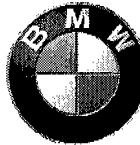


**1995**  
**BMW**  
**525i, 525it, 530i,  
530it, 540i (E34)**  
**Electrical**  
**Troubleshooting**  
**Manual**

Vehicles Produced 5/94 to 12/95



## ELECTRICAL TROUBLESHOOTING MANUAL

### 5 SERIES - E34 (525i/t, 530i/t, 540i)

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#### MODEL YEAR 1995

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MULTI-FUNCTION CLOCK, N10 .....	6213.2-00
NORMAL SPEED RELAY, K21 .....	6454.0-00
OIL LEVEL SENSOR, B6230 .....	6200.0-12
OIL PRESSURE SWITCH, B6231 .....	1290.0-00
OIL PRESSURE SWITCH, B6231 .....	6200.0-02
ON-BOARD COMPUTER (BCIV) .....	6581.0-00
ON-BOARD COMPUTER HORN RELAY, K91 .....	6575.2-00
ON-BOARD COMPUTER HORN RELAY, K91 .....	6581.0-01
ON-BOARD COMPUTER TEMPERATURE SENSOR, B21 .....	6213.2-00
ON-BOARD COMPUTER, N4 .....	6581.0-00
OUTSIDE TEMPERATURE SENSOR, B13 .....	6450.5-03
OXYGEN SENSOR RELAY, K6303 .....	1210.11-05
OXYGEN SENSOR RELAY, K6303 .....	1210.13-04
PARK BRAKE SWITCH, S31 .....	6200.0-00

PARK HEATING/VENTILATION RELAY BOX, A15 .....	6412.19-00
PARK LIGHT RELAY, LEFT, K26 .....	6314.0-00
PARK LIGHT, LEFT, E15 .....	6314.0-01
PARK LIGHT, RIGHT, E19 .....	6314.0-01
PARK LIGHT/LICENSE PLATE LIGHT RELAY, RIGHT, K25 .....	6314.0-00
PARK LIGHT/LICENSE PLATE LIGHT RELAY, RIGHT, K25 .....	6320.0-00
PARK VENTILATION WITH IHKR/F3 .....	6412.19-00
PARK/TAIL/UNDERHOOD LIGHTS .....	6314.0-00
POWER DISTRIBUTION .....	0670.2-00
POWER DISTRIBUTION CHART .....	0670.0-00
POWER MIRRORS .....	5116.0-00
POWER SEATS .....	5200.0-00
PRESSURE SWITCH, B8y .....	6450.5-05
PRESSURE SWITCH, B8y .....	6450.5-05
PRESSURE SWITCH, B8y .....	6454.0-01
PRESSURE SWITCH, B9508 .....	6450.5-05
PRESSURE SWITCH, B9508 .....	6454.0-00
PRESSURE SWITCH, B9y .....	6454.0-00
PROGRAM SWITCH, S8503 .....	2460.2-02
PROGRAM SWITCH, S8503 .....	2460.7-02
PROGRAM SWITCH, S8503 .....	2460.8-02
QUARTER WINDOW SWITCH (DWA), LEFT REAR, R21 .....	6575.3-06
QUARTER WINDOW SWITCH (DWA), RIGHT REAR R22 .....	6575.3-06
RADIO PROVISIONS .....	6510.2-00
RADIO, N9 .....	6510.1-00
RADIO/HIFI .....	6510.1-00
REAR DEFOGGER I, E9 .....	6424.0-00
REAR DEFOGGER RELAY, K13 .....	6424.0-00
REAR DEFOGGER/ANTENNA, E10 .....	6424.0-00
REAR LID/REAR WINDOW SERVO OPENING MODULE, K70w .....	5126.0-07
REAR POWER DISTRIBUTION BOX, P91 .....	0670.2-07

REAR RIGHT DOOR JAMB SWITCH, S15 .....	6330.0-00	SEAT OCCUPANCY DETECTOR, A113 .....	3234.0-00
REAR WINDOW DEFOGGER/ANTENNA .....	6424.0-00	SEAT/MIRROR MEMORY CONTROL MODULE, A21 .....	5200.1-00
REAR WINDOW LIMIT SWITCH, S170 .....	5126.0-07	SEAT/MIRROR MEMORY SYSTEM (SM/SPM) .....	5200.1-00
REAR WINDOW MOTOR, M96 .....	5126.0-07	SEATBACK HEATER, DRIVER'S, E56 .....	5203.0-00
REAR WINDOW OPENING SWITCH, S147 .....	6162.0-01	SEATBACK HEATER, PASSENGER'S, E59 .....	5203.0-00
REAR WINDOW WASHER PUMP, M95 .....	6162.0-01	SEATBACK POTENTIOMETER, R7 .....	5200.1-03
REAR WINDOW WIPER MOTOR, M94 .....	6162.0-01	SEATBACK RECLINER MOTOR, DRIVER'S, M53 .....	5200.0-00
REAR WINDOW WIPER/WASHER CONTROL .....	6162.0-00	SEATBACK RECLINER MOTOR, PASSENGER'S, M58 .....	5200.0-03
REAR WIPER/WASHER FLUID LEVEL SWITCH, S176 .....	6200.0-11	SECONDARY AIR PUMP RELAY, K6304 .....	1210.11-11
REAR WIPER/WASHER INTERVAL CONTROL MODULE, A36 .....	6162.0-00	SECONDARY AIR PUMP VALVE, B6163 .....	1210.11-11
RECIRCULATION FLAP MOTOR, M40 .....	6450.5-04	SECONDARY AIR PUMP, M63 .....	1210.11-11
RELAY MODULE, A5 .....	6100.0-05	SHIFT LOCK, S8522 .....	2460.2-06
REMOTE LOCKING RECEIVER, N13y .....	6610.0-00	SHIFT LOCK, Y8522 .....	2460.7-03
RESISTOR, R6240 .....	0670.4-24	SIDE MEMORY MIRROR, DRIVER'S, Y9 .....	5200.1-07
RESISTOR, R6240 .....	0670.4-27	SIDE MEMORY MIRROR, PASSENGER'S, Y10 .....	5200.1-08
REVERSING LIGHT SWITCH, S8524 .....	6322.0-00	SIDE MIRROR, DRIVER'S, Y5 .....	5116.0-01
SEAT BELT SWITCH, DRIVER'S, S58 .....	3234.0-01	SIDE MIRROR, PASSENGER'S, Y6 .....	5116.0-01
SEAT BELT SWITCH, PASSENGER'S, S59 .....	3234.0-01	SLIP CONTROL (ABS) .....	3450.0-00
SEAT CONTROL SWITCH, DRIVER'S SEAT, S51 .....	5200.0-00	SLIP CONTROL 5 (ASC 5) .....	3450.5-00
SEAT CONTROL SWITCH, PASSENGER'S SEAT, S56 .....	5200.0-02	SLIP CONTROL MODULE (ABS), A7 .....	3450.0-00
SEAT CUSHION MOVEMENT POTENTIOMETER, R9 .....	5200.1-02	SLIP CONTROL MODULE (ABS/ASC), A52 .....	3450.5-00
SEAT CUSHION REAR HEIGHT POTENTIOMETER, R8 .....	5200.1-02	SPEAKER, LEFT FRONT, H41 .....	6561.1-00
SEAT CUSHION TILT MOTOR, DRIVER'S, M50 .....	5200.0-01	SPEED SENSOR - ABS, LEFT REAR, B4 .....	3450.0-04
SEAT CUSHION TILT MOTOR, PASSENGER'S, M61 .....	5200.0-02	SPEED SENSOR - ABS, LEFT FRONT, B2 .....	3450.0-04
SEAT HEADREST MOTOR, PASSENGER'S, M57 .....	5200.0-03	SPEED SENSOR - ABS, LEFT FRONT, B2 .....	3450.5-06
SEAT HEATER SWITCH, DRIVER'S SEAT, S53 .....	5203.0-00	SPEED SENSOR - ABS, LEFT REAR, B4 .....	3450.5-06
SEAT HEATER SWITCH, PASSENGER'S SEAT, S54 .....	5203.0-00	SPEED SENSOR - ABS, RIGHT FRONT, B1 .....	3450.0-04
SEAT HEATER, DRIVER'S, E57 .....	5203.0-00	SPEED SENSOR - ABS, RIGHT FRONT, B1 .....	3450.5-06
SEAT HEATER, PASSENGER'S, E58 .....	5203.0-00	SPEED SENSOR - ABS, RIGHT REAR, B3 .....	3450.0-04
SEAT HEIGHT MOTOR, DRIVER'S, M52 .....	5200.0-00	SPEED SENSOR - ABS, RIGHT REAR, B3 .....	3450.5-06
SEAT HEIGHT POTENTIOMETER, R6 .....	5200.1-03	SPLICE LOCATION VIEWS .....	8000.0-00
SEAT LUMBAR SUPPORT MOTOR, DRIVER'S, M55 .....	5212.0-00	START .....	1240.0-00
SEAT LUMBAR SWITCH, DRIVER'S, S52 .....	5212.0-00	STARTER IMMobilIZATION RELAY, K1w .....	1240.0-01
SEAT MOVEMENT MOTOR, DRIVER'S, M51 .....	5200.0-01	STARTER, M6510 .....	1240.0-01
		STEERING COLUMN LENGTH ADJUST MOTOR, M82 .....	3231.0-00

STEERING COLUMN POSITION SWITCH, S119z .....	3231.0-00
SUNROOF MOTOR, M24 .....	5410.0-03
SUNROOF POSITION SWITCH, S39 .....	5410.0-02
SUNROOF SWITCH, S38 .....	5410.0-02
SUNROOF SWITCH, S38 .....	5410.2-01
SUPPLEMENTAL RESTRAINT SYSTEM	
CONTROL MODULE, A12 .....	3234.0-00
SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG) .....	3234.0-00
SUPPRESSION FILTER, C900 .....	6424.0-01
SYMBOLS .....	0140.0-00
TAIL LIGHT, LEFT, H25 .....	6314.0-01
TAIL LIGHT, RIGHT, H30 .....	6314.0-01
TELEPHONE HANDSET, U4 .....	6561.0-01
TELEPHONE INTERFACE US, A192 .....	6561.0-01
TELEPHONE TRANSCEIVER, H38 .....	6561.0-00
TEMPERATURE SWITCH, B6235 .....	1290.0-00
TEMPERATURE SWITCH, S36 .....	6454.0-00
THIGH SUPPORT MOTOR, DRIVER'S, M65 .....	5200.0-04
THIGH SUPPORT MOTOR, PASSENGER'S, M66 .....	5200.0-04
THIGH SUPPORT POTENTIOMETER, R15 .....	5200.0-06
THIGH SUPPORT SWITCH, DRIVER'S, S93 .....	5200.0-04
THIGH SUPPORT SWITCH, PASSENGER'S, S94 .....	5200.0-04
THROTTLE FLAP HEATER, E104 .....	3450.5-04
THROTTLE POSITION SENSOR, R6252 .....	1210.11-06
THROTTLE POSITION SENSOR, R6252 .....	1210.13-05
TRANSMISSION CONTROL MODULE (AGS), A8600 .....	2460.7-00
TRANSMISSION CONTROL MODULE (AGS), A8600 .....	2460.8-00
TRANSMISSION CONTROL MODULE (EGS), A8500 .....	2460.2-00
TRANSMISSION POSITION INDICATOR LIGHT, E82 .....	6300.0-03
TRANSMISSION VALVE UNIT, Y8505 .....	2460.2-01
TRANSMISSION VALVE UNIT, Y8505w .....	2460.7-01
TRANSMISSION VALVE UNIT, Y8505w .....	2460.8-01
TRANSMITTER MODULE (EWS II), A835 .....	6135.0-01
TRUNK COMPARTMENT LIGHT, E32 .....	6320.0-01
TRUNK LID LIGHT, E33w .....	6320.0-02

TRUNK LID SWITCH, S61 .....	6320.0-01
TRUNK LIGHT ASSEMBLY, LEFT, E46 .....	6320.0-01
TRUNK LIGHT ASSEMBLY, RIGHT, E47 .....	6320.0-01
TRUNK LIGHT, LEFT H90 .....	6320.0-01
TRUNK LIGHT, RIGHT, H91 .....	6320.0-01
TRUNK LOCK MOTOR, M17 .....	5126.0-05
TURN LIGHT, LEFT FRONT, H7 .....	6313.0-02
TURN LIGHT, LEFT REAR, H6 .....	6313.0-02
TURN LIGHT, RIGHT FRONT, H4 .....	6313.0-02
TURN LIGHT, RIGHT REAR, H5 .....	6313.0-02
TURN/HAZARD LIGHTS .....	6313.0-00
UNLOADER RELAY, TERMINAL 15, K9 .....	0670.2-06
UNLOADER RELAY, TERMINAL 61, K61 .....	1230.0-00
UNLOADER RELAY, TERMINAL R, K3 .....	0670.2-06
VALVE RELAY (ABS/ASC), K95 .....	3450.0-02
VALVE RELAY (ABS/ASC), K95 .....	3450.5-02
VEHICLE SPEED SENSOR, B10 .....	6200.0-05
WASHER FLUID LEVEL SWITCH, S64 .....	6200.0-11
WASHER JET HEATER, LEFT, E51 .....	6169.0-00
WASHER JET HEATER, RIGHT, E52 .....	6169.0-00
WASHER PUMP, M4 .....	6160.0-00
WATER VALVE ASSEMBLY, Y4 .....	6450.5-01
WHEEL CAMBER CONTROL MODULE, B22 .....	6200.0-13
WINDOW LIMIT SWITCH, DRIVER'S, S43 .....	5133.0-01
WINDOW LIMIT SWITCH, RIGHT REAR, S46 .....	5133.0-03
WINDOW LIMIT SWITCH, S44 .....	5133.0-01
WINDOW LIMIT SWITCH, S45 .....	5133.0-03
WINDOW MONITORING SWITCH (DWA), PASSENGER'S, S99 .....	6575.3-06
WINDOW MONITORING SWITCH (DWA), RIGHT REAR, S101 .....	6575.3-06
WINDOW MONITORING SWITCH (DWA), LEFT REAR, S102 .....	6575.3-06
WINDOW MONITORING SWITCH (DWA), DRIVER'S, S100 .....	6575.3-06

WINDOW MOTOR, DRIVER'S, M21 .....	5133.0-04
WINDOW MOTOR, LEFT REAR, M20 .....	5133.0-04
WINDOW MOTOR, PASSENGER'S, M23 .....	5133.0-05
WINDOW MOTOR, RIGHT REAR, M22 .....	5133.0-05
WINDOW SWITCH, LEFT REAR, S41 .....	5133.0-01
WINDOW SWITCH, RIGHT REAR, S42 .....	5133.0-01
WINDSHIELD WASHER JET HEATERS .....	6169.0-00
WIPER MOTOR, M3 .....	6160.0-01
WIPER RELAY, K11 .....	6160.0-00
WIPER/WASHER SWITCH, S5 .....	6160.0-00
WIPER/WASHER SWITCH, S5 .....	6162.0-00
WIPER/WASHER SWITCH, S5 .....	6167.0-01
ZKE CENTRAL LOCKING (ZV) .....	5126.0-00
ZKE DOOR LOCK HEATING (TSH) .....	5120.0-00
ZKE HEADLIGHT WASHER (SRA) .....	6167.0-00
ZKE INTERIOR LIGHTS CONTROL (IB) .....	6330.0-00
ZKE POWER WINDOWS (FH) .....	5133.0-00
ZKE SUNROOF (SHD) .....	5410.0-00
ZKE WIPER/WASHER CONTROL .....	6160.0-00

## 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 that is only a few cm long. To ensure clear arrangement, all connectors, lines branches and connected components from the fuses to the component and from the component to ground connection are not shown within the individual cells. If required, reference can be made to cells **0670.3 Fuse Details** and **0670.4 Ground Distribution** where all lines are illustrated with all plug connections, line branches and connected components.

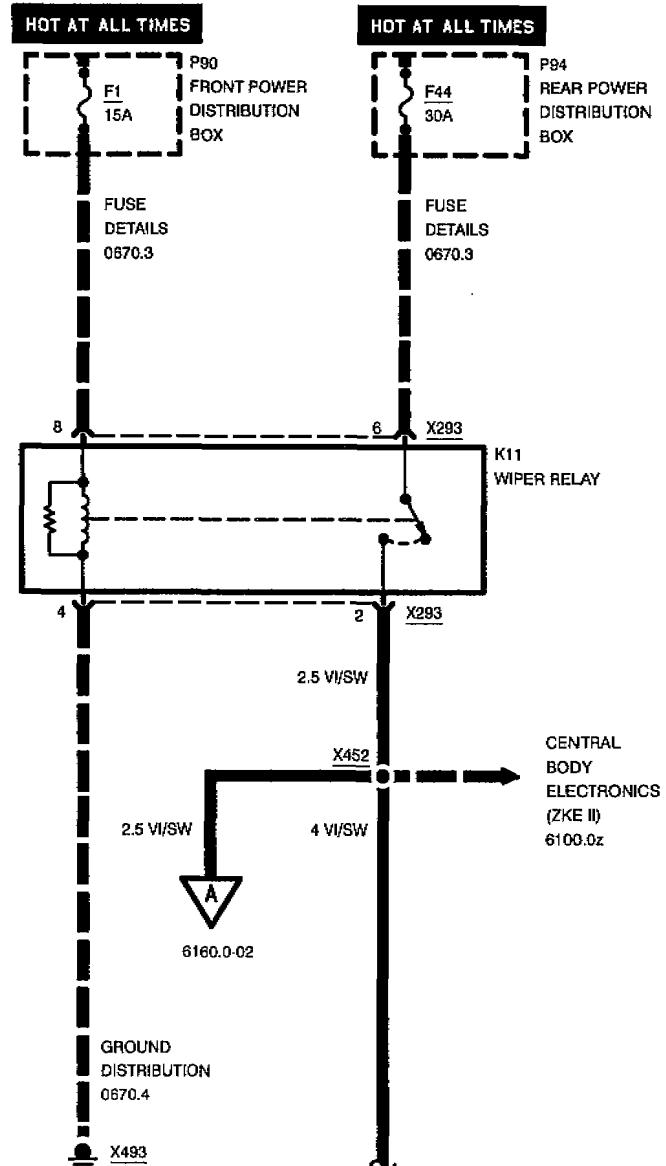
All circuit symbols used are listed and explained in cell **0140.0 Symbols**.

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 location of connectors and components which are difficult to locate are shown in line arts or illustrations. In cell **8500.0 Connector Views** diagrams of connectors with more than 2 pins are illustrated.

## Example

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

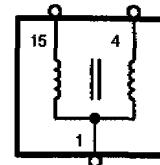


**General Conventions**

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 P94).
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 II)**. 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.



BATTERY

SOLENOID CONTROLLED VALVE  
OR CLUTCH SOLENOIDVARIABLE RESISTANCE  
SENSOR VARIABLE  
CONTACT IS MOVED BY  
AN EXTERNAL FORCE

IGNITION COIL



FUSE DETAILS



HEATING ELEMENT

VARIABLE RESISTOR  
RESISTANCE IS CHANGED BY  
TEMPERATURE OR PRESSURE

CONTROL/POWER ELECTRONICS



FUSIBLE LINK



LOUDSPEAKER OR HORN

INDUCTIVE SENSOR  
N S

RADIO



CIRCUIT BREAKER



LIGHT

DIODE  
CURRENT CAN FLOW  
ONLY IN DIRECTION OF  
ARROWTRANSISTORIZED SWITCH  
31

OXYGEN SENSOR



VEHICLE SPEED SENSOR



THERMO SWITCH

PERMANENT MAGNET MOTOR  
ONE SPEEDQ7  
ZENER DIODE  
TO REGULATE VOLTAGE

KNOCK SENSOR



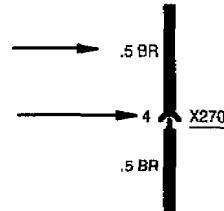
SOLENOID

PERMANENT MAGNET MOTOR  
TWO SPEEDS

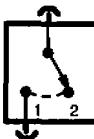
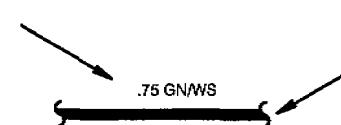
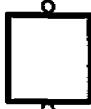
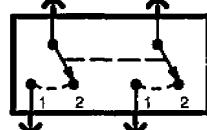
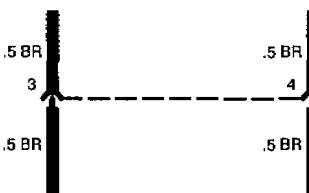
LIGHT EMITTING DIODE

**SYMBOLS**

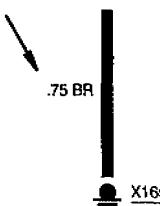
ENTIRE COMPONENT SHOWN

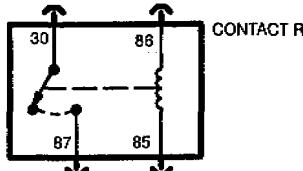
COMPONENT CASE ATTACHED  
DIRECTLY TO METAL PART OF  
CAR (GROUNDED)WIRE INSULATION  
IS ONE COLORCONNECTOR REFERENCE  
NUMBER FOR COMPONENT  
LOCATION CHART

PART OF COMPONENT SHOWN

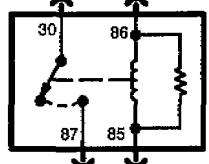
ONE POLE,  
TWO POSITION  
SWITCHWIRE INSULATION IS  
ONE COLOR WITH  
ANOTHER COLOR  
STRIPE (GREEN  
WITH WHITE)A WAVY LINE MEANS WIRE  
IS CONTINUEDCOMPONENT WITH SCREW  
TERMINALSSWITCHES THAT  
MOVE TOGETHERDASHED LINE SHOWS  
A MECHANICAL  
CONNECTION  
BETWEEN SWITCHESTWO CONNECTIONS  
(PINS) IN THE SAME  
CONNECTORDASHED LINE INDICATES  
TERMINALS OF THE SAME  
CONNECTORCONNECTOR ATTACHED TO  
COMPONENTCONNECTOR ATTACHED TO  
COMPONENT LEAD (PIGTAIL)

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

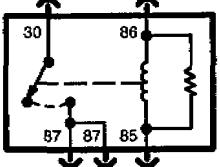
WIRE SIZE IN MM  
SQUAREDWIRE ATTACHED TO  
METAL PART OF CAR  
(GROUNDED)GROUND NUMBERED  
FOR REFERENCE ON  
COMPONENT LOCATION  
CHART



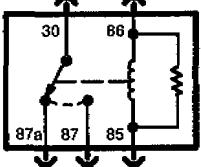
## **CONTACT RELAY**



## RELAY WITH RESISTOR ACROSS WINDING

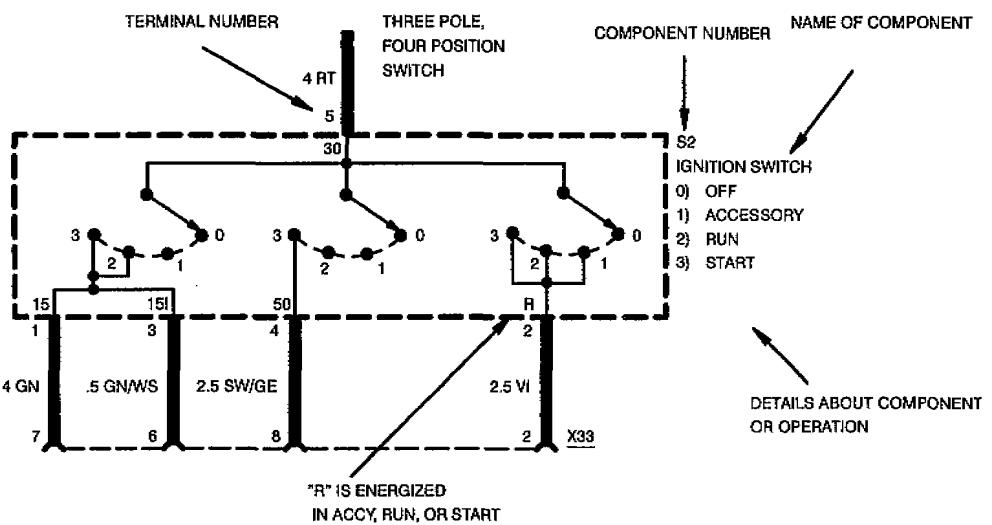


#### **CONTACT RELAY WITH TWO OUTPUTS**



## **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)



"R" IS ENERGIZED  
IN ACCY, RUN, OR START

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



A rectangular label with a black border. Inside, the text "F9" is at the top, followed by "15A" below it. To the right of the label is a vertical arrow pointing upwards.

**INDICATES THAT FUSE 9 IS  
SUPPLIED WITH POWER  
AT ALL TIMES**

POWER STATUS

HOT AT ALL TIMES

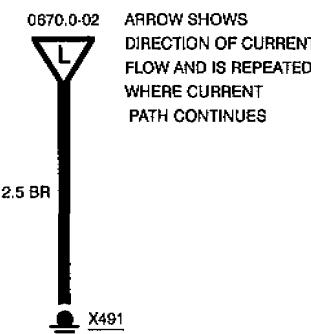
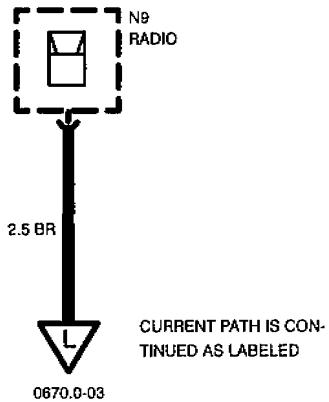
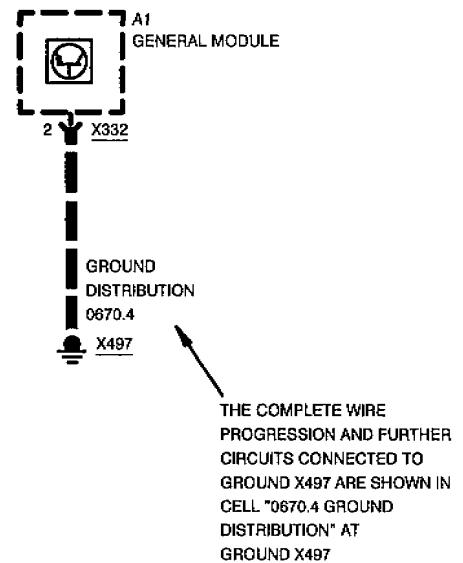
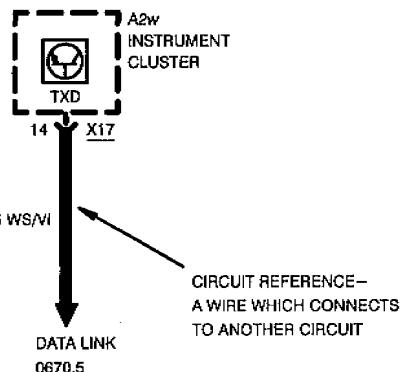
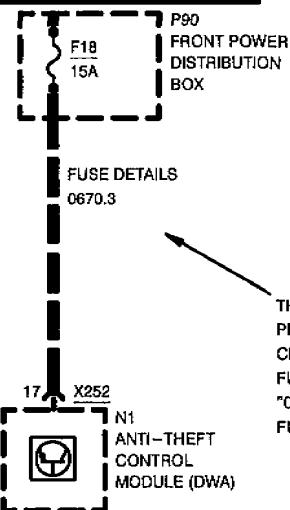
HDT IN ACCY, RUN AND START

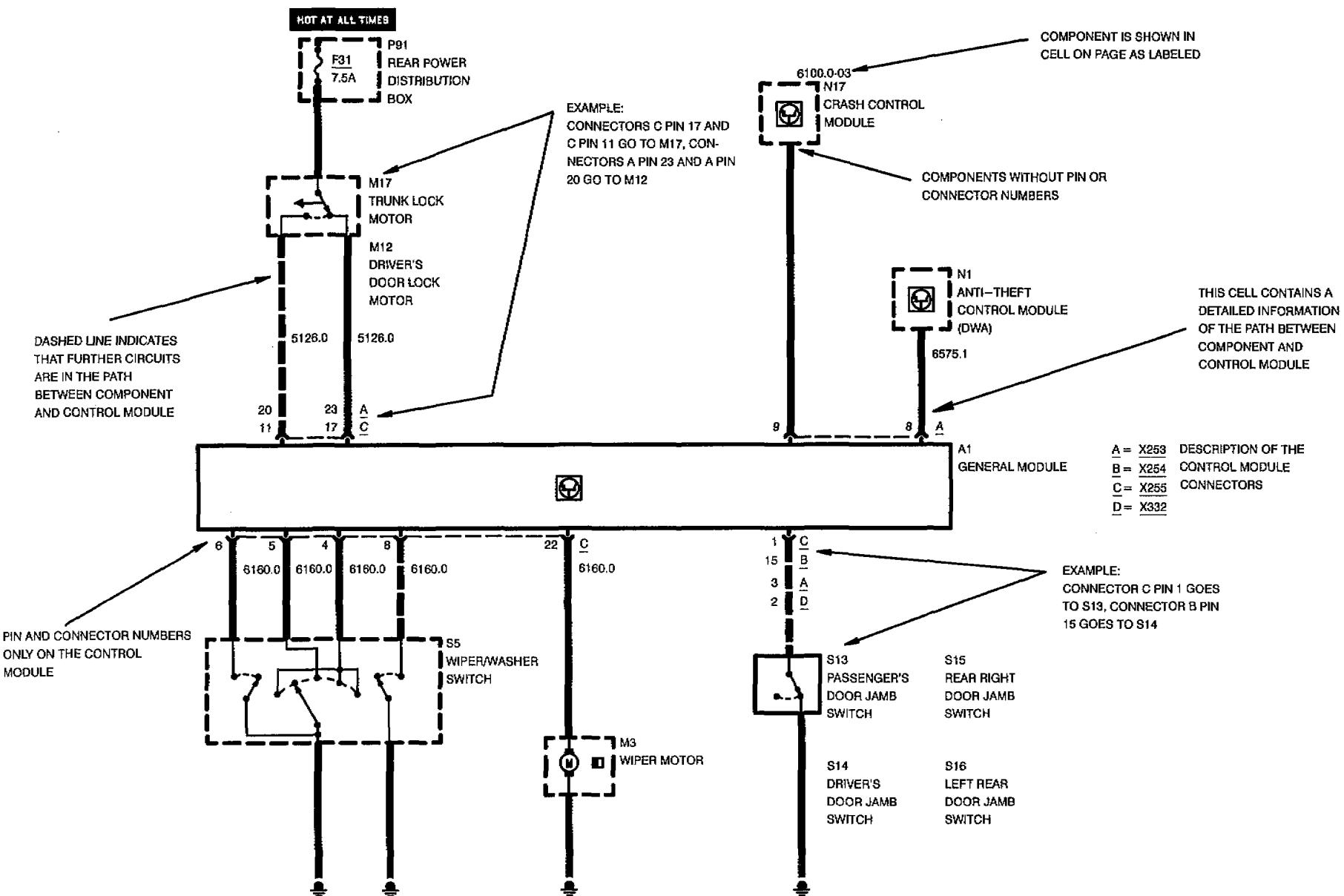
**DESCRIPTION**

**VOLTAGE: SUPPLIED  
AT ALL TIMES**

**VOLTAGE: IGNITION  
SWITCH IN RUN OR START**

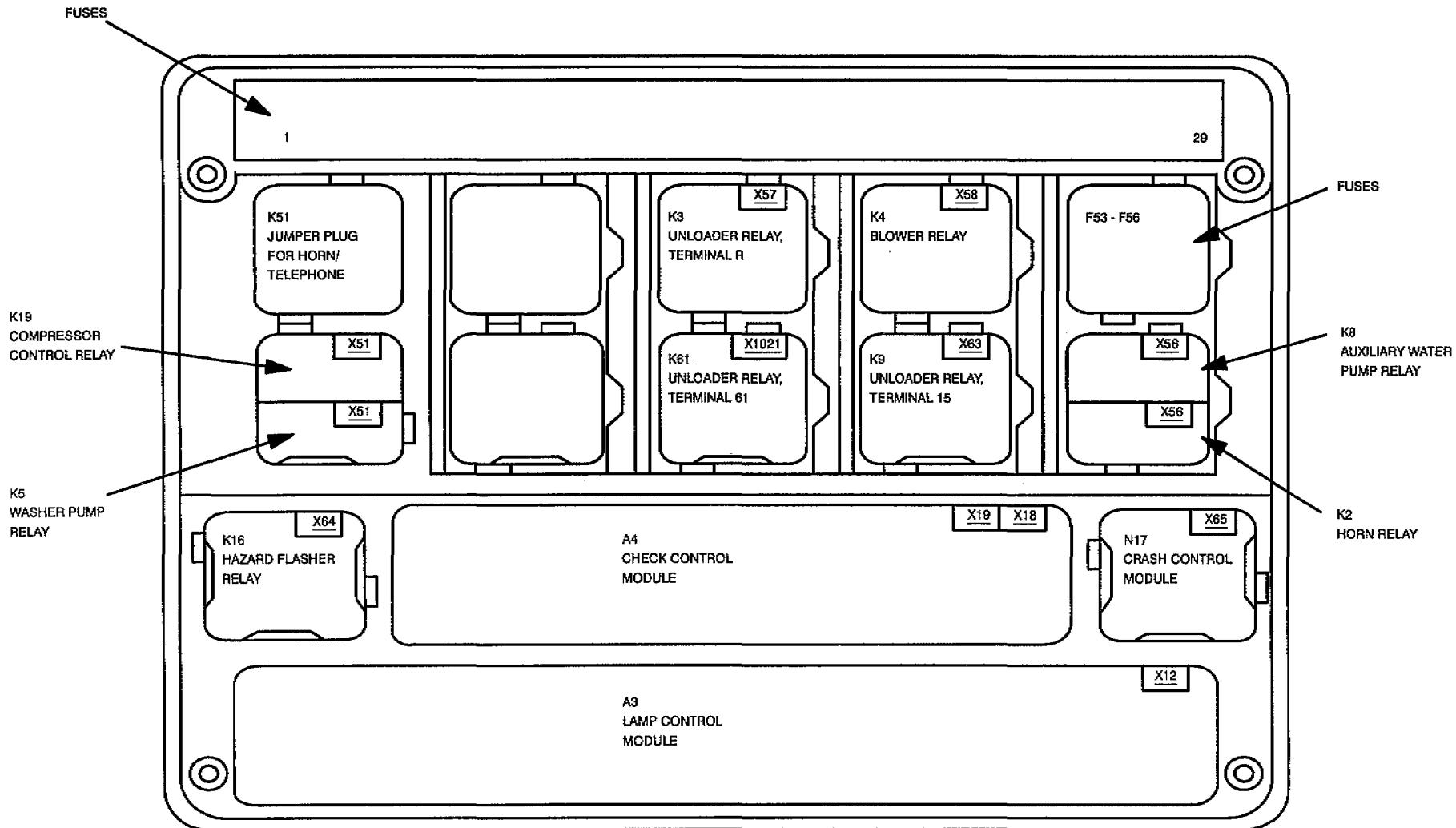
VOLTAGE: IGNITION  
SWITCH IN ACCESSORY,  
RUN OR START

**HOT IN ACCY, RUN AND START**





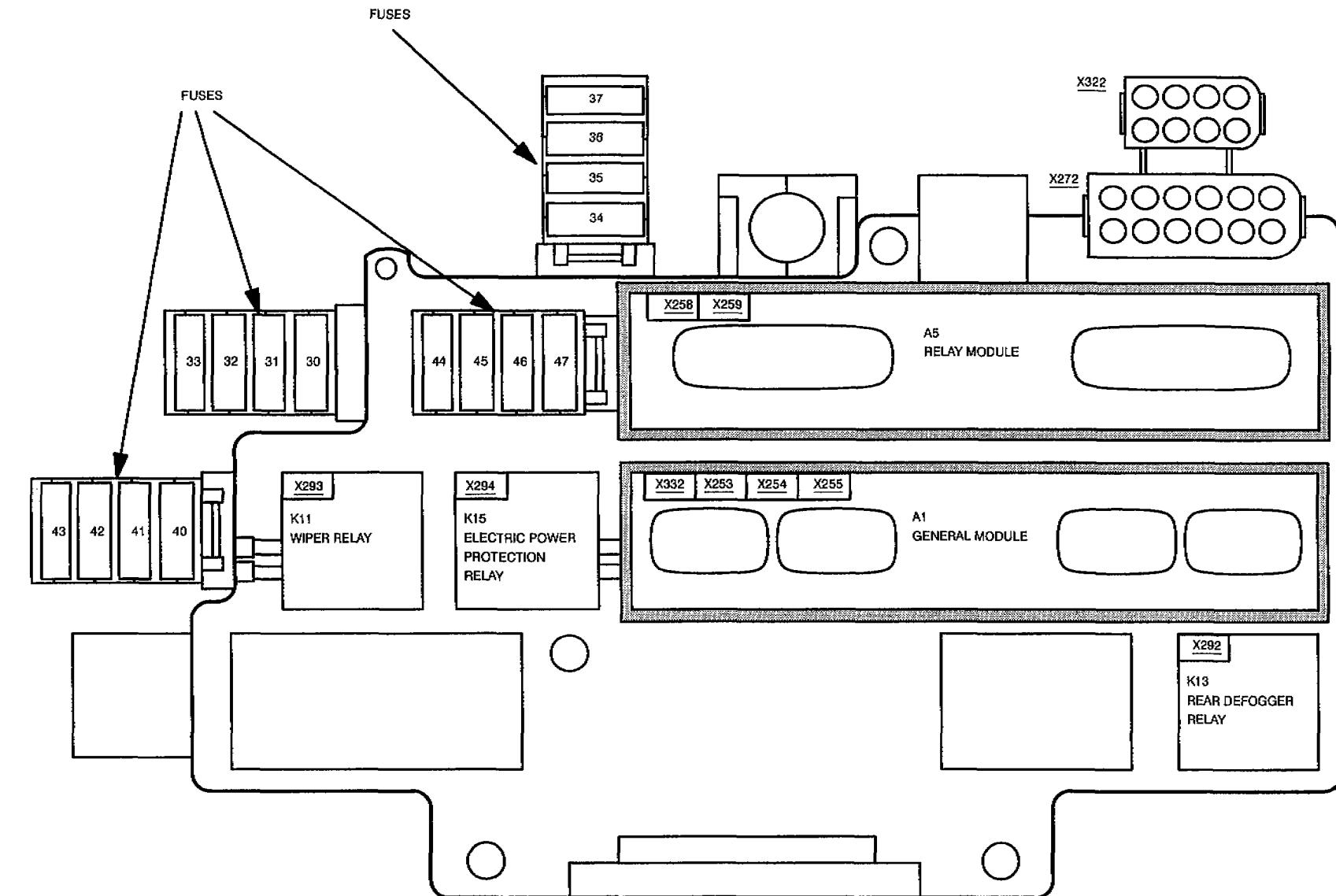
0670.0





## POWER DISTRIBUTION CHART

### REAR POWER DISTRIBUTION BOX





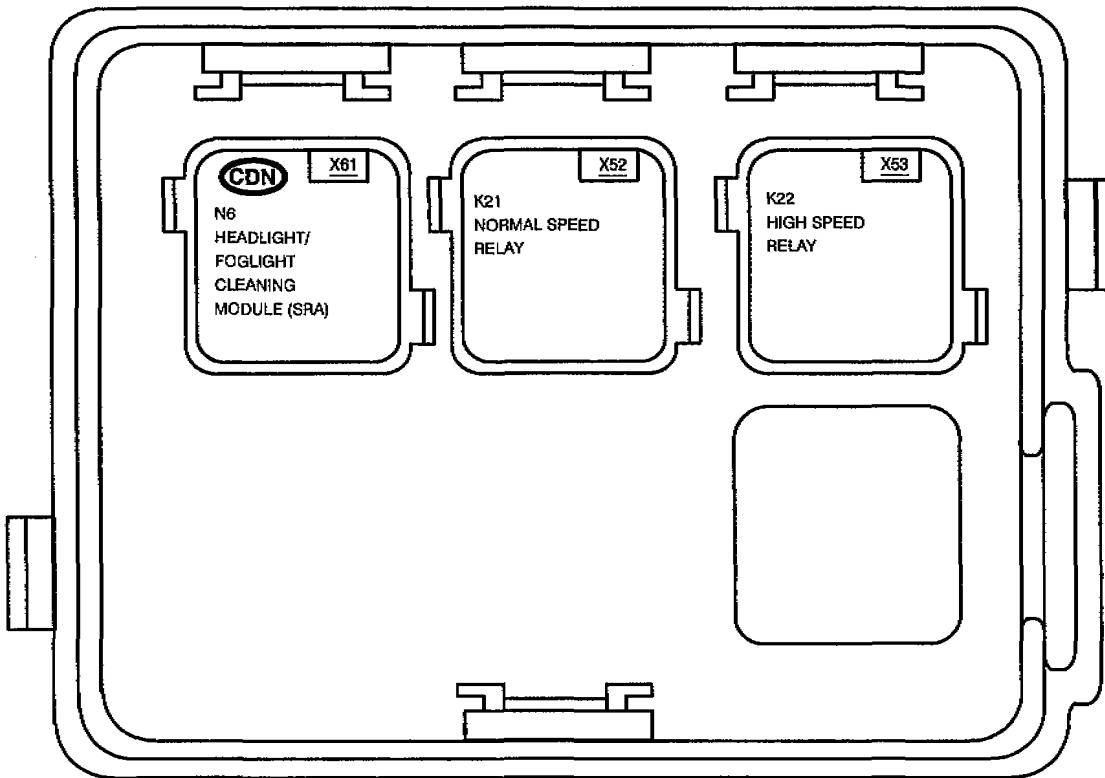
# POWER DISTRIBUTION CHART

## AUXILIARY RELAY BOX

02/97

0670.0-02

1995





0670.1



## FUSE CHART

## **FUSES 1 TO 29**

02/97

1  
665

0670.1-00



# FUSE CHART

## FUSES 1 TO 29

02/97

0670.1-01

5203.0 HEATED SEATS

5410.0 ZKE SUNROOF (SHD)

5410.2 DOUBLE PANEL POWER SUNROOF (ZKE)

6100.0 CENTRAL BODY ELECTRONICS (ZKE)

6133.0 HORN

6135.0 DRIVE-AWAY PROTECTION (EWS II)

6160.0 ZKE WIPER/WASHER CONTROL

6162.0 REAR WINDOW WIPER/WASHER CONTROL

6167.0 ZKE HEADLIGHT WASHER (SRA)

6169.0 WINDSHIELD WASHER JET HEATERS

6200.0 INSTRUMENT CLUSTER/CHECK CONTROL (K/CC)

6213.2 MULTI-FUNCTION CLOCK

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

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	15A	10A	30A	15A	10A	30A	7.5A	15A	7.5A			
5203.0 HEATED SEATS																	●													
5410.0 ZKE SUNROOF (SHD)																		●												
5410.2 DOUBLE PANEL POWER SUNROOF (ZKE)																			●											
6100.0 CENTRAL BODY ELECTRONICS (ZKE)		●	●	●														●								●				
6133.0 HORN										●									●											
6135.0 DRIVE-AWAY PROTECTION (EWS II)																			●	●	●									
6160.0 ZKE WIPER/WASHER CONTROL	●																								●					
6162.0 REAR WINDOW WIPER/WASHER CONTROL																			●											
6167.0 ZKE HEADLIGHT WASHER (SRA)		●	●	●														●					●							
6169.0 WINDSHIELD WASHER JET HEATERS															●															
6200.0 INSTRUMENT CLUSTER/CHECK CONTROL (K/CC)	●																		●	●	●							●		
6213.2 MULTI-FUNCTION CLOCK	●																				●									
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																●														

1995



## FUSE CHART

## **FUSES 1 TO 29**

02/97

0670.1-02

1995

6325.0	BRAKE LIGHTS
6330.0	ZKE INTERIOR LIGHTS CONTROL (IB)
6332.0	INTERIOR ACCESSORIES
6350.0	CRASH CONTROL MODULE
6412.19	PARK VENTILATION WITH IHKR/F3
6424.0	REAR WINDOW DEFOGGER/ANTENNA
6450.5	INTEGRATED CLIMATE REGULATION WITH
6454.0	AUXILIARY FAN
6510.1	RADIO/HIFI
6510.2	RADIO PROVISIONS
6561.0	CELLULAR TELEPHONE (PROVISIONS)
6571.0	CRUISE CONTROL (TEMPOMAT)
6575.2	ANTI-THEFT SYSTEM (ALPINE)
6575.3	ANTI-THEFT SYSTEM IV (DWA IV)
6581.0	ON-BOARD COMPUTER (BCIV)
6610.1	REMOTE CONTROLLED LOCKING SYSTEM



## FUSE CHART

## **FUSES 30 TO 56**

02/97

0670.1-03



## FUSE CHART

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**FUSES 30 TO 56**

02/97

0670.1-04

1995



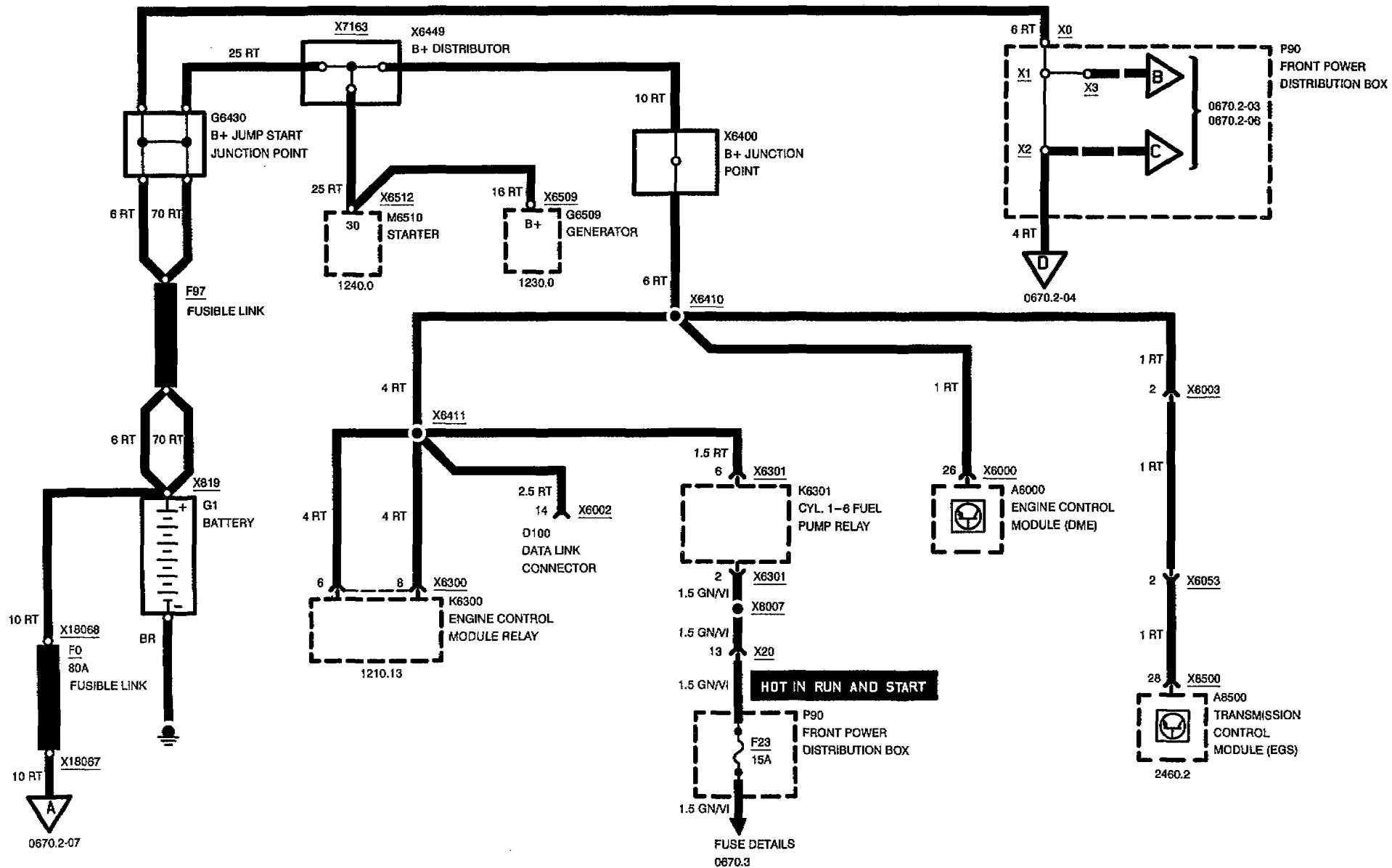
## FUSE CHART

## **FUSES 30 TO 56**

02/97

0670.1-05

1995



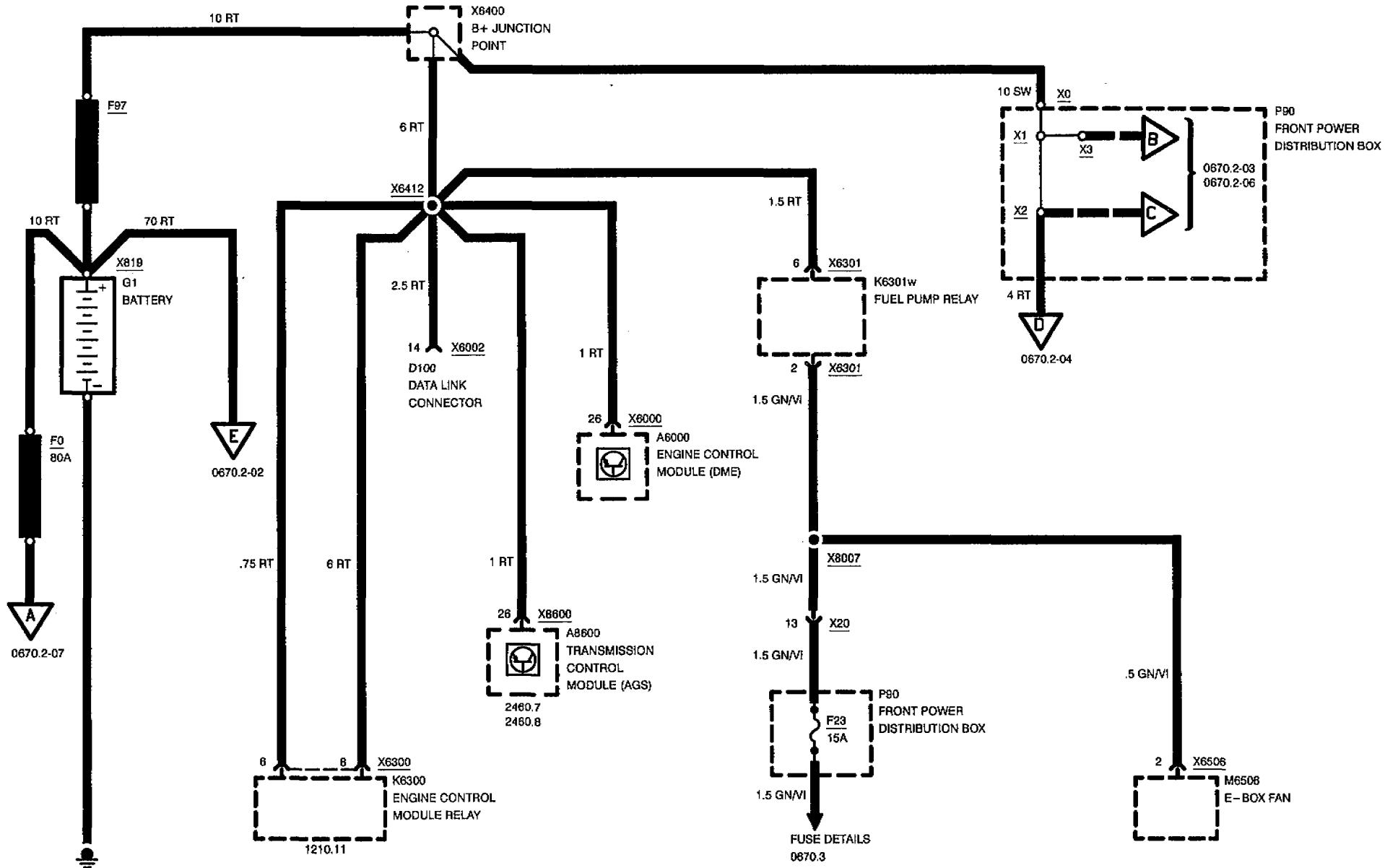


## **POWER DISTRIBUTION**

530i/t, 540i

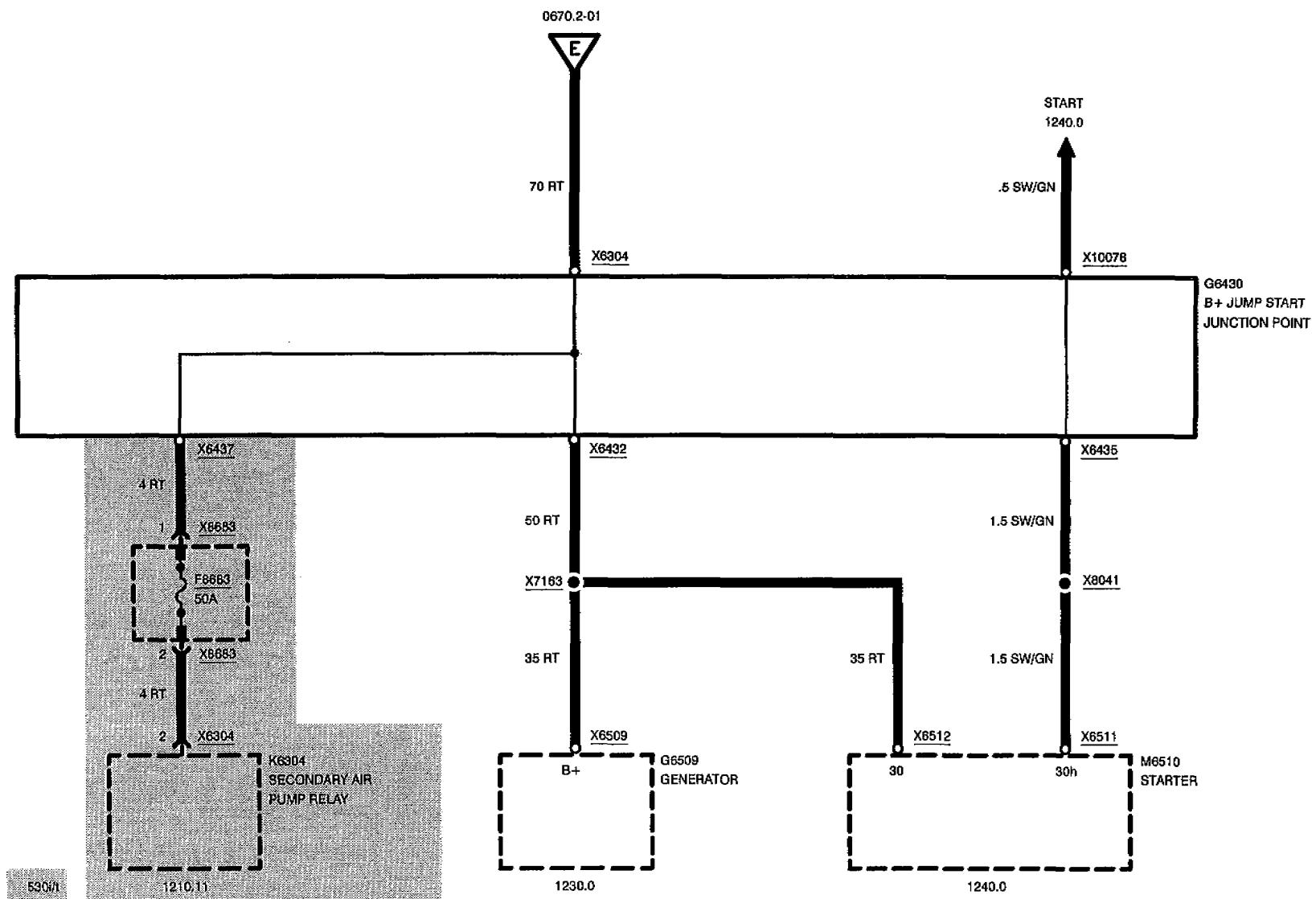
**GRADIENT MONITOR AND ANTI-THEFT HORN (DWA)**

02/97



0670.2-01

G661





## POWER DISTRIBUTION

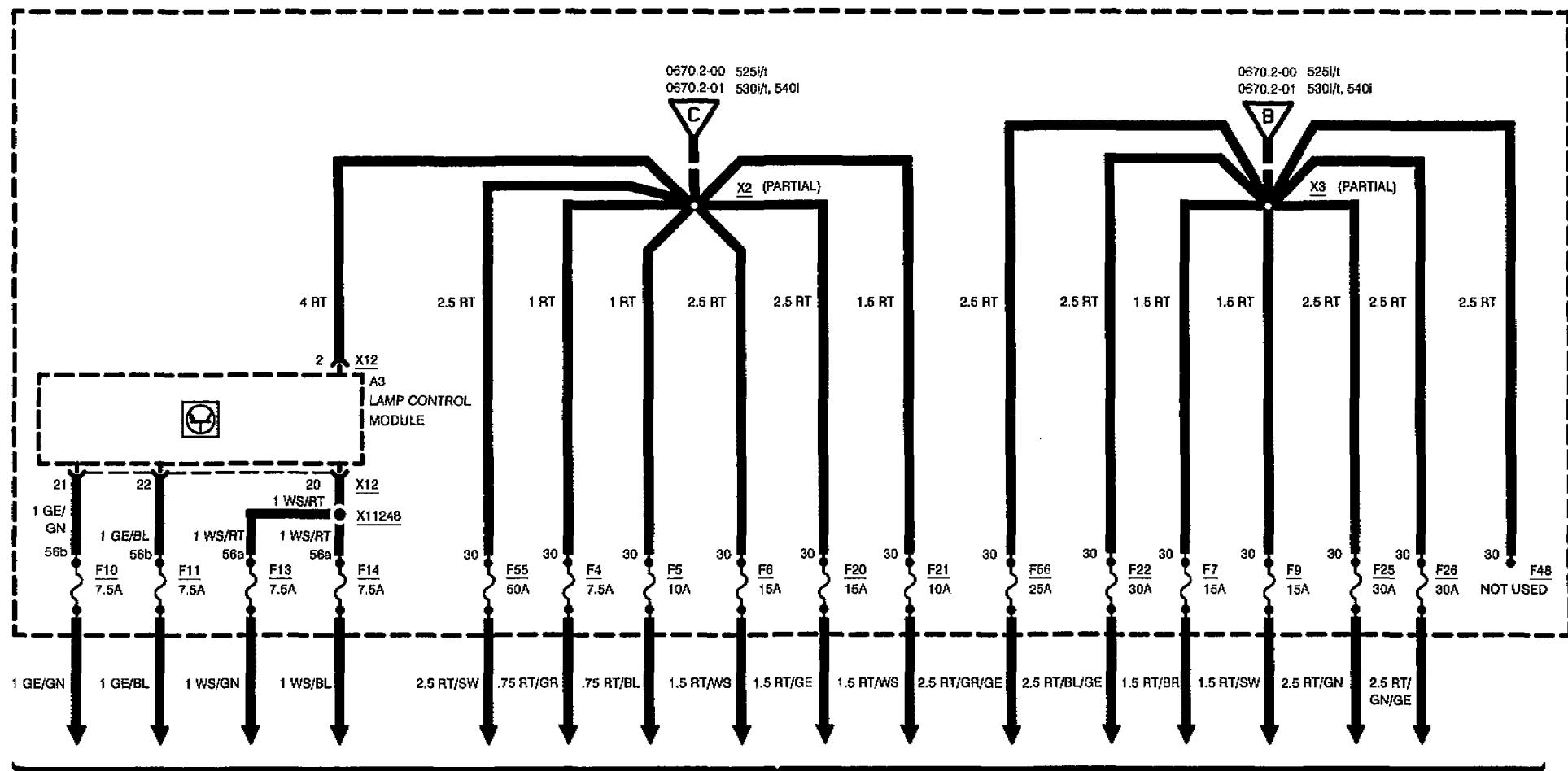
### FRONT POWER DISTRIBUTION BOX

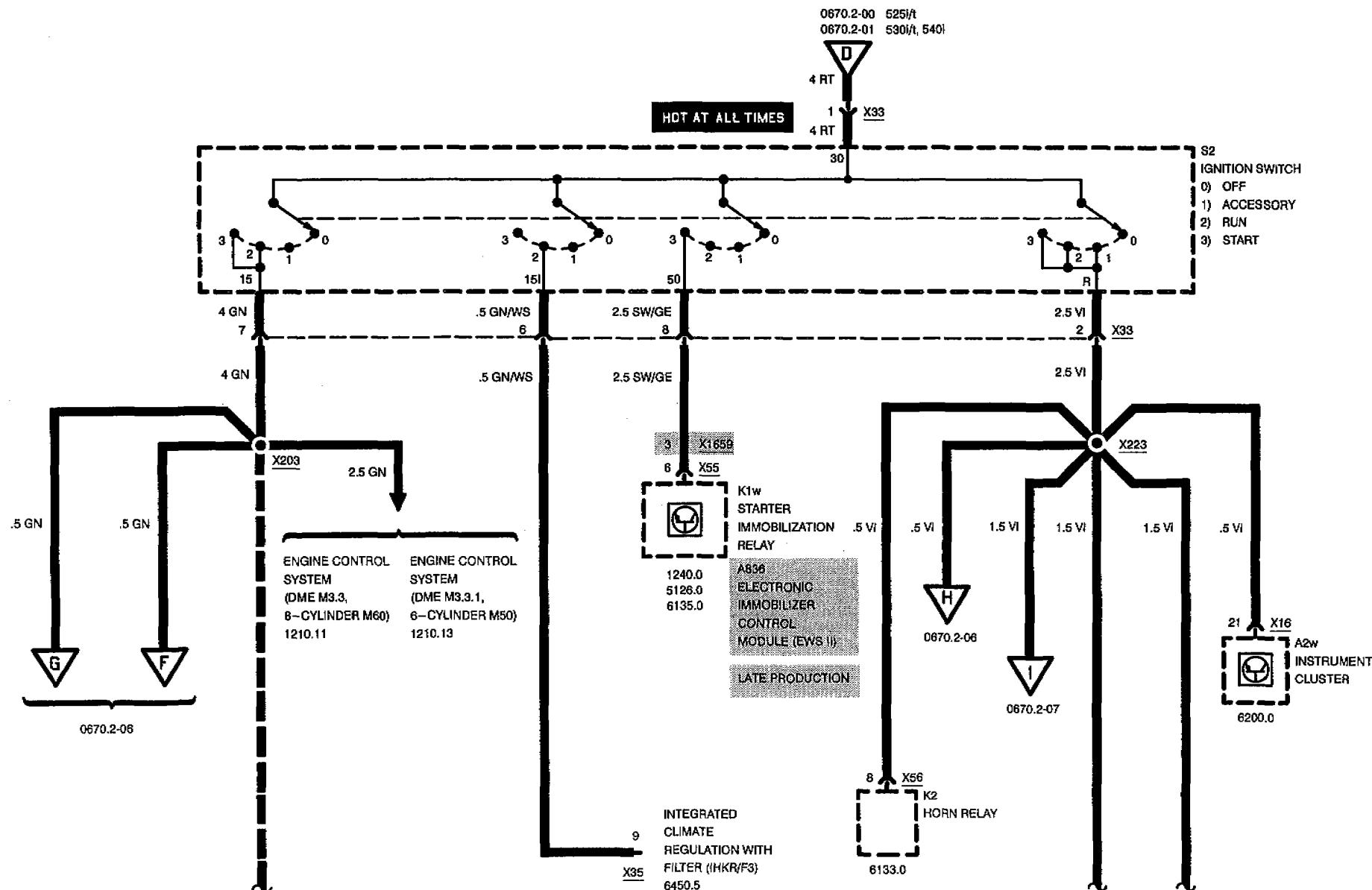
02/97

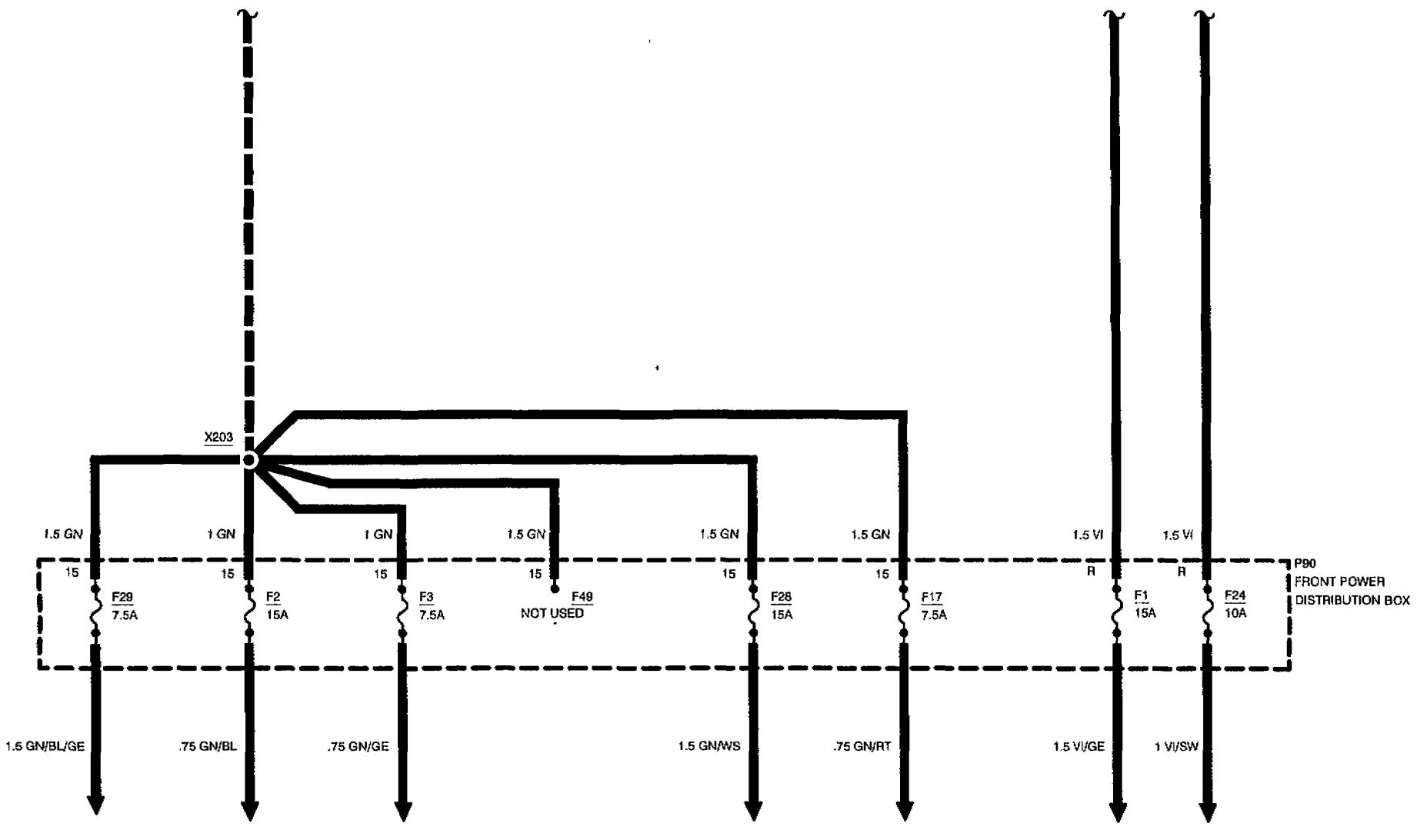
P90  
FRONT POWER  
DISTRIBUTION BOX

0670.2-03

1995

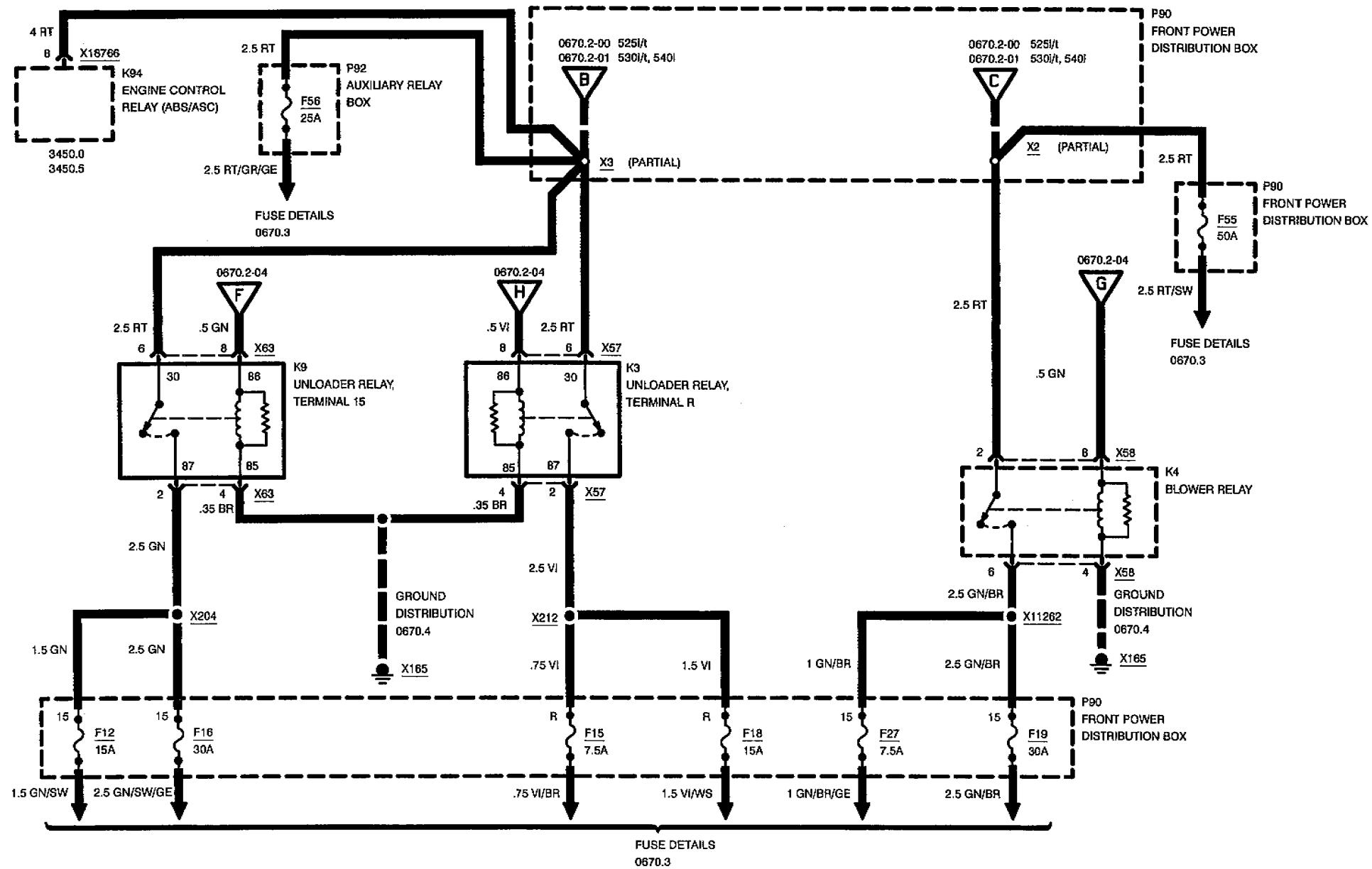






FUSE DETAILS  
0670.3

**BMW** **POWER DISTRIBUTION**  
**5 FRONT POWER DISTRIBUTION BOX**



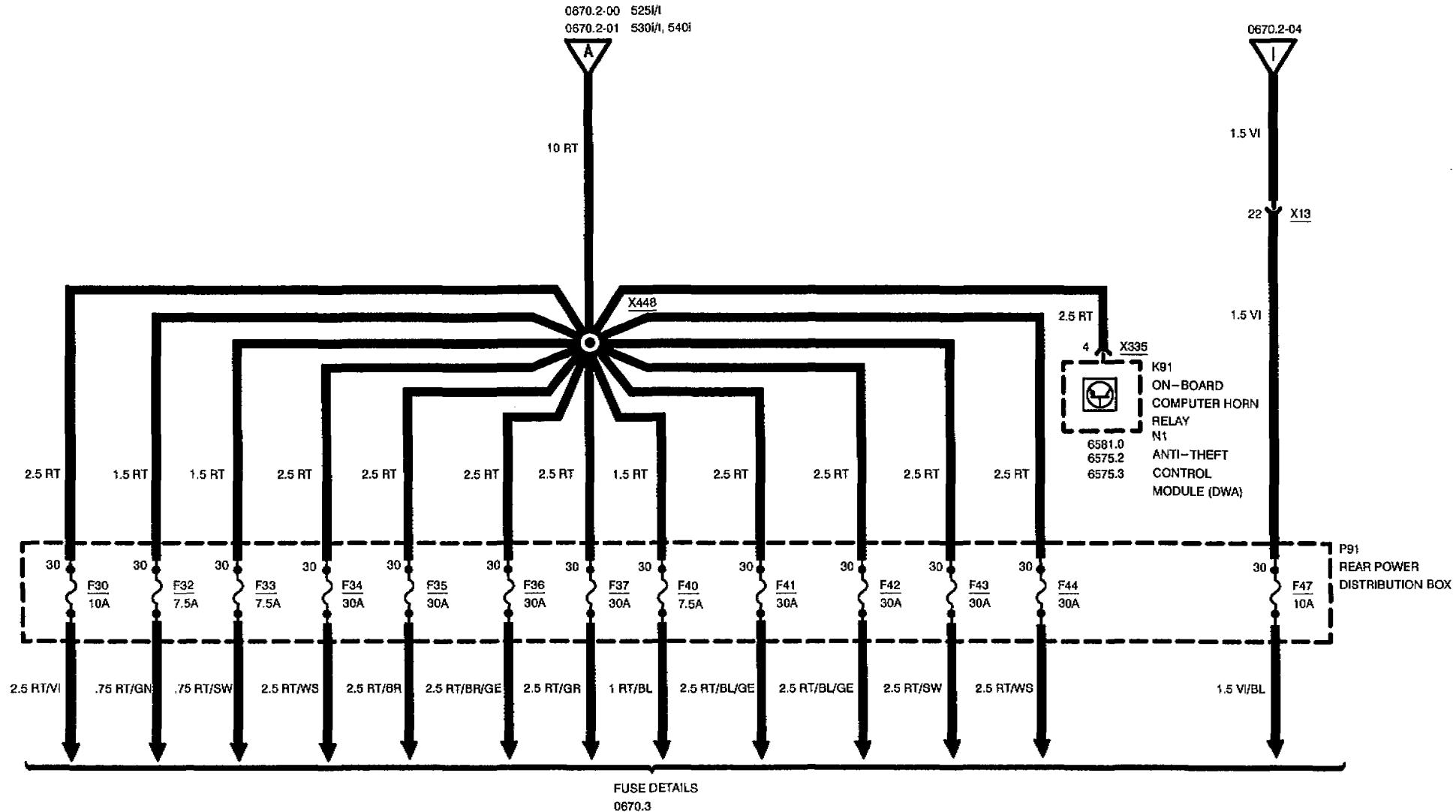


# POWER DISTRIBUTION

## REAR POWER DISTRIBUTION BOX

02/97

0670.2-07



1995



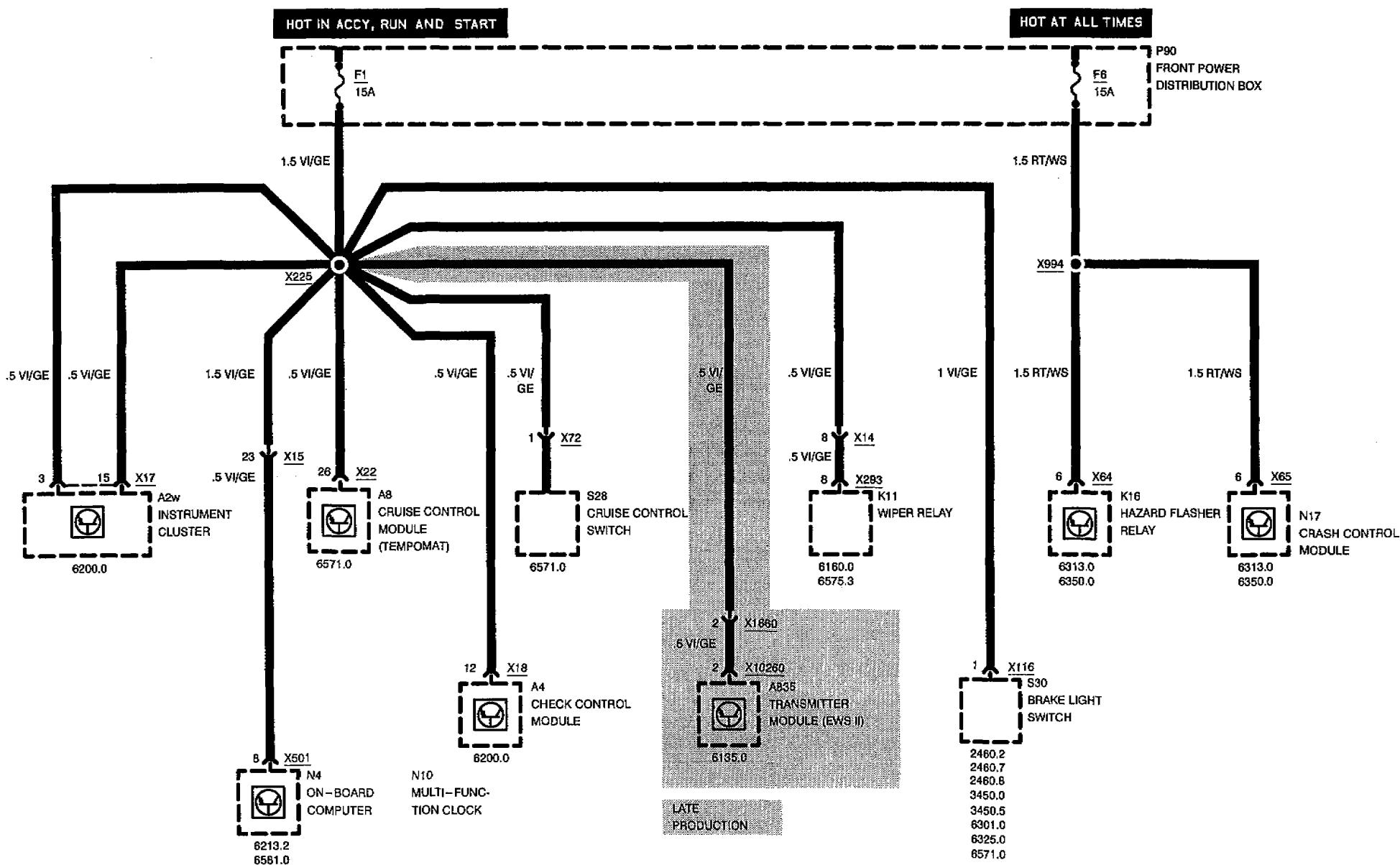
# FUSE DETAILS

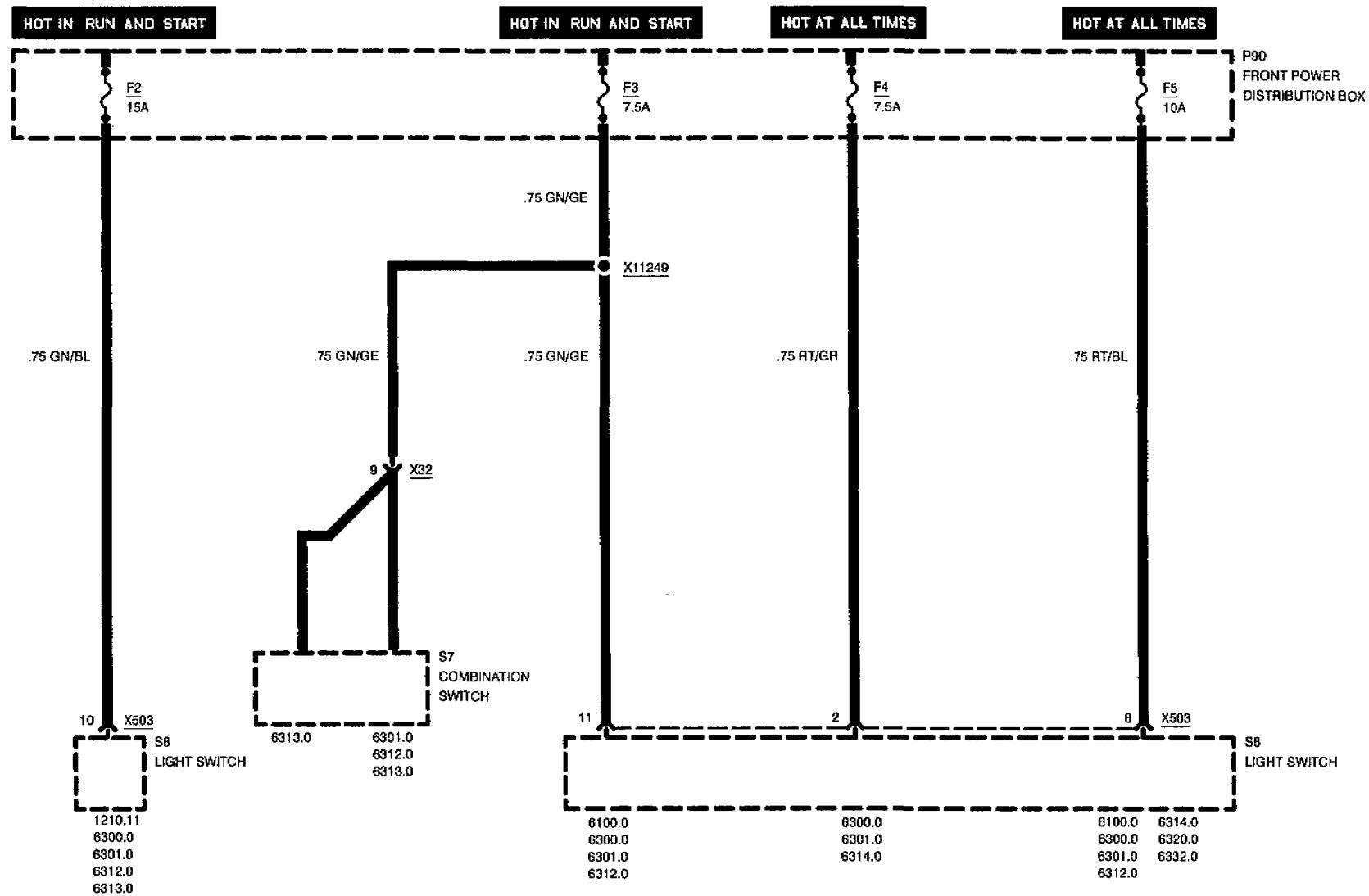
## FUSES 1 AND 6

02/97

0670.3-00

1995







# FUSE DETAILS

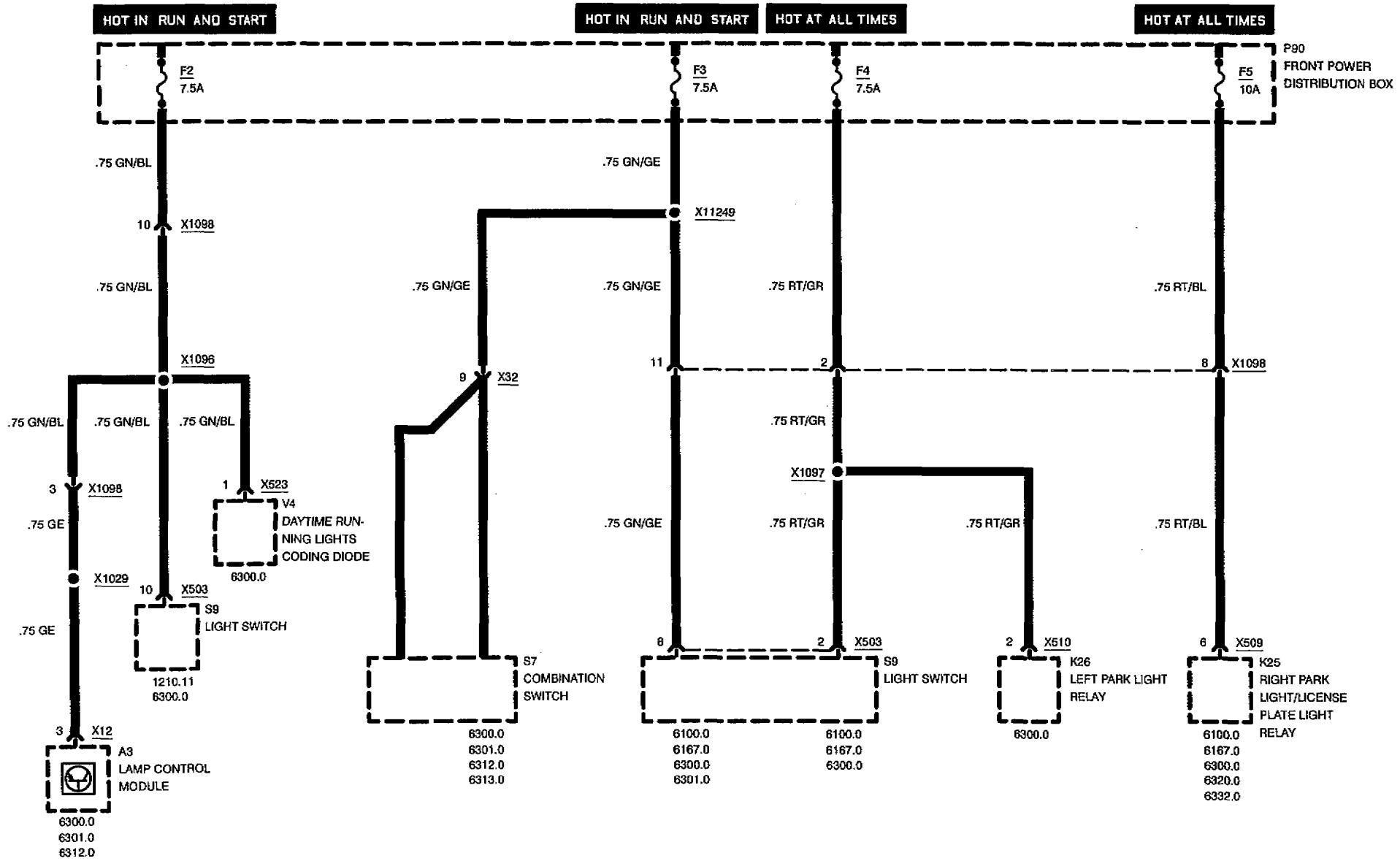
## FUSES 2, 3, 4, AND 5

CDN

02/97

0670-3-02

1995





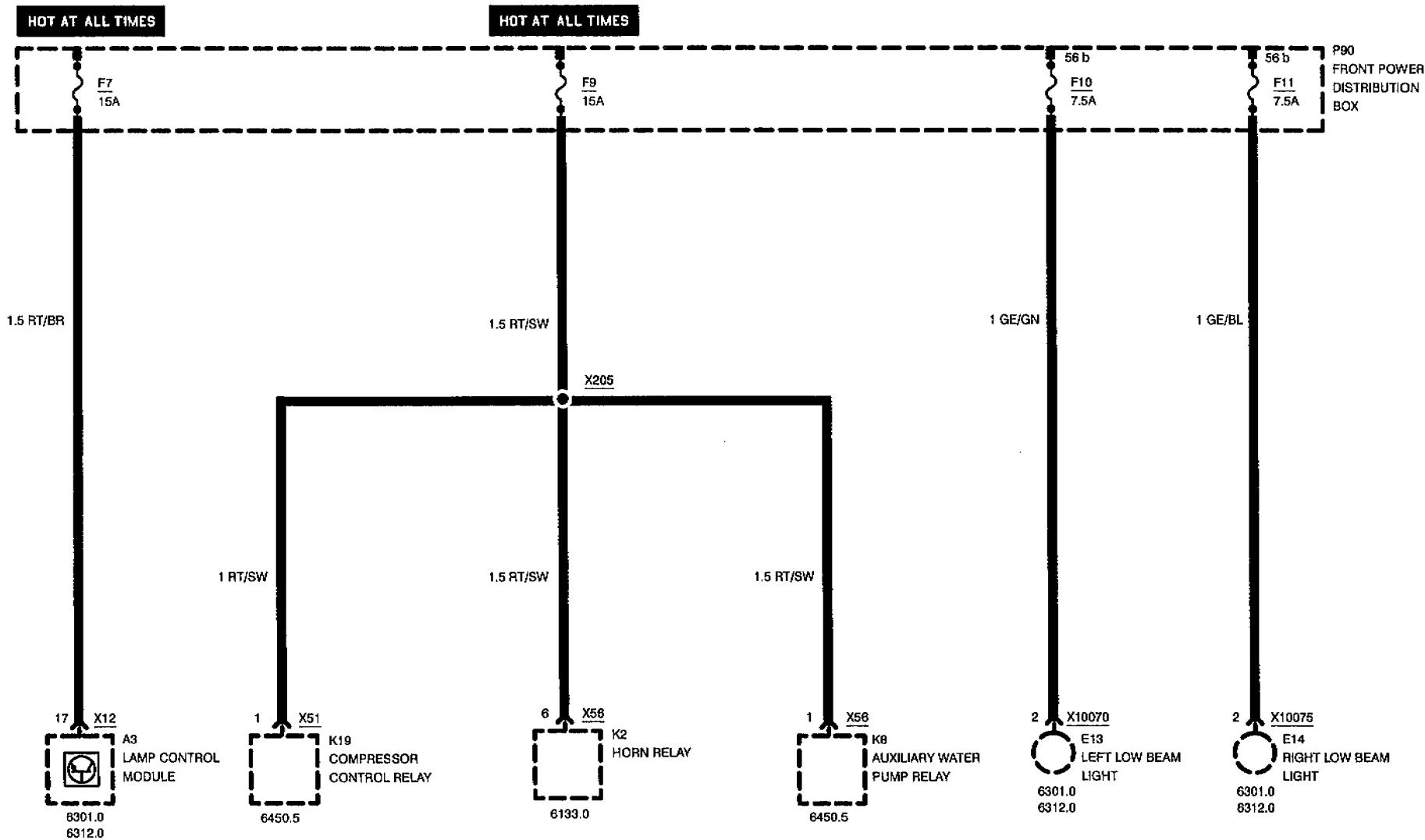
## FUSE DETAILS

### FUSES 7, 9, 10, AND 11

02/97

0670.3-03

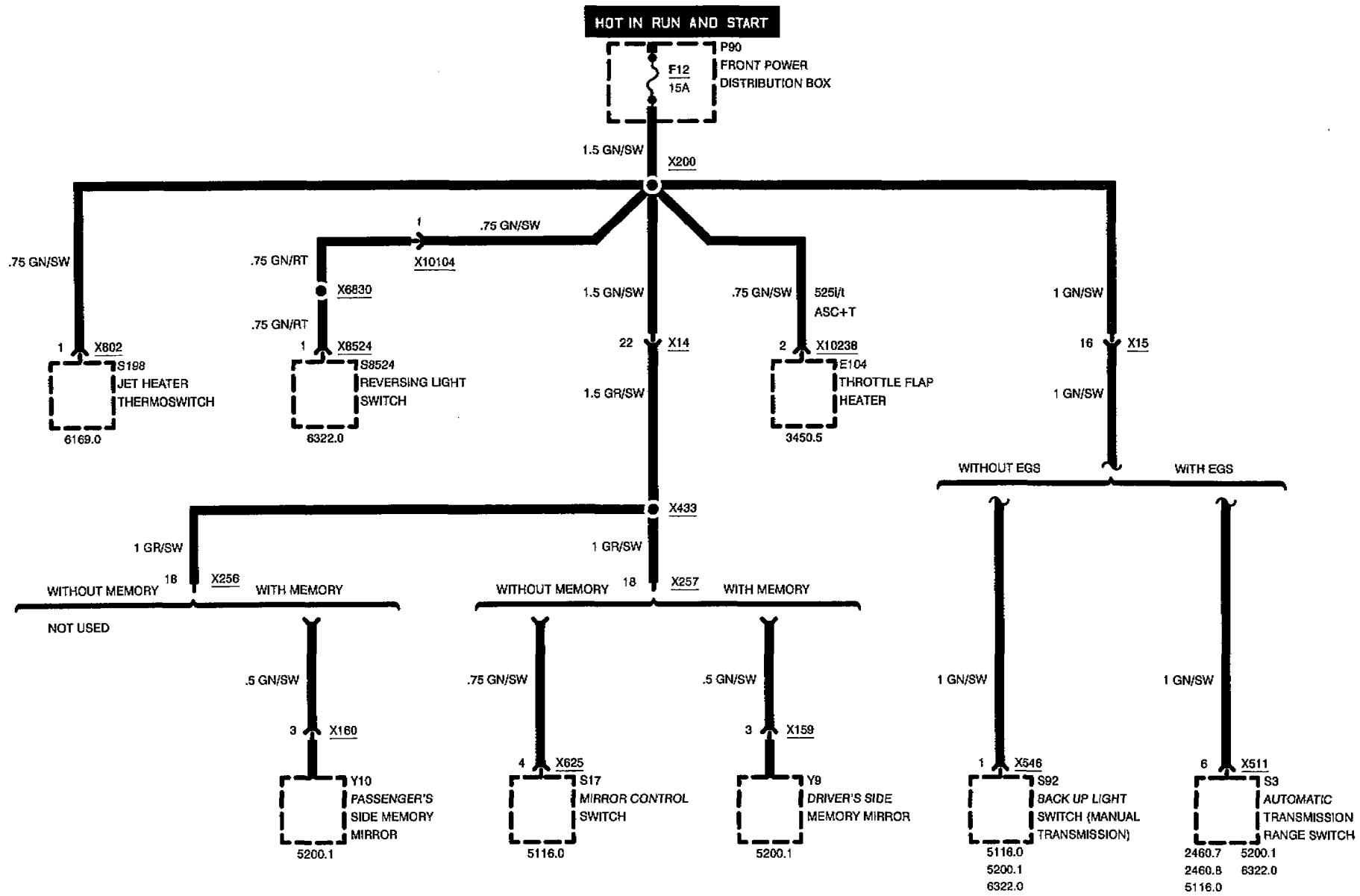
1995





# FUSE DETAILS

## FUSE 12





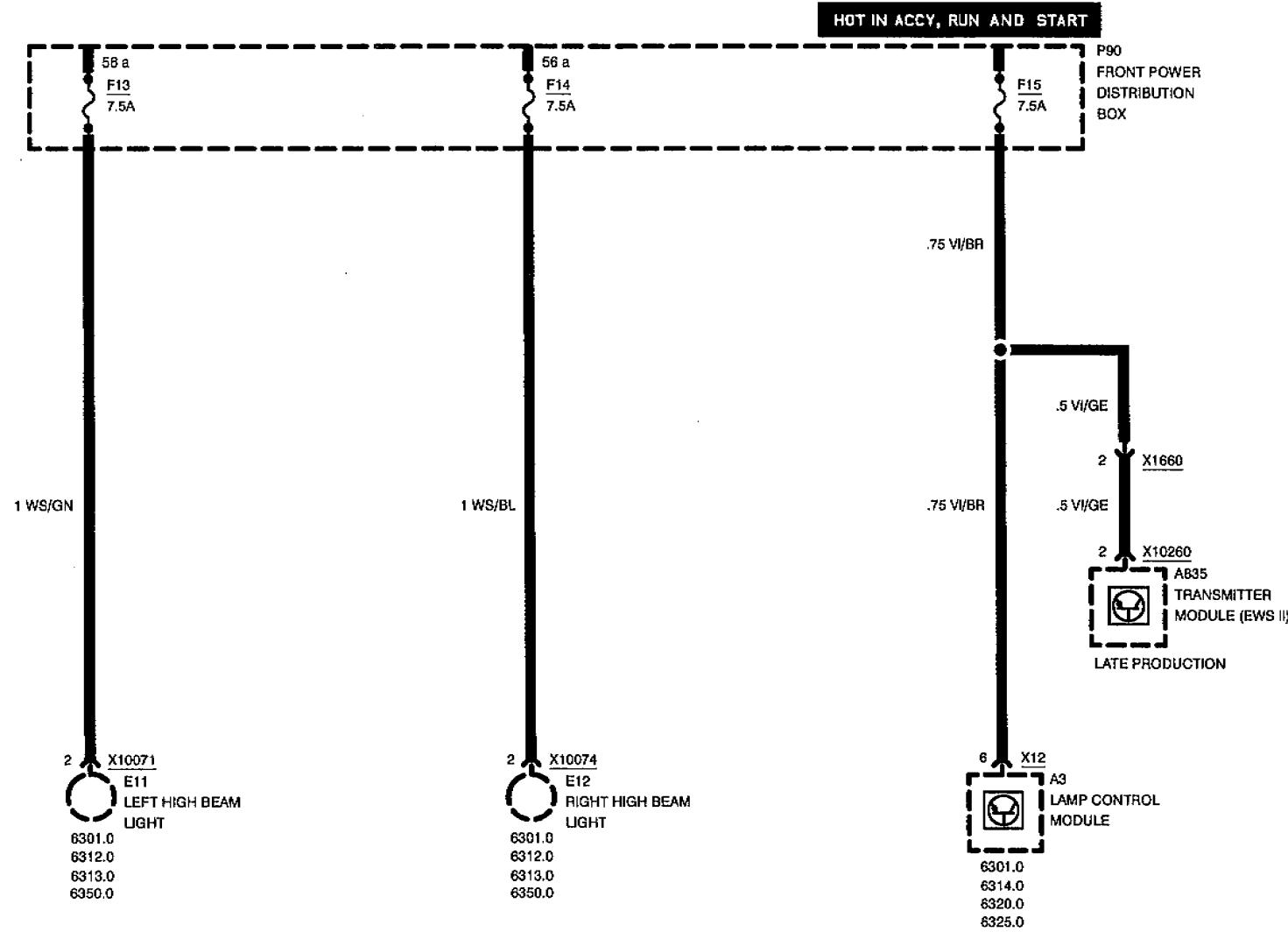
## FUSE DETAILS

### FUSES 13, 14, AND 15

02/97

0670.3-05

1995





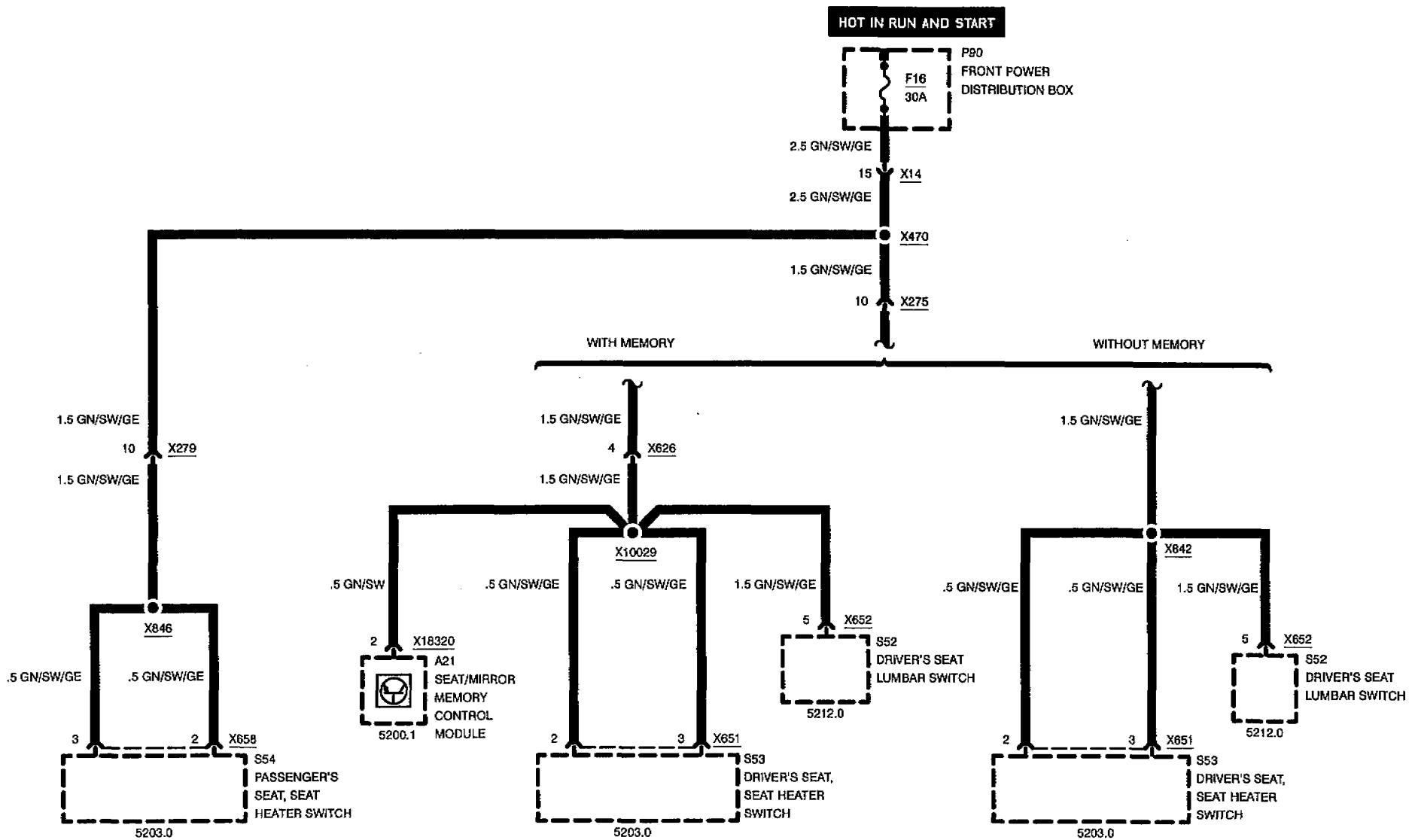
# FUSE DETAILS

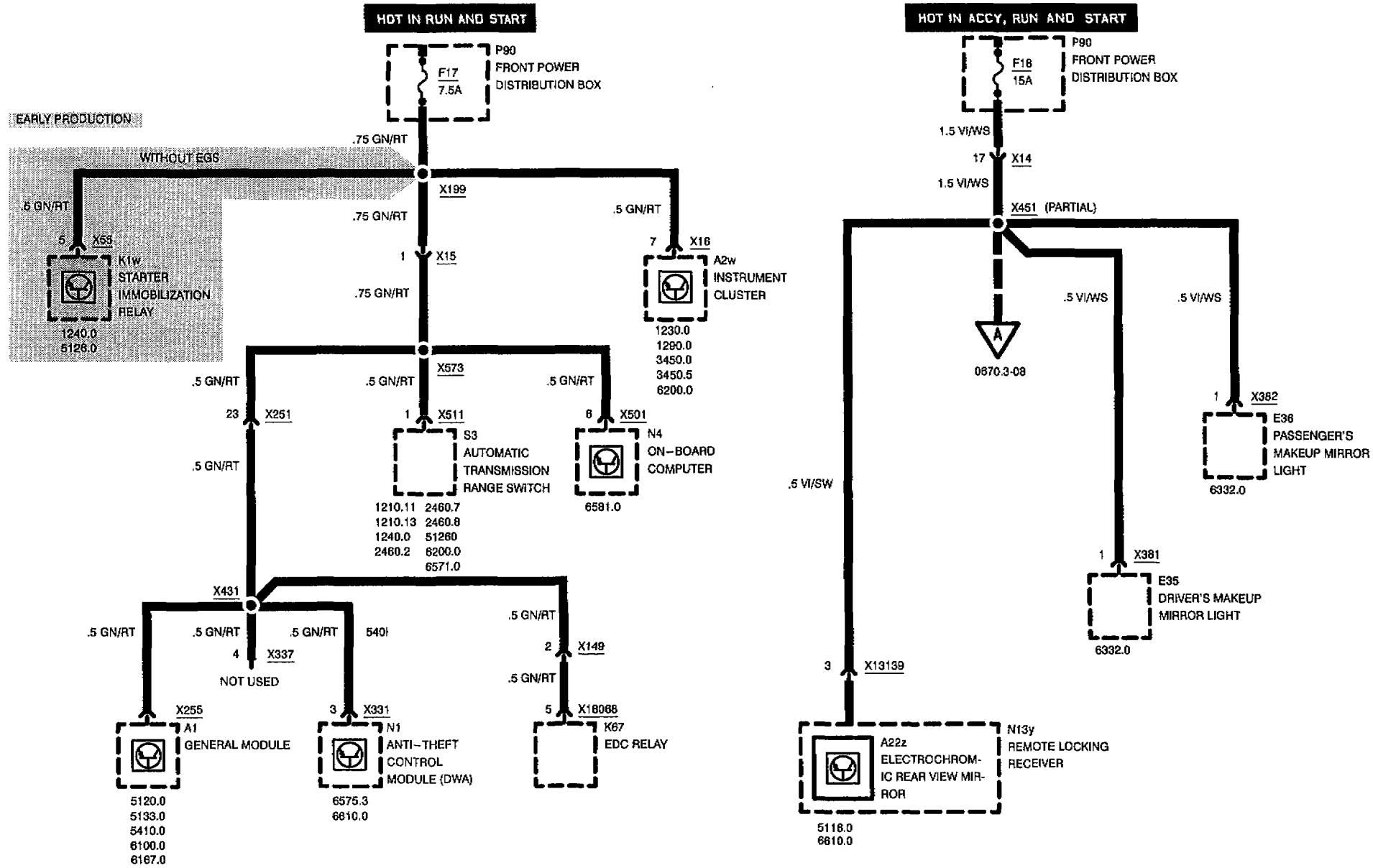
## FUSE 16

02/97

0670-3-06

1995







## **FUSE DETAILS**

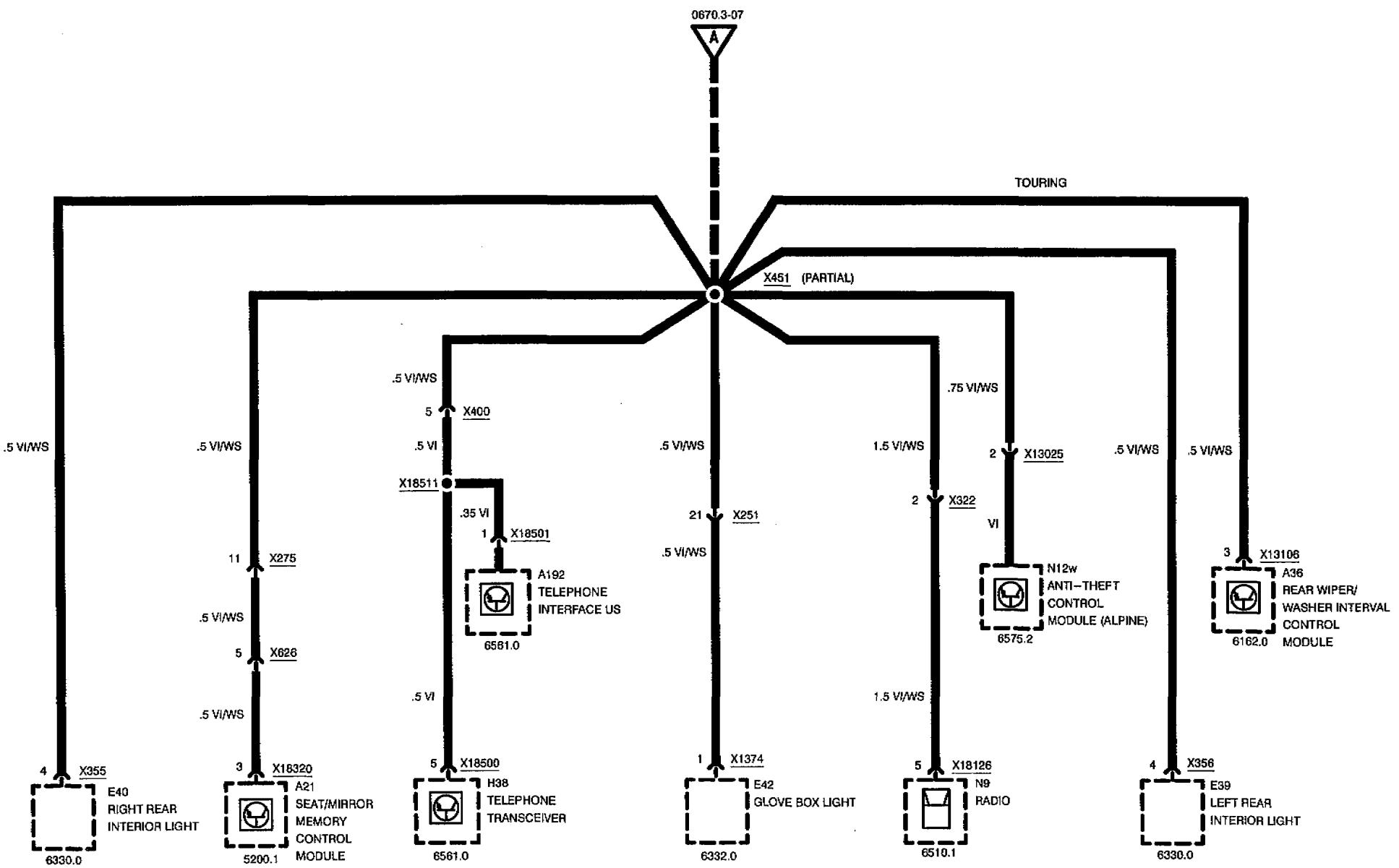
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### **FUSE 18**

02/97

0670.3-08

1995



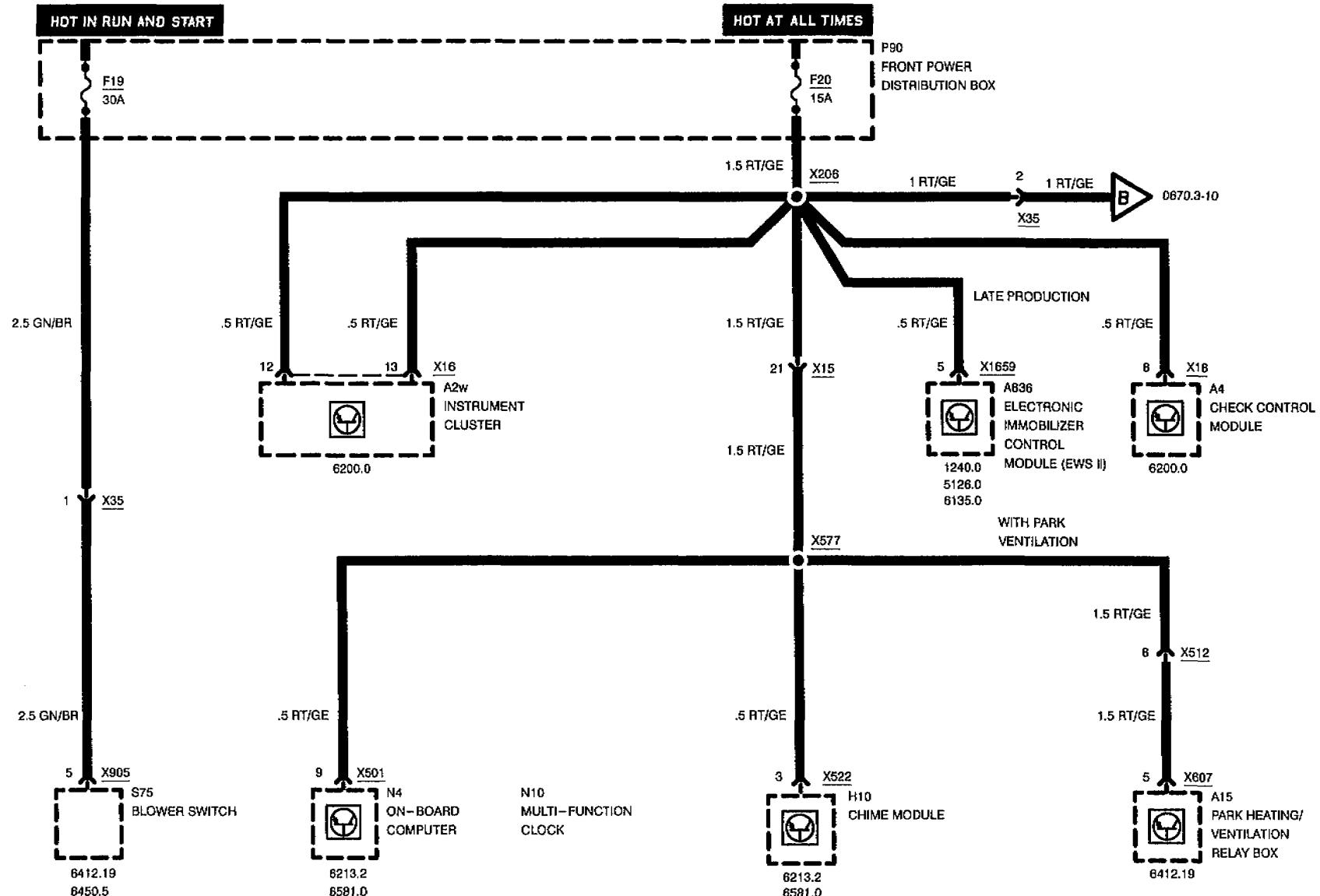


## FUSE DETAILS

### FUSES 19 AND 20

02/97

0670.3-09



1995



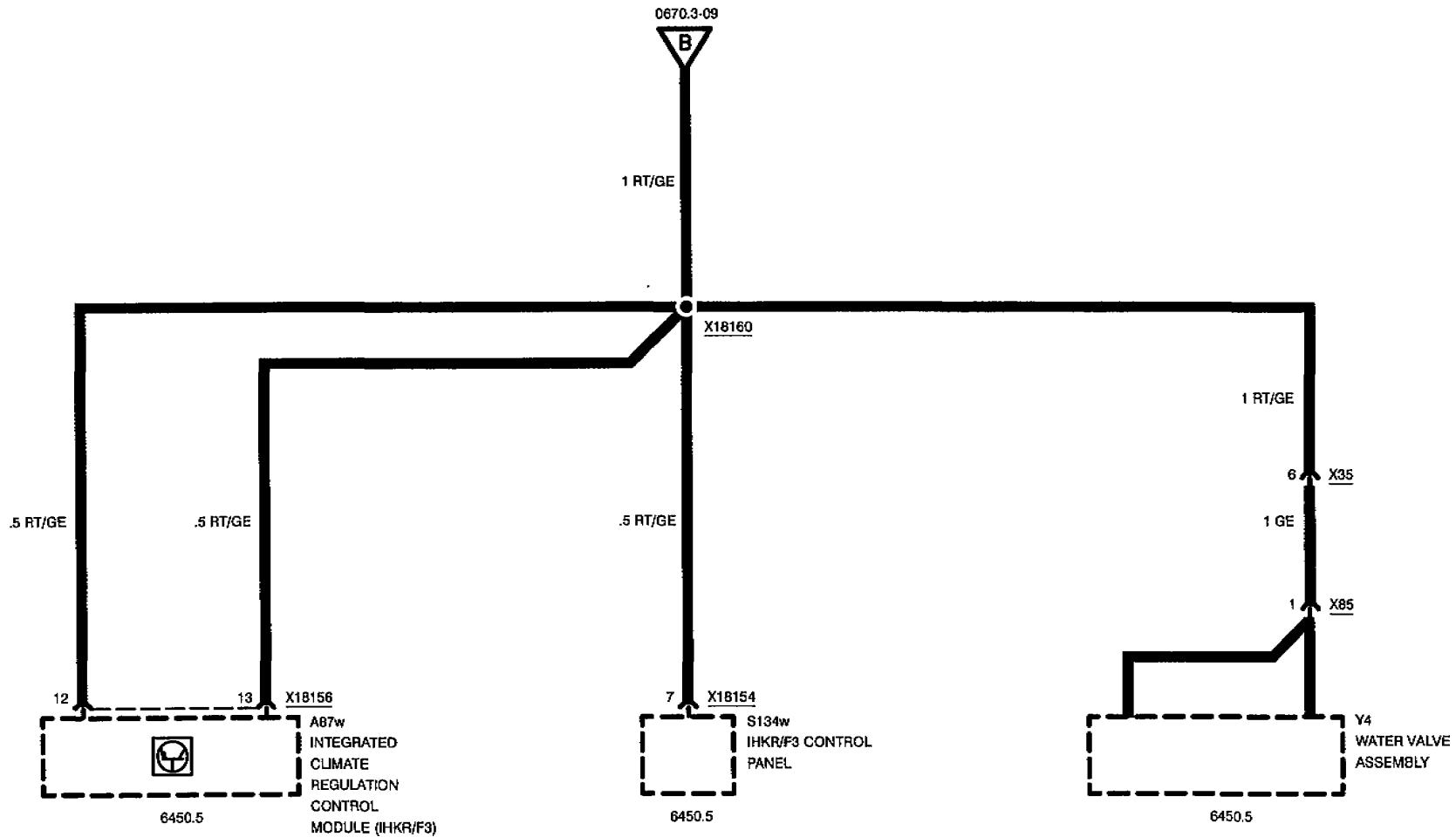
# FUSE DETAILS

FUSE 20

02/97

0670.3-10

1995





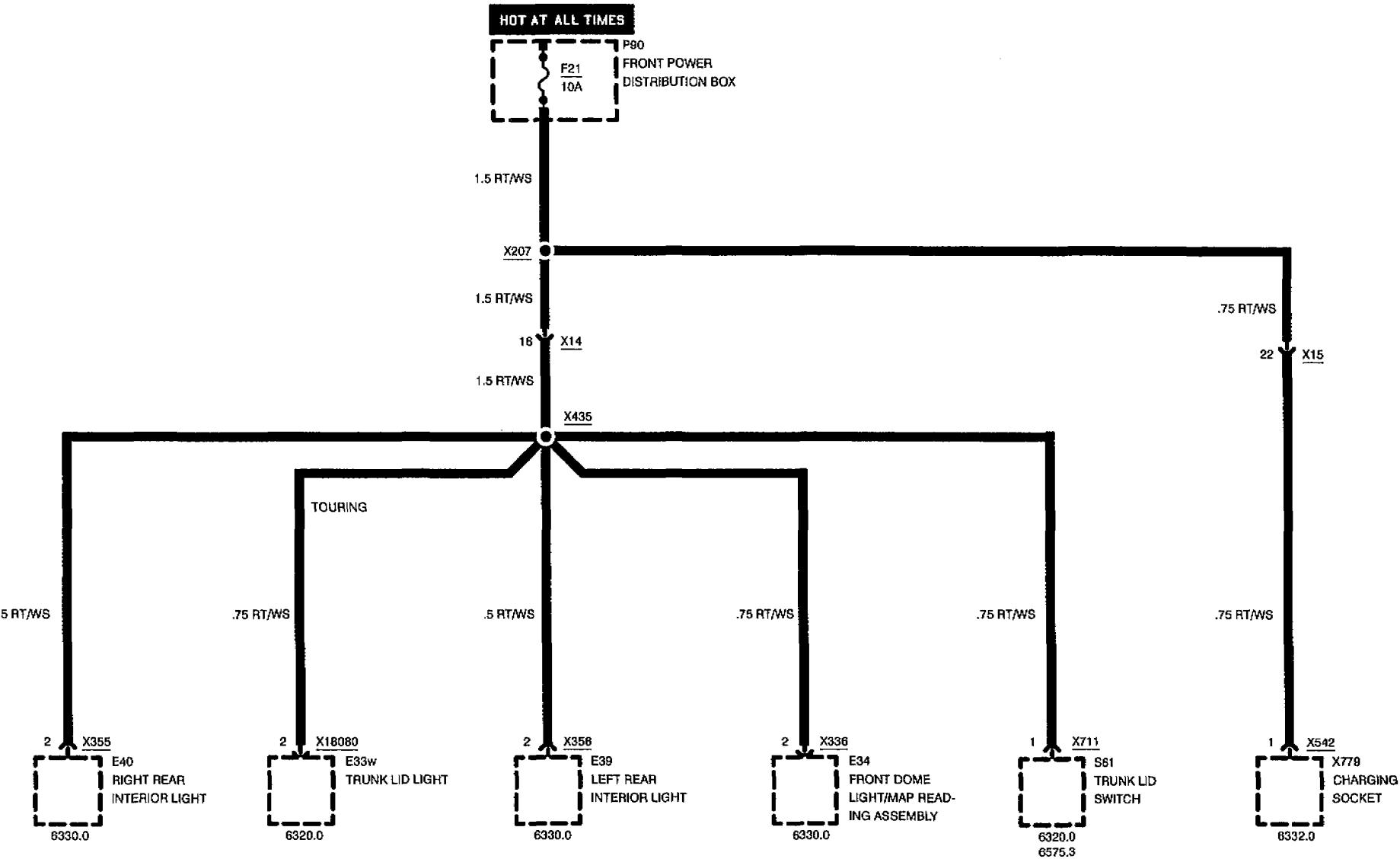
## FUSE DETAILS

### FUSE 21

02/97

0670.3-11

1995





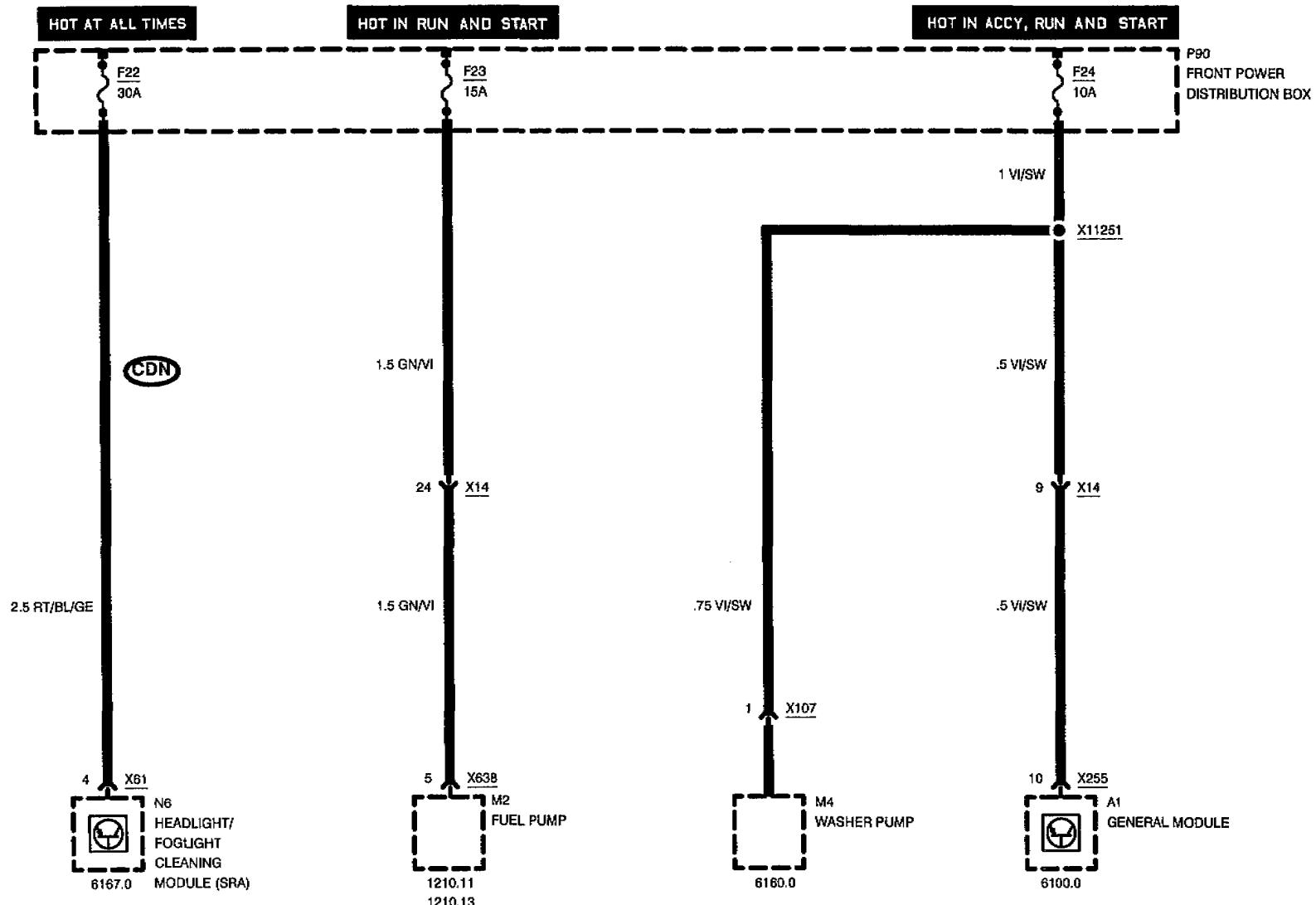
## FUSE DETAILS

### FUSES 22, 23, AND 24

02/97

0670.3-12

1995



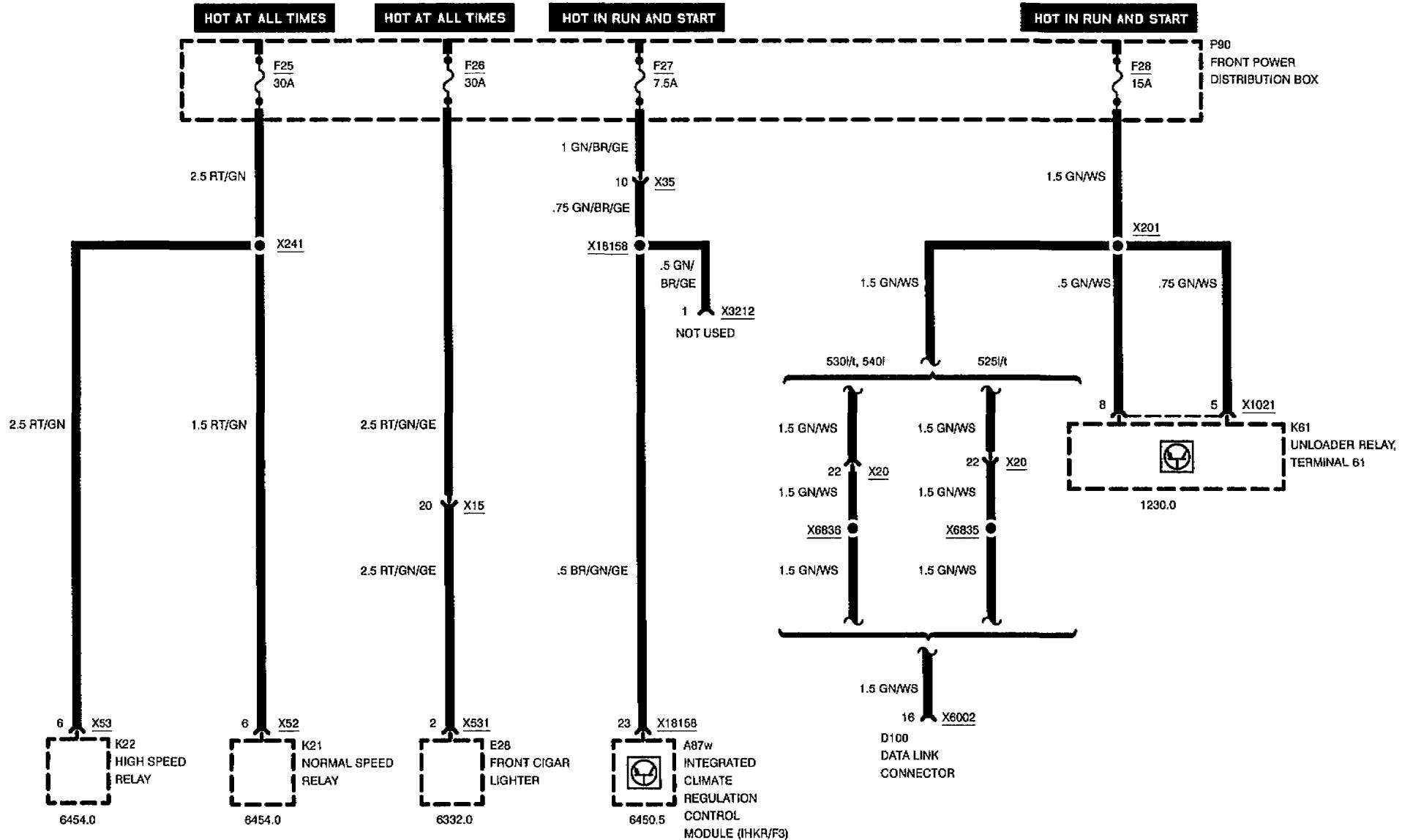


## FUSE DETAILS

### FUSES 25, 26, 27, AND 28

02/97

0670-3-13

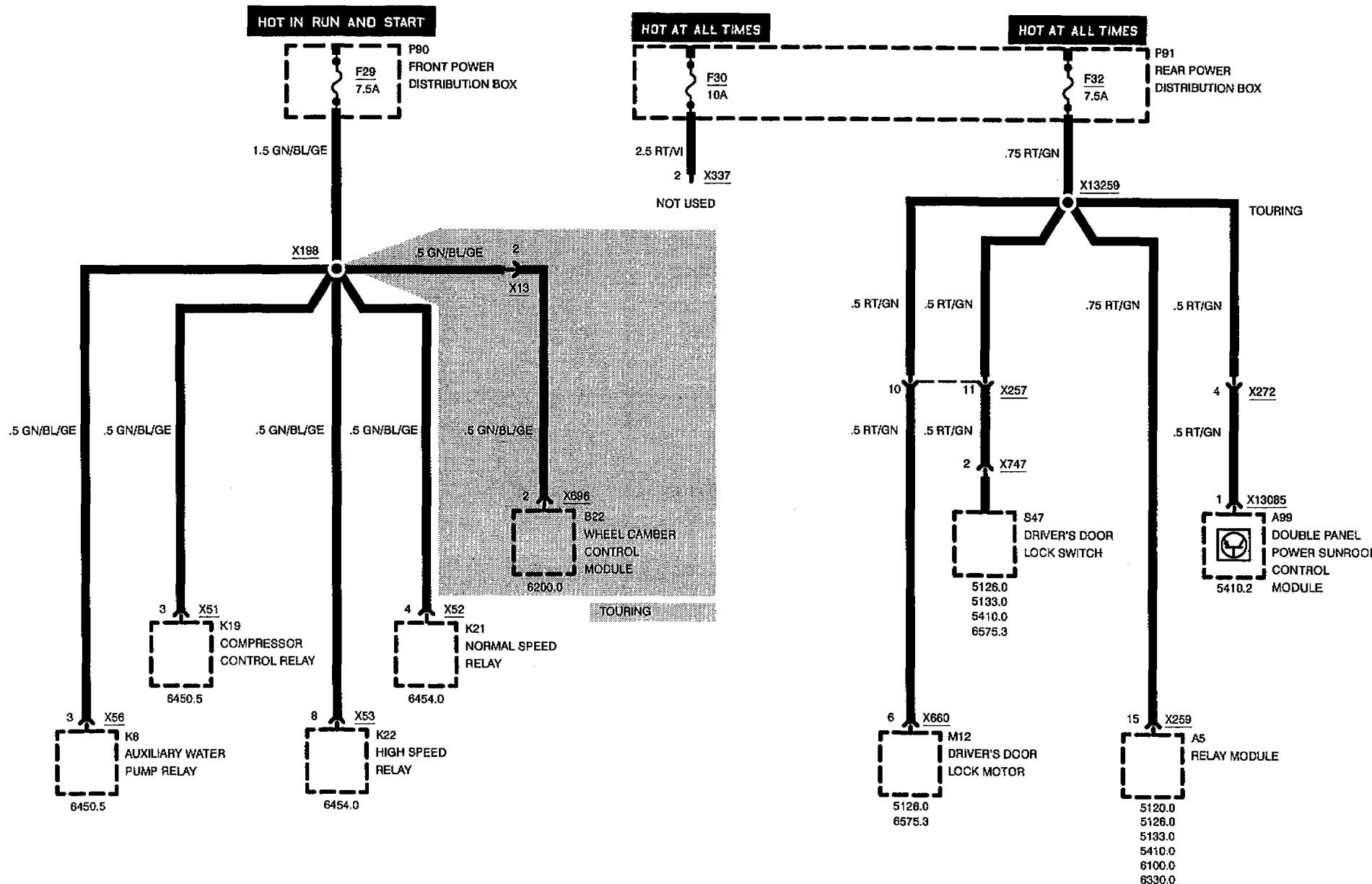


1995



## FUSE DETAILS

### FUSES 29, 30, AND 32





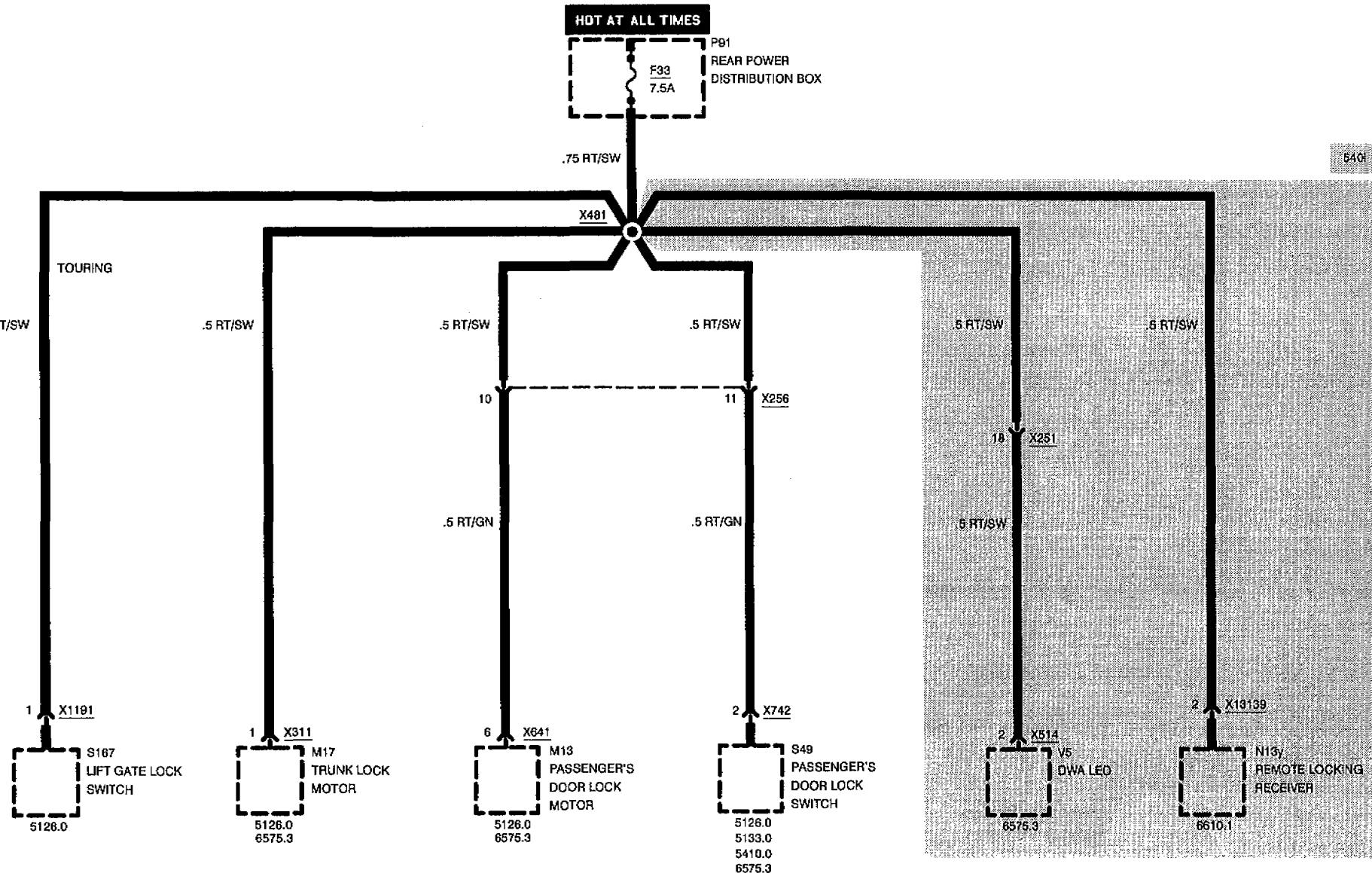
## FUSE DETAILS

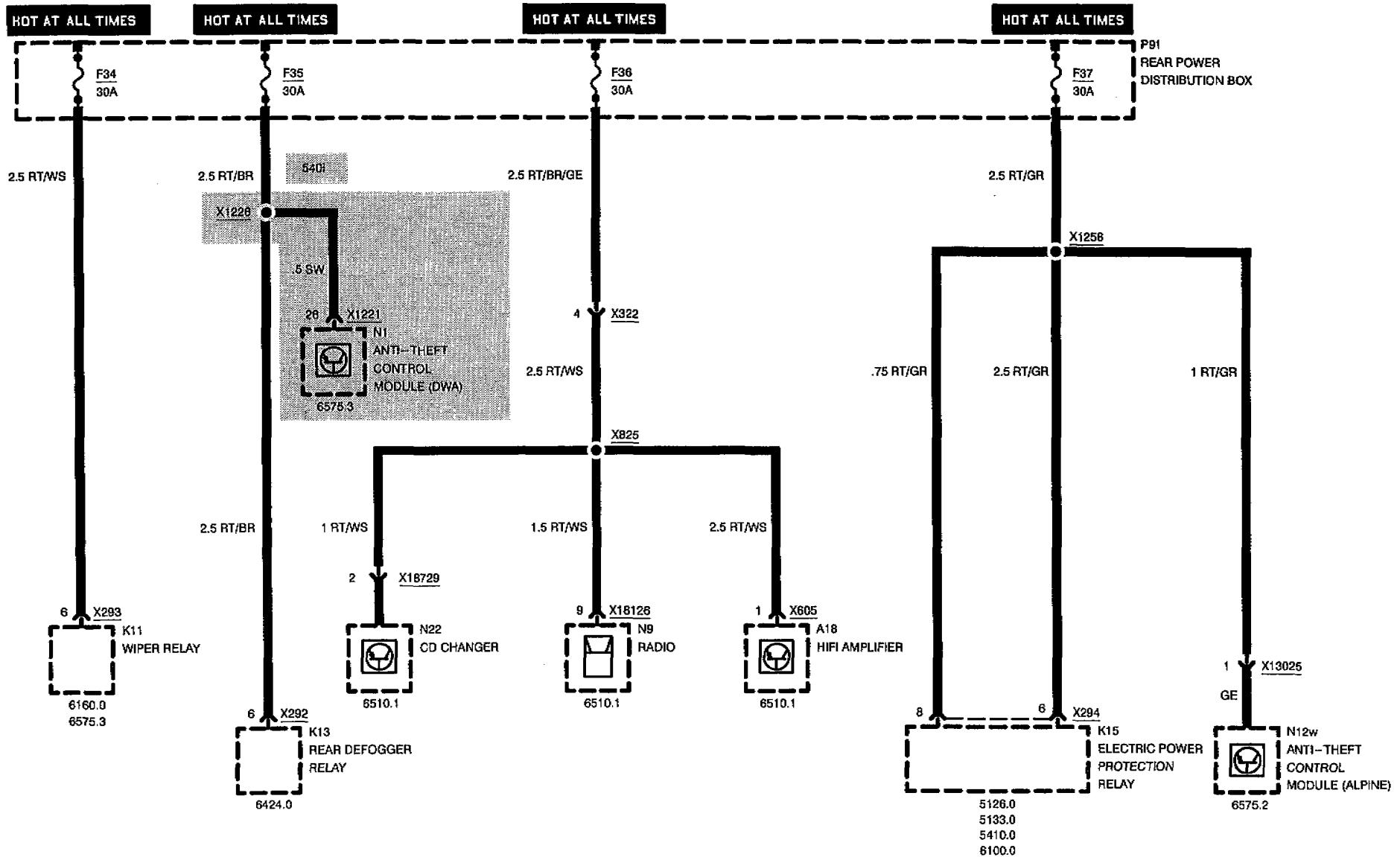
### FUSE 33

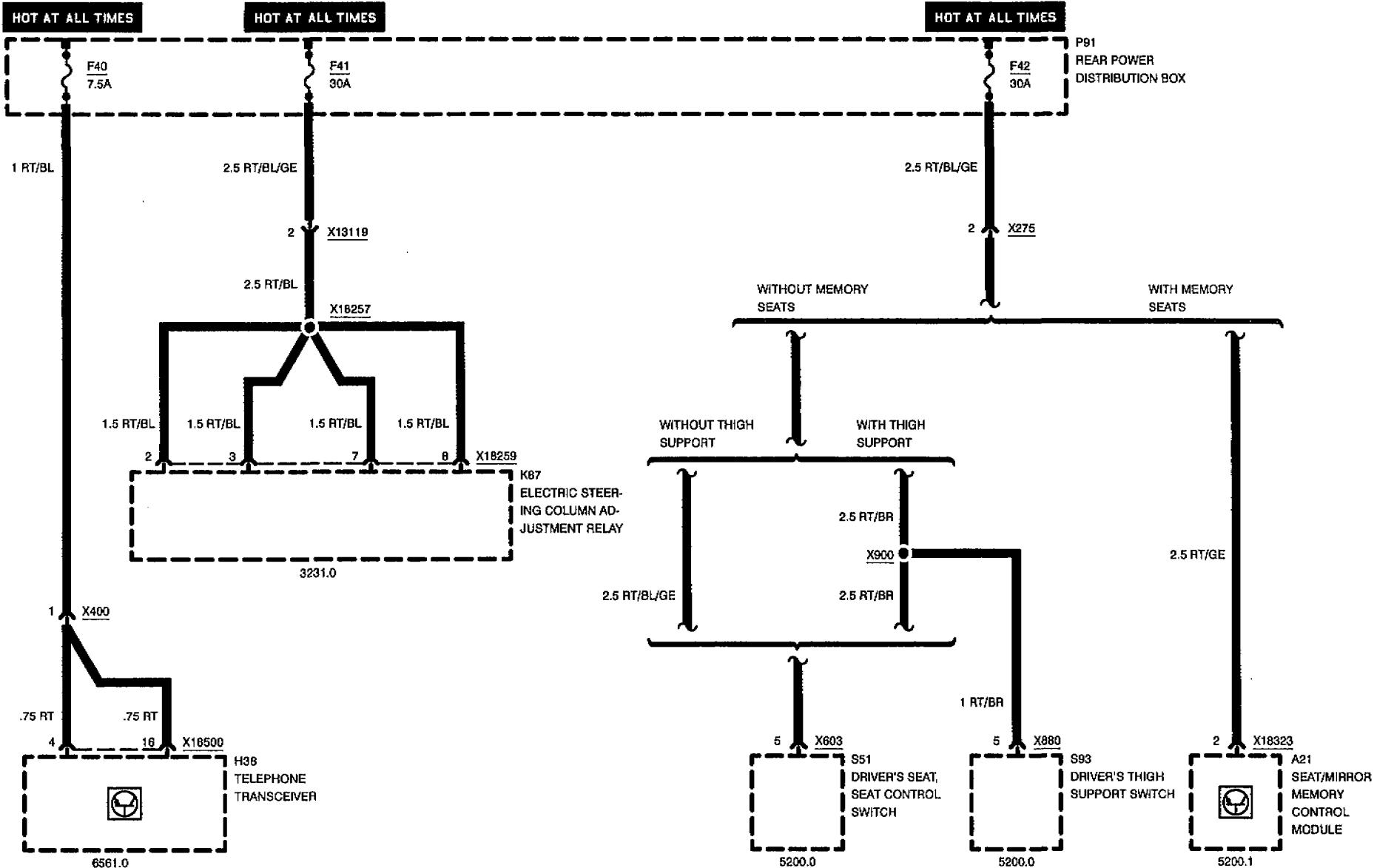
02/97

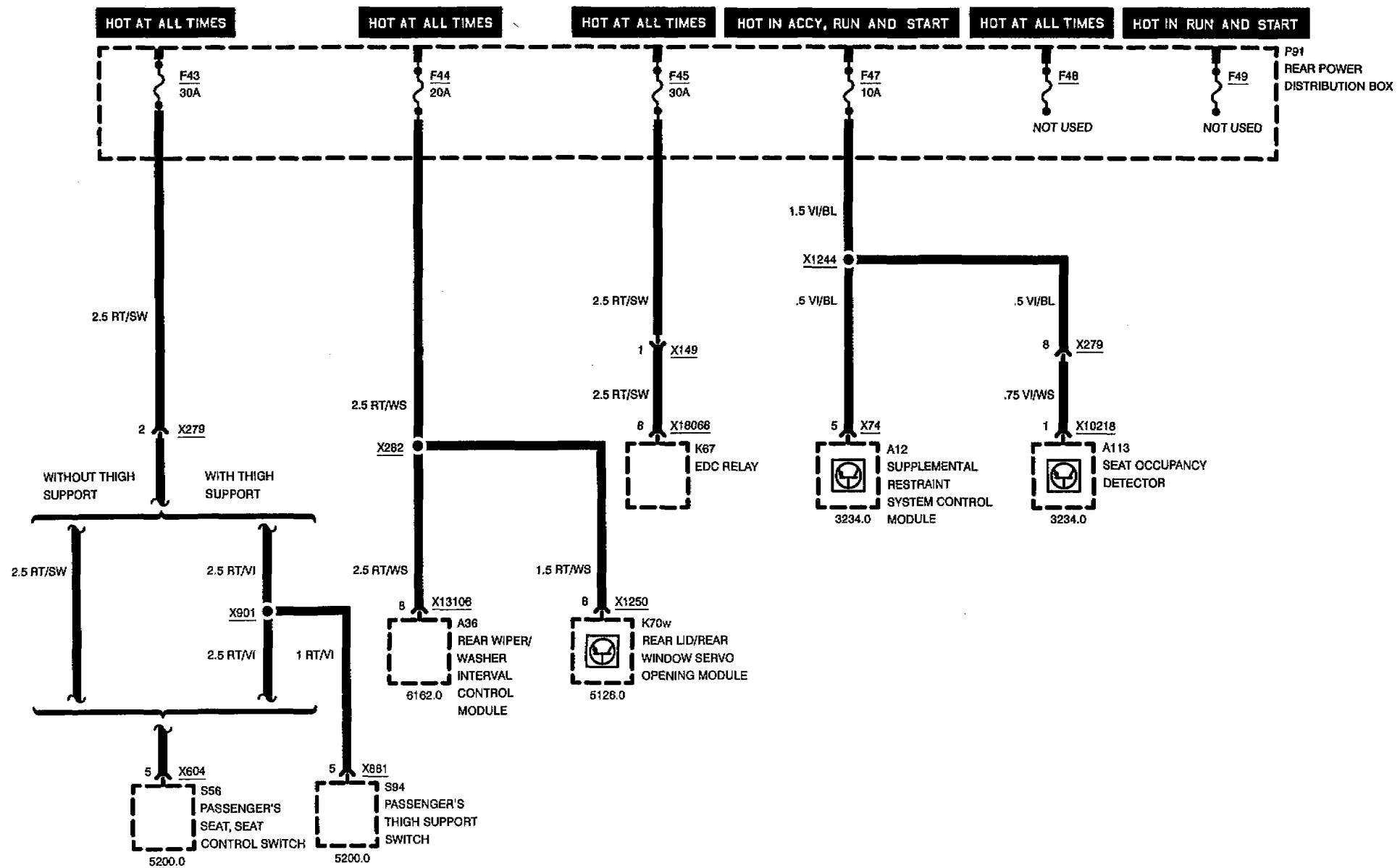
0670.3-15

1995











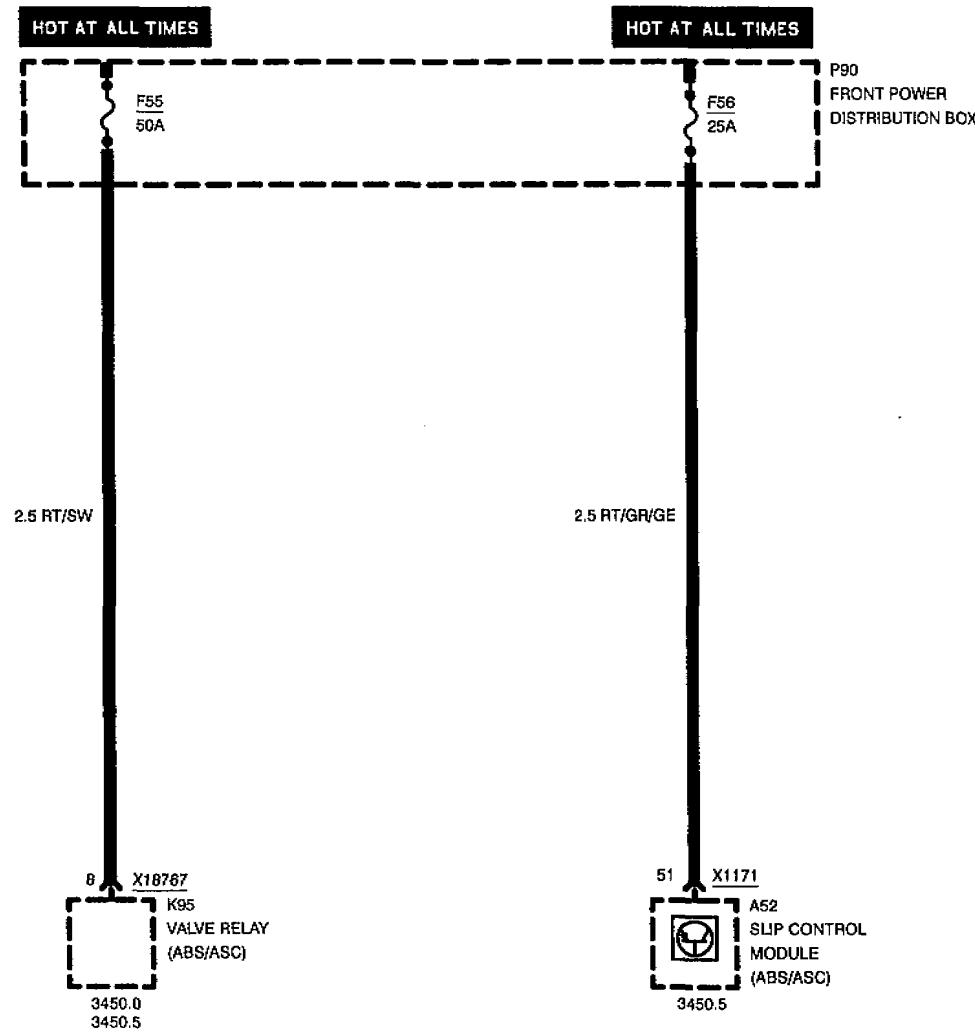
## FUSE DETAILS

### FUSES 55 AND 56

02/97

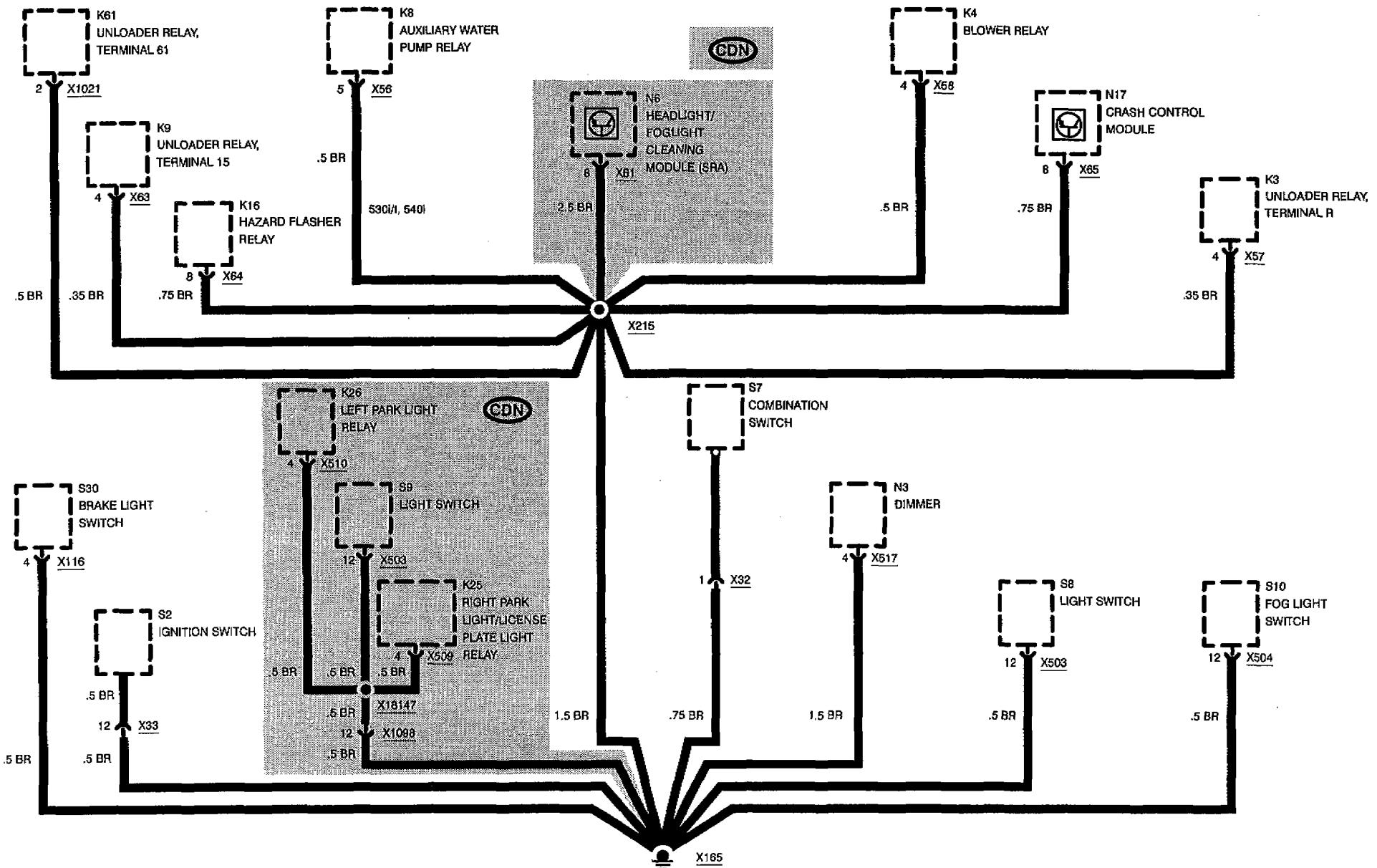
0670.3-19

1995



# GROUND DISTRIBUTION

## GROUND X165





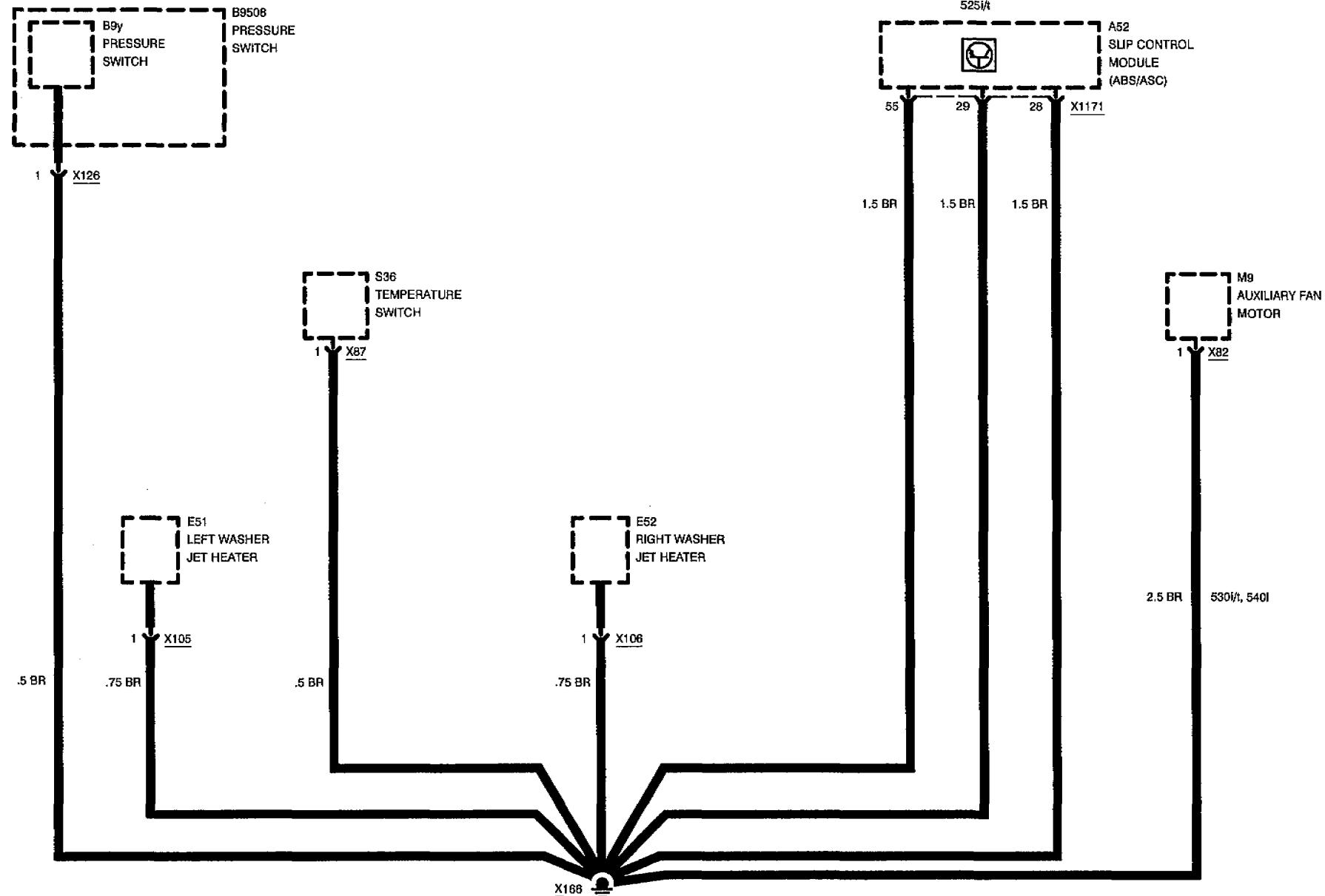
# GROUND DISTRIBUTION

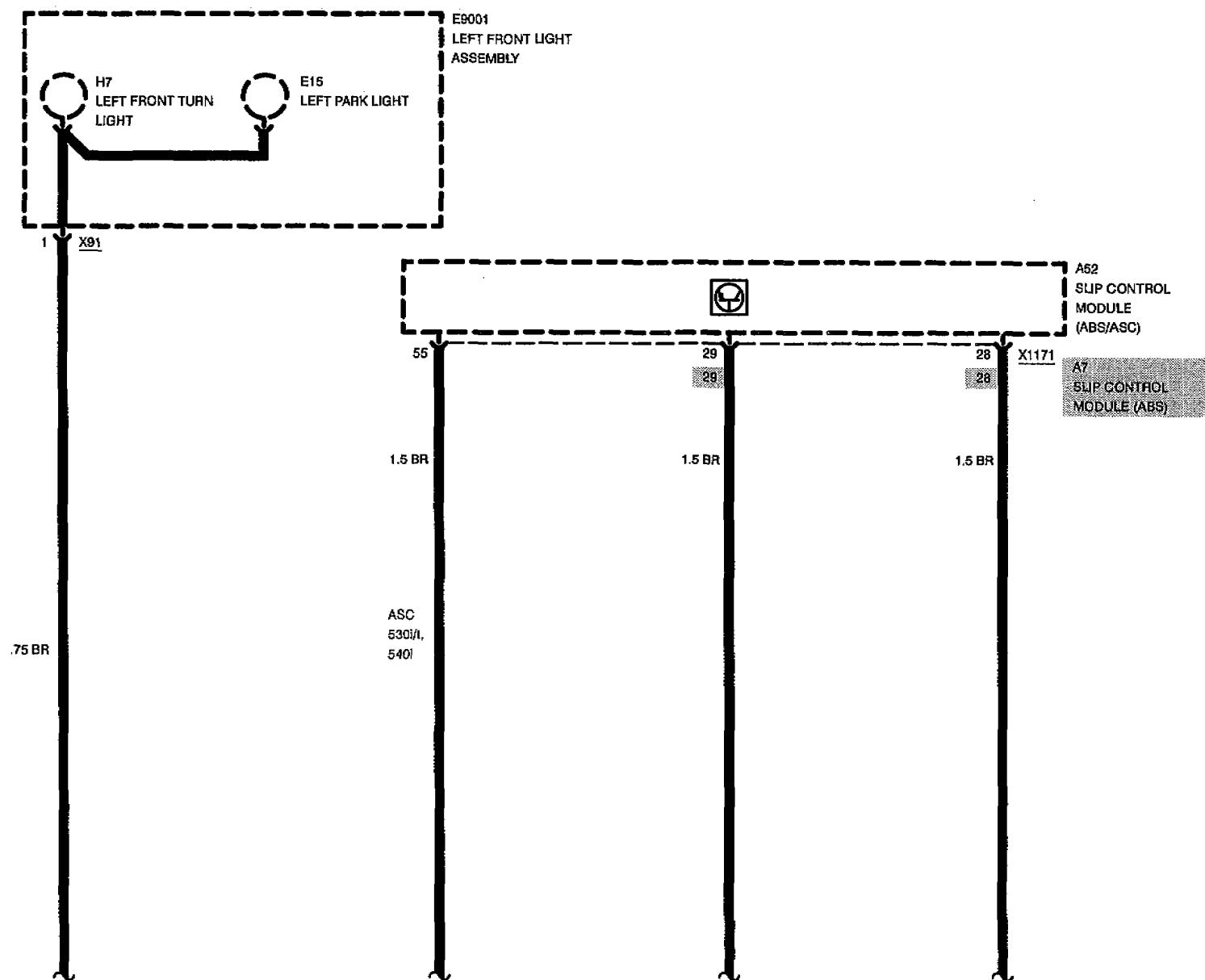
## GROUND X166

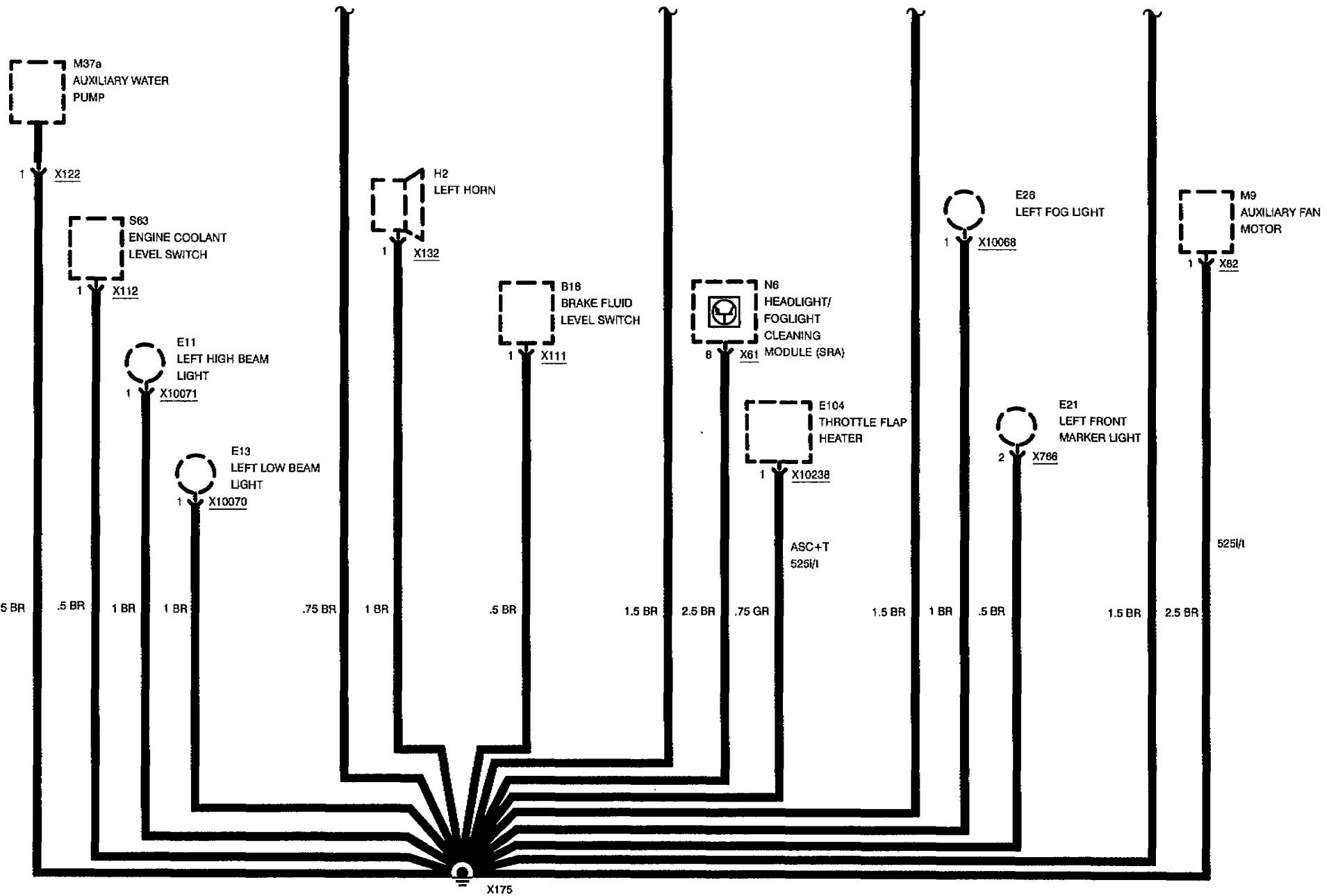
02/97

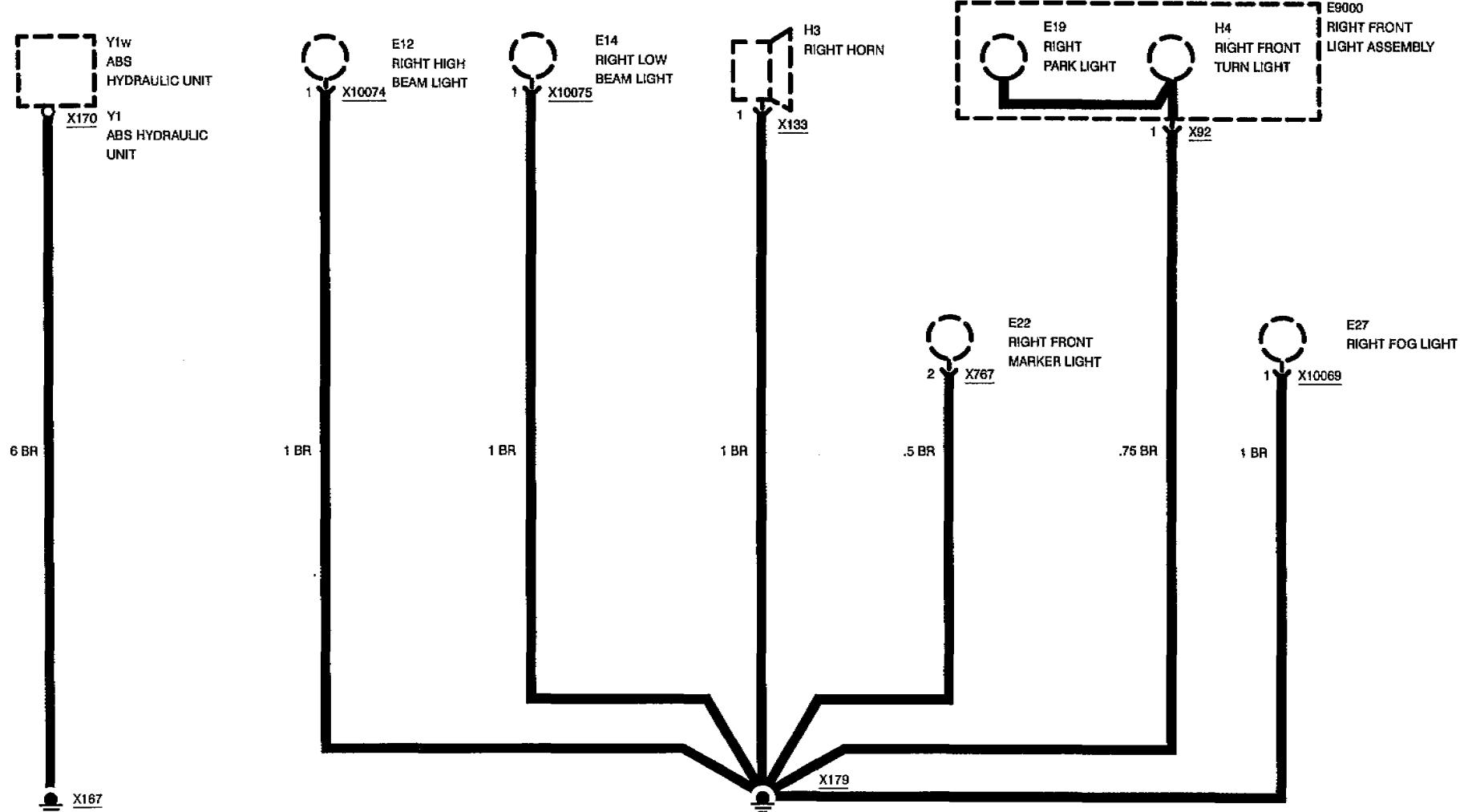
0670.4-01

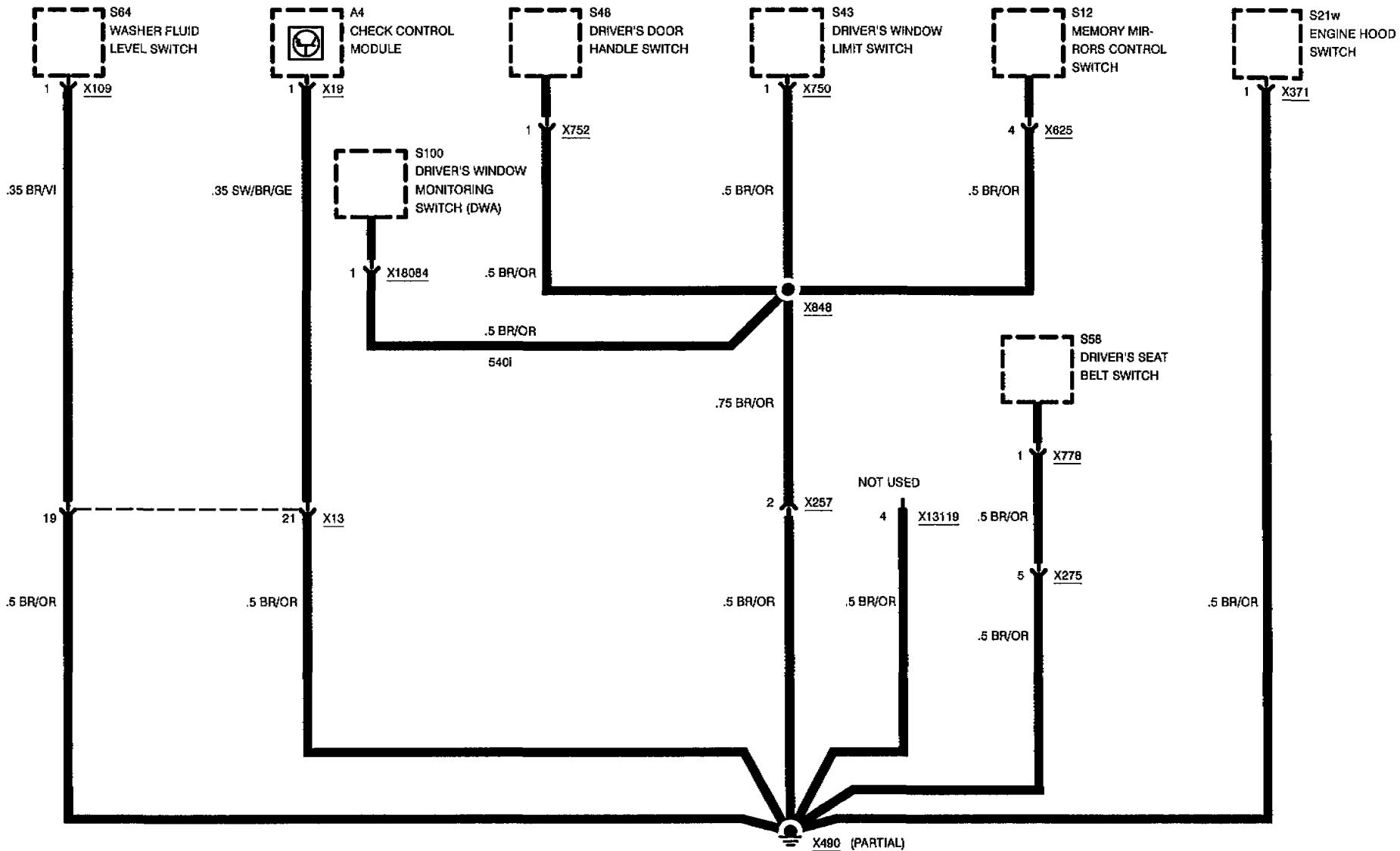
1995





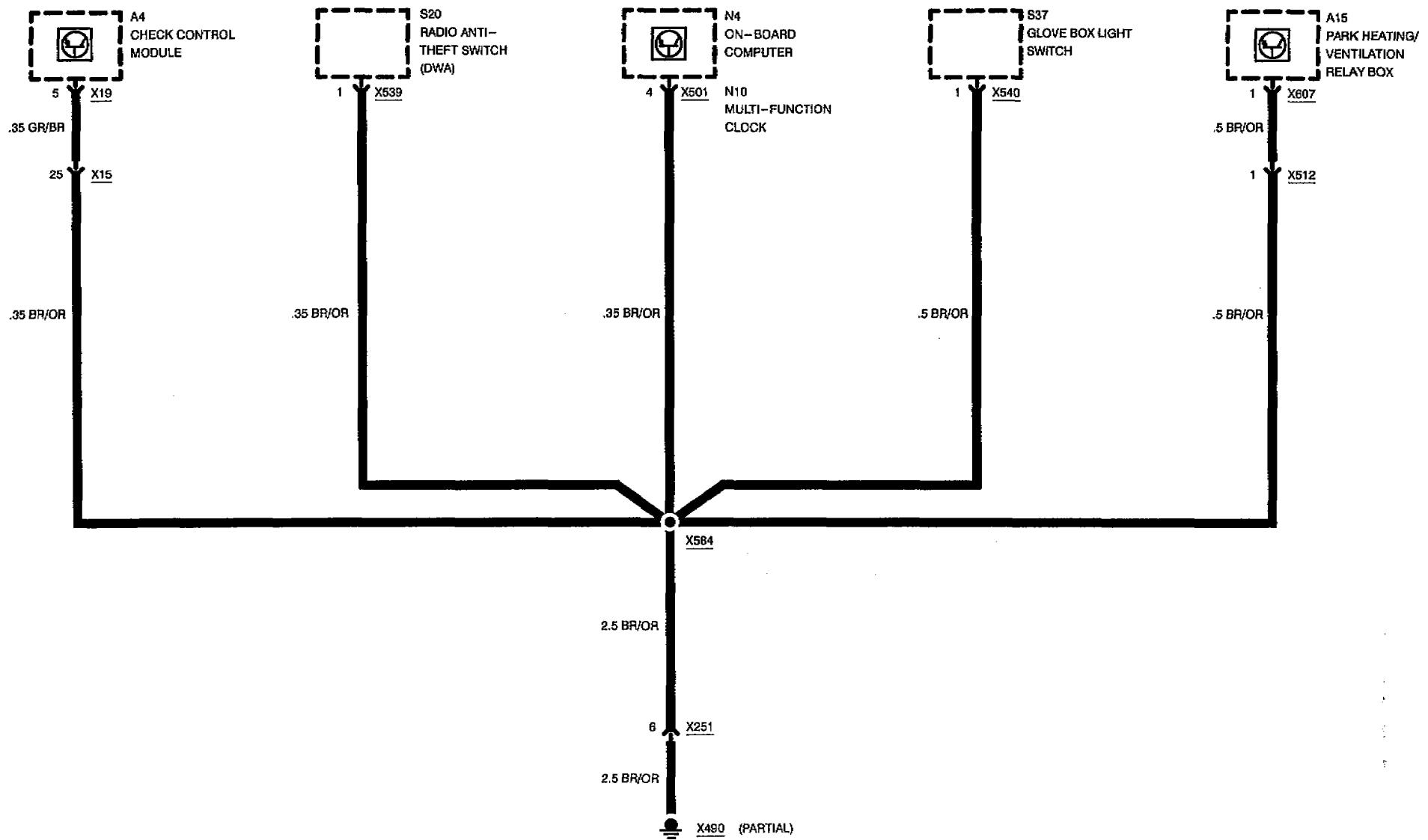






0670.4-05

1995





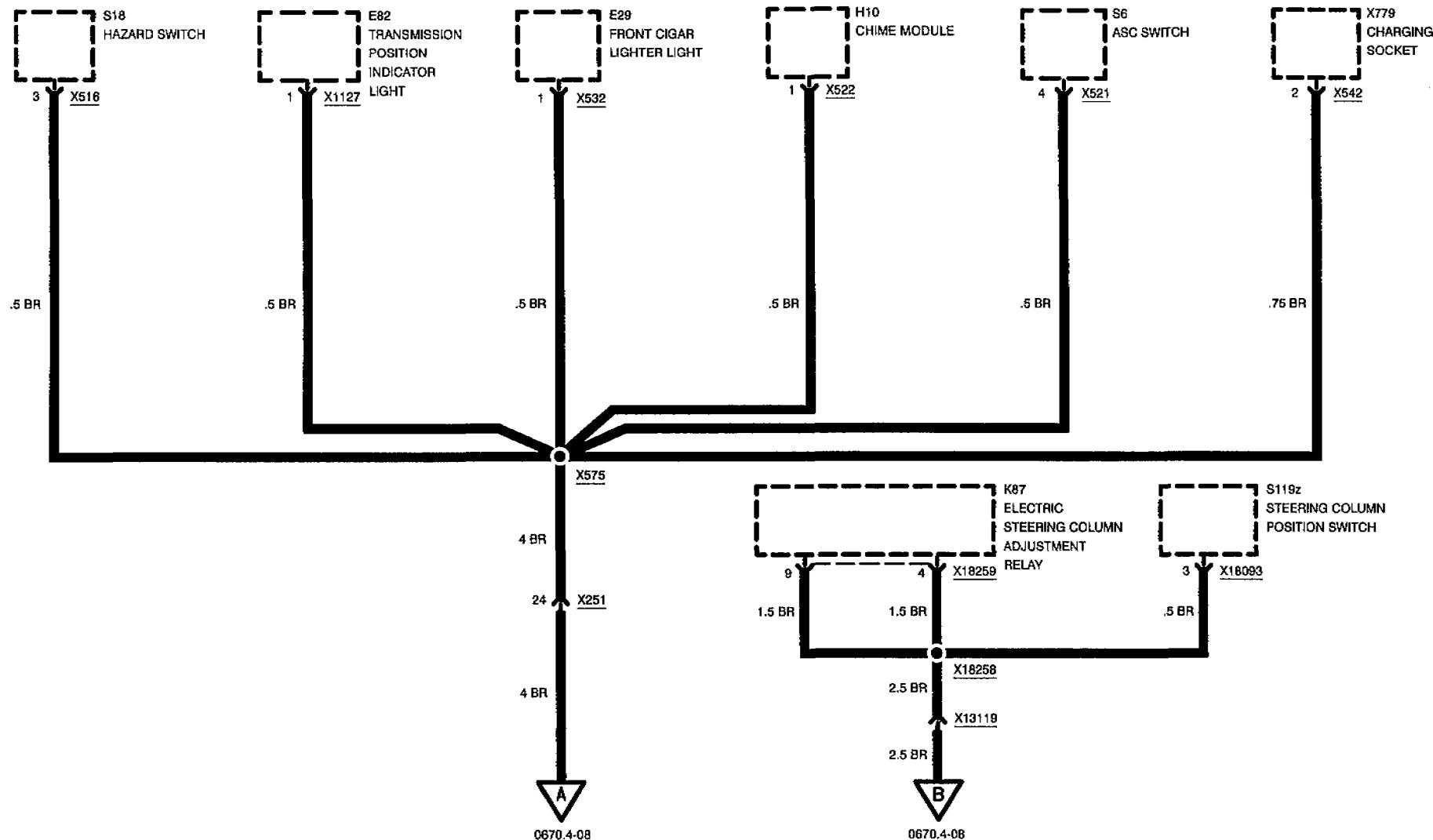
# GROUND DISTRIBUTION

## GROUND X491

02/97

0670.4-07

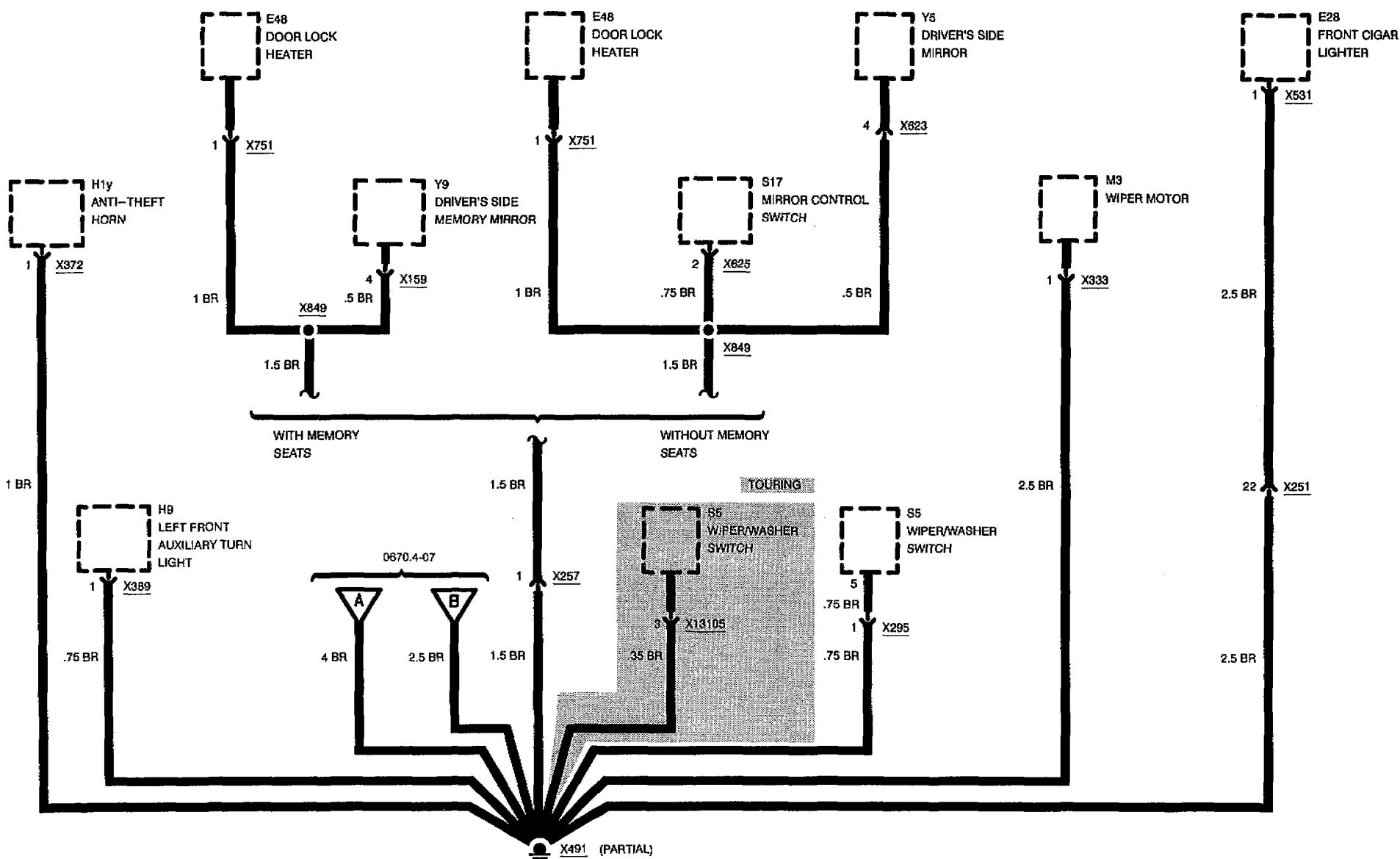
1995





# GROUND DISTRIBUTION

## GROUND X491



02/97

0670.4-08

1995

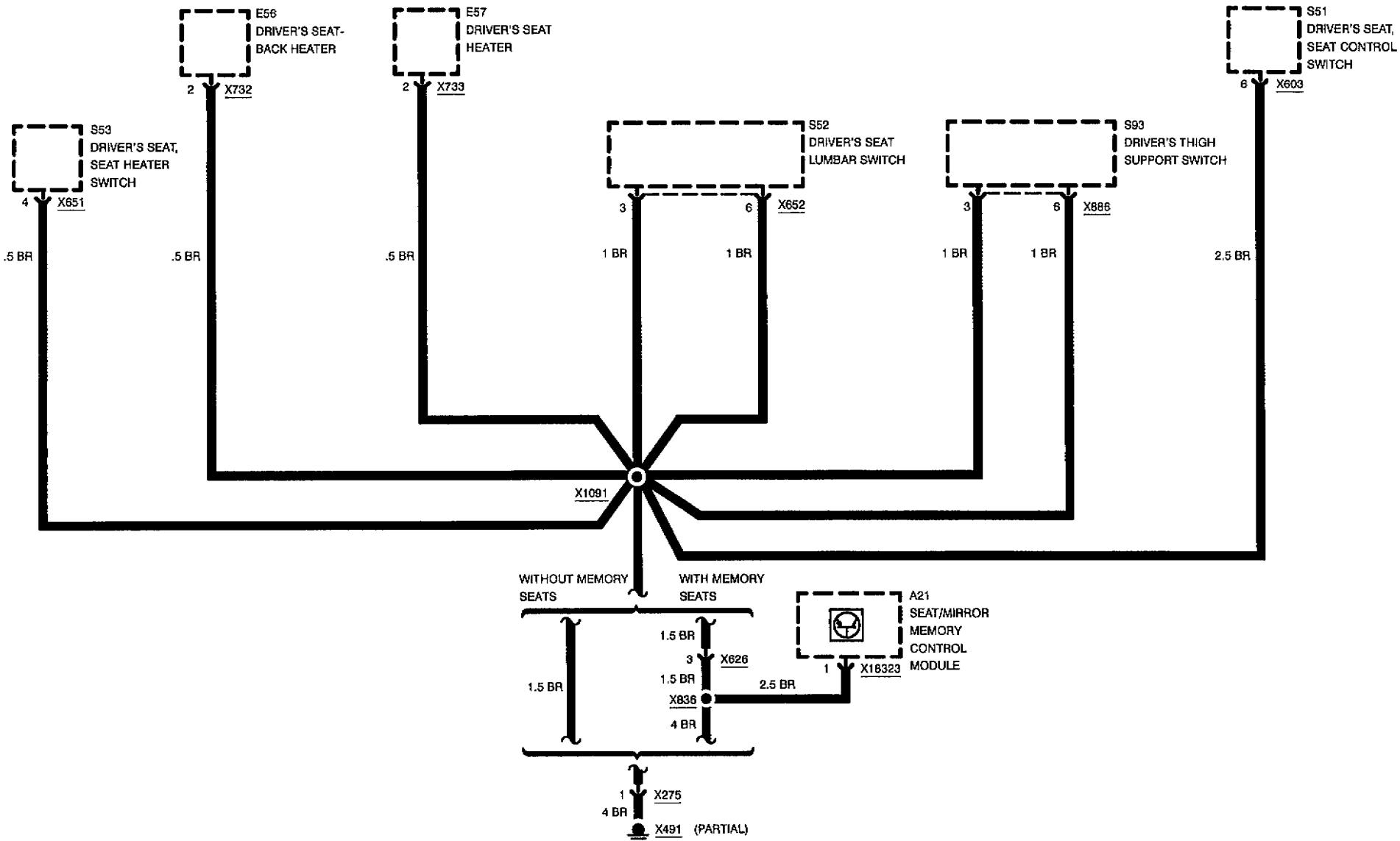


# GROUND DISTRIBUTION

## GROUND X491

02/97

0670.4-09



1995



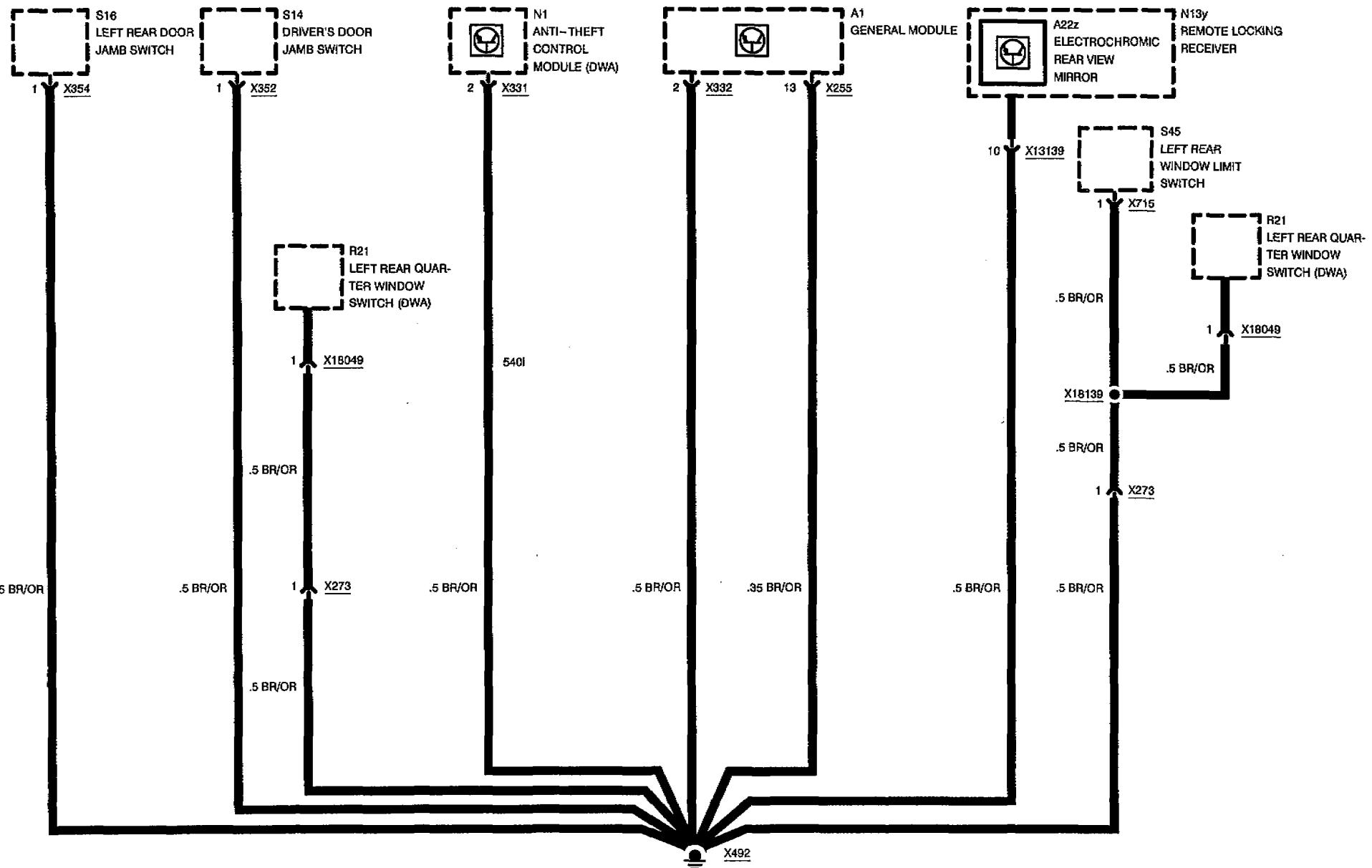
# GROUND DISTRIBUTION

## GROUND X492

02/97

0670-4-10

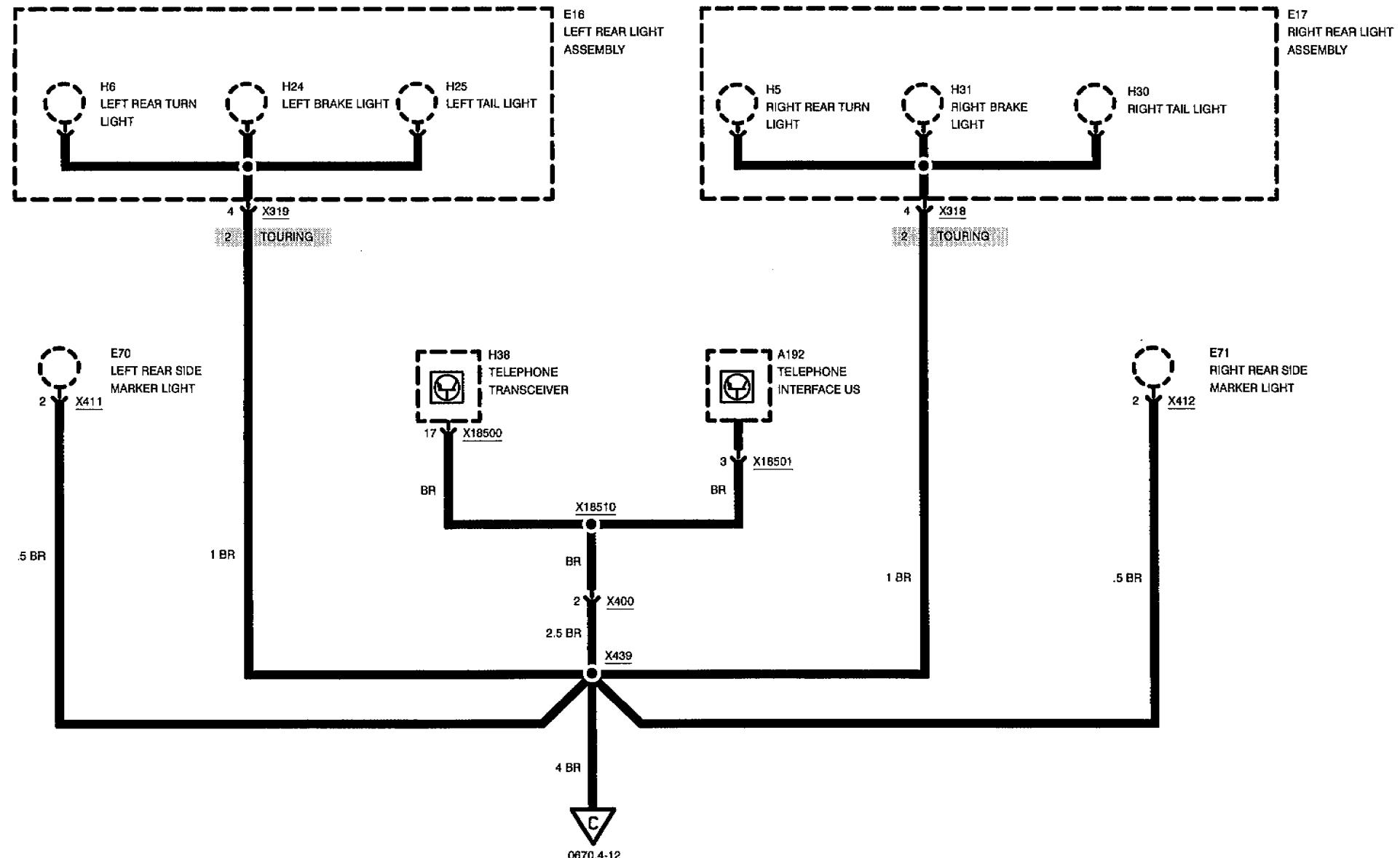
1995





# GROUND DISTRIBUTION

## GROUND X493





# GROUND DISTRIBUTION

## GROUND X493

E39  
LEFT REAR  
INTERIOR LIGHT

1 X356

S39  
SUNROOF  
POSITION SWITCH

1 6

X627

S38  
SUNROOF  
SWITCH

2 6

X643

E34  
FRONT DOME  
LIGHT/  
MAP READING  
ASSEMBLY

1 X336

.5 BR

.75 BR

.5 BR

.5 BR

.5 BR

TOURING

A99  
DOUBLE PANEL  
POWER SUNROOF  
CONTROL  
MODULE

6 X13085

2.5 BR

S38  
SUNROOF SWITCH

2 X643

5 BR

X631

TOURING

A1  
GENERAL MODULE

14 X255

.5 BR

0670.4-11

C

4 BR

2.5 BR

1 X272

X493 (PARTIAL)



