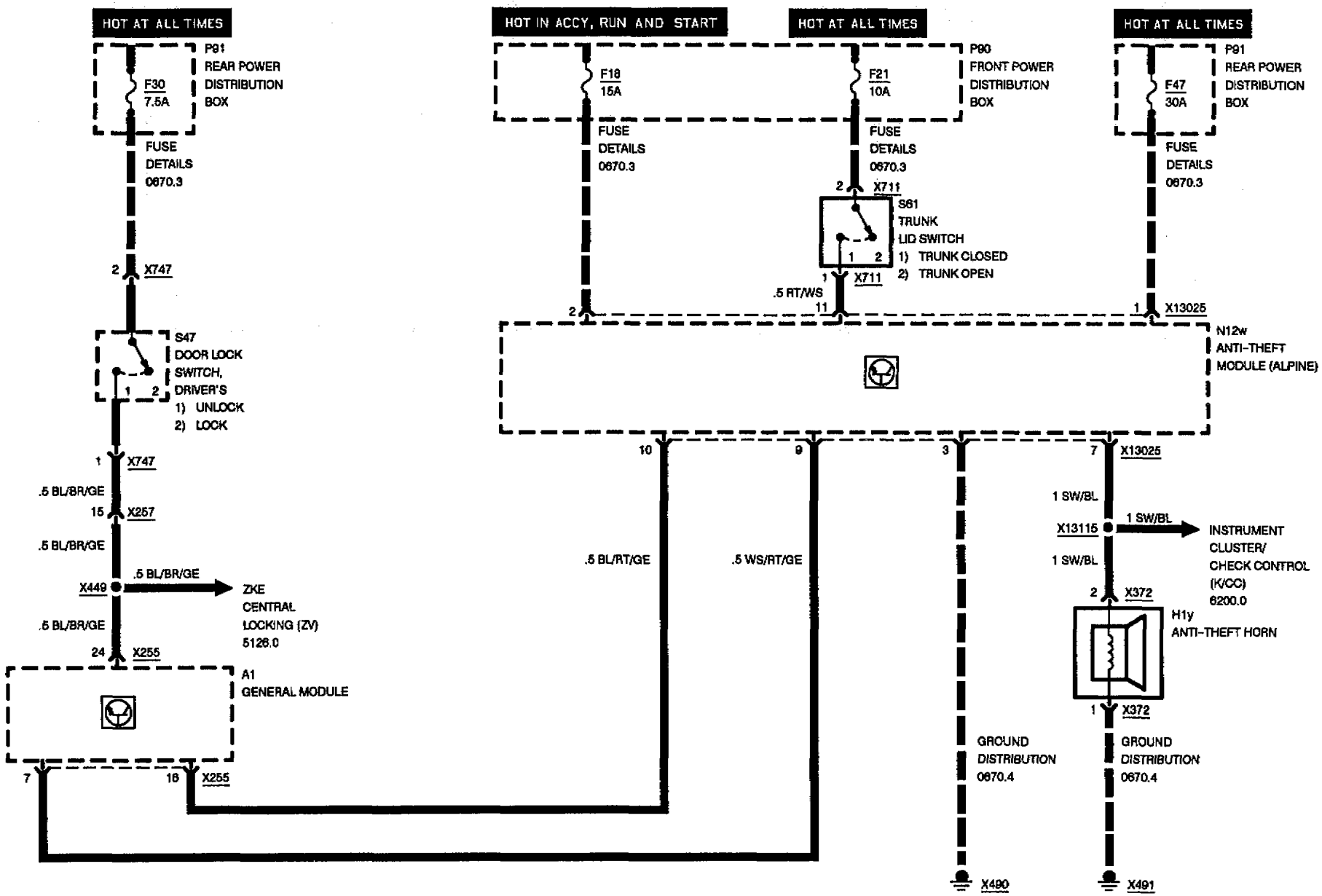
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CRUISE CONTROL (TEMPOMAT)



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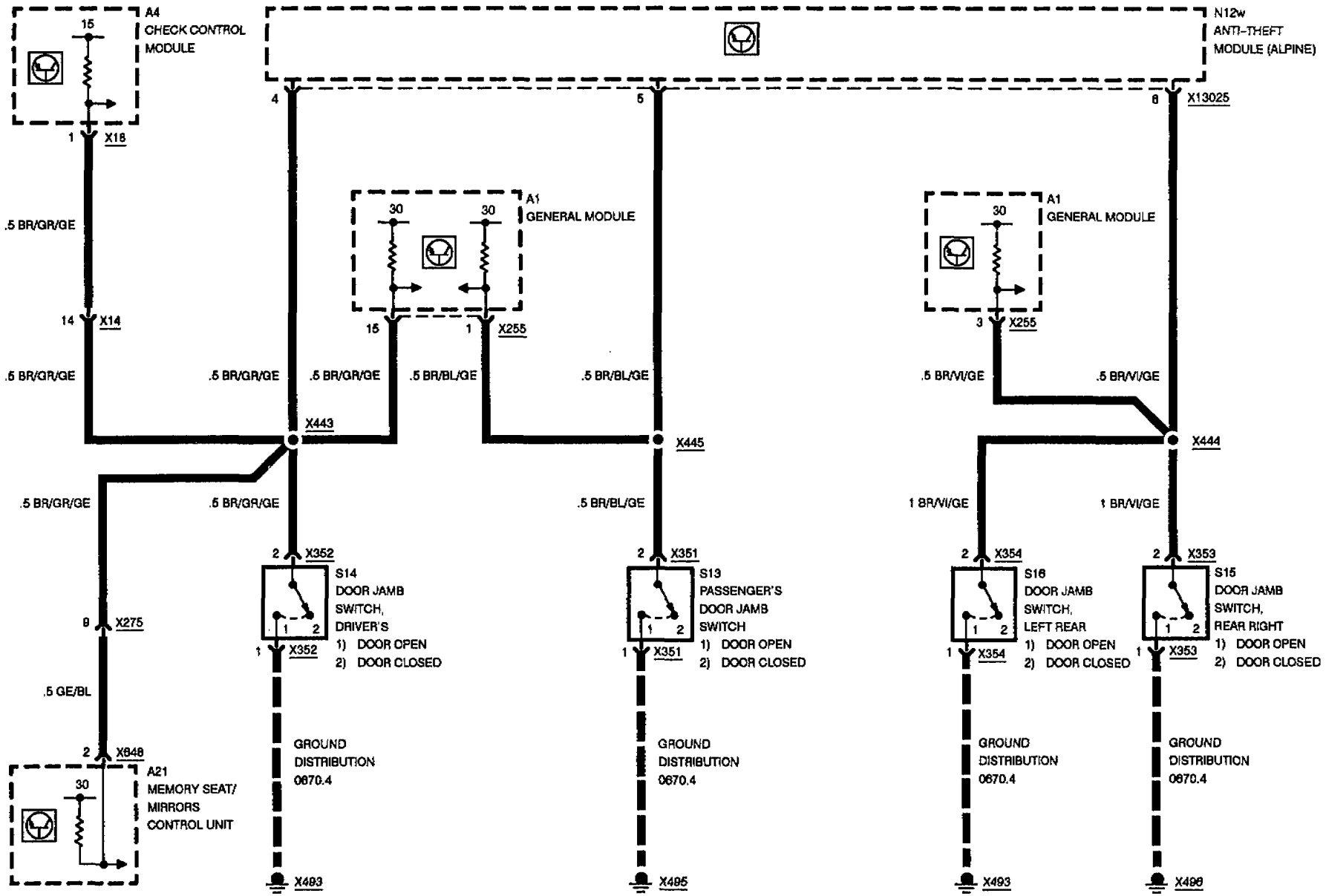
ANTITHEFT SYSTEM (ALPINE)



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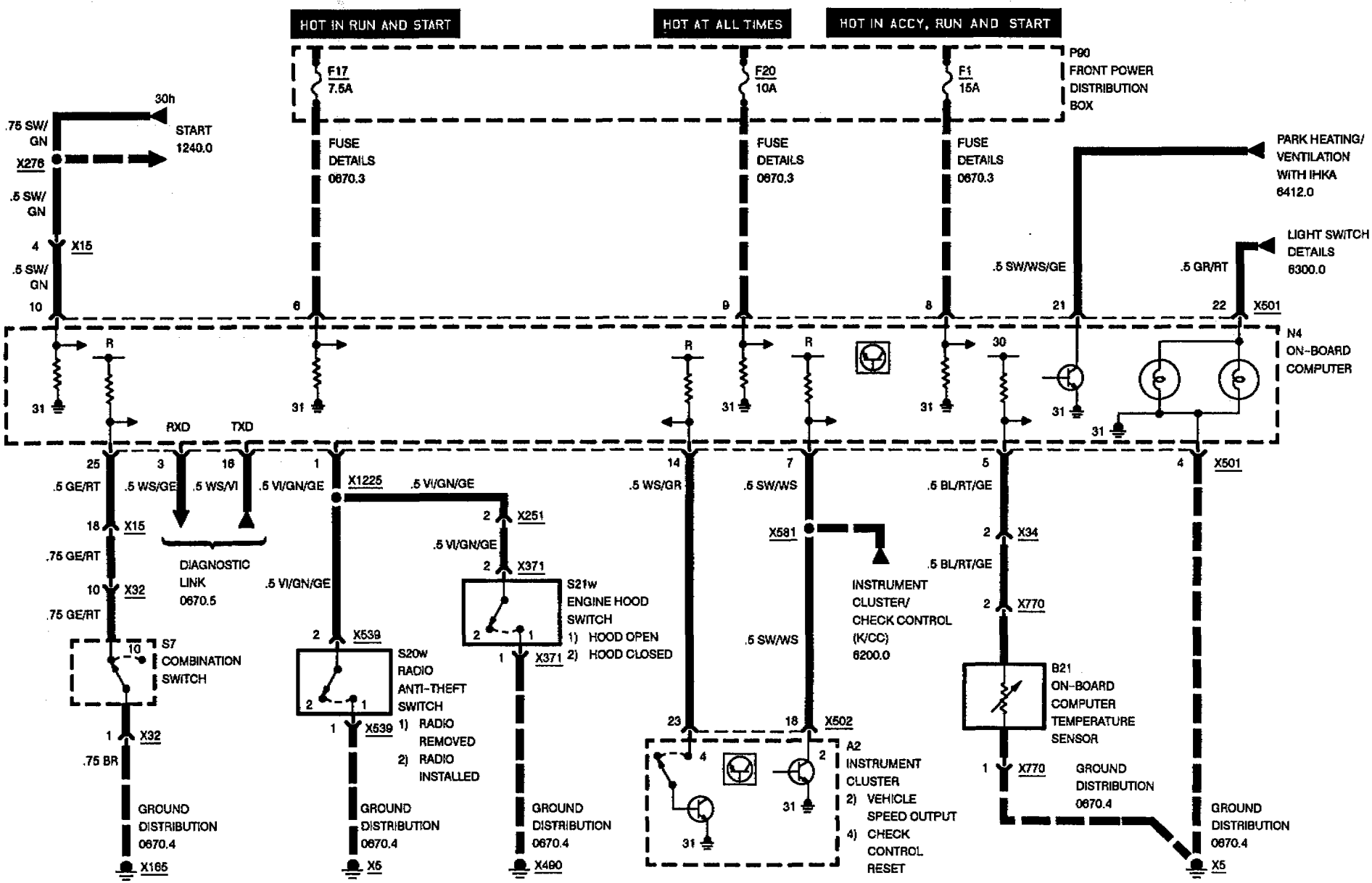
ANTITHEFT SYSTEM (ALPINE)

FRONT AND REAR DOOR JAMB SWITCHES



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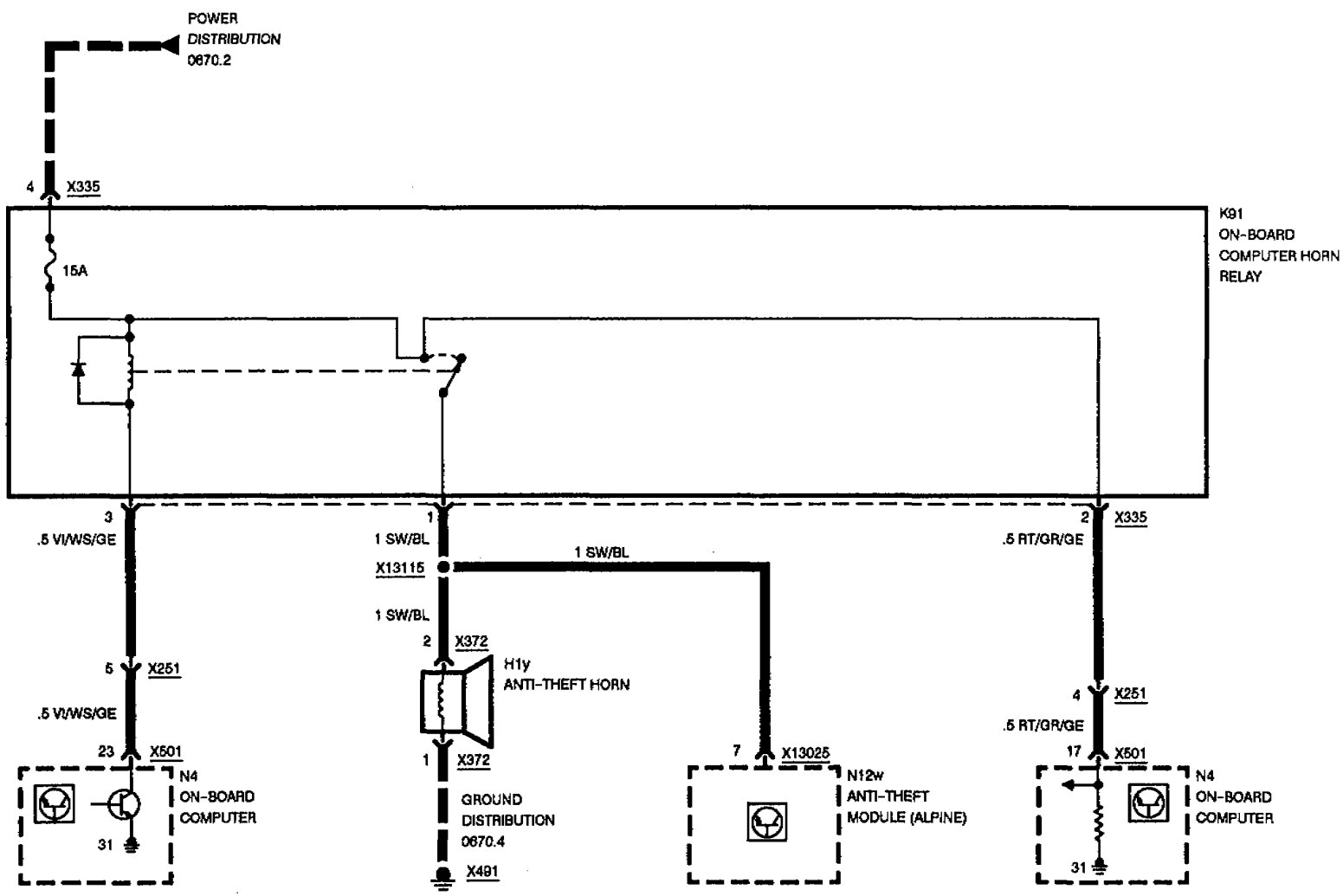
ON-BOARD COMPUTER (BCIV)



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ON-BOARD COMPUTER (BCIV)

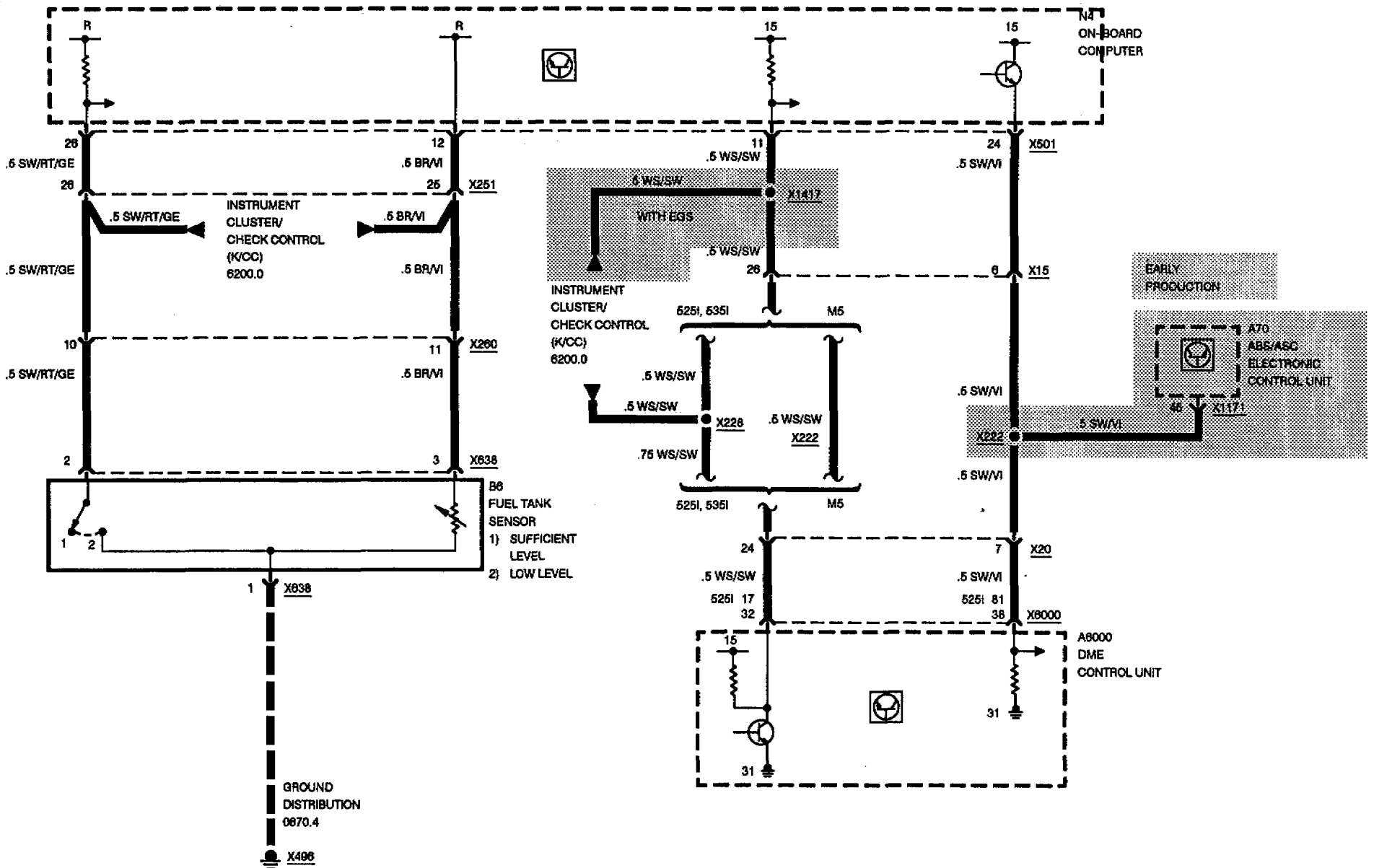
ANTI-THEFT HORN



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ON-BOARD COMPUTER (BCIV)

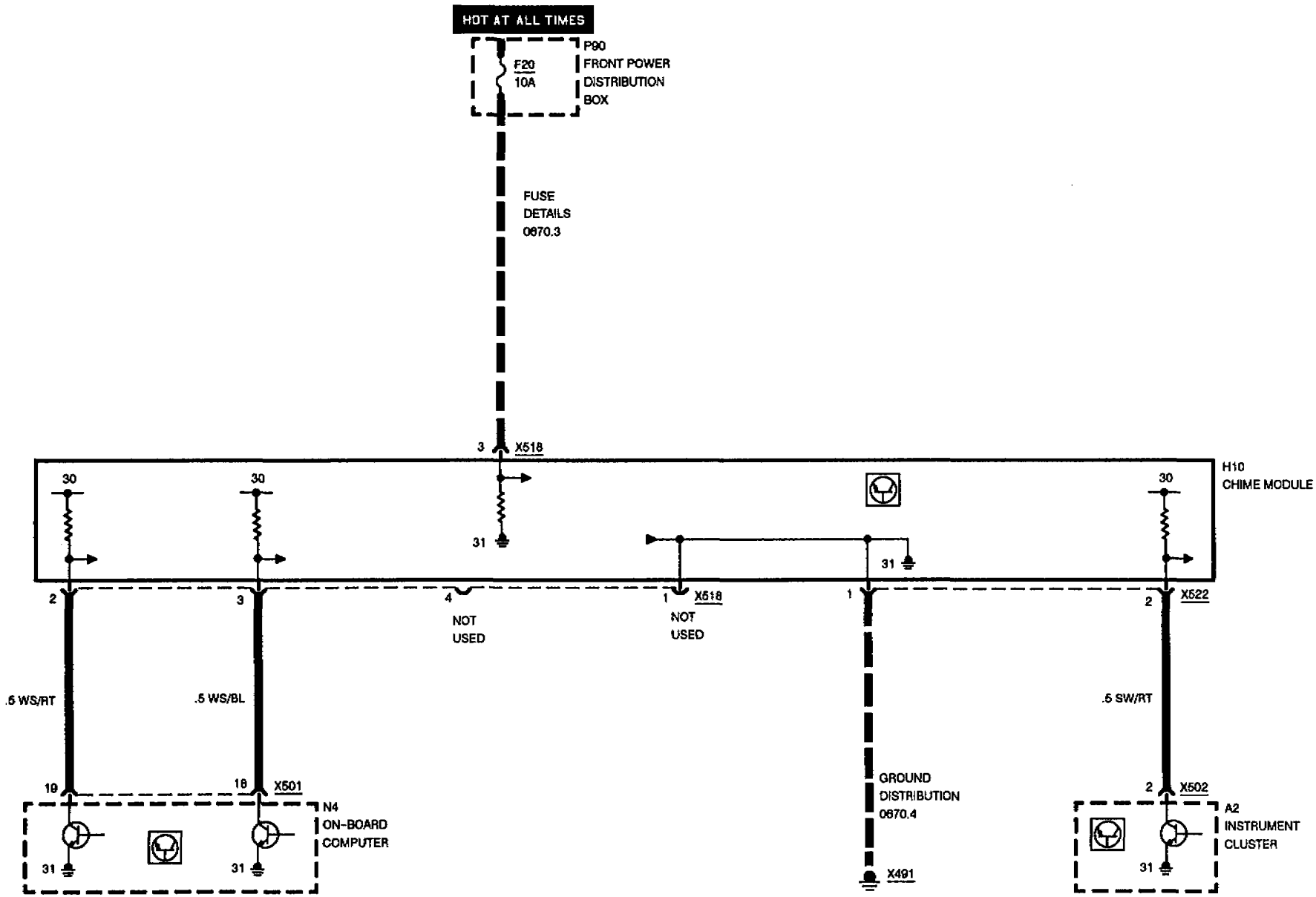
FUEL GAUGE



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ON-BOARD COMPUTER (BCIV)

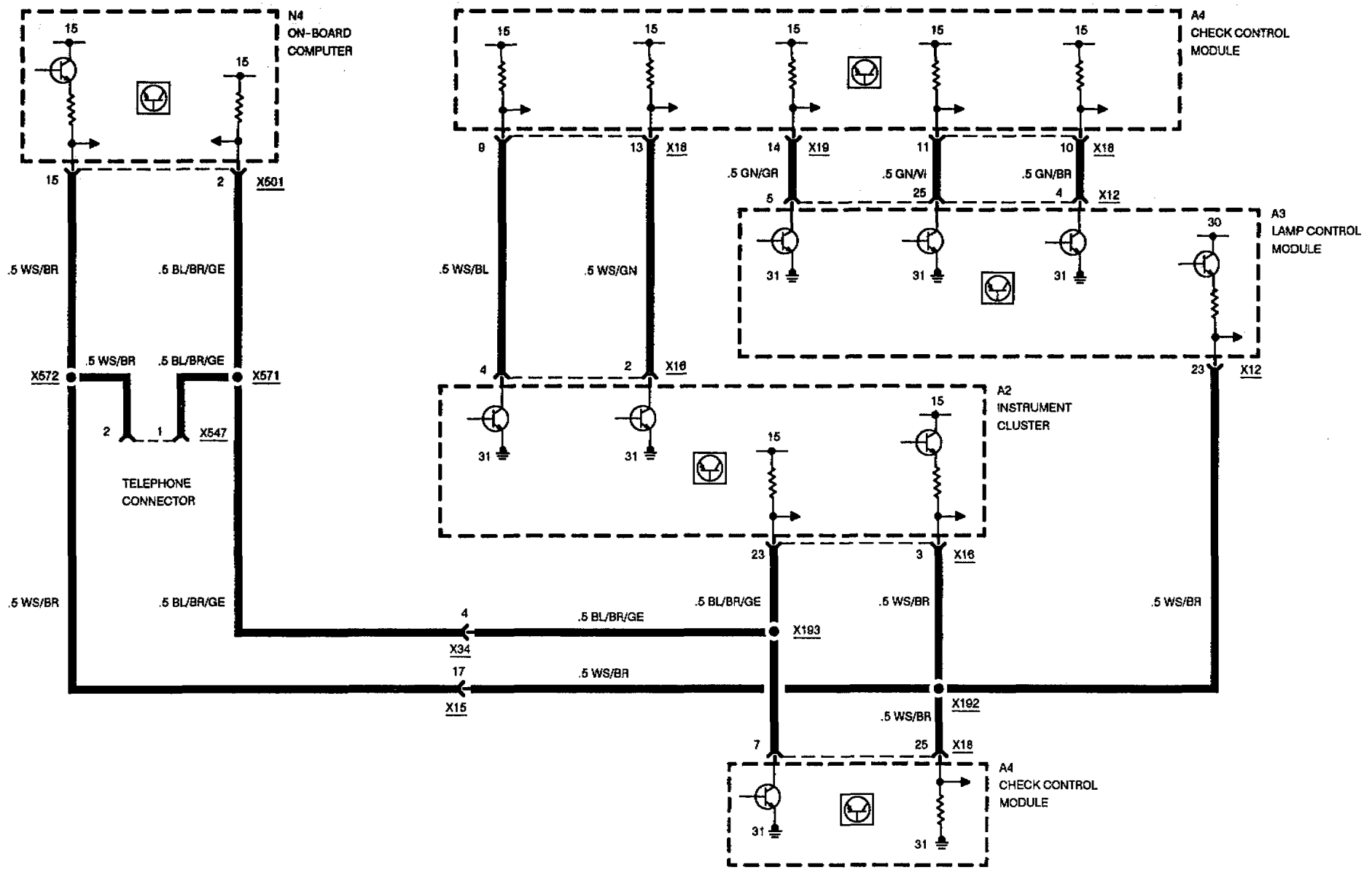
CHIME MODULE



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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 (M30/S38 Engines)	Behind RH front shock tower, in P93 E-Box 7100.0-16-2
A7	ABS Electronic Control Unit (M50 Engine)	Behind RH front shock tower, in P93 E-Box 7100.0-15-3
A8	Cruise Control Module (Tempomat) (M50 Engine)	Behind RH front shock tower, in P93 E-Box 7100.0-15-3
A8	Cruise Control Module (Tempomat) (M30/S38 Engines)	Behind RH front shock tower, in P93 E-Box 7100.0-16-2
A12	Diagnostic Module (SRS)	Below LH side of dash, LH side of steering column 7100.0-29-2
A15	Park Heating/Ventilation Relay Box	Inside RH kick panel 7100.0-38-3
A17	Servotronic Control Unit	Inside LH kick panel Not in US
A18	HIFI Amplifier	LH side of trunk, on brace 7100.0-49-1
A21	Memory Seat/Mirrors Control Unit	Under driver's seat 7100.0-42-2
A70	ABS/ASC Electronic Control Unit	Behind RH front shock tower, in P93 E-Box 7100.0-15-2
A87	Integrated Climate Regulation II Control Unit	Below center of dash, ahead of IHKR 2 Plenum 7100.0-37-2
A552	A/C Compressor Control Unit	Inside LH kick panel 7100.0-27-2
A6000	DME Control Unit (M30/S38 Engines)	Behind RH front shock tower, in P93 E-Box 7100.0-16-2
A6000	DME Control Unit (M50 Engine)	Behind RH front shock tower, in P93 E-Box 7100.0-15-3
A6004	EML Control Unit	Behind RH front shock tower, in P93 E-Box 7100.0-15-2
A6006	Air-Intake Control Unit	Behind RH front shock tower, in P93 E-Box 7100.0-16-3
A8500	EGS Control Unit	Inside RH kick panel 7100.0-38-2
B1	Right Front Speed Sensor	Behind RH front wheel 7100.0-23-2
B2	Left Front Speed Sensor	Behind LH front wheel 7100.0-23-1
B3	Right Rear Speed Sensor	Behind RH rear wheel 7100.0-24-1

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COMPONENT LOCATION CHART

B4	Left Rear Speed Sensor	Behind LH rear wheel	7100.0-23-3
B6	Fuel Tank Sensor	Below RH side of trunk, through maintenance cover, RH side of spare tire	7100.0-50-2
B8y	Pressure Switch	RH front of engine compartment	7100.0-20-2
B9y	Pressure Switch	RH front of engine compartment	7100.0-20-2
B10	Vehicle Speed Sensor	Below rear of car, on rear differential	7100.0-26-3
B11	Left Heat Exchanger Temperature Sensor	Below LH side of dash, on LH side of IHKR 2 plenum	7100.0-33-3
B12	Right Heat Exchanger Temperature Sensor	Below RH side of dash, in RH side of IHKR 2 plenum	7100.0-37-1
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	Below LH side of dash, on lower LH side of IHKR 2 plenum	7100.0-33-2
B15	Electrohydraulic Converter (Servotronic)	LH side of engine	
B16	Left Front Brake Pad Sensor	Behind LH front wheel, on brake caliper	7100.0-23-1
B17	Right Rear Brake Pad Sensor	Behind RH rear wheel, on brake caliper	7100.0-24-1
B18	Brake Fluid Level Switch (M50/S38 Engines)	LH rear of engine compartment, top of brake fluid reservoir	7100.0-02-2
B18	Brake Fluid Level Switch (M30 Engine)	LH rear of engine compartment, top of brake fluid reservoir	7100.0-02-3
B21	On-Board Computer Temperature Sensor	Under RH side of front bumper	7100.0-22-2
B22	Wheel Camber Control Unit	Below RH rear of car, near rear differential	7100.0-26-2
B900	Jumper Plug	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
B6200	Heated Oxygen Sensor (M30/M50 Engines)	In top of catalytic converter, near rear of transmission	7100.0-25-3
B6200	Heated Oxygen Sensor (S38 Engine)	Below center of vehicle, on catalytic converter	7100.0-26-1
B6201	Cylinder Identification (S38 Engine)	Front of engine, near distributor	7100.0-12-1
B6201	Cylinder Identification (M30 Engine)	RH front of engine, near distributor	7100.0-10-3
B6202	Engine Speed/Reference Point Sensor (M30 Engine)	Front of engine, below distributor	7100.0-10-3
B6202	Engine Speed/Reference Point Sensor (M50 Engine)	Front of engine, near radiator fan	
B6202	Engine Speed/Reference Point Sensor (S38 Engine)	Front of engine, below distributor	7100.0-08-2
B6204	Camshaft Sensor	Top front of engine	7100.0-18-1
B6205	Engine Intake Air Temperature Sensor (M50 Engine)	LH side of engine, on intake manifold	7100.0-19-2

