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**1997**

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**BMW**

**318is/c, 328i/c,  
M3 (E36)**

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**Electrical**

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**Troubleshooting**

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**Manual**

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Vehicles Produced 9/96 thru 8/97



# ELECTRICAL TROUBLESHOOTING MANUAL

## SERIES 3 – E36 (318is, 328i, M3, INCL. CONVERTIBLE)

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### MODEL YEAR 1997

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REAR DOOR POWER WINDOW SWITCH (DOOR), RH, S42y .....	5133.1-02	SEATBACK HEATER, DRIVER'S, E56 .....	5203.0-00
REAR POWER WINDOW SWITCH, LH, S128z .....	5133.1-03	SEATBACK HEATER, PASSENGER'S, E59 .....	5203.0-00
REAR POWER WINDOW SWITCH, RH, S129z .....	5133.1-03	SEATBACK RECLINER MOTOR, DRIVER'S, M53 .....	5200.0-00
REAR RECIRCULATION FLAP MOTOR, M46 .....	6450.7-03	SEATBACK RECLINER MOTOR, PASSENGER'S, M58 .....	5200.0-01
REAR WINDOW BLOWER MICRO SWITCH, S196 .....	5430.1-01	SECONDARY AIR PUMP RELAY, K6304 .....	1210.17-05
REAR WINDOW BLOWER RELAY, K99 .....	6424.0-01	SECONDARY AIR PUMP VALVE, Y6163 .....	1210.17-05
REAR WINDOW BLOWER, M105 .....	6424.0-01	SHIFT-LOCK, Y19 .....	2460.
REAR WINDOW DEFROGGER/ANTENNA .....	6424.0	SIDE AIR BAG GAS GENERATOR, LEFT, G14 .....	3234.0-01
		SIDE AIR BAG GAS GENERATOR, RIGHT, G15 .....	3234.0-01
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## Schematics

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

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

**Important:** The components and wires are not drawn to scale. For instance, a lead with a length of over 1m can be shown as a lead 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**.

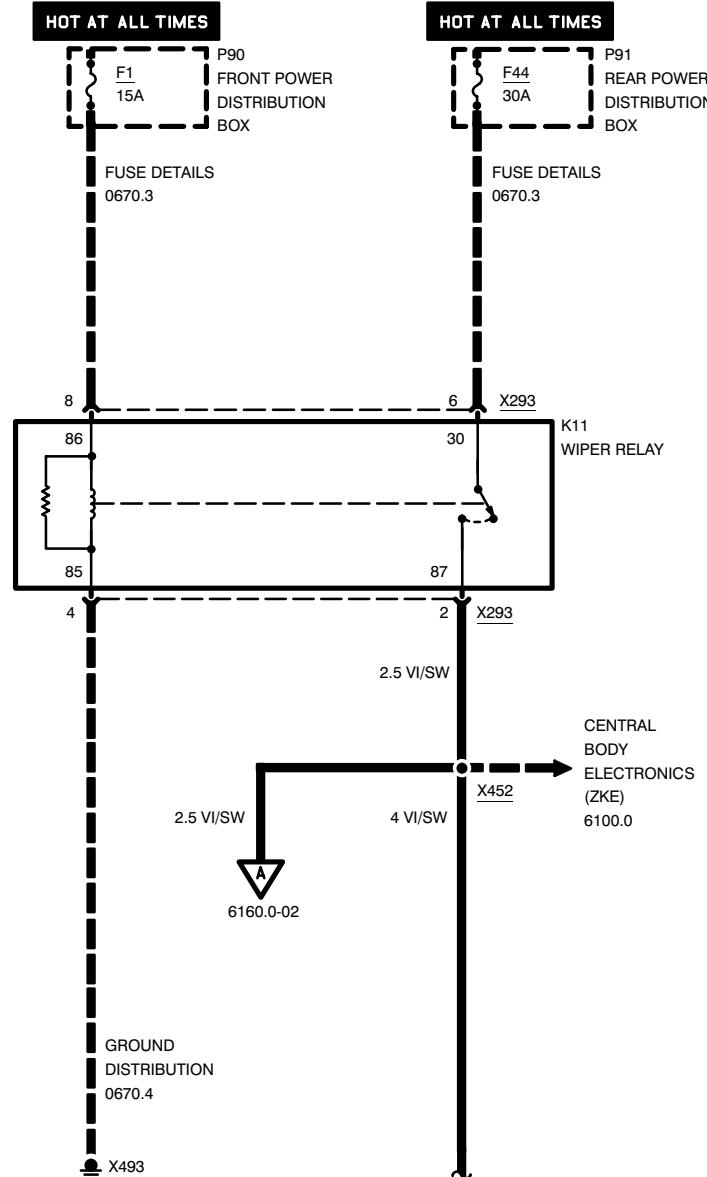
In cell **7000.0 Component Location Chart** all important connectors, ground points and components are listed in tabular form. It provides a precise description of the component locations in the vehicle.

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 **8000.0 Splice Location Views** all splices are listed in numerical order and illustrations are provided to assist in locating splices on larger harnesses. In cell **8500.0 Connector Views** diagrams of connectors with more than 2 pins are illustrated.

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

## Example

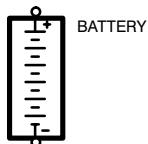
General conventions can be explained based on the following schematic example.



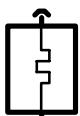
**General Conventions**

1. Switches and relays are always shown in rest position (e.g. K11).
2. A component shown in a dashed frame signifies that the component is illustrated only in part (e.g. P90 and P91).
3. A component shown in a completely drawn frame signifies that the component is illustrated in full (e.g. K11).
4. The dashed line between pin 8 and pin 6 of connector X293 indicates that both pins belong to connector X293.
5. The dashed line from fuse F1 to pin 8 of connector X293 shows the positive supply of relay K11. If required, refer to cell **0670.3 Fuse Details** at fuse F1 for the complete line progressing with plug connections, line branches, wire colors and cross sections.
6. The dashed line with an arrow at splice X452 indicates that several wires lead to splice X452. All lines leading to the connection are illustrated in cell **6100.0 Central Body Electronics (ZKE)**. An interrupted line with an arrow indicates that only this one wire leads to another circuit.
7. The dashed line from pin 4 of connector X293 to ground X493 shows the ground supply for relay K11. If required, refer to cell **0670.4 Ground Distribution** at ground X493 for the complete line progression with all plug connections, line branches, wire colors, and cross sections.
8. The interrupted line from splice X452 with an **A** in the open arrow is continued on page 6160.0–02.  
Termination of wire 4 VI/SW from splice X452 with a wavy line indicates that the wire is continued on the opposite page.

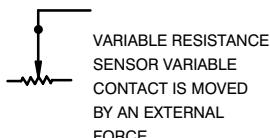
# SYMBOLS



BATTERY



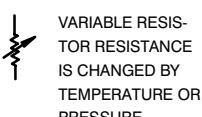
HEATING ELEMENT

VARIABLE RESISTANCE  
SENSOR VARIABLE  
CONTACT IS MOVED  
BY AN EXTERNAL  
FORCE

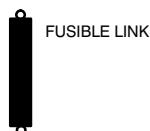
ANTENNA



FUSE DETAILS

LOUDSPEAKER OR  
HORNVARIABLE RESI-  
STOR RESISTANCE  
IS CHANGED BY  
TEMPERATURE OR  
PRESSURE

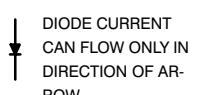
HALL EFFECT SENSOR



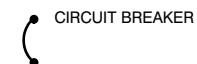
FUSIBLE LINK



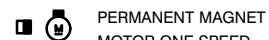
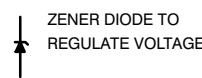
LIGHT

DIODE CURRENT  
CAN FLOW ONLY IN  
DIRECTION OF AR-  
ROW

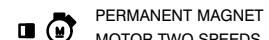
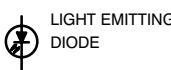
RADIO



CIRCUIT BREAKER

PERMANENT MAGNET  
MOTOR ONE SPEEDZENER DIODE TO  
REGULATE VOLTAGETRANSISTORIZED  
SWITCH

THERMO SWITCH

PERMANENT MAGNET  
MOTOR TWO SPEEDSLIGHT EMITTING  
DIODE

INDUCTIVE SENSOR



SOLENOID



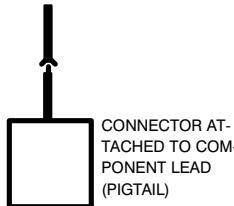
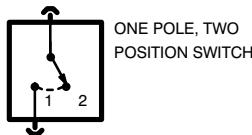
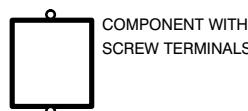
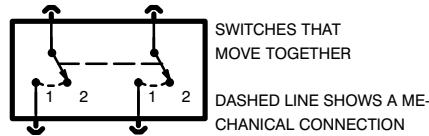
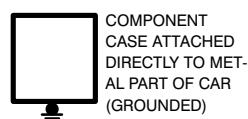
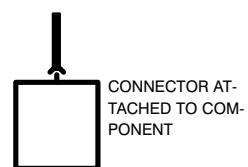
KNOCK SENSOR



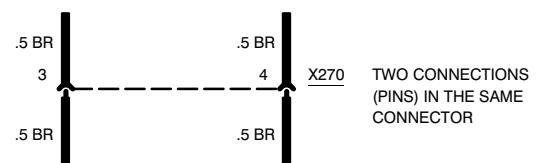
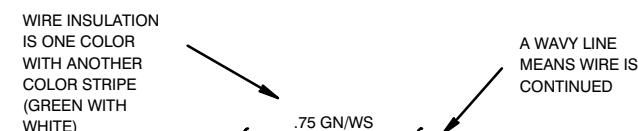
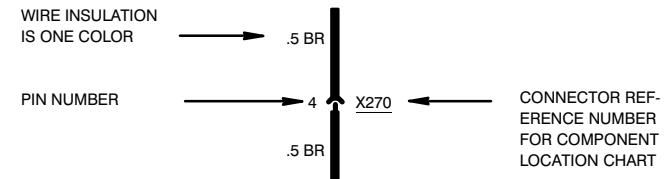
OXYGEN SENSOR

VEHICLE SPEED  
SENSORSOLENOID CONTROLLED  
VALVE OR CLUTCH SOLENOID

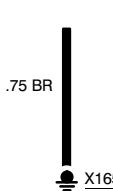
# SYMBOLS

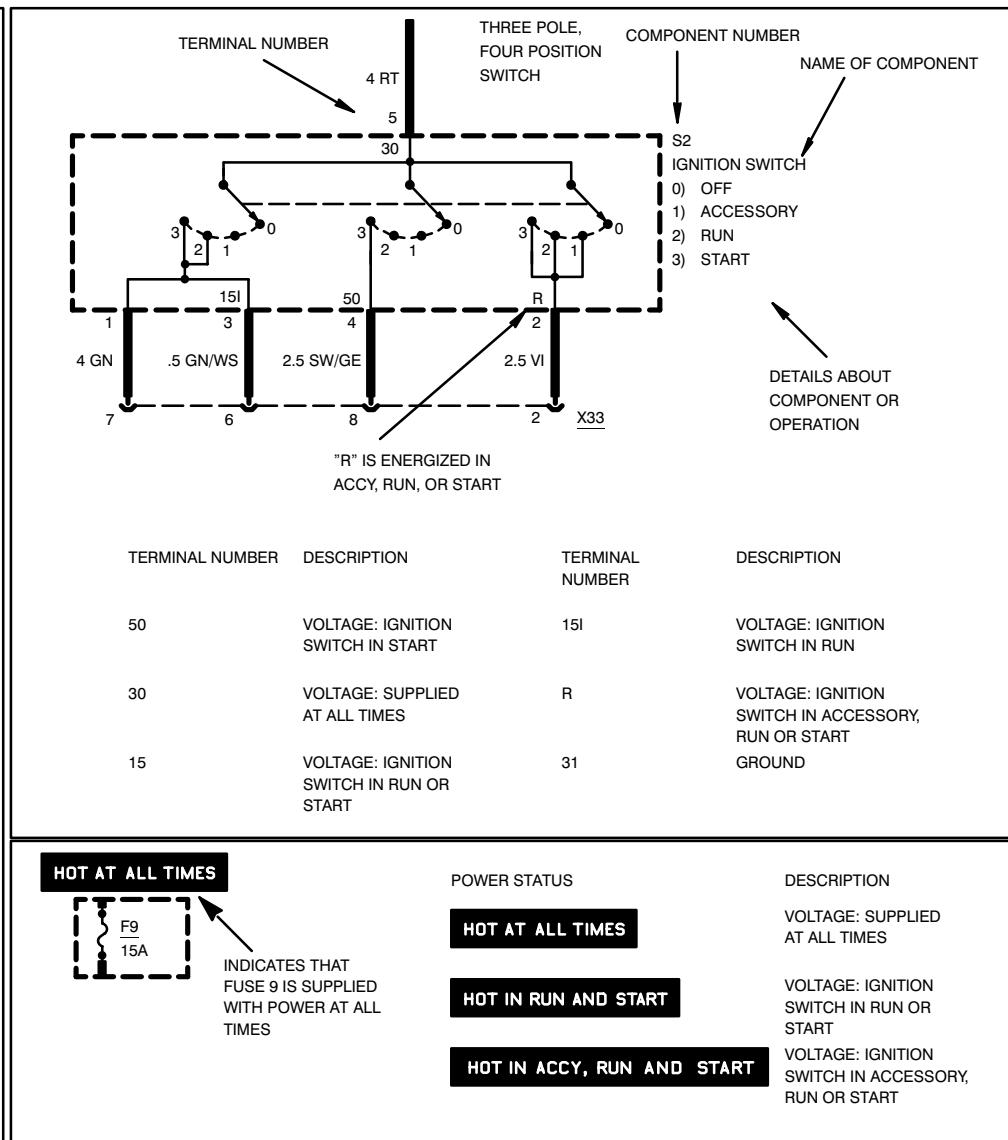
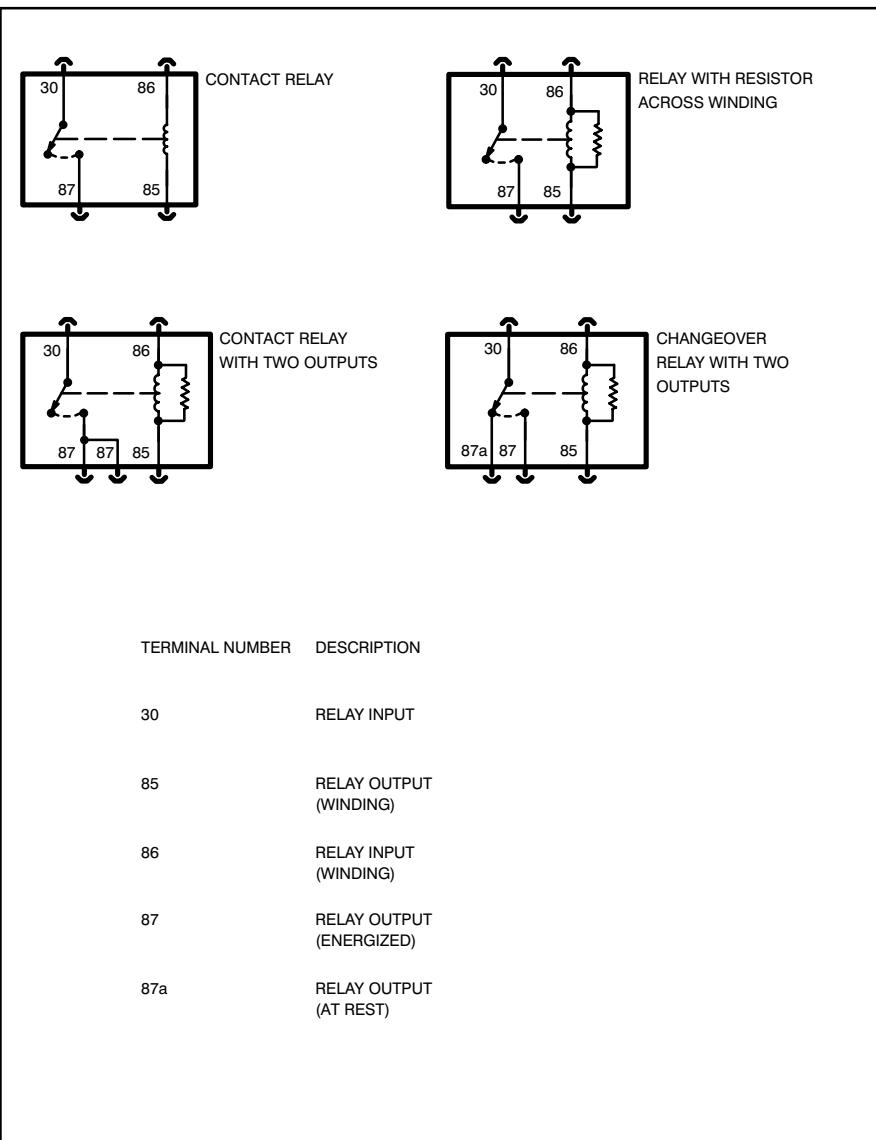
ENTIRE COM-  
ONENT SHOWNCONNECTOR AT-  
ACHED TO COM-  
ONENT LEAD  
(PIGTAIL)PART OF COM-  
ONENT SHOWNONE POLE, TWO  
POSITION SWITCHCOMPONENT WITH  
SCREW TERMINALSSWITCHES THAT  
MOVE TOGETHERDASHED LINE SHOWS A ME-  
CHANICAL CONNECTION  
BETWEEN SWITCHESCOMPONENT  
CASE ATTACHED  
DIRECTLY TO MET-  
AL PART OF CAR  
(GROUNDED)CONNECTOR AT-  
ACHED TO COM-  
ONENT

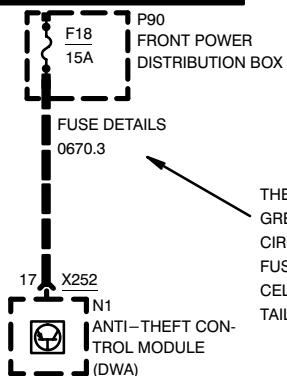
WIRE COLOR	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE
TR	TRANSPARENT



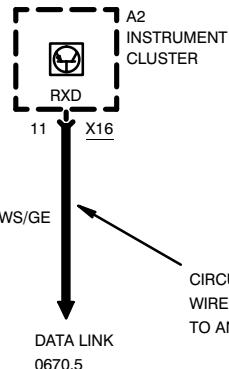
WIRE SIZE IN MM SQUARED

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

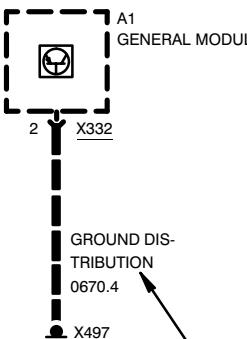


**HOT IN ACCY, RUN AND START**

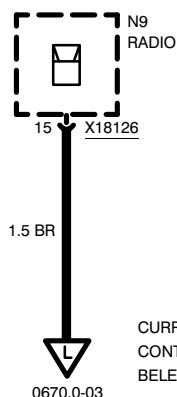
THE COMPLETE WIRE PROGRESSION AND FURTHER CIRCUITS CONNECTED TO FUSE 18 ARE SHOWN IN CELL "0670.3 FUSE DETAILS" AT FUSE 18



CIRCUIT REFERENCE-A WIRE WHICH CONNECTS TO ANOTHER CIRCUIT



THE COMPLETE WIRE PROGRESSION AND FURTHER CIRCUITS CONNECTED TO GROUND X497 ARE SHOWN IN CELL "0670.4 GROUND DISTRIBUTION" AT GROUND X497



CURRENT PATH IS CONTINUED AS LABELED



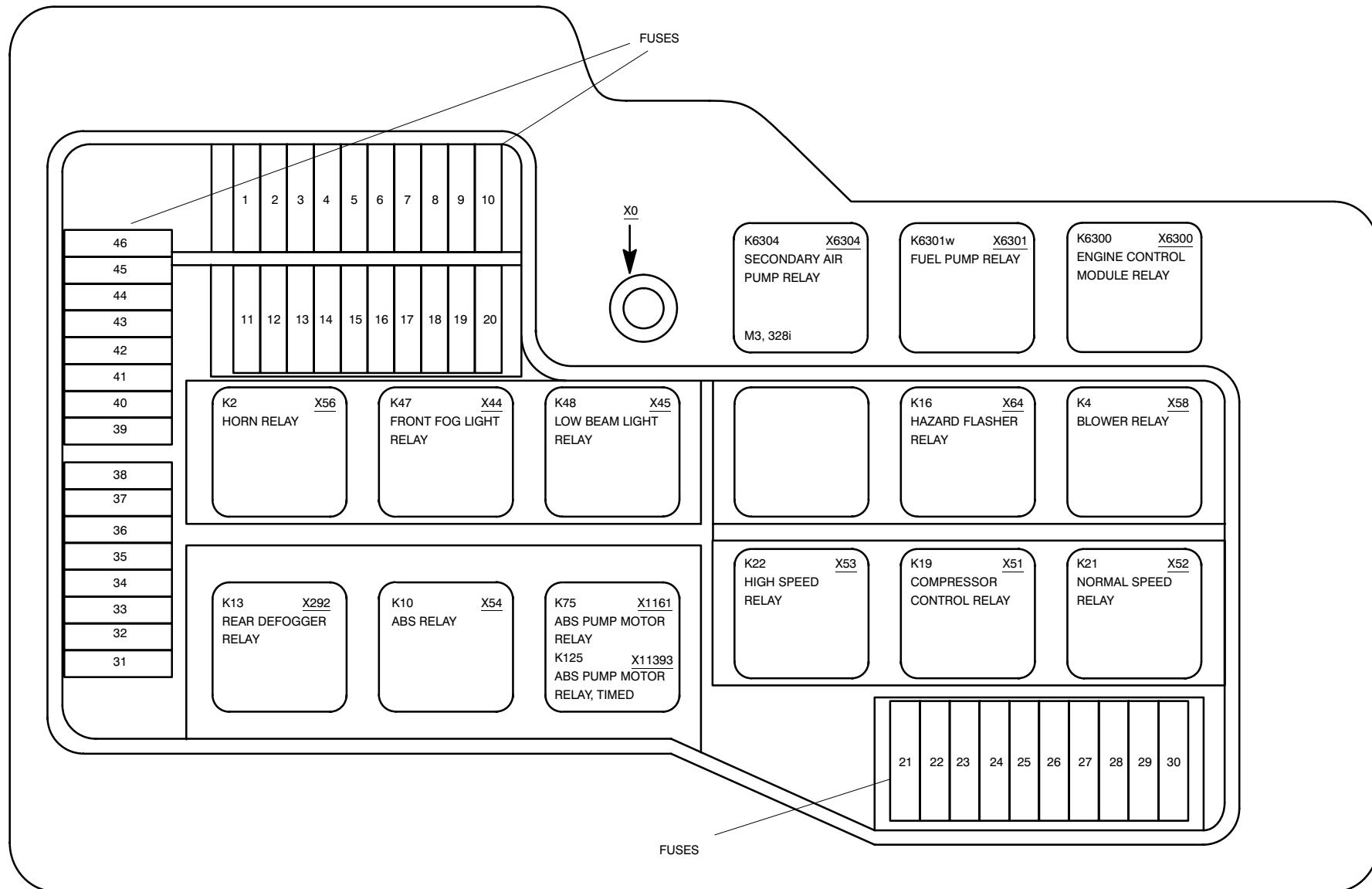
ARROW SHOWS DIRECTION OF CURRENT FLOW AND IS REPEATED WHERE CURRENT PATH CONTINUES

1.5 BR

X491

## POWER DISTRIBUTION CHART

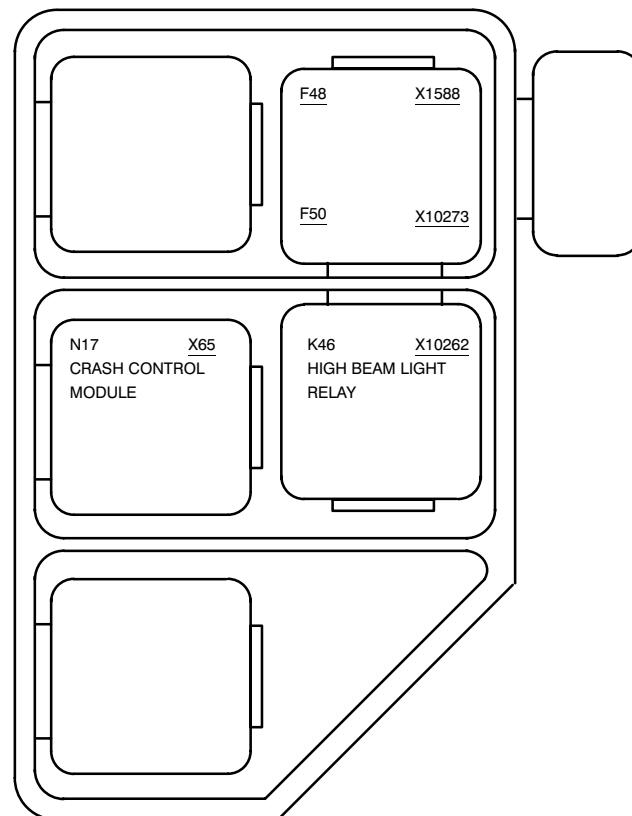
## FRONT POWER DISTRIBUTION BOX





## POWER DISTRIBUTION CHART

RELAY PANEL UNDER LH SIDE OF DASHBOARD





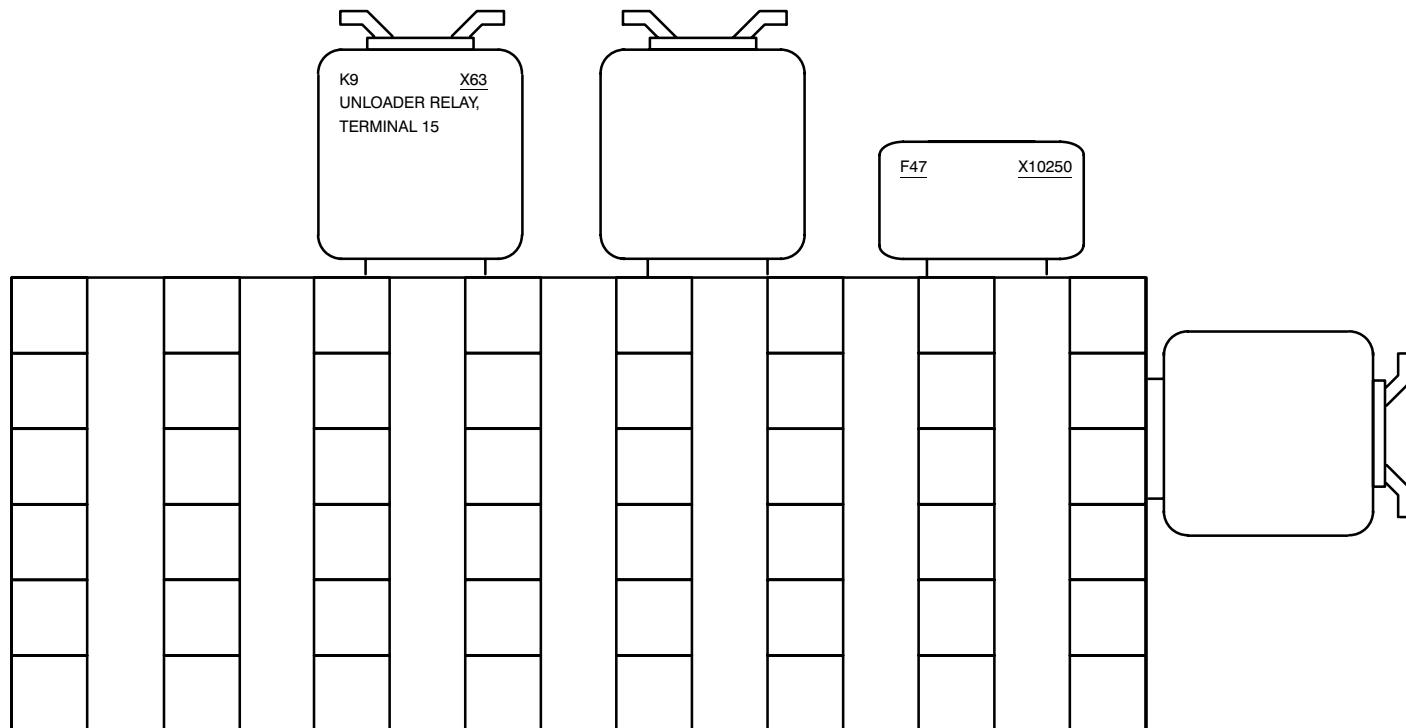
## POWER DISTRIBUTION CHART

SPLICE PANEL UNDER LH SIDE OF DASHBOARD

03/98

0670.0-02

1997





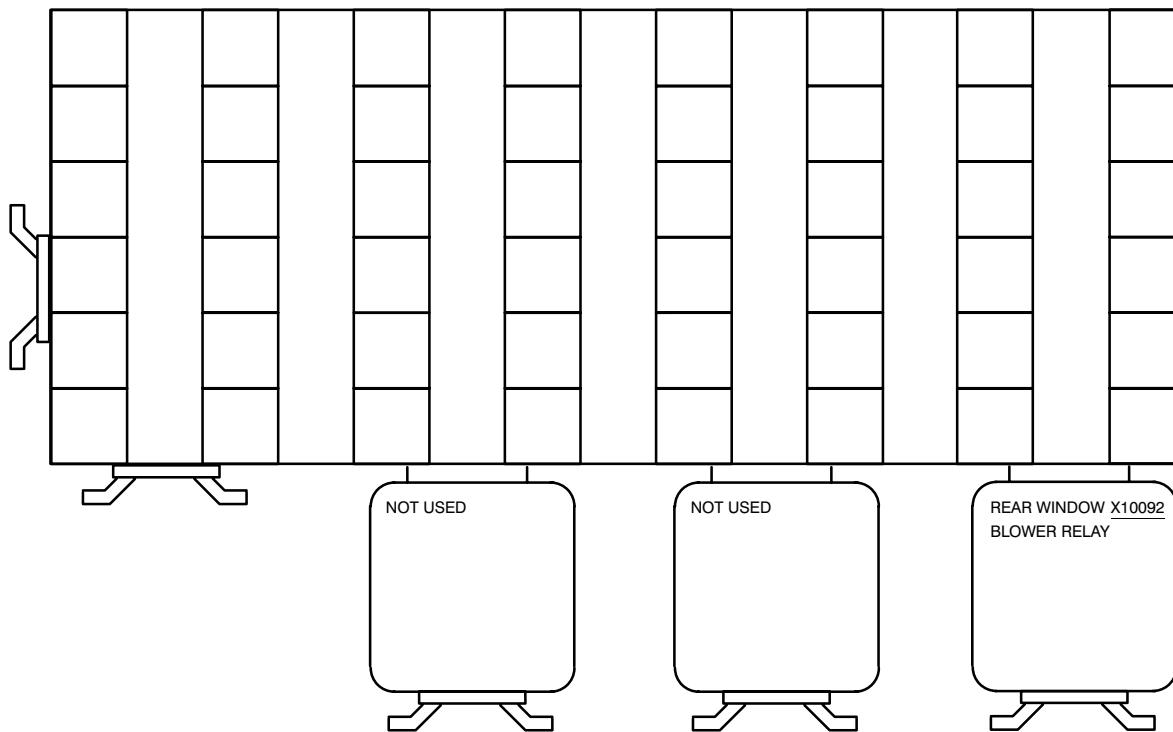
## POWER DISTRIBUTION CHART

SPLICE PANEL UNDER RH SIDE OF DASHBOARD

03/98

0670.0-03

1997





## FUSE CHART

## **FUSES 1 TO 29**

03/08

00-107

166



# FUSE CHART

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**FUSES 1 TO 29**

88/88

0/0.1-90

	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	
	30A	15A	30A	15A	30A	20A	5A	15A	20A	30A	7.5A	7.5A	5A	30A	15A	5A	10A	15A	30A	30A	5A	5A	10A	5A	10A	5A	5A	7.5A		
6160.1 WIPER/WASHER MODULE (WWM)			●																											
6167.1 HEADLIGHT WASHER (SRA)			●																											
6169.0 WINDSHIELD WASHER JET HEATERS																								●						
6211.0 INSTRUMENT CLUSTER																								●			●			
6213.1 ANALOG CLOCK																														
6213.2 MULTI-FUNCTION CLOCK																								●		●	●			
6214.0 ON-BOARD DISPLAY																								●			●			
6300.0 LIGHT SWITCH DETAILS																								●		●				
6312.0 HEADLIGHTS/FOG LIGHTS															●	●		●						●	●			●		
6313.0 TURN/HAZARD LIGHTS																								●						
6314.0 PARK/TAIL/UNDERHOOD LIGHTS																														
6320.0 LICENSE PLATE/LUGGAGE COMPARTMENT LIGHTS																														
6322.0 BACK UP LIGHTS																													●	
6325.0 BRAKE LIGHTS																														
6330.3 INTERIOR LIGHTS																														
6332.1 GLOVE BOX LIGHT/CASSETTE BOX/ASHTRAY LIGHT/CHARGING SOCKET/CIGAR LIGHTER																														
6350.0 CRASH CONTROL MODULE																														
6410.5 HEATING CONTROL (HR)																								●		●				
6412.10 PARK VENTILATION WITH HR																								●						
6424.0 REAR WINDOW DEFOGGER/ANTENNA								●																			●			



## FUSE CHART

### FUSES 1 TO 29

03/98

0670.1-02

1997

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
30A	15A	30A	15A	30A	20A	5A	15A	20A	30A	7.5A	7.5A	5A	30A	15A	5A	10A	15A	30A	30A	5A	5A	5A	10A	5A	10A	5A	5A	7.5A

6450.7 INTEGRATED CLIMATE REGULATION (IHKA E36)

6510.0 RADIO/STEREO

6510.1 RADIO/HIFI

6561.0 CELLULAR TELEPHONE (PROVISIONS)

6571.0 CRUISE CONTROL (TEMPOMAT)

6575.2 ANTI-THEFT SYSTEM (ALPINE)

6581.2 ON-BOARD COMPUTER (BC V)



## FUSE CHART

## **FUSES 30 TO 50**

03/98

0670.1-03

	FUSE NUMBER																				
	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	7.5A	5A	30A	10A	15A	25A	30A	10A	30A	7.5A	30A	30A	7.5A	5A	15A	7.5A	15A	15A	40A	20A	5A
1210.17 ENGINE CONTROL SYSTEM MS41.1 (6-CYLINDER M52)										●							●		●		
1210.20 ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)										●							●				
1230.0 CHARGING SYSTEM																					
1240.0 START	●															●					
2460.2 ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)																	●				
2460.4 ELECTRONIC TRANSMISSION CONTROL (EGS A5S 310Z)																	●				
3234.0 SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)														●							
3450.0 SLIP CONTROL (ABS)											●						●				
3450.1 SLIP CONTROL (ABS/ASC)										●							●				
5116.0 POWER MIRRORS																					
5120.0 ZKE DOOR LOCK HEATING (TSH)									●												
5126.0 ZKE CENTRAL LOCKING (ZV)	●						●									●					
5133.1 POWER WINDOWS (FH)																					
5200.0 POWER SEATS											●										
5203.0 HEATED SEATS																					
5410.1 POWER TILT/SLIDE SUNROOF (SHD)																					
5430.1 ELECTRICAL CONVERTIBLE TOP														●	●			●			
6100.0 CENTRAL BODY ELECTRONICS (ZKE IV)									●	●						●					
6133.0 HORN																					
6135.0 DRIVE-AWAY PROTECTION (EWS II)	●																●				



## FUSE CHART

## **FUSES 30 TO 50**

03/98

0670.1-04

	FUSE NUMBER																				
	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	7.5A	5A	30A	10A	15A	25A	30A	10A	30A	7.5A	30A	30A	7.5A	5A	15A	7.5A	15A	15A	40A	20A	5A
6167.1 HEADLIGHT WASHER (SRA)							●									●					
6169.0 WINDSHIELD WASHER JET HEATERS																					
6211.0 INSTRUMENT CLUSTER		●															●	●			
6213.1 ANALOG CLOCK		●																			
6213.2 MULTI-FUNCTION CLOCK		●														●	●				
6214.0 ON-BOARD DISPLAY		●														●	●				
6300.0 LIGHT SWITCH DETAILS				●			●														
6312.0 HEADLIGHTS/FOG LIGHTS	●																				
6313.0 TURN/HAZARD LIGHTS					●																
6314.0 PARK/TAIL/UNDERHOOD LIGHTS					●			●													
6320.0 LICENSE PLATE/LUGGAGE COMPARTMENT LIGHTS					●			●													
6322.0 BACK UP LIGHTS																					
6325.0 BRAKE LIGHTS																	●				
6330.3 INTERIOR LIGHTS							●								●						
6332.1 GLOVE BOX LIGHT/CASSETTE BOX/ASHTRAY LIGHT/CHARGING SOCKET/CIGAR LIGHTER					●	●			●					●							
6350.0 CRASH CONTROL MODULE							●	●													
6410.5 HEATING CONTROL (HR)																					
6412.10 PARK VENTILATION WITH HR																					
6424.0 REAR WINDOW DEFOGGER/ANTENNA																					
6450.7 INTEGRATED CLIMATE REGULATION (IHKA E36)	●									●	●							●			



