

1997
BMW
E36/5
(318ti)

Electrical
Troubleshooting
Manual

Vehicles Produced 9/96 thru 8/97



ELECTRICAL TROUBLESHOOTING MANUAL

SERIES 3 – E36/5 (318ti)

SCHEMATICS

MODEL YEAR 1997

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INTRODUCTION

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**.

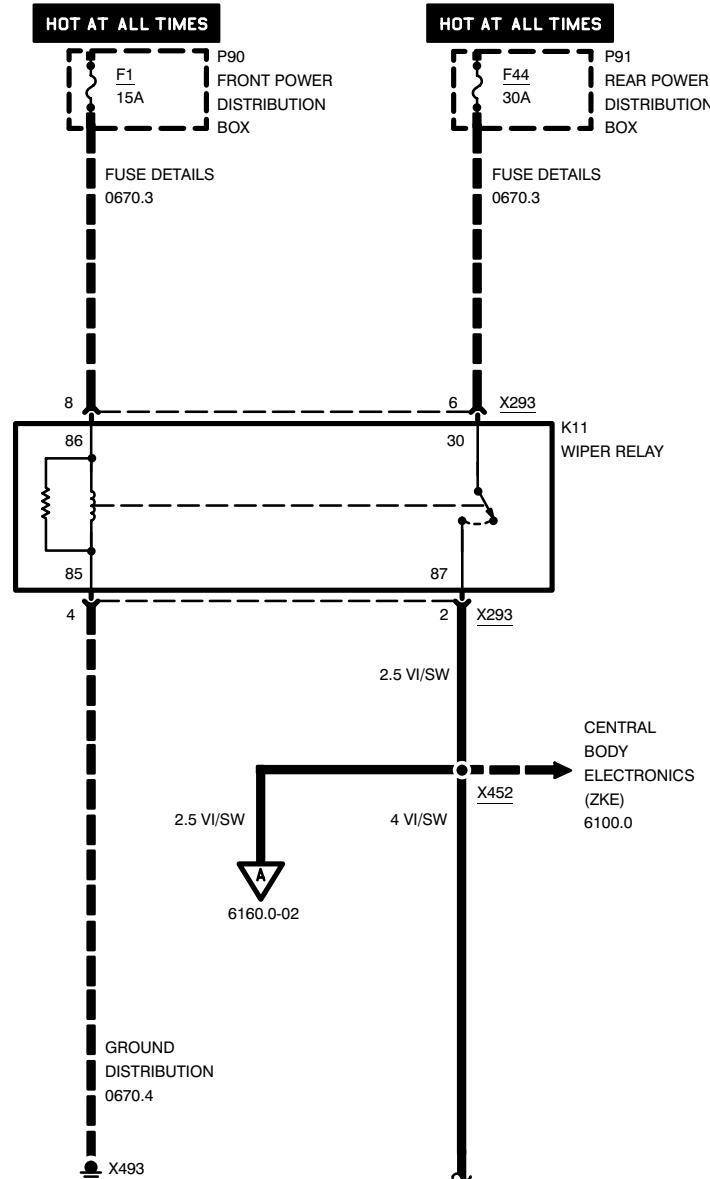
In cell **7000.0 Component Location Chart** all important connectors, ground points and components are listed in tabular form. It provides a precise description of the component locations in the vehicle.

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

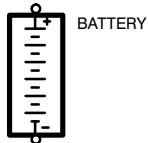
General conventions can be explained based on the following schematic example.



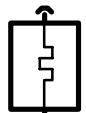
General Conventions

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.

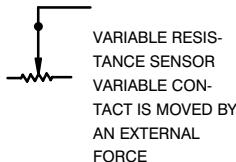
SYMBOLS



BATTERY



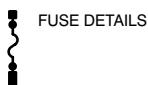
HEATING ELEMENT



VARIABLE RESISTANCE SENSOR
VARIABLE CONTACT IS MOVED BY
AN EXTERNAL FORCE



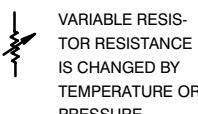
ANTENNA



FUSE DETAILS



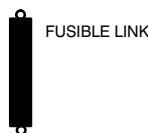
LOUDSPEAKER OR
HORN



VARIABLE RESISTOR
RESISTANCE IS CHANGED BY
TEMPERATURE OR
PRESSURE



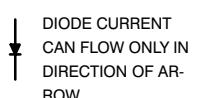
CONTROL/POWER
ELECTRONICS



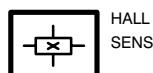
FUSIBLE LINK



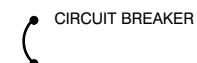
LIGHT



DIODE CURRENT
CAN FLOW ONLY IN
DIRECTION OF ARROW



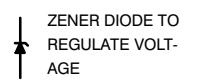
HALL EFFECT
SENSOR



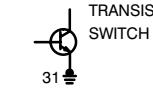
CIRCUIT BREAKER



PERMANENT MAG-
NET MOTOR ONE
SPEED



ZENER DIODE TO
REGULATE VOLT-
AGE



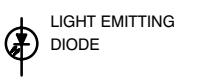
TRANSISTORIZED
SWITCH



THERMO SWITCH



PERMANENT MAG-
NET MOTOR TWO
SPEEDS



LIGHT EMITTING
DIODE



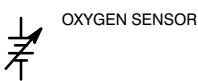
N
INDUCTIVE
SENSOR
S



SOLENOID



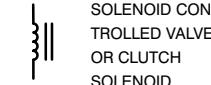
KNOCK SENSOR



OXYGEN SENSOR

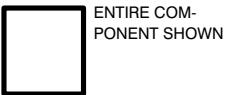


N
VEHICLE SPEED
SENSOR
S

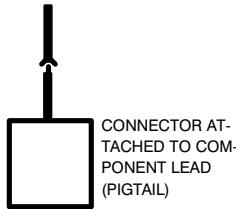


SOLENOID CON-
TROLLED VALVE
OR CLUTCH
SOLENOID

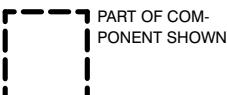
SYMBOLS



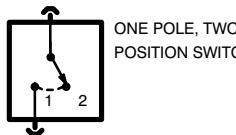
ENTIRE COM-
ONENT SHOWN



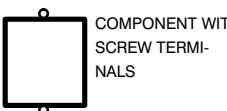
CONNECTOR AT-
ACHED TO COM-
ONENT LEAD
(PIGTAIL)



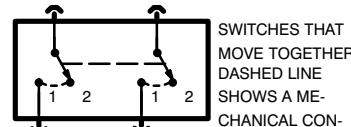
PART OF COM-
ONENT SHOWN



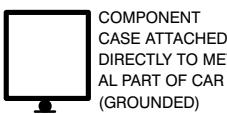
ONE POLE, TWO
POSITION SWITCH



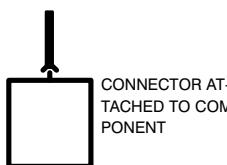
COMPONENT WITH
SCREW TERMIN-
INALS



SWITCHES THAT
MOVE TOGETHER
DASHED LINE
SHOWS A ME-
CHANICAL CON-
NECTION
BETWEEN
SWITCHES

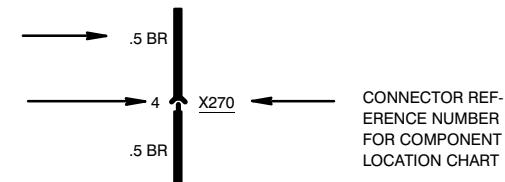


COMPONENT
CASE ATTACHED
DIRECTLY TO MET-
AL PART OF CAR
(GROUNDED)



CONNECTOR AT-
ACHED TO COM-
ONENT

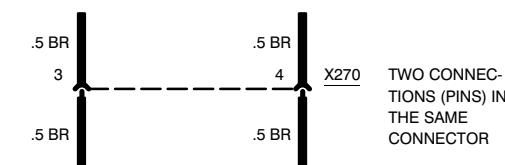
WIRE COLOR	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE
TR	TRANSPARENT



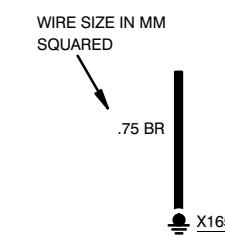
CONNECTOR REF-
ERENCE NUMBER
FOR COMPONENT
LOCATION CHART



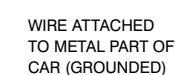
A WAVY LINE
MEANS WIRE IS
CONTINUED



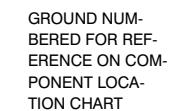
TWO CONNEC-
TIONS (PINS) IN
THE SAME
CONNECTOR



WIRE SIZE IN MM
SQUARED

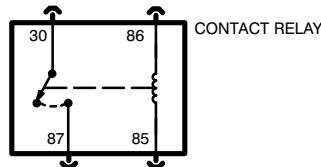


WIRE ATTACHED
TO METAL PART OF
CAR (GROUNDED)

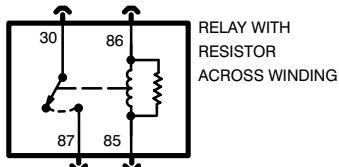
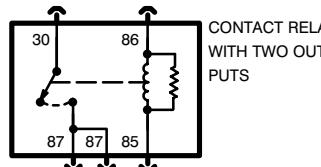
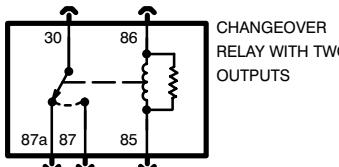


GROUND NUM-
BERED FOR REF-
ERENCE ON COM-
ONENT LOCA-
TION CHART

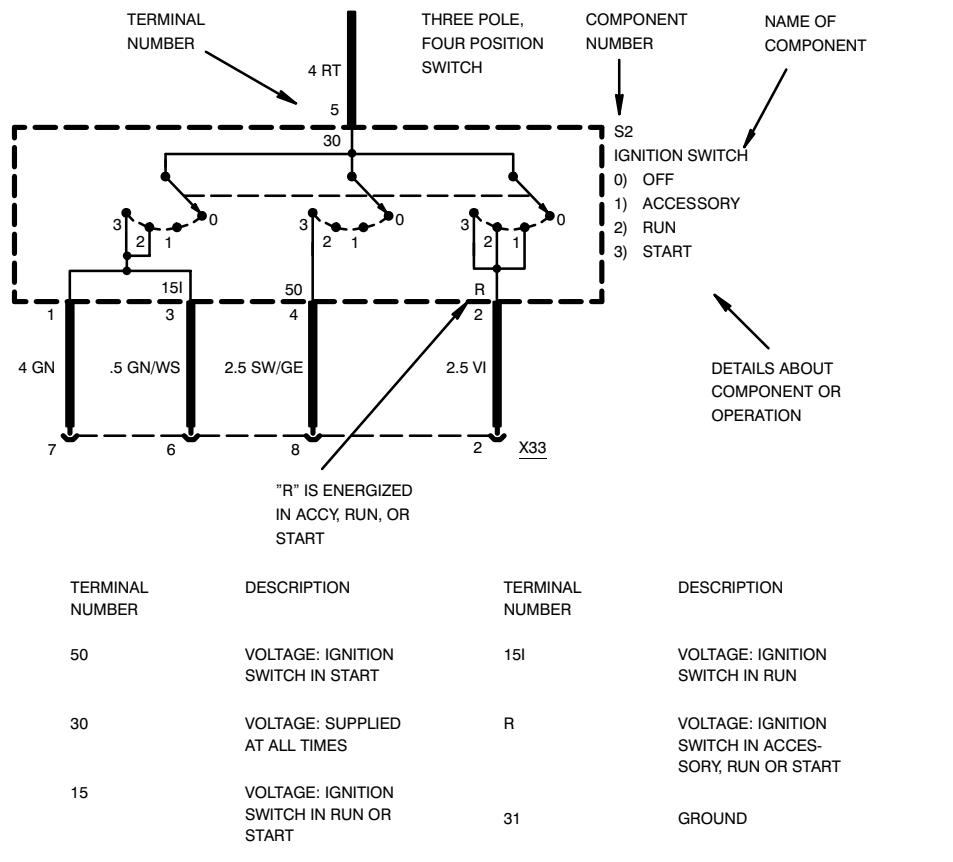
SYMBOLS



CONTACT RELAY

RELAY WITH
RESISTOR
ACROSS WINDINGCONTACT RELAY
WITH TWO OUT-
PUTSCHANGEOVER
RELAY WITH TWO
OUTPUTS

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



HOT AT ALL TIMES	POWER STATUS	DESCRIPTION
F9 15A	HOT AT ALL TIMES	VOLTAGE: SUPPLIED AT ALL TIMES
	HOT IN RUN AND START	VOLTAGE: IGNITION SWITCH IN RUN OR START
	HOT IN ACCY, RUN AND START	VOLTAGE: IGNITION SWITCH IN ACCESSORY, RUN OR START

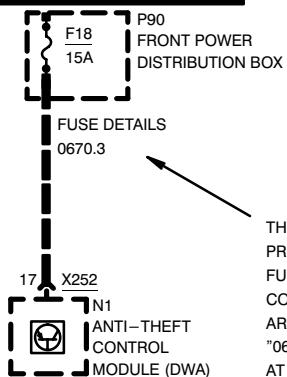
SYMBOLS

03/98

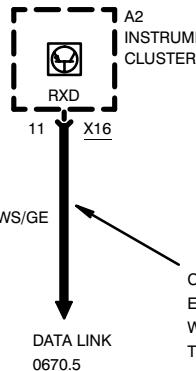
0140.0-03

1997

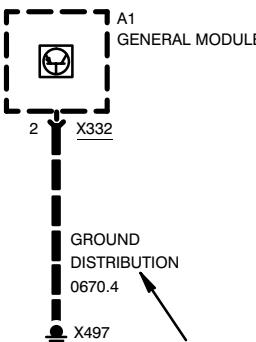
HOT IN ACCY, RUN AND START



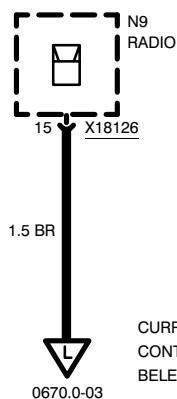
THE COMPLETE WIRE PROGRESSION AND FURTHER CIRCUITS CONNECTED TO FUSE 18 ARE SHOWN IN CELL "0670.3 FUSE DETAILS" AT FUSE 18



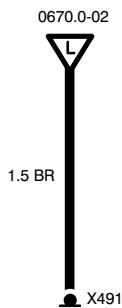
CIRCUIT REFERENCE—A WIRE WHICH CONNECTS TO ANOTHER CIRCUIT



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



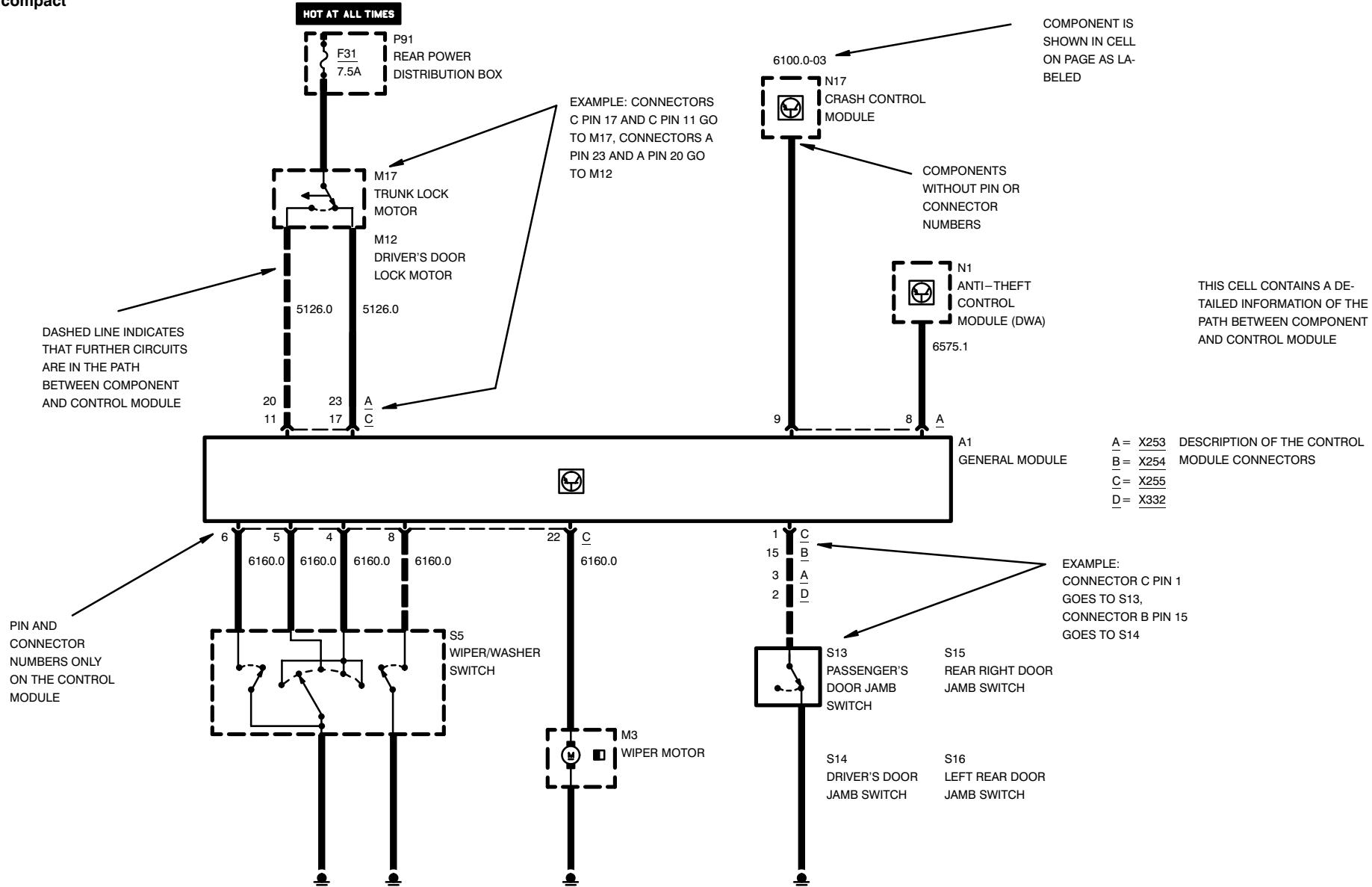
CURRENT PATH IS CONTINUED AS LABELED



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

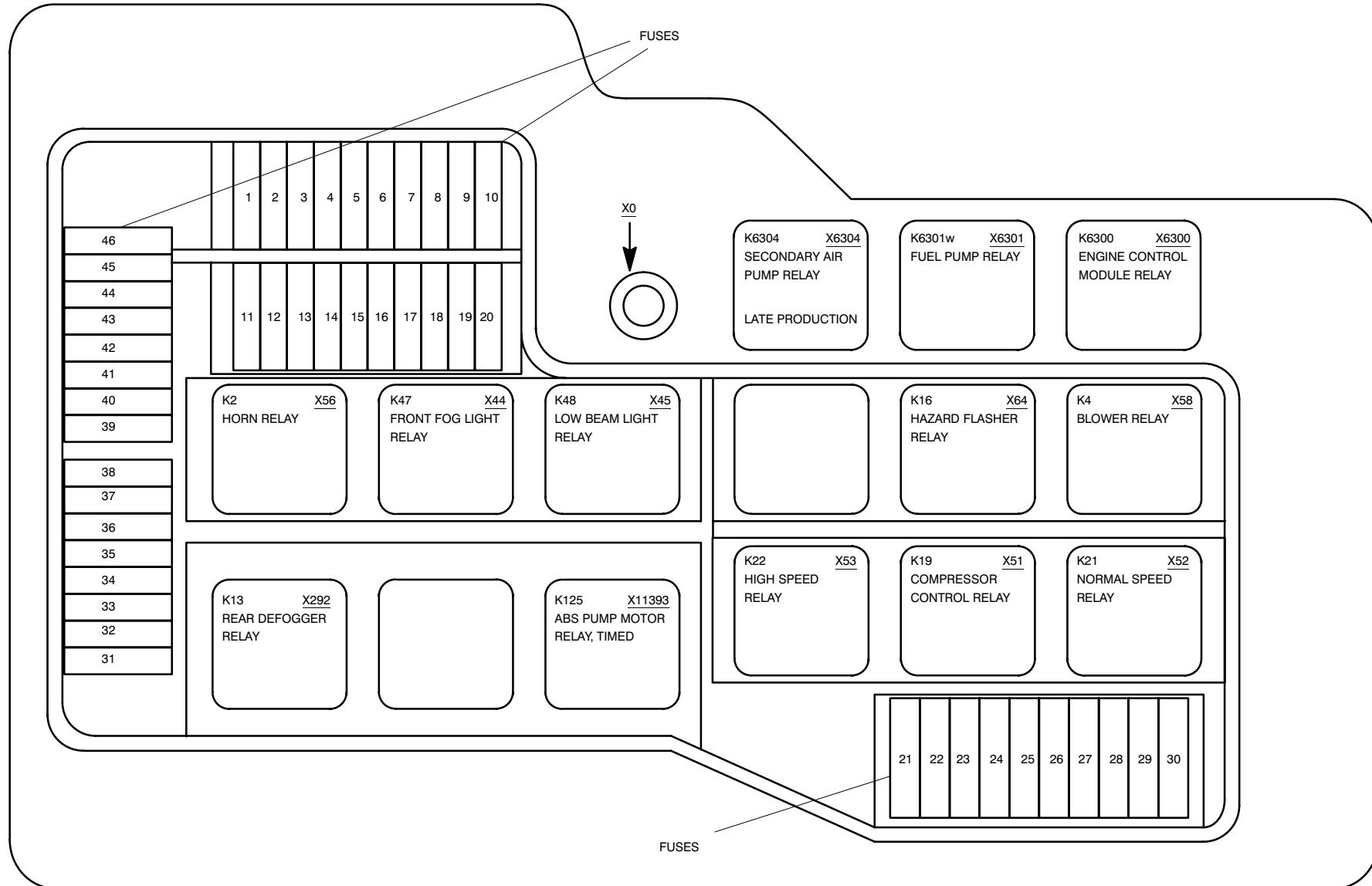
SYMBOLS

BLOCK DIAGRAM



POWER DISTRIBUTION CHART

FRONT POWER DISTRIBUTION BOX

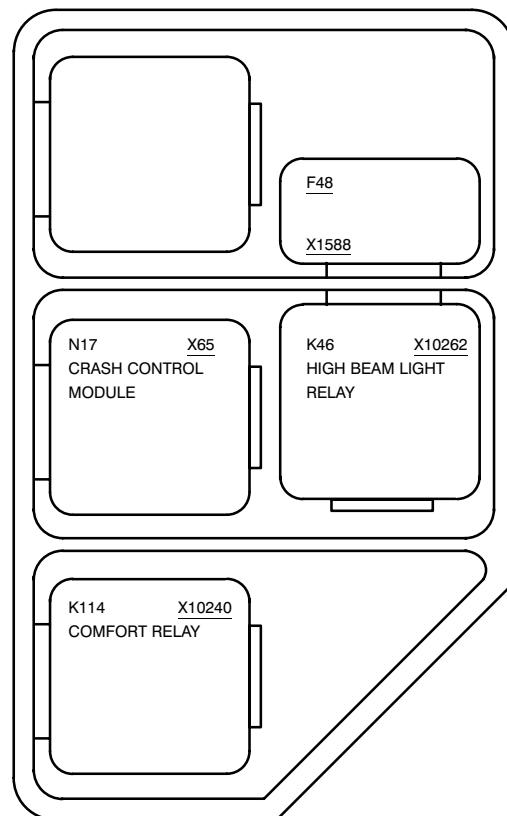


POWER DISTRIBUTION CHART

RELAY PANEL UNDER LH SIDE OF DASHBOARD

86/80

0670.0-01



1997



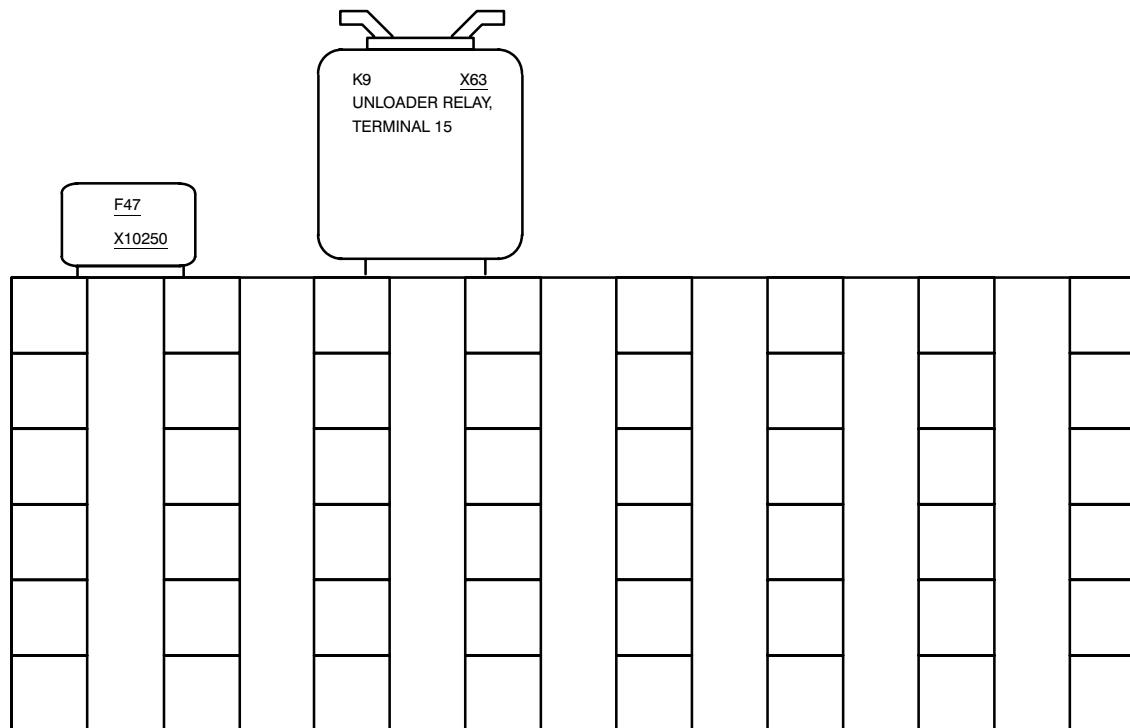
POWER DISTRIBUTION CHART

SPLICE PANEL UNDER LH SIDE OF DASHBOARD

03/98

0670.0-02

1997





FUSE CHART

FUSES 1 TO 29

compact

03/98

0670.1-00

1997

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)

3234.0 SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

3450.0 SLIP CONTROL (ABS)

3450.1 SLIP CONTROL (ABS/ASC)

5116.0 POWER MIRRORS

5126.0 ZKE CENTRAL LOCKING (ZV)

5133.0 ZKE POWER WINDOWS (FH)

5203.0 HEATED SEATS

5410.1 POWER SUNROOF (SHD)

5410.4 ELECTRIC FOLDING SUNROOF

6100.0 CENTRAL BODY ELECTRONICS (ZKE IV)

6133.0 HORN

6135.0 DRIVE-AWAY PROTECTION (EWS II)

6160.1 WIPER/WASHER MODULE (WWM)

6169.0 WINDSHIELD WASHER JET HEATERS

6211.0 INSTRUMENT CLUSTER

6213.0 CLOCK

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



FUSE CHART

FUSES 1 TO 29

compact

03/98

0670.1-01

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

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

6332.0 INTERIOR ACCESSORIES

6350.0 CRASH CONTROL MODULE

6410.7 HEATING CONTROL (HS)

●

6424.0 REAR WINDOW DEFOGGER

●

●

6450.6 INTEGRATED HEATING- AND CLIMATE CONTROL

●

●

●

6510.0 RADIO/STEREO

●

6510.1 RADIO/HIFI

●

6561.0 CELLULAR TELEPHONE (PROVISIONS)

6571.0 CRUISE CONTROL (TEMPOMAT)

●

6575.2 ANTI-THEFT SYSTEM (ALPINE)

6581.3 BOARD COMPUTER (BC-LOW)



FUSE CHART

FUSES 30 TO 48

compact

1210.20 ENGINE CONTROL SYSTEM (PME M5.2, 4-CYLINDER M44)

1230-0 CHARGING SYSTEM

1240.0 START

2460.2 ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

3234.0 SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

3450.0 SLIP CONTROL (ABS)

3450.1 SLIP CONTROL (ABS/ASC)

5116.0 POWER MIRRORS

5126.0 ZKE CENTRAL LOCKING (ZV)

5133.0 ZKE POWER WINDOWS (FH)

5203.0 HEATED SEATS

5410.1 POWER SUNROOF (SHD)

5410.4 ELECTRIC FOLDING SUNROOF

6100.0 CENTRAL BODY ELECTRONICS (ZKE IV)

6133.0 HORN

6135.0 DRIVE-AWAY PROTECTION (EWS II)

6160.1 WIPER/WASHER MODULE (WWM)

6169.0 WINDSHIELD WASHER JET HEATERS

6211.0 INSTRUMENT CLUST

6213.0 CLOCK

03/98

0670.1-02

1997



FUSE CHART

FUSES 30 TO 48

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

6332.0 INTERIOR ACCESSORIES

6350.0 CRASH CONTROL MODULE

6410.7 HEATING CONTROL (HS)

6424.0 REAR WINDOW DEFOGGER

6450.6 INTEGRATED HEATING- AND CLIMATE CONTROL

6510.0 RADIO/STEREO

6510.1 RADIO/HIFI

6561.0 CELLULAR TELEPHONE (PROVISIONS)

6571.0 CRUISE CONTROL (TEMPOMAT)

6575.2 ANTI-THEFT SYSTEM (ALPINE)

6581.3 BOARD COMPUTER (BC-LOW)

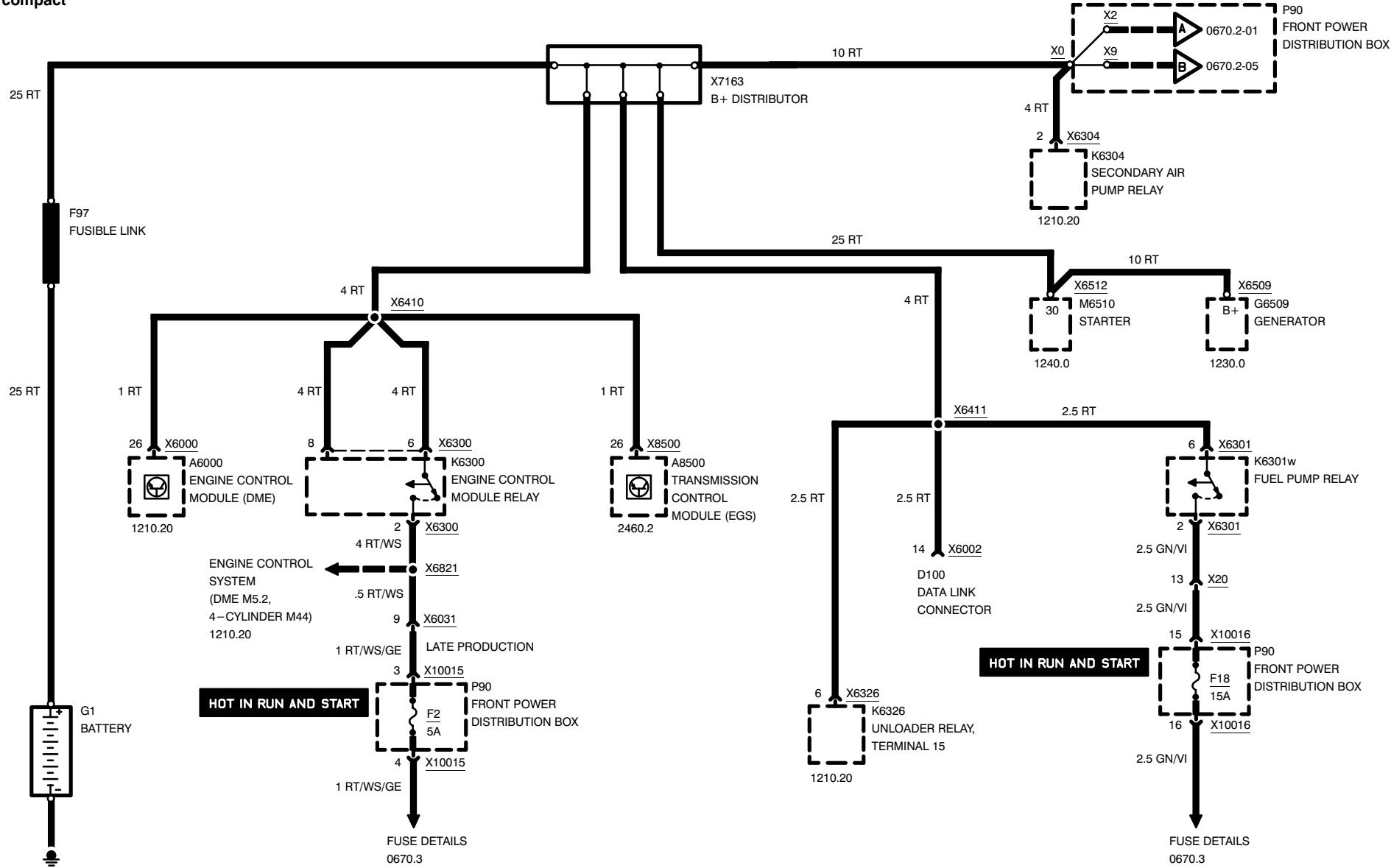
		FUSE NUMBER																								
30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48								
	7.5A	5A	30A	10A	15A	25A	30A	10A	30A	7.5A																
6300.0	LIGHT SWITCH DETAILS				●				●																	
6312.0	HEADLIGHTS/FOG LIGHTS	●																								
6313.0	TURN/HAZARD LIGHTS					●																				
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			●											●											
6332.0	INTERIOR ACCESSORIES		●	●				●							●											
6350.0	CRASH CONTROL MODULE				●																					
6410.7	HEATING CONTROL (HS)																									
6424.0	REAR WINDOW DEFOGGER																									
6450.6	INTEGRATED HEATING- AND CLIMATE CONTROL								●									●								
6510.0	RADIO/STEREO				●											●										
6510.1	RADIO/HIFI				●										●											
6561.0	CELLULAR TELEPHONE (PROVISIONS)				●										●											
6571.0	CRUISE CONTROL (TEMPOMAT)																●			●						
6575.2	ANTI-THEFT SYSTEM (ALPINE)																●			●						
6581.3	BOARD COMPUTER (BC-LOW)			●														●								