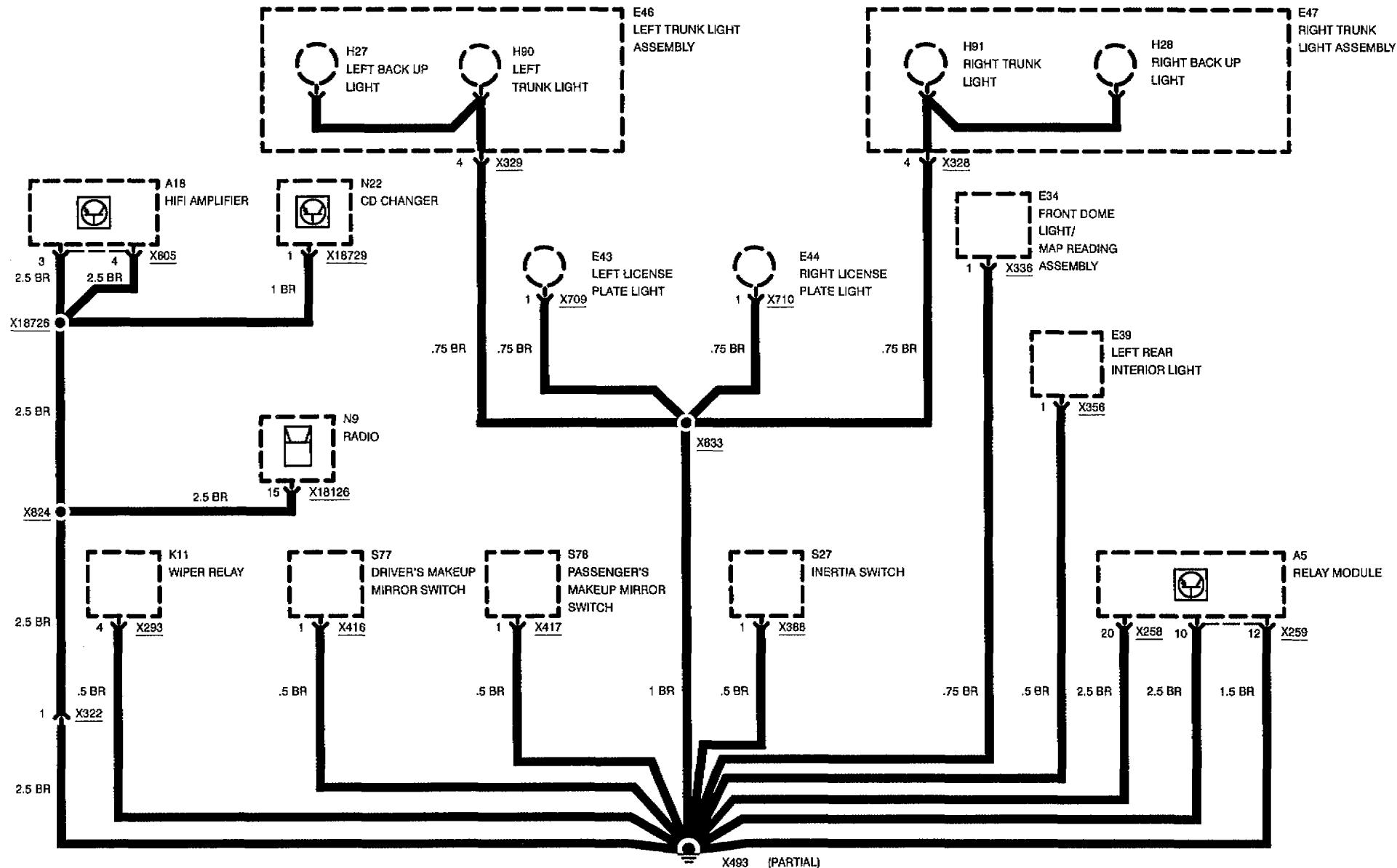
# GROUND DISTRIBUTION

## GROUND X493

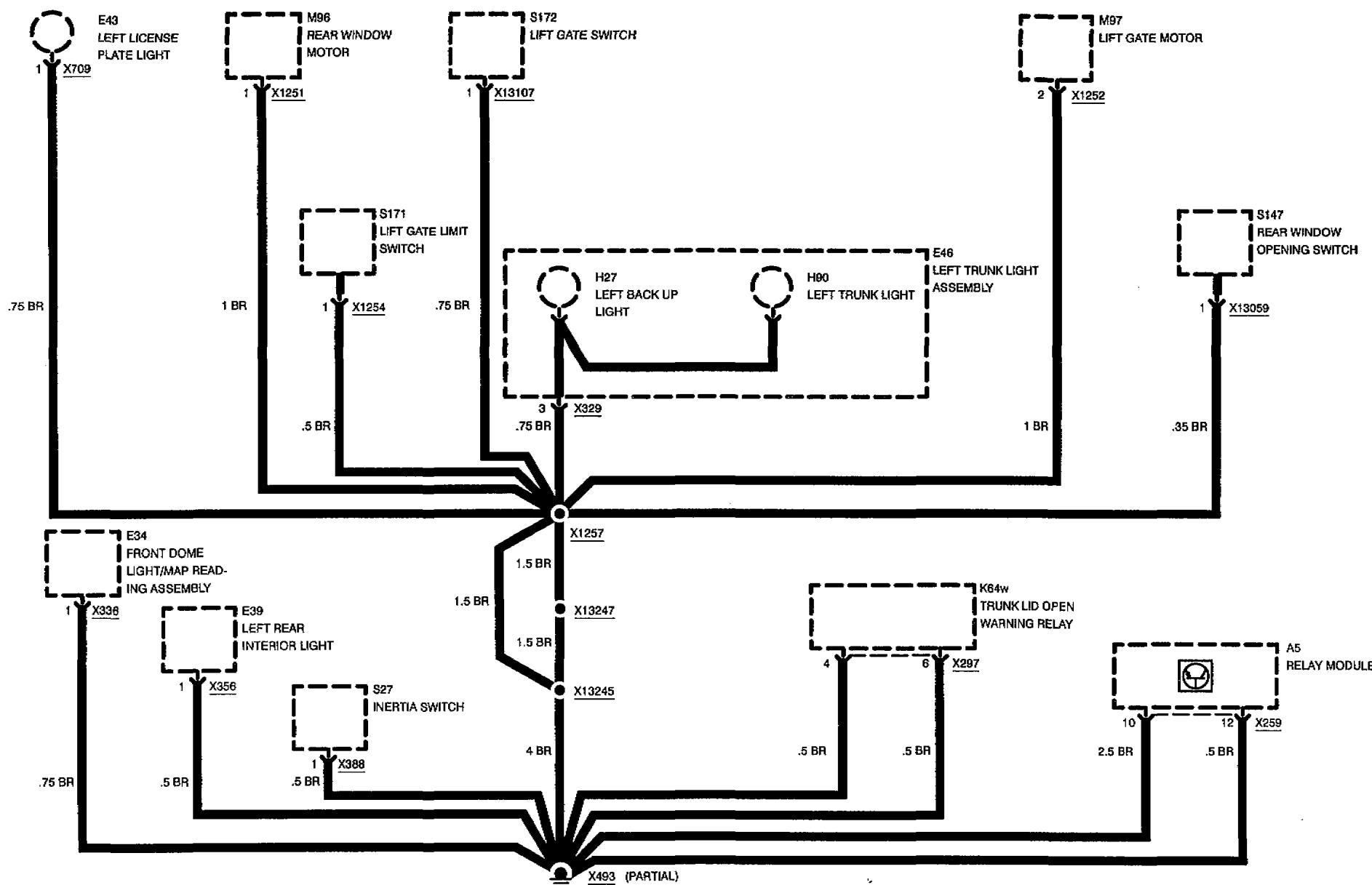
02/97

0670.4-13

1995



## GROUND X493





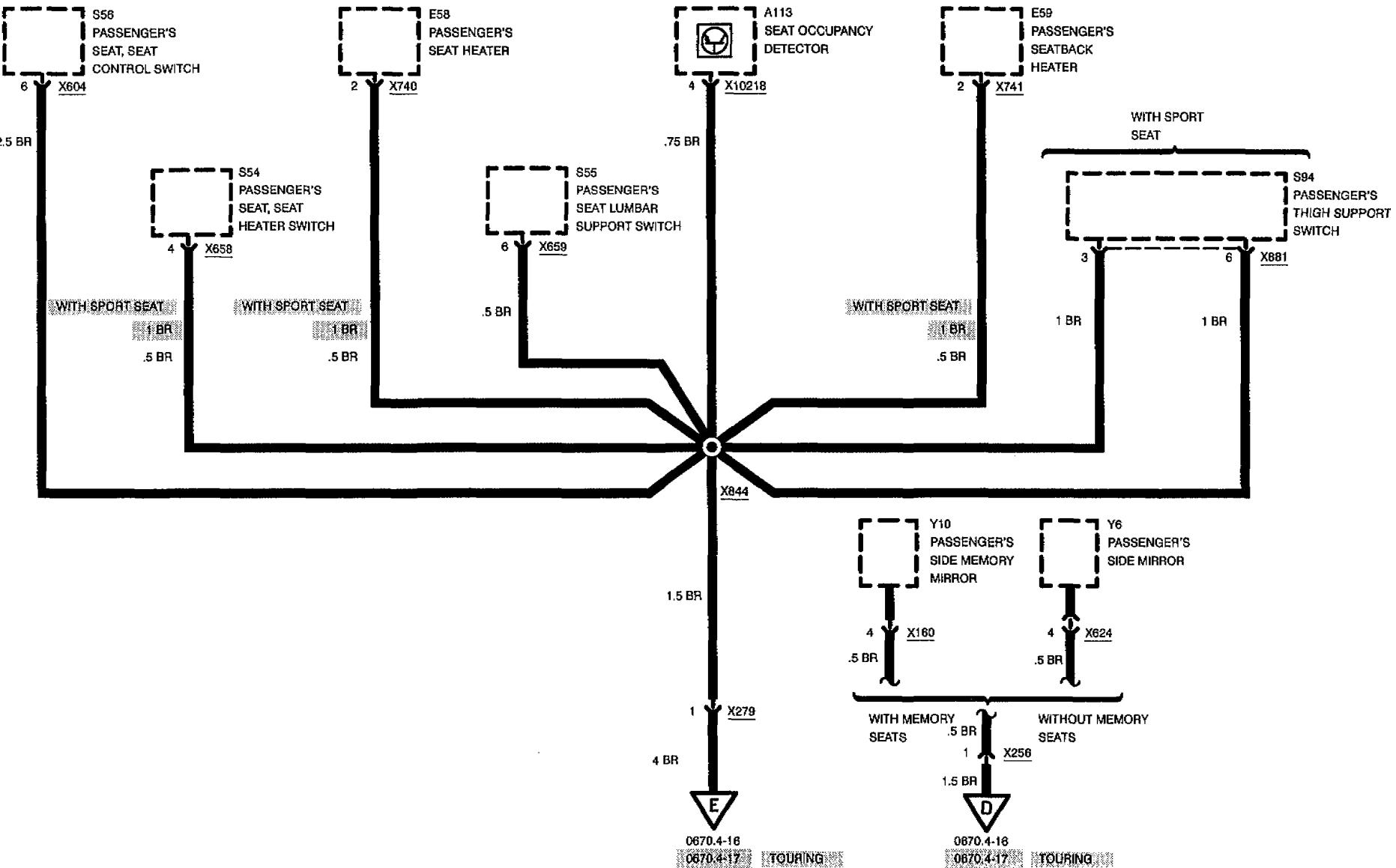
## GROUND DISTRIBUTION

### GROUND X495

02/97

0670.4-15

1995





# GROUND DISTRIBUTION

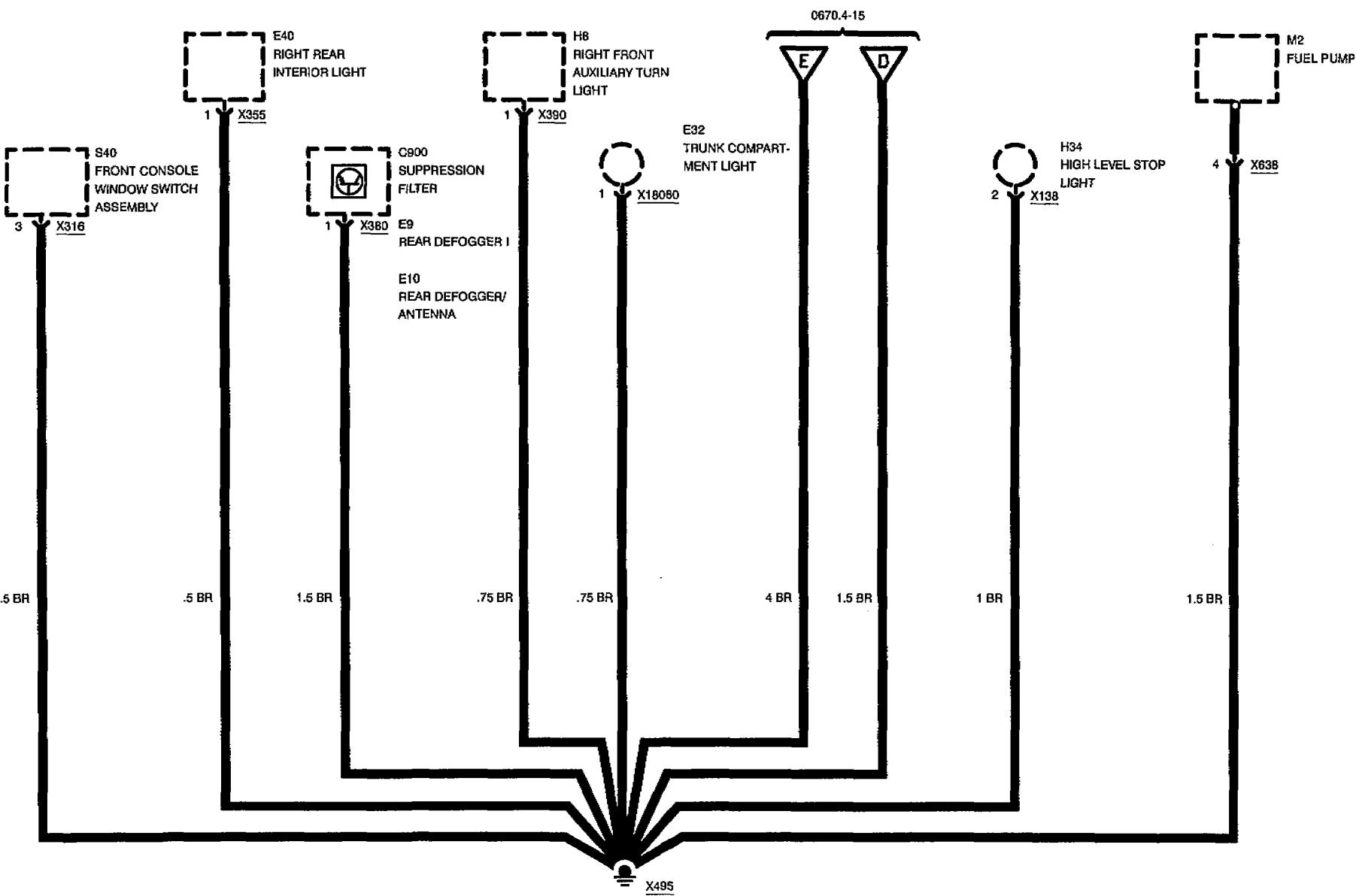
## GROUND X495

SEDAN

02/97

0670-4-16

1995

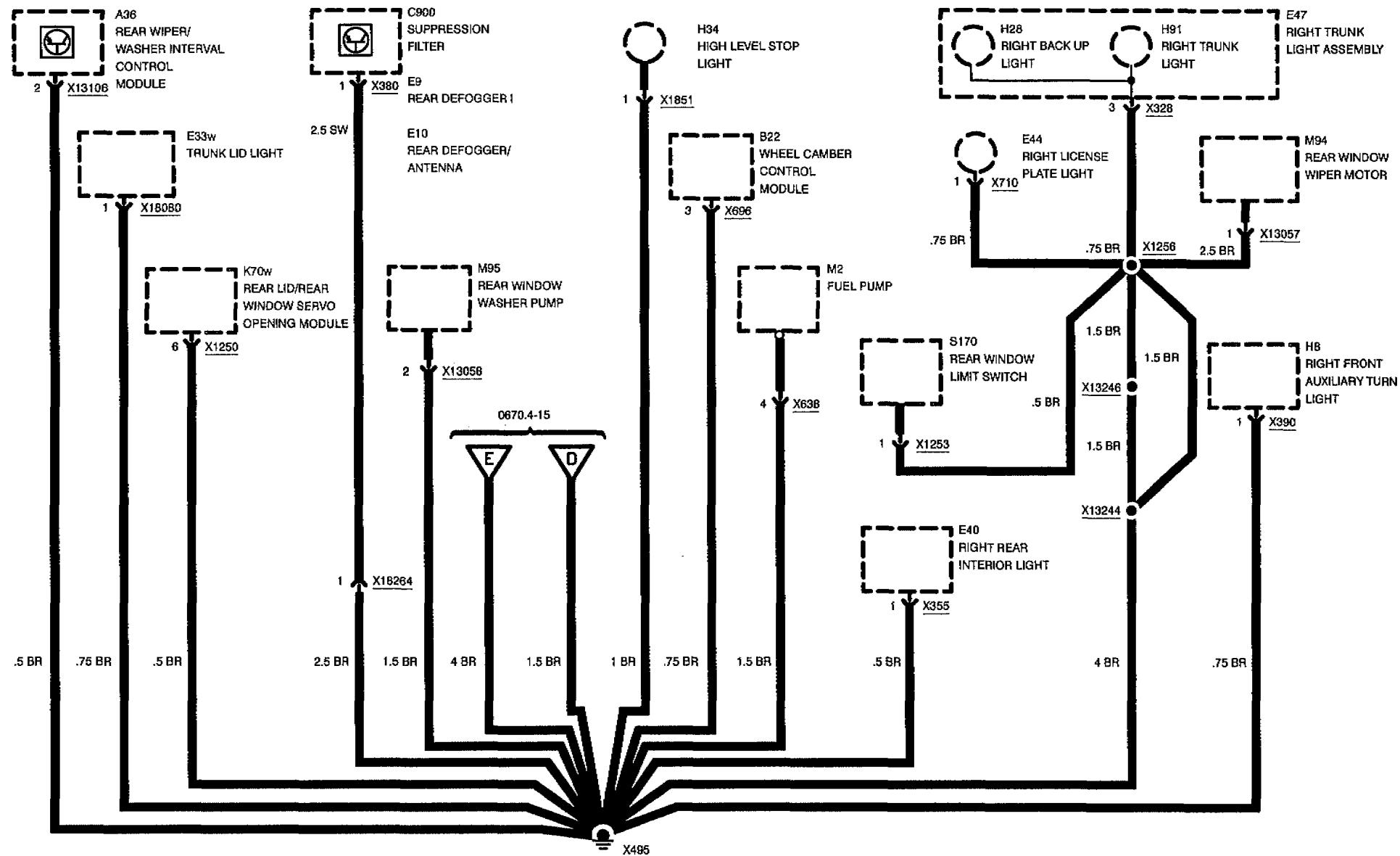




# GROUND DISTRIBUTION

## GROUND X495

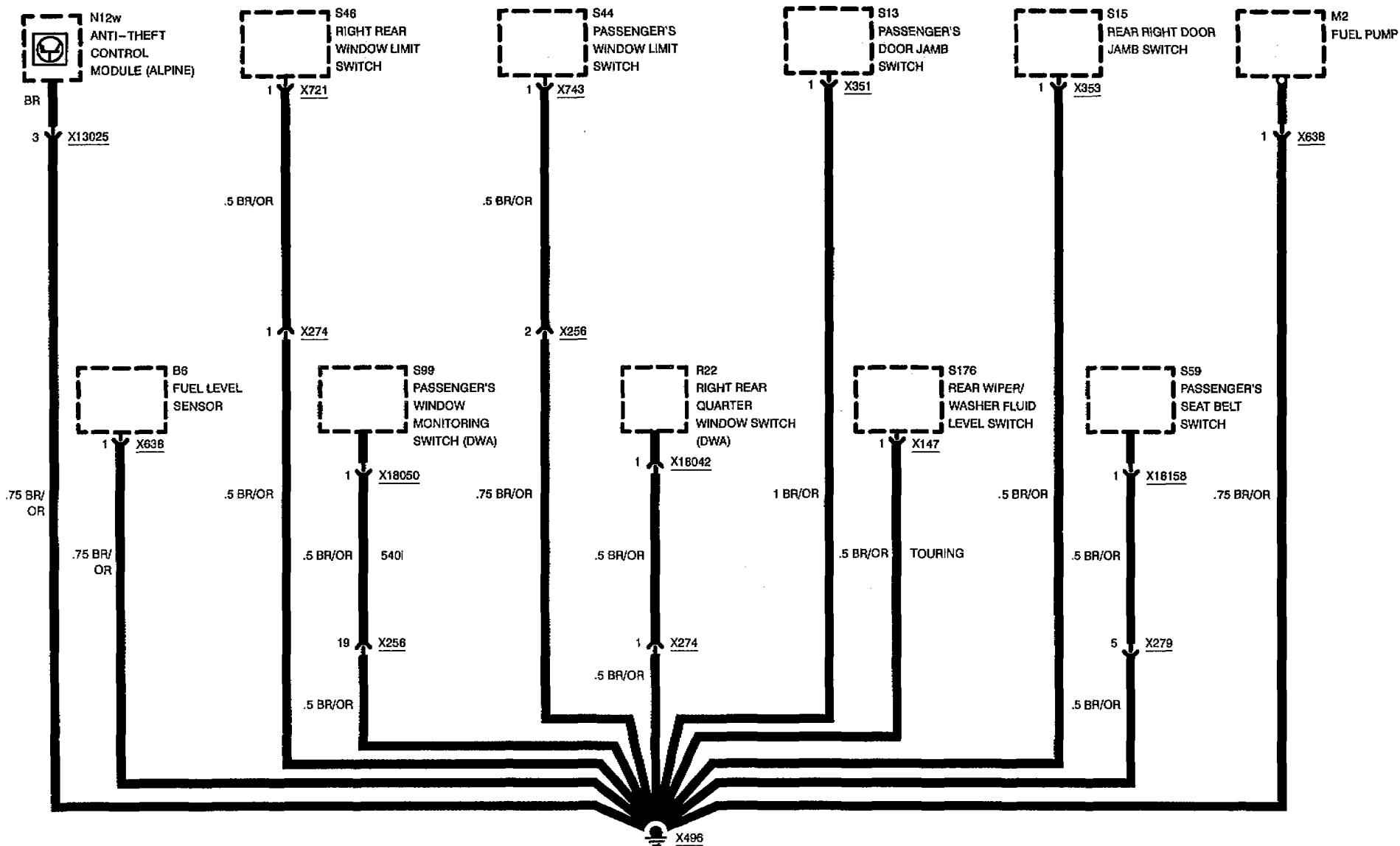
TOURING





# GROUND DISTRIBUTION

## GROUND X496



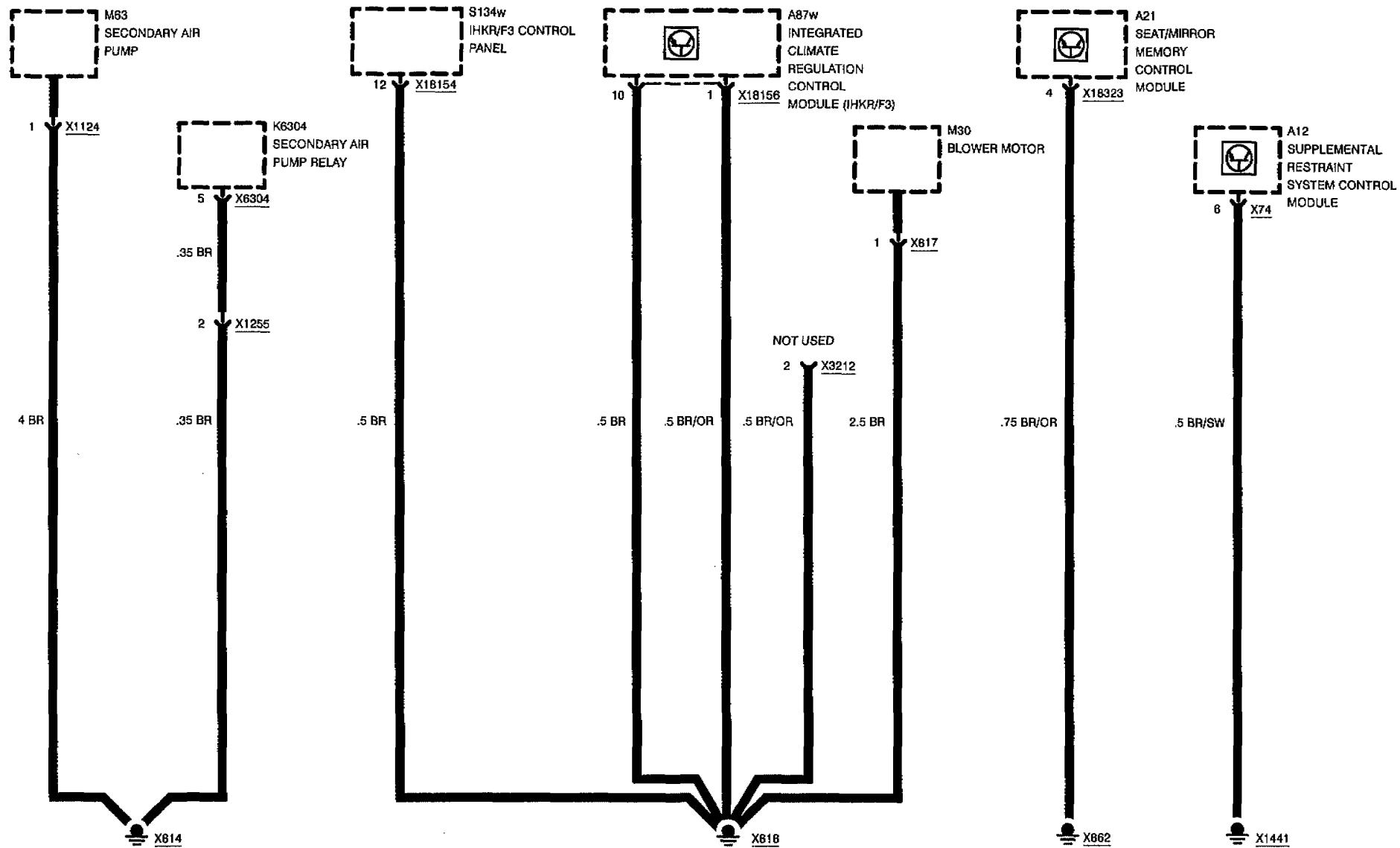


## GROUND DISTRIBUTION

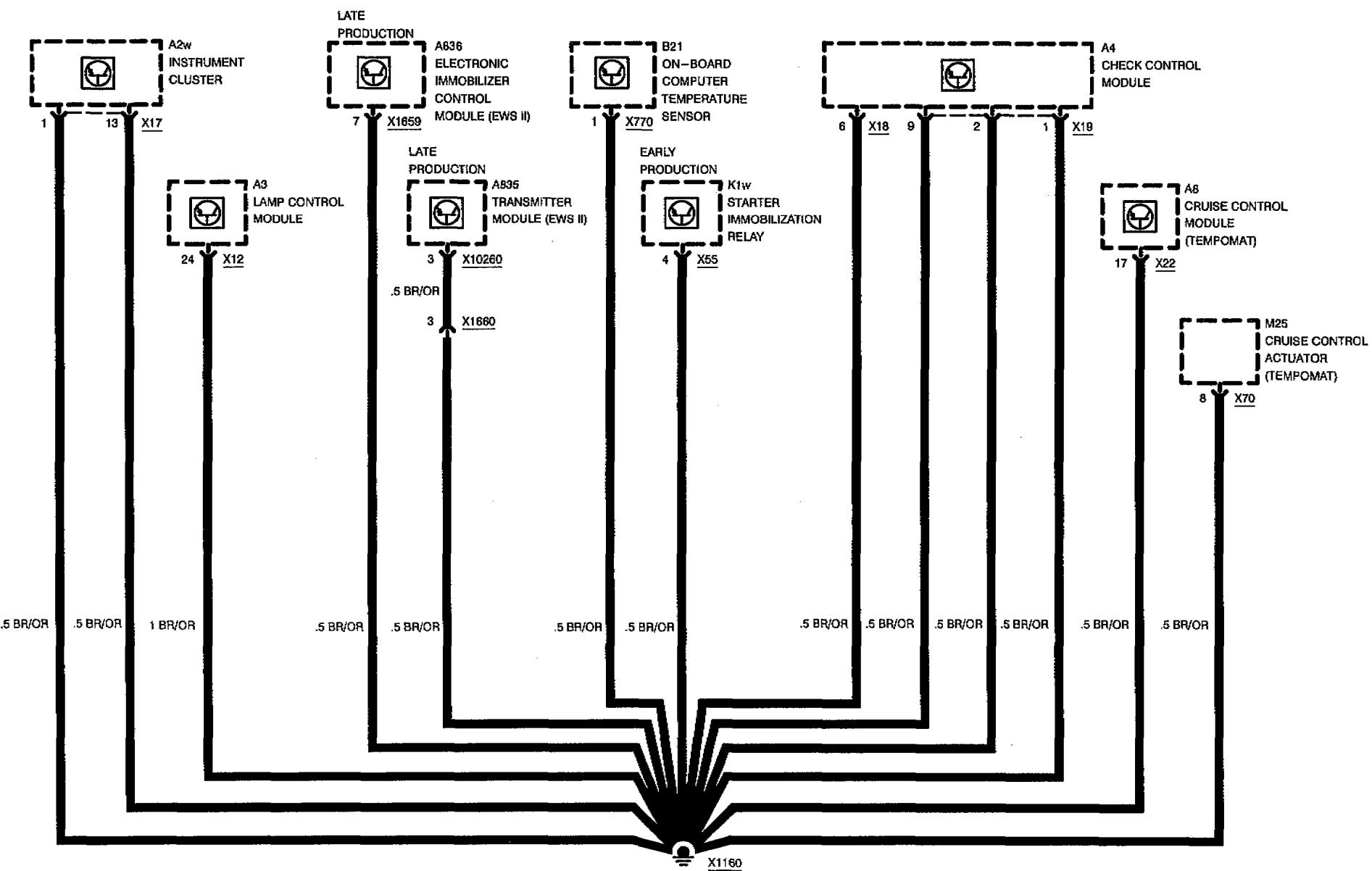
### GROUNDS X814, X818, X862, AND X1441

02/97

- 0670.4-19 -



1995

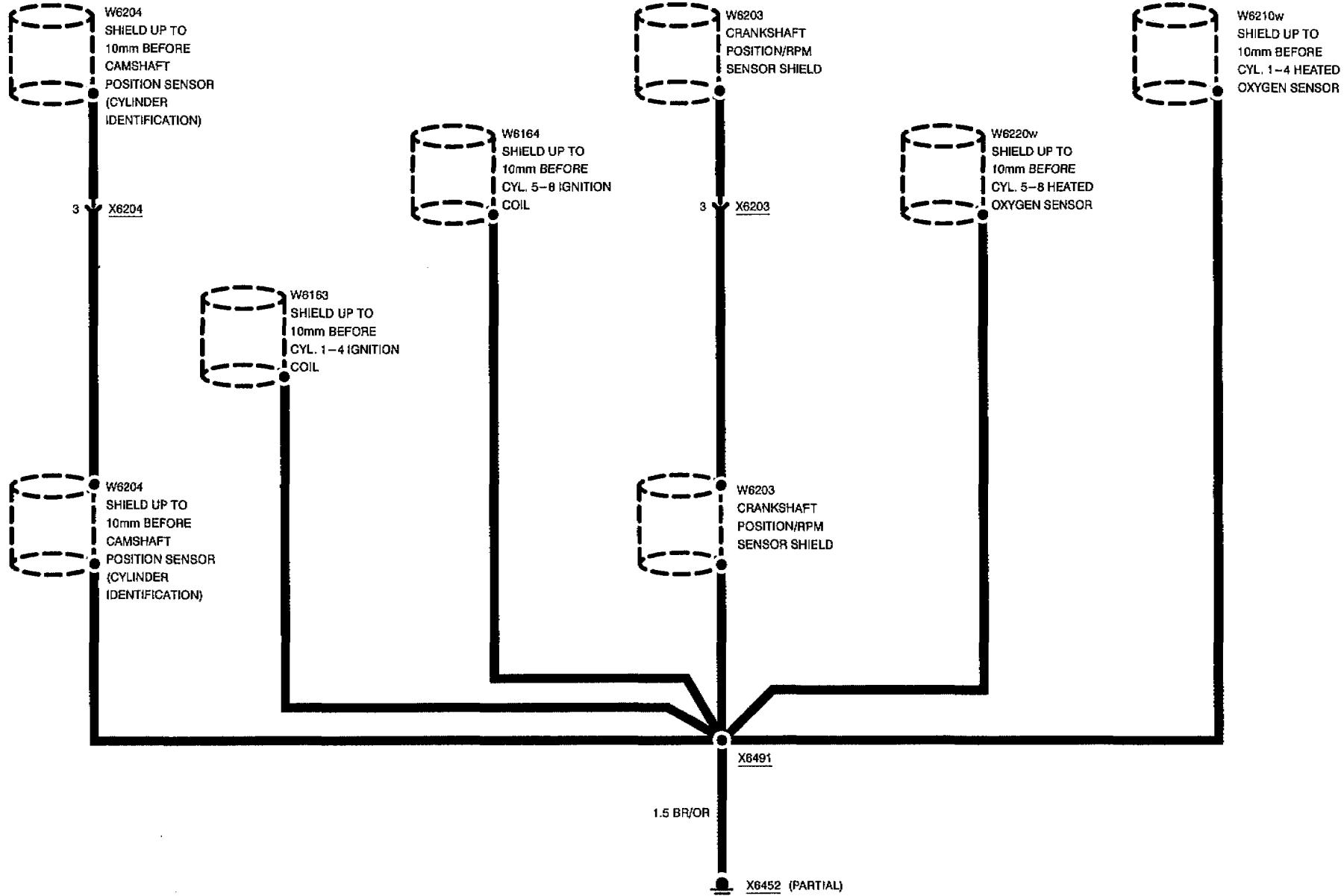




## GROUND DISTRIBUTION

### GROUND X6452

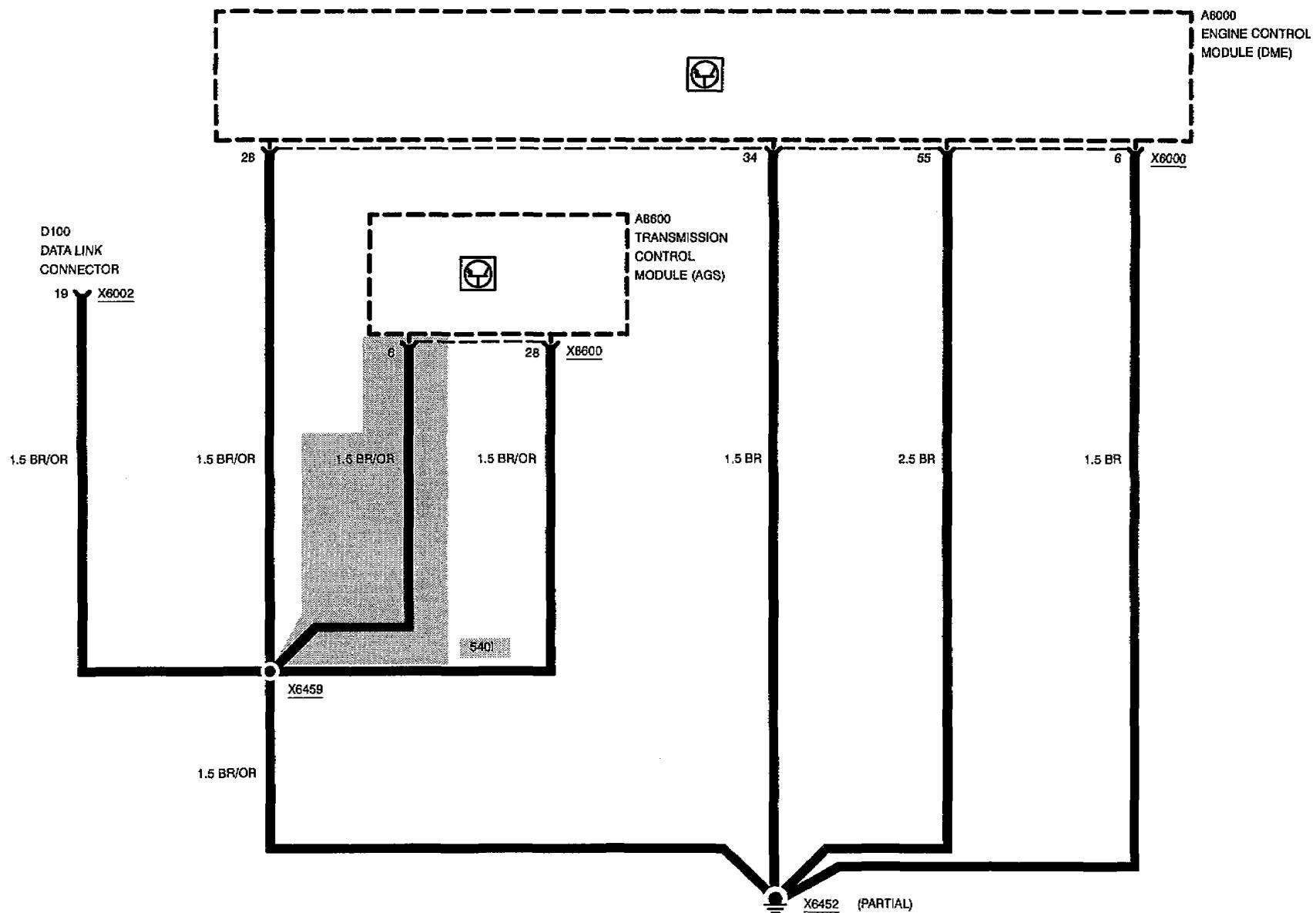
530i/t, 540i



02/97

0670.4-21

1995





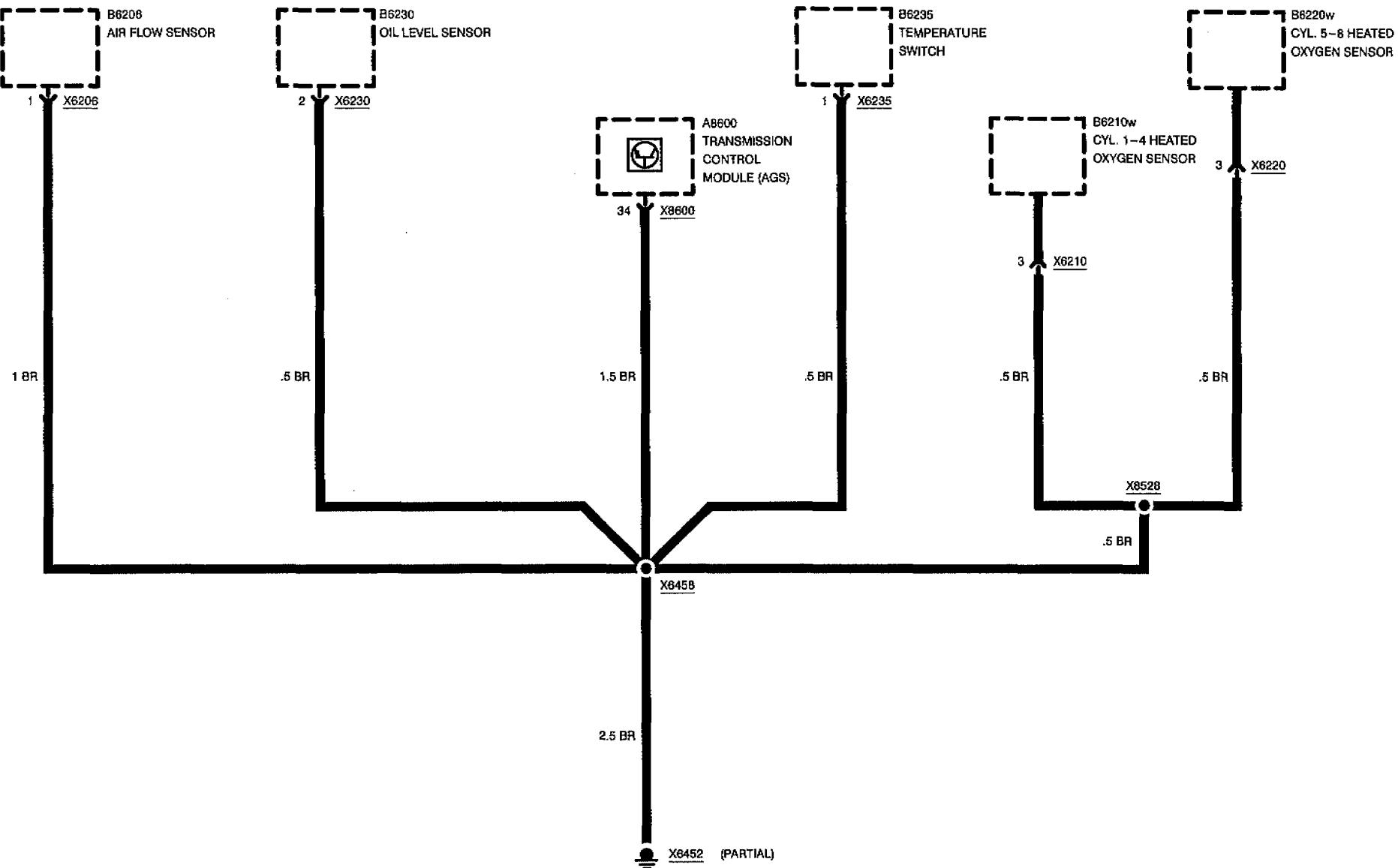
## GROUND DISTRIBUTION

### GROUND X6452

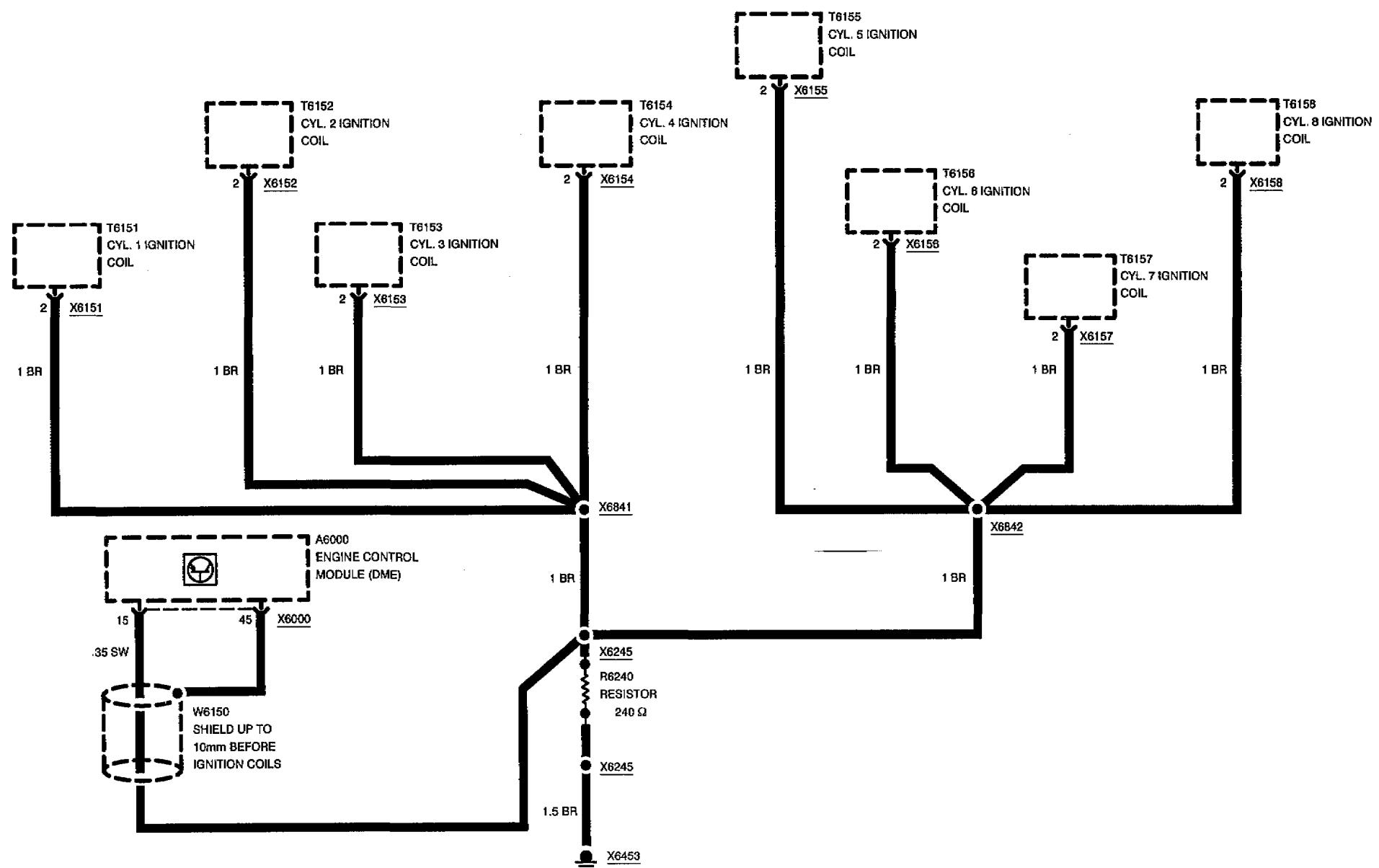
530i/t, 540i

02/97

0670.4-23



1995





# GROUND DISTRIBUTION

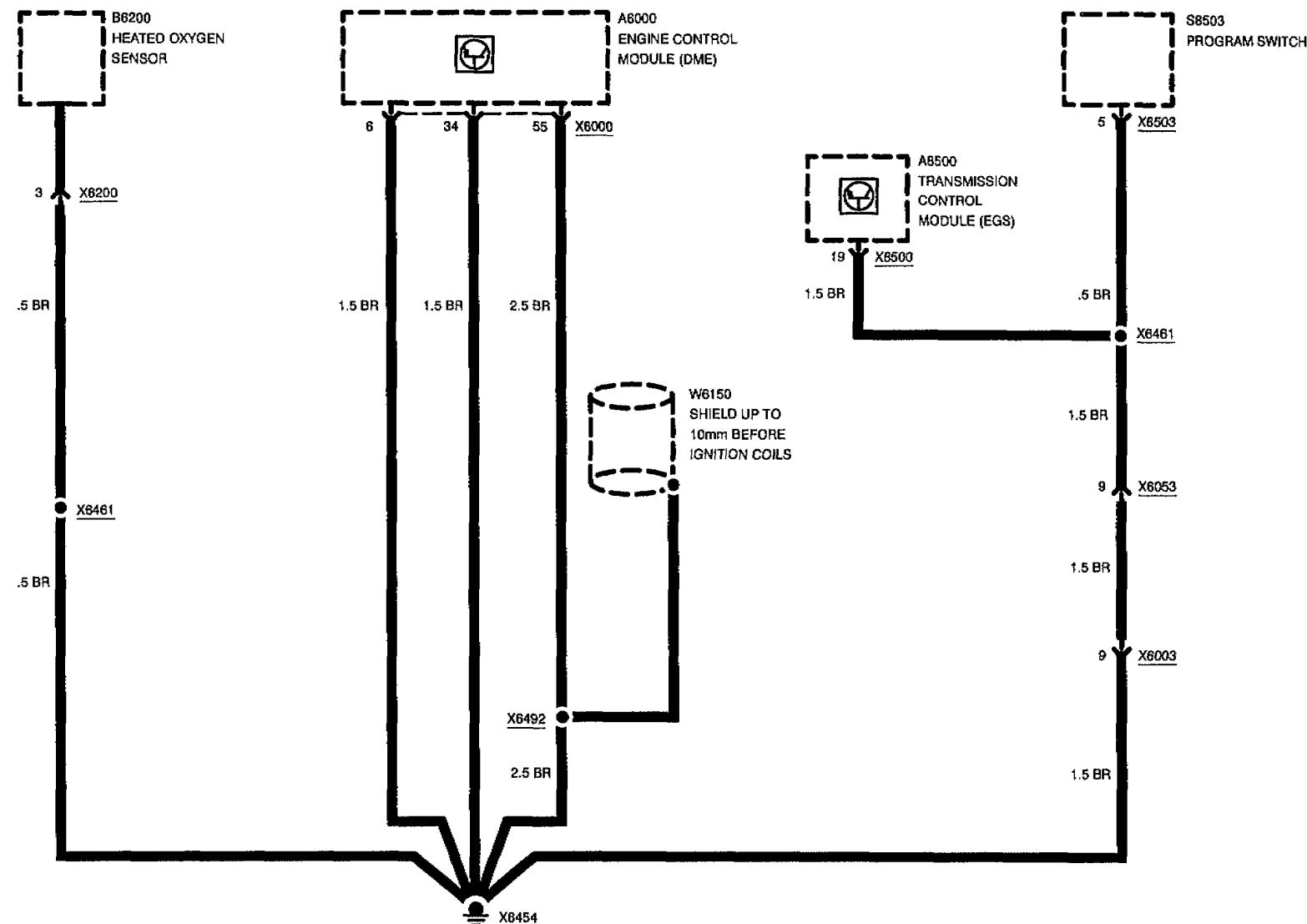
525i/t

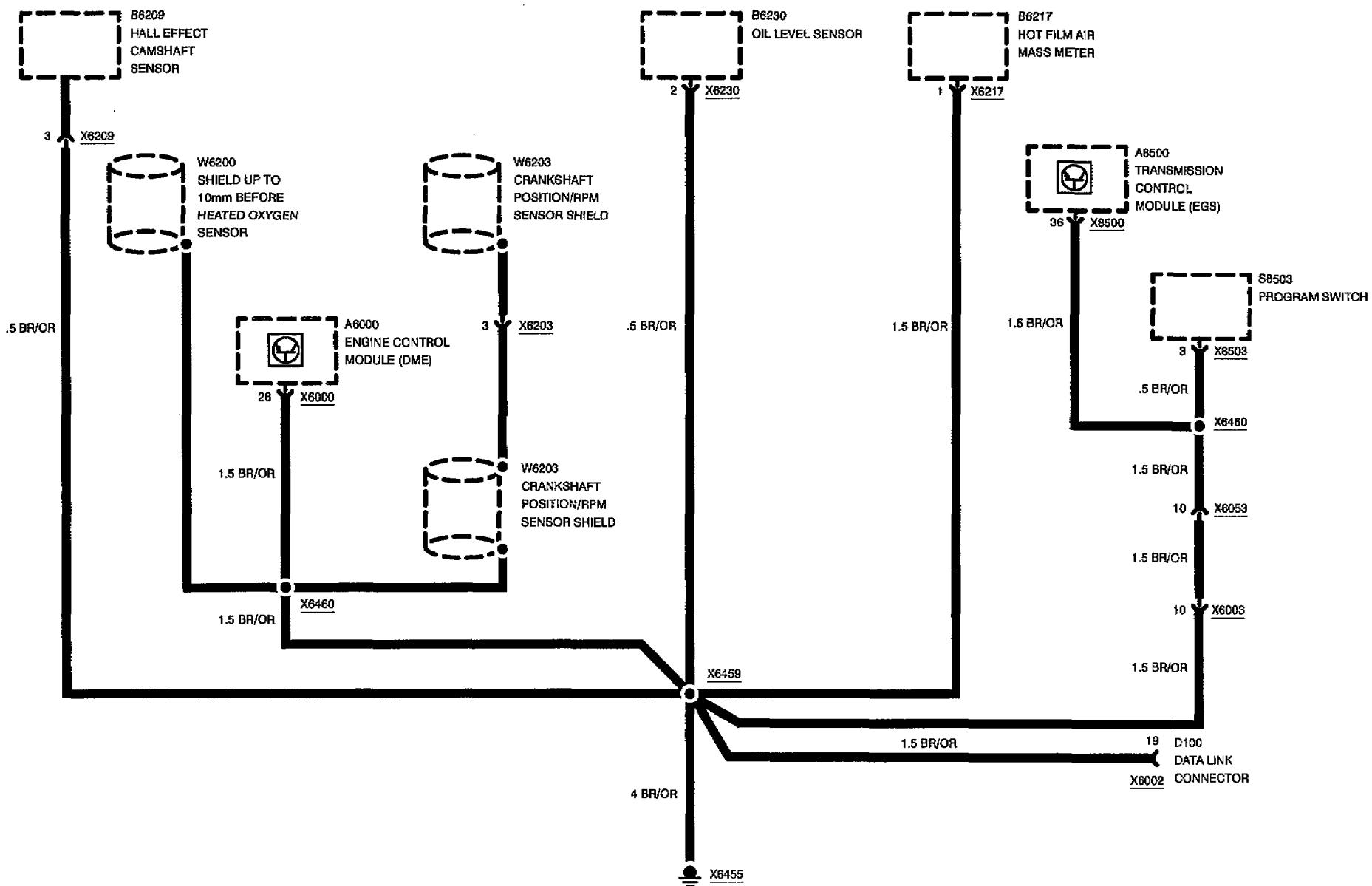
GROUND X6454

02/97

0670-4-25

1995







# GROUND DISTRIBUTION

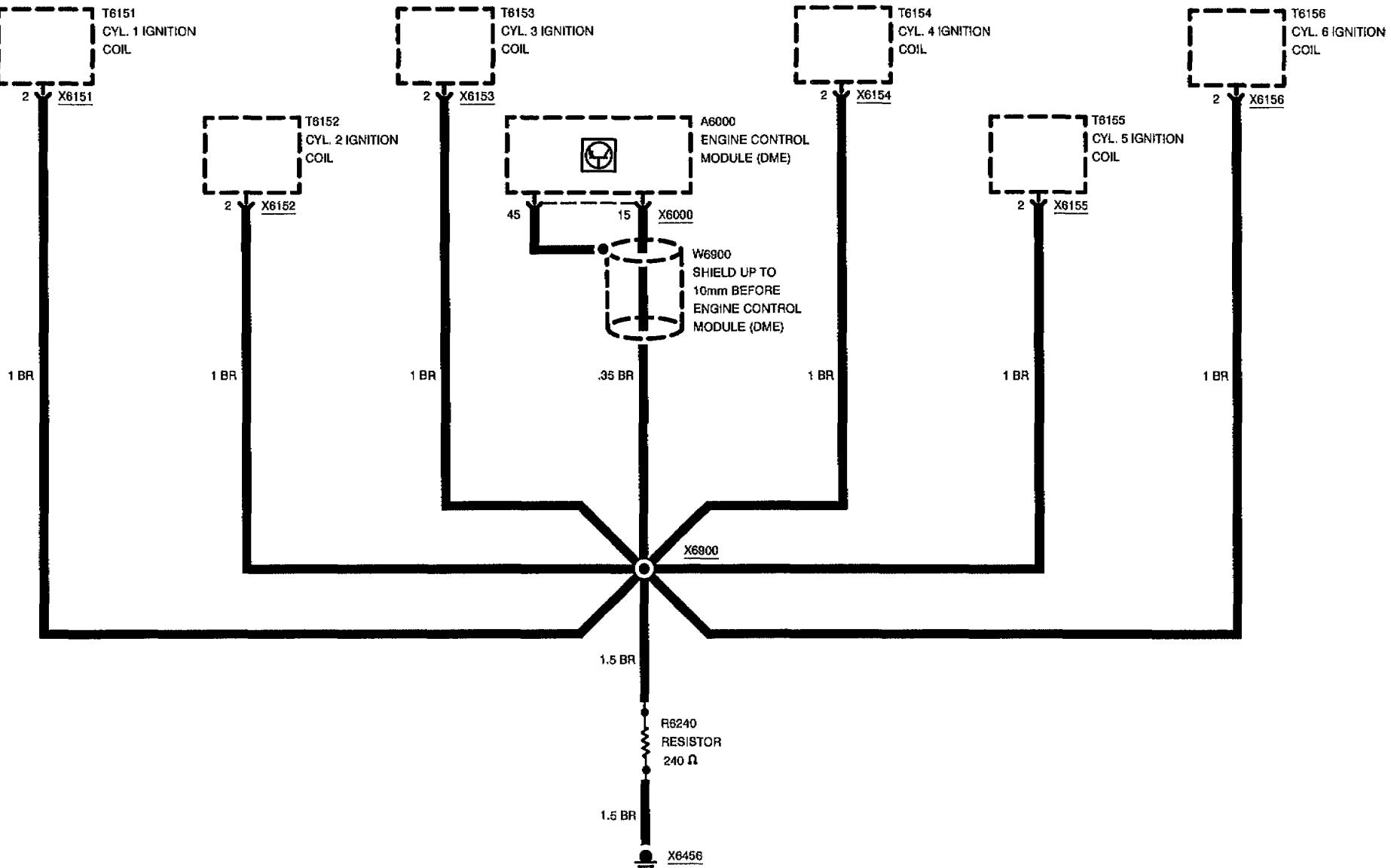
## GROUND X6456

525i/t

02/97

0670.4-27

1995





# GROUND DISTRIBUTION

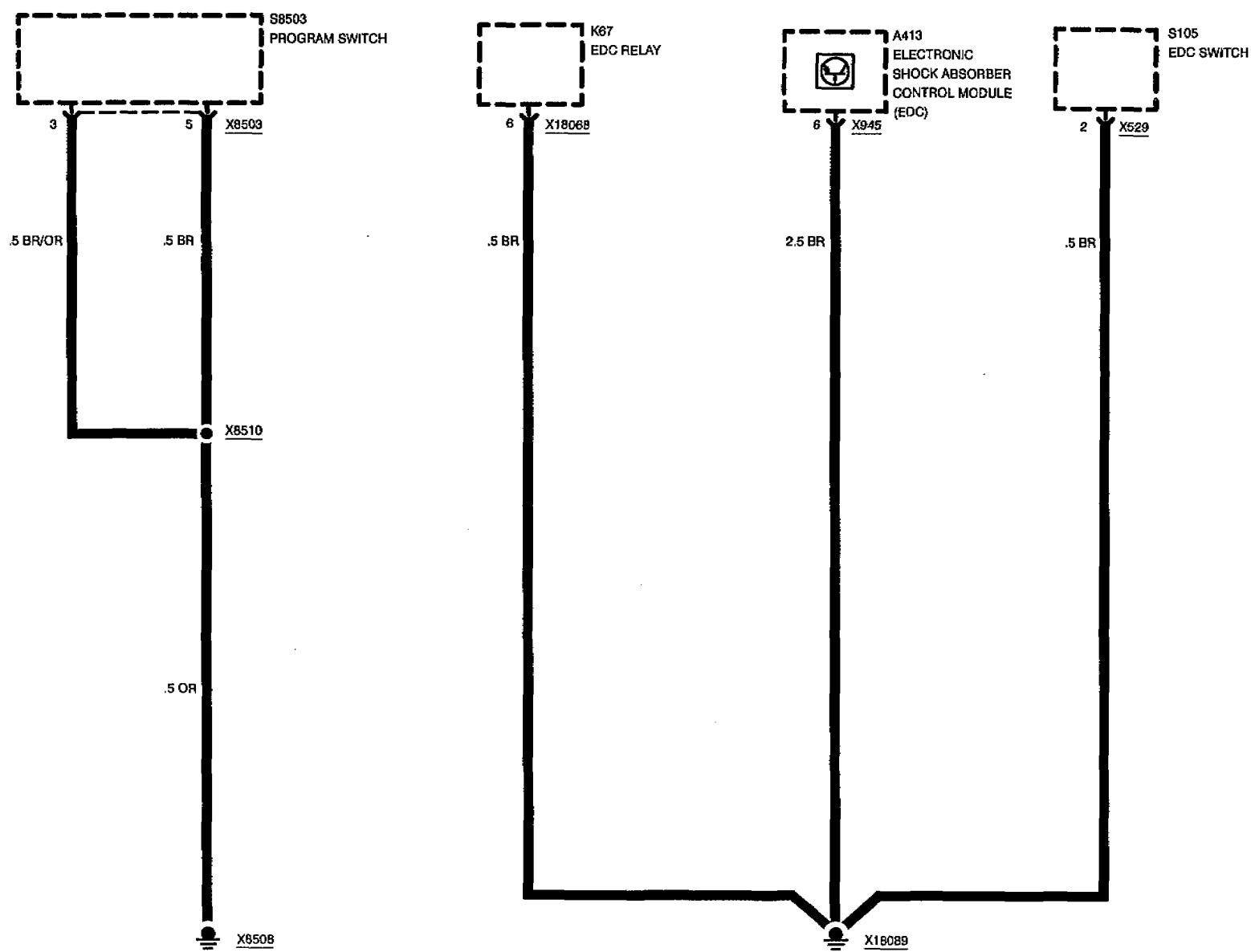
## 5 GROUNDS X8508 AND X18089

530i/t, 540i

02/97

0670.4-28

1995



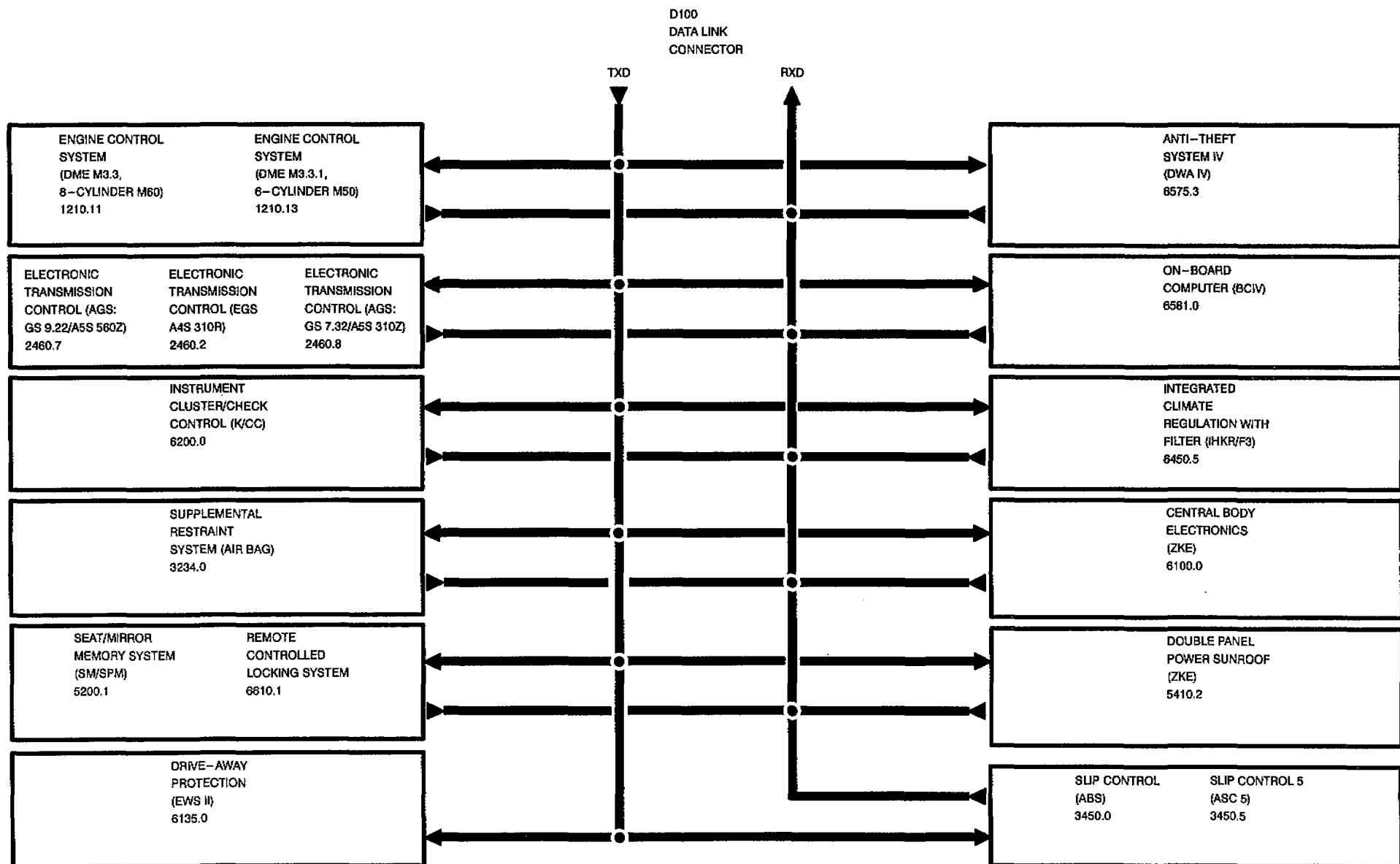


0670.5



# DATA LINK BLOCK DIAGRAM

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0670.5-00

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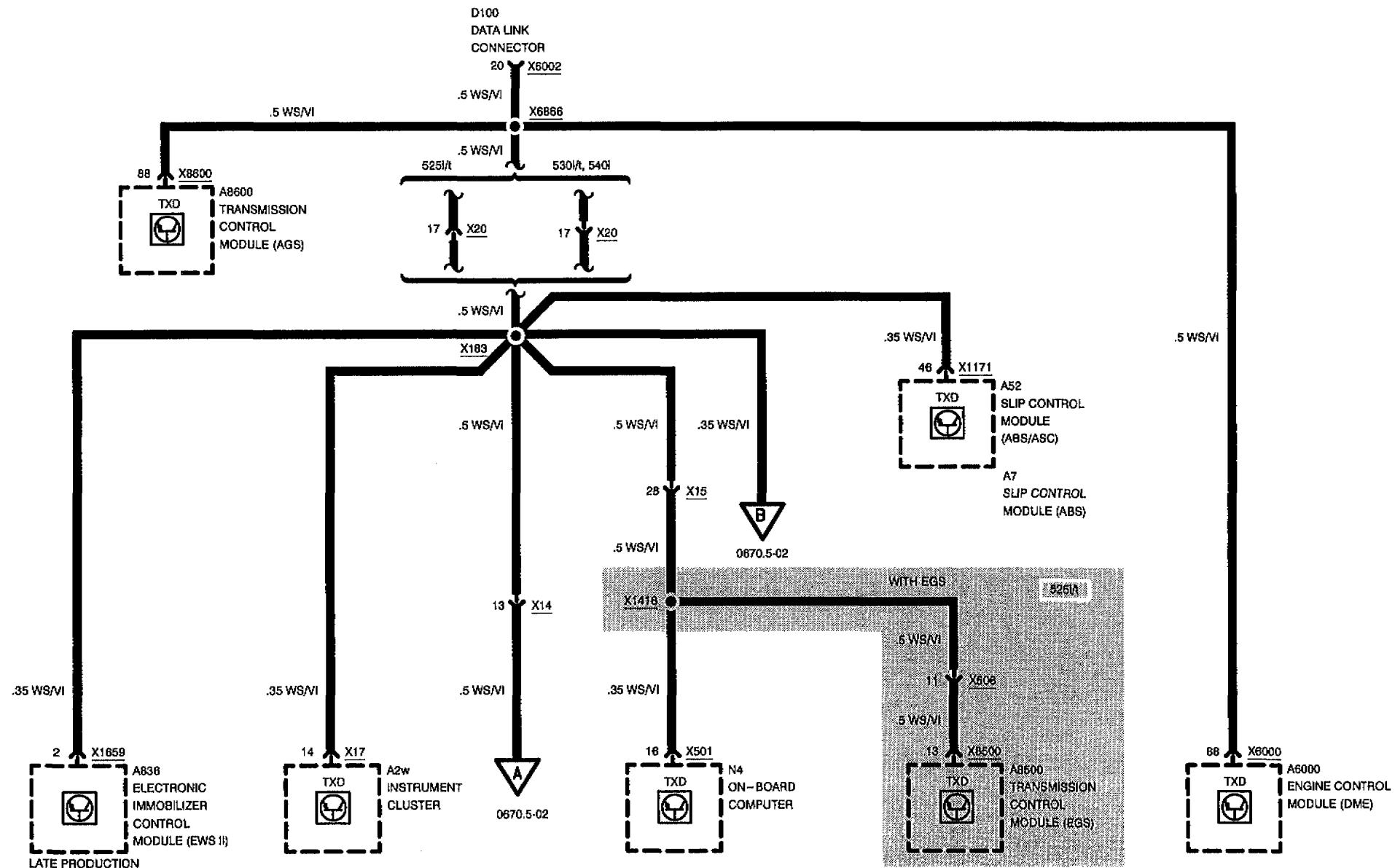


# DATA LINK

## TXD, PIN 20

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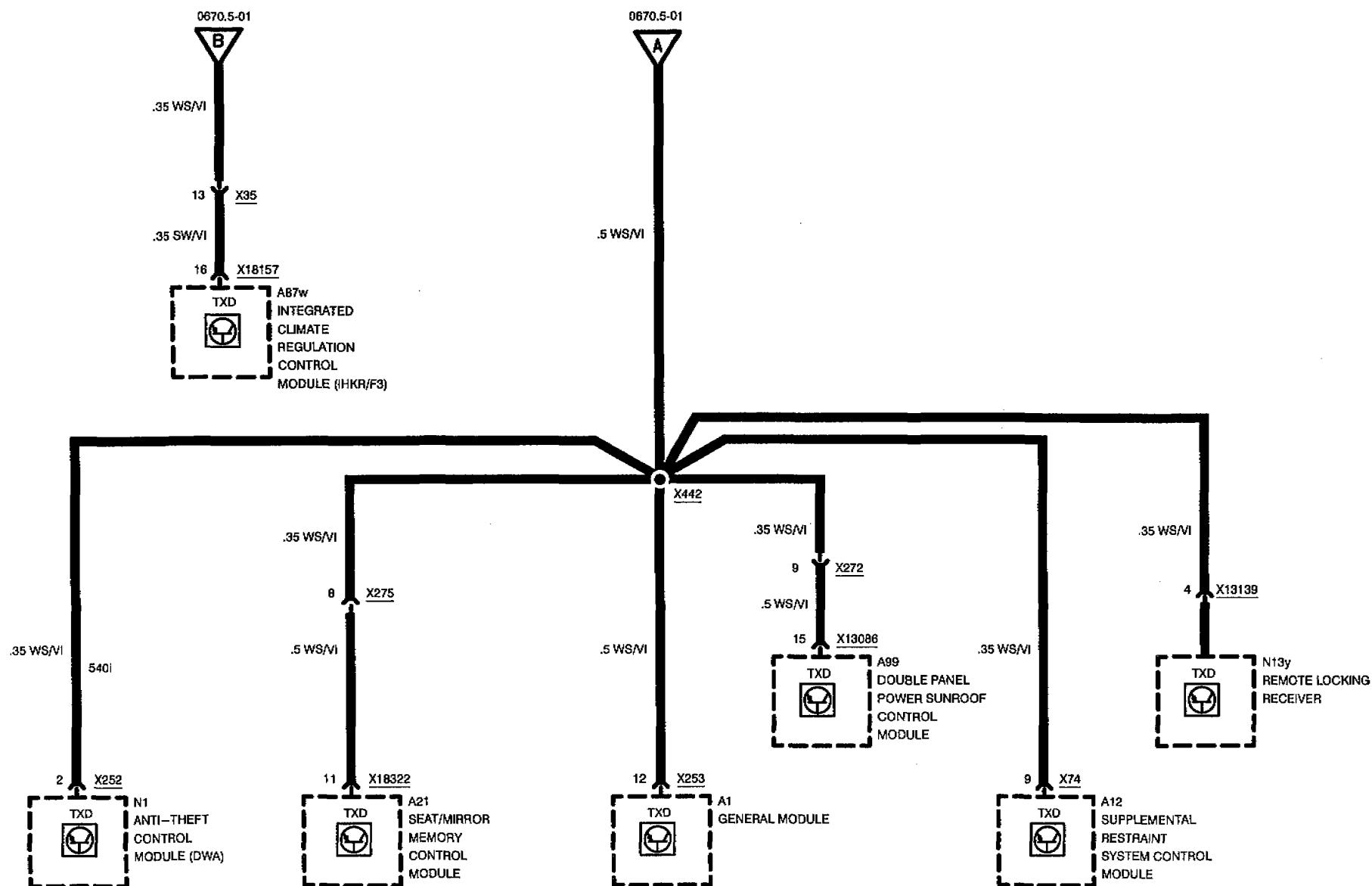
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TXD, PIN 20

02/97

0670.5-02

1995





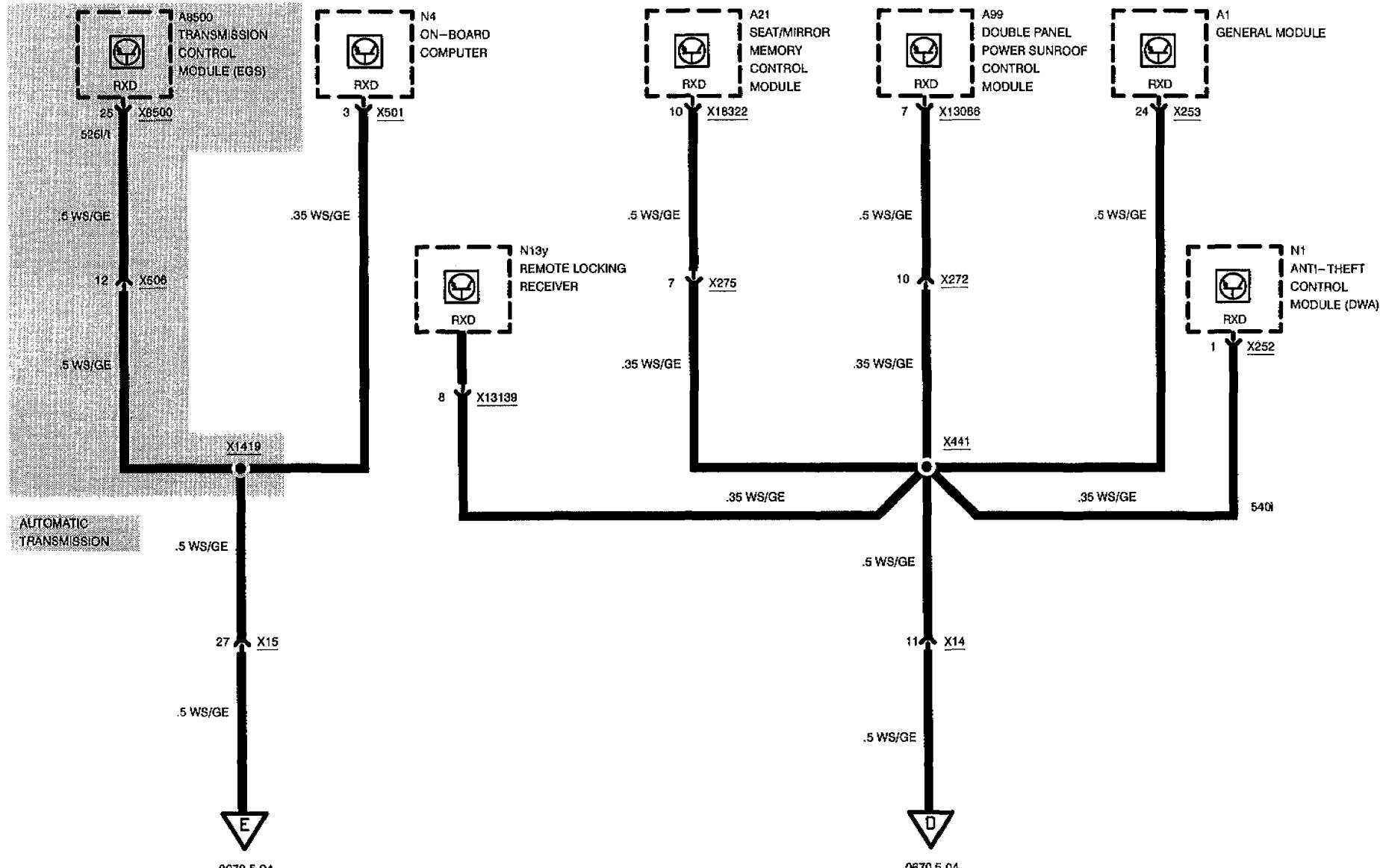
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## RXD, PIN 15

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0670.5-04

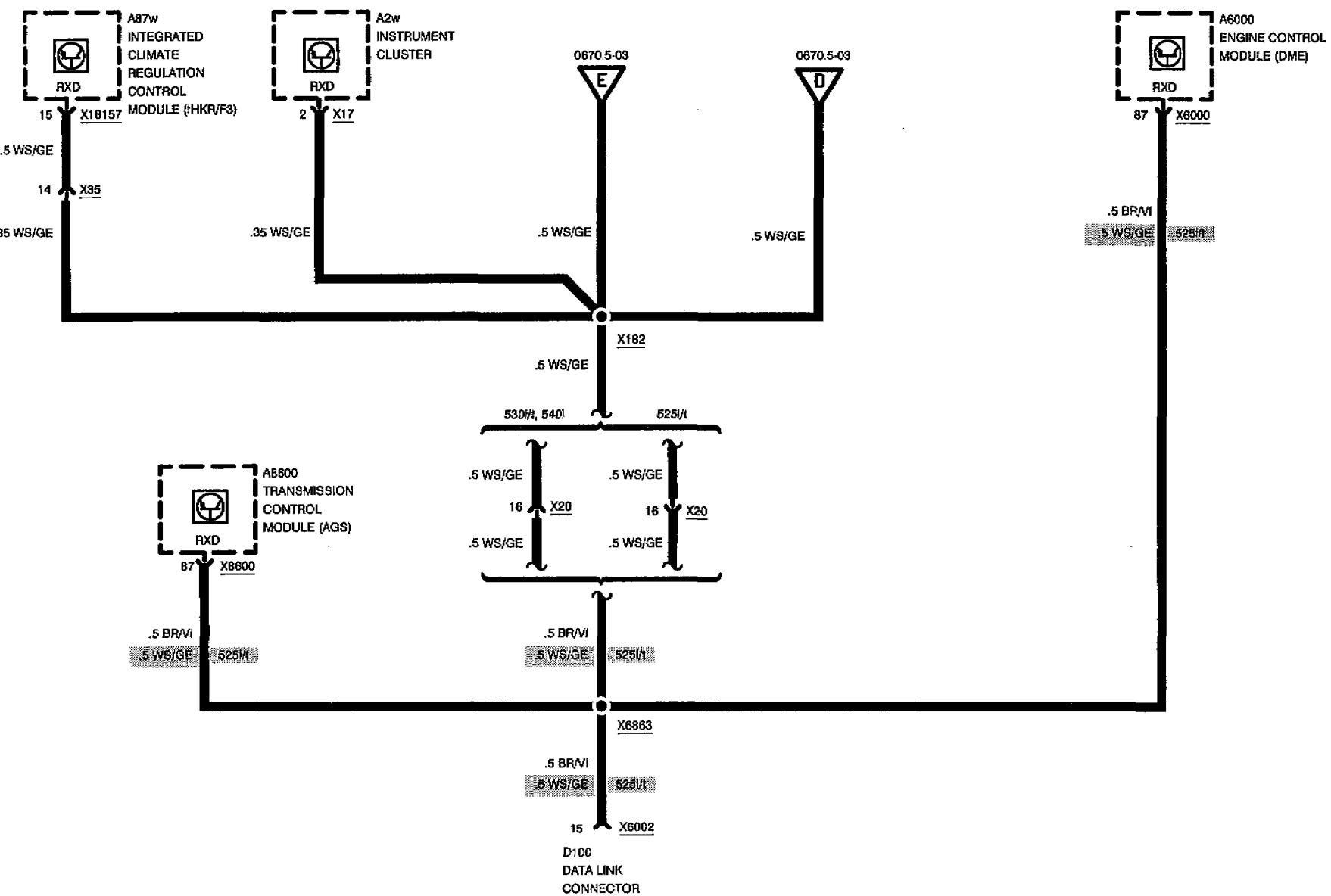
0670.5-04

**BMW** DATA LINK  
**5 RXD, PIN 15**

02/97

0670.5-04

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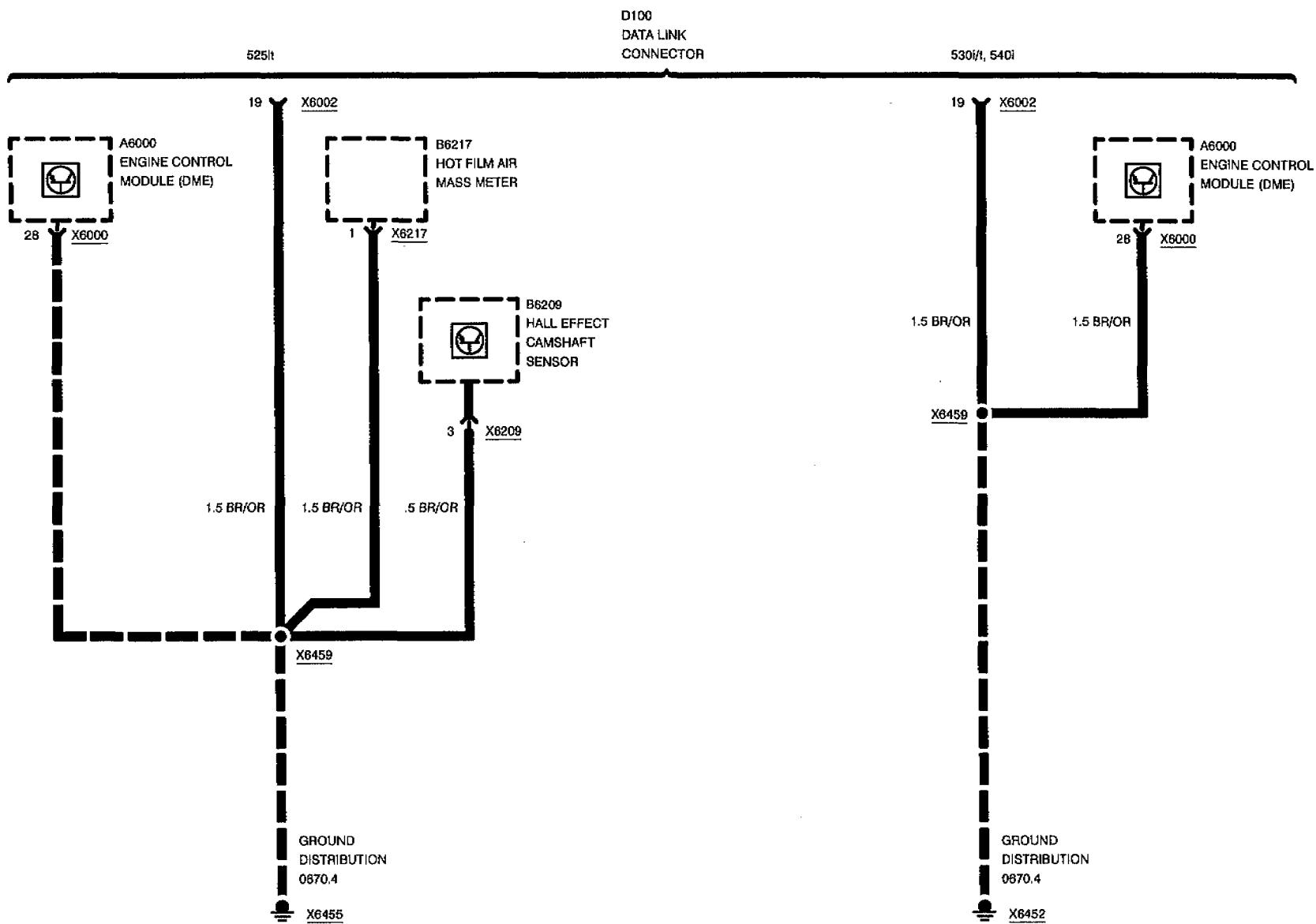
DATA LINK

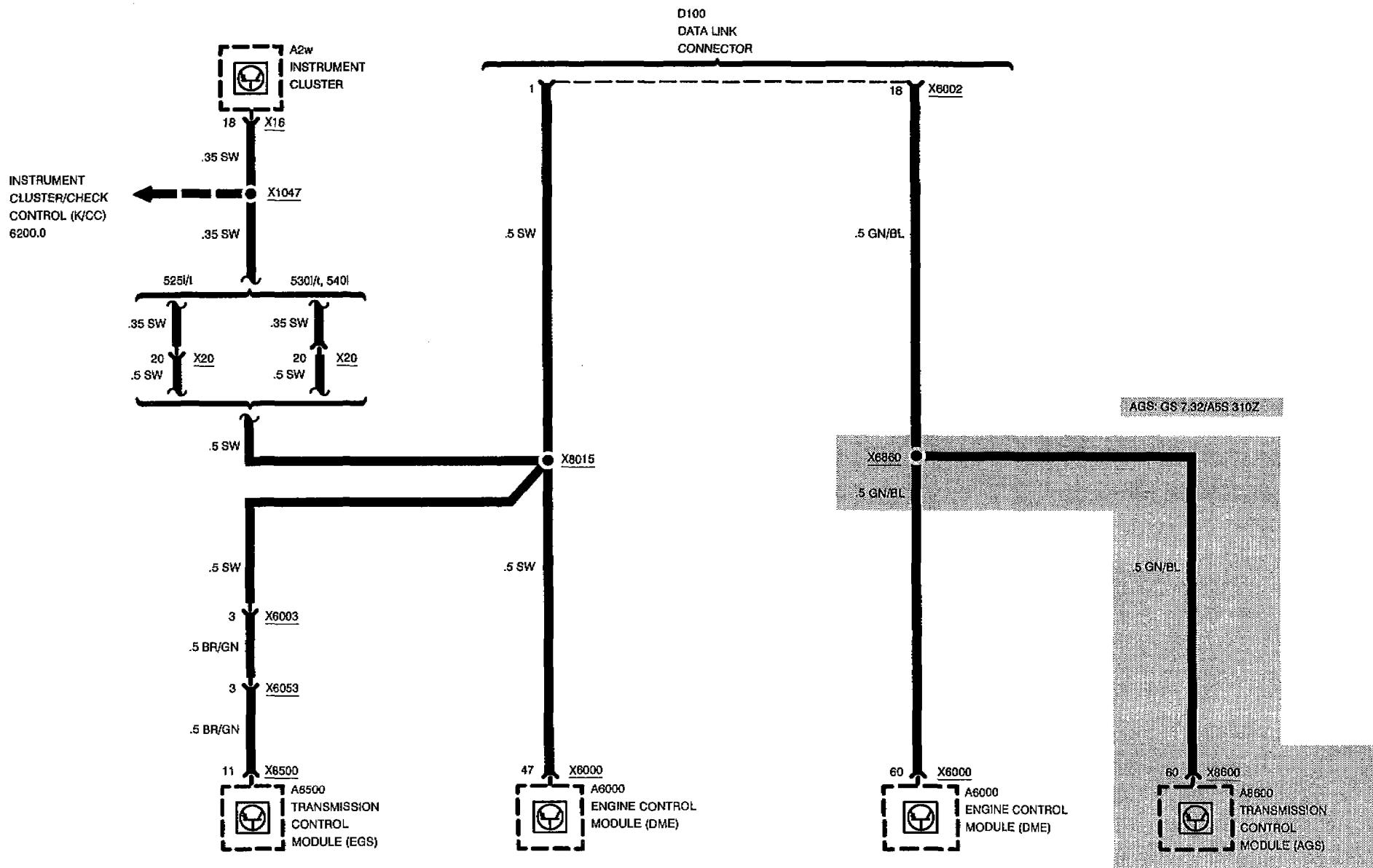
**DATA LINK CONNECTOR PIN 19**

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0670.5-05

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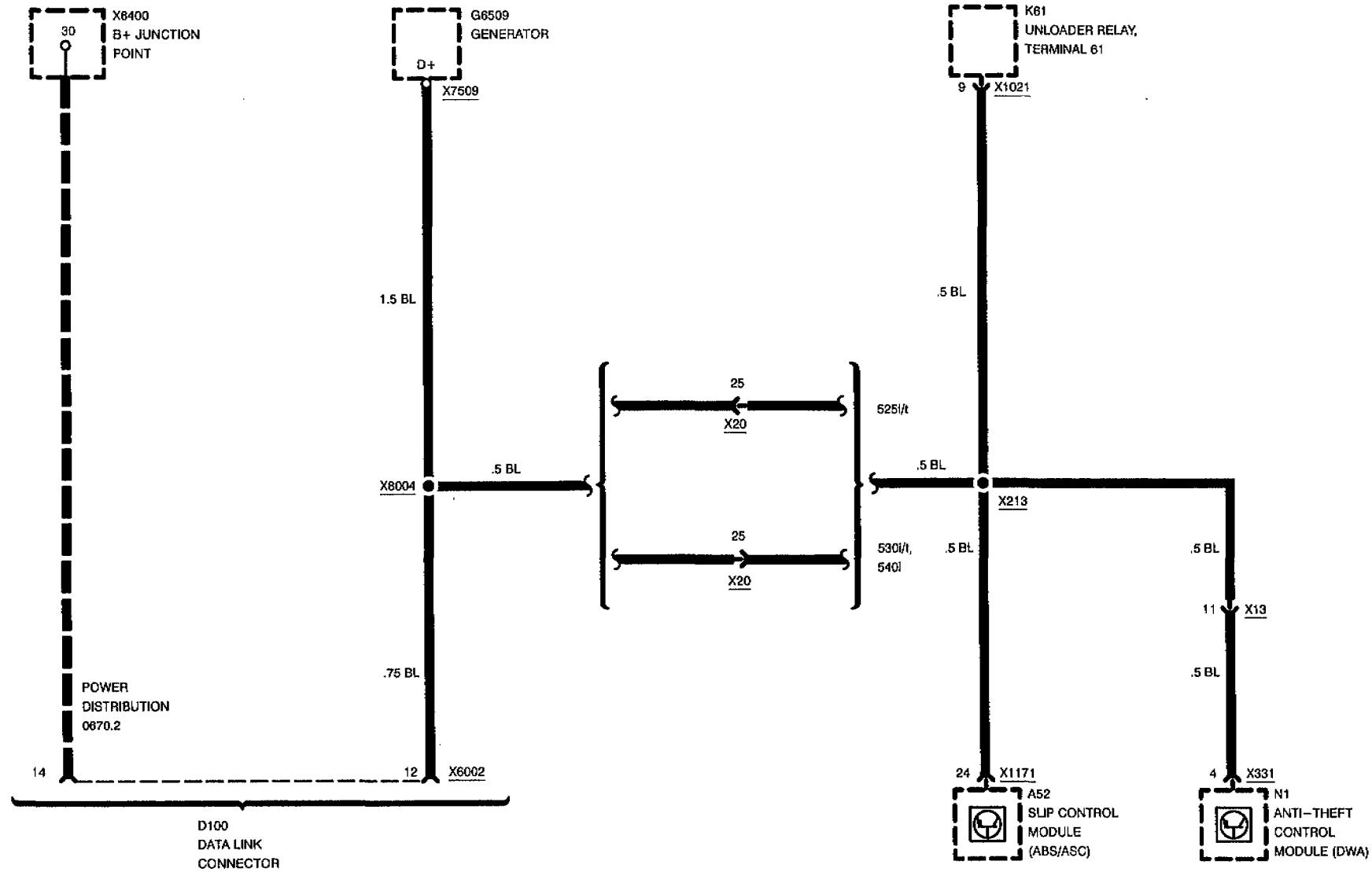
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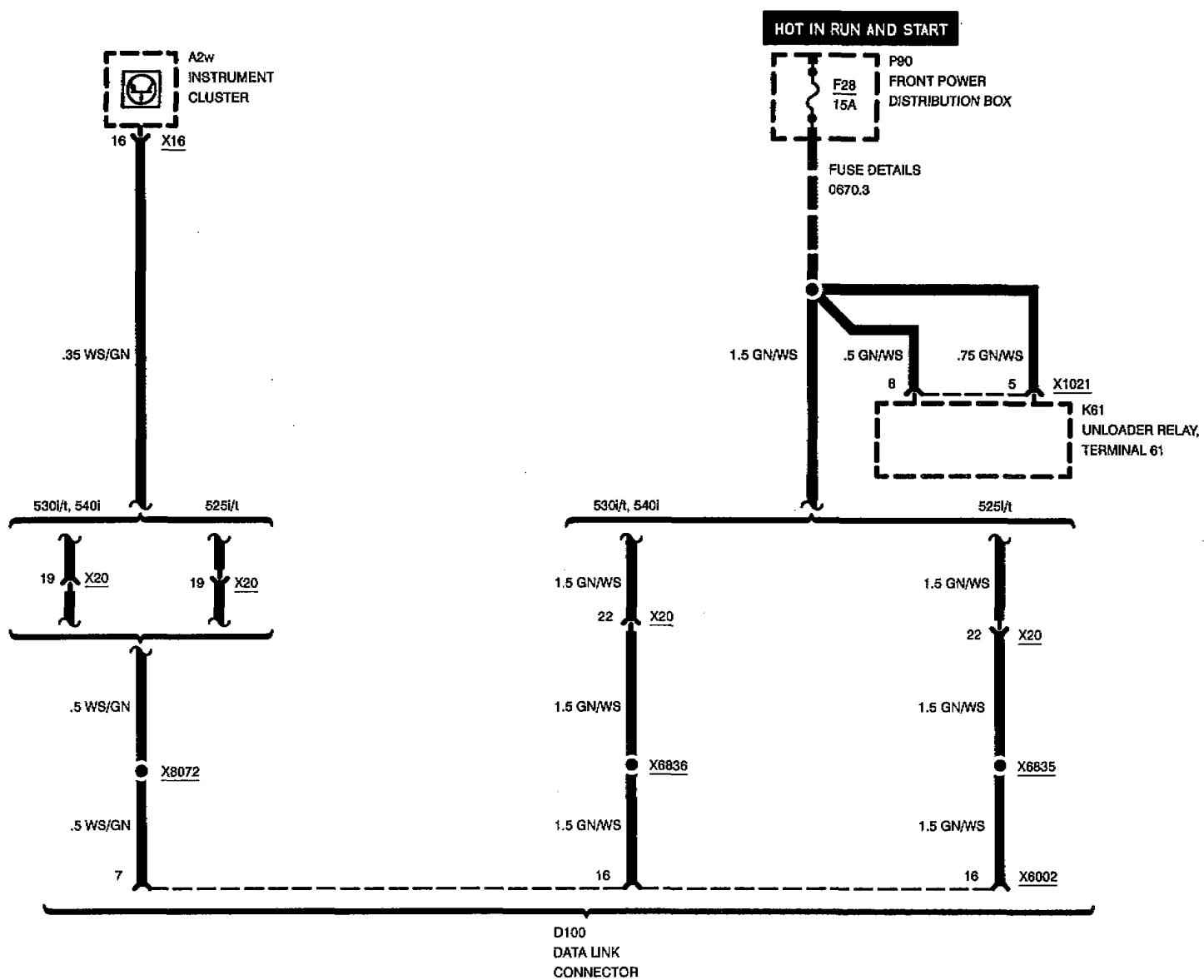
### DATA LINK CONNECTOR PINS 12 AND 14

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0670.5-07

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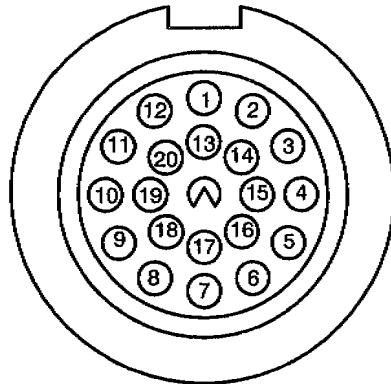


## DATA LINK

### DATA LINK CONNECTOR (X6002)

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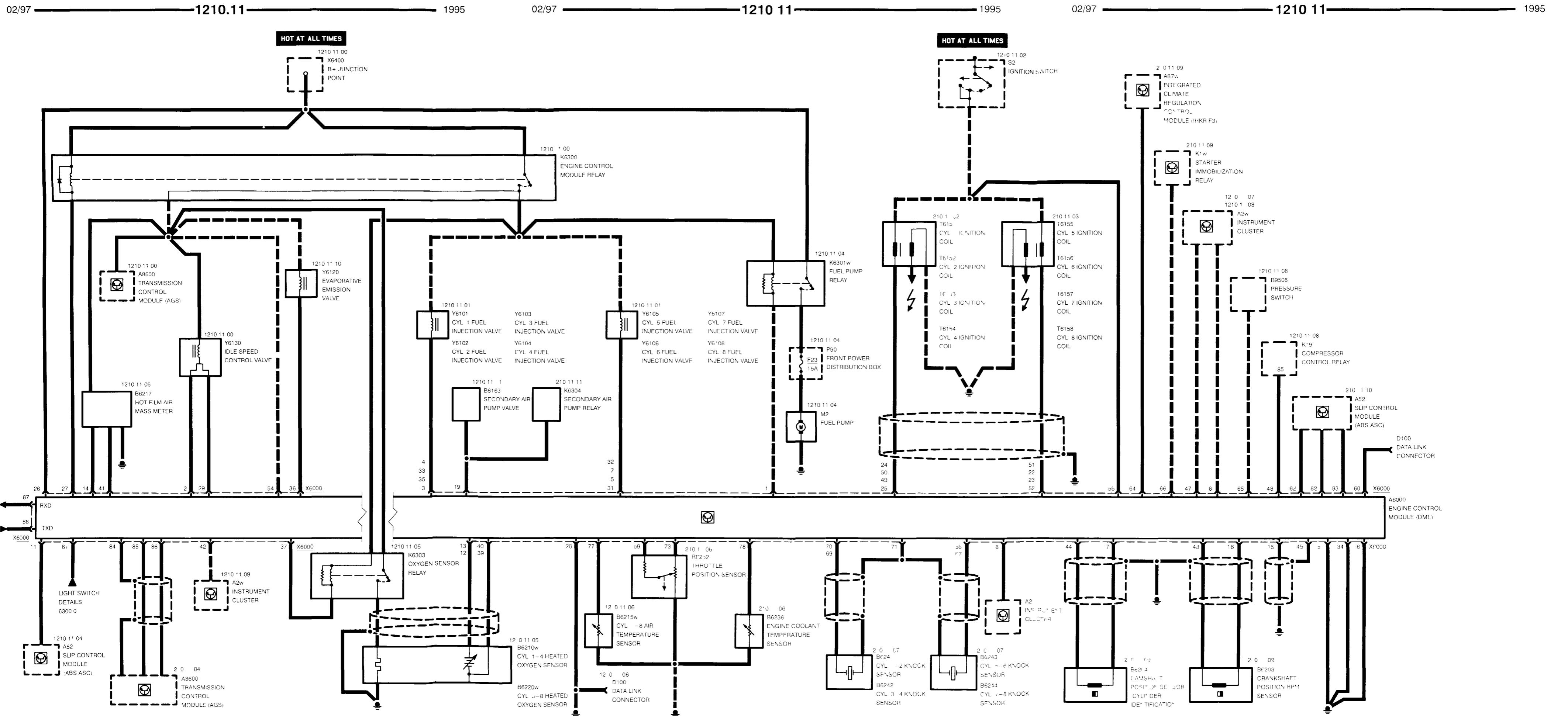
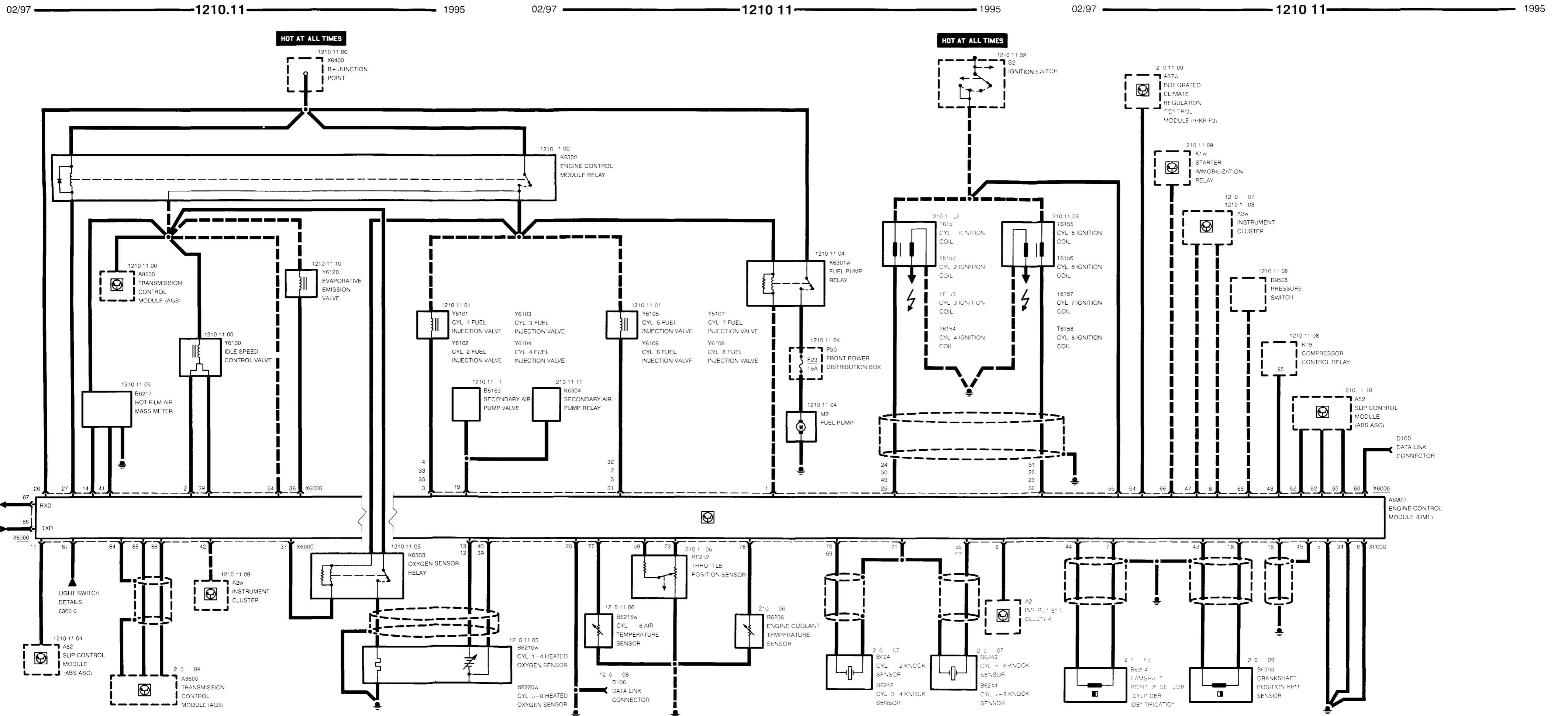
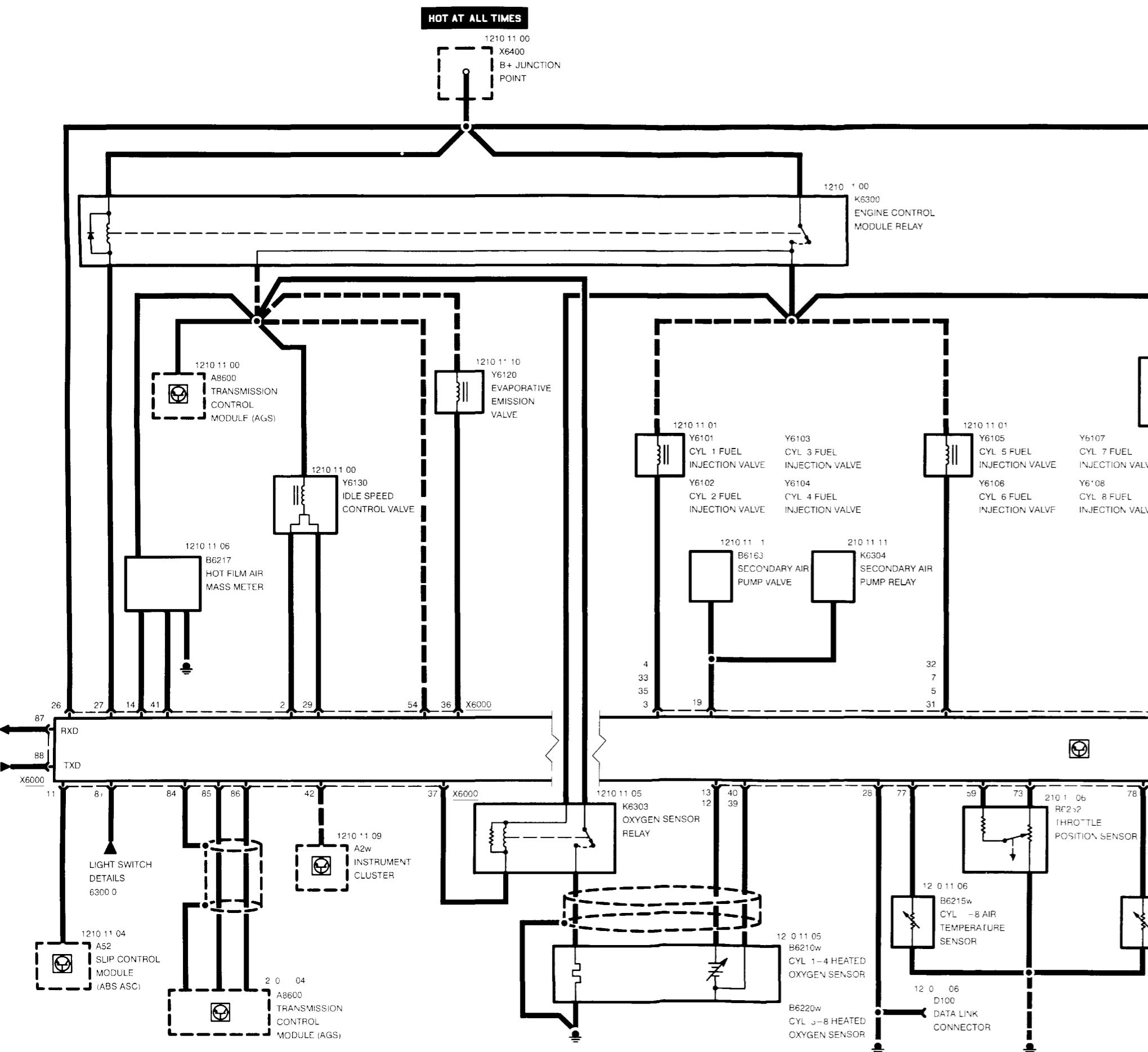
PIN NUMBER	TERMINAL NUMBER	TERMINAL DESCRIPTION	WIRE COLOR
1	TD	SPEED SIGNAL	SW
2	-	NOT OCCUPIED	
3	-	NOT OCCUPIED	
4	-	NOT OCCUPIED	
5	-	NOT OCCUPIED	
6	-	NOT OCCUPIED	
7	SI	SERVICE INDICATOR REMINDER	WS/GN
8	-	NOT OCCUPIED	
9	-	NOT OCCUPIED	
10	-	NOT OCCUPIED	
11	-	NOT OCCUPIED	
12	61(D+)	GENERATOR CHARGE INDICATOR	BL
13	-	NOT OCCUPIED	
14	30	VOLTAGE: HOT AT ALL TIMES	RT
15	RXD	RECEIVE	WS/GE - BR/VI
16	15S	VOLTAGE: IGNITION SWITCH IN RUN	GN/WS
17	-	NOT OCCUPIED	
18	PGSP	ENGINE CONTROL (DME) PROGRAMMING LINE	GN/BL
19	31	GROUND	BR/OR
20	TXD	TRANSMIT	WS/VI

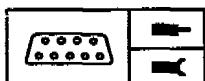
1995



0670.5-10

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## Pin Assignments

### X6000

Pin	Type	Description/Function	Connection
1	A	Fuel pump relay	Fuel pump relay
2	A	Close ZWD	Idle speed control valve
3	A	Injection valve 1	Injection valve
4	A	Injection valve 4	Injection valve
5	A	Injection valve 6	Injection valve
6	M	Ground, injection valves	Ground point
7	A	Injection valve 7	Injection valve
8	A	Fault indicator lamp	Instrument Cluster
9		Not used	
10		Not used	
11	A	Throttle angle signal	Slip control module (ABS/ASC)
12	E	Oxygen sensor 2 signal	Oxygen sensor
13	E	Oxygen sensor 1 signal	Oxygen sensor
14	M	Ground HLM (HFM)	Mass air flow sensor
15	M	Signal, ignition circuit monitoring	Ground connection
16	E	KWG signal	Crankshaft sensor
17	E	NWG signal	Camshaft sensor
18		Not used	
19	A	Activation, Secondary air pump	Relay/Valve air pump
20		Not used	
21		Not used	
22	A	Ignition 7	Ignition coil
23	A	Ignition 6	Ignition coil
24	A	Ignition 4	Ignition coil
25	A	Ignition 1	Ignition coil
26	E	Continuous pulse	B+ junction coil
27	A	Activation, main relay	Main relay
28	M	Ground, electronics/shield/sensors	Ground point
29	A	ZWD open	Idle speed control valve
30		Not used	

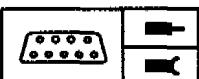
E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
31	A	Injection valve 5	Injection valve
32	A	Injection valve 8	Injection valve
33	A	Injection valve 3	Injection valve
34	M	Ground, remaining output stages	Ground connection
35	A	Injection valve 2	Injection valve
36	A	Evaporative emission	Carbon canister
37	A	Heated oxygen sensor relay	Oxygen sensor relay
38		Not used	
39	M	Ground, oxygen sensor 2	Oxygen sensor 2
40	M	Ground, oxygen sensor 1	Oxygen sensor 1
41	E	HLM signal (HFM)	Mass air flow sensor
42	E	Speed signal	Instrument cluster
43	M	KWG ground	Crankshaft sensor
44	M	NWG ground	Camshaft sensor
45	M	Ground, ignition circuit monitoring	Shield
46	A	KVA signal	Instrument cluster
47	A	TD signal	Instrument cluster
48	A	A/C compressor signal	A/C compressor relay
49	A	Ignition 2	Ignition coil
50	A	Ignition 3	Ignition coil
51	A	Ignition 8	Ignition coil
52	A	Ignition 5	Ignition coil
53		Not used	
54	E	Engine control module relay, voltage	Engine control module relay
55	M	Ground, ignition	Ground connection
56	E	Terminal 15	Ignition switch
57		Not used	
58		Not used	
59	A	+5V supply	Throttle control potentiometer
60	E	Programming voltage input	Data link connector
61		Not used	
62	A	S-EML	ASC+T control module

E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
63		Not used	
64	E	A/C signal	A/C control module
65	E	A/C compressor signal	Pressure switch
66	E	Drive away protection signal	Starter immobilization relay
67	E	Knock sensor 4 signal	Knock sensor
68	E	Knock sensor 3 signal	Knock sensor
69	E	Knock sensor 2 signal	Knock sensor
70	E	Knock sensor 1 signal	Knock sensor
71	M	Ground, analog signals and knock sensors	Sensors
72		Not used	
73	E	Signal, throttle (DK) sensor	Throttle control potentiometer
74		Not used	
75		Not used	
76		Not used	
77	E	Intake air temperature	Intake air temperature sensor
78	E	Coolant temperature	Coolant temperature sensor
79		Not used	
80		Not used	
81	E	S-FS low beam	Light switch
82	E	Signal, engine drag torque control	ASC+T
83	E	Signal, drive slip control	ASC+T
84	A	CAN shield	Transmission control module
85	E/A	CAN-L	Transmission control module
86	E/A	CAN-H	Transmission control module
87	E	RxD diagnostic data link	Diagnostic bus
88	E/A	TxD diagnostic data link	Diagnostic bus

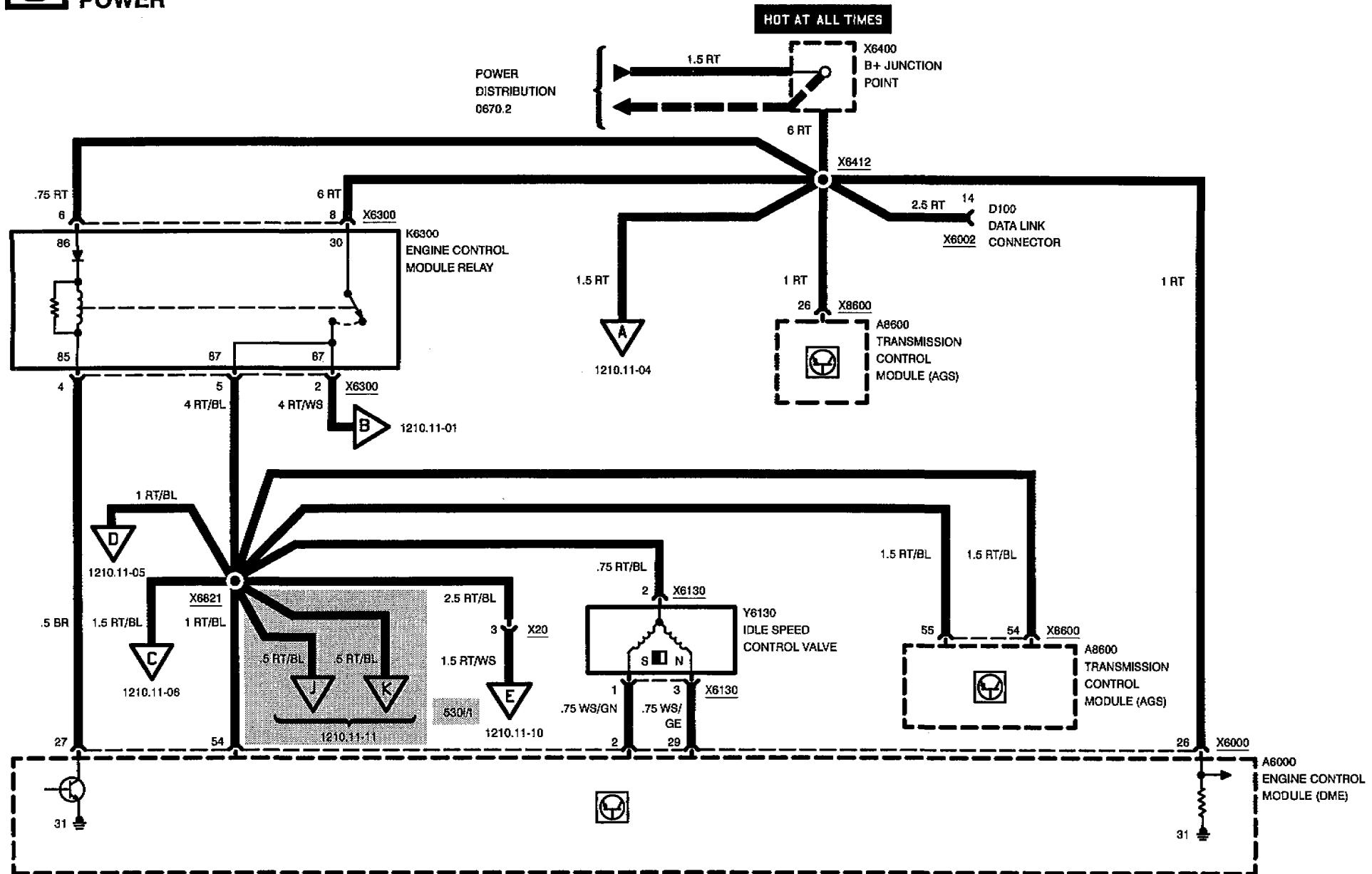
E = Input, A = Output, M = Ground



## **ENGINE CONTROL SYSTEM (DME M3.3, 8-CYLINDER M60)**

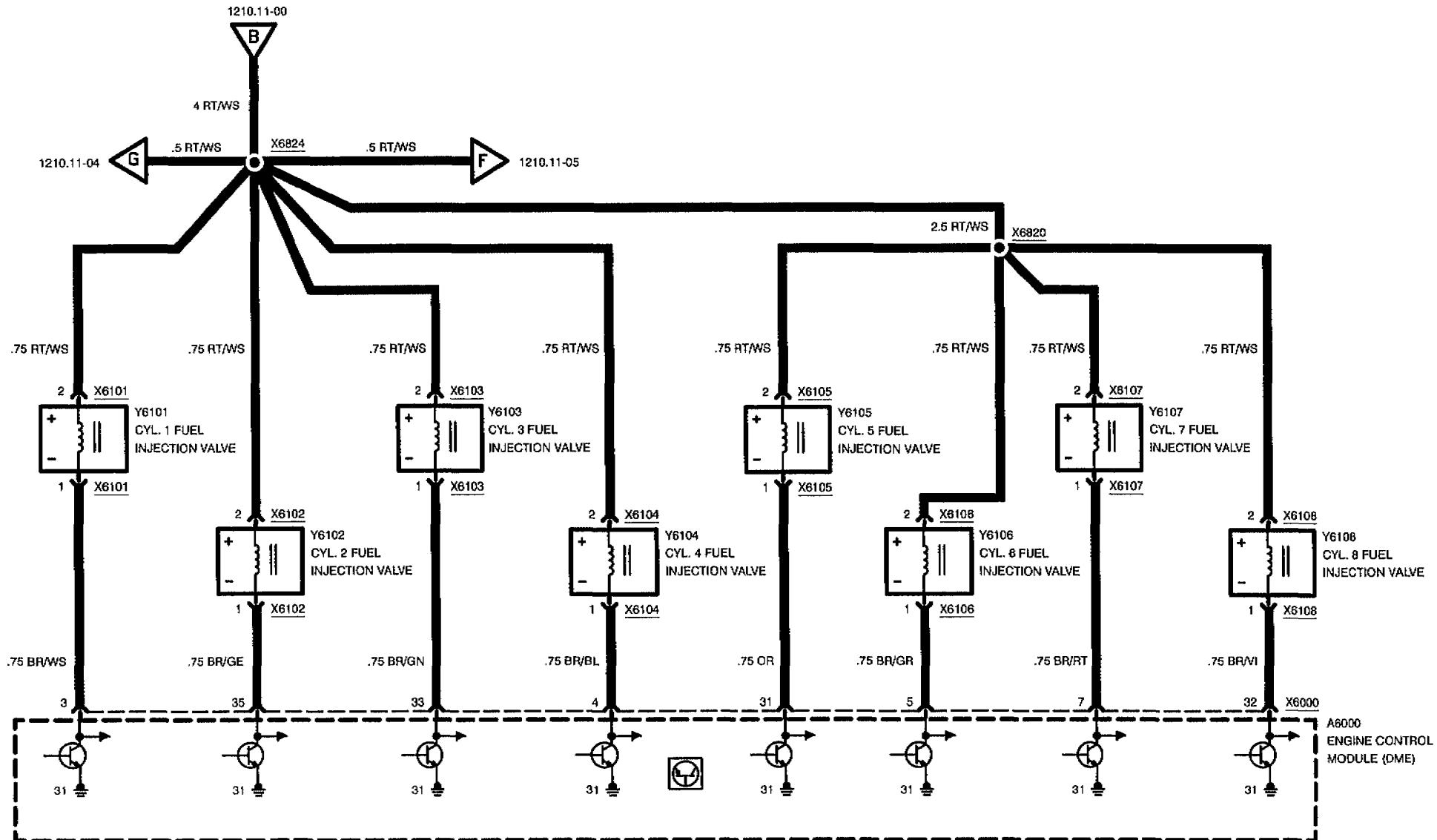
# POWER

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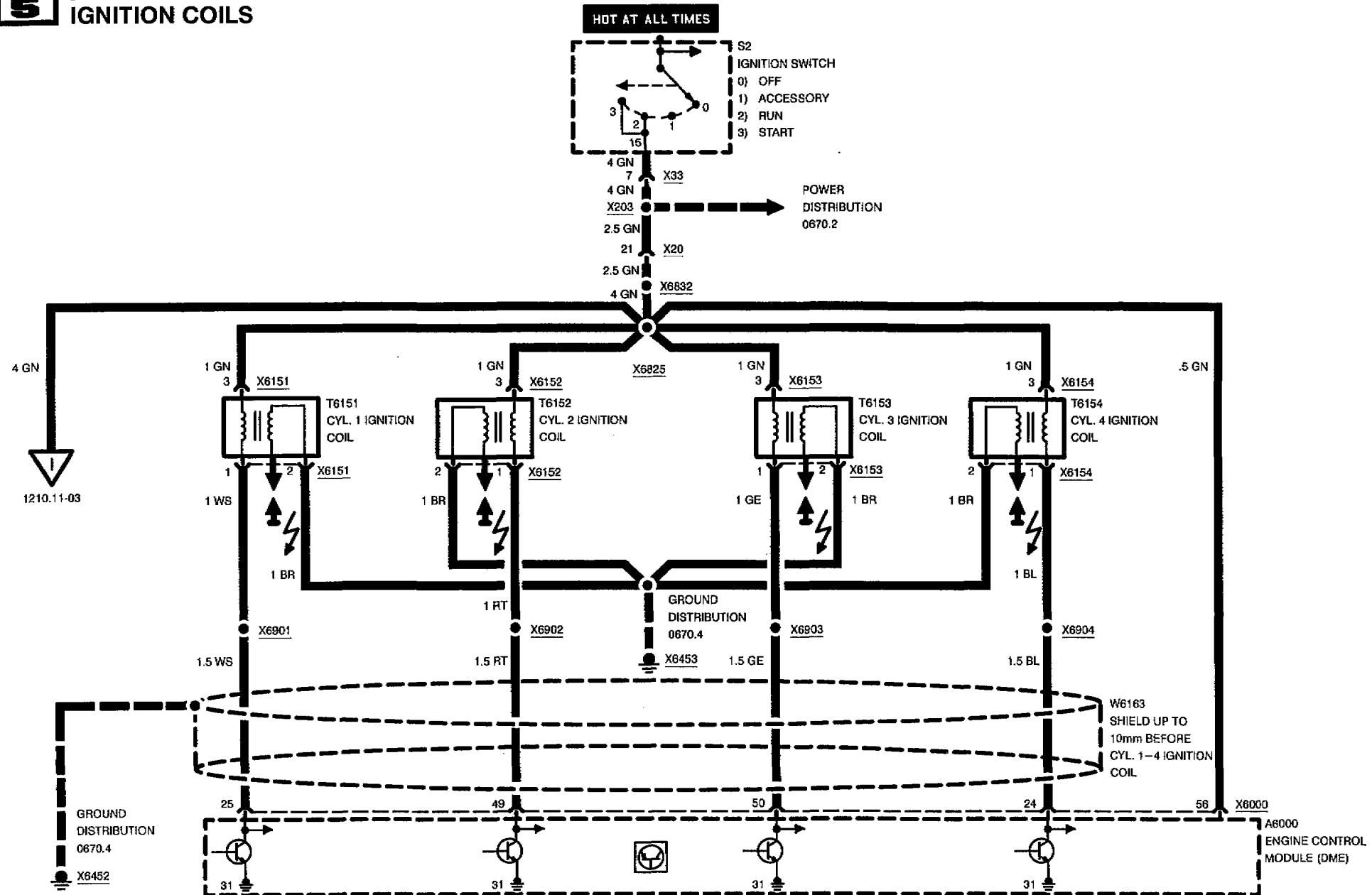


# ENGINE CONTROL SYSTEM (DME M3.3, 8-CYLINDER M60)

## FUEL INJECTION VALVES



## IGNITION COILS



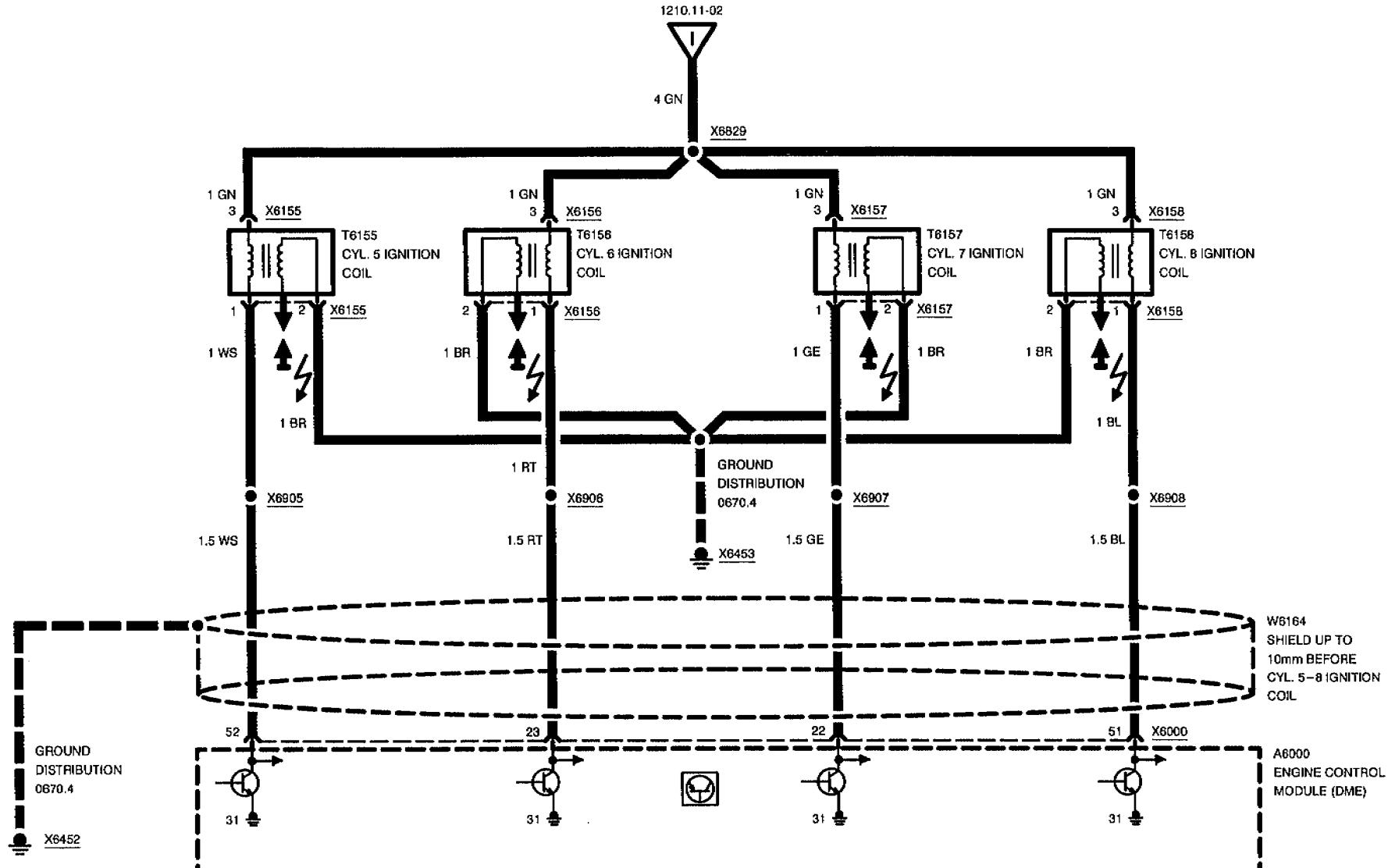


# ENGINE CONTROL SYSTEM (DME M3.3, 8-CYLINDER M60)

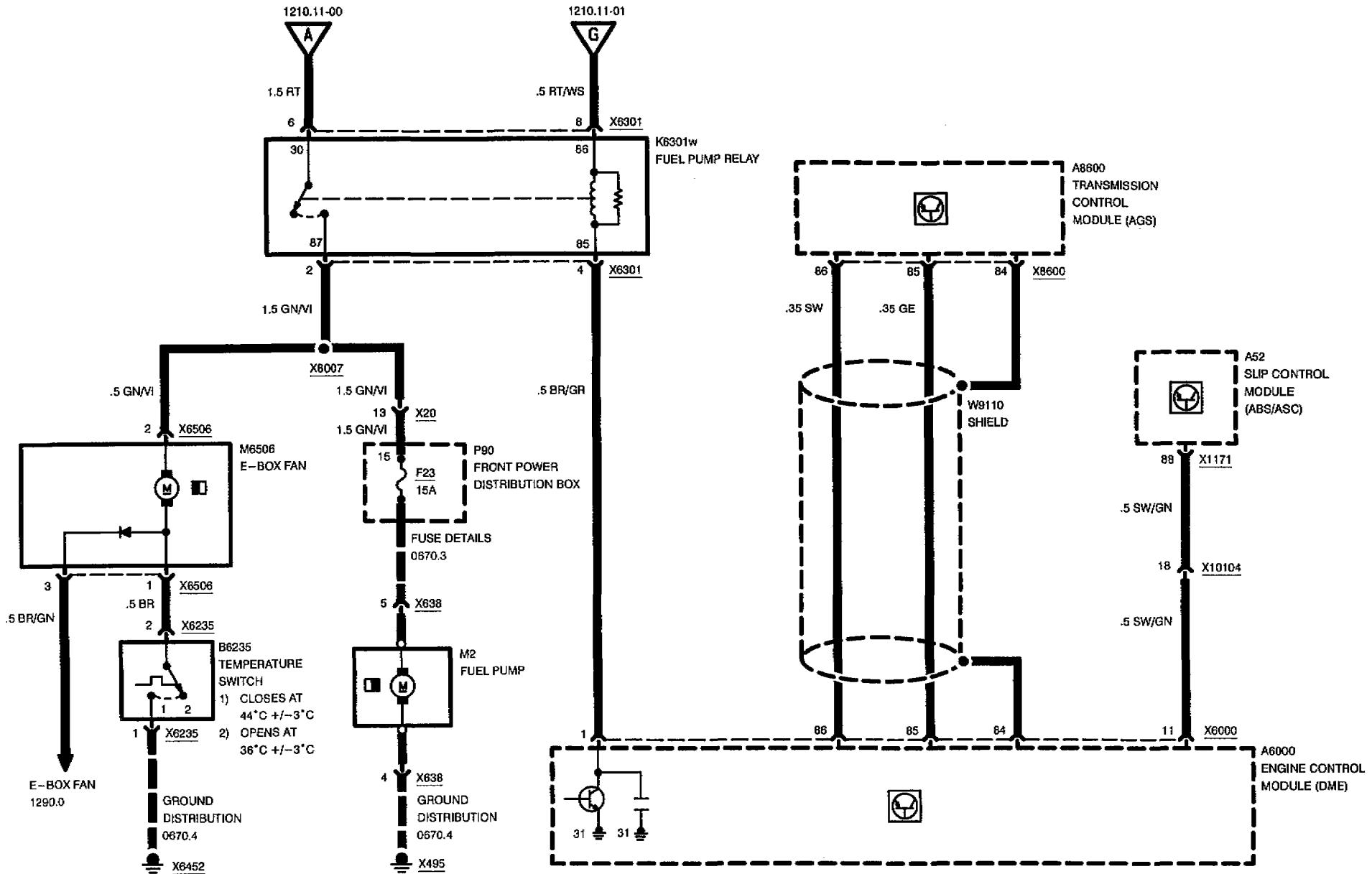
## IGNITION COILS

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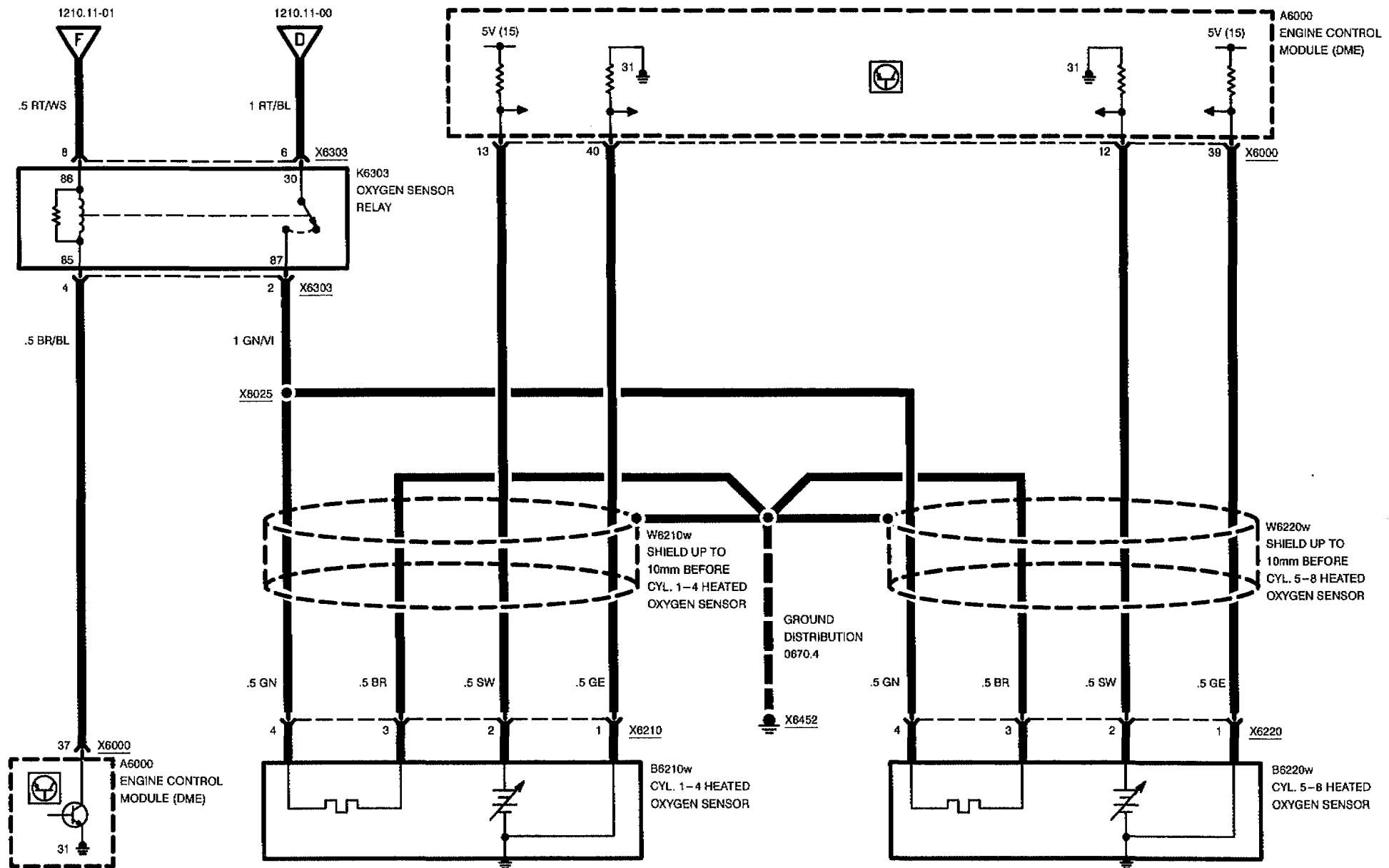


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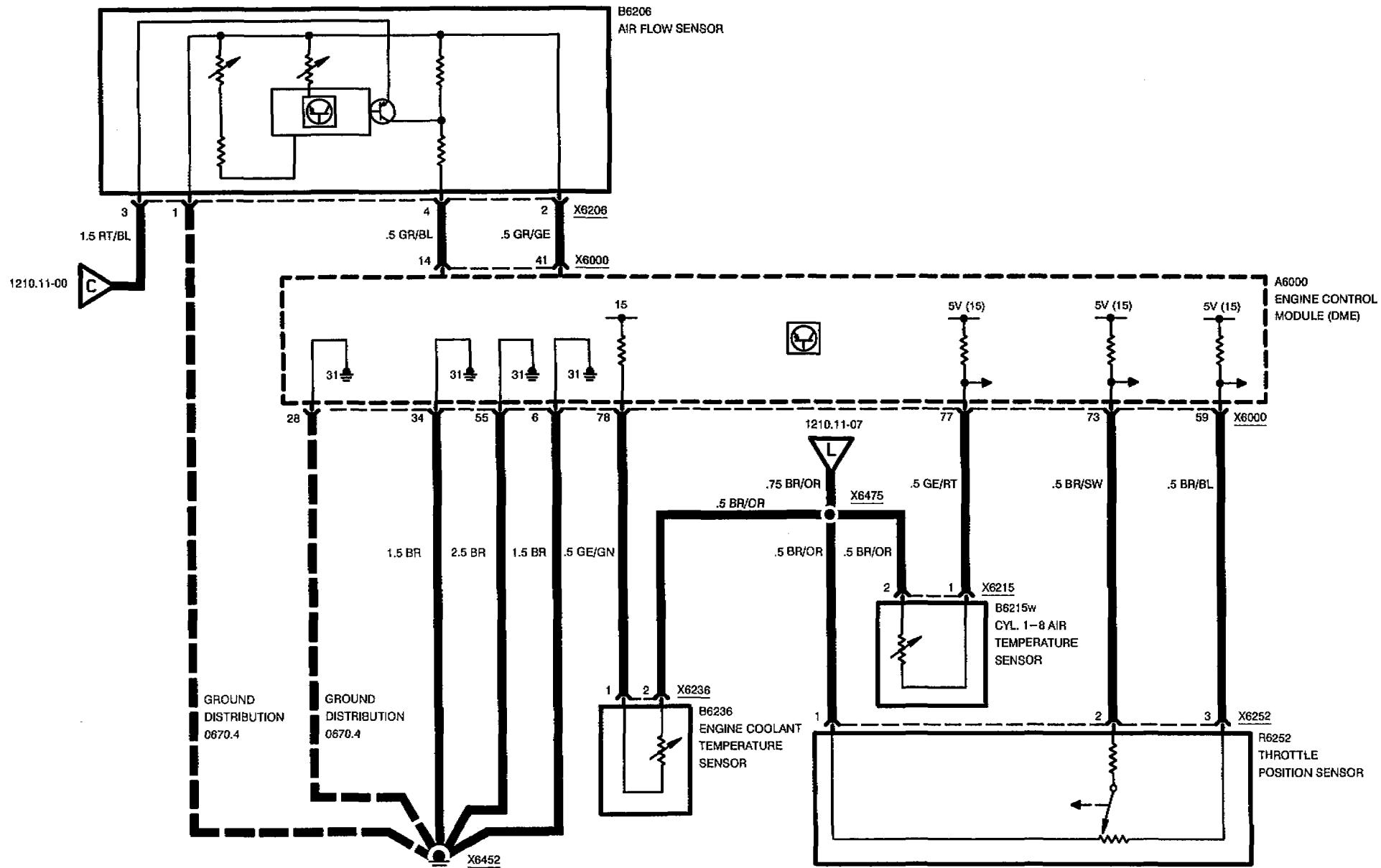


## ENGINE CONTROL SYSTEM (DME M3.3, 8-CYLINDER M60)

## OXYGEN SENSORS



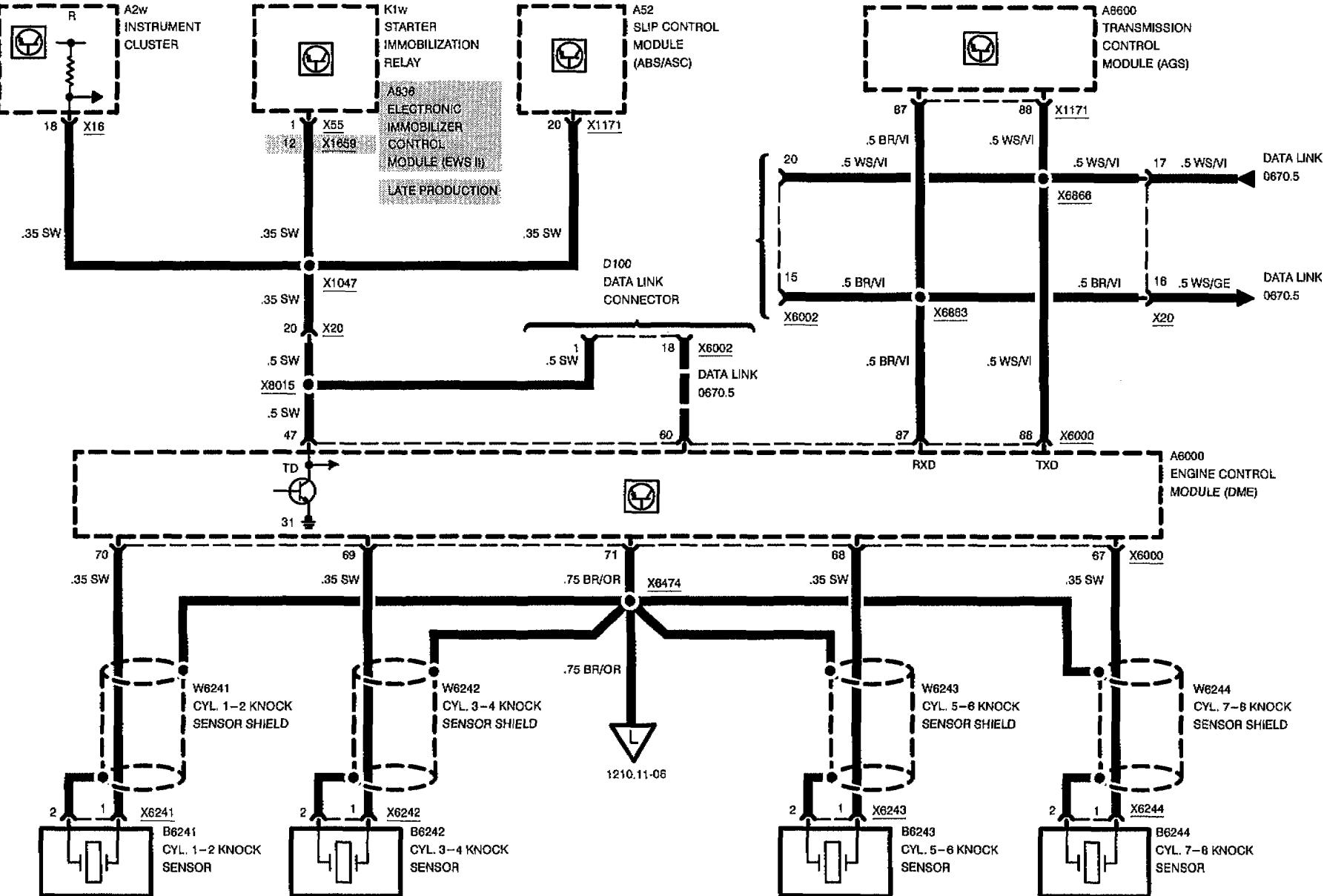
## SENSORS



## ENGINE CONTROL SYSTEM (DME M3.3, 8-CYLINDER M60)

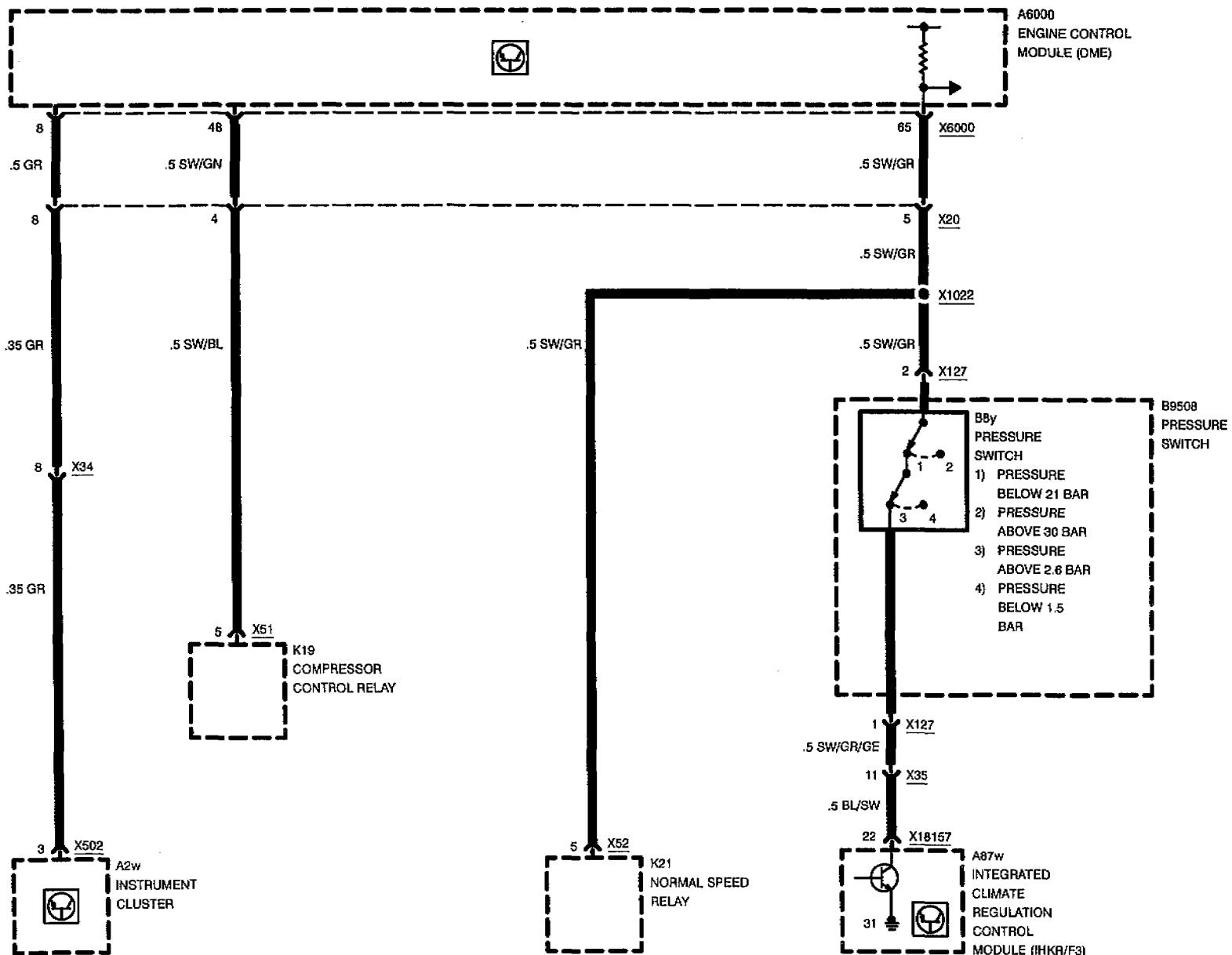
## DATA LINK, KNOCK SENSORS

02/97

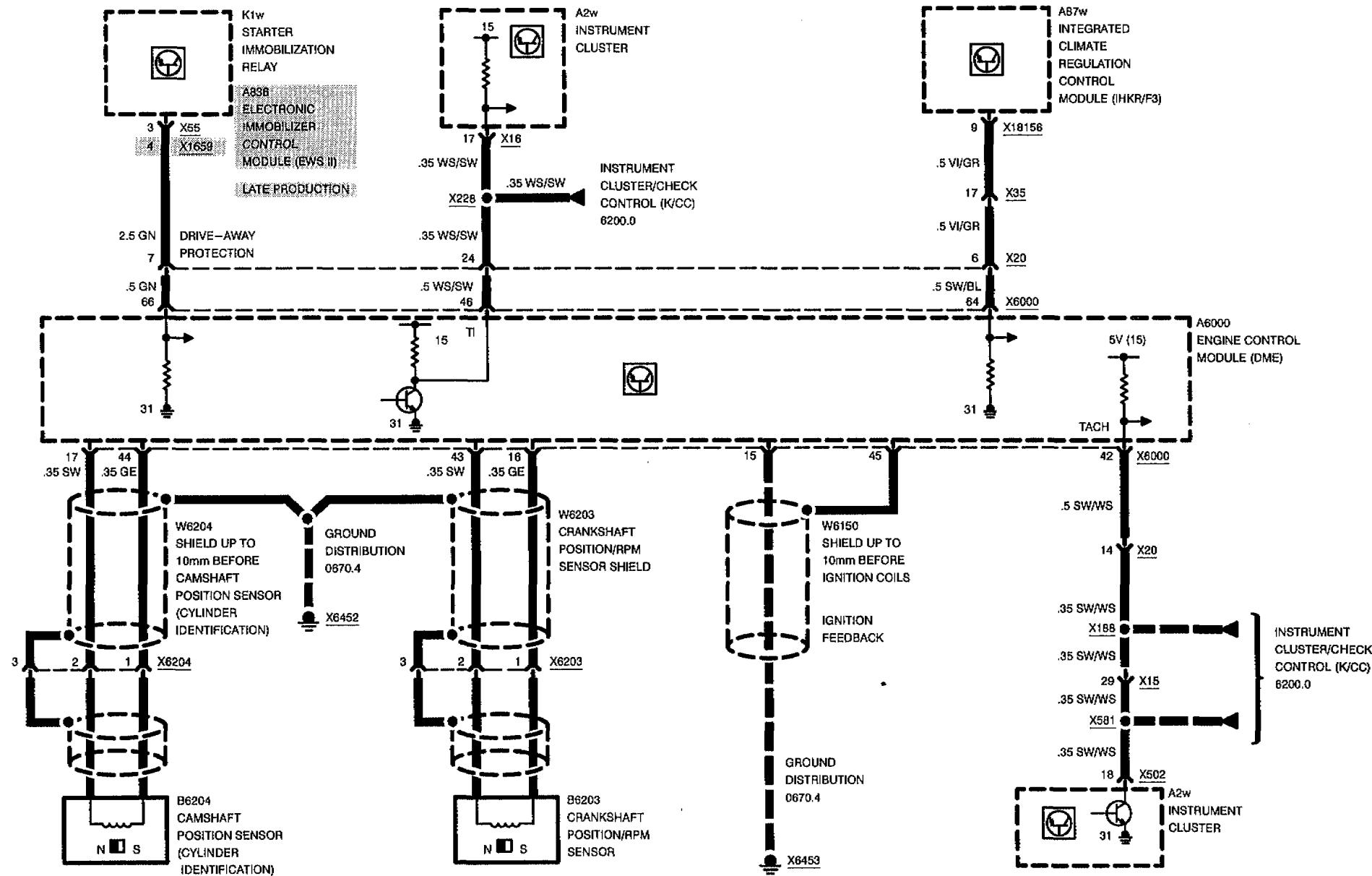


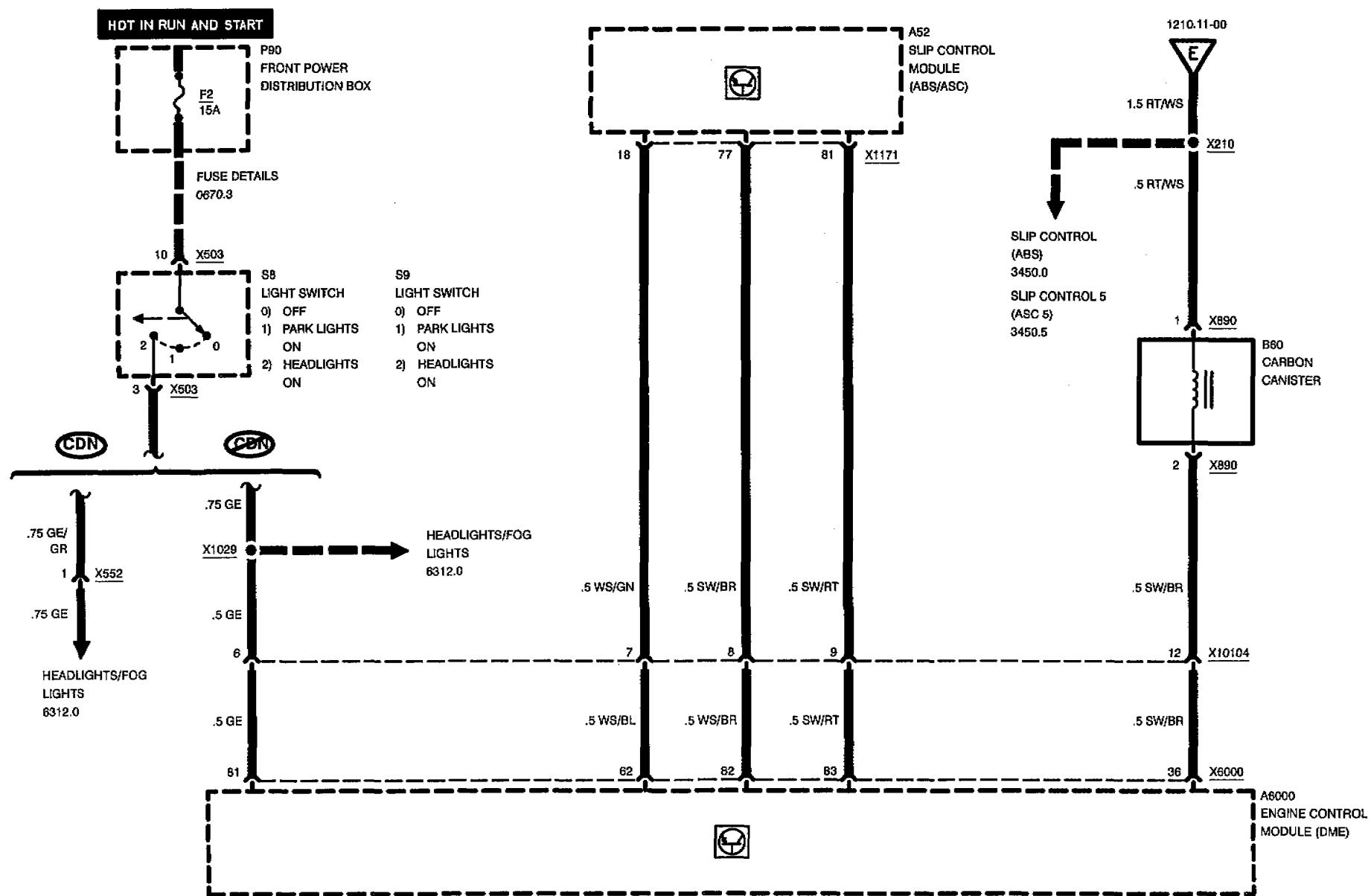
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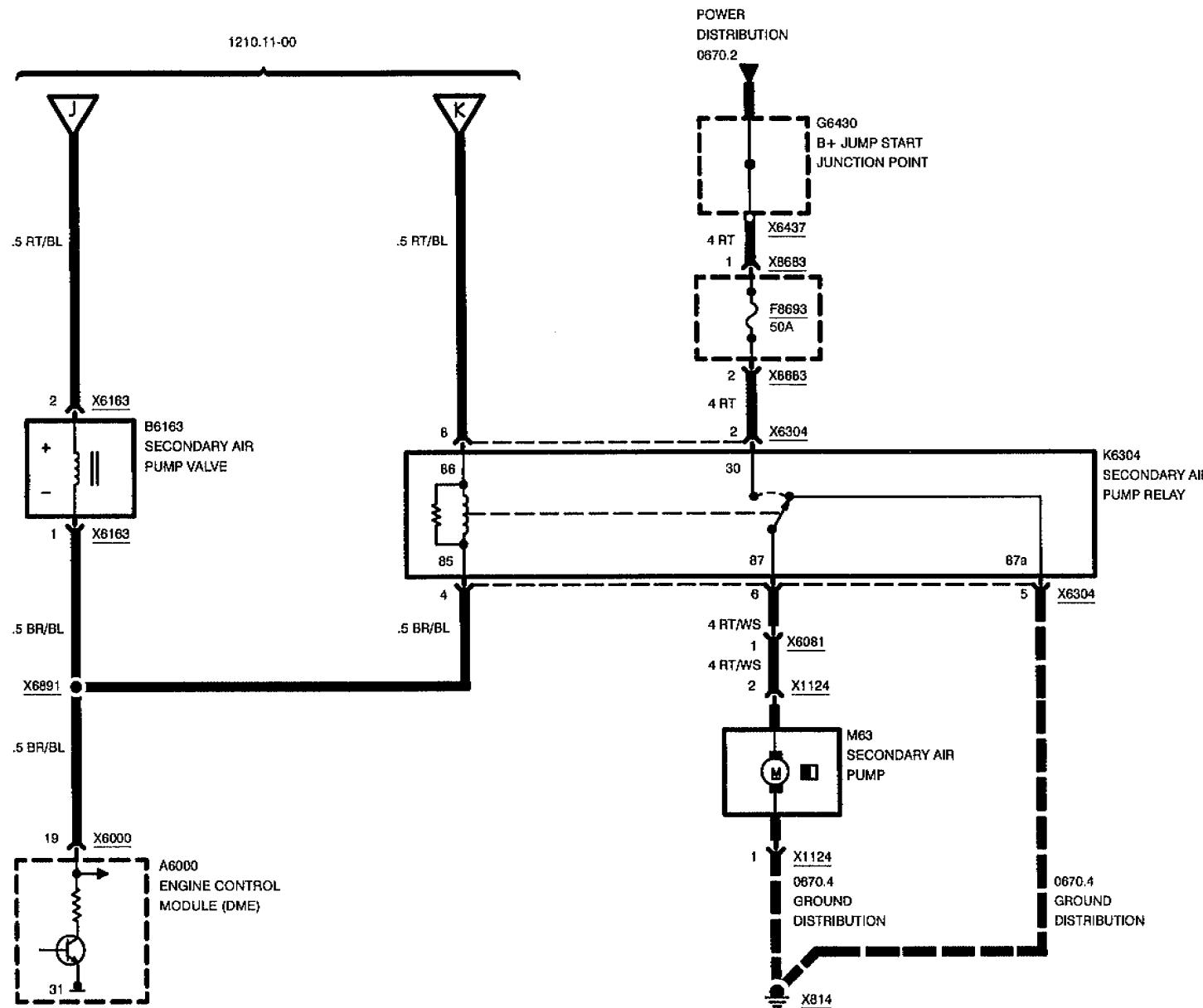
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## ENGINE CONTROL SYSTEM (DME M3.3, 8-CYLINDER M60)







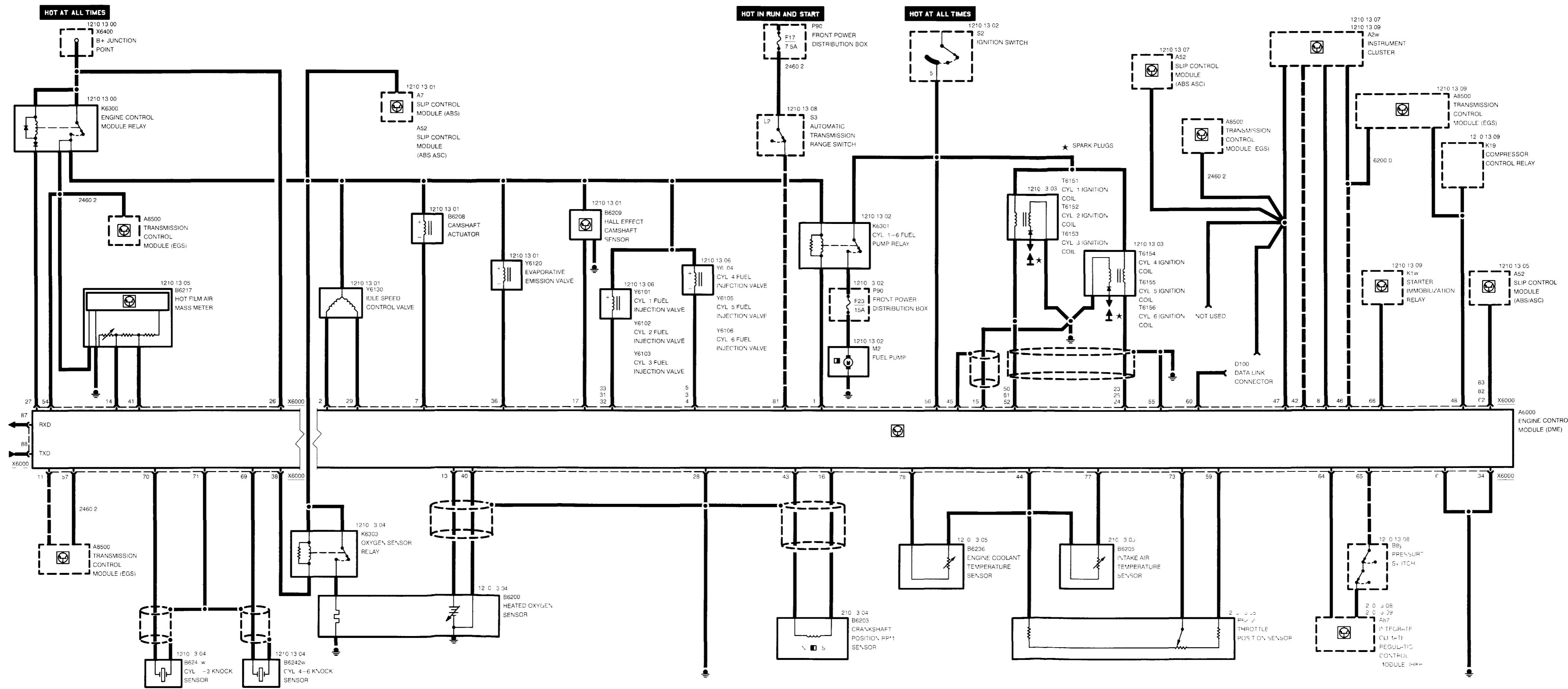


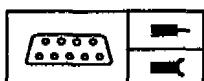
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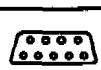


## Pin Assignments

### X6000

Pin	Type	Description/Function	Connection
1	A	Fuel pump relay control	Fuel pump relay, terminal 85
2	A	Idle speed control valve – close winding control	Idle speed control valve
3	A	Cyl. 5 fuel injection valve control	Cyl. 5 fuel injection valve
4	A	Cyl. 6 fuel injection valve control	Cyl. 6 fuel injection valve
5	A	Cyl. 4 fuel injection valve control	Cyl. 4 fuel injection valve
6	M	Ground, fuel injection valve output stages	Ground point
7	A	Camshaft actuator control	Camshaft actuator
8	A	"Check engine" indicator	Instrument cluster
9		Not used	
10		Not used	
11	A	Throttle valve position	Transmission control module (EGS)
12		Not used	
13	E	Oxygen sensor signal	Heated oxygen sensor
14	A	Hot film air mass meter	Hot film air mass meter
15	M	Ground	Ground point
16	E	Crankshaft RPM sensor + signal	Crankshaft RPM sensor
17	E	Crankshaft position sensor	Hall effect camshaft sensor
18		Not used	
19		Not used	
20		Not used	
21		Not used	
22		Not used	
23	A	Cyl. 4 ignition coil control	Cyl. 4 ignition coil
24	A	Cyl. 6 ignition coil control	Cyl. 6 ignition coil
25	A	Cyl. 5 ignition coil control	Cyl. 5 ignition coil
26	E	Terminal 30 voltage supply	B + junction point
27	A	Engine control module relay control	Engine control module relay
28	M	Ground for electronics and shielding of sensors	Ground point

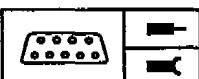
E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
29	A	Idle speed control valve – opening winding control	Idle speed control valve
30		Not used	
31	A	Cyl. 3 fuel injection valve control	Cyl. 3 fuel injection valve
32	A	Cyl. 2 fuel injection valve control	Cyl. 2 fuel injection valve
33	A	Cyl. 1 fuel injection valve control	Cyl. 1 fuel injection valve
34	M	Ground, remaining output stages (except for ignition and fuel injection valves)	Ground point
35		Not used	
36	A	Evaporation emission valve control	Evaporative emission valve
37		Not used	
38	A	Oxygen sensor, heater control	Oxygen sensor relay
39		Not used	
40	M	Oxygen sensor signal ground	Heated oxygen sensor
41	E	Hot film air mass meter	Hot film air mass meter
42	E	Vehicle speed signal TD	Instrument cluster
43	E	Crankshaft RPM sensor – signal	Crankshaft RPM sensor
44	A	Ground for sensors	Engine intake air temperature sensor, engine coolant temperature sensor, and throttle position sensor
45	A	Ground	Shield Ignition
46	A	ti measurement signal (fuel consumption)	Instrument cluster
47	A	Crankshaft RPM speed signal TD	Instrument cluster
48	A	A/C compressor control	Compressor control relay
49		Not used	
50	A	Cyl. 1 ignition coil control	Cyl. 1 ignition coil
51	A	Cyl. 2 ignition coil control	Cyl. 2 ignition coil
52	A	Cyl. 3 ignition coil control	Cyl. 3 ignition coil
53		Not used	
54	E	Battery volt. from eng. control module relay	Engine control module relay
55	M	Ground, ignition	Ground point
56	E	Ignition switch, terminal 15	Ignition switch
57	E	Ignition timing intervention	Transmission control module (EGS)

E = Input, A = Output, M = Ground



## Pin Assignments

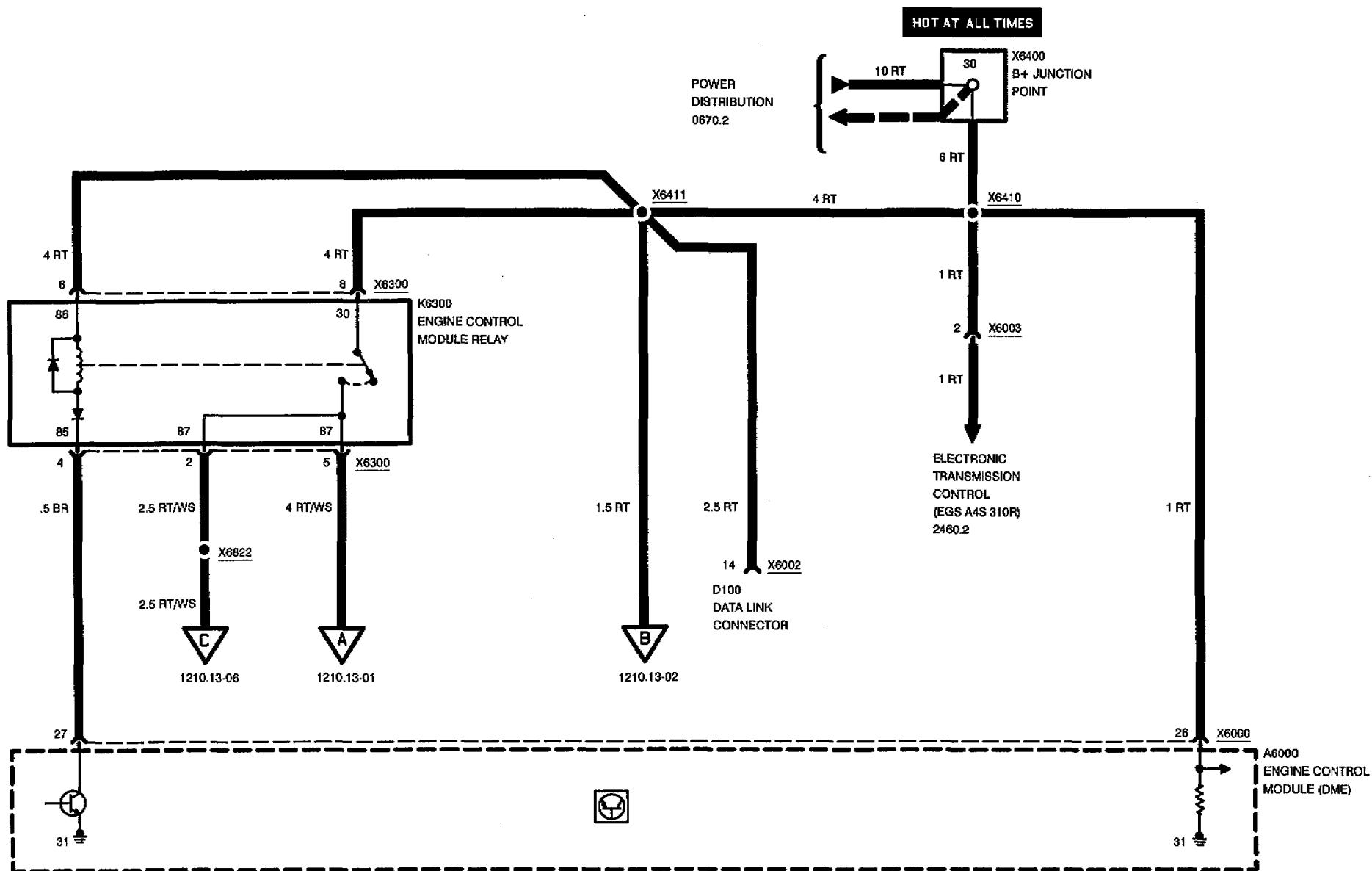
Pin	Type	Description/Function	Connection
58		Not used	
59	A	5V Component supply	Throttle position sensor
60	E	Programming voltage	Data link connector
61		Not used	
62	A	Throttle valve angle position signal	Slip control module (ABS/ASC+T)
63		Not used	
64	E	Compressor signal	Integrated climate regulation control module
65	E	A/C Pressure signal	Pressure switch
66	E	Drive-away protection signal (code)	Starter immobilization relay
67		Not used	
68		Not used	
69	E	Cyl. 4–6 knock sensor	Cyl. 4–6 knock sensor
70	E	Cyl. 1–3 knock sensor	Cyl. 1–3 knock sensor
71	M	Ground for knock sensors and shield	Cyl. 1–3 knock sensor, Cyl. 4–6 knock sensor and shields
72		Not used	
73	E	Throttle position	Throttle position sensor
74		Not used	
75		Not used	
76		Not used	
77	E	Engine intake air temperature	Engine intake air temperature sensor
78	E	Engine coolant temperature	Engine coolant temperature sensor
79		Not used	
80		Not used	
81	E	Drive range P/N	Transmission range switch
82	E	Throttle valve angle reduction	Slip control module (ABS/ASC+T)
83	E	Throttle valve angle increase	Slip control module (ABS/ASC+T)
84		Not used	
85		Not used	
86		Not used	
87	E	RxD diagnostic data line	Data link connector
88	E/A	TxD diagnostic data line	Data link connector

E = Input, A = Output, M = Ground



# ENGINE CONTROL SYSTEM (DME M3.3.1, 6-CYLINDER M50)

## POWER



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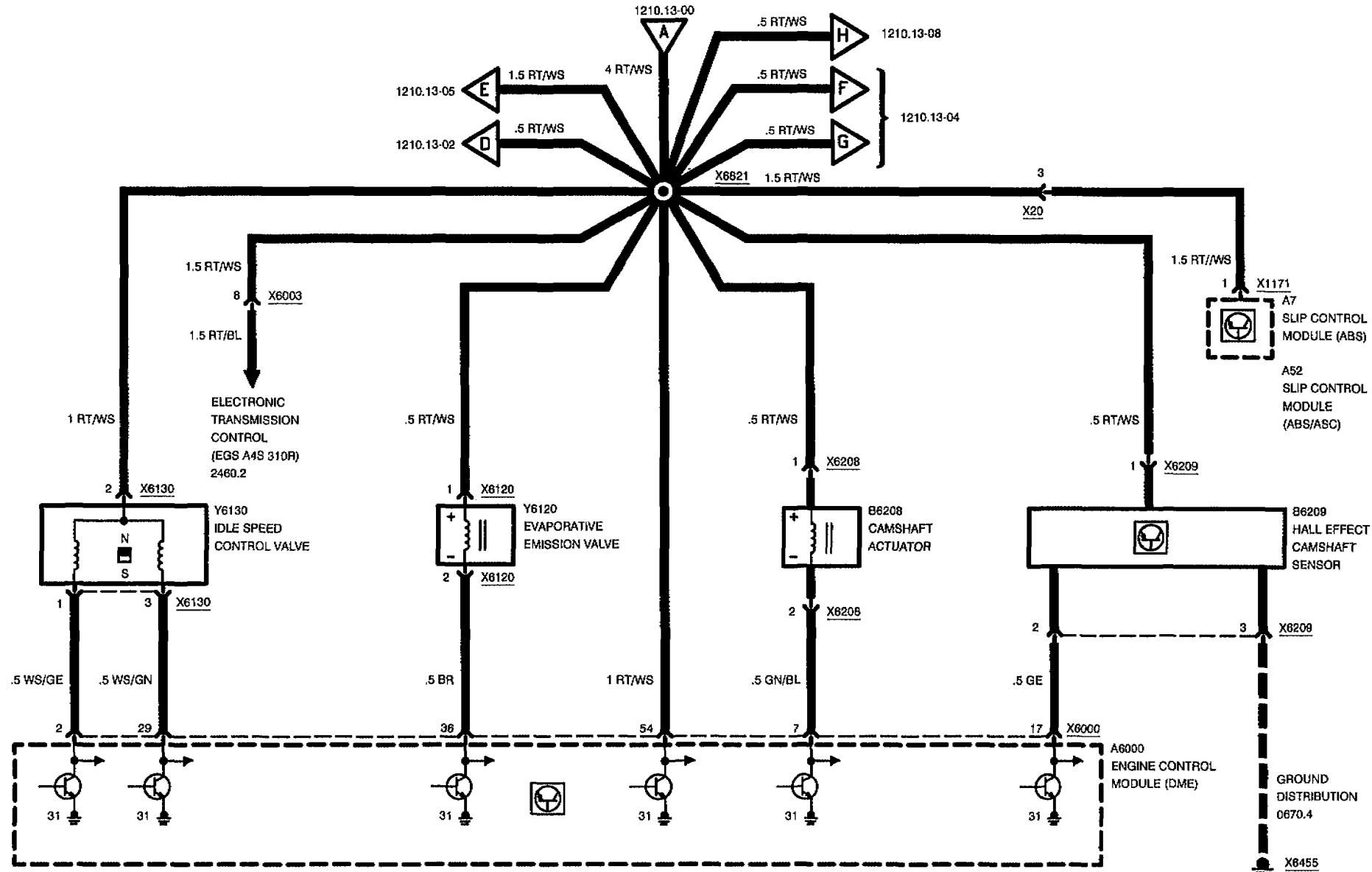
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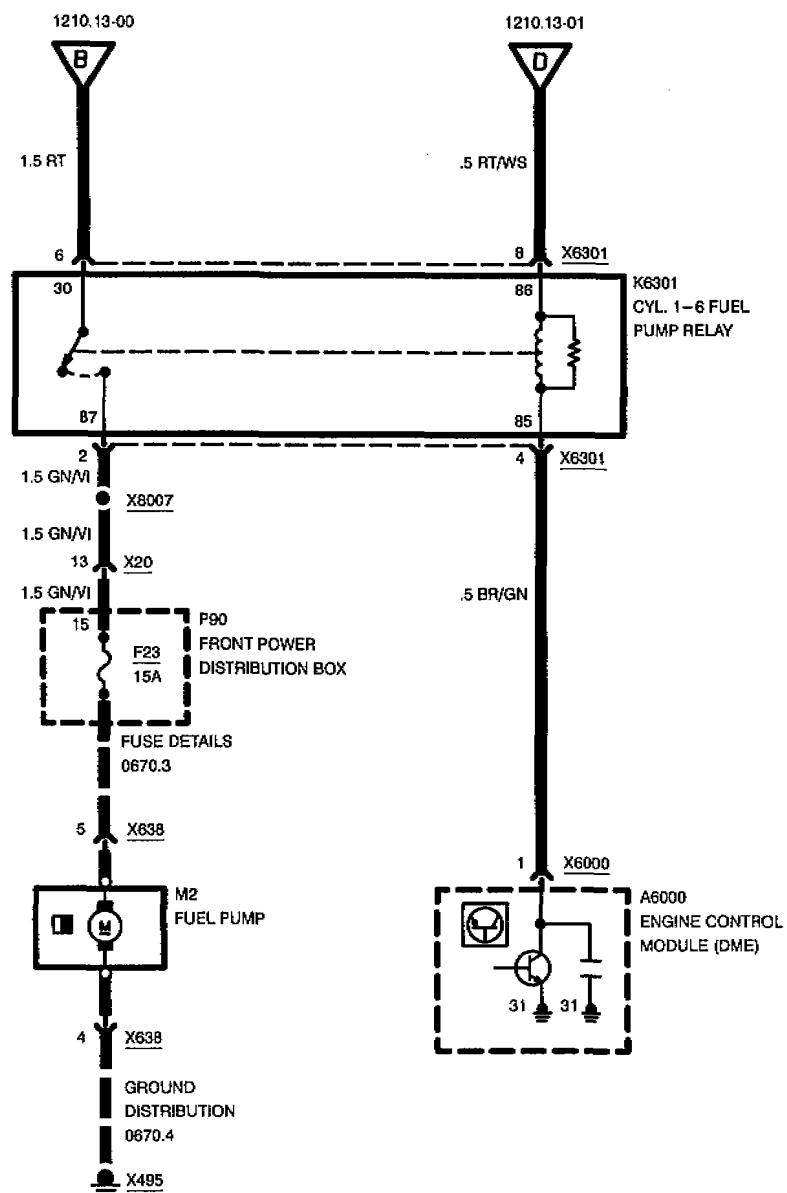
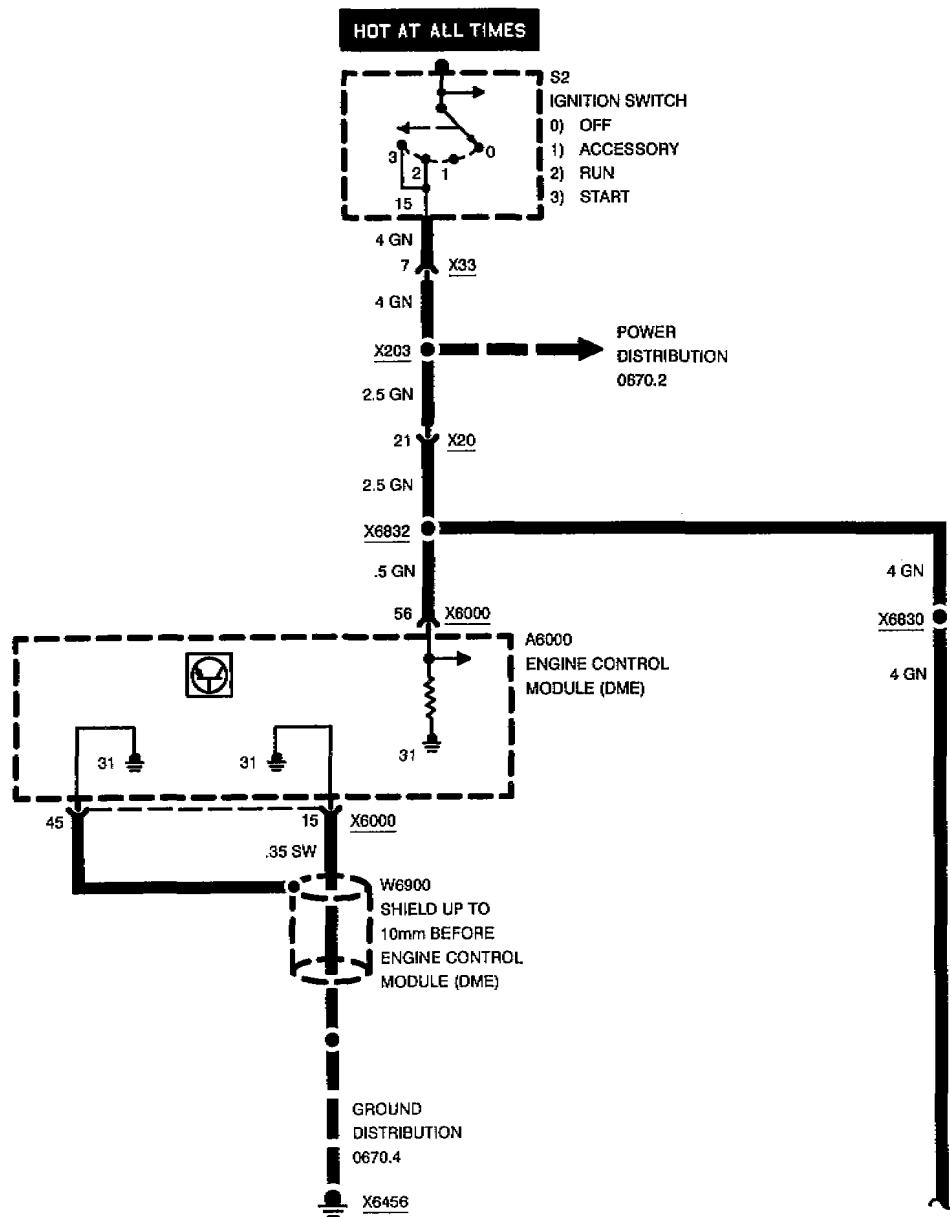
# BMW 5 ENGINE CONTROL SYSTEM (DME M3.3.1, 6-CYLINDER M50)

02/97

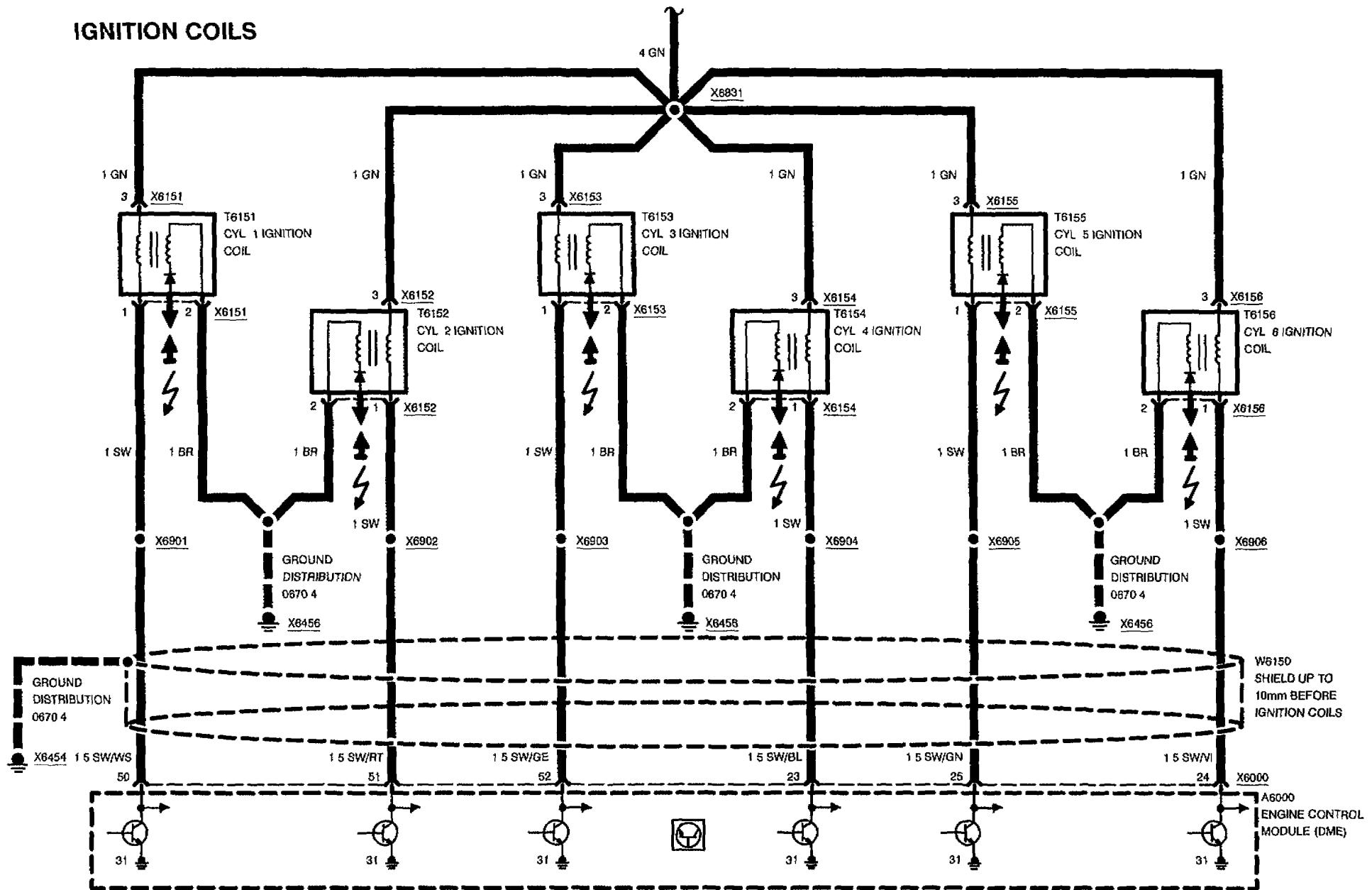
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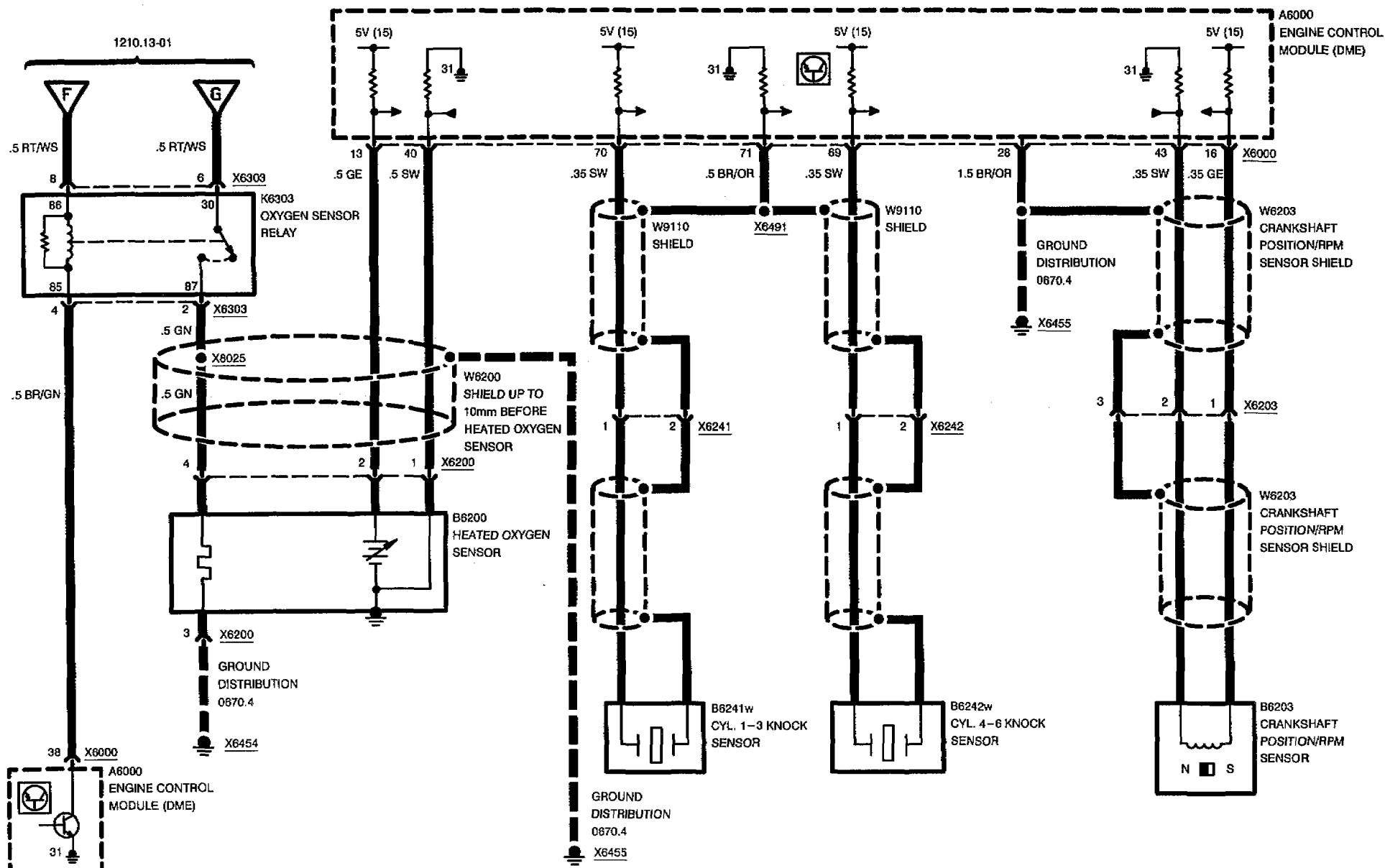