## FUSE CHART

## **FUSES 30 TO 50**

## **6160.1 WIPER/WASHER MODULE (WWM)**

**6510.0** RADIO/STEREO

6510.1 RADIO/HIFI

## **6561.0 CELLULAR TELEPHONE (PROVISIONS)**

#### **6571.0 CRUISE CONTROL (TEMPOMAT)**

## **6575.2 ANTI-THEFT SYSTEM (ALPINE)**

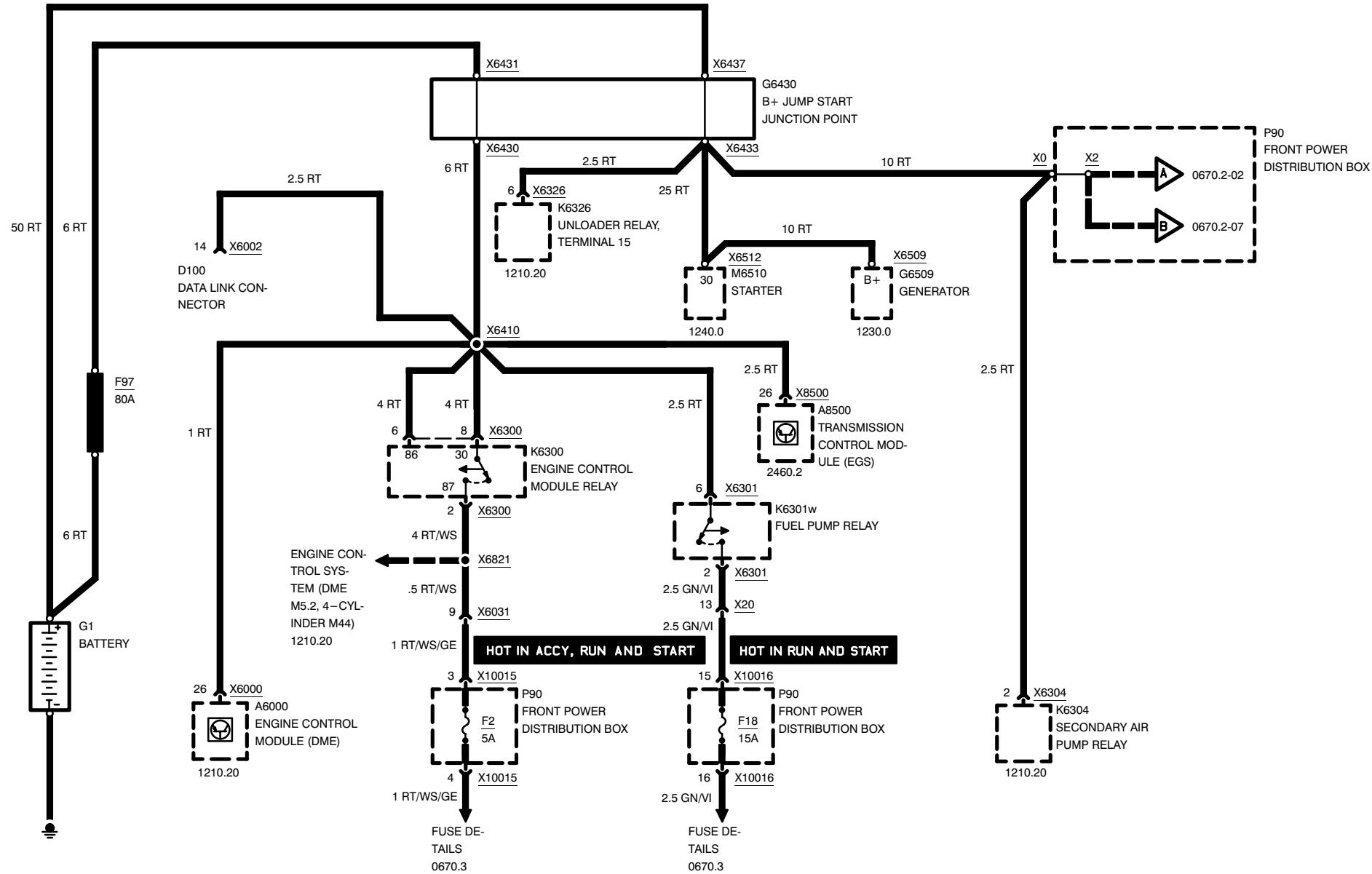
## **6581.2 ON-BOARD COMPUTER (BC V)**



## **POWER DISTRIBUTION**

318js

03/08





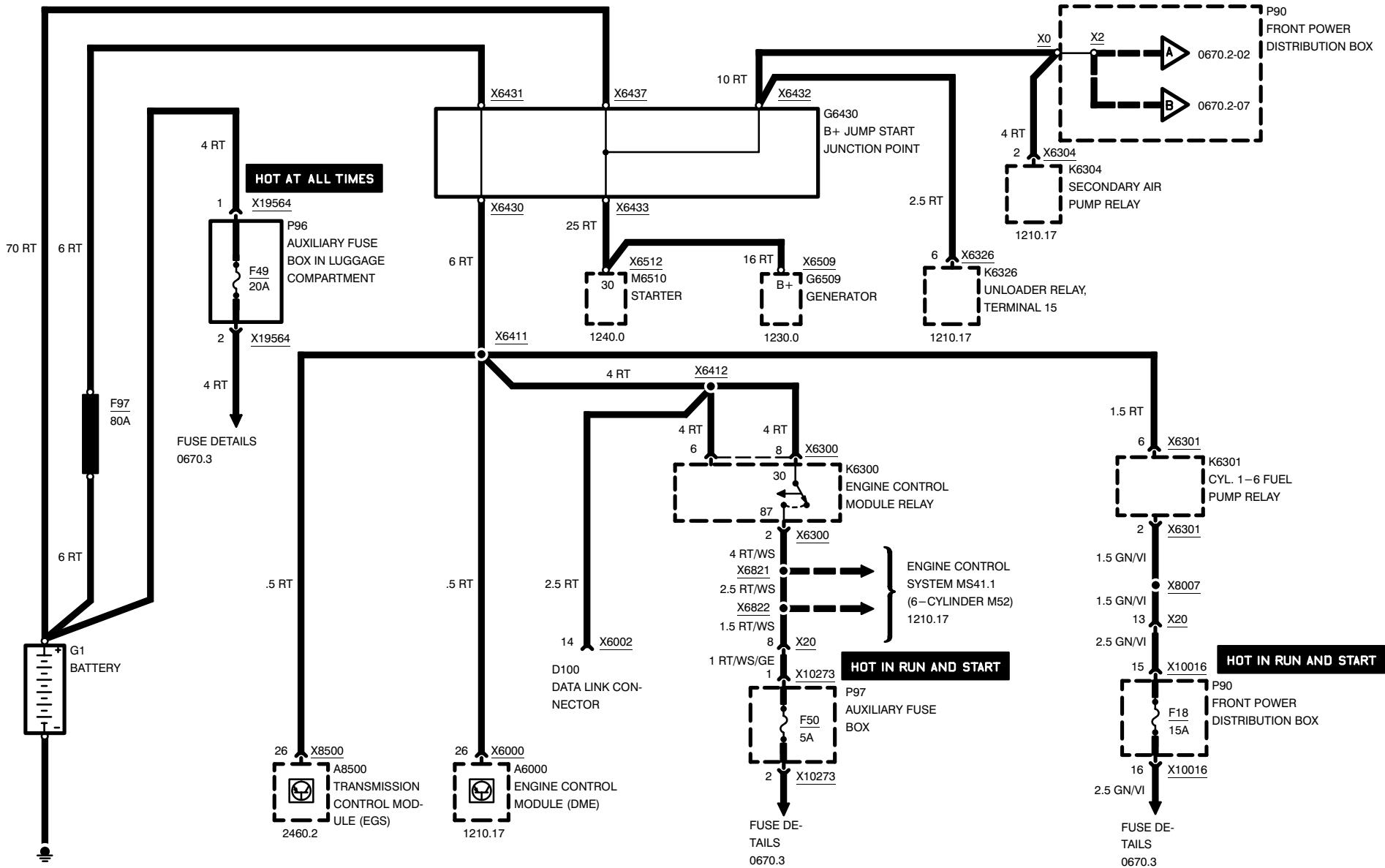
# POWER DISTRIBUTION

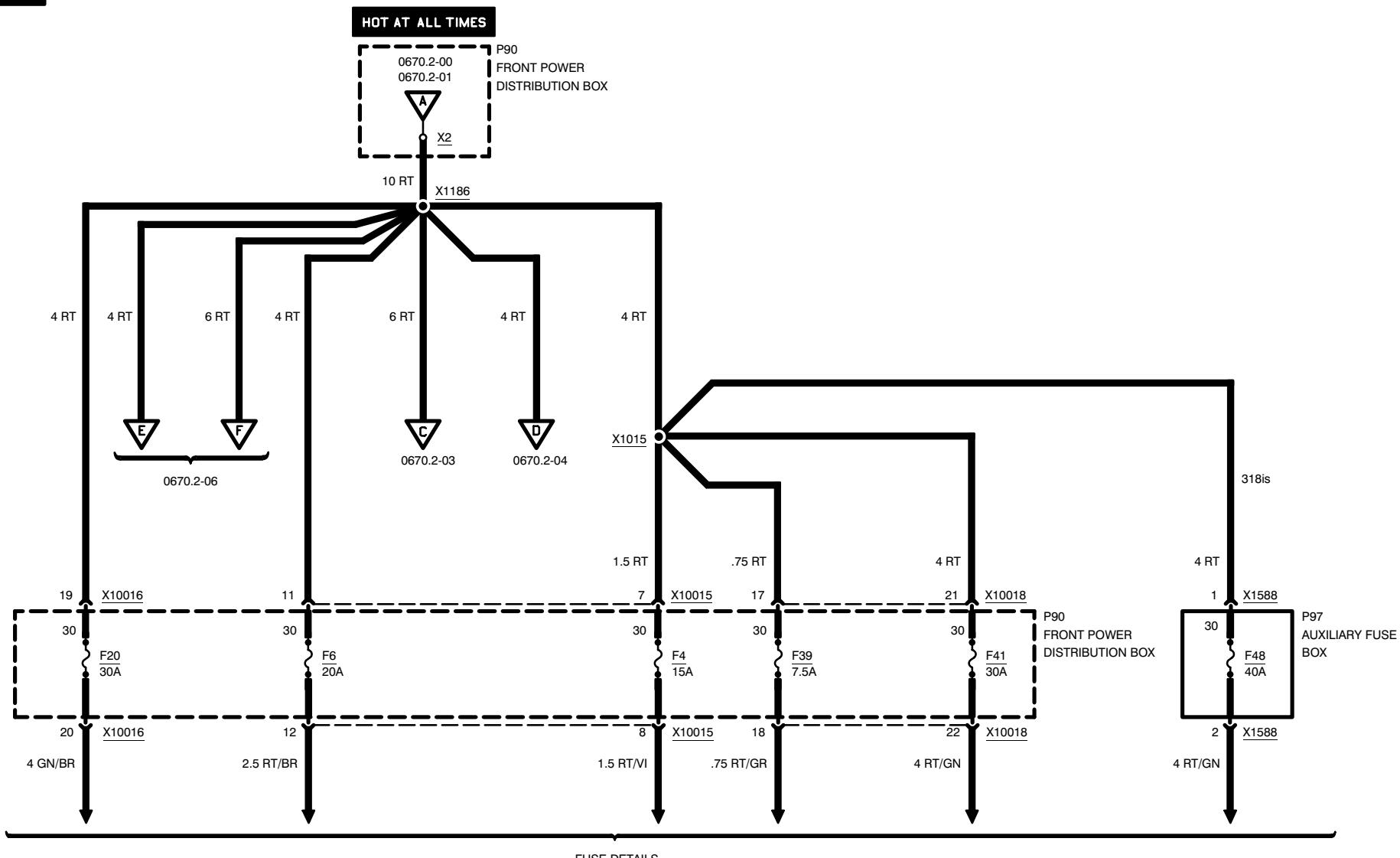
328i, M3

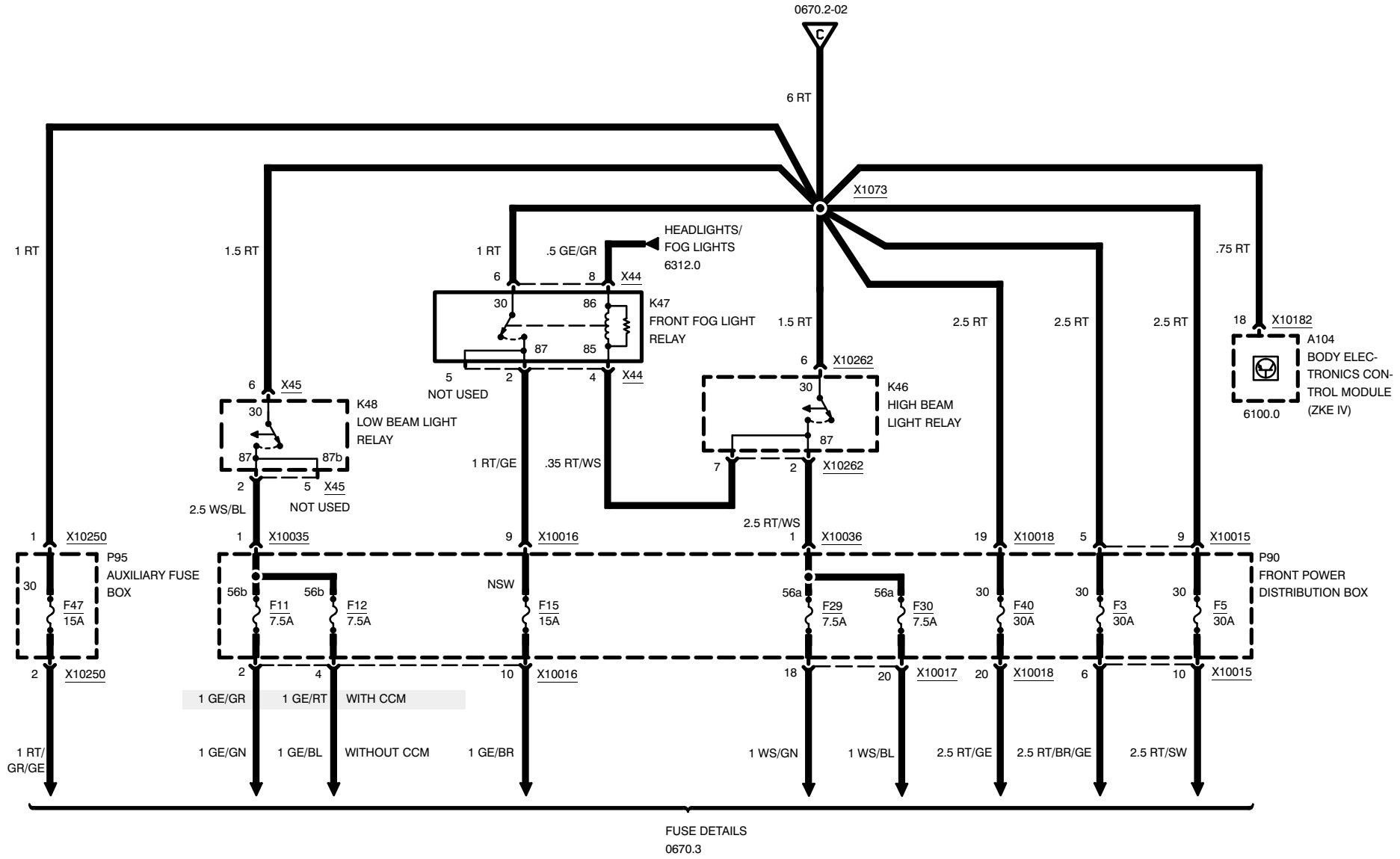
03/98

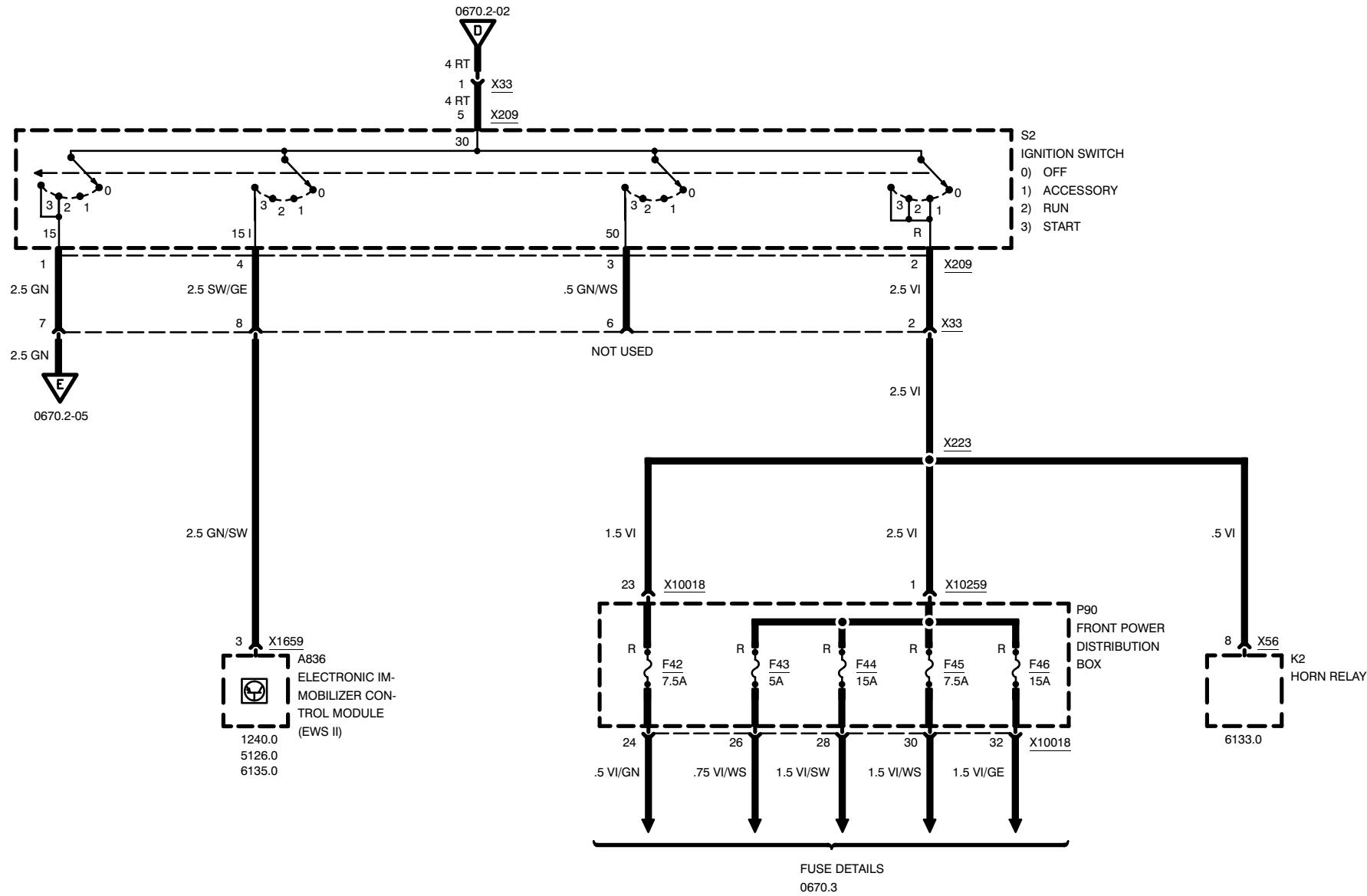
0670.2-01

1997





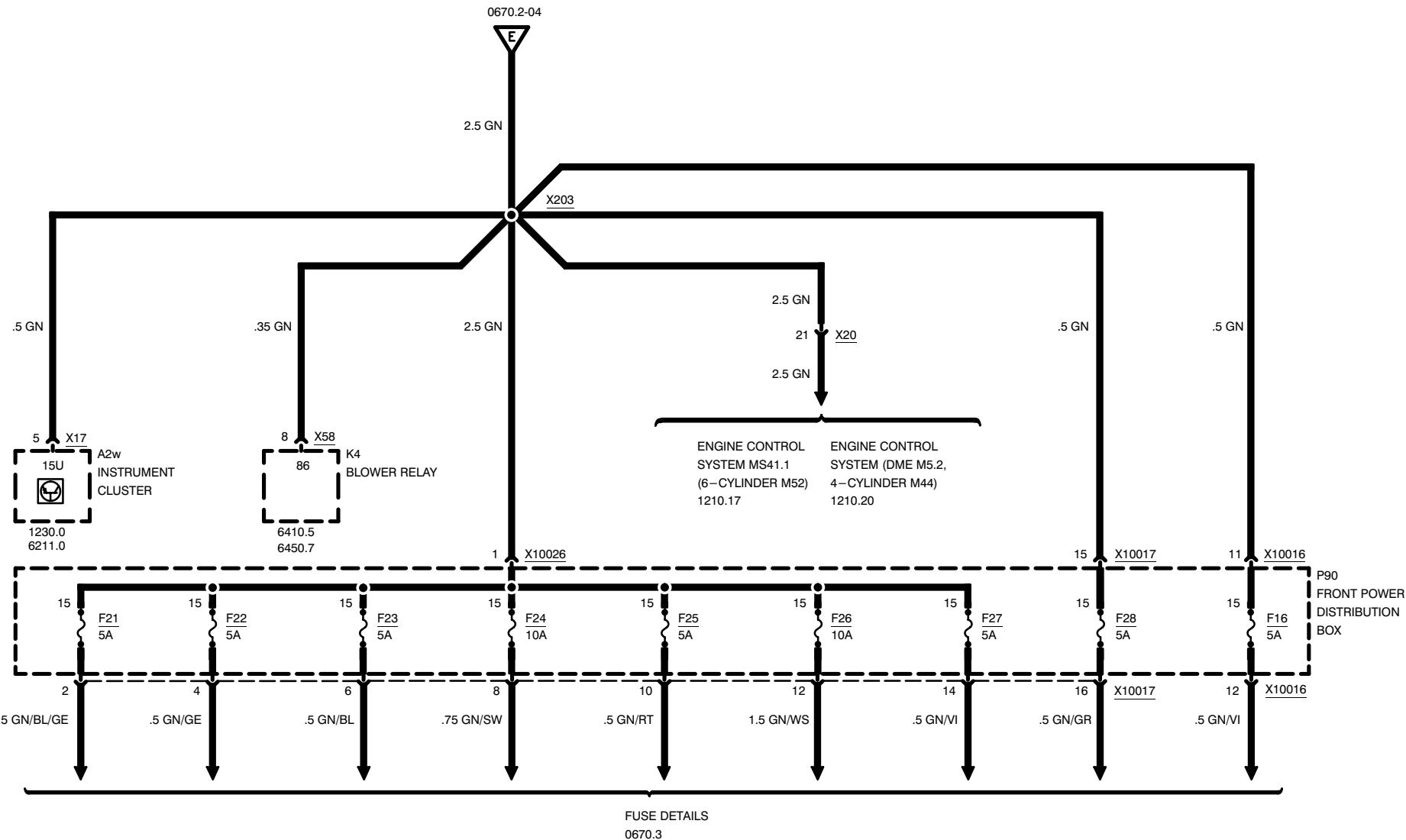




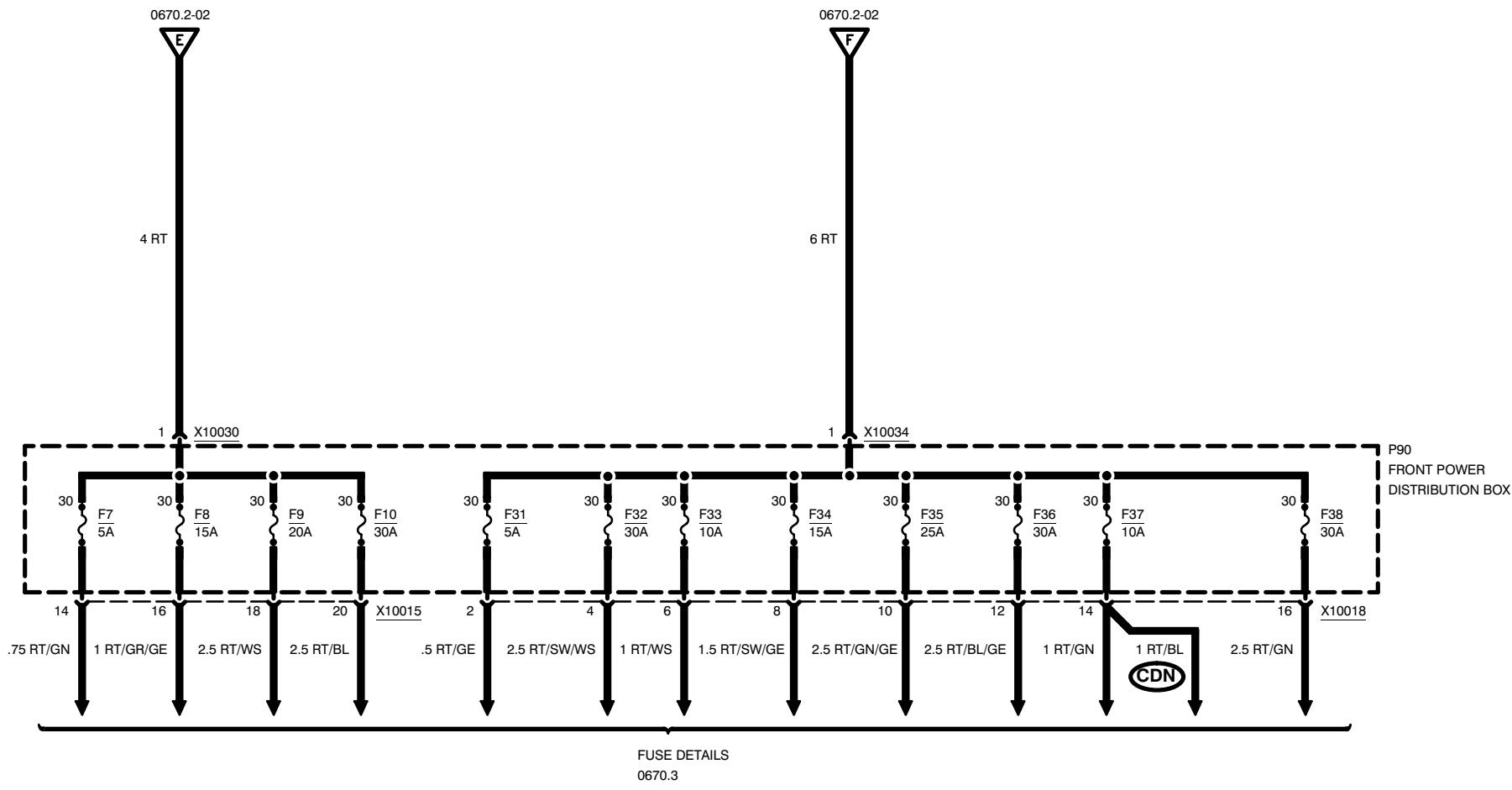
## POWER DISTRIBUTION

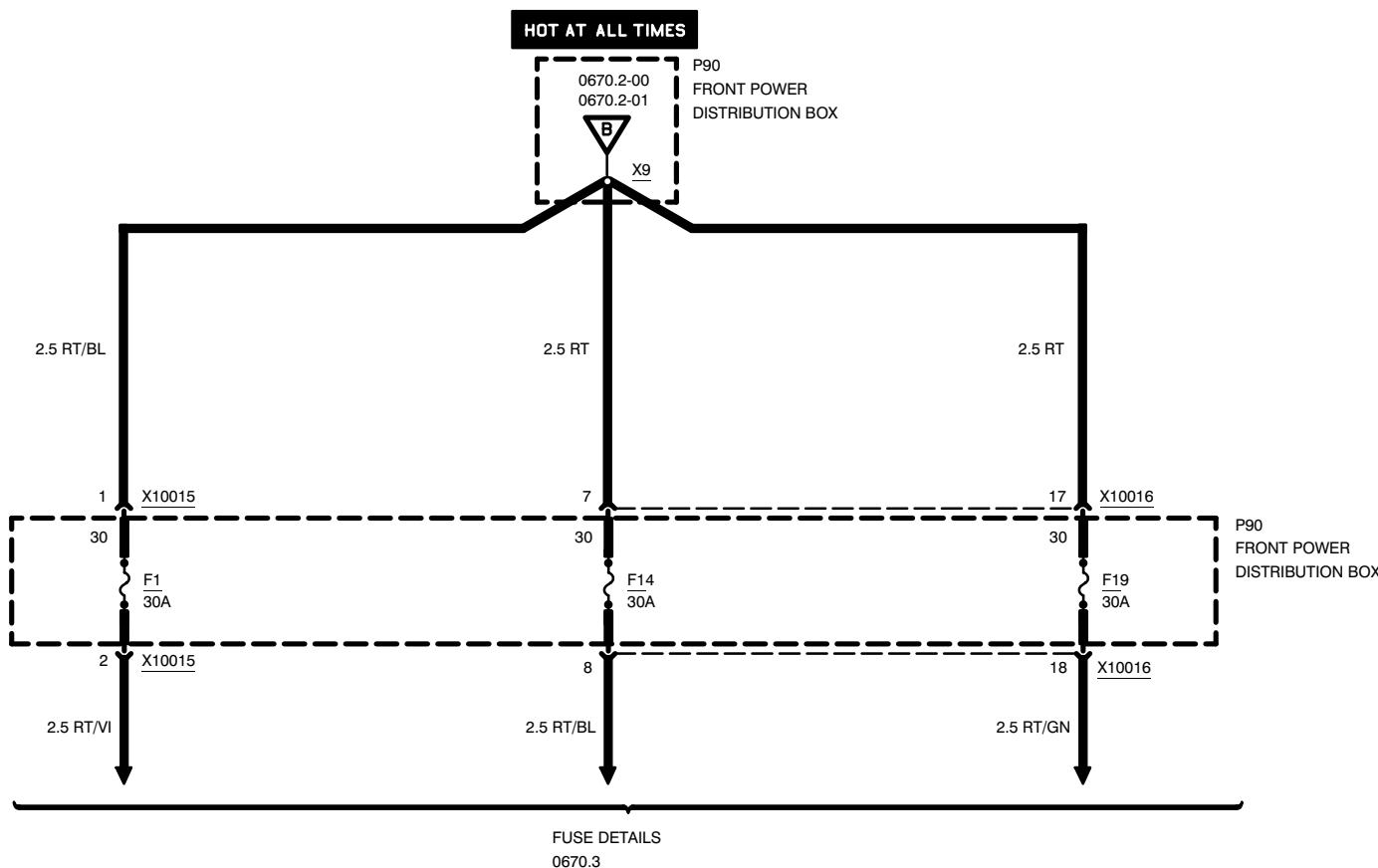
03/98

0670.2-05



1997







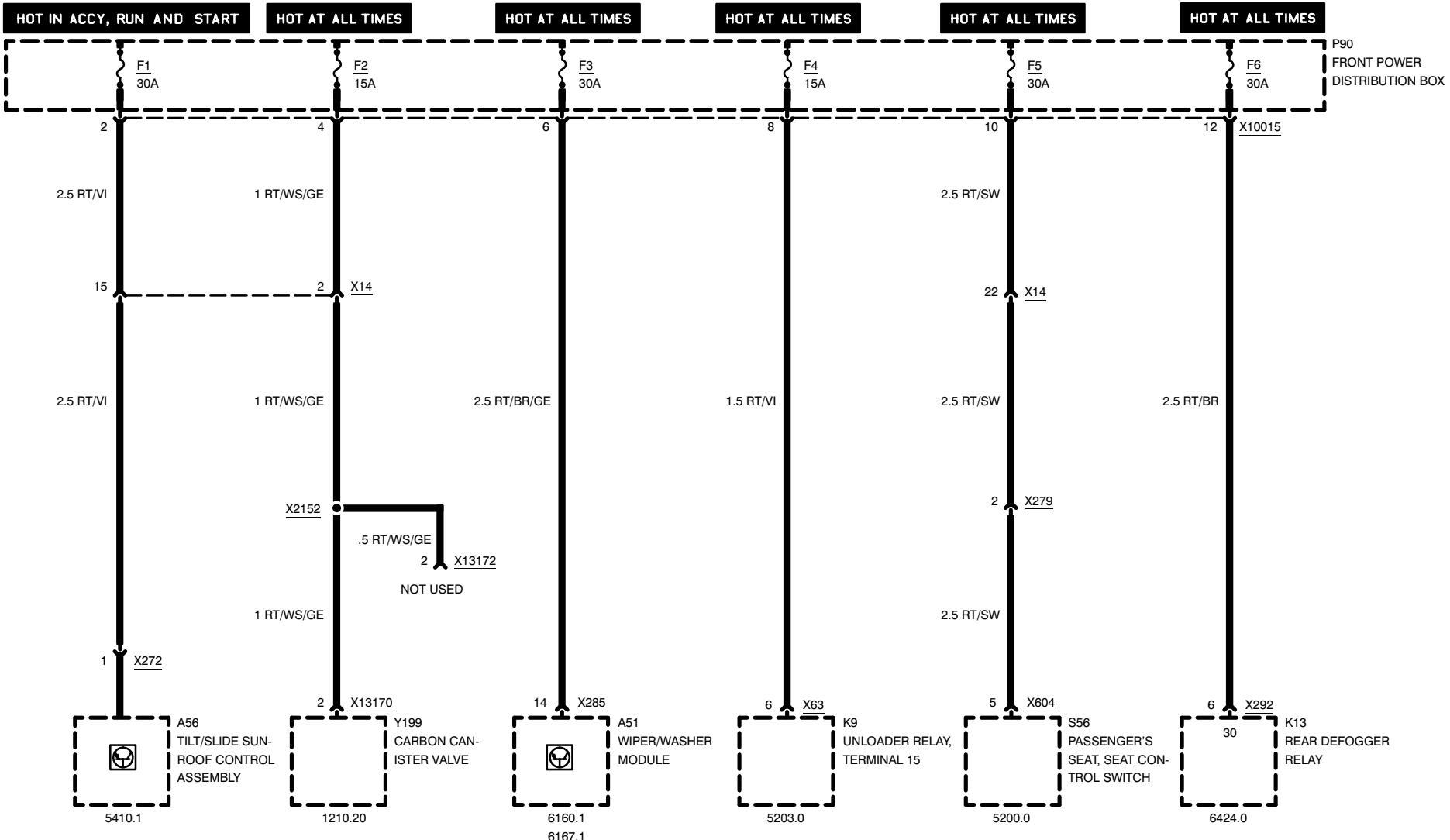
## FUSE DETAILS

### FUSES 1, 2, 3, 4, 5, AND 6

03/98

0670.3-00

1997





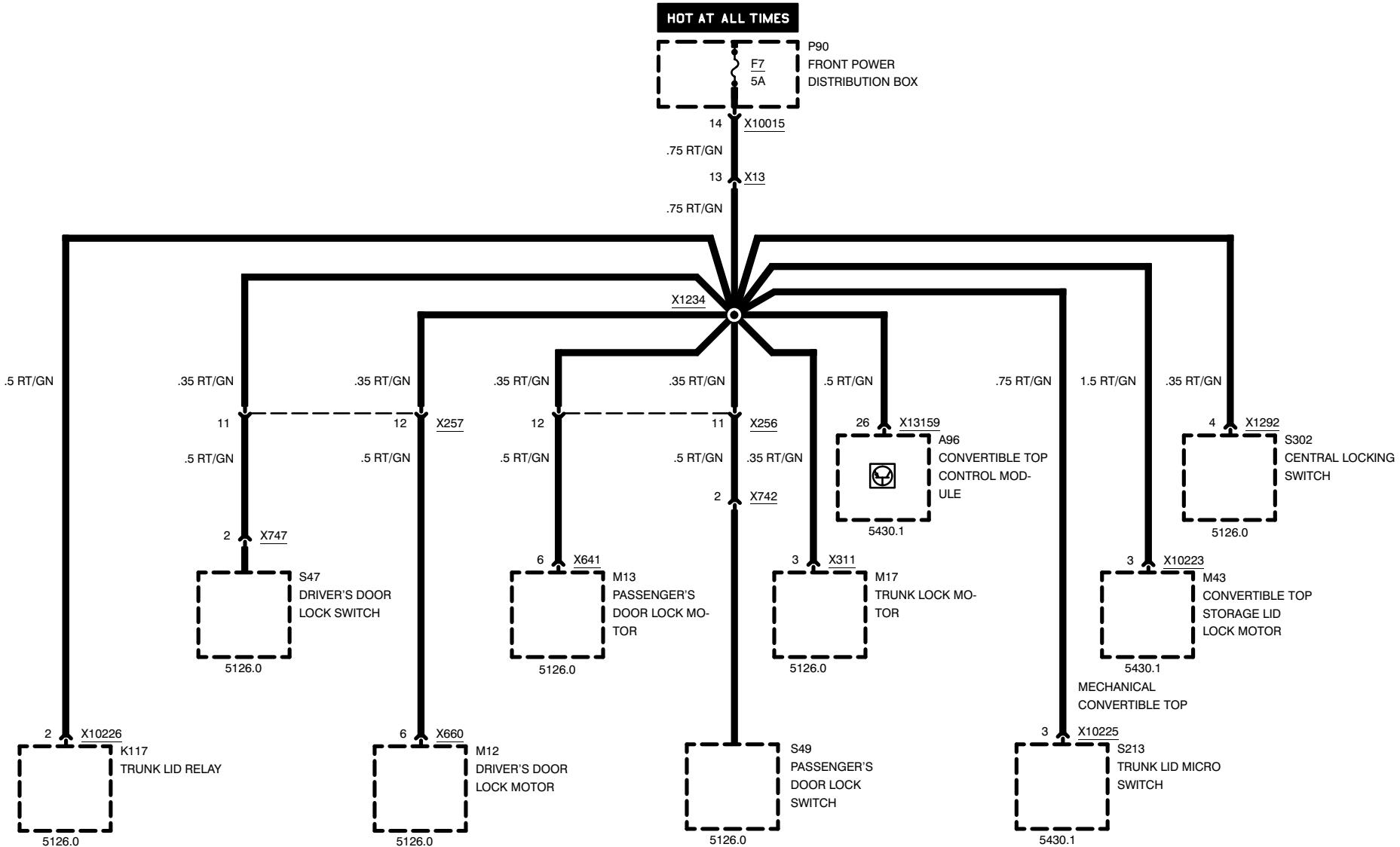
# FUSE DETAILS

FUSE 7

03/98

0670.3-01

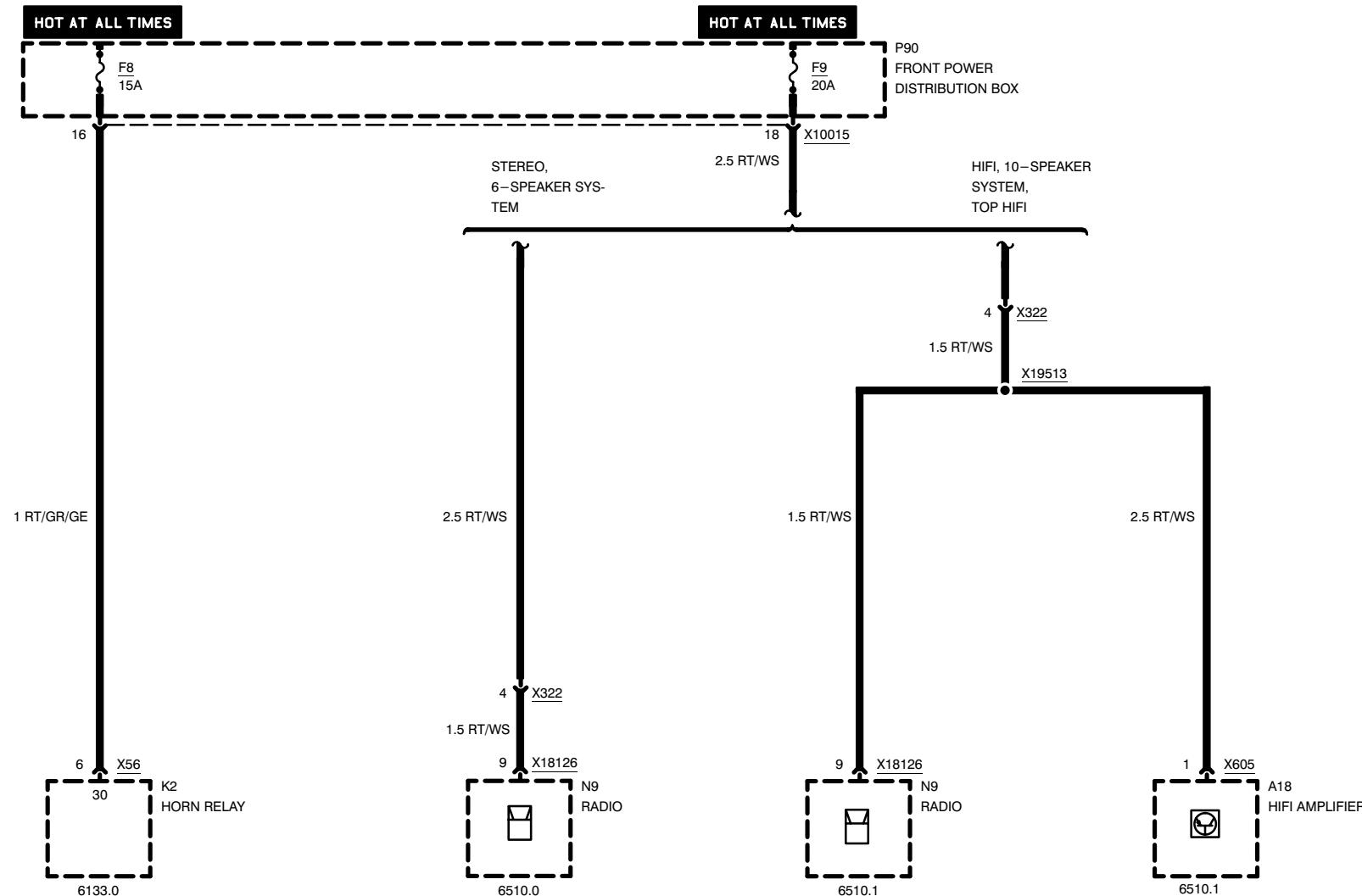
1997





## FUSE DETAILS

### FUSES 8 AND 9



03/98

0670.3-02

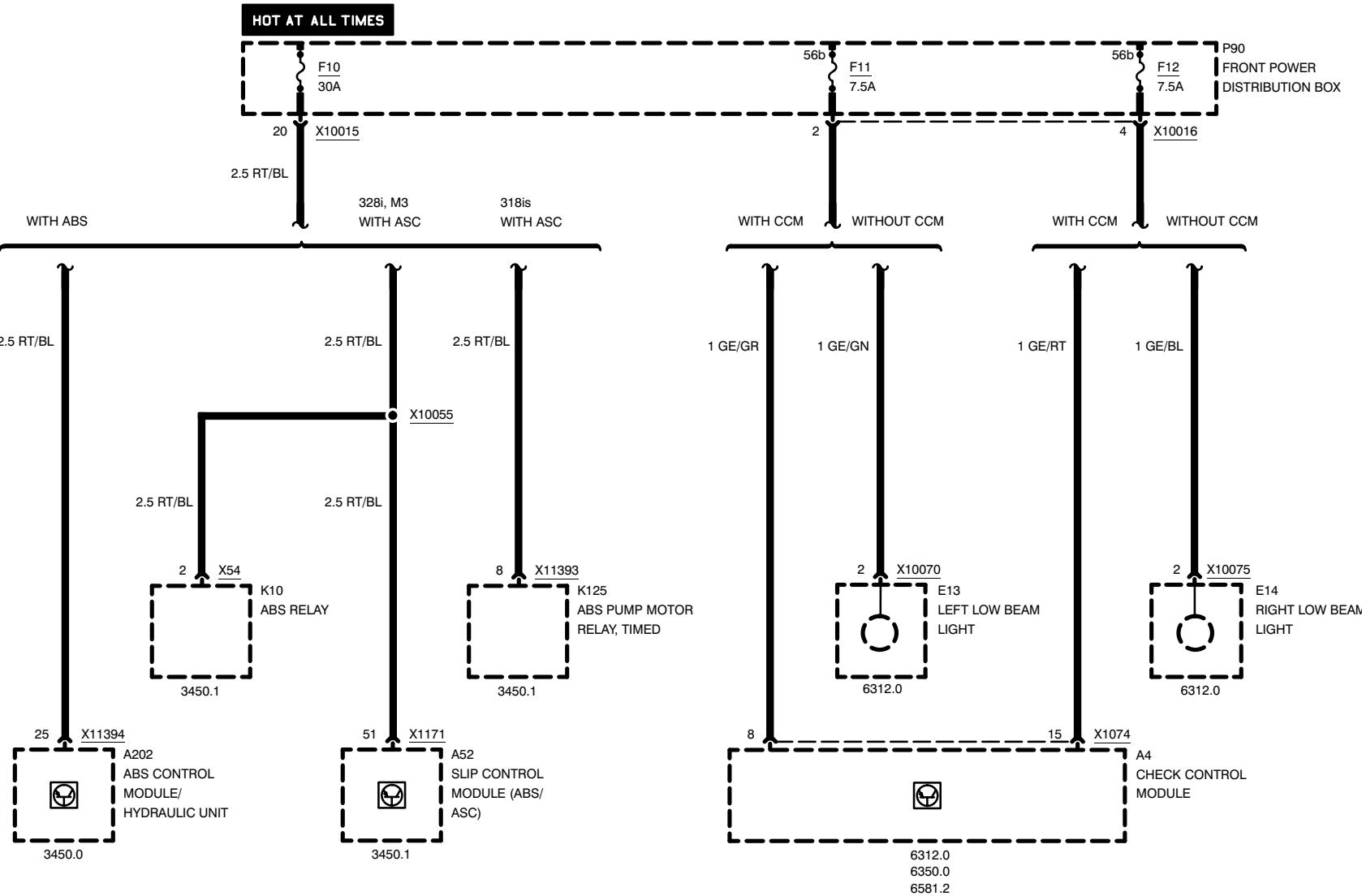
1997

**FUSE DETAILS****FUSES 10, 11, AND 12**

03/98

0670.3-03

1997





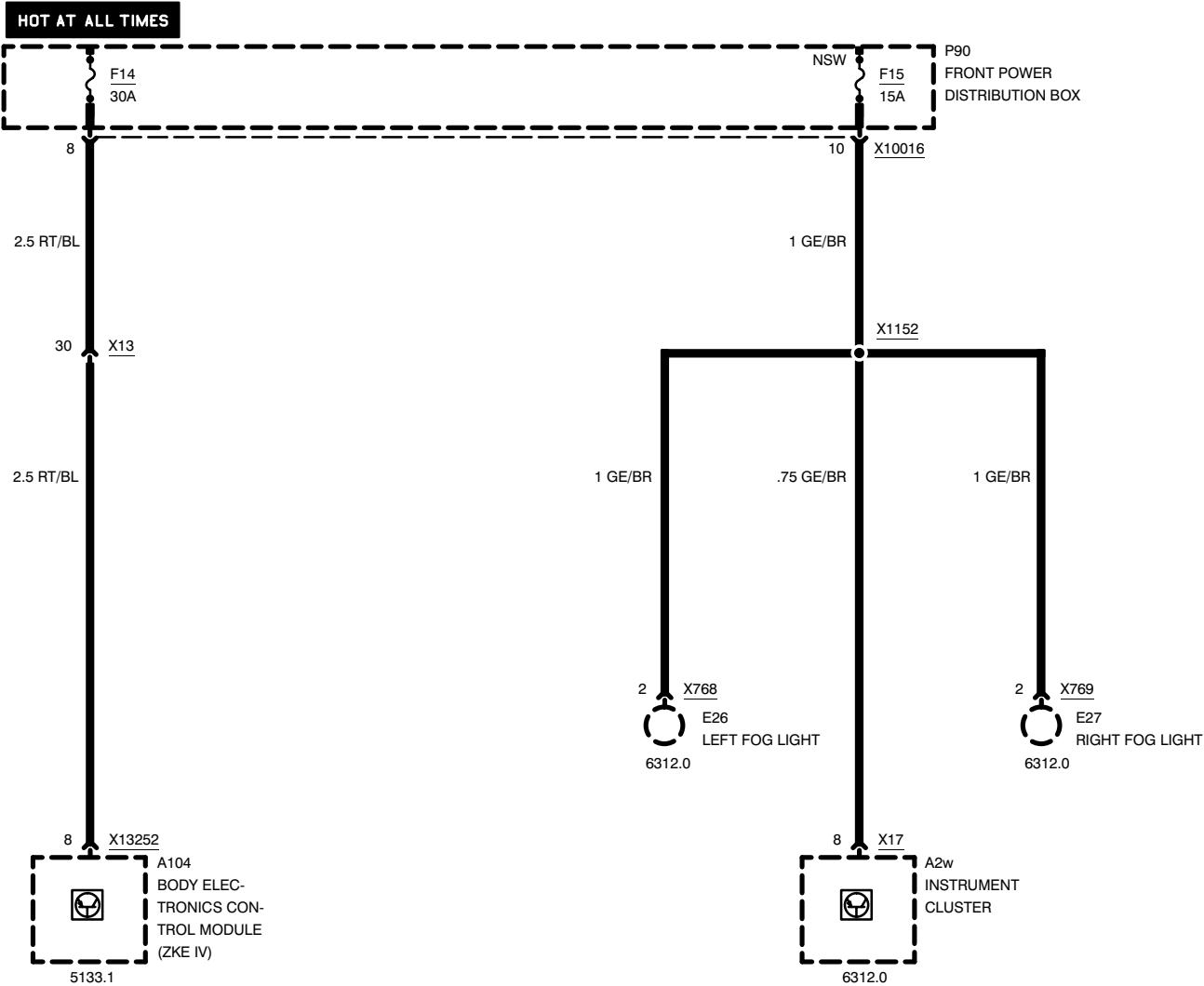
## FUSE DETAILS

### FUSES 14 AND 15

03/98

0670.3-04

1997





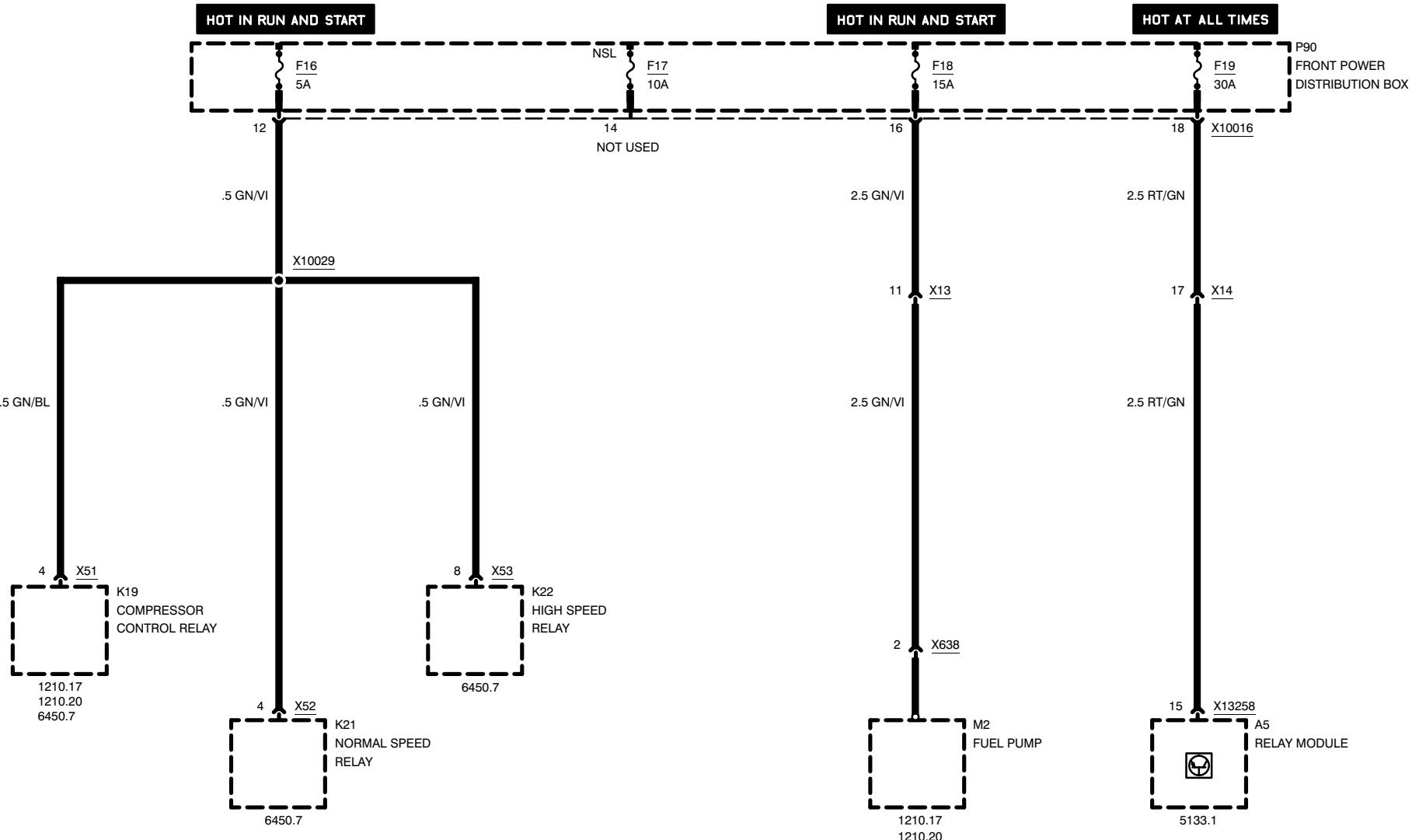
## FUSE DETAILS

### FUSES 16, 17, 18, AND 19

03/98

0670.3-05

1997





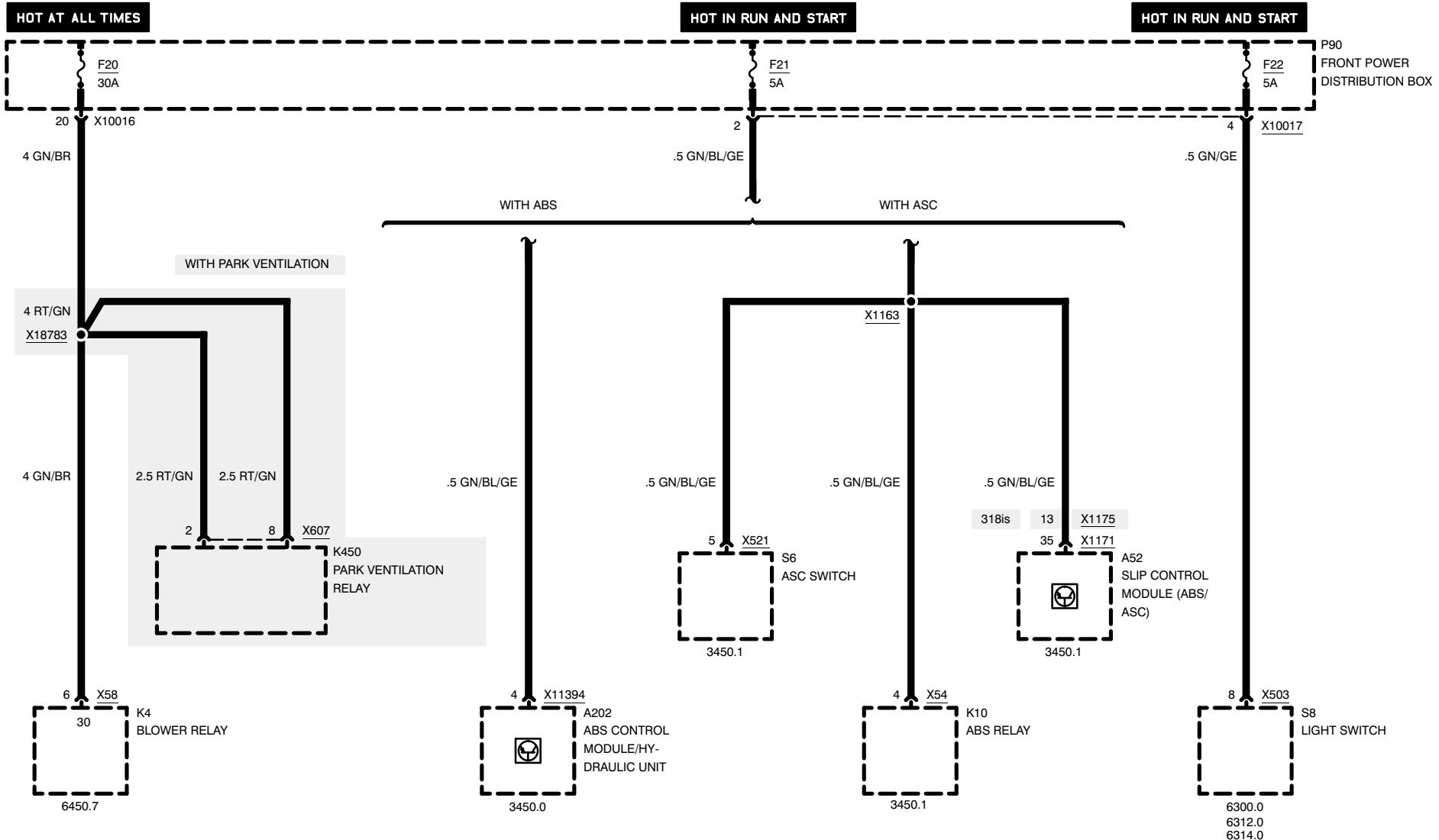
## FUSE DETAILS

### FUSES 20, 21, AND 22

03/98

0670.3-06

1997





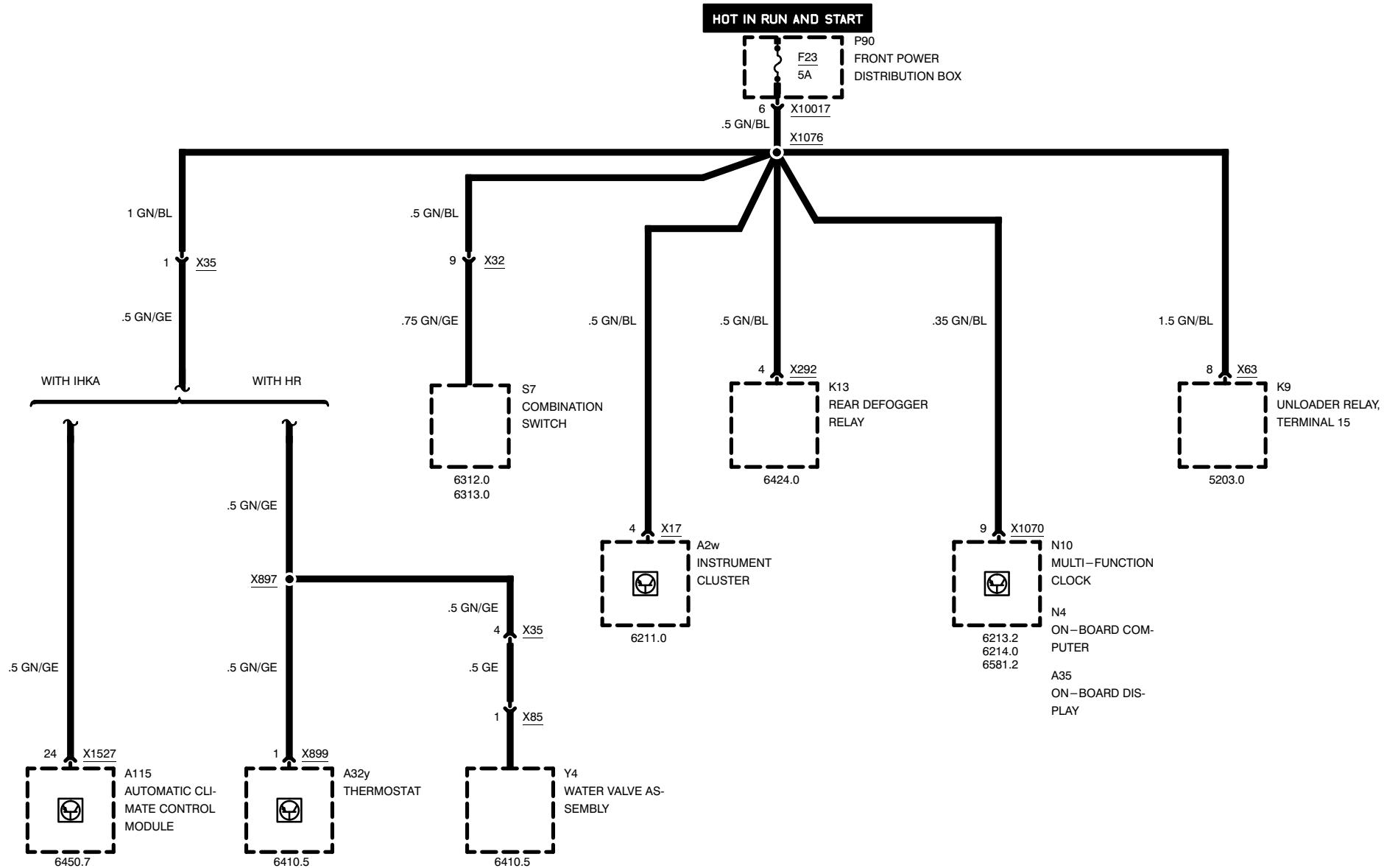
## FUSE DETAILS

### FUSE 23

03/98

0670.3-07

1997

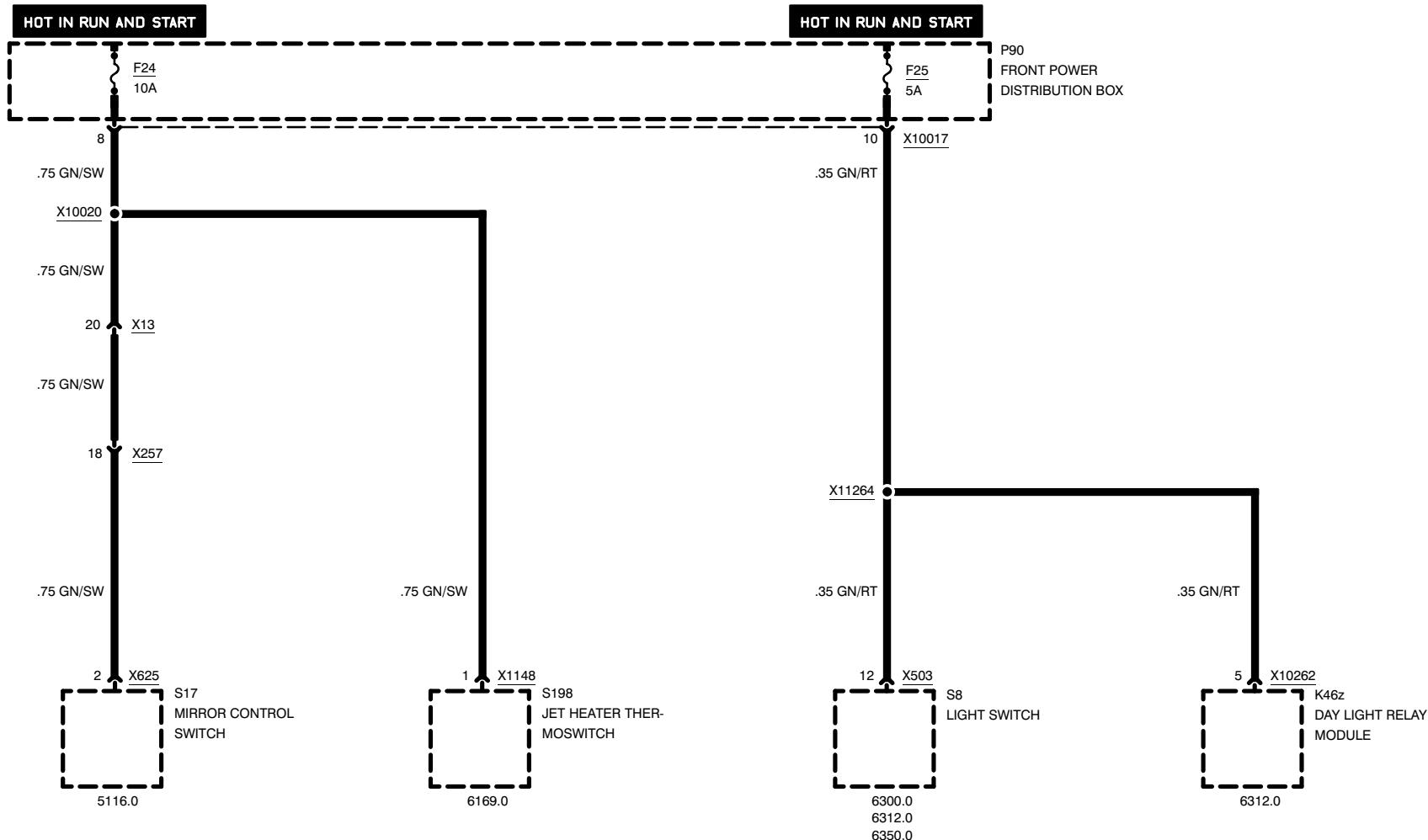


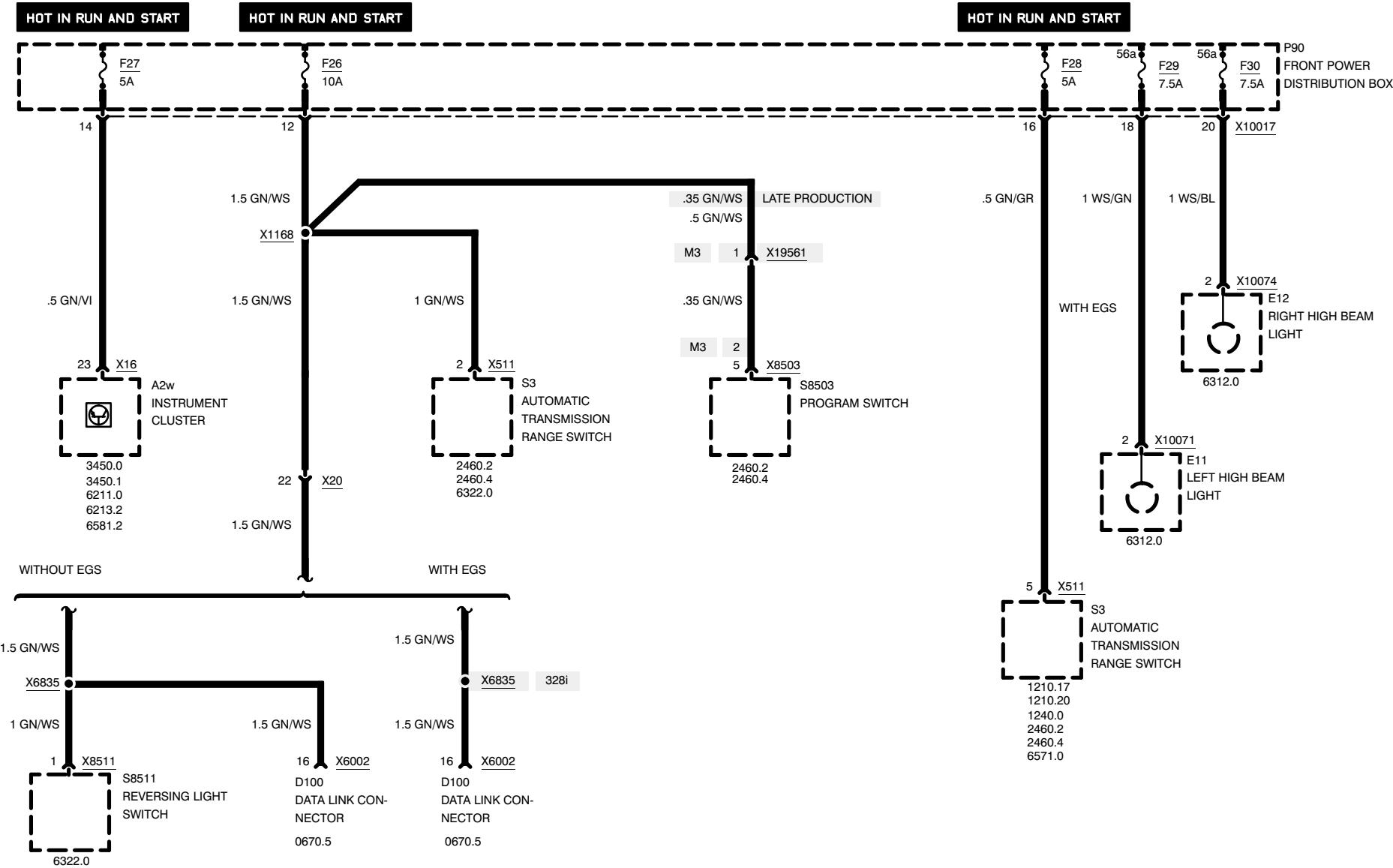
**FUSE DETAILS****FUSES 24 AND 25**

03/98

**0670.3-08**

1997







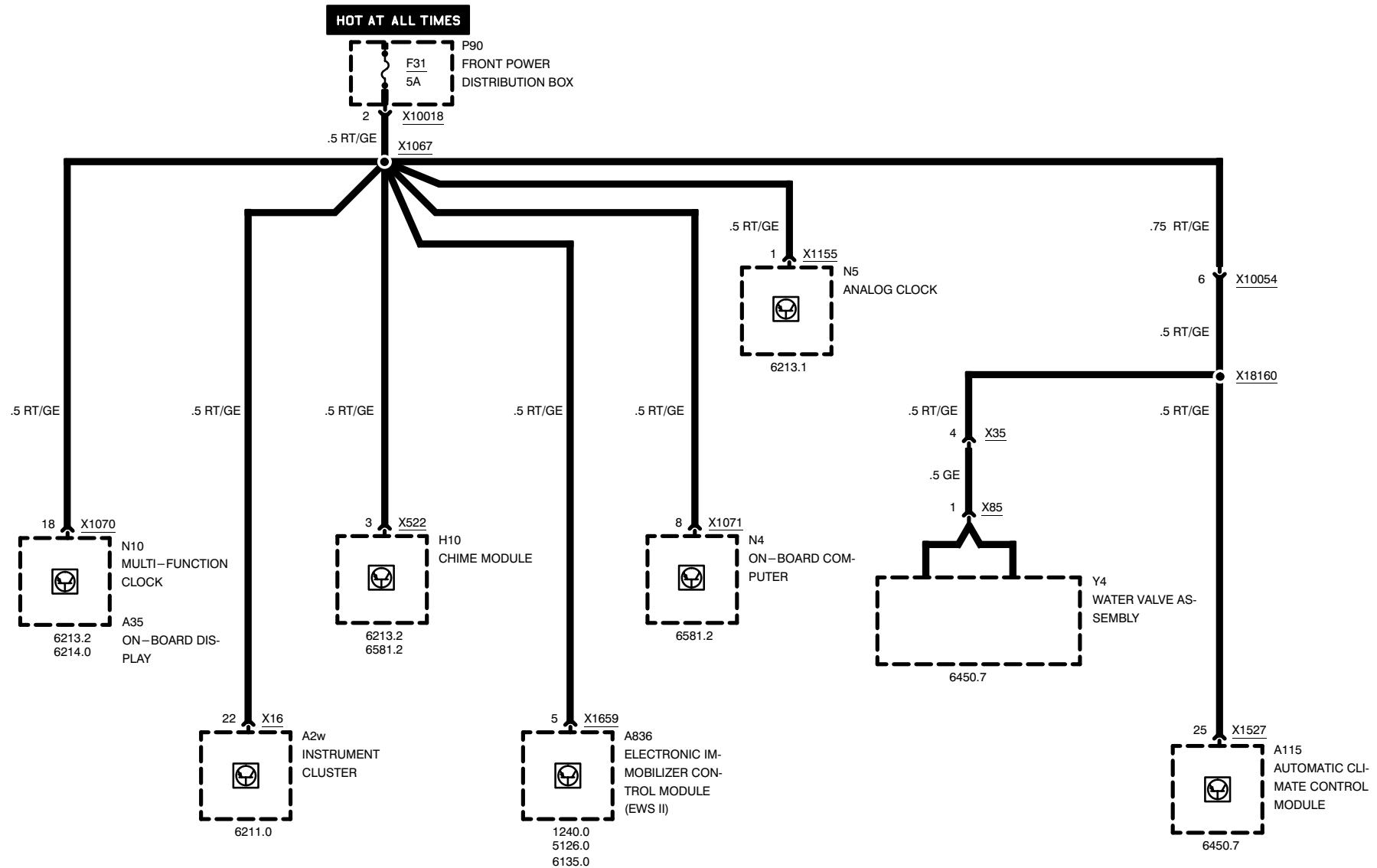
## FUSE DETAILS

### FUSE 31

03/98

0670.3-10

1997





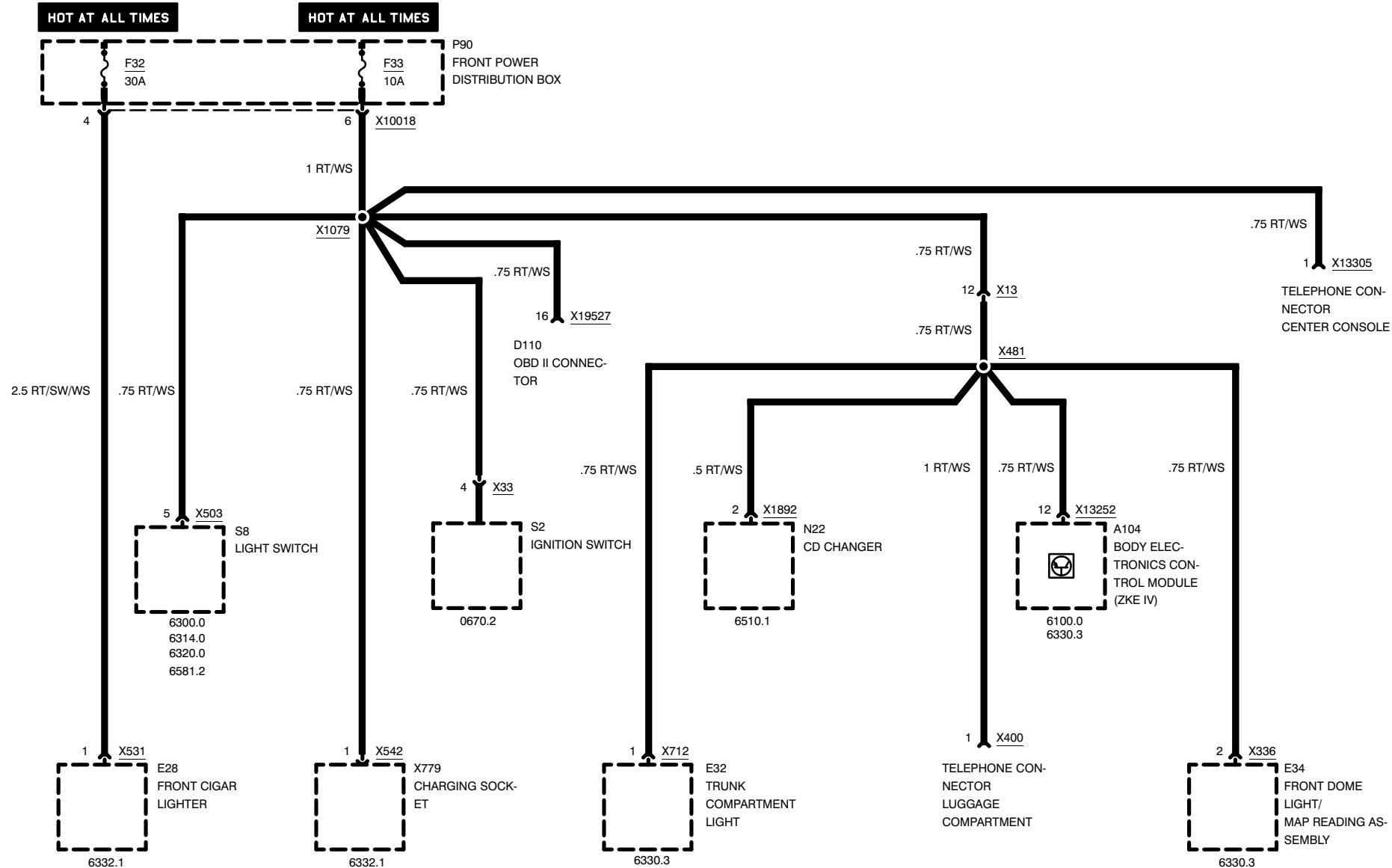
## FUSE DETAILS

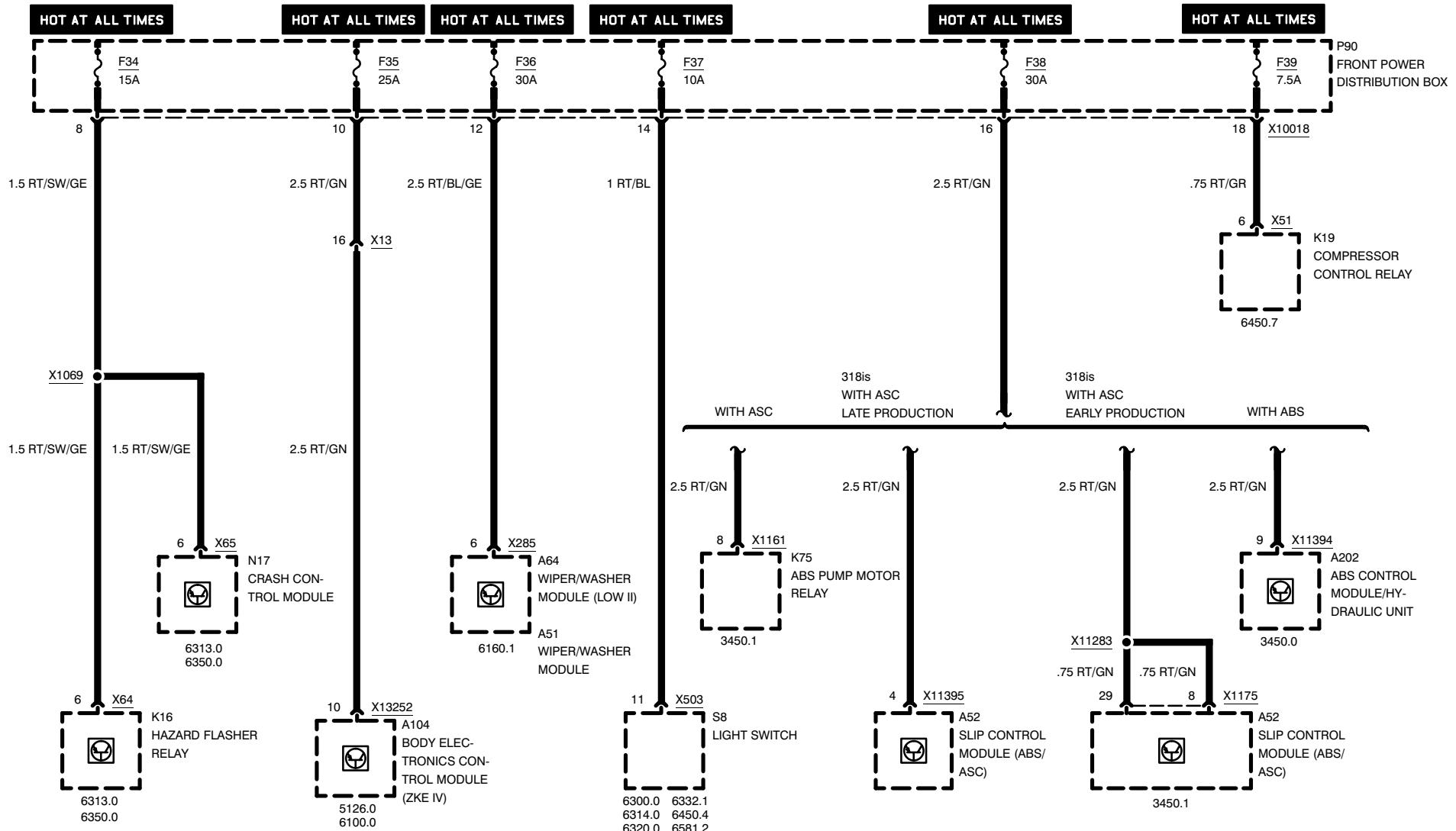
### FUSES 32 AND 33

03/98

0670.3-11

1997



**FUSE DETAILS****FUSES 34, 35, 36, 37, 38, AND 39**



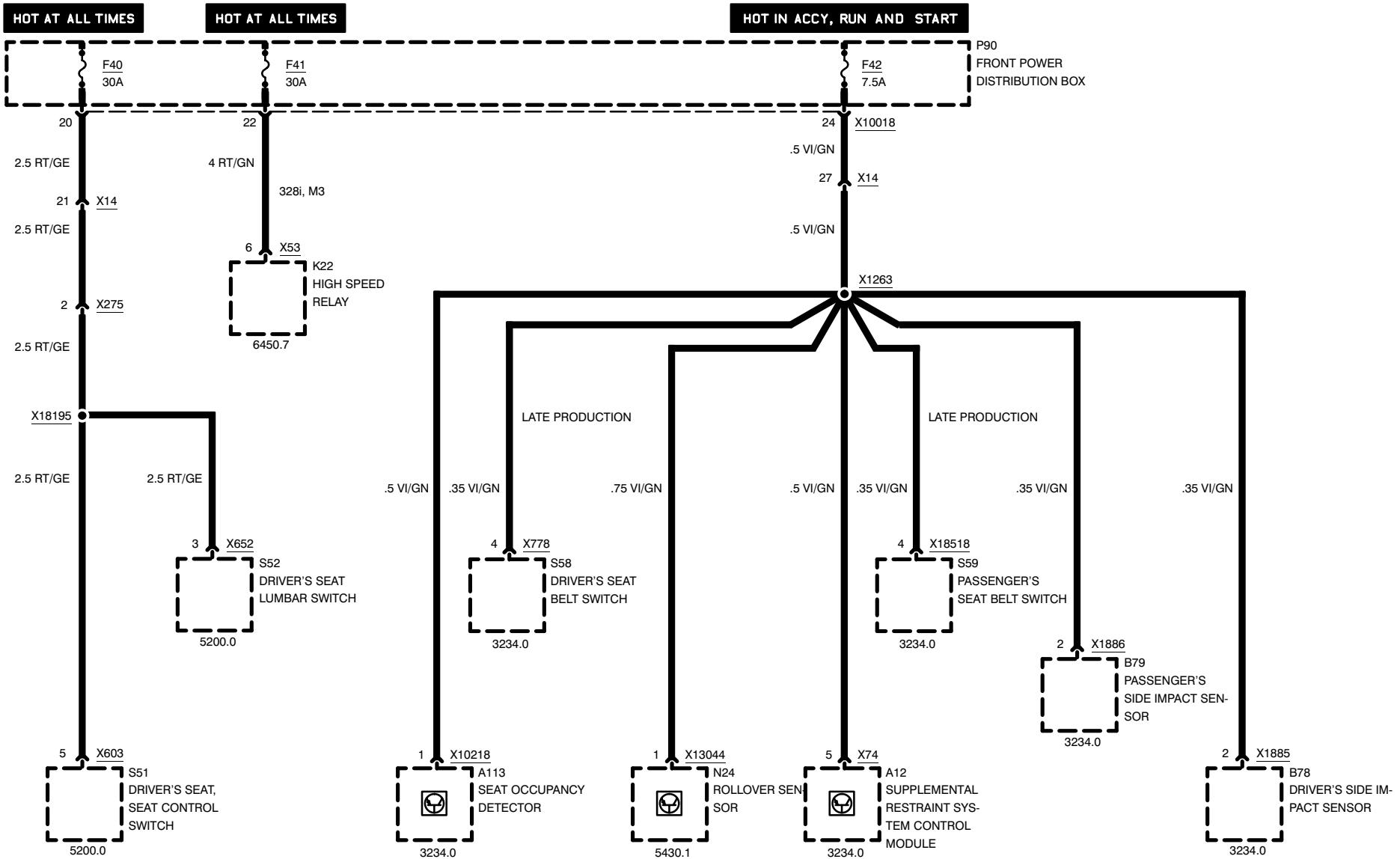
## FUSE DETAILS

### FUSES 40, 41, AND 42

03/98

0670.3-13

1997





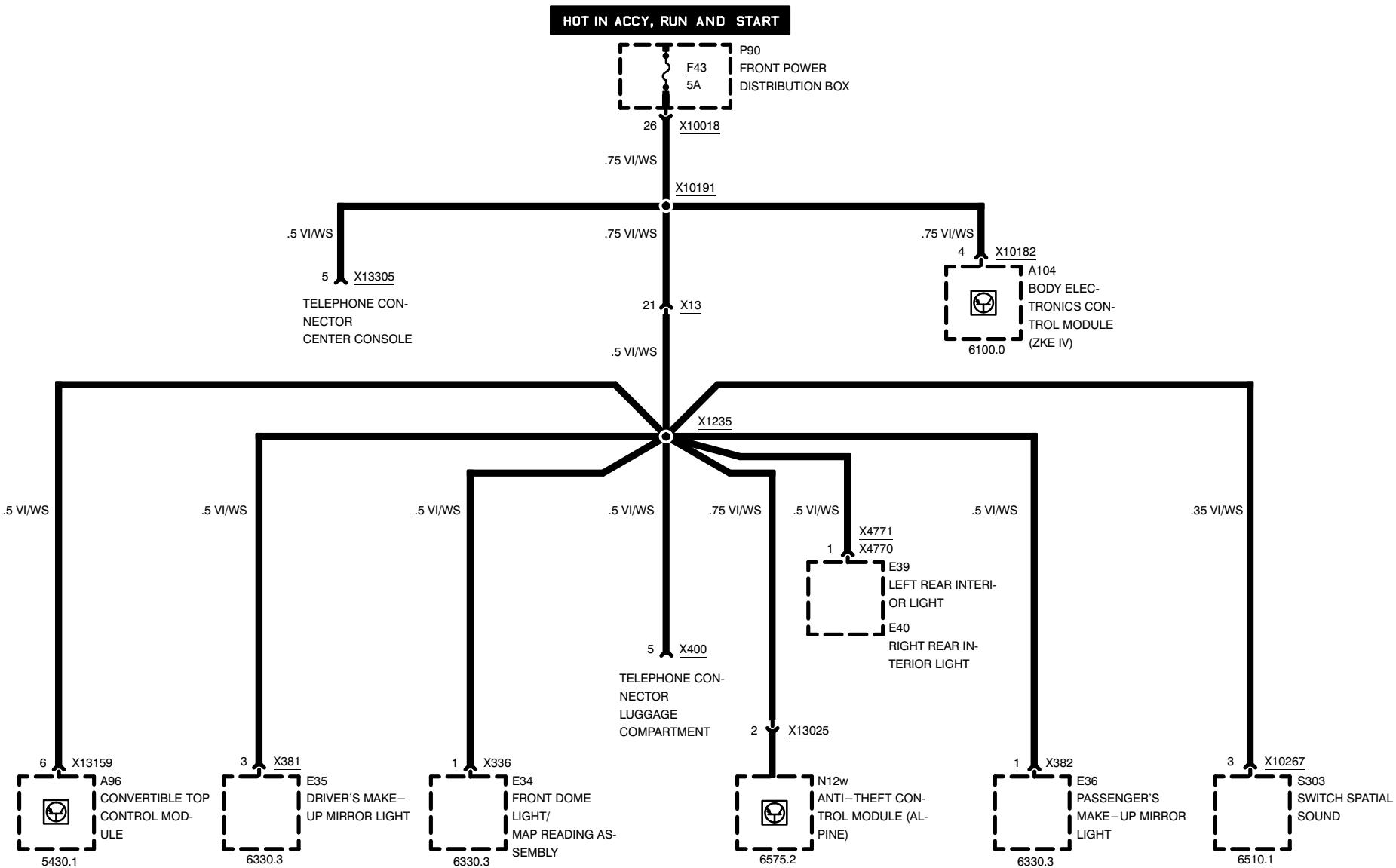
## FUSE DETAILS

### FUSE 43

03/98

0670.3-14

1997





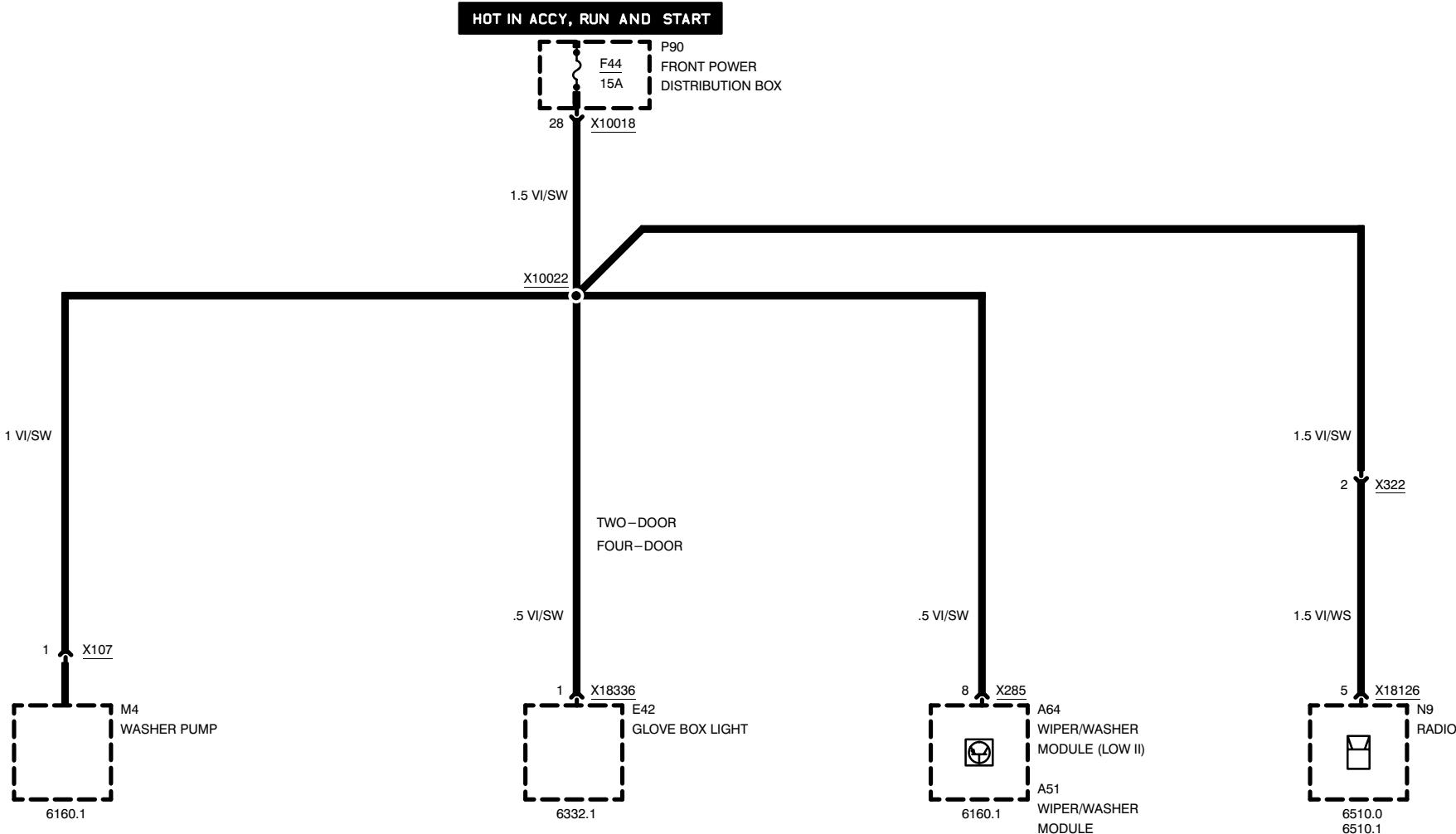
## FUSE DETAILS

### FUSE 44

03/98

0670.3-15

1997





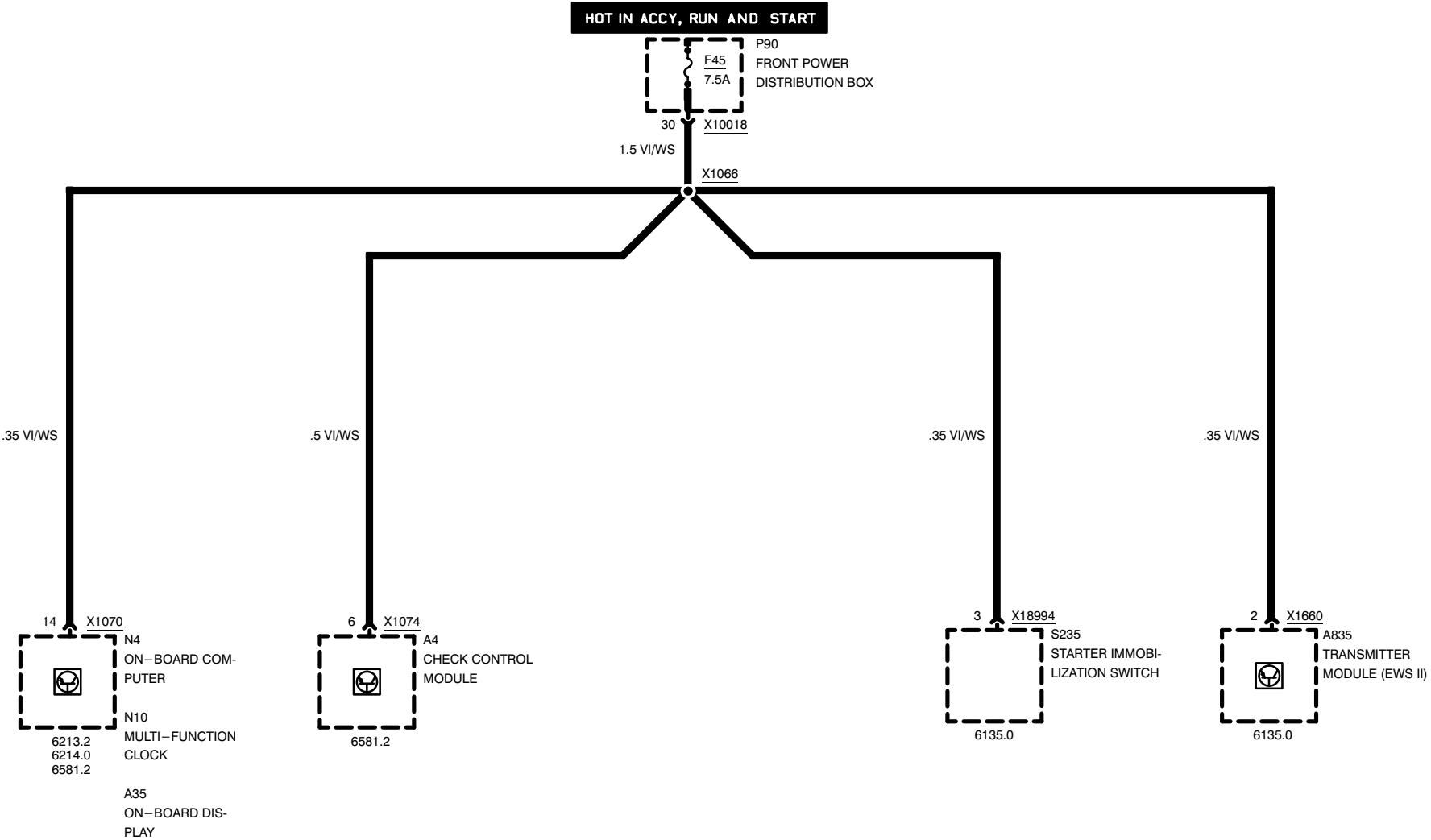
## FUSE DETAILS

### FUSE 45

03/98

0670.3-16

1997





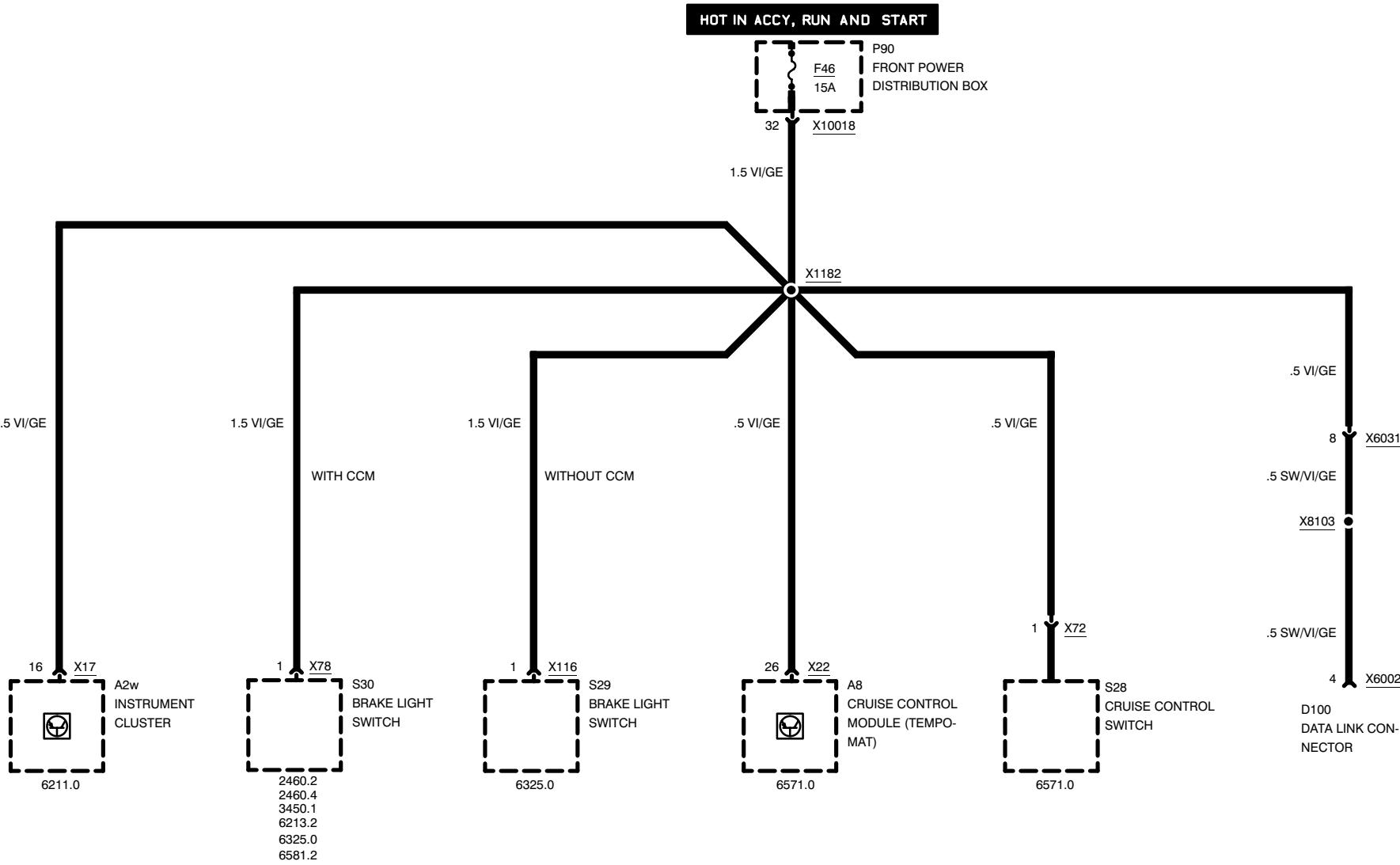
## FUSE DETAILS

### FUSE 46

03/98

0670.3-17

1997





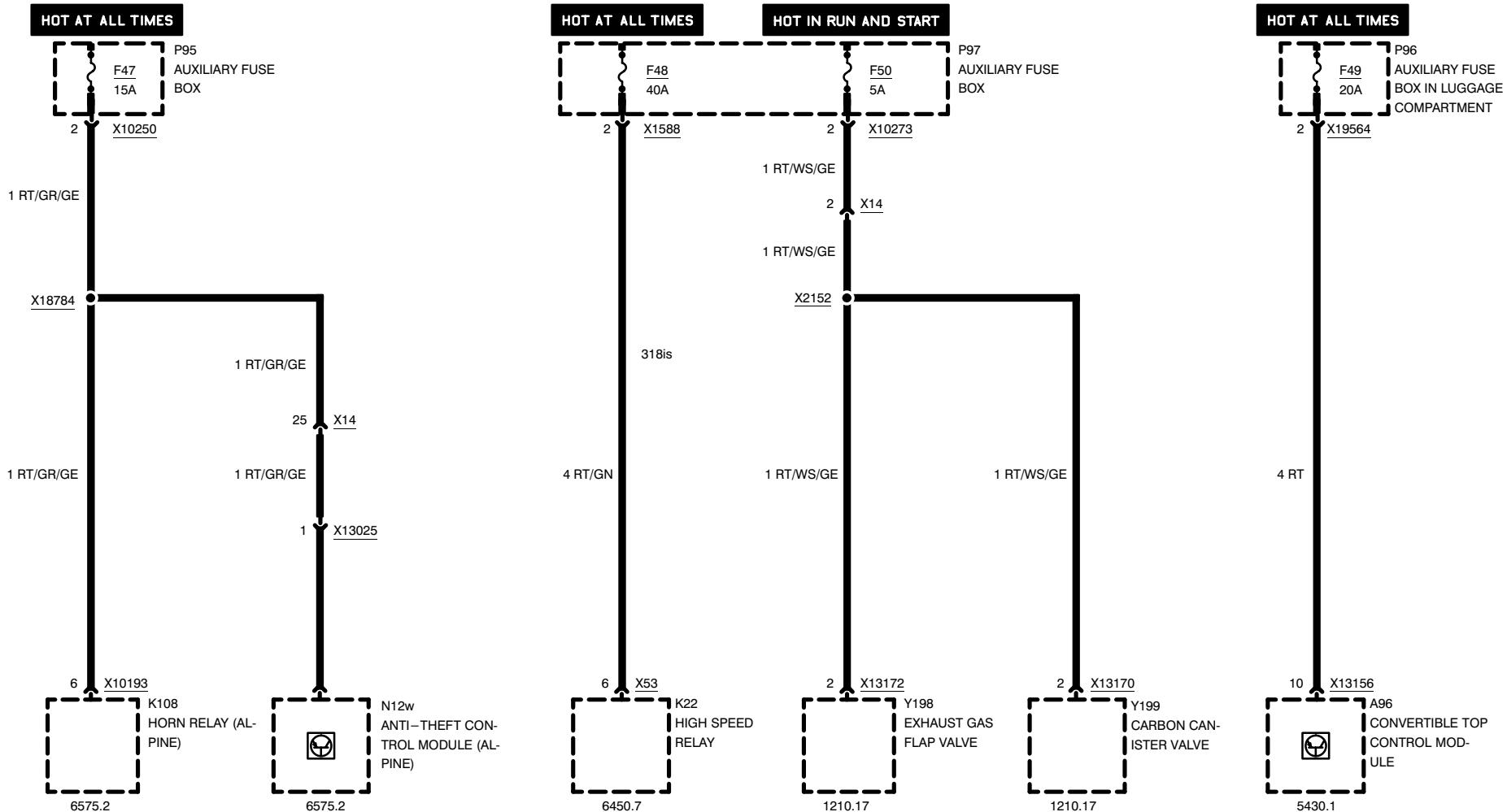
## FUSE DETAILS

### FUSES 47, 48, 49, AND 50

03/98

0670.3-18

1997





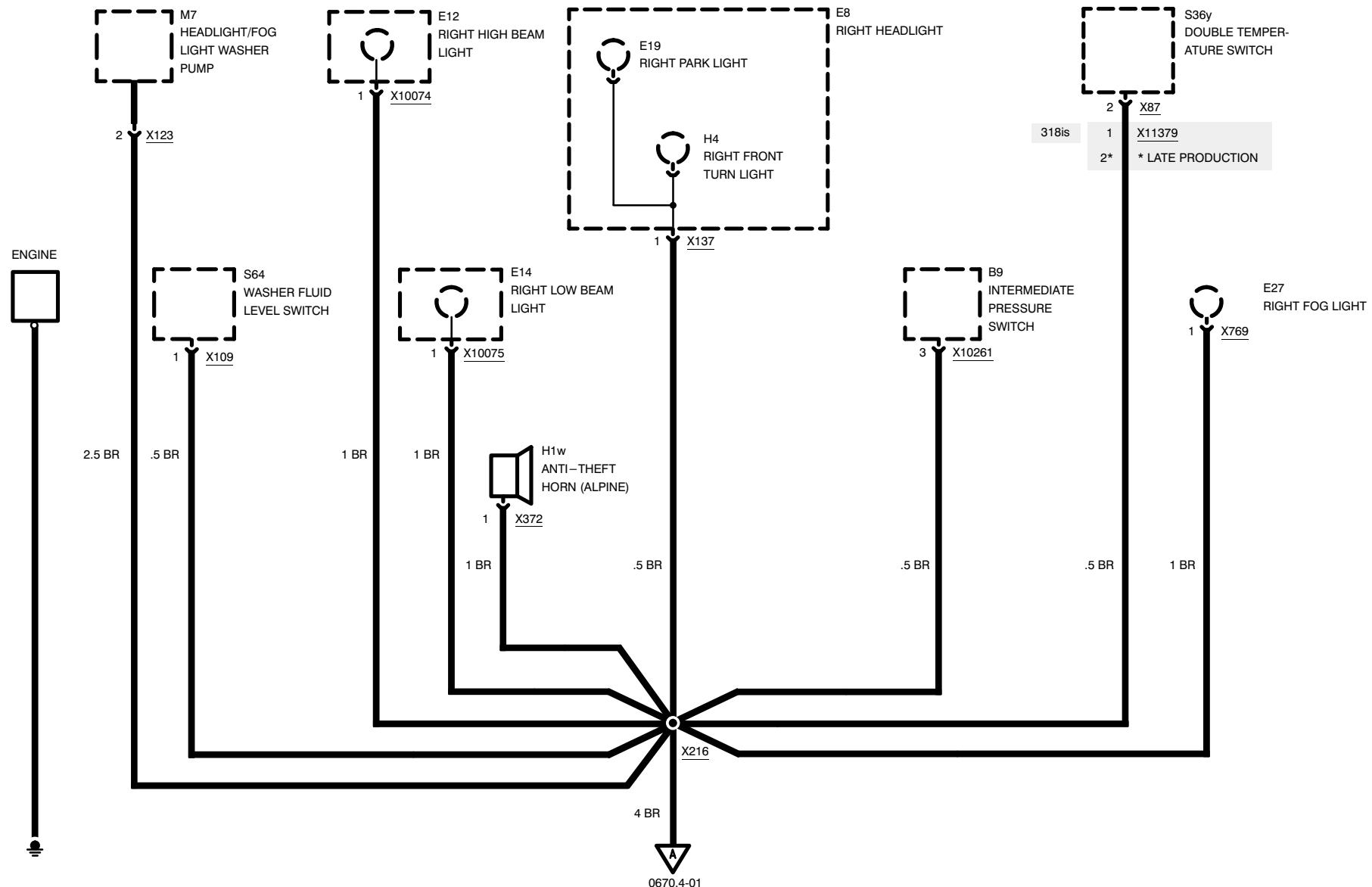
# GROUND DISTRIBUTION

## GROUND X165

03/98

0670.4-00

1997





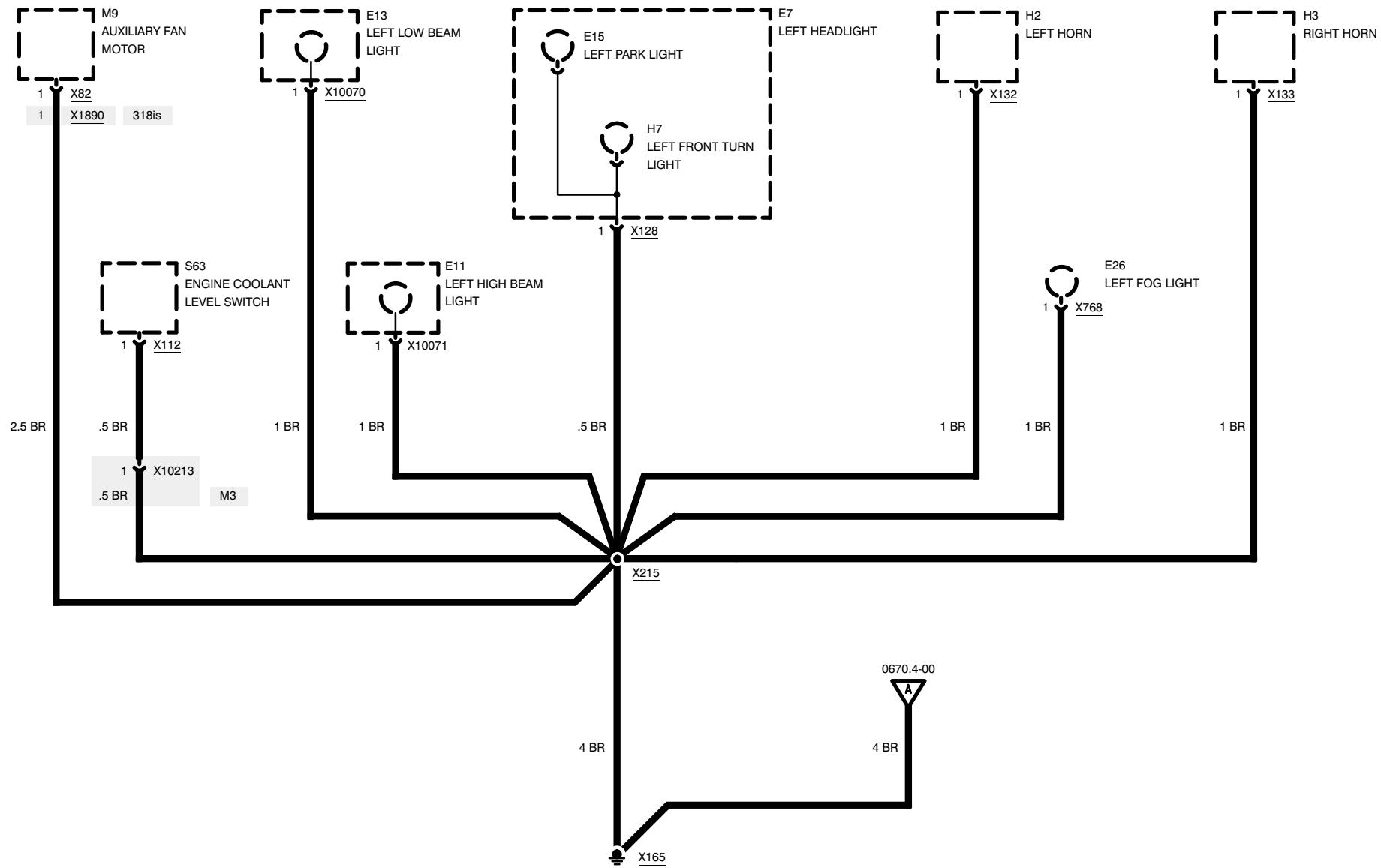
# GROUND DISTRIBUTION

## GROUND X165

03/98

0670.4-01

1997





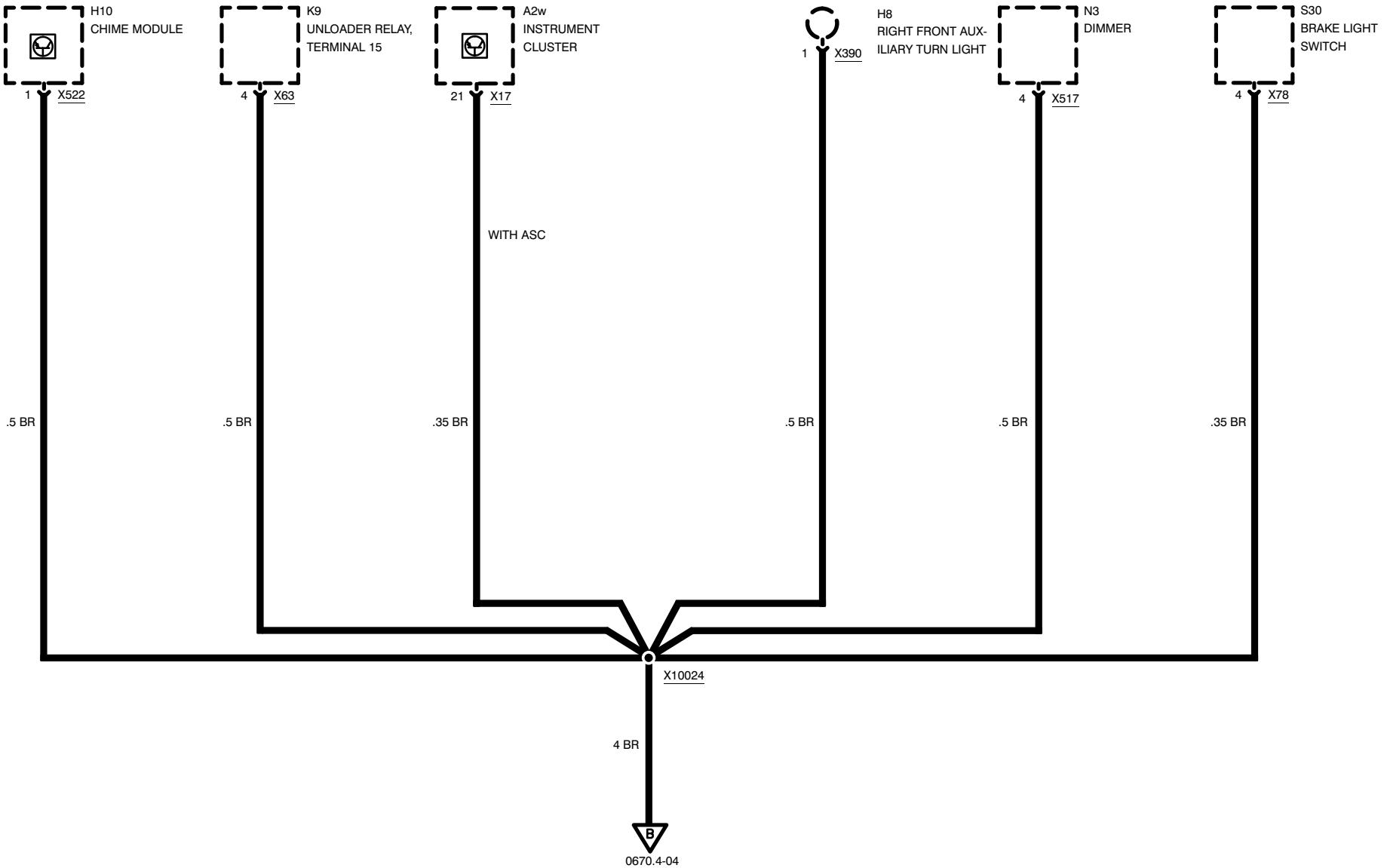
# GROUND DISTRIBUTION

## GROUND X173

03/98

0670.4-02

1997





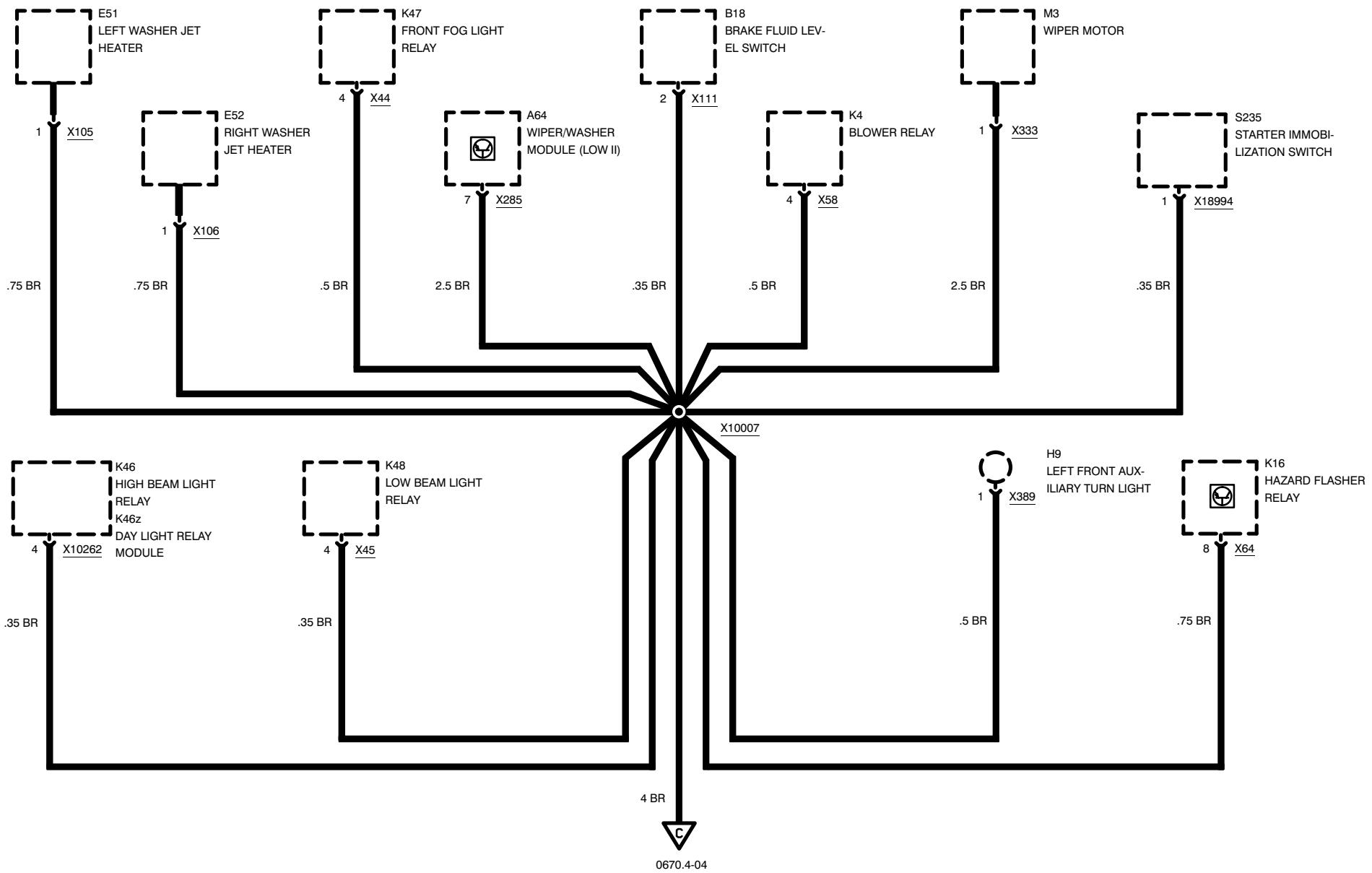
# GROUND DISTRIBUTION

## GROUND X173

03/98

0670.4-03

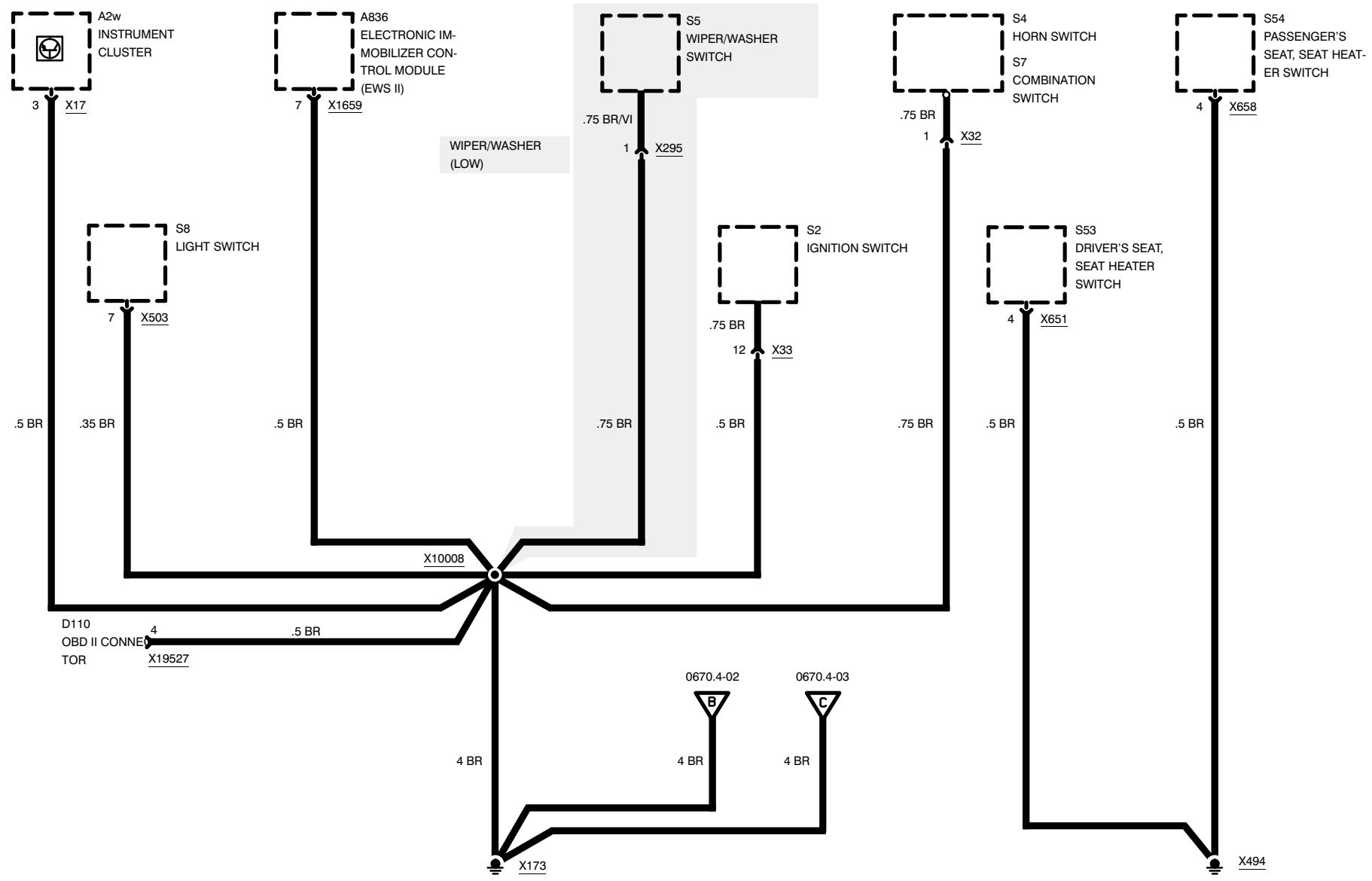
1997





## **GROUND DISTRIBUTION**

## **GROUNDS X173 AND X494**



03/98

0670.4-04

1997



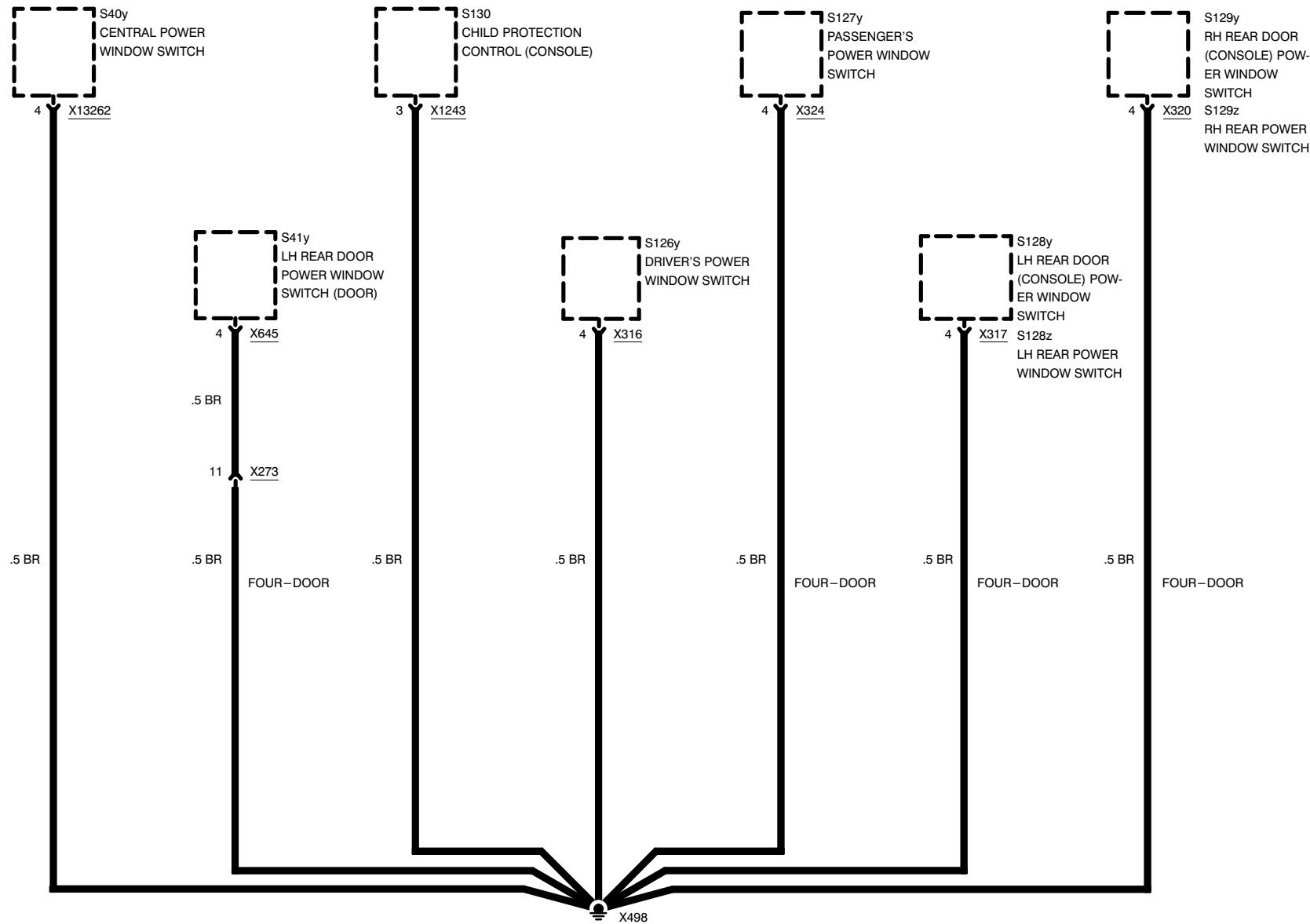
## GROUND DISTRIBUTION

### GROUND X498

03/98

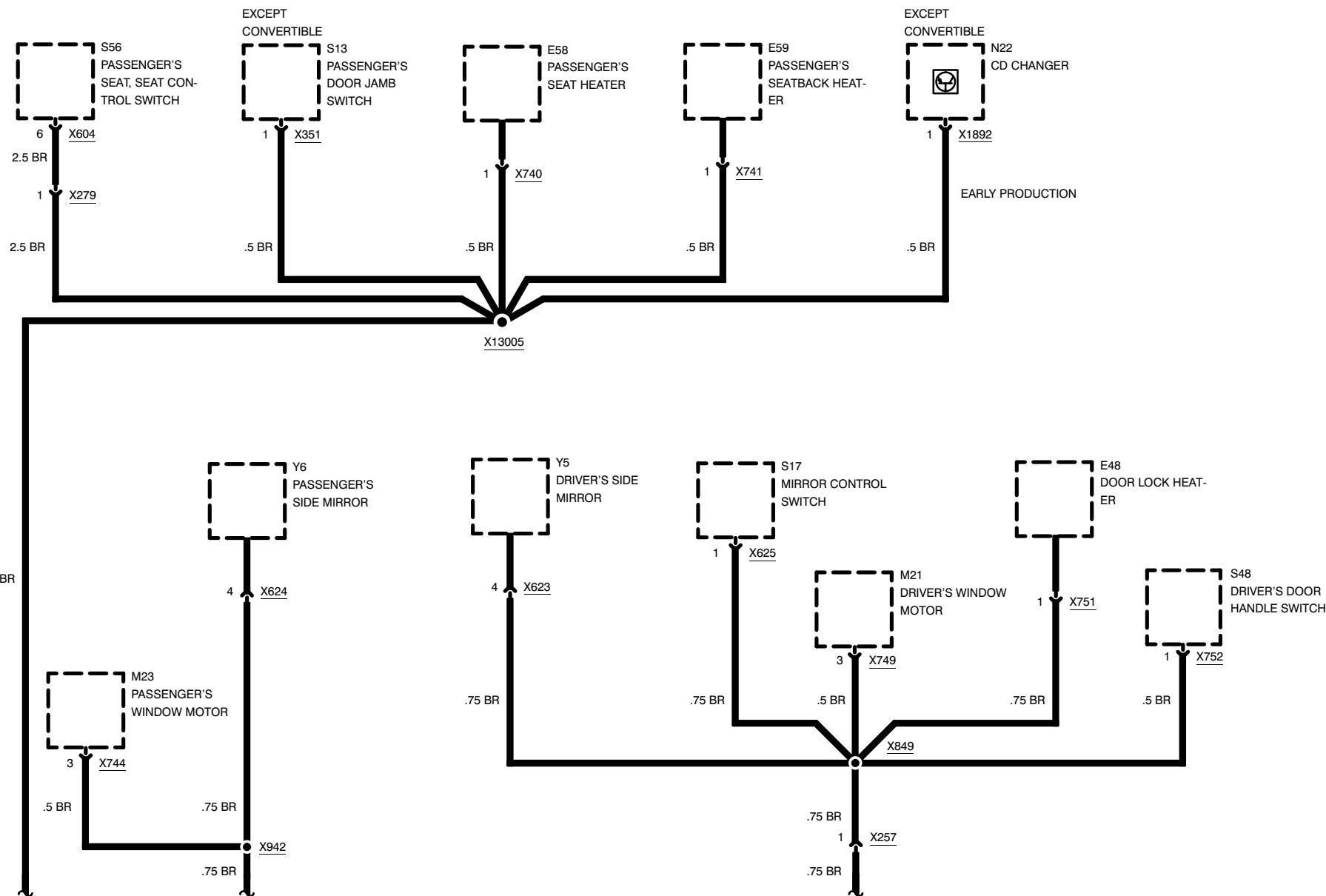
0670.4-05

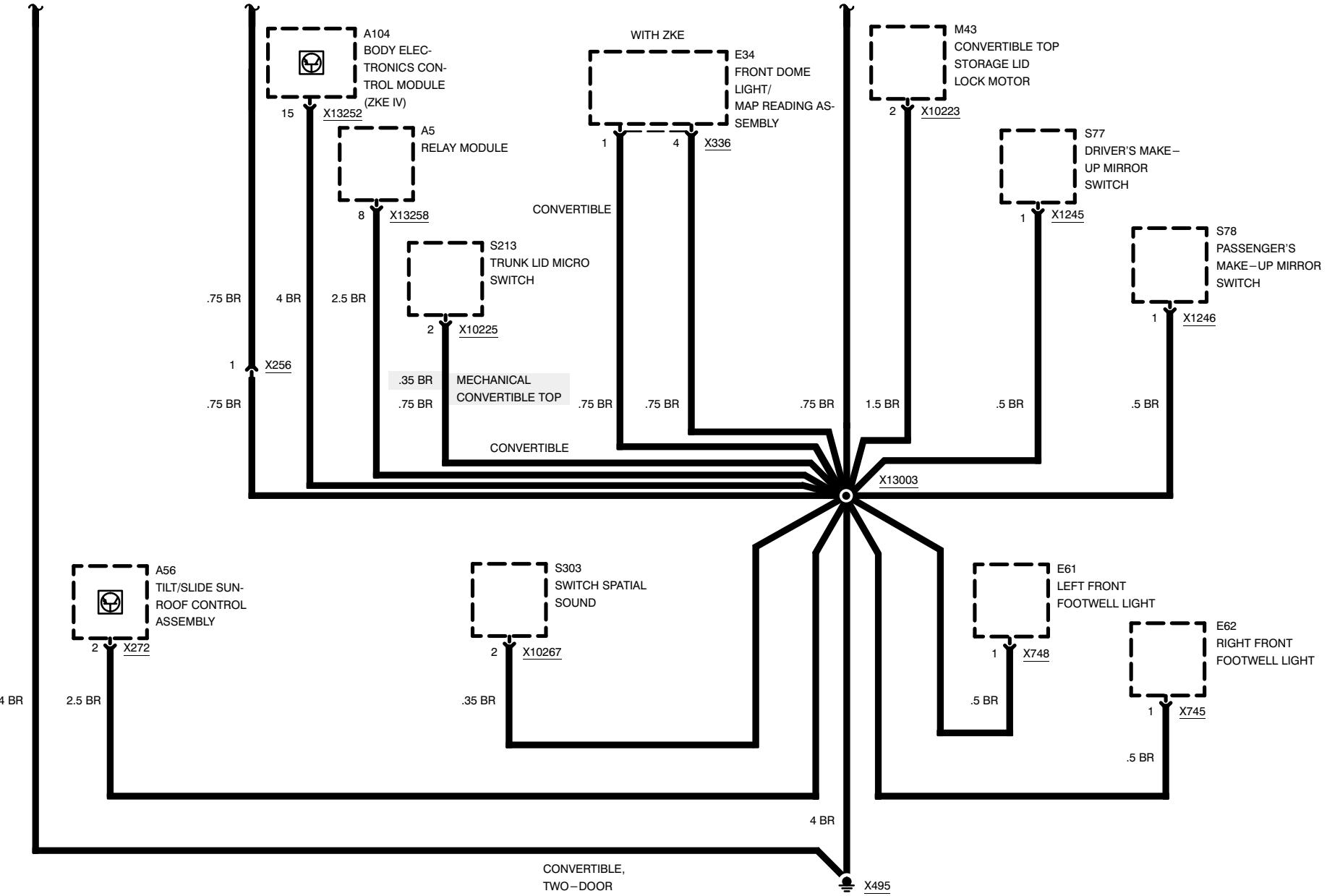
1997



# GROUND DISTRIBUTION

## GROUND X495

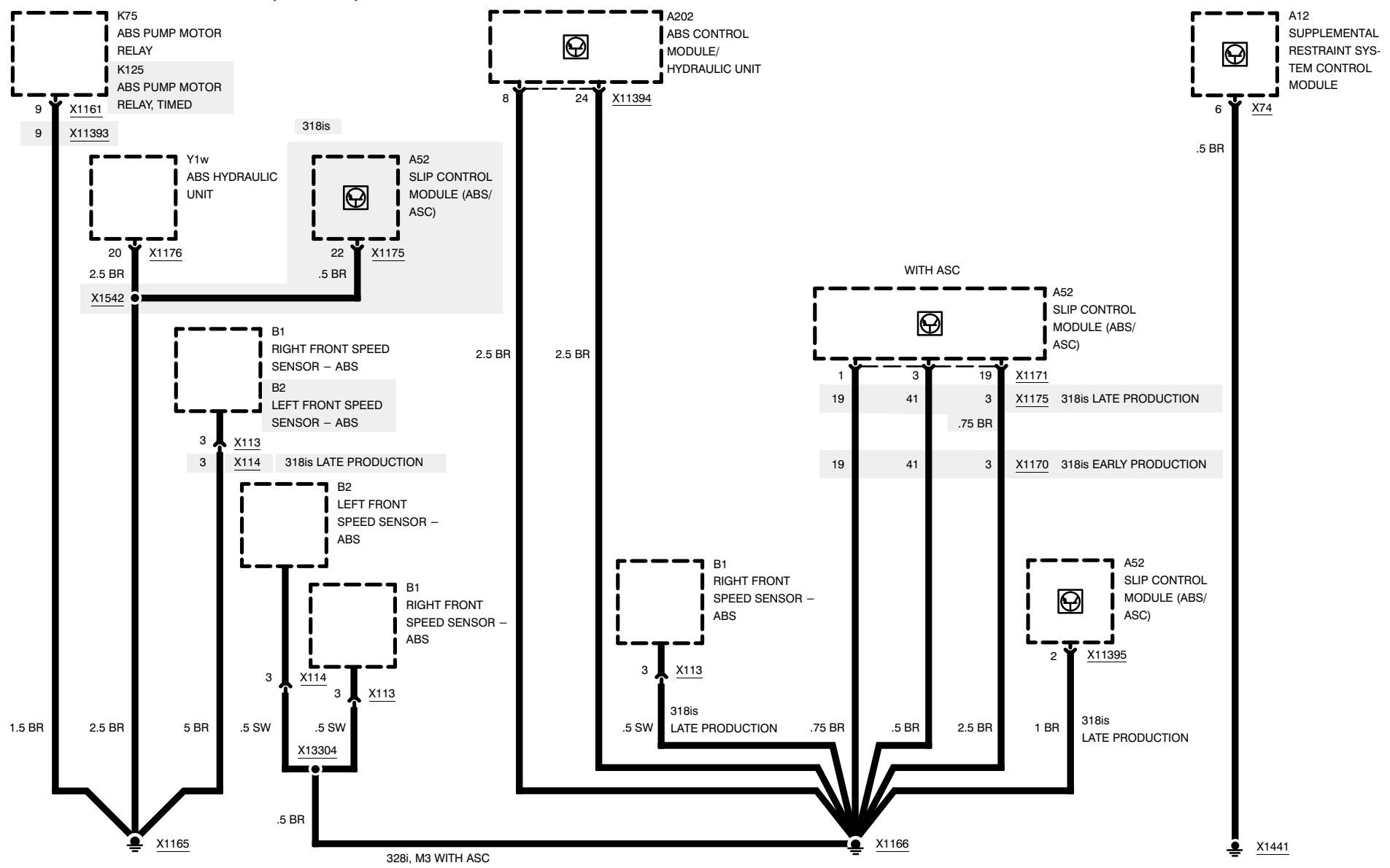






## GROUND DISTRIBUTION

### GROUNDS X1165, X1166, AND X1441





## GROUND DISTRIBUTION

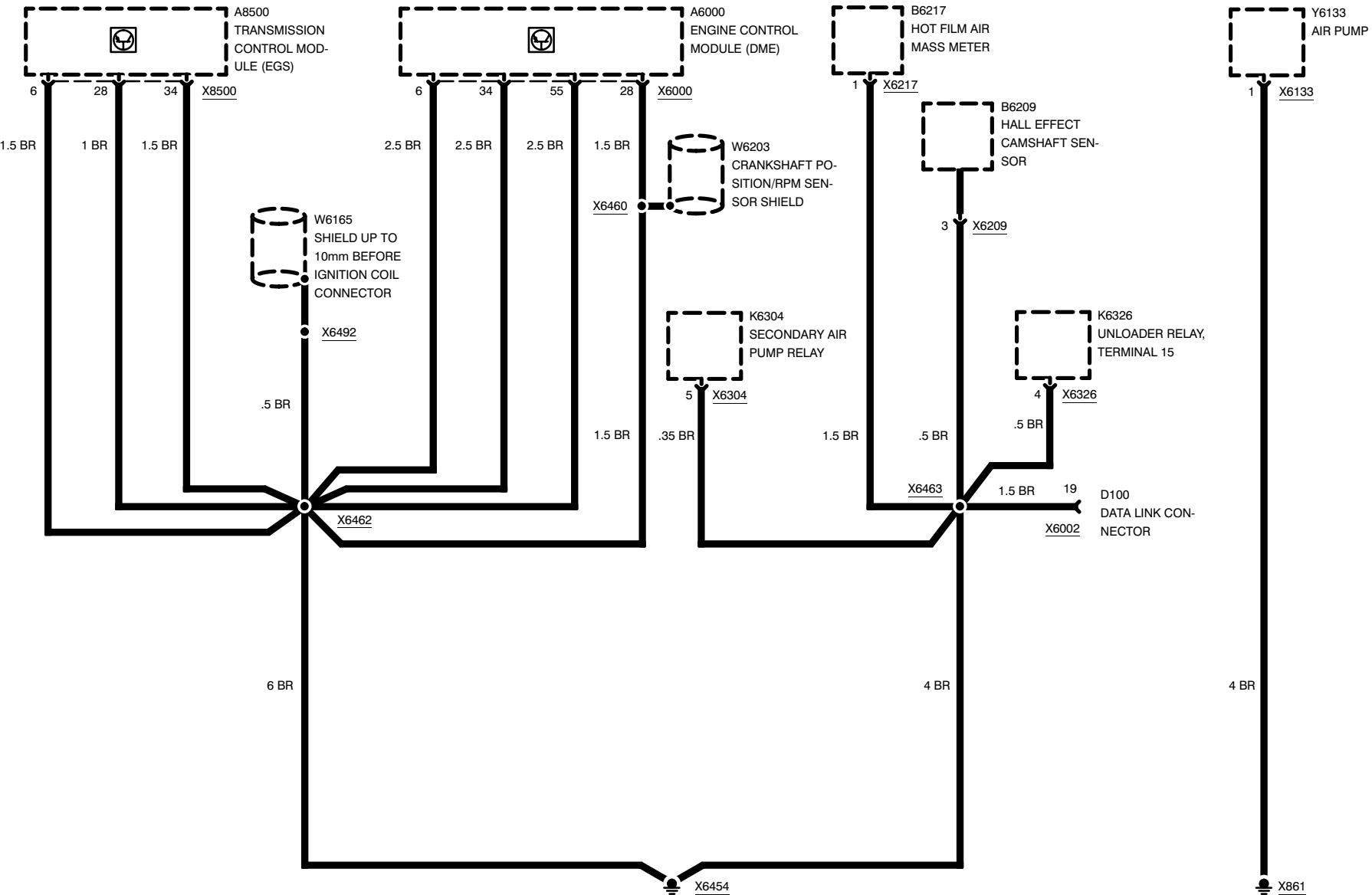
### GROUNDS X6454 AND X861

318is

03/98

0670-4-09

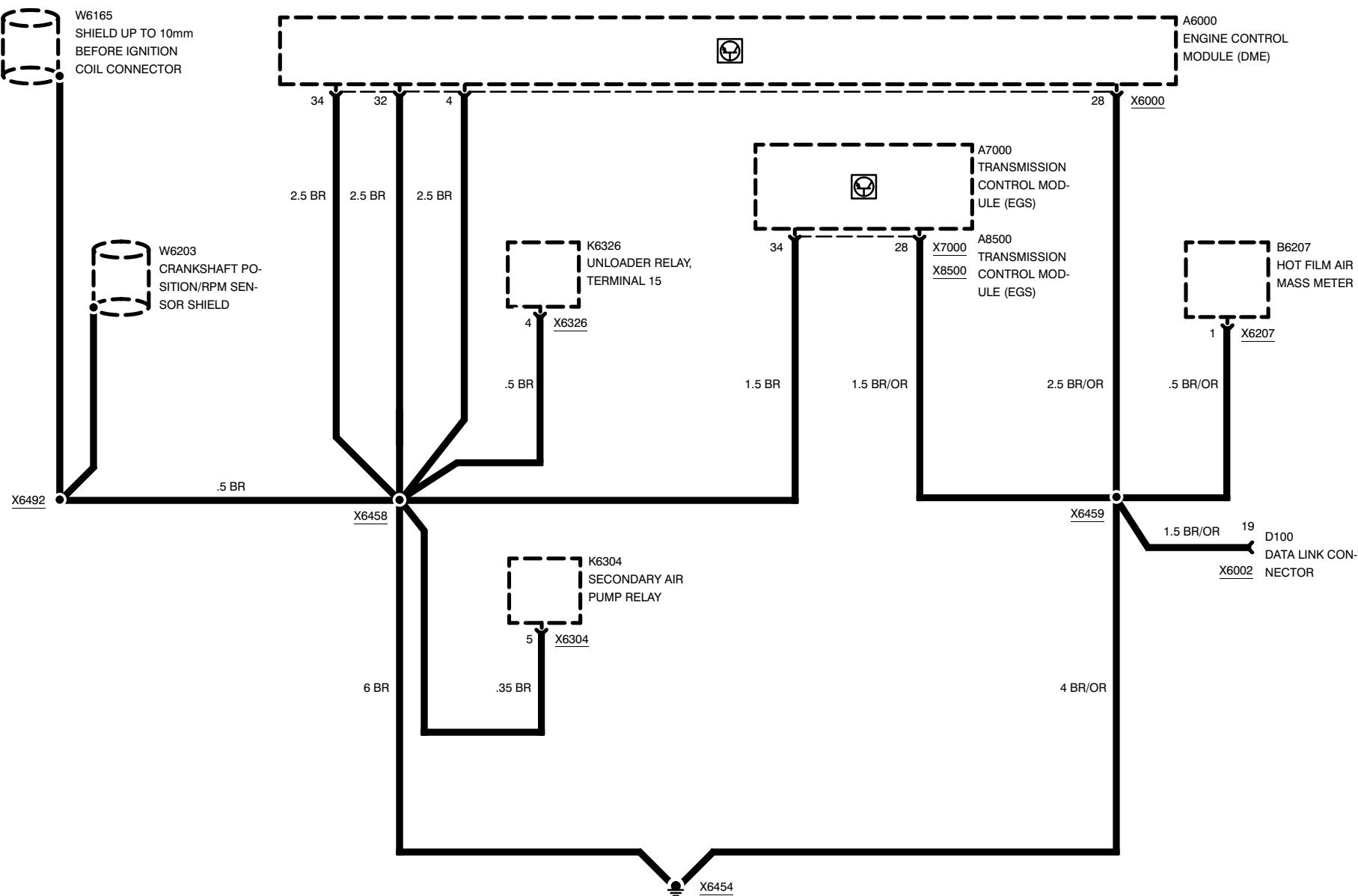
1997



## GROUND DISTRIBUTION

328i, M3

GROUND X6454





## GROUND DISTRIBUTION

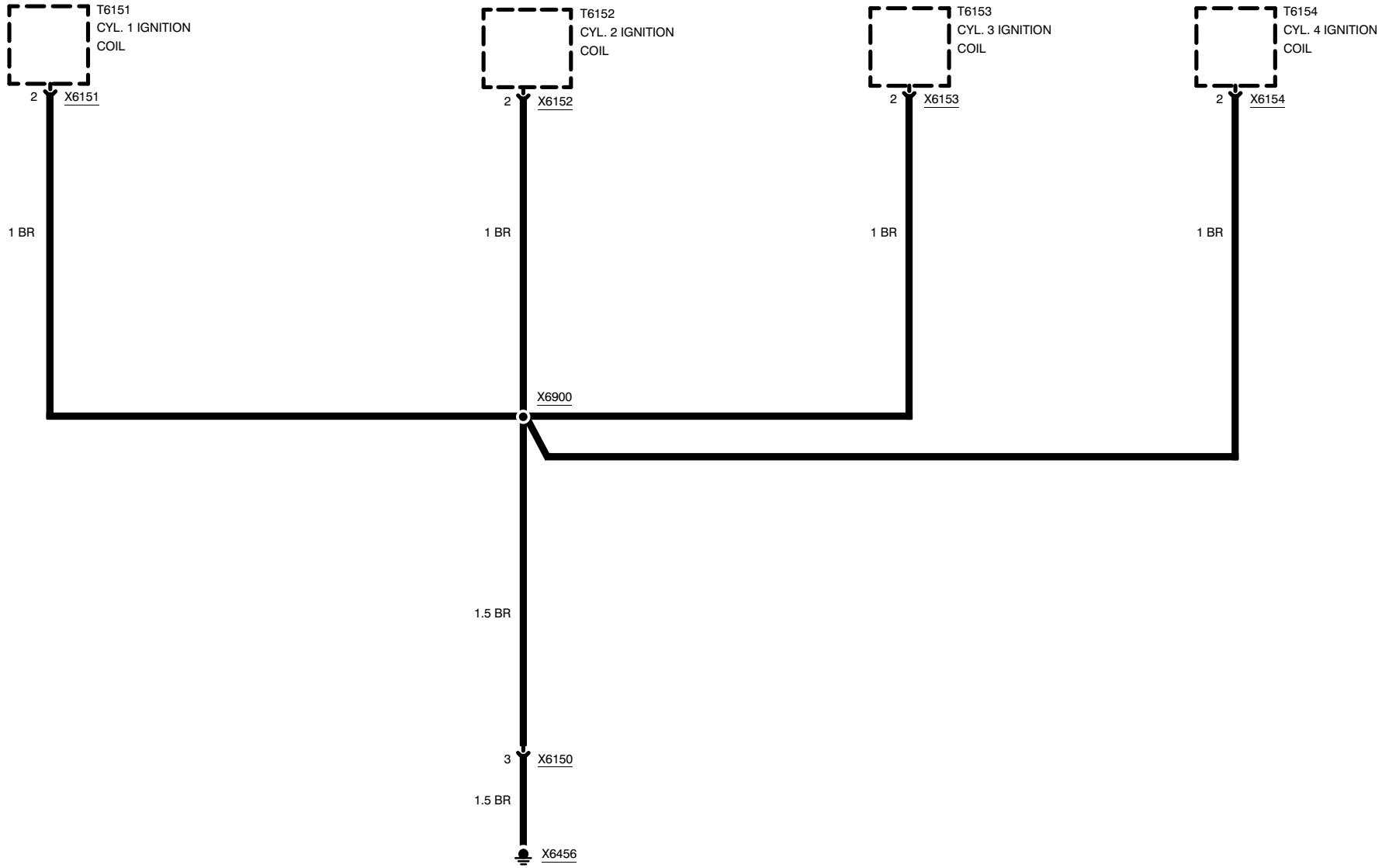
### GROUND X6456

318is

03/98

0670.4-11

1997





## GROUND DISTRIBUTION

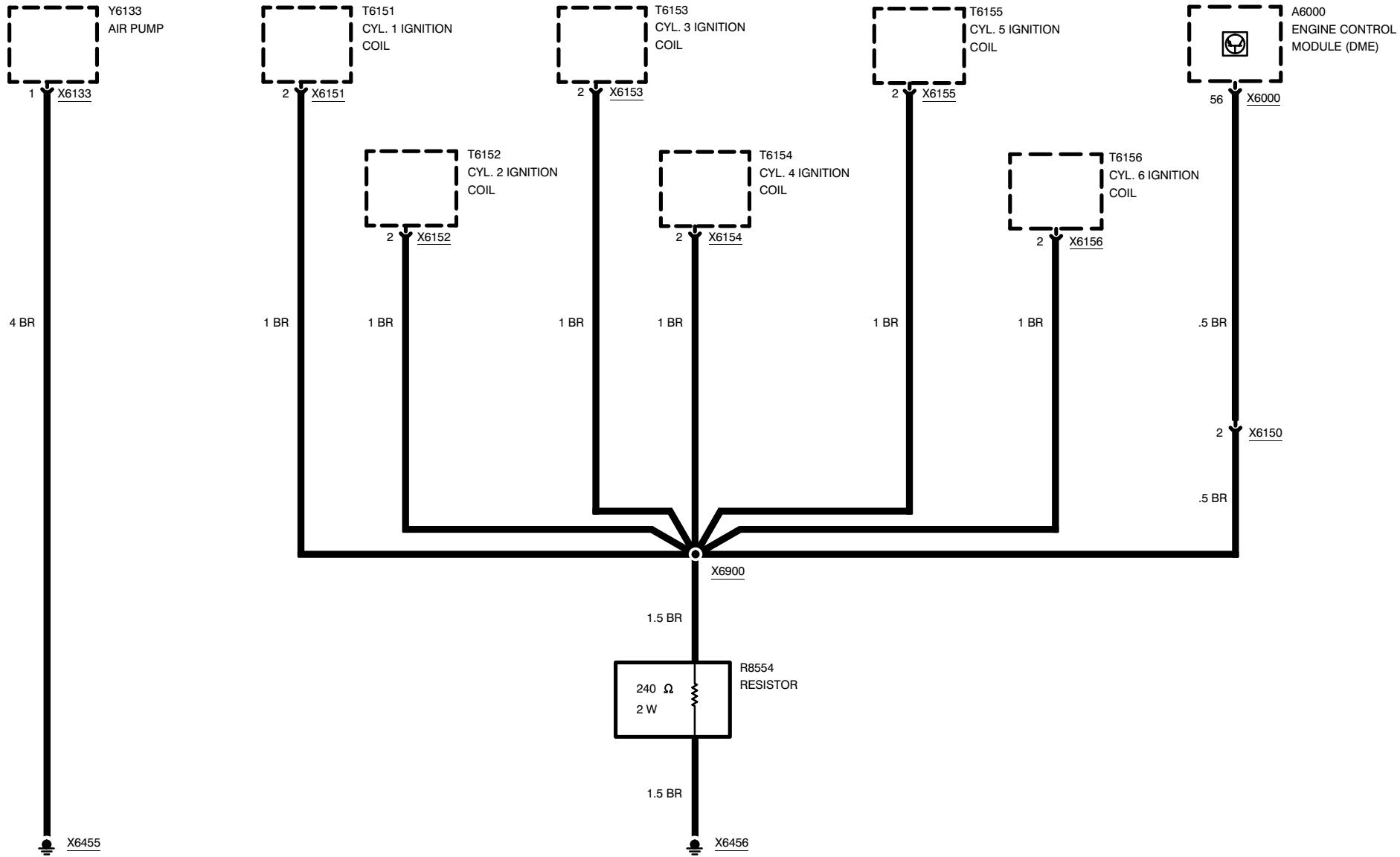
GROUND X6455 AND X6456

328i, M3

03/98

0670.4-12

1997



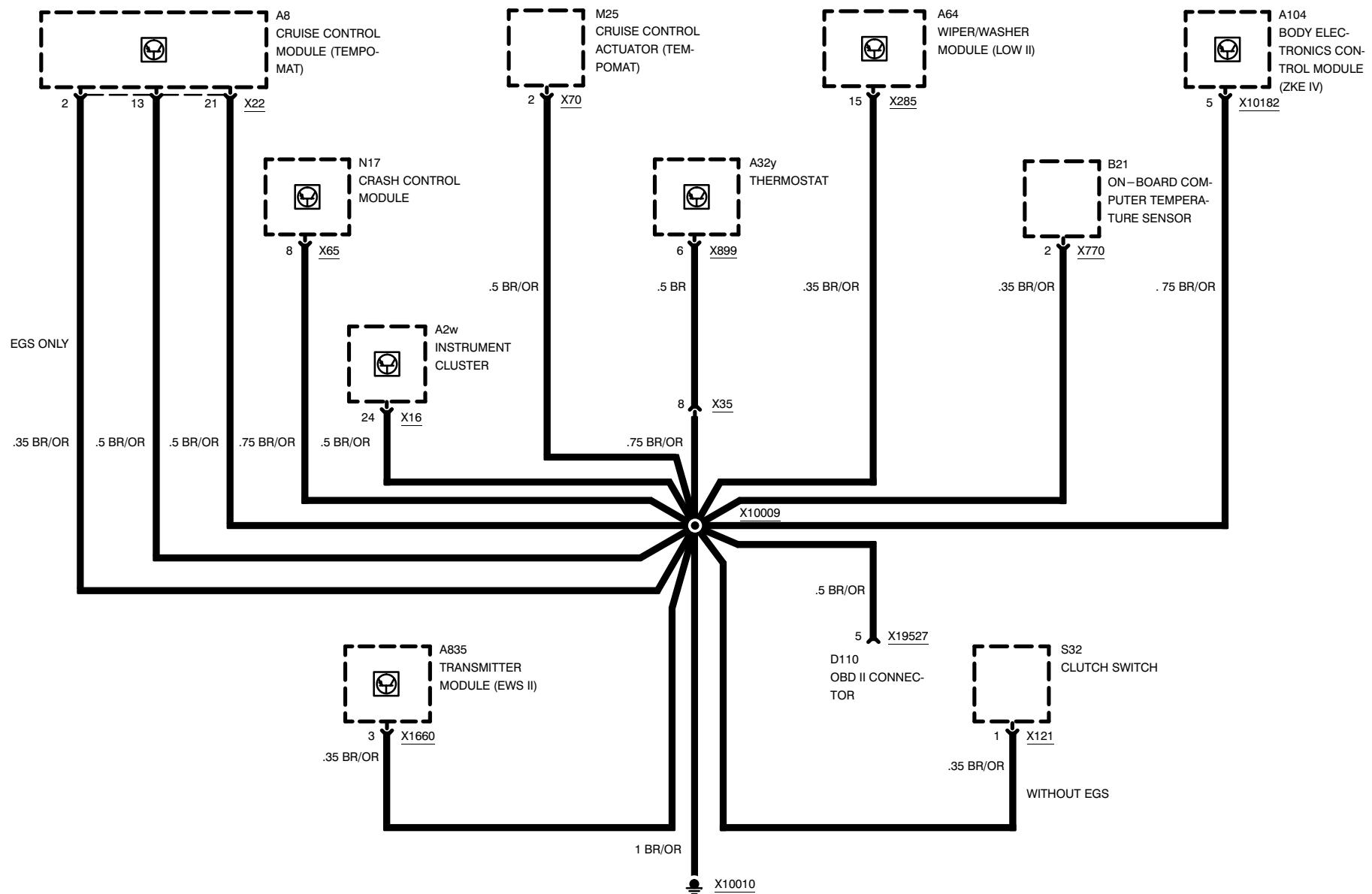
## **GROUND DISTRIBUTION**

### **GROUND X10010**

03/98

0670.4-13

1997





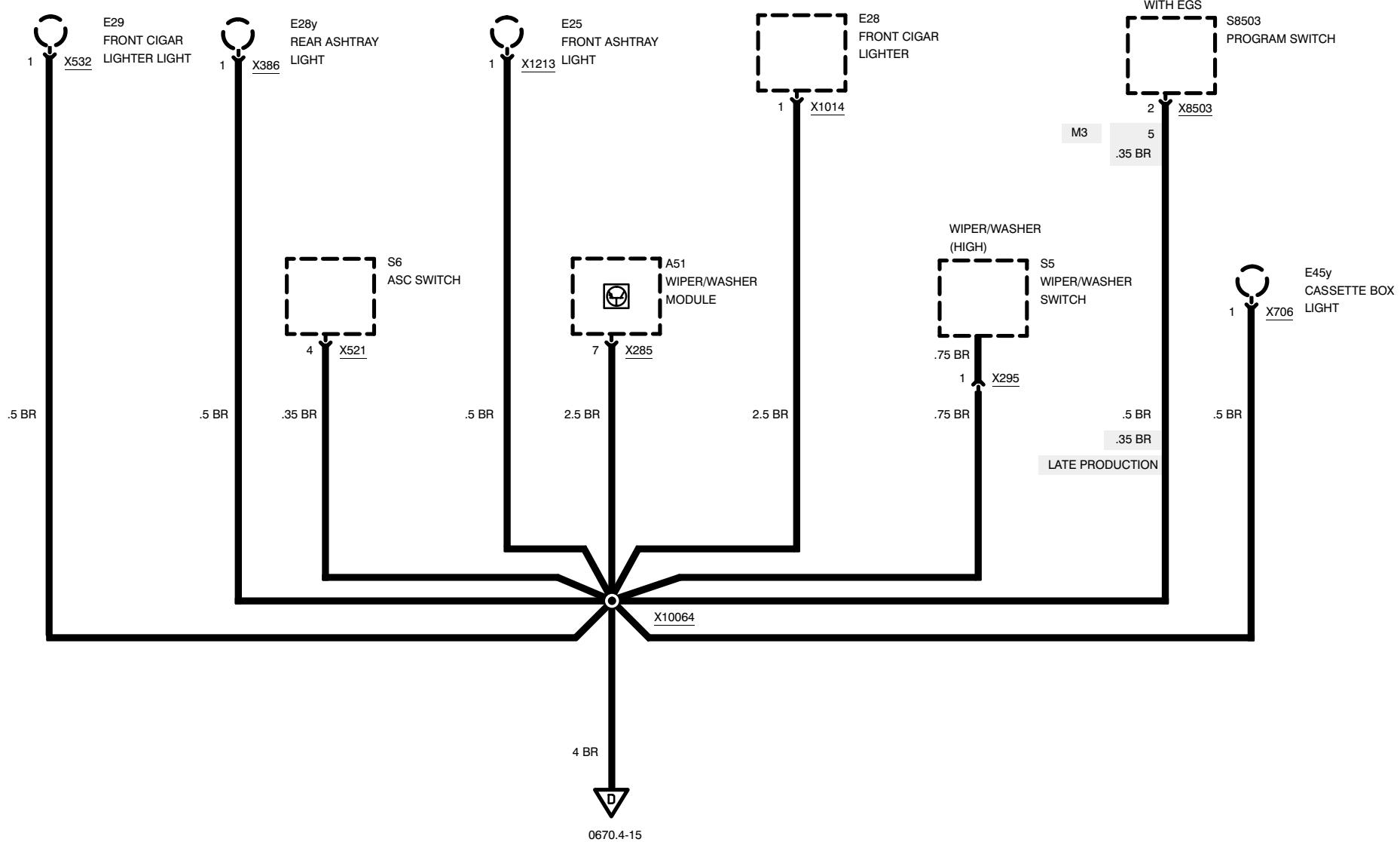
# GROUND DISTRIBUTION

## GROUND X10012

03/98

0670.4-14

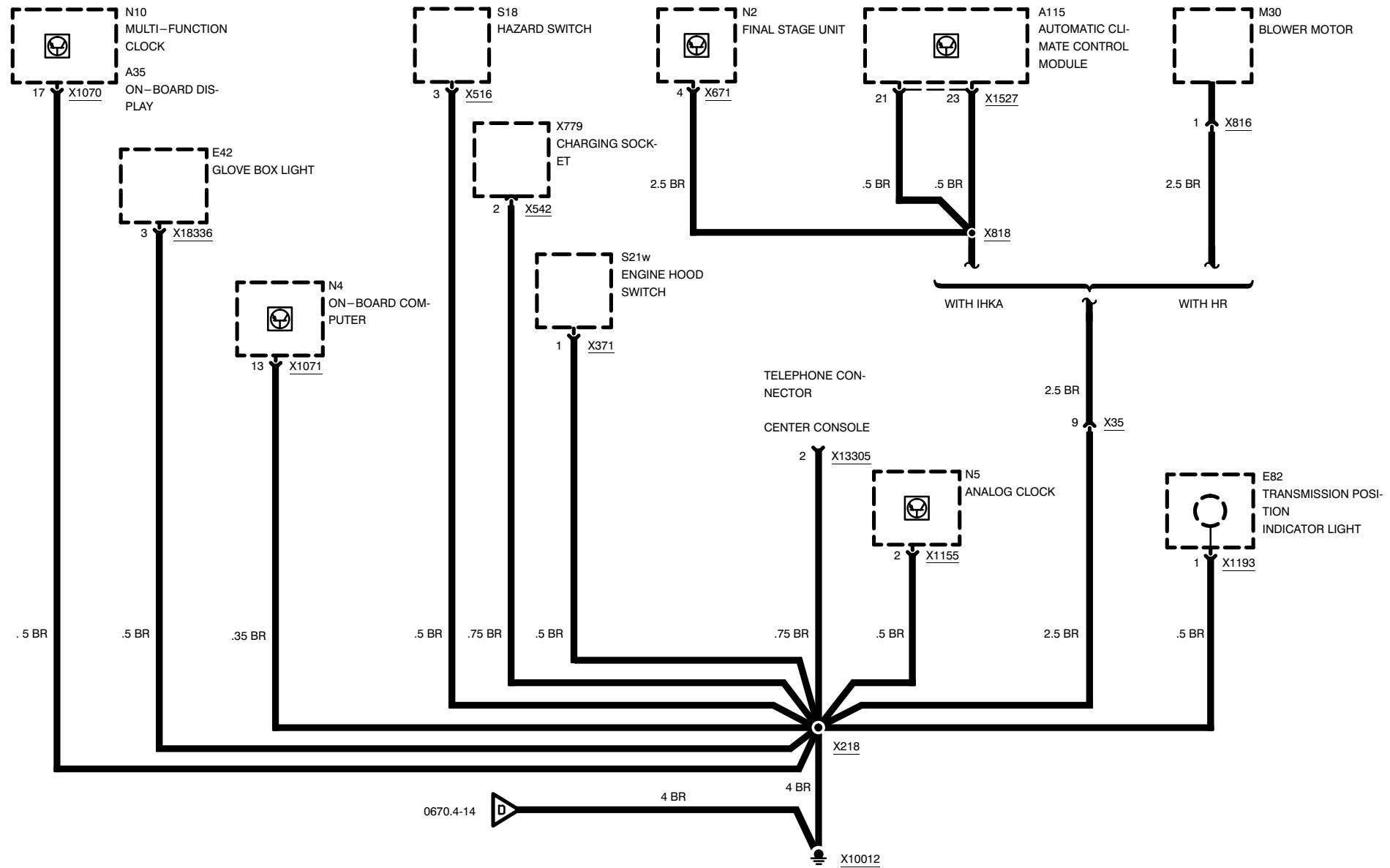
1997





# GROUND DISTRIBUTION

## GROUND X10012



03/98

0670.4-15

1997



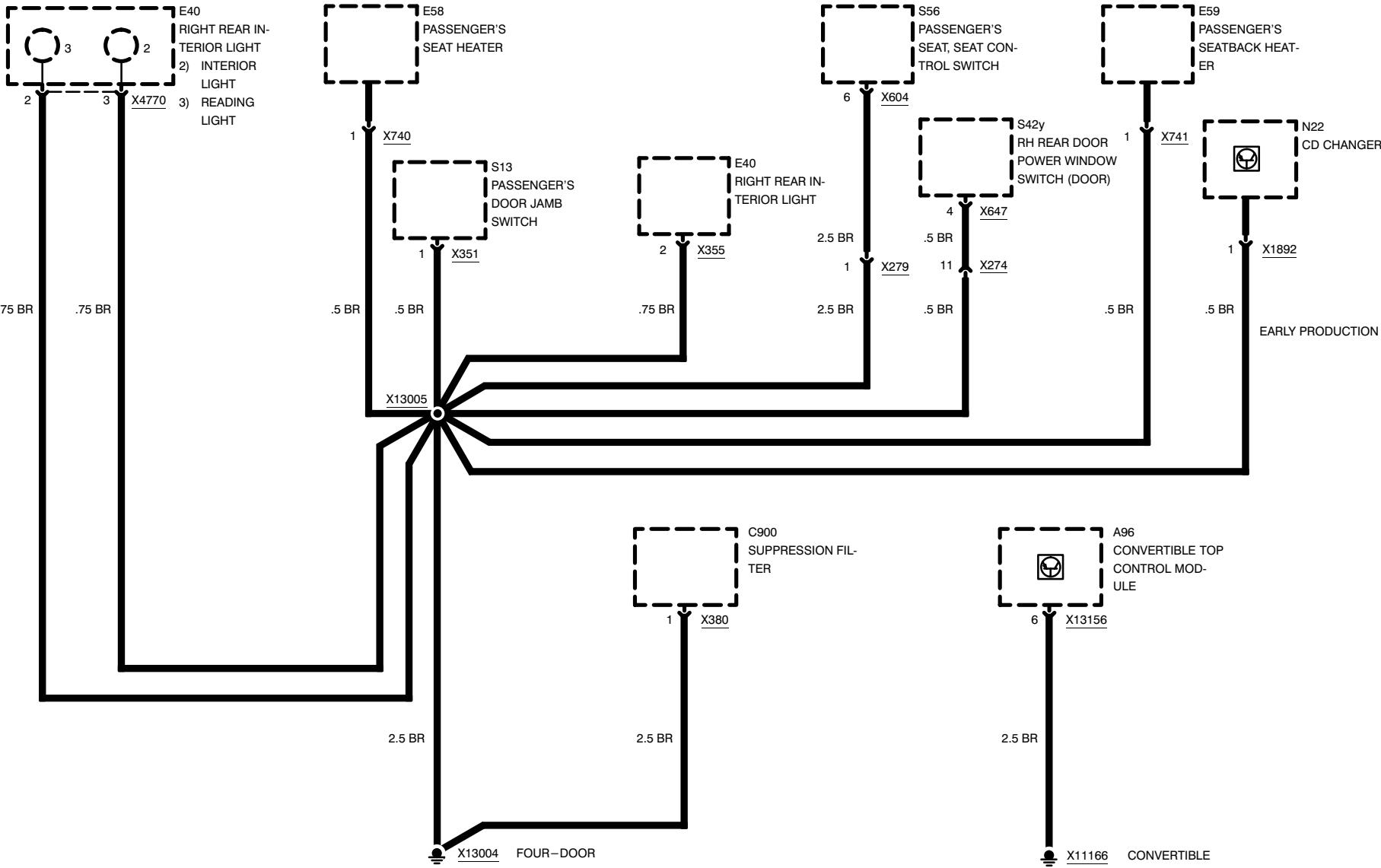
## GROUND DISTRIBUTION

### GROUNDS X11166 AND X13004

03/98

0670.4-16

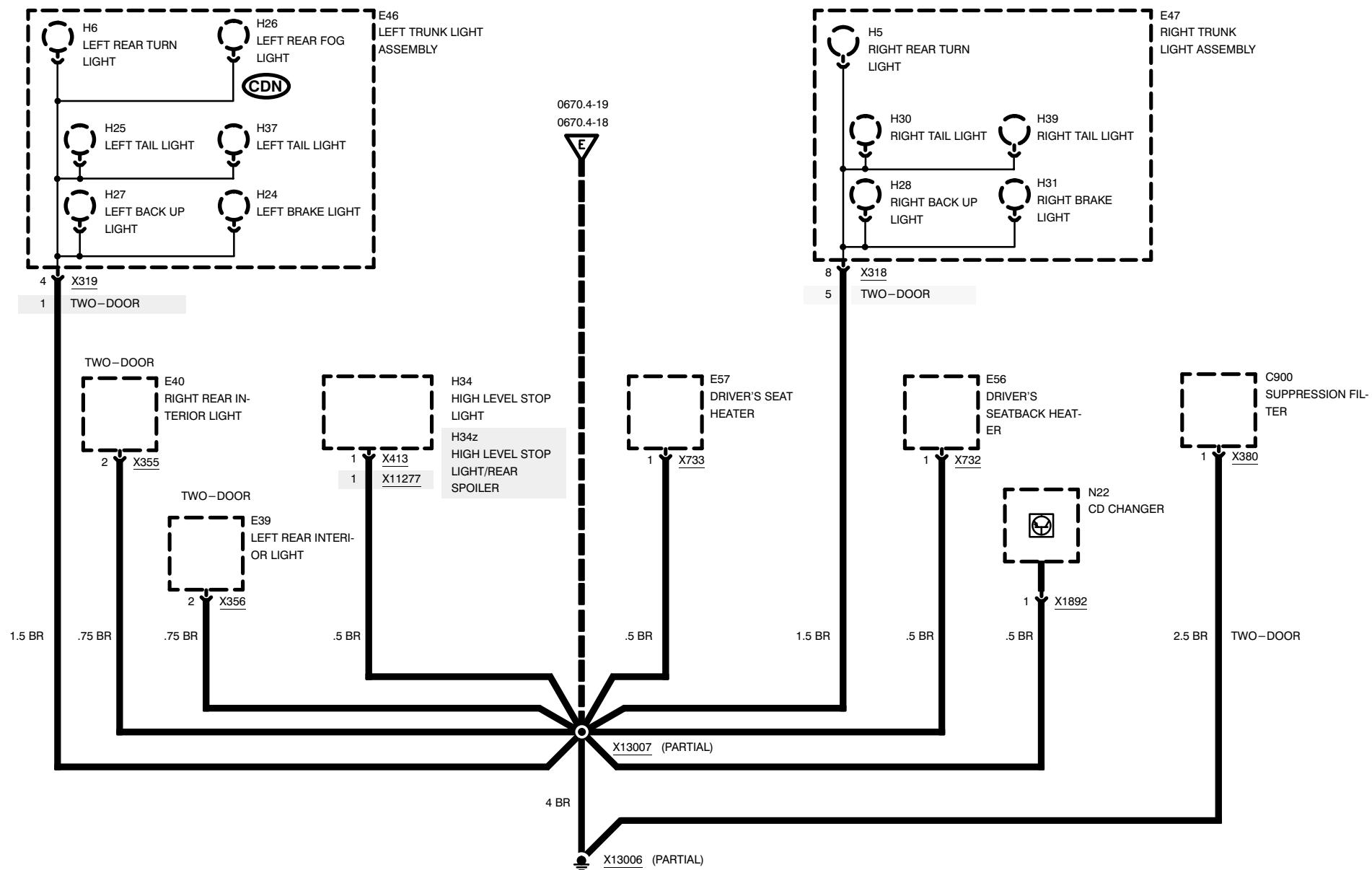
1997





## GROUND DISTRIBUTION

### GROUND X13006

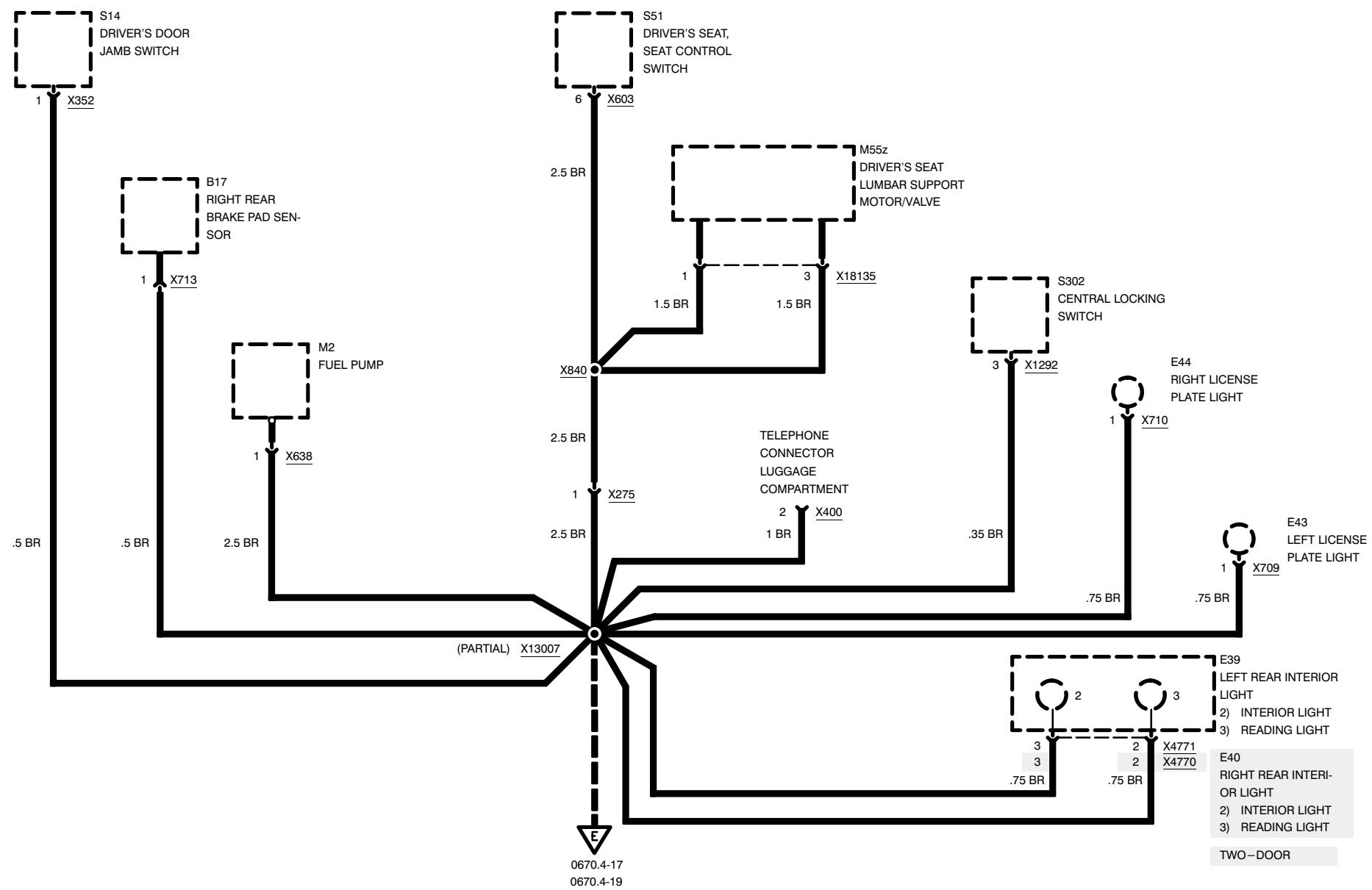




# **GROUND DISTRIBUTION**

## **GROUND X13006**

GROUND X13006



03/98

0670.4-18

166



## GROUND DISTRIBUTION

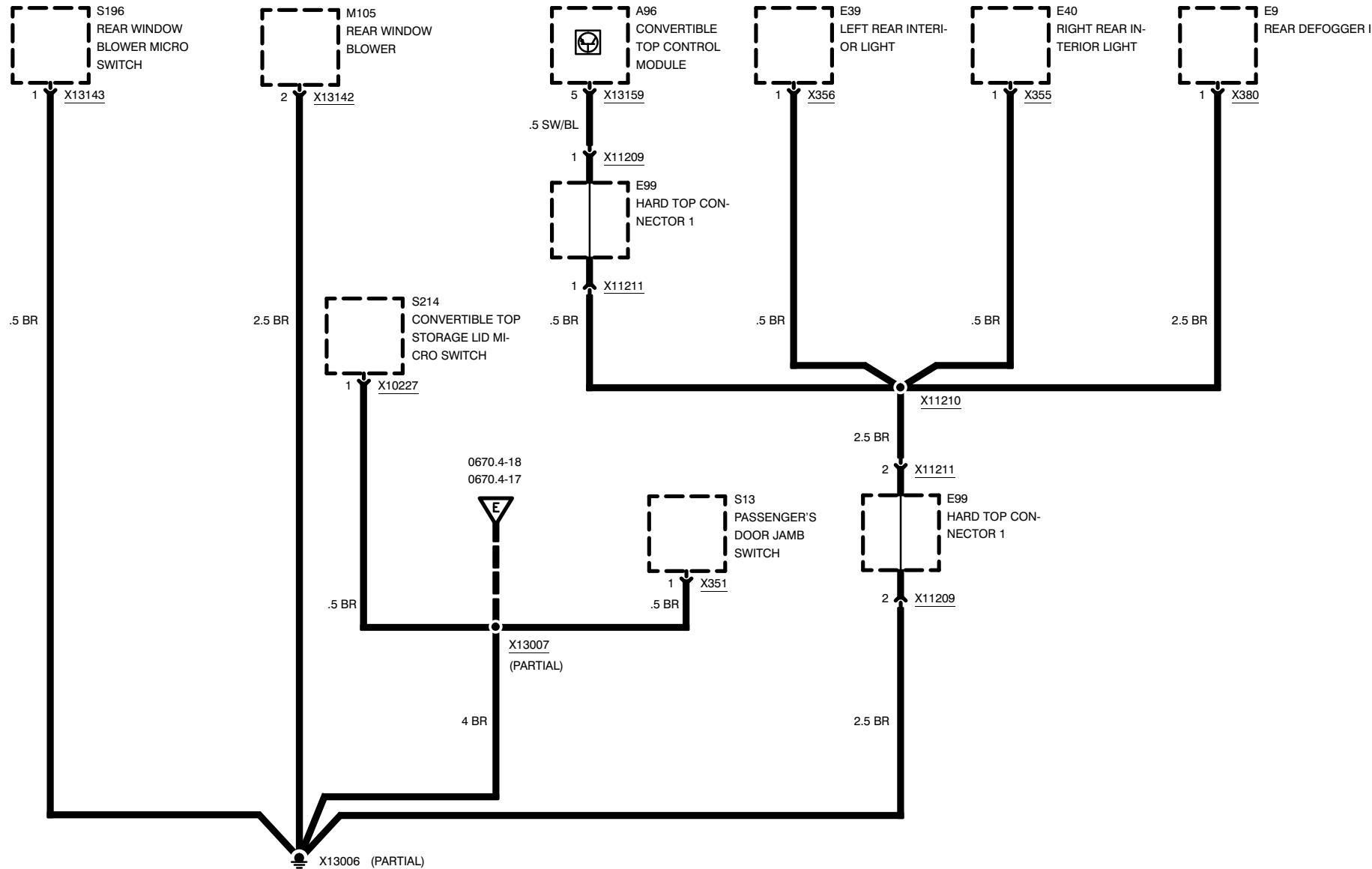
### GROUND X13006

CONVERTIBLE

03/98

0670.4-19

1997





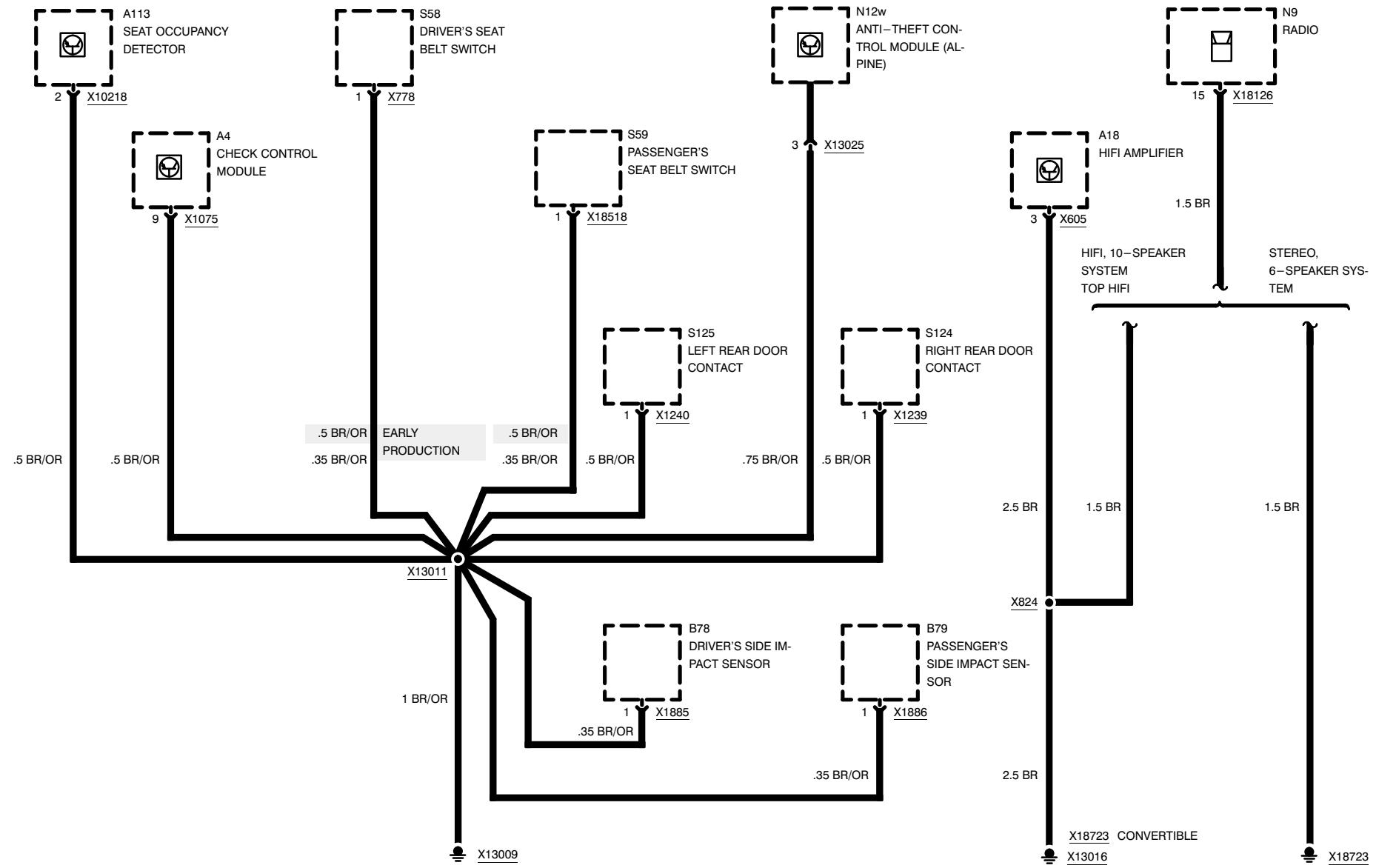
## GROUND DISTRIBUTION

GROUNDS X13009, X13016, AND X18723

03/98

0670.4-20

1997





# GROUND DISTRIBUTION

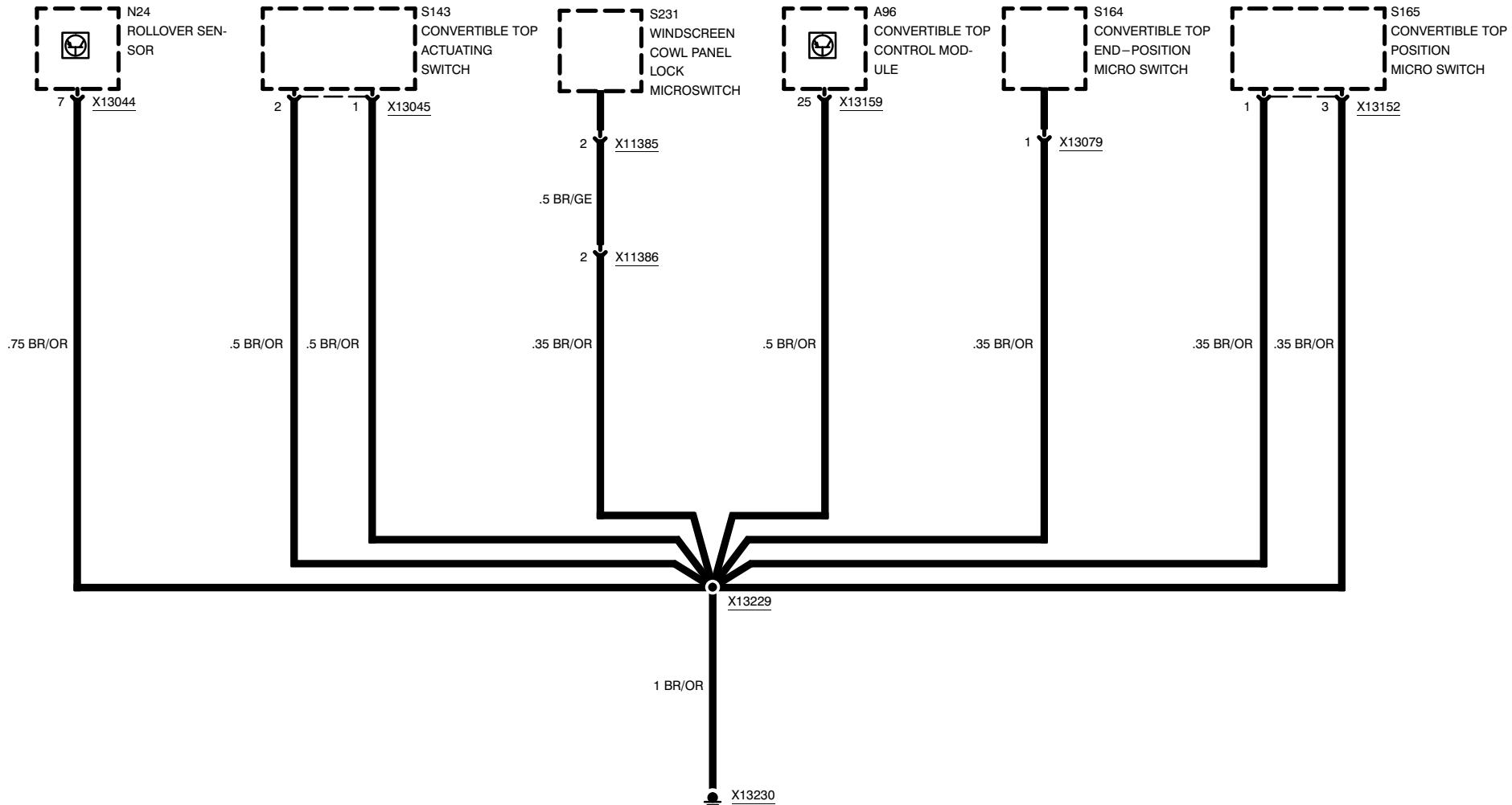
## GROUND X13230

CONVERTIBLE

03/98

0670.4-21

1997



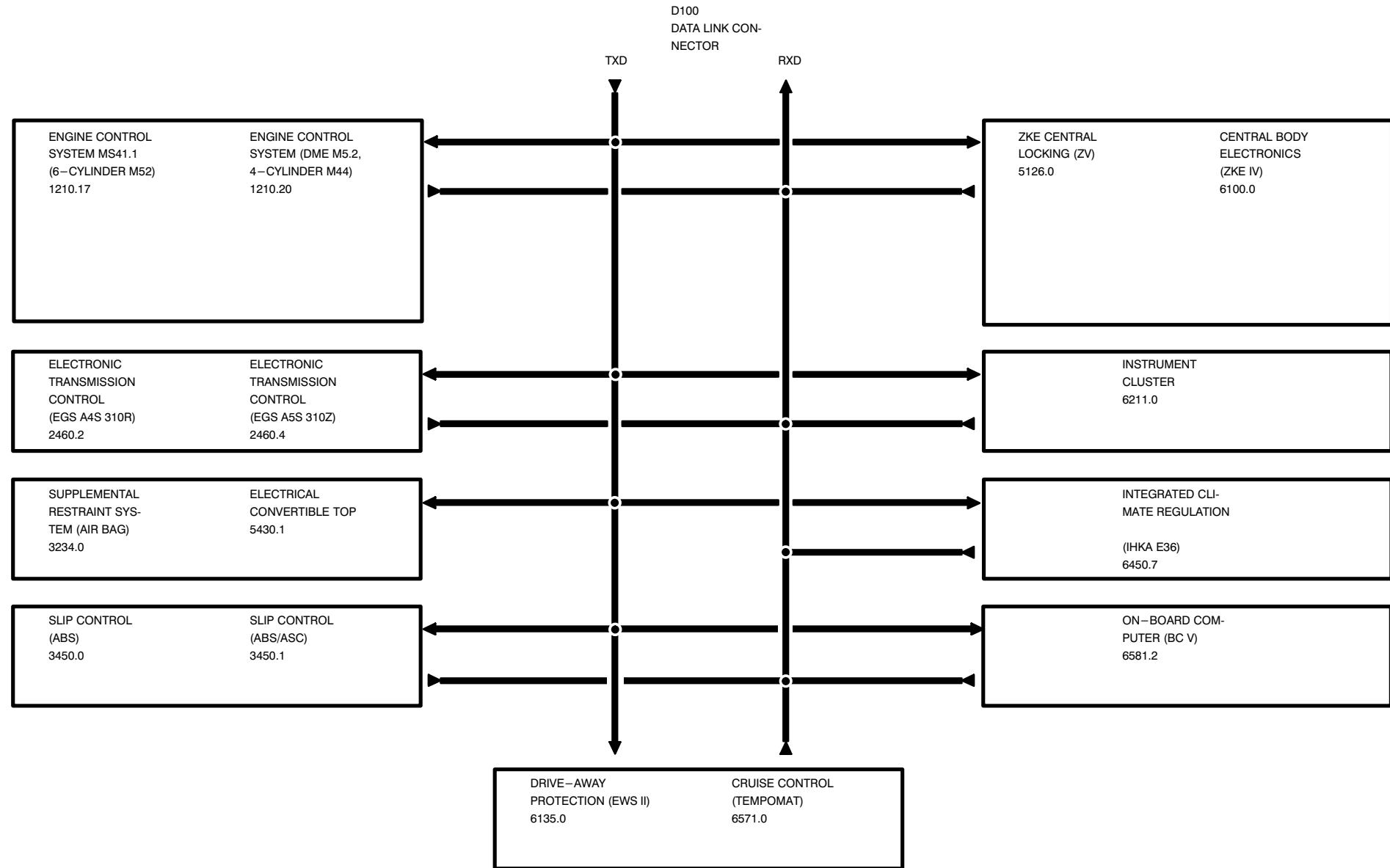


# DATA LINK BLOCK DIAGRAM

03/98

0670-5-00

1997

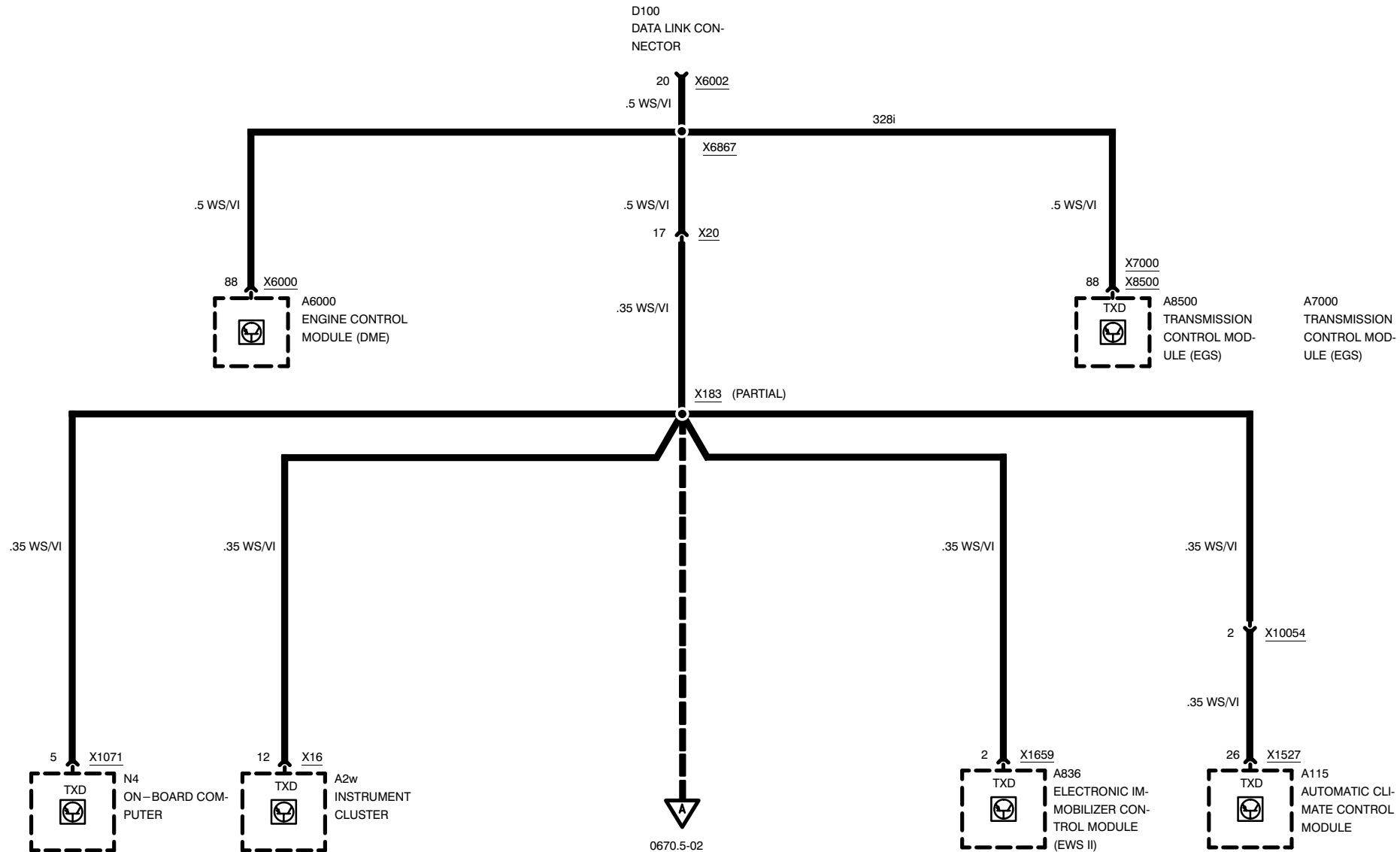




## DATA LINK

TXD, PIN 20

0670.5-01  
1997





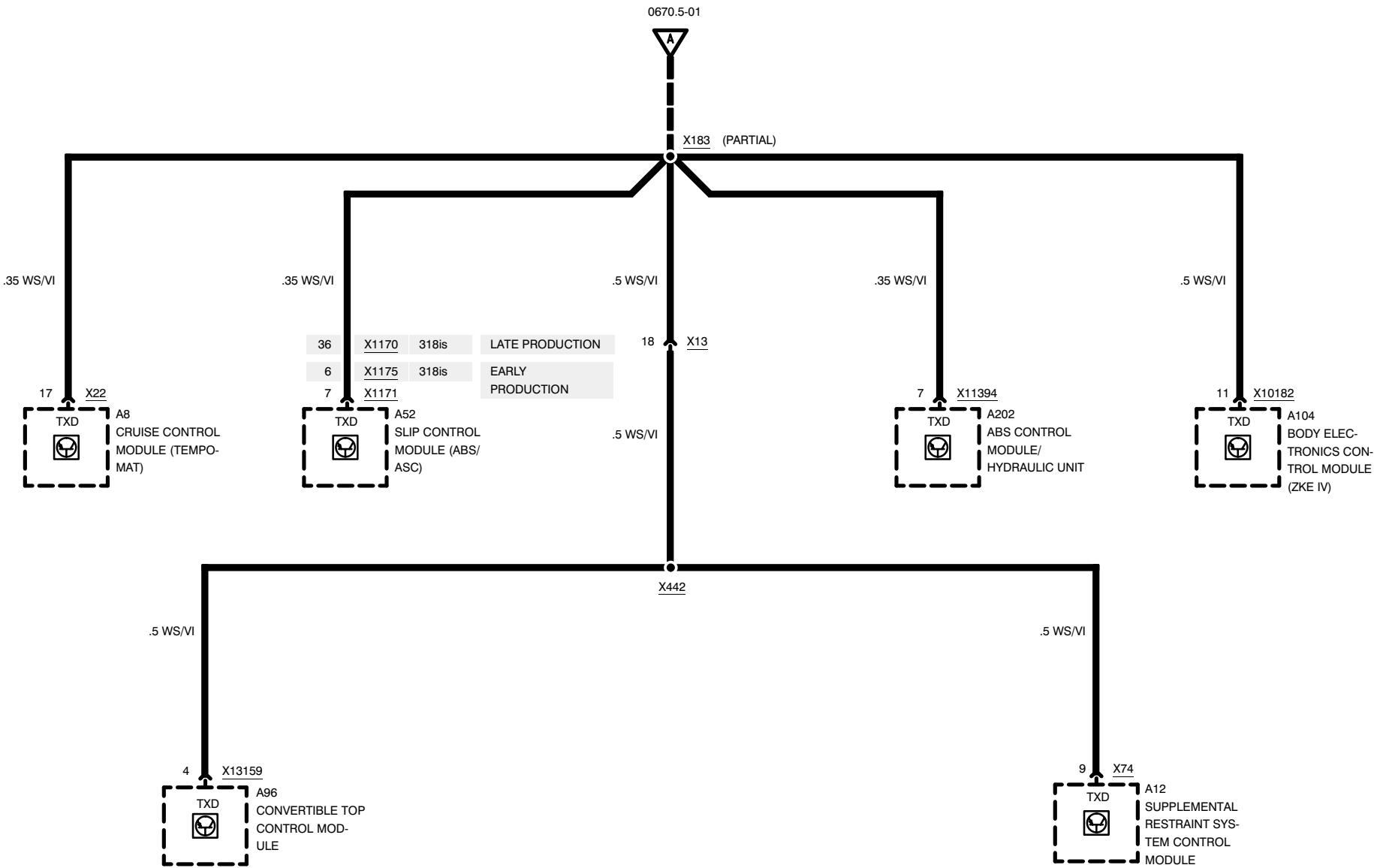
## DATA LINK

TXD, PIN 20

03/98

0670.5-02

1997





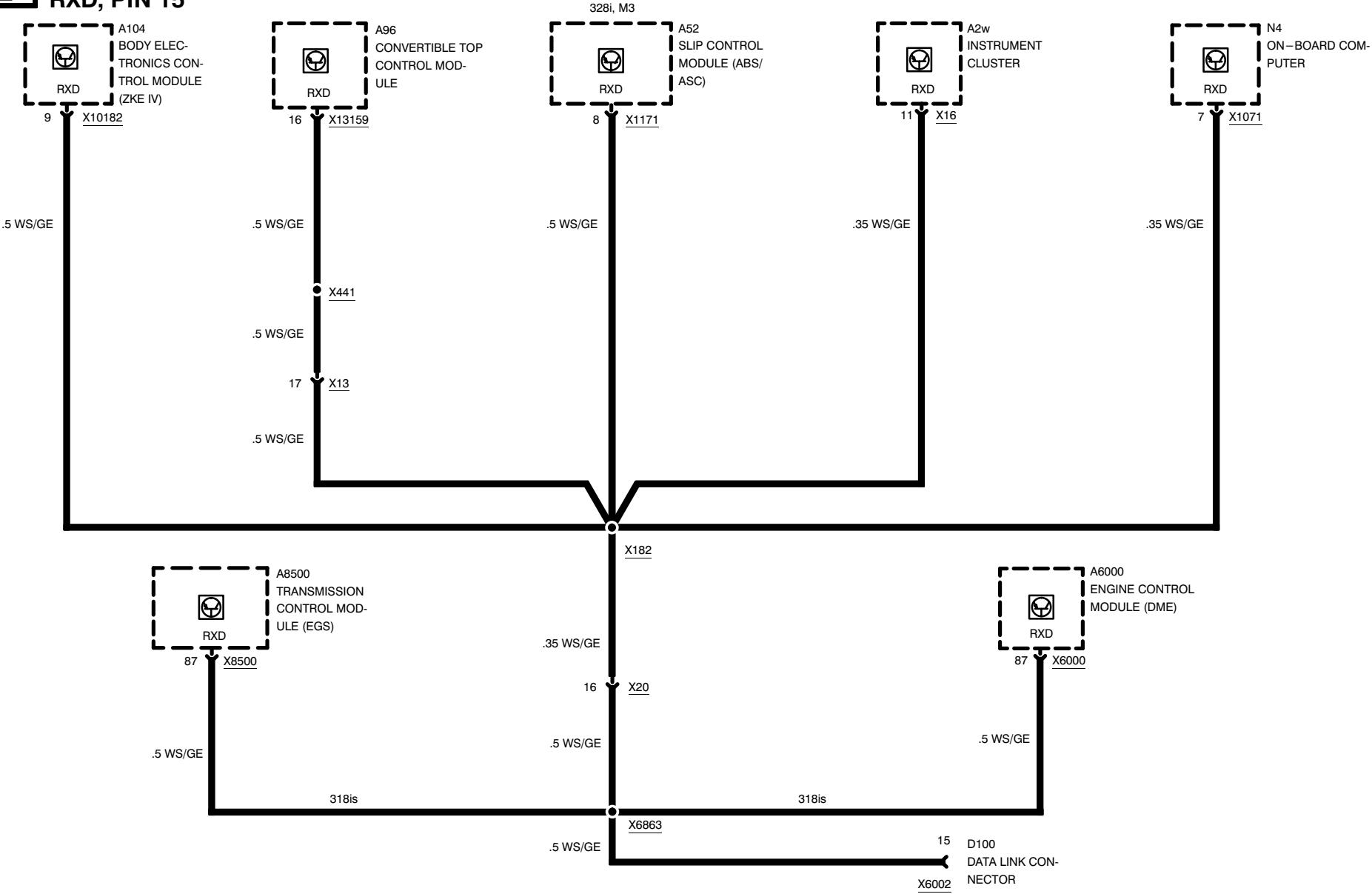
# DATA LINK

## RXD, PIN 15

86/30

0670.5-03

1997





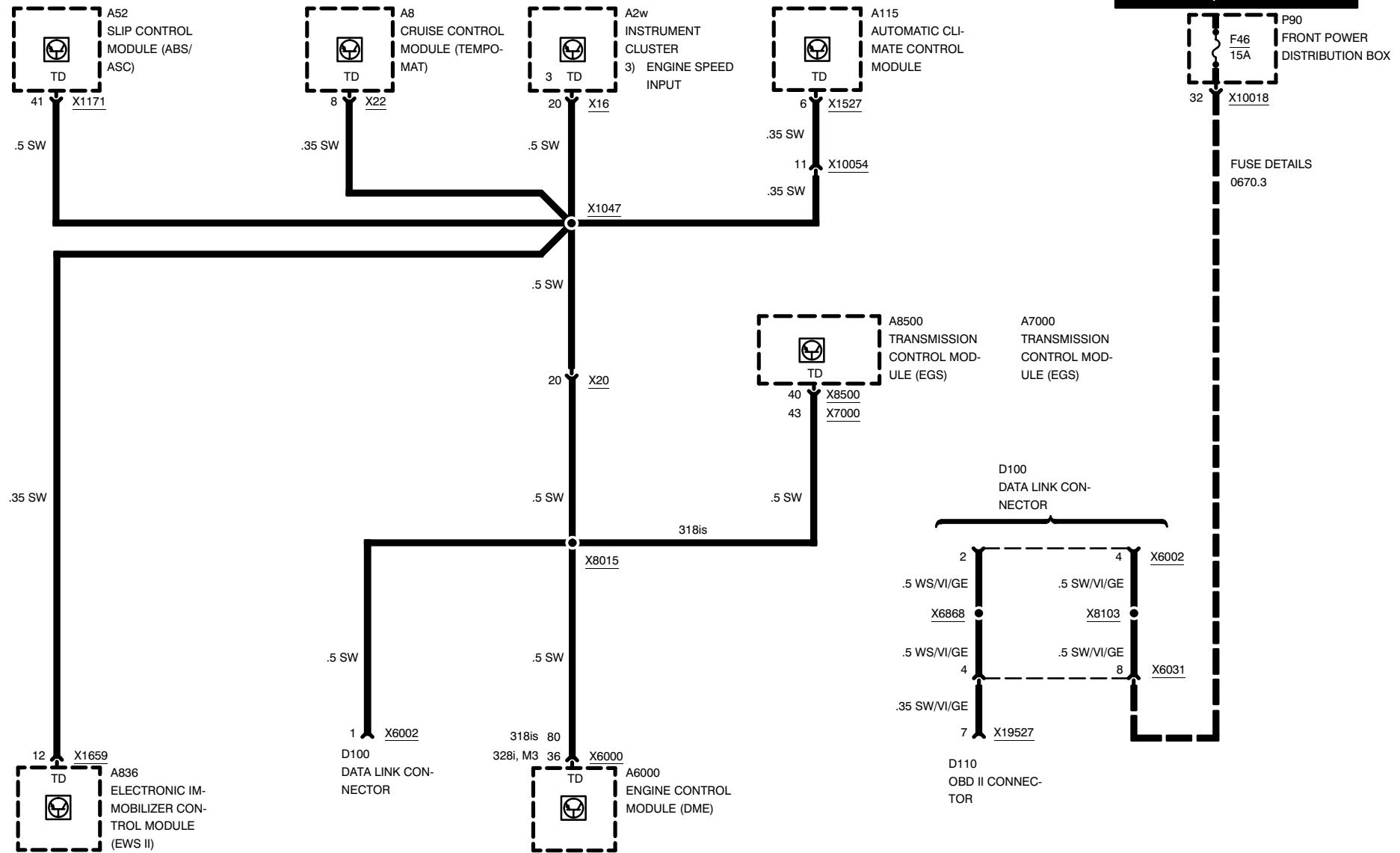
## DATA LINK

### DATA LINK CONNECTOR, PINS 1, 2, AND 4

03/03

0670-5-04

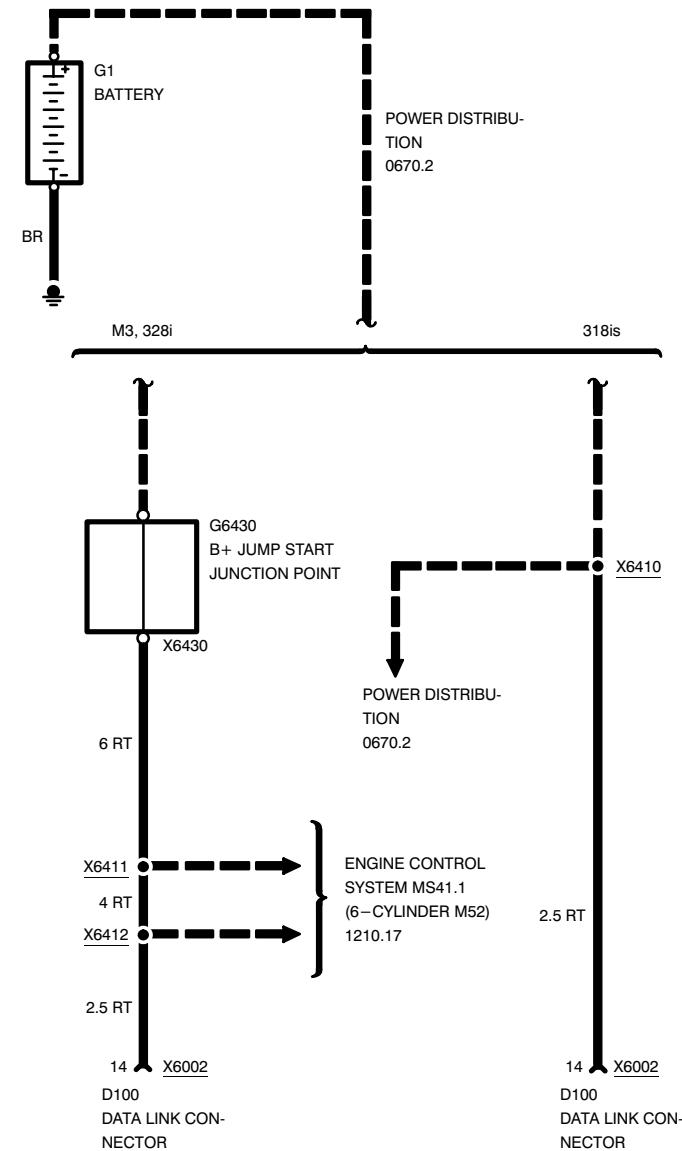
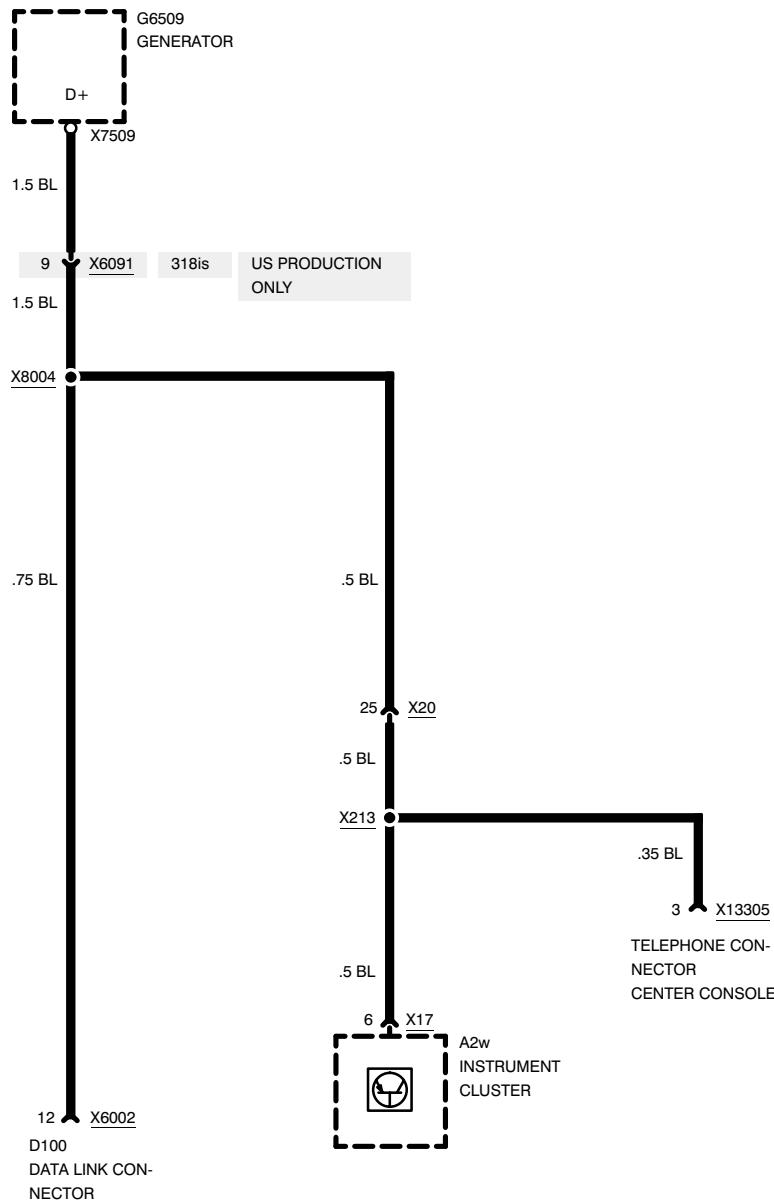
1997





## DATA LINK

### DATA LINK CONNECTOR, PINS 12 AND 14

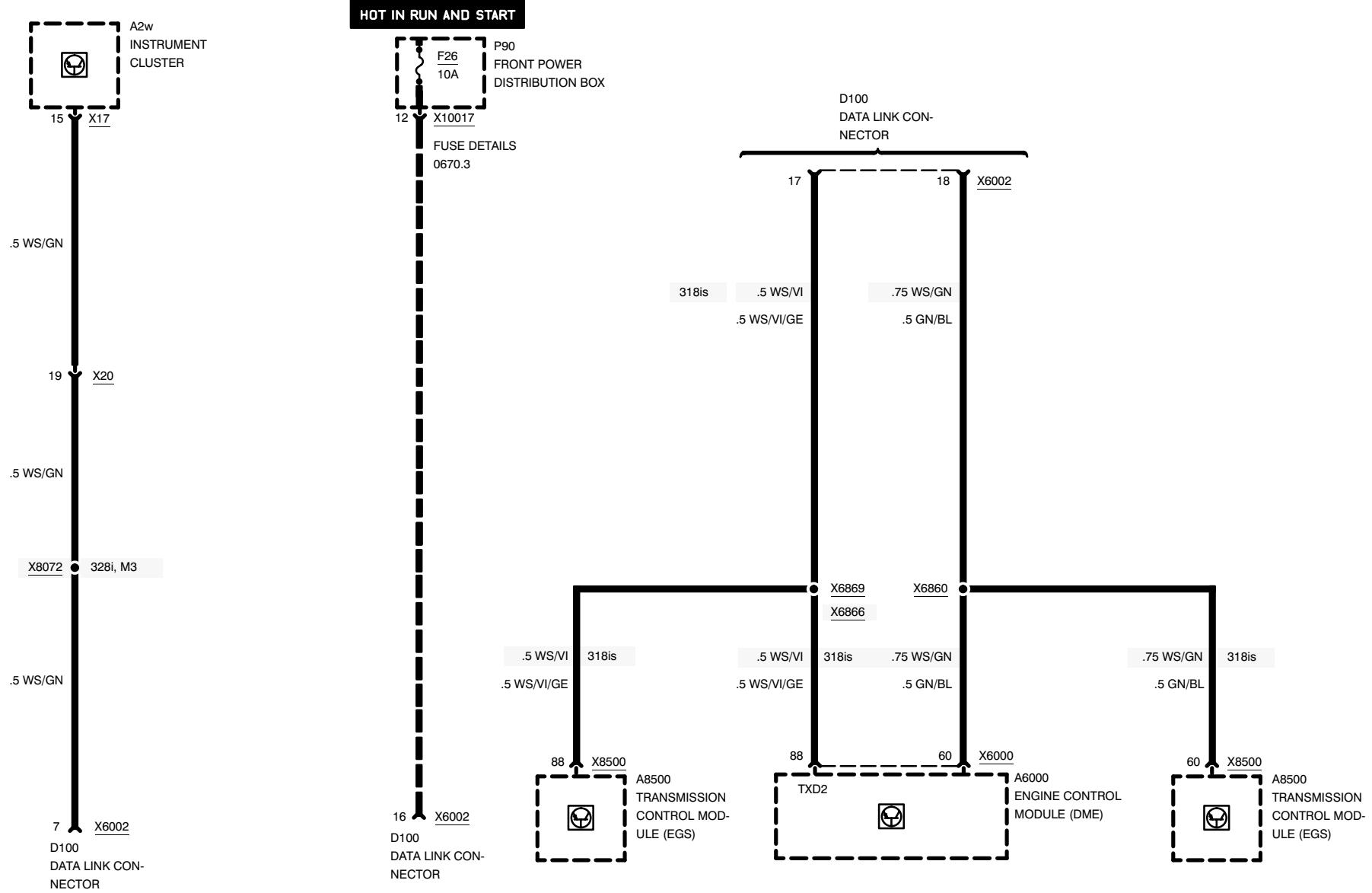


## **DATA LINK CONNECTOR, PINS 7, 16, 17, AND 18**

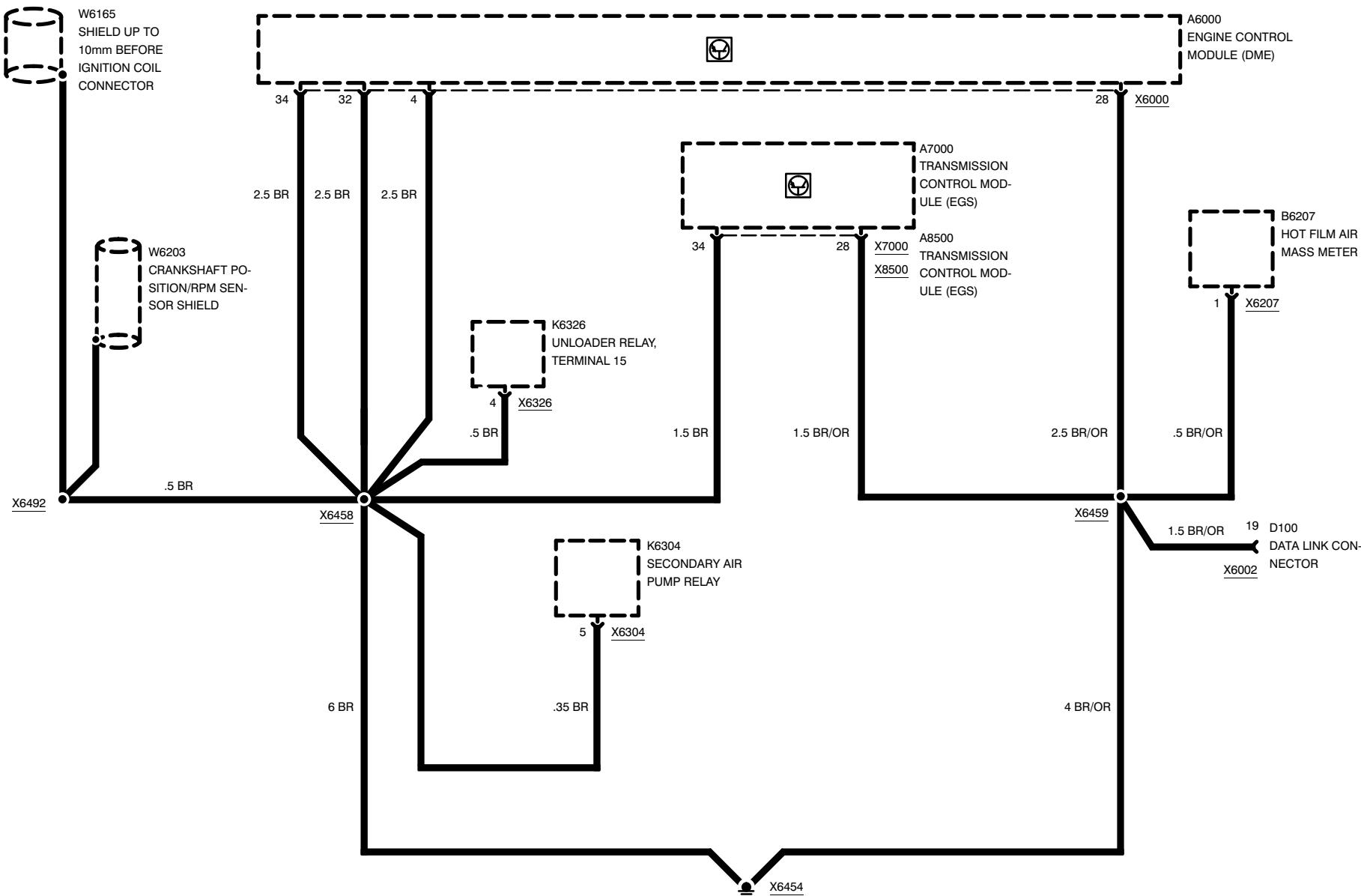
03/98

0670.5-06

1997



## DATA LINK CONNECTOR, PIN 19

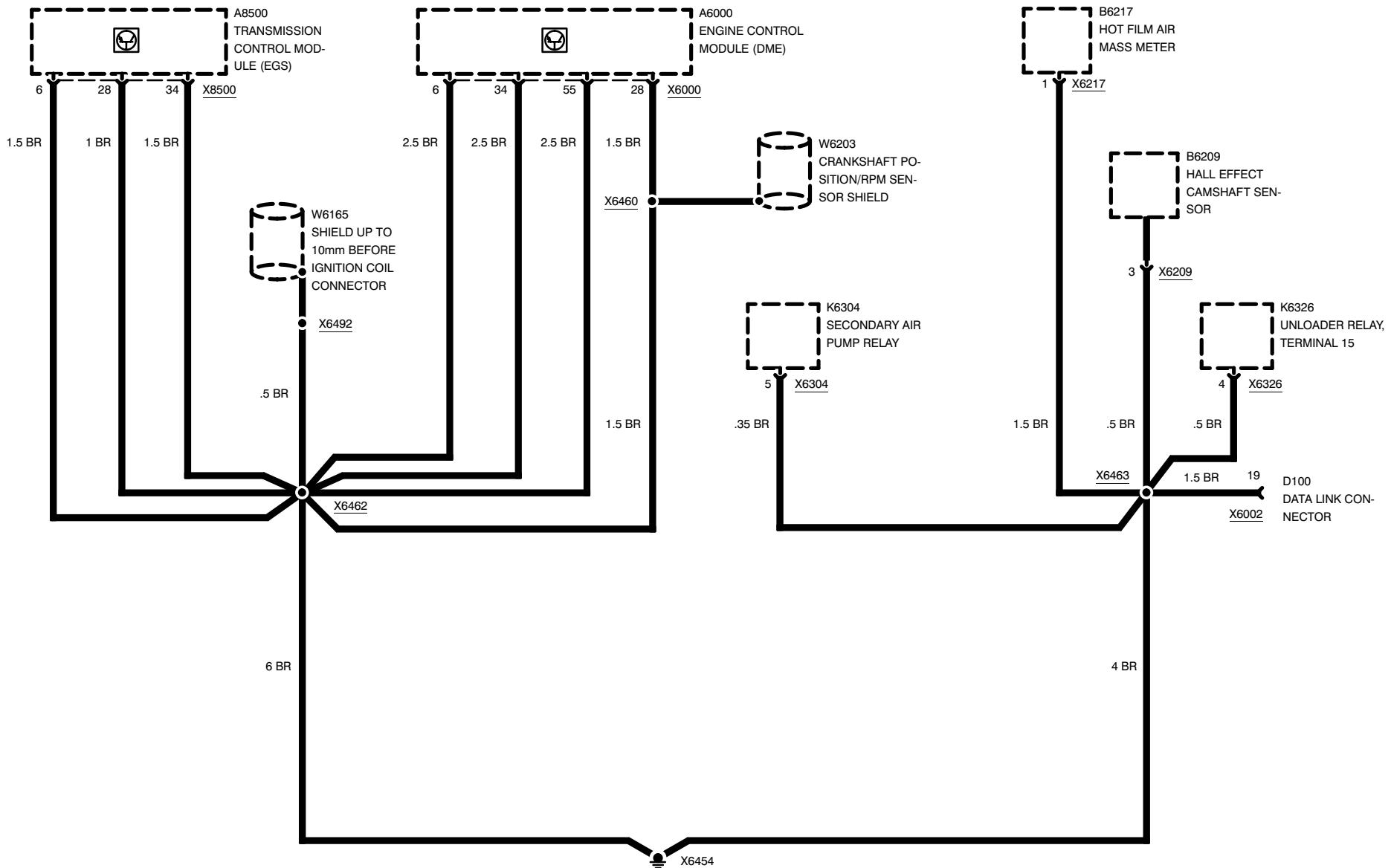




## DATA LINK

318is

### DATA LINK CONNECTOR, PIN 19

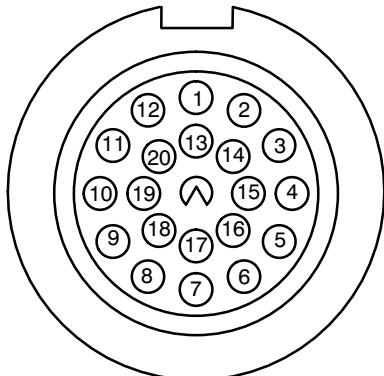
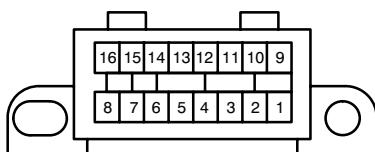
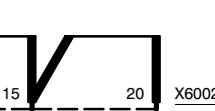
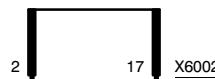


**DATA LINK****DATA LINK CONNECTOR (X6002)**

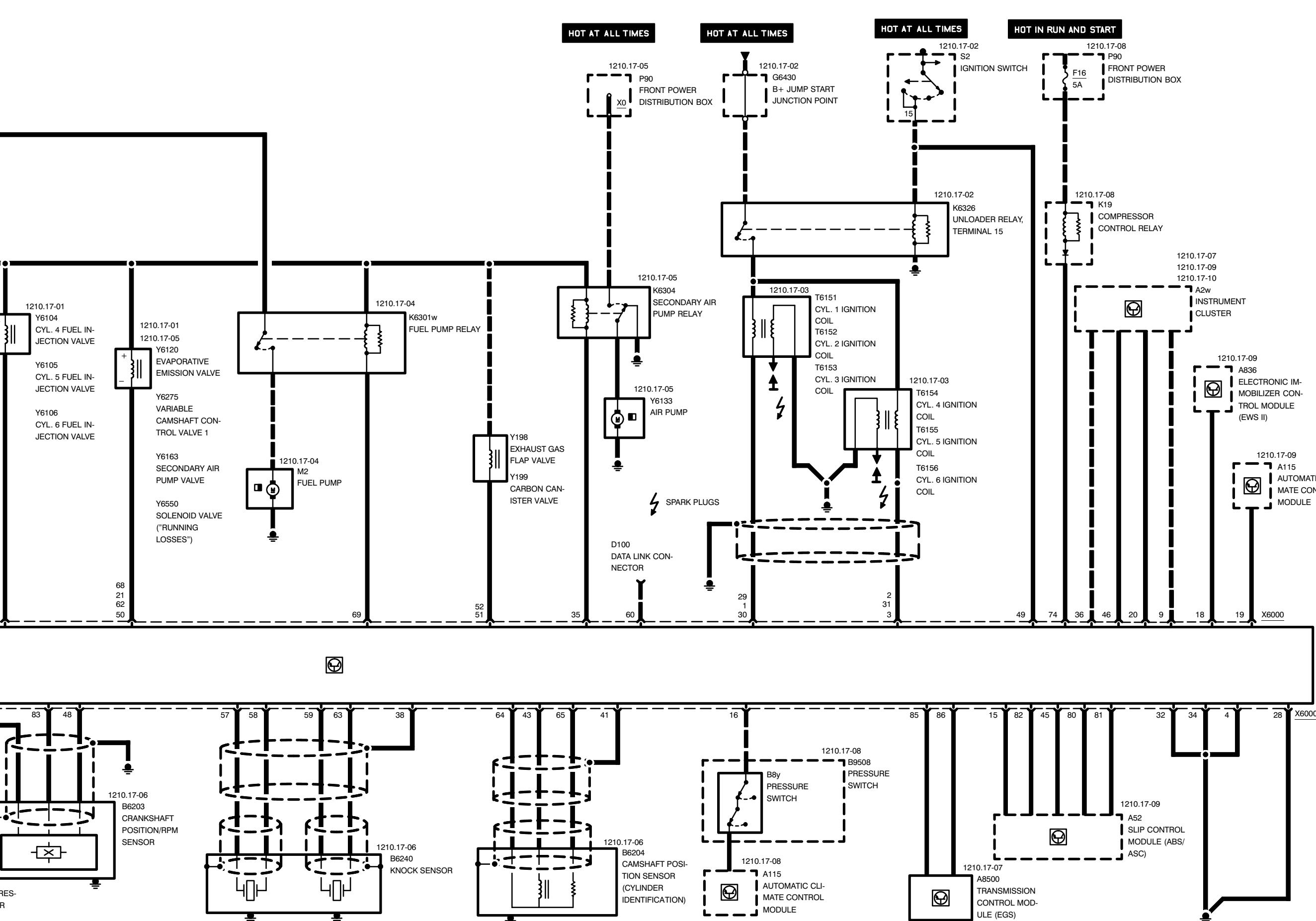
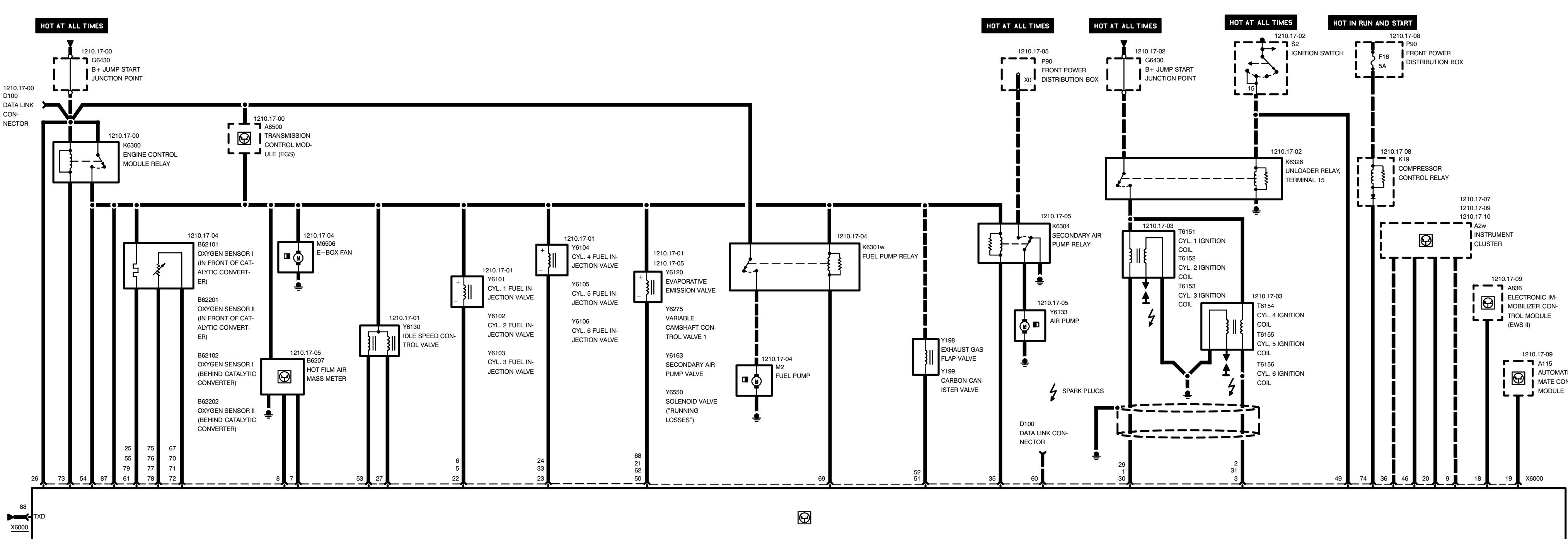
03/98

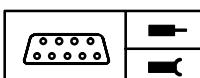
06705-09

1997

BRIDGES IN CAP  
OF D100 DATA  
LINK CONNECTORBRIDGES IN CAP  
OF D110 OBD II  
CONNECTOR

PIN NUMBER	TERMINAL NUMBER	TERMINAL DESCRIPTION	WIRE COLOR
1	TD	ENGINE	SW
2	TXD2	DIAGNOSTIC DATA LINK	WS/VI/GE
3	-	NOT OCCUPIED	
4	R	VOLTAGE: HOT IN ACCY, RUN AND START	SW/VI/GE
5	-	NOT OCCUPIED	
6	-	NOT OCCUPIED	
7	SI	SERVICE INTERVAL RESET	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	DIAGNOSTIC DATA LINK	WS/GE
16	15S	VOLTAGE: IGNITION SWITCH IN RUN AND START	GN/WS
17	TXD2	DIAGNOSTIC DATA LINK	WS/VI – WS/VI/GE
18	PGSP	PROGRAM SELECT FOR ENGINE CONTROL MODULE (DME)	WS/GN – GN/BL
19	31	GROUND	BR – BR/OR
20	TXD	DIAGNOSTIC DATA LINK	WS/VI



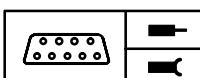


## Pin Assignments

### X6000

Pin	Type	Description/Function	Connection
1	A	Cyl. 2 ignition coil control	Cyl. 2 ignition coil
2	A	Cyl. 4 ignition coil control	Cyl. 4 ignition coil
3	A	Cyl. 6 ignition coil control	Cyl. 6 ignition coil
4	M	Ground	Ground point
5	A	Cyl. 2 fuel injection valve control	Cyl. 2 fuel injection valve
6	A	Cyl. 1 fuel injection valve control	Cyl. 1 fuel injection valve
7	M	Ground	Hot wire air mass meter
8	E	Hot wire air mass meter	Hot wire air mass meter
9	E	TI-measurement signal (fuel consumption)	Instrument cluster
10	E	Engine coolant temperature	Engine coolant temperature sensor
11	E	Fuel tank pressure	Fuel tank pressure sensor
12	E	Throttle position signal	Throttle position sensor
13		Not used	
14	E	Intake air temperature	Intake air temperature sensor
15	E	Speed signal right rear	ABS/ASC control module
16	E	Activate A/C	Pressure switch
17		Not used	
18	E	Drive away protection signal (code)	Electronic immobilizer control module (EWS II)
19	E	A/C-ON-signal	Air conditioning operating unit
20	A	"Check engine" indicator control	Instrument cluster
21	A	Camshaft control	Variable camshaft control valve
22	A	Cyl. 3 fuel injection valve control	Cyl. 3 fuel injection valve
23	A	Cyl. 6 fuel injection valve control	Cyl. 6 fuel injection valve
24	A	Cyl. 4 fuel injection valve control	Cyl. 4 fuel injection valve
25	M	Oxygen sensor heating ground	Oxygen sensor (in front of catalytic converter)
26	E	Battery voltage	B+ jump start junction point
27	A	Activate valve	Idle speed control valve
28	M	Ground	Ground point
29	A	Cyl. 1 ignition coil control	Cyl. 1 ignition coil

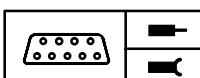
E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
30	A	Cyl. 3 ignition coil control	Cyl. 3 ignition coil
31	A	Cyl. 5 ignition coil control	Cyl. 5 ignition coil
32	M	Ground	Ground point
33	A	Cyl. 5 fuel injection valve control	Cyl. 5 fuel injection valve
34	M	Ground	Ground point
35	A	Activate relay	Secondary air pump relay
36	A	Crankshaft RPM speed signal TD	Instrument cluster
37		Not used	
38	M	Ground	Shield knock sensor
39	M	Ground	Temperature sensors
40	M	Ground	Crankshaft position/RPM sensor Fuel tank pressure sensor
41	M	Ground	Shield camshaft position sensor
42	M	Ground	Throttle position sensor
43	E	Camshaft position	Camshaft position sensor
44	A	Voltage supply	Throttle position sensor Fuel tank pressure sensor
45	A	Throttle position signal	ABS/ASC control module
46	E	TI-measurement signal (fuel consumption)	Instrument cluster
47		Not used	
48	A	Voltage supply	Crankshaft position/RPM sensor
49	E	Terminal 15	Ignition switch
50	A	"Running losses"	Solenoid valve
51	A	Activate valve	Carbon canister valve
52	A	Signal exhaust flap	Exhaust gas flap valve
53	A	Activate valve	Idle speed controle valve
54	E	Battery voltage, terminal 87	Engine control module relay
55	M	Oxygen sensor heating ground	Oxygen sensor (in front of catalytic converter)
56	M	Ground	Ground point
57	E	Cyl. 1-3 knock sensor	Knock sensor
58	E	Cyl. 1-3 knock sensor	Knock sensor
59	E	Cyl. 4-6 knock sensor	Knock sensor

E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
60	E	Programming voltage	Data link connector
61	M	Oxygen sensor heating ground	Oxygen sensor (behind catalytic converter)
62	A	Activate valve	Secondary air pump value
63	E	Cyl. 4-6 knock sensor	Knock sensor
64	M	Ground	Camshaft position sensor
65	E	Camshaft position	Camshaft position sensor
66		Not used	
67	M	Oxygen sensor signal ground	Oxygen sensor (in front of catalytic converter)
68	A	Activate valve	Evaporative emission valve
69	A	Activate relay	Fuel pump relay
70	M	Oxygen sensor signal ground	Oxygen sensor (in front of catalytic converter)
71	M	Oxygen sensor signal ground	Oxygen sensor (behind catalytic converter)
72	M	Oxygen sensor signal ground	Oxygen sensor (behind catalytic converter)
73	E	Activate relay	Engine control module relay
74	A	Activate A/C compressor	Compressor control relay
75	E	Sensor signal	Oxygen sensor (in front of catalytic converter)
76	E	Sensor signal	Oxygen sensor (in front of catalytic converter)
77	E	Sensor signal	Oxygen sensor (behind catalytic converter)
78	E	Sensor signal	Oxygen sensor (behind catalytic converter)
79	M	Oxygen sensor heating ground	Oxygen sensor (behind catalytic converter)
80	A	ASC signal ZA	Slip control module (ABS/ASC)
81	A	ASC signal ZWV	Slip control module (ABS/ASC)
82	A	ASC signal MSR	Slip control module (ABS/ASC)
83	E	Sensor signal	Crankshaft position/RPM sensor
84		Not used	
85	E/A	CAN LOW	Transmission control module (EGS)
86	E/A	CAN HIGH	Transmission control module (EGS)
87	E	Battery voltage, terminal 87	Engine control module relay
88	E/A	TxD diagnosis data link	Data link connector

E = Input, A = Output, M = Ground



## ENGINE CONTROL SYSTEM MS41.1 (6-CYLINDER M52)

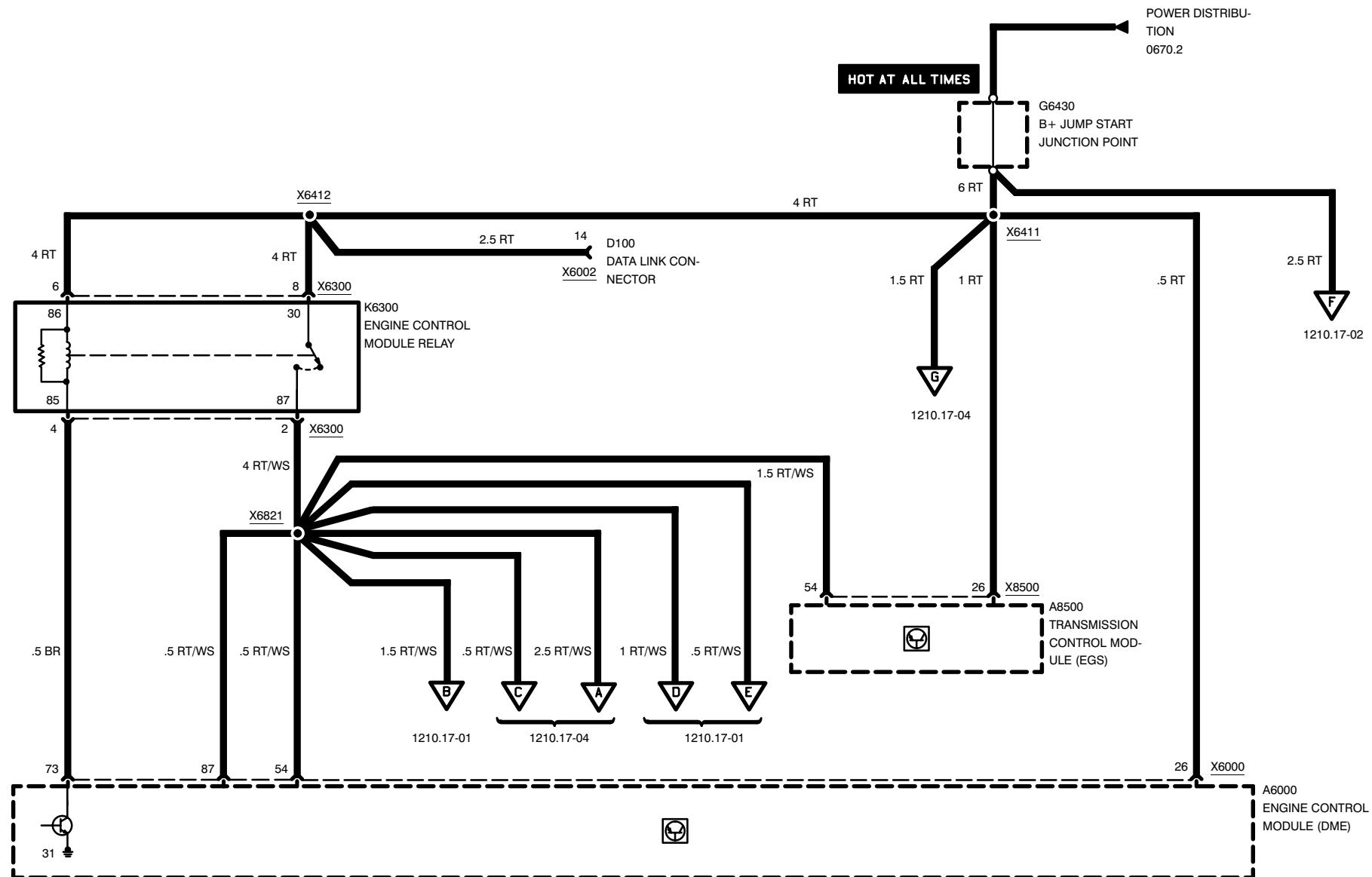
328i, M3

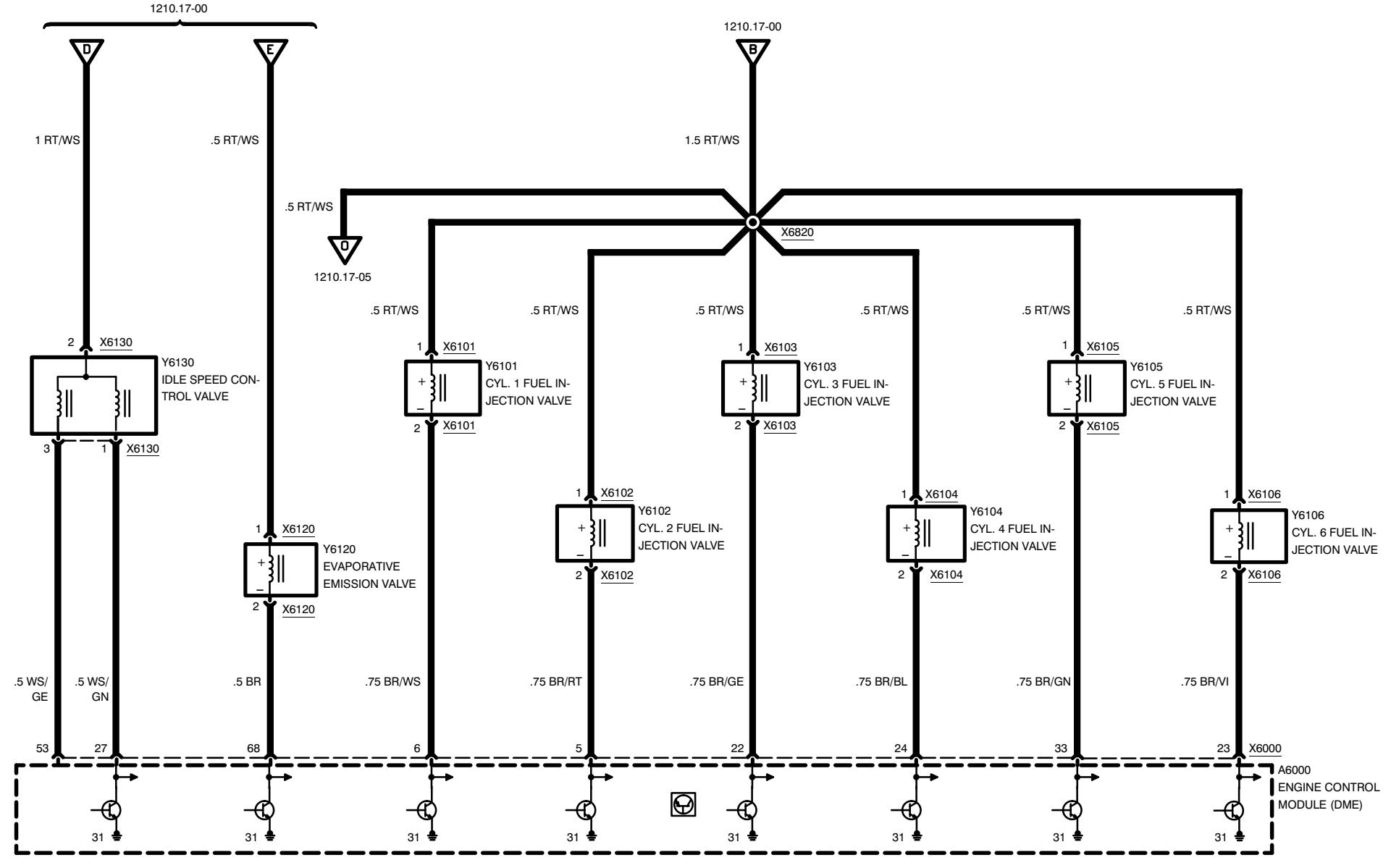
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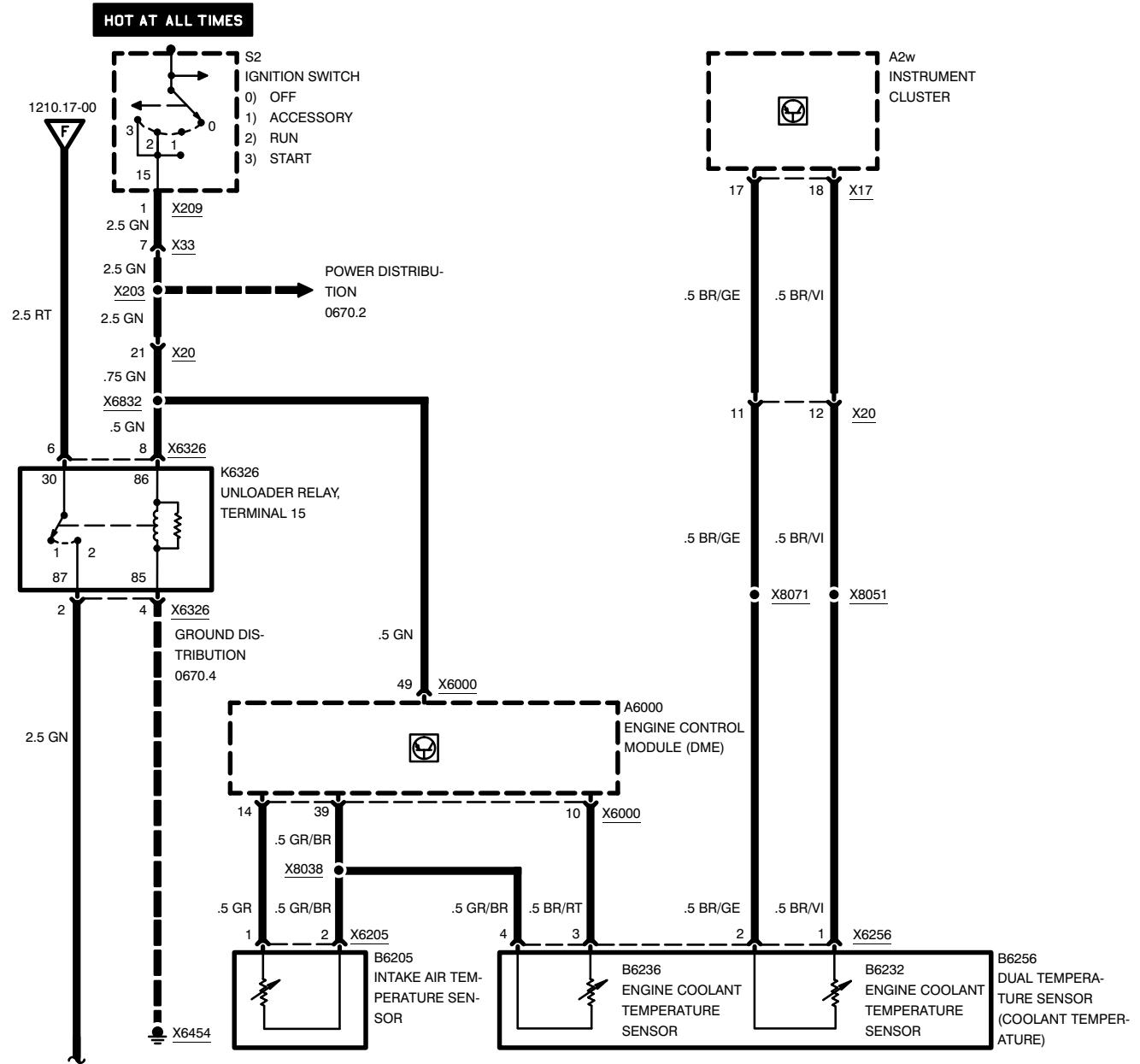
03/98

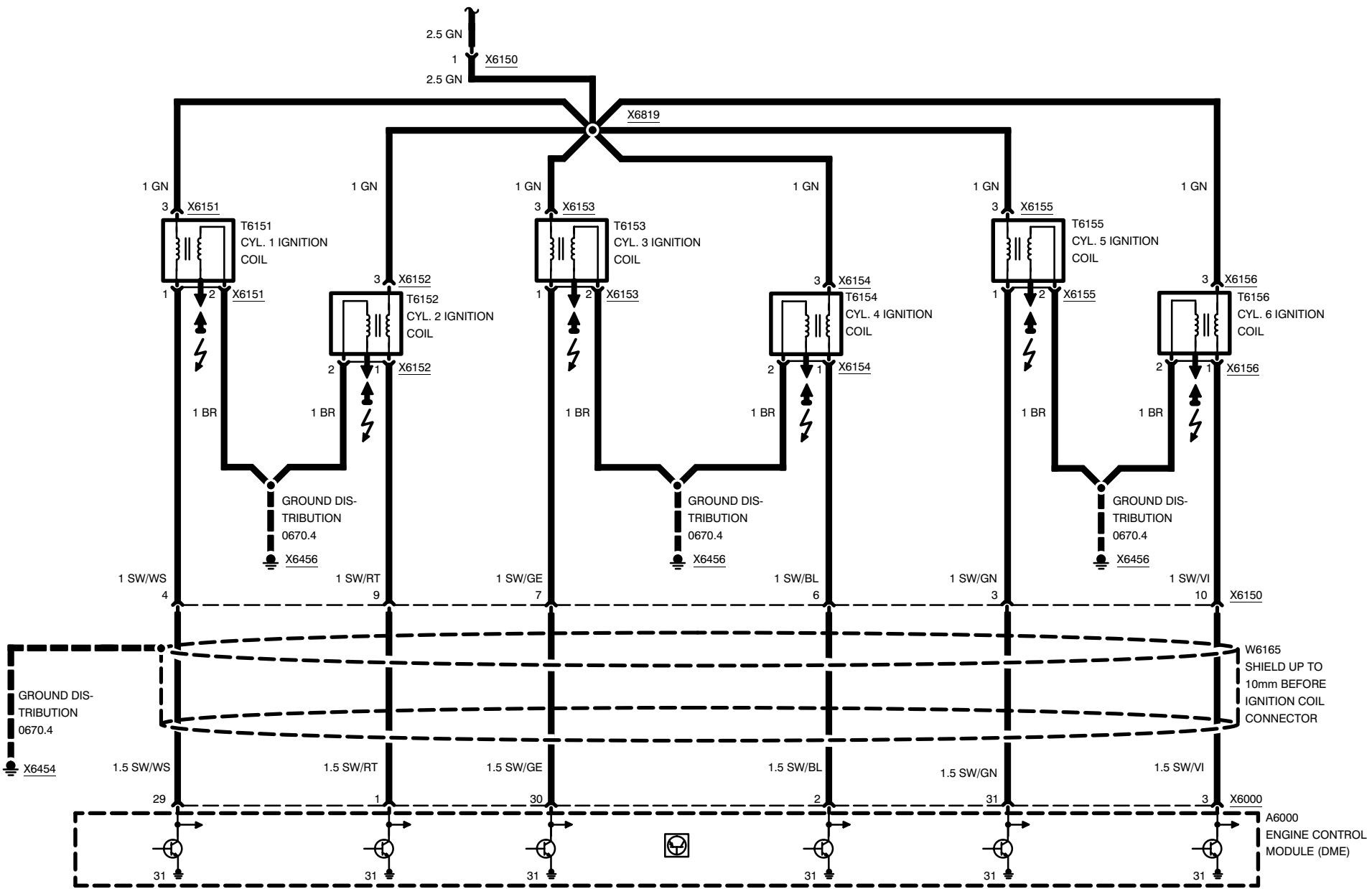
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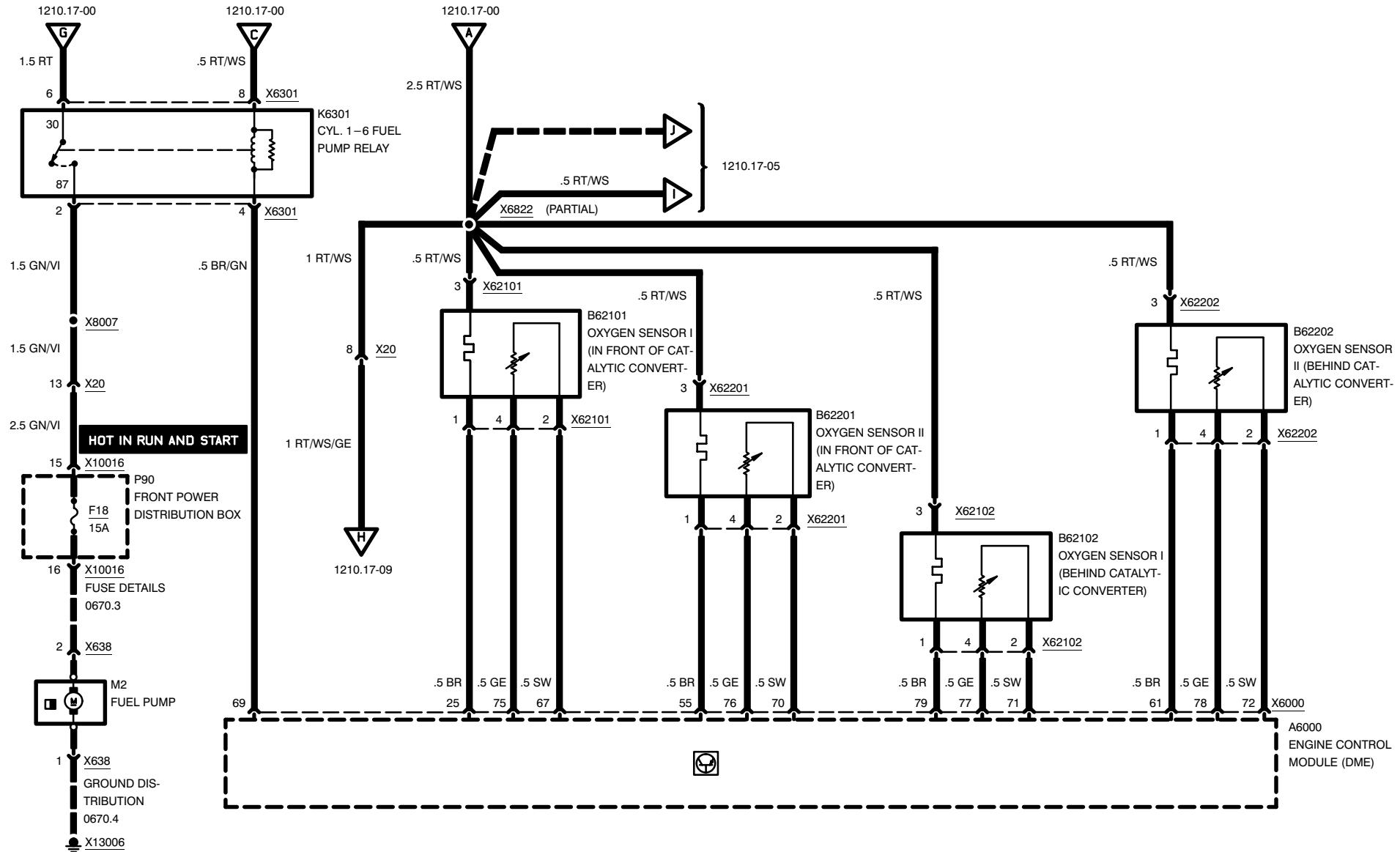
1997

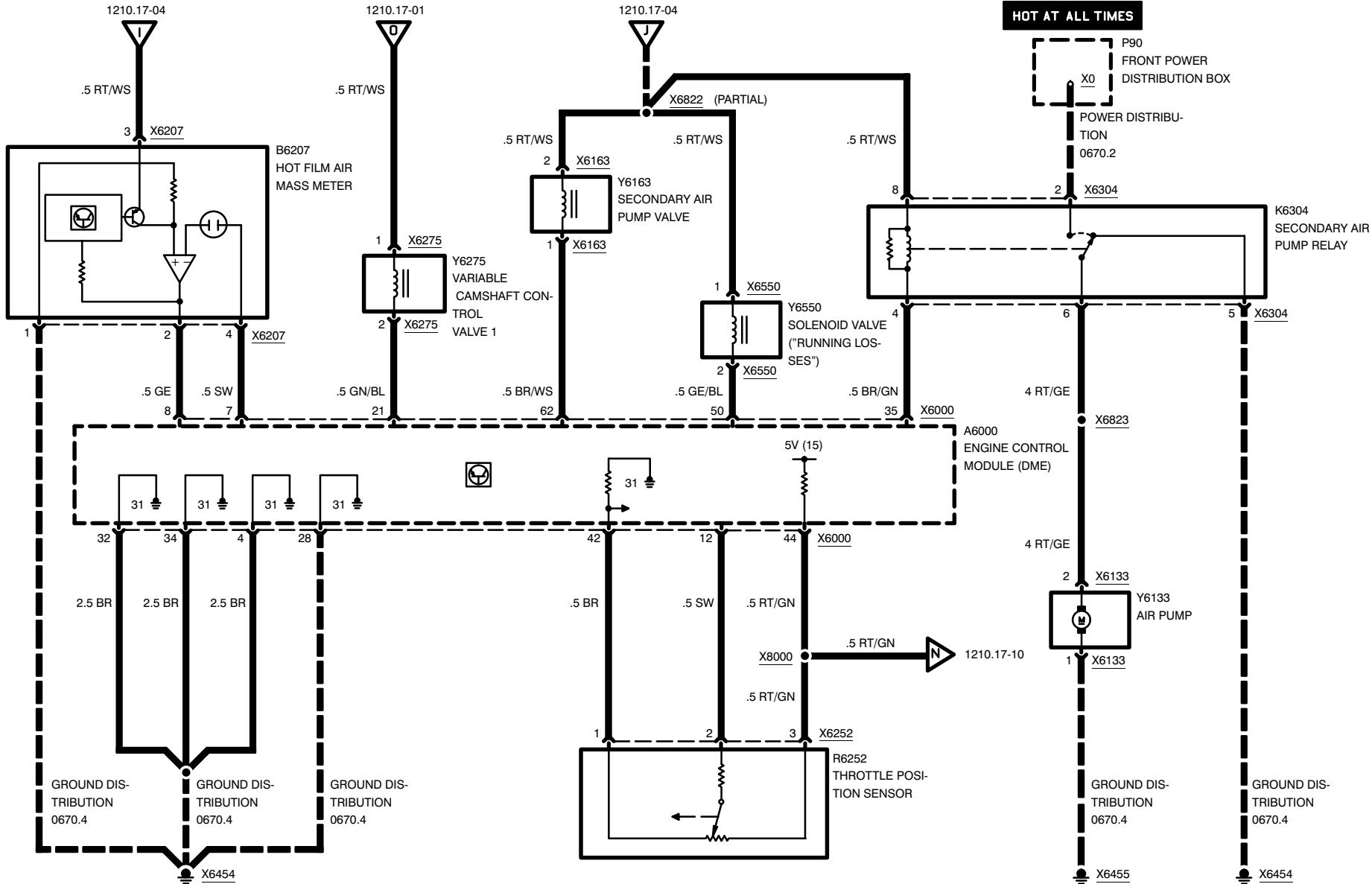


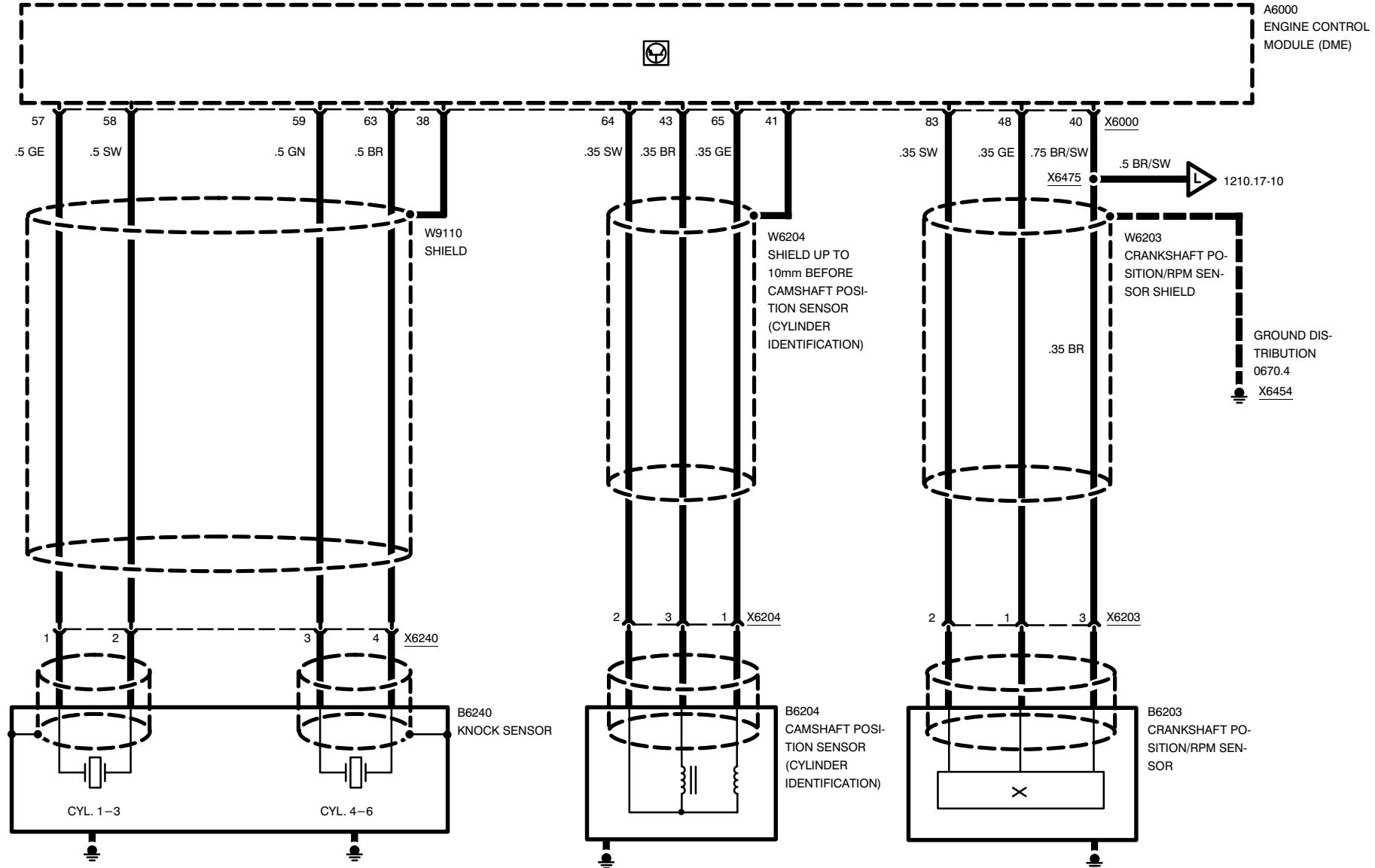


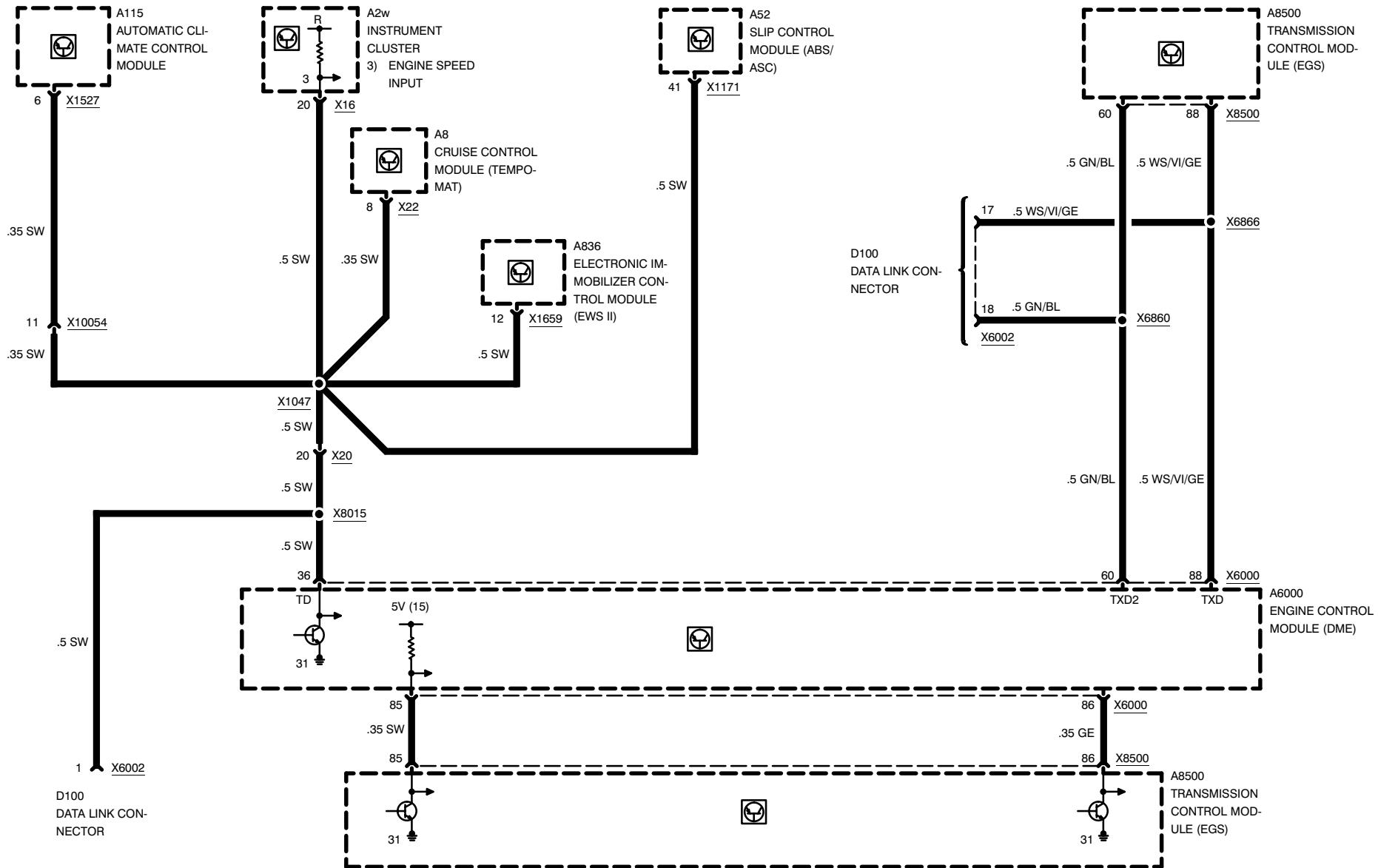














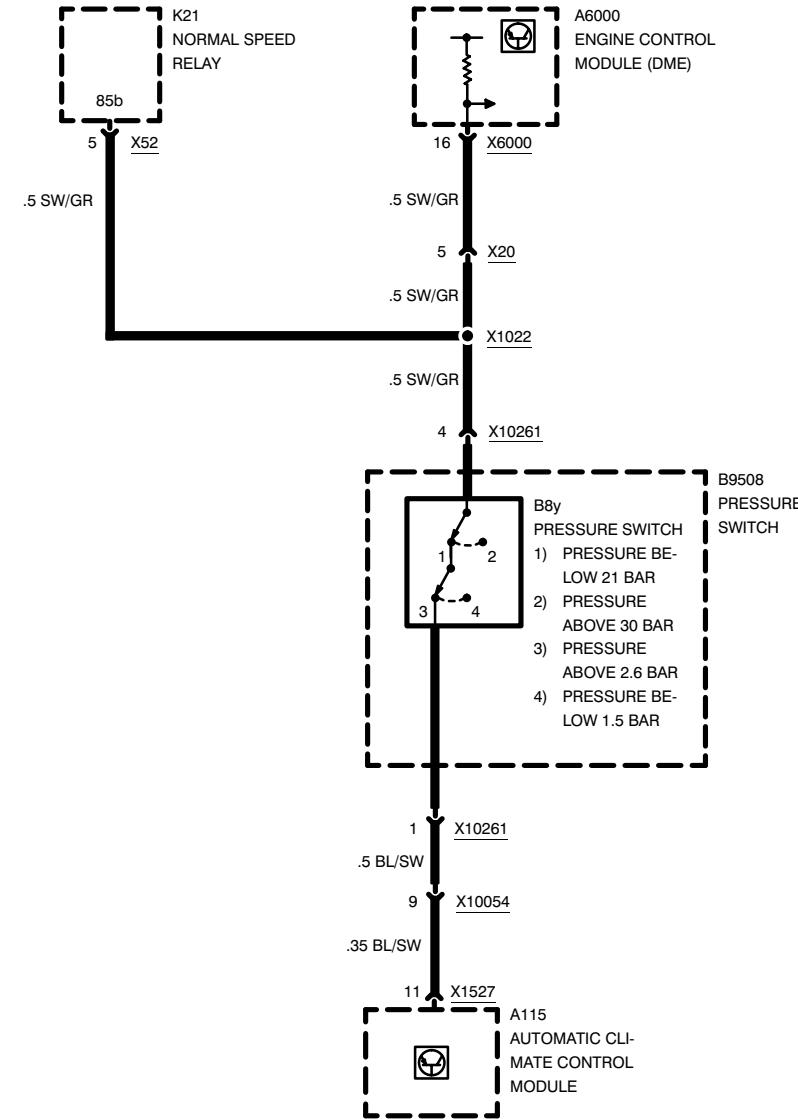
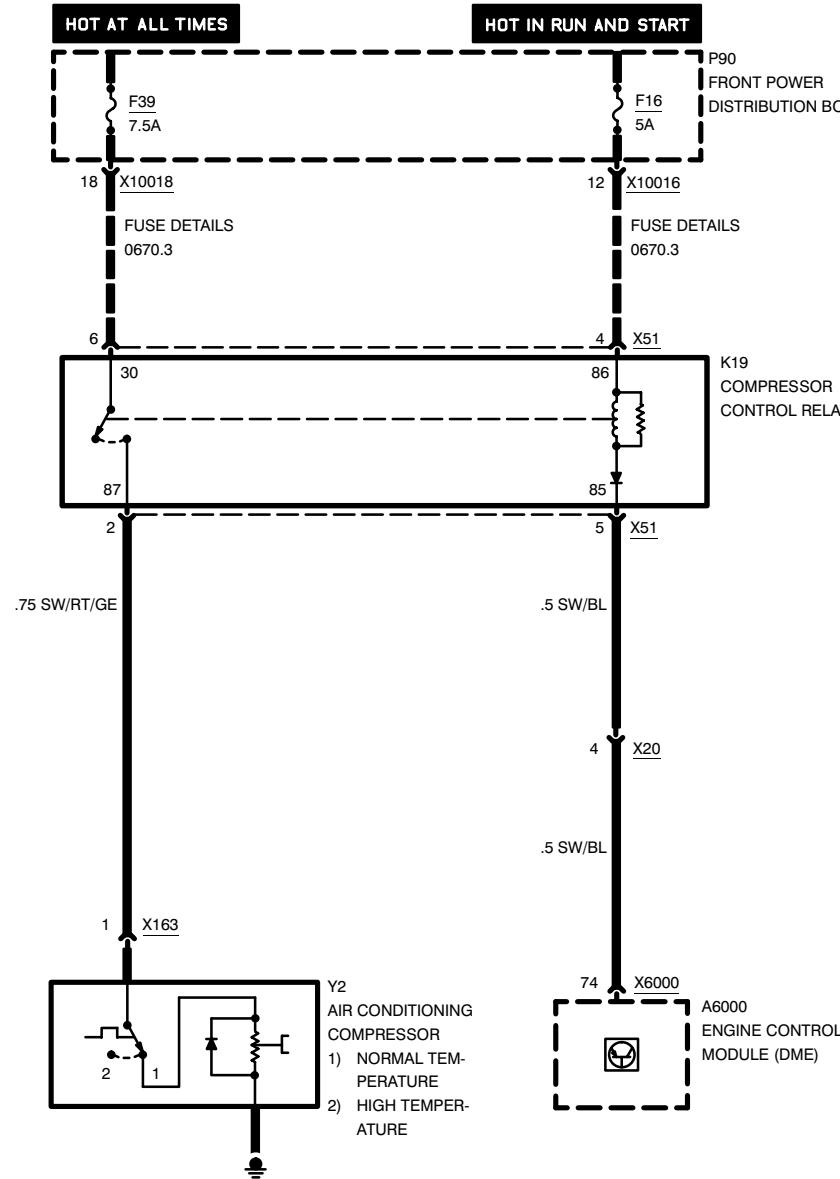
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328i, M3