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COMPONENT LOCATION CHART

B6205	Engine Intake Air Temperature Sensor (S38 Engine)	LH front of engine compartment, in front of LH shock tower.	7100.0-06-3
B6206	Air Mass Meter	LH front of engine compartment, in front of LH shock tower.	7100.0-06-2
B6230	Oil Level	Lower LH front of engine, on bottom of oil pan	7100.0-24-3
B6231	Oil Pressure Switch (M30 Engine)	Top rear of engine, rear of cylinder head	7100.0-10-1
B6231	Oil Pressure Switch (M50 Engine)	LH side of engine	7100.0-18-3
B6231	Oil Pressure Switch (S38 Engine)	LH front of engine	7100.0-08-1
B6232	Coolant Temperature Sensor (S38 Engine)	RH side of engine, on coolant inlet	7100.0-12-3
B6232	Coolant Temperature Sensor (M50 Engine)	LH side of engine, below intake manifold	7100.0-18-1
B6232	Coolant Temperature Sensor (M30 Engine)	On coolant inlet, near RH valve cover	7100.0-10-2
B6233	Air Quantity Meter (M30 Engine)	Top center of engine, ahead of oil fill cap	7100.0-11-1
B6234	Water Temperature Sensor (EML)	On coolant inlet, near RH valve cover	7100.0-10-2
B6235	Temperature Switch	Behind RH front shock tower, in P93 E-Box	7100.0-16-2
B6236	Coolant Temperature Sensor (M50 Engine)	LH side of engine, below intake manifold	7100.0-18-1
B6236	Coolant Temperature Sensor (S38 Engine)	RH side of engine, on coolant inlet	7100.0-12-3
B6236	Coolant Temperature Sensor (M30 Engine)	RH side of engine, on coolant inlet	7100.0-10-2
B6238	Oil Temperature Sensor	LH front of engine	7100.0-08-1
B9508	Pressure Switch	RH front of engine compartment	7100.0-20-2
C100	Contact Ring	Inside steering wheel	7100.0-30-2
C900	Suppression Filter	In RH "C" pillar	7100.0-48-2
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	7100.0-09-3
E52	Right Washer Jet Heater	RH rear of engine compartment hood, under cover	7100.0-09-3
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	
E65	Left Rear Seatback Heater	In LH rear seatback	
E66	Left Rear Seat Heater	In LH rear seat	
E67	Right Rear Seat Heater	In RH rear seat	
E68	Right Rear Seatback Heater	In RH rear seatback	

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COMPONENT LOCATION CHART

F0	Fusible Link 80A (M30/S38 Engines)	Below RH side of rear seat	7100.0-48-1
F0	Fusible Link 80A (M50 Engine)	RH side of engine compartment, on front of shock tower	7100.0-17-3
FA	Fuse 5A	RH front of trunk.	7100.0-50-1
FB	Fuse 100mA	RH front of trunk.	7100.0-50-1
FC	Fuse 5A	RH front of trunk.	7100.0-50-1
G1	Battery (M30/S38 Engines)	Below RH side of rear seat	7100.0-48-1
G1	Battery (M50 Engine)	RH front of engine compartment	7100.0-17-3
G2	Alternator	Lower LH front of engine	7100.0-08-3
G5	Driver's Air Bag Generator	Inside center of steering wheel	7100.0-30-2
H1	Antitheft Horn	Behind center of fresh air cowl panel	7100.0-21-3
H2	Left Horn	Front of car, behind grille	7100.0-22-1
H3	Right Horn	Front of car, behind grille	7100.0-22-1
H10	Chime Module	Below LH side of dash, mounted in hush panel	7100.0-28-1
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, Terminal R	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	7100.0-01-1
K8	Auxiliary Water Pump Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K9	Unloader Relay, Terminal 15.	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
K10	ABS Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1

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COMPONENT LOCATION CHART

K11	Wiper Relay	Below LH side of rear seat, in 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	7100.0-45-1
K15	Electric Power Protection Relay	Below LH side of rear seat, in P91 Rear Power Distribution Box	7100.0-45-2
K16	Hazard Flasher Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K17	Rear Seat Heating Relay	Below LH side of rear seat	
K19	Compressor Control Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
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
K25	Right Park Light/License Plate Light Relay	Below LH side of dash, near hood release lever	
K26	Left Park Lights Relay	Below LH side of dash, near hood release lever	
K51	Jumper Plug for Horn/Telephone	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
K61	Unloader Relay, Terminal 61	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K64	DWA Relay	Below LH rear seat	NOT IN US
K86	Full Load Cut-off Relay	Inside LH kick panel	7100.0-27-2
K91	On-Board Computer Horn Relay	Below LH side of rear seat, ahead of P91 Rear Power Distribution Box	7100.0-46-1
K6300	Relay 2 DME (M50 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-15-3
K6300	Relay 2 DME (M30 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-15-2
K6300	Relay 2 DME (S38 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-16-1
K6301	Electric Fuel Pump Relay 1 (M30 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-15-2
K6301	Electric Fuel Pump Relay 1 (M50 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-15-3
K6302	Fuel Pump Relay (S38 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-16-1
K6303	Oxygen Sensor Relay	Behind RH front shock tower, in P93 E-Box	7100.0-15-3

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COMPONENT LOCATION CHART

K6304	Air Pump Relay	Behind RH front shock tower, in P93 E-Box	7100.0-16-1
M1	Starter (M50 Engine)	Lower LH side of engine, below intake manifold	7100.0-24-2
M1	Starter (S38 Engine)	Lower LH side of engine, below intake manifold	7100.0-03-3
M1	Starter (M30 Engine)	Lower LH side of engine, below intake manifold	7100.0-03-2
M2	Fuel Pump	Below trunk, RH side of spare tire	7100.0-50-2
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	7100.0-20-1
M5	Intensive Wash Pump	RH front of engine compartment, on windshield washer fluid reservoir	Not in US
M7	Headlight/Fog Light Washer Pump	RH front of engine compartment	
M9	Auxiliary Fan Motor	Center front of engine compartment, behind bumper	7100.0-22-1
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	7100.0-50-3
M17	Trunk Lock Motor	In trunk lid, RH side of lid lock assembly	7100.0-51-2
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	7100.0-34-3
M25	Cruise Control Actuator (Tempomat)	LH front of engine compartment, ahead of LH shock tower	7100.0-04-1
M30	Blower Motor	Behind center of fresh air cowl panel	7100.0-21-3
M34	Dash Vent Mixing Flap Motor	Below RH side of dash, on RH side of IHKR 2 plenum	7100.0-36-3
M36	Fresh Air Flap Motor	Below LH side of dash, on LH side of IHKR 2 plenum	7100.0-33-3
M37	Auxiliary Water Pump	LH rear of engine compartment, on engine bulkhead	7100.0-02-1
M40	Footwell Flap Motor	Below LH side of dash, on LH side of IHKR 2 plenum	7100.0-33-3
M50	Driver's Seat Cushion Tilt Motor	Under LH side of driver's seat	7100.0-44-1

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COMPONENT LOCATION CHART

M51	Driver's Seat Movement Motor	Under RH side of driver's seat	7100.0-44-1
M52	Driver's Seat Height Motor	Under front of driver's seat	7100.0-44-1
M53	Driver's Seatback Recliner Motor	Under front of driver's seat	7100.0-44-1
M54	Driver's Seat Headrest Motor	In top RH corner of driver's seatback	7100.0-44-3
M57	Passenger's Seat Headrest Motor	In top RH corner of passenger's seatback	7100.0-44-3
M58	Passenger's Seatback Recliner Motor	Under front of passenger's seat	7100.0-44-1
M59	Passenger's Seat Height Motor	Under front of passenger's seat	7100.0-44-1
M60	Passenger's Seat Movement Motor	Under RH side of passenger's seat	7100.0-44-1
M61	Passenger's Seat Cushion Tilt Motor	Under LH side of passenger's seat	7100.0-44-1
M65	Driver's Thigh Support Motor	Under driver's seat	7100.0-44-1
M66	Passenger's Thigh Support Motor	Under passenger's seat	7100.0-44-1
M6133	Air Pump	Top of engine, below distributor	7100.0-08-2
M6350	EML Actuator	Top of engine, on throttle body	7100.0-11-2
M6506	E-Box Fan	In P93 E-Box, below modules	7100.0-17-1
N4	On-Board Computer	Center of dash, RH side of N9 Radio	7100.0-35-1
N6	Headlight/Front Fog Light Module (SRA)	LH side of engine compartment, in P92 Auxiliary Relay Box	7100.0-04-2
N8	Antenna Amplifier AM/FM	In LH "C" pillar	7100.0-48-3
N12w	Anti-Theft Module	Below LH rear seat	
N13	Infrared Locking Control Unit	Below LH side of rear seat, in P91 Rear Power Distribution Box	NOT IN US
N14	Infrared Receiver	In roof, near rear view mirror	
N17	Crash Control Unit	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
N404	Diversity	In upper LH "C" pillar	
N444	FM Amplifier HLO	In RH "C" pillar	
N900	CD Changer	LH front of trunk	7100.0-49-2
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	7100.0-45-1
P92	Auxiliary Relay Box	LH front of engine compartment, ahead of LH shock tower	7100.0-04-1
P93	E-Box	RH rear of engine, behind RH front shock tower	7100.0-15-1

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COMPONENT LOCATION CHART

R1	Temperature Distribution Potentiometer	Behind center of dash, above N9 Radio	7100.0-35-1
R5	Headrest Potentiometer	In top RH corner of driver's seatback, on M54 Driver's Headrest Motor	7100.0-44-3
R6	Seat Height Potentiometer	Under driver's seat, on M52 Driver's Seat Height Motor	7100.0-43-1
R7	Seatback Potentiometer	Under driver's seat, on M53 Driver's Recliner Motor	7100.0-43-1
R8	Seat Cushion Rear Height Potentiometer	Under driver's seat, on M50 Driver's Seat Cushion Tilt Motor	7100.0-42-3
R9	Seat Cushion Movement Potentiometer	Under driver's seat, on M51 Driver's Seat Movement Motor	7100.0-42-3
R10	Pedal Position Sensor	Below LH side of dash, above accelerator pedal	7100.0-32-2
R11	Blower Resistors	Below LH side of dash, on LH rear of IHKR 2 plenum	7100.0-33-2
R15	Thigh Support Potentiometer	Under driver's seat	
S2	Ignition Switch	Top RH side of steering column	7100.0-31-1
S3	Automatic Transmission Range Switch	Below center console, at base of gear shift lever	7100.0-36-1
S4	Horn Switch	Top of steering column, in steering wheel	
S7	Combination Switch	Inside top of steering column	7100.0-30-3
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	7100.0-41-2
S16	Left Rear Door Jamb Switch	In top rear of LH rear door jamb, in latch assembly	7100.0-41-2
S19	Underhood Light Switch	LH front of engine compartment hood	7100.0-09-2
S21	Engine Hood Switch	LH rear of engine compartment, rear of shock tower	7100.0-01-1
S27	Inertia Switch	Below center of rear seat, RH side of P91 Rear Power Distribution Box	7100.0-46-2
S29	Brake Light Switch	Below LH side of dash, on brake pedal support bracket	7100.0-32-1
S31	Park Brake Switch	Below center console, on rear of park brake lever	7100.0-41-3
S32	Clutch Switch	Behind LH side of dash, on clutch pedal support bracket	7100.0-32-1
S36	Temperature Switch	Top RH side of radiator	7100.0-21-2
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	7100.0-34-3
S43	Driver's Window Limit Switch	Center front of driver's door	7100.0-40-1

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COMPONENT LOCATION CHART

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	7100.0-51-1
S63	Coolant Level Switch (M50 Engine)	Lower LH front of engine compartment, in bottom of coolant reservoir	7100.0-22-3
S63	Coolant Level Switch (S38 Engine)	RH side of engine, on coolant reservoir	7100.0-13-2
S63	Coolant Level Switch (M30 Engine)	Center rear of engine compartment, top of coolant reservoir	7100.0-11-1
S64	Washer Fluid Level Switch	RH side of engine compartment, RH side of windshield washer fluid reservoir	7100.0-20-1
S71	Left Front Crash Sensor	Ahead of LH shock tower	7100.0-04-1
S72	Right Front Crash Sensor	Ahead of RH shock tower	7100.0-13-3
S77	Driver's Makeup Mirror Switch	In driver's visor	
S78	Passenger's Makeup Mirror Switch	In passenger's visor	
S92	Back Up Light Switch	Top RH side of transmission	
S134	Integrated Climate Regulation II Switching Unit	Behind center console	
S135	Integrated Climate Regulation II Control Switch	Behind center console	
S901	Passenger's Visor Switch	LH hinge of passenger's visor	7100.0-34-2
S902	Driver's Visor Switch	RH hinge of driver's visor	7100.0-34-2
S6250	Throttle Switch (M30 Engine)	Top of engine, on throttle body	7100.0-11-3
S6250y	Throttle Potentiometer (M50 Engine)	LH side of engine, on throttle body	7100.0-19-2
S6251	Throttle Switch (M30 Engine)	Top of engine, on throttle body	7100.0-11-3
S6251	Throttle Switch (S38 Engine)	Top front of engine, on throttle body	7100.0-07-3
S8507	Kick-down Switch	Below LH side of dash, underneath accelerator pedal	7100.0-31-3
T6150	Ignition Coil	RH side of engine compartment, at strut tower	7100.0-17-2
T6151	Ignition Coil 1	Top RH side of engine	7100.0-19-3

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COMPONENT LOCATION CHART

T6152	Ignition Coil 2	Top RH side of engine	7100.0-19-3
T6153	Ignition Coil 3	Top RH side of engine	7100.0-19-3
T6154	Ignition Coil 4	Top RH side of engine	7100.0-19-3
T6155	Ignition Coil 5	Top RH side of engine	7100.0-19-3
T6156	Ignition Coil 6	Top RH side of engine	7100.0-19-3
U3	Telephone Transceiver	RH front of trunk	7100.0-50-1
V4y	Daytime Running Lights Coding Diodes Canada	Below LH side of dash, near K25 and K26	
V5	IR/DWA LED	Middle of center console	
V6	Uncoupling Diode	RH side of dash, behind glove box	
V9501	Uncoupling Diode (KL61)	LH side of engine compartment, below male side of X20	
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 (M50/S38 Engines)	LH side of engine compartment, near shock tower	7100.0-02-2
Y2	Compressor Clutch	Lower RH front of engine	7100.0-25-1
Y4	Water Valve Assembly	LH rear of engine compartment, on engine bulkhead	7100.0-02-1
Y6101	Injection Valve 1 (M50 Engine)	Top of engine, on intake manifold	7100.0-14-1
Y6101	Injection Valve 1 (S38 Engine)	Top of engine, on intake manifold	7100.0-14-2
Y6101	Injection Valve 1 (M30 Engine)	Top of engine, on intake manifold	7100.0-14-3
Y6102	Injection Valve 2 (M50 Engine)	Top of engine, on intake manifold	7100.0-14-1
Y6102	Injection Valve 2 (M30 Engine)	Top of engine, on intake manifold	7100.0-14-3
Y6102	Injection Valve 2 (S38 Engine)	Top of engine, on intake manifold	7100.0-14-2
Y6103	Injection Valve 3 (S38 Engine)	Top of engine, on intake manifold	7100.0-14-2
Y6103	Injection Valve 3 (M30 Engine)	Top of engine, on intake manifold	7100.0-14-3
Y6103	Injection Valve 3 (M50 Engine)	Top of engine, on intake manifold	7100.0-14-1
Y6104	Injection Valve 4 (M30 Engine)	Top of engine, on intake manifold	7100.0-14-3
Y6104	Injection Valve 4 (S38 Engine)	Top of engine, on intake manifold	7100.0-14-2
Y6104	Injection Valve 4 (M50 Engine)	Top of engine, on intake manifold	7100.0-14-1
Y6105	Injection Valve 5 (M30 Engine)	Top of engine, on intake manifold	7100.0-14-3
Y6105	Injection Valve 5 (M50 Engine)	Top of engine, on intake manifold	7100.0-14-1
Y6105	Injection Valve 5 (S38 Engine)	Top of engine, on intake manifold	7100.0-14-2

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COMPONENT LOCATION CHART

Y6106	Injection Valve 6 (S38 Engine)	Top of engine, on intake manifold	7100.0-14-2
Y6106	Injection Valve 6 (M30 Engine)	Top of engine, on intake manifold	7100.0-14-3
Y6106	Injection Valve 6 (M50 Engine)	Top of engine, on intake manifold	7100.0-14-1
Y6120	Evaporative Purge Valve (M50 Engine)	LH side of engine compartment	7100.0-06-1
Y6120	Evaporative Purge Valve (S38 Engine)	LH side of engine, near oil level stick	7100.0-07-1
Y6120	Evaporative Purge Valve (M30 Engine)	LH side of engine, RH side of oil filter	7100.0-05-1
Y6130	Idle Speed Actuator (S38 Engine)	Top of engine	7100.0-07-3
Y6130	Idle Speed Actuator (M50 Engine)	LH side of engine, below intake manifold	7100.0-19-1
Y6130	Idle Speed Actuator (M30 Engine)	Top of engine, center rear of throttle body	7100.0-11-3
Y6131	Changeover Valve I	LH side of engine, near oil level stick	7100.0-07-1
Y6132	Changeover Valve II	Lower LH side of engine compartment	
Y8505	Transmission Gear-Shift Unit	Below center of car, near transmission	7100.0-25-2
Y8516	EGS RPM Sensor	Below center of vehicle, on rear of transmission	
X1	B+ Junction Point for Front Power Distribution Box	Below LH side of dash, under carpet, near kick panel	7100.0-28-3
X2	B+ Junction Point for Front Power Distribution Box	LH rear of engine compartment, in P90 Front Power Distribuiton Box	7100.0-01-2
X3	B+ Junction Point for Front Power Distribution Box	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-2
X5	Ground	Below RH side of rear seat	7100.0-47-3
X13	Connector (21 pins)	Below LH side of dash, below driver's footrest (White)	7100.0-28-2
X14	Connector (30 pins)	Below LH side of dash, below driver's footrest (Yellow)	7100.0-28-2
X15	Connector (30 pins)	Below LH side of dash, near kick panel (White)	7100.0-29-3
X16	Connector (26 pins)	Behind LH side of dash, on A2 Instrument Cluster (Yellow)	7100.0-32-3
X17	Connector (12 pins)	Behind LH side of dash, on A2 Instrument Cluster (Brown)	7100.0-32-3
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 (25 pins)	LH rear of engine compartment, near shock tower (Black)	7100.0-01-3

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COMPONENT LOCATION CHART

X31	Connector (12 pins)	LH side of engine compartment, on Y1 ABS Hydraulic Unit, under plastic cover (Black)	7100.0-04-3
X32	Connector (12 pins)	Below LH side of dash, LH side of steering column, to S2 Combination Switch and S4 Horn Switch (White)	7100.0-29-3
X33	Connector (12 pins)	Below LH side of dash, near kick panel, to S2 Ignition Switch (Black)	7100.0-29-3
X34	Connector (12 pins)	Below LH side of dash, near kick panel (White)	7100.0-29-2
X35	Connector (21 pins)	Below LH side of dash, near kick panel (Black)	7100.0-29-2
X61	Connector (9 pins)	LH side of engine compartment (Black)	7100.0-04-2
X69	Connector (25 pins)	LH rear of engine compartment, near shock tower (Black)	7100.0-03-1
X72	Connector (8 pins)	Below LH side of dash, LH side of steering column, to S28 Cruise Control Switch (White)	7100.0-29-2
X73	Connector (8 pins)	Below LH side of dash, above accelerator pedal (Black)	7100.0-32-2
X74	Connector (8 pins)	Below LH side of dash, above footrest, to A12 Diagnostic Module (SRS) (Orange)	7100.0-29-1
X81	Connector (3 pins)	Ahead of LH shock tower, to S71 Left Front Crash Sensor (Orange)	7100.0-04-1
X83	Connector (3 pins)	Inside LH kick panel, on A17 Servotronic Control Unit (Yellow)	7100.0-27-3
X84	Connector (3 pins)	Inside LH kick panel, on A17 Servotronic Control Unit (Yellow)	7100.0-27-3
X86	Connector (3 pins)	Ahead of RH shock tower, to S72 Right Front Crash Sensor (Orange)	7100.0-13-3
X105	Connector (2 pins)	LH rear of engine compartment hood, under cover, to E51 Left Washer Jet Heater (Gray)	7100.0-09-3
X106	Connector (2 pins)	LH rear of engine compartment hood, under cover, to E52 Right Washer Jet Heater (Gray)	7100.0-09-3
X110	Connector (2 pins) (S38 Engine)	RH side of engine compartment, to M5 Intensive Wash Pump (Gray)	7100.0-13-2

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COMPONENT LOCATION CHART

X110	Connector (2 pins) (M30/M50 Engines)	RH front corner of engine compartment, to M5 Intensive Wash Pump (Gray)	7100.0-21-1
X113	Connector (2 pins)	RH side of engine compartment, near base of shock tower, to B1 Right Front Speed Sensor (White)	7100.0-13-1
X114	Connector (2 pins)	LH rear of engine compartment, bottom of shock tower, to B2 Left Front Brake Sensor (White)	7100.0-04-3
X118	Connector (2 pins)	Behind LH front wheel, above brake caliper, to B16 Left Front Brake Pad Sensor (Black)	7100.0-23-1
X120	Connector (2 pins)	LH side of engine compartment, to B15 Electrohydraulic Converter (Servotronic) (Black)	7100.0-04-3
X121	Connector (2 pins)	Below LH side of dash, near steering column (White)	
X122	Connector (2 pins)	LH rear of engine compartment, to M37 Auxiliary Water Pump (Black)	7100.0-01-3
X123	Connector (2 pins)	RH front corner of engine compartment, to M7 Headlight/ Fog Light Washer Pump (Gray)	7100.0-21-1
X126	Connector (2 pins)	RH front corner of engine compartment, to B9y Pressure Switch (White)	7100.0-20-3
X127	Connector (2 pins)	RH front corner of engine compartment, to B8y Pressure Switch (Black)	7100.0-20-3
X163	Connector (3 pins)	RH front of engine compartment, to Y2 Compressor Clutch (Black)	7100.0-12-2
X165	Ground	Below LH side of dash, LH side of steering column	7100.0-30-1
X166	Ground	RH front of engine compartment, ahead of wheel well	7100.0-20-3
X167	Ground	LH front of engine compartment, on fender wall ahead of wheel well	7100.0-09-1
X168	Connector (1 pin)	Underside of steering column (Black)	7100.0-31-1
X170	Terminal Post	LH side of engine compartment, on Y1 ABS Hydraulic Unit	7100.0-04-3
X175	Ground	LH front of engine compartment, on fender wall ahead of wheel well	7100.0-09-1
X179	Ground	RH front of engine compartment, ahead of wheel well	7100.0-20-3

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COMPONENT LOCATION CHART

X251	Connector (30 pins)	Below LH side of dash, LH side of steering column (Black)	7100.0-29-3
X253	Connector (26 pins)	Below LH side of rear seat, on A1 General Module (Green)	7100.0-45-3
X254	Connector (26 pins)	Below LH side of rear seat, on A1 General Module (White)	7100.0-45-3
X255	Connector (26 pins)	Below LH side of rear seat, on A1 General Module (Yellow)	7100.0-45-3
X256	Connector (26 pins)	Inside front of RH front door jamb, in wire grommet housing (Black)	7100.0-39-1
X257	Connector (26 pins)	Inside front of LH front door jamb, in wire grommet housing (Black)	7100.0-39-1
X258	Connector (20 pins)	Below LH side of rear seat, on A5 Relay Module (White)	7100.0-45-3
X259	Connector (20 pins)	Below LH side of rear seat, on A5 Relay Module (Black)	7100.0-45-3
X260	Connector (21 pins)	Below RH side of rear seat (Black)	7100.0-47-3
X262	Connector (26 pins)	Below LH side of rear seat, on P91 Rear Power Distribution Box (Blue)	7100.0-45-2
X269	Connector (6 pins)	Below LH side of rear seat (Black)	7100.0-46-2
X271	Connector (12 pins)	Behind LH side of dash, on A2 Instrument Cluster (Gray)	7100.0-32-3
X272	Connector (12 pins)	Below LH side of rear seat, on P91 Rear Power Distribution Box (Black)	7100.0-45-1
X273	Connector (12 pins)	Inside front of LH rear door jamb, in wire grommet housing (Black)	7100.0-39-2
X274	Connector (12 pins)	Inside front of RH rear door jamb, in wire grommet housing (Black)	7100.0-39-2
X275	Connector (12 pins) (With Memory Seats)	Below driver's seat, under carpet (White)	7100.0-42-1
X275	Connector (12 pins) (Without Memory Seats)	Under driver's seat (White)	7100.0-44-2
X277	Connector (10 pins)	Inside front of LH rear door jamb, in wire grommet housing (Black)	7100.0-39-2
X278	Connector (10 pins)	Inside front of RH rear door jamb, in wire grommet housing (Black)	7100.0-39-2
X279	Connector (12 pins)	Under passenger's seat (White)	7100.0-44-2
X295	Connector (8 pins)	Below LH side of dash, LH side of steering column, to S5 Wiper/Washer Switch (Black)	7100.0-29-2

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COMPONENT LOCATION CHART

X316	Connector (6 pins)	In center console, on S40 Front Console Window Switch Assembly (White)	
X317	Connector (6 pins)	In center console, on S40 Front Console Window Switch Assembly (Black)	
X322	Connector (8 pins)	Below LH side of rear seat, on P91 Rear Power Distribution Box (Black)	7100.0-45-1
X332	Connector (5 pins)	Below LH side of rear seat, on A1 General Module (White)	7100.0-45-3
X333	Connector (4 pins)	Behind LH side of fresh air cowl panel, to M3 Wiper Motor (Black)	7100.0-00-1
X336	Connector (4 pins)	In center of windshield header (White)	7100.0-34-3
X337	Connector (4 pins)	Below LH side of rear seat (White)	7100.0-46-2
X342	Connector (4 pins)	Below RH side of glove box (White)	7100.0-38-1
X354	Connector (1 pin)	In RH "C" pillar (White)	7100.0-48-2
X355	Connector (3 pins)	In RH "C" pillar (White)	7100.0-48-2
X356	Connector (3 pins)	In LH "C" pillar (White)	7100.0-48-3
X357	Connector (1 pin)	In LH "C" pillar (White)	7100.0-48-3
X376	Connector (2 pins)	Below LH side of rear seat, behind P91 Rear Power Distribution Box, to B4 Left Rear Brake Sensor (White)	7100.0-45-1
X377	Connector (2 pins)	Below RH side of rear seat, behind battery, to B3 Right Rear Brake Sensor (White)	7100.0-47-3
X381	Connector (2 pins)	LH side of windshield header, above LH visor (Black)	7100.0-34-1
X382	Connector (2 pins)	RH side of windshield header, above RH visor (Black)	7100.0-34-1
X383	Connector (2 pins)	Below rear of car, near rear differential, to B10 Vehicle Speed Sensor (Yellow)	7100.0-26-3
X400	Connector (8 pins)	In RH front of trunk (Black)	7100.0-49-3
X490	Ground	Below LH side of dash, LH side of steering column	7100.0-30-1
X491	Ground	Below LH side of dash, LH side of steering column	7100.0-30-1
X492	Ground	Below center of rear seat	7100.0-46-2
X493	Ground	Below center of rear seat	7100.0-46-2
X495	Ground	Below RH side of rear seat	7100.0-47-3

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COMPONENT LOCATION CHART

X496	Ground	Below RH side of rear seat	7100.0-47-3
X497	Ground (Battery) (M30/S38 Engines)	Ahead of RH side of rear seat, behind access panel	7100.0-47-1
X497	Ground (Battery) (M50 Engine)	Lower RH front of engine compartment	7100.0-25-1
X502	Connector (26 pins)	Behind LH side of dash, on A2 Instrument Cluster (White)	7100.0-32-3
X506	Connector (12 pins)	Below center console, front of gear shift lever (Black)	7100.0-36-1
X512	Connector (8 pins)	Below RH side of dash, taped to harness (Black)	7100.0-36-3
X518	Connector (4 pins)	Below LH side of dash, on H10 Chime Module (Black)	7100.0-28-1
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, near kick panel (Black)	7100.0-29-3
X546	Connector (2 pins)	Below center console, LH side of manual gear selector (White)	7100.0-35-3
X547	Telephone Connector (2 pins)	Behind center of dash, right of steering column (Black)	7100.0-33-1
X601	Connector (26 pins)	Under driver's seat, on A21 Memory Seat/Mirrors Control Unit (Yellow)	7100.0-42-3
X602	Connector (26 pins)	Under driver's seat, on A21 Memory Seat/Mirrors Control Unit (White)	7100.0-42-2
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)	
X619	Connector	Below RH rear seat	
X621	Connector (10 pins)	In front of passenger's door jamb, inside grommet (Black)	7100.0-39-1
X622	Connector (10 pins)	In front of driver's door jamb, inside grommet (Black)	7100.0-39-1
X623	Connector (10 pins) (With Memory Mirrors)	In top front of driver's door, to Y9 Driver's Side Memory Mirror	7100.0-39-3
X623	Connector (10 pins) (Without Memory Mirrors)	In top front of driver's door, to Y5 Driver's Side Mirror (White)	7100.0-39-3
X624	Connector (10 pins) (With Memory Mirrors)	In top front of passenger's door, to Y10 Passenger's Side Memory Mirror	7100.0-39-3
X624	Connector (10 pins) (Without Memory Mirrors)	In top front of passenger's door, to Y6 Passenger's Side Mirror (White)	7100.0-39-3
X626	Connector (8 pins)	Under driver's seat (Black)	7100.0-42-3

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COMPONENT LOCATION CHART

X627	Connector (8 pins)	In center of windshield header, to S39 Sunroof Position Switch and M24 Sunroof Motor (Black)	7100.0-34-3
X648	Connector (6 pins)	Under driver's seat, on A21 Memory Seat/Mirrors Control Unit (Black)	7100.0-42-3
X649	Connector (6 pins)	Under driver's seat, on A21 Memory Seat/Mirrors Control Unit (White)	7100.0-42-3
X653	Connector (6 pins)	Under driver's seat, on A21 Memory Seat/Mirrors Control Unit (Black)	7100.0-42-2
X654	Connector (6 pins)	Under driver's seat, on A21 Memory Seat/Mirrors Control Unit (White)	7100.0-42-2
X655	Connector (6 pins)	Under driver's seat, on A21 Memory Seat/Mirrors Control Unit (Blue)	7100.0-42-2
X656	Connector (6 pins)	Under driver's seat, on A21 Memory Seat/Mirrors Control Unit (Green)	7100.0-42-2
X657	Connector (6 pins)	Under driver's seat, on A21 Memory Seat/Mirrors Control Unit (Brown)	7100.0-42-2
X673	Connector	Below LH rear seat	
X674	Connector	Below RH rear seat	
X680	Connector (3 pins)	Under front of driver's seat (Black)	7100.0-43-1
X684	Connector (3 pins)	In passenger's door, near door handle, to S49 Passenger's Door Lock Switch (Black)	7100.0-40-2
X685	Connector (3 pins)	In driver's door, near door handle, to S47 Driver's Door Lock Switch (Black)	7100.0-40-2
X692	Connector (3 pins)	Behind center of dash, right of steering column (Black)	7100.0-33-1
X705	Connector (2 pins)	Below rear of car, near RH rear suspension frame attachment point (Black)	7100.0-27-1
X713	Connector (2 pins)	Behind RH rear wheel, above brake caliper, to B17 Right Rear Brake Pad Sensor (Black)	7100.0-24-1
X714	Connector (2 pins)	In lower rear of LH rear door, to M20 Left Rear Window Motor (Gray)	7100.0-41-1

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COMPONENT LOCATION CHART

X715	Connector (2 pins)	In center rear of LH rear door (Black)	7100.0-41-1
X720	Connector (2 pins)	In lower rear of RH rear door, to M22 Right Rear Window Motor (Gray)	7100.0-41-1
X721	Connector (2 pins)	In center rear of RH rear door (Black)	7100.0-41-1
X726	Connector (2 pins)	Under RH side of driver's seat, to M51 Driver's Seat Movement Motor (White)	7100.0-44-2
X727	Connector (2 pins)	Under LH side of driver's seat, to M50 Driver's Seat Cushion Tilt Motor (Black)	7100.0-43-2
X728	Connector (2 pins)	Under front of driver's seat, to M52 Driver's Seat Height Motor (White)	7100.0-44-2
X729	Connector (2 pins)	Under front of driver's seat, to M53 Driver's Seatback Recliner Motor (Black)	7100.0-44-2
X731	Connector (2 pins)	Inside RH side of driver's seatback, to M54 Driver's Seat Headrest Motor (White)	7100.0-44-3
X732	Connector (2 pins)	Inside RH side of driver's seatback, to E66 Driver's Seatback Heater (White)	7100.0-44-3
X733	Connector (2 pins)	Under driver's seat, to E57 Driver's Seat Heater (White)	7100.0-43-3
X734	Connector (2 pins)	Under RH side of passenger's seat, to M60 Passenger's Seat Movement Motor (White)	7100.0-44-2
X735	Connector (2 pins)	Under LH side of passenger's seat, to M61 Passenger's Seat Cushion Tilt Motor (Black)	7100.0-43-2
X736	Connector (2 pins)	Under front of passenger's seat, to M58 Passenger's Seatback Recliner Motor (Black)	7100.0-44-2
X737	Connector (2 pins)	Under front of passenger's seat, to M59 Passenger's Seat Height Motor (White)	7100.0-44-2
X738	Connector (2 pins)	Inside RH side of passenger's seatback, to M57 Passenger's Seat Headrest Motor (White)	7100.0-44-3
X740	Connector (2 pins)	Under passenger's seat, to E58 Passenger's Seat Heater (White)	7100.0-43-3