## IGNITION COILS



**BMW** **5** **ENGINE CONTROL SYSTEM (DME M3.3.1, 6-CYLINDER M50)**  
**SENSORS**

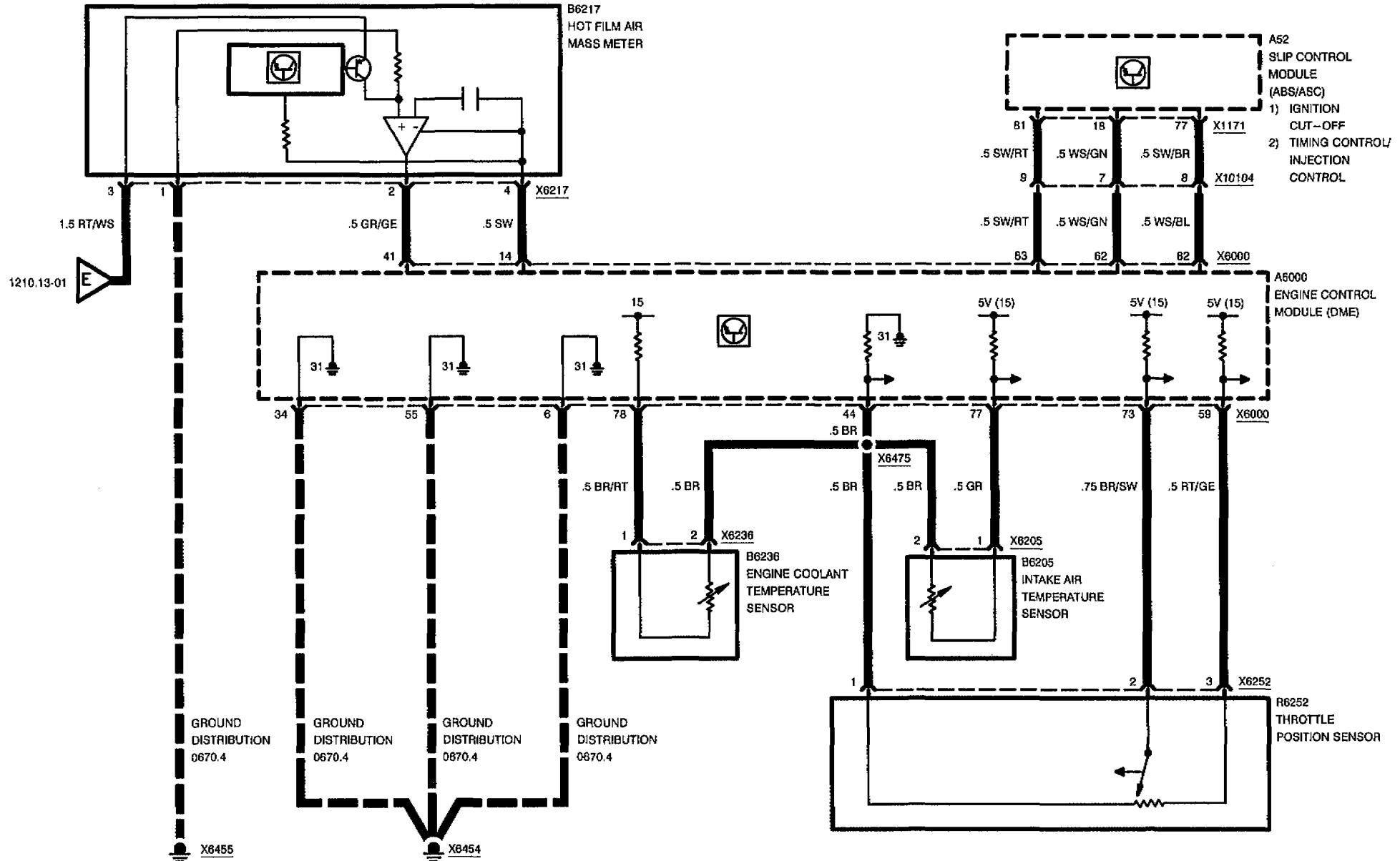
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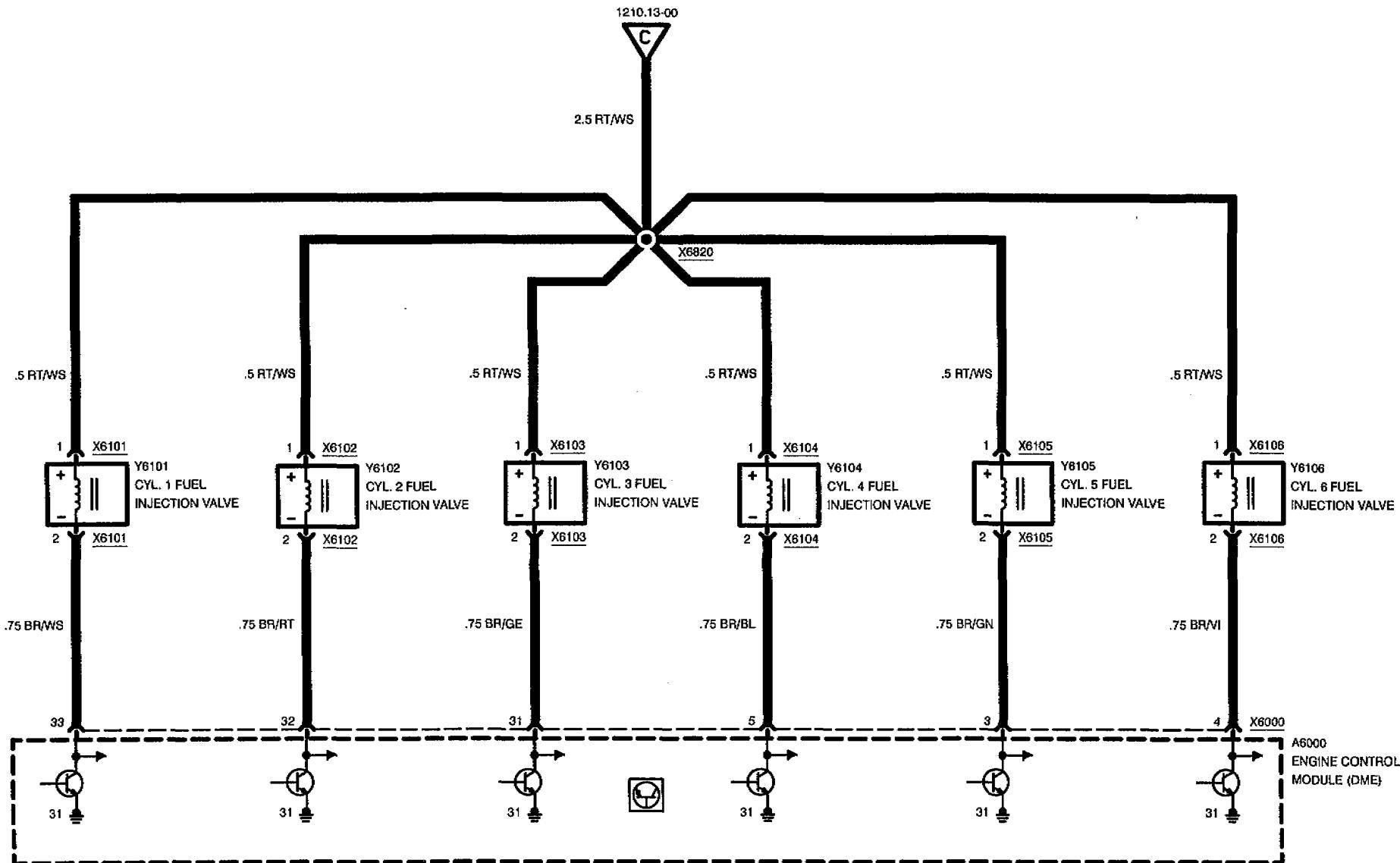
## ENGINE CONTROL SYSTEM (DME M3.3.1, 6-CYLINDER M50)



**BMW** **5** **ENGINE CONTROL SYSTEM (DME M3.3.1, 6-CYLINDER M50)**

**FUEL INJECTION VALVES**

02/97



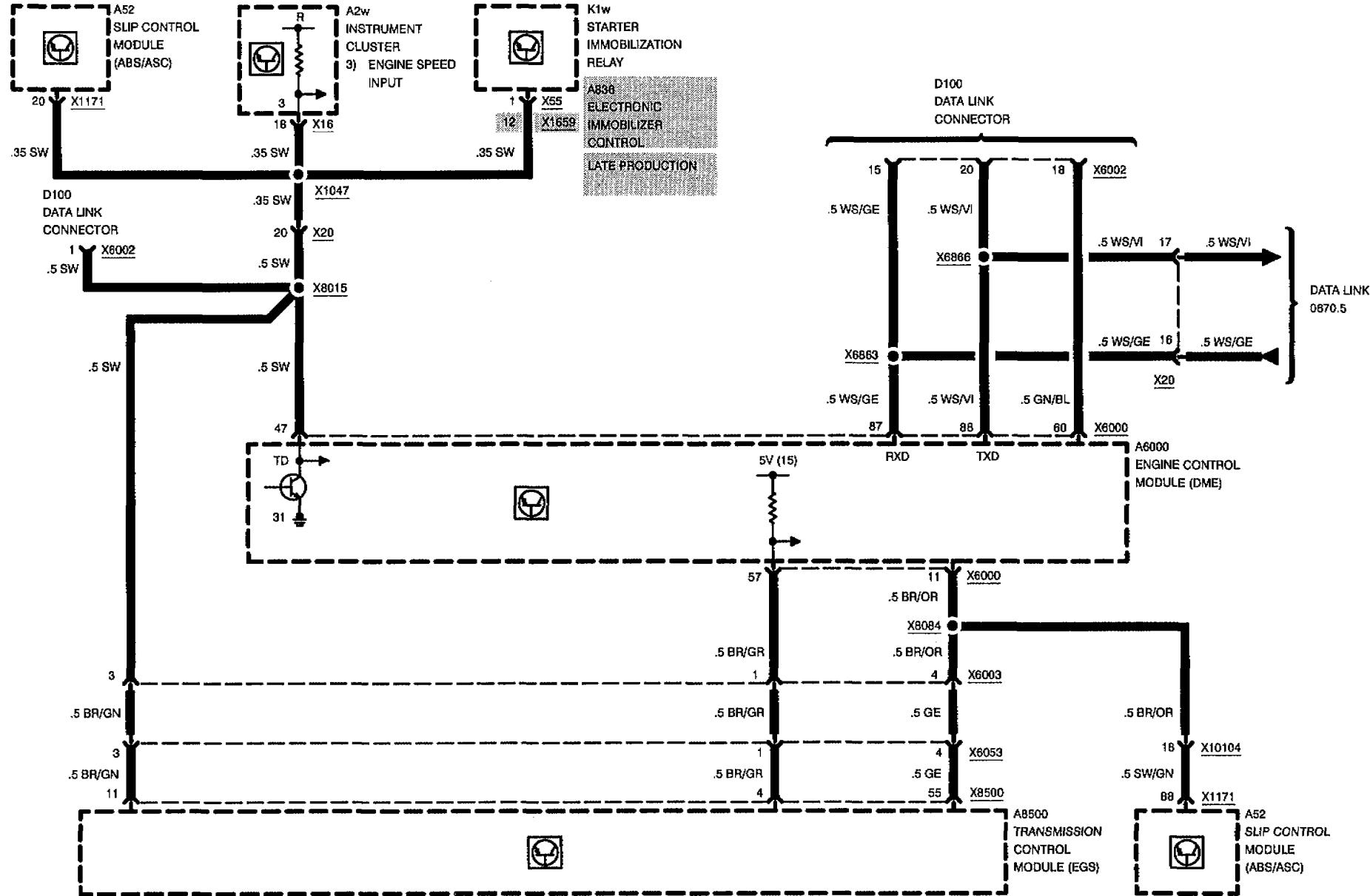
BMW  
5

## ENGINE CONTROL SYSTEM (DME M3.3.1, 6-CYLINDER M50)

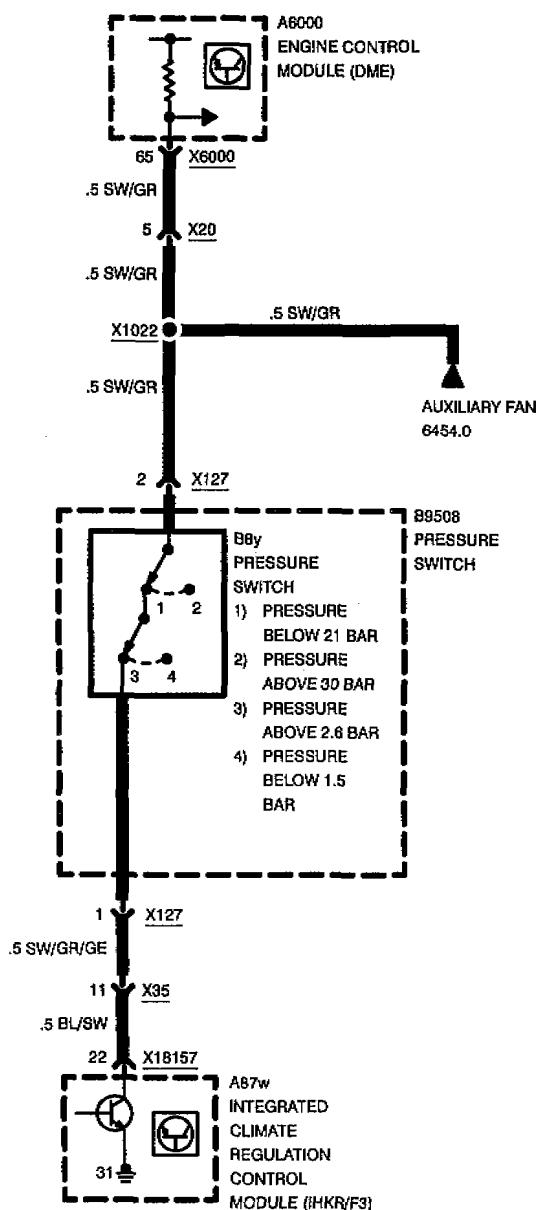
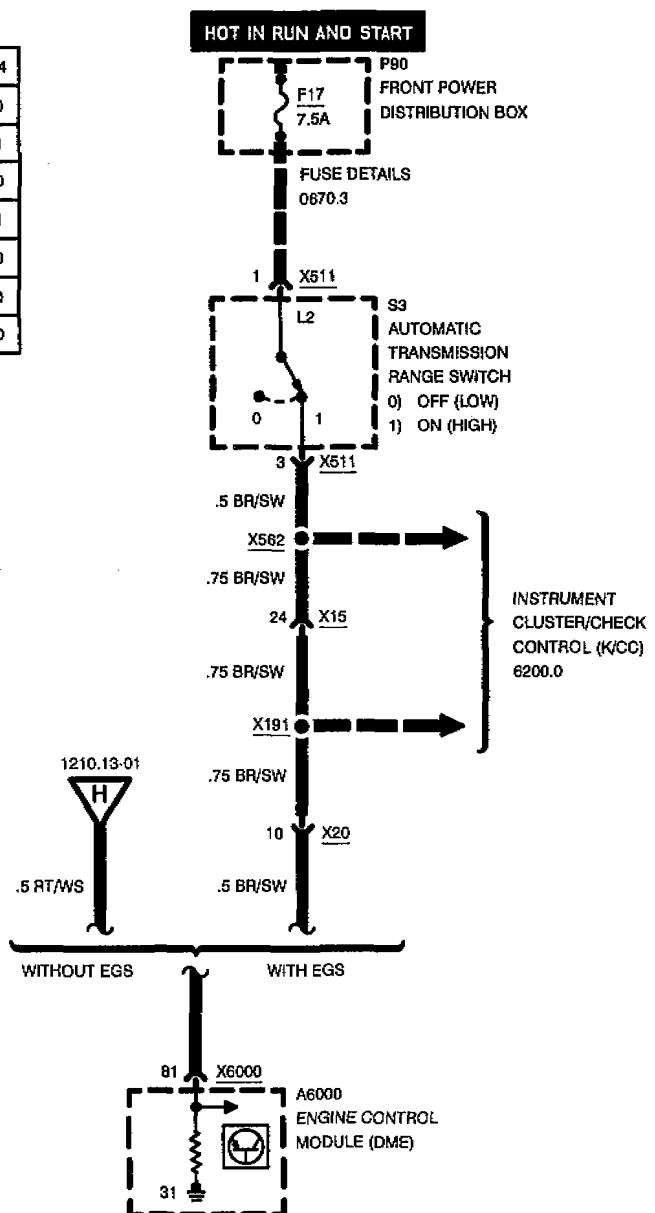
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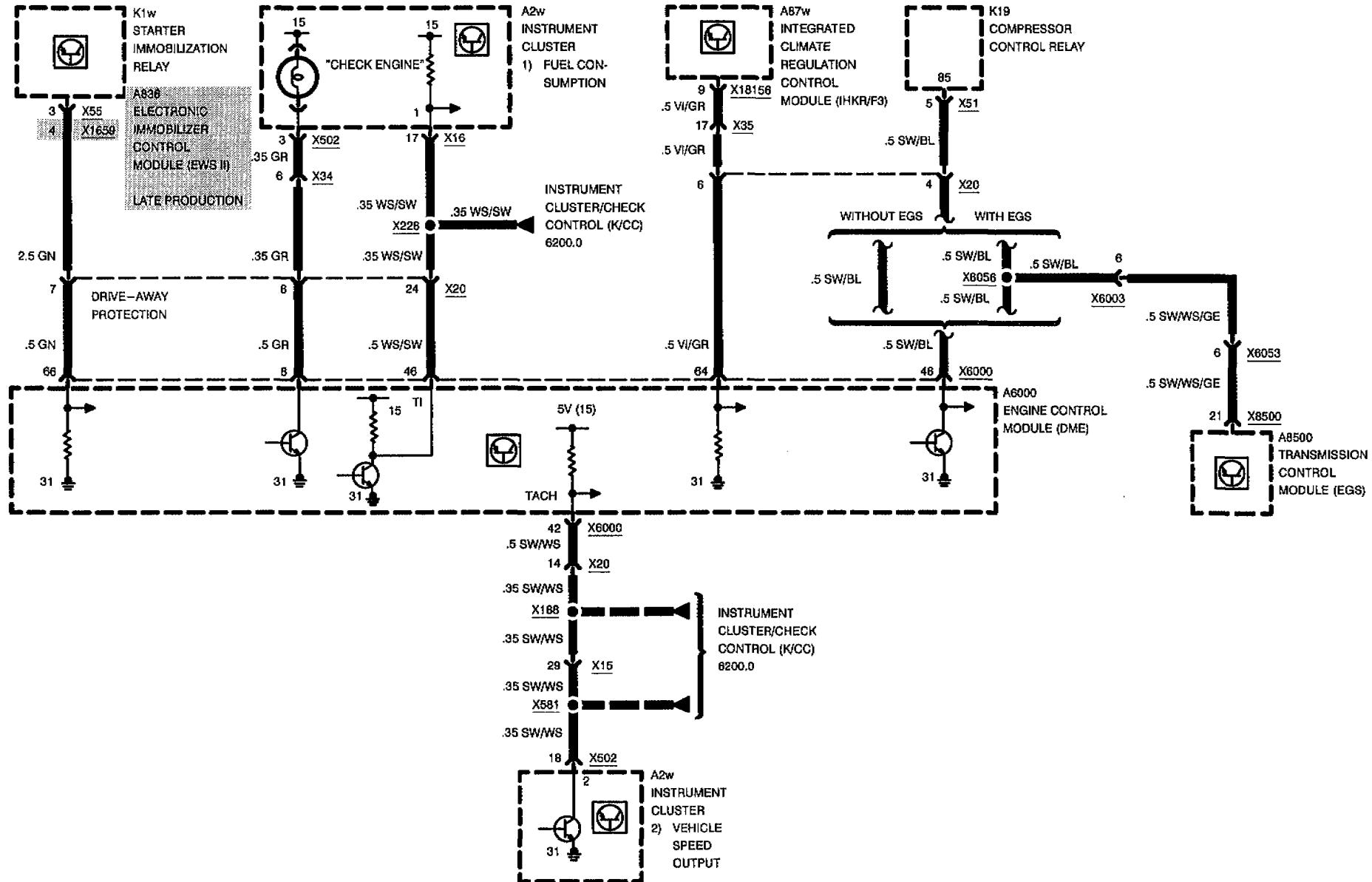
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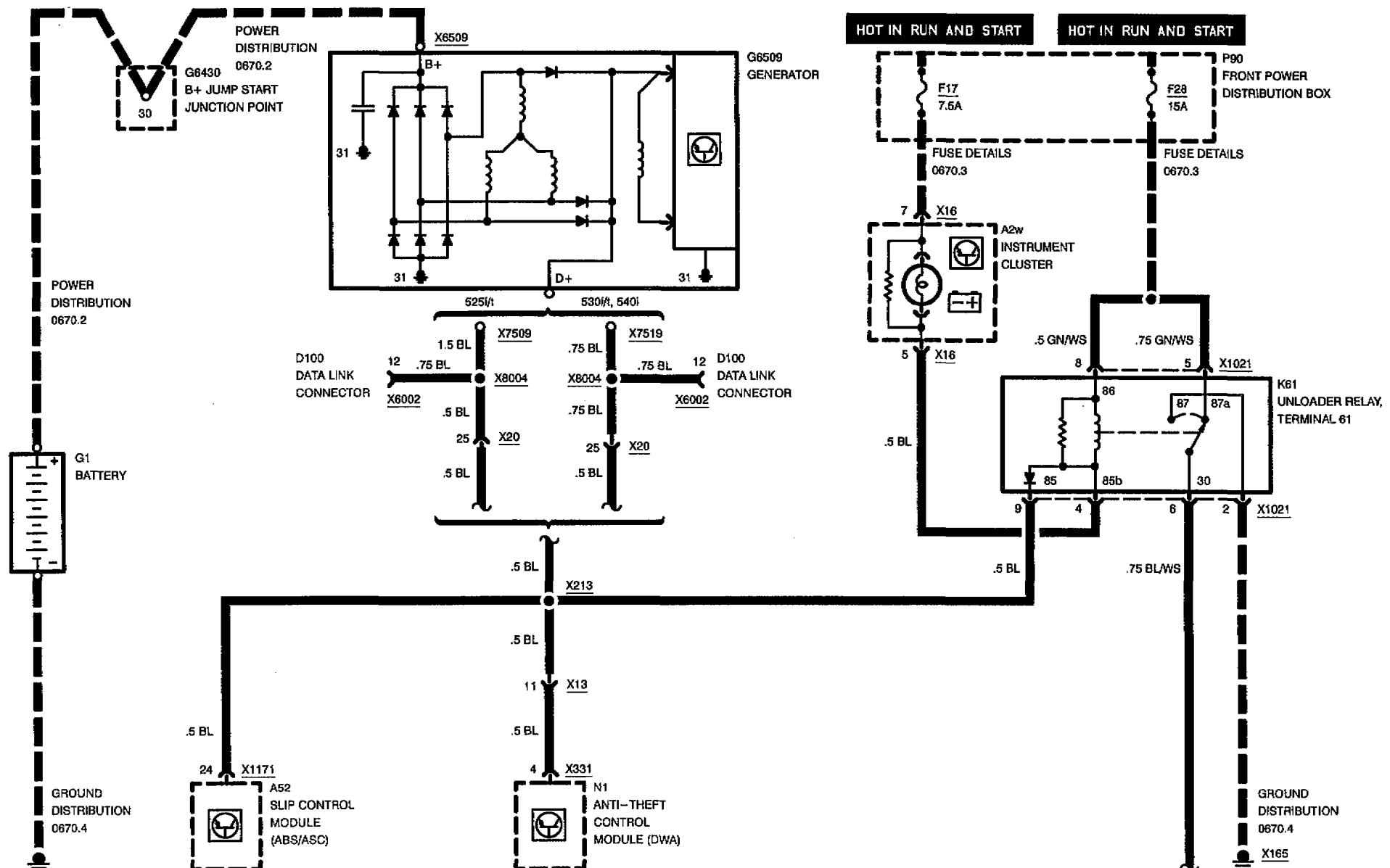
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	L1	L2	L3	L4
P	1	1	0	0
R	1	0	0	1
N	0	1	1	0
D	0	0	0	1
3	0	0	1	0
2	1	0	0	0
1	1	0	1	0



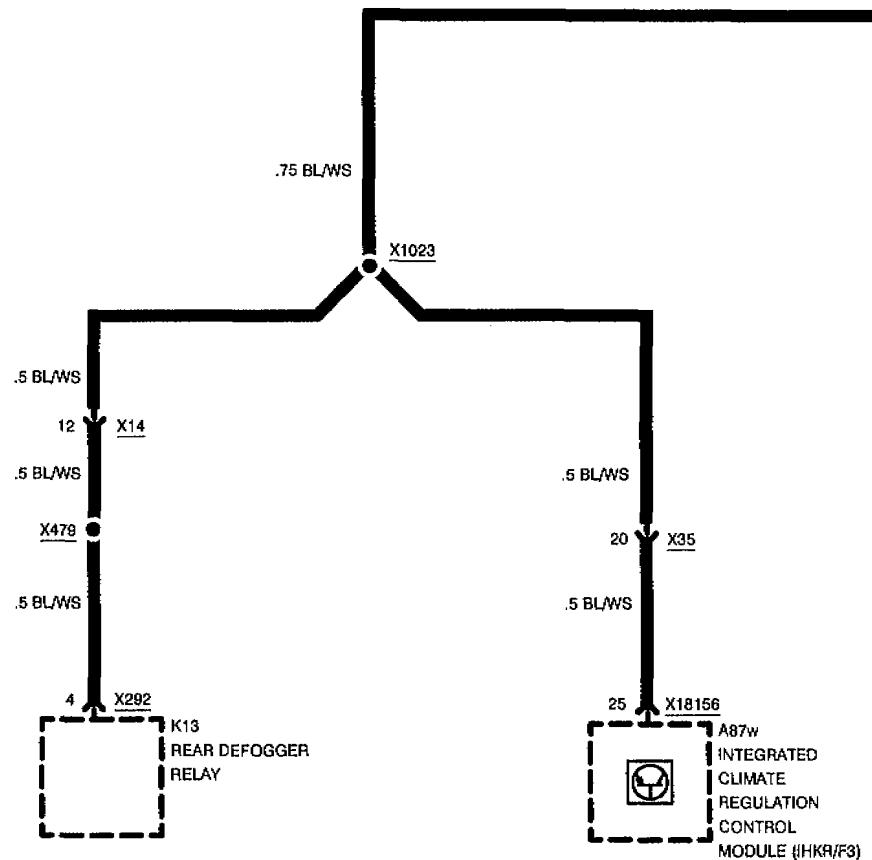




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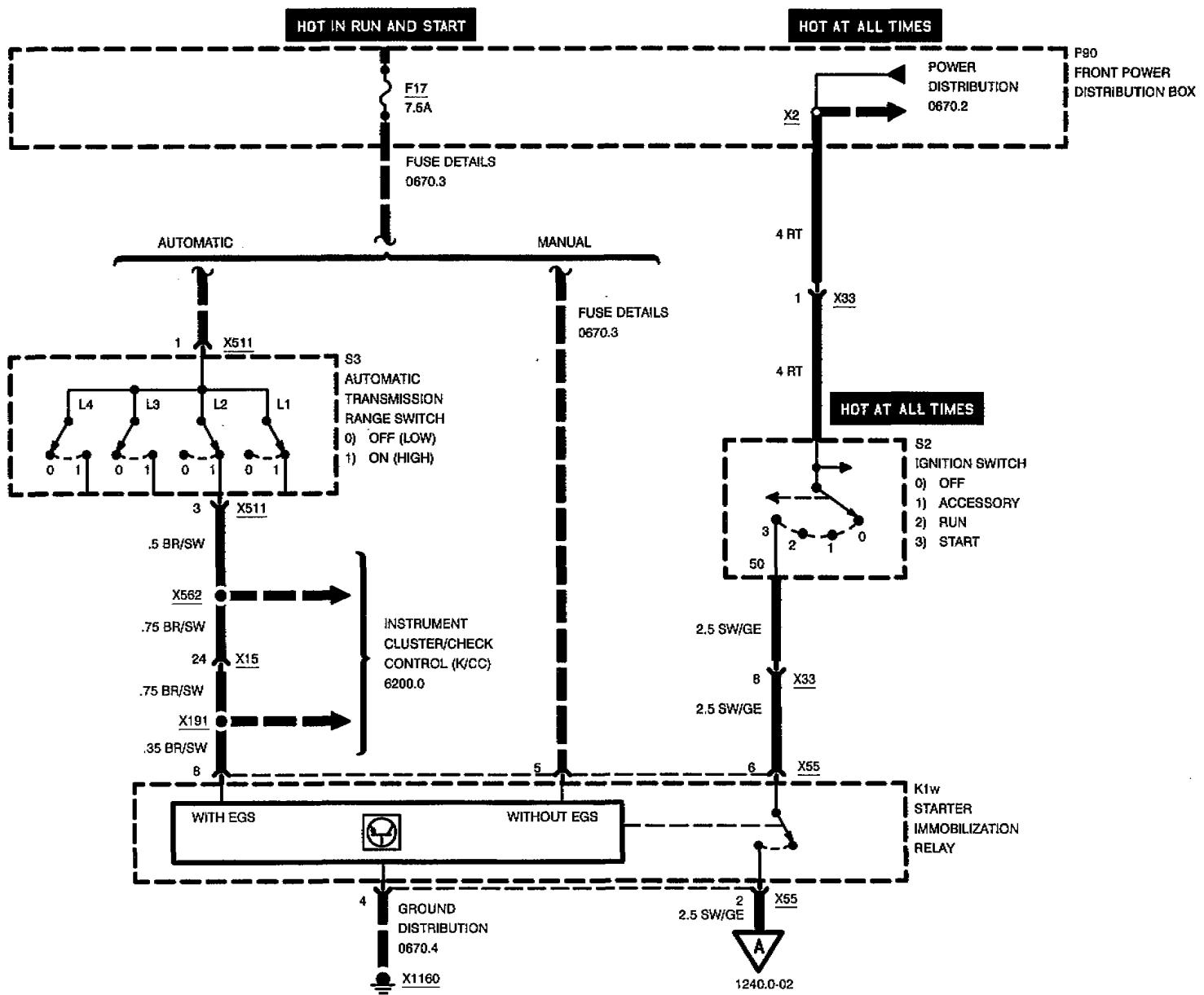


AGS A5S 310Z  
AGS A5S 560Z

	L1	L2	L3	L4
P	1	1	0	1
R	1	0	0	0
N	1	1	1	0
D	0	0	0	1
4	0	0	1	1
3	1	0	1	1
2	0	0	1	0

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

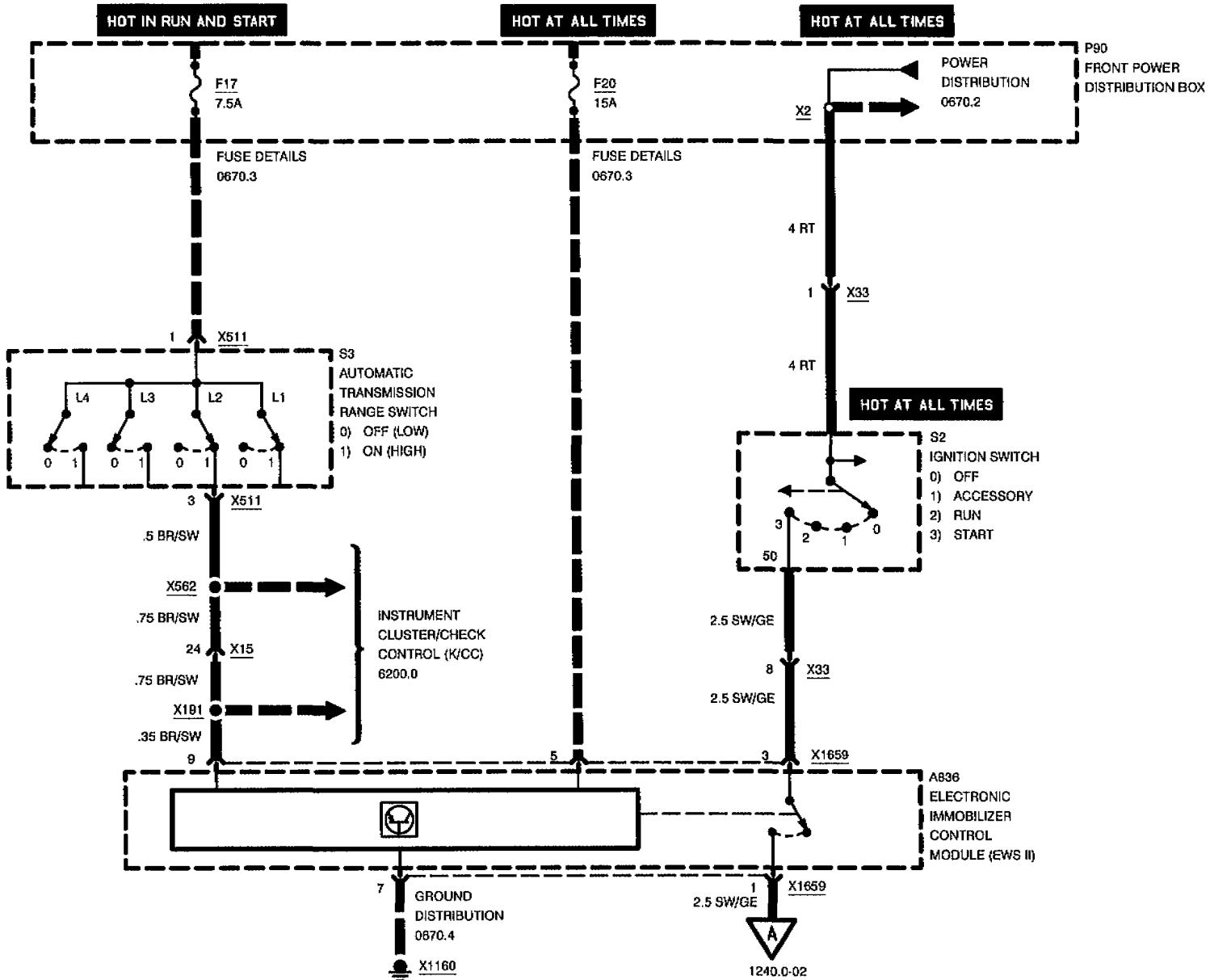


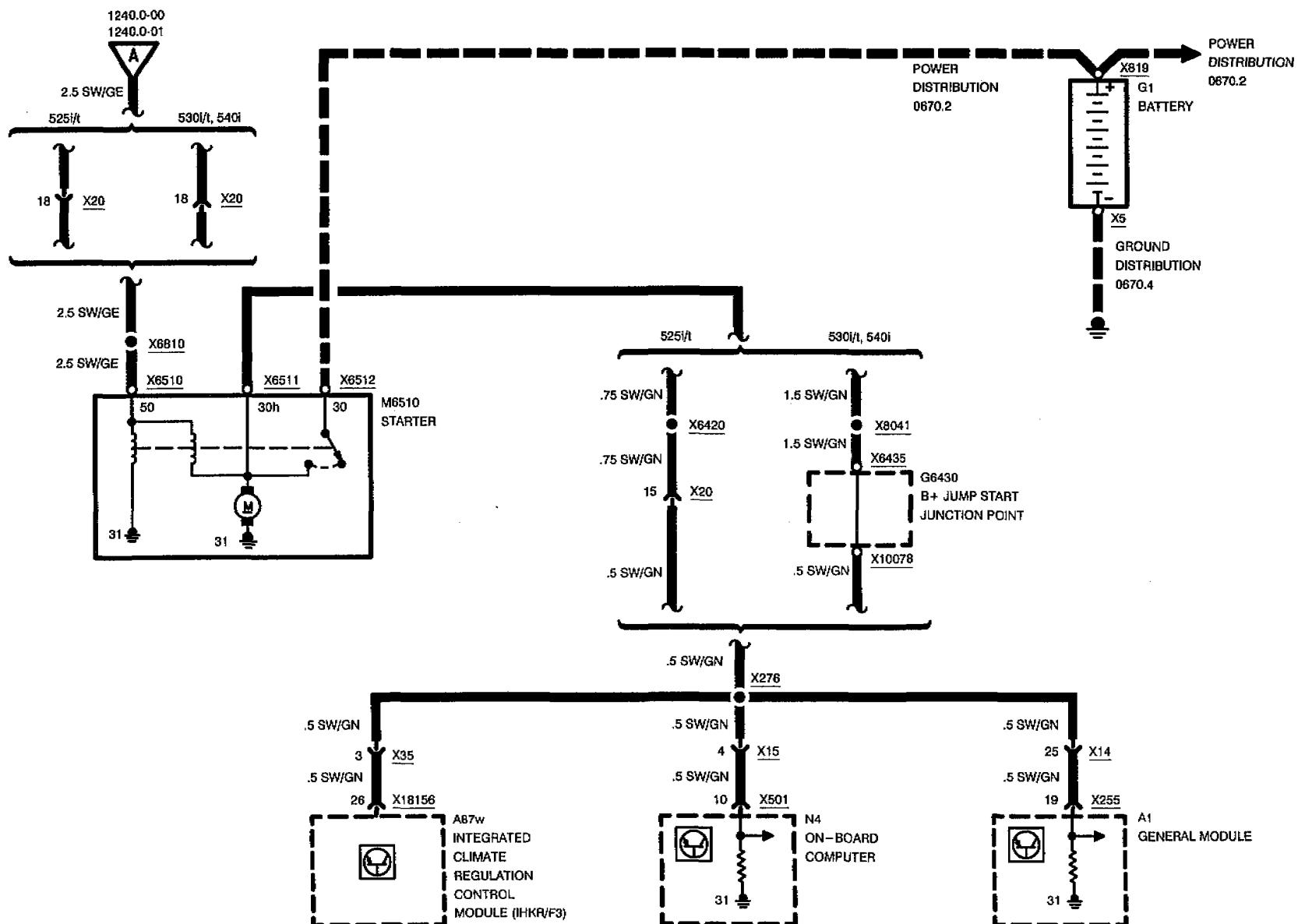
AGS A5S 310Z  
AGS A5S 560Z

	L1	L2	L3	L4
P	1	1	0	1
R	1	0	0	0
N	1	1	1	0
D	0	0	0	1
4	0	0	1	1
3	1	0	1	1
2	0	0	1	0

EGS A4S 310R

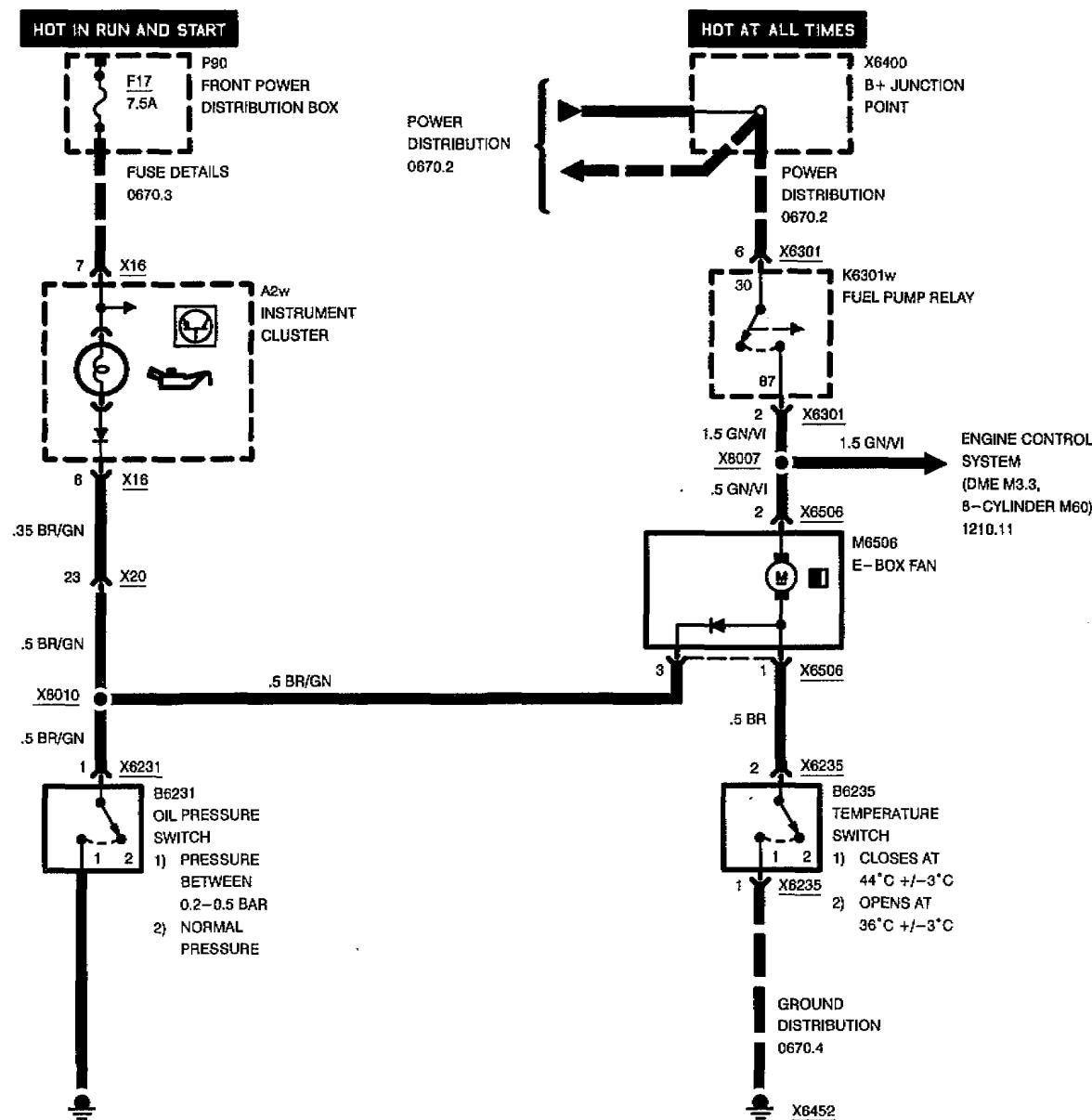
	L1	L2	L3	L4
P	1	1	0	0
R	1	0	0	1
N	0	1	1	0
D	0	0	0	1
3	0	0	1	0
2	1	0	0	0
1	1	0	1	0

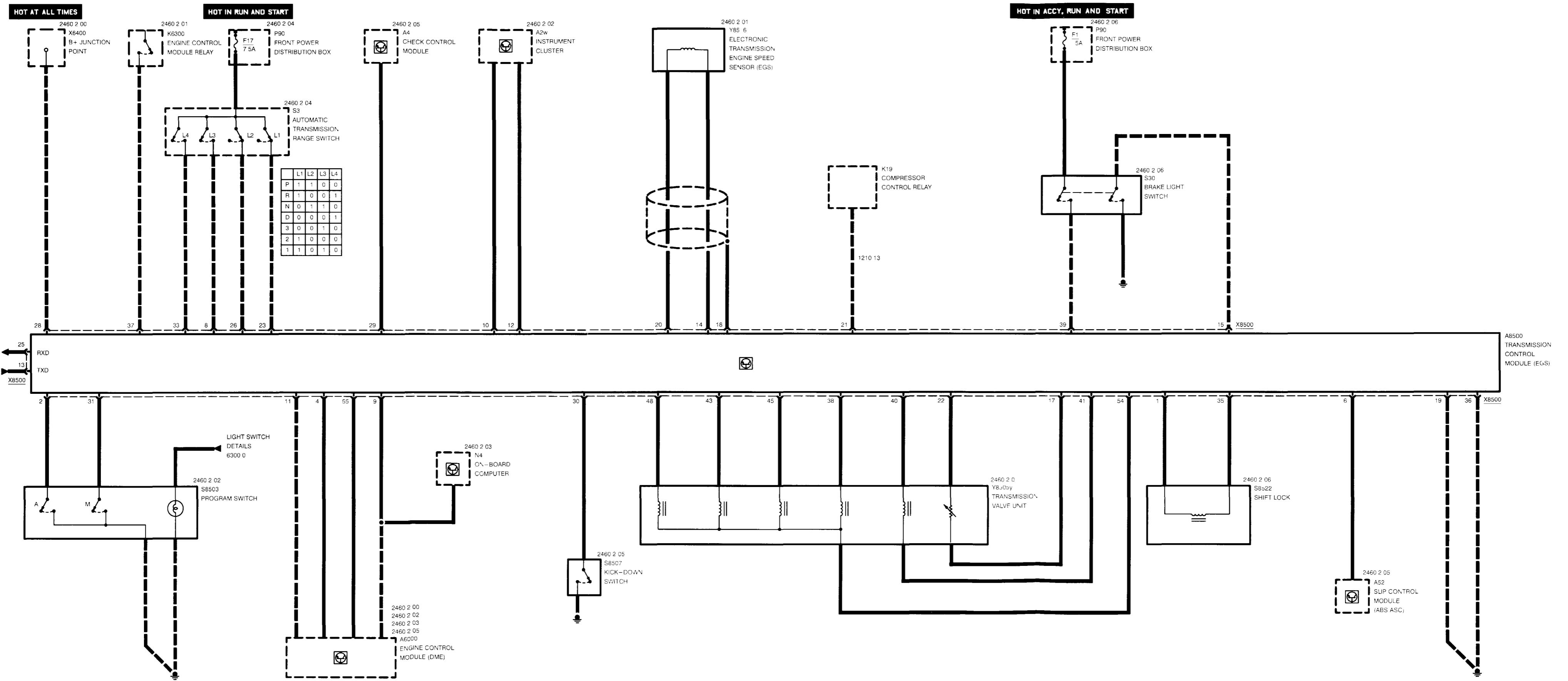


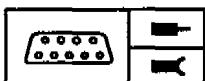




1290.0





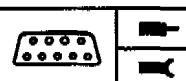


## Pin Assignments

### X8500

Pin	Type	Description/Function	Connection
1	A	Shift lock solenoid control	Shift lock
2	E	Automatic mode signal	Program switch
3		Not used	
4	A	Ignition timing intervention	Engine control module (DME)
5		Not used	
6	E	Transmission intervention signal	Slip control module (ABS/ASC+T)
7		Not used	
8	E	Gear range signal L3	Automatic transmission range switch
9	E	ti Measurement signal (fuel consumption)	Engine control module (DME)
10	A	Automatic mode indicator control	Instrument cluster
11	E	Crankshaft RPM speed signal TD	Engine control module (DME)
12	A	Manual mode indicator control	Instrument cluster
13	E/A	TxD diagnostic data link	Data link connector
14	E	Transmission output shaft speed (-)	Electronic transmission output shaft speed sensor (EGS)
15	E	Brake switch test signal	Brake light switch
16		Not used	
17	E	Oil temperature signal (analog ground)	Transmission gear shift unit
18	A	Shield ground	Electronic transmission output shaft speed sensor (EGS) shield
19	M	Ground, power	Ground point
20	E	Transmission output shaft speed (+)	Electronic transmission output shaft speed sensor (EGS)
21	E	A/C compressor ON signal	Compressor control relay
22	E	Oil temperature signal (+)	Transmission gear shift unit
23	E	Gear range signal L1	Automatic transmission range switch
24		Not used	
25	E	RxD diagnostic data link	Data link connector
26	E	Gear range signal L2	Automatic transmission range switch
27		Not used	
28	E	Terminal 30 voltage supply	B+ Junction Point

E = Input, A = Output, M = Ground

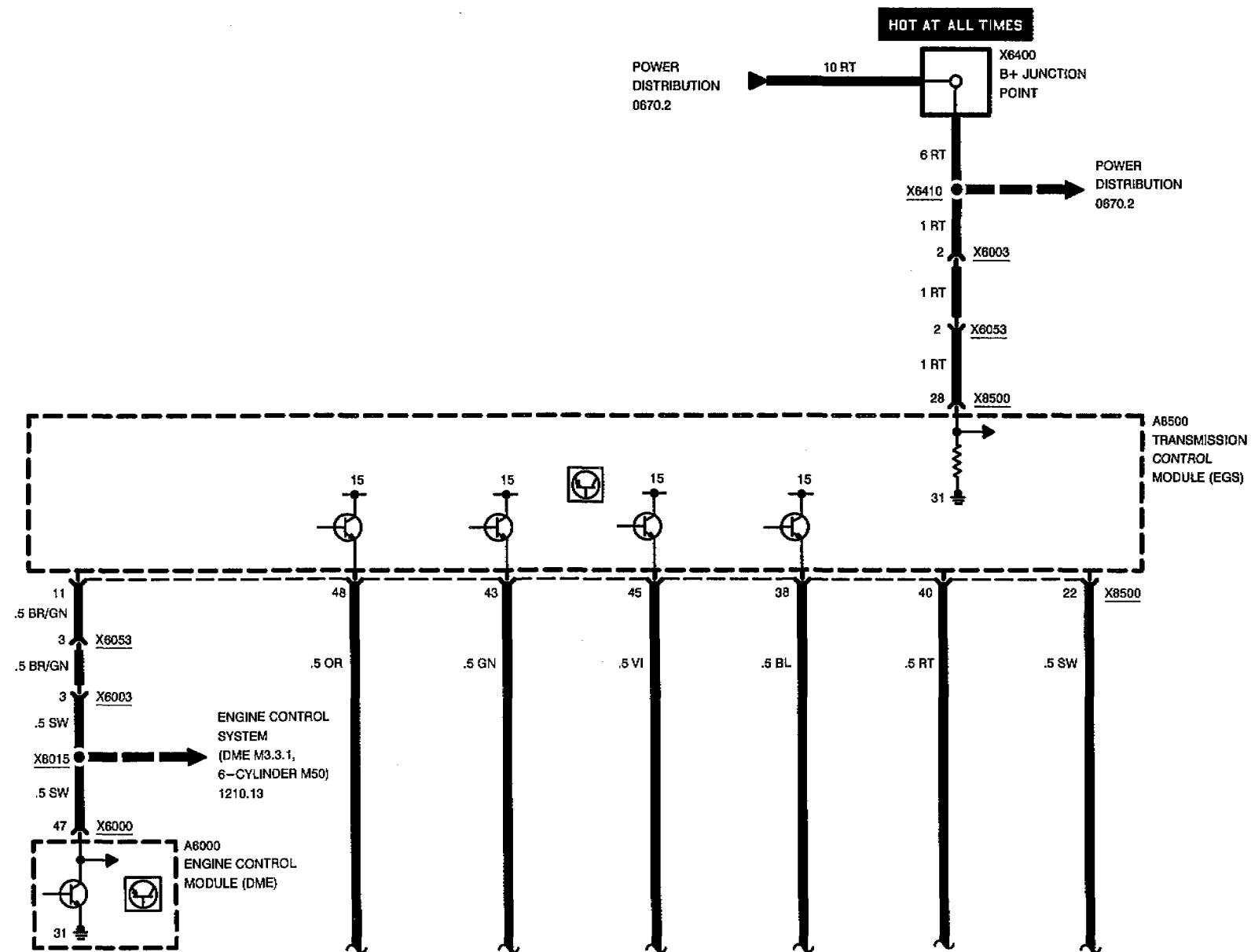


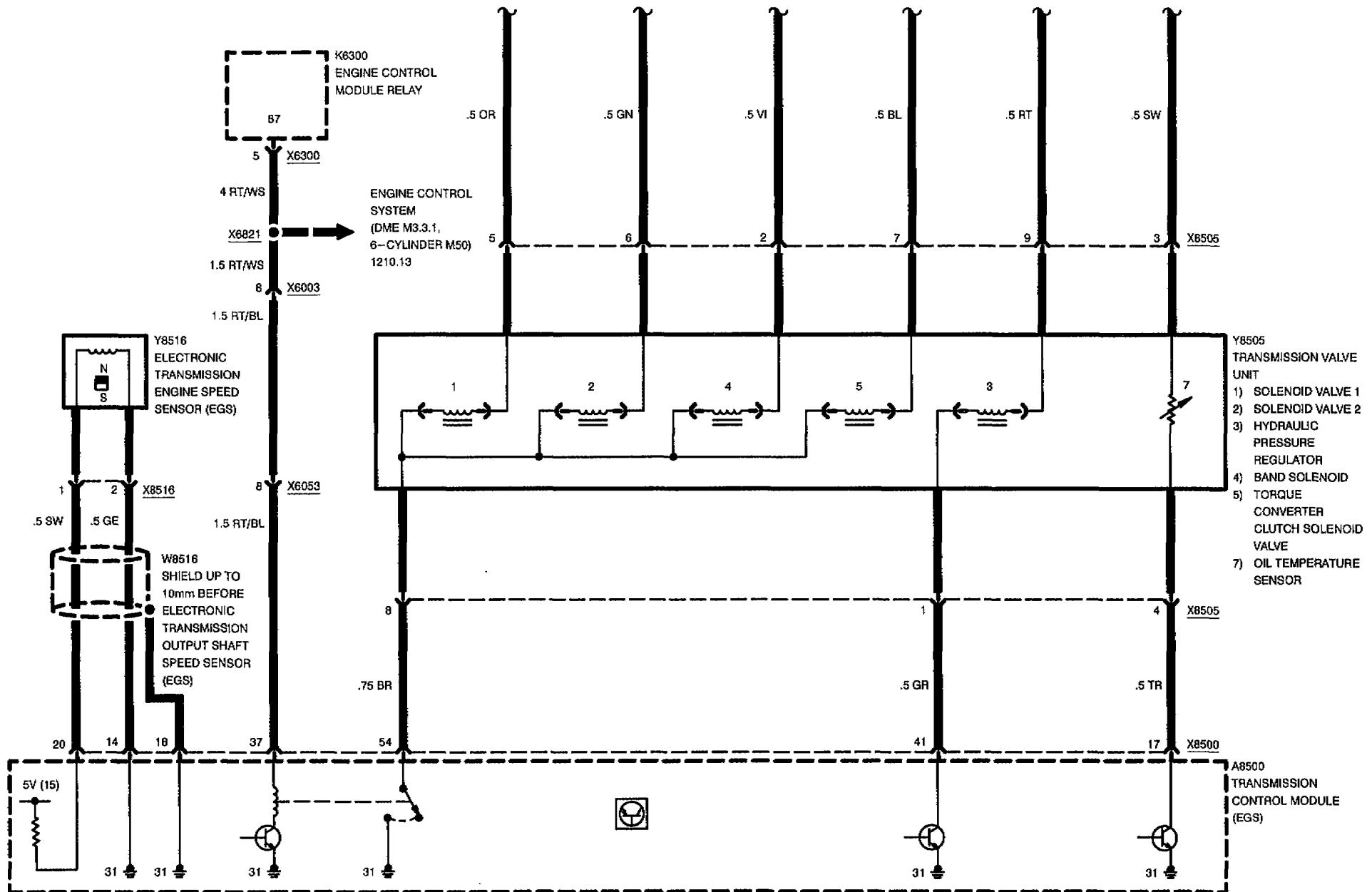
## Pin Assignments

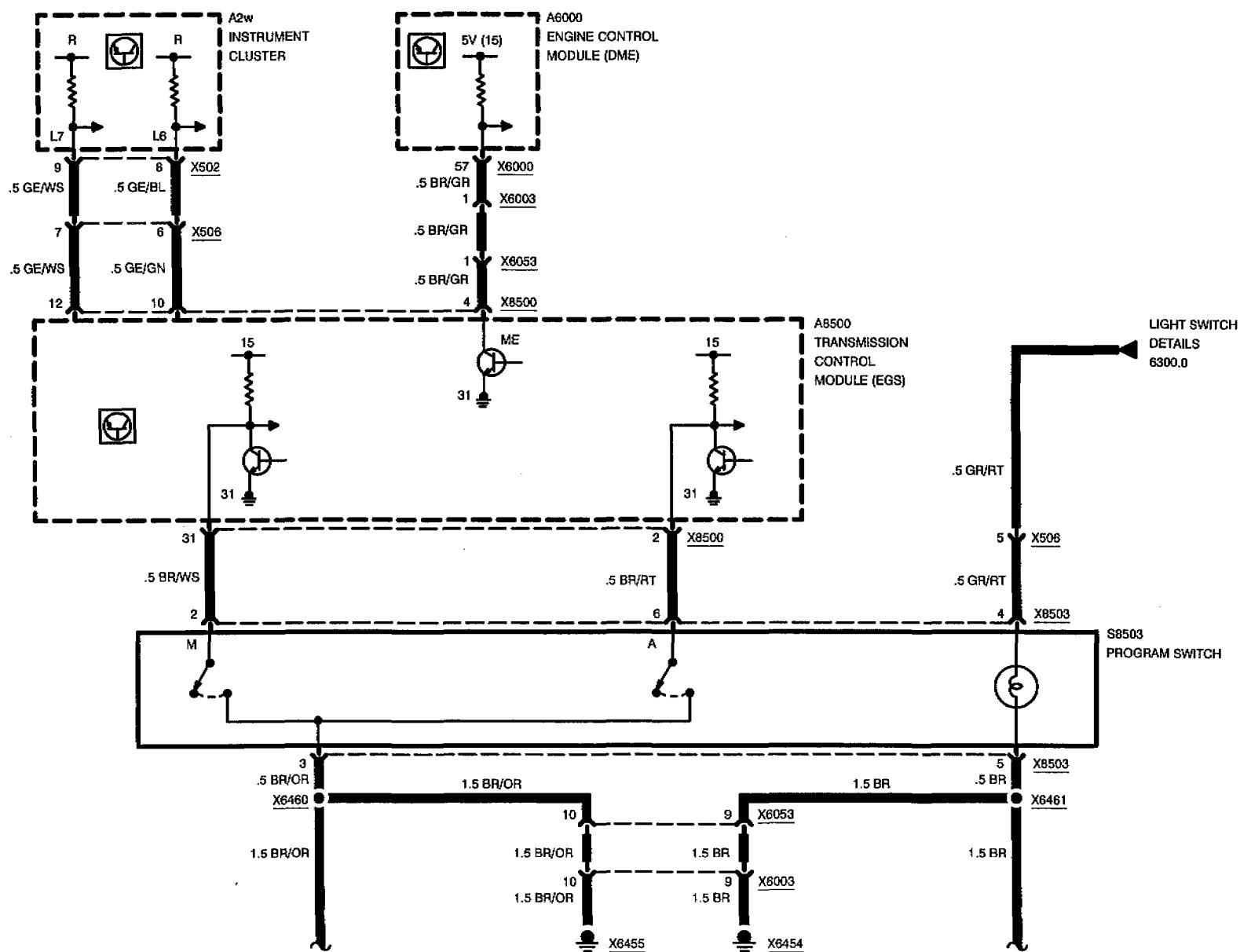
Pin	Type	Description/Function	Connection
29	A	Fault indicator signal	Check control module
30	E	Kick-down signal	Kick down switch
31	E	Manual mode signal	Program switch
32		Not used	
33	E	Gear range signal L4	Automatic transmission range switch
34		Not used	
35	A	Ground, shift lock solenoid	Shift lock
36	M	Ground, electronic	Ground point
37	E	Voltage supply	Engine control module
38	A	Torque converter clutch solenoid valve control	Transmission gear shift unit
39	E	Brake pedal position	Brake light switch
40	A	Hydraulic pressure regulator control (+)	Transmission gear shift unit
41	A	Hydraulic pressure regulator control (-)	Transmission gear shift unit
42		Not used	
43	A	Solenoid valve 2 control (+)	Transmission gear shift unit
44		Not used	
45	A	Band solenoid control (+)	Transmission gear shift unit
46		Not used	
47		Not used	
48	A	Solenoid valve 1 control (+)	Transmission gear shift unit
49		Not used	
50		Not used	
51		Not used	
52		Not used	
53		Not used	
54	A	Solenoid valves ground control	Transmission gear shift unit
55	E	Throttle position signal	Engine control module (DME)

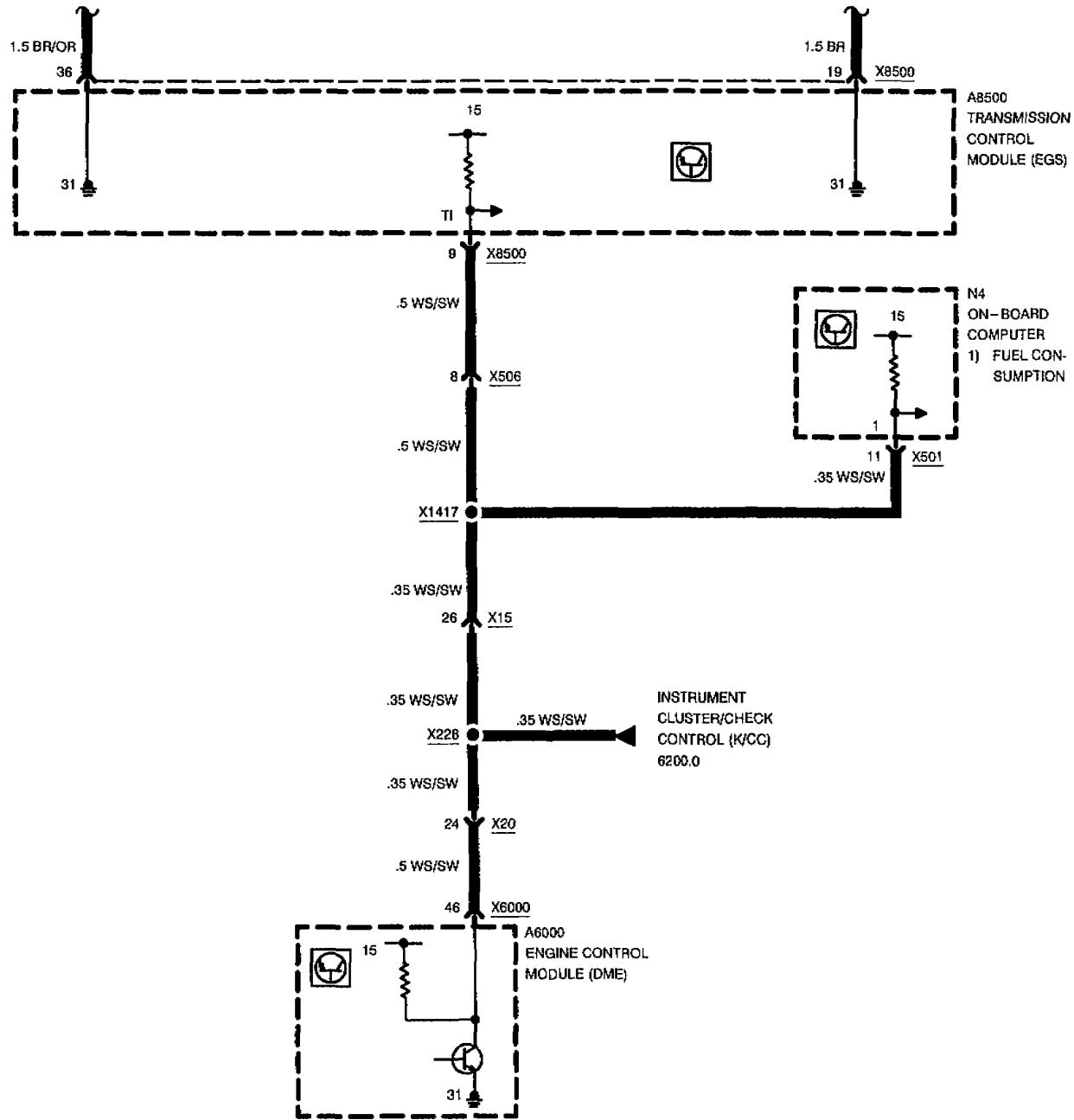


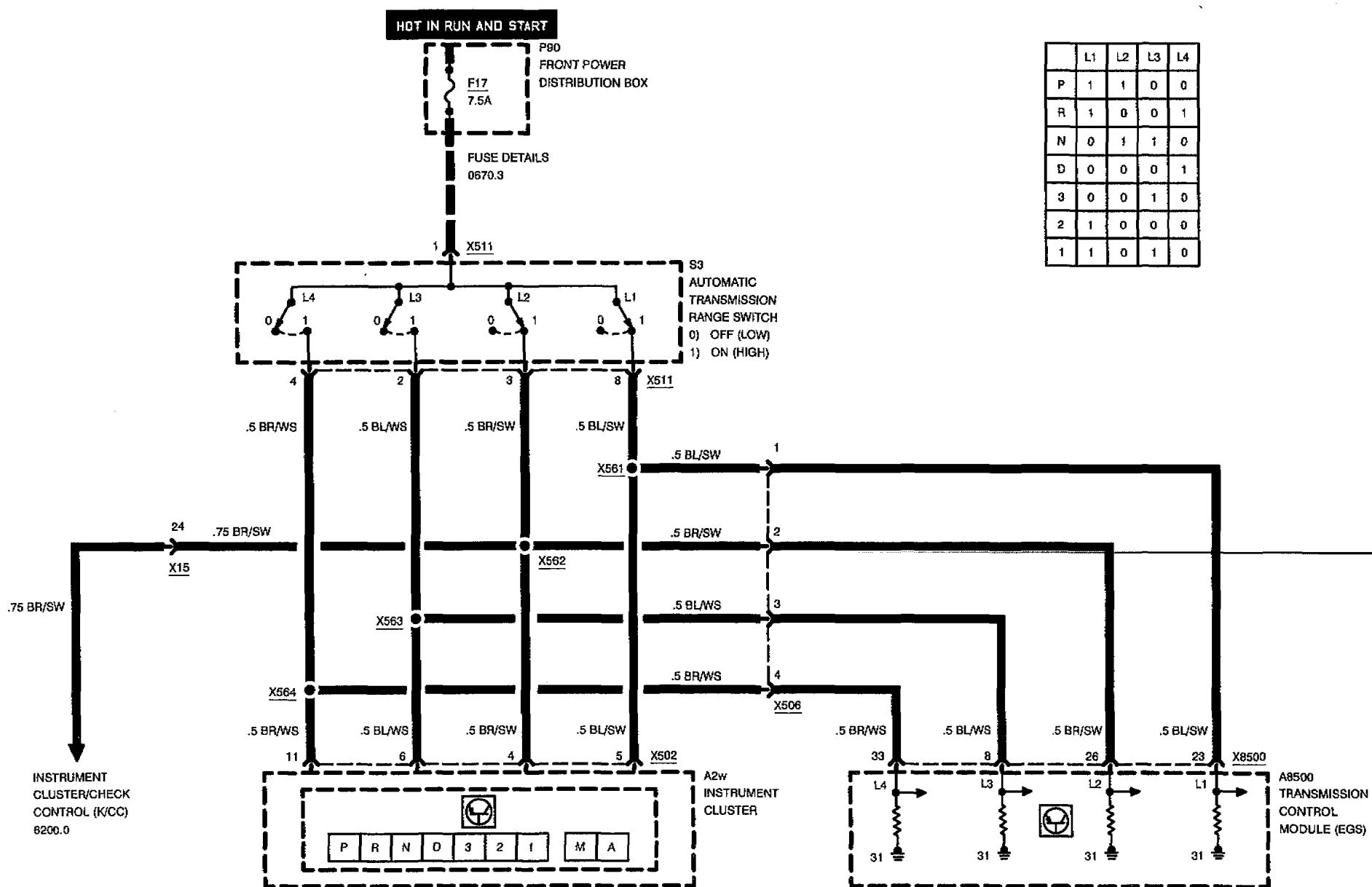
2460.2



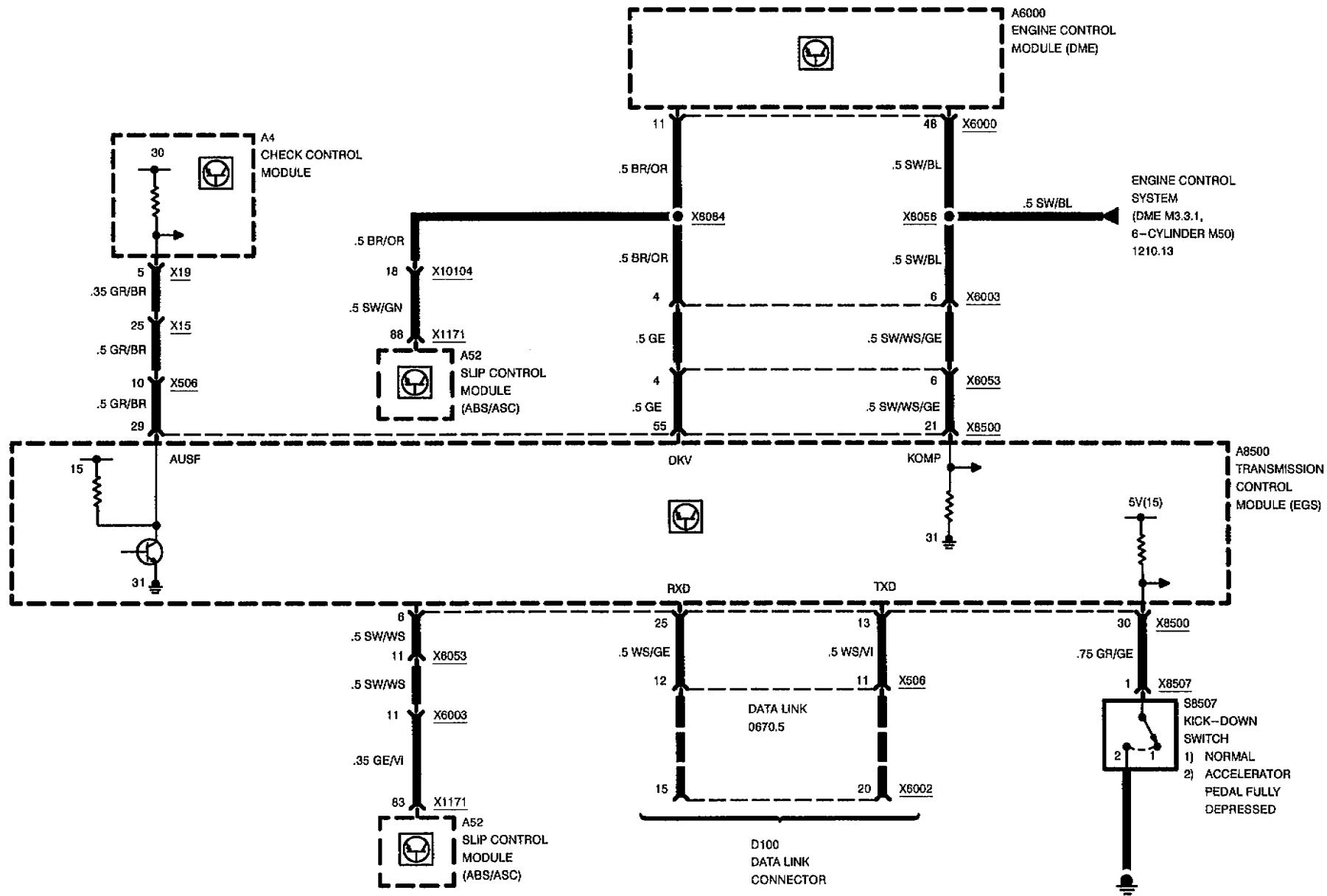


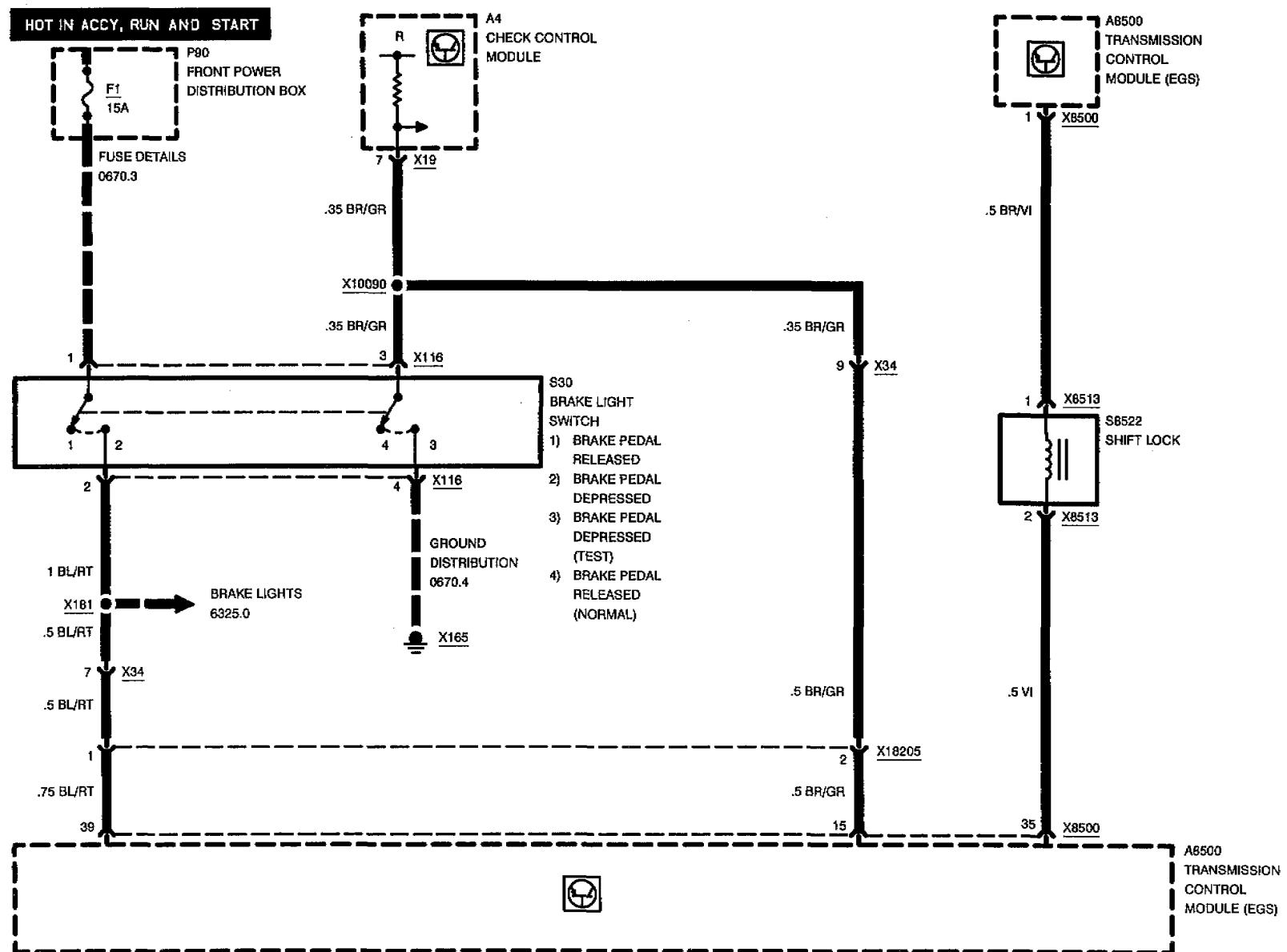


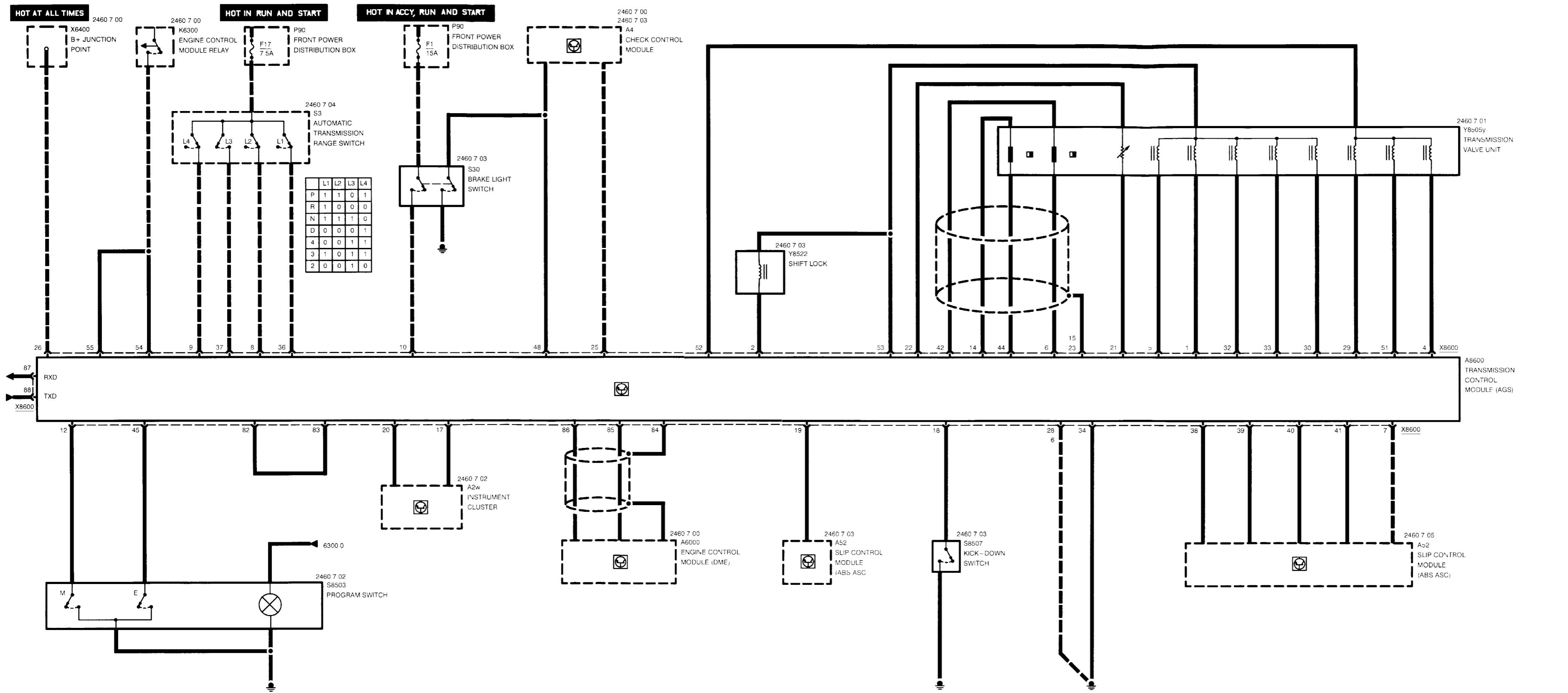


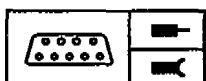


## ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)







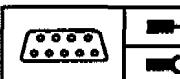


## Pin Assignments

### X8600

Pin	Type	Description/Function	Connection
1	A	Activation, pressure regulator 2	Transmission gear shift unit
2	A	Activation, PN shift lock	Shift lock
3		Not used	
4	A	Activation, pressure regulator 4	Transmission gear shift unit
5	A	Activation, pressure regulator 1	Transmission gear shift unit
6	M	Ground, electronics	Ground connection
7	E	ASC passive button voltage signal	Slip control module (ABS/ASC+T)
8	E	Position switch L2	Selector lever
9	E	Position switch L4	Selector lever
10	E	Brake pedal signal	Brake light switch
11		Not used	
12	E	S-program signal	Program switch
13		Not used	
14	E	Signal, output speed sensor (+)	Transmission gear shift unit
15	M	Shield	Speed sensor
16	E	Signal, turbine speed (+)	Transmission gear shift unit
17	A	L5 M-program	Instrument cluster
18	E	Signal, kick down operated	Kick down switch
19	E	ABS/ASC signal	ABS/ASC control module
20	A	L6 A-program	Instrument cluster
21	M	Transmission temperature sensor (-)	Transmission gear shift unit
22	E	Transmission temperature sensor (+)	Transmission gear shift unit
23	M	Shield	Transmission control module (AGS)
24		Not used	
25	A	Signal, fault indicator	Check control module
26	E	Positive supply terminal 30	B+ junction point
27		Not used	
28	M	Ground, electronics	Ground connection
29	A	Activation, pressure regulator 3	Transmission gear shift unit
30	A	Activation, solenoid valve 1	Transmission gear shift unit

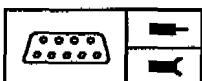
E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
31		Not used	
32	A	Activation, solenoid valve 3	Transmission gear shift unit
33	A	Activation, solenoid valve 2	Transmission gear shift unit
34	M	Ground, power	Ground connection
35		Not used	
36	E	Position switch L1	Selector lever
37	E	Position switch L3	Selector lever
38	E	Left front wheel speed signal (ABS/ ASC+T)	Slip control module (ABS/ASC+T)
39	E	Right front wheel speed signal (ABS/ ASC+T)	Slip control module (ABS/ASC+T)
40	E	Left rear wheel speed signal (ABS/ASC+T)	Slip control module (ABS/ASC+T)
41	E	Right rear wheel speed signal (ABS/ ASC+T)	Slip control module (ABS/ASC+T)
42	E	Signal, output speed sensor (+)	Transmission gear shift unit
43		Not used	
44	E	Signal, turbine speed (-)	Transmission gear shift unit
45	E	Signal E-program	Program switch
46		Not used	
47		Not used	
48	E	Signal, brake test switch	Brake light switch
49		Not used	
50		Not used	
51	A	Activation pressure regulator 5	Transmission gear shift unit
52	A	Positive supply pressure regulator 3/4/5	Transmission gear shift unit
53	A	Positive supply pressure regulator 1/2 solenoid valves 1/2/3	Transmission gear shift unit
54	A	Positive supply terminal 15	Engine control module relay
55	A	Positive supply terminal 15	Engine control module relay
56		Not used	
57		Not used	
58		Not used	
59		Not used	

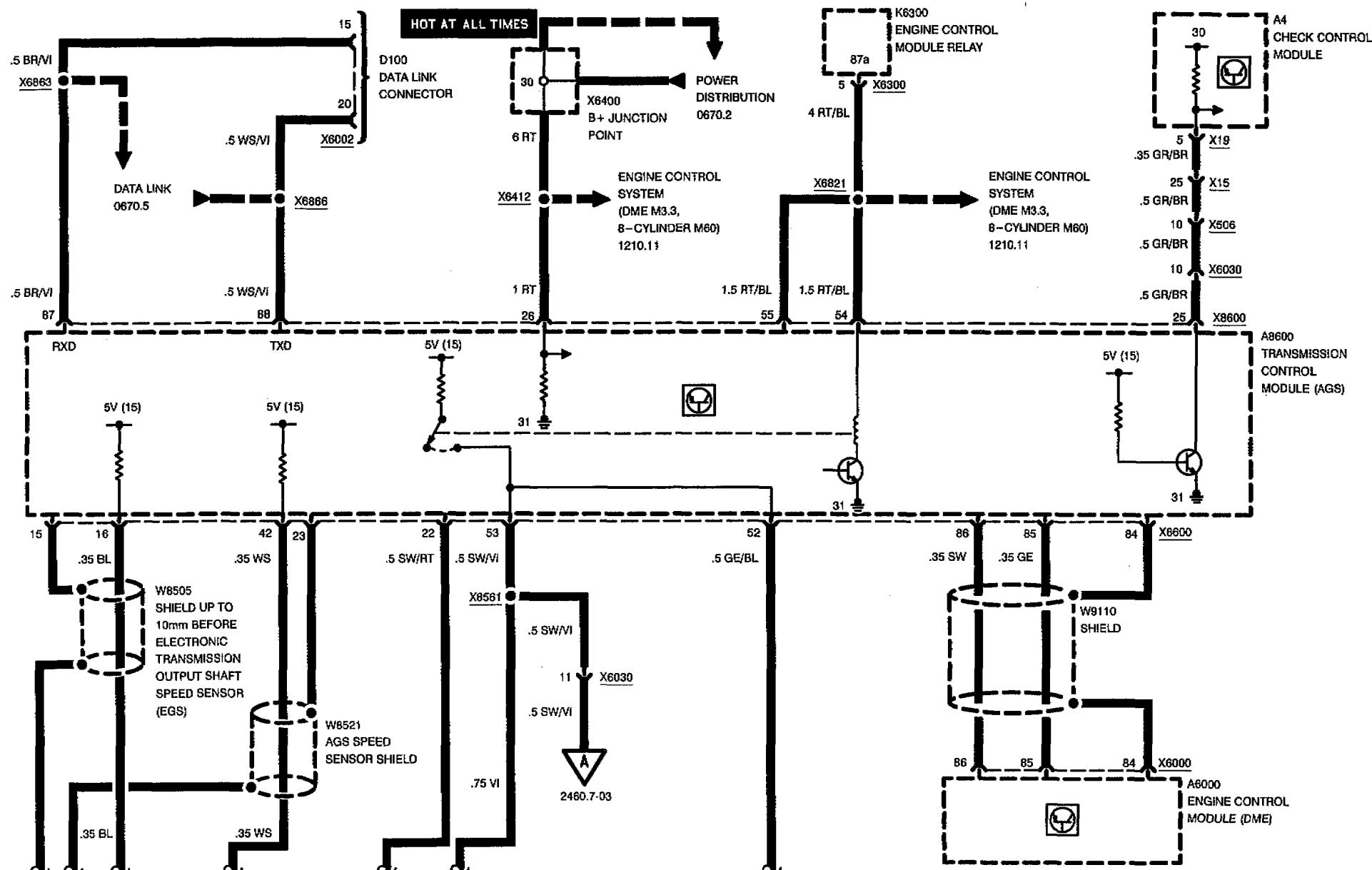
E = Input, A = Output, M = Ground

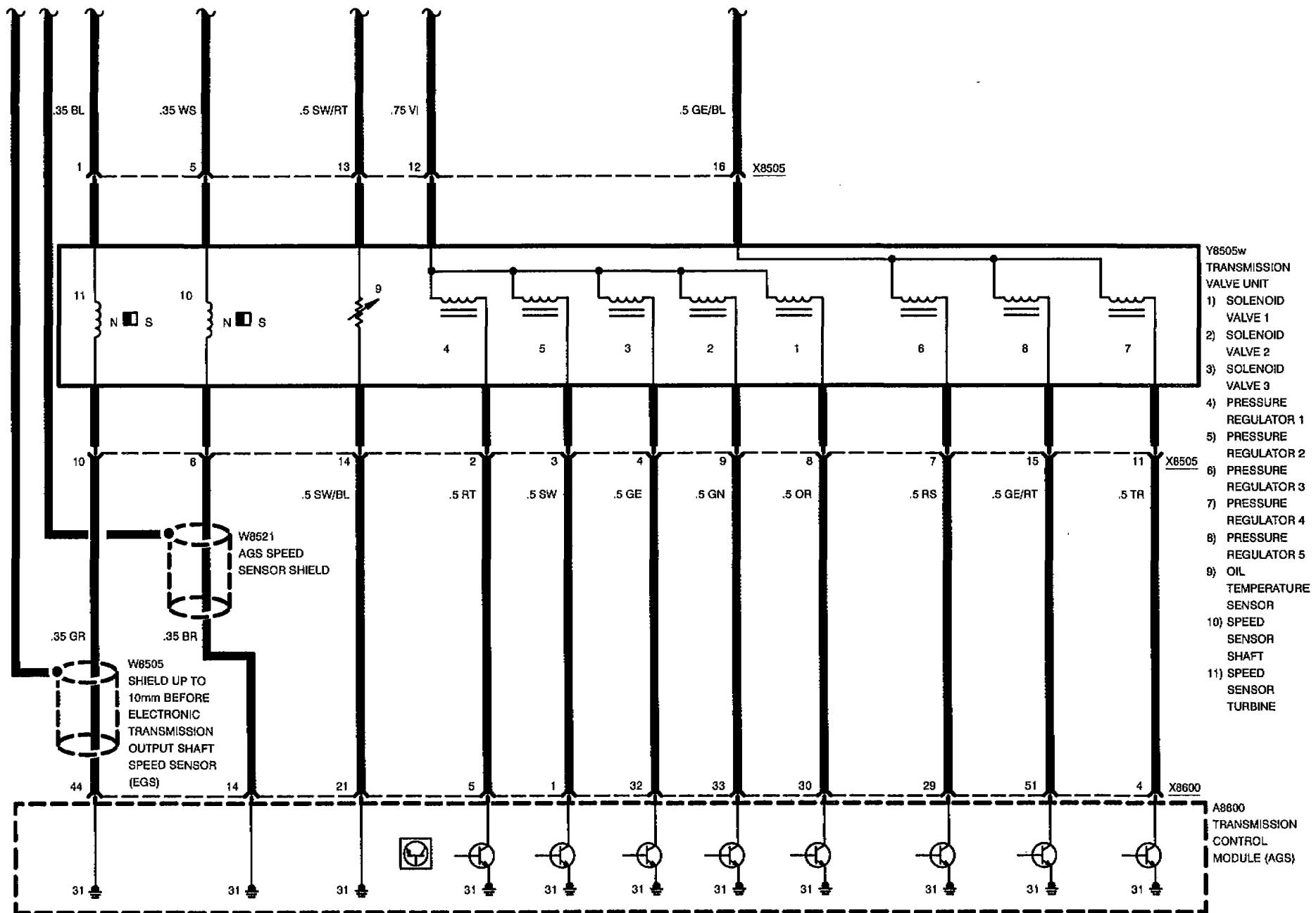


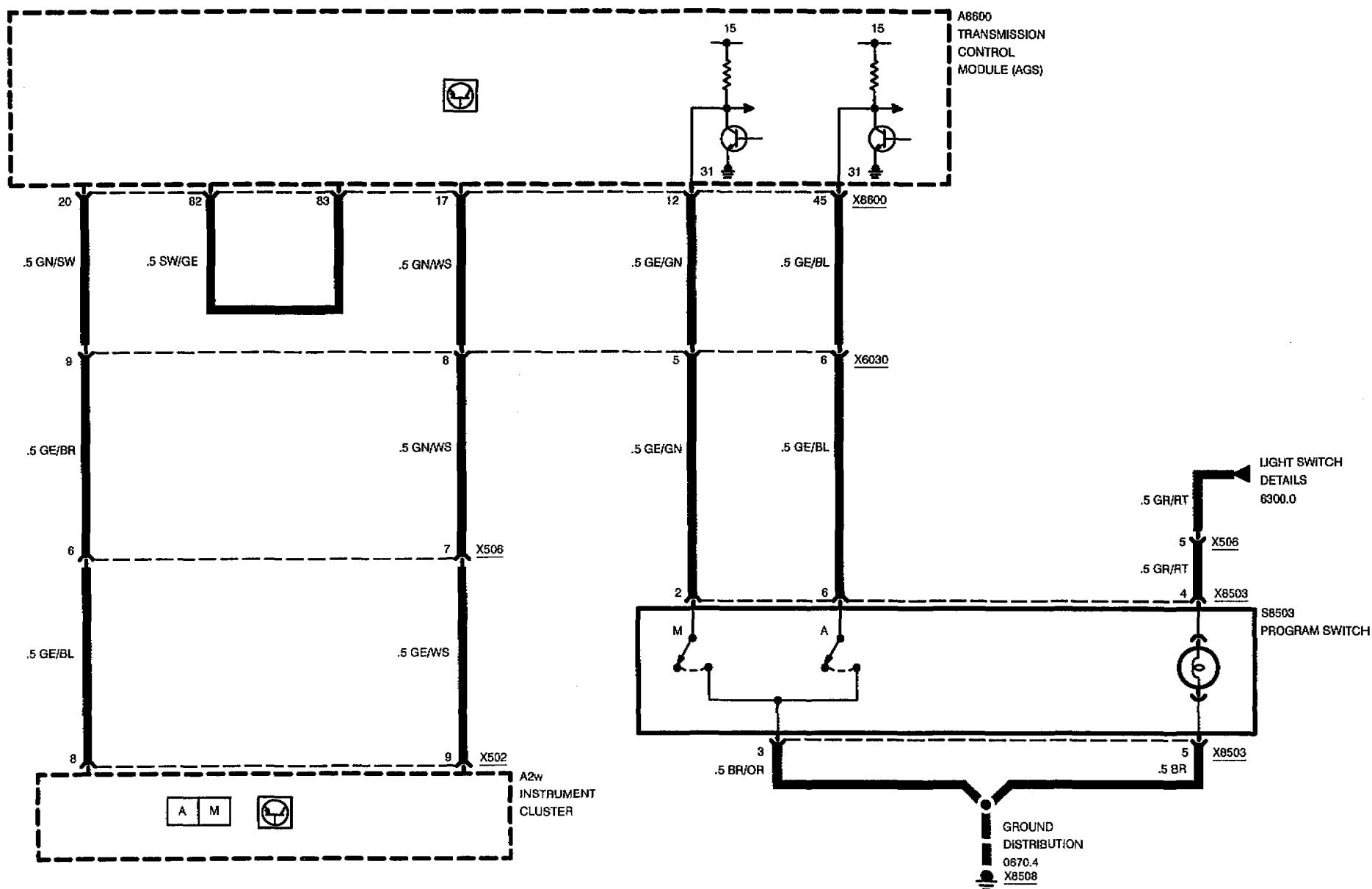
## Pin Assignments

Pin	Type	Description/Function	Connection
60		Not used	
61		Not used	
62		Not used	
63		Not used	
64		Not used	
65		Not used	
66		Not used	
67		Not used	
68		Not used	
69		Not used	
70		Not used	
71		Not used	
72		Not used	
73		Not used	
74		Not used	
75		Not used	
76		Not used	
77		Not used	
78		Not used	
79		Not used	
80		Not used	
81		Not used	
82	E/A	CAN R1 bridged-out	Transmission control module (pin 83)
83	E/A	CAN R2 bridged-out	Transmission control module (pin 82)
84	M	Ground	Shield
85	E/A	CAN-L	Engine control module (DME)
86	E/A	CAN-H	Engine control module (DME)
87	E	RxD	Data link connector
88	E/A	TxD	Data link connector

E = Input, A = Output, M = Ground

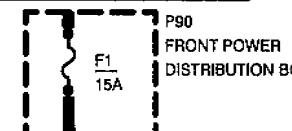
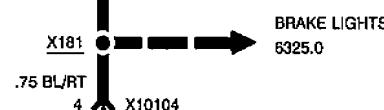
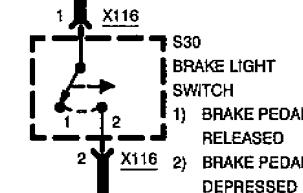






## ELECTRONIC TRANSMISSION CONTROL (AGS: GS 9.22/A5S 560Z)

HOT IN ACCY, RUN AND START

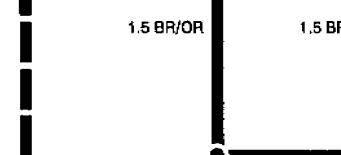
FUSE DETAILS  
0670.3

1 BL/RT

.75 BL/RT

.75 BL/RT

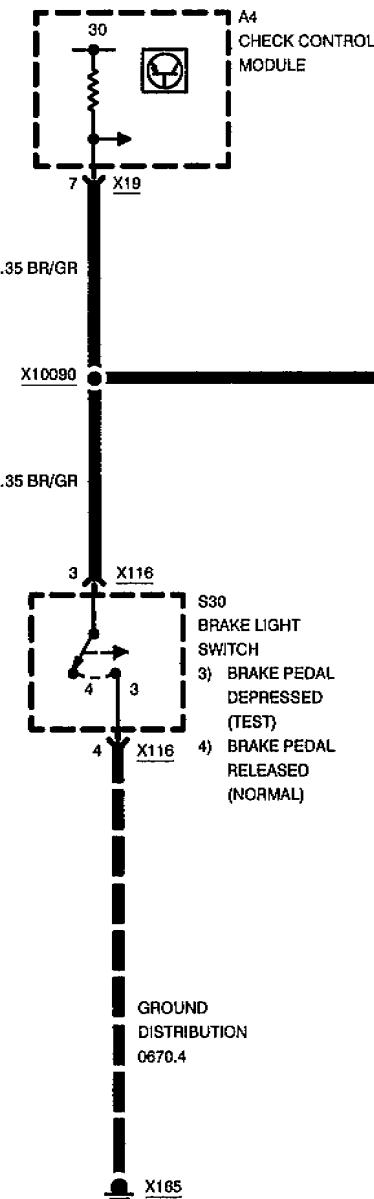
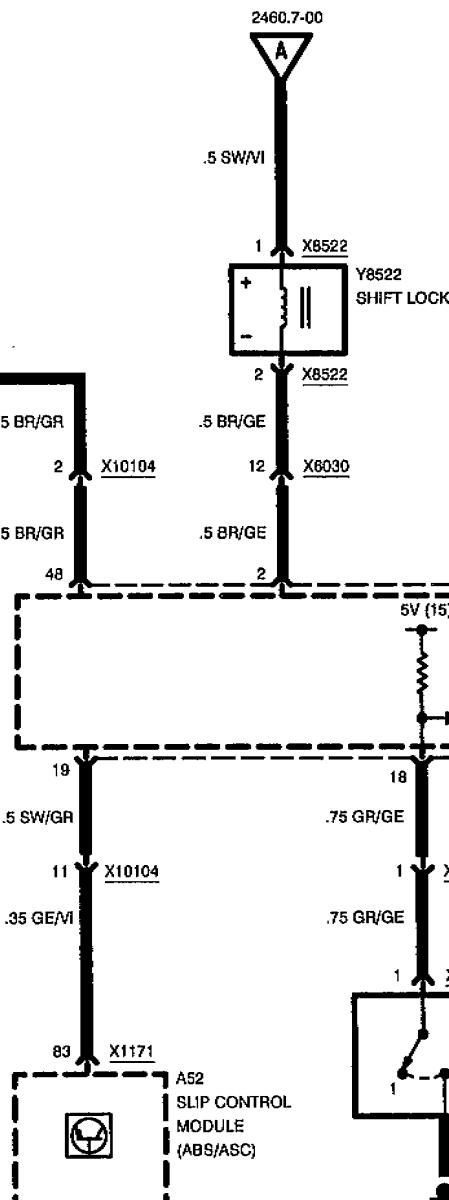
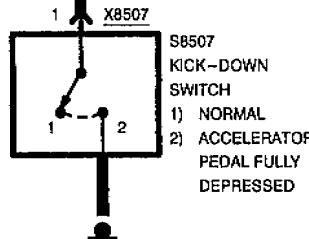
10 X8600

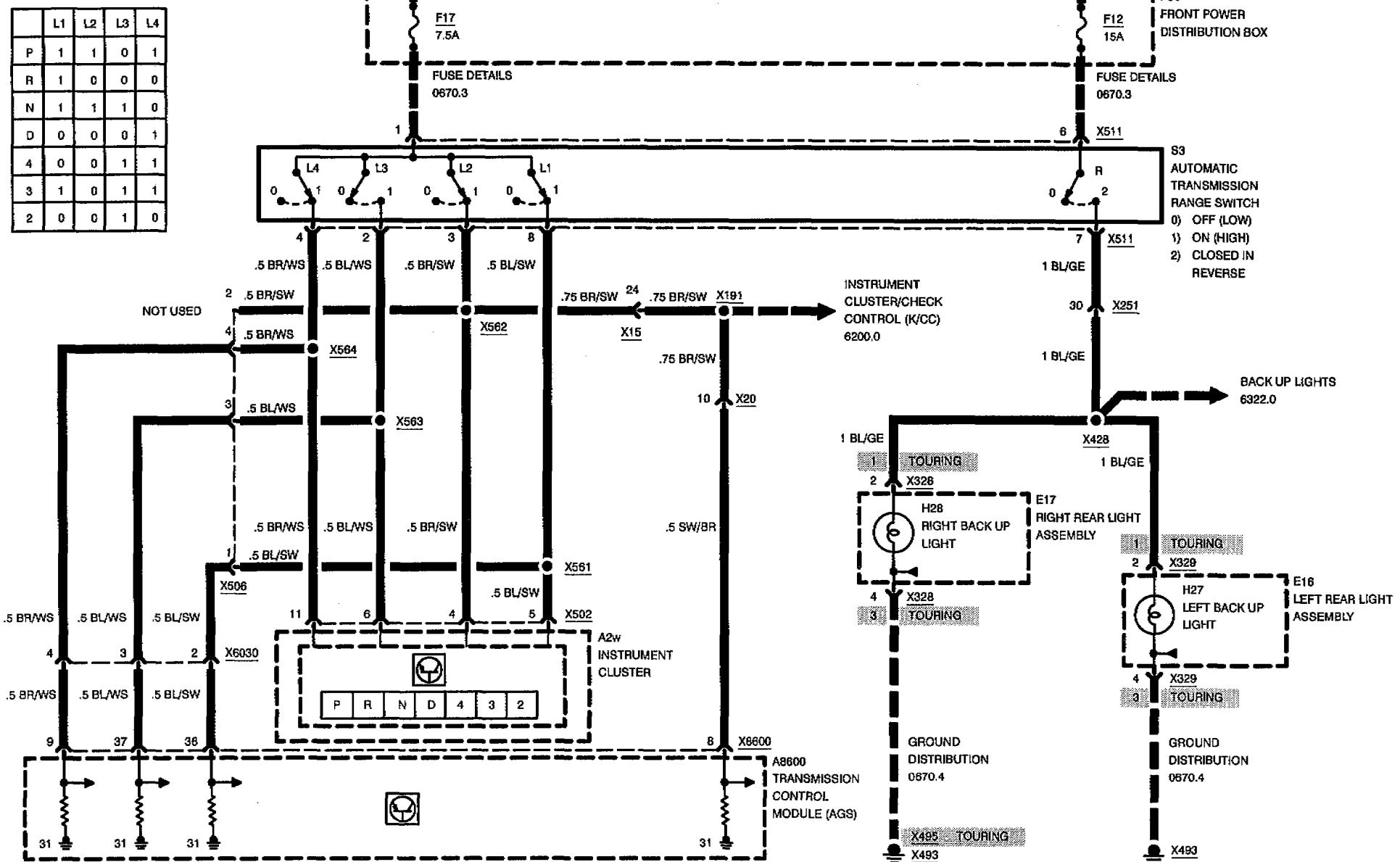
A8600  
TRANSMISSION  
CONTROL  
MODULE (AGS)

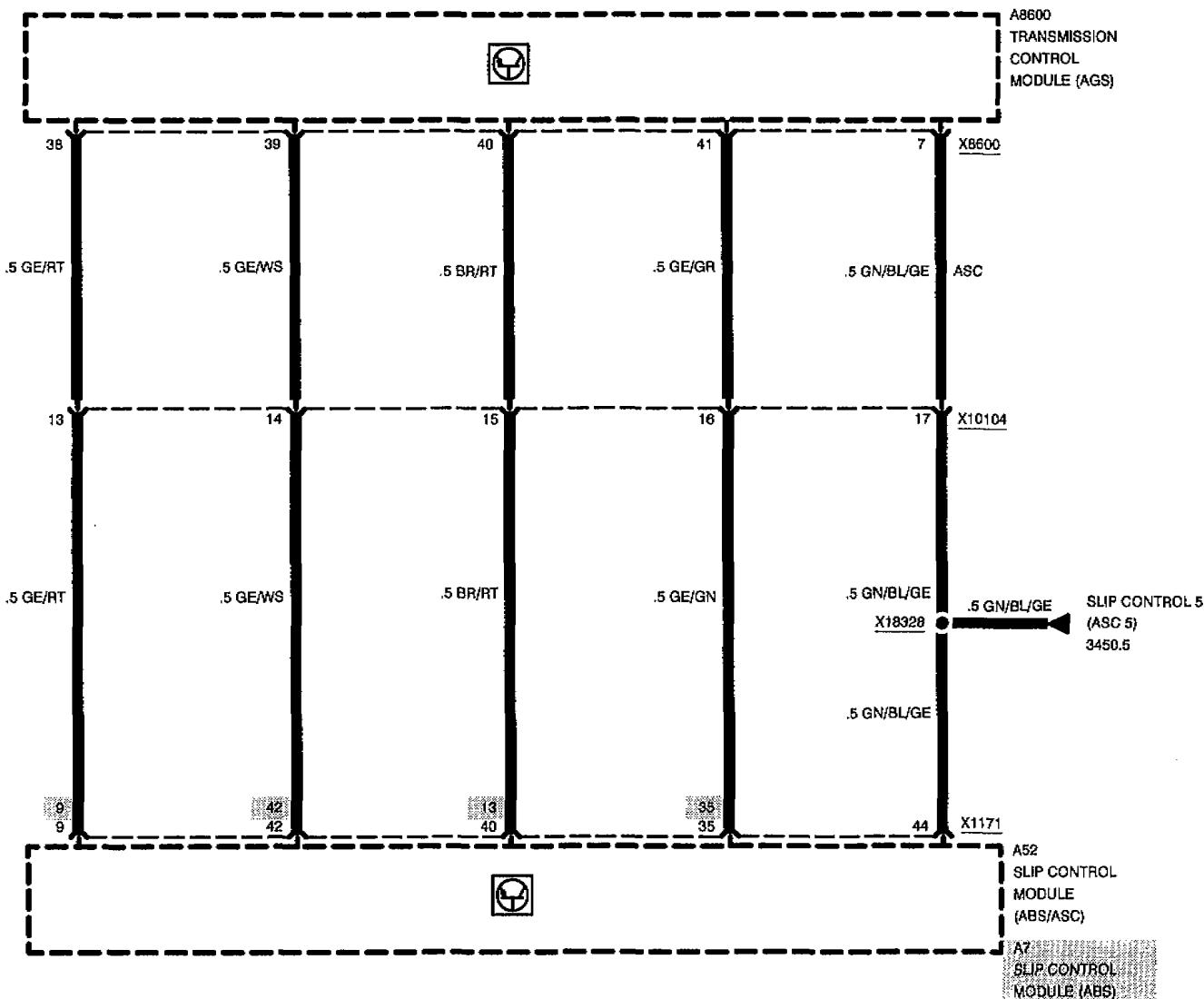
GROUND  
DISTRIBUTION  
0670.4

GROUND  
DISTRIBUTION  
0670.4

X6452

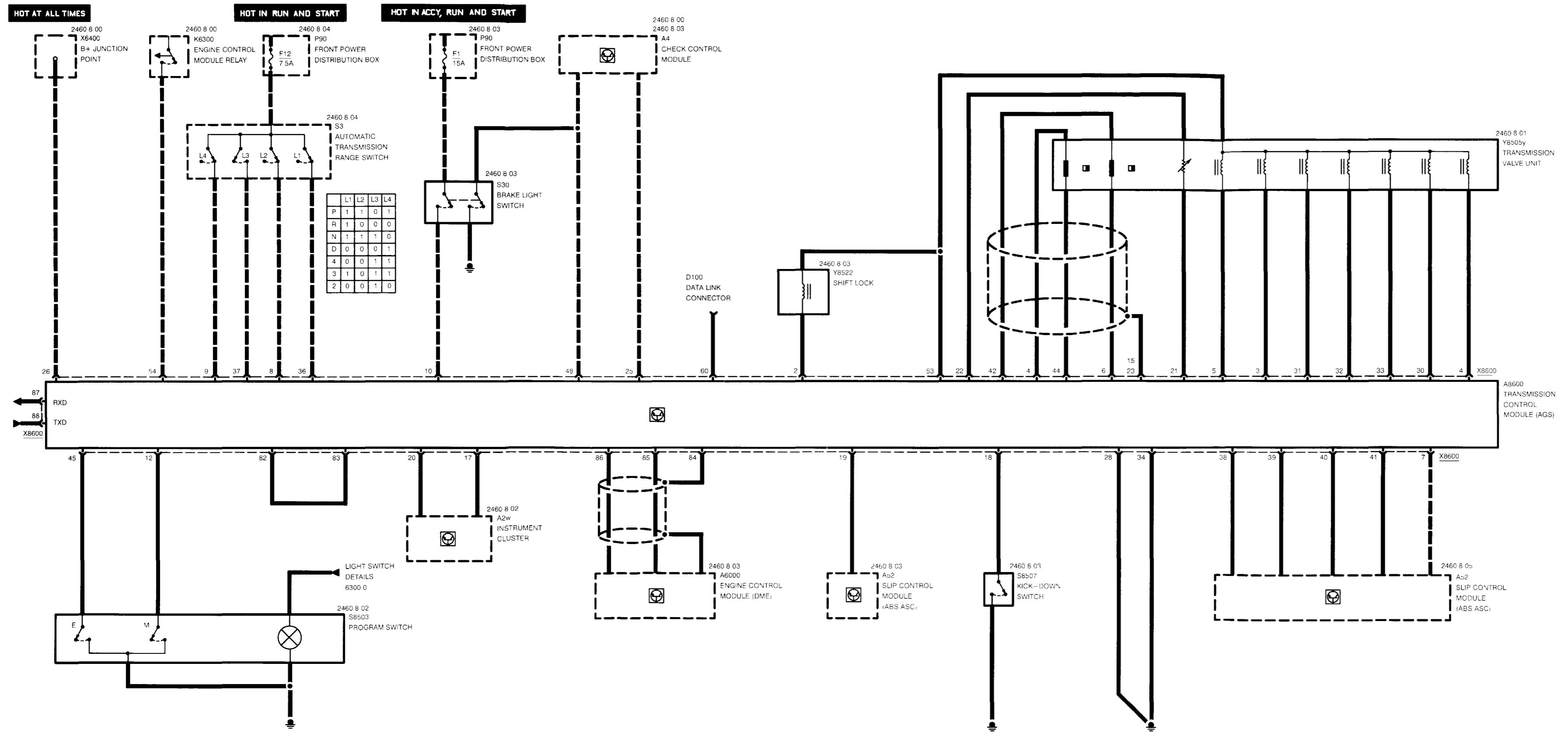


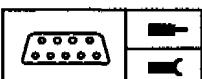






2460.7-06



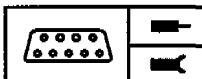


## Pin Assignments

### X8600

Pin	Type	Description/Function	Connection
1		Not used	
2	A	Activation, PN shift lock	Shift lock
3	A	Activation, solenoid valve 5	Transmission gear shift unit
4	A	Activation, converter clutch solenoid valve	Transmission gear shift unit
5	A	Activation, pressure regulator	Transmission gear shift unit
6		Not used	
7	E	ASC passive button voltage signal	Slip control module (ABS/ASC+T)
8	E	Position switch L2	Selector lever
9	E	Position switch L4	Selector lever
10	E	Brake pedal signal	Brake light switch
11		Not used	
12	E	S-program signal	Program switch
13		Not used	
14	E	Signal, output speed sensor (-)	Transmission gear shift unit
15	M	Shield	Speed sensor
16	E	Signal, turbine speed (+)	Transmission gear shift unit
17	A	L5 program	Instrument cluster
18	E	Signal, kick down operated	Kick down switch
19	E	ASC signal	Slip control module (ASC+T)
20	A	L6 A-program	Instrument cluster
21	M	Transmission temperature sensor (-)	Transmission gear shift unit
22	E	Transmission temperature sensor (+)	Transmission gear shift unit
23	M	Shield	Speed sensor
24		Not used	
25	A	Signal, fault indicator	Check control module
26	E	Positive supply terminal 30	B+ junction point
27		Not used	
28	M	Ground, electronics	Ground connection
29		Not used	
30	A	Activation, solenoid valve 1	Transmission gear shift unit

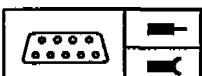
E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
31	A	Activation, solenoid valve 4	Transmission gear shift unit
32	A	Activation, solenoid valve 3	Transmission gear shift unit
33	A	Activation, solenoid valve 2	Transmission gear shift unit
34	M	Ground, power	Ground point
35		Not used	
36	E	Position switch L1	Selector lever
37	E	Position switch L3	Selector lever
38	E	Left front wheel speed signal (ABS/ ASC+T)	Slip control module (ABS/ASC+T)
39	E	Right front wheel speed signal (ABS/ ASC+T)	Slip control module (ABS/ASC+T)
40	E	Left rear wheel speed signal (ABS/ASC+T)	Slip control module (ABS/ASC+T)
41	E	Right rear wheel speed signal (ABS/ ASC+T)	Slip control module (ABS/ASC+T)
42	E	Signal, output speed sensor (+)	Transmission gear shift unit
43		Not used	
44	E	Signal, turbine speed (-)	Transmission gear shift unit
45	E	Signal E-program	Program switch
46		Not used	
47		Not used	
48	E	Signal, brake test switch	Brake light switch
49		Not used	
50		Not used	
51		Not used	
52		Not used	
53	A	Positive supply pressure regulator and solenoid valves	Transmission gear shift unit
54	E	Positive supply terminal 15	Engine control module relay
55		Not used	
56		Not used	
57		Not used	
58		Not used	
59		Not used	

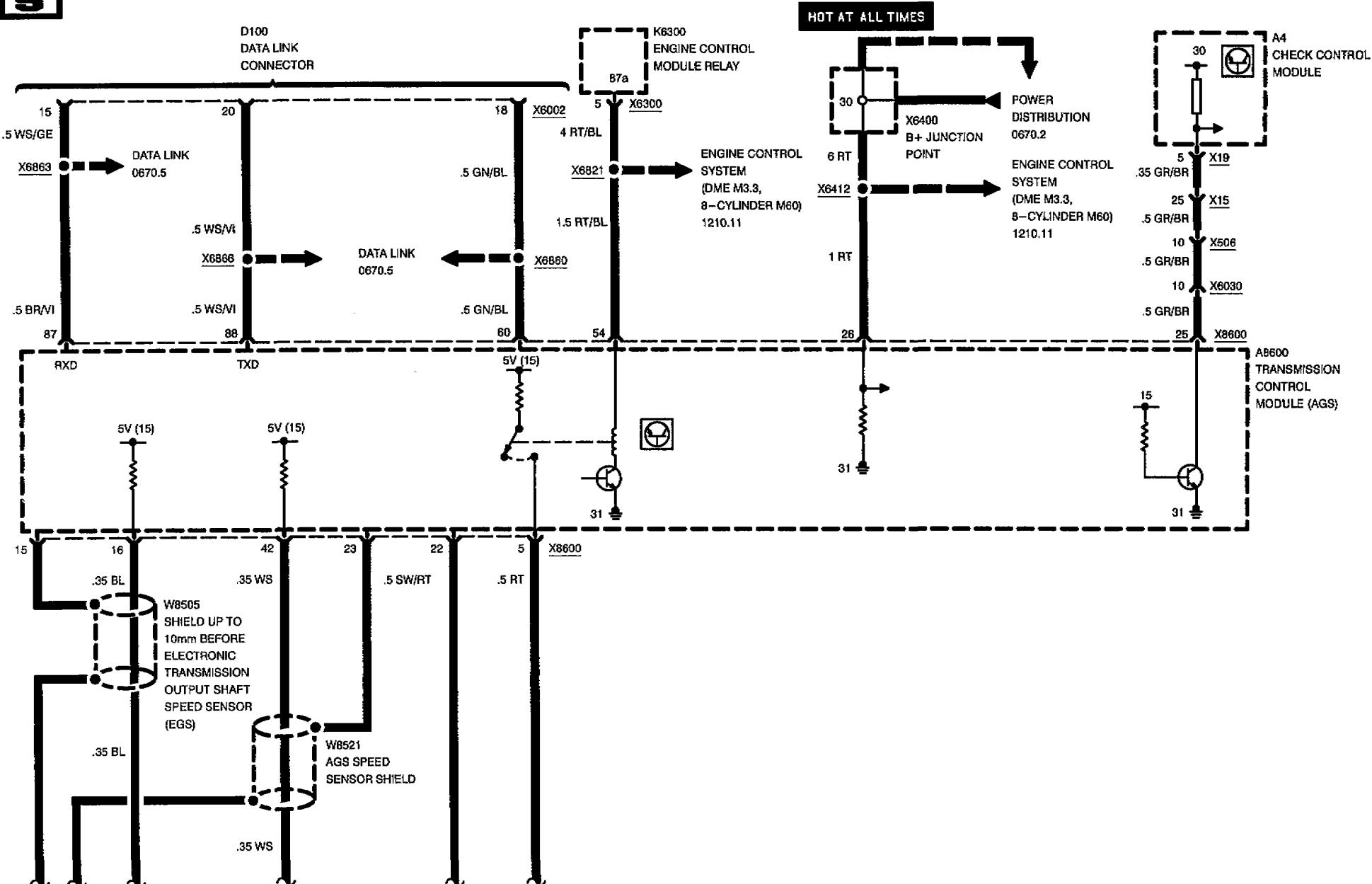
E = Input, A = Output, M = Ground

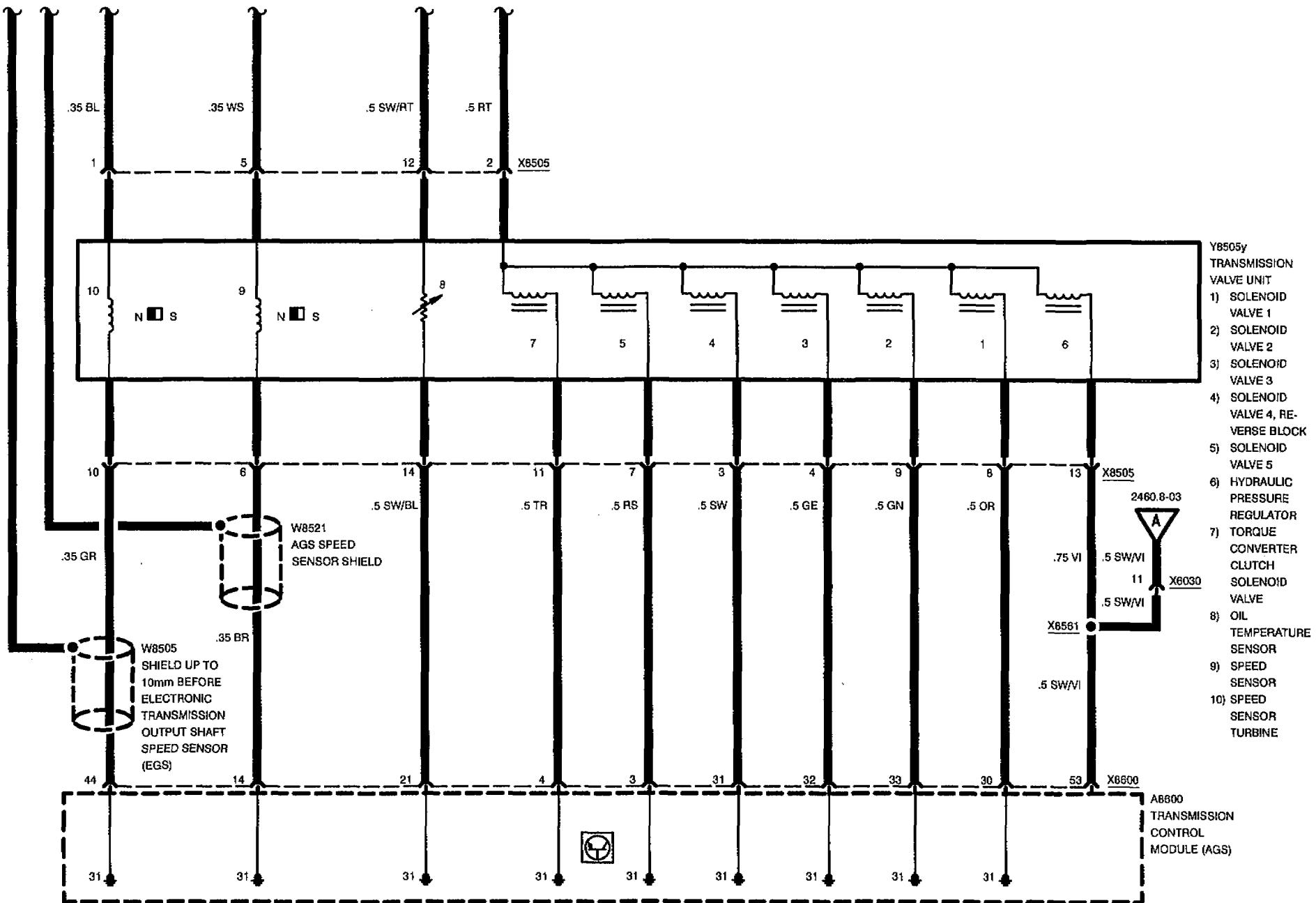


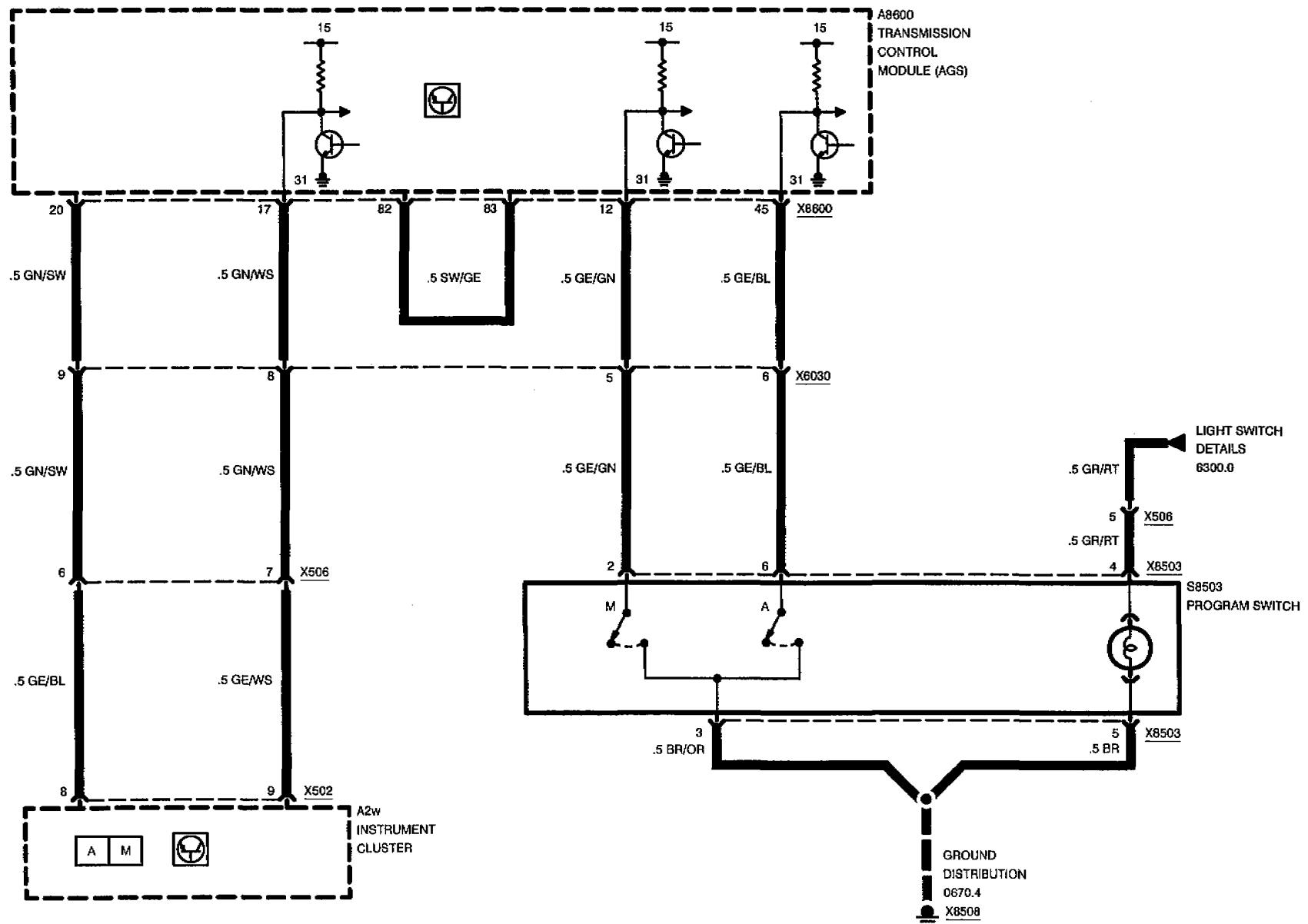
## Pin Assignments

Pin	Type	Description/Function	Connection
60	E	Programming line	Data link connector
61		Not used	
62		Not used	
63		Not used	
64		Not used	
65		Not used	
66		Not used	
67		Not used	
68		Not used	
69		Not used	
70		Not used	
71		Not used	
72		Not used	
73		Not used	
74		Not used	
75		Not used	
76		Not used	
77		Not used	
78		Not used	
79		Not used	
80		Not used	
81		Not used	
82	E/A	CAN R1 bridged-out	Transmission control module (pin 83)
83	E/A	CAN R2 bridged-out	Transmission control module (pin 82)
84	M	Ground	Shield
85	E/A	CAN-L	Engine control module (DME)
86	E/A	CAN-H	Engine control module (DME)
87	E	RxD	Data link connector
88	E/A	TxD	Data link connector

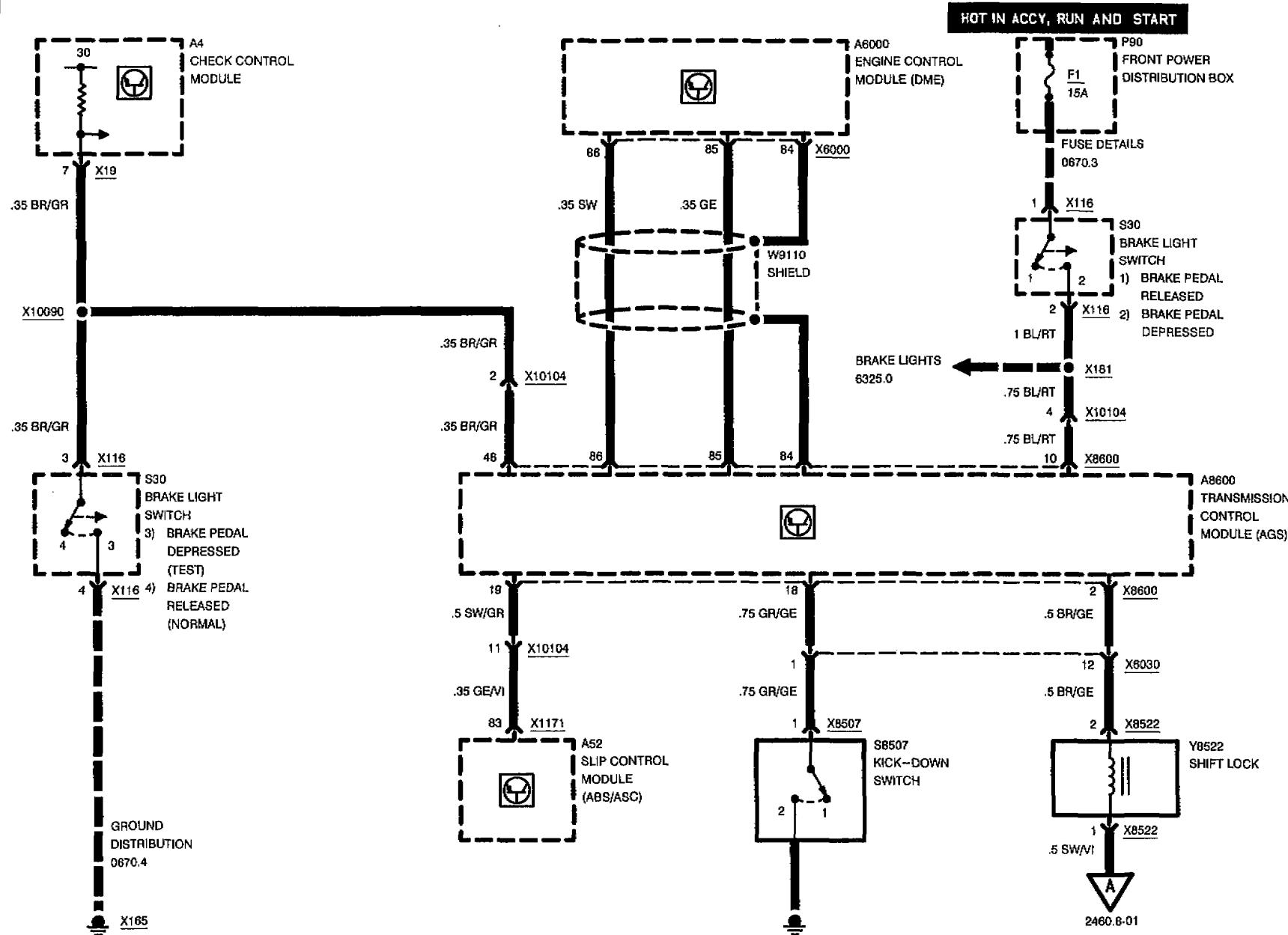
E = Input, A = Output, M = Ground





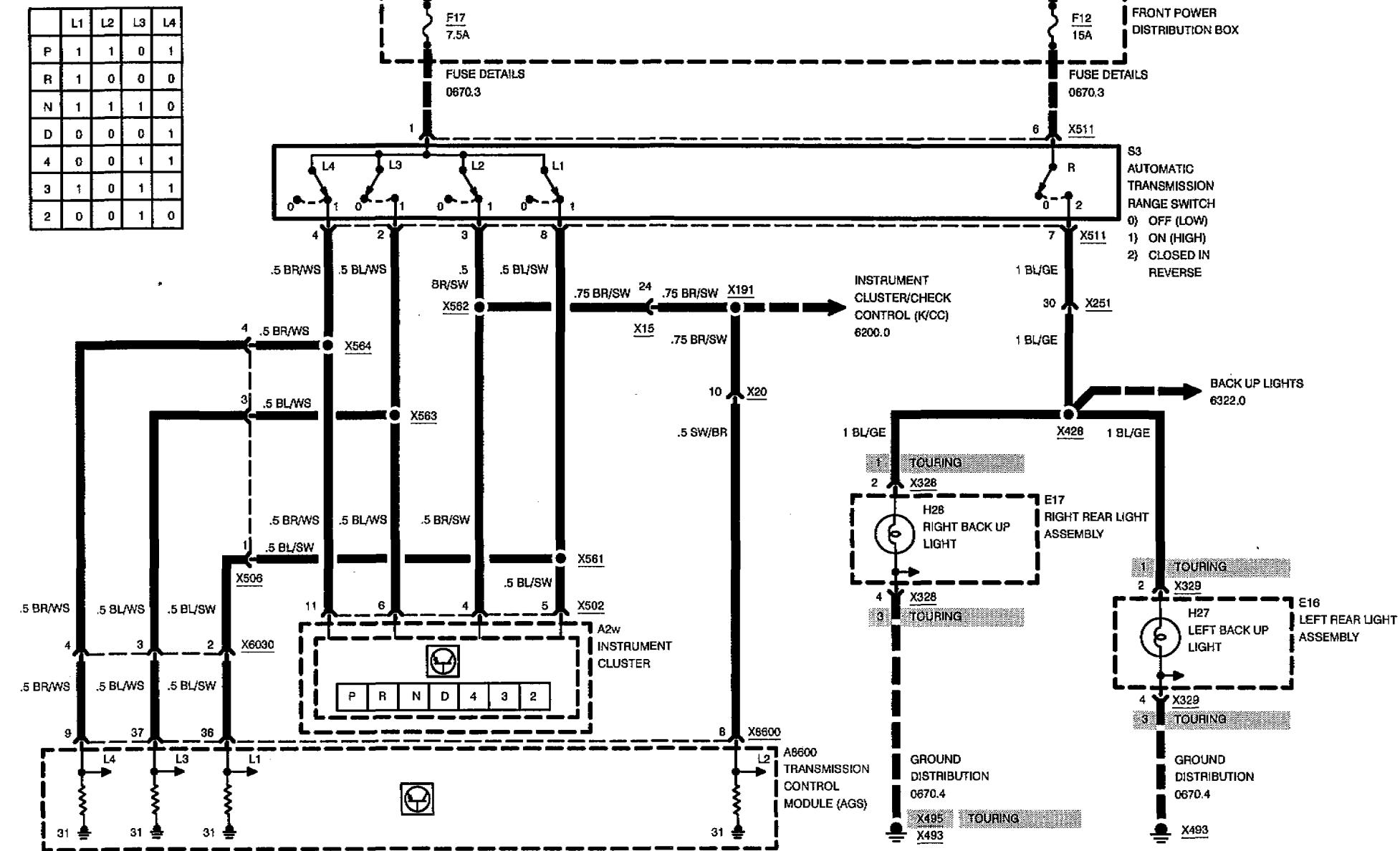


## ELECTRONIC TRANSMISSION CONTROL (AGS: GS 7.32/A5S 310Z)



## ELECTRONIC TRANSMISSION CONTROL (AGS: GS 7.32/A5S 310Z)

	L1	L2	L3	L4
P	1	1	0	1
R	1	0	0	0
N	1	1	1	0
D	0	0	0	1
4	0	0	1	1
3	1	0	1	1
2	0	0	1	0



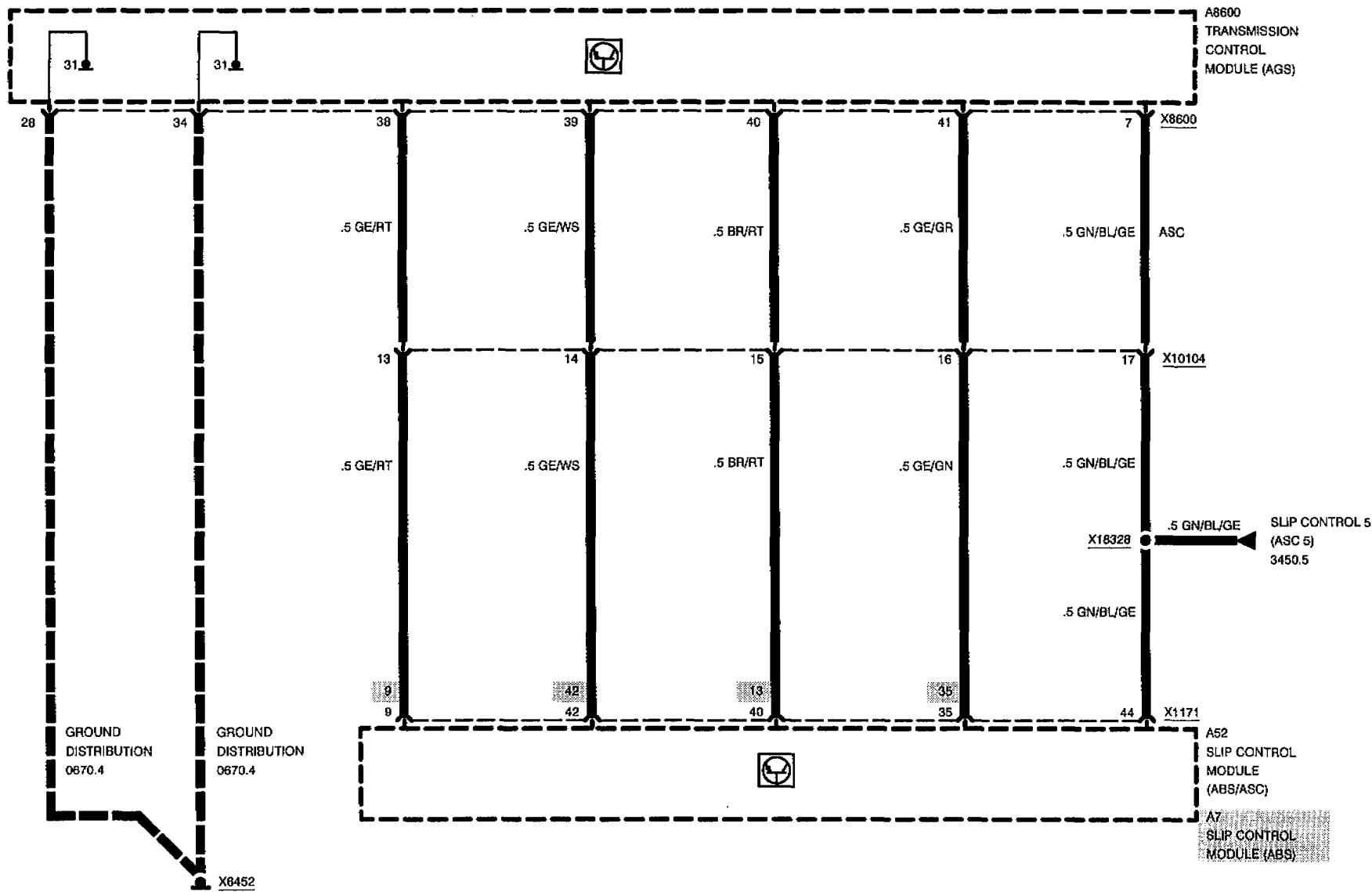


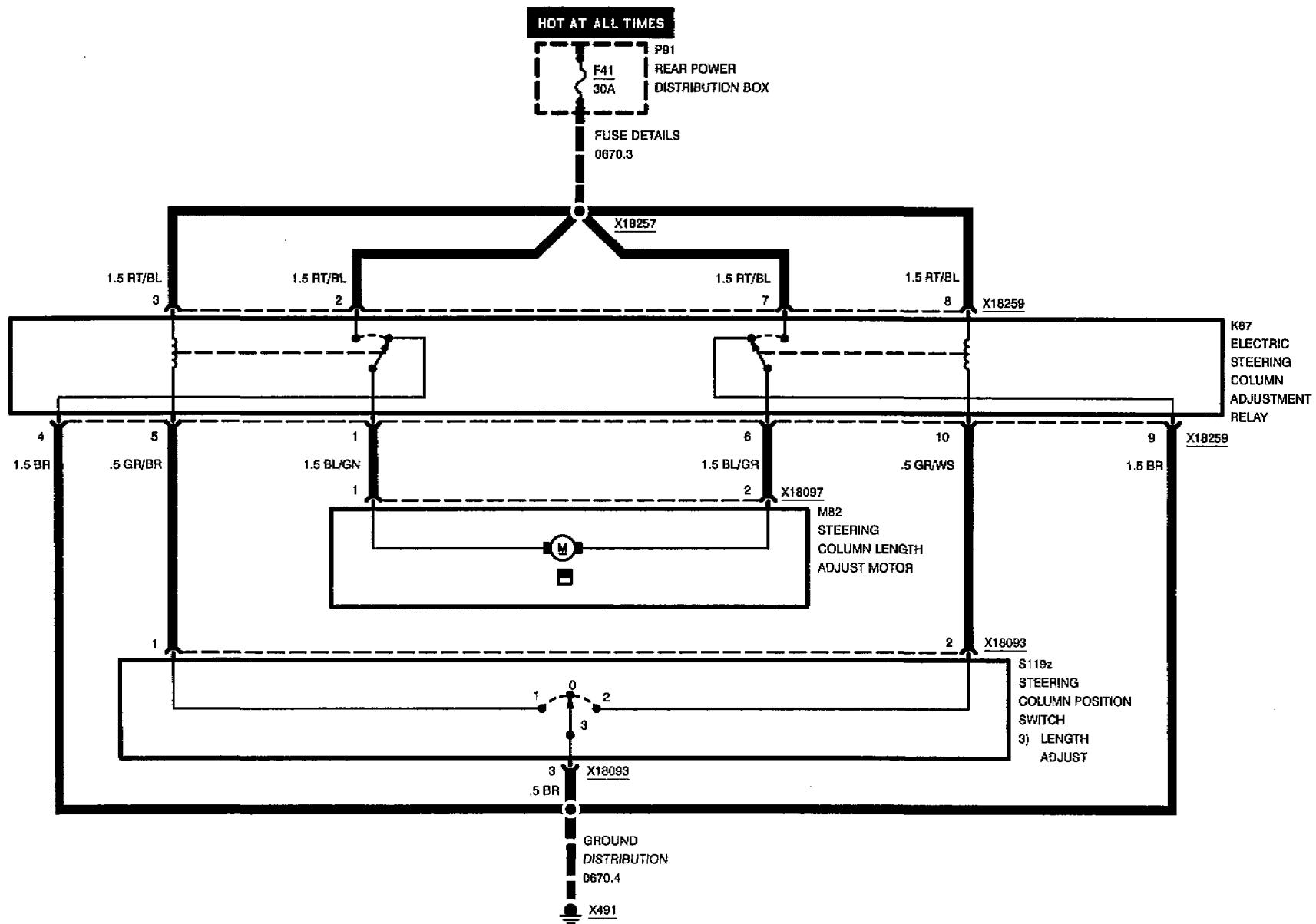
## ELECTRONIC TRANSMISSION CONTROL (AGS: GS 7.32/A5S 310Z)

02/97

2460.8-05

1995

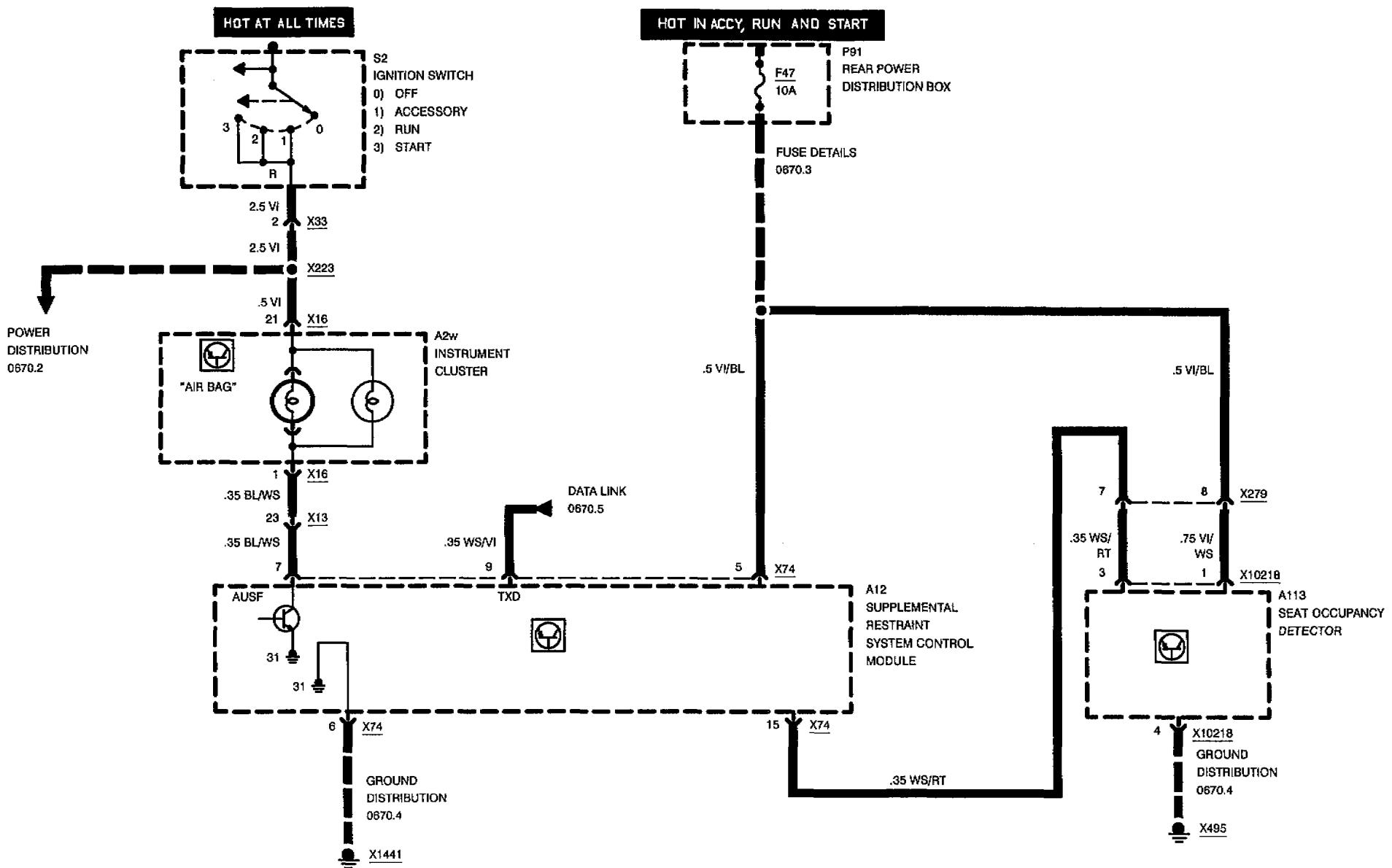




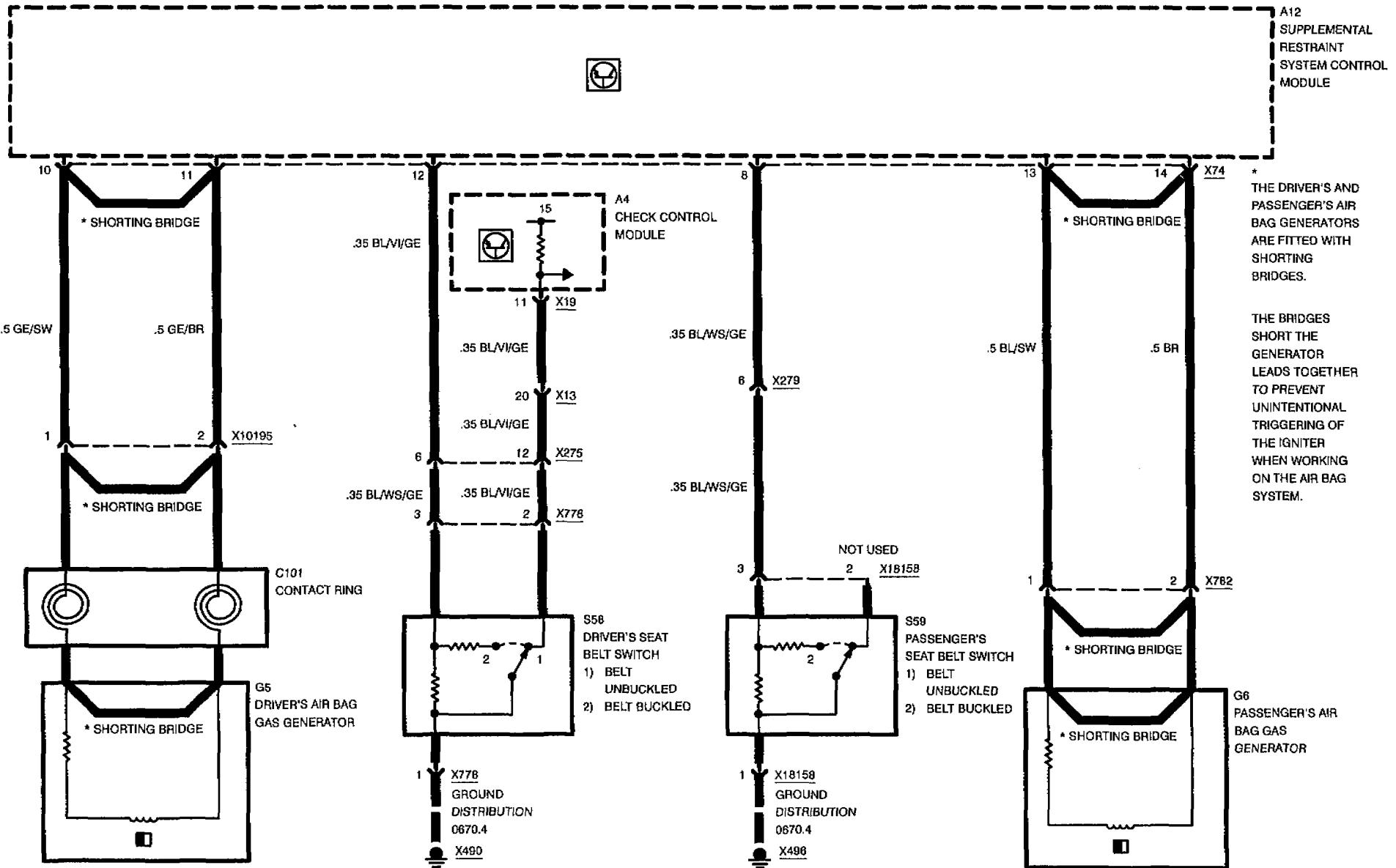


3234.0

## SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

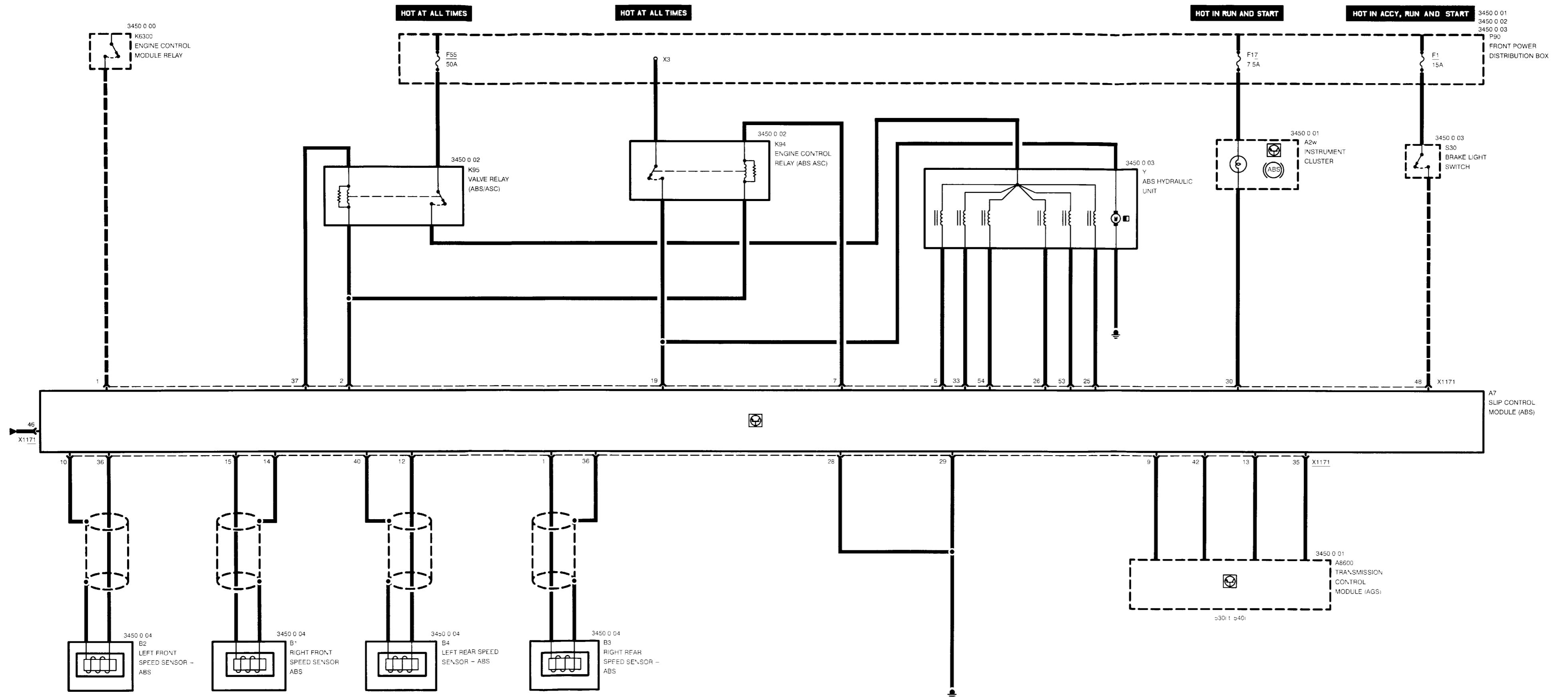


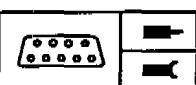
## SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)





3234.0-02





## Pin Assignments

X1171

Pin	Type	Description/Function	Connection
1	E	Battery voltage	Engine control module relay
2	A	ABS valve relay, ABS engine control relay	ABS valve relay, ABS engine control relay
3		Not used	
4		Not used	
5	A	Left front inlet relay	ABS hydraulic unit
6		Not used	
7	A	Voltage signal ABS engine control relay	Engine control relay (ABS/ASC+T)
8		Not used	
9	A	Left front wheel speed signal	Transmission control unit (AGS) 530i/t, 540i
10	A	Left front speed sensor ground	Left front speed sensor
11	E	Right rear speed sensor voltage signal	Right rear speed sensor (ABS)
12	A	Left rear speed sensor ground	Left rear speed sensor
13	A	Left rear wheel speed signal	Transmission control unit (AGS) 530i/t, 540i
14	A	Right front speed sensor ground	Right front speed sensor
15	E	Right front speed sensor voltage	Right front speed sensor (ABS)
16		Not used	
17		Not used	
18		Not used	
19	E	Plug signal	ABS engine control relay
20		Not used	
21		Not used	
22		Not used	
23		Not used	
24		Not used	
25	A	Rear axle outlet valve	ABS hydraulic unit
26	A	Right front outlet valve	ABS hydraulic unit
27		Not used	
28	M	Ground	Ground point

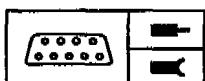
E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
29	M	Ground	Ground point
30	A	Voltage signal, ABS warning lamp	Instrument cluster
31		Not used	
32		Not used	
33	A	Left front outlet valve	ABS hydraulic unit
34		Not used	
35	A	Right rear wheel speed signal	Transmission control unit (AGS) 530i/t, 540i
36	E	Left front speed sensor voltage signal	Left front speed sensor (ABS)
37	A	Voltage signal, ABS valve relay	ABS valve relay
38	A	Right rear speed sensor ground	Right rear speed sensor
39		Not used	
40	E	Left rear speed sensor voltage signal	Left rear speed sensor (ABS)
41		Not used	
42	A	Right front wheel speed sensor signal	Transmission control unit (AGS) 530i/t, 540i
43		Not used	
44		Not used	
45		Not used	
46	E/A	TxD diagnostic data line	Data link connector
47		Not used	
48	E	Brake light signal	Brake light switch
49		Not used	
50		Not used	
51		Not used	
52		Not used	
53	A	Rear axle inlet valve	ABS hydraulic unit
54	A	Right front inlet valve	ABS hydraulic unit
55		Not used	
56		Not used	
57		Not used	
58		Not used	
59		Not used	
60		Not used	

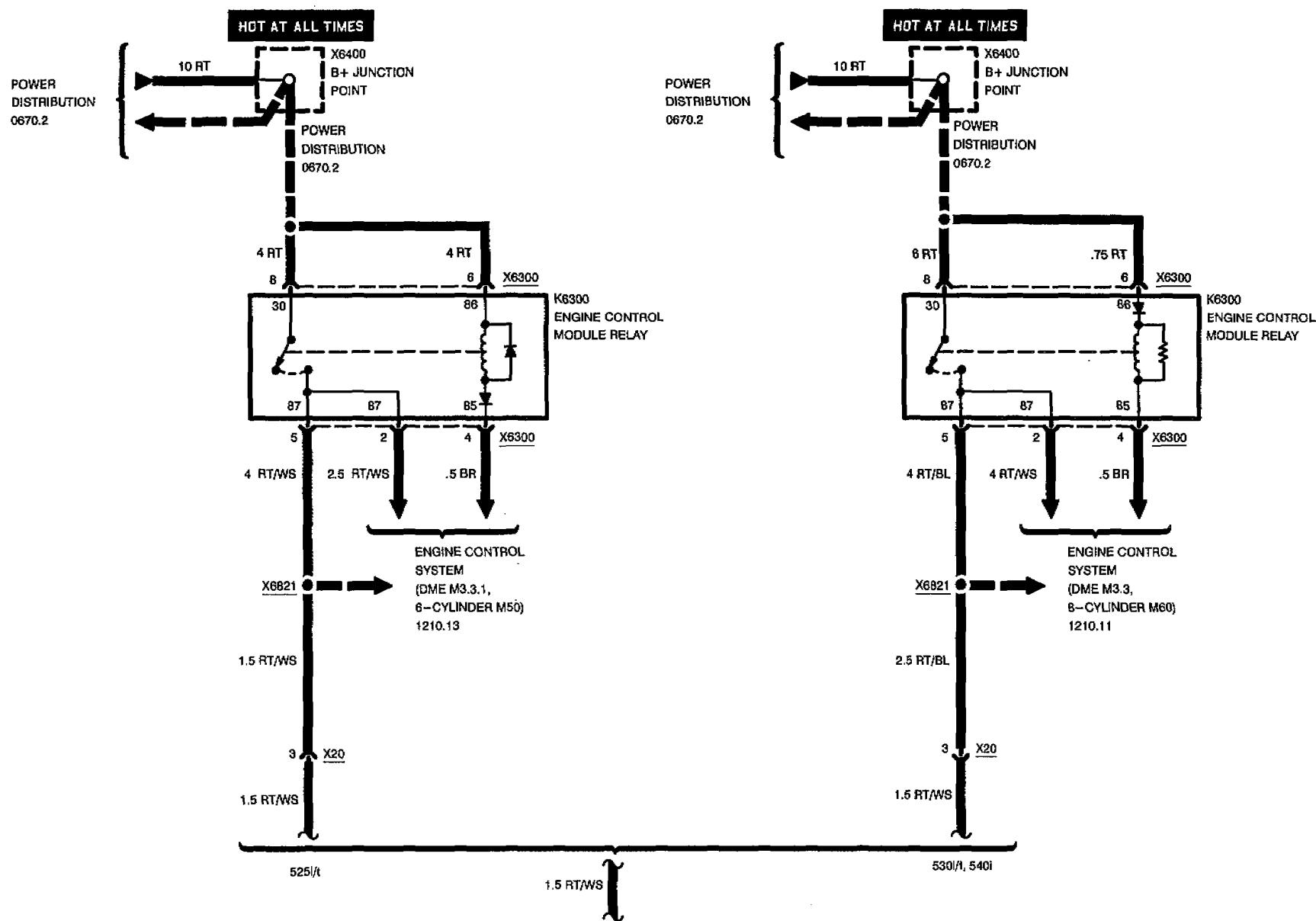
E = Input, A = Output, M = Ground

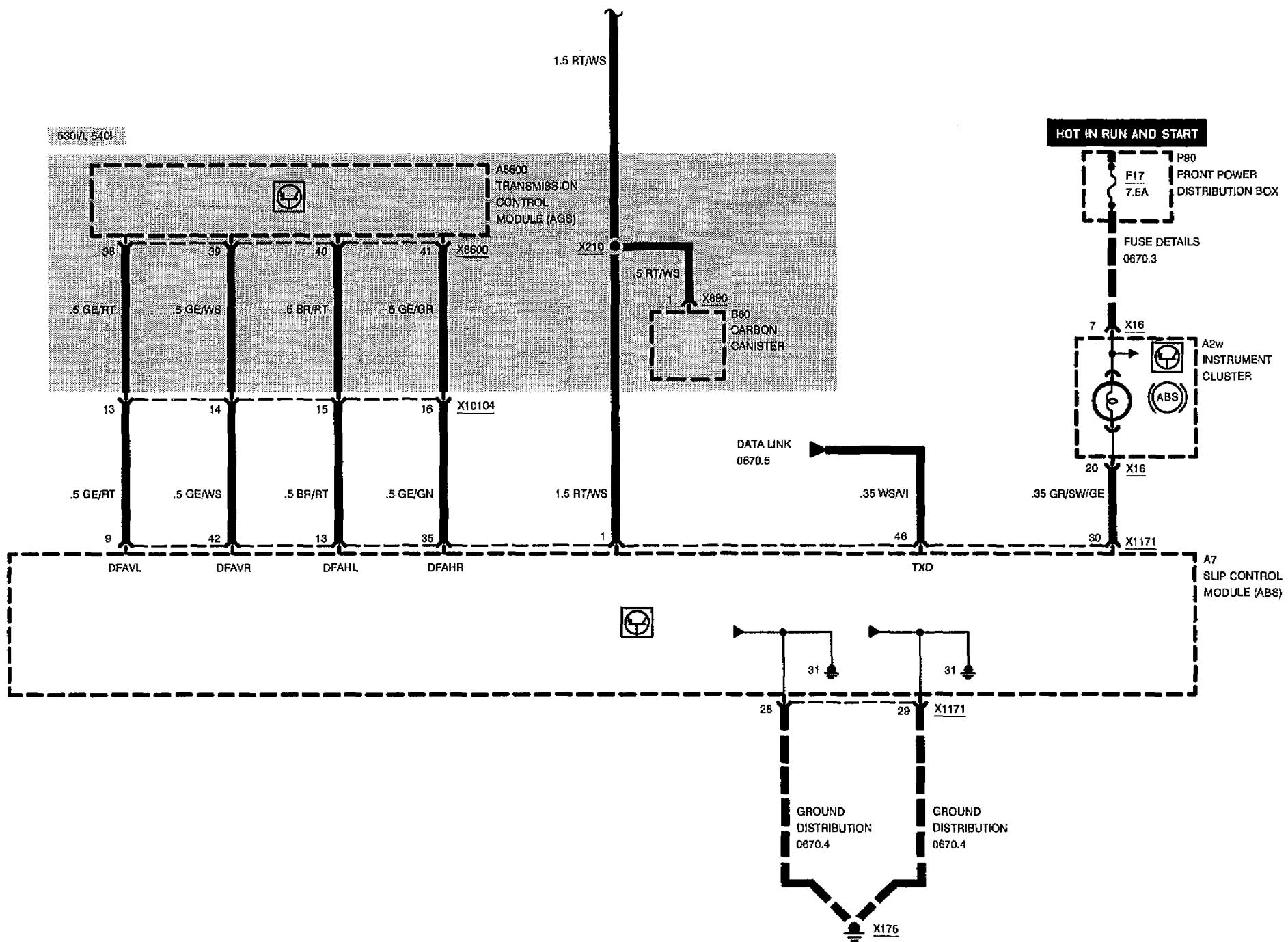


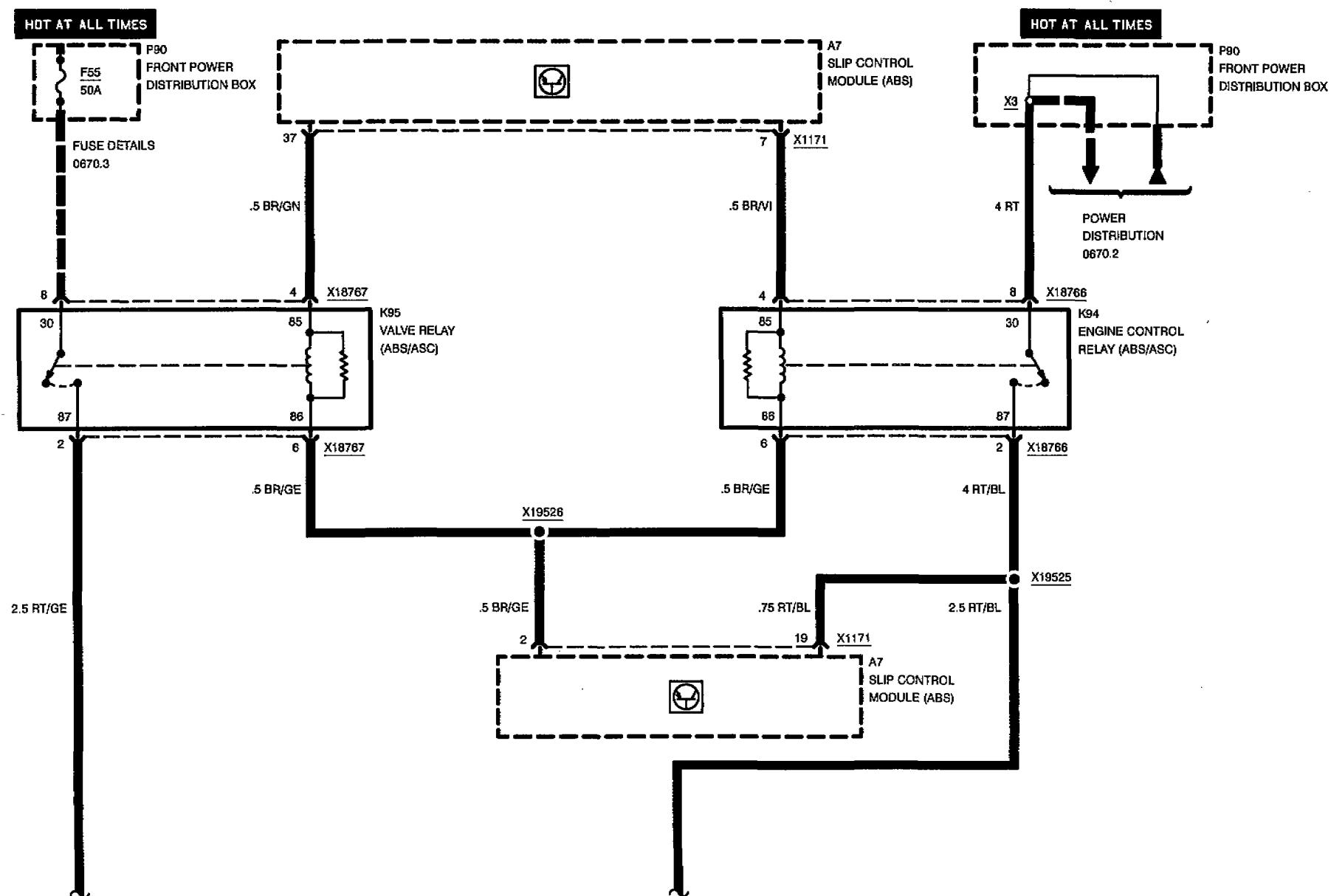
## Pin Assignments

Pin	Type	Description/Function	Connection
61		Not used	
62		Not used	
63		Not used	
64		Not used	
65		Not used	
66		Not used	
67		Not used	
68		Not used	
69		Not used	
70		Not used	
71		Not used	
72		Not used	
73		Not used	
74		Not used	
75		Not used	
76		Not used	
77		Not used	
78		Not used	
79		Not used	
80		Not used	
81		Not used	
82		Not used	
83		Not used	
84		Not used	
85		Not used	
86		Not used	
87		Not used	
88		Not used	

E = Input, A = Output, M = Ground



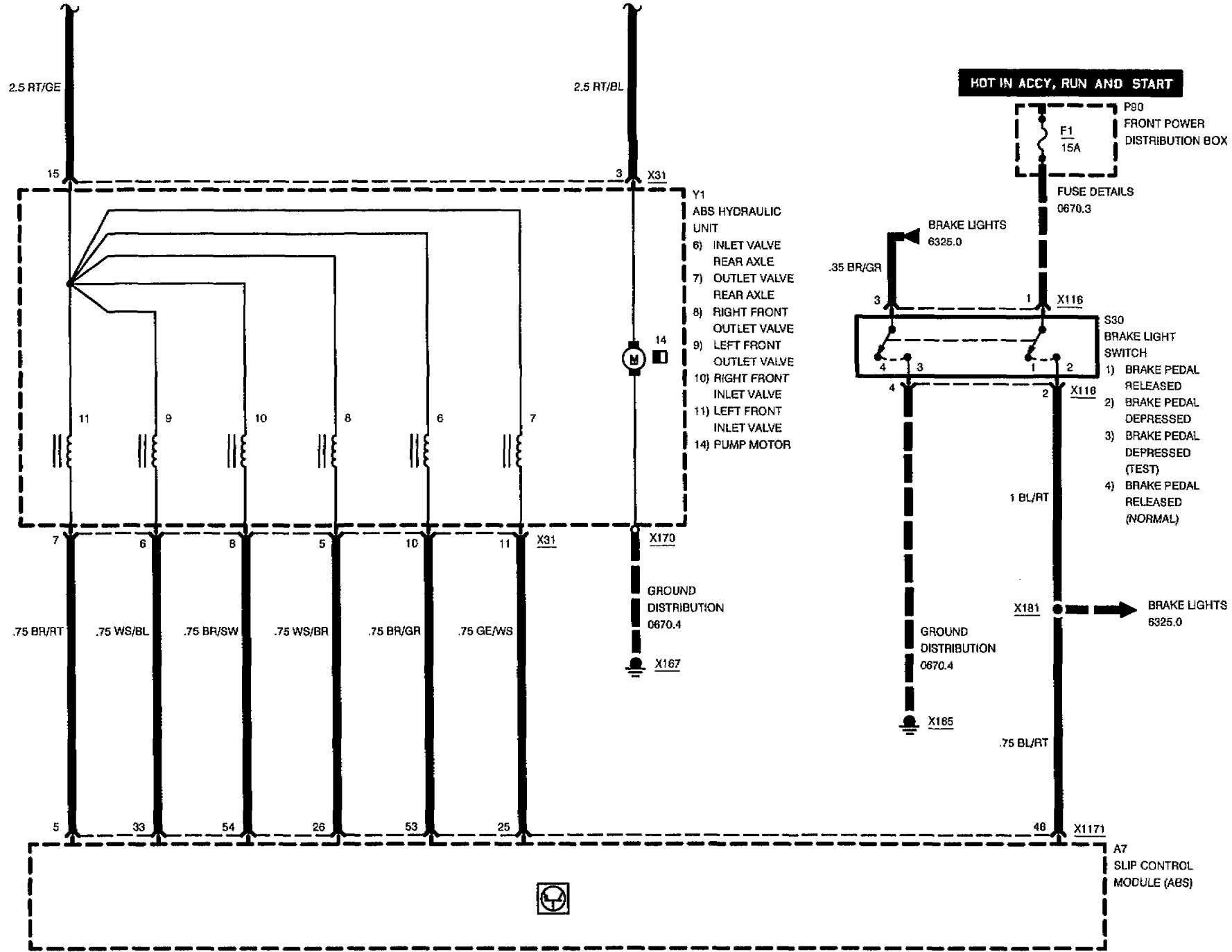


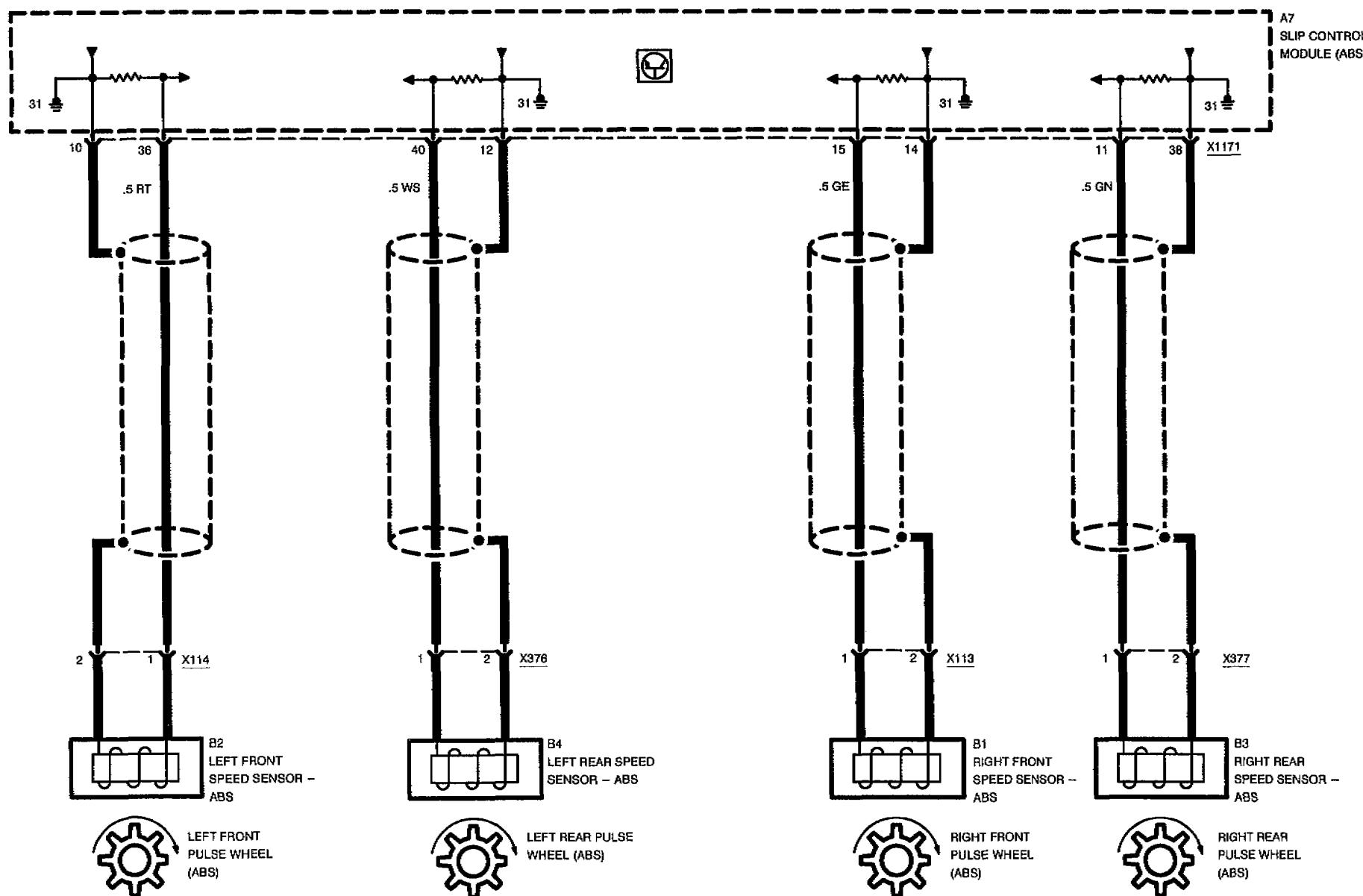


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- 3450 5 -

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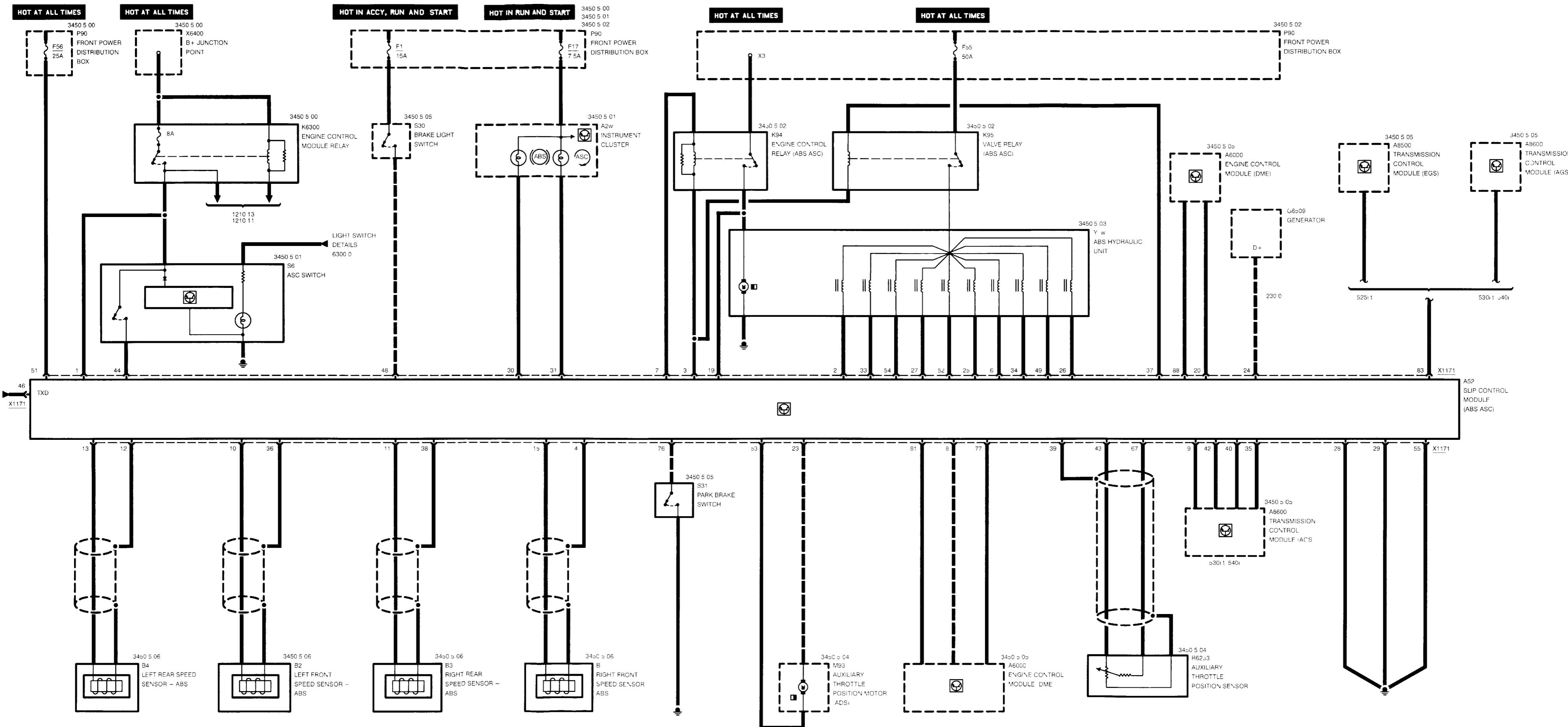
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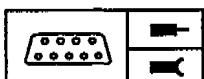
— 1995

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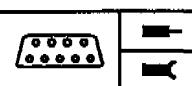


## Pin Assignments

X1171

Pin	Type	Description/Function	Connection
1	E	Battery voltage	Engine control module relay
2	A	Left front inlet valve	ABS hydraulic unit
3	A	ABS/ASC valve relay, ABS/ASC engine control relay	ABS/ASC valve relay, ABS/ASC engine control relay
4		Not used	
5		Not used	
6	A	Right rear inlet valve	ABS hydraulic unit
7	A	Voltage signal ABS/ASC engine control relay	Engine control relay (ABS/ASC+T)
8		Not used	
9	A	Left front wheel speed sensor signal	Transmission control unit (AGS) (530i/t, 540i)
10	A	Left front speed sensor ground	Left front speed sensor
11	E	Right rear speed sensor voltage signal	Right rear speed sensor (ABS)
12	A	Left rear speed sensor ground	Left rear speed sensor
13	A	Left rear speed voltage signal	Left rear speed sensor (ABS)
14	A	Right front speed sensor ground	Right front speed sensor
15	E	Right front speed sensor voltage signal	Right front speed sensor (ABS)
16		Not used	
17		Not used	
18	E	EML—signal	Engine control module (DME)
19	E	ABS/ASC engine control relay, voltage signal	ABS/ASC engine control relay
20	E	Engine speed signal	Engine control module
21		Not used	
22		Not used	
23	A	Auxiliary throttle control motor, voltage	ADS throttle control motor
24	E	Terminal 61 D+	Generator
25	A	Left rear outlet valve	ABS hydraulic unit
26	A	Pressure intake valve	ABS hydraulic unit
27	A	Right front outlet valve	ABS hydraulic unit

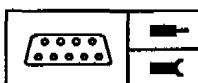
E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
28	M	Ground	Ground point
29	M	Ground	Ground point
30	A	Voltage signal, ABS warning lamp	Instrument cluster
31	A	ASC multi-function lamp	Instrument cluster
32		Not used	
33	A	Left front outlet valve	ABS hydraulic unit
34	A	Right rear outlet valve	ABS hydraulic unit
35	A	Right rear wheel speed signal	Transmission control unit (AGS)(530i/t, 540i)
36	E	Left front speed sensor, voltage signal	Left front speed sensor (ABS)
37	A	Voltage signal, ABS/ASC valve relay	ABS valve relay
38	A	Right rear speed sensor ground	Right rear speed sensor
39	A	Throttle control potentiometer ground	Throttle control potentiometer
40	A	Left rear wheel speed signal	Transmission control unit (AGS)(530i/t, 540i)
41		Not used	
42	A	Right front wheel speed signal	Transmission control unit (AGS)(530i/t, 540i)
43	A	Throttle control potentiometer, voltage	Throttle flap potentiometer (ASC)
44	E	ASC passive button voltage signal	ASC switch
45		Not used	
46	E/A	TxD diagnostic data line	Data link connector
47		Not used	
48	E	Brake light signal	Brake light switch
49	A	Plunger valve	ABS hydraulic unit
50		Not used	
51	E	Voltage supply	Front power distribution box
52	A	Left rear outlet valve	ABS hydraulic unit
53	E	Auxiliary throttle control motor, ground	ADS throttle control motor
54	A	Left front inlet valve	ABS hydraulic unit
55	M	Ground	Ground point
56		Not used	
57		Not used	

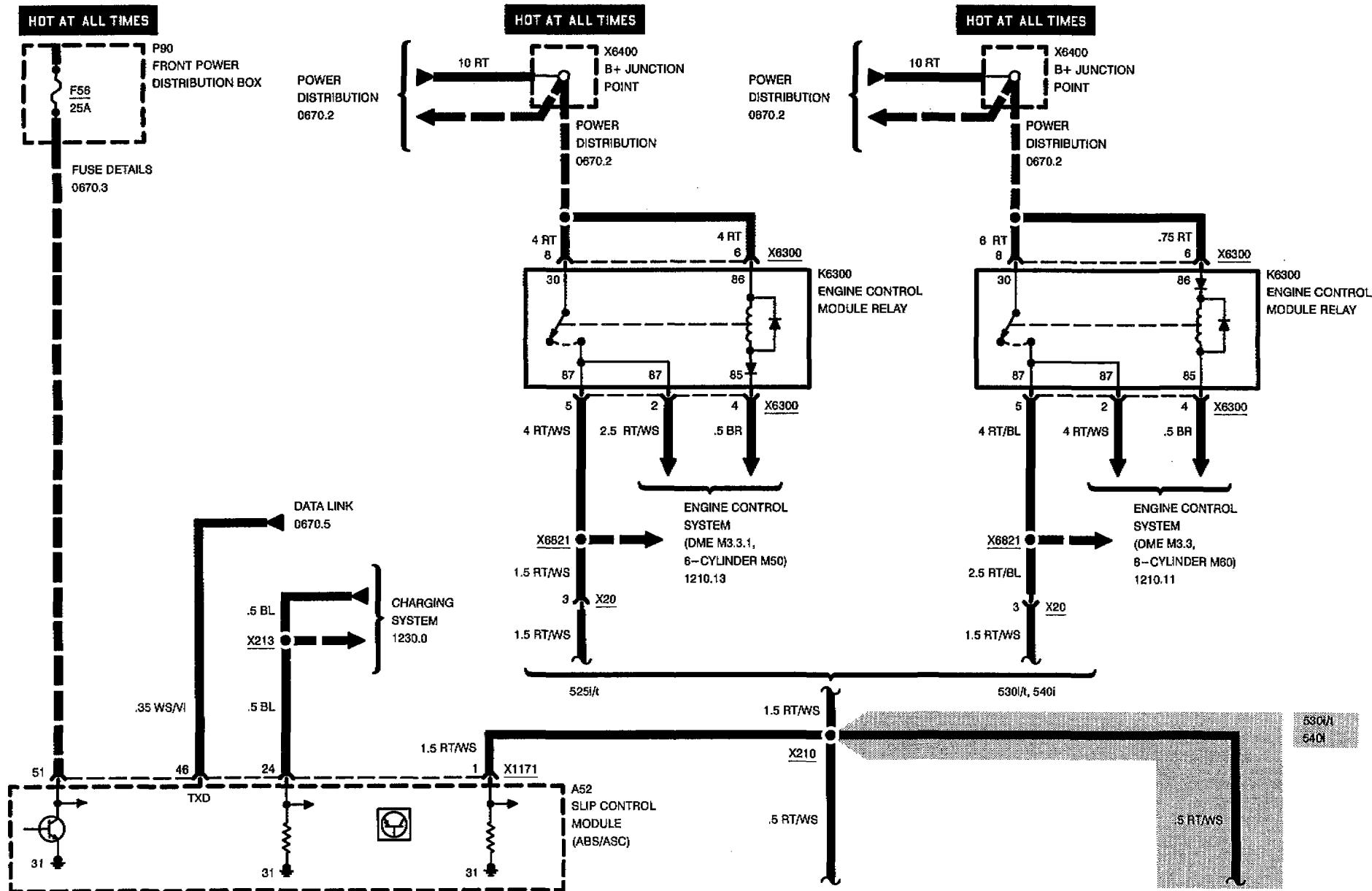
E = Input, A = Output, M = Ground

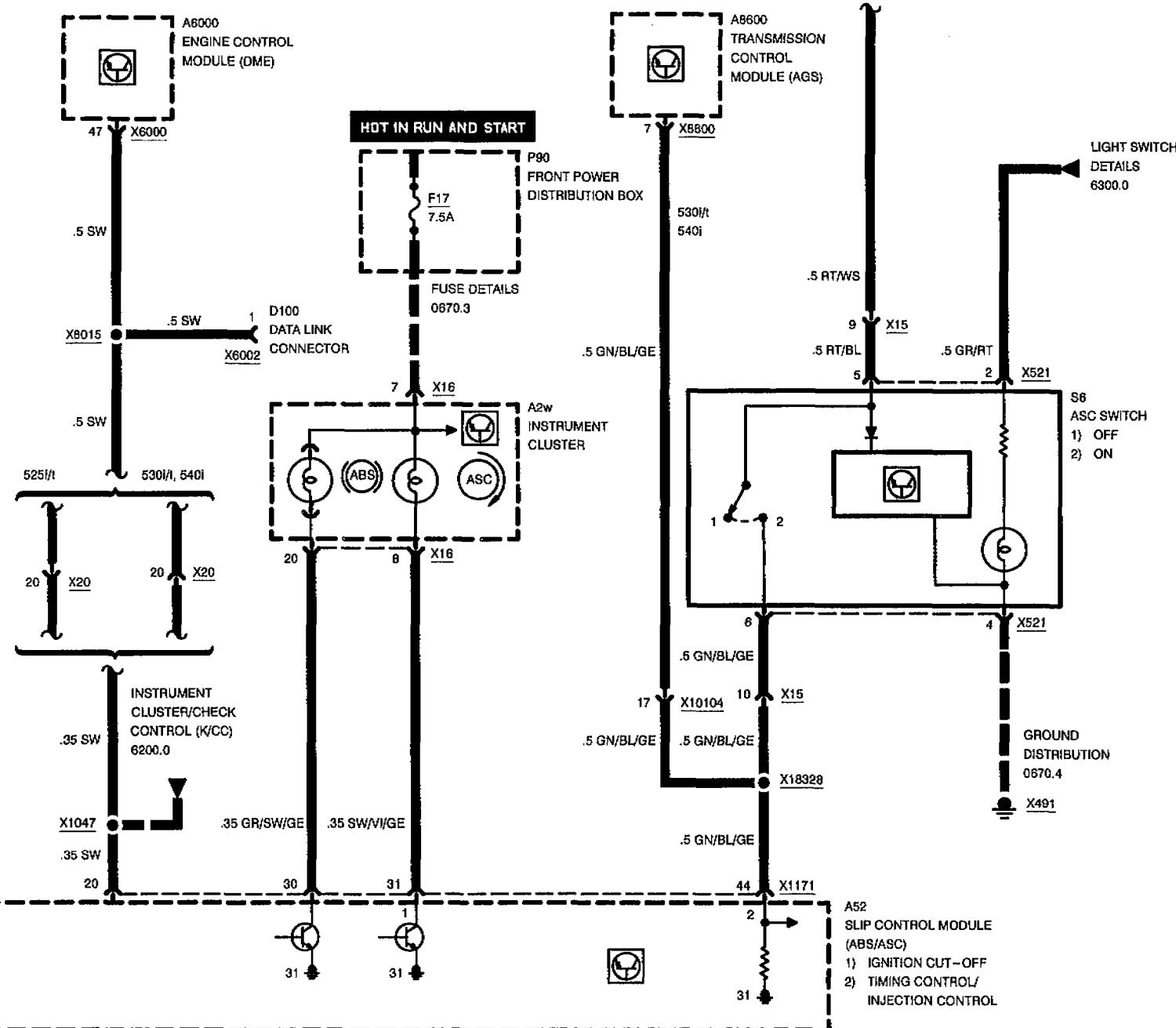
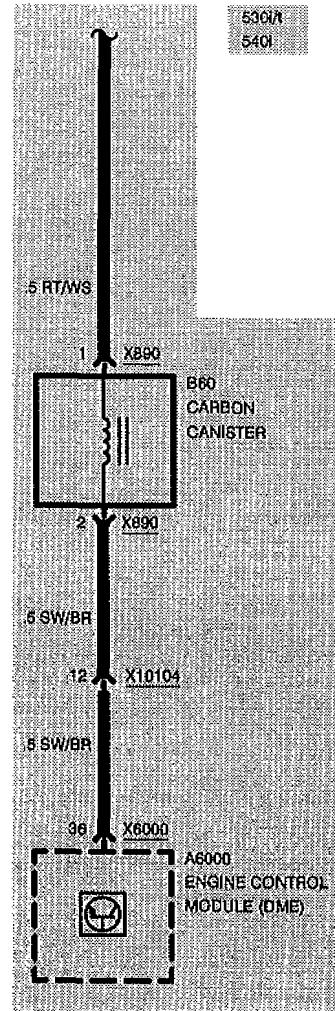


## Pin Assignments

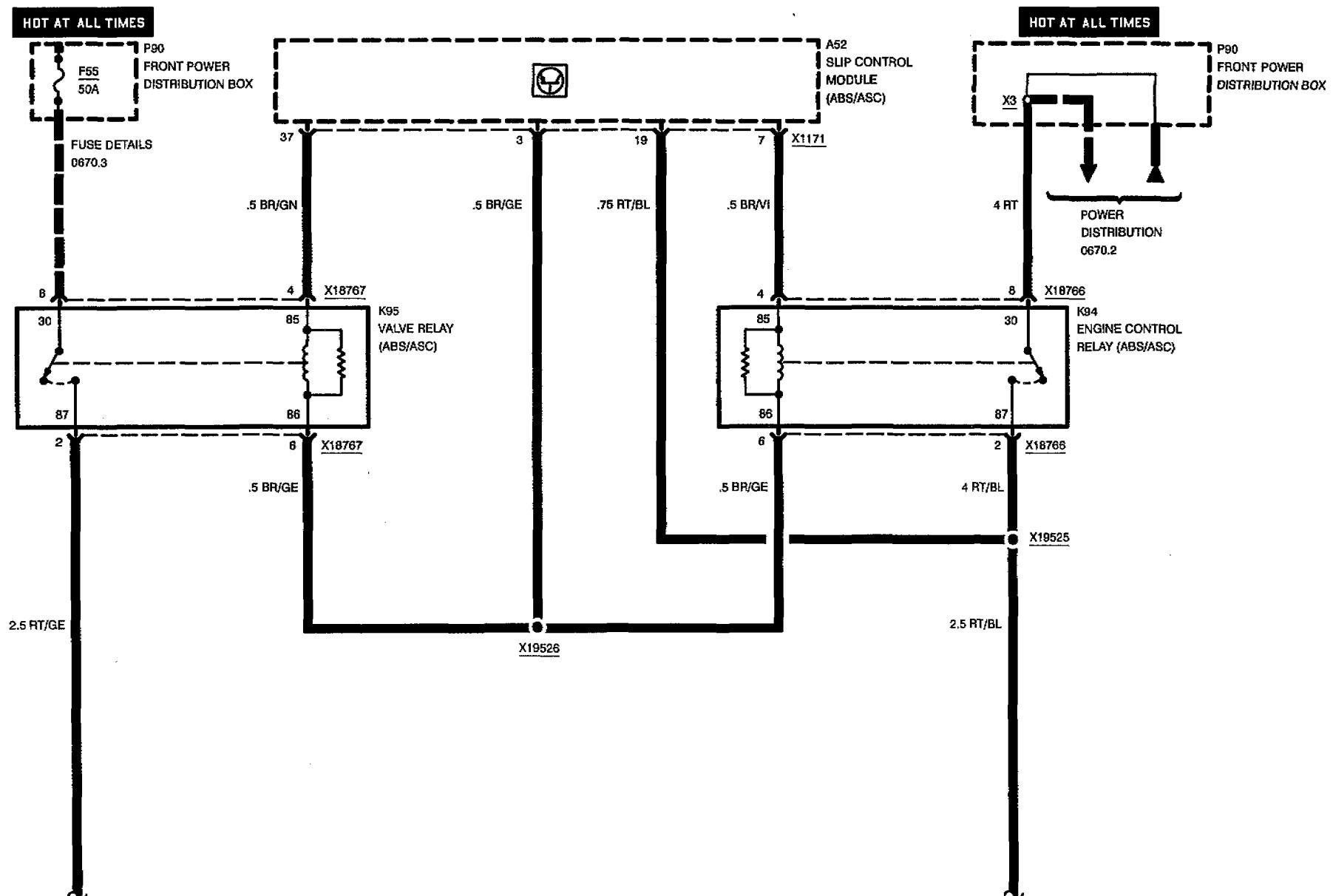
Pin	Type	Description/Function	Connection
58		Not used	
59		Not used	
60		Not used	
61		Not used	
62		Not used	
63		Not used	
64		Not used	
65		Not used	
66		Not used	
67	E	Throttle control potentiometer, signal	Throttle flap potentiometer (ASC)
68		Not used	
69		Not used	
70		Not used	
71		Not used	
72		Not used	
73		Not used	
74		Not used	
75		Not used	
76	E	Park brake signal	Park brake switch
77	A	Ignition timing set	Engine control module (DME)
78		Not used	
79		Not used	
80		Not used	
81	E	Signal line	Engine control module (DME)
82		Not used	
83	A	Transmission intervention	Transmission control unit (AGS)
84		Not used	
85		Not used	
86		Not used	
87		Not used	
88	E	Throttle angle signal	Engine control module