03/08

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1997





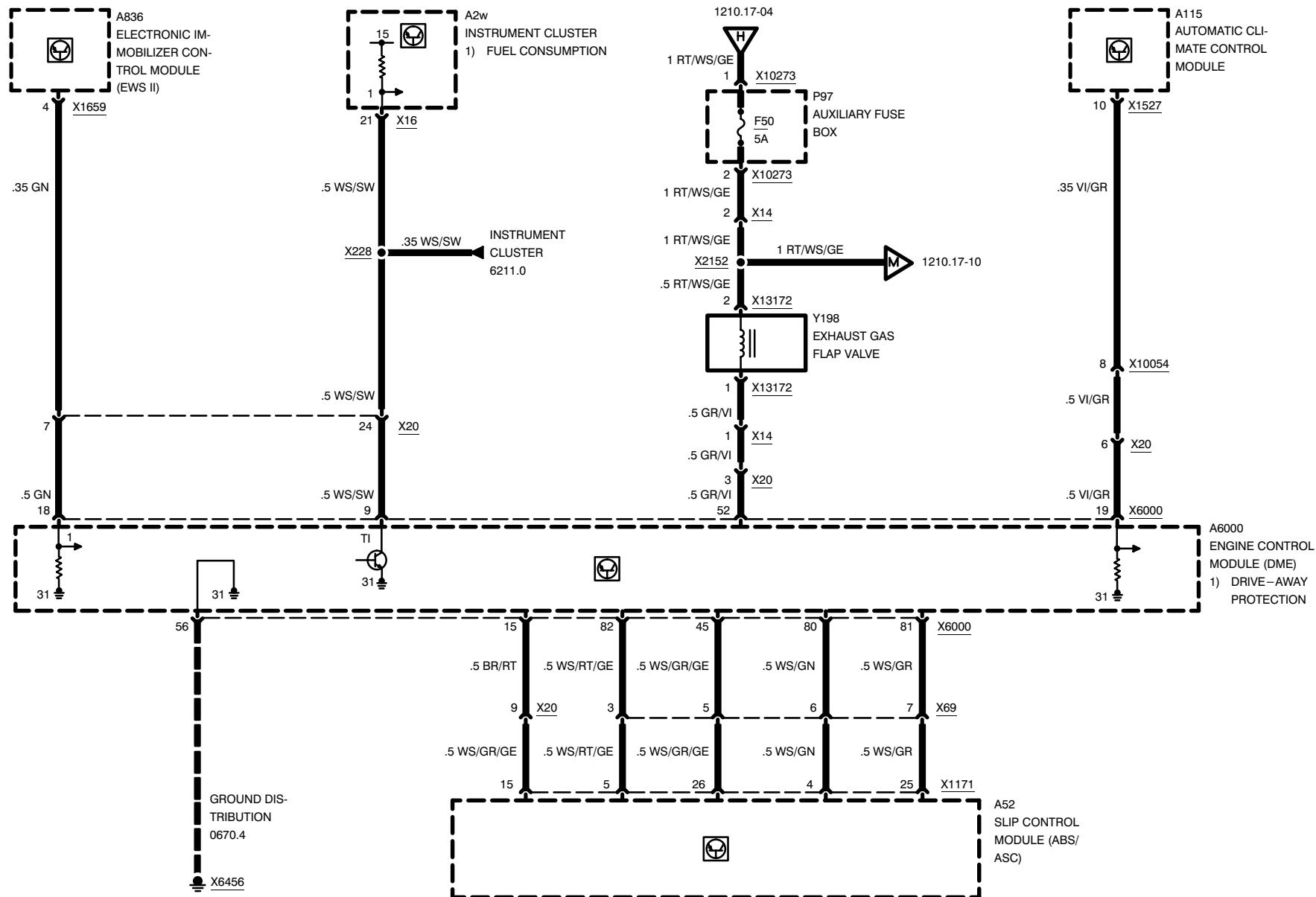
## ENGINE CONTROL SYSTEM MS41.1 (6-CYLINDER M52)

328i, M3

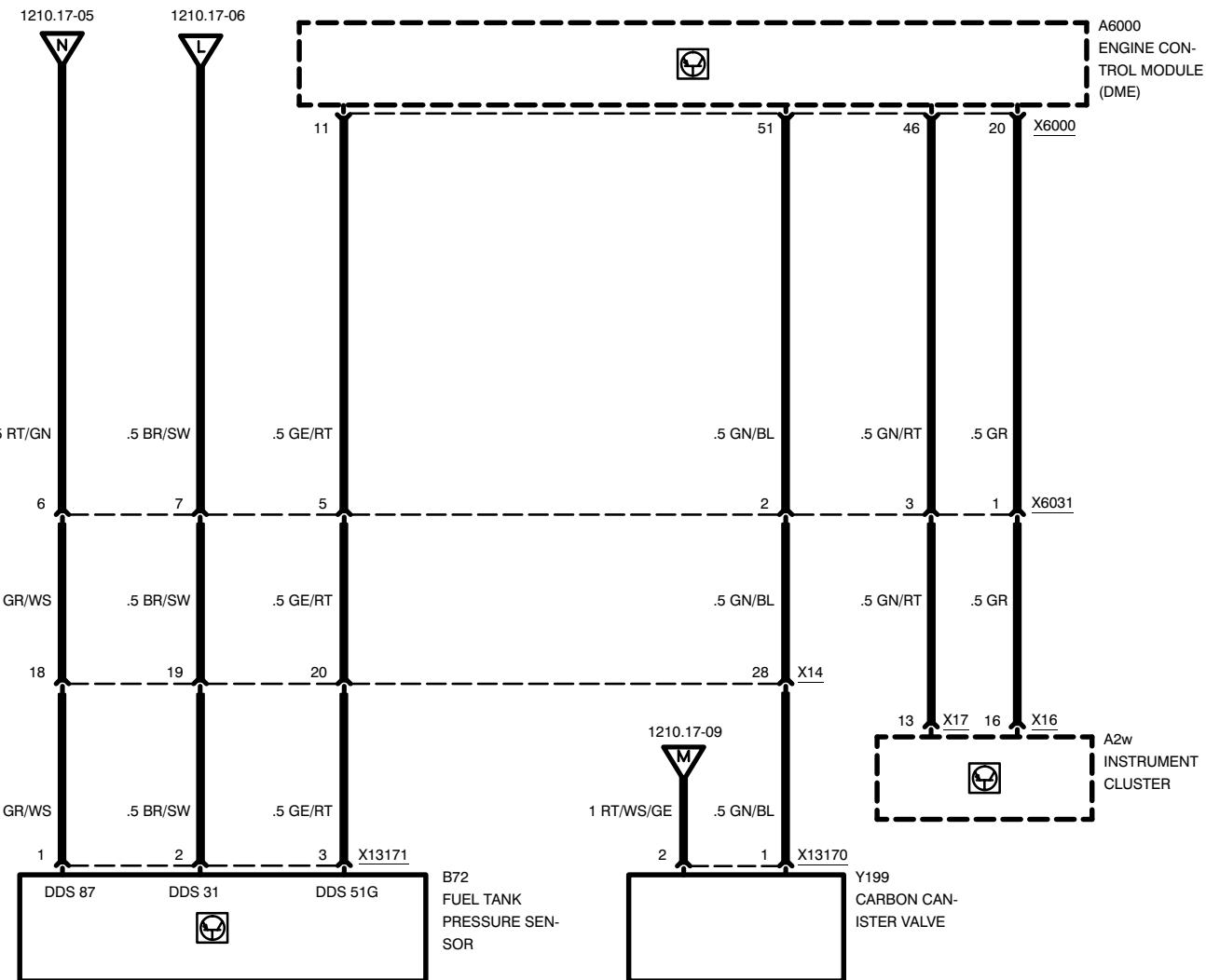
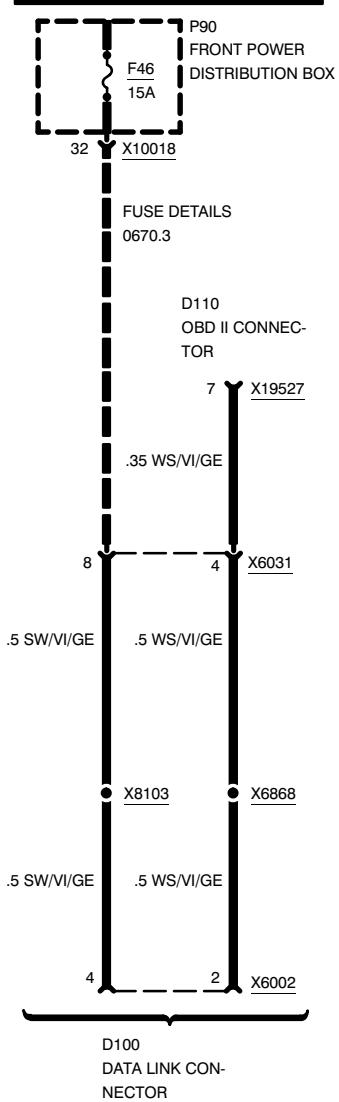
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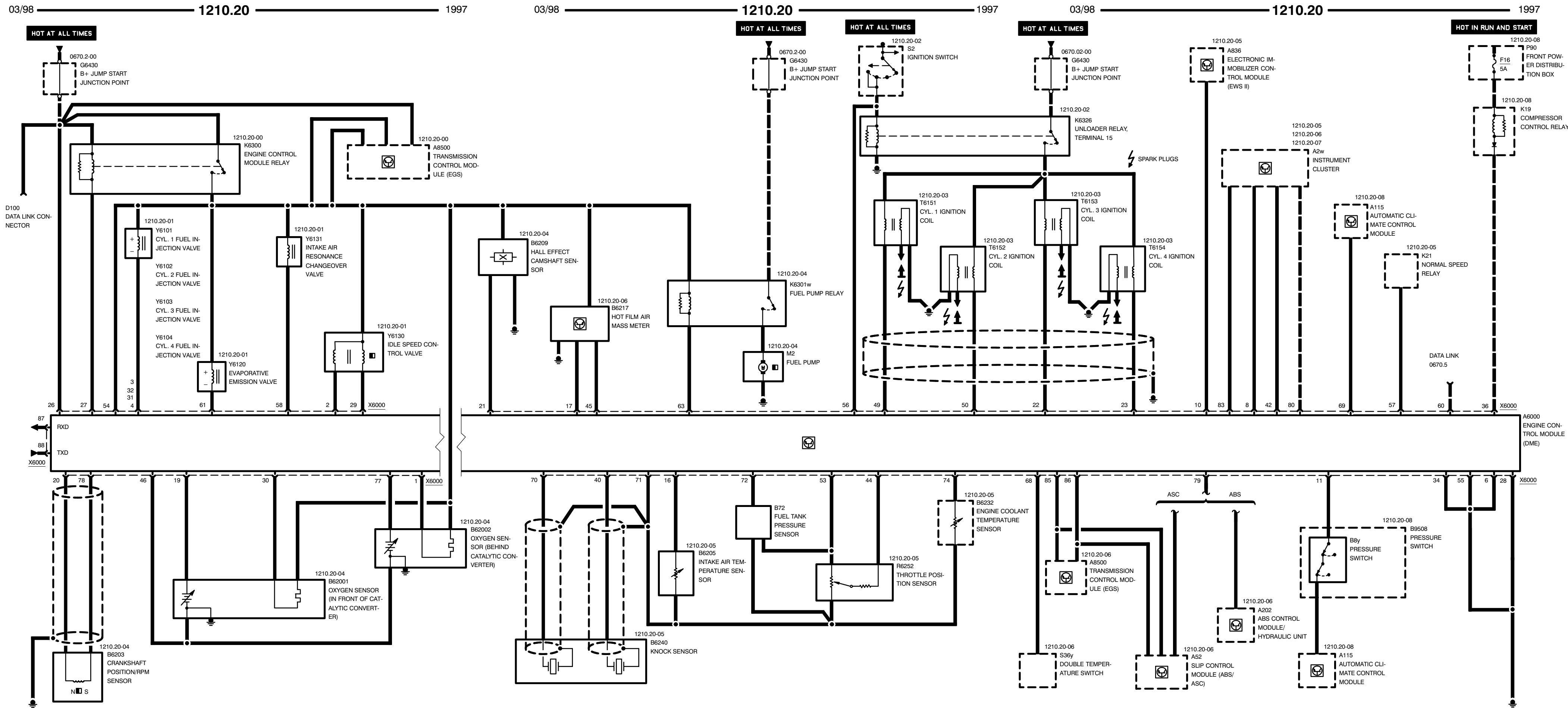
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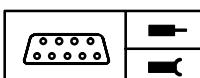
1997



HOT IN ACCY RUN AND START







## Pin Assignments

### X6000

Pin	Type	Description/Function	Connection
89	M	Oxygen sensor heating ground	Oxygen sensor (behind catalytic converter)
90	A	Activate valve	Idle speed control valve
91	A	Activate valve	Cyl. 1 fuel injection valve
92	A	Activate valve	Cyl. 4 fuel injection valve
93		Not used	
94	M	Ground, fuel injection valve output stages	Ground point
95		Not used	
96	A	"Check engine" indicator control	Instrument cluster
97		Not used	
98	E	Drive away protection signal	Electronic immobilizer control module (EWS II)
99	E	Activate A/C	Pressure switch
100		Not used	
101		Not used	
102		Not used	
103		Not used	
104	E	Intake air temperature	Intake air temperature sensor
105	M	Ground	Hot film air mass meter
106		Not used	
107	E	Oxygen sensor signal	Oxygen sensor (in front of catalytic converter)
108	E	Crankshaft position/RPM	Crankshaft position/RPM sensor
109	E	Camshaft position	Hall effect camshaft sensor
110	A	Cyl. 3 ignition coil control	Cyl. 3 ignition coil
111	A	Cyl. 4 ignition coil control	Cyl. 4 ignition coil
112		Not used	
113		Not used	
114	E	Battery voltage	B+ jump start junction point
115	A	Engine control module relay control	Engine control module relay, terminal 85
116	M	Ground for electronics and shielding of sensors	Ground point

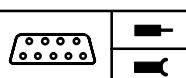
E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
117	A	Idle speed control valve control	Idle speed control valve
118	M	Oxygen sensor heating ground	Oxygen sensor (in front of catalytic converter)
119	A	Activate valve	Cyl. 3 fuel injection valve
120	A	Activate valve	Cyl. 2 fuel injection valve
121		Not used	
122	M	Ground, remaining output stages (except for ignition and fuel injection valves)	Ground point
123		Not used	
124	A	A/C compressor cut-out	Compressor control relay
125		Not used	
126		Not used	
127		Not used	
128	E	Cyl. 3-4 knock sensor	Knock sensor
129		Not used	
130	E	TI-measurement signal (fuel consumption)	Instrument cluster
131		Not used	
132	E	Throttle position	Throttle position sensor
133	E	Signal input	Hot film air mass meter
134	M	Sensor ground	Oxygen sensors
135		Not used	
136		Not used	
137	A	Cyl. 1 ignition coil control	Cyl. 1 ignition coil
138	A	Cyl. 2 ignition coil control	Cyl. 2 ignition coil
139		Not used	
140		Not used	
141	A	Component supply +	Throttle position sensor
142	E	Battery voltage from engine control module relay	Engine control module relay, terminal 87
143	M	Ground, ignition	Ground point
144	E	Ignition switch, terminal 15	Ignition switch, terminal 15
145	A	Activate auxiliary fan	Normal speed relay
146	A	Activate valve	Intake air resonance changeover valve

E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
147		Not used	
148	E	Programming voltage	Data link connector
149	A	Activate valve	Evaporation emission valve
150		Not used	
151	A	Activate relay	Fuel pump relay
152	A	Secondary air pump valve control	Secondary air pump valve
153	A	Carbon canister valve control	Carbon canister valve
154	A	Fuel changeover valve	Fuel changeover valve
155		Not used	
156	E	Signal above 80 °C	Double temperature switch
157	E	A/C-ON-signal	Air conditioning operating unit
158	E	Cyl 1-2 knock sensor	Knock sensor
159	M	Ground for sensors	Temperature-/ knock-/ throttle position-sensors
160	E	Fuel tank pressure	Fuel tank pressure sensor
161		Not used	
162	E	Temperature signal	Engine coolant temperature sensor
163		Not used	
164		Not used	
165	E	Oxygen sensor signal	Oxygen sensor (behind catalytic converter)
166	E	Crankshaft position/RPM	Crankshaft position/RPM sensor
167	E	Speed signal right rear	ABS/ASC control module
168	A	Crankshaft RPM speed signal TD	Instrument cluster
169		Not used	
170		Not used	
171	E	Vehicle speed signal	Instrument cluster
172		Not used	
173	E/A	CAN LOW	EGS/ASC control module
174	E/A	CAN HIGH	EGS/ASC control module
175	A	RxD diagnosis data line	Data link connector
176	E/A	TxD diagnosis data line	Data link connector

E = Input, A = Output, M = Ground



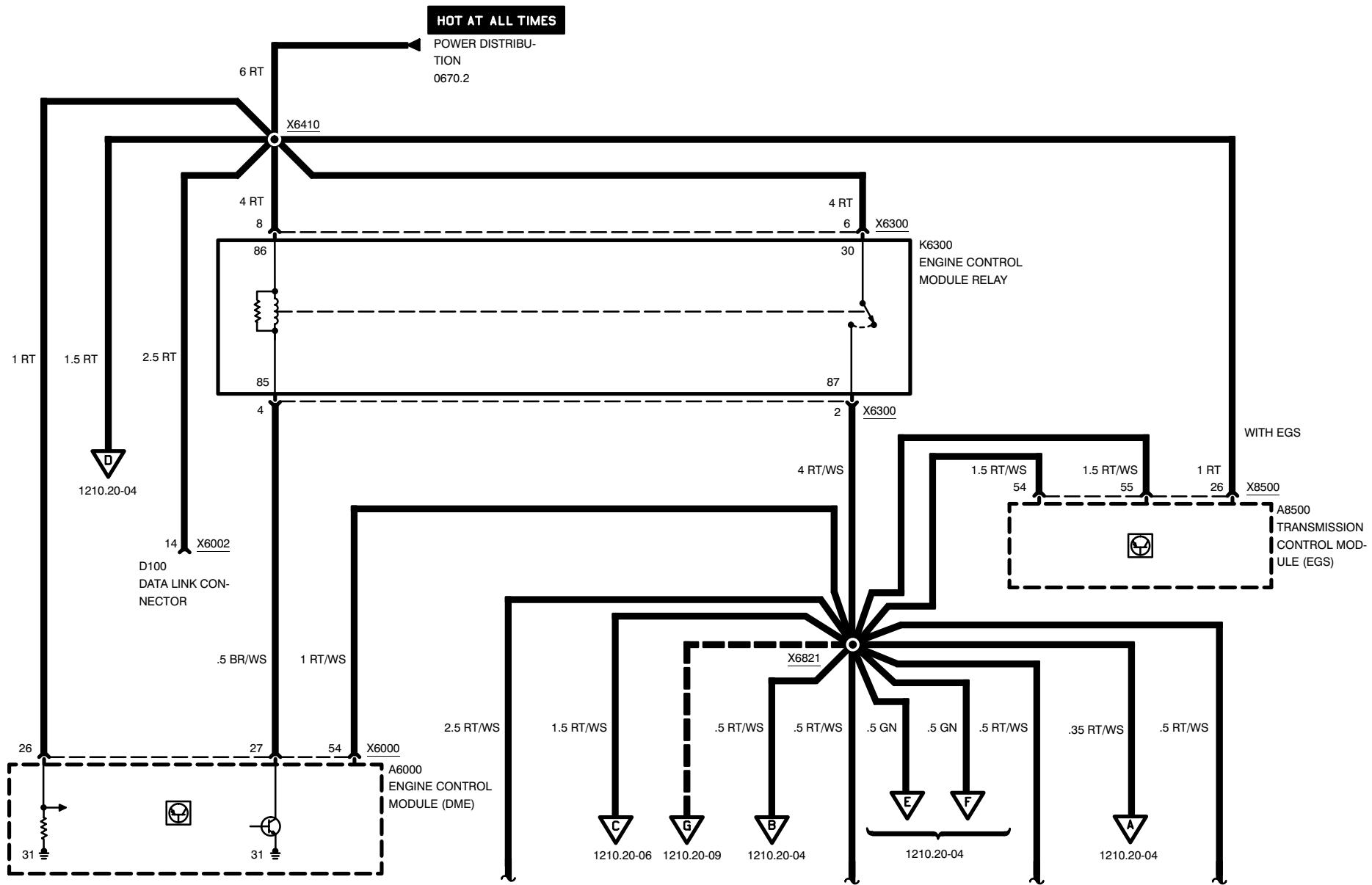
## ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

### POWER, FUEL INJECTION VALVES

03/98

1210.20-00

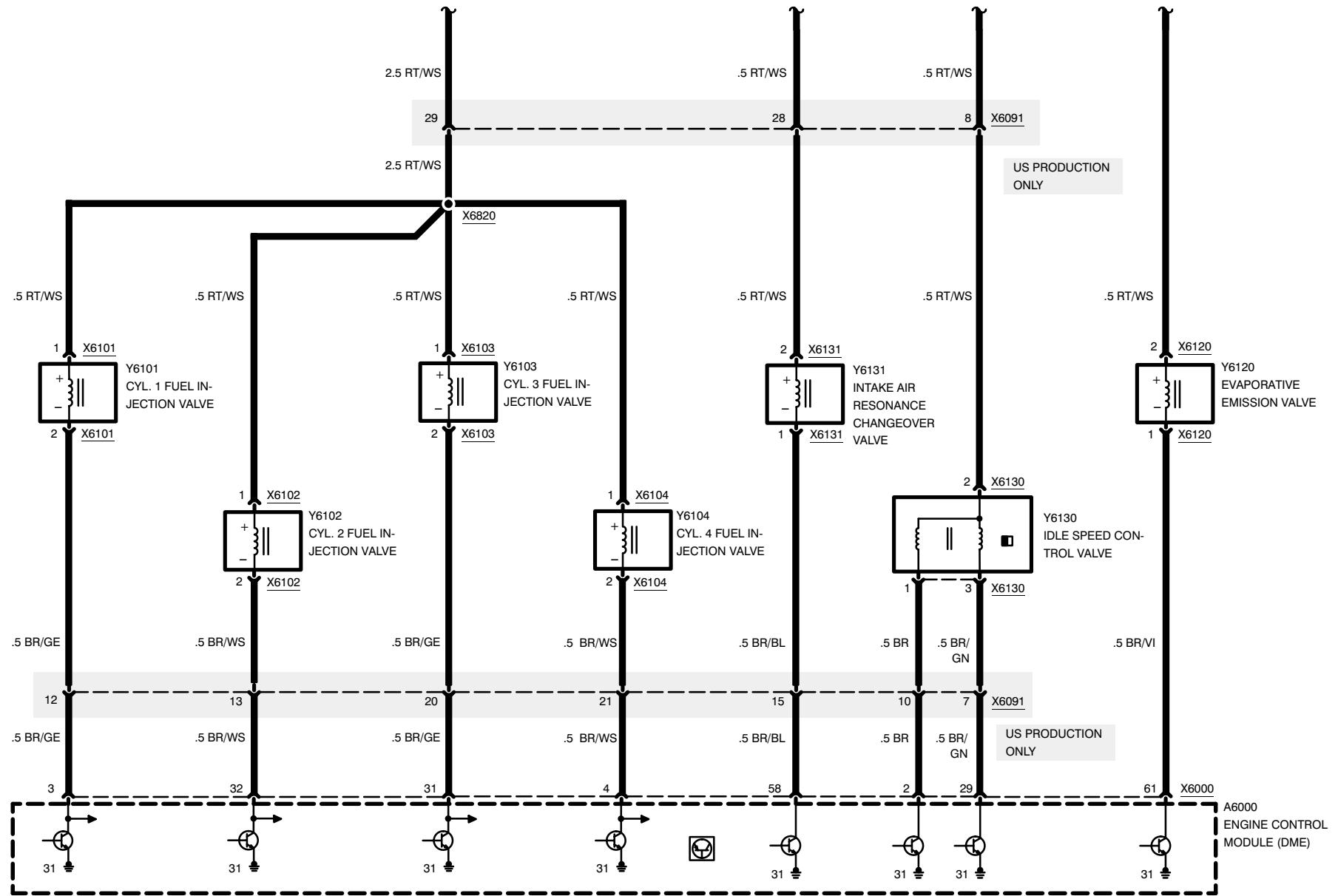
1997



03/98

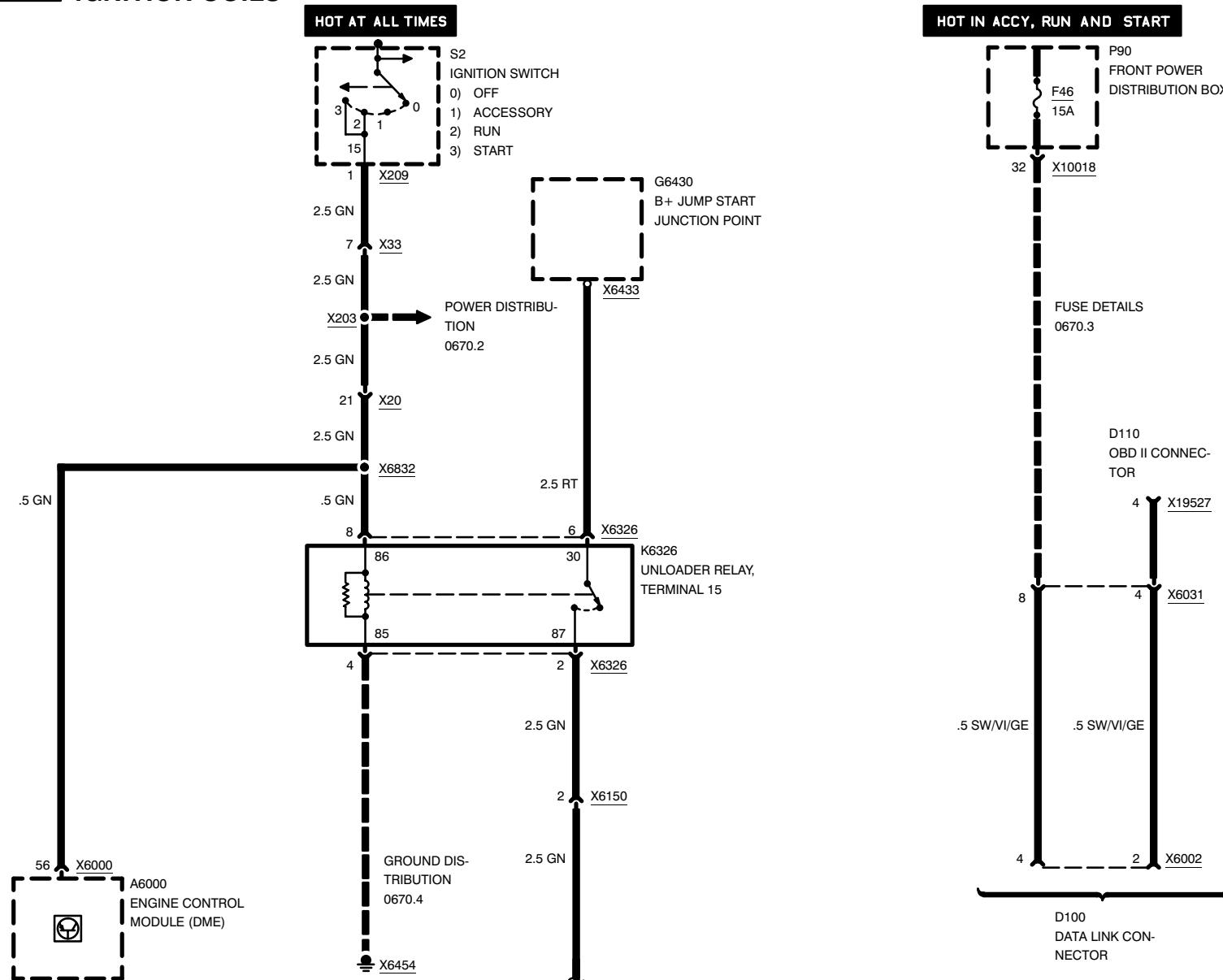
- 1210.20-01

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# ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

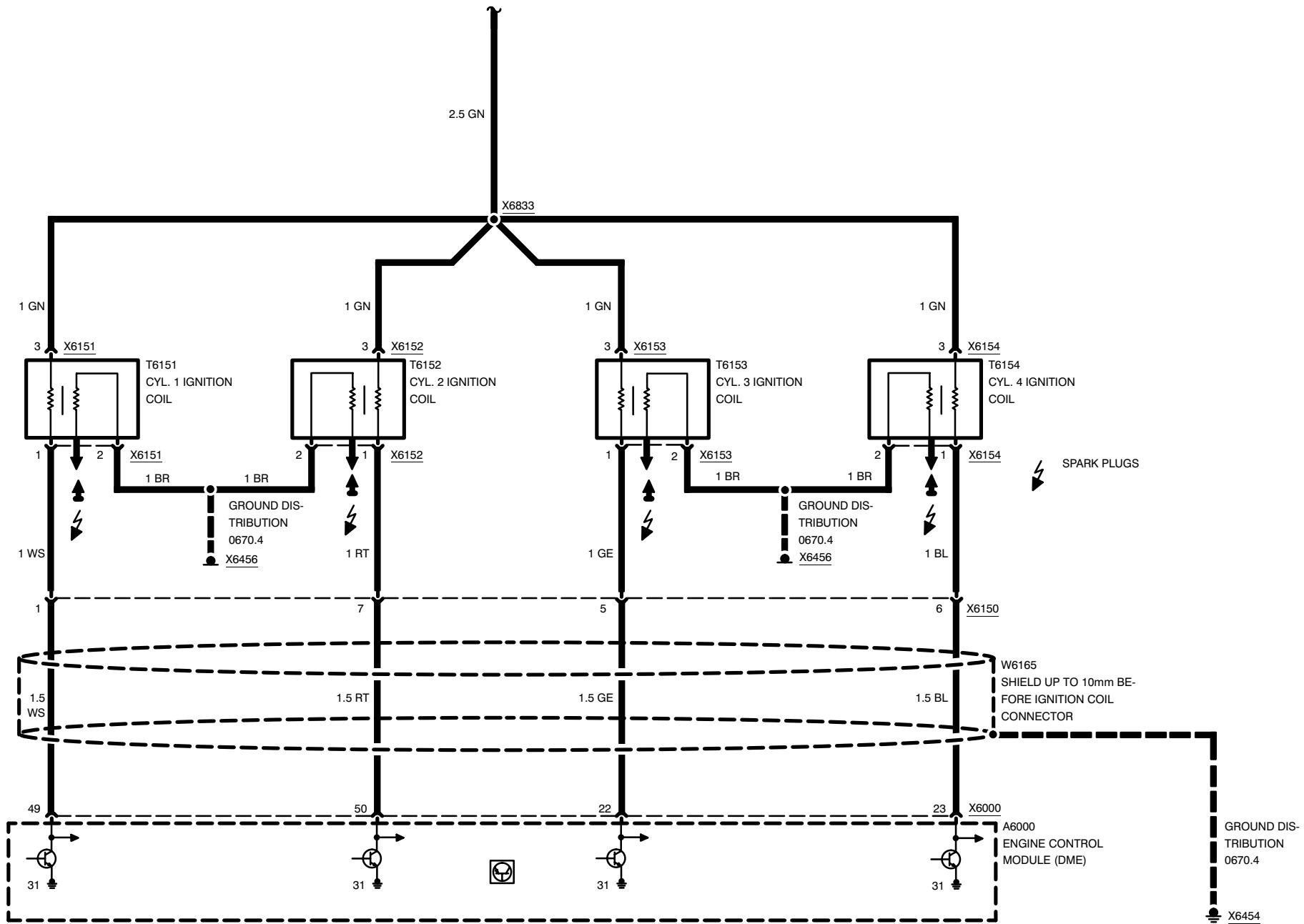
## IGNITION COILS



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1997





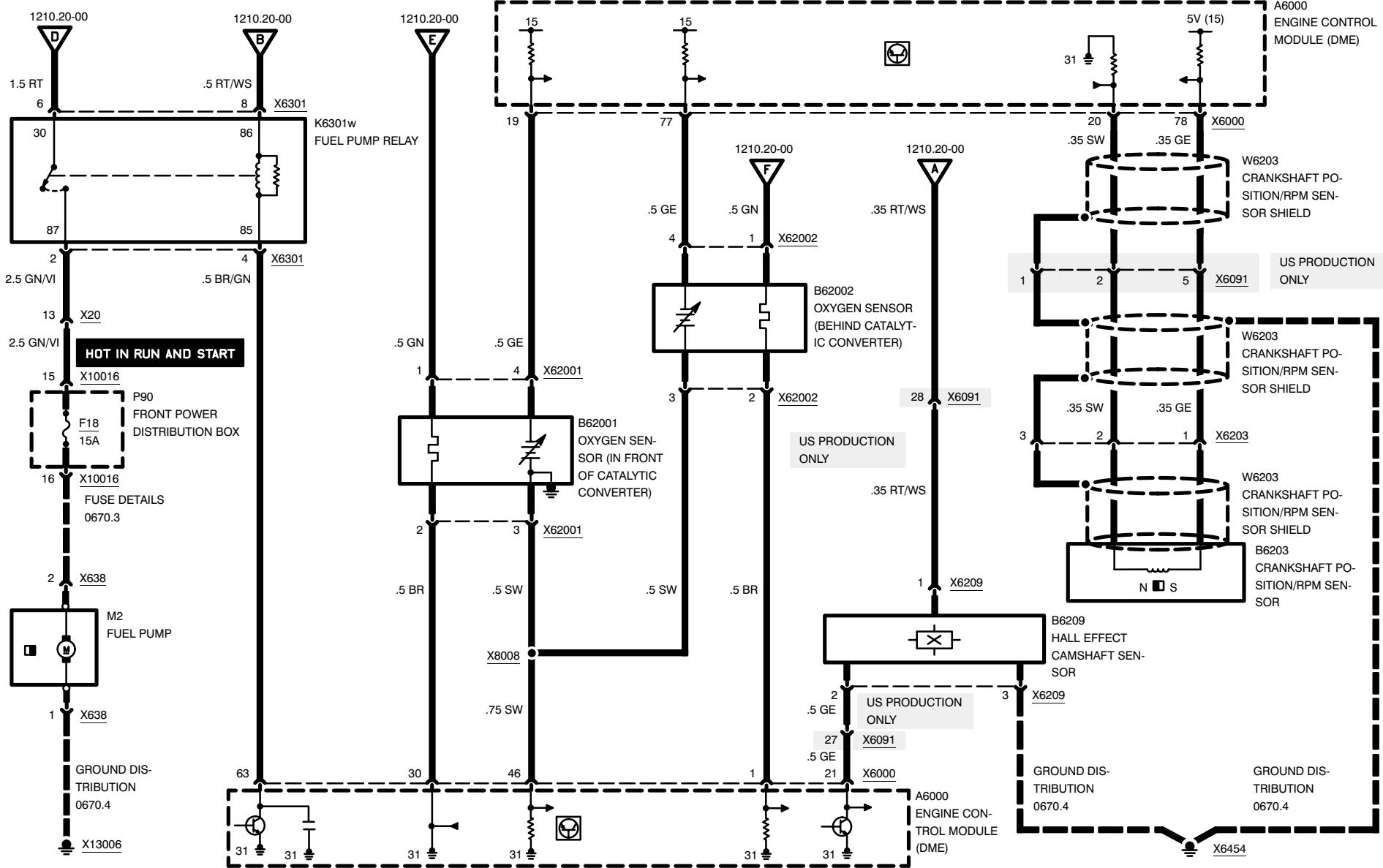
## ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

### FUEL PUMP, HEATED OXYGEN SENSOR, CRANKSHAFT SENSORS

03/98

1210.20-04

1997

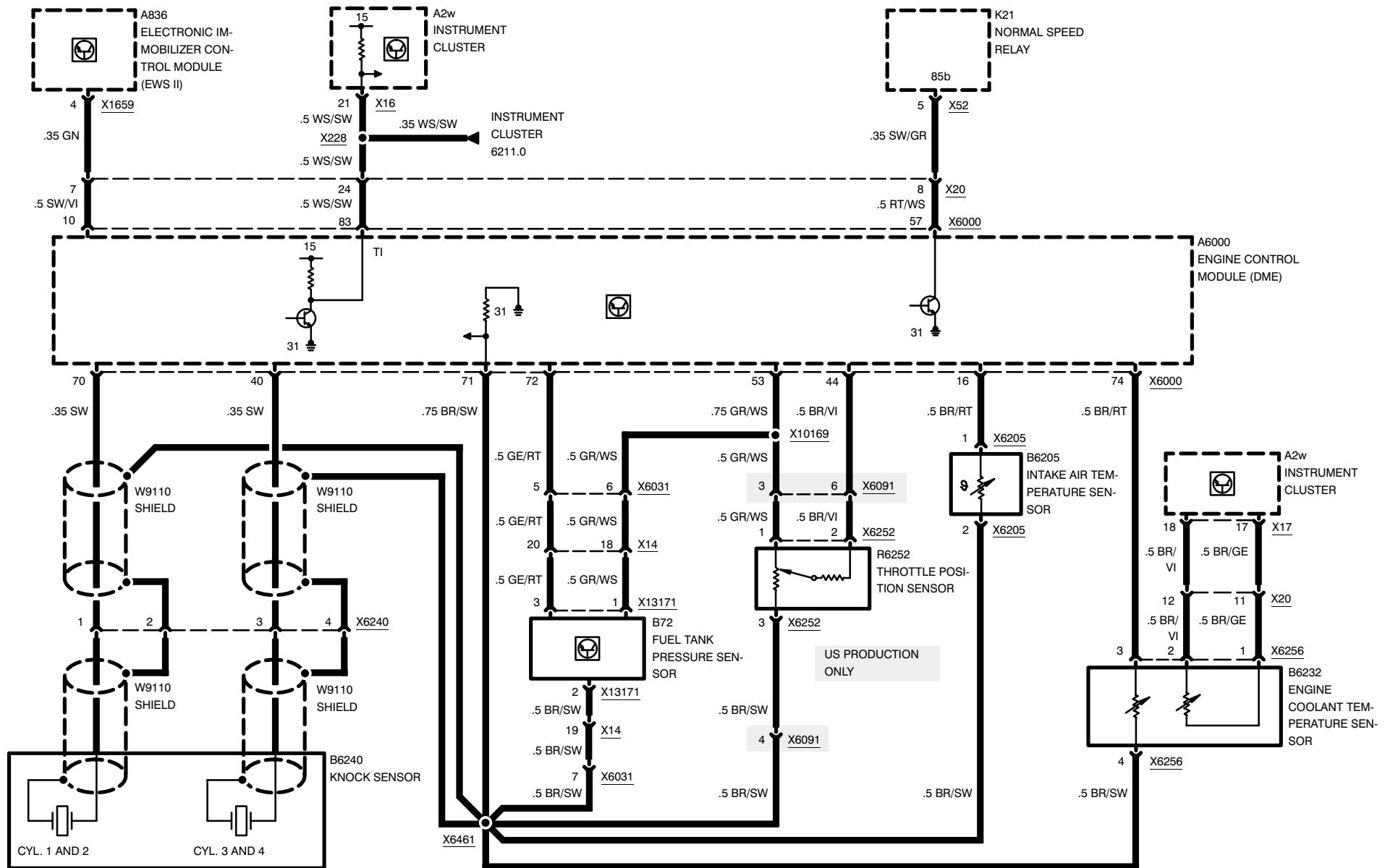


## ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

03/98

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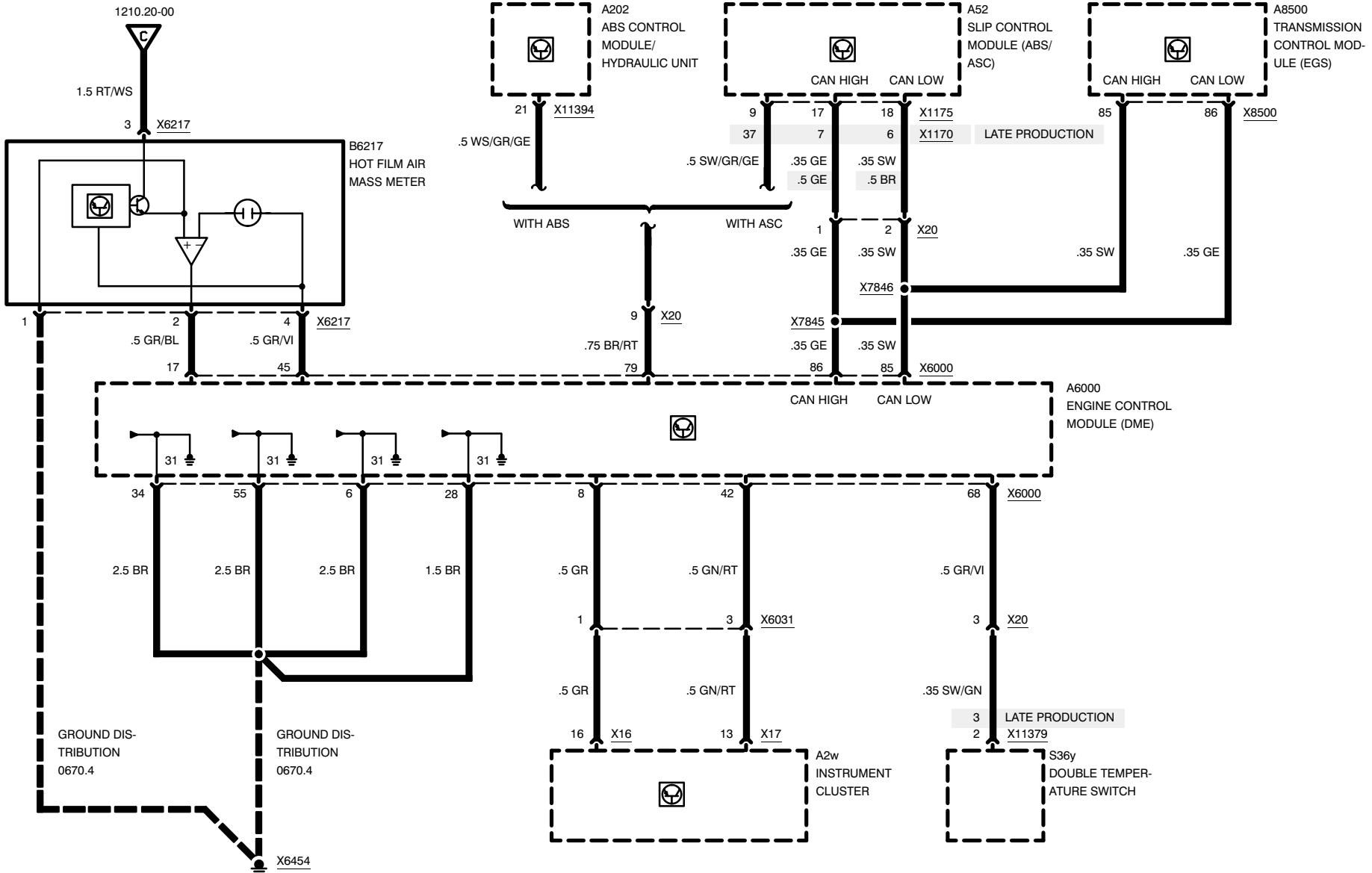


## ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

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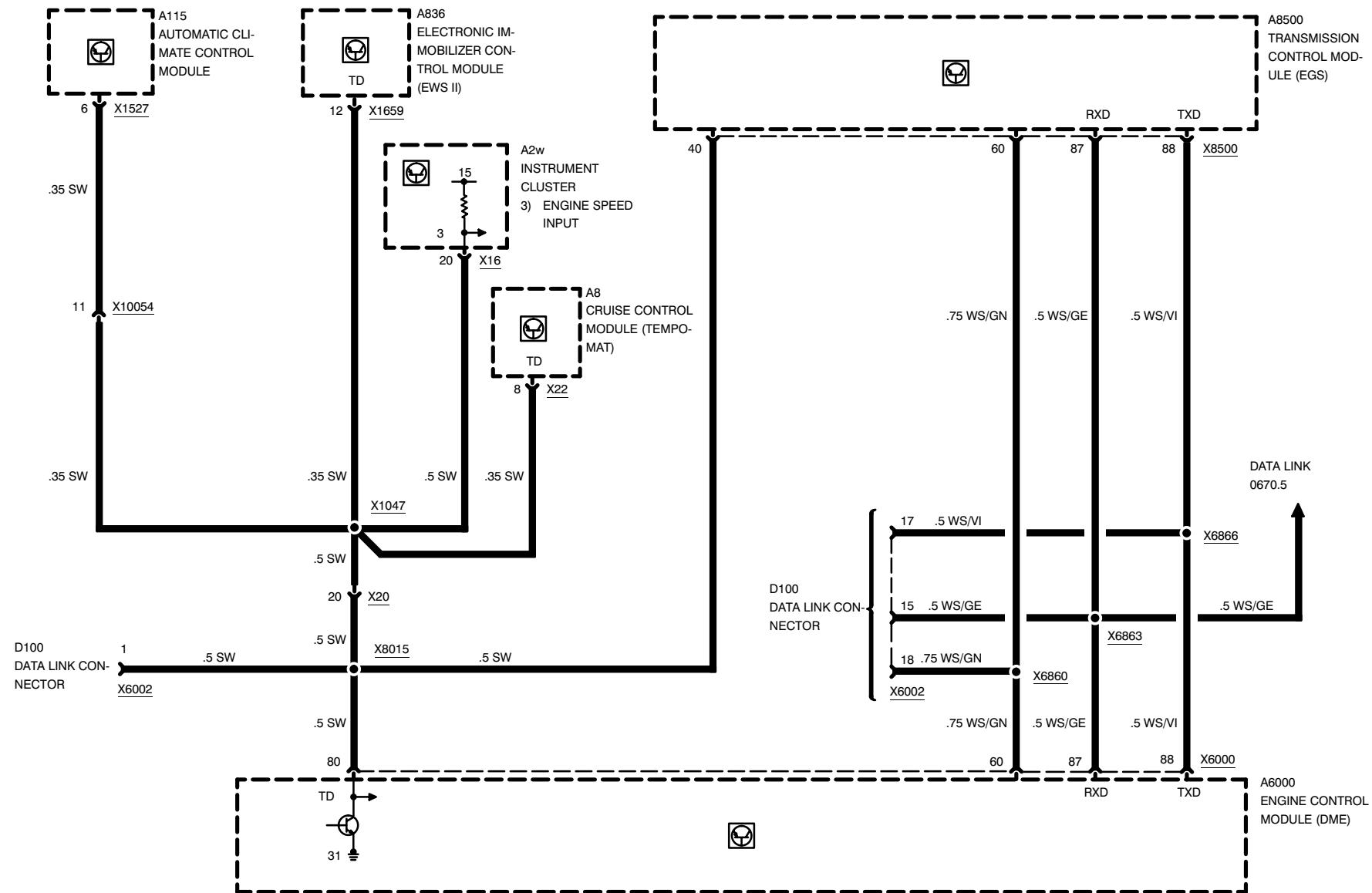
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## ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

## DATA LINK

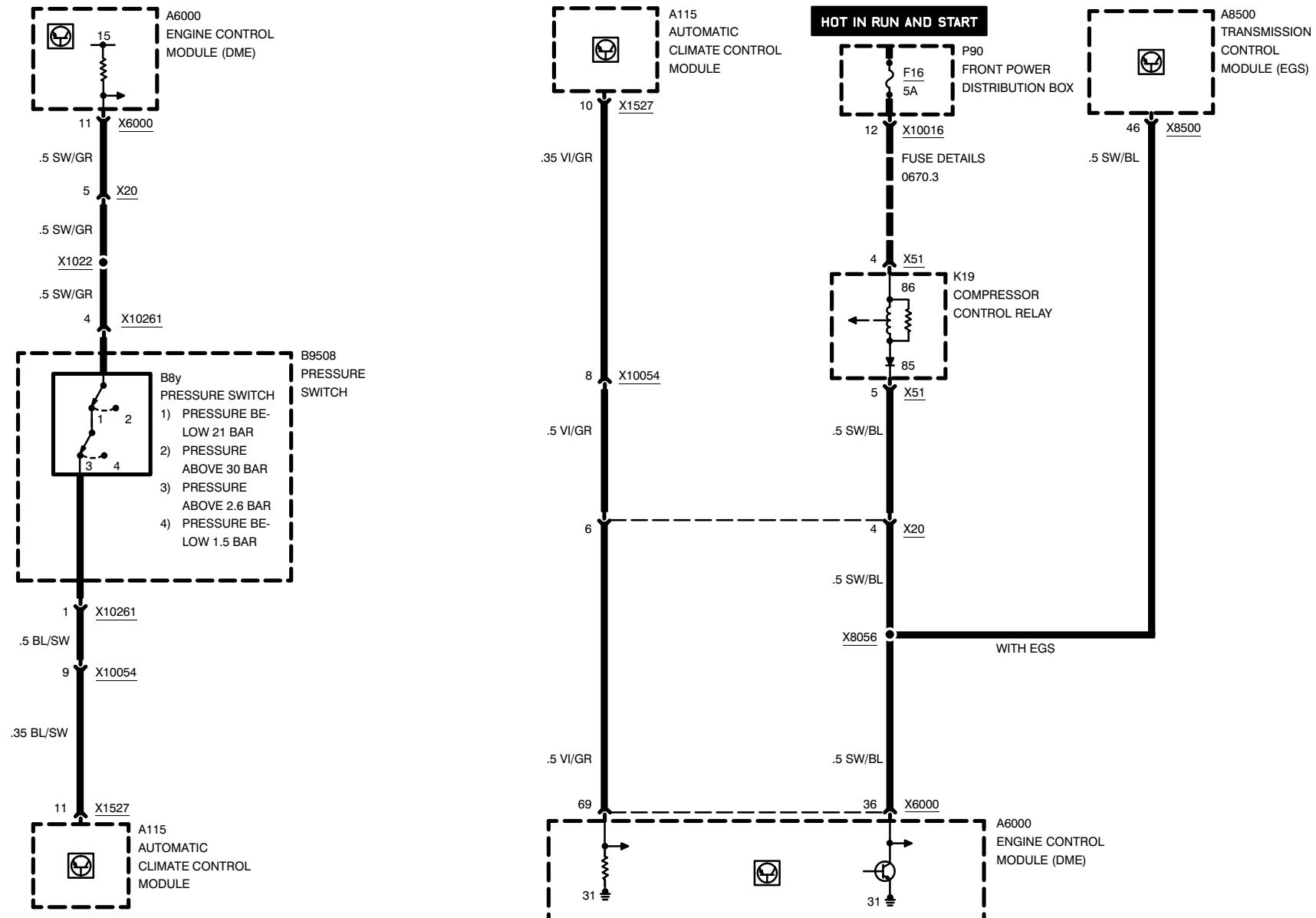


## ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

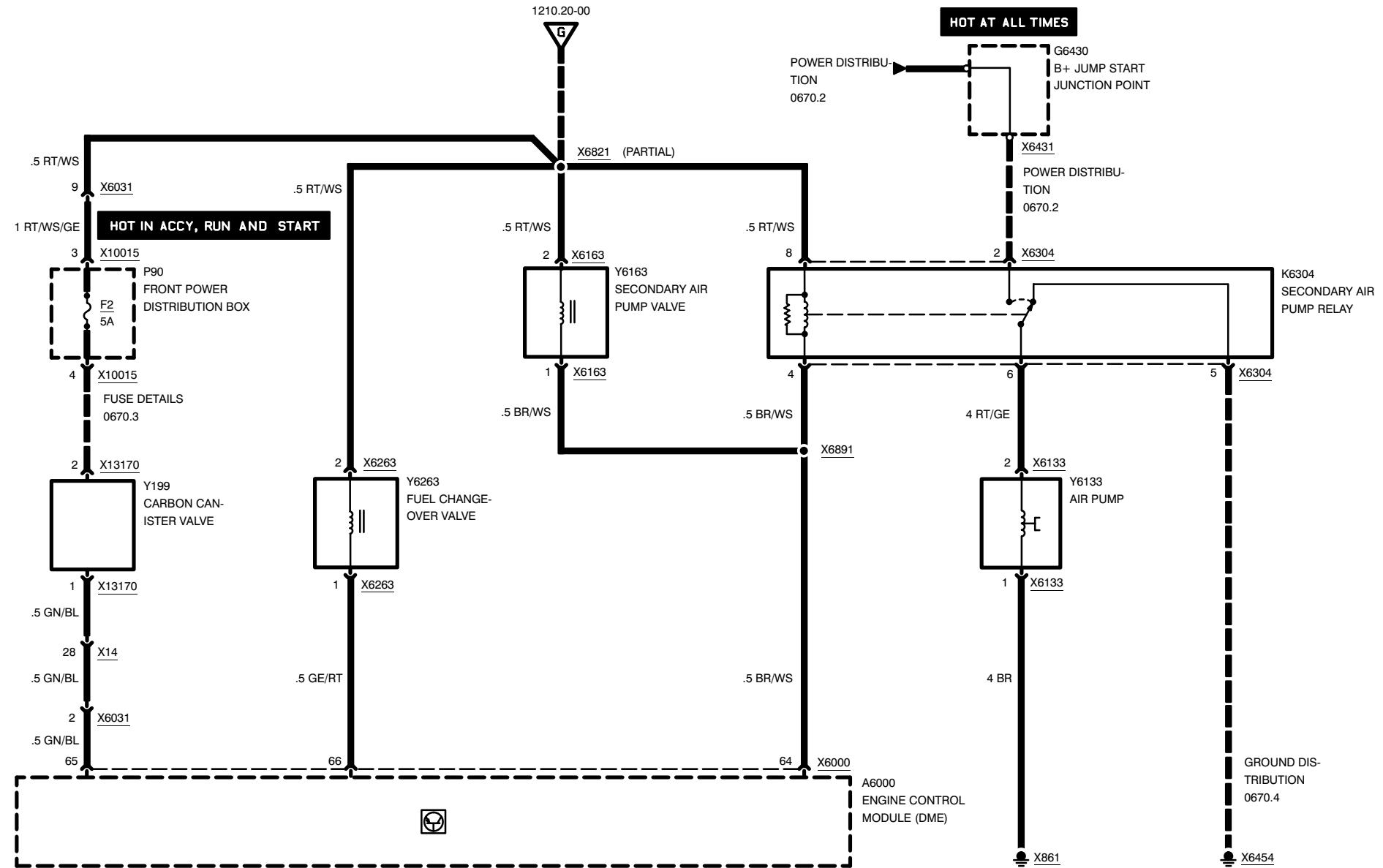
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1997



## ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)



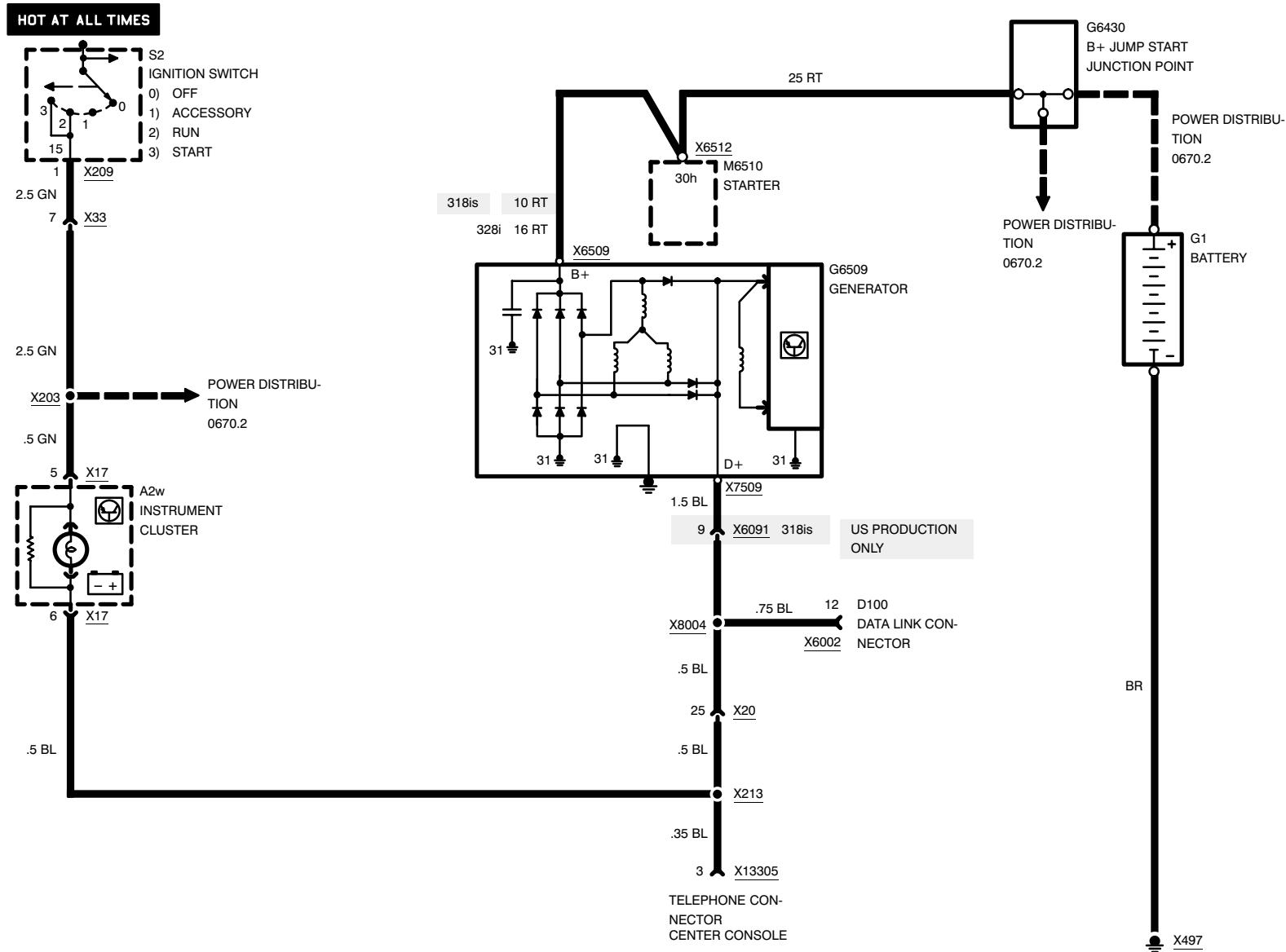


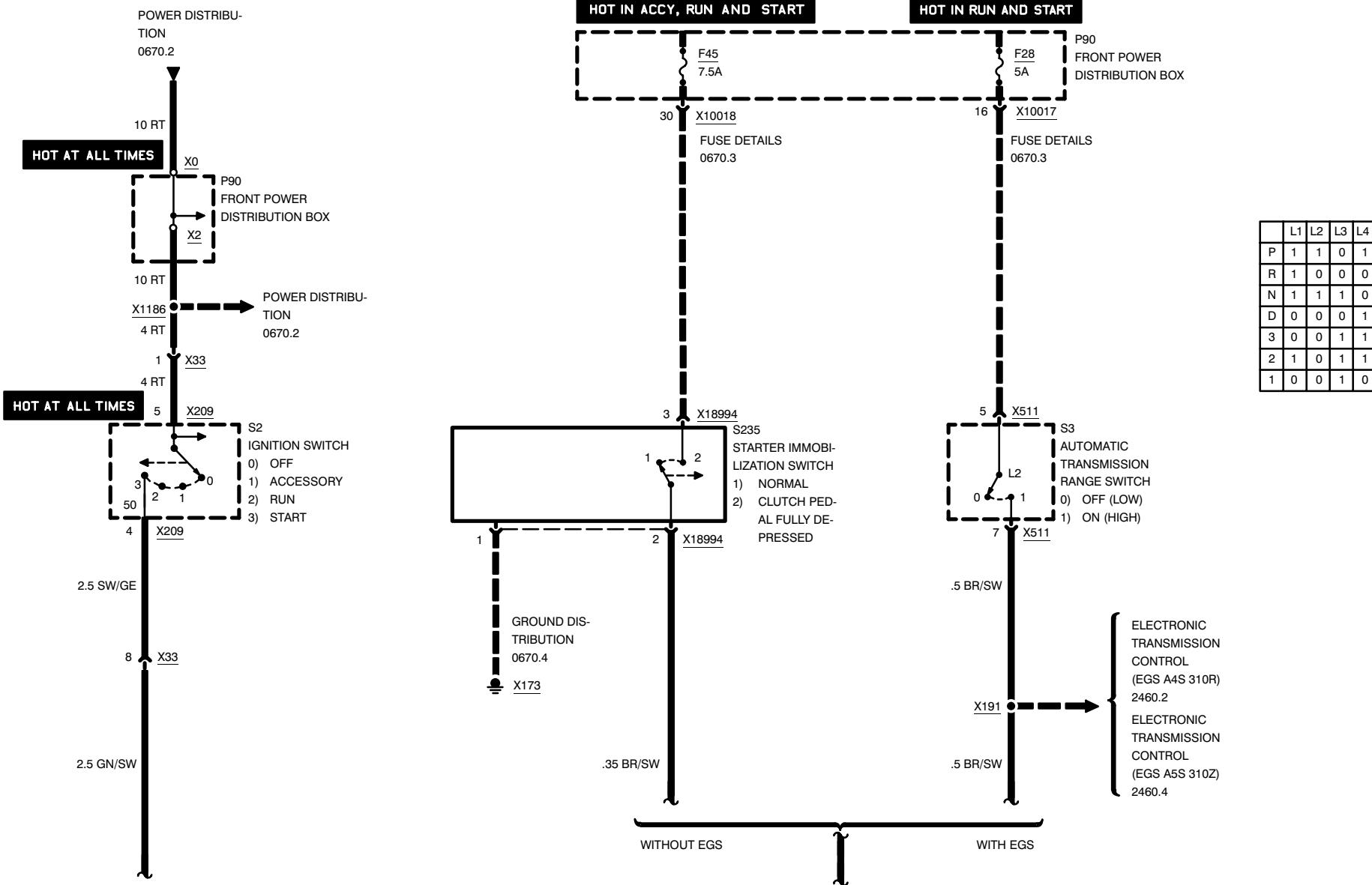
# CHARGING SYSTEM

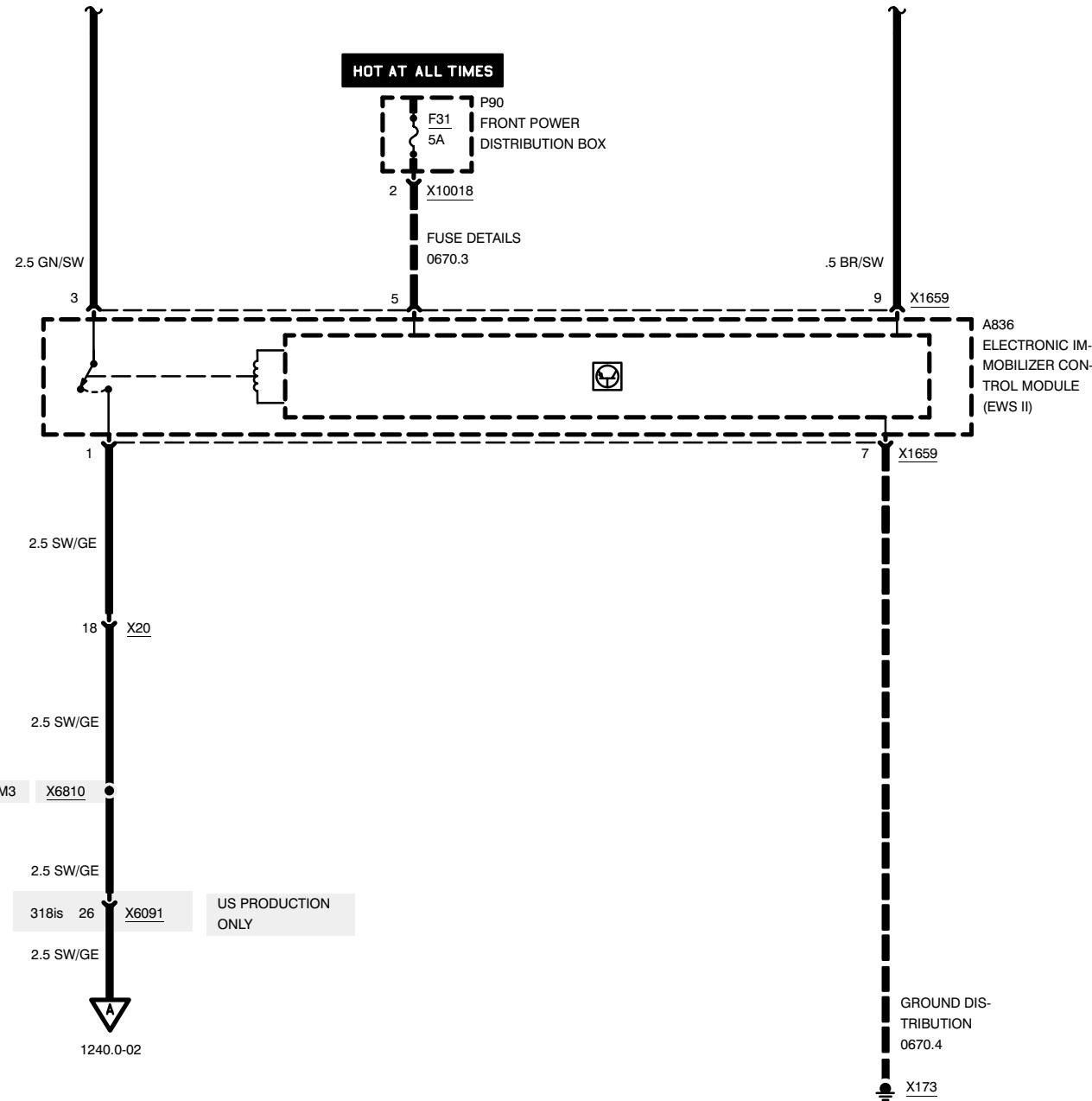
88/88

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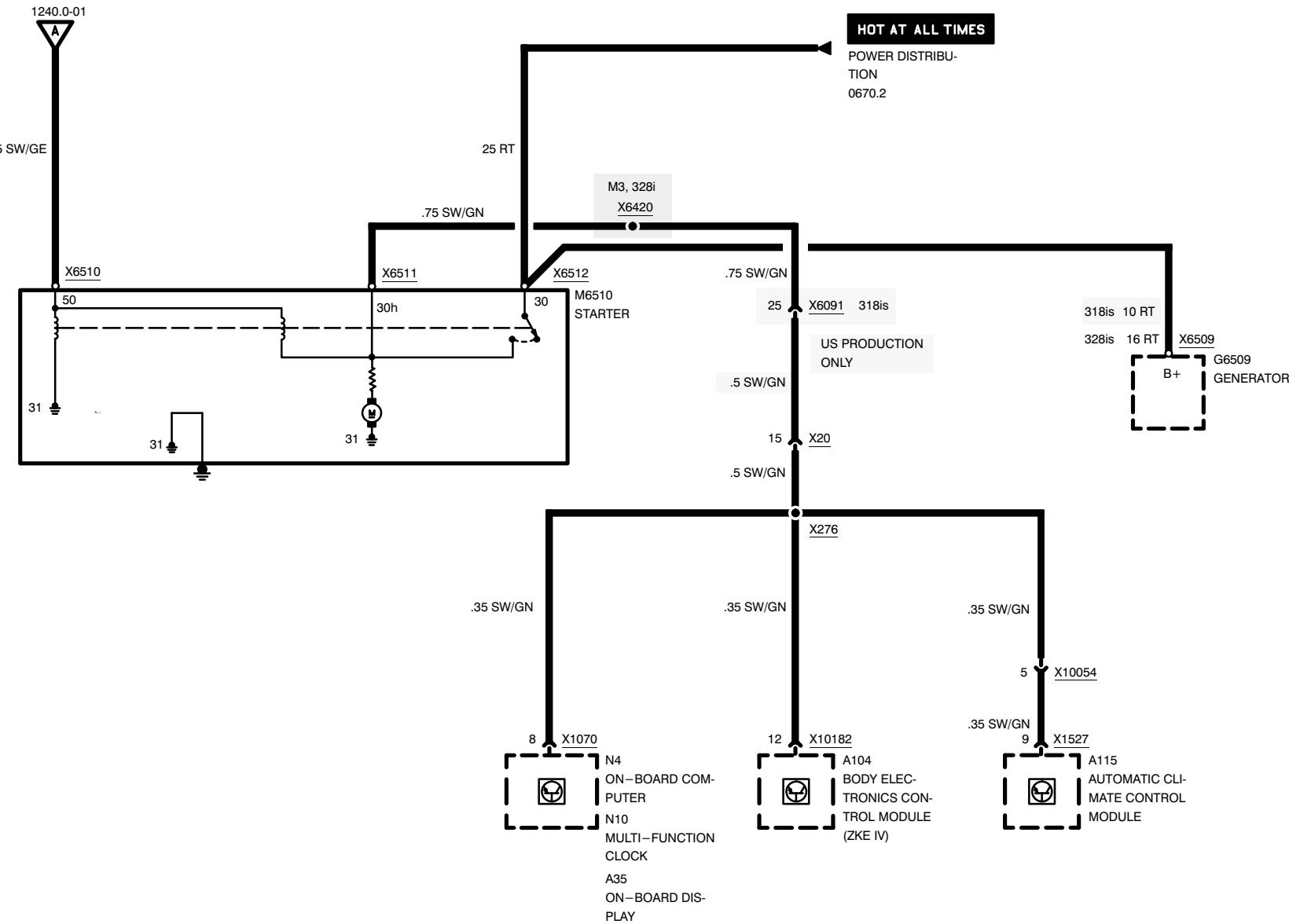
1661







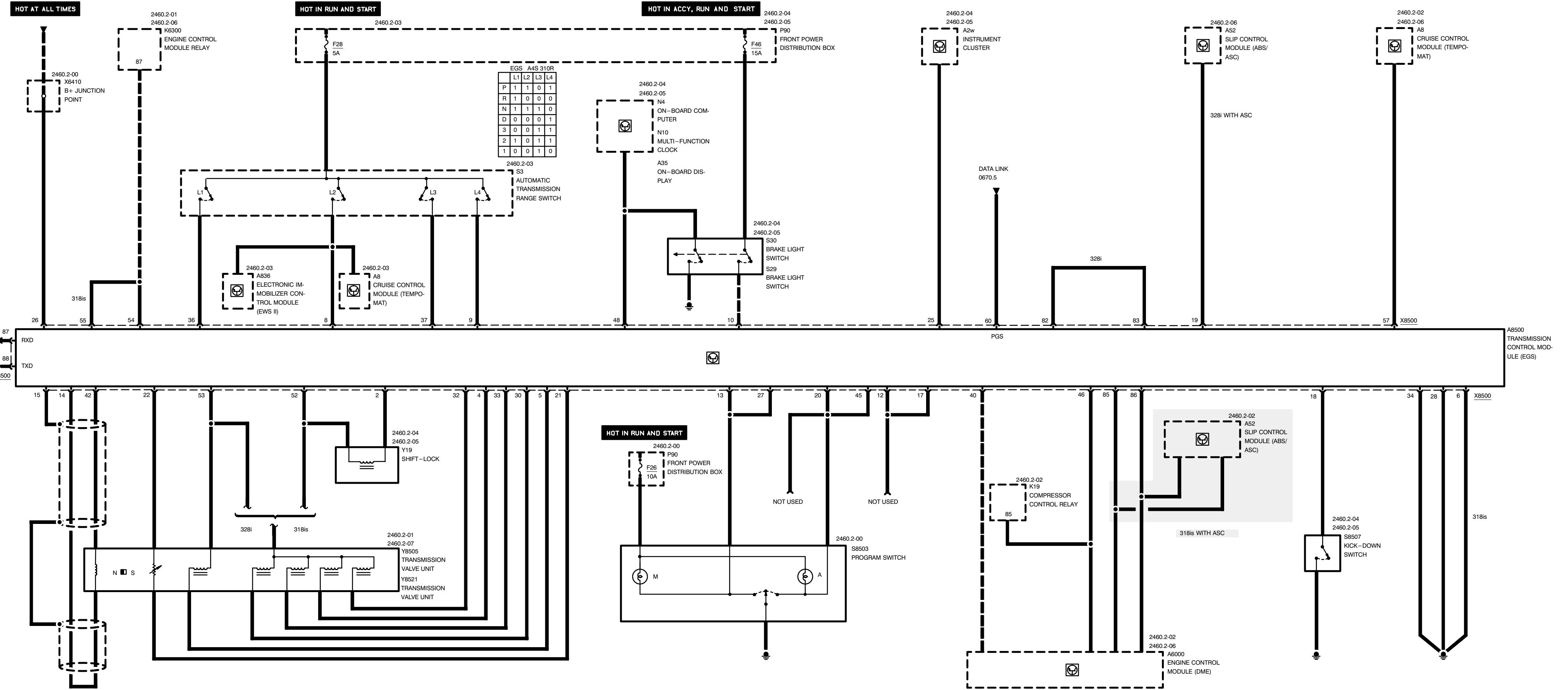
03/98 1240.0-01 1997

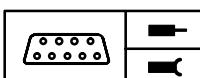


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**2460.2**

1997



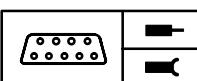


## Pin Assignments

### X8500

Pin	Type	Description/Function	Connection
177		Not used	
178	A	Shift-lock solenoid control	Shift-lock
179		Not used	
180	A	Band solenoid	Transmission valve unit (318is)
4	A	Solenoid valve 3 control (-)	Transmission valve unit (328i)
181	A	Hydraulic pressure regulator control (-)	Transmission valve unit
182	M	Ground	Ground point (318is)
183		Not used	
184	E	Gear range signal L2	Automatic transmission range switch
185	E	Gear range signal L4	Automatic transmission range switch
186	E	Brake pedal position	Brake light switch
187		Not used	
188	E	Sport mode signal	Not used
189	E	Manual mode signal	Program switch
190	E	Output speed (-)	Transmission valve unit
191	M	Ground for shield	Shield for speed sensor
192		Not used	
193	A	S-program indication	Not used
194	E	Kick-down signal	Kick-down switch
195	E	ASC signal	ASC module (328i)
196	E	Automatic mode signal	Program switch
197	E	Oil temperature signal (-)	Transmission valve unit
198	E	Oil temperature signal (+)	Transmission valve unit
199		Not used	
200		Not used	
201	A	Fault indicator signal	Instrument cluster
202	E	Battery voltage	B+ Jump start junction point
203	A	M-program indication	Program switch
204	M	Ground	Ground point
205		Not used	

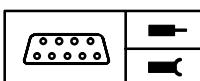
E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
206	A	Solenoid valve 1 control (-)	Transmission valve unit
207		Not used	
208	A	Torque converter clutch solenoid valve control (-)	Transmission valve unit
209	A	Solenoid valve 2 control (-)	Transmission valve unit
210	M	Ground	Ground point
211		Not used	
212	E	Gear range signal L1	Automatic transmission range switch
213	E	Gear range signal L3	Automatic transmission range switch
214		Not used	
215		Not used	
216	E	RPM speed signal TD	Engine control module (318is)
217		Not used	
218	E	Output speed (+)	Transmission valve unit
219		Not used	
220		Not used	
221	A	A-program indication	Program switch
222	E	A/C compressor-ON-signal	Engine control module (318is)
223		Not used	
224	E	Brake switch test signal	Brake light switch
225		Not used	
226		Not used	
227		Not used	
228	A	Voltage supply	Shift-lock/Transmission valve unit (318is)
52	A	Voltage supply	Shift-lock (328i)
229	E	Voltage pressure regulator	Transmission valve unit
230	E	Voltage supply terminal 87	Engine control module relay
231	E	Voltage supply terminal 87	Engine control module relay (318is)
232		Not used	
233	E	Cruise control signal	Cruise control module
234		Not used	
235		Not used	

E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
236	E	Programming voltage	Data link connector
237		Not used	
238		Not used	
239		Not used	
240		Not used	
241		Not used	
242		Not used	
243		Not used	
244		Not used	
245		Not used	
246		Not used	
247		Not used	
248		Not used	
249		Not used	
250		Not used	
251		Not used	
252		Not used	
253		Not used	
254		Not used	
255		Not used	
256		Not used	
257		Not used	
258	E/A	Jumper plug	(328i)
259	E/A	Jumper plug	(328i)
260		Not used	
261	E/A	CAN LOW	Engine control module
262	E/A	CAN HIGH	Engine control module
263	A	RxD diagnostic data link	Data link connector (318is)
264	E/A	TxD diagnostic data link	Data link connector

E = Input, A = Output, M = Ground



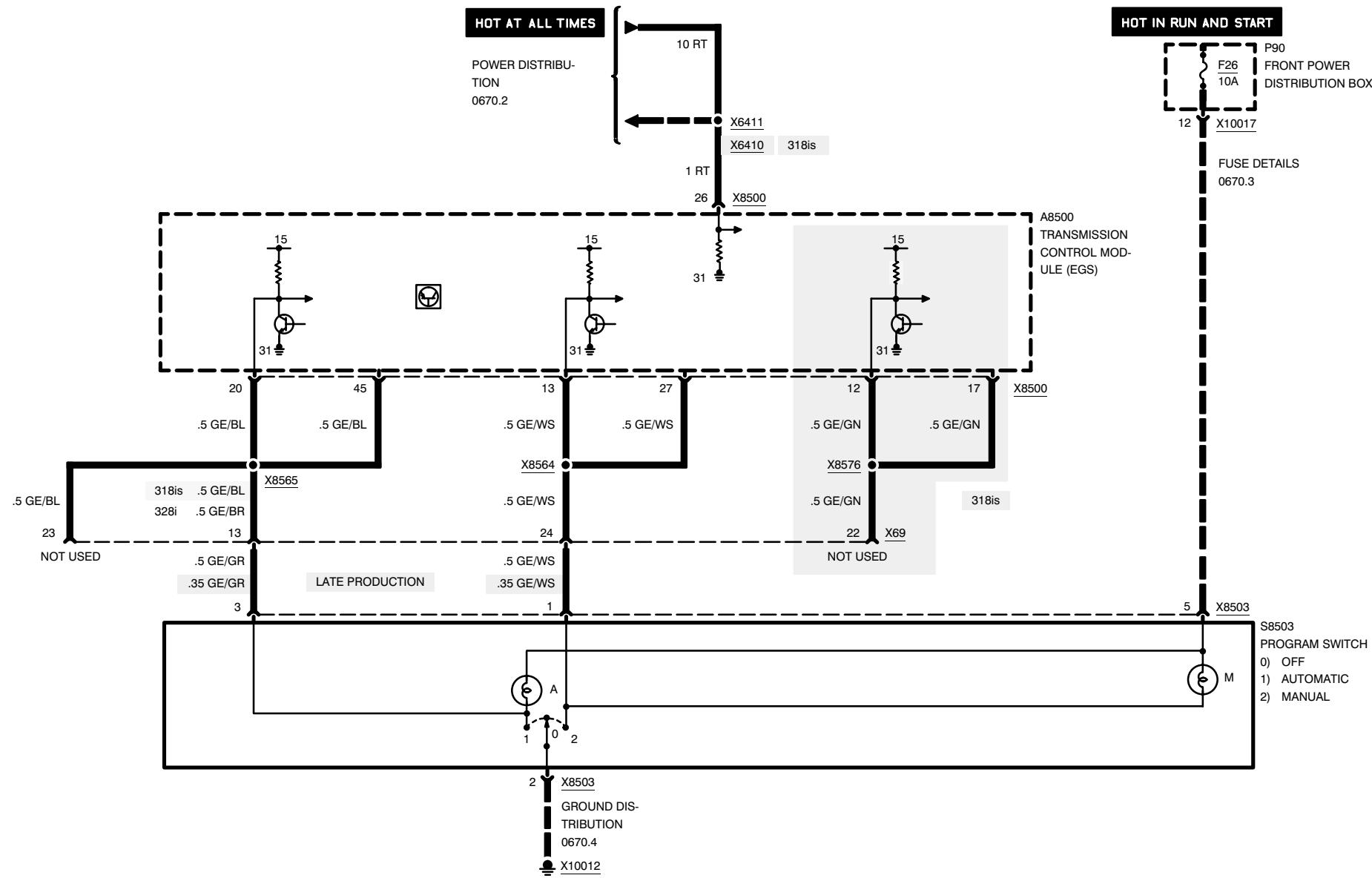
# ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

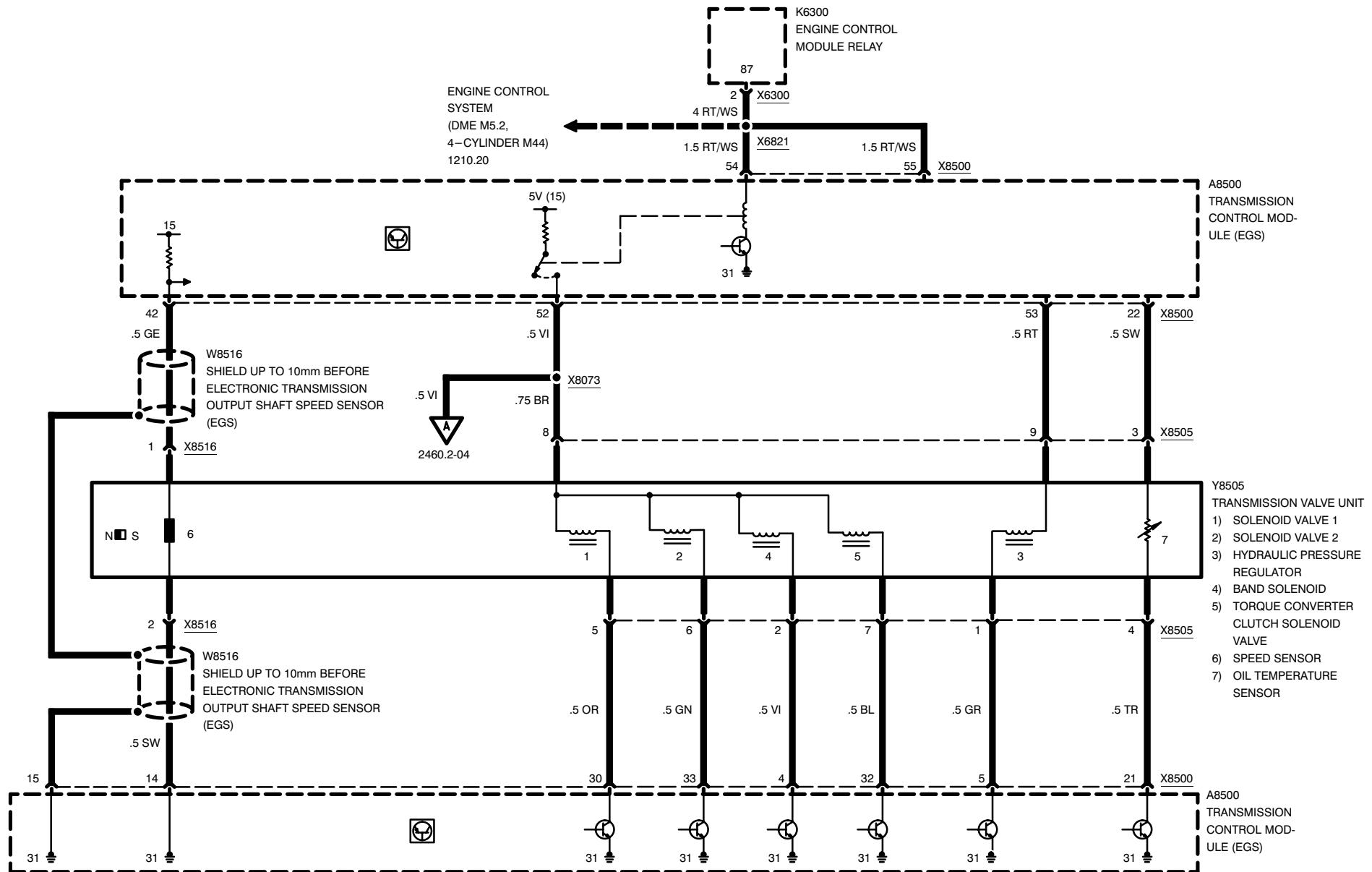
## POWER, PROGRAM SWITCH

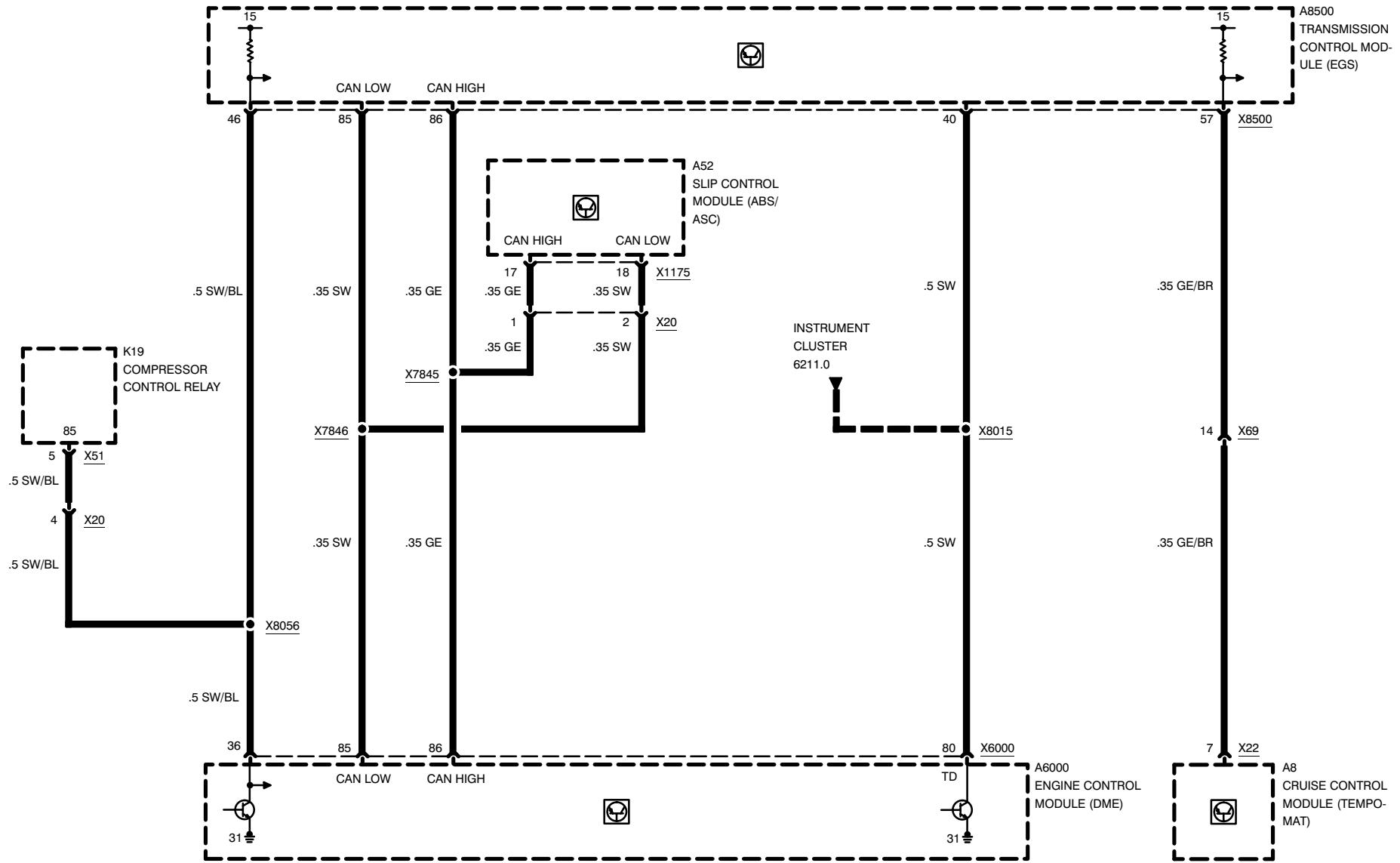
03/98

2460.2-00

1997

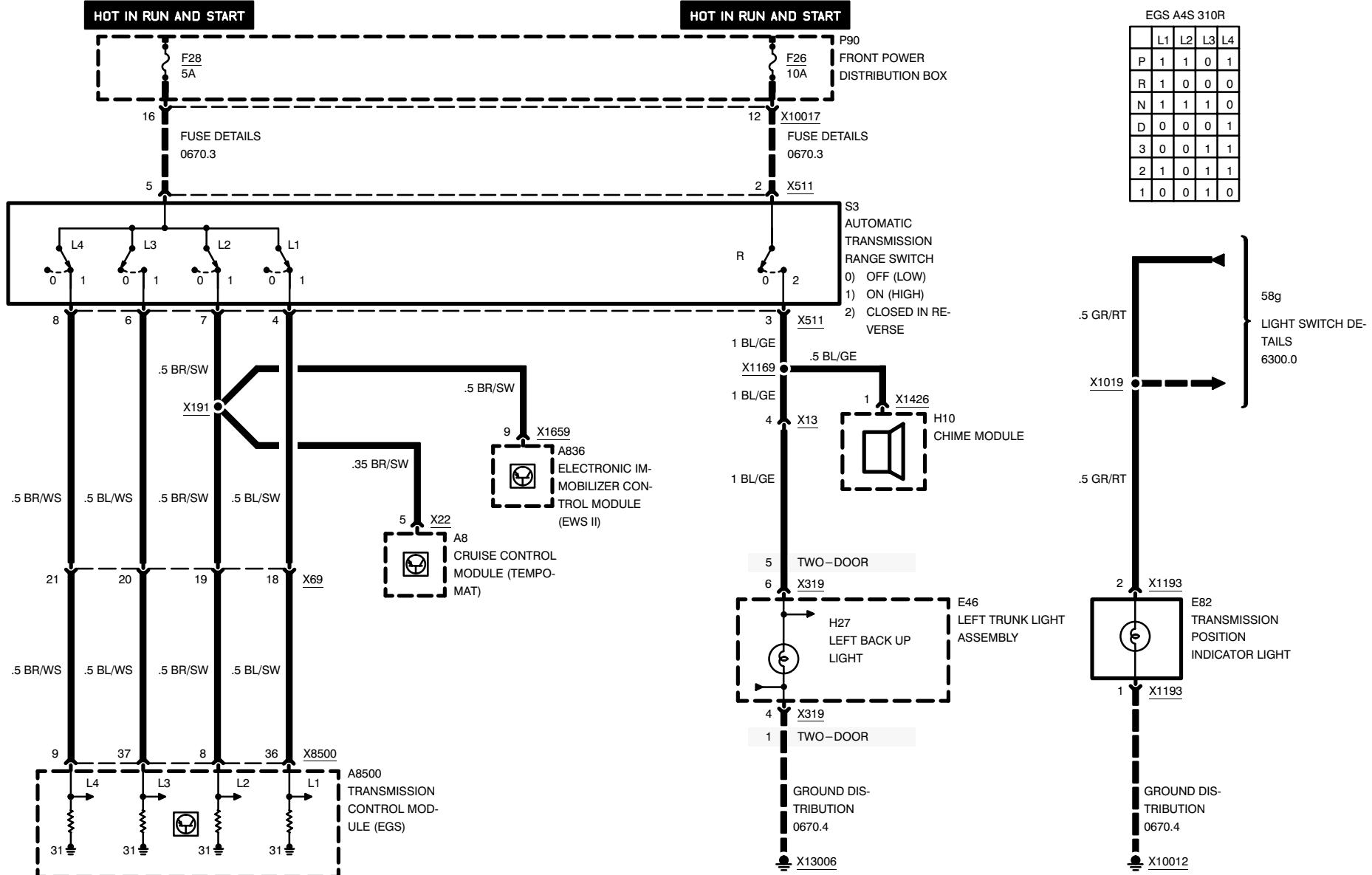






## ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

## GEAR SELECTOR SWITCH





# ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

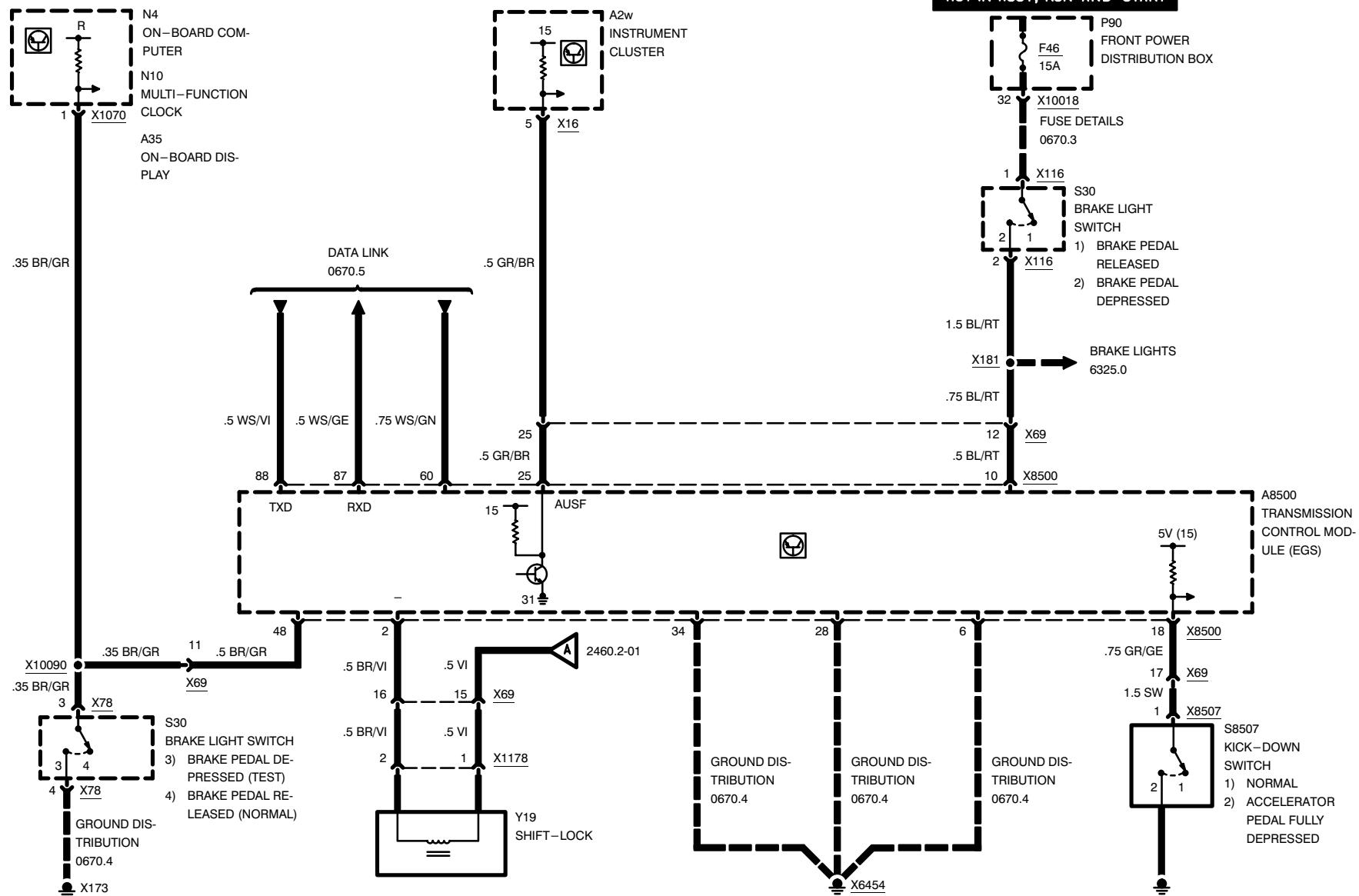
318is

## SHIFT LOCK, DATA LINK, KICK-DOWN SWITCH

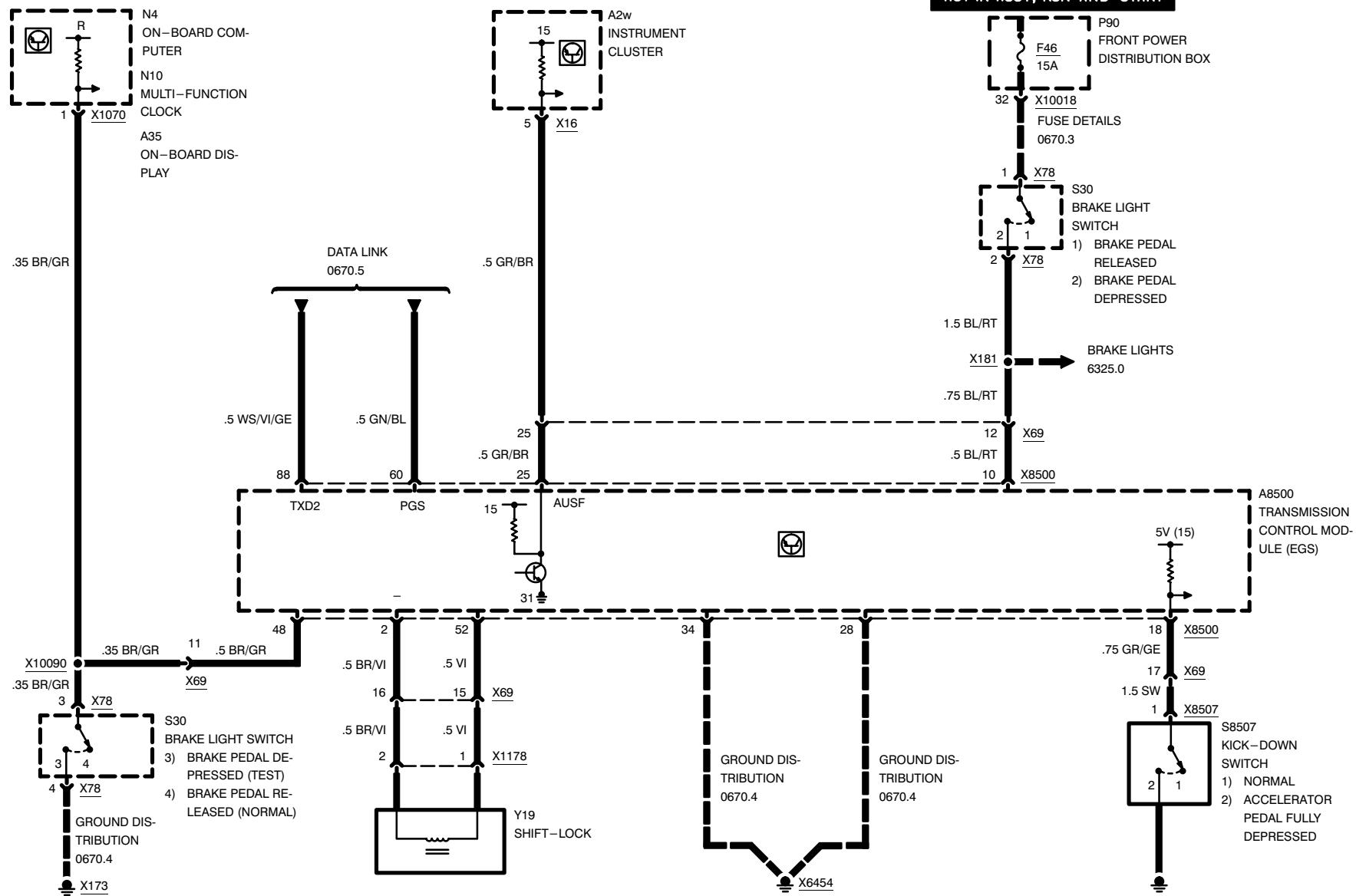
03/98

2460.2-04

1997

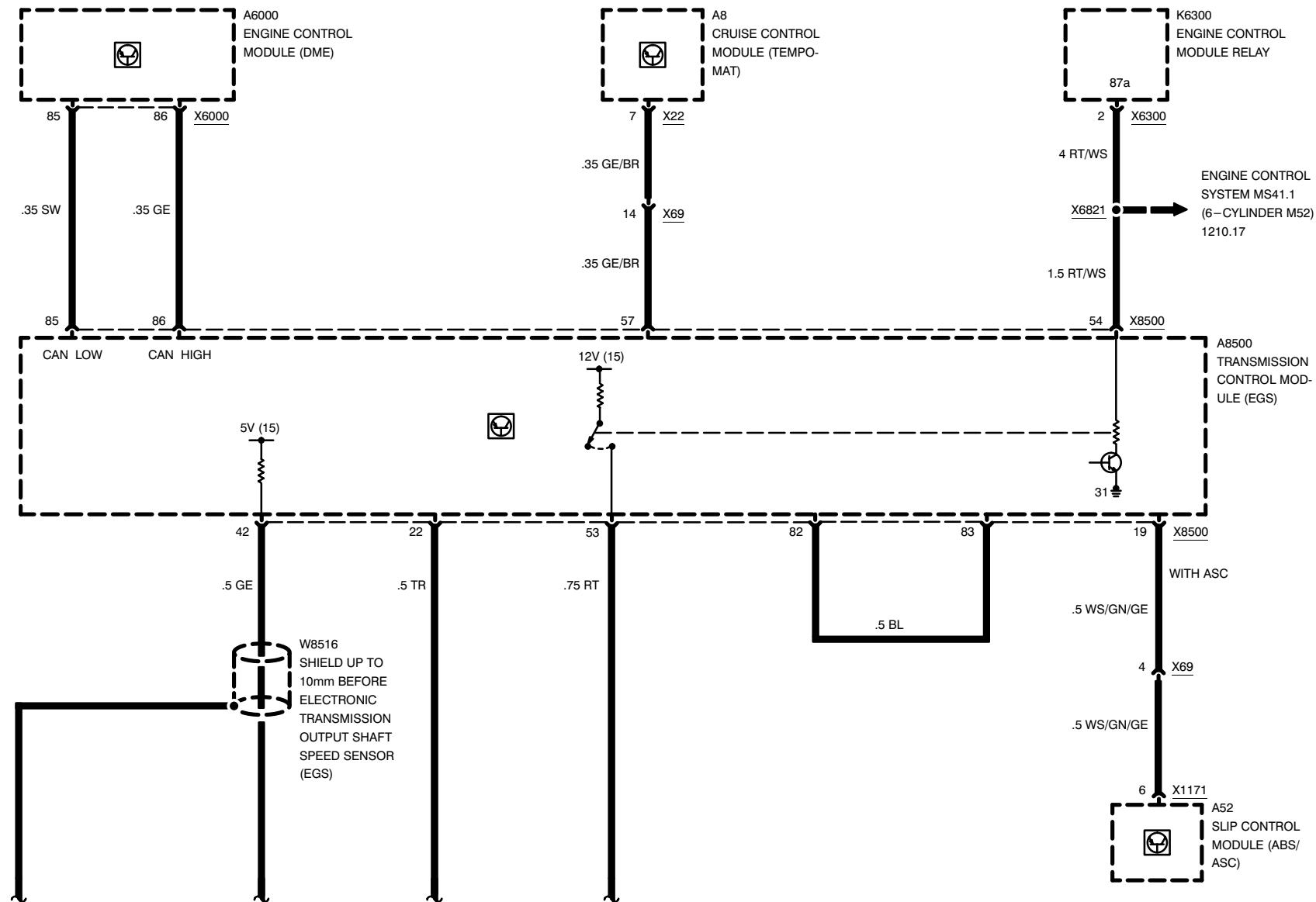


## **SHIFT LOCK, DATA LINK, KICK-DOWN SWITCH**



2460.2-05-

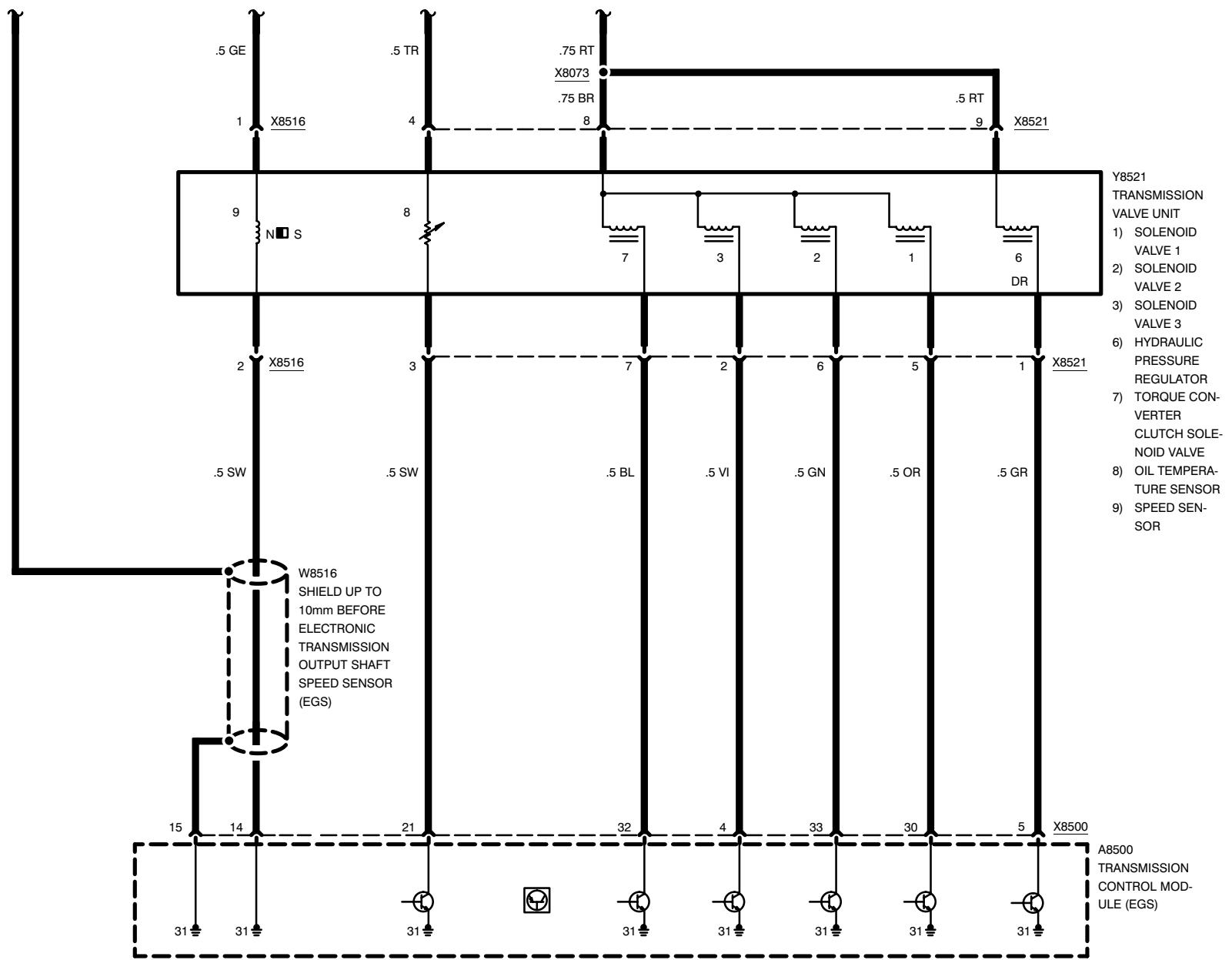
1997

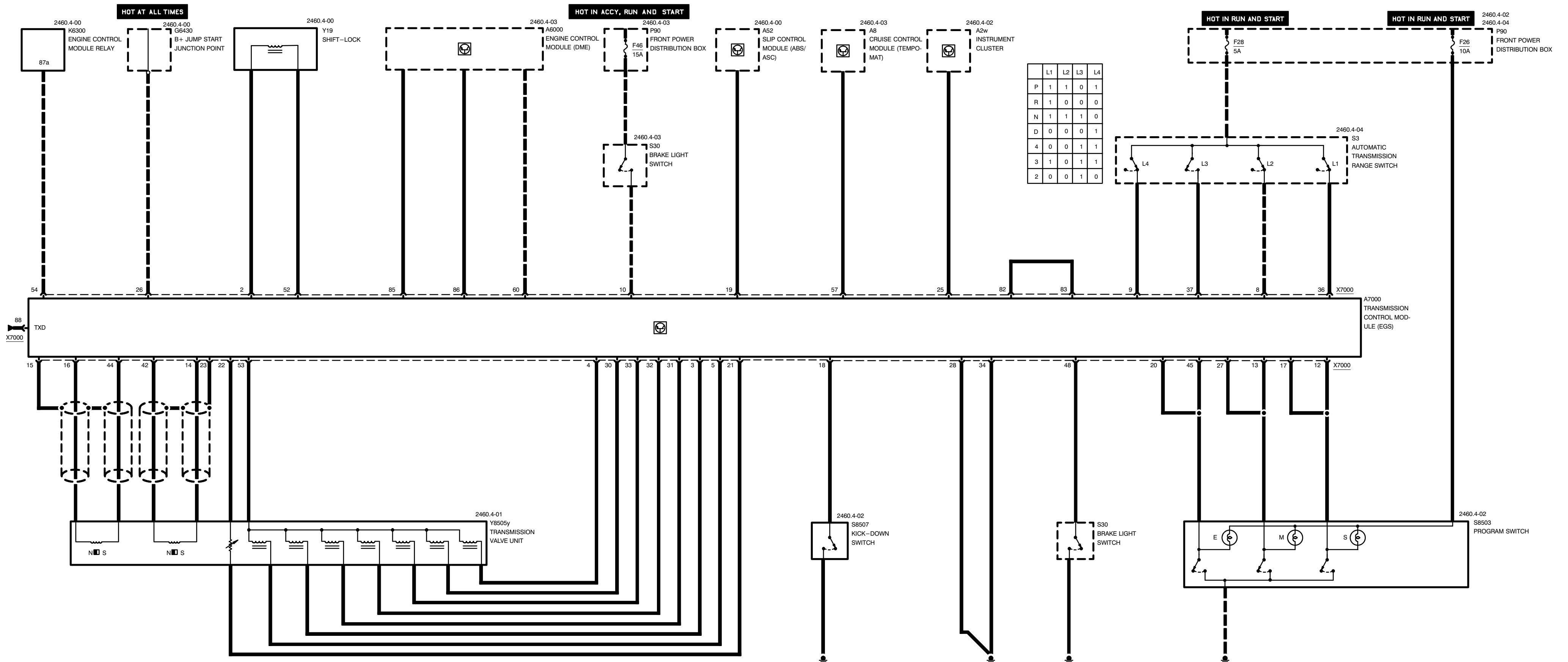


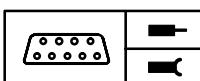
03/98

2460.2-07

1997





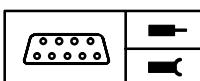


## Pin Assignments

### X7000

Pin	Type	Description/Function	Connection
1		Not used	
2	A	Shift-lock	Shift-lock
3	A	Solenoid valve 5	Transmission valve unit
4	A	Torque converter clutch solenoid valve	Transmission valve unit
5	A	Hydraulic pressure regulator	Transmission valve unit
6		Not used	
7		Not used	
8		Gear range signal L2	Automatic transmission range switch
9		Gear range signal L4	Automatic transmission range switch
10	E	Brake pedal position	Brake light switch
11		Not used	
12	E	S-program indication	Program switch
13	E	M-program indication	Program switch
14	E	Speed sensor	Transmission valve unit
15	M	Shield speed sensor	Shield
16	A	Speed sensor n-turbine	Transmission valve unit
17	E	S-program	Program switch
18	E	Kick-down signal	Kick-down switch
19	E	ASC signal	ASC module
20	E	E-program	Program switch
21	M	Ground oil temperature sensor	Transmission valve unit
22	E	Oil temperature sensor	Transmission valve unit
23	M	Shield speed sensor	Shield
24		Not used	
25	A	Fault indicator signal	Instrument cluster
26	E	Battery voltage	Jump start junction point
27	E	M-program	Program switch
28	M	Ground, electronics	Ground point
29		Not used	
30	A	Solenoid valve 1	Transmission valve unit

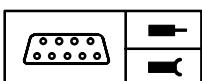
E = Input, A = Output, M = Ground



## Pin Assignments

Pin	Type	Description/Function	Connection
31	A	Solenoid valve 4	Transmission valve unit
32	A	Solenoid valve 3	Transmission valve unit
33	A	Solenoid valve 2	Transmission valve unit
34	M	Ground	Ground point
35		Not used	
36	E	Gear range signal L1	Automatic transmission range switch
37	E	Gear range signal L3	Automatic transmission range switch
38		Not used	
39		Not used	
40		Not used	
41		Not used	
42	A	Speed sensor n-ab (+)	Transmission valve unit
43		Not used	
44	E	Speed sensor n-turbine	Transmission valve unit
45	E	E-program indication	Program switch
46		Not used	
47		Not used	
48	E	Brake switch test signal	Brake light switch
49		Not used	
50		Not used	
51		Not used	
52	A	Voltage supply	Shift-lock
53	A	Voltage supply for solenoid valves	Transmission valve unit
54	E	Voltage supply	DME relay
55		Not used	
56		Not used	
57	E	Cruise control signal	Cruise control module
58		Not used	
59		Not used	
60	E	Programming voltage	Data link connector
61		Not used	
62		Not used	

E = Input, A = Output, M = Ground

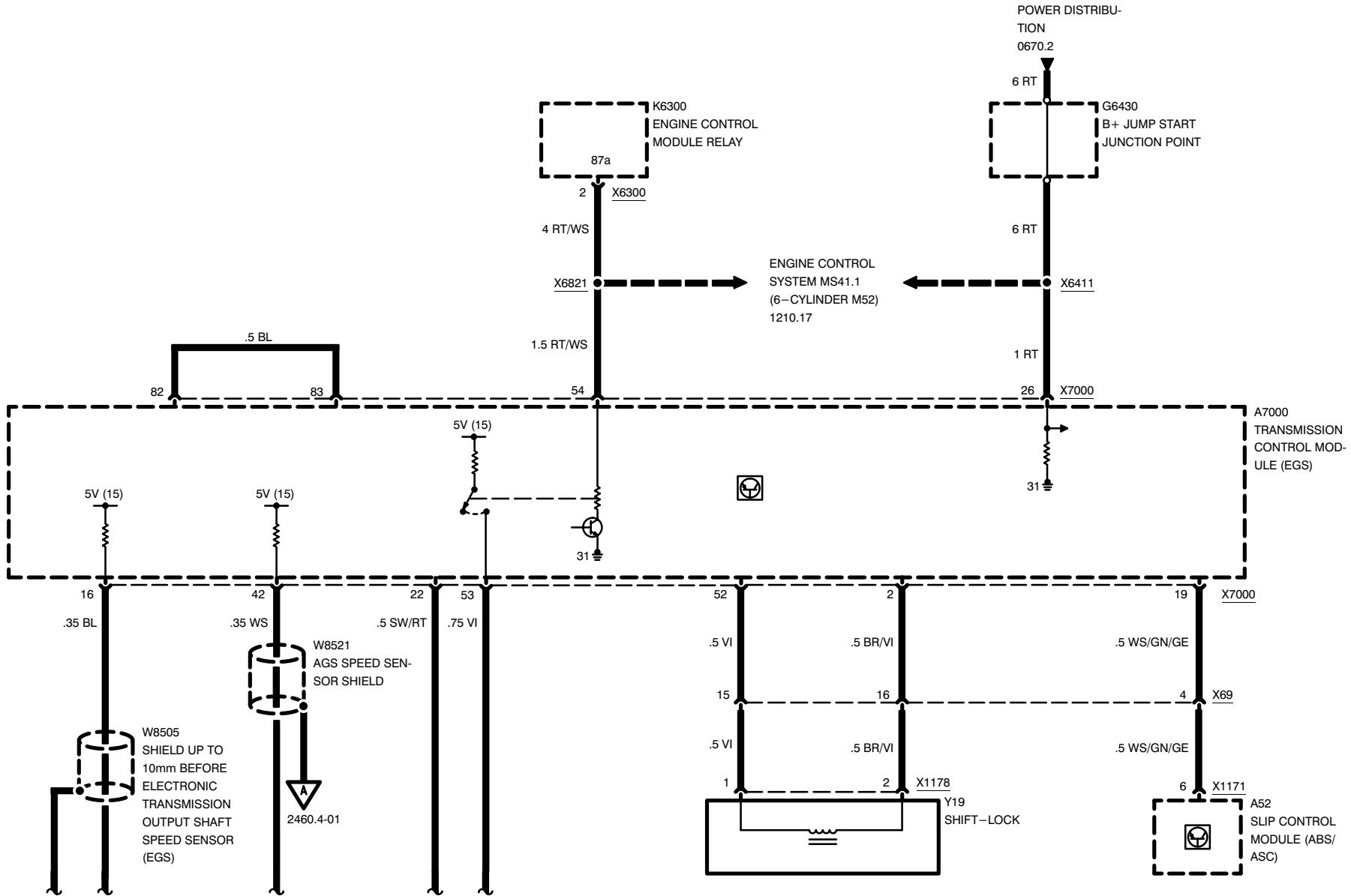


## Pin Assignments

Pin	Type	Description/Function	Connection
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	Jumper plug	
83	E/A	Jumper plug	
84		Not used	
85	E/A	CAN LOW	Engine control module
86	E/A	CAN HIGH	Engine control module
87		Not used	
88	E/A	TxD diagnostic data link	Data link connector

E = Input, A = Output, M = Ground

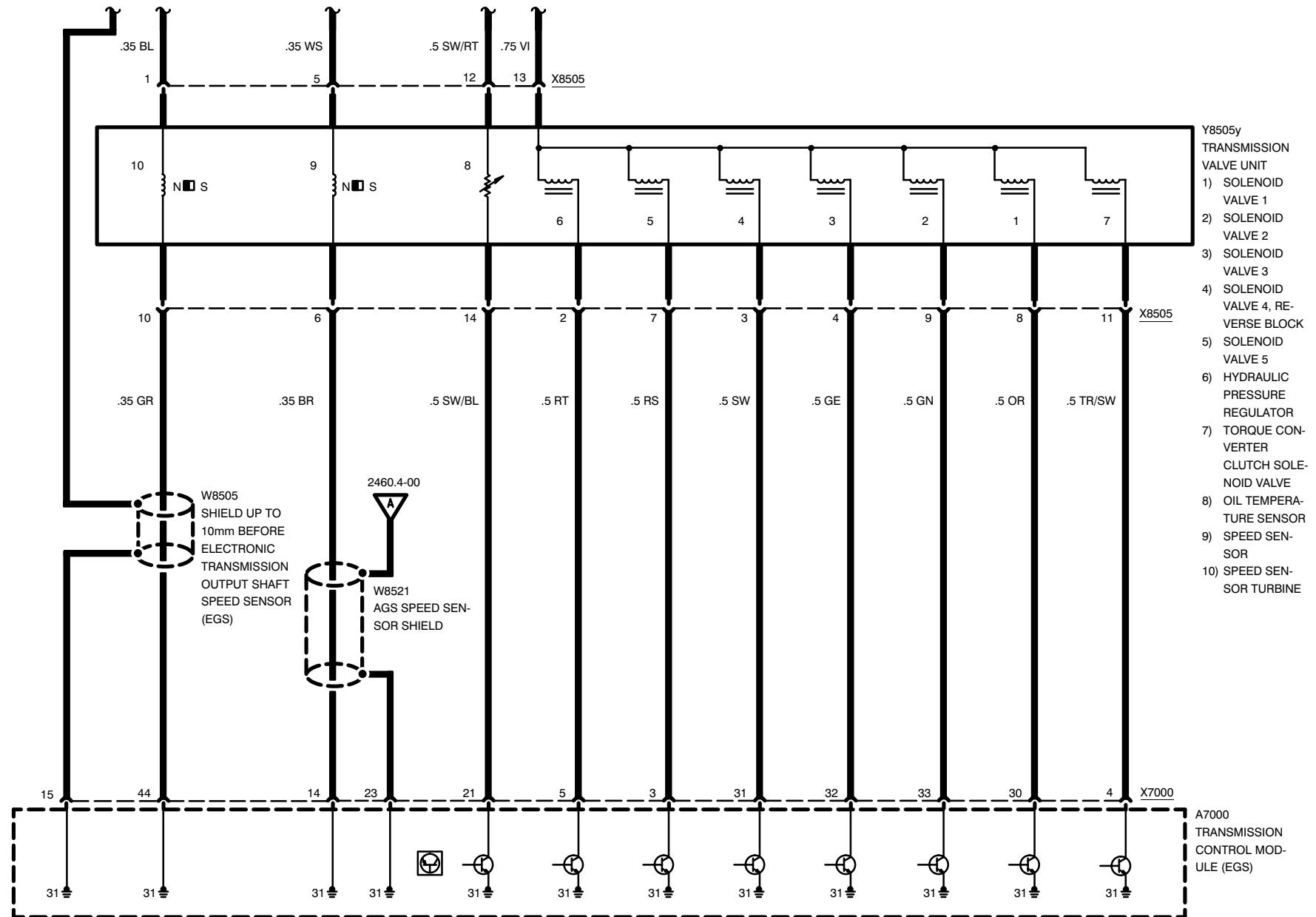
## ELECTRONIC TRANSMISSION CONTROL (EGS A5S 310Z)



03/98

2460.4-01

1997

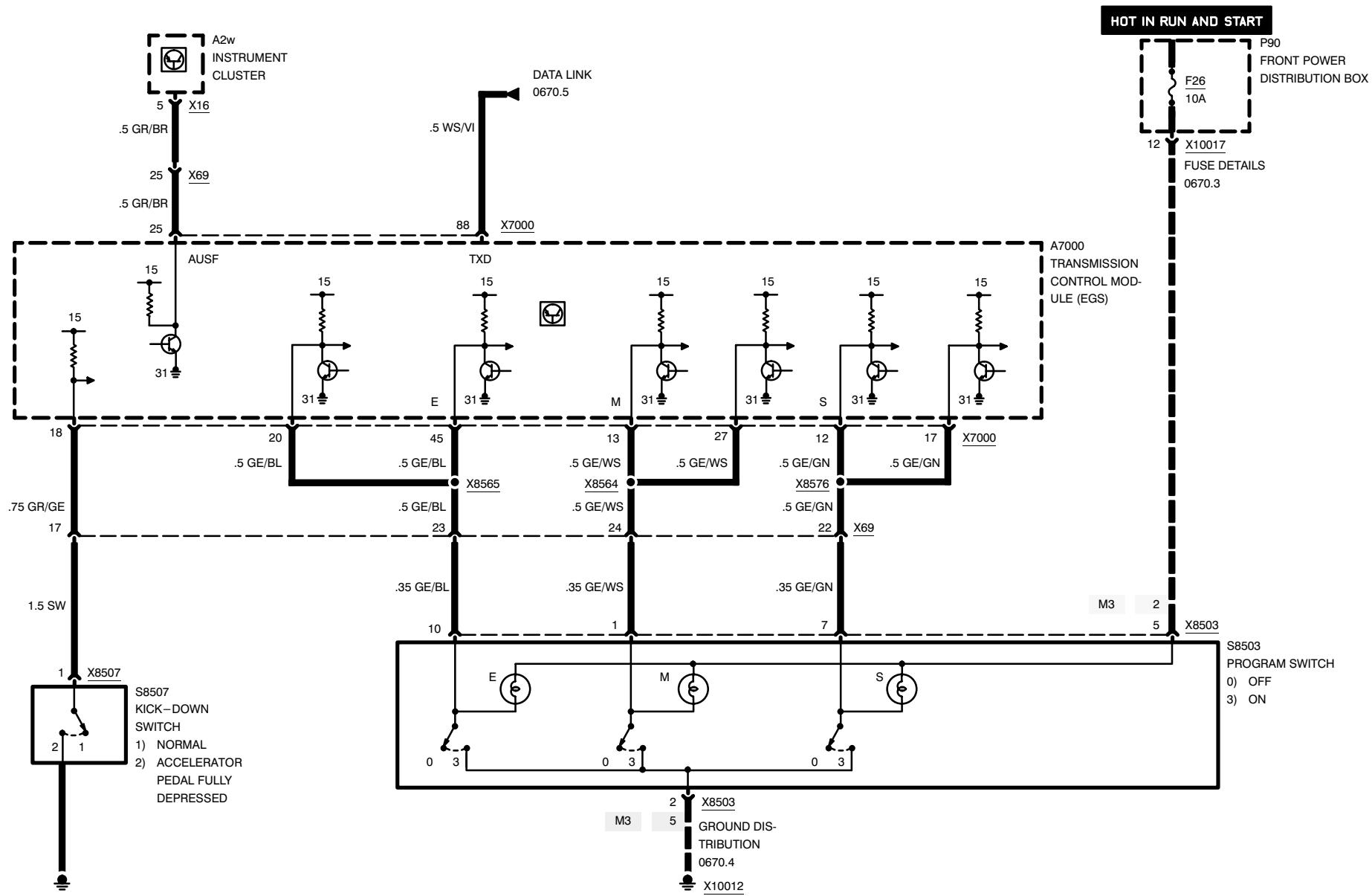


# ELECTRONIC TRANSMISSION CONTROL (EGS A5S 310Z)

03/98

2460.4-02

1997

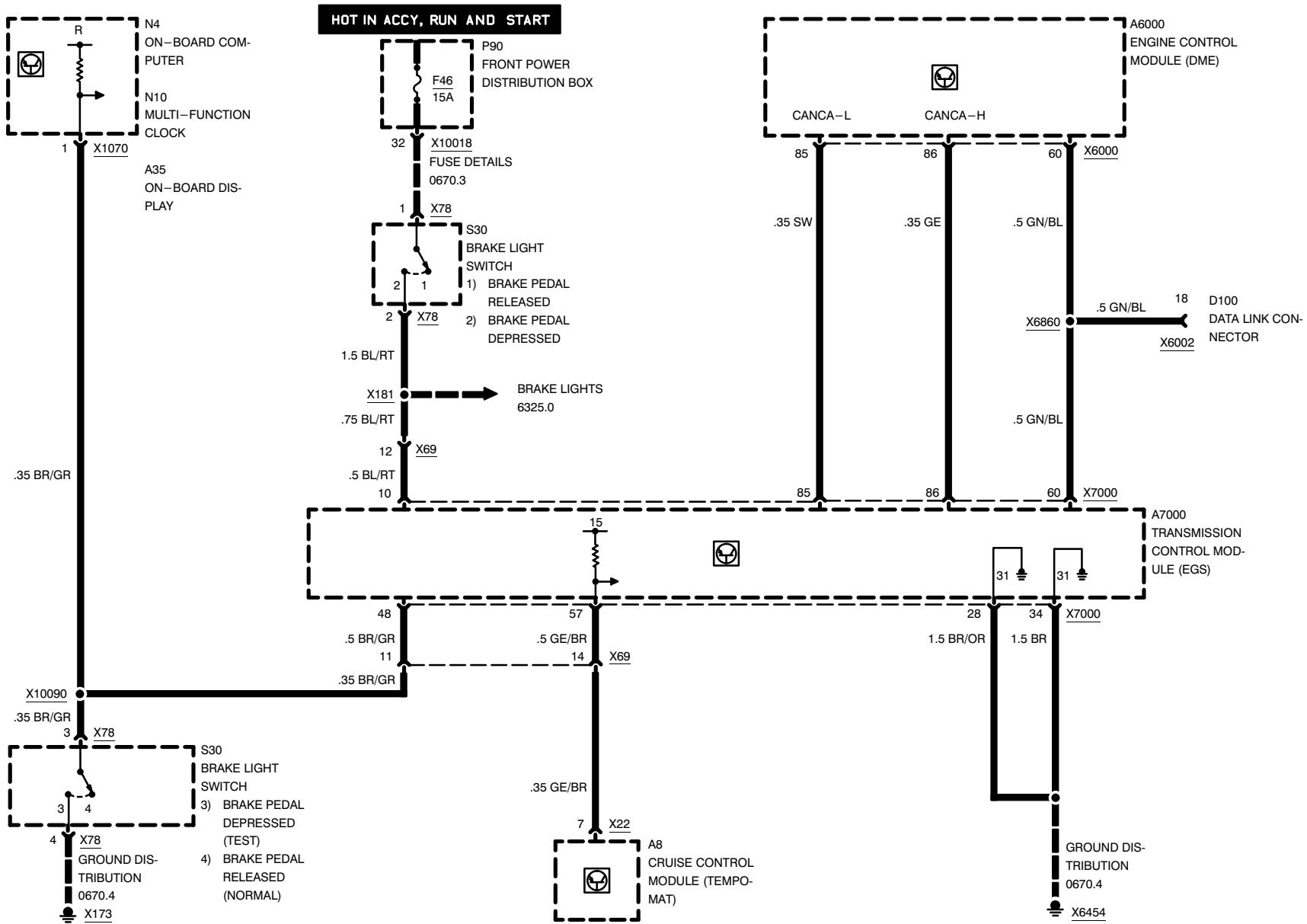


# ELECTRONIC TRANSMISSION CONTROL (EGS A5S 310Z)

03/98

2460.4-03

1997

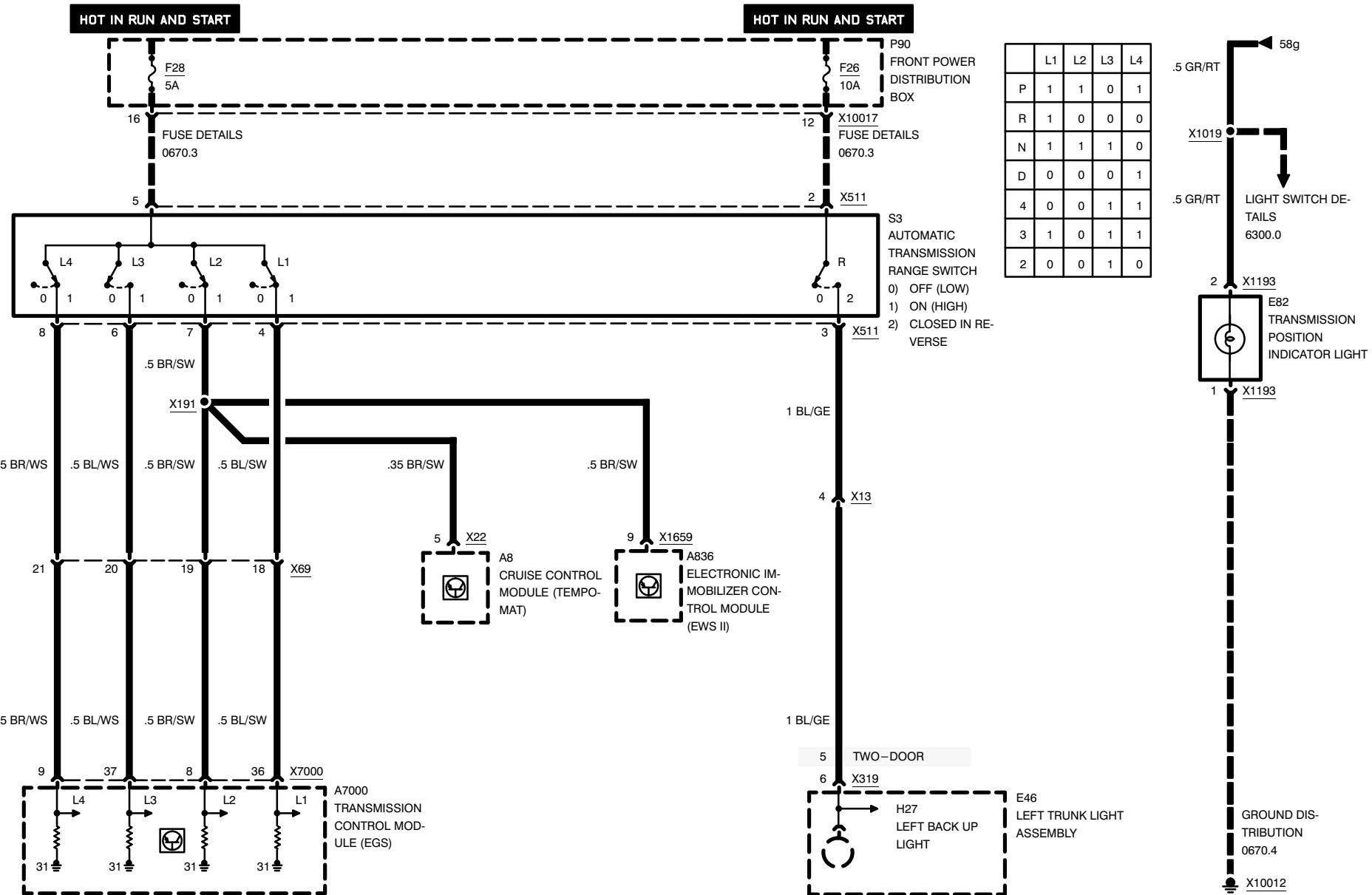


## ELECTRONIC TRANSMISSION CONTROL (EGS A5S 310Z)

03/98

2460.4-04

1997





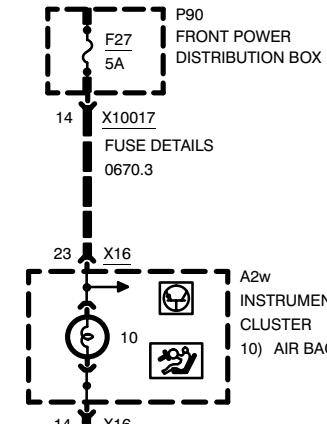
## SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

03/98

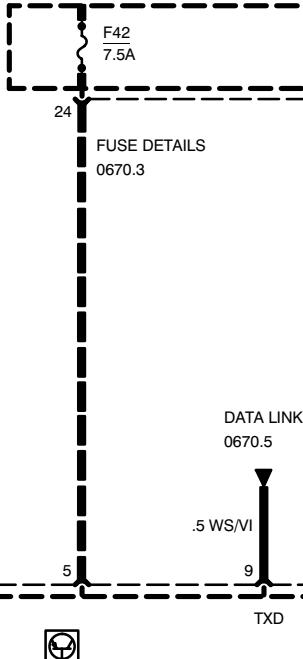
3234.0-00

1997

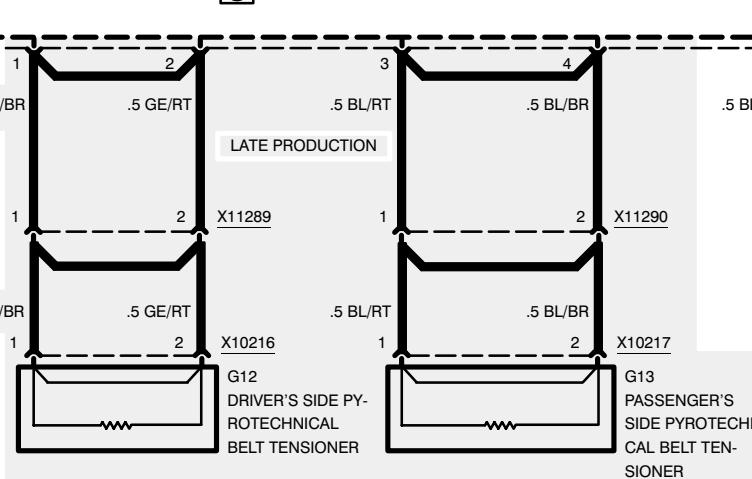
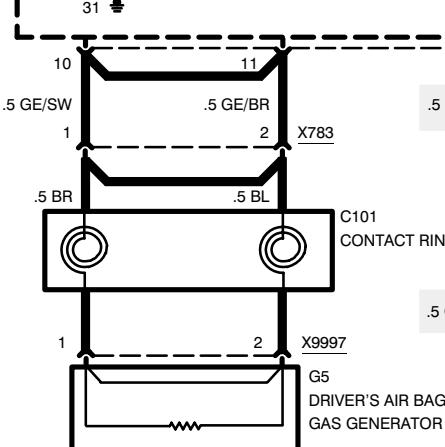
HOT IN RUN AND START



HOT IN ACCY, RUN AND START



HOT IN ACCY, RUN AND START

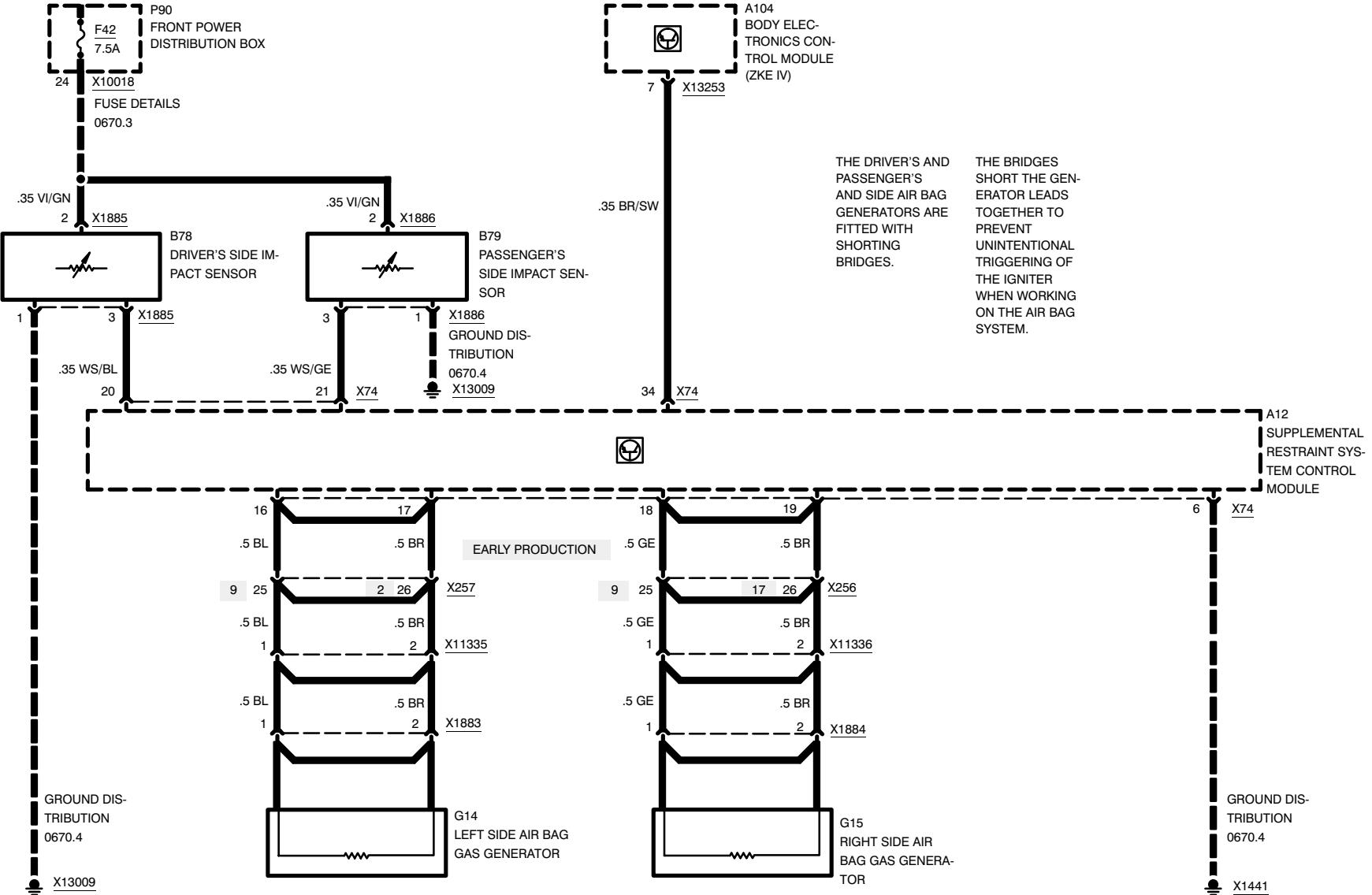


**SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)**

03/98

3234.0-01

1997

**HOT IN RUN AND START**



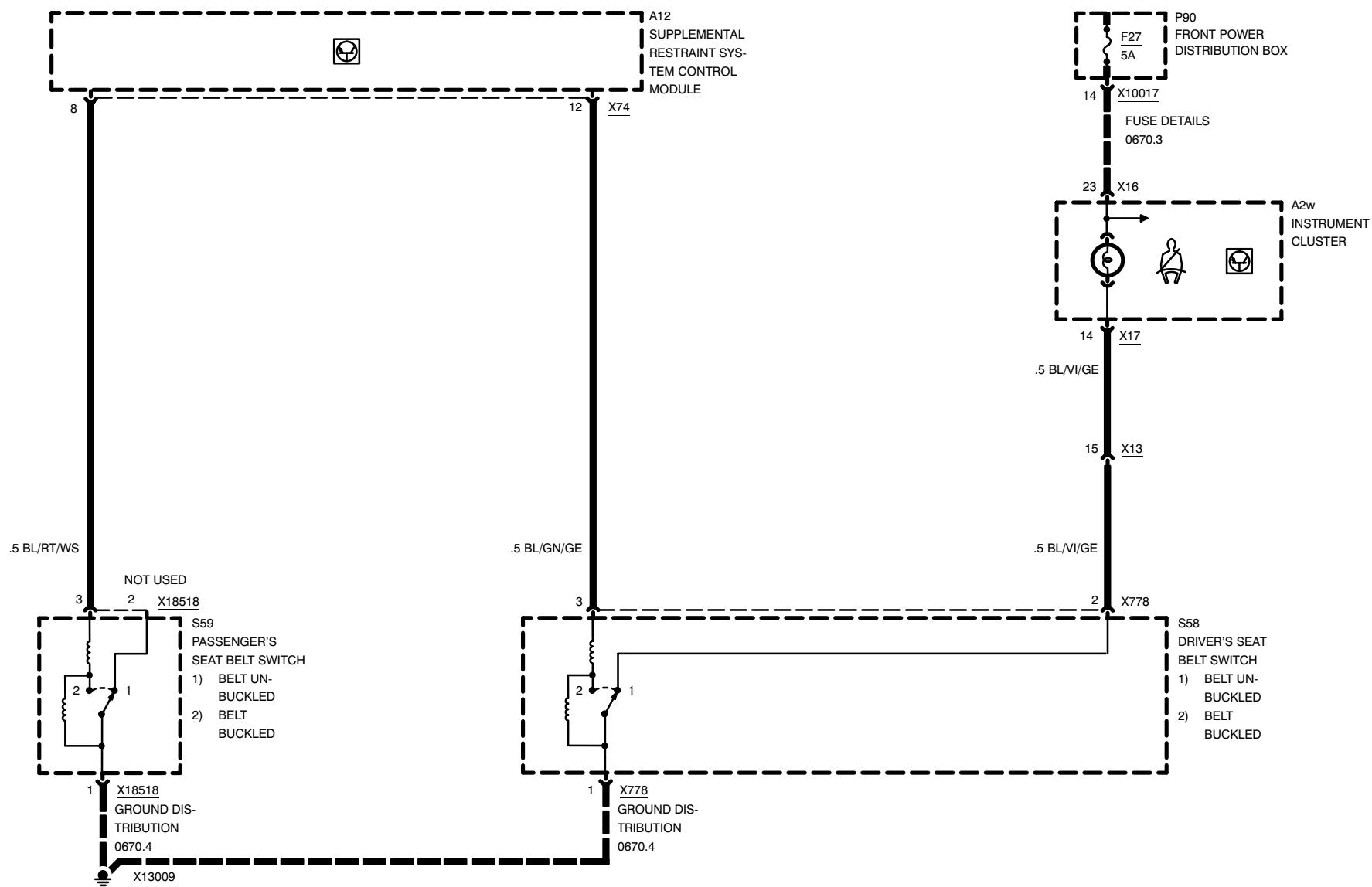
## SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

EARLY PRODUCTION

03/98

3234.0-02

1997





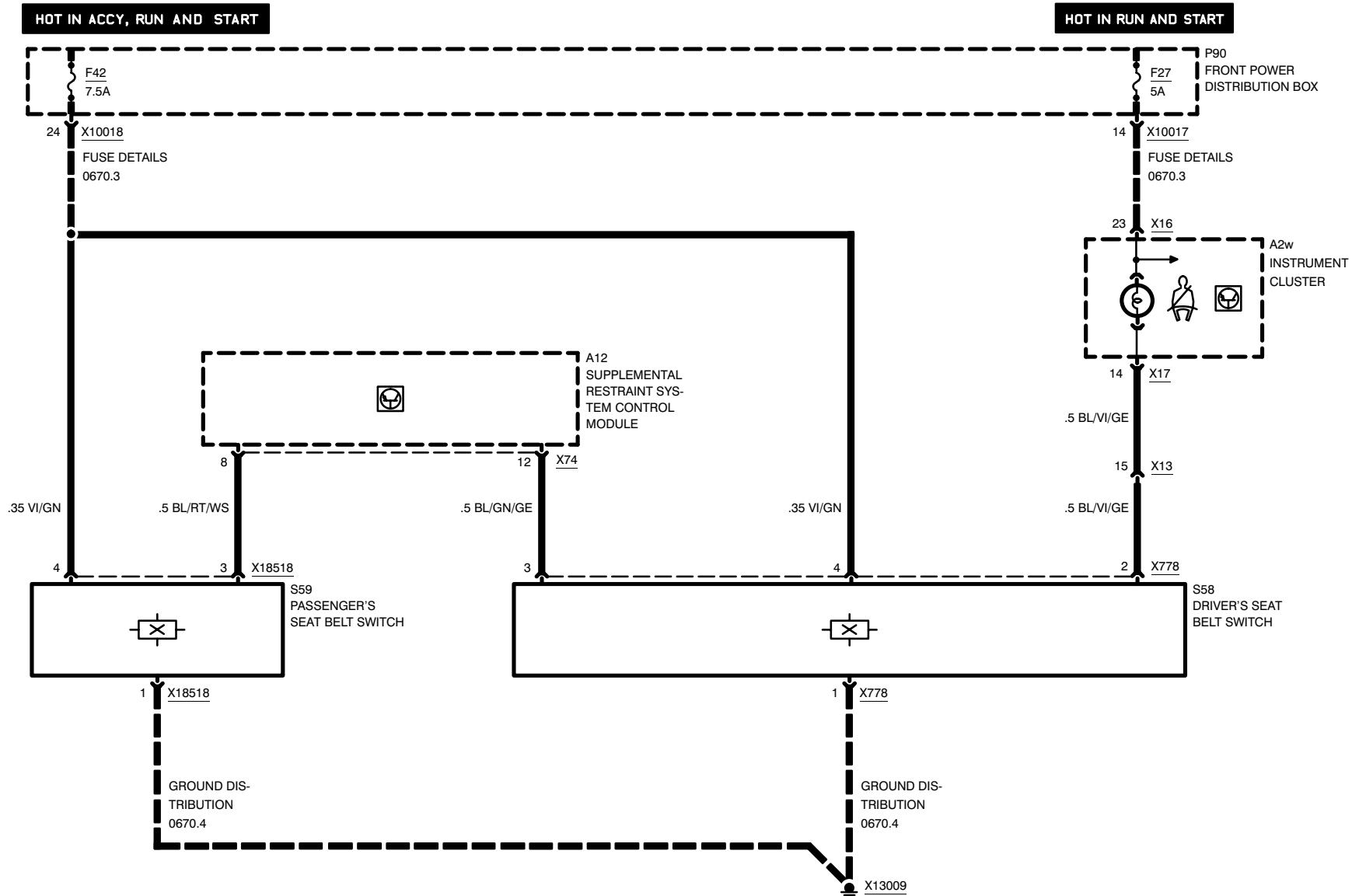
## SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