03/98

0670.1-03

1997

POWER DISTRIBUTION

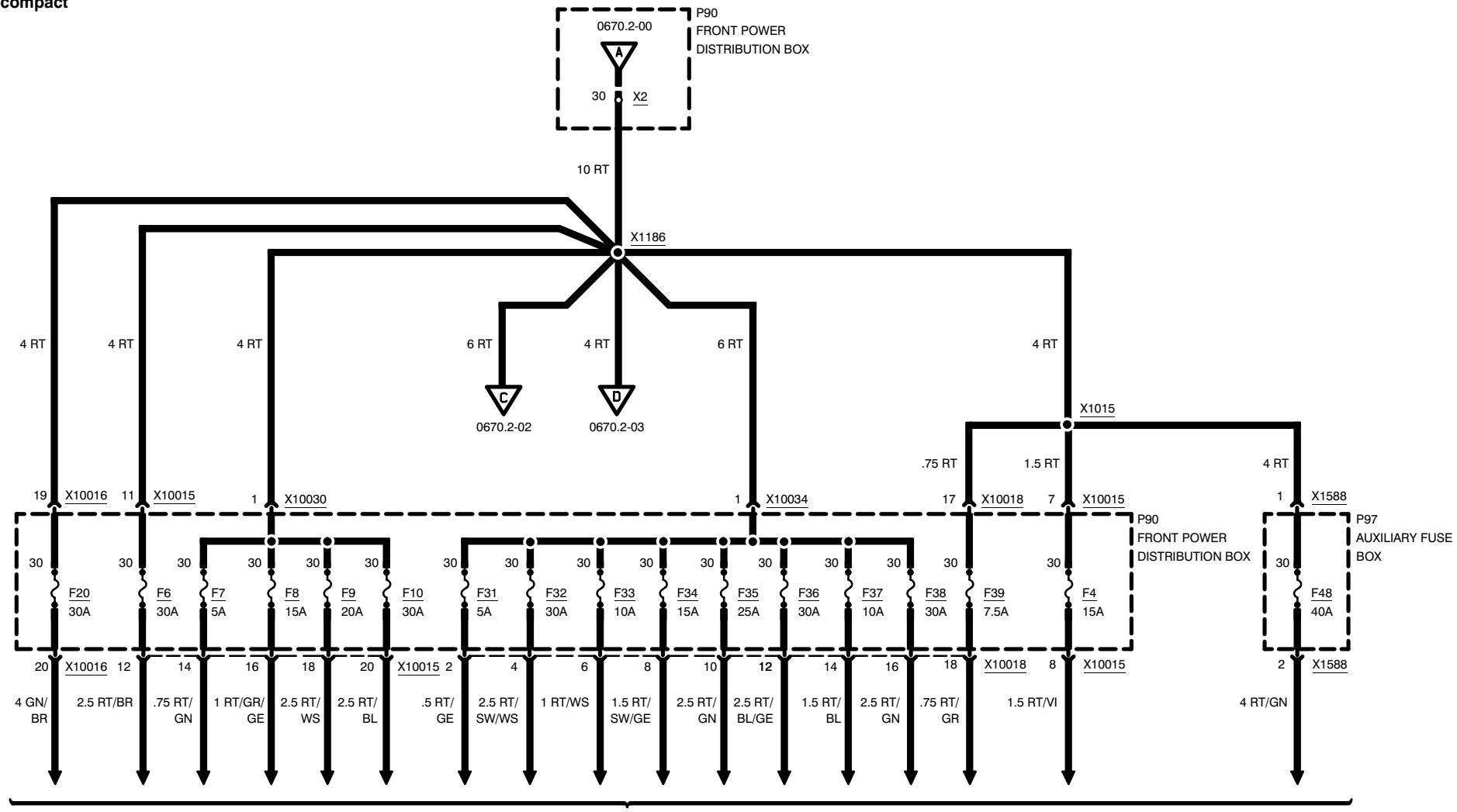


POWER DISTRIBUTION

03/98

0670.2-01

1997



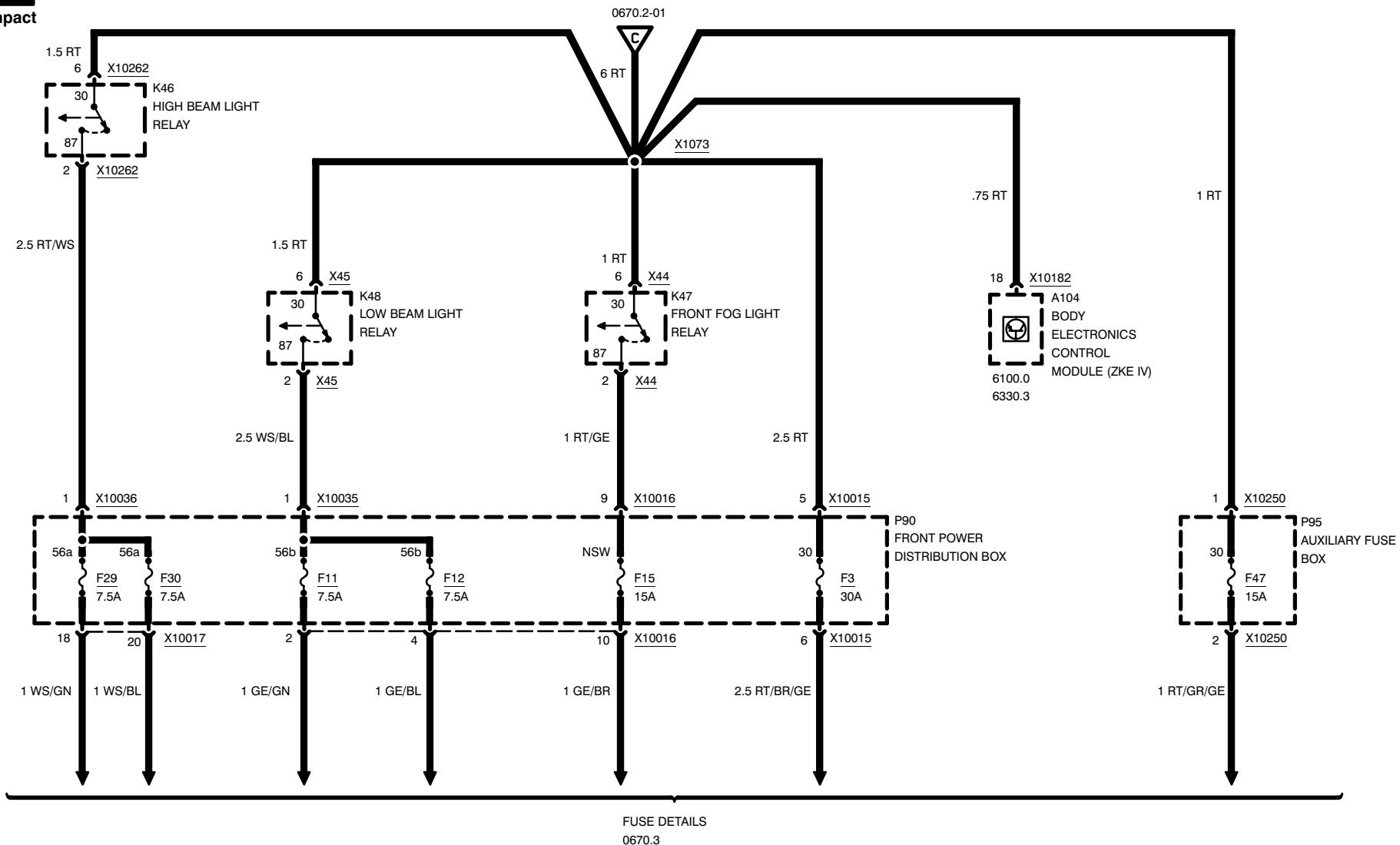
FUSE DETAILS
0670.3

POWER DISTRIBUTION

03/98

0670.2-02

1997

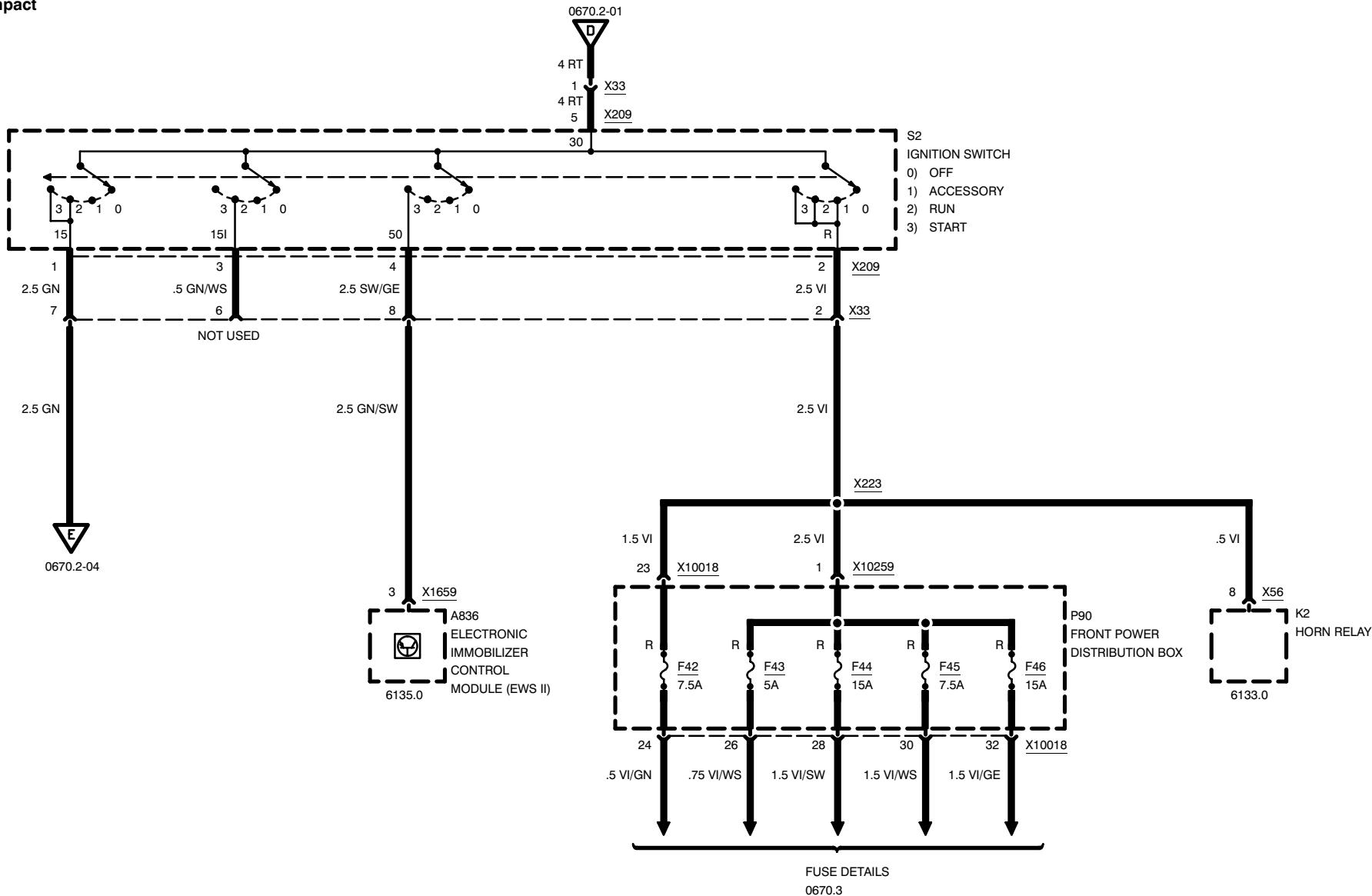


POWER DISTRIBUTION

03/98

0670.2-03

1997

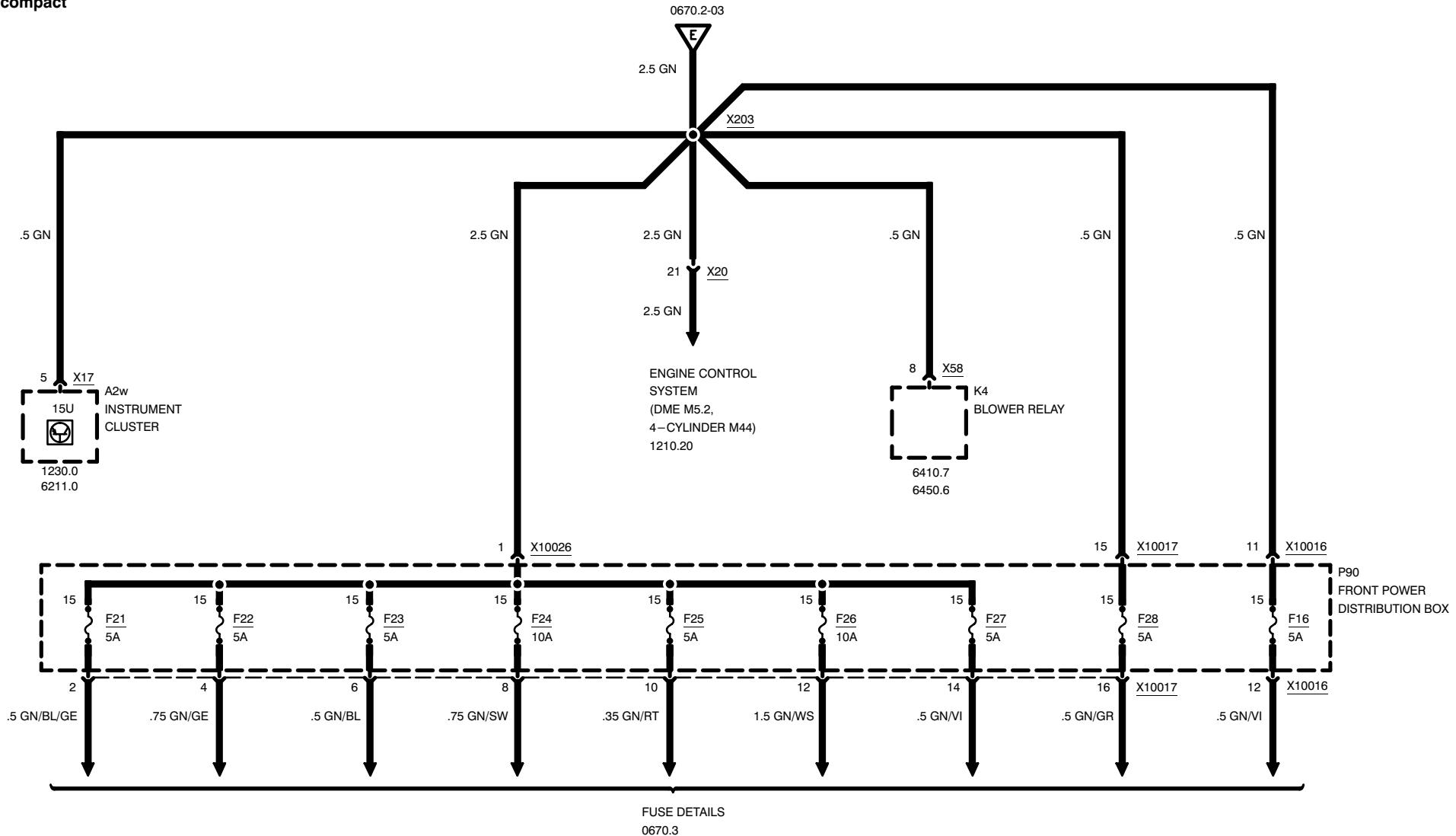


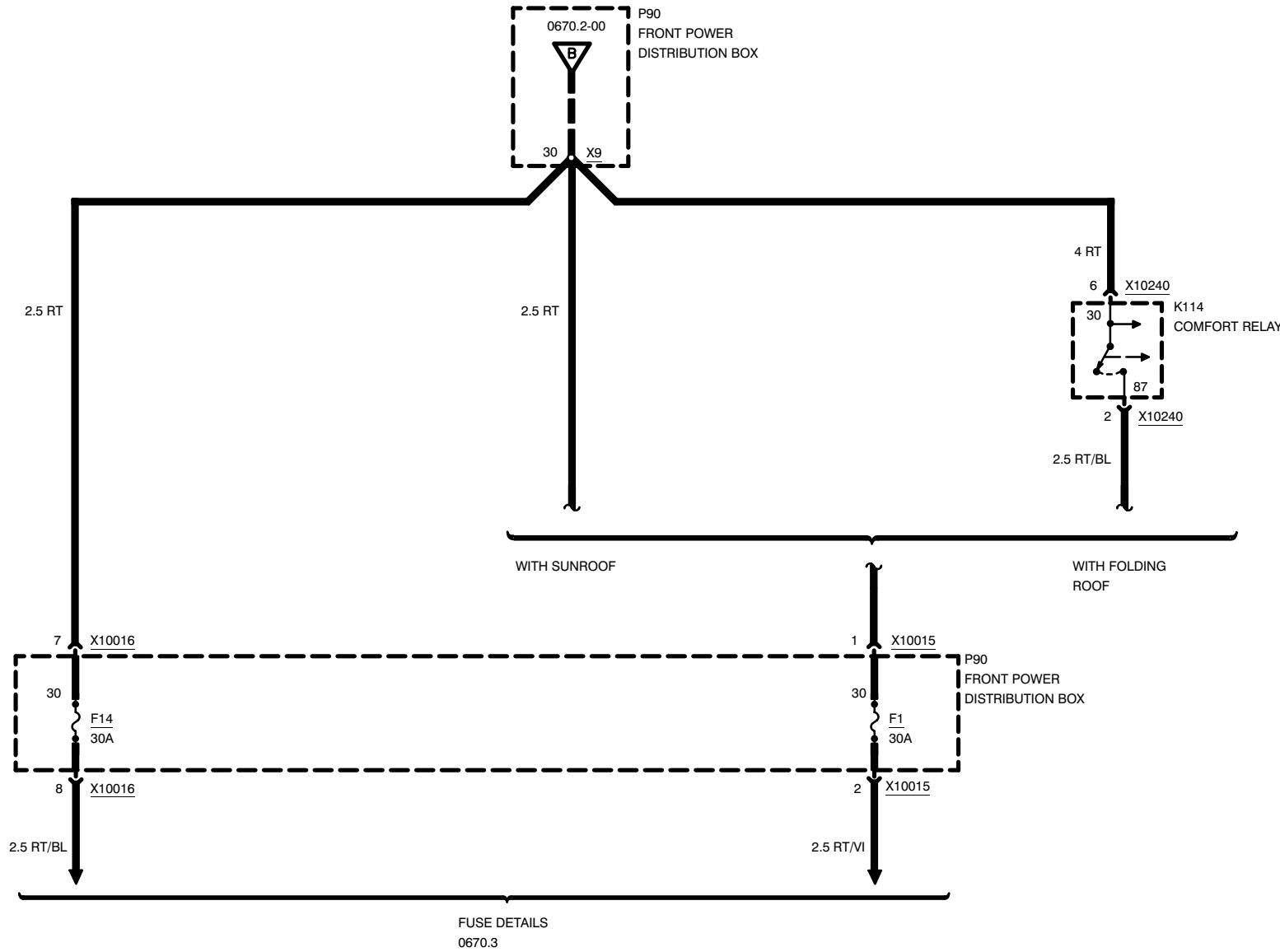
POWER DISTRIBUTION

03/98

0670.2-04

1997





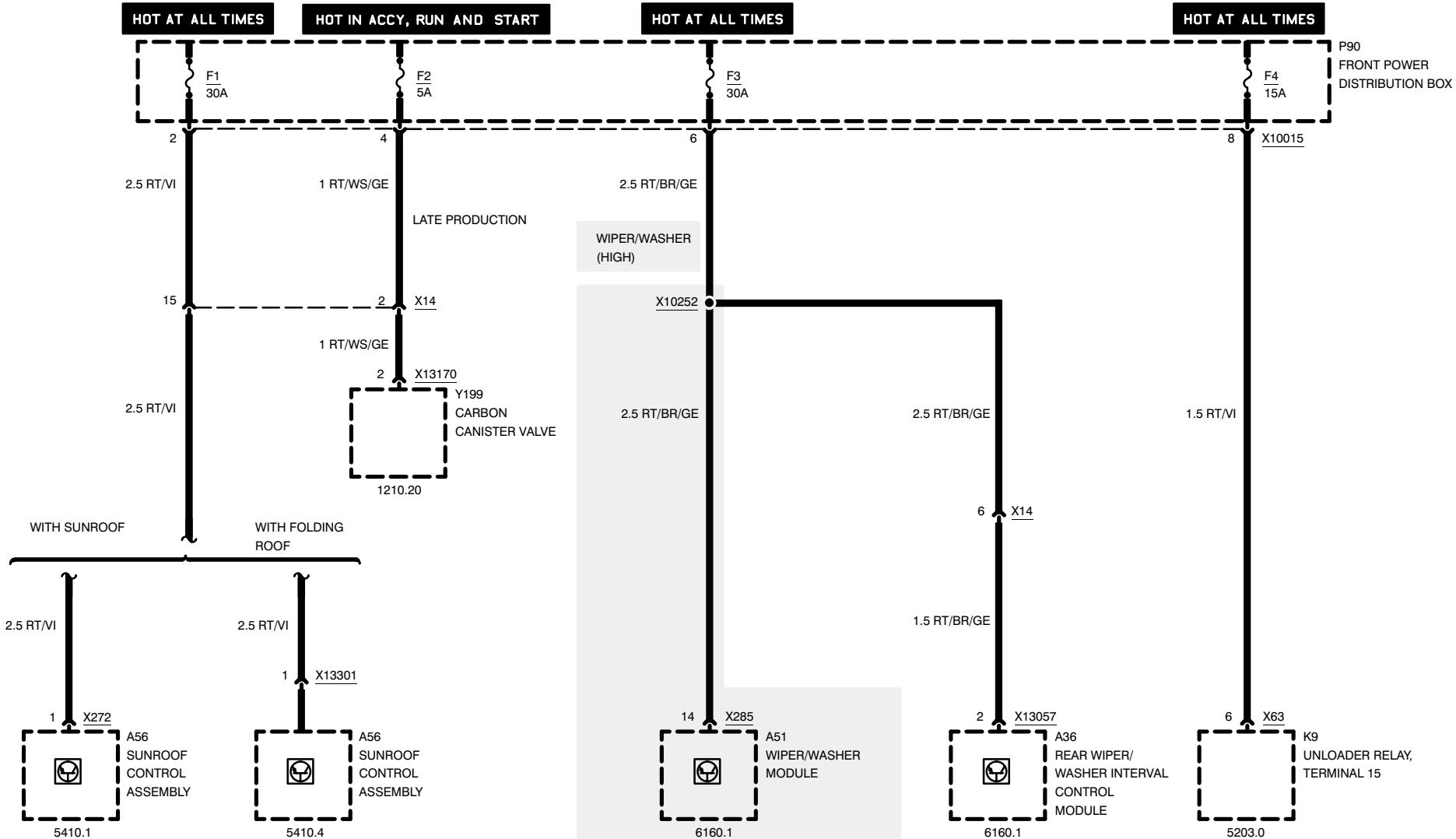
FUSE DETAILS

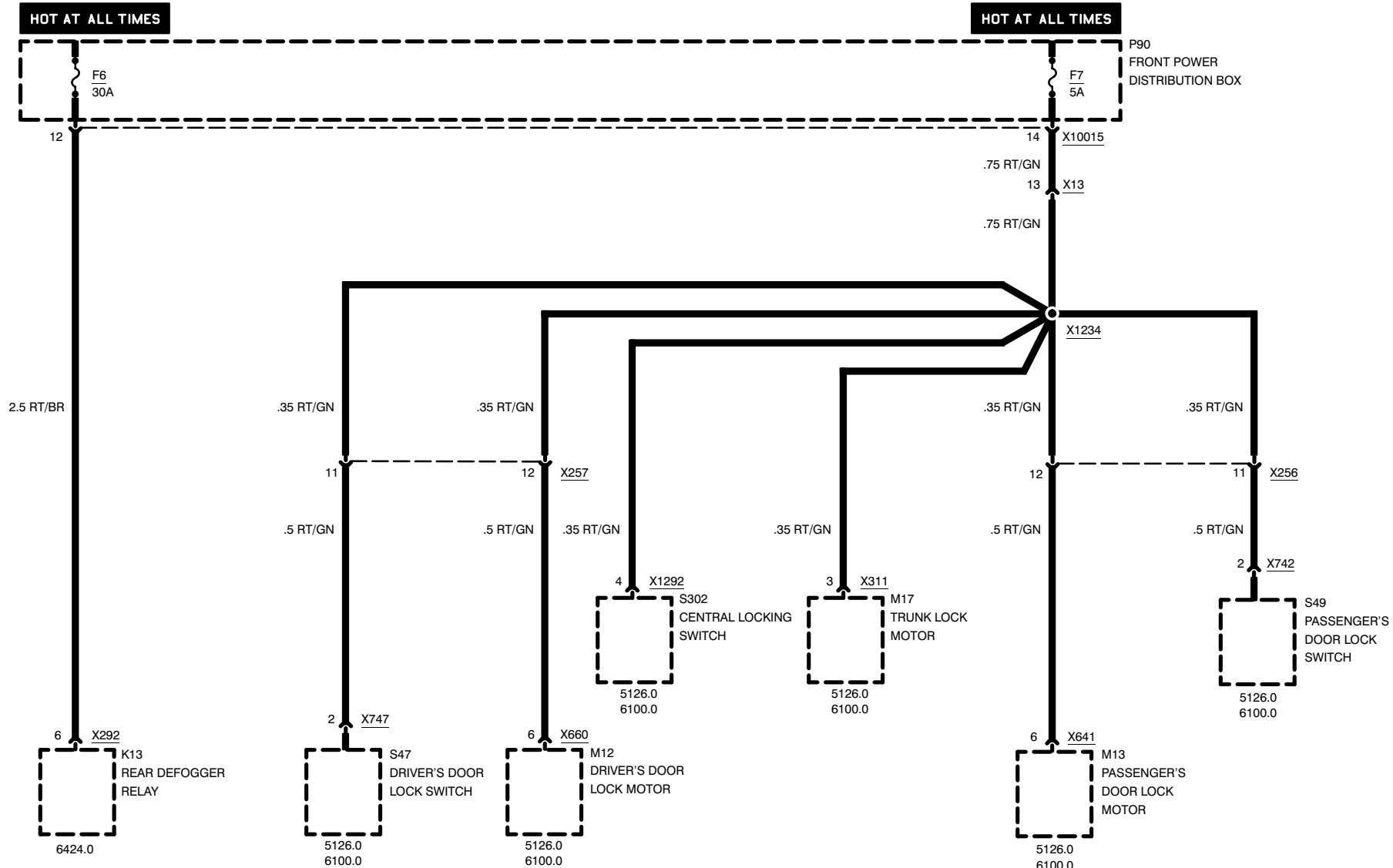
FUSES 1, 2, 3, AND 4

03/98

0670.3-00

1997



FUSE DETAILS**FUSES 6 AND 7**

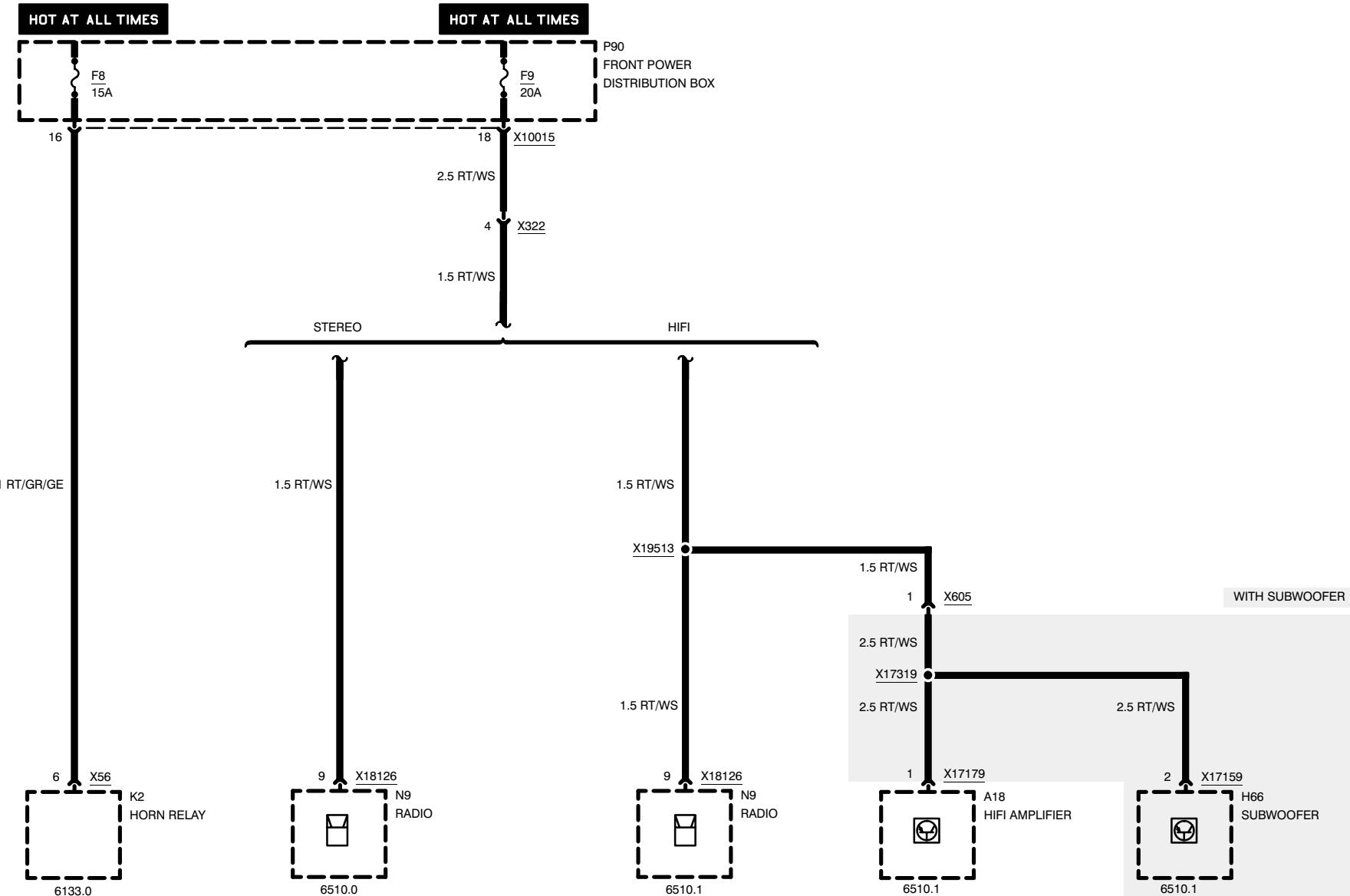
FUSE DETAILS

FUSES 8 AND 9

03/98

0670.3-02

1997



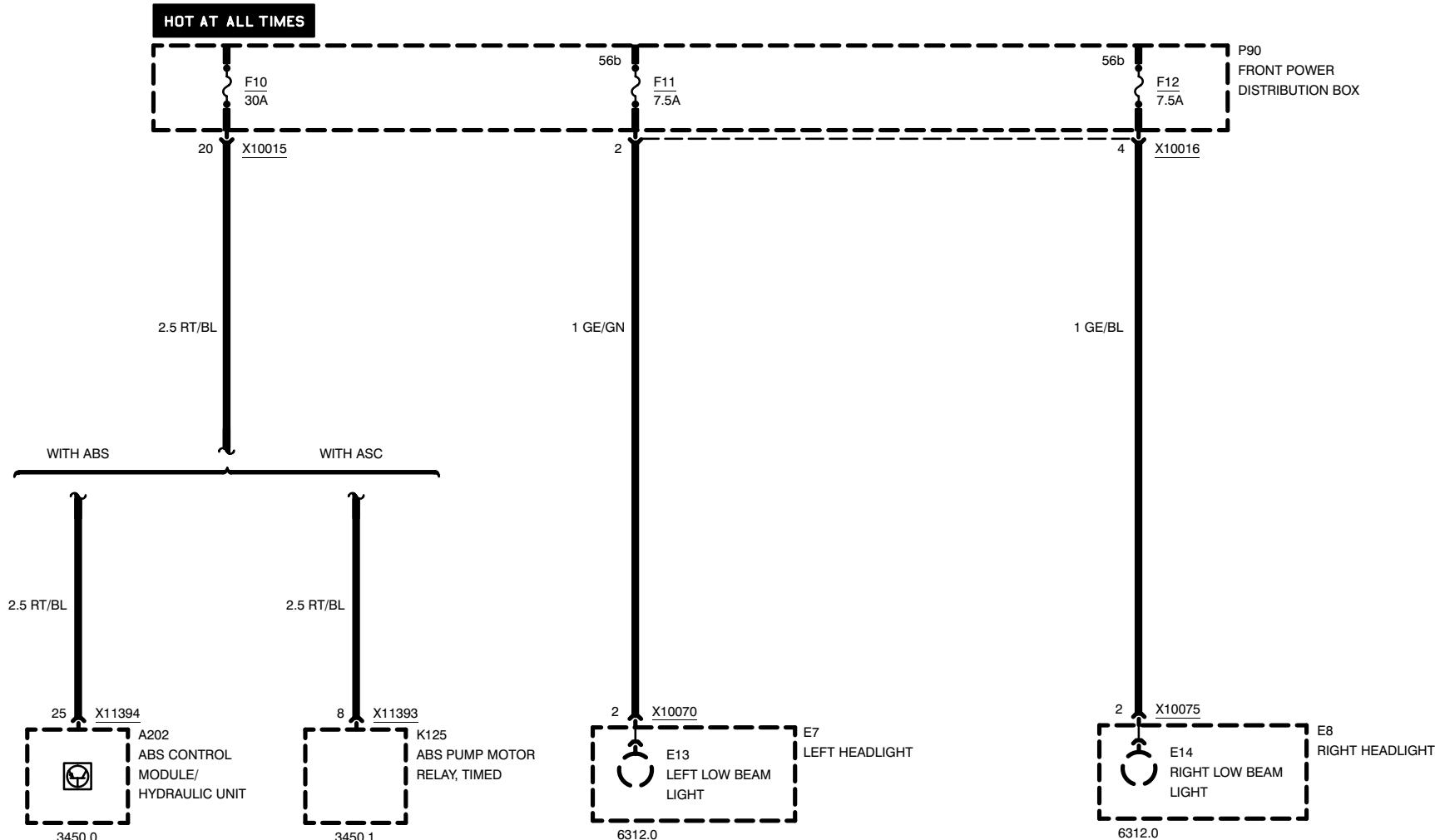
FUSE DETAILS

FUSES 10, 11, AND 12

03/98

0670.3-03

1997



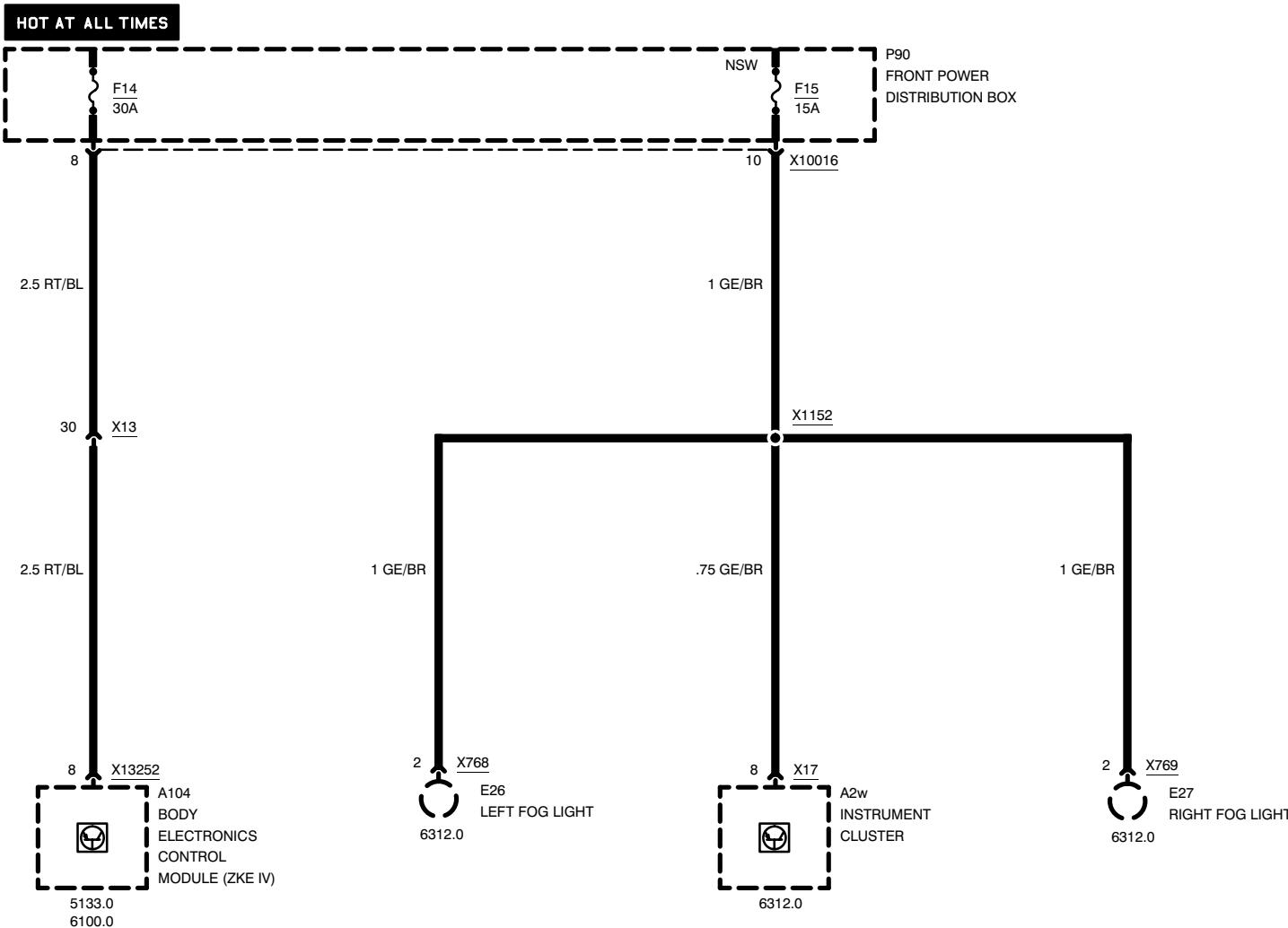
FUSE DETAILS

FUSES 14 AND 15

03/98

0670.3-04

1997



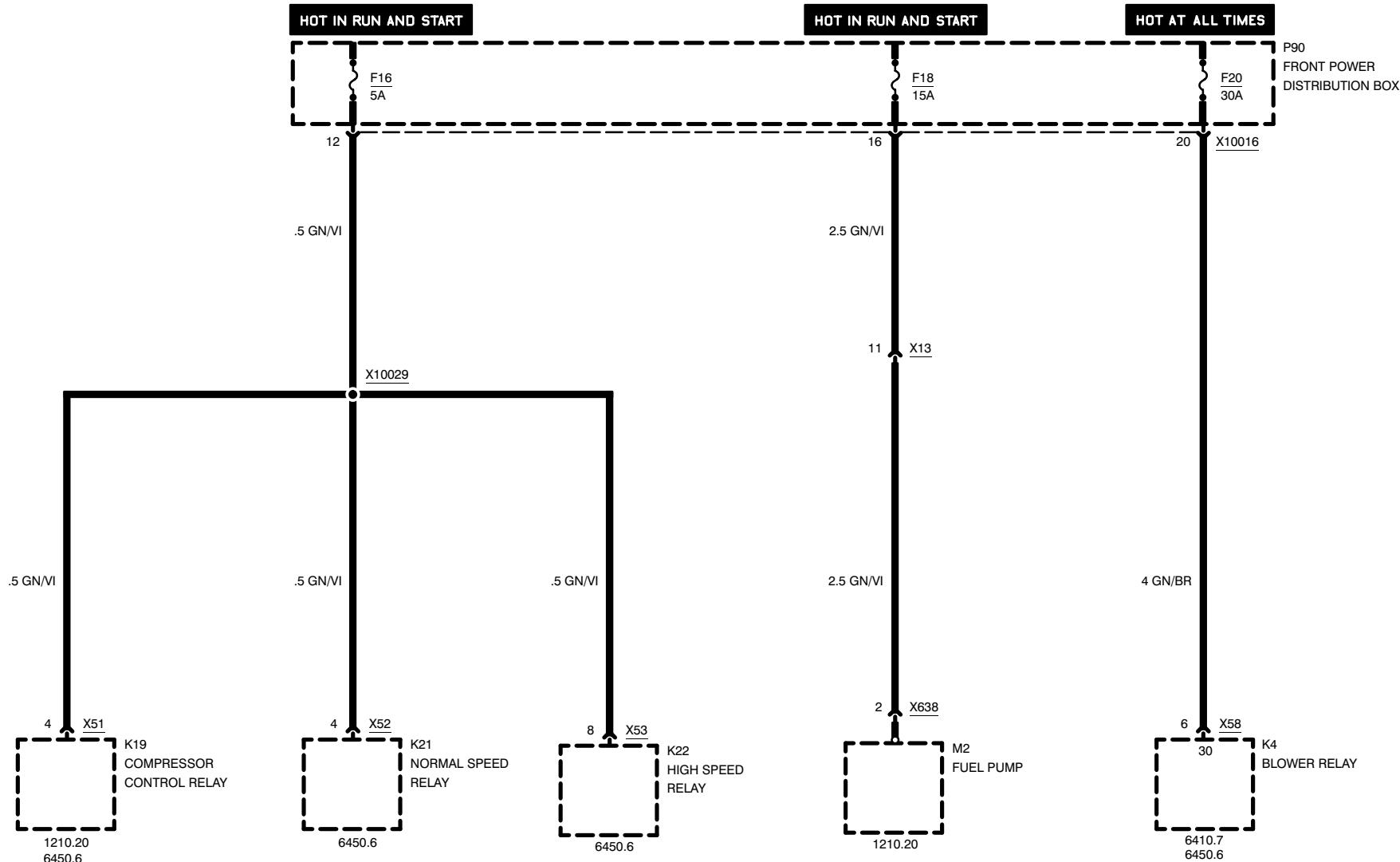
FUSE DETAILS

FUSES 16, 18, AND 20

03/98

0670.3-05

1997



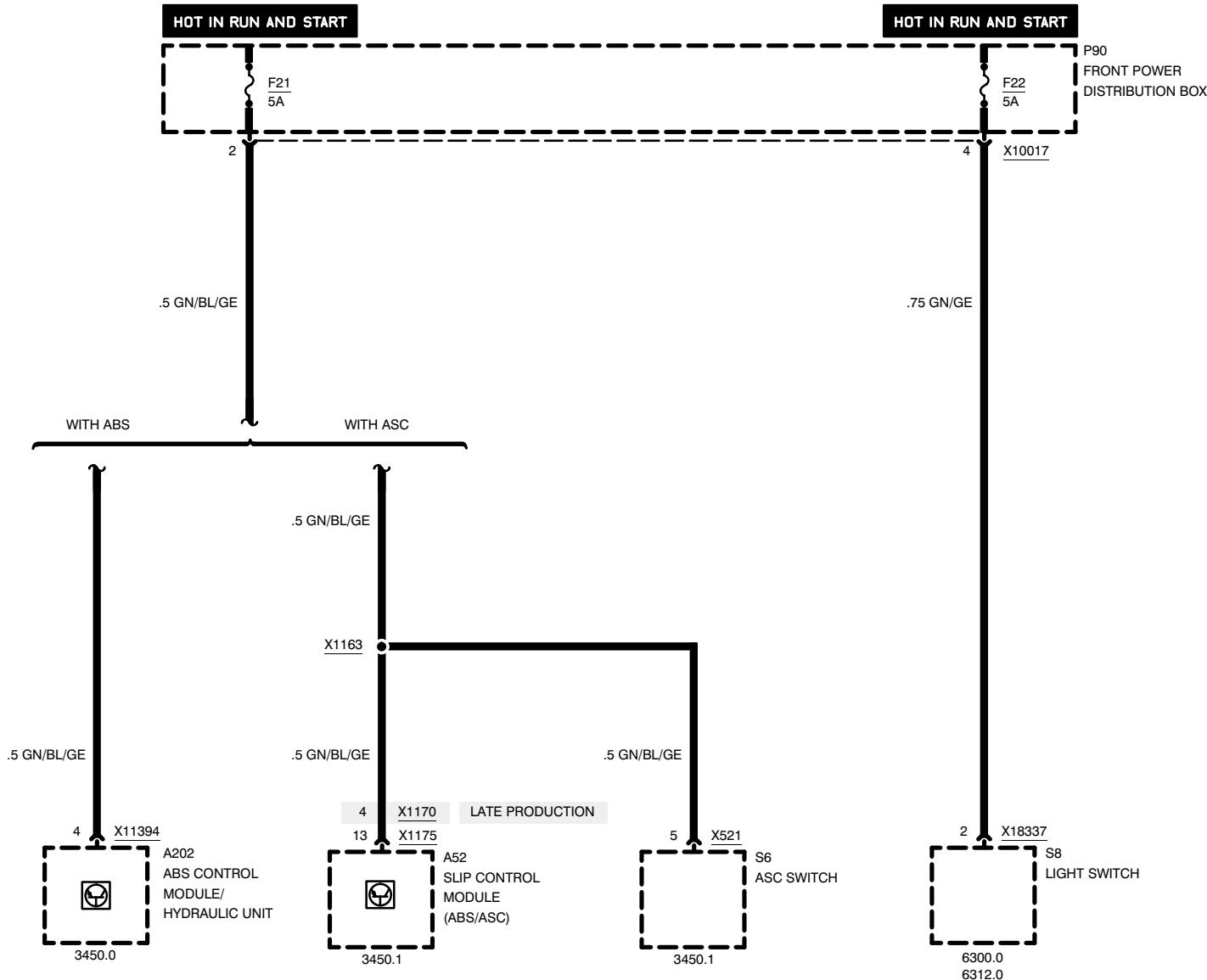
FUSE DETAILS

FUSES 21 AND 22

03/98

0670.3-06

1997

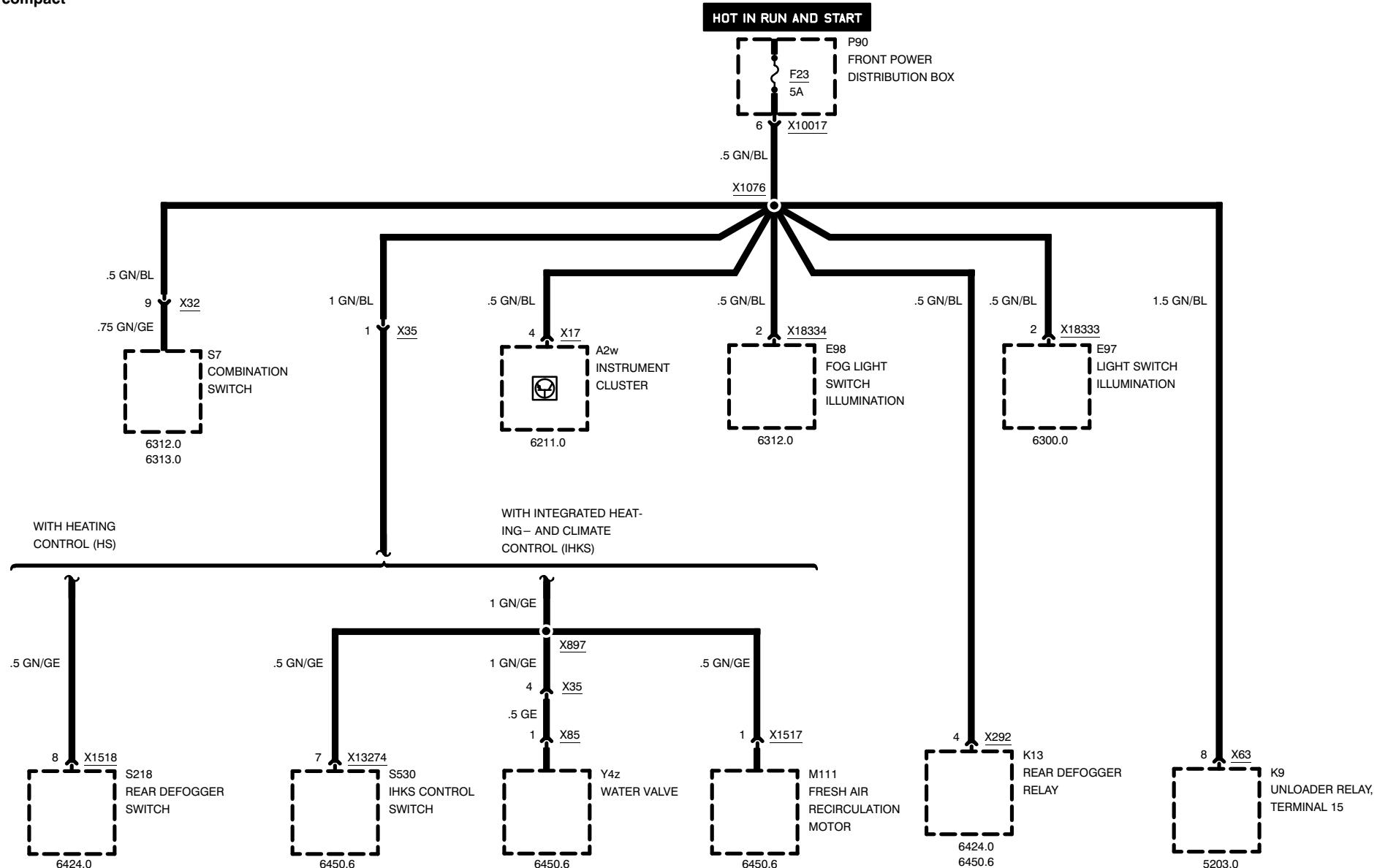


FUSE DETAILS

FUSE 23

03/98

0670.3-07 1997



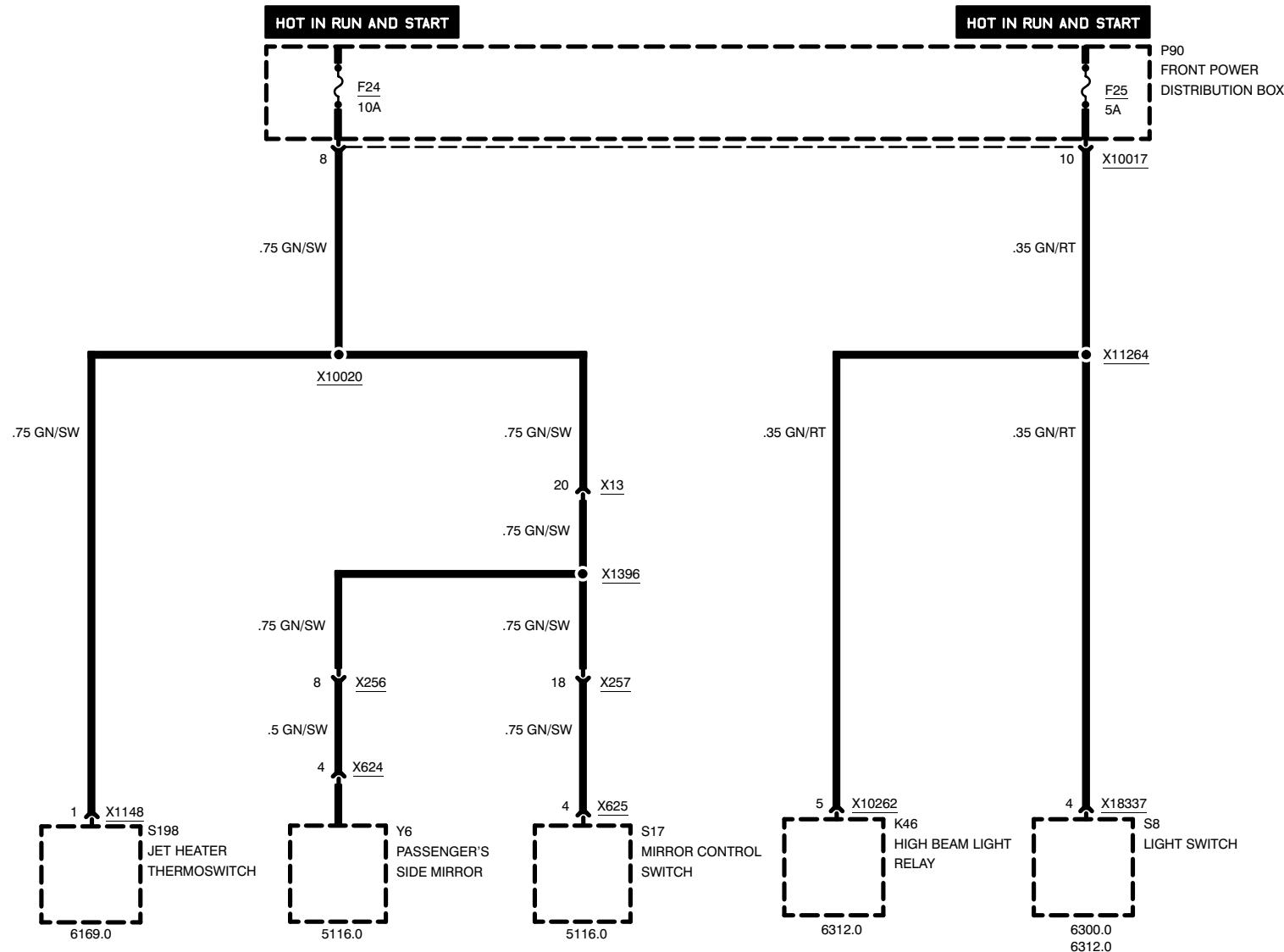
FUSE DETAILS

FUSES 24 AND 25

03/98

0670.3-08

1997



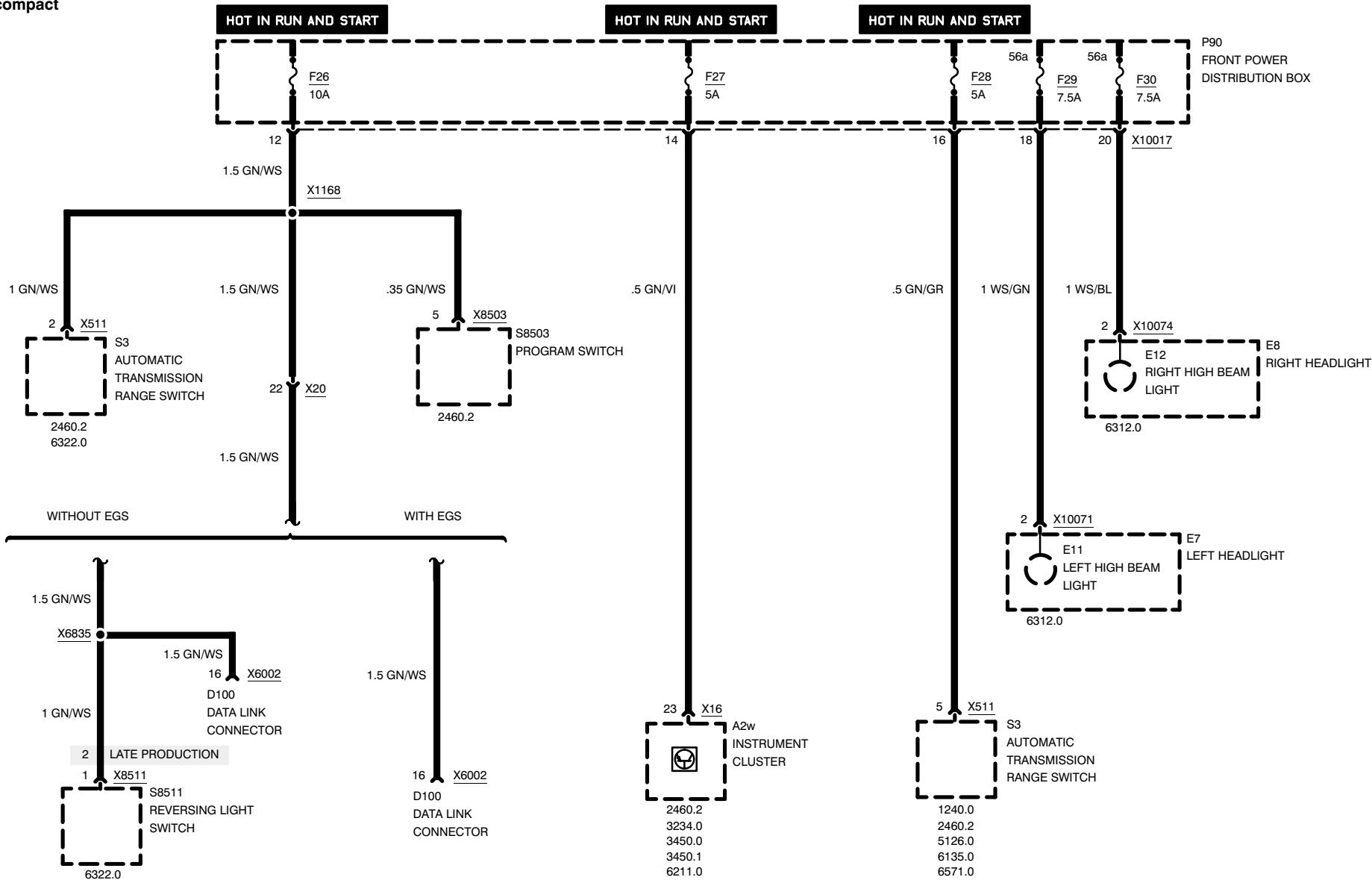
FUSE DETAILS

FUSES 26, 27, 28, 29, AND 30

03/98

0670.3-09

1997



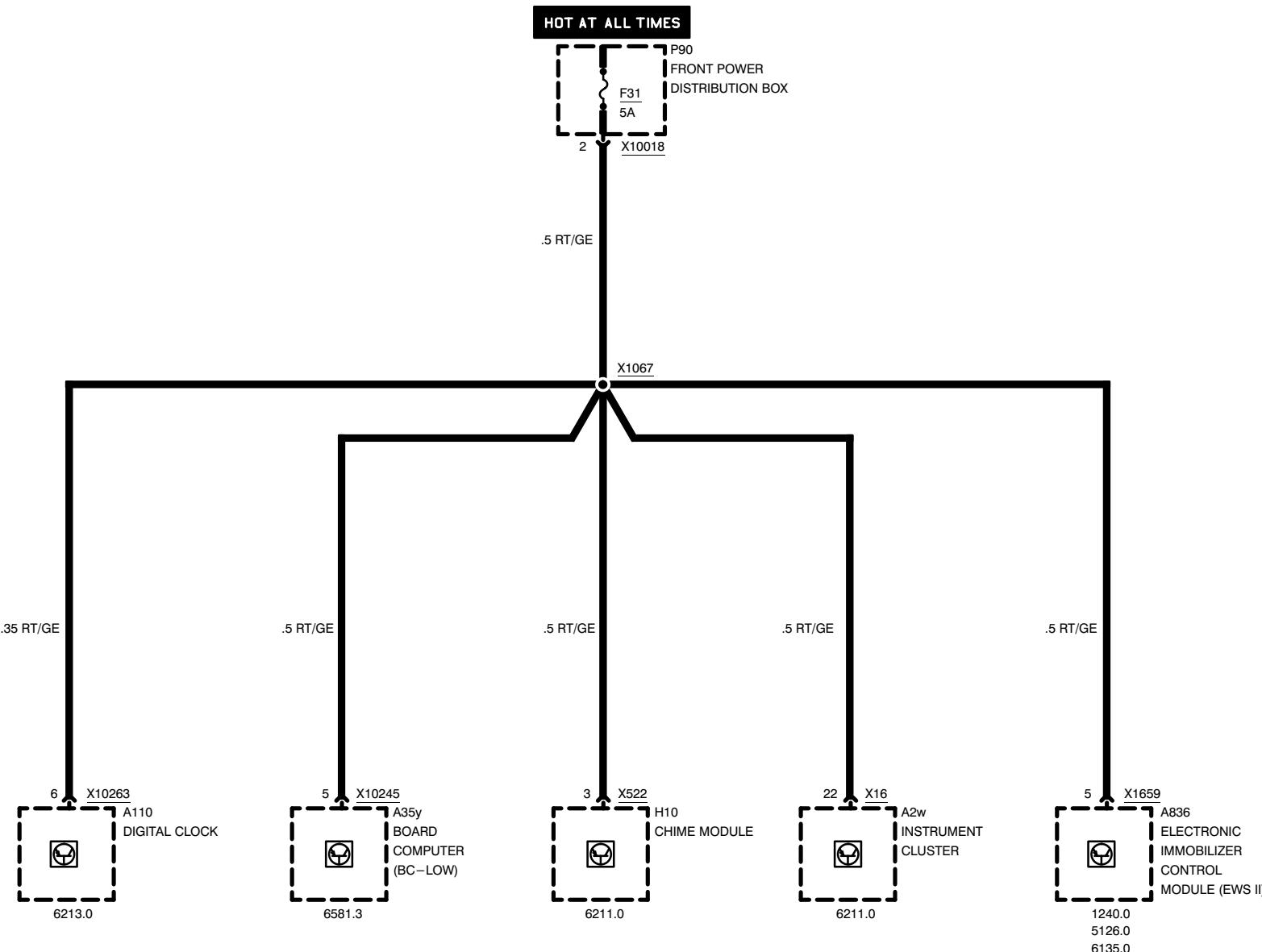
FUSE DETAILS

FUSE 31

03/98

0670.3-10

1997



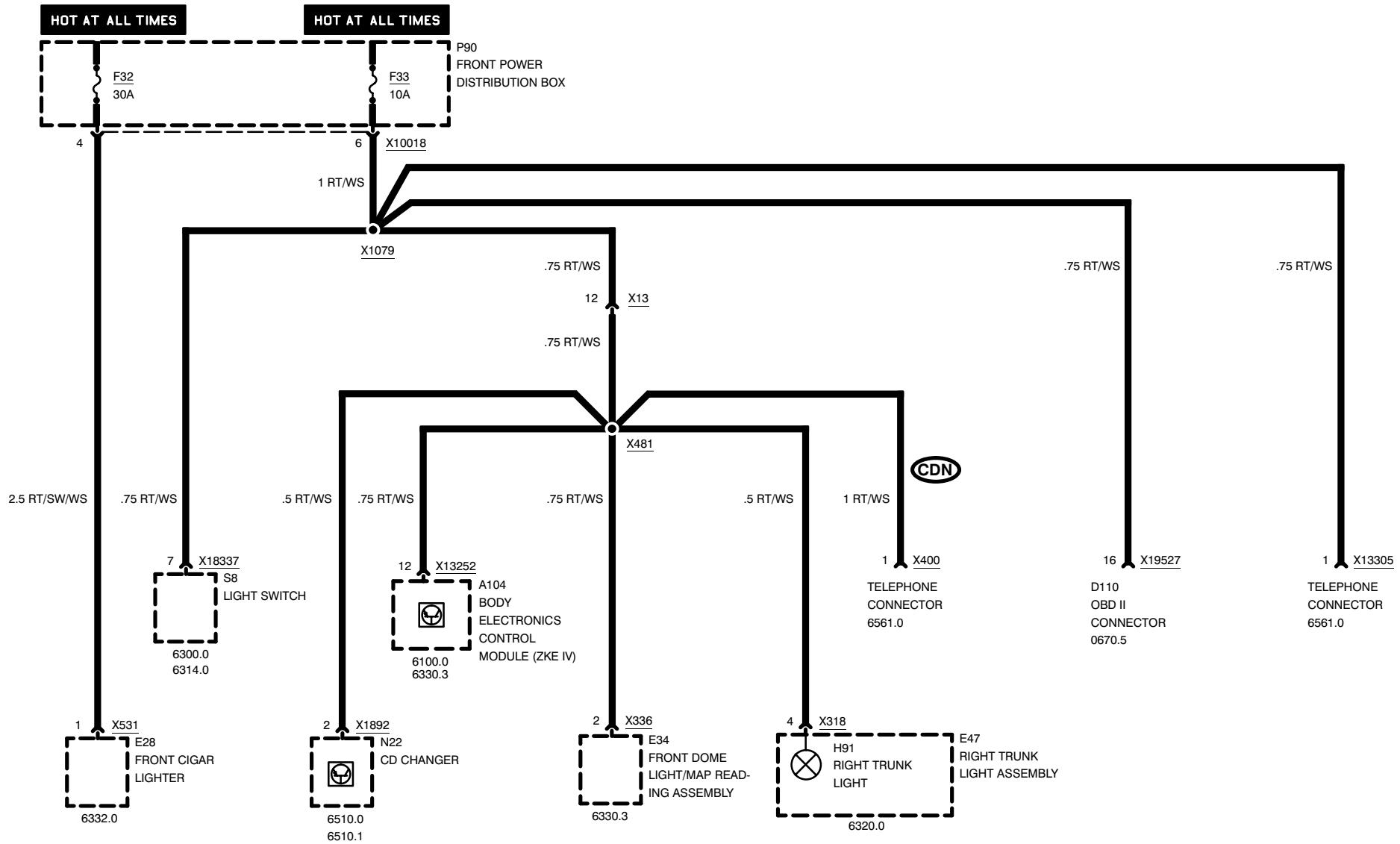
FUSE DETAILS

FUSES 32 AND 33

03/98

0670.3-11

1997



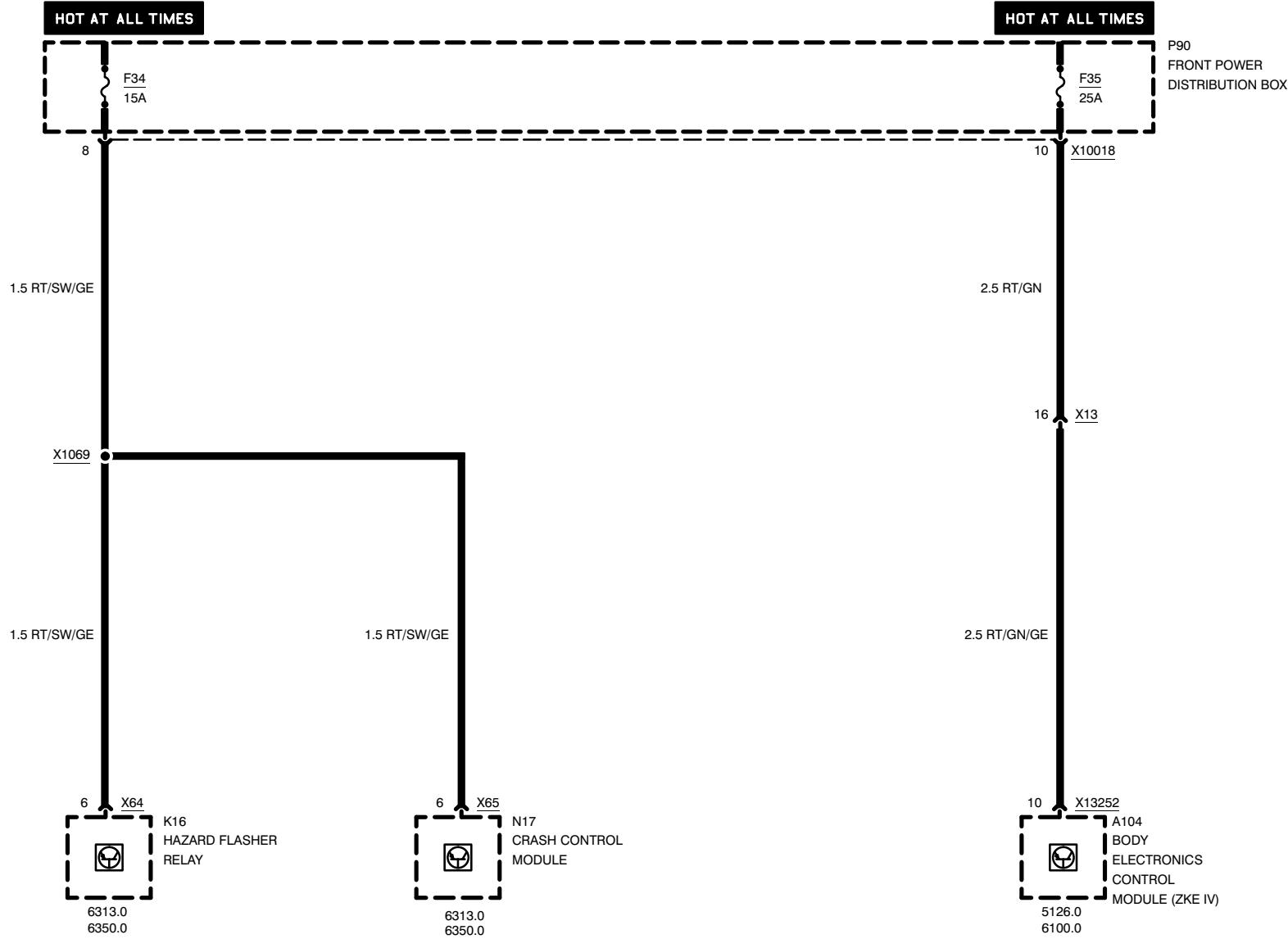
FUSE DETAILS

FUSES 34 AND 35

03/98