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X741	Connector (2 pins)	Inside RH side of passenger's seatback, to E59 Passenger's Seatback Heater (White)	7100.0-44-3
X742	Connector (2 pins)	In passenger's door, near door handle, to S49 Passenger's Door Lock Switch (Yellow)	7100.0-40-2
X743	Connector (2 pins)	In center front of passenger's door, to S44 Passenger's Window Limit Switch (Black)	7100.0-40-1
X744	Connector (2 pins)	In lower front of passenger's door, to M23 Passenger's Window Motor (Gray)	7100.0-40-1
X747	Connector (2 pins)	In driver's door, near door handle, to S47 Driver's Door Lock Switch (Yellow)	7100.0-40-2
X749	Connector (2 pins)	In lower front of driver's door, to M21 Driver's Window Motor (Gray)	7100.0-40-1
X750	Connector (2 pins)	In center front of driver's door, to S43 Driver's Window Limit Switch (Black)	7100.0-40-1
X751	Connector (2 pins)	In driver's door, near door handle, to E48 Door Lock Heater (Gray)	7100.0-40-2
X752	Connector (2 pins)	In driver's door, near door handle (White)	7100.0-40-2
X770	Connector	Behind center of fresh air cowl	
X771	Connector (2 pins)	Below LH side of dash, on lower LH side of IHKR 2 plenum (Black)	7100.0-33-2
X778	Connector (2 pins)	Under LH side of driver's seat, to S58 Driver's Seat Belt Switch (Black)	7100.0-43-2
X783	Connector (2 pins)	Underside of steering column, to C100 Contact Ring (Orange)	7100.0-31-1
X784	Connector (2 pins)	Below LH side of dash, at kick panel, to A12 Diagnostic Module (SRS) (Orange)	7100.0-29-2
X800	Connector (2 pins)	Inside LH kick panel (White)	7100.0-27-3
X814	Ground	Below RH rear seat	
X816	Connector (1 pin)	Behind center of fresh air cowl, to M30 Blower Motor	
X817	Connector (1 pin)	Behind center of fresh air cowl, to M30 Blower Motor	

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COMPONENT LOCATION CHART

X818	Ground	Below LH side of dash, LH side of steering column	7100.0-30-1
X882	Connector (2 pins)	In RH front corner of drivers seat, to M65 Driver's Thigh Support Motor (White)	7100.0-44-2
X883	Connector (2 pins)	In RH front corner of passengers seat, to M66 Passenger's Thigh Support Motor (White)	7100.0-44-2
X885	Connector	Under driver's seat	
X910	B+ Junction Point	LH rear of engine compartment	7100.0-01-3
X955	Ground (Battery)	Lower RH front of engine compartment	7100.0-25-1
X960	B+ Junction Point	Below LH side of dash, near accelerator pedal	7100.0-31-2
X963	B+ Junction Point	Below RH side of rear seat, inside cover	7100.0-46-3
X1098	Connector	Below LH side of dash	
X1160	Ground	Below LH side of dash, LH side of steering column	7100.0-30-1
X1197	Connector (8 pins)	Behind RH front shock tower, in P93 E-Box (White)	7100.0-15-2
X1439	Connector (2 pins)	Below center console, near gear shift lever (Black)	7100.0-35-3
X3212	Connector (3 pins)	Behind LH side of dash (Black)	7100.0-29-3
X5000	Connector (4 pins)	Behind RH front shock tower, on A6006 Air-Intake Control Unit (Black)	
X6002	Diagnostic Connector D100 (25 pins)	LH rear of engine compartment, RH side of shock tower (Black)	7100.0-01-3
X6003	Connector (8 pins) (M50 Engine)	Behind RH front shock tower, in P93 E-Box (Black)	7100.0-15-3
X6003	Connector (8 pins) (M30 Engine)	Behind RH front shock tower, in P93 E-Box (Black)	7100.0-15-2
X6006	Connector (5 pins)	Behind RH front shock tower, on A6006 Air-Intake Control Unit (Green)	
X6053	Connector (12 pins)	Behind RH side of glove box (Black)	7100.0-38-1
X6130	Connector (3 pins)	Top of engine (Black)	7100.0-07-3
X6133	Connector (2 pins)	Front of engine, near distributor (Black)	7100.0-08-2
X6200	Connector (4 pins) (S38 Engine)	Lower LH side of engine, to B6200 Heated Oxygen Sensor (Black)	7100.0-07-2
X6200	Connector (4 pins) (M50 Engine)	Lower LH side of engine, to B6200 Heated Oxygen Sensor (Black)	7100.0-24-2

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COMPONENT LOCATION CHART

X6200	Connector (4 pins) (M30 Engine)	Lower LH rear side of engine, to B6200 Heated Oxygen Sensor (Black)	7100.0-05-1
X6201	Connector (3 pins) (S38 Engine)	Front of engine, near distributor, to B6201 Cylinder Identification (Gray)	7100.0-08-2
X6201	Connector (3 pins) (M30 Engine)	Top front of engine, to B6201 Cylinder Identification (Black)	7100.0-10-2
X6202	Connector (3 pins) (M50 Engine)	LH side of engine, to B6202 Engine Speed/Reference Point Sensor (Black)	7100.0-18-3
X6202	Connector (3 pins) (M30 Engine)	Top front of engine, to B6202 Engine Speed/Reference Point Sensor (Black)	7100.0-10-2
X6202	Connector (3 Pins) (S38 Engine)	Front of engine, near distributor, to B6202 Engine Speed/ Reference Point Sensor (Black)	7100.0-08-2
X6204	Connector (3 pins)	LH side of engine, to B6204 Camshaft Sensor (Black)	7100.0-18-3
X6230	Connector (3 pins) (M50 Engine)	Lower LH side of engine, to B6230 Oil Level (Black)	
X6230	Connector (3 pins) (S38 Engine)	Lower LH side of engine, to B6230 Oil Level (Black)	7100.0-05-3
X6230	Connector (3 pins) (M30 Engine)	Lower LH front of engine, to Oil Level (Black)	7100.0-05-2
X6263	Connector (1 pin)	Behind RH front shock tower, in P93 E-Box (Black)	7100.0-16-1
X6400	B+ Junction Point	Behind RH front shock tower, in P93 E-Box	7100.0-16-2
X6450	Ground	RH rear of engine compartment, near shock tower	7100.0-17-2
X6451	Ground	RH rear of engine compartment, near shock tower	7100.0-17-2
X6454	Ground	RH rear of engine compartment, near shock tower	7100.0-17-2
X6456	Ground	Front center of engine	7100.0-18-2
X6506	Connector (4 pins) (S38 Engine)	Behind RH front shock tower, in P93 E-Box (Black)	7100.0-16-1
X6506	Connector (4 pins) (M30 Engine)	Behind RH front shock tower, in P93 E-Box (Black)	7100.0-15-2
X6508	Connector (3 pins) (S38 Engine)	Lower LH side of engine (Black)	7100.0-07-2
X6508	Connector (3 pins) (M30 Engine)	Lower LH rear side of engine (Black)	7100.0-05-1
X8074	Connector (14 pins)	LH front of trunk, on N900 CD Changer (Black)	7100.0-49-2
X8075	Connector (10 pins)	Behind center of dash, on N9 Radio (Black)	7100.0-35-2
X8508	Ground	Below RH side of rear seat, RH side of battery	7100.0-47-2
X10082	Connector (5 pins)	Inside LH kick panel, on A552 A/C Compressor Control Unit (Green)	7100.0-27-2

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X10083	Connector (4 pins)	Inside LH kick panel, on A552 A/C Compressor Control Unit (Black)	7100.0-27-2
X18069	Connector (6 pins)	Below LH side of dash, above footrest, to A12 Diagnostic Module (SRS) (Orange)	7100.0-29-1
X18126	Connector (16 pins)	Behind center of dash, on N9 Radio (Black)	7100.0-35-2
X18149	Connector (1 pin)	Behind RH side of glove box (White)	7100.0-37-3
X18150	Connector (1 pin)	Behind RH side of glove box (White)	7100.0-37-3
X18153	Connector (3 pins)	Below RH side of dash, on RH side of IHKR 2 plenum	7100.0-36-3
X18155	Connector (26 pins)	Below center of dash, on A87 Integrated Climate Regulation II Control Unit (White)	7100.0-37-2
X18156	Connector (26 pins)	Below center of dash, on A87 Integrated Climate Regulation II Control Unit (Blue)	7100.0-37-2
X18157	Connector (26 pins)	Below center of dash, on A87 Integrated Climate Regulation II Control Unit (Black)	7100.0-37-2
X18181	Connector	Under driver's seat, on A21 Memory Seat/Mirrors Control Unit	
X18208	Connector (4 pins)	Below RH side of dash, on RH side of IHKR 2 plenum (Black)	7100.0-36-3
X18209	Connector (4 pins)	Below RH side of dash, on RH side of IHKR 2 plenum (Black)	7100.0-36-3
X18729	Connector (3 pins)	LH front of trunk, to N900 CD Changer (White)	7100.0-49-2

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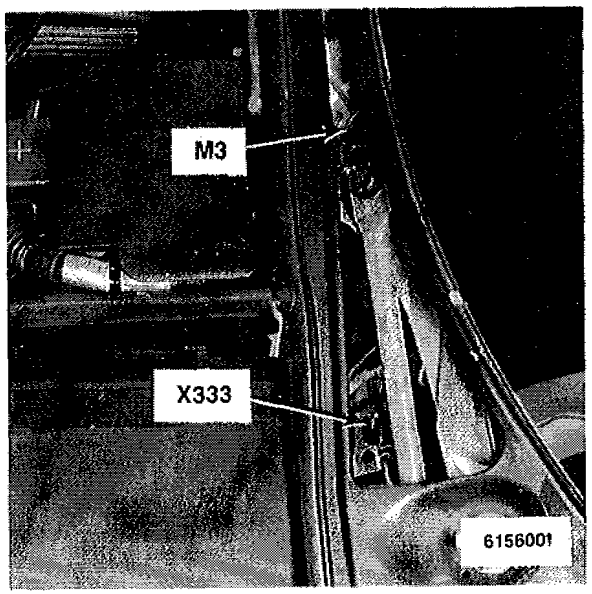


Figure 1- Behind LH Fresh Air Cowl

M3 Wiper Motor
X333 Connector (4 pins) SW

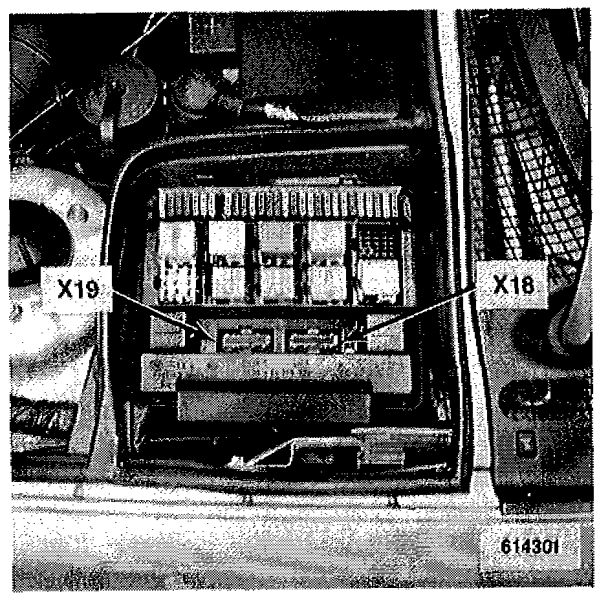


Figure 2- LH Rear Corner Of Engine Compartment

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

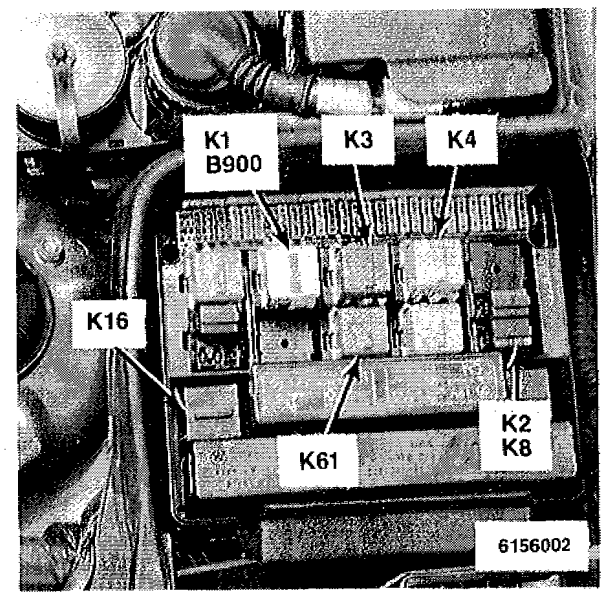


Figure 3- LH Rear Corner Of Engine Compartment

B900 Jumper Plug
K1 Starter Relay
K2 Horn Relay
K3 Unloader Relay, Terminal R
K4 Blower Relay
K8 Auxiliary Water Pump Relay
K16 Hazard Flasher Relay
K61 Unloader Relay, Terminal 61

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COMPONENT LOCATION VIEWS

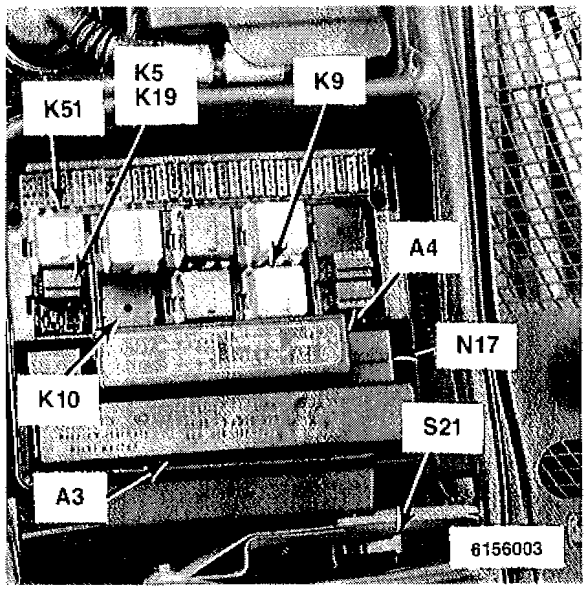


Figure 1- LH Rear Corner Of Engine Compartment

A3 Lamp Control Module
A4 Check Control Module
K5 Washer Pump Relay
K9 Unloader Relay, Terminal 15
K10 ABS Relay (Location)
K19 Compressor Control Relay
K51 Jumper Plug For Horn/ Telephone
N17 Crash Control Unit
S21 Engine Hood Switch

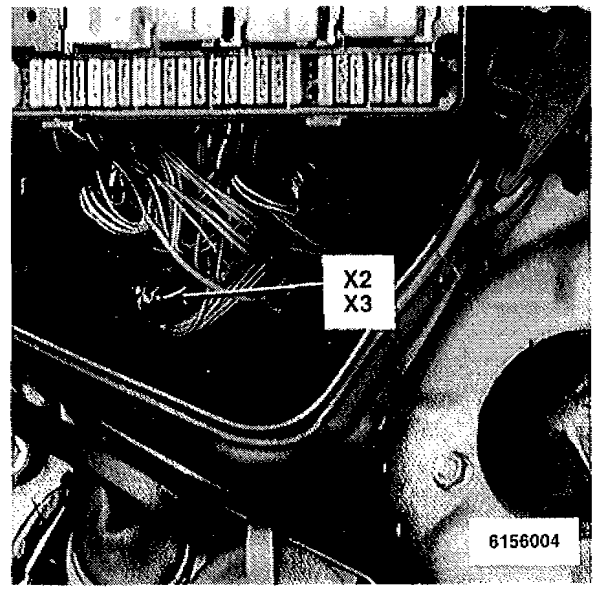


Figure 2- LH Rear Corner Of Engine Compartment

X2 B+ Junction Point For Front Power Distribution Box
X3 B+ Junction Point For Front Power Distribution Box

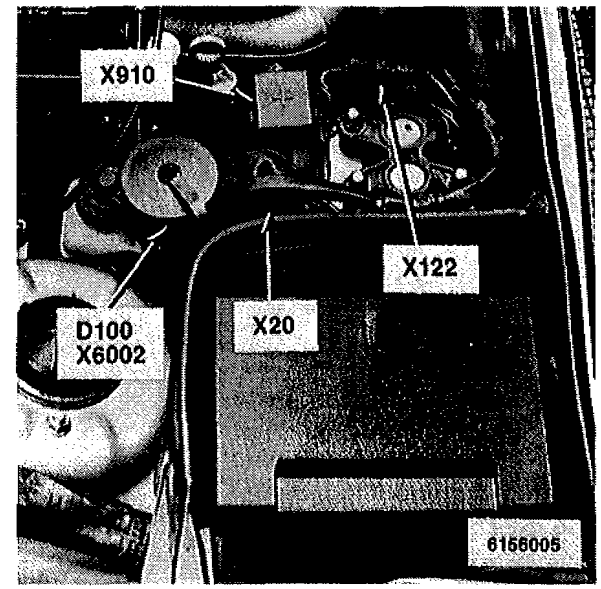


Figure 3- LH Rear Of Engine Compartment (S38 Engine Shown; M30 And M50 Engines Similar)

D100 Diagnostic Connector
X20 Connector (25 pins) SW
X122 Connector (2 pins) SW
X910 B+ Junction Post
X6002 Diagnostic Connector (25 pins) SW

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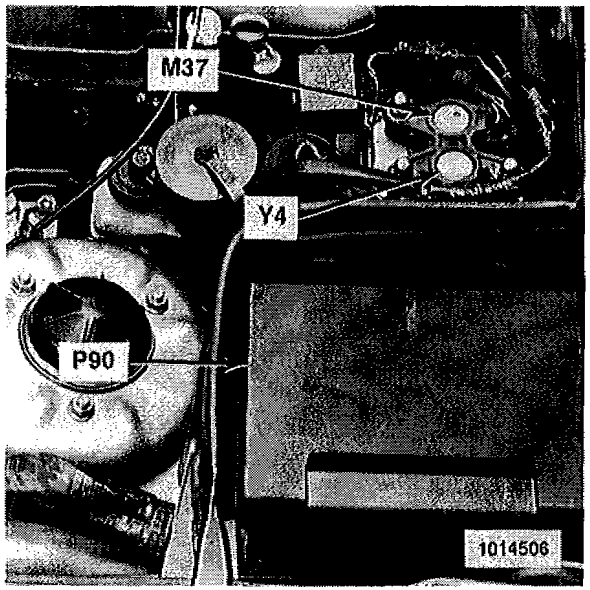


Figure 1- LH Rear Of Engine Compartment (S38 Engine Shown; M30 And M50 Engines Similar)

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

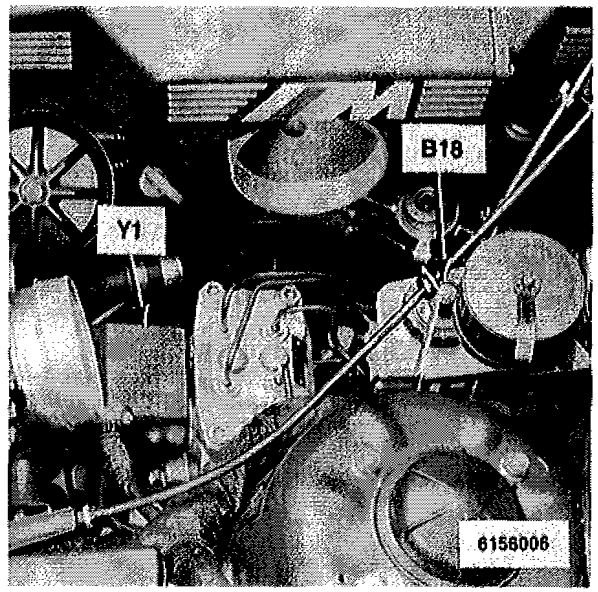


Figure 2- LH Side Of Engine Compartment (S38 Engine Shown; M50 Engine Similar)

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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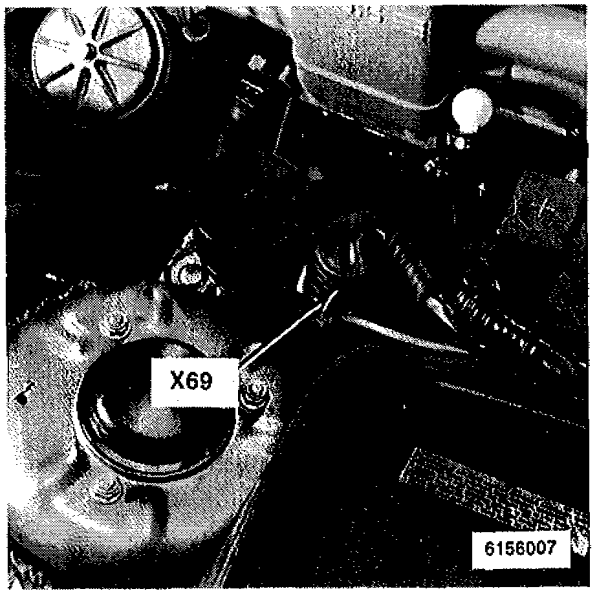


Figure 1- LH Rear Of Engine Compartment (M30 Engine)

X69 Connector (25 pins) SW

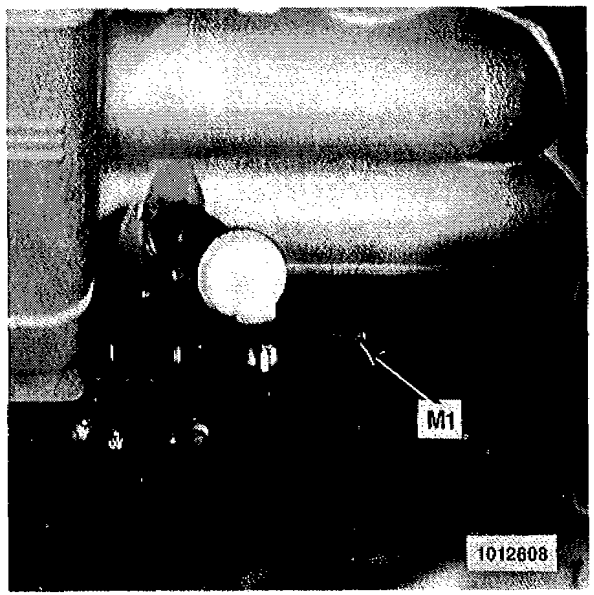


Figure 2- LH Rear Of Engine (M30 Engine)

M1 Starter

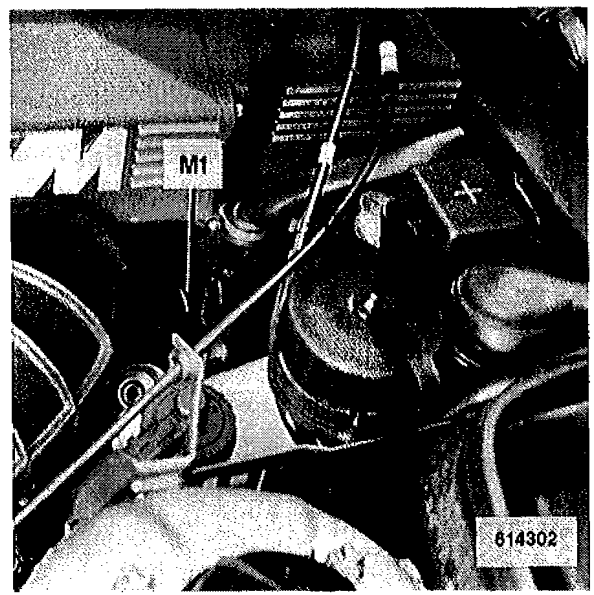


Figure 3- LH Rear Of Engine (S38 Engine)

M1 Starter

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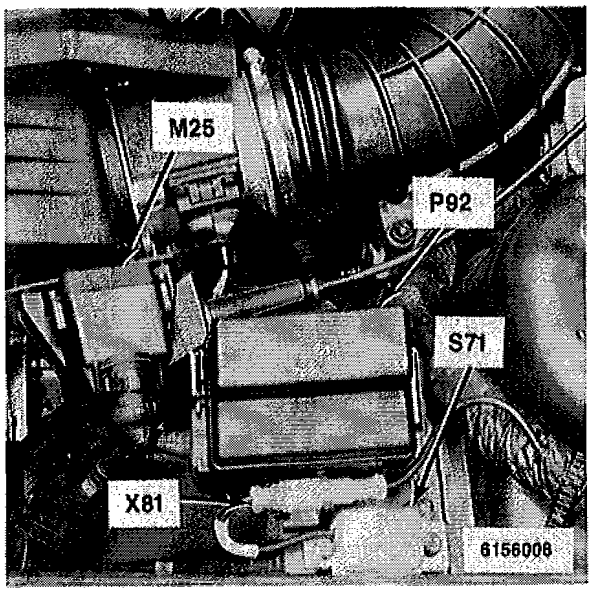


Figure 1- LH Side Of Engine Compartment (S38 Engine Shown; M30 and M50 Engines Similar)

M25 Cruise Control Actuator (Tempomat)
P92 Auxiliary Relay Box
S71 Left Front Crash Sensor
X81 Connector (3 pins) OR

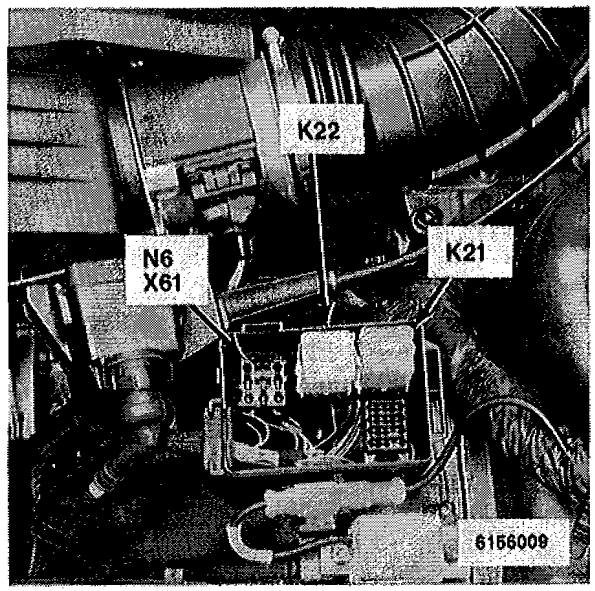


Figure 2- LH Side Of Engine Compartment (S38 Engine Shown; M30 And M50 Engines Similar)

K21 Normal Speed Relay
K22 High Speed Relay
X61 Connector (9 pins) SW
N6 Headlight/Front Fog Light Module (SRA) (Location)

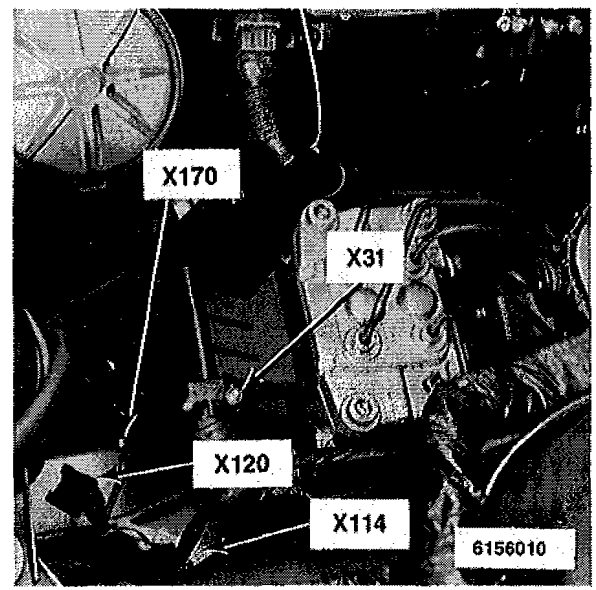


Figure 3- LH Side Of Engine Compartment (M30 Engine Shown; M50 And S38 Engines Similar)

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

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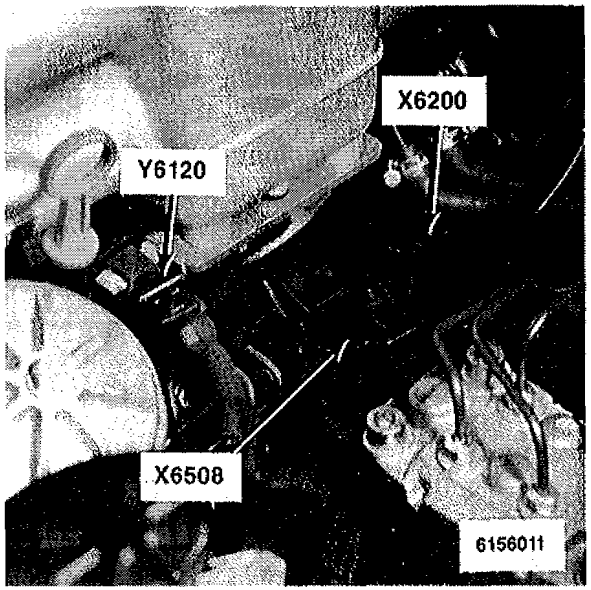


Figure 1- Lower LH Side Of Engine (M30 Engine)

Y6120 Evaporative Purge Valve
X6200 Connector (4 pins) SW
X6508 Connector (3 pins) SW

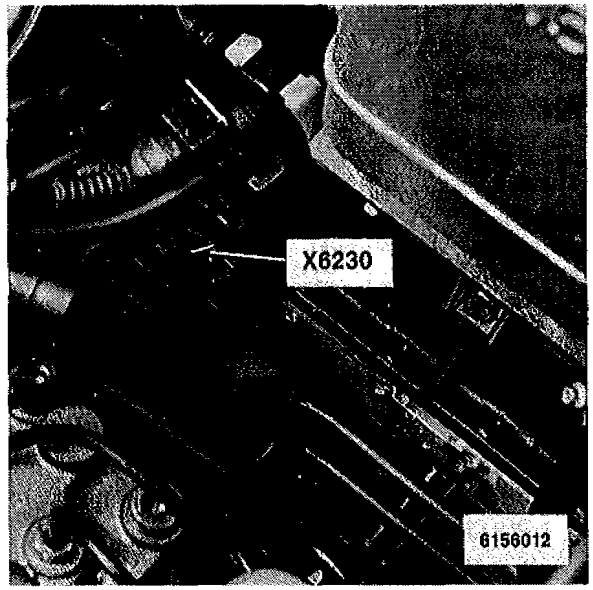


Figure 2- Lower LH Side Of Engine (M30 Engine)

X6230 Connector (3 pins) SW

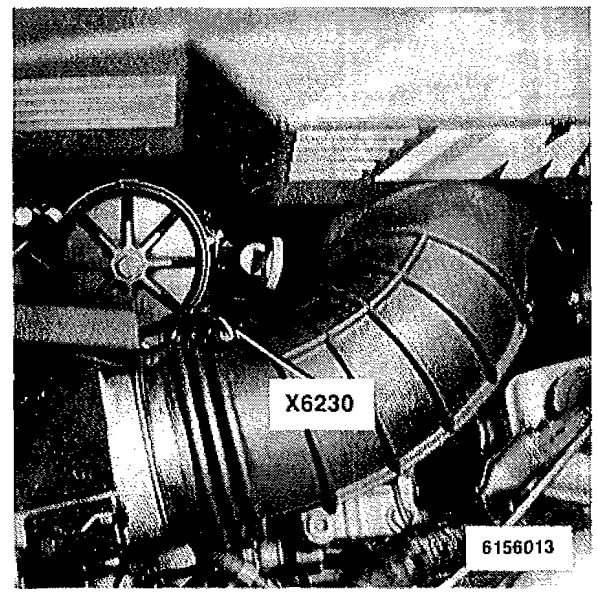


Figure 3- LH Side Of Engine Compartment (S38 Engine)

X6230 Connector (3 pins) SW

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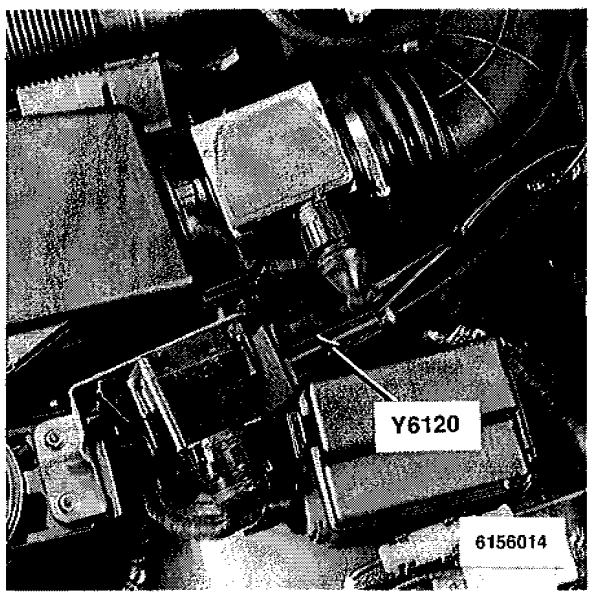