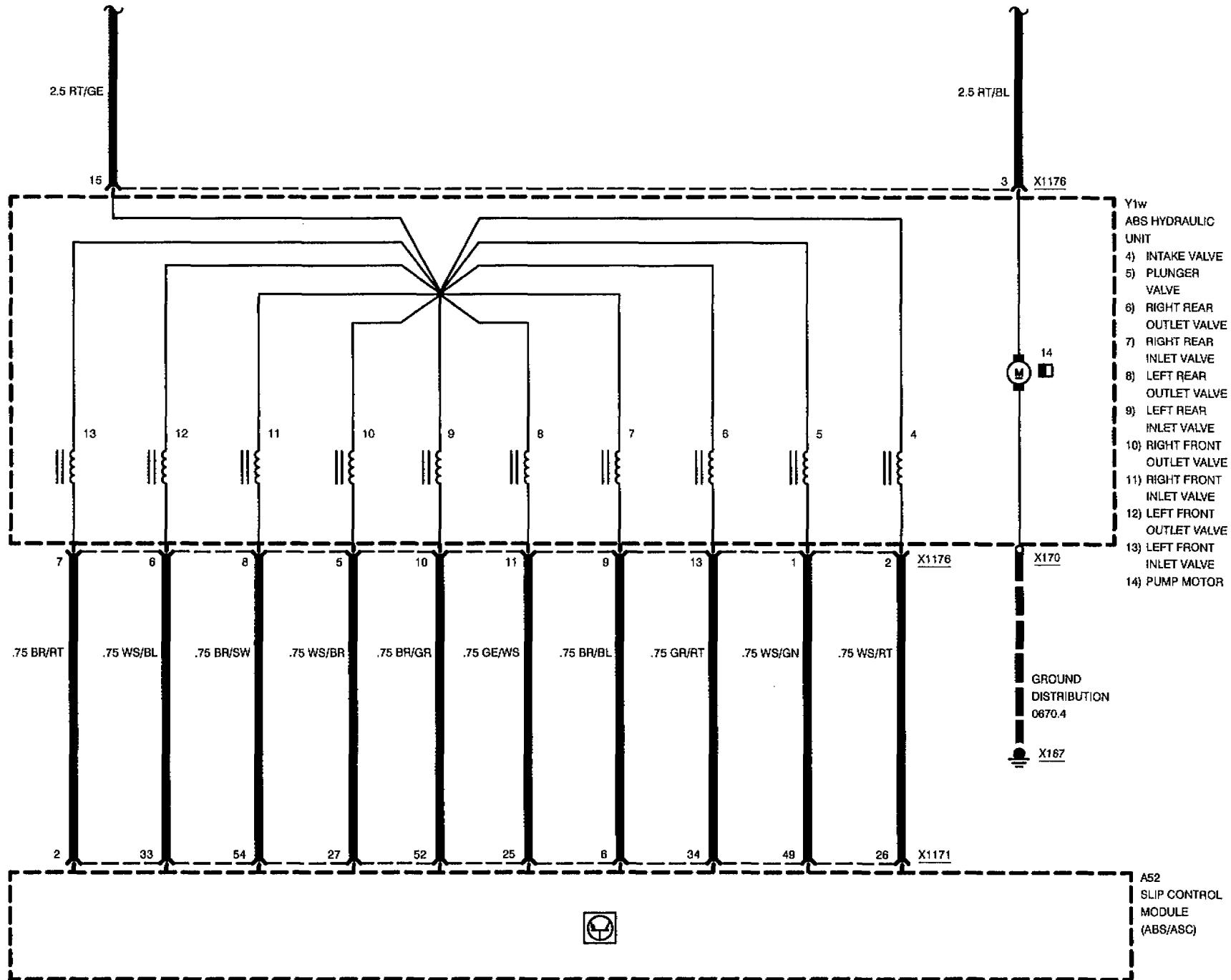
E = Input, A = Output, M = Ground

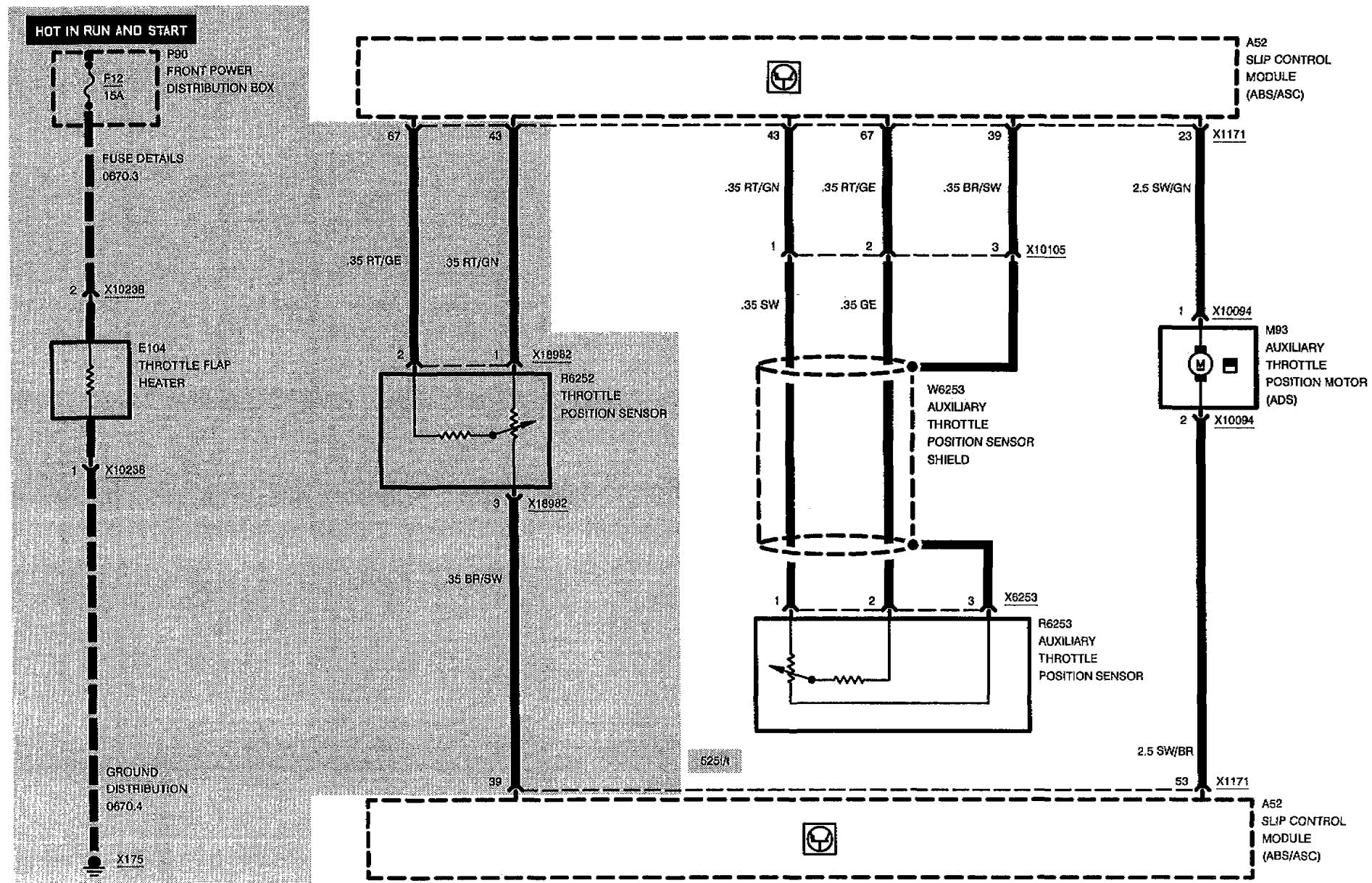


530/t  
540i

## SLIP CONTROL 5 (ASC 5)

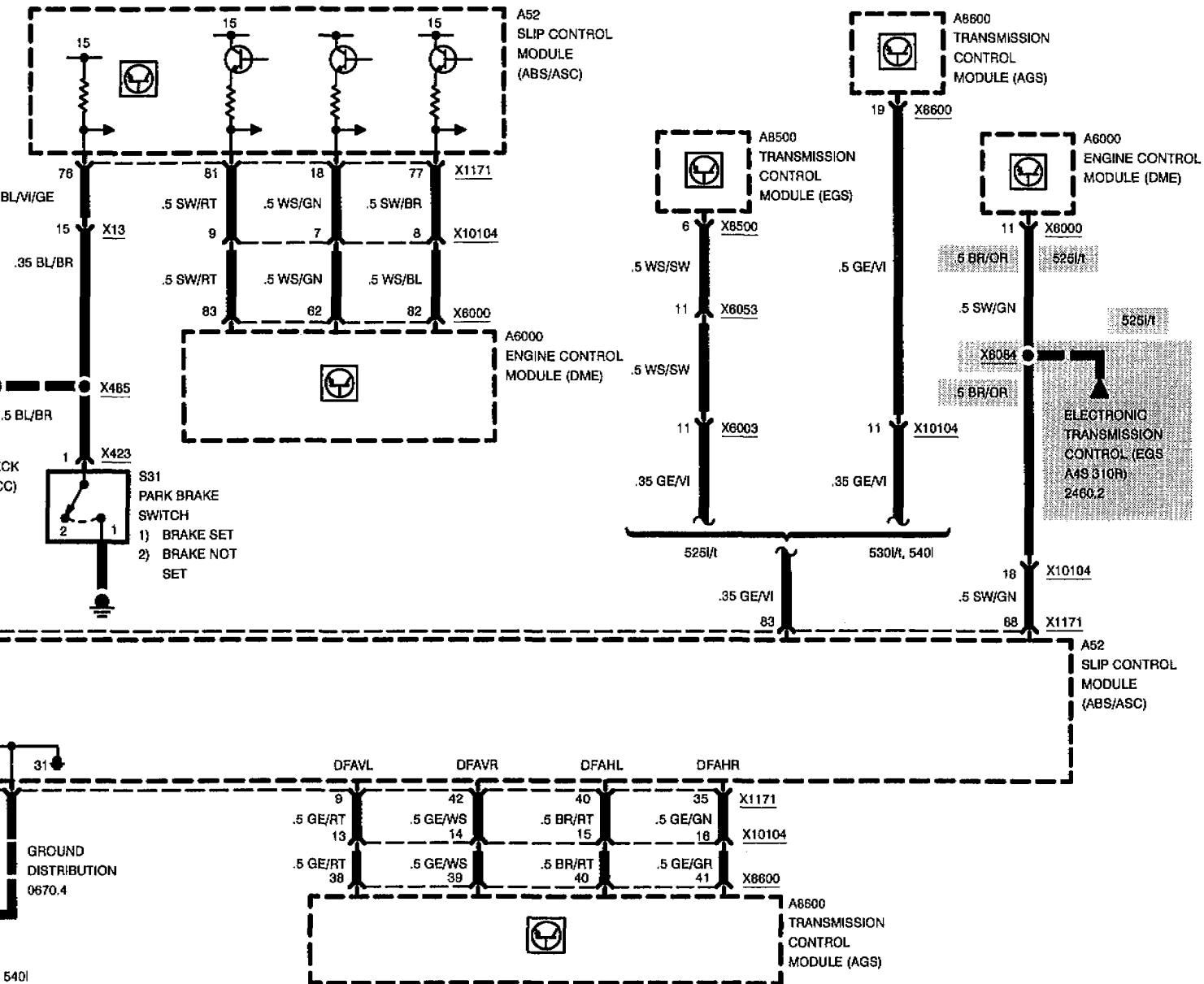
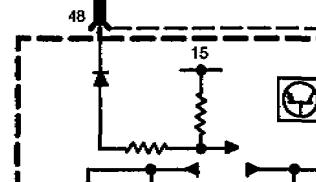
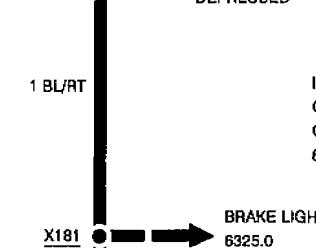
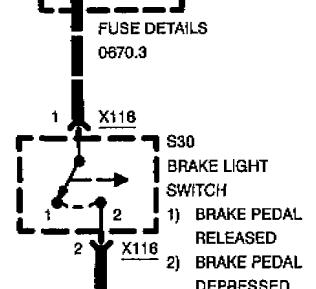


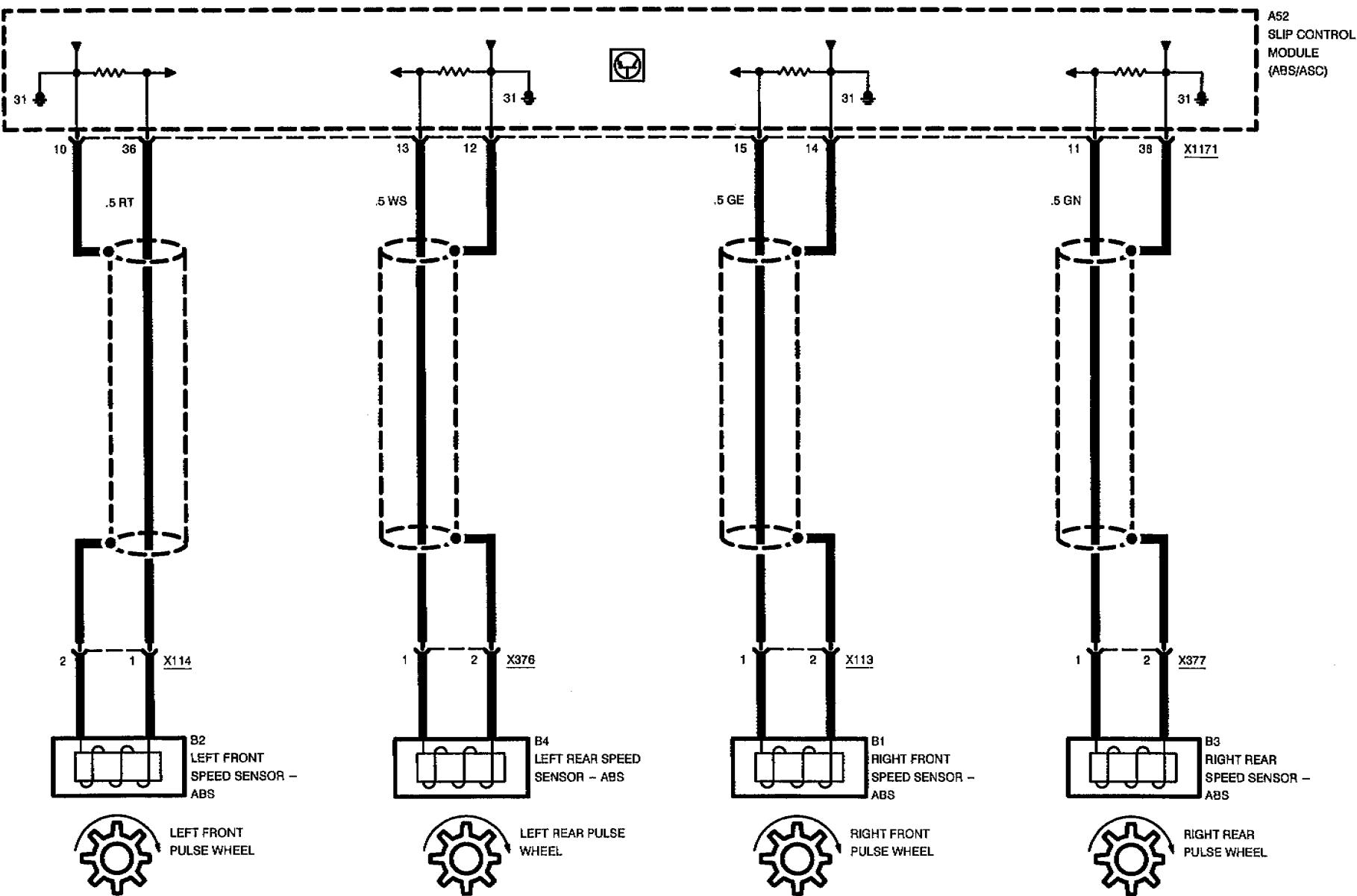




## SLIP CONTROL 5 (ASC 5)

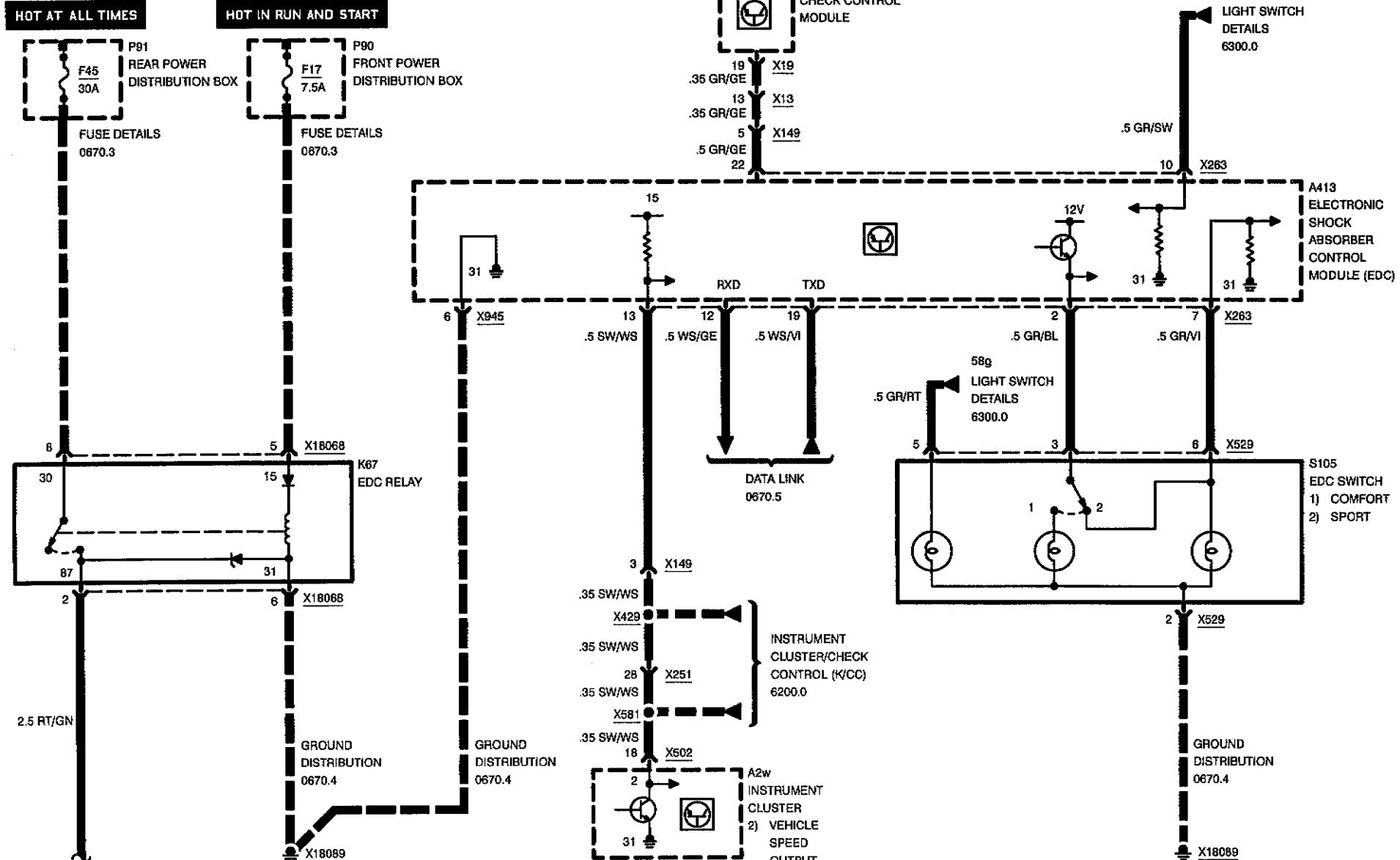
HOT IN ACCY, RUN OR START



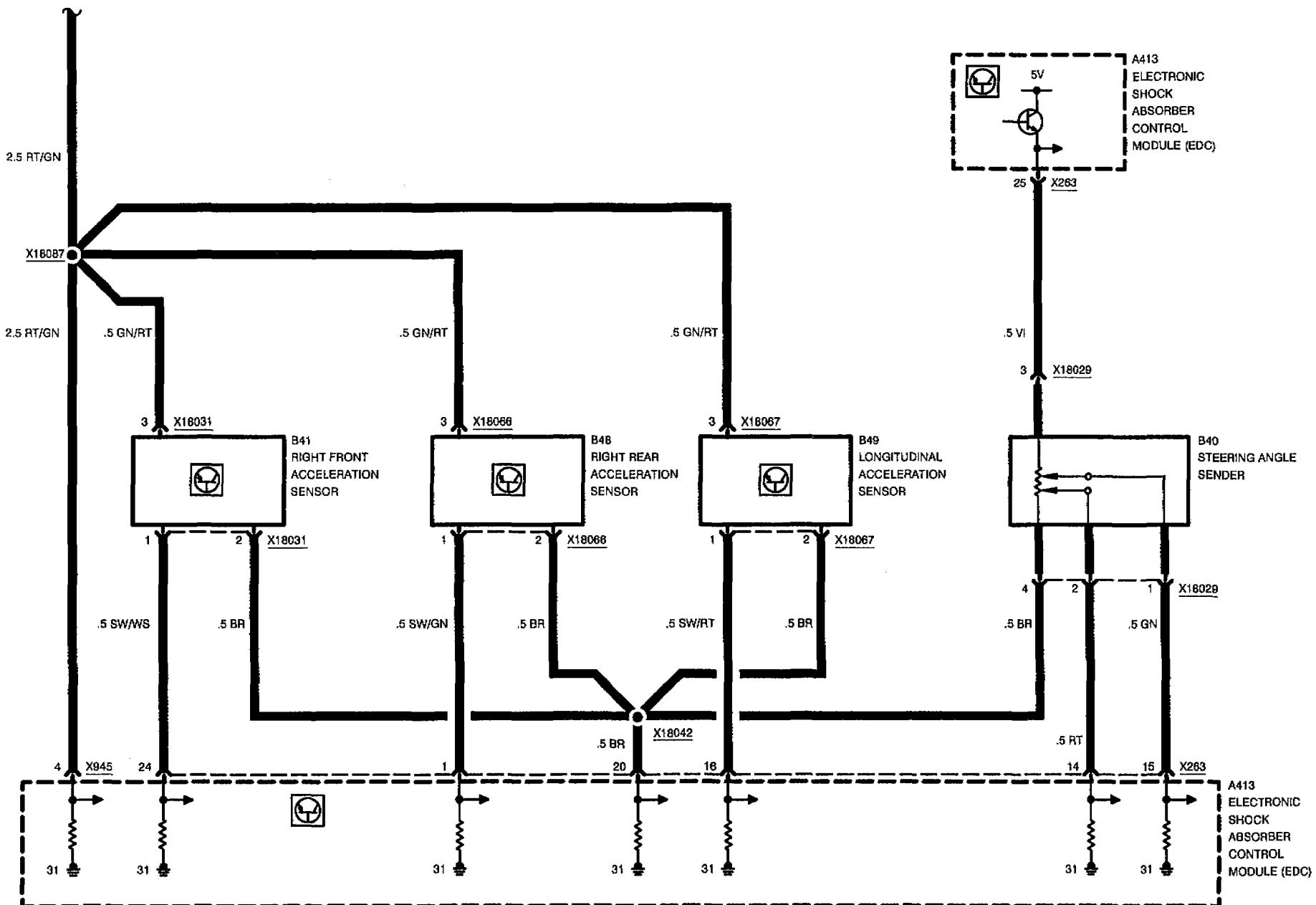


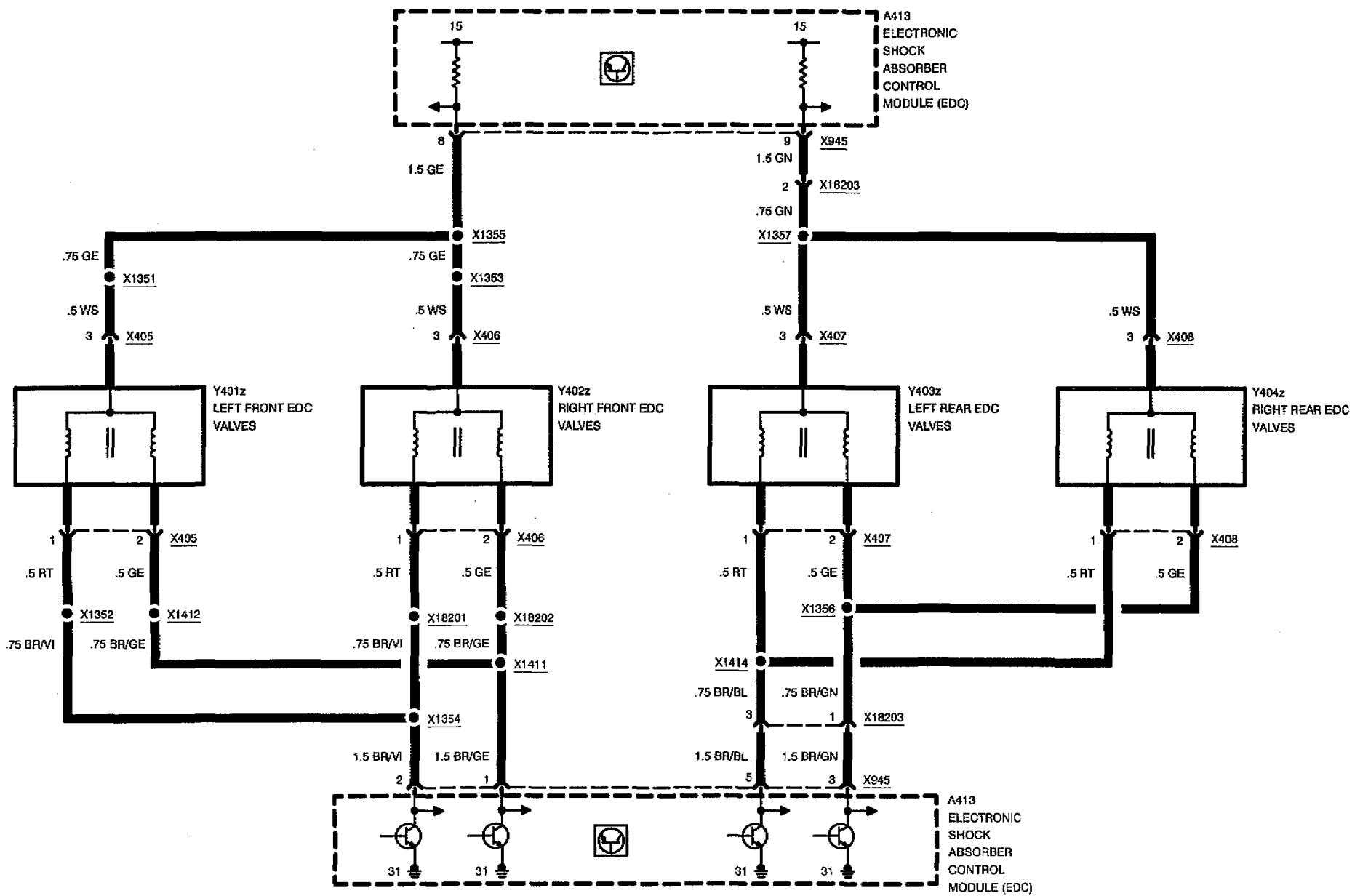


3715.2



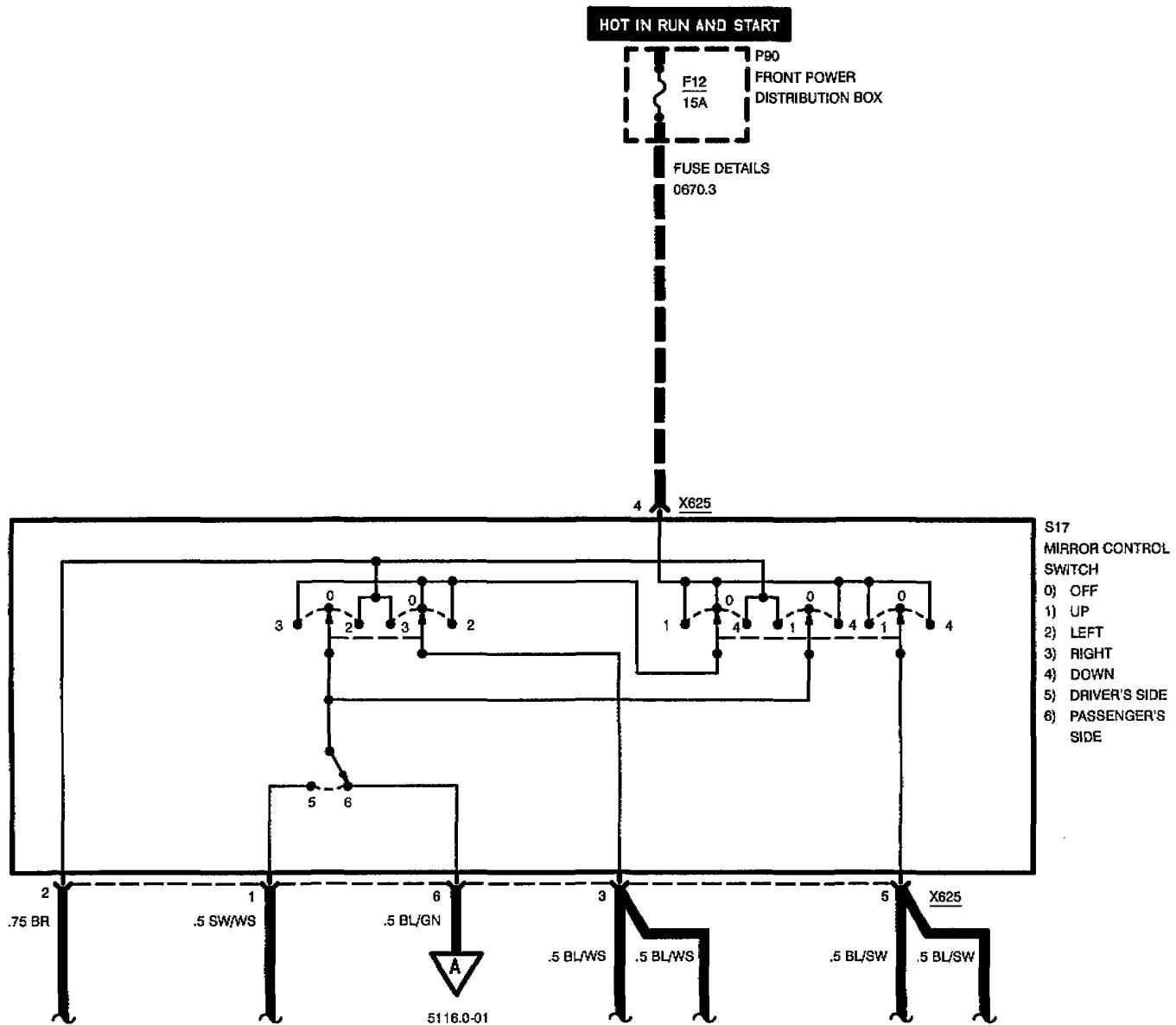
540i

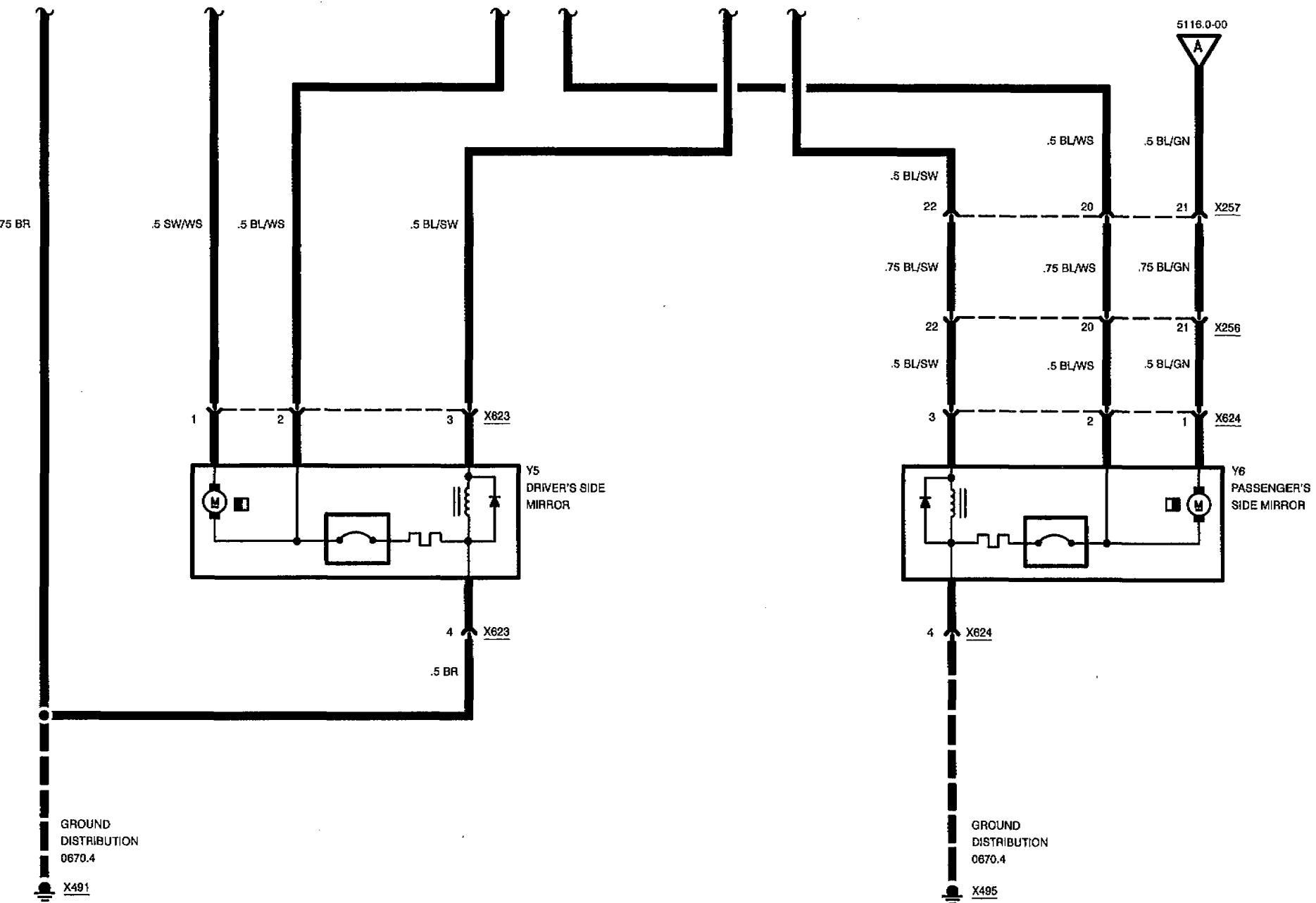






5116.0







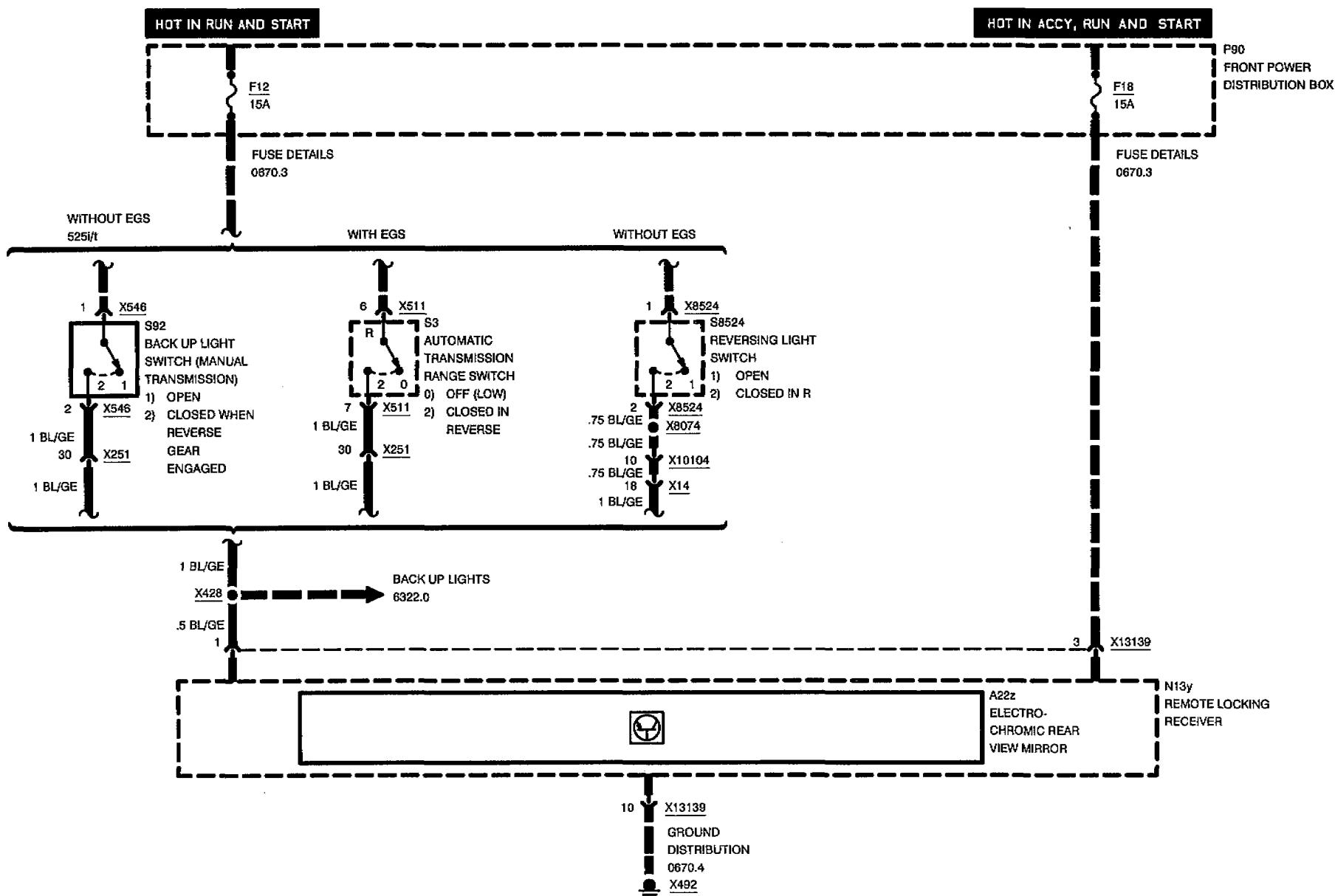
# POWER MIRRORS

## CONTACT RING

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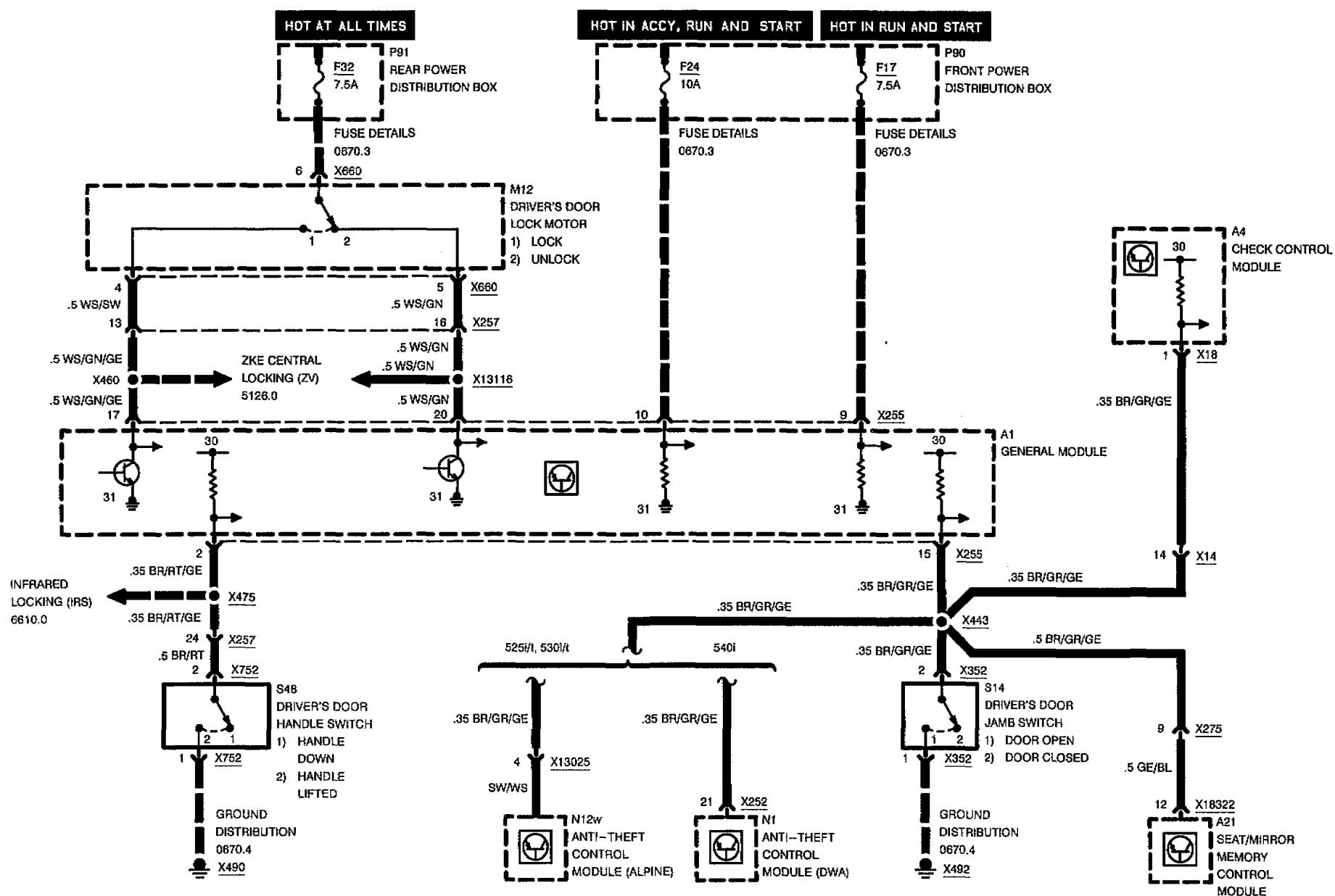


5120.0



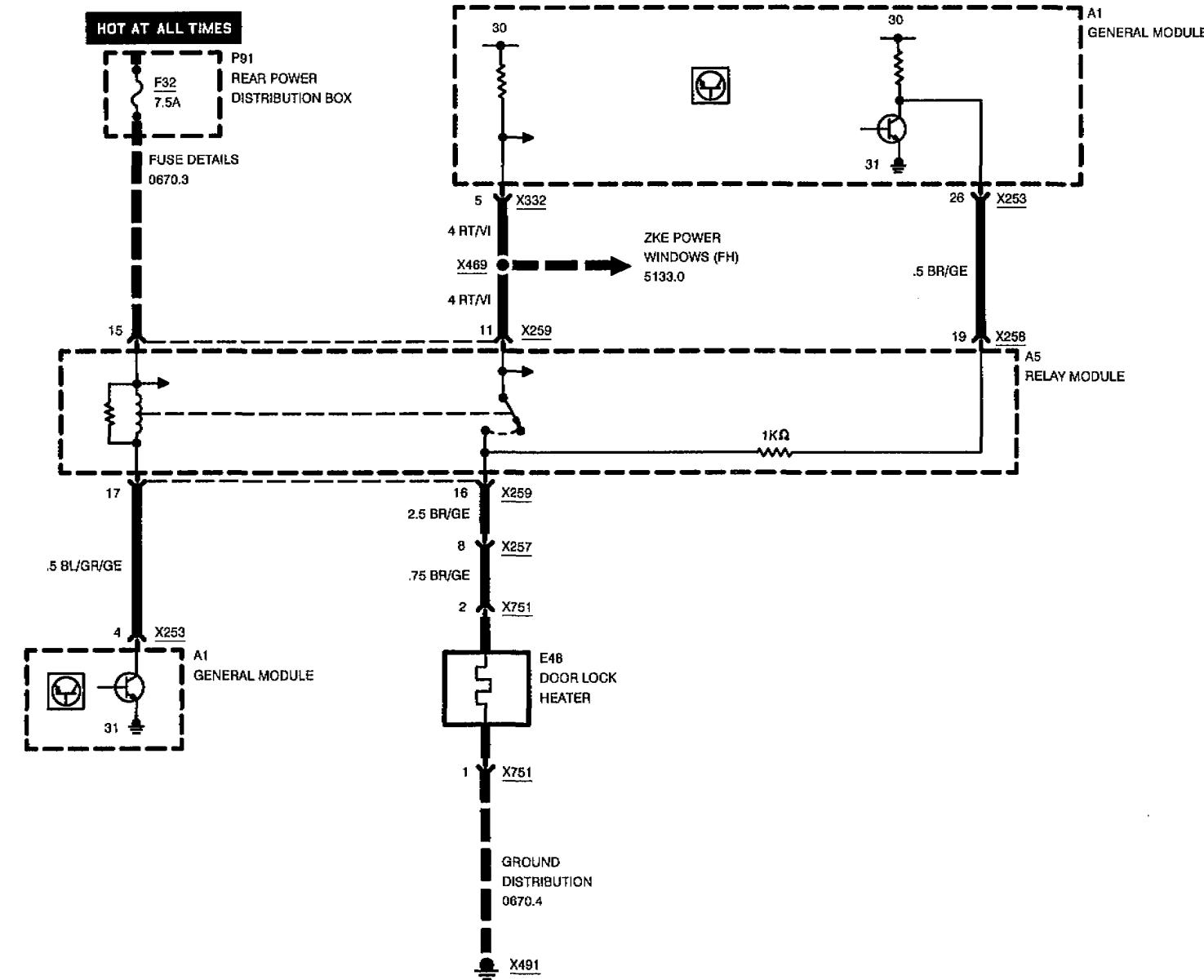
# ZKE DOOR LOCK HEATING (TSH)

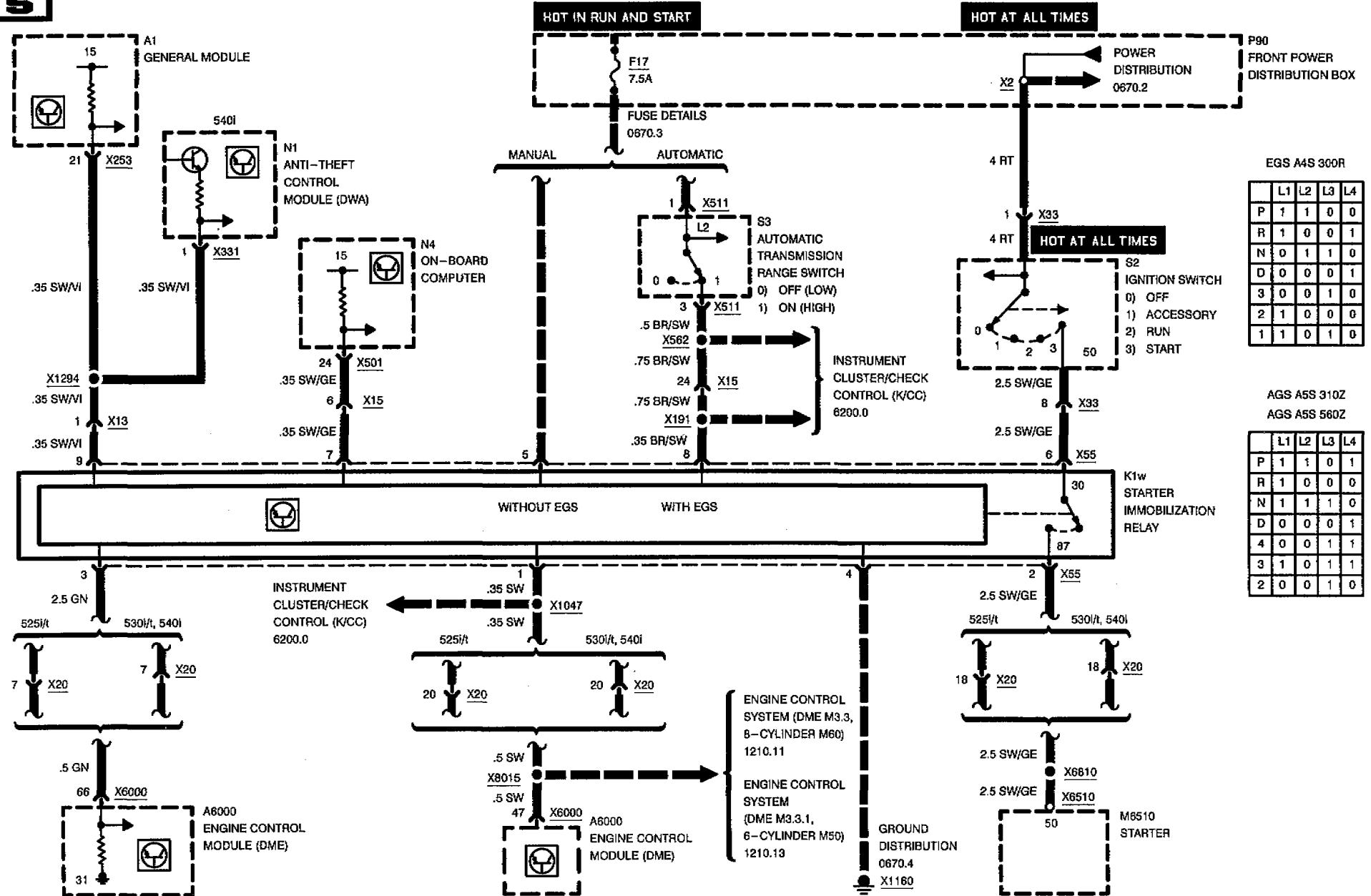
## INPUT DETAILS



# ZKE DOOR LOCK HEATING (TSH)

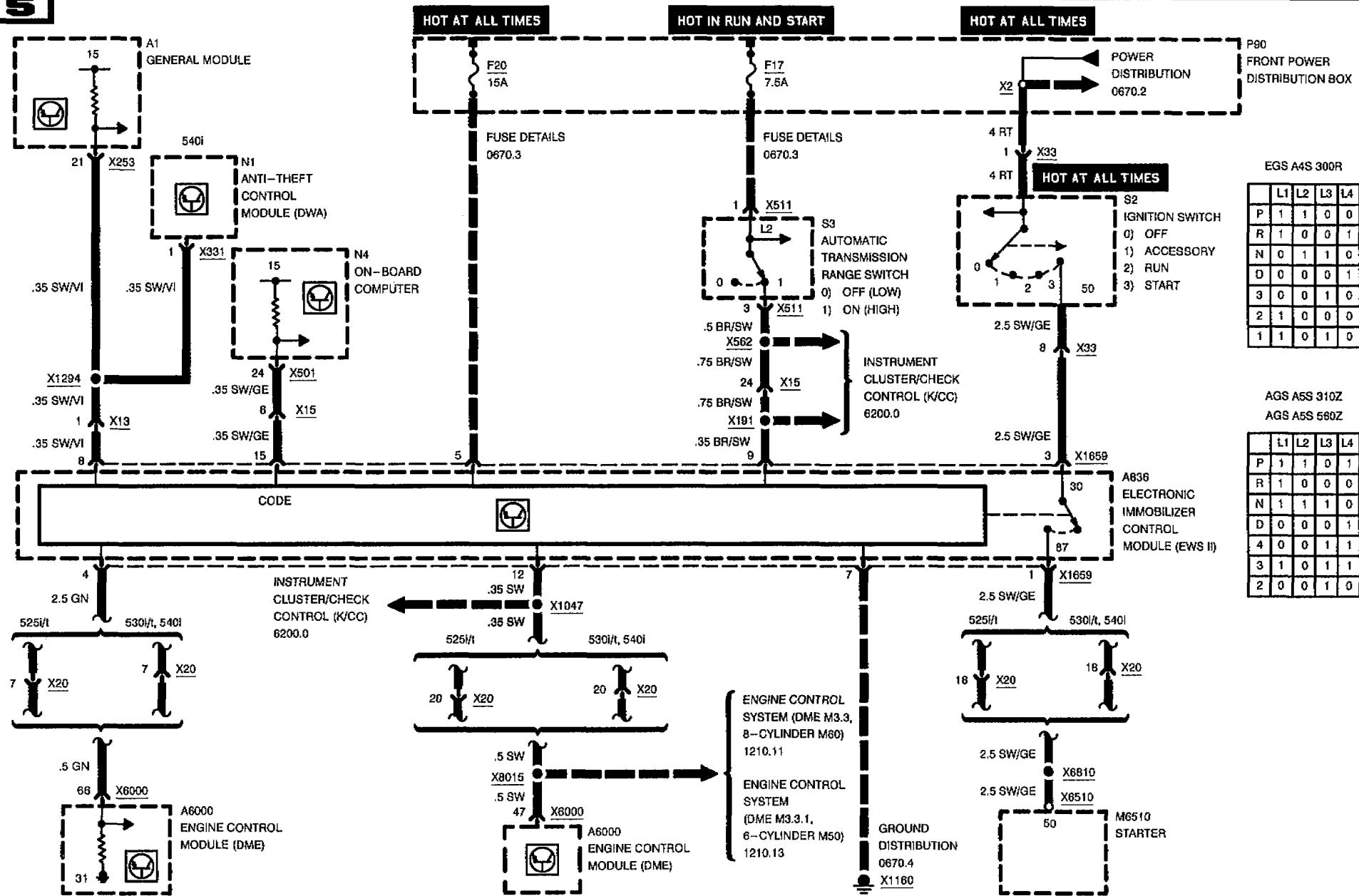
## OUTPUT DETAILS





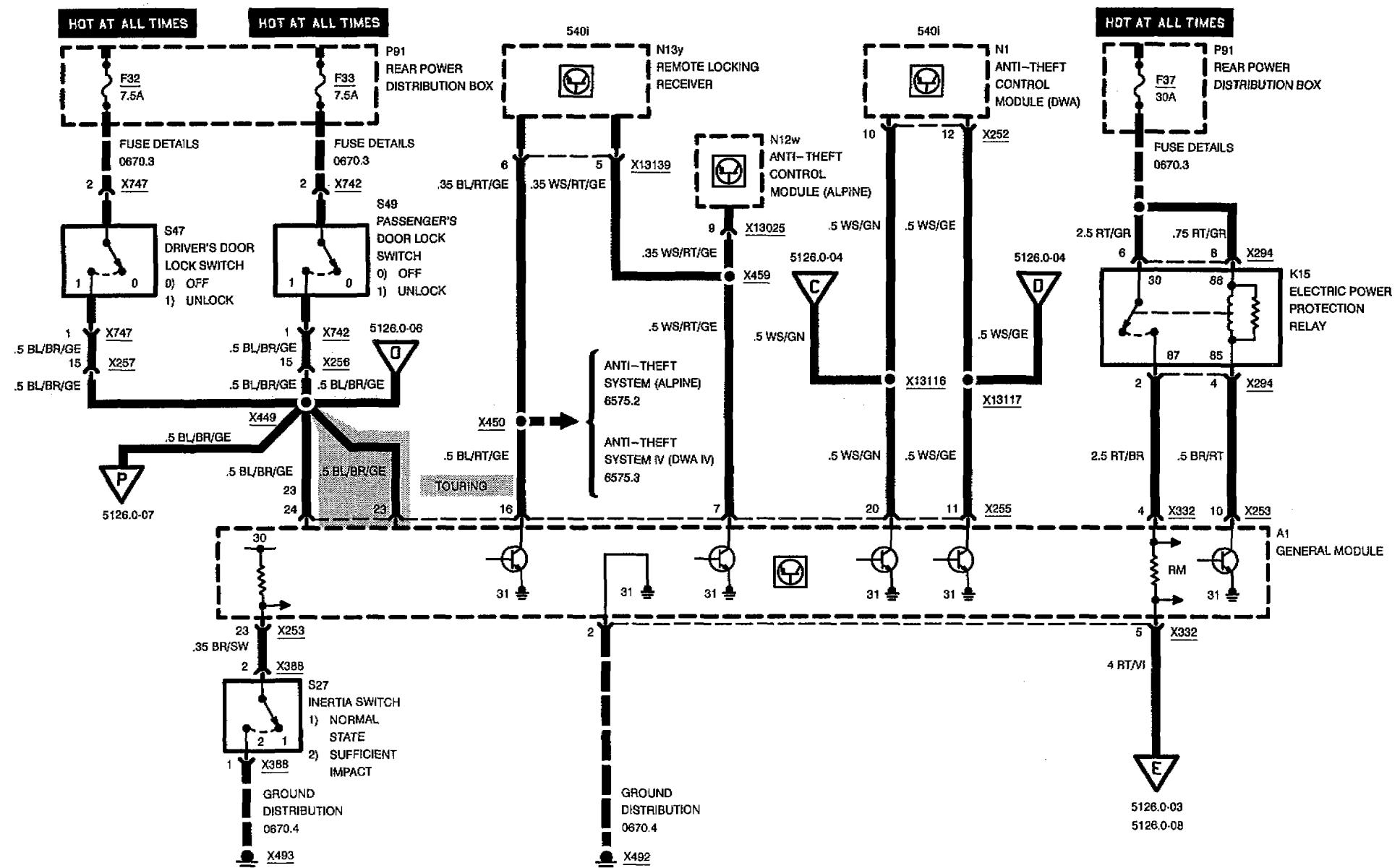
## ZKE CENTRAL LOCKING (ZV)

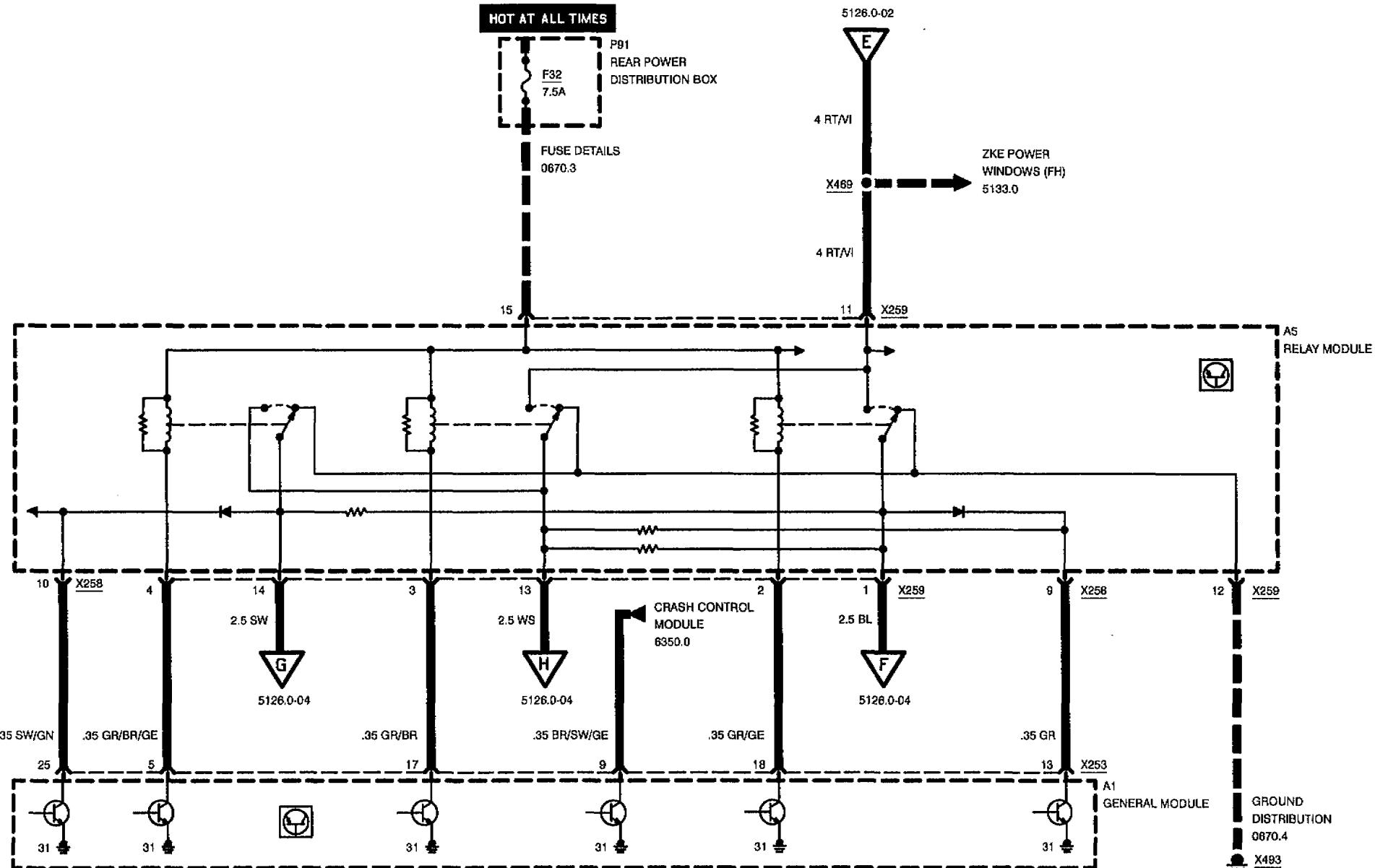
LATE PRODUCTION

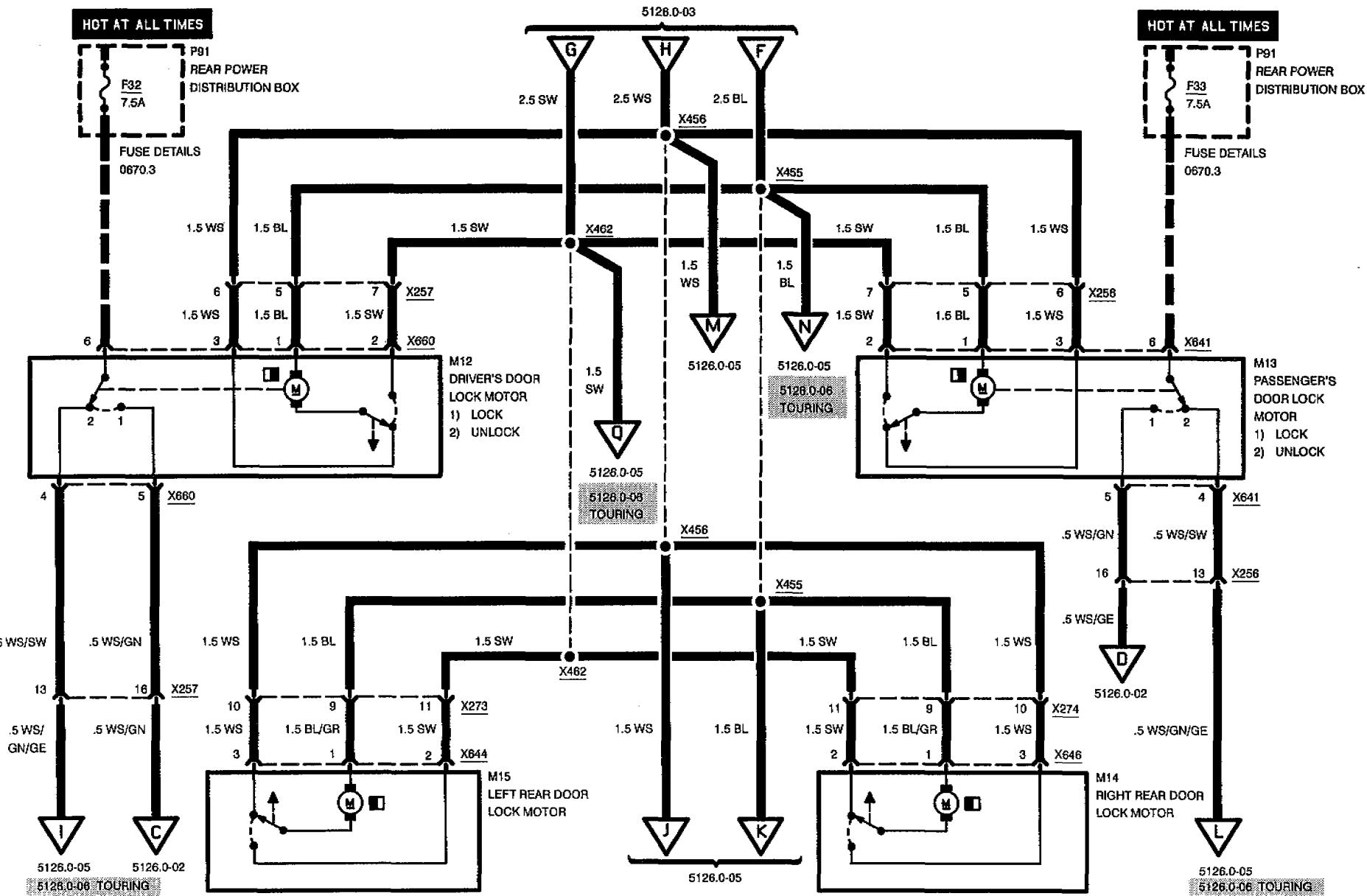


	L1	L2	L3	L4
P	1	1	0	0
R	1	0	0	1
N	0	1	1	0
D	0	0	0	1
3	0	0	1	0
2	1	0	0	0
1	1	0	1	0

	L1	L2	L3	L4
P	1	1	0	1
R	1	0	0	0
N	1	1	1	0
D	0	0	0	1
4	0	0	1	1
3	1	0	1	1
2	0	0	1	0









# ZKE CENTRAL LOCKING (ZV)

SEDAN

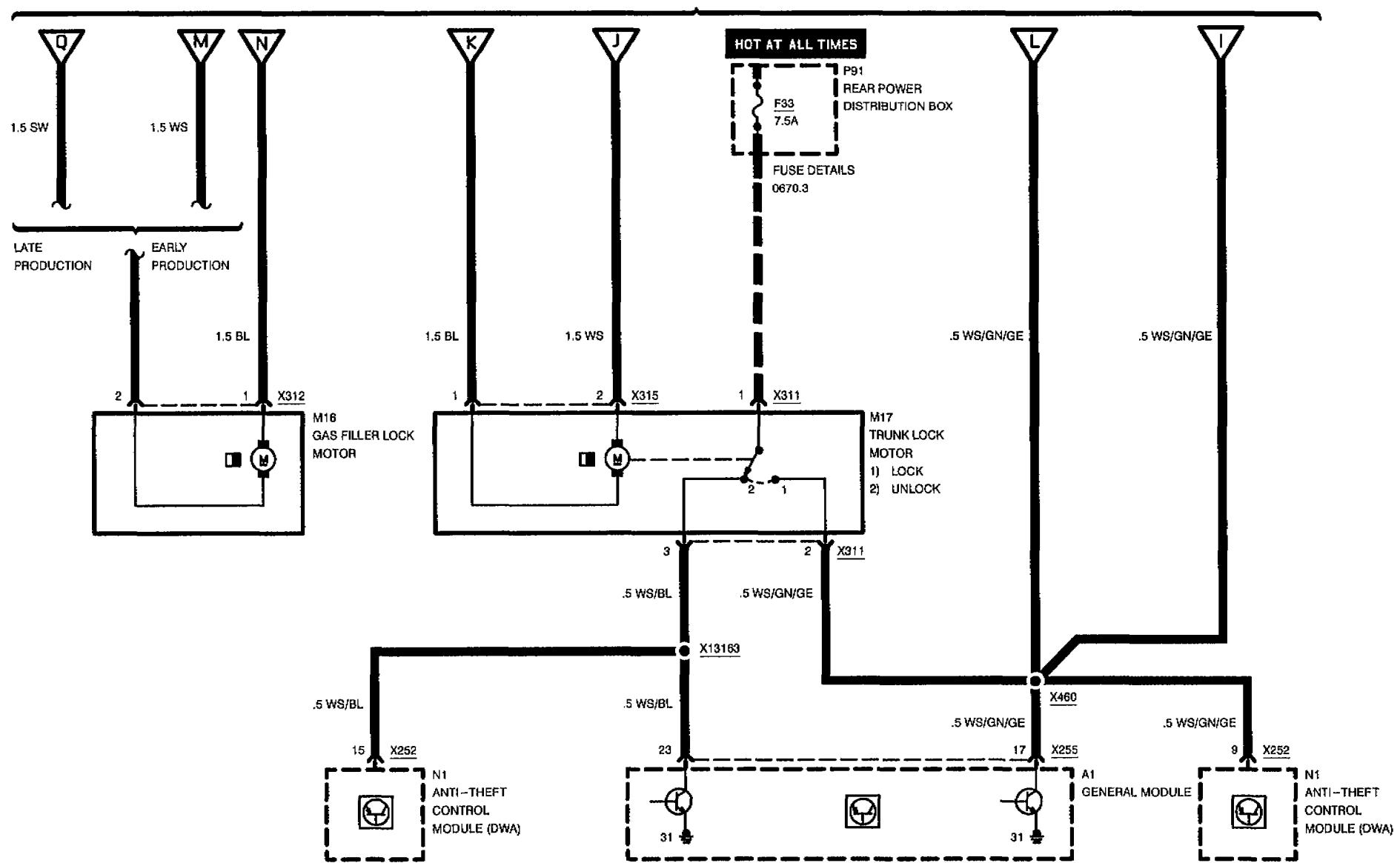
## OUTPUT DETAILS

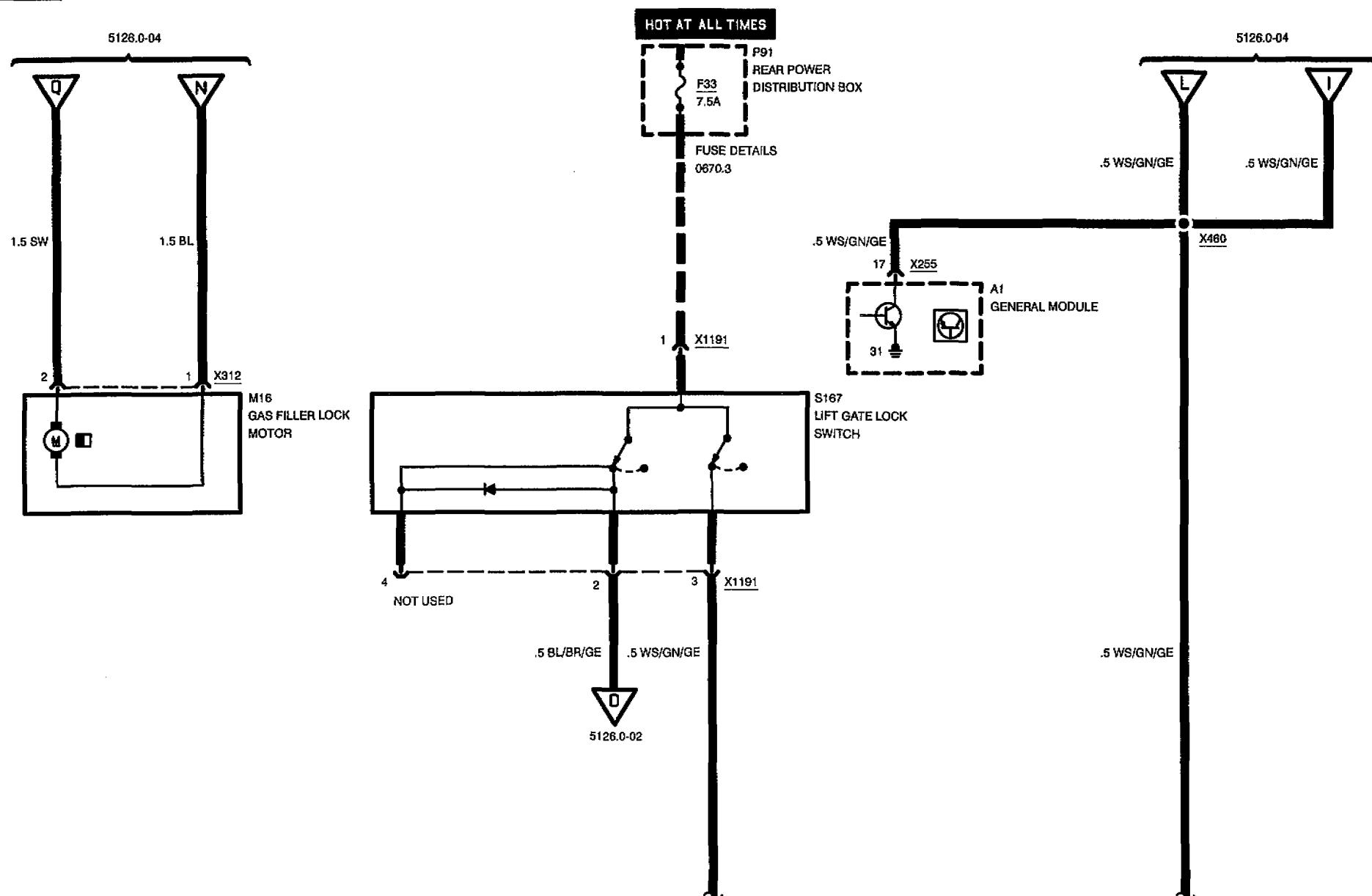
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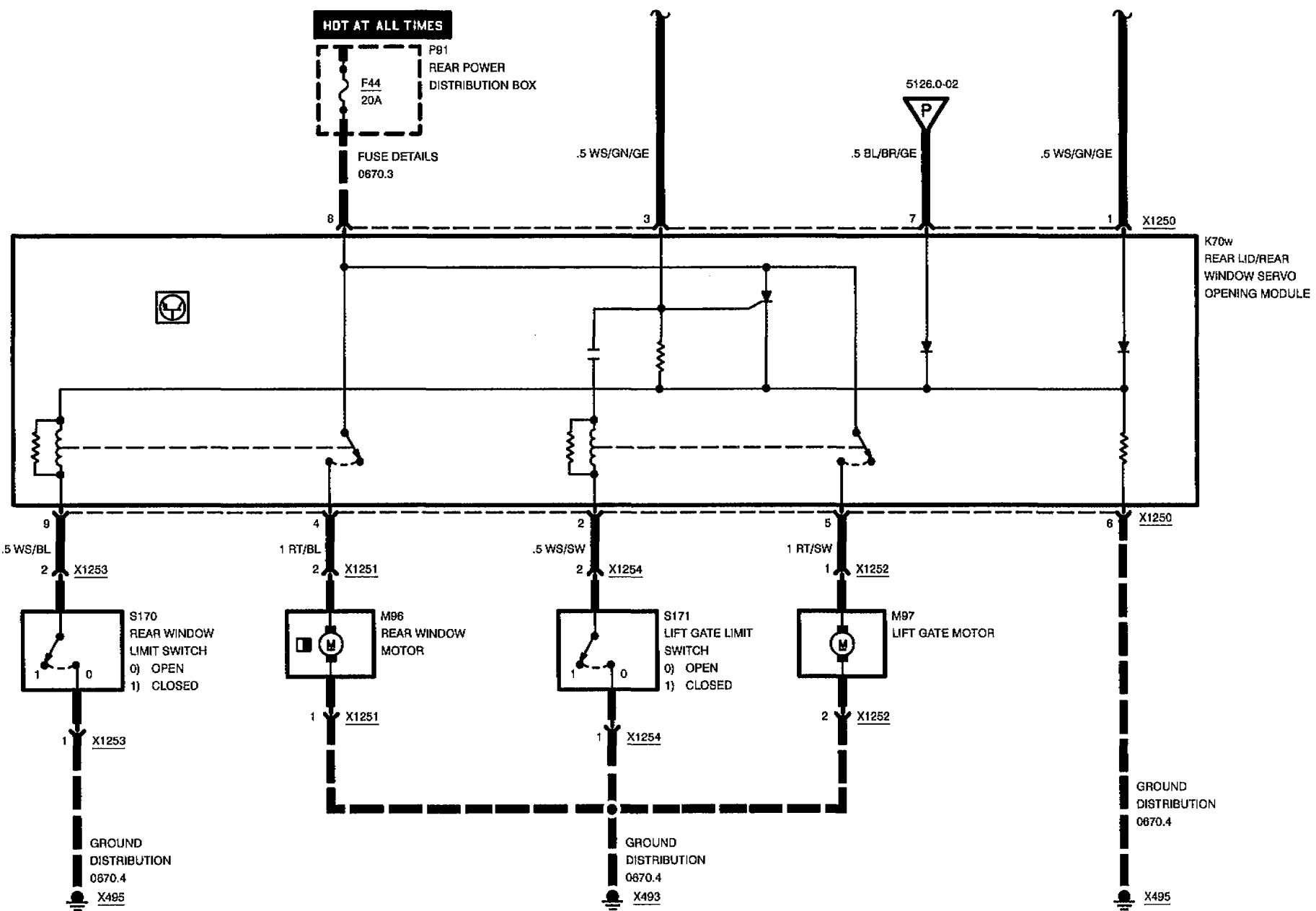
5126.0-05

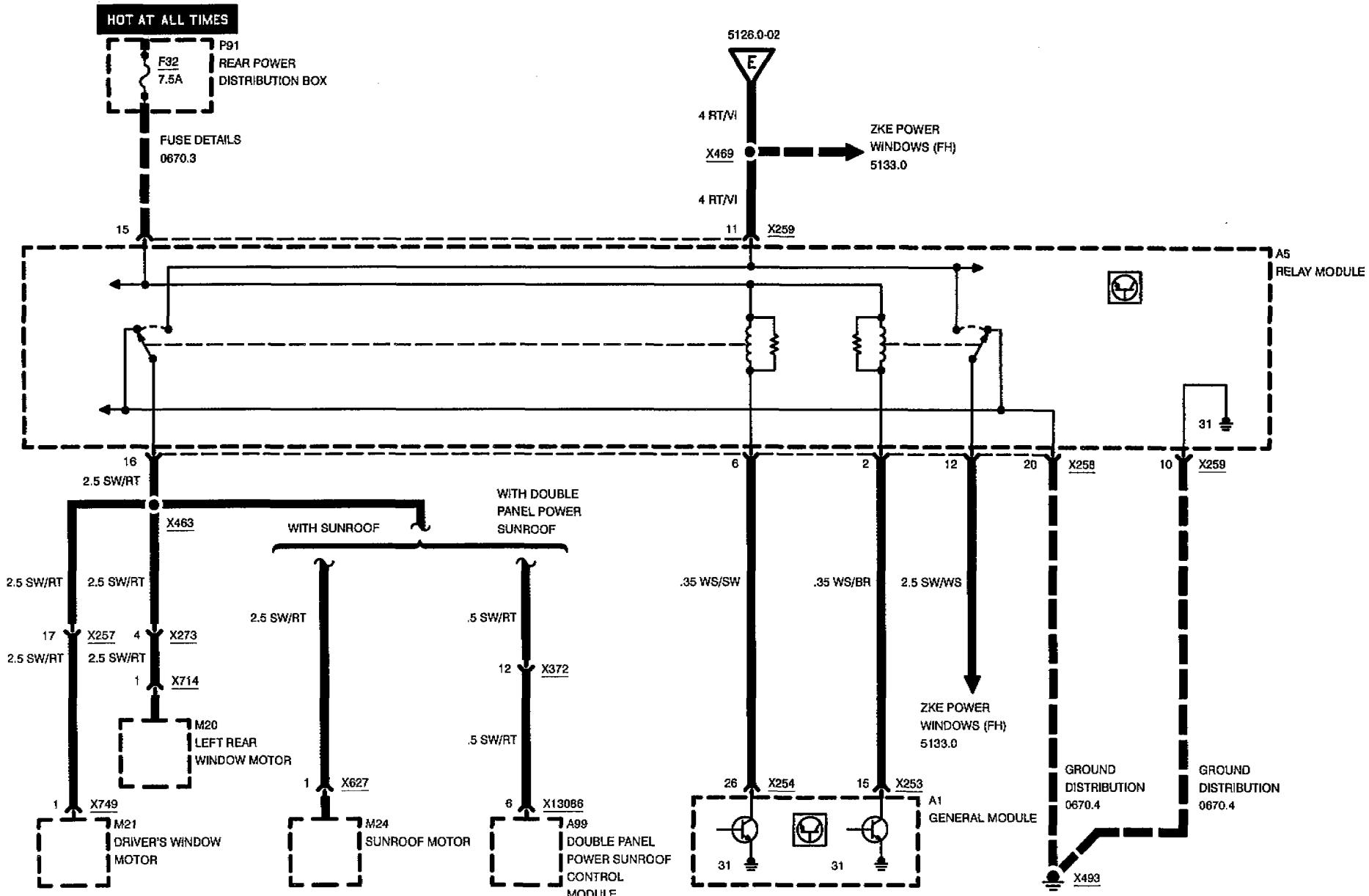
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5126.0-04





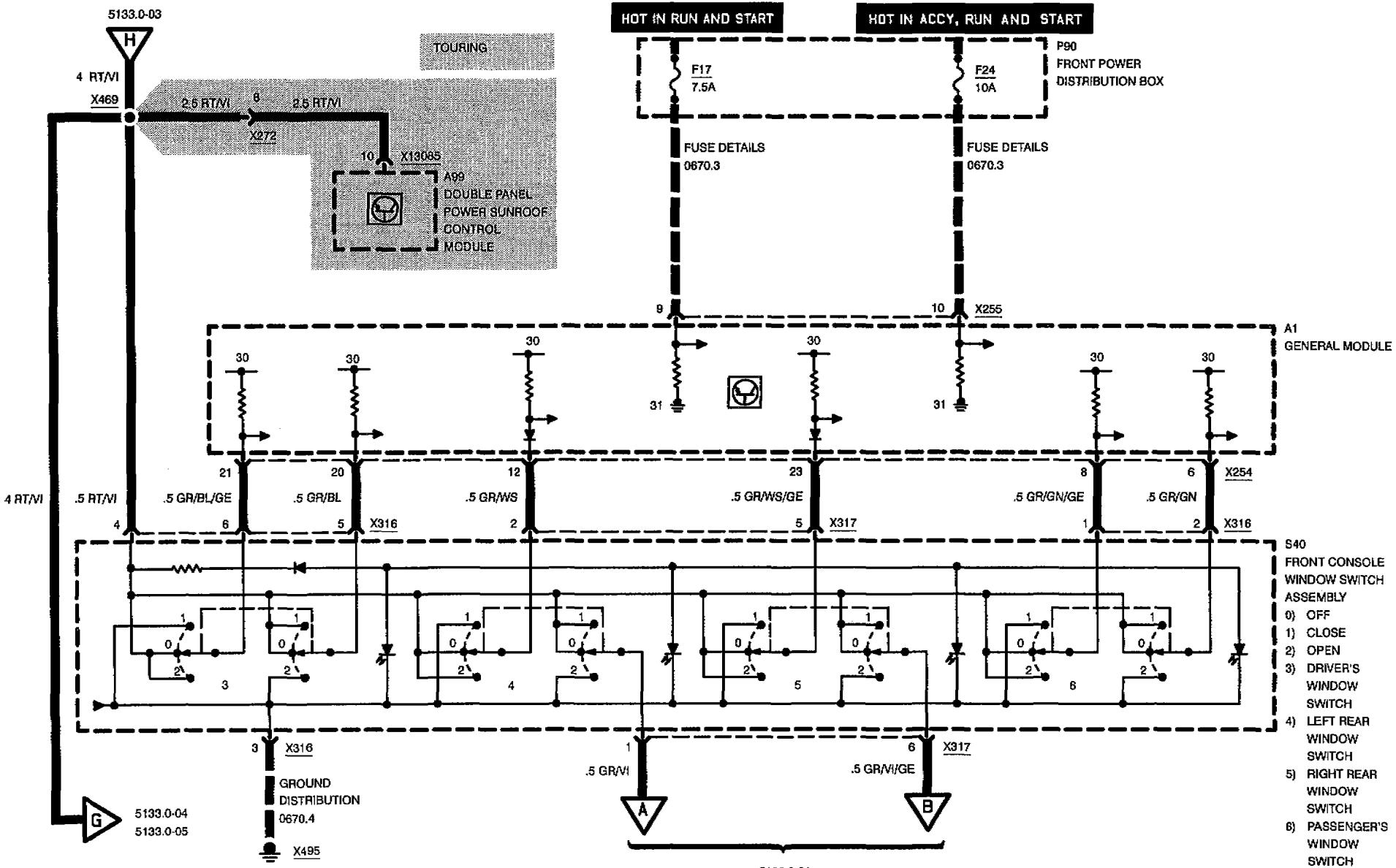


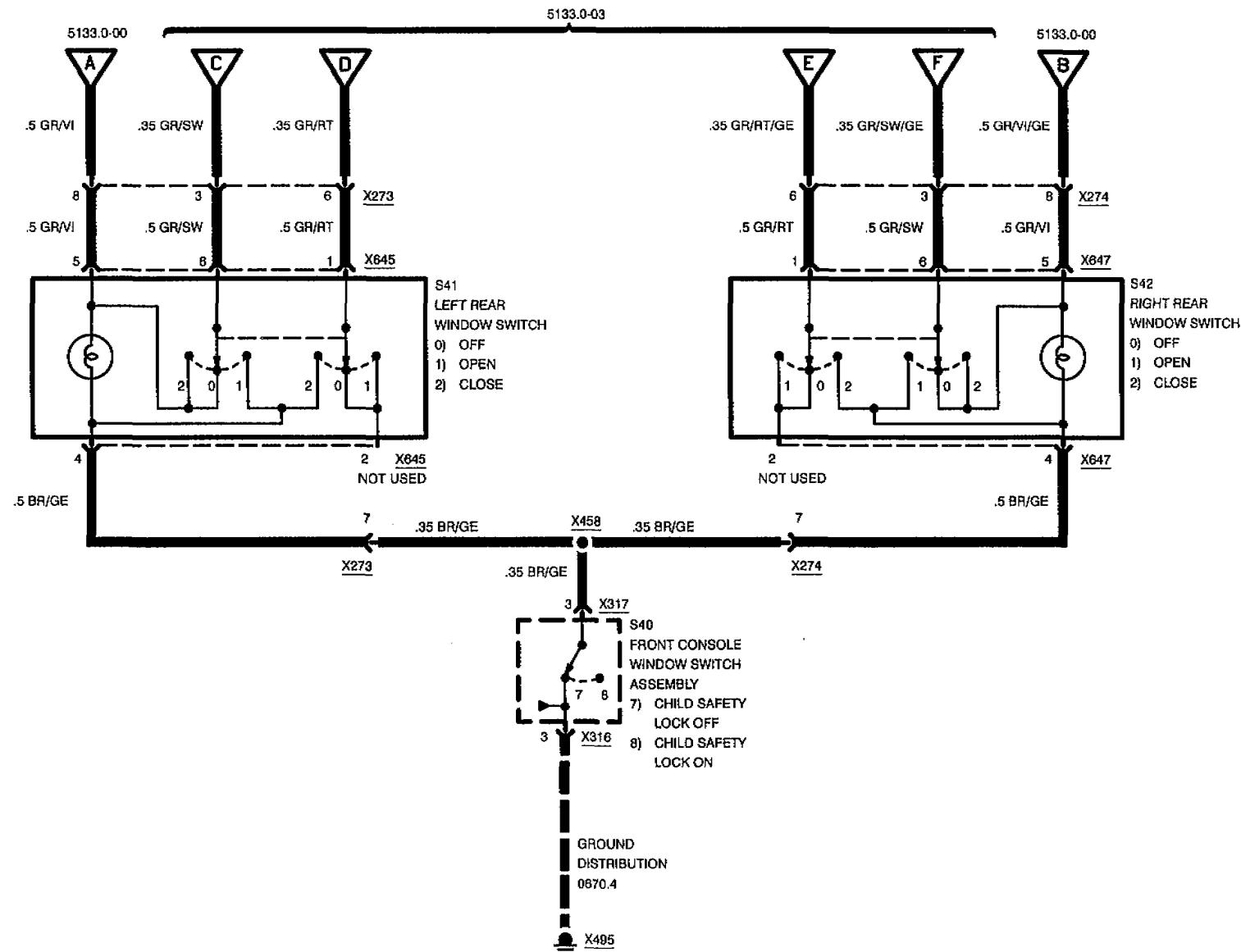


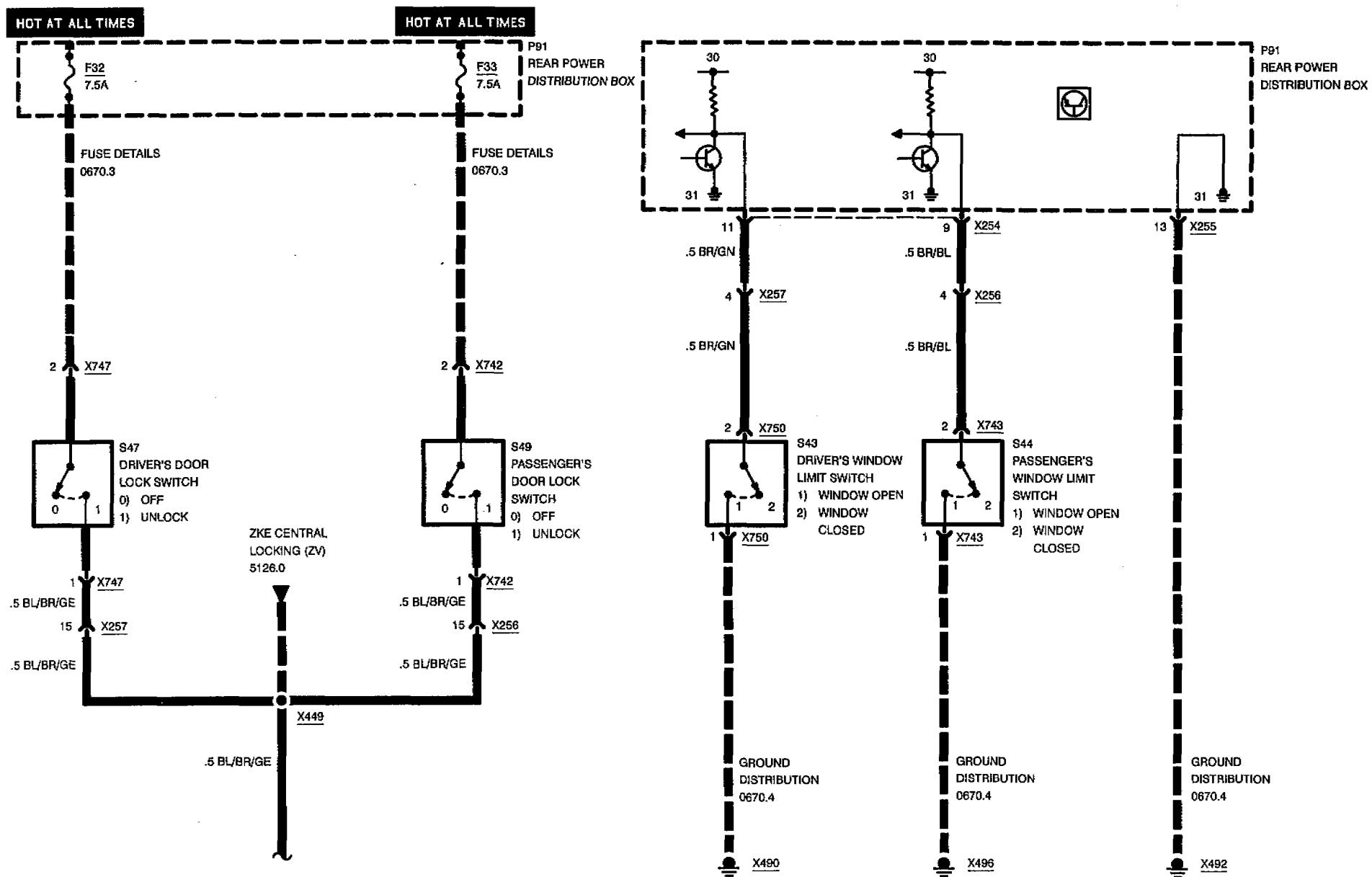
501\_351c51330

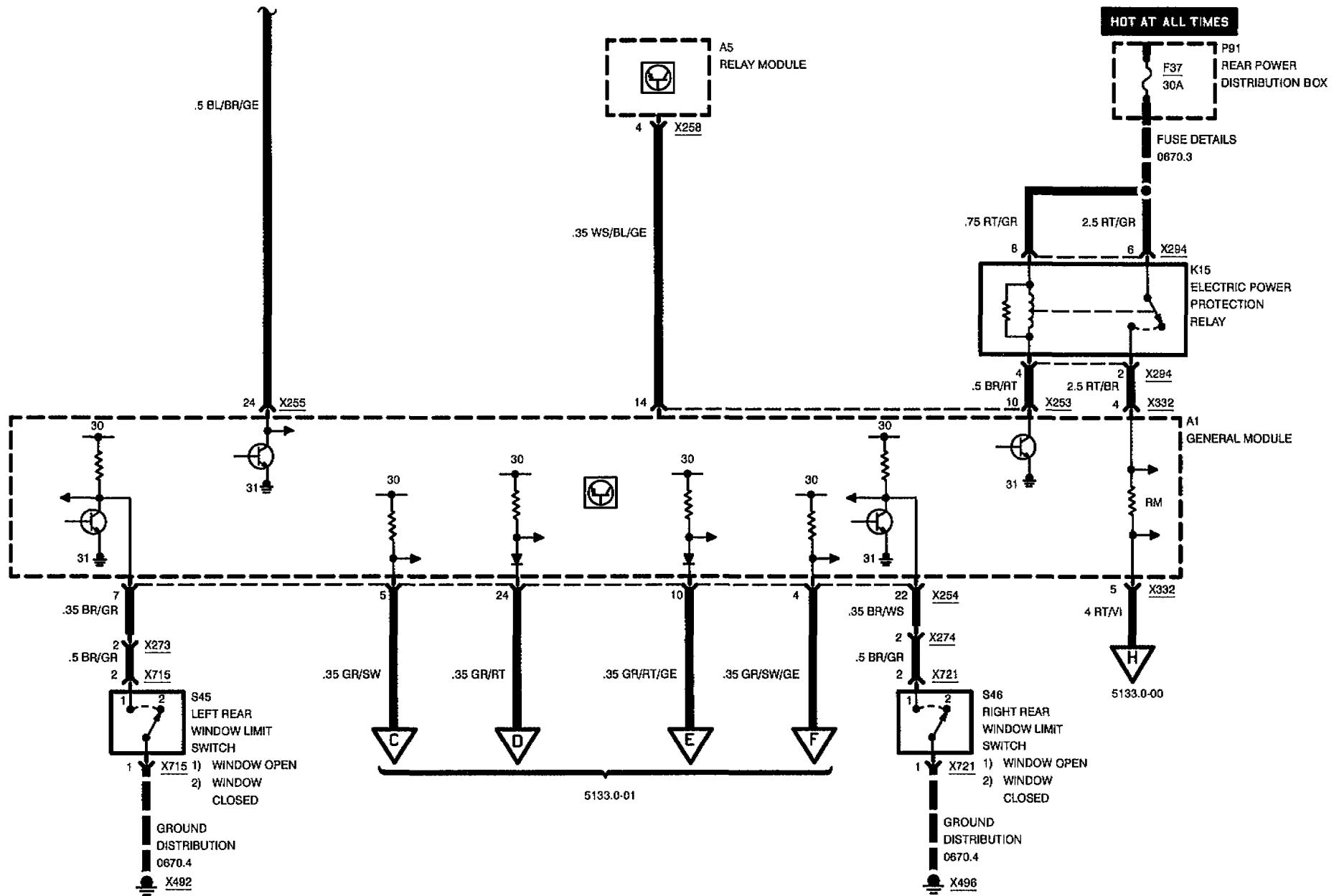


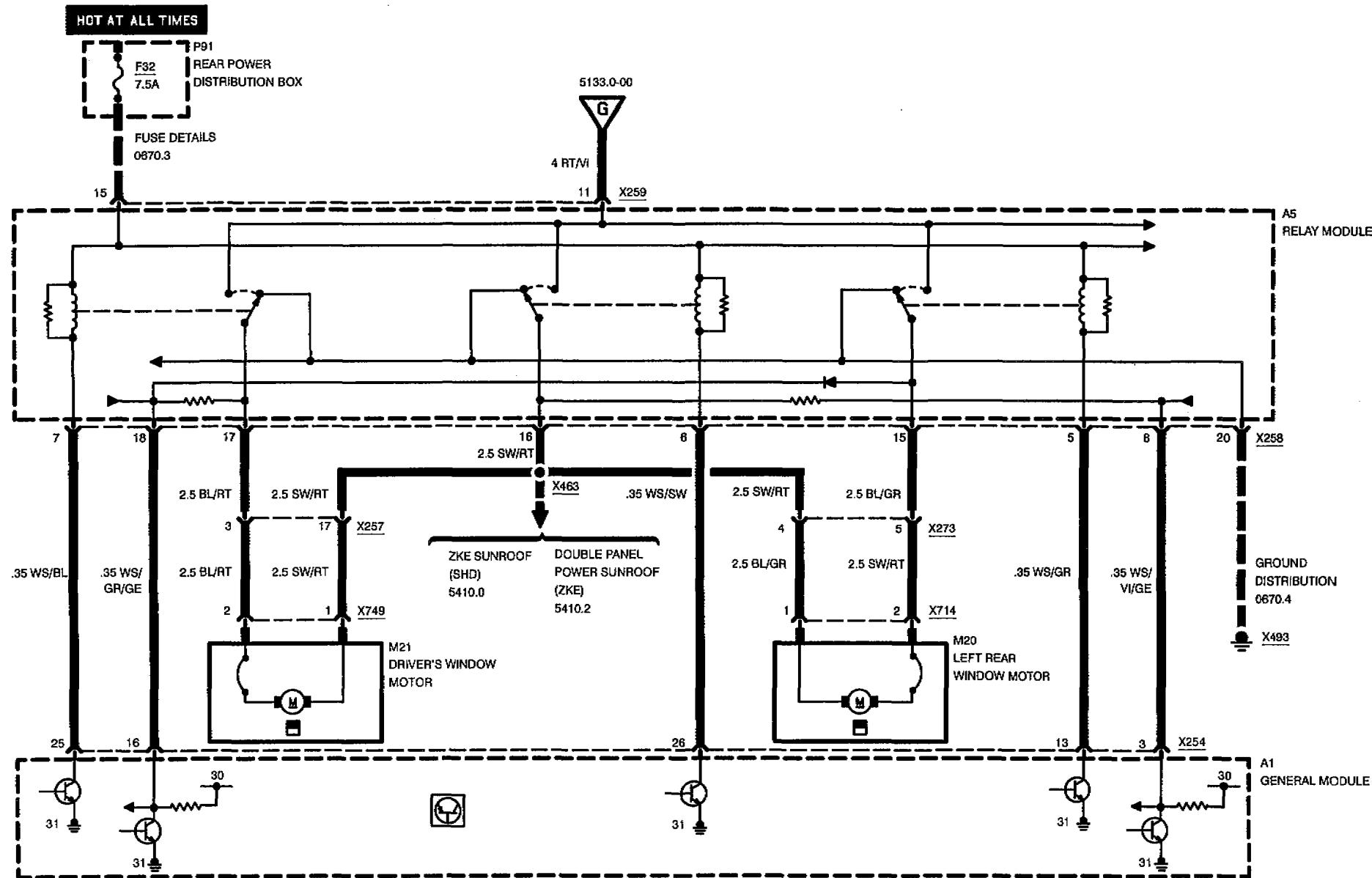
5133.0

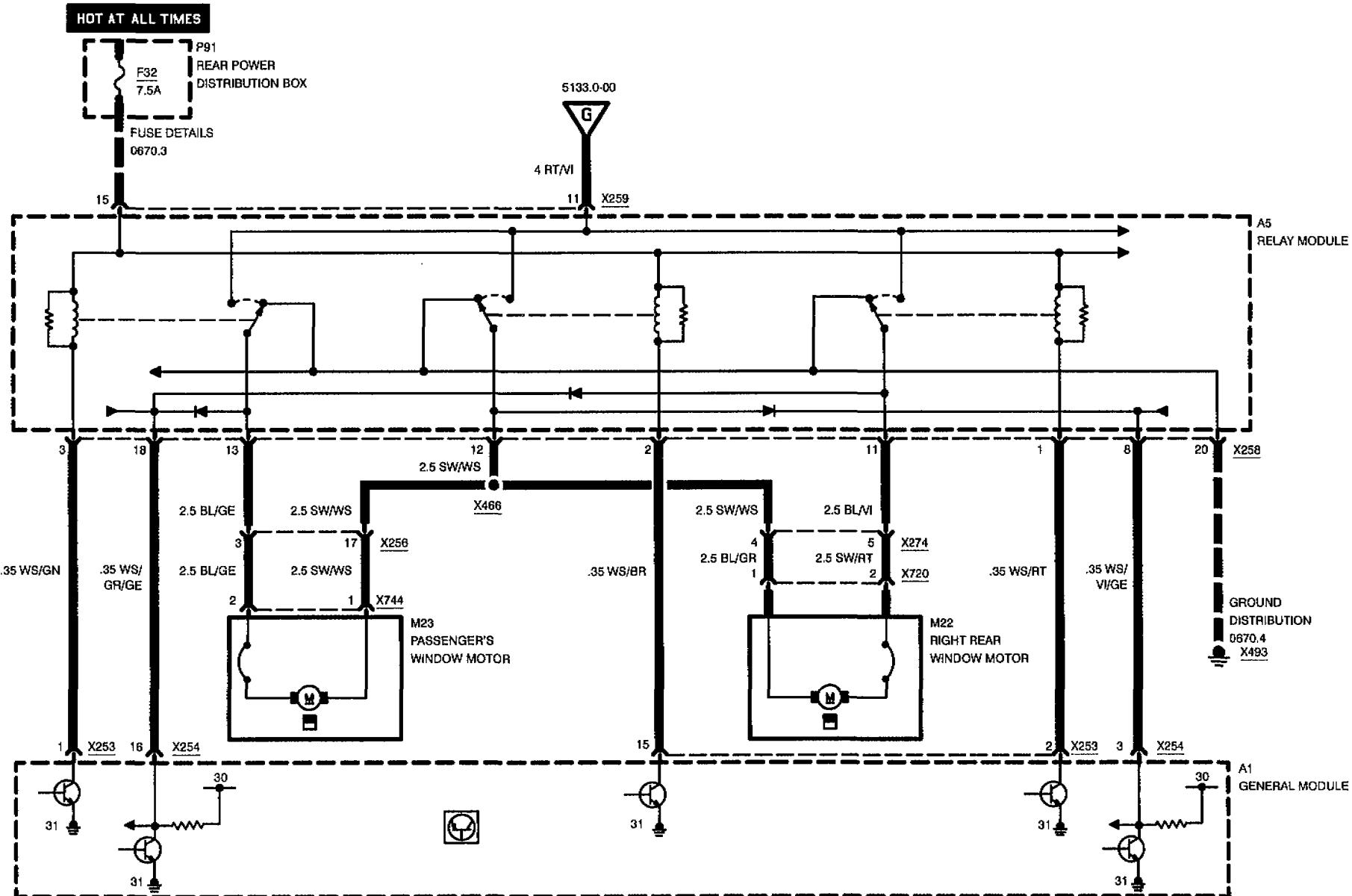














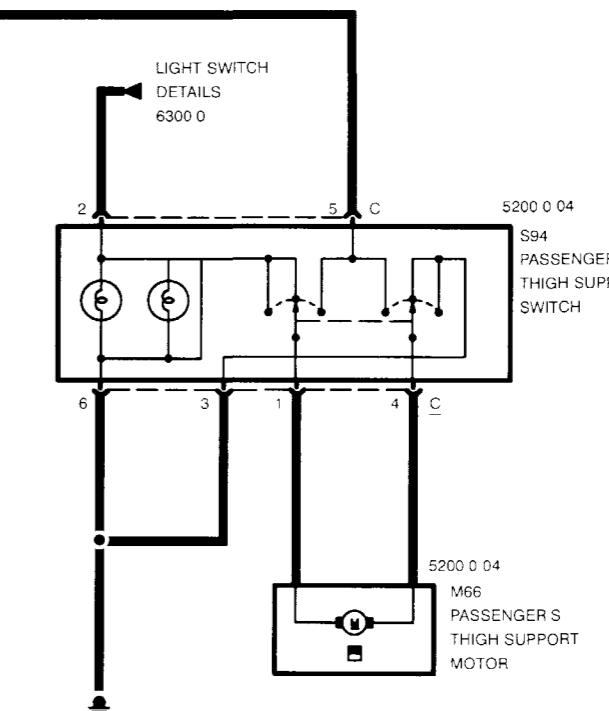
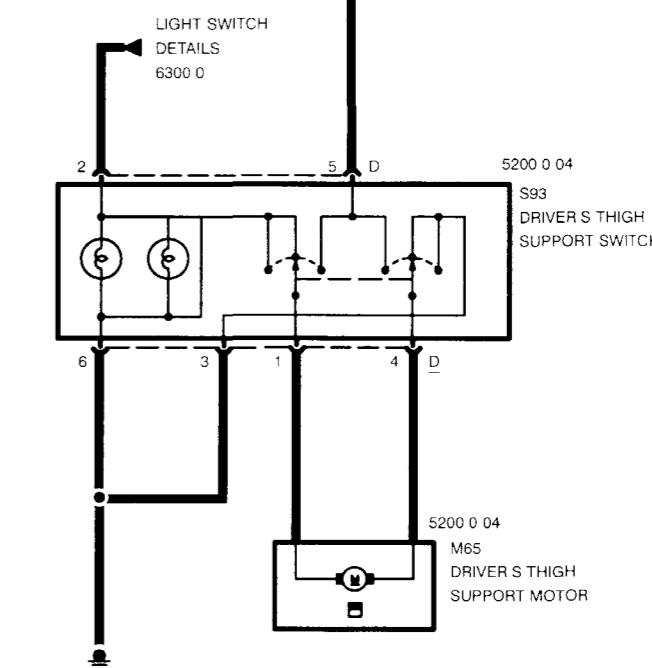
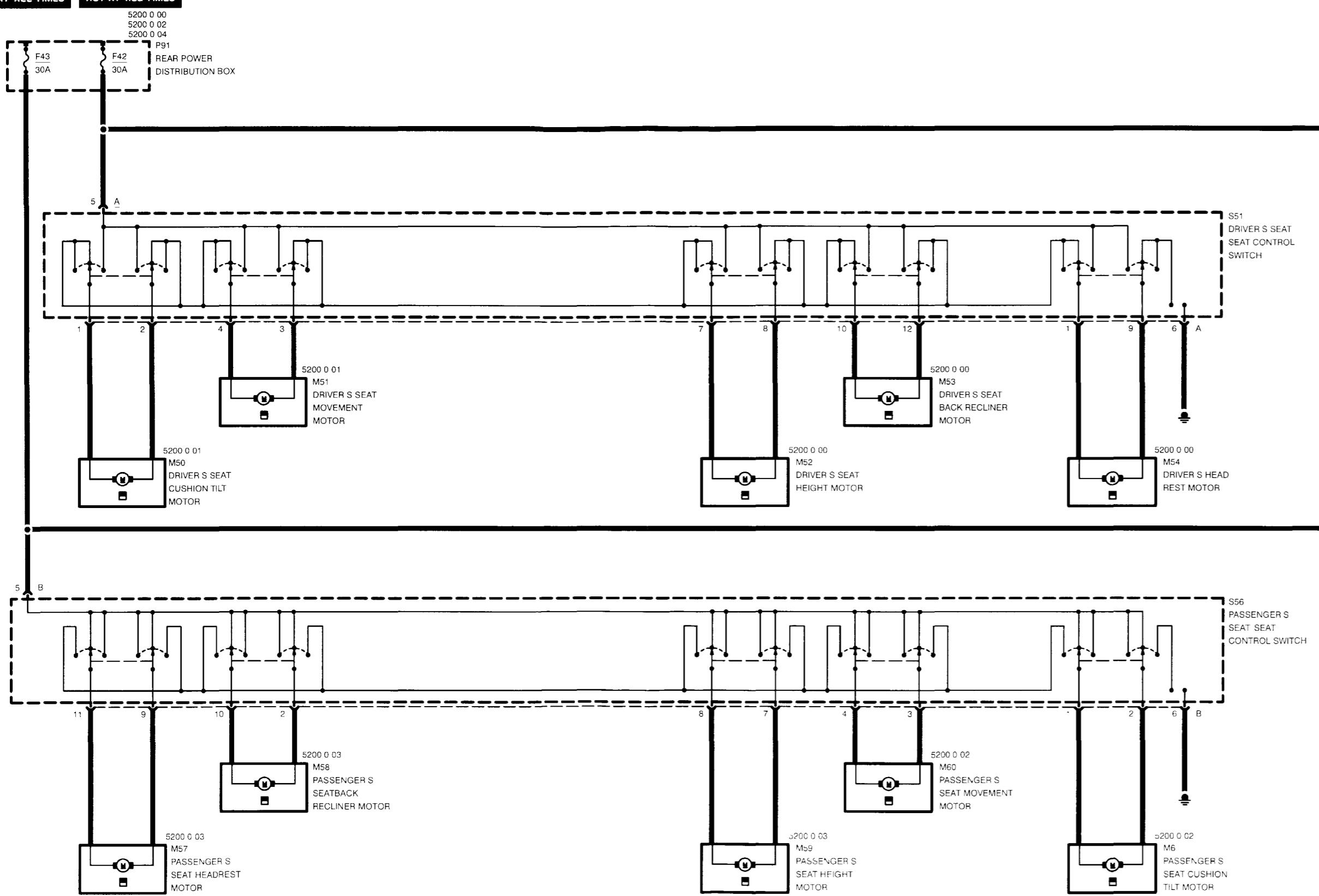
5133.0-06

02/97 ————— 5200 0 ————— 1995

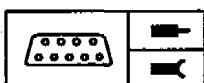
02/97 ————— 5200 0 ————— 1995

02/97 ————— 5200 0 ————— 1995

HOT AT ALL TIMES HOT AT ALL TIMES



A= X603  
B= X604  
C= X881  
D= X880



## Pin Assignments

A=X603	12 Pins, black
B=X604	12 Pins, black
C=X881	6 Pins, white
D=X880	6 Pins, black

### X603 (Driver) and X604 (Passenger)

Pin	Type	Description/Function	Connection
1	E/A	Seat cushion tilt control	Seat cushion tilt motor
2	E/A	Seat cushion tilt control	Seat cushion tilt motor
3	E/A	Seat cushion movement control	Seat movement motor
4	E/A	Seat cushion movement control	Seat movement motor
5	E	Battery voltage	Rear power distribution box
6	M	Ground	Ground point
7	E/A	Seat cushion height control	Seat height motor
8	E/A	Seat cushion height control	Seat height motor
9	E/A	Headrest control	Headrest motor
10	E/A	Recliner control	Seat back recliner motor
11	E/A	Headrest control	Headrest motor
12	E/A	Recliner control	Seat back recliner motor

### X880 (Driver) and X881 (Passenger)

Pin	Type	Description/Function	Connection
1	E/A	Thigh support control	Thigh support motor
2	E	Switch illumination	Light switch
3	M	Ground	Ground point
4	E/A	Thigh support control	Thigh support motor
5	E	Battery voltage	Rear power distribution box
6	M	Ground	Ground point

E = Input, A = Output, M = Ground



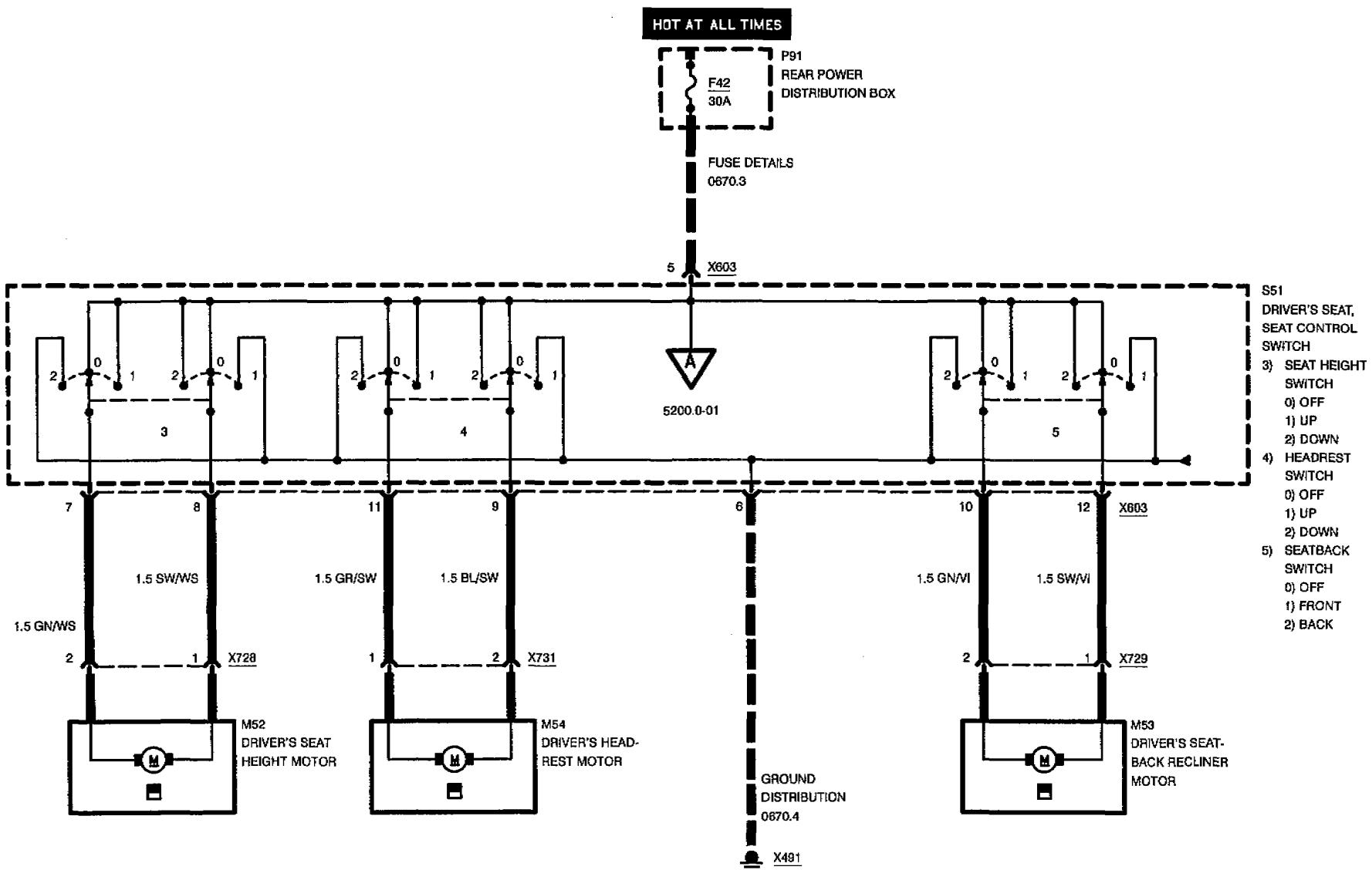
# POWER SEATS

## DRIVER'S SEAT

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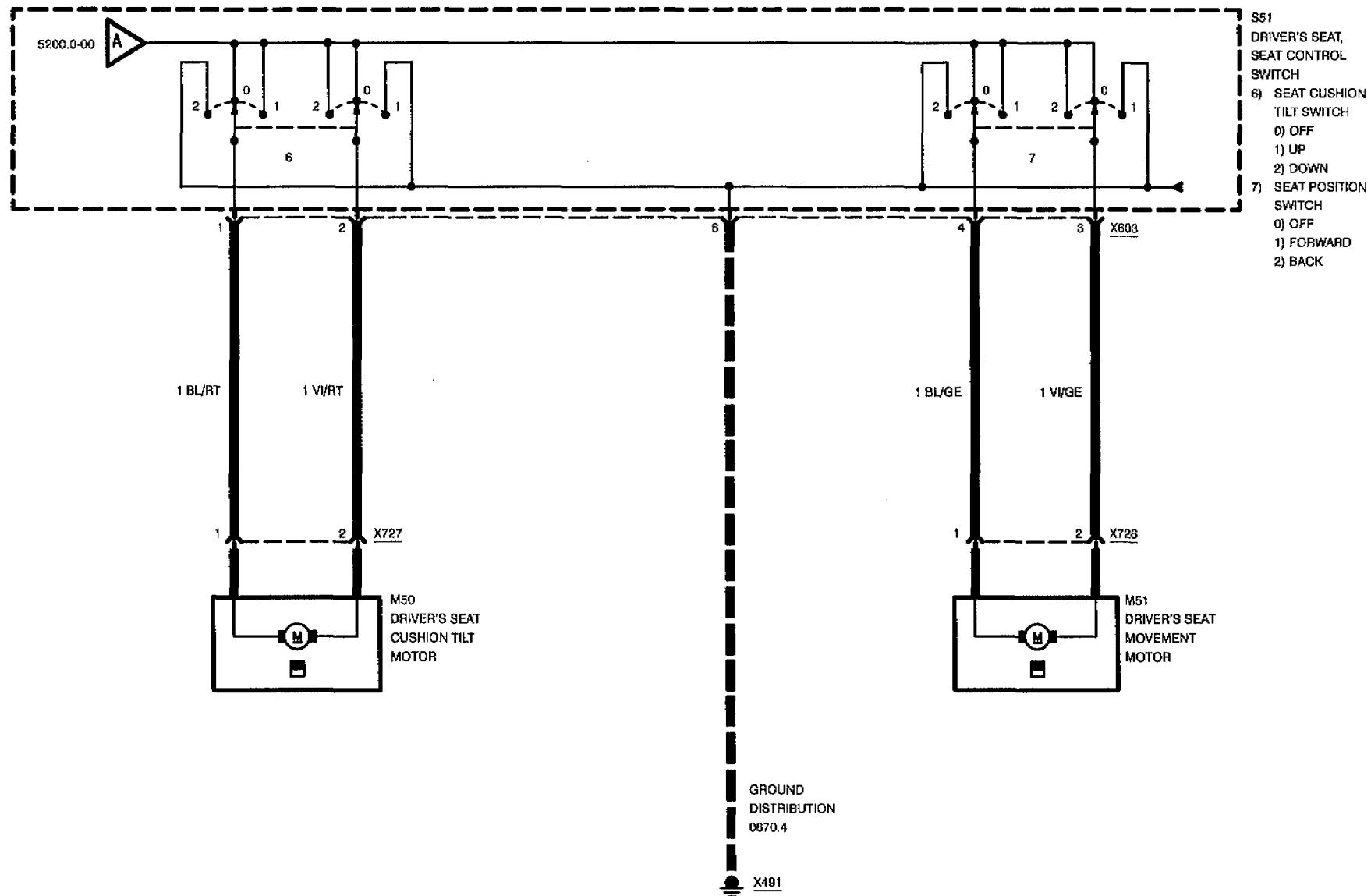
# POWER SEATS

## DRIVER'S SEAT

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5200.0-01

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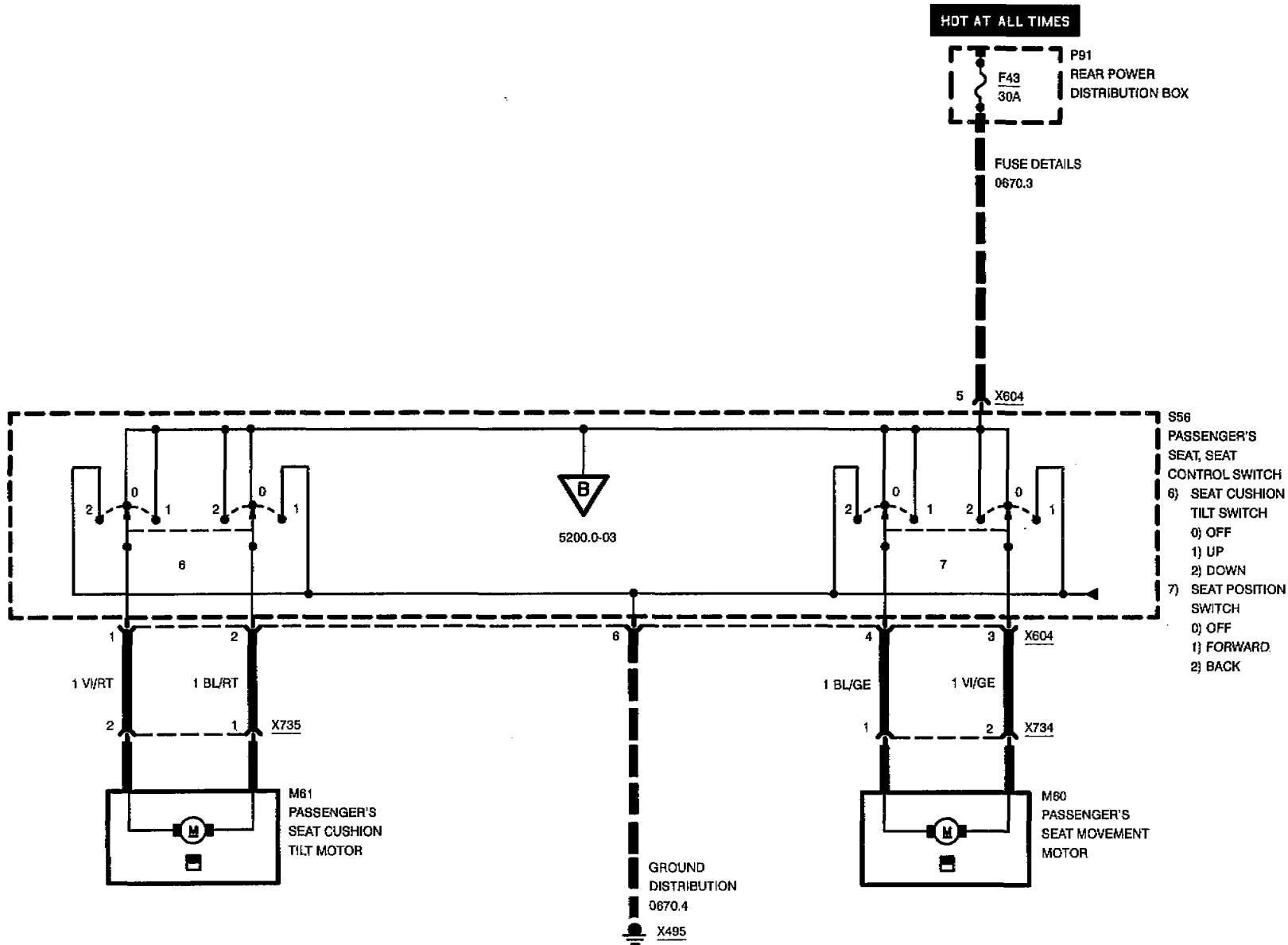
# POWER SEATS

## PASSENGER'S SEAT

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5200.0-02

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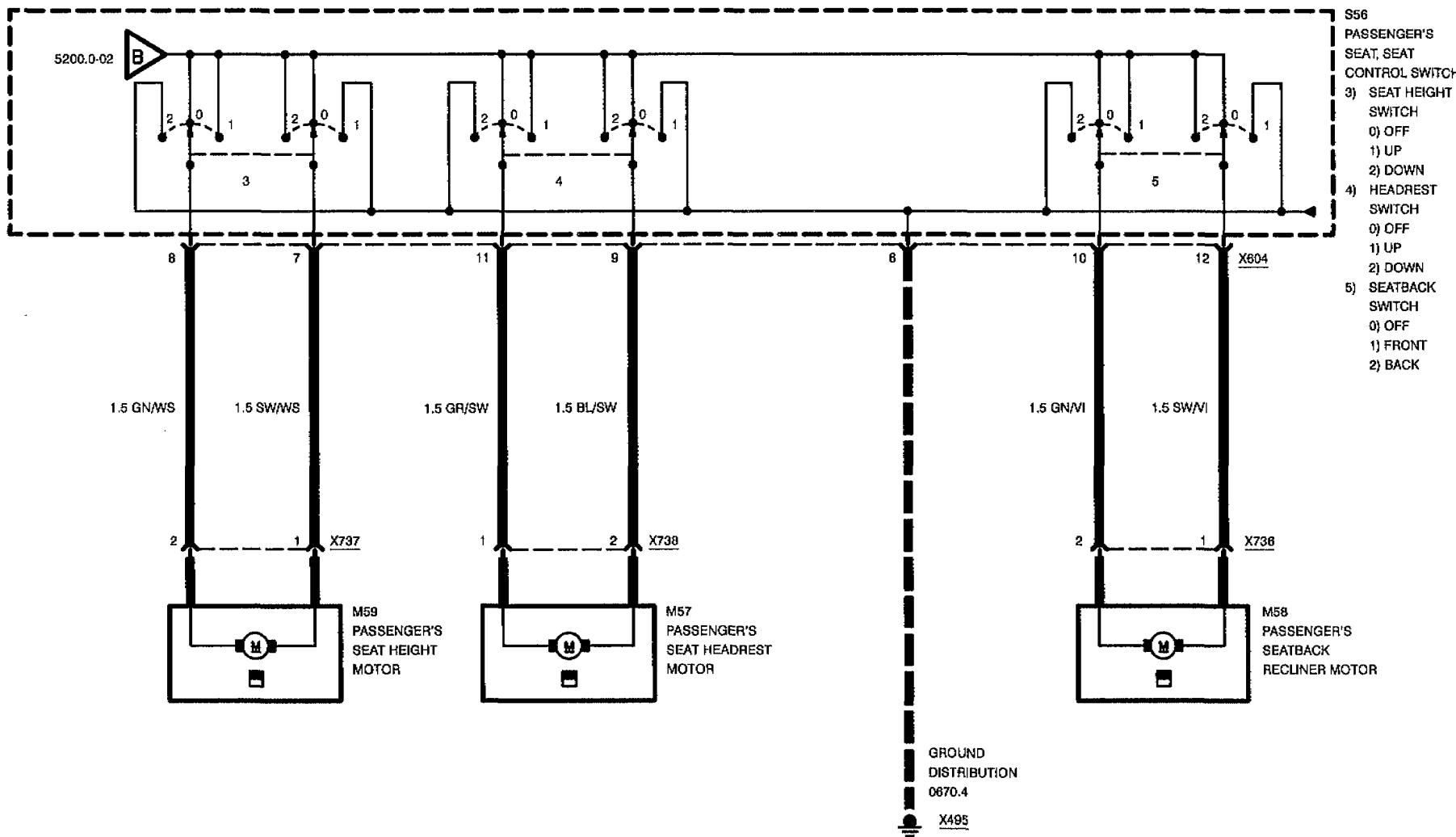
# POWER SEATS

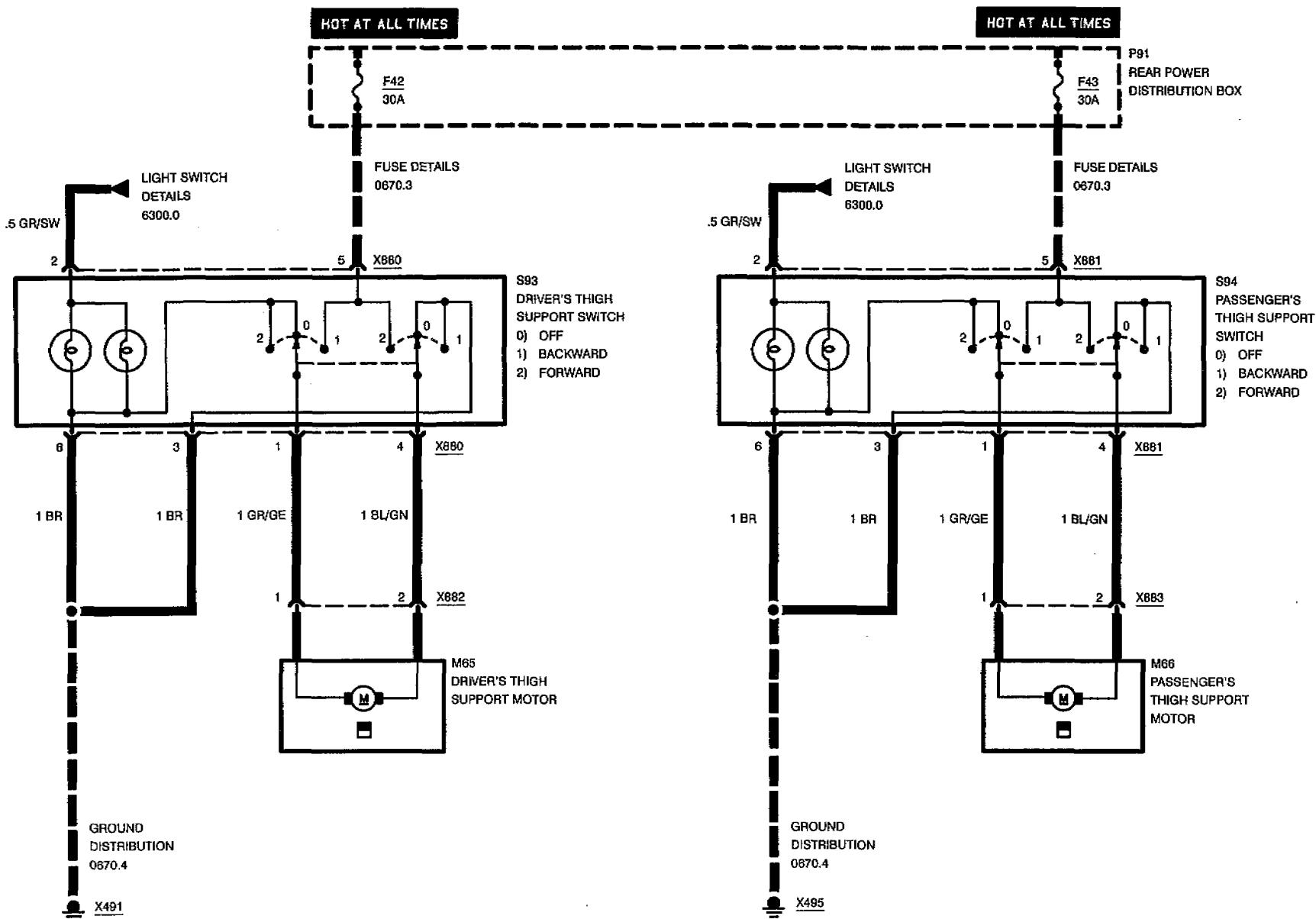
## PASSENGER'S SEAT

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5200.0-03

1995

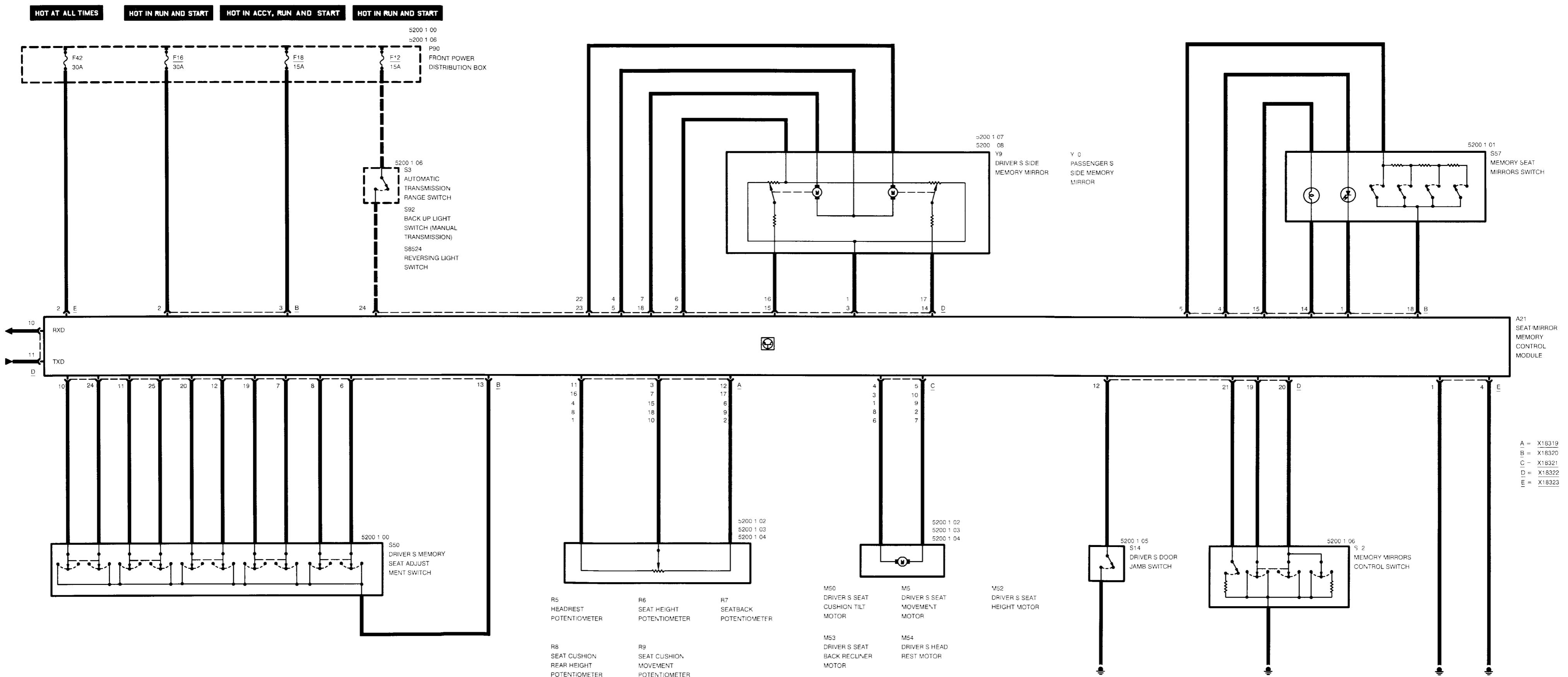


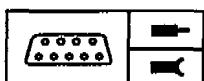


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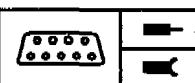


## Pin Assignments

A=X18319	18 Pins, black
B=X18320	26 Pins, natural
C=X18321	10 Pins, black
D=X18322	26 Pins, black
E=X18323	4 Pins, black

### X18319

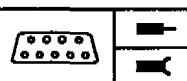
Pin	Type	Description/Function	Connection
1	A	Potentiometer voltage	Seat back potentiometer, driver's
2	M	Ground	Seat back potentiometer, driver's
3	E	Headrest position signal	Headrest potentiometer, driver's
4	A	Potentiometer voltage	Seat height potentiometer, driver's
5		Not used	
6	M	Ground	Seat height potentiometer, driver's
7	E	Seat rear height signal	Seat rear height potentiometer, driver's
8	A	Potentiometer voltage	Seat potentiometer, driver's
9	M	Ground	Seat potentiometer, driver's
10	E	Seat back position signal	Seat back potentiometer, driver's
11	A	Potentiometer voltage	Headrest potentiometer, driver's
12	M	Ground	Headrest potentiometer, driver's
13		Not used	
14		Not used	
15	E	Seat height position signal	Seat height potentiometer, driver's
16	A	Potentiometer voltage	Seat rear height potentiometer, driver's
17	M	Ground	Seat rear height potentiometer, driver's
18	E	Seat cushion position signal	Seat potentiometer, driver's



## Pin Assignments

X18320

Pin	Type	Description/Function	Connection
1	A	Memory seat/mirrors switch LED (+)	Memory seat/mirrors switch
2	E	Voltage supply (terminal 15)	Front power distribution box
3	E	Voltage supply (terminal R)	Front power distribution box
4	A	Memory seat/mirrors switch LED (-)	Memory seat/mirrors switch
5	A	Voltage supply for memory seat/mirrors switch	Memory seat/mirrors switch
6	E	Backrest, back	Seat control switch, driver's seat
7	E	Headrest, up	Seat control switch, driver's seat
8	E	Backrest, forward	Seat control switch, driver's seat
9		Not used	
10	E	Seat movement, back	Seat control switch, driver's seat
11	E	Tilt, up	Seat control switch, driver's seat
12	E	Height, down	Seat control switch, driver's seat
13	M	Ground	Seat control switch, driver's seat
14	A	Switch illumination (-)	Memory seat/mirrors switch
15	A	Switch illumination (+)	Memory seat/mirrors switch
16		Not used	
17		Not used	
18	E	Memory seat/mirrors switch signal	Memory seat/mirrors switch
19	E	Headrest, down	Seat control switch, driver's seat
20	E	Height, up	Seat control switch, driver's seat
21		Not used	
22		Not used	
23		Not used	
24	E	Seat movement, back	Seat control switch, driver's seat
25	E	Tilt, down	Seat control switch, driver's seat
26		Not used	



## Pin Assignments

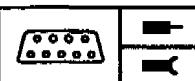
### X18321

Pin	Type	Description/Function	Connection
1	E/A	Motor voltage/ground	Seat movement motor, driver's
2	E/A	Motor voltage/ground	Headrest motor, driver's
3	E/A	Motor voltage/ground	Seat back recliner motor, driver's
4	E/A	Motor voltage/ground	Seat cushion tilt motor, driver's
5	E/A	Motor voltage/ground	Seat cushion tilt motor, driver's
6	E/A	Motor voltage/ground	Seat height motor, driver's
7	E/A	Motor voltage/ground	Seat height motor, driver's
8	E/A	Motor voltage/ground	Headrest motor, driver's
9	E/A	Motor voltage/ground	Seat movement motor, driver's
10	E/A	Motor voltage/ground	Seat back recliner motor, driver's

### X18322

Pin	Type	Description/Function	Connection
1	M	Position potentiometer	Memory mirror, passenger's side
2	A	Position potentiometer	Memory mirror, driver's side
3	M	Position potentiometer	Memory mirror, driver's side
4	E/A	Mirror adjustment motor horizontal/vertikal	Memory mirror, driver's side
5	E/A	Mirror adjustment motor horizontal/vertikal	Memory mirror, passenger's side
6	A	Position potentiometer	Memory mirror, passenger's side
7	E/A	Mirror adjustment motor, vertical	Memory mirror, driver's side
8		Not used	
9		Not used	
10	A	RxD diagnostic data link	Data link connector
11	E/A	TxD diagnostic data link	Data link connector
12	E	Driver's door status	Door jamb switch, driver's
13		Not used	
14	E	Potentiometer connection	Memory mirror, driver's side
15	E	Potentiometer connection	Memory mirror, driver's side
16	E	Potentiometer connection	Memory mirror, passenger's side
17	E	Potentiometer connection	Memory mirror, passenger's side

E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
18	E/A	Mirror adjustment motor	Memory mirror, driver's side
19	E	Mirror adjustment, L/R	Memory seat/mirror's switch
20	E	Mirror adjustment, L/R and U/D	Memory seat/mirror's switch
21	E	Mirror select signal	Memory seat/mirror's switch
22	A	Potentiometer connection	Memory mirror, passenger's side
23	A	Potentiometer connection	Memory mirror, driver's side
24	E	Reverse gear signal	Automatic transmission range switch or back up switch
25		Not used	
26		Not used	

## X18323

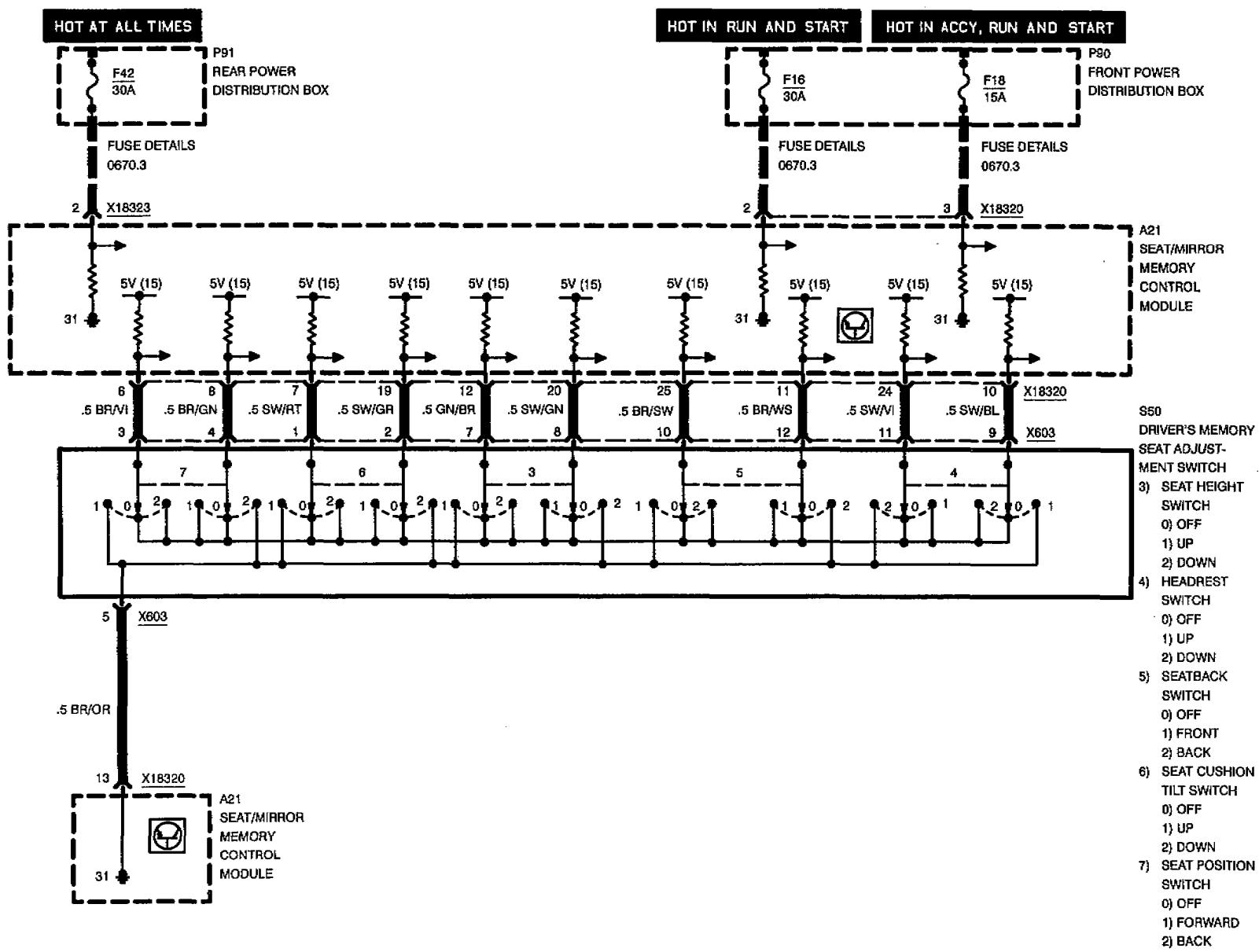
Pin	Type	Description/Function	Connection
1	M	Ground	Ground point
2	E	Voltage supply (terminal 30)	Rear power distribution box
3		Not used	
4	M	Ground	Ground point

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5200.1

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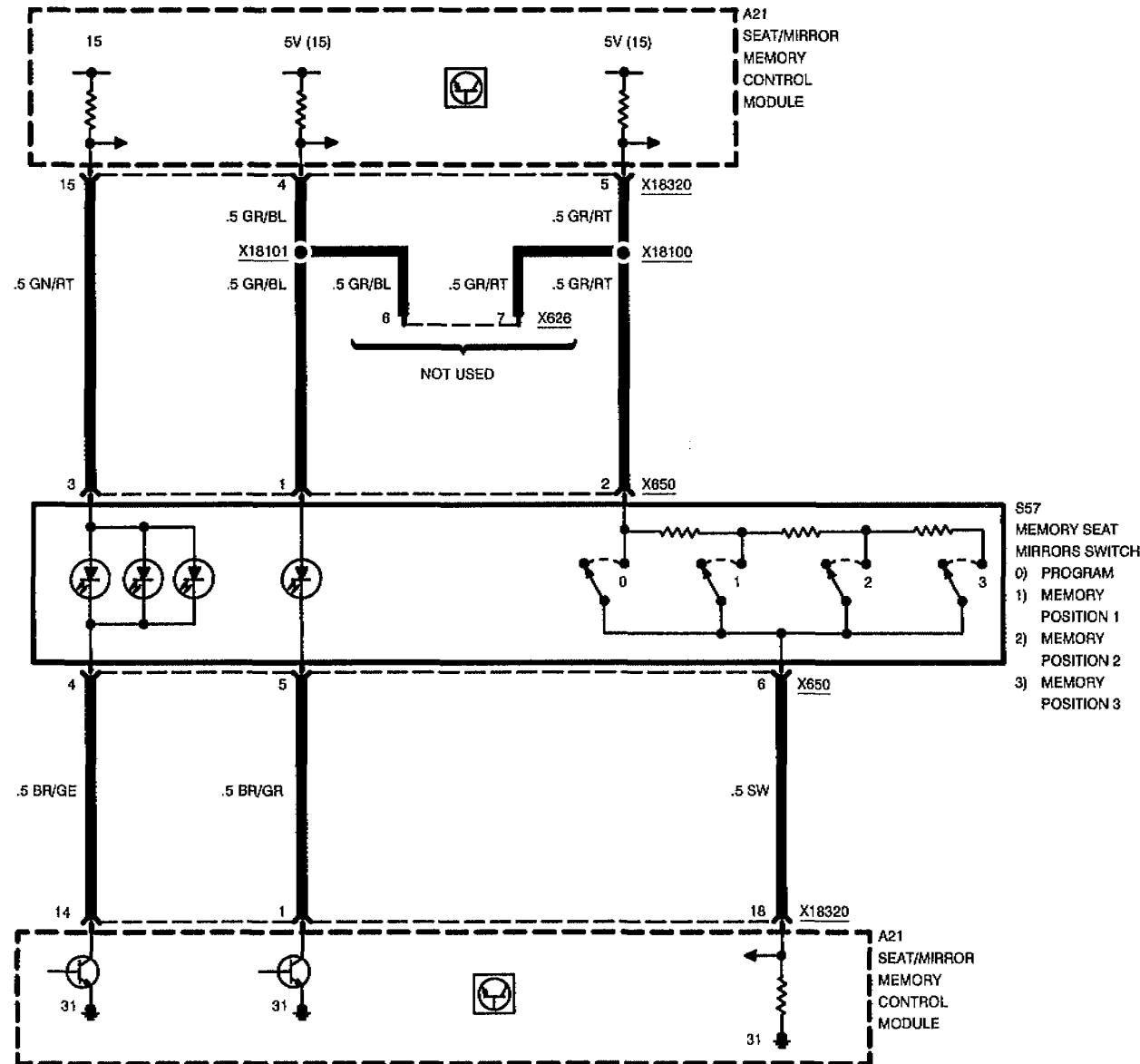


## SEAT/MIRROR MEMORY SYSTEM (SM/SPM)

02/97

5200.1-01

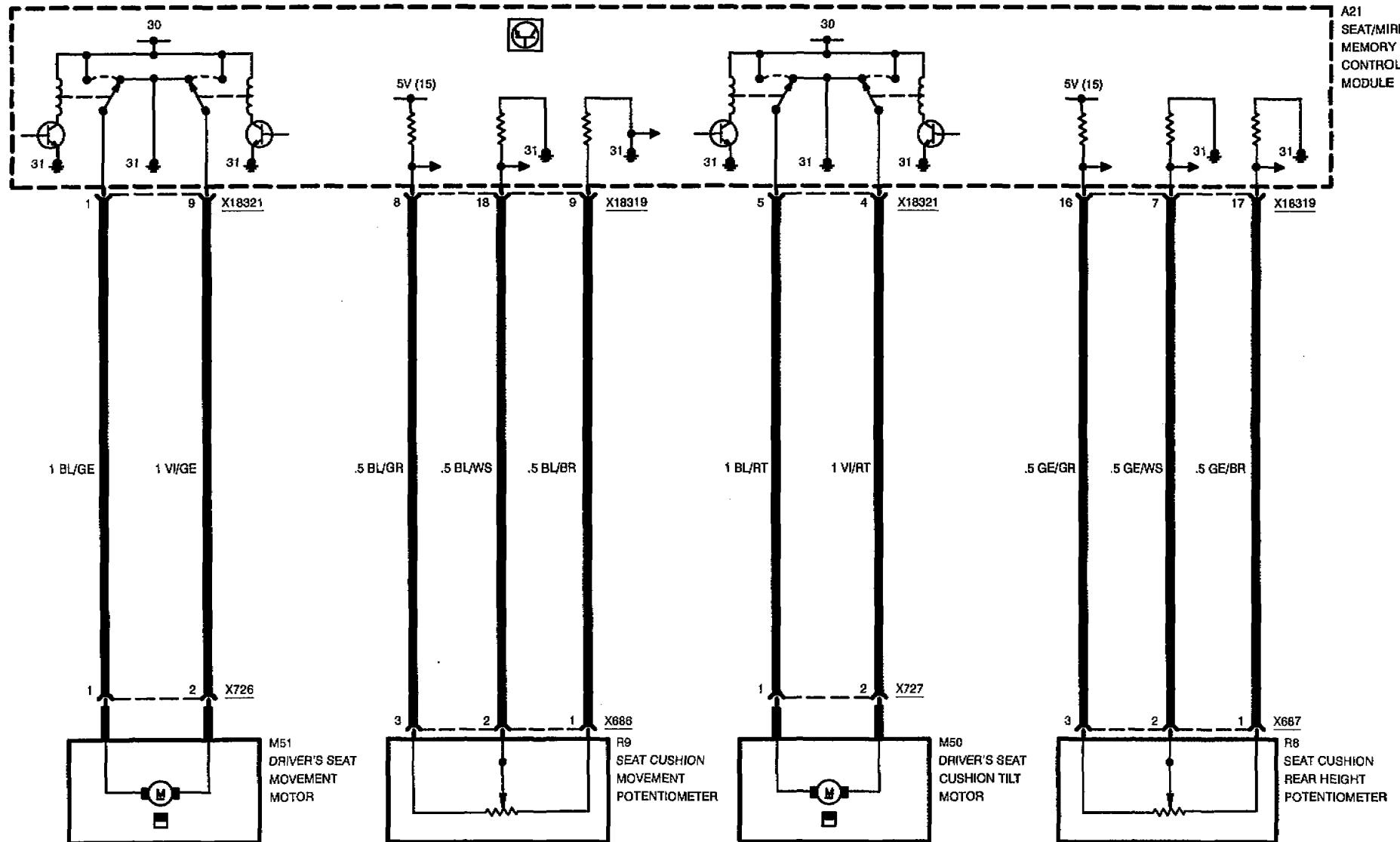
1995



A21  
SEAT/MIRROR  
MEMORY  
CONTROL  
MODULE

5200.1-02

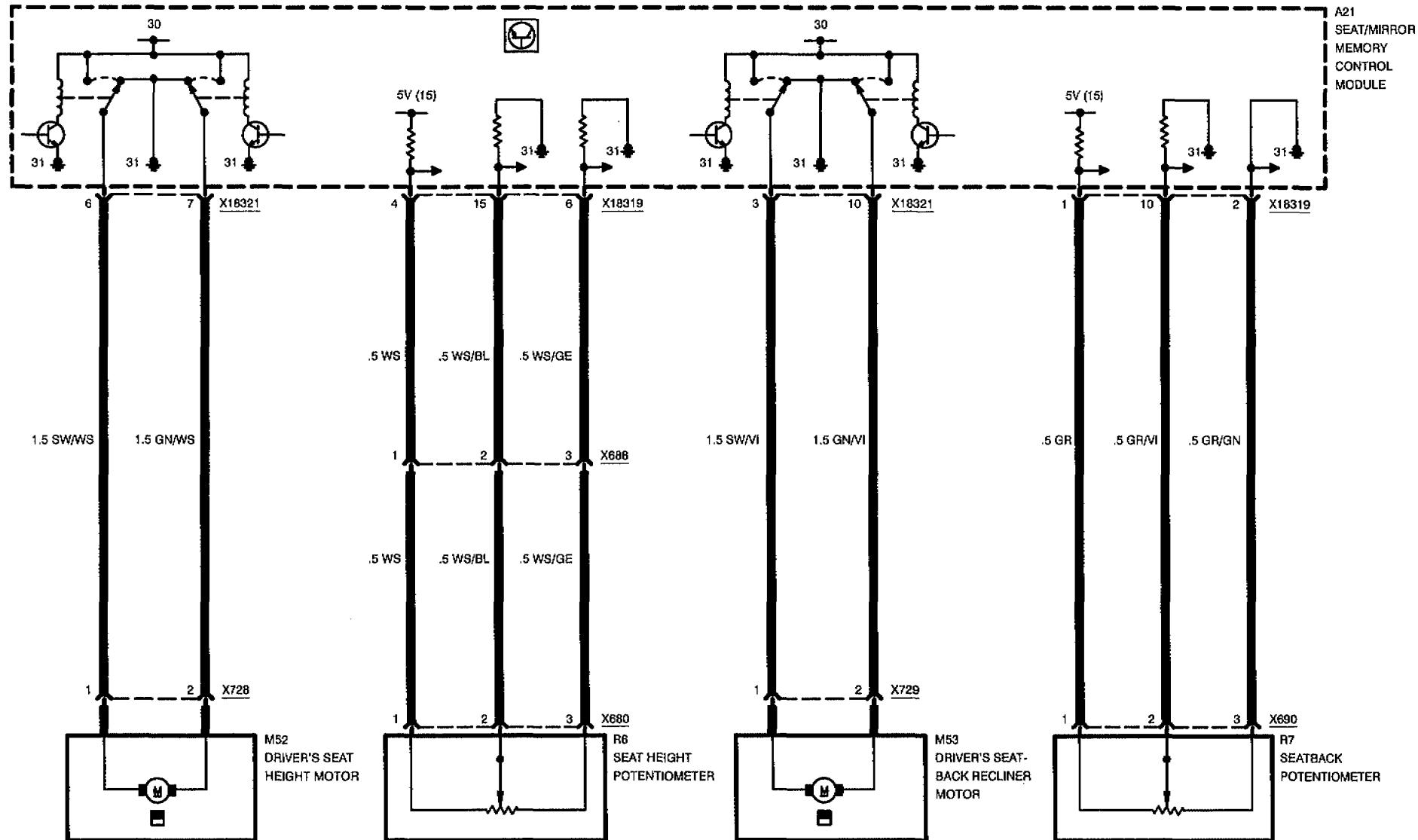
1995





## SEAT/MIRROR MEMORY SYSTEM (SM/SPM)

### SEAT





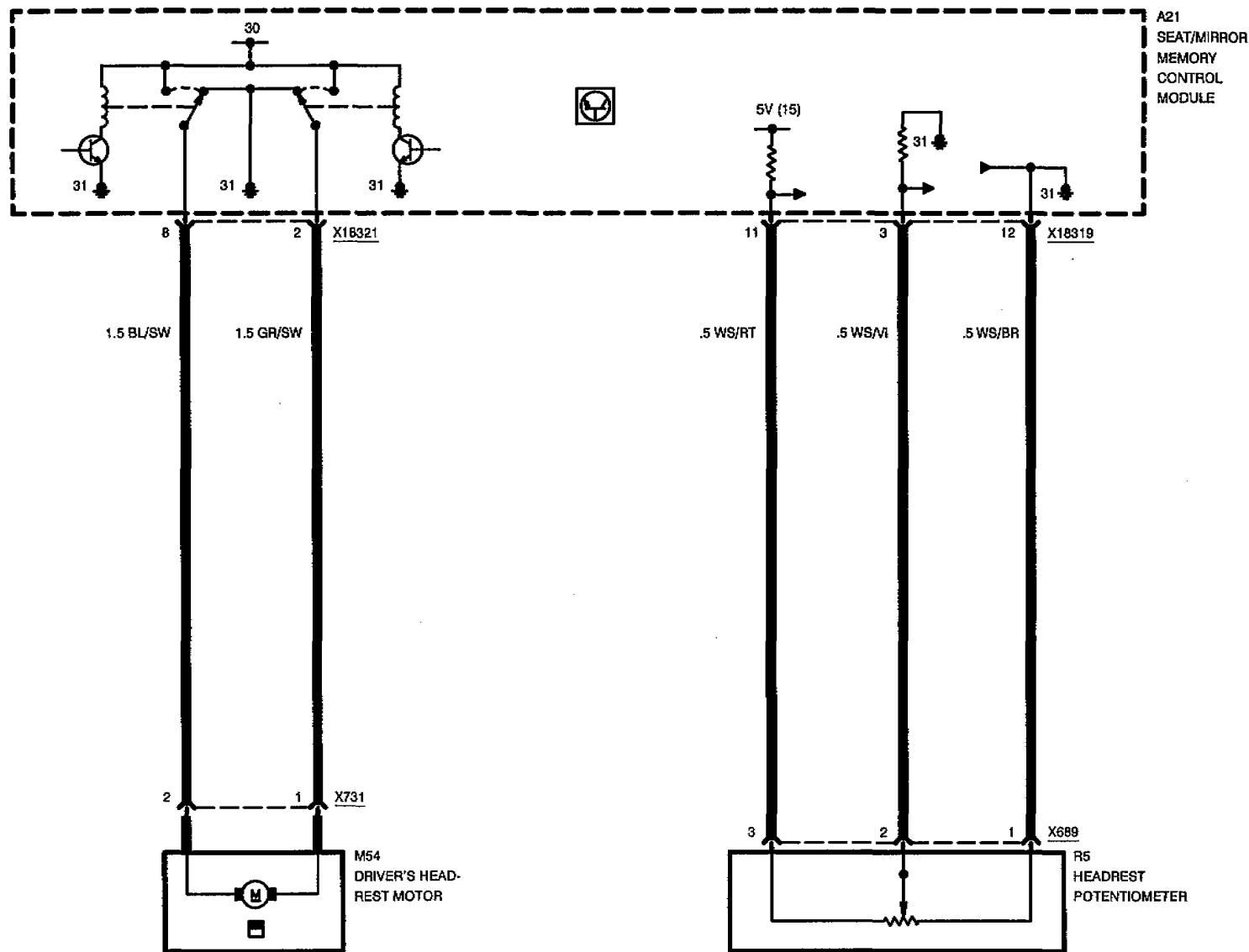
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SEAT

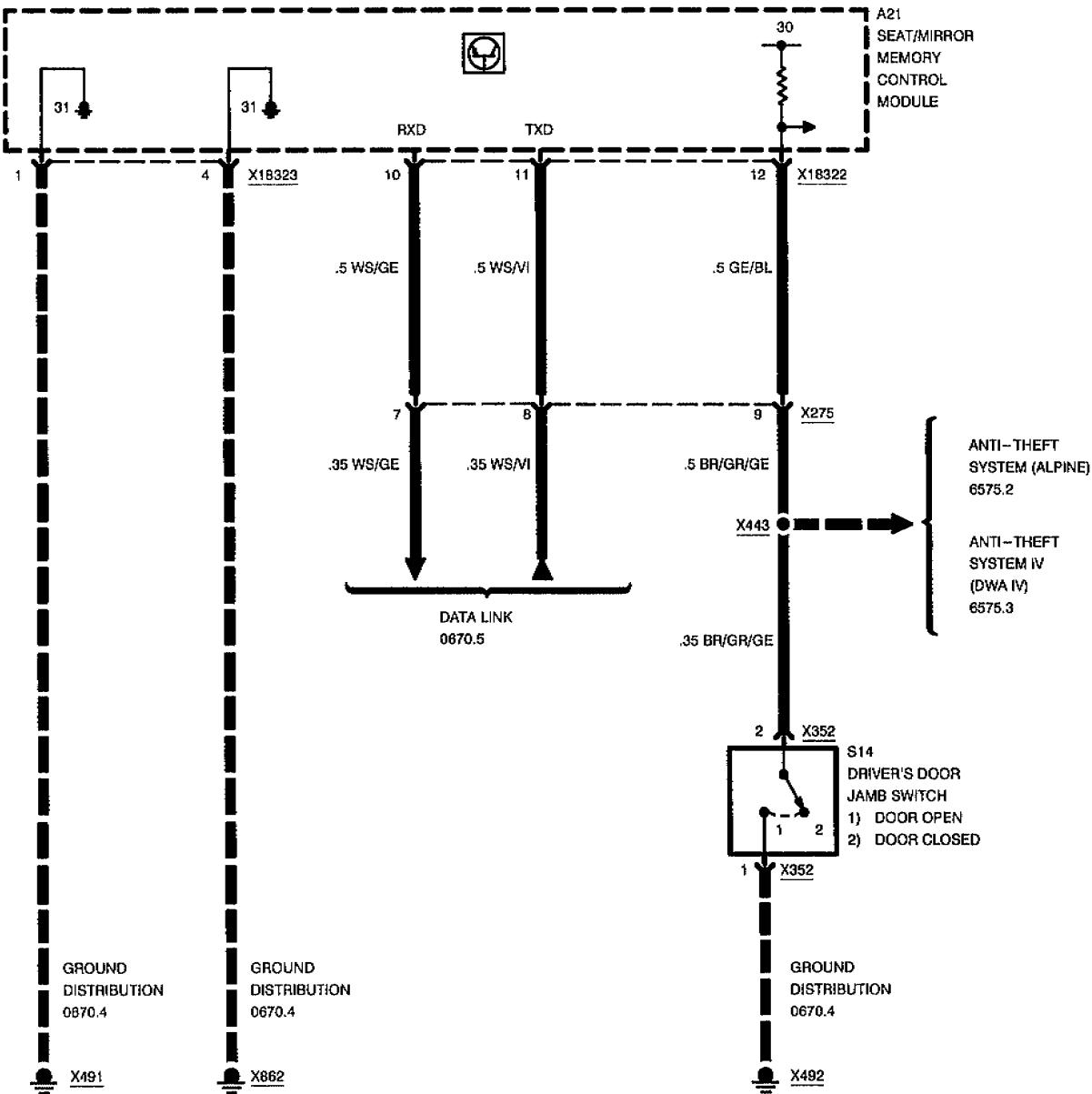
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5200.1-04

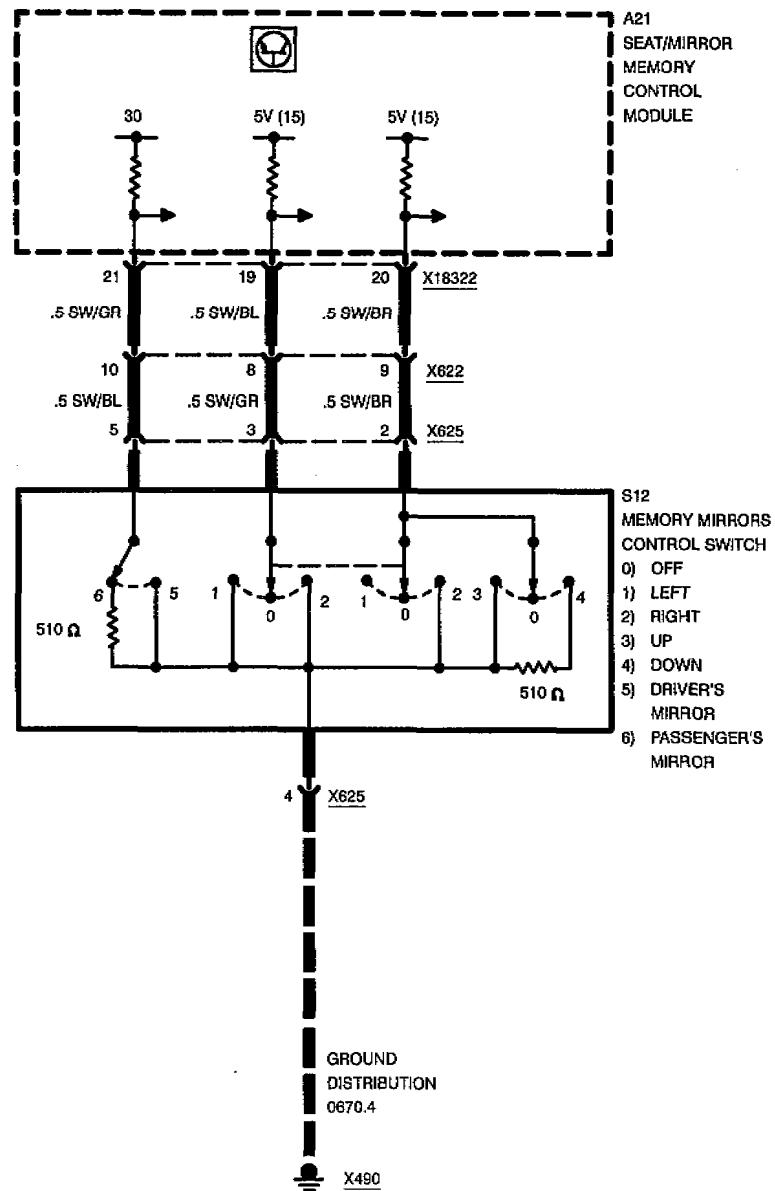
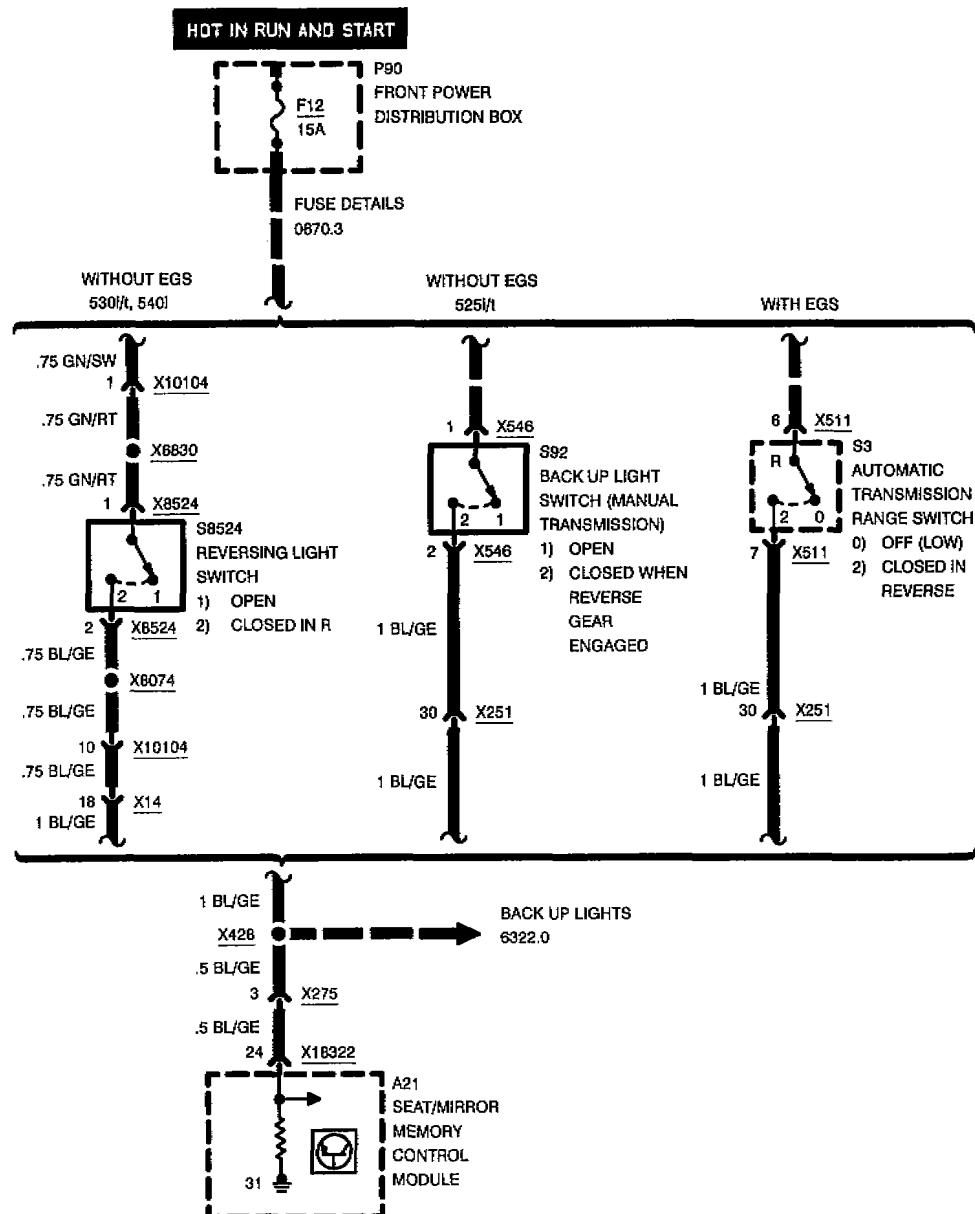
1995



## SEAT/MIRROR MEMORY SYSTEM (SM/SPM)



## SEAT/MIRROR MEMORY SYSTEM (SM/SPM)





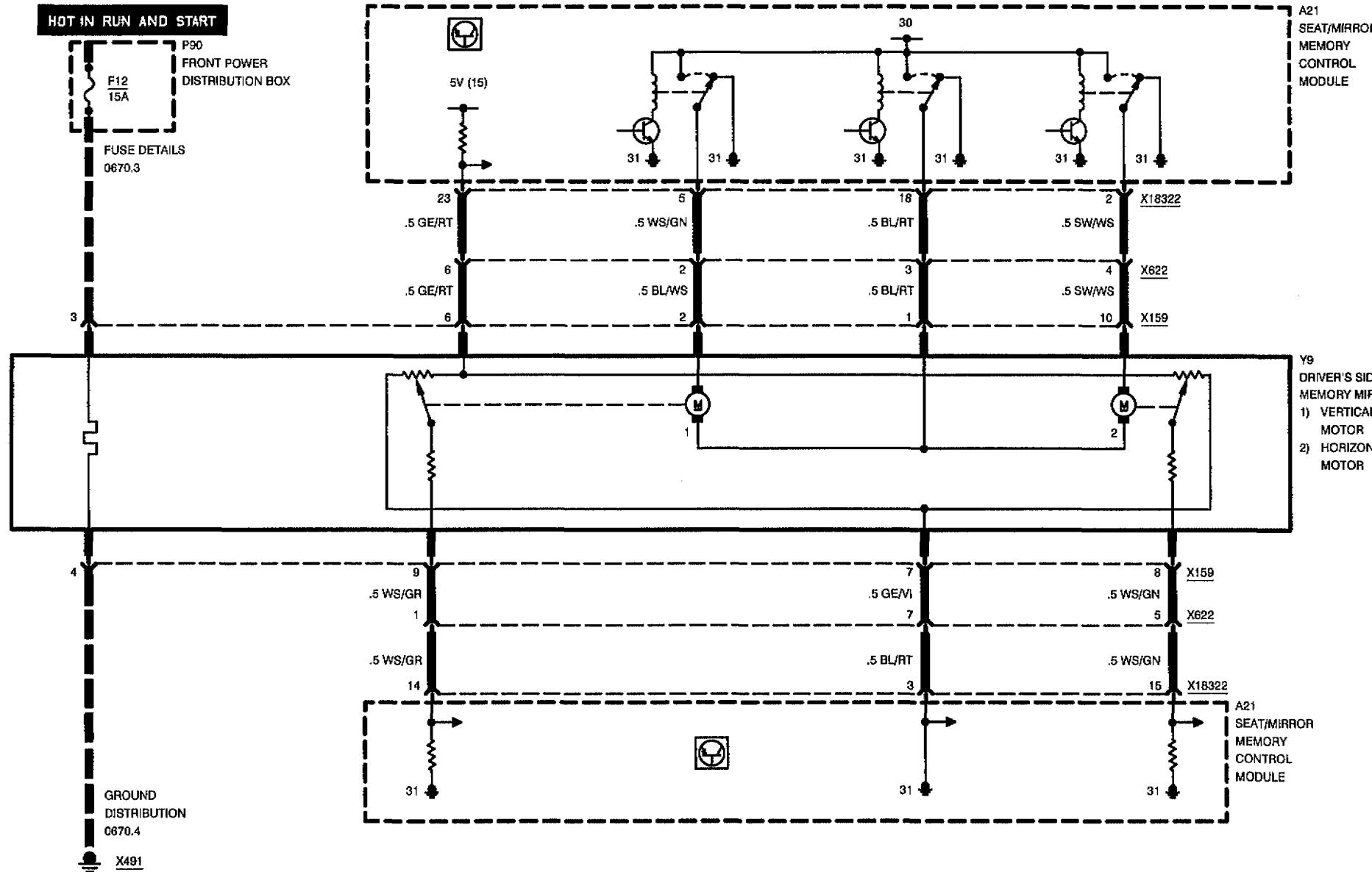
## SEAT/MIRROR MEMORY SYSTEM (SM/SPM)

### MIRROR

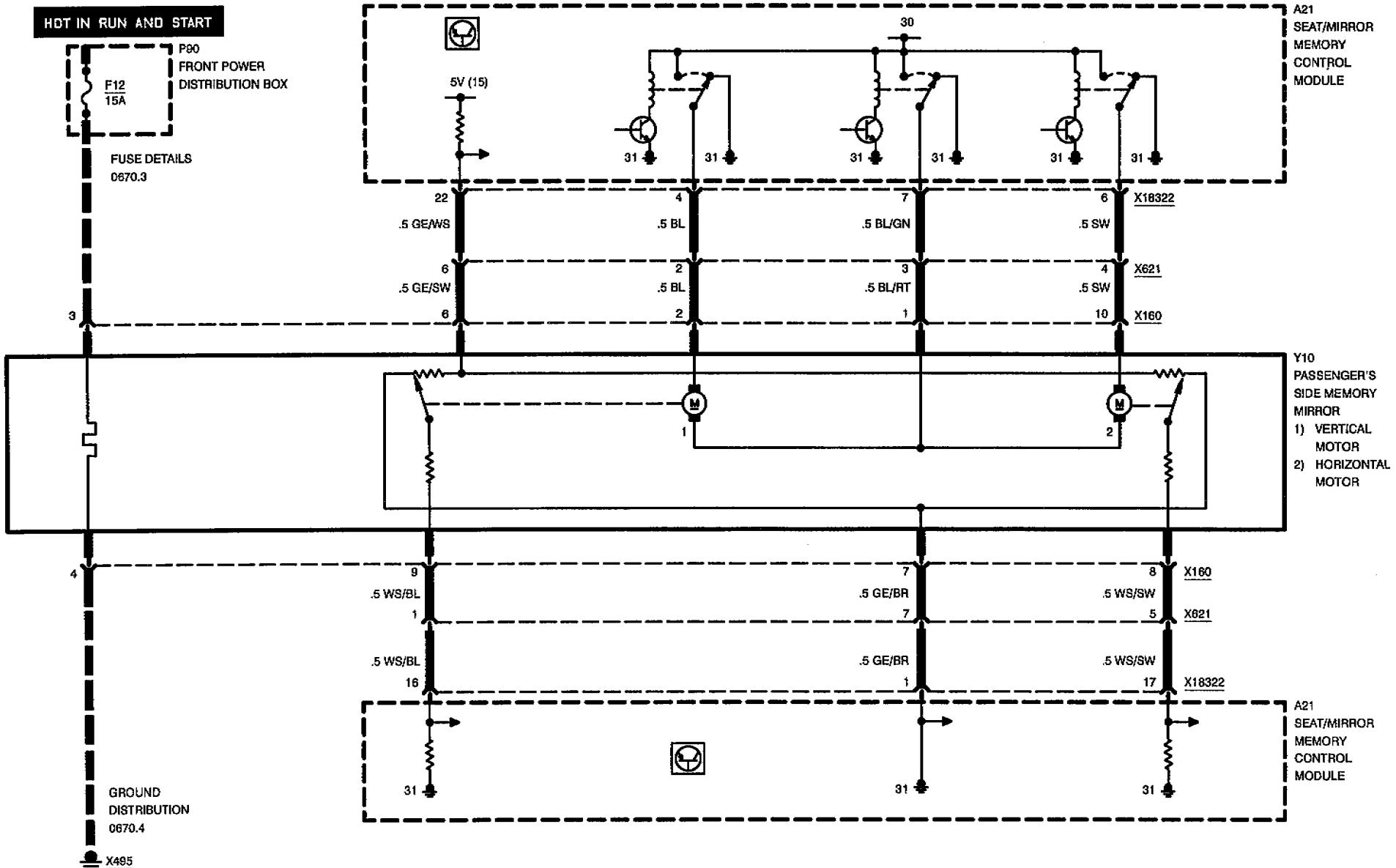
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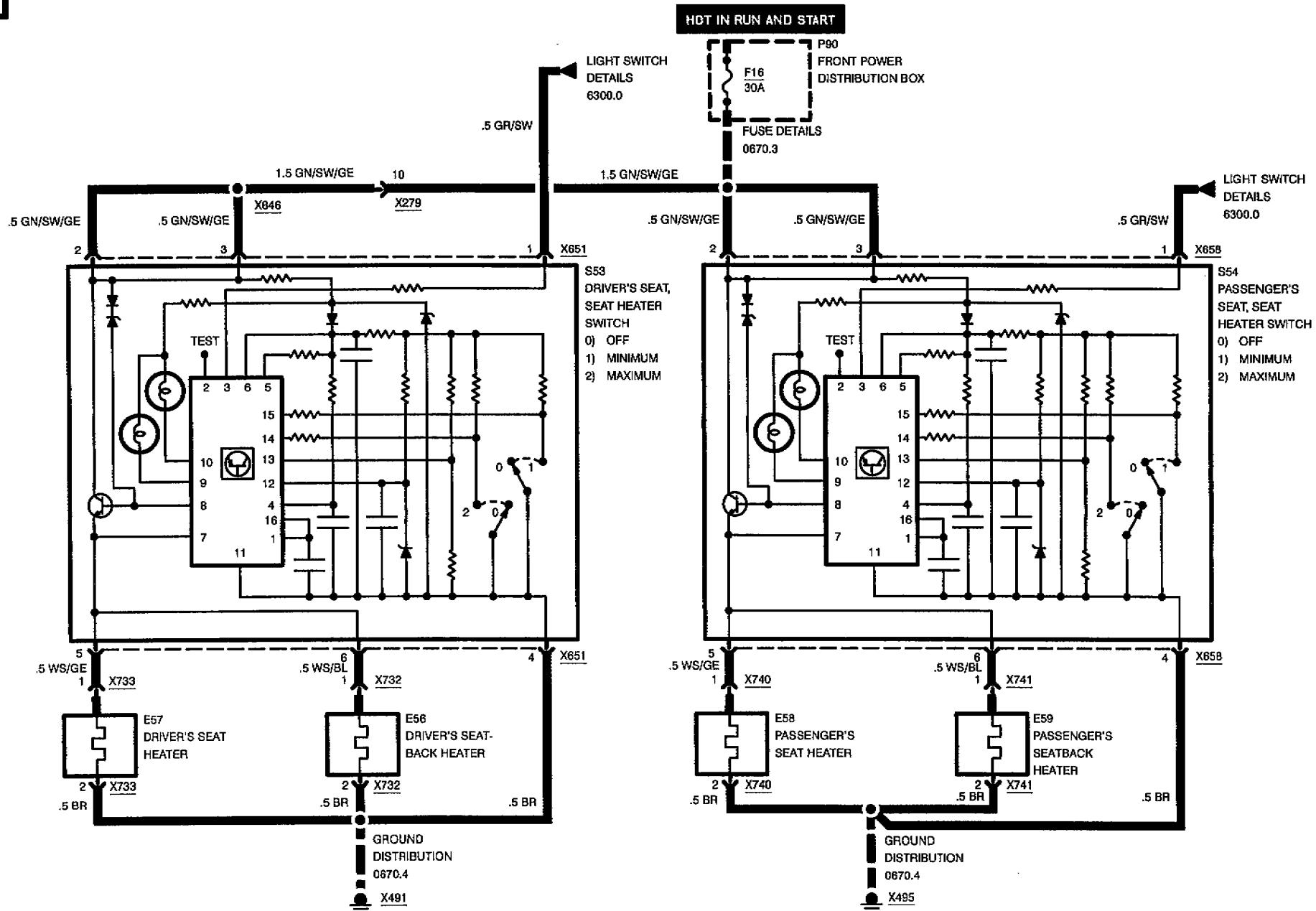


## MIRROR



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5203.0



BMW  
**5**

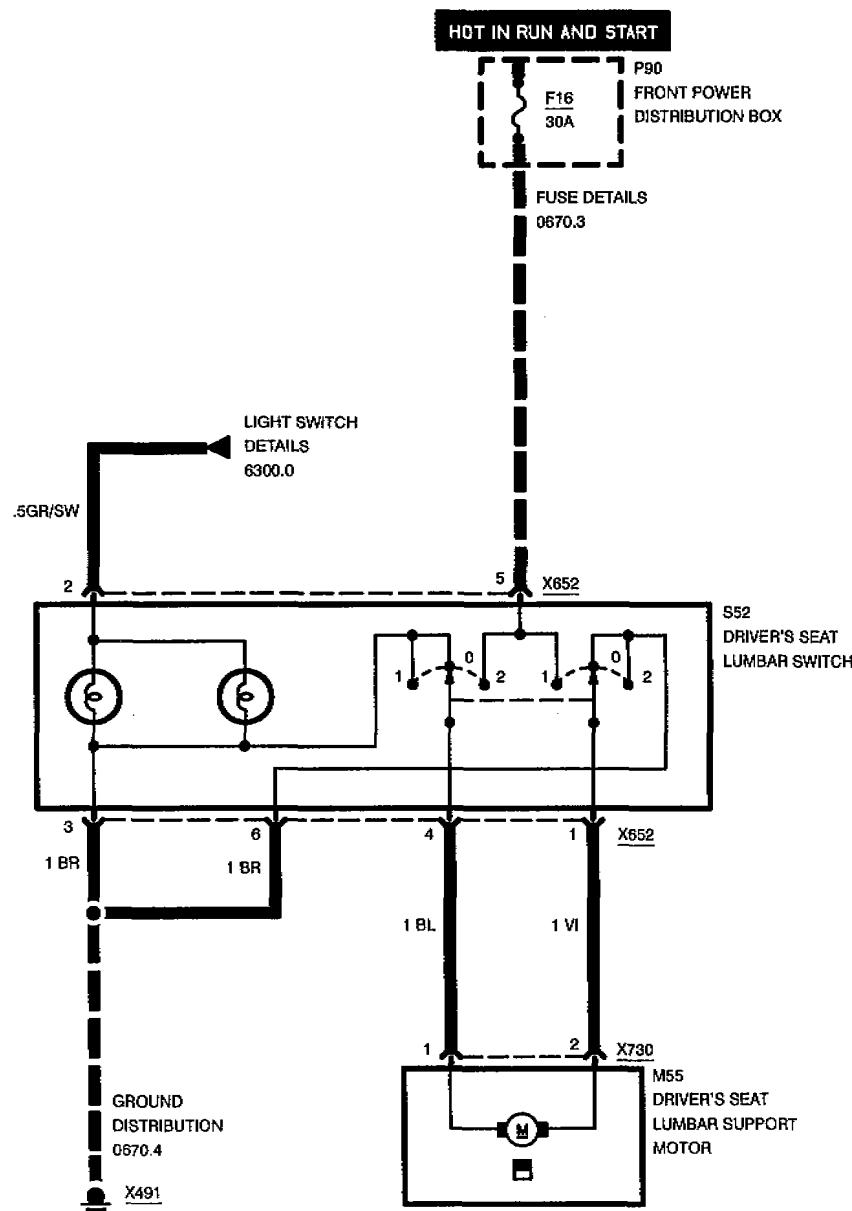
5212.0

**BMW** **5** **LUMBAR SUPPORT**  
DRIVER'S SIDE

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5212.0-00

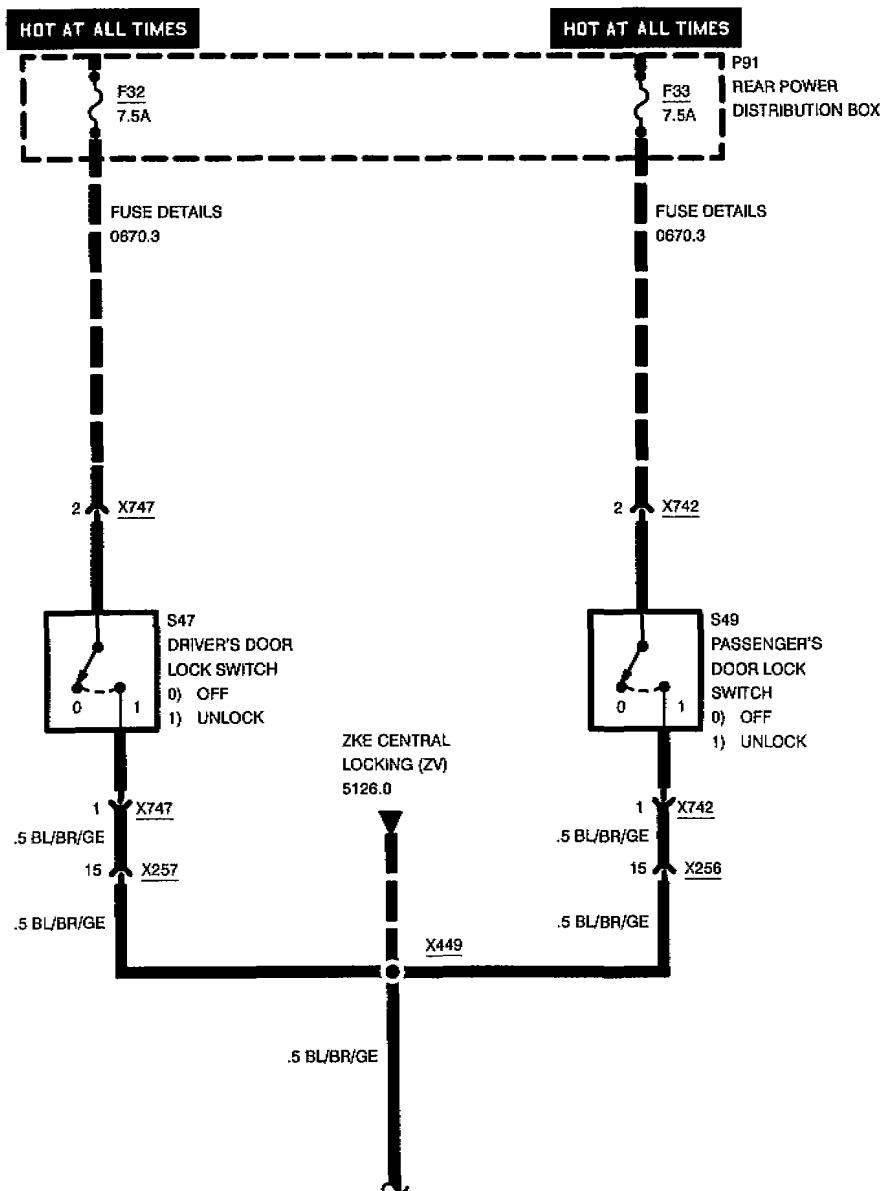
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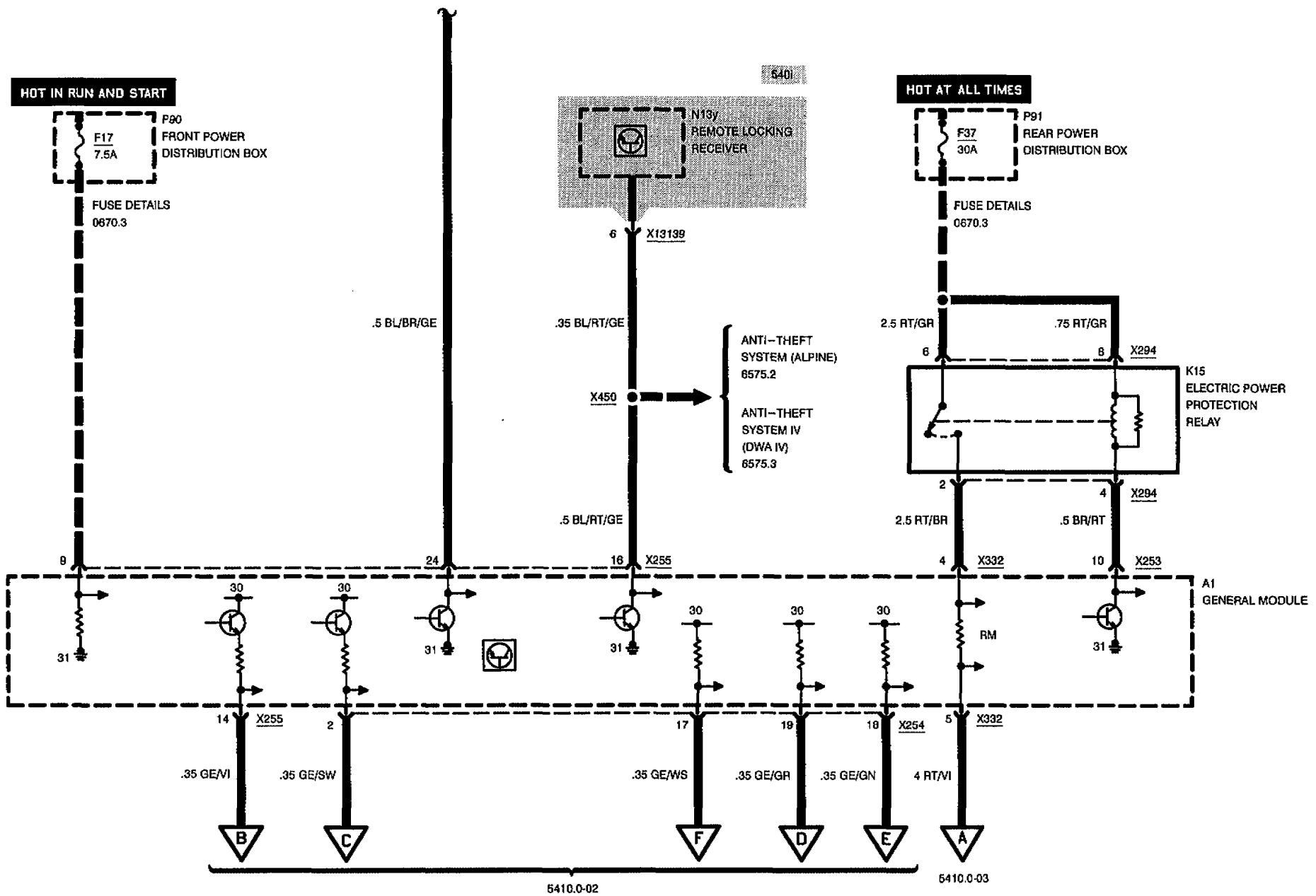


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5410.0







# ZKE SUNROOF (SHD)

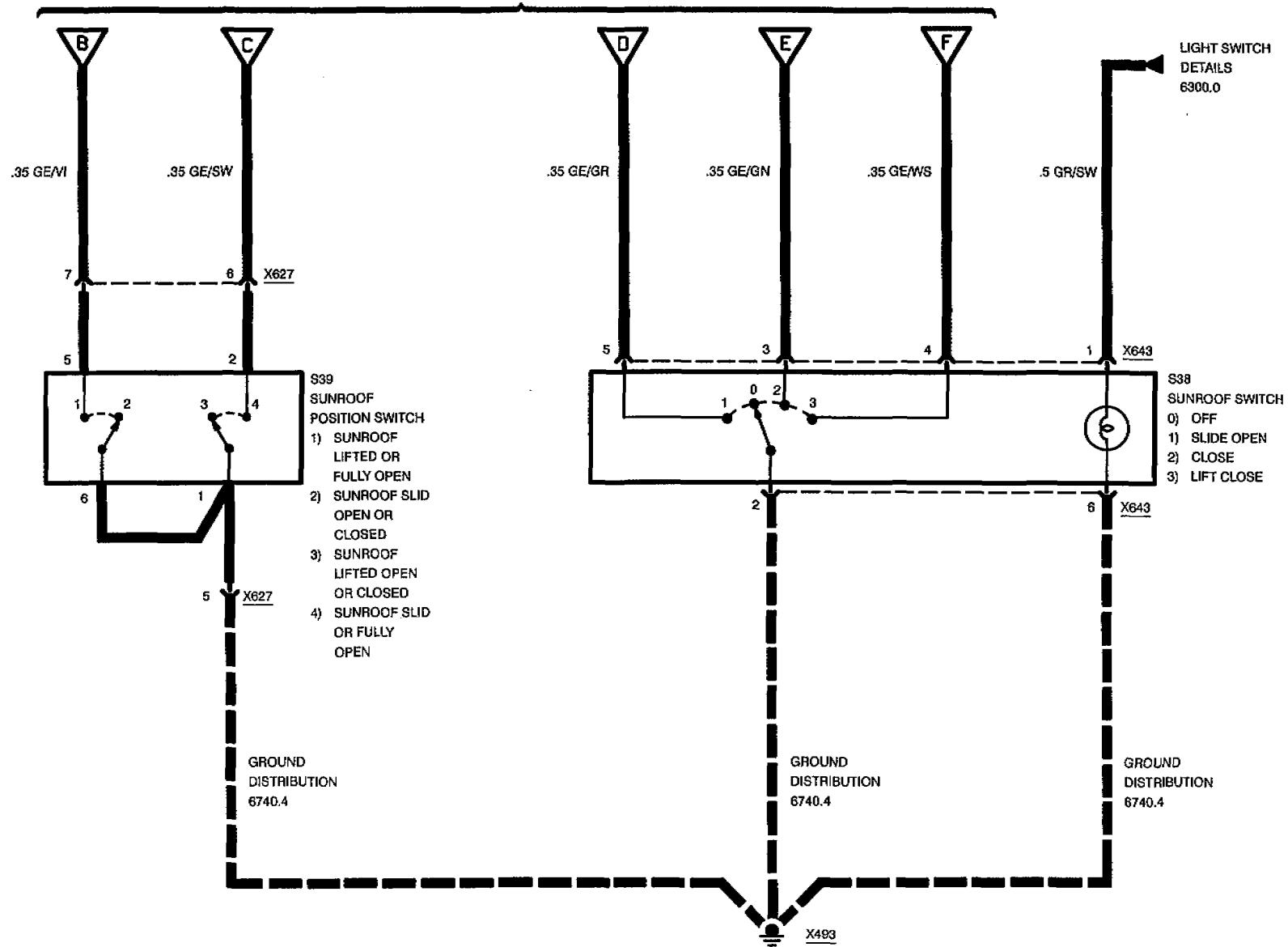
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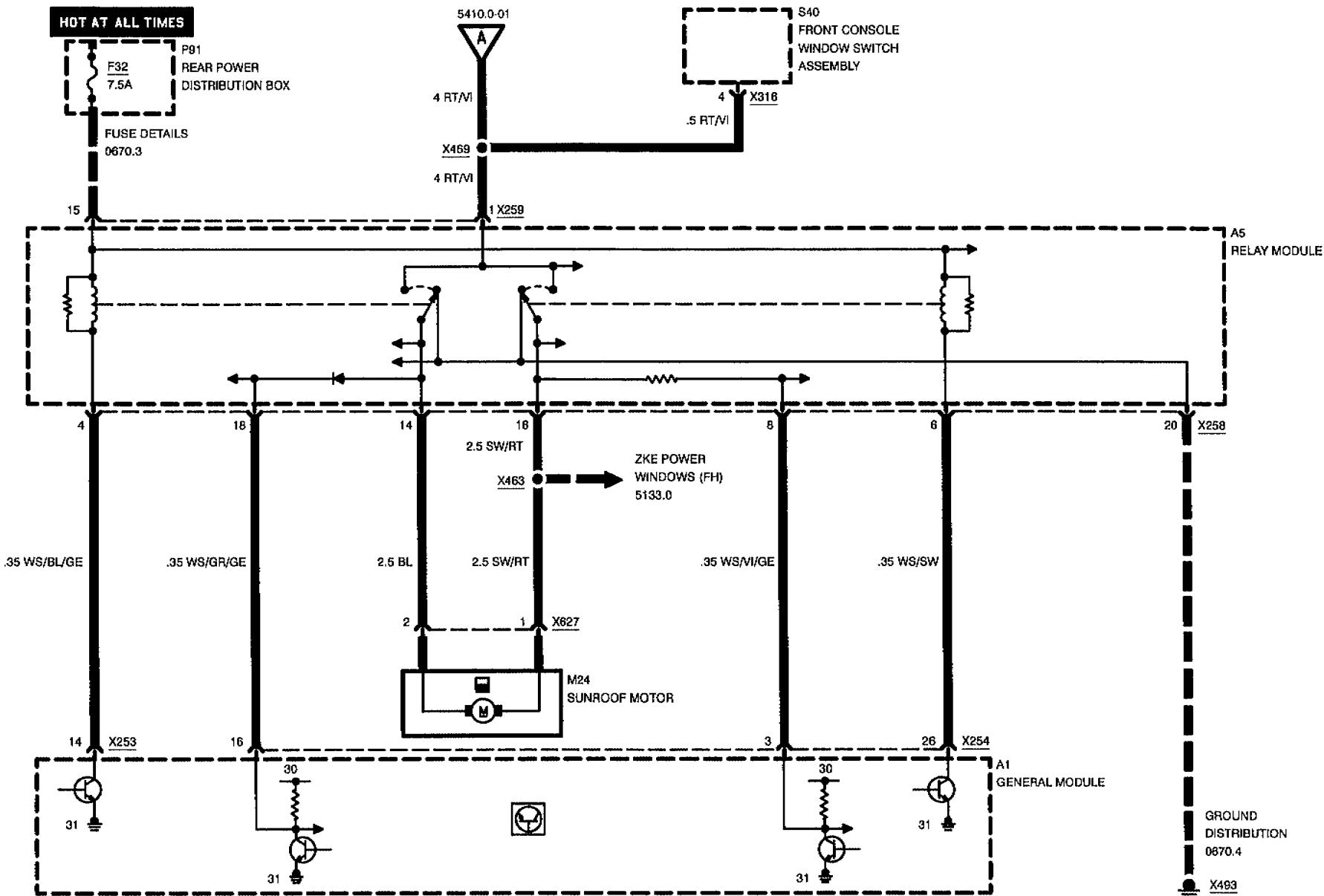
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5410.0-02