LATE PRODUCTION

03/98

3234.0-03

1997

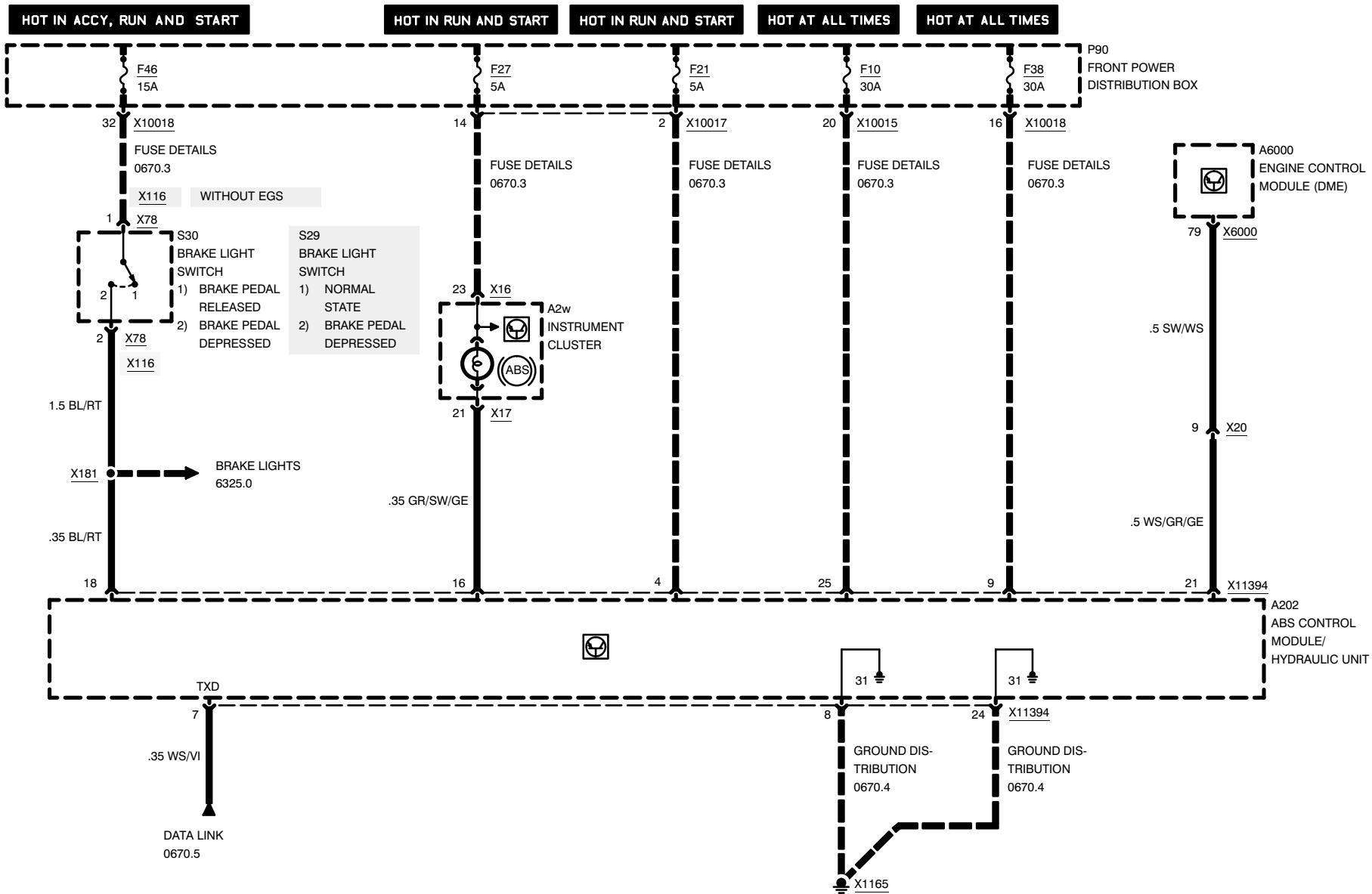


# SLIP CONTROL (ABS)

03/98

3450.0-00

1997

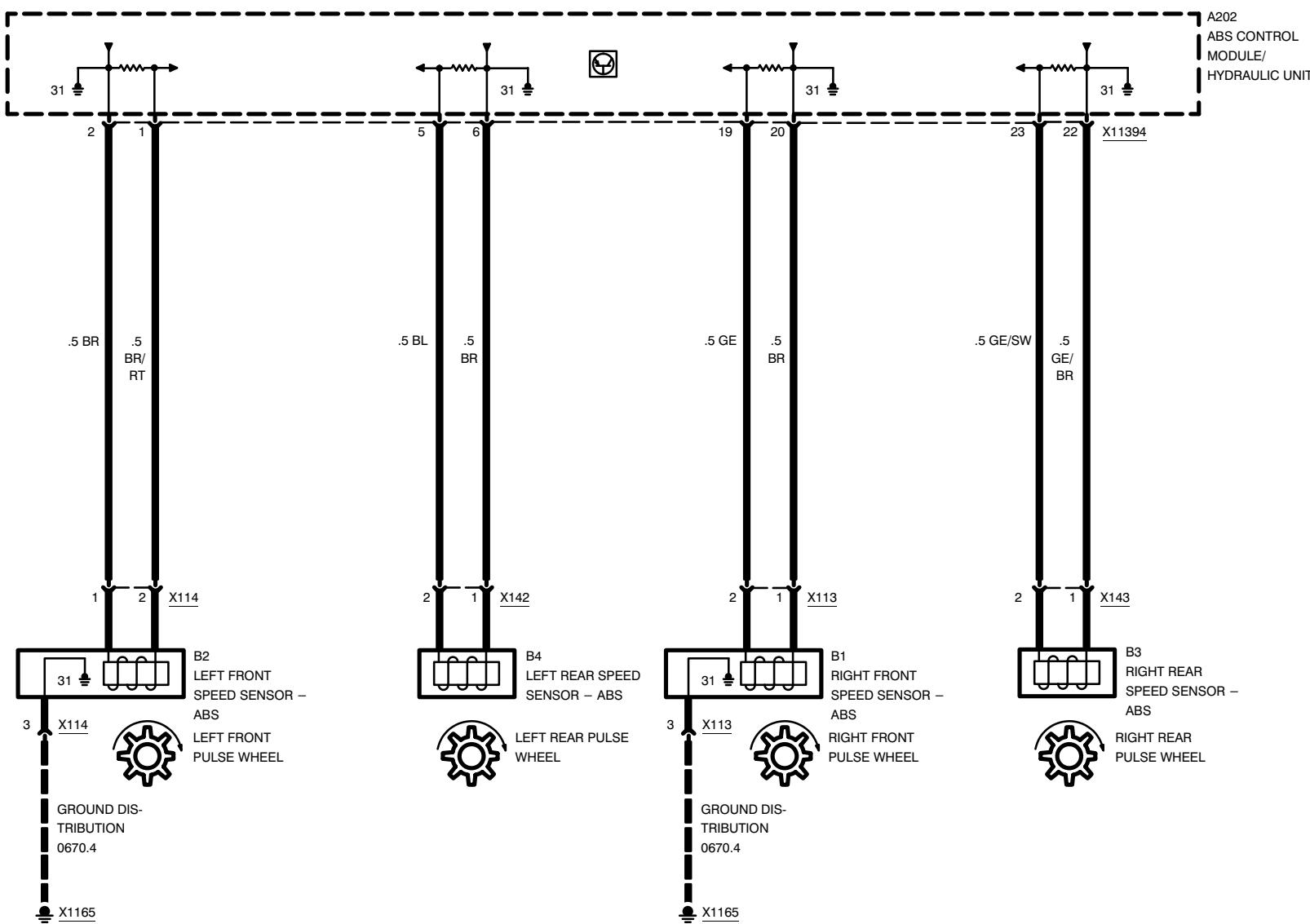


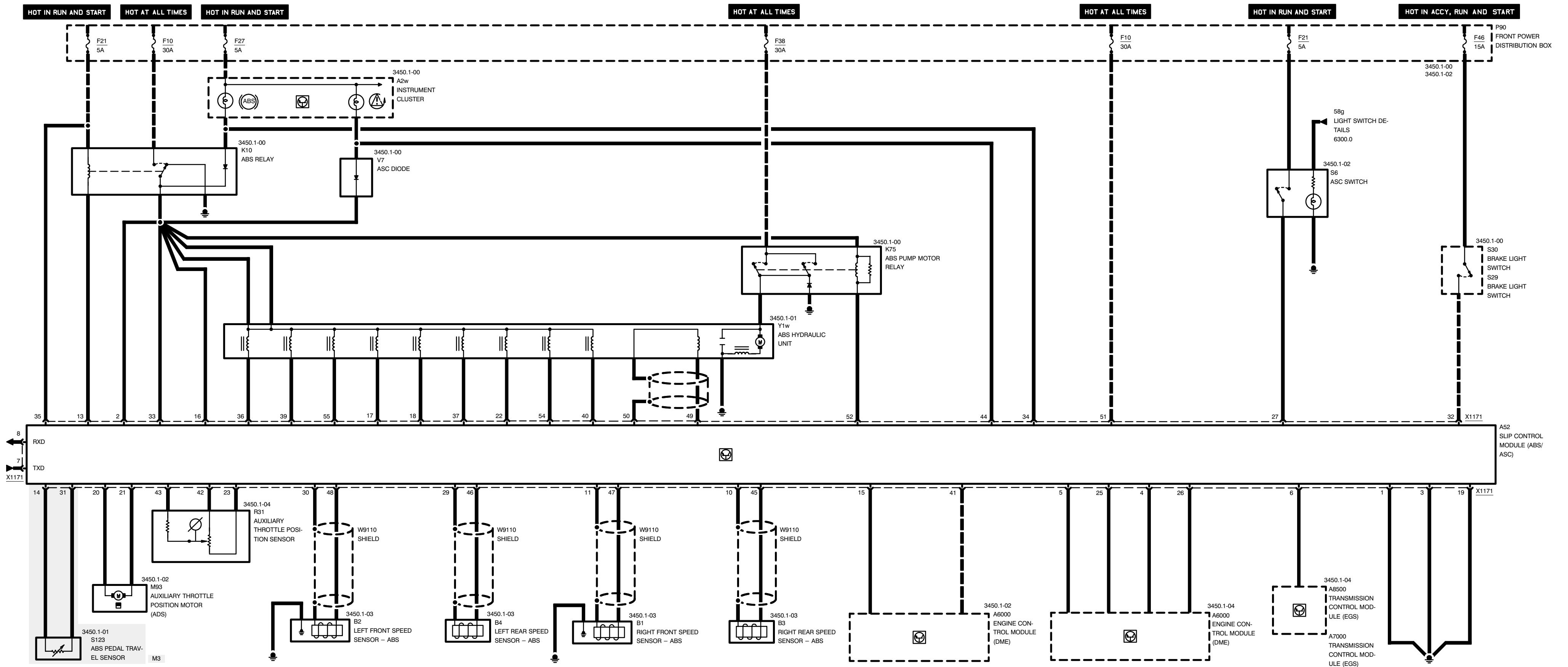
# SLIP CONTROL (ABS)

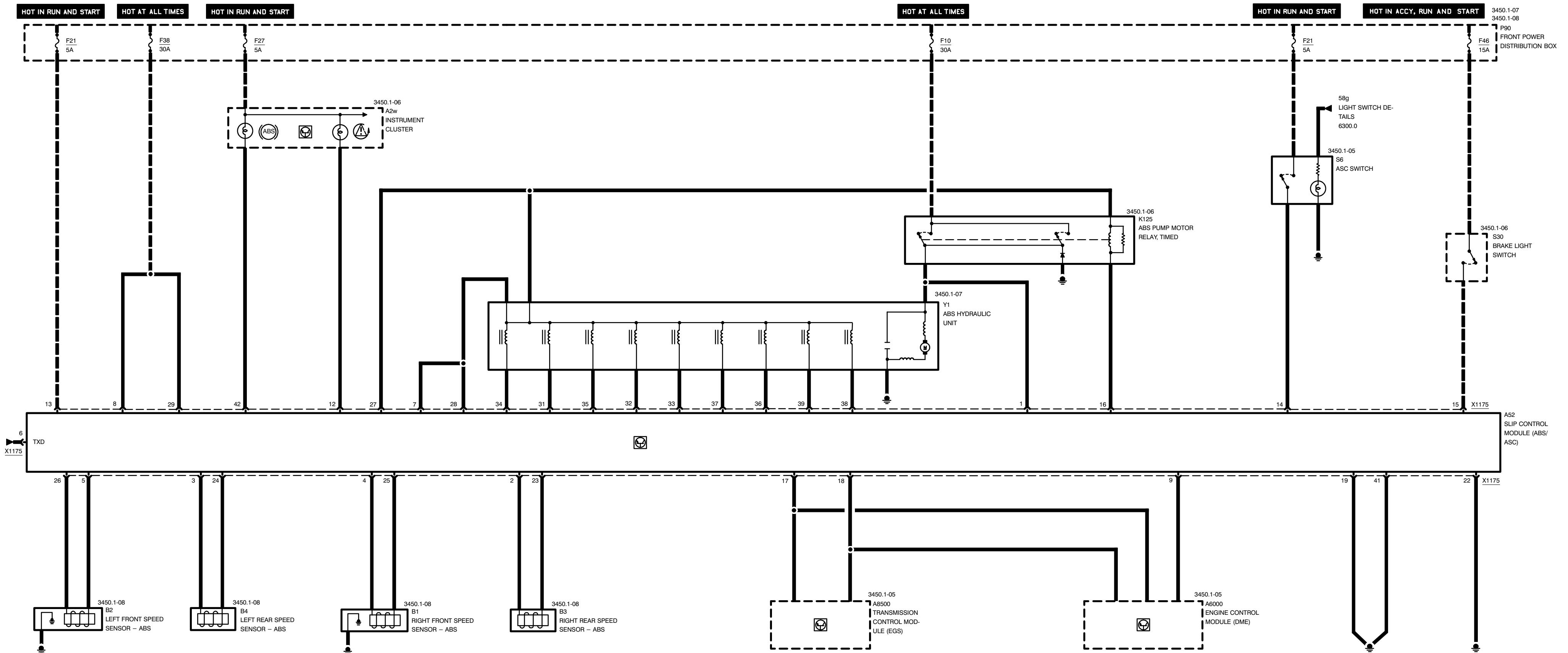
03/03

3450.0-01

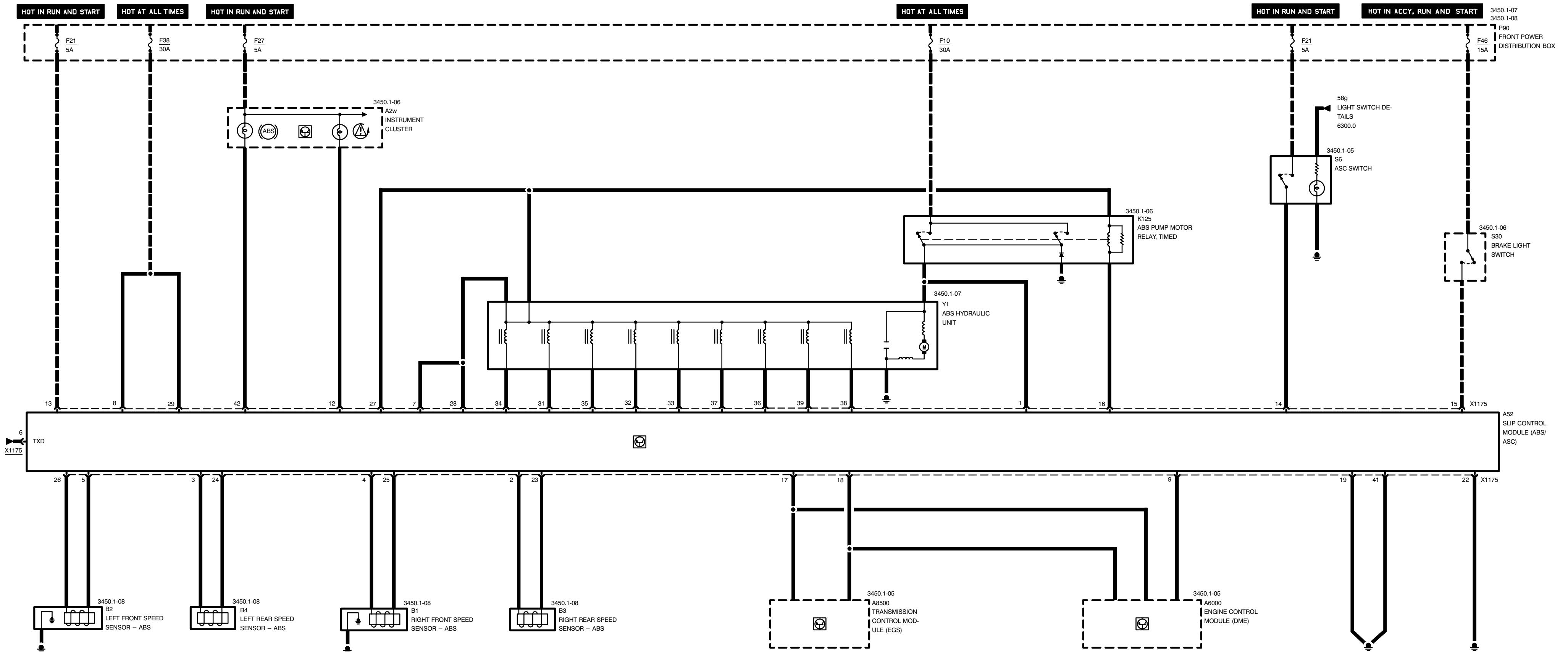
1997

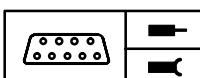




**318is EARLY PRODUCTION**

318is LATE PRODUCTION



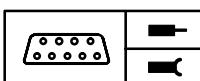


## Pin Assignments (328i, M3)

### X1171

Pin	Type	Description/Function	Connection
1	M	Ground	Ground
2	E	Battery voltage	ABS relay
3	M	Ground, module	Ground
4	E	Ignition cut-off signal	DME module
5	A	EML signal	DME module
6	A	Transmission influence	Transmission control module
7	E/A	TxD signal	Diagnostic link
8	A	RxD signal	Diagnostic link
9		Not used	
10	A	Sensor ground	ABS speed sensor rear right
11	A	Sensor ground	ABS speed sensor front right
12		Not used	
13	A	ABS power protection relay	ABS power protection relay
14	E	Pedal travel sensor	Pedal travel sensor (M3)
15	A	Right rear speed signal	DME module
16	E	Plus supply	ABS relay
17	A	Solenoid valve signal left rear inlet	ABS hydraulic unit
18	A	Solenoid valve signal left rear outlet	ABS hydraulic unit
19	M	Ground	Ground
20	A	ADS step motor (-)	ADS step motor
21	A	ADS step motor (+)	ADS step motor
22	A	Solenoid valve signal right front inlet	ABS hydraulic unit
23	E	ASC throttle flap potentiometer (-)	ASC throttle flap motor potentiometer
24		Not used	
25	E	Signal idle speed	DME module
26	A	Throttle flap position	DME module
27	E	ASC switch signal	ASC switch
28		Not used	
29	A	Sensor ground	ABS speed sensor rear left
30	A	Sensor ground	ABS speed sensor front left

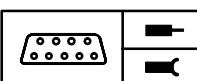
E = Input, A = Output, M = Ground



## Pin Assignments (328i, M3)

Pin	Type	Description/Function	Connection
31	E	Pedal travel sensor	Pedal travel sensor (M3)
32	E	Brake signal	Brake light switch
33	E	Plus supply	ABS relay
34	A	ABS lamp control	Instrument cluster
35	E	Ignition signal	Fuse 21
36	A	Separator valve	ABS hydraulic unit
37	A	Solenoid valve signal right front outlet	ABS hydraulic unit
38		Not used	
39	A	Right rear inlet valve	ABS hydraulic unit
40	A	Solenoid valve signal left front inlet	ABS hydraulic unit
41	E	Speed signal	DME module
42	E	ASC throttle flap potentiometer (+)	ASC throttle flap potentiometer
43	E	ASC throttle flap signal	ASC throttle flap potentiometer
44	A	ASC lamp control	Instrument cluster
45	E	Speed sensor signal rear right	Speed sensor rear right
46	E	Speed sensor signal rear left	Speed sensor rear left
47	E	Speed sensor signal front right	Speed sensor front right
48	E	Speed sensor signal front left	Speed sensor front left
49	E	Pump motor sensor signal	ABS hydraulic unit
50	E	Shield pump motor sensor	ABS hydraulic unit
51	E	Plus supply	Front power distribution box
52	A	ABS pump motor relay	ABS pump motor relay
53		Not used	
54	A	Solenoid valve signal left front outlet	ABS hydraulic unit
55	A	Right rear outlet valve	ABS hydraulic unit

E = Input, A = Output, M = Ground

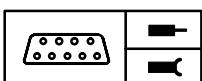


## Pin Assignments (318is Early Production)

### X1175

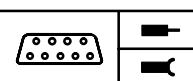
Pin	Type	Description/Function	Connection
1	E	Signal pump motor	ABS pump motor relay
2	A	Sensor ground	Right rear speed sensor (ABS)
3	A	Sensor ground	Left rear speed sensor (ABS)
4	A	Sensor ground	Right front speed sensor (ABS)
5	A	Sensor ground	Left front speed sensor (ABS)
6	E/A	TxD diagnostic data link	Data link connector
7	A	ABS signal	ABS hydraulic unit
8	E	Voltage supply	Fuse 38
9	A	Speed signal right rear	DME module
10		Not used	
11		Not used	
12	A	ASC signal	Instrument cluster
13	E	Voltage supply	Fuse 21
14	E	ASC signal	ASC switch
15	E	Brake pedal position	Brake light switch
16	A	Activate relay	ABS pump motor relay
17	E/A	CAN HIGH	DME/EGS module
18	E/A	CAN LOW	DME/EGS module
19	M	Ground	Ground point
20		Not used	
21		Not used	
22	M	Ground	Ground point
23	E	Speed signal	Right rear speed sensor (ABS)
24	E	Speed signal	Left rear speed sensor (ABS)
25	E	Speed signal	Right front speed sensor (ABS)
26	E	Speed signal	Left front speed sensor (ABS)
27	A	ABS signal	ABS pump motor relay/Hydraulic unit
28	A	ABS signal	ABS hydraulic unit
29	E	Voltage supply	Fuse 38
30		Not used	

E = Input, A = Output, M = Ground

**Pin Assignments (318is Early Production)**

Pin	Type	Description/Function	Connection
31	A	Seperator valve	ABS hydraulic unit
32	A	Left rear inlet valve	ABS hydraulic unit
33	A	Left rear outlet valve	ABS hydraulic unit
34	A	Right rear inlet valve	ABS hydraulic unit
35	A	Right rear outlet valve	ABS hydraulic unit
36	A	Left front outlet valve	ABS hydraulic unit
37	A	Right front outlet valve	ABS hydraulic unit
38	A	Left front inlet valve	ABS hydraulic unit
39	A	Right front inlet valve	ABS hydraulic unit
40		Not used	
41	M	Ground	Ground point
42	A	ABS signal	Instrument cluster

E = Input, A = Output, M = Ground

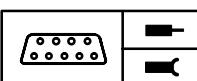


## Pin Assignments (318is Late Production)

### X1170

Pin	Type	Description/Function	Connection
43	A	Right rear inlet valve	ABS hydraulic unit
44	A	Separator valve	ABS hydraulic unit
45	M	Ground	Ground point
46	E	Voltage supply	Fuse 21
47		Not used	
48	E/A	CAN LOW	DME/EGS module
49	E/A	CAN HIGH	DME/EGS module
50	E	ASC throttle flap signal	Accelerator pedal position sensor
51	E	ASC throttle flap potentiometer (-)	Accelerator pedal position sensor
52		Not used	
53	A	Sensor ground	Left front speed sensor (ABS)
54	A	Sensor ground	Right front speed sensor (ABS)
55	A	Sensor ground	Left rear speed sensor (ABS)
56	A	Sensor ground	Right rear speed sensor (ABS)
57	E	Signal pump motor	ABS pump motor relay
58		Not used	
59	E	Brake pedal position	Brake light switch
60		Not used	
61	M	Ground	Ground point
62		Not used	
63		Not used	
64	A	Left front outlet valve	ABS hydraulic unit
65	A	Right rear outlet valve	ABS hydraulic unit
66	A	Left rear inlet valve	ABS hydraulic unit
67	A	Left rear outlet valve	ABS hydraulic unit
68	A	Right front outlet valve	ABS hydraulic unit
69	A	Right front inlet valve	ABS hydraulic unit
70	A	Activate relay	ABS pump motor relay
71	A	Left front inlet valve	ABS hydraulic unit
72	E	ASC throttle flap potentiometer (+)	Accelerator pedal position sensor

E = Input, A = Output, M = Ground



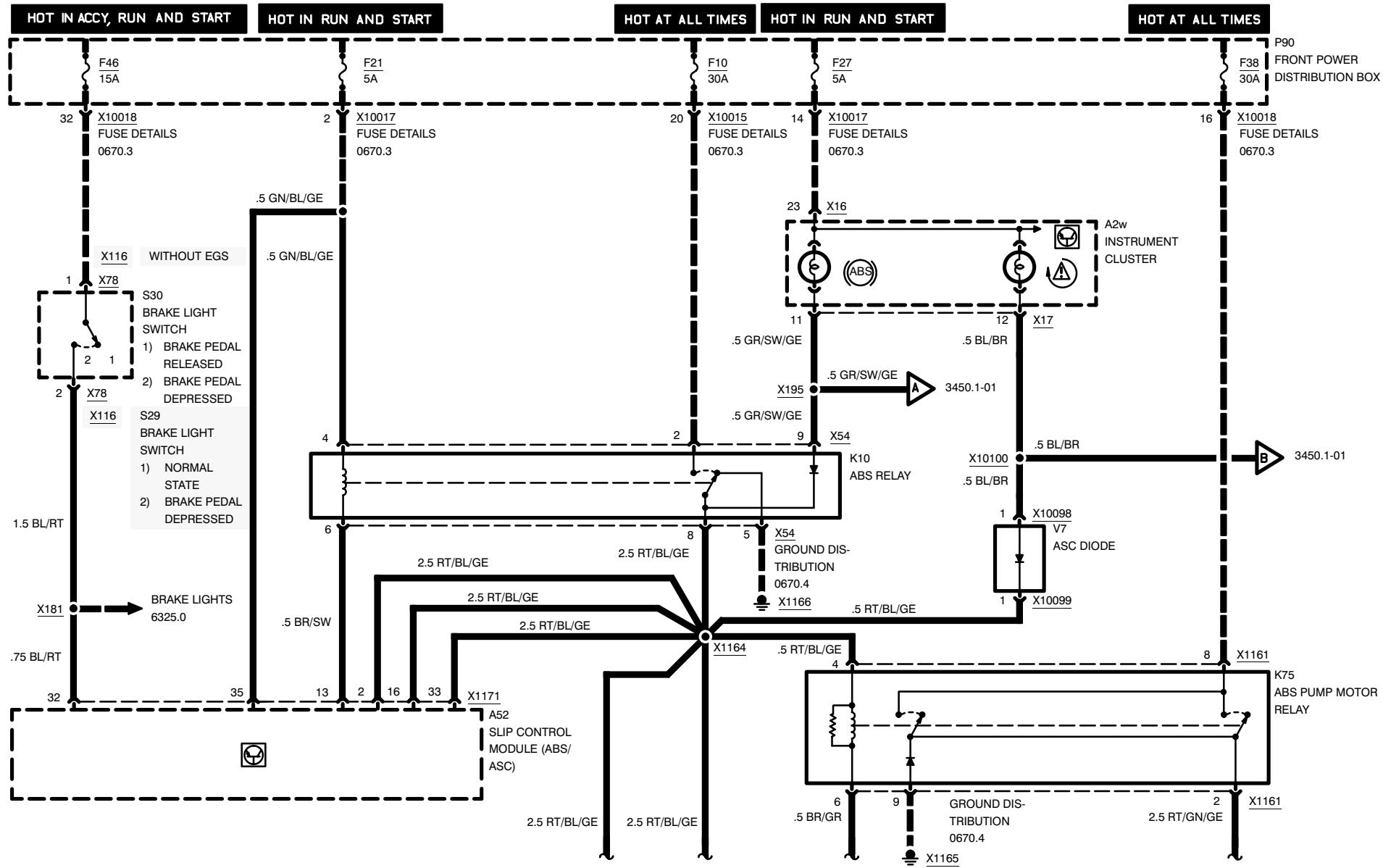
## Pin Assignments (318is Late Production)

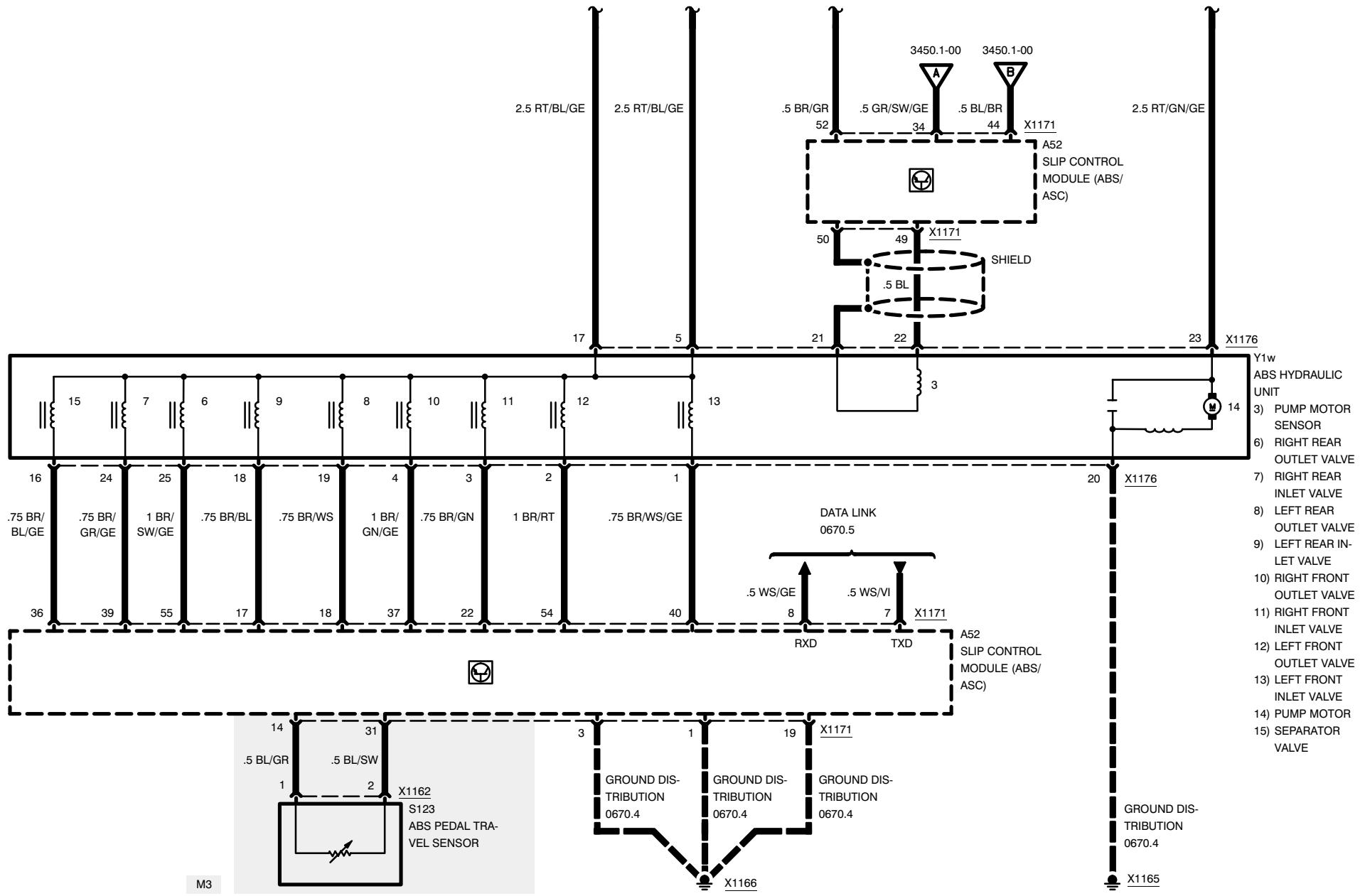
Pin	Type	Description/Function	Connection
73	A	ABS signal	ABS pump motor relay/Hydraulic unit
74	E	Speed signal	Left front speed sensor (ABS)
75	E	Speed signal	Right front speed sensor (ABS)
76	E	Speed signal	Left rear speed sensor (ABS)
77	E	Speed signal	Right rear speed sensor (ABS)
78	E/A	TxD diagnostic data link	Data link connector
79	A	Speed signal right rear	DME module
80		Not used	
81	E	ASC signal	ASC switch
82	E	Slip control system warning lamp	Slip control module (ASC)
83	M	Ground	Ground point
84	A	ASC signal	Instrument cluster

## X11395

Pin	Type	Description/Function	Connection
1	A	ADS step motor (+)	ADS step motor
2	M	Ground	Ground point
3	A	ADS step motor (-)	ADS step motor
4	E	Voltage supply	Fuse 38
5	A	ABS signal	ABS hydraulic unit

E = Input, A = Output, M = Ground







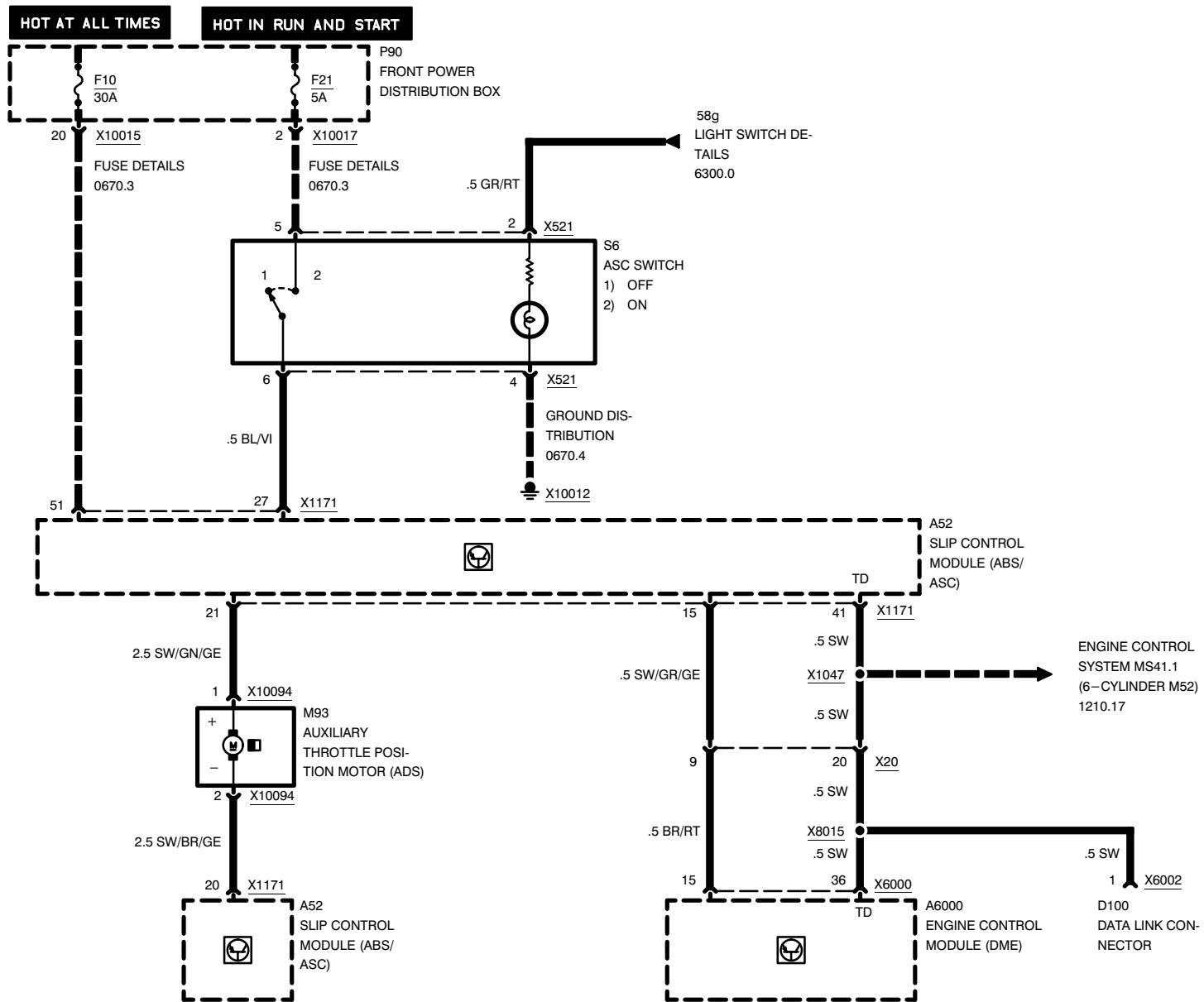
## **SLIP CONTROL (ABS/ASC)**

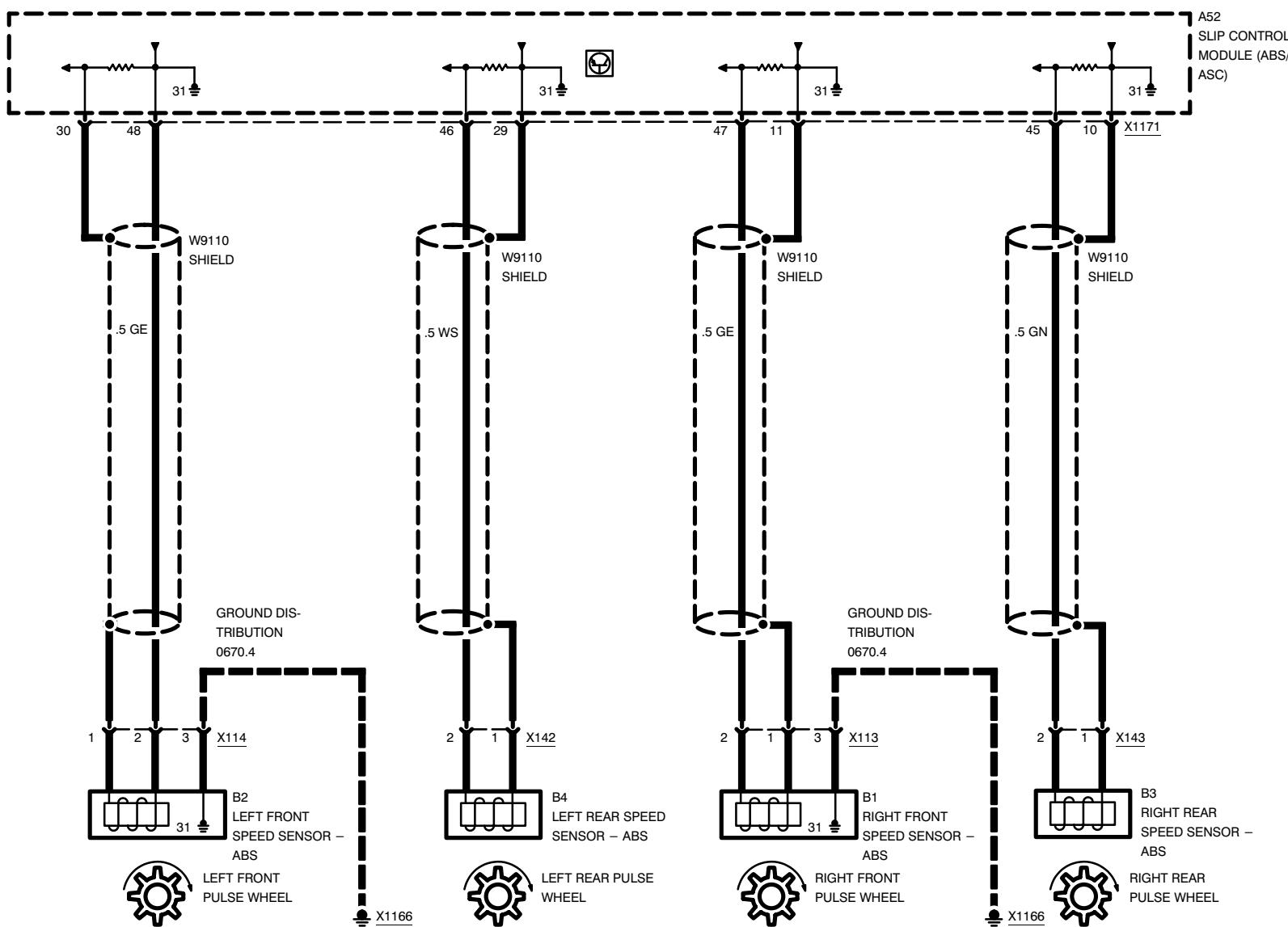
328i, M3

03/98

3450.1-02

466







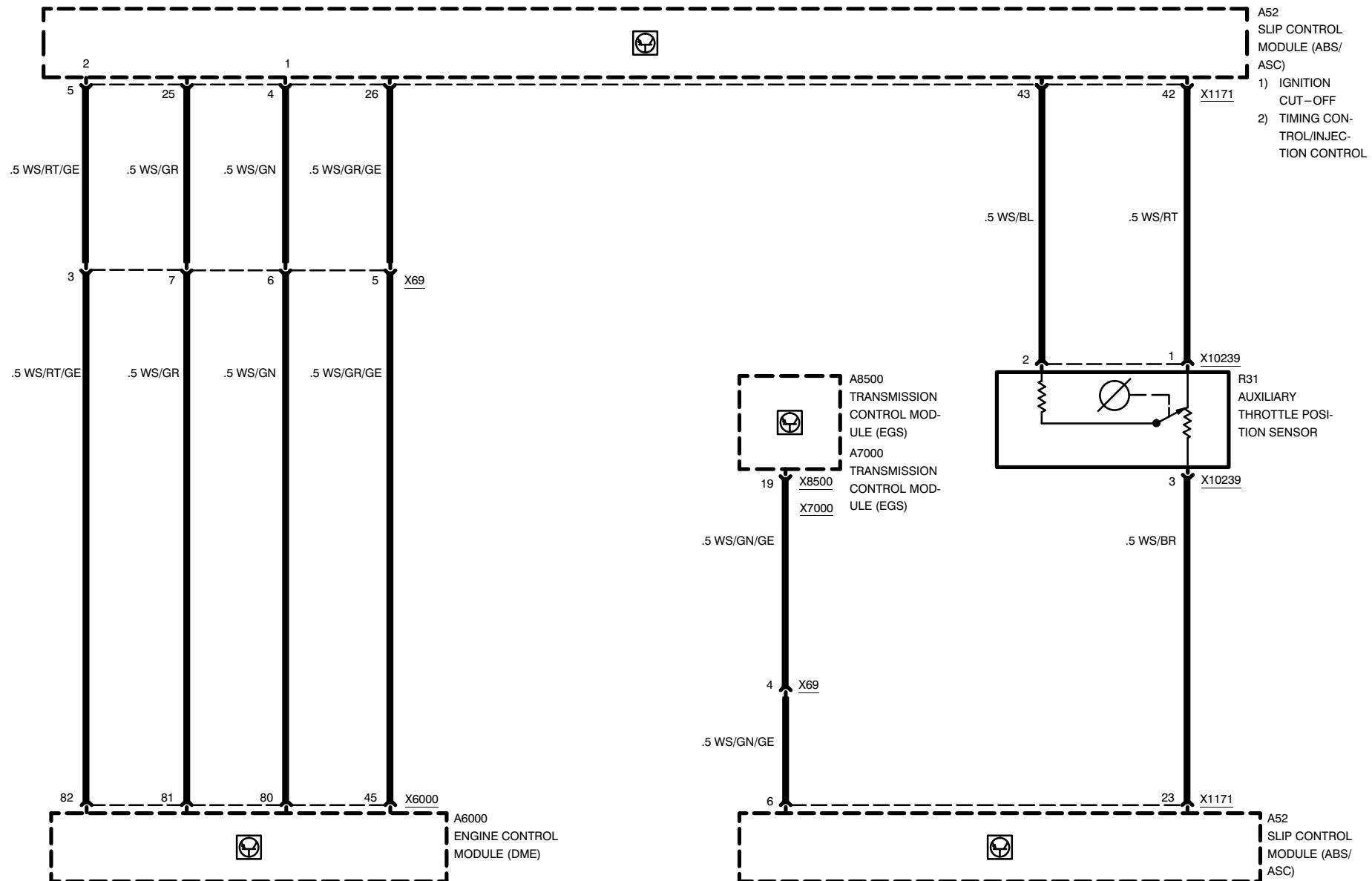
## SLIP CONTROL (ABS/ASC)

328i, M3

03/98

3450.1-04

1997

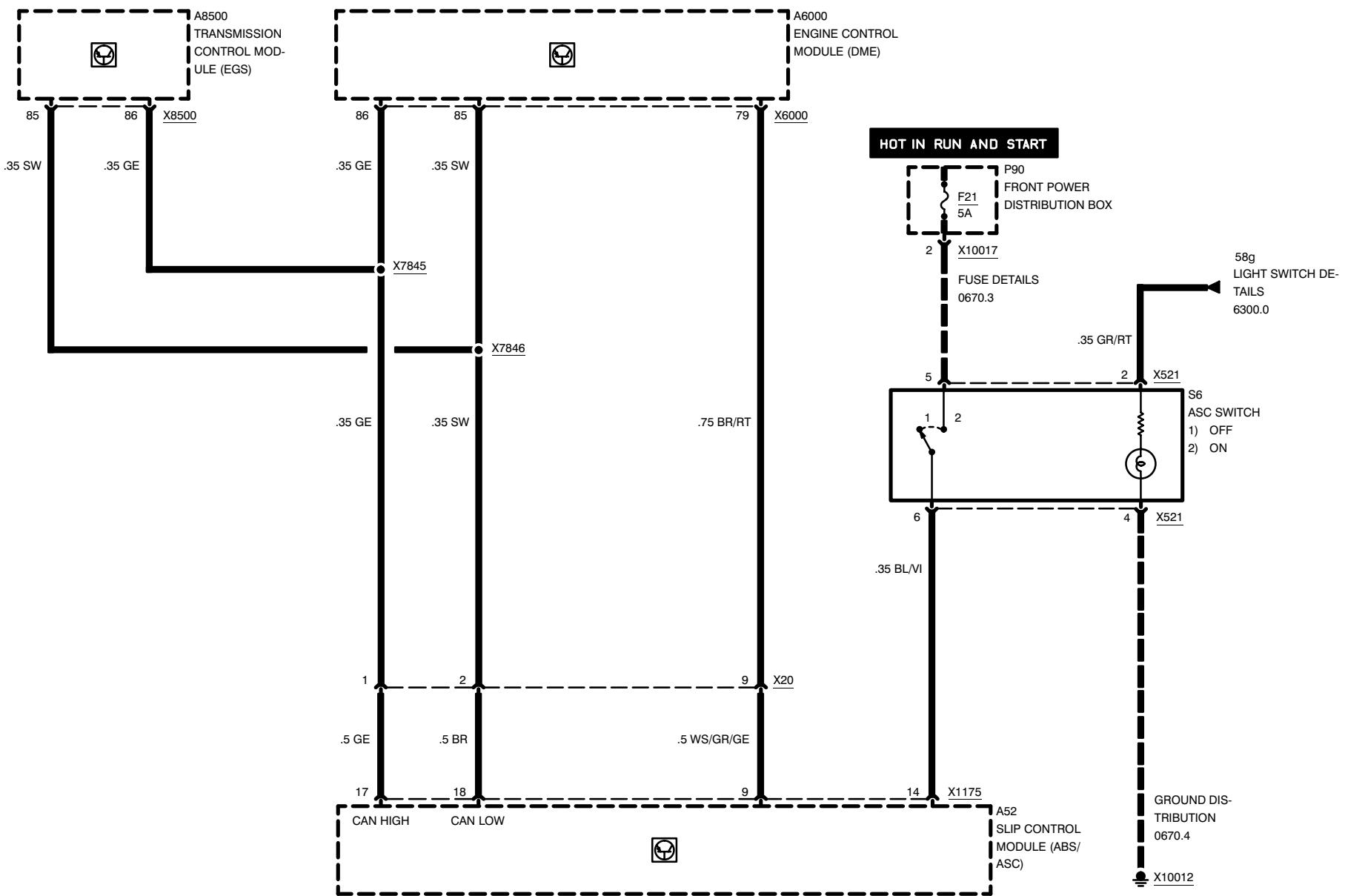


## SLIP CONTROL (ABS/ASC)

318is EARLY PRODUCTION

03/98

3450.1-05 — 1997





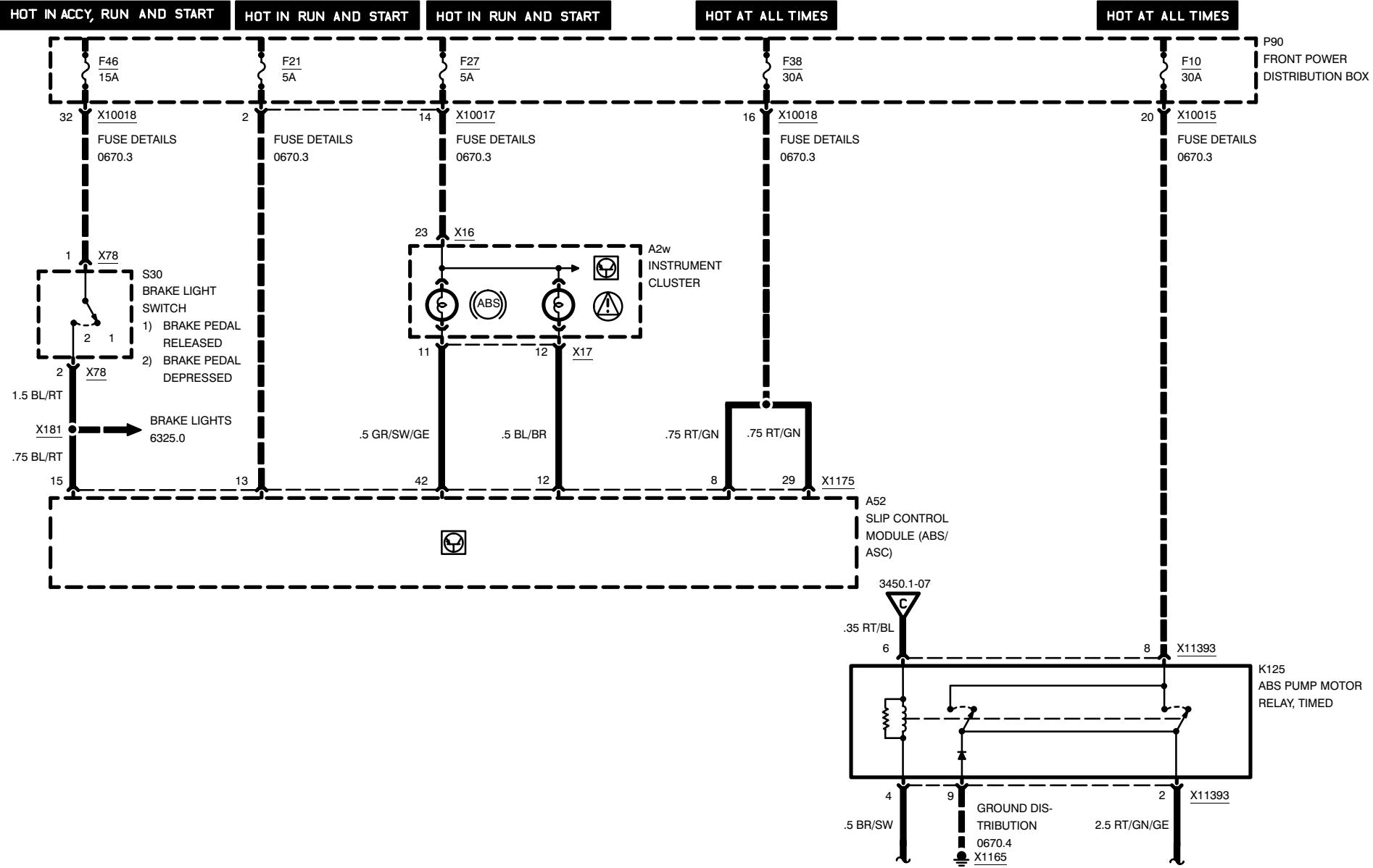
## SLIP CONTROL (ABS/ASC)

318is EARLY PRODUCTION

03/03

3450.1-06

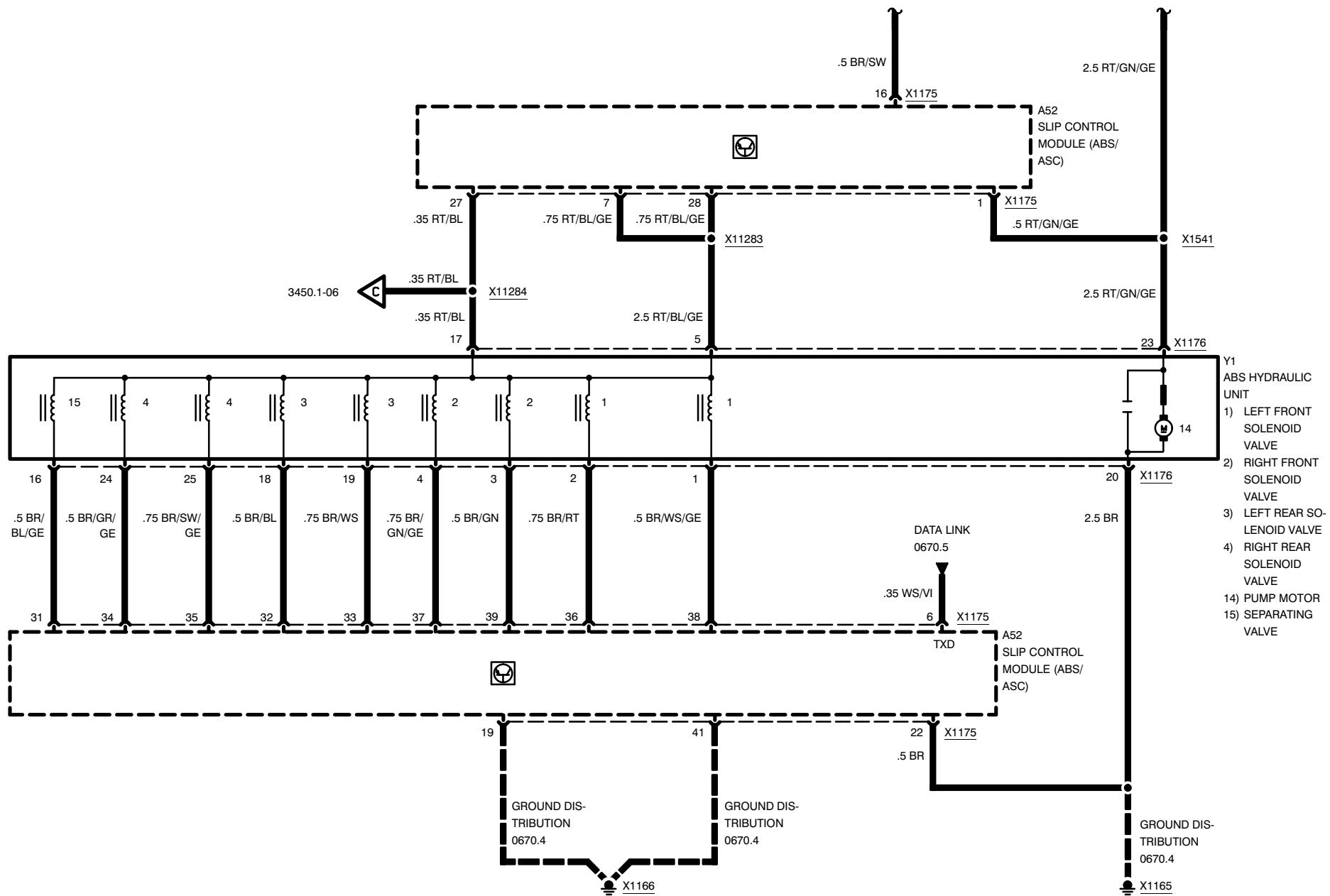
1997

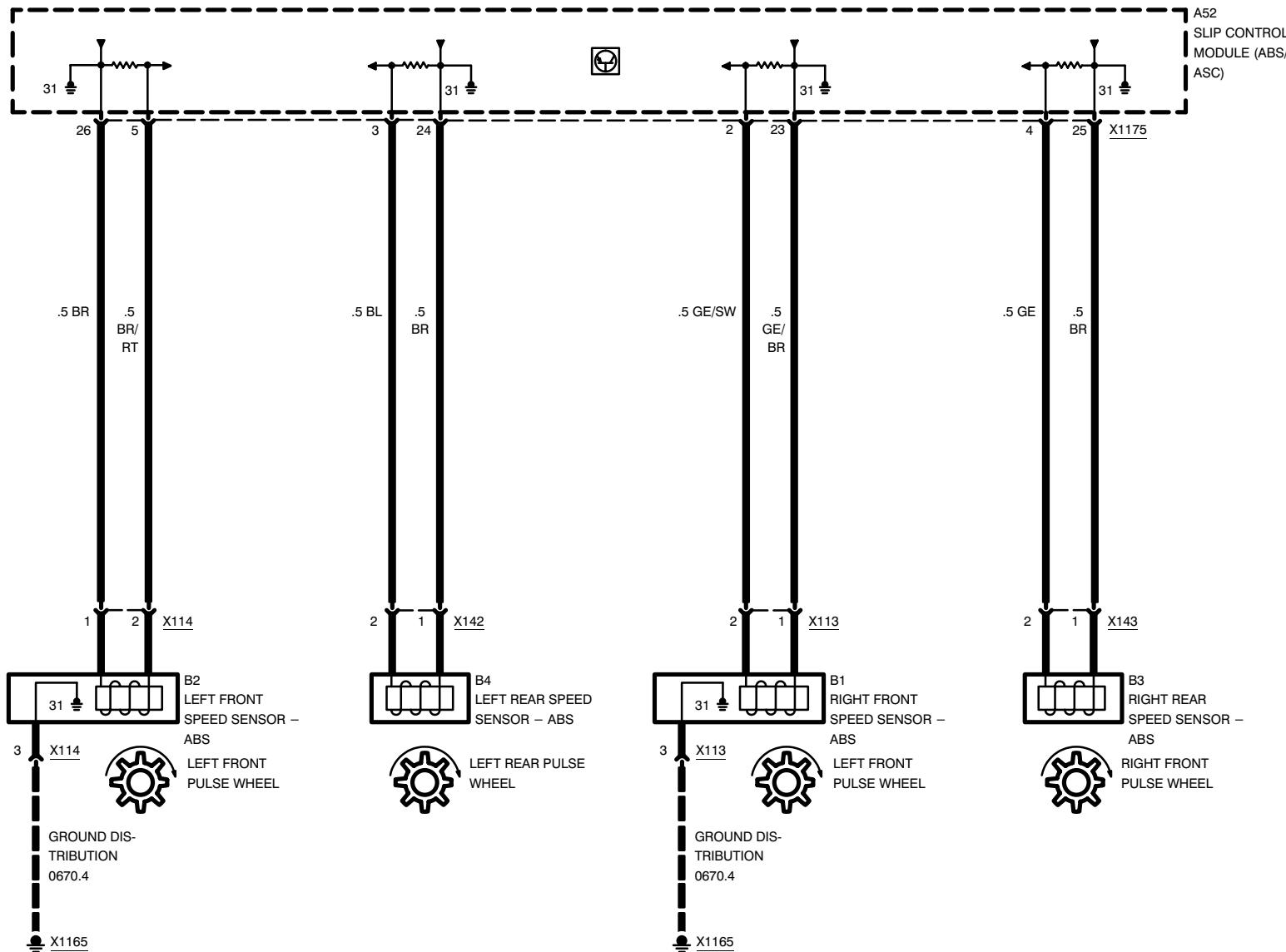


03/98

3450.1 -07 -

1997







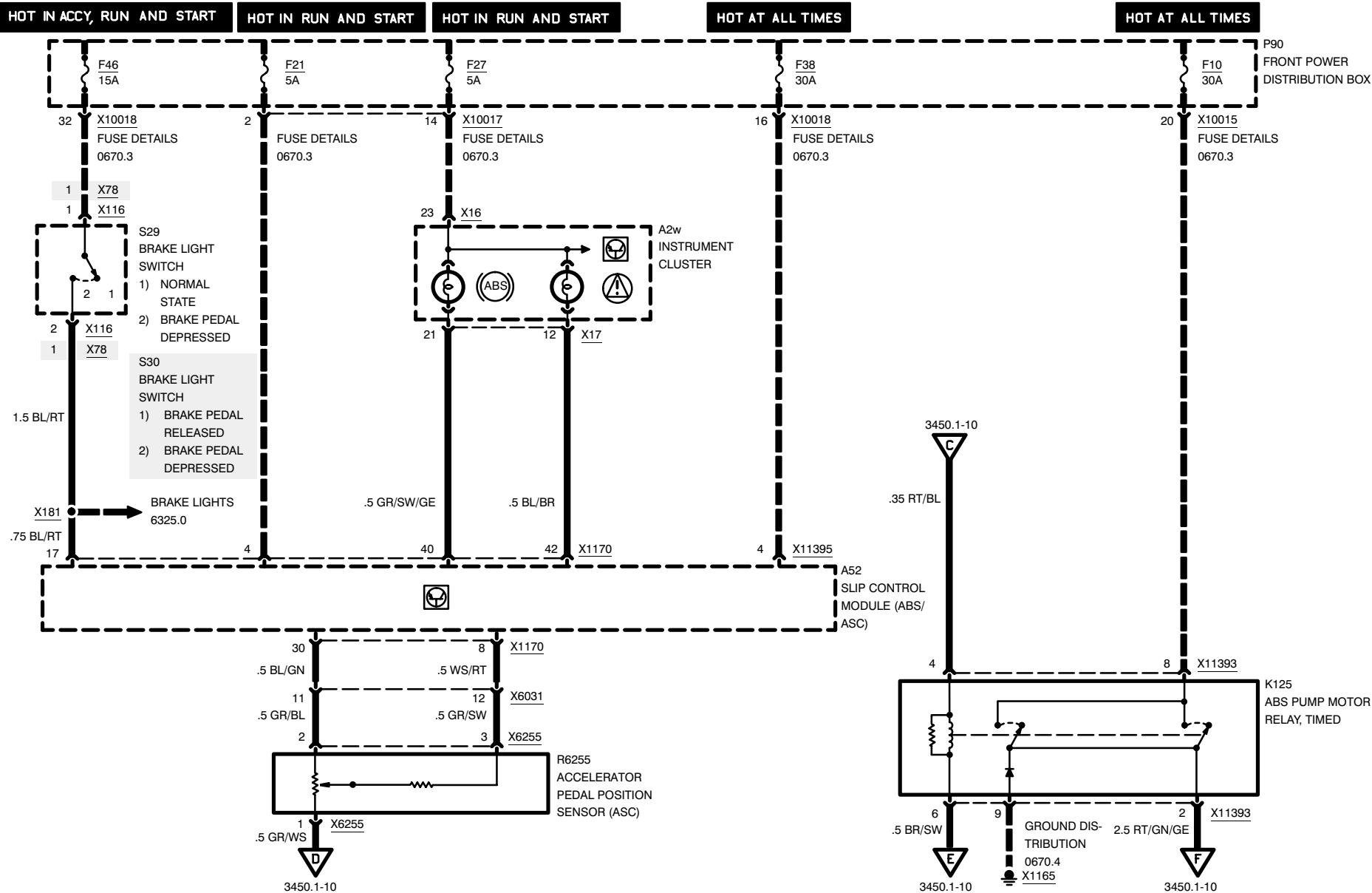
## SLIP CONTROL (ABS/ASC)

318is LATE PRODUCTION

03/03

3450.1-09

1997



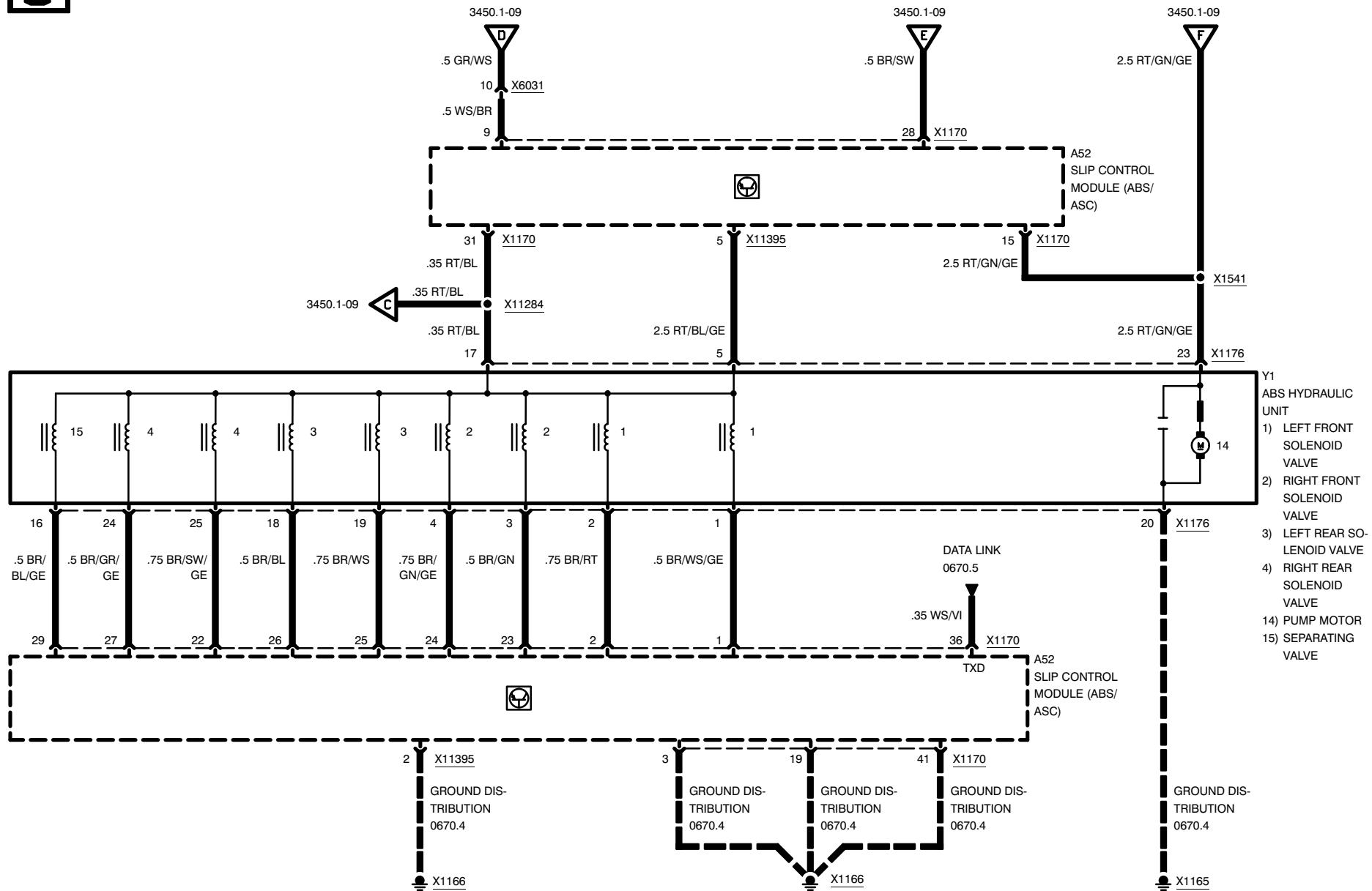


#### **SLIP CONTROL (ABS/ASC)**

318is LATE PRODUCTION

03/08

3430.1-10



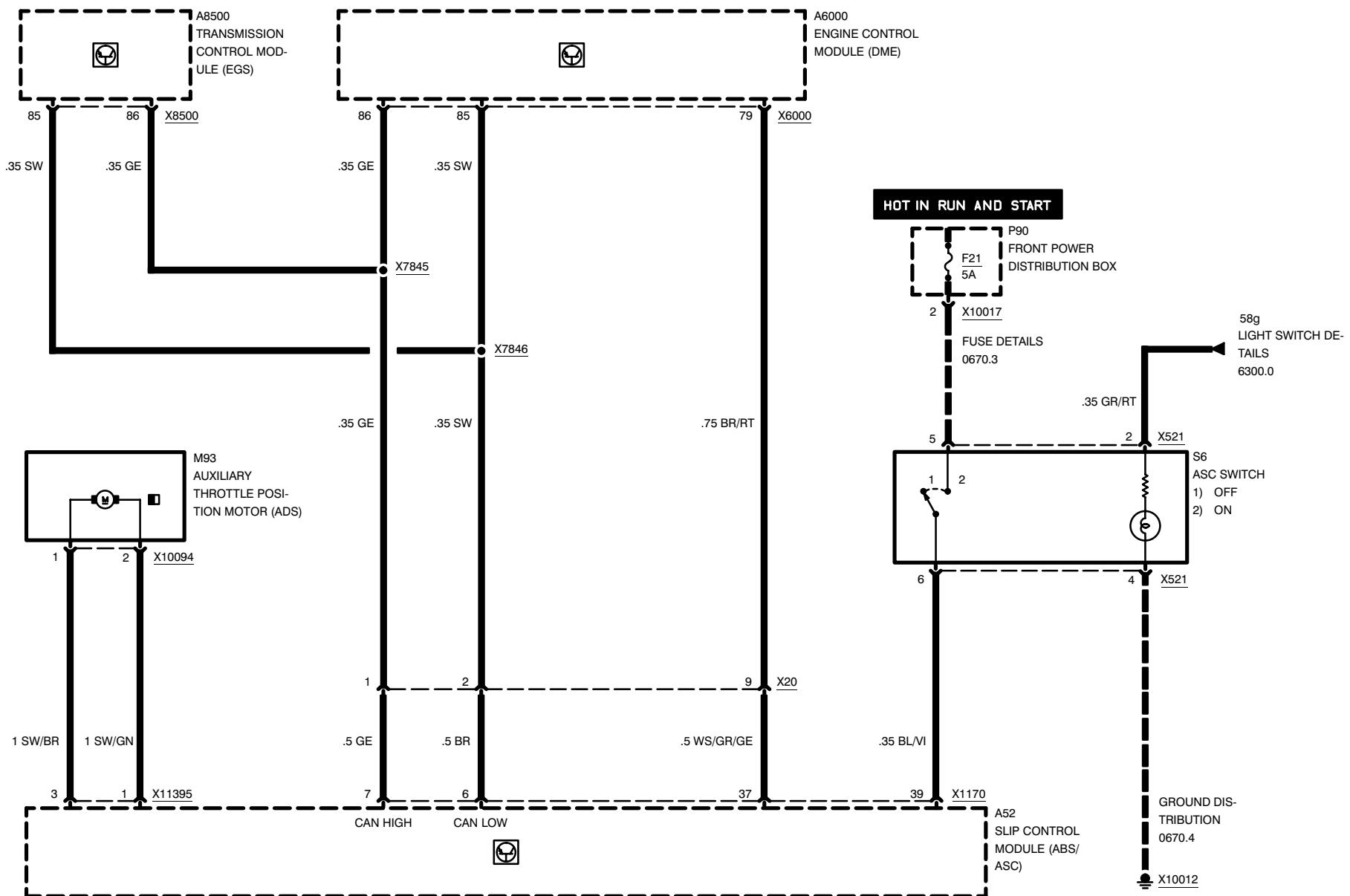
## SLIP CONTROL (ABS/ASC)

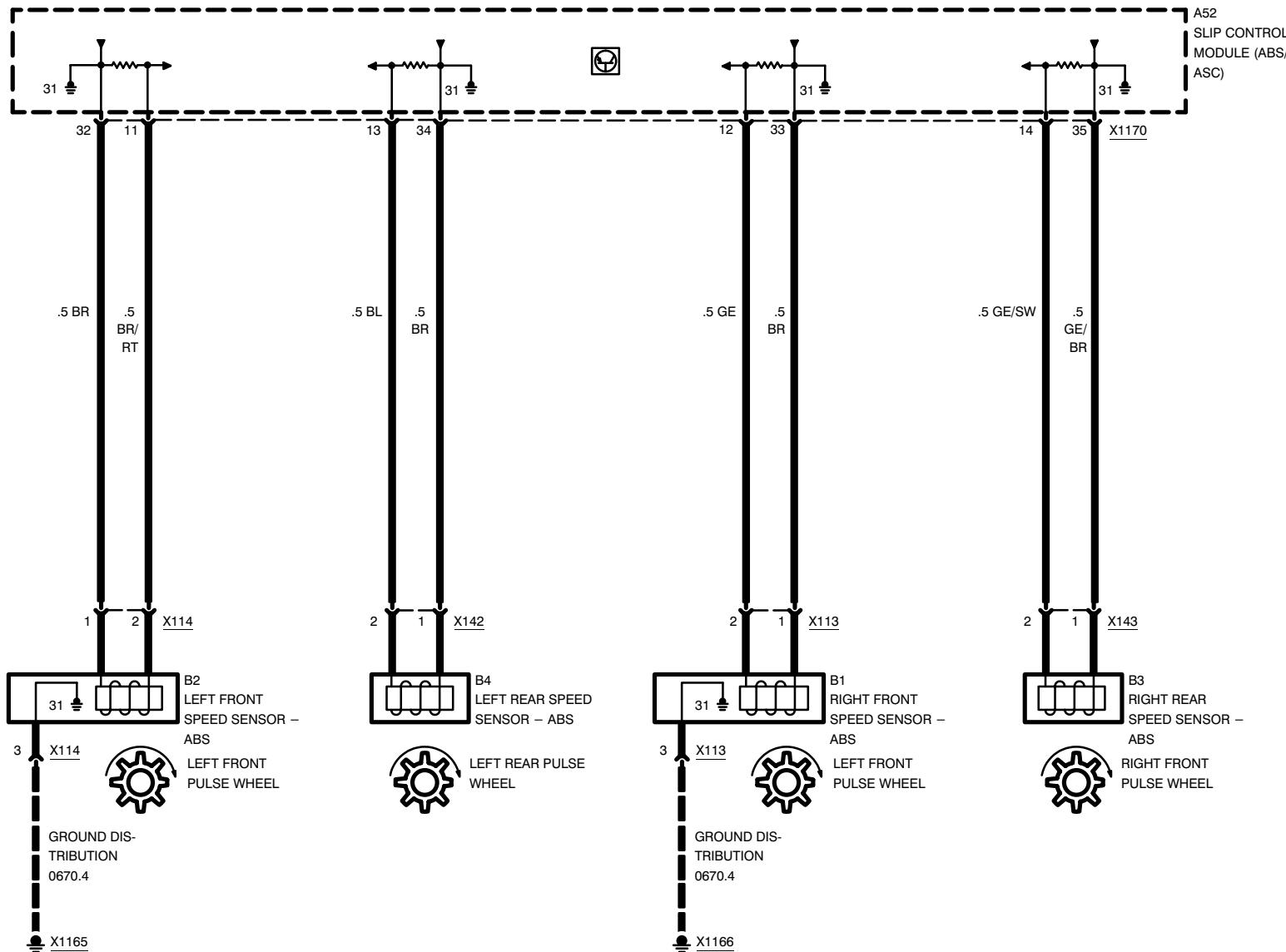
318is LATE PRODUCTION

03/98

3450.1-11

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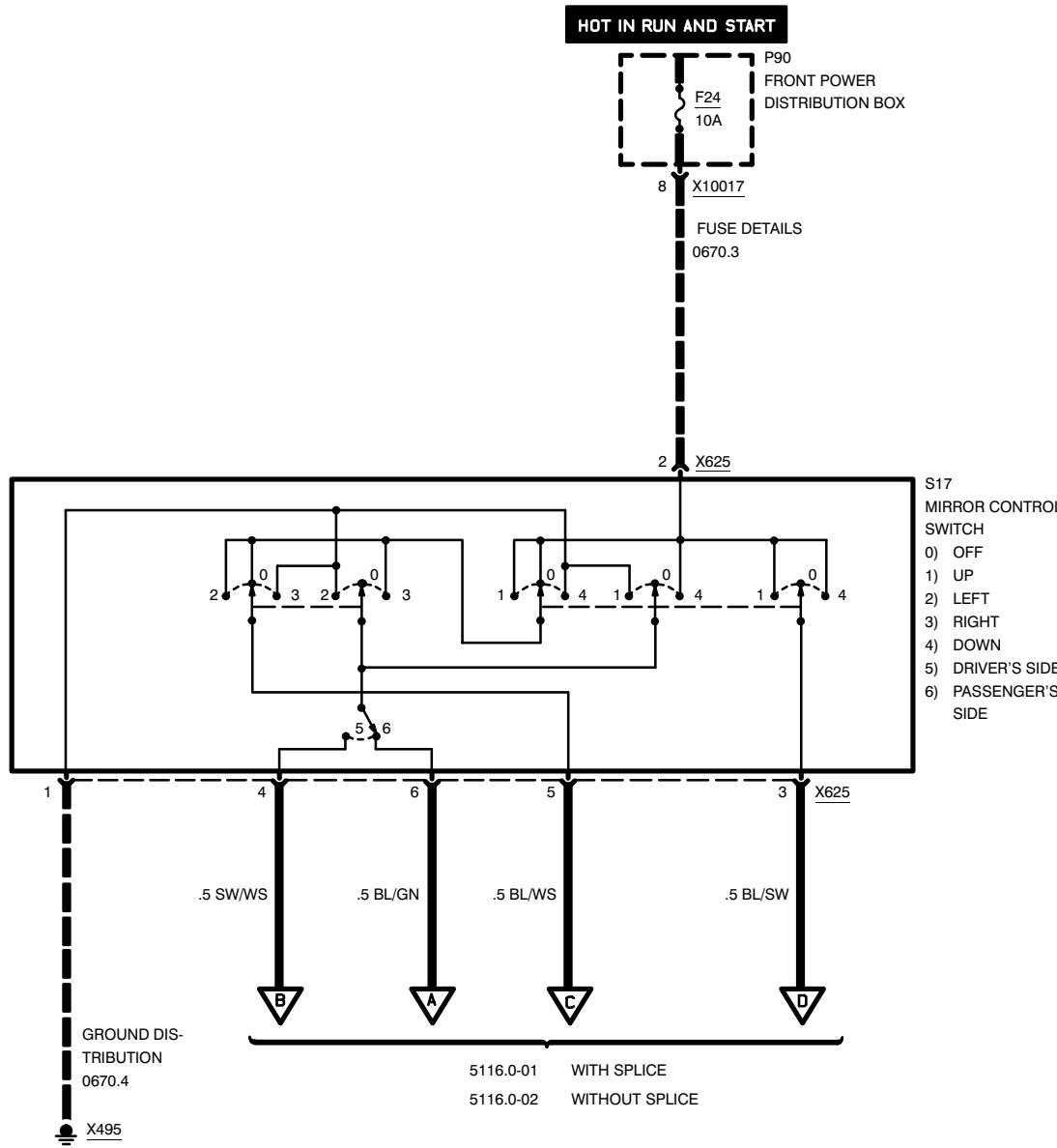


## POWER MIRRORS OUTSIDE MIRROR

03/98

5116.0-00

1997



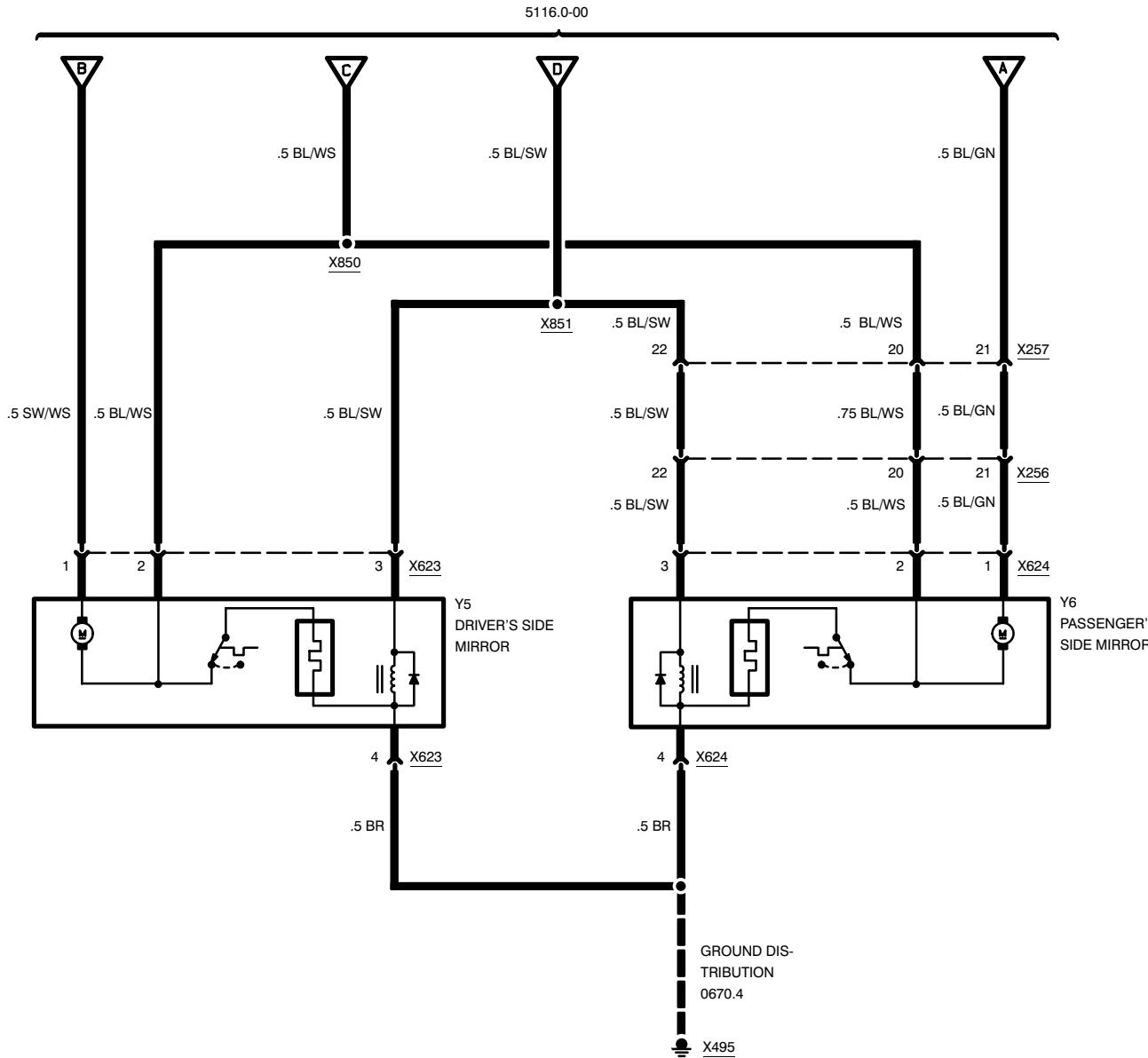


## POWER MIRRORS WITH SPLICE

03/98

5116.0-01

1997



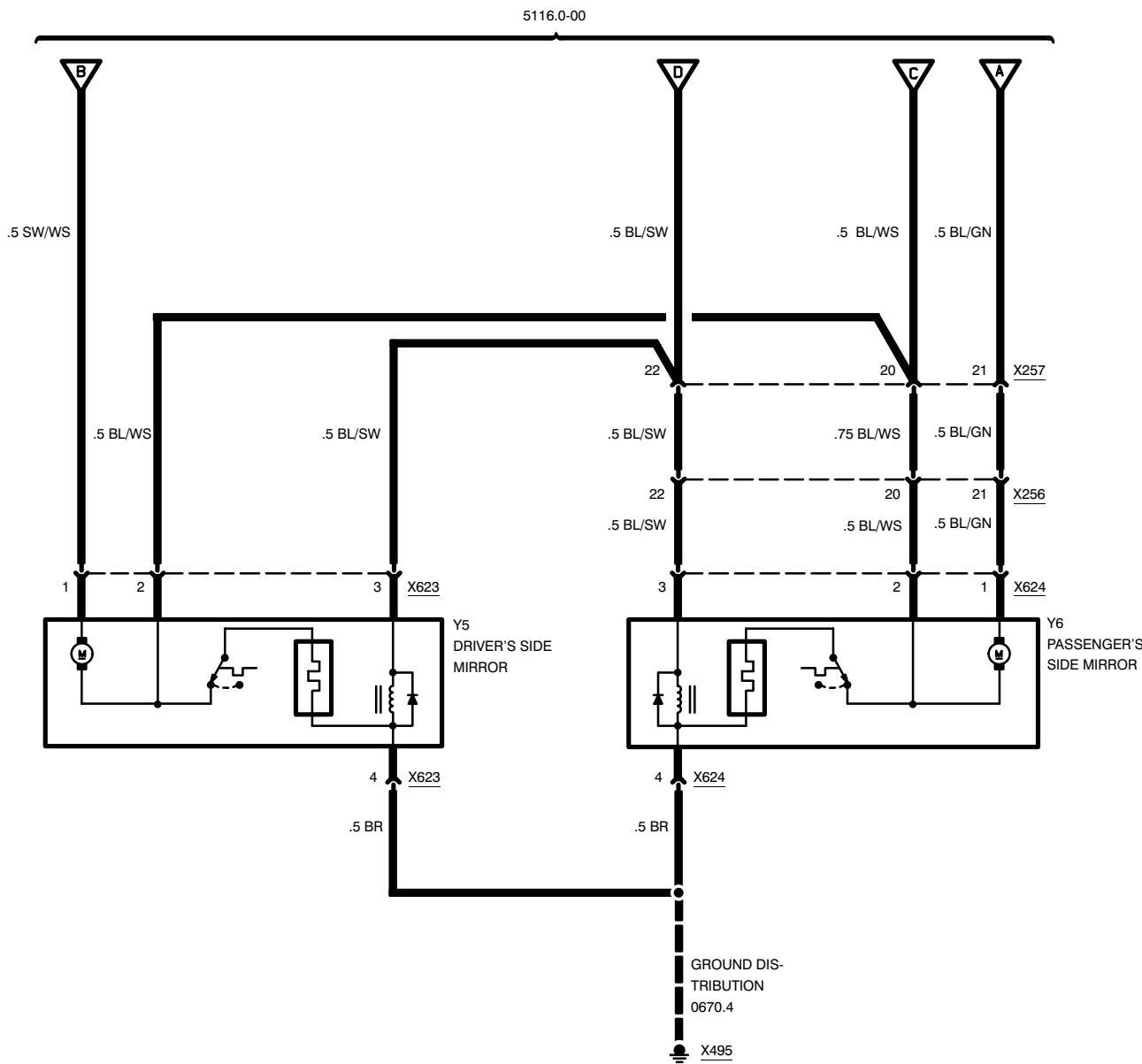


## POWER MIRRORS WITHOUT SPLICING

03/98

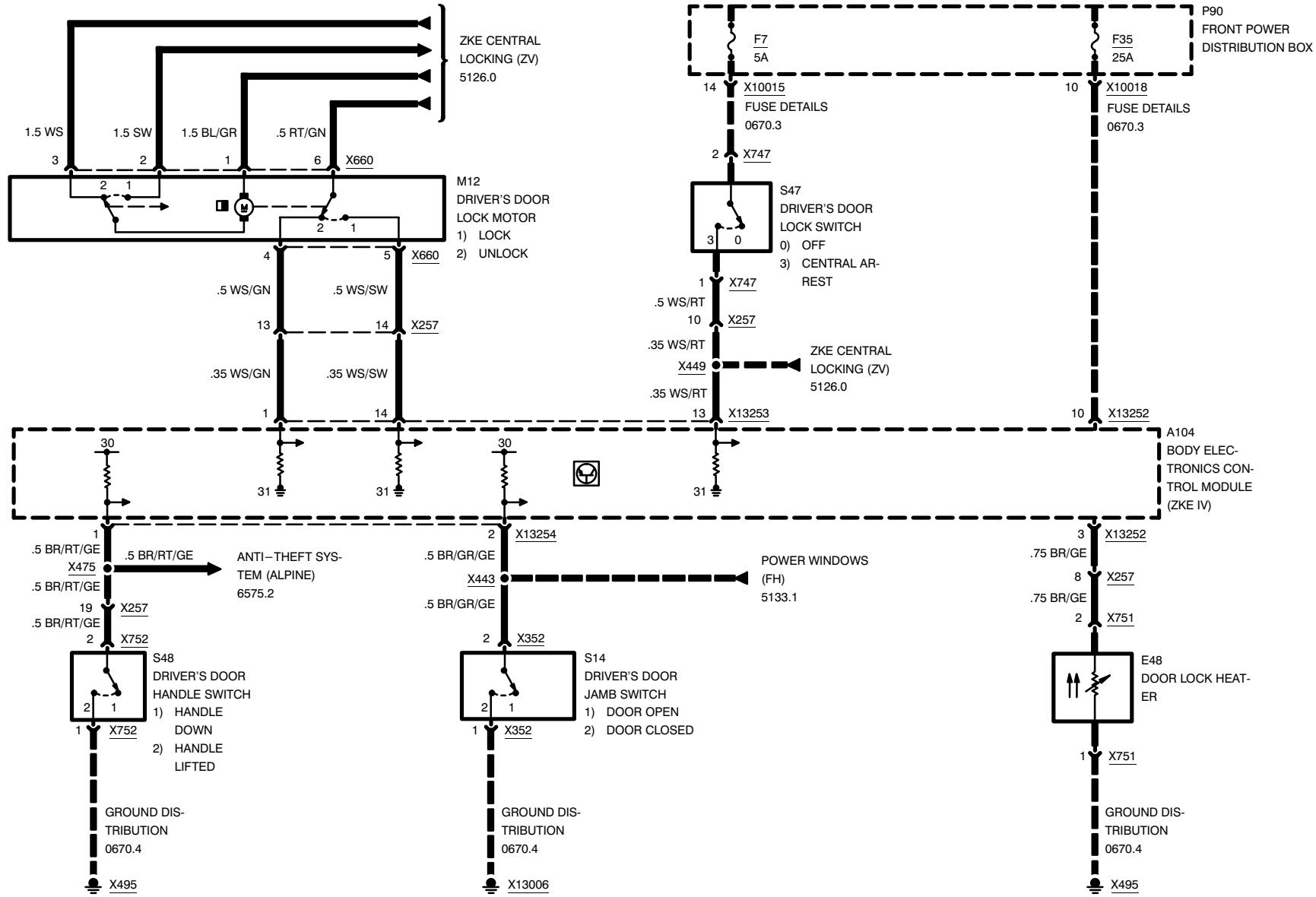
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1997



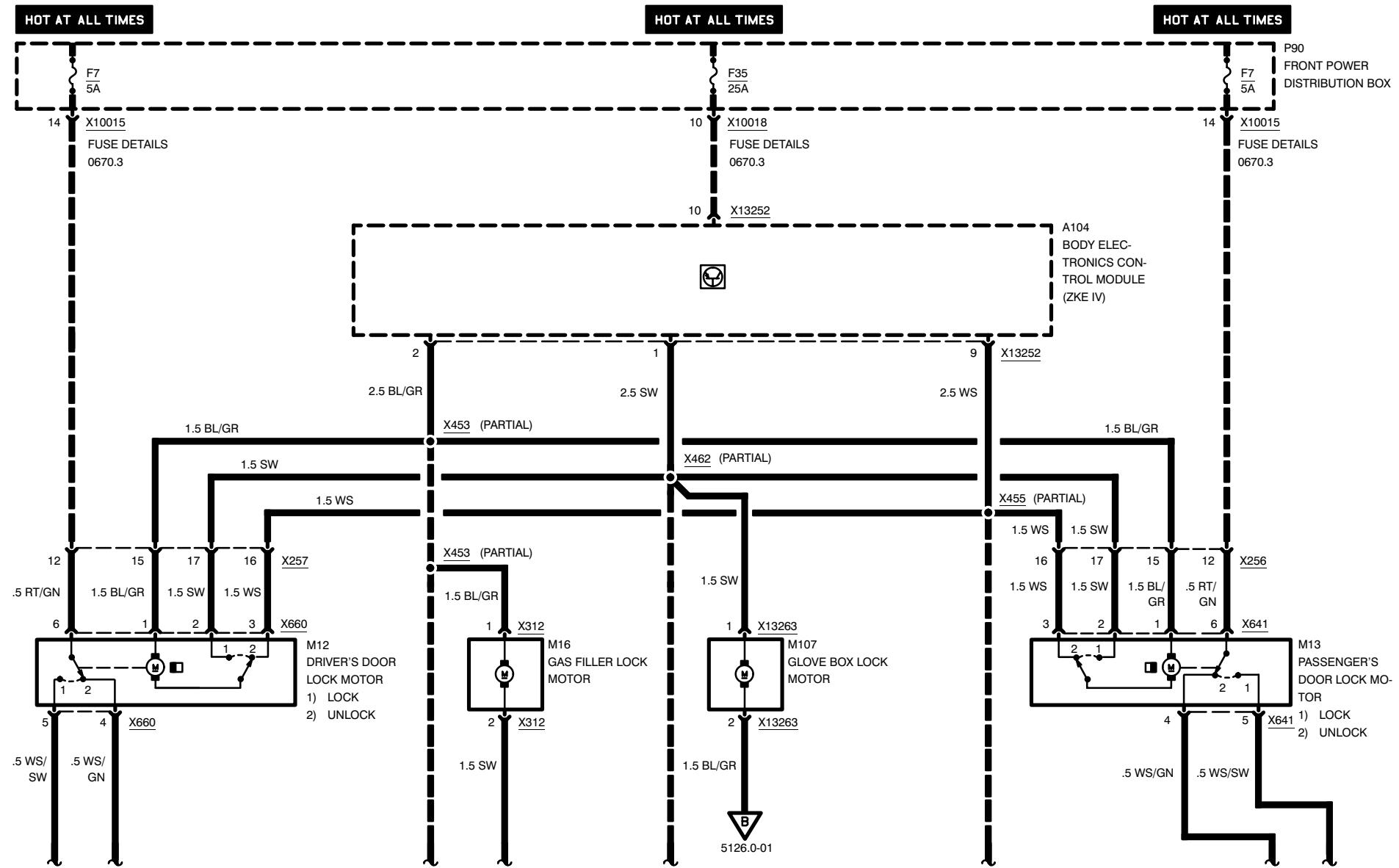
## ZKE DOOR LOCK HEATING (TSH)

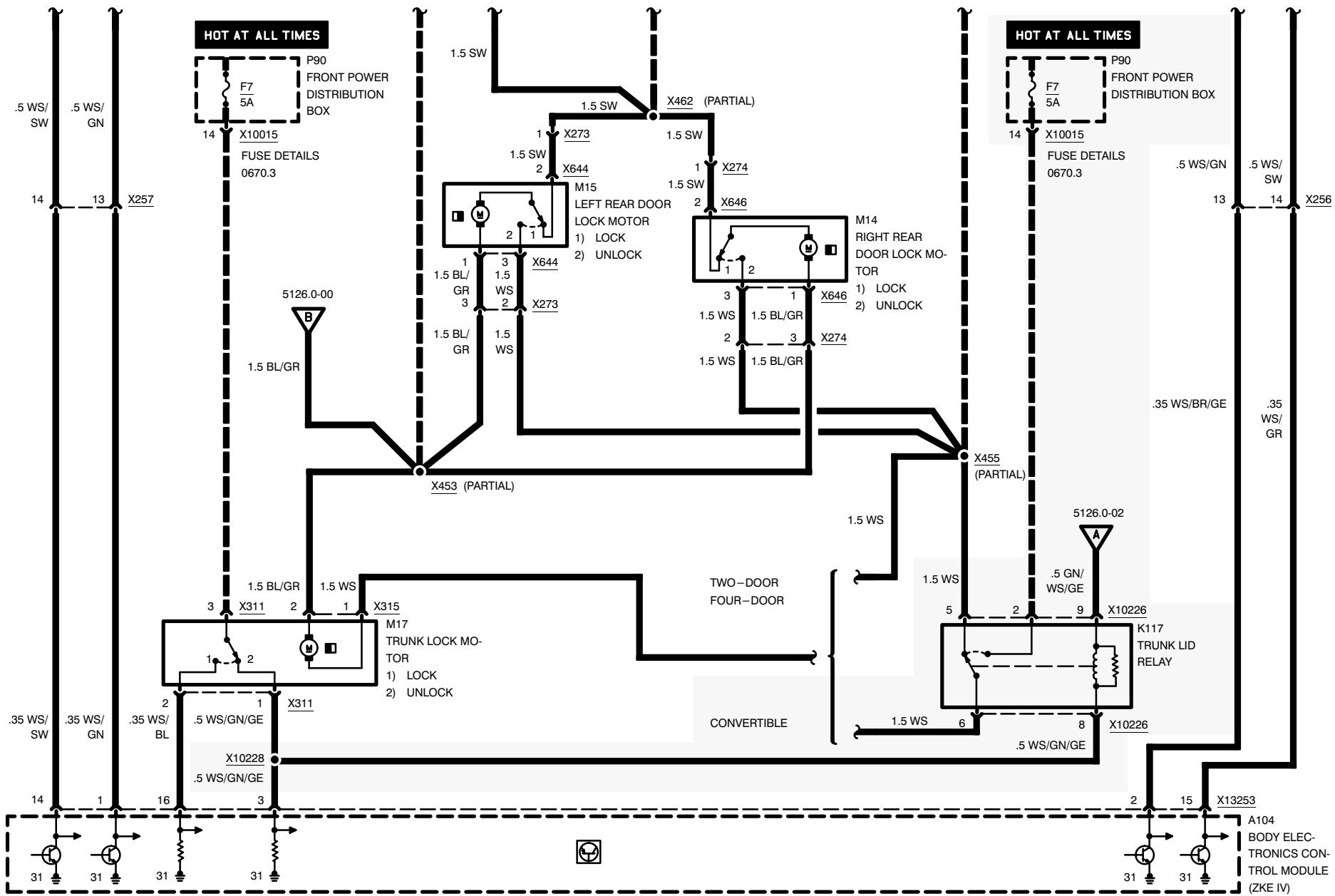
03/98



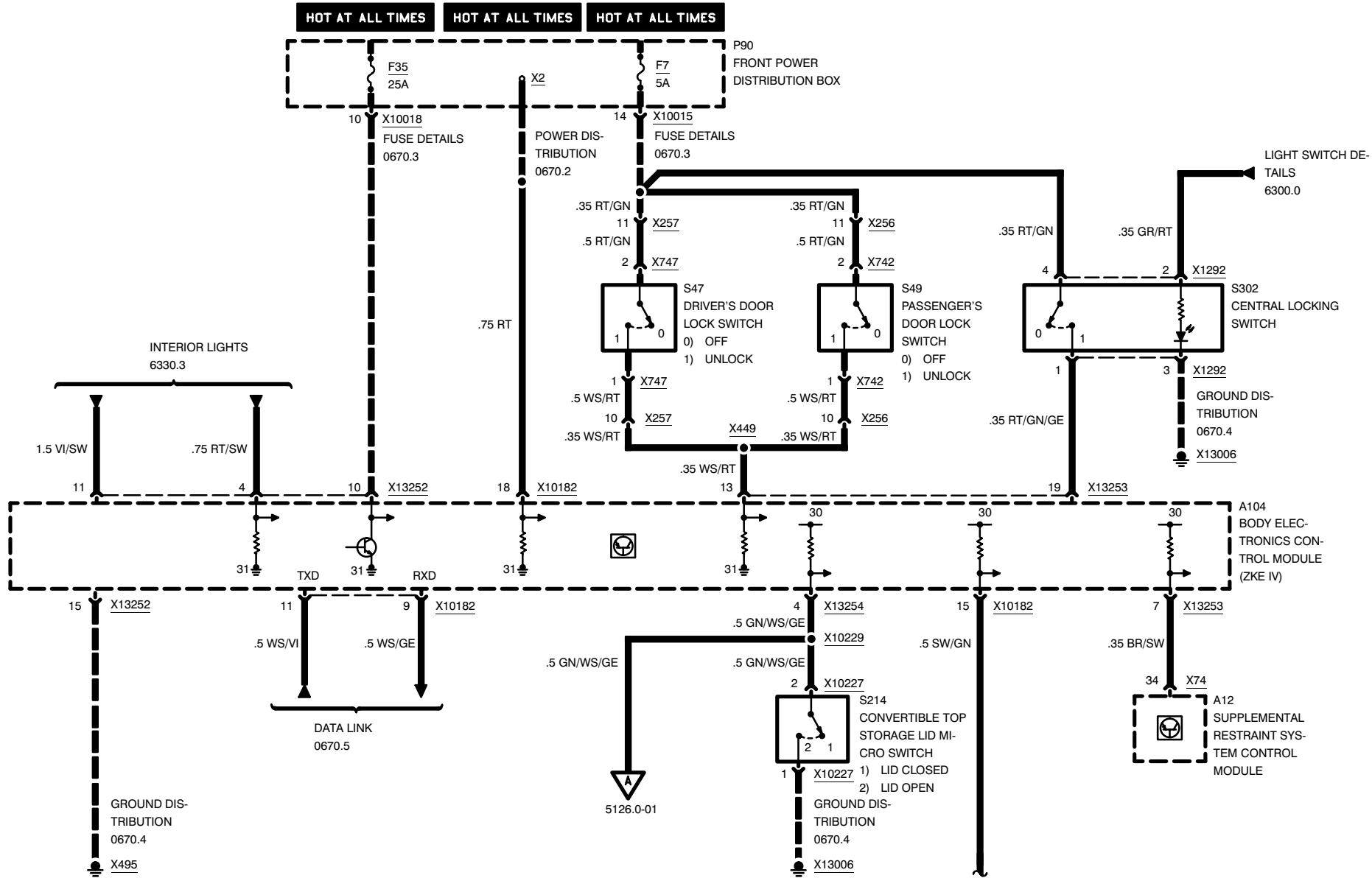
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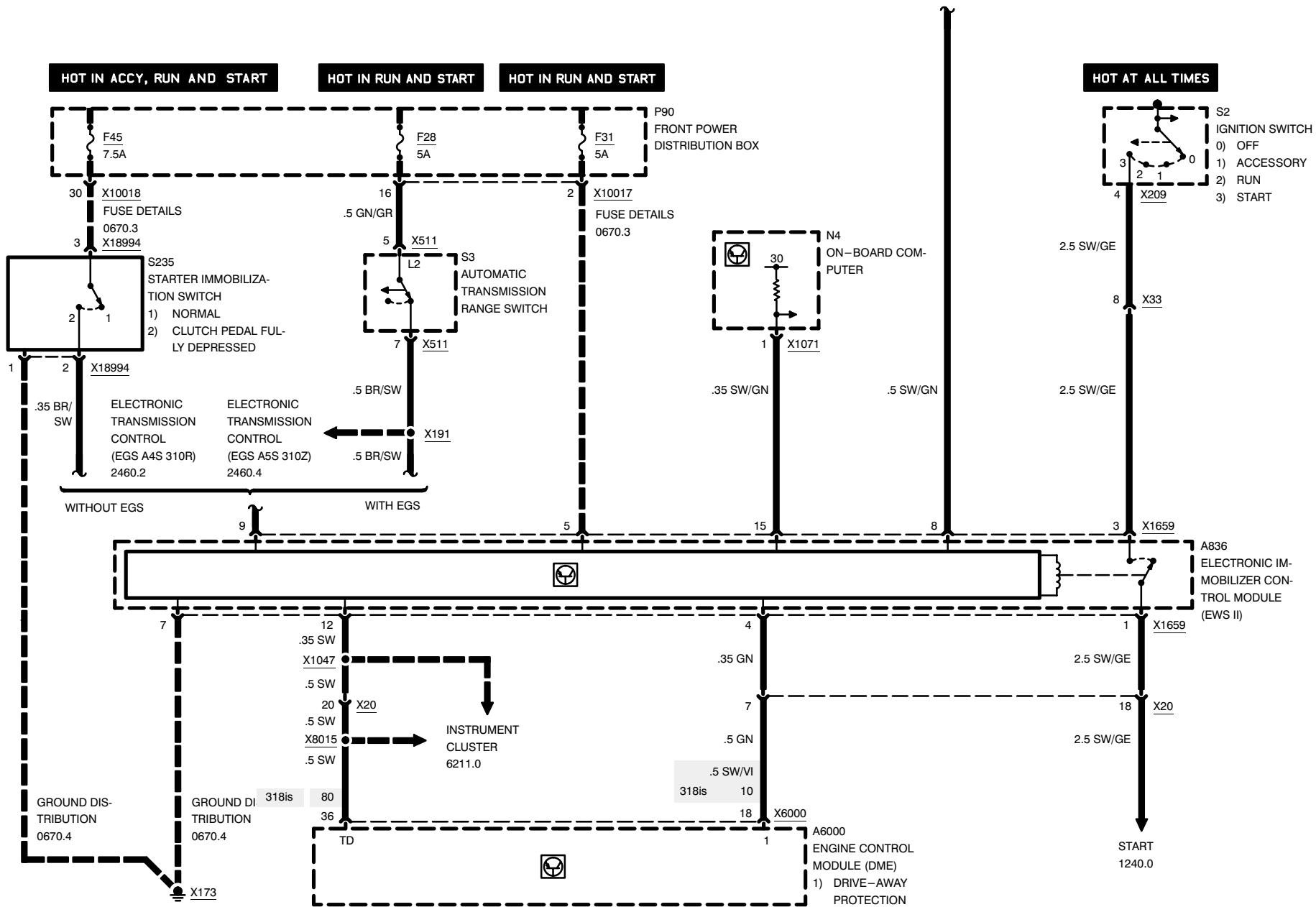
1997

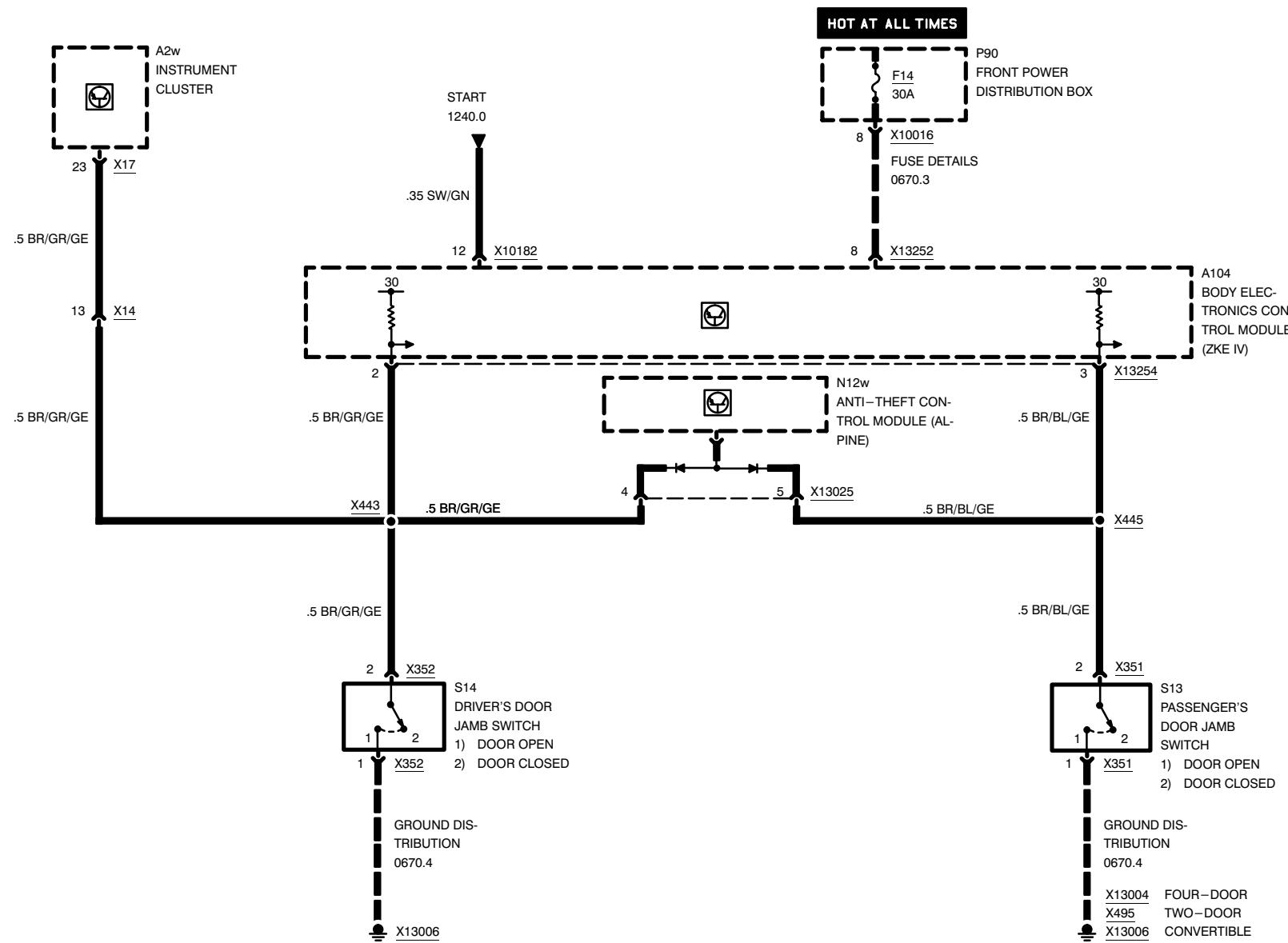




## ZKE CENTRAL LOCKING (ZV)







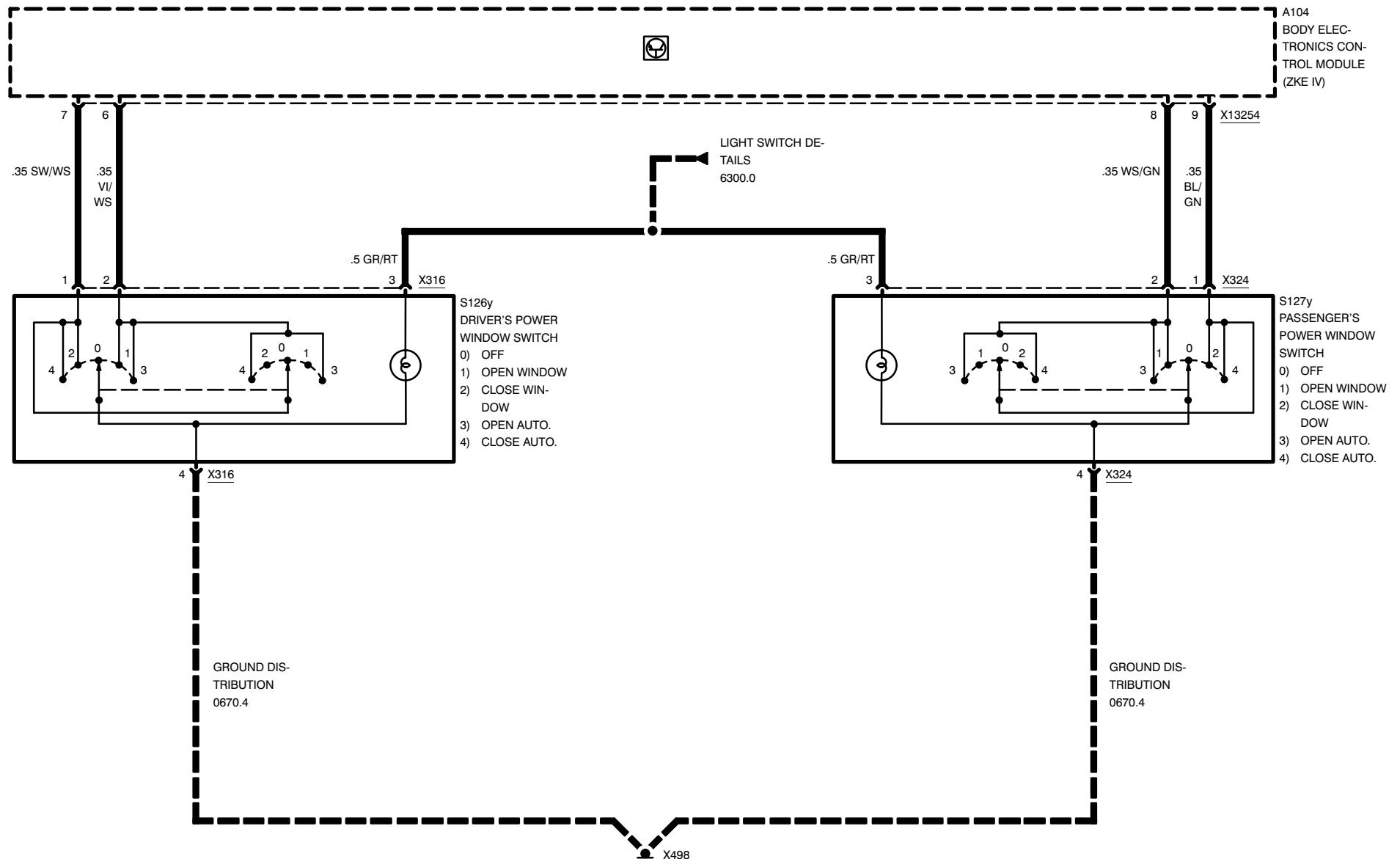
## POWER WINDOWS (FH)

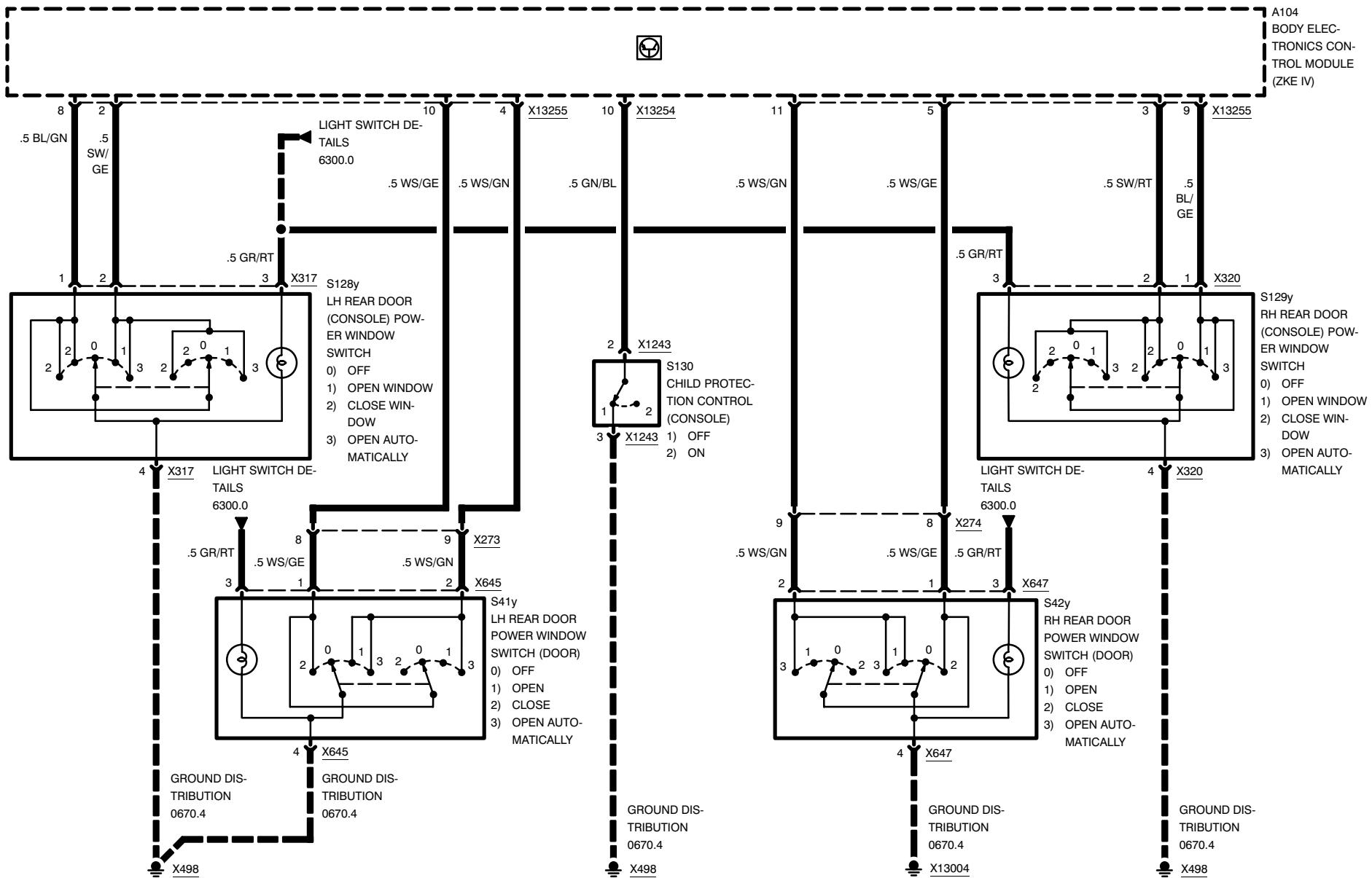
## INPUT DETAILS

03/98

5133.1-01

1997







## POWER WINDOWS (FH)

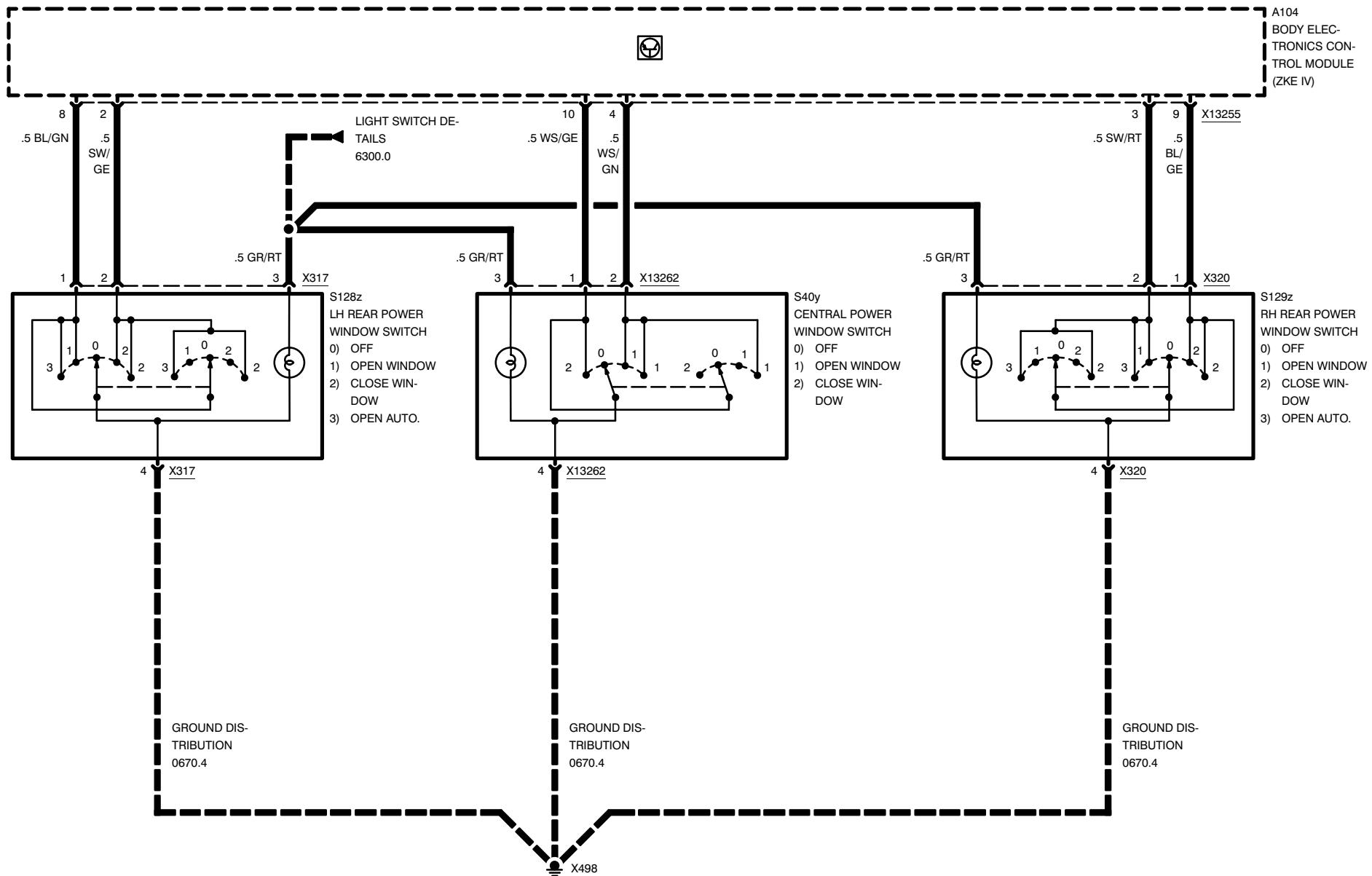
### INPUT DETAILS

CONVERTIBLE

03/98

5133.1-03

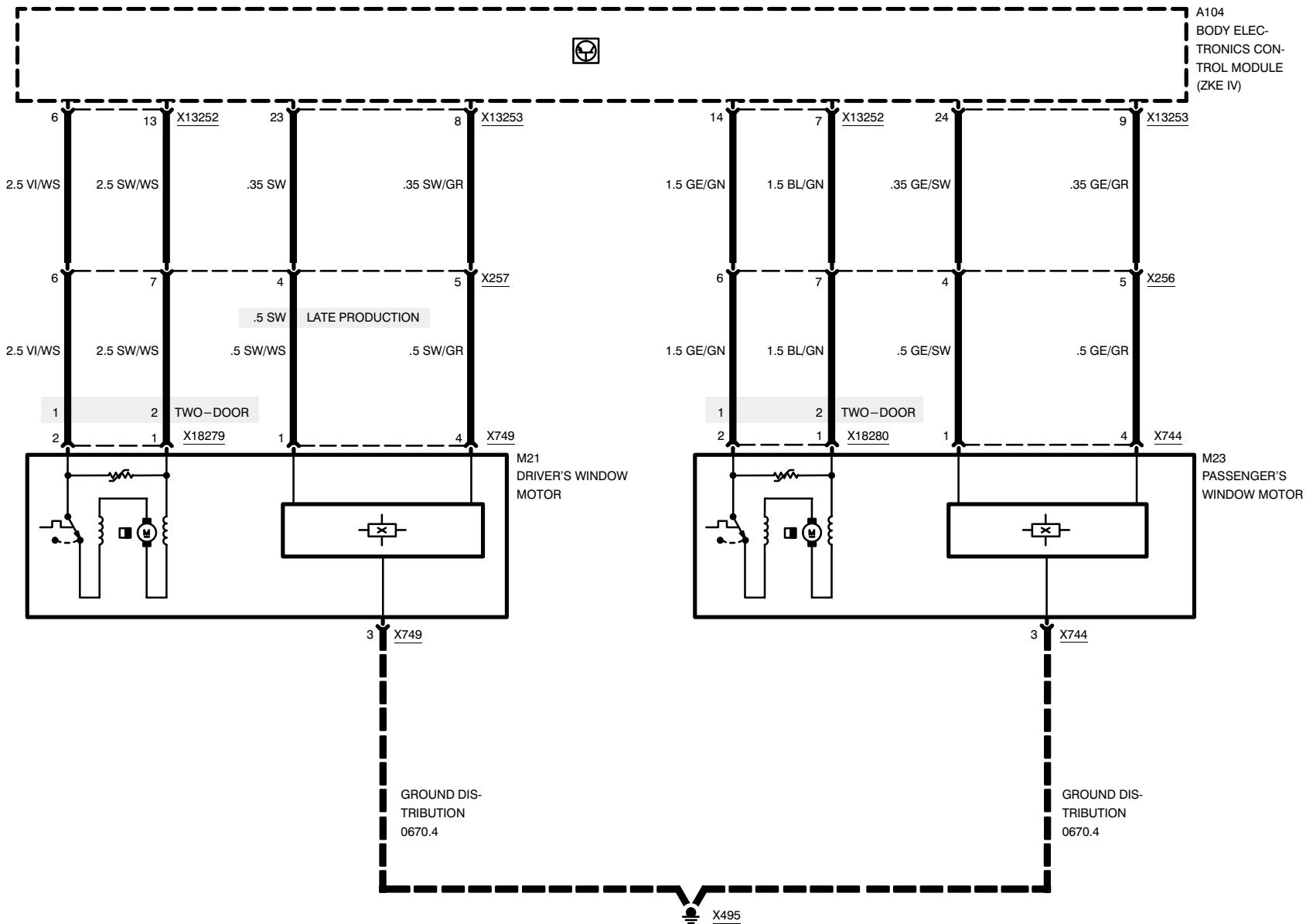
1997





## POWER WINDOWS (FH)

### OUTPUT DETAILS



03/98

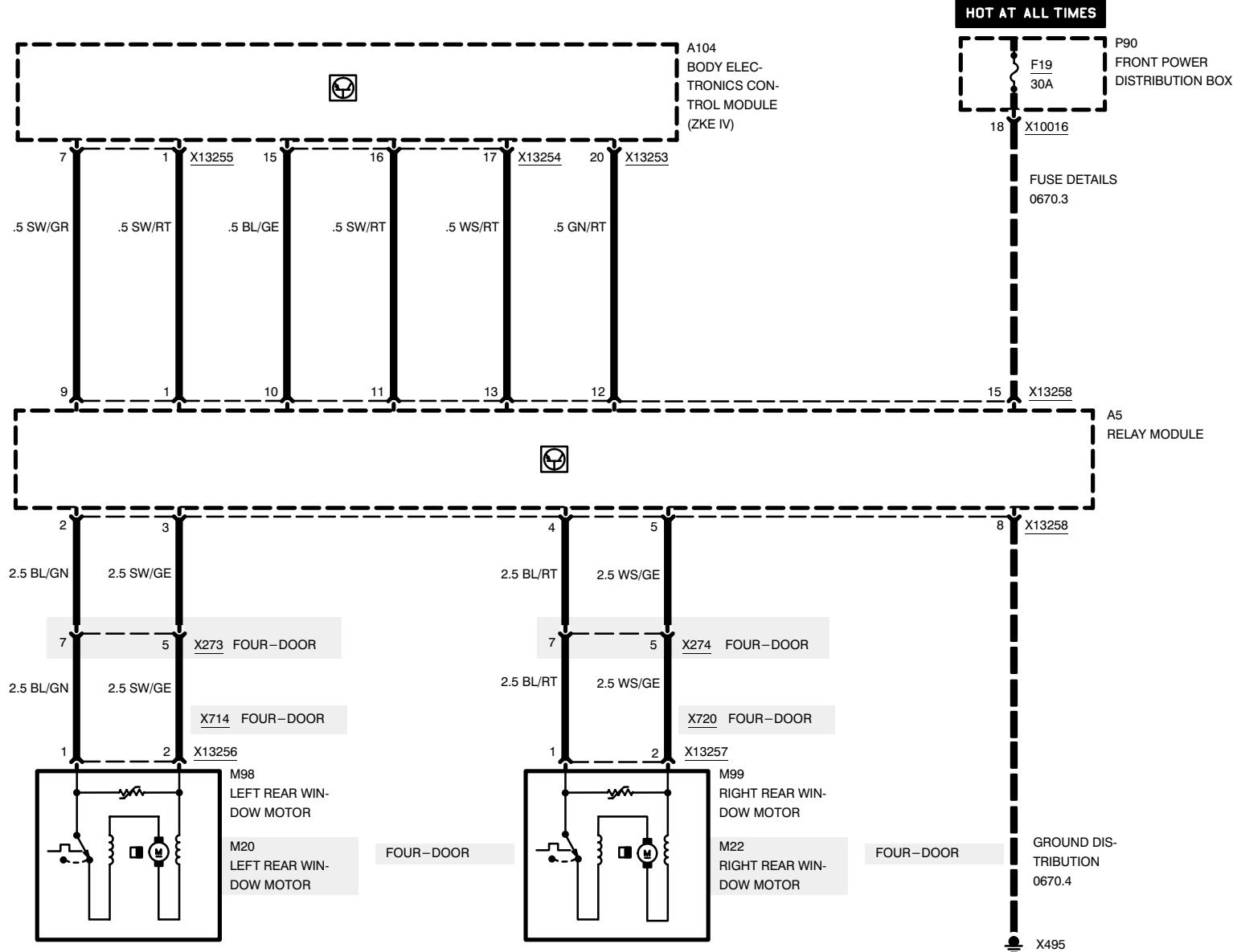
5133.1-04

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## POWER WINDOWS (FH)

### OUTPUT DETAILS



03/98

5133.1-05

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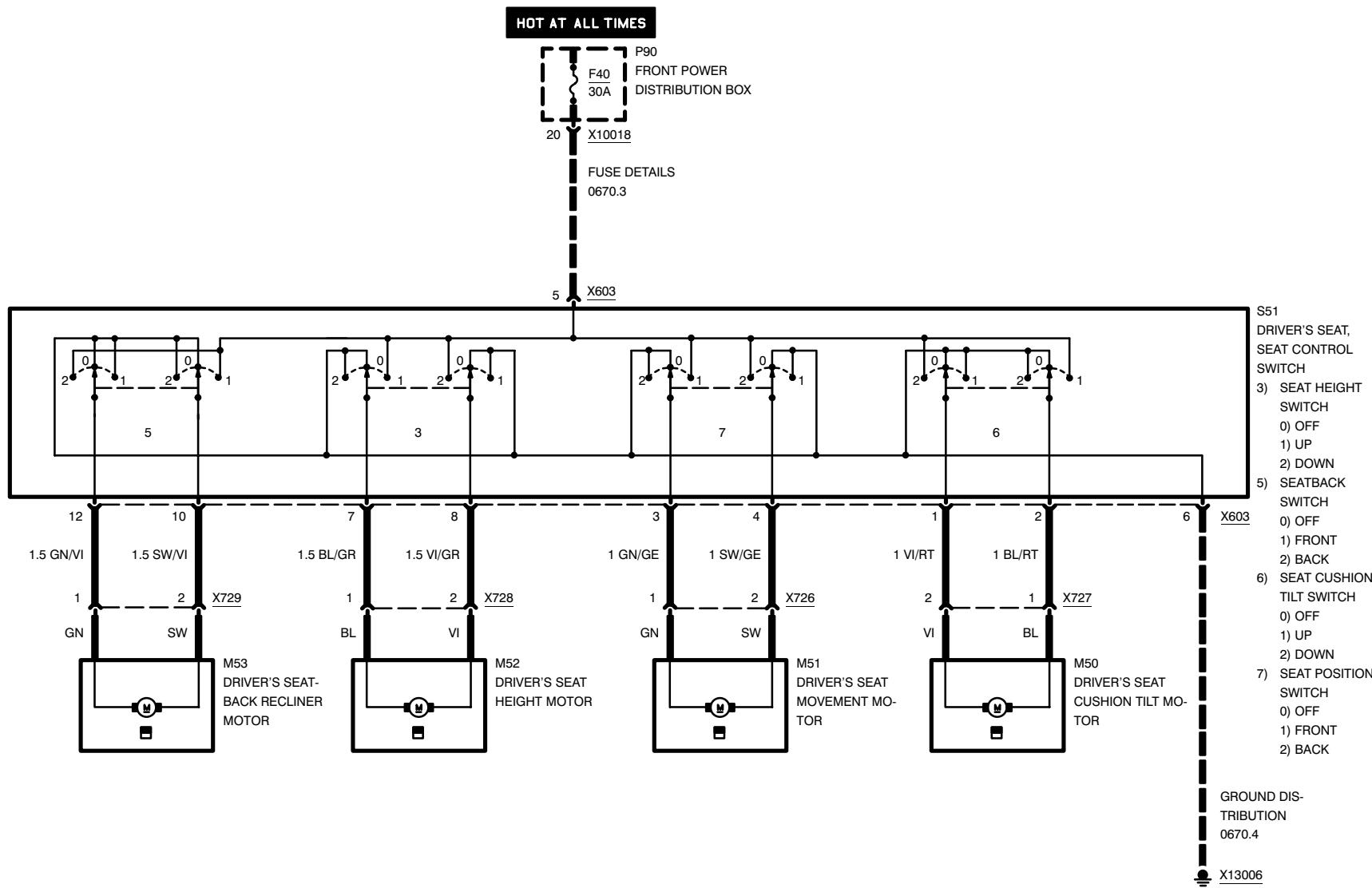
# POWER SEATS

## DRIVER'S SEAT

03/98

5200.00

1997





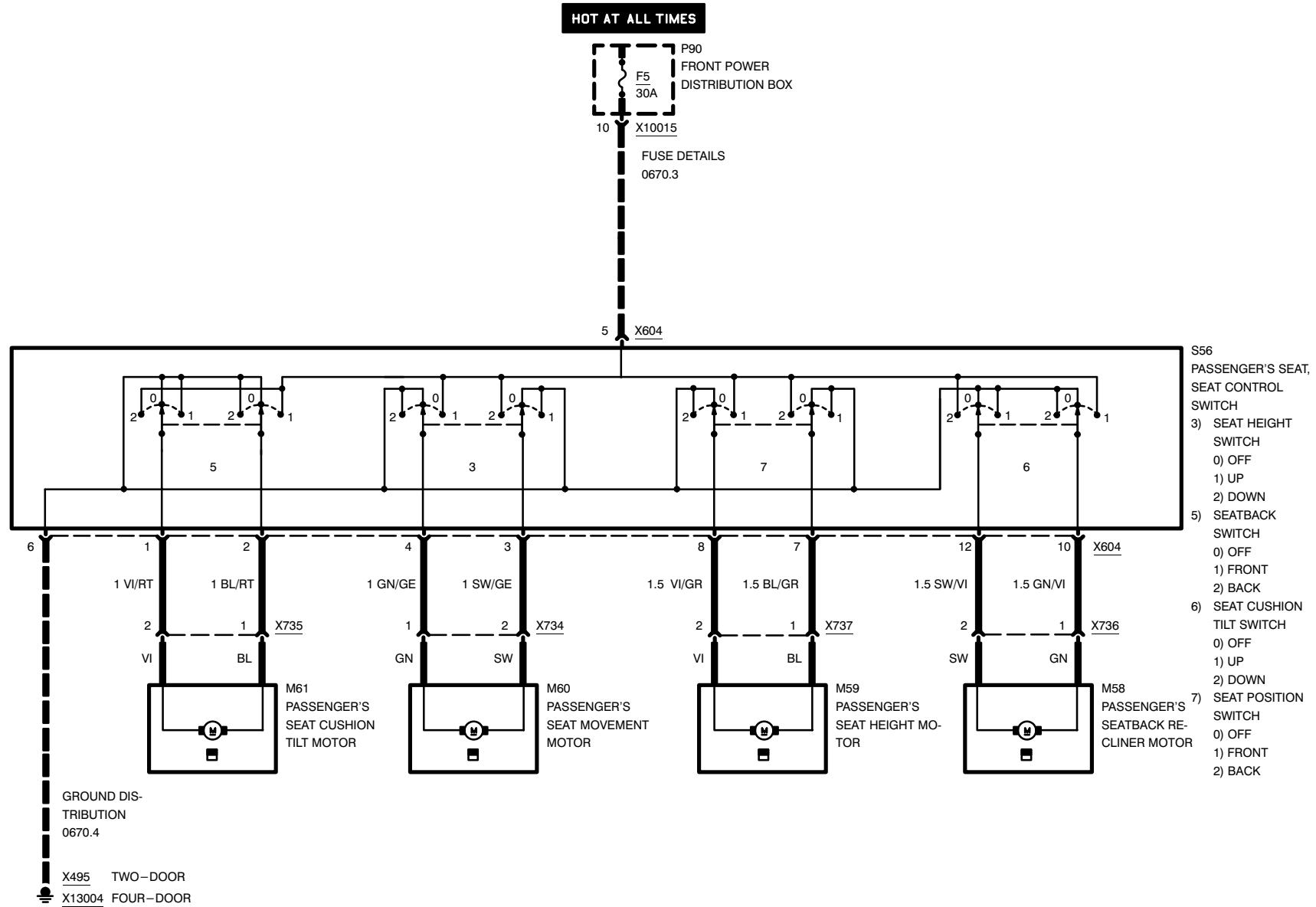
# POWER SEATS

## PASSENGER'S SEAT

03/98

5200.0-01

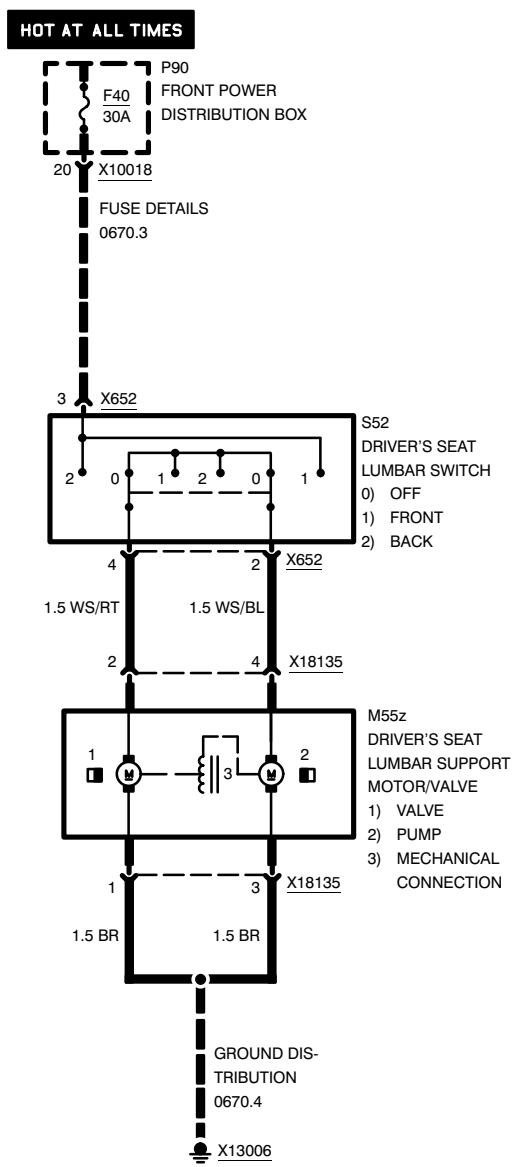
1997





## POWER SEATS AND LUMBAR SUPPORT

### DRIVER'S SIDE – LUMBAR SUPPORT

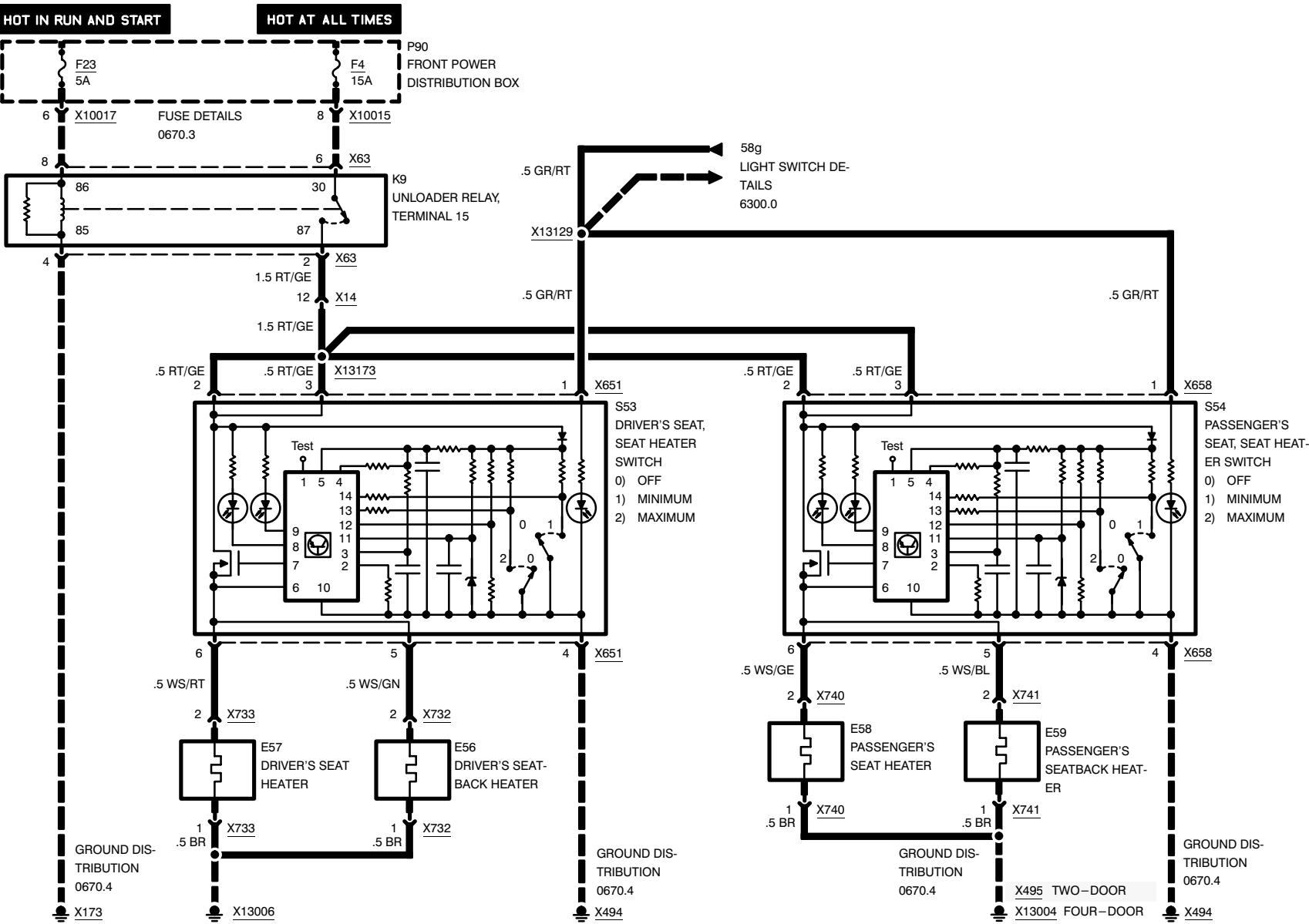


03/98

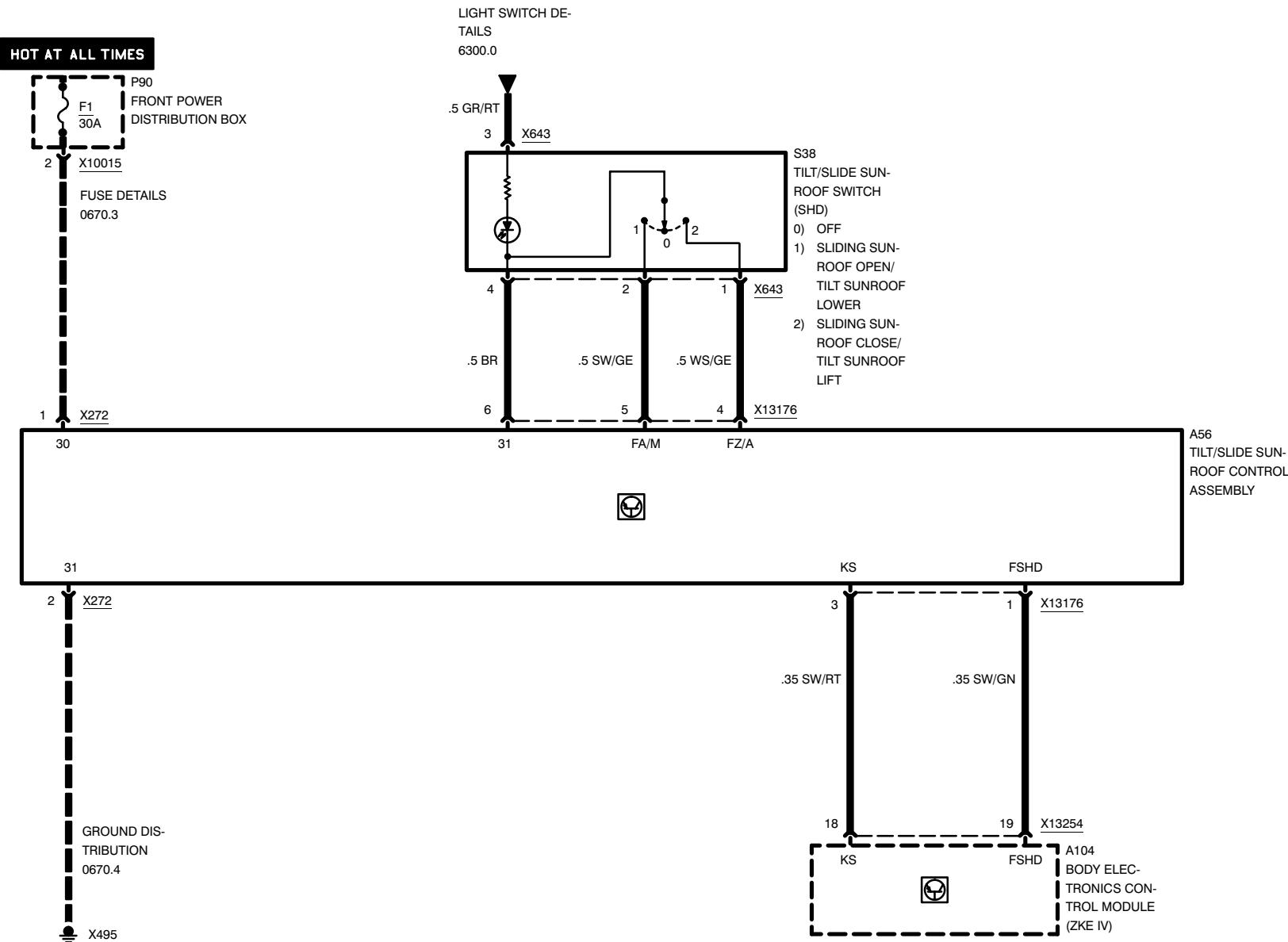
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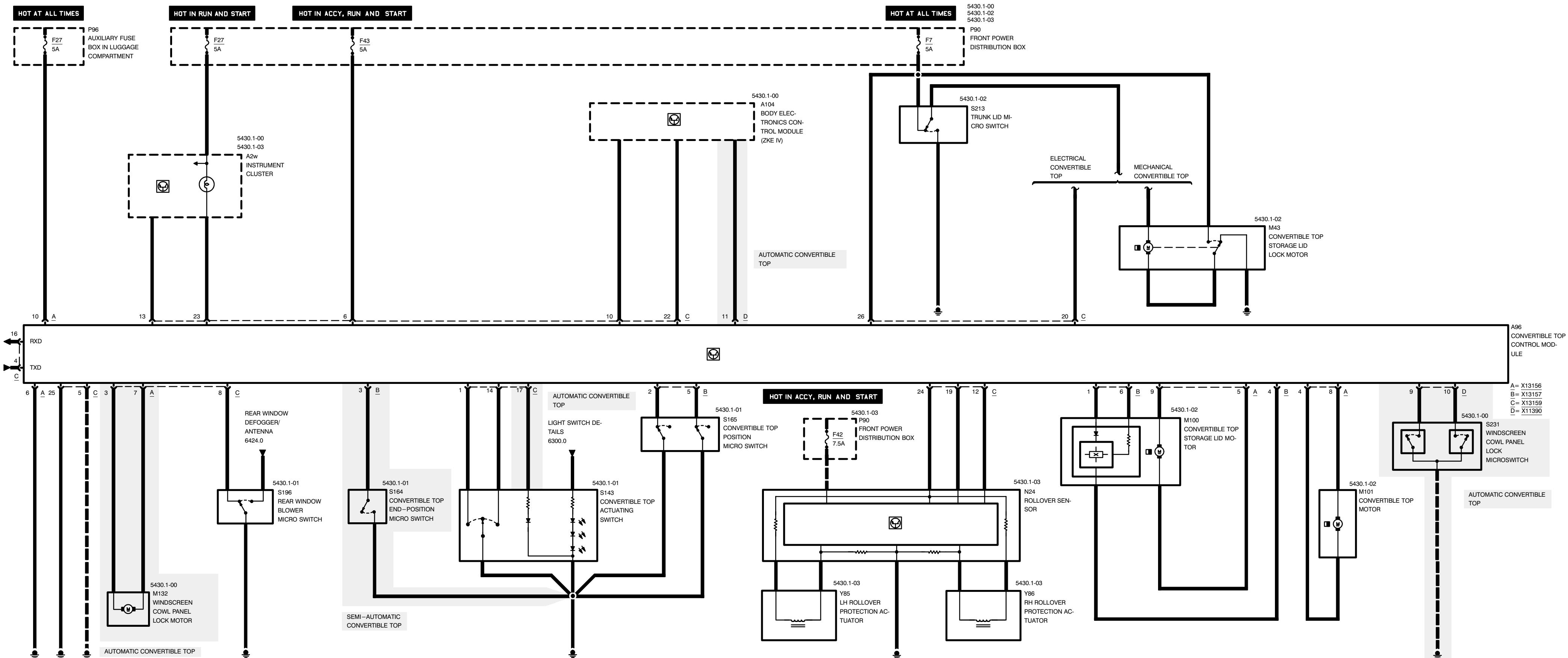
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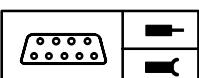
## HEATED SEATS



# POWER TILT/SLIDE SUNROOF (SHD)







## Pin Assignments

A = X13156 10 Pins, black

B = X13157 6 Pins, black

C = X13159 26 Pins, black

D = X11390 12 Pins, black

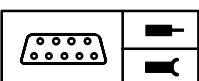
### X13156

Pin	Type	Description/Function	Connection
1		Not used	
2		Not used	
3	E/A	Activate engine	Windscreen cowl panel locking (automatic convertible top)
4	E/A	Control signal	Convertible top motor
5	E/A	Control signal	Convertible top storage lid motor
6	M	Ground	Ground point
7	E/A	Activate engine	Windscreen cowl panel locking (automatic convertible top)
8	E/A	Control signal	Convertible top motor
9	E/A	Control signal	Convertible top storage lid motor
10	E	Plus supply 12V	Front power distribution box

### X13157

Pin	Type	Description/Function	Connection
1	A	Plus supply	Position sensor (convertible top storage lid motor)
2	E	Position signal	Convertible top position micro switch
3	E	Position signal	Convertible top end position micro switch (semi-automatic convertible top)
4	E	Component ground	Position sensor (convertible top storage lid motor)
5	E	Position signal	Convertible top position micro switch
6	E	Control signal	Position sensor (convertible top storage lid motor)

E = Input, A = Output, M = Ground

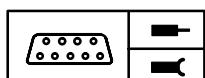


## Pin Assignments

### X13159

Pin	Type	Description/Function	Connection
1	E	Top open signal	Convertible top actuating switch
2		Not used	
3		Not used	
4	E/A	TxD data signal	Data link connector
5	M	Ground	Hard top connector 1
6	E	Power supply	Front power distribution box, fuse 43
7		Not used	
8	E	Rear window blower signal	Rear window blower micro switch
9		Not used	
10	A	Data signal	Body electronics control module
11		Not used	
12	A	Data signal	Roll over sensor
13	A	Speed signal	Instrument cluster
14	E	Top closed signal	Convertible top actuating switch
15		Not used	
16	A	RxD data signal	Data link connector
17	A	LED	Convertible top actuating switch
18		Not used	
19	A	Data signal	Roll over sensor
20	E	Trunk lid signal	Trunk lid micro switch
21		Not used	
22	A	Data signal	Body electronics control module
23	A	Roll over signal	Instrument cluster
24	A	Data signal	Roll over sensor
25	M	Ground	Ground point
26	E	Power supply	Front power distribution box, fuse 7