0670.3-12

1997



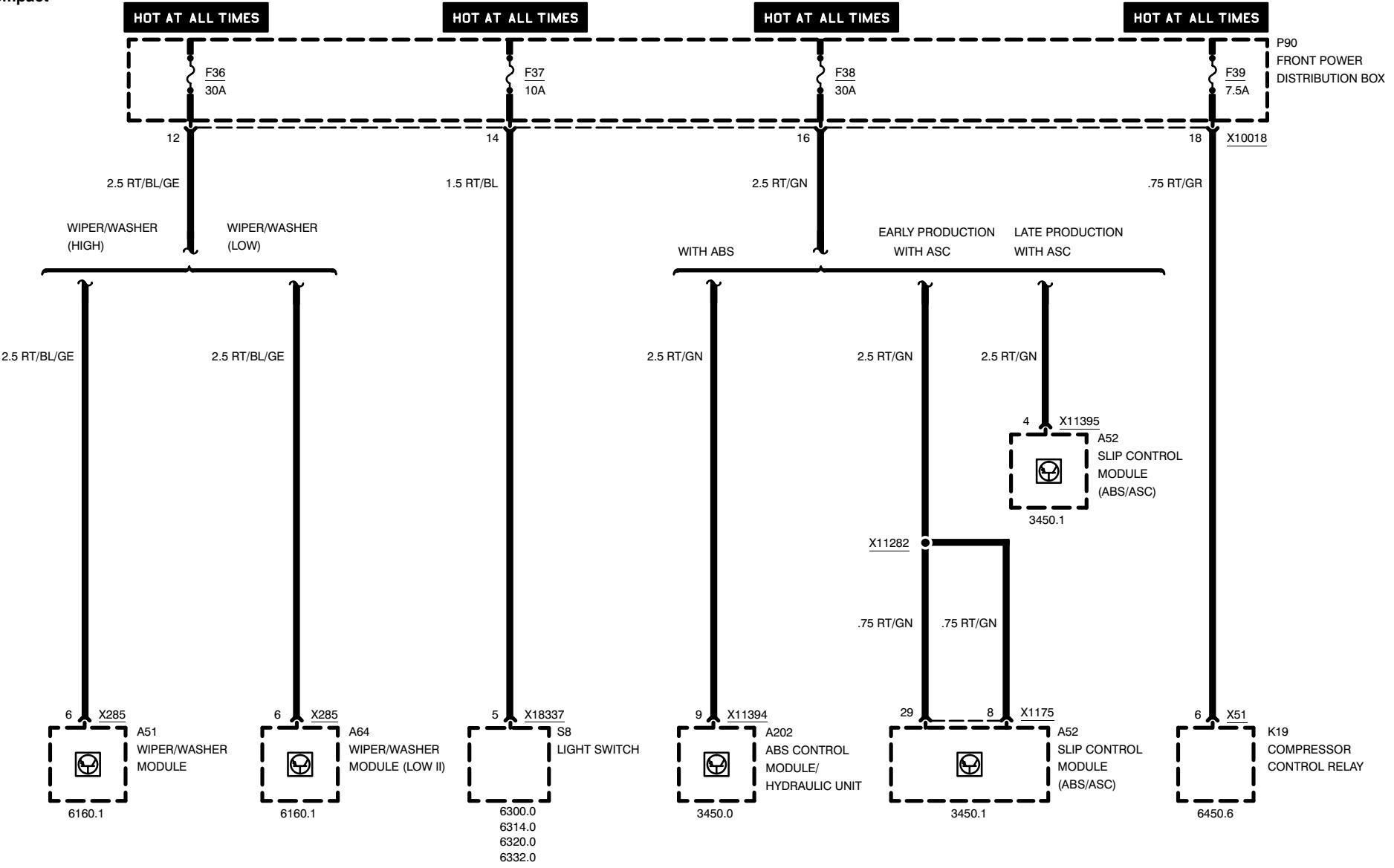
FUSE DETAILS

FUSES 36, 37, 38, AND 39

03/98

0670.3-13

1997



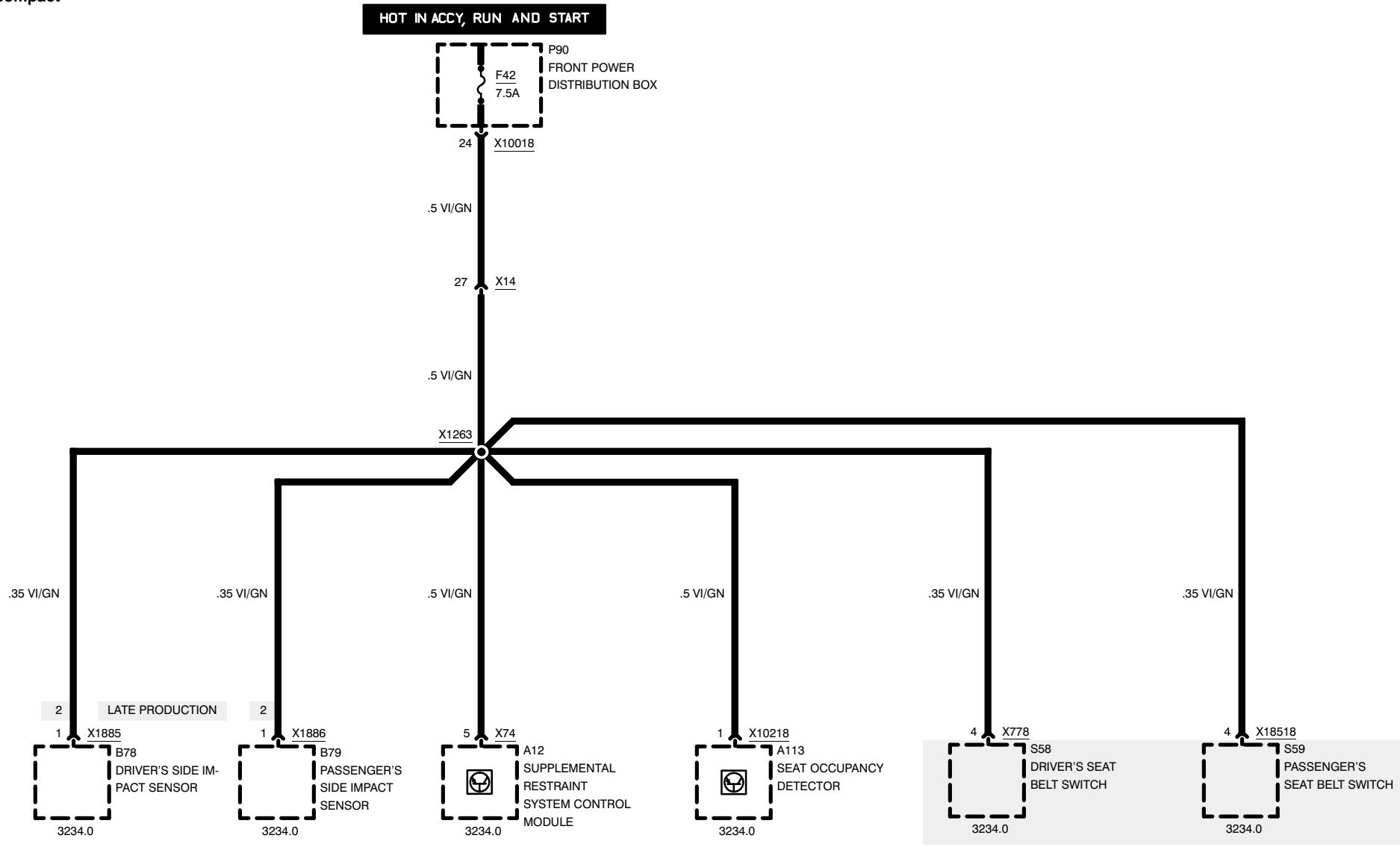
FUSE DETAILS

FUSE 42

03/98

0670.3-14

1997



LATE PRODUCTION

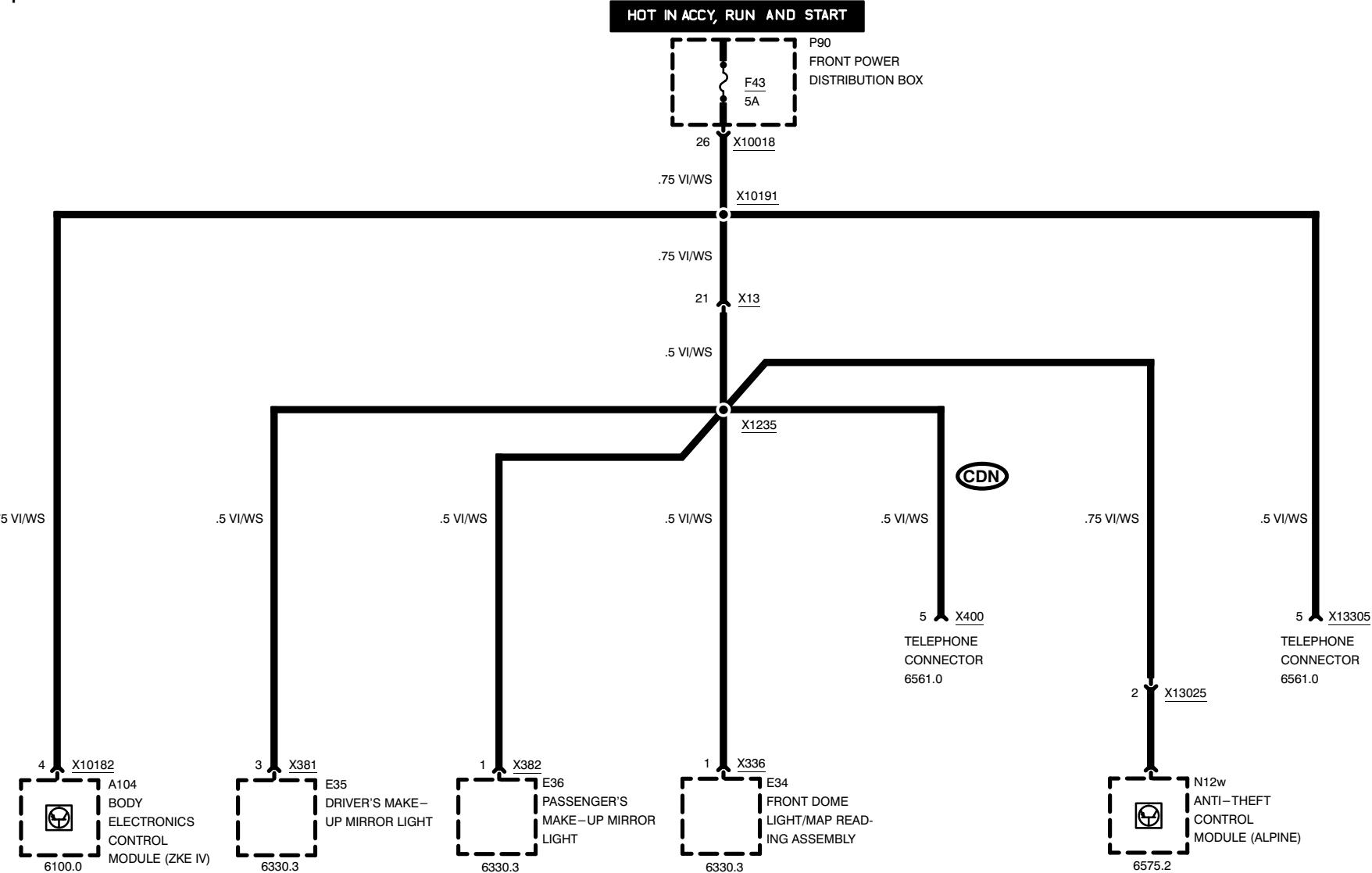
FUSE DETAILS

FUSE 43

03/98

0670.3-15

1997



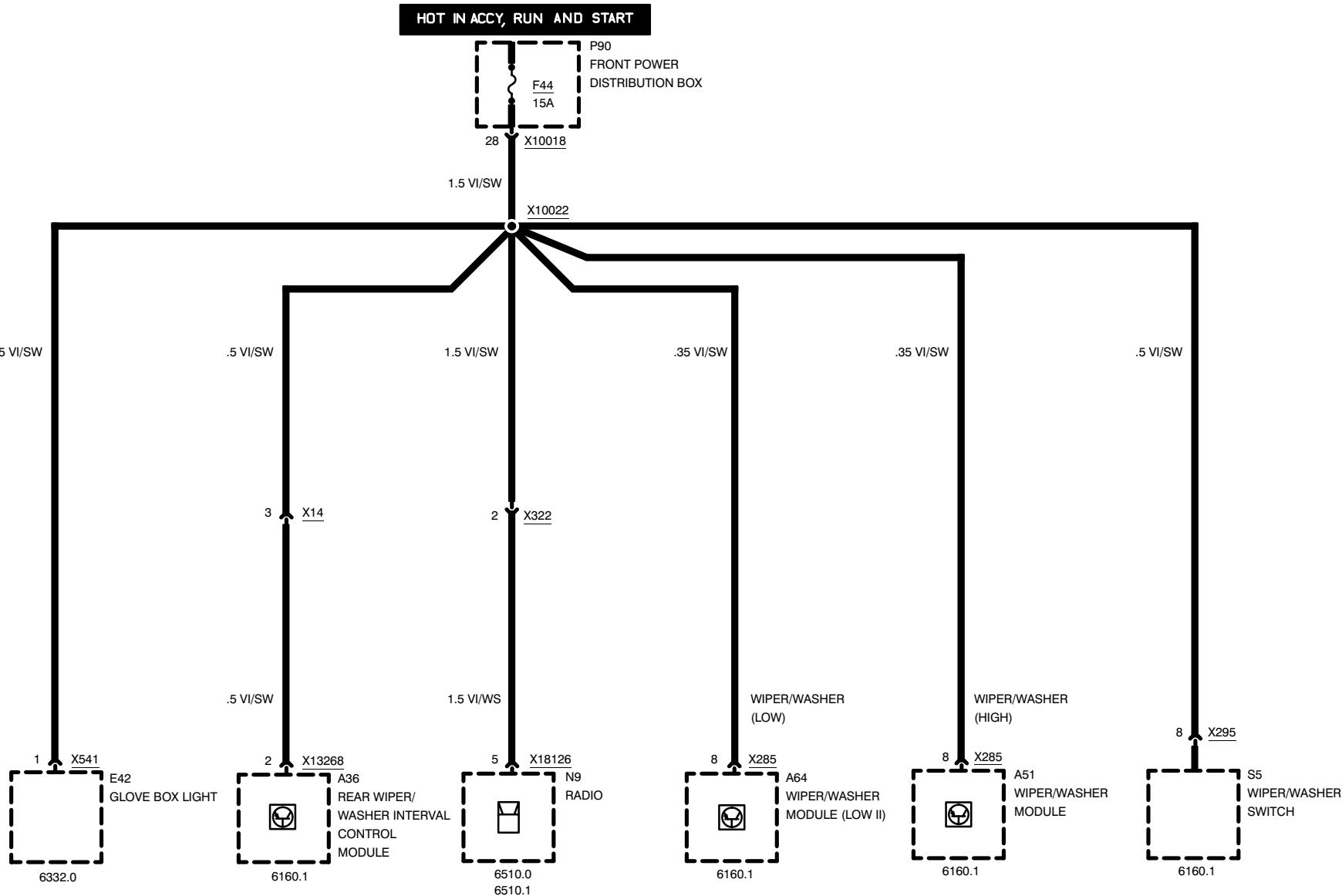
FUSE DETAILS

FUSE 44

03/98

0670.3-16

1997



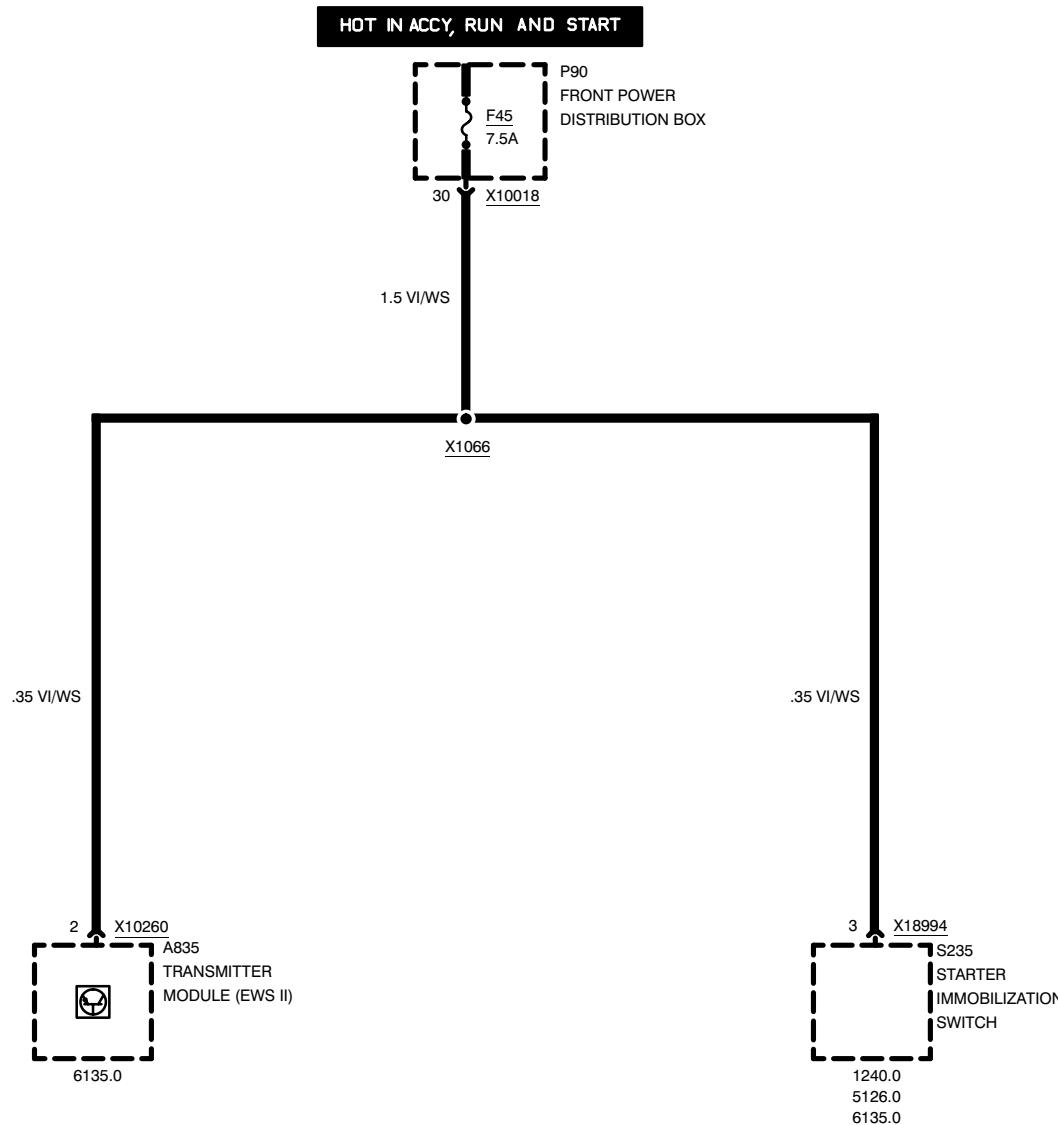
FUSE DETAILS

FUSE 45

03/98

0670.3-17

1997



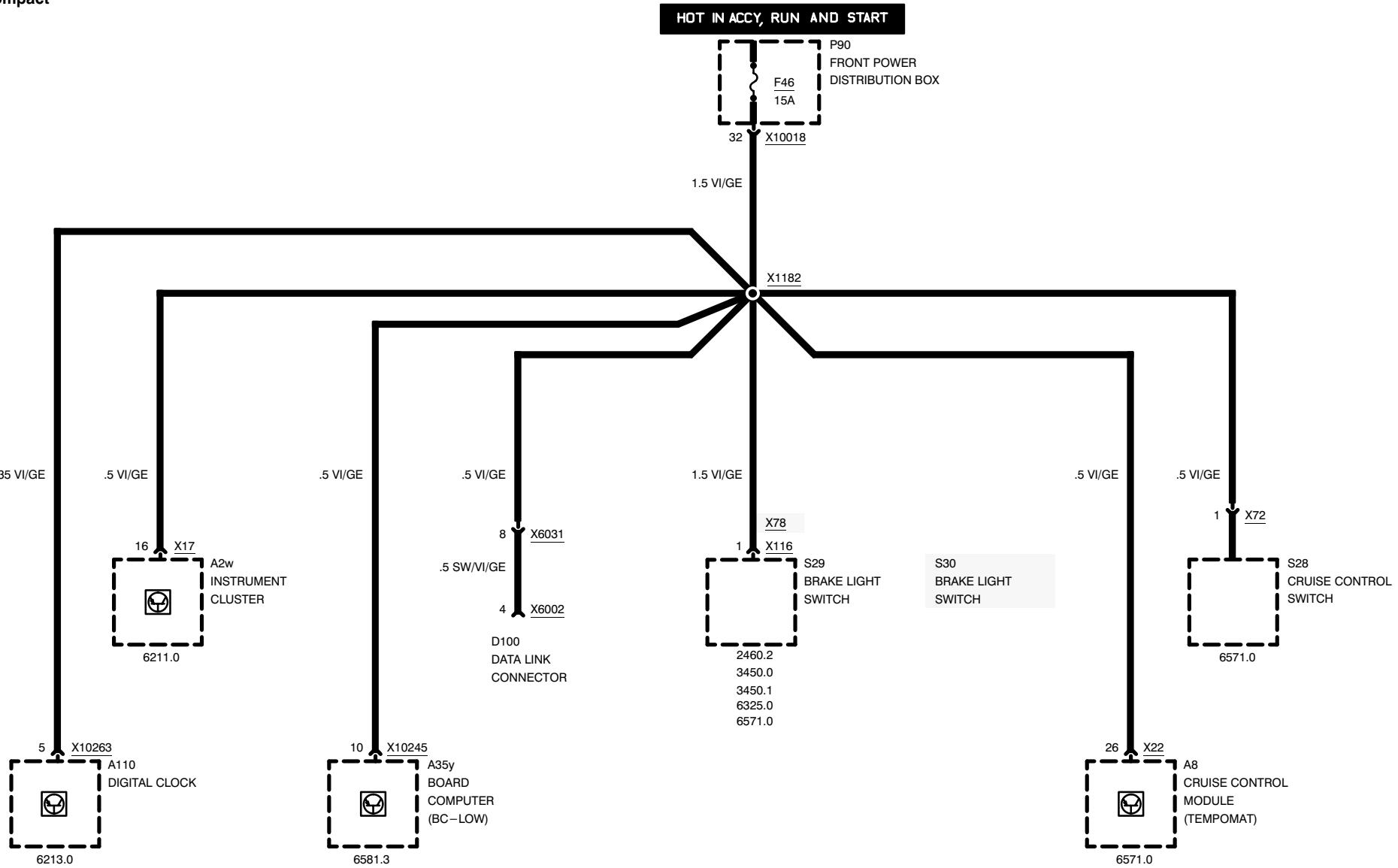
FUSE DETAILS

FUSE 46

03/98

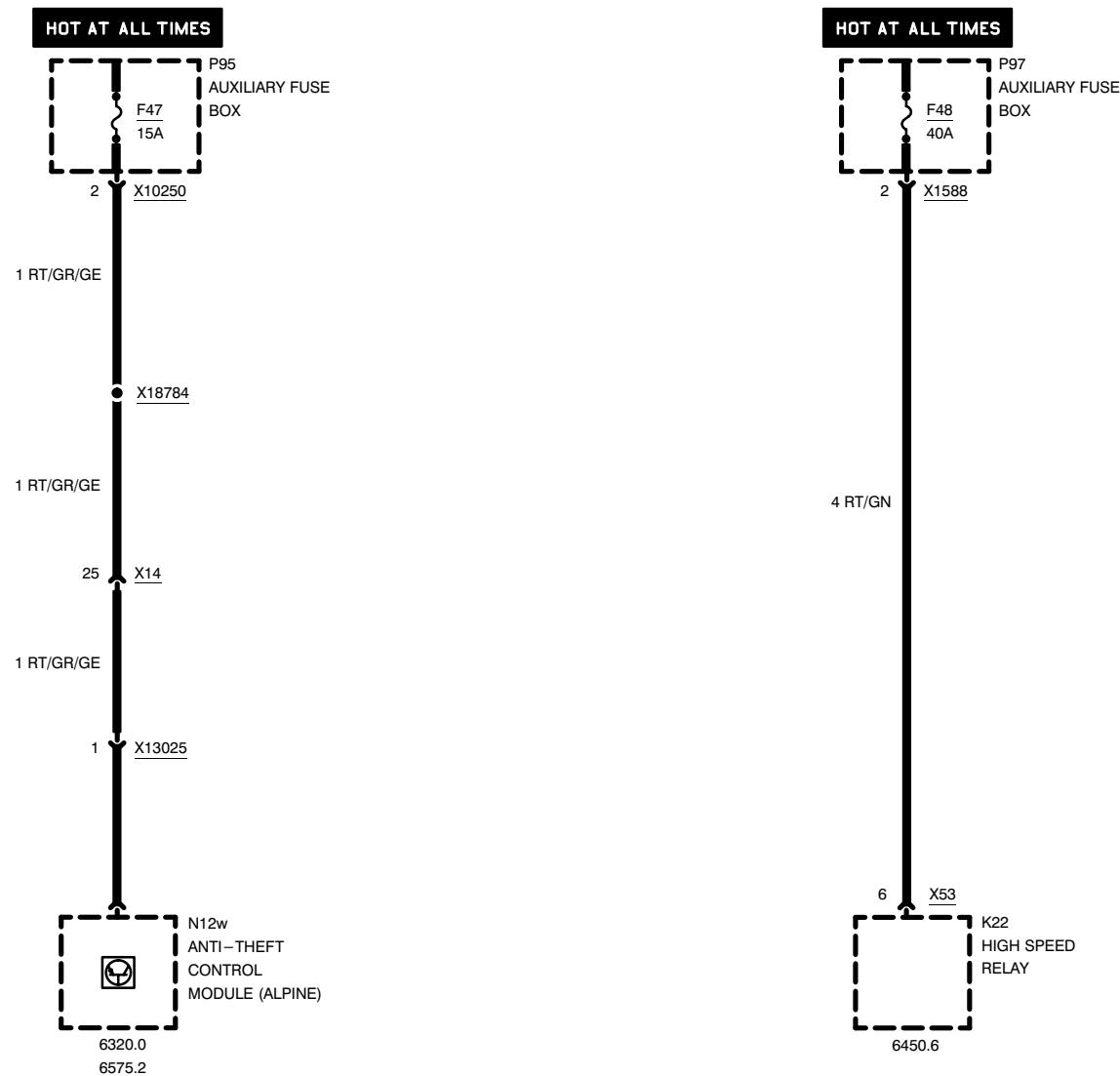
0670.3-18

1997



FUSE DETAILS

FUSES 47 AND 48





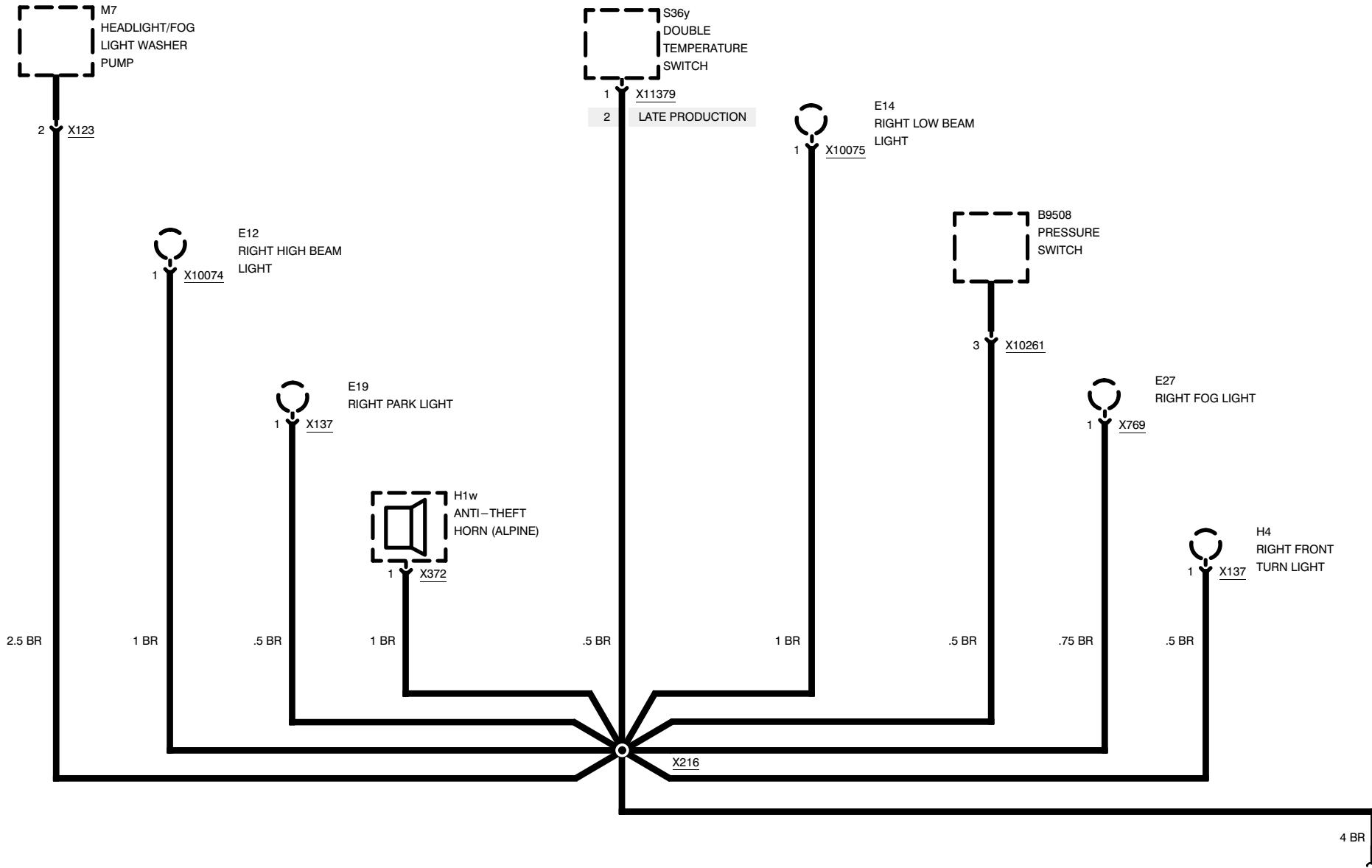
GROUND DISTRIBUTION

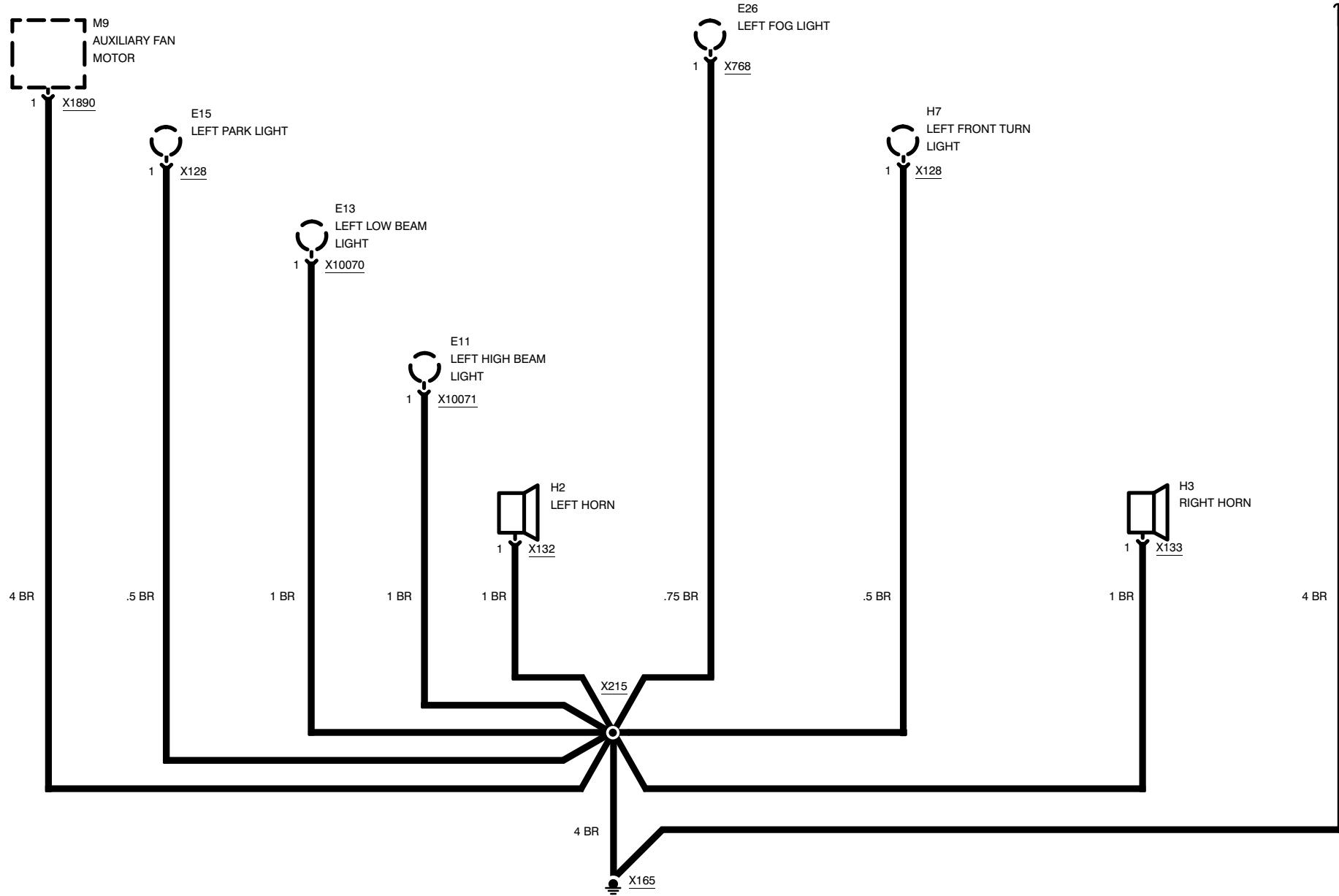
GROUND X165

03/98

0670-4-00

1997





03/98

0670.4-01

1997

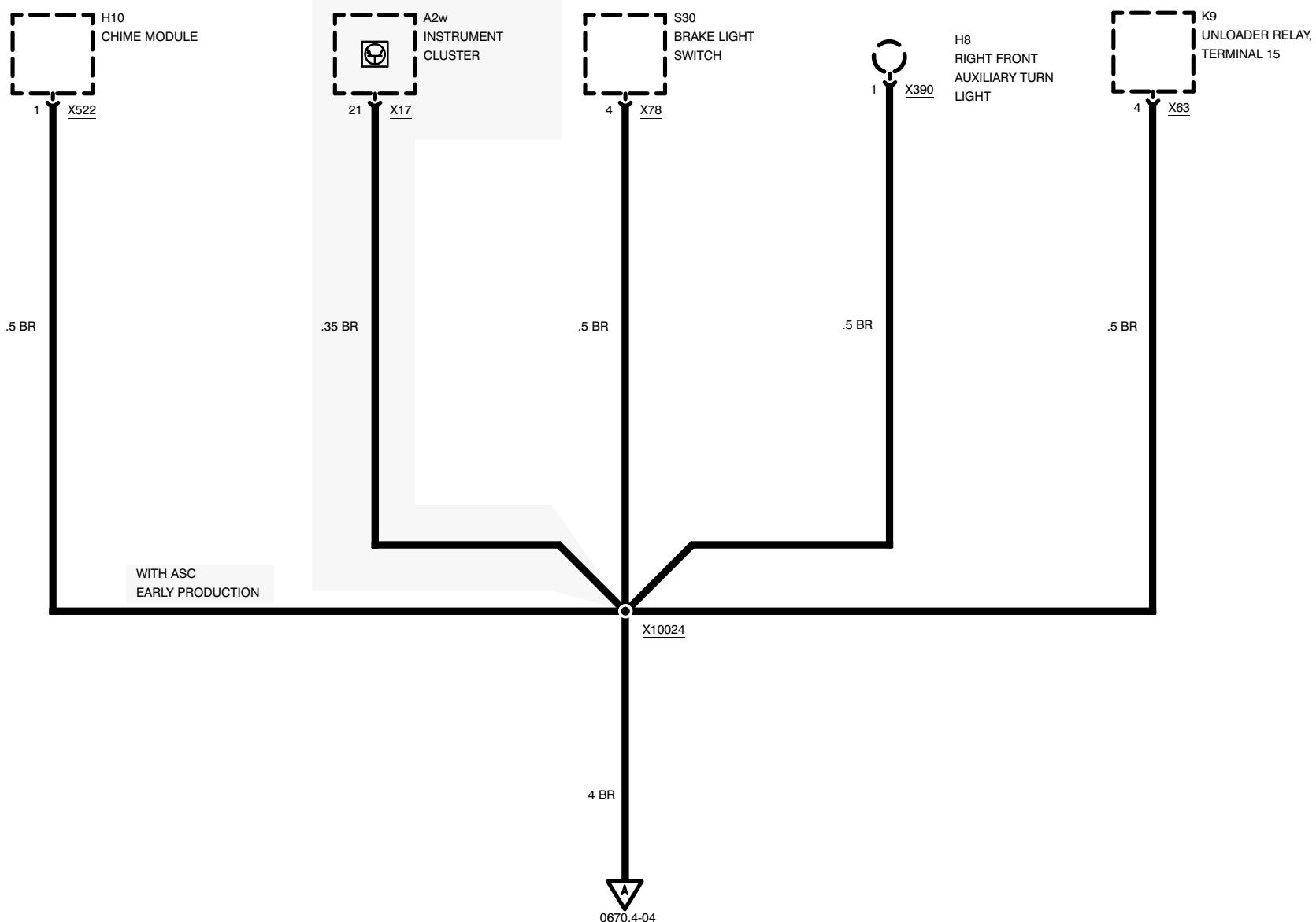
GROUND DISTRIBUTION

GROUND X173

03/98

0670.4-02

1997



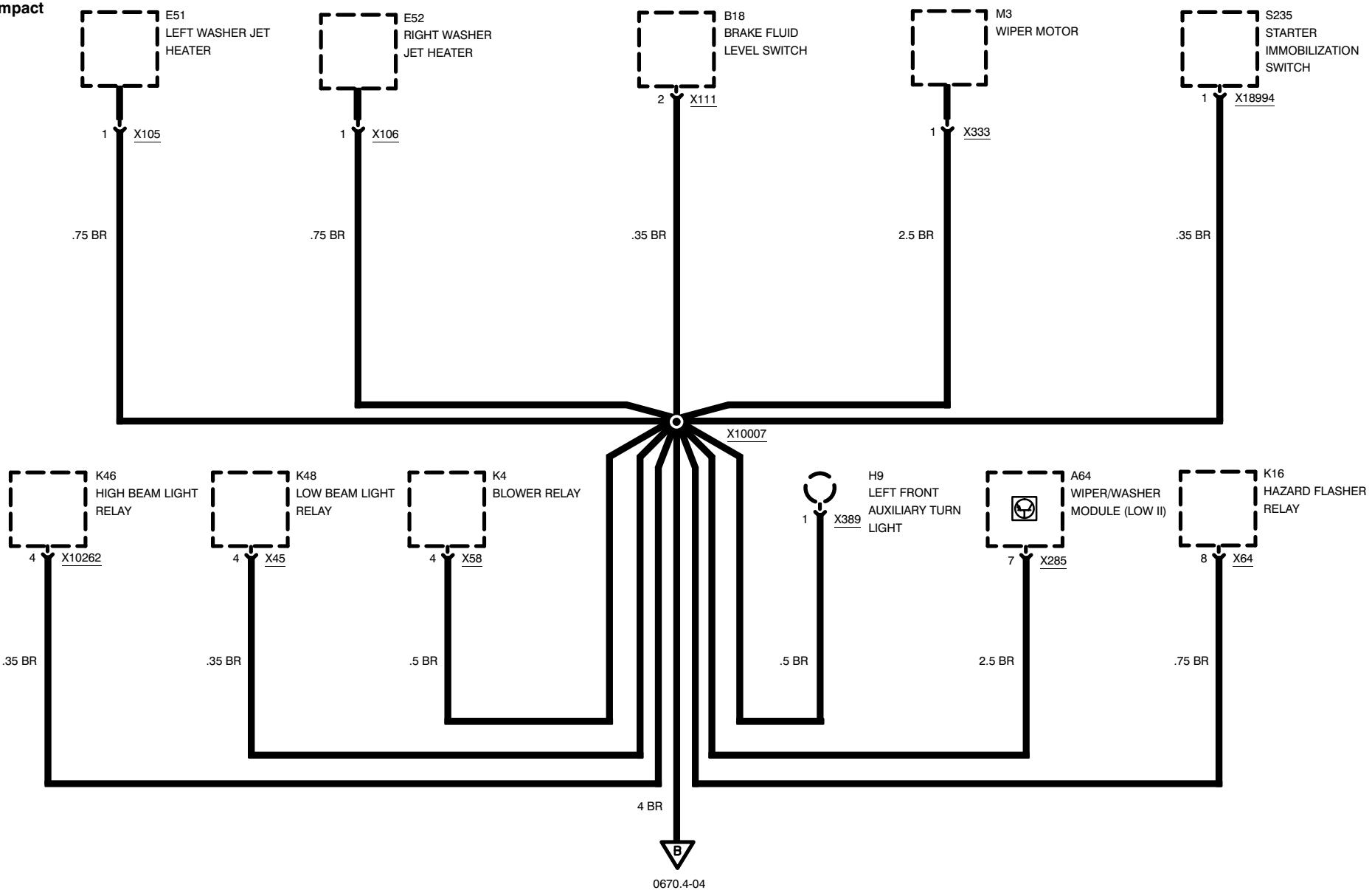
GROUND DISTRIBUTION

GROUND X173

03/98

0670.4-03

1997





GROUND DISTRIBUTION

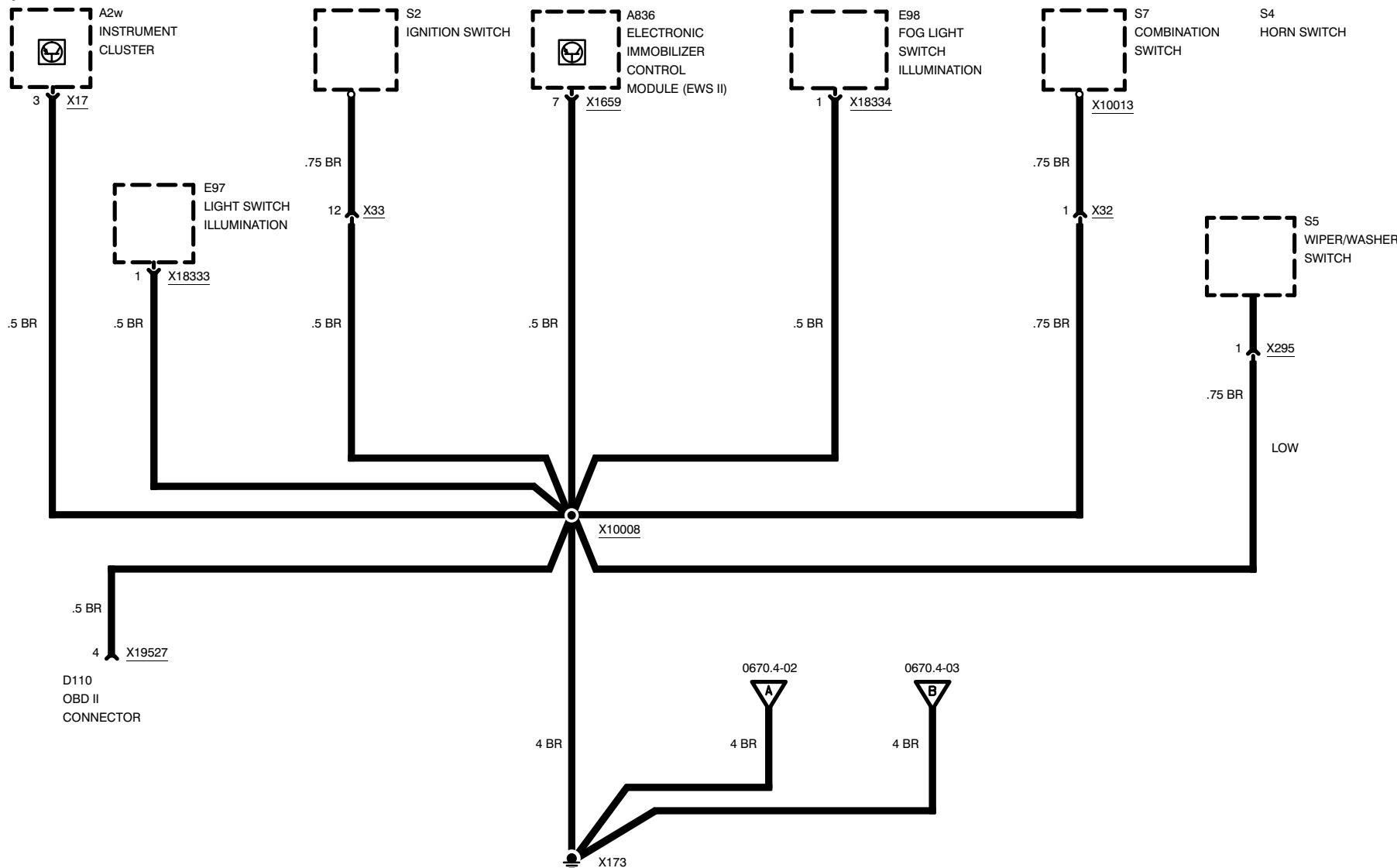
GROUND X173

03/98

0670.4-04

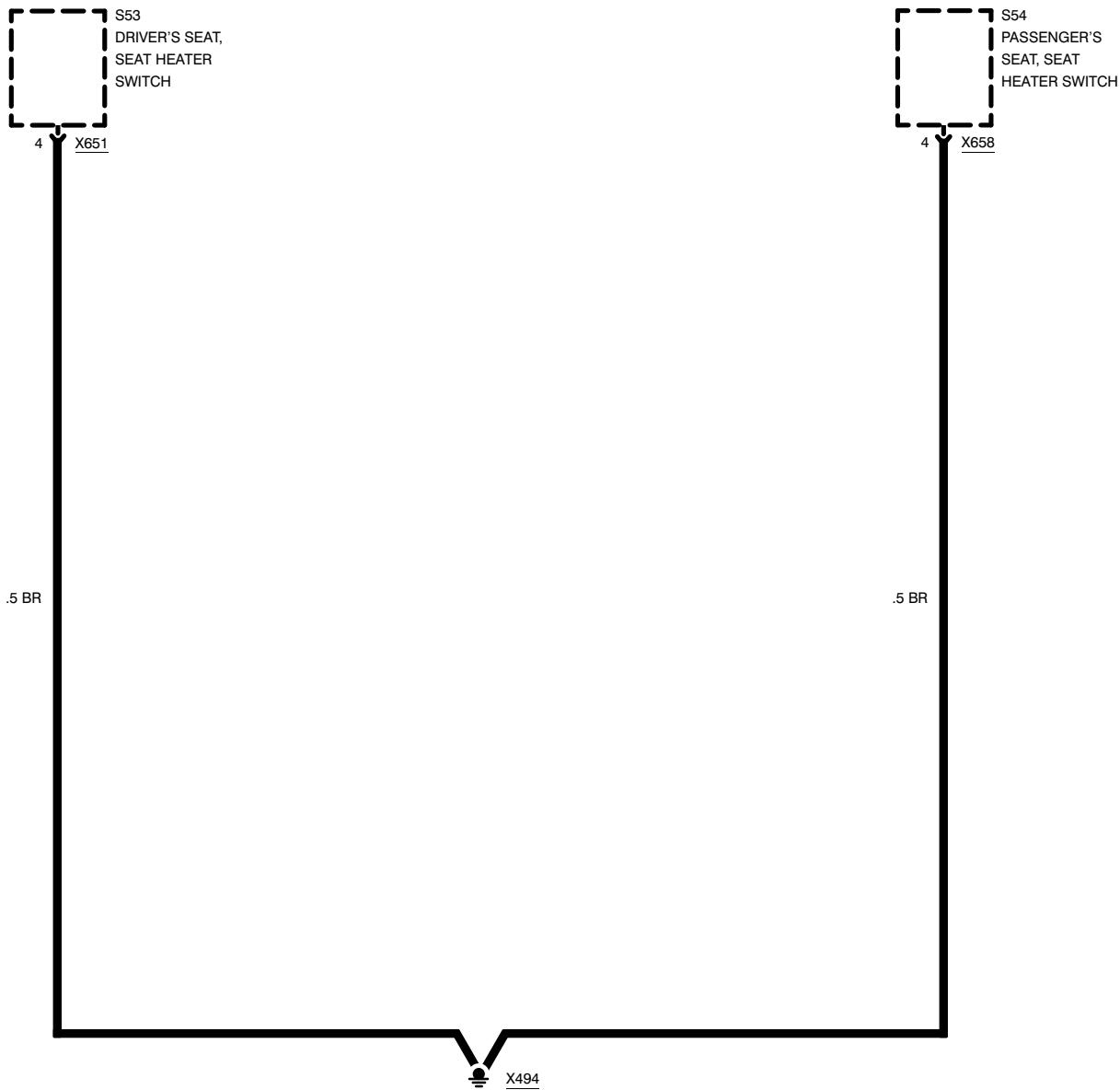
1997

compact



GROUND DISTRIBUTION

GROUND X494



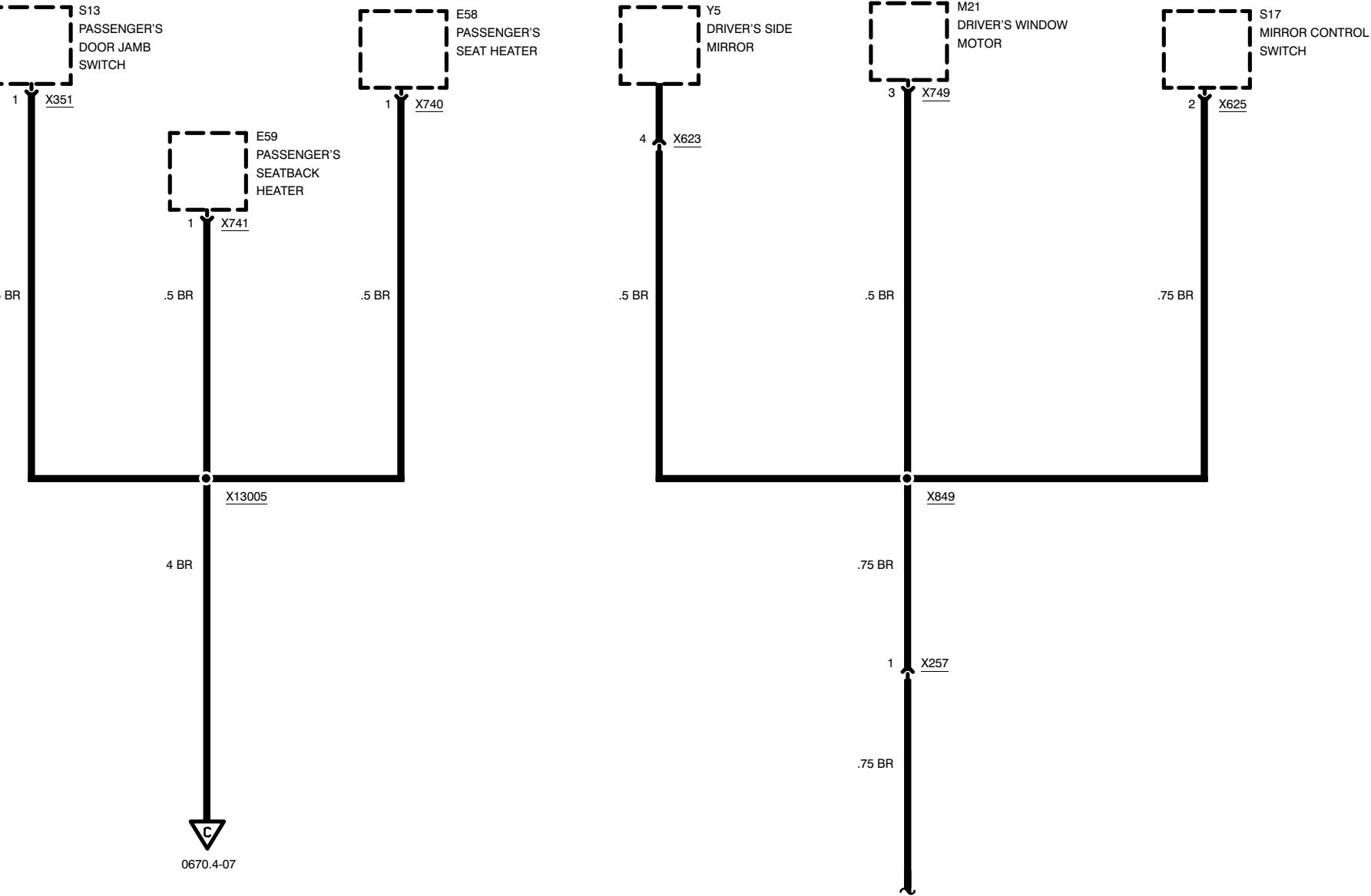
GROUND DISTRIBUTION

GROUND X495

03/98

0670.4-06

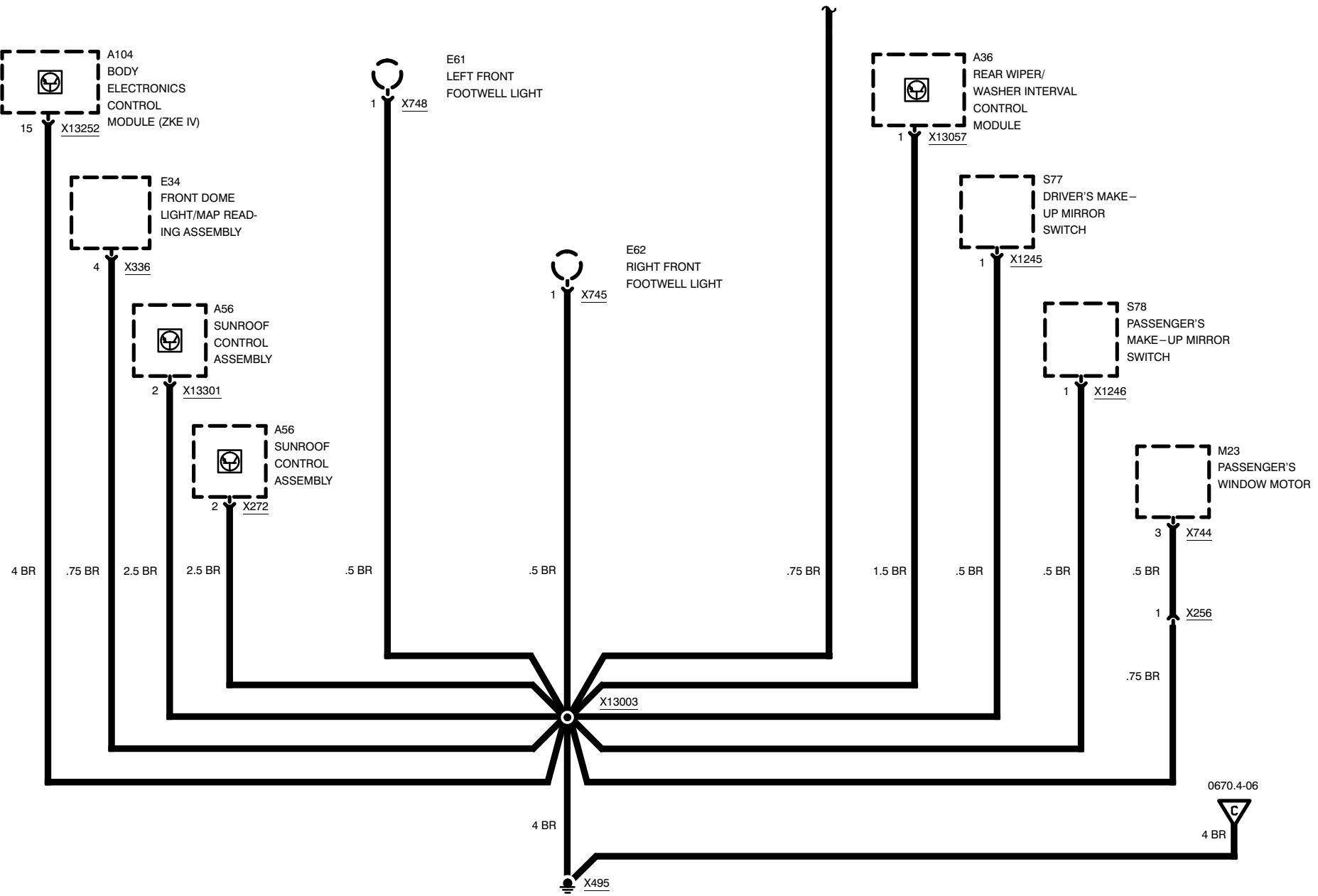
1997



0670.4-06

4 BR

C



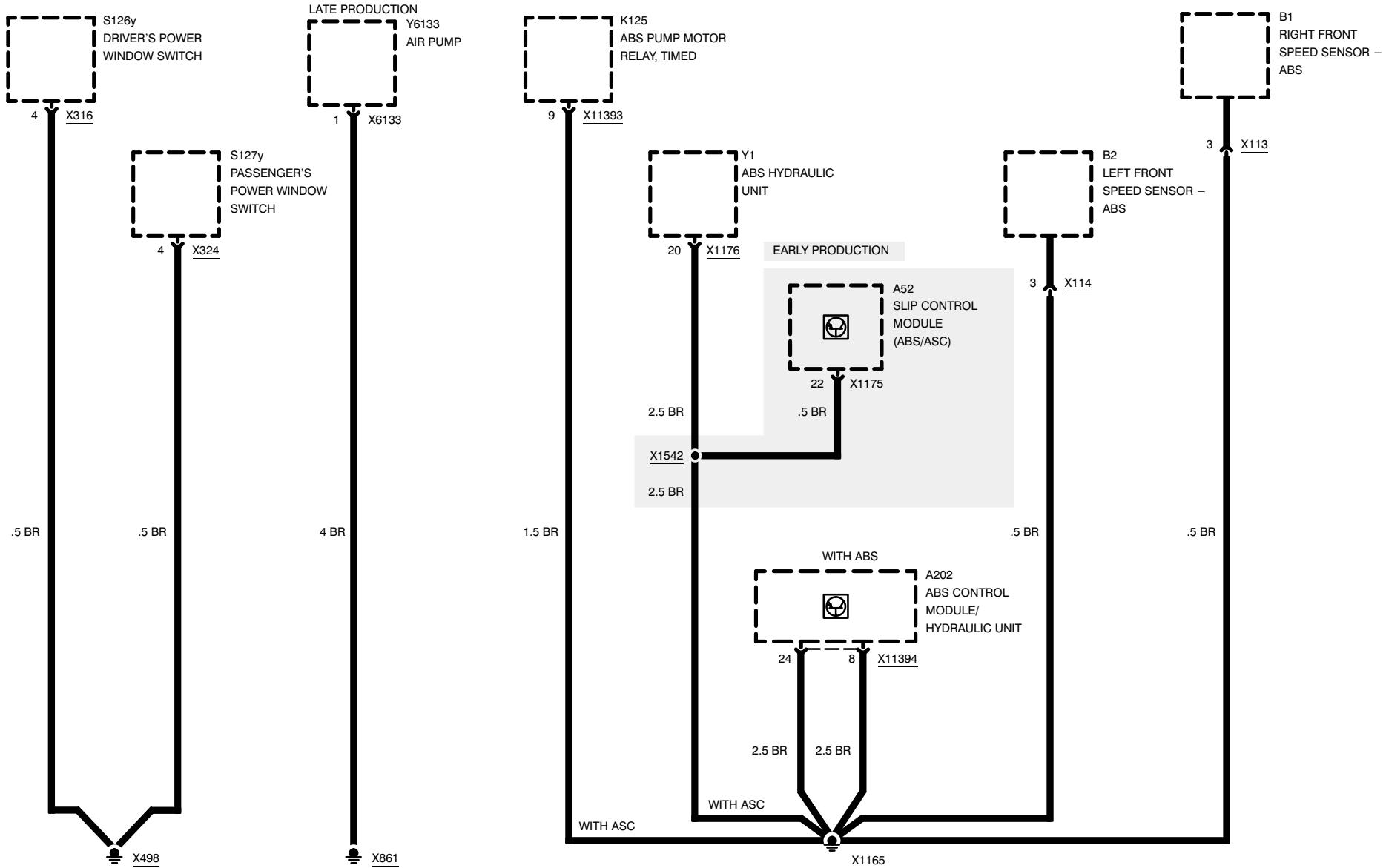
GROUND DISTRIBUTION

GROUNDS X498, X861, AND X1165

03/98

0670.4-08

1997



GROUND DISTRIBUTION

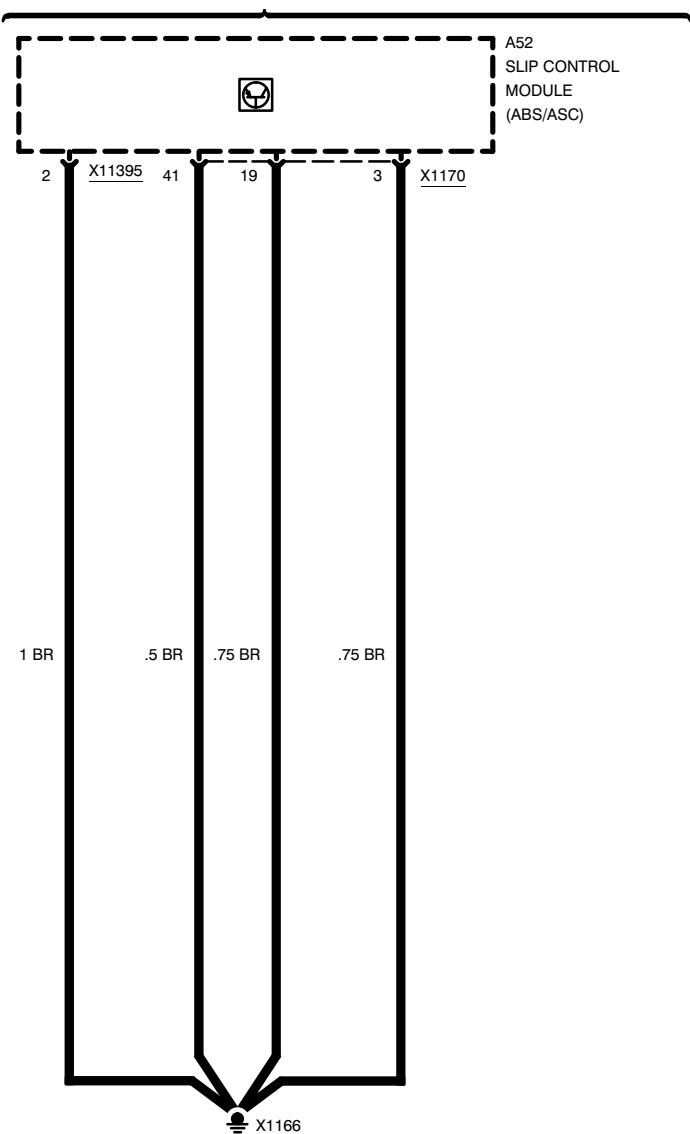
GROUNDS X1166 AND X1441

03/98

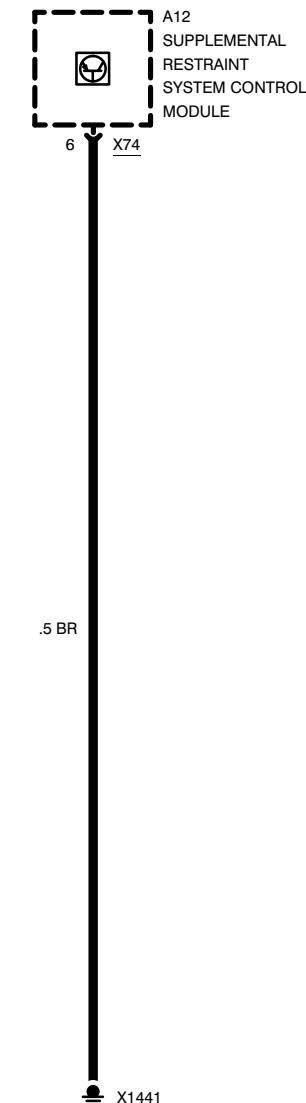
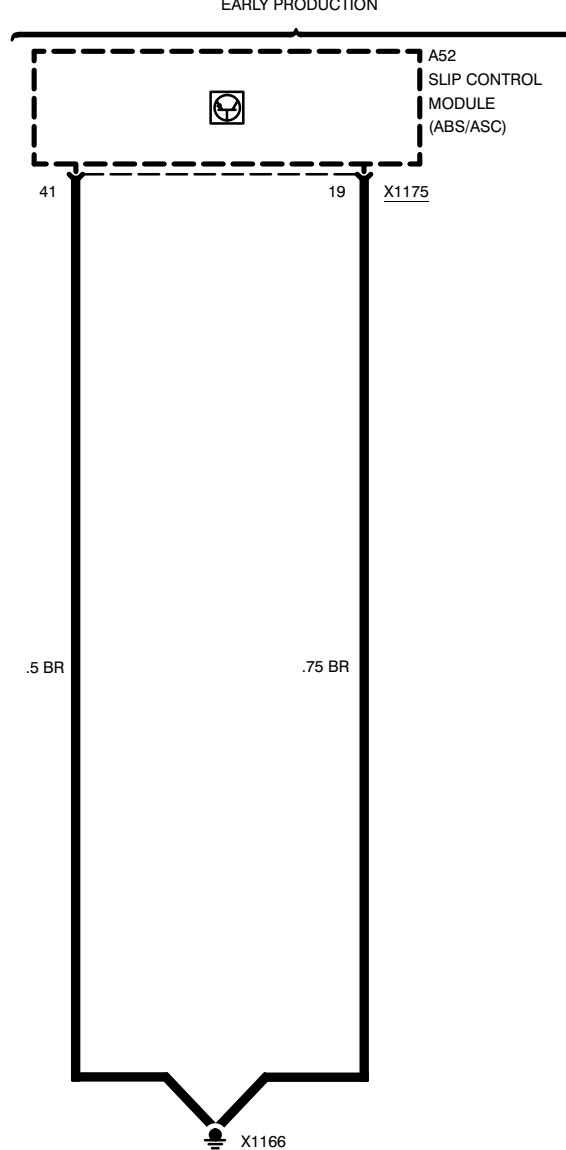
0670.4-09