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5410.0-01





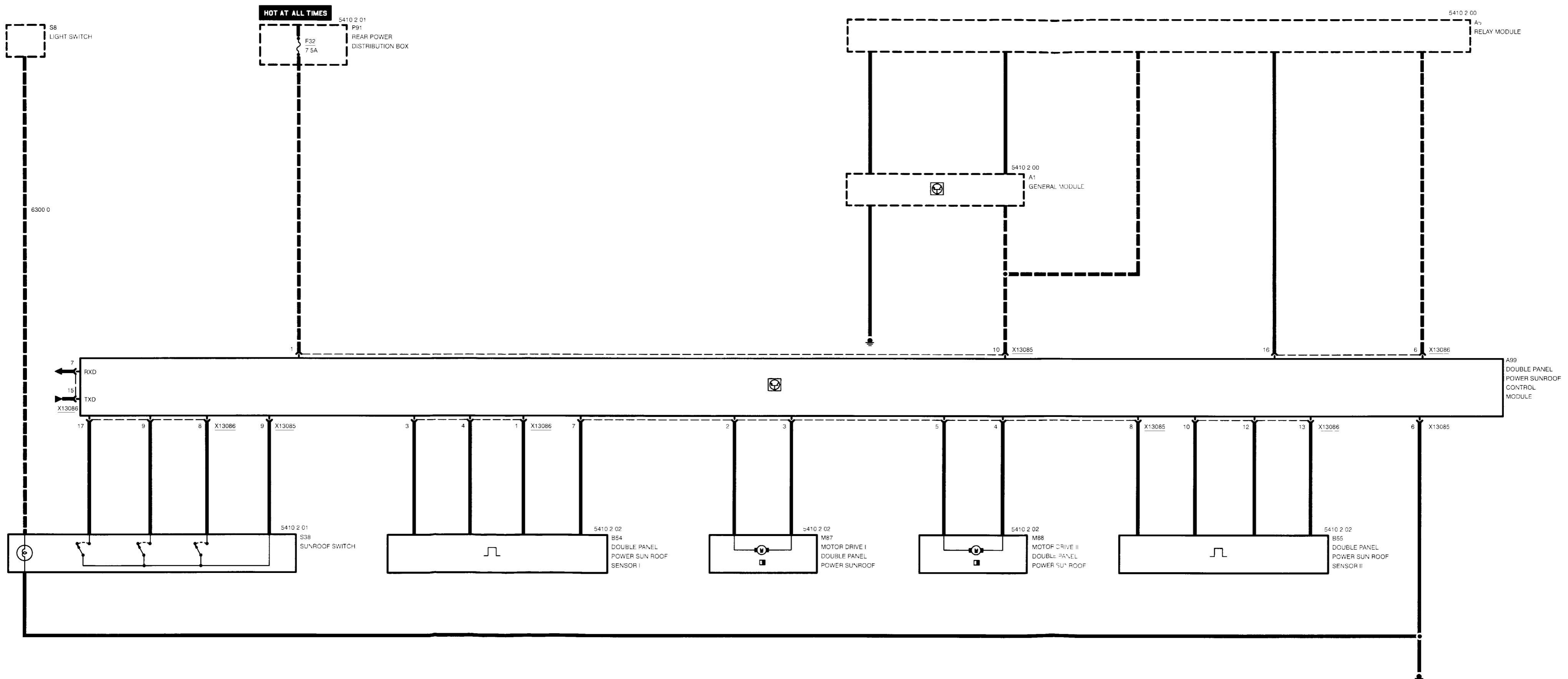


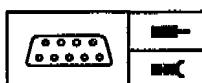
5410.0-04

02/97 ————— 5410 2 ————— 1995

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02/97 ————— 5410 2 ————— 1995





## Pin Assignments

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A=X13085 10 Pins

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B=X13086 18 Pins

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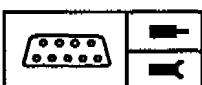
### X13085

Pin	Type	Description/Function	Connect
1	E	Terminal 30, voltage supply	Rear power distribution box, fuse 32
2	E/A	Motor voltage/ground	Motor drive I double panel power sunroof
3	E/A	Motor voltage/ground	Motor drive I double panel power sunroof
4	E/A	Motor voltage/ground	Motor drive II double panel power sunroof
5	E/A	Motor voltage/ground	Motor drive II double panel power sunroof
6	M	Module ground	Ground point
7	A	Power	Contact, front roof
8	A	Power	Contact, rear roof
9	A	Power	Sunroof switch
10	E	Power	General module

### X13086

Pin	Type	Description/Function	Connect
1	E	Position contact	Contact, front roof
2		Not used	
3	E	Position contact	Contact, front roof
4	E	Position contact	Contact, front roof
5		Not used	
6	E	Control signal	Relay module
7	E	RxD diagnostic data link	Data link connector
8	E	Switch, closed	Sunroof switch
9	E	Switch, closed	Sunroof switch
10	E	Position contact	Contact, rear roof
11		Not used	
12	E	Position contact	Contact, rear roof

E = Input, A = Output, M = Ground



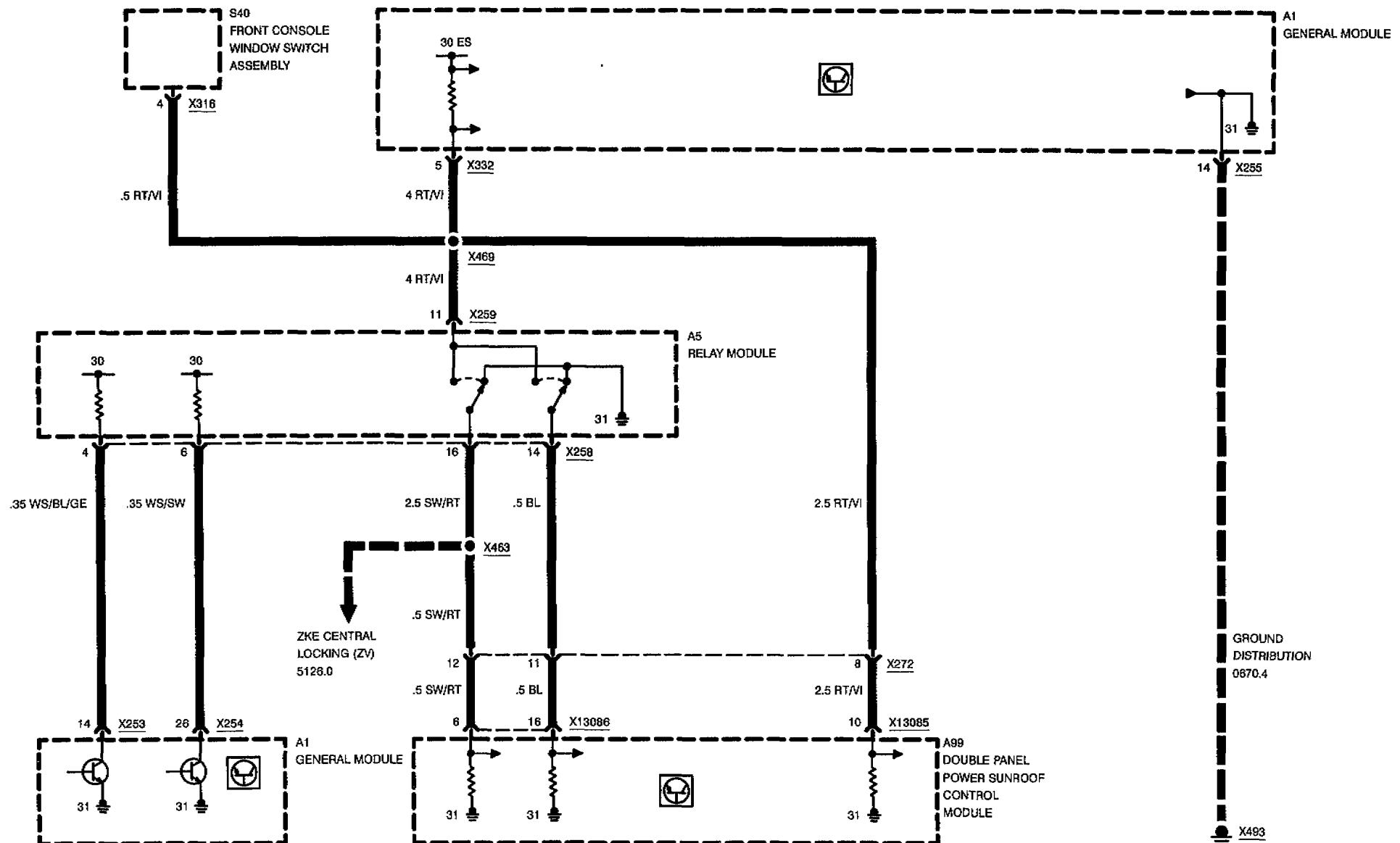
## Pin Assignments

Pin	Type	Description/Function	Connect
13	E	Position contact	Contact, rear roof
14		Not used	
15	E/A	TxD diagnostic data link	Data link connector
16	E	MSD+	Relay module
17	E	Switch closed	Sunroof switch
18		Not used	

E = Input, A = Output, M = Ground

BMW  
5

5410.2



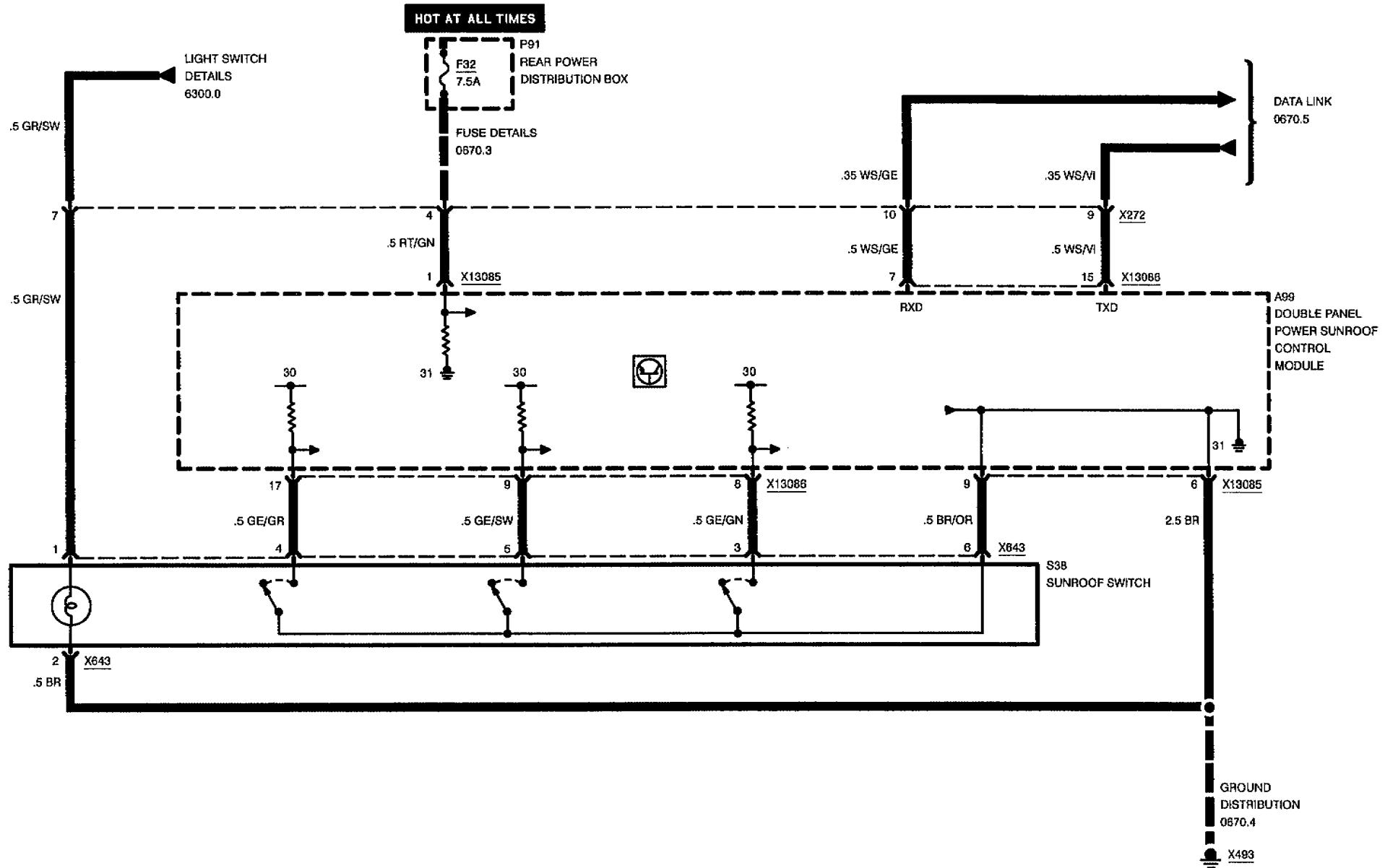


## DOUBLE PANEL POWER SUNROOF (ZKE)

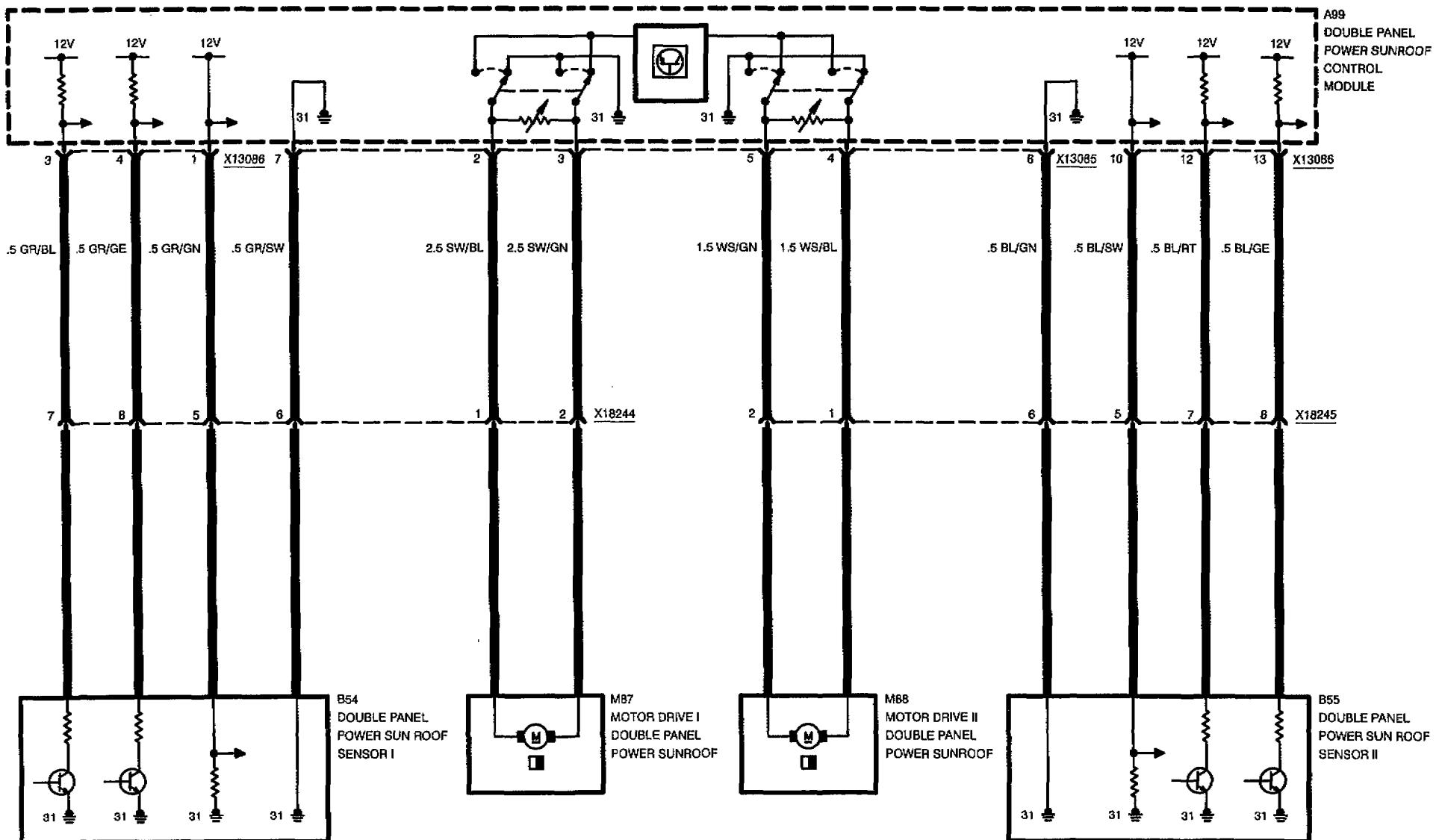
02/97

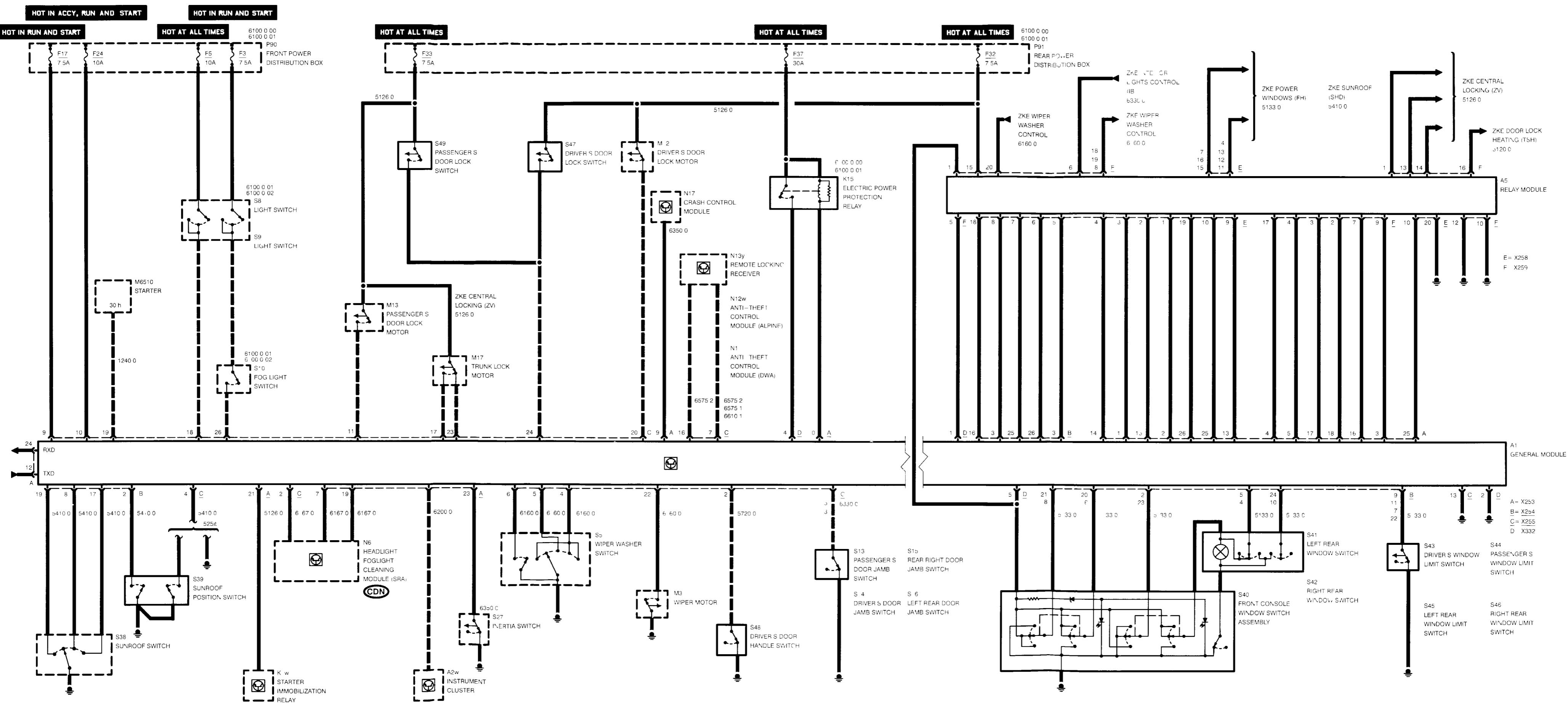
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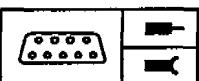
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## DOUBLE PANEL POWER SUNROOF (ZKE)







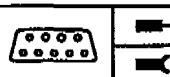
## Pin Assignments

A=X253	26 Pins, green
B=X254	26 Pins, white
C=X255	26 Pins, yellow
D=X332	5 Pins, white
E=X258	20 Pins, black
F=X259	20 Pins, white

### X253

Pin	Type	Description/Function	Connection
1	A	Passenger's window motor control	Relay module
2	A	Passenger's window motor control	Relay module
3	A	Wiper motor control	Relay module
4	A	Door lock heater control	Relay module
5	A	Lock motors control	Relay module
6		Not used	
7	A	Light cleaning control	Headlight/front fog light cleaning system module (SRA)
8		Not used	
9	A	Crash information	Crash control module
10	A	Electric power control protection relay control	Electric power protection relay, terminal 85
11	E	Vehicle speed signal	Instrument cluster
12	E/A	TxD diagnostic data link	Data link connector
13	E	Data line	Relay module
14	A	Sunroof motor control	Relay module
15	A	Passenger's and right rear window motor control	Relay module
16	A	Interior lights control	Relay module
17	A	Lock motors control (close)	Relay module
18	A	Lock motors control (open)	Relay module
19	A	Light cleaning control	Headlight/front fog light cleaning system module (SRA)

E = Input, A = Output, M = Ground



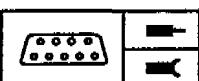
## Pin Assignments

Pin	Type	Description/Function	Connection
20		Not used	
21	A	Drive-away protection	Starter immobilization relay
22		Not used	
23	E	Crash signal	Inertia switch
24	E	RxD diagnostic data link	Data link connector
25	E	Data line	Relay module
26	E	Data line	Relay module

## X254

Pin	Type	Description/Function	Connection
1		Not used	
2	E	Sunroof position signal	Sunroof position switch
3	E	Data line (window and sunroof motors position)	Relay module
4	E	Open right rear window signal (switch)	Right rear window switch
5	E	Open left rear window signal (switch)	Left rear window switch
6	E	Open passenger's window signal (switch)	Front console window switch assembly
7	E	Left rear window open signal (position)	Left rear window limit switch
8	E	Close passenger's window signal (switch)	Front console window switch assembly
9	E	Passenger's window open signal (position)	Passenger's window limit switch
10	E	Close right rear window signal (switch)	Right rear window switch
11	E	Driver's window open signal (position)	Driver's window limit switch
12	E	Close left rear window signal (switch)	Front console window switch assembly
13	A	Left rear window motor control	Relay module
14		Not used	
15		Not used	
16	E	Data line (window and sunroof motors position)	Relay module
17	E	Close sunroof lift signal	Sunroof switch
18	E	Close sunroof signal	Sunroof switch
19	E	Open sunroof slide signal	Sunroof switch

E = Input, A = Output, M = Ground



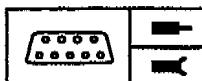
## Pin Assignments

Pin	Type	Description/Function	Connection
20	E	Open driver's window signal (switch)	Front console window switch assembly
21	E	Close driver's window signal (switch)	Front console window switch assembly
22	E	Right rear window open signal (position)	Right rear window limit switch
23	E	Close right rear window signal (switch)	Front console window switch assembly
24	E	Close left rear window signal (switch)	Left rear window switch
25	A	Driver's window motor control	Relay module
26	A	Driver's and left rear window control/sun-roof motor control	Relay module

## X255

Pin	Type	Description/Function	Connection
1	E	Passenger's door open signal	Passenger's door jamb switch
2	E	Driver's door handle lifted signal	Driver's door handle switch
3	E	Rear doors open signal	Rear door jamb switches
4	E	Standard wiper signal	Wiper/washer switch
5	E	Interval wiper signal	Wiper/washer switch
6	E	Wash signal	Wiper/washer switch
7	E	Anti-theft system control module (Alpine)	Anti-theft system control module (Alpine)
8		Not used	
9	E	Voltage supply, terminal 15	Front power distribution box
10	E	Voltage supply, terminal R	Front power distribution box
11	E	Passenger's door lock motor locked	Passenger's door lock motor
12		Not used	
13	M	Ground	Ground point
14	E	Sunroof position signal	Sunroof position switch
	M	Ground (Touring)	Ground point
15	E	Driver's door open signal	Driver's door jamb switch
16	E	Anti-theft system control module	Anti-theft system control module
17	E	Unlock door lock motors signal	Trunk lock motor
18	E	Park or headlights ON signal	Light switch
19	E	Starter, terminal 30h	Starter

E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
20	E	Driver's door lock motor locked	Door lock motor
21	E	Data line	Headlight/front fog light cleaning system module (SRA)
22	E	Wipers not in park signal	Wiper motor
23	E	Unlock trunk lock motor signal	Trunk lock motor
24	E	Lock front doors signal	Front door lock switches
25		Not used	
26	E	Front or rear fog lights ON signal	Fog light switch

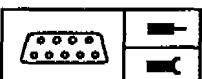
## X332

Pin	Type	Description/Function	Connection
1	E	Power for electronics	Relay module
2	M	Ground	Ground point
3		Not used	
4	E	Power input	Electric power protection relay, terminal 87
5	E	Power for electronics	Relay module, front console window switch assembly

## X258

Pin	Type	Description/Function	Connection
1	E	Right rear window motor control	General module
2	E	Passenger's and right rear window motor control	General module
3	E	Passenger's window motor control	General module
4	E	Sunroof motor control	General module
5	E	Left rear window motor control	General module
6	E	Driver's and left rear window motor control/ sunroof motor control	General module
7	E	Driver's window motor control	General module

E = Input, A = Output, M = Ground



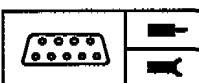
## Pin Assignments

Pin	Type	Description/Function	Connection
8	A	Data line (window and sunroof motors position)	General module
9	A	Data line	General module
10	A	Data line	General module
11	A	Right rear window motor power/ground supply	Right rear window motor
12	A	Passenger's and right rear window motor power/ground supply	Right rear window motor
13	A	Passenger's window motor power/ground supply	Passenger's window motor
14	A	Sunroof motor power/ground supply	Sunroof motor
15	A	Left rear window motor power/ground supply	Left rear window motor
16	A	Driver's window motor, left rear window motor, and sunroof motor power/ground supply	Driver's and left rear window motors/sunroof motor
17	A	Driver's window motor power/ground supply	Driver's window motor
18	A	Data line (window and sunroof motors position)	General module
19	A	Data line	General module
20	M	Ground	Ground point

## X259

Pin	Type	Description/Function	Connection
1	A	Lock motors voltage/ground supply	Door lock motors
2	E	Lock motors control (open)	General module
3	E	Lock motors control (close)	General module
4	E	Lock motors control	General module
5	A	Power output	General module
6	A	Interior lights ground supply (Automatic)	Interior lights
7	E	Interior lights control	General module
8	E	Fast wiper speed signal	Wiper/washer switch

E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
9	E	Wiper motor control	General module
10	M	Ground	Ground point
11	E	Power input	General module
12	M	Ground	Ground point
13	A	Lock motors voltage/ground supply	Door lock motors
14	A	Central locking voltage/ground supply	Door lock motors
15	E	Voltage supply, terminal 30	Rear power distribution box
16	A	Door lock heater voltage supply	Door lock heater
17	E	Door lock heater control	General module
18	A	Wiper motor voltage supply (slow)	Wiper motor
19	A	Wiper motor voltage supply (fast)	Wiper motor
20	E	Power input	Wiper relay

E = Input, A = Output, M = Ground

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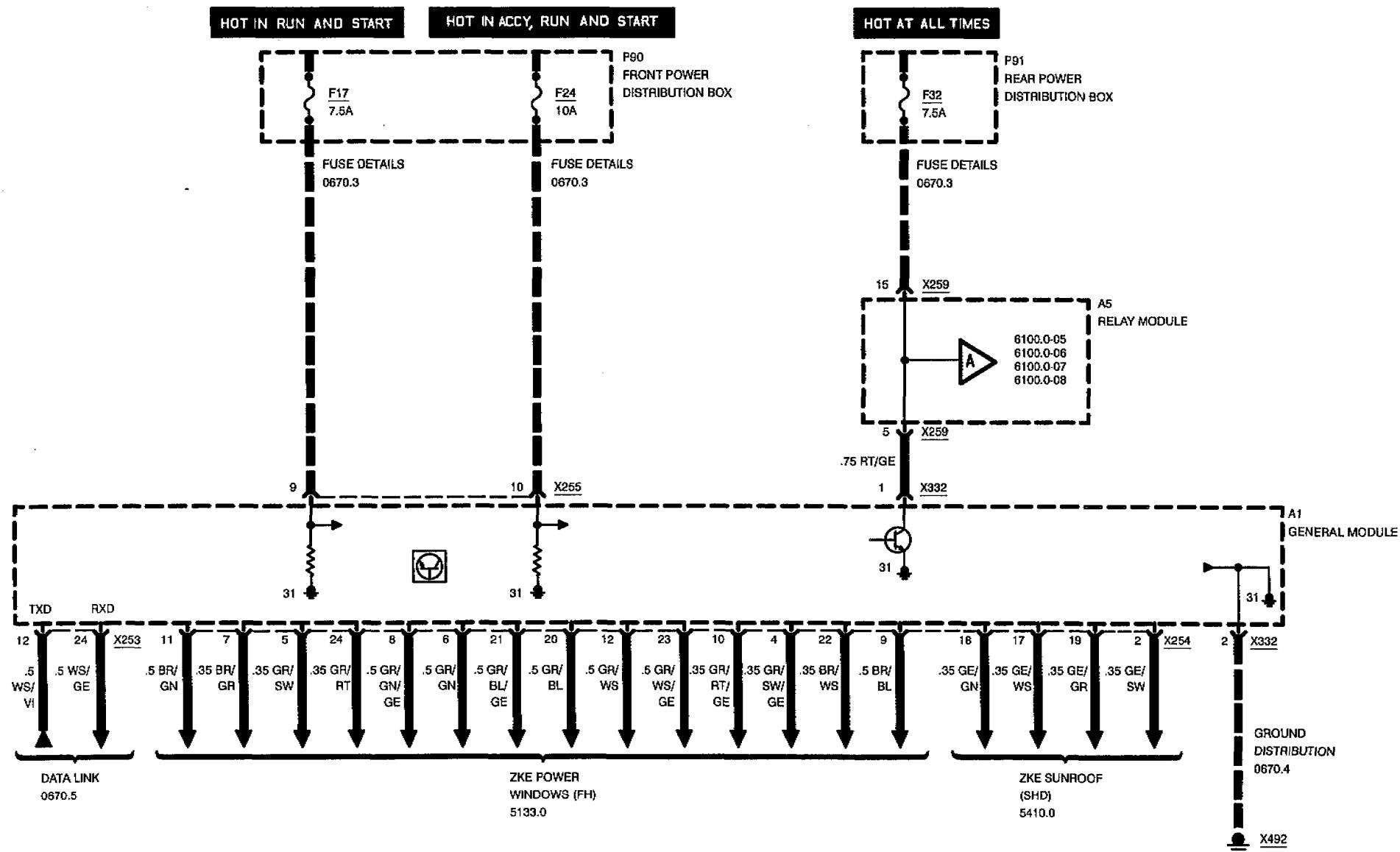


# CENTRAL BODY ELECTRONICS (ZKE) GENERAL MODULE

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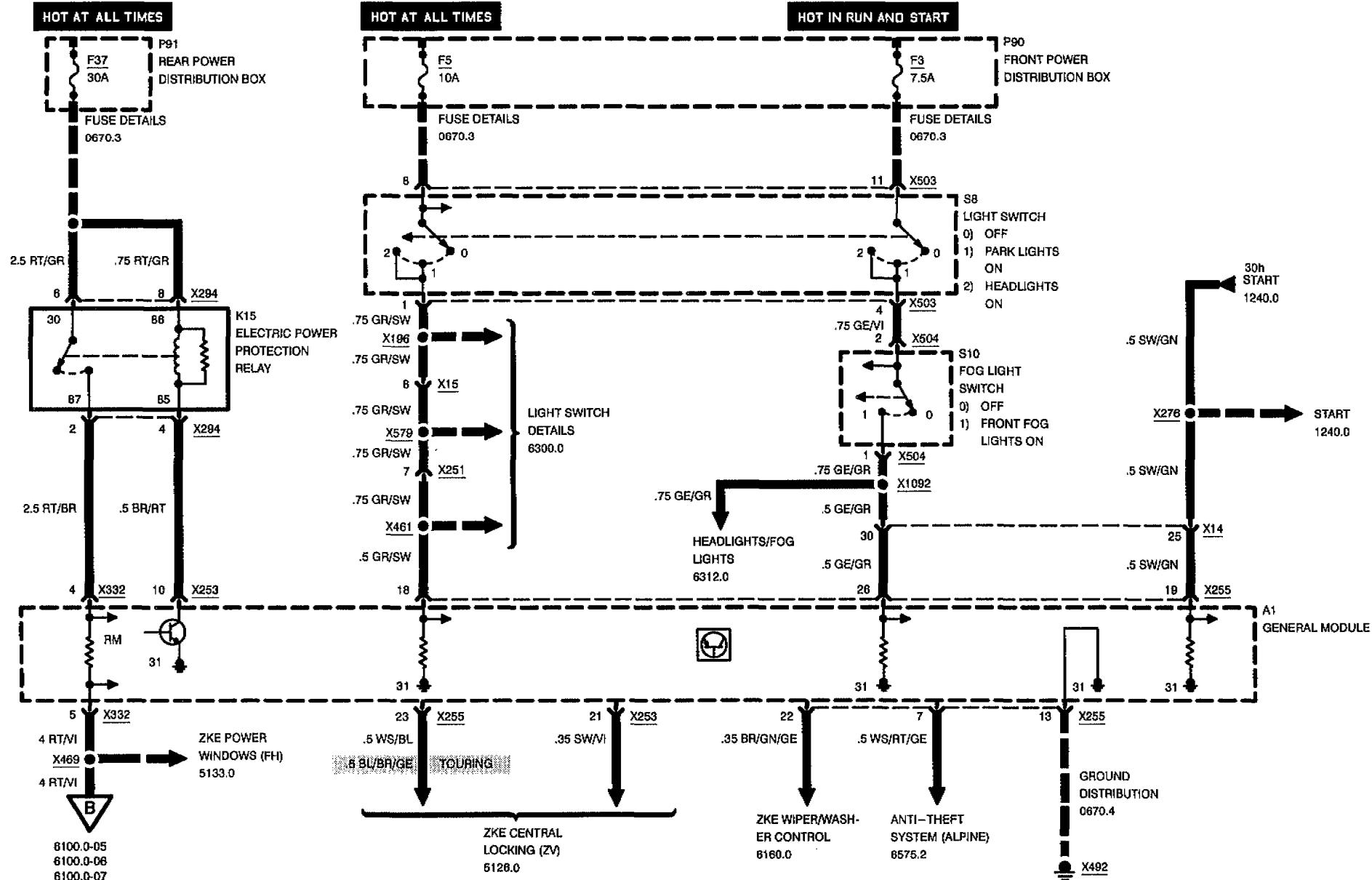
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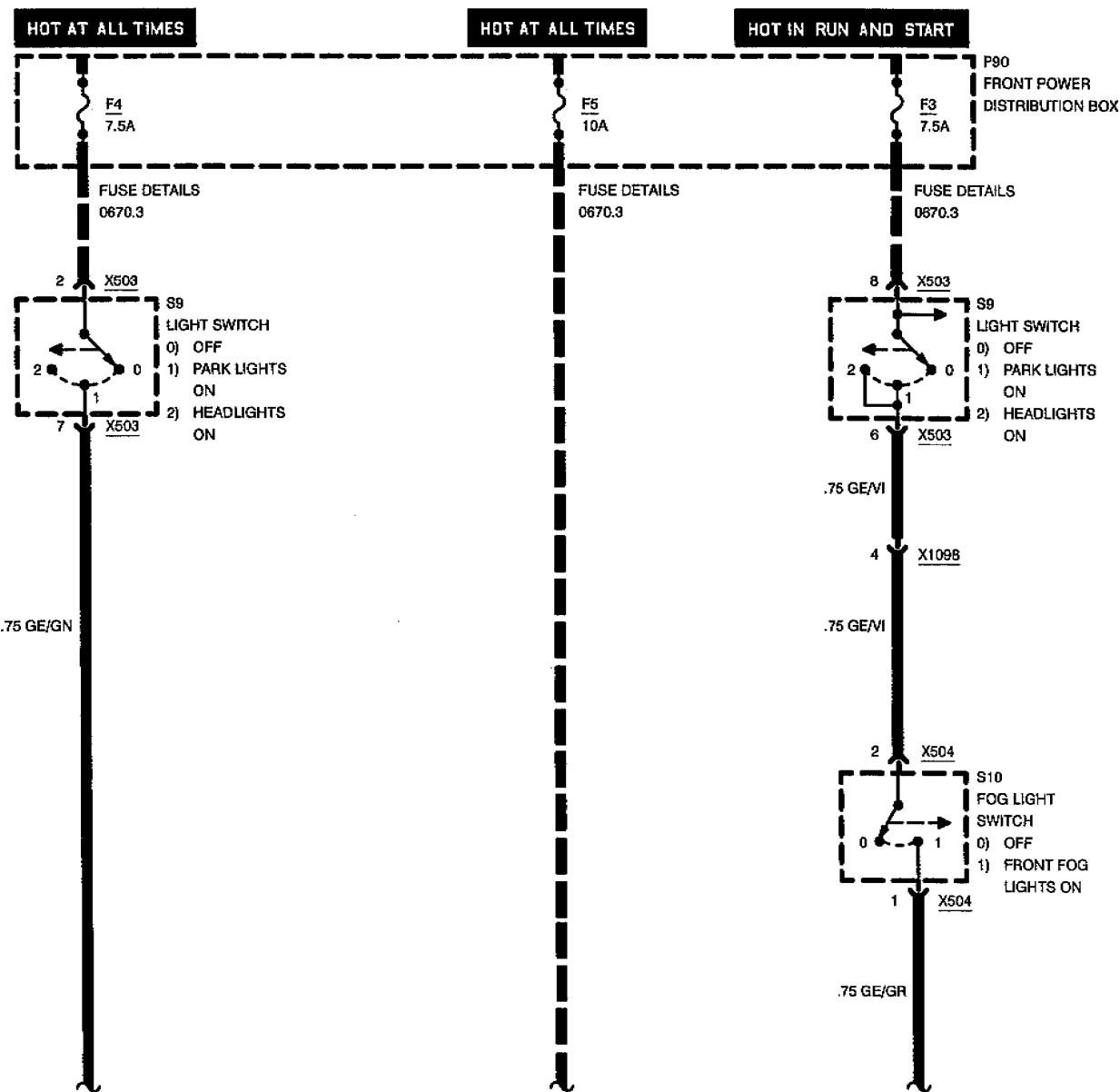


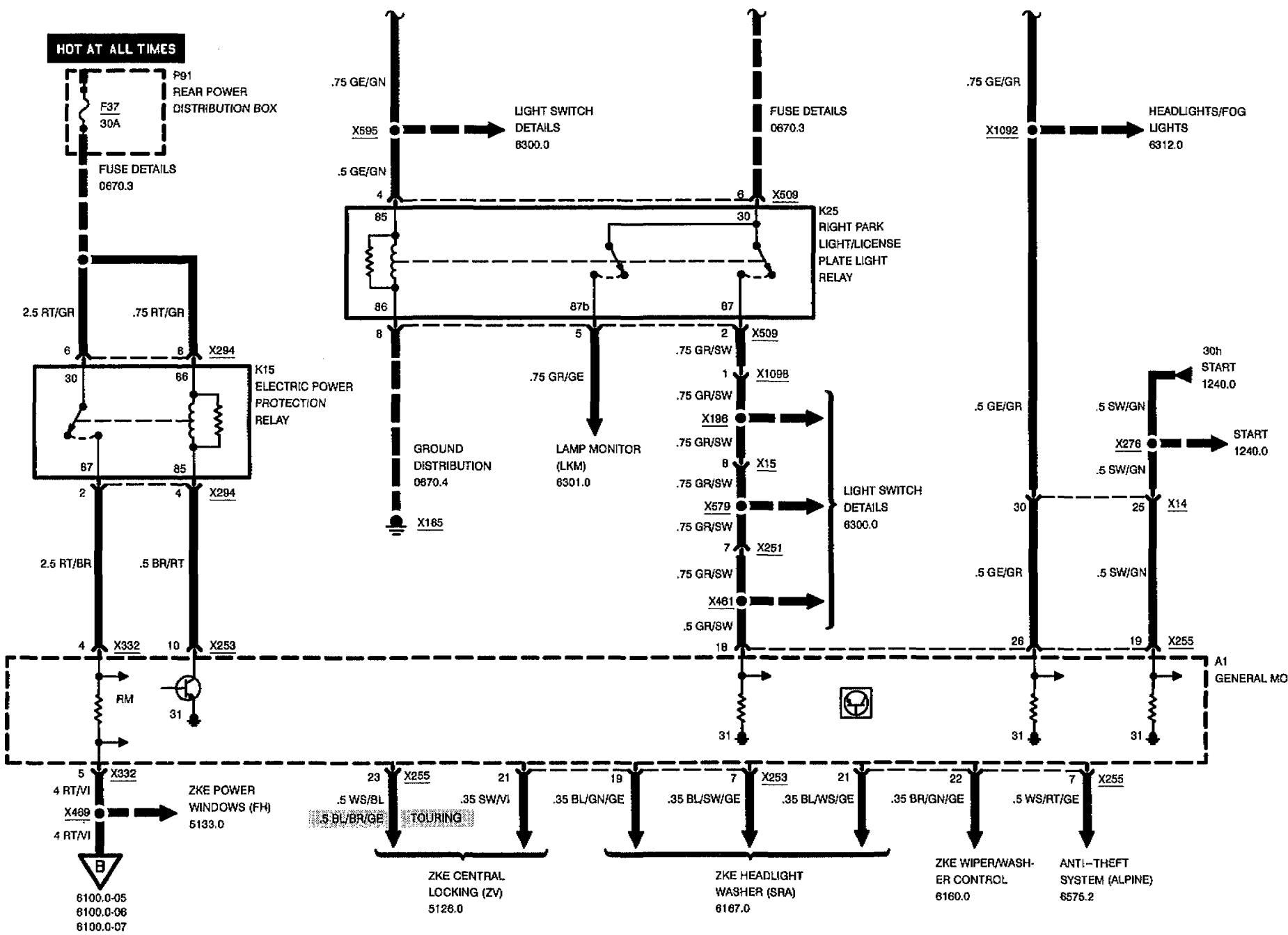
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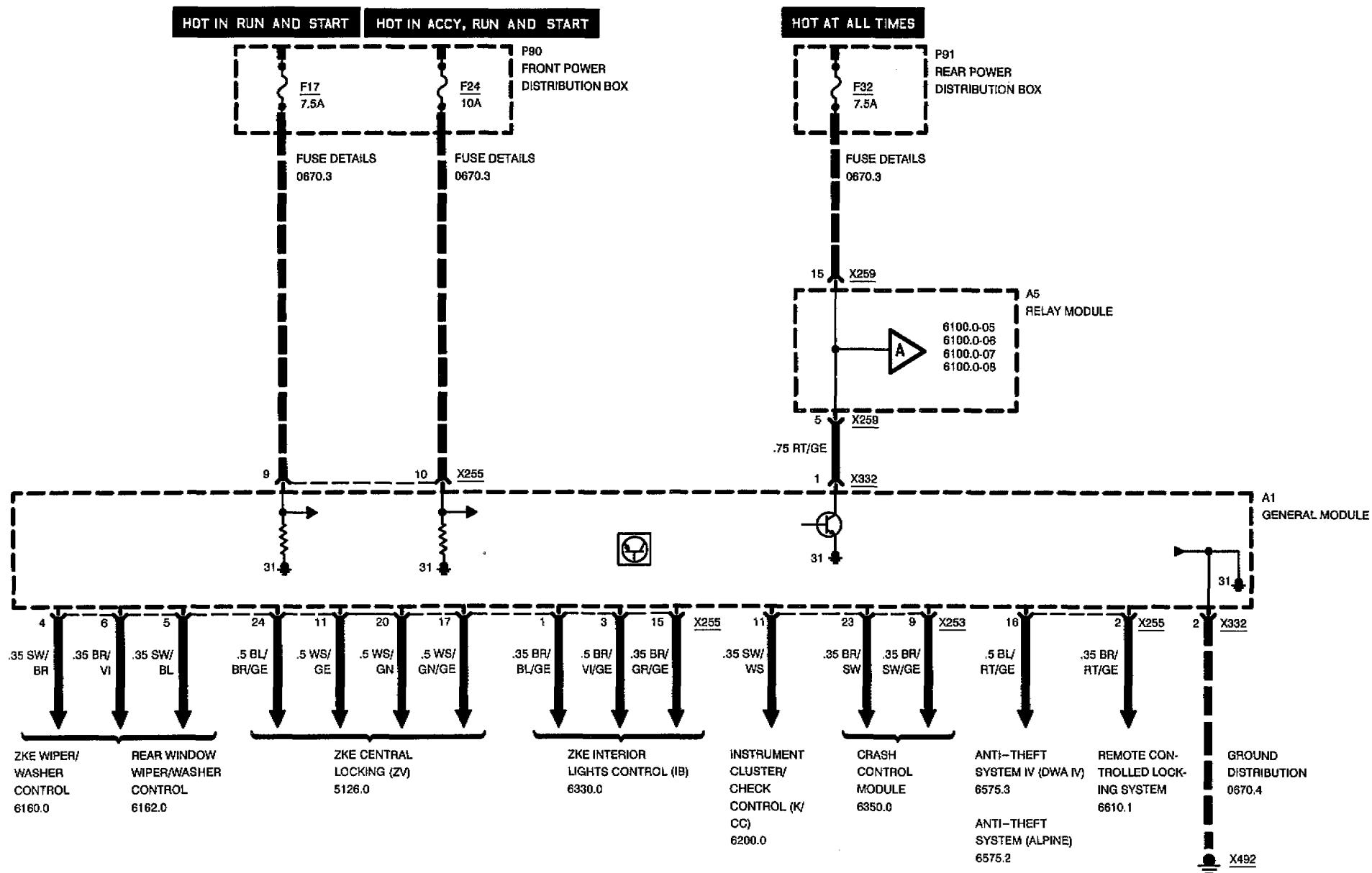
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1995











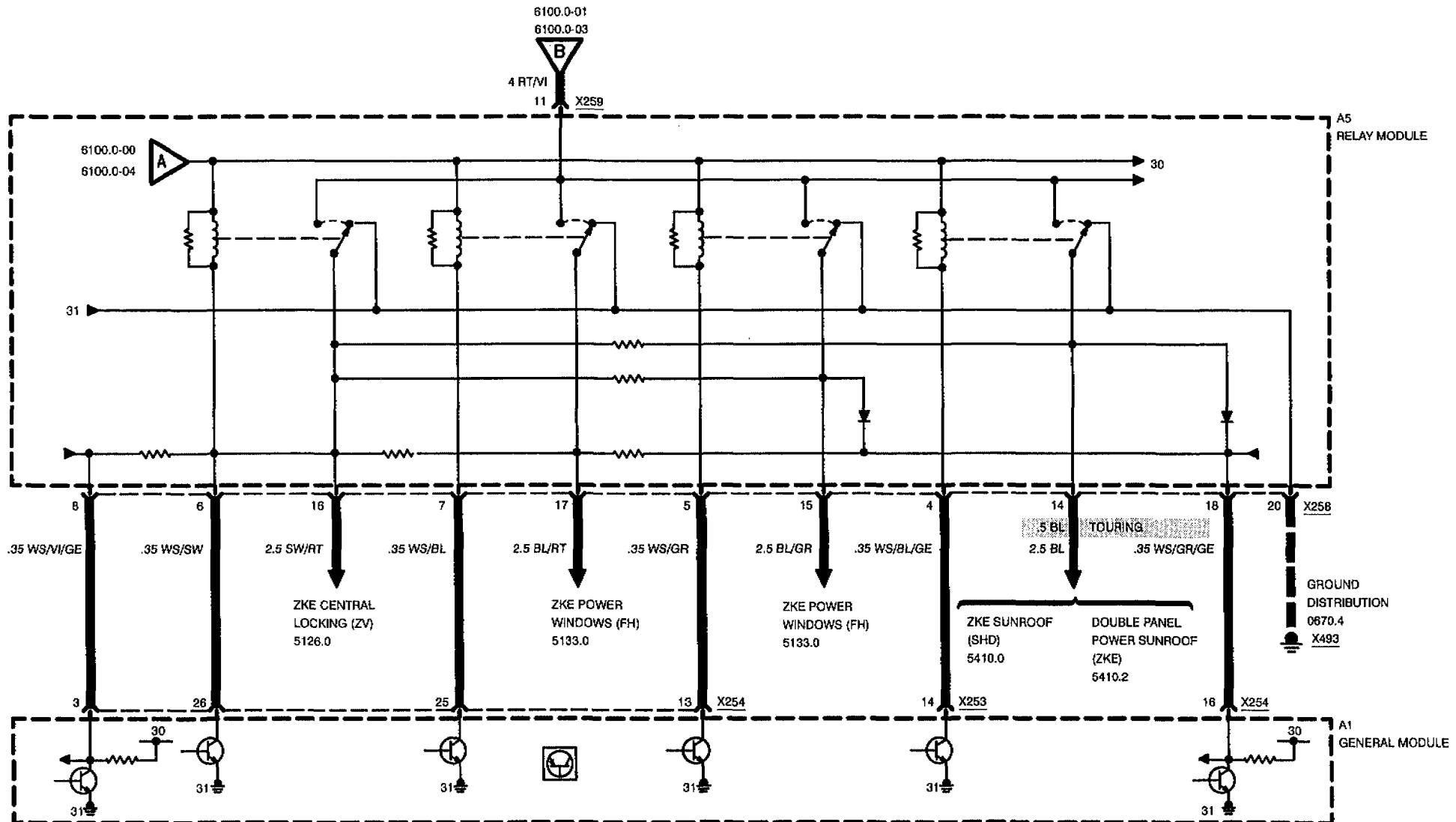
# CENTRAL BODY ELECTRONICS (ZKE)

## RELAY MODULE

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6100.0-05

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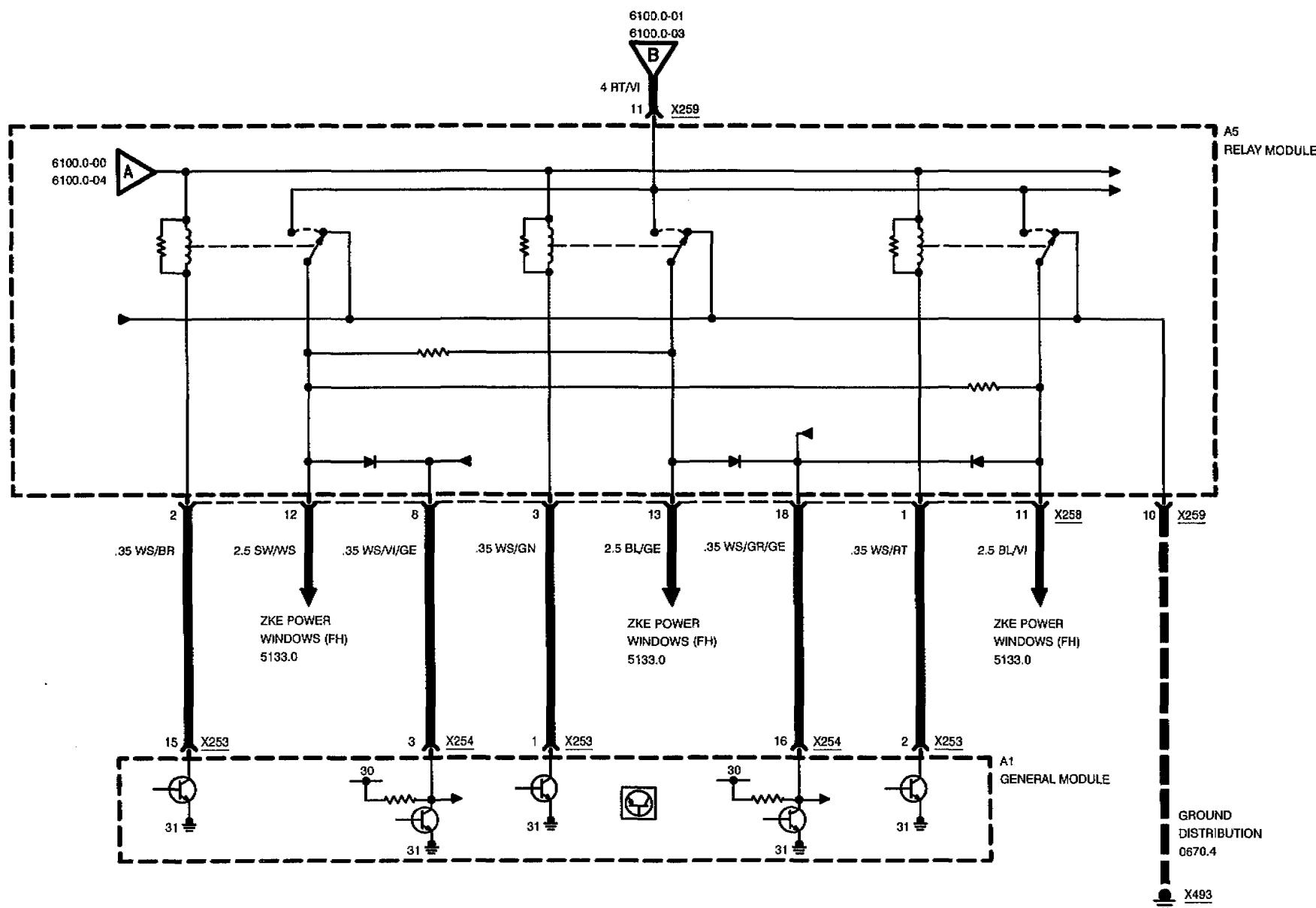
# CENTRAL BODY ELECTRONICS (ZKE)

## RELAY MODULE

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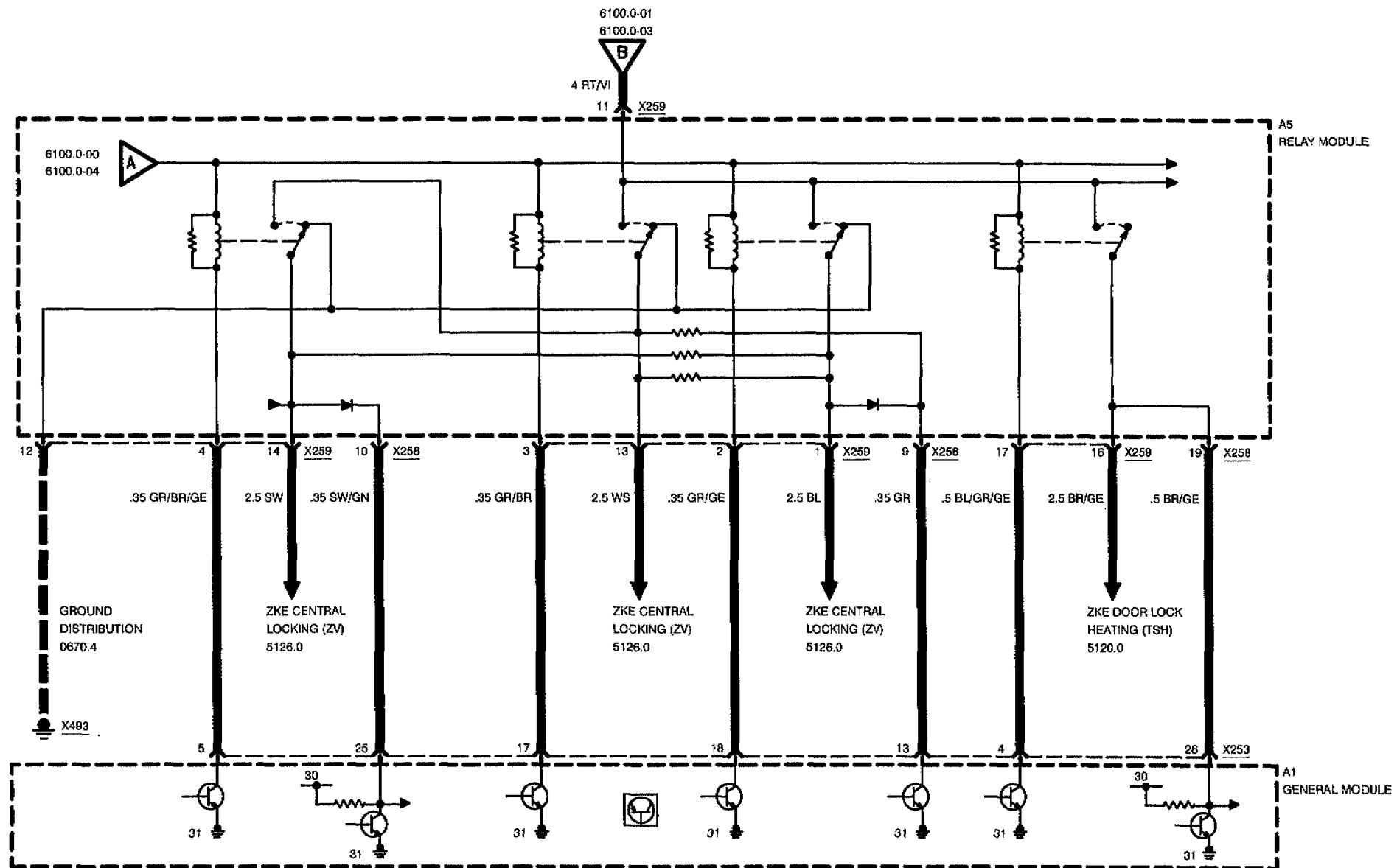


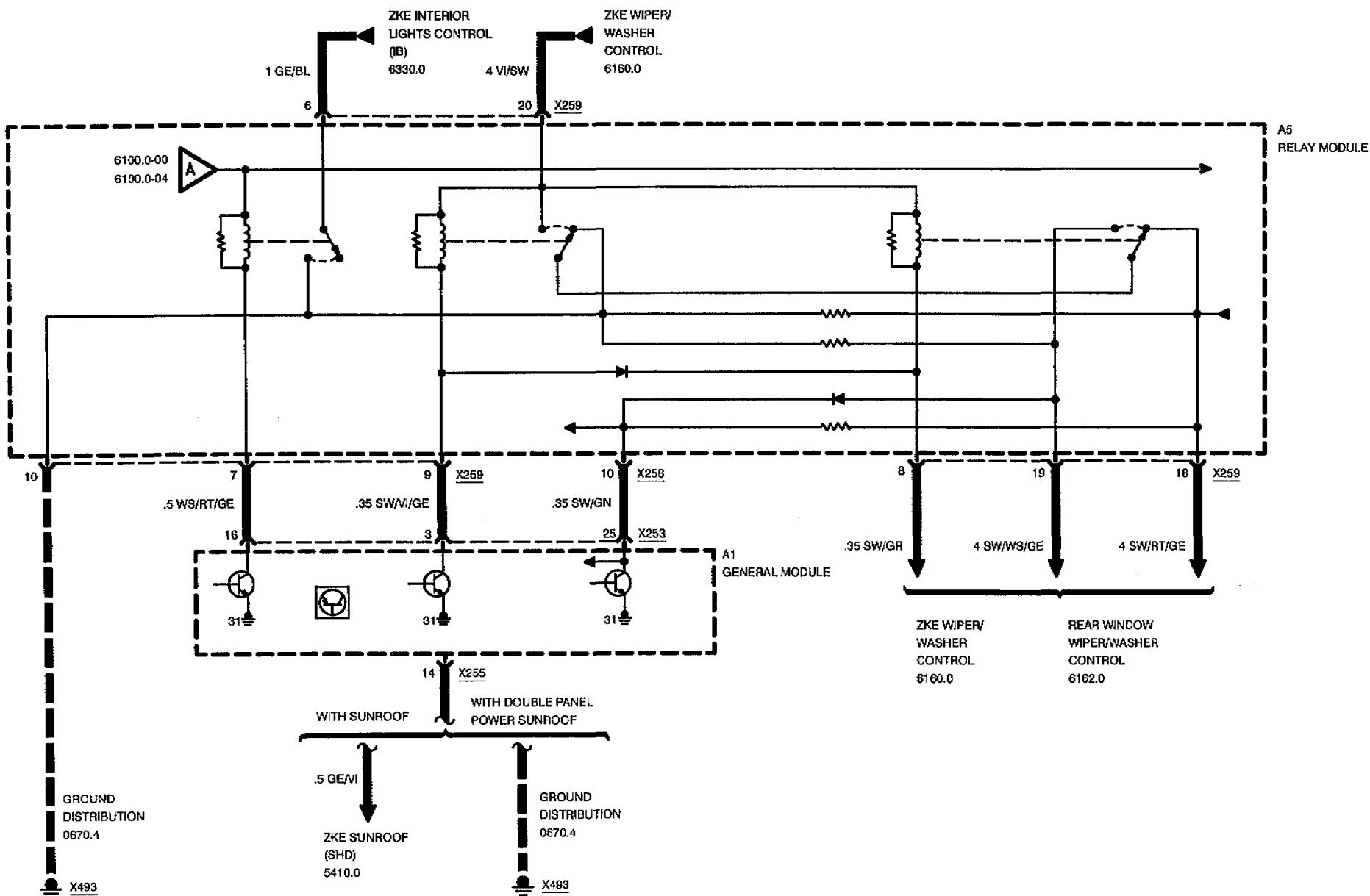
# CENTRAL BODY ELECTRONICS (ZKE) RELAY MODULE

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6100.0-07

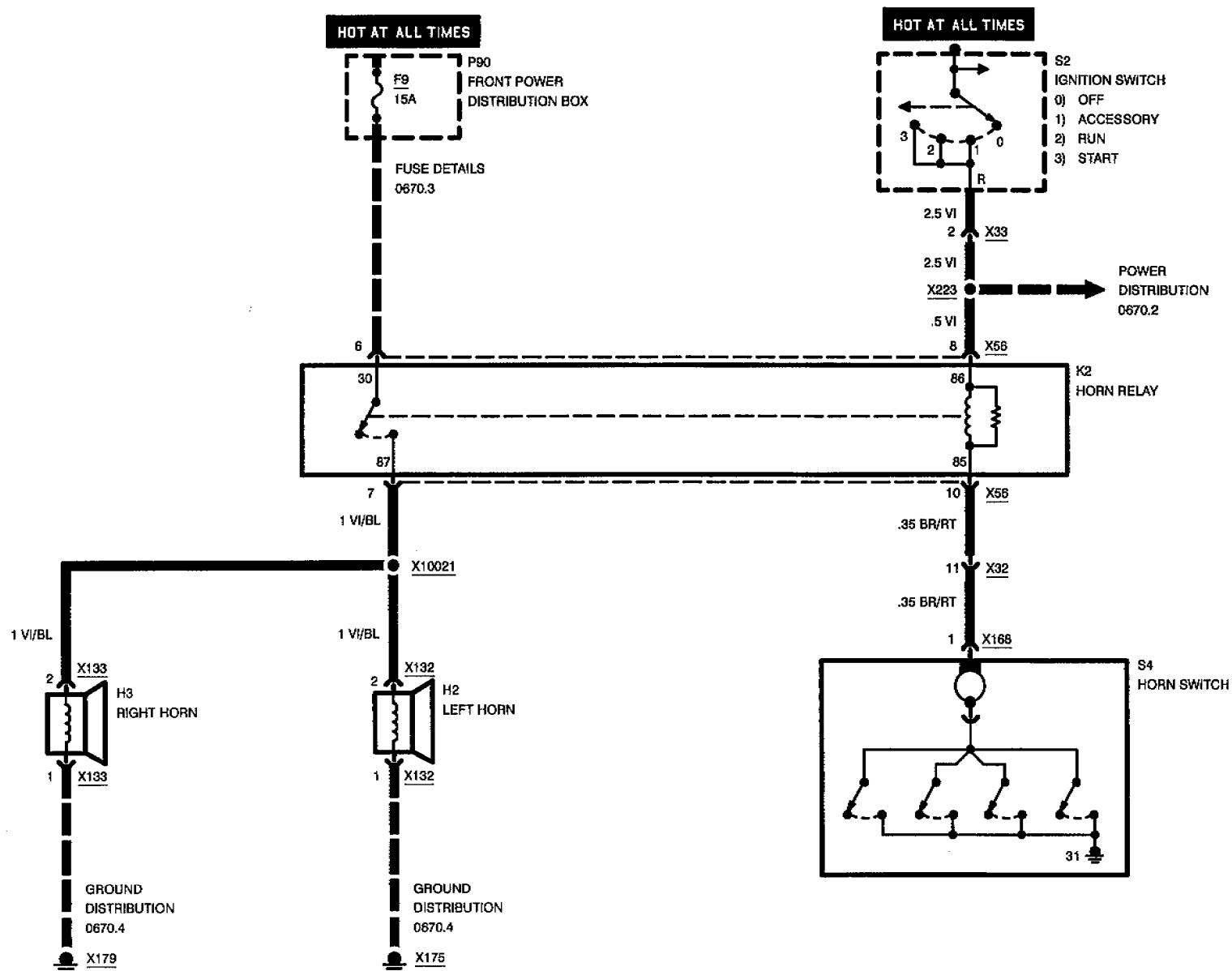
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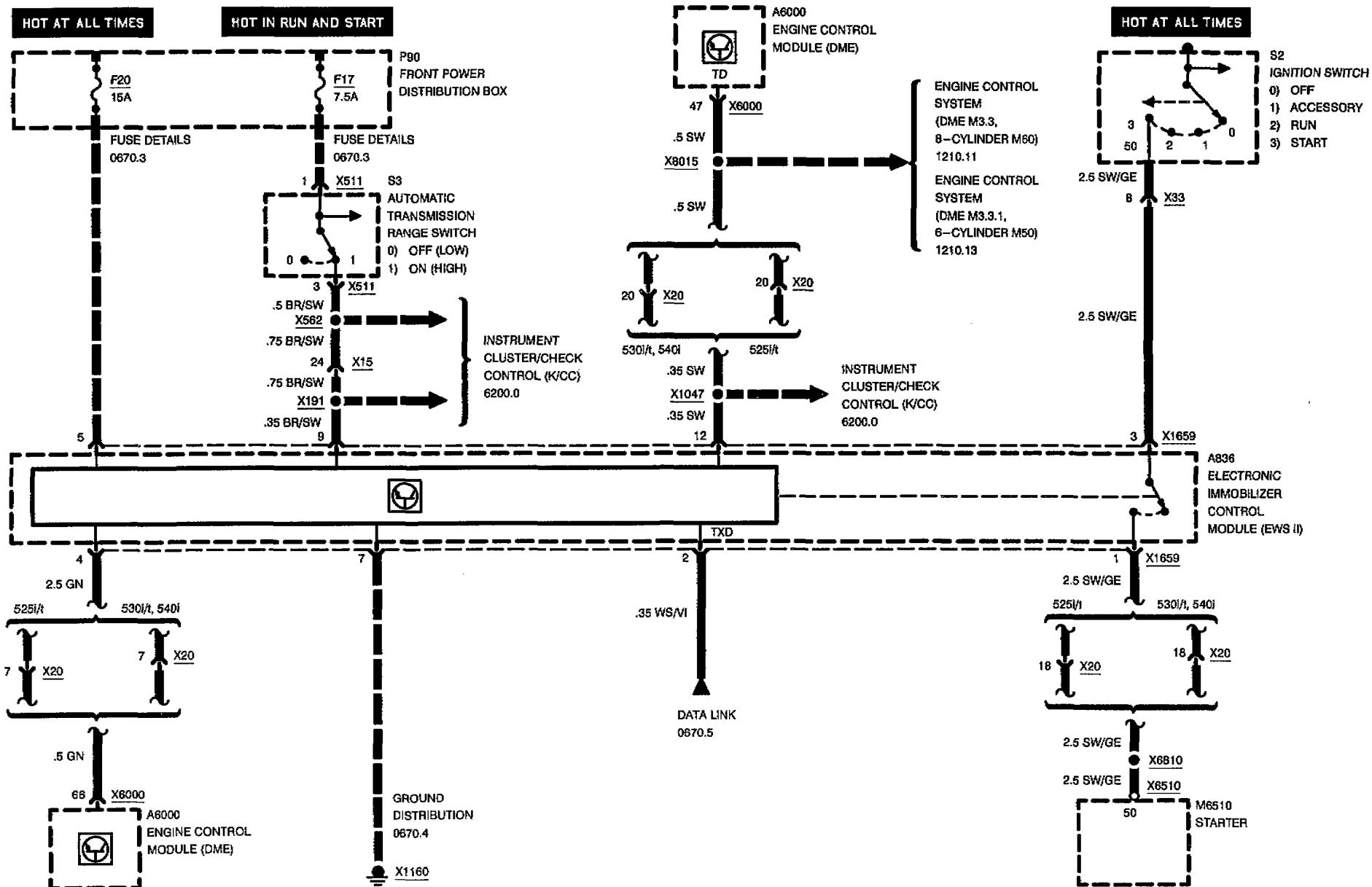


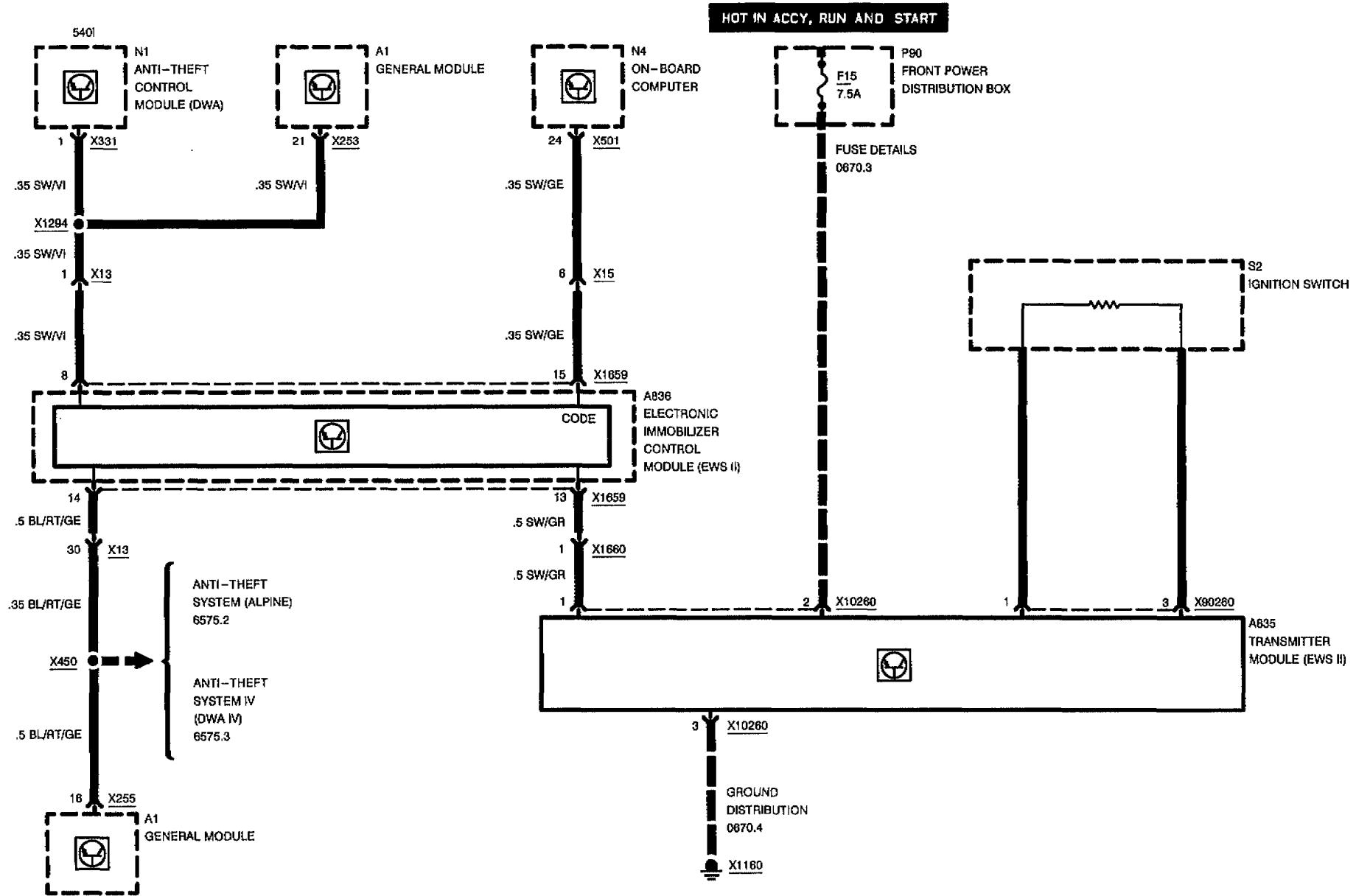
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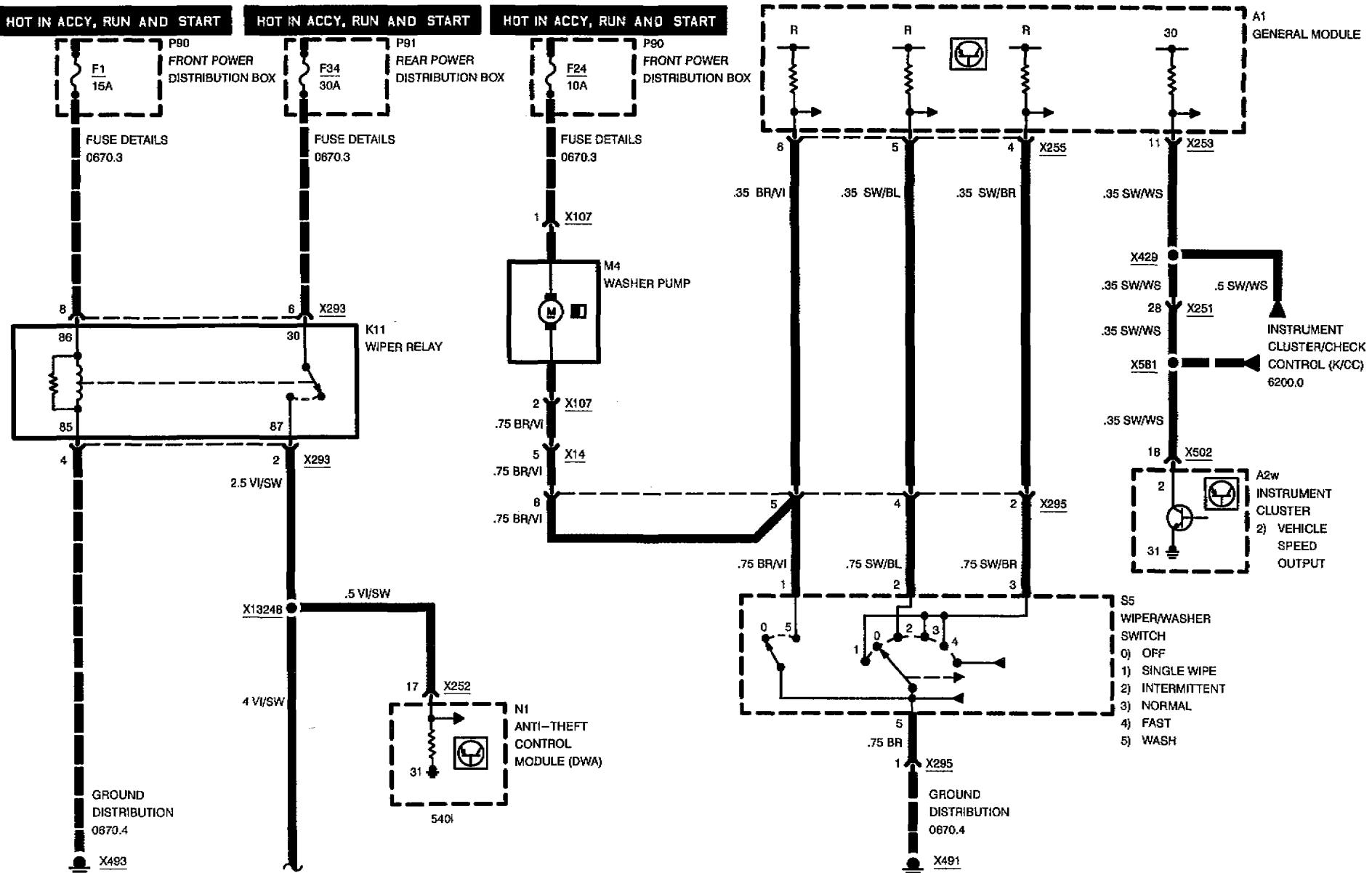


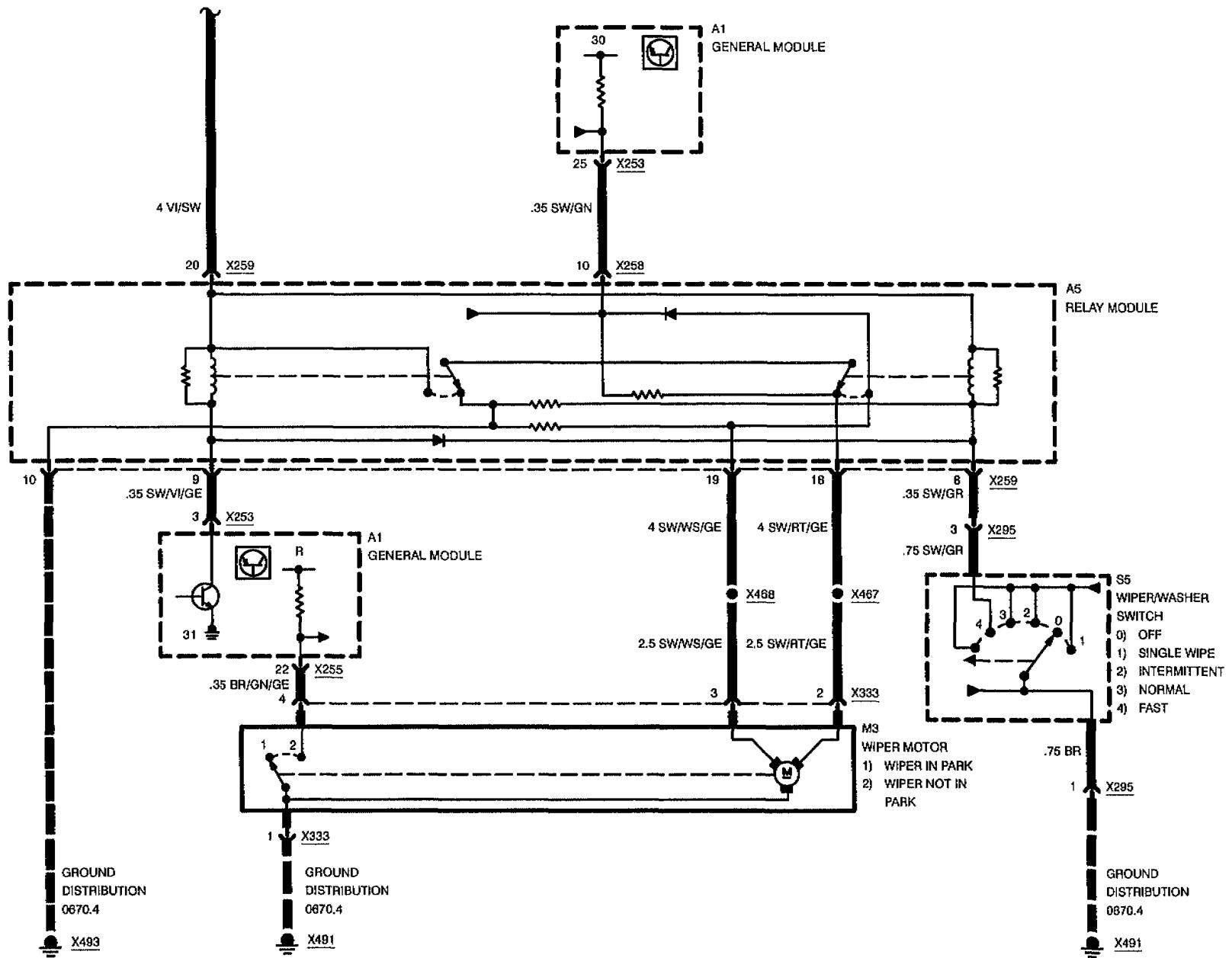


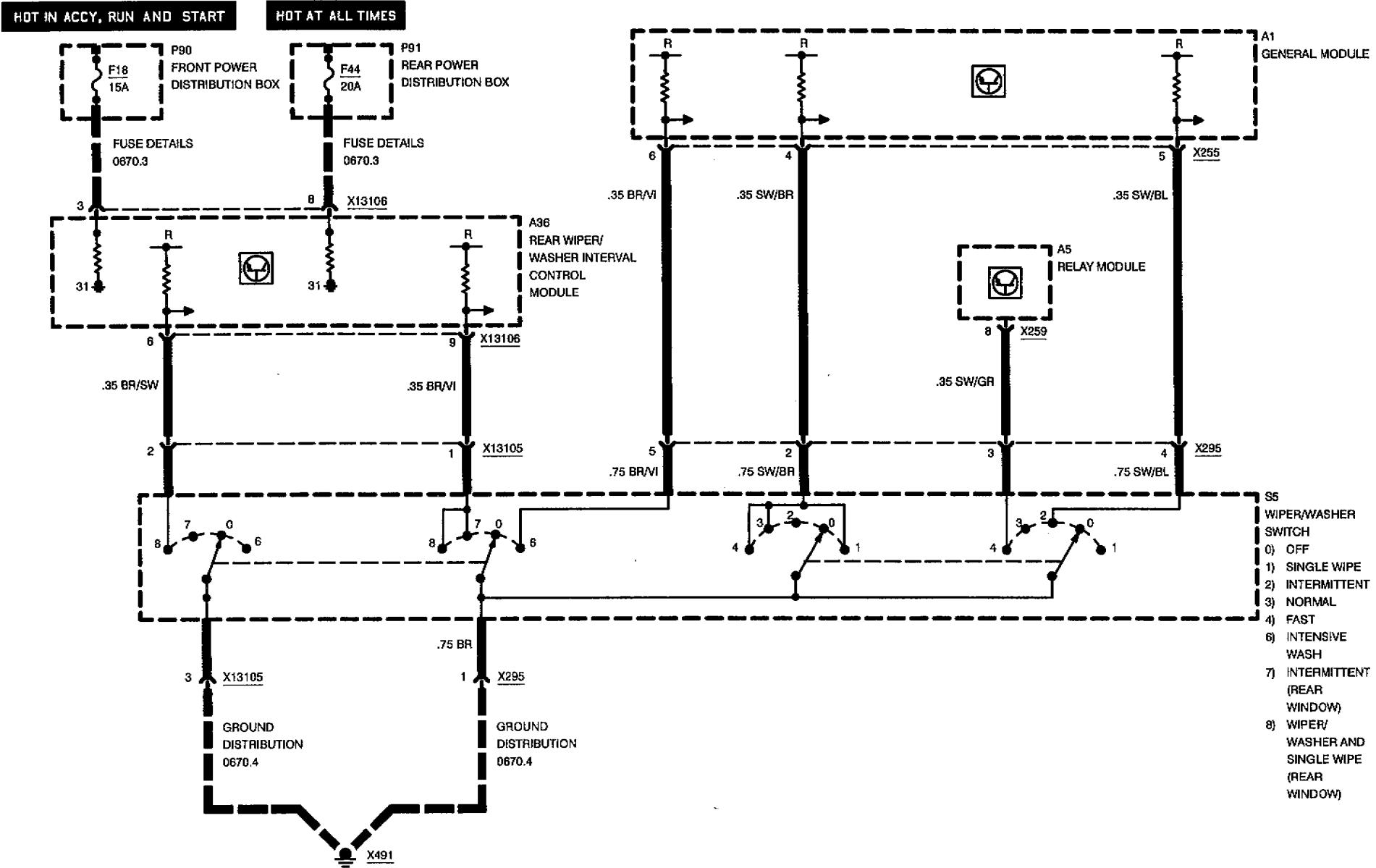
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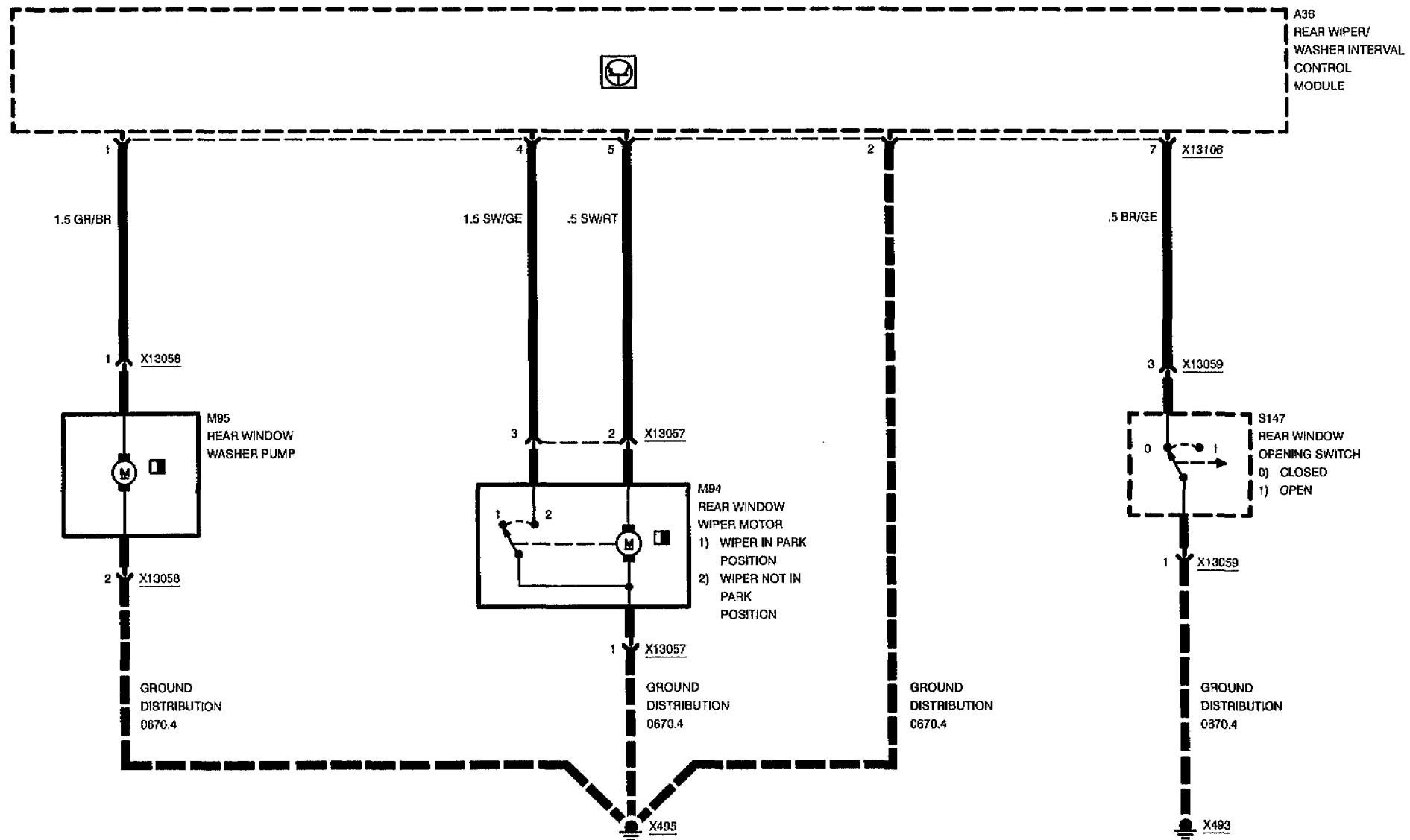




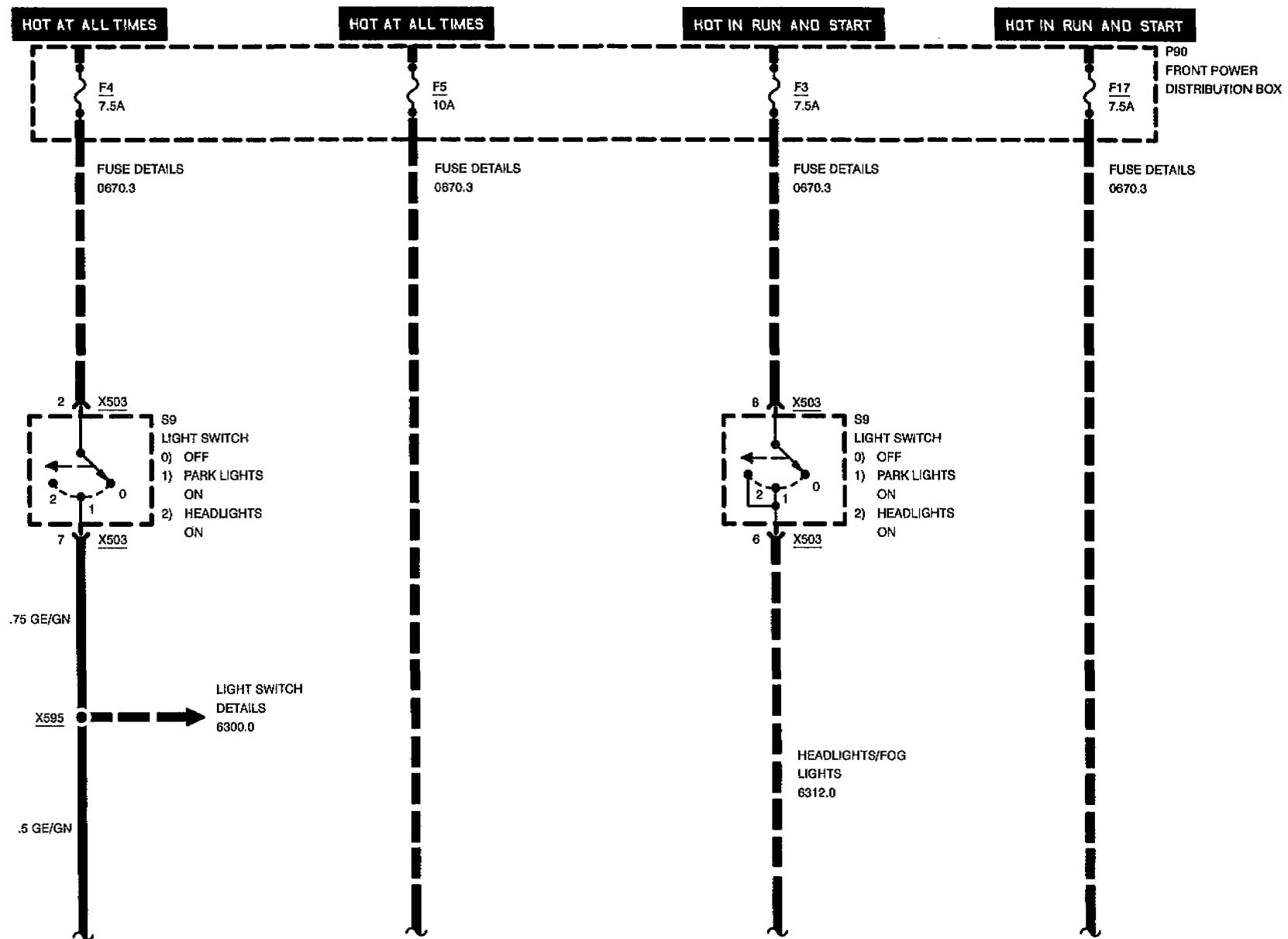


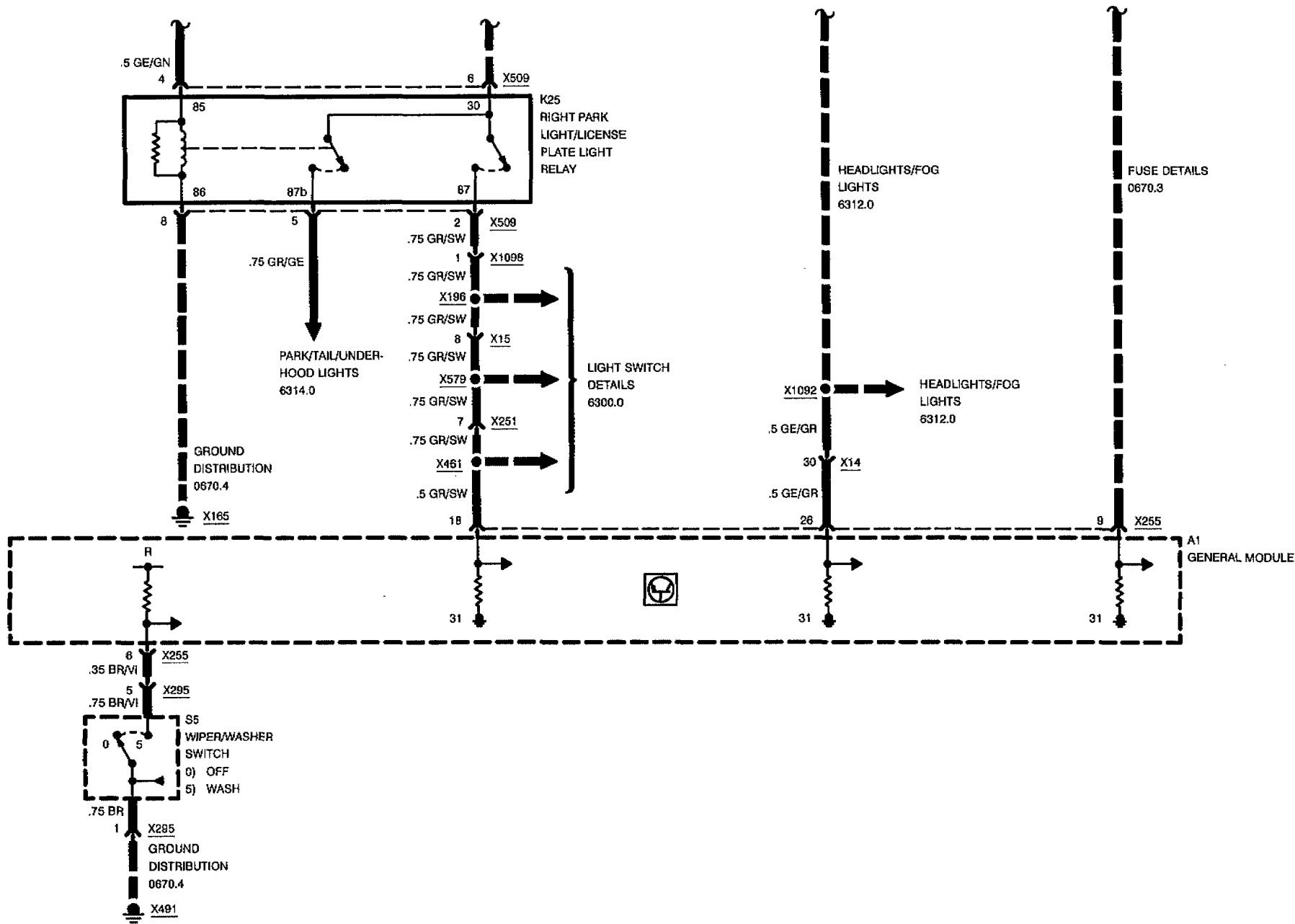






## INPUT DETAILS







# ZKE HEADLIGHT WASHER (SRA)

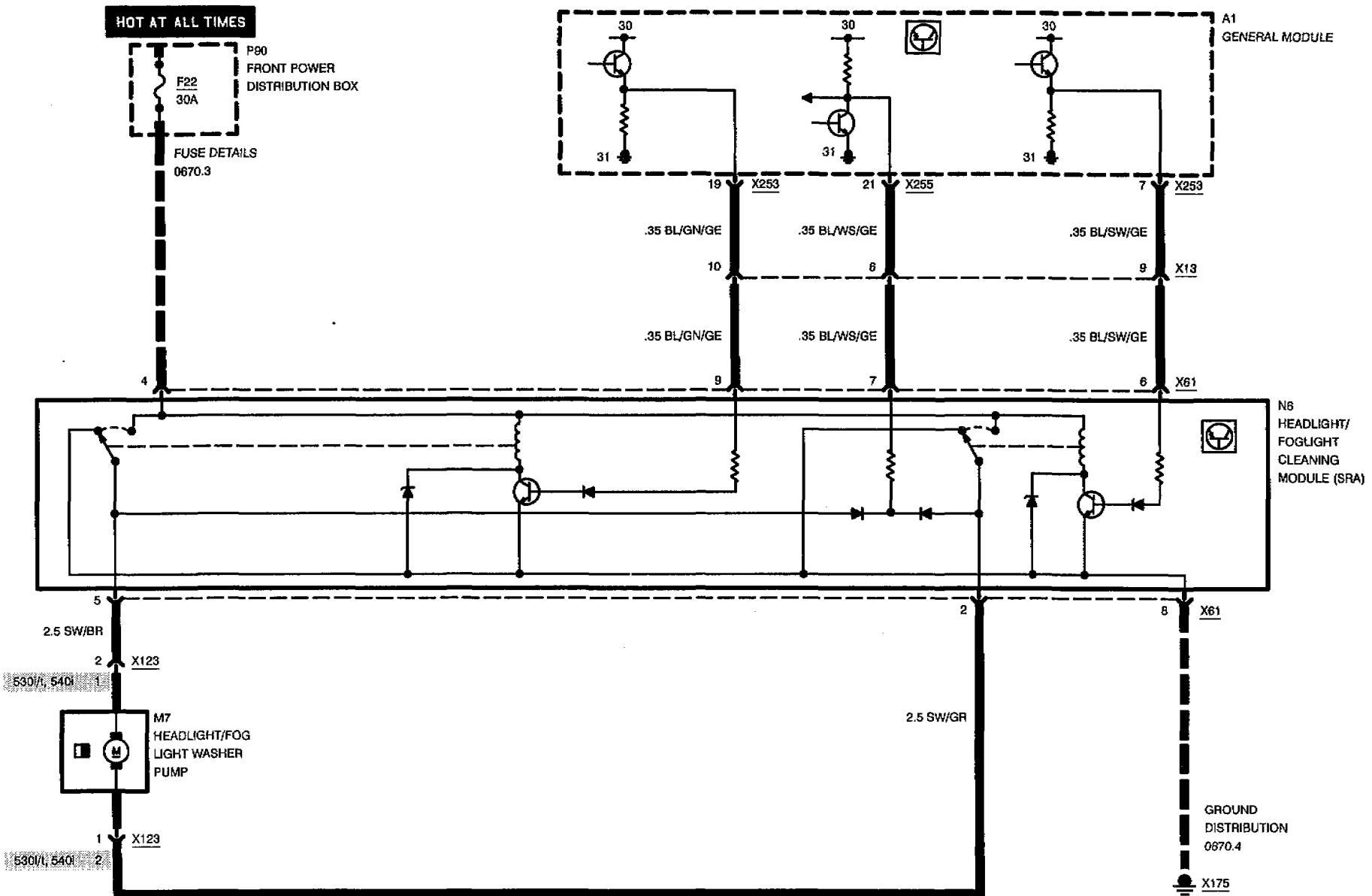
## OUTPUT DETAILS

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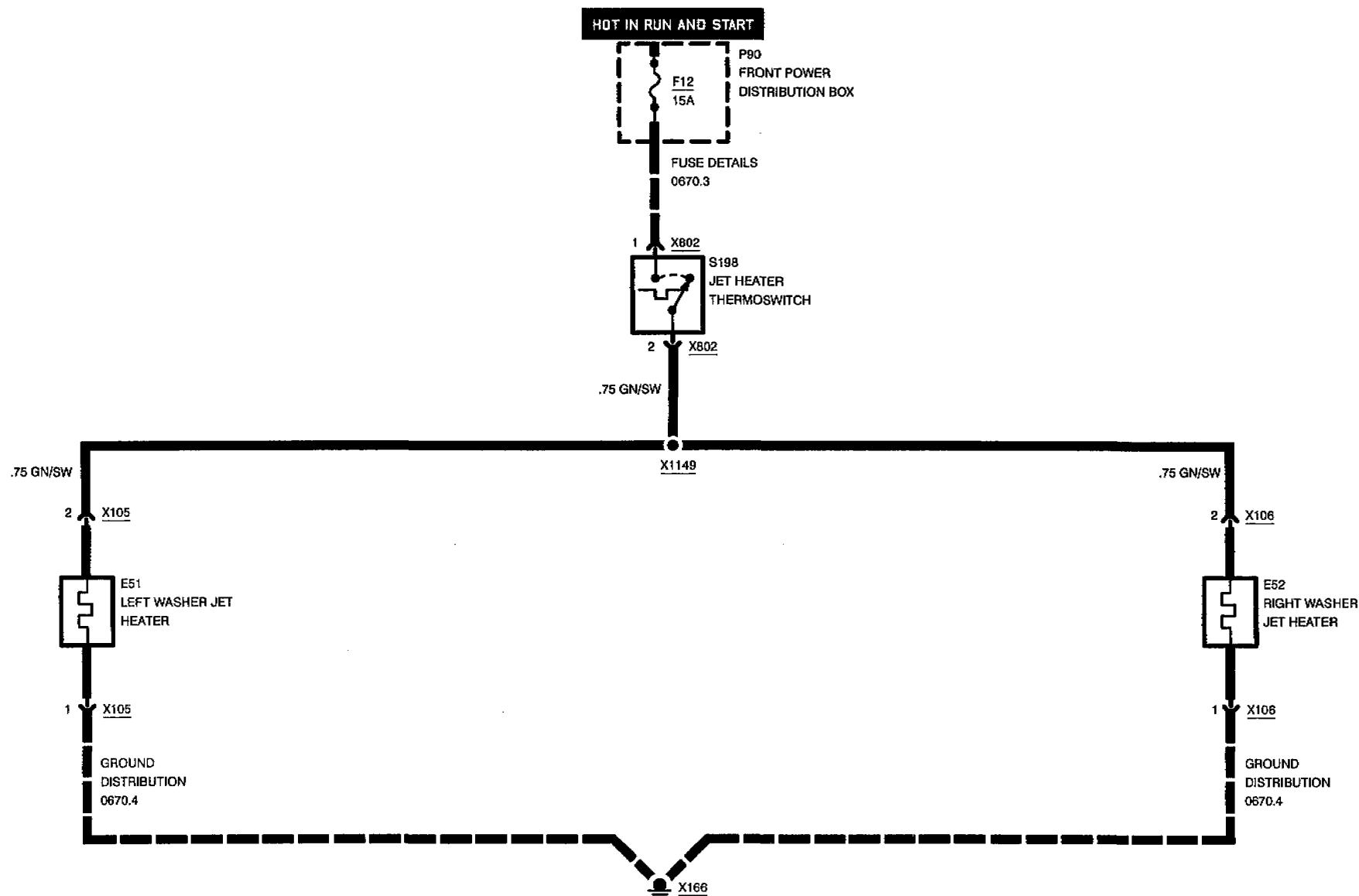
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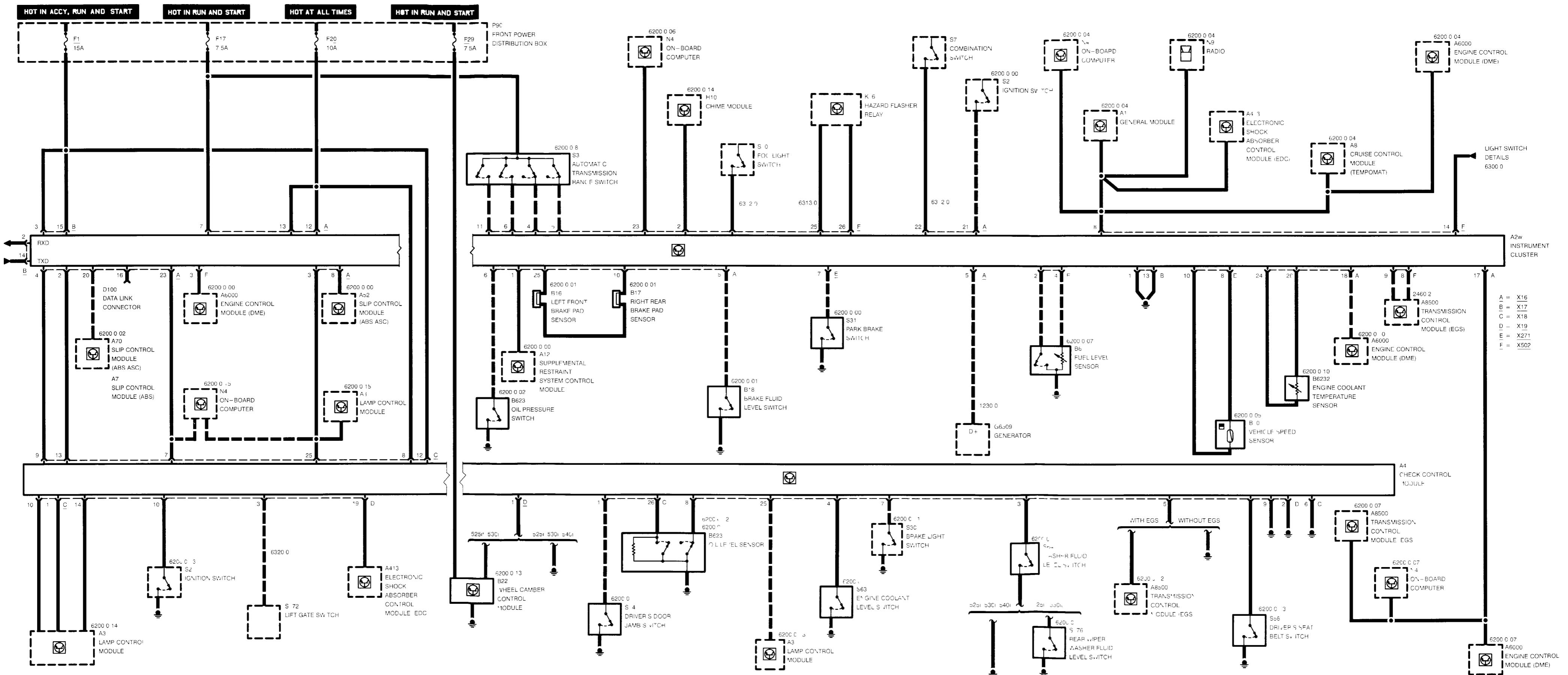
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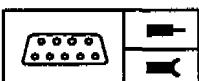


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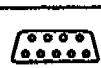
## Pin Assignments

A=X16	26 Pins, beige
B=X17	24 Pins, brown
C=X18	26 Pins, blue
D=X19	26 Pins, green
E=X271	12 Pins, gray
F=X502	26 Pins, white

### X16

Pin	Type	Description/Function	Connect
1	A	Airbag warning lamp (SRS) control	Supplemental restraint system control module
2	E	Data line	Check control module
3	A	Data line	Check control module, lamp control module, on-board computer and radio
4	E	Data line	Check control module
5	E	Charge indicator control	Generator
6	E	Oil pressure warning lamp control	Oil pressure switch
7	E	Terminal 15 voltage supply	Front power distribution box, fuse 17
8	E	ASC indicator control	Slip control module (ABS/ASC)
9		Not used	
10	M	Ground, brake pad signal	Brake pad sensors
11		Not used	
12	E	Terminal 30 voltage supply	Front power distribution box, fuse 20
13	E	Terminal 30 voltage supply	Front power distribution box, fuse 20
14		Not used	
15	E	Brake fluid warning lamp control	Brake fluid level switch
16	A	SIA reset/service interval indicator reset	Data link connector
17	E	ti signal for fuel economy	Engine control module (DME)
18	E	TD signal for tachometer	Engine control module (DME)
19		Not used	
20	E	Antilock brake system warning lamp (ABS) control	ABS electronic control module or slip control module (ABS/ASC)

E = Input, A = Output, M = Ground



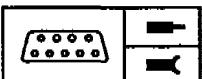
## Pin Assignments

Pin	Type	Description/Function	Connect
21	E	Airbag warning lamp (SRS) control	Ignition switch, terminal R
22	E	High beam indicator control	Combination switch
23	A	Data line	Check control module, on-board computer and radio
24	M	Engine coolant temperature sensor ground	Engine coolant temperature sensor
25	E	Brake pad wear warning lamp control	Brake pad sensors
26	E	Temperature gauge signal	Engine coolant temperature sensor

## X17

Pin	Type	Description/Function	Connect
1	M	Ground	Ground point
2	E	RxD diagnostic data link	Data link connector
3	E	Terminal R voltage supply	Front power distribution box, fuse 1
4		Cluster programming	NV-RAM
5		Cluster programming	NV-RAM
6		Cluster programming	NV-RAM
7		Cluster programming	NV-RAM
8		Cluster programming	NV-RAM
9		Cluster programming	NV-RAM
10		Cluster programming	NV-RAM
11		Cluster programming	NV-RAM
12		Cluster programming	NV-RAM
13	M	Ground	Ground point
14	E/A	TxD diagnostic data link	Data link connector
15	E	Terminal R voltage supply	Front power distribution box, fuse 1
16		Cluster programming	NV-RAM
17		Cluster programming	NV-RAM
18		Cluster programming	NV-RAM
19		Cluster programming	NV-RAM
20		Cluster programming	NV-RAM
21		Cluster programming	NV-RAM

E = Input, A = Output, M = Ground



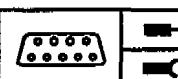
## Pin Assignments

Pin	Type	Description/Function	Connect
22		Cluster programming	NV-RAM
23		Cluster programming	NV-RAM
24		Cluster programming	NV-RAM

## X18

Pin	Type	Description/Function	Connect
1	E	Door open signal	Door jamb switch, driver's
2		Not used	
3		Not used	
4		Not used	
5		Not used	
6	M	Ground, control module	Ground point
7	E/A	Data line	Instrument cluster, on-board computer and radio
8	E	Terminal 30 voltage supply	Front power distribution box, fuse 20
9	A	Data line	Instrument cluster
10	E	Data line	Lamp control module
11	E	Data line	Lamp control module
12	E	Terminal R voltage supply	Front power distribution box, fuse 1
13	A	Data line	Instrument cluster
14		Not used	
15		Not used	
16		Not used	
17		Not used	
18		Not used	
19		Not used	
20		Not used	
21		Not used	
22		Not used	
23		Not used	
24		Not used	

E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connect
25	E	Data line	Instrument cluster, on-board computer, lamp control module and radio
26	E	Oil level signal	Oil level sensor

## X19

Pin	Type	Description/Function	Connect
1	M	Ground (525i, 530i, 540i)	Ground point
	E	Wheel camber signal (525it, 530it)	Wheel camber control module
2	M	Ground, control module	Ground point
3	E	Washer fluid level signal	Washer fluid level switch
4	E	Engine coolant level signal	Engine coolant level switch
5	M	Ground (without EGS)	Ground point
	E	EGS fault signal (with EGS)	Transmission control module (EGS)
6		Not used	
7	E	Brake pedal status	Brake light switch
8	E	Oil level signal	Oil level sensor
9	M	Ground	Ground point
10	E	Ignition switch status	Ignition switch
11	E	Seat belt status	Seat belt switch, driver's
12		Not used	
13	E	Lift gate open signal (525it, 530it)	Lift gate open switch
14	E	Data line	Lamp control module
15		Not used	
16		Not used	
17		Not used	
18		Not used	
19	E	EDC III+	EDC module
20		Not used	
21		Not used	
22		Not used	
23		Not used	
24		Not used	

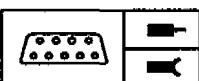
E = Input, A = Output, M = Ground



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## Pin Assignments

Pin	Type	Description/Function	Connect
25		Light switch ON signal	Lamp control module
26		Not used	

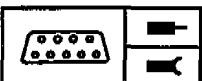
## X271

Pin	Type	Description/Function	Connect
1		Not used	
2	E	Fuel level warning signal	Fuel tank sensor
3		Not used	
4	E	Fuel level signal	Fuel tank sensor
5		Not used	
6		Not used	
7	E	Park brake warning lamp control	Park brake switch
8	E	Vehicle speed input (+)	Vehicle speed sensor
9		Not used	
10	E	Vehicle speed input (-)	Vehicle speed sensor
11		Not used	
12		Not used	

## X502

Pin	Type	Description/Function	Connect
1	E	Fog light indicator control	Fog light switch
2	A	Sound tone signal	Chime module
3	E	"Check engine" indicator control	Engine control module (DME)
4	E	Gear range signal	Automatic transmission range switch (L2)
5	E	Gear range signal	Automatic transmission range switch (L1)
6	E	Gear range signal	Automatic transmission range switch (L3)
7		Not used	
8	E	Transmission mode signal	Transmission control module (EGS)
9	E	Transmission mode signal	Transmission control module (EGS)
10		Not used	

E = Input, A = Output, M = Ground



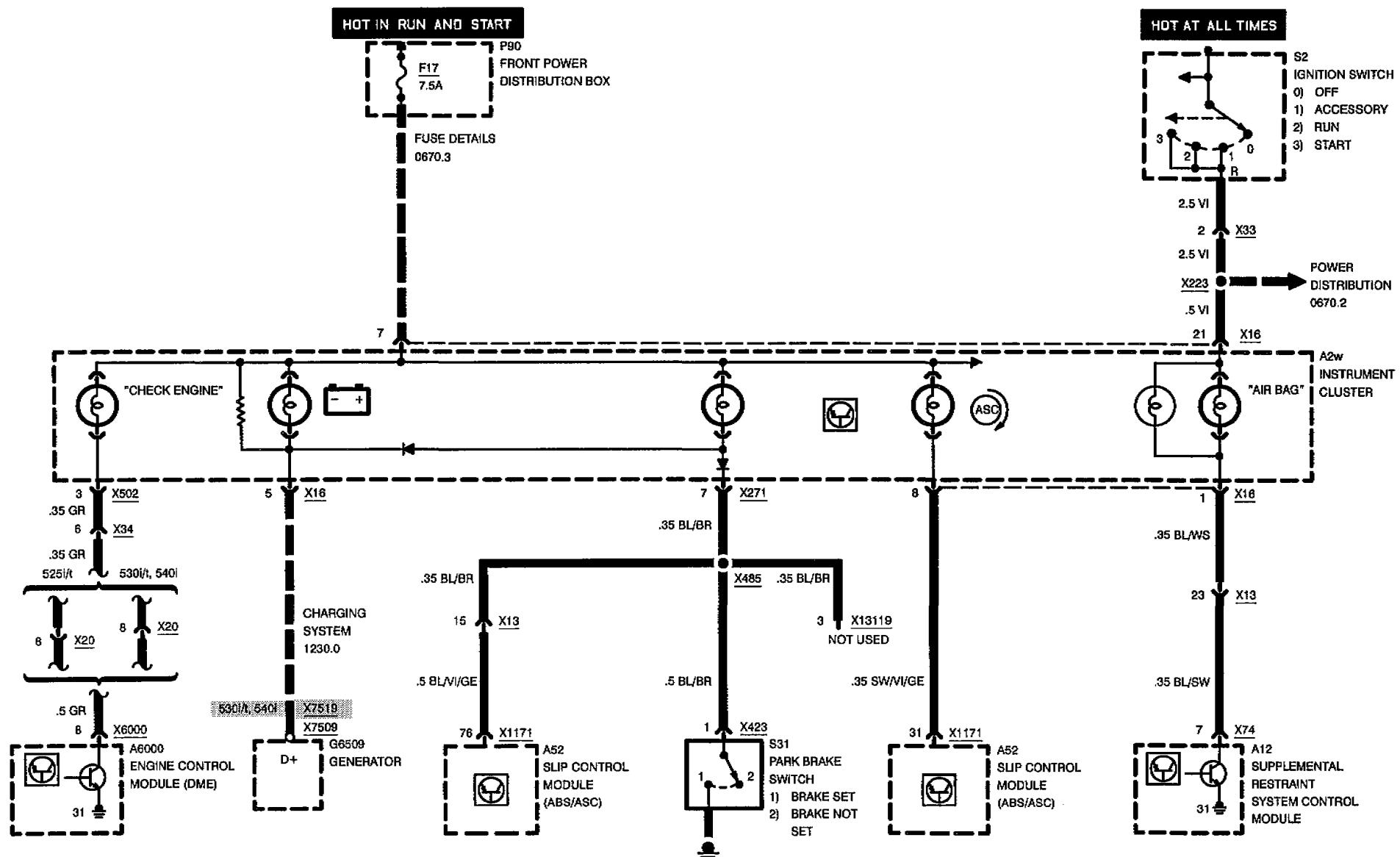
## Pin Assignments

Pin	Type	Description/Function	Connect
11	E	Gear range signal	Automatic transmission range switch (L4)
12		Not used	
13		Not used	
14	E	Terminal 58g, instrument illumination power	Dimmer
15		Not used	
16		Not used	
17		Not used	
18	A	Vehicle Speed signal	Various control modules
19		Not used	
20		Not used	
21		Not used	
22		Not used	
23	A	Check control reset signal	On-board computer
24		Not used	
25	E	Left turn signal indicator control	Hazard flasher relay
26	E	Right turn signal indicator control	Hazard flasher relay

E = Input, A = Output, M = Ground

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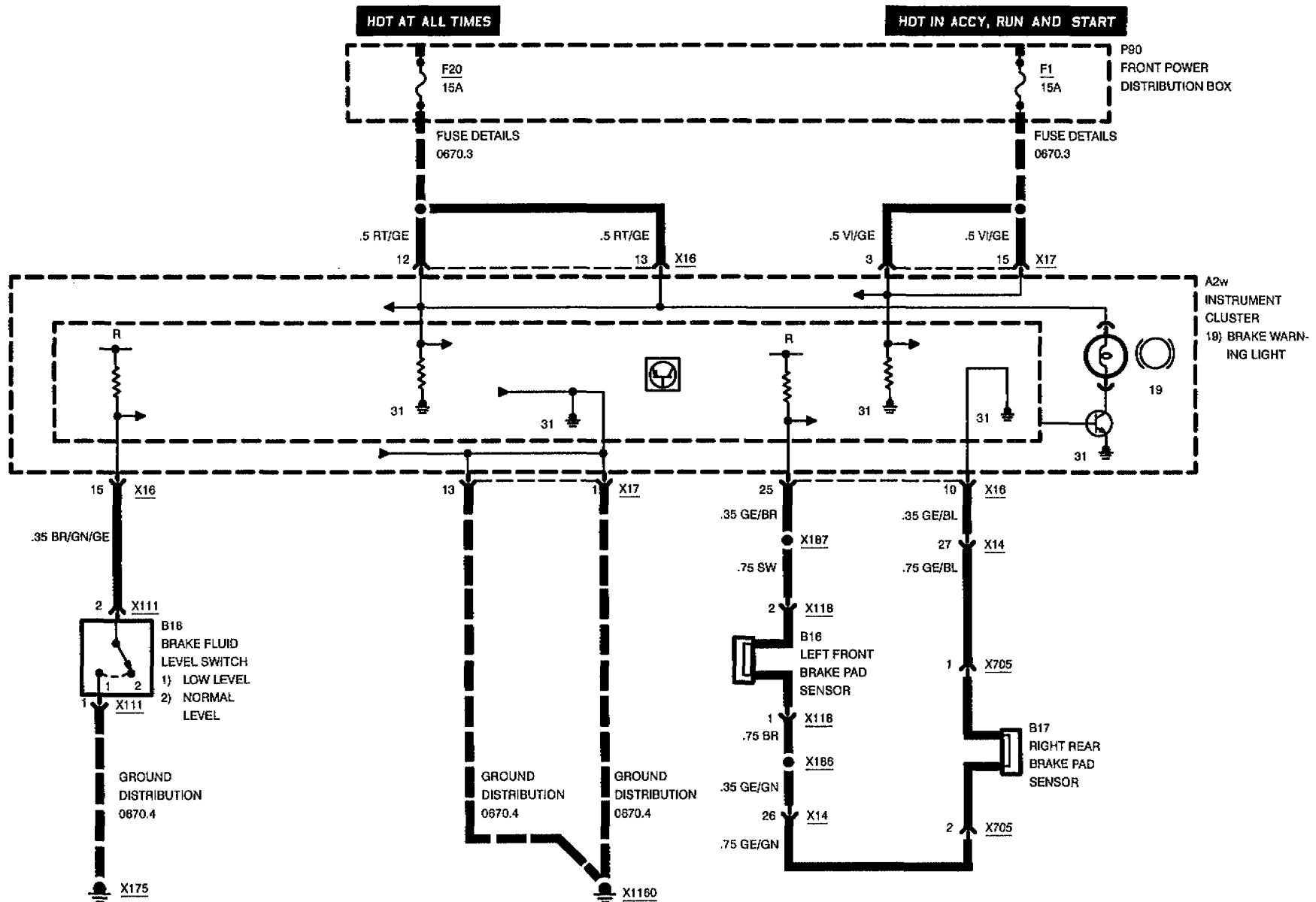
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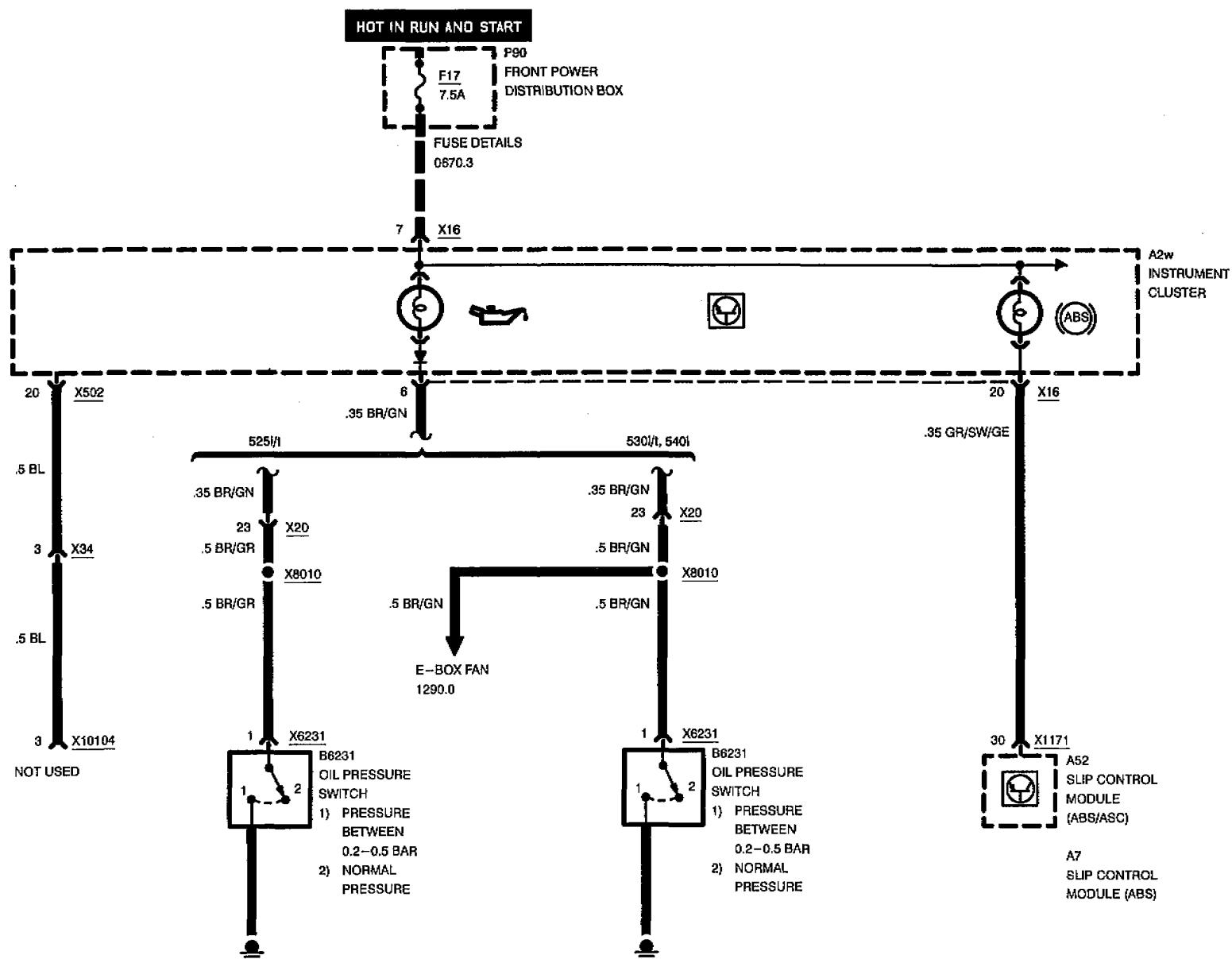
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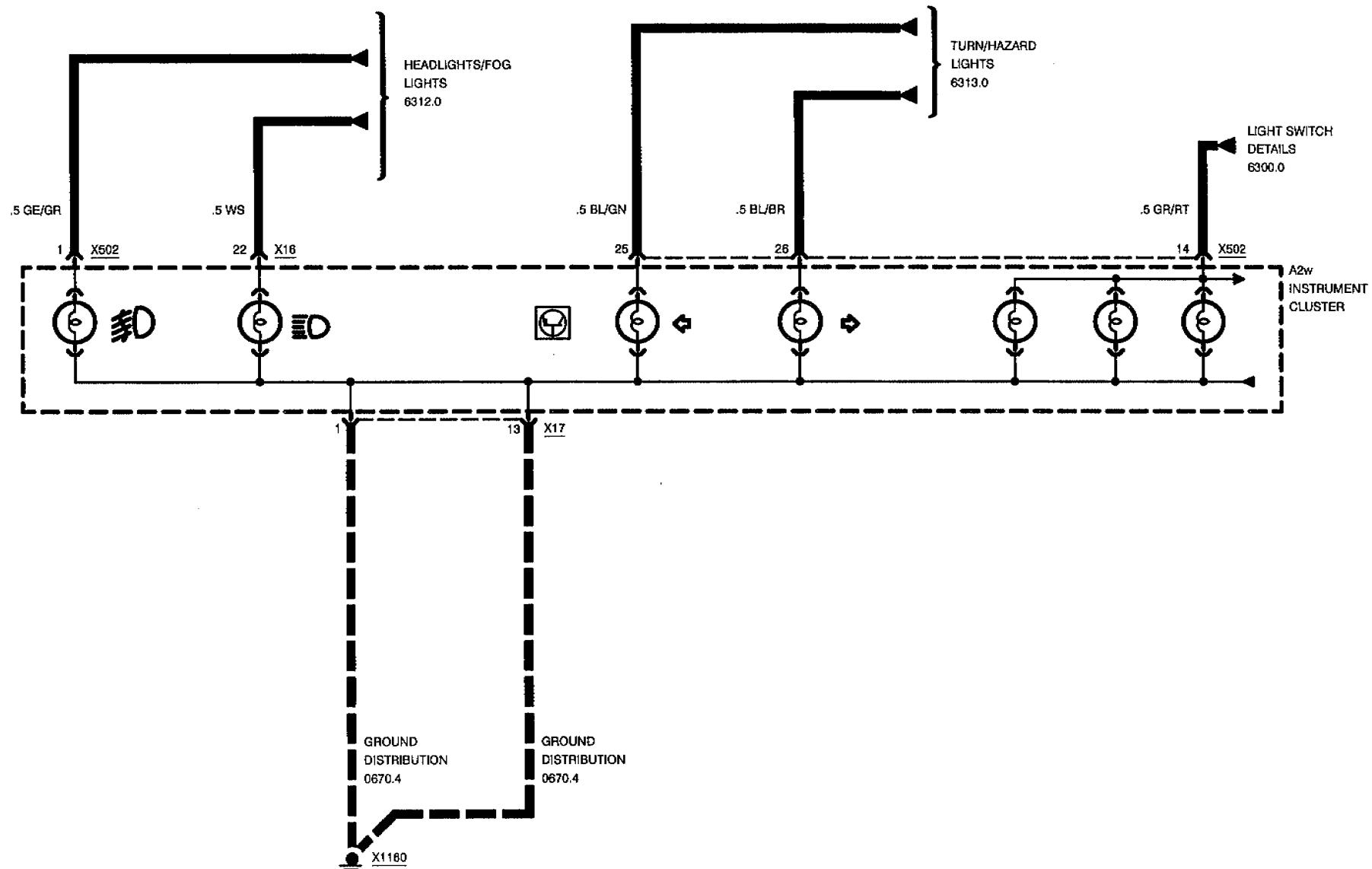
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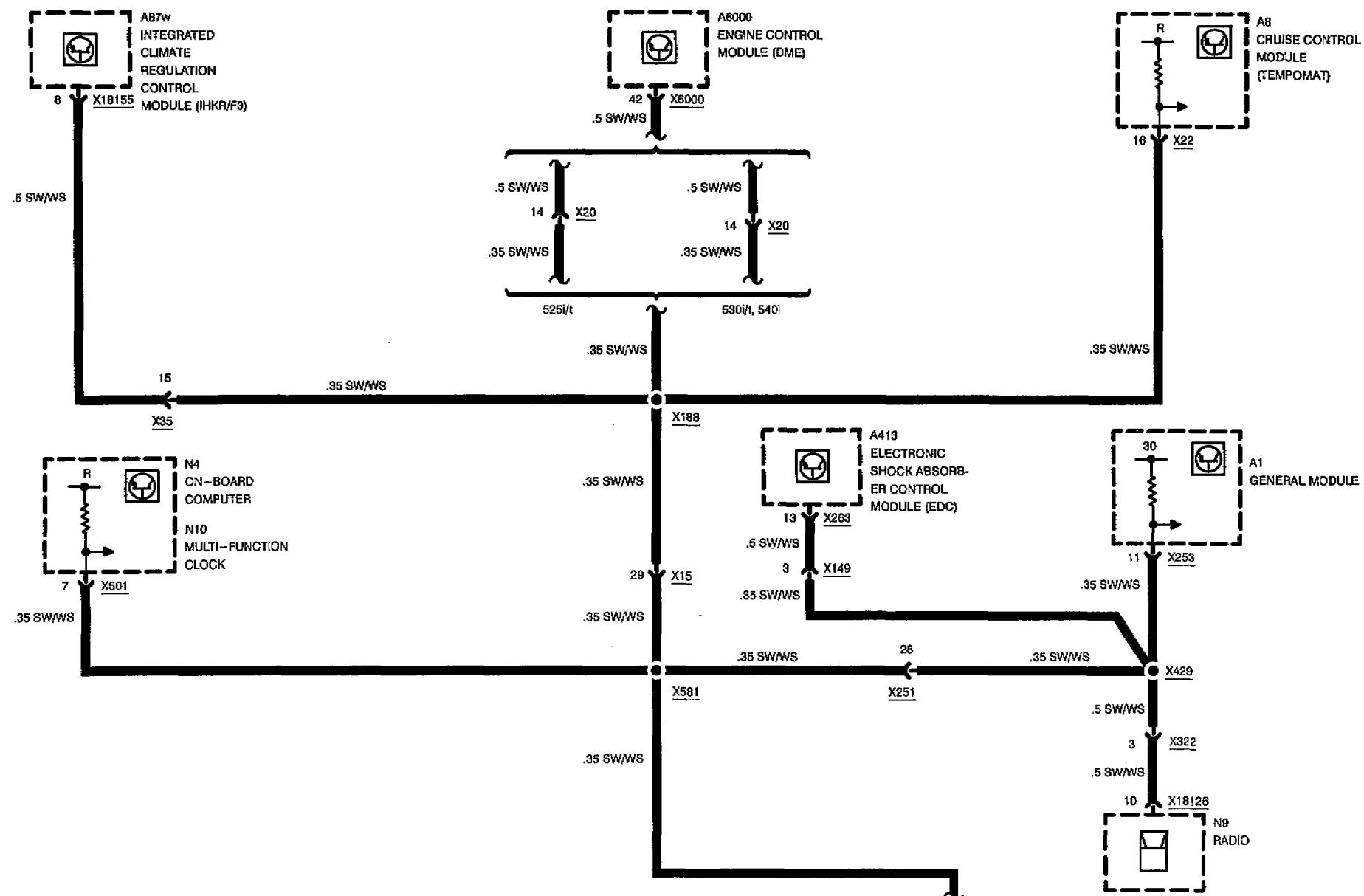
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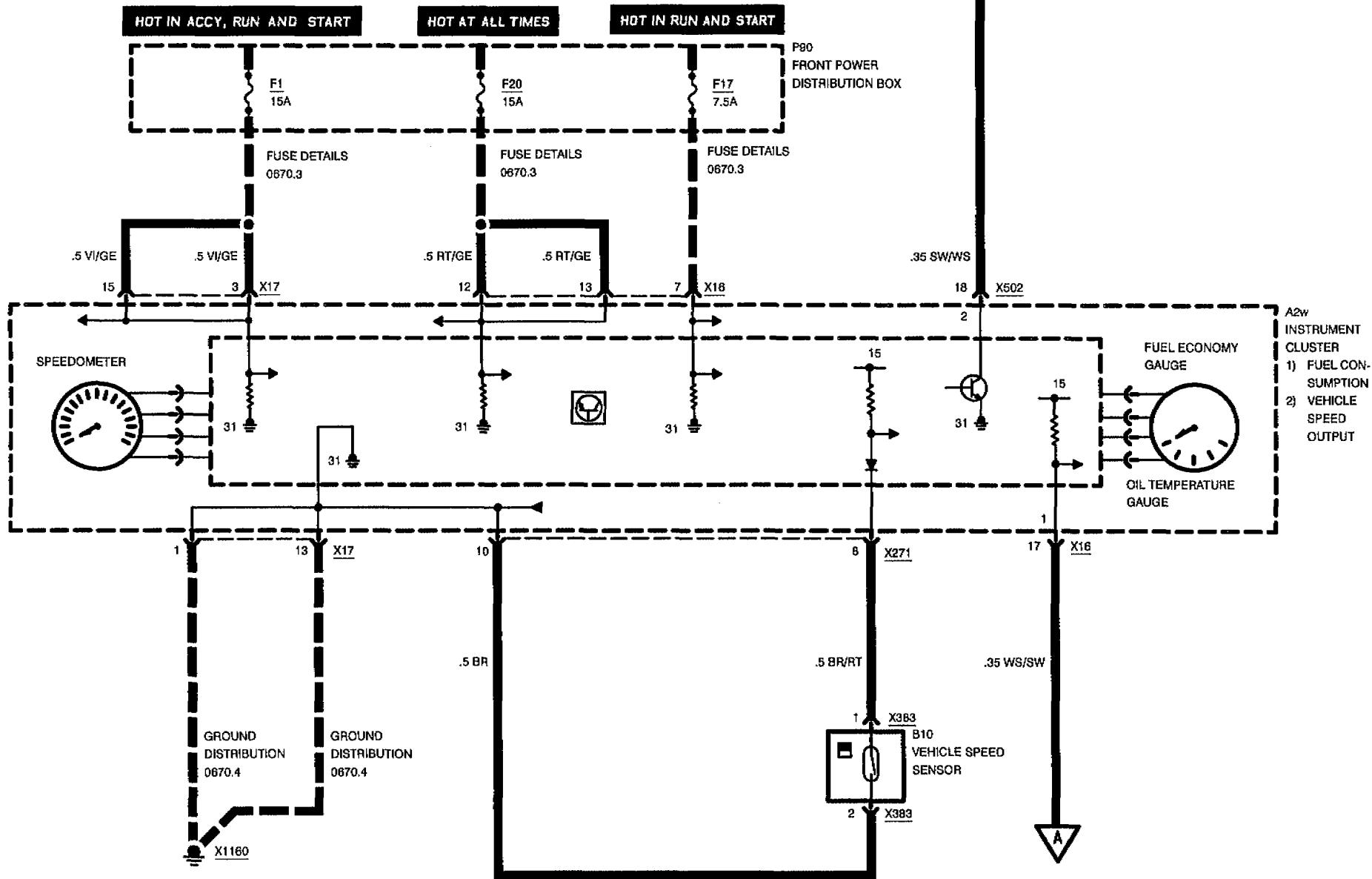








## GAUGES



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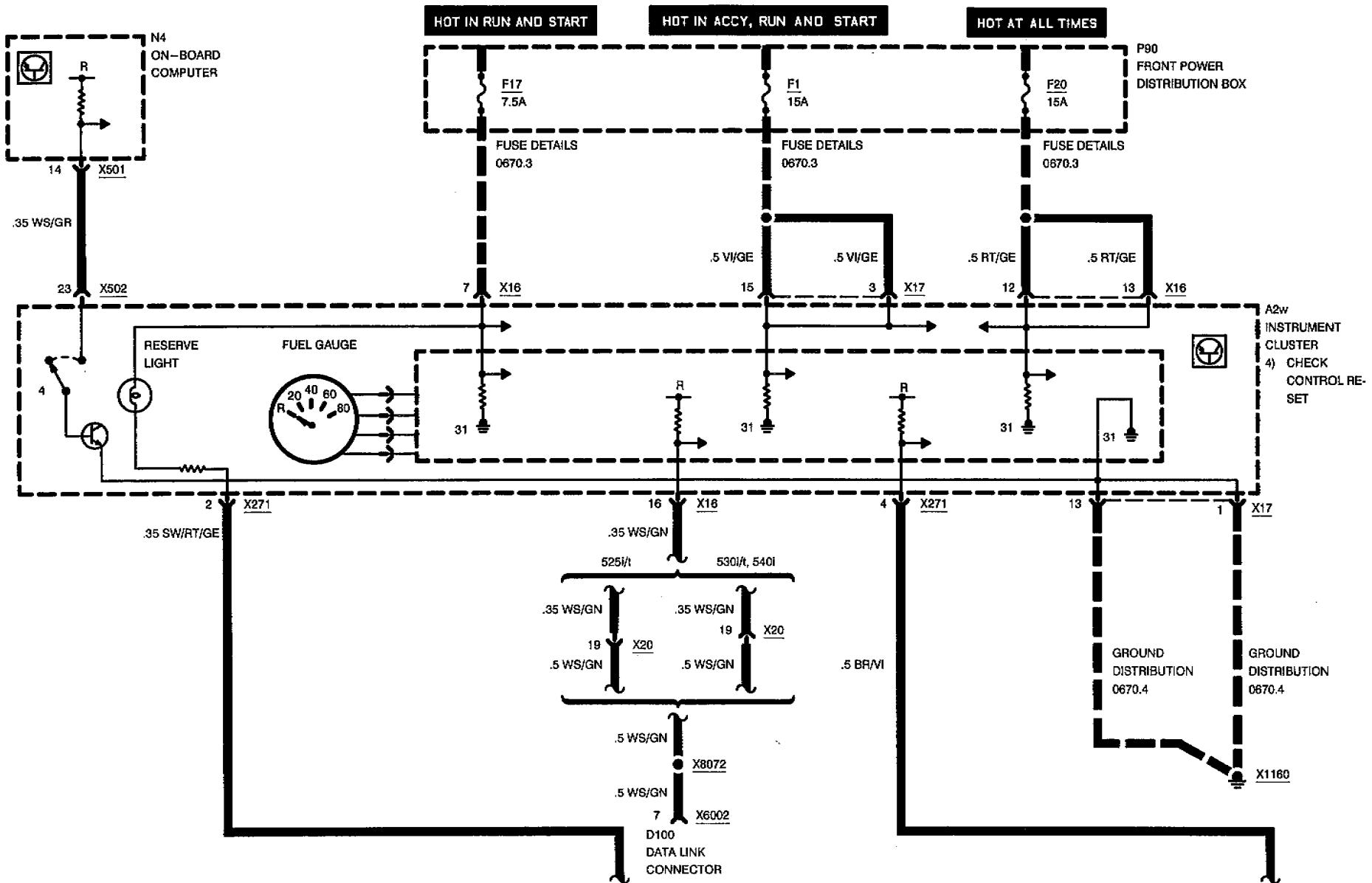
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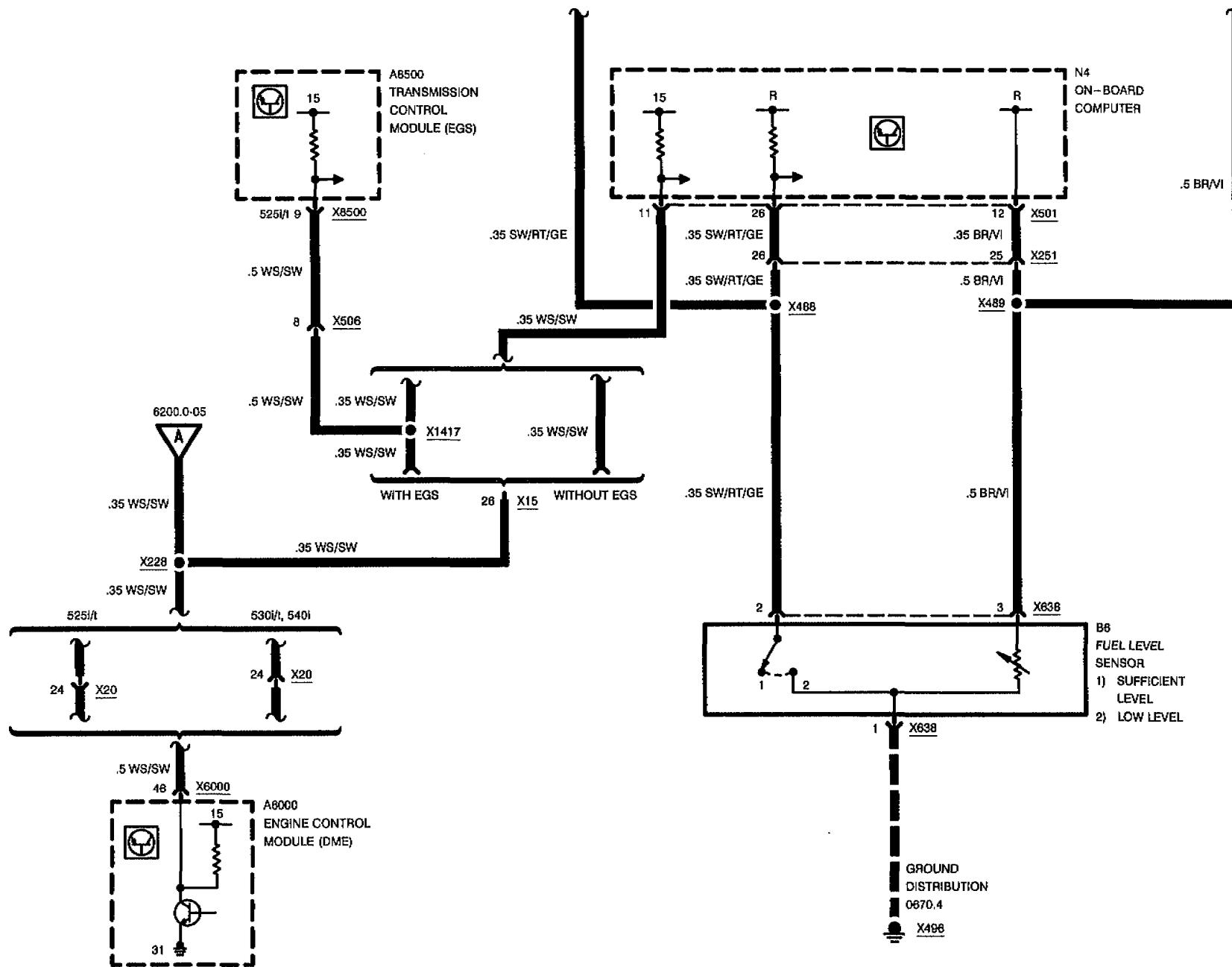
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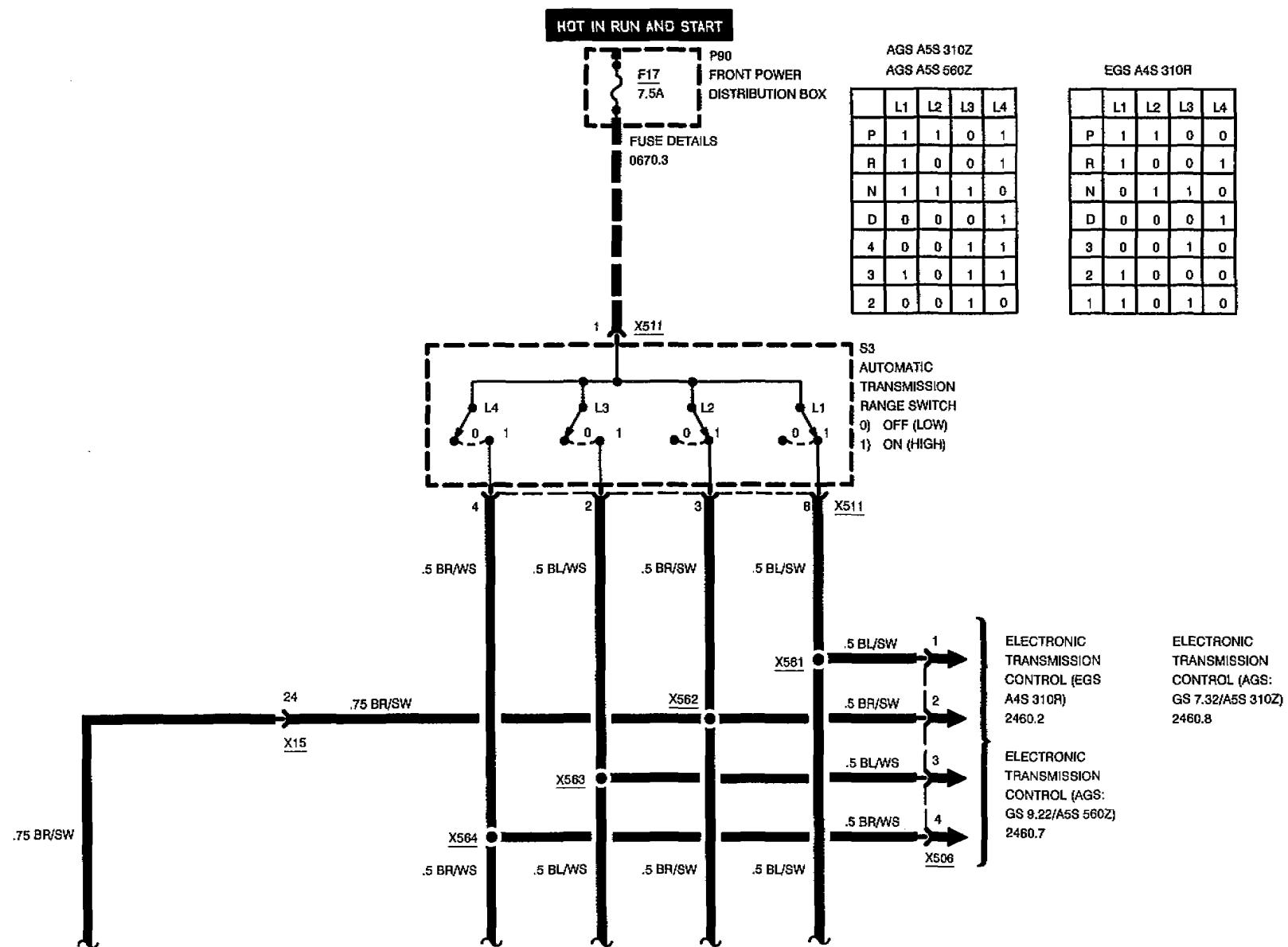
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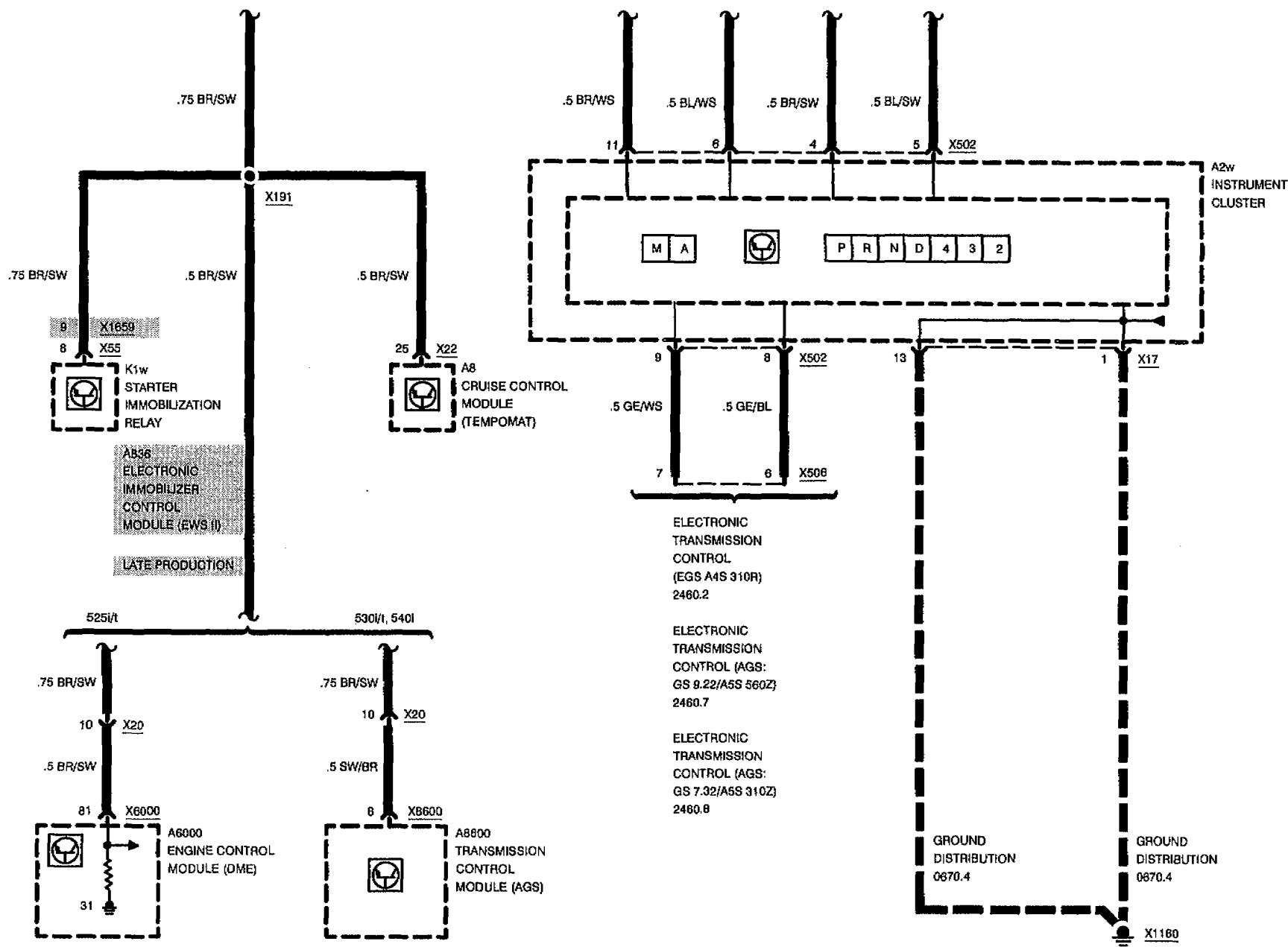
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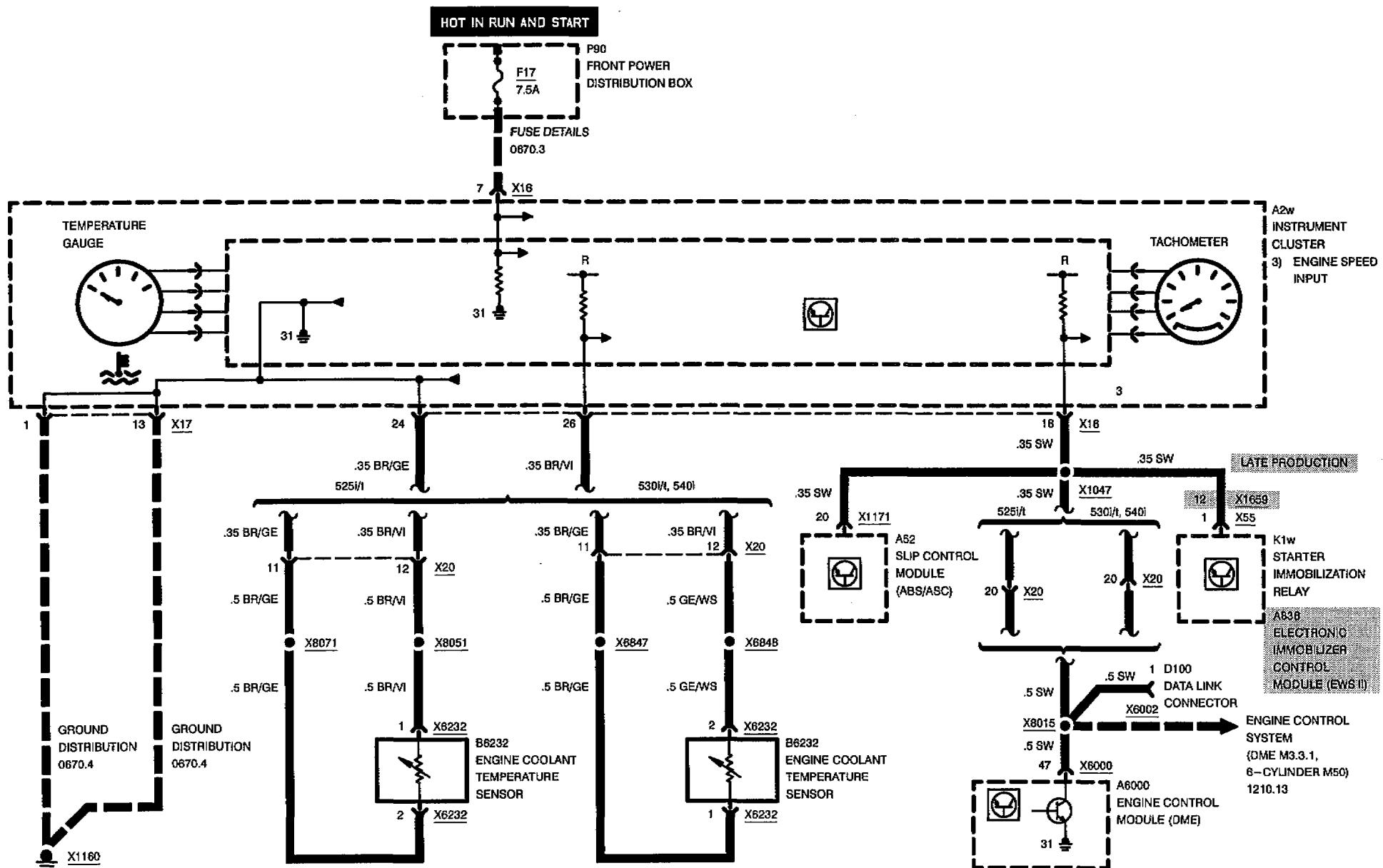




# INSTRUMENT CLUSTER/CHECK CONTROL (K/CC)

## GAUGES

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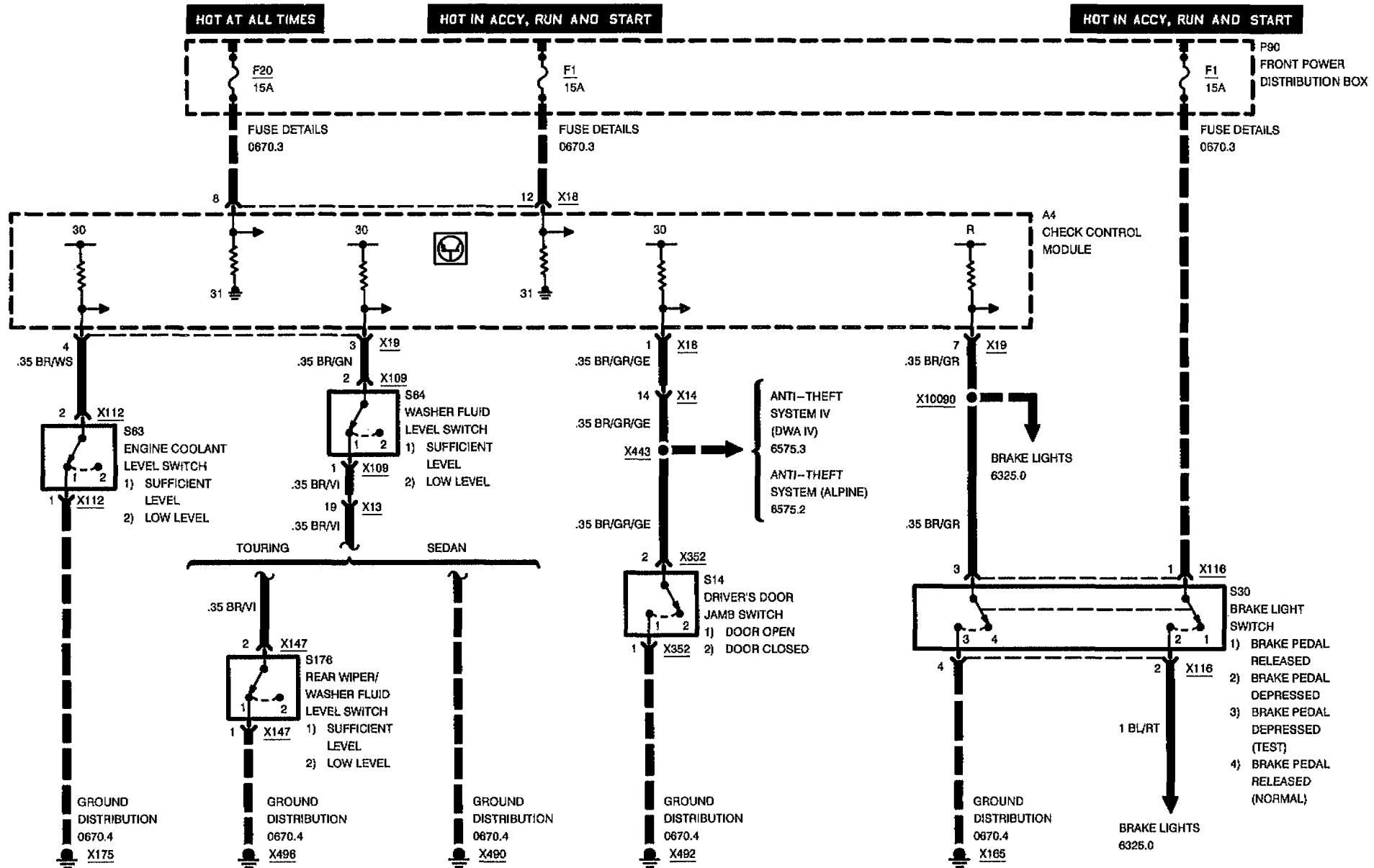
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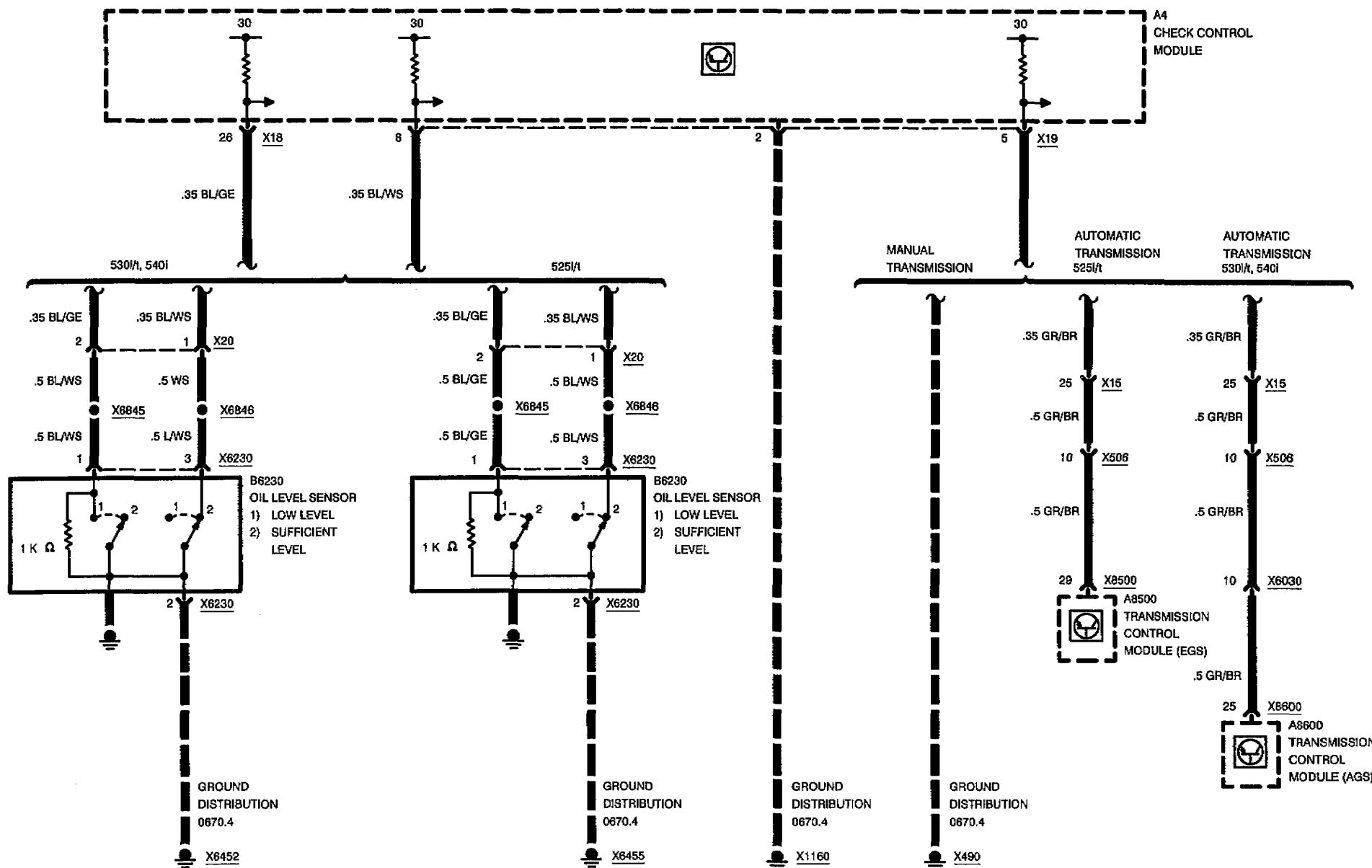
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## CHECK CONTROL





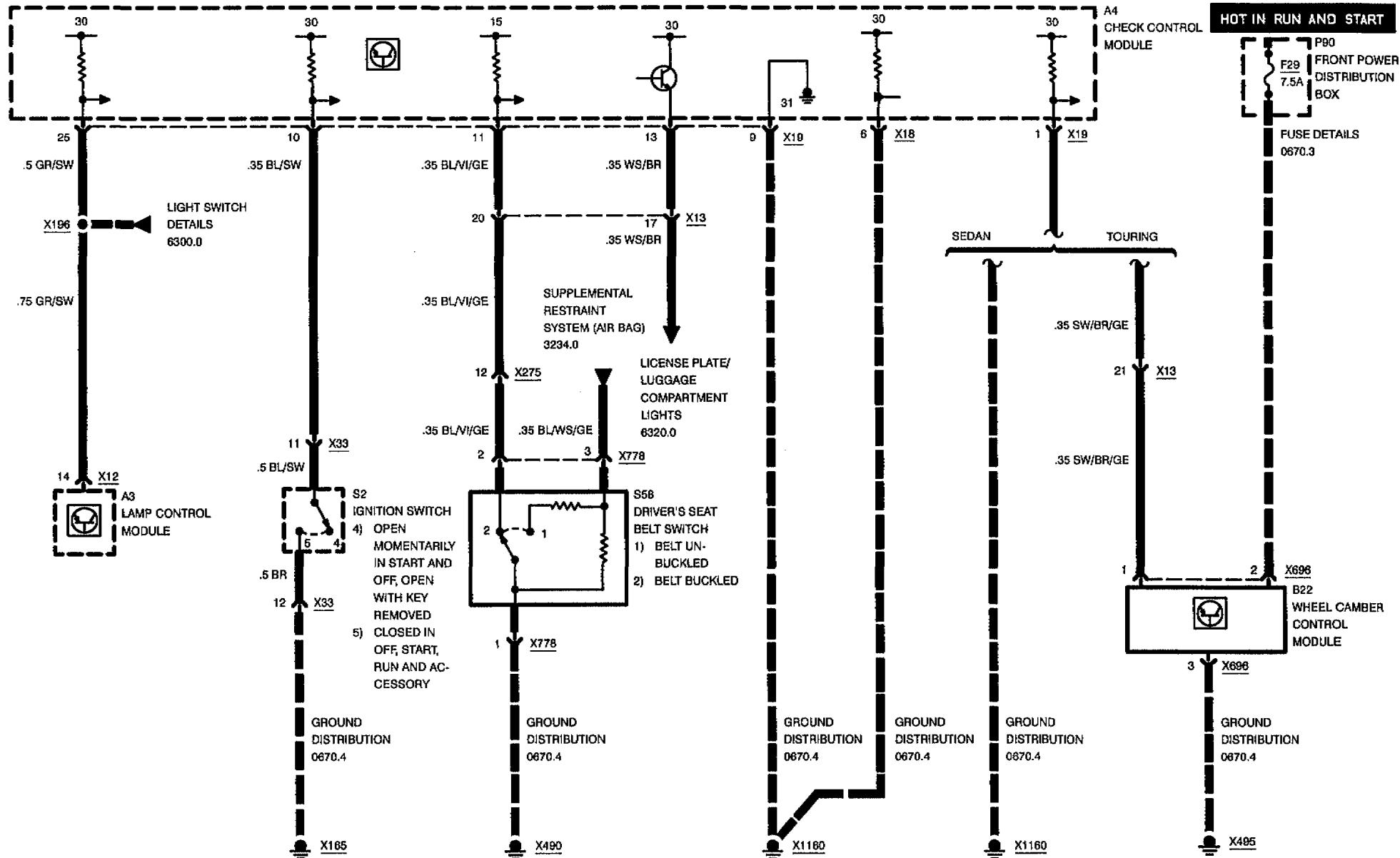
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## CHECK CONTROL

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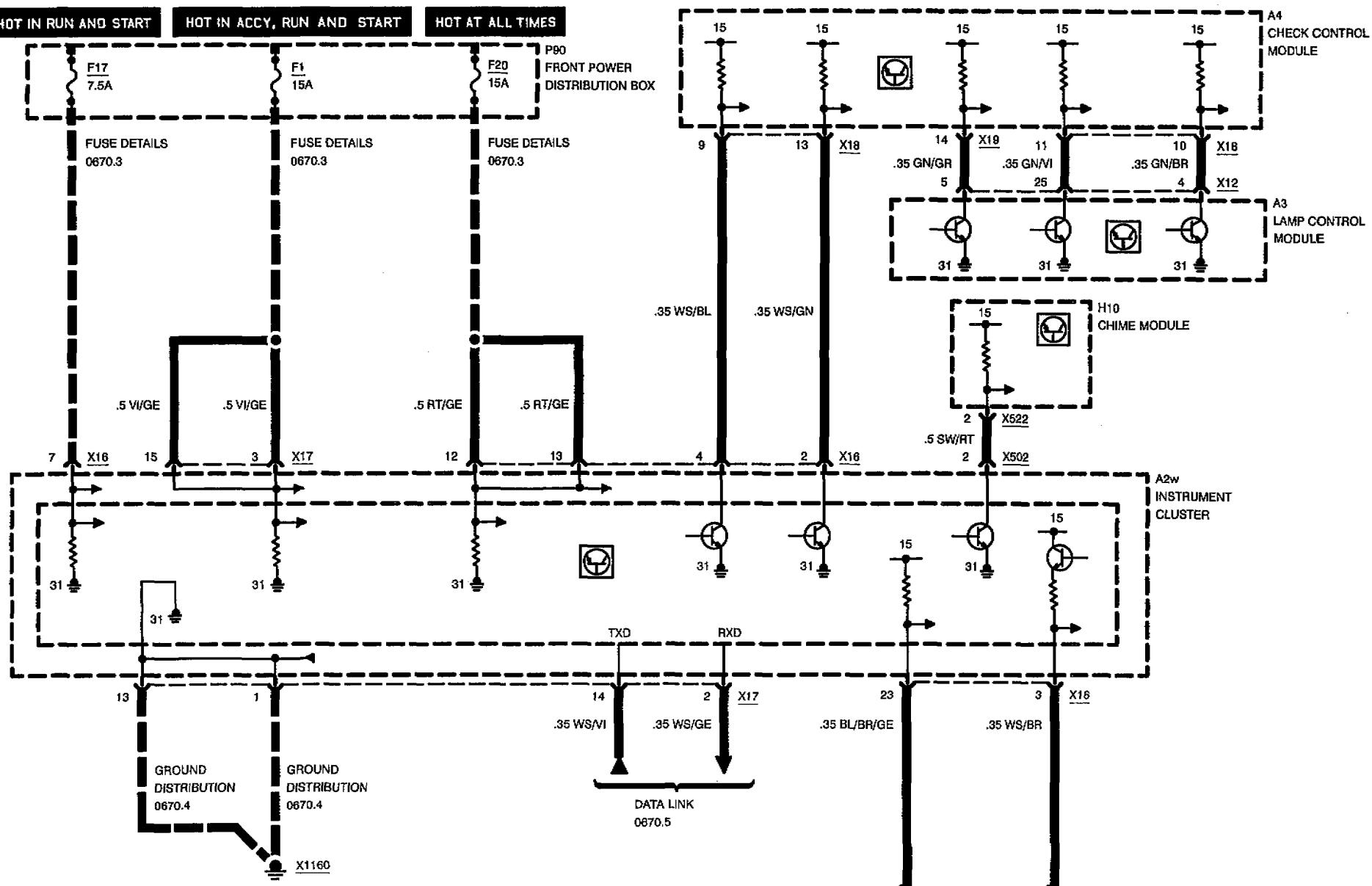
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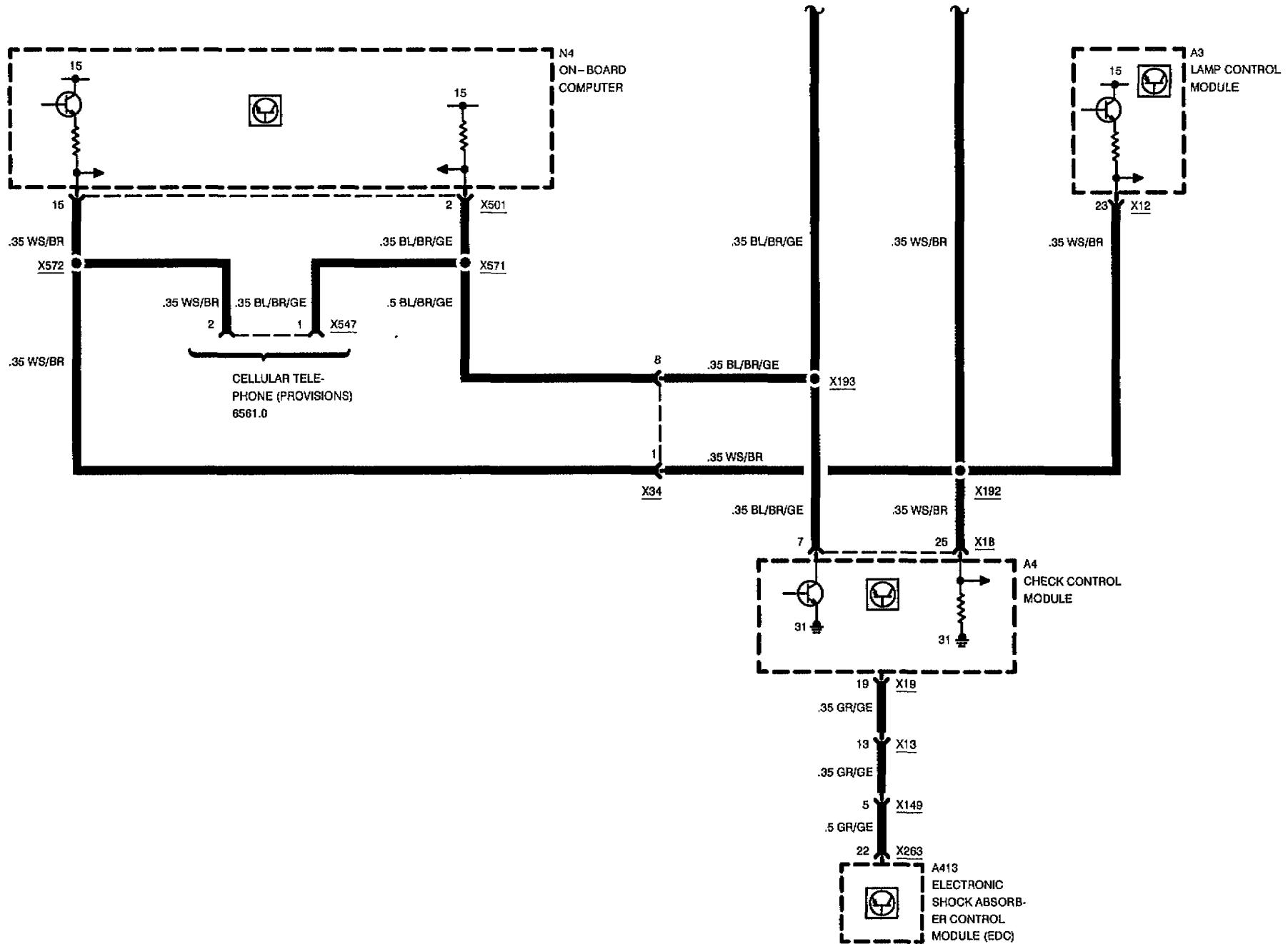
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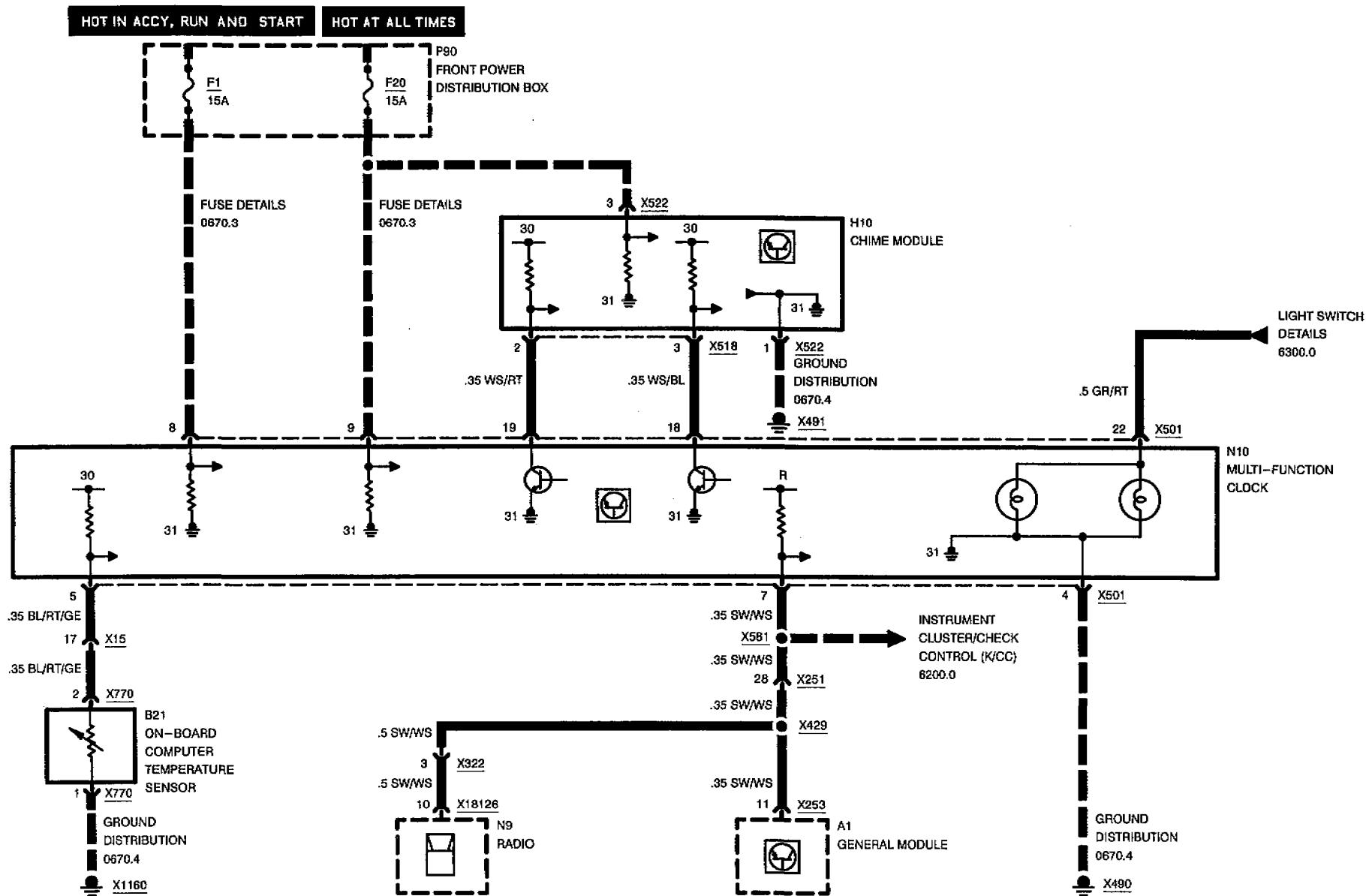


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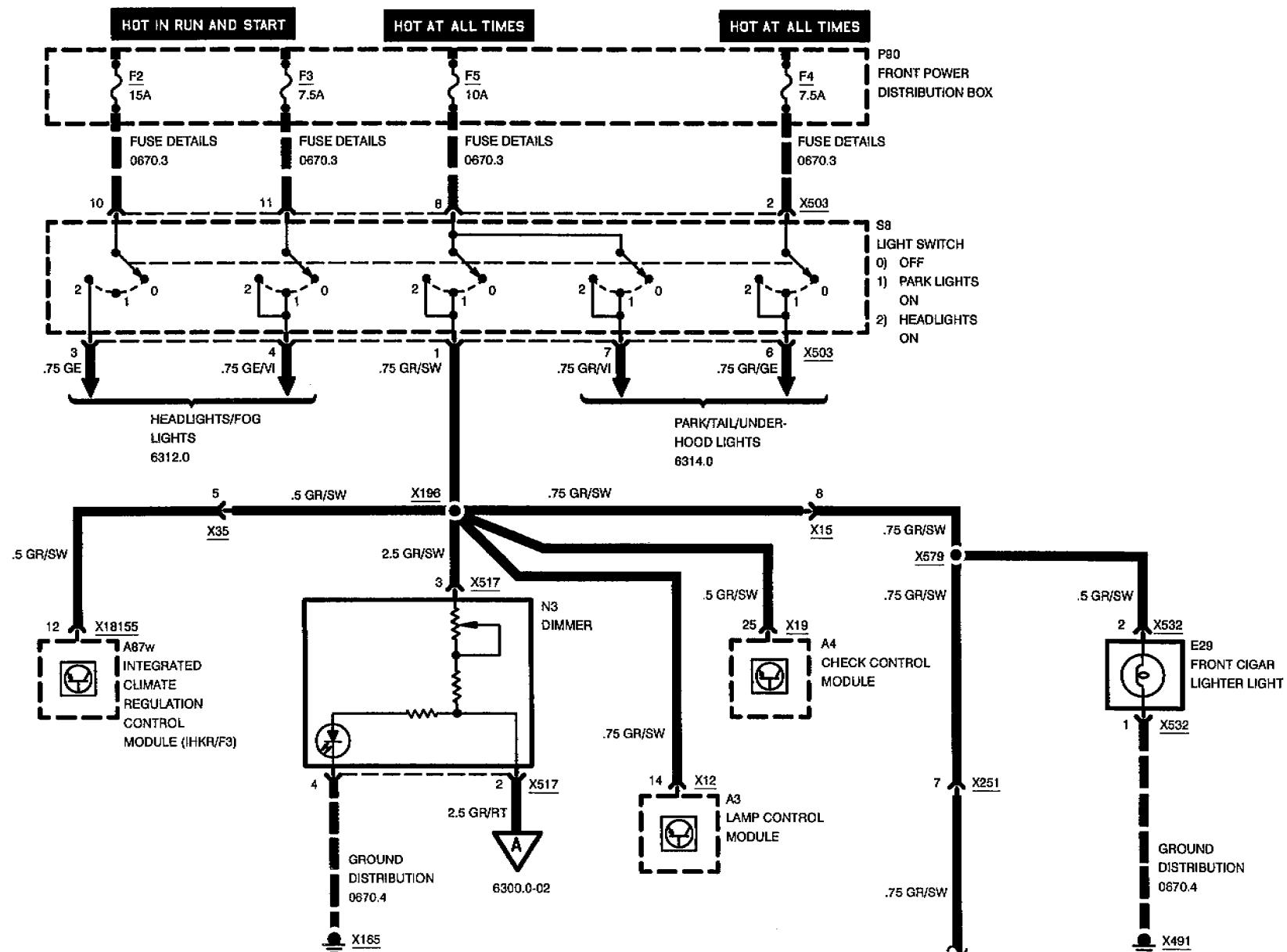
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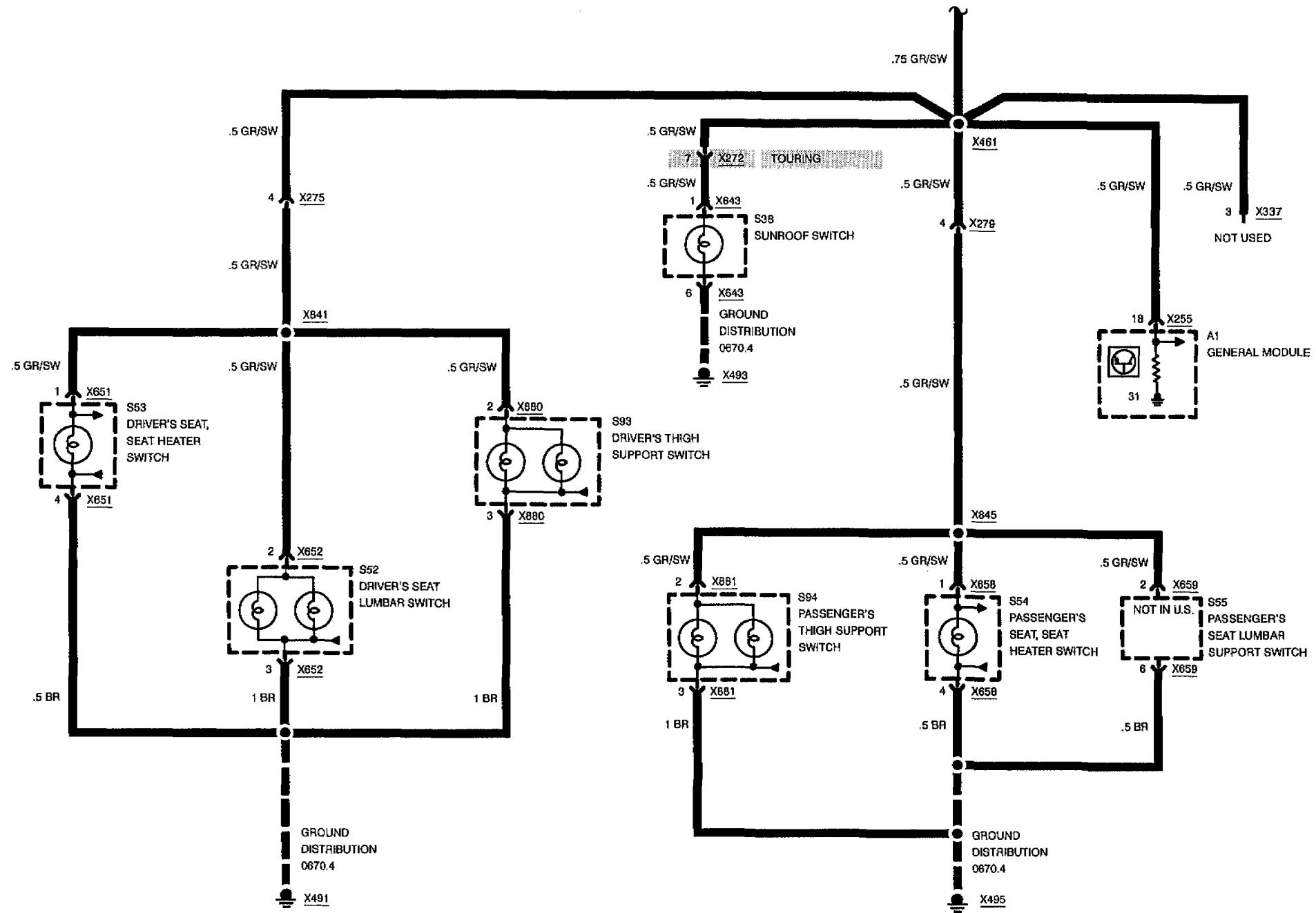


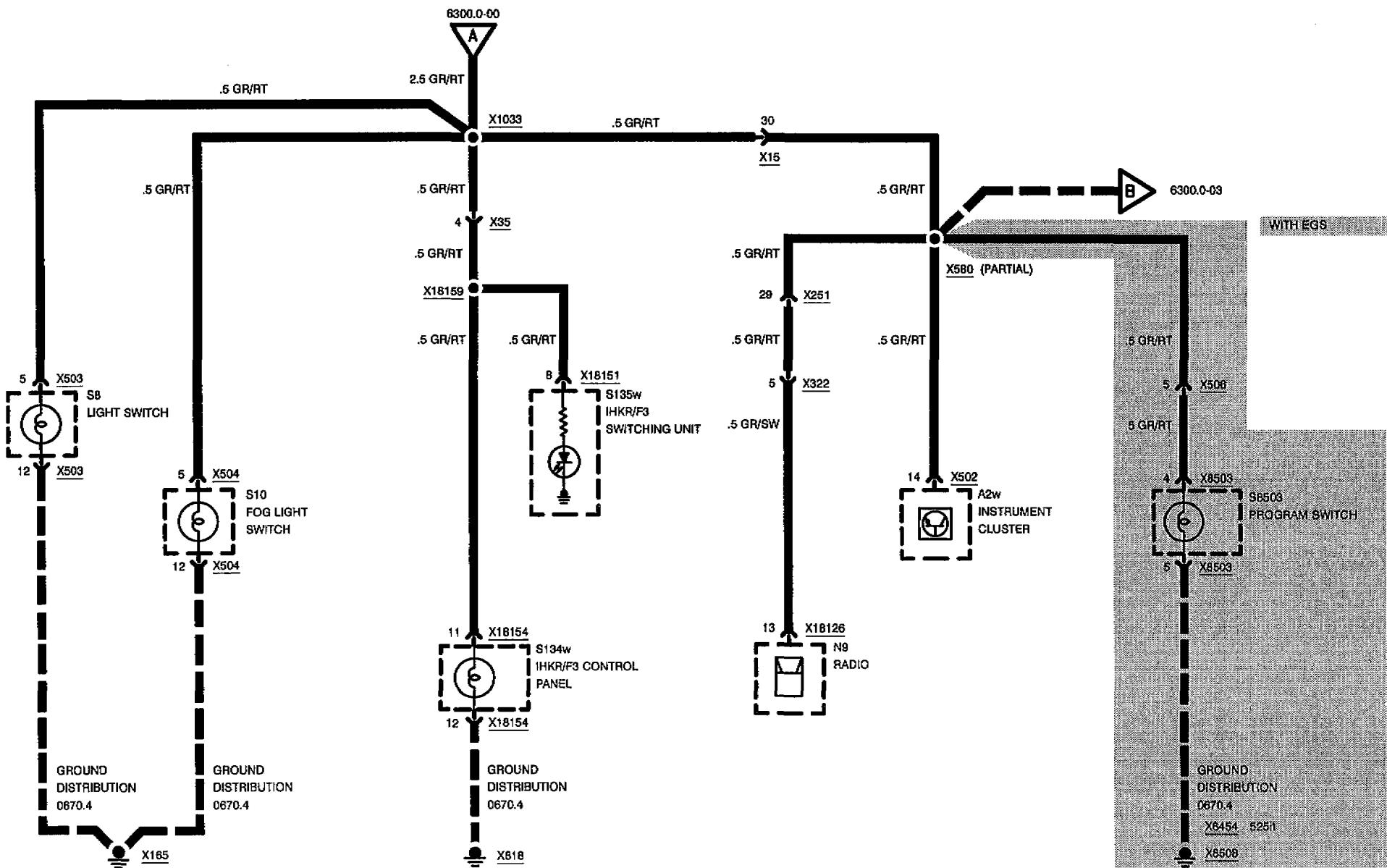


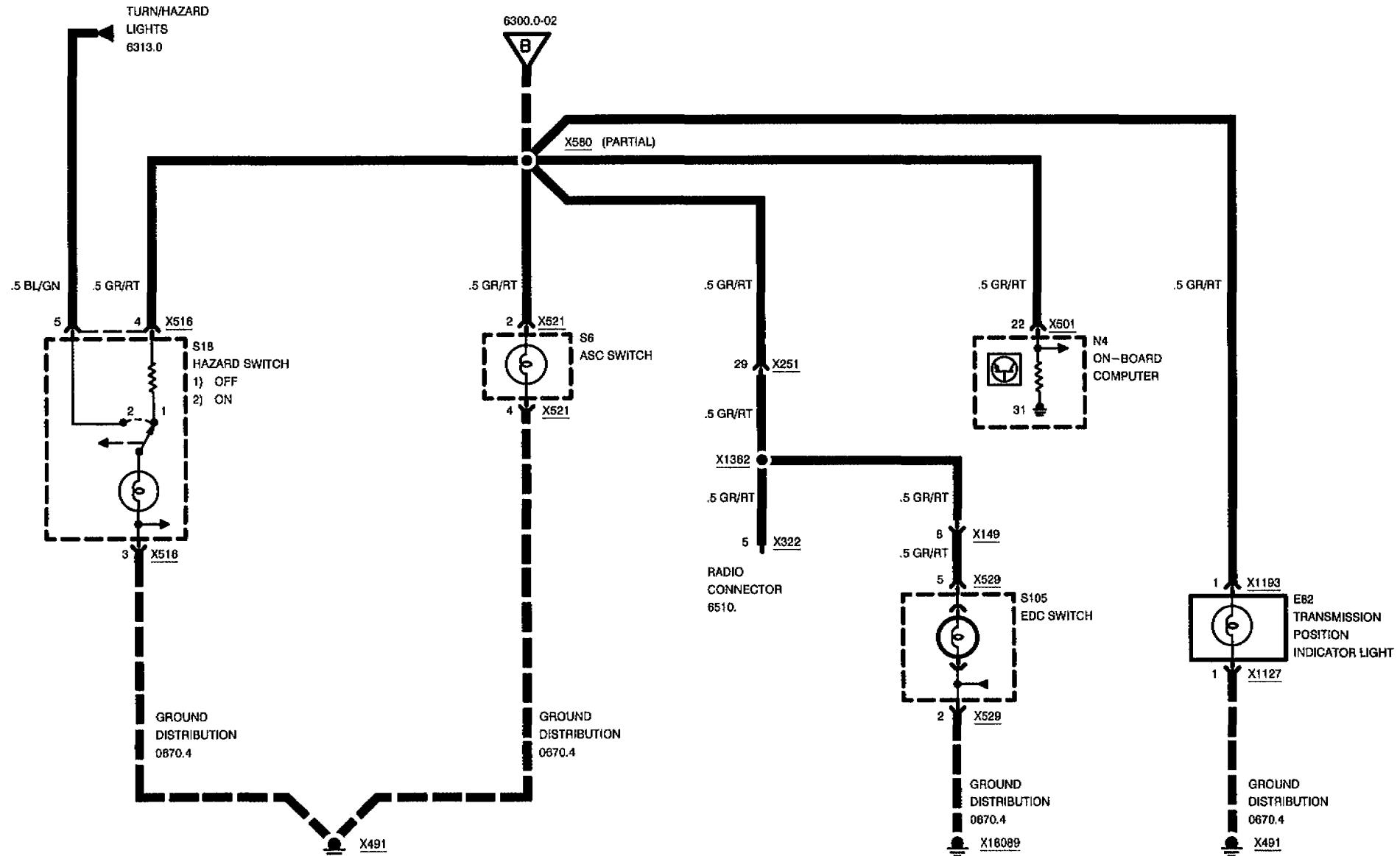
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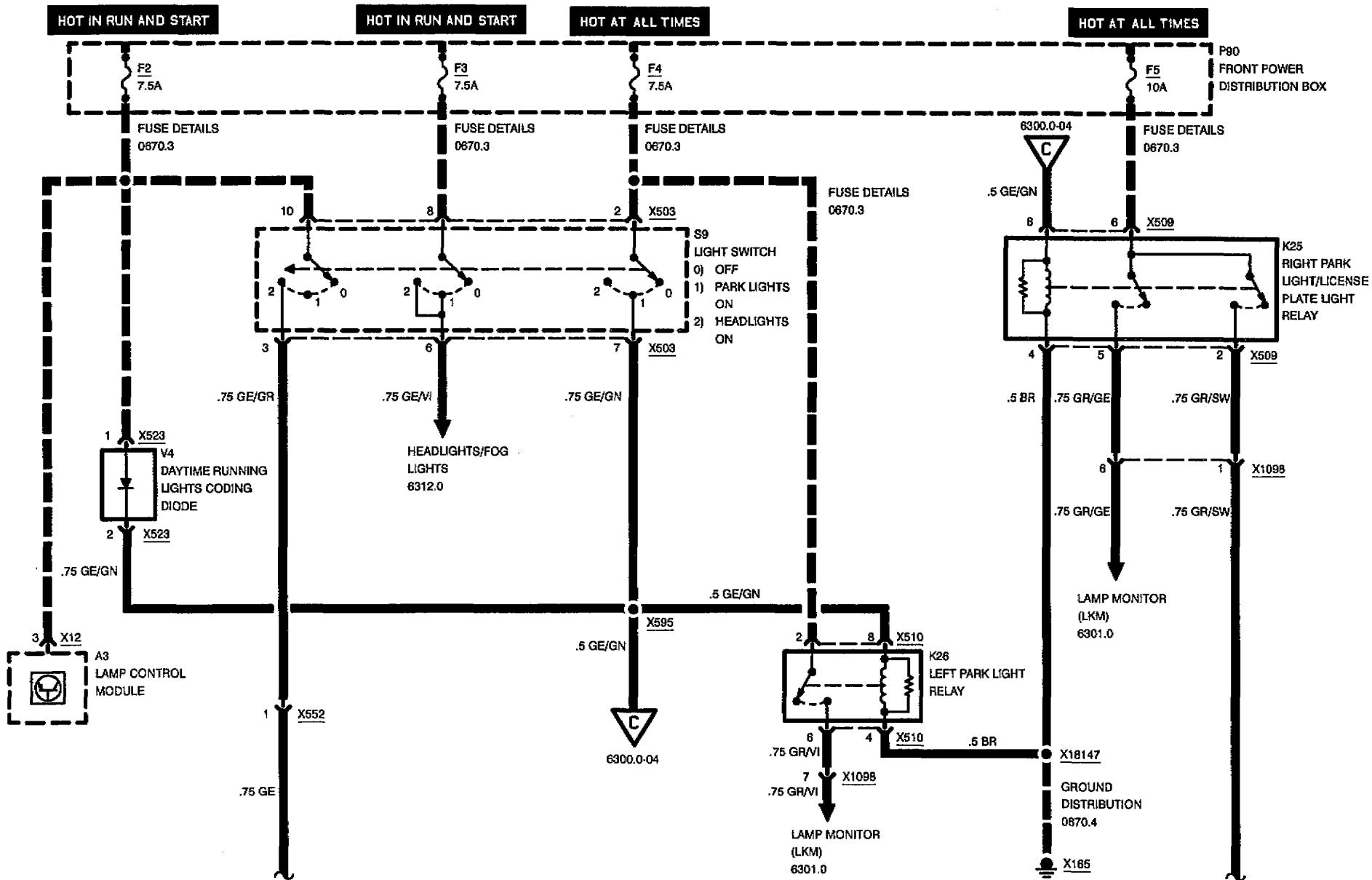
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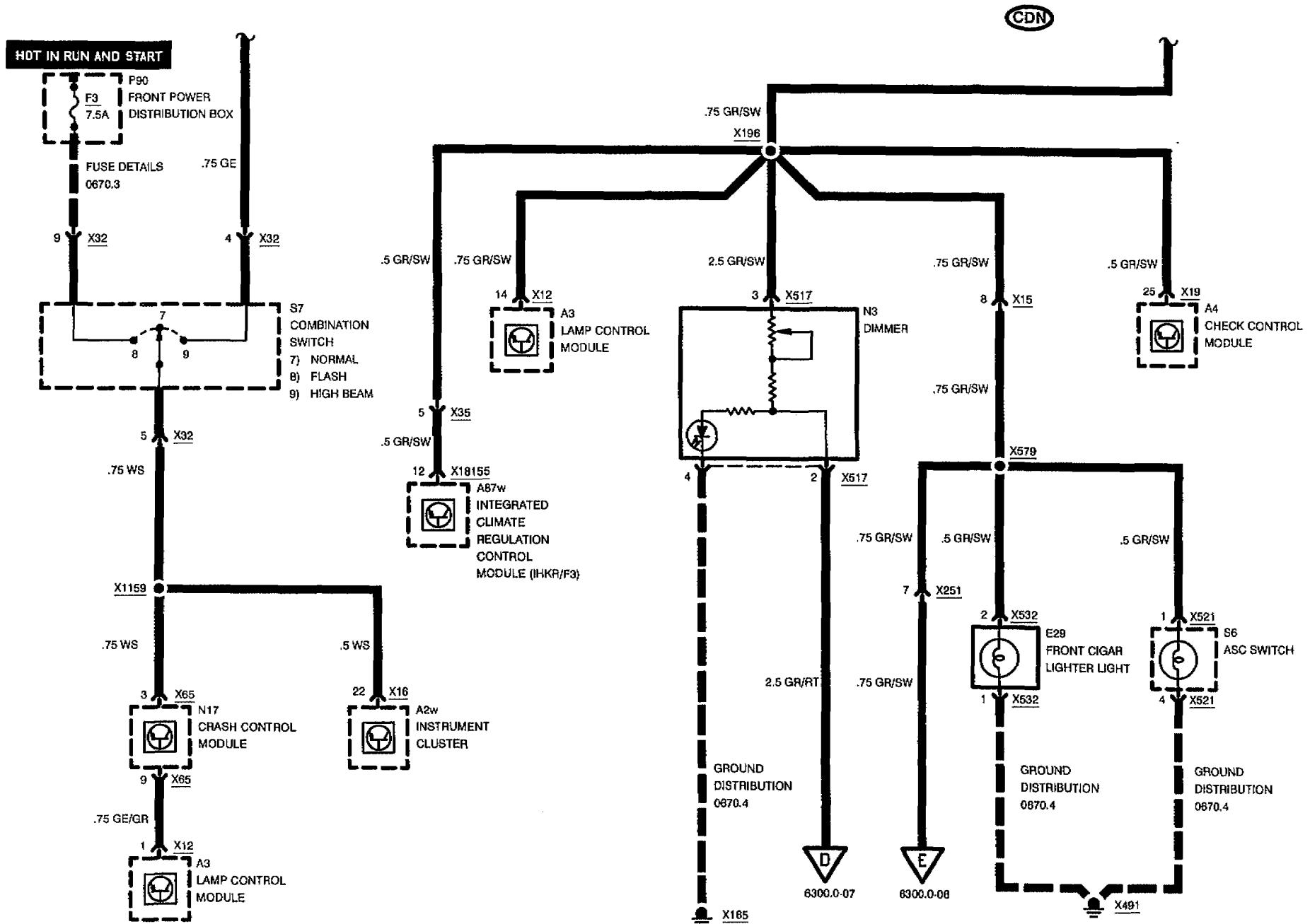