Figure 1- LH Side Of Engine Compartment (M50 Engine)

Y6120 Evaporative Purge Valve

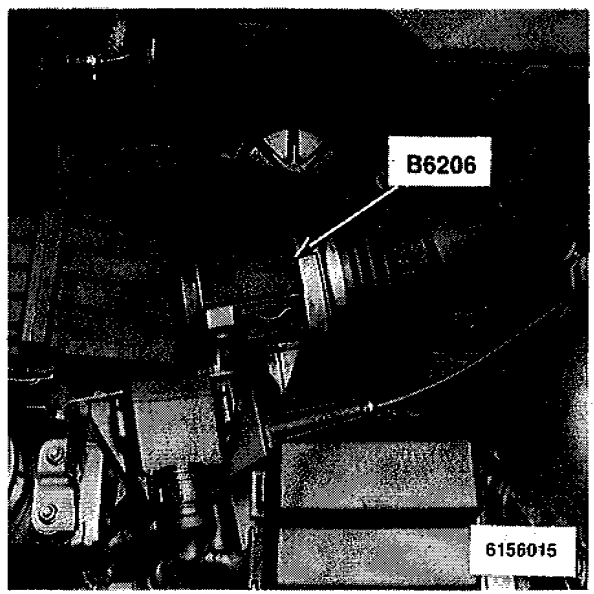


Figure 2- LH Side Of Engine Compartment (S38 Engine Shown; M50 Engine Similar)

B6206 Air Mass Meter

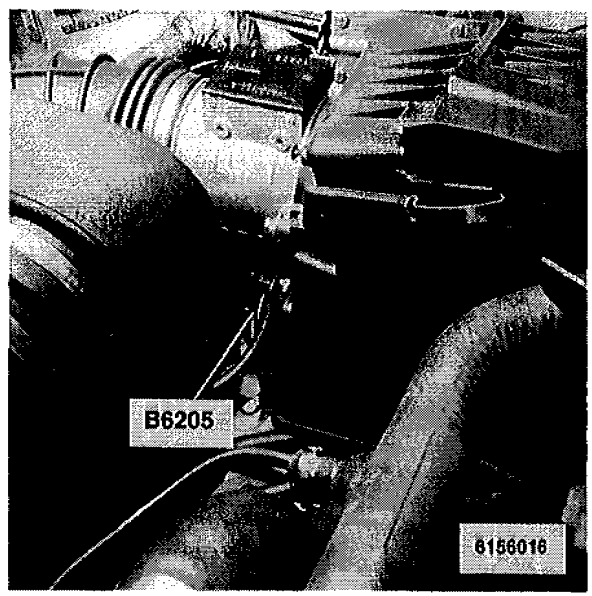


Figure 3- LH Side Of Engine Compartment (S38 Engine)

B6205 Engine Intake Air Temperature Sensor

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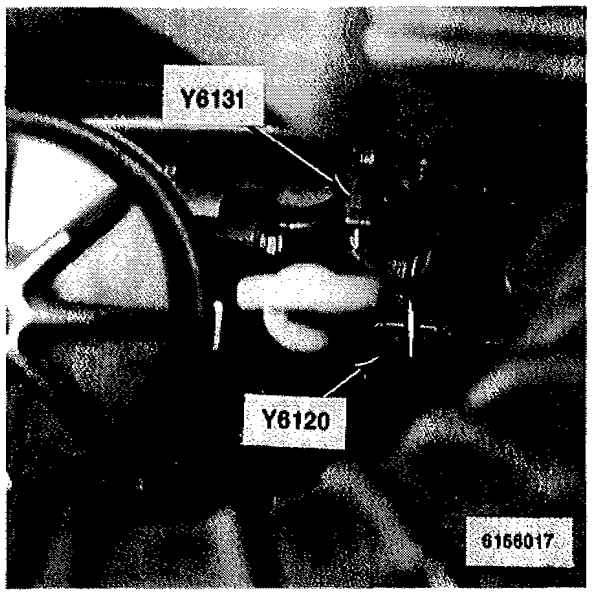


Figure 1- LH Front Of Engine (S38 Engine)

Y6120 Evaporative Purge Valve
Y6131 Changeover Valve I

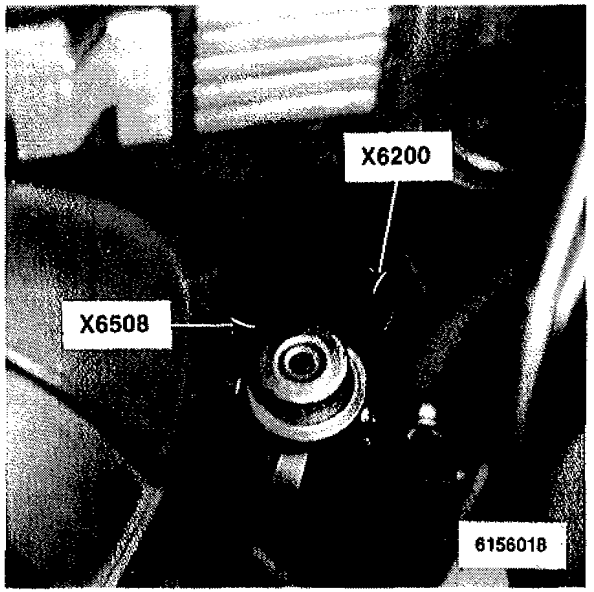


Figure 2- LH Rear Of Engine (S38 Engine)

X6200 Connector (4 pins) SW
X6508 Connector (3 pins) SW

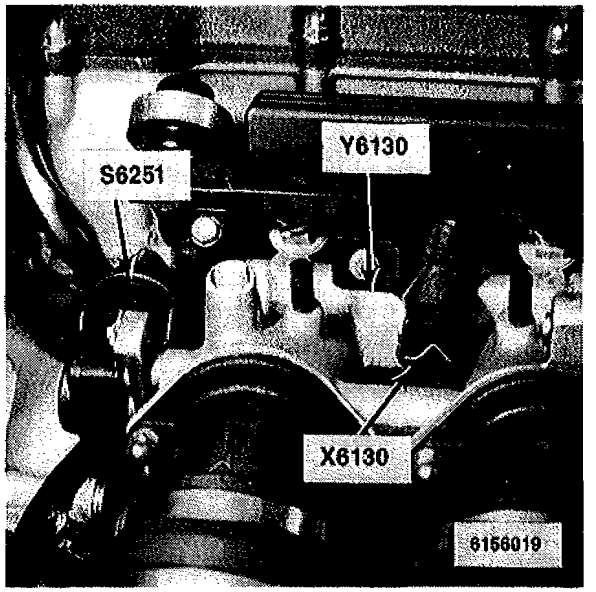


Figure 3- Top Front Of Engine (S38 Engine)

Y6130 Idle Speed Actuator (Below)
S6251 Throttle Switch
X6130 Connector (3 pins) SW

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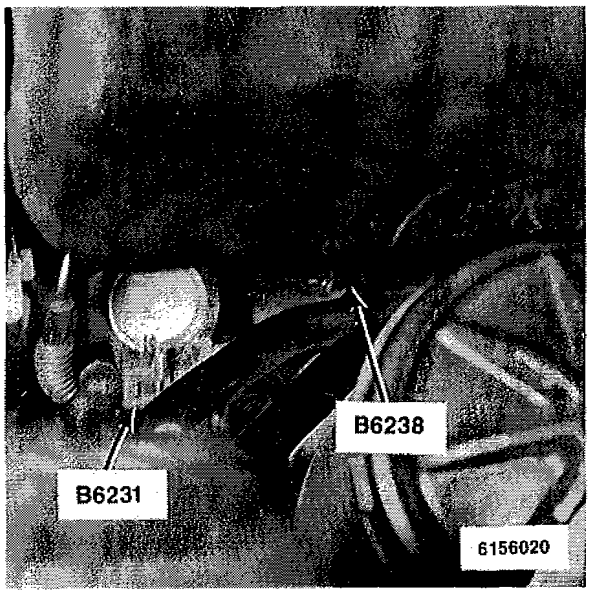


Figure 1- LH Front Of Engine (S38 Engine)

B6231 Oil Pressure Switch
B6238 Oil Temperature Sensor

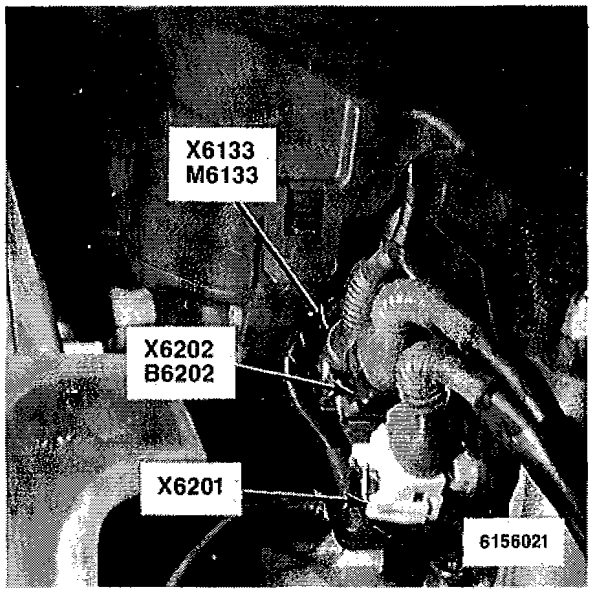


Figure 2- Top Front Of Engine (S38 Engine)

B6202 Engine Speed/Reference Point Sensor
M6133 Air Pump
X6133 Connector (2 pins) SW
X6201 Connector (3 pins) GR
X6202 Connector (3 pins) SW

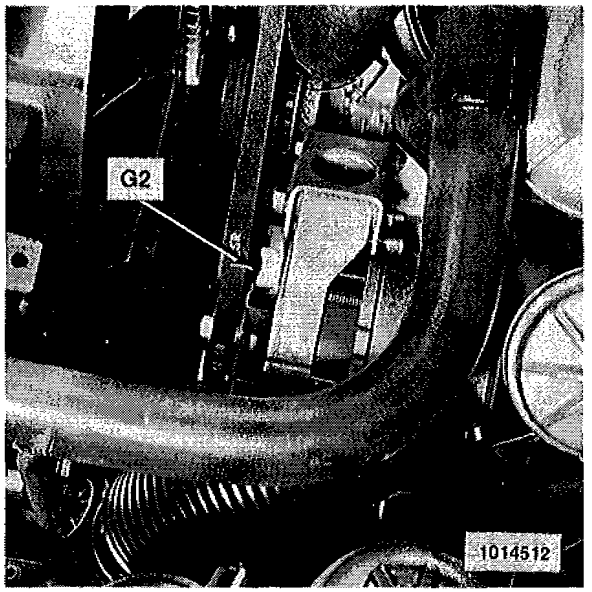


Figure 3- LH Front Of Engine Compartment (M30 Engine Shown; M50 And S38 Engines Similar)

G2 Alternator

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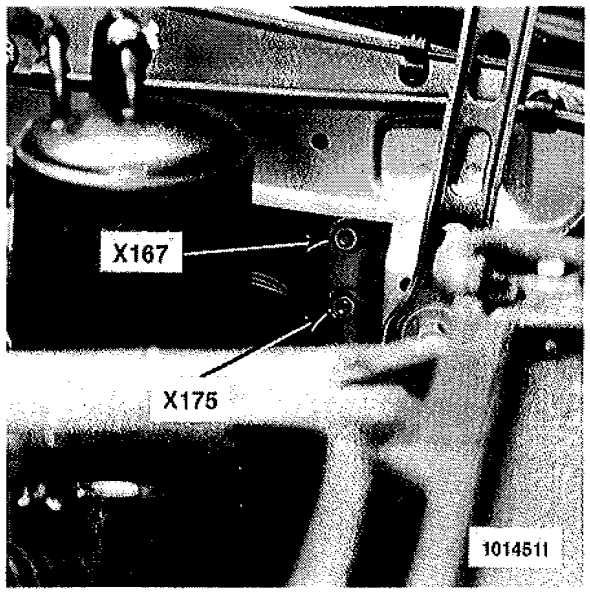


Figure 1- LH Front Of Engine Compartment (M30 Engine Shown; M50 And S38 Engines Similar)

X167 Ground
X175 Ground

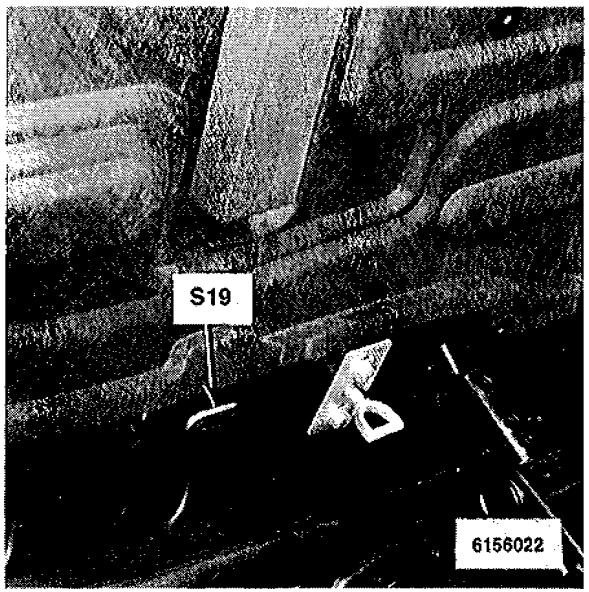


Figure 2- LH Front Of Engine Compartment Hood

S19 Underhood Light Switch

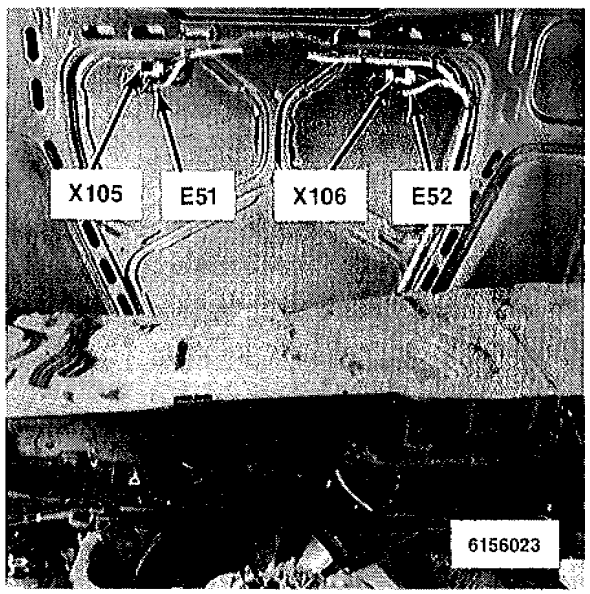


Figure 3- Rear Of Engine Compartment Hood

E51 Left Washer Jet Heater
E52 Right Washer Jet Heater
X105 Connector (2 pins) GR
X106 Connector (2 pins) GR

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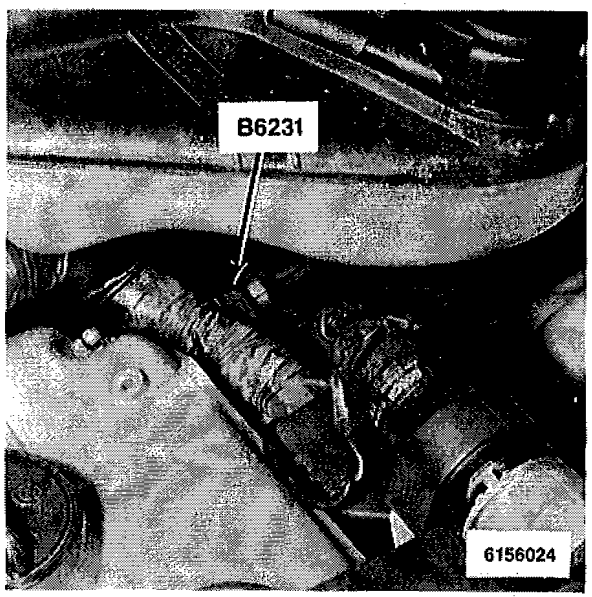


Figure 1- Rear Of Engine (M30 Engine)

B6231 Oil Pressure Switch

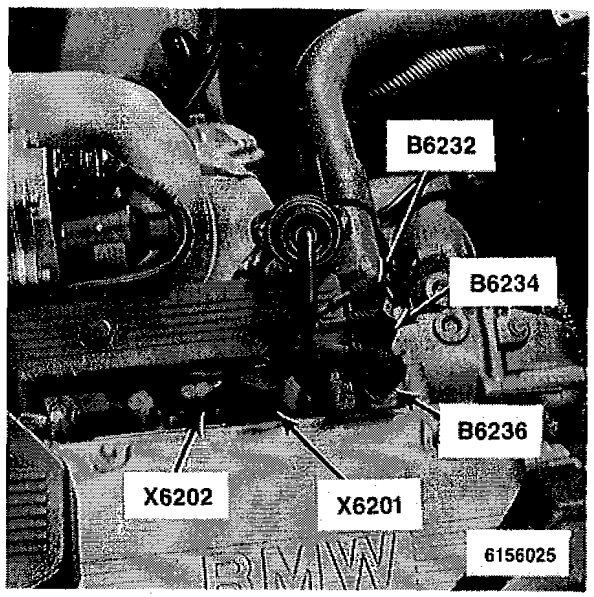


Figure 2- Top Front Of Engine (M30 Engine)

B6232 Coolant Temperature Sensor
B6234 Water Temperature Sensor (EML)
B6236 Coolant Temperature Sensor
X6201 Connector (3 pins) SW
X6202 Connector (3 pins) SW

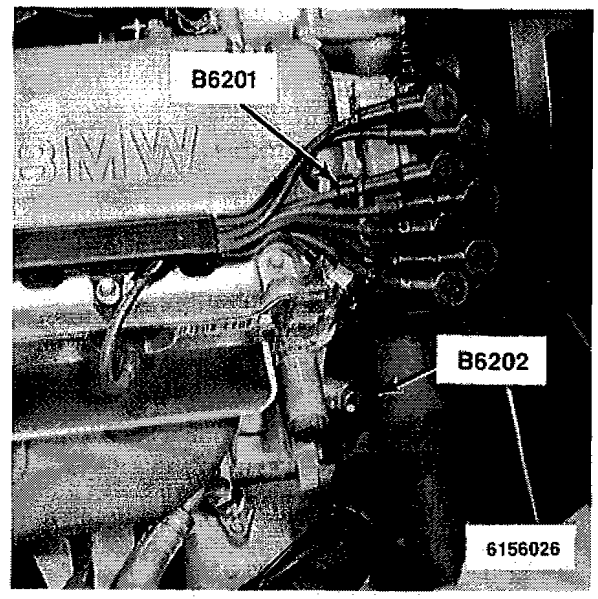


Figure 3- RH Front Of Engine (M30 Engine)

B6201 Cylinder Identification
B6202 Engine Speed/Reference Point Sensor

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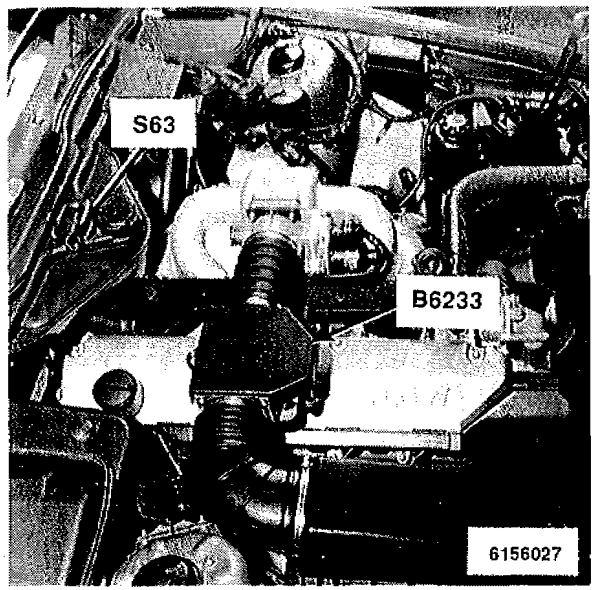


Figure 1- Top Of Engine (M30 Engine)

B6233 Air Quantity Meter
S63 Coolant Level Switch

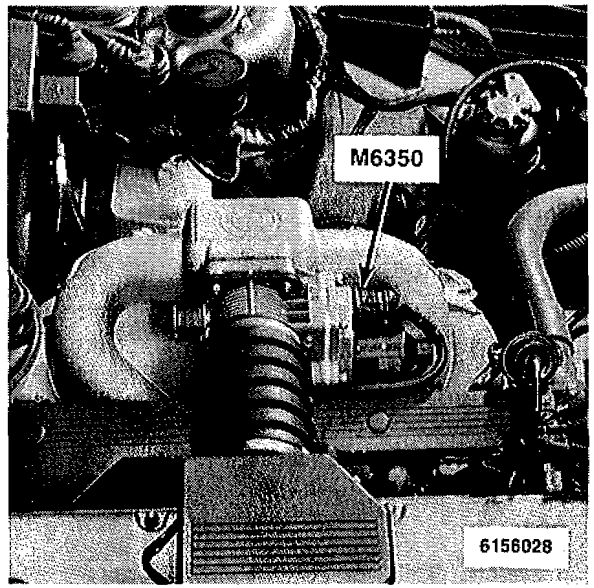


Figure 2- Top Of Engine (M30 Engine)

M6350 EML Actuator

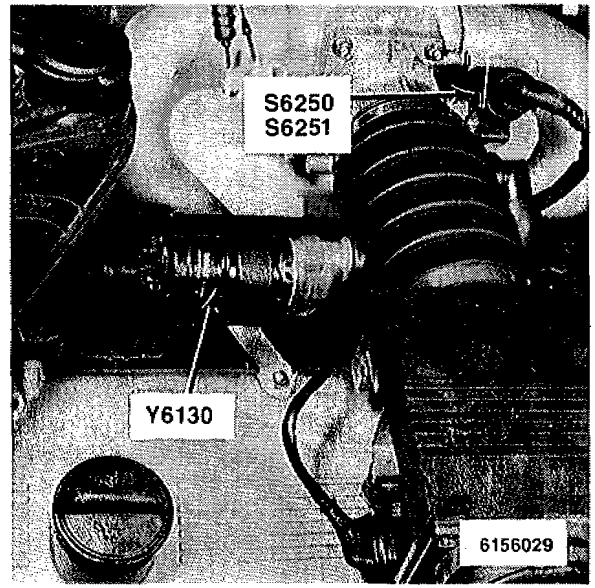


Figure 3- Top Of Engine (M30 Engine)

S6250 Throttle Switch (Without EGS)
S6251 Throttle Switch (With EGS)
Y6130 Idle Speed Actuator

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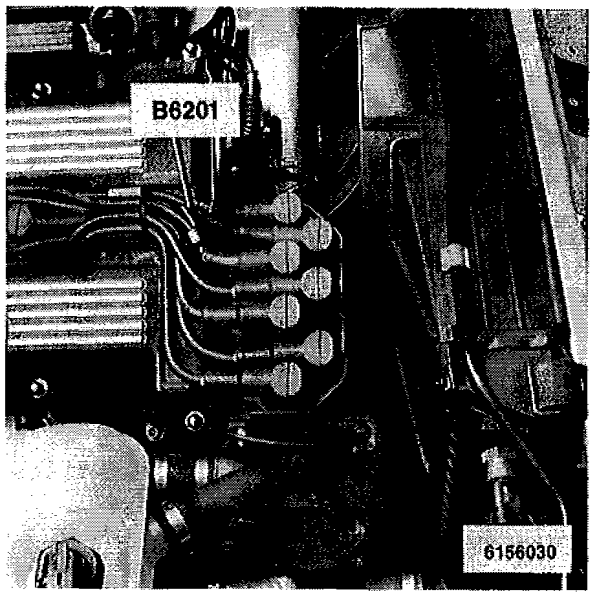


Figure 1- Top RH Front Of Engine (S38 Engine)

B6201 Cylinder Identification

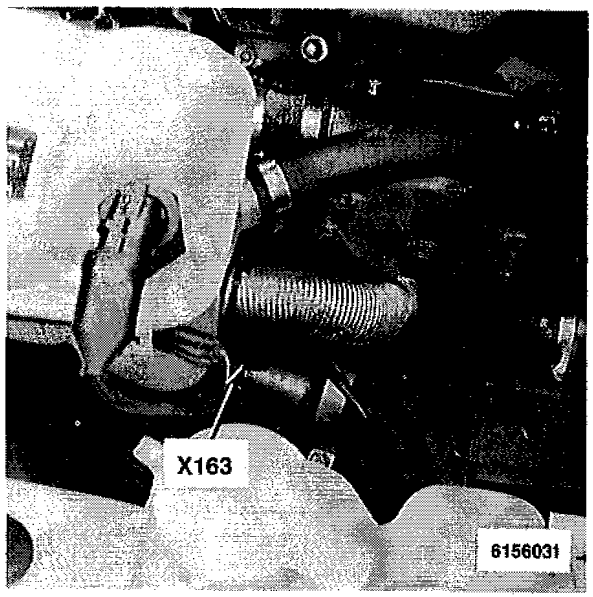


Figure 2- RH Front Of Engine (S38 Engine Shown; M30 And M50 Engines Similar)

X163 Connector (3 pins) SW

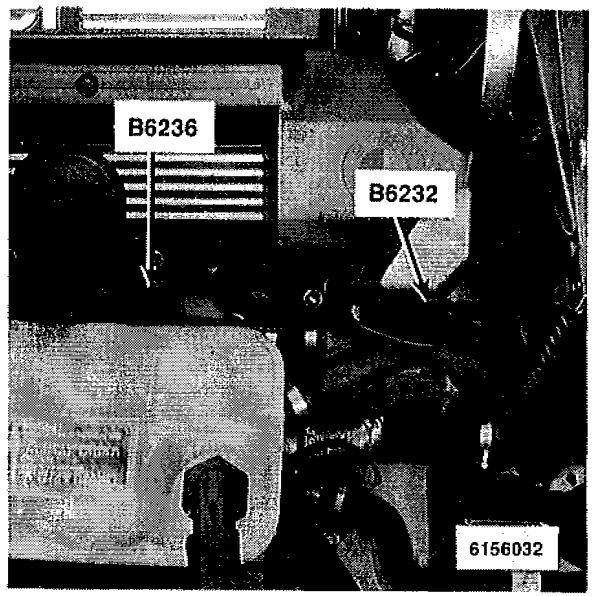


Figure 3- RH Front Of Engine (S38 Engine)

B6232 Remote Temperature Sensor
B6236 Coolant Temperature Sender

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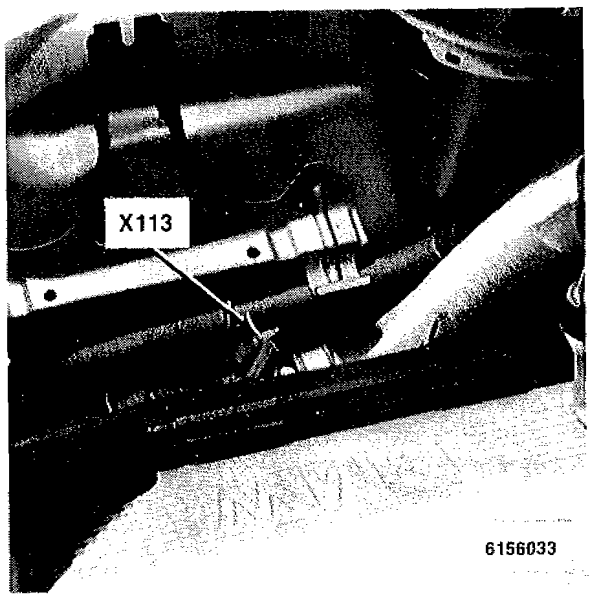


Figure 1- Lower RH Side Of Engine (M30 Engine Shown; M50 And S38 Engines Similar)

X113 Connector (2 pins) WS

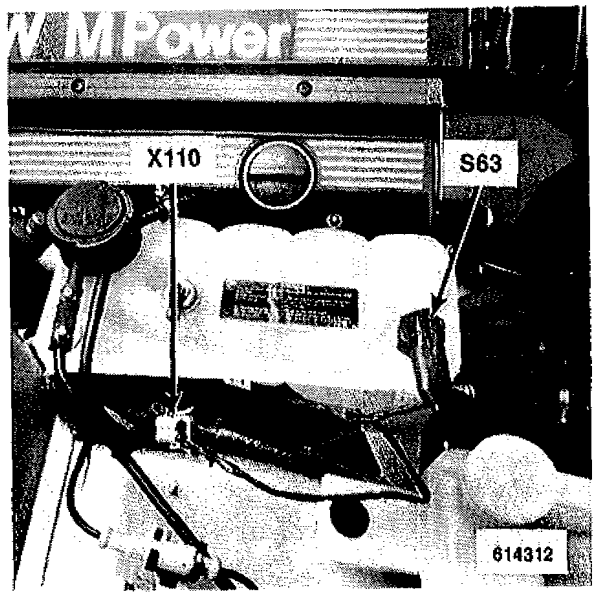


Figure 2- RH Side Of Engine Compartment (S38 Engine)

S63 Coolant Level Switch
X110 Connector (2 pins) GR

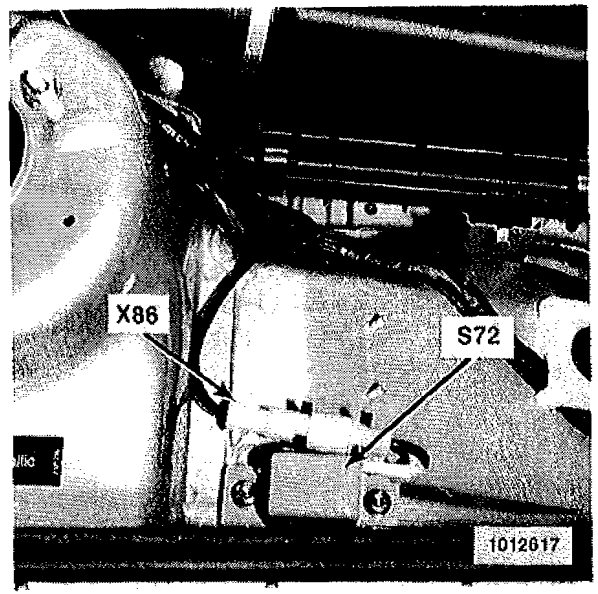


Figure 3- RH Side Of Engine Compartment (M30 Engine Shown; M50 And S38 Engines Similar)

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

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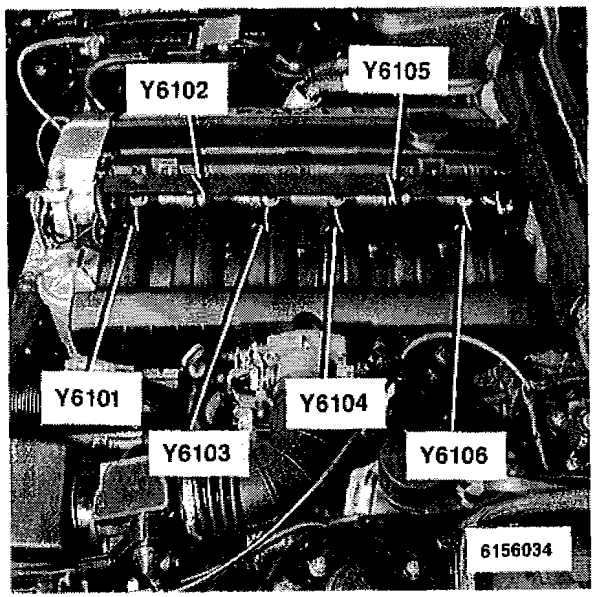


Figure 1- Top Of Engine (M50 Engine)

Y6101 Injection Valve 1
Y6102 Injection Valve 2
Y6103 Injection Valve 3
Y6104 Injection Valve 4
Y6105 Injection Valve 5
Y6106 Injection Valve 6

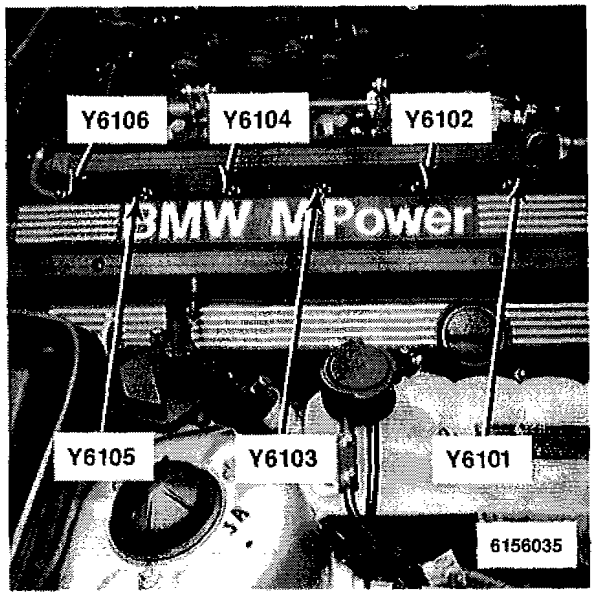


Figure 2- Top Of Engine (S38 Engine)