1997

LATE PRODUCTION



EARLY PRODUCTION



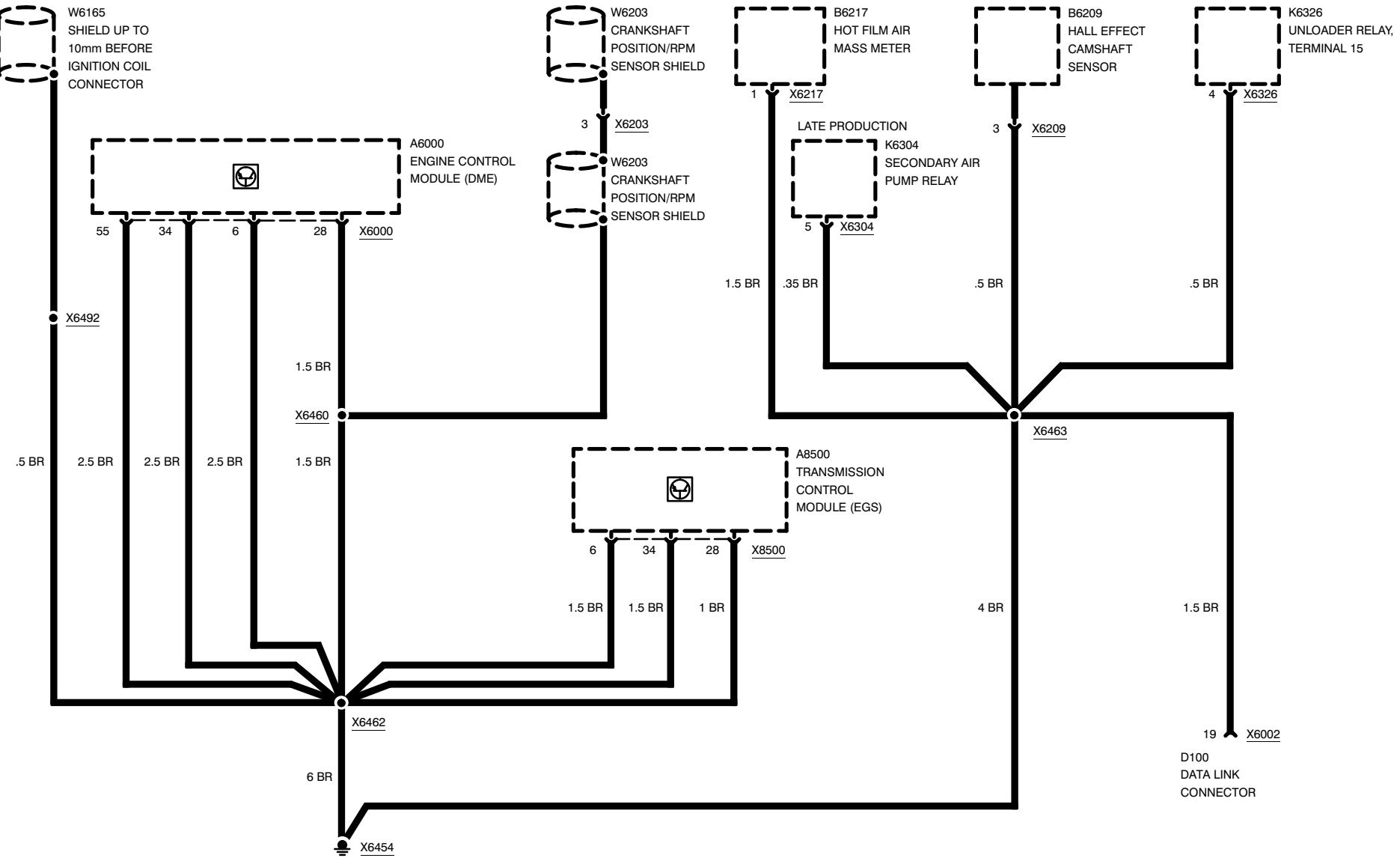
GROUND DISTRIBUTION

GROUND X6454

03/98

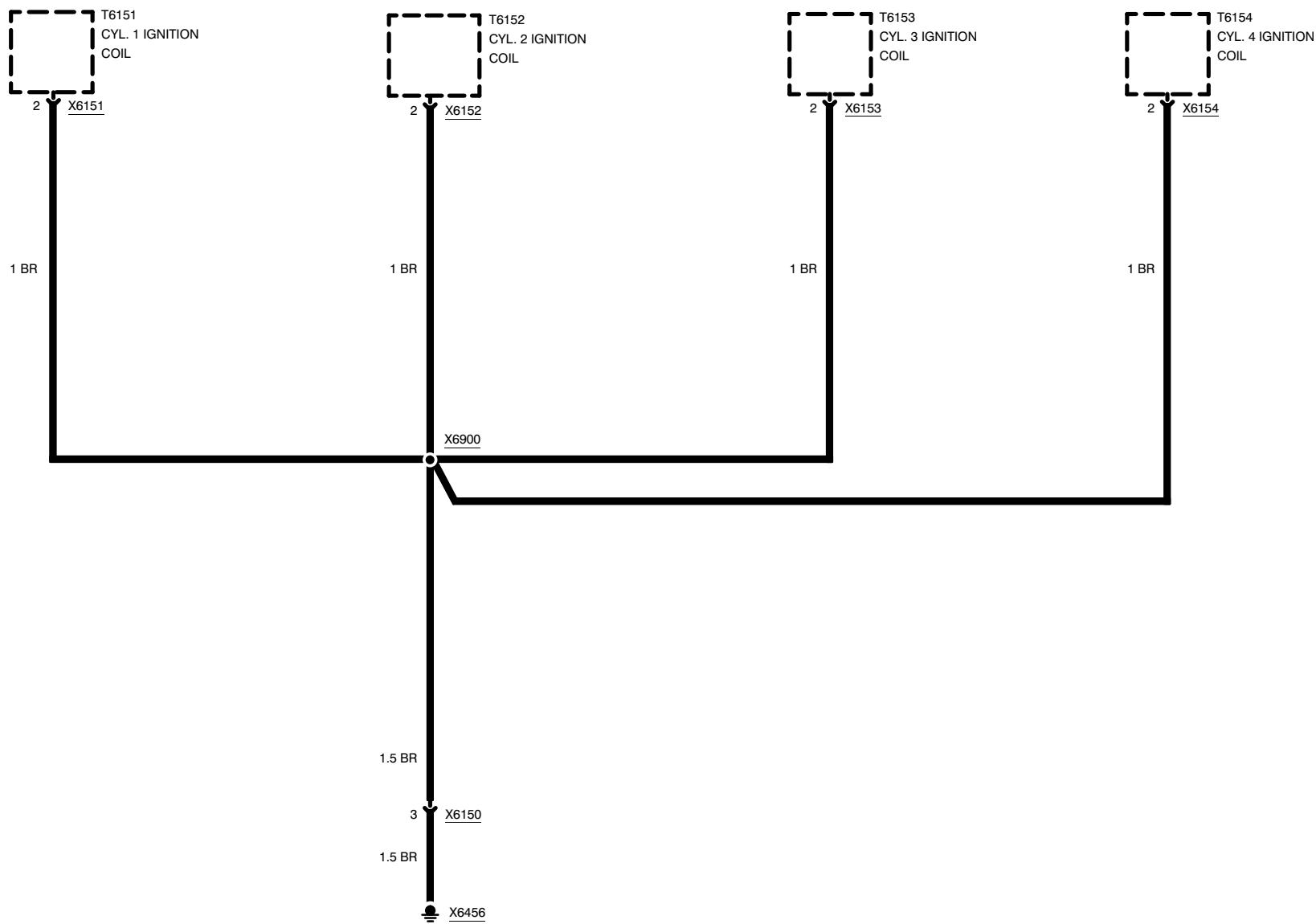
0670.4-10

1997



GROUND DISTRIBUTION

GROUND X6456



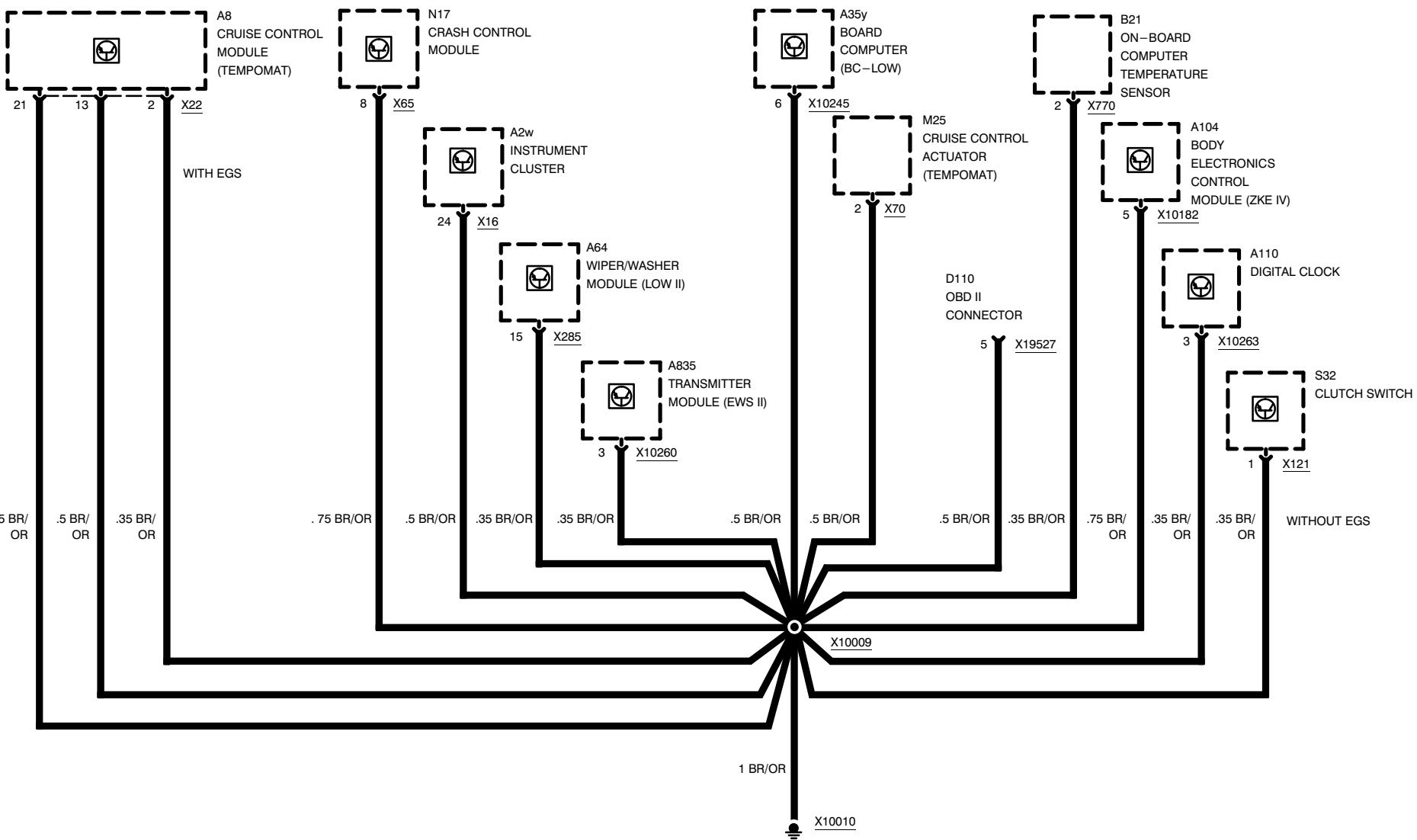
GROUND DISTRIBUTION

GROUND X10010

03/98

0670.4-12

1997



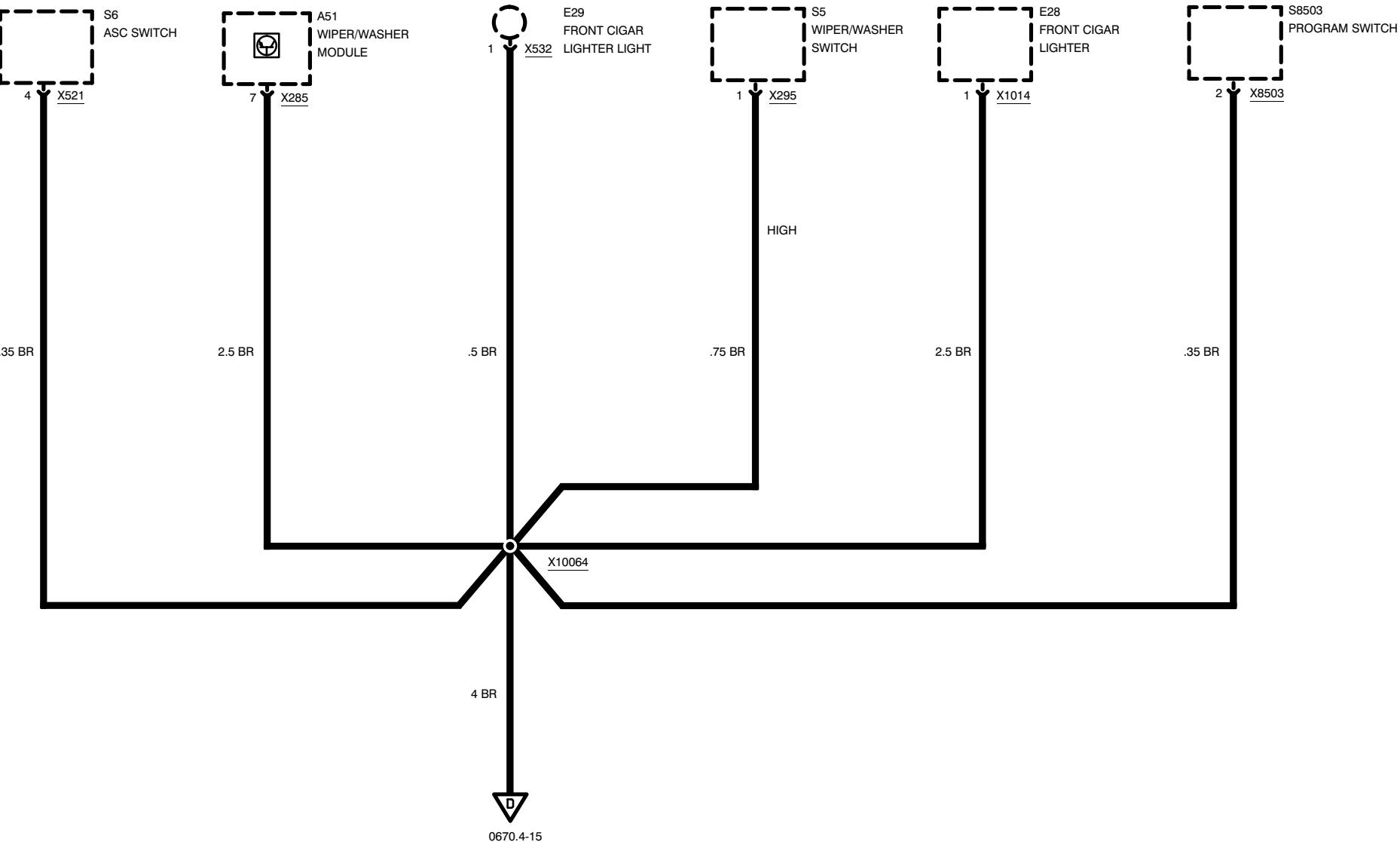
GROUND DISTRIBUTION

GROUND X10012

03/98

0670.4-13

1997



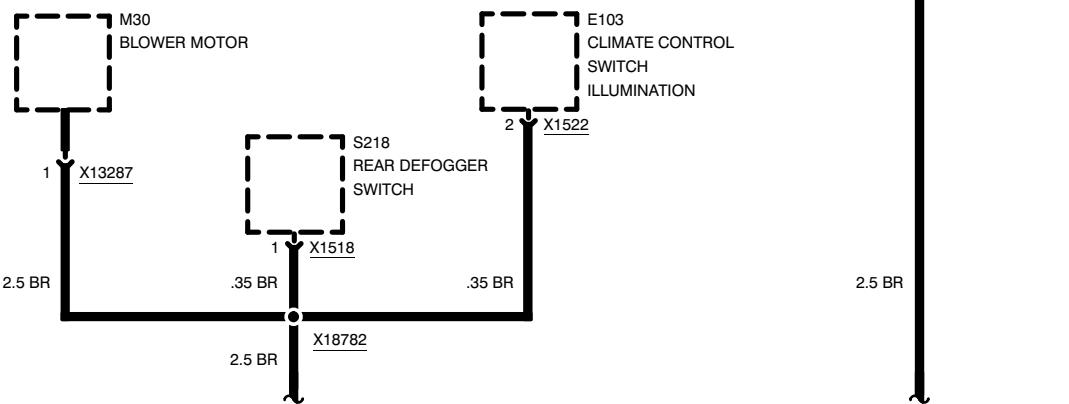
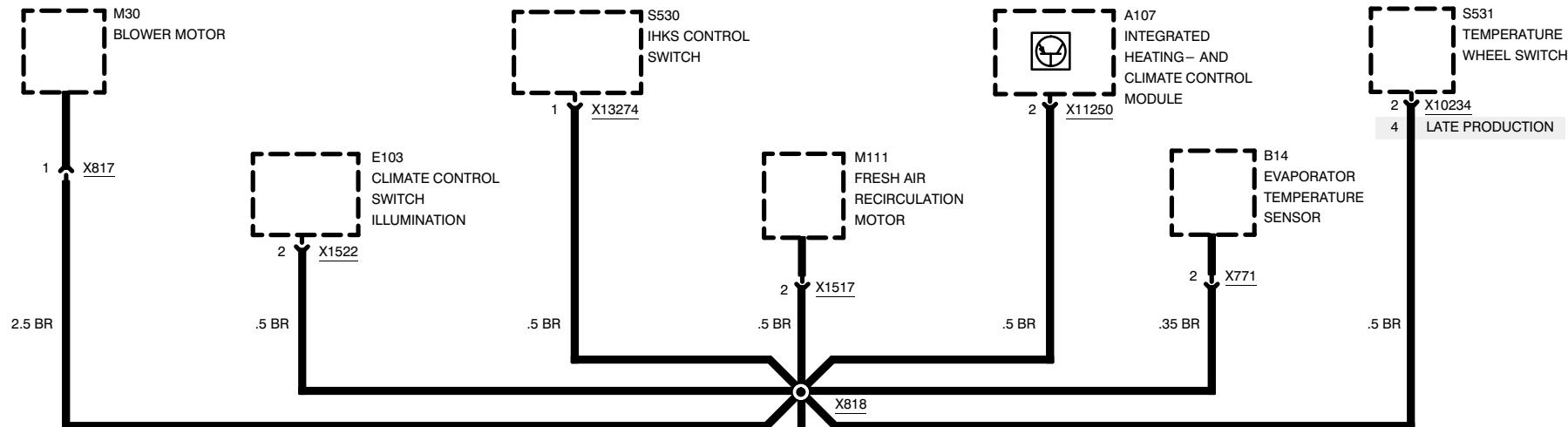
GROUND DISTRIBUTION

GROUND X10012

03/98

0670.4-14

1997



WITH HEATING
CONTROL (HS)

WITH INTEGRATED
HEATING- AND
CLIMATE CONTROL
(IHKS)