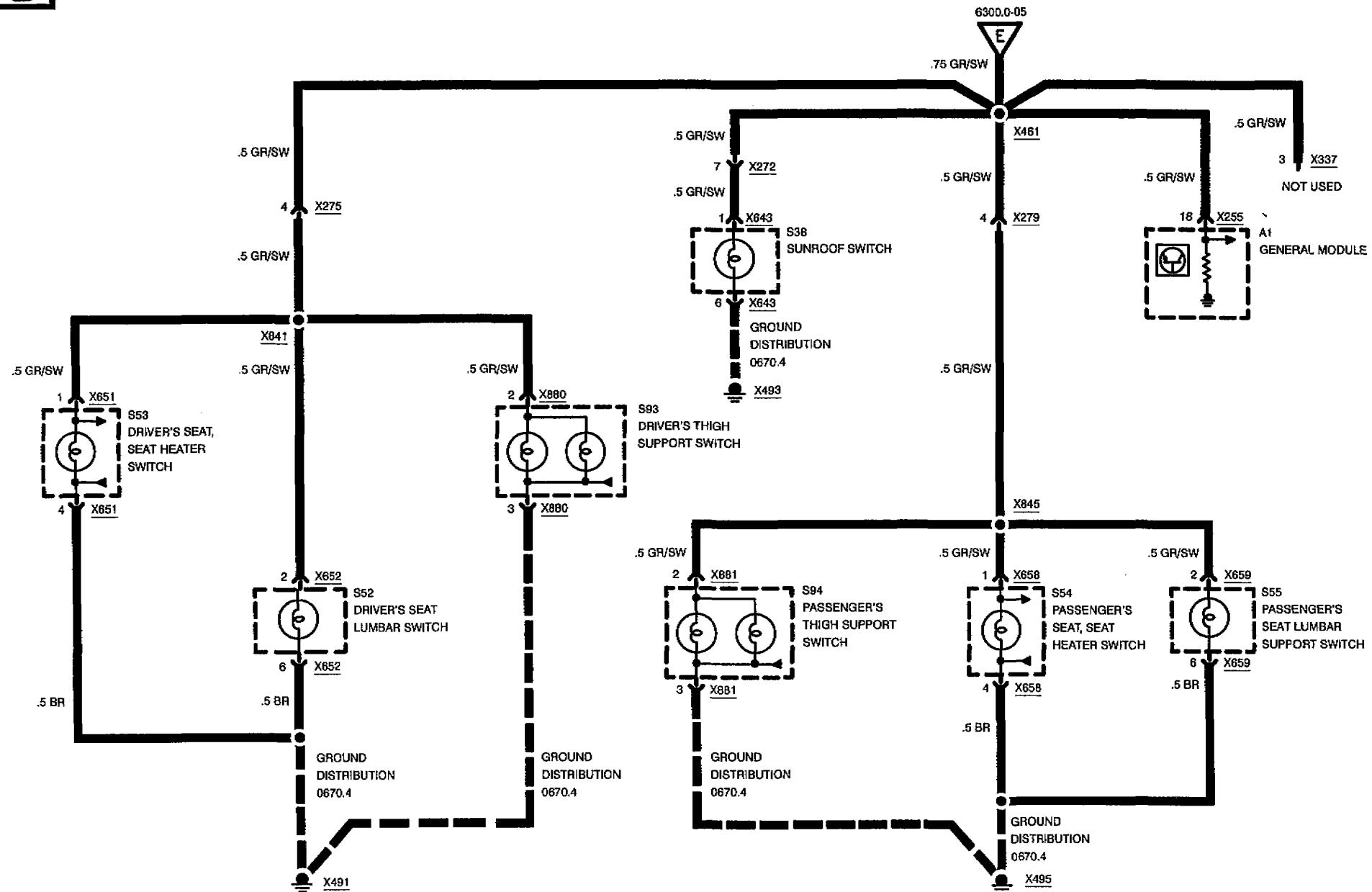


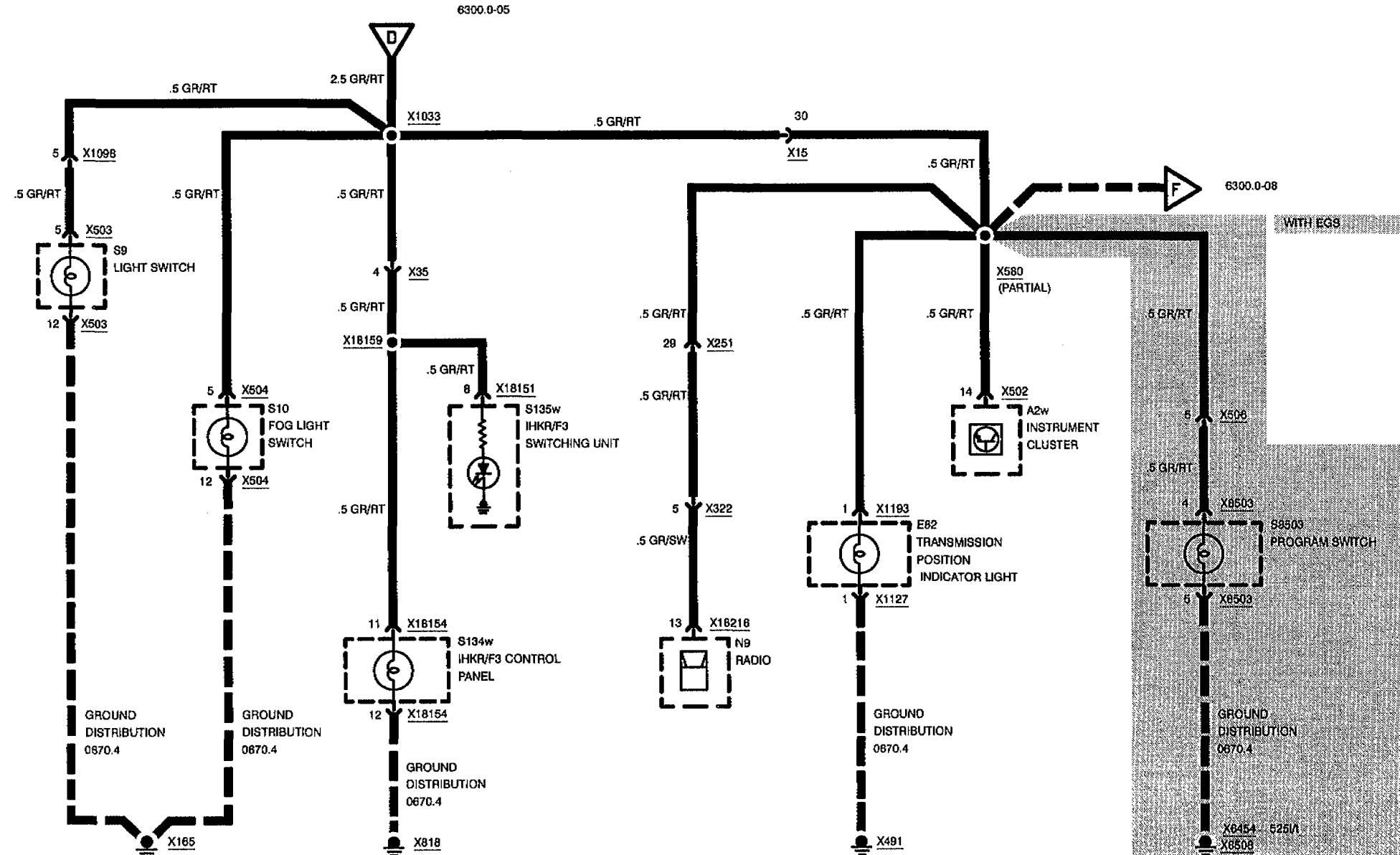


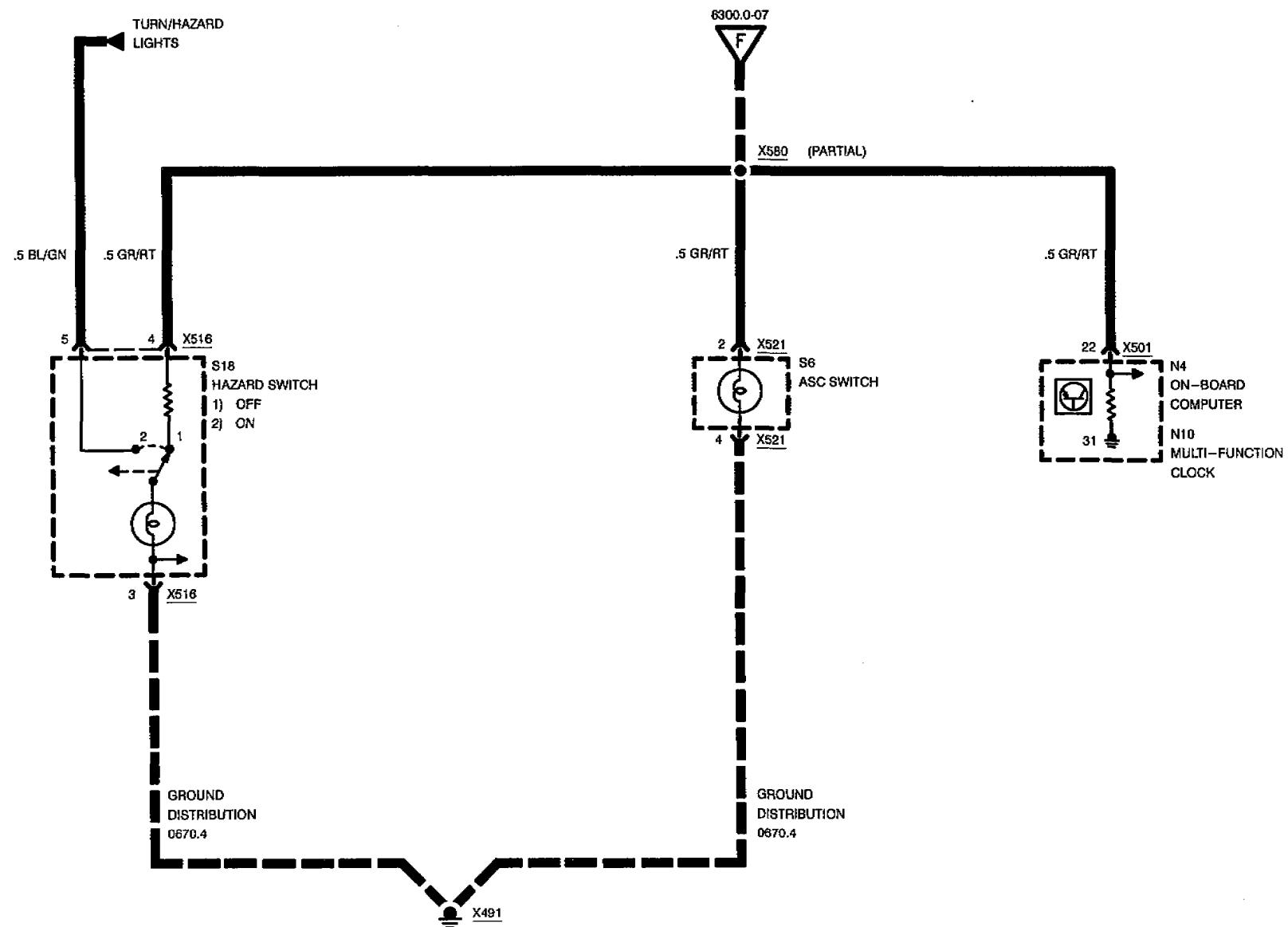








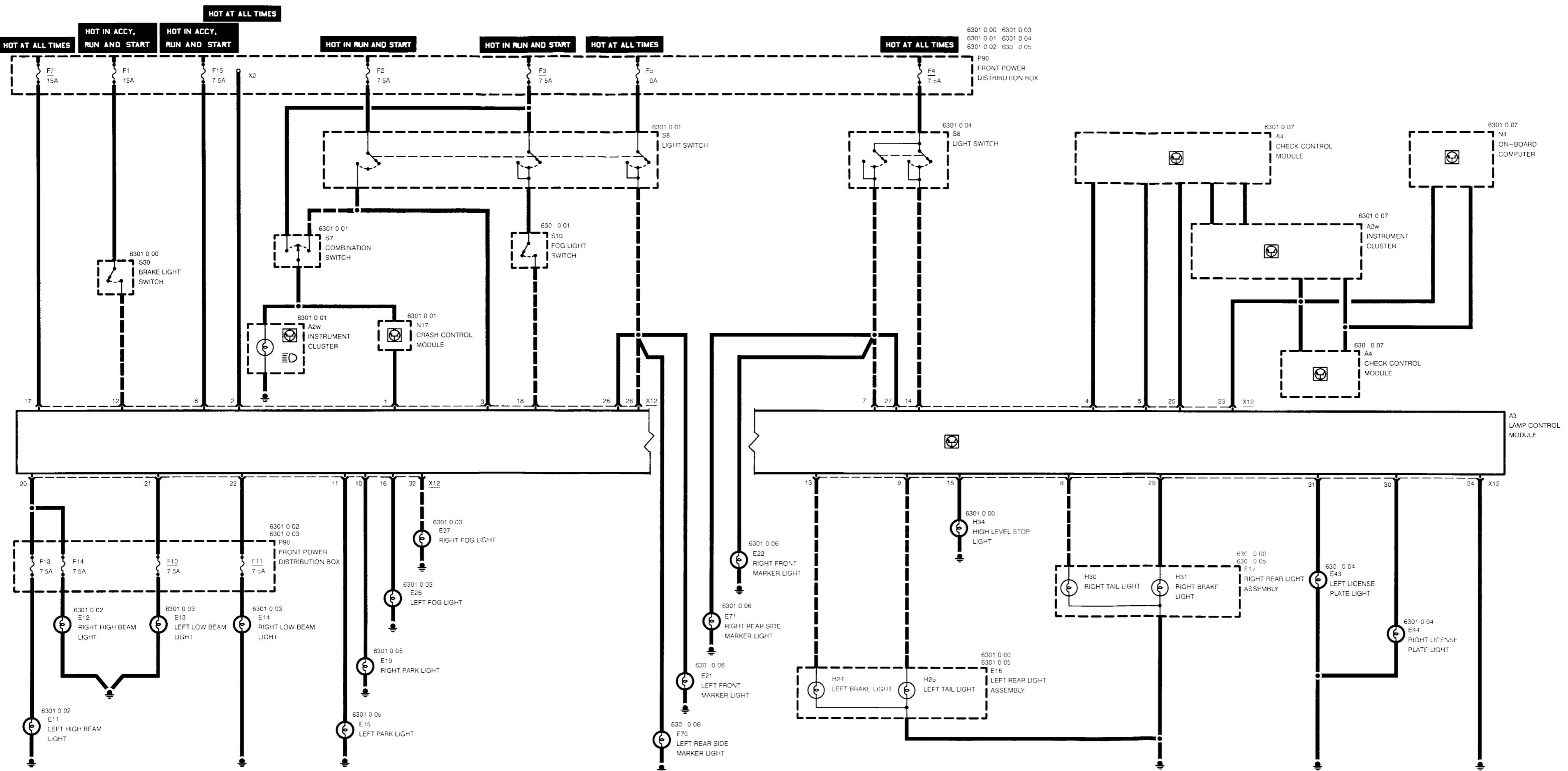


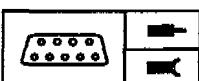


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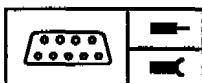


## Pin Assignments

X12

Pin	Type	Description/Function	Connection
1	E	High beam signal	Crash control unit
2	E	Voltage supply (terminal 30)	Front power distribution box
3	E	Headlights signal	Light switch
4	A	Data link to CCM	Check control module
5	A	Data link to CCM	Check control module
6	E	Voltage supply (terminal R)	Front power distribution box
7	E	Tail light signal, right	Light switch
8	A	Tail light power, right	Rear light assembly, right
9	A	Tail light power, left	Rear light assembly, left
10	A	Park light power, right	Front light assembly, right
11	A	Park light power, left	Front light assembly, left
12	E	Brake pedal status	Brake light switch
13	A	Brake light power, left	Rear light assembly, left
14	E	Park lights signal	Light switch
15	A	High level stop light power	High level stop light
16	A	Fog light power, left	Fog light, left
17	E	Fog lights power	Front power distribution box
18	E	Fog light signal	Fog light switch
19		Not used	
20	A	High beam light power	Fuses/Front power distribution box
21	A	Low beam power, left	Fuses/Front power distribution box
22	A	Low beam power, right	Fuses/Front power distribution box
23	E	Data link to CCM	Check control module
24	M	Ground	Body ground point
25	E	Data link to CCM	Check control module
26	E	Tail light signal, left	Light switch
27	E	Park light signal, right	Light switch
28	E	Park light signal, left	Light switch
29	A	Brake light power, right	Brake light, right
30	A	License plate light power, right	License plate light, right

E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
31	A	License plate light power, left	License plate light, left
32	A	Fog light power, right	Fog light, right

E = Input, A = Output, M = Ground



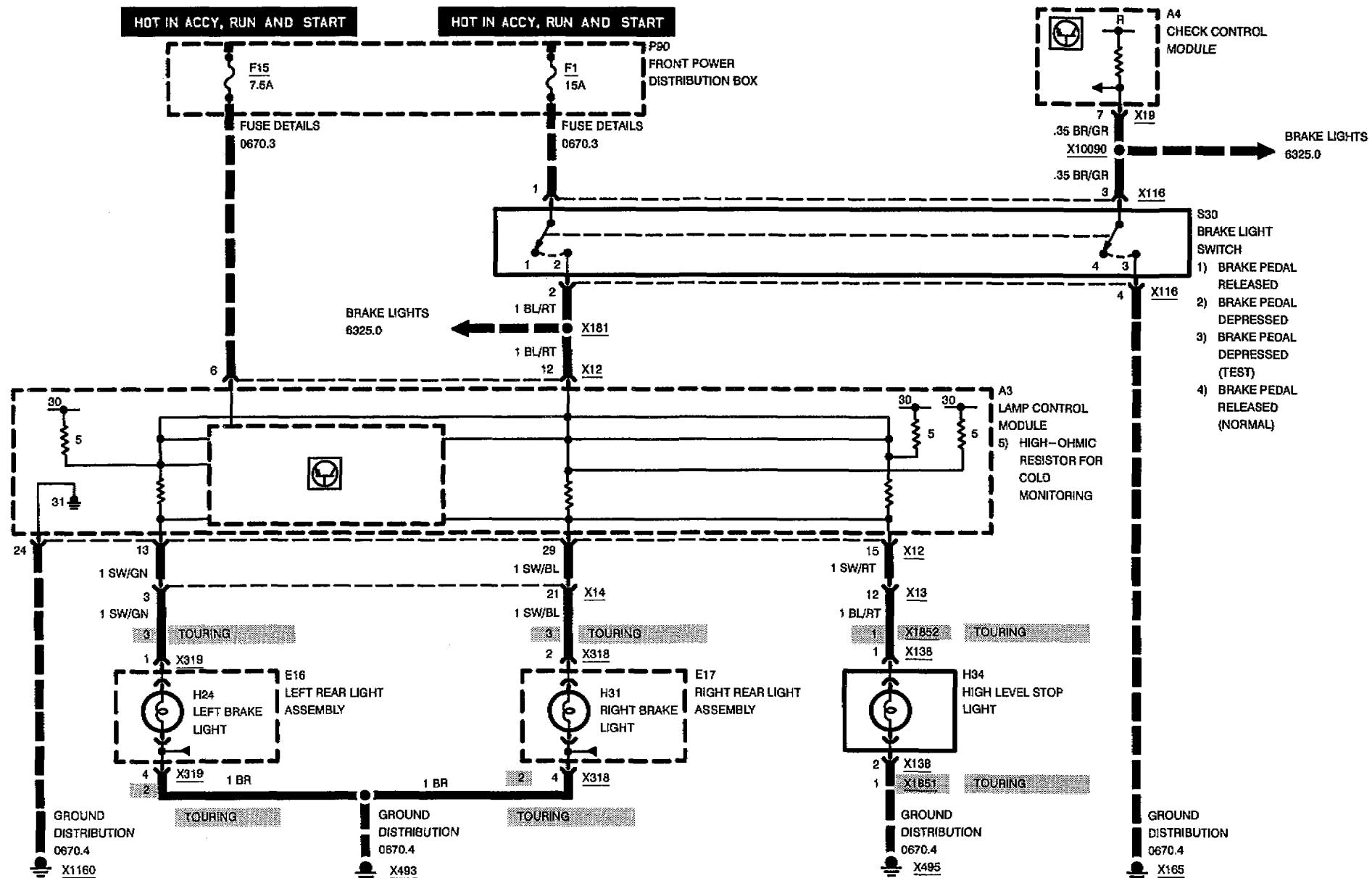
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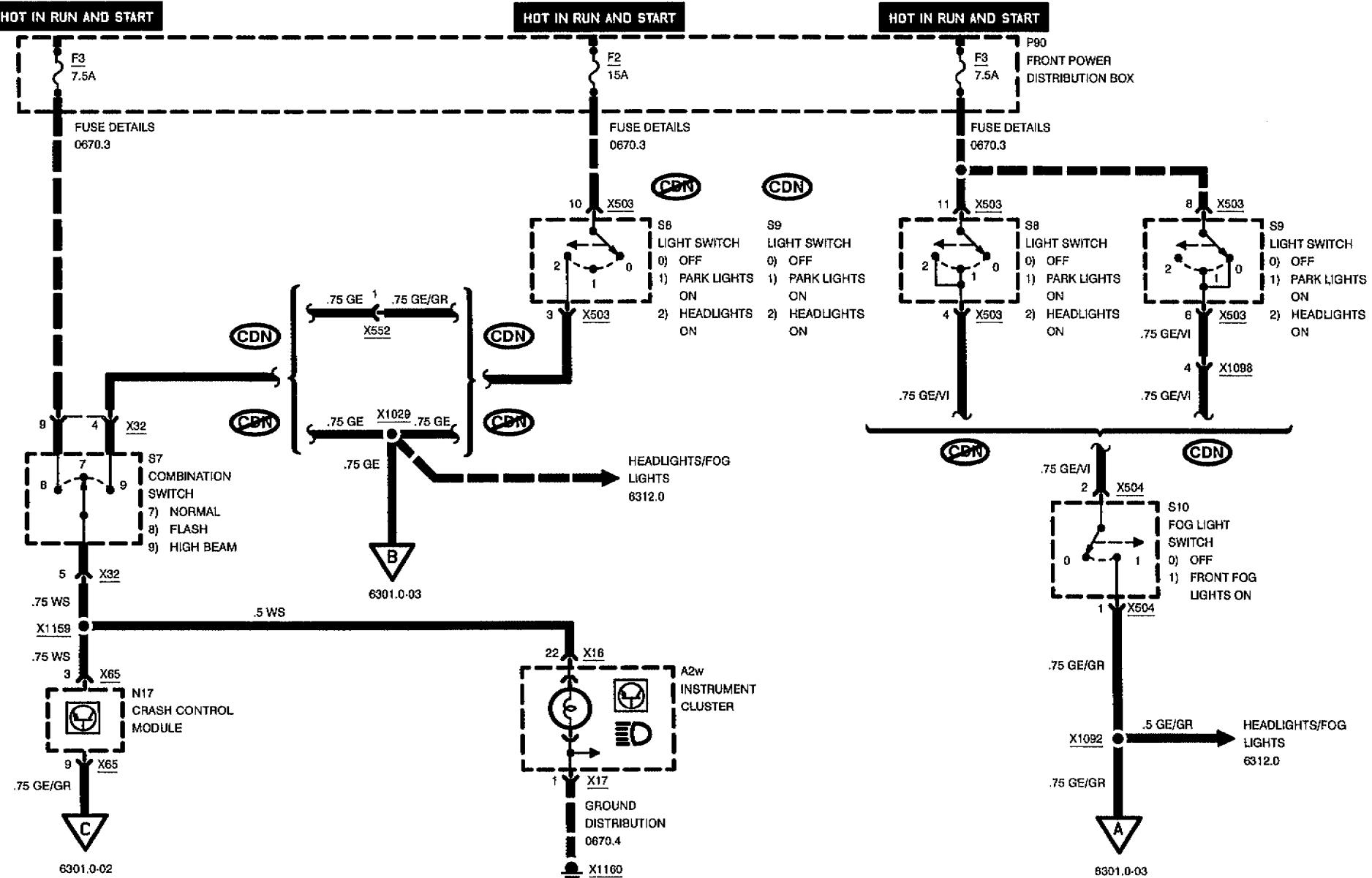
# LAMP MONITOR (LKM)

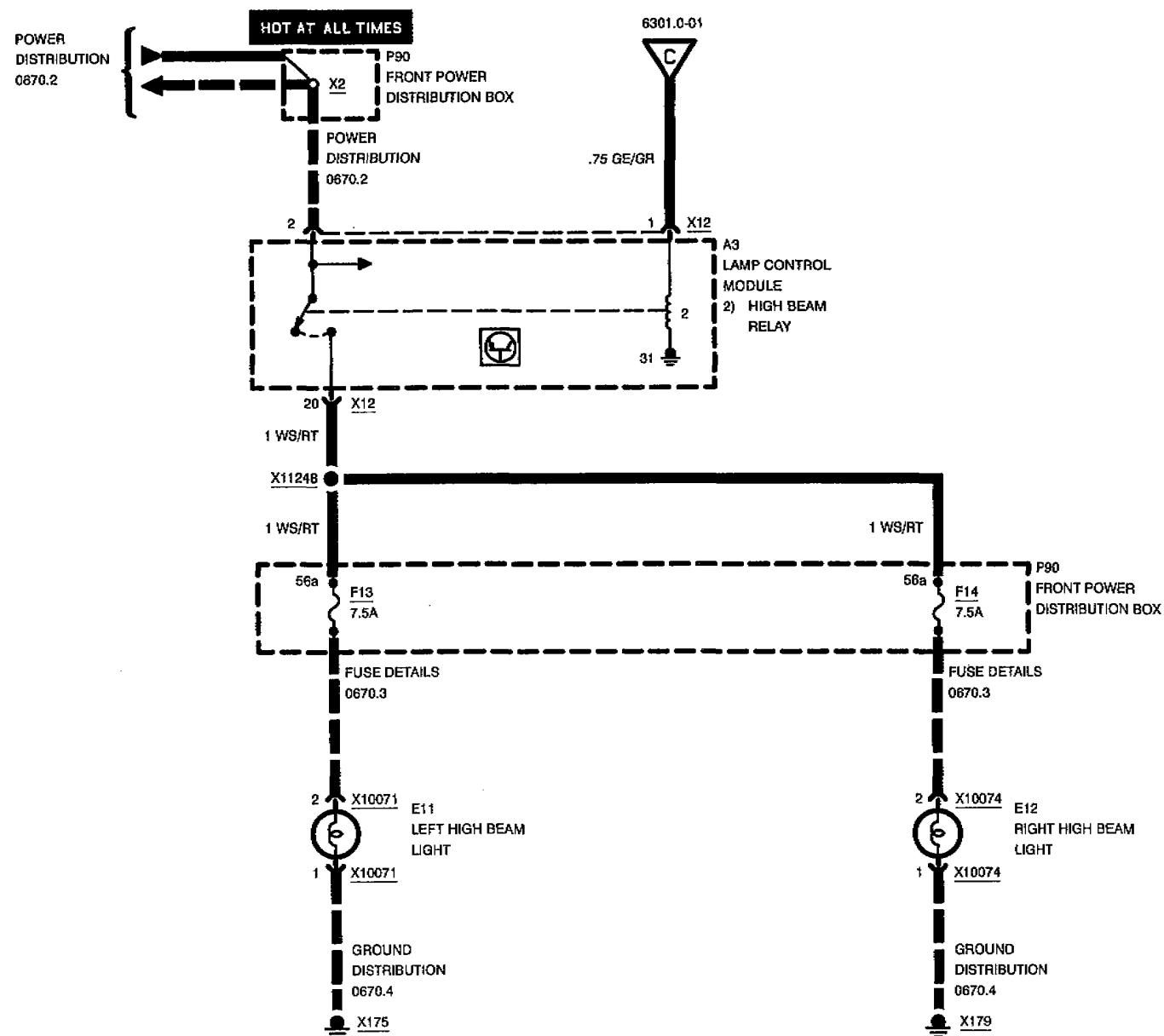
## BRAKE LIGHTS

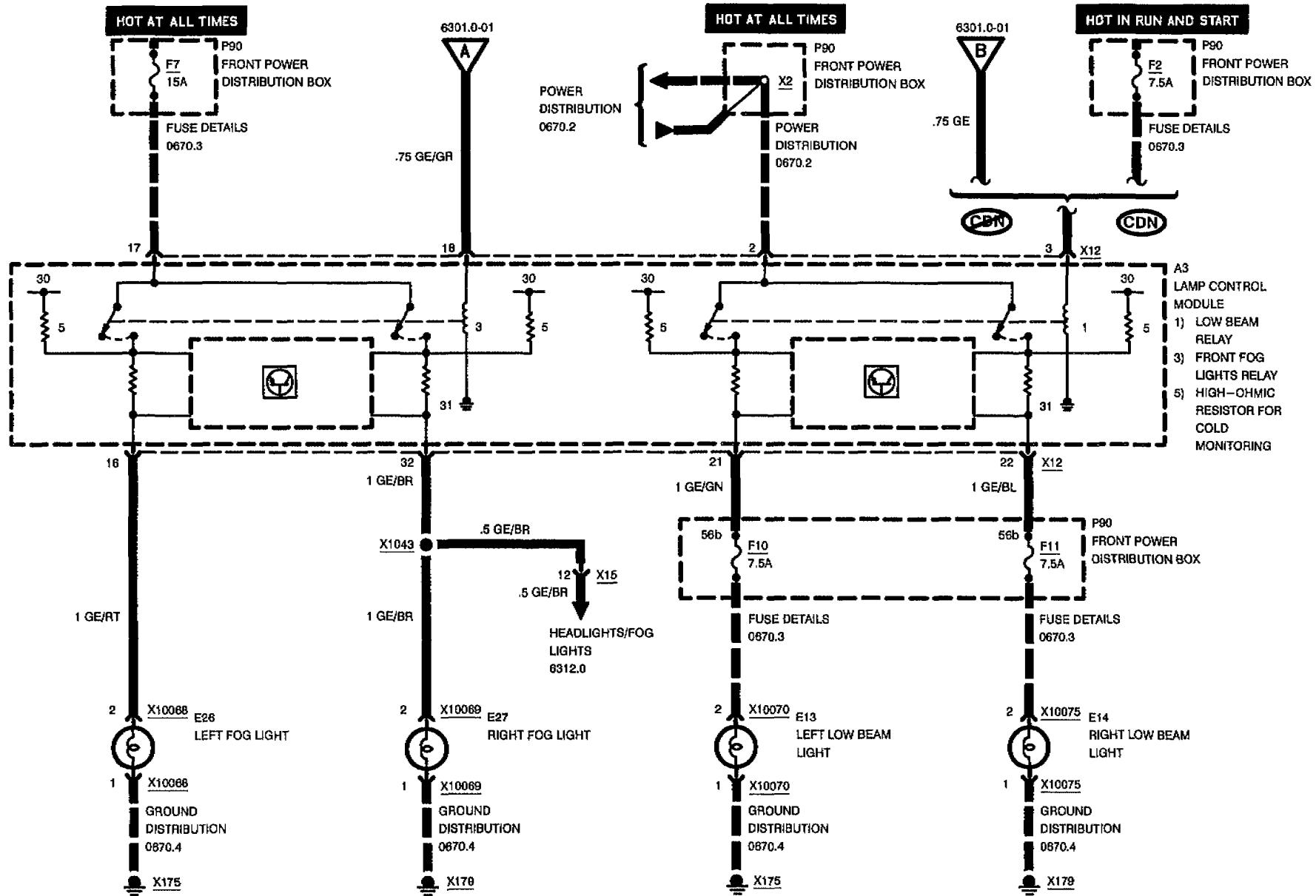
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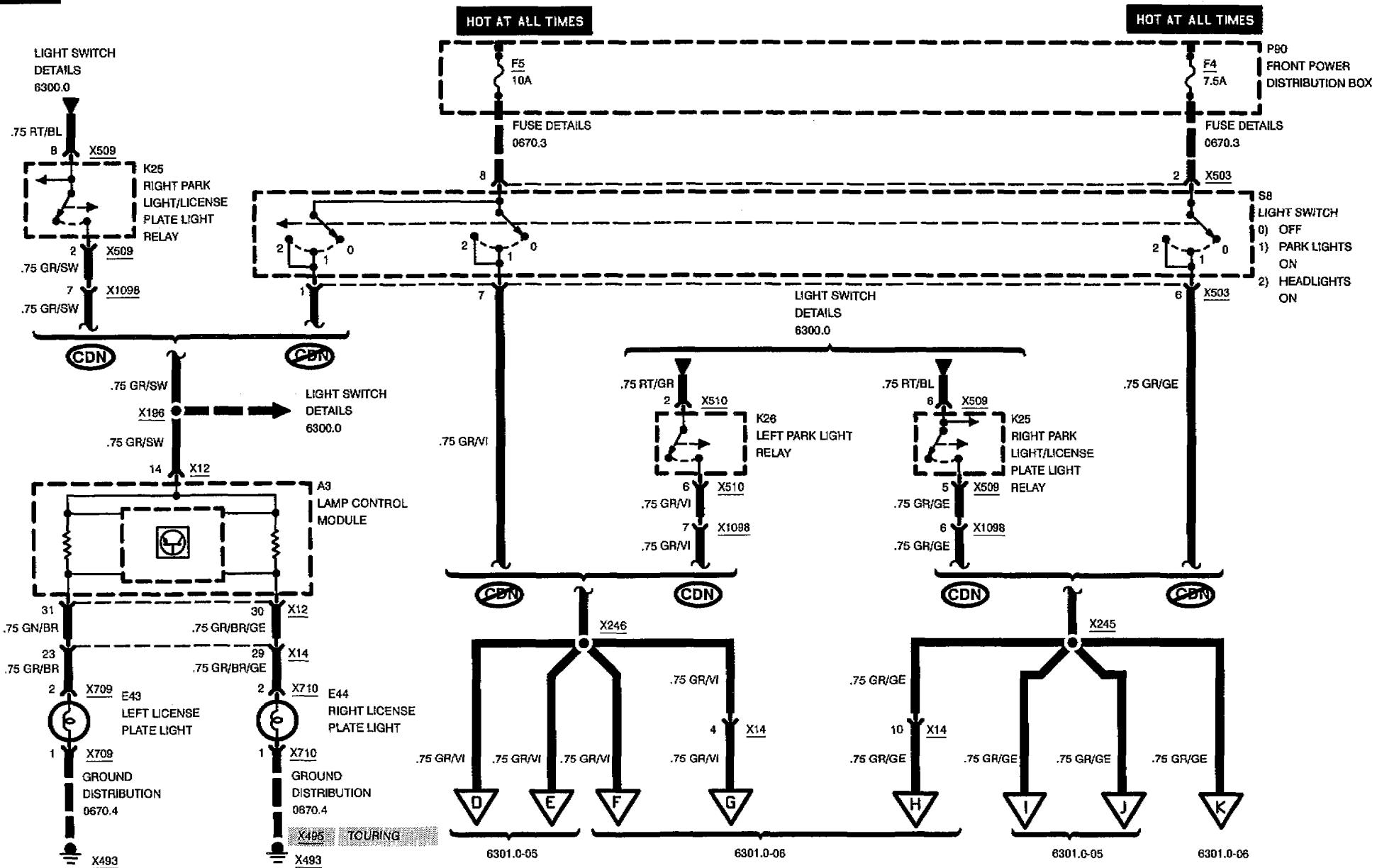
## LAMP MONITOR (LKM)



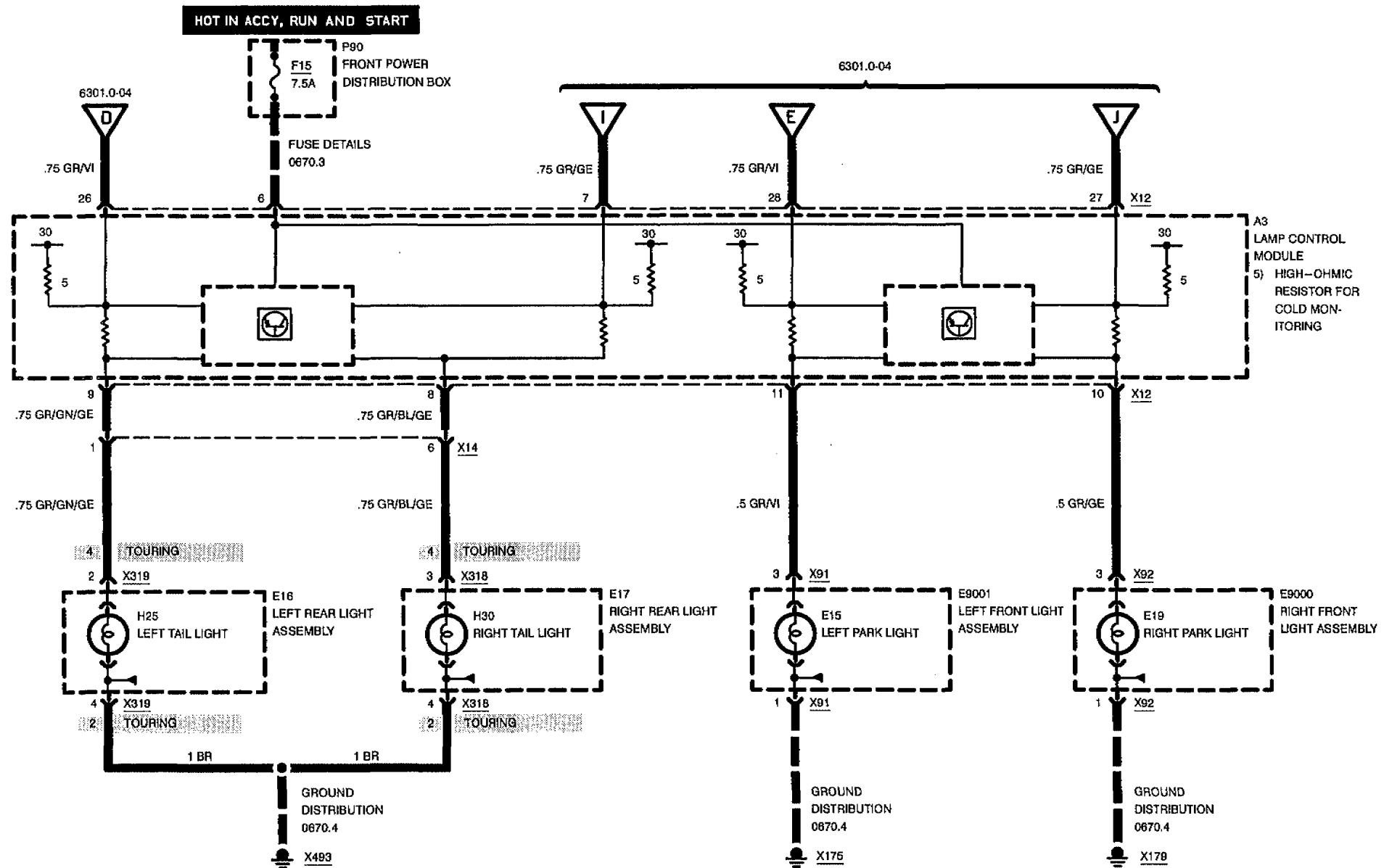


**LAMP MONITOR (LKM)**

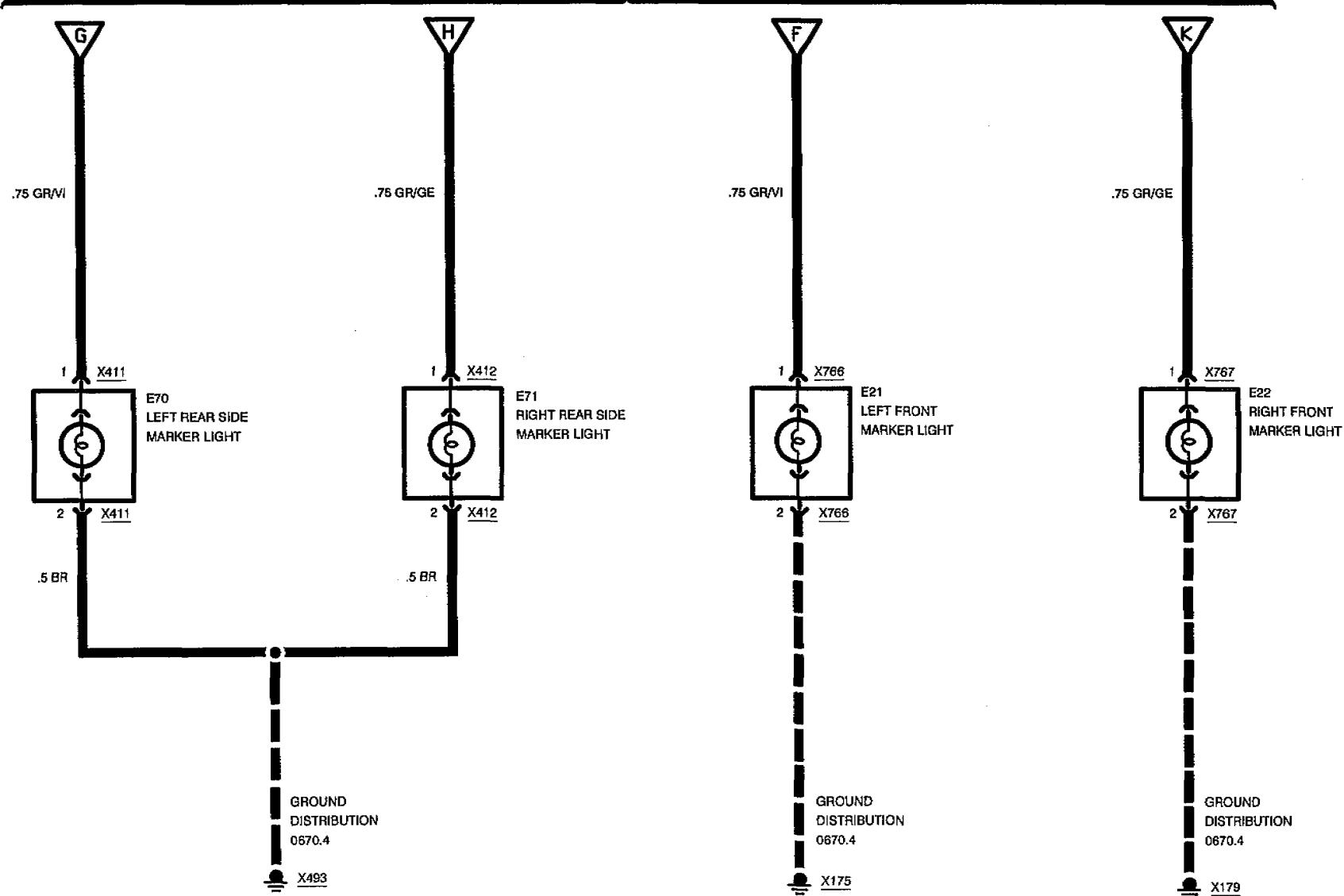
## LAMP MONITOR (LKM)



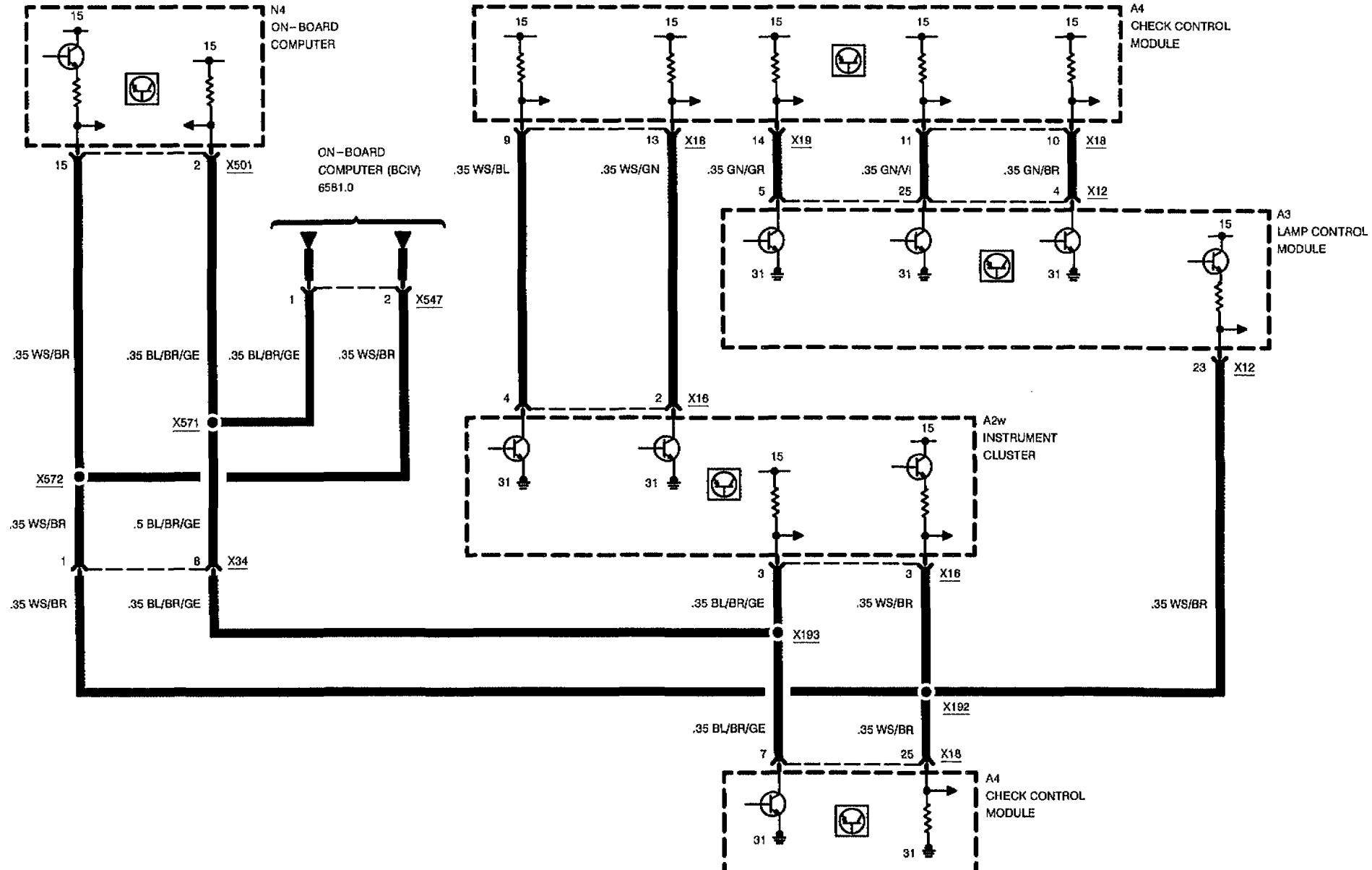
# LAMP MONITOR (LKM)

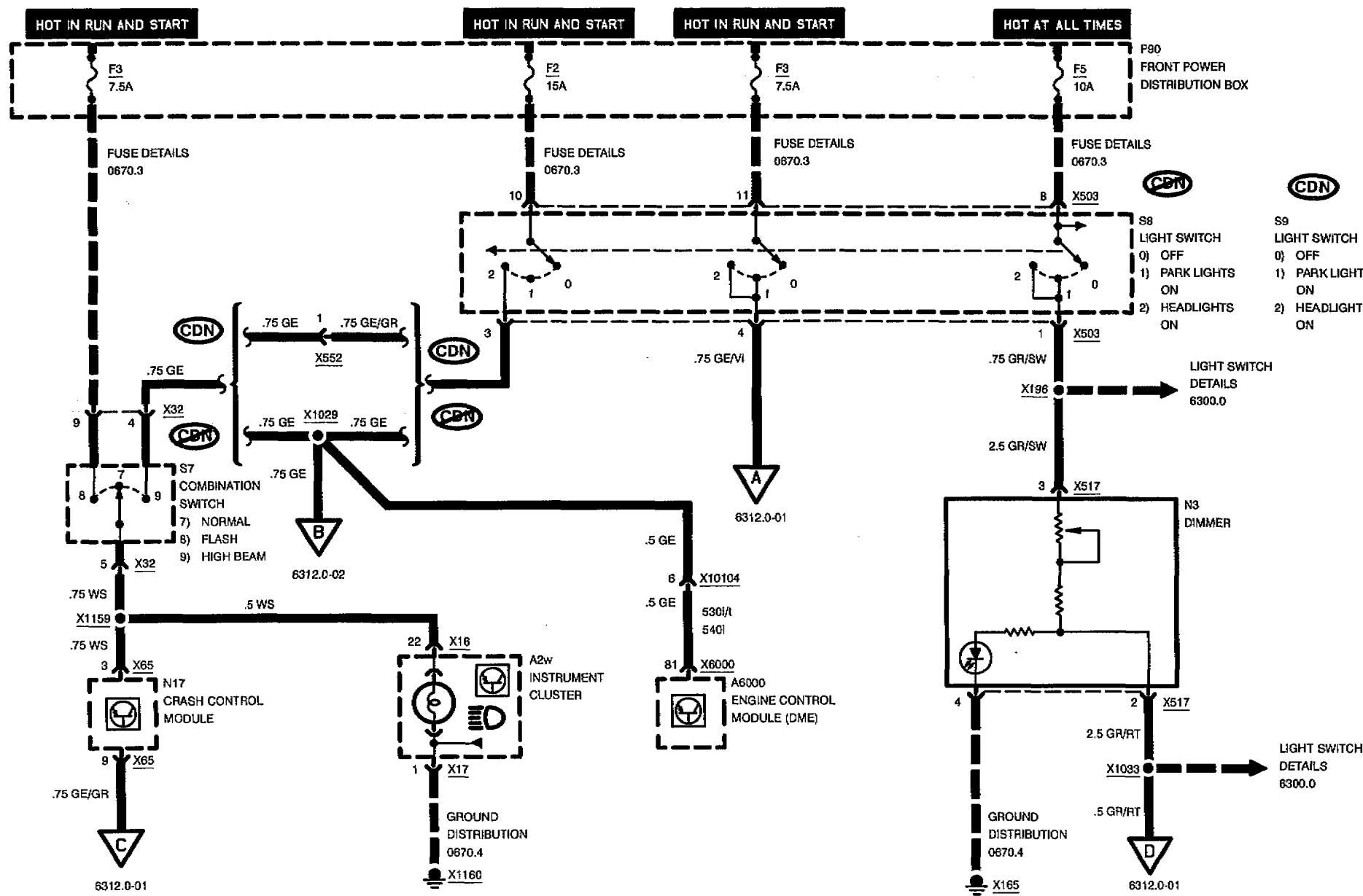


6301.0-04

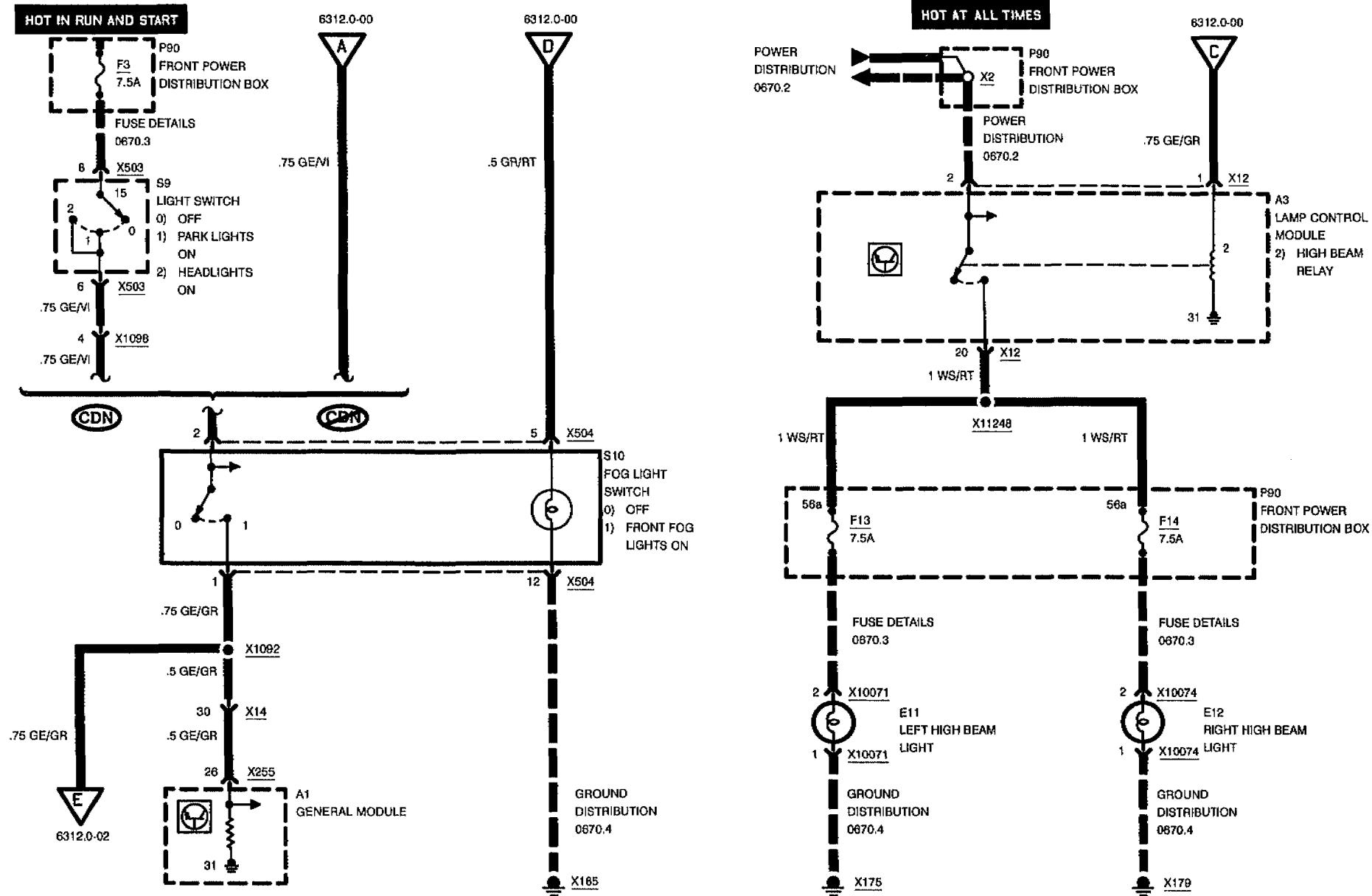


## LAMP MONITOR (LKM)

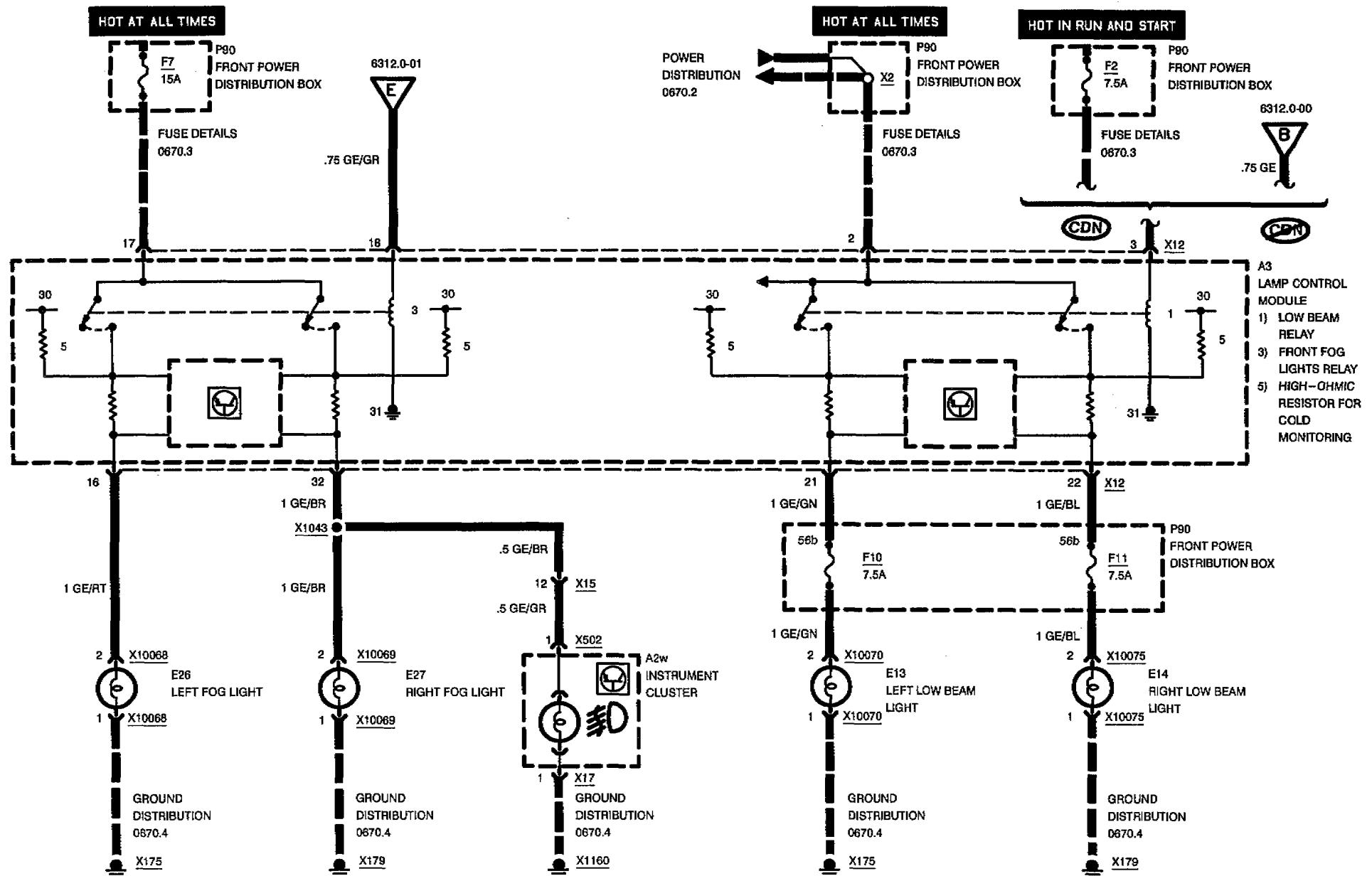




## HEADLIGHTS/FOG LIGHTS

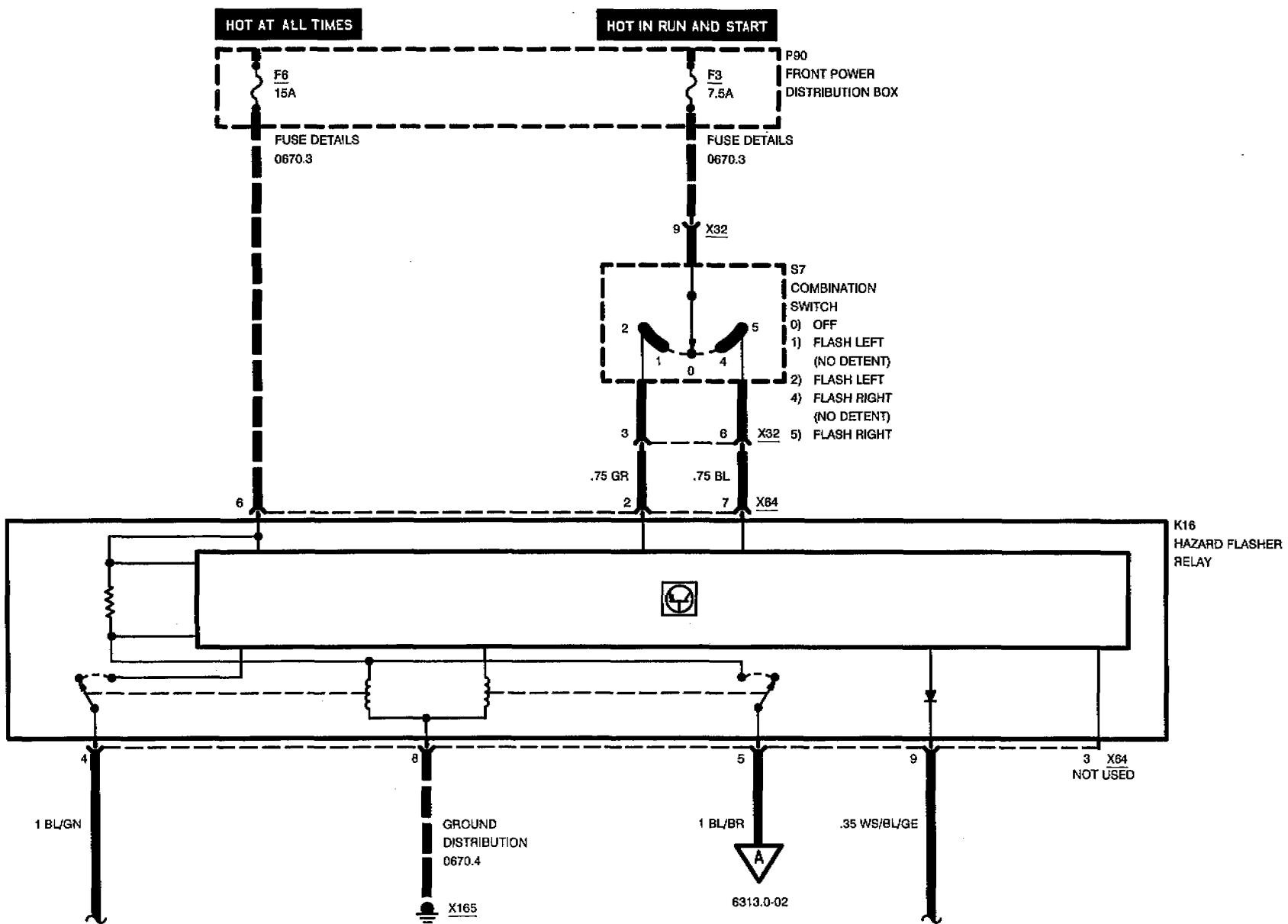


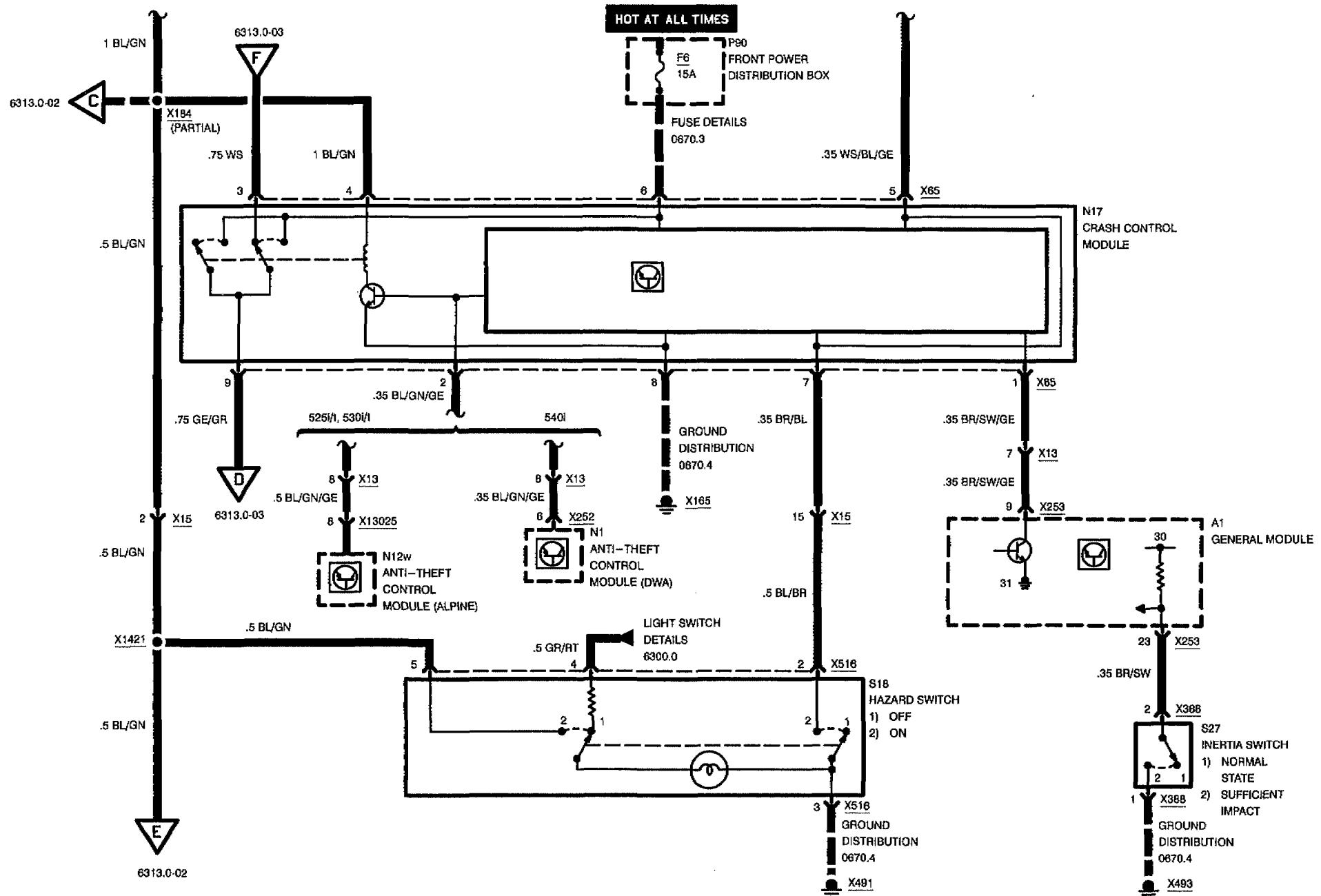
## HEADLIGHTS/FOG LIGHTS

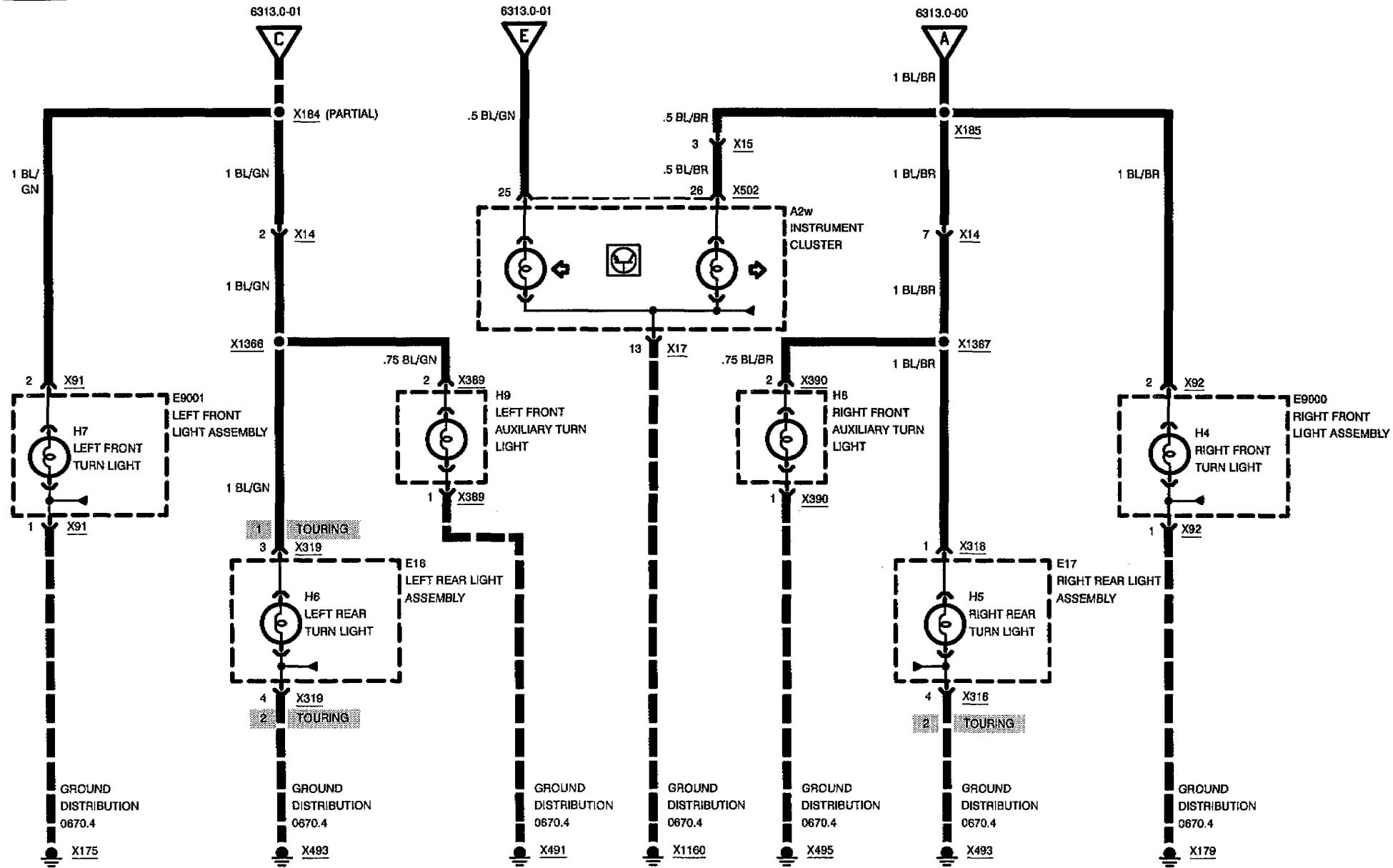


BMW  
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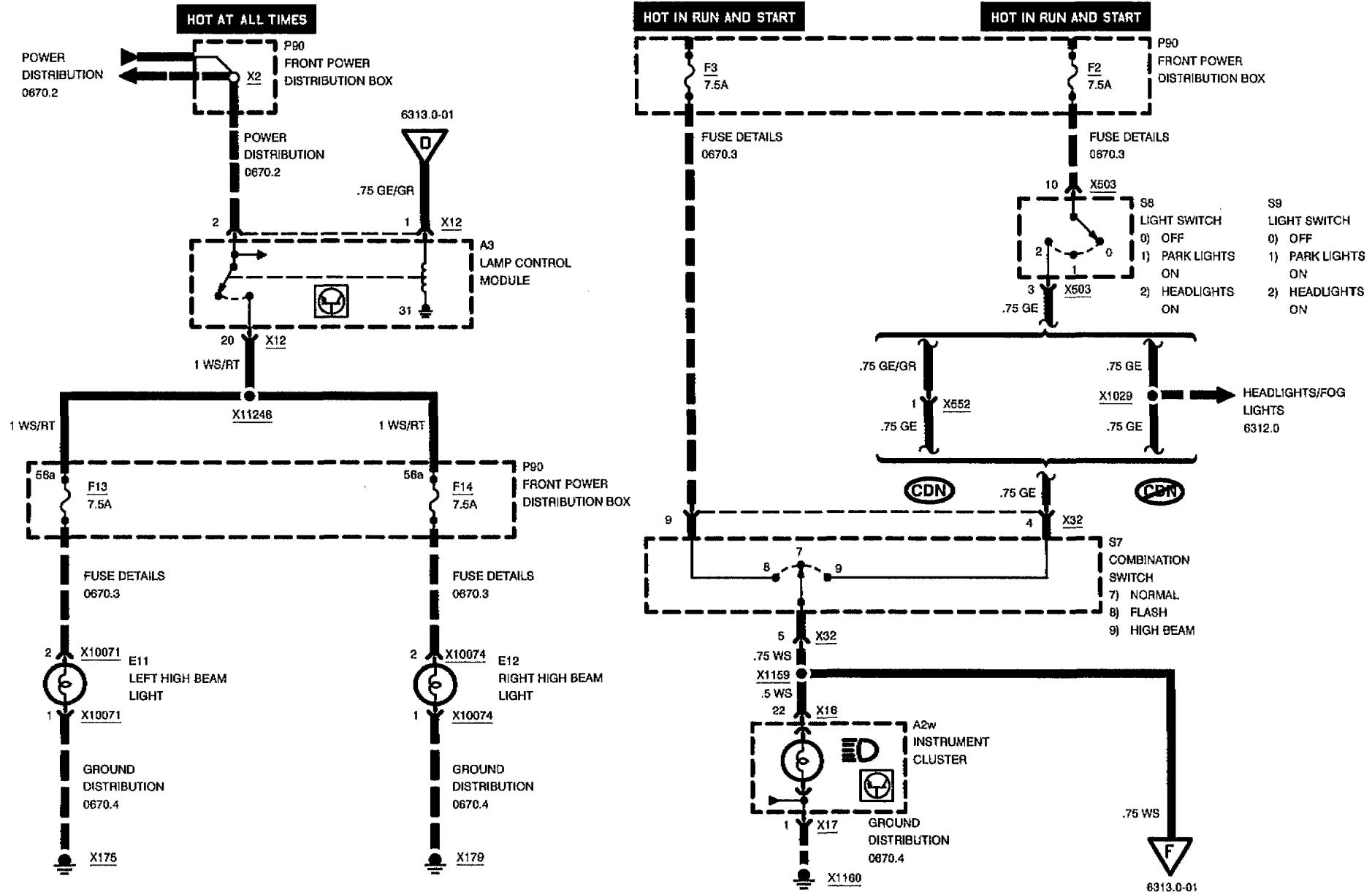




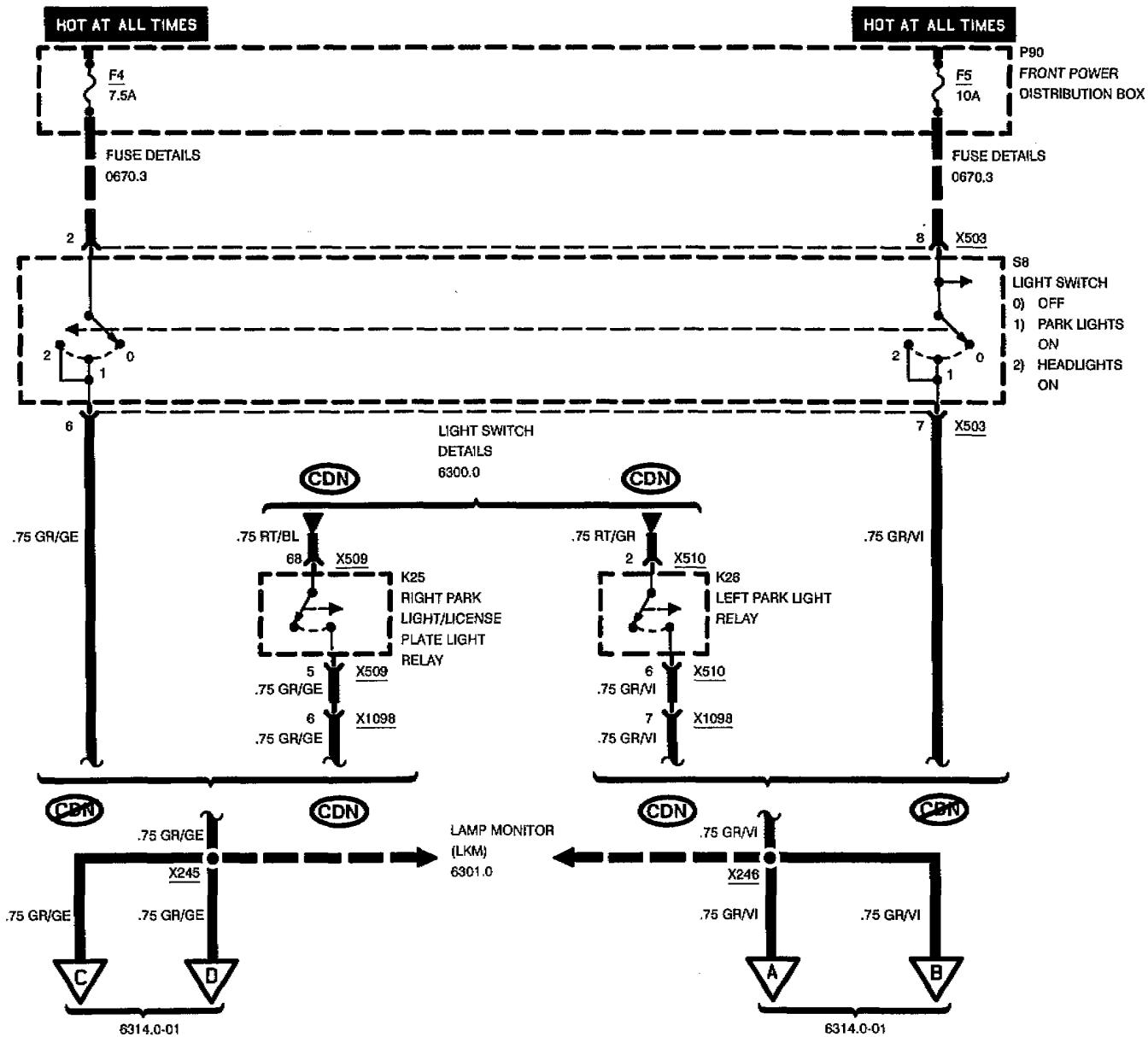
## TURN/HAZARD LIGHTS

02/97

6313.0-03



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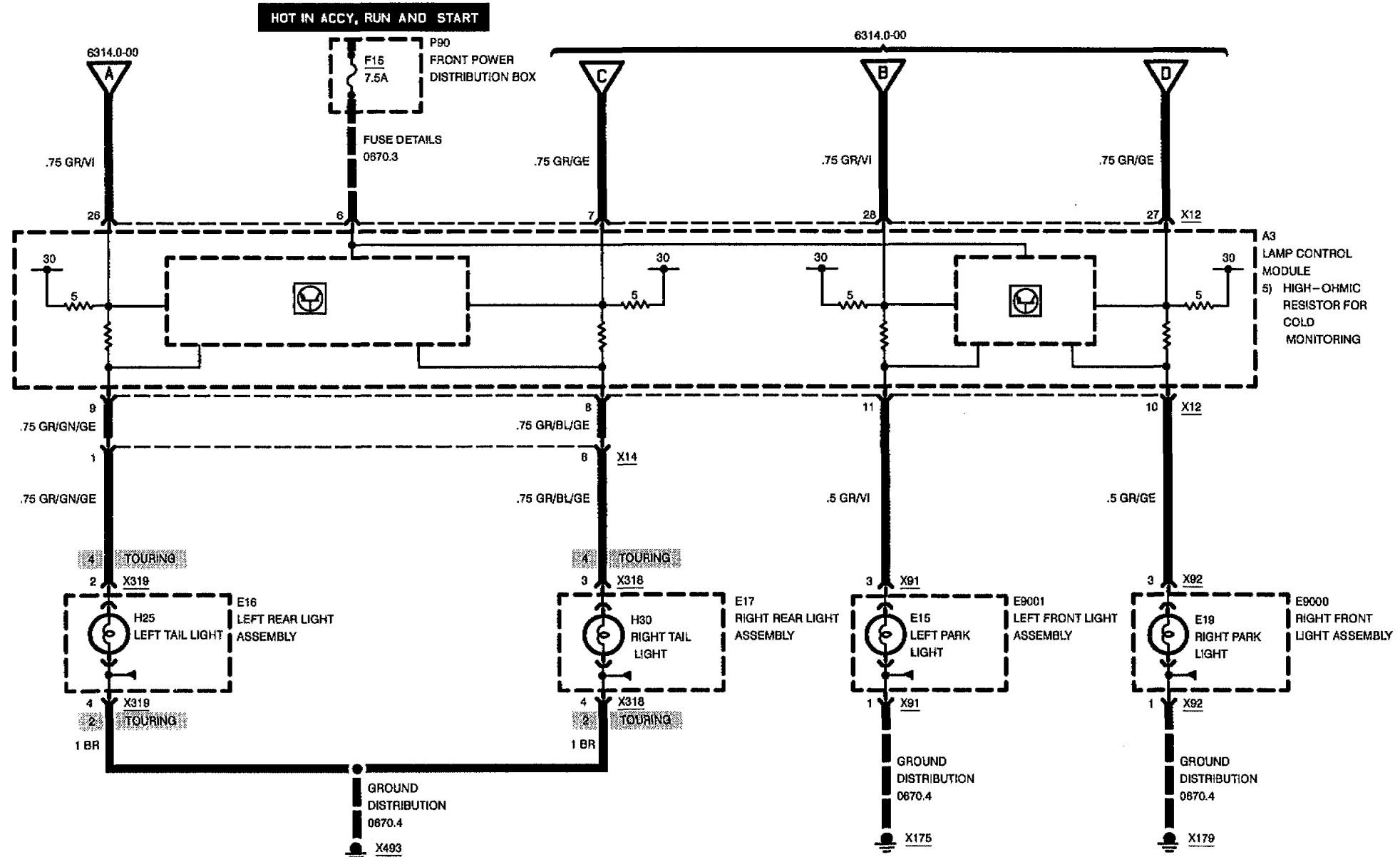




# PARK/TAIL LIGHTS

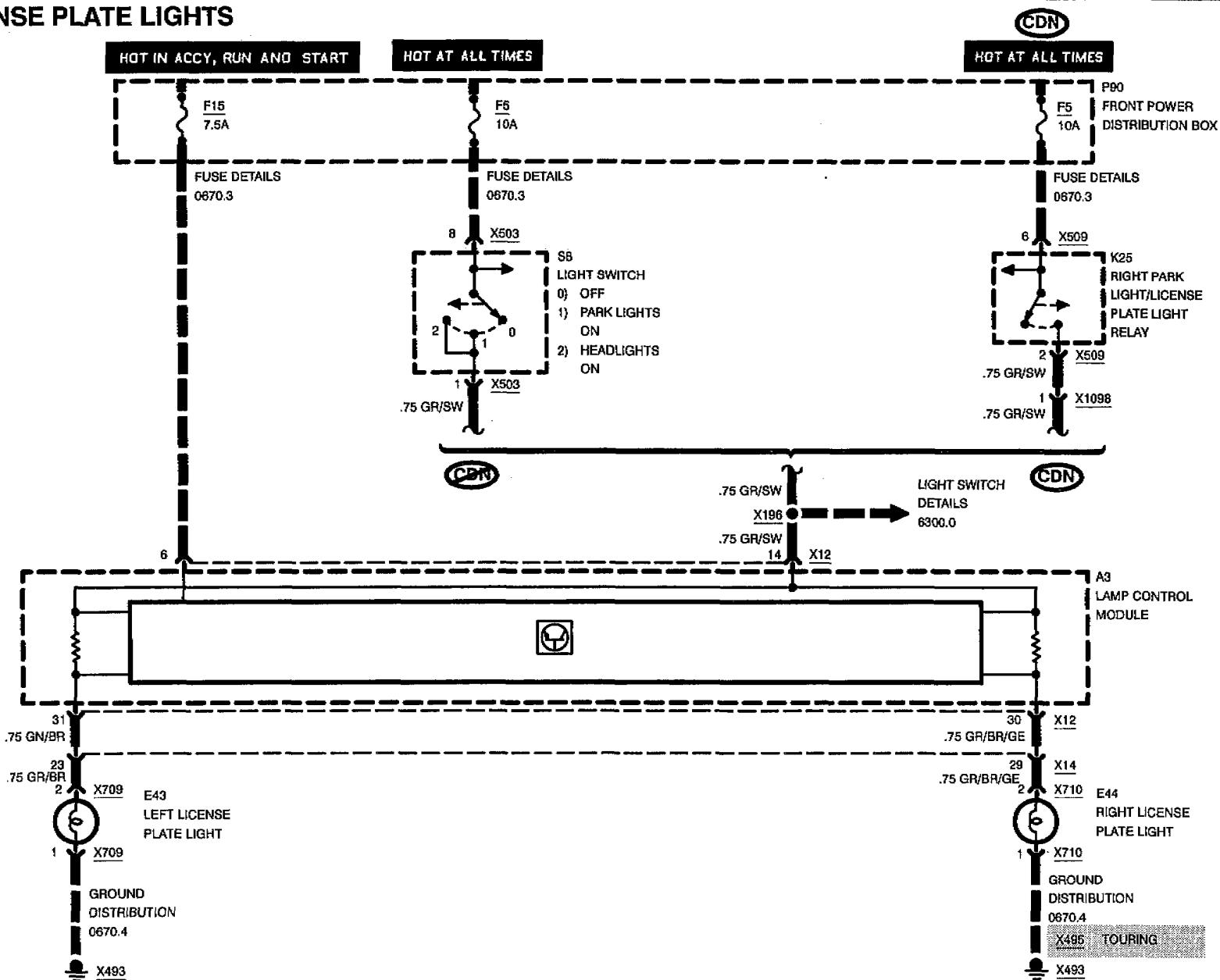
## FRONT AND REAR PARK LIGHTS

02/97



# LICENSE PLATE/LUGGAGE COMPARTMENT LIGHTS

## LICENSE PLATE LIGHTS





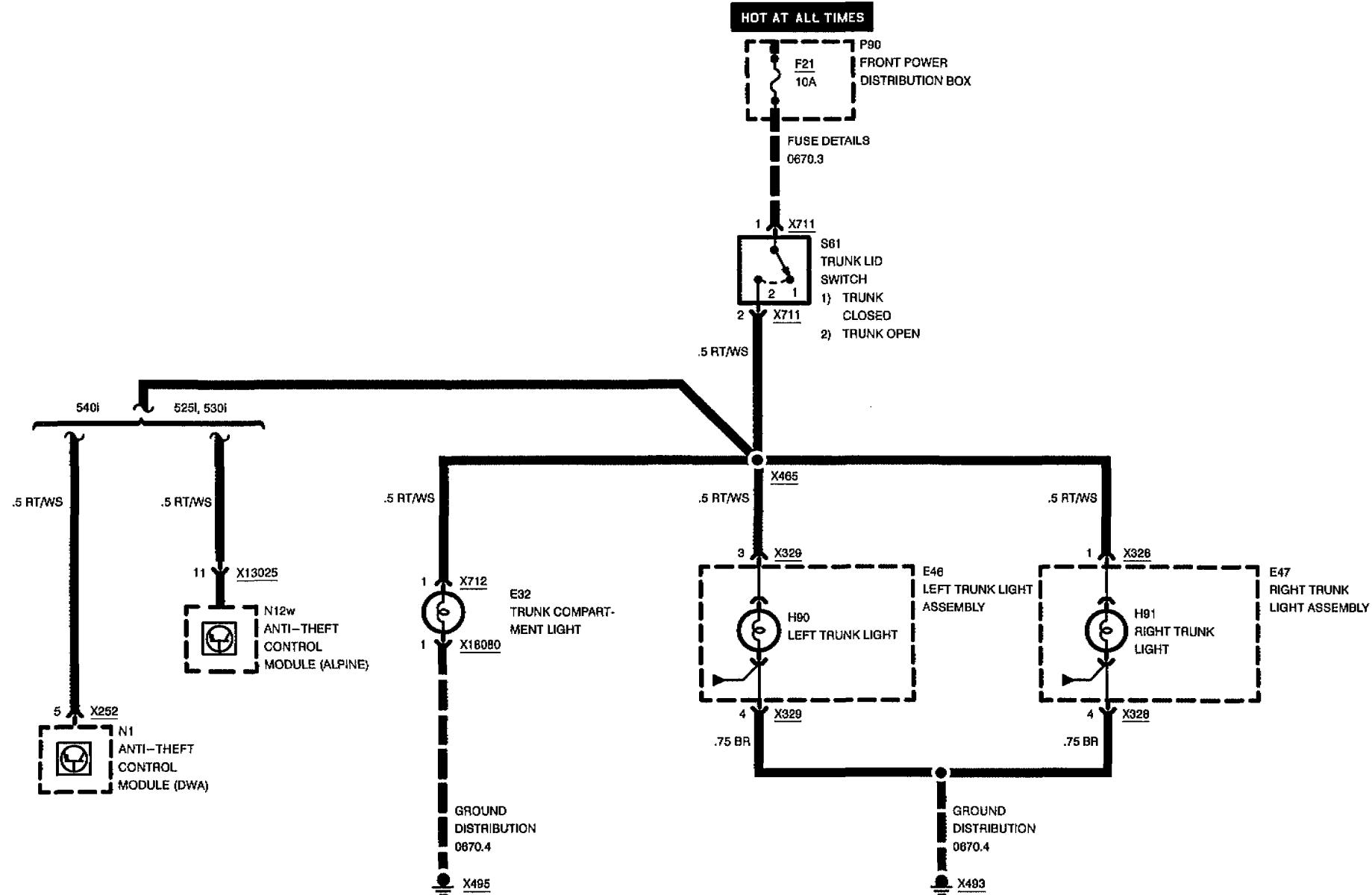
# LICENSE PLATE/LUGGAGE COMPARTMENT LIGHTS

SEDAN

## TRUNK LIGHTS

02/97

6320.0-01



1995

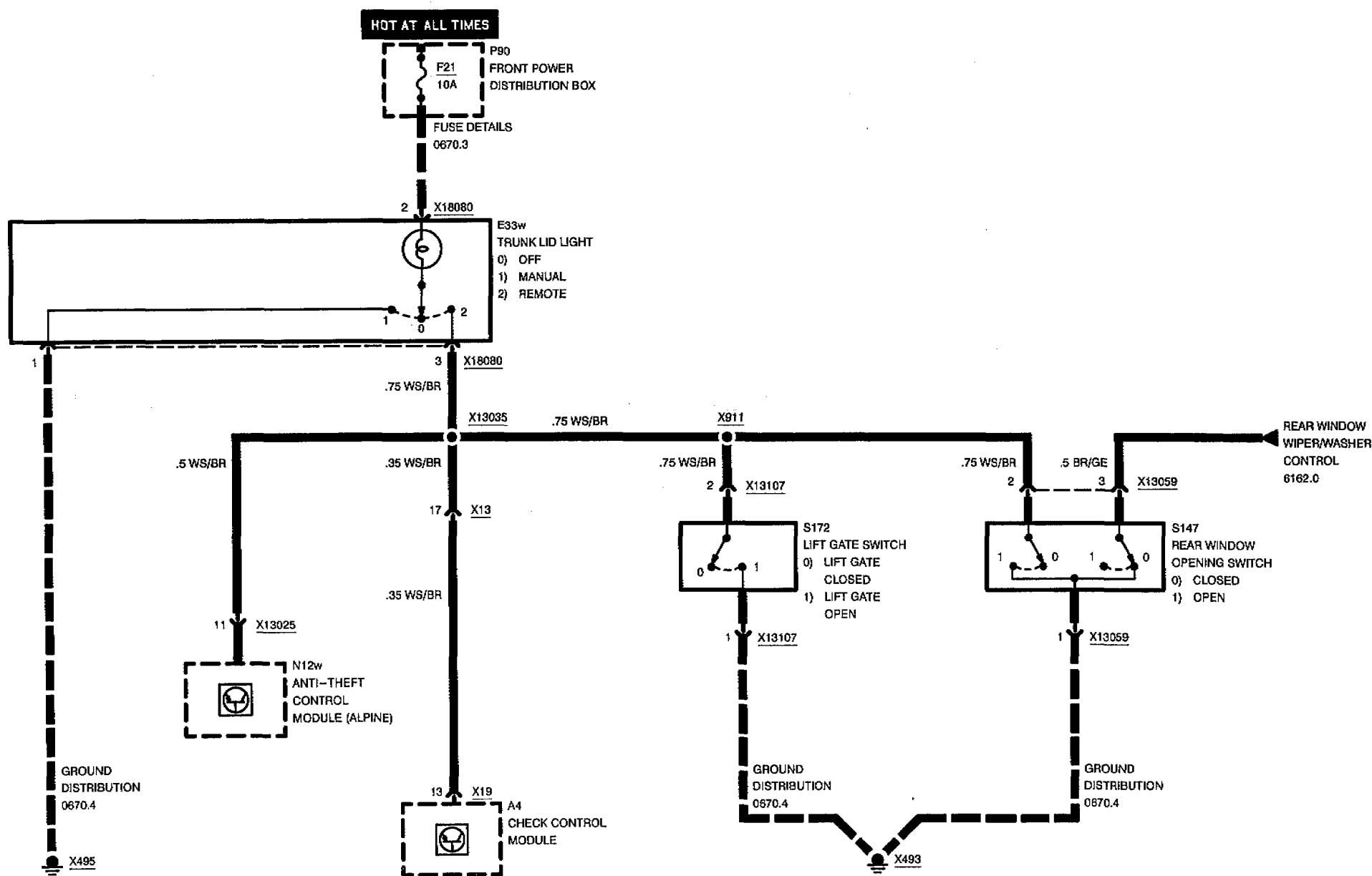


# LICENSE PLATE/LUGGAGE COMPARTMENT LIGHTS

## TRUNK LIGHTS

TOURING

02/97

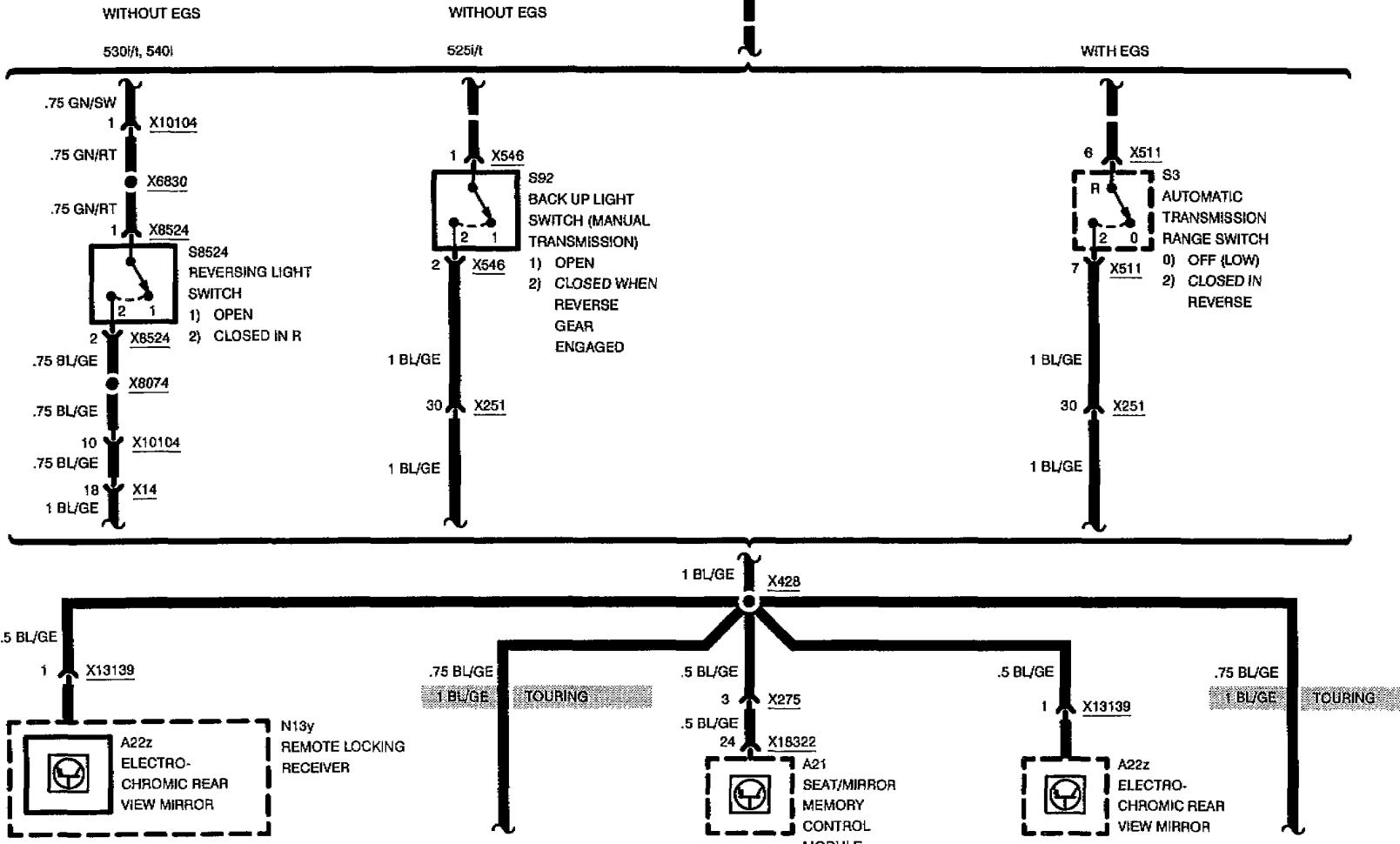
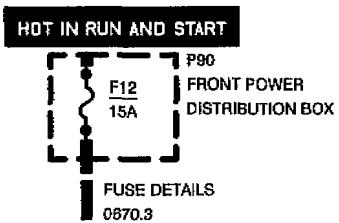


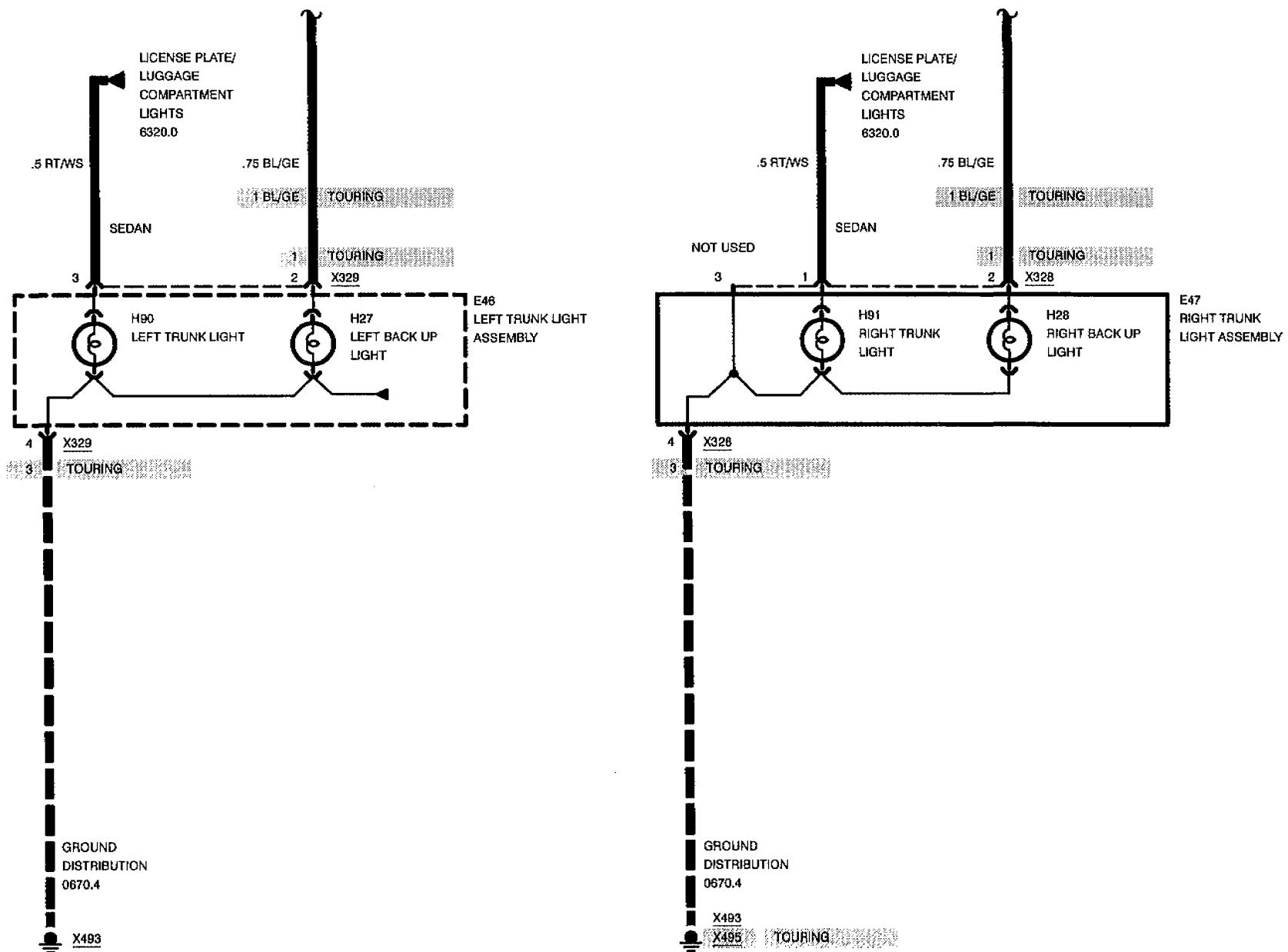
6320.0-02

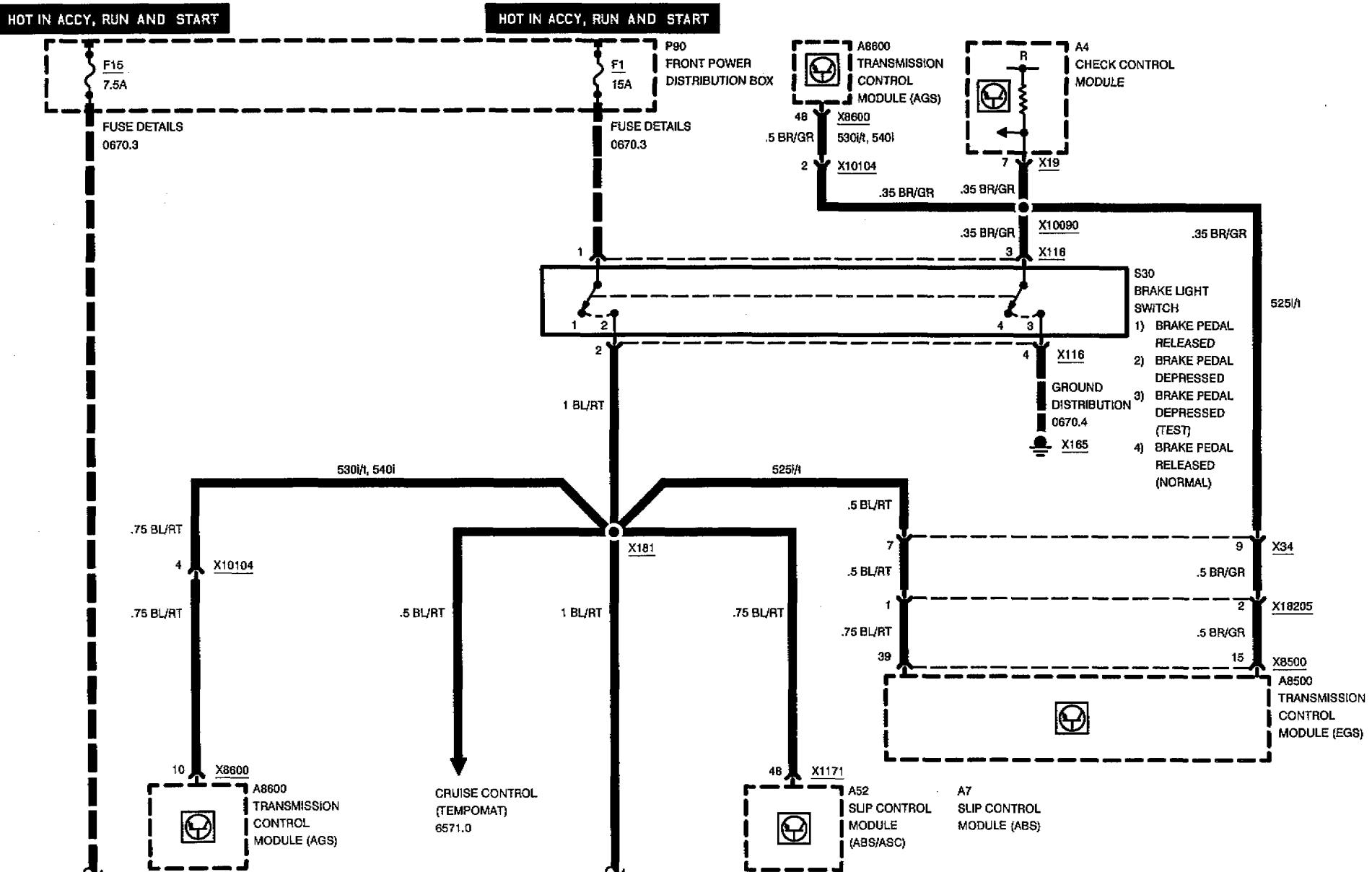
1995

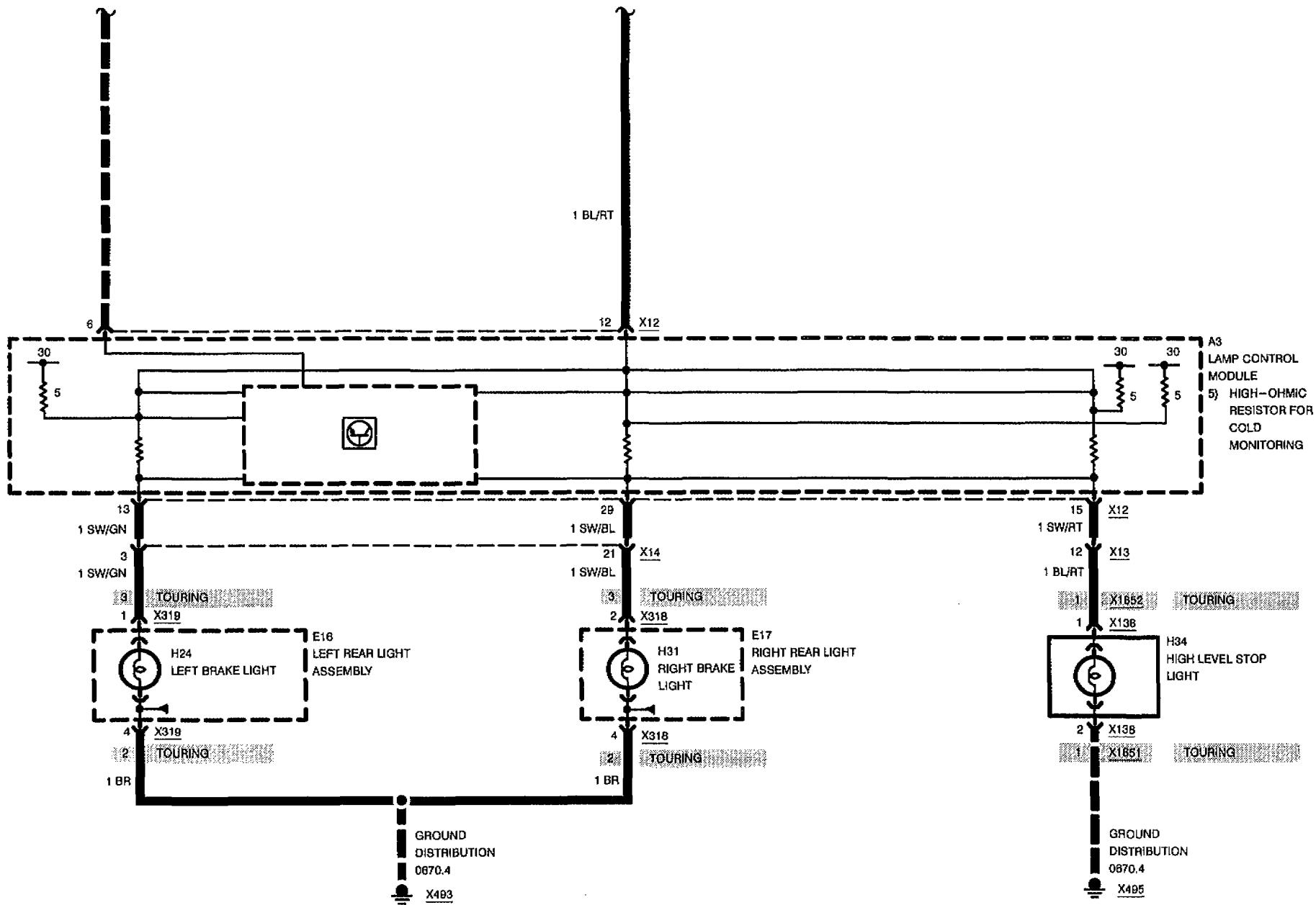


6322.0





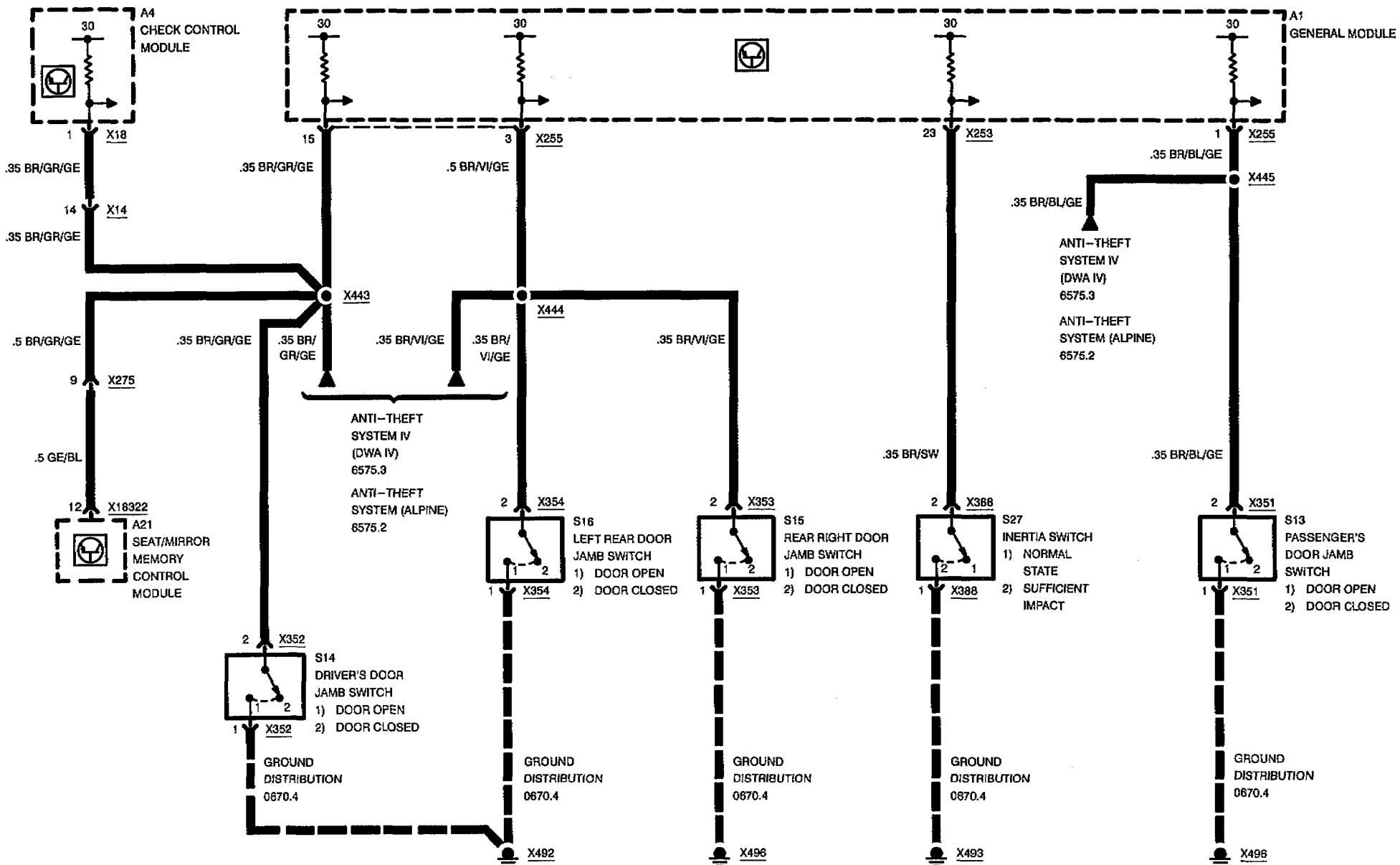




# BMW ZKE INTERIOR LIGHTS CONTROL (IB)

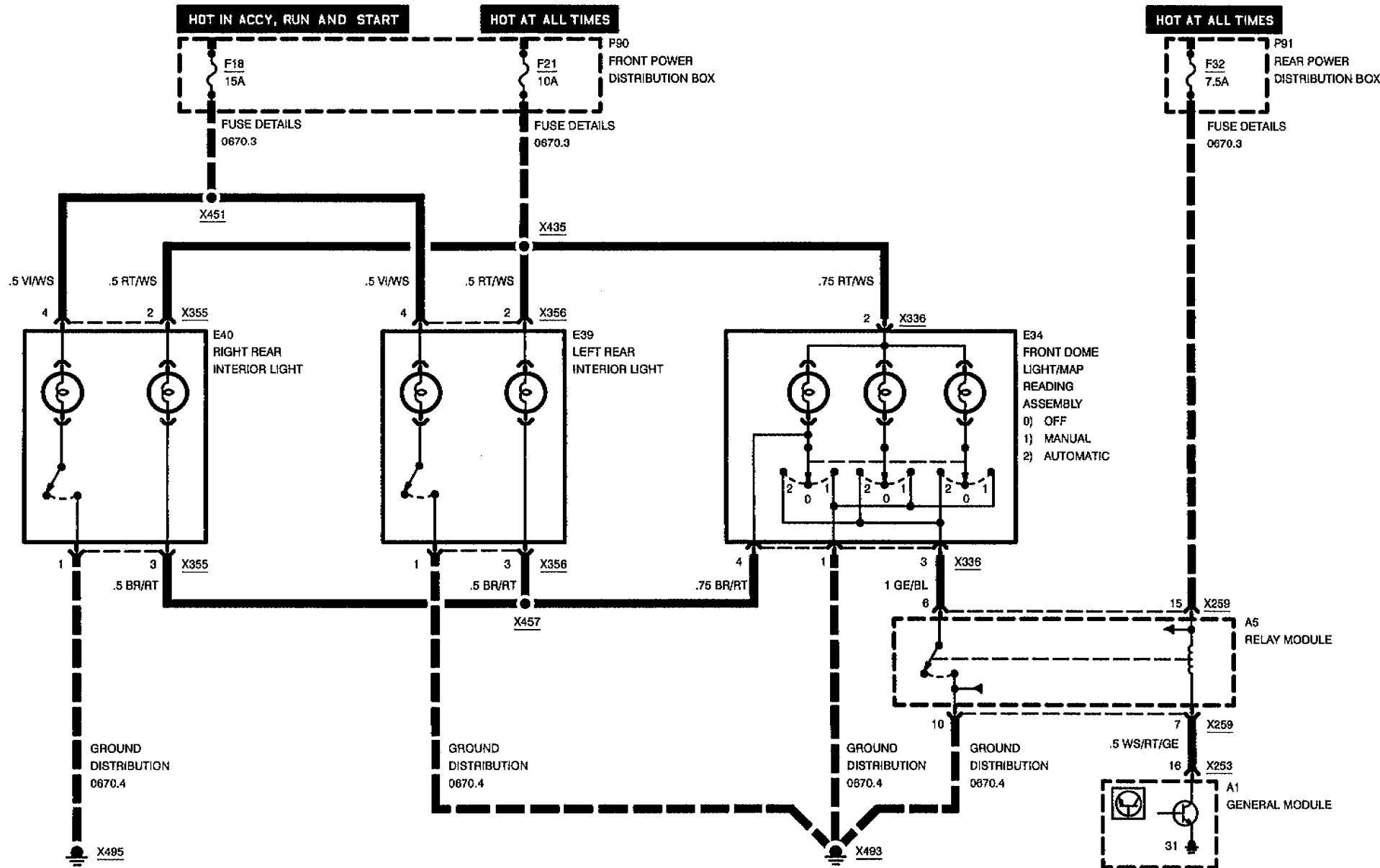
**5**

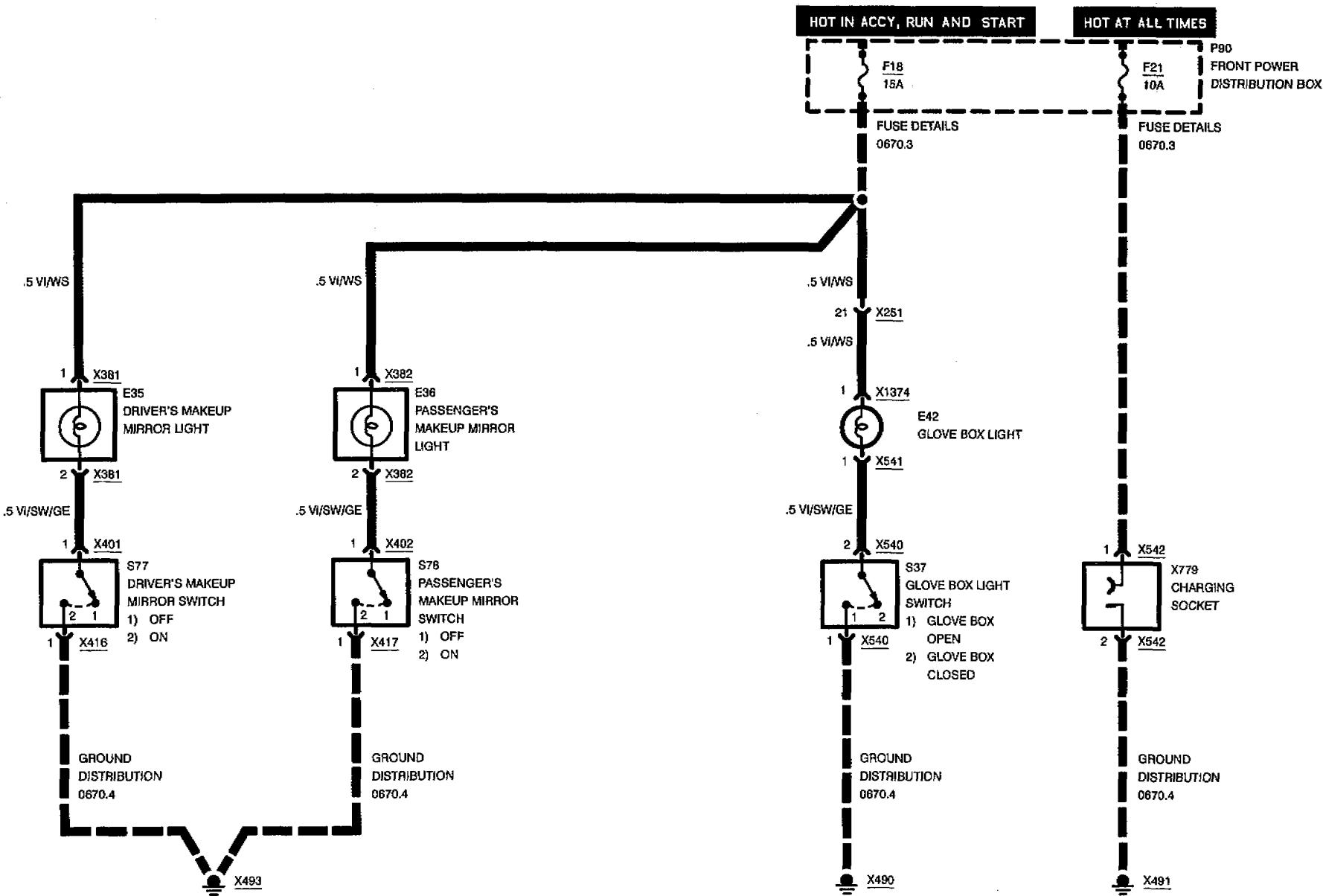
## INPUT DETAILS

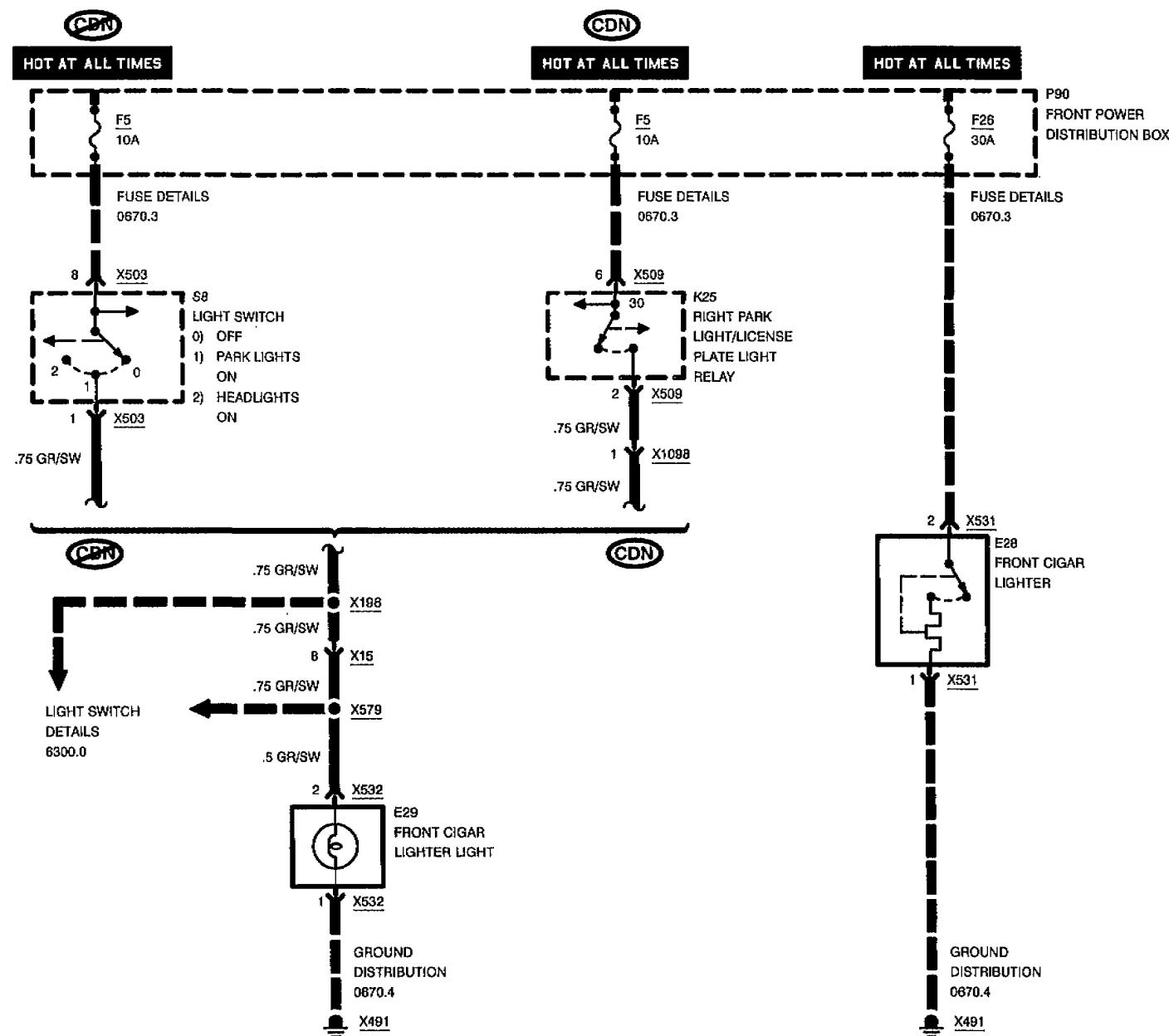


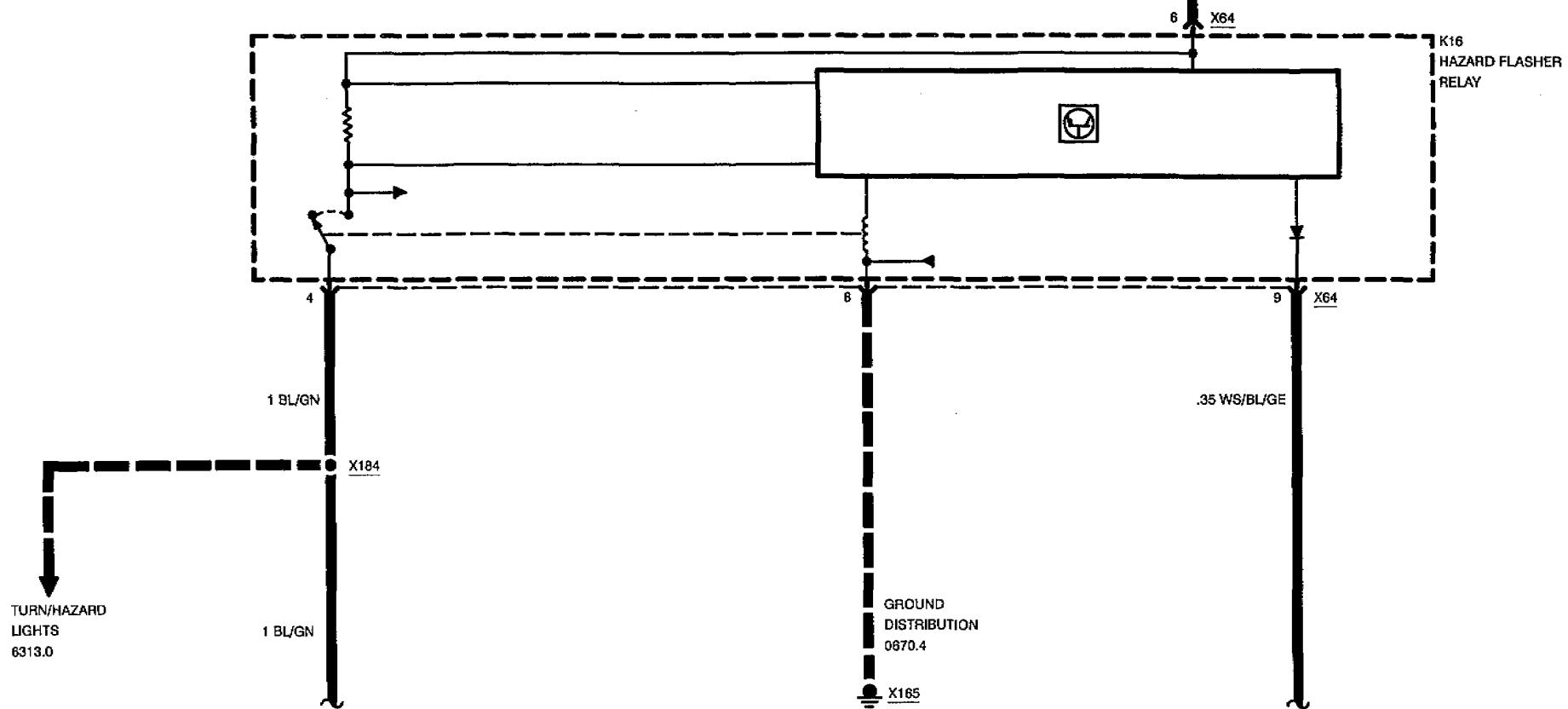
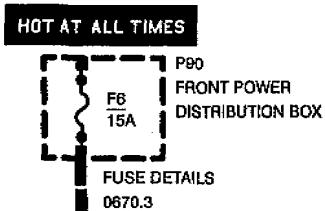
# ZKE INTERIOR LIGHTS CONTROL (IB)

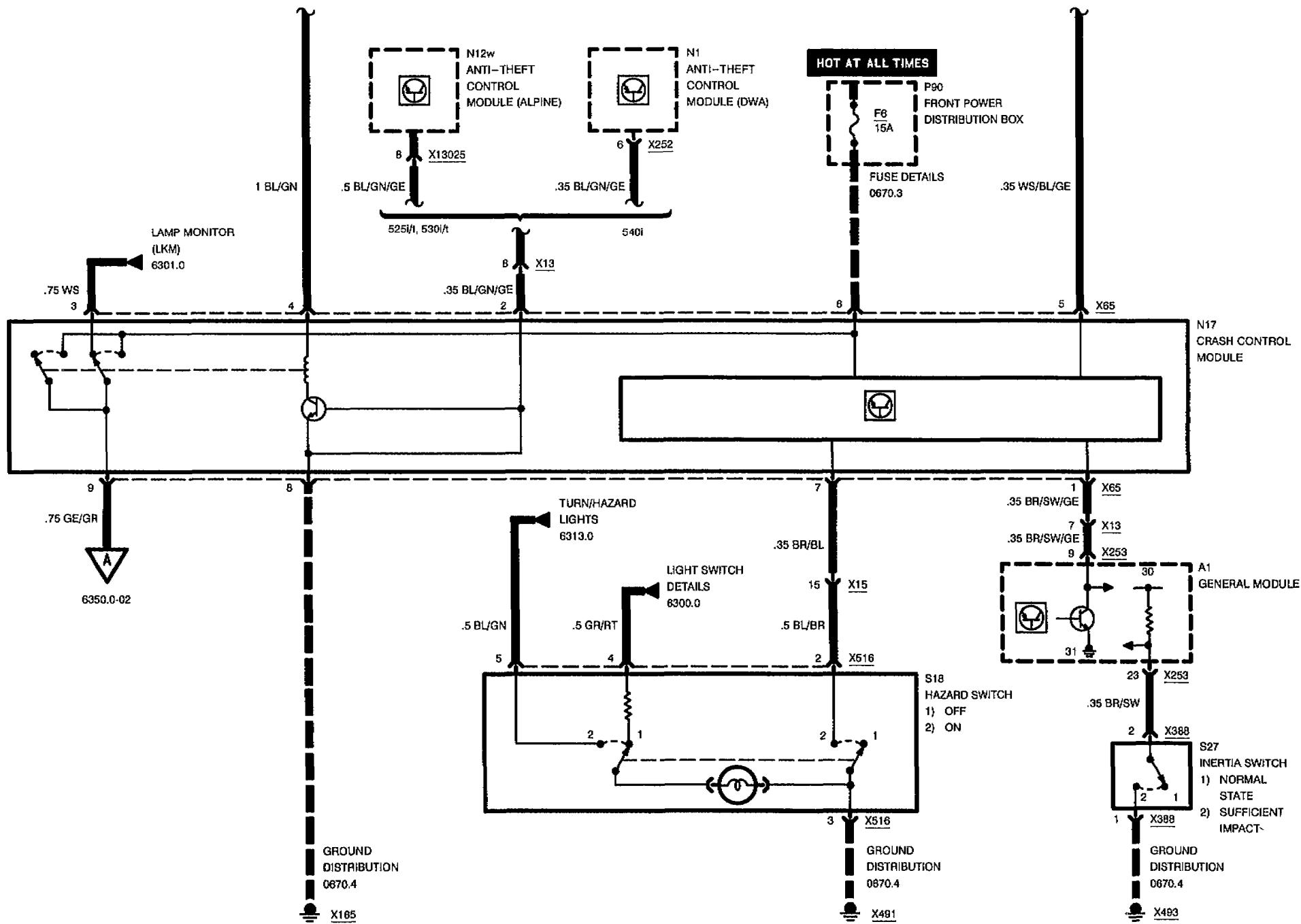
## OUTPUT DETAILS

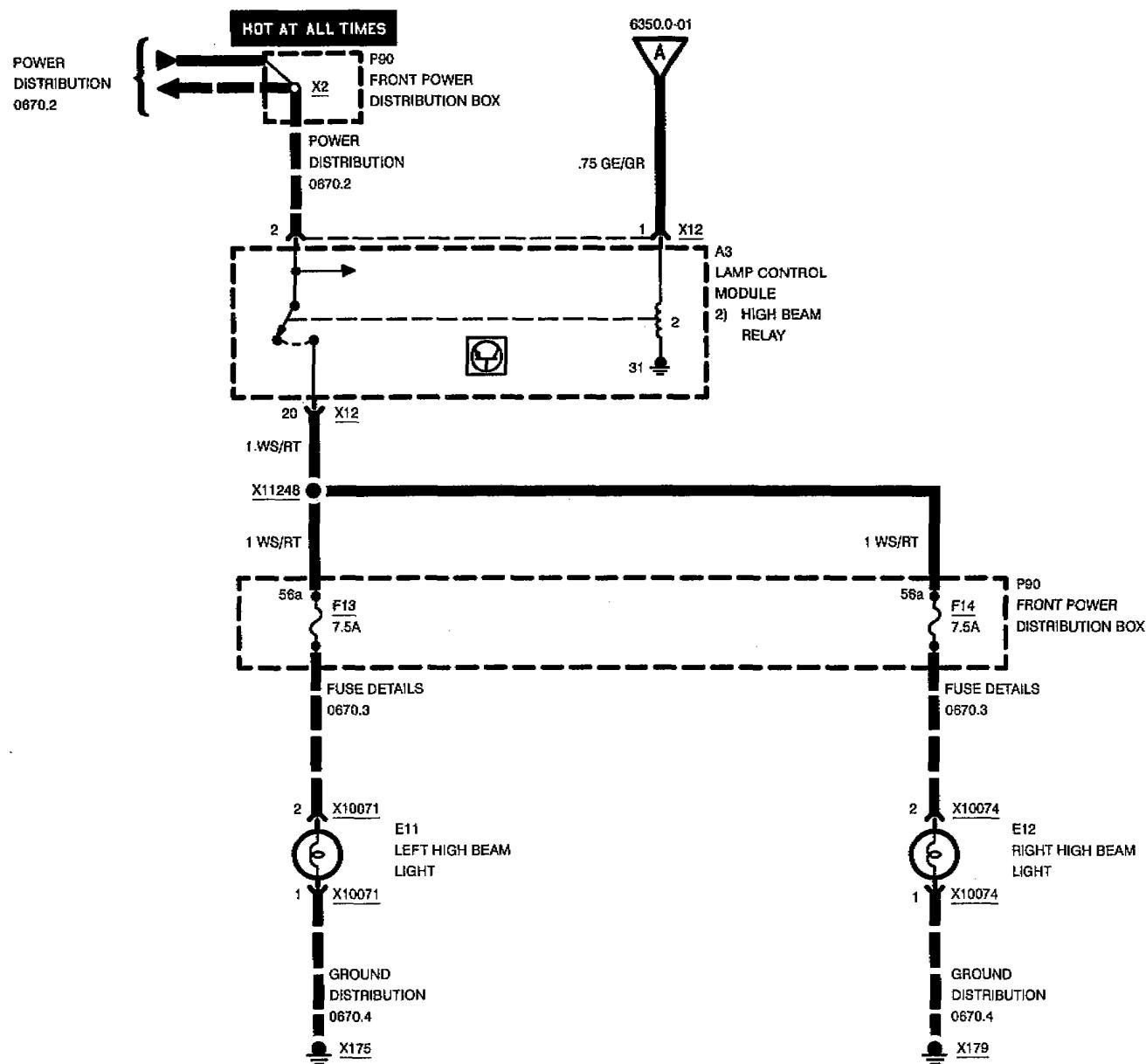






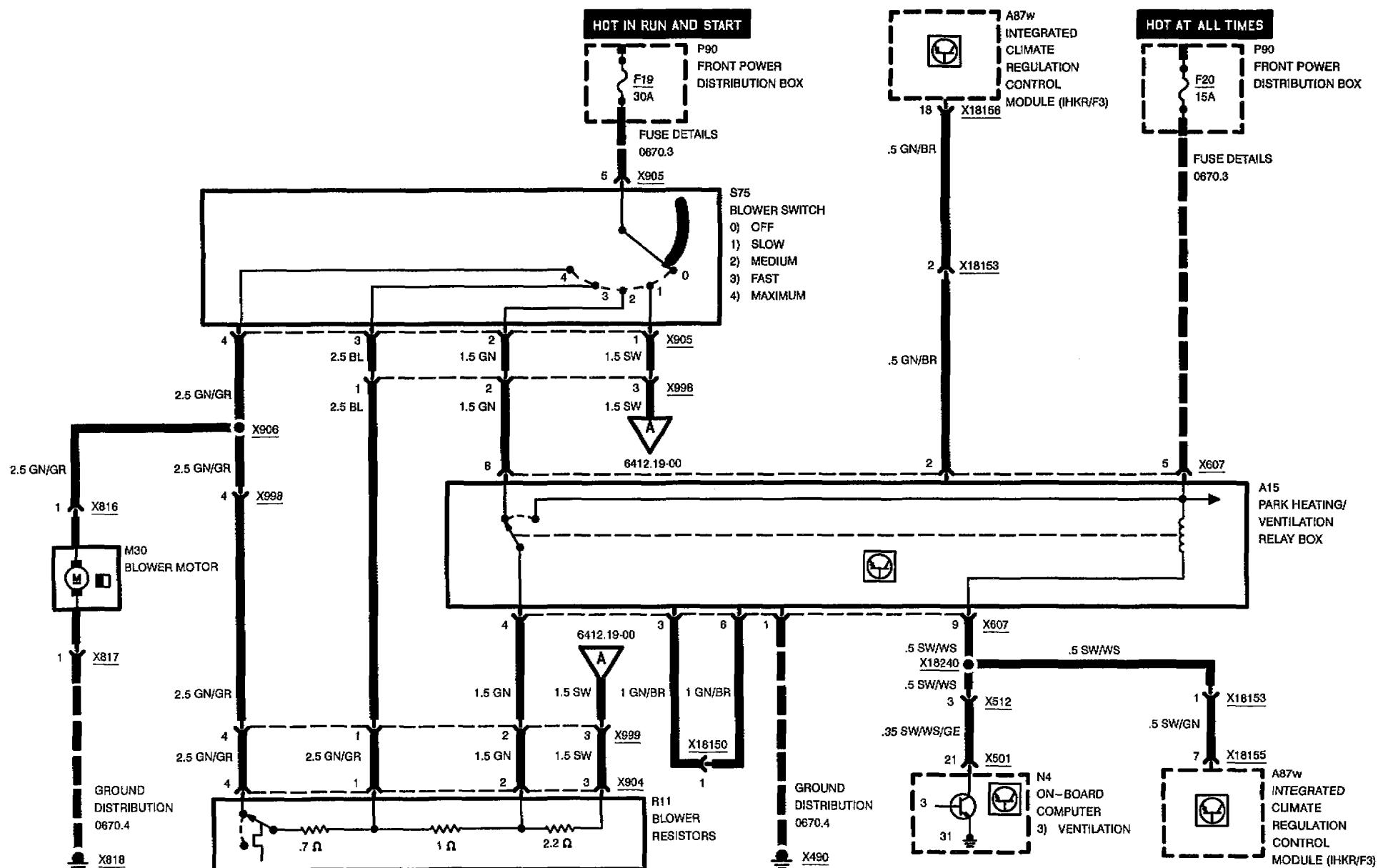






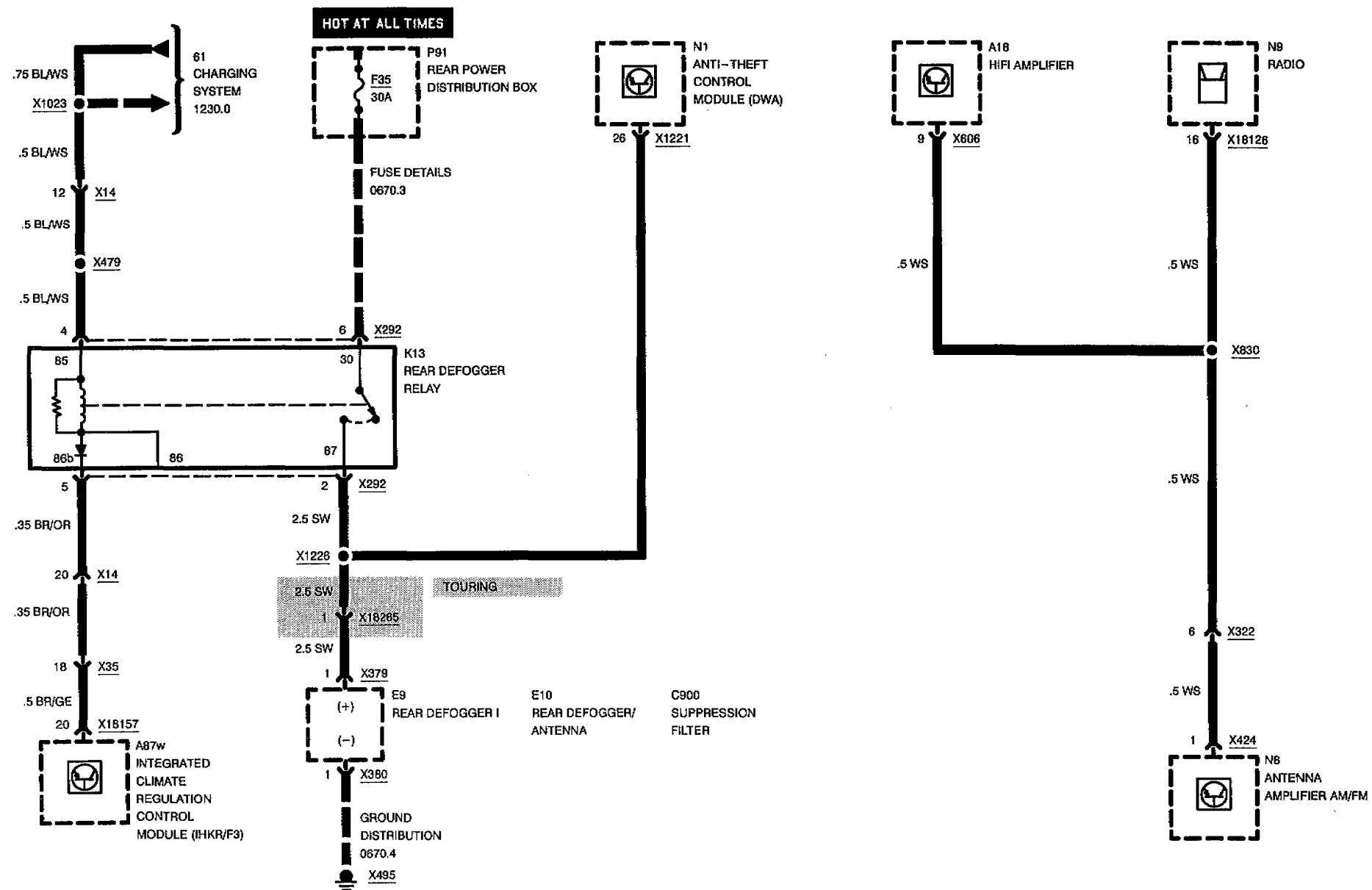


6412.19



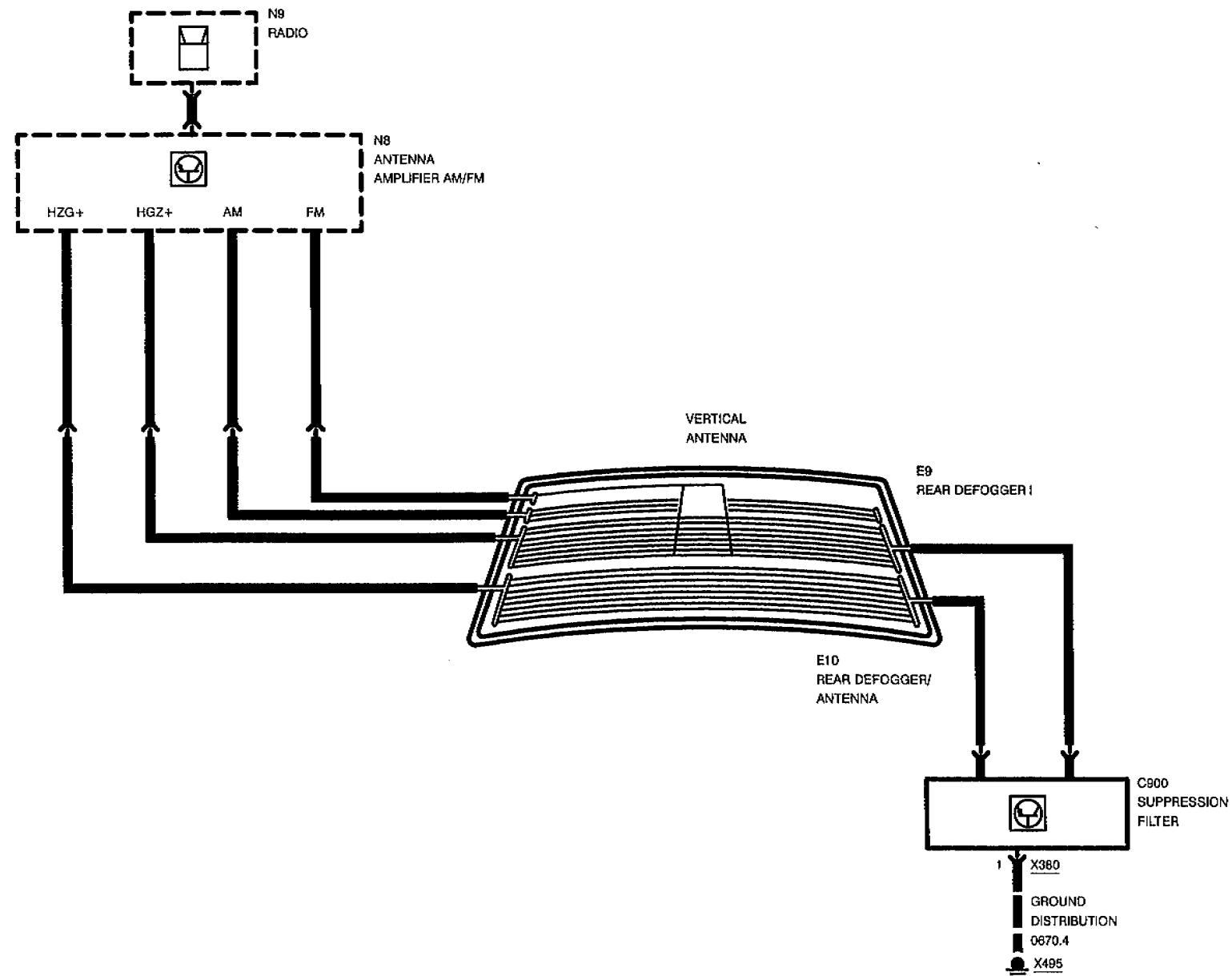


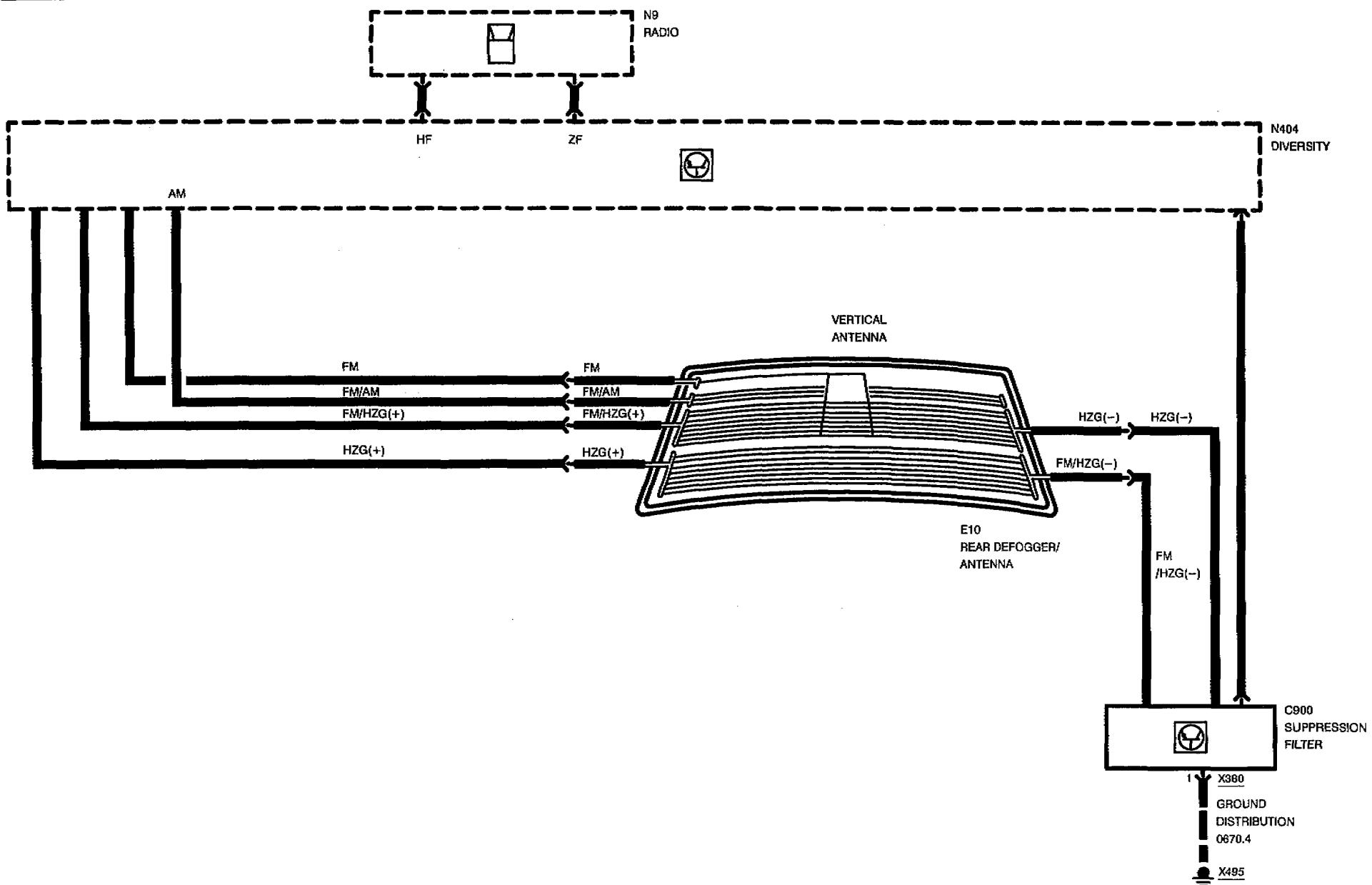
6424.0

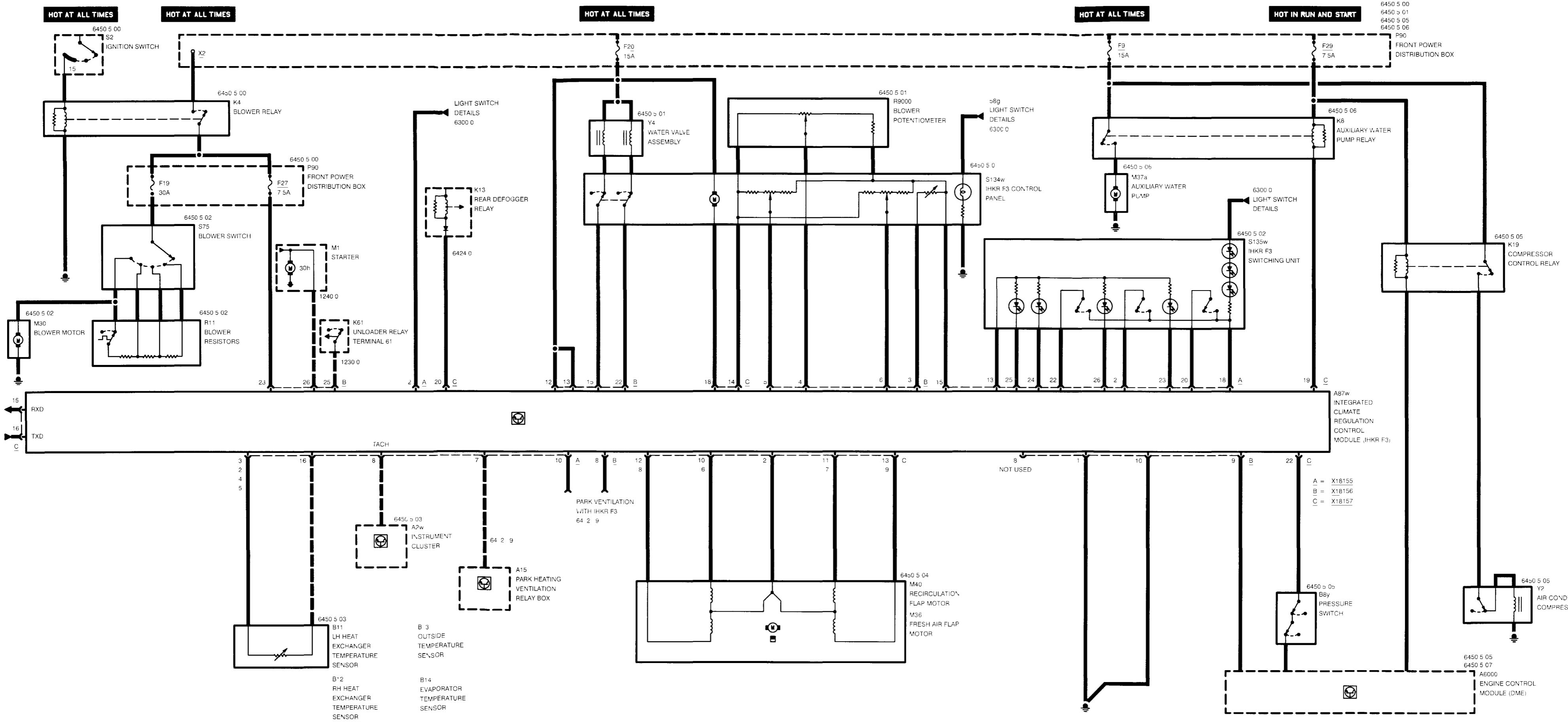


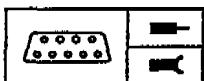
# REAR WINDOW DEFOGGER/ANTENNA

## REAR WINDOW ANTENNA









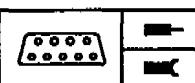
## Pin Assignments

A=X18155	26 Pins, white
B=X18156	26 Pins, black
C=X18157	26 Pins, blue

### X18155

Pin	Type	Description/ Function	Connection
1		Not used	
2	E	Heater temperature, right	Heat exchanger temperature sensor, RH
3	E	Heater temperature, left	Heat exchanger temperature sensor, LH
4	E	Outside temperature	Outside temperature sensor
5	E	Evaporator temperature	Evaporator temperature sensor
6		Not used	
7	E	Independent ventilation	Park heating/ventilation relay box
8	E	Vehicle speed	Instrument cluster
9		Not used	
10	E	Independent heating	Park heating/ventilation relay box
11		Not used	
12	E	Terminal 58k	Light switch
13	A	Voltage supply for function lights	IHKR/F3 switching unit
14		Not used	
15	M	Ground for control wheels and inside temperature sensor	IHKR/F3 control switch
16	M	Ground for temperature sensors	Various temperature sensors
17		Not used	
18	M	Ground for illumination and switches	IHKR/F3 switching unit
19		Not used	
20	E	Push button for air conditioning	IHKR/F3 switching unit
21	E	Push button for air recirculation	IHKR/F3 switching unit
22	E	Push button for rear window defogger	IHKR/F3 switching unit
23	A	Function light, air conditioning	IHKR/F3 switching unit
24	A	Function light, rear window defogger	IHKR/F3 switching unit

E = Input, A = Output, M = Ground



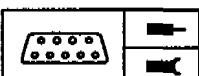
## Pin Assignments

Pin	Type	Description/ Function	Connection
25	A	Function light, air recirculation	IHKR/F3 switching unit
26	A	Function light, air recirculation control	IHKR/F3 switching unit

## X18156

Pin	Type	Description/ Function	Connection
1	M	Ground for electronics	Ground point
2		Not used	
3	E	Inside temperature sensor	IHKR/F3 control switch
4	E	Nominal air flow value	IHKR/F3 control switch
5	E	Nominal temperature value, left	IHKR/F3 control switch
6	E	Nominal temperature value, right	IHKR/F3 control switch
7		Not used	
8		Not used	
9	A	Auxiliary fan signal	Engine control module (DME)
10	M	Ground for electronics	Ground point
11		Not used	
12	E	Voltage supply (terminal 30)	Front power distribution box
13	E	Voltage supply (terminal 30)	Front power distribution box
14		Not used	
15	A	Water valve activation, right	IHKR/F3 control switch
16		Not used	
17		Not used	
18	E	Terminal 15 (independent ventilation only)	Park heating/ventilation relay box
19		Not used	
20		Not used	
21		Not used	
22	A	Water valve activation	IHKR/F3 control switch
23	E	Voltage supply (terminal 15)	Front power distribution box
24		Not used	
25	E	Terminal 61	Unloader relay terminal 61
26	E	Terminal 30h	Starter

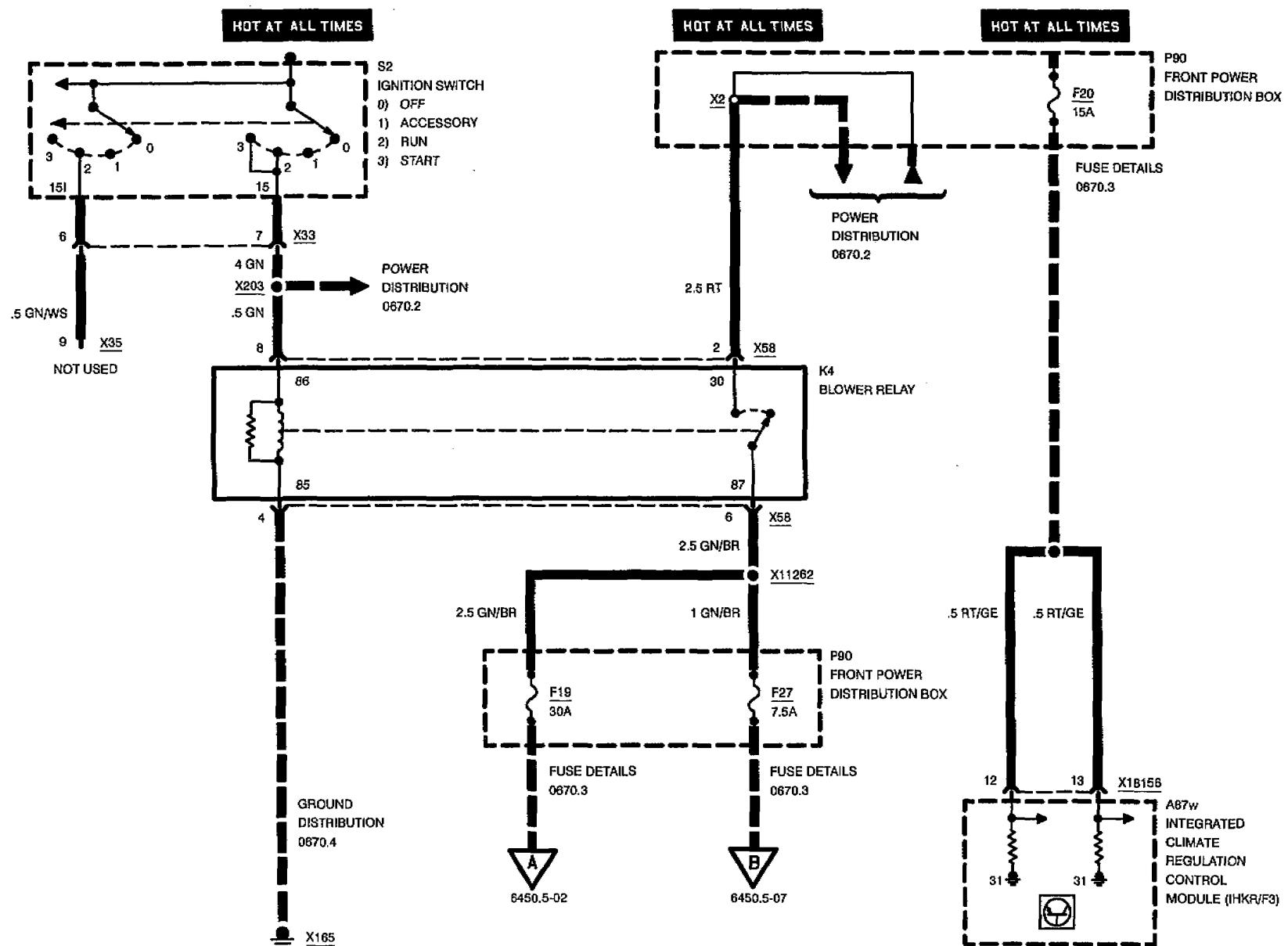
E = Input, A = Output, M = Ground



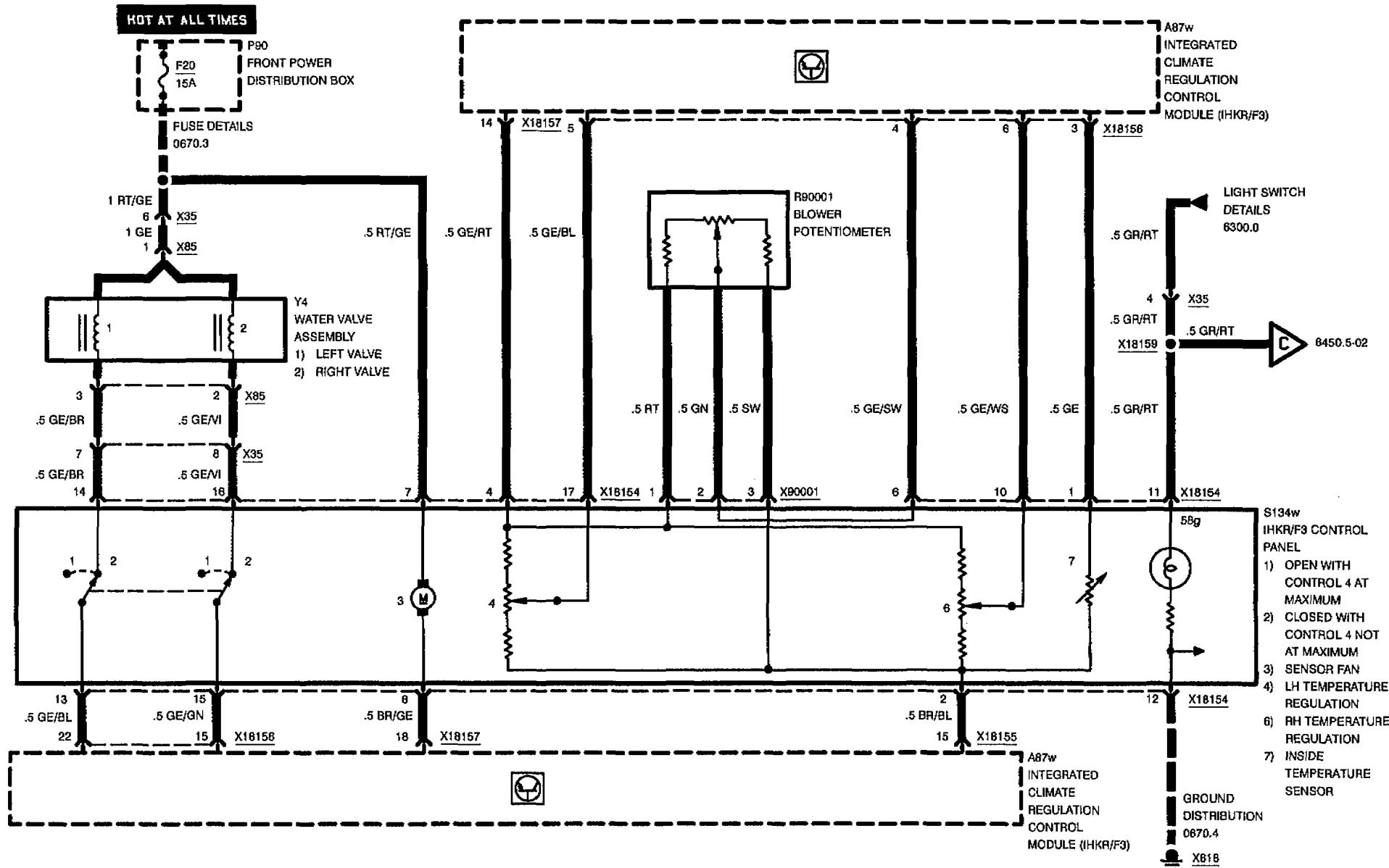
## Pin Assignments

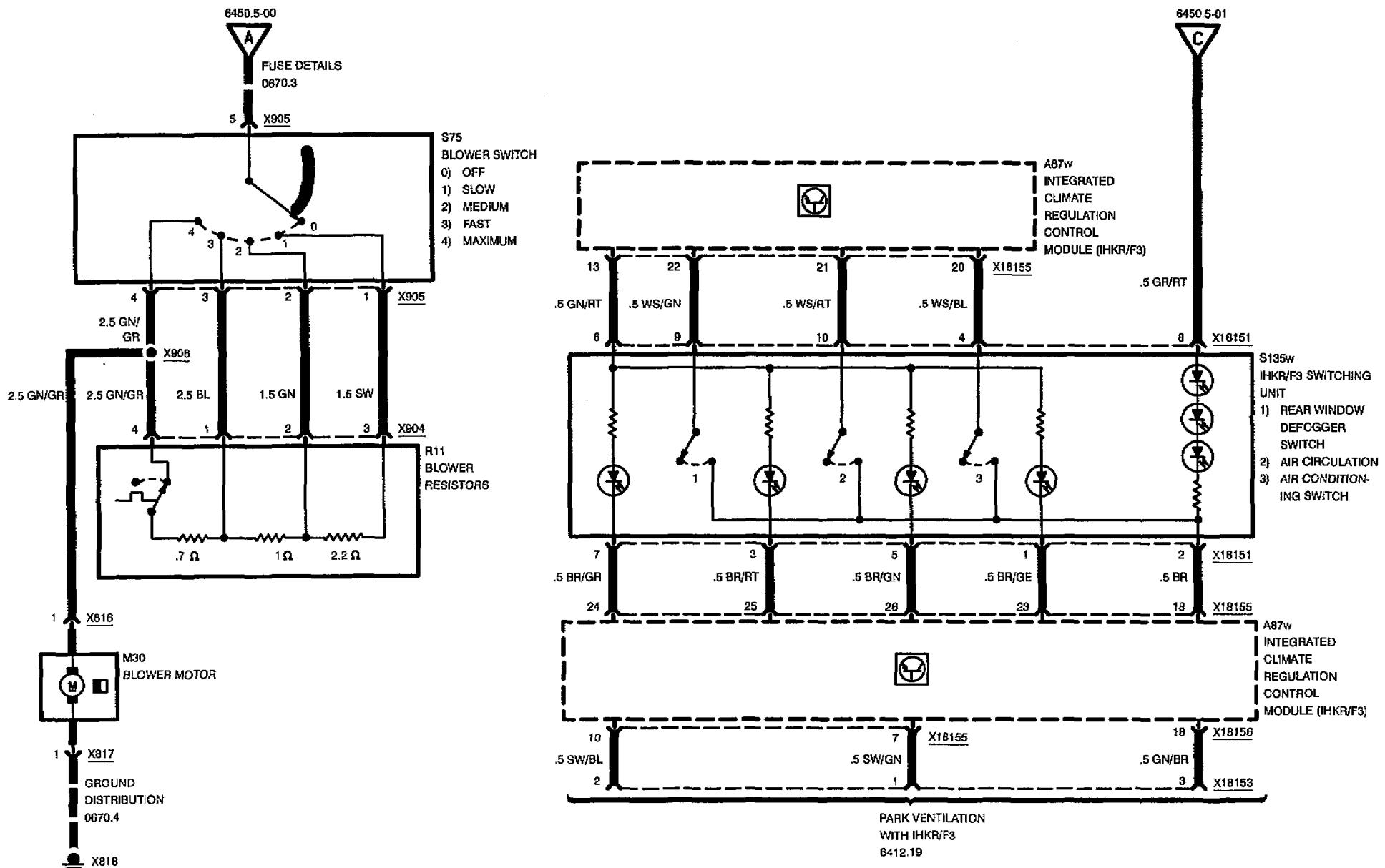
X18157

Pin	Type	Description/ Function	Connection
1	A	Voltage supply for flap motors	All flap motors
2	A	Voltage supply for flap motors	All flap motors
3		Not used	
4		Not used	
5		Not used	
6	A	Recirculation flap motor activation	Recirculation flap motor
7	A	Recirculation flap motor activation	Recirculation flap motor
8	A	Recirculation flap motor activation	Recirculation flap motor
9	A	Recirculation flap motor activation	Recirculation flap motor
10	A	Fresh air flap motor activation	Fresh air flap motor
11	A	Fresh air flap motor activation	Fresh air flap motor
12	A	Fresh air flap motor activation	Fresh air flap motor
13	A	Fresh air flap motor activation	Fresh air flap motor
14	A	Voltage supply for control wheels	IHKR/F3 control switch
15	E	RxD diagnostic data line	Data link connector RxD
16	E/A	TxD diagnostic data line	Data link connector TxD
17		Not used	
18	A	Sensor for activation	IHKR/F3 control switch
19	A	Auxiliary water pump activation	Auxiliary water pump relay
20	A	Rear window defogger activation	Rear defogger relay
21		Not used	
22	A	A/C compressor activation	Engine control module (DME)
23		Not used	
24		Not used	
25		Not used	
26		Not used	



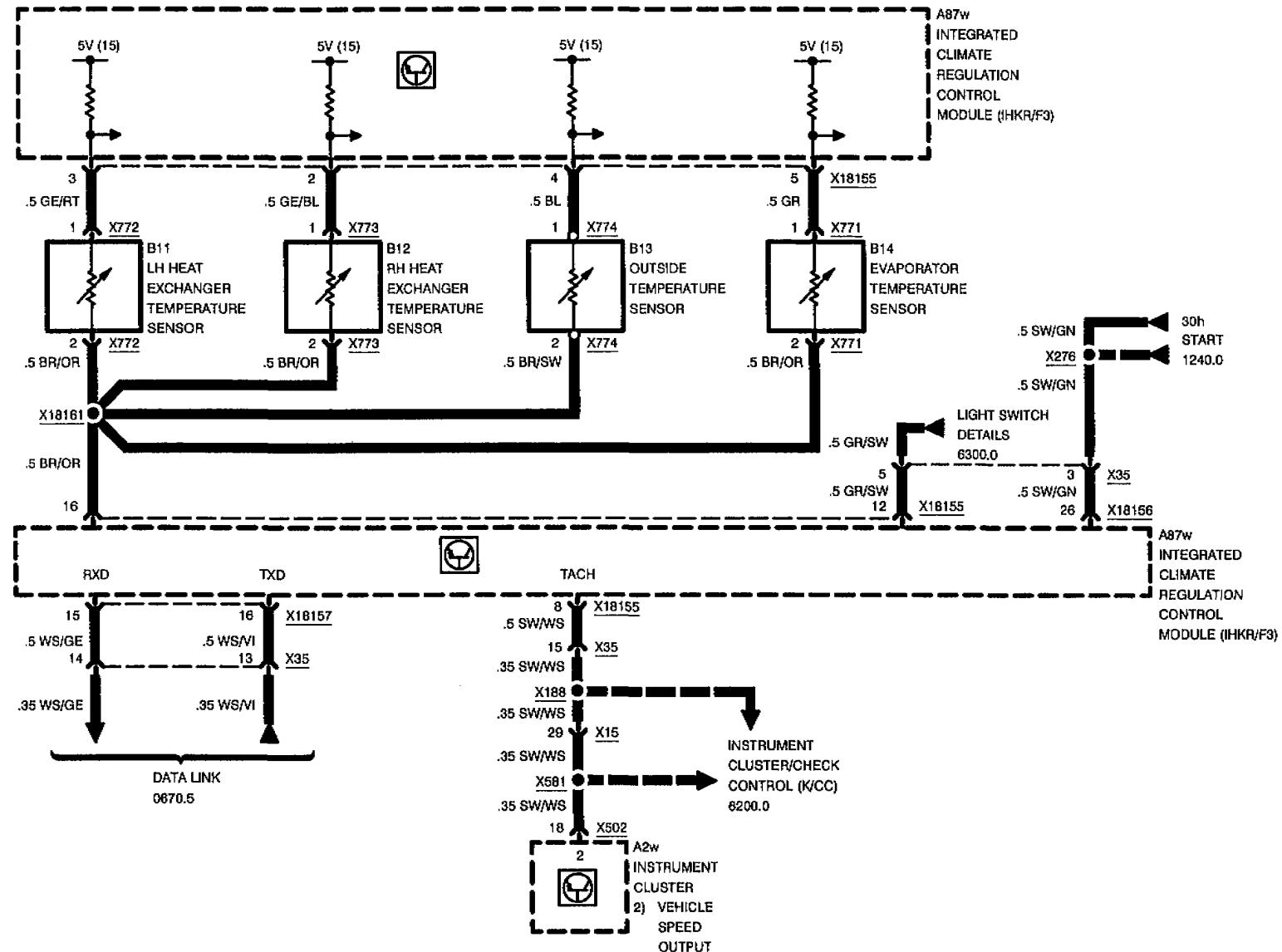
## INTEGRATED CLIMATE REGULATION WITH FILTER (IHKR/F3)



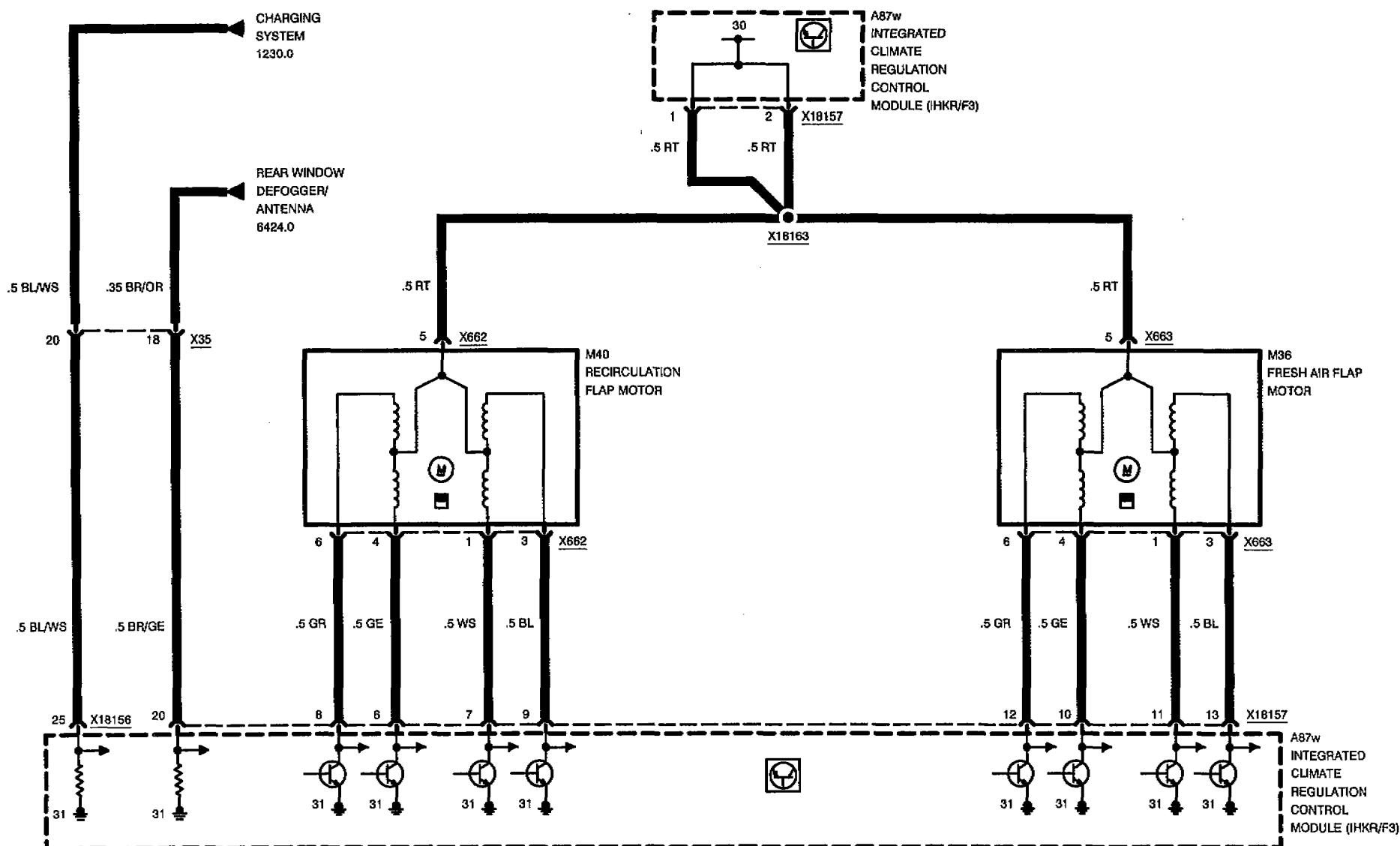


## INTEGRATED CLIMATE REGULATION WITH FILTER (IHKR/F3)

## TEMPERATURE CONTROLS



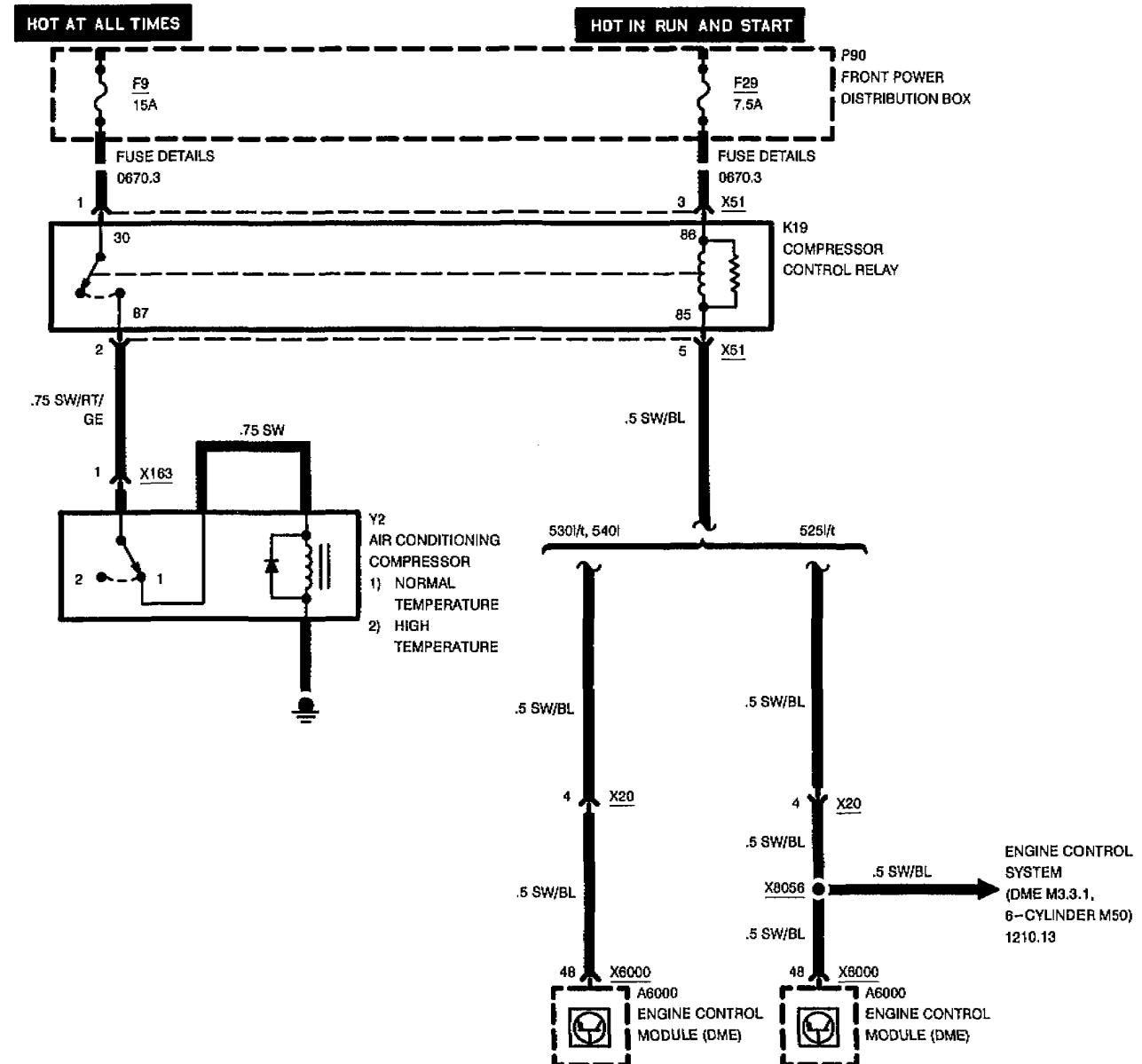
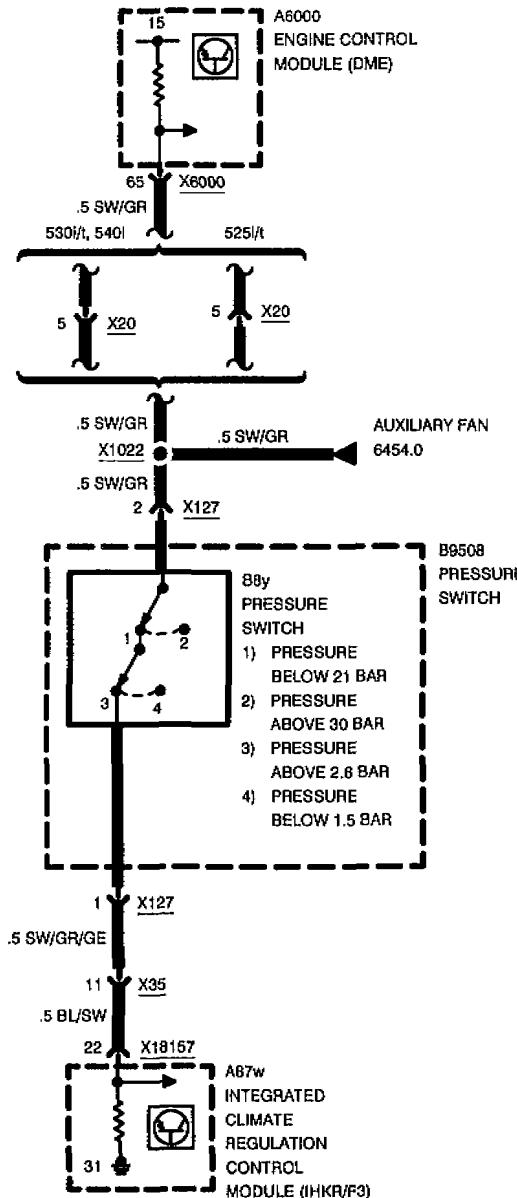
## AIR DELIVERY

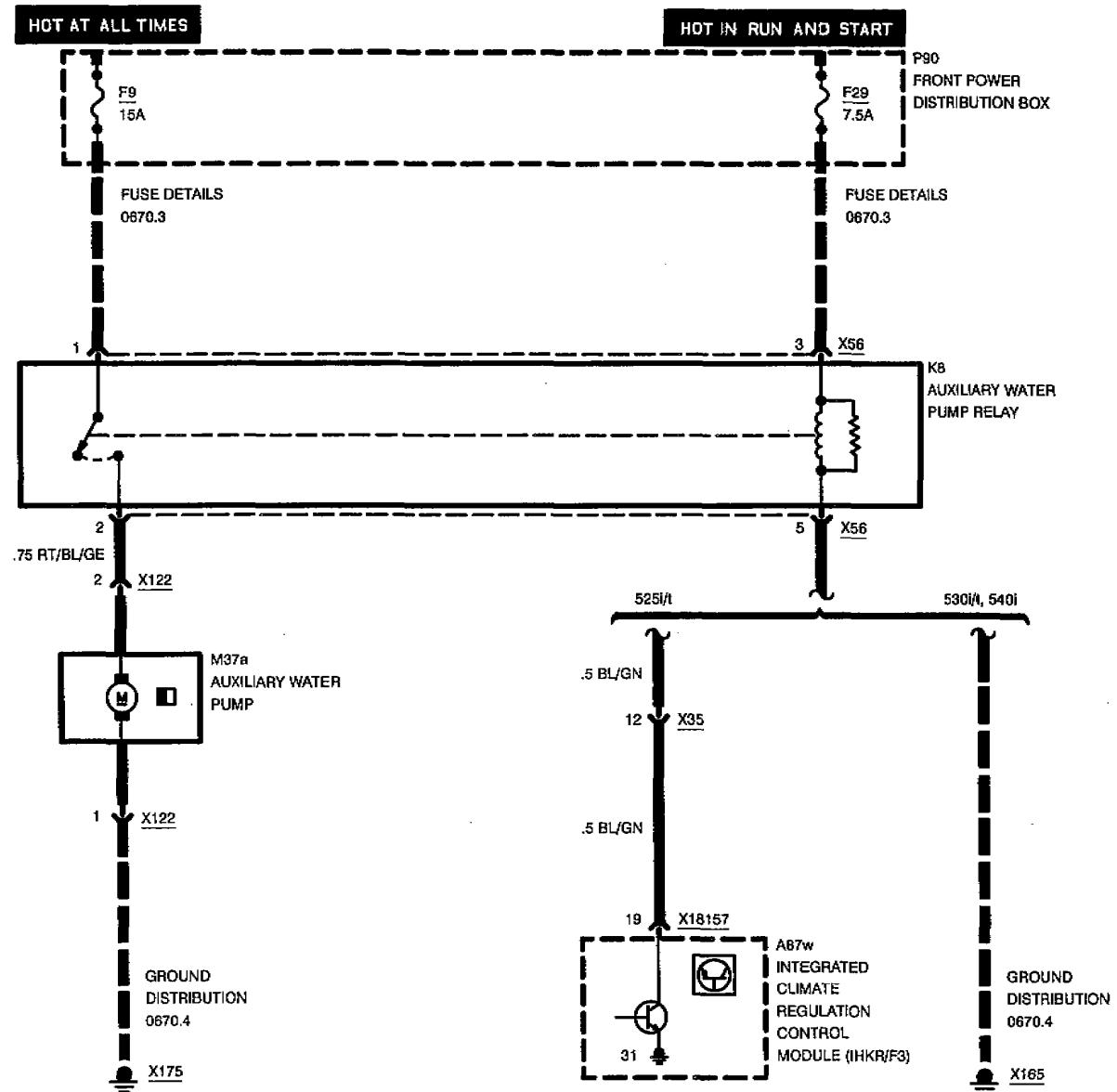




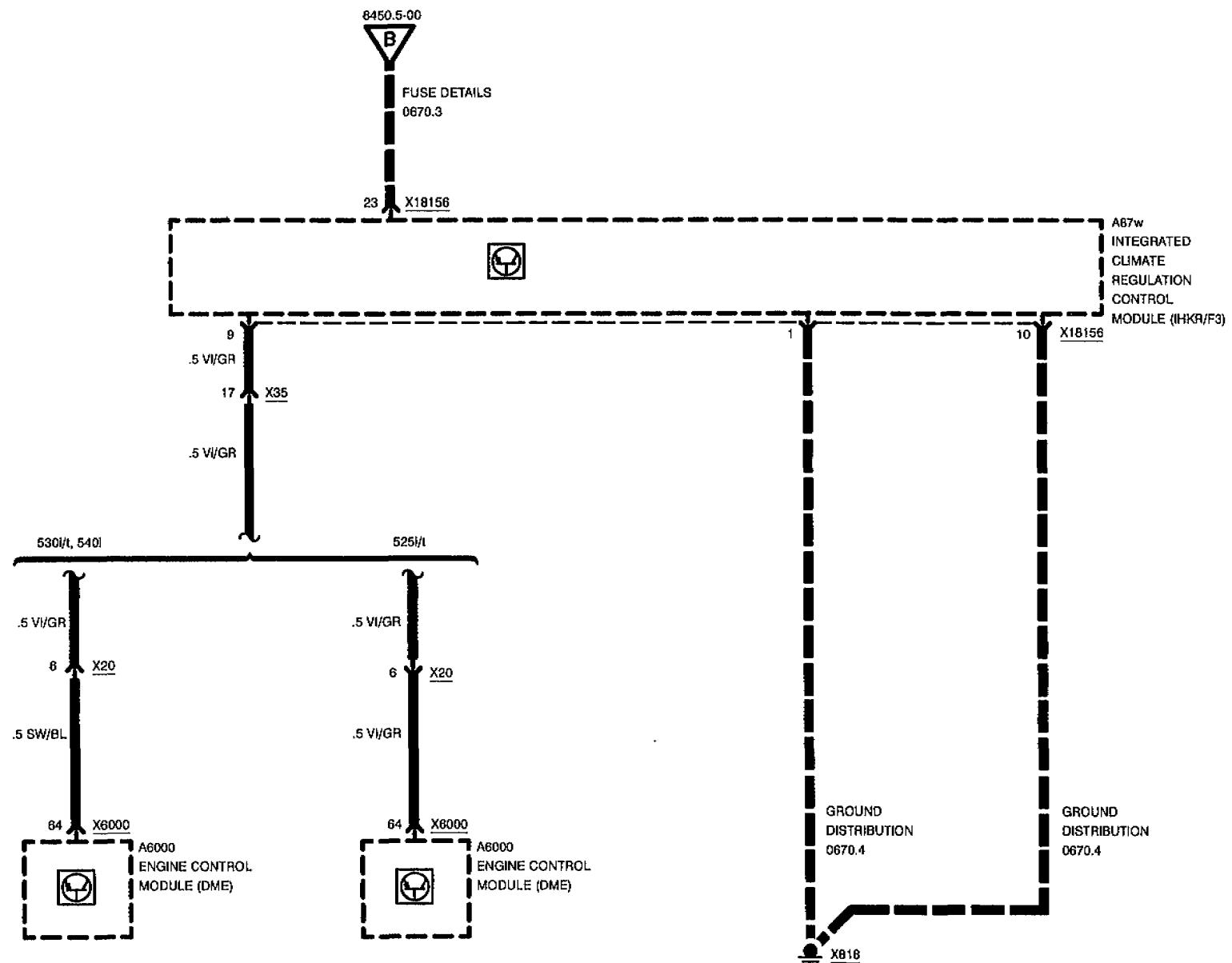
## INTEGRATED CLIMATE REGULATION WITH FILTER (IHKR/F3)