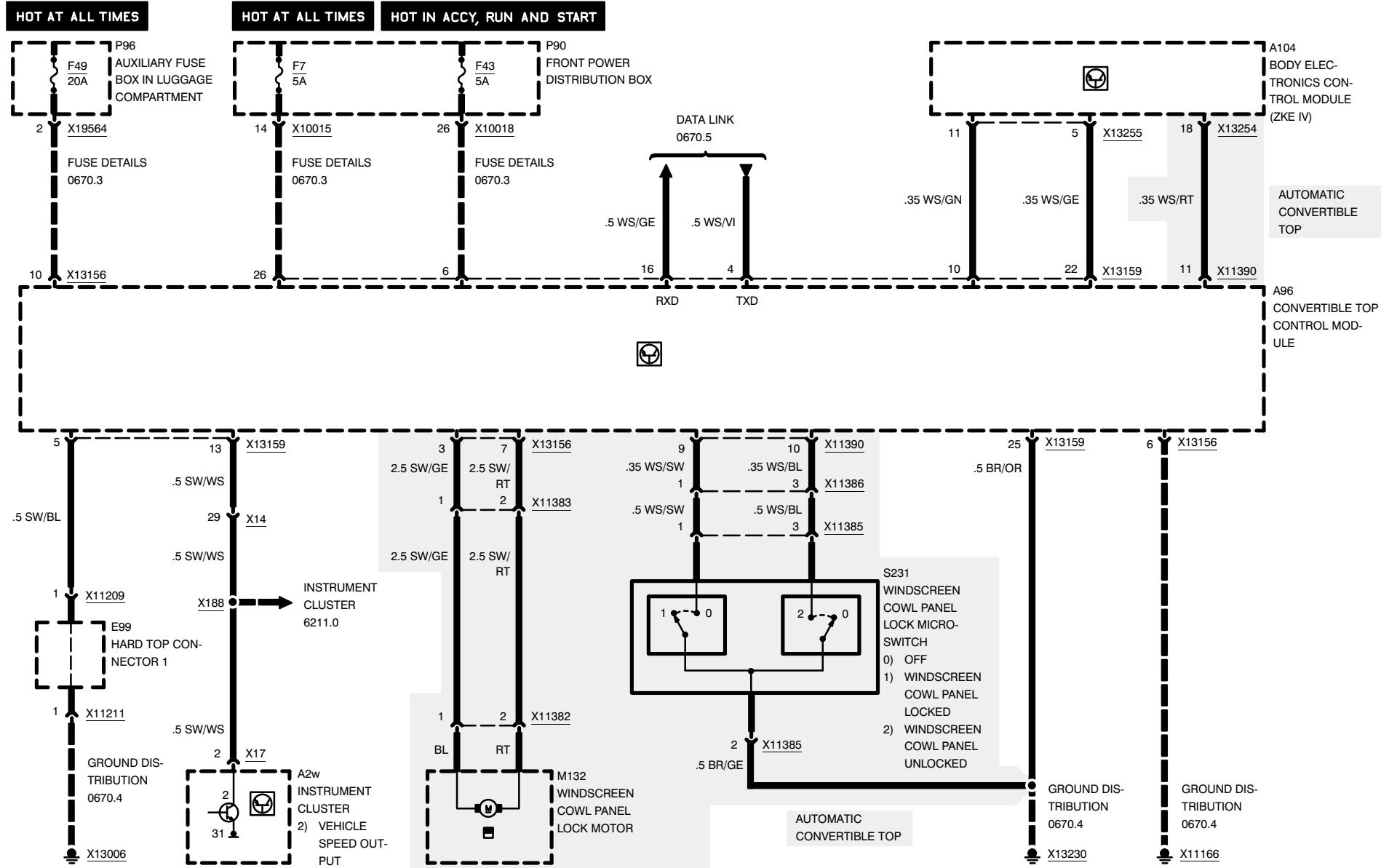
E = Input, A = Output, M = Ground

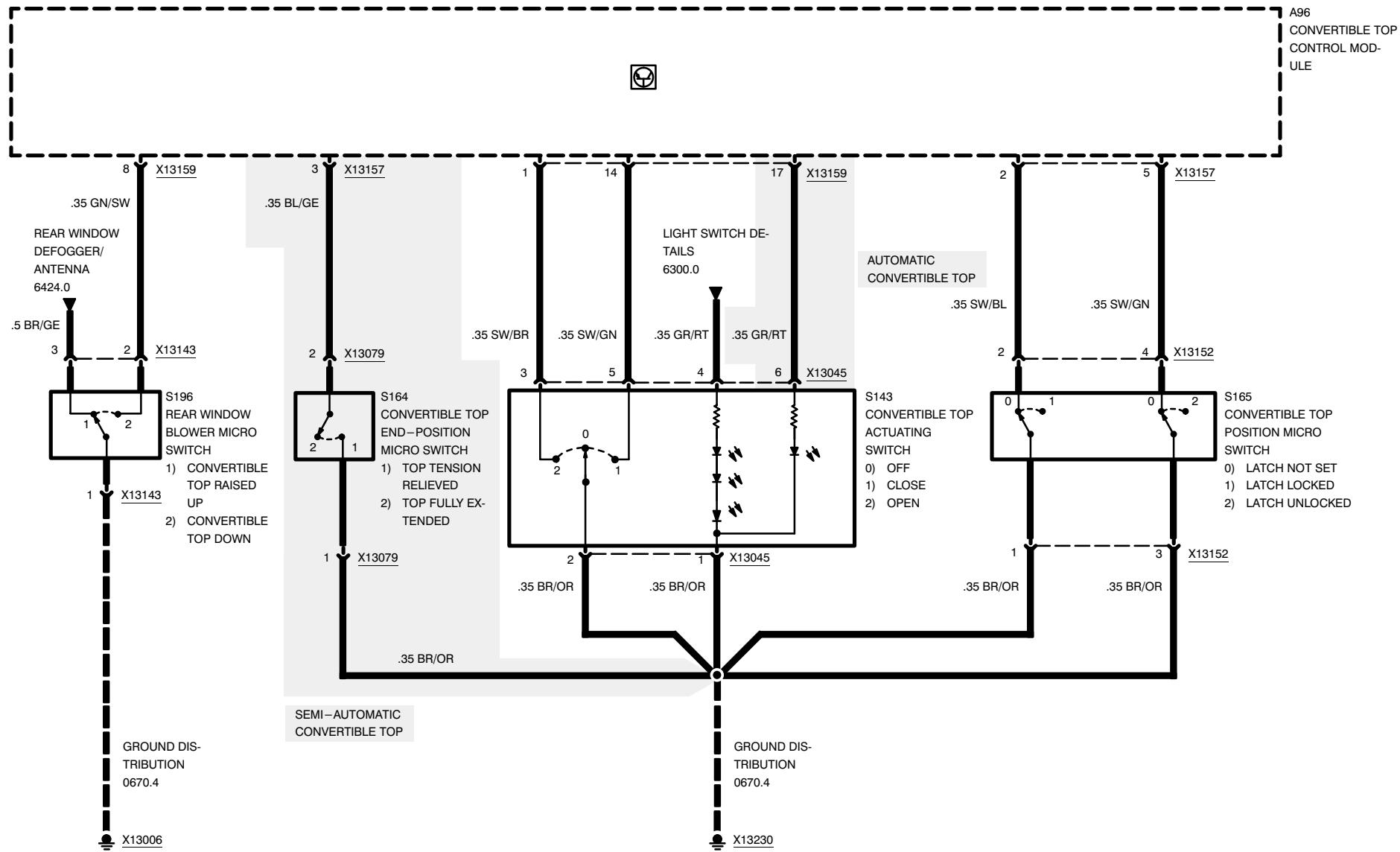
**Pin Assignments****X11390**

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		Not used	
9	E/A	ML VER	Windscreen cowl panel lock microswitch (automatic convertible top)
10	E/A	ML UNLOCKED	Windscreen cowl panel UNLOCKED (automatic convertible top)
11	E/A	ML KOSCHL	Body electronics control module (ZKE IV) (automatic convertible top)
12		Not used	

E = Input, A = Output, M = Ground

## ELECTRICAL CONVERTIBLE TOP



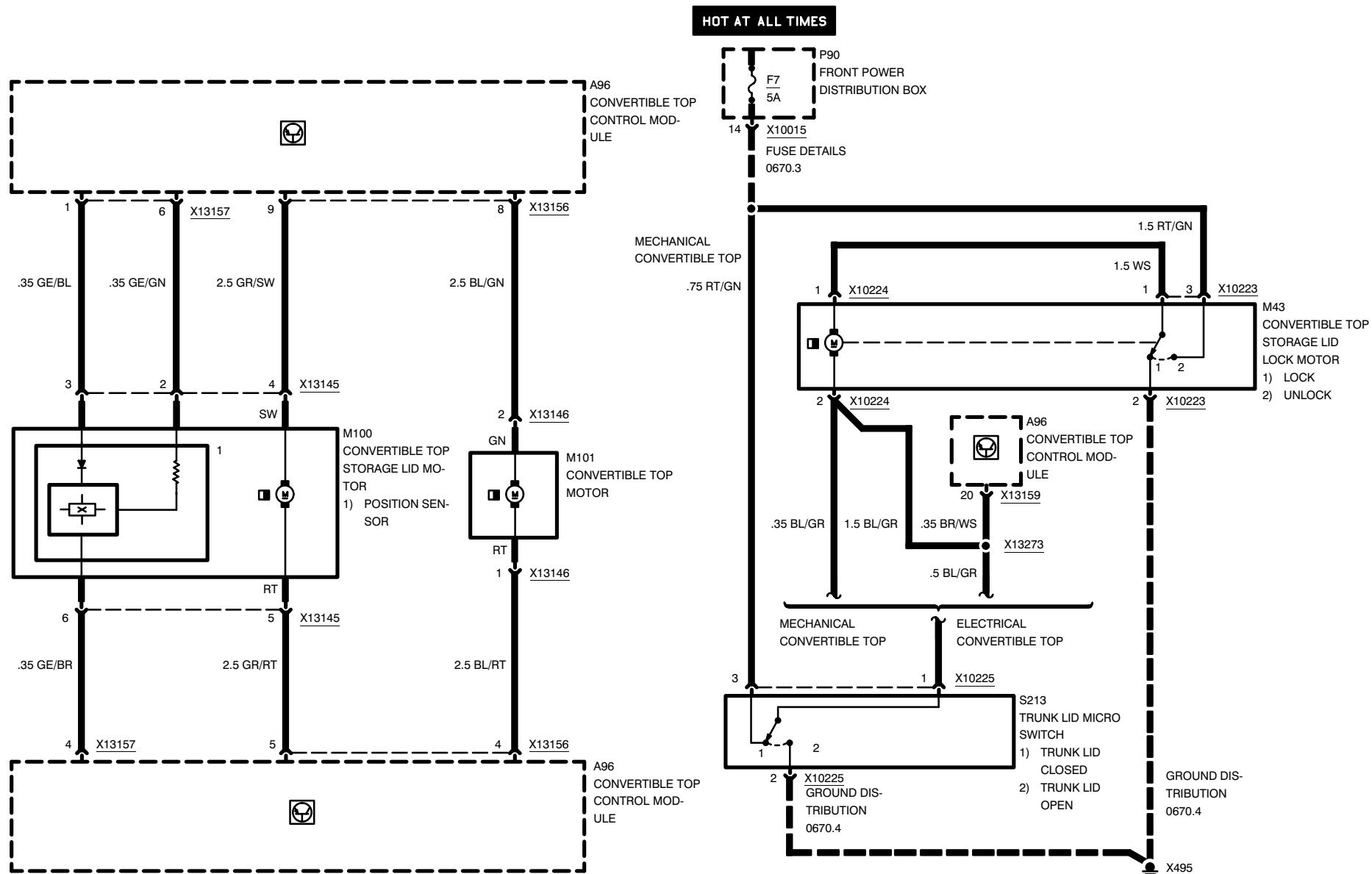


# ELECTRICAL CONVERTIBLE TOP

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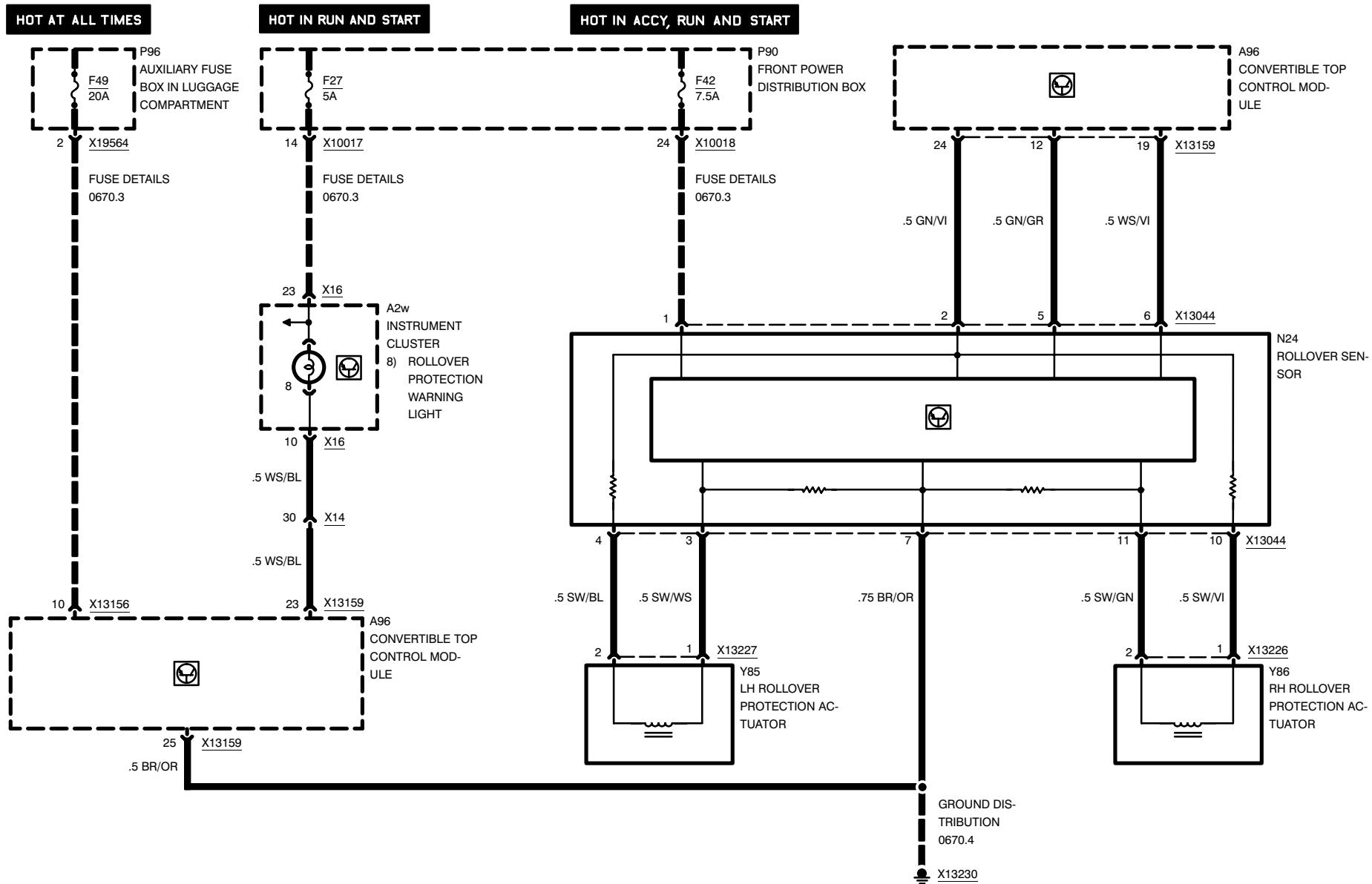


# ELECTRICAL CONVERTIBLE TOP ROLLOVER SENSOR

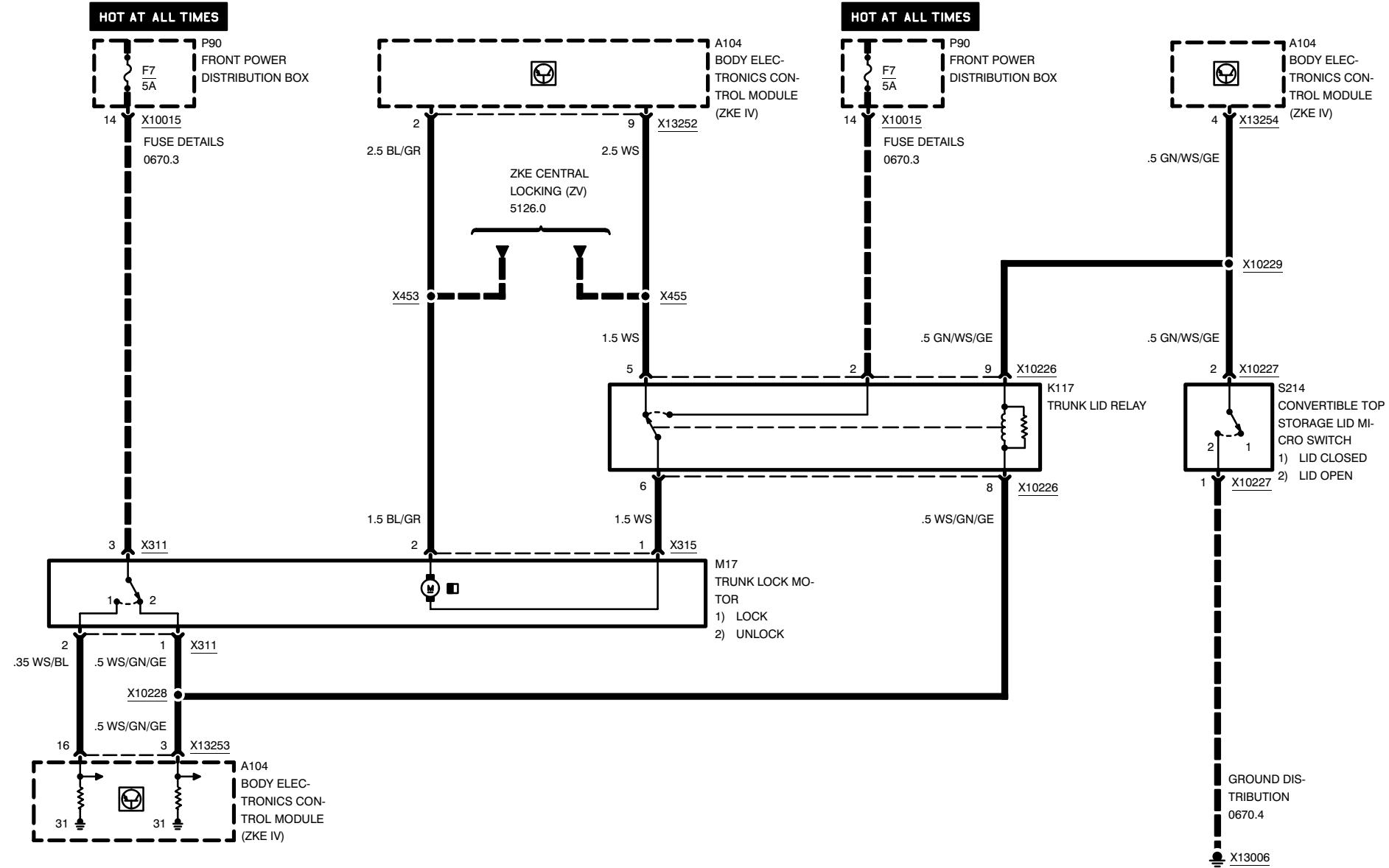
03/98

5430.1-03

1997



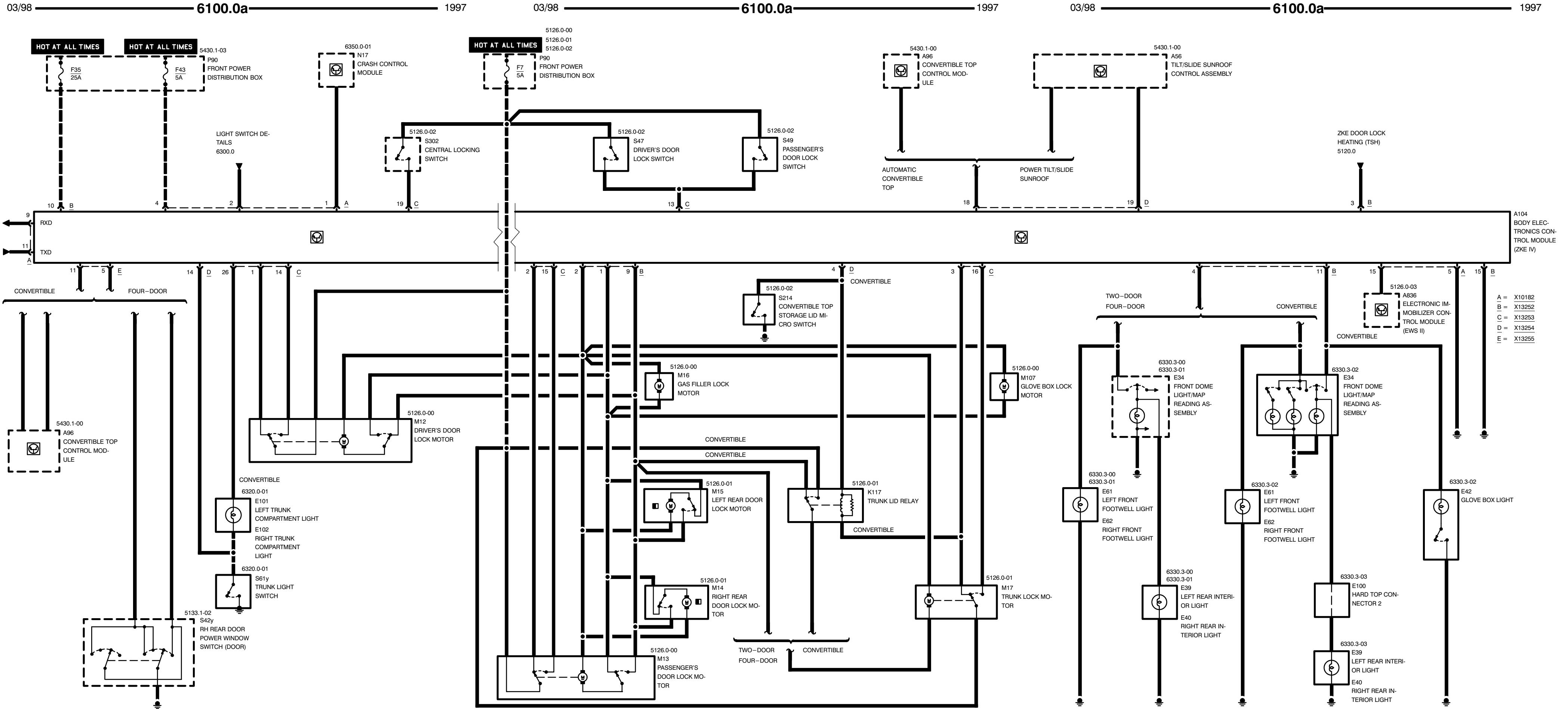
## ELECTRICAL CONVERTIBLE TOP

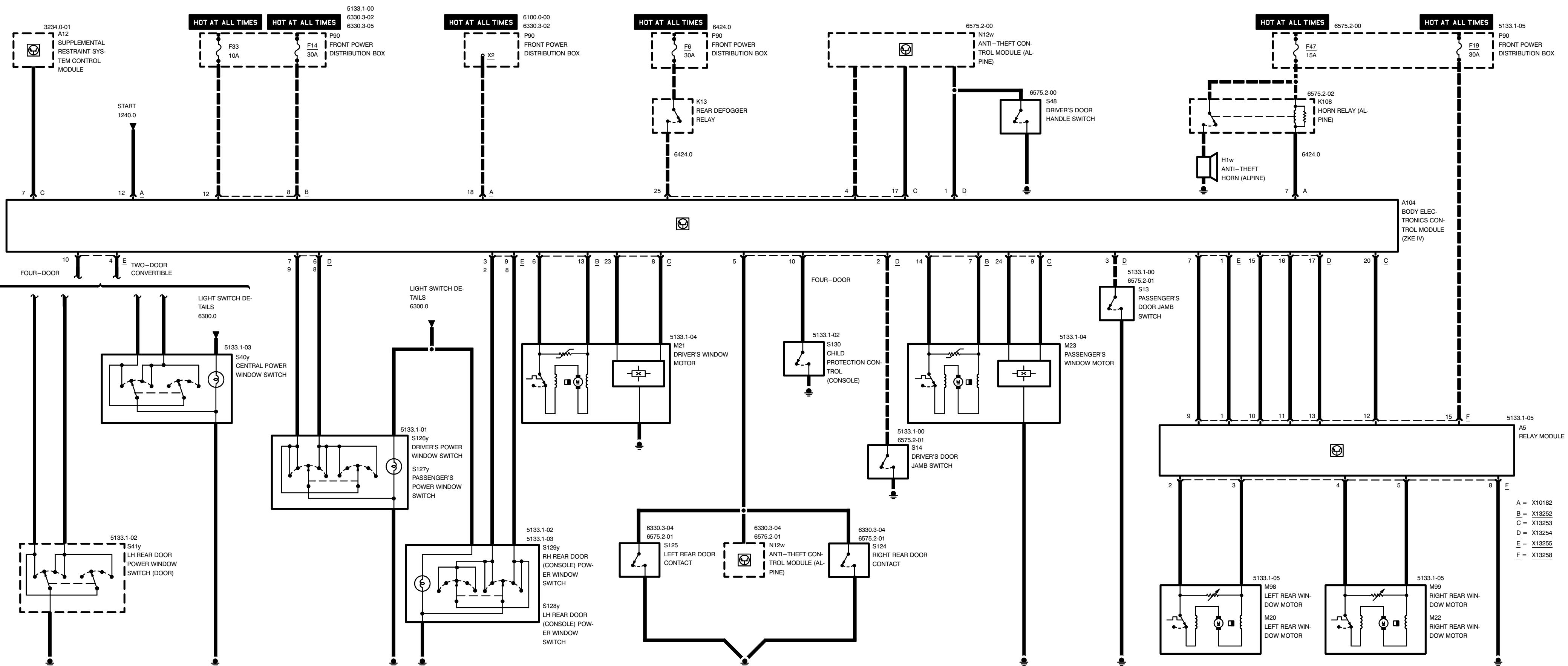


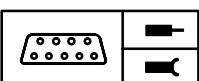
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1997







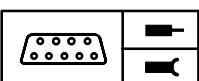
## Pin Assignments

E = X10182	18 Pins, black
F = X13252	15 Pins, black
G = X13253	26 Pins, yellow
H = X13254	26 Pins, green
I = X13255	26 Pins, nature
J = X13258	15 Pins, white

### X10182

Pin	Type	Description/Function	Connection
1	E	Crash signal	Crash control unit
2	E	Light signal	Light switch
3		Not used	
4	E	Voltage supply, terminal R	Front power distribution box, fuse 43
5	M	Ground	Ground
6		Not used	
7	A	Activate relay	Horn relay (Alpine)
8		Not used	
9	A	RxD diagnosis signal	Data link connector
10		Not used	
11	E/A	TxD diagnosis signal	Data link connector
12	E	Start signal	Starter
13		Not used	
14		Not used	
15	A	Drive away protection	Electronic immobilizer control module (EWS II)
16		Not used	
17		Not used	
18	E	Power supply	Front power distribution box

E = Input, A = Output, M = Ground



## Pin Assignments

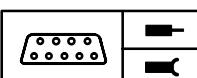
### X13252

Pin	Type	Description/Function	Connection
1	E	Power lock signal	Door lock motors
2	A	Voltage supply	All lock motors
3	A	Power supply	Door lock heating
4	E	Automatic interior light signal	Interior light
5		Not used	
6	A	Voltage supply	Power window motor driver's door
7	A	Voltage supply	Power window motor passenger's door
8	E	Power supply	Front power distribution box, fuse 14
9	E	Lock signal	Lock motor & trunk lid relay
10	E	Power supply	Front power distribution box, fuse 35
11	A	Voltage supply	Interior lights, engine compartment light, glove box light
12	E	Power supply	Front power distribution box, fuse 33
13	E	Motor signal	Power window motor driver's door
14	E	Motor signal	Power window motor passenger's door
15	M	Ground	Ground

### X13253

Pin	Type	Description/Function	Connection
1	E	Position signal	Door lock motor driver's door
2	E	Position signal	Door lock motor passenger's door
3	E	Lock signal trunk lid	Trunk lid lock motor, trunk lid relay
4	E	Data signal	Anti-theft system control module (Alpine)
5		Not used	
6		Not used	
7	E	Crash signal	Inertia switch
8	E	Revolution signal	Power window motor driver's door
9	E	Revolution signal	Power window motor passenger's door
10		Not used	

E = Input, A = Output, M = Ground



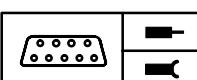
## Pin Assignments

Pin	Type	Description/Function	Connection
11		Not used	
12		Not used	
13	E	Central arrest signal	Door lock switches
14	E	Lock signal driver's door	Door lock motor driver's door
15	E	Lock signal passenger's door	Door lock motor passenger's door
16	E	Lock signal trunk lid	Trunk lid lock motor
17	E	Data signal	Anti-theft system control module (Alpine)
18		Not used	
19	E	Central locking signal	Central locking switch
20	E/A	Data signal	Relay module
21		Not used	
22		Not used	
23	A	Plus supply (revolution)	Power window's motor driver's side
24	A	Voltage supply (revolution)	Power window's motor passenger's side
25	E	Rear defogger signal	Rear defogger relay
26	A	Voltage supply	Luggage compartment lights

## X13254

Pin	Type	Description/Function	Connection
1	E	Door signal	Driver's door handle switch
2	E	Door signal	Door jamb switch driver's door
3	E	Door signal	Door jamb switch passenger's door
4	E	Convertible: trunk lid signal Four-door: door signal	Trunk lid switch/trunk lid relay Door jump switch left rear
5	E	Door signal	Door jump switch right rear
6	E	OPEN signal	Power window switch driver's door
7	E	CLOSE signal	Power window switch driver's door
8	E	OPEN signal	Power window switch passenger's door
9	E	CLOSE signal	Power window switch passenger's door
10	E	Four-door: child protection signal	Child protection switch
11		Not used	

E = Input, A = Output, M = Ground



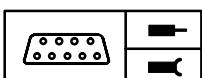
## Pin Assignments

Pin	Type	Description/Function	Connection
12		Not used	
13		Not used	
14	E	Trunk lid signal	Trunk lid switch
15	A	DATA signal	Relay module
16	A	DATA signal	Relay module
17	A	DATA signal	Relay module
18	A	Comfortable locking	Pop out window relay
19	A	Release sunroof	Sunroof control assembly
20		Not used	
21		Not used	
22		Not used	
23		Not used	
24		Not used	
25		Not used	
26		Not used	

## X13255

Pin	Type	Description/Function	Connection
1	A	DATA signal	Relay module
2	E	OPEN signal	Power window switch left rear
3	E	OPEN signal	Power window switch right rear
4	E	Convertible: OPEN signal Four-door: OPEN signal	Main power window switch Driver's rear window switch
5	E	Convertible: DATA signal Four-door: CLOSE signal	Convertible top control module Passenger's rear window switch
6		Not used	
7	A	DATA signal	Relay module
8	E	CLOSE signal	Power window switch left rear
9	E	CLOSE signal	Power window switch right rear
10	E	Convertible: CLOSE signal Four-door: CLOSE signal	Main power window switch Driver's window switch

E = Input, A = Output, M = Ground



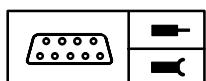
## Pin Assignments

Pin	Type	Description/Function	Connection
11	E	Convertible: DATA signal Four-door: OPEN signal	Convertible top control module Passenger's window switch
12		Not used	
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		Not used	
25		Not used	
26		Not used	

## X13258

Pin	Type	Description/Function	Connection
1	E	DATA signal	Central body electronic module
2	A	Voltage supply (motor)	Power window motor right rear
3	E	Signal	Power window motor right rear
4	E	Signal	Power window motor left rear
5	A	Voltage supply (motor)	Power window motor left rear
6		Not used	
7		Not used	
8	M	Ground	Ground
9	E	DATA signal	Central body electronic module
10	E/A	DATA signal	Central body electronic module
11	E/A	DATA signal	Central body electronic module

E = Input, A = Output, M = Ground

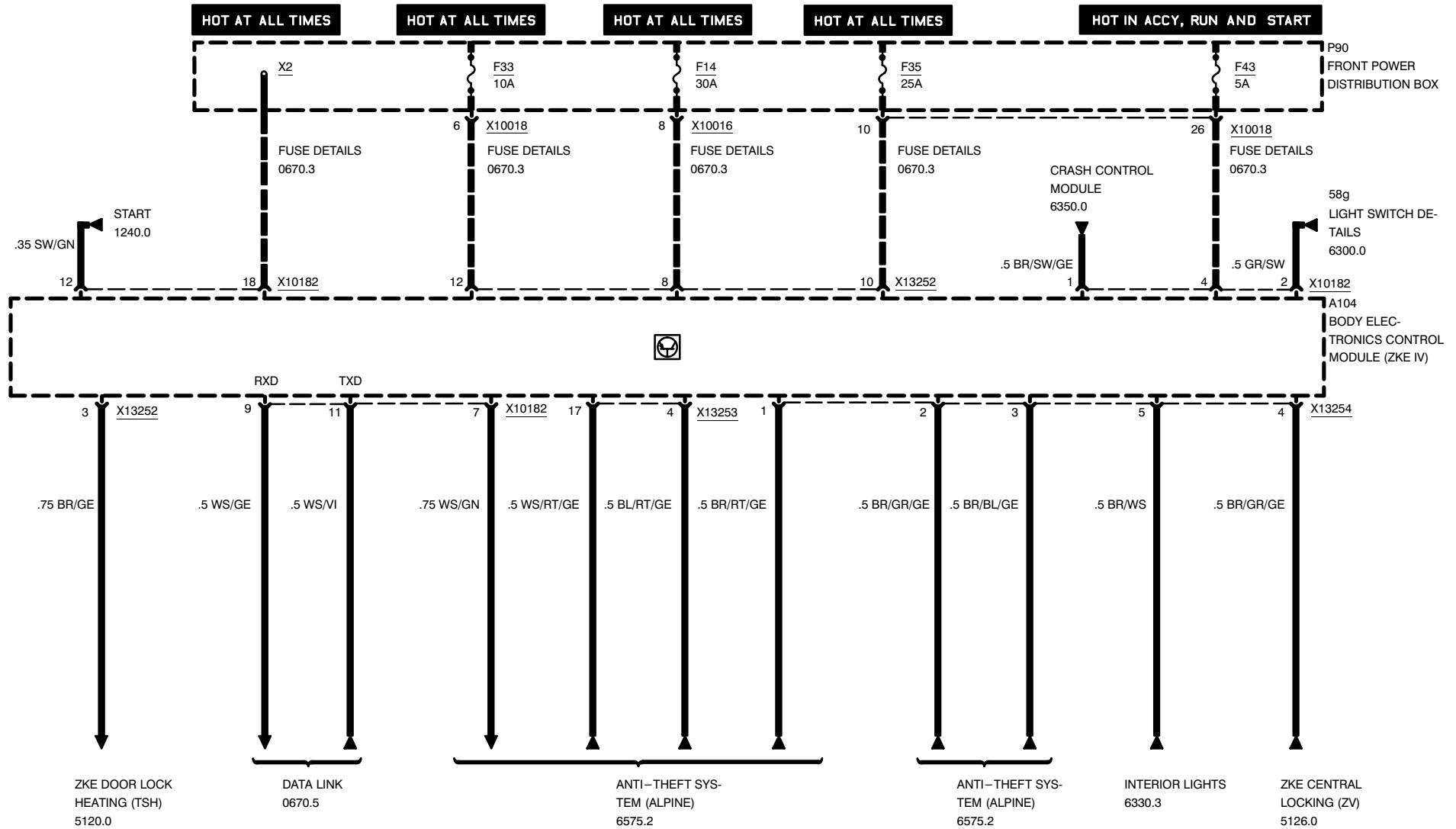


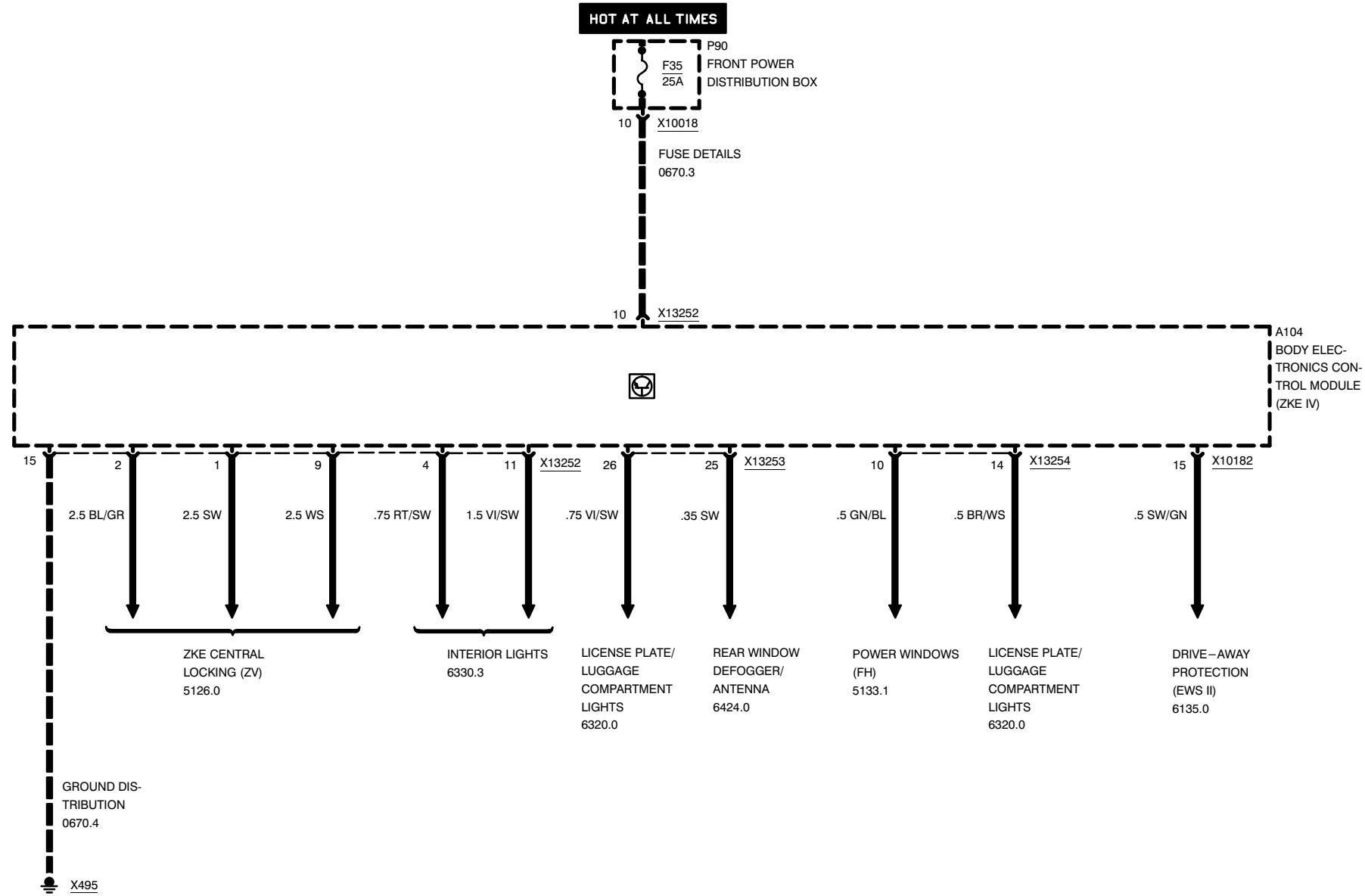
## Pin Assignments

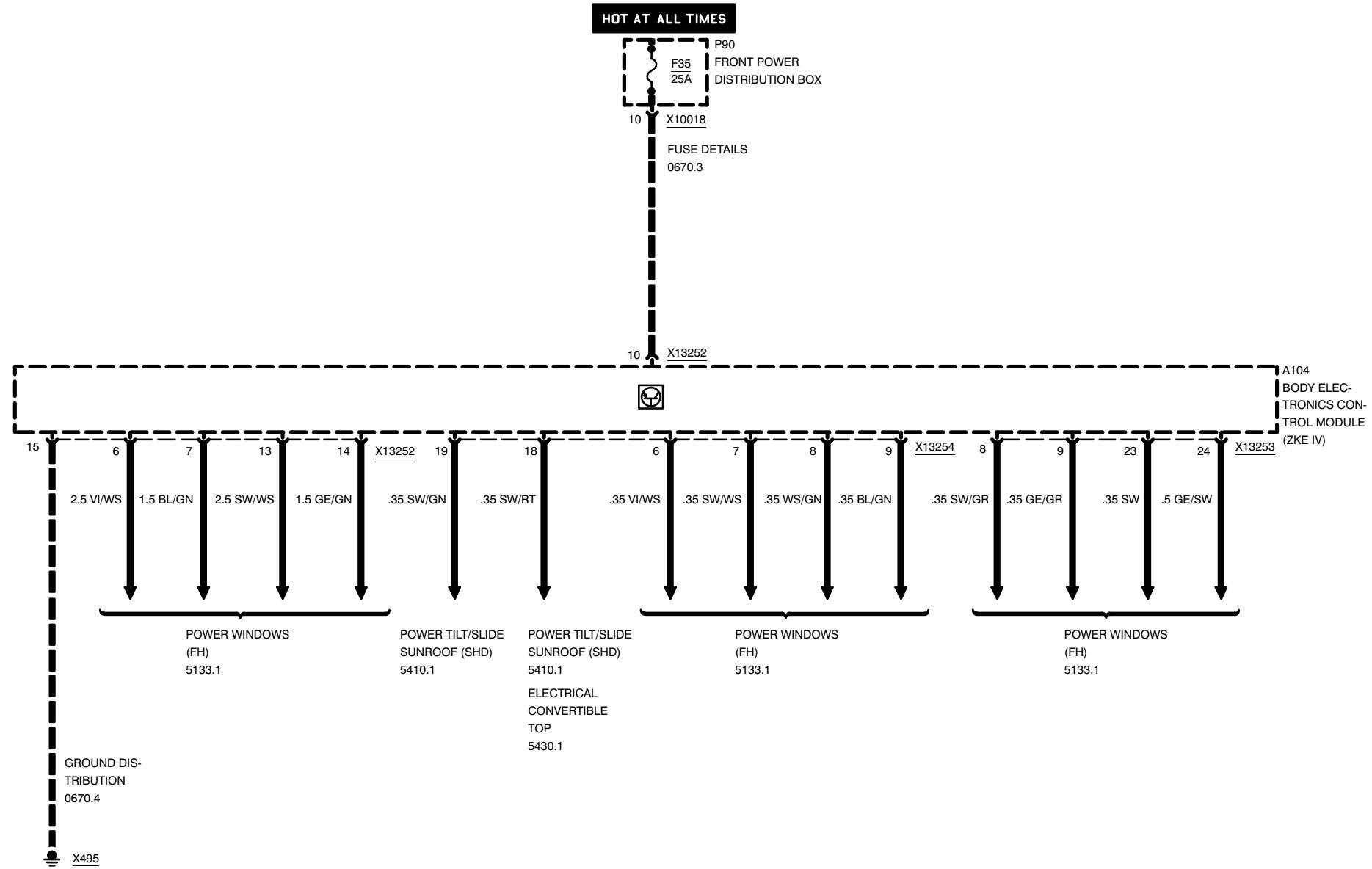
Pin	Type	Description/Function	Connection
12	E	DATA signal	Central body electronic module
13	E/A	DATA signal	Central body electronic module
14		Not used	
15	E	Power supply	Front power distribution box

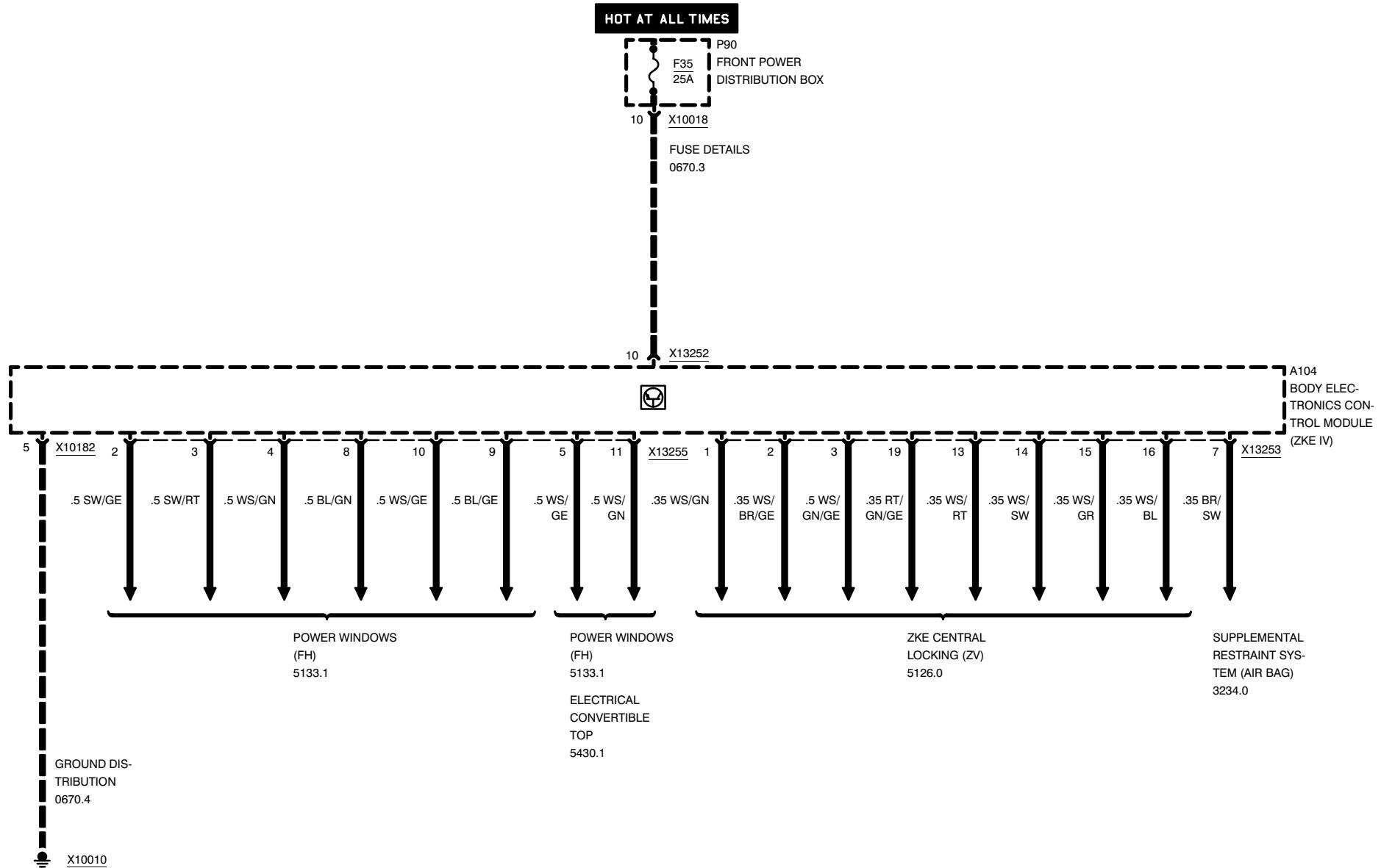
E = Input, A = Output, M = Ground

## CENTRAL BODY ELECTRONICS (ZKE IV)

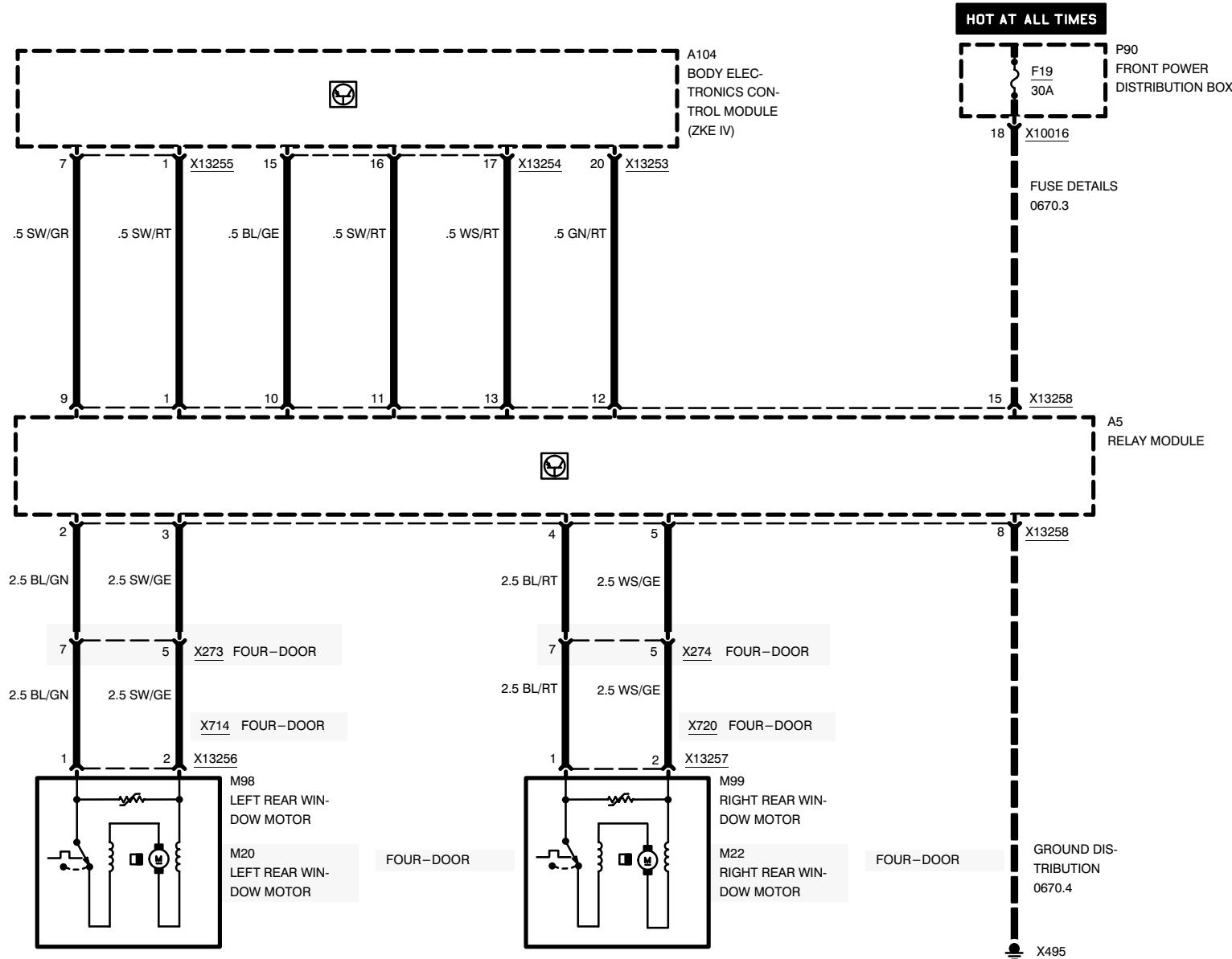


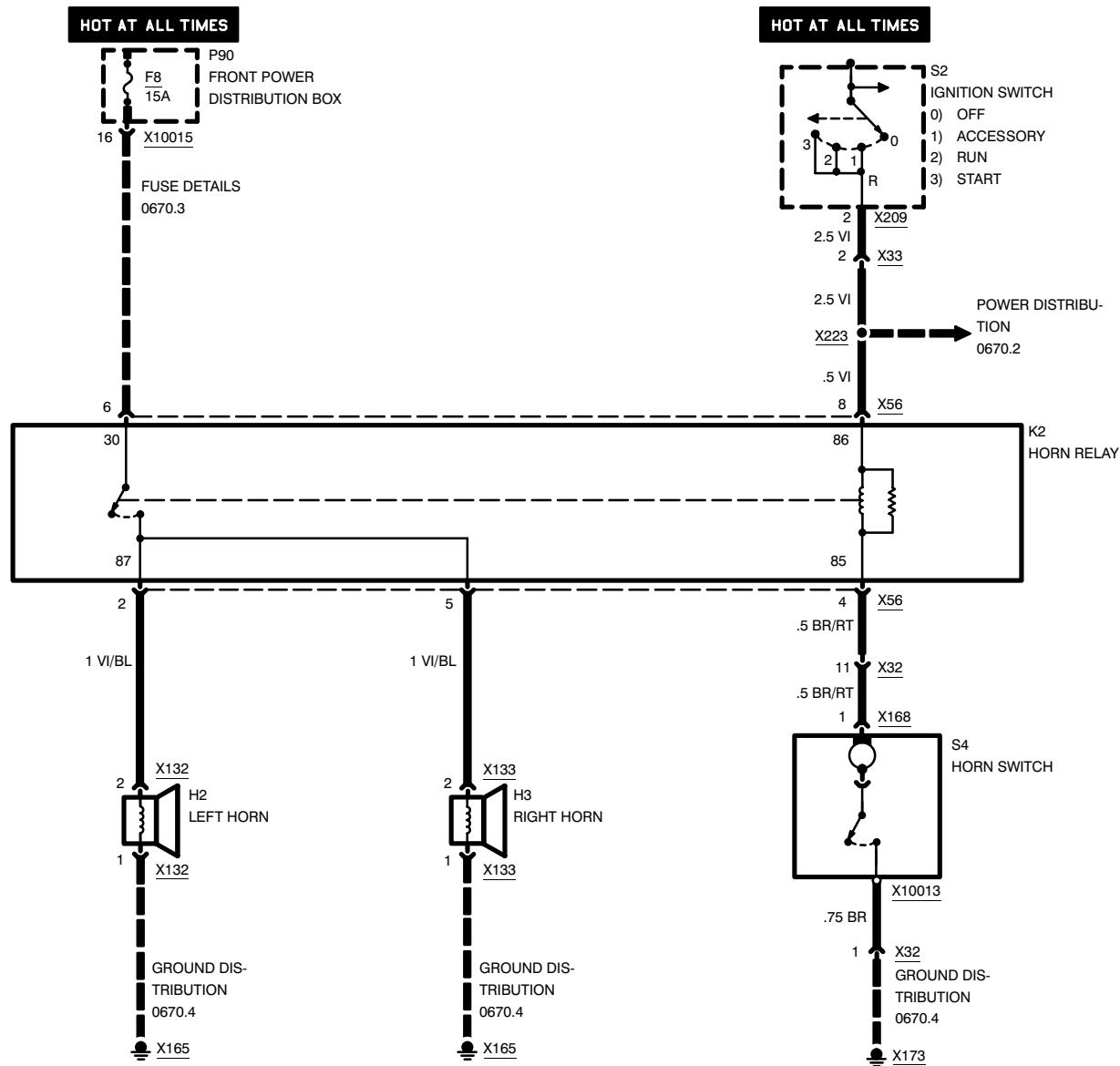






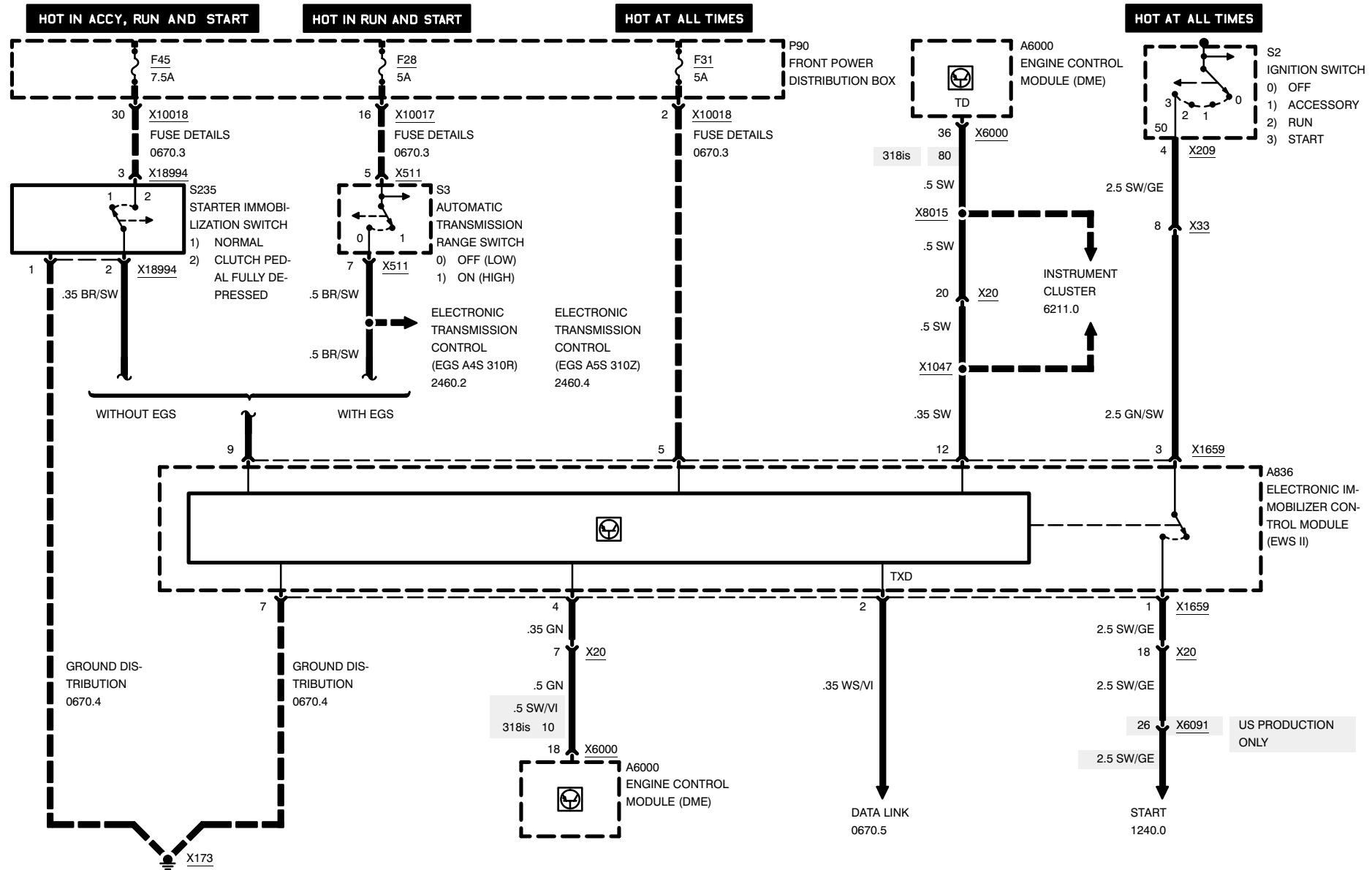
## CENTRAL BODY ELECTRONICS (ZKE IV)







## DRIVE-AWAY PROTECTION (EWS II)



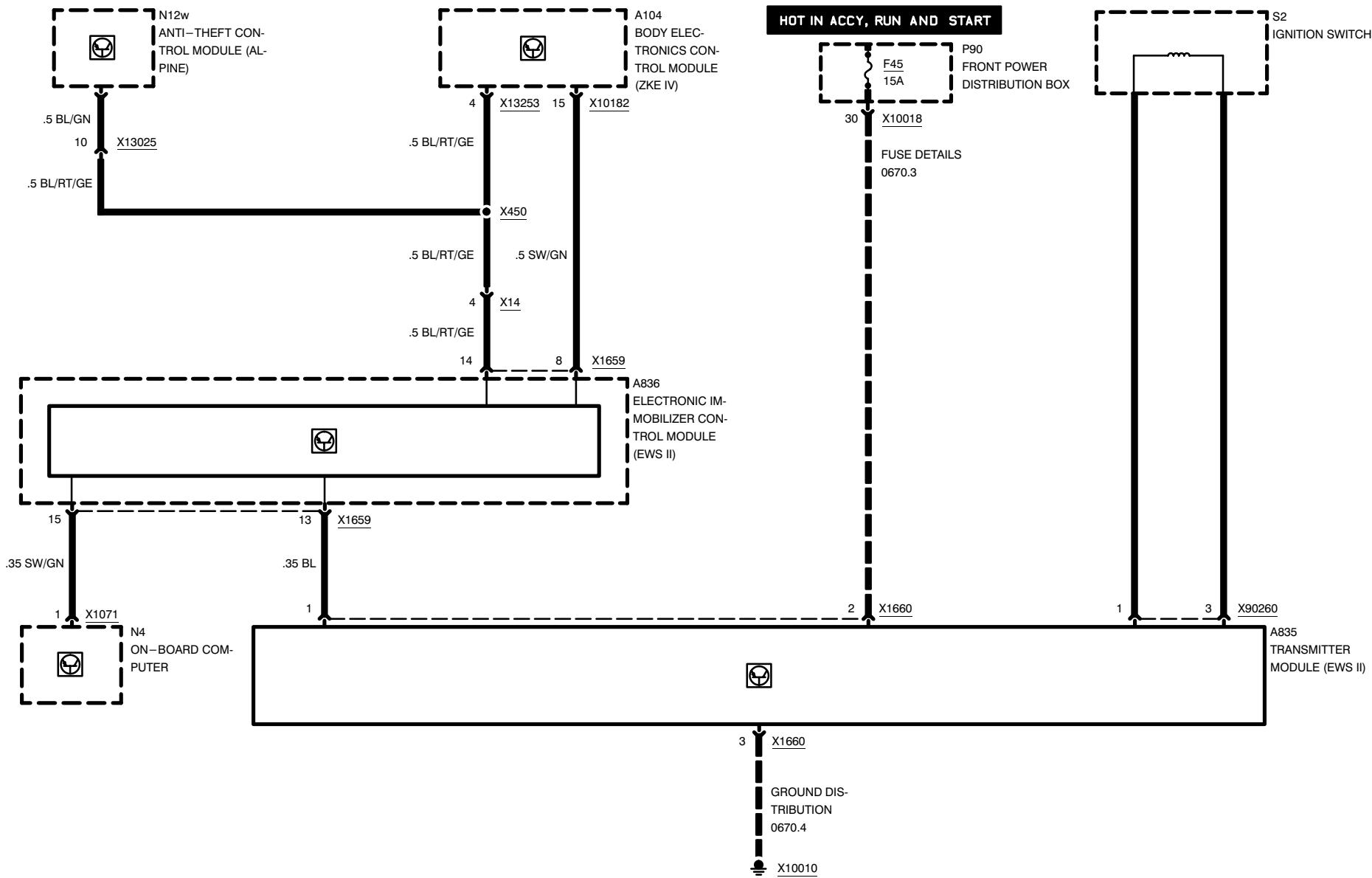


## DRIVE-AWAY PROTECTION (EWS II)

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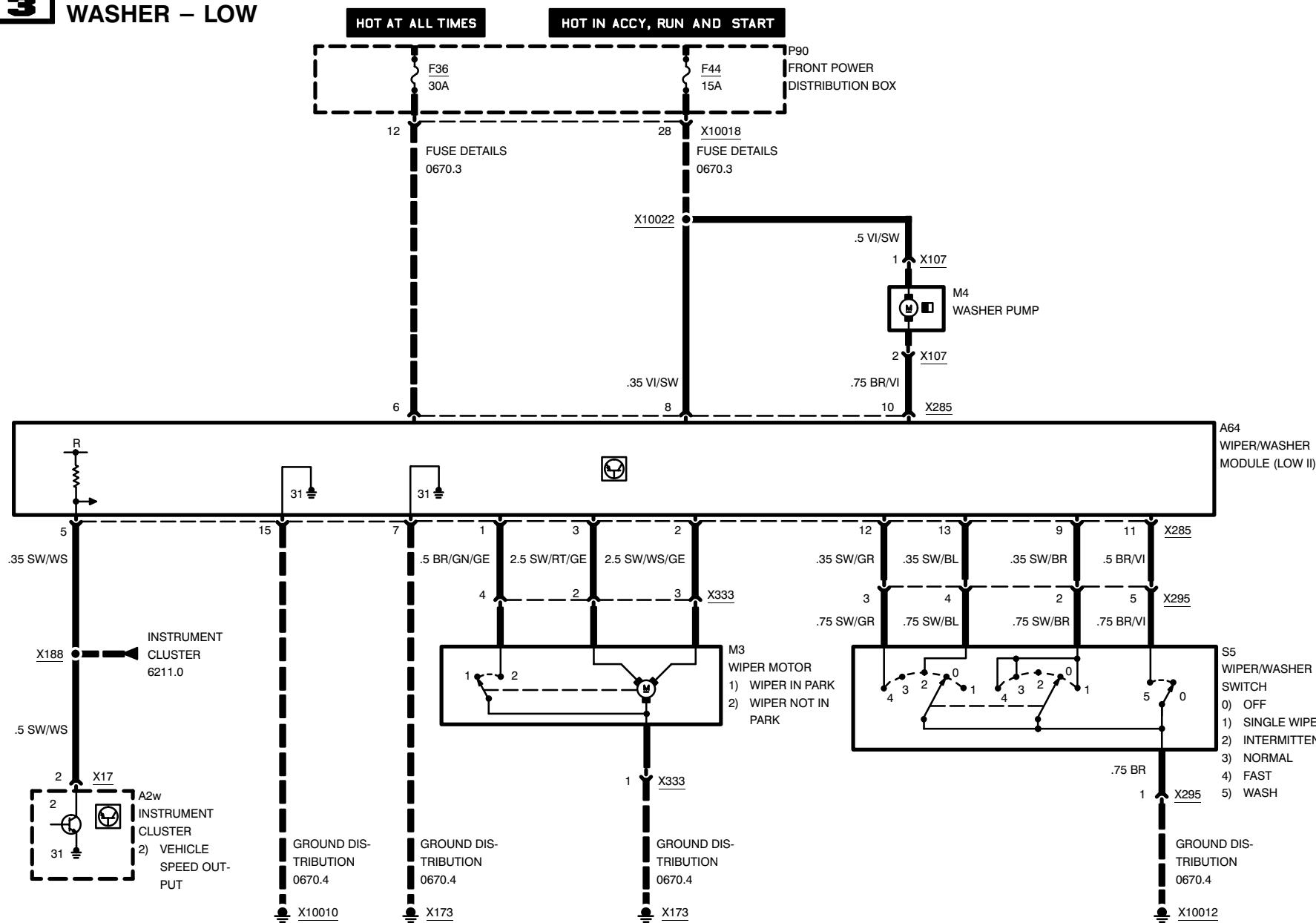
6135.0-01

1997



## WIPER/WASHER MODULE (WWM)

## WASHER – LOW





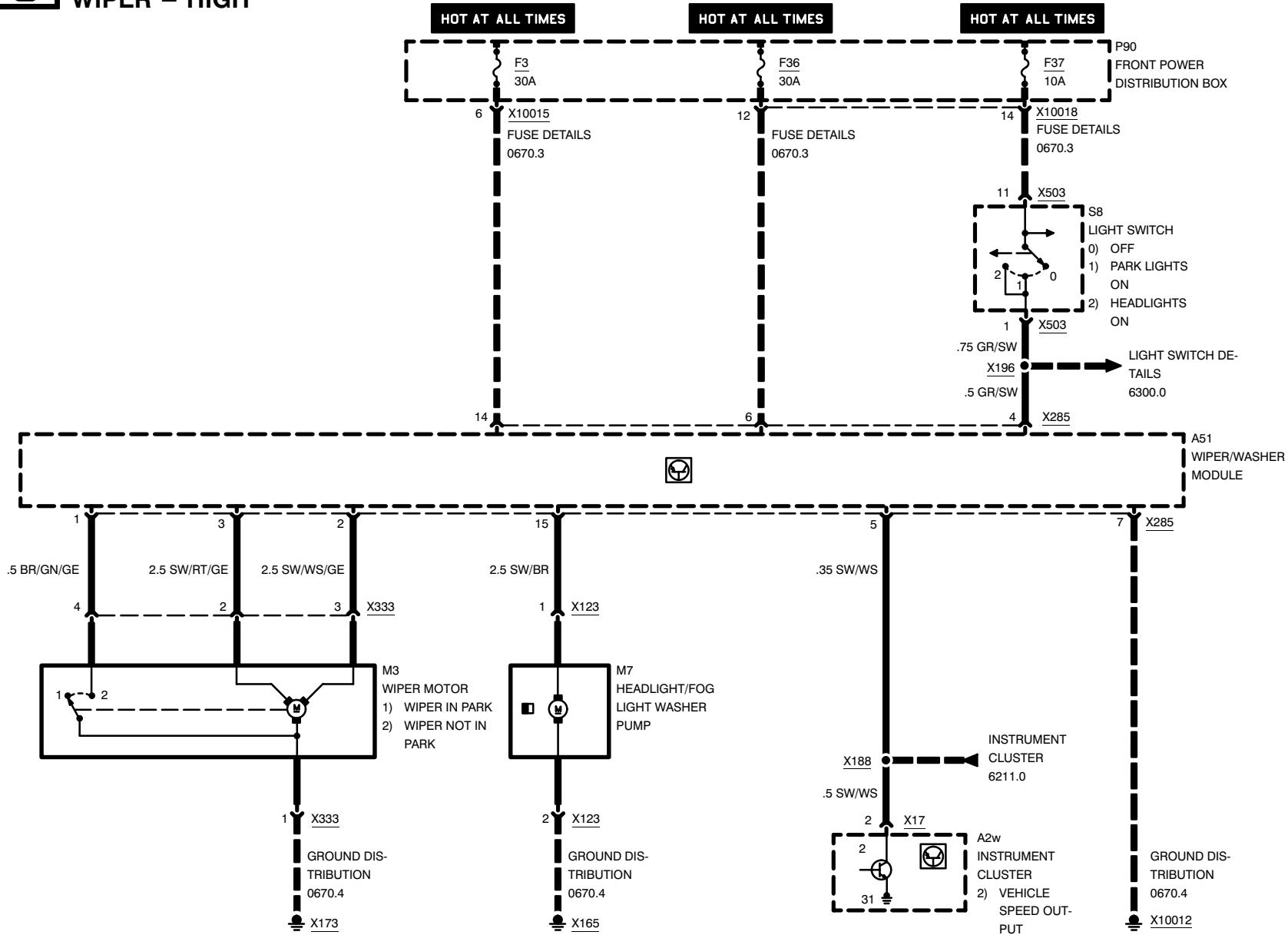
## WIPER/WASHER MODULE (WWM)

### WIPER - HIGH

03/98

6160.1-01

1997





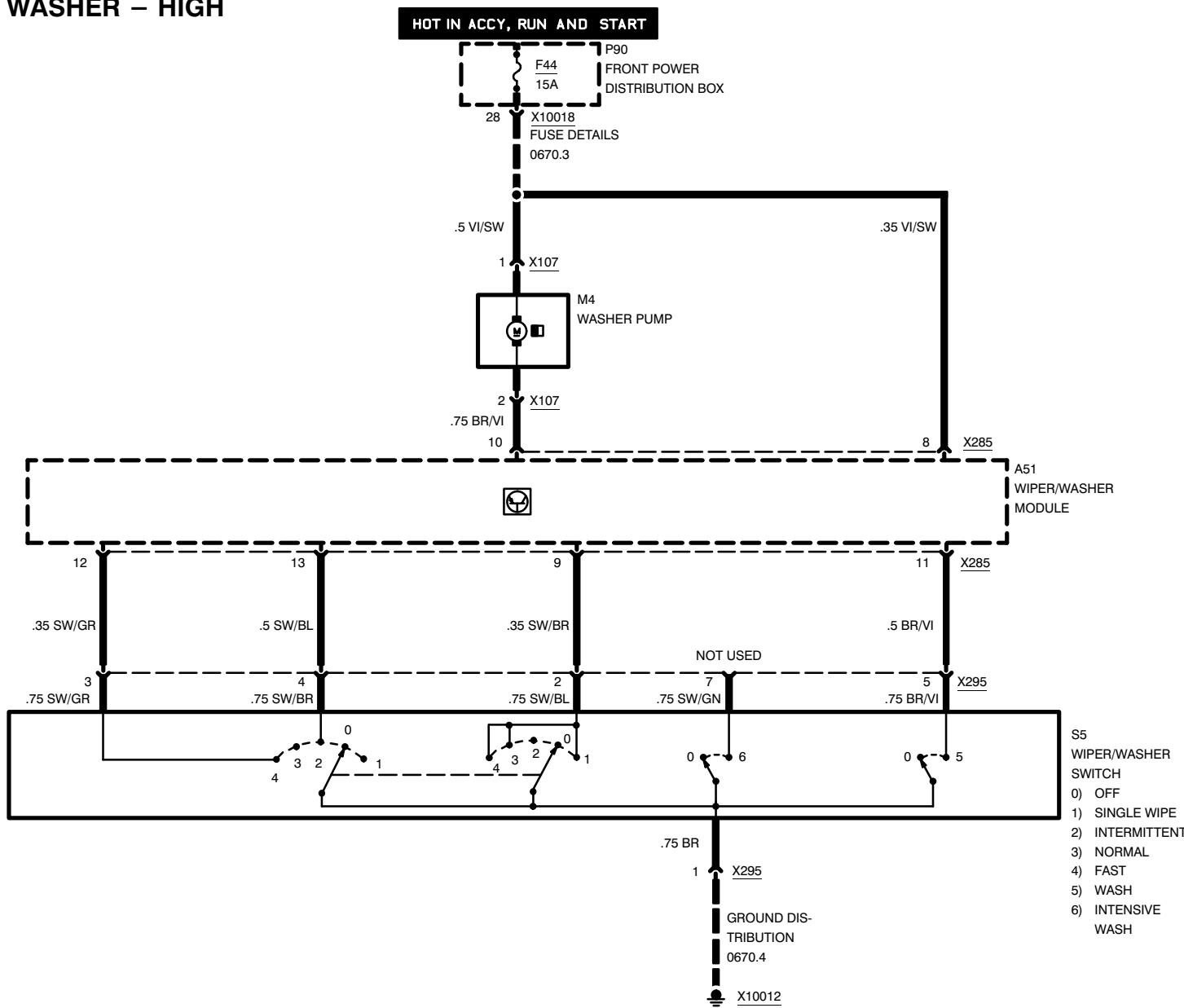
## WIPER/WASHER MODULE (WWM)

### WASHER – HIGH

03/98

6160.1-02

1997

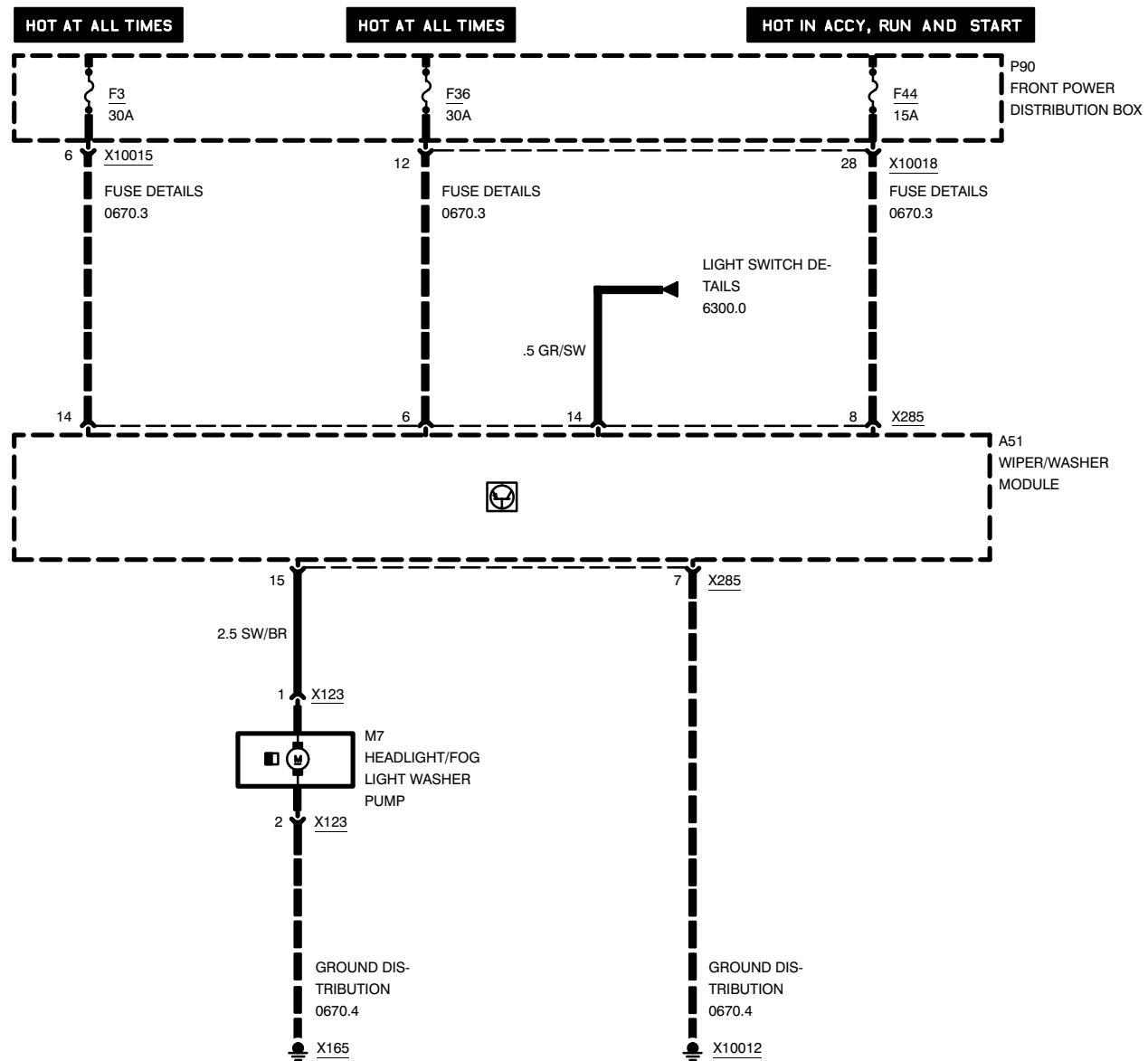


# HEADLIGHT WASHER (SRA)

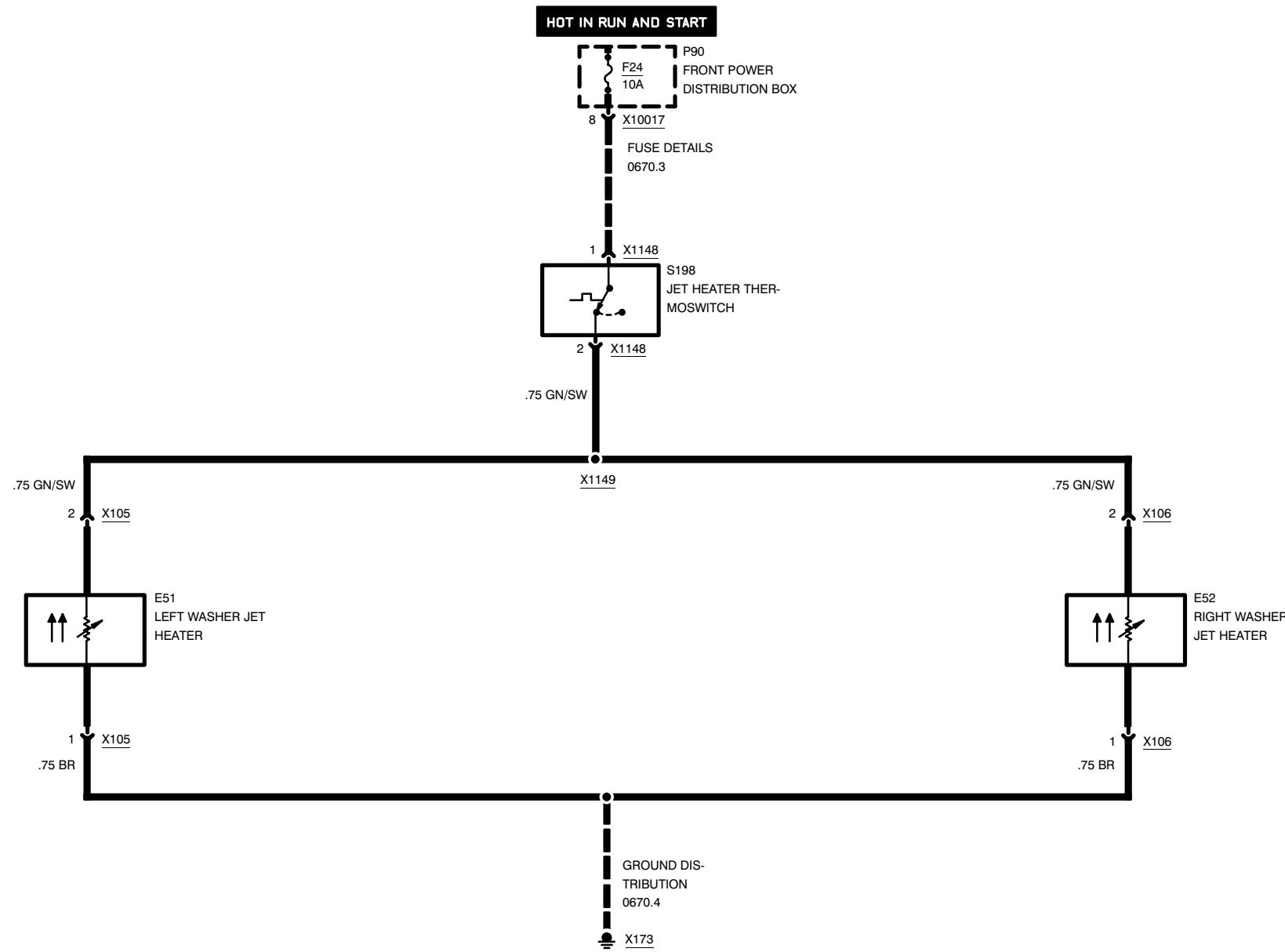
03/98

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1997



## WINDSHIELD WASHER JET HEATERS



03/98

**6211.0**

1997

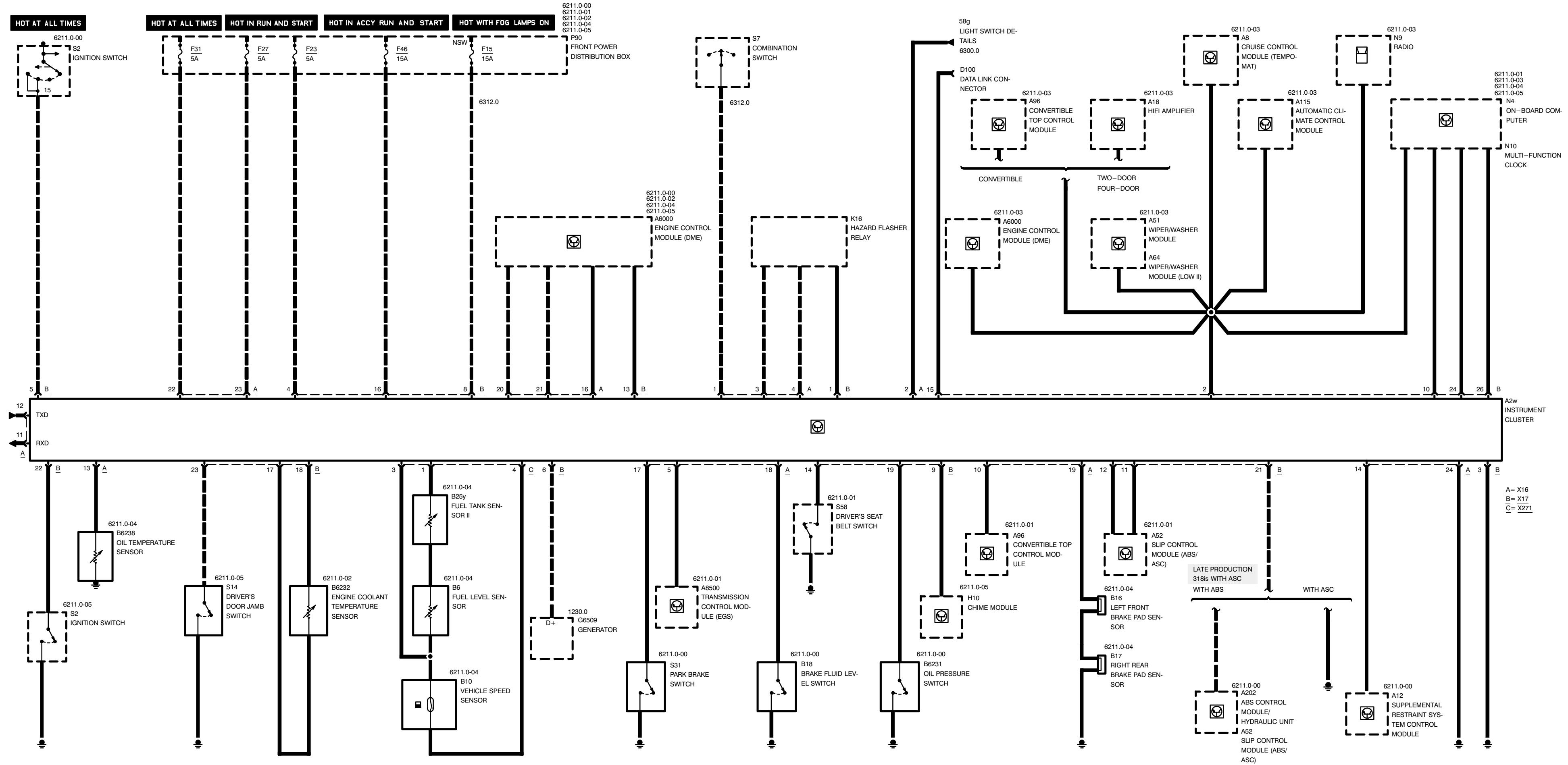
03/98

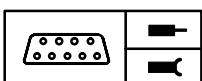
**6211.0**

1997

**6211.0**

1997



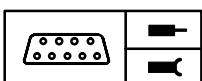


## Pin Assignments

### X16

Pin	Type	Description/Function	Connection
1	E	High beam indicator control	Combination switch
2	E	Terminal 58g, instrument illumination power	Dimmer
3	E	Right turn signal indicator control	Hazard flasher relay
4	E	Left turn signal indicator control	Hazard flasher relay
5	E	Warning lamp for EGS fault (information signal transmission oil temperature)	Transmission control module (EGS)
6		Not used	
7		Not used	
8		Not used	
9		Not used	
10	E	Convertible: Rollover signal	Convertible top control module
11	A	RxD diagnostic data link	Data link connector
12	E/A	TxD diagnostic data link	Data link connector
13	E	Oil temperature	Engine oil temperature sensor
14	E	Airbag warning lamp (SRS) control	Supplemental restraint system control module
15		Not used	
16	E	"Check engine" indicator control	Engine control module (DME)
17	E	Park brake warning lamp control	Park brake switch
18	E	Brake fluid warning lamp control	Brake fluid level switch
19	E	Brake pad wear warning lamp control	Brake pad sensors
20	E	Crankshaft RPM speed signal TD	Engine control module (DME)
21	E	Fuel consumption signal + KVA	Engine control module (DME)
22	E	Voltage supply, terminal 30	Front power distribution box, fuse 31
23	E	Voltage supply, terminal 15 for indicator and warning lamps	Front power distribution box, fuse 27
24	M	Ground supply, terminal 31 for instrument cluster electronics	Ground point
25		Not used	
26		Not used	

E = Input, A = Output, M = Ground

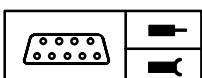


## Pin Assignments

### X17

Pin	Type	Description/Function	Connection
1	E	Trailer turn signal indicator control	Hazard flasher relay
2	A	Vehicle speed signal	Various control modules
3	M	Ground supply, terminal 31 for indicator and warning lamps	Ground point
4	E	Voltage supply, terminal 15 for instrument cluster electronics	Front power distribution box, fuse 23
5	E	Voltage supply, terminal 15 for battery charge indicator	Ignition switch, terminal 15
6	E	Ground supply, terminal 61 for battery charge indicator	Generator
7		Not used	
8	E	Fog light indicator control	Front power distribution box, fuse 15
9	A	Sound tone signal	Chime module
10	A	Information signal, fuel tank content	On-board computer
11	E	Slip control system warning lamp (ABS) control	Slip control module (ABS)
12	E	ASC signal	ASC control module
13	A	TI-measurement signal (fuel consumption)	Engine control module (DME)
14	E	Seat belt warning lamp control	Driver's seat belt switch
15	E	SIA reset/service interval indicator reset	Data link connector
16	E	Voltage supply, terminal R	Front power distribution box, fuse 46
17	A	Coolant temperature sensor	Coolant temperature sensor
18	E	Coolant temperature sensor	Coolant temperature sensor
19	E	Oil pressure warning lamp control	Oil pressure switch
20		Not used	
21	E	Ground	Ground point (with ASC)
21	E	Slip control system warning lamp (ABS) control	Slip control module (ABS/ASC) ABS control module/hydraulic unit (ABS)
22	E	Ignition key warning/audible ignition key warning	Ignition switch
23	E	Driver's door open	Driver's door jamb switch

E = Input, A = Output, M = Ground

**Pin Assignments**

Pin	Type	Description/Function	Connection
24	A	Dimmer signal/brightness information signal for connected control modules	On-board computer or multi-function clock
25		Not used	
26	E	Central indicator lamp/check-control	On-board computer or multi-function clock

**X271**

Pin	Type	Description/Function	Connection
1	A	Fuel level sensor	Fuel tank sensors
2		Not used	
3	A	Ground supply for fuel tank sensors and vehicle speed sensor	Fuel tank sensors and vehicle speed sensor
4	E	Position signal TW	Vehicle speed sensor
5		Not used	
6		Not used	
7		Not used	
8		Not used	
9		Not used	
10		Not used	
11		Not used	
12		Not used	

E = Input, A = Output, M = Ground



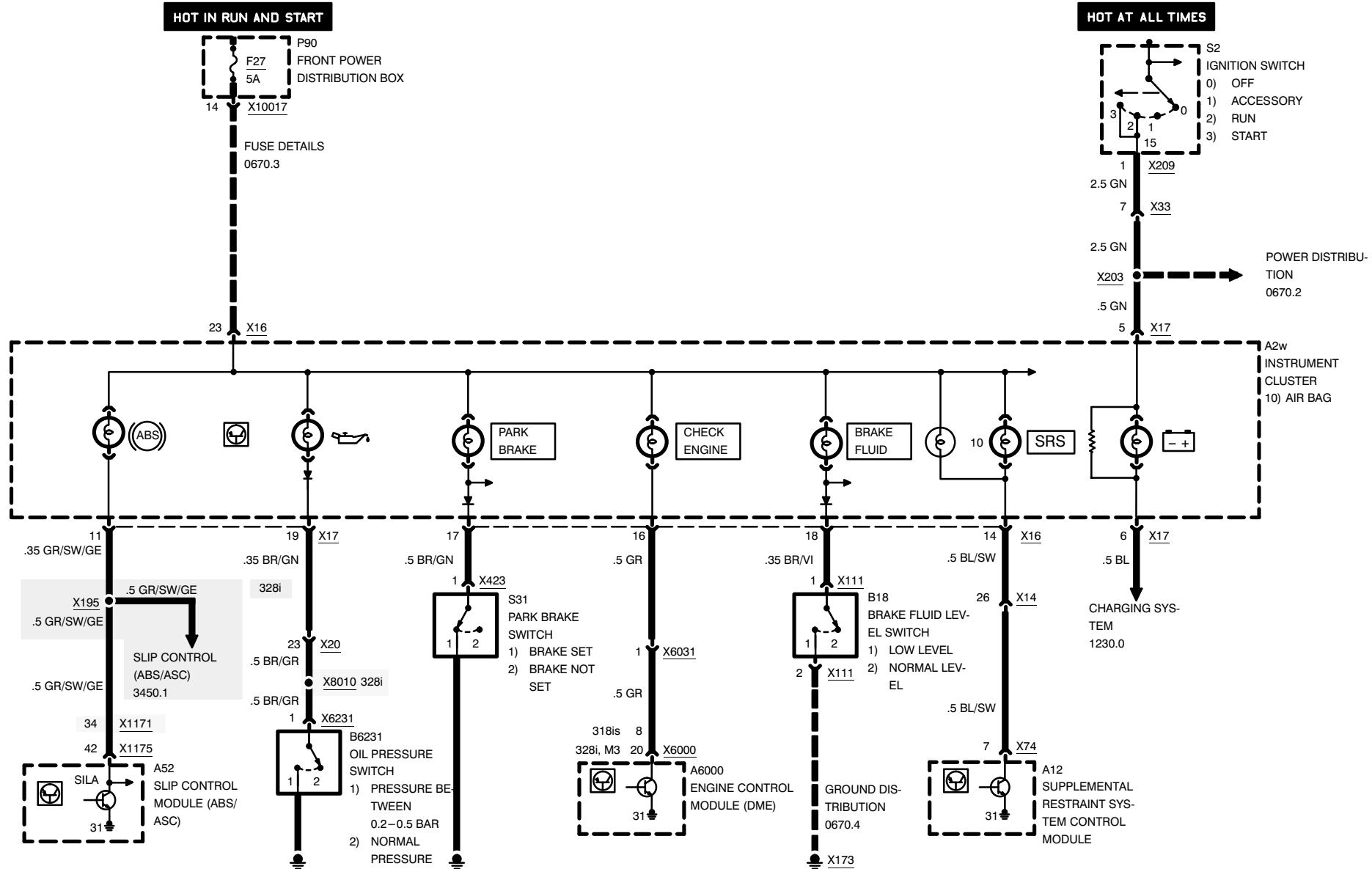
# INSTRUMENT CLUSTER

## INDICATORS

03/98

6211.0-00

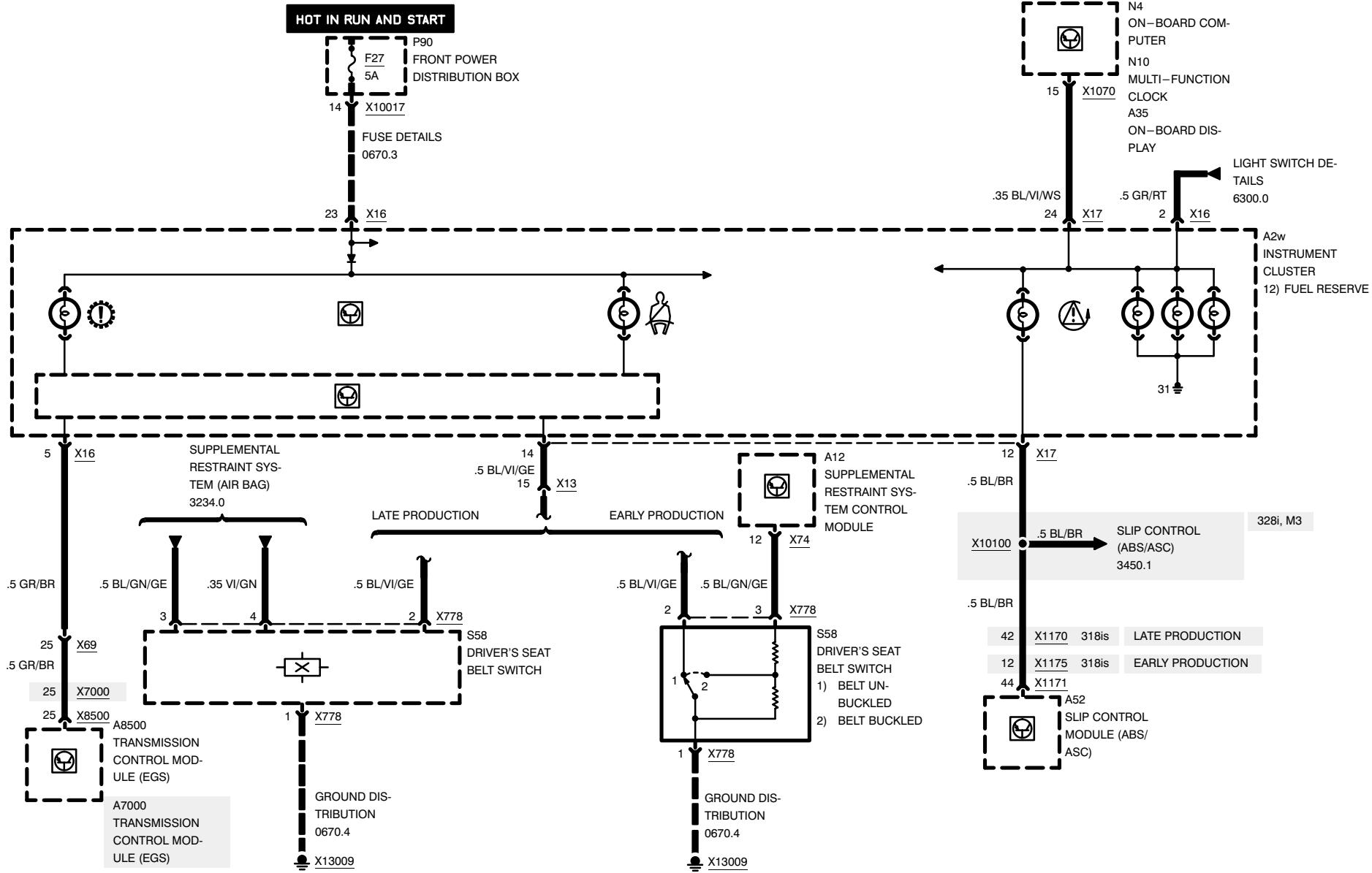
1997

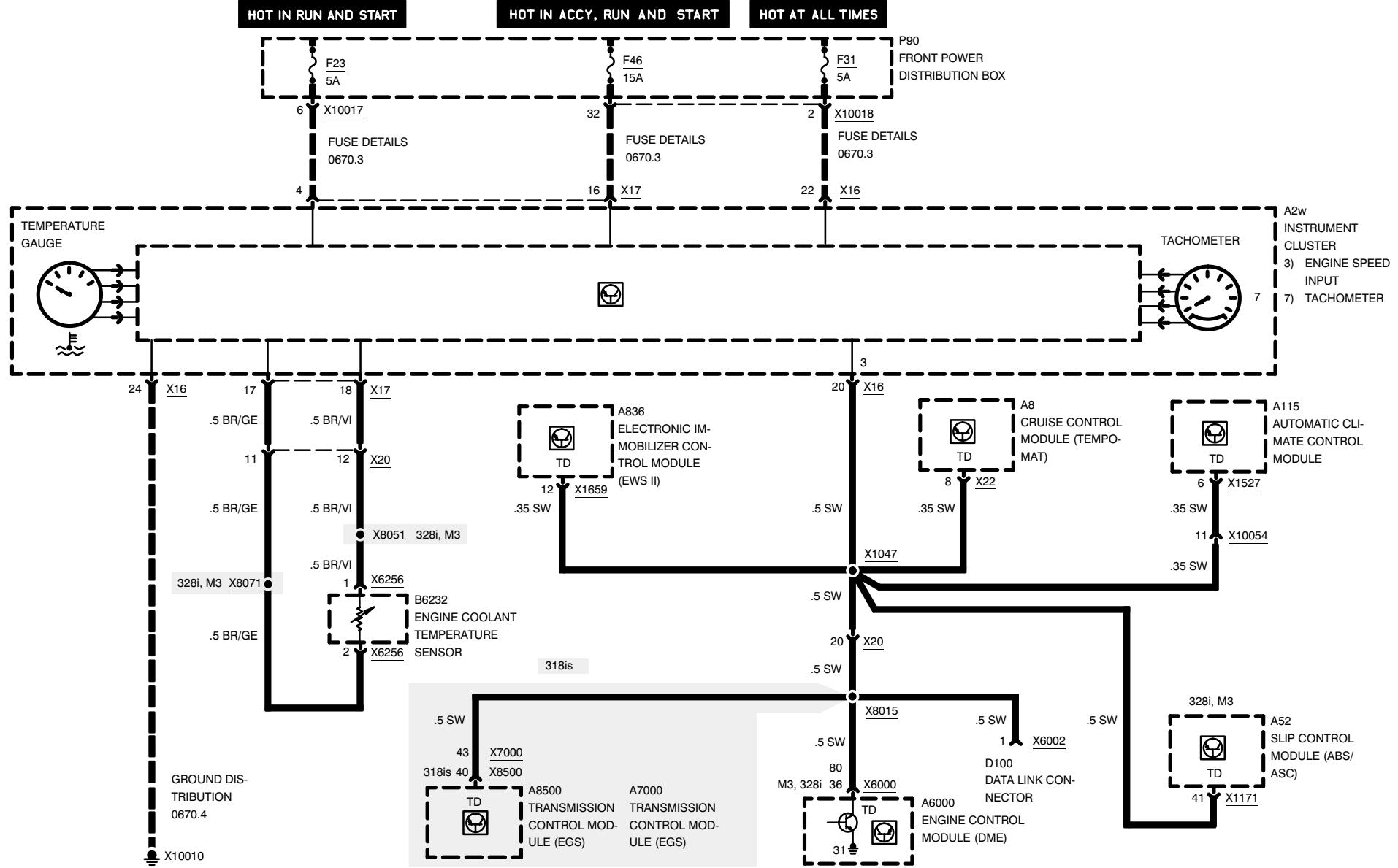




# INSTRUMENT CLUSTER

## INDICATORS





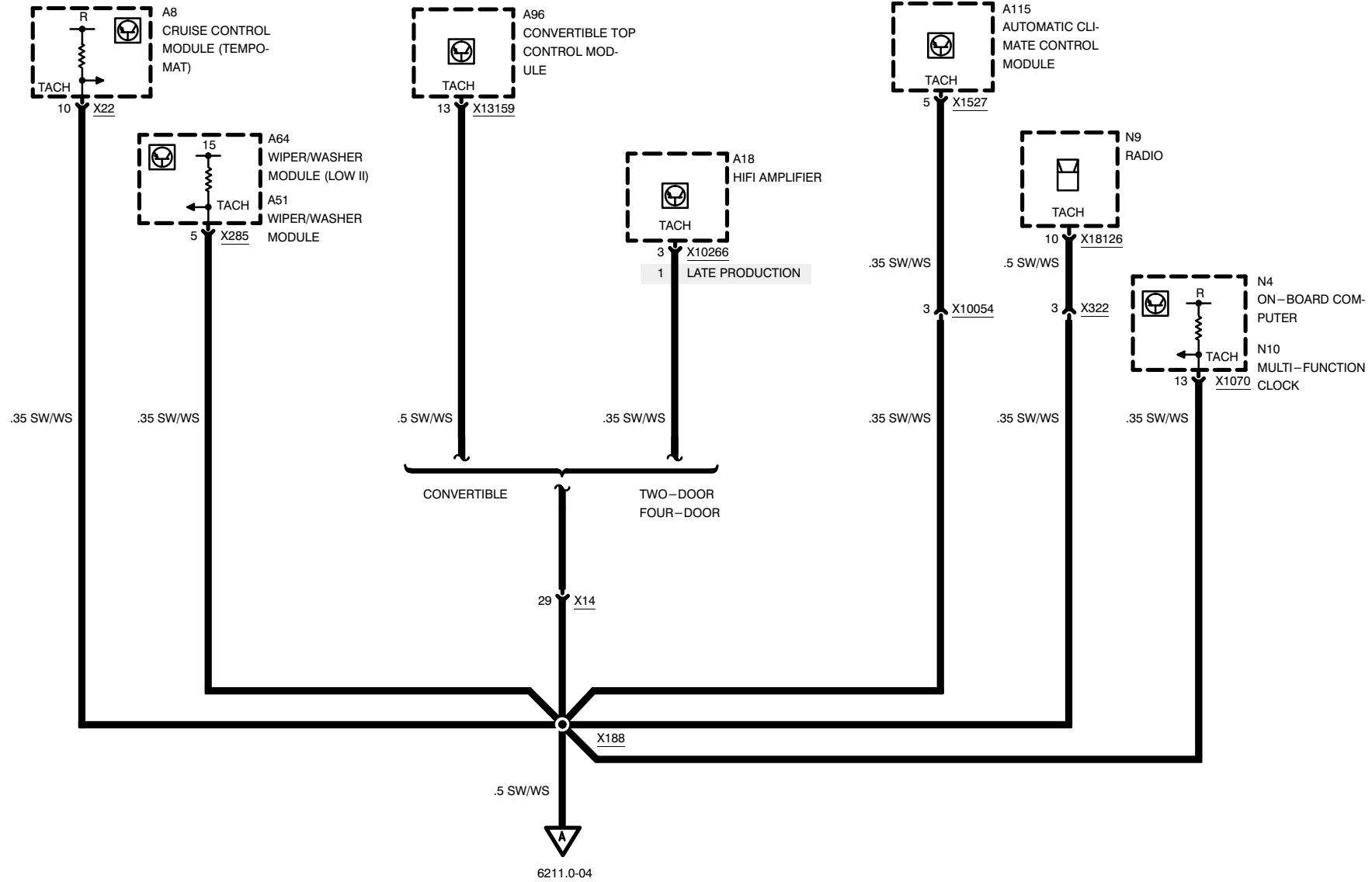
# INSTRUMENT CLUSTER

## SIGNAL-OUTPUT SPEEDOMETER

03/98

6211.0-03

1997





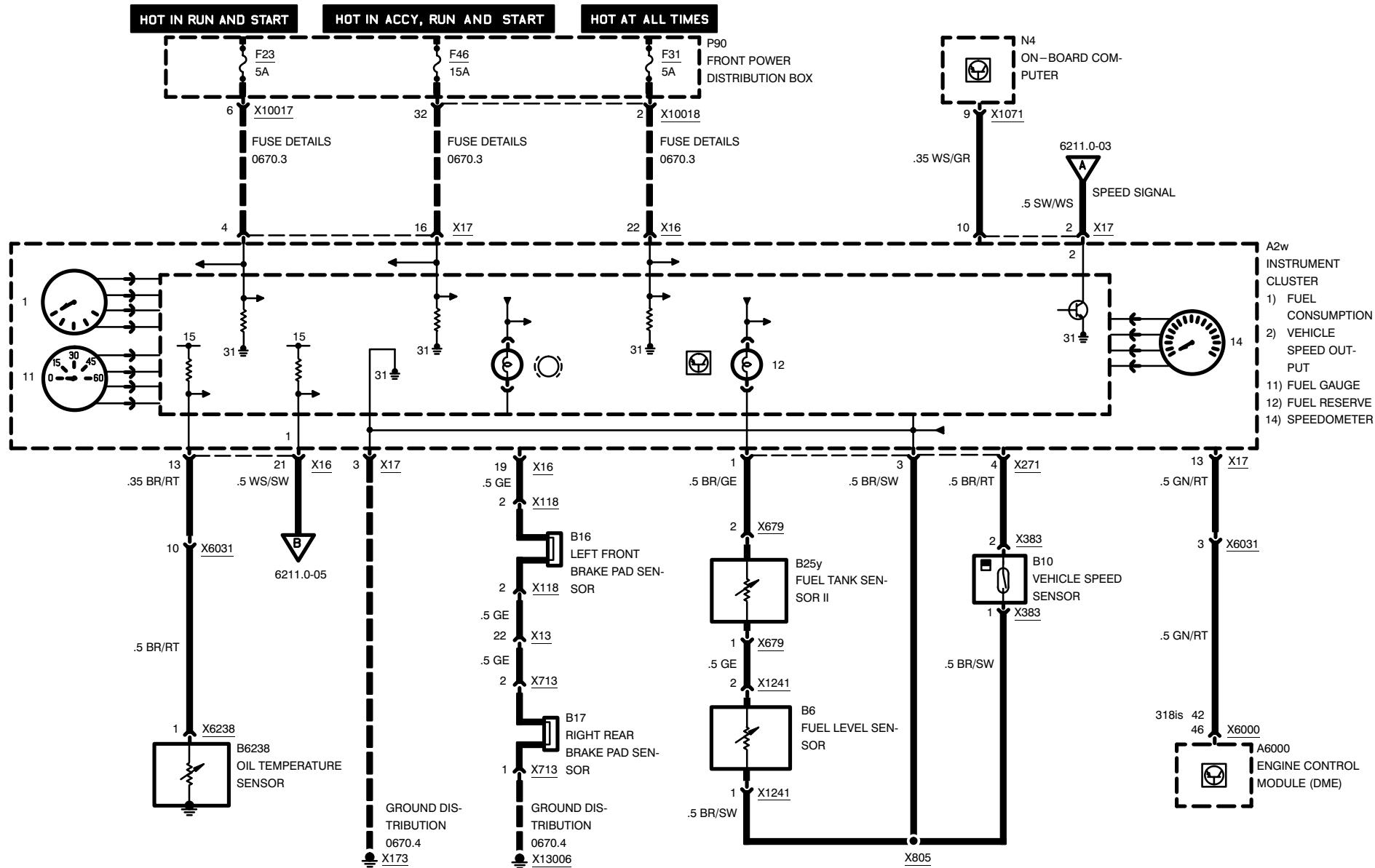
# INSTRUMENT CLUSTER

## INDICATORS

03/98

6211.0-04

1997





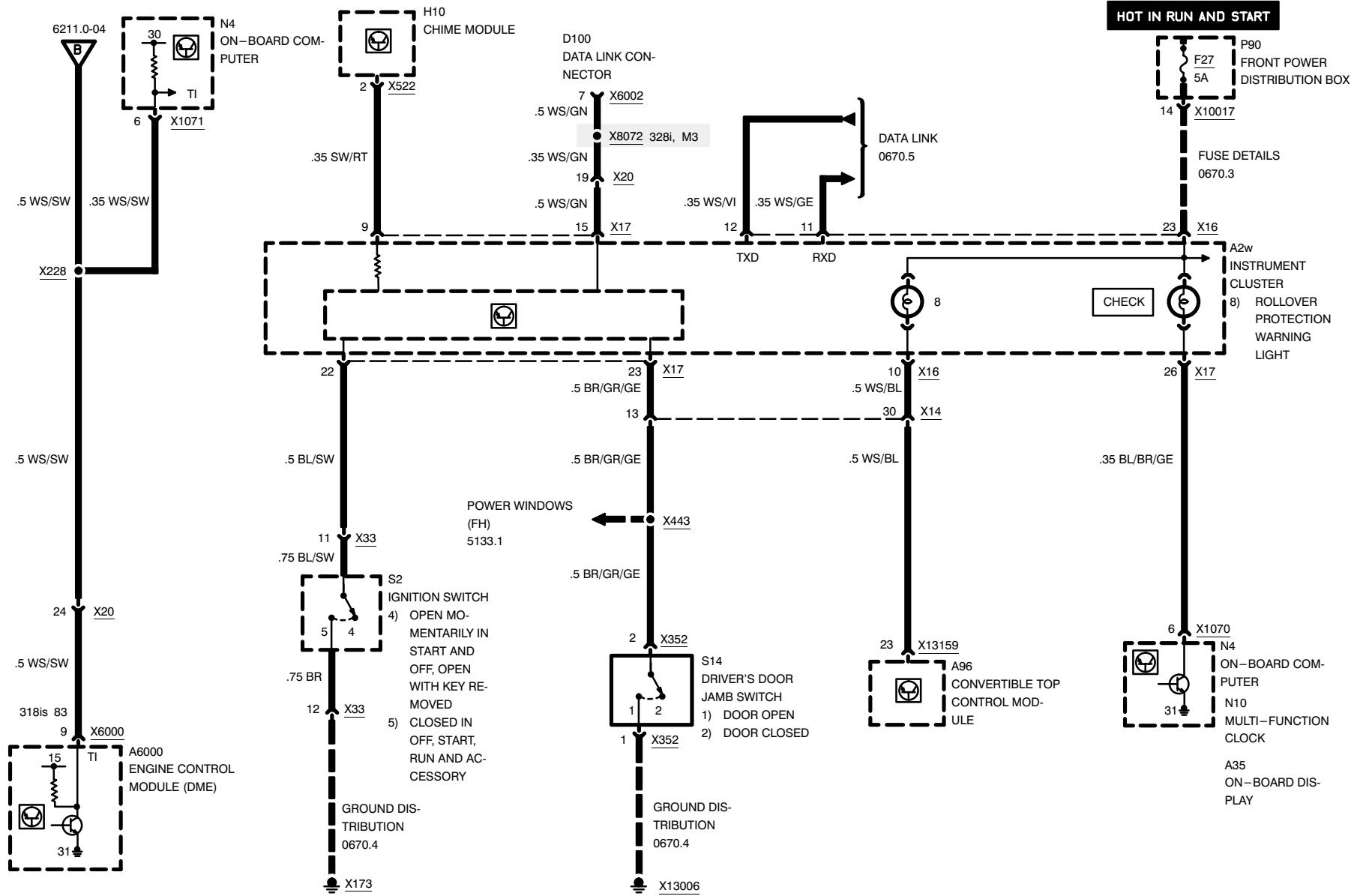
# INSTRUMENT CLUSTER

## INDICATORS

03/98

6211.0-05

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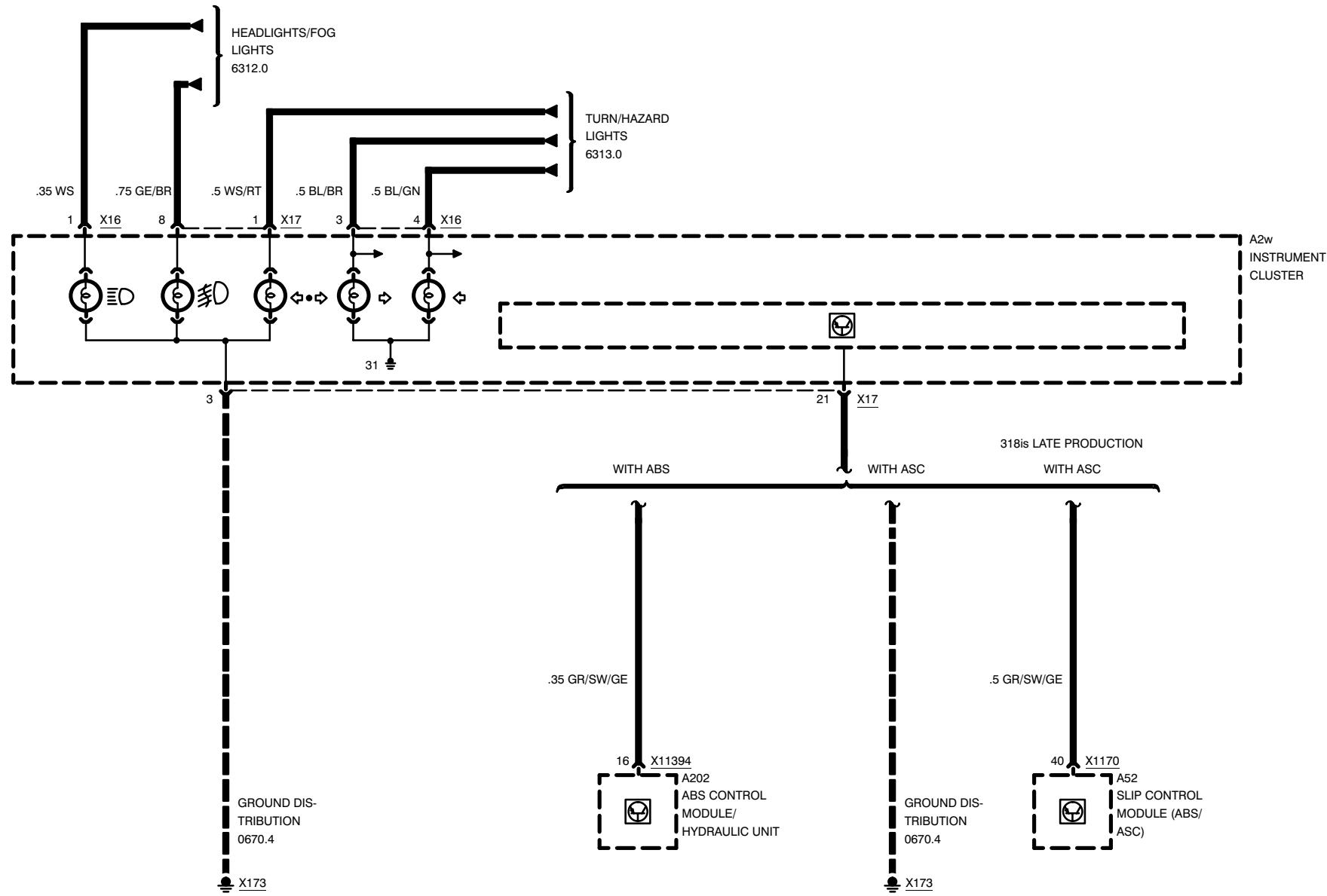


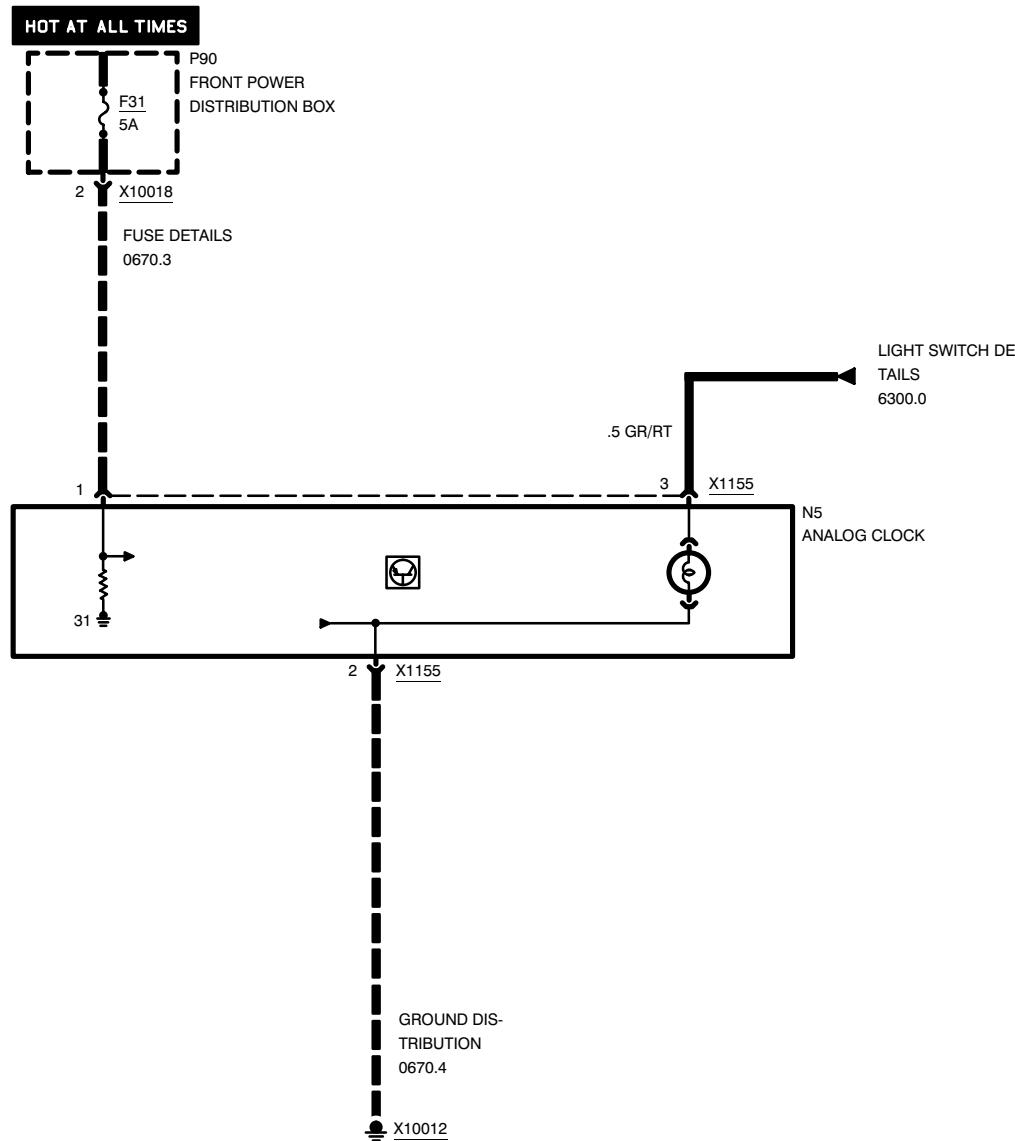
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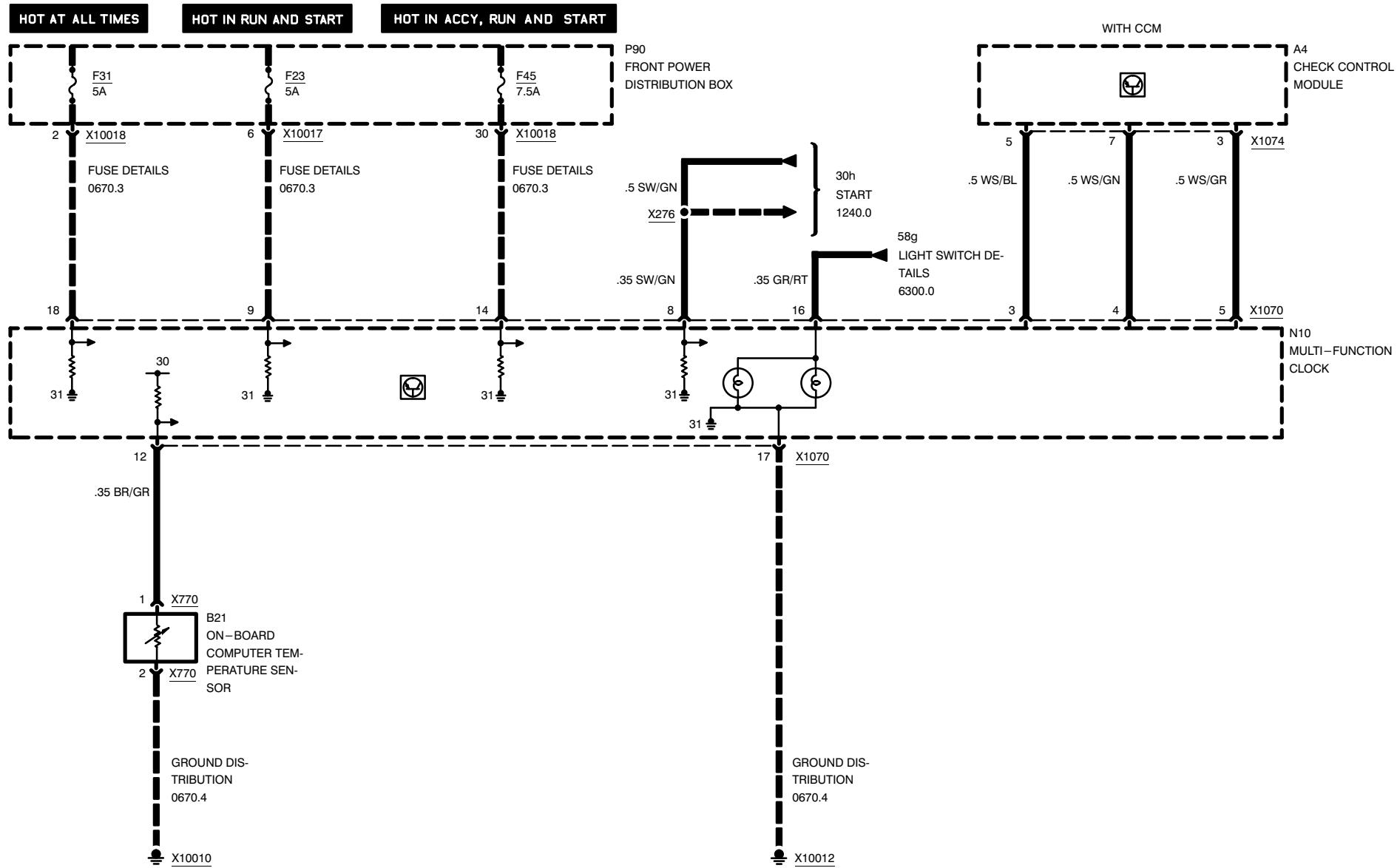
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6211.0-06

1997





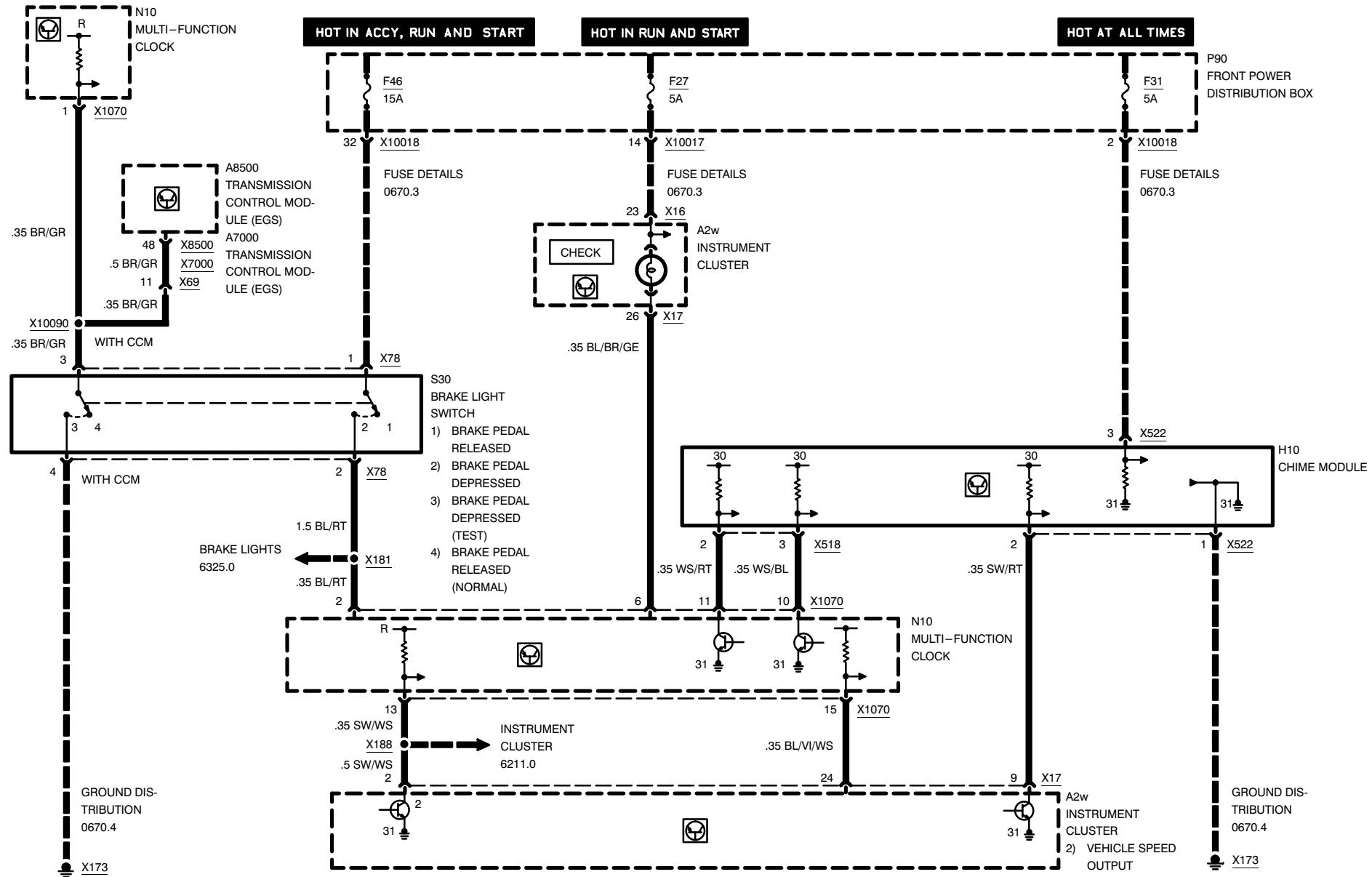


**MULTI-FUNCTION CLOCK****CHIME, BRAKE LIGHT SWITCH**

03/98

6213.2-01

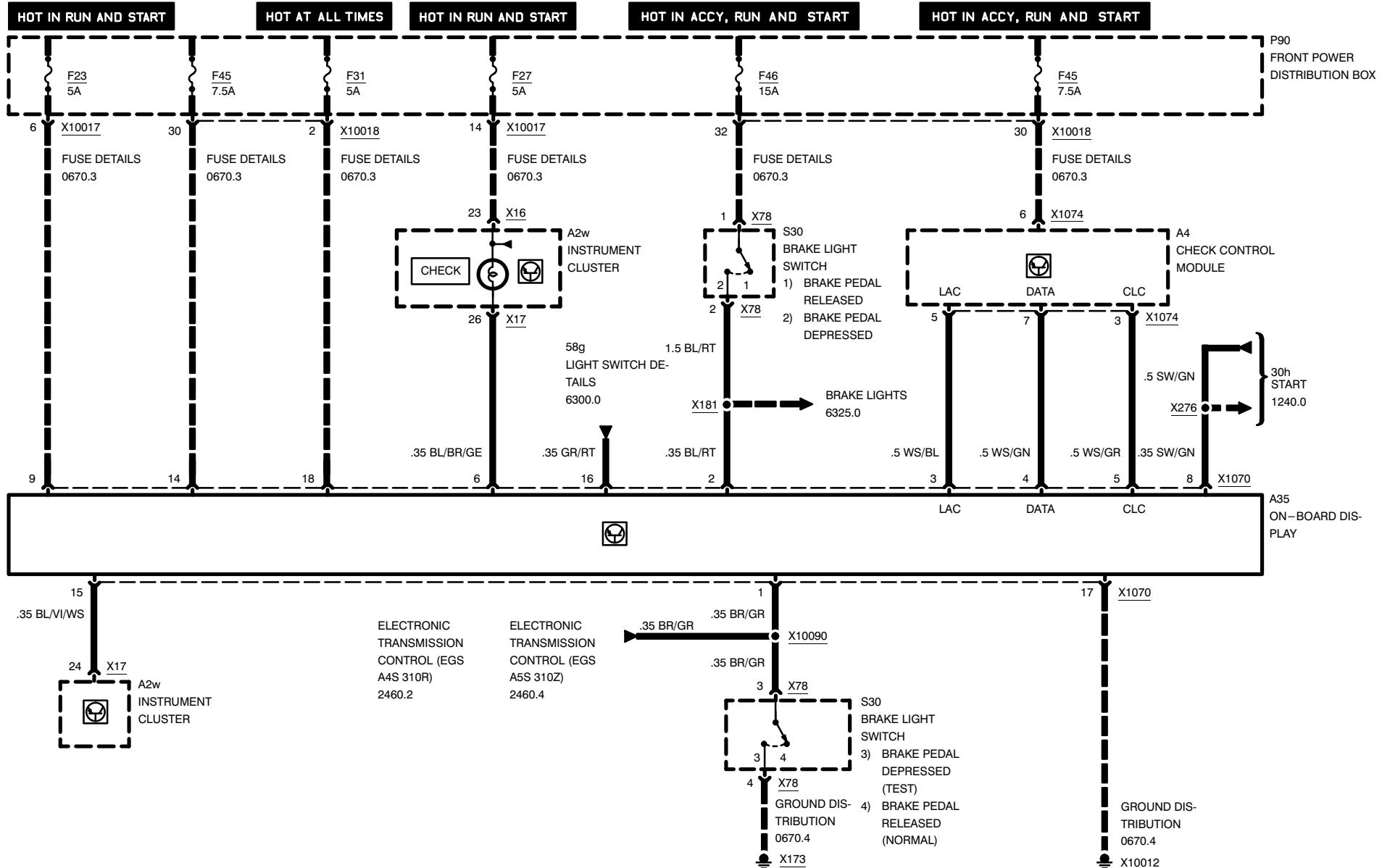
1997





## ON-BOARD DISPLAY

HOT IN ACCY, RUN AND START

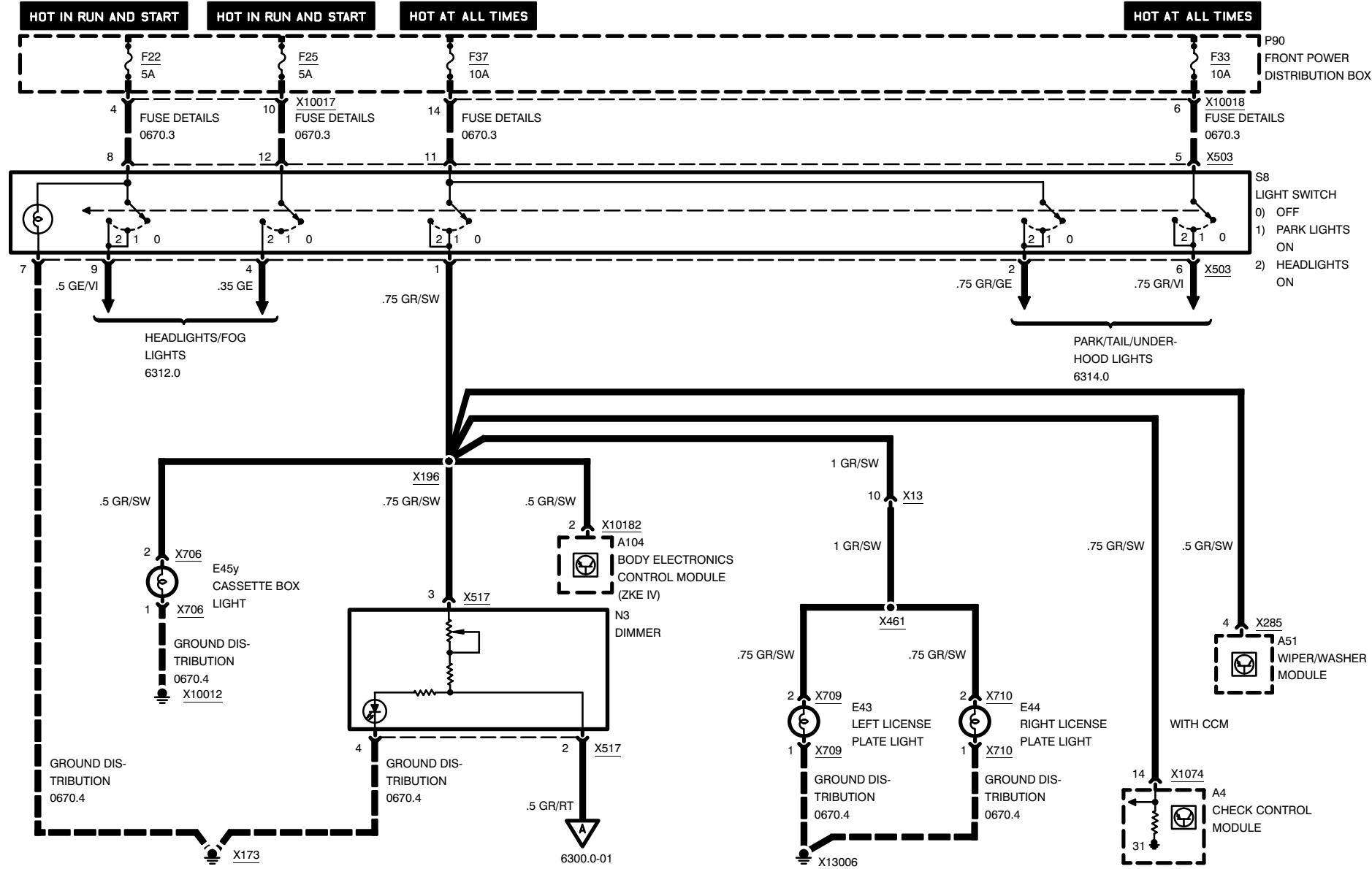




## LIGHT SWITCH DETAILS

03/88

6300.0-00



1997

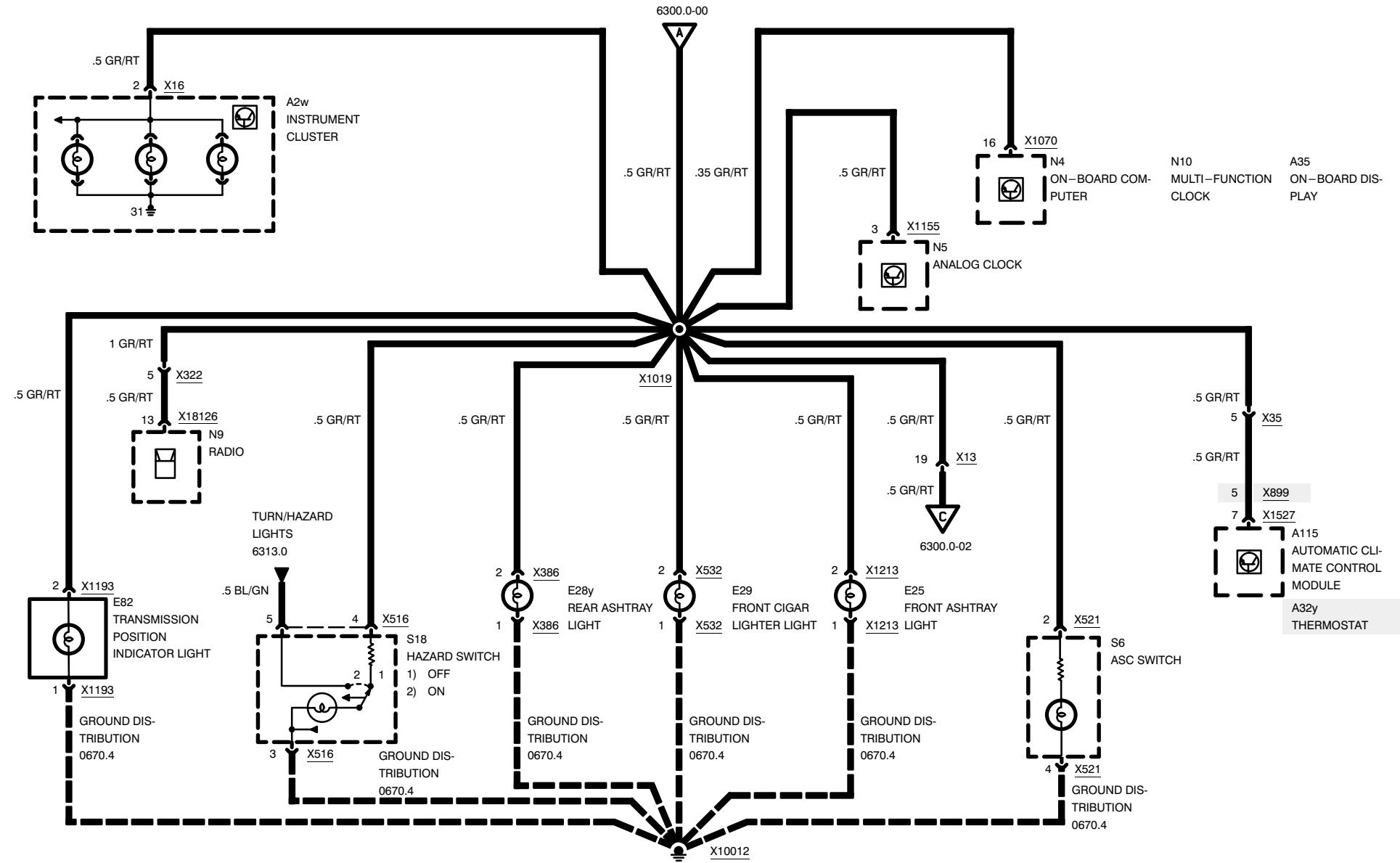


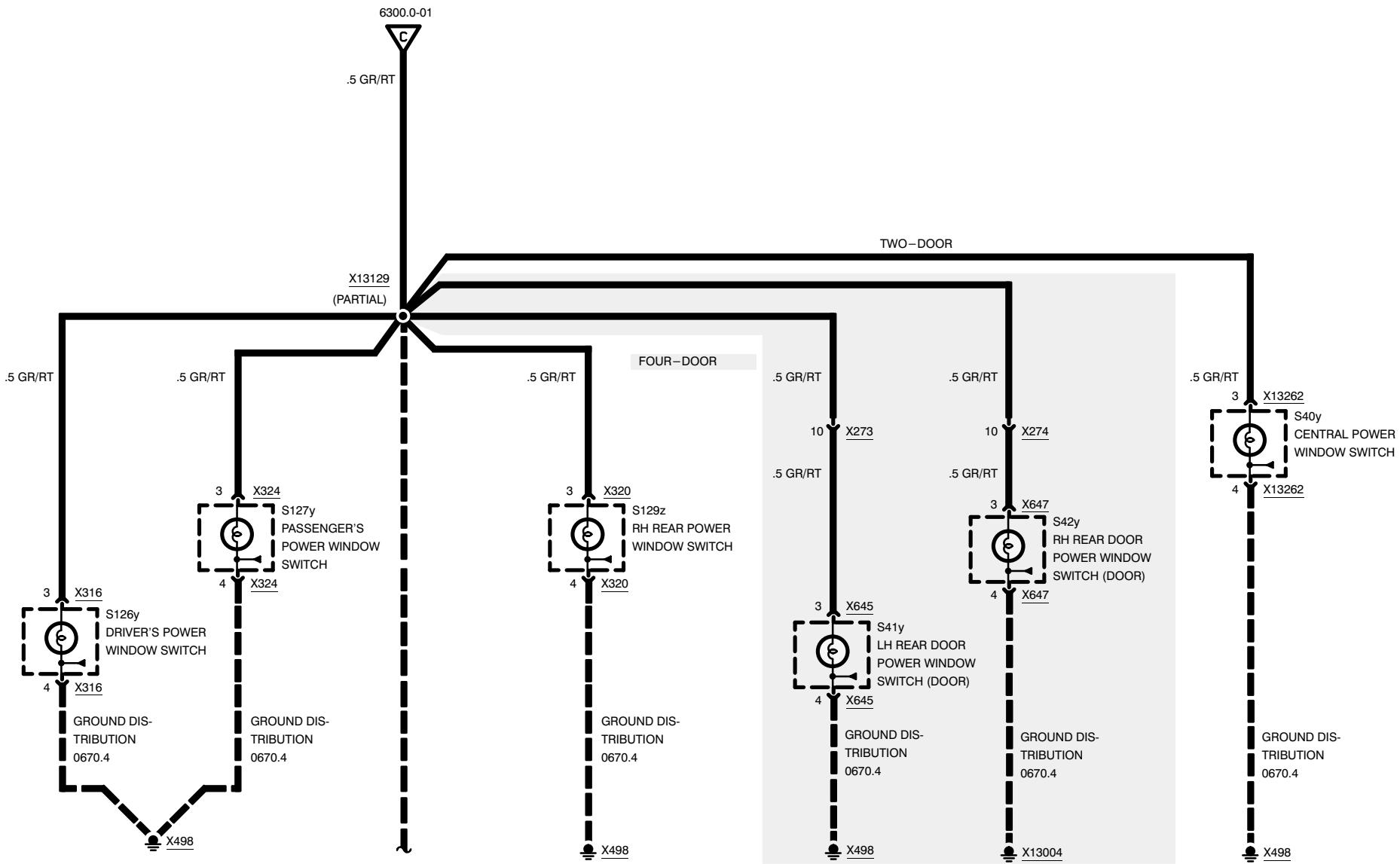
## **LIGHT SWITCH DETAILS**

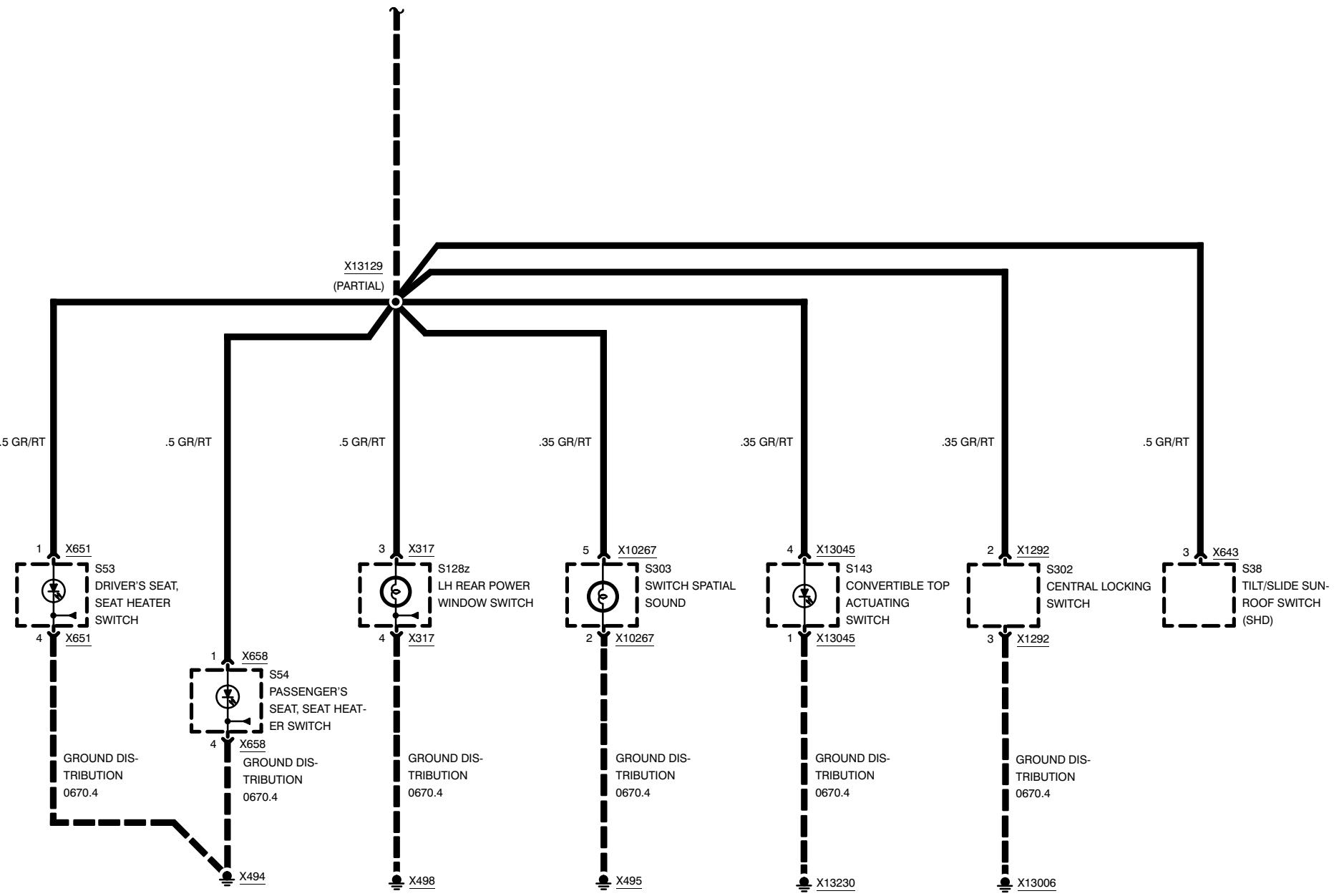
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630.0-1