0670.4-15

2.5 BR
9
2.5 BR

↓E



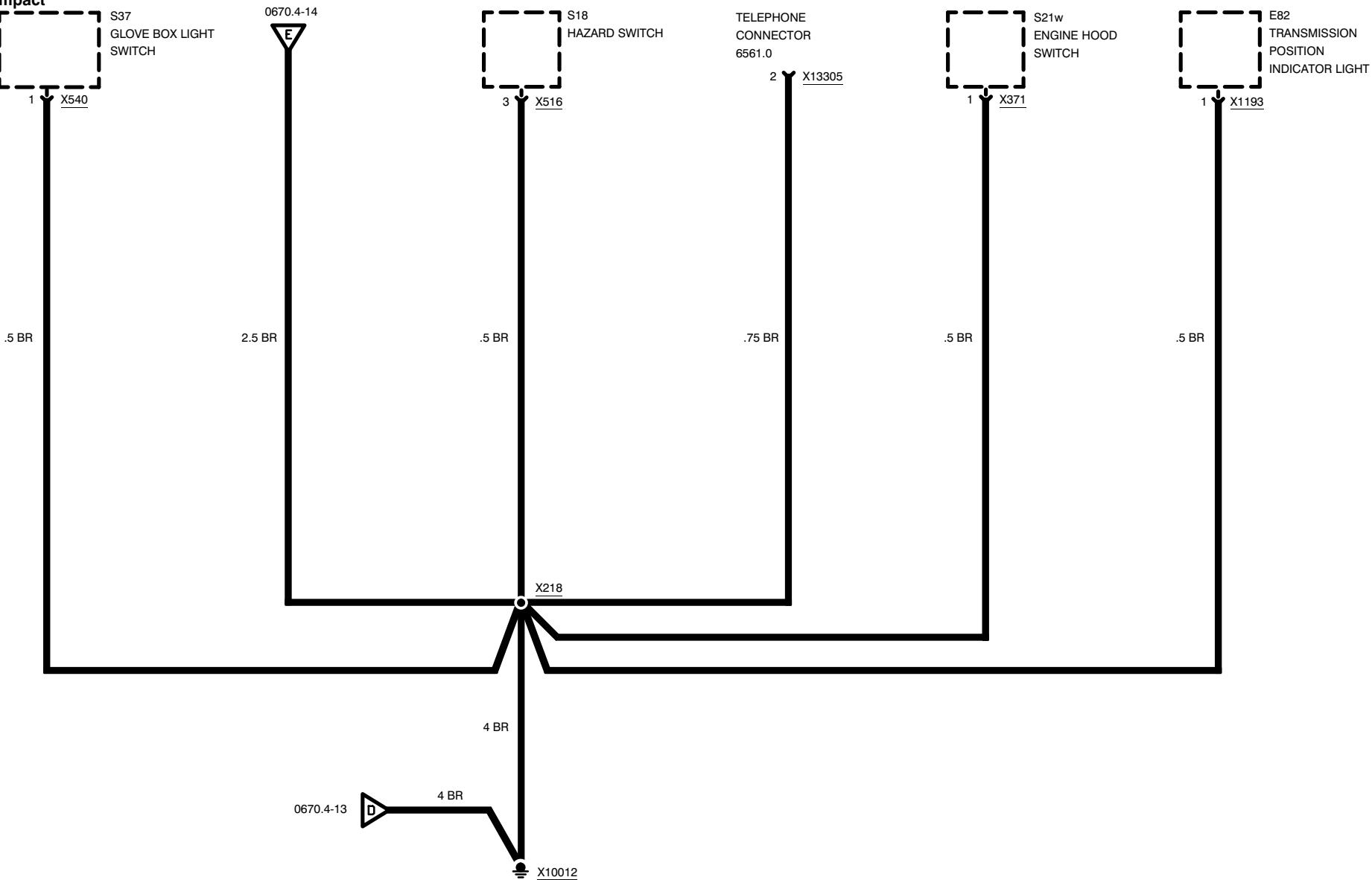
GROUND DISTRIBUTION

GROUND X10012

03/98

— 0670.4-15 —
1997

compact



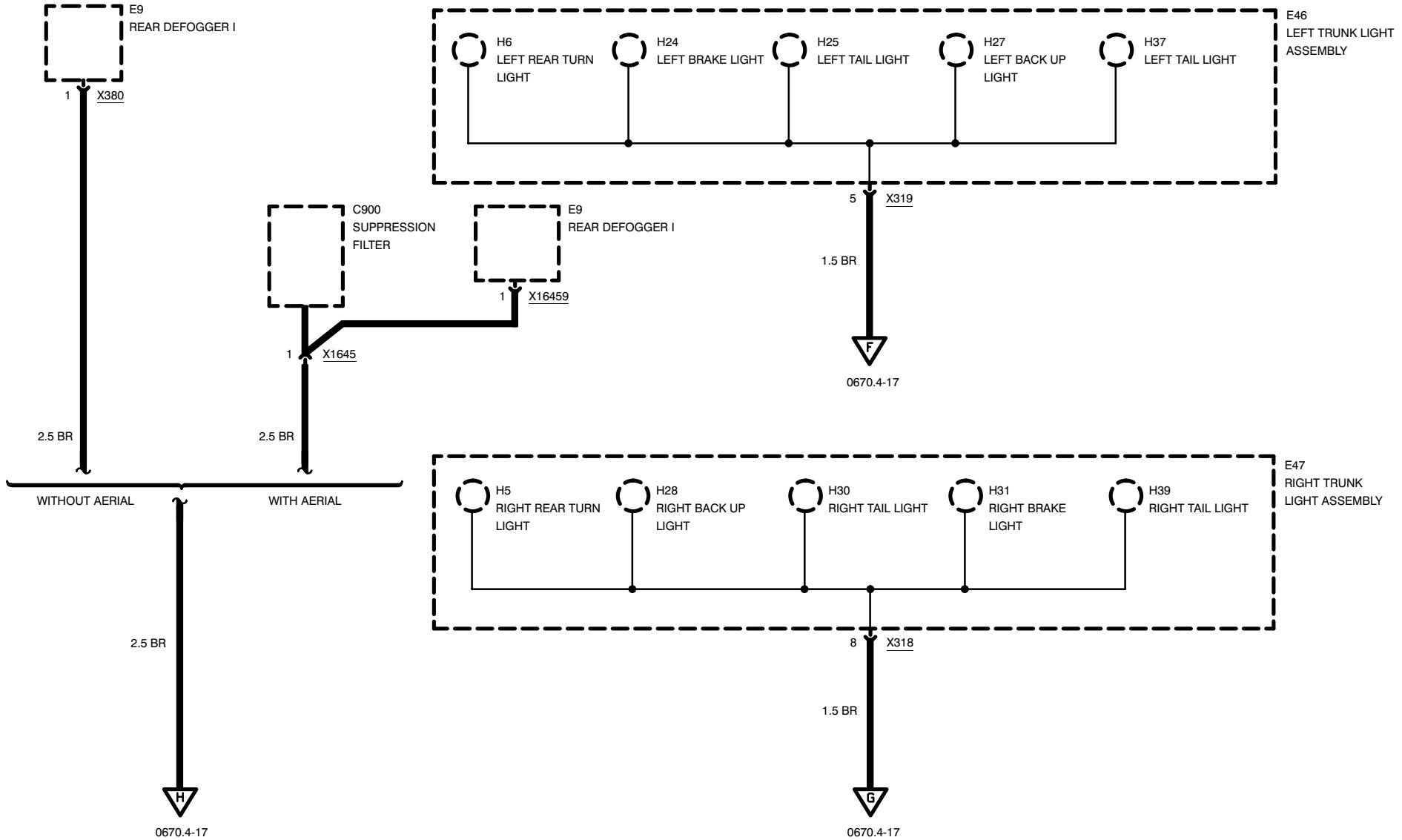
GROUND DISTRIBUTION

GROUND X13006

03/98

0670.4-16

1997



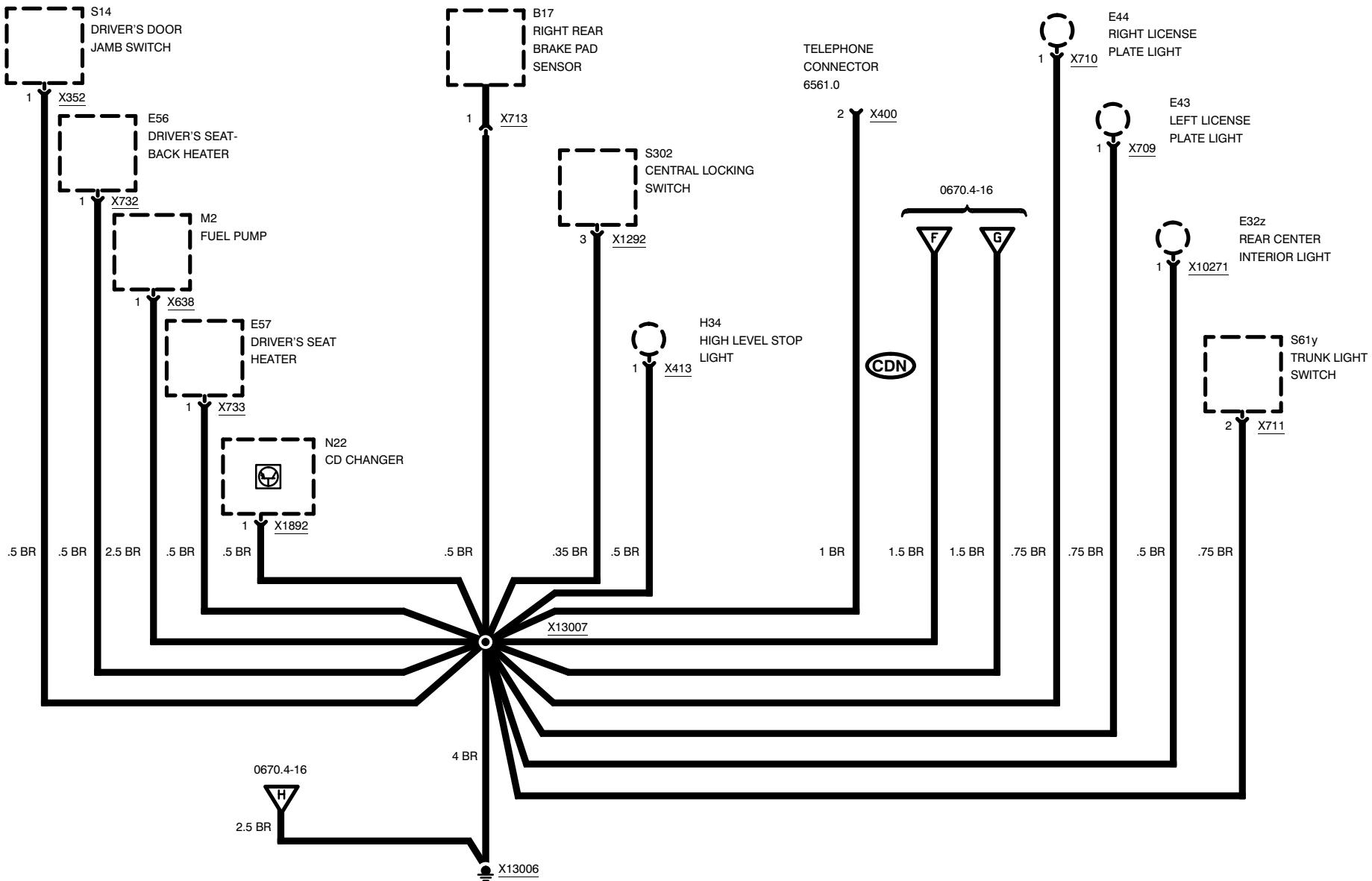
GROUND DISTRIBUTION

GROUND X13006

03/98

0670.4-17

1997



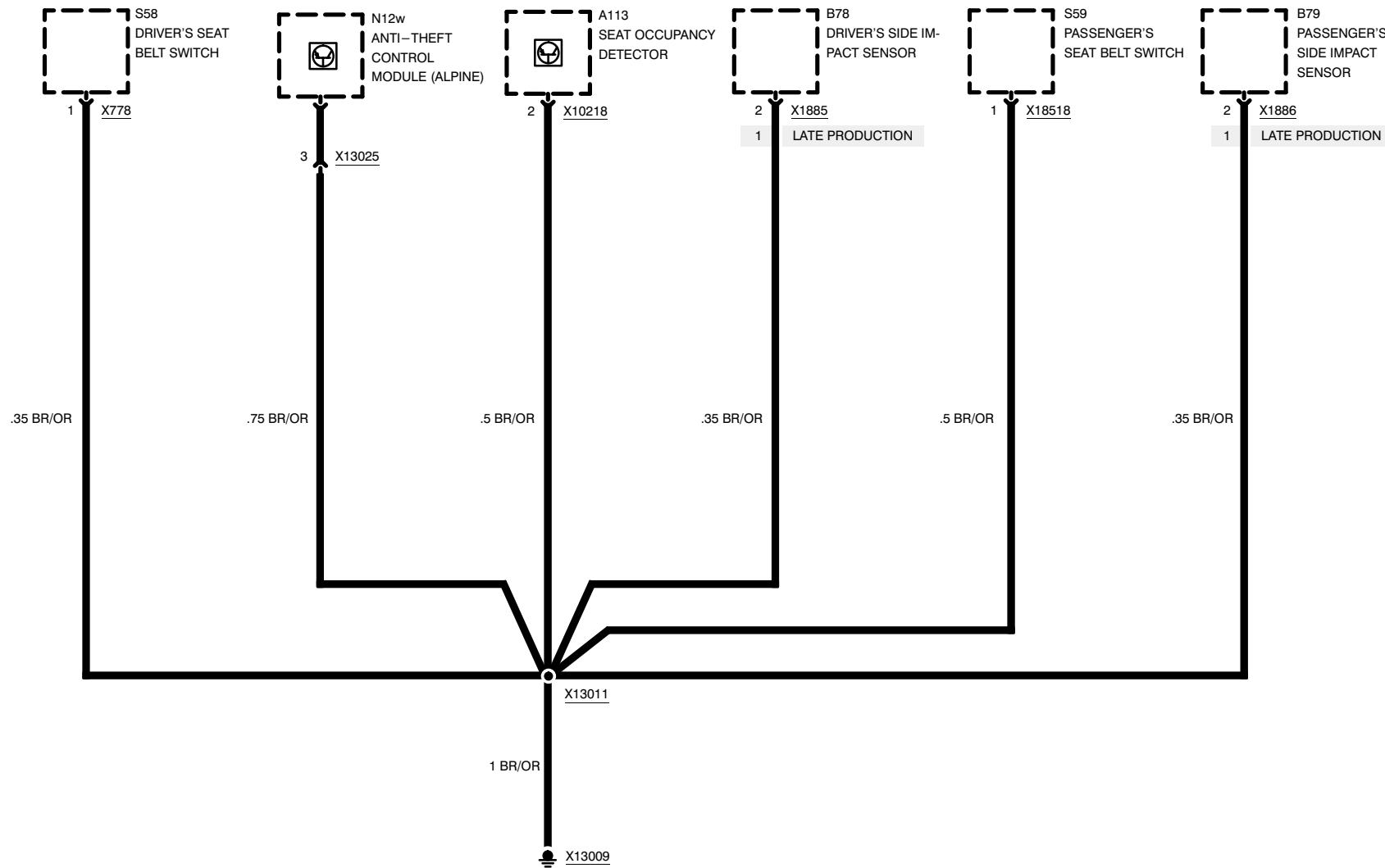
GROUND DISTRIBUTION

GROUND X13009

03/98

0670.4-18

1997



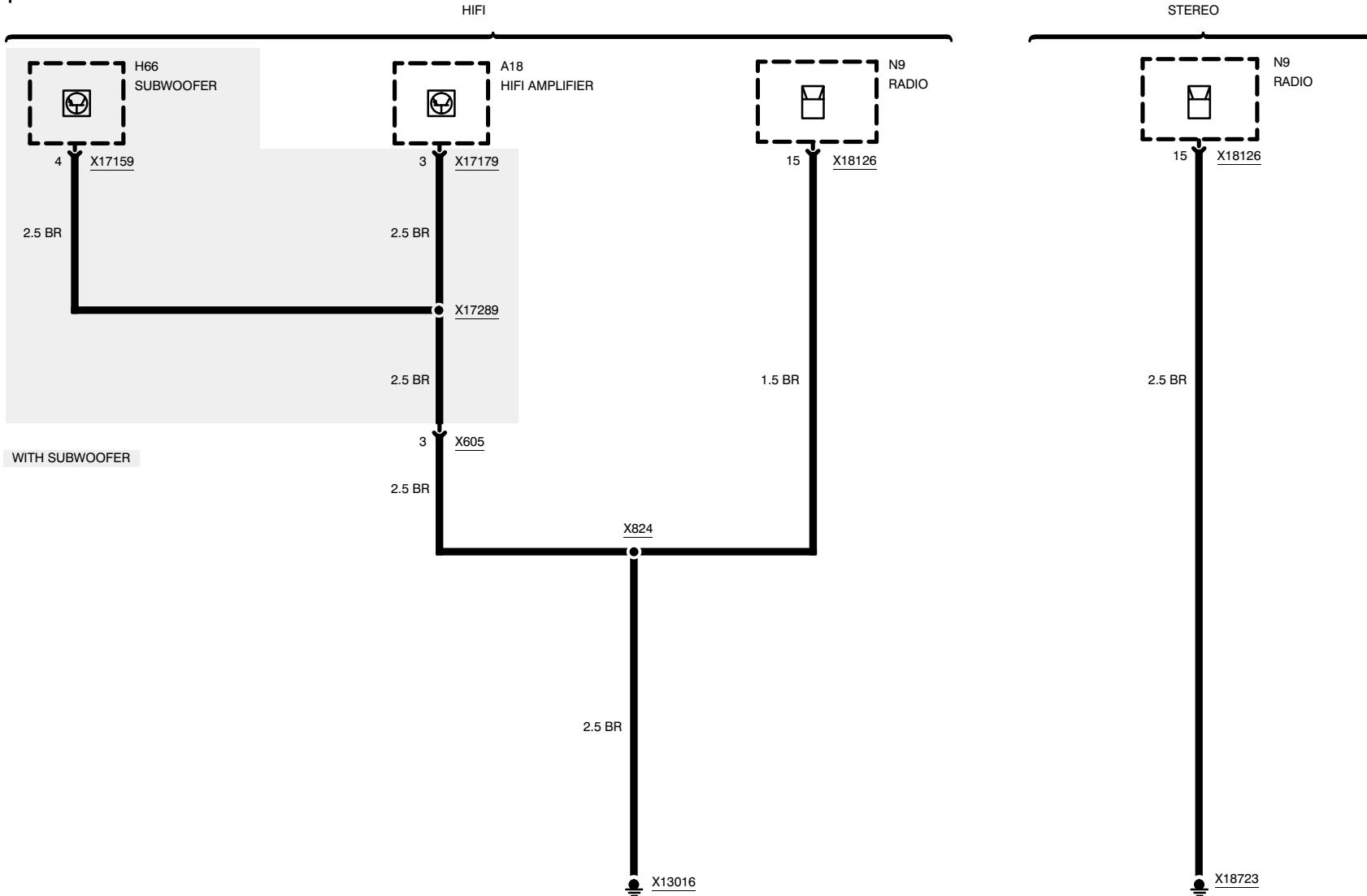
GROUND DISTRIBUTION

GROUNDS X13016 AND X18723

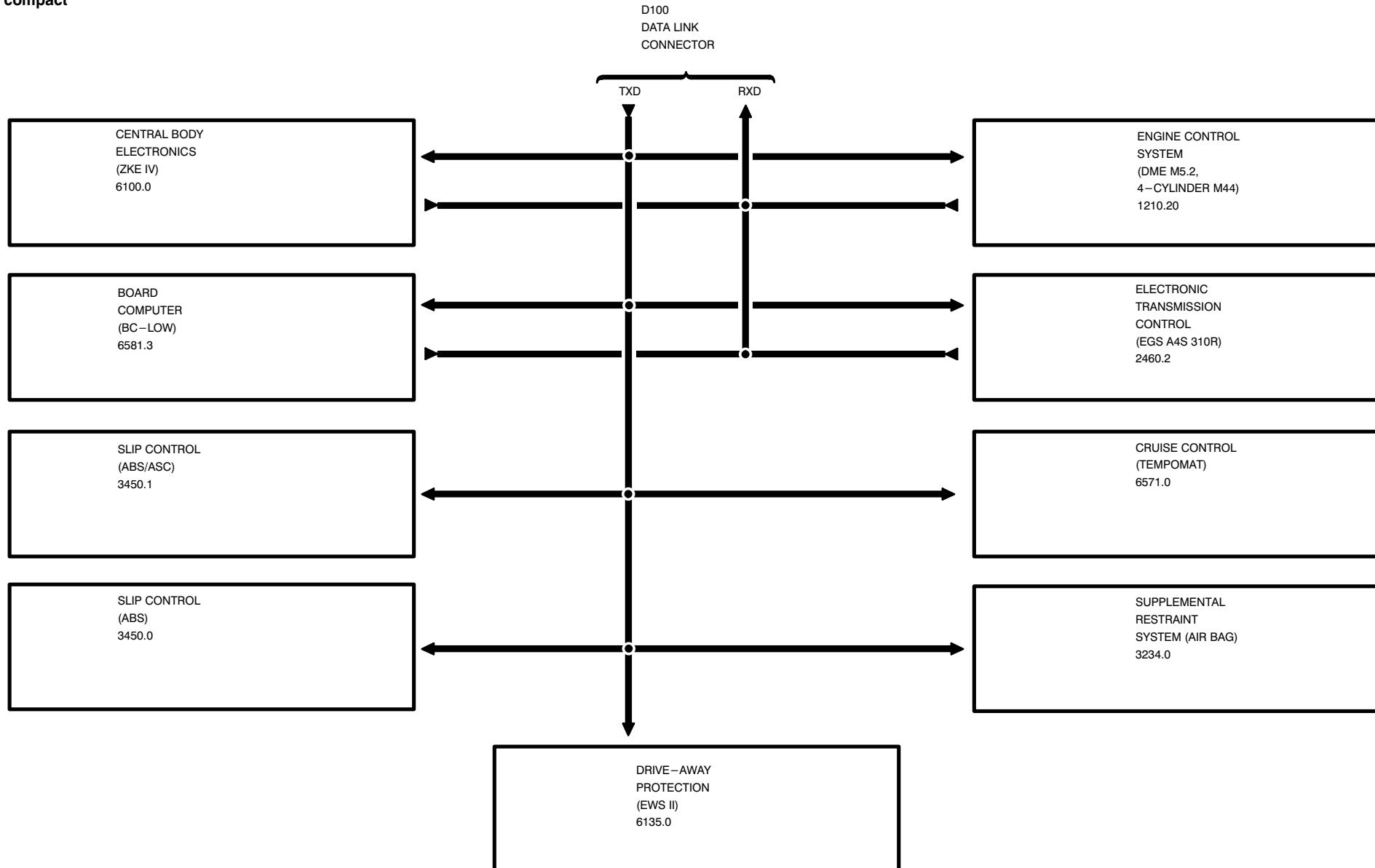
03/98

06704-19

1997



DATA LINK BLOCK DIAGRAM



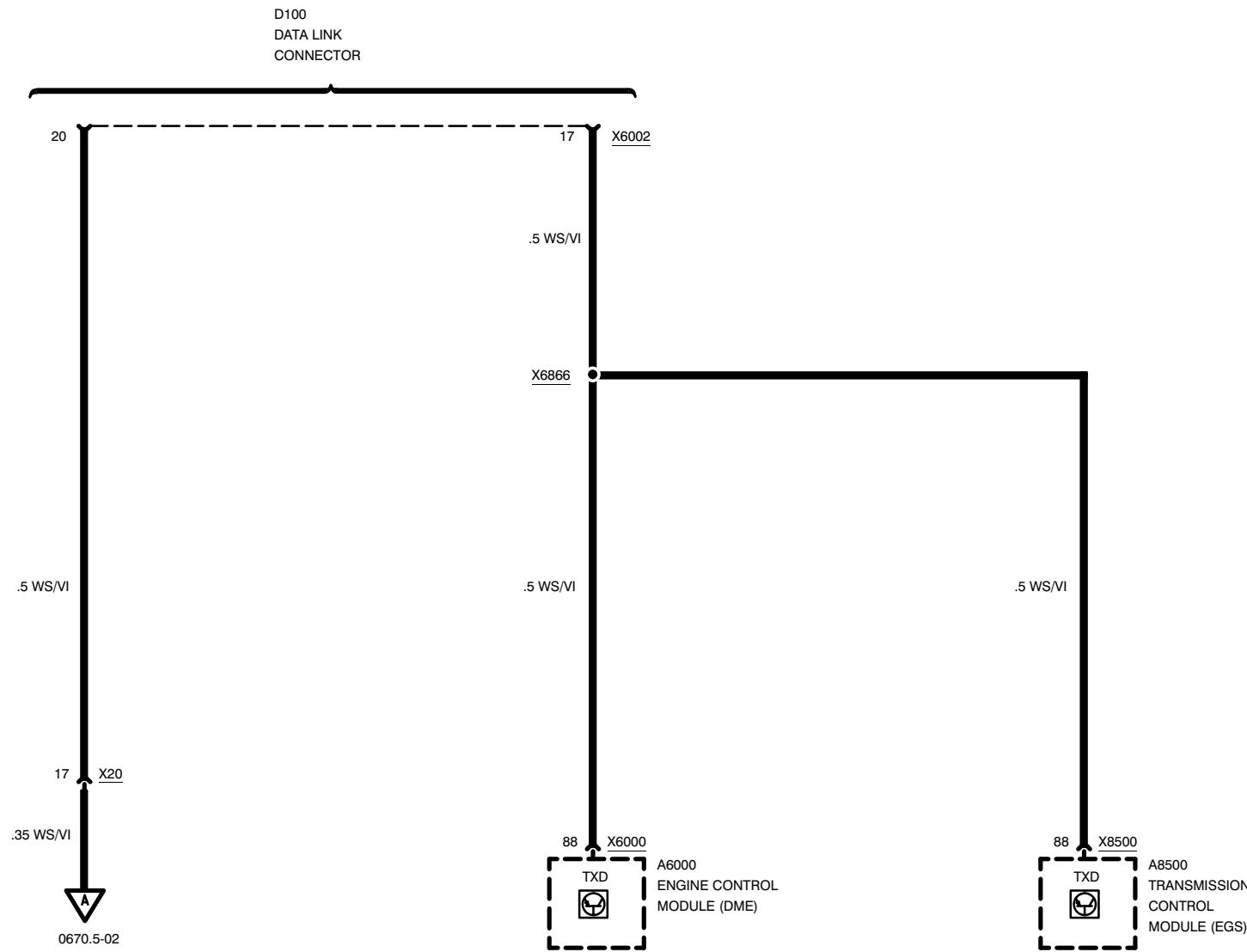
DATA LINK

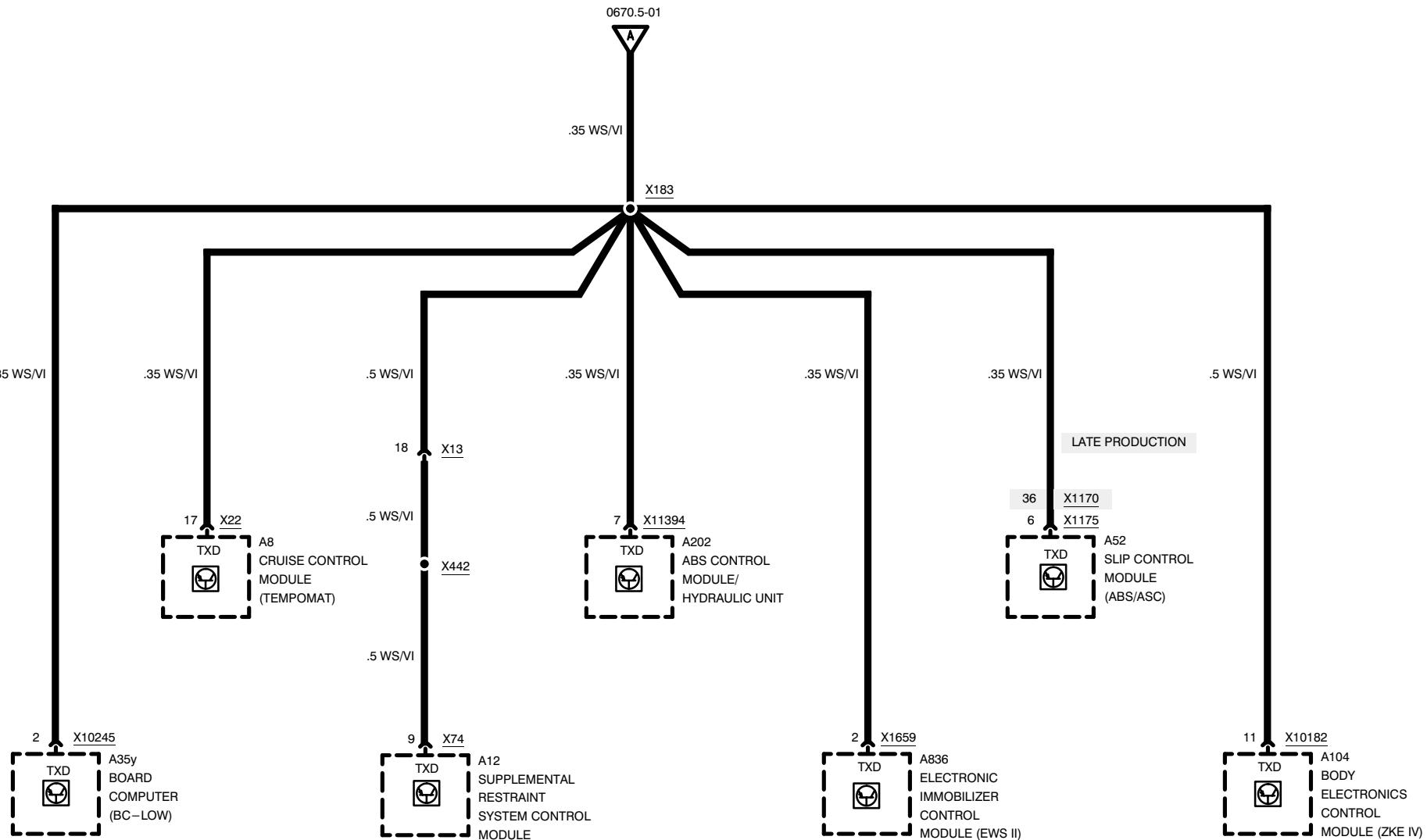
TXD

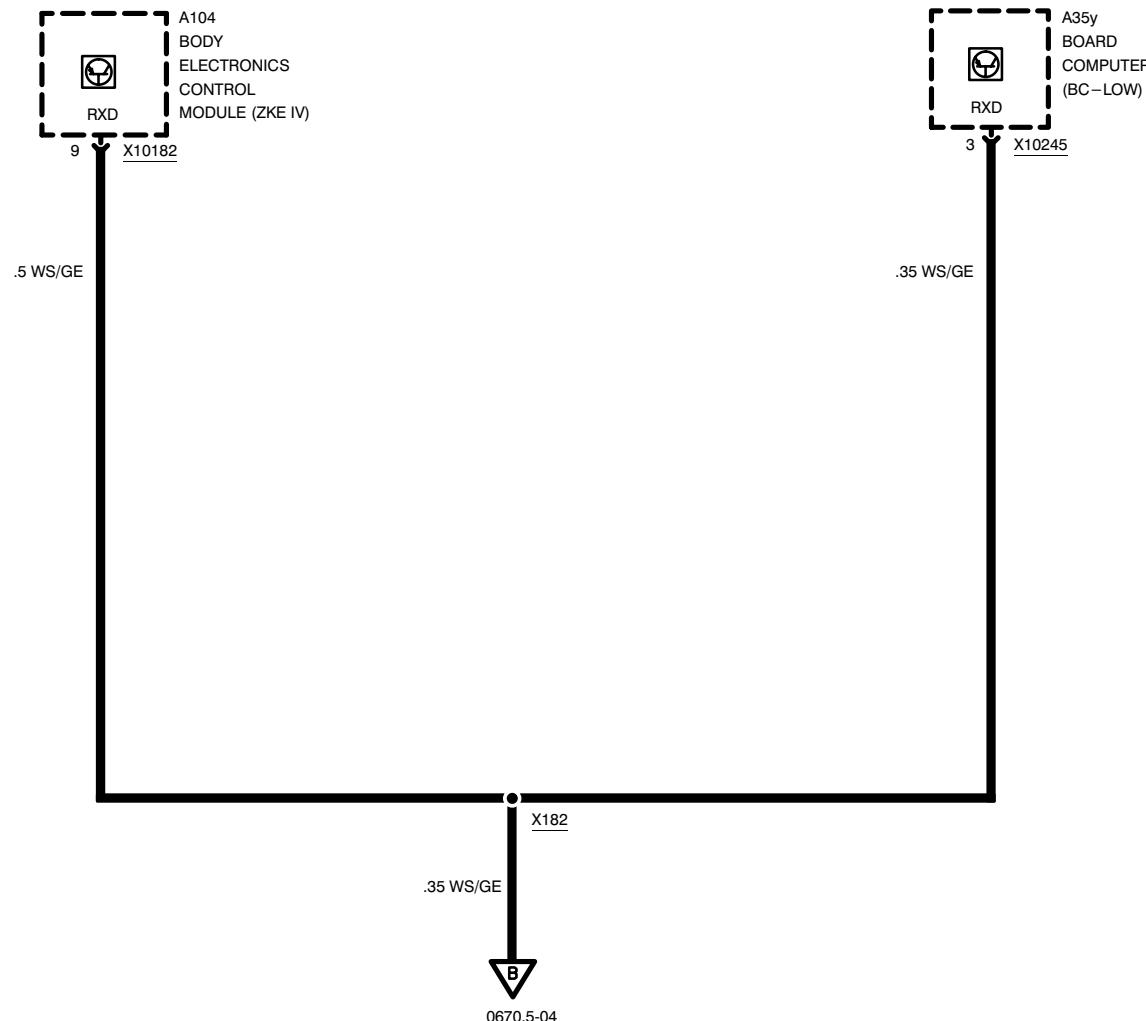
03/98

0670.5-01

1997







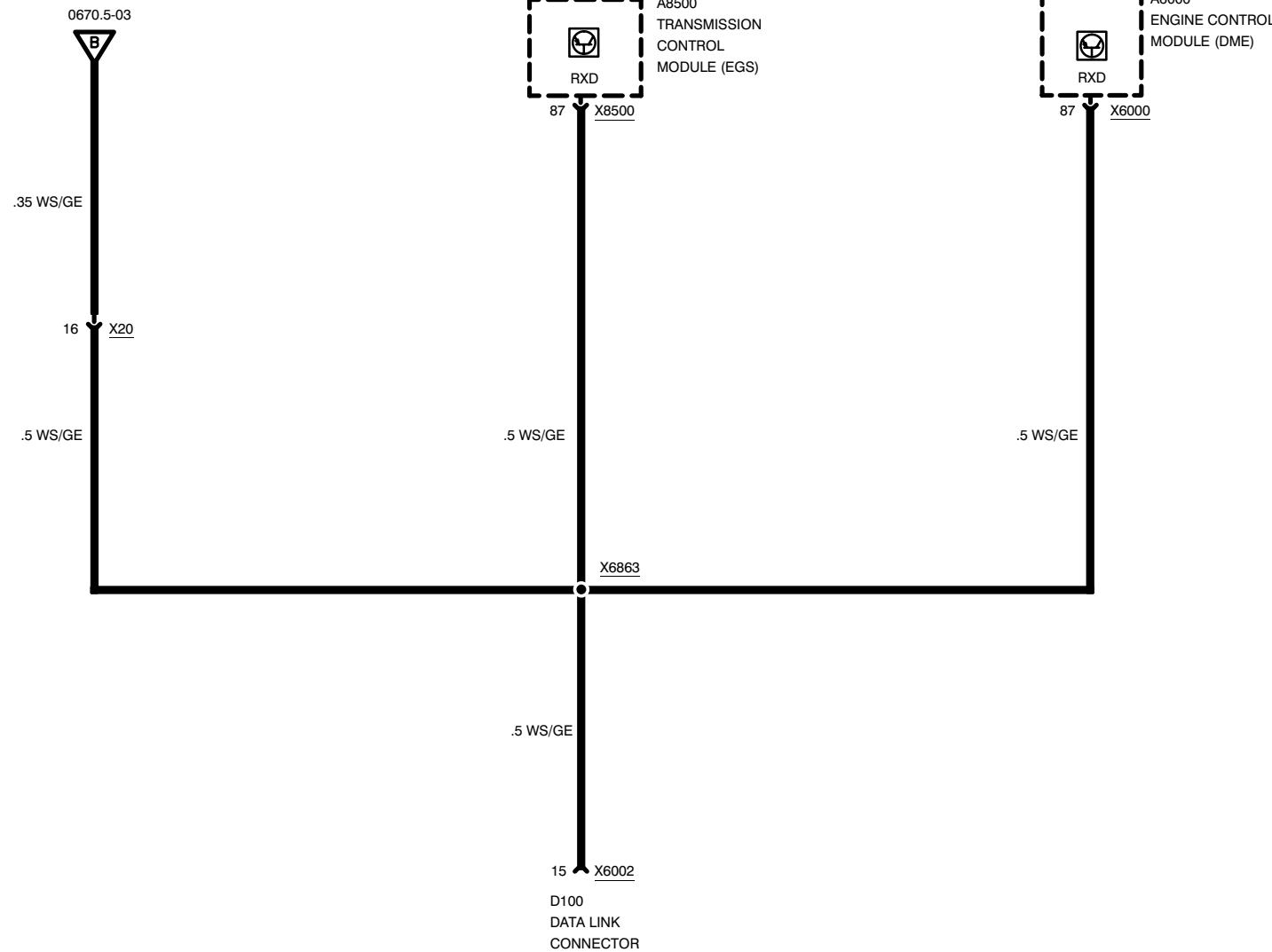
DATA LINK

RXD

03/98

0670.5-04

1997



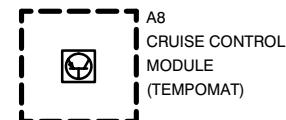
DATA LINK

DATA LINK CONNECTOR, PINS 1 AND 4

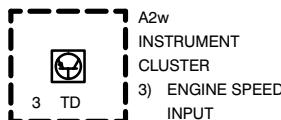
03/98

0670-5-05

1997



.35 SW
WITHOUT EGS



.5 SW



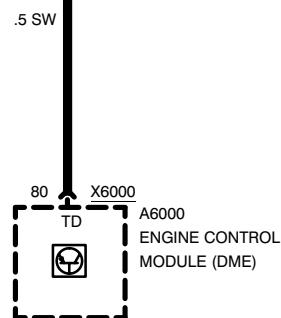
D100
DATA LINK
CONNECTOR

1 X6002



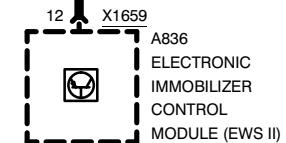
.5 SW

X8015

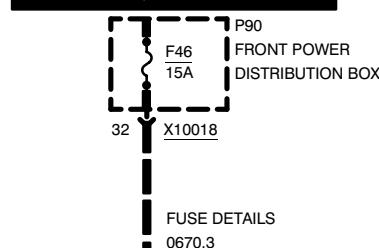


.5 SW

X6002



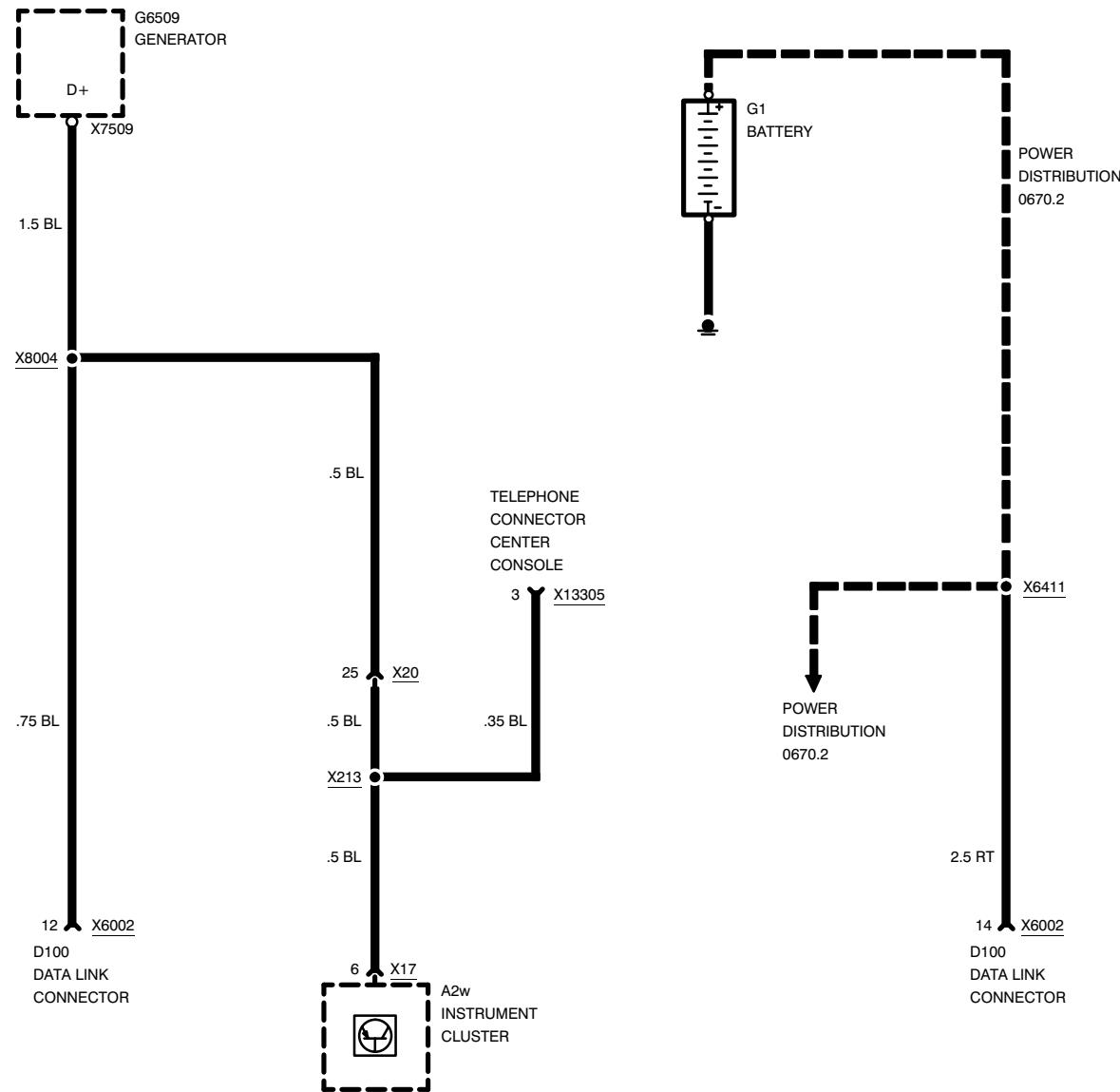
HOT IN ACCY, RUN AND START



8 X6031

DATA LINK

DATA LINK CONNECTOR, PINS 12 AND 14



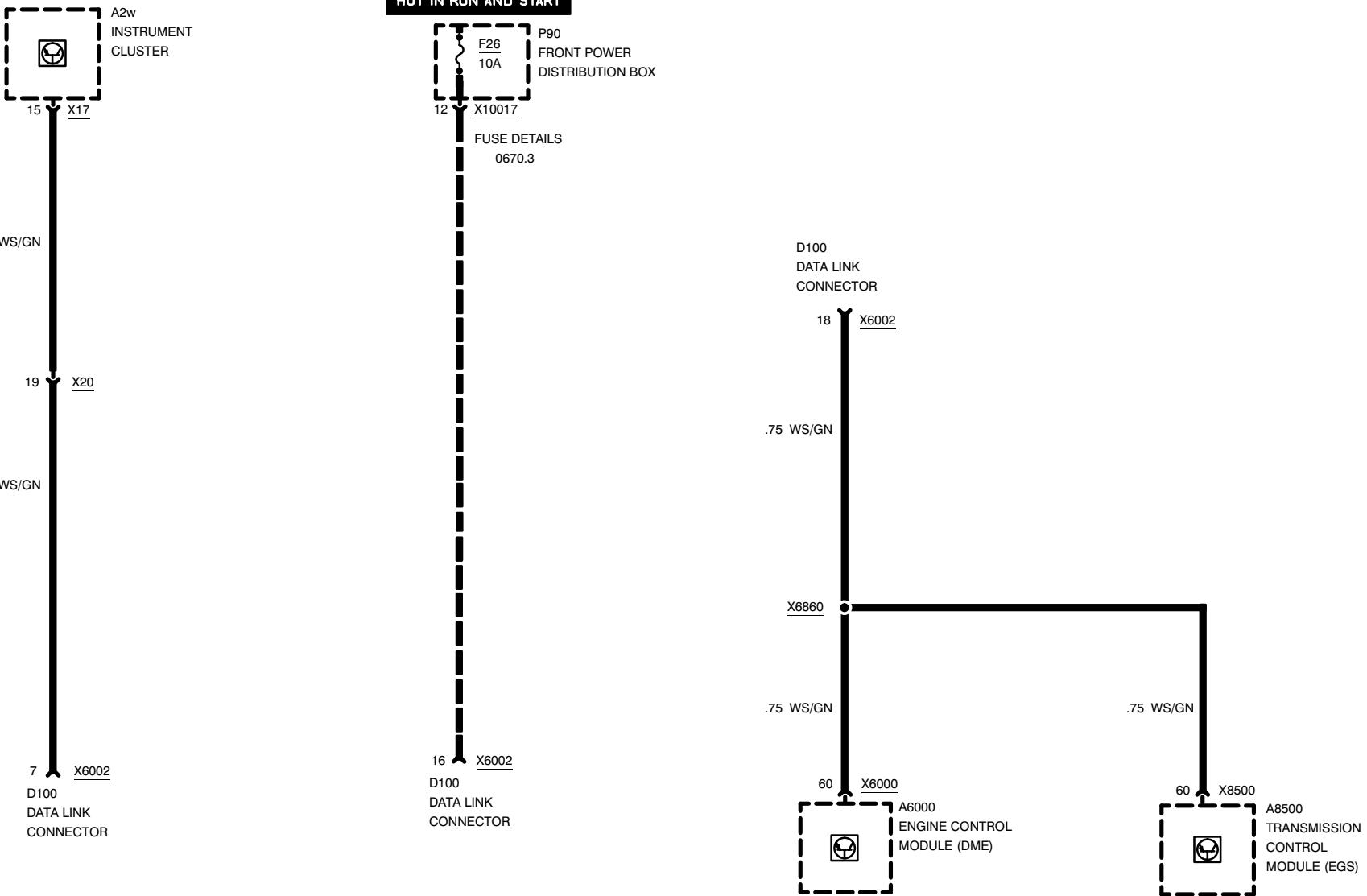
DATA LINK

DATA LINK CONNECTOR, PINS 7, 16, AND 18

06/03

0670-5-07

1997



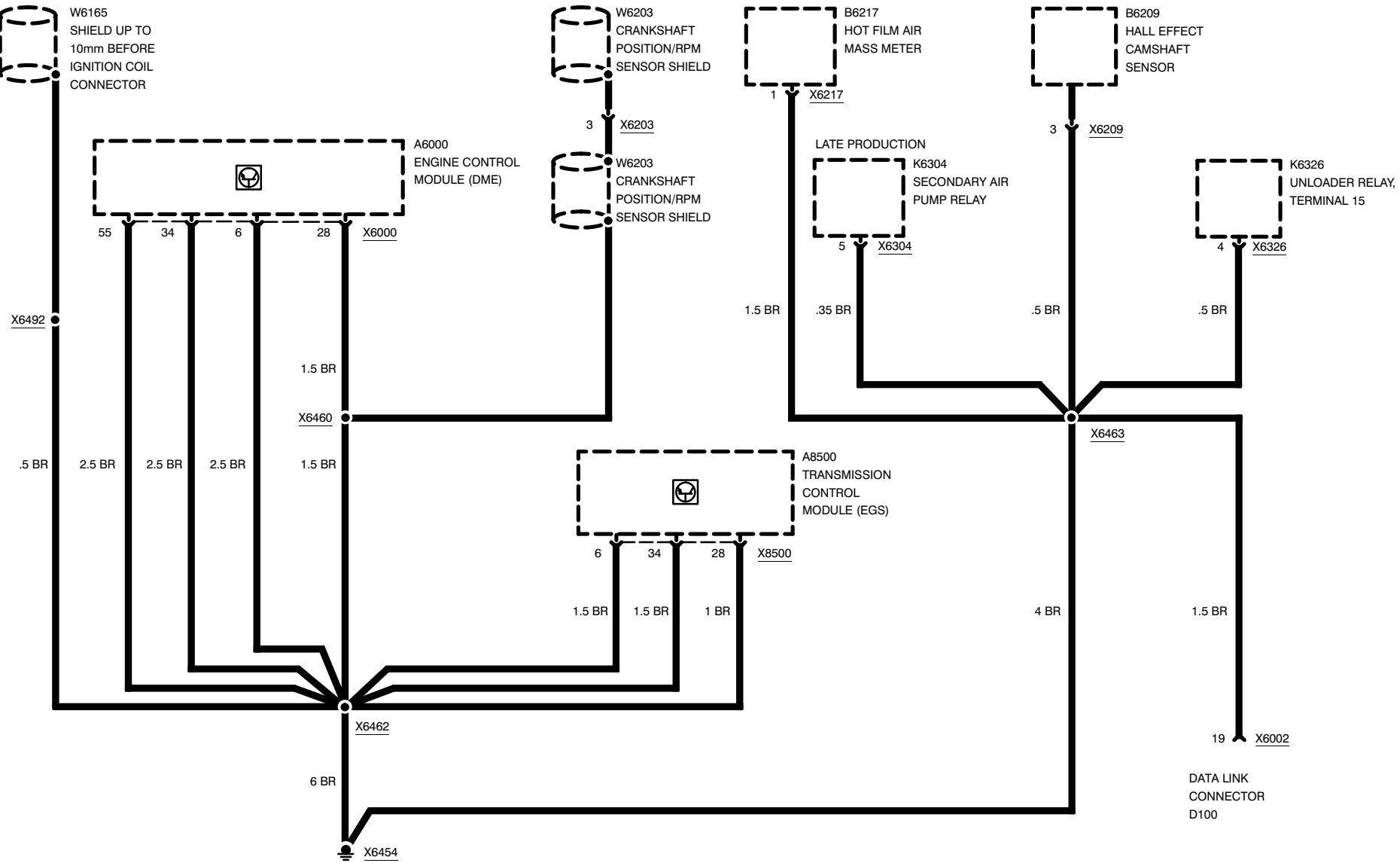
DATA LINK

DATA LINK CONNECTOR, PIN 19

03/98

0670-5-08

1997



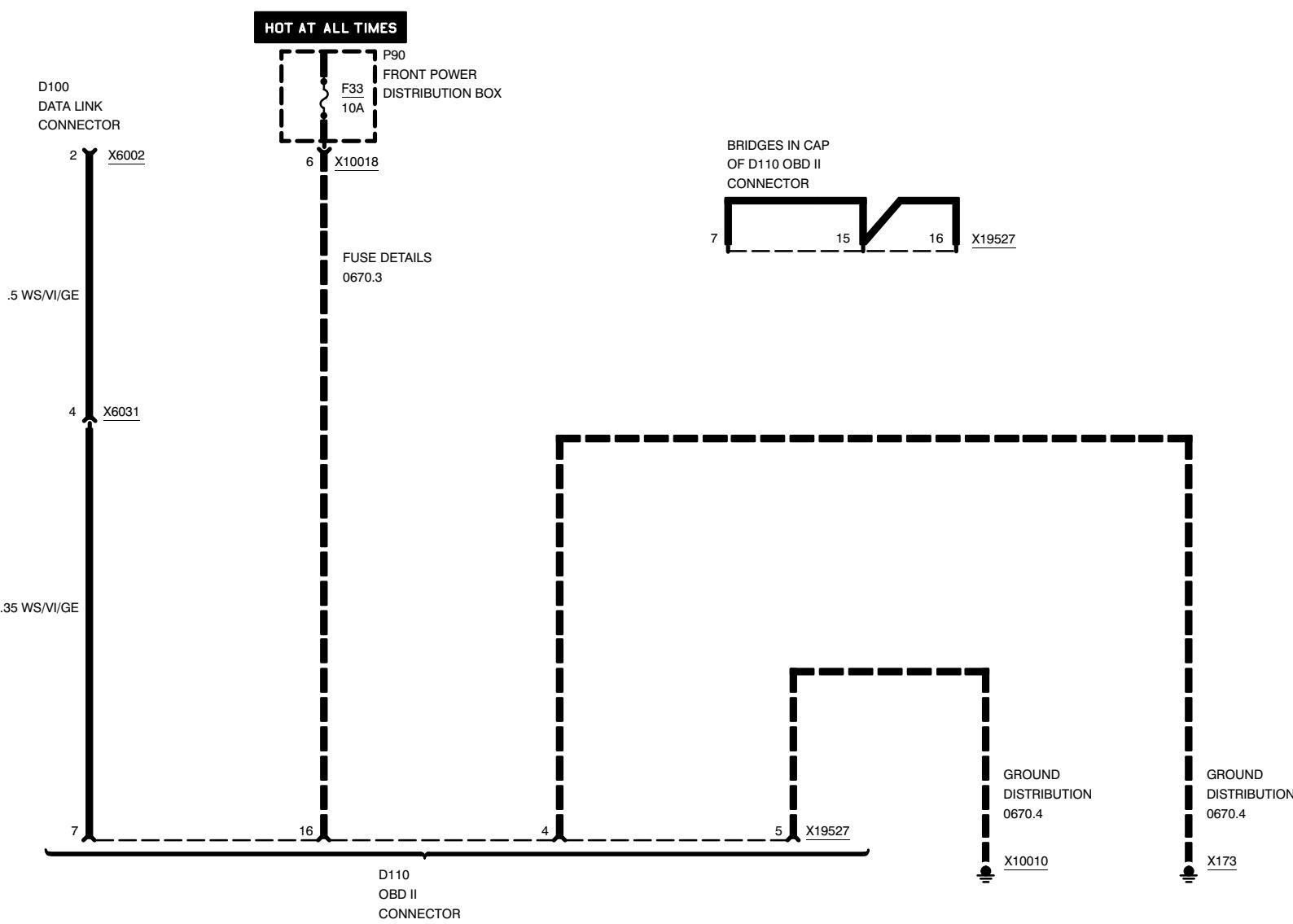
DATA LINK

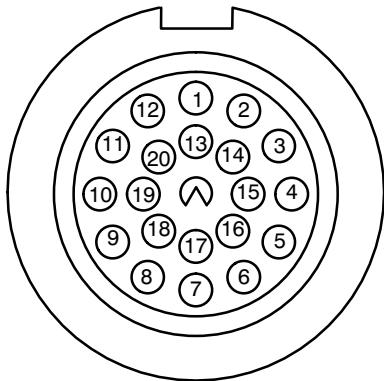
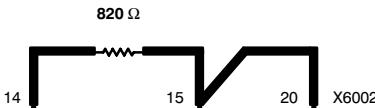
DATA LINK CONNECTOR, PIN 2, AND OBD II CONNECTOR

06/03

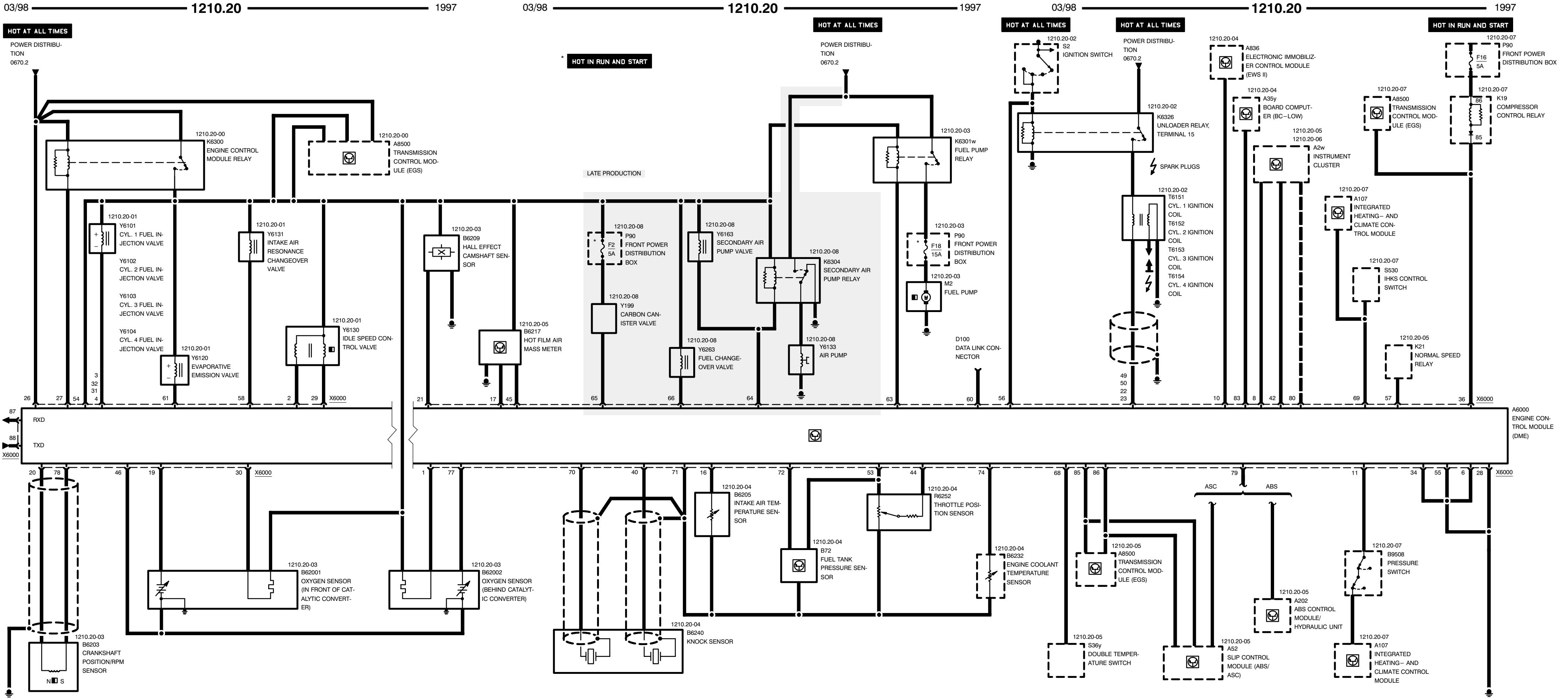
0670-5-09

1997



DATA LINK**DATA LINK CONNECTOR (X6002)**BRIDGES IN CAP OF D100 DATA
LINK 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	TXD	DIAGNOSTIC DATA LINK	WS/VI
18	PGSP	PROGRAM SELECT FOR ENGINE CONTROL MODULE (DME)	WS/GN
19	31	GROUND	BR
20	TXD	DIAGNOSTIC DATA LINK	WS/VI





Pin Assignments

X6000

Pin	Type	Description/Function	Connection
1	A	Oxygen sensor heating (-)	Oxygen sensor (behind catalytic converter)
2	A	Activate valve	Idle speed control valve
3	A	Activate valve	Cyl. 1 fuel injection valve
4	A	Activate valve	Cyl. 4 fuel injection valve
5		Not used	
6	M	Ground, fuel injection valve output stages	Ground point
7		Not used	
8	A	"Check engine" indicator control	Instrument cluster
9		Not used	
10	E	Drive away protection signal	Electronic immobilizer control module (EWS II)
11	E	Activate A/C	Pressure switch
12		Not used	
13		Not used	
14		Not used	
15		Not used	
16	E	Intake air temperature	Intake air temperature sensor
17	E	Signal input	Hot film air mass meter
18		Not used	
19	E	Oxygen sensor signal	Oxygen sensor (in front of catalytic converter)
20	E	Crankshaft position/RPM	Crankshaft position/RPM sensor
21	E	Camshaft position	Hall effect camshaft sensor
22	A	Cyl. 3 ignition coil control	Cyl. 3 ignition coil
23	A	Cyl. 4 ignition coil control	Cyl. 4 ignition coil
24		Not used	
25		Not used	
26	E	Battery voltage	B+ junction point
27	A	Engine control module relay control	Engine control module relay, terminal 85
28	M	Ground for electronics and shielding of sensors	Ground point

E = Input, A = Output, M = Ground



Pin Assignments

Pin	Type	Description/Function	Connection
29	A	Idle speed control valve control	Idle speed control valve
30	A	Oxygen sensor heating (-)	Oxygen sensor (in front of catalytic converter)
31	A	Activate valve	Cyl. 3 fuel injection valve
32	A	Activate valve	Cyl. 2 fuel injection valve
33		Not used	
34	M	Ground, remaining output stages (except for ignition and fuel injection valves)	Ground point
35		Not used	
36	A	A/C compressor cut-out	Compressor control relay
37		Not used	
38		Not used	
39		Not used	
40	E	Cyl. 3-4 knock sensor	Knock sensor
41		Not used	
42	E	TI-measurement signal (fuel consumption)	Instrument cluster
43		Not used	
44	E	Throttle position	Throttle position sensor
45	M	Ground	Hot film air mass meter
46	M	Sensor ground	Oxygen sensors
47		Not used	
48		Not used	
49	A	Cyl. 1 ignition coil control	Cyl. 1 ignition coil
50	A	Cyl. 2 ignition coil control	Cyl. 2 ignition coil
51		Not used	
52		Not used	
53	A	Component supply (+)	Throttle position sensor/Fuel tank pressure sensor
54	E	Battery voltage from engine control module relay	Engine control module relay, terminal 87
55	M	Ground, ignition	Ground point
56	E	Ignition switch, terminal 15	Ignition switch, terminal 15
57	A	Activate auxiliary fan	Normal speed relay

E = Input, A = Output, M = Ground



Pin Assignments

Pin	Type	Description/Function	Connection
58	A	Activate valve	Intake air resonance changeover valve
59		Not used	
60	E	Programming voltage	Data link connector
61	A	Activate valve	Evaporation emission valve
62		Not used	
63	A	Activate relay	Fuel pump relay
64	A	Activate relay/valve (Late Production)	Secondary air pump relay/Secondary air pump valve
65	A	Activate valve (Late Production)	Carbon canister valve
66	A	Activate valve (Late Production)	Fuel changeover valve
67		Not used	
68	E	Signal above 80 °C	Double temperature switch
69	E	Signal A/C on	Air conditioning operating unit
70	E	Cyl 1-2 knock sensor	Knock sensor
71	M	Ground for sensors	Temperature-/ knock-/ throttle position-sensors
72	E	Fuel tank pressure signal	Fuel tank pressure sensor
73		Not used	
74	E	Temperature signal	Engine coolant temperature sensor
75		Not used	
76		Not used	
77	E	Oxygen sensor signal	Oxygen sensor (behind catalytic converter)
78	E	Crankshaft position/RPM	Crankshaft position/RPM sensor
79	E	Speed signal right rear	ABS/ASC control module
80	E	Crankshaft RPM speed signal TD	Instrument cluster
81		Not used	
82		Not used	
83	E	Vehicle speed signal	On-board computer
84		Not used	
85	E/A	CAN-LOW	EGS/ASC control module
86	E/A	CAN-HIGH	EGS/ASC control module
87	A	RxD diagnosis data line	Data link connector
88	E/A	TxD diagnosis data line	Data link connector

E = Input, A = Output, M = Ground

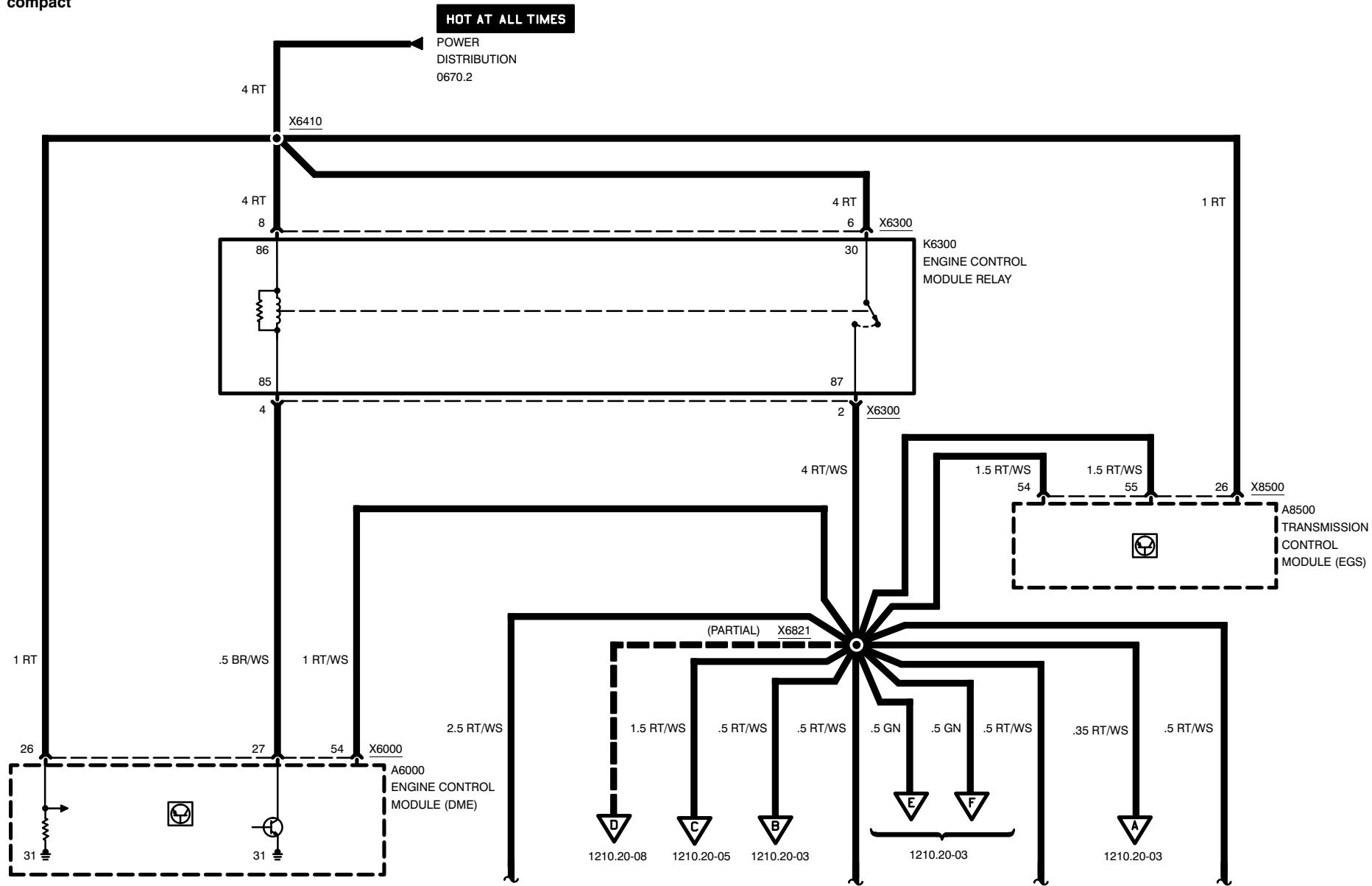
ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

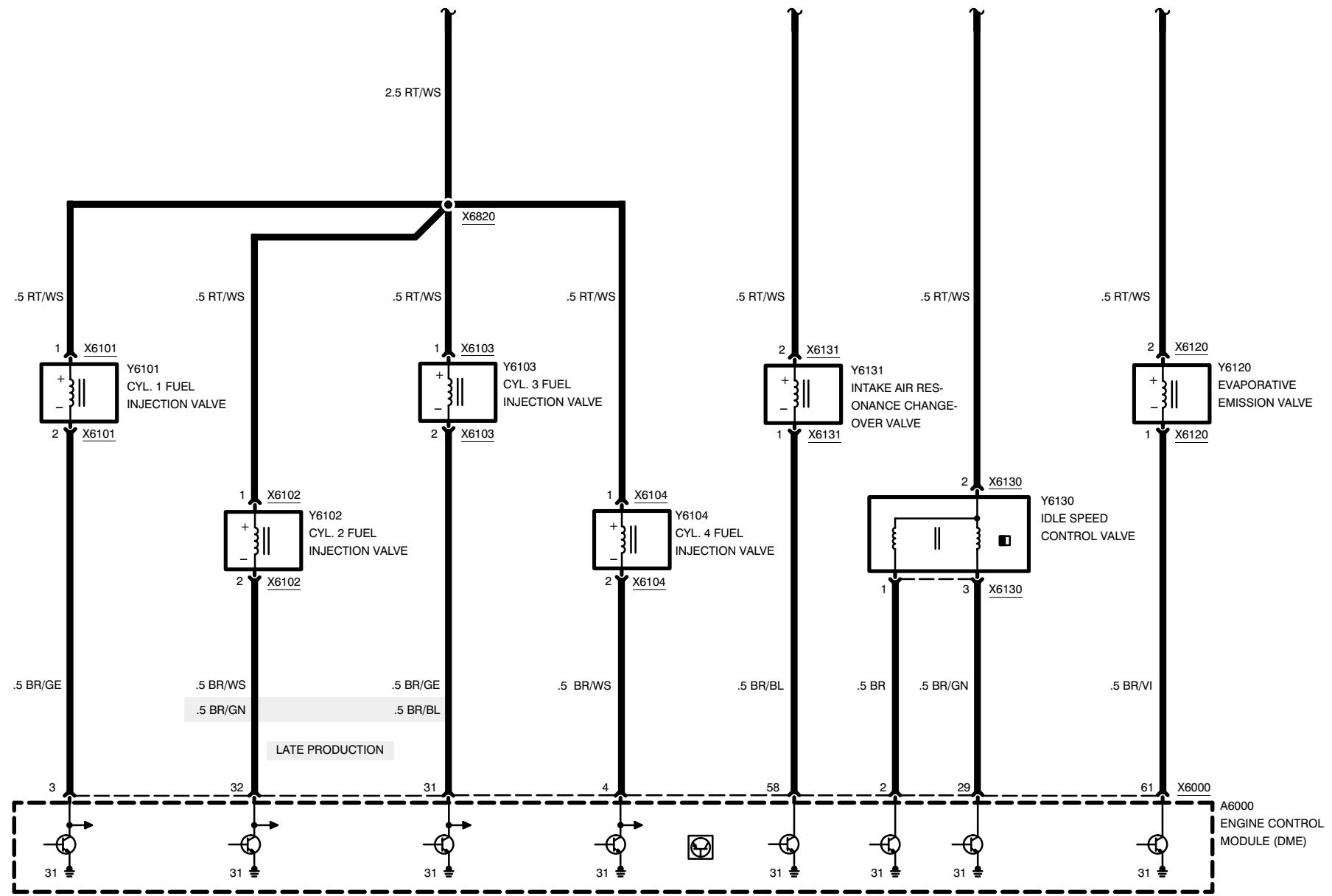
POWER, FUEL INJECTION VALVES

03/98

1210.20-00

1997





03/98

— 1210.20-01 —

1997

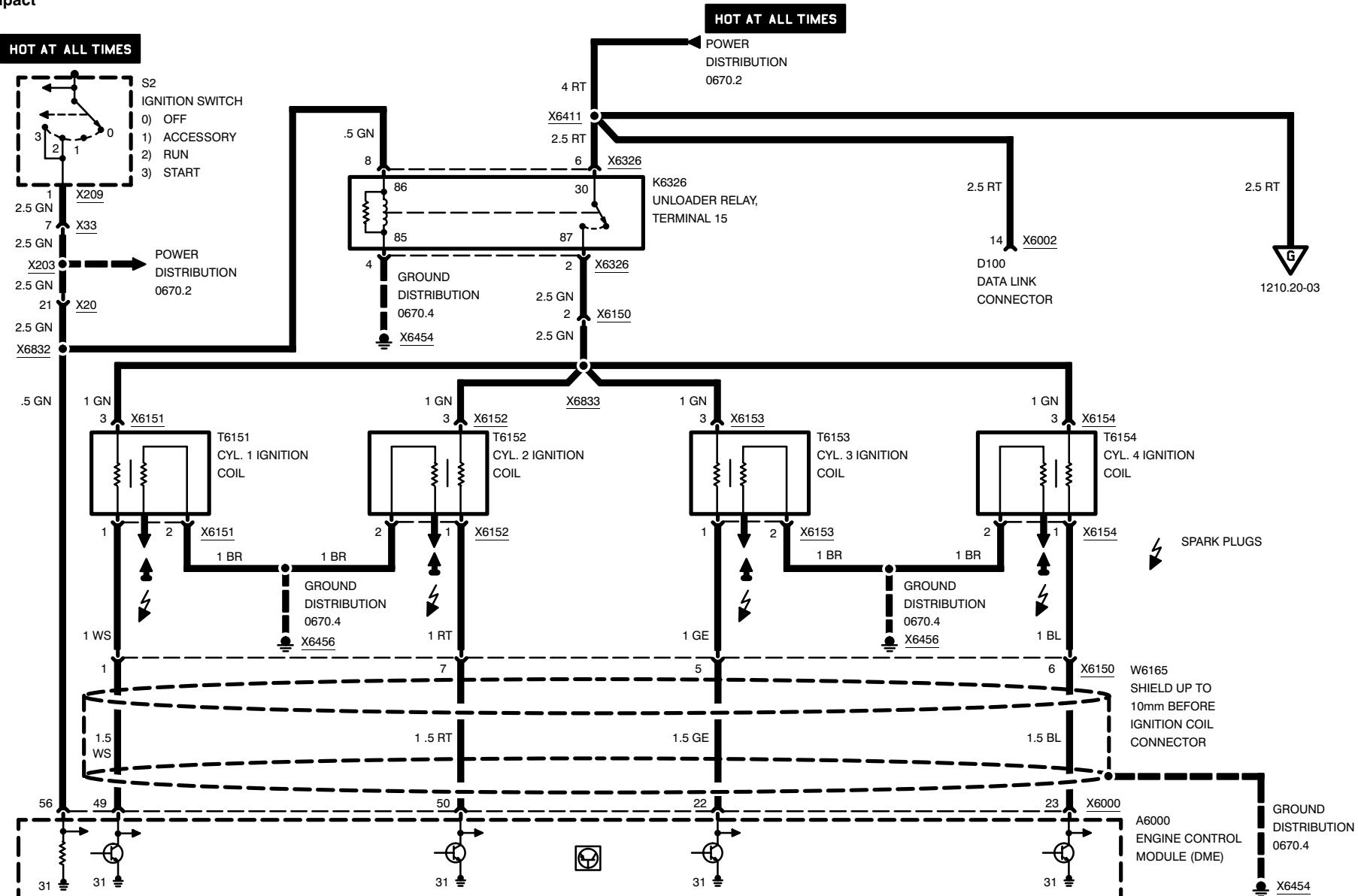
ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

IGNITION COILS

03/98

1210.20-02

1997



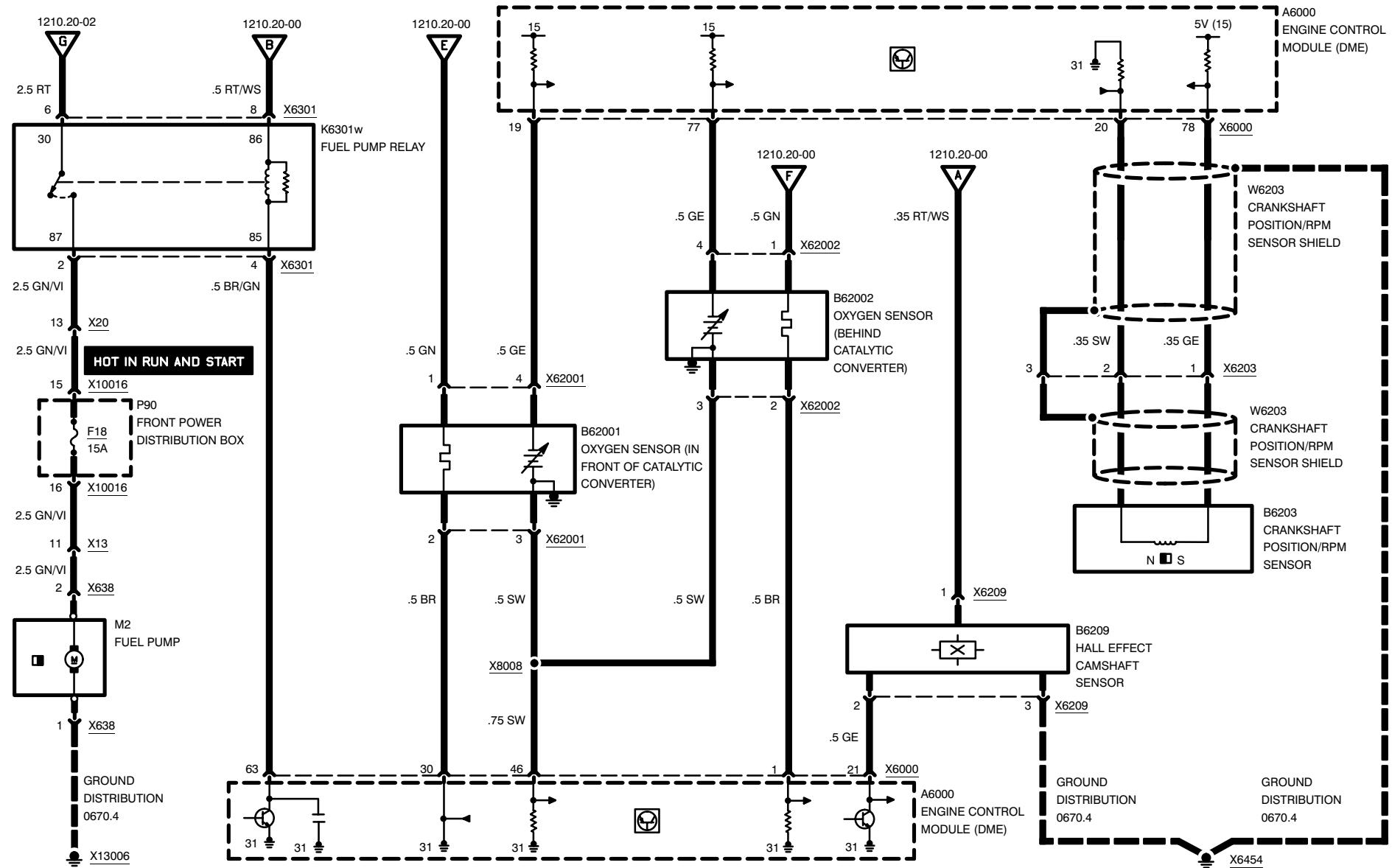
ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