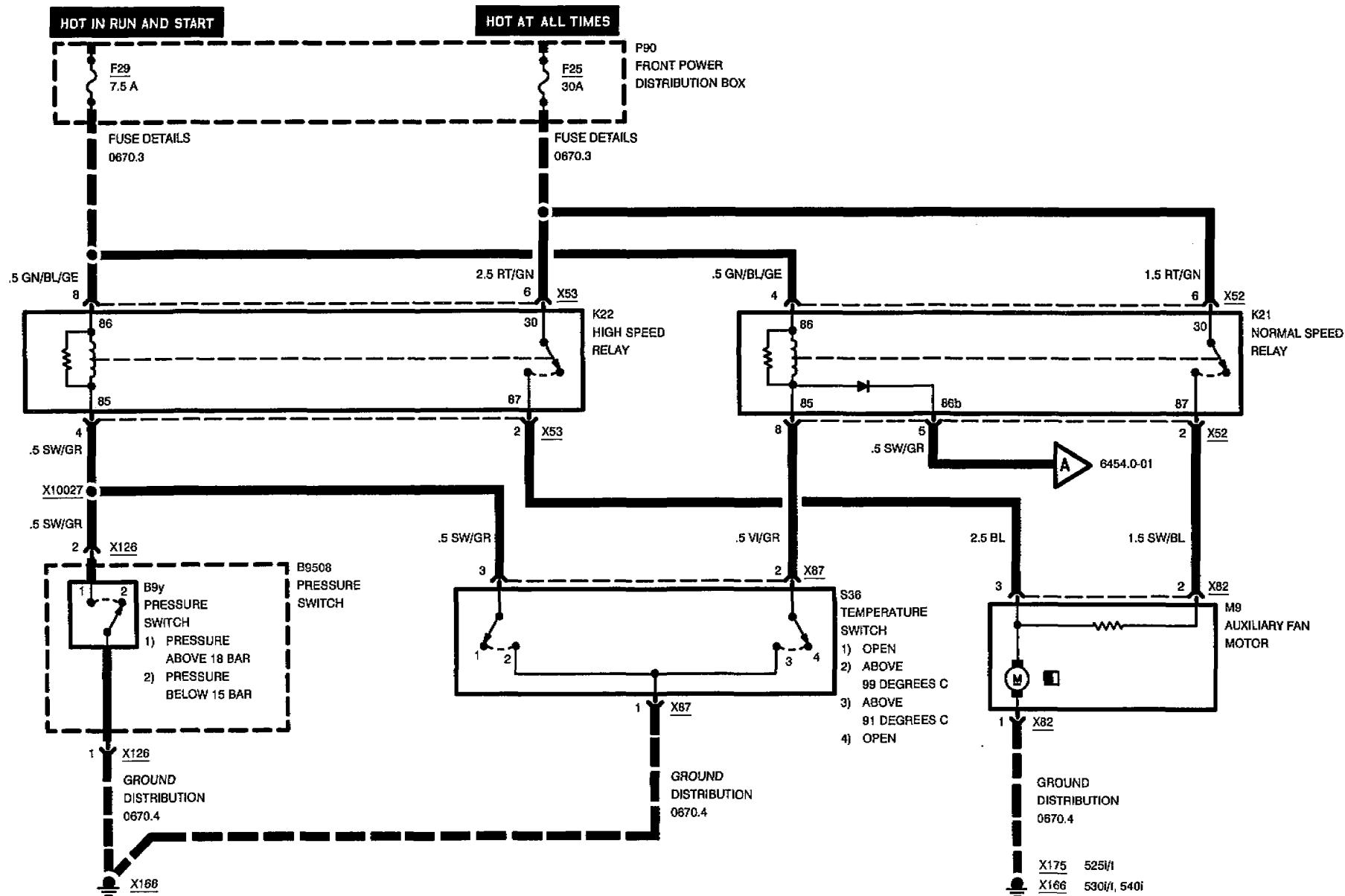
### DME PROGRAMMING LINE (SPARK IGNITION ENGINES ONLY)

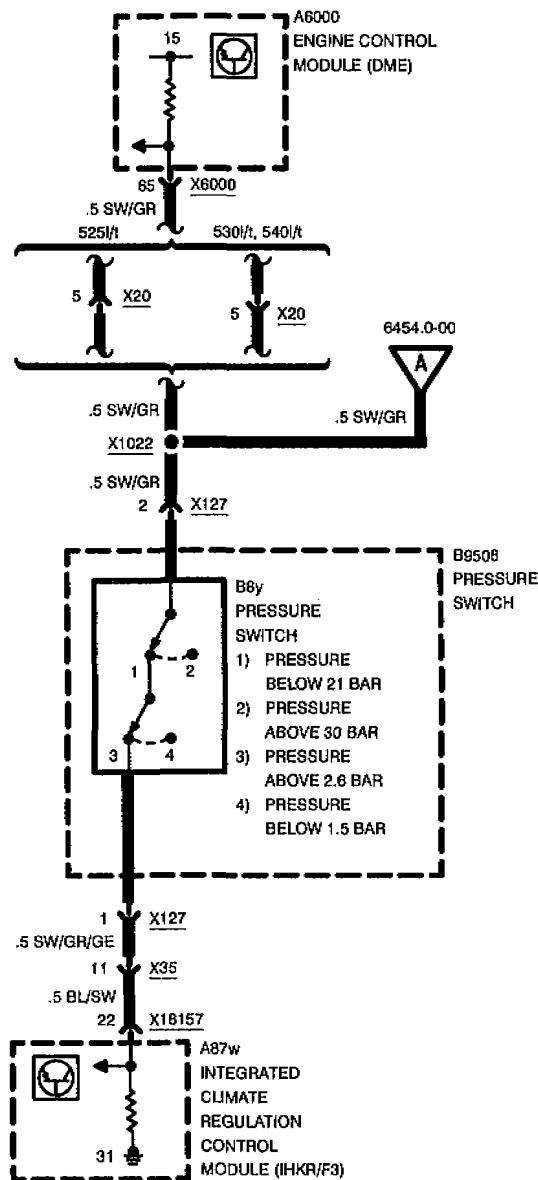


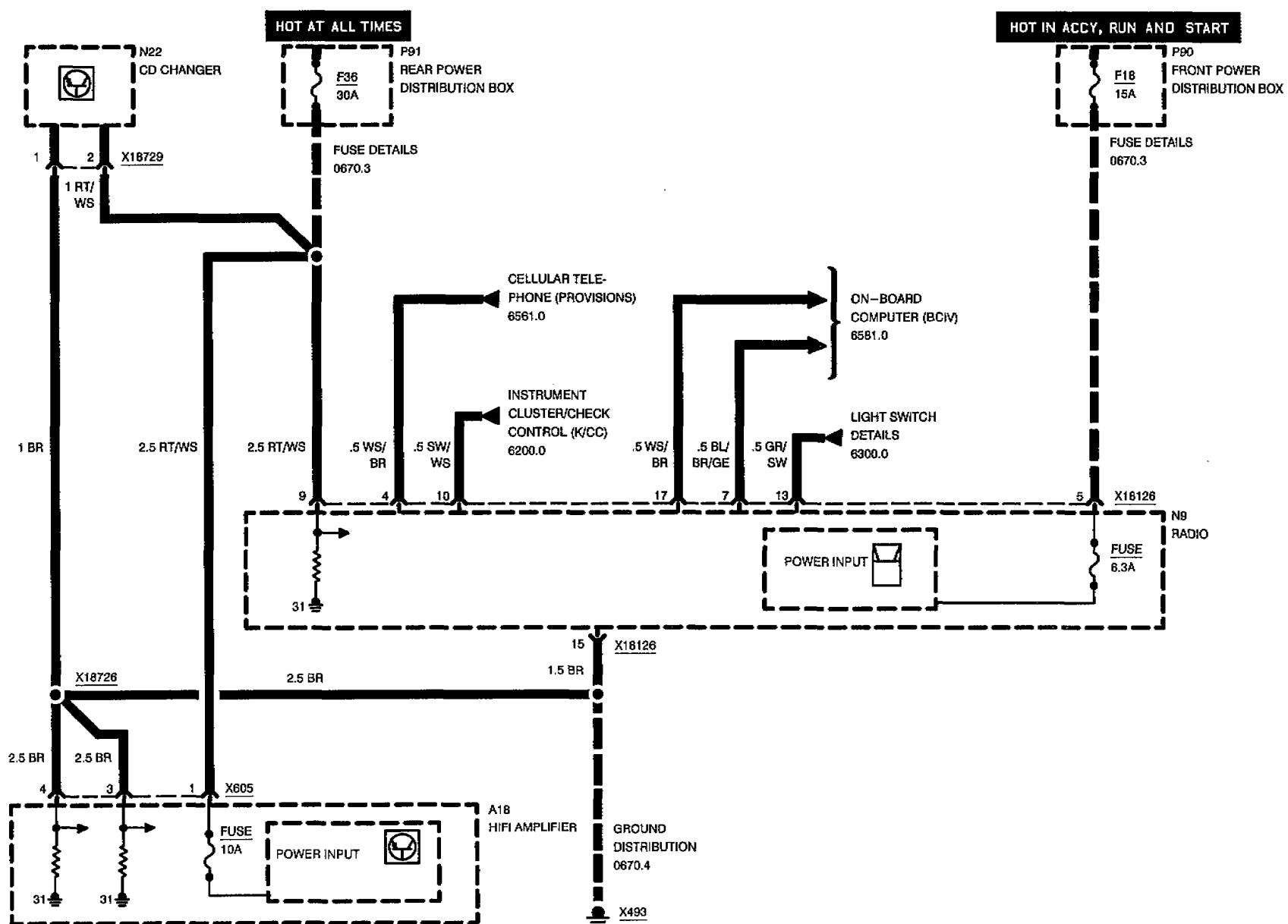


## INTEGRATED CLIMATE REGULATION WITH FILTER (IHKR/F3)











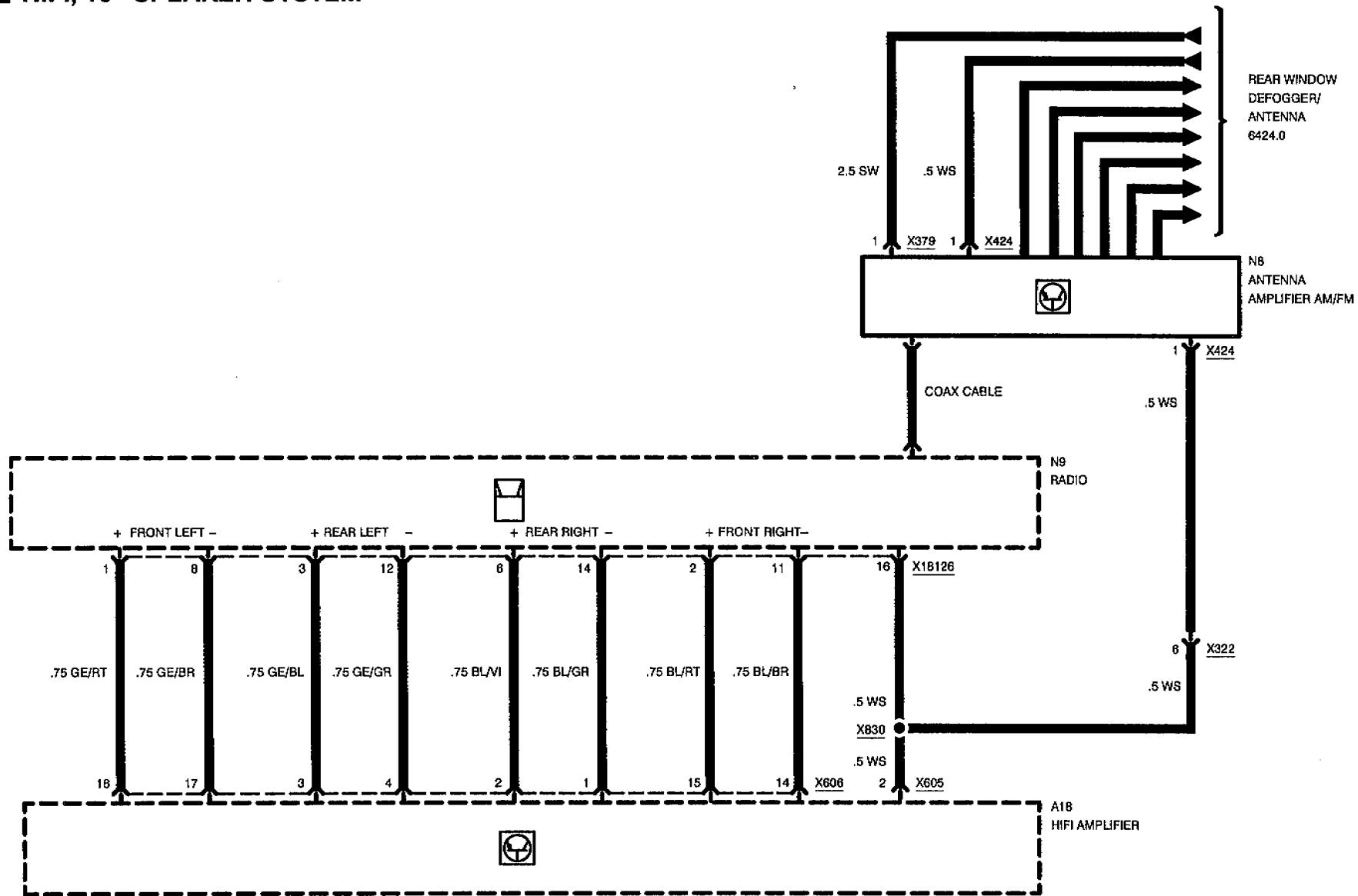
# RADIO/HIFI

## HIFI, 10-SPEAKER SYSTEM

02/97

6510.1-01

1995





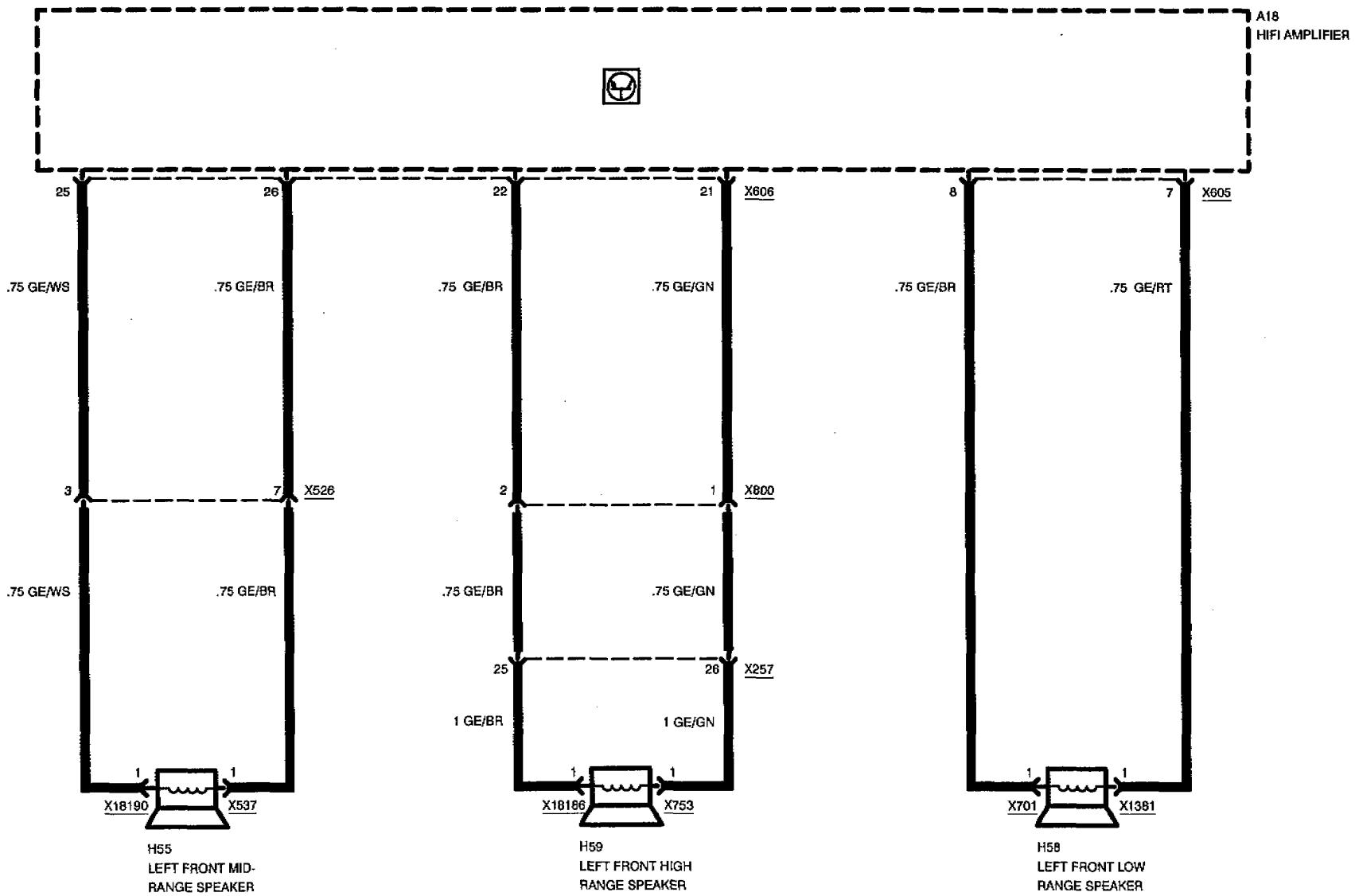
# RADIO/HIFI

## HIFI, 10-SPEAKER SYSTEM

02/97

6510.1-02

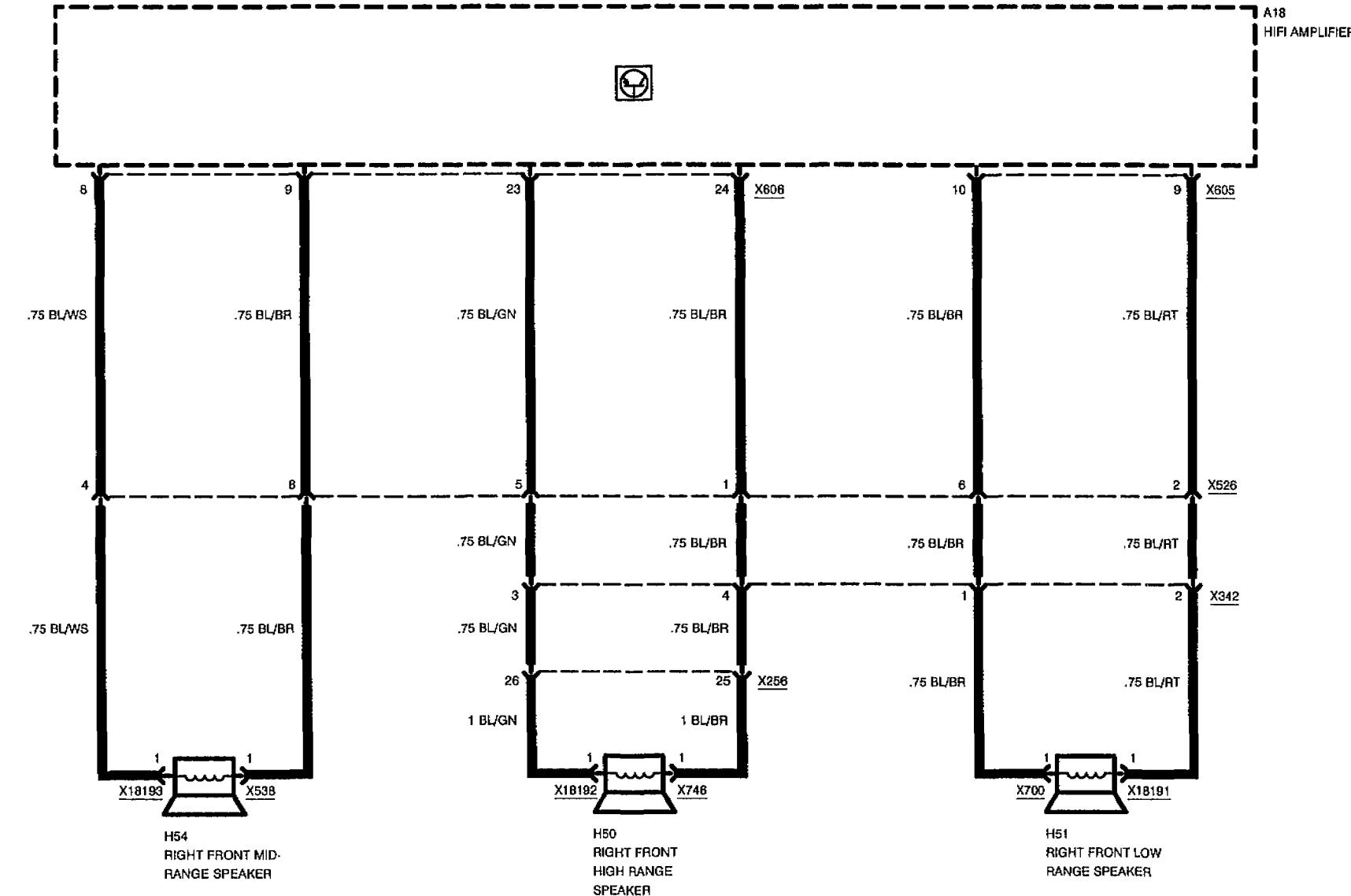
1995





## RADIO/HIFI

### HIFI, 10-SPEAKER SYSTEM

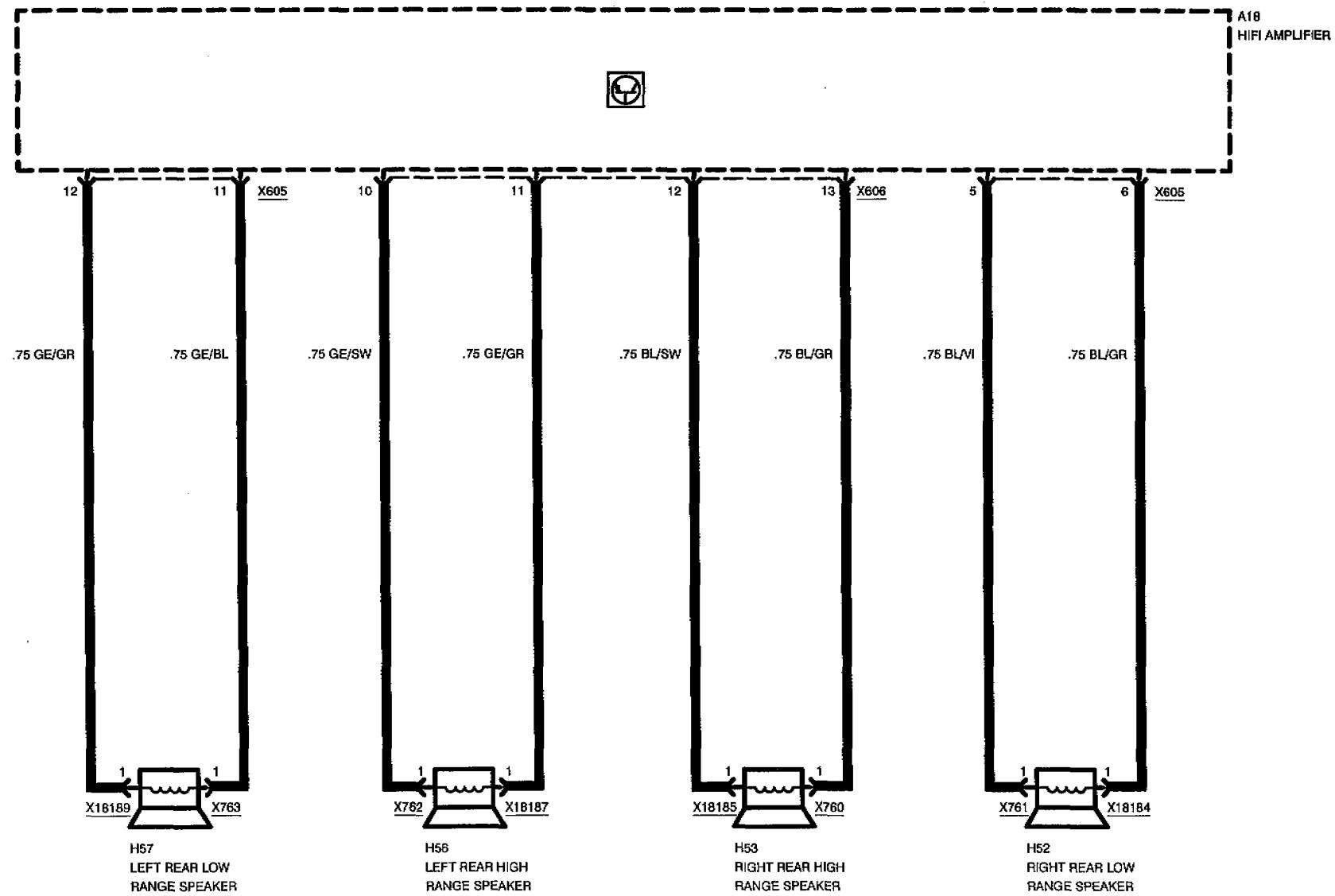




# RADIO/HIFI

## HIFI, 10-SPEAKER SYSTEM

02/97



6510.1-04

1995



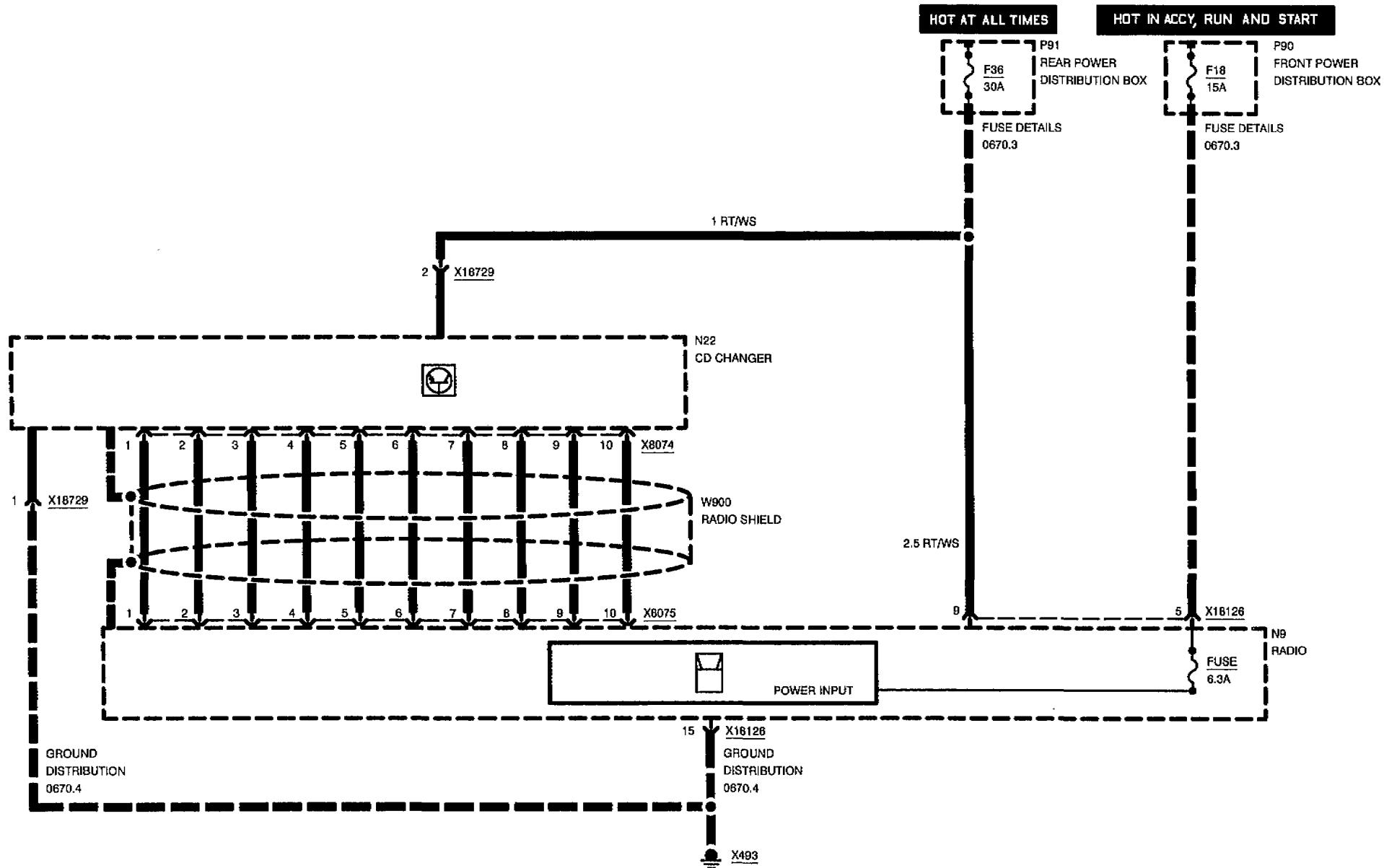
# RADIO/HIFI

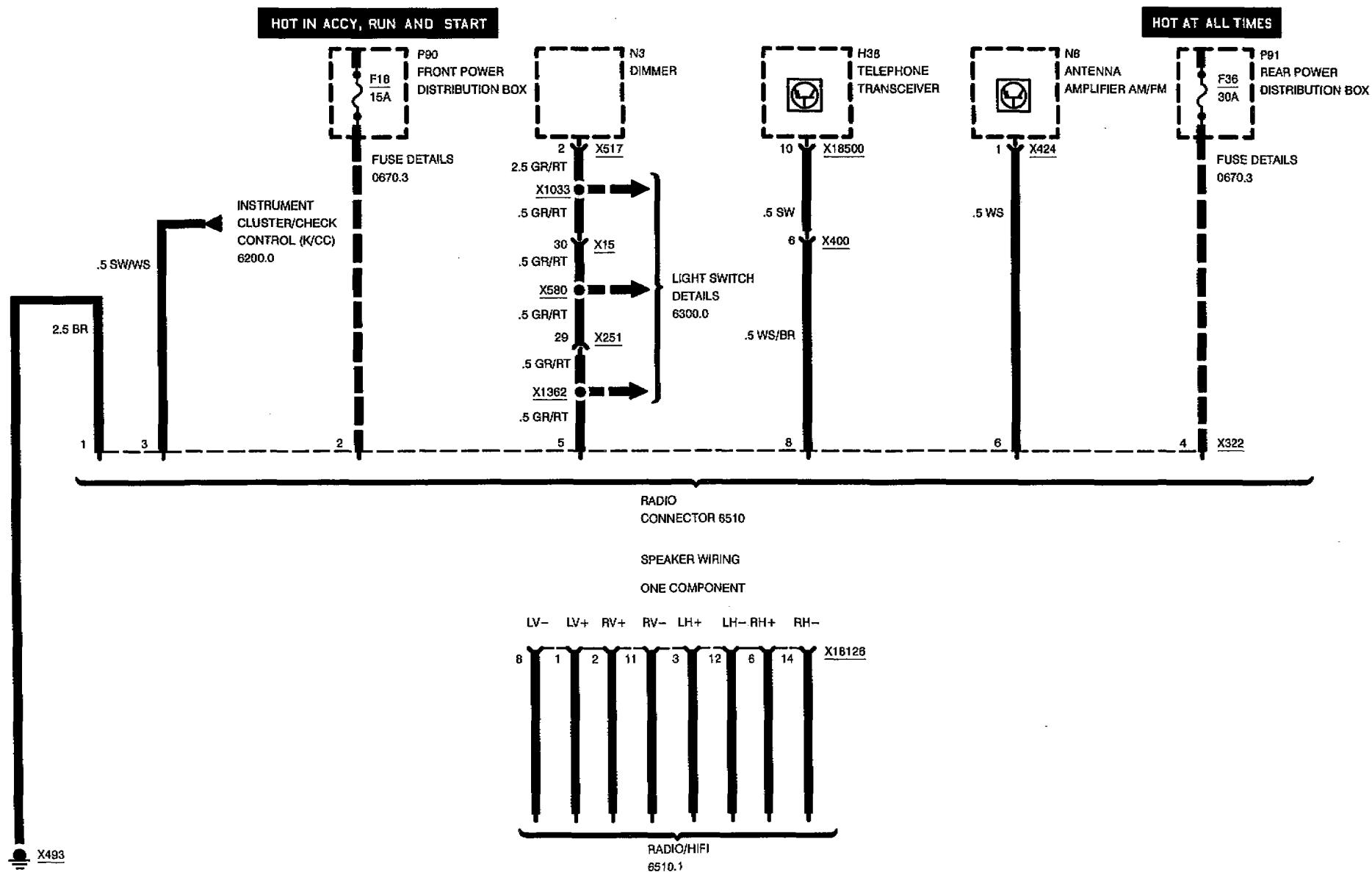
## RADIO/CD PLAYER VARIATION

02/97

6510.1-05

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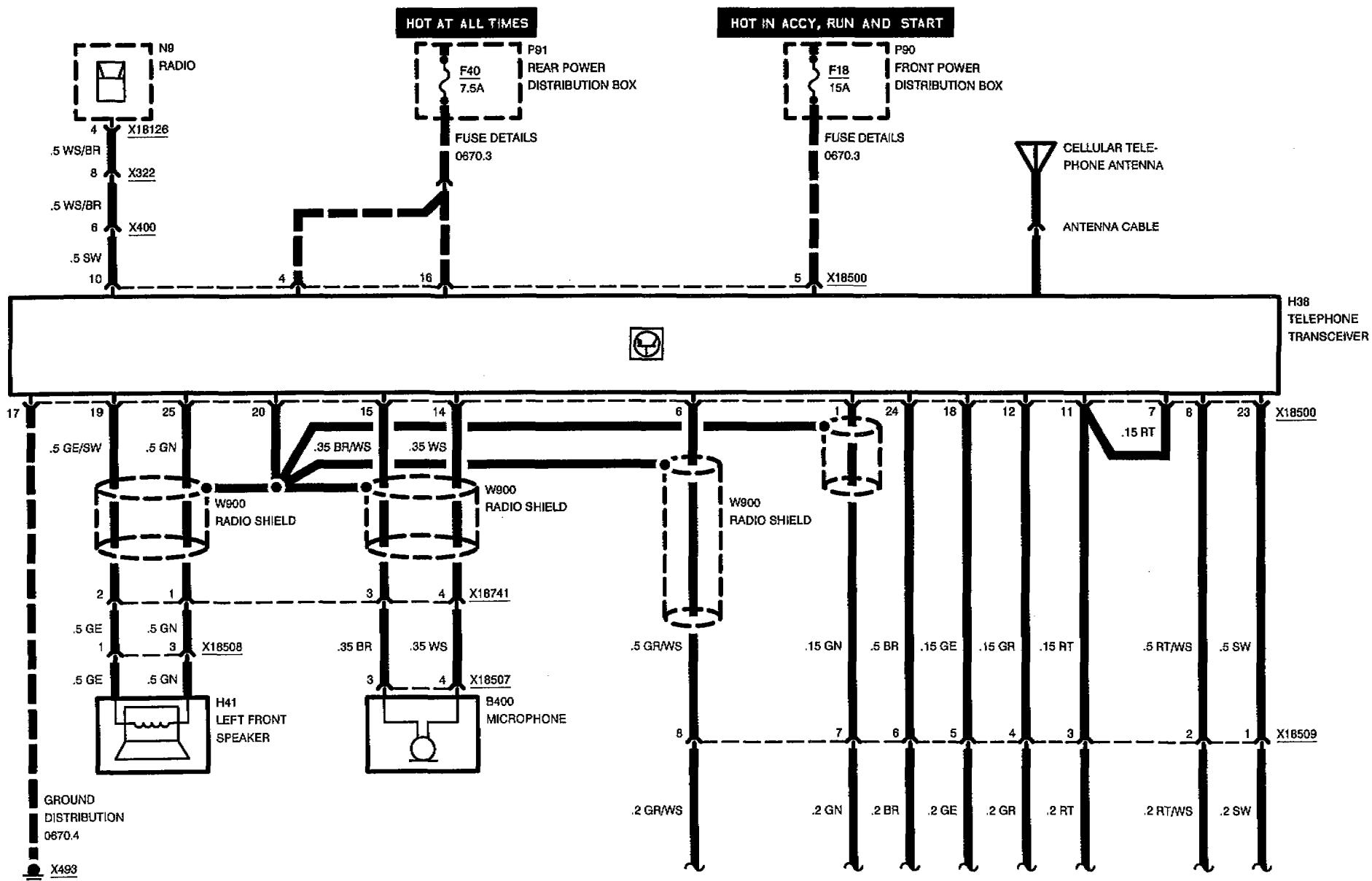


6561.0



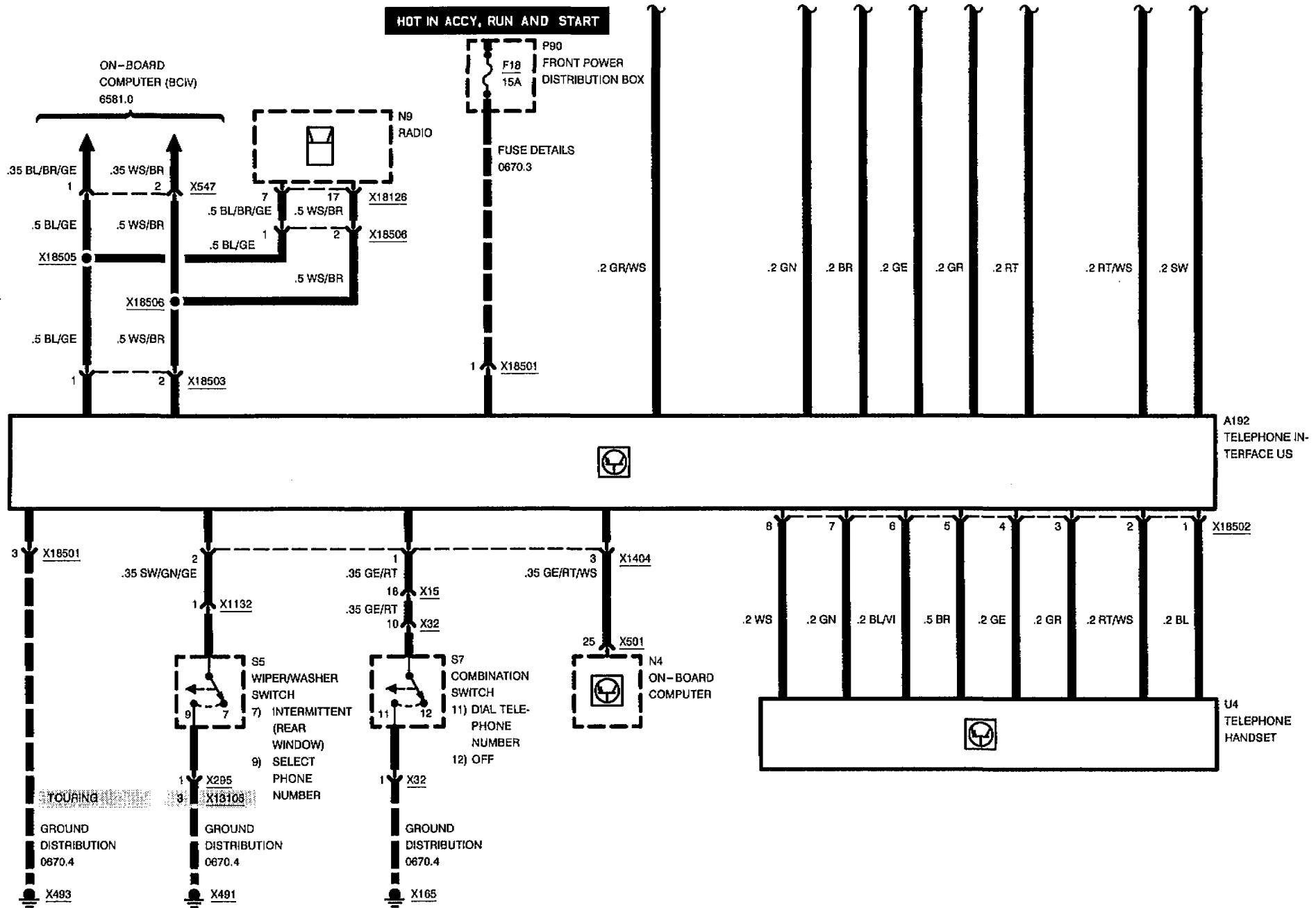
# CELLULAR TELEPHONE (PROVISIONS) WITH INTERFACE

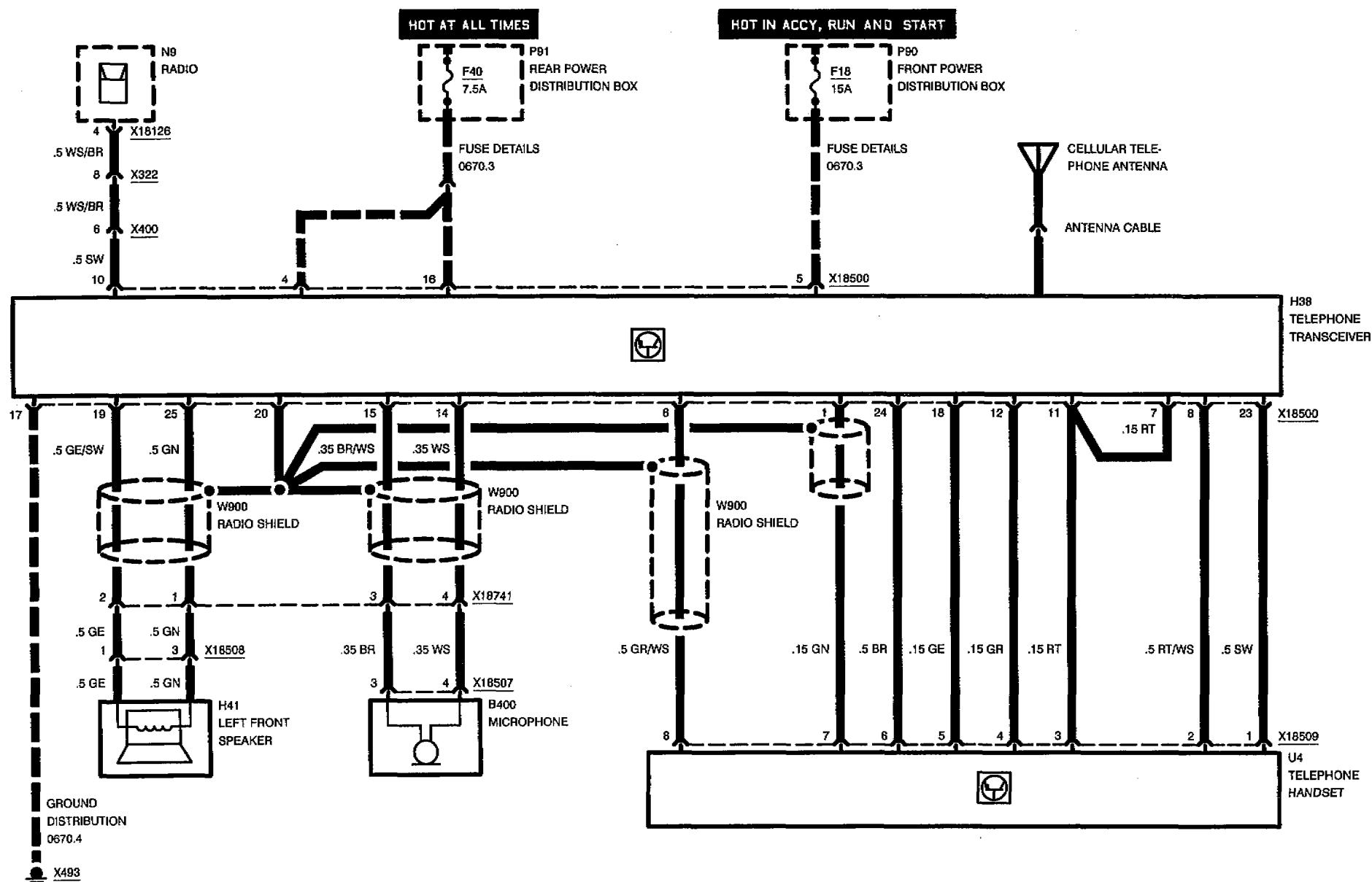
02/97



6561.0-00

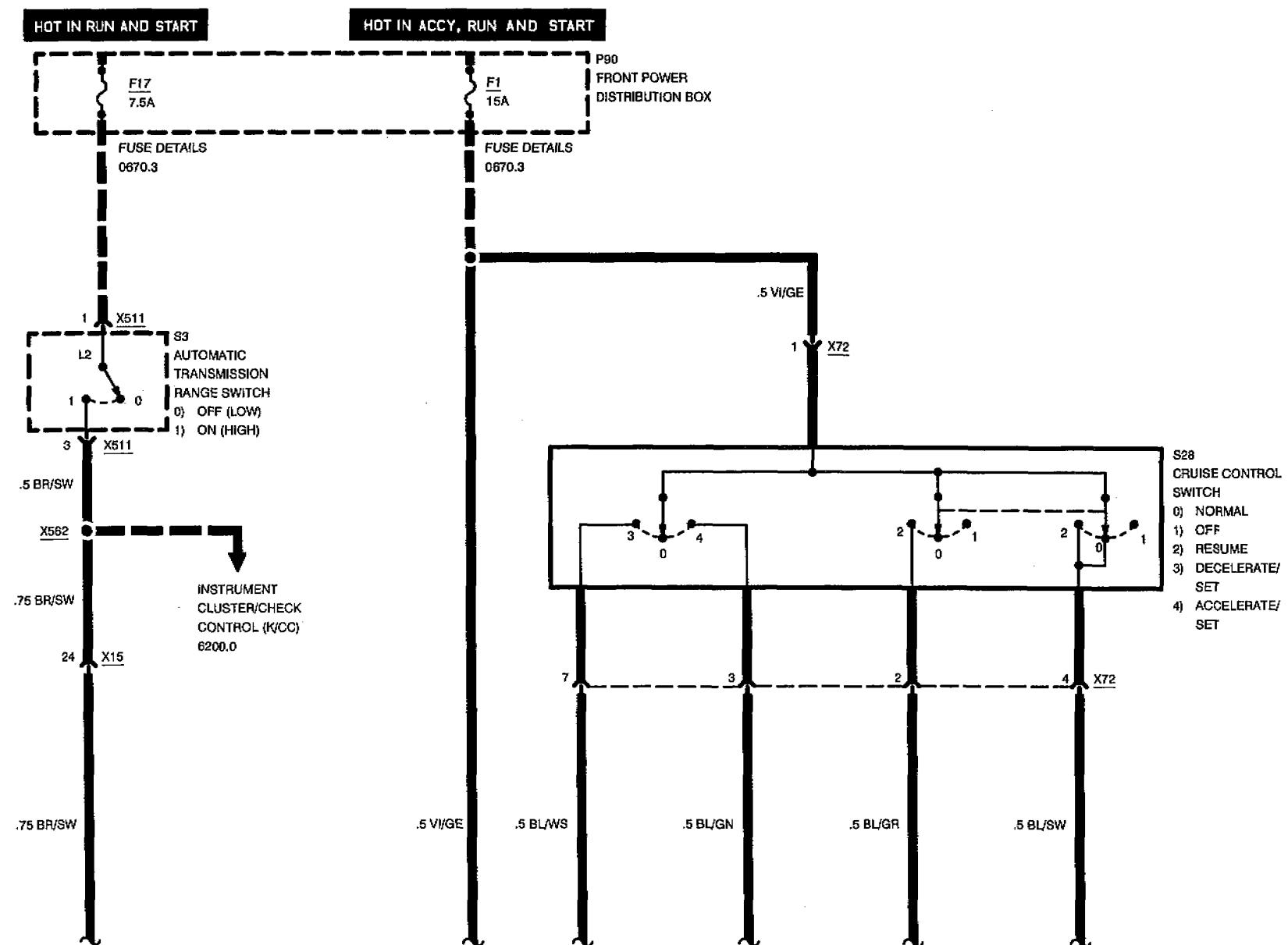
1995

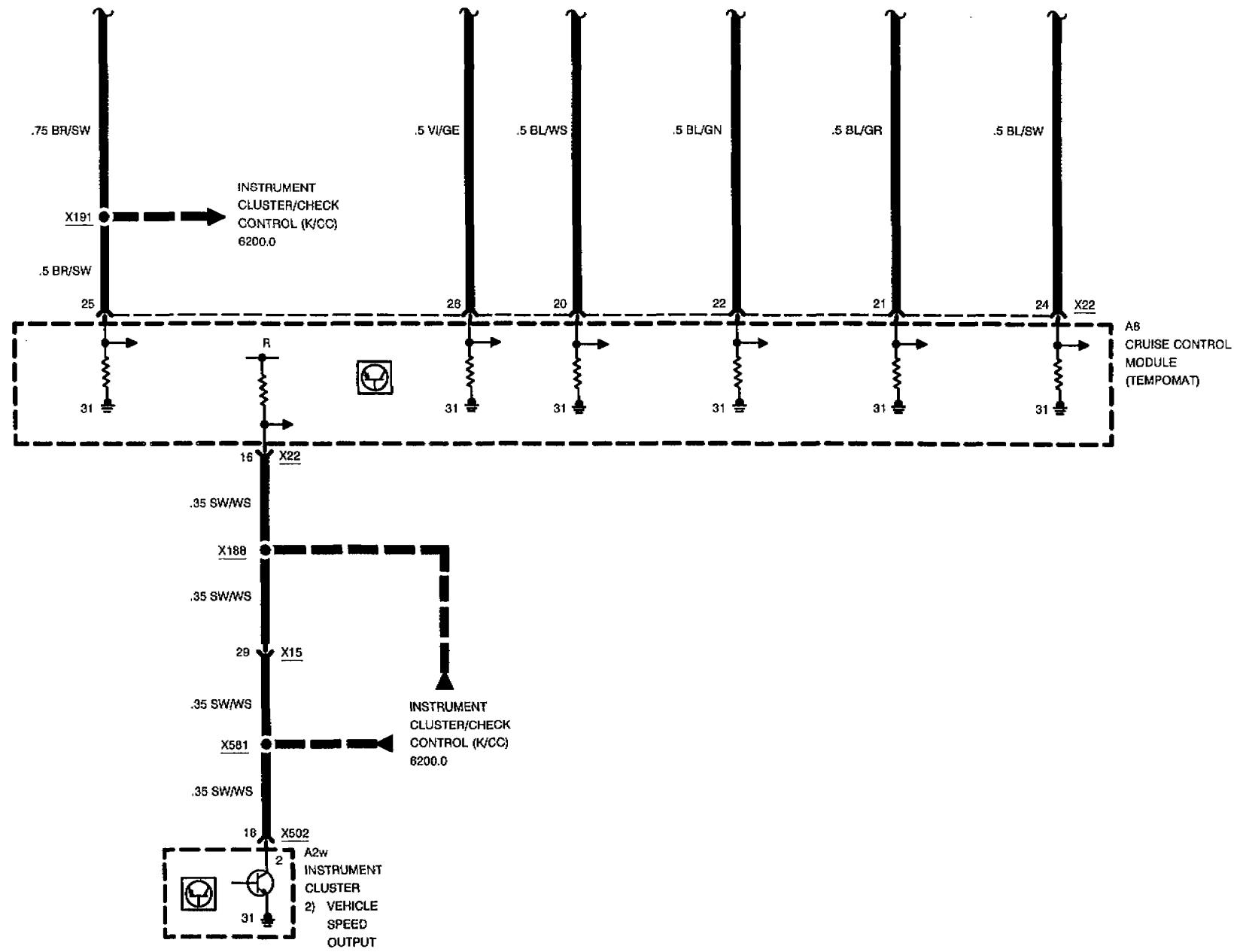


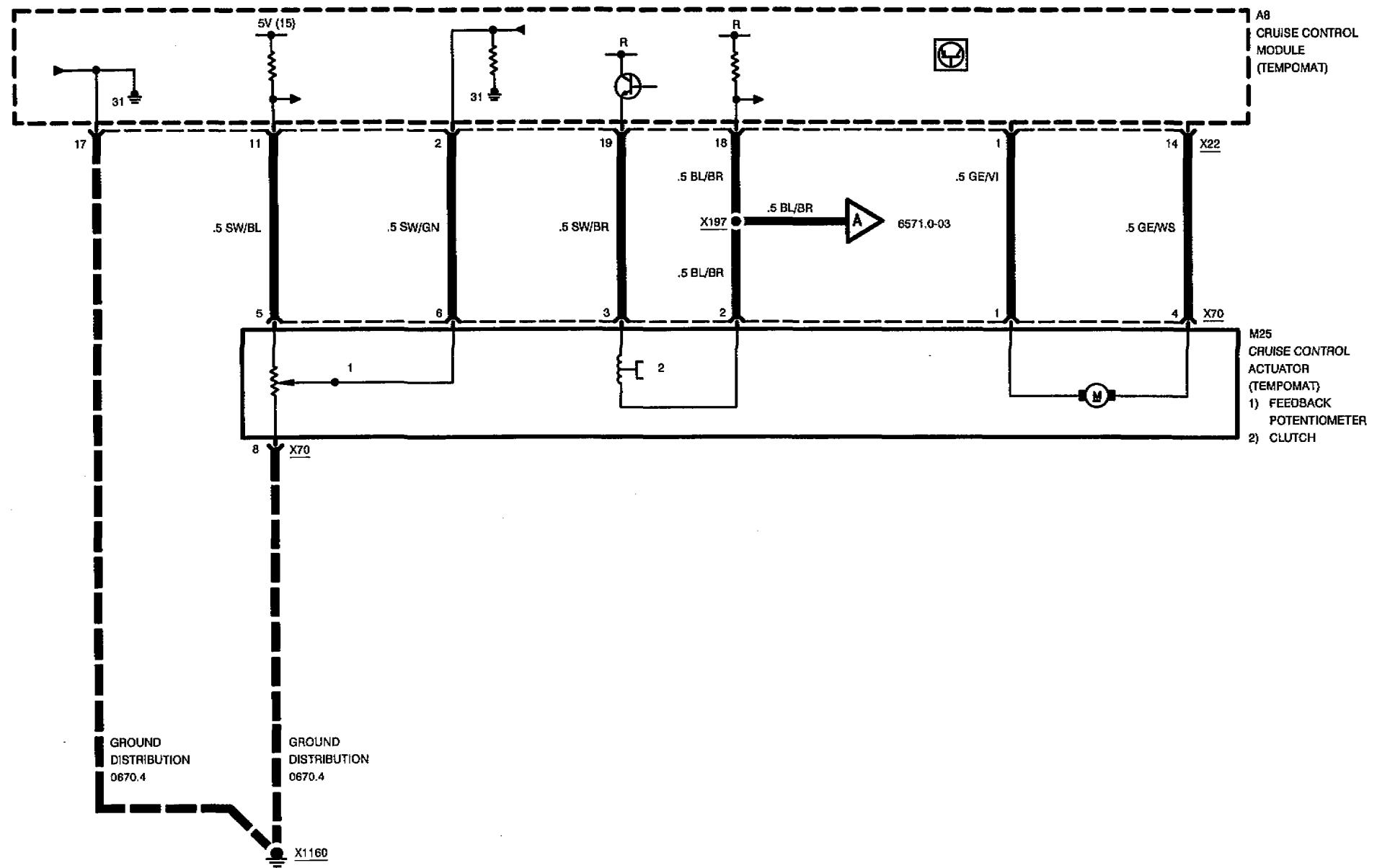




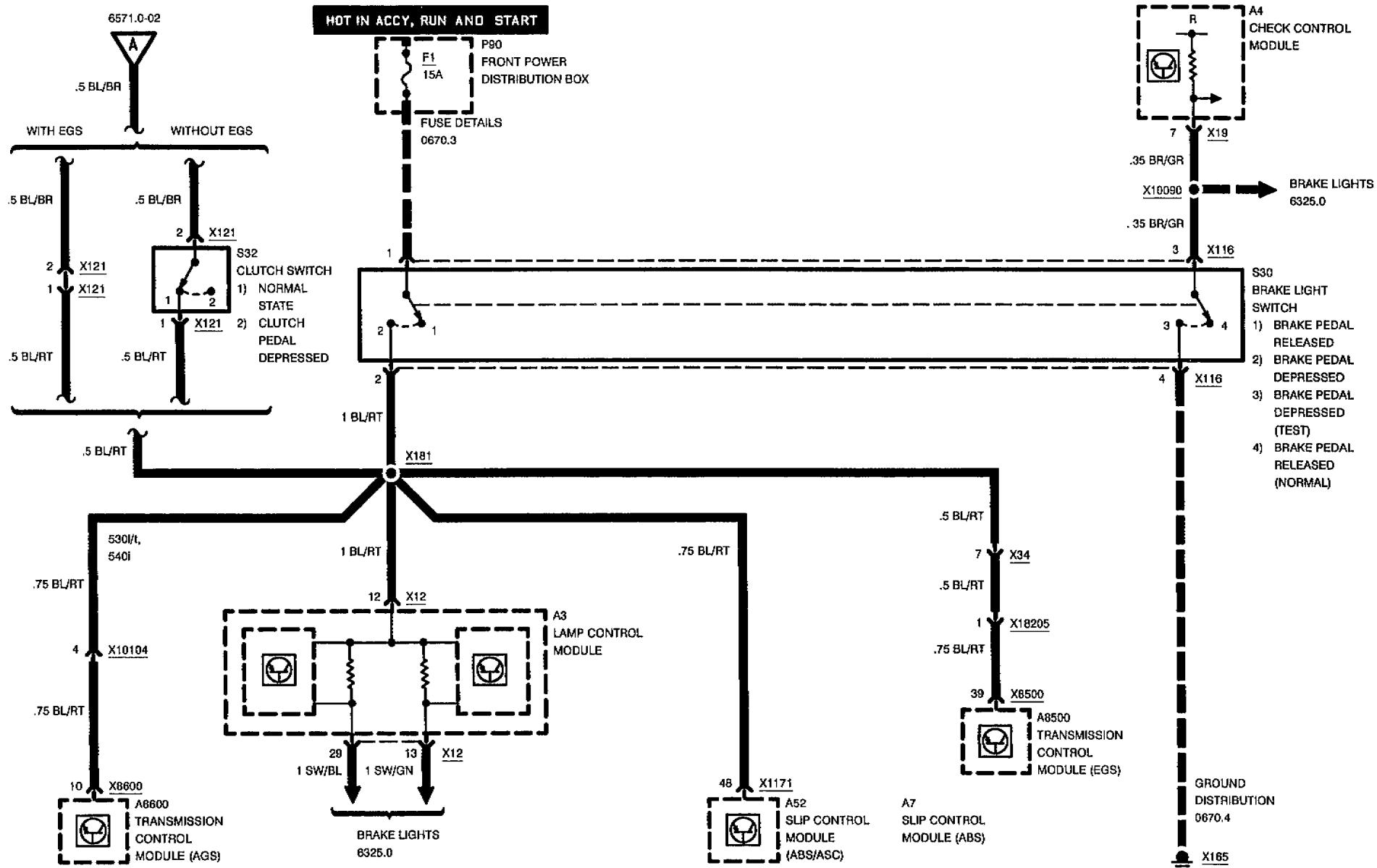
6571.0

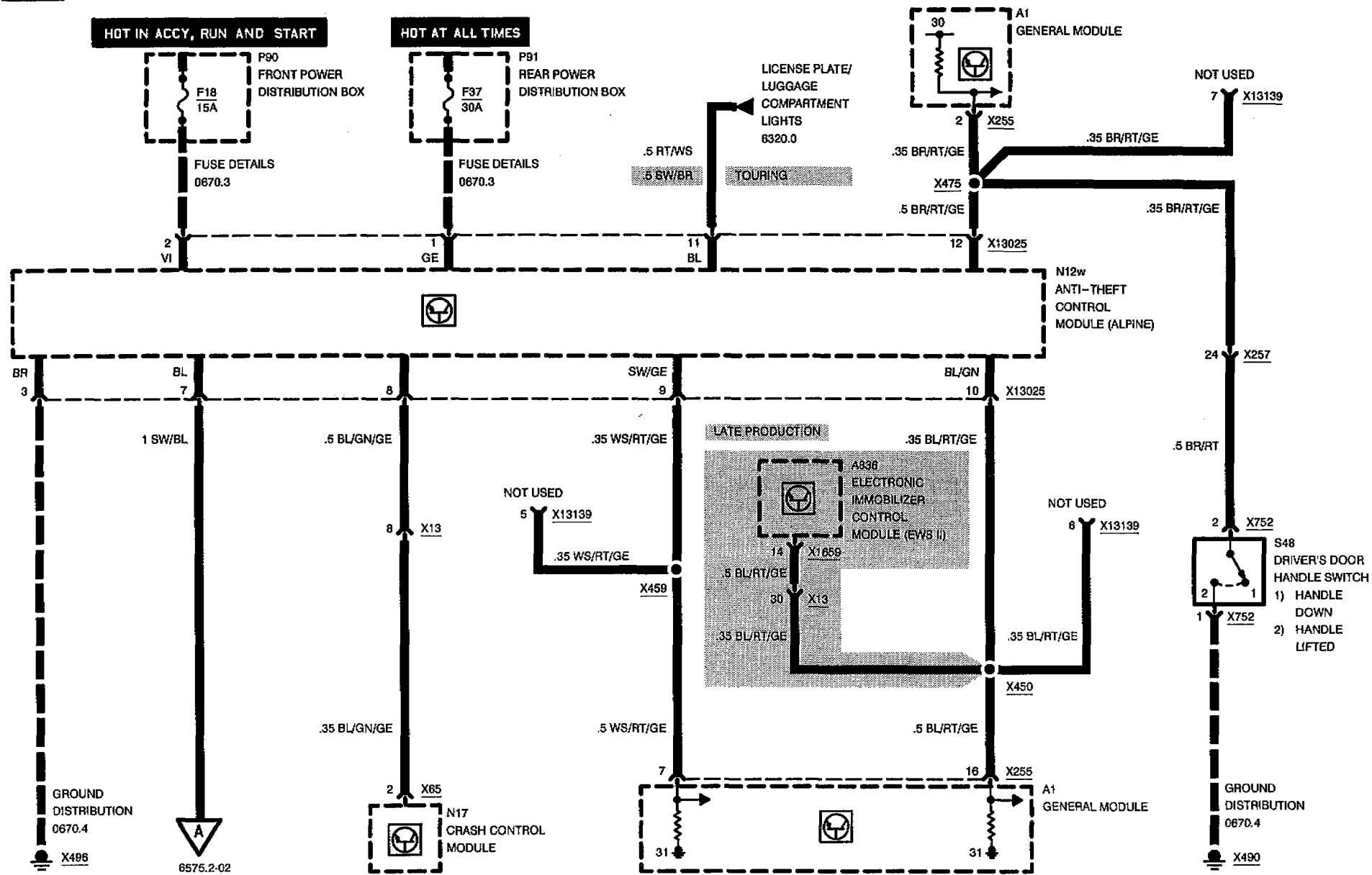






## CRUISE CONTROL (TEMPOMAT)



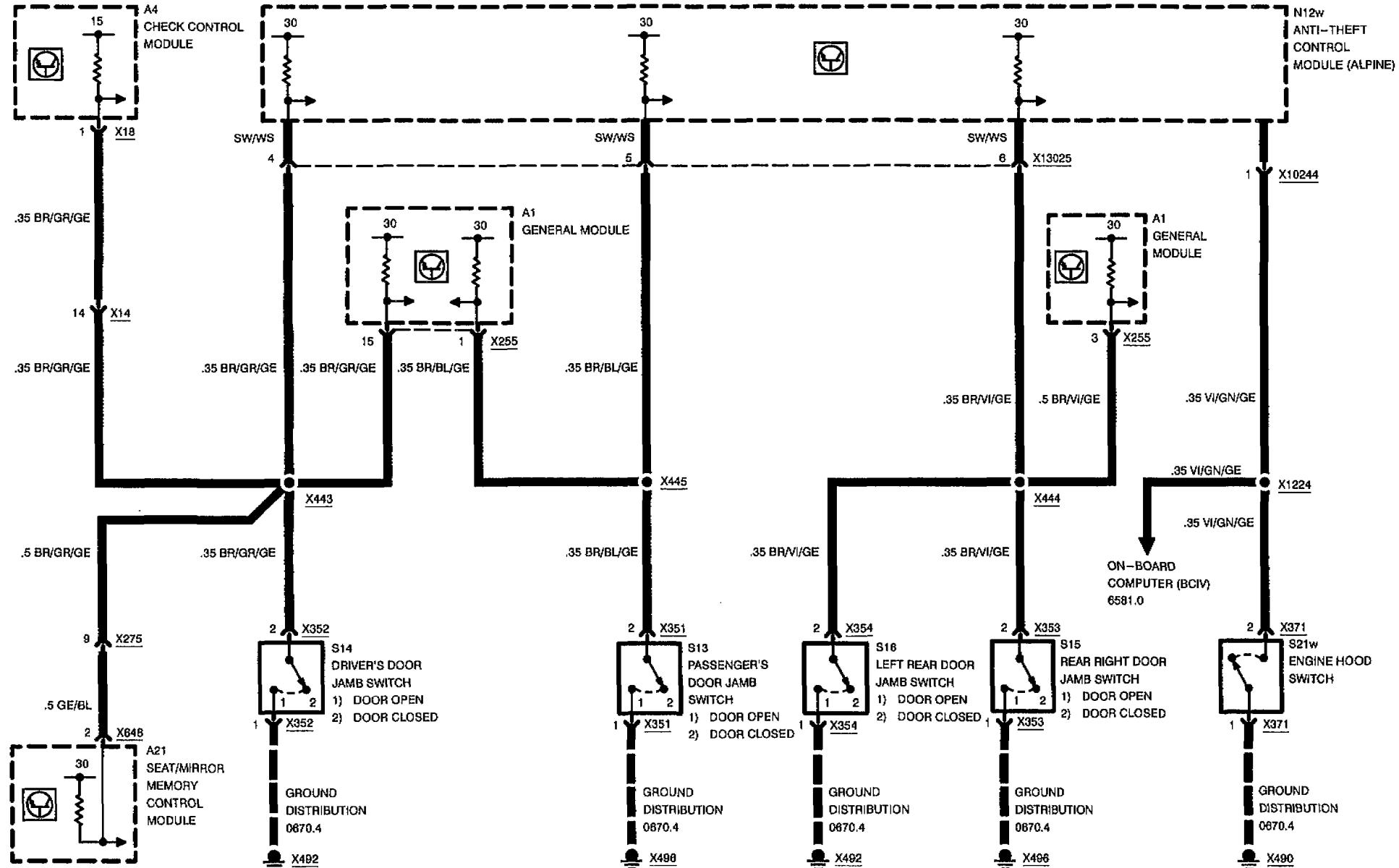


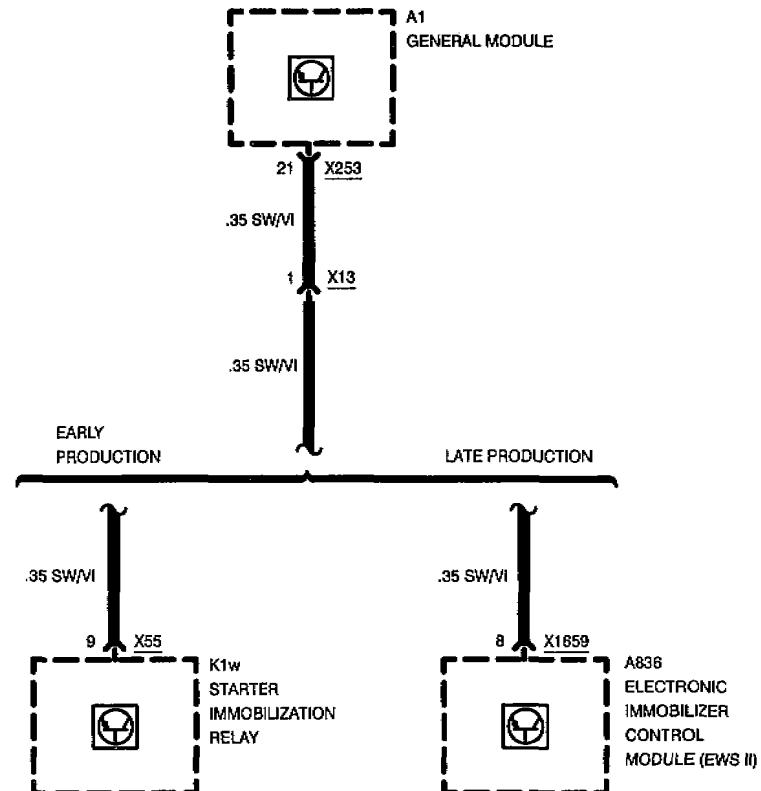
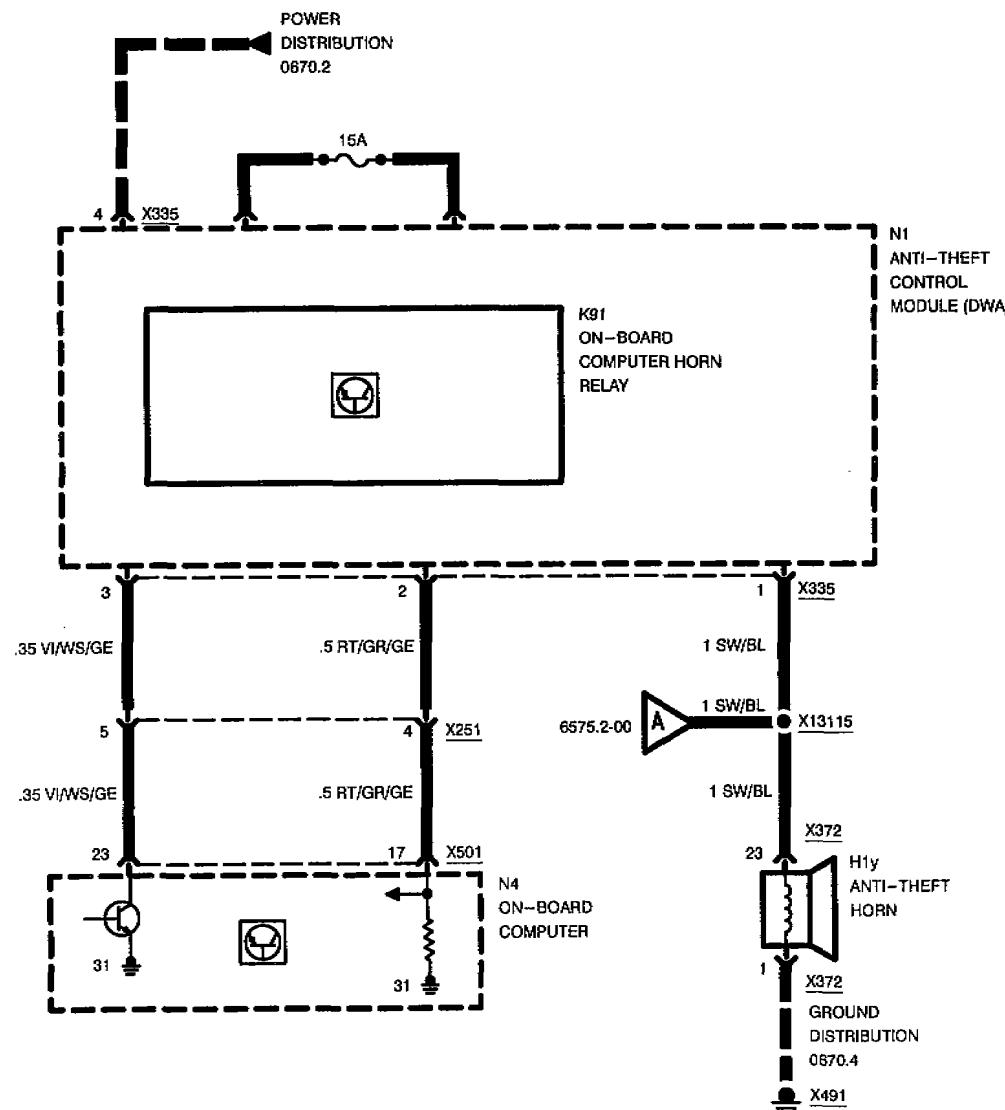


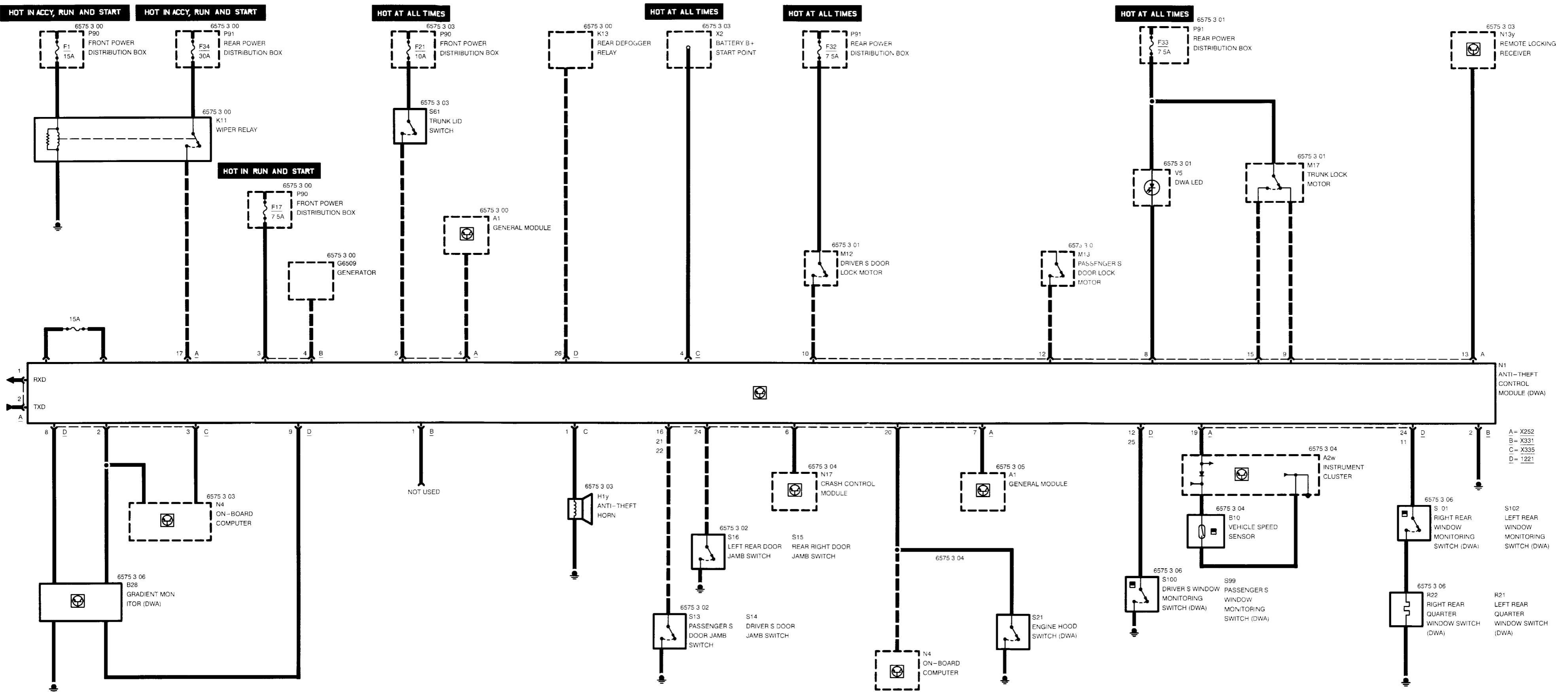
## ANTI-THEFT SYSTEM (ALPINE)

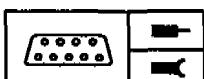
525i/t, 530i/t

### FRONT AND REAR DOOR JAMB SWITCHES









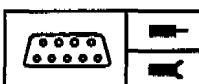
## Pin Assignments

A=X252	26 Pins, black
B=X331	5 Pins, black
C=X335	4 Pins, black
D=X1221	26 Pins, white

### X252

Pin	Type	Description/Function	Connection
1	A	Diagnosis RxD	Data link connector
2	E	Diagnosis TxD	Data link connector
3		Not used	
4	E	Central locking signal	General module
5	E	Trunk lid	Trunk lid light switch
6	A	"Optical Alarm"	Crash control module
7	E	QZV	General module
8	A	Status-LED	LED
9	E	Trunk lock motor	Lock motor switch
10	E	Driver's door lock motor	Lock motor switch
11		Not used	
12	E	Passenger's door lock motor	Lock motor switch
13	E	IRS lock signal	IR control module
14		Not used	
15	E	Trunk lock motor	Lock motor switch
16	E	Passenger's door	Passenger's door contact
17	E	Connection terminal R	Wiper relay
18		Not Used	
19	E	Impulse path	Instrument cluster
20	E	Hood	Engine hood switch
21	E	Driver's door	Driver's door contact
22		Not used	
23		Not used	
24	E	Rear door contact	Door contacts

E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
25		Not used	
26		Not used	

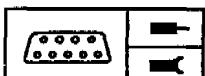
## X331

Pin	Type	Description/Function	Connection
1	A	Drive-away protection	Starter immobilization relay
2	M	Ground	Ground connection
3	E	Ignition ON signal	Terminal 15
4	E	Terminal 61	Generator charge indicator
5		Not used	

## X335

Pin	Type	Description/Function	Connection
1	A	Anti-theft horn connection	Anti-theft horn
2	A	Terminal 30S	BC, inclination monitoring
3	E	BC-alarm	BC
4	E	Terminal 30U	Battery

E = Input, A = Output, M = Ground

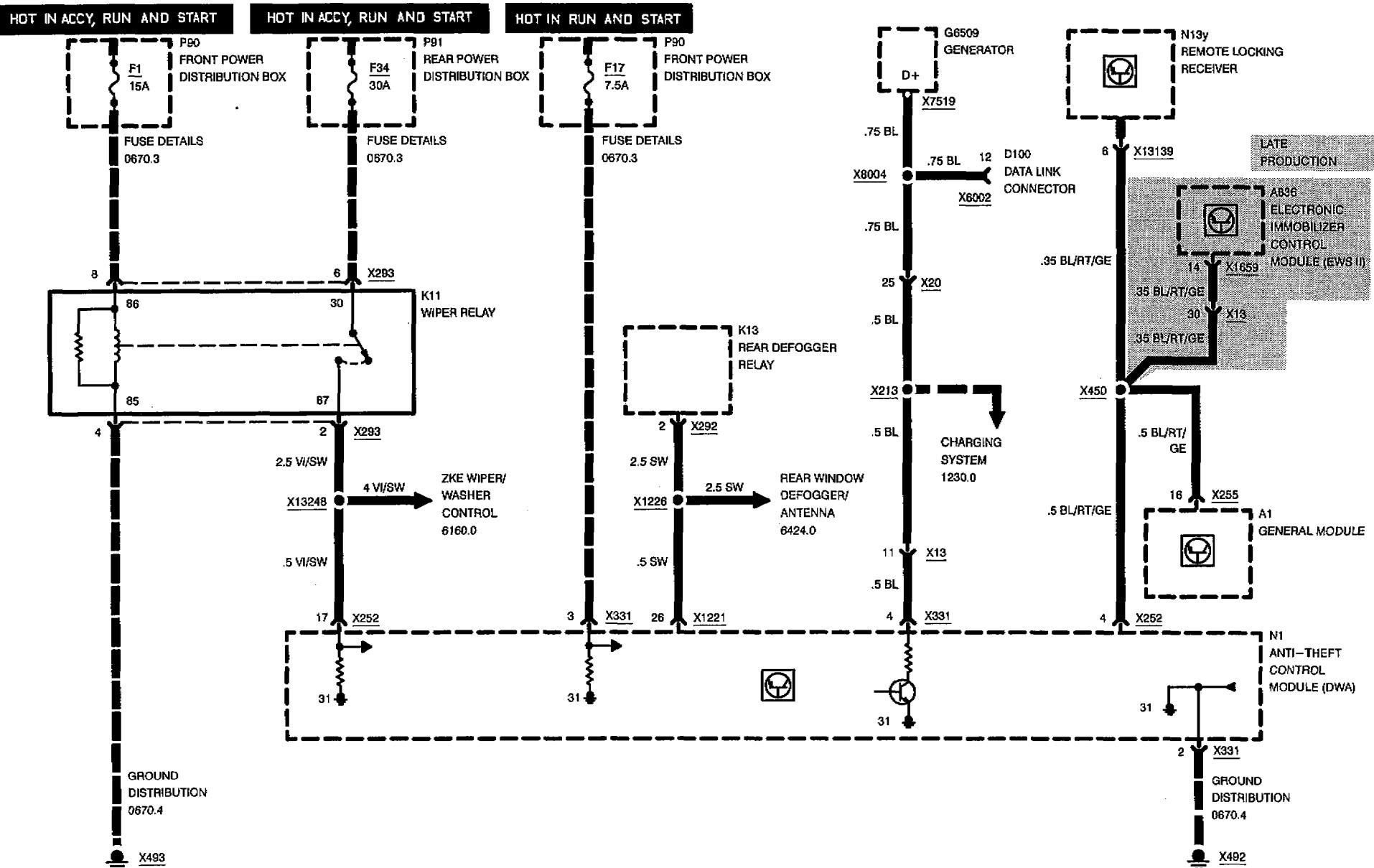


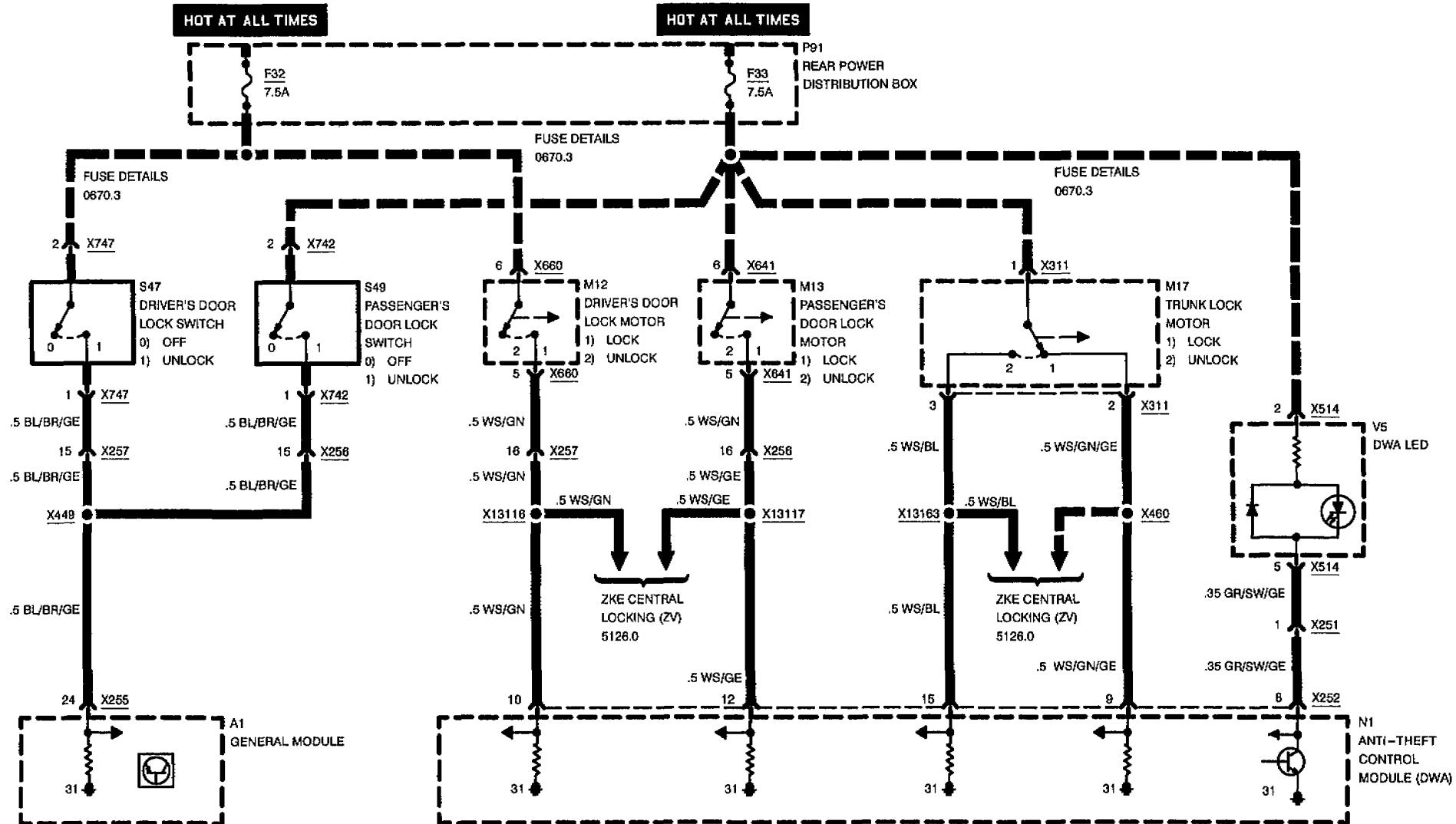
## Pin Assignments

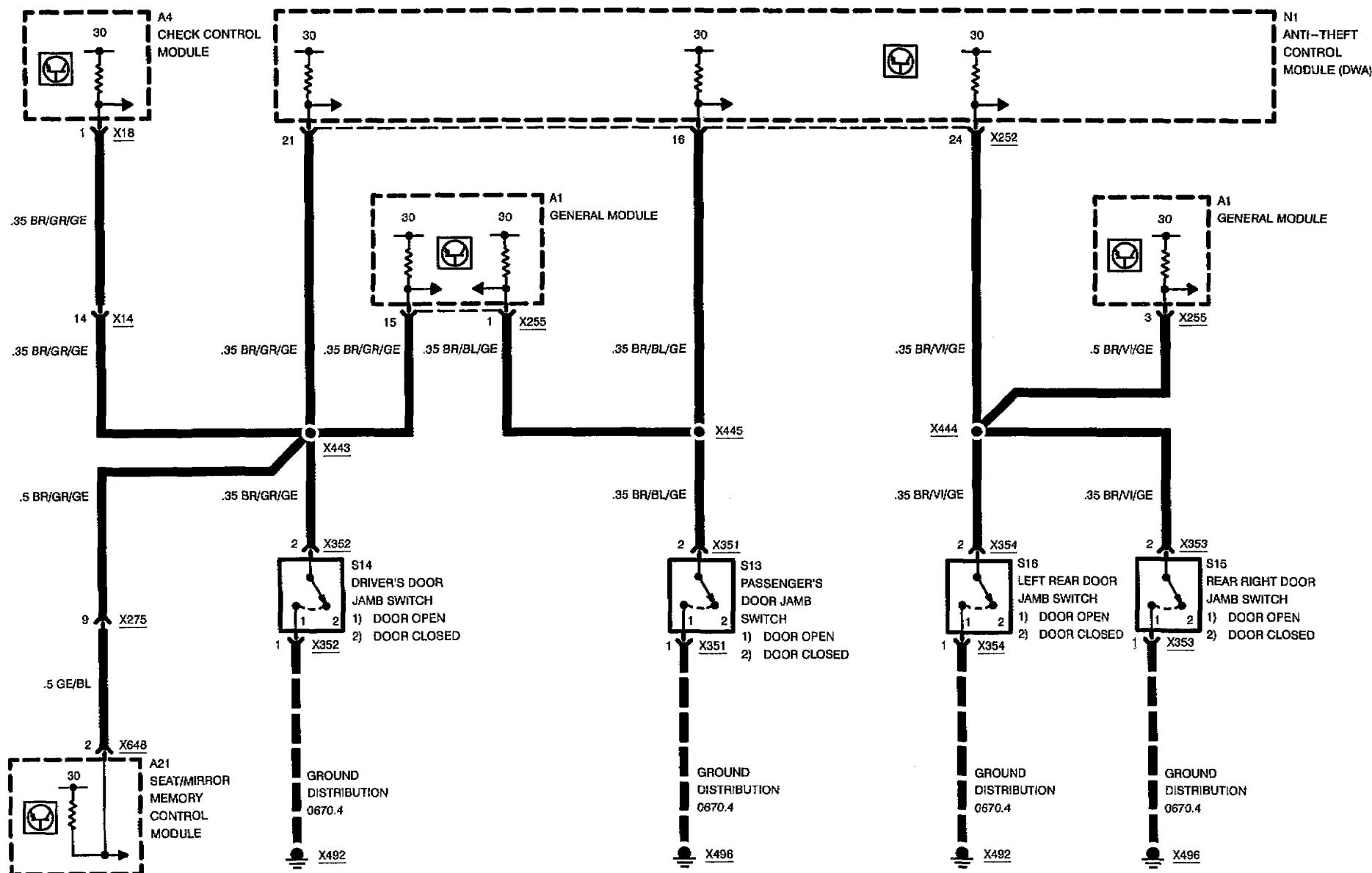
X1221

Pin	Type	Description/Function	Connection
1		Not used	
2		Not used	
3		Not used	
4		Not used	
5		Not used	
6		Not used	
7		Not used	
8	E	Inclination sensor	Gradient monitor
9	A	Inclination sensor	Gradient monitor
10		Not used	
11	E	Left rear windows	Left rear window contact
12	E	Driver's window	Driver's window contact
13		Not used	
14		Not used	
15		Not used	
16		Not used	
17		Not used	
18		Not used	
19		Not used	
20		Not used	
21		Not used	
22		Not used	
23		Not used	
24	E	Right rear windows	Right rear window contact
25	E	Passenger's window	Passenger's window contact
26	E	Voltage supply	Rear power distribution box

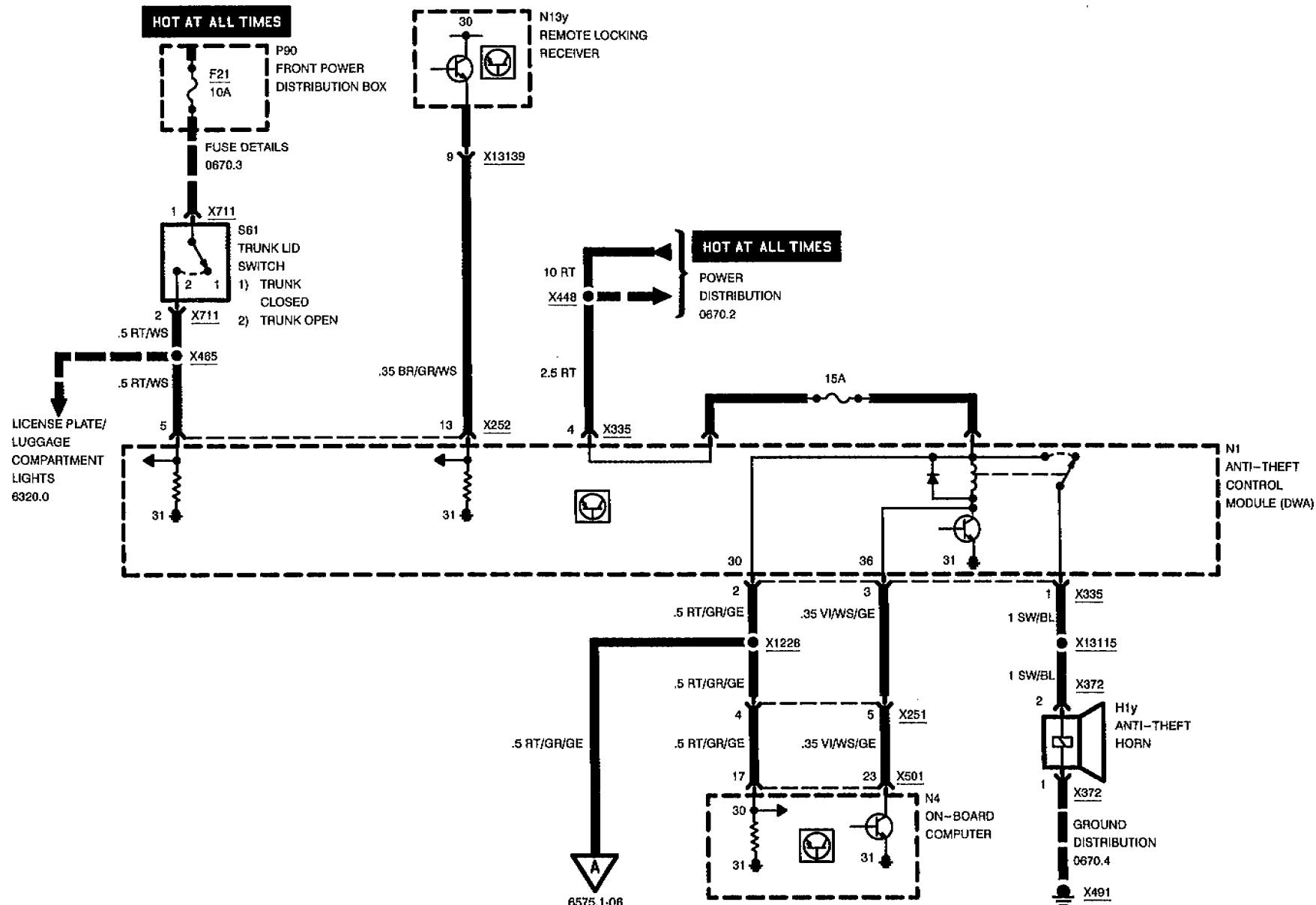
E = Input, A = Output, M = Ground

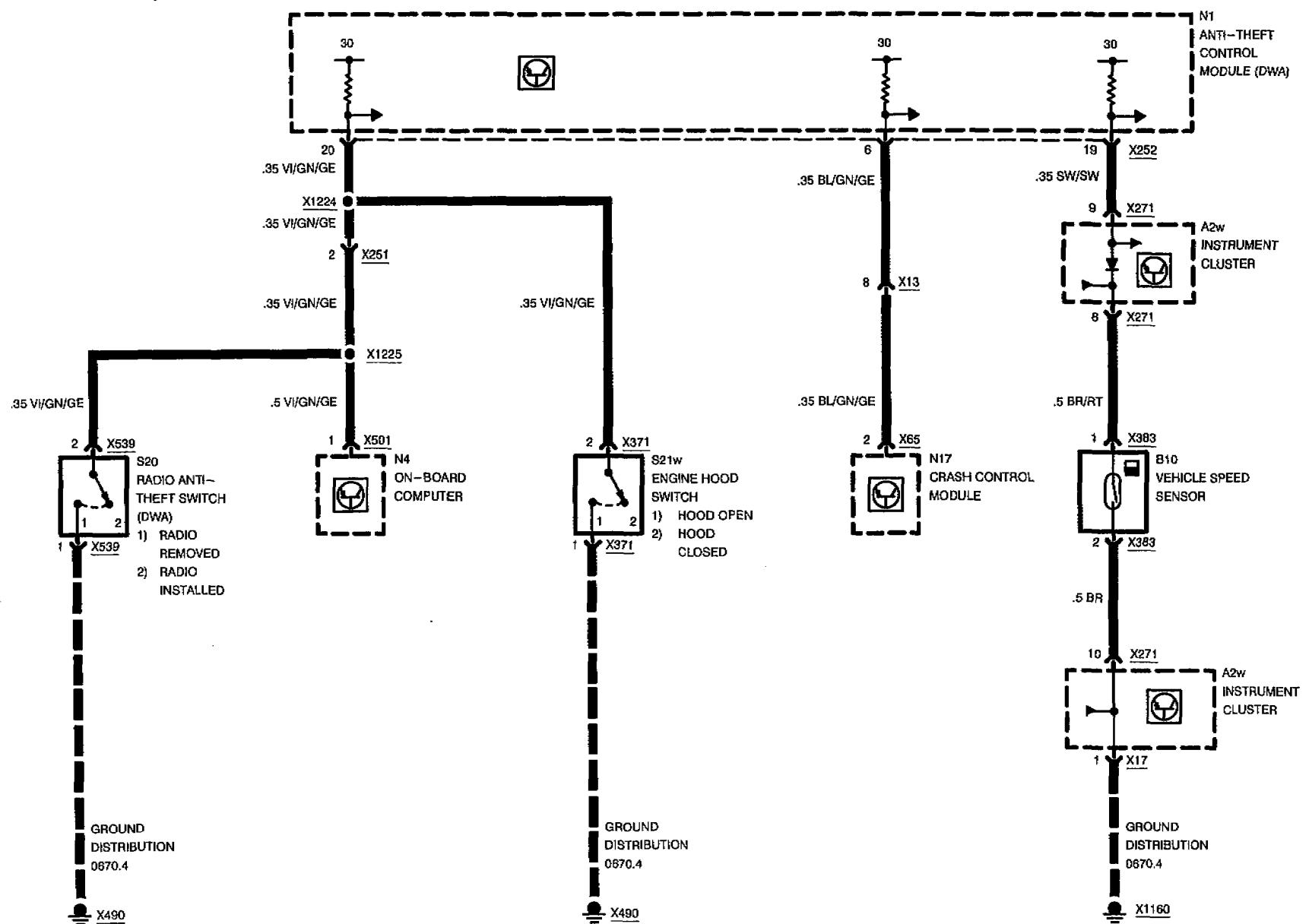


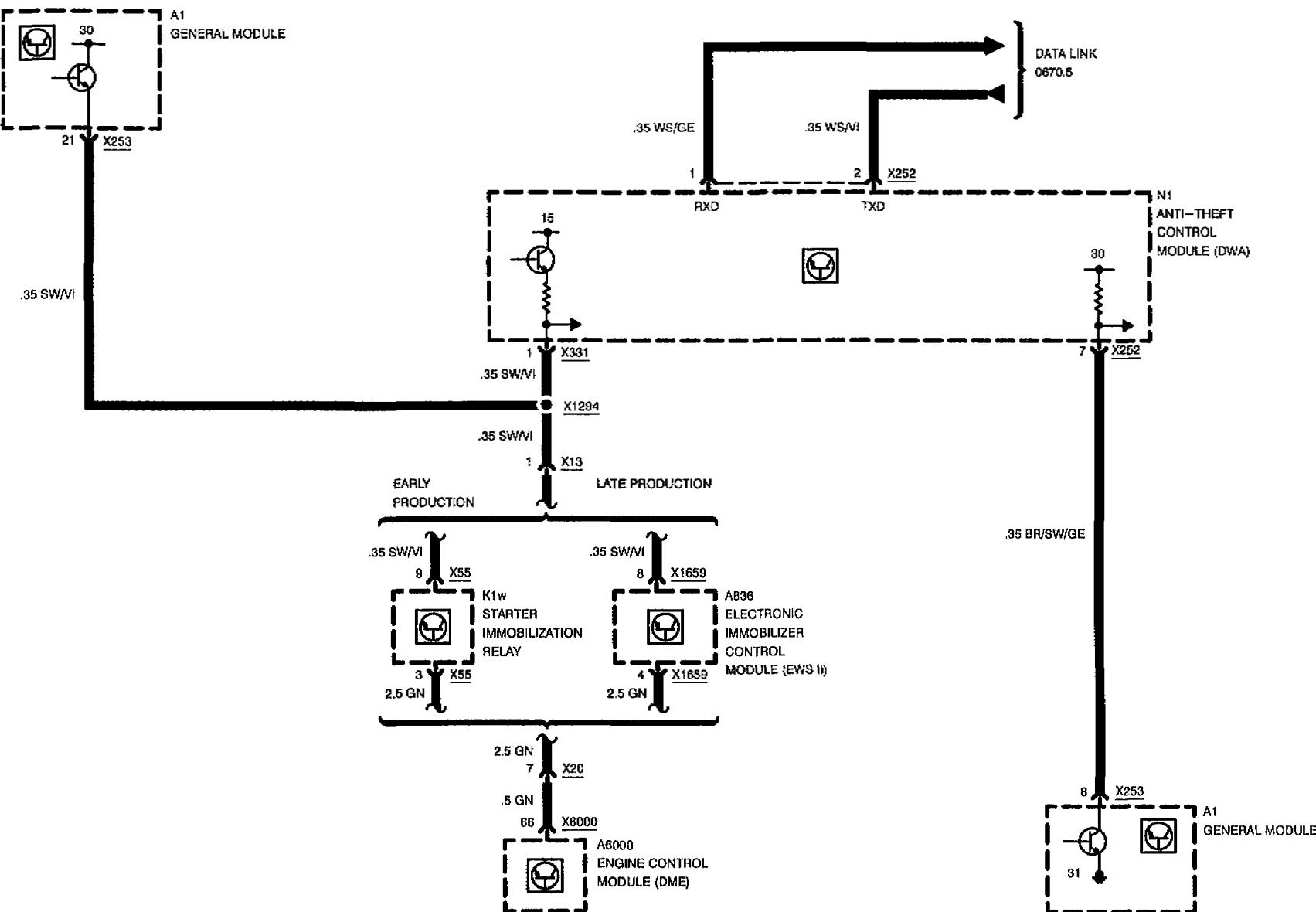


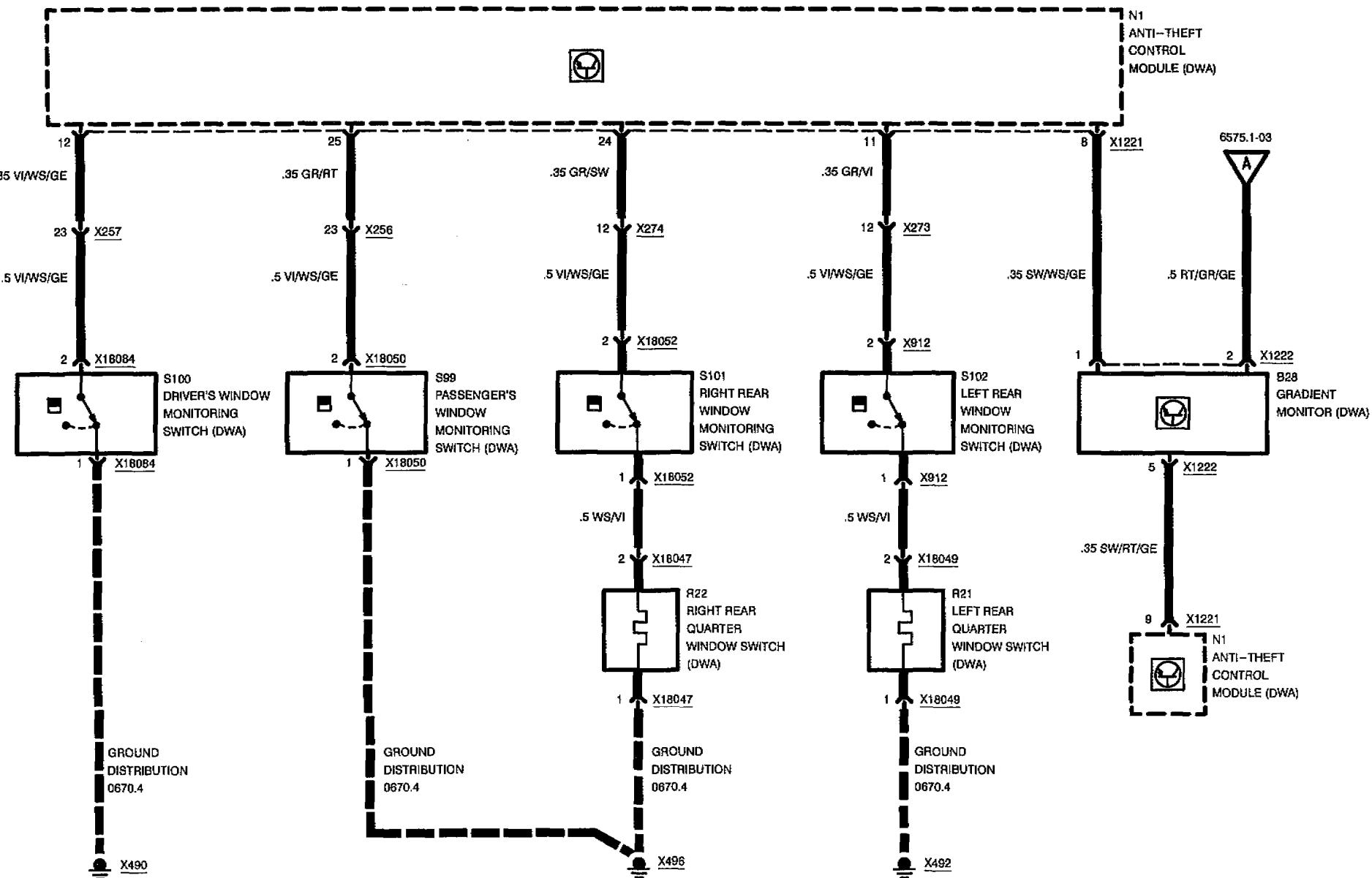


## ANTI-THEFT HORN (DWA), BATTERY, REAR SEAT





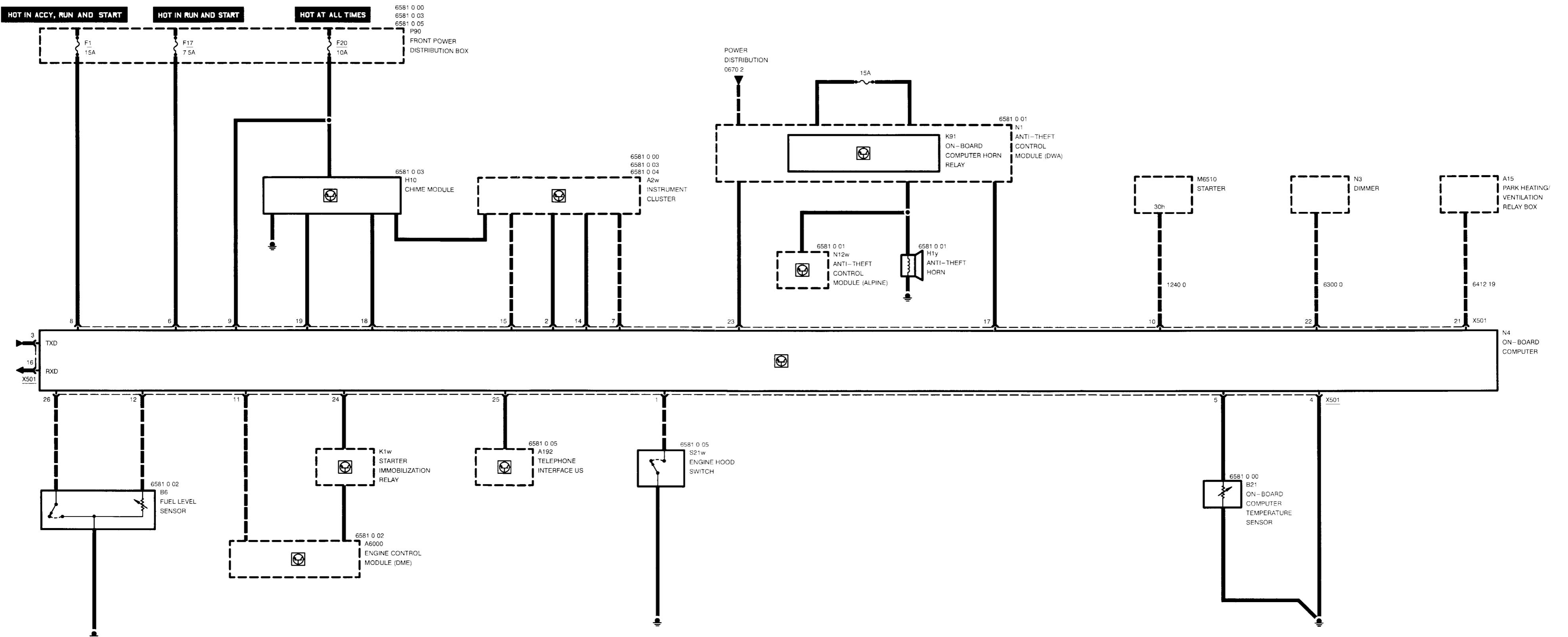


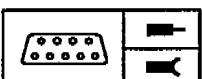


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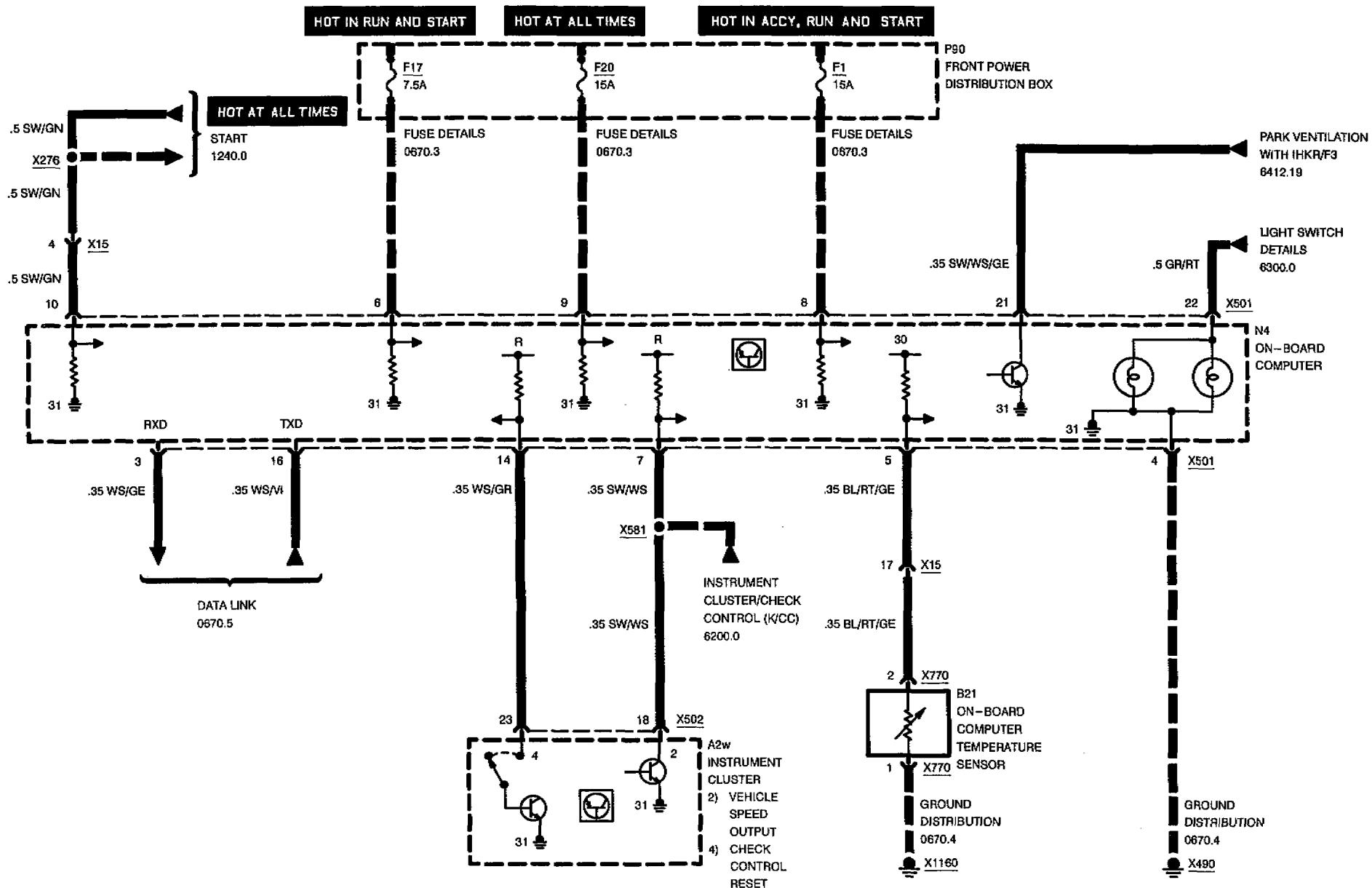


## Pin Assignments

### X501

Pin	Type	Description/Function	Connection
1	E	Hood tamper	Engine hood switch
2	A	DAC line	Instrument cluster
3	E	RxD diagnostic data link	Data link connector
4	M	Ground	Ground point
5	E	Outside temperature	Outside temperature sensor
6	E	Voltage supply, terminal 15	Front power distribution box
7	E	Vehicle speed signal	Instrument cluster
8	E	Voltage supply, terminal R	Front power distribution box
9	E	Voltage supply, terminal 30	Front power distribution box
10	E	Voltage supply, terminal 50	Starter
11	E	Injection signal	Engine control module (DME)
12	E	Fuel gauge	Fuel tank sensor
13		Not used	
14	E	Check control reset button	Instrument cluster
15	E	LAC line	Instrument cluster
16	E/A	TxD diagnostic data link	Data link connector
17	E	Power input	On-board computer horn relay
18	A	Gong T2 control	Chime module
19	A	Gong T1 control	Chime module
20		Not used	
21	A	Independent ventilation control	Park heating/ventilation relay box
22	E	Instrument illumination, terminal 58g	Dimmer
23	A	On-board computer horn relay control	On-board computer horn relay
24	A	Drive-away protection signal	Starter immobilization relay
25	E	Remote control (telephone)	Phone interface box
26	E	Reserve tank contact	Fuel tank sensor

E = Input, A = Output, M = Ground





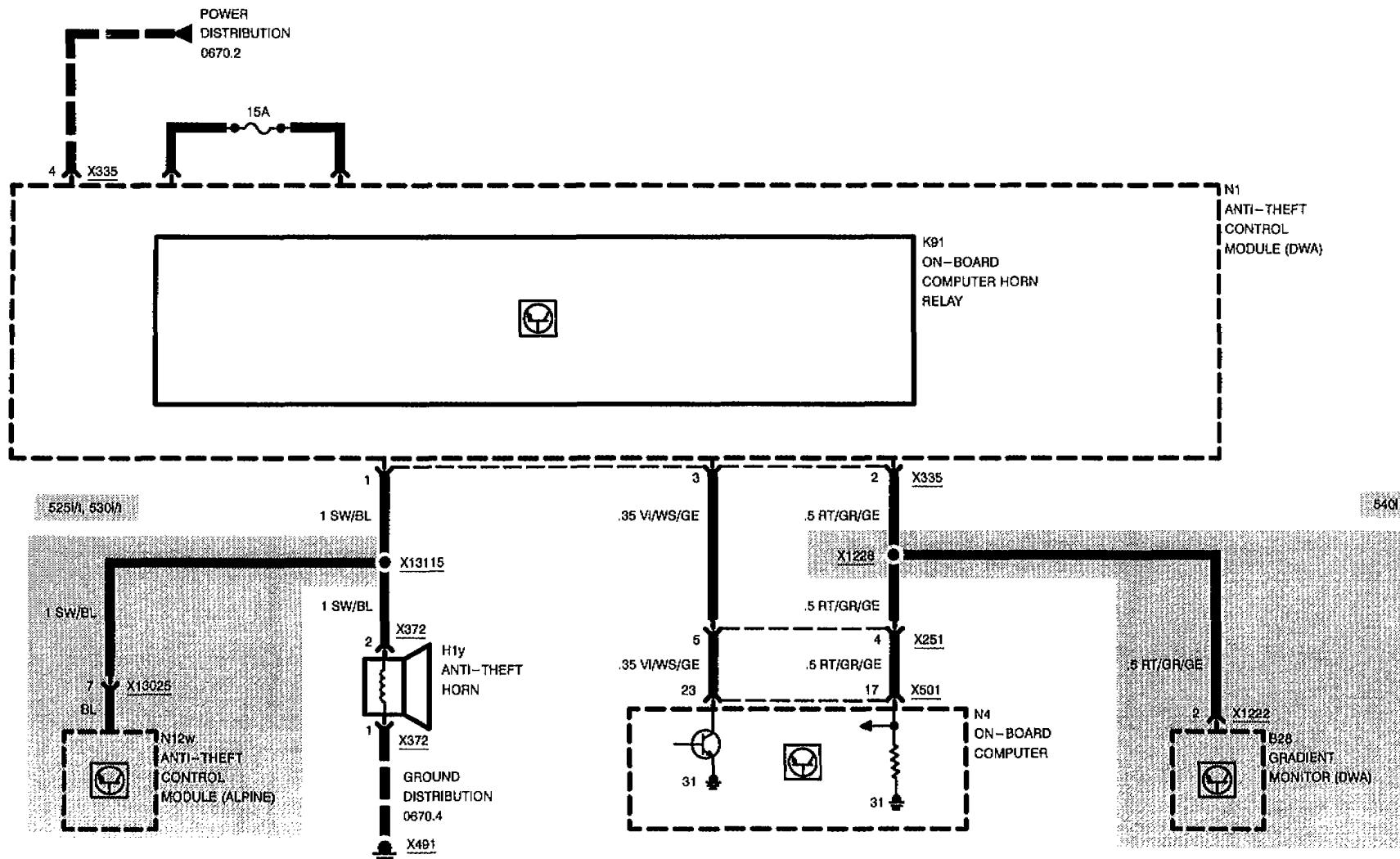
# ON-BOARD COMPUTER (BCIV)

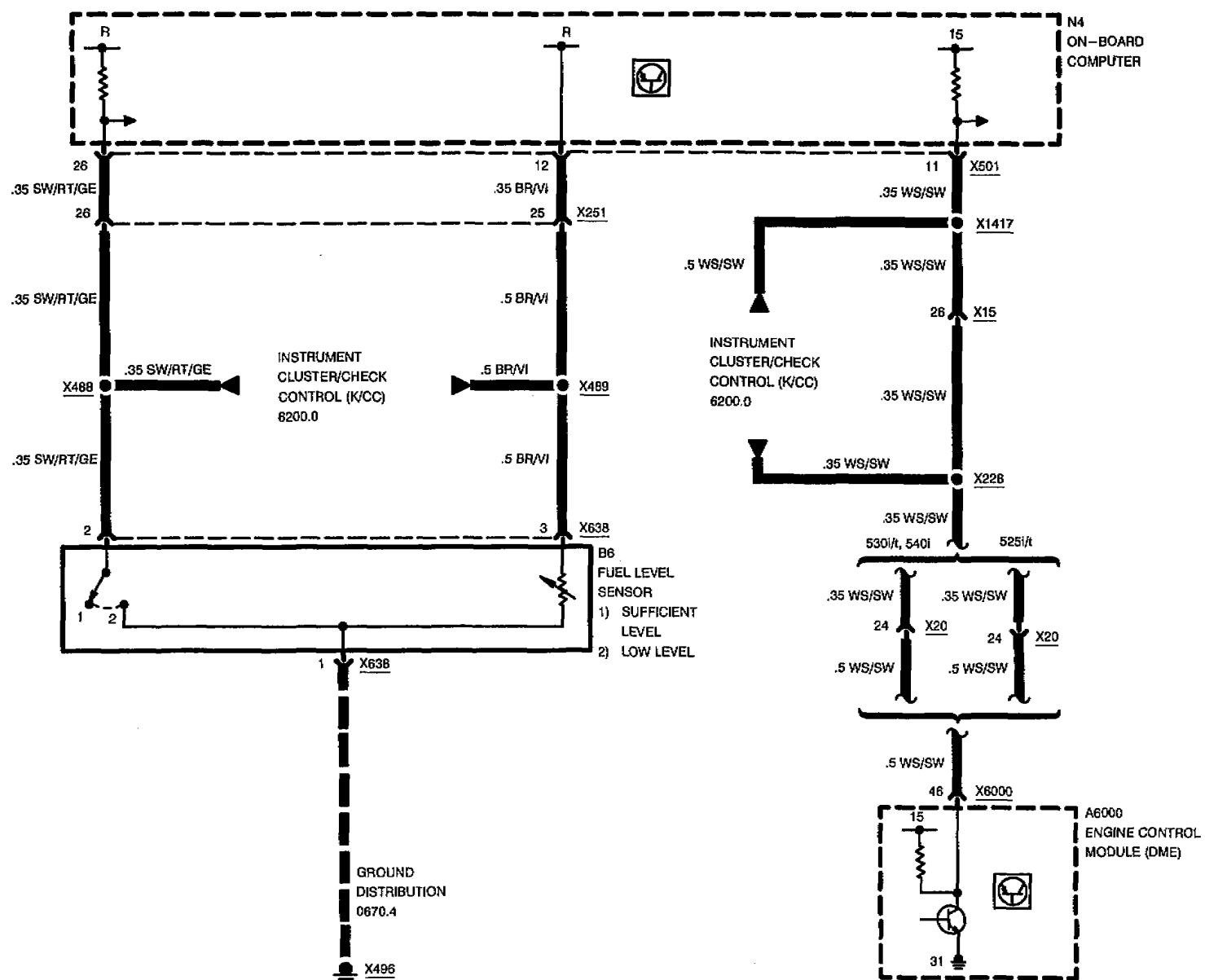
## ANTI-THEFT HORN

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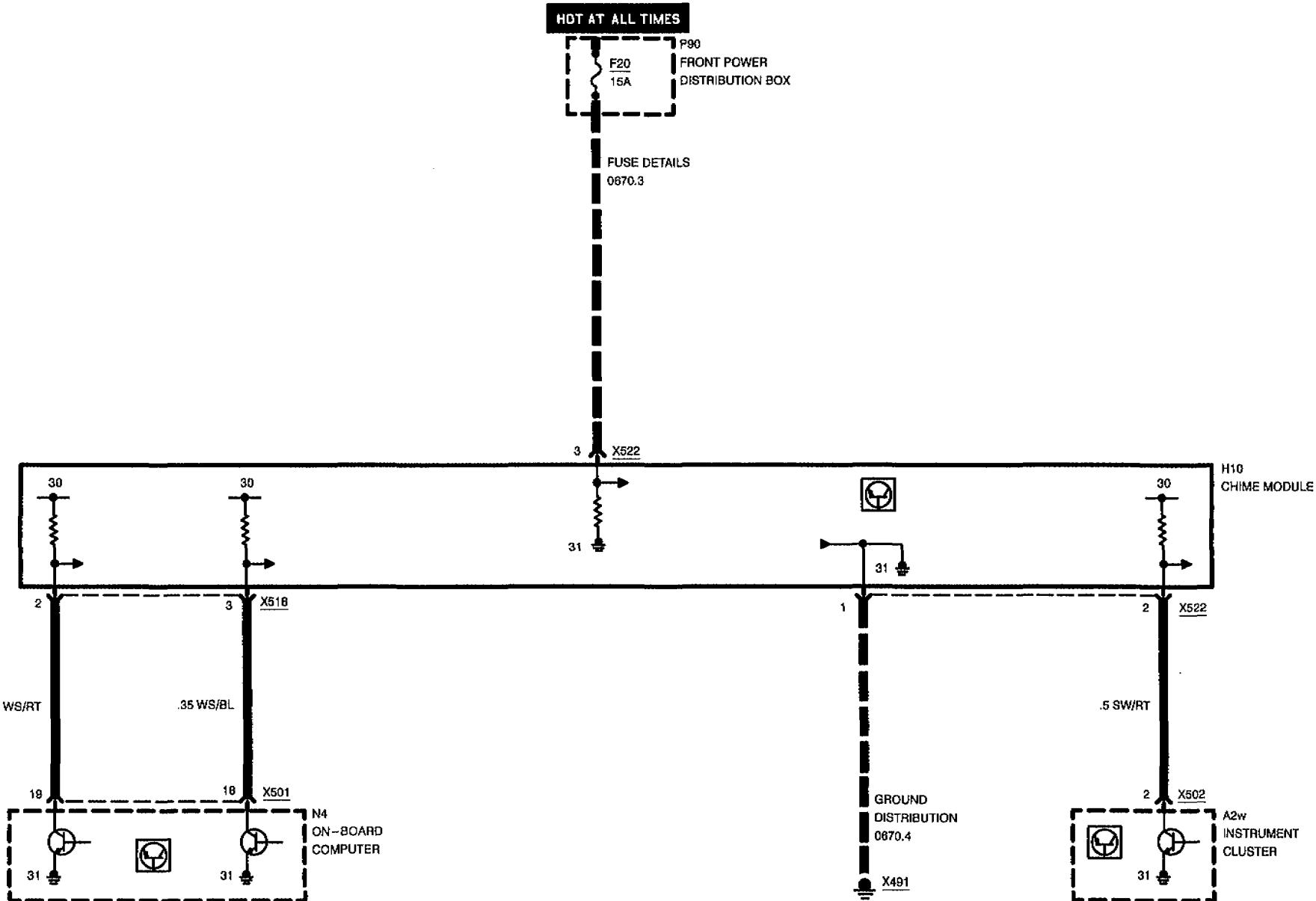


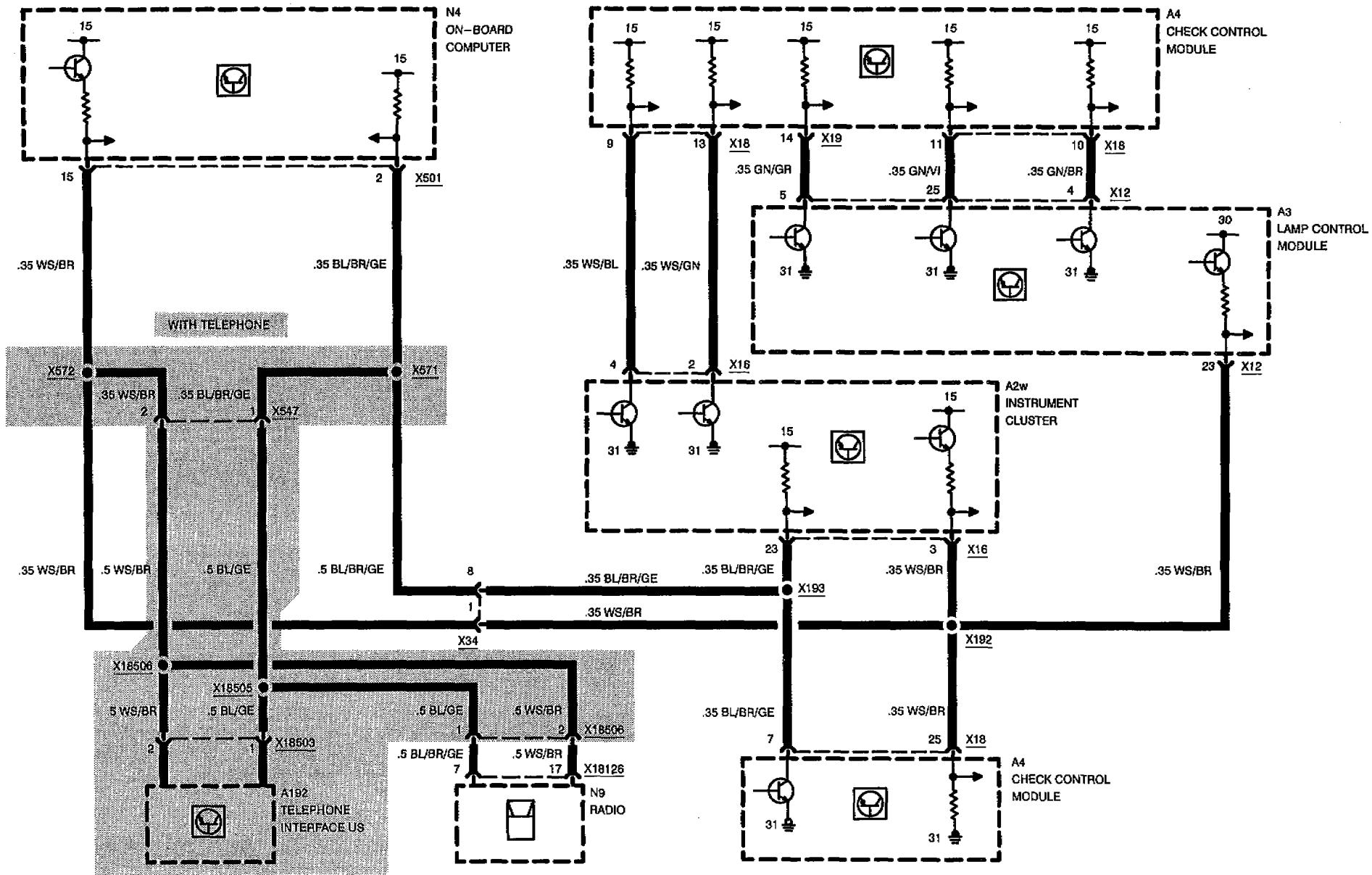
## ON-BOARD COMPUTER (BCIV) CHIME MODULE

02/97

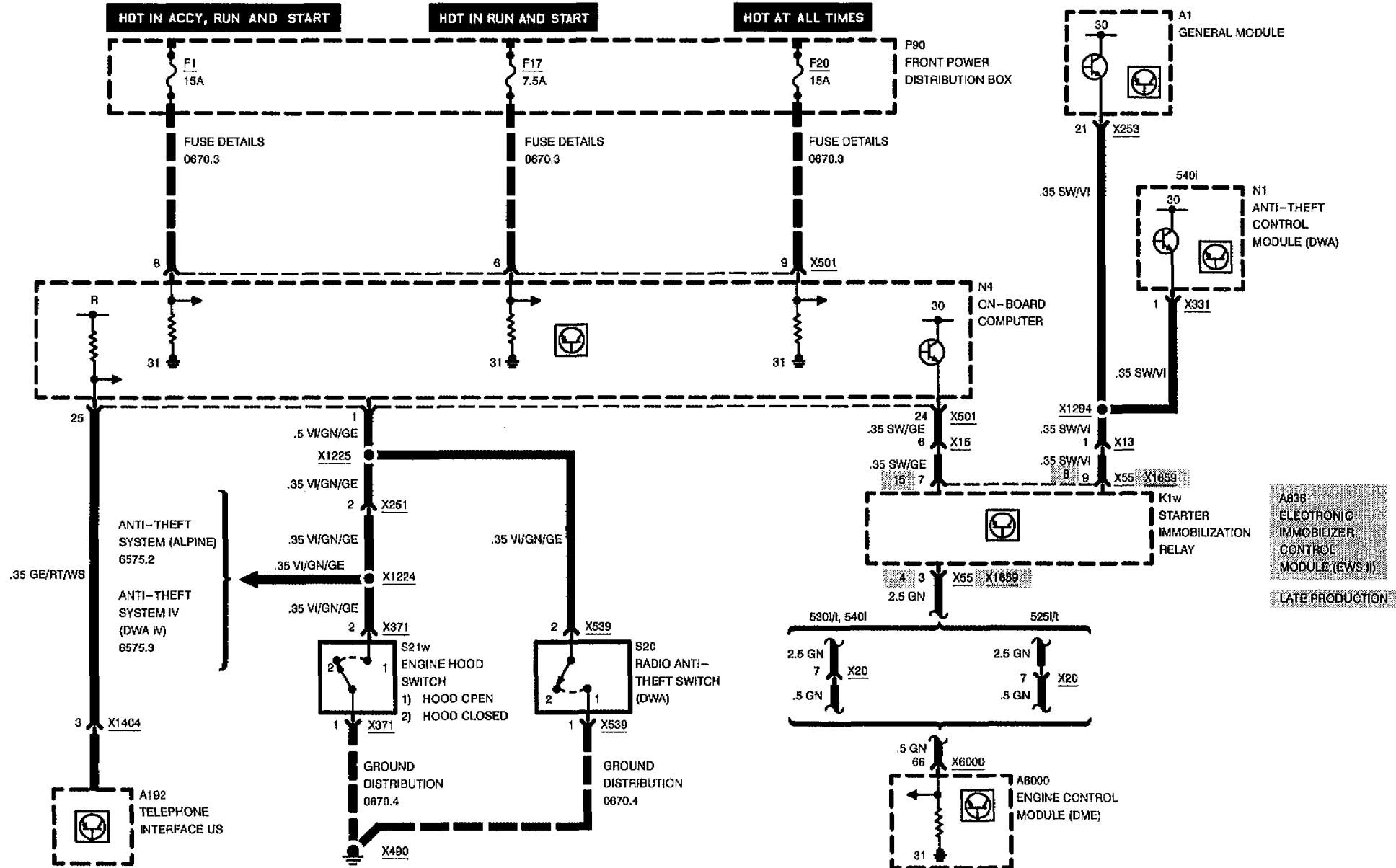
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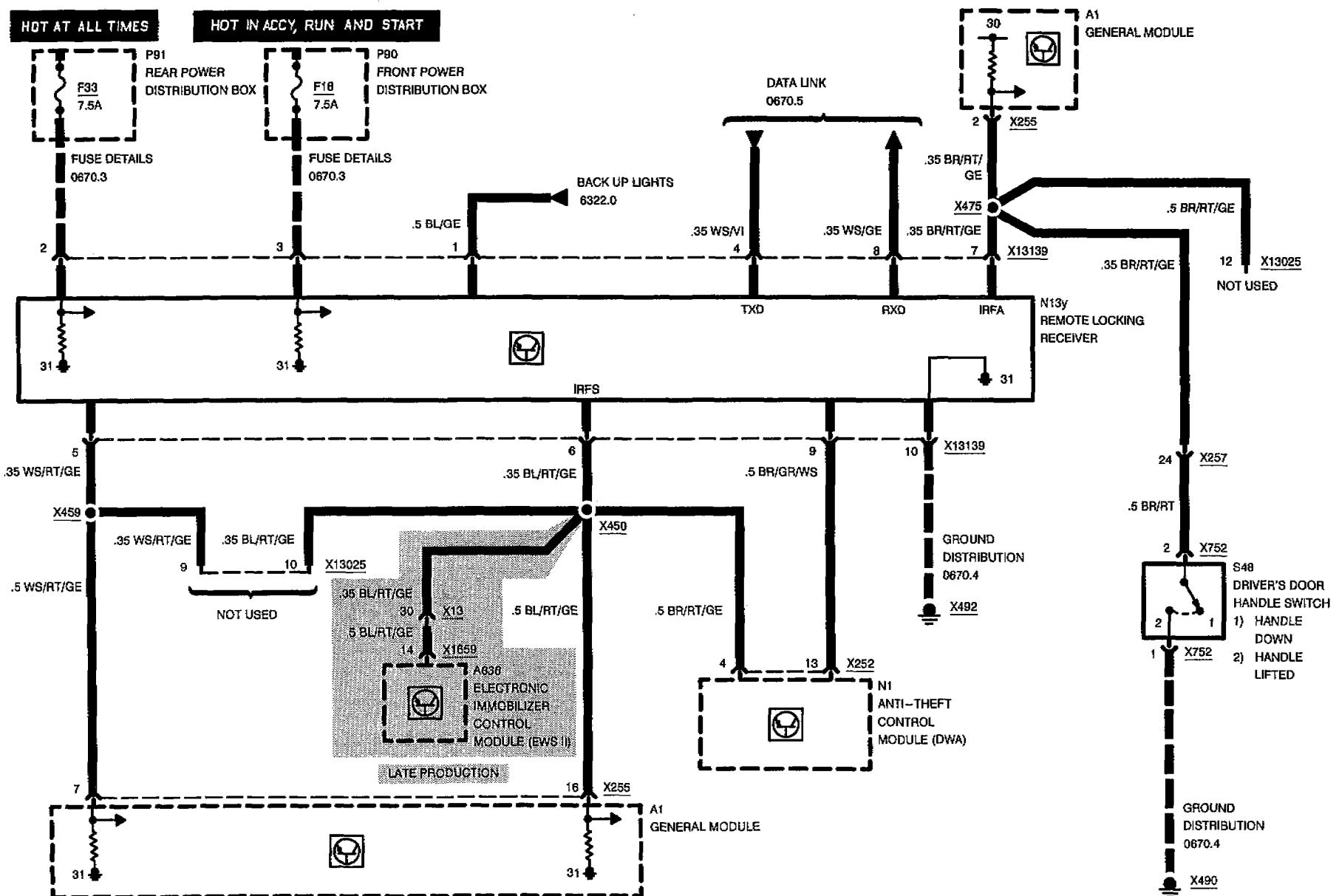
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## ON-BOARD COMPUTER (BCIV)







7000.0



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
A1 .... GENERAL MODULE .....	in Rear Power Distribution Box .....	00-3
A2w .. INSTRUMENT CLUSTER .....	LH side of dash	
A3 .... LAMP CONTROL MODULE .....	front Power Distribution Box .....	00-2
A4 .... CHECK CONTROL MODULE .....	front Power Distribution Box .....	00-2
A5 .... RELAY MODULE .....	in Rear Power Distribution Box .....	00-3
A7 .... SLIP CONTROL MODULE (ABS) .....	In E-Box .....	00-1
A8 .... CRUISE CONTROL MODULE (TEMPOMAT)	below LH side of dash .....	34-1
A12 ... SUPPLEMENTAL RESTRAINT SYSTEM CONTROL MODULE .....	underside of rear seat .....	35-1
A15 ... PARK HEATING/VENTILATION RELAY BOX .	under RH rear seat	
A18 ... HIFI AMPLIFIER .....	in LH rear side of luggage compartment .....	30-1
A18 ... HIFI AMPLIFIER .....	in LH rear side of luggage compartment (Touring) .....	30-2
A21 ... SEAT/MIRROR MEMORY CONTROL MODULE .....	underside of LH front seat .....	22-1
A22z .. ELECTROCHROMIC REAR VIEW MIRROR .	center of windshield header	
A36 ... REAR WIPER/WASHER INTERVAL CONTROL MODULE .....	RH side of luggage compartment .....	30-3
A52 ... SLIP CONTROL MODULE (ABS/ASC) .....	In E-Box .....	00-1
A87w .. INTEGRATED CLIMATE REGULATION CONTROL MODULE (IHKR/F3) .....	LH side of RH footwell .....	19-3
A99 ... DOUBLE PANEL POWER SUNROOF CONTROL MODULE .....	in roof panel .....	29-1
A113 .. SEAT OCCUPANCY DETECTOR .....	RH front seat	
A192 .. TELEPHONE INTERFACE US .....	below front of console	

7000.0-0

1995

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
A413 .	ELECTRONIC SHOCK ABSORBER CONTROL MODULE (EDC) .....	below RH side of rear seat	
A835 .	TRANSMITTER MODULE (EWS II) .....	RH side of steering column .....	33-2
A836 .	ELECTRONIC IMMOBILIZER CONTROL MODULE (EWS II) .....	LH footwell left .....	33-3
A6000	ENGINE CONTROL MODULE (DME) .....	in E-Box .....	00-1
A8500	TRANSMISSION CONTROL MODULE (EGS)	in E-Box .....	00-1
A8500	TRANSMISSION CONTROL MODULE (EGS)	behind RH footwell kickpanel (Touring)	
A8600	TRANSMISSION CONTROL MODULE (AGS)	in E-Box .....	00-1
B1 . . .	RIGHT FRONT SPEED SENSOR – ABS ...	behind RH front wheel	
B2 . . .	LEFT FRONT SPEED SENSOR – ABS .....	behind LH front wheel .....	09-1
B3 . . .	RIGHT REAR SPEED SENSOR – ABS .....	behind RH rear wheel .....	09-2
B4 . . .	LEFT REAR SPEED SENSOR – ABS .....	behind LH rear wheel	
B6 . . .	FUEL LEVEL SENSOR .....	in RH side of luggage compartment .....	31-2
B8y . . .	PRESSURE SWITCH .....	front RH side of engine compartment	
B10 .. .	VEHICLE SPEED SENSOR .....	under rear of car .....	09-3
B11 .. .	LH HEAT EXCHANGER TEMPERATURE SENSOR .....	LH side of IHKR/F3 Plenum .....	19-2
B12 .. .	RH HEAT EXCHANGER TEMPERATURE SENSOR .....	LH side of RH footwell .....	19-3
B13 .. .	OUTSIDE TEMPERATURE SENSOR .....	rear LH side of engine compartment .....	16-3
B14 .. .	EVAPORATOR TEMPERATURE SENSOR ..	LH side of IHKR/F3 Plenum .....	19-2
B16 .. .	LEFT FRONT BRAKE PAD SENSOR .....	behind LH front wheel .....	09-1



## COMPONENT LOCATION CHART

02/97

7000-0-2

1995

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
B17 ..	RIGHT REAR BRAKE PAD SENSOR .....	behind RH rear wheel .....	09-2
B18 ..	BRAKE FLUID LEVEL SWITCH .....	LH side of engine compartment .....	13-3
B21 ..	ON-BOARD COMPUTER TEMPERATURE SENSOR .....	under LH front bumper .....	10-2
B22 ..	WHEEL CAMBER CONTROL MODULE ....	under RH rear of car RH side of differential	
B28 ..	GRADIENT MONITOR (DWA) .....	in LH forward side of luggage compartment .....	34-2
B54 ..	DOUBLE PANEL POWER SUN ROOF SENSOR I .....	behind front of roof trim panel	
B55 ..	DOUBLE PANEL POWER SUN ROOF SENSOR II .....	in roof panel .....	29-1
B60 ..	CARBON CANISTER .....	behind LH front fog light	
B400 ..	MICROPHONE .....	center of dash	
B6163	SECONDARY AIR PUMP VALVE .....	near throttle body .....	32-2
B6200	HEATED OXYGEN SENSOR .....	on catalytic converter	
B6203	CRANKSHAFT POSITION/RPM SENSOR ...	front of engine	
B6204	CAMSHAFT POSITION SENSOR (CYLINDER IDENTIFICATION) .....	front of engine (530i/t) (540i)	
B6205	INTAKE AIR TEMPERATURE SENSOR .....	front of engine on coolant inlet .....	14-1
B6206	AIR FLOW SENSOR .....	RH front of engine (530i/t) (540i) .....	05-3
B6208	CAMSHAFT ACTUATOR .....	front of engine	
B6209	HALL EFFECT CAMSHAFT SENSOR .....	front of engine (525i/t) .....	13-2
B6210w	CYL. 1-4 HEATED OXYGEN SENSOR .....	under transmission (530i/t) (540i)	
B6215w	CYL. 1-8 AIR TEMPERATURE SENSOR ...	top front of engine compartment (530i/t) (540i) .....	08-1



## COMPONENT LOCATION CHART

02/97

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
B6217	HOT FILM AIR MASS METER .....	top front of engine	
B6220w	CYL. 5-8 HEATED OXYGEN SENSOR .....	under transmission (530i/t) (540i)	
B6230	OIL LEVEL SENSOR .....	underside of oil pan .....	10-1
B6231	OIL PRESSURE SWITCH .....	front of engine (525i/t) .....	13-2
B6231	OIL PRESSURE SWITCH .....	lower LH front of engine (530i/t) (540i)	
B6235	TEMPERATURE SWITCH .....	in E-Box .....	05-1
B6236	ENGINE COOLANT TEMPERATURE SENSOR .....	front of engine (525i/t) .....	13-2
B6236	ENGINE COOLANT TEMPERATURE SENSOR .....	rear of engine RH side of engine (530i/t) (540i)	7000.0-3
B6241	CYL. 1-2 KNOCK SENSOR .....	LH side of engine (530i/t) (540i)	
B6242	CYL. 3-4 KNOCK SENSOR .....	LH side of engine (530i/t) (540i)	
B6243	CYL. 5-6 KNOCK SENSOR .....	RH side of engine (530i/t) (540i)	
B6244	CYL. 7-8 KNOCK SENSOR .....	RH side of engine (530i/t) (540i)	
B6241w	CYL. 1-3 KNOCK SENSOR .....	top front of engine (525i/t)	
B6242w	CYL. 4-6 KNOCK SENSOR .....	top front of engine (525i/t)	
B9508	PRESSURE SWITCH .....	front RH side of engine compartment .....	16-2
C101	CONTACT RING .....	top of steering column .....	20-1
C900	SUPPRESSION FILTER .....	in upper RH C-pillar .....	28-2
D100	DATA LINK CONNECTOR .....	near E-Box left (530i/t) (540i)	05-2
E9	REAR DEFOGGER I .....	in rear window	
E10	REAR DEFOGGER/ANTENNA .....	in rear window	

1995



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
E11 ... LEFT HIGH BEAM LIGHT .....	front of car left	
E12 ... RIGHT HIGH BEAM LIGHT .....	front of car right	
E13 ... LEFT LOW BEAM LIGHT .....	front of car left	
E14 ... RIGHT LOW BEAM LIGHT .....	front of car right	
E15 ... LEFT PARK LIGHT .....	front of car left	
E16 ... LEFT REAR LIGHT ASSEMBLY .....	rear of car left	
E17 ... RIGHT REAR LIGHT ASSEMBLY .....	rear of car right	
E19 ... RIGHT PARK LIGHT .....	front of car right	
E21 ... LEFT FRONT MARKER LIGHT .....	near LH headlight assembly	
E22 ... RIGHT FRONT MARKER LIGHT .....	near RH headlight assembly	
E26 ... LEFT FOG LIGHT .....	front of car left	
E27 ... RIGHT FOG LIGHT .....	front of car right	
E28 ... FRONT CIGAR LIGHTER .....	center console	
E29 ... FRONT CIGAR LIGHTER LIGHT .....	center of dash below front of console	
E32 ... TRUNK COMPARTMENT LIGHT .....	in luggage compartment	
E33w ... TRUNK LID LIGHT .....	underside of trunk lid (Touring)	
E34 ... FRONT DOME LIGHT/MAP READING ASSEMBLY .....	center of windshield header .....	21-3
E35 ... DRIVER'S MAKEUP MIRROR LIGHT .....	center of windshield header	
E36 ... PASSENGER'S MAKEUP MIRROR LIGHT ..	center of windshield header	
E39 ... LEFT REAR INTERIOR LIGHT .....	in upper LH C-pillar .....	28-3
E40 ... RIGHT REAR INTERIOR LIGHT .....	in upper RH C-pillar	

7000.0-4

1995



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
E42 ... GLOVE BOX LIGHT .....	RH side of glove box above	
E43 ... LEFT LICENSE PLATE LIGHT .....	underside of trunk lid	
E44 ... RIGHT LICENSE PLATE LIGHT .....	underside of trunk lid	
E46 ... LEFT TRUNK LIGHT ASSEMBLY .....	underside of trunk lid	
E47 ... RIGHT TRUNK LIGHT ASSEMBLY .....	underside of trunk lid	
E48 ... DOOR LOCK HEATER .....	LH front door in door at key lock assembly	
E51 ... LEFT WASHER JET HEATER .....	on underside of engine hood	
E52 ... RIGHT WASHER JET HEATER .....	on underside of engine hood	
E56 ... DRIVER'S SEATBACK HEATER .....	in lower LH front seatback	
E57 ... DRIVER'S SEAT HEATER .....	underside of LH front seat	
E58 ... PASSENGER'S SEAT HEATER .....	underside of RH front seat	
E59 ... PASSENGER'S SEATBACK HEATER .....	in lower RH front seatback	
E70 ... LEFT REAR SIDE MARKER LIGHT .....	front of car	
E71 ... RIGHT REAR SIDE MARKER LIGHT .....	front of car	
E104 . THROTTLE FLAP HEATER .....	near throttle body .....	06-1
E9000 RIGHT FRONT LIGHT ASSEMBLY .....	RH front of vehicle	
E9001 LEFT FRONT LIGHT ASSEMBLY .....	LH front of vehicle	
G1 ... BATTERY .....	below RH side of rear seat .....	27-3
G5 ... DRIVER'S AIR BAG GAS GENERATOR .....	top of steering column .....	20-1
G6 ... PASSENGER'S AIR BAG GAS GENERATOR	RH side of dash	
G6430 B+ JUMP START JUNCTION POINT .....	rear LH side of engine compartment (525i/t) .....	01-1
G6430 B+ JUMP START JUNCTION POINT .....	rear RH side of engine compartment (530i/t) (540i) .....	05-2

7000.0-5

1995



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
G6509 GENERATOR .....	in the engine compartment	
H1y ... ANTI-THEFT HORN .....	rear LH side of engine compartment .....	16-3
H2 ... LEFT HORN .....	front LH side of engine compartment .....	16-1
H3 ... RIGHT HORN .....	front RH side of engine compartment .....	16-1
H4 ... RIGHT FRONT TURN LIGHT .....	front of car	
H5 ... RIGHT REAR TURN LIGHT .....	RH side of body rear end	
H6 ... LEFT REAR TURN LIGHT .....	LH side of body rear end	
H7 ... LEFT FRONT TURN LIGHT .....	front of car	
H8 ... RIGHT FRONT AUXILIARY TURN LIGHT ...	front of car	
H9 ... LEFT FRONT AUXILIARY TURN LIGHT ....	front of car	
H10 ... CHIME MODULE .....	LH footwell .....	17-2
H24 ... LEFT BRAKE LIGHT .....	LH side of body rear end	
H25 ... LEFT TAIL LIGHT .....	LH side of body rear end	
H27 ... LEFT BACK UP LIGHT .....	LH side of body rear end	
H28 ... RIGHT BACK UP LIGHT .....	RH side of body rear end	
H30 ... RIGHT TAIL LIGHT .....	RH side of body rear end	
H31 ... RIGHT BRAKE LIGHT .....	RH side of body rear end	
H34 ... HIGH LEVEL STOP LIGHT .....	at back of rear window shelf	
H38 ... TELEPHONE TRANSCEIVER .....	in LH forward side of luggage compartment	
H41 ... LEFT FRONT SPEAKER .....	in upper LH front door	
H50 ... RIGHT FRONT HIGH RANGE SPEAKER ...	in upper RH front door	
H51 ... RIGHT FRONT LOW RANGE SPEAKER ....	behind RH footwell speaker grille	

7000.0-6

1995



## COMPONENT LOCATION CHART

02/97

7000.0-7

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
H52 .. RIGHT REAR LOW RANGE SPEAKER .....	under rear window shelf	
H53 .. RIGHT REAR HIGH RANGE SPEAKER .....	under rear window shelf	
H54 .. RIGHT FRONT MIDRANGE SPEAKER .....	in upper RH front door	
H55 .. LEFT FRONT MIDRANGE SPEAKER .....	in upper LH front door	
H56 .. LEFT REAR HIGH RANGE SPEAKER .....	under rear window shelf	
H57 .. LEFT REAR LOW RANGE SPEAKER .....	under rear window shelf	
H58 .. LEFT FRONT LOW RANGE SPEAKER .....	behind LH footwell speaker grille	
H59 .. LEFT FRONT HIGH RANGE SPEAKER .....	in upper LH front door	
H90 .. LEFT TRUNK LIGHT .....	in LH forward side of luggage compartment	
H91 .. RIGHT TRUNK LIGHT .....	underside of trunk lid	
K2 .... HORN RELAY .....	in Front Power Distribution Box .....	11-1
K4 .... BLOWER RELAY .....	in Front Power Distribution Box .....	11-1
K8 .... AUXILIARY WATER PUMP RELAY .....	in Front Power Distribution Box .....	11-1
K1w .. STARTER IMMOBILIZATION RELAY .....	behind LH footwell speaker grille .....	34-1
K11 ... WIPER RELAY .....	in Rear Power Distribution Box .....	26-3
K13 ... REAR DEFOGGER RELAY .....	in Rear Power Distribution Box .....	26-3
K15 ... ELECTRIC POWER PROTECTION RELAY ..	in Rear Power Distribution Box .....	26-3
K16 ... HAZARD FLASHER RELAY .....	in Front Power Distribution Box .....	11-2
K19 ... COMPRESSOR CONTROL RELAY .....	in Front Power Distribution Box .....	10-3
K21 ... NORMAL SPEED RELAY .....	in LH auxiliary relay box, engine compartment .....	12-3
K22 ... HIGH SPEED RELAY .....	in LH auxiliary relay box, engine compartment .....	12-3

1995



## COMPONENT LOCATION CHART

02/97

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
K25 ...	RIGHT PARK LIGHT/LICENSE PLATE LIGHT RELAY .....	below LH side of dash near hood release lever	
K26 ...	LEFT PARK LIGHT RELAY .....	below LH side of dash near hood release lever	
K61 ...	UNLOADER RELAY, TERMINAL 61 .....	in Front Power Distribution Box .....	11-2
K67 ...	EDC RELAY .....	below RH side of rear seat	
K70w .	REAR LID/REAR WINDOW SERVO OPENING MODULE .....	RH side of luggage compartment .....	30-3
K87 ...	ELECTRIC STEERING COLUMN ADJUSTMENT RELAY .....	below LH side of dash	
K91 ...	ON-BOARD COMPUTER HORN RELAY ...	below LH side of rear seat .....	27-1
K94 ...	ENGINE CONTROL RELAY (ABS/ASC) ....	LH A-pillar behind trim panel .....	34-1
K95 ...	VALVE RELAY (ABS/ASC) .....	LH A-pillar behind trim panel .....	34-1
K6300	ENGINE CONTROL MODULE RELAY .....	in E-Box .....	15-2
K6301	CYL. 1-6 FUEL PUMP RELAY .....	in E-Box .....	15-1
K6301w	FUEL PUMP RELAY .....	in E-Box .....	15-2
K6303	OXYGEN SENSOR RELAY .....	in E-Box .....	15-1
K6303	OXYGEN SENSOR RELAY .....	in E-Box .....	15-2
K6304	SECONDARY AIR PUMP RELAY .....	in E-Box .....	15-2
M2 ...	FUEL PUMP .....	in RH side of luggage compartment .....	31-2
M3 ...	WIPER MOTOR .....	behind LH fresh air cowl .....	12-1
M4 ...	WASHER PUMP .....	front RH side of engine compartment	
M7 ...	HEADLIGHT/FOG LIGHT WASHER PUMP ..	front RH side of engine compartment near windshield washer reservoir	
M9 ...	AUXILIARY FAN MOTOR .....	behind front grille .....	16-1

7000.0-8

1995



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
M12 .. DRIVER'S DOOR LOCK MOTOR .....	driver's door .....	25-1
M13 .. PASSENGER'S DOOR LOCK MOTOR .....	passenger's door .....	25-3
M14 .. RIGHT REAR DOOR LOCK MOTOR .....	in lower RH rear door	
M15 .. LEFT REAR DOOR LOCK MOTOR .....	in lower LH rear door	
M16 .. GAS FILLER LOCK MOTOR .....	In RH side of luggage compartment .....	31-1
M17 .. TRUNK LOCK MOTOR .....	underside of trunk lid .....	29-2
M20 .. LEFT REAR WINDOW MOTOR .....	in lower LH rear door	
M21 .. DRIVER'S WINDOW MOTOR .....	driver's door .....	25-2
M22 .. RIGHT REAR WINDOW MOTOR .....	in lower RH rear door	
M23 .. PASSENGER'S WINDOW MOTOR .....	passenger's door .....	26-1
M24 .. SUNROOF MOTOR .....	center of windshield header near interior rear view mirror .....	21-3
M25 .. CRUISE CONTROL ACTUATOR (TEMPOMAT) .....	LH side of engine compartment .....	12-2
M30 .. BLOWER MOTOR .....	rear LH side of engine compartment .....	16-3
M36 .. FRESH AIR FLAP MOTOR .....	LH side of IHKR/F3 Plenum .....	19-2
M37a .. AUXILIARY WATER PUMP .....	rear LH side of engine compartment .....	11-3
M40 .. RECIRCULATION FLAP MOTOR .....	LH side of IHKR/F3 Plenum .....	19-2
M50 .. DRIVER'S SEAT CUSHION TILT MOTOR ...	underside of LH front seat .....	23-2
M51 .. DRIVER'S SEAT MOVEMENT MOTOR ....	underside of LH front seat .....	23-2
M52 .. DRIVER'S SEAT HEIGHT MOTOR .....	underside of LH front seat .....	23-2
M53 .. DRIVER'S SEATBACK RECLINER MOTOR ..	underside of LH front seat .....	23-2
M54 .. DRIVER'S HEADREST MOTOR .....	in driver's seatback .....	26-2

7000.0-9

1995



## COMPONENT LOCATION CHART

02/97

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
M55 ..	DRIVER'S SEAT LUMBAR SUPPORT MOTOR .....	under LH front seat	
M56 ..	PASSENGER'S SEAT LUMBAR SUPPORT MOTOR .....	under RH front seat	
M57 ..	PASSENGER'S SEAT HEADREST MOTOR .	in upper RH front seatback	
M58 ..	PASSENGER'S SEATBACK RECLINER MOTOR .....	under RH front seat	
M59 ..	PASSENGER'S SEAT HEIGHT MOTOR ....	under RH front seat	
M60 ..	PASSENGER'S SEAT MOVEMENT MOTOR	under RH front seat	
M61 ..	PASSENGER'S SEAT CUSHION TILT MOTOR .....	under RH front seat	
M63 ..	SECONDARY AIR PUMP .....	lower RH side of engine compartment front .....	32-1
M65 ..	DRIVER'S THIGH SUPPORT MOTOR .....	underside of LH front seat .....	23-2
M66 ..	PASSENGER'S THIGH SUPPORT MOTOR .	under RH front seat	
M82 ..	STEERING COLUMN LENGTH ADJUST MOTOR .....	bottom of steering column .....	17-3
M87 ..	MOTOR DRIVE I DOUBLE PANEL POWER SUNROOF .....	in roof panel	
M88 ..	MOTOR DRIVE II DOUBLE PANEL POWER SUNROOF .....	in roof panel .....	29-1
M93 ..	AUXILIARY THROTTLE POSITION MOTOR (ADS) .....	behind LH front fog light .....	06-1
M94 ..	REAR WINDOW WIPER MOTOR .....	rear of luggage compartment on lift gate behind trim panel	
M95 ..	REAR WINDOW WASHER PUMP .....	RH side of luggage compartment .....	31-3
M96 ..	REAR WINDOW MOTOR .....	rear of luggage compartment in lift gate .....	29-3

7000.0-10

1995

## COMPONENT LOCATION CHART

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
M97 .. LIFT GATE MOTOR .....	rear of luggage compartment in lift gate .....	29-3
M6506 E-BOX FAN .....	rear RH side of engine compartment in E-Box	
M6510 STARTER .....	LH side of engine compartment below intake manifold	
N1 ... ANTI-THEFT CONTROL MODULE (DWA) ..	below LH side of rear seat inside box on interior side of RH door sill .....	35-3
N3 ... DIMMER .....	LH side of dash	
N4 ... ON-BOARD COMPUTER .....	center of dash	
N6 ... HEADLIGHT/FOGLIGHT CLEANING MODULE (SRA) .....	in LH auxiliary relay box, engine compartment .....	12-3
N8 ... ANTENNA AMPLIFIER AM/FM .....	in upper LH C-pillar .....	28-3
N9 ... RADIO .....	center of dash .....	20-3
N10 .. MULTI-FUNCTION CLOCK .....	center of dash	
N12w . ANTI-THEFT CONTROL MODULE (ALPINE) .....	below RH side of rear seat	
N13y . REMOTE LOCKING RECEIVER .....	in interior rear view mirror	
N17 .. CRASH CONTROL MODULE .....	in Front Power Distribution Box .....	11-2
N22 .. CD CHANGER .....	in luggage compartment .....	30-2
N50 .. CLOCK .....	center of dash	
N404 .. DIVERSITY .....	in upper LH C-pillar .....	28-3
P90 ... FRONT POWER DISTRIBUTION BOX .....	rear LH side of engine compartment .....	01-1
P91 ... REAR POWER DISTRIBUTION BOX .....	below LH side of rear seat	
P92 ... AUXILIARY RELAY BOX .....	LH side of engine compartment .....	12-2
P93 ... E-BOX .....	rear RH side of engine compartment	



## COMPONENT LOCATION CHART

02/97

7000.0-12

1995

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
R5	HEADREST POTENTIOMETER	in driver's seatback	26-2
R6	SEAT HEIGHT POTENTIOMETER	underside of LH front seat	22-3
R7	SEATBACK POTENTIOMETER	underside of LH front seat	22-3
R8	SEAT CUSHION REAR HEIGHT POTENTIOMETER	underside of LH front seat	22-2
R9	SEAT CUSHION MOVEMENT POTENTIOMETER	underside of LH front seat	22-2
R11	BLOWER RESISTORS	LH side of IHKR/F3 Plenum	19-2
R21	LEFT REAR QUARTER WINDOW SWITCH (DWA)	in lower LH rear door	
R22	RIGHT REAR QUARTER WINDOW SWITCH (DWA)	in lower RH rear door	
R6240	RESISTOR	top center of engine	17-1
R6252	THROTTLE POSITION SENSOR	top front of engine compartment	13-1
R6253	AUXILIARY THROTTLE POSITION SENSOR	top front of engine compartment	13-1
R90001	BLOWER POTENTIOMETER	behind center console	
S2	IGNITION SWITCH	top of steering column behind steering wheel	
S3	AUTOMATIC TRANSMISSION RANGE SWITCH	front of gearshift selector	21-2
S4	HORN SWITCH	top of steering column	
S5	WIPER/WASHER SWITCH	top of steering column	
S6	ASC SWITCH	center console	
S7	COMBINATION SWITCH	top of steering column	
S8	LIGHT SWITCH	LH side of dash	



## COMPONENT LOCATION CHART

02/97

7000.0-13

1995

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
S9 ... LIGHT SWITCH .....	LH side of dash	
S10 ... FOG LIGHT SWITCH .....	LH side of dash	
S12 ... MEMORY MIRRORS CONTROL SWITCH ...	in upper LH front door	
S13 ... PASSENGER'S DOOR JAMB SWITCH .....	ahead of RH rear door .....	28-1
S14 ... DRIVER'S DOOR JAMB SWITCH .....	ahead of LH rear door .....	28-1
S15 ... REAR RIGHT DOOR JAMB SWITCH .....	rear RH door pillar .....	28-1
S16 ... LEFT REAR DOOR JAMB SWITCH .....	LH rear door jamb .....	28-1
S17 ... MIRROR CONTROL SWITCH .....	in upper LH front door	
S18 ... HAZARD SWITCH .....	center console below	
S20 ... RADIO ANTI-THEFT SWITCH (DWA) .....	center of dash	
S21w ... ENGINE HOOD SWITCH .....	back of LH side shock tower .....	11-2
S27 ... INERTIA SWITCH .....	below LH side of rear seat .....	27-1
S28 ... CRUISE CONTROL SWITCH .....	top of steering column behind steering wheel	
S30 ... BRAKE LIGHT SWITCH .....	on brake pedal .....	18-1
S31 ... PARK BRAKE SWITCH .....	below center of console	
S32 ... CLUTCH SWITCH .....	LH side of dash on clutch pedal support bracket .....	18-1
S36 ... TEMPERATURE SWITCH .....	RH top of radiator .....	15-3
S37 ... GLOVE BOX LIGHT SWITCH .....	LH side of glove box .....	21-1
S38 ... SUNROOF SWITCH .....	center of windshield header near interior rear view mirror .....	21-3
S39 ... SUNROOF POSITION SWITCH .....	center of windshield header near interior rear view mirror .....	21-3
S40 ... FRONT CONSOLE WINDOW SWITCH ASSEMBLY .....	center console	



## COMPONENT LOCATION CHART

02/97

7000.0-14

1995

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
S41 ...	LEFT REAR WINDOW SWITCH .....	in upper LH rear door	
S42 ...	RIGHT REAR WINDOW SWITCH .....	in upper RH rear door	
S43 ...	DRIVER'S WINDOW LIMIT SWITCH .....	in upper LH front door	
S44 ...	PASSENGER'S WINDOW LIMIT SWITCH ...	in upper RH front door	
S45 ...	LEFT REAR WINDOW LIMIT SWITCH .....	in upper LH rear door	
S46 ...	RIGHT REAR WINDOW LIMIT SWITCH .....	in upper RH rear door	
S47 ...	DRIVER'S DOOR LOCK SWITCH .....	LH front door behind door panel	
S48 ...	DRIVER'S DOOR HANDLE SWITCH .....	LH front door behind door panel	
S49 ...	PASSENGER'S DOOR LOCK SWITCH .....	RH front door	
S50 ...	DRIVER'S MEMORY SEAT ADJUSTMENT SWITCH .....	in rear of console	
S51 ...	DRIVER'S SEAT, SEAT CONTROL SWITCH .	in rear of console	
S52 ...	DRIVER'S SEAT LUMBAR SWITCH .....	in rear of console	
S53 ...	DRIVER'S SEAT, SEAT HEATER SWITCH ...	in rear of console	
S54 ...	PASSENGER'S SEAT, SEAT HEATER SWITCH .....	in rear of console	
S55 ...	PASSENGER'S SEAT LUMBAR SUPPORT SWITCH .....	in rear of console	
S56 ...	PASSENGER'S SEAT, SEAT CONTROL SWITCH .....	in rear of console	
S57 ...	MEMORY SEAT MIRRORS SWITCH .....	in rear of console	
S58 ...	DRIVER'S SEAT BELT SWITCH .....	in LH front seat belt buckle	
S59 ...	PASSENGER'S SEAT BELT SWITCH .....	in RH front seat belt buckle	



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
S61 ... TRUNK LID SWITCH .....	underside of trunk lid left	
S63 ... ENGINE COOLANT LEVEL SWITCH .....	top center of engine ahead of oil fill cap	
S64 ... WASHER FLUID LEVEL SWITCH .....	front RH side of engine compartment	
S75 ... BLOWER SWITCH .....	center of dash middle of heater control panel	
S77 ... DRIVER'S MAKEUP MIRROR SWITCH .....	above LH sun visor	
S78 ... PASSENGER'S MAKEUP MIRROR SWITCH .....	under roof center panel	
S92 ... BACK UP LIGHT SWITCH (MANUAL TRANSMISSION) .....	below center console	
S93 ... DRIVER'S THIGH SUPPORT SWITCH .....	LH front seat	
S94 ... PASSENGER'S THIGH SUPPORT SWITCH .....	RH front seat	
S99 ... PASSENGER'S WINDOW MONITORING SWITCH (DWA) .....	RH front door	
S100 . DRIVER'S WINDOW MONITORING SWITCH (DWA) .....	LH front door	
S101 . RIGHT REAR WINDOW MONITORING SWITCH (DWA) .....	in lower RH rear door	
S102 . LEFT REAR WINDOW MONITORING SWITCH (DWA) .....	in lower LH rear door	
S105 . EDC SWITCH .....	center console	
S119z STEERING COLUMN POSITION SWITCH ..	below LH side of dash	
S134w IHKR/F3 CONTROL PANEL .....	RH side of LH footwell	
S135w IHKR/F3 SWITCHING UNIT .....	RH side of LH footwell	
S147 . REAR WINDOW OPENING SWITCH .....	rear of luggage compartment on lift gate behind trim panel	
S167 . LIFT GATE LOCK SWITCH .....	rear of luggage compartment on lift gate	

7000.0-15

1995

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
S170 . REAR WINDOW LIMIT SWITCH .....	rear of luggage compartment on lift gate behind trim panel	
S171 . LIFT GATE LIMIT SWITCH .....	rear of luggage compartment on lift gate behind trim panel	
S172 . LIFT GATE SWITCH .....	right of lid lock assembly	
S176 . REAR WIPER/WASHER FLUID LEVEL SWITCH .....	RH side of luggage compartment .....	31-3
S198 . JET HEATER THERMOSWITCH .....	front LH side of engine compartment	
S8503 PROGRAM SWITCH .....	below center console	
S8507 KICK-DOWN SWITCH .....	behind gas pedal (530i/t) (540i)	
S8514 TRANSMISSION CONTROL PROGRAM SELECTION SWITCH (EGS) .....	below center of console front of gearshift selector	
S8522 SHIFT LOCK .....	center console	
S8524 REVERSING LIGHT SWITCH .....	on RH side of transmission .....	07-1
T6151 CYL. 1 IGNITION COIL .....	on cylinder head right (530i/t) (540i) .....	06-3
T6151 CYL. 1 IGNITION COIL .....	RH side of engine (525i/t) .....	14-2
T6152 CYL. 2 IGNITION COIL .....	on cylinder head right (530i/t) (540i) .....	06-3
T6152 CYL. 2 IGNITION COIL .....	RH side of engine (525i/t) .....	14-2
T6153 CYL. 3 IGNITION COIL .....	on cylinder head right (530i/t) (540i) .....	06-3
T6153 CYL. 3 IGNITION COIL .....	RH side of engine (525i/t) .....	14-2
T6154 CYL. 4 IGNITION COIL .....	on cylinder head right (530i/t) (540i) .....	06-3
T6154 CYL. 4 IGNITION COIL .....	RH side of engine (525i/t) .....	14-2
T6155 CYL. 5 IGNITION COIL .....	RH side of engine (525i/t) .....	14-2
T6155 CYL. 5 IGNITION COIL .....	on cylinder head left (530i/t) (540i)	



## COMPONENT LOCATION CHART

02/97

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
T6156	CYL. 6 IGNITION COIL .....	RH side of engine (525i/t) .....		14-2
T6156	CYL. 6 IGNITION COIL .....	on cylinder head left (530i/t) (540i)		
T6157	CYL. 7 IGNITION COIL .....	on cylinder head left (530i/t) (540i)		
T6158	CYL. 8 IGNITION COIL .....	on cylinder head left (530i/t) (540i)		
U4 ...	TELEPHONE HANDSET .....	below center console		
V4 ...	DAYTIME RUNNING LIGHTS CODING DIODE .....	behind LH side of dash center of windshield header		
V5 ...	DWA LED .....	center of dash .....	33-1	
X0 ...	B+ JUNCTION POINT .....	footwell, driver's side .....	01-3	
X2 ...	BATTERY B+ START POINT .....	rear LH side of engine compartment .....	01-1	
X3 ...	B+ JUNCTION POINT .....	rear LH side of engine compartment .....	01-1	
X12 ...	(35 PINS, BLACK) .....	rear LH side of engine compartment in Front Power Distribution Box .....		00-2
X13 ...	(21 PINS, WHITE) .....	behind LH footwell trim .....	19-1	01-3
X14 ...	(30 PINS, YELLOW) .....	behind LH footwell trim .....	19-1	00-4
X15 ...	(30 PINS, WHITE) .....	LH footwell .....	18-3	00-4
X16 ...	(26 PINS, NATURAL) .....	rear side of instrument cluster, A2w .....	20-2	01-1
X17 ...	(6 PINS, BROWN) .....	rear side of instrument cluster, A2w .....	20-2	01-4
X18 ...	(26 PINS, BLUE) .....	rear LH side of engine compartment in Front Power Distribution Box .....	01-1	
X19 ...	(26 PINS, GREEN) .....	rear LH side of engine compartment in Front Power Distribution Box .....	01-1	
X20 ...	(25 PINS, BLACK) .....	rear LH side of engine compartment .....	11-3	03-4
X20 ...	(25 PINS, BLACK) .....	rear LH side of engine compartment .....	06-2	
X22 ...	(26 PINS, BLUE) .....	behind LH footwell speaker grille .....	34-1	01-1

7000.0-17

1995



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X31 ... (15 PINS, BLACK) .....	LH side of engine compartment .....	13-3	
X32 ... (12 PINS, WHITE) .....	LH footwell .....	18-2	06-4
X33 ... (12 PINS, BLACK) .....	LH footwell .....	18-2	06-4
X34 ... (12 PINS, NATURAL) .....	LH footwell .....	18-3	06-4
X35 ... (21 PINS, BLACK) .....	LH footwell .....	18-3	01-3
X51 ... (10 PINS, BLACK) .....	rear LH side of engine compartment in Front Power Distribution Box .....	07-6	
X52 ... (9 PINS, BLACK) .....	in LH auxiliary relay box, engine compartment .....	02-3	
X53 ... (9 PINS, BLACK) .....	in LH auxiliary relay box, engine compartment .....	02-3	
X55 ... (9 PINS, BLACK) .....	behind LH footwell speaker grille .....	02-3	
X56 ... (10 PINS, BLACK) .....	rear LH side of engine compartment in Front Power Distribution Box .....	07-6	
X58 ... (9 PINS, BLACK) .....	rear LH side of engine compartment in Front Power Distribution Box .....	02-3	
X61 ... (9 PINS, BLACK) .....	in LH auxiliary relay box, engine compartment .....	12-3	02-3
X64 ... (9 PINS, BLACK) .....	rear LH side of engine compartment in Front Power Distribution Box .....	02-3	
X65 ... (9 PINS, BLACK) .....	rear LH side of engine compartment in Front Power Distribution Box .....	02-3	
X70 ... (8 PINS, BLACK) .....	LH side of engine compartment ahead of LH side shock tower .....	12-2	01-5
X72 ... (8 PINS, WHITE) .....	LH footwell .....	18-2	13-2
X74 ... (30 PINS, ORANGE) .....	LH footwell .....	35-1	13-5
X82 ... (3 PINS, BLACK) .....	front of engine compartment behind front grille .....	04-5	
X85 ... (3 PINS, BLACK) .....	LH side of engine compartment .....	04-3	
X87 ... (3 PINS, BLACK) .....	front RH side of engine compartment near windshield washer reservoir RH top of radiator .....	15-3	02-5
X91 ... (3 PINS, BLACK) .....	LEFT PARK LIGHT LEFT FRONT LIGHT ASSEMBLY .....	04-3	

7000.0-18

1995

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X92 . . (3 PINS, BLACK) . . . . .	RIGHT PARK LIGHT RIGHT FRONT LIGHT ASSEMBLY . . . . .		04-3
X105 . . (2 PINS, GRAY) . . . . .	on underside of engine hood LEFT WASHER JET HEATER		
X106 . . (2 PINS, GRAY) . . . . .	on underside of engine hood RIGHT WASHER JET HEATER		
X107 . . (2 PINS, GRAY) . . . . .	front RH side of engine compartment on washer fluid reservoir		
X109 . . (2 PINS, BLACK) . . . . .	front RH side of engine compartment on washer fluid reservoir		
X111 . . (2 PINS, BLACK) . . . . .	LH side of engine compartment . . . . .	13-3	
X112 . . (2 PINS, BLACK) . . . . .	top center of engine ahead of oil fill cap (with EML)		
X113 . . (2 PINS, NATURAL) . . . . .	near base of shock tower		
X114 . . (2 PINS, BLACK) . . . . .	LH side of engine compartment . . . . .	13-3	
X116 . . (4 PINS, BLACK) . . . . .	on brake pedal (530i/t) (540i) . . . . .	18-3	06-3
X118 . . (2 PINS, BLACK) . . . . .	behind LH front wheel . . . . .	09-1	
X121 . . (2 PINS, WHITE) . . . . .	LH side of dash on clutch pedal support bracket		
X122 . . (2 PINS, BLACK) . . . . .	rear LH side of engine compartment . . . . .	11-3	
X123 . . (2 PINS, GRAY) . . . . .	front RH side of engine compartment near windshield washer reservoir		
X126 . . (2 PINS, NATURAL) . . . . .	front RH side of engine compartment . . . . .	16-2	
X127 . . (2 PINS, BLACK) . . . . .	front RH side of engine compartment . . . . .	16-2	
X132 . . (2 PINS, BLACK) . . . . .	LEFT HORN		
X133 . . (2 PINS, BLACK) . . . . .	RIGHT HORN		
X138 . . (2 PINS, BLACK) . . . . .	HIGH LEVEL STOP LIGHT		
X147 . . (2 PINS, BLACK) . . . . .	REAR WIPER/WASHER FLUID LEVEL SWITCH		
X149 . . (8 PINS, BLACK) . . . . .	below rear seat		
X159 . . (10 PINS, BLACK) . . . . .	driver's door DRIVER'S SIDE MEMORY MIRROR . . . . .	25-2	09-1



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X160 . (10 PINS, BLACK) .....	passenger's door PASSENGER'S SIDE MEMORY MIRROR .....	25-3	
X163 . (3 PINS, BLACK) .....	front RH side of engine compartment on A/C compressor .....		02-5
X165 . GROUND .....	LH footwell .....	02-1	
X166 . GROUND .....	behind RH front fog light .....	34-3	
X166 . GROUND .....	front RH side of engine compartment (525i/t) .....	04-1	
X167 . GROUND .....	front LH side of engine compartment .....	03-2	
X168 . (1 PIN, BLACK) .....	underside of trunk lid		
X170 . GROUND .....	LH side of engine compartment .....	02-2	
X175 . GROUND .....	front LH side of engine compartment .....	03-2	
X179 . GROUND .....	behind RH front fog light .....	34-3	
X179 . GROUND .....	front RH side of engine compartment (525i/t) .....	04-1	
X251 . (30 PINS, BLACK) .....	LH footwell .....	18-3	13-1
X252 . (26 PINS, BLACK) .....	below LH side of rear seat .....	35-3	01-1
X253 . (26 PINS, GREEN) .....	below LH side of rear seat in Rear Power Distribution Box .....	35-2	01-1
X254 . (26 PINS, WHITE) .....	below LH side of rear seat in Rear Power Distribution Box .....	35-2	01-1
X255 . (26 PINS, YELLOW) .....	below LH side of rear seat in Rear Power Distribution Box .....	35-2	01-1
X256 . (26 PINS, BLACK) .....	ahead of RH front door .....	24-2	08-1
X257 . (26 PINS, BLACK) .....	in lower LH front door ahead of LH front door .....	24-2	08-1
X258 . (20 PINS, WHITE) .....	below LH side of rear seat .....	35-2	08-4
X259 . (20 PINS, BLACK) .....	below LH side of rear seat front of battery .....	35-2	08-4
X263 . (26 PINS, BLACK) .....	below RH side of rear seat		
X271 . (12 PINS, GRAY) .....	rear side of instrument cluster, A2w .....	20-2	08-2

7000.0-20

1995



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X272 . (12 PINS, BLACK) .....	below LH side of rear seat in Rear Power Distribution Box .....	06-4	
X273 . (12 PINS, BLACK) .....	ahead of LH rear door in wire grommet .....	24-3	10-3
X274 . (12 PINS, BLACK) .....	ahead of RH rear door in wire grommet .....	24-3	10-3
X275 . (12 PINS, BLACK) .....	underside of LH front seat .....	24-1	07-2
X279 . (12 PINS, WHITE) .....	under RH front seat .....	07-2	
X292 . (9 PINS, WHITE) .....	below LH side of rear seat in Rear Power Distribution Box .....	02-3	
X293 . (9 PINS, WHITE) .....	below LH side of rear seat in Rear Power Distribution Box .....	02-3	
X294 . (9 PINS, WHITE) .....	below LH side of rear seat in Rear Power Distribution Box .....	02-3	
X295 . (8 PINS, BLACK) .....	LH footwell .....	18-2	13-2
X311 . (3 PINS, BLACK) .....	underside of trunk lid .....	29-2	
X312 . (6 PINS, BLACK) .....	In RH side of luggage compartment .....	07-3	
X315 . (2 PINS, WHITE) .....	underside of trunk lid .....	29-2	
X316 . (6 PINS, WHITE) .....	FRONT CONSOLE WINDOW SWITCH ASSEMBLY .....	05-5	
X317 . (6 PINS, BLACK) .....	FRONT CONSOLE WINDOW SWITCH ASSEMBLY .....	05-4	
X318 . (4 PINS, BLACK) .....	In LH rear side of luggage compartment RIGHT REAR LIGHT ASSEMBLY .....	06-3	
X319 . (4 PINS, BLACK) .....	In LH rear side of luggage compartment LEFT REAR LIGHT ASSEMBLY .....	06-3	
X322 . (8 PINS, BLACK) .....	below LH side of rear seat in Rear Power Distribution Box .....	11-2	
X328 . (4 PINS, BLACK) .....	underside of trunk lid .....	29-2	06-3
X328 . (4 PINS, BLACK) .....	In lift gate (Touring) .....	29-3	06-3
X329 . (4 PINS, BLACK) .....	underside of trunk lid LEFT TRUNK LIGHT ASSEMBLY .....	06-3	
X331 . (5 PINS, BLACK) .....	below LH side of rear seat in Rear Power Distribution Box .....	35-3	02-4
X332 . (5 PINS, NATURAL) .....	below LH side of rear seat in Rear Power Distribution Box .....	35-2	03-2

7000.0-21

1995



## COMPONENT LOCATION CHART

02/97

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X333 .	(4 PINS, BLACK) .....	behind LH fresh air cowl .....	12-1	08-6
X335 .	(4 PINS, BLACK) .....	below LH side of rear seat in Rear Power Distribution Box .....	35-3	02-6
X336 .	(4 PINS, NATURAL) .....	center of windshield header near interior rear view mirror .....	21-3	06-5
X337 .	(4 PINS, NATURAL) .....	below LH side of rear seat .....	26-3	06-3
X342 .	(4 PINS, NATURAL) .....	RH side of dash above RH kick panel .....	18-2	06-3
X351 .	(2 PINS, BLACK) .....	ahead of RH rear door		
X352 .	(2 PINS, BLACK) .....	ahead of LH rear door		
X353 .	(2 PINS, BLACK) .....	front LH door pillar		
X354 .	(2 PINS, BLACK) .....	LH rear door jamb		
X355 .	(4 PINS, WHITE) .....	in upper RH C-pillar .....		05-2
X356 .	(4 PINS, BLACK) .....	in lower RH C-pillar .....	28-3	11-6
X371 .	(2 PINS, BLACK) .....	LH side of windshield header above LH visor		
X372 .	(2 PINS, GRAY) .....	rear RH side of engine compartment		
X376 .	(2 PINS, WHITE) .....	below LH side of rear seat .....		27-1
X377 .	(2 PINS, WHITE) .....	below RH side of rear seat .....		27-2
X379 .	(1 PIN, BLACK) .....	in upper LH C-pillar .....		28-3
X380 .	(1 PIN, BROWN) .....	in upper RH C-pillar .....		28-2
X381 .	(2 PINS, BLACK) .....	DRIVER'S MAKEUP MIRROR LIGHT		
X382 .	(2 PINS, BLACK) .....	PASSENGER'S MAKEUP MIRROR LIGHT		
X383 .	(2 PINS, YELLOW) .....	under rear of car near differential .....		09-3
X388 .	(2 PINS, BLACK) .....	below LH side of rear seat		
X389 .	(2 PINS, BLACK) .....	LEFT FRONT AUXILIARY TURN LIGHT		

7000.0-22

1995

## COMPONENT LOCATION CHART

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X390 . (2 PINS, BLACK) .....	RIGHT FRONT AUXILIARY TURN LIGHT		
X400 . (8 PINS, BLACK) .....	in LH forward side of luggage compartment .....	11-2	
X401 . (1 PIN, BLACK) .....	DRIVER'S MAKEUP MIRROR SWITCH		
X402 . (1 PIN, BLACK) .....	PASSENGER'S MAKEUP MIRROR SWITCH		
X405 . (3 PINS, BLACK) .....	LH side of engine compartment		
X406 . (3 PINS, BLACK) .....	RH side of engine compartment		
X407 . (3 PINS, BLACK) .....	under LH rear of car		
X408 . (3 PINS, BLACK) .....	under RH rear of car		
X411 . (2 PINS, ---) .....	LEFT REAR SIDE MARKER LIGHT		
X412 . (2 PINS, ---) .....	RIGHT REAR SIDE MARKER LIGHT		
X416 . (1 PIN, BLACK) .....	above LH sun visor		
X417 . (1 PIN, BLACK) .....	under roof center panel		
X423 . (1 PIN, ---) .....	below center of console PARK BRAKE SWITCH		
X424 . (1 PIN, BROWN) .....	in upper LH C-pillar .....	28-3	
X490 . GROUND .....	LH footwell .....	02-1	
X491 . GROUND .....	LH footwell .....	02-1	
X492 . GROUND .....	below LH side of rear seat .....	04-3	
X493 . GROUND .....	below LH side of rear seat .....	04-3	
X495 . GROUND .....	underside of RH rear seat .....	04-2	
X496 . GROUND .....	underside of RH rear seat .....	04-2	
X501 . (26 PINS, GREEN) .....	center of dash ON-BOARD COMPUTER .....	01-1	
X502 . (26 PINS, BLACK) .....	rear side of instrument cluster, A2w .....	20-2	01-1

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X503 . (12 PINS, BLACK) .....	LH side of dash .....		05-6
X504 . (12 PINS, BLACK) .....	FOG LIGHT SWITCH .....		05-6
X506 . (12 PINS, BLACK) .....	front of gearshift selector .....	21-2	06-4
X509 . (9 PINS, WHITE) .....	below LH side of dash near hood release lever .....		02-3
X510 . (9 PINS, WHITE) .....	below LH side of dash near hood release lever .....		02-3
X511 . (8 PINS, BLACK) .....	front of gearshift selector .....	21-2	03-1
X512 . (8 PINS, BLACK) .....	behind center of dashboard .....		03-1
X514 . (6 PINS, BLUE) .....	center of dash DWA LED .....	33-1	04-1
X516 . (5 PINS, BLACK) .....	center of console HAZARD SWITCH .....		06-2
X517 . (4 PINS, BLACK) .....	DIMMER .....		06-3
X518 . (4 PINS, BLACK) .....	LH footwell .....	17-2	06-3
X521 . (6 PINS, BLACK) .....	ASC SWITCH .....		10-2
X522 . (3 PINS, WHITE) .....	LH footwell .....	17-2	05-2
X523 . (6 PINS, BLACK) .....	behind LH side of dash center of windshield header .....		09-2
X526 . (8 PINS, BLACK) .....	LH footwell .....	17-2	13-2
X529 . (6 PINS, GREEN) .....	center console EDC SWITCH .....		10-2
X531 . (2 PINS, WHITE) .....	FRONT CIGAR LIGHTER		
X532 . (2 PINS, NATURAL) .....	FRONT CIGAR LIGHTER LIGHT		
X537 . (1 PIN, NATURAL) .....	in upper LH front door		
X538 . (1 PIN, NATURAL) .....	in upper RH front door		
X539 . (2 PINS, BLACK) .....	center of dash		
X540 . (2 PINS, BLACK) .....	GLOVE BOX LIGHT SWITCH		



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X541 . (1 PIN, ---) .....	GLOVE BOX LIGHT		
X542 . (2 PINS, BLACK) .....	LH side of glove box CHARGING SOCKET		
X546 . (2 PINS, WHITE) .....	below center of console LH side of gearshift selector		
X547 . (2 PINS, BLACK) .....	behind center of dashboard RADIO		
X552 . (1 PIN, ---) .....	below LH side of dash		
X603 . (12 PINS, BLACK) .....	DRIVER'S SEAT, SEAT CONTROL SWITCH .....	06-6	
X604 . (12 PINS, BLACK) .....	PASSENGER'S SEAT, SEAT CONTROL SWITCH .....	06-6	
X605 . (26 PINS, BLACK) .....	in LH rear side of luggage compartment .....	30-1	10-4
X605 . (26 PINS, BLACK) .....	in LH rear side of luggage compartment (Touring) .....	30-2	10-4
X606 . (26 PINS, WHITE) .....	In LH rear side of luggage compartment .....	30-1	10-4
X606 . (26 PINS, WHITE) .....	In LH rear side of luggage compartment (Touring) .....	30-2	10-4
X607 . (20 PINS, WHITE) .....	RH side of RH footwell behind RH footwell kickpanel .....	08-4	
X621 . (10 PINS, BLACK) .....	ahead of RH front door .....	24-2	09-1
X622 . (10 PINS, BLACK) .....	ahead of RH front door .....	24-2	09-1
X623 . (4 PINS, BLACK) .....	driver's door DRIVER'S SIDE MIRROR .....	25-2	11-6
X624 . (4 PINS, BLACK) .....	passenger's door PASSENGER'S SIDE MIRROR .....	25-3	11-6
X625 . (6 PINS, BLACK) .....	driver's door MIRROR CONTROL SWITCH .....	25-2	05-3
X626 . (8 PINS, BLACK) .....	underside of LH front seat .....	22-2	11-2
X627 . (8 PINS, BLACK) .....	center of windshield header near interior rear view mirror .....	21-3	03-1
X632 . (9 PINS, BLACK) .....	below LH side of rear seat in Rear Power Distribution Box .....	02-3	
X638 . (6 PINS, BLACK) .....	in RH side of luggage compartment .....	31-2	09-4
X641 . (6 PINS, BLACK) .....	passenger's door PASSENGER'S DOOR LOCK MOTOR .....	26-1	09-4

7000.0-25

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## COMPONENT LOCATION CHART

02/97

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X642 .	(8 PINS, BLACK) .....	below RH side of rear seat .....		04-4
X643 .	(6 PINS, BLUE) .....	SUNROOF SWITCH .....	21-3	08-3
X644 .	(6 PINS, WHITE) .....	in LH rear door LEFT REAR DOOR LOCK MOTOR .....		09-4
X645 .	(6 PINS, BLACK) .....	LEFT REAR WINDOW SWITCH .....		07-3
X646 .	(6 PINS, WHITE) .....	in lower RH rear door RIGHT REAR DOOR LOCK MOTOR .....		09-4
X647 .	(6 PINS, BLACK) .....	RIGHT REAR WINDOW SWITCH .....		07-3
X648 .	(10 PINS, BLACK) .....	under driver's seat .....		07-3
X650 .	(6 PINS, BLACK) .....	MEMORY SEAT MIRRORS SWITCH .....		07-3
X651 .	(6 PINS, BLACK) .....	DRIVER'S SEAT, SEAT HEATER SWITCH .....		07-3
X652 .	(6 PINS, BLUE) .....	DRIVER'S SEAT LUMBAR SWITCH .....		08-3
X658 .	(6 PINS, BLACK) .....	PASSENGER'S SEAT, SEAT HEATER SWITCH .....		07-3
X659 .	(6 PINS, BLACK) .....	PASSENGER'S SEAT LUMBAR SUPPORT SWITCH .....		07-3
X660 .	(6 PINS, BLACK) .....	driver's door DRIVER'S DOOR LOCK MOTOR .....	25-1	09-4
X662 .	(6 PINS, BLACK) .....	LH side of IHKR/F3 Plenum .....	25-1	09-4
X663 .	(6 PINS, BLACK) .....	LH side of IHKR/F3 Plenum .....	25-1	09-4
X673 .	(2 PINS, BLACK) .....	below LH side of rear seat .....		
X674 .	(2 PINS, BLACK) .....	below RH side of rear seat .....		
X680 .	(3 PINS, BLACK) .....	underside of LH front seat .....	22-3	05-2
X685 .	(3 PINS, BLACK) .....	in upper LH front door near door handle .....		02-5
X686 .	(3 PINS, BLUE) .....	In lower LH front seatback .....		07-1
X687 .	(3 PINS, BLACK) .....	SEAT CUSHION REAR HEIGHT POTENTIOMETER .....		07-1
X688 .	(3 PINS, BLUE) .....	in lower LH front seatback .....		07-1

7000.0-26

1995



## COMPONENT LOCATION CHART

02/97

7000.0-27

1995

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
X689 . (3 PINS, BLUE) .....	in lower LH front seatback HEADREST POTENTIOMETER .....	07-1
X690 . (3 PINS, BLUE) .....	in lower LH front seatback SEATBACK POTENTIOMETER .....	07-1
X692 . (3 PINS, BLACK) .....	center of dash (radio removed) .....	03-3
X696 . (3 PINS, BLACK) .....	under RH rear of car RH side of differential WHEEL CAMBER CONTROL MODULE	07-5
X700 . (1 PIN, ---) .....	behind RH footwell speaker grille	
X701 . (1 PIN, ---) .....	behind LH footwell speaker grille	
X705 . (2 PINS, BLACK) .....	near RH rear wheel well .....	09-2
X709 . (2 PINS, BLACK) .....	LEFT LICENSE PLATE LIGHT	
X710 . (2 PINS, BLACK) .....	RIGHT LICENSE PLATE LIGHT	
X711 . (2 PINS, BLACK) .....	underside of trunk lid left	
X712 . (1 PIN, ---) .....	TRUNK COMPARTMENT LIGHT	
X714 . (2 PINS, GRAY) .....	in lower LH rear door LEFT REAR WINDOW MOTOR	
X715 . (2 PINS, ---) .....	in upper LH rear door LEFT REAR WINDOW LIMIT SWITCH	
X720 . (2 PINS, GRAY) .....	in lower LH rear door RIGHT REAR WINDOW MOTOR	
X721 . (2 PINS, ---) .....	In upper RH rear door RIGHT REAR WINDOW LIMIT SWITCH	
X726 . (2 PINS, BLACK) .....	underside of LH front seat DRIVER'S SEAT MOVEMENT MOTOR .....	24-1
X727 . (2 PINS, WHITE) .....	underside of LH front seat DRIVER'S SEAT CUSHION TILT MOTOR .....	23-1
X728 . (2 PINS, WHITE) .....	underside of LH front seat DRIVER'S SEAT HEIGHT MOTOR .....	24-1
X729 . (2 PINS, BLACK) .....	underside of LH front seat DRIVER'S SEATBACK RECLINER MOTOR .....	24-1
X730 . (2 PINS, ---) .....	in upper LH front seatback	
X731 . (2 PINS, WHITE) .....	in upper LH front seatback DRIVER'S HEADREST MOTOR	
X732 . (2 PINS, WHITE) .....	In upper LH front seatback	



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
X733 . (2 PINS, BLACK) .....	in lower LH front seatback	
X734 . (2 PINS, BLACK) .....	under RH front seat PASSENGER'S SEAT MOVEMENT MOTOR	
X735 . (2 PINS, WHITE) .....	underside of LH front seat PASSENGER'S SEAT CUSHION TILT MOTOR .....	23-1
X736 . (2 PINS, BLACK) .....	under RH front seat PASSENGER'S SEATBACK RECLINER MOTOR	
X737 . (2 PINS, WHITE) .....	under RH front seat PASSENGER'S SEAT HEIGHT MOTOR	
X738 . (2 PINS, ---) .....	In upper RH front seatback PASSENGER'S SEAT HEADREST MOTOR	
X739 . (2 PINS, YELLOW) .....	under RH front seat	
X740 . (2 PINS, WHITE) .....	underside of LH front seat .....	23-3
X741 . (2 PINS, WHITE) .....	underside of rear seat	
X742 . (2 PINS, YELLOW) .....	passenger's door .....	25-3
X743 . (2 PINS, BLACK) .....	passenger's door PASSENGER'S WINDOW LIMIT SWITCH .....	26-1
X744 . (2 PINS, GRAY) .....	passenger's door PASSENGER'S WINDOW MOTOR .....	25-3
X746 . (1 PIN, ---) .....	in upper RH front door	
X747 . (2 PINS, YELLOW) .....	driver's door .....	25-1
X749 . (2 PINS, GRAY) .....	driver's door DRIVER'S WINDOW MOTOR .....	25-2
X750 . (2 PINS, ---) .....	driver's door DRIVER'S WINDOW LIMIT SWITCH .....	25-2
X751 . (2 PINS, WHITE) .....	driver's door DOOR LOCK HEATER .....	25-1
X752 . (2 PINS, GRAY) .....	driver's door .....	25-1
X753 . (1 PIN, ---) .....	in upper LH front door	
X760 . (1 PIN, ---) .....	under rear window shelf	
X761 . (1 PIN, ---) .....	under rear window shelf	
X762 . (1 PIN, ---) .....	under rear window shelf	