1661







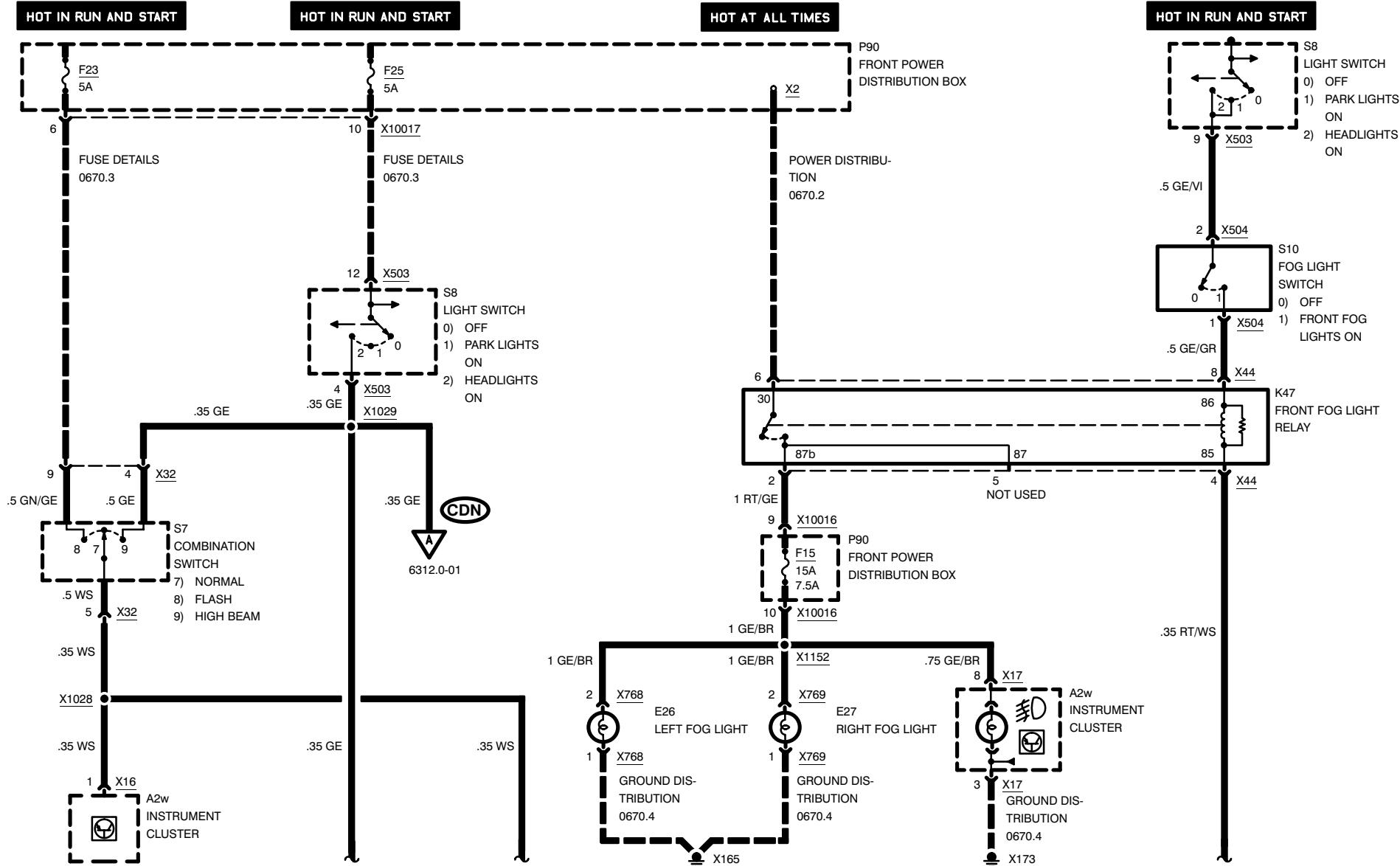


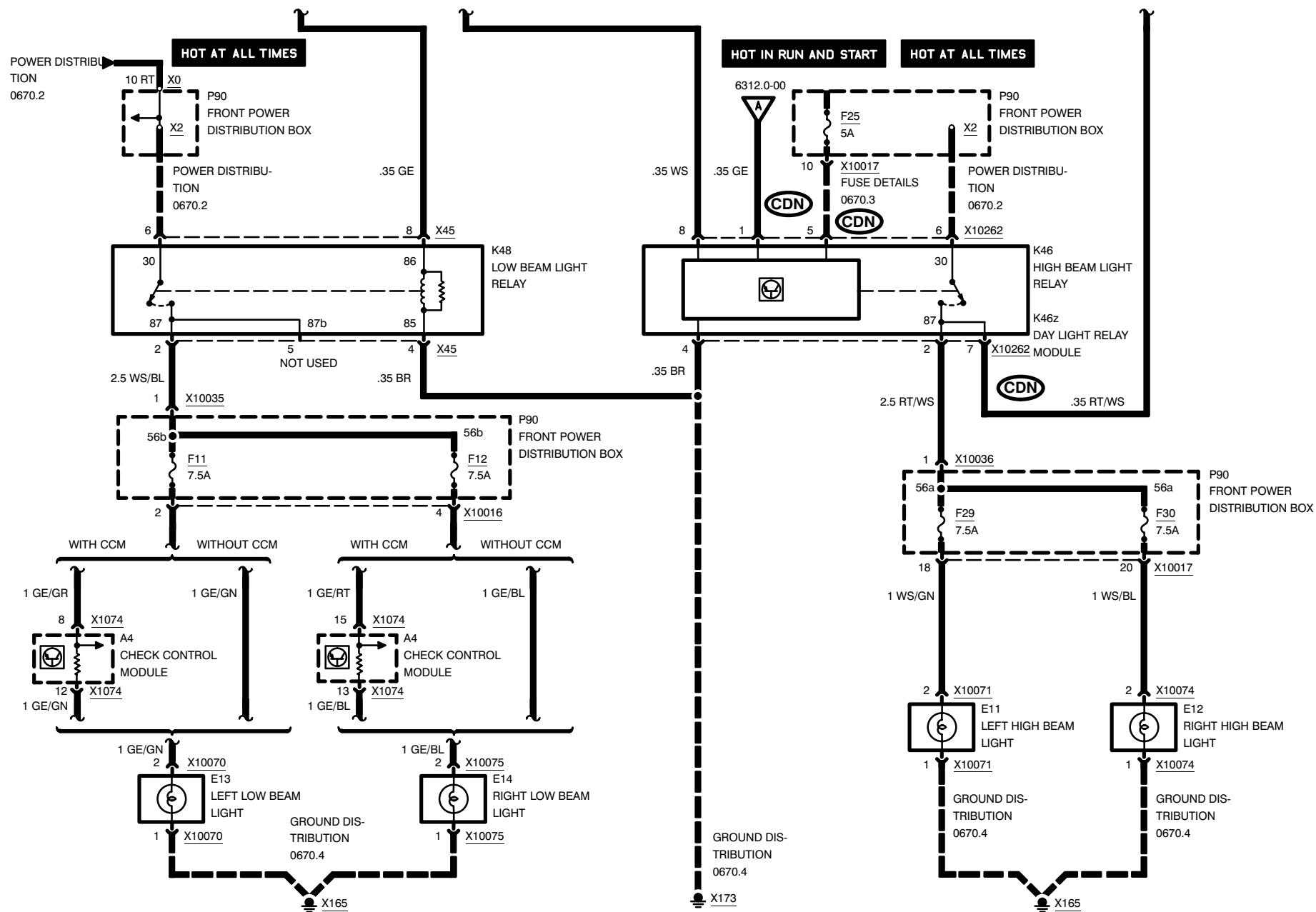
## HEADLIGHTS/FOG LIGHTS

03/98

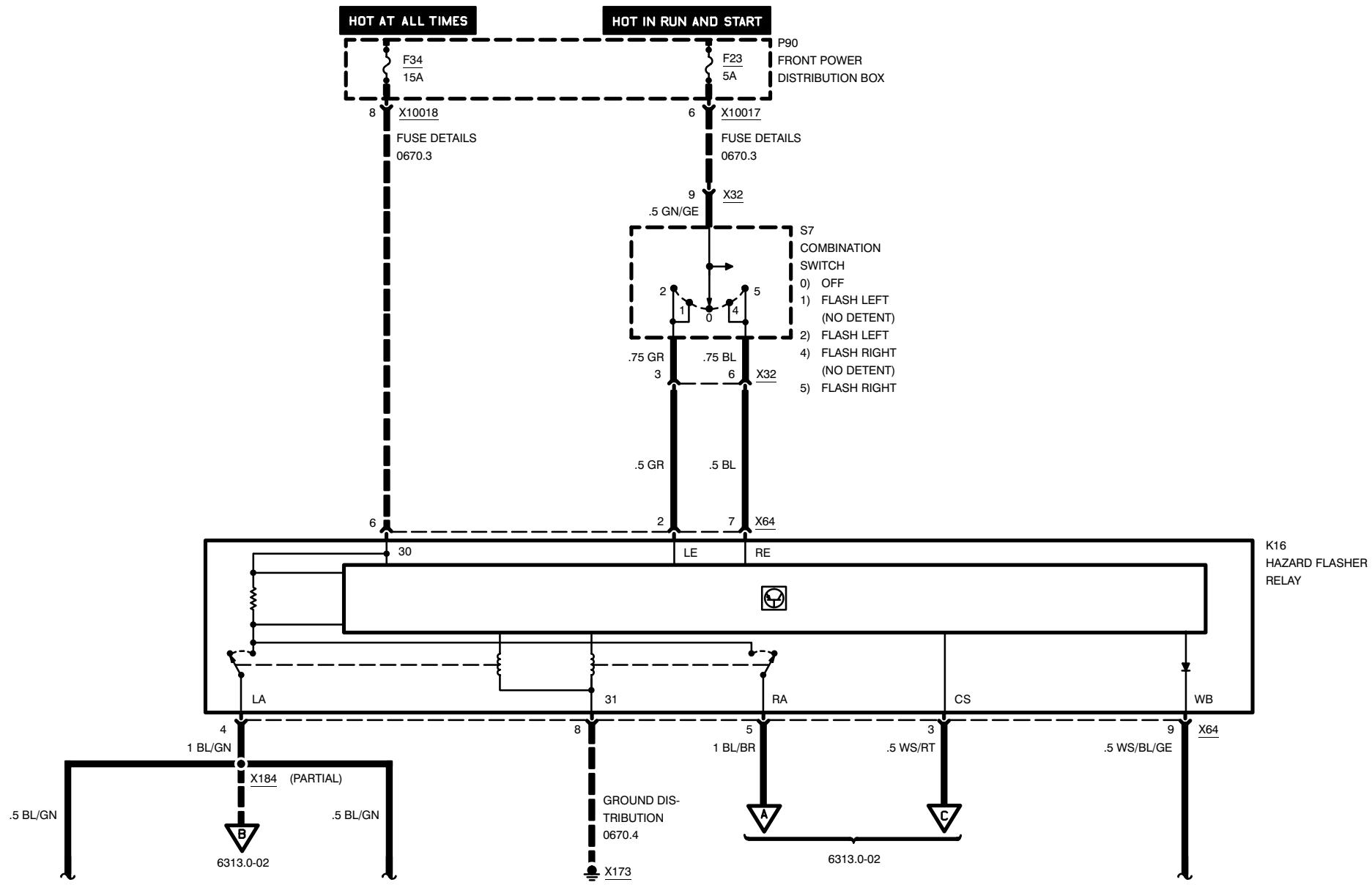
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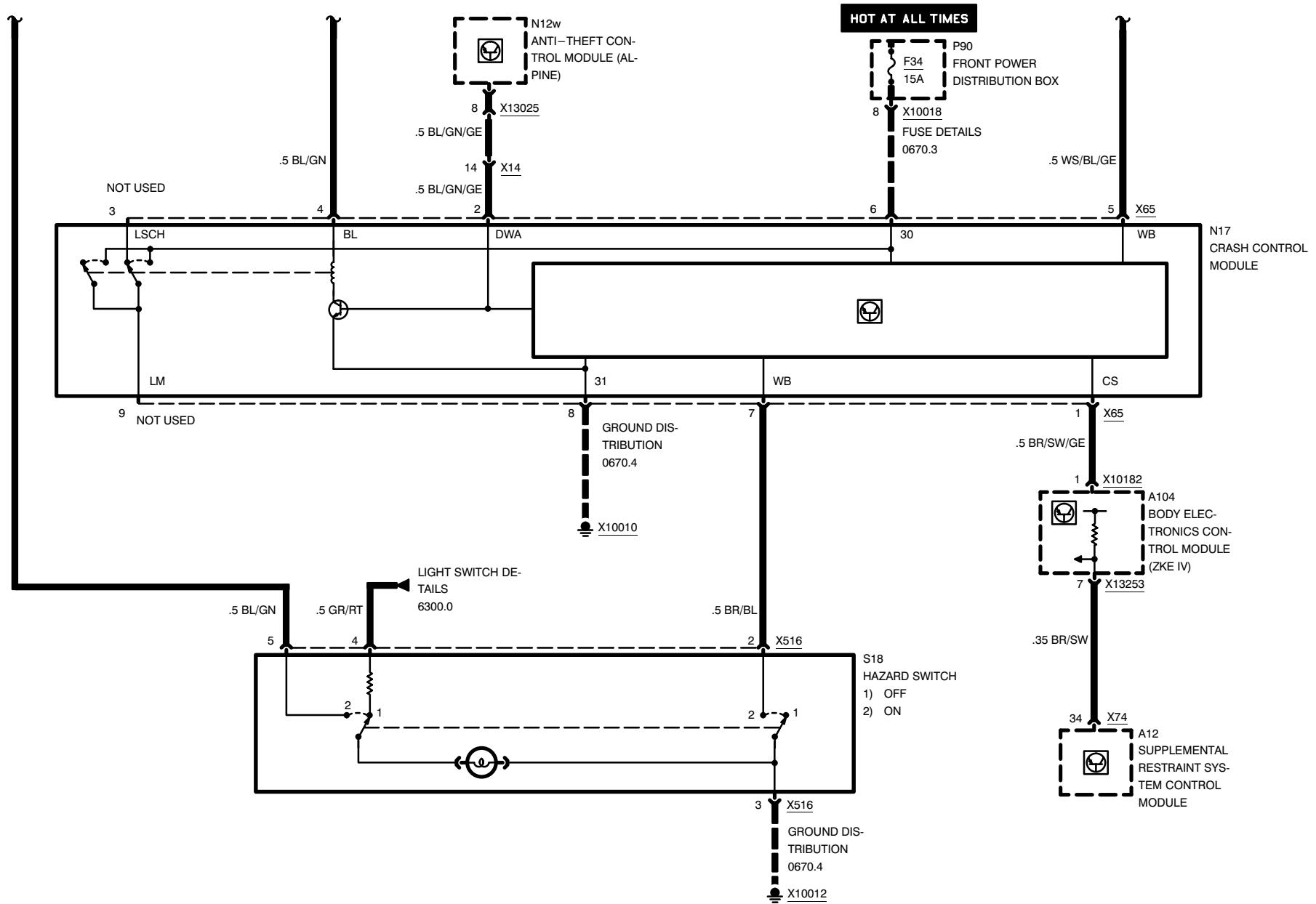
1997





## TURN/HAZARD LIGHTS



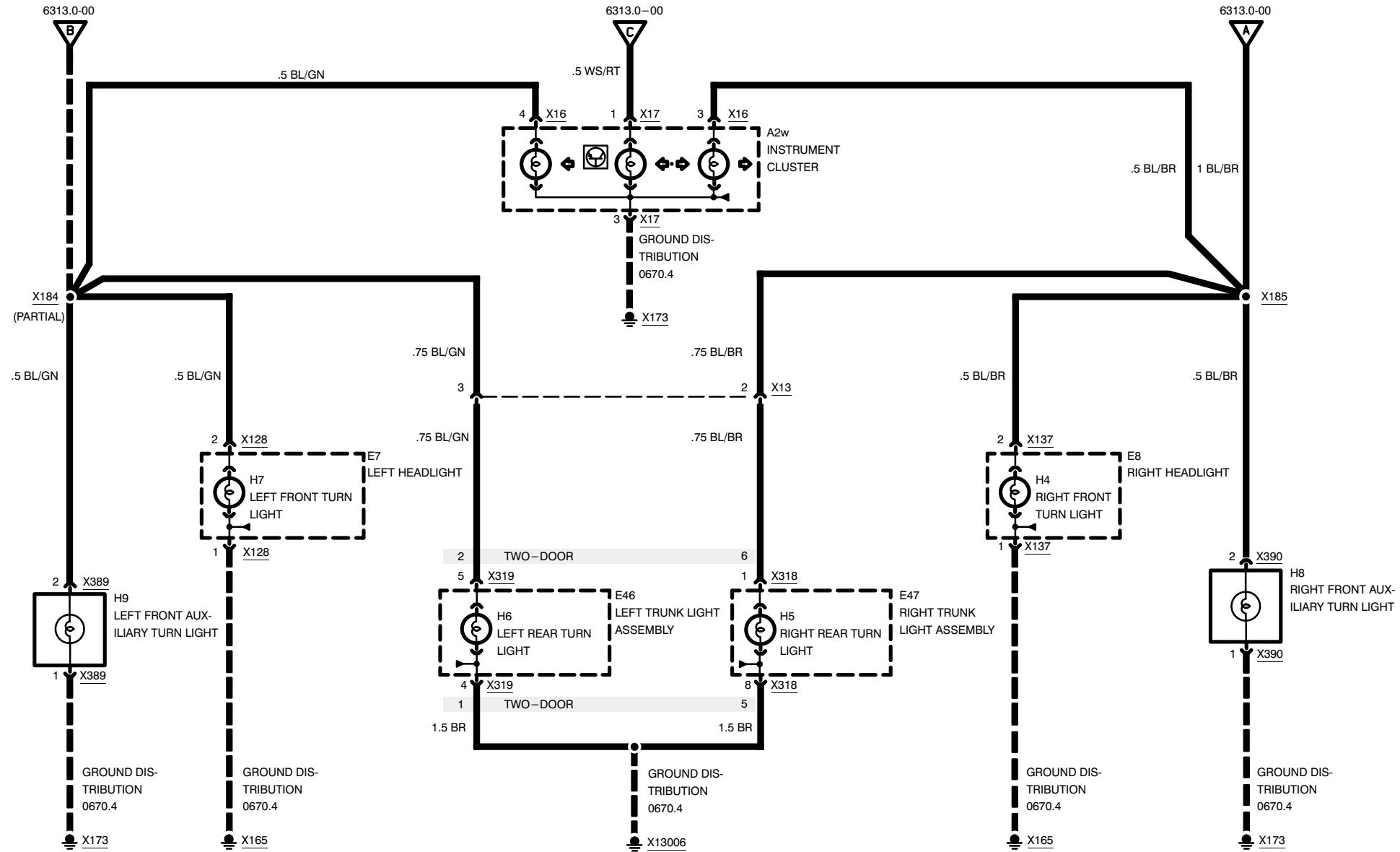




## TURN/HAZARD LIGHTS

03/98

6313.0-02



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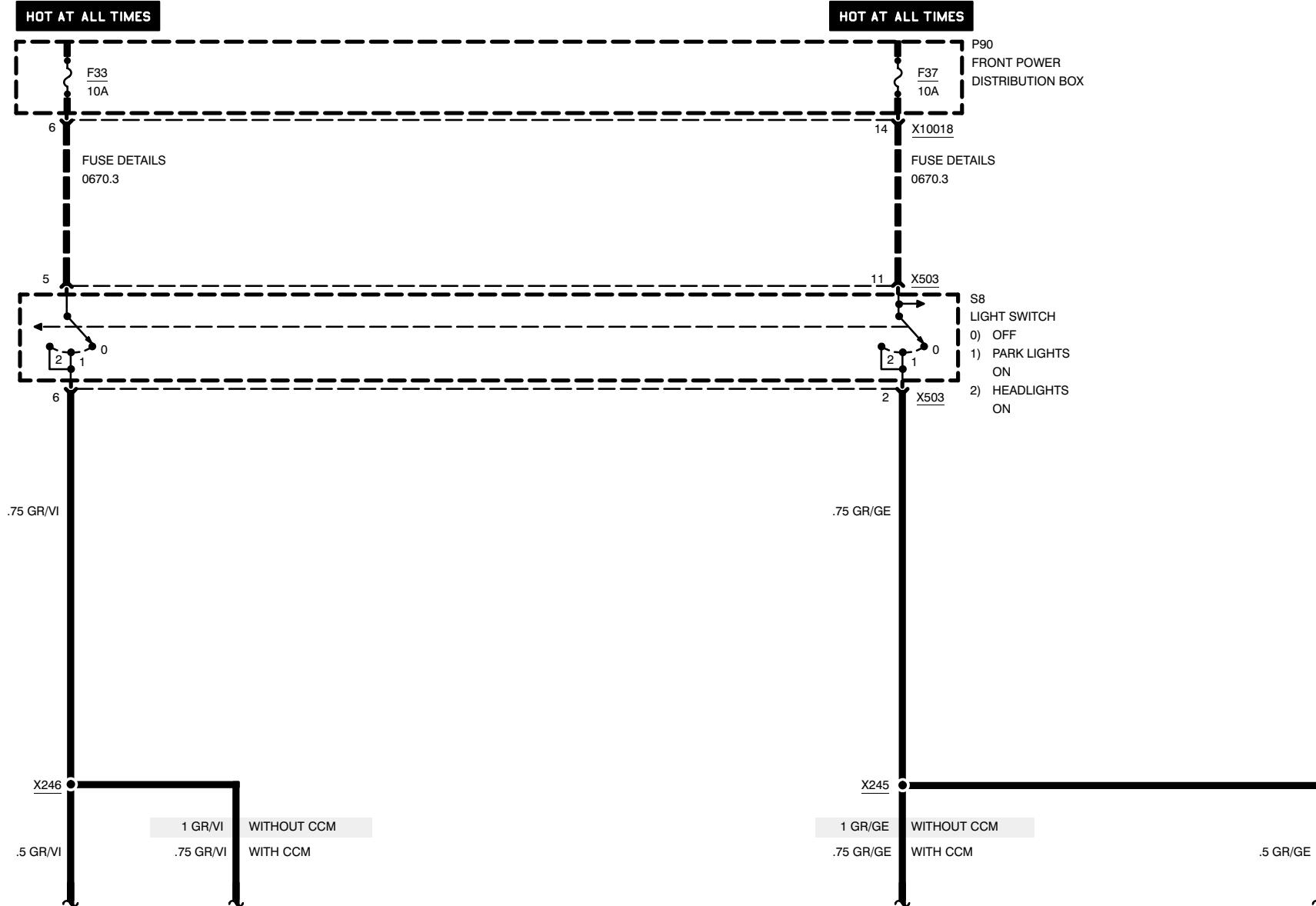


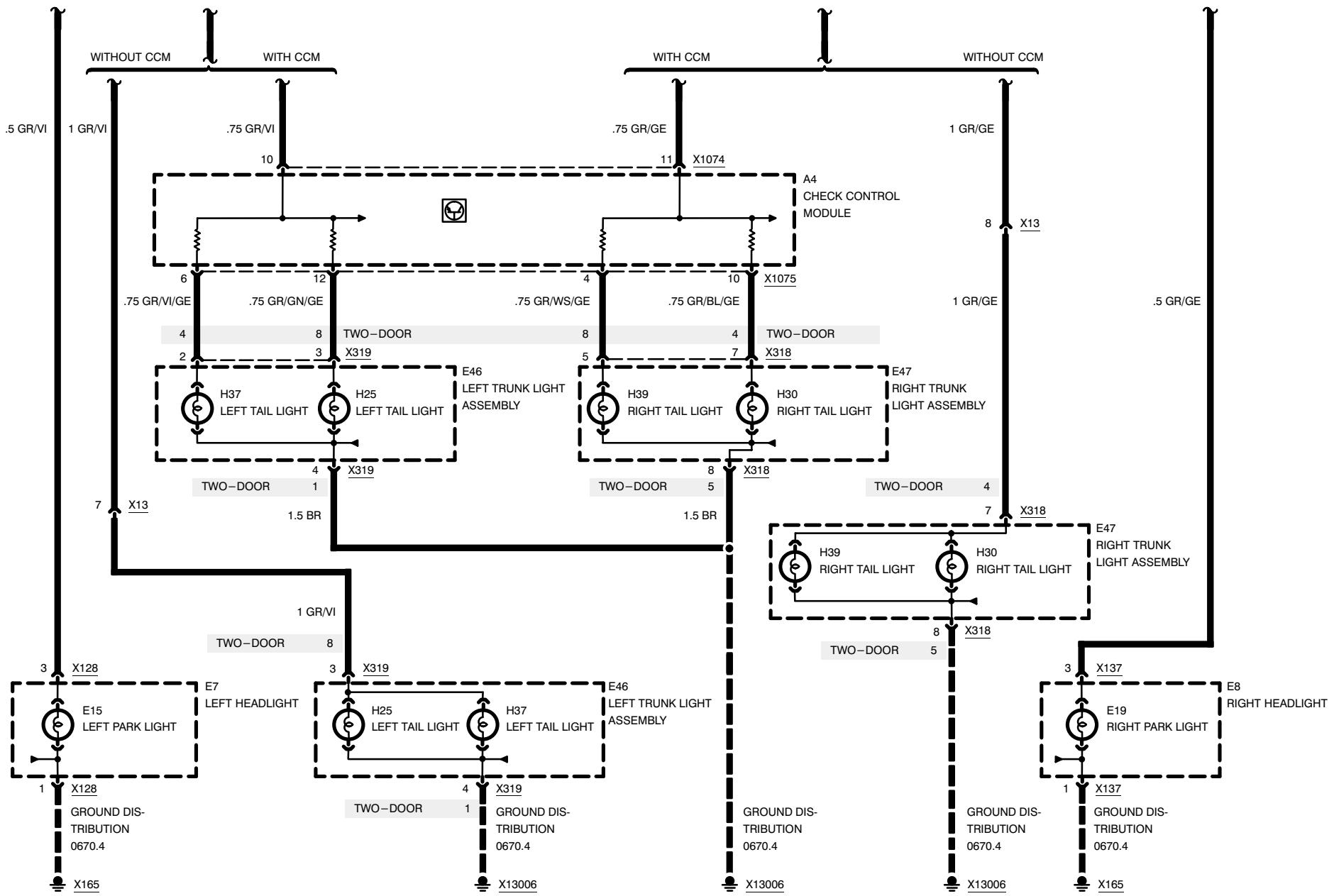
## PARK/TAIL LIGHTS

03/98

6314.0-00

1997



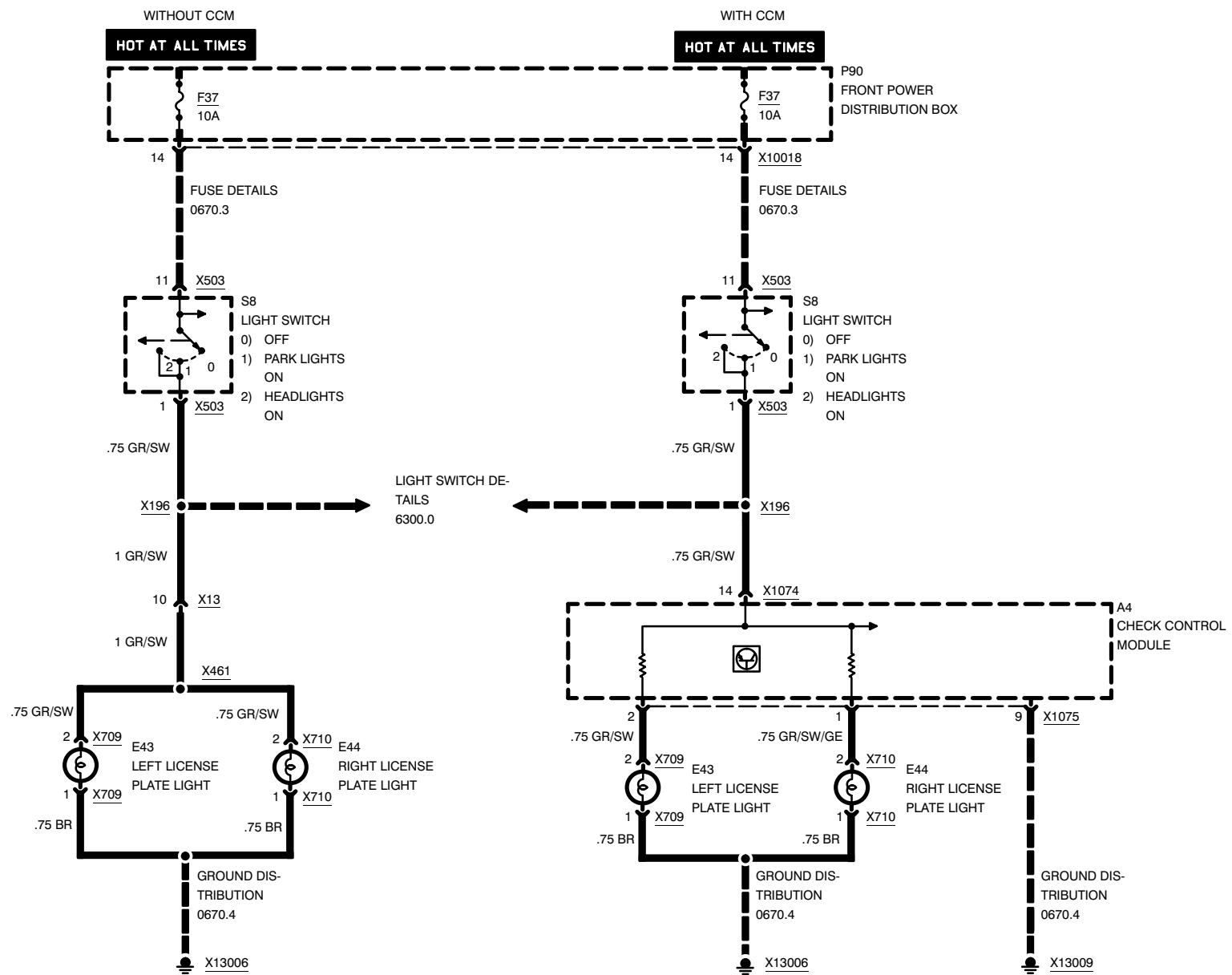


# LICENSE PLATE/LUGGAGE COMPARTMENT LIGHTS

03/98

6320.0-00

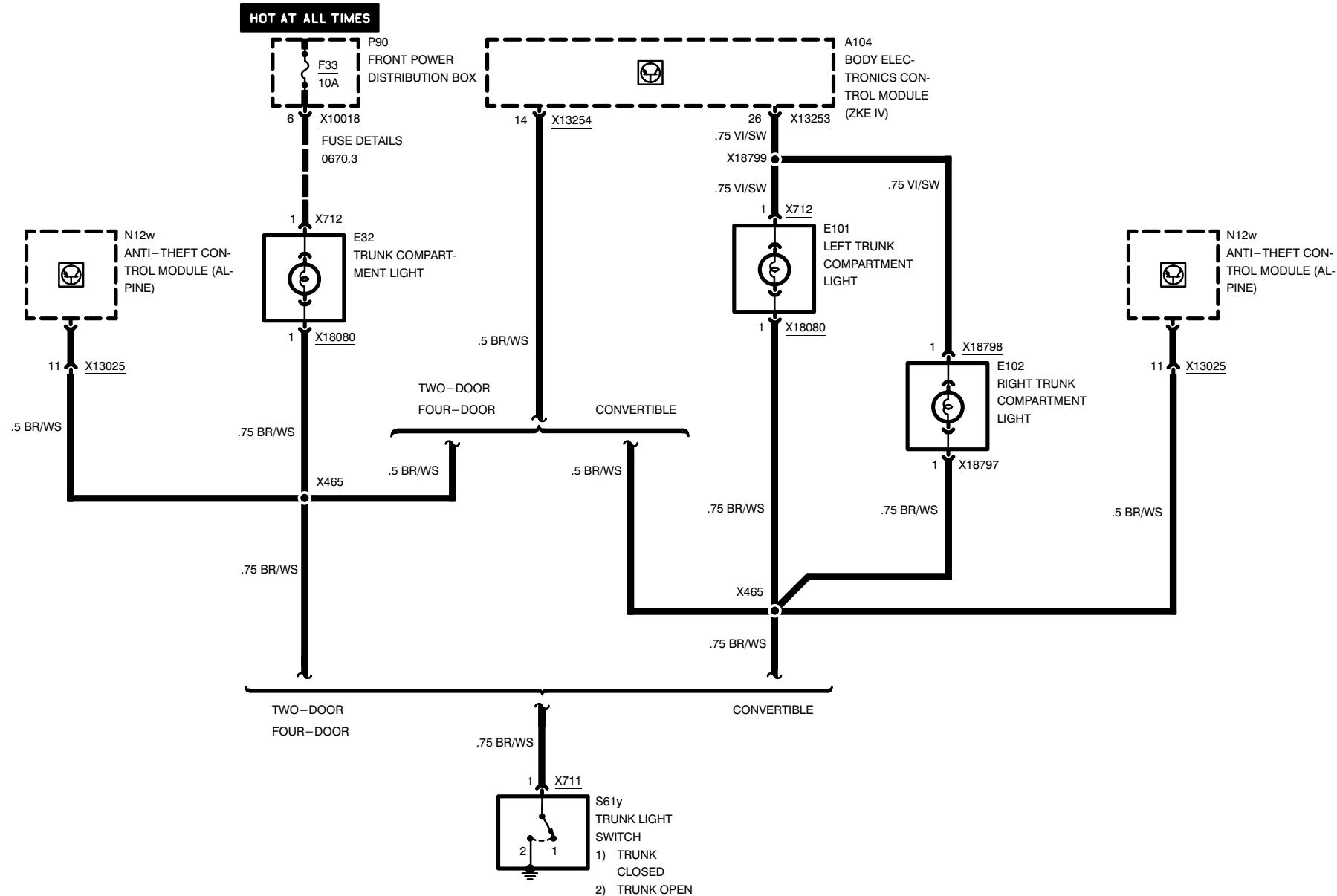
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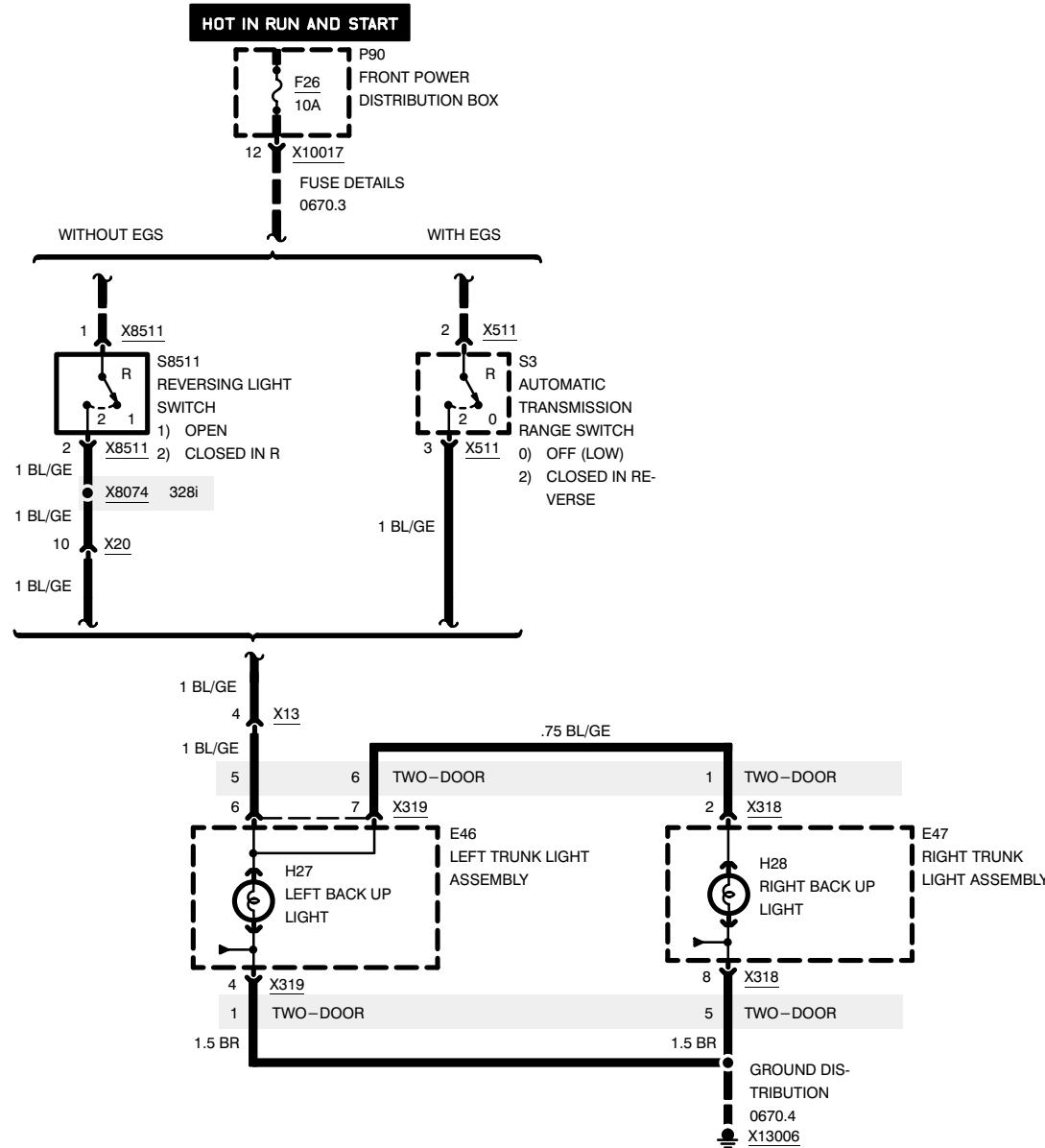
# LICENSE PLATE/LUGGAGE COMPARTMENT LIGHTS

03/98

6320.0-01



1997





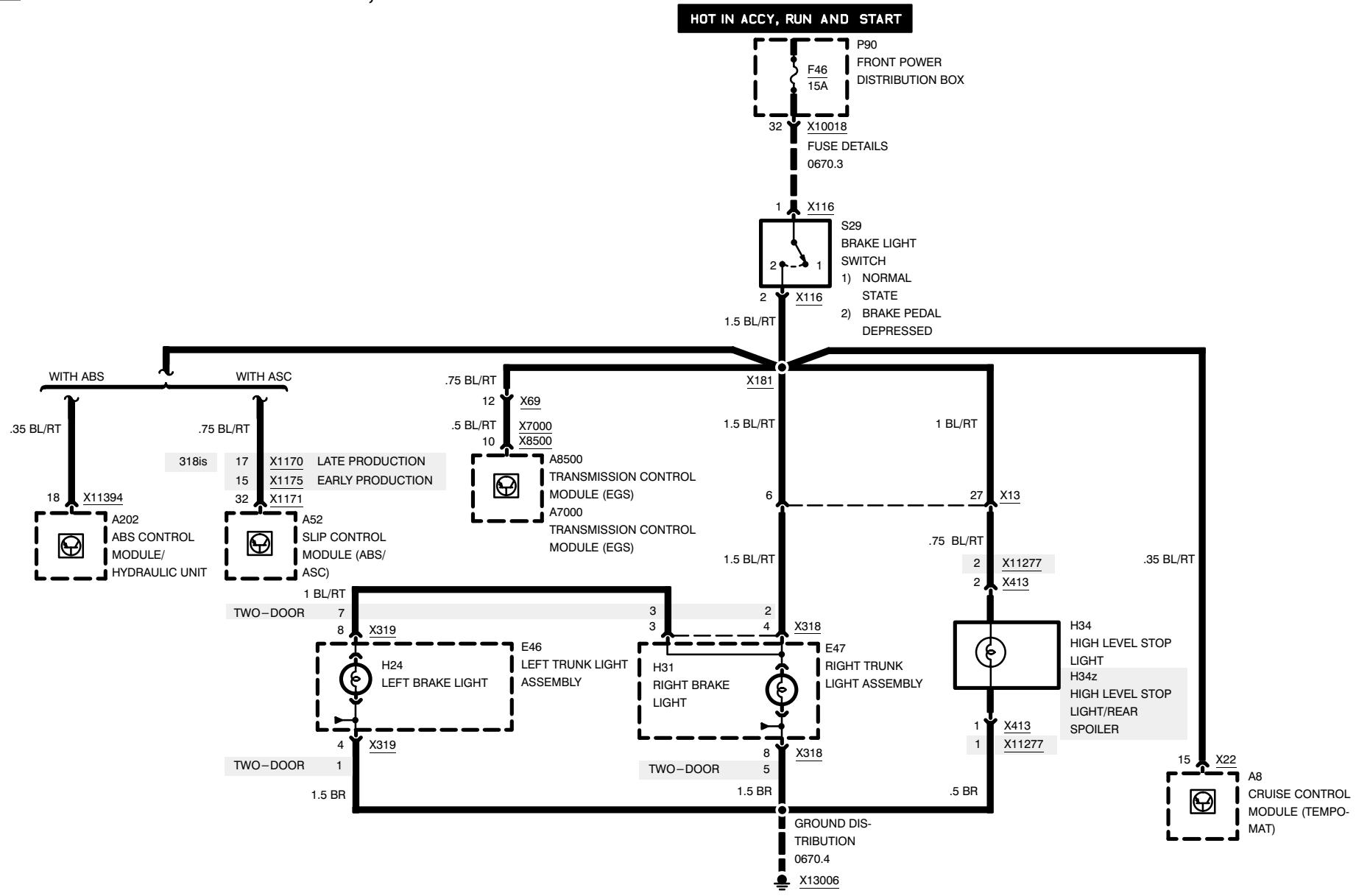
## BRAKE LIGHTS

## **BRAKE LIGHTS CONNECTOR, 2 PINS**

03/98

6325.0-00

1661





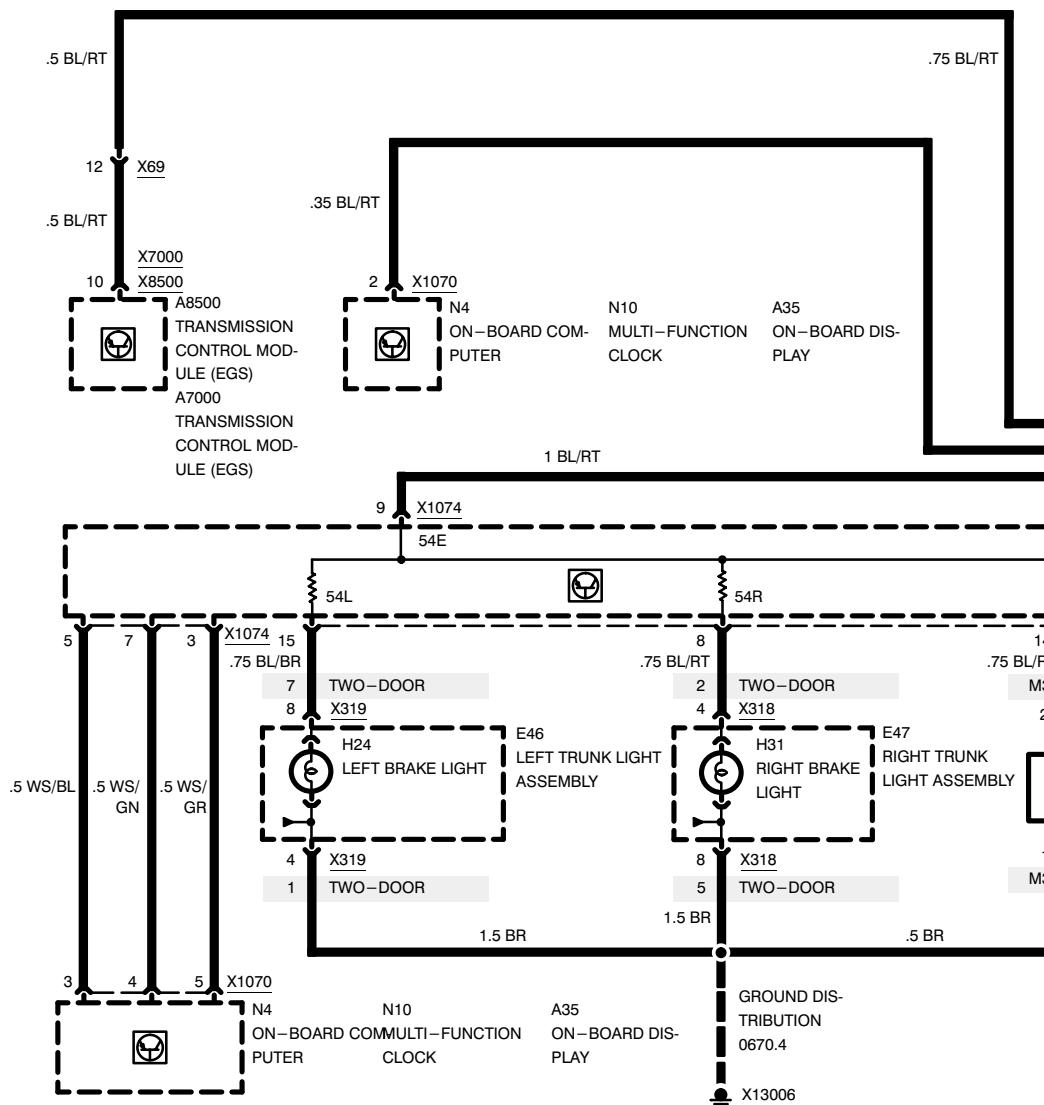
# BRAKE LIGHTS

## BRAKE LIGHTS CONNECTOR, 4 PINS

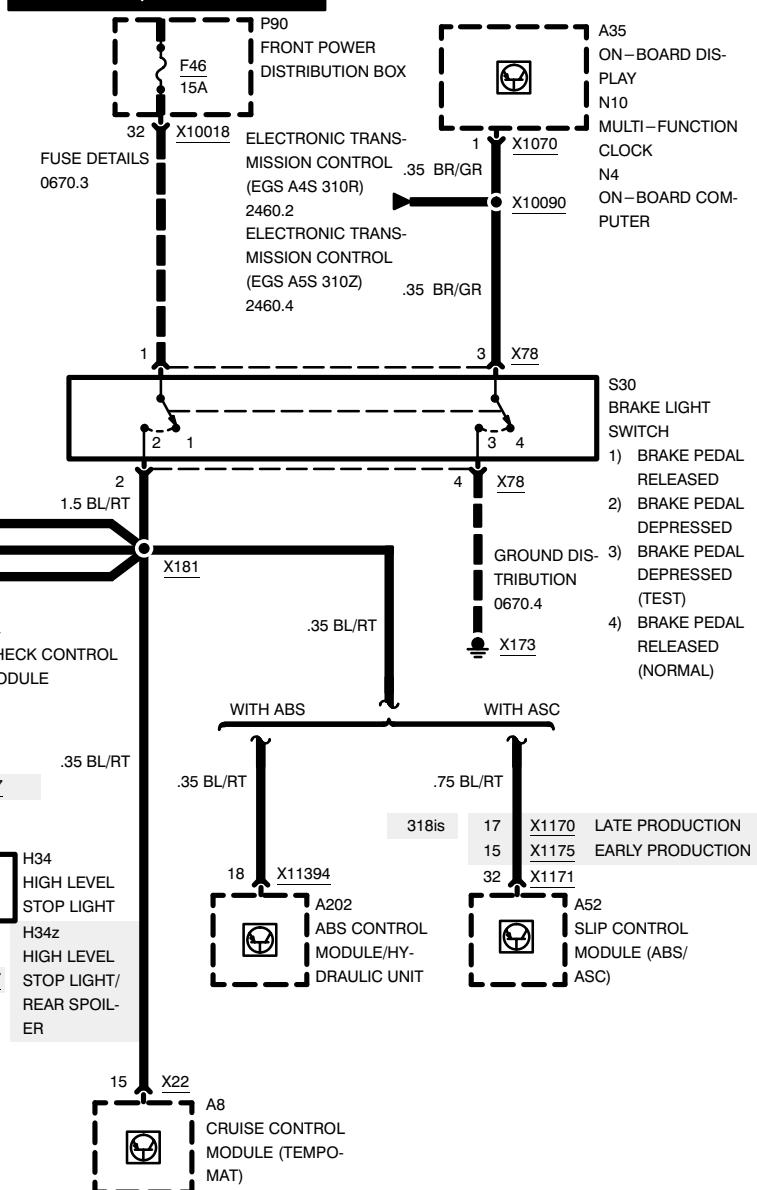
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6325.0-01

1997



### HOT IN ACCY, RUN AND START

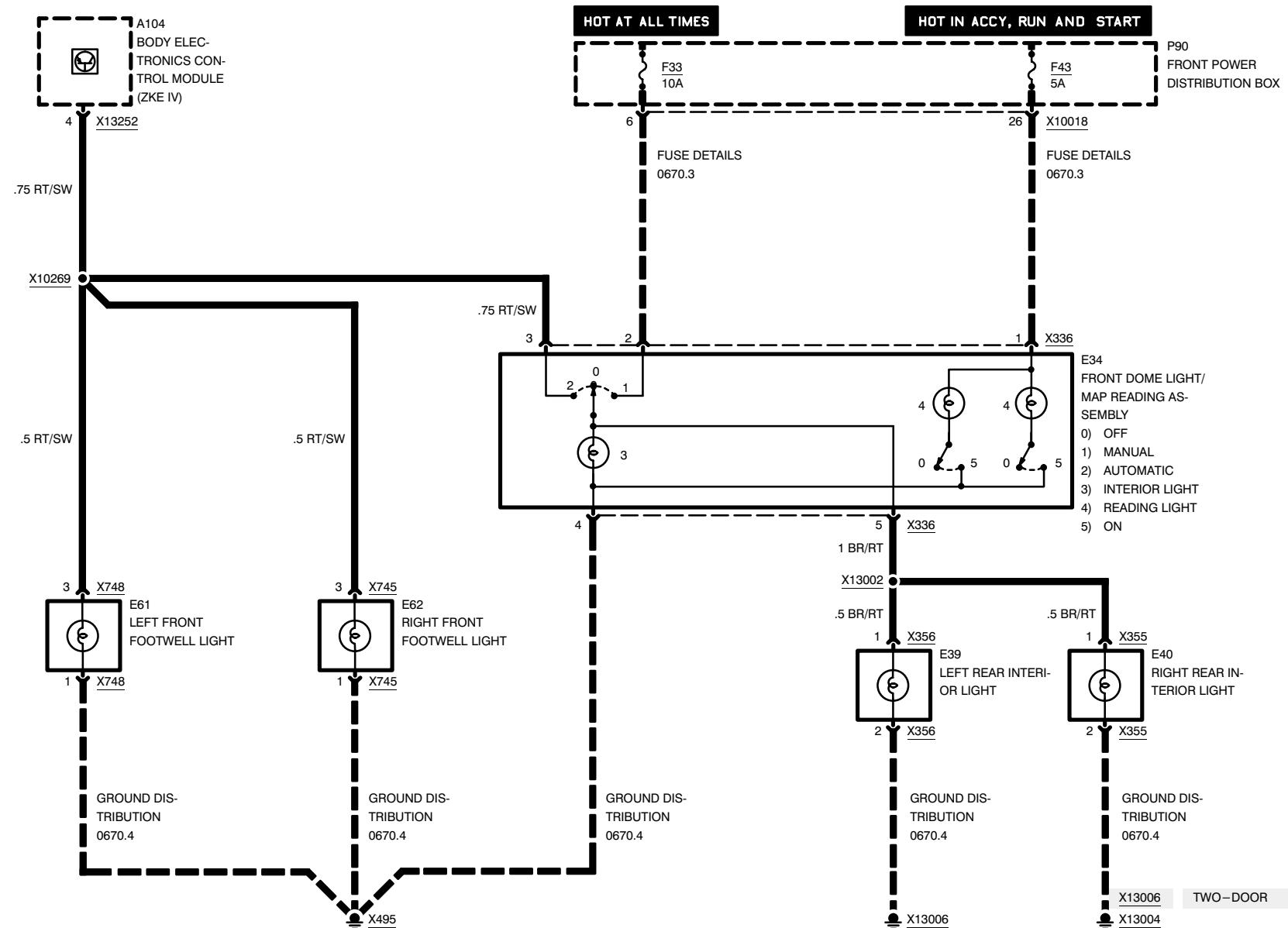




## INTERIOR LIGHTS WITHOUT READING LIGHT

03/98

6330.3-00



1997

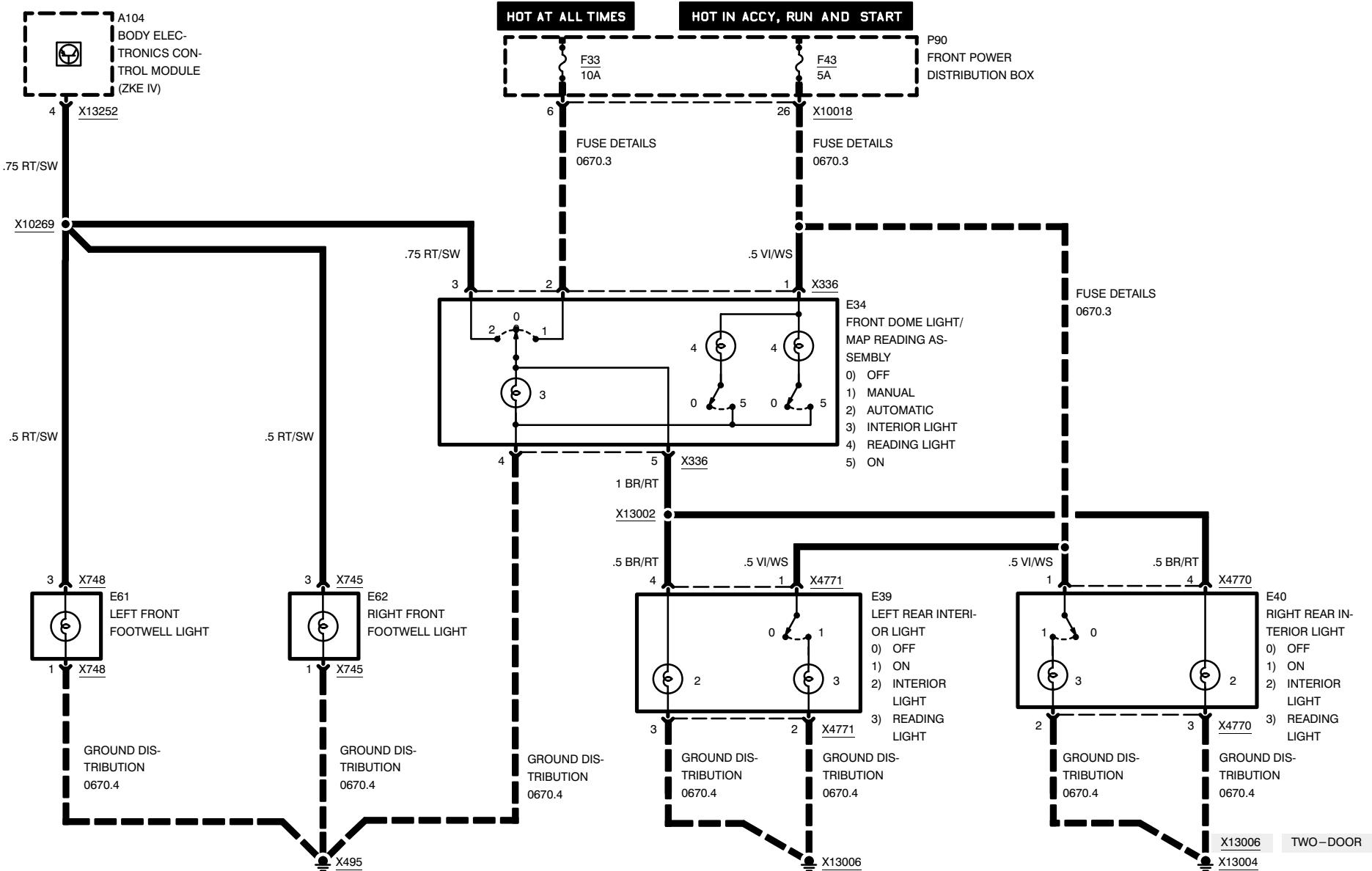


## INTERIOR LIGHTS WITH READING LIGHT

03/98

6330.3-01

1997





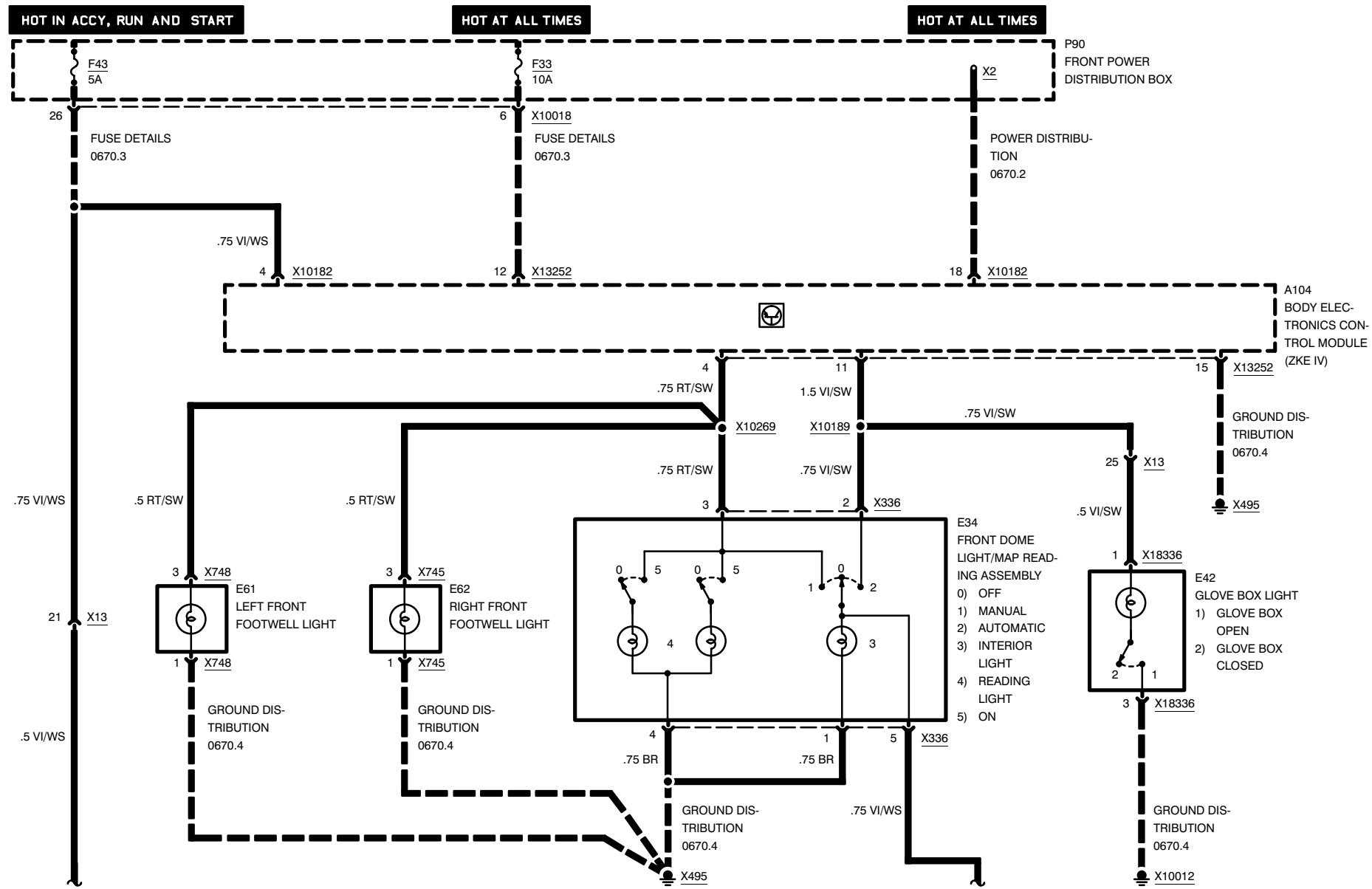
## INTERIOR LIGHTS

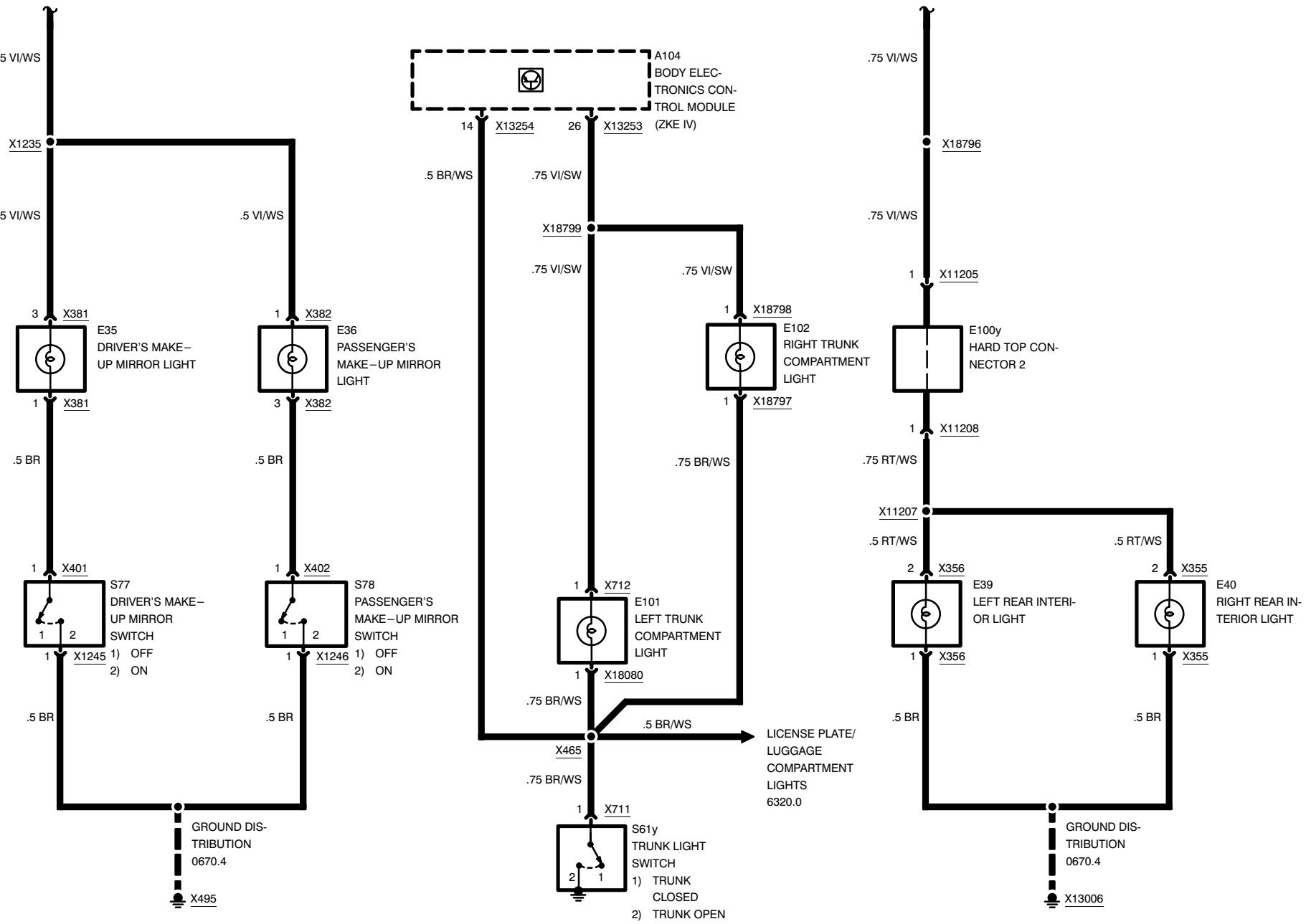
## **CONVERTIBLE**

03/08

6330.3-02

1661



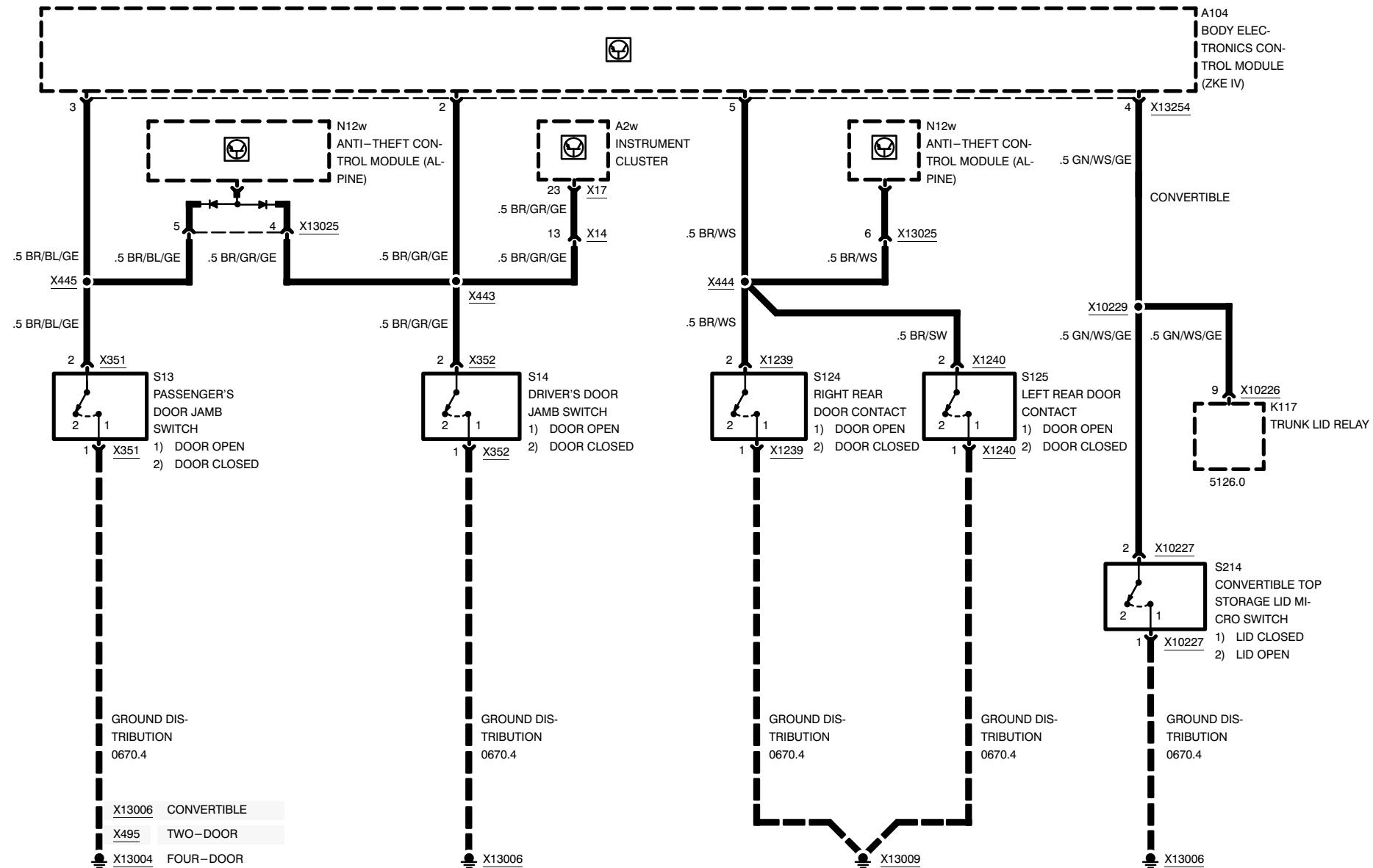


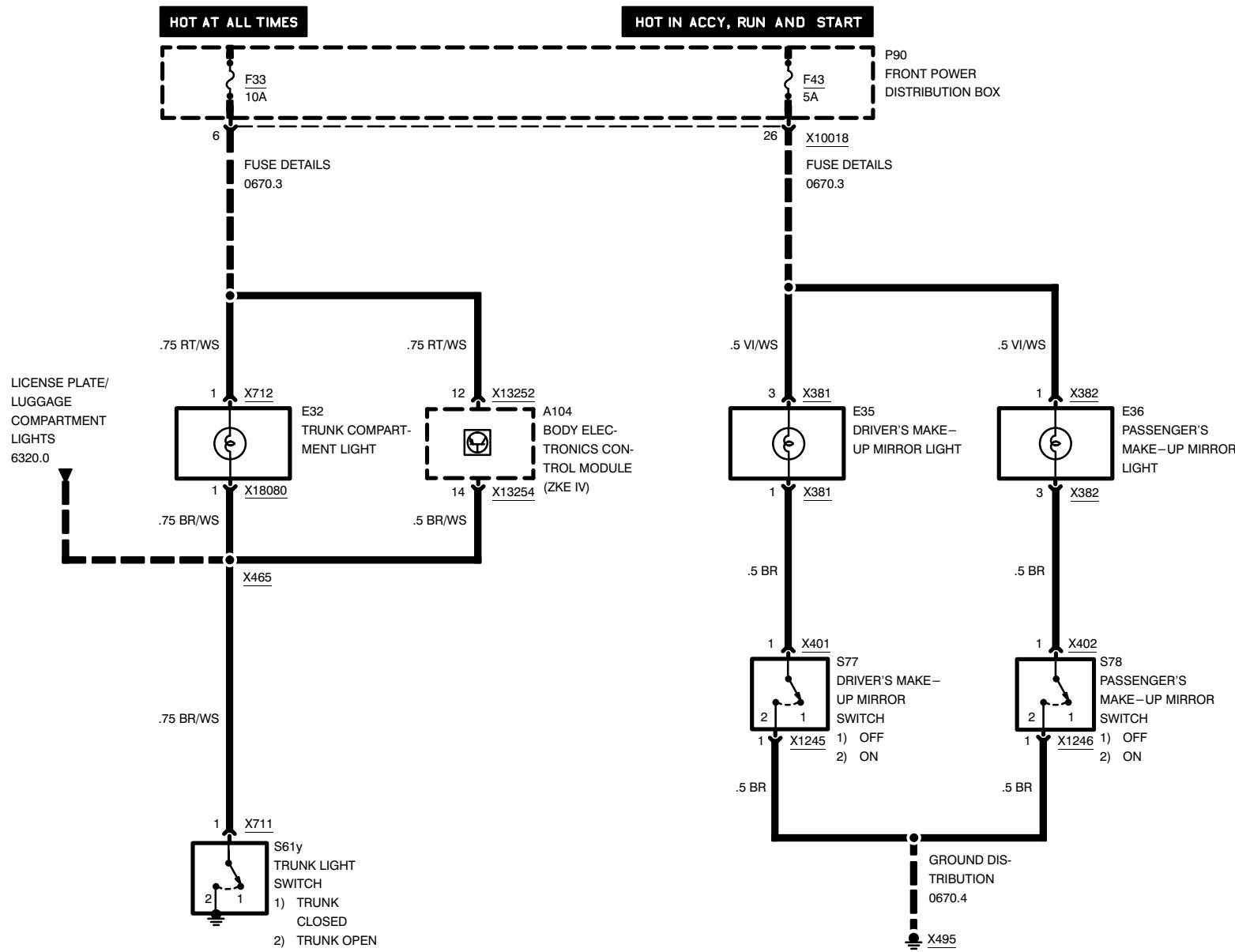
## INTERIOR LIGHTS

03/98

6330.3-04

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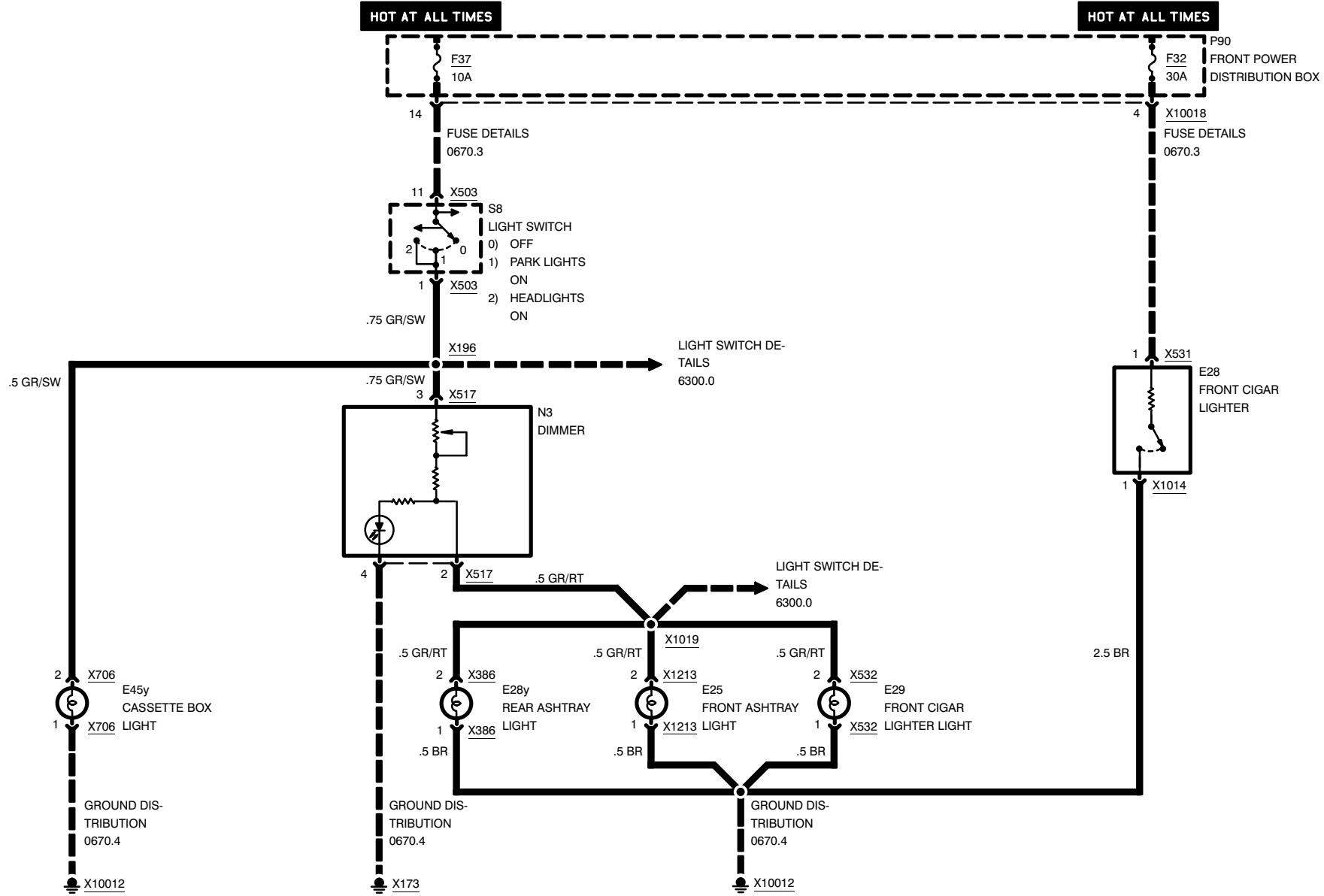


GLOVE BOX LIGHT/CASSETTE BOX/ASHTRAY LIGHT/CHARGING SOCKET/CIGAR LIGHTER

03/98

**6332.1-00**

1997

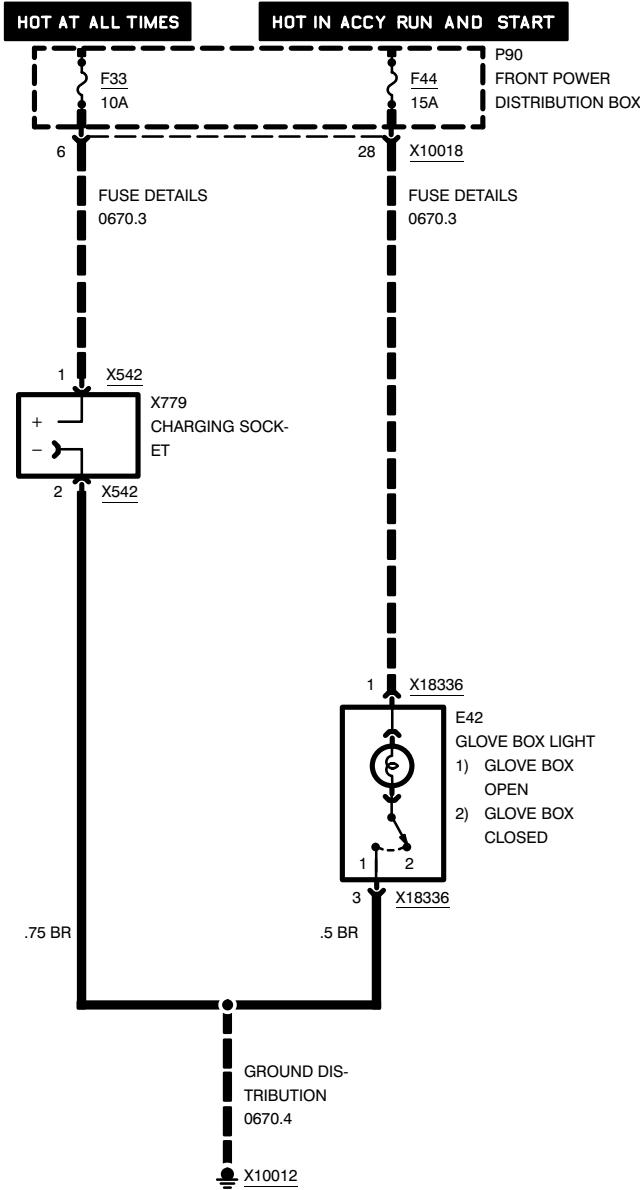


# GLOVE BOX LIGHT/CASSETTE BOX/ASHTRAY LIGHT/CHARGING SOCKET/CIGAR LIGHTER

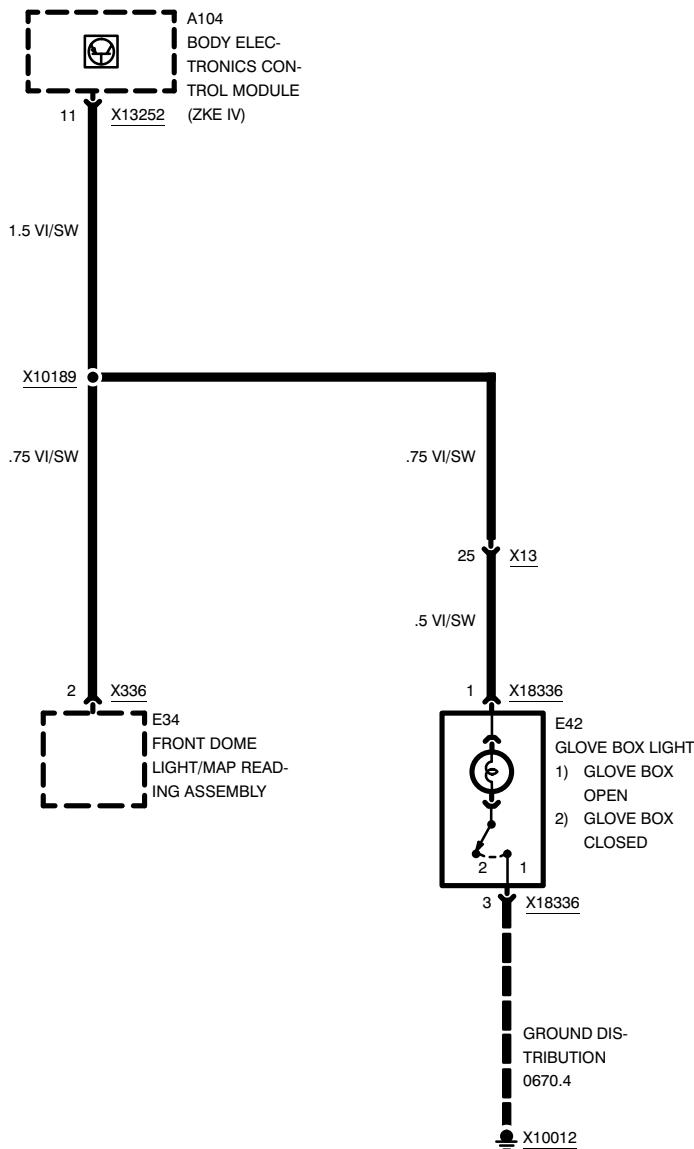
03/98

6332.1-01

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## CONVERTIBLE



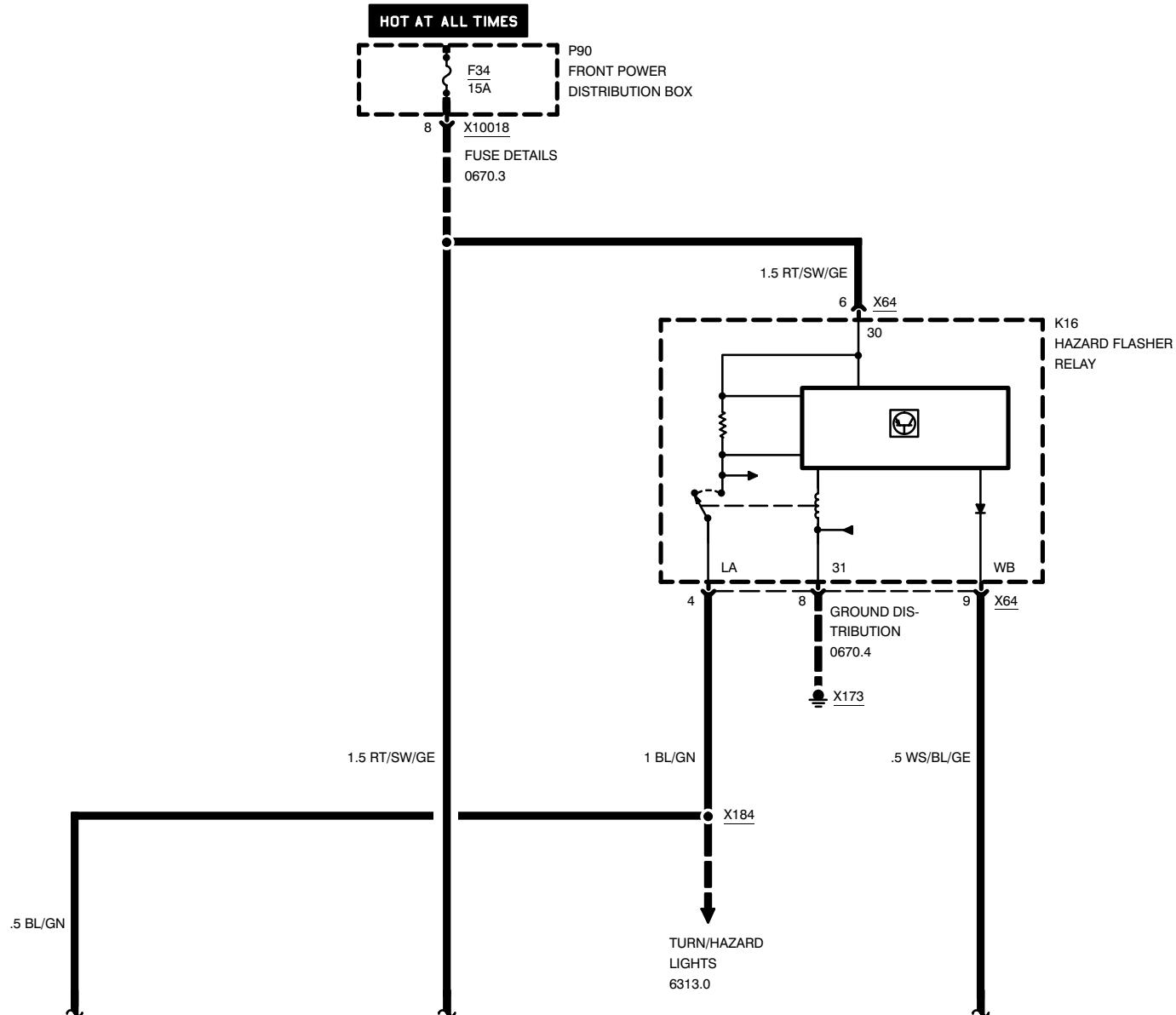


## CRASH CONTROL MODULE

03/98

6350.0-00

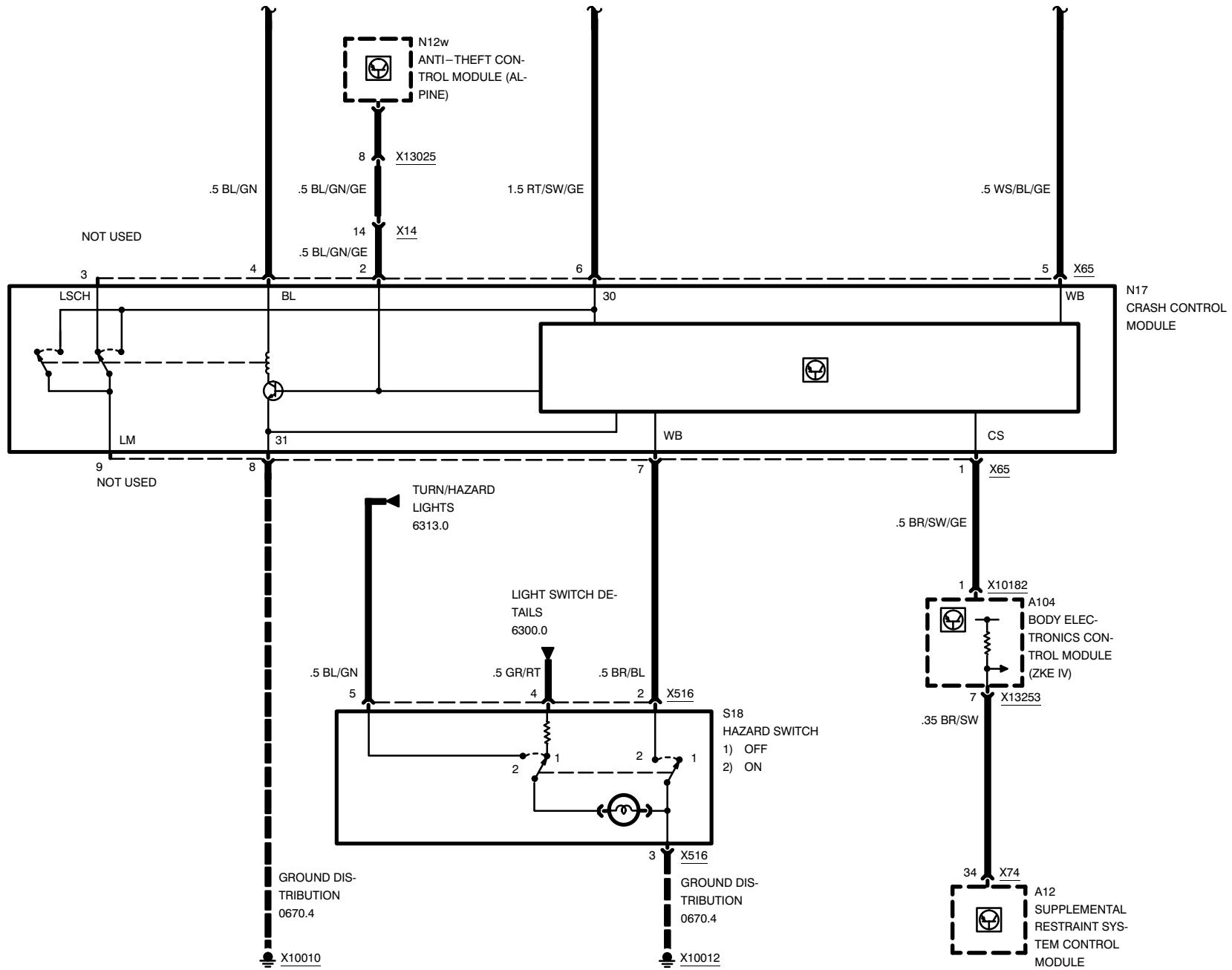
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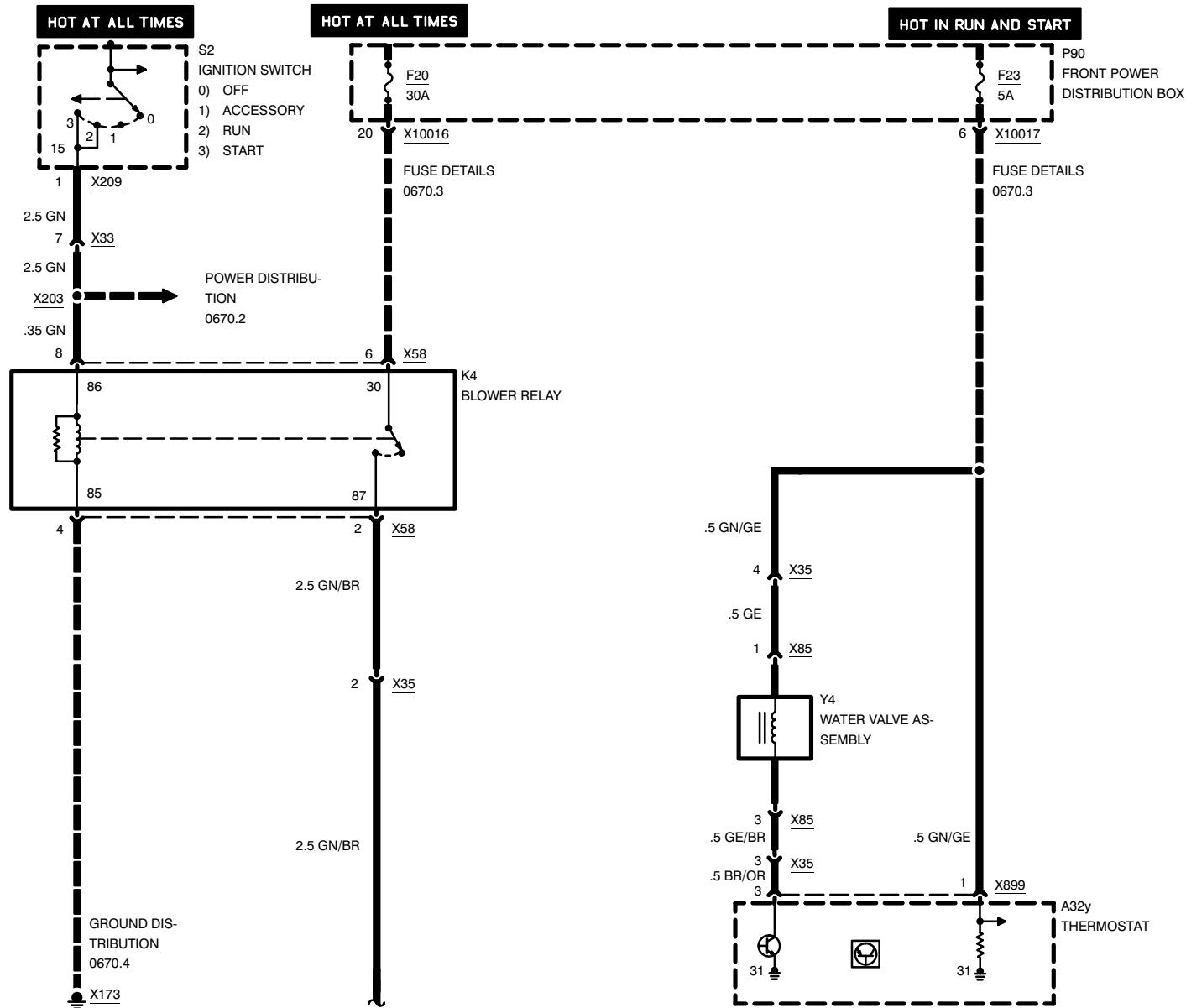


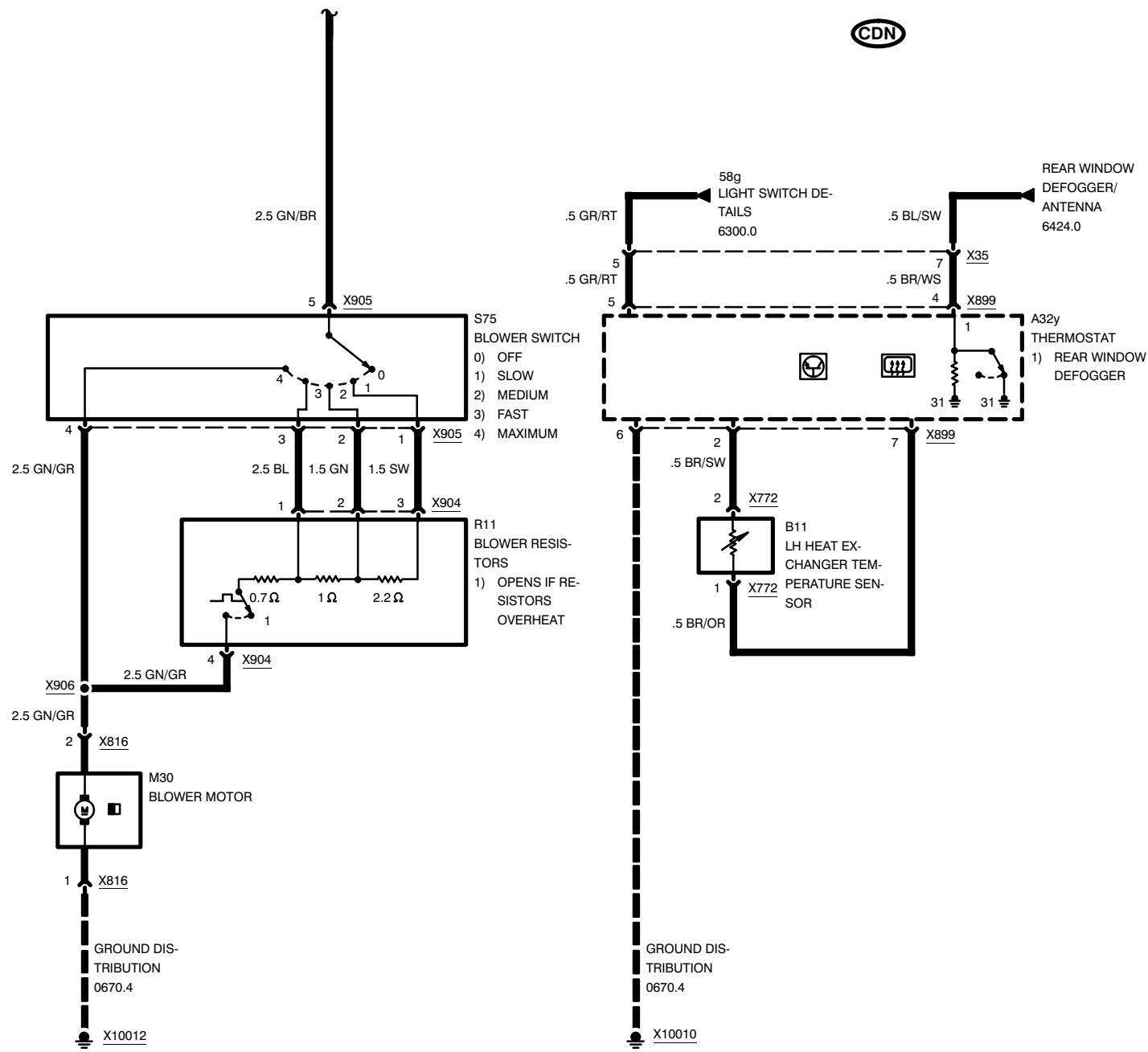
03/98

**6350.0-01**

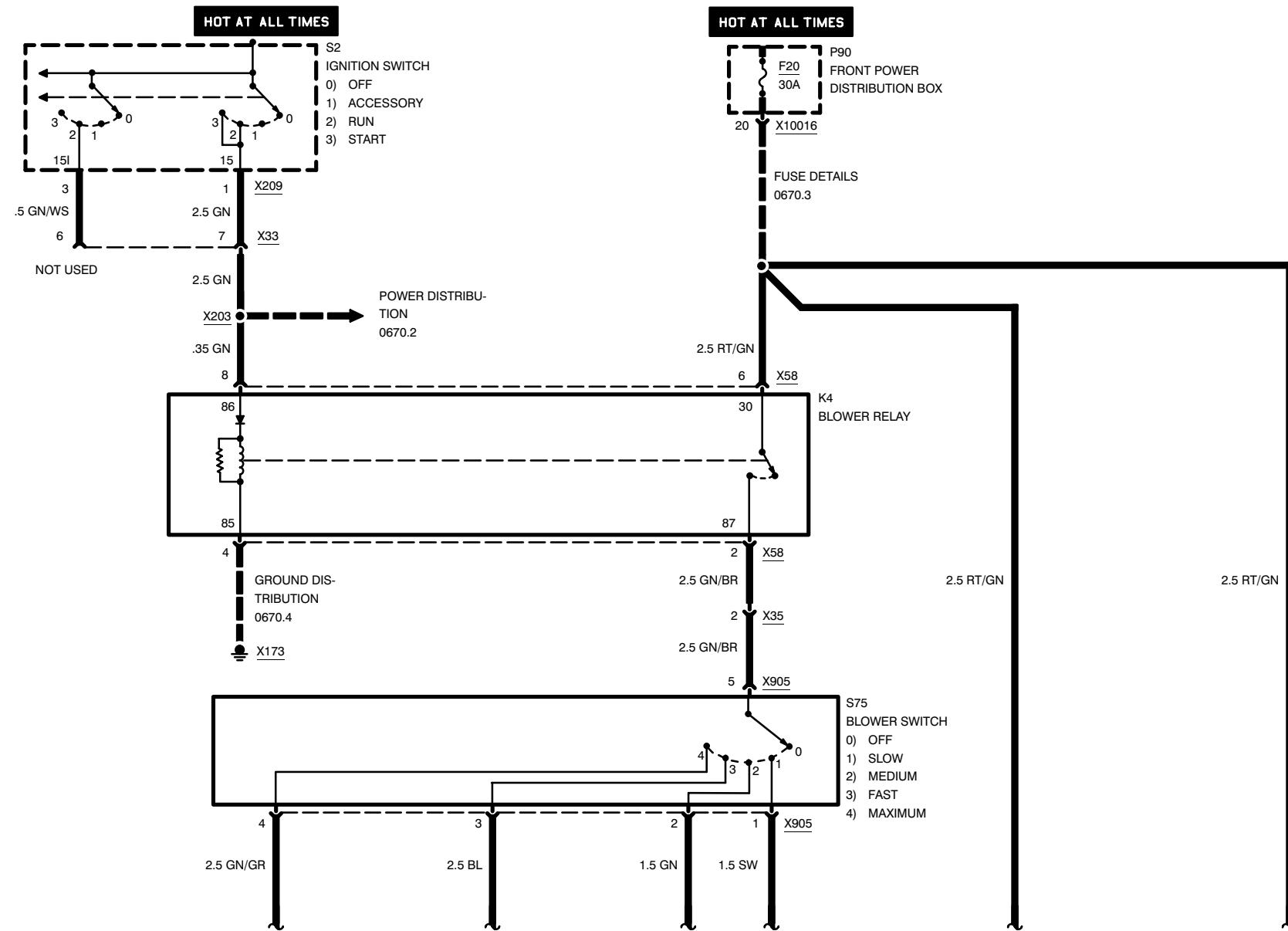
1997







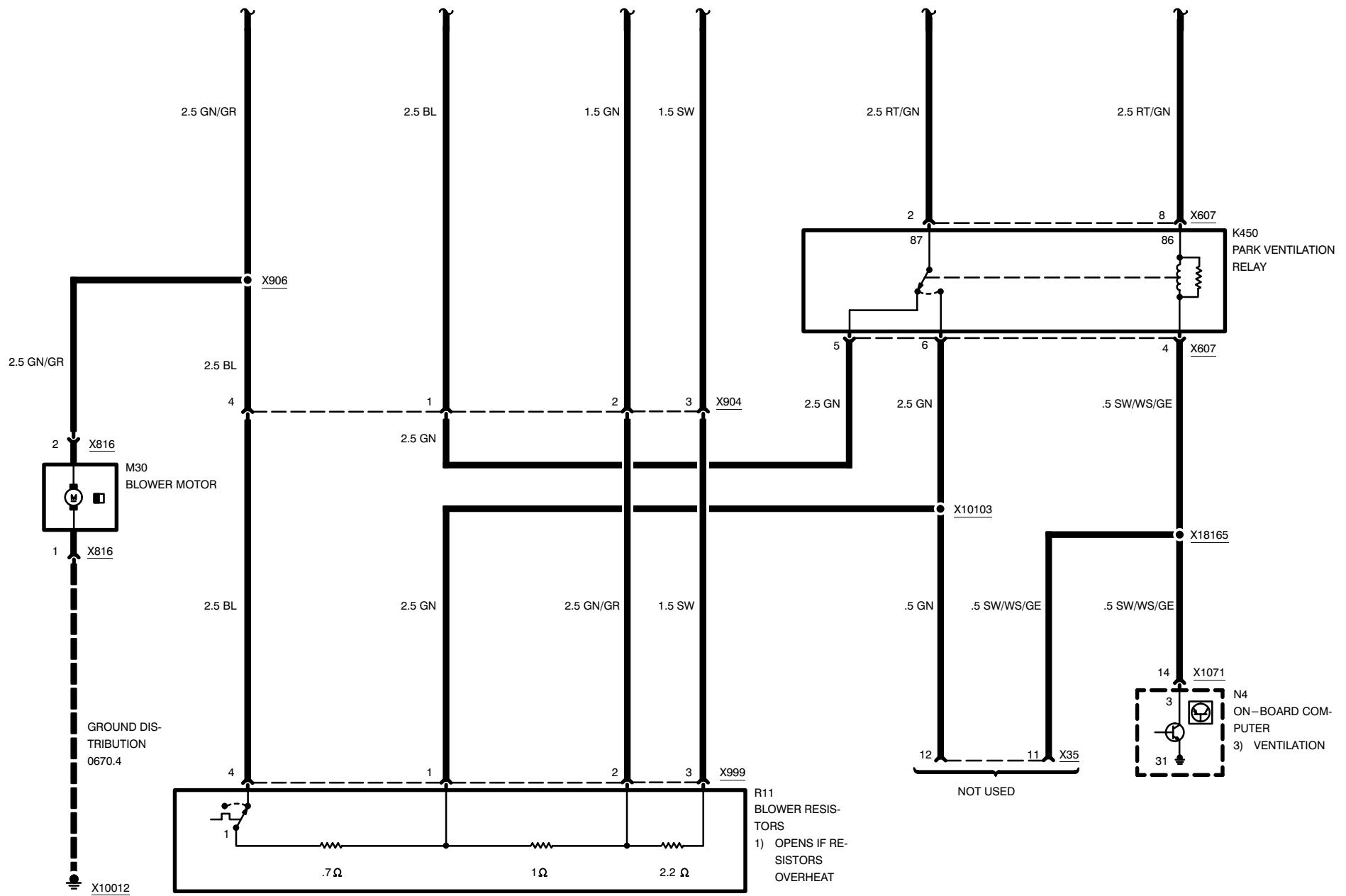
## PARK VENTILATION WITH HR



03/98

6412.10-01

1997



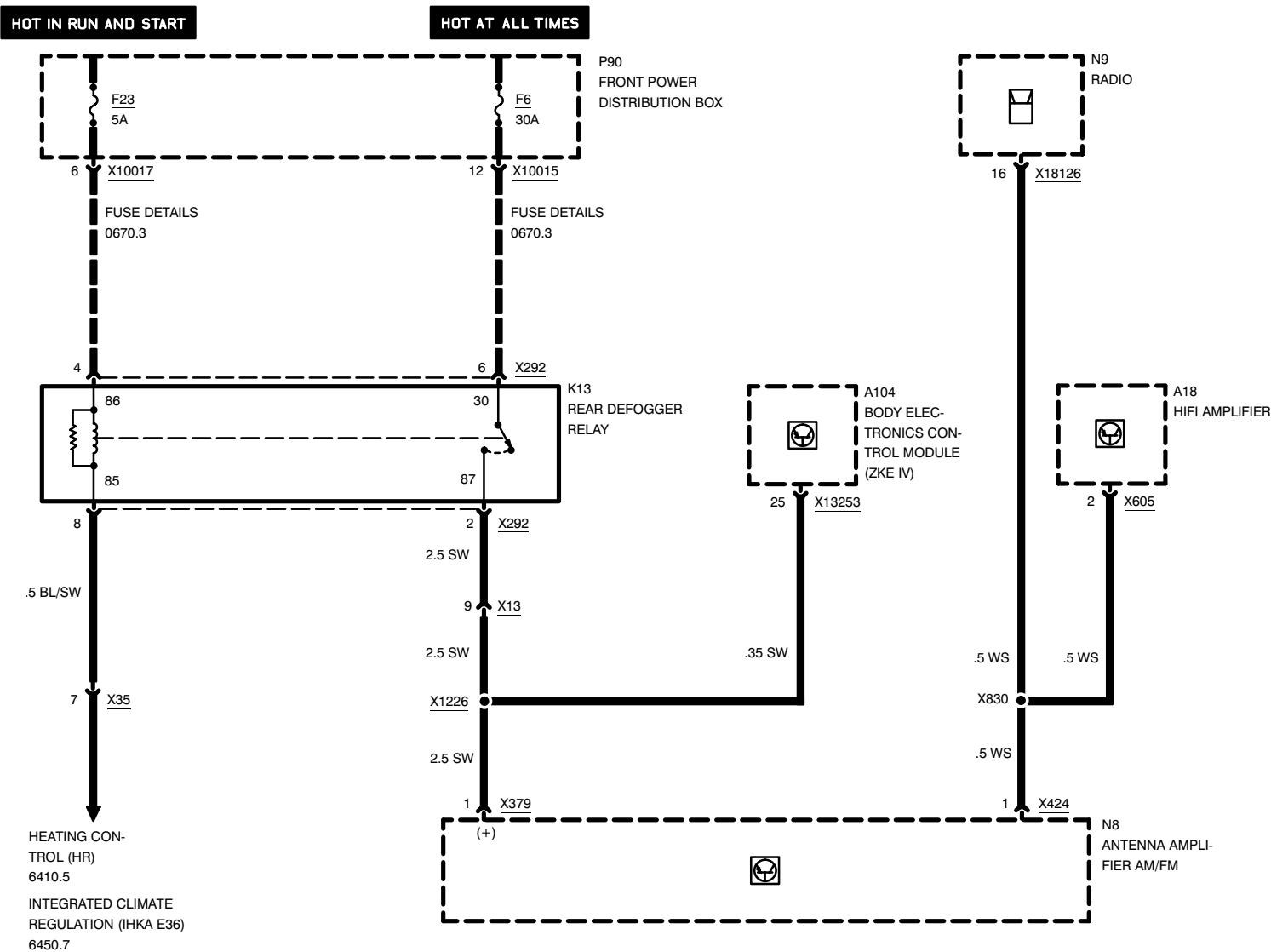


## REAR WINDOW DEFOGGER/ANTENNA

03/98

6424.0-00

1997





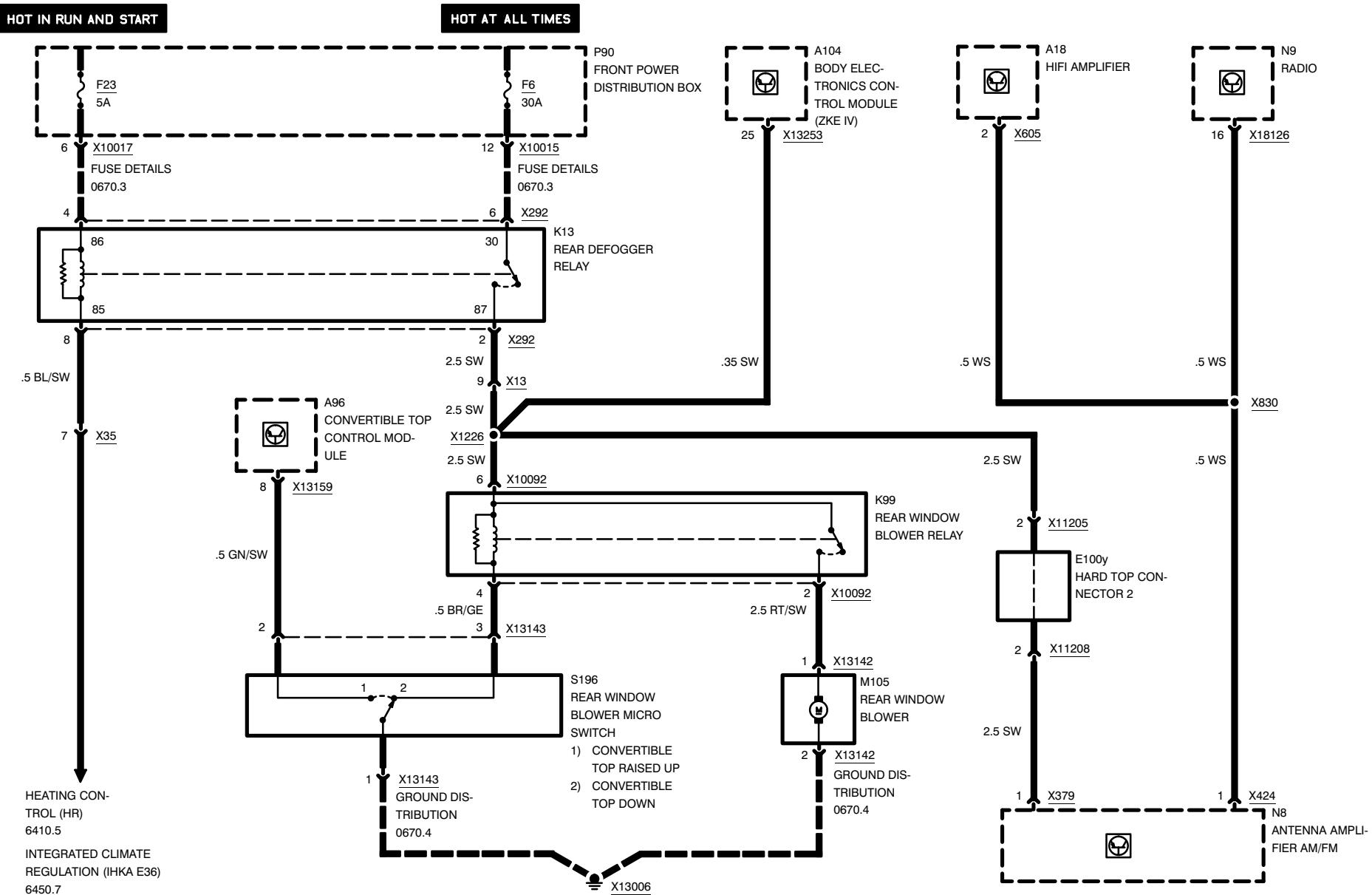
## **REAR WINDOW DEFOGGER/ANTENNA**

## **CONVERTIBLE**

86/88

6424.0-01

1661





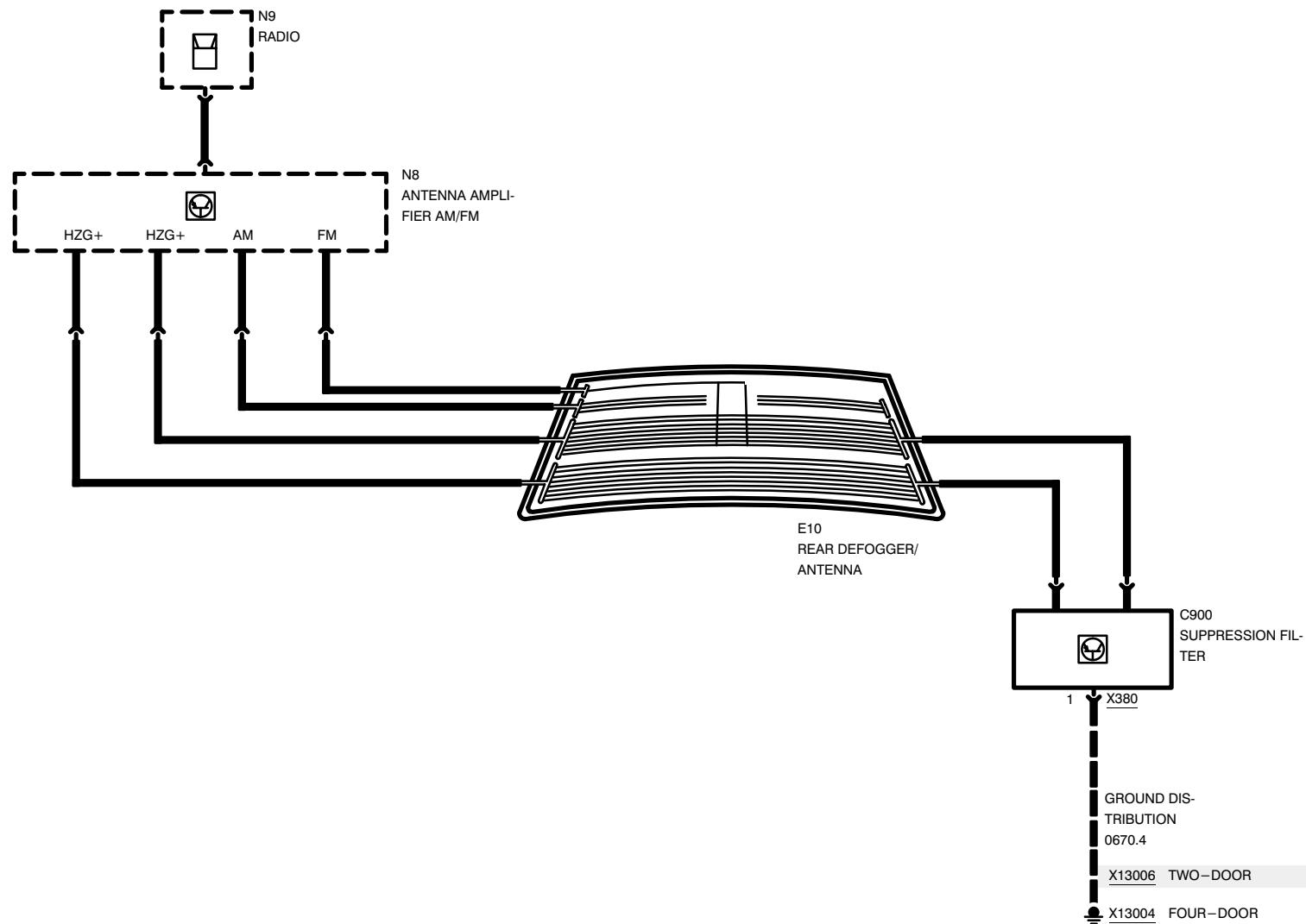
## REAR WINDOW DEFOGGER/ANTENNA

### REAR WINDOW ANTENNA

03/98

6424.0-02

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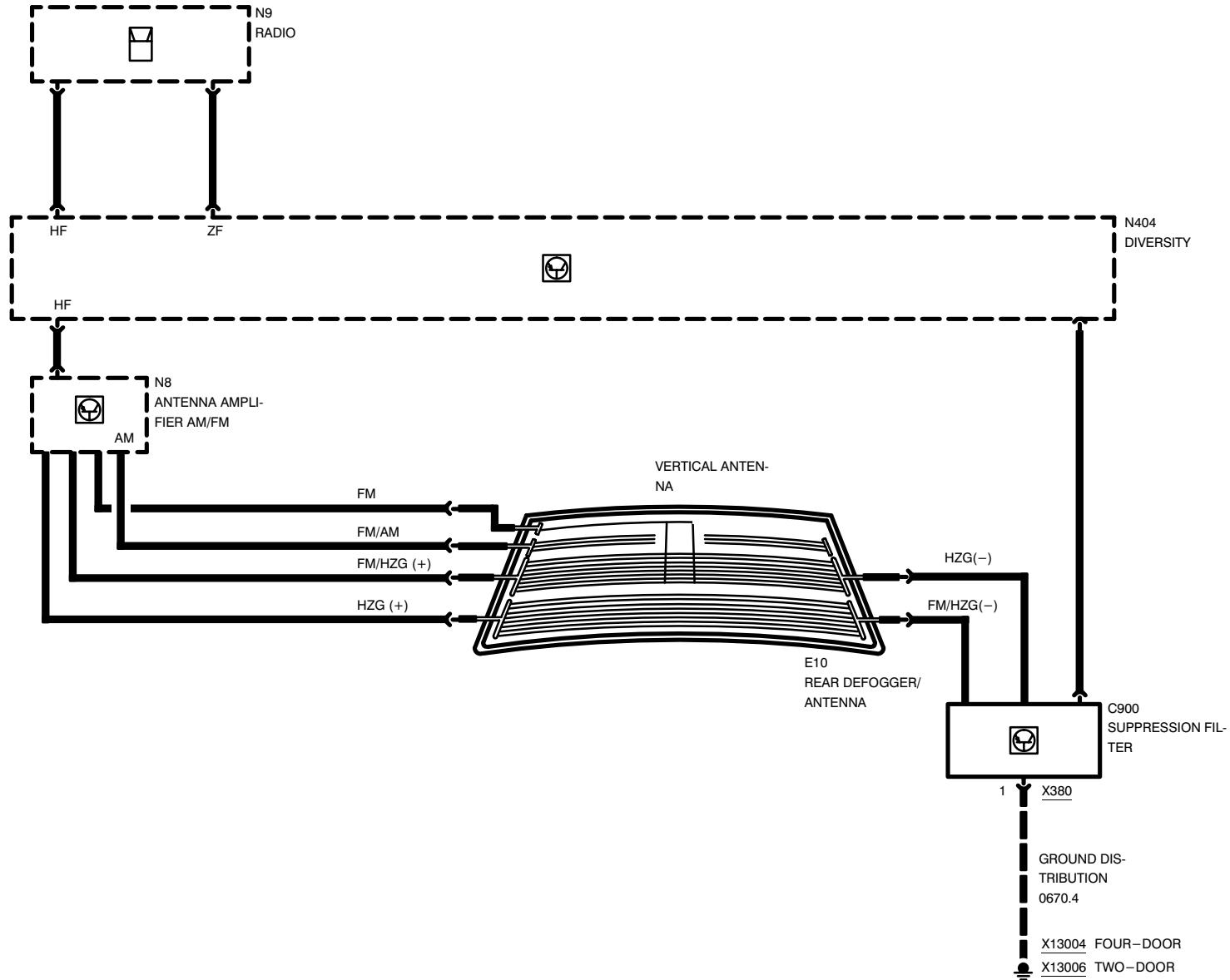
## REAR WINDOW DEFOGGER/ANTENNA

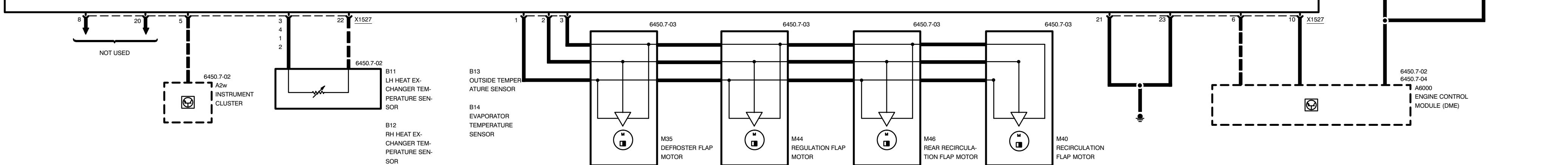
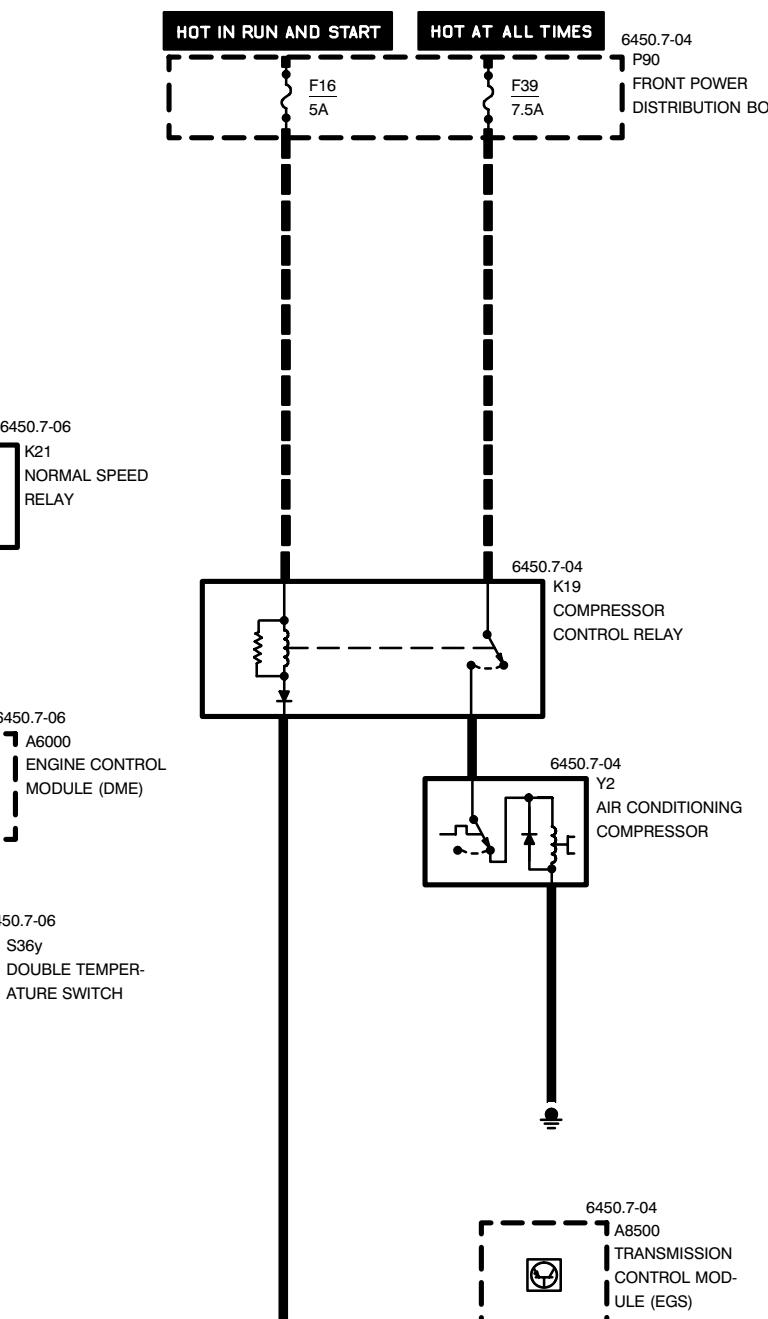
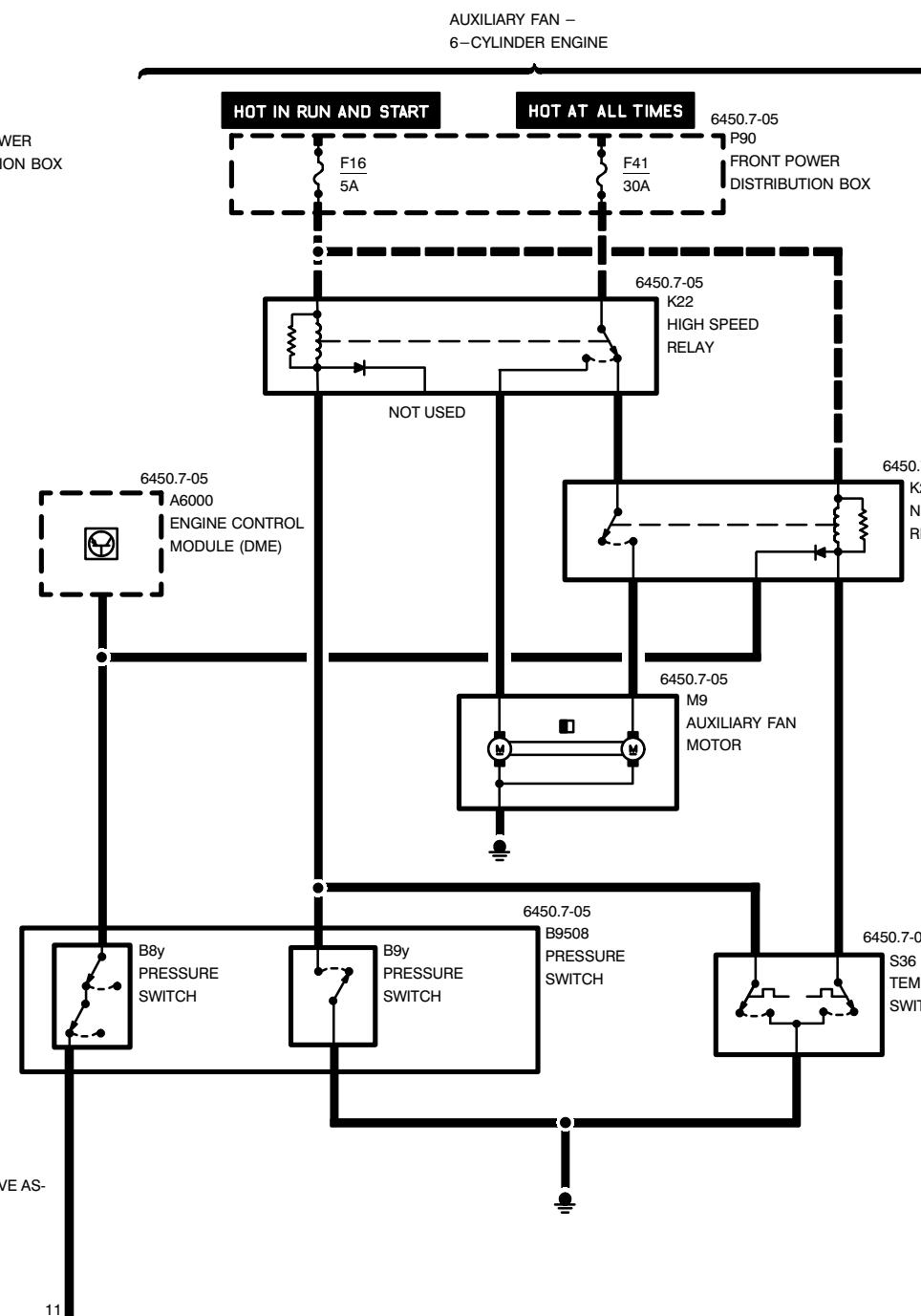
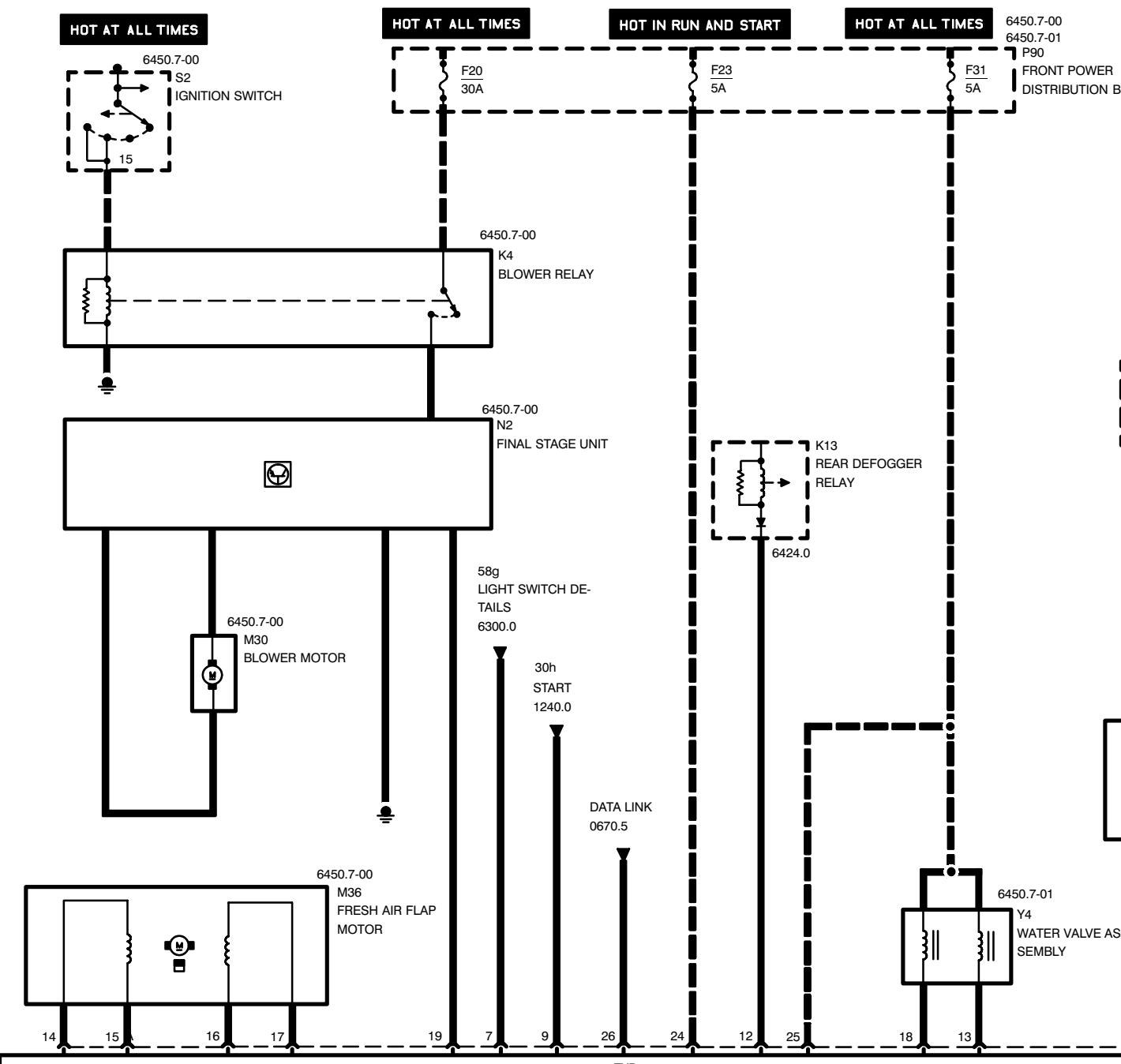
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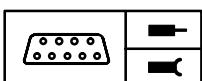
03/98

6424.0-03

1997







## Pin Assignments

### X1527

Pin	Type	Description/Function	Connection
1	E	Outside temperature	Outside temperature sensor
2	E	Evaporator temperature	Evaporator temperature sensor
3	E	Heater temperature, left	Left heat exchanger temperature sensor
4	E	Heater temperature, right	Right heat exchanger temperature sensor
5	E	Vehicle speed signal (Speedometer output signal)	Instrument cluster
6	E	RPM speed signal TD	Engine control module (DME)
7	E	Illumination input	Illumination
8	A	Output signal	On-board computer
9	E	Terminal 50	Starter
10	A	RPM speed increase	Engine control module (DME)
11	A	A/C compressor activation	Pressure switch
12	A	Rear window signal	Rear window
13	A	Water valve activation, right	Right water valve
14	A	Fresh air flap motor activation	Fresh air flap motor
15	A	Fresh air flap motor activation	Fresh air flap motor
16	A	Fresh air flap motor activation	Fresh air flap motor
17	A	Fresh air flap motor activation	Fresh air flap motor
18	A	Water valve activation, left	Left water valve
19	A	A/C fan activation	A/C fan final stage
20	E	Independent ventilation	Relay box
21	M	Ground	Control panel
22	M	Ground	Mixing actuator
23	M	Ground	Control panel
24	E	Terminal 15	Fuse
25	E	Terminal 30	Fuse
26	E/A	Diagnostic data link	Data link connector

E = Input, A = Output, M = Ground



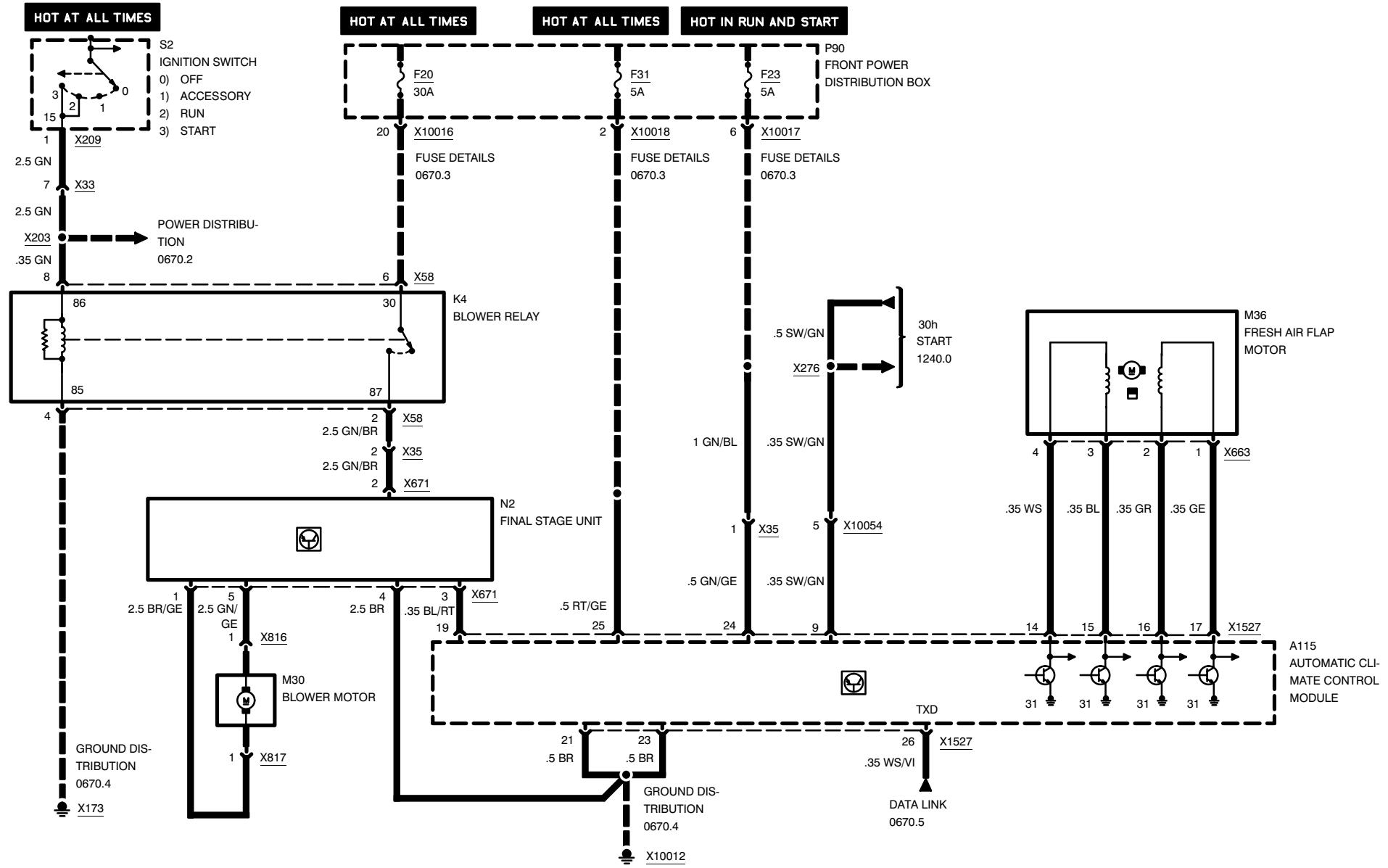
# INTEGRATED CLIMATE REGULATION (IHKA E36)

## POWER, AIR FLOW CONTROL

03/98

6450.7-00

1997

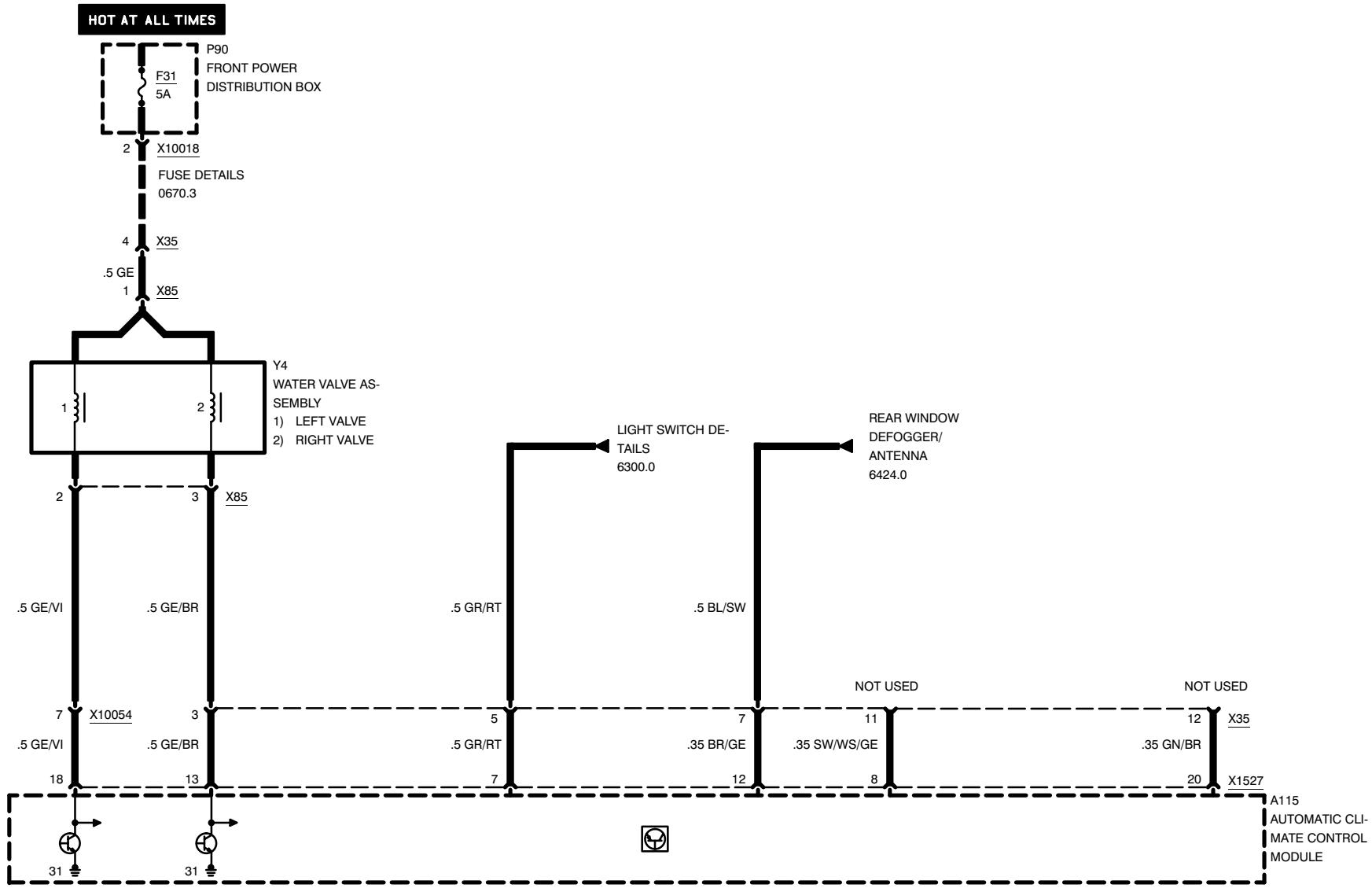


## INTEGRATED CLIMATE REGULATION (IHKA E36)

03/98

6450.7-01

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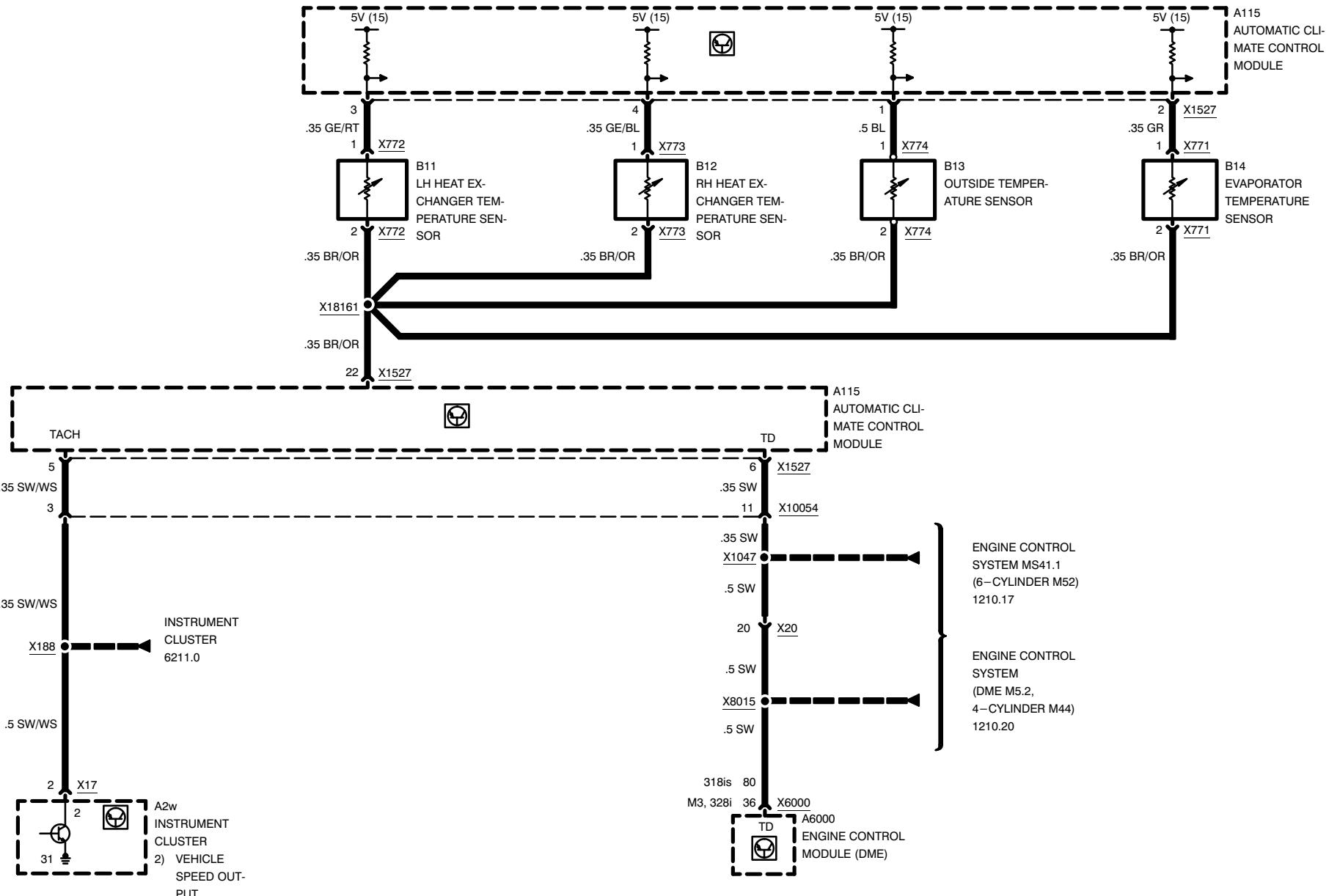
## INTEGRATED CLIMATE REGULATION (IHKA E36)

### TEMPERATURE CONTROL

03/98

6450.7-02

1997





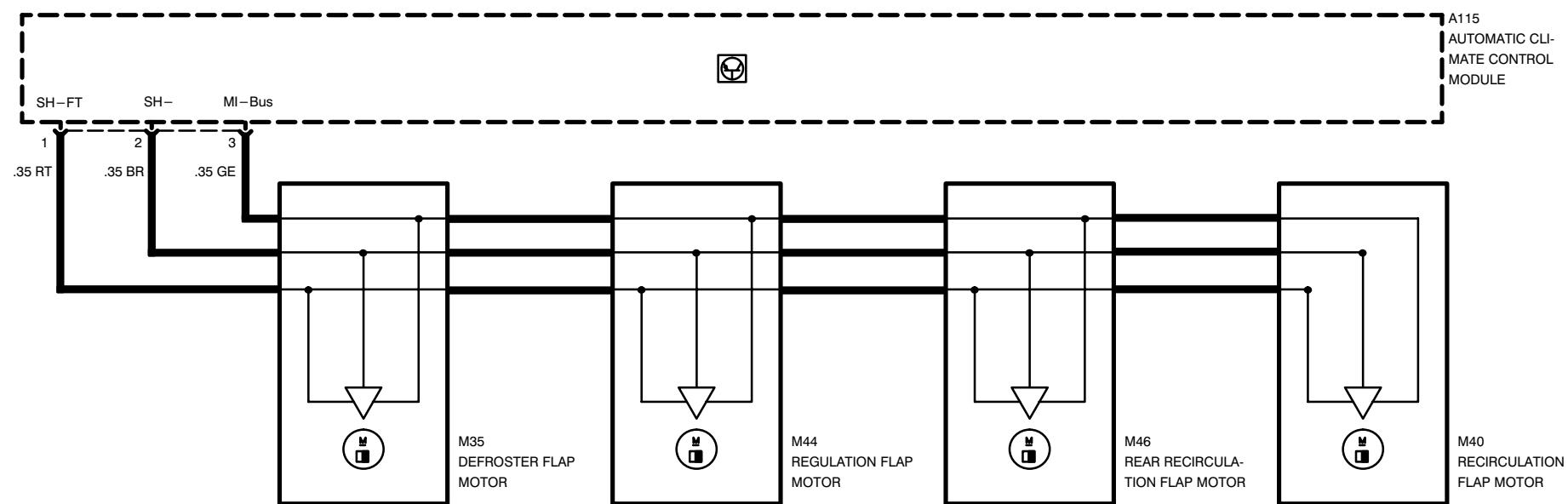
## INTEGRATED CLIMATE REGULATION (IHKA E36)

### AIR DELIVERY

03/98

6450.7-03

1997

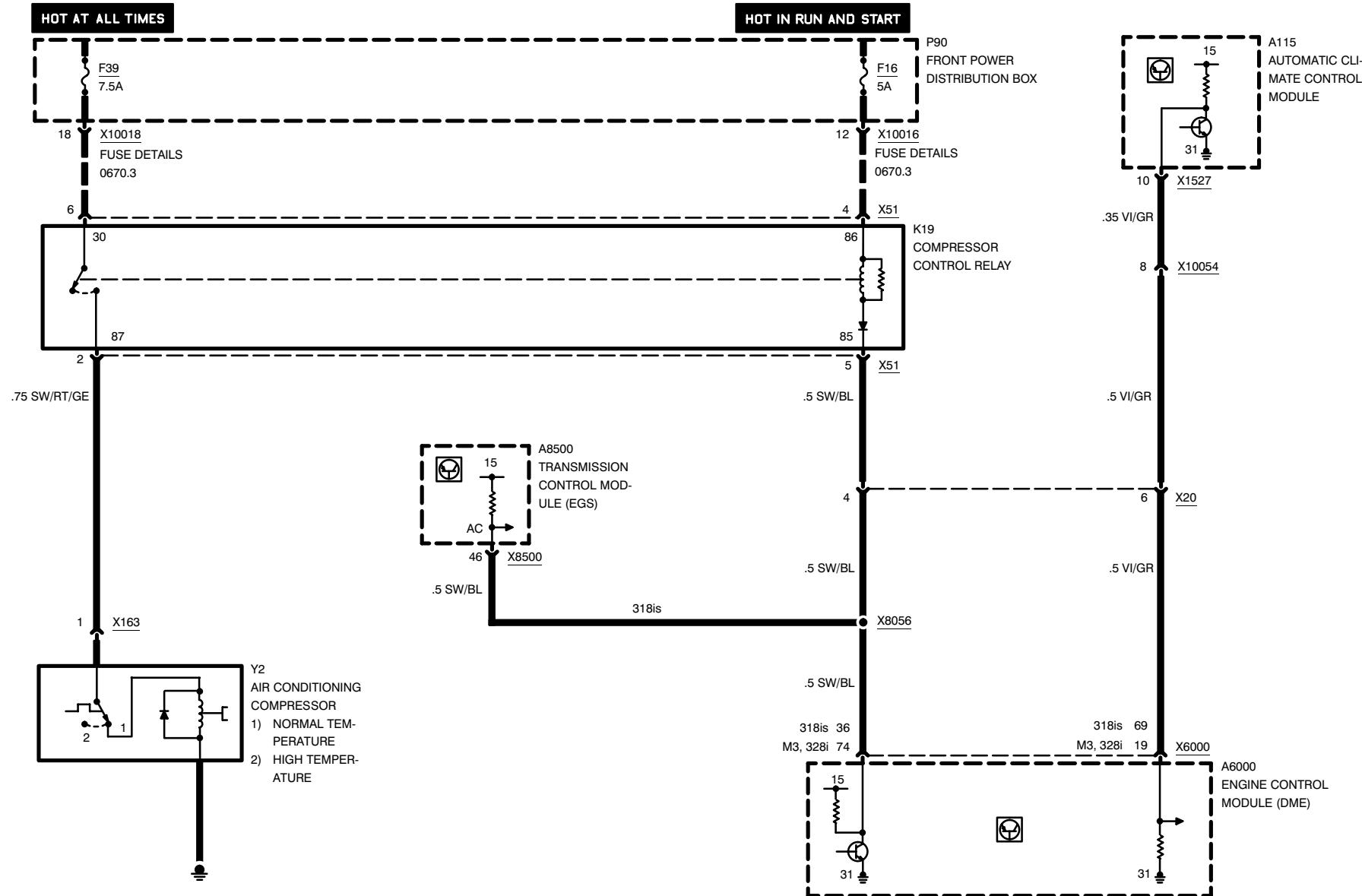




# **INTEGRATED CLIMATE REGULATION (IHKA E36) COMPRESSOR CONTROLS**

03/98

6450.7-04 ————— 1997



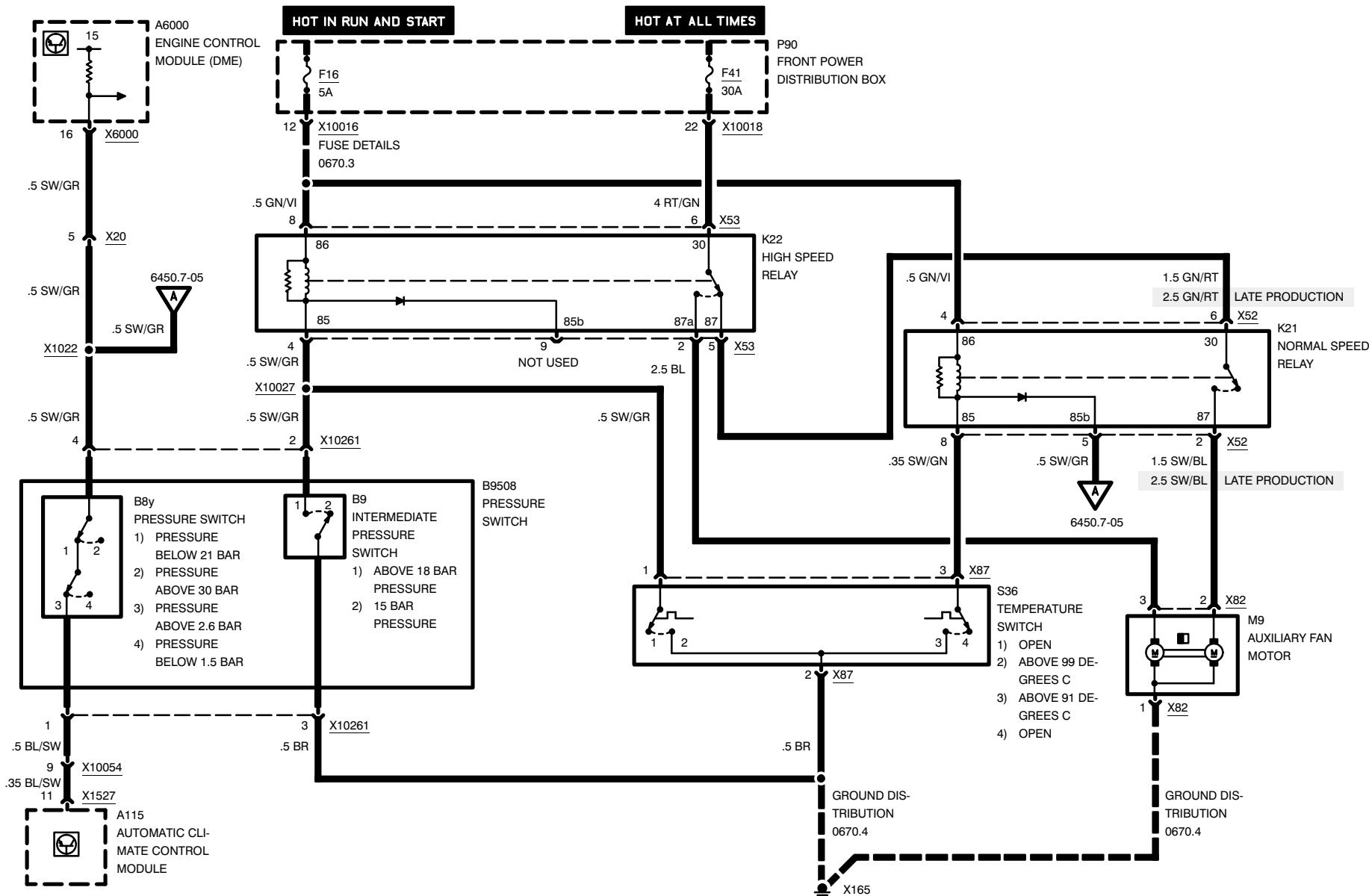


# INTEGRATED CLIMATE REGULATION (IHKA E36)

## AUXILIARY FAN – 6-CYLINDER ENGINE

03/98

6450.7-05



1997



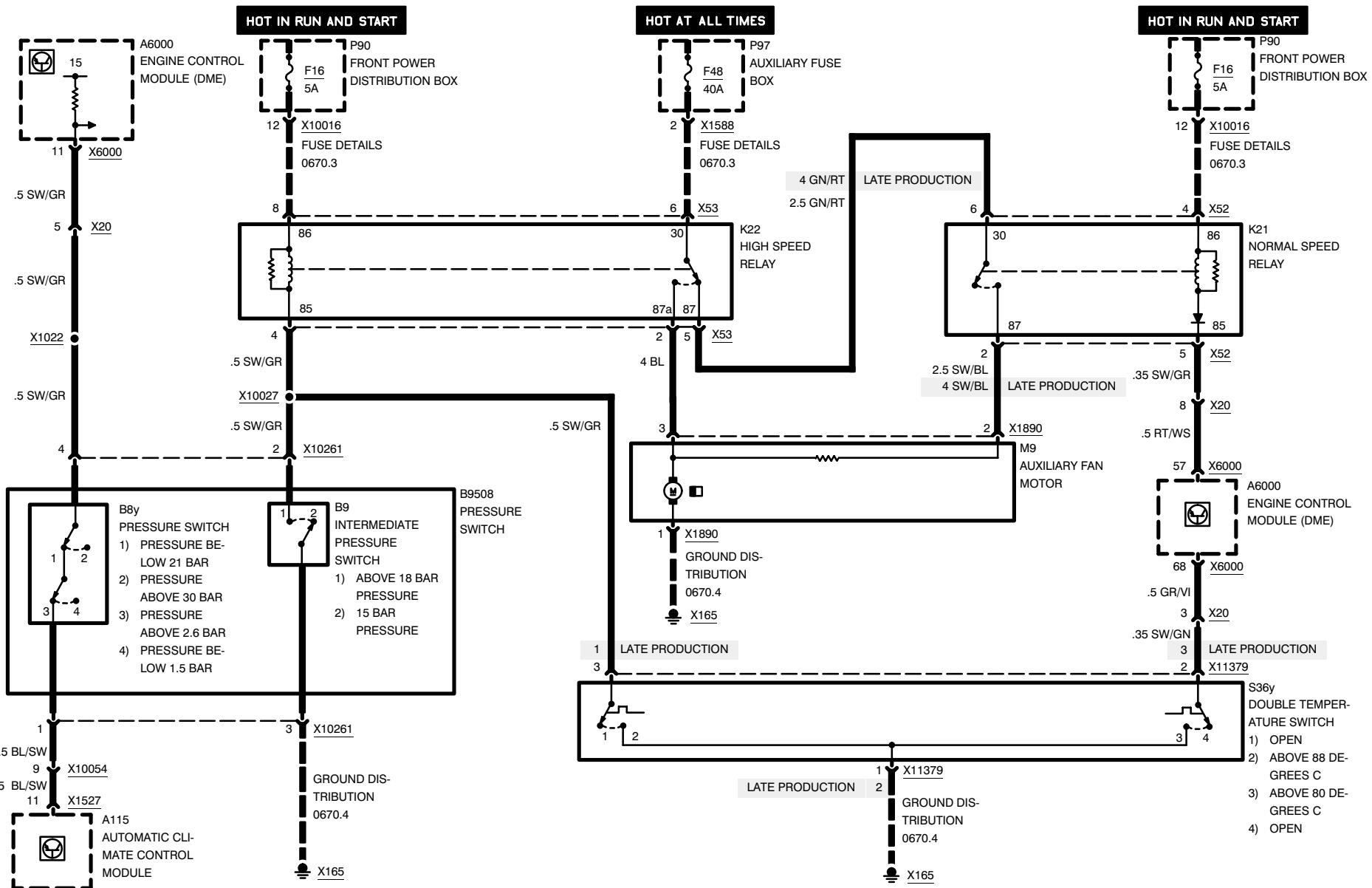
# INTEGRATED CLIMATE REGULATION (IHKA E36)

## AUXILIARY FAN – 4-CYLINDER ENGINE

03/98

6450.7-06

1997





## **RADIO/STEREO**

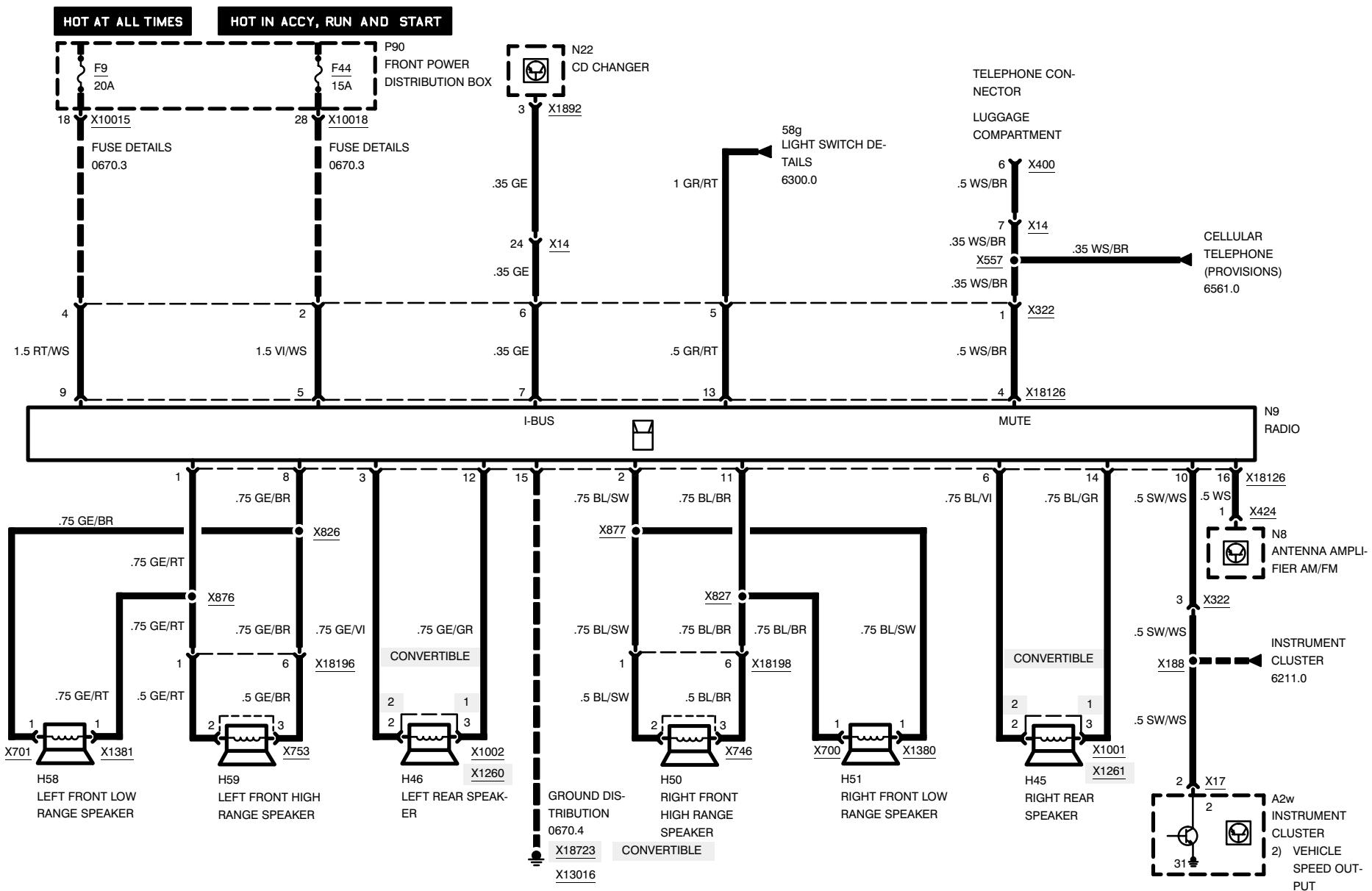
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### **STEREO, 6-SPEAKER SYSTEM**