FUEL PUMP, HEATED OXYGEN SENSOR, CRANKSHAFT SENSORS

03/98

1210.20-03

1997

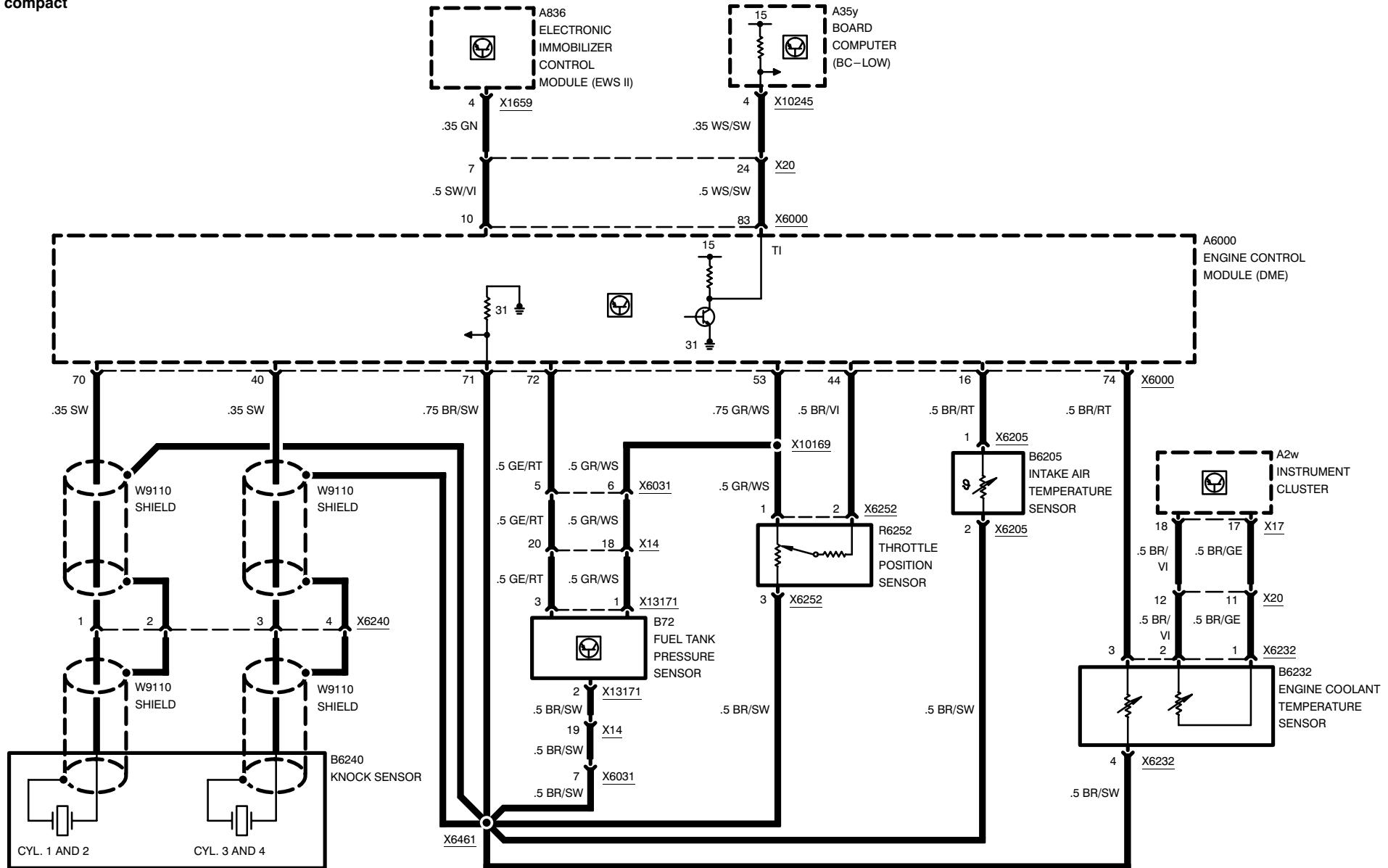


ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

03/98

1210.20-04

1997

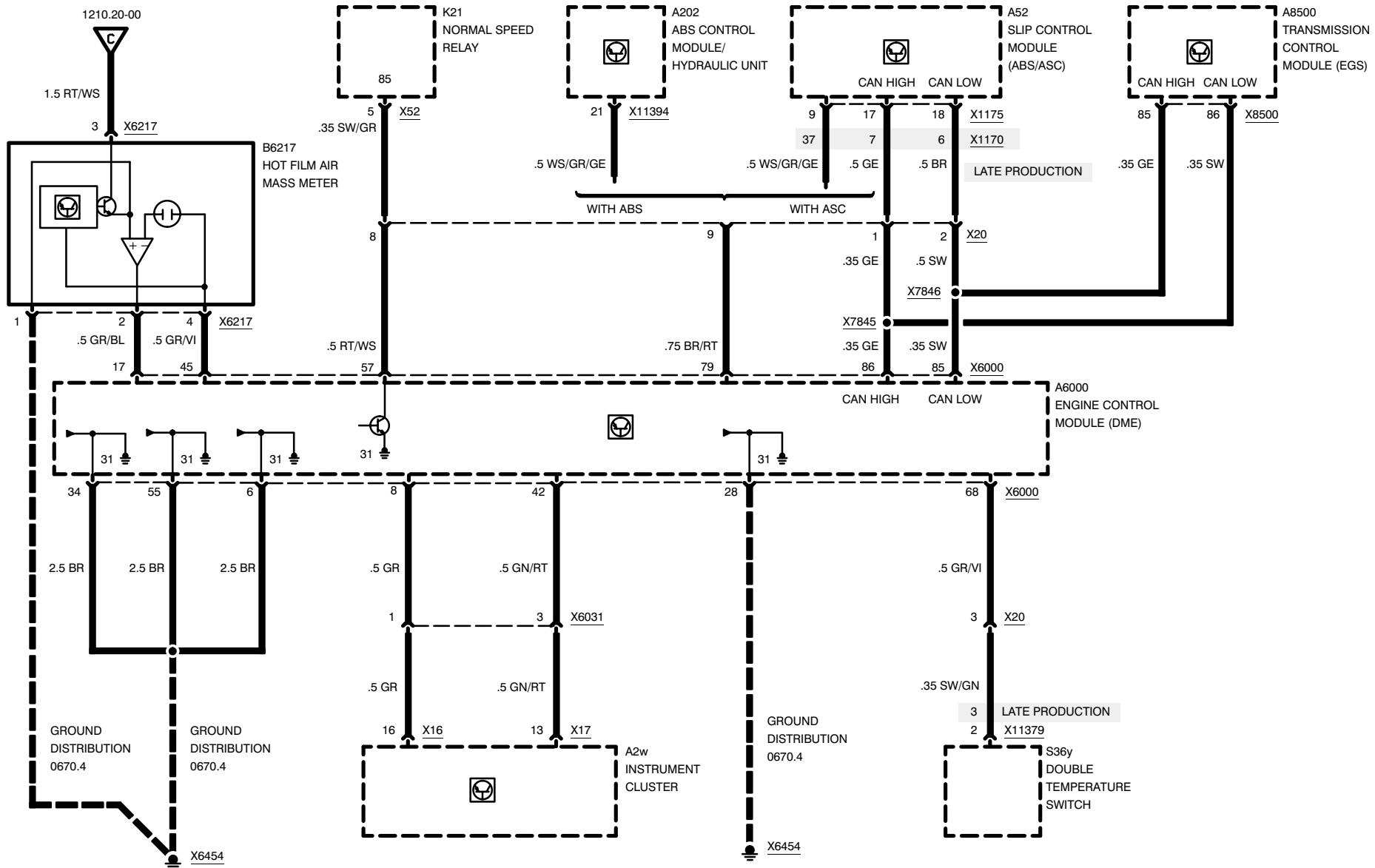


ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

03/98

1210.20-05

1997

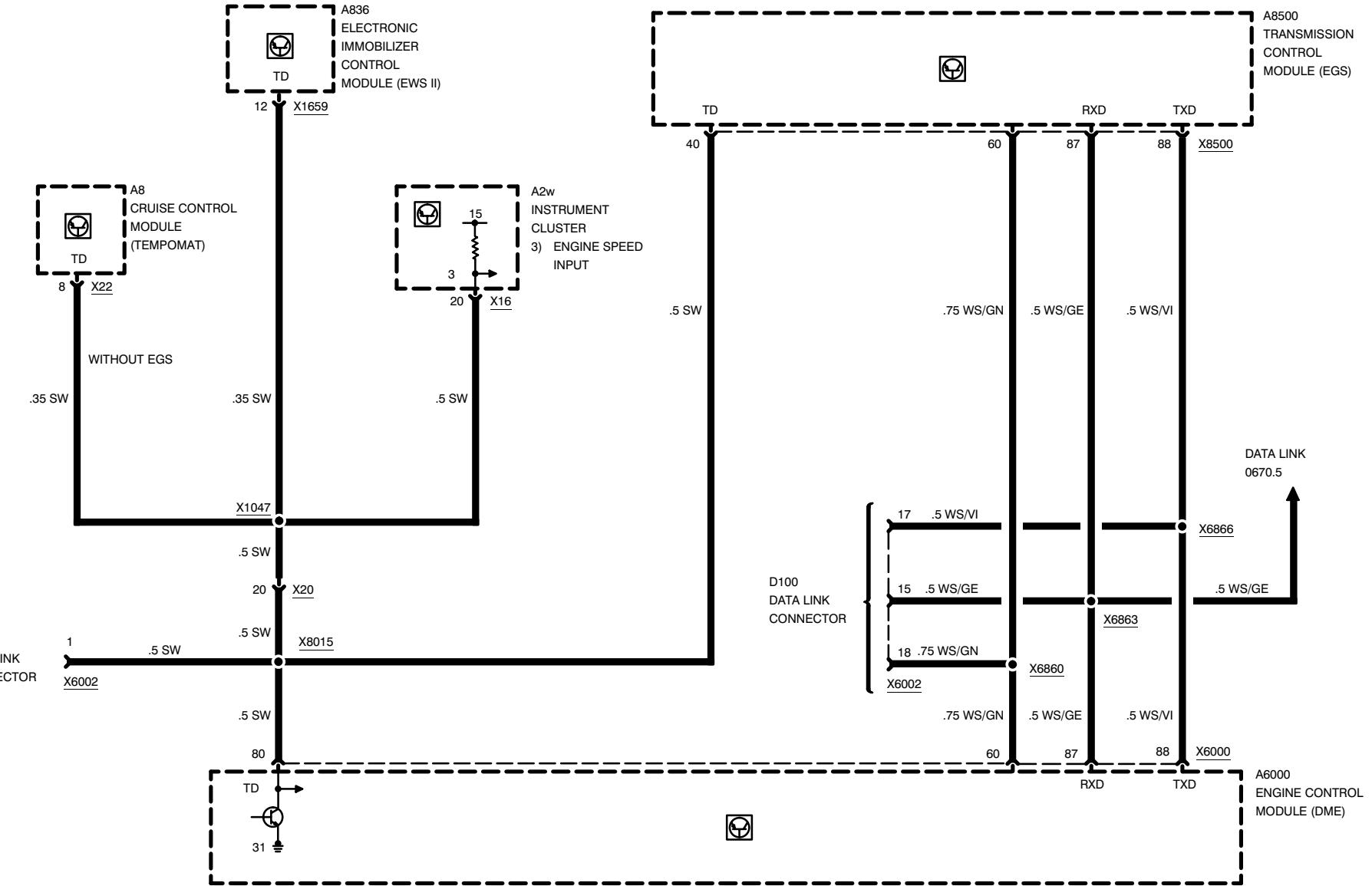


ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

DATA LINK

03/98

1210.20-06 1997

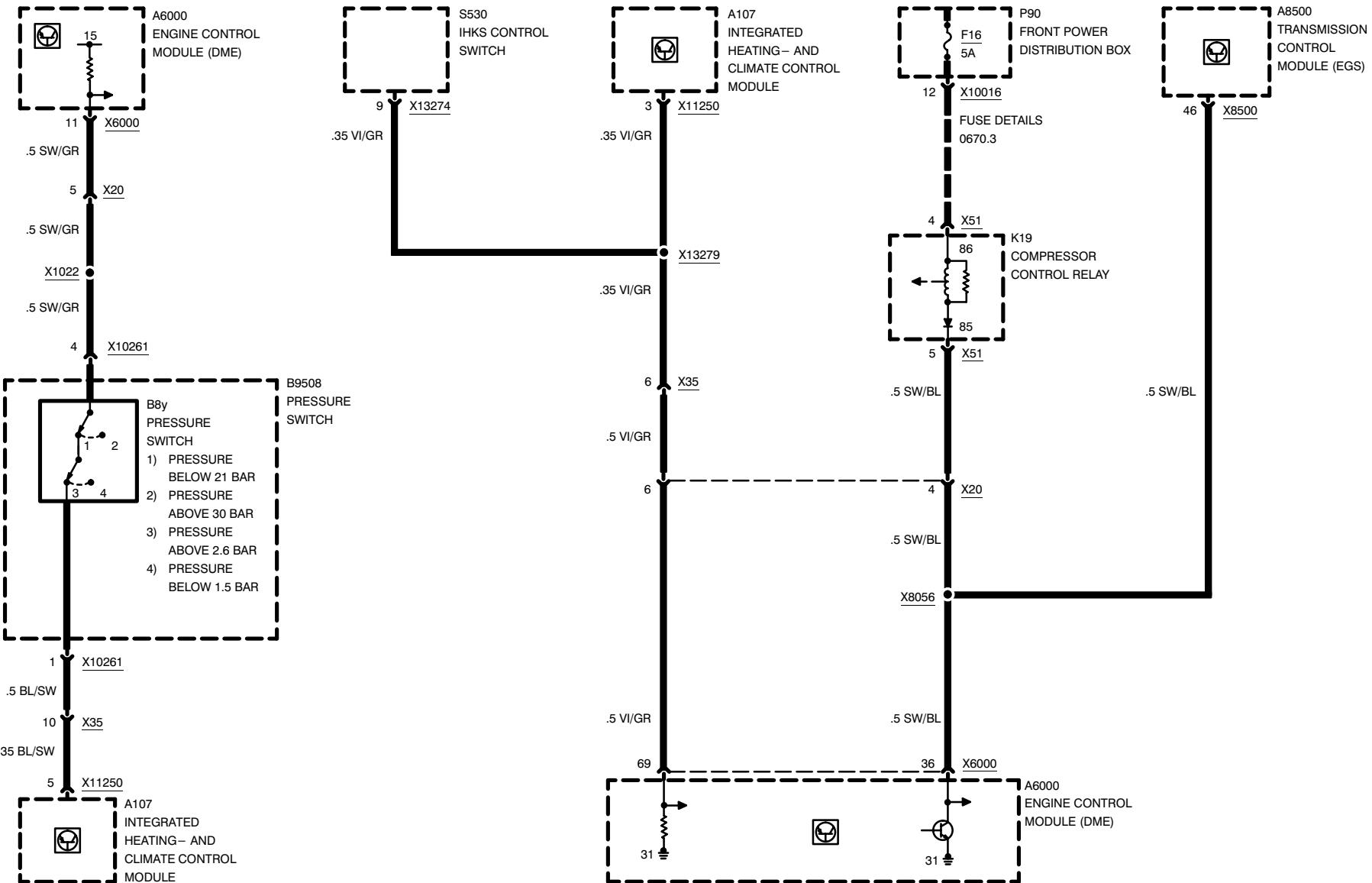


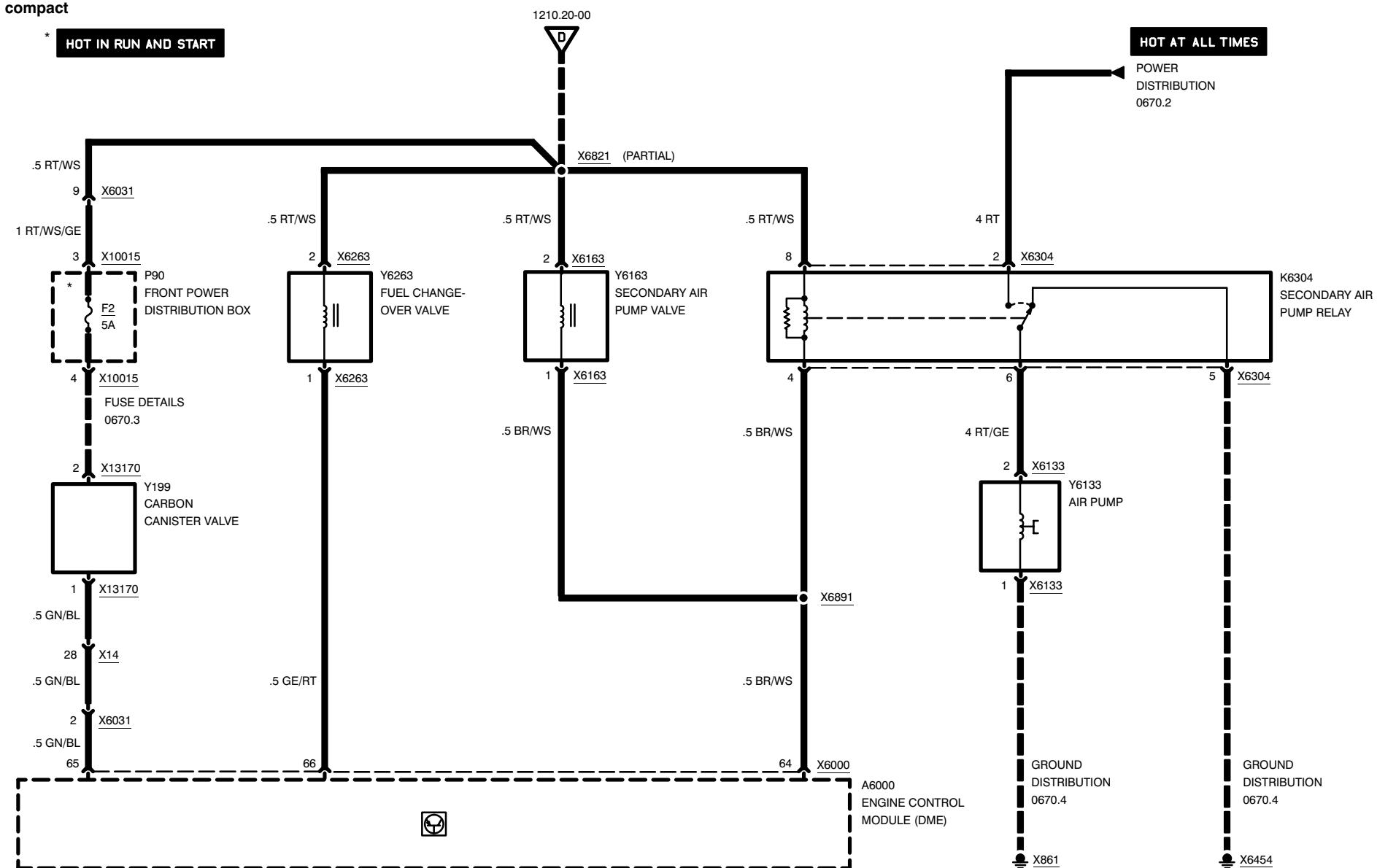
ENGINE CONTROL SYSTEM (DME M5.2, 4-CYLINDER M44)

03/98

1210.20-07

1997



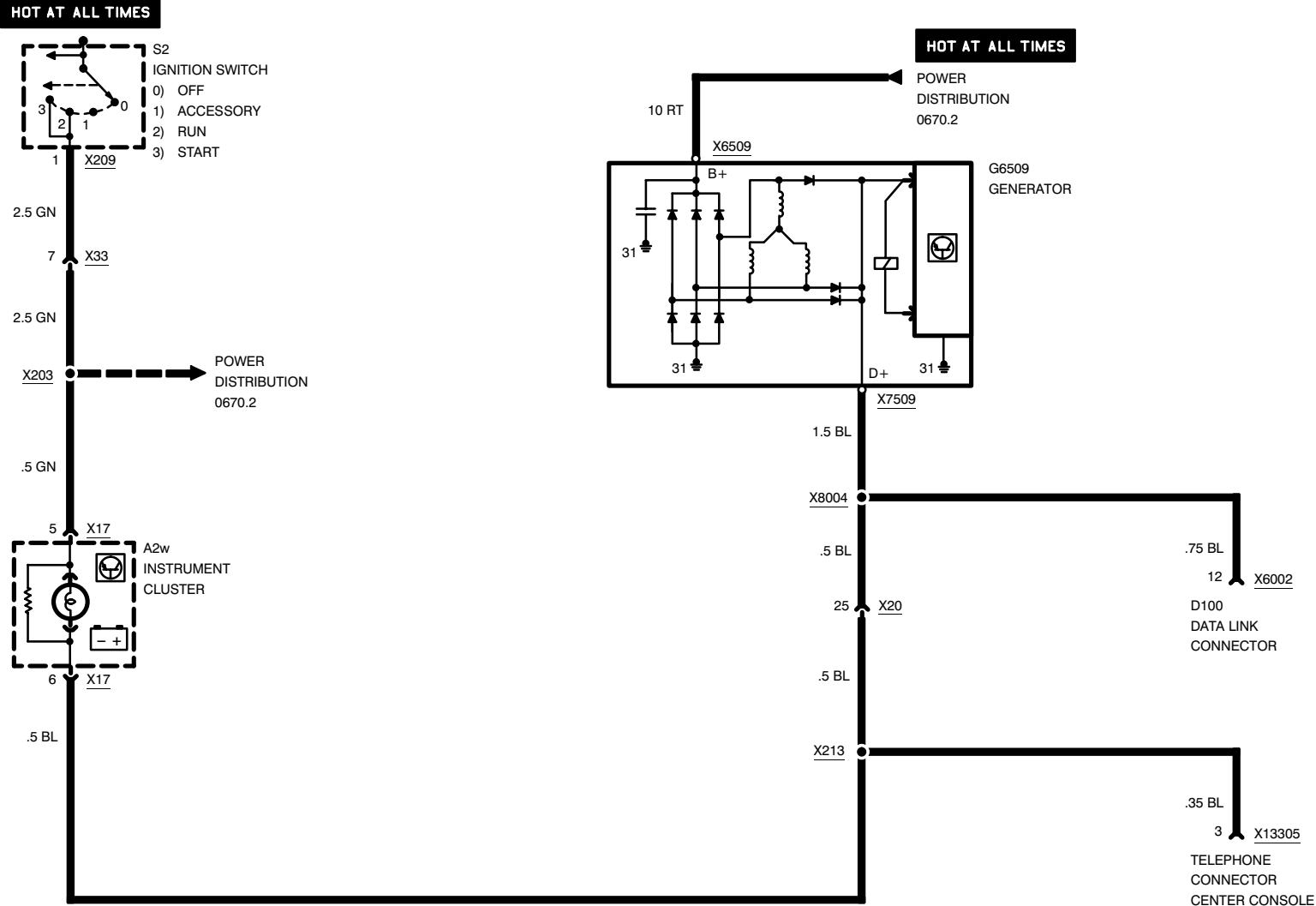


CHARGING SYSTEM

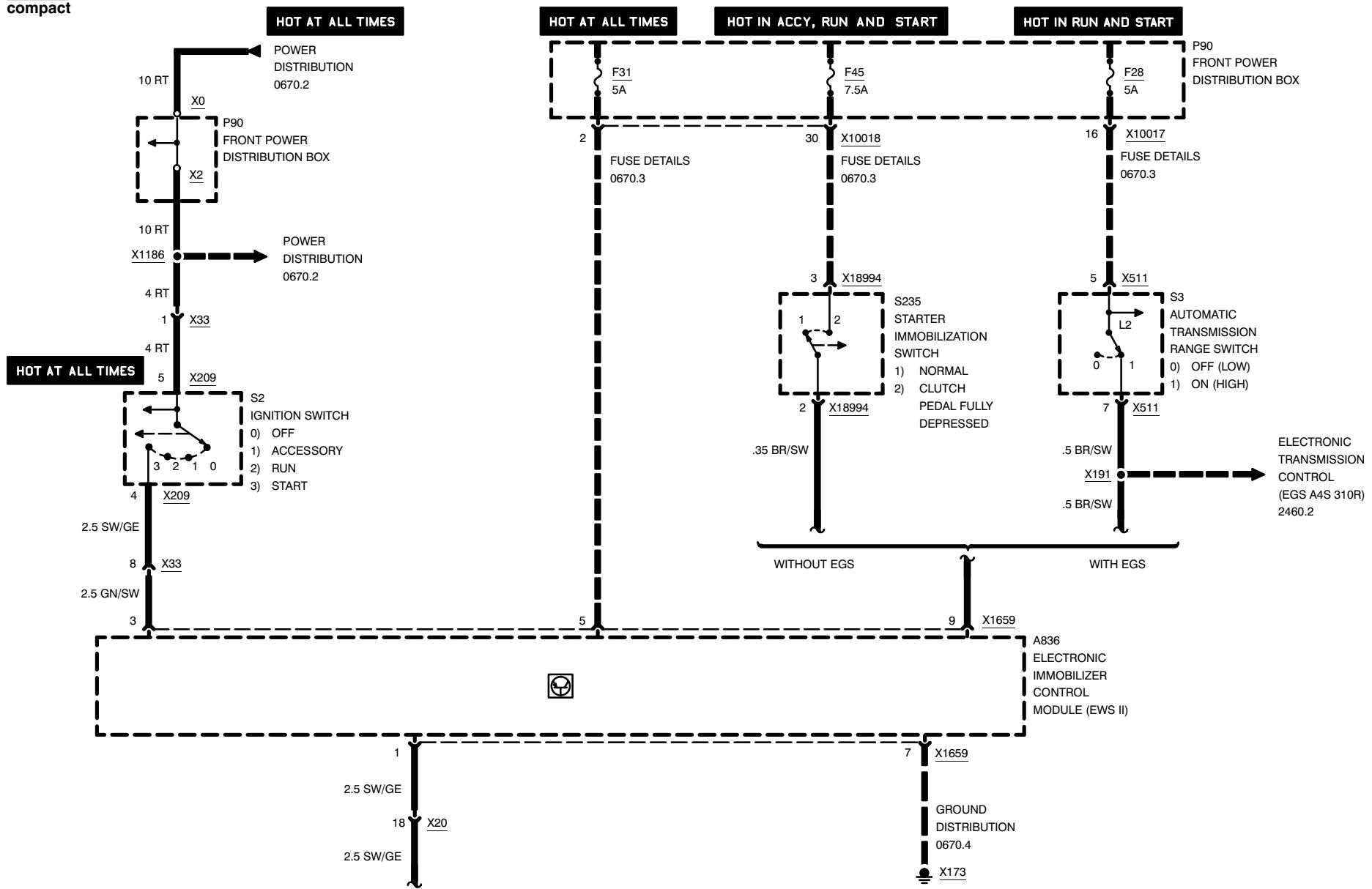
03/98

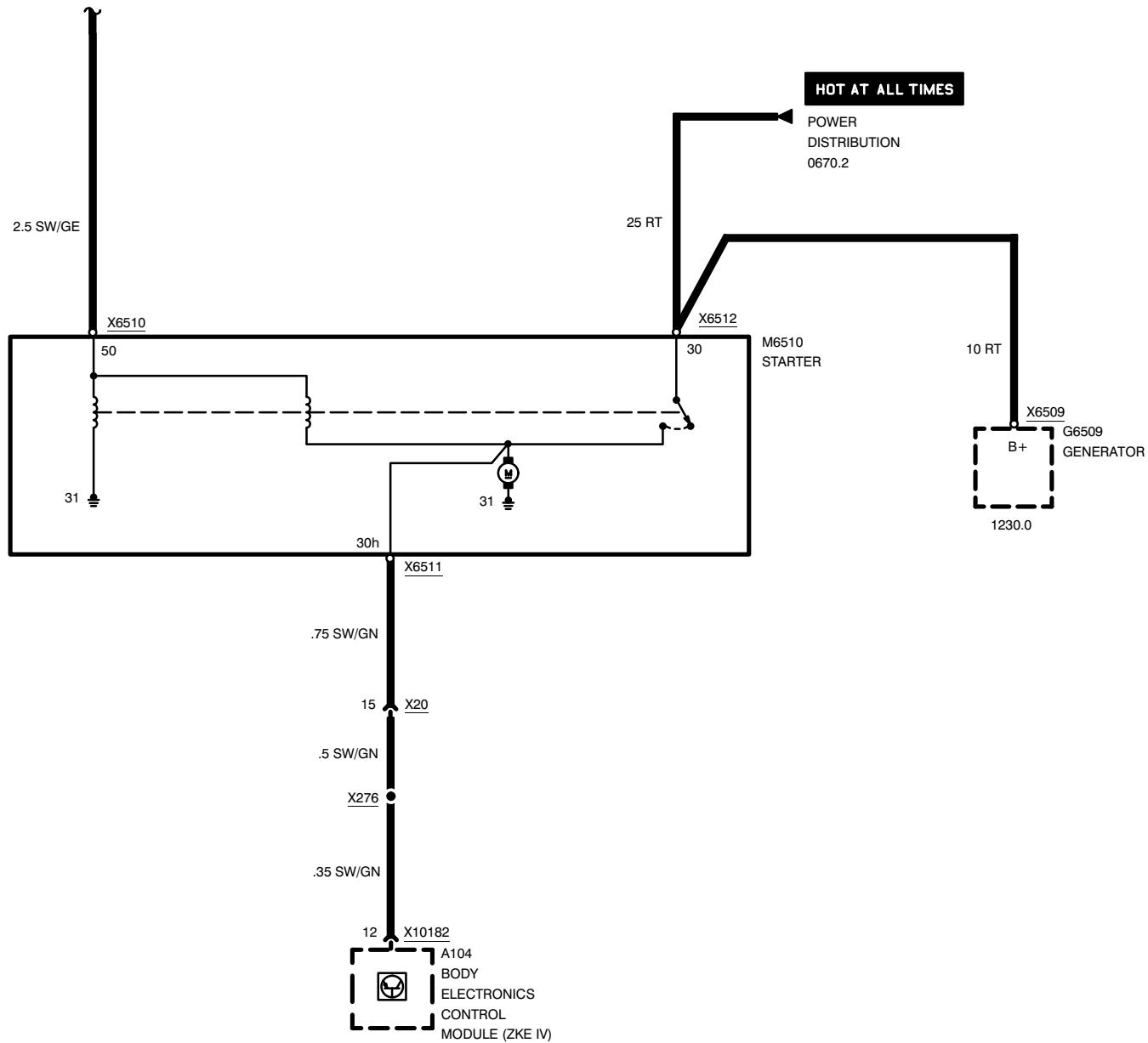
1230.0-00

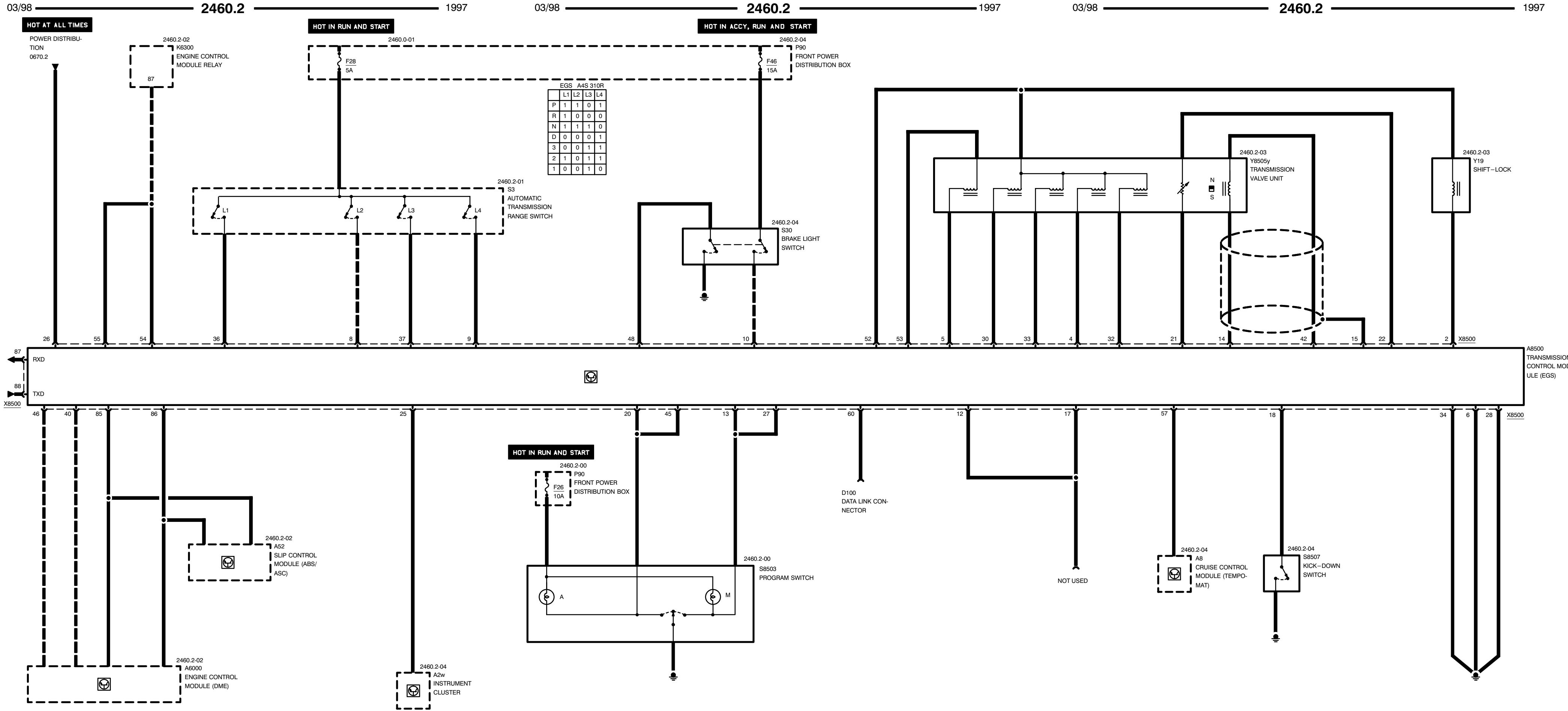
1997

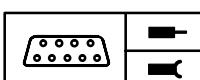


START









Pin Assignments

X8500

Pin	Type	Description/Function	Connection
89		Not used	
90	A	Shift-lock solenoid control	Shift-lock
91		Not used	
92	A	Solenoid valve band control (-)	Transmission valve unit
93	A	Hydraulic pressure regulator control (-)	Transmission valve unit
94	M	Ground	Ground point
95		Not used	
96	E	Gear range signal L2	Automatic transmission range switch
97	E	Gear range signal L4	Automatic transmission range switch
98	E	Brake pedal position	Brake light switch
99		Not used	
100	E	Sport mode signal	Not used
101	E	Manual mode signal	Program switch
102	E	Output speed (-)	Transmission valve unit
103	M	Ground for shield	Shield for speed sensor
104		Not used	
105	A	S-program indication	Not used
106	E	Kick-down signal	Kick-down switch
107		Not used	
108	E	Automatic mode signal	Program switch
109	E	Oil temperature signal (-)	Transmission valve unit
110	E	Oil temperature signal (+)	Transmission valve unit
111		Not used	
112		Not used	
113	A	Fault indicator signal	Instrument cluster
114	E	Battery voltage	B+ junction point
115	A	M-program indication	Program switch
116	M	Ground	Ground point
117		Not used	
118	A	Solenoid valve 1 control (-)	Transmission valve unit

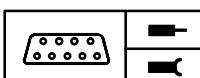
E = Input, A = Output, M = Ground



Pin Assignments

Pin	Type	Description/Function	Connection
119		Not used	
120	A	Torque converter clutch solenoid valve control (-)	Transmission valve unit
121	A	Solenoid valve 2 control (-)	Transmission valve unit
122	M	Ground	Ground point
123		Not used	
124	E	Gear range signal L1	Automatic transmission range switch
125	E	Gear range signal L3	Automatic transmission range switch
126		Not used	
127		Not used	
128	E	RPM speed signal TD	Engine control module
129		Not used	
130	E	Output speed (+)	Transmission valve unit
131		Not used	
132		Not used	
133	A	A-program indication	Program switch
134	E	A/C compressor-ON-signal	Engine control module
135		Not used	
136	E	Brake switch test signal	Brake light switch
137		Not used	
138		Not used	
139		Not used	
140	A	Voltage supply	Shift-lock/Transmission valve unit
141	E	Voltage pressure regulator	Transmission valve unit
142	E	Voltage supply terminal 87	Engine control module relay
143	E	Voltage supply terminal 87	Engine control module relay
144		Not used	
145	E	Cruise control signal	Cruise control module
146		Not used	
147		Not used	
148	E	Programming voltage	Data link connector
149		Not used	

E = Input, A = Output, M = Ground

**Pin Assignments**

Pin	Type	Description/Function	Connection
150		Not used	
151		Not used	
152		Not used	
153		Not used	
154		Not used	
155		Not used	
156		Not used	
157		Not used	
158		Not used	
159		Not used	
160		Not used	
161		Not used	
162		Not used	
163		Not used	
164		Not used	
165		Not used	
166		Not used	
167		Not used	
168		Not used	
169		Not used	
170		Not used	
171		Not used	
172		Not used	
173	E/A	CAN-LOW	Engine control module/Slip control module
174	E/A	CAN-HIGH	Engine control module/Slip control module
175	A	RxD diagnostic data link	Data link connector
176	E/A	TxD diagnostic data link	Data link connector

E = Input, A = Output, M = Ground

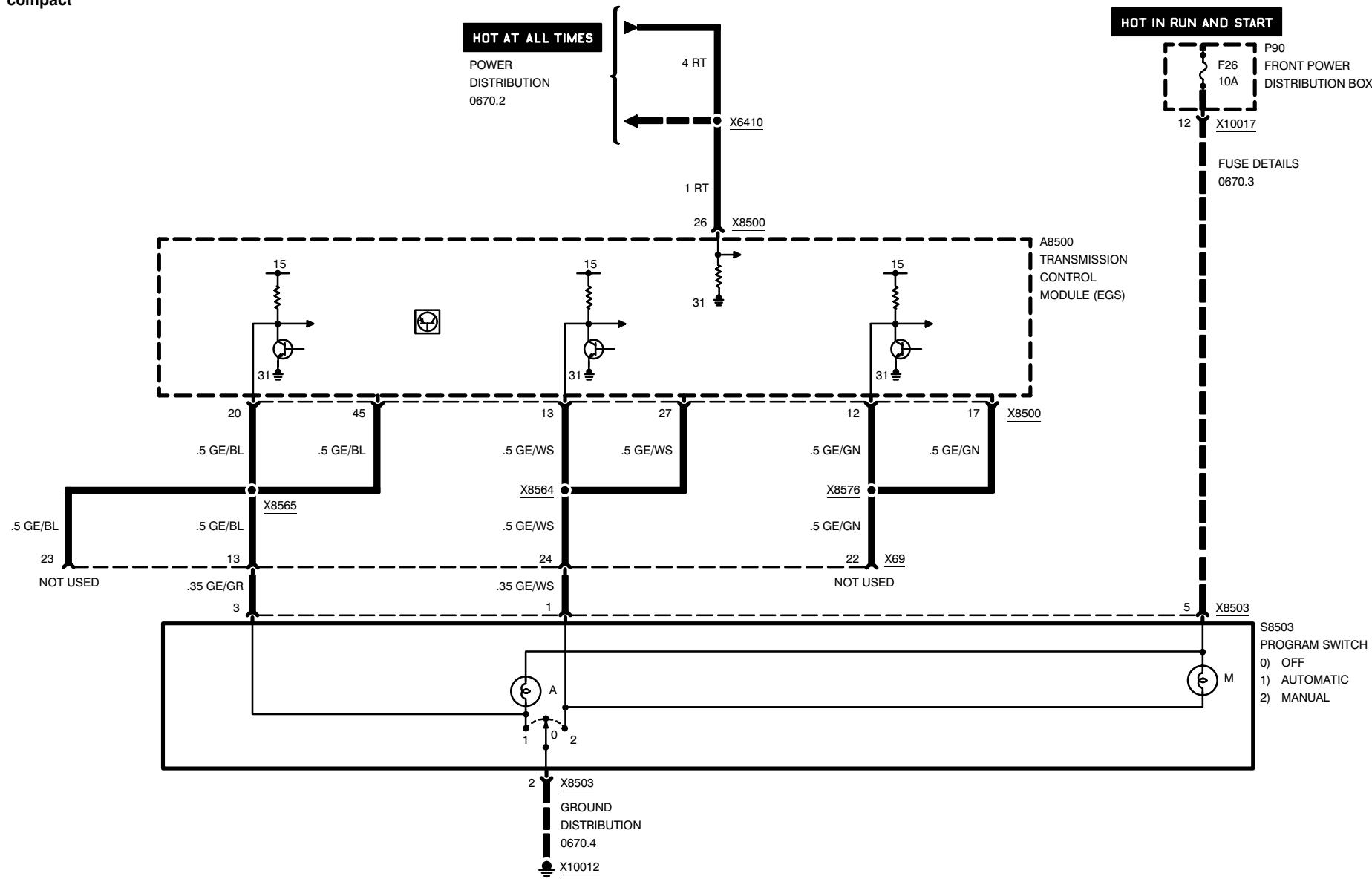
ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

POWER, PROGRAM SWITCH

03/98

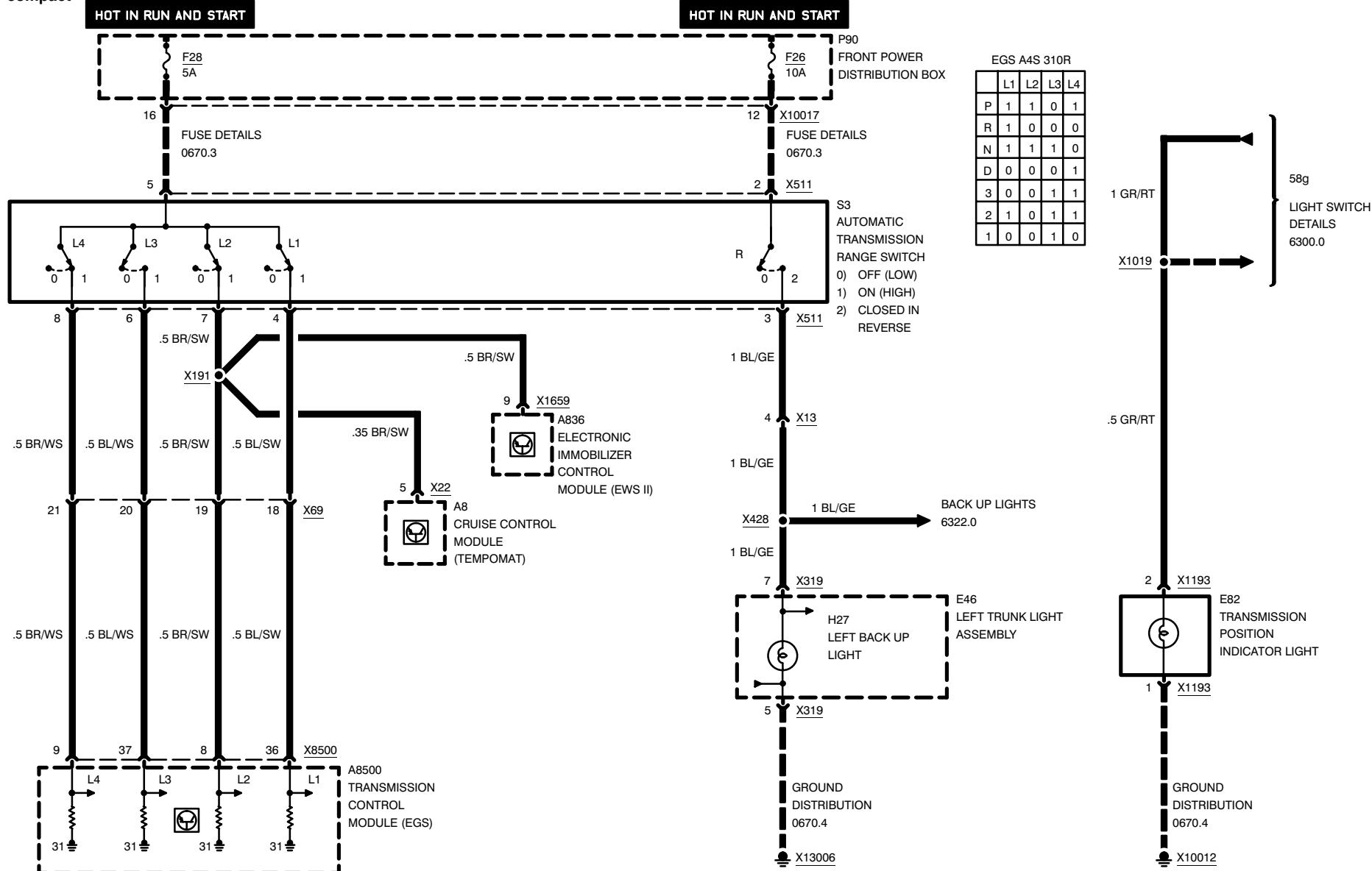
2460.2-00

1997



ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

GEAR SELECTOR SWITCH



03/98

2460.2-01

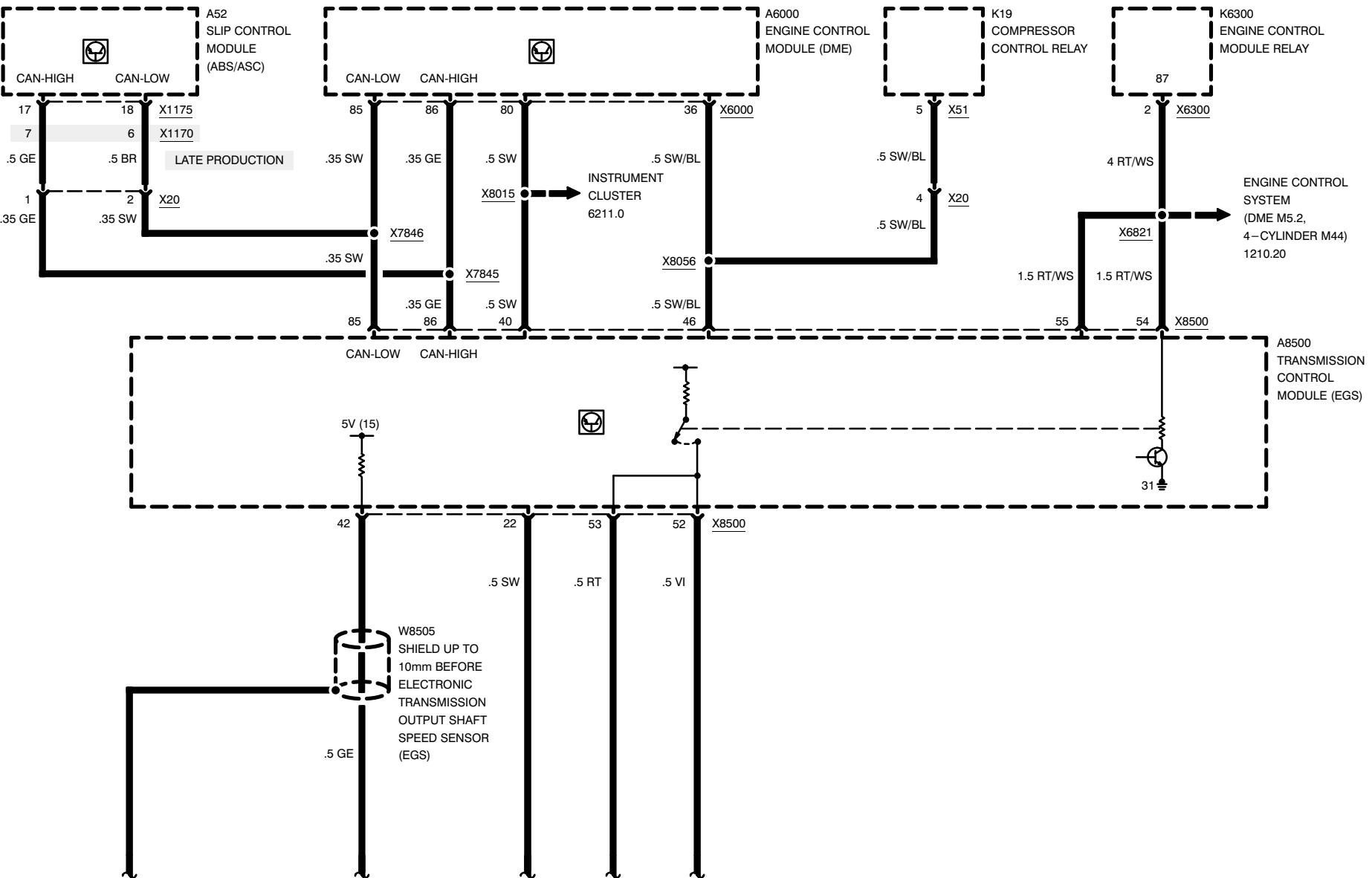
1997

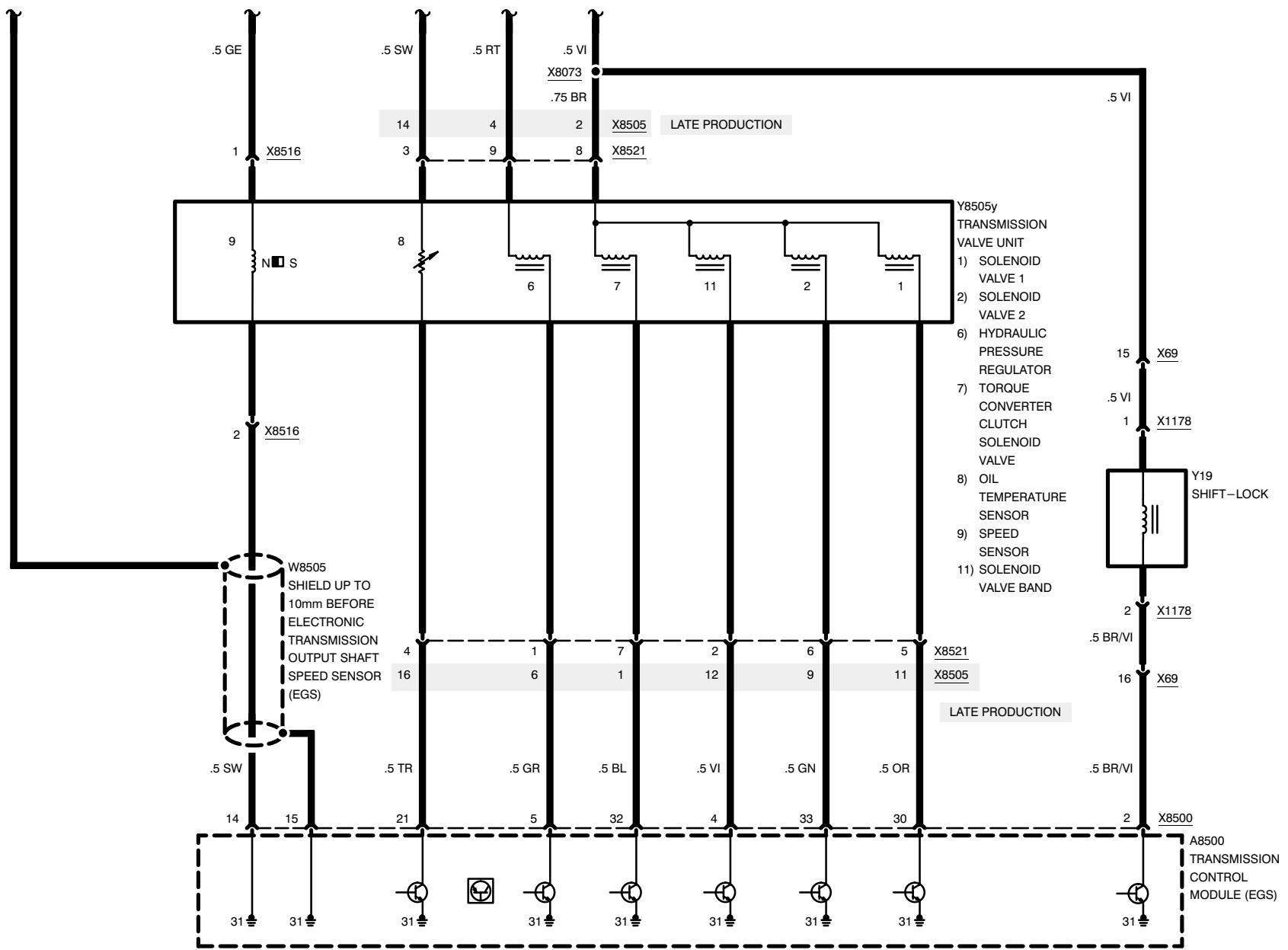
ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

03/98

2460.2-02

1997





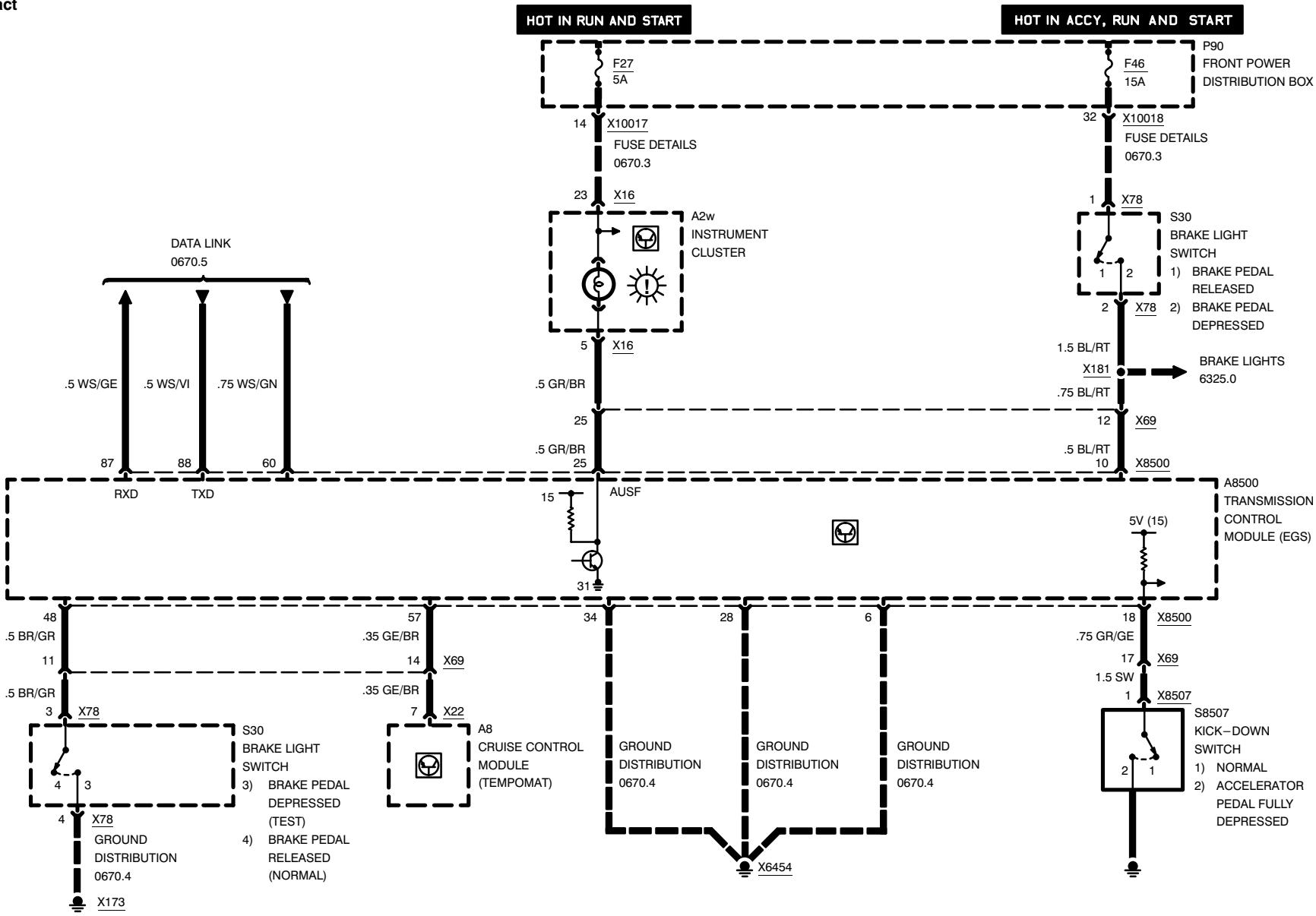
ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