7000.0-28

1995



## COMPONENT LOCATION CHART

02/97

7000.0-29

1995

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
X763 . (1 PIN, ---) .....	under rear window shelf	
X764 . (2 PINS, WHITE) .....	in RH side of luggage compartment	
X765 . (2 PINS, WHITE) .....	in RH side of luggage compartment	
X766 . (2 PINS, ---) .....	near LH headlight assembly LEFT FRONT MARKER LIGHT	
X767 . (2 PINS, ---) .....	near RH headlight assembly RIGHT FRONT MARKER LIGHT	
X770 . (2 PINS, WHITE) .....	under LH front bumper .....	10-2
X771 . (2 PINS, BLACK) .....	below LH side of dash	
X772 . (2 PINS, WHITE) .....	RH side of LH footwell	
X773 . (2 PINS, WHITE) .....	RH side of dash	
X774 . (1 PIN, GRAY) .....	near LH headlight assembly	
X778 . (3 PINS, BLACK) .....	underside of LH front seat DRIVER'S SEAT BELT SWITCH .....	23-1
X779 . CHARGING SOCKET .....	LH side of glove box .....	21-1
X782 . (3 PINS, ORANGE) .....	PASSENGER'S AIR BAG GAS GENERATOR .....	12-2
X800 . (2 PINS, WHITE) .....	behind LH footwell trim	
X802 . (2 PINS, BLACK) .....	front LH side of engine compartment JET HEATER THERMOSWITCH	
X814 . GROUND .....	behind RH front fog light .....	34-3
X816 . (1 PIN, BLACK) .....	between front footwells	
X817 . (1 PIN, BLACK) .....	between front footwells	
X818 . GROUND .....	LH footwell .....	02-1
X862 . GROUND .....	below RH side of rear seat .....	04-2
X880 . (6 PINS, WHITE) .....	DRIVER'S THIGH SUPPORT SWITCH .....	07-4
X881 . (6 PINS, WHITE) .....	PASSENGER'S THIGH SUPPORT SWITCH .....	07-4



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X882 . (2 PINS, BLACK) .....	underside of LH front seat DRIVER'S THIGH SUPPORT MOTOR .....	24-1	
X883 . (2 PINS, BLACK) .....	under RH front seat PASSENGER'S THIGH SUPPORT MOTOR		
X884 . (3 PINS, BLUE) .....	in upper RH front seatback .....	07-1	
X885 . (3 PINS, BLACK) .....	underside of LH front seat .....		09-5
X890 . (2 PINS, BLACK) .....	behind LH front fog light (530i/t) (540i)		
X904 . (4 PINS, BLACK) .....	LH side of RH footwell .....		06-3
X905 . (5 PINS, BLACK) .....	center of dash middle of heater control panel .....		09-3
X912 . (2 PINS, ---) .....	LEFT REAR WINDOW MONITORING SWITCH (DWA)		
X945 . (10 PINS, BLACK) .....	in RH side of luggage compartment .....		09-1
X998 . (4 PINS, BLACK) .....	below LH side of dash .....		06-5
X999 . (4 PINS, BLACK) .....	below LH side of dash .....		06-3
X1021 (9 PINS, BLACK) .....	rear LH side of engine compartment in Front Power Distribution Box .....		02-3
X1098 (12 PINS, BLACK) .....	front of engine compartment .....		05-6
X1124 (2 PINS, BLACK) .....	lower RH side of engine compartment front .....		32-1
X1127 (1 PIN, ---) .....	center console		
X1132 (1 PIN, WHITE) .....	WIPER/WASHER SWITCH .....		18-3
X1160 GROUND .....	LH footwell .....		02-1
X1171 (88 PINS, NATURAL) .....	rear RH side of engine compartment in E-Box .....		32-3
X1176 (15 PINS, NATURAL) .....	LH side of engine compartment .....		12-3
X1191 (4 PINS, BLACK) .....	rear of luggage compartment behind trim panel .....		06-3
X1193 (1 PIN, ---) .....	center console TRANSMISSION POSITION INDICATOR LIGHT		
X1221 (26 PINS, WHITE) .....	below LH side of rear seat in Rear Power Distribution Box .....	35-3	10-4

7000.0-30

1995



## COMPONENT LOCATION CHART

02/97

7000.0-31

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X1222 (6 PINS, WHITE) .....	in LH forward side of luggage compartment .....	34-2	04-1
X1250 (10 PINS, BLACK) .....	RH side of luggage compartment behind side panel REAR LID/REAR WINDOW SERVO OPENING MODULE .....	30-3	07-6
X1251 (2 PINS, BLACK) .....	in lift gate behind trim panel REAR WINDOW MOTOR .....	29-3	
X1252 (2 PINS, BLACK) .....	in lift gate behind trim panel LIFT GATE MOTOR .....	29-3	
X1253 (2 PINS, BLACK) .....	rear of luggage compartment on lift gate behind trim panel REAR WINDOW LIMIT SWITCH		
X1254 (2 PINS, BLACK) .....	rear of luggage compartment on lift gate behind trim panel LIFT GATE LIMIT SWITCH		
X1255 (2 PINS, BLUE) .....	In E-Box .....	05-1	
X1374 (1 PIN, NATURAL) .....	GLOVE BOX LIGHT		
X1381 (1 PIN, ---) .....	behind LH footwell speaker grille		
X1404 (3 PINS, NATURAL) .....	TELEPHONE INTERFACE US		
X1441 GROUND .....	underside of rear seat .....	35-1	
X1659 (15 PINS, YELLOW) .....	LH footwell left .....	33-3	12-3
X1660 (3 PINS, BLACK) .....	LH footwell left .....	33-3	05-2
X1851 (1 PIN, BLACK) .....	at back of rear window shelf HIGH LEVEL STOP LIGHT		
X1852 (1 PIN, WHITE) .....	at back of rear window shelf HIGH LEVEL STOP LIGHT		
X3212 (4 PINS, BLACK) .....	LH footwell .....	17-2	03-3
X6000 (88 PINS, BLACK) .....	In E-Box .....	32-3	12-1
X6002 (20 PINS, BLACK) .....	near E-Box left (530i/t) (540i) .....	05-2	04-6
X6003 (8 PINS, BLACK) .....	In E-Box .....		03-1
X6030 (18 PINS, BLACK) .....	In E-Box (530i/t) (540i) .....	05-1	01-2

1995



## COMPONENT LOCATION CHART

02/97

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
X6053	(12 PINS, BLACK) .....	RH side of dash behind glove box .....	02-1
X6081	(1 PIN, WHITE) .....	in E-Box	
X6101	(2 PINS, BLACK) .....	cylinder head (525i/t)	
X6101	(2 PINS, BLACK) .....	RH cylinder head (530i/t) (540i)	
X6102	(2 PINS, BLACK) .....	cylinder head (525i/t)	
X6102	(2 PINS, BLACK) .....	RH cylinder head (530i/t) (540i)	
X6103	(2 PINS, BLACK) .....	cylinder head (525i/t)	
X6103	(2 PINS, BLACK) .....	RH cylinder head (530i/t) (540i)	
X6104	(2 PINS, BLACK) .....	cylinder head (525i/t)	
X6104	(2 PINS, BLACK) .....	RH cylinder head (530i/t) (540i)	
X6105	(2 PINS, BLACK) .....	cylinder head (525i/t)	
X6105	(2 PINS, BLACK) .....	LH cylinder head (530i/t) (540i)	
X6106	(2 PINS, BLACK) .....	cylinder head (525i/t)	
X6106	(2 PINS, BLACK) .....	LH cylinder head (530i/t) (540i)	
X6107	(2 PINS, BLACK) .....	LH cylinder head (530i/t) (540i)	
X6108	(2 PINS, BLACK) .....	LH cylinder head (530i/t) (540i)	
X6120	(2 PINS, BLACK) .....	LH side of engine	
X6130	(3 PINS, GRAY) .....	front of engine .....	03-5
X6151	(3 PINS, BLACK) .....	RH cylinder head (530i/t) (540i) .....	08-5
X6151	(3 PINS, GRAY) .....	RH side of engine (525i/t) .....	08-5
X6152	(3 PINS, BLACK) .....	RH cylinder head (530i/t) (540i) .....	08-5
X6152	(3 PINS, GRAY) .....	RH side of engine (525i/t) .....	08-5

7000.0-32

1995



## COMPONENT LOCATION CHART

02/97

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X6153	(3 PINS, BLACK) .....	RH cylinder head (530i/t) (540i) .....		08-5
X6153	(3 PINS, GRAY) .....	RH side of engine (525i/t) .....		08-5
X6154	(3 PINS, BLACK) .....	RH cylinder head (530i/t) (540i) .....		08-5
X6154	(3 PINS, GRAY) .....	RH side of engine (525i/t) .....		08-5
X6155	(3 PINS, BLACK) .....	LH cylinder head (530i/t) (540i) .....		08-5
X6155	(3 PINS, GRAY) .....	RH side of engine (525i/t) .....		08-5
X6156	(3 PINS, BLACK) .....	LH cylinder head (530i/t) (540i) .....		08-5
X6156	(3 PINS, GRAY) .....	RH side of engine (525i/t) .....		08-5
X6157	(3 PINS, BLACK) .....	LH cylinder head (530i/t) (540i) .....		08-5
X6158	(3 PINS, BLACK) .....	LH cylinder head (530i/t) (540i) .....		08-5
X6163	(2 PINS, BLACK) .....	near throttle body .....		32-2
X6200	(4 PINS, BLACK) .....	LH side of engine HEATED OXYGEN SENSOR .....		11-5
X6203	(3 PINS, BLACK) .....	RH front of engine below CRANKSHAFT POSITION/RPM SENSOR .....	06-3	03-5
X6204	(3 PINS, BLACK) .....	LH side of engine (530i/t) (540i) .....		03-5
X6205	(2 PINS, BLACK) .....	front of engine on coolant inlet		
X6206	(7 PINS, BLACK) .....	front LH side of engine compartment ahead of LH side shock tower .....		11-4
X6208	(2 PINS, BLACK) .....	front of engine CAMSHAFT ACTUATOR		
X6209	(3 PINS, BLACK) .....	front of engine HALL EFFECT CAMSHAFT SENSOR		
X6210	(4 PINS, BLACK) .....	under transmission (530i/t) (540i) .....	07-2	03-6
X6215	(2 PINS, BLACK) .....	top front of engine compartment (530i/t) (540i)		
X6217	(4 PINS, GRAY) .....	top front of engine .....		09-6
X6220	(4 PINS, BLACK) .....	under transmission (530i/t) (540i) .....	07-2	03-6

7000.0-33

1995



## COMPONENT LOCATION CHART

02/97

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X6230	(3 PINS, BLACK) .....	LH side of engine OIL LEVEL SENSOR .....		03-5
X6231	(2 PINS, BLACK) .....	front of engine compartment below intake manifold (525i/t)		
X6231	(2 PINS, BLACK) .....	lower LH front of engine (530i/t) (540i)		
X6232	(2 PINS, BLACK) .....	front of engine on coolant inlet		
X6235	(2 PINS, BLACK) .....	rear RH side of engine compartment in E-Box		
X6236	(2 PINS, BLACK) .....	top rear of engine on coolant inlet		
X6241	(3 PINS, BLACK) .....	on cylinder head right (525i/t) .....		03-5
X6241	(2 PINS, BLACK) .....	top front of engine (530i/t) (540i) .....		06-2
X6242	(3 PINS, BLACK) .....	on cylinder head right (525i/t) .....		03-5
X6242	(2 PINS, BLACK) .....	top front of engine (530i/t) (540i) .....		06-2
X6243	(3 PINS, BLACK) .....	LH cylinder head (530i/t) (540i) .....		08-2 03-5
X6244	(3 PINS, BLACK) .....	LH cylinder head (530i/t) (540i) .....		08-2 03-5
X6252	(3 PINS, BLACK) .....	THROTTLE POSITION SENSOR (525i/t) .....		06-1 03-5
X6252	(3 PINS, BLACK) .....	top front of engine compartment (530i/t) (540i) .....		03-5
X6253	(3 PINS, BLACK) .....	top front of engine compartment (530i/t) (540i) .....		03-5
X6300	(9 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....		02-3
X6301	(9 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....		02-3
X6302	(9 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....		02-3
X6303	(9 PINS, BLACK) .....	in E-Box (530i/t) (540i) .....		02-3
X6304	(3 PINS, BLACK) .....	LH side of engine (530i/t)		
X6400	B+ JUNCTION POINT .....	in E-Box .....	01-2	
X6400	B+ JUNCTION POINT .....	in E-Box .....		15-1

7000.0-34

1995



## COMPONENT LOCATION CHART

02/97

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X6452	GROUND .....	near E-Box left (530i/t) (540i) .....		03-3
X6453	GROUND .....	near E-Box left (530i/t) (540i) .....		03-3
X6454	GROUND .....	rear RH side of engine compartment (525i/t) .....		03-1
X6455	GROUND .....	rear RH side of engine compartment (525i/t) .....		03-1
X6456	GROUND .....	front of engine (525i/t) .....		02-3
X6506	(4 PINS, BLACK) .....	In E-Box .....	05-1	06-3
X6509	(1 PIN, ---) .....	GENERATOR		
X6510	CABLE SOCKET STARTER TERMINAL 50 ..	STARTER		
X6511	CABLE SOCKET STARTER TERMINAL 30h ..	STARTER		
X6512	CABLE SOCKET STARTER TERMINAL 30h ..	STARTER		
X7509	(1 PIN, ---) .....	GENERATOR		
X7519	(1 PIN, ---) .....	GENERATOR		
X8074	(10 PINS, BLACK) .....	CD CHANGER .....		08-2
X8075	(10 PINS, BLACK) .....	RADIO .....		08-2
X8500	(88 PINS, BLACK) .....	In E-Box .....	32-3	00-1
X8500	(55 PINS, BLACK) .....	behind RH footwell kickpanel (Touring)		
X8503	(6 PINS, BLUE) .....	below center console PROGRAM SWITCH .....		08-3
X8505	(16 PINS, BLACK) .....	under transmission (530i/t) (540i) .....		07-3
X8505	(9 PINS, BLACK) .....	on LH side of transmission (525i/t)		
X8507	(1 PIN, BLACK) .....	rear RH side of engine compartment		
X8508	GROUND .....	underside of RH rear seat .....		04-2
X8513	(2 PINS, BLACK) .....	below center console		

7000.0-35

1995



## COMPONENT LOCATION CHART

02/97

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X8516	(2 PINS, BLACK) .....	under center of car on transmission		
X8522	(2 PINS, BLACK) .....	center console (530i/t) (540i)		
X8524	(2 PINS, BLACK) .....	on RH side of transmission REVERSING LIGHT SWITCH		
X8600	(88 PINS, BLACK) .....	in E-Box (530i/t) (540i) .....	32-3	12-1
X10068	(2 PINS, NATURAL) .....	LEFT FOG LIGHT		
X10069	(2 PINS, NATURAL) .....	RIGHT FOG LIGHT		
X10070	(2 PINS, NATURAL) .....	LEFT LOW BEAM LIGHT		
X10071	(2 PINS, NATURAL) .....	LEFT HIGH BEAM LIGHT		
X10074	(2 PINS, NATURAL) .....	RIGHT HIGH BEAM LIGHT		
X10075	(2 PINS, NATURAL) .....	RIGHT LOW BEAM LIGHT		
X10094	(2 PINS, BLACK) .....	behind LH front fog light .....	06-1	
X10104	(18 PINS, NATURAL) .....	in E-Box .....	05-1	11-3
X10105	(4 PINS, NATURAL) .....	in E-Box .....	05-1	06-3
X10195	(2 PINS, BLACK) .....	DRIVER'S AIR BAG GAS GENERATOR		
X10218	(4 PINS, ---) .....	RH front seat SEAT OCCUPANCY DETECTOR .....		06-3
X10238	(2 PINS, BLACK) .....	THROTTLE FLAP HEATER .....		06-1
X10244	(1 PIN, ---) .....	ANTI-THEFT CONTROL MODULE (ALPINE)		
X10260	(3 PINS, WHITE) .....	RH side of steering column .....	33-2	05-2
X13025	(12 PINS, BLACK) .....	below RH side of rear seat .....		27-2
X13057	(3 PINS, BLACK) .....	rear of luggage compartment on lift gate behind trim panel .....		05-2
X13058	(2 PINS, GREEN) .....	RH side of luggage compartment behind side panel		
X13059	(3 PINS, BLACK) .....	REAR WINDOW OPENING SWITCH .....		05-2

7000-0-36

1995



## COMPONENT LOCATION CHART

02/97

7000.0-37

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X13085 (10 PINS, BLACK) .....	in roof panel .....	29-1	09-1
X13086 (18 PINS, BLACK) .....	in roof panel .....	29-1	11-3
X13105 (3 PINS, BLACK) .....	below LH side of dash .....		03-3
X13106 (9 PINS, BLACK) .....	RH side of luggage compartment behind side panel .....	30-3	02-3
X13107 (2 PINS, WHITE) .....	in lift gate .....	29-3	
X13119 (12 PINS, WHITE) .....	below LH side of dash .....		06-4
X13120 (1 PIN, BLACK) .....	in LH rear side of luggage compartment behind trim panel		
X13139 (10 PINS, BLACK) .....	in interior rear view mirror .....		09-1
X18025 (4 PINS, BLACK) .....	LH side of engine compartment .....		05-1
X18029 (4 PINS, BLACK) .....	STEERING ANGLE SENDER		
X18031 (3 PINS, BLACK) .....	RIGHT FRONT ACCELERATION SENSOR		
X18047 (2 PINS, ---) .....	in lower RH rear door		
X18049 (2 PINS, YELLOW) .....	in lower LH rear door		
X18050 (2 PINS, BLACK) .....	RH front door		
X18052 (2 PINS, BLACK) .....	in RH rear door		
X18066 (3 PINS, BLACK) .....	RIGHT REAR ACCELERATION SENSOR		
X18067 (3 PINS, BLACK) .....	LONGITUDINAL ACCELERATION SENSOR		
X18068 (9 PINS, BLACK) .....	below RH side of rear seat EDC RELAY .....		02-3
X18080 (1 PIN, ---) .....	TRUNK COMPARTMENT LIGHT		
X18080 (3 PINS, NATURAL) .....	TRUNK LID LIGHT		
X18084 (2 PINS, WHITE) .....	driver's door .....		25-1
X18089 GROUND .....	below rear seat		

1995



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X18093 (3 PINS, WHITE) .....	STEERING COLUMN POSITION SWITCH .....		03-3
X18097 (2 PINS, BLACK) .....	bottom of steering column .....		17-3
X18126 (17 PINS, BLACK) .....	behind radio .....	20-3	04-2
X18150 (1 PIN, ---) .....	PARK HEATING/VENTILATION RELAY BOX		
X18151 (10 PINS, BLACK) .....	IHKR/F3 SWITCHING UNIT .....		09-1
X18153 (3 PINS, BLACK) .....	behind center of dashboard near gearshift lever .....		05-2
X18154 (18 PINS, BLACK) .....	IHKR/F3 CONTROL PANEL .....		11-3
X18155 (26 PINS, WHITE) .....	LH side of RH footwell .....	19-3	10-4
X18156 (26 PINS, BLACK) .....	LH side of RH footwell .....	19-3	10-4
X18157 (26 PINS, BLUE) .....	LH side of RH footwell .....	19-3	10-4
X18158 (3 PINS, BLACK) .....	underside of RH front seat DRIVER'S SEAT BELT SWITCH		
X18181 (6 PINS, BLACK) .....	underside of LH front seat .....		07-3
X18184 (1 PIN, ---) .....	under rear window shelf		
X18185 (1 PIN, ---) .....	under rear window shelf		
X18186 (1 PIN, NATURAL) .....	in upper LH front door		
X18187 (1 PIN, ---) .....	under rear window shelf		
X18188 (1 PIN, ---) .....	LH A-pillar behind trim panel		
X18189 (1 PIN, ---) .....	under rear window shelf		
X18190 (1 PIN, NATURAL) .....	in upper LH front door		
X18191 (1 PIN, ---) .....	behind RH footwell speaker grille		
X18192 (1 PIN, WHITE) .....	in upper RH front door		
X18193 (1 PIN, ---) .....	in upper RH front door		

7000.0-38

1995



## COMPONENT LOCATION CHART

02/97

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X18203 (3 PINS, ---)	underside of RH rear seat		
X18205 (2 PINS, WHITE)	front of gearshift selector	21-2	
X18244 (8 PINS, BLACK)	center of dash		03-1
X18245 (8 PINS, BLACK)	in roof panel	29-1	03-1
X18259 (10 PINS, BLACK)	below LH side of dash		07-6
X18265 (1 PIN, ---)	in lift gate REAR DEFOGGER		
X18319 (18 PINS, BLACK)	underside of LH front seat	22-1	01-2
X18320 (26 PINS, NATURAL)	underside of LH front seat	22-1	01-1
X18321 (10 PINS, BLACK)	underside of LH front seat	22-1	10-5
X18322 (26 PINS, BLACK)	underside of LH front seat	22-1	01-1
X18323 (4 PINS, BLACK)	underside of LH front seat	22-1	02-6
X18500 (25 PINS, BLACK)	TELEPHONE TRANSCEIVER		02-2
X18501 (3 PINS, YELLOW)	below center console TELEPHONE INTERFACE US		13-3
X18502 (8 PINS, BLACK)	below center console TELEPHONE INTERFACE US		
X18503 (2 PINS, ---)	TELEPHONE INTERFACE US		
X18506 (2 PINS, ---)	behind center of dashboard		
X18507 (4 PINS, BLACK)	behind center of dashboard	13-4	
X18508 (4 PINS, BLACK)	behind center of dashboard	13-4	
X18509 (8 PINS, BLACK)	behind center of dashboard		03-1
X18729 (3 PINS, WHITE)	in LH forward side of luggage compartment	30-1	05-2
X18729 (3 PINS, WHITE)	in LH forward side of luggage compartment (Touring)	30-2	05-2
X18741 (4 PINS, BLACK)	behind center of dashboard	13-4	

7000.0-39

1995



## COMPONENT LOCATION CHART

02/97

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
X18766	(9 PINS, BLACK) .....	LH A-pillar behind LH footwell speaker grille ENGINE CONTROL RELAY (ABS/ASC) .....	02-3
X18767	(9 PINS, BLACK) .....	LH A-pillar behind LH footwell speaker grille VALVE RELAY (ABS/ASC) .....	02-3
X18982	(3 PINS, BLACK) .....	top front of engine compartment	
X90001	(3 PINS, BLACK) .....	IHKR/F3 CONTROL PANEL	
X90260	(3 PINS, BLACK) .....	RH side of steering column TRANSMITTER MODULE (EWS II) .....	33-2
Y1 ....	ABS HYDRAULIC UNIT .....	LH side of engine compartment .....	13-3
Y1w ..	ABS HYDRAULIC UNIT .....	LH side of engine compartment .....	13-3
Y2 ....	AIR CONDITIONING COMPRESSOR .....	lower RH side of engine compartment	
Y4 ....	WATER VALVE ASSEMBLY .....	rear LH side of engine compartment .....	11-3
Y5 ....	DRIVER'S SIDE MIRROR .....	in upper LH front door	
Y6 ....	PASSENGER'S SIDE MIRROR .....	in upper RH front door	
Y7 ....	PARK HEATING METERING PUMP .....	under rear of car behind RH rear wheel	
Y9 ....	DRIVER'S SIDE MEMORY MIRROR .....	in upper LH front door	
Y10 ...	PASSENGER'S SIDE MEMORY MIRROR ...	in upper RH front door	
Y401z .	LEFT FRONT EDC VALVES .....	behind LH front wheel	
Y402z .	RIGHT FRONT EDC VALVES .....	behind RH front wheel	
Y403z .	LEFT REAR EDC VALVES .....	behind LH rear wheel	
Y404z .	RIGHT REAR EDC VALVES .....	behind RH rear wheel	
Y6101	CYL. 1 FUEL INJECTION VALVE .....	RH cylinder head (530i/t) (540i) .....	08-3
Y6101	CYL. 1 FUEL INJECTION VALVE .....	on engine bulkhead (525i/t) .....	14-3
Y6102	CYL. 2 FUEL INJECTION VALVE .....	RH cylinder head (530i/t) (540i) .....	06-2

7000.0-40

1995



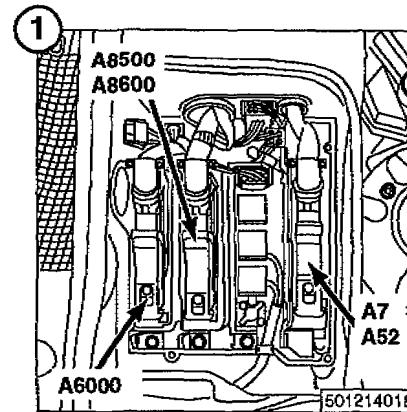
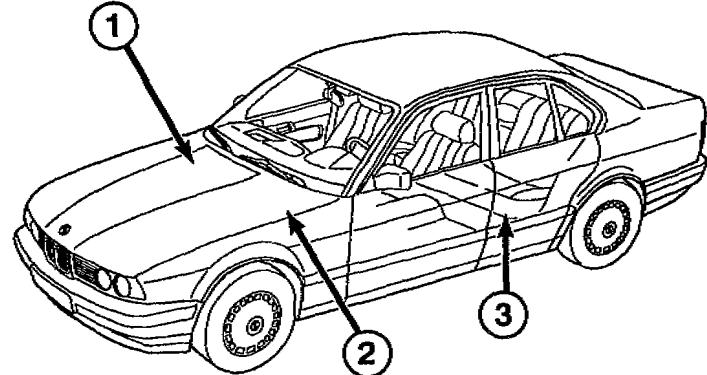
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02/97

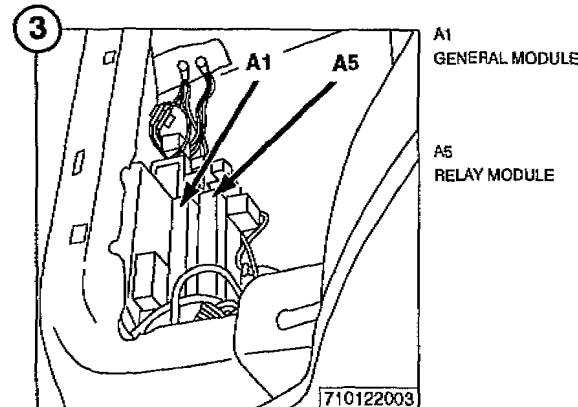
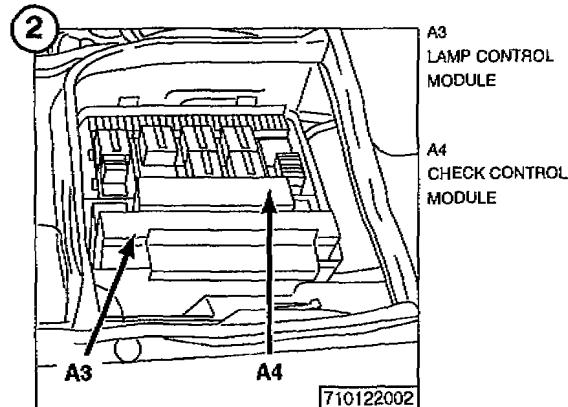
7000.0-41

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
Y6102	CYL. 2 FUEL INJECTION VALVE .....	on engine bulkhead (525i/t) .....	14-3	
Y6103	CYL. 3 FUEL INJECTION VALVE .....	RH cylinder head (530i/t) (540i) .....	06-2	
Y6103	CYL. 3 FUEL INJECTION VALVE .....	on engine bulkhead (525i/t) .....	14-3	
Y6104	CYL. 4 FUEL INJECTION VALVE .....	RH cylinder head (530i/t) (540i) .....	06-2	
Y6104	CYL. 4 FUEL INJECTION VALVE .....	on engine bulkhead (525i/t) .....	14-3	
Y6105	CYL. 5 FUEL INJECTION VALVE .....	LH cylinder head (530i/t) (540i) .....	08-2	
Y6105	CYL. 5 FUEL INJECTION VALVE .....	on engine bulkhead (525i/t) .....	14-3	
Y6106	CYL. 6 FUEL INJECTION VALVE .....	LH cylinder head (530i/t) (540i) .....	08-2	
Y6106	CYL. 6 FUEL INJECTION VALVE .....	on engine bulkhead (525i/t) .....	14-3	
Y6107	CYL. 7 FUEL INJECTION VALVE .....	LH cylinder head (530i/t) (540i)		
Y6108	CYL. 8 FUEL INJECTION VALVE .....	LH cylinder head (530i/t) (540i)		
Y6120	EVAPORATIVE EMISSION VALVE .....	LH side of engine compartment LH side of engine (525i/t)		
Y6130	IDLE SPEED CONTROL VALVE .....	top front of engine compartment (530i/t) (540i) .....	08-1	
Y6130	IDLE SPEED CONTROL VALVE .....	front of engine (525i/t) .....	13-2	
Y8505	TRANSMISSION VALVE UNIT .....	in transmission		
Y8505w	TRANSMISSION VALVE UNIT .....	in transmission (540i)		
Y8505y	TRANSMISSION VALVE UNIT .....	in transmission (530i/t)		
Y8516	ELECTRONIC TRANSMISSION ENGINE SPEED SENSOR (EGS) .....	under center of car (525i/t)		
Y8522	SHIFT LOCK .....	center console (530i/t) (540i)		

1995



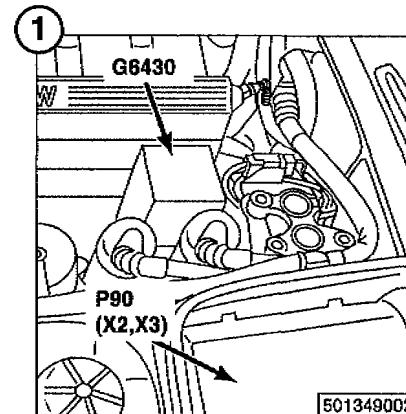
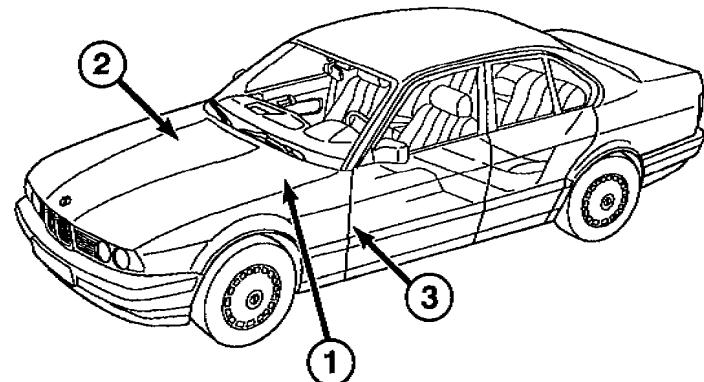
A7	SLIP CONTROL MODULE (ABS)	A8500 TRANSMISSION CONTROL MODULE (EGS)
A52	SLIP CONTROL MODULE (ABS/ASC)	A8600 TRANSMISSION CONTROL MODULE (AGS)
A6000	ENGINE CONTROL MODULE (DME)	





## COMPONENT LOCATION VIEWS

B(+)

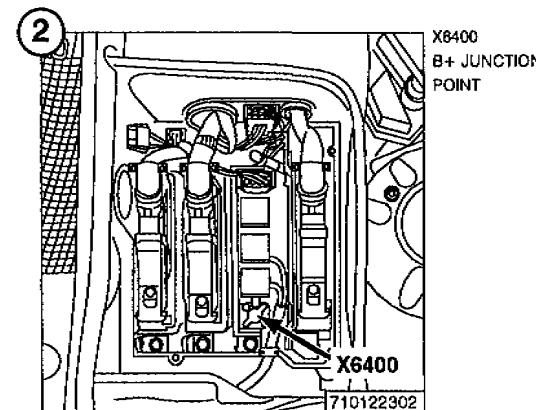


G6430  
B+ JUMP START  
JUNCTION POINT

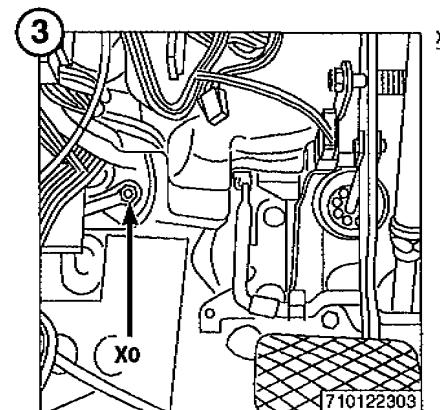
P90  
FRONT POWER  
DISTRIBUTION BOX

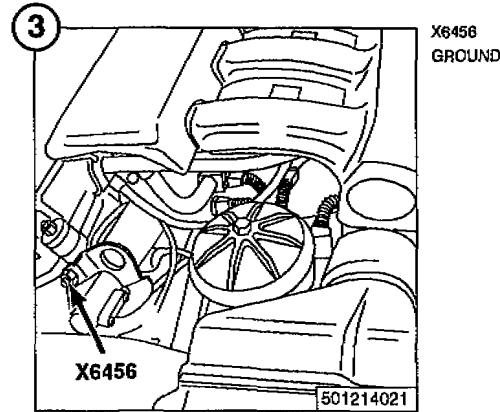
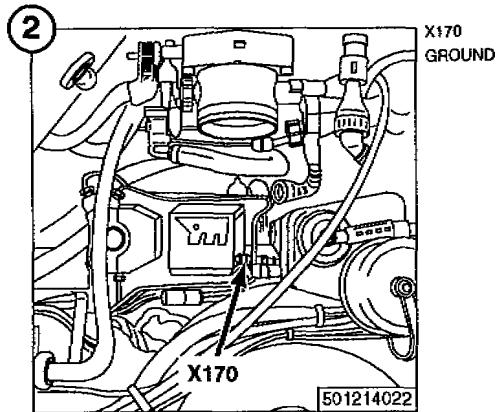
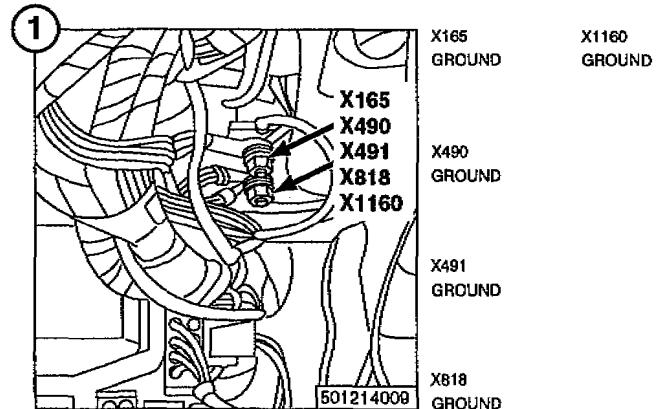
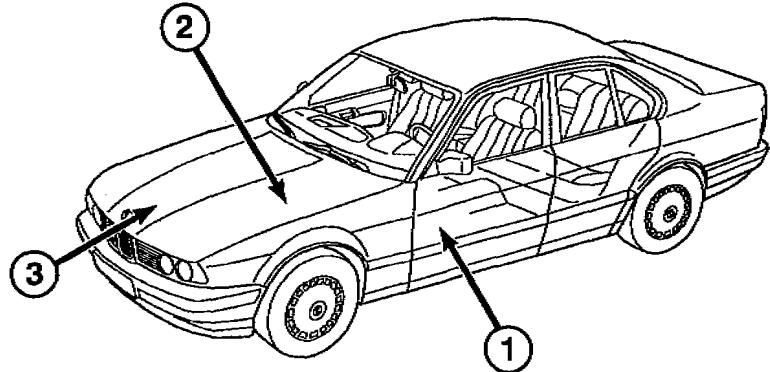
X2  
BATTERY B+  
START POINT

X3  
B+ JUNCTION  
POINT

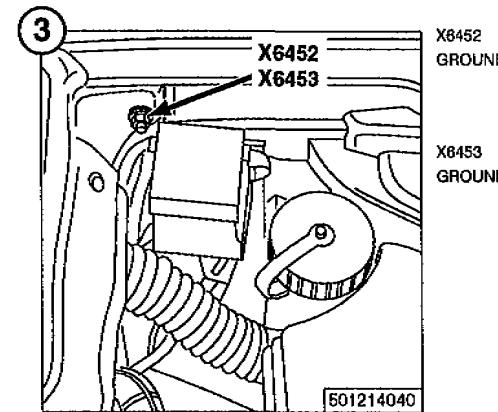
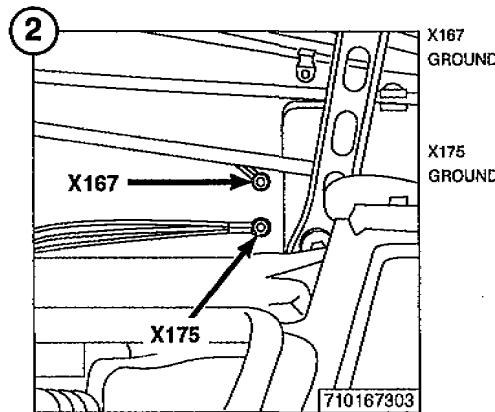
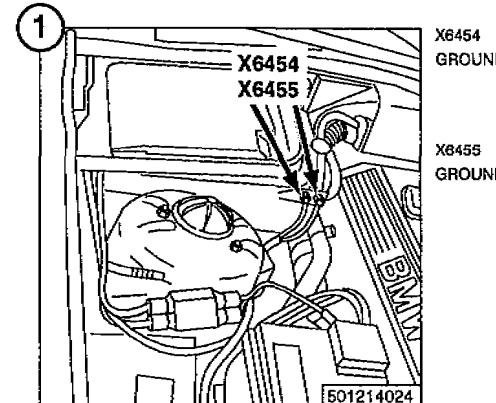
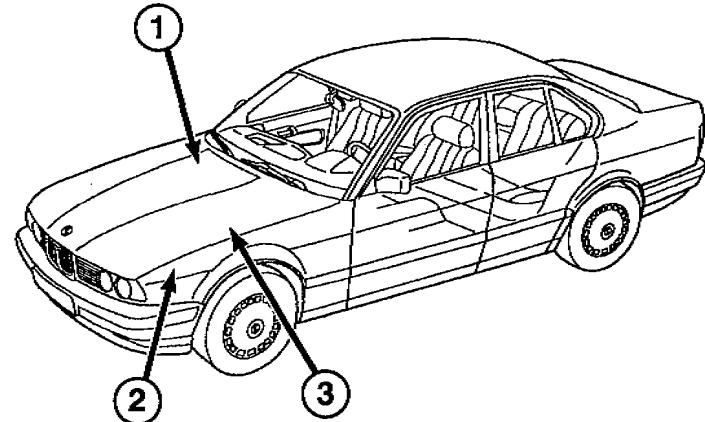


X6400  
B+ JUNCTION  
POINT

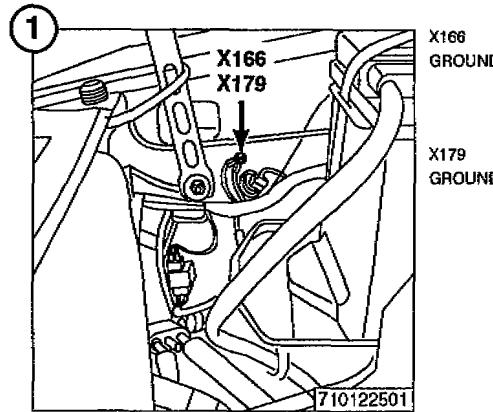
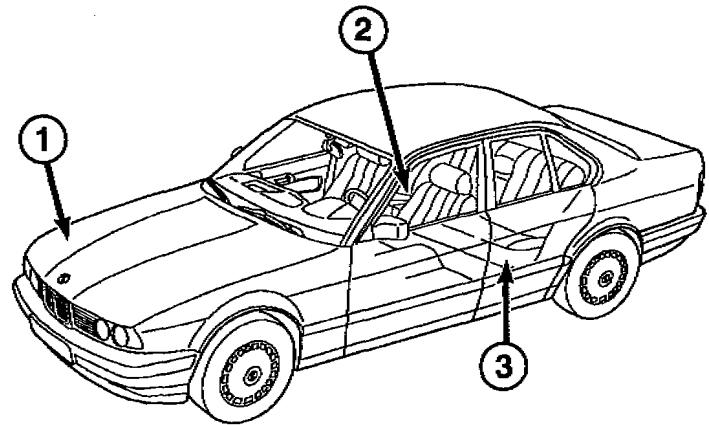


**B(-)**

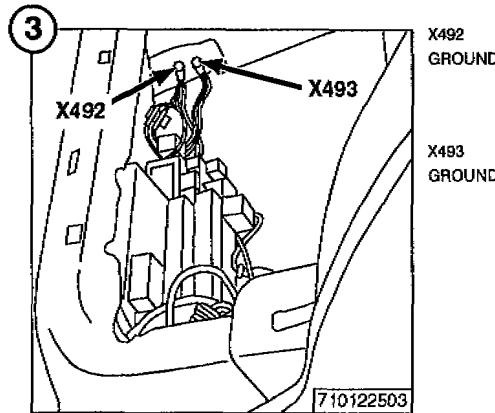
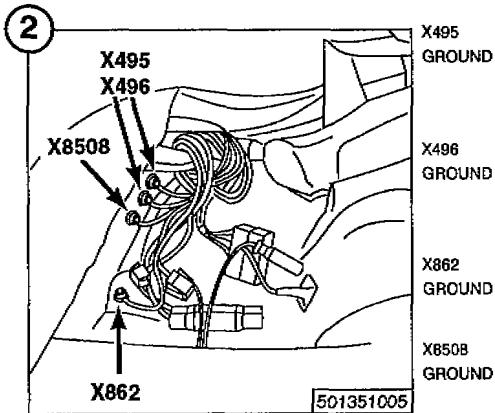
B(-)



B(-)

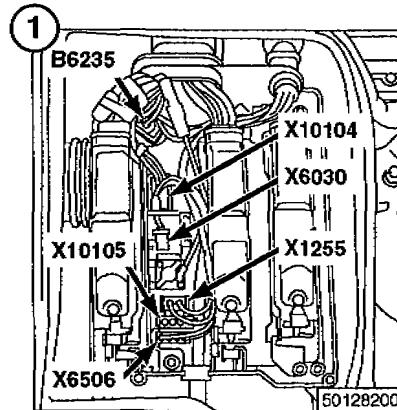
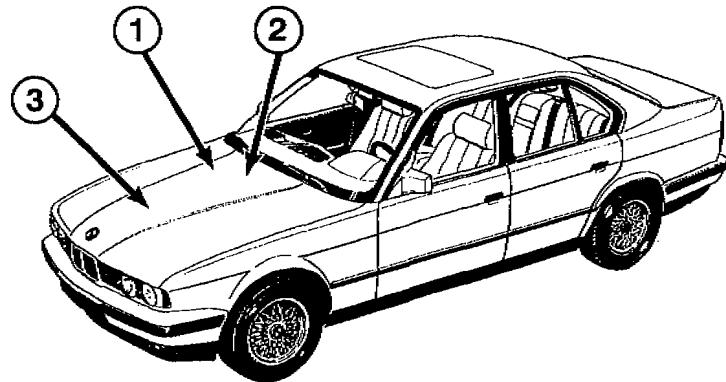


7100.0-04

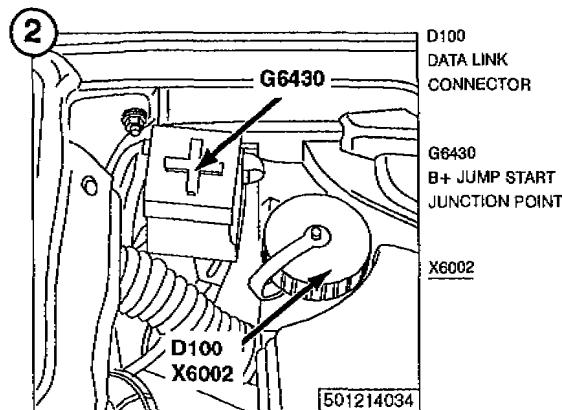


1995

## COMPONENT LOCATION VIEWS



B6235  
TEMPERATURE  
SWITCH  
  
X1255  
X6030  
X6506  
X10104  
X10105

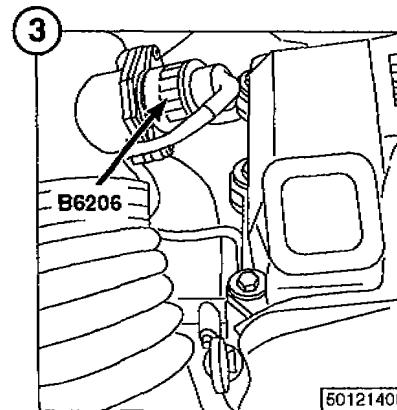


D100  
DATA LINK  
CONNECTOR

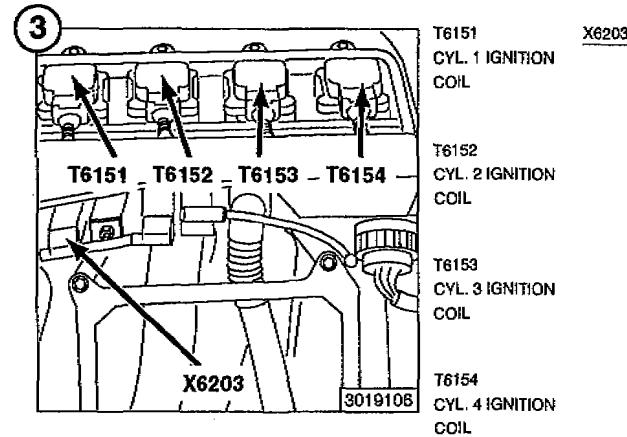
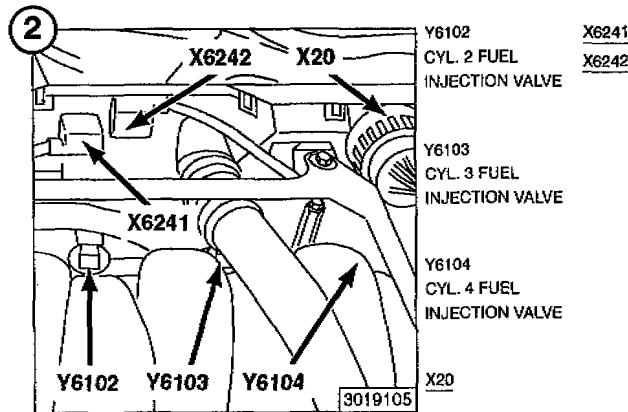
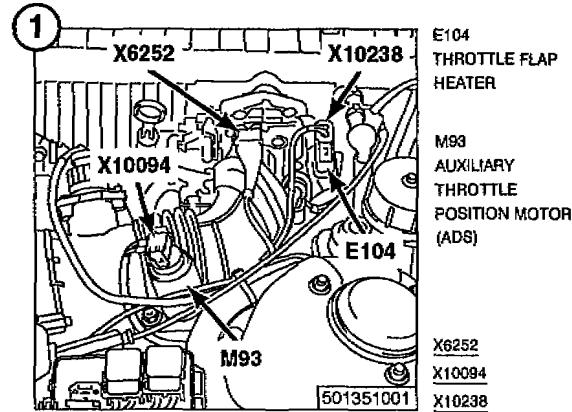
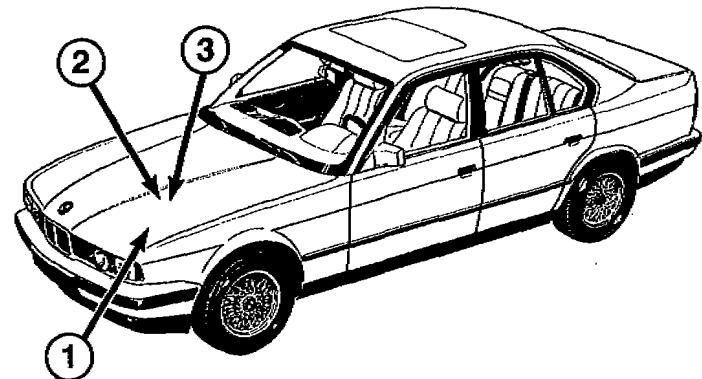
G6430  
B+ JUMP START  
JUNCTION POINT

X6002

D100  
X6002



B6206  
AIR FLOW SENSOR



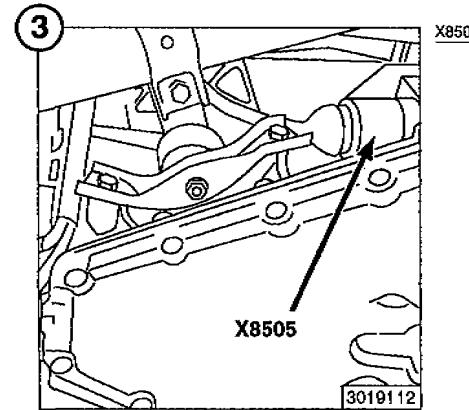
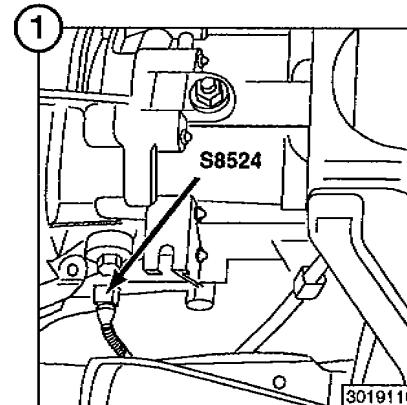
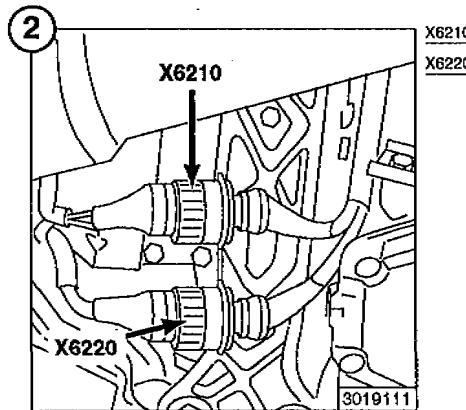
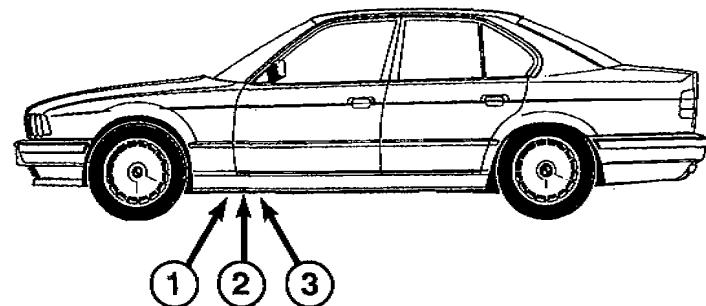


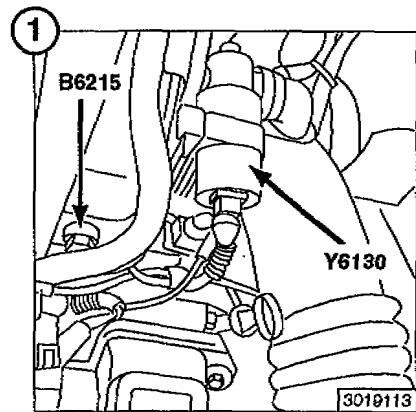
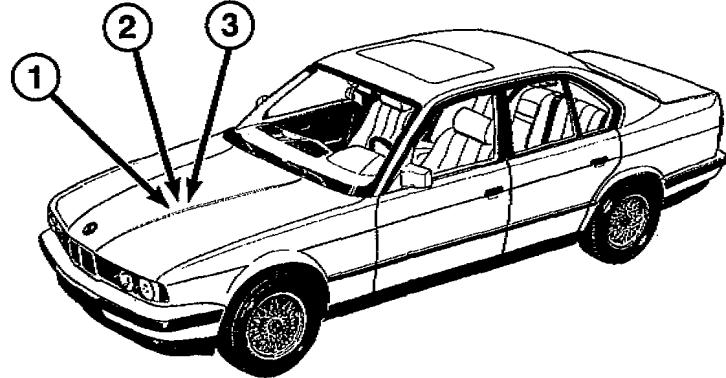
## COMPONENT LOCATION VIEWS

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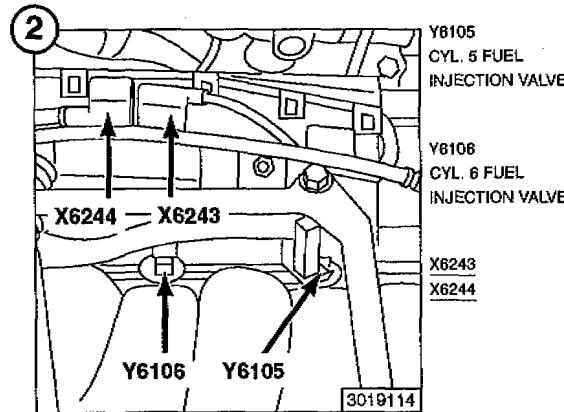
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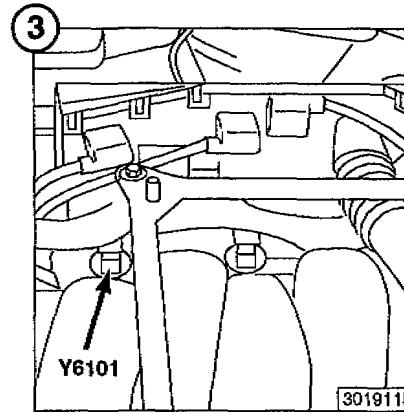
B6215  
CYL. 1-6 AIR  
TEMPERATURE  
SENSOR  
  
Y6130  
IDLE SPEED  
CONTROL VALVE



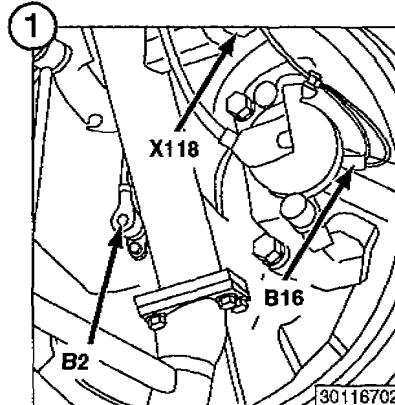
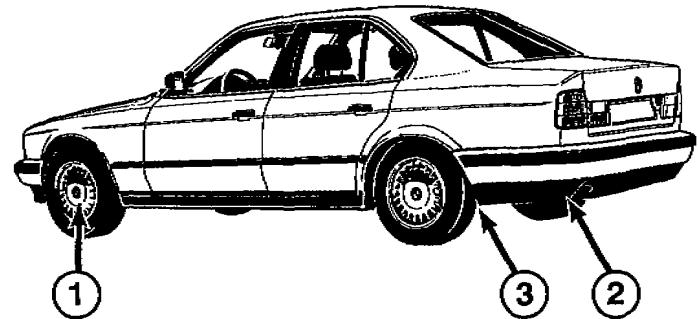
Y6105  
CYL. 5 FUEL  
INJECTION VALVE

Y6106  
CYL. 6 FUEL  
INJECTION VALVE

X6243  
X6244



Y6101  
CYL. 1 FUEL  
INJECTION VALVE

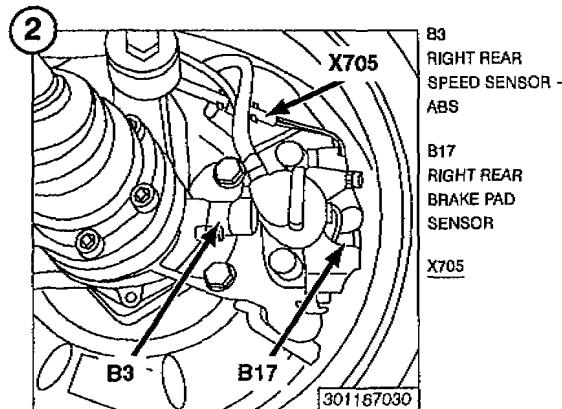


B2  
LEFT FRONT  
SPEED SENSOR —  
ABS

B16  
LEFT FRONT  
BRAKE PAD  
SENSOR

X118

301167029



83  
RIGHT REAR  
SPEED SENSOR -  
ABS

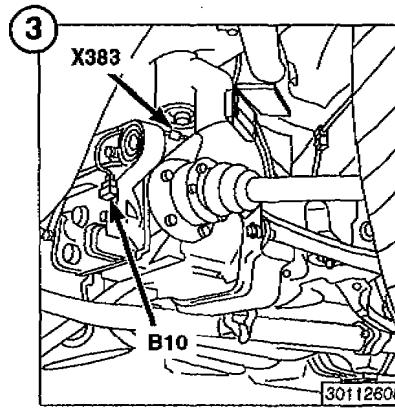
B17  
RIGHT REAR  
BRAKE PAD  
SENSOR

X705

B3

B1

301157030

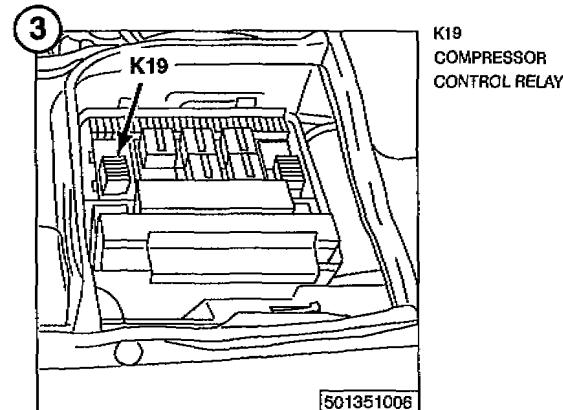
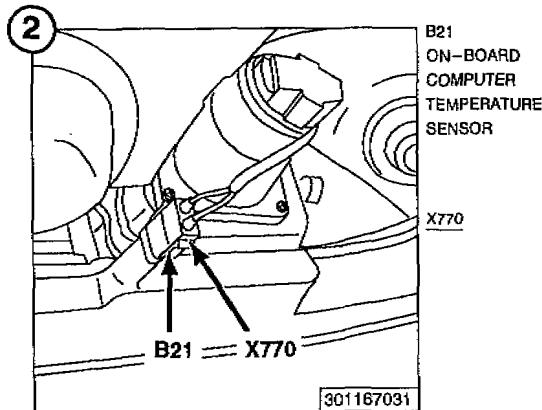
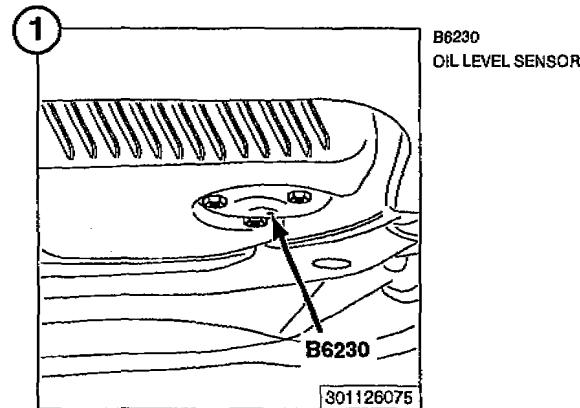
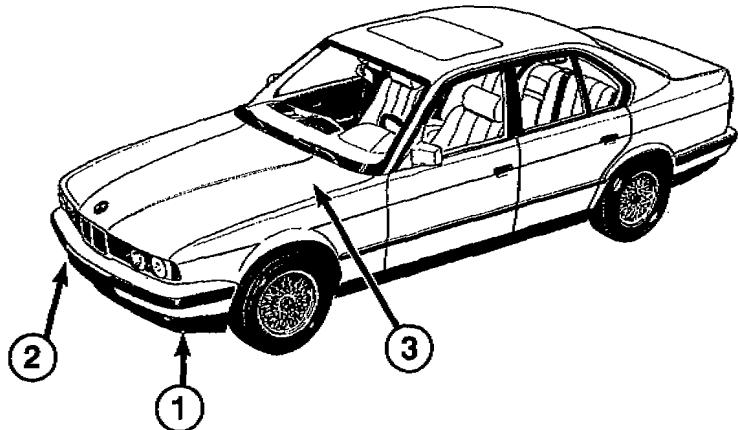


810  
VEHICLE SPEED  
SENSOR

X3B3

10

301126



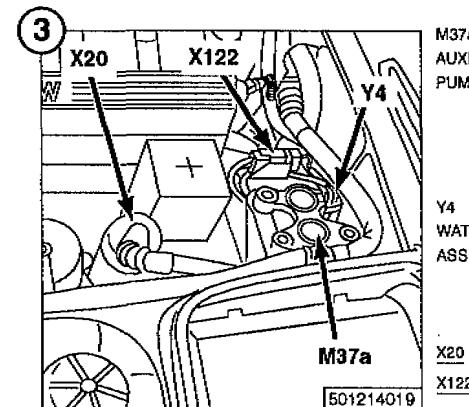
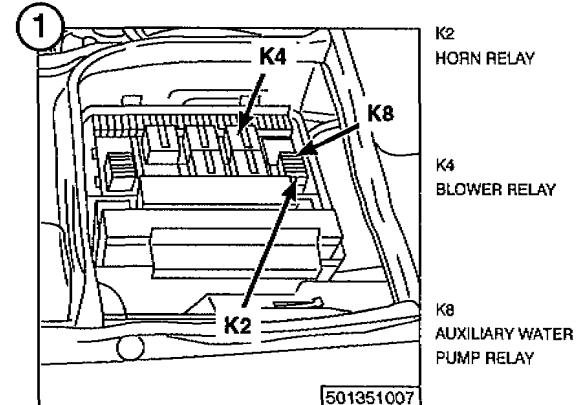
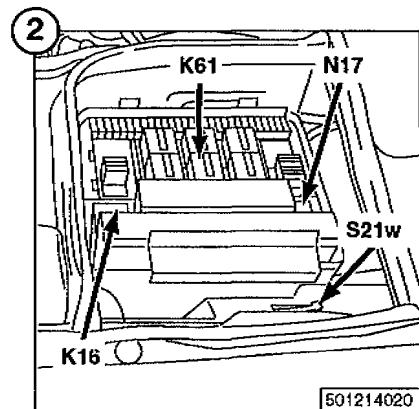
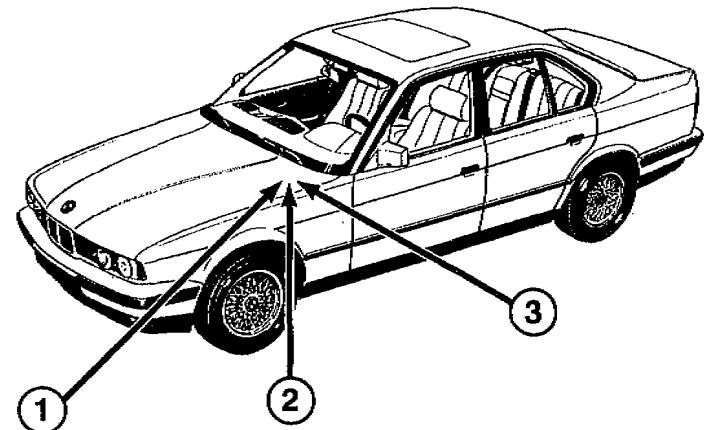


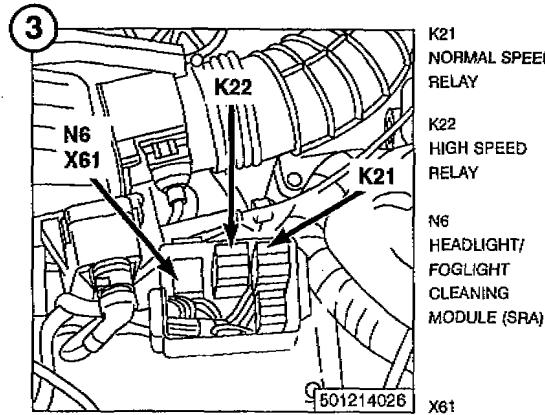
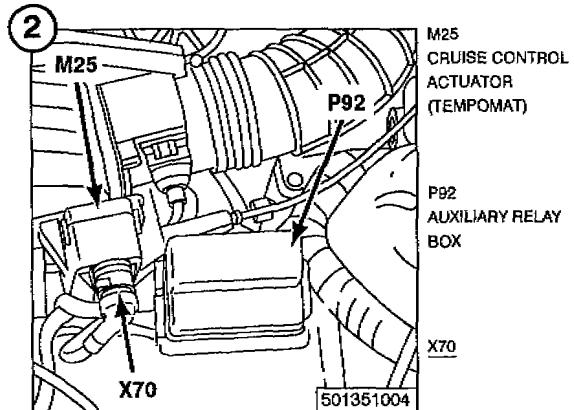
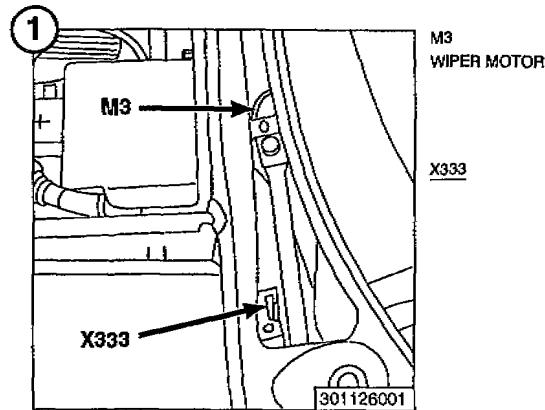
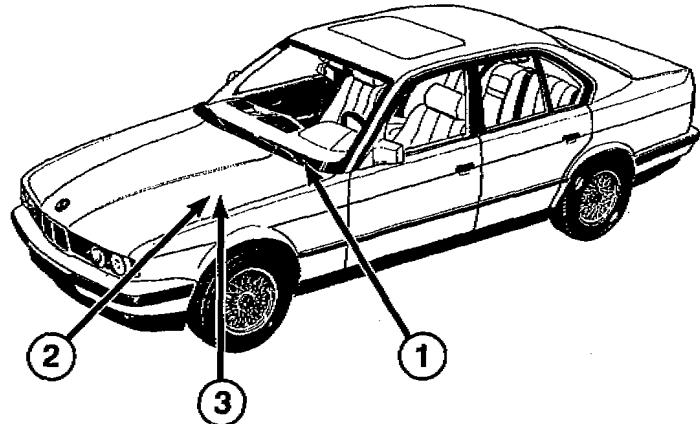
## COMPONENT LOCATION VIEWS

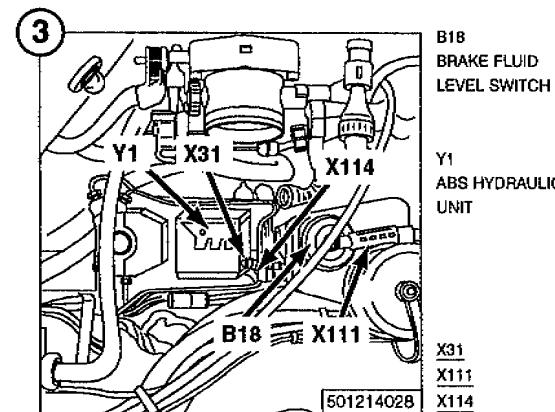
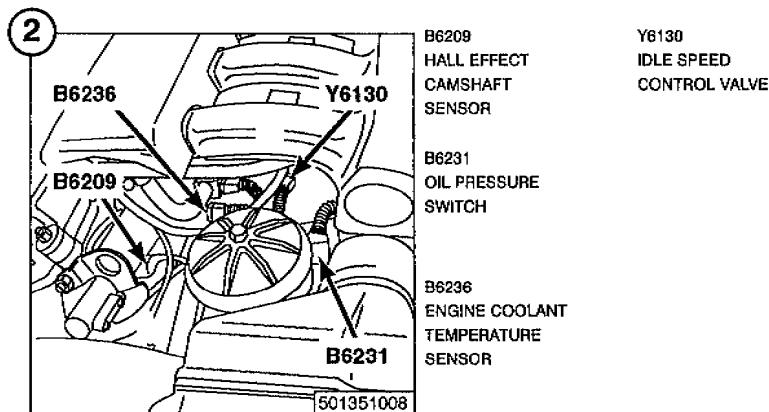
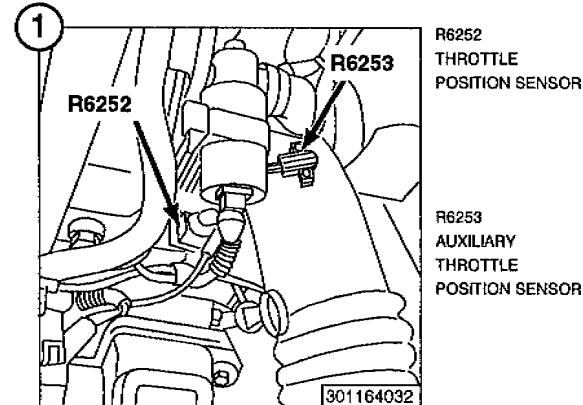
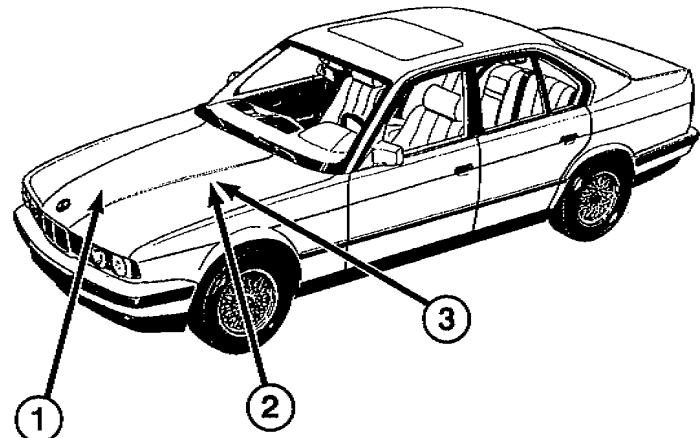
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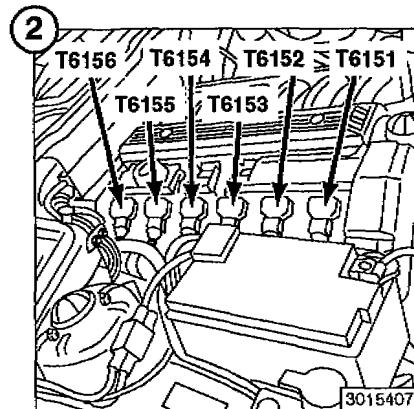
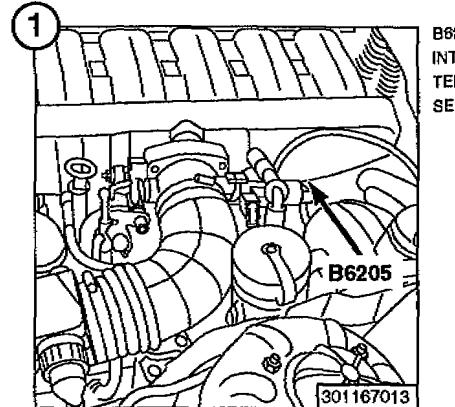
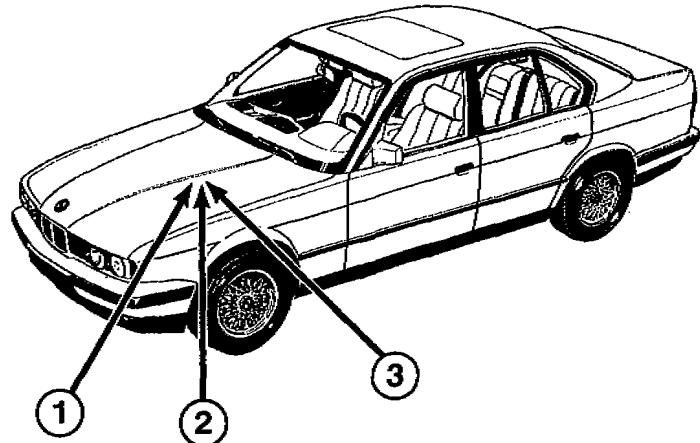
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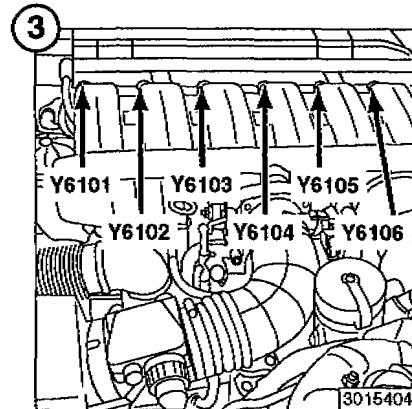






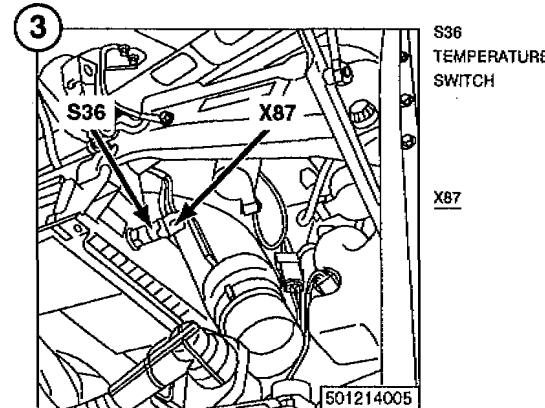
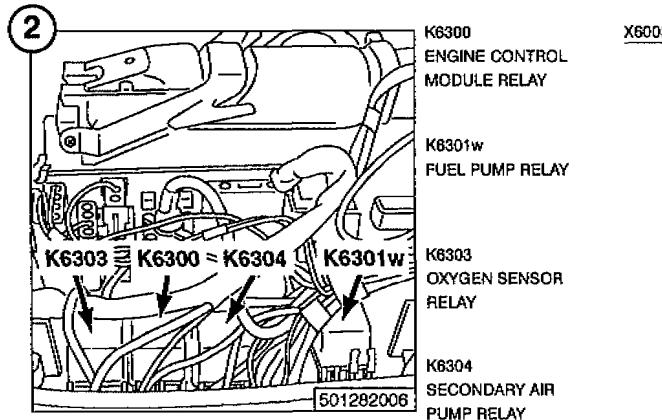
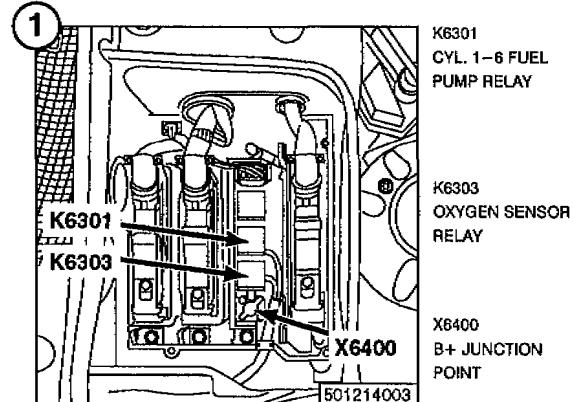
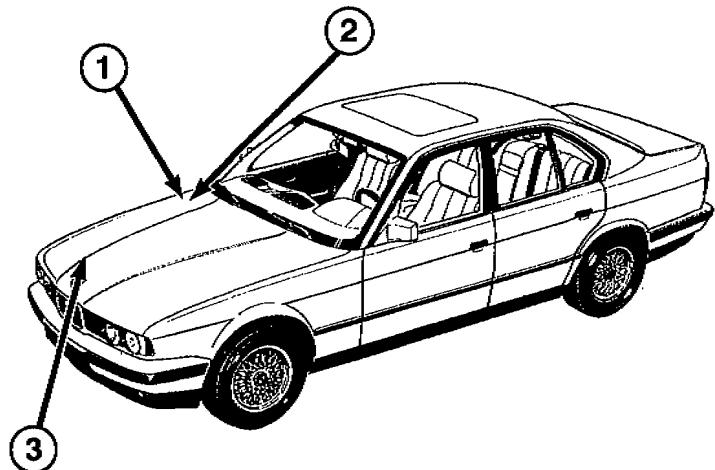


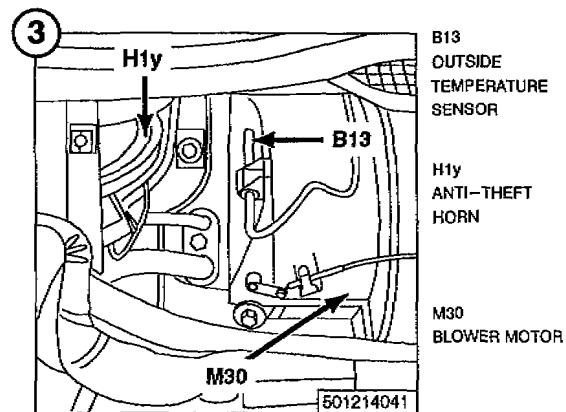
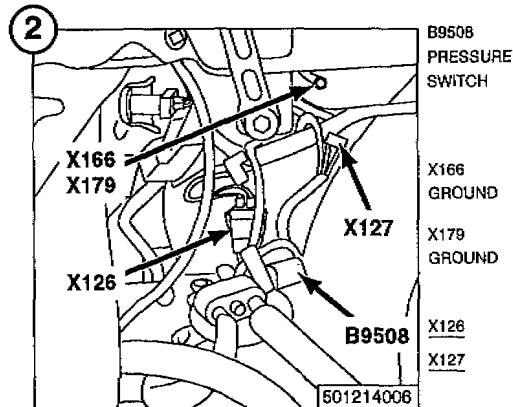
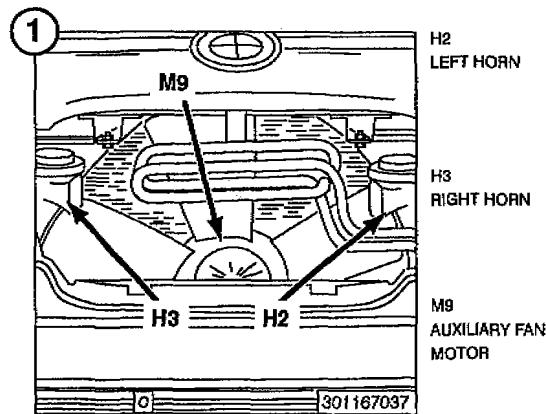
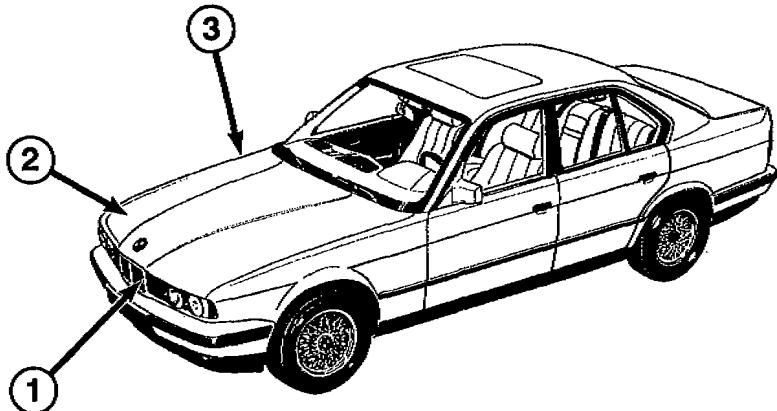
T6151	T6154
CYL. 1 IGNITION COIL	CYL. 4 IGNITION COIL
T6152	T6155
CYL. 2 IGNITION COIL	CYL. 5 IGNITION COIL
T6153	T6156
CYL. 3 IGNITION COIL	CYL. 6 IGNITION COIL

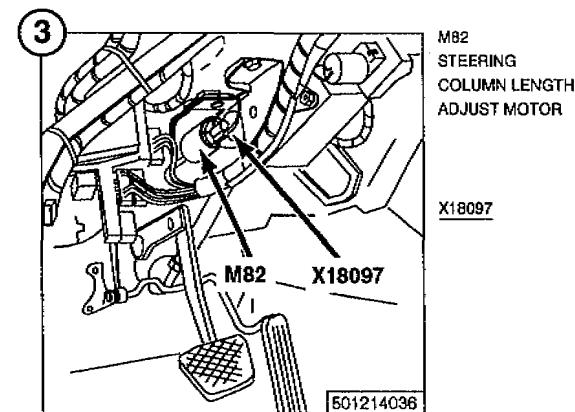
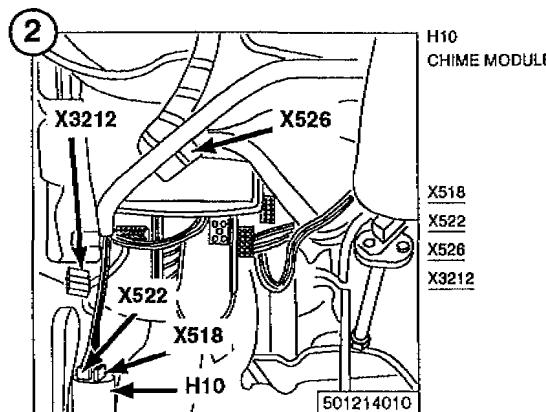
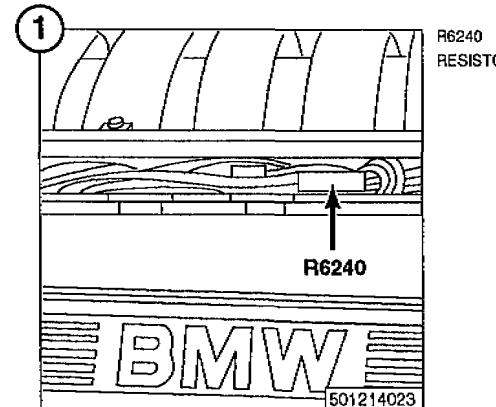
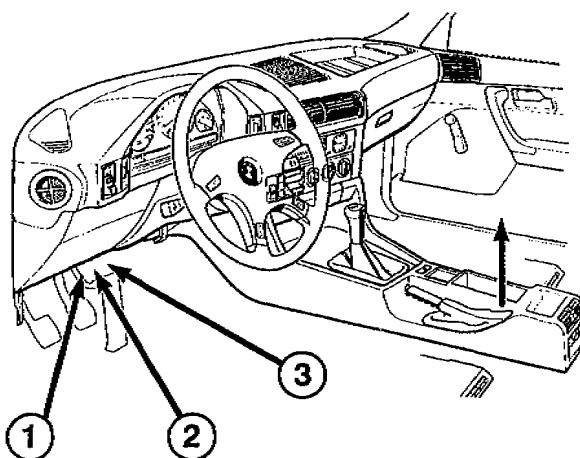


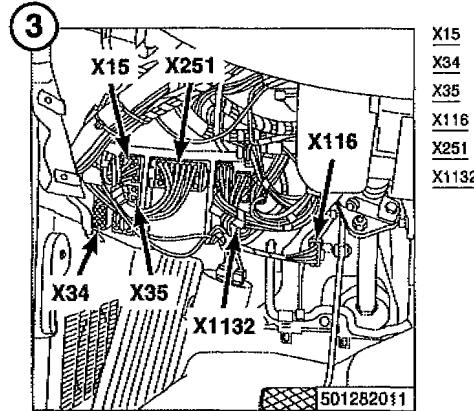
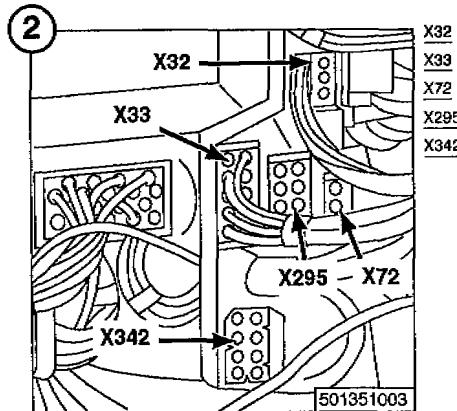
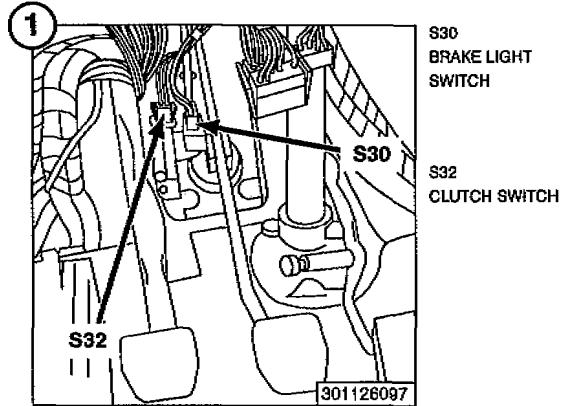
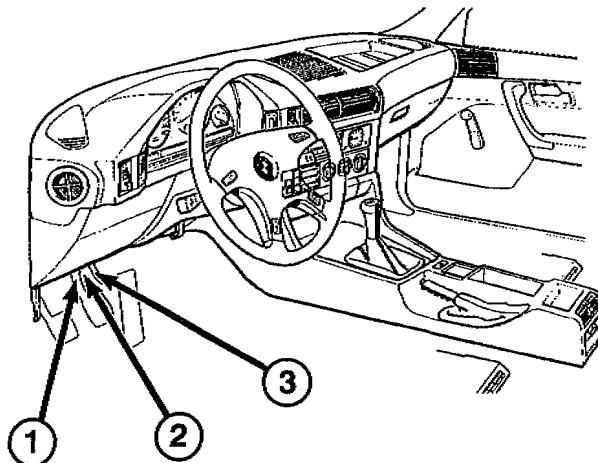
Y6101	Y6104
CYL. 1 FUEL INJECTION VALVE	CYL. 4 FUEL INJECTION VALVE
Y6102	Y6105
CYL. 2 FUEL INJECTION VALVE	CYL. 5 FUEL INJECTION VALVE
Y6103	Y6106
CYL. 3 FUEL INJECTION VALVE	CYL. 6 FUEL INJECTION VALVE

## COMPONENT LOCATION VIEWS

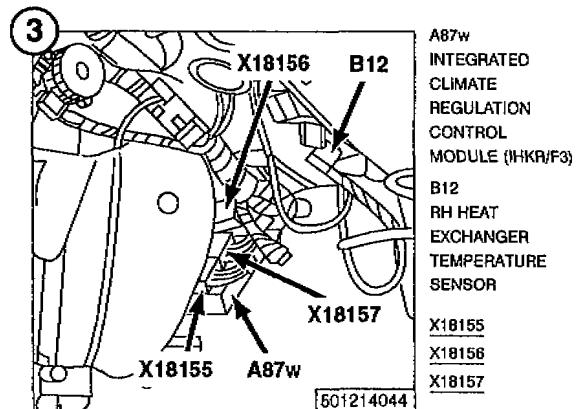
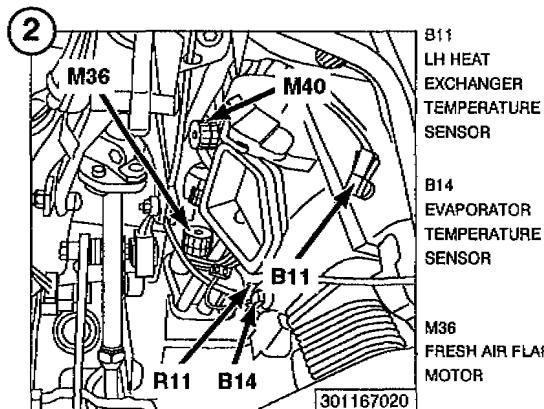
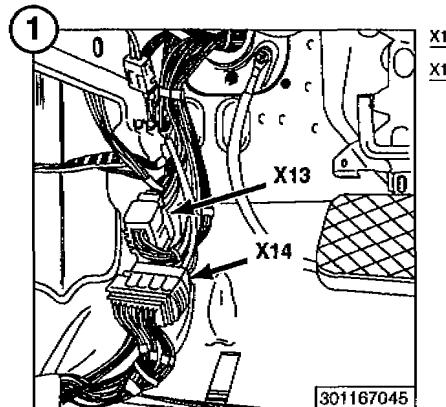
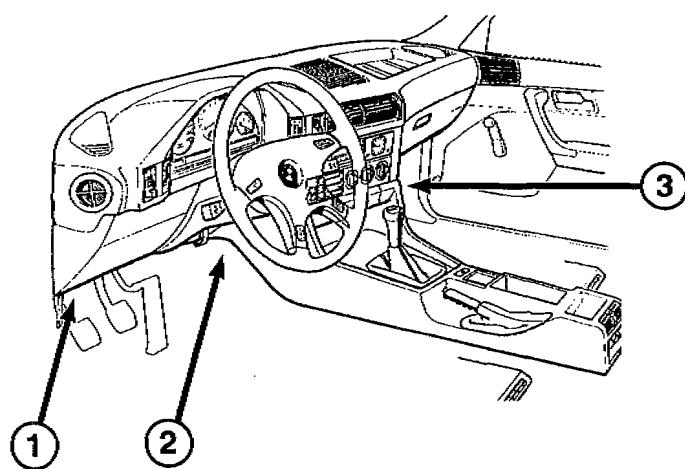








## COMPONENT LOCATION VIEWS

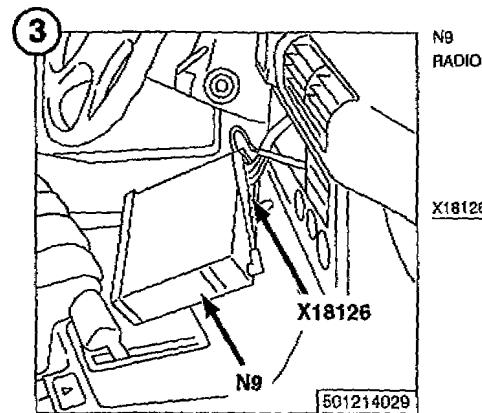
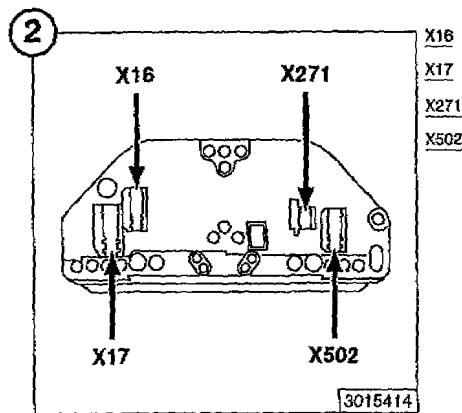
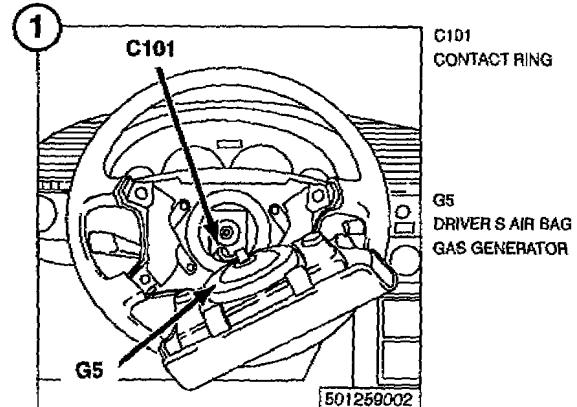
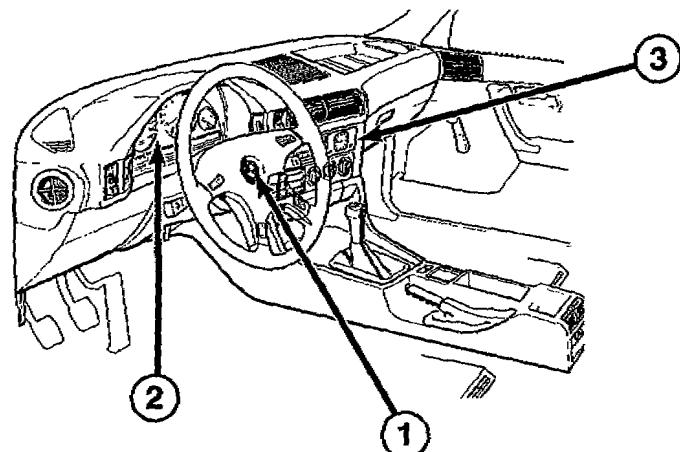


**COMPONENT LOCATION VIEWS**

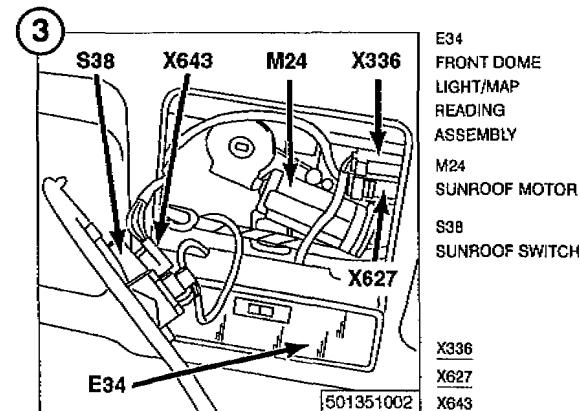
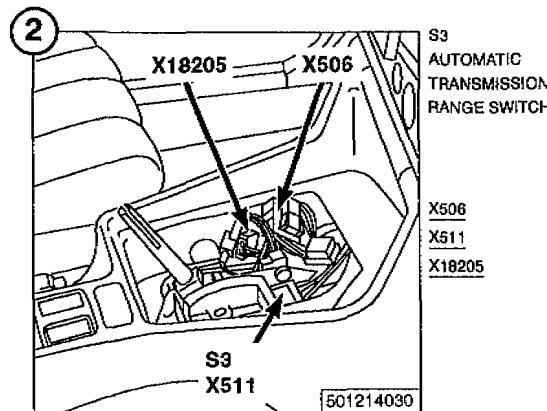
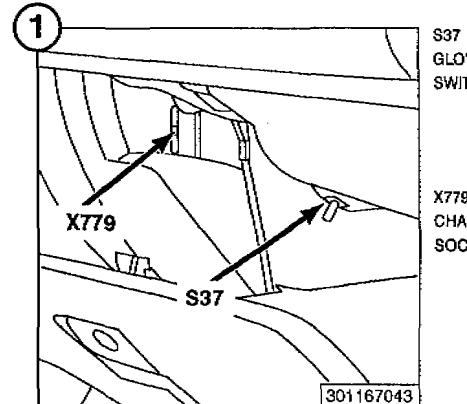
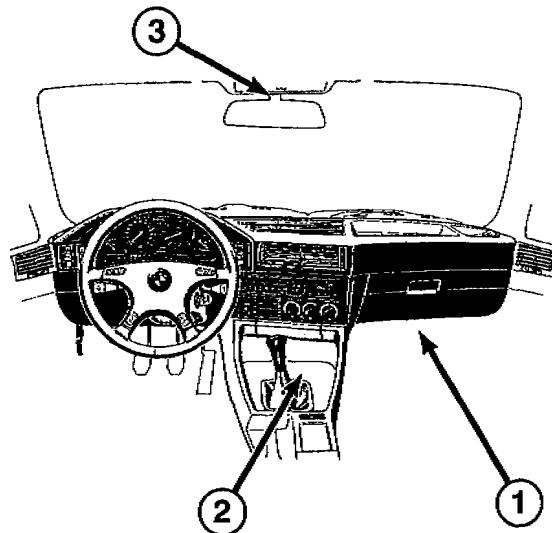
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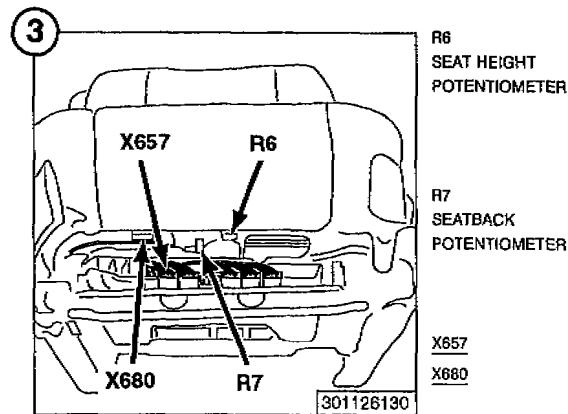
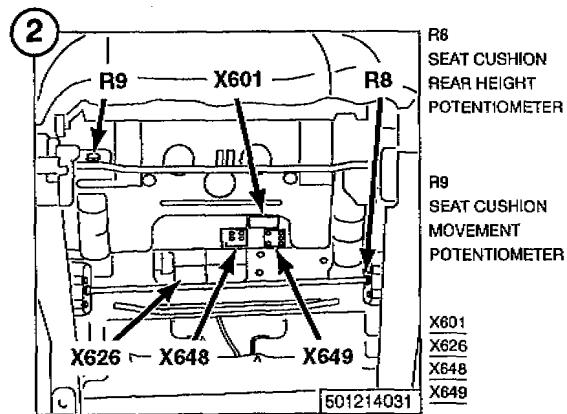
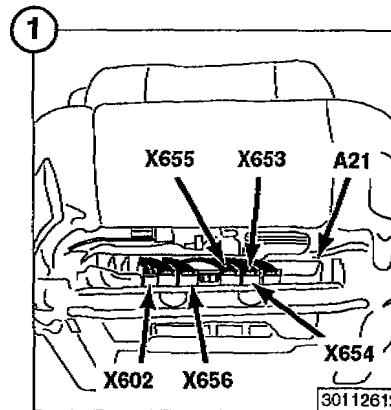
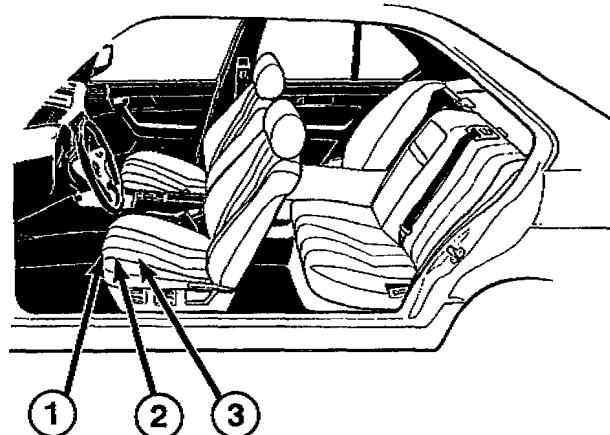
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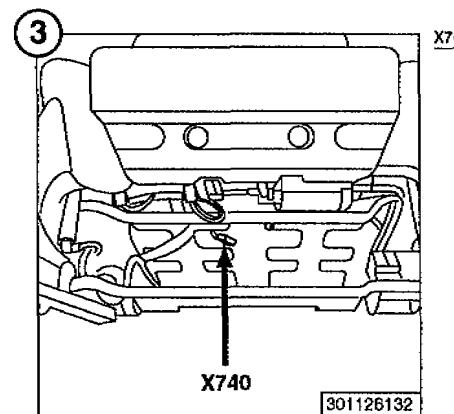
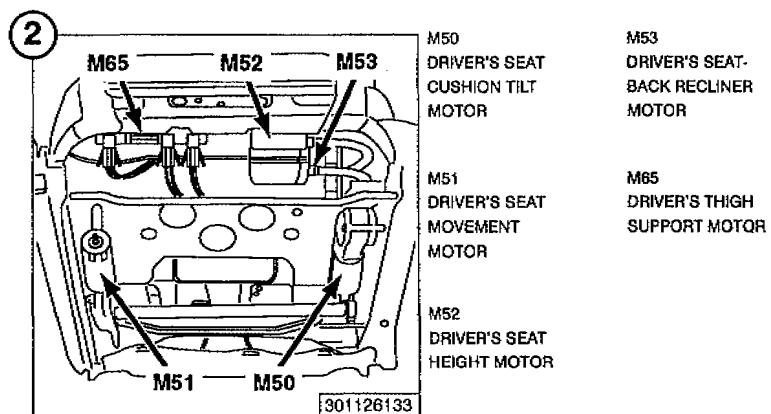
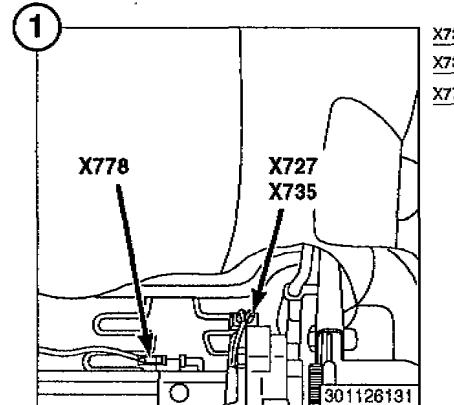
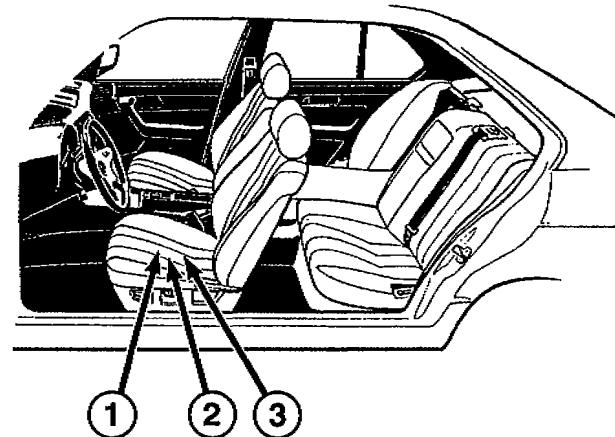
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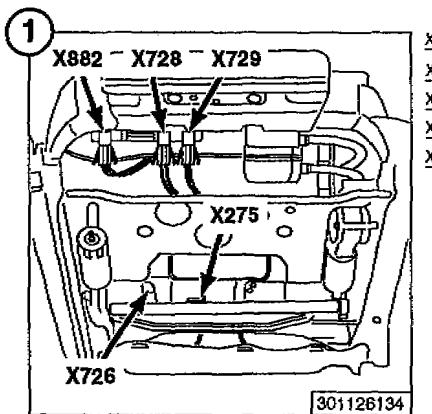
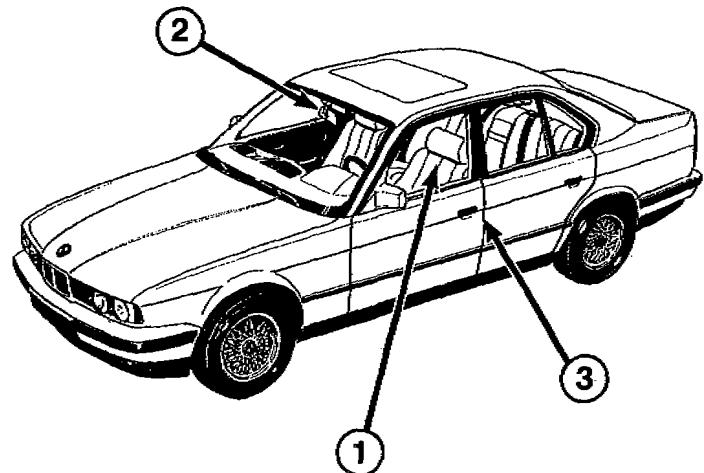


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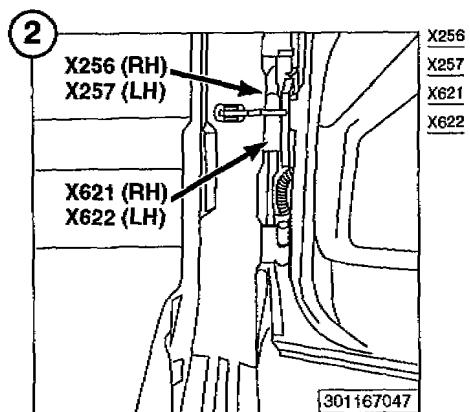




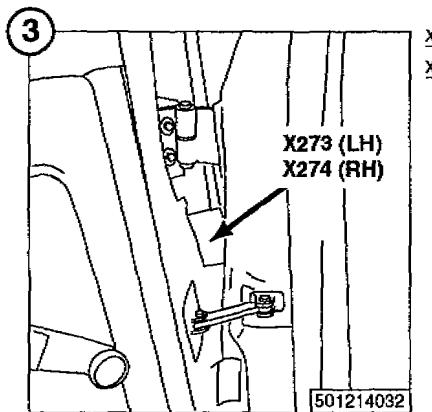




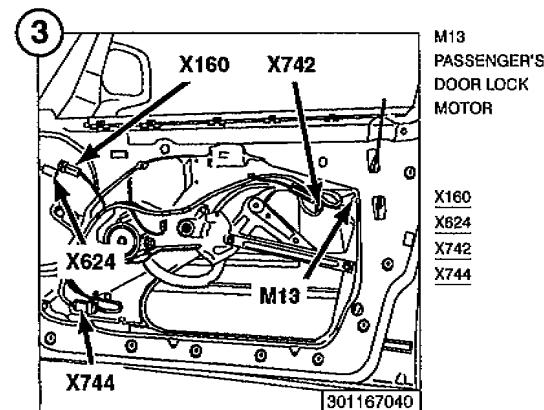
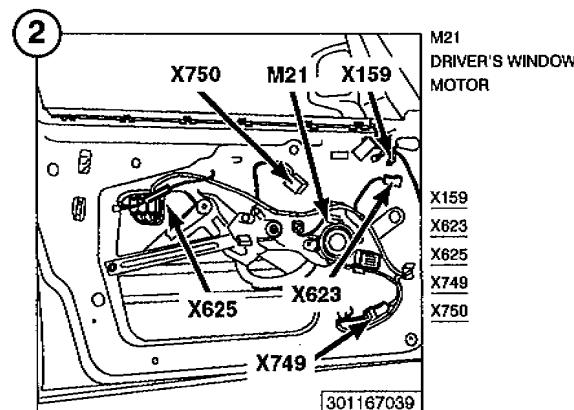
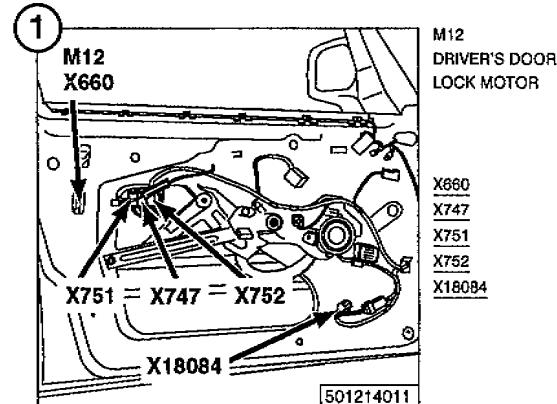
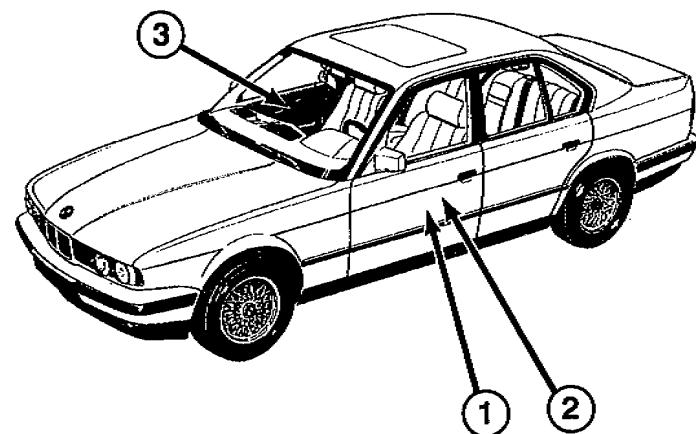
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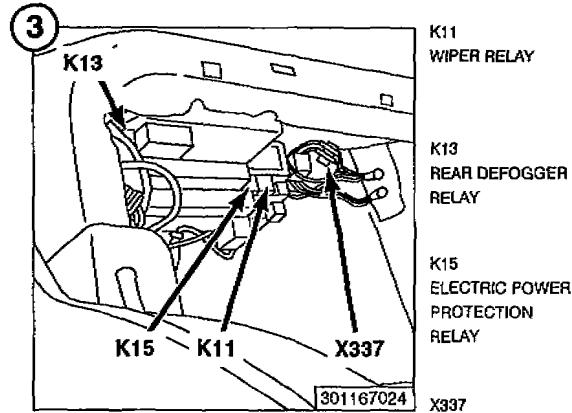
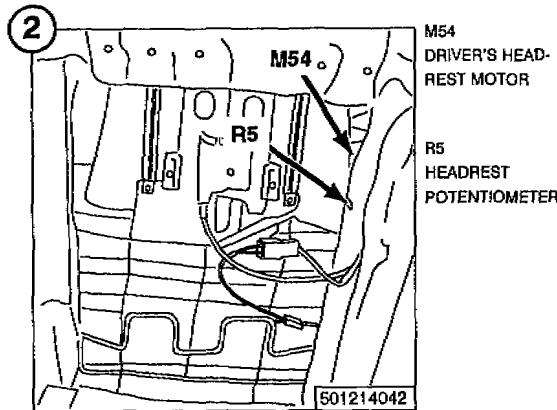
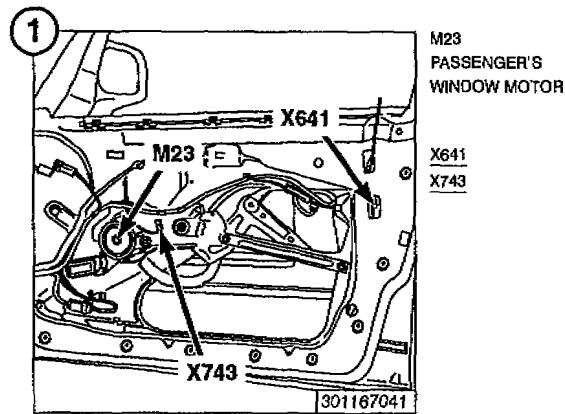
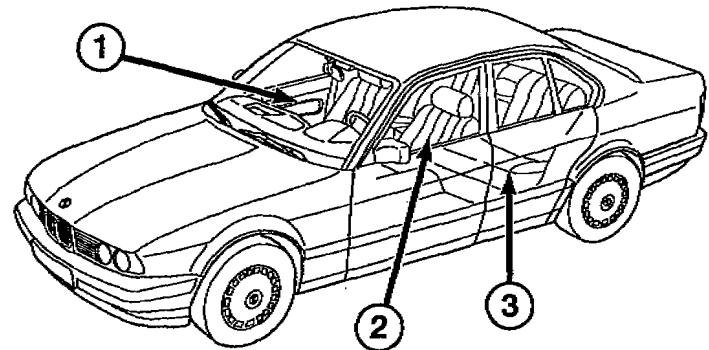


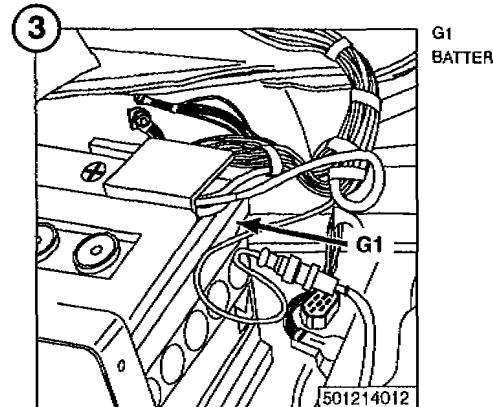
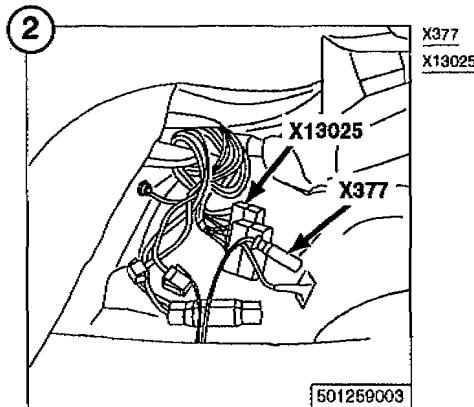
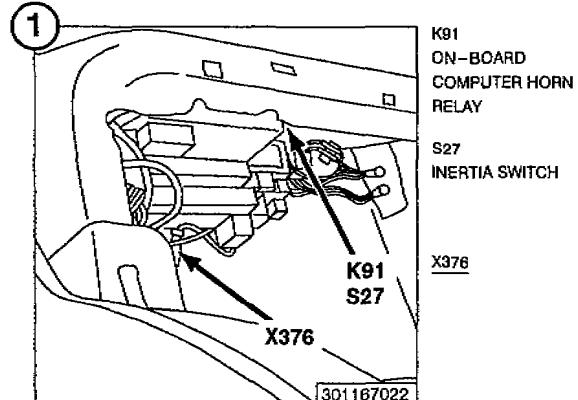
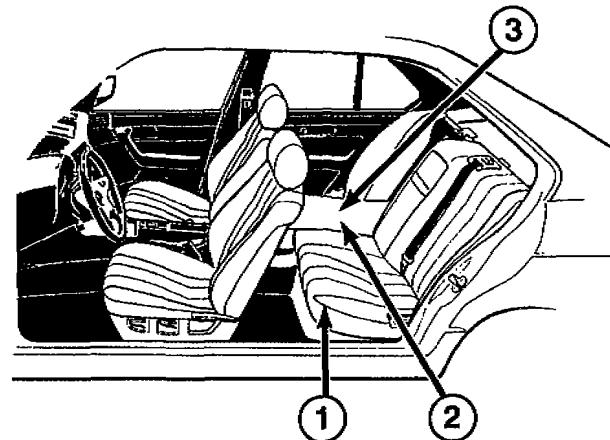
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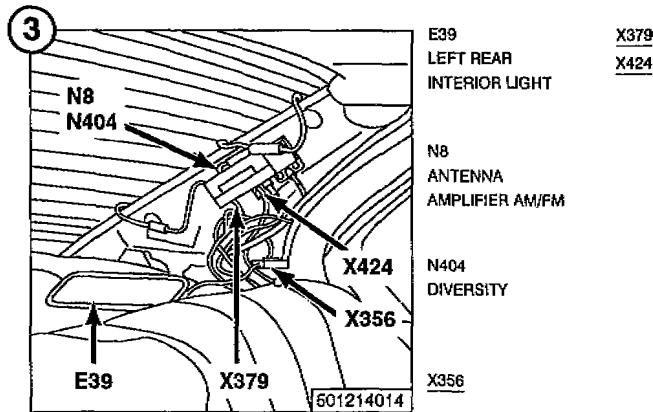
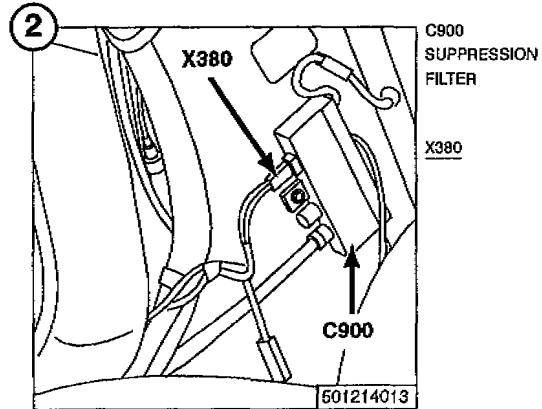
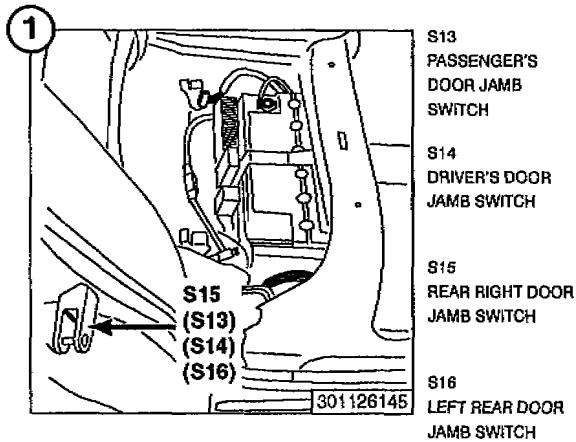
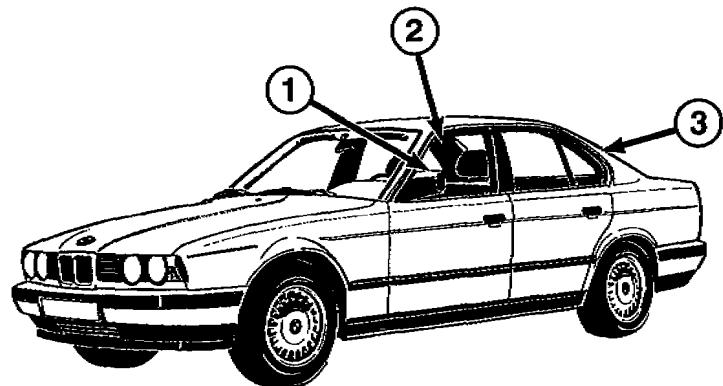


X273  
X274

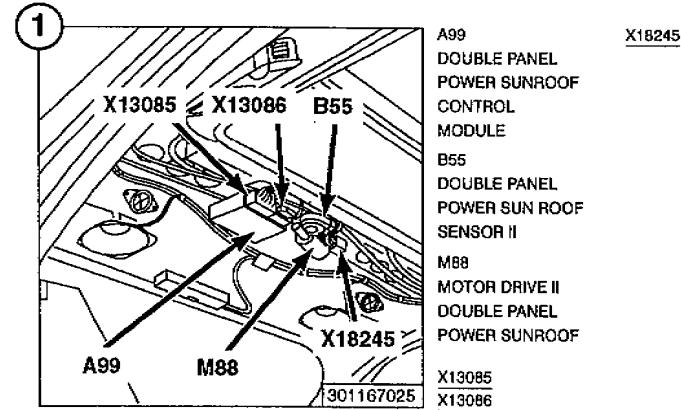
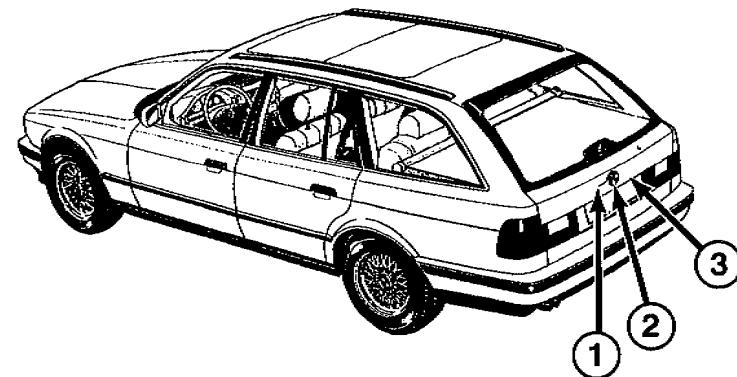




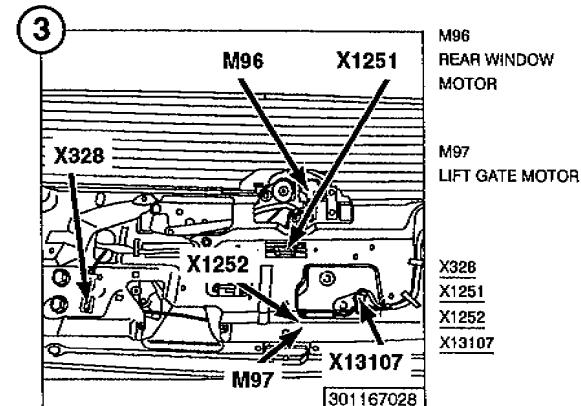
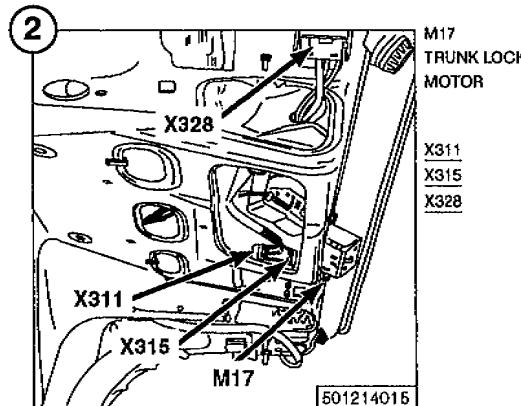


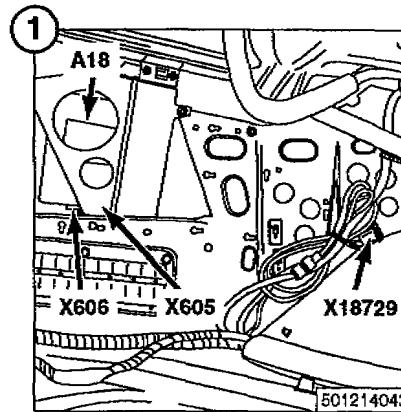
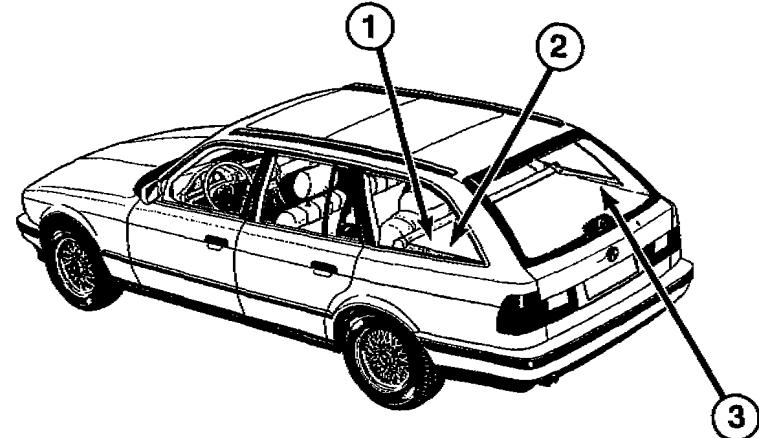


## COMPONENT LOCATION VIEWS



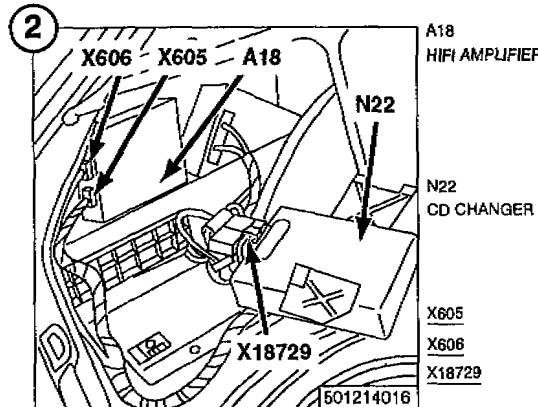
X18245





A18  
HIFI AMPLIFIER

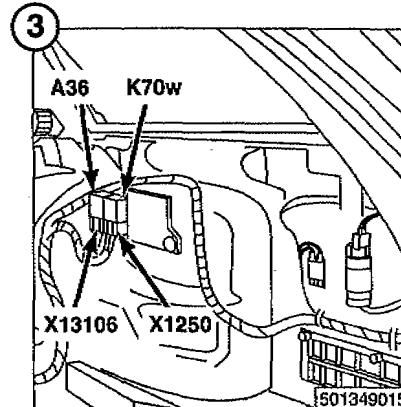
X605  
X606  
X18729



A18  
HIFI AMPLIFIER

N22  
CD CHANGER

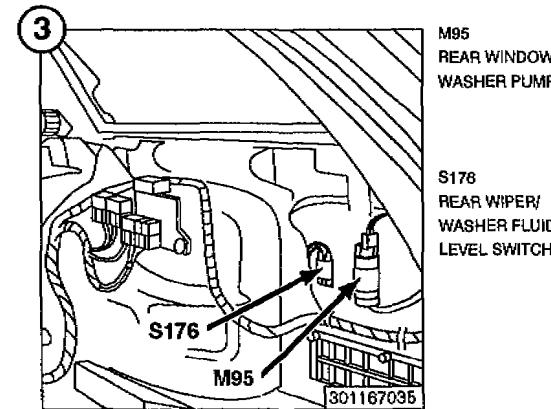
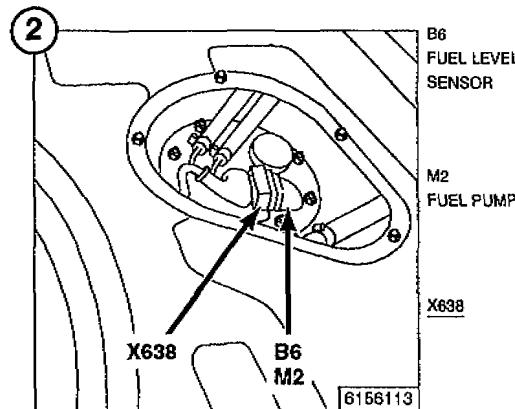
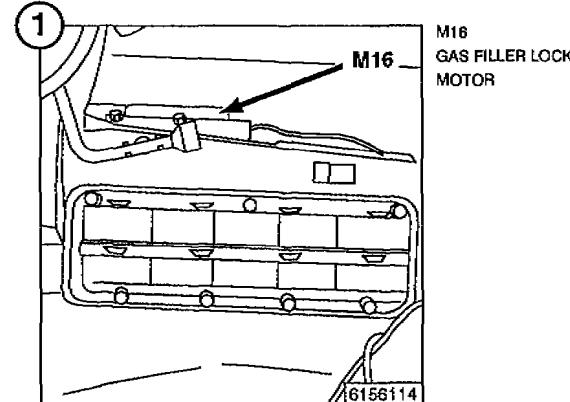
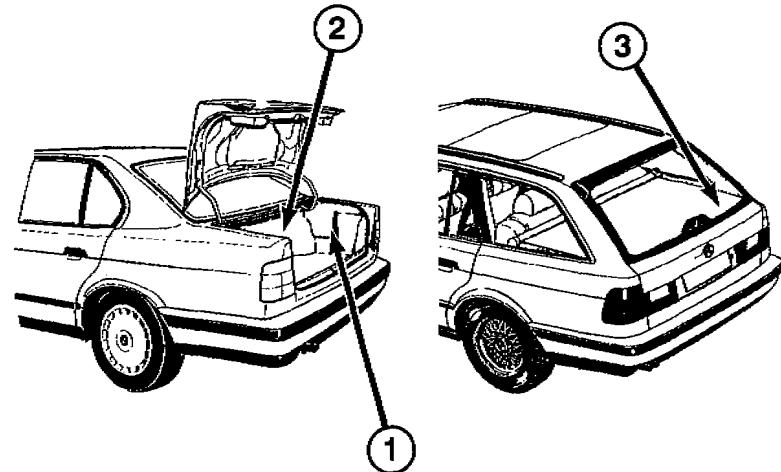
X605  
X606  
X18729

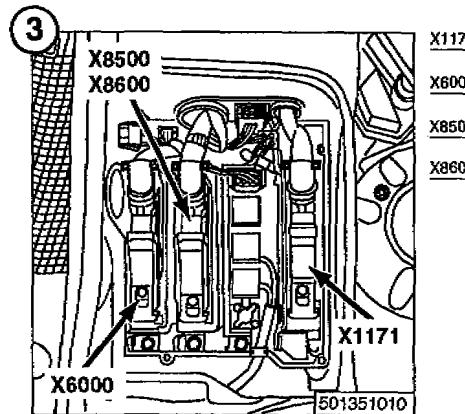
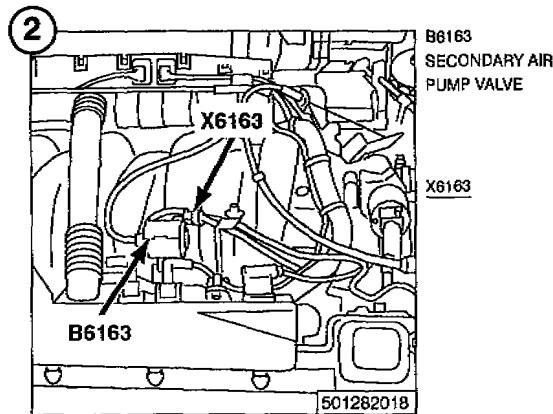
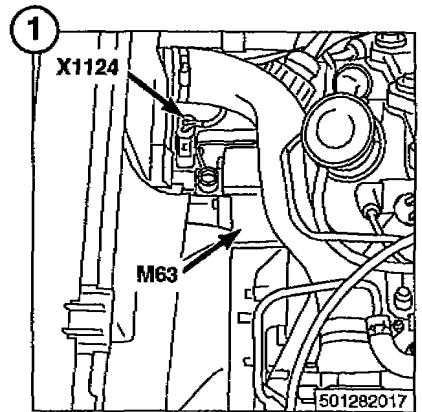
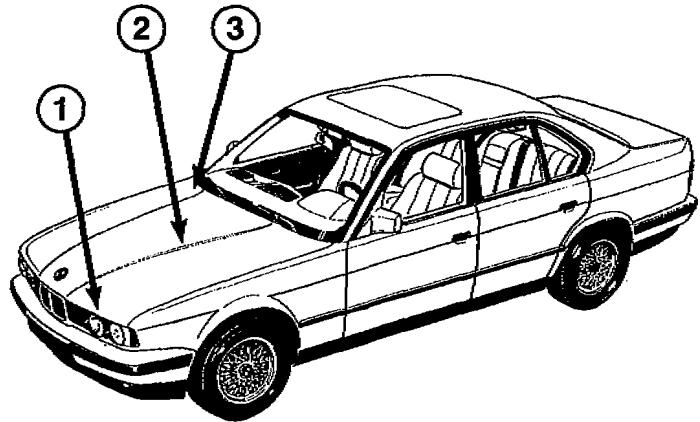


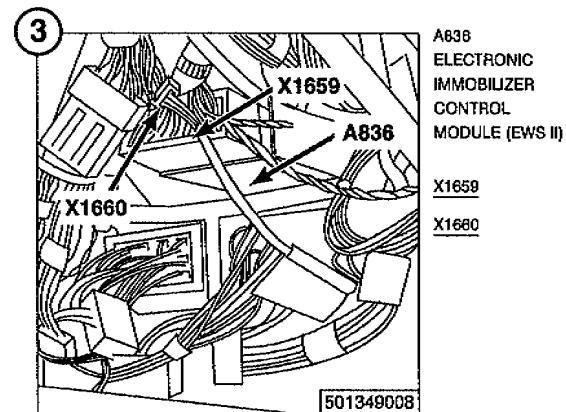
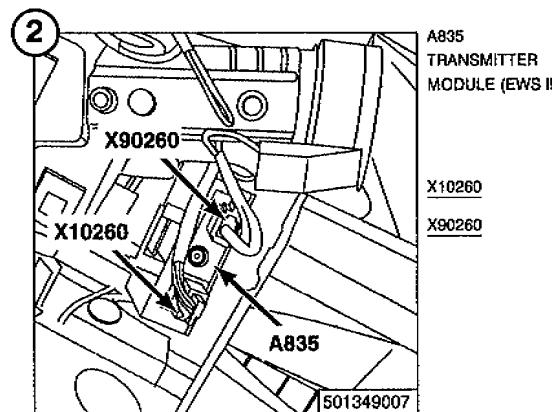
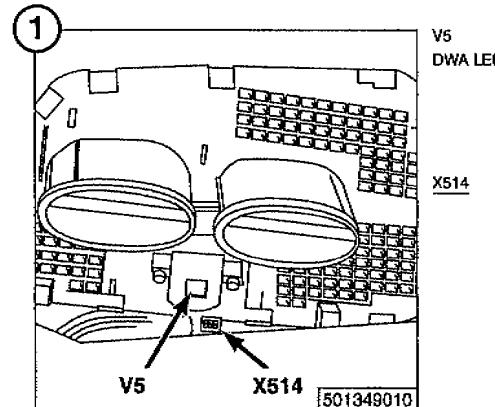
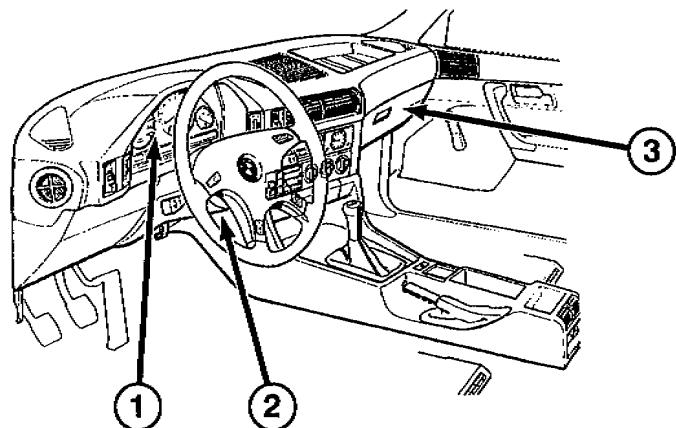
A36  
REAR WIPER/  
WASHER INTERVAL  
CONTROL  
MODULE

K70W  
REAR LID/REAR  
WINDOW SERVO  
OPENING MODULE

X1250  
X13106





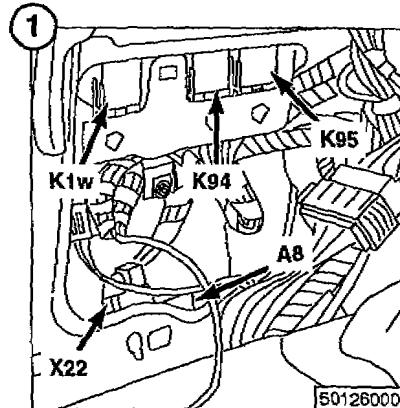
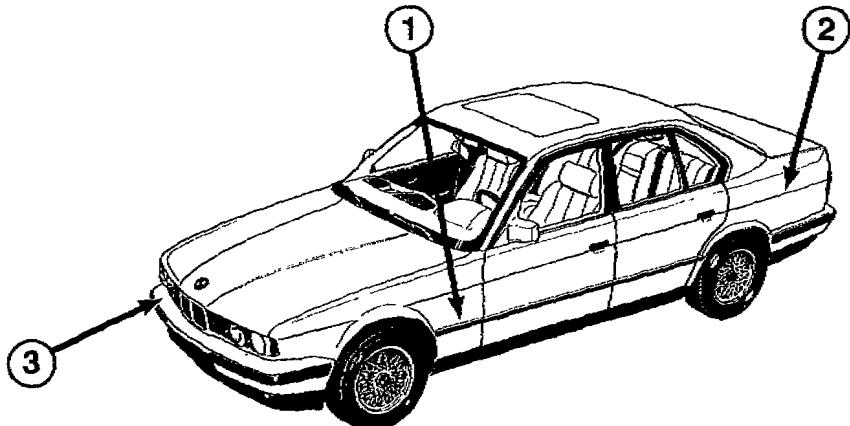


## COMPONENT LOCATION VIEWS

02797

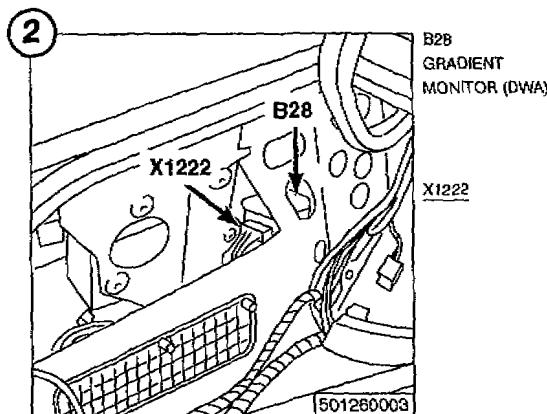
7100.0-34

1995



A8  
CRUISE CONTROL  
MODULE  
(TEMPOMAT)  
K1w  
STARTER  
IMMOBILIZATIOn  
RELAY  
K94  
ENGINE  
CONTROL  
RELAY  
(ABS/ASC)  
K95  
VALVE RELAY  
(ABS/ASC)

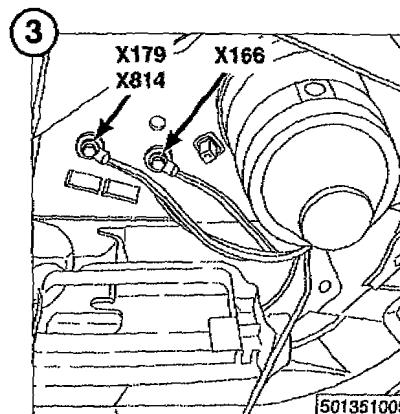
X22



B28  
GRADIENT  
MONITOR (DWA)

X1222

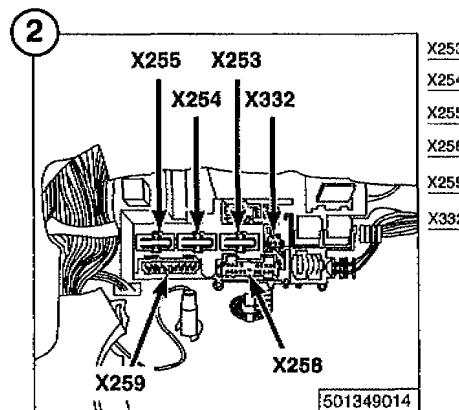
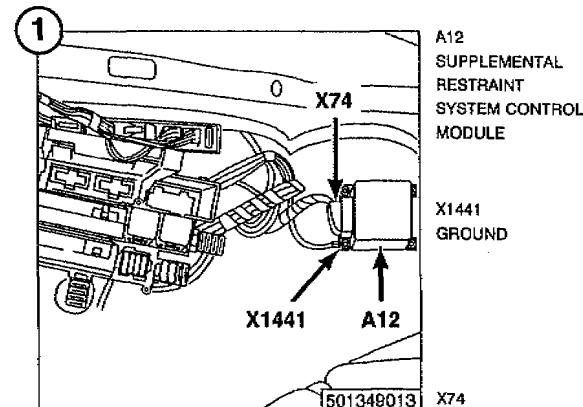
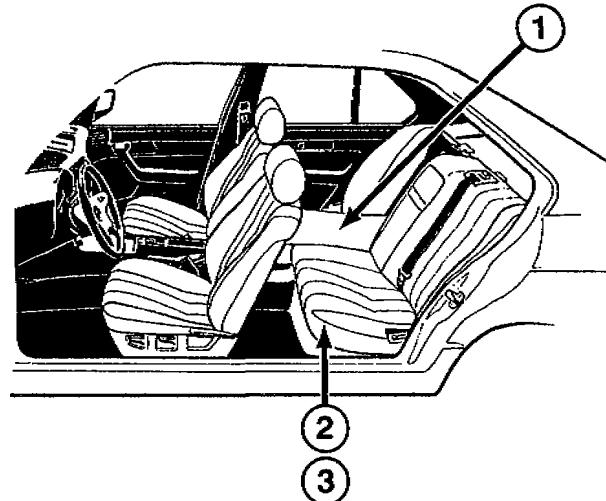
501260003



X166  
X179  
X814

501351009

## COMPONENT LOCATION VIEWS



SPLICE	HARNESS	PAGE NUMBER	SPLICE	HARNESS	PAGE NUMBER
X181-X189	FRONT	8000.0-03	X485	REAR	8000.0-05
X191-X193	FRONT	8000.0-03	X488	REAR	8000.0-05
X195-X201	FRONT	8000.0-03	X489	REAR	8000.0-05
X203-X207	FRONT	8000.0-03	X561-X564	INSTRUMENT	8000.0-04
X210	FRONT	8000.0-03	X571-X573	INSTRUMENT	8000.0-04
X212	FRONT	8000.0-03	X575-X577	INSTRUMENT	8000.0-04
X213	FRONT	8000.0-03	X579-X584	INSTRUMENT	8000.0-04
X215	FRONT	8000.0-03	X833	REAR	8000.0-05
X222-X225	FRONT	8000.0-03	X906	IHKR/F3	8000.0-06
X228	FRONT	8000.0-03	X911	REAR	8000.0-05
X239	FRONT	8000.0-03	X994	FRONT	8000.0-03
X241	FRONT	8000.0-03	X1022	FRONT	8000.0-03
X245	FRONT	8000.0-03	X1023	FRONT	8000.0-03
X246	FRONT	8000.0-03	X1029	FRONT	8000.0-03
X276	FRONT	8000.0-03	X1033	FRONT	8000.0-03
X282	REAR	8000.0-05	X1043	FRONT	8000.0-03
X428	REAR	8000.0-05	X1047	FRONT	8000.0-03
X429	REAR	8000.0-05	X1092-X1095	FRONT	8000.0-03
X431	REAR	8000.0-05	X1149	FRONT	8000.0-03
X433	REAR	8000.0-05	X1159	INSTRUMENT	8000.0-04
X435	REAR	8000.0-05	X1224	REAR	8000.0-05
X439	REAR	8000.0-05	X1225	INSTRUMENT	8000.0-04
X441-X445	REAR	8000.0-05	X1226	REAR	8000.0-05
X448-X451	REAR	8000.0-05	X1228	REAR	8000.0-05
X455-X470	REAR	8000.0-05	X1244	REAR	8000.0-05
X475	REAR	8000.0-05	X1256-X1258	REAR	8000.0-05
X479	REAR	8000.0-05	X1294	REAR	8000.0-05
X481	REAR	8000.0-05	X1362	REAR	8000.0-05

SPLICE	HARNESS	PAGE NUMBER	SPLICE	HARNESS	PAGE NUMBER
X1366 .....	REAR .....	8000.0-05	X6822 .....	M50 ENGINE .....	8000.0-08
X1367 .....	REAR .....	8000.0-05	X6824 .....	M60 ENGINE .....	8000.0-07
X1402 .....	INSTRUMENT .....	8000.0-04	X6825 .....	M60 ENGINE .....	8000.0-07
X1417 .....	INSTRUMENT .....	8000.0-04	X6829 .....	M60 ENGINE .....	8000.0-07
X1418 .....	INSTRUMENT .....	8000.0-04	X6830 .....	M50 ENGINE .....	8000.0-08
X1419 .....	INSTRUMENT .....	8000.0-04	X6830 .....	M60 ENGINE .....	8000.0-07
X1421-X1423 .....	INSTRUMENT .....	8000.0-04	X6831 .....	M50 ENGINE .....	8000.0-08
X1428 .....	INSTRUMENT .....	8000.0-04	X6832 .....	M50 ENGINE .....	8000.0-08
X6245 .....	M60 ENGINE .....	8000.0-07	X6832 .....	M60 ENGINE .....	8000.0-07
X6410 .....	M50 ENGINE .....	8000.0-08	X6835 .....	M50 ENGINE .....	8000.0-08
X6411 .....	M50 ENGINE .....	8000.0-08	X6836 .....	M60 ENGINE .....	8000.0-07
X6412 .....	M60 ENGINE .....	8000.0-07	X6841 .....	M60 ENGINE .....	8000.0-07
X6458 .....	M60 ENGINE .....	8000.0-07	X6842 .....	M60 ENGINE .....	8000.0-07
X6459 .....	M60 ENGINE .....	8000.0-07	X6845 .....	M60 ENGINE .....	8000.0-07
X6459 .....	M50 ENGINE .....	8000.0-08	X6845 .....	M50 ENGINE .....	8000.0-08
X6460 .....	M50 ENGINE .....	8000.0-08	X6846 .....	M50 ENGINE .....	8000.0-08
X6461 .....	M50 ENGINE .....	8000.0-08	X6846-X6848 .....	M60 ENGINE .....	8000.0-07
X6474 .....	M60 ENGINE .....	8000.0-07	X6860 .....	M60 ENGINE .....	8000.0-08
X6475 .....	M60 ENGINE .....	8000.0-07	X6863 .....	M50 ENGINE .....	8000.0-08
X6475 .....	M50 ENGINE .....	8000.0-08	X6863 .....	M60 ENGINE .....	8000.0-07
X6491 .....	M60 ENGINE .....	8000.0-07	X6866 .....	M60 ENGINE .....	8000.0-07
X6492 .....	M50 ENGINE .....	8000.0-08	X6866 .....	M50 ENGINE .....	8000.0-08
X6810 .....	M60 ENGINE .....	8000.0-07	X6880 .....	M50 ENGINE .....	8000.0-08
X6810 .....	M50 ENGINE .....	8000.0-08	X6891 .....	M60 ENGINE .....	8000.0-07
X6820 .....	M60 ENGINE .....	8000.0-07	X6900-X6906 .....	M50 ENGINE .....	8000.0-08
X6820 .....	M50 ENGINE .....	8000.0-08	X6901-X6908 .....	M60 ENGINE .....	8000.0-07
X6821 .....	M60 ENGINE .....	8000.0-07	X7163 .....	M60 ENGINE .....	8000.0-07
X6821 .....	M50 ENGINE .....	8000.0-08	X8004 .....	M60 ENGINE .....	8000.0-07



## SPLICING LOCATION VIEWS

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SPLICING	HARNESS	PAGE NUMBER	SPLICING	HARNESS	PAGE NUMBER
X8004 .....	M50 ENGINE .....	8000.0-08	X10090 .....	FRONT .....	8000.0-03
X8007 .....	M60 ENGINE .....	8000.0-07	X11247 .....	FRONT .....	8000.0-03
X8007 .....	M50 ENGINE .....	8000.0-08	X11248 .....	FRONT .....	8000.0-03
X8010 .....	M60 ENGINE .....	8000.0-07	X11249 .....	FRONT .....	8000.0-03
X8010 .....	M50 ENGINE .....	8000.0-08	X11251 .....	FRONT .....	8000.0-03
X8015 .....	M60 ENGINE .....	8000.0-07	X11252 .....	FRONT .....	8000.0-03
X8015 .....	M50 ENGINE .....	8000.0-08	X11262 .....	FRONT .....	8000.0-03
X8022 .....	M50 ENGINE .....	8000.0-08	X13035 .....	REAR .....	8000.0-05
X8024 .....	REAR .....	8000.0-05	X13115 .....	REAR .....	8000.0-05
X8025 .....	M50 ENGINE .....	8000.0-08	X13116 .....	REAR .....	8000.0-05
X8041 .....	M60 ENGINE .....	8000.0-07	X13117 .....	REAR .....	8000.0-05
X8042 .....	M50 ENGINE .....	8000.0-08	X13163 .....	REAR .....	8000.0-05
X8051 .....	M50 ENGINE .....	8000.0-08	X13244-X13250 .....	REAR .....	8000.0-05
X8054 .....	M50 ENGINE .....	8000.0-08	X13259 .....	REAR .....	8000.0-05
X8056 .....	M50 ENGINE .....	8000.0-08	X18158-X18163 .....	IHKR/F3 .....	8000.0-06
X8071 .....	M50 ENGINE .....	8000.0-08	X18328 .....	FRONT .....	8000.0-03
X8072 .....	M60 ENGINE .....	8000.0-07	X19525 .....	FRONT .....	8000.0-03
X8072 .....	M50 ENGINE .....	8000.0-08	X19526 .....	FRONT .....	8000.0-03
X8074 .....	M60 ENGINE .....	8000.0-07			
X8084 .....	M50 ENGINE .....	8000.0-08			
X8510 .....	INSTRUMENT .....	8000.0-04			
X8528 .....	M60 ENGINE .....	8000.0-07			
X8561 .....	M60 ENGINE .....	8000.0-07			
X10021 .....	FRONT .....	8000.0-03			
X10027 .....	FRONT .....	8000.0-03			
X10060 .....	FRONT .....	8000.0-03			
X10080 .....	FRONT .....	8000.0-03			
X10081 .....	FRONT .....	8000.0-03			

8000.0-02

1995



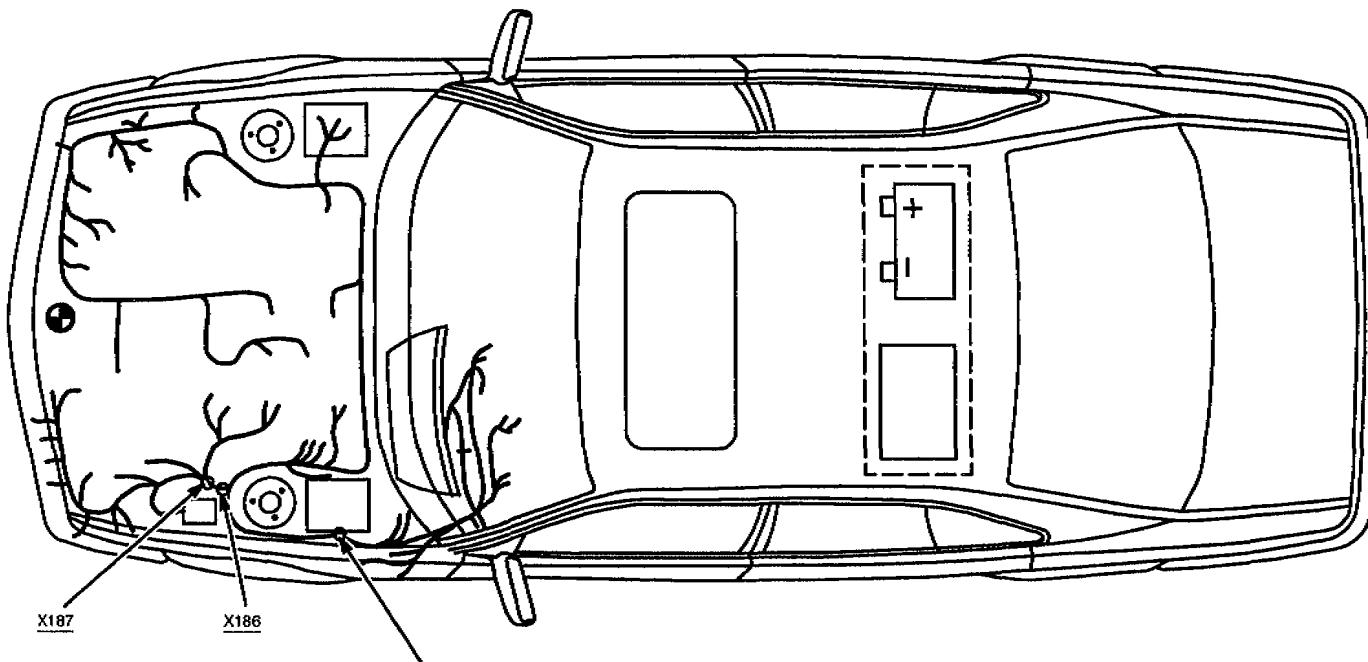
## SPLICE LOCATION VIEWS

### FRONT HARNESS

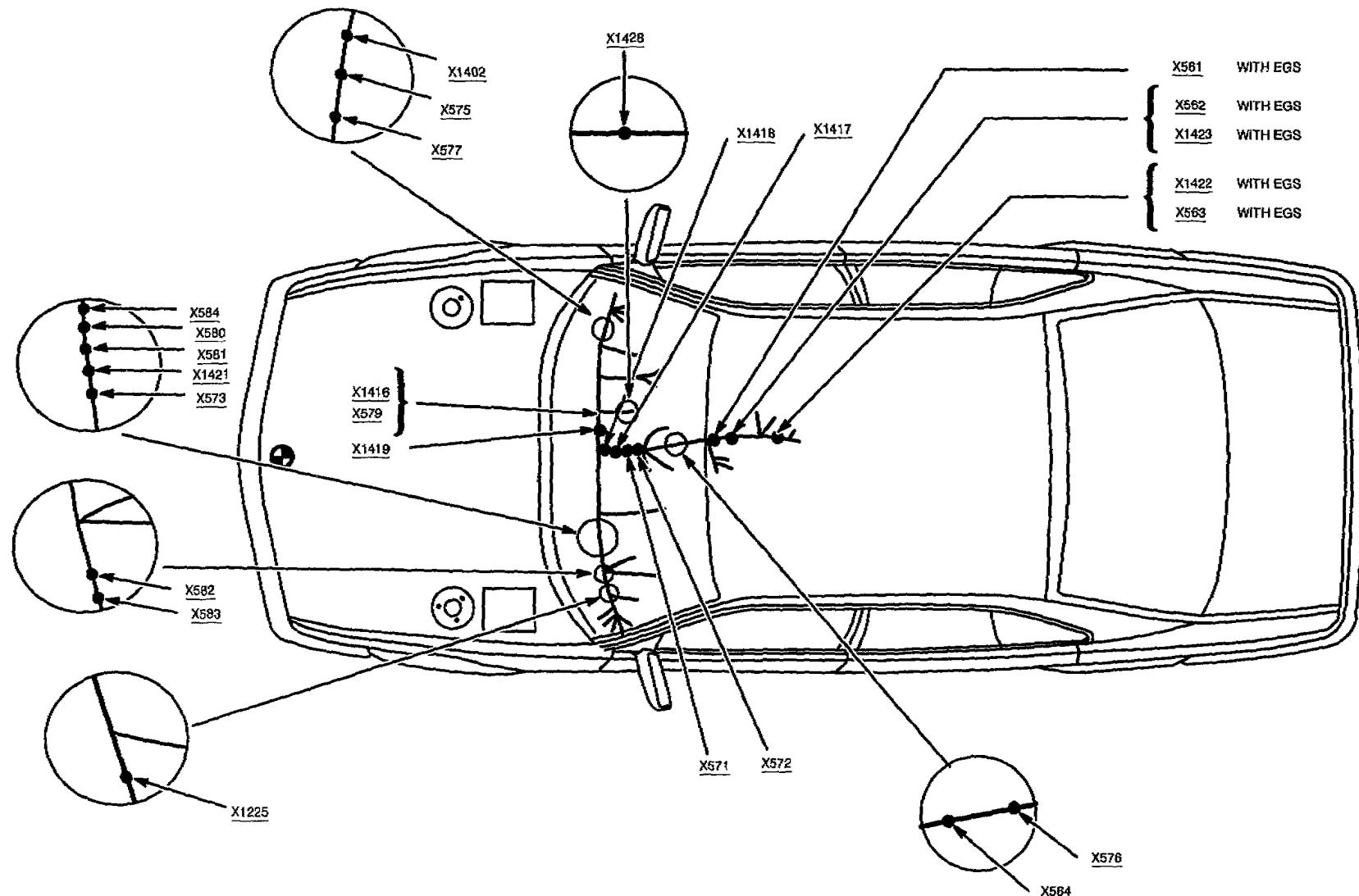
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X181	•	X196	•	X210	•	X245	•	X1093	•	X11247	•
X182	•	X197	•	X212	•	X246	•	X1094	•	X11248	•
X183	•	X198	•	X213	•	X276	•	X1095	•	X11249	•
X184	•	X199	•	X215	•	X994	•	X1149	•	X11251	•
X185	•	X200	•	X222	•	X1022	•	X1159	•	X11252	•
X188	•	X201	•	X223	•	X1023	•	X10021	•	X11262	•
X189	•	X203	•	X224	•	X1028	•	X10027	•	X18328	•
X191	•	X204	•	X225	•	X1033	•	X10060	•	X19525	•
X192	•	X205	•	X228	•	X1043	•	X10080	•	X19526	•
X193	•	X206	•	X239	•	X1047	•	X10081	•		
X195	•	X207	•	X241	•	X1092	•	X10090	•		





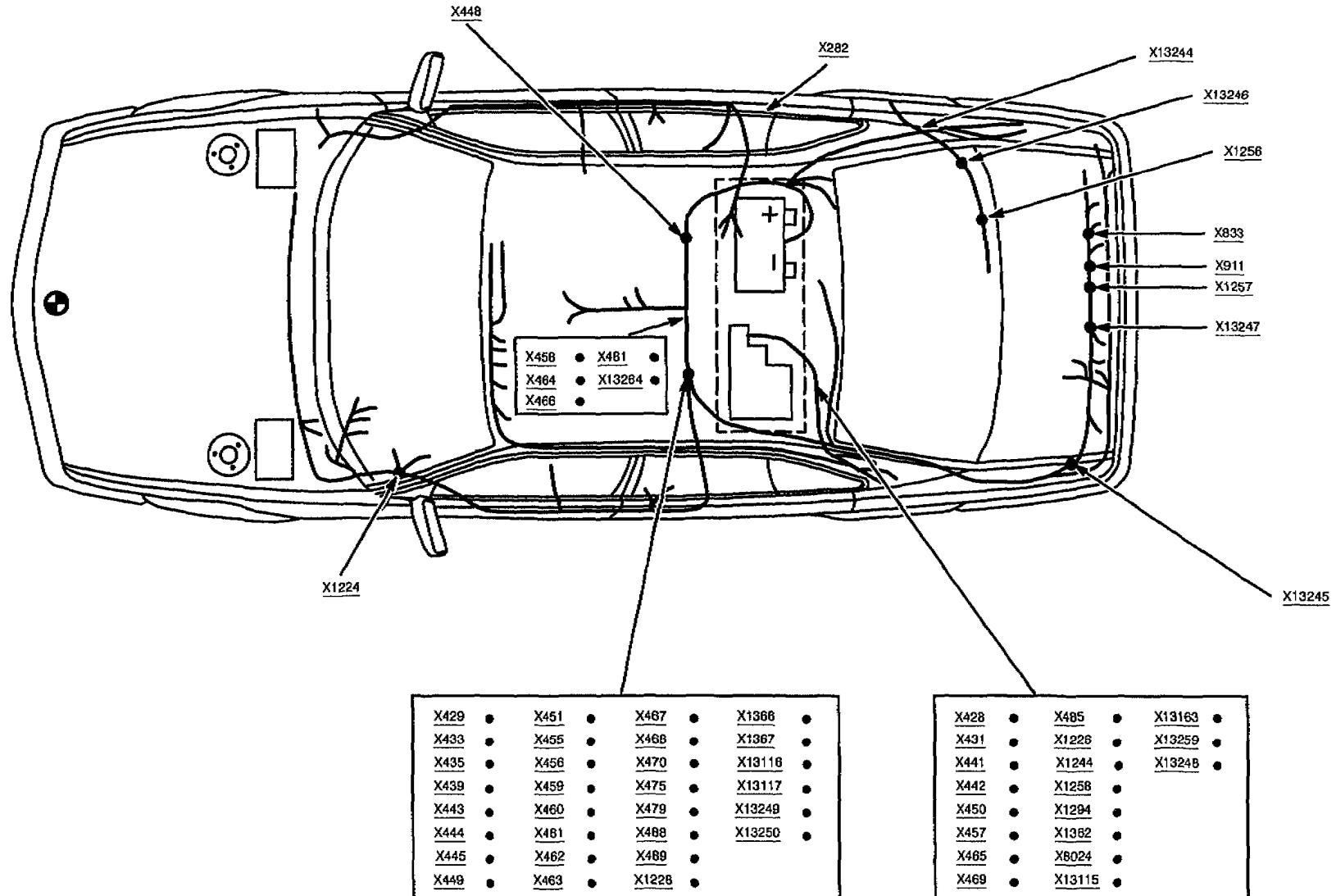
## SPLICE LOCATION VIEWS

### REAR HARNESS

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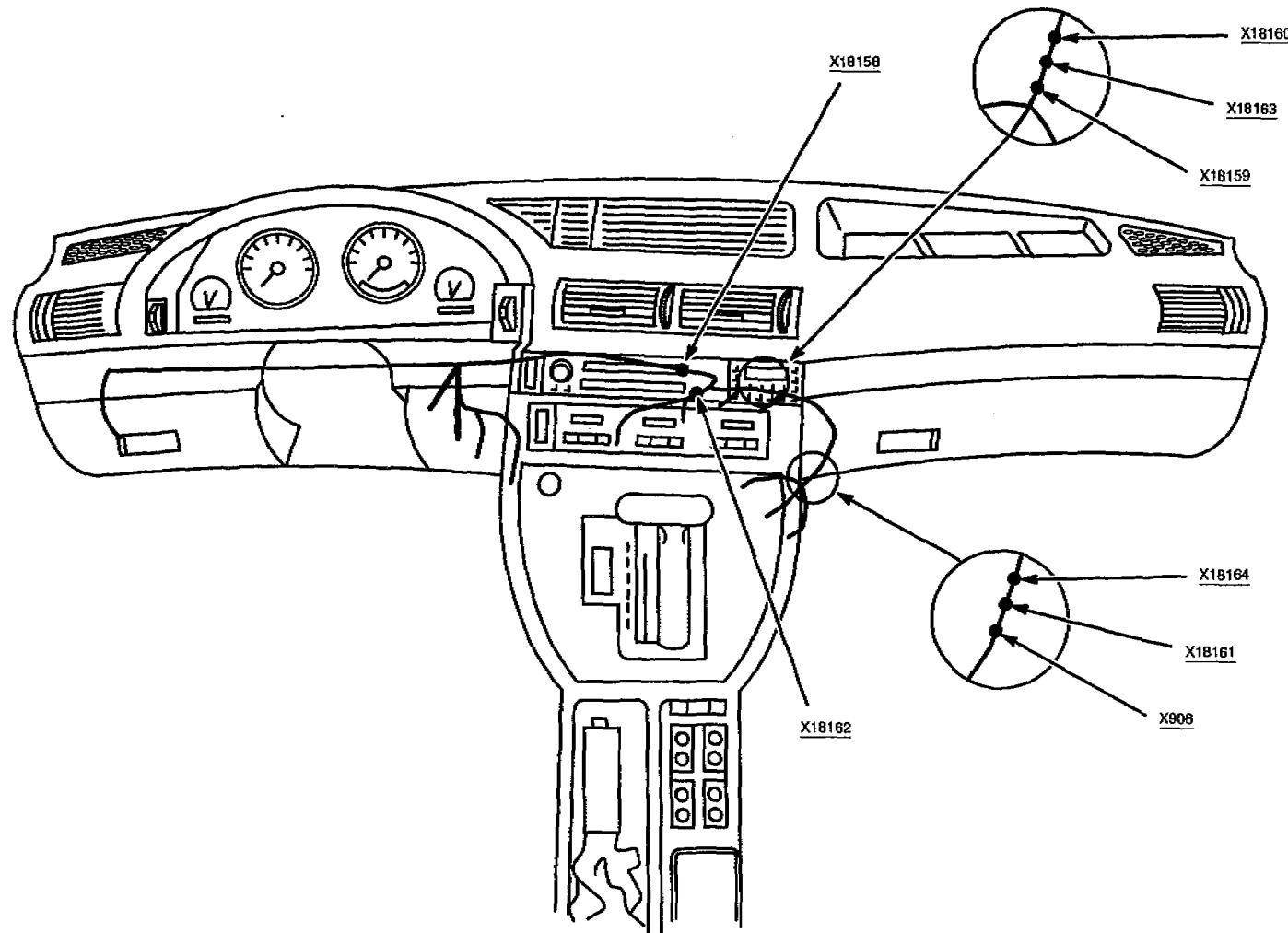
## SPLICE LOCATION VIEWS

### IHKR/F3 HARNESS

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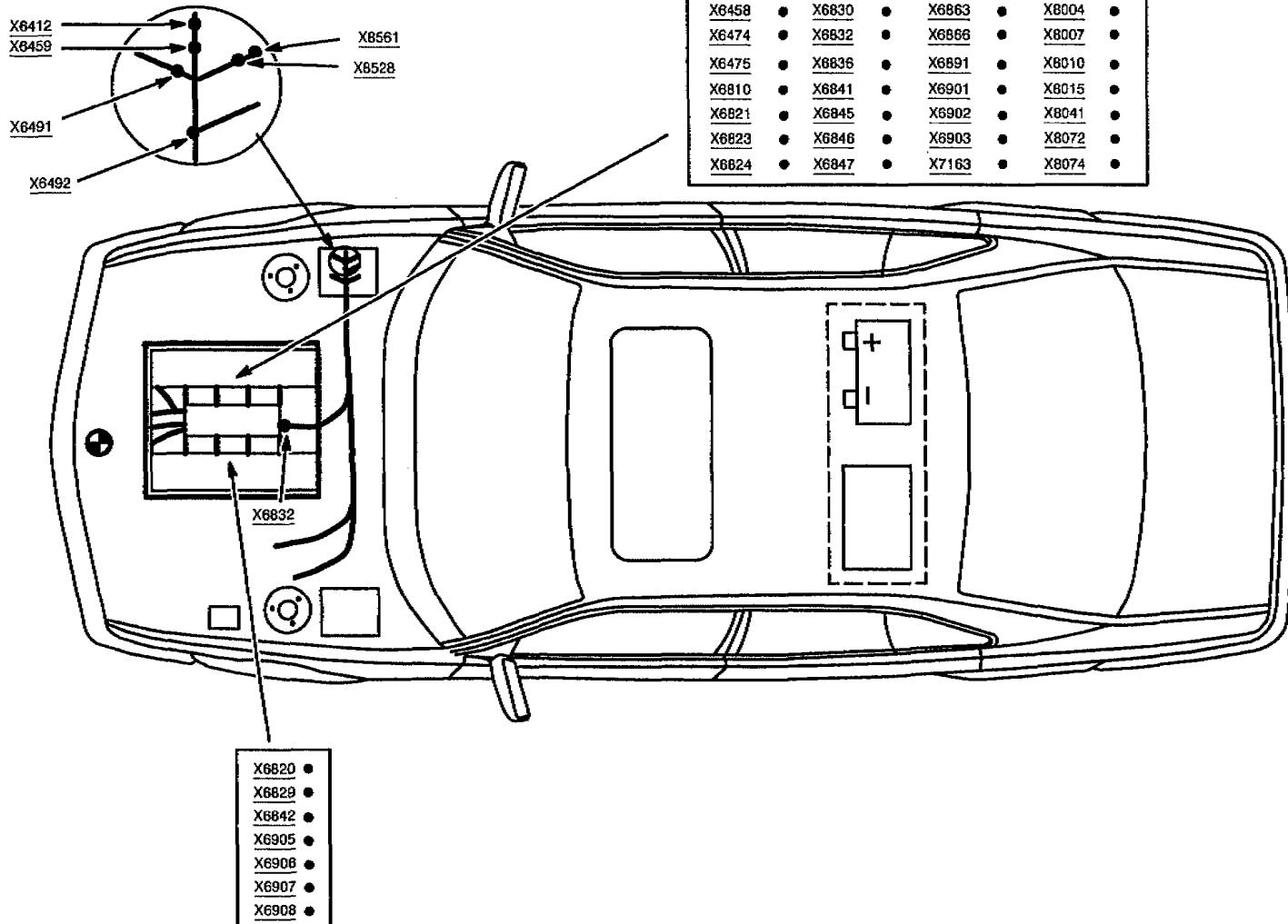


## SPLICE LOCATION VIEWS

### M60 HARNESS

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8000.0-07





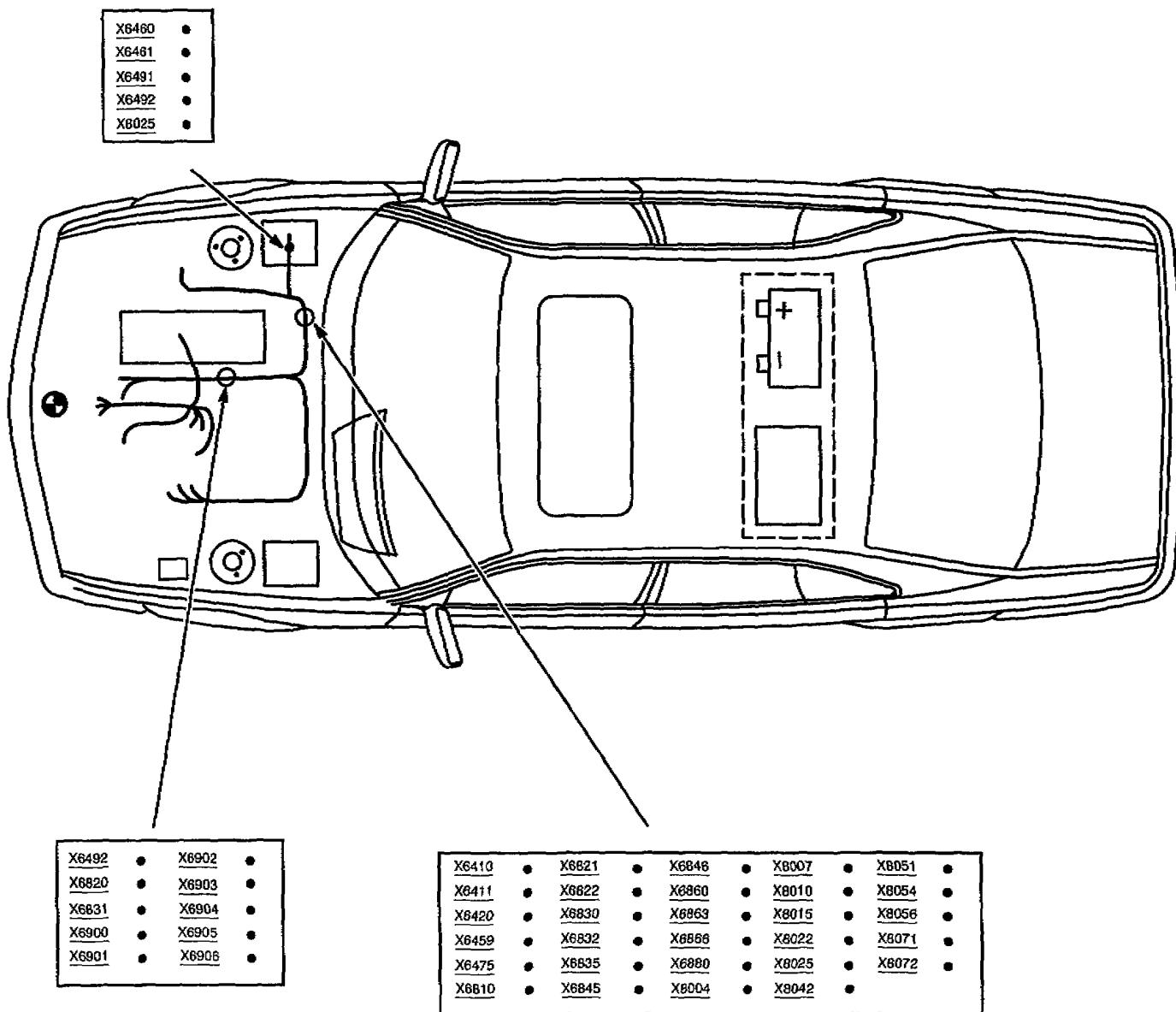
## SPLICE LOCATION VIEWS

### M50 ENGINE HARNESS

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**BMW**  
**5**

8500.0

FIG 1

B550001 00

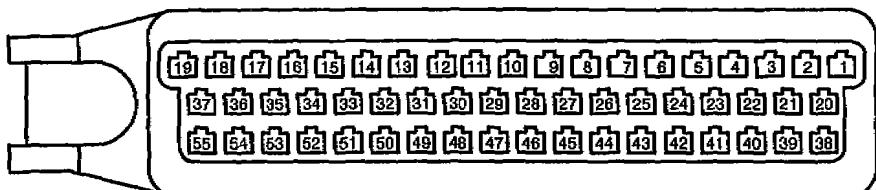


FIG 2

B350001 00

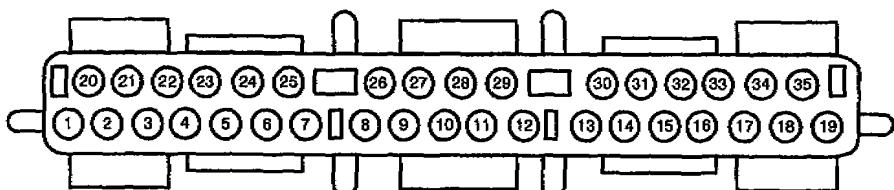


FIG 3

B350002 00

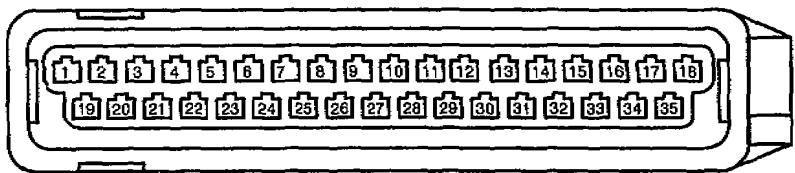
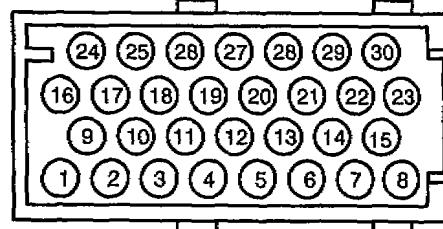


FIG 4

B300001 00





## CONNECTOR VIEWS

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FIG. 1

B260002.00

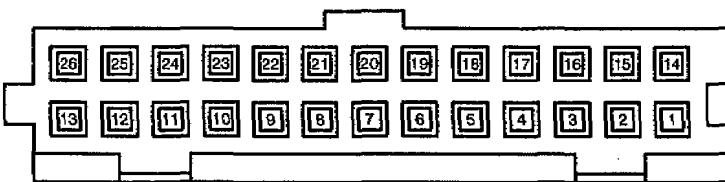


FIG. 2

B180002.00

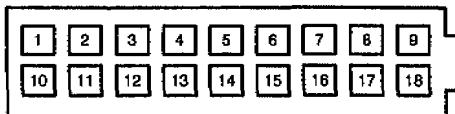


FIG. 3

B210001.00

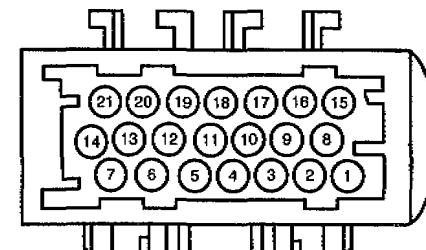


FIG. 4

B240001.00

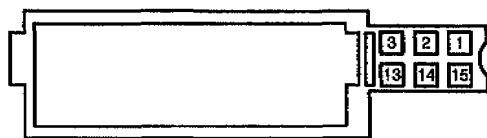


FIG. 5

B080003.00

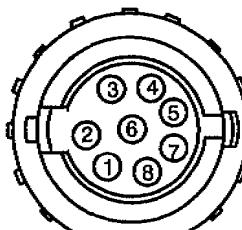


FIG. 6

B120013.00

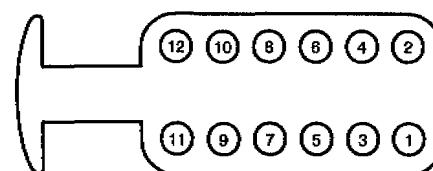


FIG. 1

B120002.02

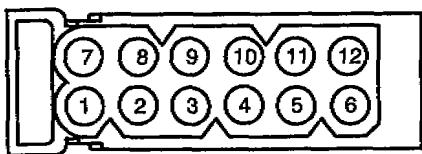


FIG. 2

B250003.00

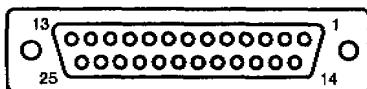


FIG. 3

B090001.00

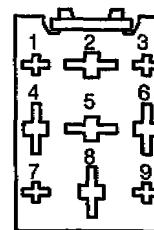


FIG. 4

B050005.00

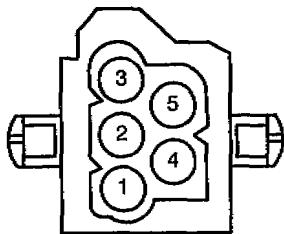


FIG. 5

B030006.00

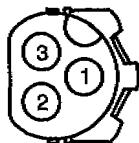
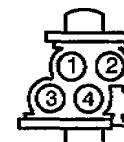


FIG. 6

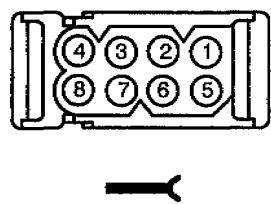
B040003.00



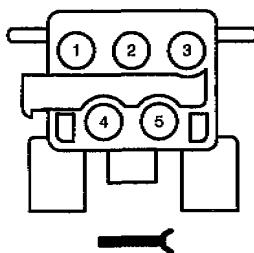
## CONNECTOR VIEWS

**FIG. 1**

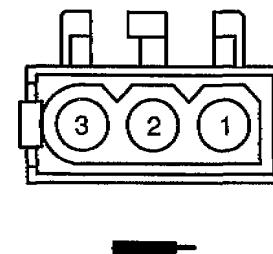
B080002.00

**FIG. 2**

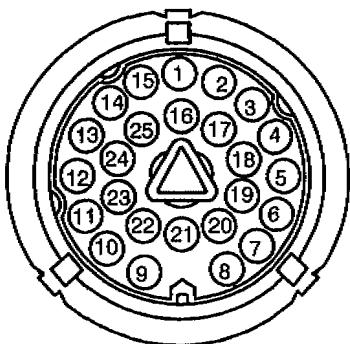
B050006.00

**FIG. 3**

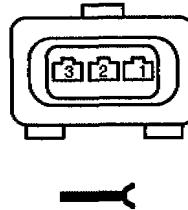
B030001.00

**FIG. 4**

B250001.00

**FIG. 5**

B030015.10

**FIG. 6**

B040006.03

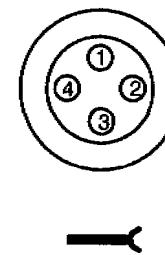


FIG. 1

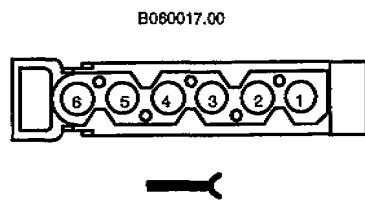


FIG. 2

B170001.00

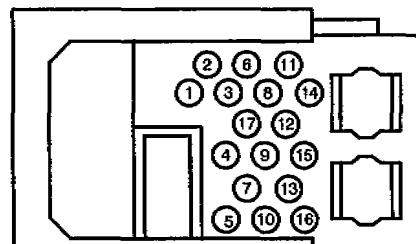


FIG. 3



FIG. 4

B060006.00

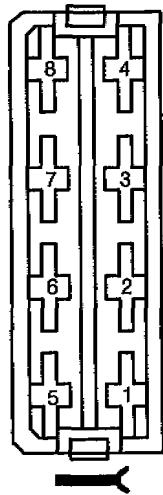


FIG. 5

B030012.00

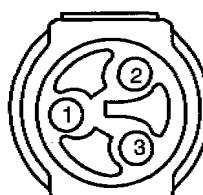
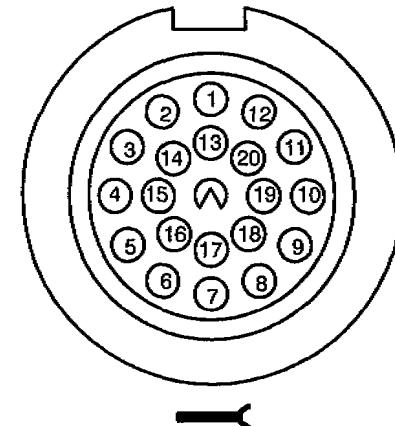


FIG. 6

B200003.01



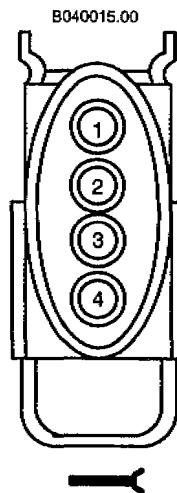
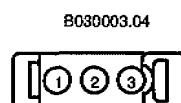
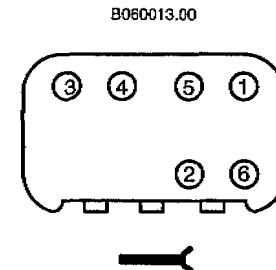
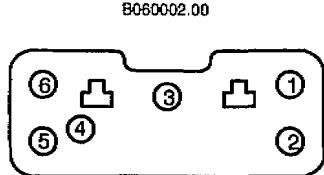
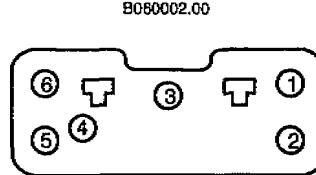
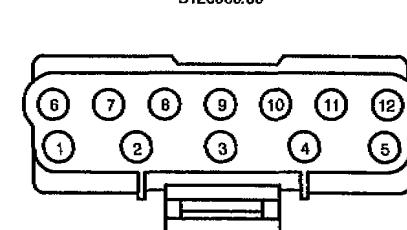
**FIG. 1****FIG. 2****FIG. 3****FIG. 4****FIG. 5****FIG. 6**

FIG. 1

B060005.09

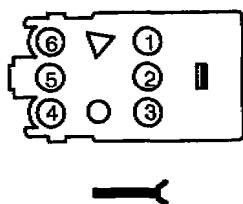


FIG. 2

B050003.00

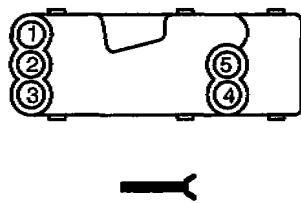


FIG. 3

B040004.00

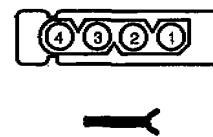


FIG. 4

B120004.01

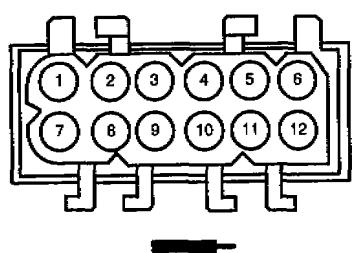


FIG. 5

B040002.00

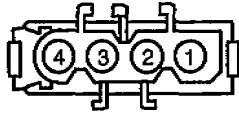
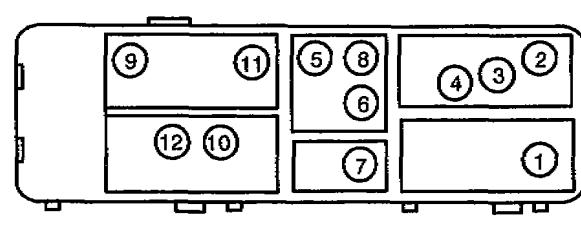


FIG. 6

B120008.00





## CONNECTOR VIEWS

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FIG. 1

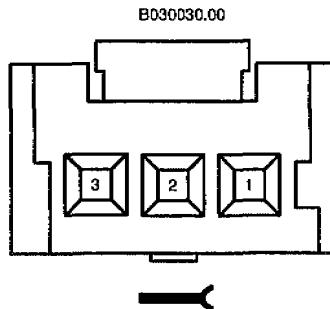


FIG. 2

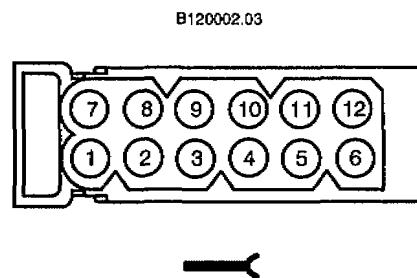


FIG. 3

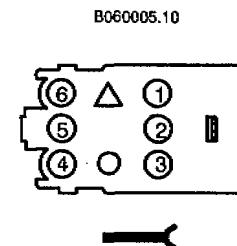


FIG. 4

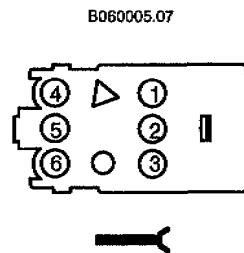


FIG. 5

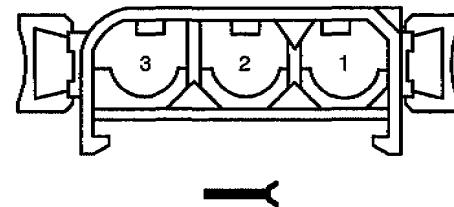


FIG. 6

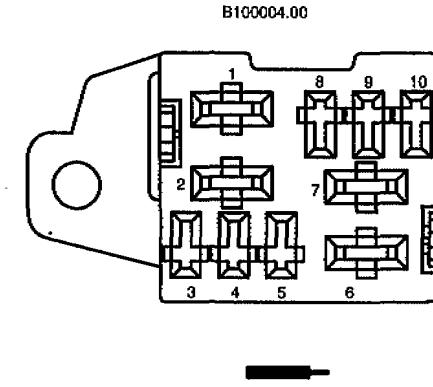


FIG. 1

B210002.00

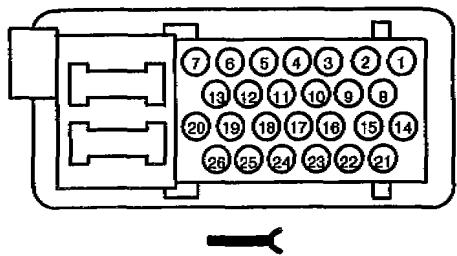


FIG. 2

B120011.00

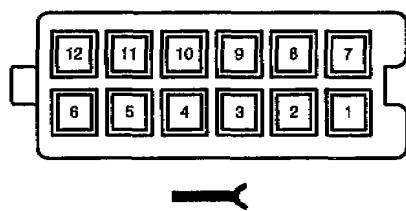


FIG. 3

B120011.00

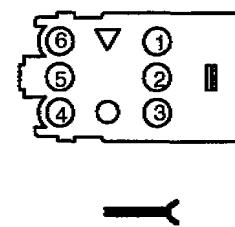


FIG. 4

B200001.00

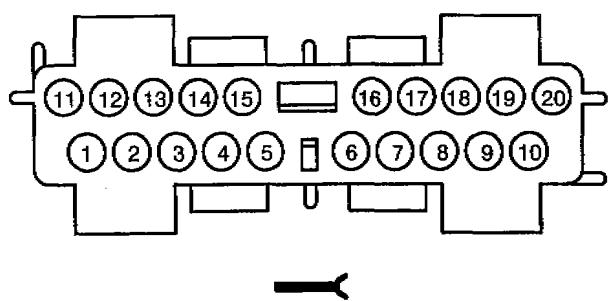


FIG. 5

B030015.08

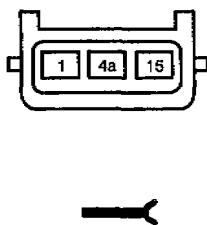
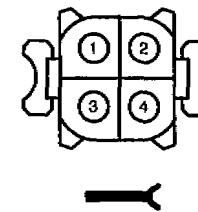


FIG. 6

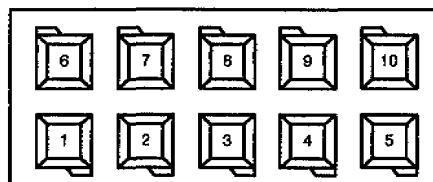
B040010.00



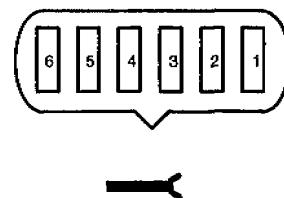
## CONNECTOR VIEWS

**FIG. 1**

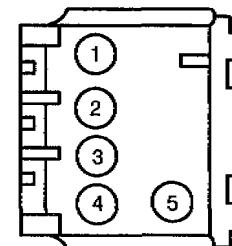
B100008.00

**FIG. 2**

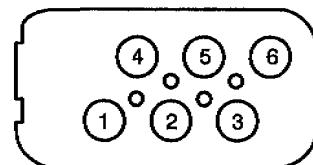
B060023.00

**FIG. 3**

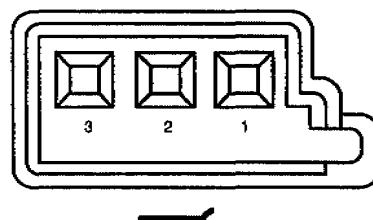
B050002.00

**FIG. 4**

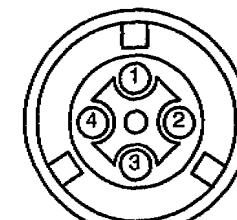
B060043.00

**FIG. 5**

B030022.00

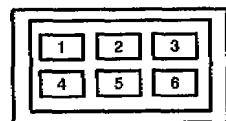
**FIG. 6**

B040016.00

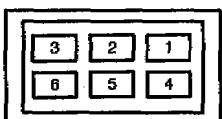


**FIG. 1**

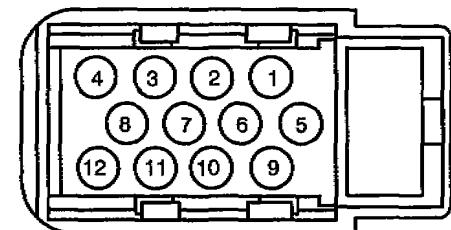
B060019.00

**FIG. 2**

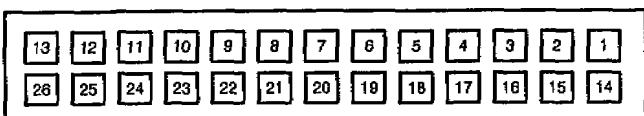
B060019.03

**FIG. 3**

B120003.01

**FIG. 4**

B260005.00

**FIG. 5**

B260002.00

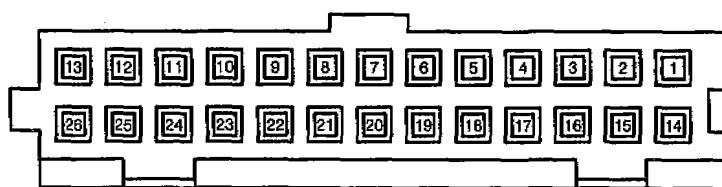


FIG. 1

B300002.00

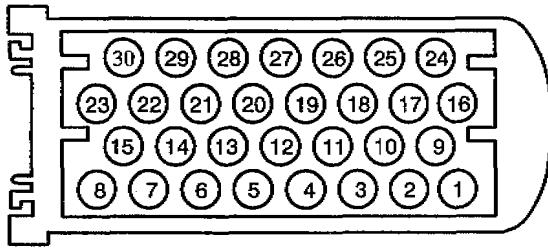


FIG. 2

B080001.00

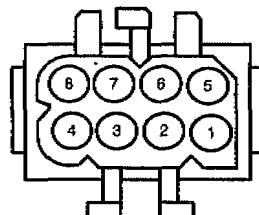


FIG. 3

B180000.00

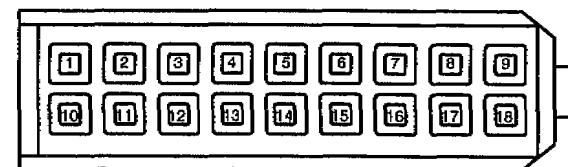


FIG. 4

B070005.00

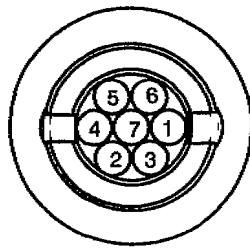


FIG. 5

B040018.01

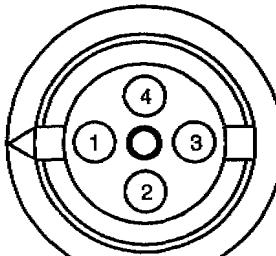


FIG. 6

B040020.00

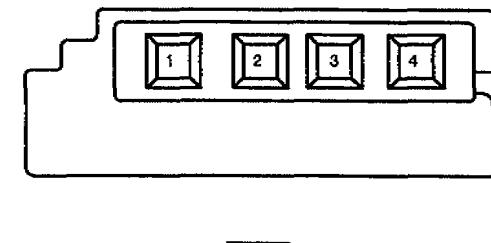


FIG. 1

B880001.00

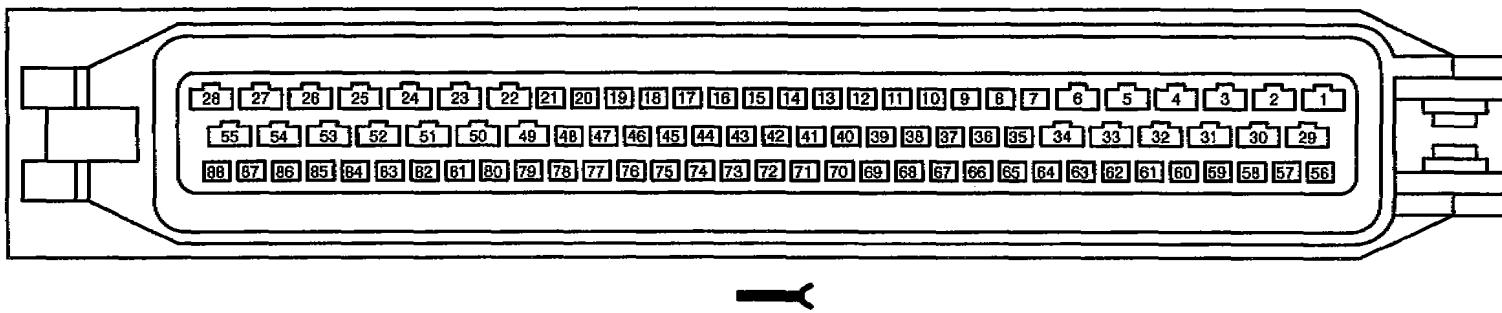


FIG. 2

B030042.00

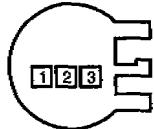
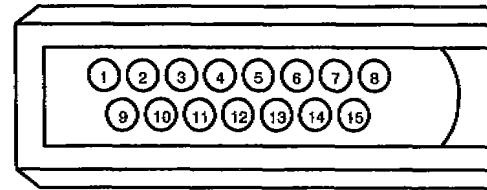


FIG. 3

B150008.00





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FIG. 1

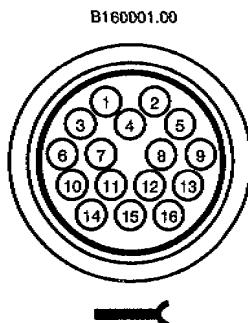


FIG. 2

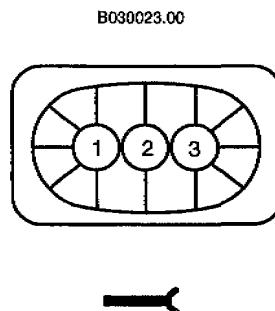


FIG. 3

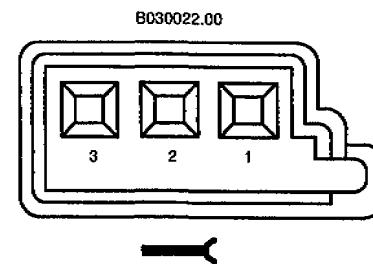


FIG. 4

B040020.01

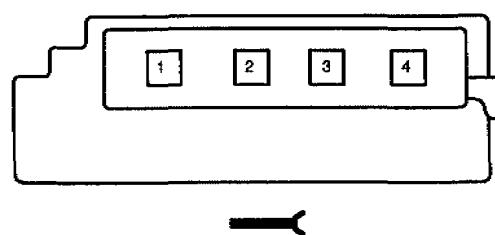
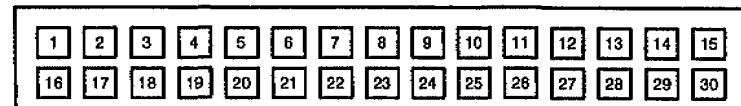


FIG. 5

B300004.00



8500.0-13

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8500.0-14