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610-0-00

1661





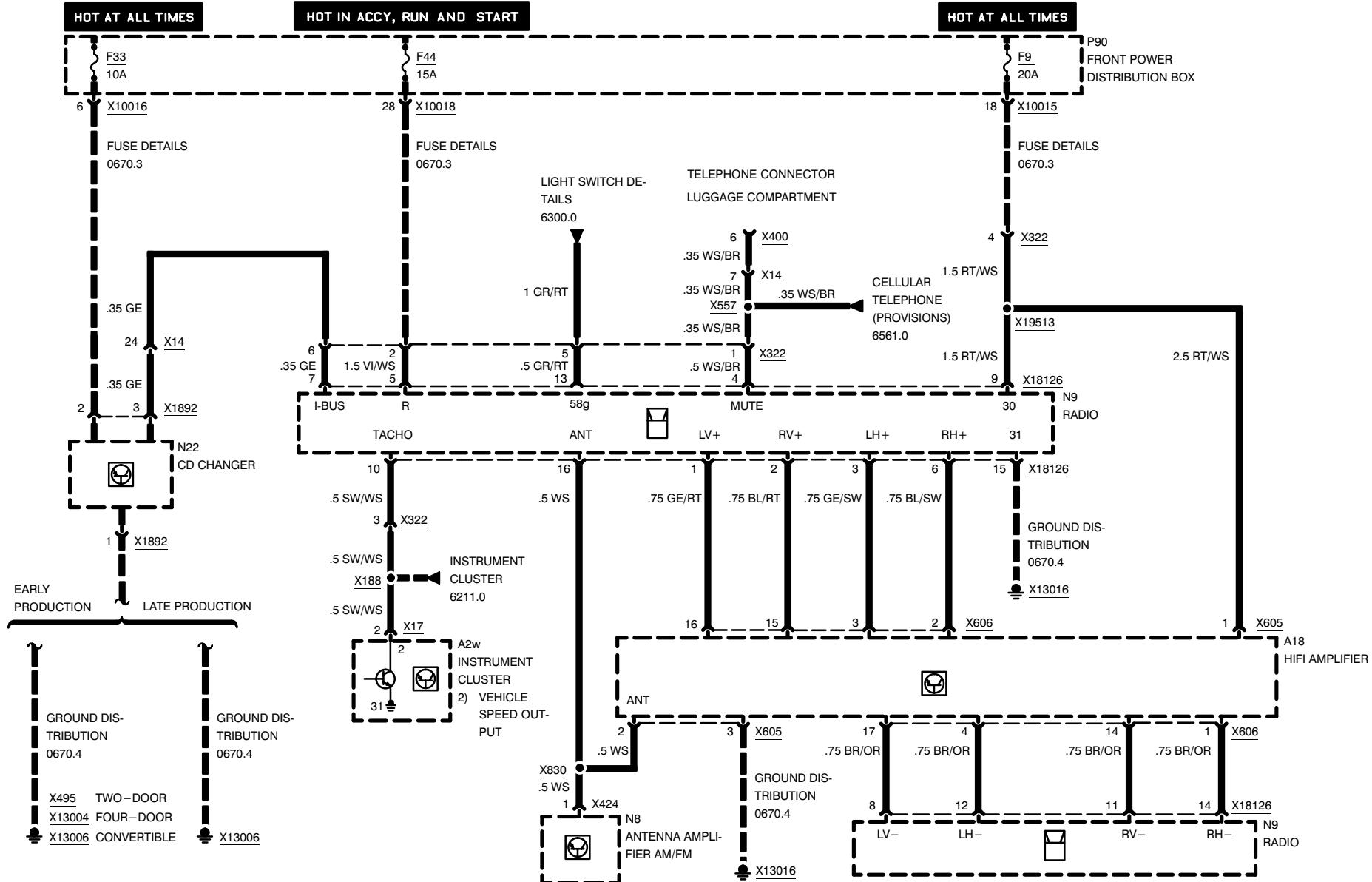
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## HIFI, 10-SPEAKER SYSTEM

86/80

6510.1-00

1997





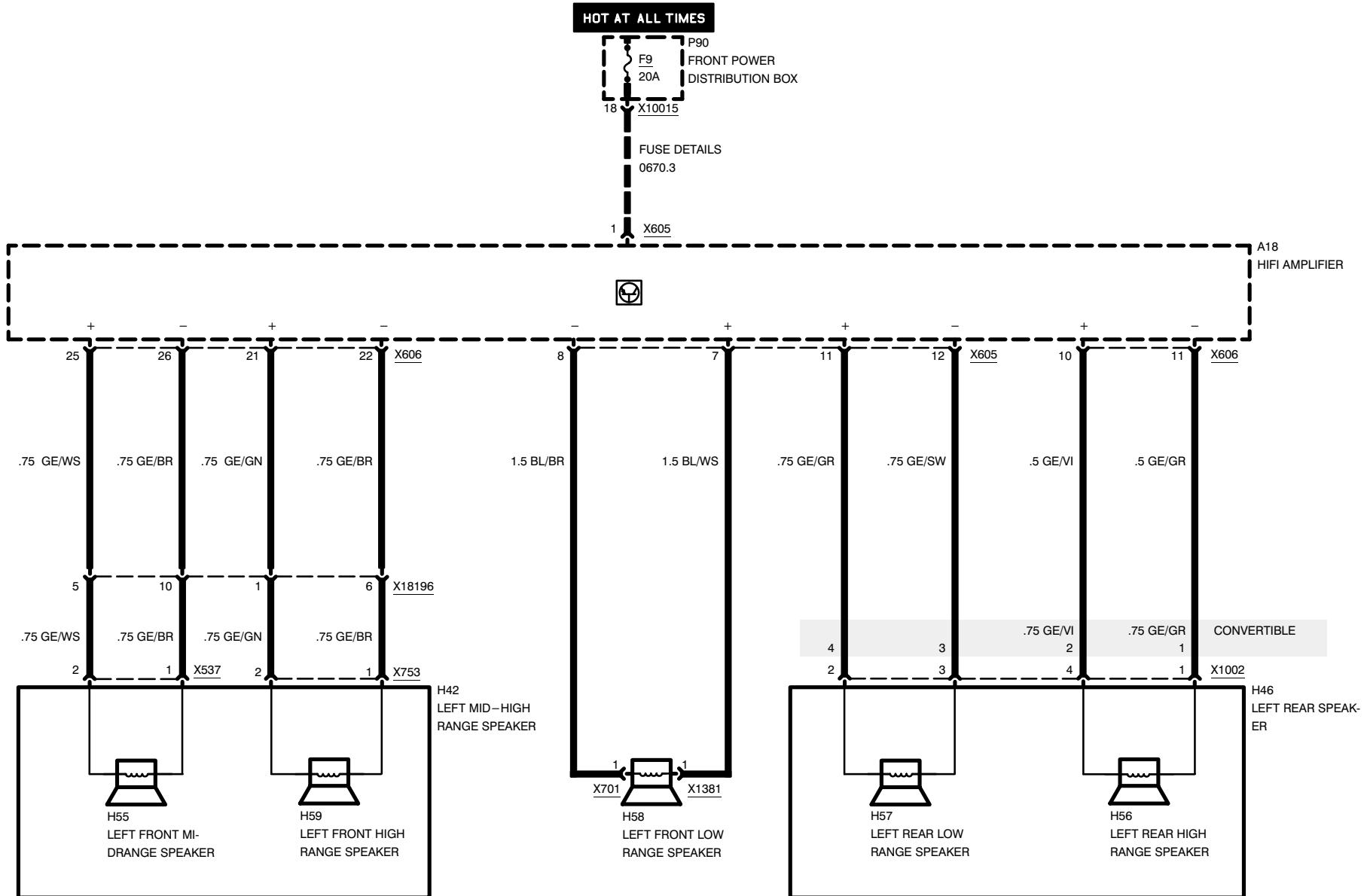
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### HIFI, 10-SPEAKER SYSTEM

03/98

6510.1-01

1997





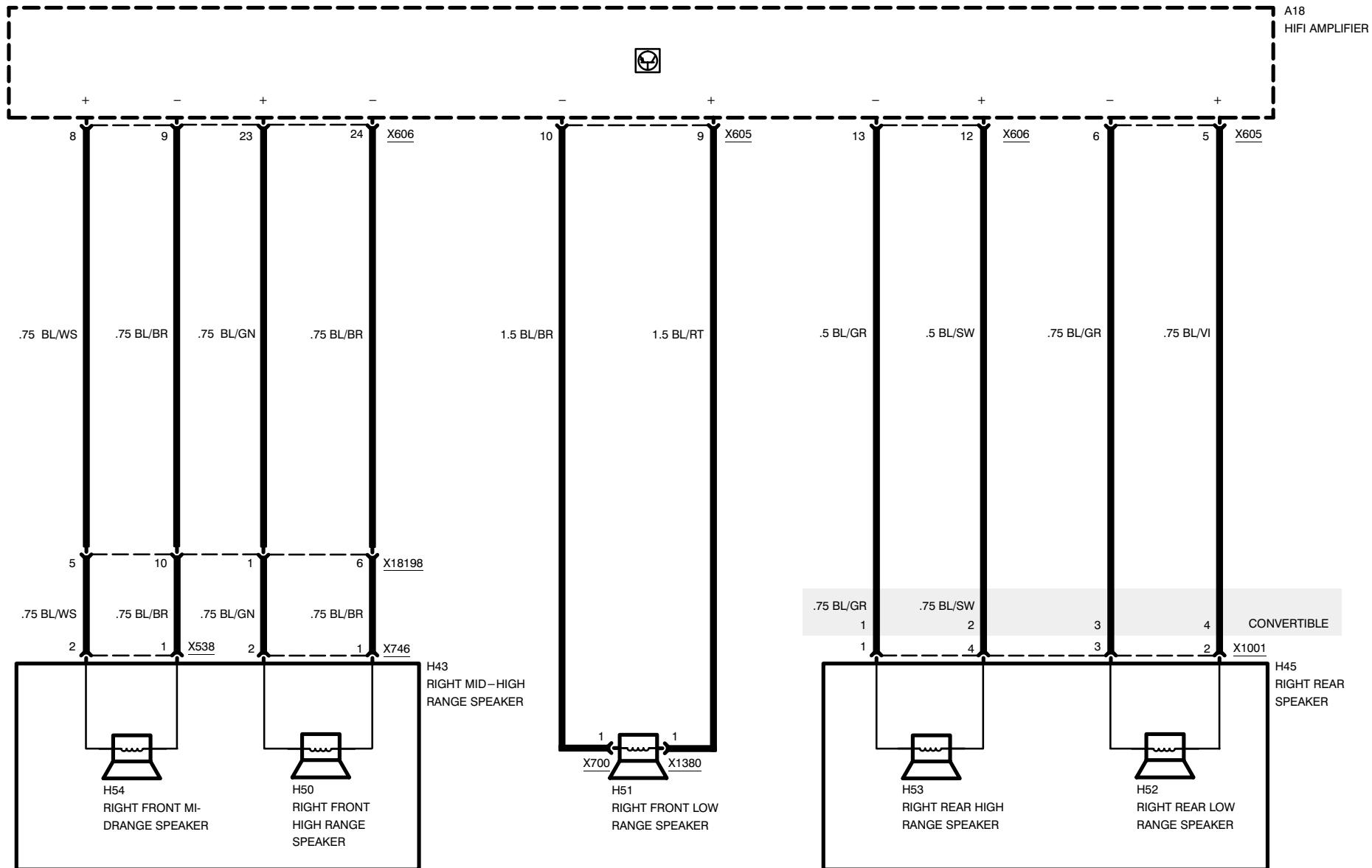
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03/98

6510.1-02

1997





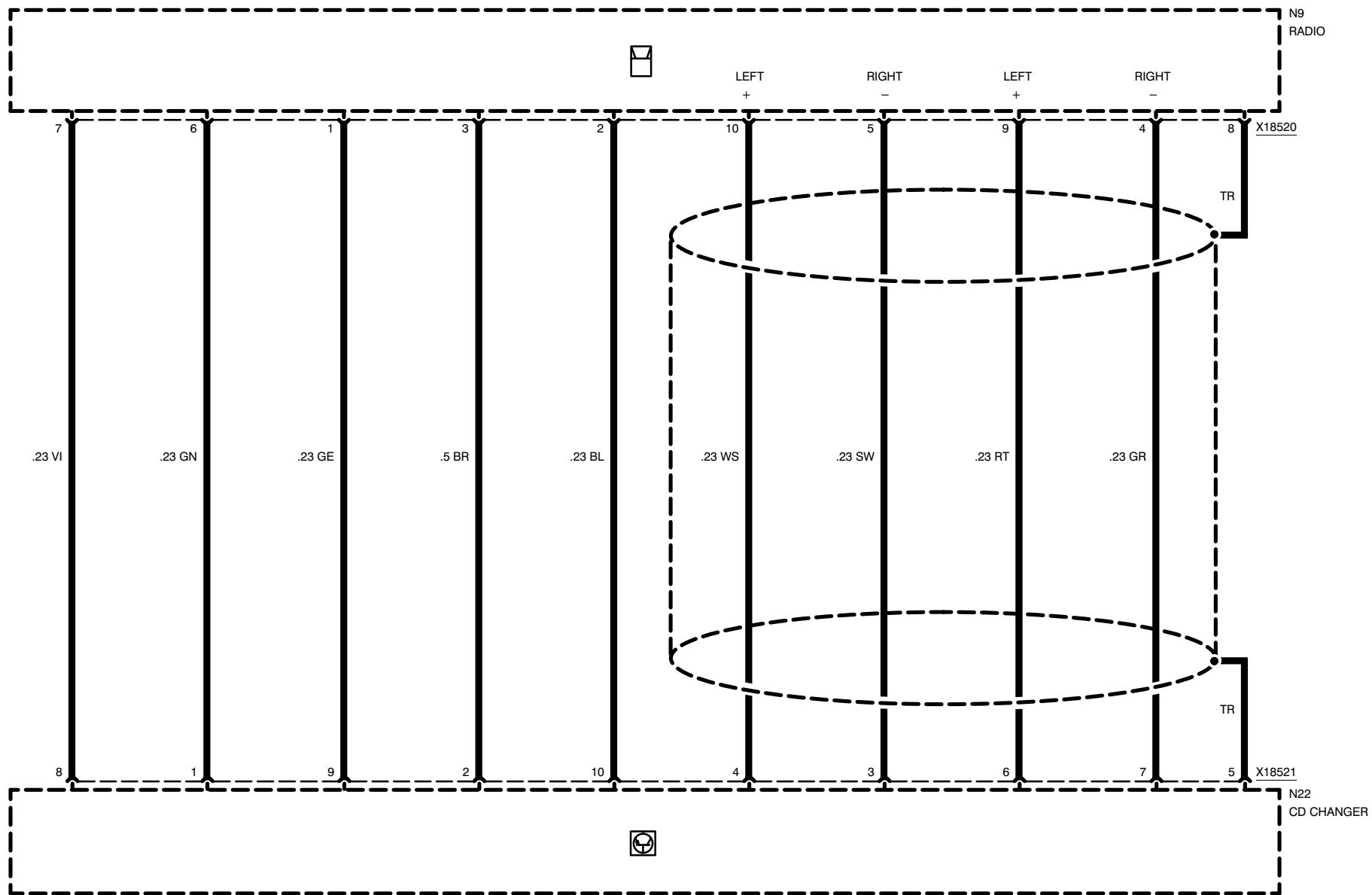
RADIO/HIFI

HIFI, 10-SPEAKER SYSTEM

03/98

6510.1-03

1997



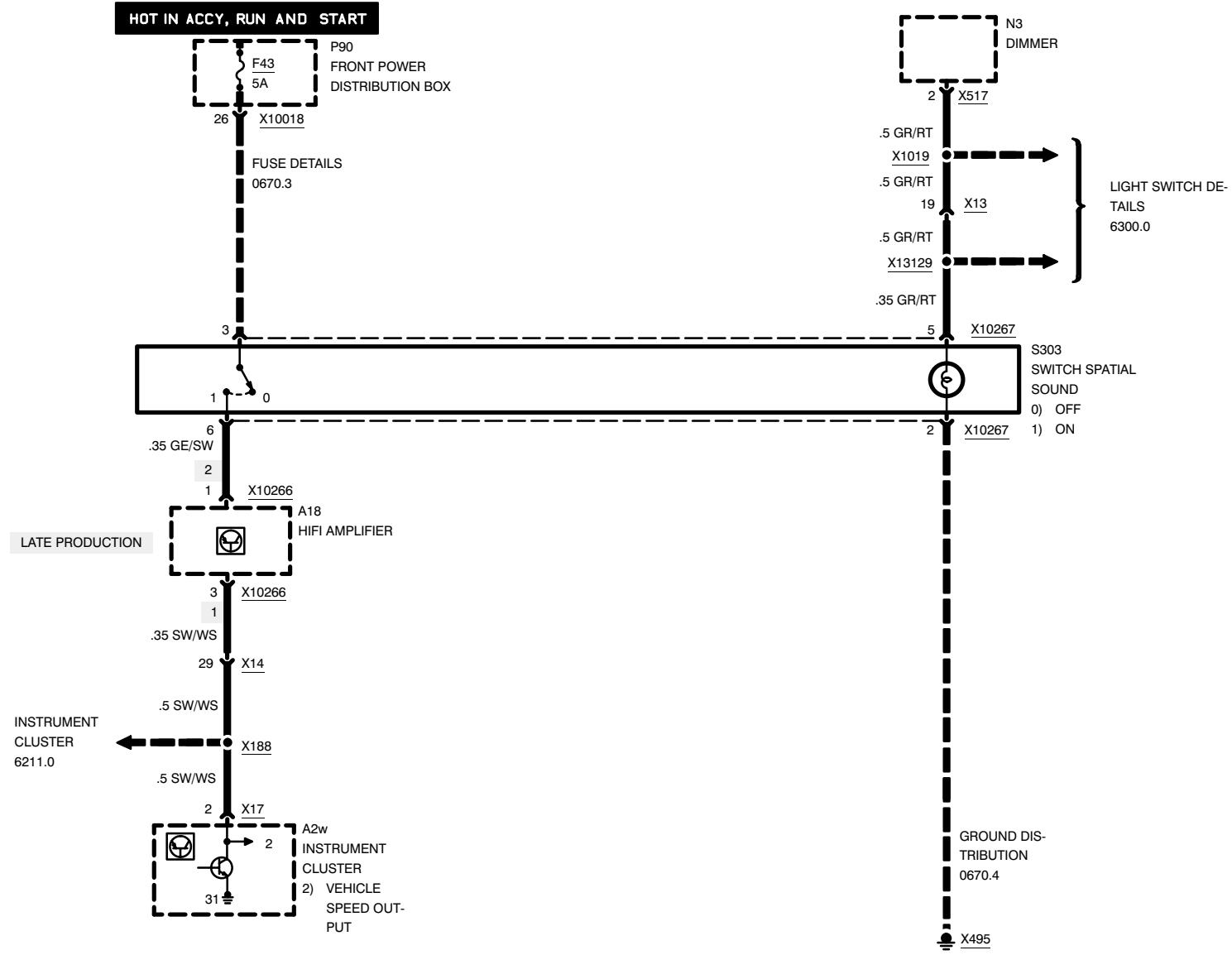


## RADIO/HIFI

### HIFI, 10-SPEAKER SYSTEM

03/98

6510.1-04



1997



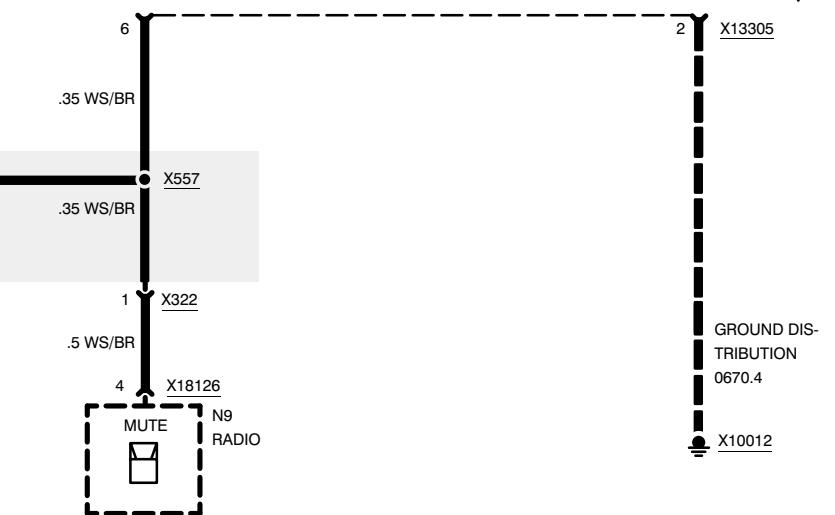
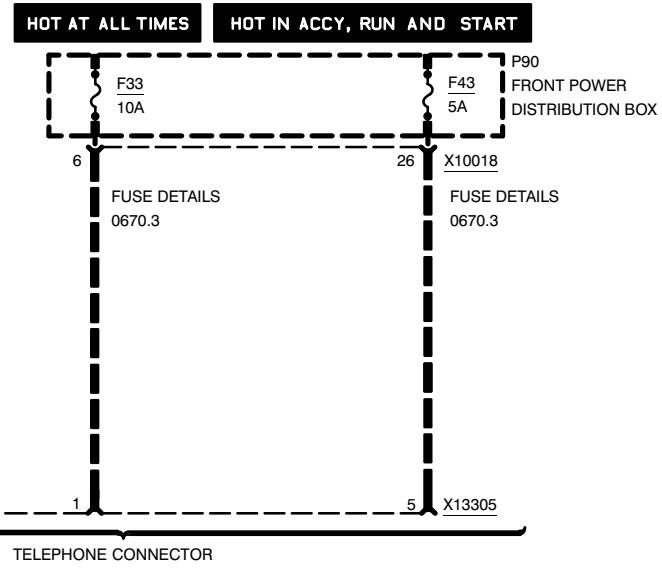
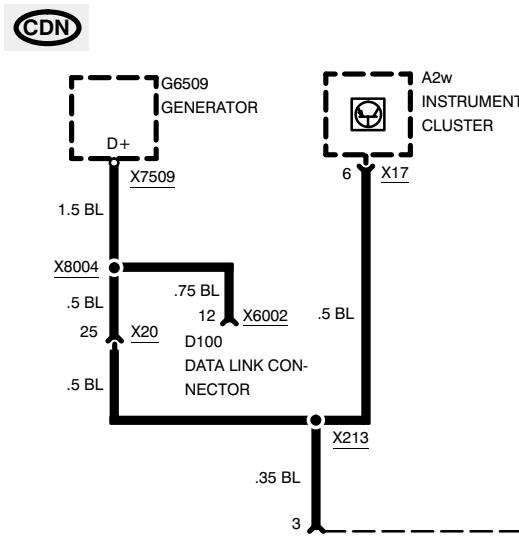
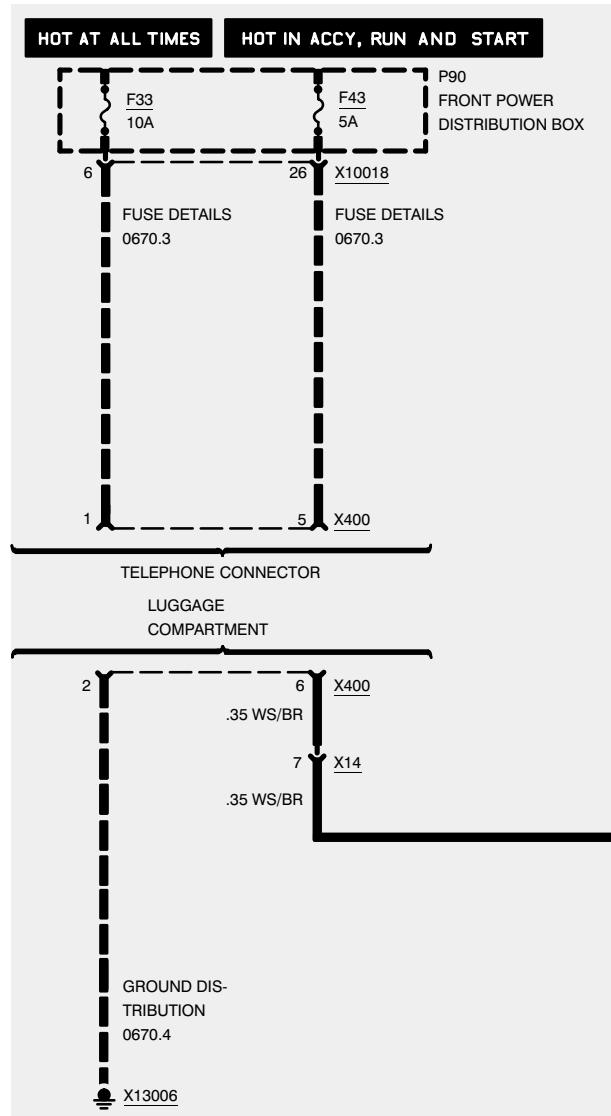
## CELLULAR TELEPHONE (PROVISIONS)

### PROVISIONS

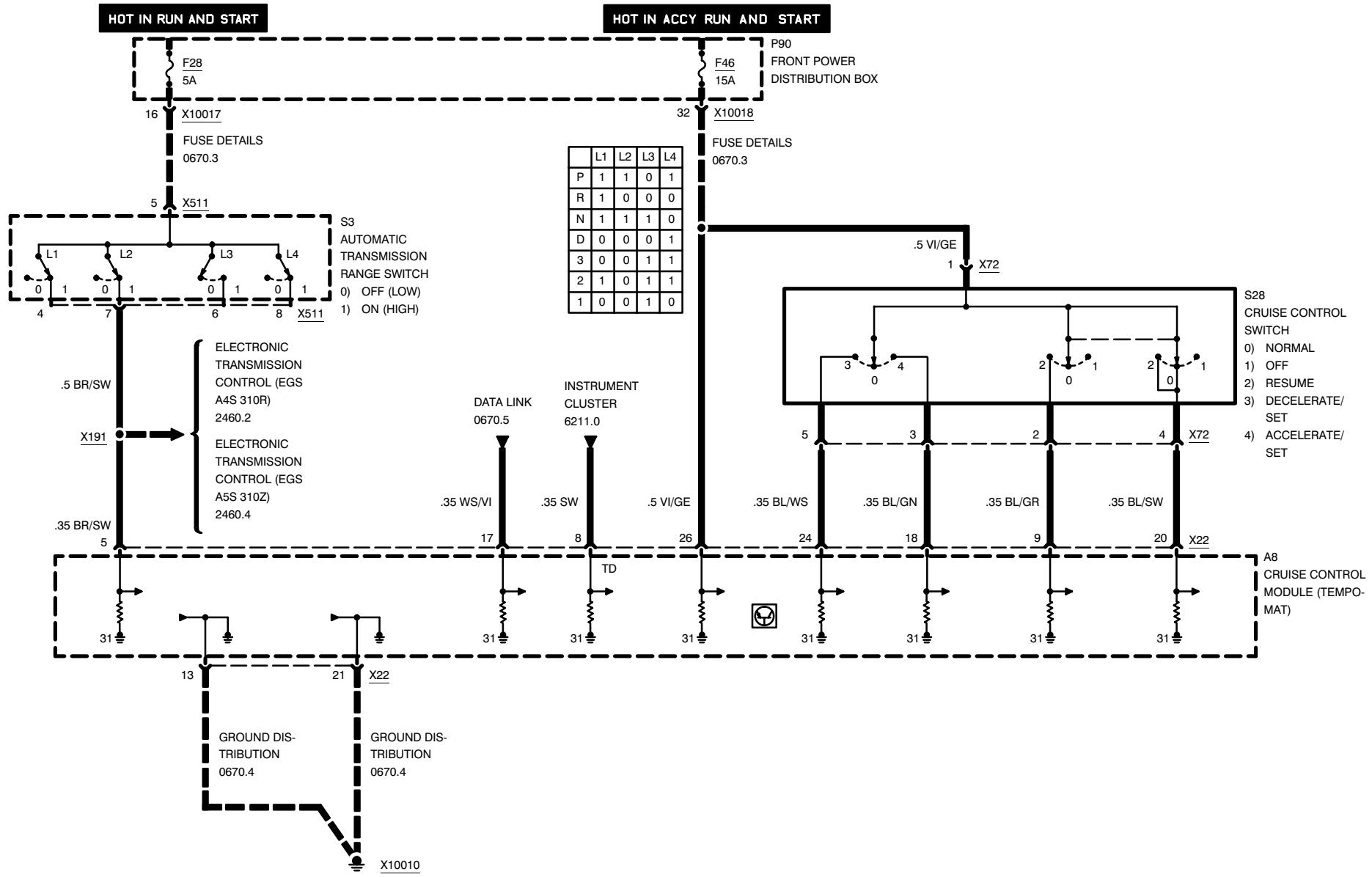
03/98

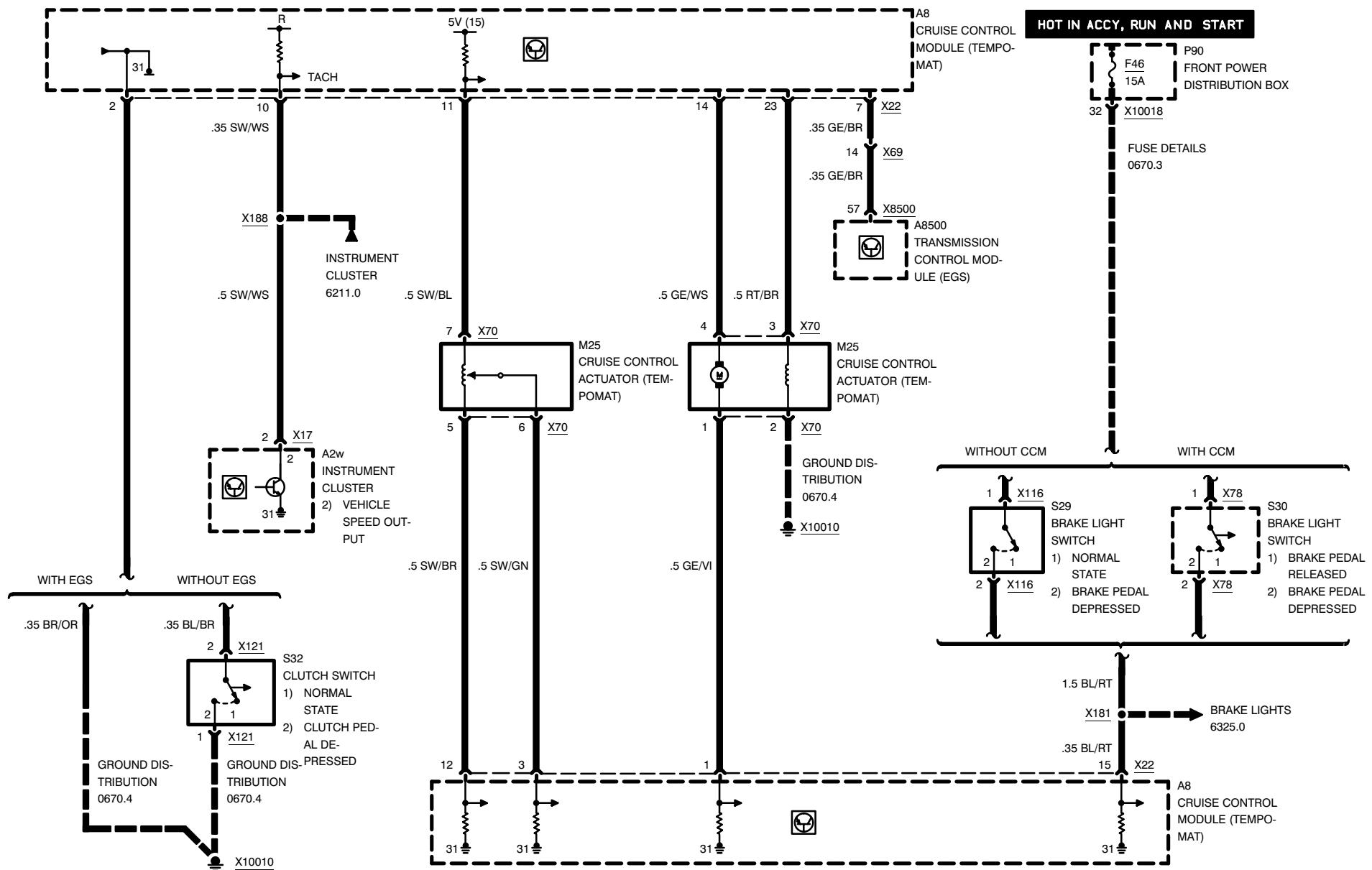
6561.0-00

1997



## CRUISE CONTROL (TEMPOMAT)



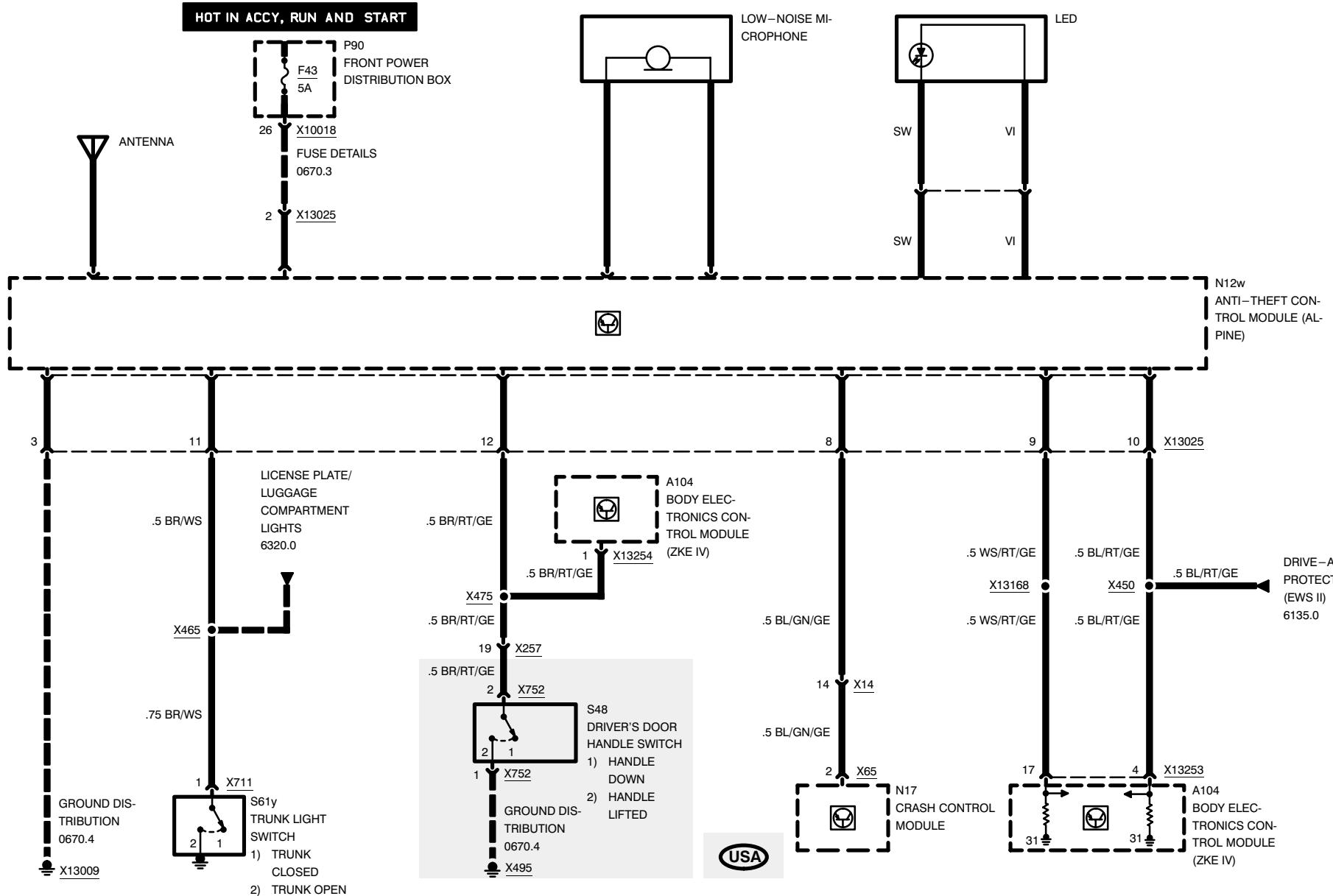


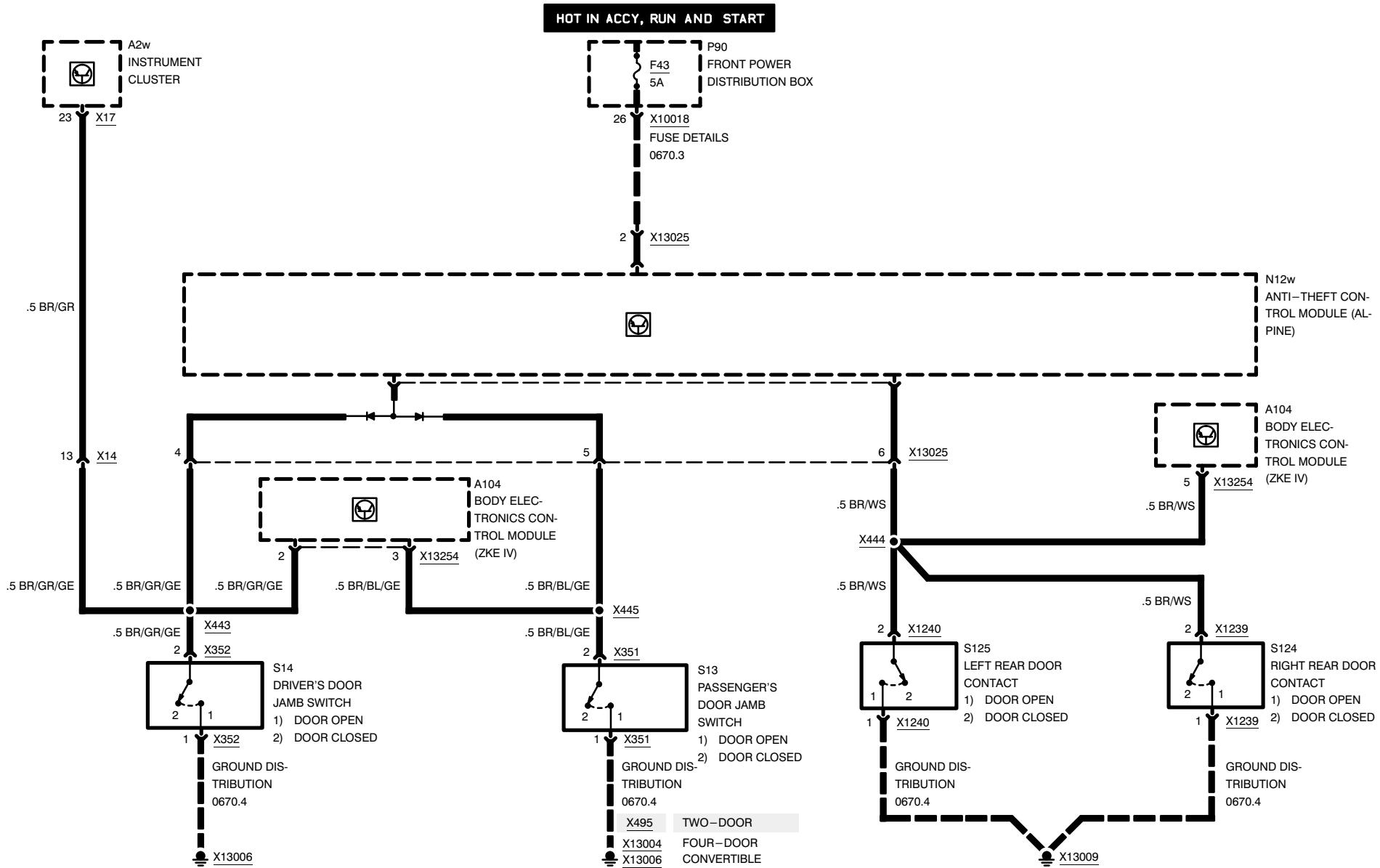
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03/98

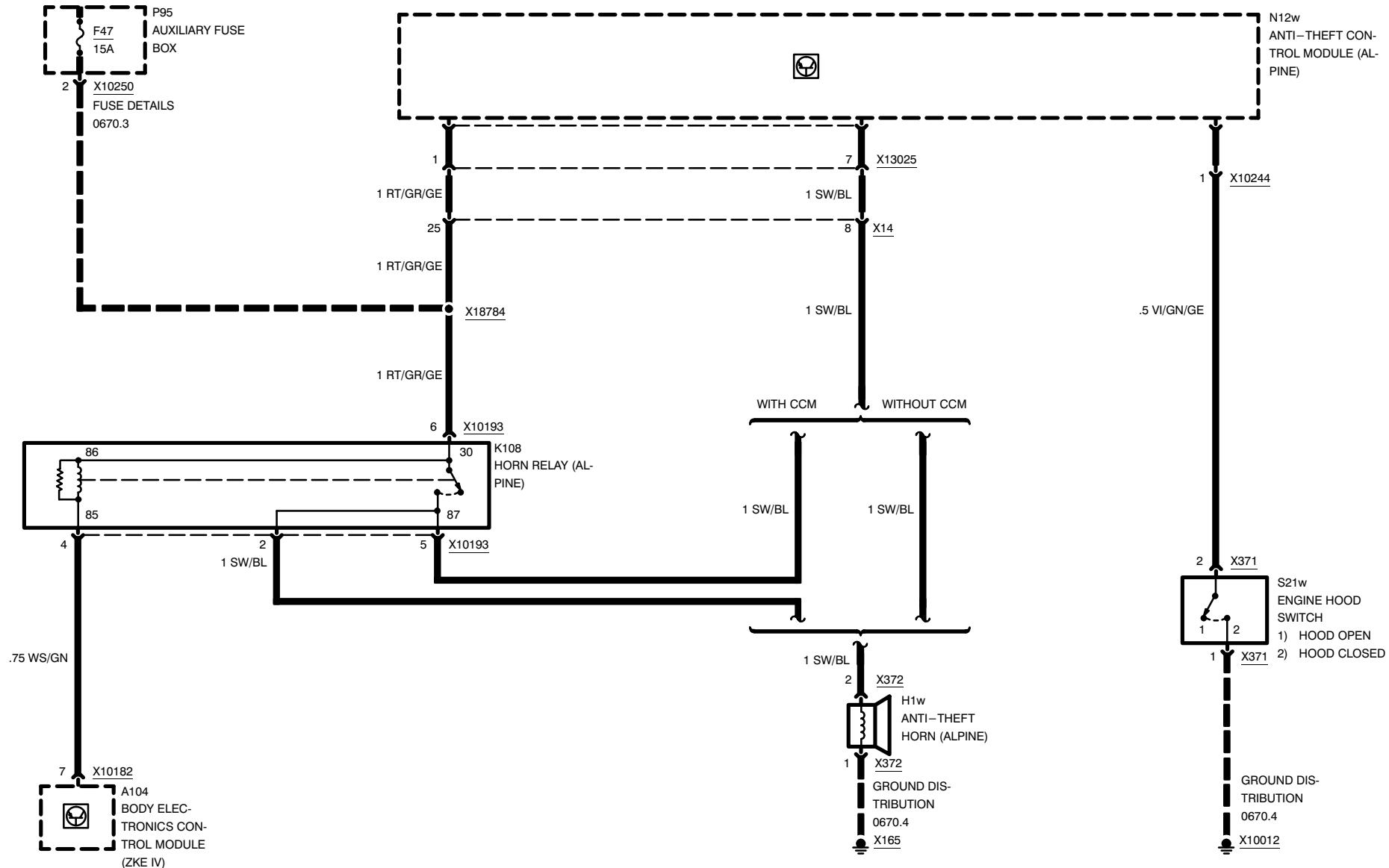
6575.2-00

1997





**HOT AT ALL TIMES**





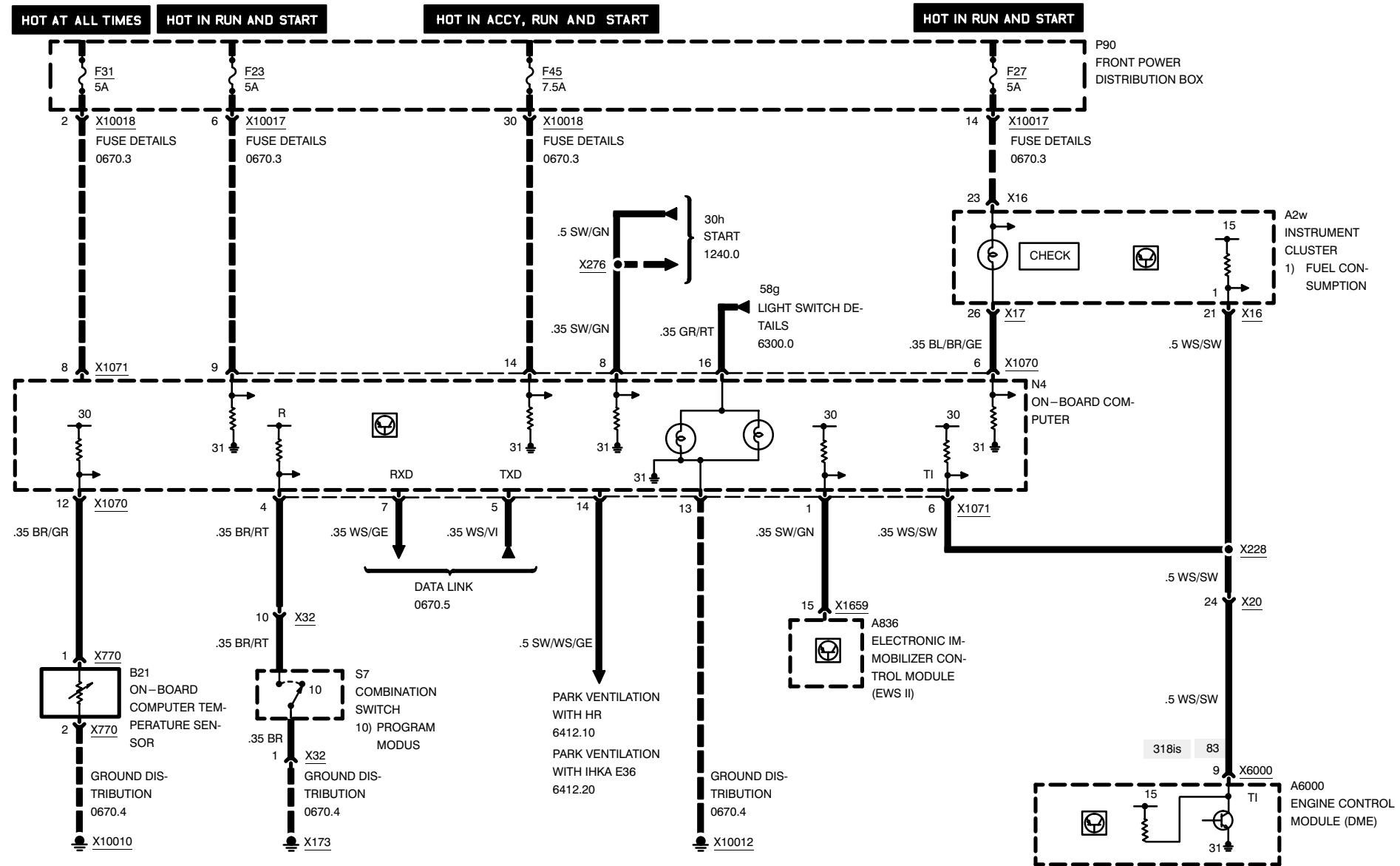
## ON-BOARD COMPUTER (BC V)

## POWER

00/00

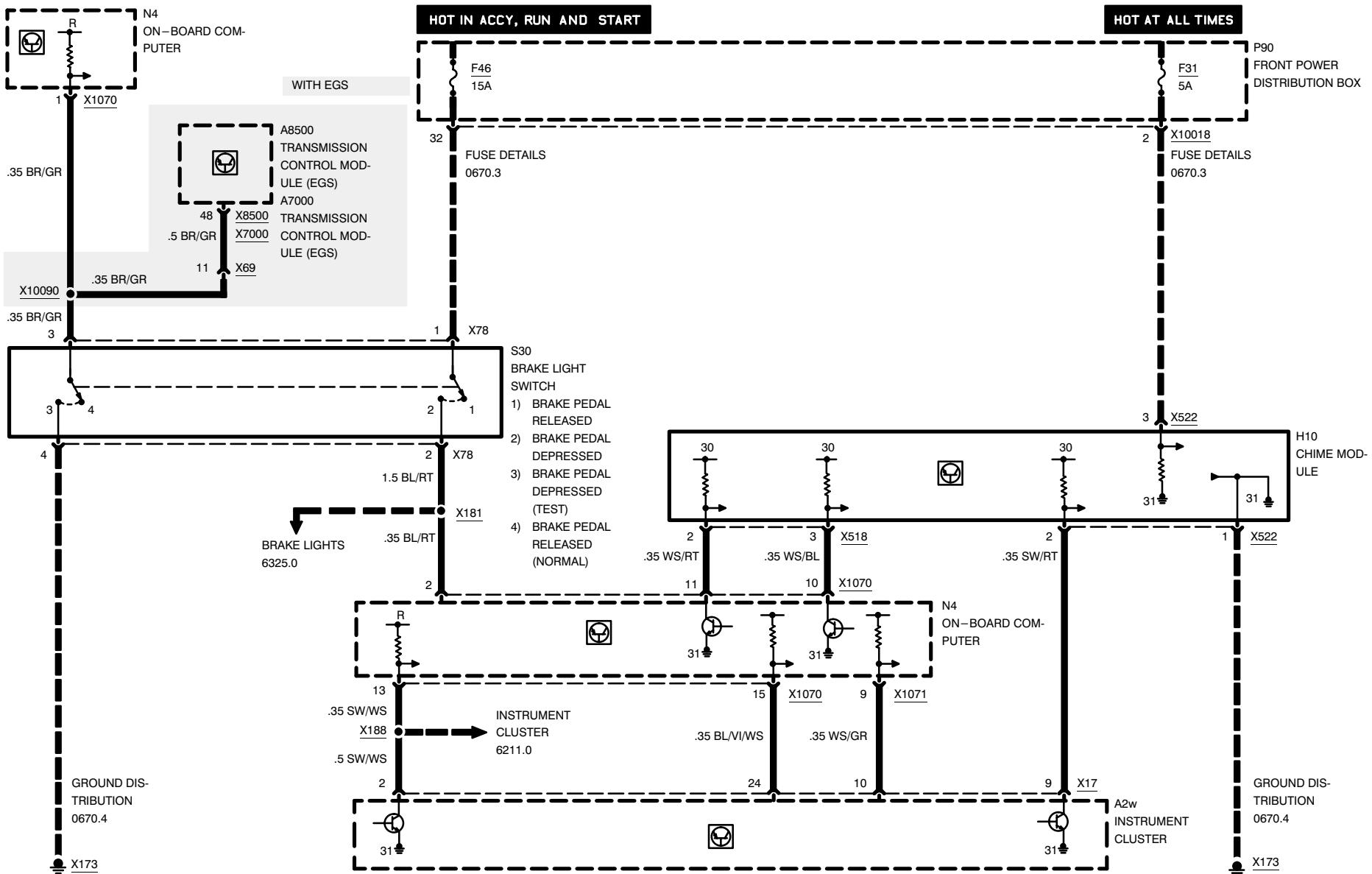
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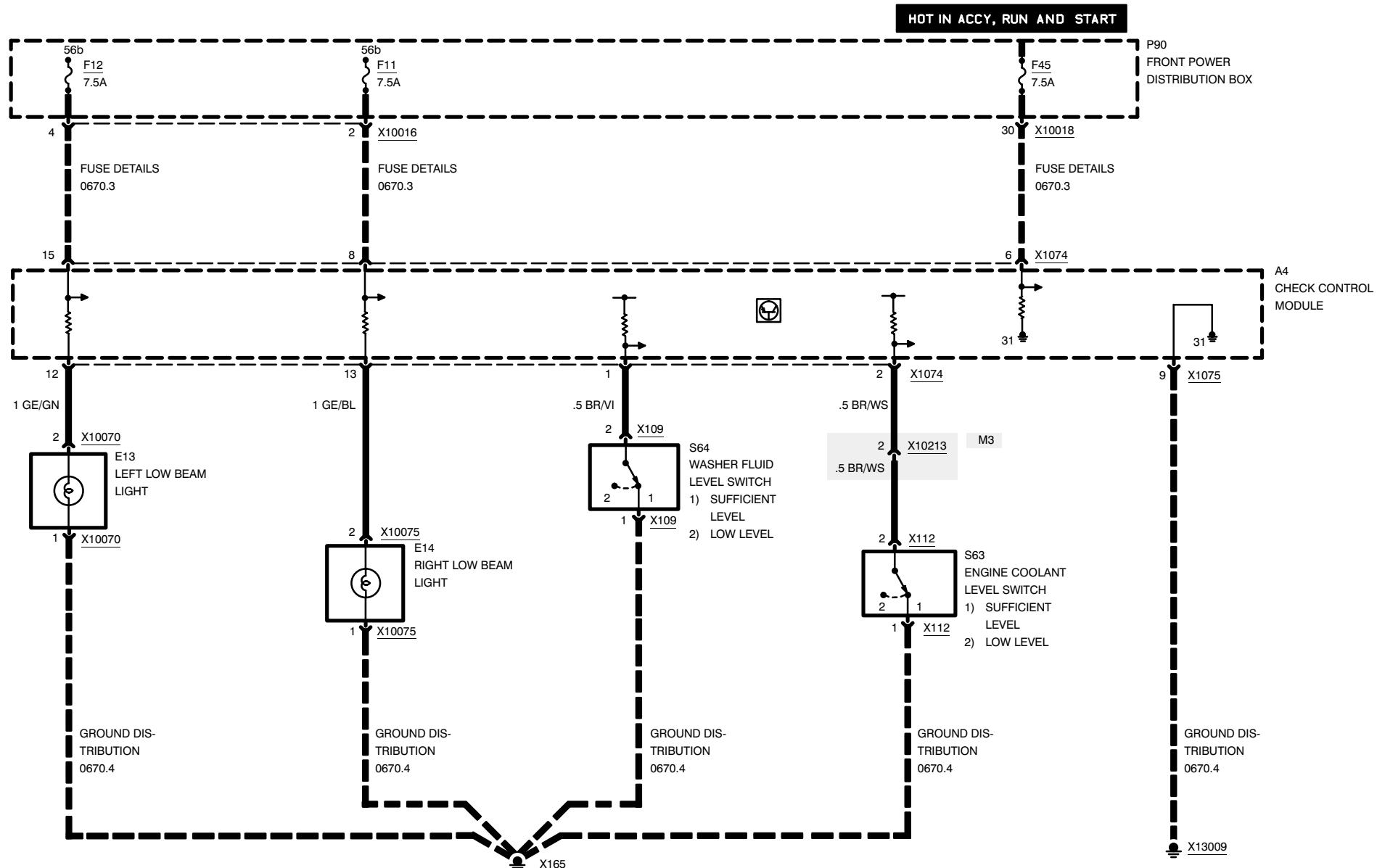
1661

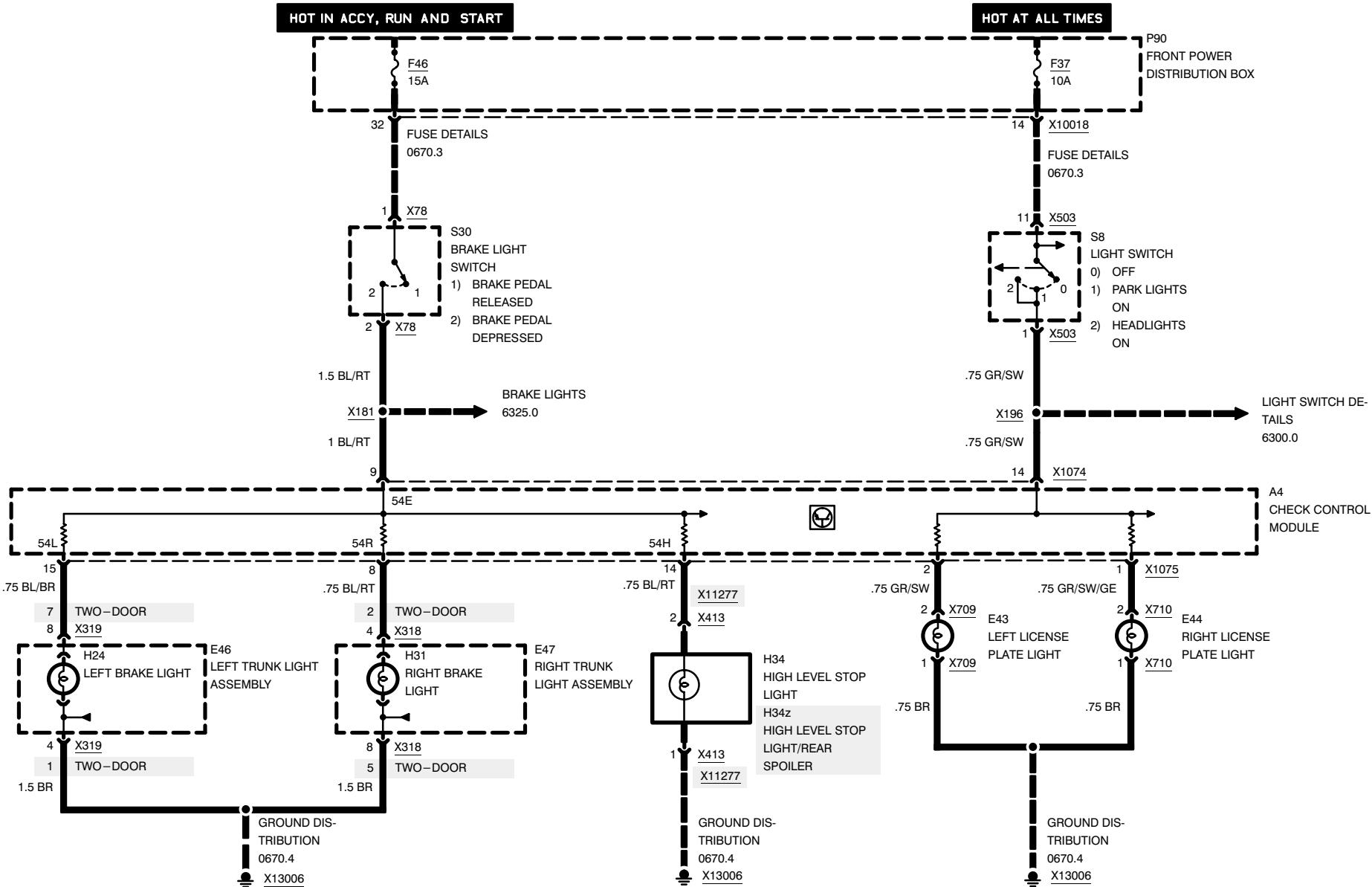


## ON-BOARD COMPUTER (BC V)

## CHIME, BRAKE LIGHT SWITCH







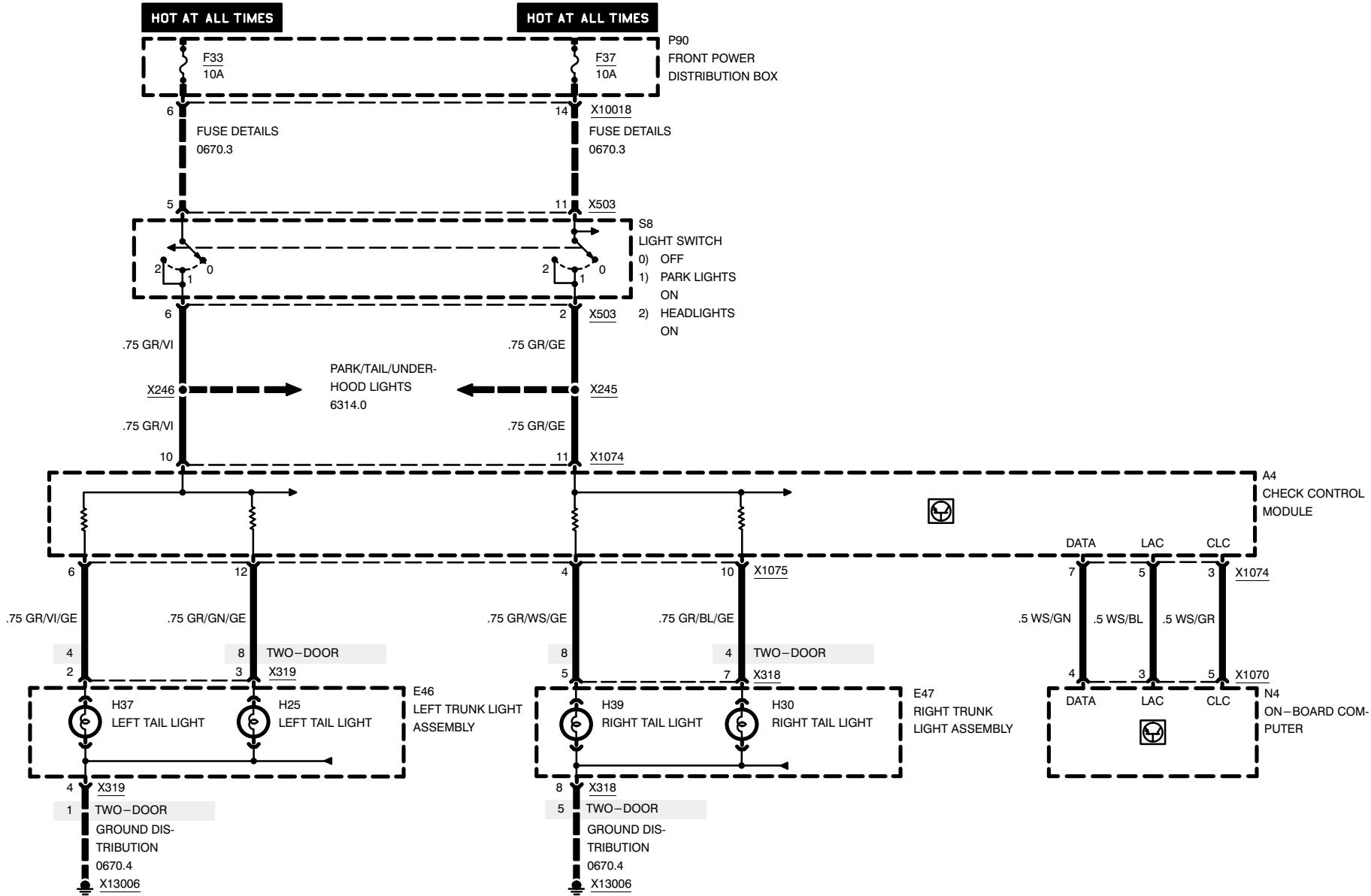


# ON-BOARD COMPUTER (BC V)

## CHECK CONTROL

03/98

6581.2-04



1997



## COMPONENT LOCATION CHART

80/38

7000.0-0

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
A2w ..	INSTRUMENT CLUSTER .....	LH side of dash .....	28-3
A4 ....	CHECK CONTROL MODULE .....	below LH side of dash .....	00-3
A5 ....	RELAY MODULE .....	behind glove box	
A8 ....	CRUISE CONTROL MODULE (TEMPOMAT)	RH side of dash behind glove box .....	01-2
A12 ...	SUPPLEMENTAL RESTRAINT SYSTEM CONTROL MODULE .....	below rear seat .....	00-2
A18 ...	HIFI AMPLIFIER .....	below RH side of rear seat Convertible .....	02-3
A18 ...	HIFI AMPLIFIER .....	in LH side of luggage compartment .....	04-1
A35 ...	ON-BOARD DISPLAY .....	center of dash center console	
A51 ...	WIPER/WASHER MODULE .....	behind glove box (glove box removed) .....	01-1
A52 ...	SLIP CONTROL MODULE (ABS/ASC) .....	behind glove box (glove box removed) .....	01-3
A56 ...	TILT/SLIDE SUNROOF CONTROL AS- SEMBLY .....	under roof center panel .....	04-2
A64 ...	WIPER/WASHER MODULE (LOW II) .....	behind glove box (glove box removed) .....	01-1
A96 ...	CONVERTIBLE TOP CONTROL MODULE ..	in lower LH C-pillar behind side panel .....	02-1
A104 ..	BODY ELECTRONICS CONTROL MODULE (ZKE IV) .....	behind glove box (glove box removed) .....	01-1
A113 ..	SEAT OCCUPANCY DETECTOR .....	under RH front seat	
A115 ..	AUTOMATIC CLIMATE CONTROL MODULE	behind center console .....	03-2
A202	ABS CONTROL MODULE/HYDRAULIC UNIT	rear LH side of engine compartment	
A835 ..	TRANSMITTER MODULE (EWS II) .....	RH side of steering column .....	04-3
A836 ..	ELECTRONIC IMMOBILIZER CONTROL MODULE (EWS II) .....	RH side of dash behind glove box .....	38-3

1997



## COMPONENT LOCATION CHART

8/38

7000.0-1

1997

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
A6000	ENGINE CONTROL MODULE (DME) .....	rear RH side of engine compartment .....	00-1
A7000	TRANSMISSION CONTROL MODULE (EGS)	rear RH side of engine compartment .....	00-1
A8500	TRANSMISSION CONTROL MODULE (EGS)	rear RH side of engine compartment .....	00-1
B1 ....	RIGHT FRONT SPEED SENSOR – ABS ...	on RH front wheel, above brake caliper .....	08-3
B2 ....	LEFT FRONT SPEED SENSOR – ABS .....	on LH front wheel, above brake caliper .....	08-3
B3 ....	RIGHT REAR SPEED SENSOR – ABS .....	on RH rear wheel, above brake caliper	
B4 ....	LEFT REAR SPEED SENSOR – ABS .....	on LH rear wheel, above brake caliper	
B6 ....	FUEL LEVEL SENSOR .....	below LH side of rear seat .....	21-2
B10 ..	VEHICLE SPEED SENSOR .....	under rear of car .....	08-1
B11 ..	LH HEAT EXCHANGER TEMPERATURE SENSOR .....	center console	
B12 ..	RH HEAT EXCHANGER TEMPERATURE SENSOR .....	center console	
B13 ..	OUTSIDE TEMPERATURE SENSOR .....	rear of engine compartment behind RH fresh air cowl .....	15-2
B14 ..	EVAPORATOR TEMPERATURE SENSOR ..	RH side of LH footwell LH side of IHKA Plenum .....	28-1
B16 ..	LEFT FRONT BRAKE PAD SENSOR .....	on LH front wheel, above brake caliper .....	08-3
B17 ..	RIGHT REAR BRAKE PAD SENSOR .....	behind RH rear wheel	
B18 ..	BRAKE FLUID LEVEL SWITCH .....	rear LH side of engine compartment near brake master cylinder top of brake fluid reservoir .....	18-3
B21 ..	ON-BOARD COMPUTER TEMPERATURE SENSOR .....	front RH side of engine compartment .....	20-1
B25y ..	FUEL TANK SENSOR II .....	top of fuel tank	
B72 ..	FUEL TANK PRESSURE SENSOR .....	RH rear wheel well behind trim panel .....	14-1



## COMPONENT LOCATION CHART

03/98

7000.0-2

1997

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
B78	DRIVER'S SIDE IMPACT SENSOR .....	LH B-pillar	
B79	PASSENGER'S SIDE IMPACT SENSOR ....	RH B-pillar	
B6203	CRANKSHAFT POSITION/RPM SENSOR ...	under RH front of car rear of radiator .....	10-3
B6204	CAMSHAFT POSITION SENSOR (CYLINDER IDENTIFICATION) .....	RH front of engine below intake manifold rear of radiator .....	12-2
B6205	INTAKE AIR TEMPERATURE SENSOR .....	front LH side of engine compartment (318is) .....	18-2
B6205	INTAKE AIR TEMPERATURE SENSOR .....	LH side of engine (near oil level stick) .....	36-3
B6207	HOT FILM AIR MASS METER .....	LH side of engine .....	12-1
B6209	HALL EFFECT CAMSHAFT SENSOR .....	front of engine (318is)	
B6217	HOT FILM AIR MASS METER .....	top front of engine .....	18-2
B6231	OIL PRESSURE SWITCH .....	RH front of engine below intake manifold .....	11-1
B6231	OIL PRESSURE SWITCH .....	RH front of engine below intake manifold (318is) .....	17-1
B6232	ENGINE COOLANT TEMPERATURE SEN- SOR .....	RH front of engine below intake manifold .....	11-3
B6232	ENGINE COOLANT TEMPERATURE SEN- SOR .....	RH front of engine below intake manifold (318is) .....	17-2
B6233	AIR FLOW SENSOR .....	LH side of engine compartment right of LH side shock tower	
B6236	ENGINE COOLANT TEMPERATURE SEN- SOR .....	front of engine .....	11-3
B6238	OIL TEMPERATURE SENSOR .....	LH side of engine	
B6240	KNOCK SENSOR .....	top front of engine .....	11-2
B6256	DUAL TEMPERATURE SENSOR (COOLANT TEMPERATURE) .....	RH front of engine below intake manifold .....	11-1
B9508	PRESSURE SWITCH .....	front RH side of engine compartment near RH headlight assembly .....	09-3



## COMPONENT LOCATION CHART

03/98

7000.0-3

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
B62001	OXYGEN SENSOR (IN FRONT OF CATALYTIC CONVERTER) .....	on catalytic converter .....	37-1
B62002	OXYGEN SENSOR (BEHIND CATALYTIC CONVERTER) .....	on catalytic converter .....	37-2
B62101	OXYGEN SENSOR I (IN FRONT OF CATALYTIC CONVERTER) .....	on catalytic converter .....	38-2
B62102	OXYGEN SENSOR I (BEHIND CATALYTIC CONVERTER) .....	on catalytic converter	
B62201	OXYGEN SENSOR II (IN FRONT OF CATALYTIC CONVERTER) .....	on catalytic converter .....	38-2
B62202	OXYGEN SENSOR II (BEHIND CATALYTIC CONVERTER) .....	on catalytic converter	
C101 .	CONTACT RING .....	top of steering column .....	24-2
C900 .	SUPPRESSION FILTER .....	in upper RH C-pillar .....	33-2
D100 .	DATA LINK CONNECTOR .....	rear RH side of engine compartment .....	05-1
E10 .	REAR DEFOGGER/ANTENNA .....	in rear window	
E11 .	LEFT HIGH BEAM LIGHT .....	near LH headlight assembly	
E12 .	RIGHT HIGH BEAM LIGHT .....	near RH headlight assembly	
E13 .	LEFT LOW BEAM LIGHT .....	near LH headlight assembly	
E14 .	RIGHT LOW BEAM LIGHT .....	near RH headlight assembly	
E15 .	LEFT PARK LIGHT .....	front of vehicle	
E19 .	RIGHT PARK LIGHT .....	front of vehicle	
E25 .	FRONT ASHTRAY LIGHT .....	center console .....	31-2
E26 .	LEFT FOG LIGHT .....	under LH front bumper .....	08-2

1997



## COMPONENT LOCATION CHART

03/98

7000.0-4

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
E27 ...	RIGHT FOG LIGHT .....	under RH front bumper .....	08-2
E28 ...	FRONT CIGAR LIGHTER .....	near gearshift lever	
E28y ...	REAR ASHTRAY LIGHT .....	below center console .....	31-2
E29 ...	FRONT CIGAR LIGHTER LIGHT .....	center console	
E32 ...	TRUNK COMPARTMENT LIGHT .....	in luggage compartment	
E34 ...	FRONT DOME LIGHT/MAP READING ASSEMBLY .....	under roof center panel .....	04-2
E35 ...	DRIVER'S MAKE-UP MIRROR LIGHT .....	above LH sun visor .....	38-1
E36 ...	PASSENGER'S MAKE-UP MIRROR LIGHT	above RH sun visor .....	23-1
E39 ...	LEFT REAR INTERIOR LIGHT .....	in upper LH C-pillar .....	33-1
E40 ...	RIGHT REAR INTERIOR LIGHT .....	in upper RH C-pillar .....	33-2
E42 ...	GLOVE BOX LIGHT .....	LH side of glove box .....	25-1
E43 ...	LEFT LICENSE PLATE LIGHT .....	underside of trunk lid, near license plate .....	09-1
E44 ...	RIGHT LICENSE PLATE LIGHT .....	underside of trunk lid, near license plate .....	09-1
E45y ...	CASSETTE BOX LIGHT .....	center of dash	
E46 ...	LEFT TRUNK LIGHT ASSEMBLY .....	in LH rear side of luggage compartment	
E47 ...	RIGHT TRUNK LIGHT ASSEMBLY .....	in RH rear side of luggage compartment .....	03-3
E48	DOOR LOCK HEATER .....	LH front door	
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 upper LH front seatback .....	23-3
E57 ...	DRIVER'S SEAT HEATER .....	under LH front seat .....	23-3

1997



## COMPONENT LOCATION CHART

03/98

7000.0-5

COMP.	DESCRIPTION	LOCATION	
E58 ...	PASSENGER'S SEAT HEATER .....	underside of RH front seat	7100.0 8500.0
E59 ...	PASSENGER'S SEATBACK HEATER .....	in upper RH front seatback	
E82 ...	TRANSMISSION POSITION INDICATOR LIGHT .....	center console	
E99 ...	HARD TOP CONNECTOR 1 .....	in convertible top compartment	
E100y	HARD TOP CONNECTOR 2 .....	in convertible top compartment	
E101 .	LEFT TRUNK COMPARTMENT LIGHT .....	in LH rear side of luggage compartment Convertible	
E102 .	RIGHT TRUNK COMPARTMENT LIGHT ....	in RH rear side of luggage compartment Convertible	
F97 ...	FUSIBLE LINK .....	in RH side of luggage compartment	
G1 ...	BATTERY .....	rear RH side of engine compartment (318is)	
G1	BATTERY .....	in RH rear side of luggage compartment	
G5 ...	DRIVER'S AIR BAG GAS GENERATOR .....	behind steering wheel .....	24-2
G6 ...	PASSENGER'S AIR BAG GAS GENERATOR	RH side of dash .....	27-2
G12	DRIVER'S SIDE PYROTECHNICAL BELT TENSIONER .....	driver's seat right	
G13	PASSENGER'S SIDE PYROTECHNICAL BELT TENSIONER .....	passenger's seat left	
G6430	B+ JUMP START JUNCTION POINT .....	rear RH side of engine compartment back of RH side shock tower .....	05-1
G6509	GENERATOR .....	front LH side of engine compartment .....	05-2
H1w ...	ANTI-THEFT HORN (ALPINE) .....	front RH side of engine compartment	
H2 ...	LEFT HORN .....	front of engine compartment	
H3 ...	RIGHT HORN .....	front of engine compartment	
H4 ...	RIGHT FRONT TURN LIGHT .....	front of vehicle	

1997



## COMPONENT LOCATION CHART

03/98

7000.0-6

1997

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
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 vehicle	
H8	RIGHT FRONT AUXILIARY TURN LIGHT ...	front of vehicle	
H9	LEFT FRONT AUXILIARY TURN LIGHT .....	front of vehicle	
H10	CHIME MODULE .....	below LH side of dash	
H24	LEFT BRAKE LIGHT .....	LH side of body rear end	
H25	LEFT TAIL LIGHT .....	LH side of body rear end	
H26	LEFT REAR FOG LIGHT .....	LEFT TRUNK LIGHT ASSEMBLY	
H27	LEFT BACK UP LIGHT .....	LEFT TRUNK LIGHT ASSEMBLY	
H28	RIGHT BACK UP LIGHT .....	LEFT TRUNK LIGHT ASSEMBLY	
H30	RIGHT TAIL LIGHT .....	RIGHT TRUNK LIGHT ASSEMBLY	
H31	RIGHT BRAKE LIGHT .....	RIGHT TRUNK LIGHT ASSEMBLY	
H34	HIGH LEVEL STOP LIGHT .....	at back of rear window shelf	
H34z	HIGH LEVEL STOP LIGHT/REAR SPOILER .	in rear spoiler	
H37	LEFT TAIL LIGHT .....	RIGHT TRUNK LIGHT ASSEMBLY	
H42	LEFT MID-HIGH RANGE SPEAKER .....	in upper LH front door	
H43	RIGHT MID-HIGH RANGE SPEAKER .....	in upper RH front door	
H45	RIGHT REAR SPEAKER .....	under rear window shelf	
H46	LEFT REAR SPEAKER .....	under rear window shelf	
H50	RIGHT FRONT HIGH RANGE SPEAKER ...	in upper RH front door	
H51	RIGHT FRONT LOW RANGE SPEAKER ....	in lower RH A-pillar	



## COMPONENT LOCATION CHART

86/30

7000.0-7

1997

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 .....	in lower LH A-pillar	
H59 ..	LEFT FRONT HIGH RANGE SPEAKER .....	in upper LH front door	
K2 ....	HORN RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	19-2
K4 ....	BLOWER RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	19-2
K9 ....	UNLOADER RELAY, TERMINAL 15 .....	behind LH footwell trim .....	25-3
K10 ...	ABS RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	19-1
K13 ...	REAR DEFOGGER RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	19-1
K16 ...	HAZARD FLASHER RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	19-2
K19 ...	COMPRESSOR CONTROL RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	19-1
K21 ...	NORMAL SPEED RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	19-3
K22 ...	HIGH SPEED RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	19-3
K46 ...	HIGH BEAM LIGHT RELAY .....	LH side of dash behind instrument cluster .....	02-2
K46z	DAY LIGHT RELAY MODULE .....	below LH side of dash .....	02-2
K47 ...	FRONT FOG LIGHT RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	19-2
K48 ...	LOW BEAM LIGHT RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	19-2
K75 ...	ABS PUMP MOTOR RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	19-1



## COMPONENT LOCATION CHART

03/98

7000.0-8

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
K99 ...	REAR WINDOW BLOWER RELAY .....	behind glove box left .....	25-2
K108 .	HORN RELAY (ALPINE) .....	behind glove box left .....	01-2
K117 .	TRUNK LID RELAY .....	behind glove box right	
K125 .	ABS PUMP MOTOR RELAY, TIMED .....	rear LH side of engine compartment in Power Distribution Box (318is) .....	19-3
K450	PARK VENTILATION RELAY .....	below LH side of dash .....	02-2
K6300	ENGINE CONTROL MODULE RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	19-1
K6300	ENGINE CONTROL MODULE RELAY .....	rear LH side of engine compartment in Power Distribution Box (M3) .....	19-3
K6301	CYL. 1-6 FUEL PUMP RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	19-3
K6301w	FUEL PUMP RELAY .....	rear LH side of engine compartment in Front Power Distribution Box .....	19-1
K6304	SECONDARY AIR PUMP RELAY .....	rear LH side of engine compartment in Power Distribution Box (M3) .....	19-3
M2 ...	FUEL PUMP .....	below RH side of rear seat .....	20-2
M3 ...	WIPER MOTOR .....	rear of engine compartment below center of cowl .....	16-1
M4 ...	WASHER PUMP .....	front RH side of engine compartment on washer fluid reservoir .....	10-1
M7 ...	HEADLIGHT/FOG LIGHT WASHER PUMP ..	front RH side of engine compartment on washer fluid reservoir .....	10-2
M9 ...	AUXILIARY FAN MOTOR .....	behind front grille behind trim panel .....	18-1
M12 ..	DRIVER'S DOOR LOCK MOTOR .....	in upper LH front door behind trim panel	
M13 ..	PASSENGER'S DOOR LOCK MOTOR .....	in upper RH front door behind trim panel	
M14 ..	RIGHT REAR DOOR LOCK MOTOR .....	in upper RH rear door behind trim panel	
M15 ..	LEFT REAR DOOR LOCK MOTOR .....	in upper LH rear door behind trim panel	
M16 ..	GAS FILLER LOCK MOTOR .....	in RH rear side of luggage compartment .....	03-3
M17 ..	TRUNK LOCK MOTOR .....	rear side of luggage compartment	
M20 ..	LEFT REAR WINDOW MOTOR .....	in lower LH rear door behind trim panel	

1997



## COMPONENT LOCATION CHART

03/98

7000.0-9

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
M21 ..	DRIVER'S WINDOW MOTOR .....	LH front door behind door panel .....	31-3
M22 ..	RIGHT REAR WINDOW MOTOR .....	in lower RH rear door behind door panel	
M23 ..	PASSENGER'S WINDOW MOTOR .....	RH front door behind door panel .....	32-1
M25 ..	CRUISE CONTROL ACTUATOR (TEMPO-MAT) .....	front LH side of engine compartment .....	18-2
M30 ..	BLOWER MOTOR .....	rear of engine compartment behind RH fresh air cowl .....	15-2
M35 ..	DEFROSTER FLAP MOTOR .....	RH side of IHKA Plenum .....	29-2
M36 ..	FRESH AIR FLAP MOTOR .....	below LH side of dash RH side of steering column .....	29-3
M40 ..	RECIRCULATION FLAP MOTOR .....	below LH side of dash RH side of steering column .....	29-2
M43 ..	CONVERTIBLE TOP STORAGE LID LOCK MOTOR .....	in convertible top compartment left .....	22-1
M44 ..	REGULATION FLAP MOTOR .....	RH side of IHKA Plenum	
M46 ..	REAR RECIRCULATION FLAP MOTOR .....	RH side of IHKA Plenum	
M50 ..	DRIVER'S SEAT CUSHION TILT MOTOR .....	under LH front seat .....	23-3
M51 ..	DRIVER'S SEAT MOVEMENT MOTOR .....	under LH front seat .....	23-3
M52 ..	DRIVER'S SEAT HEIGHT MOTOR .....	under LH front seat .....	23-3
M53 ..	DRIVER'S SEATBACK RECLINER MOTOR .....	under LH front seat .....	23-3
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	

1997



## COMPONENT LOCATION CHART

03/98

7000.0-10

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
M93 ..	AUXILIARY THROTTLE POSITION MOTOR (ADS) .....	front of engine compartment	
M98 ..	LEFT REAR WINDOW MOTOR .....	left from LH rear seat behind trim panel .....	22-2
M99 ..	RIGHT REAR WINDOW MOTOR .....	RH side of RH rear seat behind trim panel .....	22-2
M100 ..	CONVERTIBLE TOP STORAGE LID MOTOR	in LH side of luggage compartment .....	34-1
M101 ..	CONVERTIBLE TOP MOTOR .....	in LH side of luggage compartment .....	34-3
M105 ..	REAR WINDOW BLOWER .....	behind rear seats .....	21-3
M107 ..	GLOVE BOX LOCK MOTOR .....	RH side of dash behind glove box	
M132 ..	WINDSCREEN COWL PANEL LOCK MO- TOR .....	front cover .....	35-1
M6510	STARTER .....	rear LH side of engine compartment	
N2 ..	FINAL STAGE UNIT .....	behind LH side of dash	
N3 ..	DIMMER .....	LH side of dash .....	26-1
N4 ..	ON-BOARD COMPUTER .....	center console .....	03-1
N5 ..	ANALOG CLOCK .....	center console	
N8 ..	ANTENNA AMPLIFIER AM/FM .....	in upper LH C-pillar .....	33-1
N10 ..	MULTI-FUNCTION CLOCK .....	center console	
N12w ..	ANTI-THEFT CONTROL MODULE (AL- PINE) .....	behind glove box (glove box removed) .....	01-3
N17 ..	CRASH CONTROL MODULE .....	LH side of dash behind instrument cluster .....	02-2
N22 ..	CD CHANGER .....	in LH forward side of luggage compartment	
N24 ..	ROLLOVER SENSOR .....	in lower LH C-pillar behind side panel .....	02-3
P90 ...	FRONT POWER DISTRIBUTION BOX .....	rear LH side of engine compartment .....	05-3

1997



## COMPONENT LOCATION CHART

03/98

7000.0-11

COMP. DESCRIPTION	LOCATION	7100.0 8500.0
P95 ... AUXILIARY FUSE BOX .....	footwell, driver's side	
P96 ... AUXILIARY FUSE BOX IN LUGGAGE COMPARTMENT .....	in RH side of luggage compartment behind trim panel	
P97 ... AUXILIARY FUSE BOX .....	LH side of dash behind instrument cluster .....	02-2
R11 ... BLOWER RESISTORS .....	behind center of dashboard left .....	29-1
R6252 THROTTLE POSITION SENSOR .....	LH side of engine (near oil level stick) .....	13-3
R6252 THROTTLE POSITION SENSOR .....	LH side of engine compartment (318is) .....	17-3
R8554 RESISTOR .....	front of engine compartment	
S2 ... IGNITION SWITCH .....	LH side of dash .....	24-3
S3 ... AUTOMATIC TRANSMISSION RANGE SWITCH .....	center console near gearshift lever .....	30-3
S4 ... HORN SWITCH .....	top of steering column .....	24-2
S5 ... WIPER/WASHER SWITCH .....	LH side of dash RH side of steering column above	
S6 ... ASC SWITCH .....	center console .....	30-2
S7 ... COMBINATION SWITCH .....	LH side of steering column .....	24-3
S8 ... LIGHT SWITCH .....	LH side of dash .....	26-1
S10 ... FOG LIGHT SWITCH .....	LH side of dash	
S13 ... PASSENGER'S DOOR JAMB SWITCH .....	in upper RH B-pillar .....	33-3
S14 ... DRIVER'S DOOR JAMB SWITCH .....	in upper LH B-pillar .....	33-3
S17 ... MIRROR CONTROL SWITCH .....	in upper LH front door	
S18 ... HAZARD SWITCH .....	center console near gearshift lever .....	30-3
S21w . ENGINE HOOD SWITCH .....	front RH side of engine compartment on washer fluid reservoir .....	10-2

1997



## COMPONENT LOCATION CHART

03/98

7000.0-12

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
S28 ...	CRUISE CONTROL SWITCH .....	on steering column .....	24-3
S29 ...	BRAKE LIGHT SWITCH .....	LH footwell on brake pedal support bracket behind LH footwell trim .....	26-3
S30 ...	BRAKE LIGHT SWITCH .....	LH footwell on brake pedal support bracket behind LH footwell trim .....	26-2
S31 ...	PARK BRAKE SWITCH .....	center console on rear of park brake lever .....	31-2
S32 ...	CLUTCH SWITCH .....	LH footwell on clutch pedal support bracket behind LH footwell trim .....	26-3
S36 ...	TEMPERATURE SWITCH .....	front RH side of engine compartment near RH headlight assembly .....	09-3
S36y	DOUBLE TEMPERATURE SWITCH .....	RH top of radiator	
S38 ...	TILT/SLIDE SUNROOF SWITCH (SHD) .....	roof	
S40y .	CENTRAL POWER WINDOW SWITCH .....	center console	
S41y .	LH REAR DOOR POWER WINDOW SWITCH (DOOR) .....	in lower LH rear door behind trim panel	
S42y .	RH REAR DOOR POWER WINDOW SWITCH (DOOR) .....	in lower RH rear door behind trim panel	
S53 ...	DRIVER'S SEAT, SEAT HEATER SWITCH ...	center console near gearshift lever .....	30-2
S54 ...	PASSENGER'S SEAT, SEAT HEATER SWITCH .....	center console near gearshift lever .....	30-1
S58 ...	DRIVER'S SEAT BELT SWITCH .....	in LH front seat belt buckle	
S59 ...	PASSENGER'S SEAT BELT SWITCH .....	in RH front seat belt buckle	
S61y .	TRUNK LIGHT SWITCH .....	underside of trunk lid left .....	34-2
S63 ...	ENGINE COOLANT LEVEL SWITCH .....	front RH side of engine compartment .....	18-1
S64 ...	WASHER FLUID LEVEL SWITCH .....	front RH side of engine compartment on washer fluid reservoir .....	10-1
S75 ...	BLOWER SWITCH .....	center of dash	
S77 ...	DRIVER'S MAKE-UP MIRROR SWITCH ...	above LH sun visor .....	38-1

1997



## COMPONENT LOCATION CHART

03/98

7000.0-13

1997

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
S78 .	PASSENGER'S MAKE-UP MIRROR SWITCH .....	above RH sun visor .....	23-1
S123 .	ABS PEDAL TRAVEL SENSOR .....	near brake master cylinder (M3) .....	18-3
S124 .	RIGHT REAR DOOR CONTACT .....	rear RH door pillar	
S125 .	LEFT REAR DOOR CONTACT .....	LH rear door jamb	
S126y	DRIVER'S POWER WINDOW SWITCH .....	center console near gearshift lever .....	31-1
S127y	PASSENGER'S POWER WINDOW SWITCH	center console near gearshift lever .....	31-1
S128y	LH REAR DOOR (CONSOLE) POWER WINDOW SWITCH .....	center console	
S128z	LH REAR POWER WINDOW SWITCH .....	center console	
S129y	RH REAR DOOR (CONSOLE) POWER WINDOW SWITCH .....	center console	
S129z	RH REAR POWER WINDOW SWITCH .....	center console	
S130 .	CHILD PROTECTION CONTROL (CONSOLE) .....	center console	
S143 .	CONVERTIBLE TOP ACTUATING SWITCH .....	center console	
S164 .	CONVERTIBLE TOP END-POSITION MICRO SWITCH .....	at convertible top linkage	
S165 .	CONVERTIBLE TOP POSITION MICRO SWITCH .....	at convertible top linkage	
S196 .	REAR WINDOW BLOWER MICRO SWITCH .....	behind rear seats .....	35-2
S198	JET HEATER THERMOSWITCH .....	front LH side of engine compartment .....	37-3
S213 .	TRUNK LID MICRO SWITCH .....	underside of trunk lid	



## COMPONENT LOCATION CHART

03/98

7000.0-14

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
S214 .	CONVERTIBLE TOP STORAGE LID MICRO SWITCH .....	at convertible top linkage	
S231 .	WINDSCREEN COWL PANEL LOCK MICRO-SWITCH .....	front cover .....	35-1
S235	STARTER IMMOBILIZATION SWITCH .....	LH footwell .....	39-2
S303 .	SWITCH SPATIAL SOUND .....	center console	
S8503	PROGRAM SWITCH .....	center console	
S8507	KICK-DOWN SWITCH .....	LH footwell	
S8511	REVERSING LIGHT SWITCH .....	under front of car LH side of transmission	
T6151	CYL. 1 IGNITION COIL .....	top RH side of engine .....	13-1
T6151	CYL. 1 IGNITION COIL .....	RH side of engine compartment (318is) .....	17-3
T6152	CYL. 2 IGNITION COIL .....	top RH side of engine .....	13-1
T6152	CYL. 2 IGNITION COIL .....	RH side of engine compartment (318is) .....	17-3
T6153	CYL. 3 IGNITION COIL .....	top RH side of engine .....	13-1
T6153	CYL. 3 IGNITION COIL .....	RH side of engine compartment (318is) .....	17-3
T6154	CYL. 4 IGNITION COIL .....	top RH side of engine .....	13-1
T6154	CYL. 4 IGNITION COIL .....	RH side of engine compartment (318is) .....	17-3
T6155	CYL. 5 IGNITION COIL .....	top RH side of engine .....	13-1
T6156	CYL. 6 IGNITION COIL .....	top RH side of engine .....	13-1
V7 ....	ASC DIODE .....	top LH side of engine compartment in Front Power Distribution Box	
X0 ....	B+ JUNCTION POINT .....	rear LH side of engine compartment .....	05-3
X2 ....	BATTERY B+ START POINT .....	rear LH side of engine compartment .....	05-3

1997



## COMPONENT LOCATION CHART

03/98

7000.0-15

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X9	B+ JUNCTION POINT .....	rear LH side of engine compartment .....	05-3	
X13	(30 PINS, BLACK) .....	behind LH footwell kickpanel .....	39-1	00-4
X14	(30 PINS, WHITE) .....	behind LH footwell kickpanel .....	39-1	00-4
X16	(26 PINS, WHITE) .....	LH side of dash rear of INSTRUMENT CLUSTER, A2w .....	28-3	00-2
X17	(26 PINS, BLUE) .....	LH side of dash rear of INSTRUMENT CLUSTER, A2w .....	28-3	00-2
X20	(25 PINS, BLACK) .....	rear LH side of engine compartment .....	18-3	05-2
X22	(26 PINS, BLUE) .....	RH side of dash behind glove box .....	01-2	00-2
X32	(12 PINS, WHITE) .....	LH footwell underside of steering column .....	27-3	04-6
X33	(12 PINS, BLACK) .....	LH footwell underside of steering column behind LH footwell trim .....	27-3	04-6
X35	(12 PINS, NATURAL) .....	below LH side of dash RH side of steering column .....	27-3	04-6
X44	(9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....	03-6	
X45	(9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....	03-6	
X51	(9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....	03-6	
X52	(9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....	03-6	
X53	(9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....	03-6	
X54	(9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....	03-6	
X56	(9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....	03-6	
X58	(9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....	03-6	
X63	(9 PINS, BLACK) .....	behind LH footwell speaker grille .....	03-6	
X64	(9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....	03-6	
X65	(9 PINS, BLACK) .....	below LH side of dash .....	03-6	
X69	(25 PINS, GRAY) .....	rear LH side of engine compartment .....	18-3	05-2

1997



## COMPONENT LOCATION CHART

03/98

7000.0-16

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X70 . . .	(8 PINS, BLACK) . . . . .	front LH side of engine compartment . . . . .	18-2	02-2
X72 . . .	(6 PINS, BLACK) . . . . .	footwell, driver's side . . . . .	27-3	04-2
X74 . . .	(50 PINS, BLACK) . . . . .	below rear seat . . . . .	00-2	02-5
X78 . . .	(4 PINS, BLACK) . . . . .	LH footwell on brake pedal support bracket behind LH footwell trim . . . . .	26-2	03-3
X82 . . .	(3 PINS, BLACK) . . . . .	front of engine compartment on auxiliary fan . . . . .	18-1	08-1
X85 . . .	(3 PINS, BLACK) . . . . .	rear LH side of engine compartment . . . . .	16-2	06-3
X87 . . .	(3 PINS, BLACK) . . . . .	front RH side of engine compartment RH top of radiator . . . . .	09-3	06-3
X105 . . .	(2 PINS, GRAY) . . . . .	on underside of engine hood		
X106 . . .	(2 PINS, GRAY) . . . . .	on underside of engine hood		
X107 . . .	(2 PINS, GRAY) . . . . .	front RH side of engine compartment on washer fluid reservoir . . . . .	10-1	
X109 . . .	(2 PINS, BLACK) . . . . .	front RH side of engine compartment on washer fluid reservoir . . . . .	10-1	
X111 . . .	(2 PINS, BLACK) . . . . .	rear LH side of engine compartment near brake master cylinder top of brake fluid reservoir . . . . .	18-3	
X112 . . .	(2 PINS, BLACK) . . . . .	front RH side of engine compartment . . . . .	18-1	
X113 . . .	(2 PINS, GRAY) . . . . .	wheel well right . . . . .	09-2	
X114 . . .	(2 PINS, GRAY) . . . . .	wheel well left . . . . .	09-2	
X116 . . .	(2 PINS, BLACK) . . . . .	LH footwell near brake pedal . . . . .	26-3	
X118 . . .	(2 PINS, BLACK) . . . . .	wheel well left . . . . .	09-2	
X121 . . .	(2 PINS, WHITE) . . . . .	LH footwell on clutch pedal . . . . .	26-3	
X123 . . .	(2 PINS, GRAY) . . . . .	front RH side of engine compartment on washer fluid reservoir . . . . .	10-2	
X128 . . .	(2 PINS, BLACK) . . . . .	front RH side of engine compartment		
X132 . . .	(2 PINS, BLACK) . . . . .	front of engine compartment		

1997



## COMPONENT LOCATION CHART

00/08

7000.0-17

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X133 . (2 PINS, BLACK) .....	front of engine compartment		
X137 . (2 PINS, BLACK) .....	front LH side of engine compartment		
X142 . (3 PINS, GRAY) .....	under rear of car LH side of on differential .....	02-1	
X143 . (3 PINS, GRAY) .....	under rear of car near differential .....	08-1	02-1
X163 . (3 PINS, BLACK) .....	front RH side of engine compartment on washer fluid reservoir .....	10-1	06-3
X165 . GROUND .....	front LH side of engine compartment .....	06-3	
X168 . (1 PIN, BLACK) .....	LH side of steering column		
X173 . GROUND .....	below LH side of dash .....	07-1	
X209 . (12 PINS, BLACK) .....	LH footwell underside of steering column		
X256 . (26 PINS, BLACK) .....	ahead of RH front door in lower RH A-pillar .....	32-1	04-1
X257 . (26 PINS, BLACK) .....	ahead of LH front door in lower LH A-pillar .....		04-1
X271 . (12 PINS, BLACK) .....	LH side of dash rear of INSTRUMENT CLUSTER, A2w .....	28-3	01-3
X272 . (2 PINS, BLACK) .....	under roof center panel		
X273 . (12 PINS, BLACK) .....	in lower LH B-pillar .....	21-1	01-2
X274 . (12 PINS, BLACK) .....	in lower RH B-pillar .....	21-1	01-2
X275 . (4 PINS, WHITE) .....	under LH front seat .....	23-2	03-3
X279 . (4 PINS, WHITE) .....	under RH front seat .....	32-3	03-3
X285 . (15 PINS, BLUE) .....	behind glove box .....	25-2	00-3
X292 . (9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....		03-6
X295 . (8 PINS, BLACK) .....	LH footwell underside of steering column behind LH footwell trim .....	27-3	03-5
X311 . (3 PINS, BLACK) .....	underside of trunk lid left .....	34-2	01-1
X312 . (2 PINS, BLACK) .....	in RH rear side of luggage compartment behind RH rear light assembly .....	03-3	01-6

1997



## COMPONENT LOCATION CHART

03/98

7000.0-18

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X315 .	(2 PINS, BLACK) .....	underside of trunk lid left .....	34-2	
X316 .	(6 PINS, WHITE) .....	center console near gearshift lever .....	31-1	05-3
X317 .	(6 PINS, WHITE) .....	center console near gearshift lever .....	30-3	07-1
X318 .	(8 PINS, BLACK) .....	in RH rear side of luggage compartment behind RH rear light assembly .....	03-3	01-4
X319 .	(8 PINS, BLACK) .....	in LH rear side of luggage compartment behind LH rear light assembly .....		01-4
X320 .	(6 PINS, WHITE) .....	center console near gearshift lever .....	30-3	07-1
X322 .	(6 PINS, BLACK) .....	LH footwell .....	28-2	04-2
X324 .	(6 PINS, WHITE) .....	center console near gearshift lever .....	31-1	05-3
X333 .	(4 PINS, BLACK) .....	rear of engine compartment below center of cowl .....	16-1	07-2
X336 .	(6 PINS, BLACK) .....	above LH sun visor .....	04-2	09-3
X351 .	(2 PINS, BLACK) .....	in upper RH B-pillar .....		
X352 .	(3 PINS, BLACK) .....	in lower LH C-pillar behind side panel .....	35-3	01-1
X355 .	(2 PINS, BLACK) .....	in upper RH C-pillar .....		33-2
X356 .	(2 PINS, BLACK) .....	in upper LH C-pillar .....		33-1
X371 .	(2 PINS, BLACK) .....	front RH side of engine compartment on washer fluid reservoir .....		10-2
X372 .	(2 PINS, GRAY) .....	rear RH side of engine compartment back of RH side shock tower .....		
X379 .	(1 PIN, NATURAL) .....	in upper LH C-pillar .....		33-1
X380 .	(1 PIN, NATURAL) .....	in upper RH C-pillar .....		33-2
X381 .	(3 PINS, BLACK) .....	above LH sun visor .....		38-1 01-1
X382 .	(3 PINS, BLACK) .....	above RH sun visor .....		23-1 01-1
X383 .	(2 PINS, BLACK) .....	under rear of car on differential .....		08-1
X386 .	(2 PINS, BLACK) .....	REAR ASHTRAY LIGHT .....		

1997



## COMPONENT LOCATION CHART

03/98

7000.0-19

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X389 .	(2 PINS, GRAY) .....	rear LH side of engine compartment		
X390 .	(2 PINS, BLACK) .....	RH side of dash behind glove box		
X400 .	(8 PINS, BLACK) .....	in LH rear side of luggage compartment .....	03-5	
X401 .	(1 PIN, BLACK) .....	above LH sun visor .....		38-1
X402 .	(1 PIN, BLACK) .....	above RH sun visor .....		23-1
X413 .	(2 PINS, BLACK) .....	at back of rear window shelf		
X423 .	(1 PIN, NATURAL) .....	below center console on rear of park brake lever		
X424 .	(1 PIN, BROWN) .....	in upper LH C-pillar .....	33-1	
X494 .	GROUND .....	under LH front seat under carpet		
X495 .	GROUND .....	behind RH footwell trim .....	07-3	
X498 .	GROUND .....	under LH front seat under carpet		
X503 .	(12 PINS, WHITE) .....	LH side of dash .....	26-1	01-6
X504 .	(4 PINS, WHITE) .....	LH side of dash .....	26-1	03-3
X511 .	(8 PINS, BLACK) .....	center console .....	30-3	01-4
X516 .	(5 PINS, BLACK) .....	center console .....	30-3	03-2
X517 .	(4 PINS, BLACK) .....	LH side of dash .....	26-1	03-3
X518 .	(4 PINS, BLACK) .....	LH footwell .....	28-2	03-3
X521 .	(6 PINS, BLUE) .....	center console .....		04-5
X522 .	(3 PINS, WHITE) .....	LH footwell .....	28-2	03-6
X531 .	(1 PIN, NATURAL) .....	center console near gearshift lever .....	30-2	
X532 .	(2 PINS, BLACK) .....	center console near gearshift lever .....	30-2	
X537 .	(2 PINS, BLACK) .....	in upper LH front door behind door panel .....	31-3	01-1

1997



## COMPONENT LOCATION CHART

03/98

7000.0-20

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X538 .	(2 PINS, BLACK) .....	RH front door behind door panel .....	32-1	
X542 .	(2 PINS, BLACK) .....	LH side of glove box .....	25-1	
X603 .	(6 PINS, ---) .....	center console .....		05-1
X604 .	(6 PINS, ---) .....	RH front seat .....		05-1
X605 .	(12 PINS, BLACK) .....	below RH side of rear seat Convertible .....	02-3	03-4
X605 .	(12 PINS, BLACK) .....	in LH side of luggage compartment .....	04-1	03-4
X606 .	(26 PINS, BLACK) .....	below RH side of rear seat Convertible .....	02-3	00-2
X606 .	(26 PINS, BLACK) .....	in LH side of luggage compartment .....	04-1	00-2
X607 .	(9 PINS, BLACK) .....	below LH side of dash .....	02-2	03-6
X623 .	(4 PINS, BLACK) .....	in upper LH front door behind door panel .....		10-1
X624 .	(4 PINS, BLACK) .....	in upper RH front door behind door panel .....	32-1	10-1
X625 .	(6 PINS, WHITE) .....	LH front door .....	31-3	05-1
X638 .	(2 PINS, BLACK) .....	below RH side of rear seat .....	20-2	
X641 .	(6 PINS, BLACK) .....	RH front door behind door panel .....		08-2
X643 .	(6 PINS, GREEN) .....	in roof panel .....		09-1
X644 .	(6 PINS, BLACK) .....	in lower LH rear door .....		05-3
X645 .	(6 PINS, BLUE) .....	in lower LH rear door .....		06-2
X646 .	(6 PINS, BLACK) .....	in lower RH rear door behind trim panel .....		06-2
X647 .	(6 PINS, BLUE) .....	in lower RH rear door behind trim panel .....		08-4
X651 .	(6 PINS, YELLOW) .....	center console .....	30-2	05-3
X652 .	(6 PINS, BLACK) .....	driver's seat left .....		05-1
X658 .	(6 PINS, YELLOW) .....	center console .....	30-1	05-3

1997



## COMPONENT LOCATION CHART

03/98

7000.0-21

1997

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X660 .	(4 PINS, BLACK) .....	LH front door in door at key lock assembly .....	05-4	
X663 .	(6 PINS, GRAY) .....	RH side of IHKA Plenum .....	29-3	10-1
X671 .	(5 PINS, BLACK) .....	behind LH side of dash .....	04-3	
X679 .	(2 PINS, WHITE) .....	below RH side of rear seat .....	20-2	
X700 .	(1 PIN, NATURAL) .....	behind RH footwell speaker grille		
X701 .	(1 PIN, NATURAL) .....	behind LH footwell kickpanel		
X706 .	(2 PINS, BLACK) .....	center console .....	31-2	
X709 .	(2 PINS, BLACK) .....	underside of trunk lid, near license plate .....	09-1	
X710 .	(2 PINS, BLACK) .....	underside of trunk lid, near license plate .....	09-1	
X711 .	(1 PIN, NATURAL) .....	underside of trunk lid left .....	34-2	
X712 .	(1 PIN, NATURAL) .....	underside of trunk lid left		
X713 .	(2 PINS, BLACK) .....	under rear of car on differential .....	08-1	
X714 .	(2 PINS, GRAY) .....	in lower LH rear door behind trim panel		
X720 .	(2 PINS, GRAY) .....	in lower RH rear door behind trim panel		
X726 .	(2 PINS, ---) .....	under LH front seat .....	23-2	
X727 .	(2 PINS, ---) .....	under LH front seat .....	23-2	
X728 .	(2 PINS, ---) .....	under LH front seat .....	23-2	
X729 .	(2 PINS, ---) .....	under LH front seat .....	23-2	
X732 .	(4 PINS, BLACK) .....	under LH front seat under carpet .....	03-3	
X733 .	(4 PINS, BLACK) .....	under LH front seat under carpet .....	03-3	
X734 .	(2 PINS, ---) .....	under RH front seat		
X735 .	(2 PINS, ---) .....	under RH front seat		



## COMPONENT LOCATION CHART

03/98

7000.0-22

1997

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X736 .	(2 PINS, ---) .....	under RH front seat		
X737 .	(2 PINS, ---) .....	under RH front seat		
X740 .	(4 PINS, BLACK) .....	under RH front seat .....	24-1	03-3
X741 .	(4 PINS, BLACK) .....	under RH front seat .....	24-1	03-3
X742 .	(2 PINS, YELLOW) .....	RH front door in door at key lock assembly		
X744 .	(2 PINS, GRAY) .....	RH front door behind door panel .....	32-1	
X745 .	(3 PINS, BLACK) .....	above RH footwell dash panel .....		01-1
X746 .	(3 PINS, BLACK) .....	RH front door behind door panel .....	32-1	01-1
X747 .	(2 PINS, YELLOW) .....	LH front door in door at key lock assembly .....	32-2	
X748 .	(3 PINS, BLACK) .....	footwell, driver's side behind trim panel .....		01-1
X749 .	(4 PINS, BLACK) .....	in upper LH front door .....	31-3	12-3
X751 .	(2 PINS, WHITE) .....	LH front door .....	32-2	
X752 .	(2 PINS, GRAY) .....	LH front door in door at key lock assembly .....	32-2	
X753 .	(3 PINS, BLACK) .....	LH front door .....		01-1
X768 .	(2 PINS, WHITE) .....	in the engine compartment near LH headlight assembly .....	08-2	
X769 .	(2 PINS, WHITE) .....	in the engine compartment near RH headlight assembly .....	08-2	
X770 .	(2 PINS, YELLOW) .....	front RH side of engine compartment .....	20-1	
X771 .	(2 PINS, BLACK) .....	RH side of LH footwell LH side of IHKA Plenum .....	28-1	
X772 .	(2 PINS, WHITE) .....	center console		
X773 .	(2 PINS, WHITE) .....	center console		
X774 .	(1 PIN, GRAY) .....	rear of engine compartment behind RH fresh air cowl		
X778 .	(3 PINS, BLACK) .....	under LH front seat .....	23-2	01-1



## COMPONENT LOCATION CHART

03/98

7000.0-23

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X779 .	(2 PINS, BLACK) .....	LH side of glove box .....	25-1	
X782 .	(3 PINS, ORANGE) .....	below RH side of dash .....	27-2	10-3
X783 .	(3 PINS, BLACK) .....	underside of steering column .....		10-3
X816 .	(2 PINS, BLACK) .....	rear of engine compartment behind RH fresh air cowl		
X817 .	(1 PIN, BLACK) .....	rear of engine compartment behind RH fresh air cowl		
X899 .	(12 PINS, BLACK) .....	behind center of dashboard .....	01-3	
X904 .	(4 PINS, GRAY) .....	LH side of IHKA Plenum .....	29-1	03-3
X905 .	(5 PINS, BLACK) .....	behind center of dashboard		
X999 .	(4 PINS, ---) .....	behind center of dashboard left .....	03-3	
X1001	(4 PINS, BLACK) .....	RIGHT REAR SPEAKER .....		03-3
X1002	(4 PINS, ---) .....	LEFT REAR SPEAKER .....		03-3
X1014	(1 PIN, BLACK) .....	center console near gearshift lever .....	30-2	
X1070	(18 PINS, BLACK) .....	center console .....	03-1	01-5
X1071	(18 PINS, NATURAL) .....	center console .....	03-1	01-5
X1074	(15 PINS, WHITE) .....	below LH side of dash .....	00-3	00-3
X1075	(15 PINS, BLACK) .....	below LH side of dash .....	00-3	00-3
X1148	(2 PINS, BLACK) .....	front LH side of engine compartment .....	37-3	
X1155	(3 PINS, BLACK) .....	center console .....		01-1
X1161	(9 PINS, BLACK) .....	in Power Distribution Box .....		03-6
X1162	(2 PINS, BLACK) .....	near brake master cylinder .....	18-3	
X1165	GROUND .....	below LH side of dash .....	07-1	
X1166	GROUND .....	behind RH footwell trim .....	07-3	

1997



## COMPONENT LOCATION CHART

03/98

7000.0-24

1997

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X1170	(42 PINS, BLACK) .....	behind glove box (glove box removed) .....	01-3	10-4
X1171	(55 PINS, BLACK) .....	behind glove box (glove box removed) .....	01-3	00-1
X1175	(42 PINS, BLACK) .....	behind glove box (glove box removed) .....		10-4
X1176	(25 PINS, BLACK) .....	LH side of engine compartment .....		05-3
X1178	(2 PINS, WHITE) .....	below center console LH side of gearshift selector		
X1193	(3 PINS, BLACK) .....	center console RH side of gearshift selector .....		01-1
X1213	(2 PINS, BLACK) .....	center console .....	31-2	
X1239	(2 PINS, BLACK) .....	RH C-Pillar		
X1240	(2 PINS, BLACK) .....	LH C-Pillar		
X1241	(2 PINS, NATURAL) .....	below LH side of rear seat .....		21-2
X1243	(6 PINS, BLACK) .....	center console near gearshift lever .....	31-1	04-2
X1260	(2 PINS, NATURAL) .....	behind side panel left		
X1261	(2 PINS, NATURAL) .....	behind side panel right		
X1292	(4 PINS, NATURAL) .....	center console .....		10-1
X1380	(1 PIN, NATURAL) .....	behind RH footwell speaker grille		
X1381	(1 PIN, NATURAL) .....	behind LH footwell kickpanel		
X1441	GROUND .....	below rear seat .....		00-2
X1527	(26 PINS, BLUE) .....	behind center console .....	03-2	00-2
X1588	(2 PINS, BLACK) .....	below LH side of dash		
X1659	(15 PINS, YELLOW) .....	RH side of dash behind glove box .....	38-3	00-3
X1660	(3 PINS, WHITE) .....	RH side of steering column .....	04-3	01-1
X1883	(3 PINS, ---) .....	in driver's door .....		01-1



## COMPONENT LOCATION CHART

03/98

7000.0-25

1997

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X1884	(3 PINS, ---) .....	in passenger's door .....	01-1	
X1885	(3 PINS, BLACK) .....	LH B-pillar .....	01-1	
X1886	(3 PINS, BLACK) .....	RH B-pillar .....	01-1	
X1890	(3 PINS, BLACK) .....	behind front grille behind trim panel .....	01-1	
X1892	(3 PINS, BLACK) .....	in RH rear side of luggage compartment .....	01-1	
X4770	(4 PINS, NATURAL) .....	in upper RH C-pillar .....	10-1	
X4771	(4 PINS, NATURAL) .....	in upper LH C-pillar .....	10-1	
X6000	(88 PINS, BLACK) .....	rear RH side of engine compartment .....	00-1	06-1
X6002	(20 PINS, BLACK) .....	rear RH side of engine compartment .....	05-1	04-4
X6031	(12 PINS, BLACK) .....	rear LH side of engine compartment .....	01-6	
X6091	(30 PINS, BLACK) .....	rear of engine compartment on engine bulkhead .....	05-6	
X6101	(2 PINS, BLACK) .....	top center of engine .....	36-1	
X6102	(2 PINS, BLACK) .....	top center of engine .....	36-1	
X6103	(2 PINS, BLACK) .....	top center of engine .....	36-1	
X6104	(2 PINS, BLACK) .....	top center of engine .....	36-1	
X6105	(2 PINS, BLACK) .....	top center of engine .....	36-1	
X6106	(2 PINS, BLACK) .....	top center of engine .....	36-1	
X6120	(2 PINS, BLACK) .....	LH side of engine compartment right of LH side shock tower .....	15-1	
X6120	(2 PINS, BLACK) .....	LH side of engine compartment right of LH side shock tower .....	20-3	
X6130	(3 PINS, GRAY) .....	front of engine below intake manifold .....	11-3	10-2
X6130	(2 PINS, BLACK) .....	rear LH side of engine compartment .....	11-2	
X6131	(2 PINS, BLACK) .....	rear LH side of engine compartment .....	36-2	



## COMPONENT LOCATION CHART

03/98

7000.0-26

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X6133	(2 PINS, BLACK) .....	front of engine compartment		
X6150	(12 PINS, BLACK) .....	front RH side of engine compartment .....	05-1	01-6
X6151	(3 PINS, GRAY) .....	top RH side of engine .....		07-4
X6152	(3 PINS, GRAY) .....	top RH side of engine .....		07-4
X6153	(3 PINS, GRAY) .....	top RH side of engine .....		07-4
X6154	(3 PINS, GRAY) .....	top RH side of engine .....		07-4
X6155	(3 PINS, GRAY) .....	top RH side of engine .....		07-4
X6156	(3 PINS, GRAY) .....	top RH side of engine .....		07-4
X6163	(2 PINS, BLACK) .....	RH side of engine		
X6203	(3 PINS, BLACK) .....	front of engine below intake manifold .....	12-2	10-2
X6204	(3 PINS, BLACK) .....	front of engine below intake manifold .....	12-2	07-3
X6205	(2 PINS, BLACK) .....	front LH side of engine compartment (318is) .....		18-2
X6205	(2 PINS, BLACK) .....	LH side of engine (near oil level stick) .....		36-3
X6207	(4 PINS, BLACK) .....	LH side of engine .....	12-1	07-2
X6209	(3 PINS, BLACK) .....	front of engine HALL EFFECT CAMSHAFT SENSOR .....		07-5
X6217	(4 PINS, GRAY) .....	top front of engine .....	18-2	07-2
X6231	(2 PINS, BLACK) .....	LH side of engine compartment (near oil level stick) .....		11-1
X6231	(2 PINS, BROWN) .....	RH front of engine below intake manifold (318is) .....		17-1
X6238	(2 PINS, BLACK) .....	LH side of engine (M3) .....		14-2
X6240	(4 PINS, BLACK) .....	LH side of engine near starter .....		07-2
X6252	(3 PINS, BLACK) .....	LH side of engine .....	13-3	07-3
X6252	(3 PINS, BLACK) .....	LH side of engine (near oil level stick) .....	12-1	10-2

1997



## COMPONENT LOCATION CHART

03/08

7000.0-27

1997

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X6256	(4 PINS, BLACK) .....	front of engine .....	11-1	07-2
X6256	(4 PINS, BLACK) .....	front of engine .....	17-2	
X6275	(2 PINS, BLACK) .....	top center of engine .....	12-2	
X6300	(9 PINS, BLACK) .....	rear LH side of engine compartment .....	03-6	
X6301	(9 PINS, BLACK) .....	rear LH side of engine compartment .....	03-6	
X6304	(9 PINS, BLACK) .....	rear LH side of engine compartment .....	03-6	
X6326	(9 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....	03-6	
X6430	CABLE SOCKET B+ JUMP START JUNCTION POINT .....	rear RH side of engine compartment		
X6431	CABLE SOCKET B+ JUMP START JUNCTION POINT .....	rear RH side of engine compartment		
X6432	CABLE SOCKET B+ JUMP START JUNCTION POINT .....	rear RH side of engine compartment		
X6433	CABLE SOCKET B+ JUMP START JUNCTION POINT .....	rear RH side of engine compartment		
X6437	CABLE SOCKET B+ JUMP START JUNCTION POINT .....	rear RH side of engine compartment		
X6454	GROUND .....	rear RH side of engine compartment back of RH side shock tower .....	06-2	
X6456	GROUND .....	on cylinder head .....	07-2	
X6509	CABLE SOCKET ALTERNATOR B+ .....	front LH side of engine compartment .....	05-2	
X6510	CABLE SOCKET STARTER, TERMINAL 50 ..	rear LH side of engine compartment below intake manifold		
X6511	CABLE SOCKET STARTER, TERMINAL 30h	rear LH side of engine compartment below intake manifold		
X6512	CABLE SOCKET STARTER, TERMINAL 30 ..	rear LH side of engine compartment below intake manifold		
X6550	(2 PINS, BLACK) .....	under LH center of car behind trim panel .....	27-1	



## COMPONENT LOCATION CHART

03/98

7000.0-28

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X7000	(88 PINS, BLACK) .....	rear RH side of engine compartment .....	00-1	06-1
X7509	CABLE SOCKET ALTERNATOR, TERMINAL D+ .....	front LH side of engine compartment below		
X8500	(88 PINS, BLACK) .....	rear RH side of engine compartment .....	00-1	06-1
X8503	(10 PINS, WHITE) .....	center console RH side of gearshift selector .....	31-1	02-4
X8505	(16 PINS, BLACK) .....	on RH side of transmission .....		03-1
X8507	(1 PIN, BLACK) .....	below LH side of dash		
X8511	(2 PINS, BLACK) .....	under front of car LH side of transmission		
X8516	(3 PINS, BLACK) .....	under center of car above .....		10-2
X8521	(9 PINS, BLACK) .....	under center of car above .....		09-2
X9997	(2 PINS, ORANGE) .....	behind steering wheel .....		24-2
X10010	GROUND .....	behind RH footwell trim		
X10012	GROUND .....	behind RH footwell trim .....		07-3
X10013	(1 PIN, ---) .....	top of steering column		
X10054	(12 PINS, BLACK) .....	below LH side of dash RH side of steering column .....	28-1	04-6
X10070	(2 PINS, GRAY) .....	near LH headlight assembly .....		13-2
X10071	(2 PINS, BLACK) .....	near LH headlight assembly .....		13-2
X10074	(2 PINS, BLACK) .....	near LH headlight assembly		
X10075	(2 PINS, GRAY) .....	near RH headlight assembly		
X10092	(9 PINS, BLACK) .....	behind glove box left .....	25-2	03-6
X10094	(2 PINS, BLACK) .....	LH side of engine compartment .....		12-1
X10098	(1 PIN, ---) .....	front RH side of engine compartment		

1997



## COMPONENT LOCATION CHART

80/38

7000.0-29

1997

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X10099	(1 PIN, ---)	front RH side of engine compartment		
X10182	(18 PINS, BLACK)	behind glove box (glove box removed)	01-5	
X10193	(9 PINS, BLACK)	behind glove box (glove box removed)	01-2	03-6
X10216	(2 PINS, YELLOW)	driver's seat right		
X10217	(2 PINS, YELLOW)	passenger's seat left		
X10218	(3 PINS, NATURAL)	under RH front seat	24-1	01-1
X10223	(3 PINS, BLACK)	in convertible top compartment left	22-1	03-6
X10224	(2 PINS, BLACK)	in convertible top compartment left	22-1	
X10225	(3 PINS, BLACK)	underside of trunk lid	01-1	
X10226	(9 PINS, BLACK)	behind glove box	25-2	03-6
X10227	(4 PINS, BLACK)	in convertible top compartment	07-6	
X10238	(2 PINS, BLACK)	LH side of engine compartment		
X10239	(3 PINS, BLACK)	LH side of engine compartment	12-1	07-3
X10244	(1 PIN, BLACK)	below LH side of dash		
X10250	(2 PINS, ---)	behind LH footwell speaker grille		
X10261	(4 PINS, BLACK)	front RH side of engine compartment near RH headlight assembly	09-3	08-5
X10262	(9 PINS, BLACK)	below LH side of dash	03-6	
X10266	(6 PINS, BLACK)	below RH side of rear seat Convertible	09-1	
X10267	(6 PINS, BLACK)	center console	05-3	
X10273	(2 PINS, BLACK)	LH side of dash behind instrument cluster		
X11166	GROUND	in lower LH C-pillar behind side panel	35-3	
X11205	(2 PINS, BLACK)	behind rear seats right	22-3	



## COMPONENT LOCATION CHART

86/30

7000.0-30

1997

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X11208 (2 PINS, BLACK) .....	hard top		
X11209 (2 PINS, BLACK) .....	behind rear seats left behind side panel .....	35-3	
X11211 (2 PINS, ---) .....	in convertible top compartment		
X11277 (3 PINS, YELLOW) .....	in rear spoiler .....	01-1	
X11289 (3 PINS, BLACK) .....	under LH front seat		
X11290 (3 PINS, BLACK) .....	under RH front seat		
X11335 (3 PINS, ---) .....	in driver's door .....	01-1	
X11336 (3 PINS, ---) .....	in passenger's door .....	01-1	
X11379 (3 PINS, BLACK) .....	RH top of radiator .....	09-3	06-3
X11382 (2 PINS, BLUE) .....	front cover .....	35-1	
X11383 (2 PINS, BLUE) .....	in lower LH C-pillar behind side panel .....	35-3	
X11385 (3 PINS, BLACK) .....	front cover .....	35-1	01-1
X11386 (3 PINS, BLUE) .....	in lower LH C-pillar behind side panel .....	35-3	01-1
X11390 (12 PINS, BLACK) .....	in lower LH C-pillar behind side panel .....	02-1	01-3
X11393 (9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....	03-6	
X11394 (25 PINS, BLACK) .....	rear LH side of engine compartment back of LH side shock tower .....	05-5	
X11395 (3 PINS, BLACK) .....	behind glove box (glove box removed)		
X13004 GROUND .....	in upper RH rear seatback .....	06-1	
X13006 GROUND .....	in upper LH rear seatback		
X13009 GROUND .....	behind RH footwell trim above .....	07-3	
X13016 GROUND .....	below LH side of dash .....	07-1	
X13025 (12 PINS, BLACK) .....	behind glove box (glove box removed) .....	01-3	04-6



## COMPONENT LOCATION CHART

03/08

7000.0-31

1997

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X13044	(12 PINS, BLACK) .....	in lower LH C-pillar behind side panel .....	02-1	01-3
X13045	(6 PINS, GREEN) .....	center console .....		05-3
X13079	(3 PINS, YELLOW) .....	behind rear seats .....		01-1
X13142	(2 PINS, WHITE) .....	behind rear seats .....	21-3	
X13143	(3 PINS, BLACK) .....	behind rear seats behind side panel .....	35-3	01-1
X13145	(6 PINS, BLACK) .....	in LH side of luggage compartment .....	34-3	04-2
X13146	(2 PINS, BLACK) .....	in LH side of luggage compartment .....	34-1	
X13152	(4 PINS, BLACK) .....	in LH side of luggage compartment .....	34-1	07-6
X13156	(10 PINS, BLACK) .....	in lower LH C-pillar behind side panel .....	02-1	09-4
X13157	(6 PINS, BLACK) .....	in lower LH C-pillar behind side panel .....	02-1	05-3
X13159	(26 PINS, BLACK) .....	in lower LH C-pillar behind side panel .....	02-1	00-2
X13170	(2 PINS, BLACK) .....	in spare-wheel well .....	14-3	
X13171	(3 PINS, NATURAL) .....	RH rear wheel well behind trim panel .....	14-1	06-4
X13172	(2 PINS, BLACK) .....	in LH rear side of luggage compartment .....	14-2	
X13176	(6 PINS, NATURAL) .....	under roof center panel .....		09-1
X13226	(2 PINS, BLACK) .....	behind rear seats		
X13227	(2 PINS, BLACK) .....	behind rear seats		
X13230	GROUND .....	behind RH footwell trim above Convertible		
X13252	(15 PINS, YELLOW) .....	behind glove box (glove box removed) .....	01-1	00-3
X13253	(26 PINS, YELLOW) .....	behind glove box (glove box removed) .....	01-1	00-2
X13254	(26 PINS, GREEN) .....	behind glove box (glove box removed) .....	01-1	00-2
X13255	(12 PINS, NATURAL) .....	behind glove box (glove box removed) .....	01-3	



## COMPONENT LOCATION CHART

03/98

7000.0-32

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X13256	(2 PINS, GRAY) .....	left from LH rear seat behind trim panel .....	22-2	
X13257	(2 PINS, GRAY) .....	RH side of RH rear seat behind trim panel .....	22-2	
X13258	(15 PINS, WHITE) .....	behind glove box (glove box removed) .....	25-2	00-3
X13262	(6 PINS, BLUE) .....	center console .....		05-3
X13263	(2 PINS, BLACK) .....	behind glove box		
X13283	(9 PINS, BLACK) .....	LH side of LH footwell .....	03-6	
X13305	(8 PINS, BLACK) .....	center console .....	01-4	
X18080	(1 PIN, NATURAL) .....	in luggage compartment		
X18126	(17 PINS, BLACK) .....	center console behind radio .....	02-3	
X18135	(4 PINS, ---) .....	under driver's seat		
X18196	(10 PINS, BLACK) .....	driver's door LEFT FRONT HIGH RANGE SPEAKER .....	02-4	
X18198	(10 PINS, BLACK) .....	passenger's door RIGHT FRONT HIGH RANGE SPEAKER .....	02-4	
X18279	(2 PINS, BLACK) .....	in lower LH front door behind trim panel		
X18280	(2 PINS, BLACK) .....	in lower RH side of front door behind trim panel		
X18336	(3 PINS, BLACK) .....	LH side of glove box (glove box removed) .....	01-1	
X18518	(3 PINS, BLACK) .....	under RH front seat .....	01-1	
X18520	(10 PINS, ---) .....	center console RADIO		
X18521	(10 PINS, ---) .....	RH side of luggage compartment CD CHANGER		
X18723	GROUND .....	below LH side of dash		
X18741	(4 PINS, ---) .....	center of dash MICROPHONE		
X18797	(1 PIN, NATURAL) .....	in RH rear side of luggage compartment		
X18798	(1 PIN, NATURAL) .....	in RH rear side of luggage compartment		

1997



## COMPONENT LOCATION CHART

03/98

7000.0-33

1997

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X18994	(3 PINS, YELLOW) .....	LH footwell .....	39-2	01-1
X19527	(16 PINS, BLACK) .....	below LH side of dash .....		08-3
X19561	(16 PINS, BLACK) .....	on RH side of transmission		
X62001	(4 PINS, BLACK) .....	under center of car (318is) .....	37-1	07-2
X62002	(4 PINS, BLACK) .....	under center of car (318is) .....	37-2	07-2
X62101	(4 PINS, BLACK) .....	top center of engine .....	15-3	07-2
X62102	(4 PINS, BLACK) .....	under center of car on catalytic converter .....		07-2
X62201	(4 PINS, BLACK) .....	top center of engine .....	15-3	07-2
X62202	(4 PINS, BLACK) .....	under center of car on catalytic converter .....		07-2
X90260	(3 PINS, BLACK) .....	RH side of steering column .....	04-3	01-1
Y1 ....	ABS HYDRAULIC UNIT .....	rear LH side of engine compartment back of LH side shock tower .....	16-2	
Y1w ..	ABS HYDRAULIC UNIT .....	LH side of engine compartment		
Y2 ....	AIR CONDITIONING COMPRESSOR .....	front of engine		
Y4 ....	WATER VALVE ASSEMBLY .....	rear LH side of engine compartment .....	16-2	
Y5 ....	DRIVER'S SIDE MIRROR .....	in upper LH front door		
Y6 ....	PASSENGER'S SIDE MIRROR .....	in upper RH front door		
Y19 ...	SHIFT-LOCK .....	center console RH side of gearshift selector		
Y85 ...	LH ROLLOVER PROTECTION ACTUATOR ..	behind rear seats Convertible .....	02-3	
Y86 ...	RH ROLLOVER PROTECTION ACTUATOR ..	behind rear seats Convertible .....	02-3	
Y198 ..	EXHAUST GAS FLAP VALVE .....	in LH rear side of luggage compartment .....	14-2	
Y199 ..	CARBON CANISTER VALVE .....	in spare-wheel well .....	14-3	
Y6101	CYL. 1 FUEL INJECTION VALVE .....	top center of engine .....	12-3	



## COMPONENT LOCATION CHART

86/30

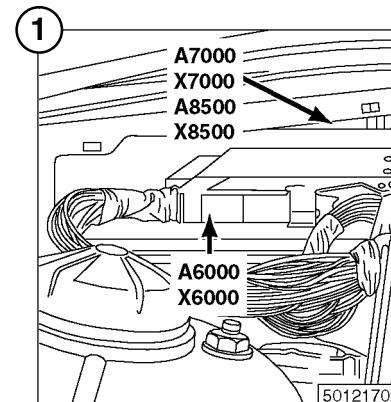
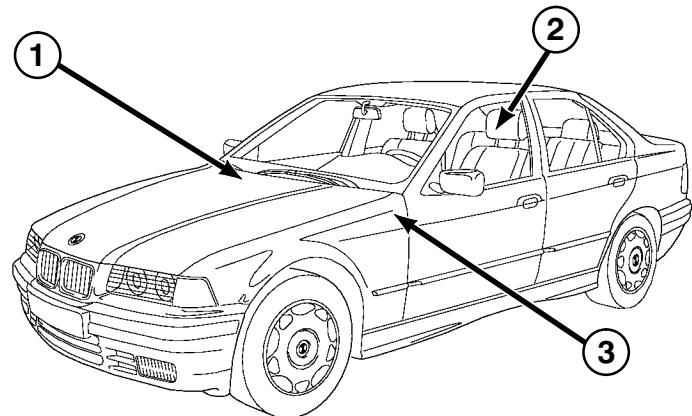
7000.0-34

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
Y6102	CYL. 2 FUEL INJECTION VALVE .....	top center of engine .....	12-3
Y6103	CYL. 3 FUEL INJECTION VALVE .....	top center of engine .....	12-3
Y6104	CYL. 4 FUEL INJECTION VALVE .....	top center of engine .....	12-3
Y6105	CYL. 5 FUEL INJECTION VALVE .....	top center of engine .....	12-3
Y6106	CYL. 6 FUEL INJECTION VALVE .....	top center of engine .....	12-3
Y6120	EVAPORATIVE EMISSION VALVE .....	front LH side of engine compartment right of LH side shock tower .....	15-1
Y6120	EVAPORATIVE EMISSION VALVE .....	LH side of engine compartment right of LH side shock tower .....	20-3
Y6130	IDLE SPEED CONTROL VALVE .....	front of engine below intake manifold .....	11-3
Y6130	IDLE SPEED CONTROL VALVE .....	rear LH side of engine compartment .....	11-2
Y6131	INTAKE AIR RESONANCE CHANGEOVER VALVE .....	rear LH side of engine compartment .....	36-2
Y6133	AIR PUMP .....	front of engine compartment .....	05-1
Y6163	SECONDARY AIR PUMP VALVE .....	RH side of engine	
Y6275	VARIABLE CAMSHAFT CONTROL VALVE 1	top center of engine .....	12-2
Y6550	SOLENOID VALVE ("RUNNING LOSSES") ..	under LH center of car	
Y8505	TRANSMISSION VALVE UNIT .....	on LH side of transmission	
Y8505y	TRANSMISSION VALVE UNIT .....	on LH side of transmission	
Y8505y	TRANSMISSION VALVE UNIT .....	on RH side of transmission	
Y8521	TRANSMISSION VALVE UNIT .....	on RH side of transmission	

1997

## COMPONENT LOCATION VIEWS

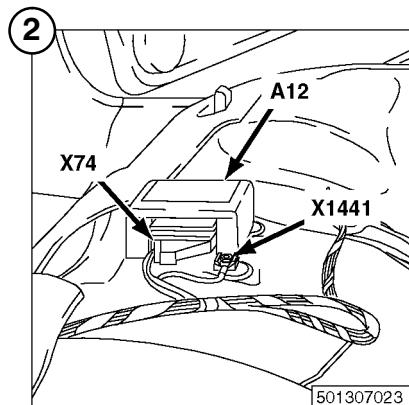
### ELECTRICAL CONTROL MODULE LOCATIONS



A6000  
ENGINE CONTROL  
MODULE (DME)      X6000  
X7000  
X8500

A7000  
TRANSMISSION  
CONTROL MOD-  
ULE (EGS)

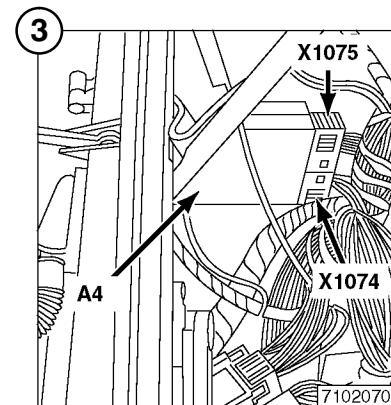
A8500  
TRANSMISSION  
CONTROL MOD-  
ULE (EGS)



A12  
SUPPLEMENTAL  
RESTRAINT SYS-  
TEM CONTROL  
MODULE

X1441  
GROUND

X74

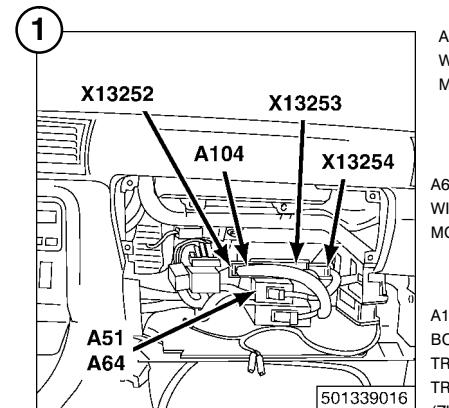
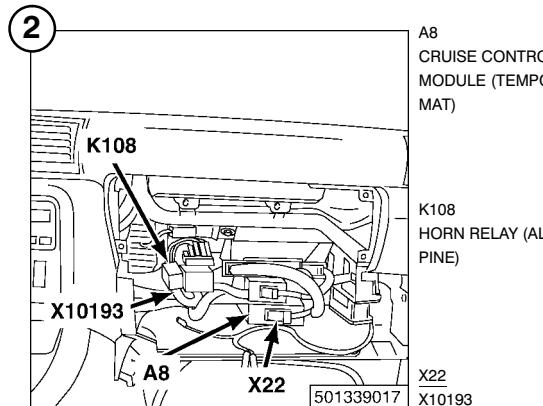
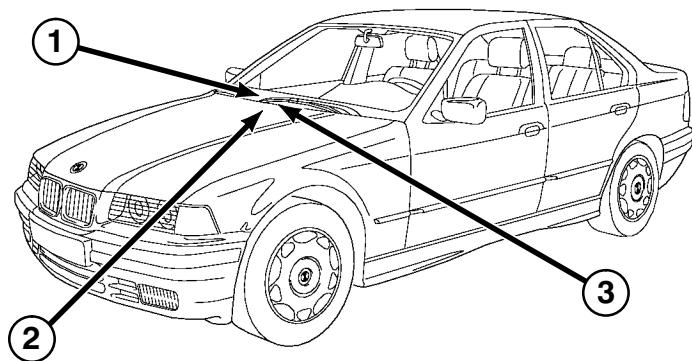


A4  
CHECK CONTROL  
MODULE

X1074  
X1075

## COMPONENT LOCATION VIEWS

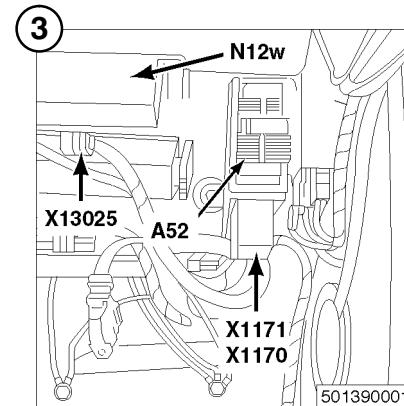
### ELECTRICAL CONTROL MODULE LOCATIONS



A51  
WIPER/WASHER  
MODULE  
X13252  
X13253  
X13254

A64  
WIPER/WASHER  
MODULE (LOW II)

A104  
BODY ELEC-  
TRONICS CON-  
TROL MODULE  
(ZKE IV)



A52  
SLIP CONTROL  
MODULE (ABS/  
ASC)

N12w  
ANTI-THEFT CON-  
TROL MODULE (AL-  
PINE)

X1170  
X1171  
X13025

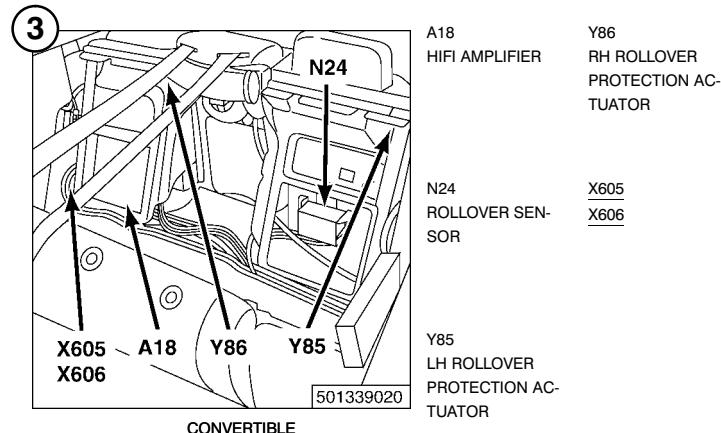
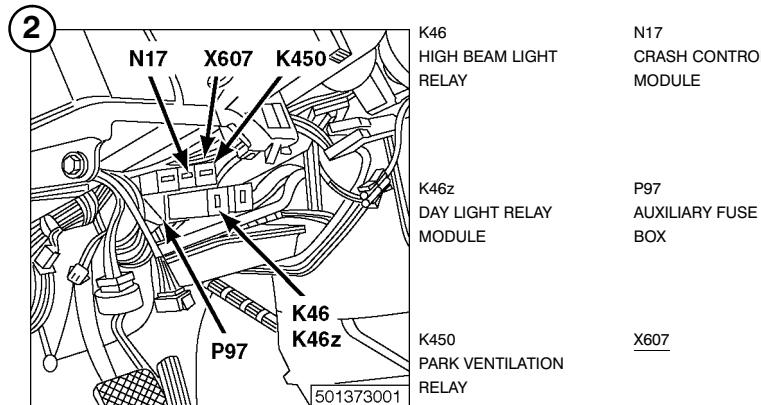
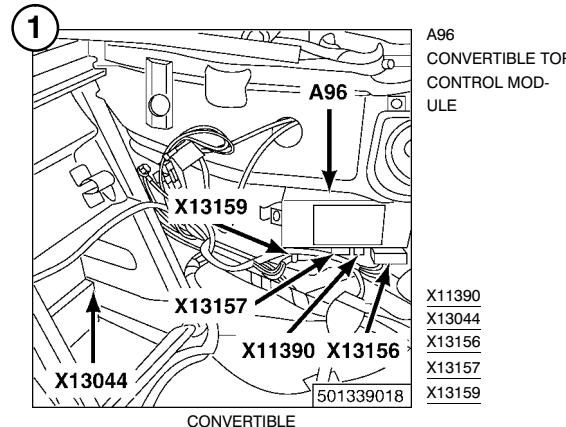
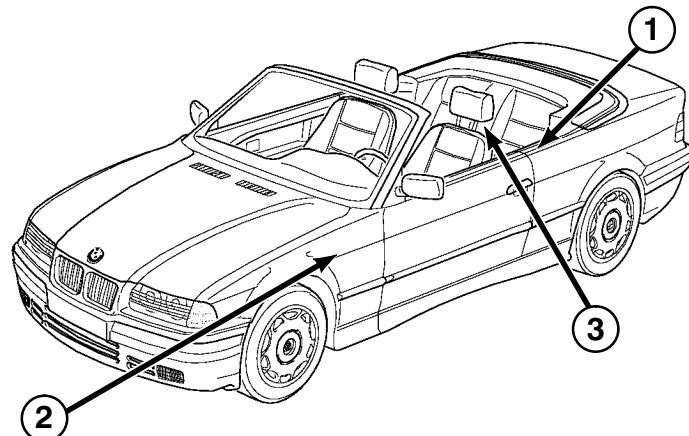
## COMPONENT LOCATION VIEWS

### ELECTRICAL CONTROL MODULE LOCATIONS

03/98

7100.0-02

1997



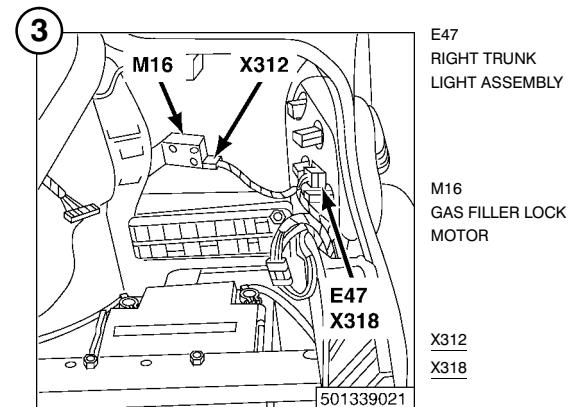
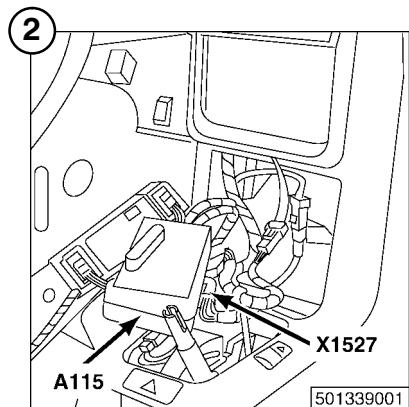
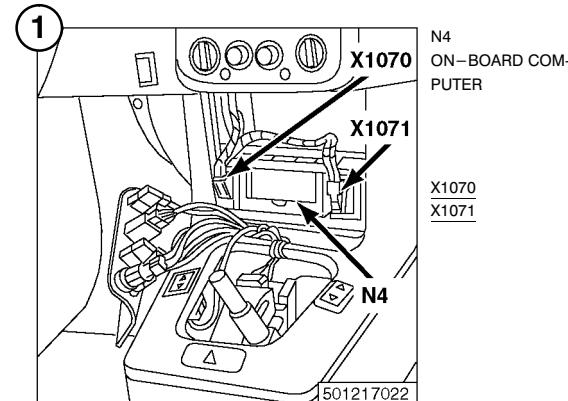
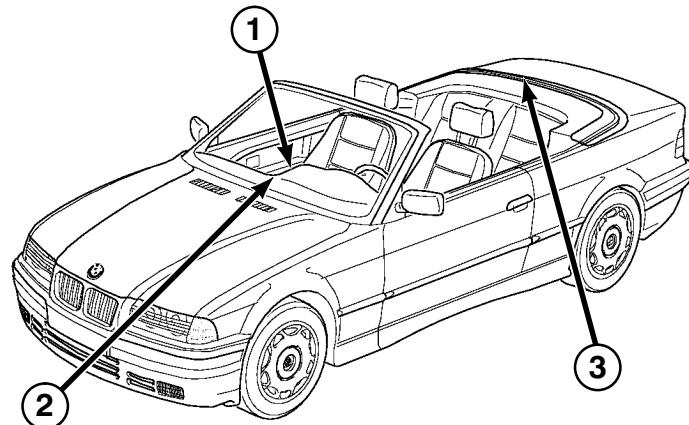
## COMPONENT LOCATION VIEWS

### ELECTRICAL CONTROL MODULE LOCATIONS

03/98

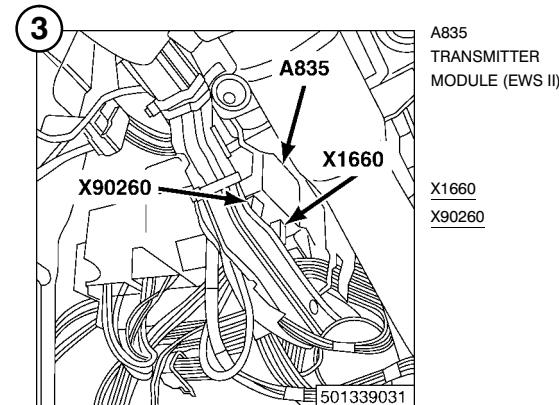
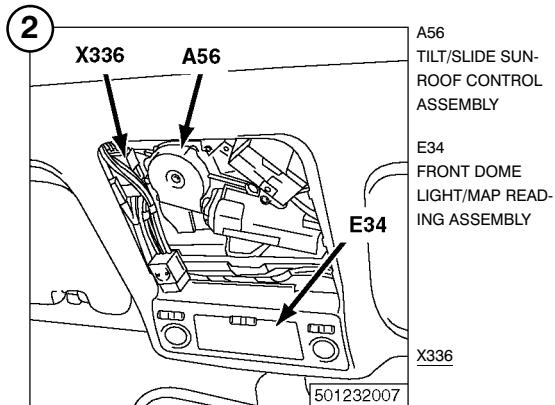
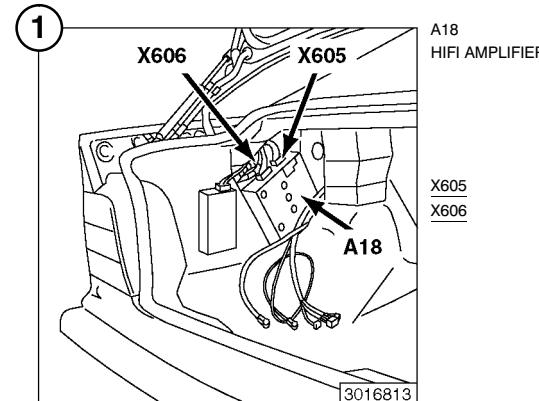
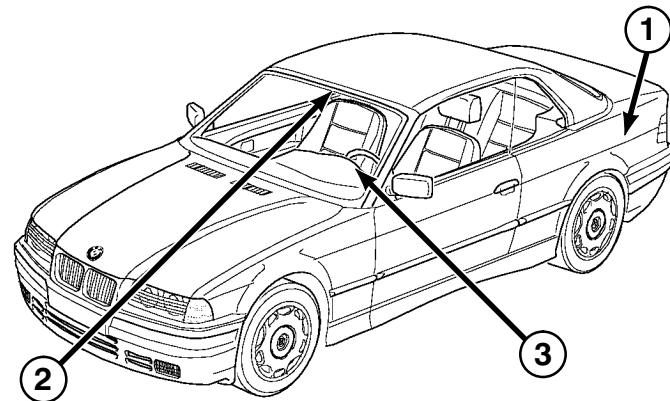
7100.0-03

1997

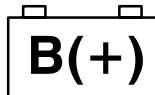
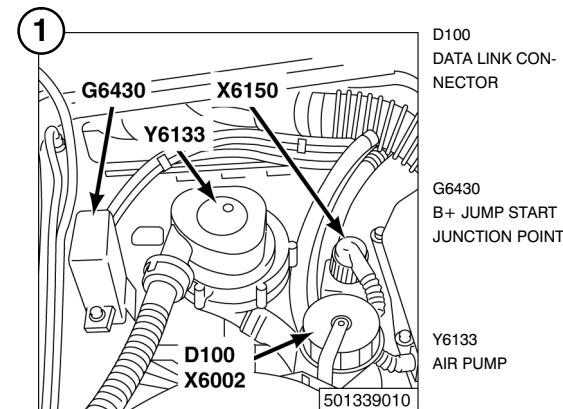
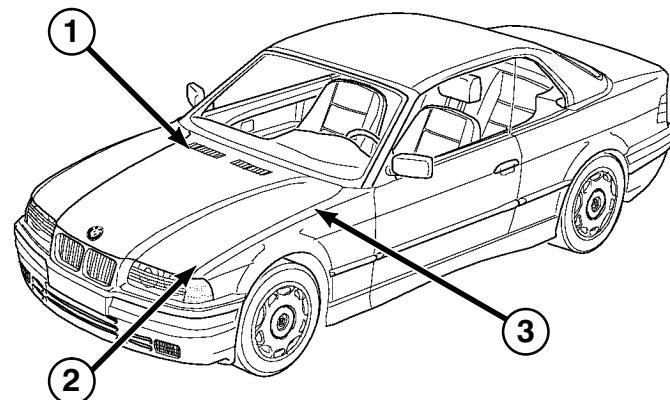


## COMPONENT LOCATION VIEWS

### ELECTRICAL CONTROL MODULE LOCATIONS



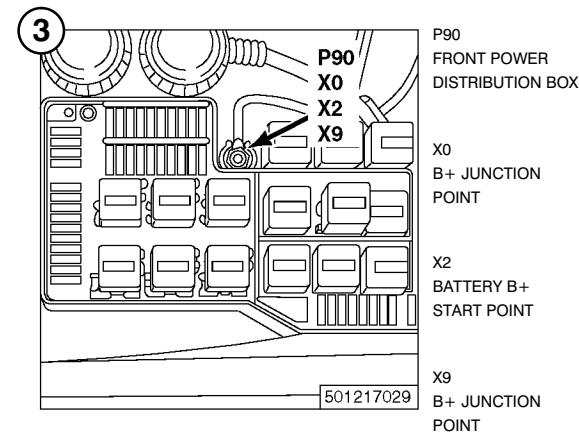
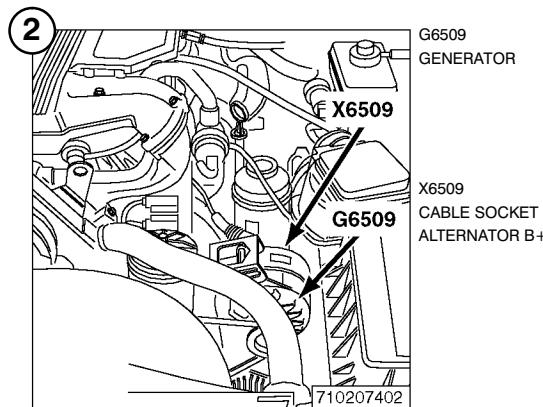
## COMPONENT LOCATION VIEWS

 B(+)