SHIFT LOCK, DATA LINK, KICK-DOWN SWITCH

03/98

2460.2-04

1997

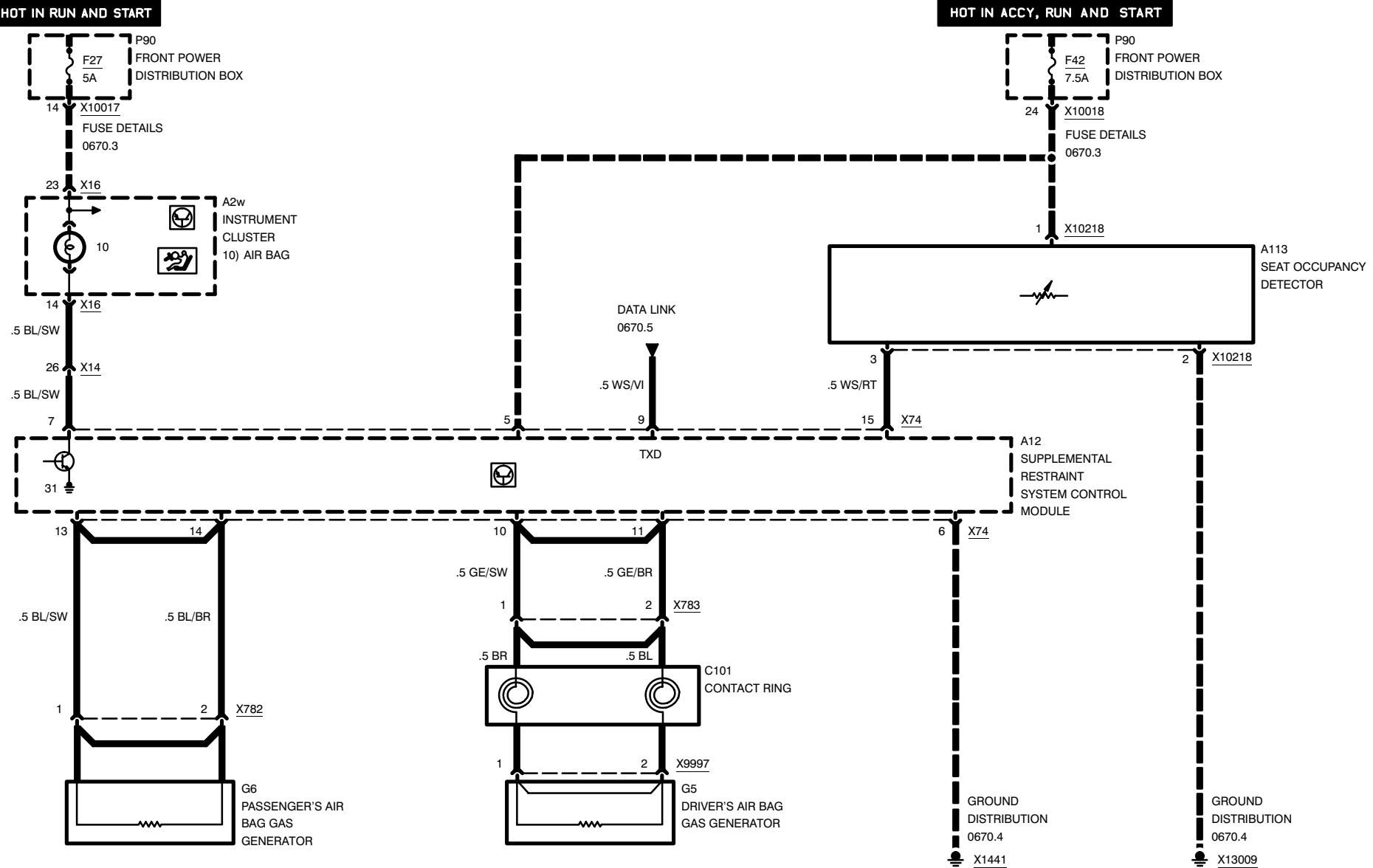


SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

03/98

3234.0-00

1997

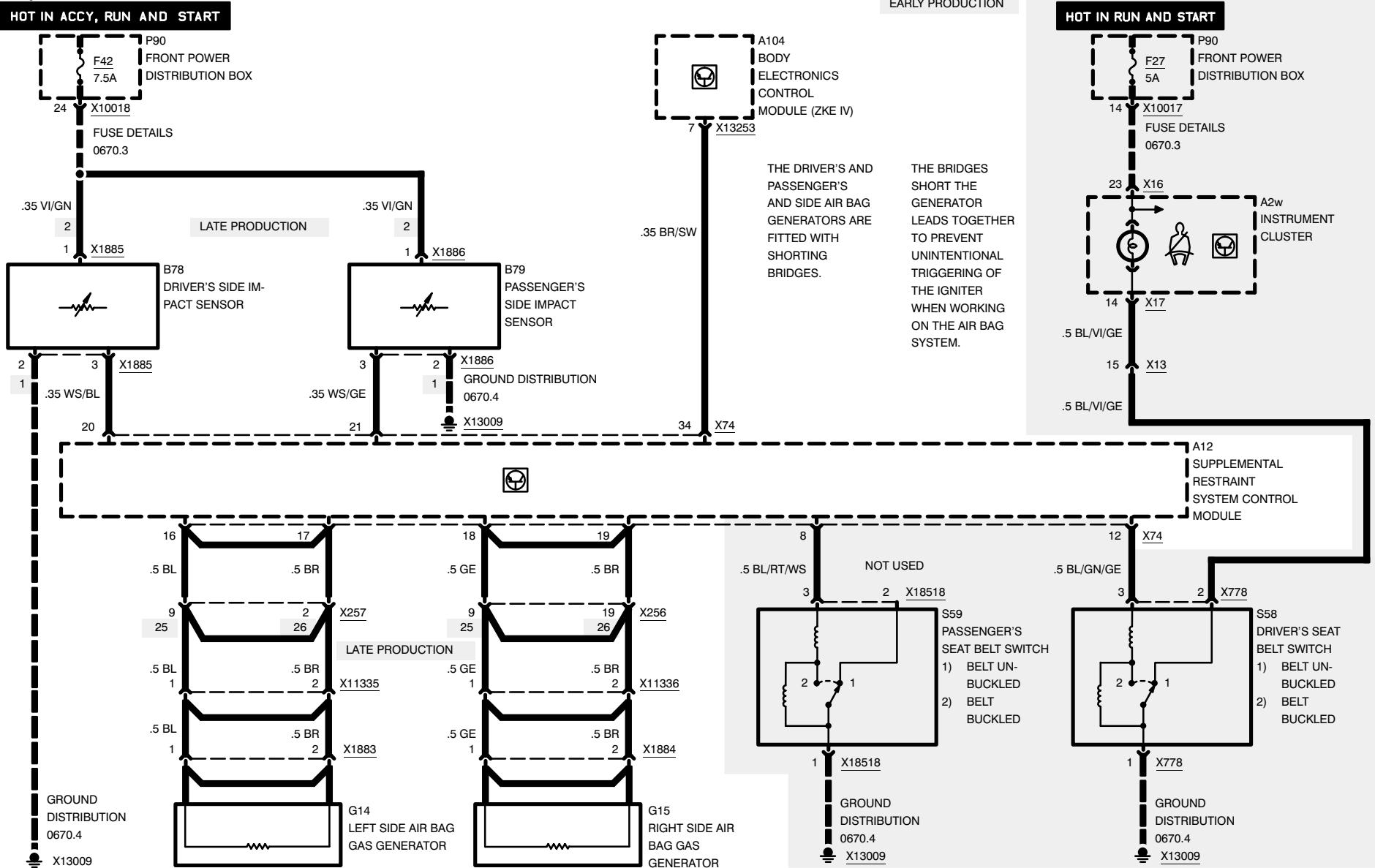


SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

03/98

3234.0-01

1997

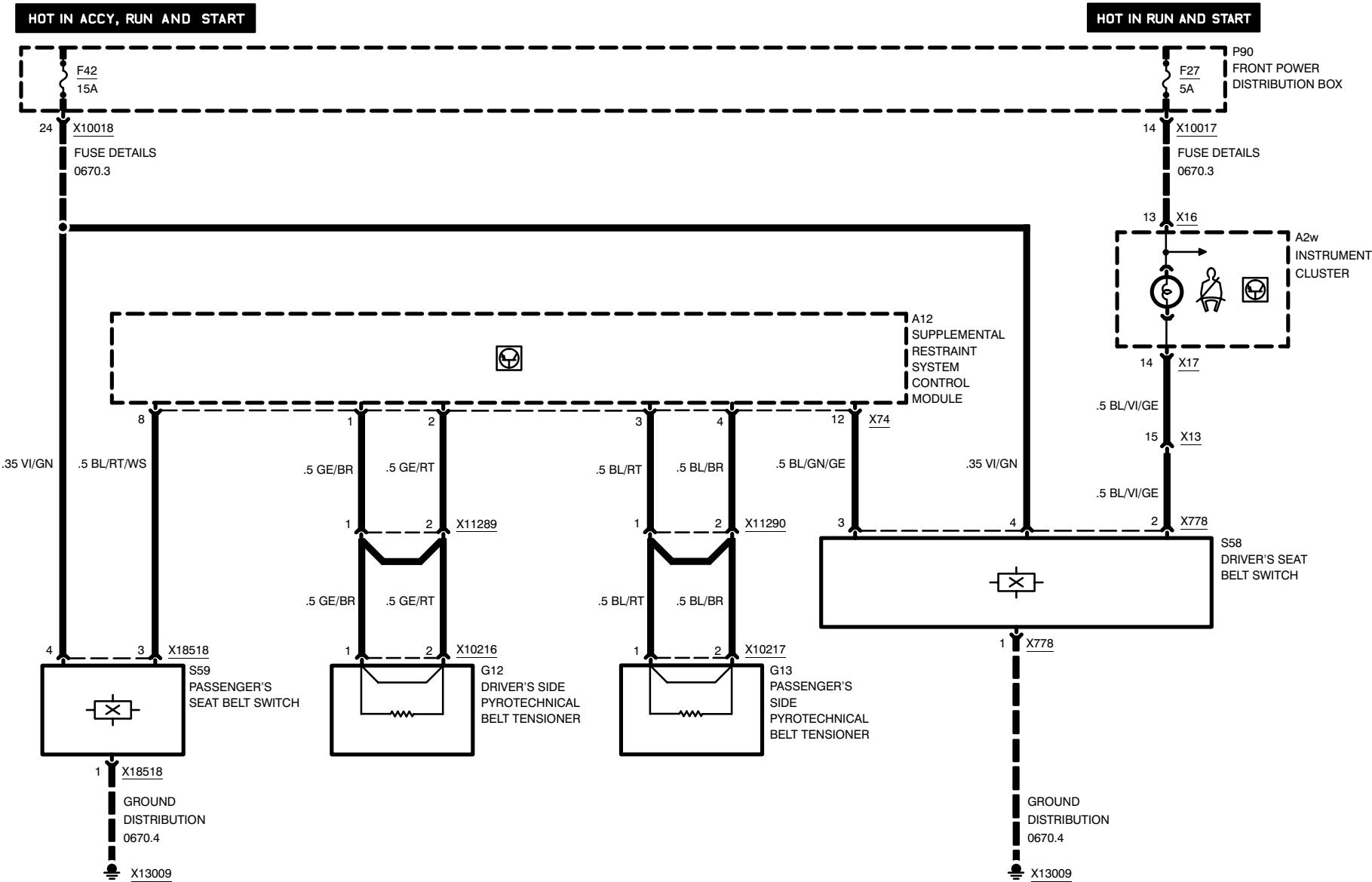


SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)**LATE PRODUCTION**

03/98

3234.0-02

1997

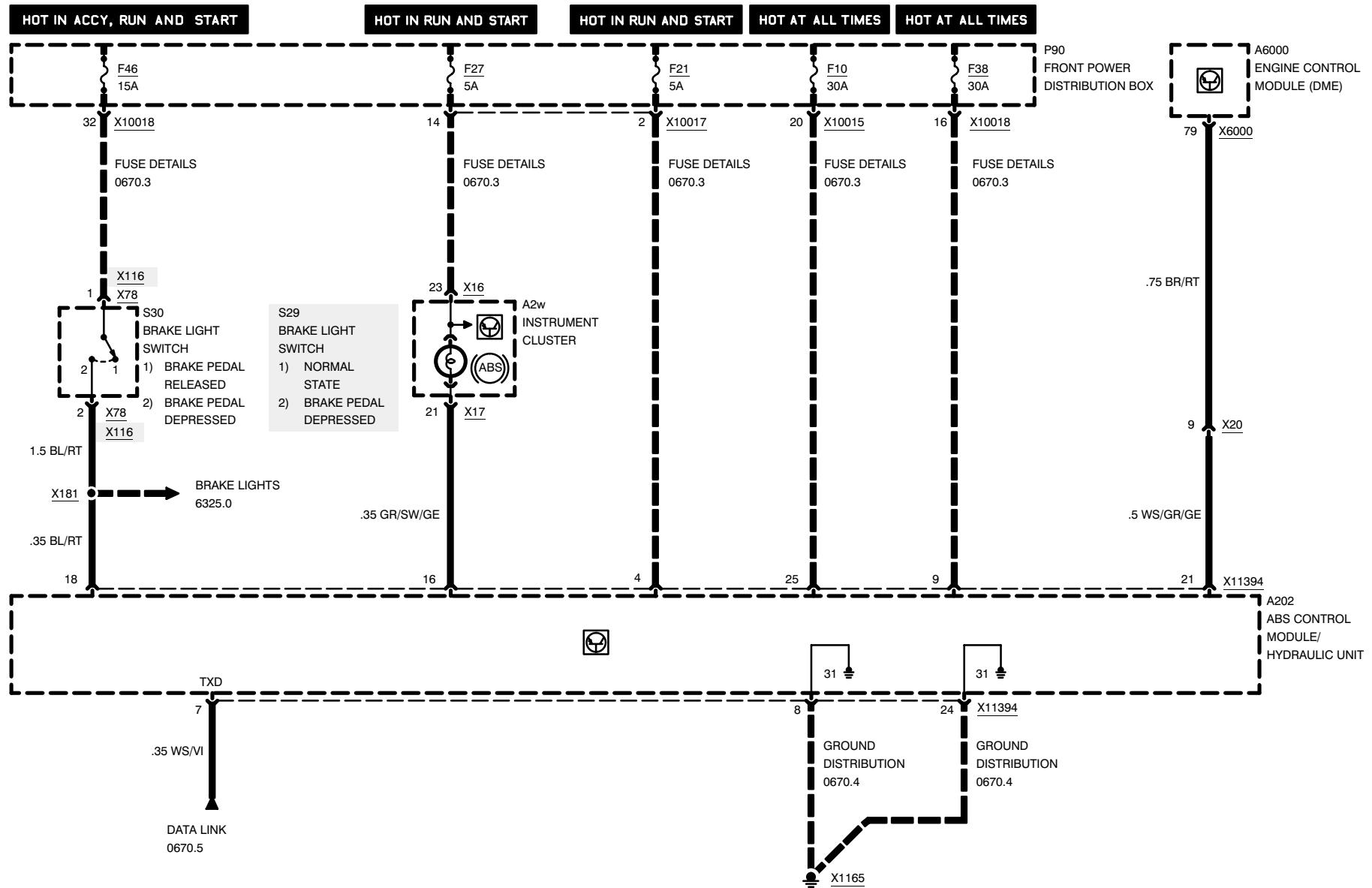


SLIP CONTROL (ABS)

03/98

3450.0-00

1997

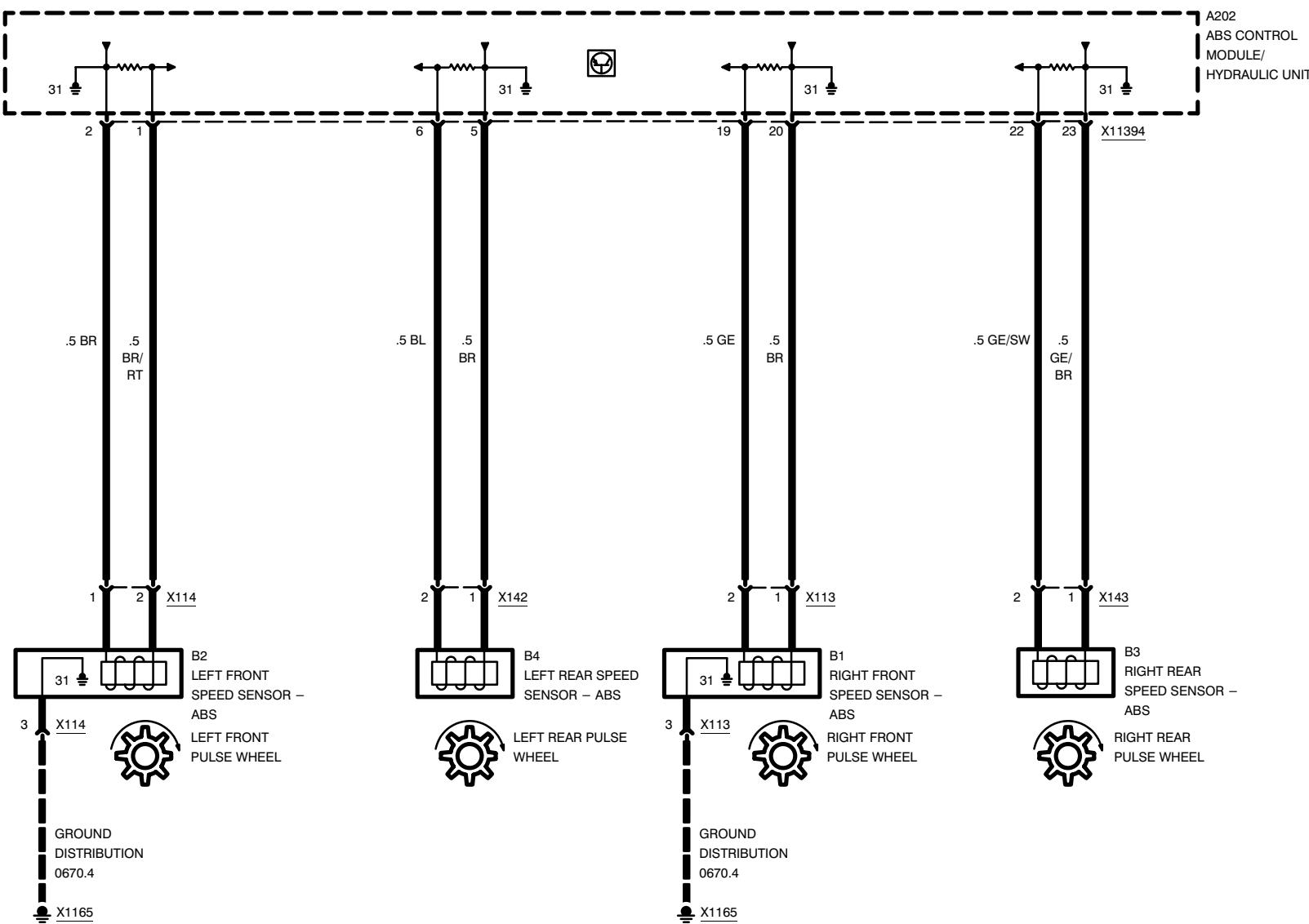


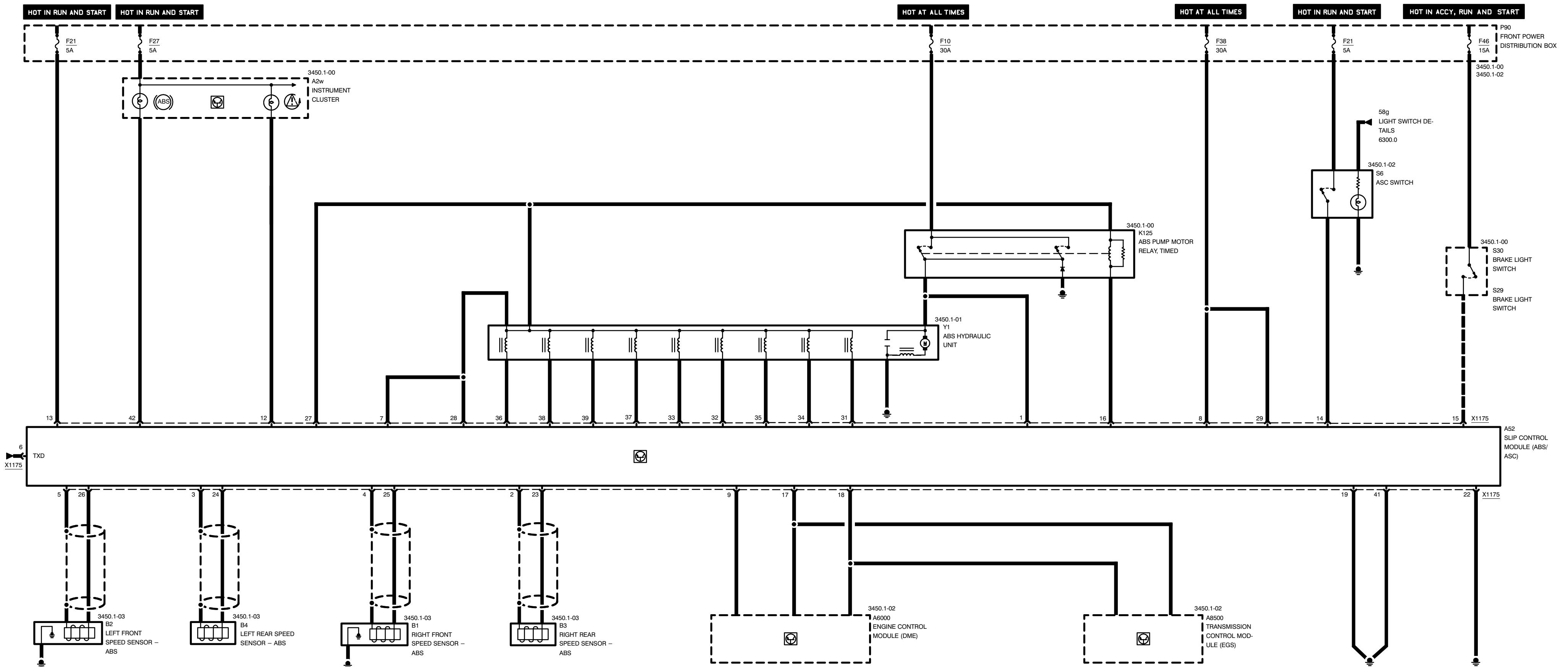
SLIP CONTROL (ABS)

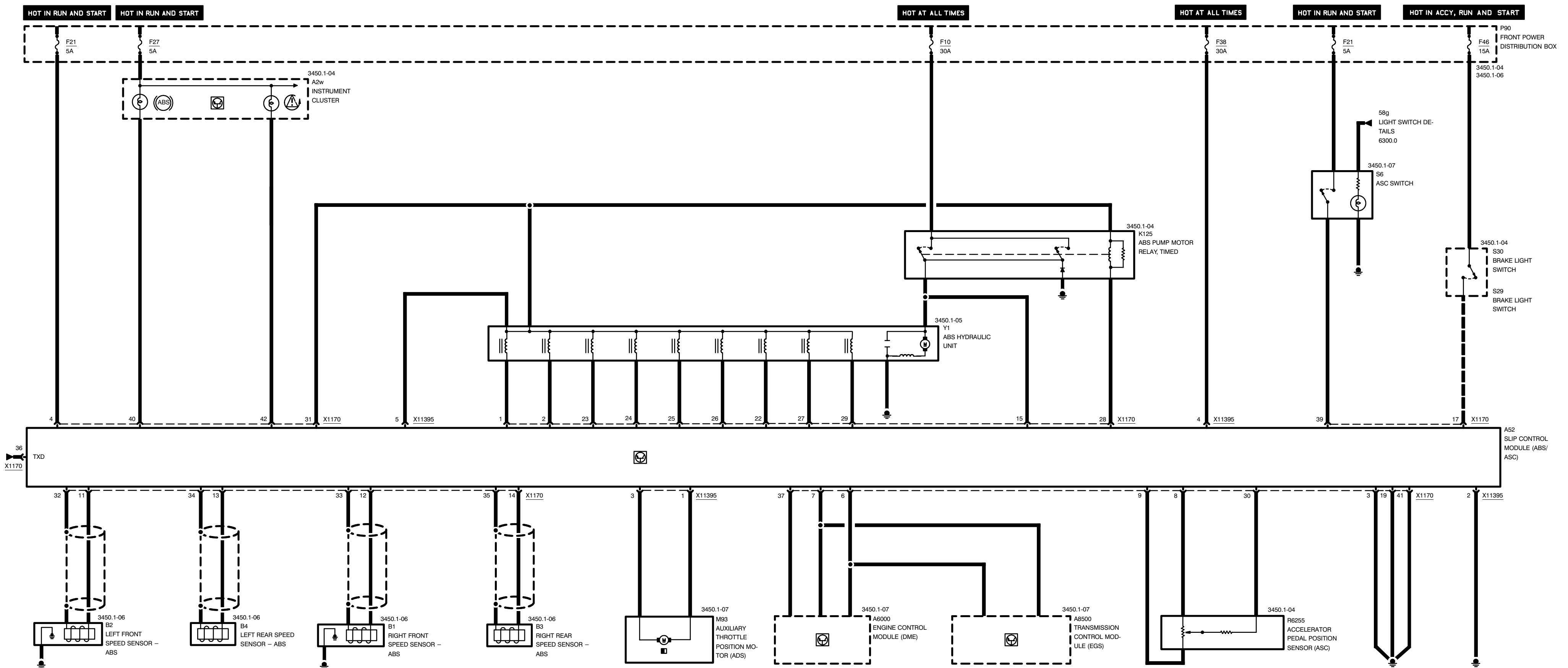
8/3/01

3450.0-01

1997



EARLY PRODUCTION

LATE PRODUCTION

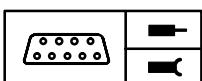


Pin Assignments (Early Production)

X1175

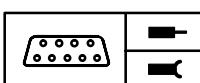
Pin	Type	Description/Function	Connection
1	E	Signal pump motor	ABS pump motor relay
2	A	Sensor ground	Right rear speed sensor – ABS
3	A	Sensor ground	Left rear speed sensor – ABS
4	A	Sensor ground	Right front speed sensor – ABS
5	A	Sensor ground	Left front speed sensor – ABS
6	E/A	TxD diagnostic data 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 (Early Production)**

Pin	Type	Description/Function	Connection
31	A	Separator 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

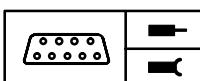


Pin Assignments (Late Production)

X1170

Pin	Type	Description/Function	Connection
1	A	Left front outlet valve	ABS hydraulic unit
2	A	Left front inlet valve	ABS hydraulic unit
3	M	Ground	Ground point
4	E	Voltage supply	Fuse 21
5		Not used	
6	E/A	CAN-LOW	DME/EGS module
7	E/A	CAN-HIGH	DME/EGS module
8	A	Accelerator pedal position, voltage	Accelerator pedal position sensor – ASC
9	M	Accelerator pedal position, ground	Accelerator pedal position sensor – ASC
10		Not used	
11	E	Speed signal	Left front speed sensor – ABS
12	E	Speed signal	Right front speed sensor – ABS
13	E	Speed signal	Left rear speed sensor – ABS
14	E	Speed signal	Right rear speed sensor – ABS
15	E	Signal pump motor	ABS pump motor relay
16		Not used	
17	E	Brake pedal position	Brake light switch
18		Not used	
19	M	Ground	Ground point
20		Not used	
21		Not used	
22	A	Right rear outlet valve	ABS hydraulic unit
23	A	Right front inlet valve	ABS hydraulic unit
24	A	Right front outlet valve	ABS hydraulic unit
25	A	Left rear outlet valve	ABS hydraulic unit
26	A	Left rear inlet valve	ABS hydraulic unit
27	A	Right rear inlet valve	ABS hydraulic unit
28	A	Activate relay	ABS pump motor relay
29	A	Separator valve	ABS hydraulic unit
30	E	Accelerator pedal position, signal	Accelerator pedal position sensor – ASC

E = Input, A = Output, M = Ground



Pin Assignments (Late Production)

Pin	Type	Description/Function	Connection
31	A	ABS signal	ABS pump motor relay/Hydraulic unit
32	A	Sensor ground	Left front speed sensor – ABS
33	A	Sensor ground	Right front speed sensor – ABS
34	A	Sensor ground	Left rear speed sensor – ABS
35	A	Sensor ground	Right rear speed sensor – ABS
36	E/A	TxD diagnostic data link	Data link connector
37	A	Speed signal, right rear	DME module
38		Not used	
39	E	ASC signal	ASC switch
40	A	ABS signal	Instrument cluster
41	M	Ground	Ground point
42	A	ASC signal	Instrument cluster

X11395

Pin	Type	Description/Function	Connection
1	A	Auxiliary throttle position, voltage	Auxiliary throttle position motor – ADS
2	M	Ground	Ground point
3	A	Auxiliary throttle position, ground	Auxiliary throttle position motor – ADS
4	E	Voltage supply	Fuse 38
5	A	ABS signal	ABS hydraulic unit

E = Input, A = Output, M = Ground

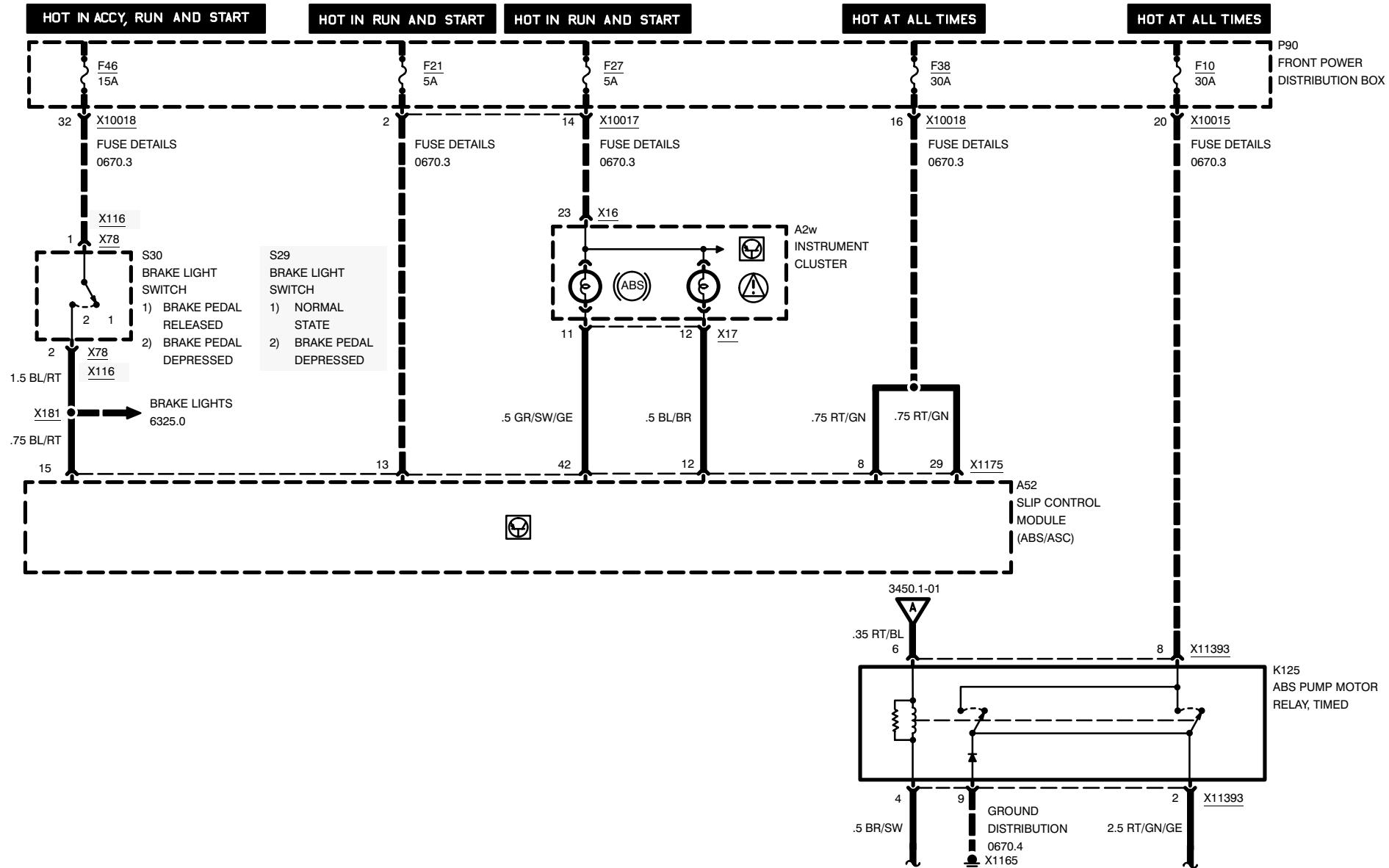
SLIP CONTROL (ABS/ASC)

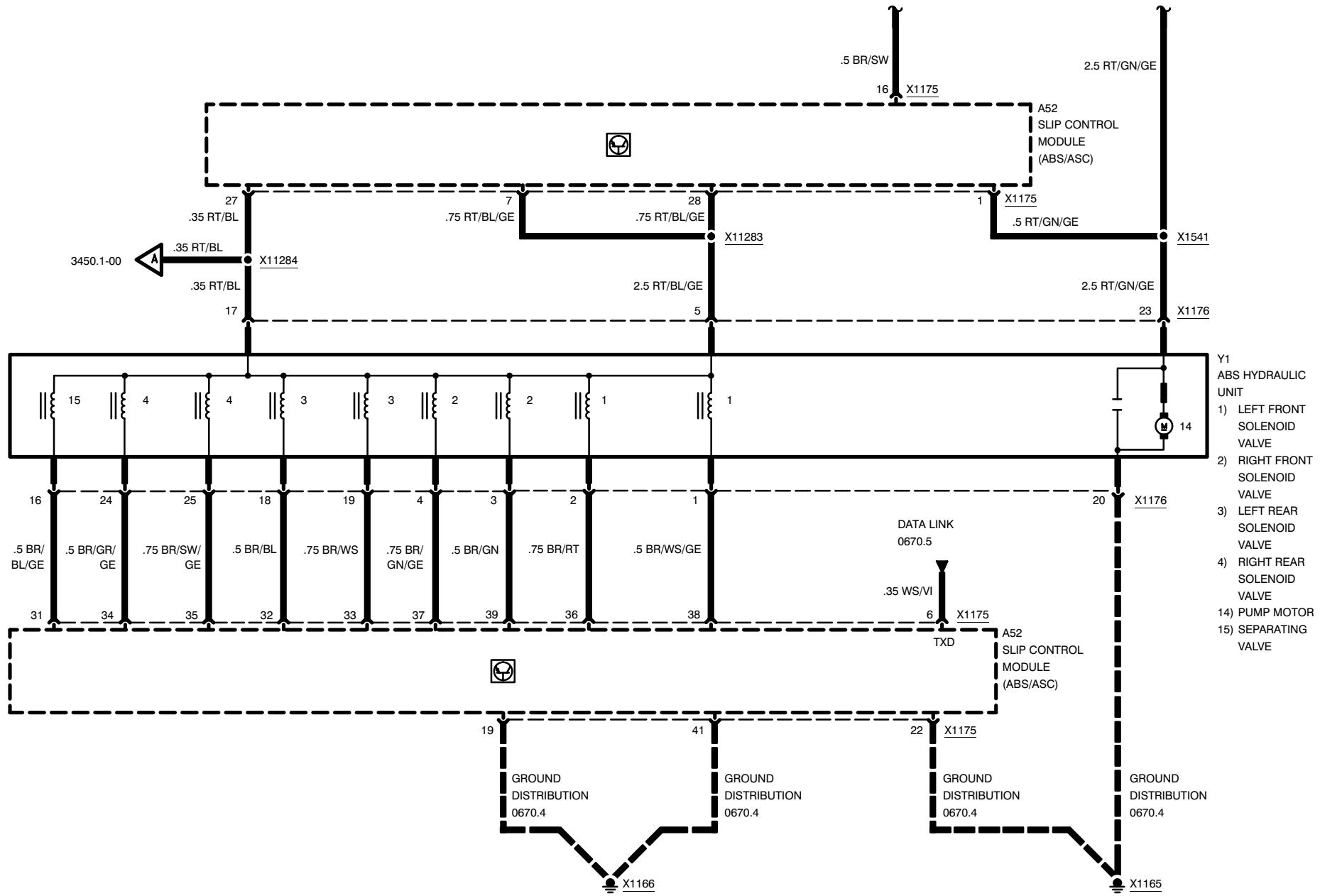
EARLY PRODUCTION

03/03

3450.1-00

1997





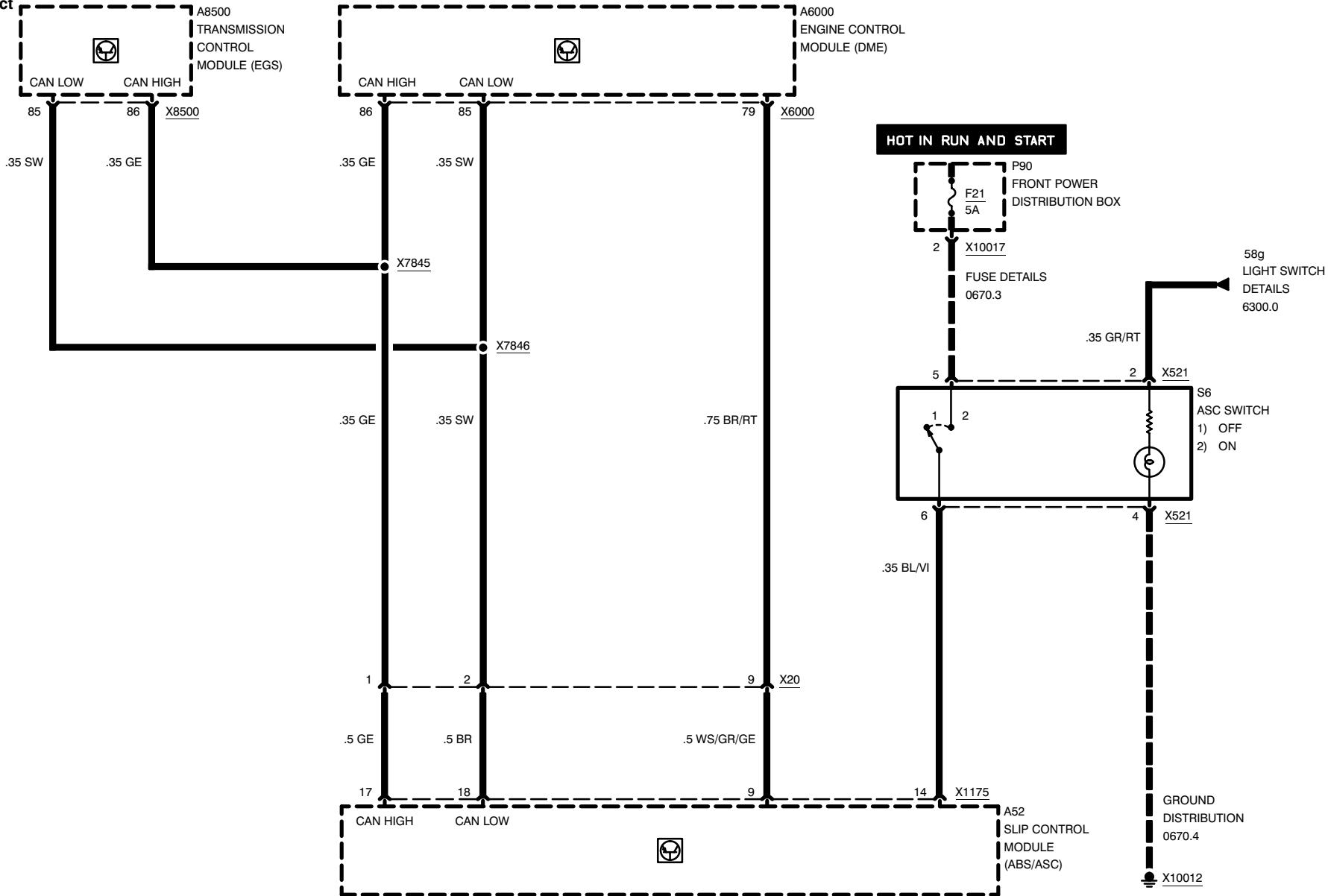
SLIP CONTROL (ABS/ASC)

EARLY PRODUCTION

03/98

3450.1-02

1997



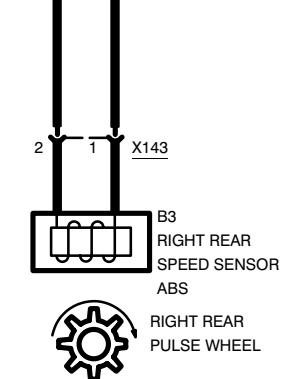
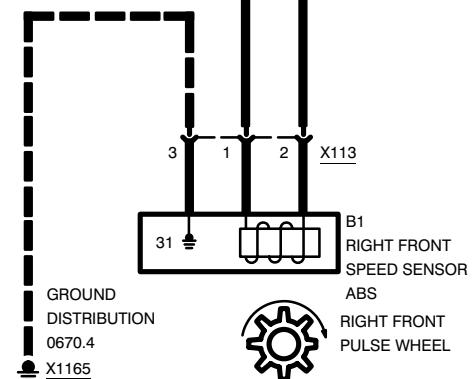
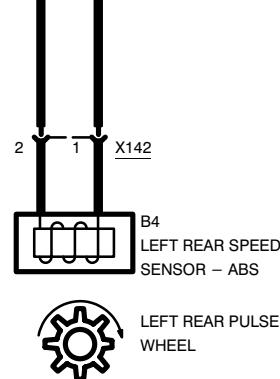
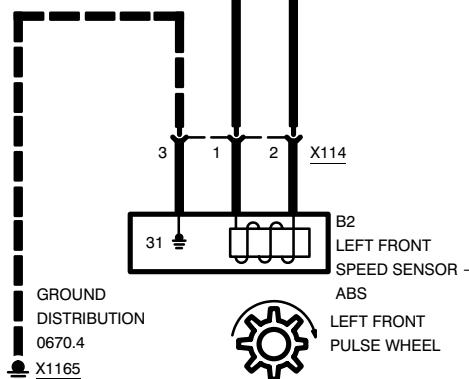
SLIP CONTROL (ABS/ASC)

EARLY PRODUCTION

03/98

3450.1 -03

1997



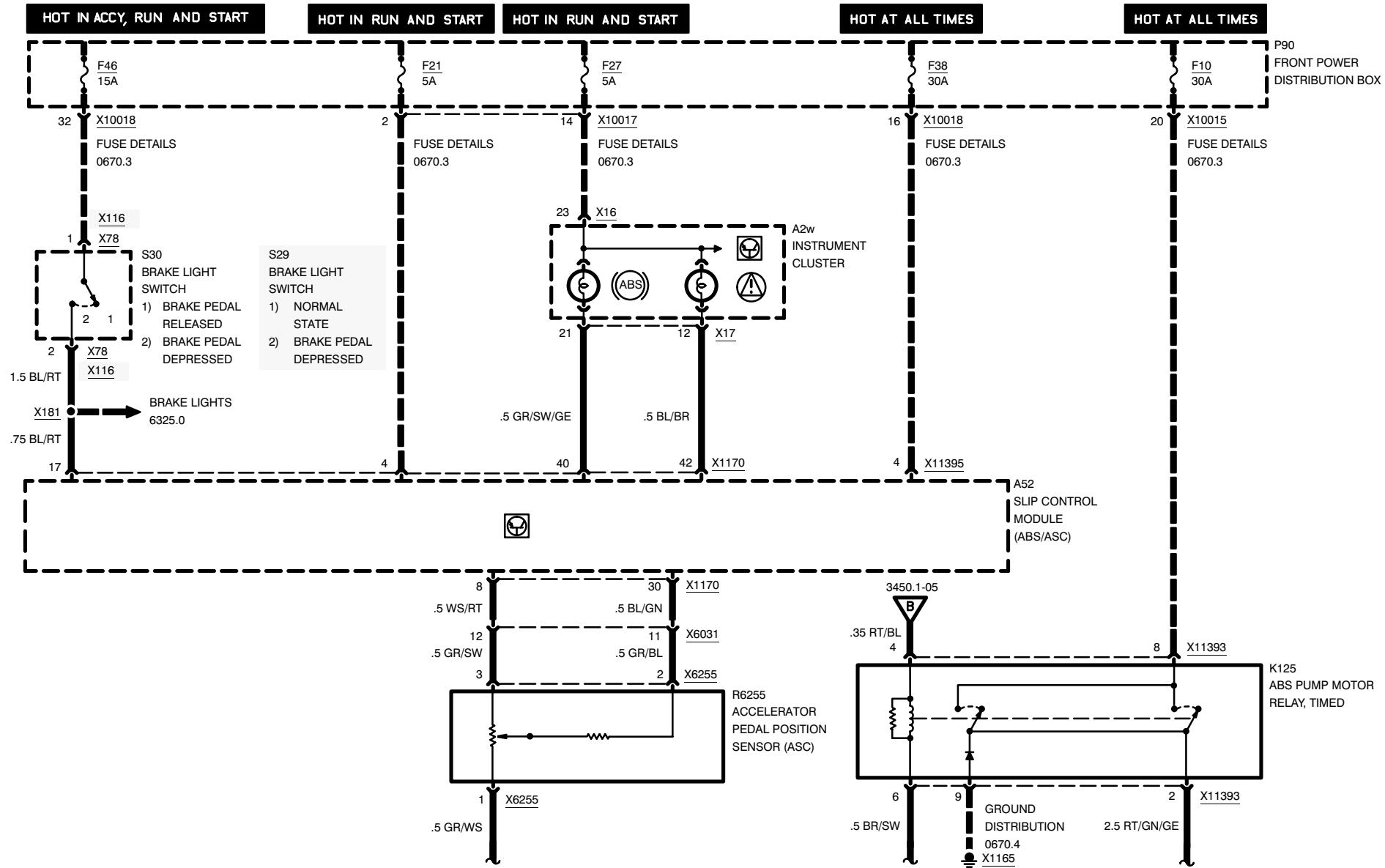
SLIP CONTROL (ABS/ASC)

LATE PRODUCTION

03/03

3450.1-04

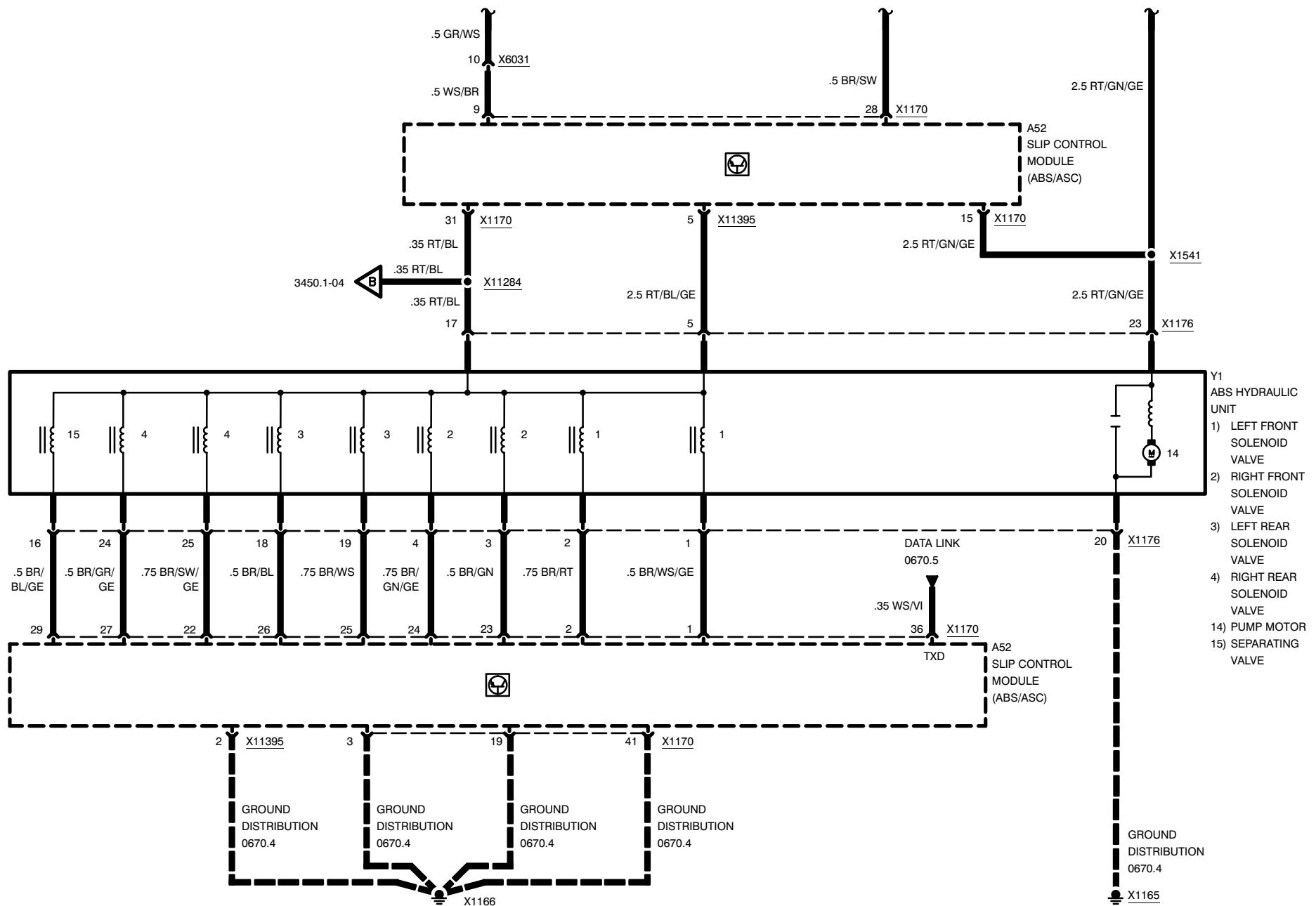
1997



03/98

3450.1 -05

1997



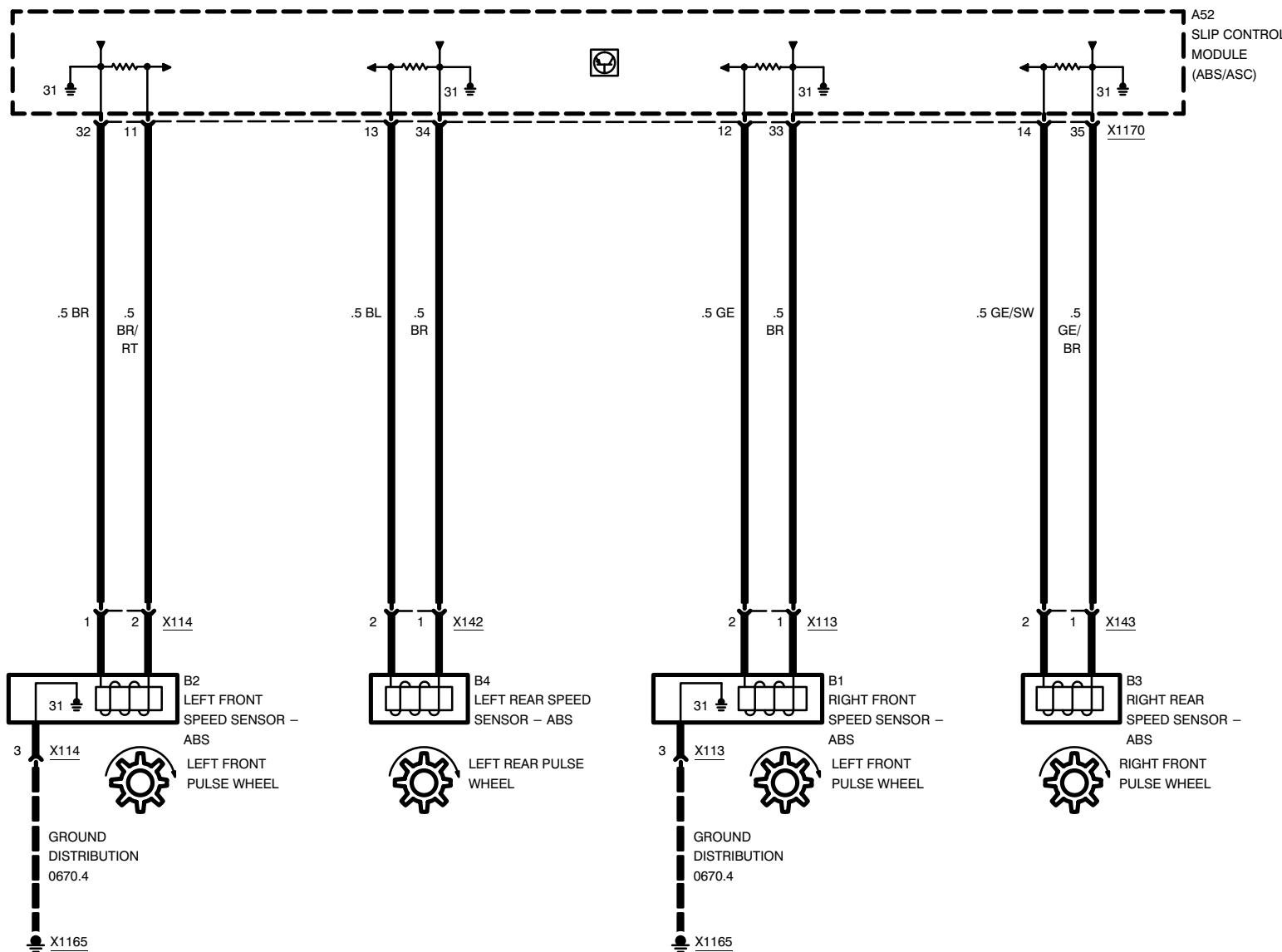
SLIP CONTROL (ABS/ASC)

LATE PRODUCTION

03/98

3450.1 - 06

1997





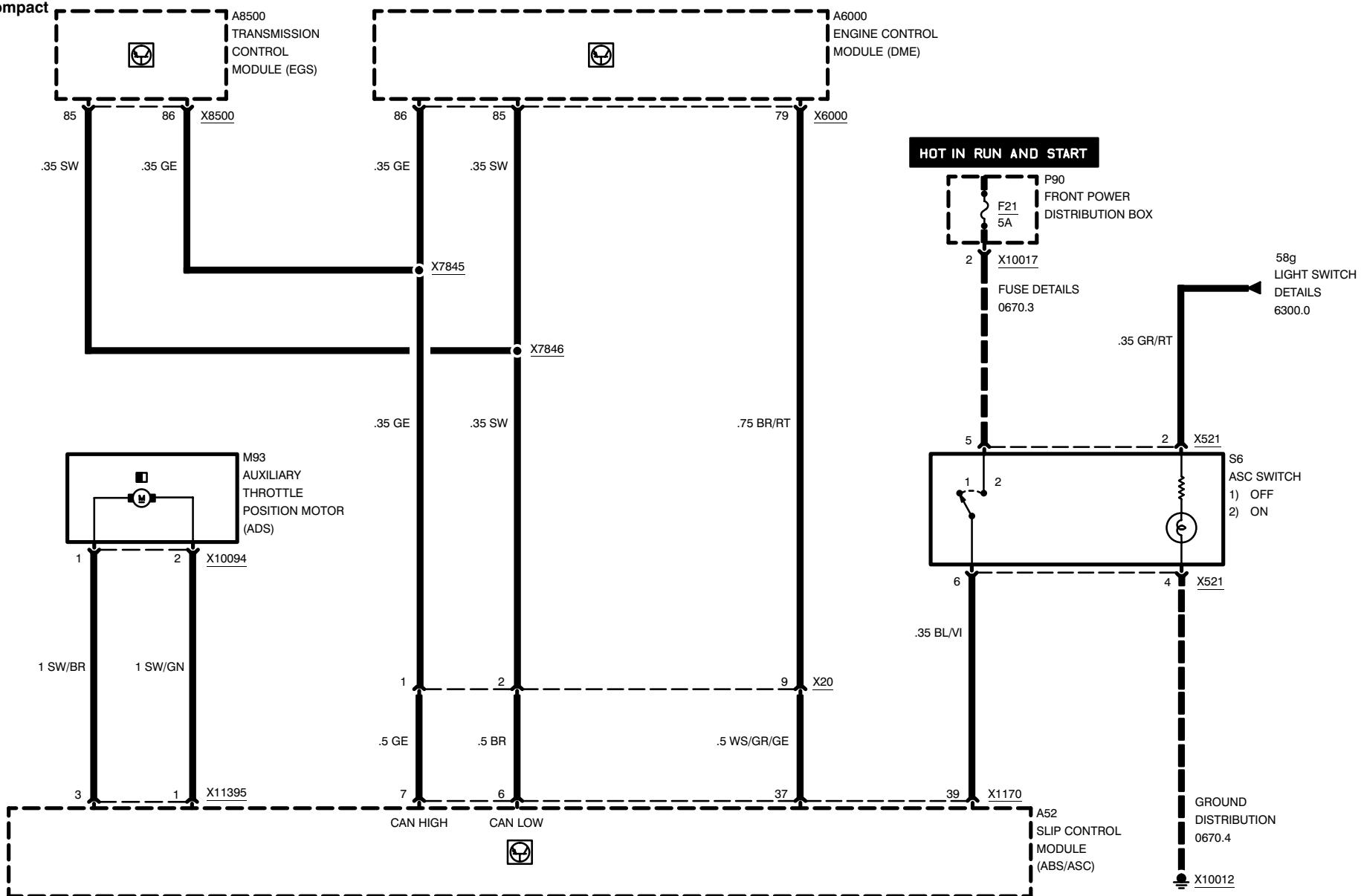
SLIP CONTROL (ABS/ASC)