Y6101 Injection Valve 1
Y6102 Injection Valve 2
Y6103 Injection Valve 3
Y6104 Injection Valve 4
Y6105 Injection Valve 5
Y6106 Injection Valve 6

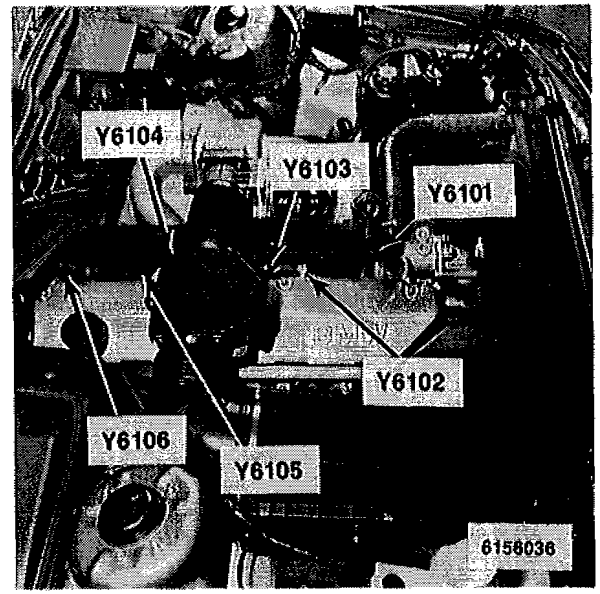


Figure 3- Top Of Engine (M30 Engine)

Y6101 Injection Valve 1
Y6102 Injection Valve 2
Y6103 Injection Valve 3
Y6104 Injection Valve 4
Y6105 Injection Valve 5
Y6106 Injection Valve 6

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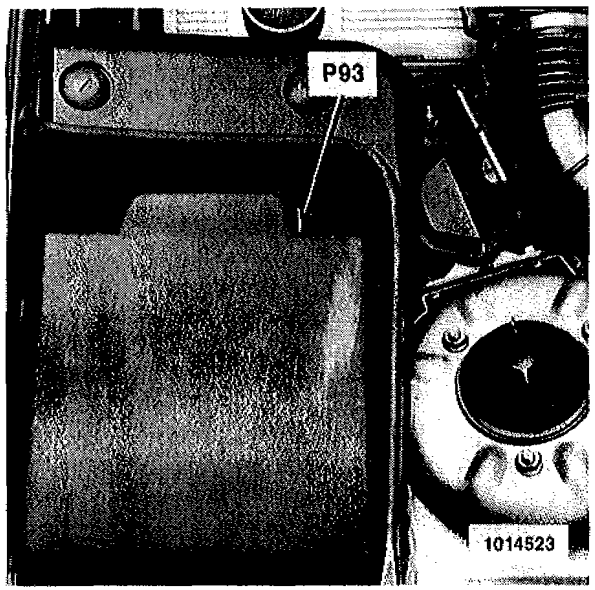


Figure 1- RH Rear Of Engine Compartment

P93 E-Box

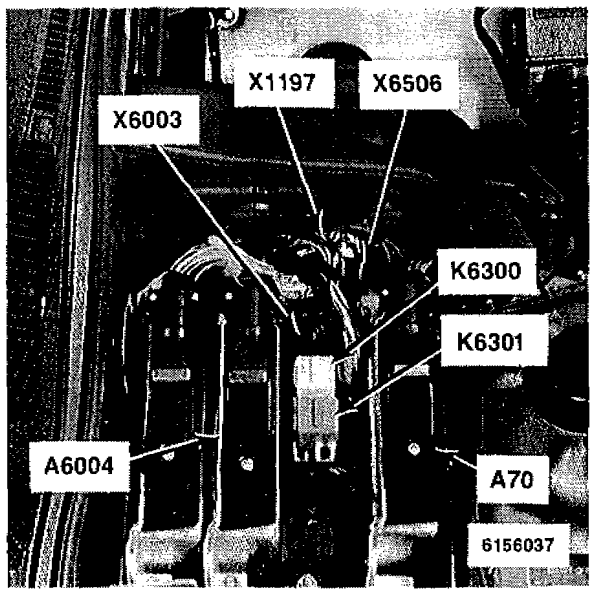


Figure 2- RH Rear Of Engine Compartment (M30 Engine)

A70 ABS/ASC Electronic Control Unit
A6004 EML Control Unit
K6300 Relay 2 DME
K6301 Electronic Fuel Pump Relay 1
X1197 Connector (8 pins) WS
X6003 Connector (8 pins) SW
X6506 Connector (4 pins) SW

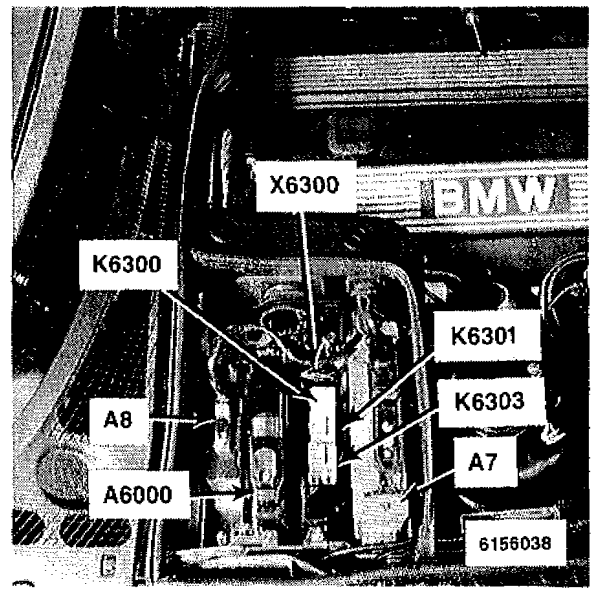


Figure 3- RH Rear Of Engine Compartment (M50 Engine)

A7 ABS Electronic Control Unit
A8 Cruise Control Module (Tempomat)
A6000 DME Control Unit
K6300 Relay 2 DME
K6301 Electric Fuel Pump Relay 1
K6303 Oxygen Sensor Relay
X6003 Connector (8 pins) SW

carplan.com

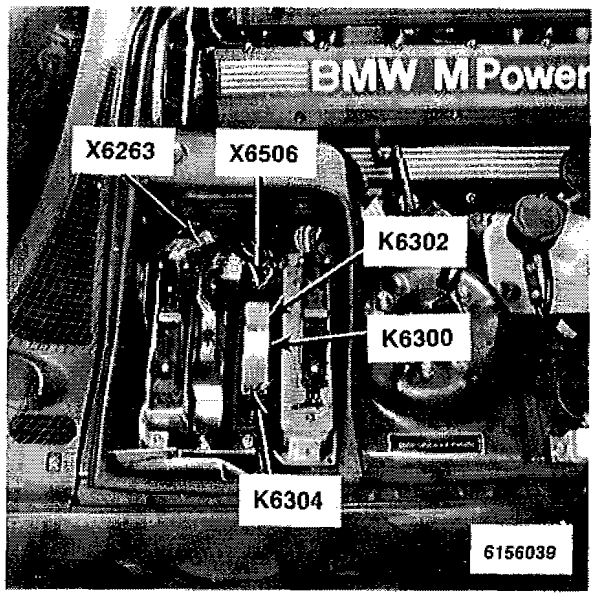


Figure 1- RH Rear Of Engine Compartment (S38 Engine)

K6300 Relay 2 DME
K6302 Fuel Pump Relay
K6304 Air Pump Relay
X6263 Connector (1 pin) SW
X6506 Connector (4 pins) SW

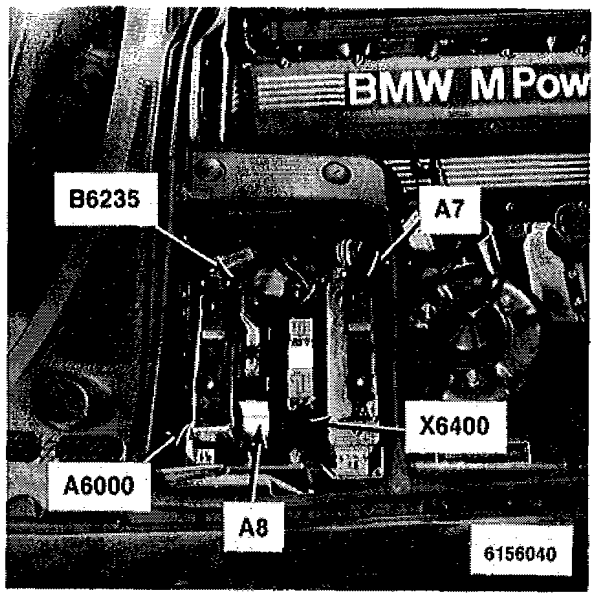


Figure 2- RH Rear Of Engine Compartment (S38 Engine Shown; M30 Engine Similar)

A7 ABS Electronic Control Unit
A8 Cruise Control Module (Tempomat)
A6000 DME Control Unit
B6235 Temperature Switch
X6400 B+ Junction Point

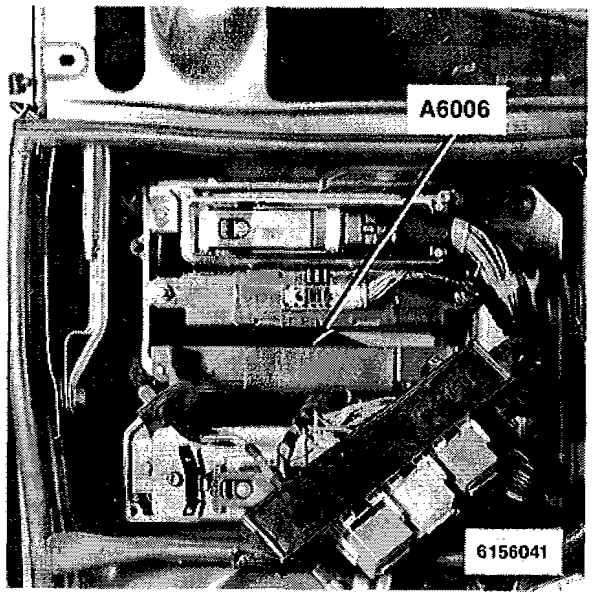


Figure 3- RH Rear Of Engine Compartment (S38 Engine)

A6006 Air Intake Control Unit

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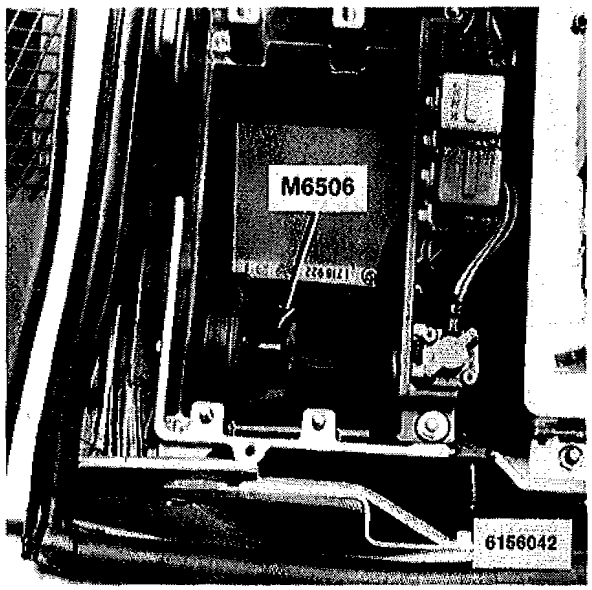


Figure 1- RH Rear Of Engine Compartment (M30 Engine Shown; S38 Engine Similar)

M6506 E-Box Fan

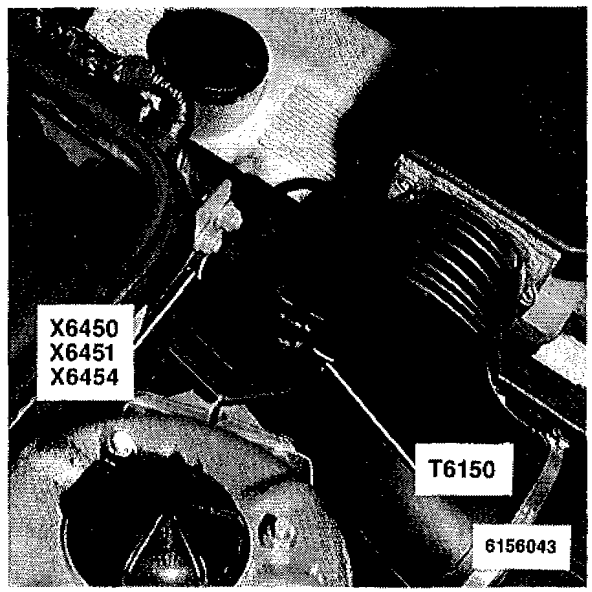


Figure 2- RH Rear Of Engine Compartment (M30 Engine Shown; M50 And S38 Engines Similar)

T6150 Ignition Coil
X6450 Ground
X6451 Ground
X6454 Ground

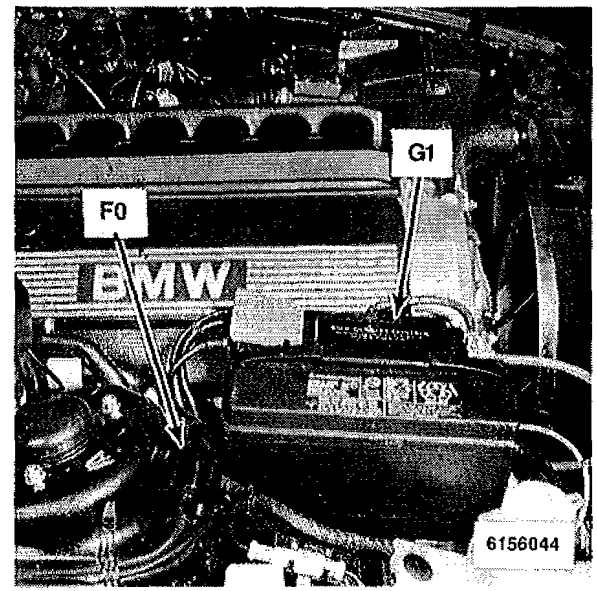


Figure 3- RH Side Of Engine Compartment (M50 Engine)

F0 Fusible Link 80A
G1 Battery

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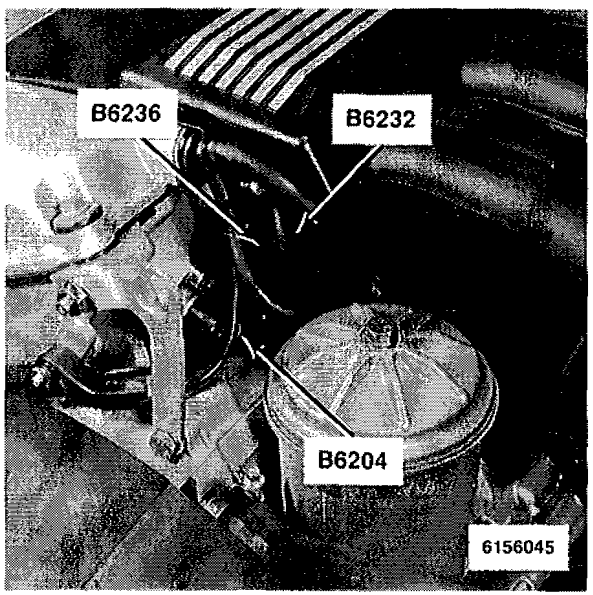


Figure 1- Front Center Of Engine (M50 Engine)

B6204 Camshaft Sensor
B6232 Coolant Temperature Sensor
B6236 Coolant Temperature Sensor

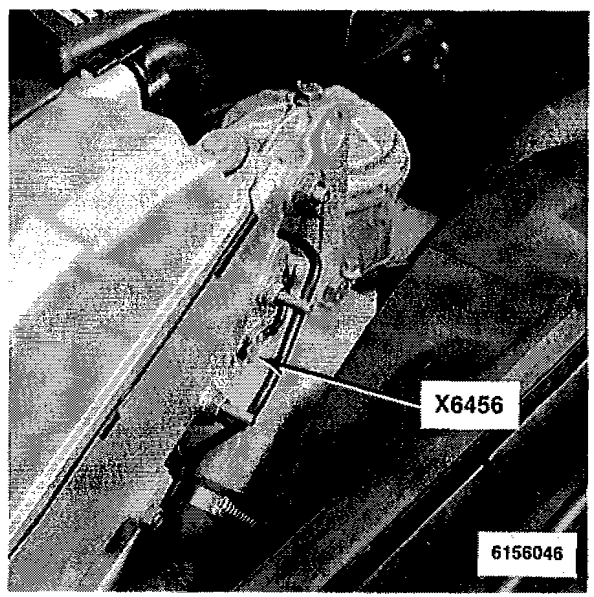


Figure 2- Front Center Of Engine (M50 Engine)

X6456 Ground

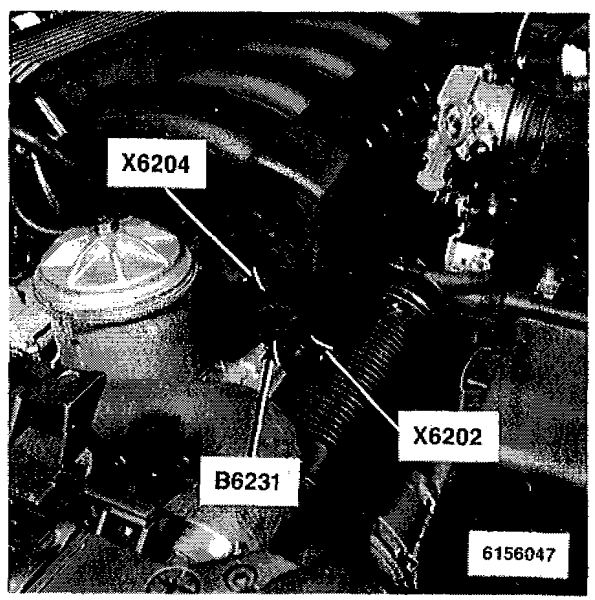


Figure 3- LH Front Of Engine (M50 Engine)

B6231 Oil Pressure Switch
X6202 Connector (3 pins) SW
X6204 Connector (3 pins) SW

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Figure 1- LH Side Of Engine (M50 Engine)

Y6130 Idle Speed Actuator

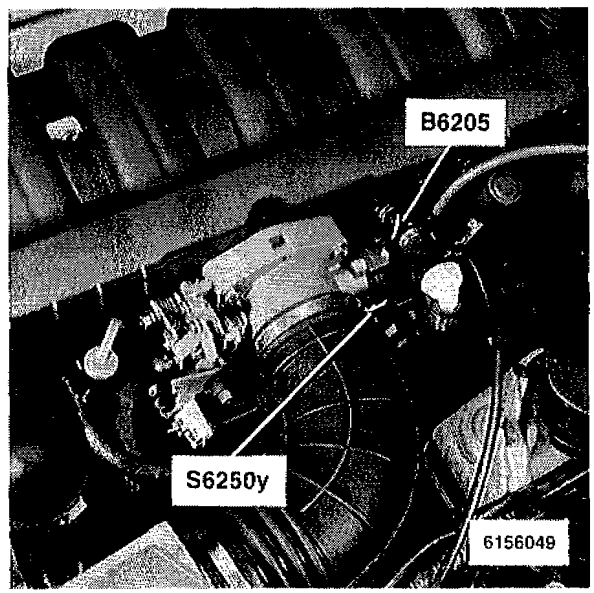


Figure 2- LH Side Of Engine (M50 Engine)

B6205 Engine Intake Air Temperature Sensor
S6250y Throttle Potentiometer

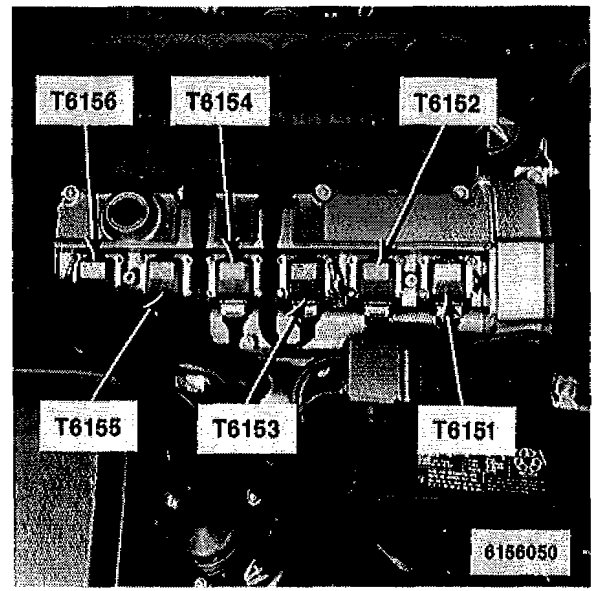


Figure 3- RH Side Of Engine (M50 Engine)

T6151 Ignition Coil 1
T6152 Ignition Coil 2
T6153 Ignition Coil 3
T6154 Ignition Coil 4
T6155 Ignition Coil 5
T6156 Ignition Coil 6

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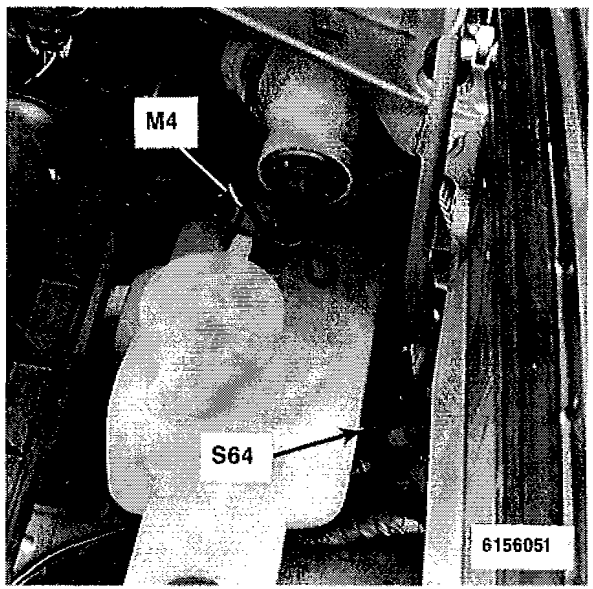


Figure 1- RH Front Corner Of Engine Compartment (M30 Engine Shown; M50 And S38 Engines Similar)

M4 Washer Pump
S64 Washer Fluid Level Switch



Figure 2- RH Front Corner Of Engine Compartment (S38 Engine Shown; M30 And M50 Engines Similar)

B8y Pressure Switch
B9y Pressure Switch
B9508 Pressure Switch

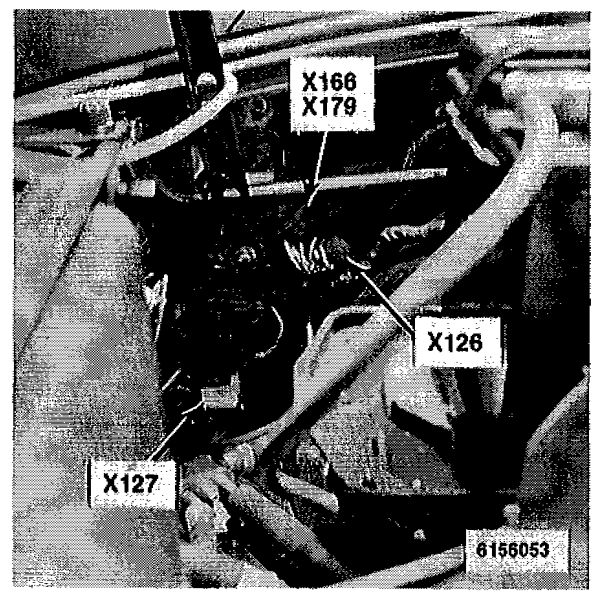


Figure 3- RH Front Corner Of Engine Compartment (M50 Engine Shown; M30 and S38 Engines Similar)

X126 Connector (2 pins) WS
X127 Connector (2 pins) SW
X166 Ground
X179 Ground

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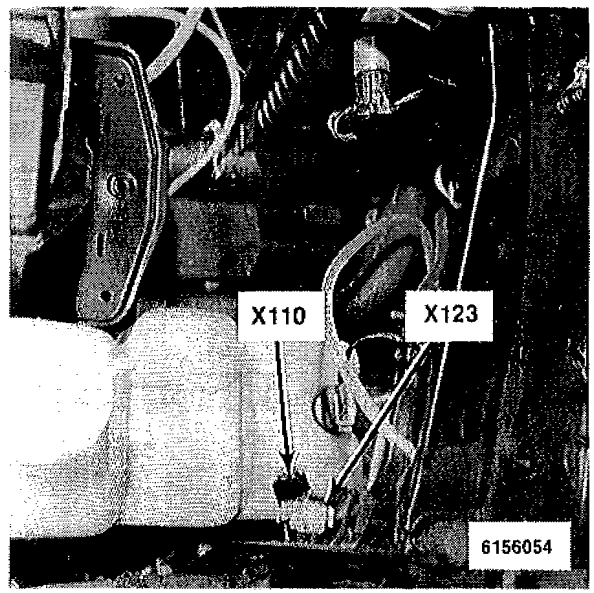


Figure 1- RH Front Corner Of Engine Compartment (M50 Engine Shown; M30 And S38 Engines Similar)

X110 Connector (2 pins) GR
X123 Connector (2 pins) GR

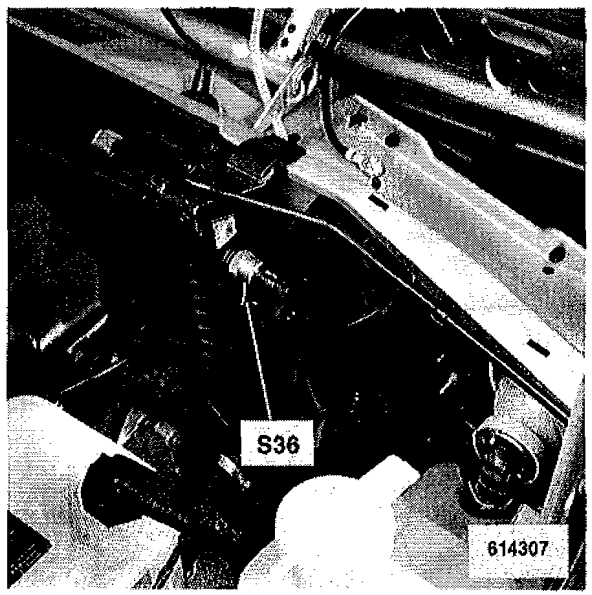


Figure 2- Top RH Side Of Radiator (S38 Engine Shown; M30 And M50 Engines Similar)

S36 Temperature Switch

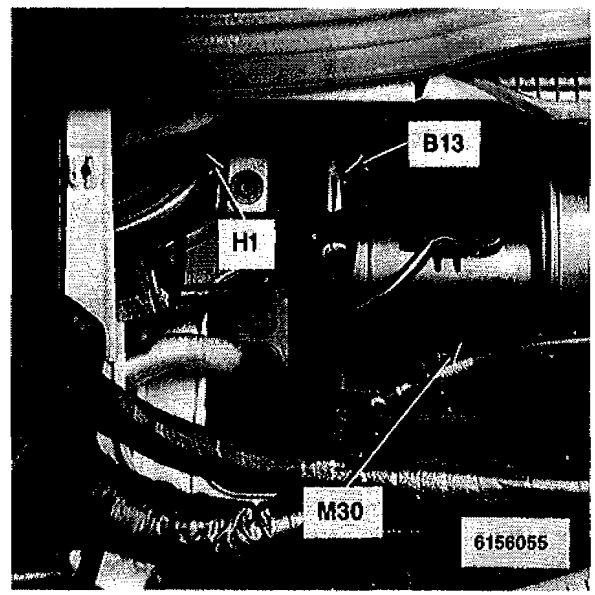


Figure 3- Behind Center Of Fresh Air Cowl Panel

B13 Outside Temperature Sensor
H1 Antitheft Horn
M30 Blower Motor

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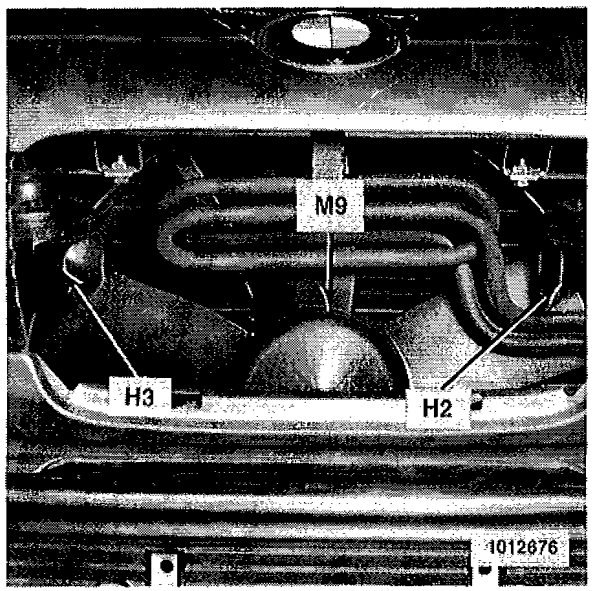


Figure 1- Front Of Car (Grille Removed)

H2 Left Horn
H3 Right Horn
M9 Auxiliary Fan Motor

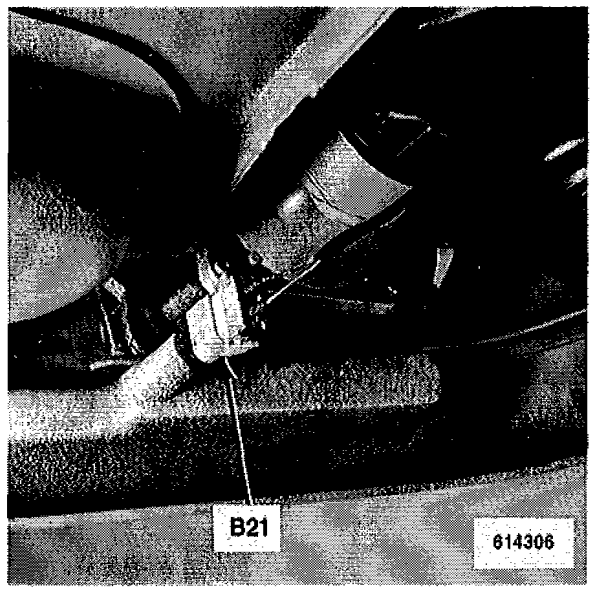


Figure 2- Behind RH Corner Of Front Bumper

B21 On-Board Computer Temperature Sensor

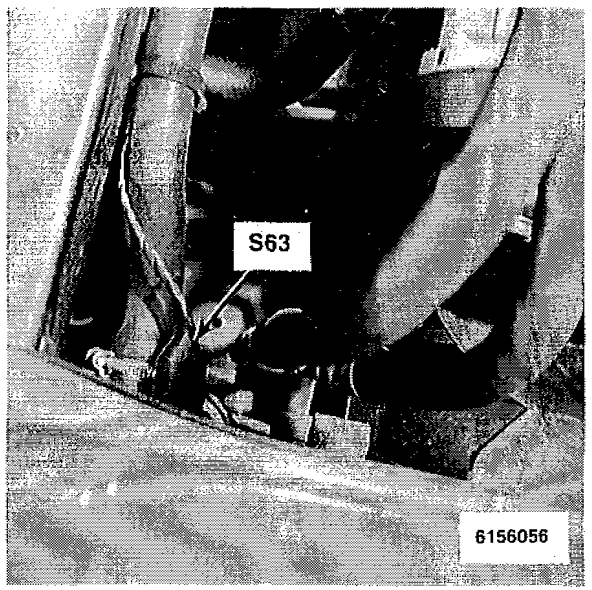


Figure 3- Lower LH Front Of Engine Compartment (M50 Engine)