D100  
DATA LINK CON-  
NECTOR  
  
X6002  
X6150

G6430  
B+ JUMP START  
JUNCTION POINT

Y6133  
AIR PUMP



P90  
FRONT POWER  
DISTRIBUTION BOX

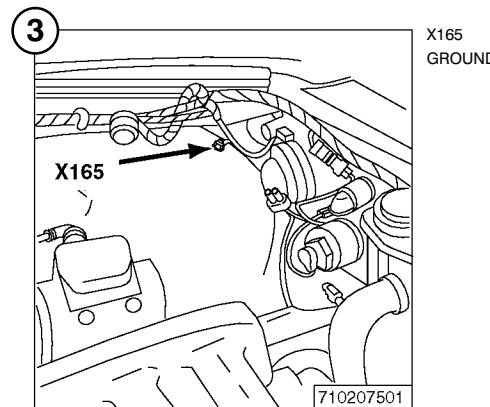
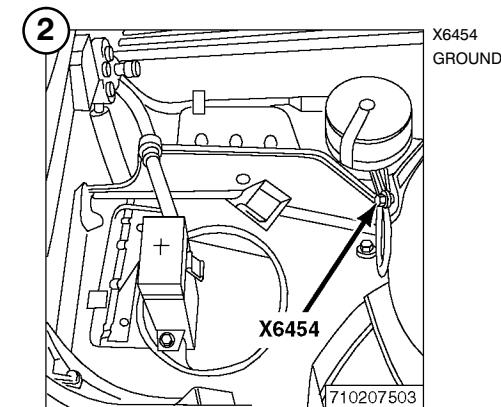
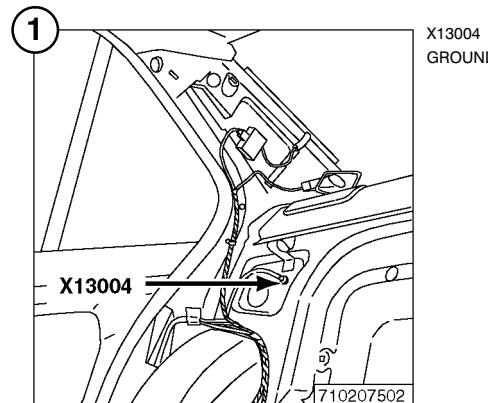
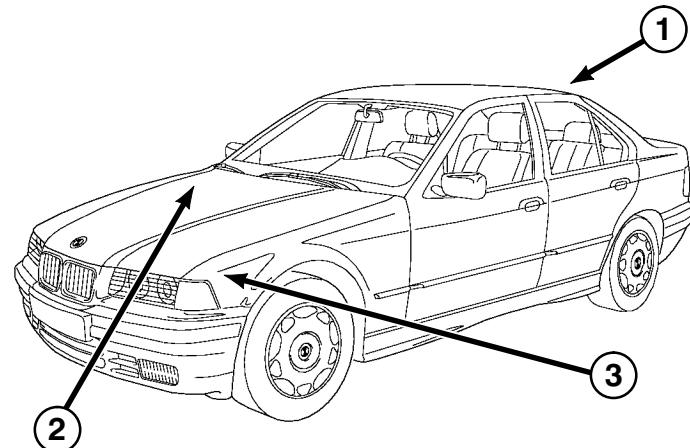
X0  
B+ JUNCTION  
POINT

X2  
BATTERY B+  
START POINT

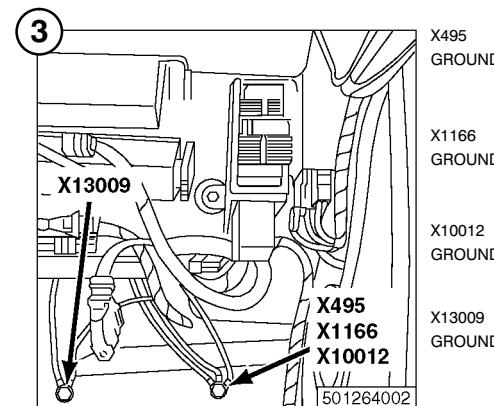
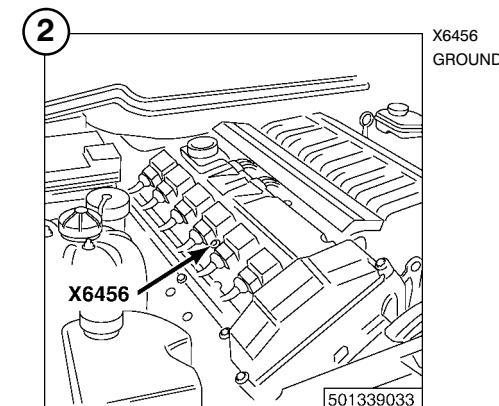
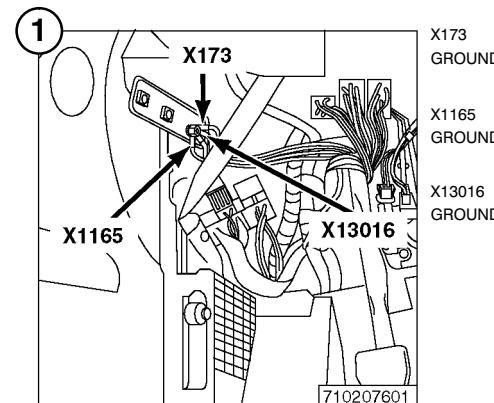
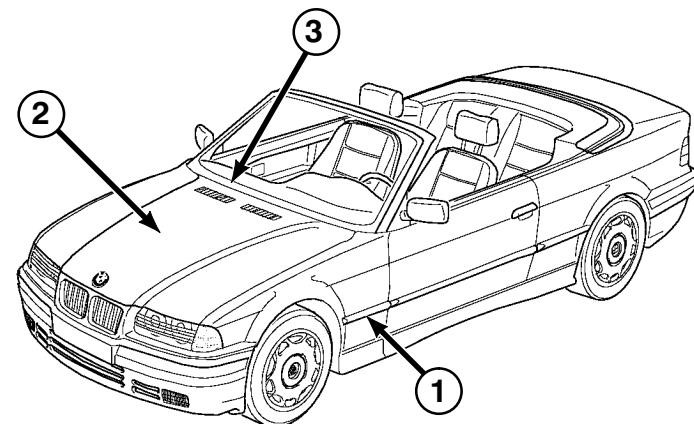
X9  
B+ JUNCTION  
POINT

## COMPONENT LOCATION VIEWS

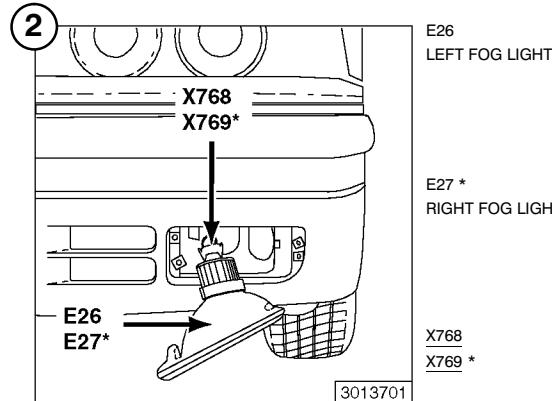
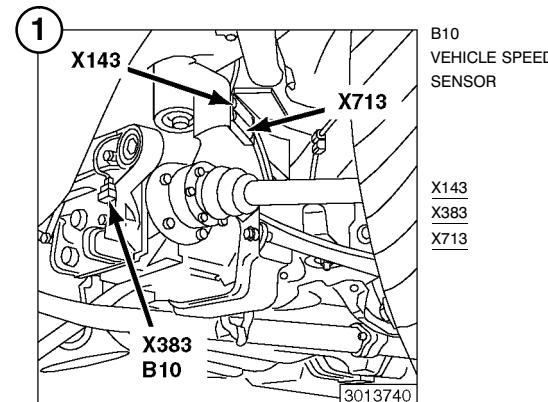
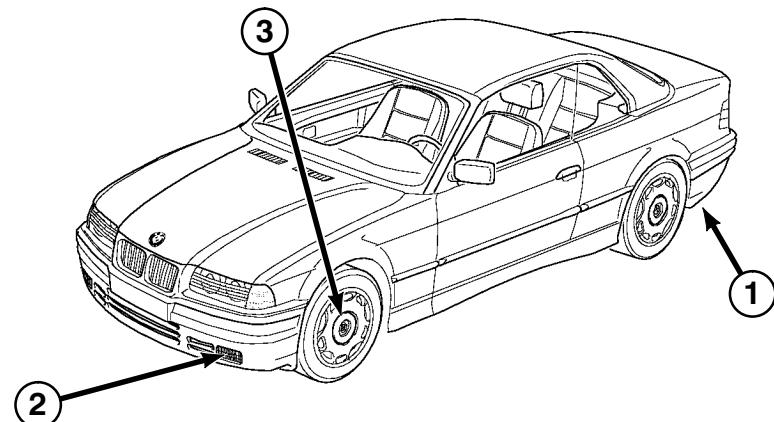
B(-)



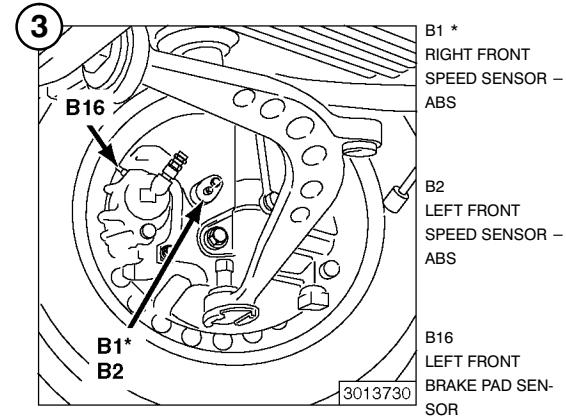
## COMPONENT LOCATION VIEWS

**B(-)**

## COMPONENT LOCATION VIEWS

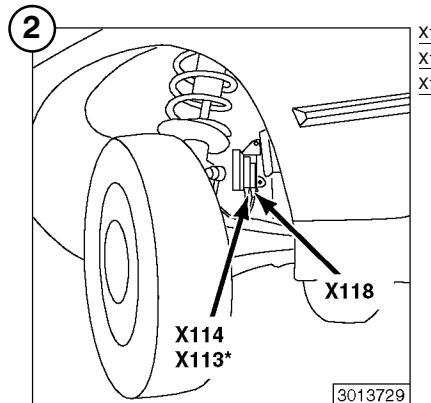
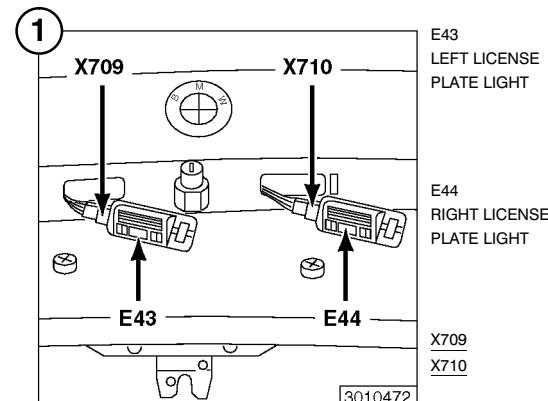
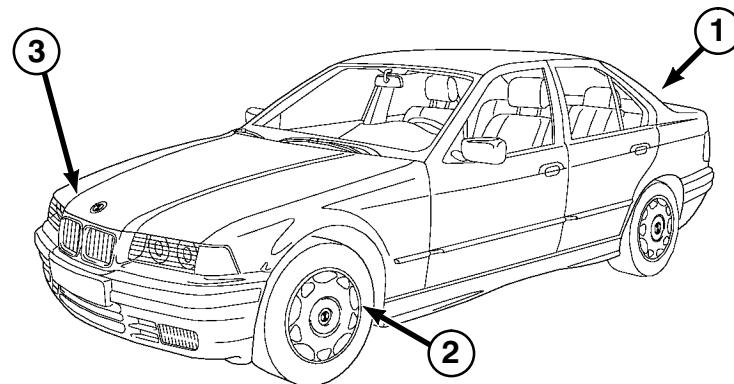


\* RH SIMILAR

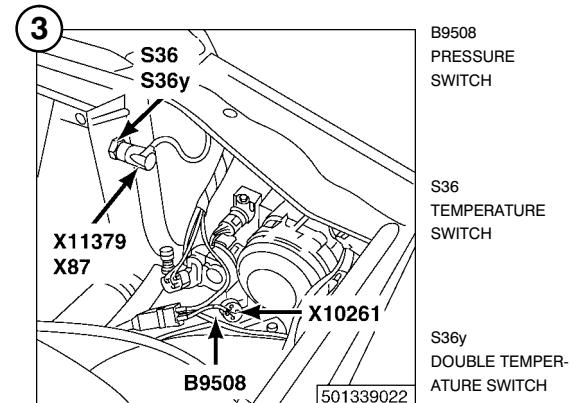


\* RH SIMILAR

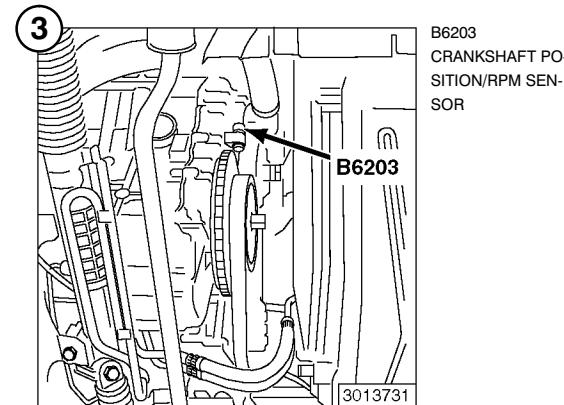
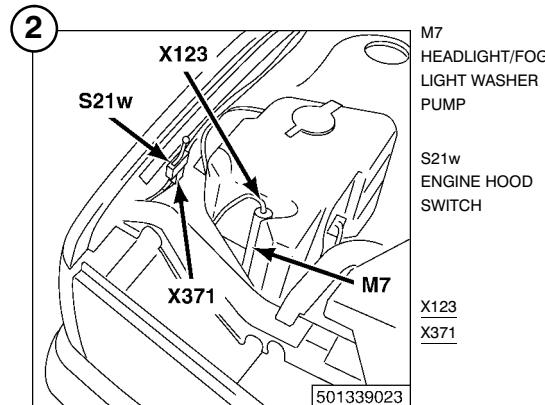
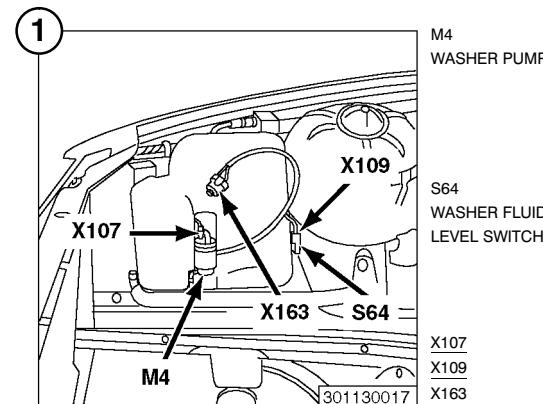
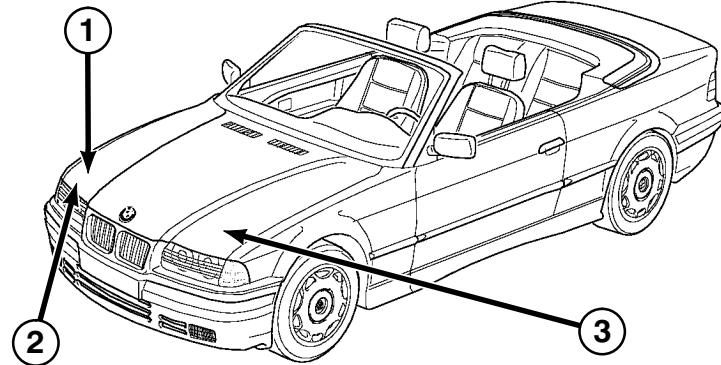
## COMPONENT LOCATION VIEWS



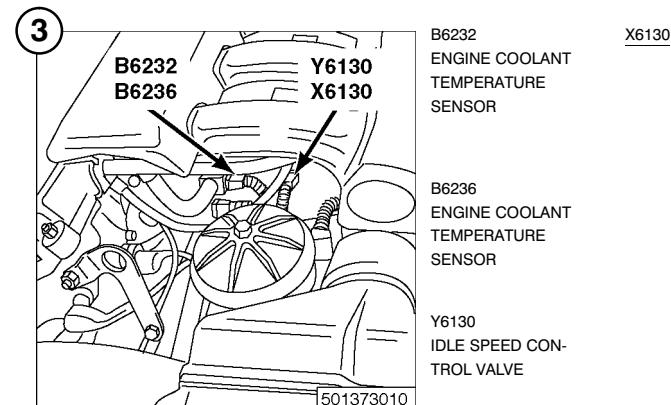
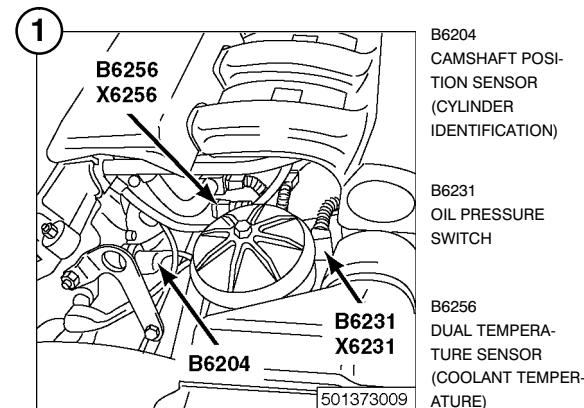
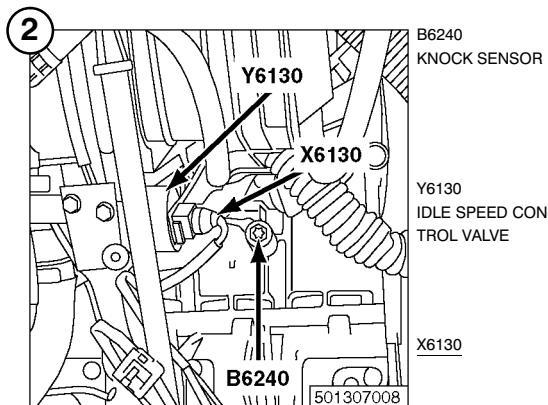
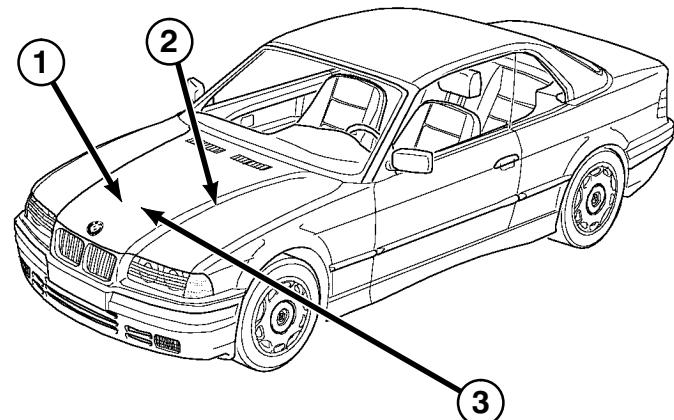
\* RH SIMILAR



## COMPONENT LOCATION VIEWS



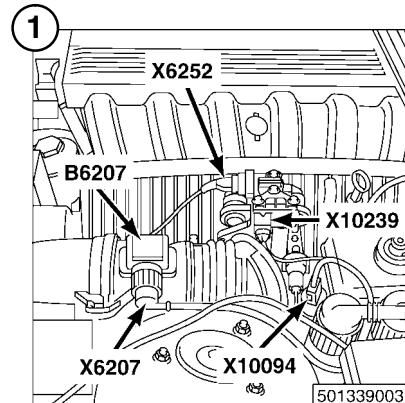
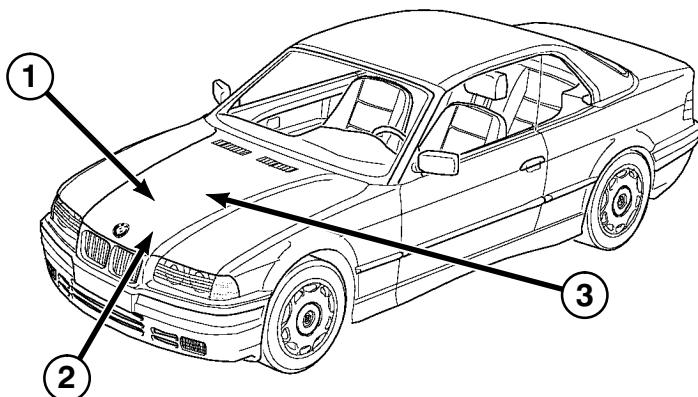
## COMPONENT LOCATION VIEWS



## COMPONENT LOCATION VIEWS

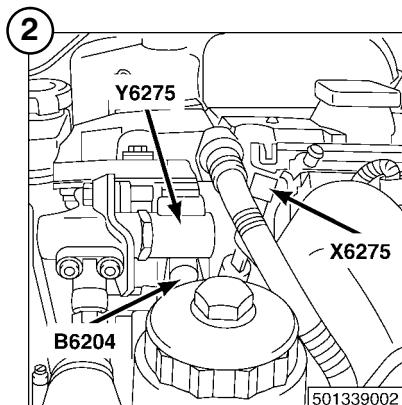
03/98

7100.0-12



B6207  
HOT FILM AIR  
MASS METER

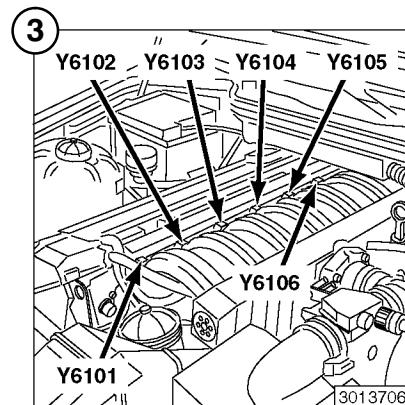
X6207  
X6252  
X10094  
X10239



B6204  
CAMSHAFT POSI-  
TION SENSOR  
(CYLINDER IDEN-  
TIFICATION)

Y6275  
VARIABLE CAM-  
SHAFT CONTROL  
VALVE 1

X6275



Y6101  
CYL. 1 FUEL IN-  
JECTION VALVE

Y6102  
CYL. 2 FUEL IN-  
JECTION VALVE

Y6103  
CYL. 3 FUEL IN-  
JECTION VALVE

Y6104  
CYL. 4 FUEL IN-  
JECTION VALVE

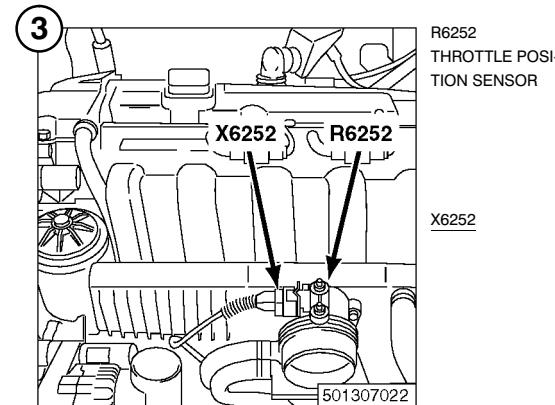
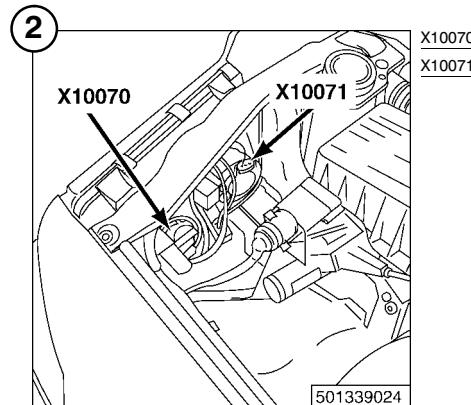
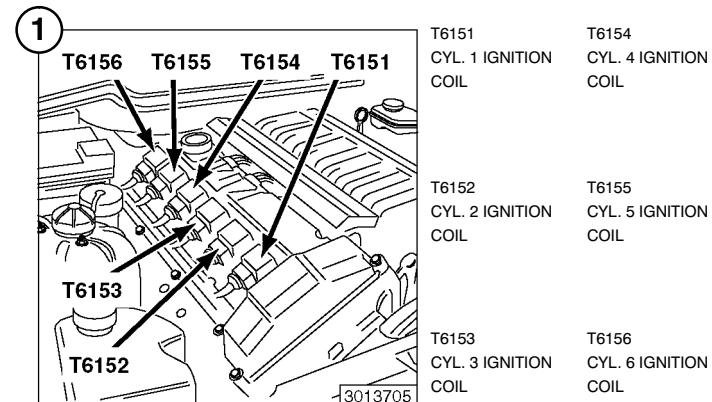
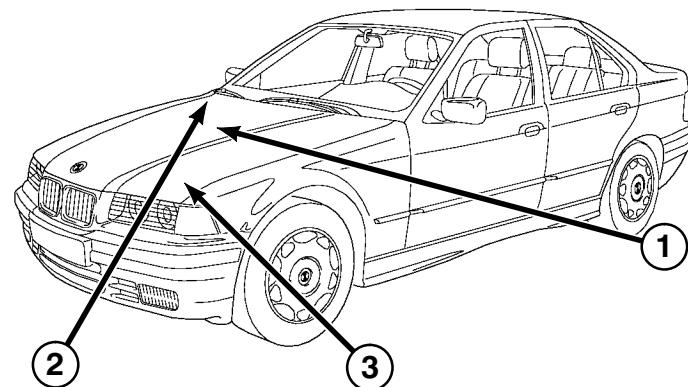
Y6105  
CYL. 5 FUEL IN-  
JECTION VALVE

Y6106  
CYL. 6 FUEL IN-  
JECTION VALVE

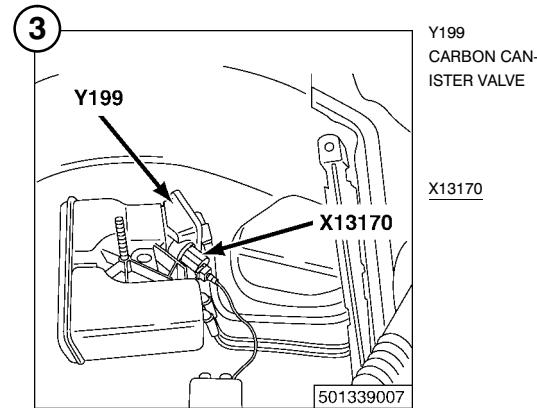
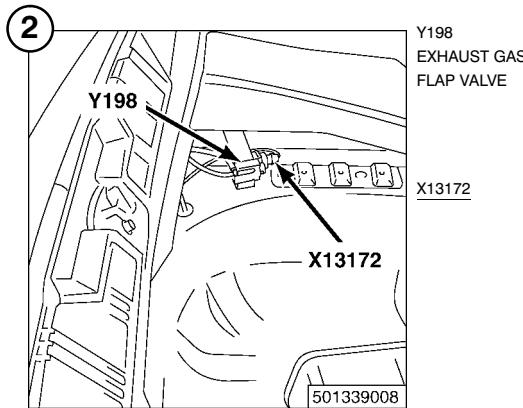
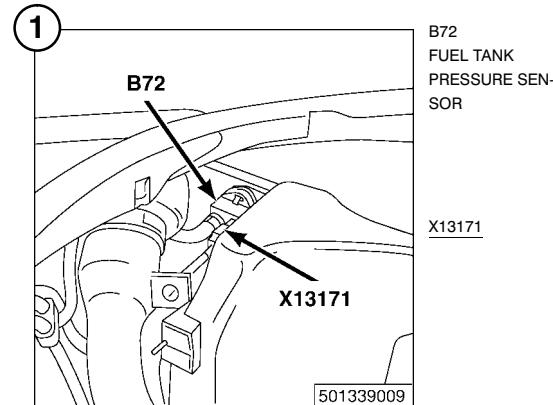
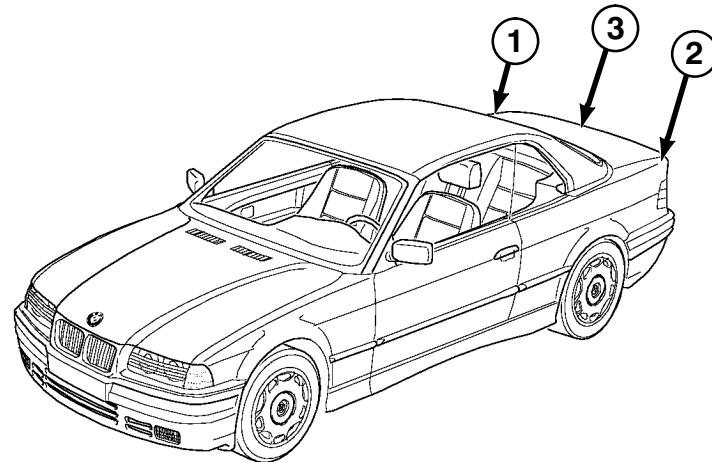
## COMPONENT LOCATION VIEWS

03/98

7100.0-13



## COMPONENT LOCATION VIEWS

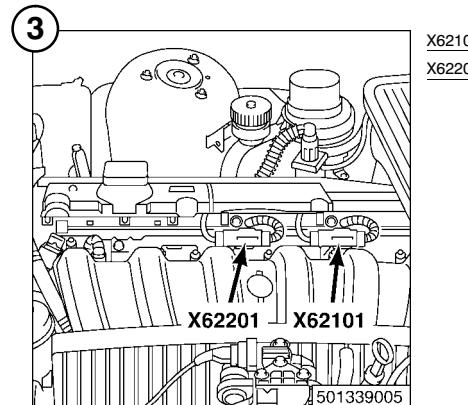
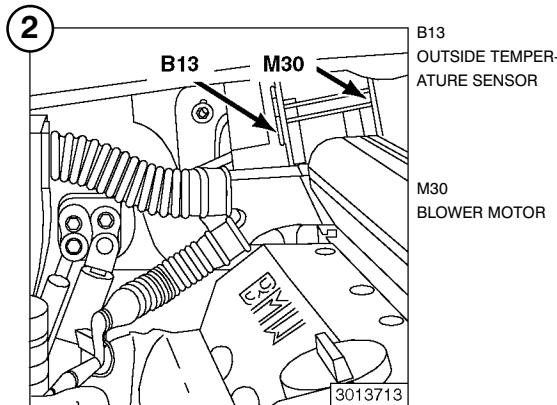
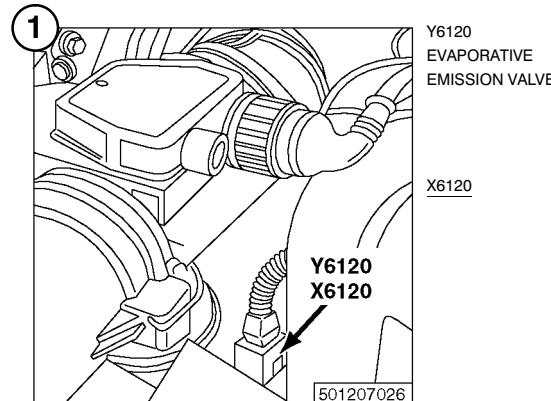
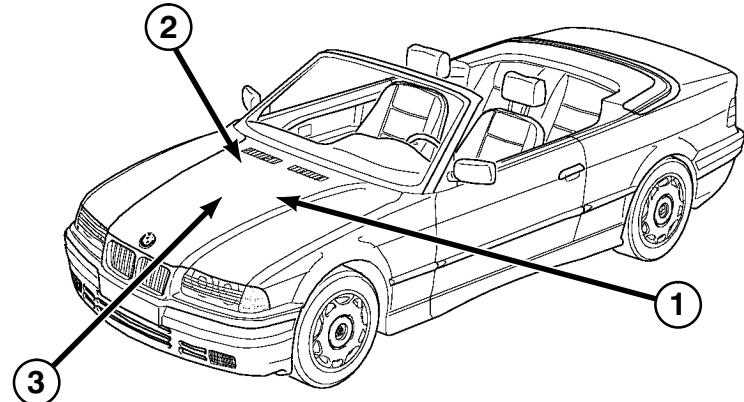


## COMPONENT LOCATION VIEWS

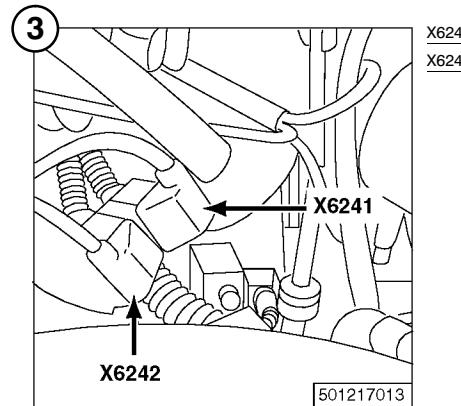
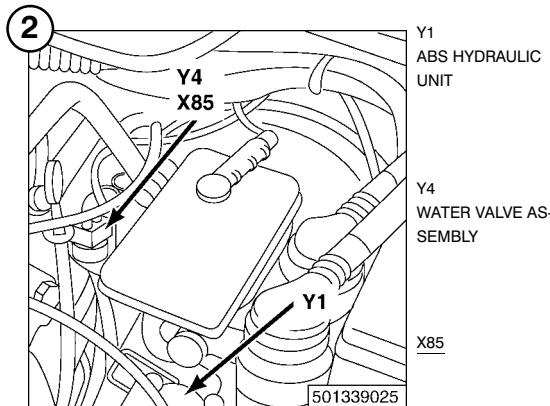
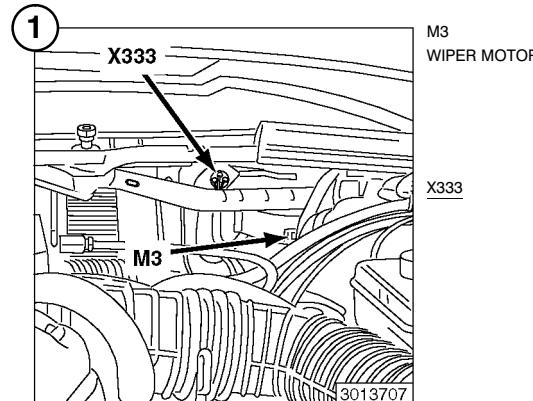
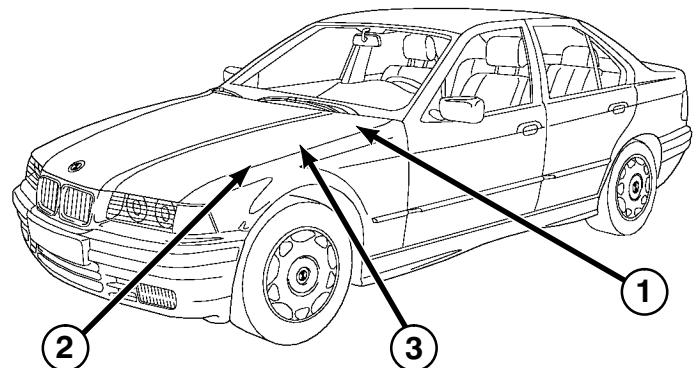
03/98

7100.0-15

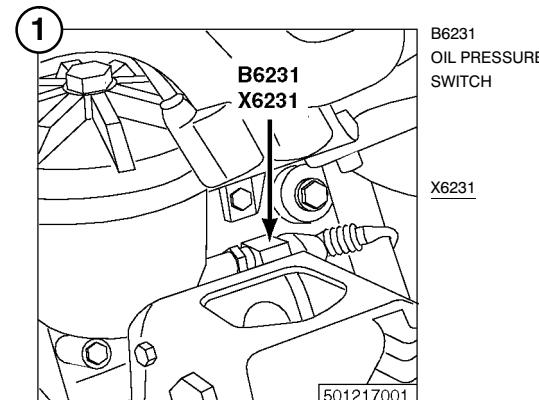
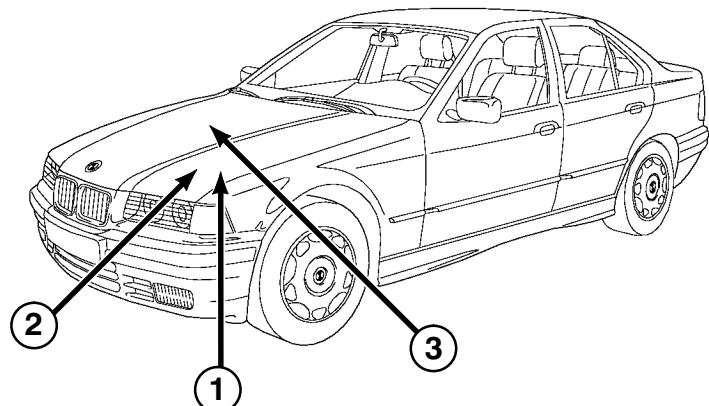
1997



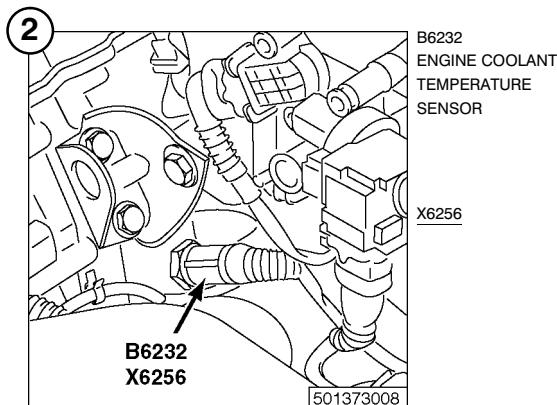
## COMPONENT LOCATION VIEWS



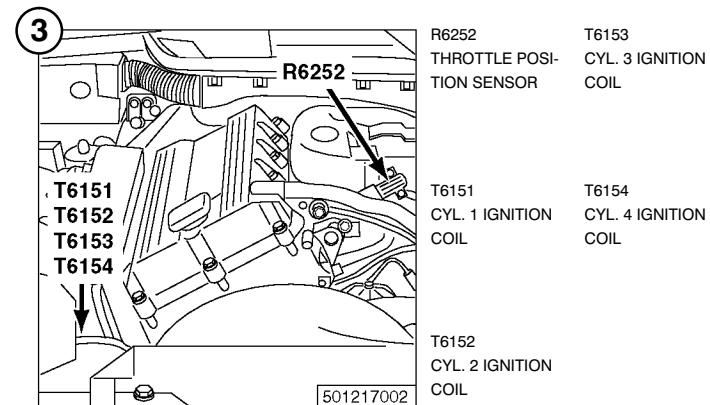
## COMPONENT LOCATION VIEWS



318is

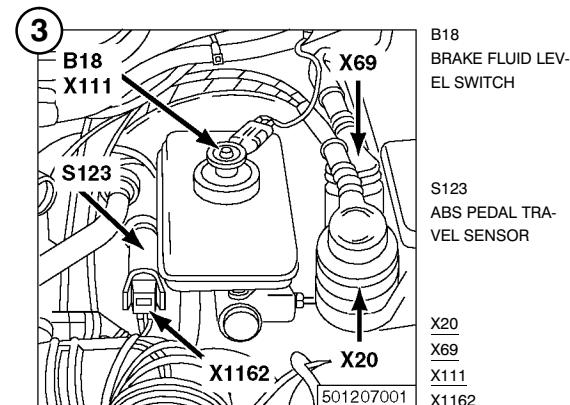
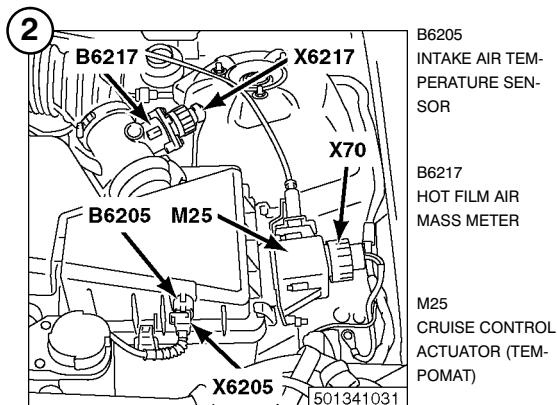
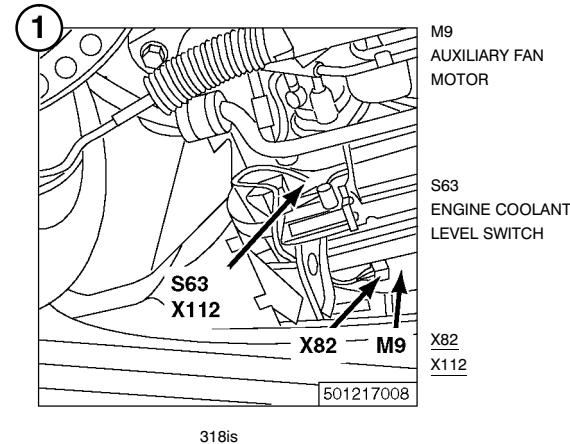
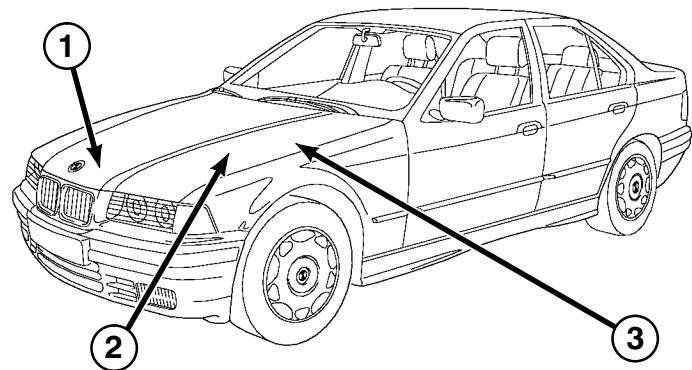


318is

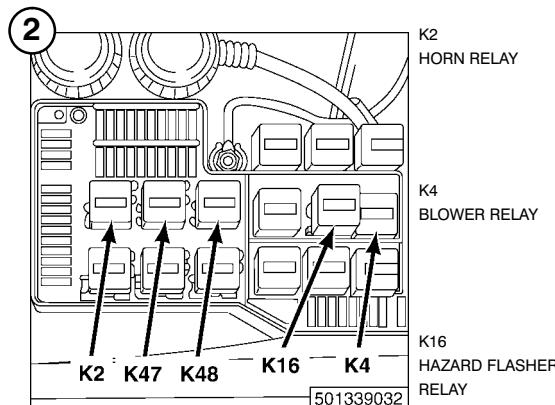
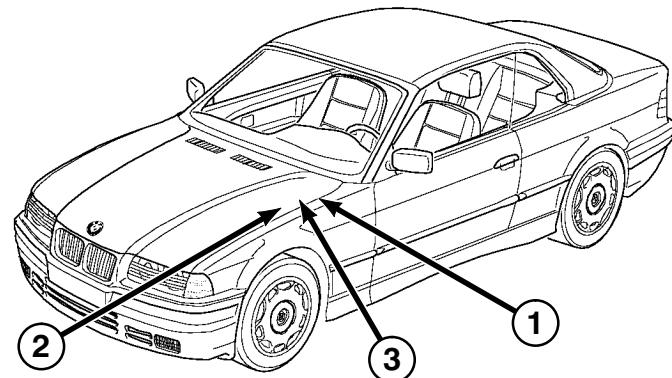


318is

## COMPONENT LOCATION VIEWS



## COMPONENT LOCATION VIEWS

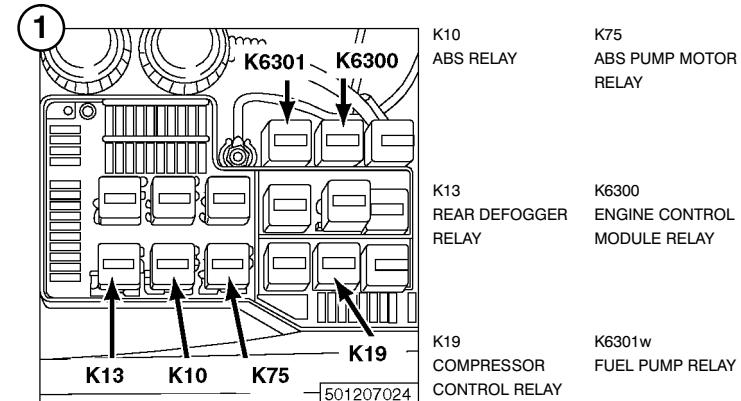


K2 HORN RELAY  
K47 FRONT FOG LIGHT  
RELAY

K4 BLOWER RELAY

K48 LOW BEAM LIGHT  
RELAY

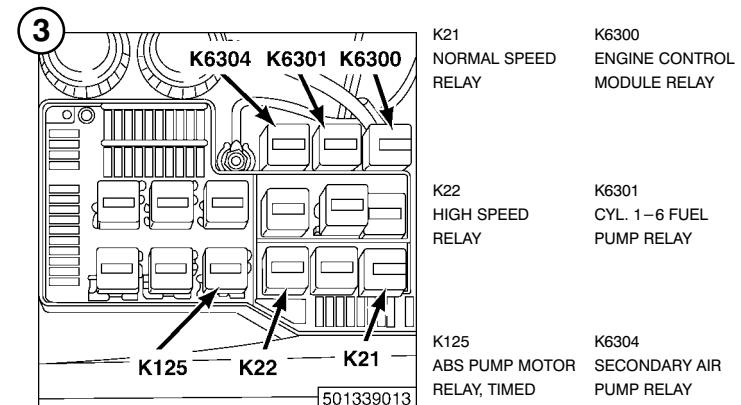
K16 HAZARD FLASHER  
RELAY



K10 ABS RELAY  
K75 ABS PUMP MOTOR  
RELAY

K13 REAR DEFOGGER  
RELAY

K19 COMPRESSOR  
CONTROL RELAY  
K6301w FUEL PUMP RELAY

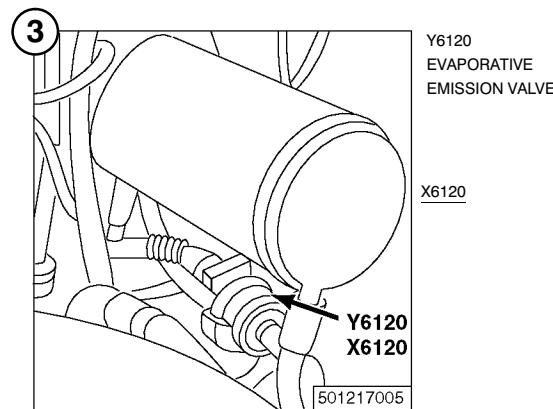
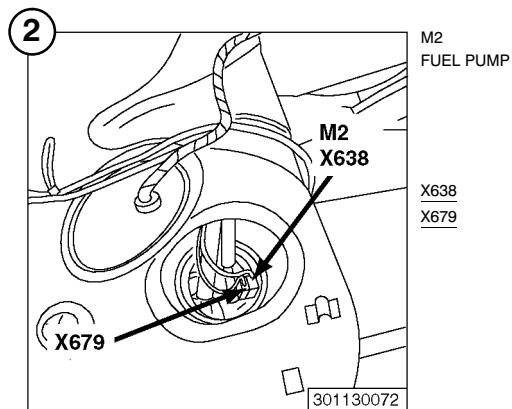
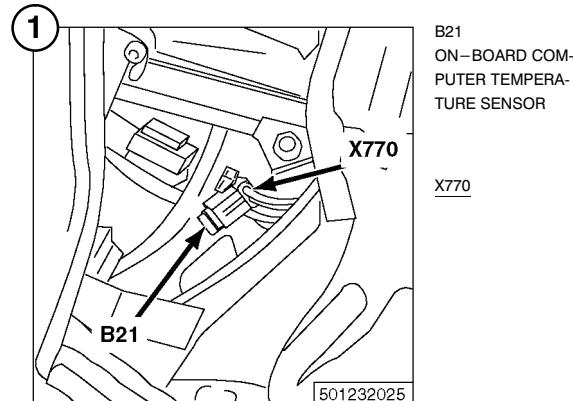
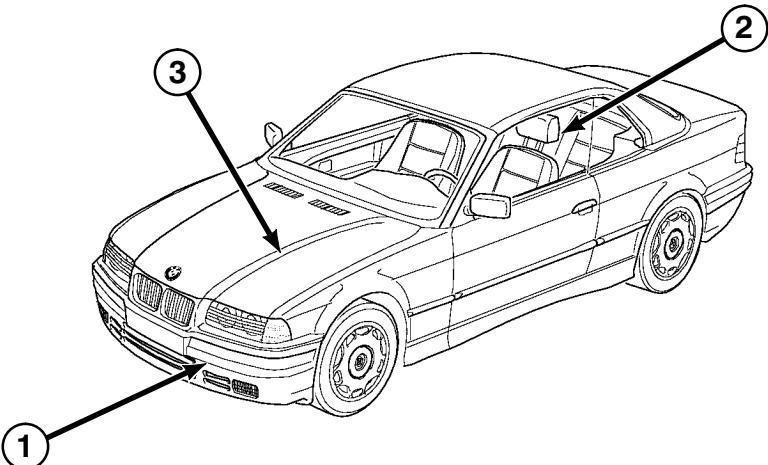


K21 NORMAL SPEED  
RELAY

K22 HIGH SPEED  
RELAY

K125 ABS PUMP MOTOR  
RELAY, TIMED

## COMPONENT LOCATION VIEWS

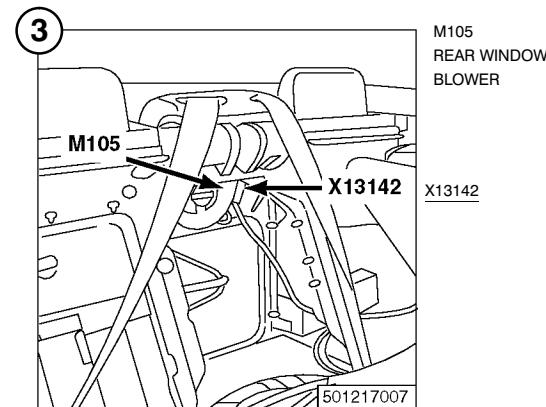
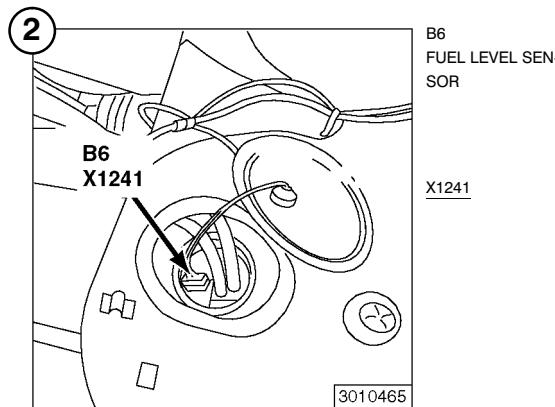
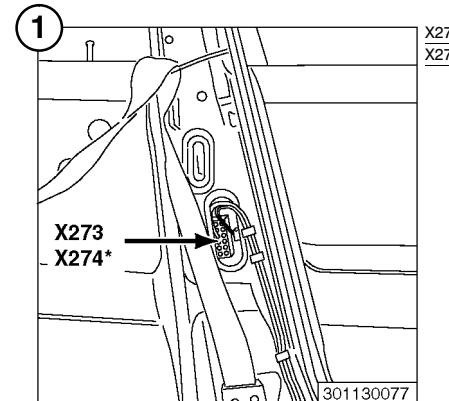
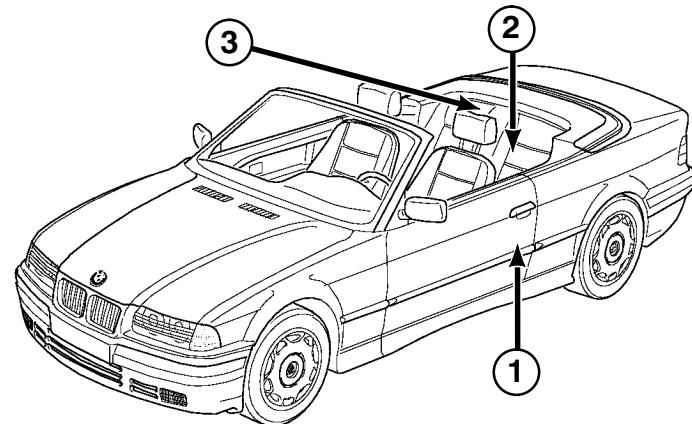


## COMPONENT LOCATION VIEWS

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7100.0-21

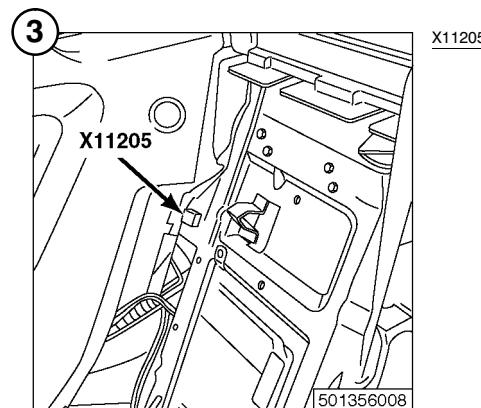
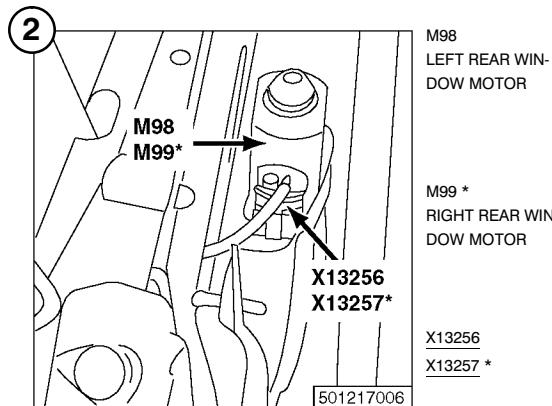
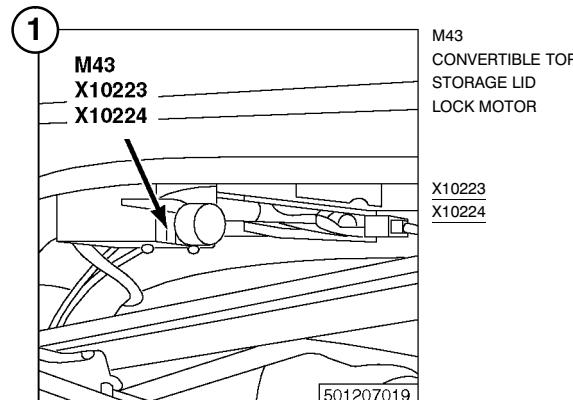
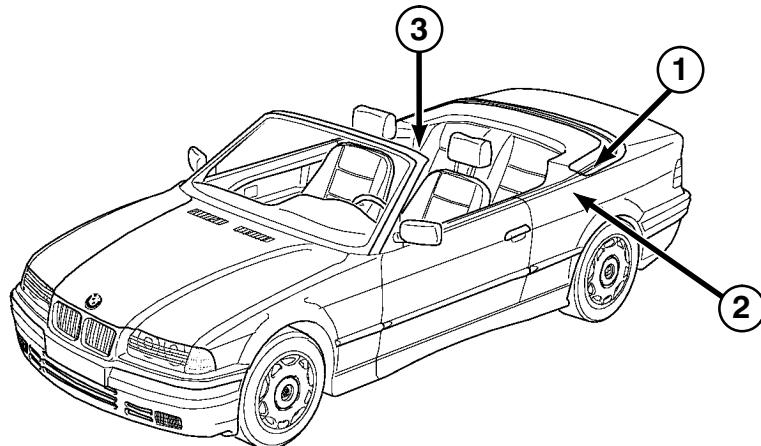
1997

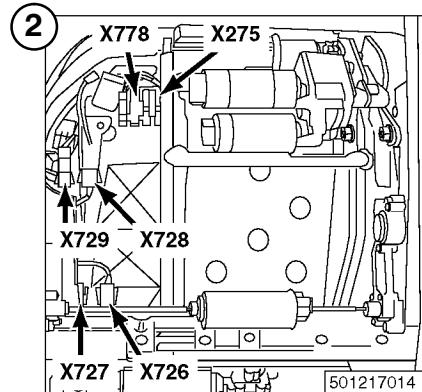
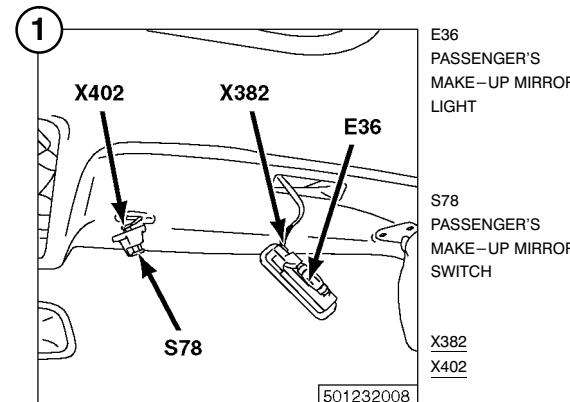
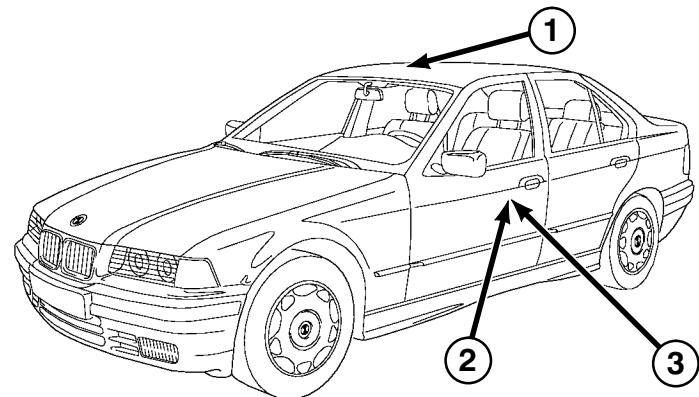


## COMPONENT LOCATION VIEWS

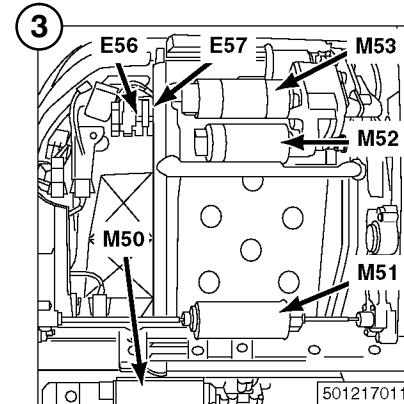
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X275  
X726  
X727  
X728  
X729  
X778

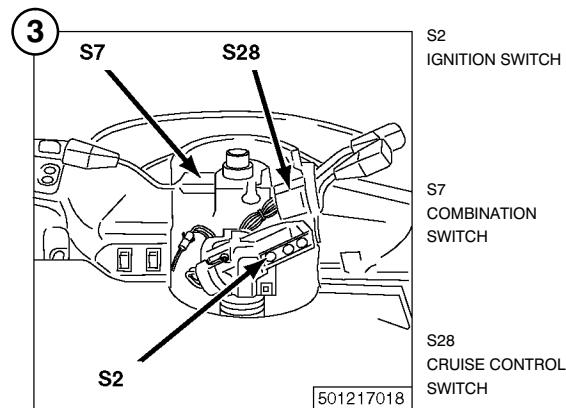
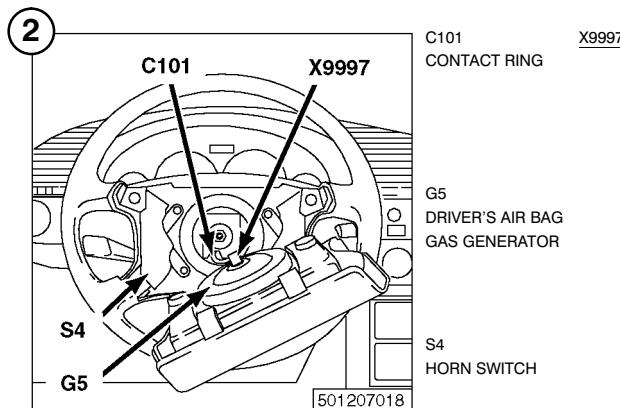
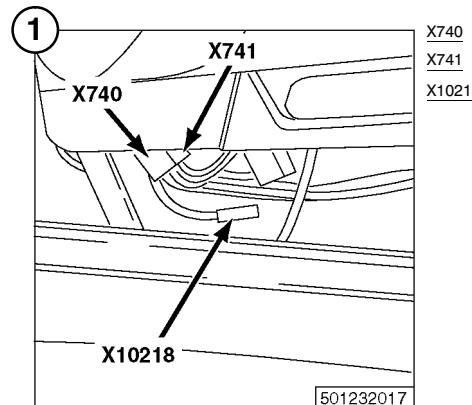
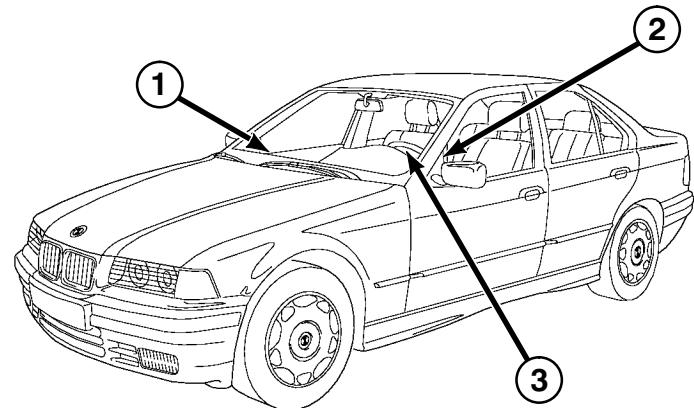


E56	M51
DRIVER'S SEAT- BACK HEATER	DRIVER'S SEAT MOVEMENT MO- TOR
E57	M52
DRIVER'S SEAT HEATER	DRIVER'S SEAT HEIGHT MOTOR
M50	M53
DRIVER'S SEAT CUSHION TILT MO- TOR	DRIVER'S SEAT- BACK RECLINER MOTOR

## COMPONENT LOCATION VIEWS

03/98

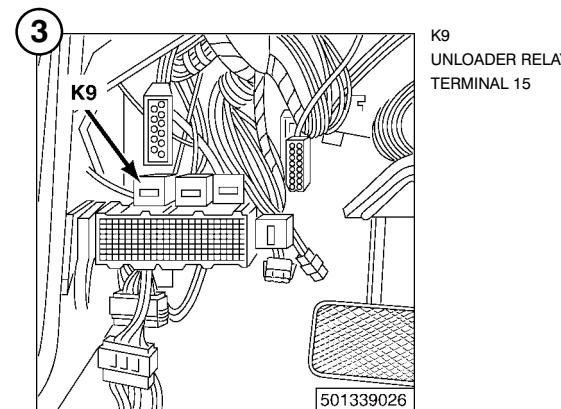
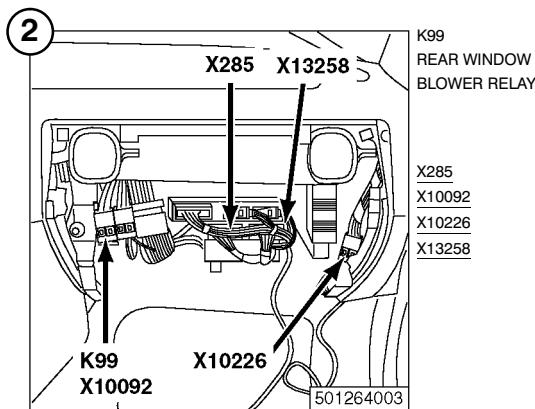
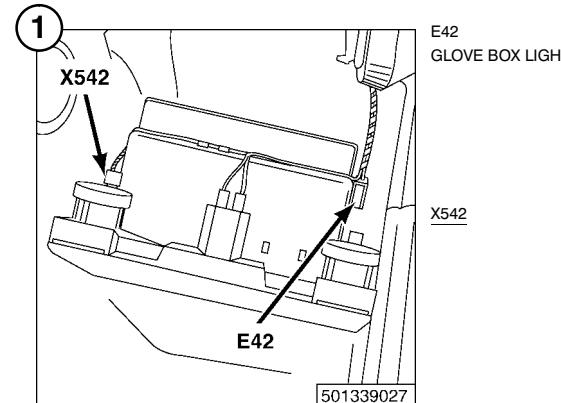
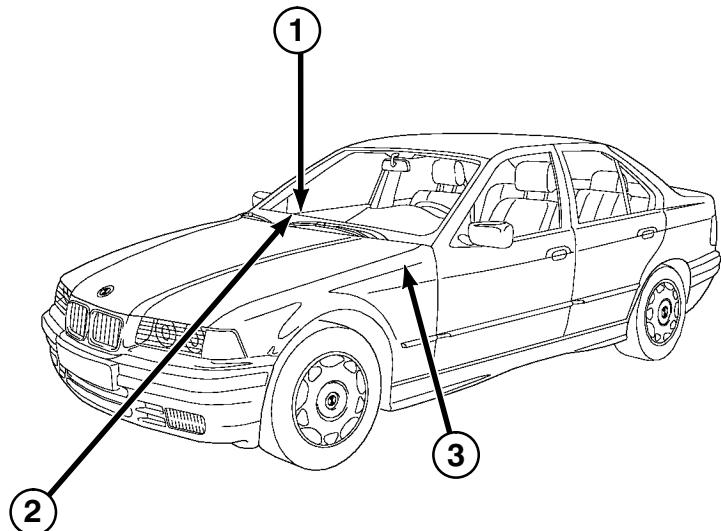
7100.0-24



## COMPONENT LOCATION VIEWS

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7100.0-25

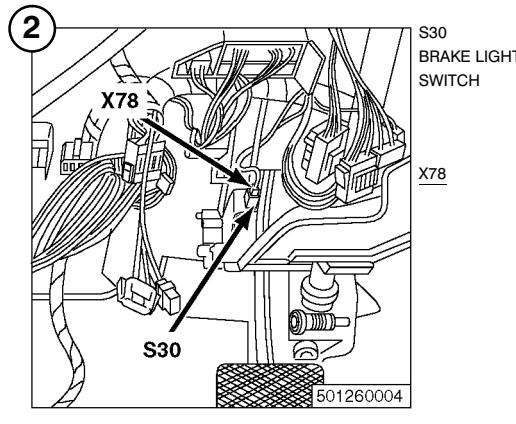
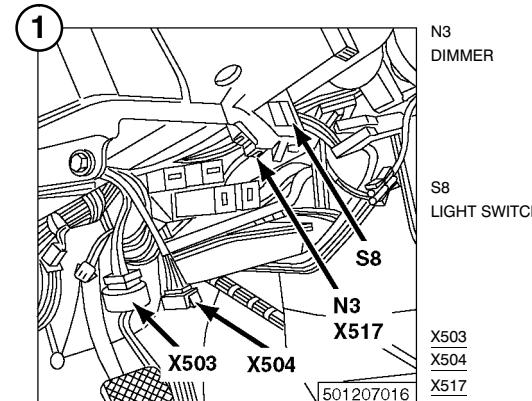
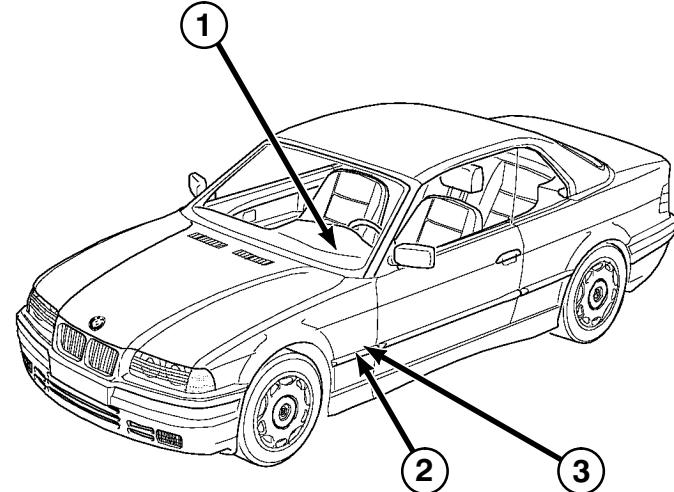


## COMPONENT LOCATION VIEWS

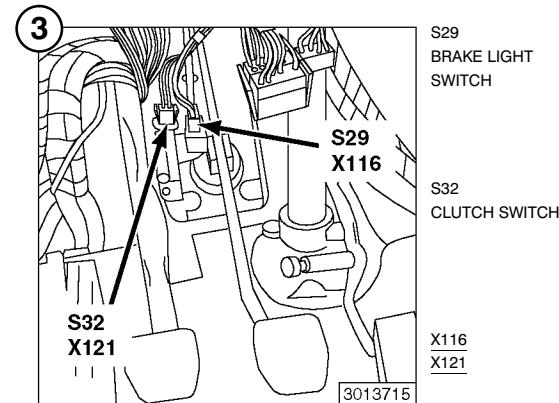
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7100.0-26

1997



AUTOMATIC



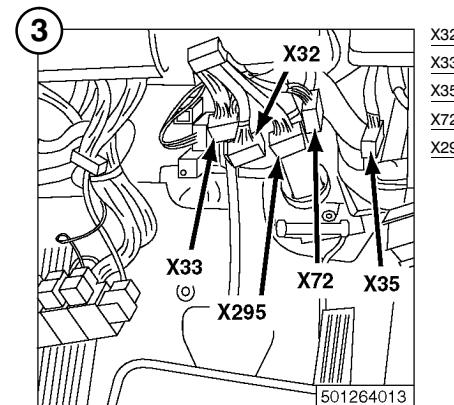
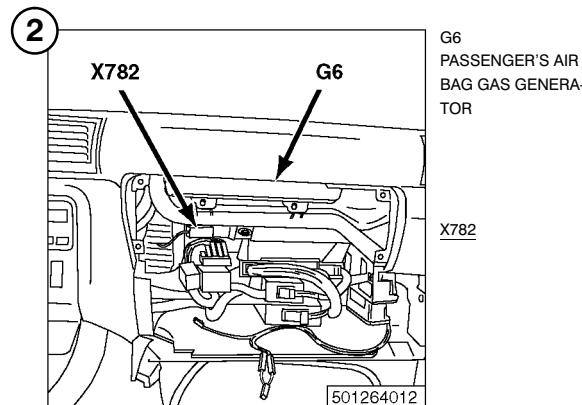
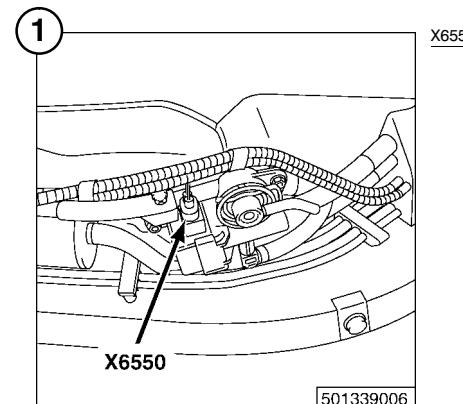
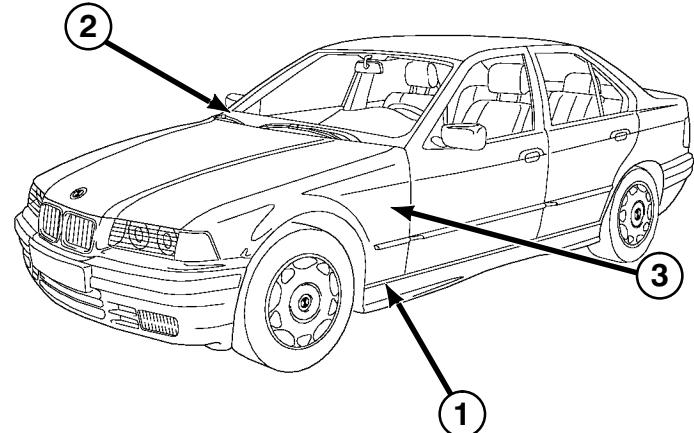
MANUAL

## COMPONENT LOCATION VIEWS

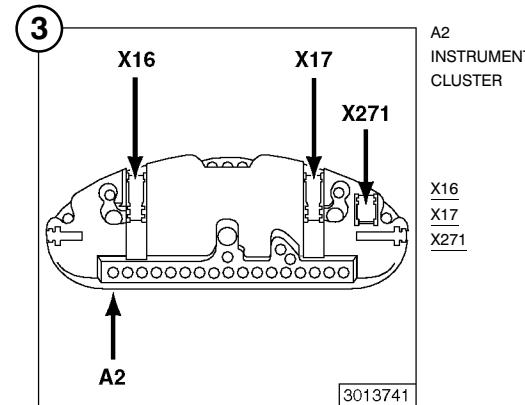
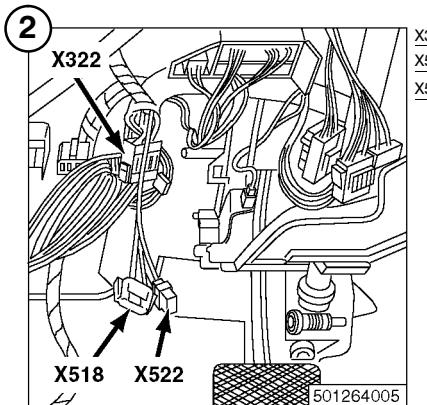
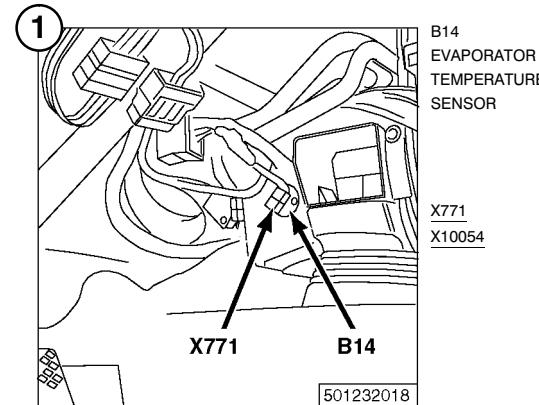
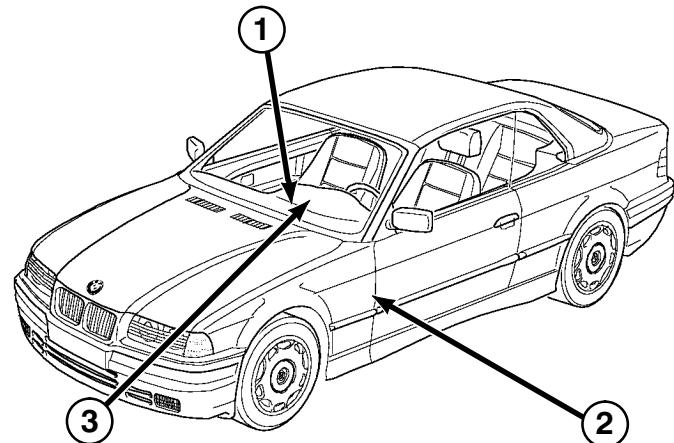
03/98

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1997



## COMPONENT LOCATION VIEWS

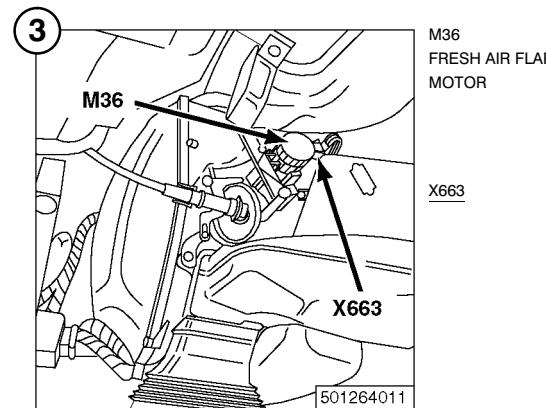
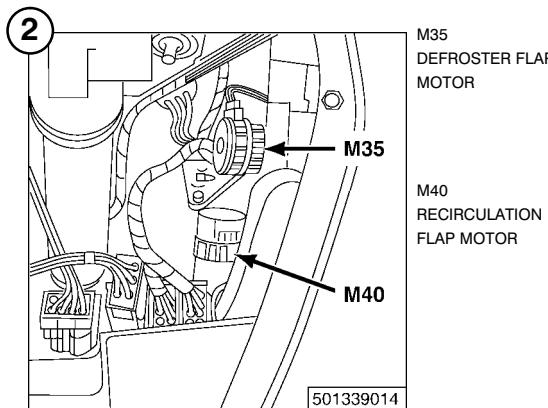
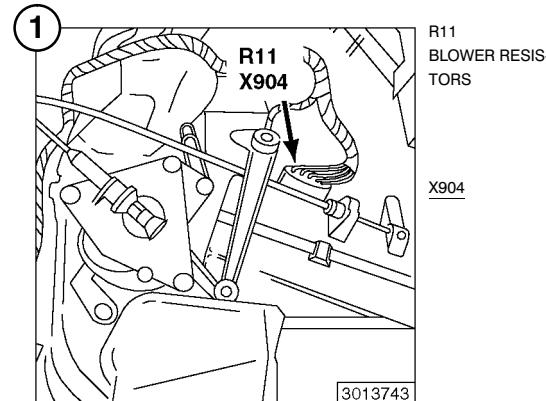
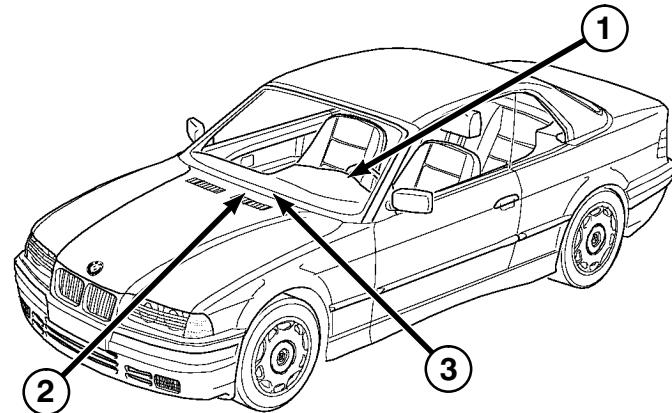


## COMPONENT LOCATION VIEWS

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7100.0-29

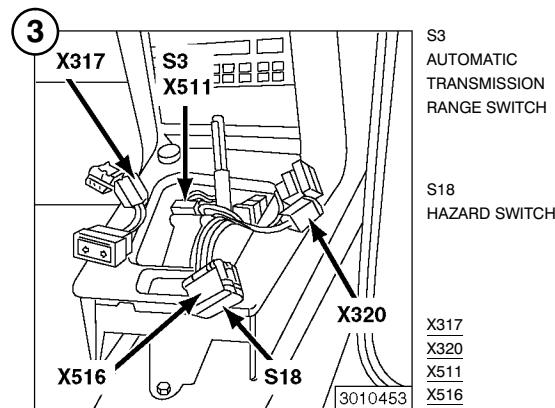
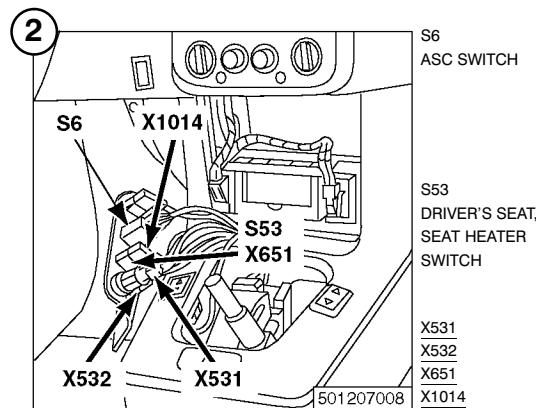
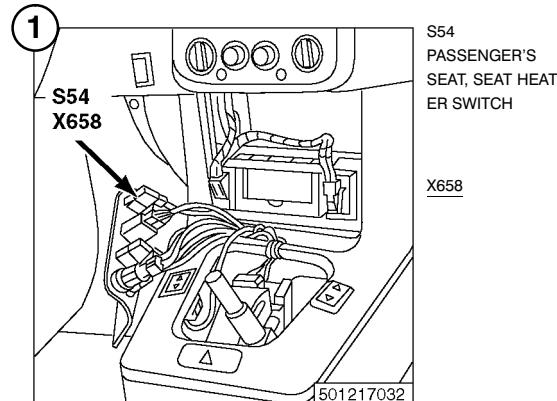
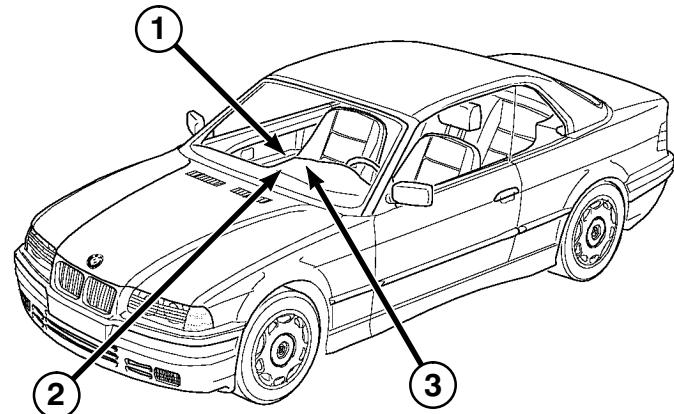
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## COMPONENT LOCATION VIEWS

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7100.0-30

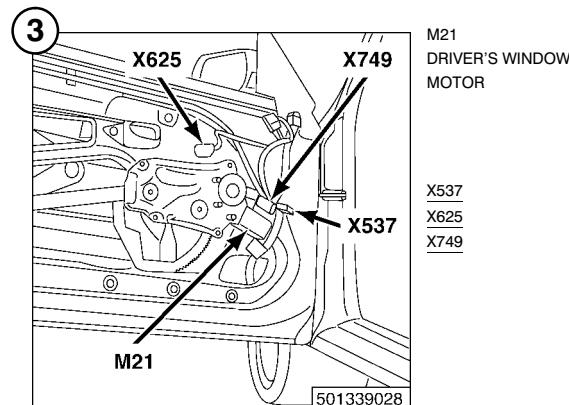
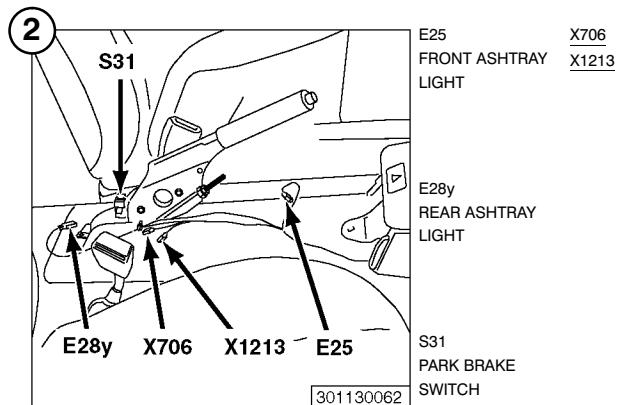
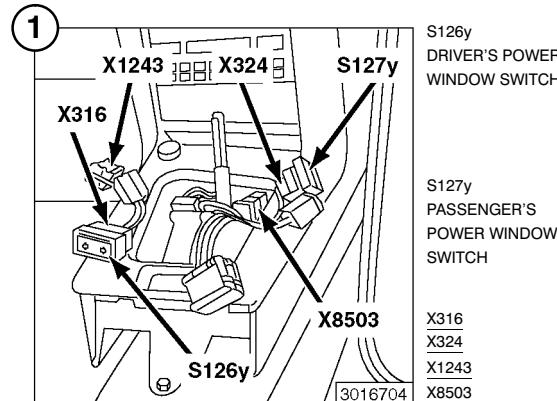
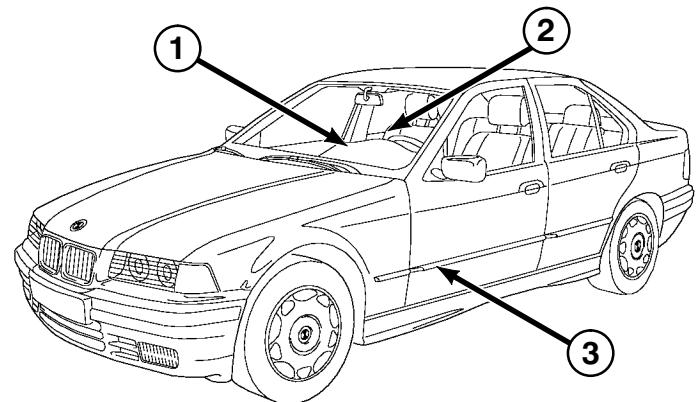


## COMPONENT LOCATION VIEWS

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7100.0-31

1997

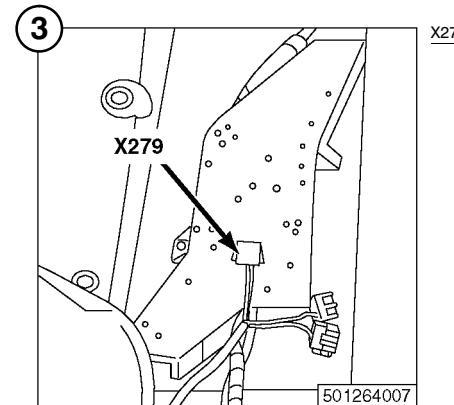
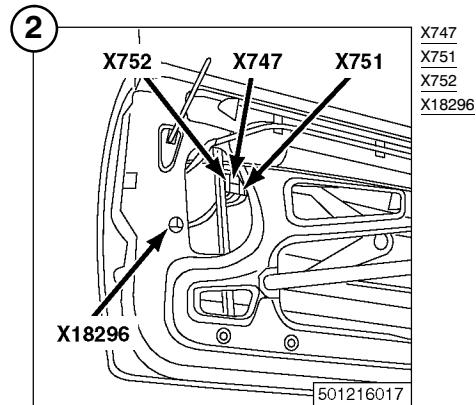
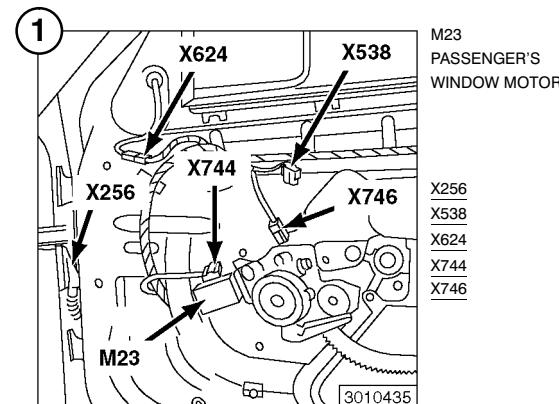
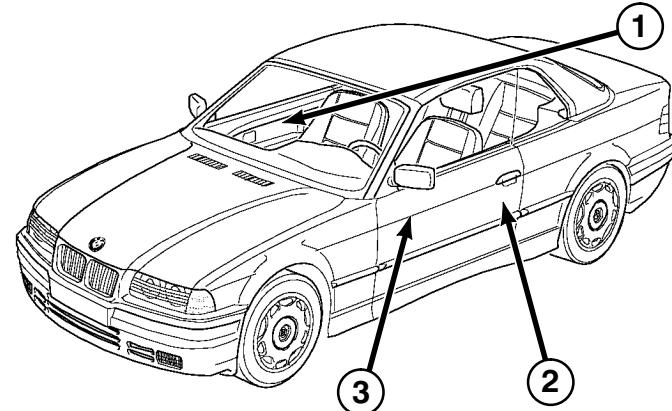


## COMPONENT LOCATION VIEWS

03/98

7100.0-32

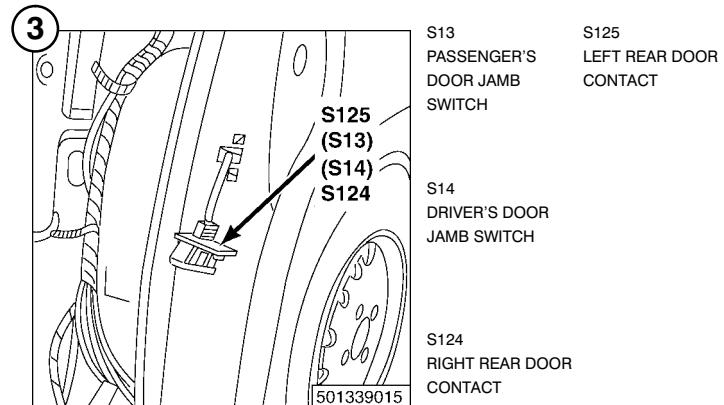
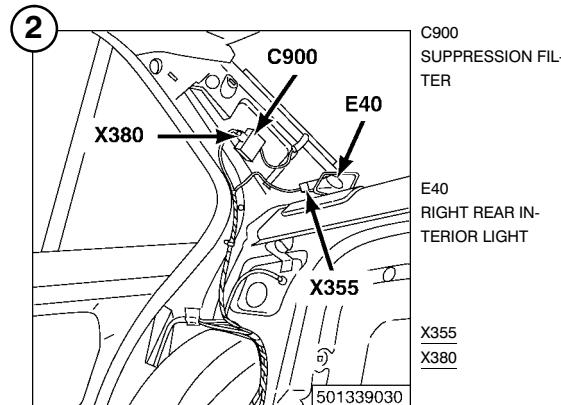
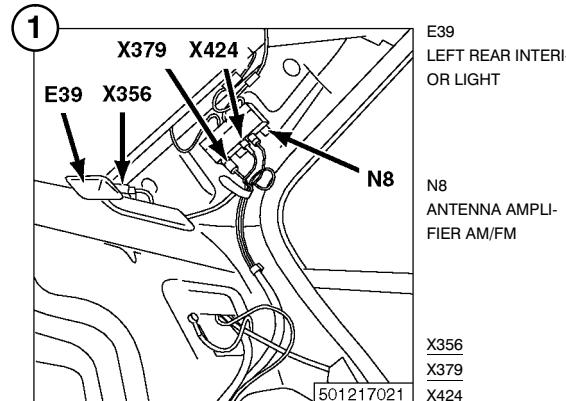
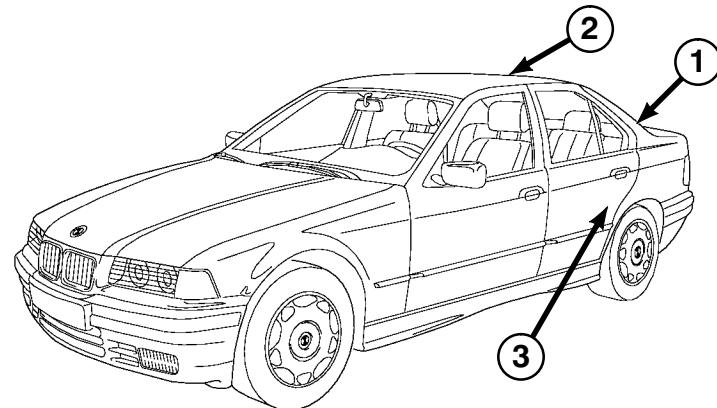
1997



## COMPONENT LOCATION VIEWS

03/98

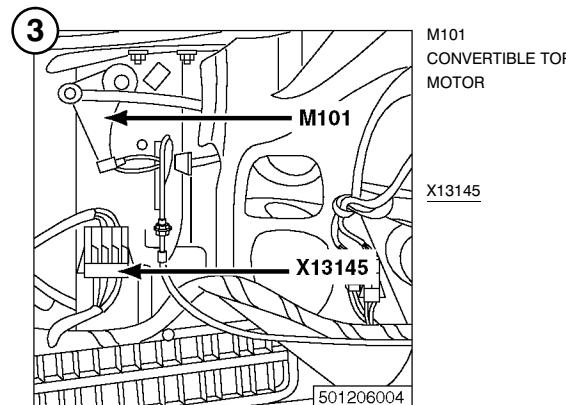
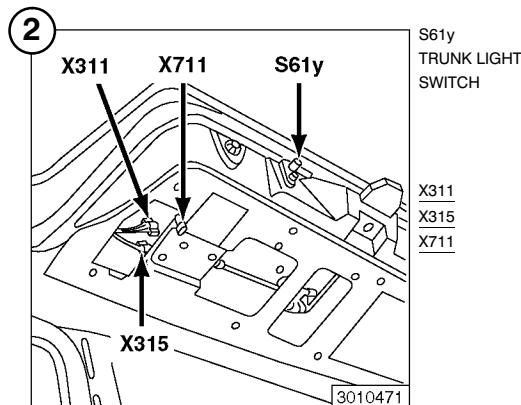
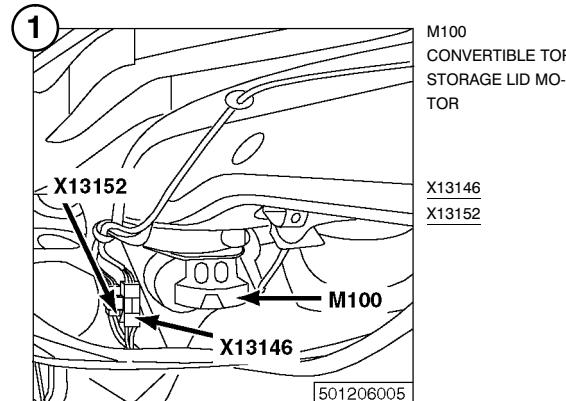
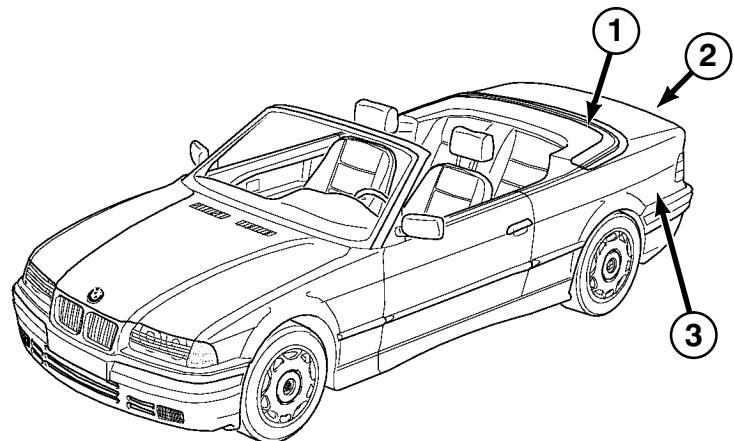
7100.0-33



## COMPONENT LOCATION VIEWS

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7100.0-34

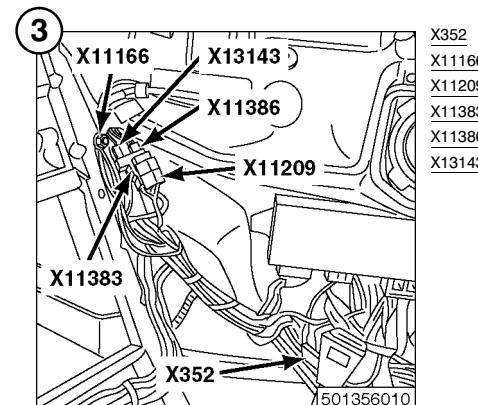
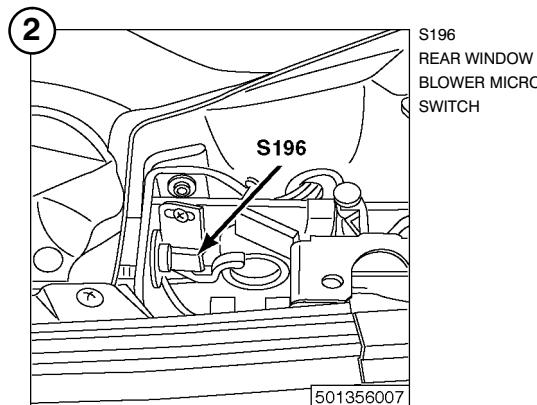
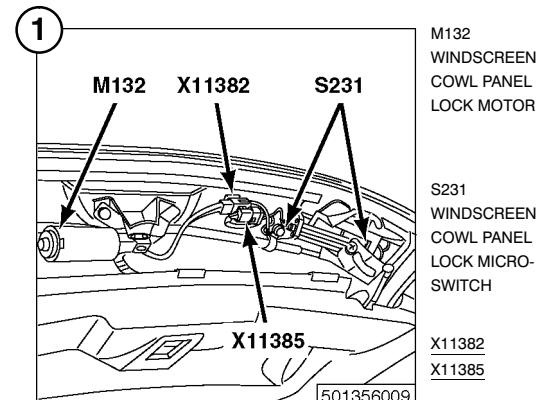
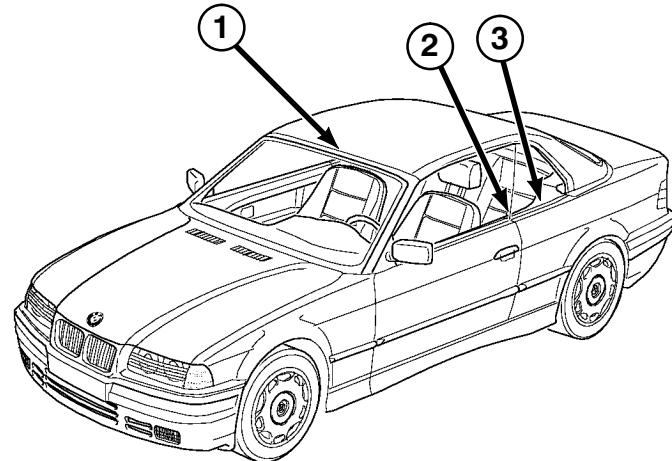


## COMPONENT LOCATION VIEWS

03/03/08

7100.0-35

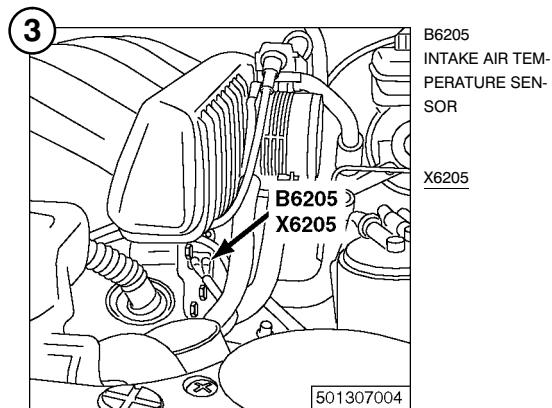
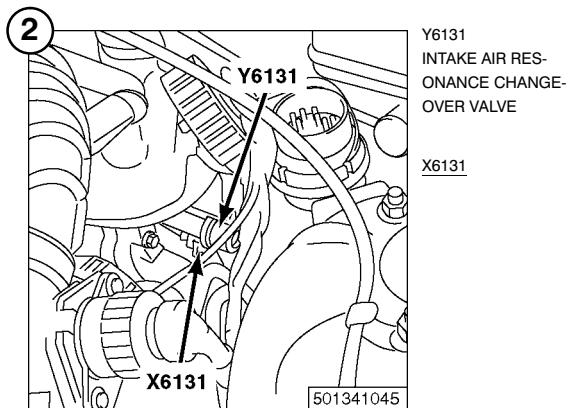
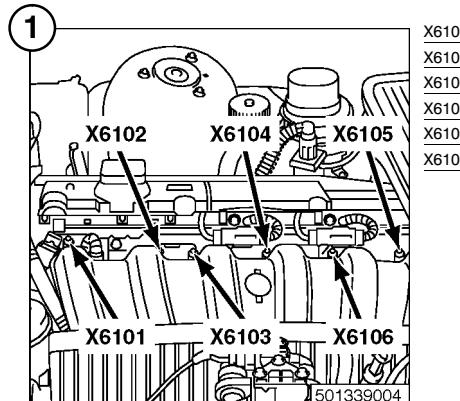
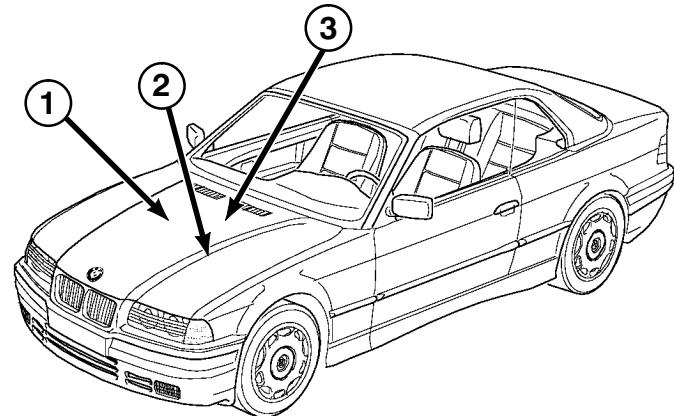
1997



## COMPONENT LOCATION VIEWS

03/98

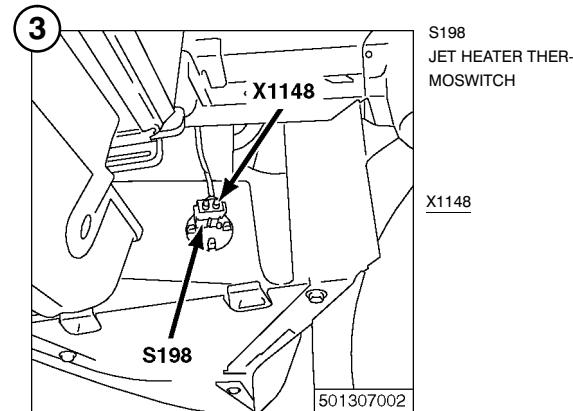
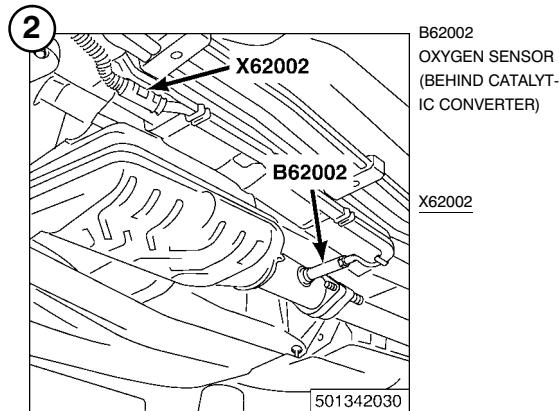
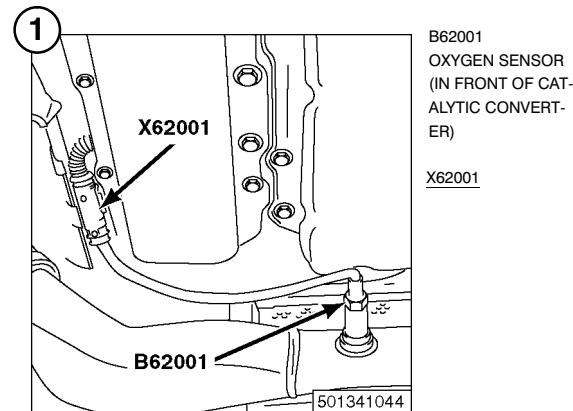
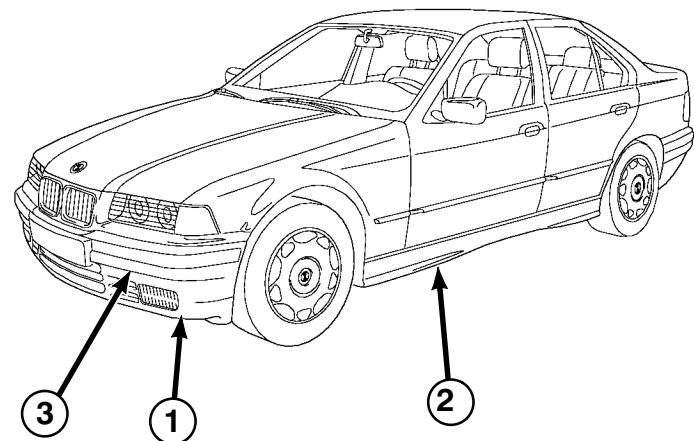
7100.0-36



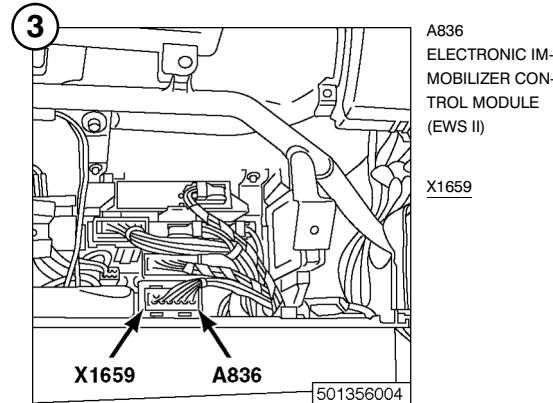
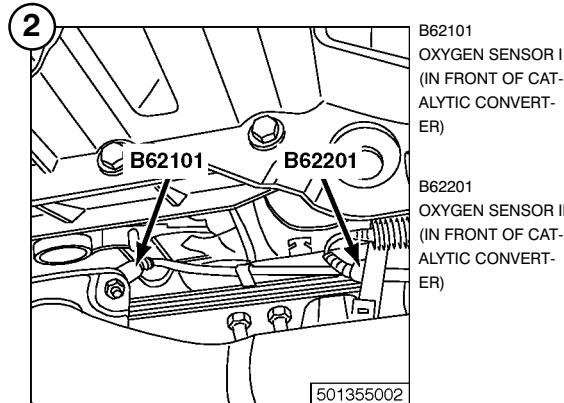
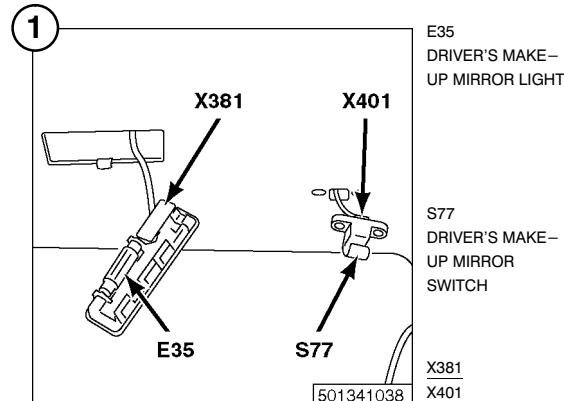
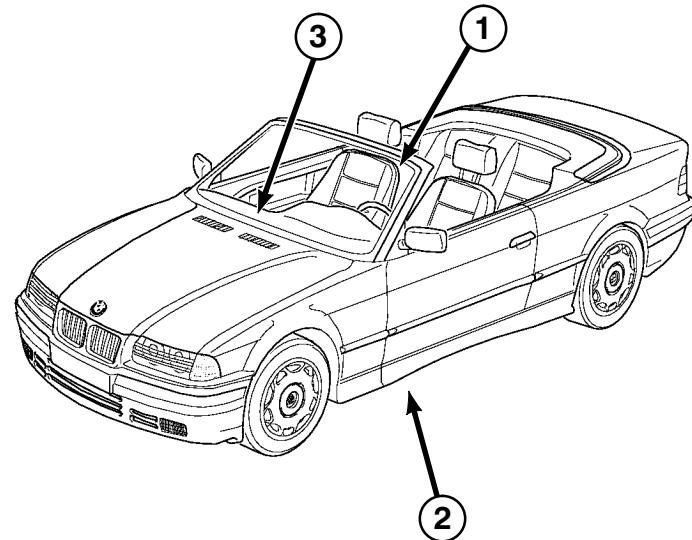
## COMPONENT LOCATION VIEWS

03/98

7100.0-37



## COMPONENT LOCATION VIEWS

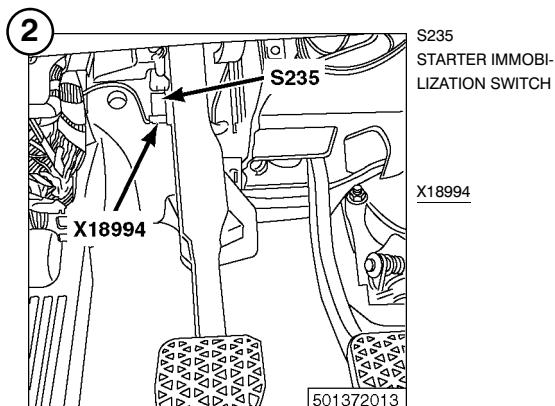
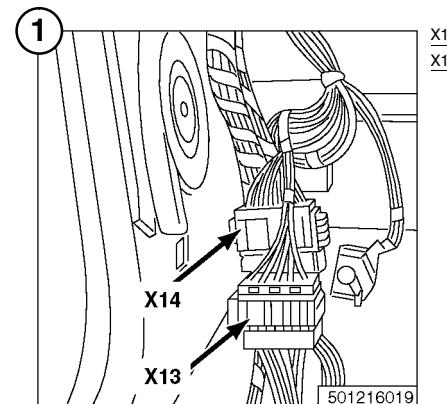
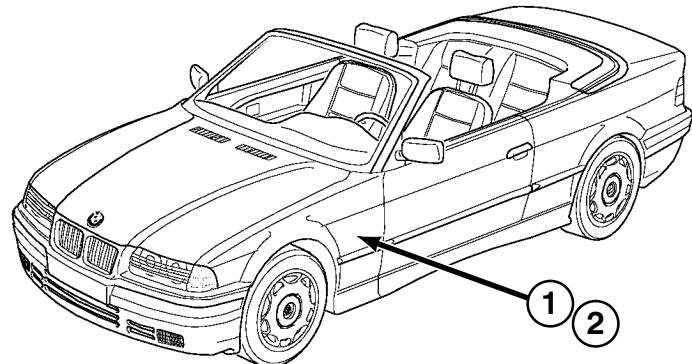


## COMPONENT LOCATION VIEWS

03/98

7100.0-39

1997





## SPLICE LOCATION VIEWS

03/98

8000.0-00

SPLICE	HARNESS	PAGE NUMBER	SPLICE	HARNESS	PAGE NUMBER
X181-X276 .....	FRONT .....	8000.0-02	X1387-X1396 .....	REAR .....	8000.0-03
X313-X314 .....	REAR .....	8000.0-03	X1387-X1396 .....	REAR, CONVERTIBLE .....	8000.0-04
X313-X314 .....	REAR, CONVERTIBLE .....	8000.0-04	X1541-X1693 .....	FRONT .....	8000.0-02
X428-X481 .....	REAR .....	8000.0-03	X1894-X2152 .....	REAR .....	8000.0-03
X428-X481 .....	REAR, CONVERTIBLE .....	8000.0-04	X2152 .....	REAR, CONVERTIBLE .....	8000.0-04
X530-X595 .....	FRONT .....	8000.0-02	X6410-X6492 .....	M44 ENGINE .....	8000.0-05
X805 .....	REAR .....	8000.0-03	X6411-X6492 .....	M3 ENGINE .....	8000.0-06
X805 .....	REAR, CONVERTIBLE .....	8000.0-04	X6411-X6492 .....	M52 ENGINE .....	8000.0-07
X818 .....	IHK/A .....	NOT SHOWN	X6810-X6900 .....	M3 ENGINE .....	8000.0-06
X824-X830 .....	RADIO .....	NOT SHOWN	X6810-X6900 .....	M52 ENGINE .....	8000.0-07
X834 .....	LH REAR DOOR .....	NOT SHOWN	X6820-X6900 .....	M44 ENGINE .....	8000.0-05
X835 .....	RH REAR DOOR .....	NOT SHOWN	X7845-X7846 .....	M44 ENGINE .....	8000.0-05
X849 .....	DRIVER'S DOOR .....	NOT SHOWN	X8000-X8576 .....	M3 ENGINE .....	8000.0-06
X876-X878 .....	RADIO .....	NOT SHOWN	X8000-X8776 .....	M52 ENGINE .....	8000.0-07
X906 .....	IHK/A .....	NOT SHOWN	X8004-X8576 .....	M44 ENGINE .....	8000.0-05
X942 .....	PASSENGER'S DOOR .....	NOT SHOWN	X10007-X10104 .....	FRONT .....	8000.0-02
X1015-X1164 .....	FRONT .....	8000.0-02	X10118 .....	REAR .....	8000.0-03
X1149 .....	FRONT .....	8000.0-02	X10118 .....	REAR, CONVERTIBLE .....	8000.0-04
X1167 .....	REAR .....	8000.0-03	X10120-X10123 .....	FRONT .....	8000.0-02
X1168-X1192 .....	FRONT .....	8000.0-02	X10169 .....	M44 ENGINE .....	8000.0-05
X1212-X1218 .....	REAR .....	8000.0-03	X10189 .....	REAR, CONVERTIBLE .....	8000.0-04
X1212-X1235 .....	REAR, CONVERTIBLE .....	8000.0-04	X10191-X10192 .....	FRONT .....	8000.0-02
X1225-X1233 .....	FRONT .....	8000.0-02	X10228-X10292 .....	REAR, CONVERTIBLE .....	8000.0-04
X1226-X1235 .....	REAR .....	8000.0-03	X10231-X10252 .....	FRONT .....	8000.0-02
X1258 .....	FRONT .....	8000.0-02	X10269 .....	REAR .....	8000.0-03
X1263 .....	REAR, CONVERTIBLE .....	8000.0-04	X10269 .....	REAR, CONVERTIBLE .....	8000.0-04
X1263-X1299 .....	REAR .....	8000.0-03	X10302 .....	FRONT .....	8000.0-02
X1382-X1383 .....	RADIO .....	NOT SHOWN	X11264 .....	FRONT .....	8000.0-02

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## SPLICE LOCATION VIEWS

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SPLICE	HARNESS	PAGE NUMBER	SPLICE	HARNESS	PAGE NUMBER
X11269 .....	REAR .....	8000.0-03			
X11279 .....	REAR, CONVERTIBLE .....	8000.0-04			
X11282–X11381 .....	FRONT .....	8000.0-02			
X13000 .....	FRONT .....	8000.0-02			
X13002–X13011 .....	REAR .....	8000.0-03			
X13002–X13011 .....	REAR, CONVERTIBLE .....	8000.0-04			
X13021–X13115 .....	FRONT .....	8000.0-02			
X13127–X13273 .....	REAR, CONVERTIBLE .....	8000.0-04			
X13129–X13173 .....	REAR .....	8000.0-03			
X13282 .....	FRONT .....	8000.0-02			
X13289 .....	REAR .....	8000.0-03			
X13289 .....	REAR, CONVERTIBLE .....	8000.0-04			
X13300–X13304 .....	FRONT .....	8000.0-02			
X13309 .....	REAR .....	8000.0-03			
X13309 .....	REAR, CONVERTIBLE .....	8000.0-04			
X13311–X13313 .....	FRONT .....	8000.0-02			
X18160–X18161 .....	IHKA .....	NOT SHOWN			
X18165–X18784 .....	FRONT .....	8000.0-02			
X18785–X18799 .....	REAR, CONVERTIBLE .....	8000.0-04			
X19513–X19515 .....	RADIO .....	NOT SHOWN			

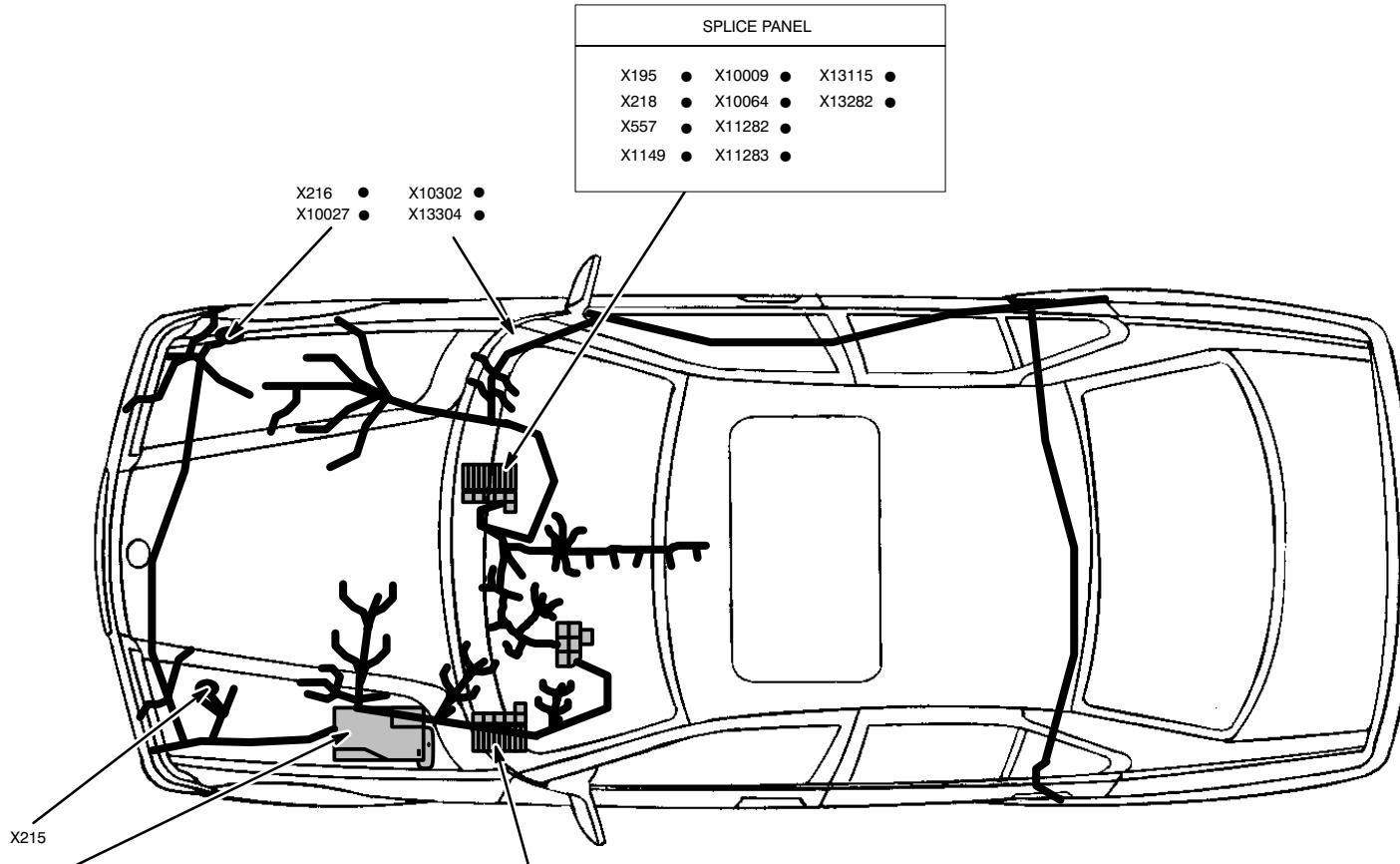
1997

**SPlice Location Views****Front Harness**

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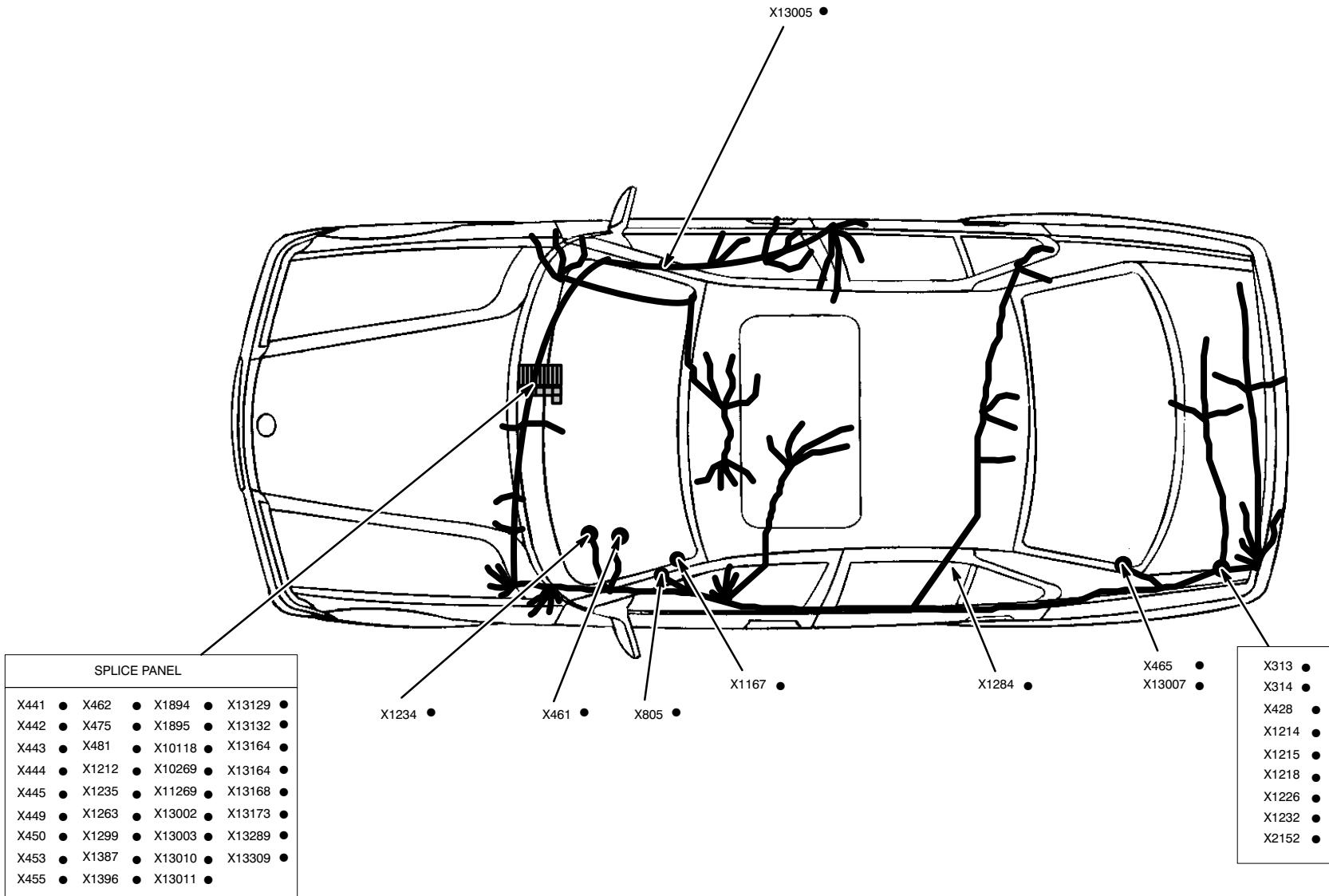
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SPLICE PANEL				
X184	●	X246	●	X1036
X185	●	X276	●	X1055
X186	●	X530	●	X1068
X187	●	X585	●	X1073
X203	●	X1015	●	X1076
X223	●	X1022	●	X1077
X238	●	X1027	●	X1152
X245	●	X1028	●	X1163
X1164	●	X10007	●	X11284
X1168	●	X10020	●	X13000
X1172	●	X10021	●	X13300
X1177	●	X10022	●	X13302
X1186	●	X10029	●	X18783
X1192	●	X10055	●	X18784
X1233	●	X10100	●	
X1541	●	X10192	●	

SPLICE PANEL				
X181	●	X228	●	X1079
X182	●	X1019	●	X1080
X183	●	X1029	●	X1085
X188	●	X1047	●	X1179
X191	●	X1065	●	X1182
X196	●	X1066	●	X1225
X197	●	X1067	●	X1258
X213	●	X1069	●	X1542
X1682	●	X10024	●	X10123
X1686	●	X10028	●	X10191
X1687	●	X10060	●	X10231
X1689	●	X10061	●	X10252
X1691	●	X10090	●	X11264
X1693	●	X10103	●	X11381
X10008	●	X10104	●	X13021
X10011	●	X10120	●	X13311





## SPlice Location Views

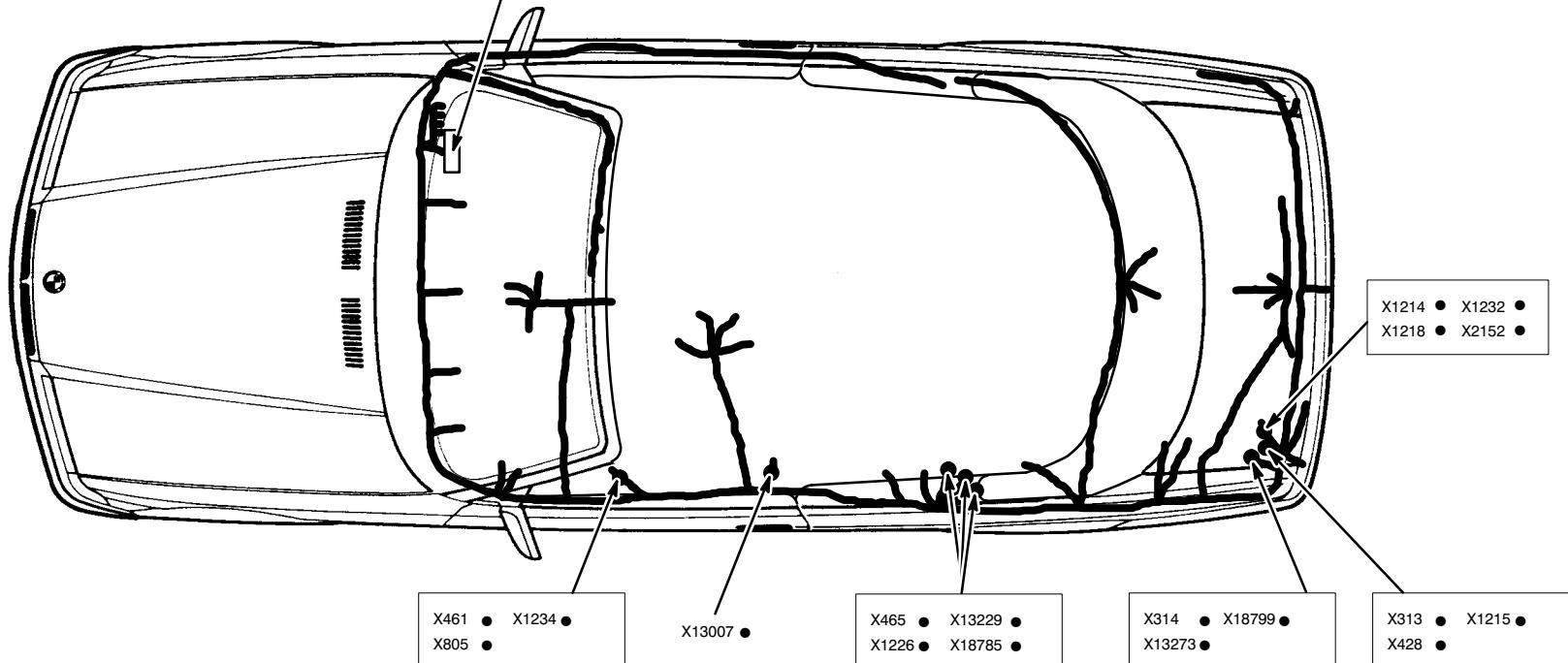
### REAR WIRING HARNESS – CONVERTIBLE

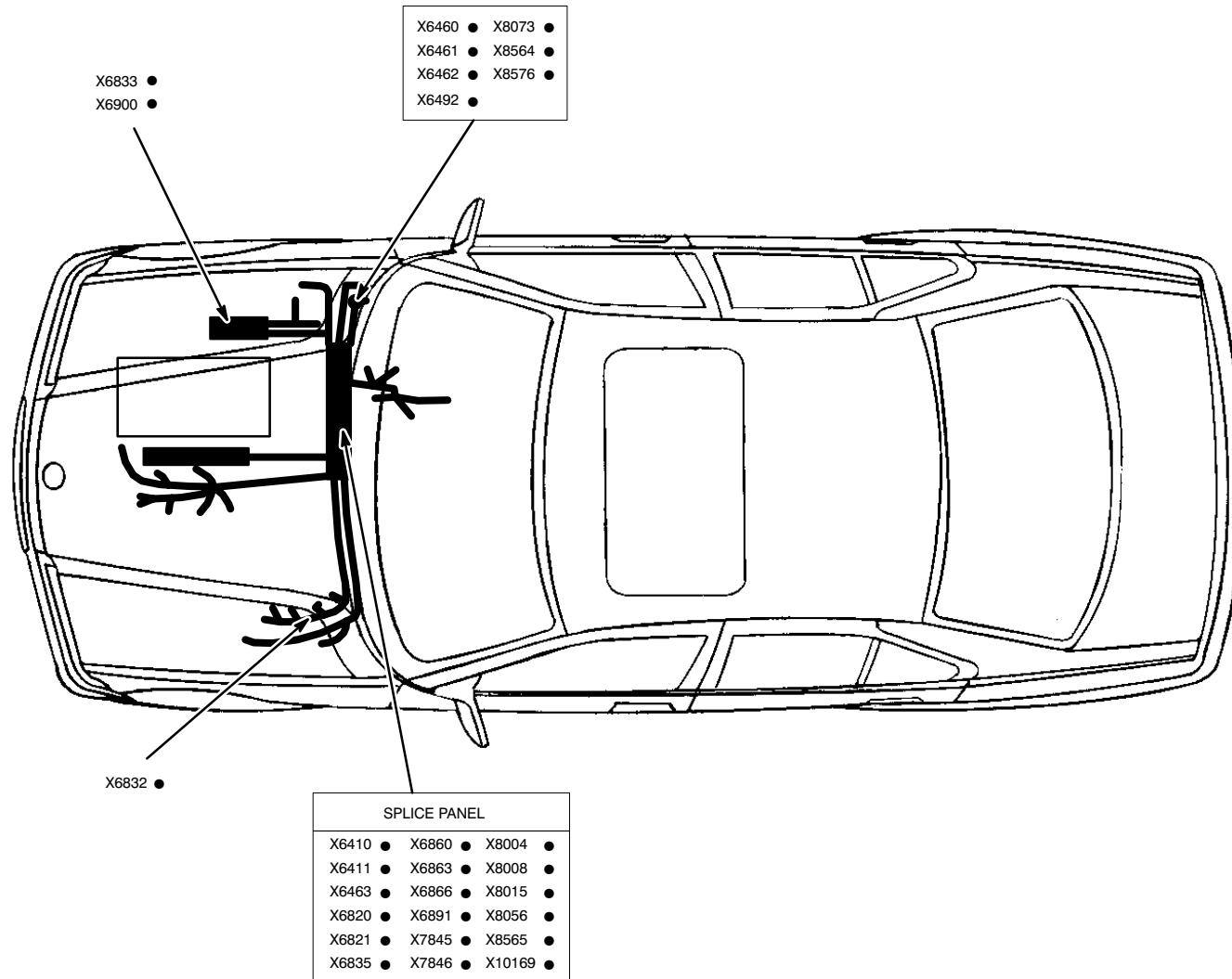
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SPlice Panel				
X441 •	X453 •	X1263 •	X10269 •	X13129 •
X442 •	X455 •	X1387 •	X11279 •	X13132 •
X443 •	X462 •	X1396 •	X13002 •	X13168 •
X444 •	X475 •	X10118 •	X13003 •	X13173 •
X445 •	X481 •	X10189 •	X13010 •	X13289 •
X449 •	X1212 •	X10228 •	X13011 •	X13309 •
X450 •	X1235 •	X10229 •	X13127 •	X18796 •







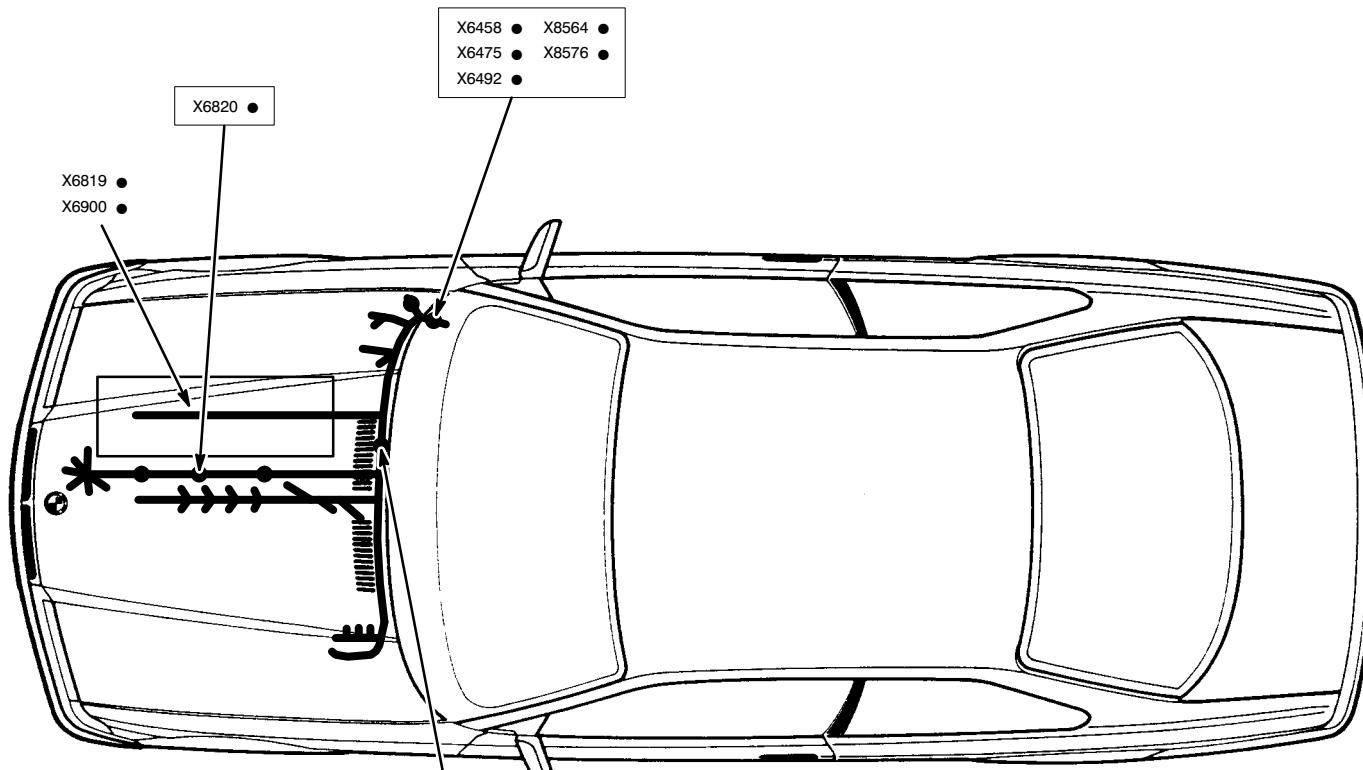
## SPLICE LOCATION VIEWS

### ENGINE HARNESS M3

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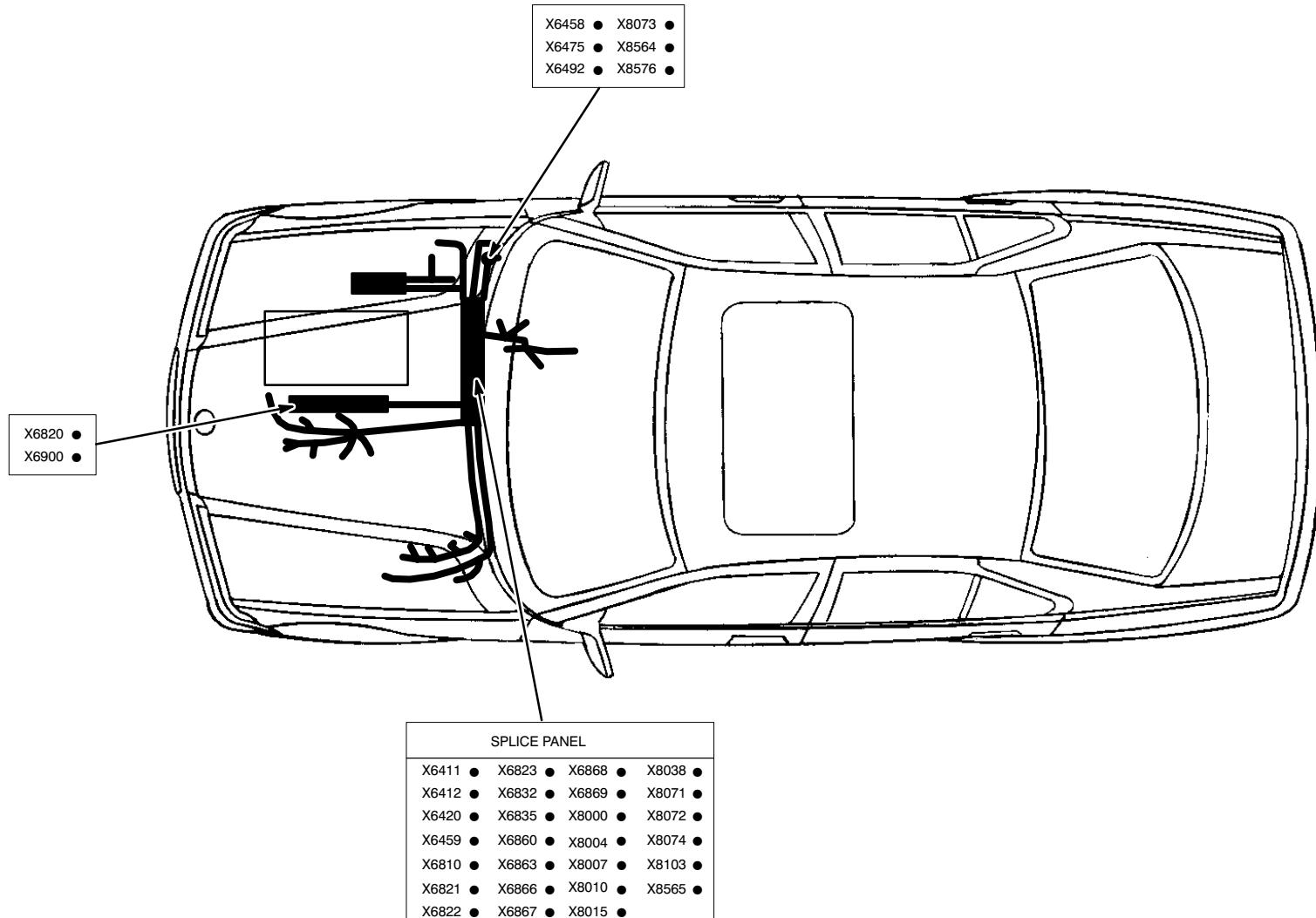
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SPLICE PANEL

X6411 •	X6822 •	X6867 •	X8010 •	X8074 •
X6412 •	X6823 •	X6868 •	X8015 •	X8103 •
X6420 •	X6832 •	X6869 •	X8038 •	X8565 •
X6459 •	X6835 •	X8000 •	X8051 •	
X6810 •	X6860 •	X8004 •	X8071 •	
X6821 •	X6863 •	X8007 •	X8072 •	





## CONNECTOR VIEWS

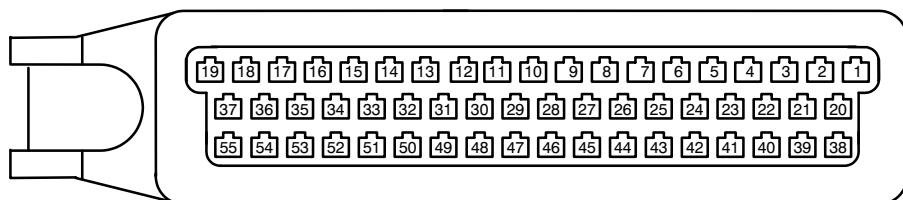
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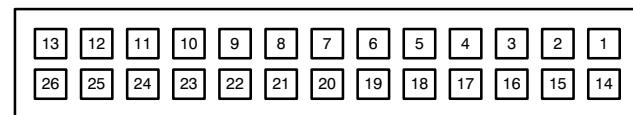
**FIG. 1**

B550001.03



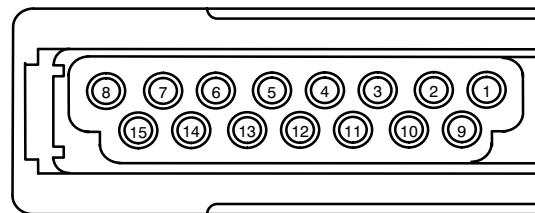
**FIG. 2**

B260005.00



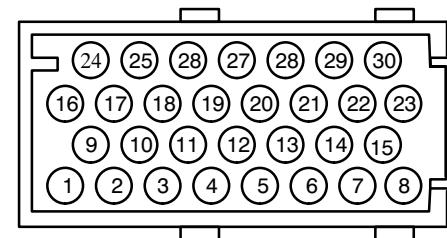
**FIG. 3**

B150003.00



**FIG. 4**

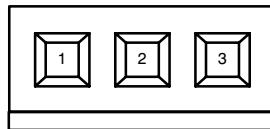
B300001.00



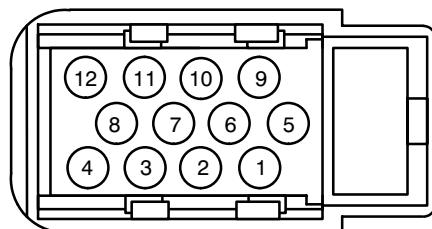
## CONNECTOR VIEWS

**FIG. 1**

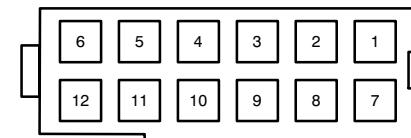
B030024

**FIG. 2**

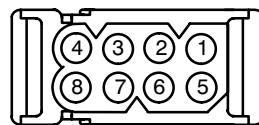
B120003.00

**FIG. 3**

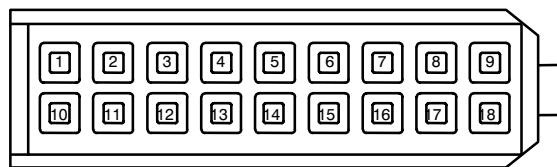
B120001.00

**FIG. 4**

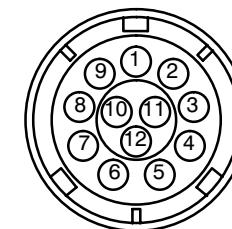
B080002.00

**FIG. 5**

B180000.00

**FIG. 6**

B120015

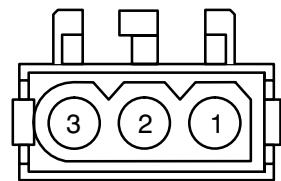




## CONNECTOR VIEWS

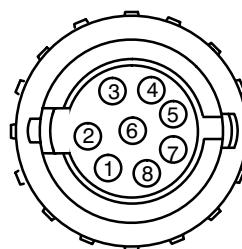
**FIG. 1**

B030001.00



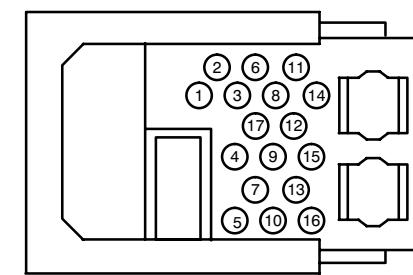
**FIG. 2**

B070007.00



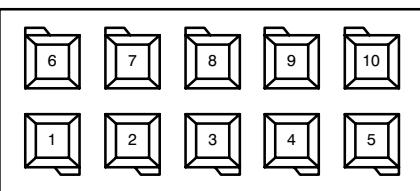
**FIG. 3**

B170001.00



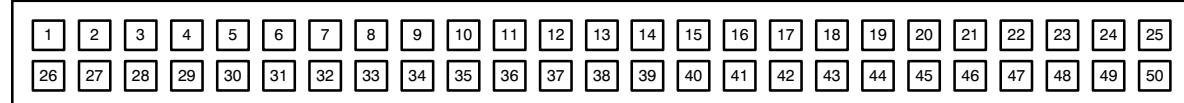
**FIG. 4**

B100008.00



**FIG. 5**

B500000.00



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## CONNECTOR VIEWS

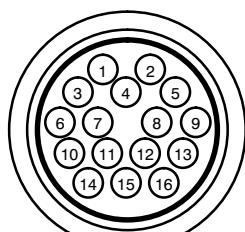
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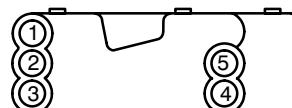
**FIG. 1**

B160001.00



**FIG. 2**

B050003.00



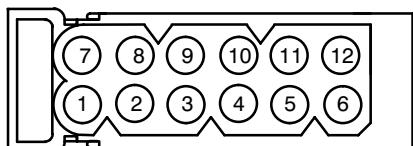
**FIG. 3**

B040004.00



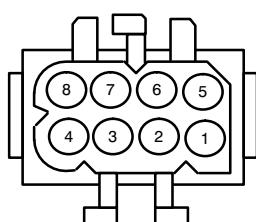
**FIG. 4**

B120002.02



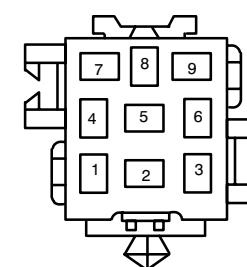
**FIG. 5**

B080001.00



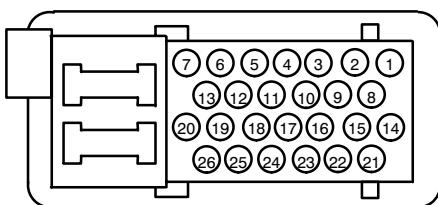
**FIG. 6**

B090002.00

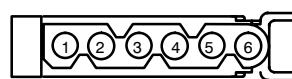


**FIG. 1**

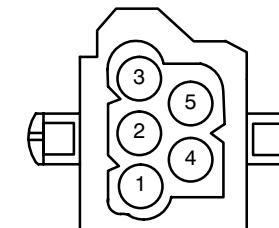
B210002.00

**FIG. 2**

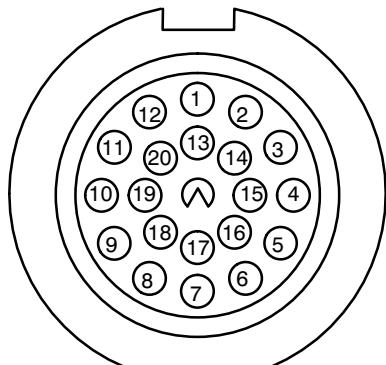
B060001.02

**FIG. 3**

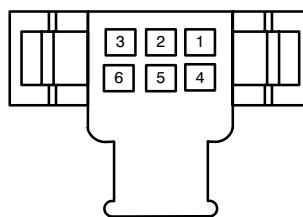
B050005.00

**FIG. 4**

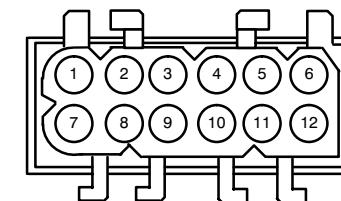
B200003.00

**FIG. 5**

B060010.01

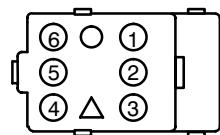
**FIG. 6**

B120004.01

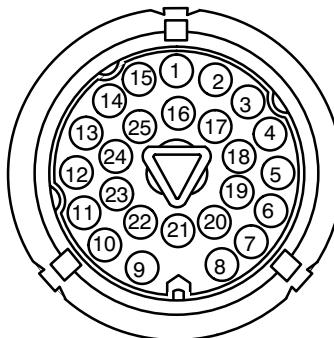


**FIG. 1**

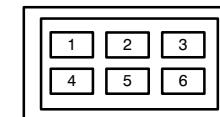
B060008.00

**FIG. 2**

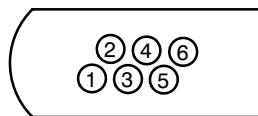
B250001.01

**FIG. 3**

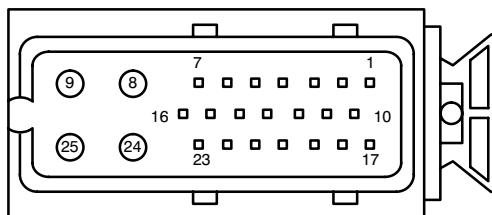
B060019.02

**FIG. 4**

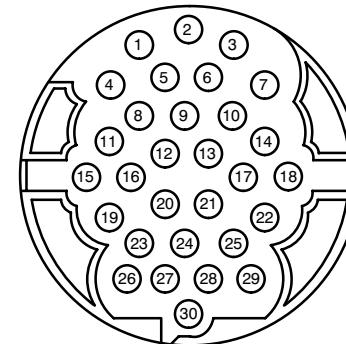
B060037.00

**FIG. 5**

B250004.00

**FIG. 6**

B300005.00





## CONNECTOR VIEWS

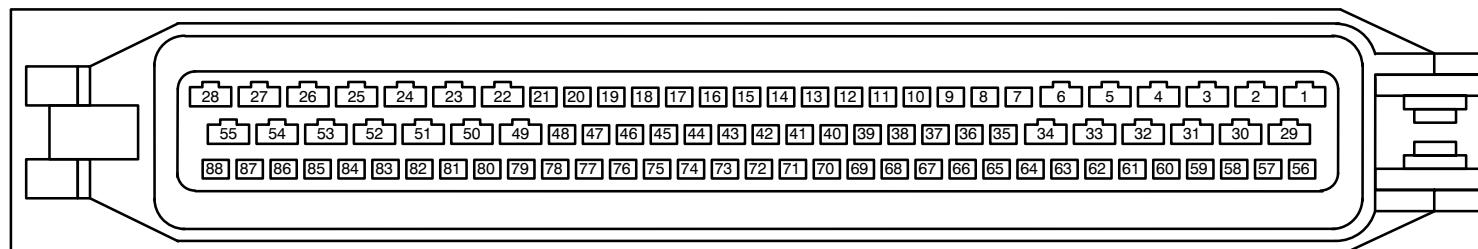
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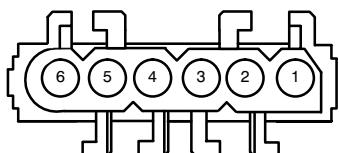
**FIG. 1**

B880001.00



**FIG. 2**

B060038.00



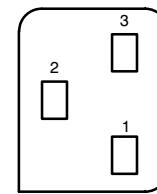
**FIG. 3**

B030006.00



**FIG. 4**

B030004.01

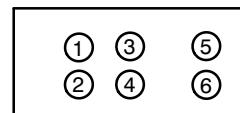




## CONNECTOR VIEWS

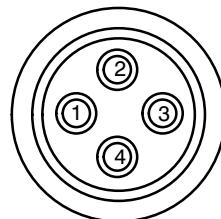
**FIG. 1**

B060012.00



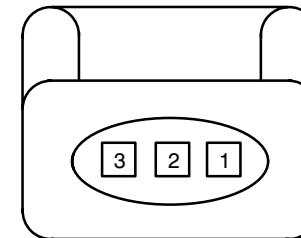
**FIG. 2**

B040023.01



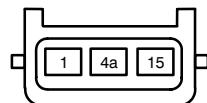
**FIG. 3**

B030018.00



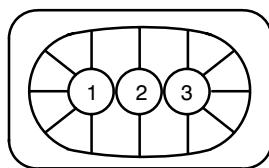
**FIG. 4**

B030015.08



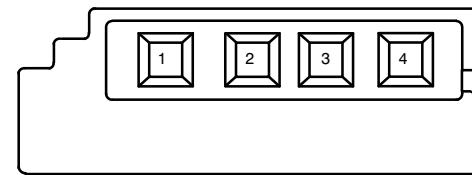
**FIG. 5**

B030023.00



**FIG. 6**

B040020.00



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## CONNECTOR VIEWS

FIG. 1

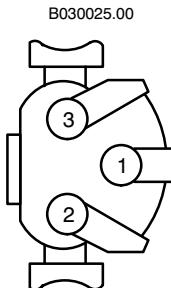


FIG. 2

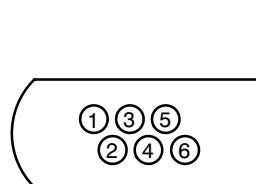


FIG. 3

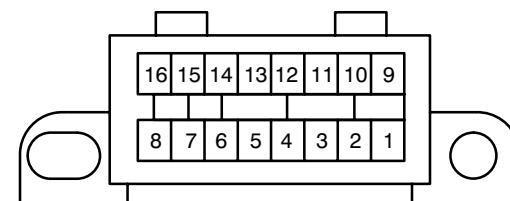


FIG. 4

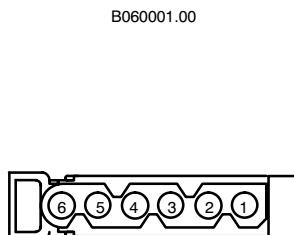
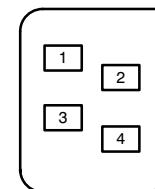


FIG. 5



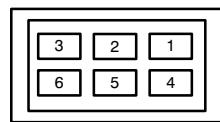
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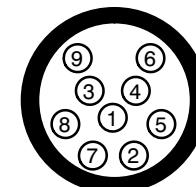
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**FIG. 1**

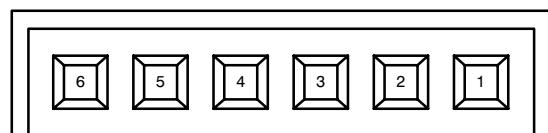
B060019.03

**FIG. 2**

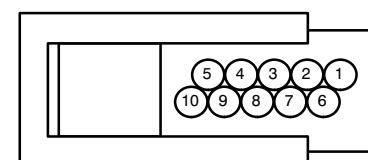
B090006.00

**FIG. 3**

B060042

**FIG. 4**

B100007.00





## CONNECTOR VIEWS

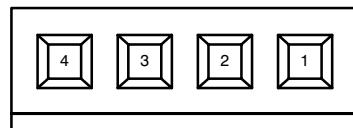
03/98

8500.0-10

1997

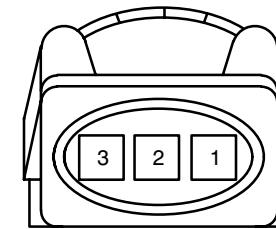
**FIG. 1**

B040021



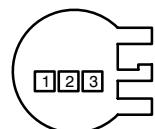
**FIG. 2**

B030018.01



**FIG. 3**

B030042.01



**FIG. 4**

B420000.00