S63 Coolant Level Switch

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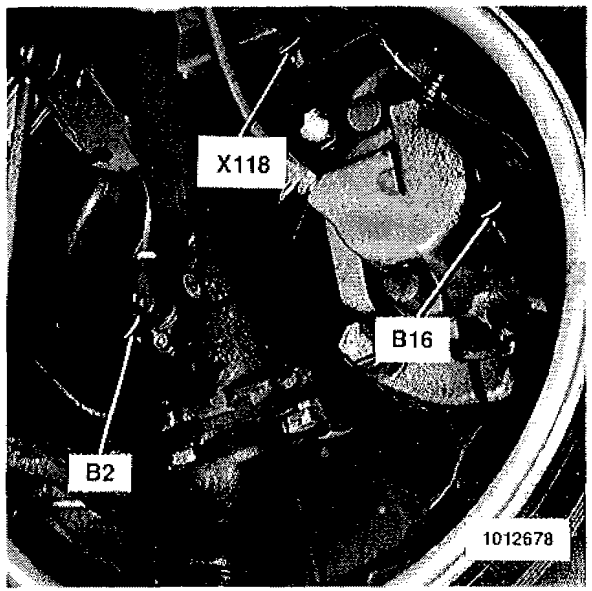


Figure 1- Behind LH Front Wheel

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

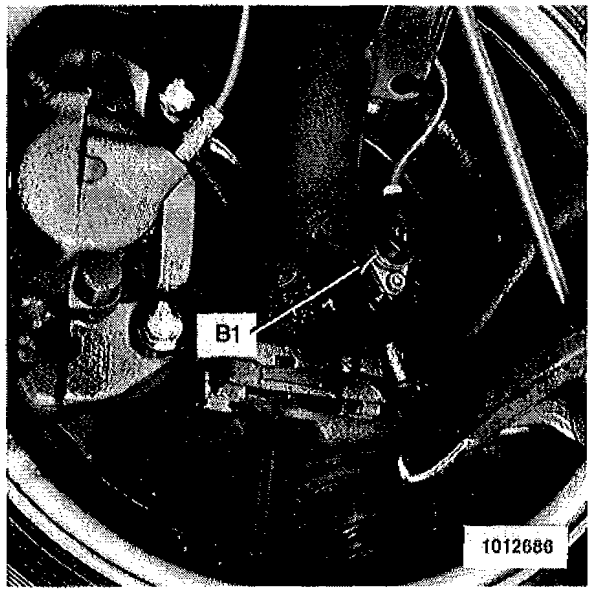


Figure 2- Behind RH Front Wheel

B1 Right Front Speed Sensor

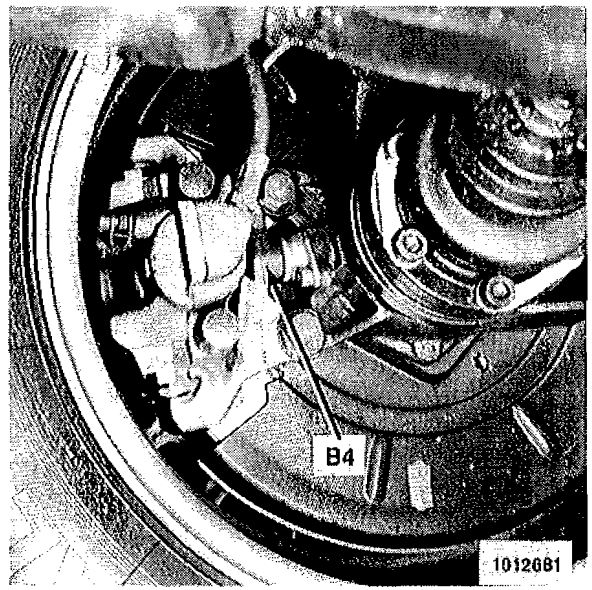


Figure 3- Behind LH Rear Wheel

B4 Left Rear Speed Sensor

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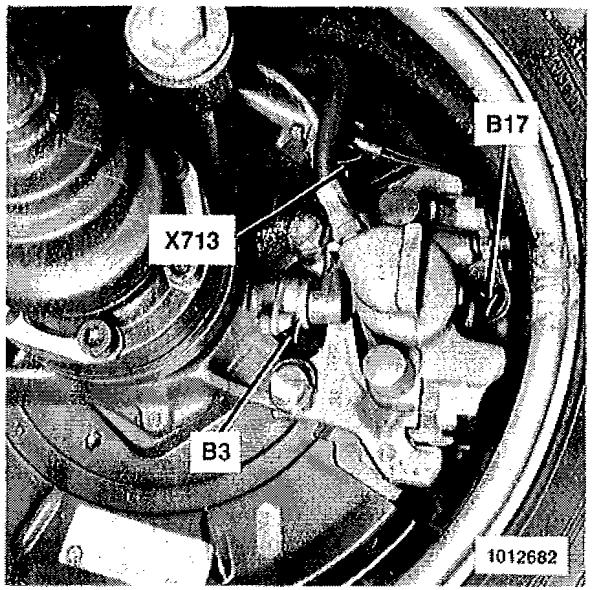


Figure 1- Behind RH Rear Wheel

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

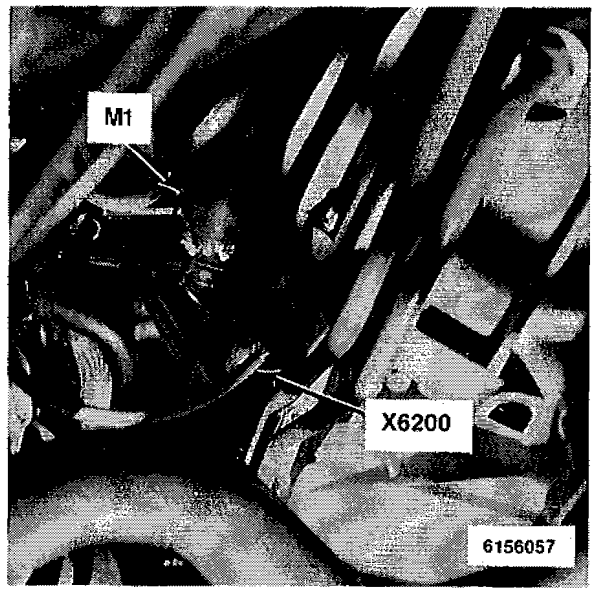


Figure 2- Lower LH Side Of Engine (M50 Engine)

M1 Starter
X6200 Connector (4 pins) SW



Figure 3- Lower Front Of Engine (M30 Engine Shown; M50 And S38 Engines Similar)

B6230 Oil Level

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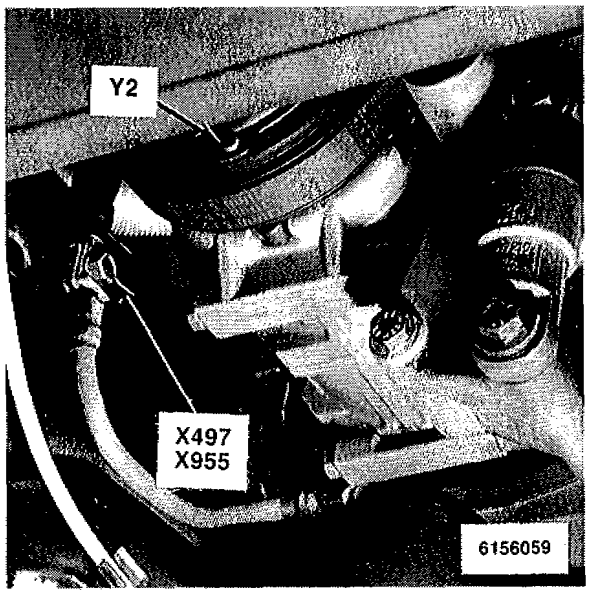


Figure 1- Lower RH Front Of Engine (M50 Engine Shown; M30 And S38 Engines Similar)

Y2 Compressor Clutch
X497 Ground (M50 Engine Only)
X955 Ground (Battery)

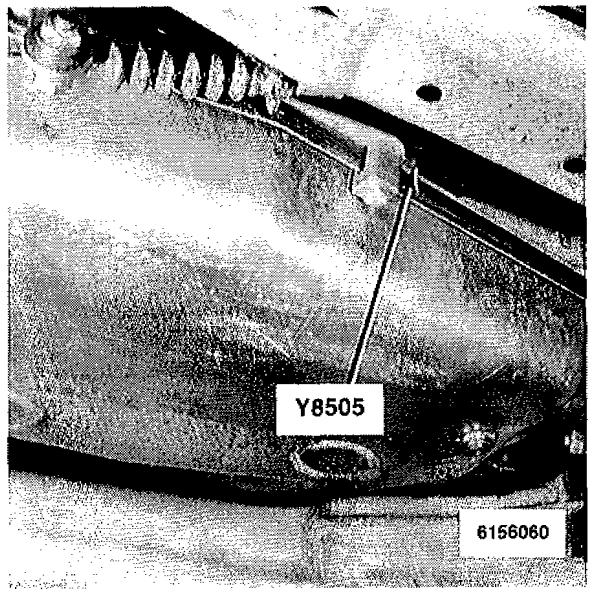


Figure 2- LH Side Of Transmission

Y8505 Transmission Gear-Shift Unit

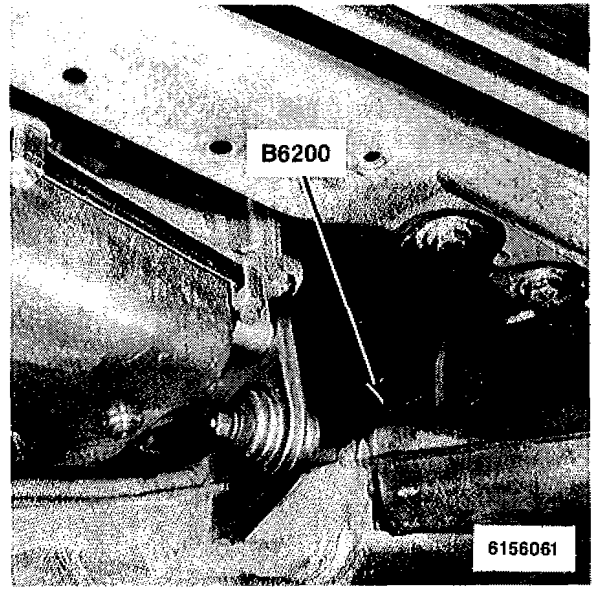


Figure 3- LH Side Of Transmission (M30 Engine Shown; M50 Similar)

B6200 Heated Oxygen Sensor

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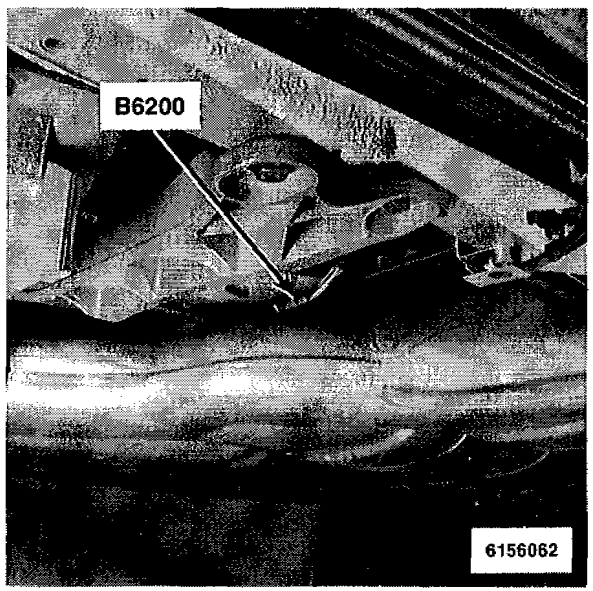


Figure 1- LH Side Of Transmission (S38 Engine)

B6200 Oxygen Sensor

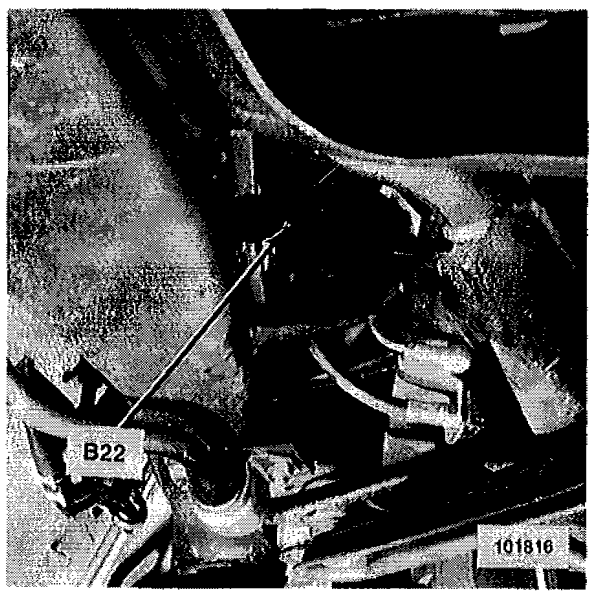


Figure 2- Below RH Rear Of Car

B22 Wheel Camber Control Unit

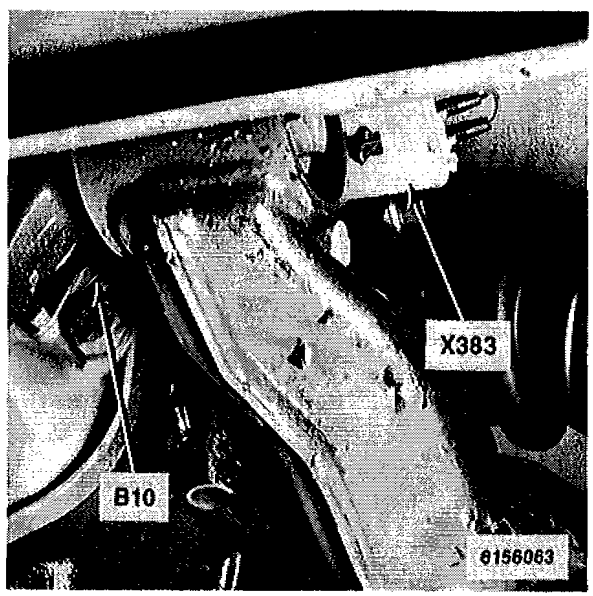


Figure 3- Below Rear Of Car, On Rear Differential

B10 Vehicle Speed Sensor
X383 Connector (2 pins) GE

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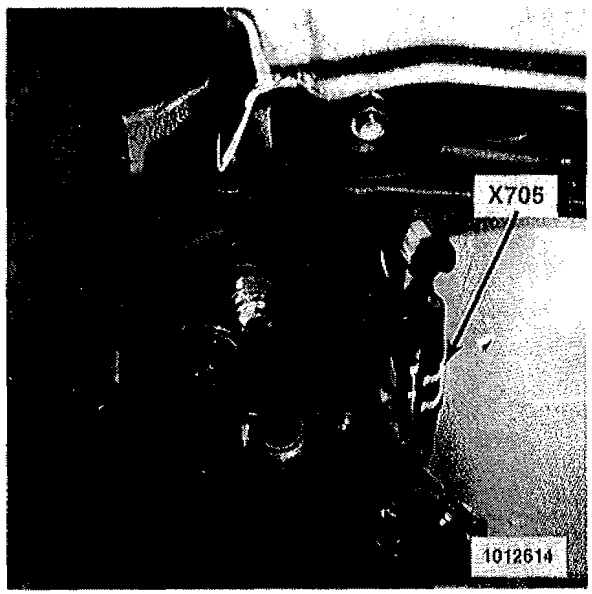


Figure 1- Below Rear Of Car, Forward Of Wheel Well

X705 Connector (2 pins) SW

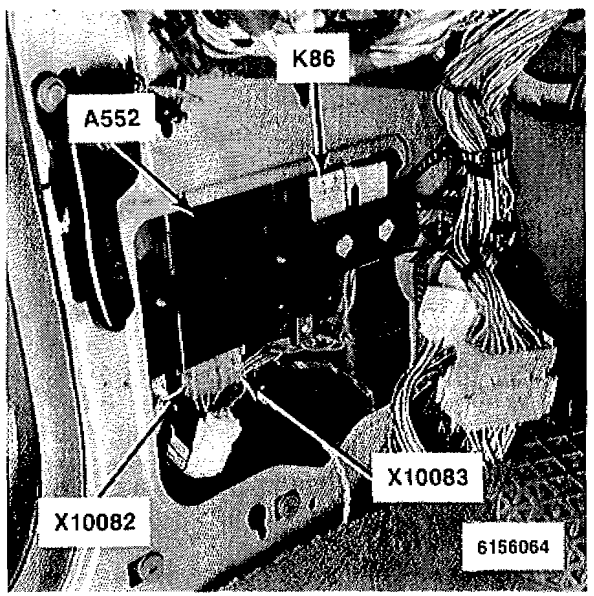


Figure 2- Inside LH Kick Panel

A552 A/C Compressor Control Unit
K86 Full Load Cut Off Relay
X10082 Connector (5 pins) GN
X10083 Connector (4 pins) SW

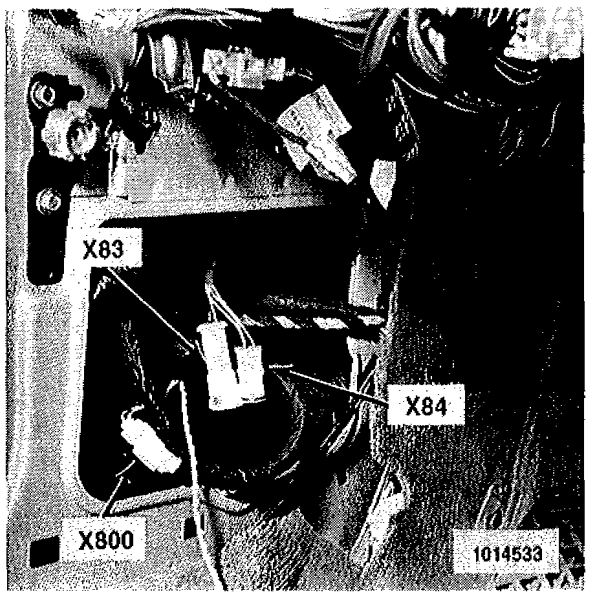


Figure 3- Inside LH Kick Panel

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

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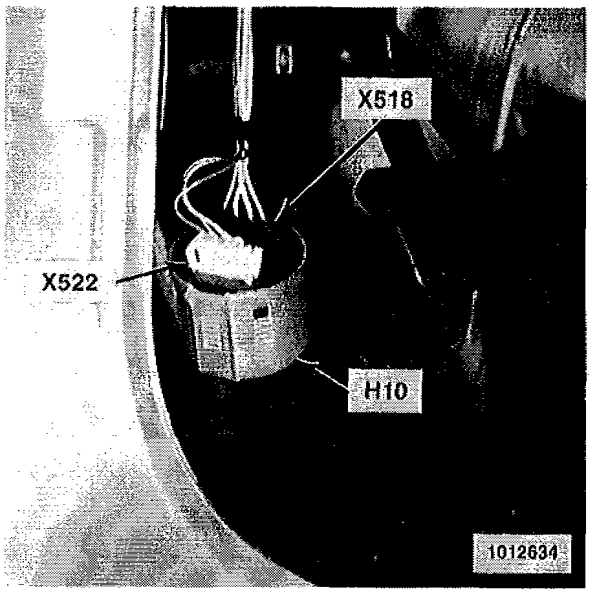


Figure 1- Below LH Side Of Dash (Hush Panel Removed)

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



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

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

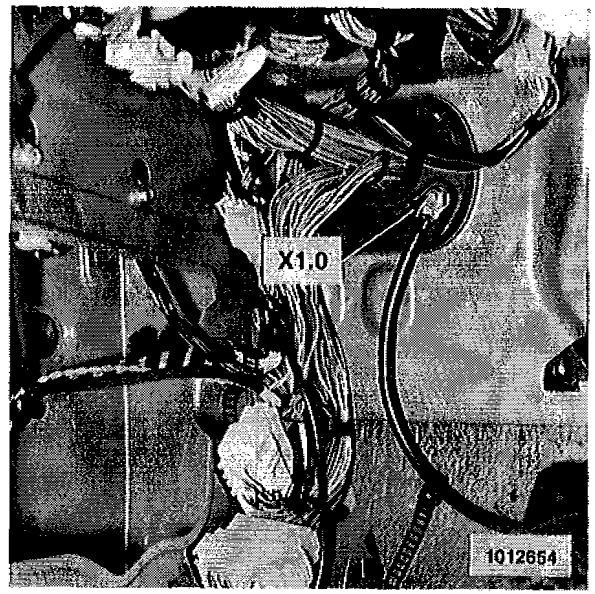


Figure 3- Below LH Side Of Dash, Top Of Kick Panel

X1 B+ Junction Point For Front Power Distribution Box

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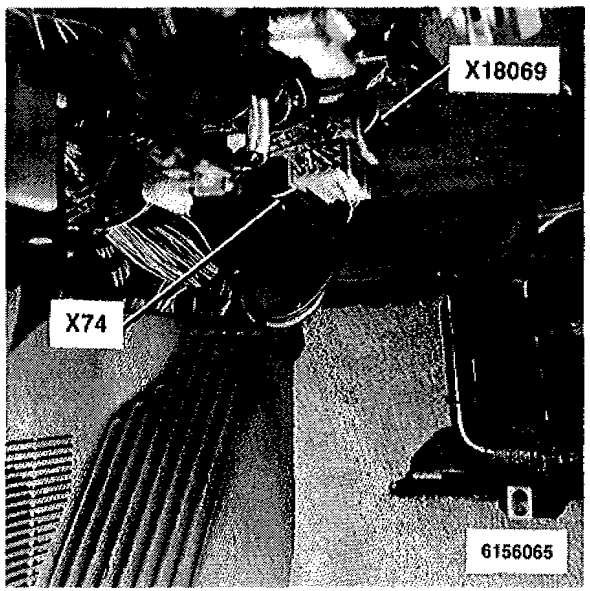


Figure 1- Below LH Side Of Dash, LH Side Of Steering Column

X74 Connector (8 pins) OR
X18069 Connector (6 pins) OR

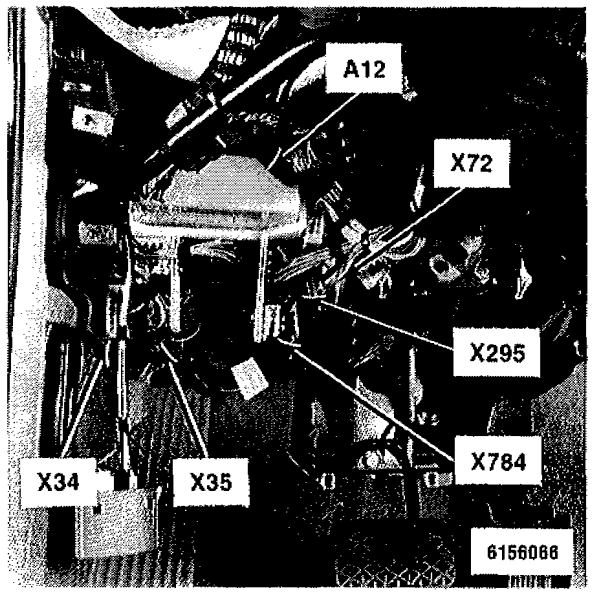


Figure 2- Below LH Side Of Dash, Left Of Steering Column

A12 Diagnostic Module (SRS)
X34 Connector (12 pins) WS
X35 Connector (21 pins) SW
X72 Connector (8 pins) WS
X295 Connector (8 pins) SW
X784 Connector (2 pins) OR

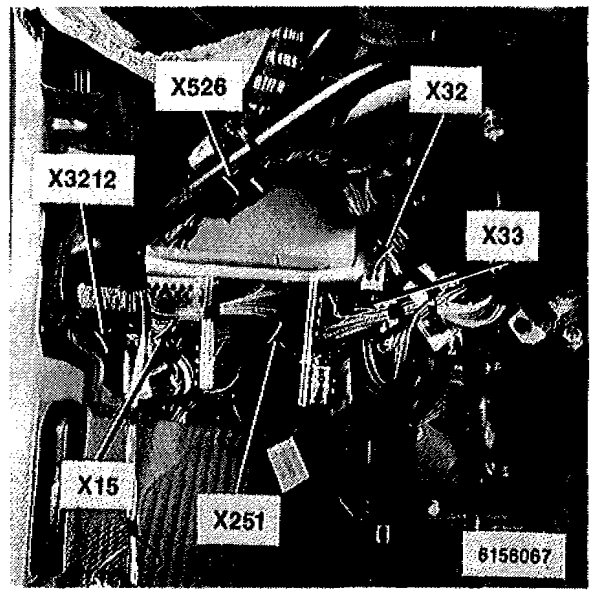


Figure 3- Below LH Side Of Dash, Left Of Steering Column

X15 Connector (30 pins) WS
X32 Connector (12 pins) WS
X33 Connector (12 pins) SW
X251 Connector (30 pins) SW
X526 Connector (8 pins) SW
X3212 Connector (3 pins) SW

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COMPONENT LOCATION VIEWS

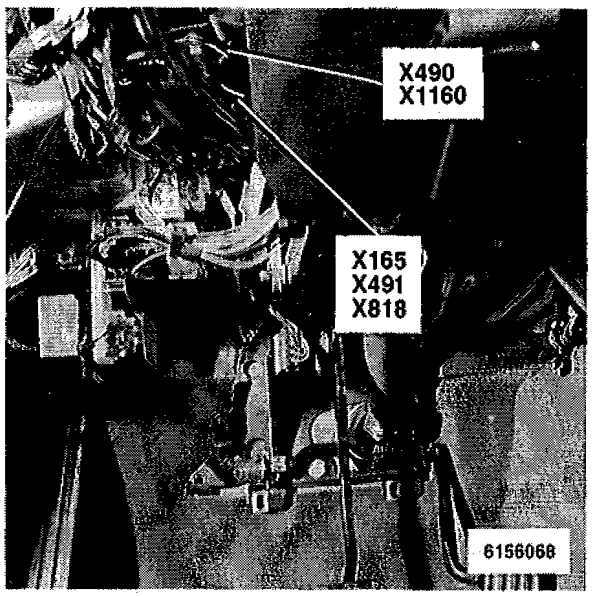


Figure 1- Below LH Side Of Dash, Left Of Steering Column

X165 Ground
X490 Ground
X491 Ground
X818 Ground
X1160 Ground



Figure 2- Inside Steering Wheel

C100 Contact Ring
G5 Driver's Air Bag Generator

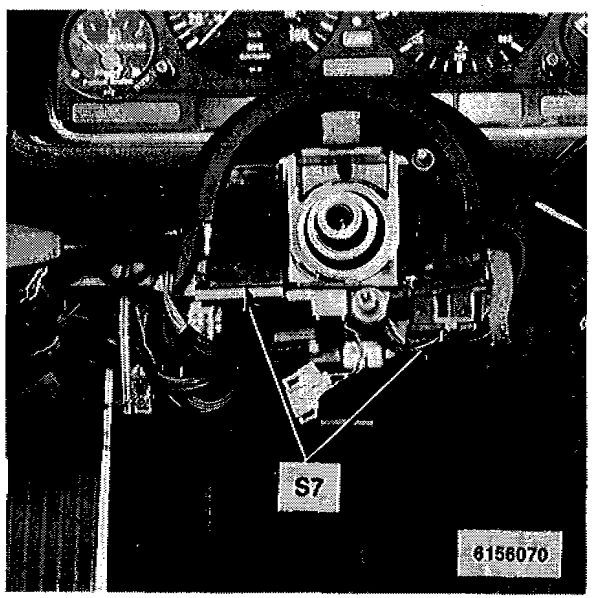


Figure 3- Top Of Steering Column (Steering Wheel Removed)

S7 Combination Switch

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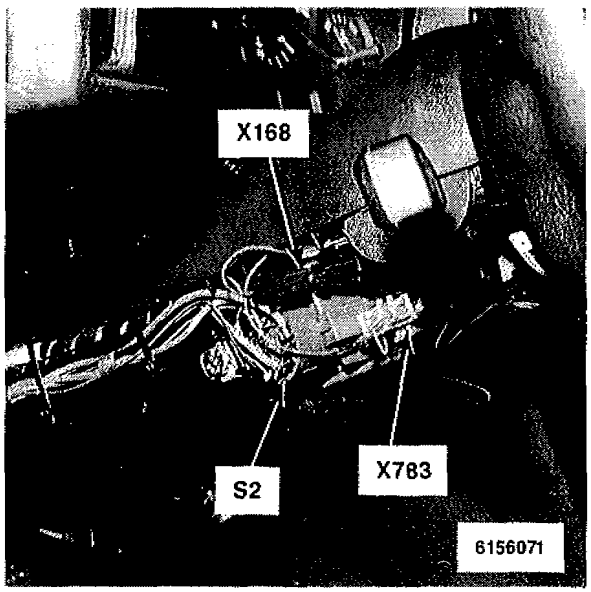


Figure 1- Underside Of Steering Column

S2 Ignition Switch
X168 Connector (1 pin) SW
X783 Connector (2 pins) OR

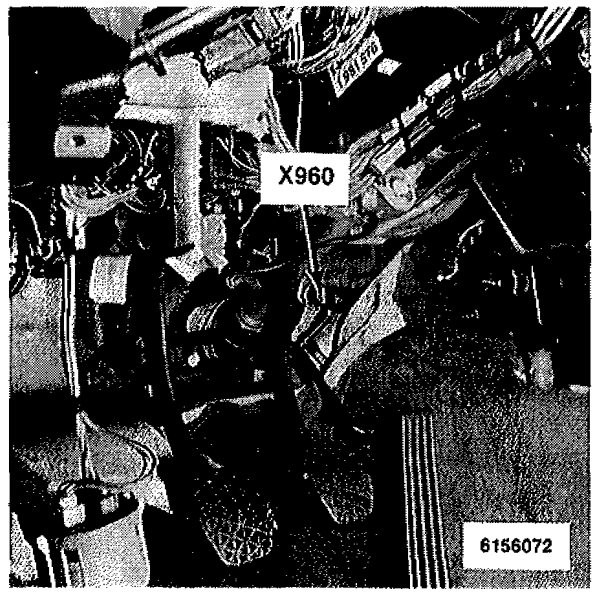


Figure 2- Below LH Side Of Dash

X960 B+ Junction Point

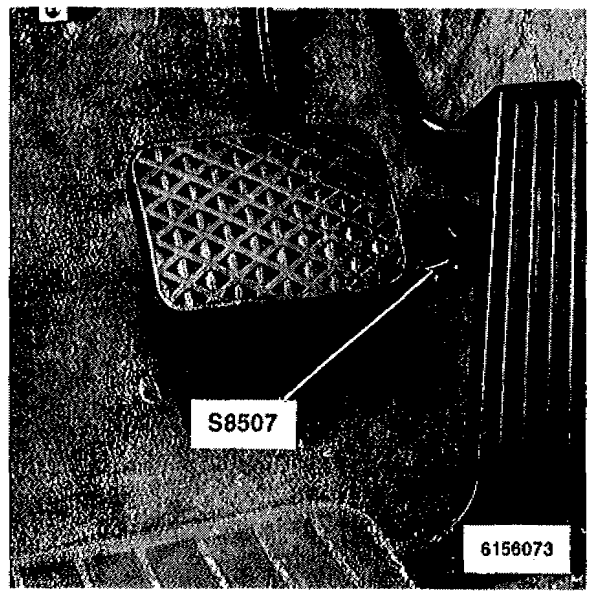


Figure 3- Below LH Side Of Dash

S8507 Transmission Kickdown Switch

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COMPONENT LOCATION VIEWS

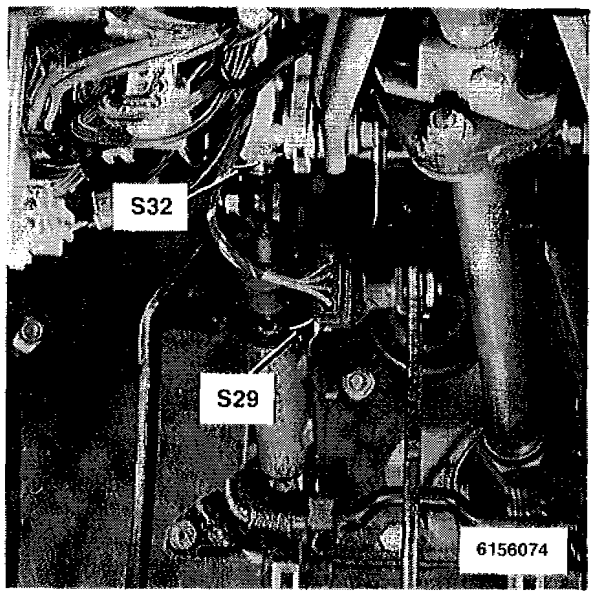


Figure 1- Below LH Side Of Dash

S29 Brake Light Switch
S32 Clutch Switch

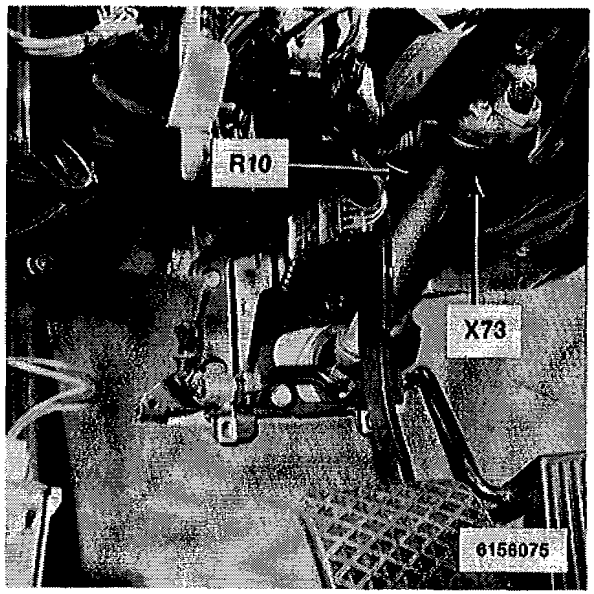


Figure 2- Below LH Side Of Dash

R10 Pedal Position Sensor
X73 Connector (8 pins) SW

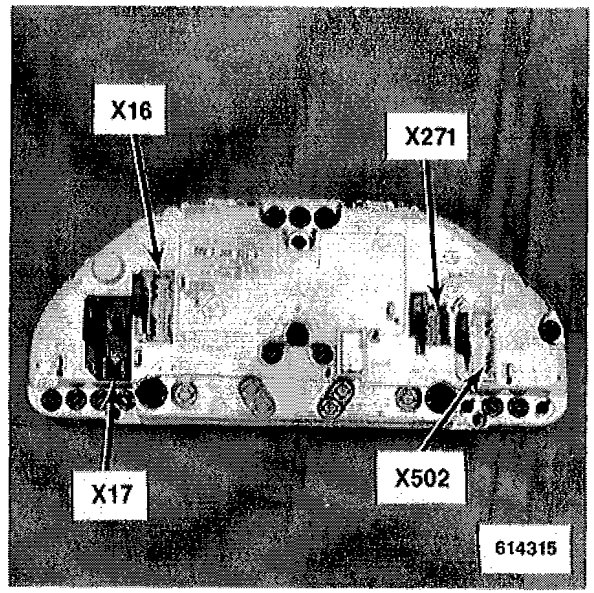


Figure 3- Rear Of Instrument Cluster

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

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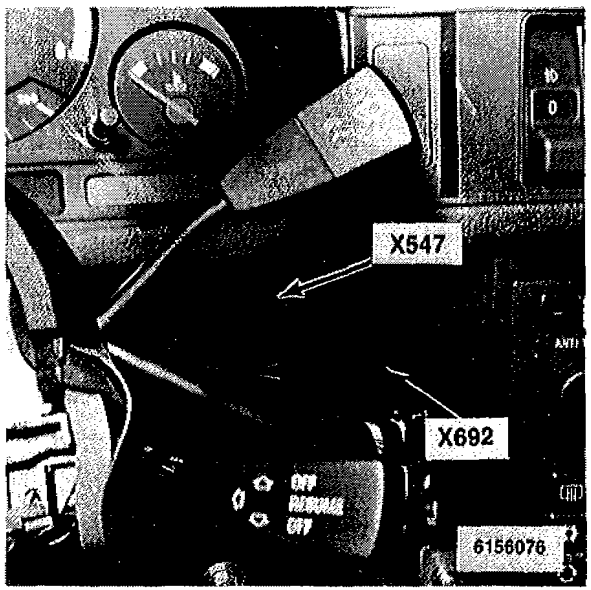


Figure 1- Right Of Steering Column

X547 Connector (2 pins) SW
X692 Connector (3 pins) SW

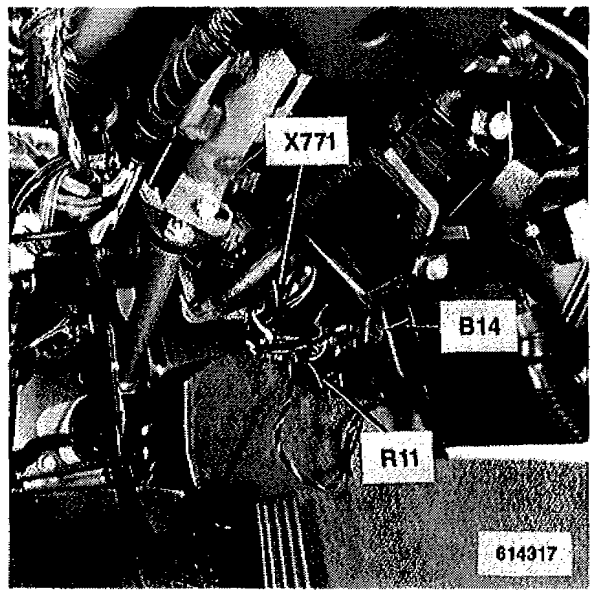


Figure 2- Below Center Of Dash, LH Side Of IHKR 2 Plenum

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

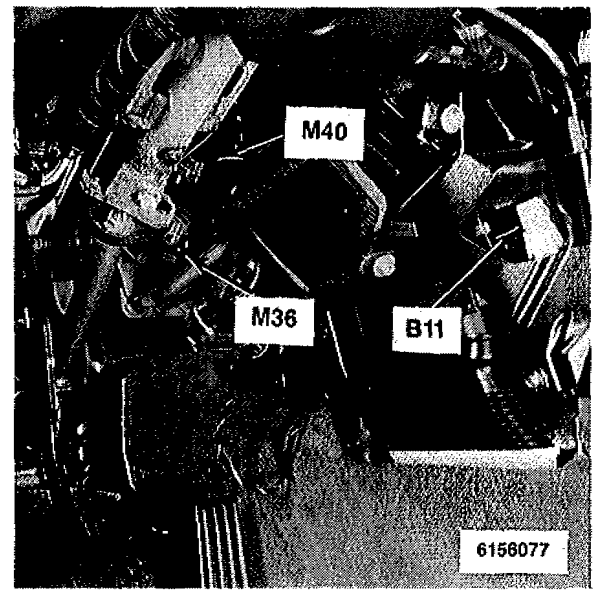


Figure 3- Below Center Of Dash, LH Side Of IHKR 2 Plenum

B11 Left Heat Exchanger Temperature Sensor
M36 Fresh Air Flap Motor
M40 Footwell Flap Motor

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

X381 Connector (LH) (2 pins) SW
X382 Connector (RH) (2 pins) SW

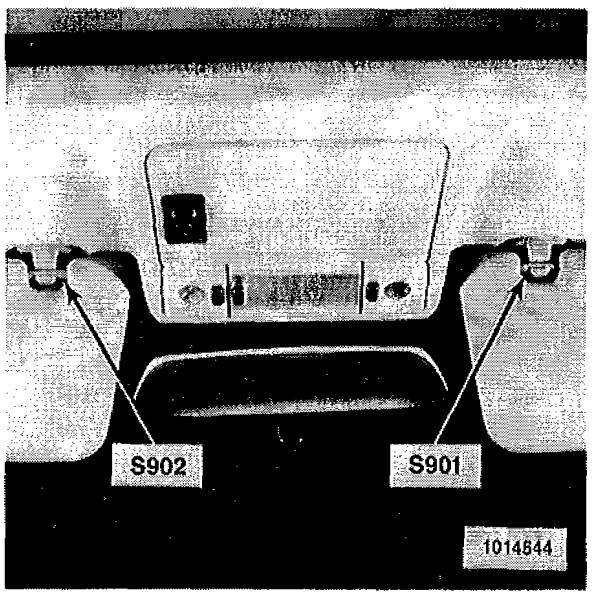


Figure 2- Center Of Windshield Header

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

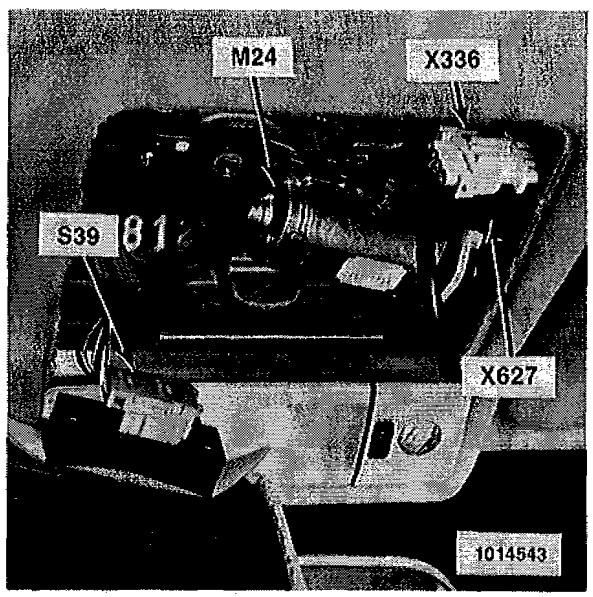


Figure 3- Center Of Windshield Header

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

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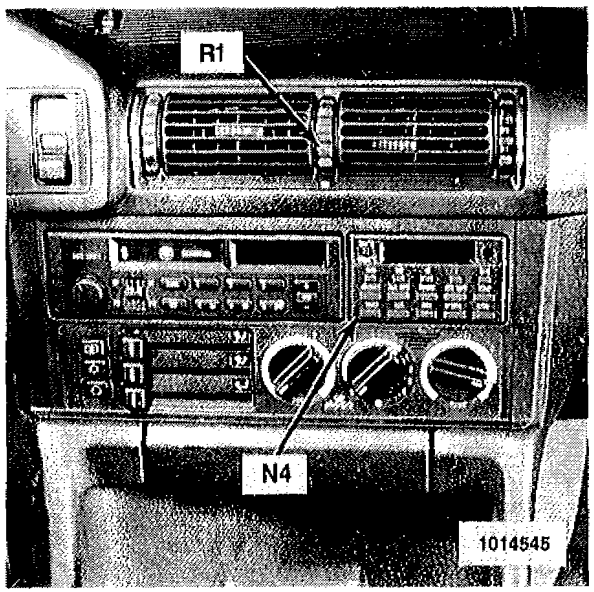


Figure 1- Center Of Dash

N4 On-Board Computer
R1 Temperature Distribution Potentiometer

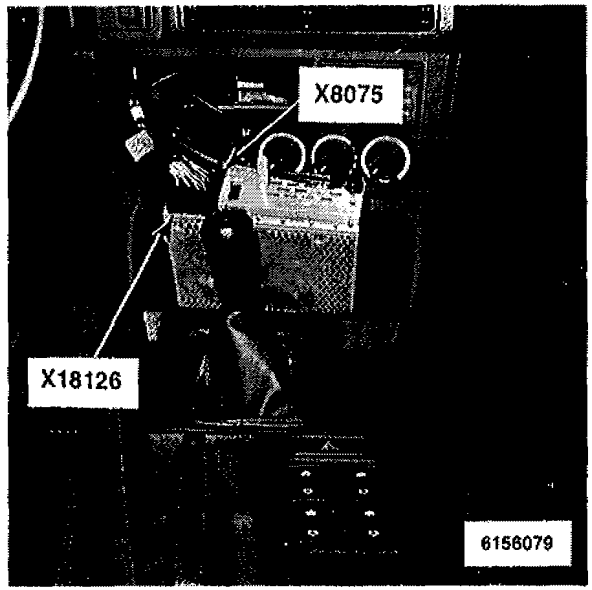


Figure 2- Behind Center Of Dash

X8075 Connector (10 pins) SW
X18126 Connector (16 pins) SW

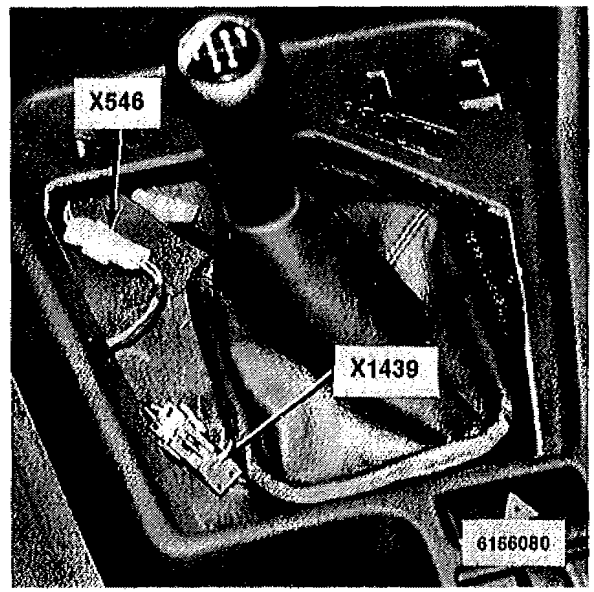


Figure 3- Below Center Of Console

X546 Connector (2 pins) WS
X1439 Connector (2 pins) SW

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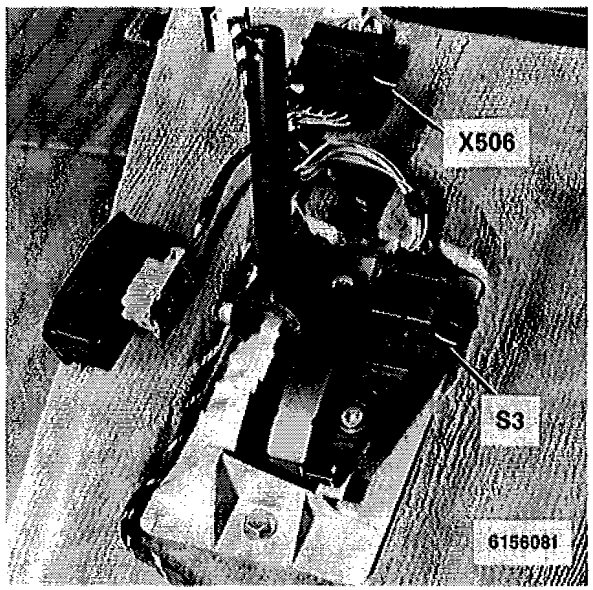


Figure 1- Below Center Console (Console Removed)

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

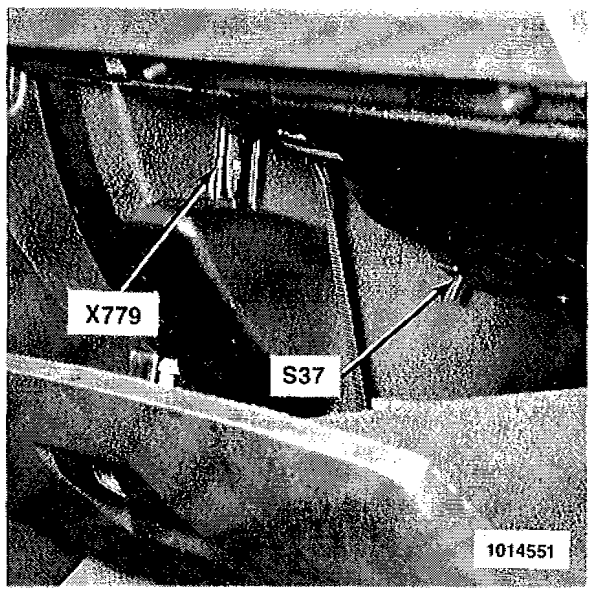


Figure 2- In LH Side Of Glove Box

S37 Glove Box Light Switch
X779 Charging Plug

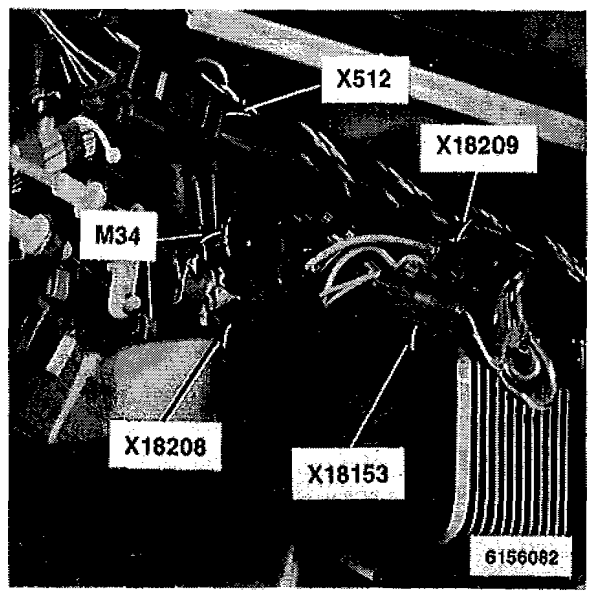


Figure 3- Below Center Of Dash, RH Side Of IHKR2 Plenum

M34 Dash Vent Mixing Flap Motor
X512 Connector (8 pins) SW
X18153 Connector (3 pins) SW
X18208 Connector (4 pins) SW
X18209 Connector (4 pins) SW

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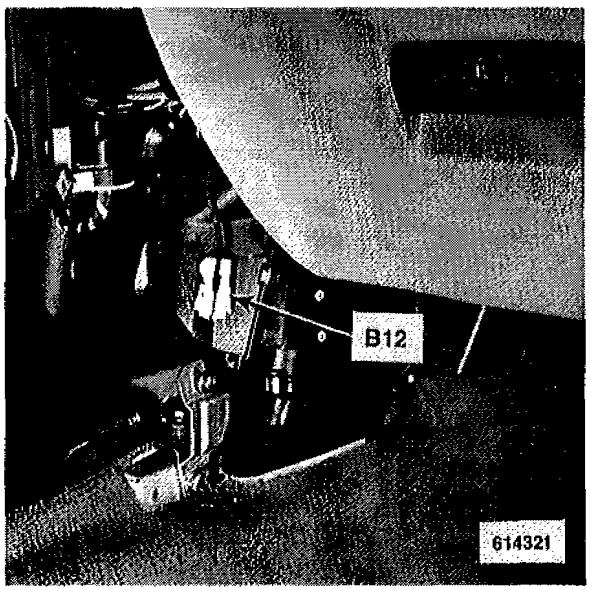


Figure 1- Below Center Of Dash, RH Side Of IHKR 2 Plenum

B12 Right Heat Exchanger Temperature Sensor

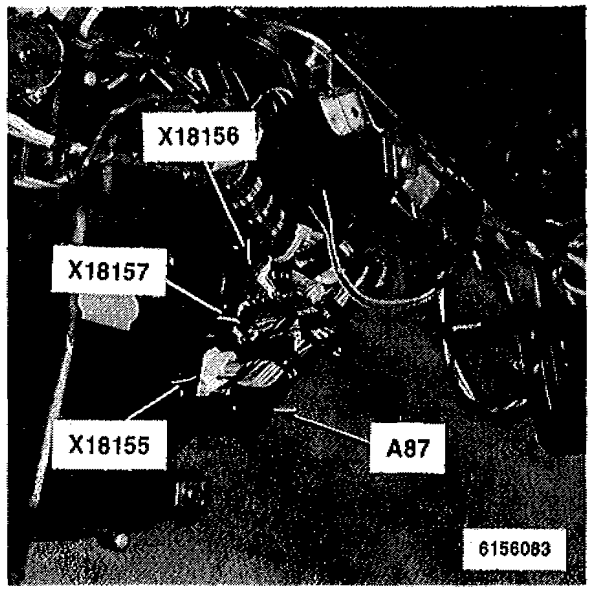


Figure 2- Below Center Of Dash, RH Side Of IHKR 2 Plenum

A87 Integrated Climate Regulation II Control Unit
X18155 Connector (26 pins) WS
X18156 Connector (26 pins) BL
X18157 Connector (26 pins) SW

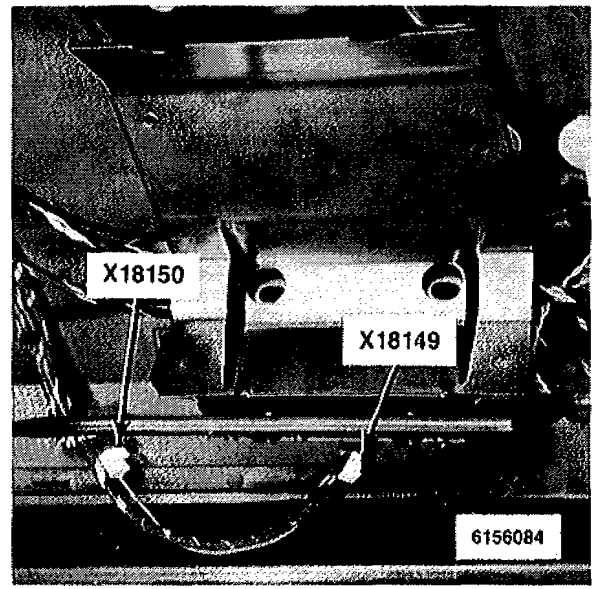


Figure 3- Behind Glove Box

X18149 Connector (1 pin) WS
X18150 Connector (1 pin) WS

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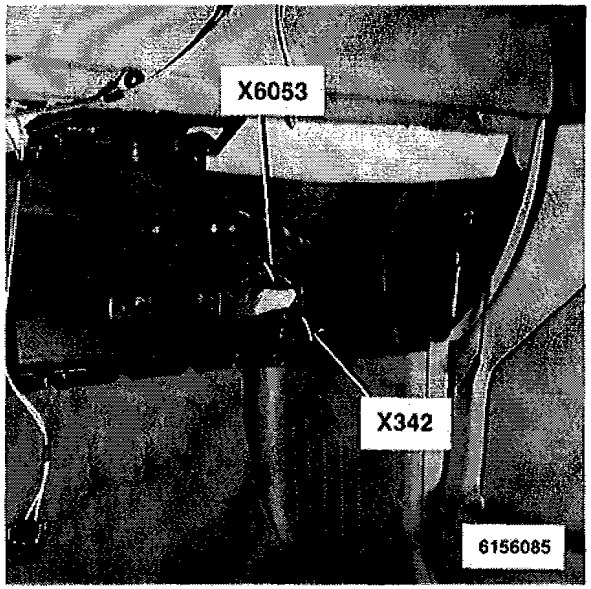


Figure 1- Behind RH Side Of Glove Box

X342 Connector (4 pins) WS
X6053 Connector (12 pins) SW

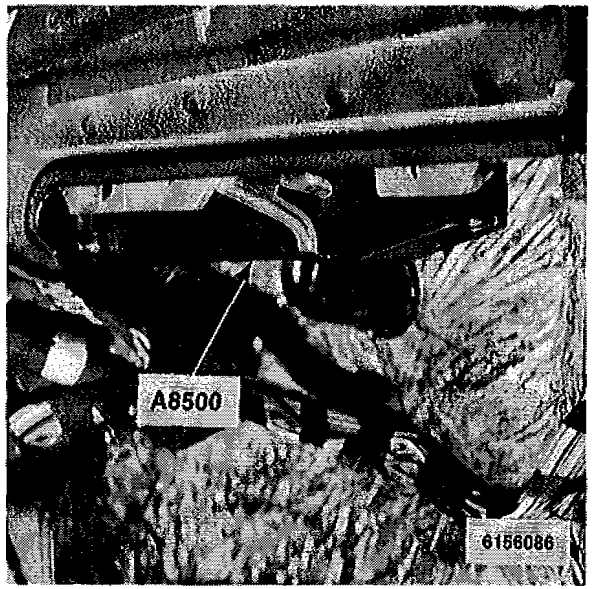


Figure 2- Inside RH Kick Panel

A8500 EGS Control Unit

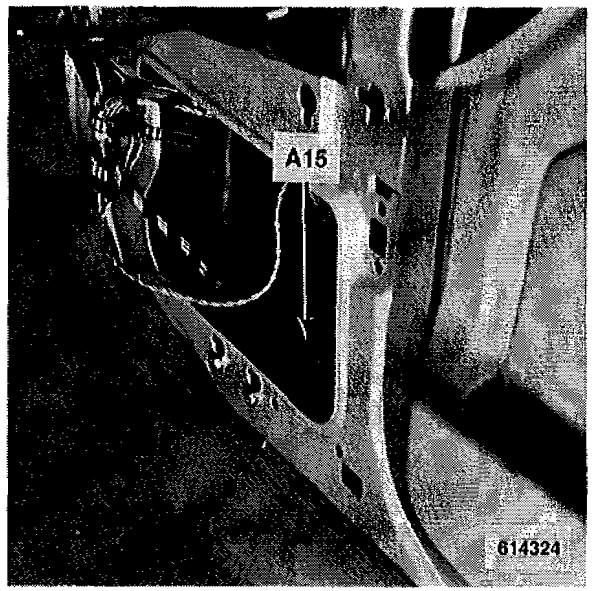


Figure 3- Inside RH Kick Panel

A15 Park Heating Ventilation Box

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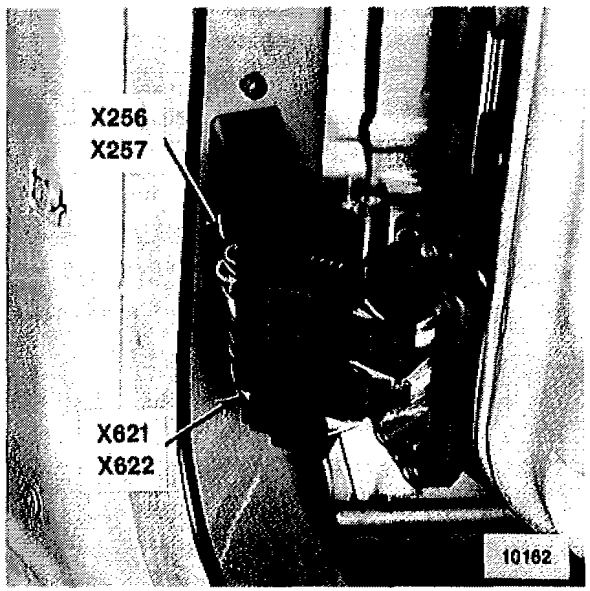


Figure 1- Front Of Passenger's Door Jamb (Driver's Similar)

X256 Connector (RH) (26 pins) SW
X257 Connector (LH) (26 pins) SW
X621 Connector (RH) (10 pins) SW
X622 Connector (LH) (10 pins) SW

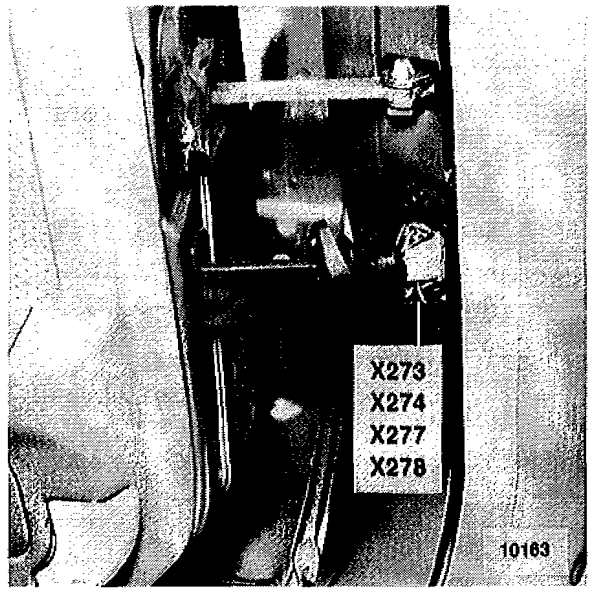


Figure 2- Front Of LH Rear Door Jamb (RH Rear Similar)

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

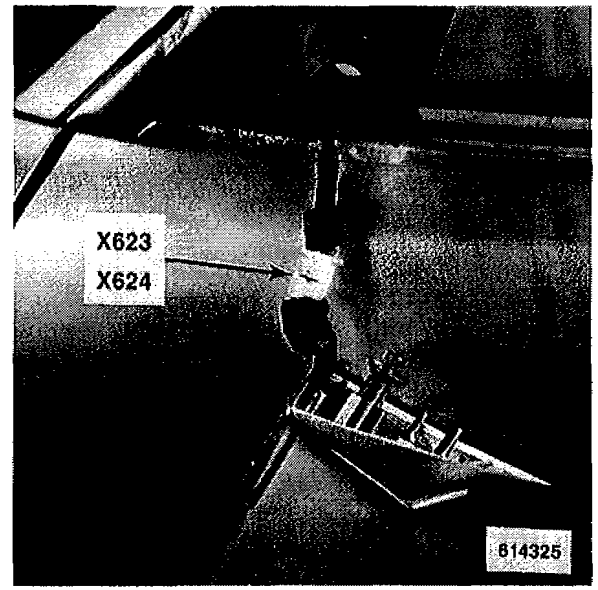


Figure 3- Top Front of Driver's Door (Passenger's Similar)

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

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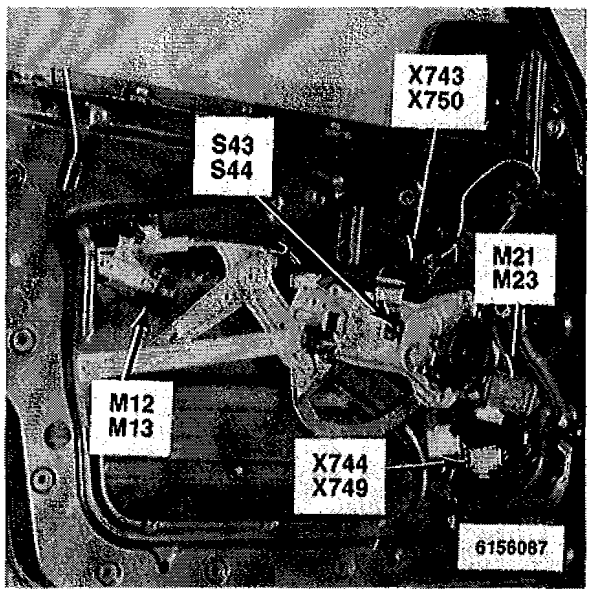


Figure 1- Behind Driver's Door Panel (Passenger's Similar)

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) GR
X749 Connector (2 pins) (LH) GR
X750 Connector (2 pins) (LH) SW

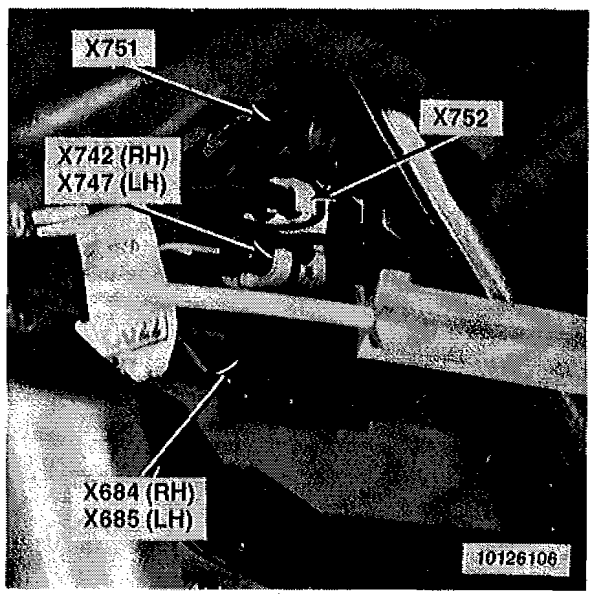


Figure 2- Inside Driver's Door (Passenger's Similar)

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) GR
X752 Connector (2 pins) WS

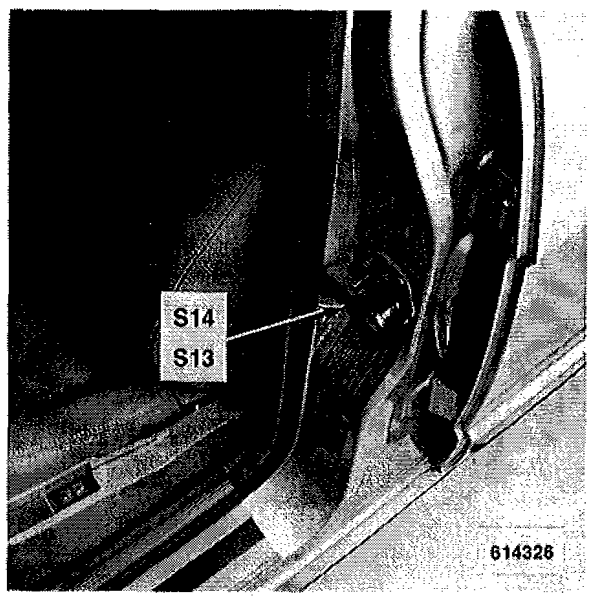


Figure 3- Rear Of Driver's Door Jamb (Passenger's Similar)

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

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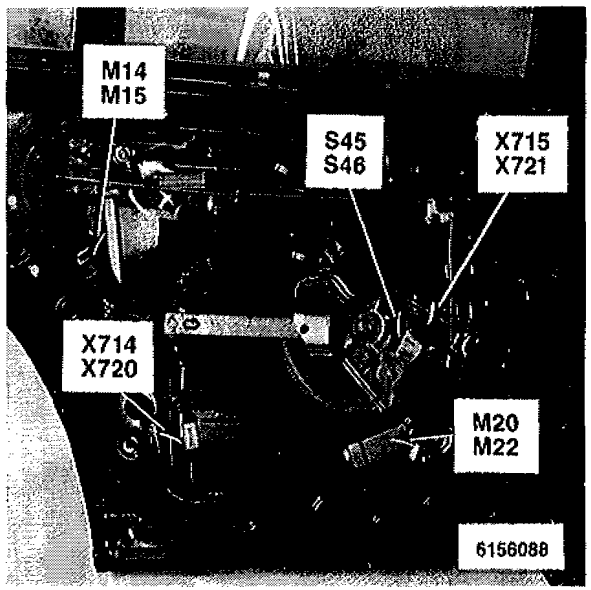


Figure 1- Behind LH Rear Door Panel (RH Rear Similar)

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) GR
X715 Connector (2 pins) (LH) SW
X720 Connector (2 pins) (RH) GR
X721 Connector (2 pins) (RH) SW

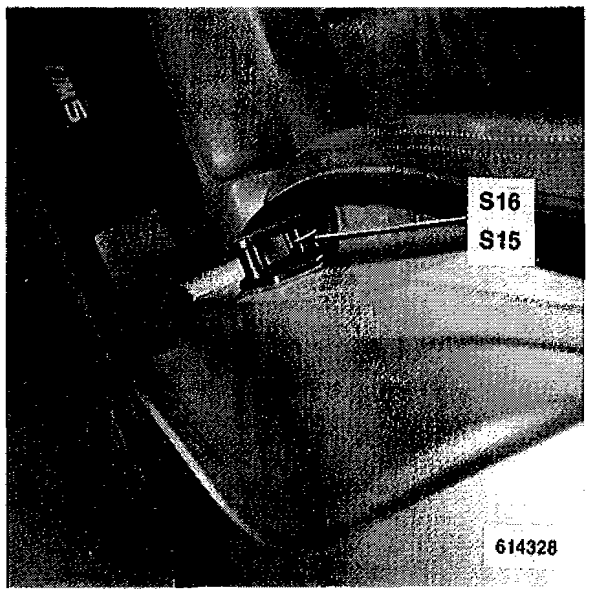


Figure 2- Rear Of LH Rear Door Jamb (RH Rear Similar)

S15 Right Rear Door Jamb Switch
S16 Left Rear Door Jamb Switch

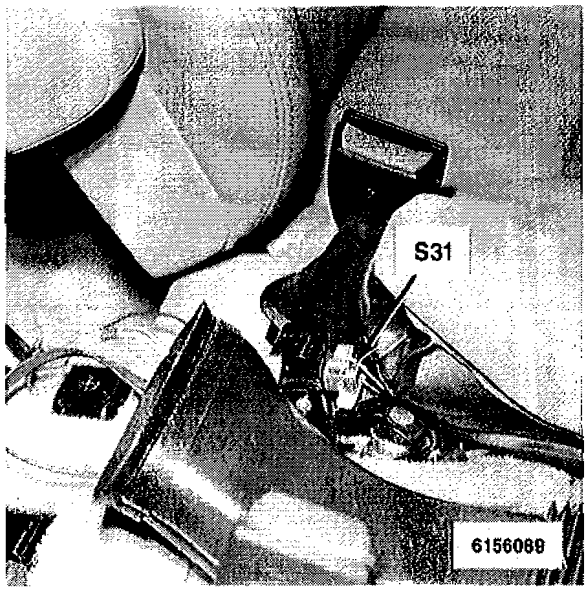


Figure 3- Below Rear Of Center Console

S31 Park Brake Switch

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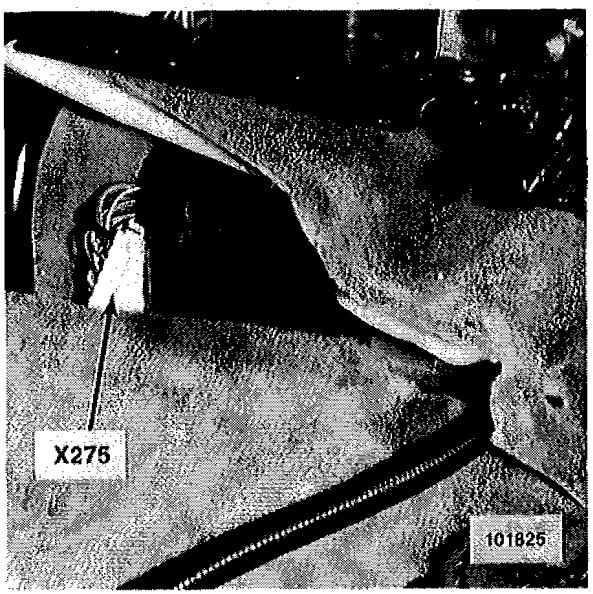


Figure 1- Under Driver's Seat (With Memory)

X275 Connector (12 pins) WS

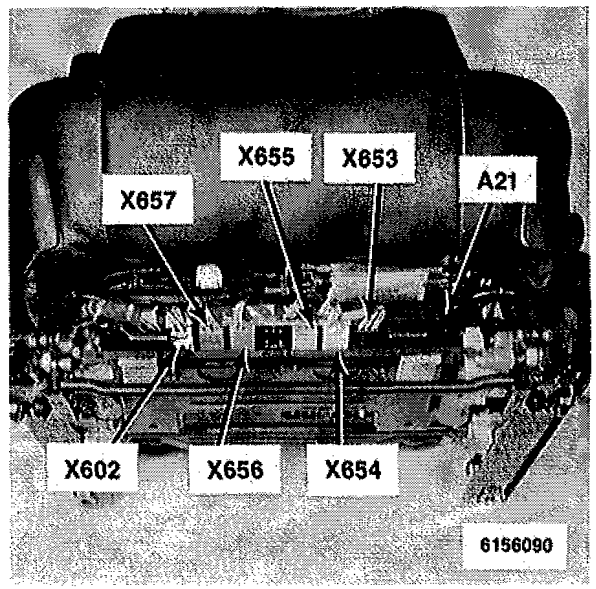


Figure 2- Under Driver's Seat

A21 Memory Seat/Mirrors Control Unit
X602 Connector (26 pins) WS
X653 Connector (6 pins) SW
X654 Connector (6 pins) WS
X655 Connector (6 pins) BL
X656 Connector (6 pins) GN
X657 Connector (6 pins) BN

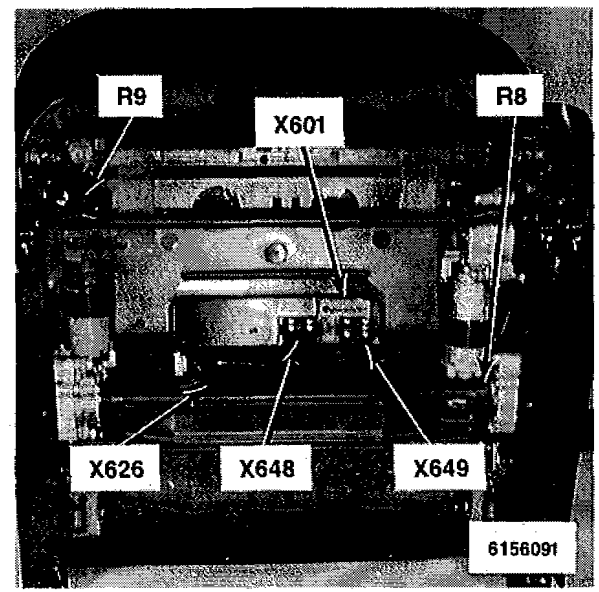


Figure 3- Under Driver's Seat

R8 Seat Cushion Rear Height Potentiometer
R9 Seat Cushion Movement Potentiometer
X601 Connector (26 pins) GE
X626 Connector (8 pins) SW
X648 Connector (6 pins) SW
X649 Connector (6 pins) WS

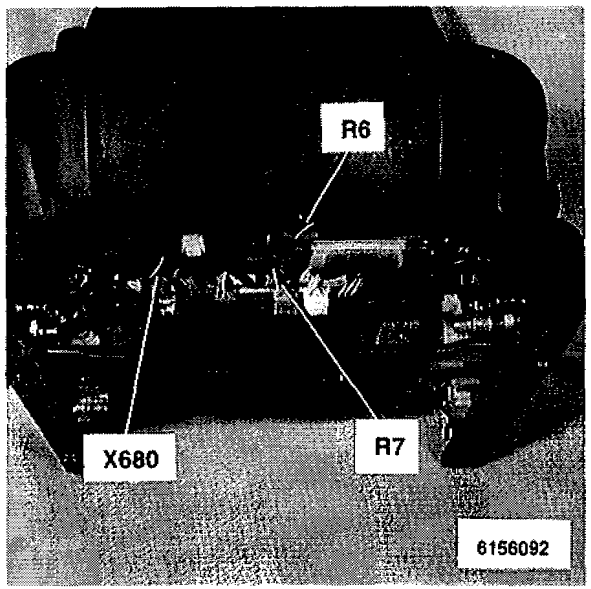


Figure 1- Under Front Of Driver's Seat

R6 Seat Height Potentiometer (Behind)
R7 Seat Back Potentiometer
X680 Connector (3 pins) SW

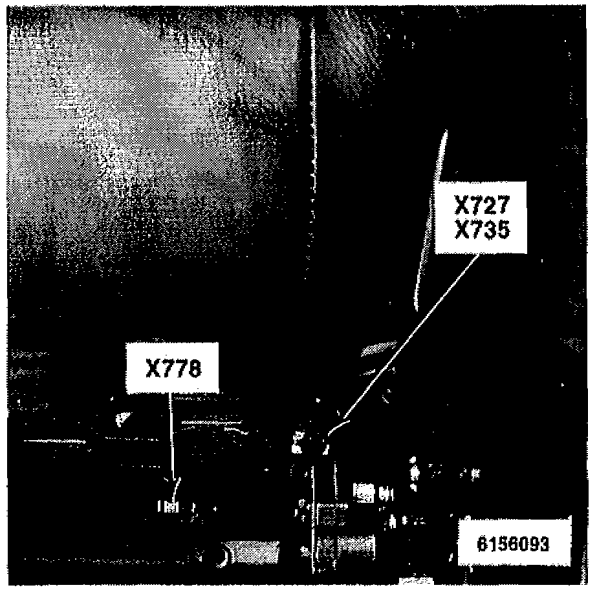


Figure 2- Under Front Of Driver's Seat (Passenger's Similar)

X727 Connector (2 pins) (LH) SW
X735 Connector (2 pins) (RH) SW
X778 Connector (2 pins) (LH) SW

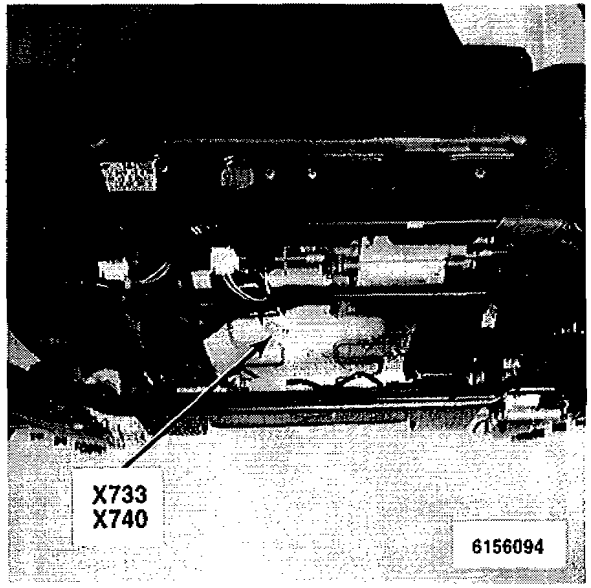


Figure 3- Under Driver's Seat (Passenger's Similar)

X733 Connector (2 pins) (LH) WS
X740 Connector (2 pins) (RH) WS

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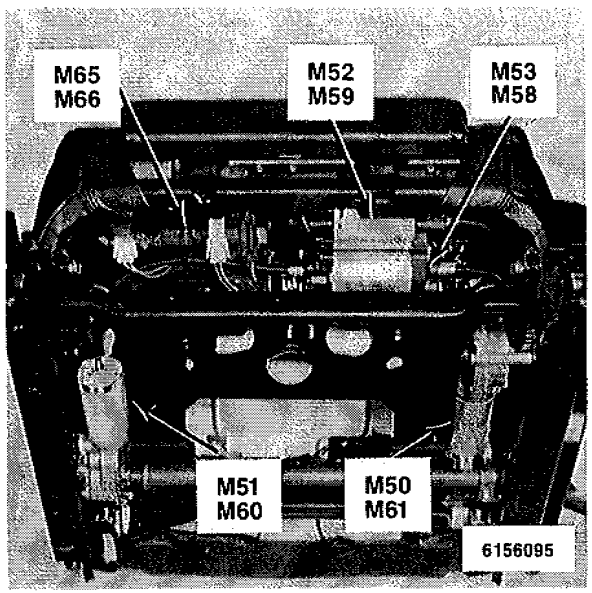


Figure 1- Under Driver's Seat (Passenger's Similar)

M50 Driver's Seat Cushion Tilt Motor
M51 Driver's Seat Movement Motor
M52 Driver's Seat Height Motor
M53 Driver's Seatback Recliner Motor
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
M65 Driver's Thigh Support Motor
M66 Passenger's Thigh Support Motor

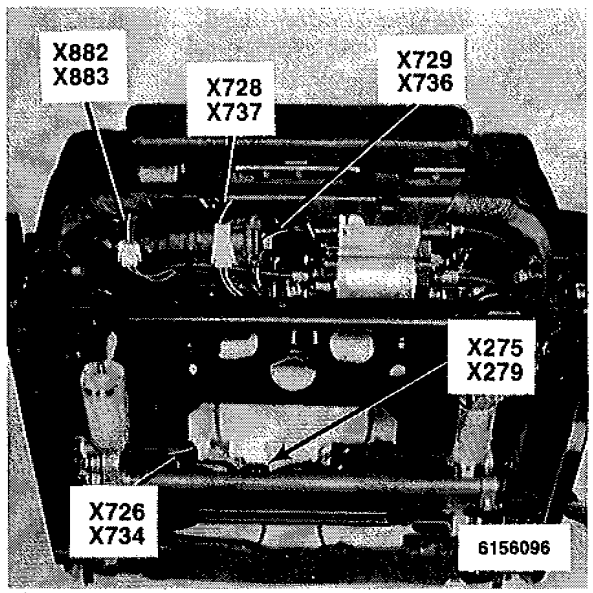


Figure 2- Under Driver's Seat (Passenger's Similar)

X275 Connector (12 pins) (LH) WS
X279 Connector (12 pins) (RH) WS
X726 Connector (2 pins) (LH) WS
X728 Connector (2 pins) (LH) WS
X729 Connector (2 pins) (LH) SW
X734 Connector (2 pins) (RH) WS
X736 Connector (2 pins) (RH) SW
X737 Connector (2 pins) (RH) WS
X882 Connector (2 pins) (LH) WS
X883 Connector (2 pins) (RH) WS

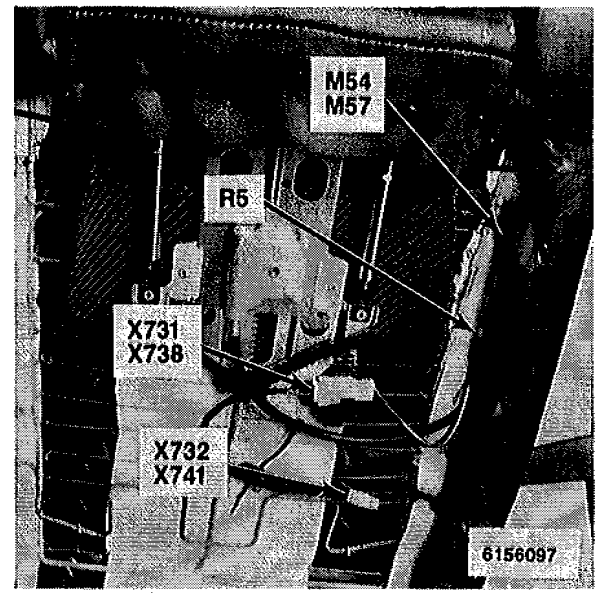


Figure 3- Inside Back Of Driver's Seat (Passenger's Similar)

M54 Driver's Seat Headrest Motor
M57 Passenger's Seat Headrest Motor
R5 Headrest Potentiometer
X731 Connector (2 pins) (LH) WS
X732 Connector (2 pins) (LH) WS
X738 Connector (2 pins) (RH) WS
X741 Connector (2 pins) (RH) WS

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CONNECTOR VIEWS

FIG. 1

B080002.00

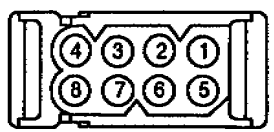


FIG. 2

B080004.00

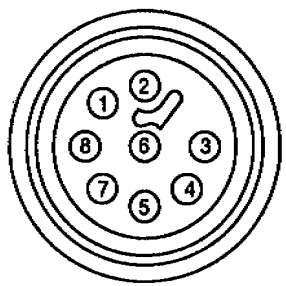


FIG. 3

B030001.00

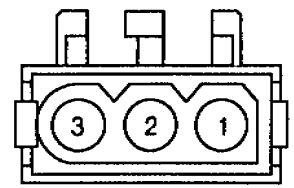


FIG. 4

B090006.00

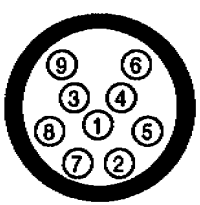


FIG. 5

B030015.00

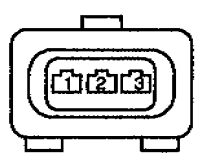
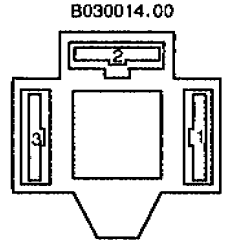


FIG. 6

B030014.00



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CONNECTOR VIEWS

FIG. 1

B060017.00

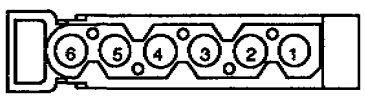


FIG. 2

B030004.00



FIG. 3

B030013.00

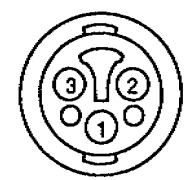


FIG. 4

B030005.00

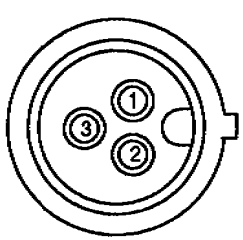


FIG. 5

B030012.00

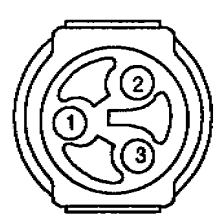
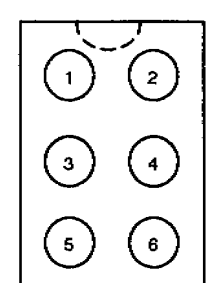


FIG. 6

B060022.00



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CONNECTOR VIEWS

FIG. 1

B030003.04

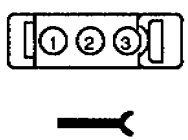


FIG. 2

B050005.00

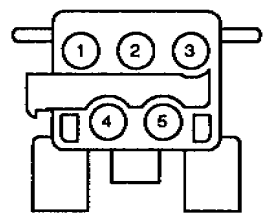


FIG. 3

B0300010.00

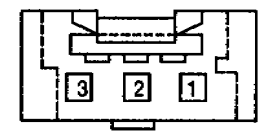


FIG. 4

B060002.00

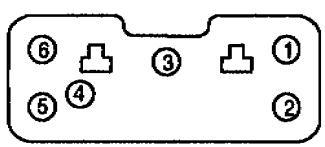


FIG. 5

B060002.00

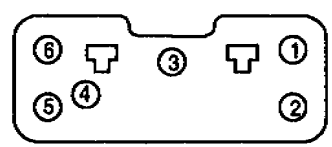
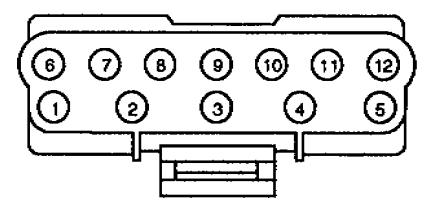


FIG. 6

B120006.00



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CONNECTOR VIEWS

FIG. 1

B060006.00

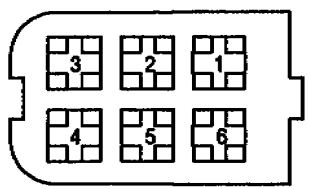


FIG. 2

B050003.00

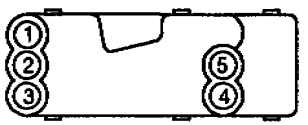


FIG. 3

B040004.00

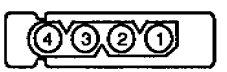


FIG. 4

B04009.00

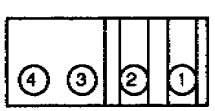


FIG. 5

B040002.00

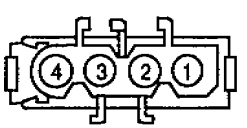
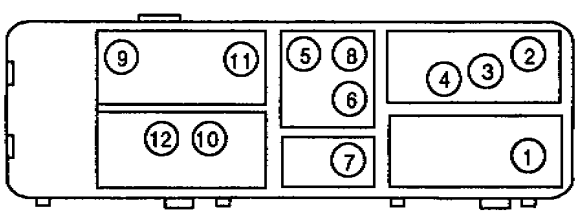


FIG. 6

B120008.00



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CONNECTOR VIEWS

FIG. 1

B100002.00

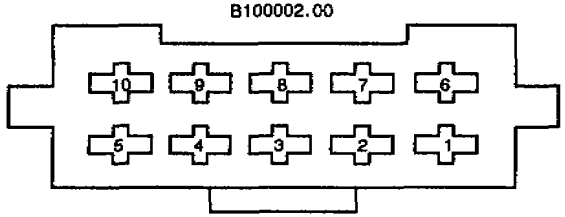


FIG. 2

B120009.00

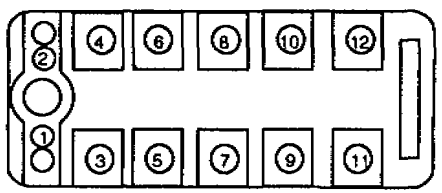


FIG. 3

B080006.00

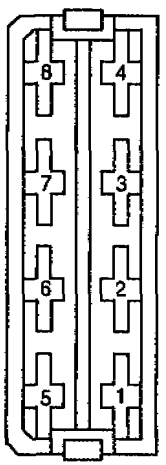


FIG. 4

B060013.00

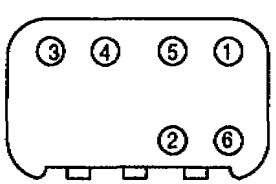


FIG. 5

B030009.00

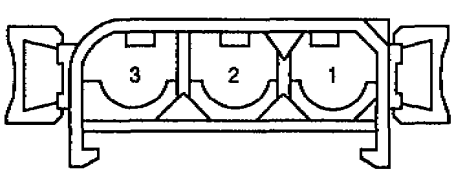
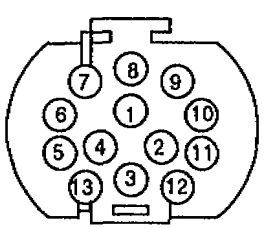


FIG. 6

B130002.00



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CONNECTOR VIEWS

FIG. 1

B210002.00

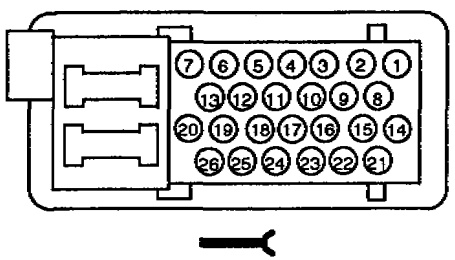


FIG. 2

B120011.00

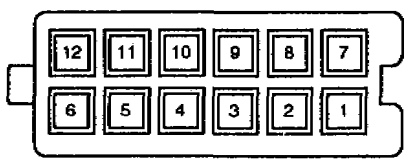


FIG. 3

B120011.00

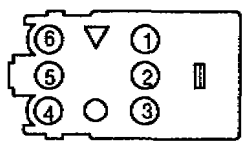


FIG. 4

B200001.00

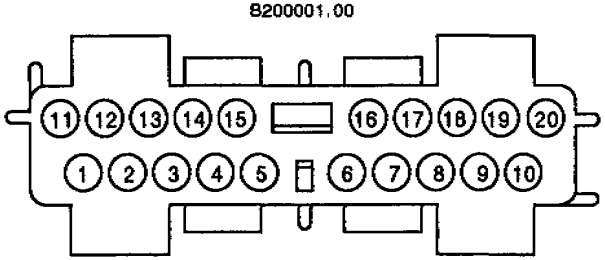


FIG. 5

B120005.00

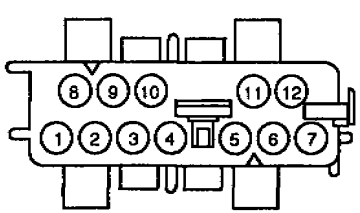
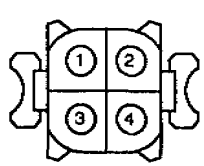


FIG. 6

B040010.00



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CONNECTOR VIEWS

FIG. 1

B180000.00

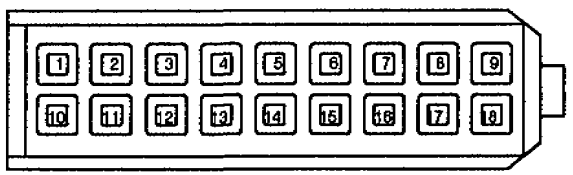


FIG. 2

B060023.00

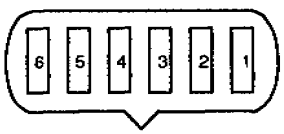


FIG. 3

B060016.00

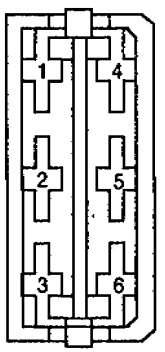


FIG. 4

B060009.00

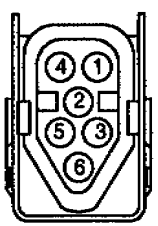


FIG. 5

B030018.00

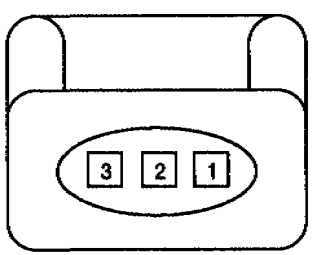
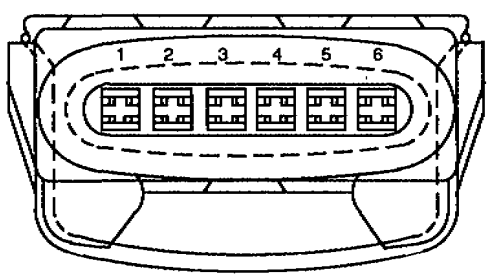


FIG. 6

B060030.00



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CONNECTOR VIEWS

FIG. 1

B170001.00

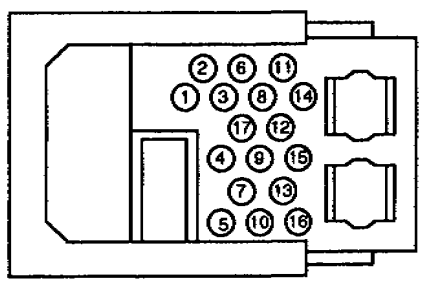


FIG. 2

B060011.00

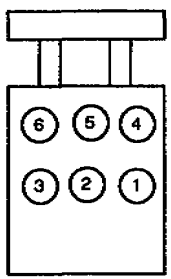


FIG. 3

B030016.00

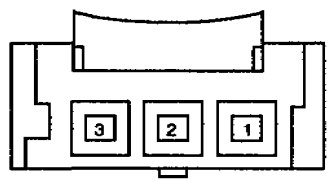


FIG. 4

B060010.01

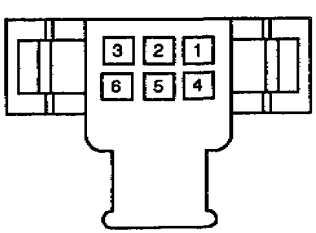


FIG. 5

B040013

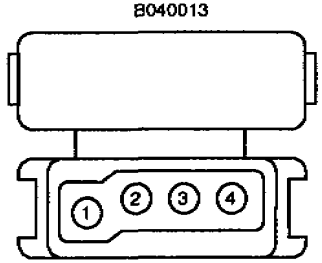
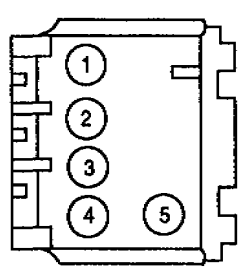


FIG. 6

B050002.00



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FIG. 1

B880001.00

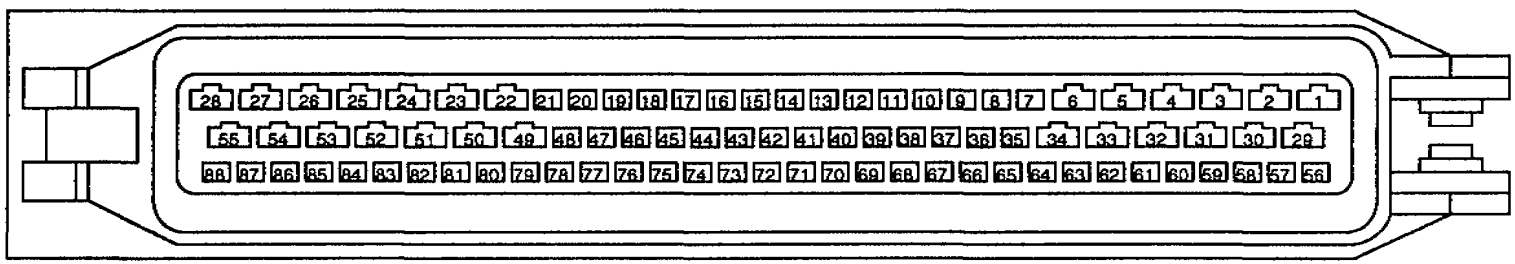


FIG. 2

B080005.00

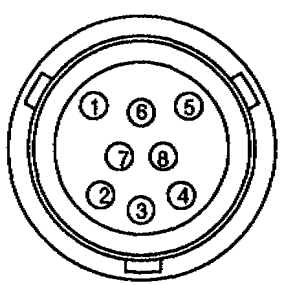


FIG. 3

B150003.00

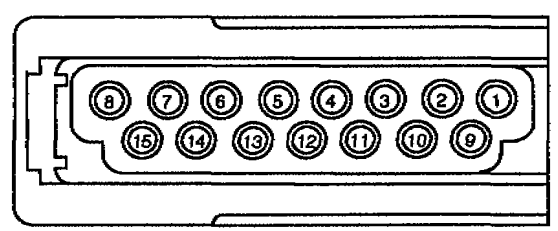
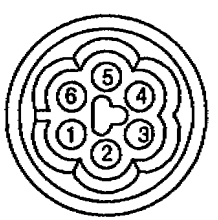


FIG. 4

B060014.00



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CONNECTOR VIEWS

FIG. 1

B070005.00

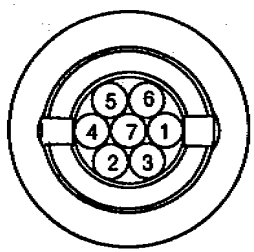


FIG. 2

B080001.00

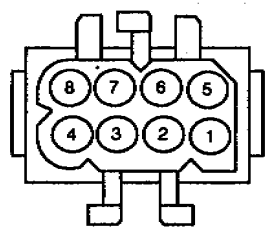


FIG. 3

B040018

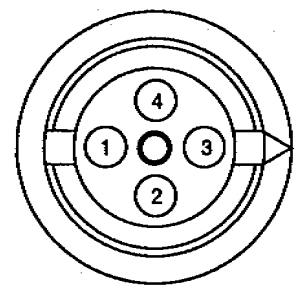


FIG. 4

B030015.08

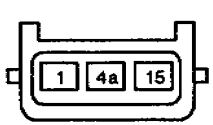


FIG. 5

B100000.00

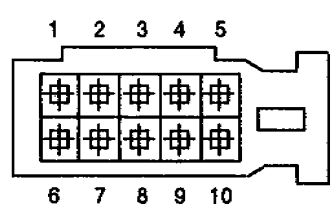


FIG. 6

B030015.08



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