LATE PRODUCTION

03/98

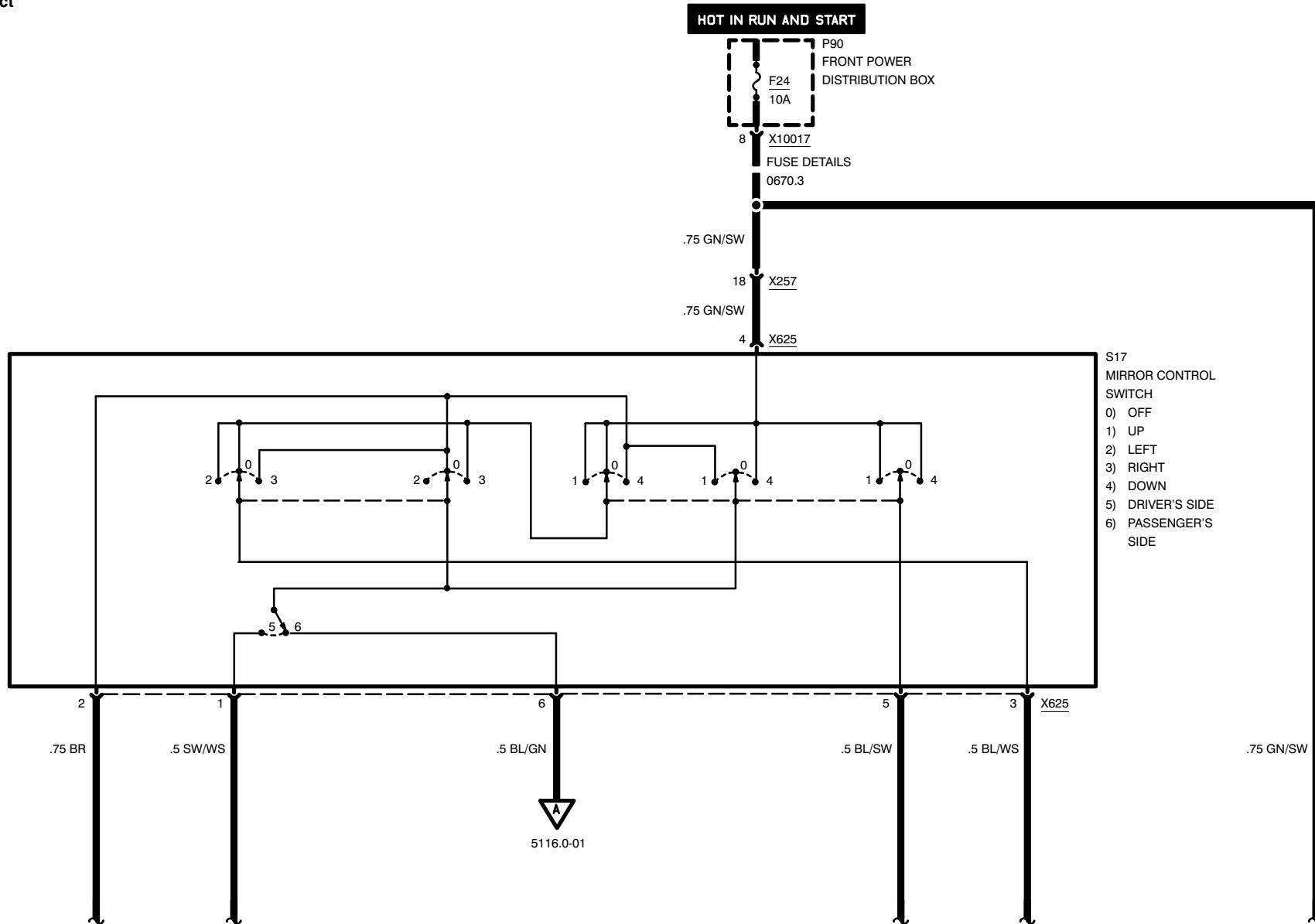
3450.1-07

1997



POWER MIRRORS

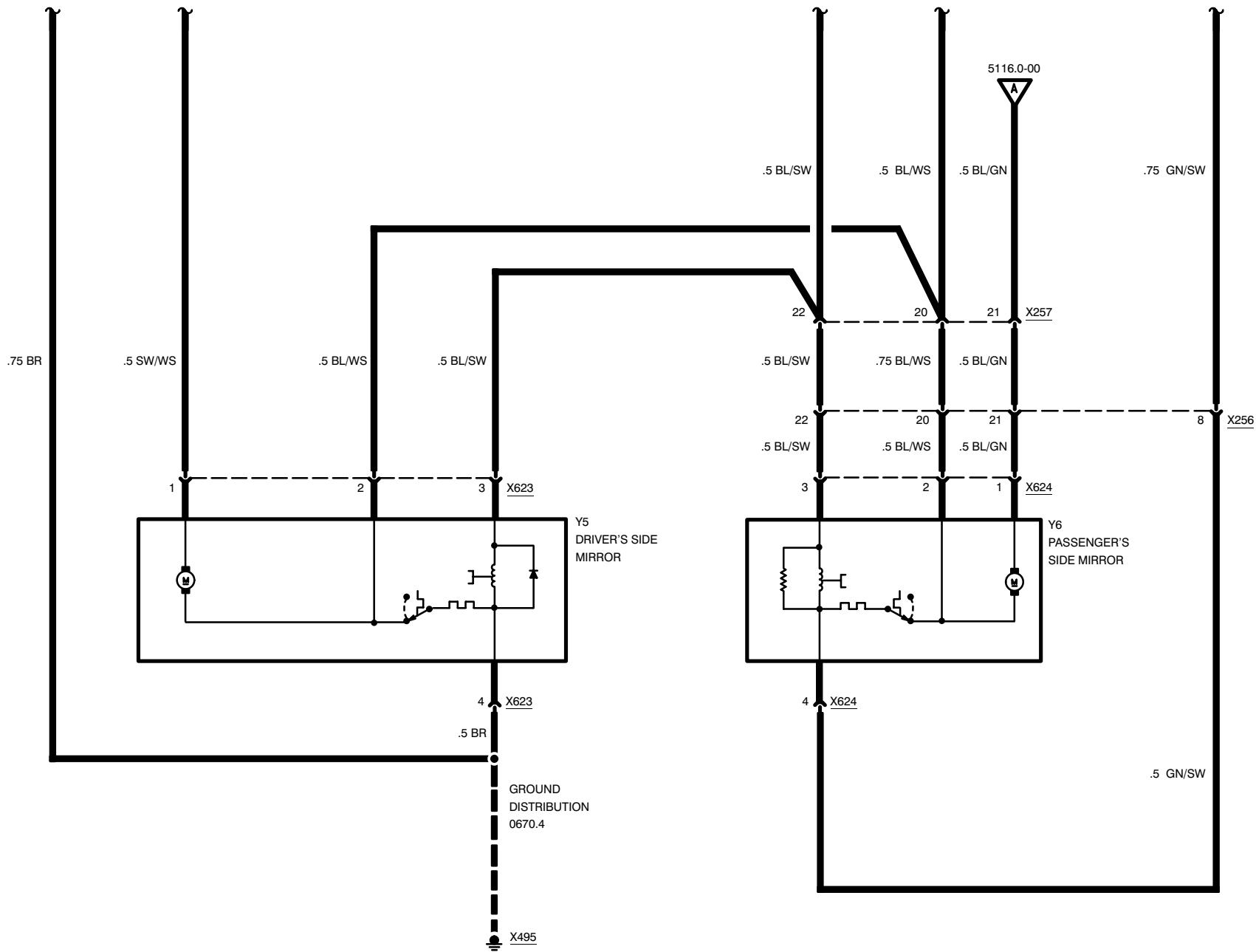
OUTSIDE MIRROR



03/98

— 5116.0-01 —

1997



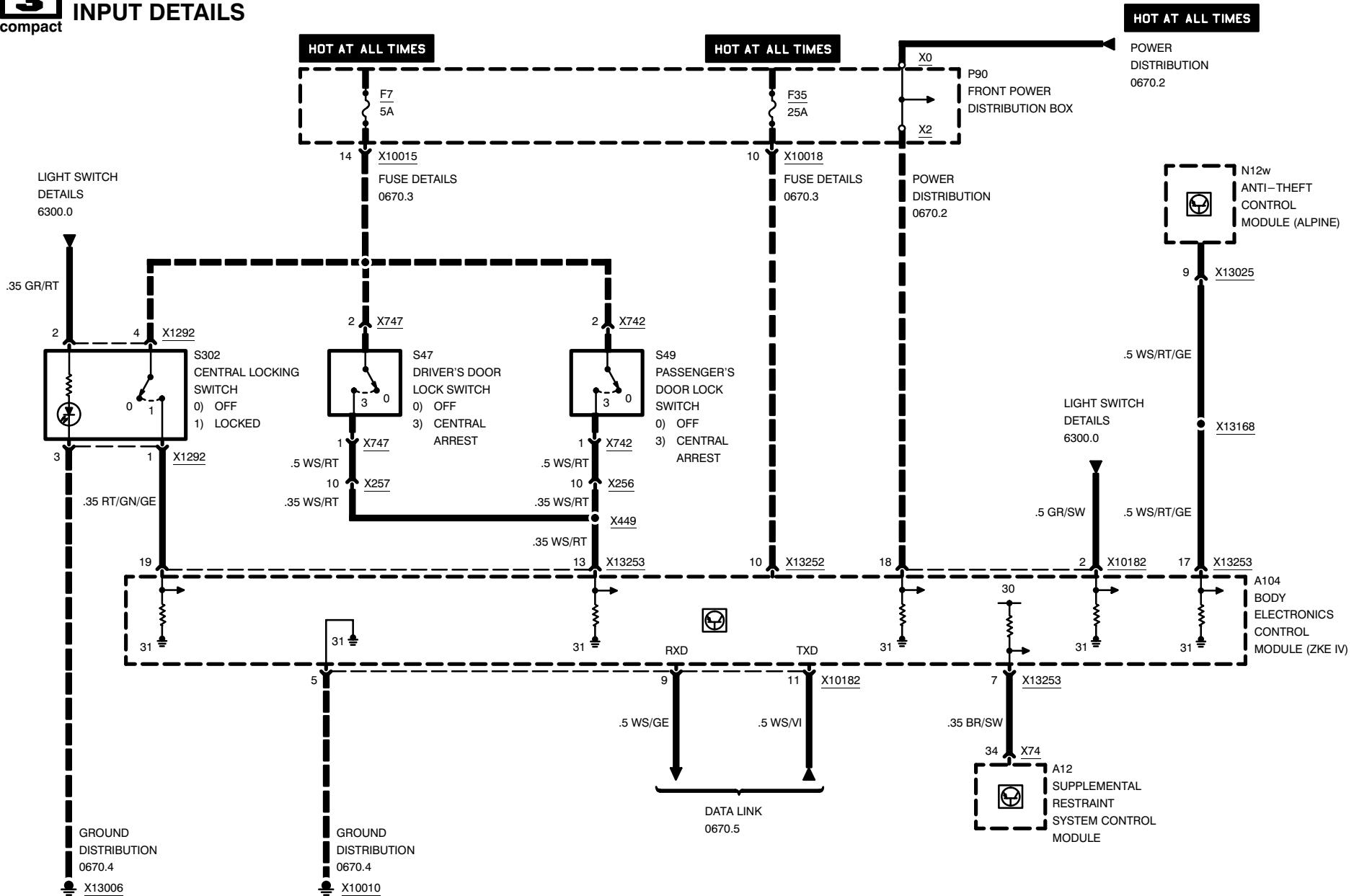
ZKE CENTRAL LOCKING (ZV)

INPUT DETAILS

03/98

5126.0-00

1997



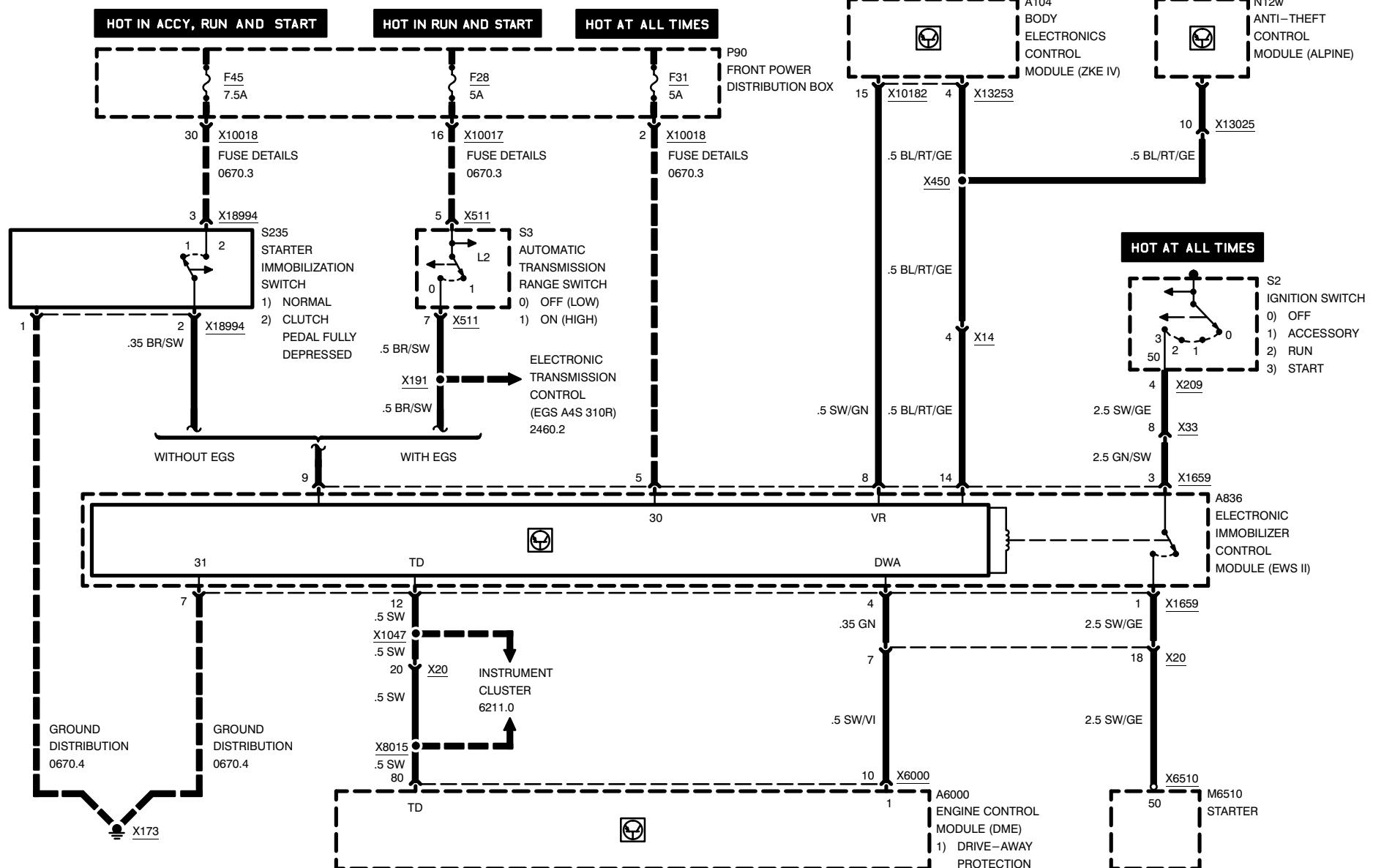
ZKE CENTRAL LOCKING (ZV)

DRIVE-AWAY PROTECTION

03/98

5126.0-01

1997



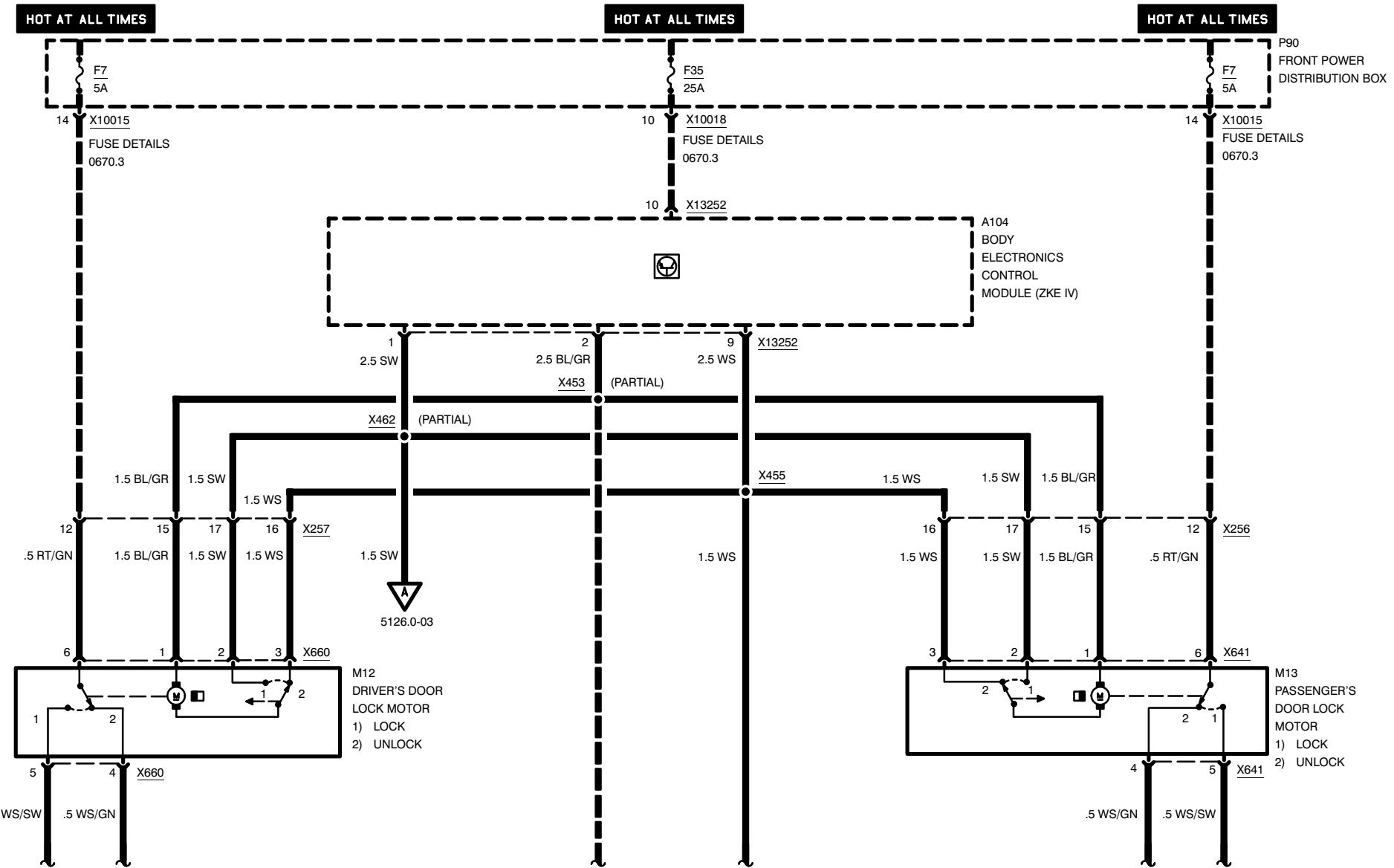
ZKE CENTRAL LOCKING (ZV)

OUTPUT DETAILS

03/98

5126.0-02

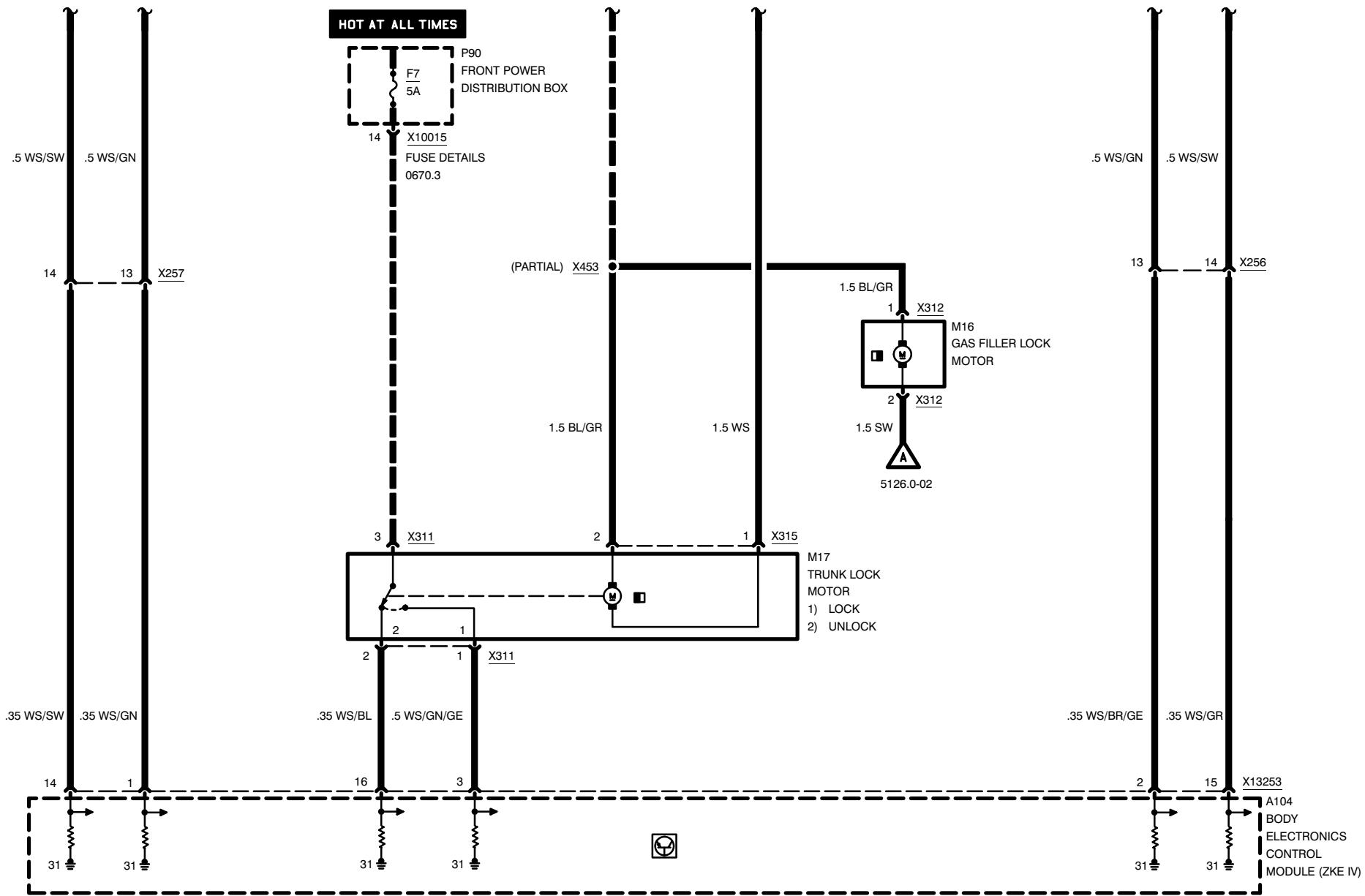
1997



03/98

— 5126.0-03 —

1997



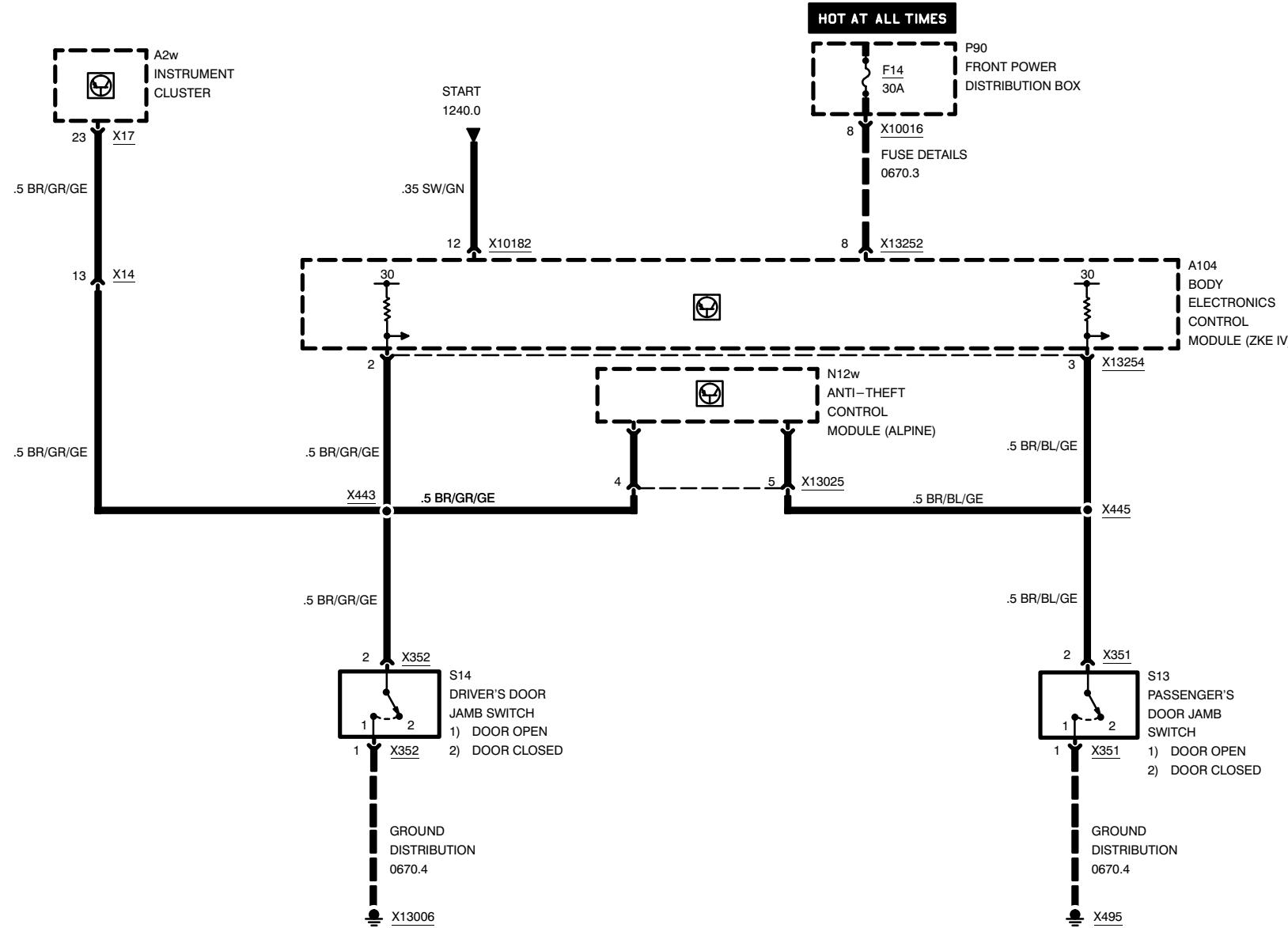
POWER WINDOWS (FH)

INPUT DETAILS

03/98

5133.0-00

1997



POWER WINDOWS (FH)

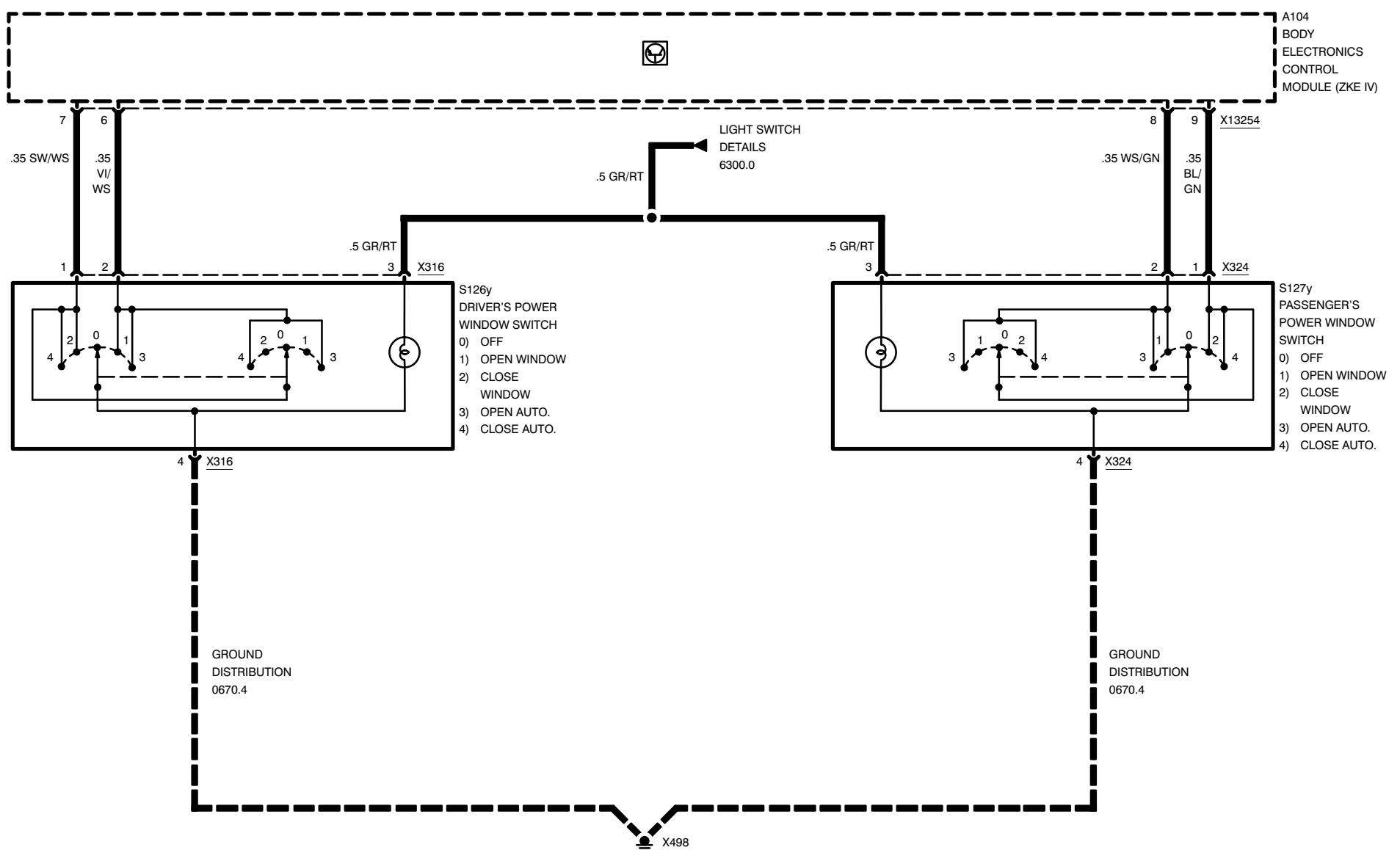
INPUT DETAILS

03/98

5133-0-01

1997

A104
BODY
ELECTRONICS
CONTROL
MODULE (ZKE IV)

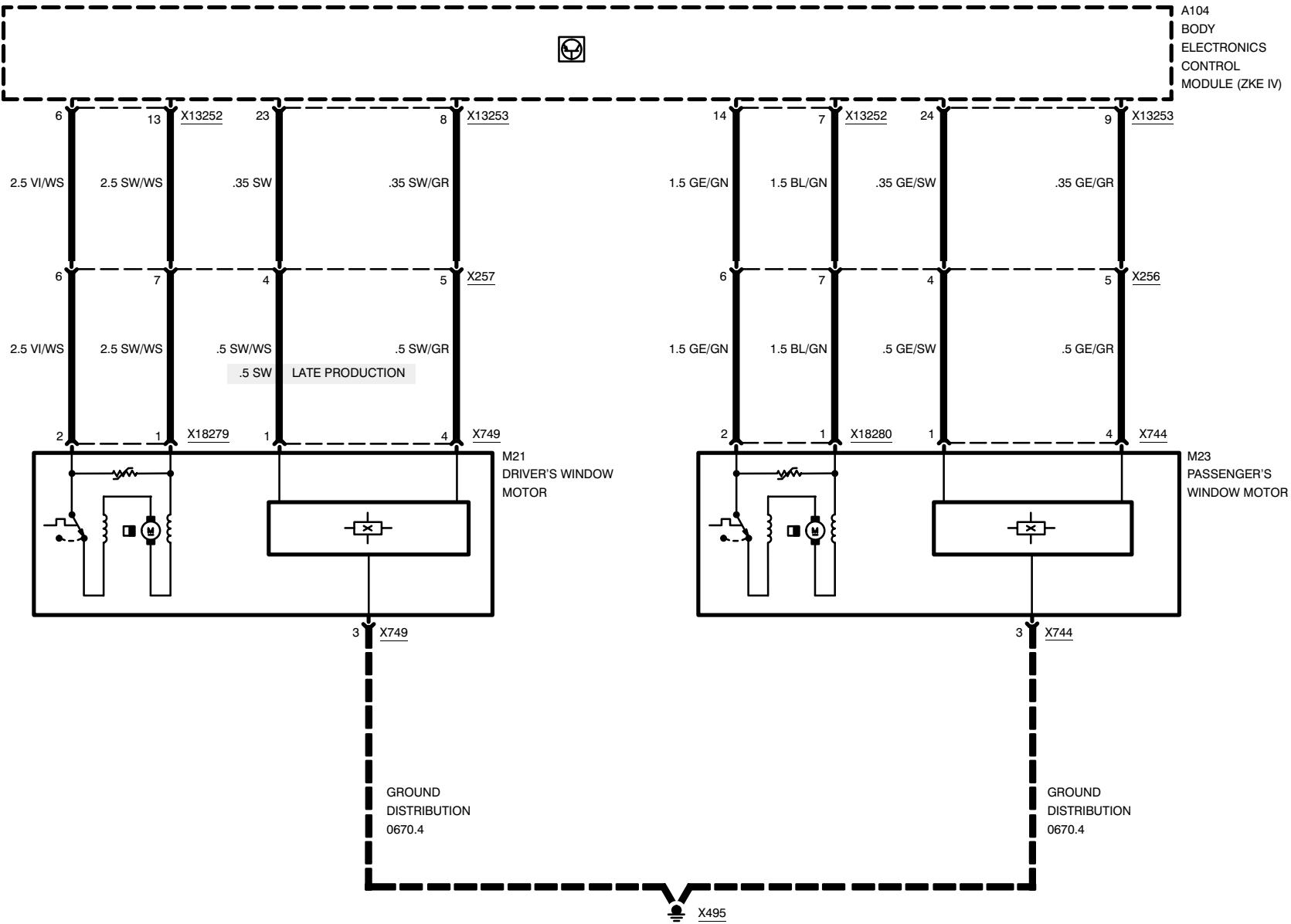


POWER WINDOWS (FH)

OUTPUT DETAILS

03/98

5133.0-02 — 1997

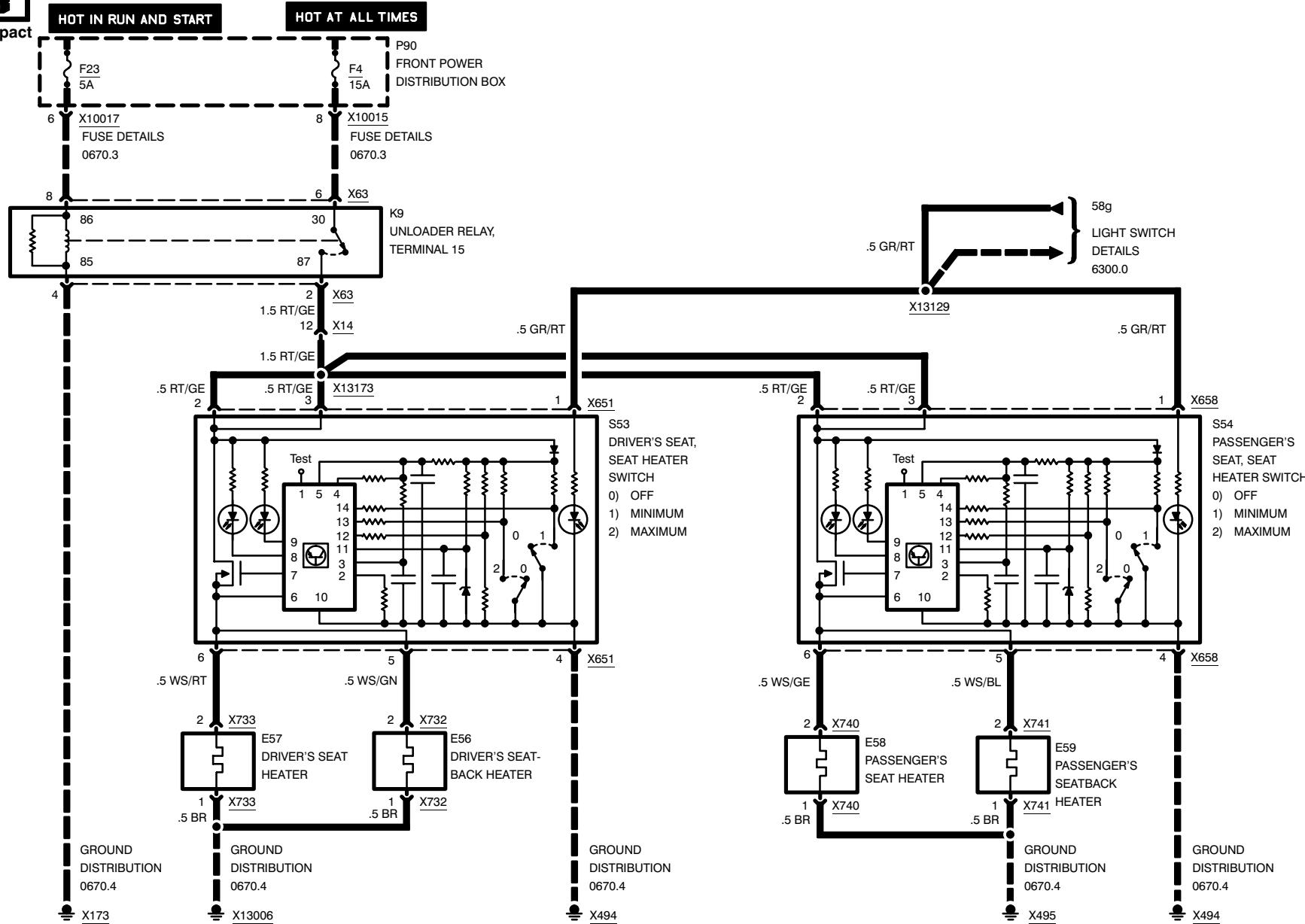


HEATED SEATS

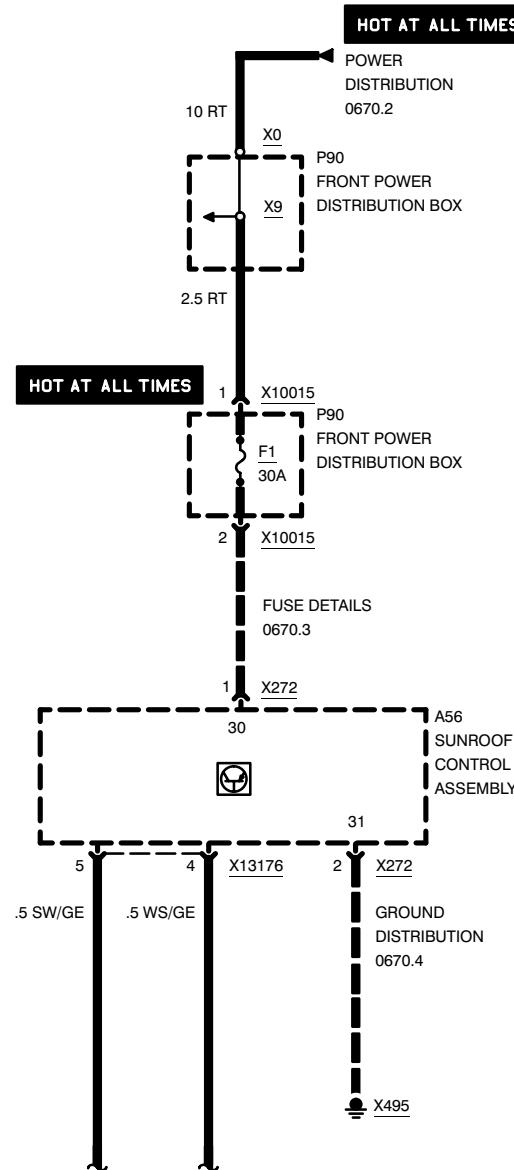
03/98

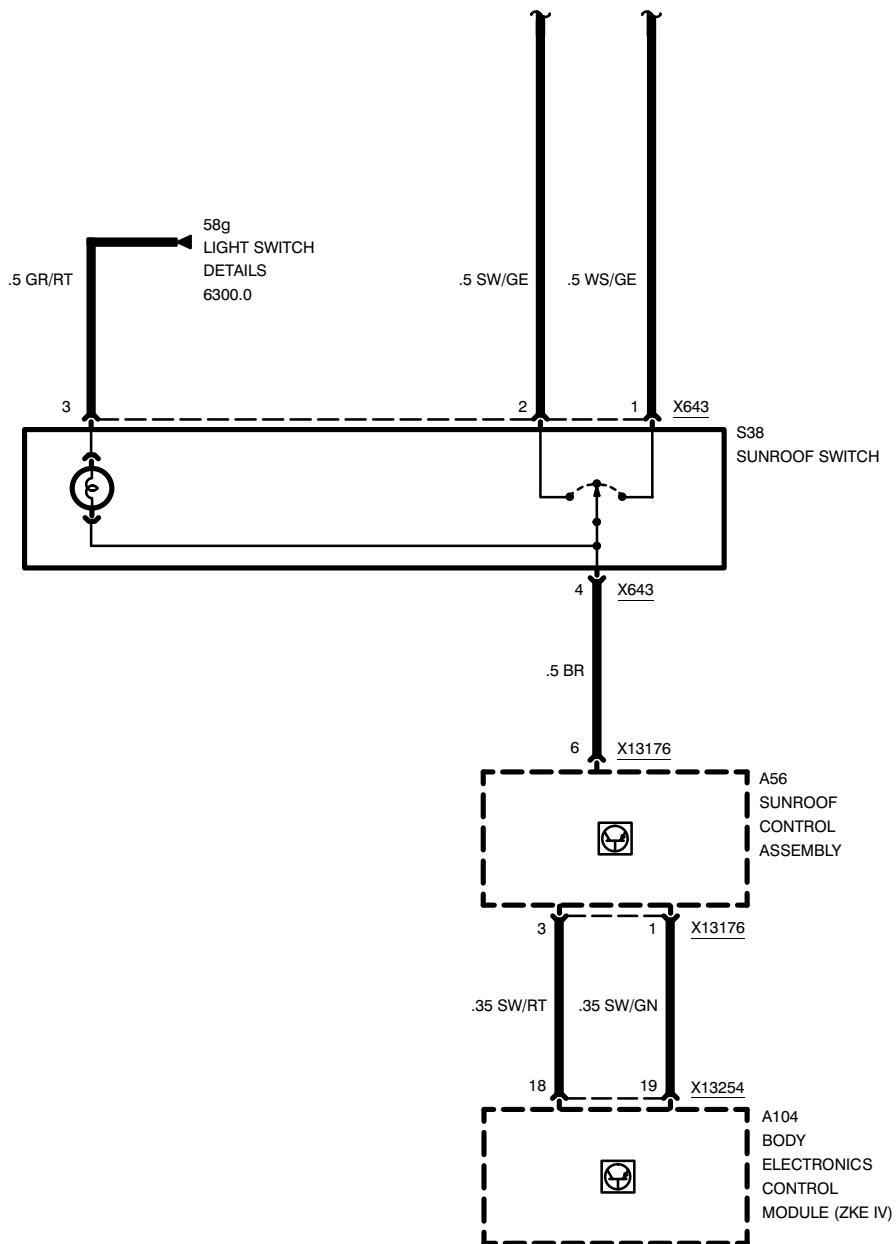
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1997

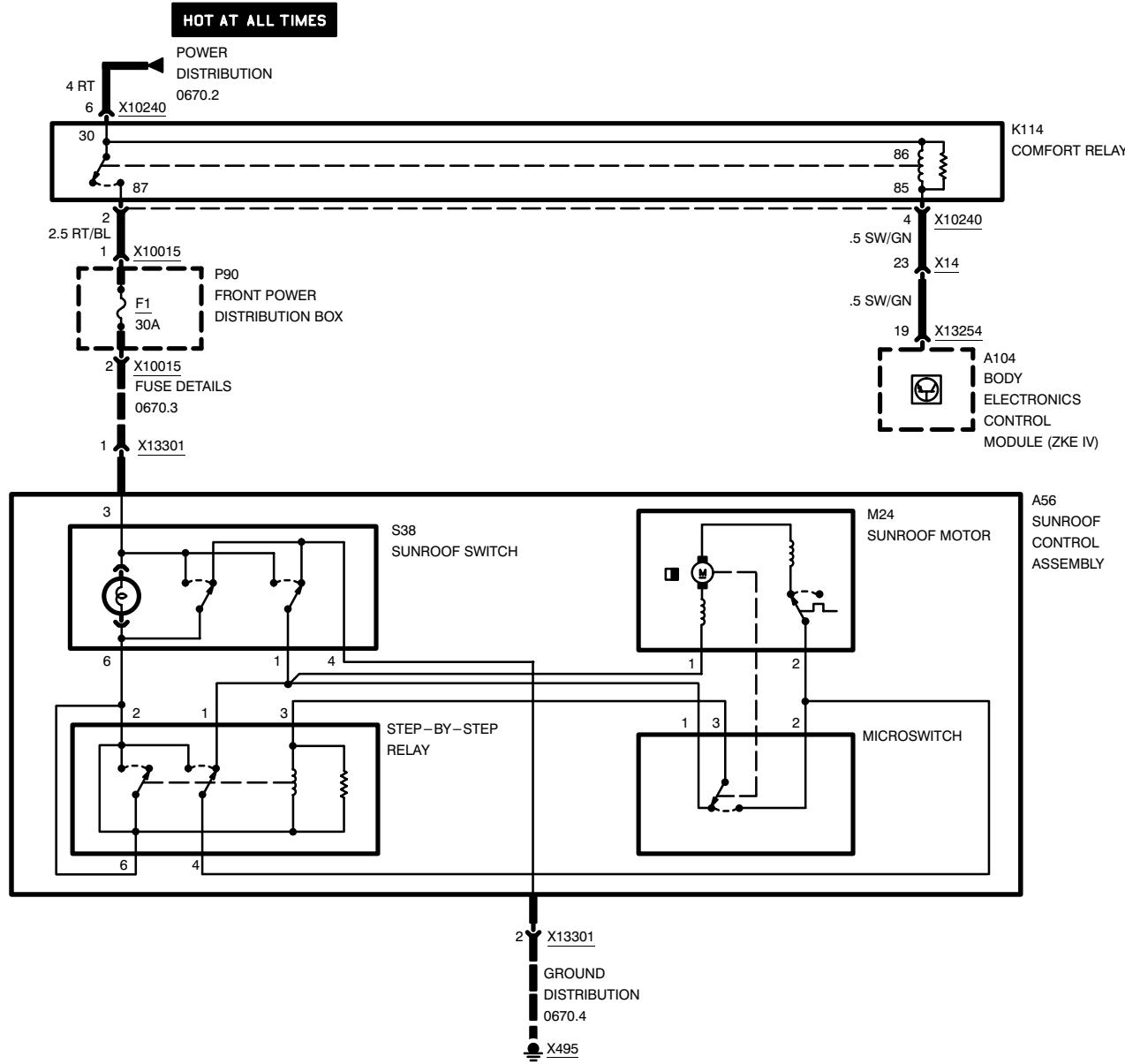


POWER SUNROOF (SHD)





ELECTRIC FOLDING SUNROOF



03/98

— 6100.0

— 1997

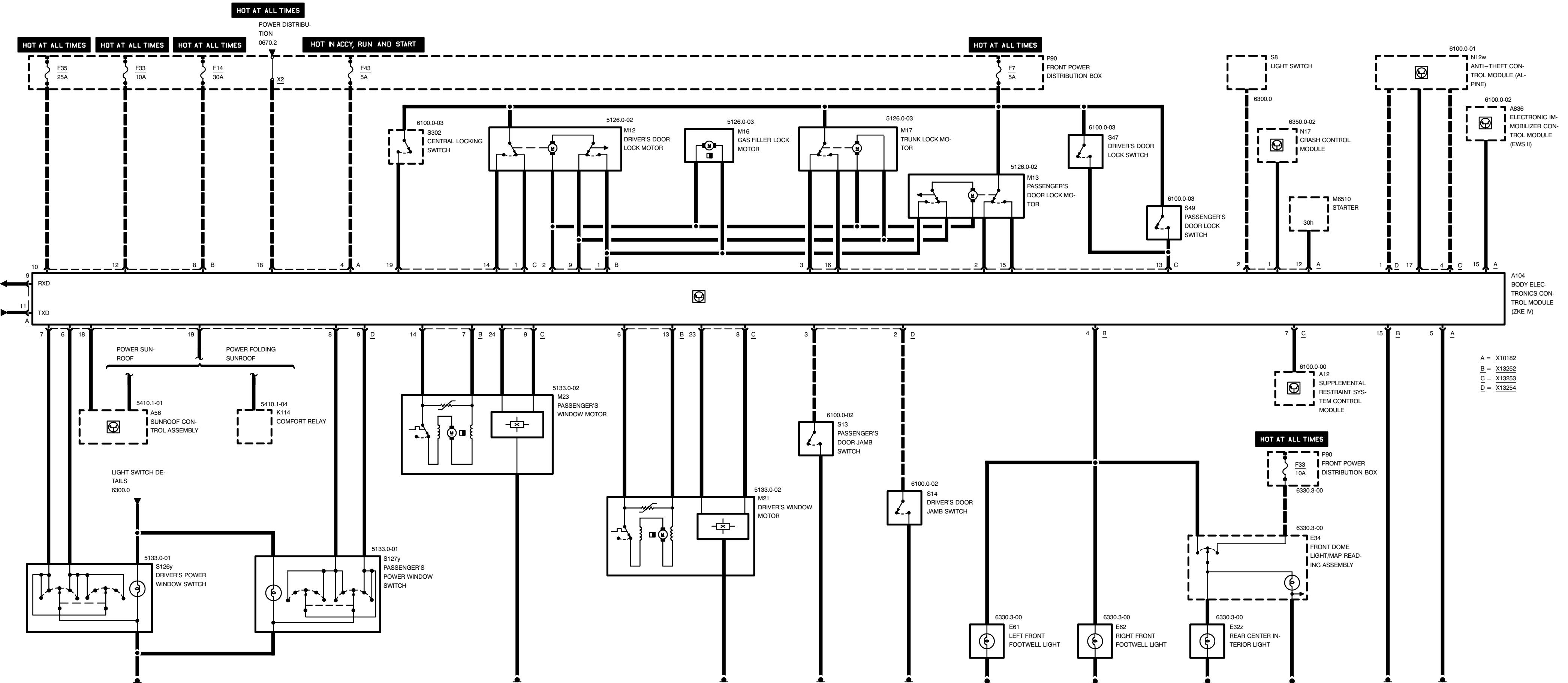
03/98

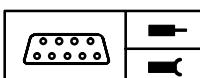
- 6100.0

— 199

6100.0 -

997



**Pin Assignments**

A = X10182 18-Pins, black

B = X13252 15-Pins, black

C = X13253 26-Pins, yellow

D = X13254 26-Pins, green

X10182

Pin	Type	Description/Function	Connection
1	E	Crash signal	Crash control unit
2	E	Light signal	Light switch
3		Not used	
4	E	Power supply	Front power distribution box, fuse 43
5	M	Ground	Ground point
6		Not used	
7		Not used	
8		Not used	
9	A	Diagnosis RxD-signal	Data link connector
10		Not used	
11	E/A	Diagnosis TxD-signal	Data link connector
12	E	Start signal	Starter
13		Not used	
14		Not used	
15	A	Drive away protection	Starter immobilization relay
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	A	Central arrest signal	Lock motors
2	A	Unlock signal	Lock motors
3		Not used	
4	E	Automatic interior light signal	Interior lights
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	A	Lock signal	Lock motors
10	E	Power supply	Front power distribution box, fuse 35
11		Not used	
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 point

X13253

Pin	Type	Description/Function	Connection
1	E	Unlock signal	Door lock motor, driver's door
2	E	Unlock signal	Door lock motor, passenger's door
3	E	Unlock signal	Trunk lock motor
4	E	Data signal	Anti-theft system control module (Alpine)
5		Not used	
6		Not used	
7	E	Crash signal	Supplemental restraint system control module
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



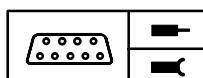
Pin Assignments

Pin	Type	Description/Function	Connection
11		Not used	
12		Not used	
13	E	Central arrest signal	Door lock switches
14	E	Lock signal	Door lock motor, driver's door
15	E	Lock signal	Door lock motor, passenger's door
16	E	Lock signal	Trunk lock motor
17	E	Data signal	Anti-theft system control module (Alpine)
18		Not used	
19	E	Lock signal	Central locking switch
20		Not used	
21		Not used	
22		Not used	
23	A	Voltage supply (revolution)	Driver's window motor
24	A	Voltage supply (revolution)	Passenger's window motor
25		Not used	
26		Not used	

X13254

Pin	Type	Description/Function	Connection
1	E	Door handle signal	Not used
2	E	Door signal	Door jamb switch, driver's door
3	E	Door signal	Door jamb switch, passenger's door
4		Not used	
5		Not used	
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		Not used	
11		Not used	
12		Not used	

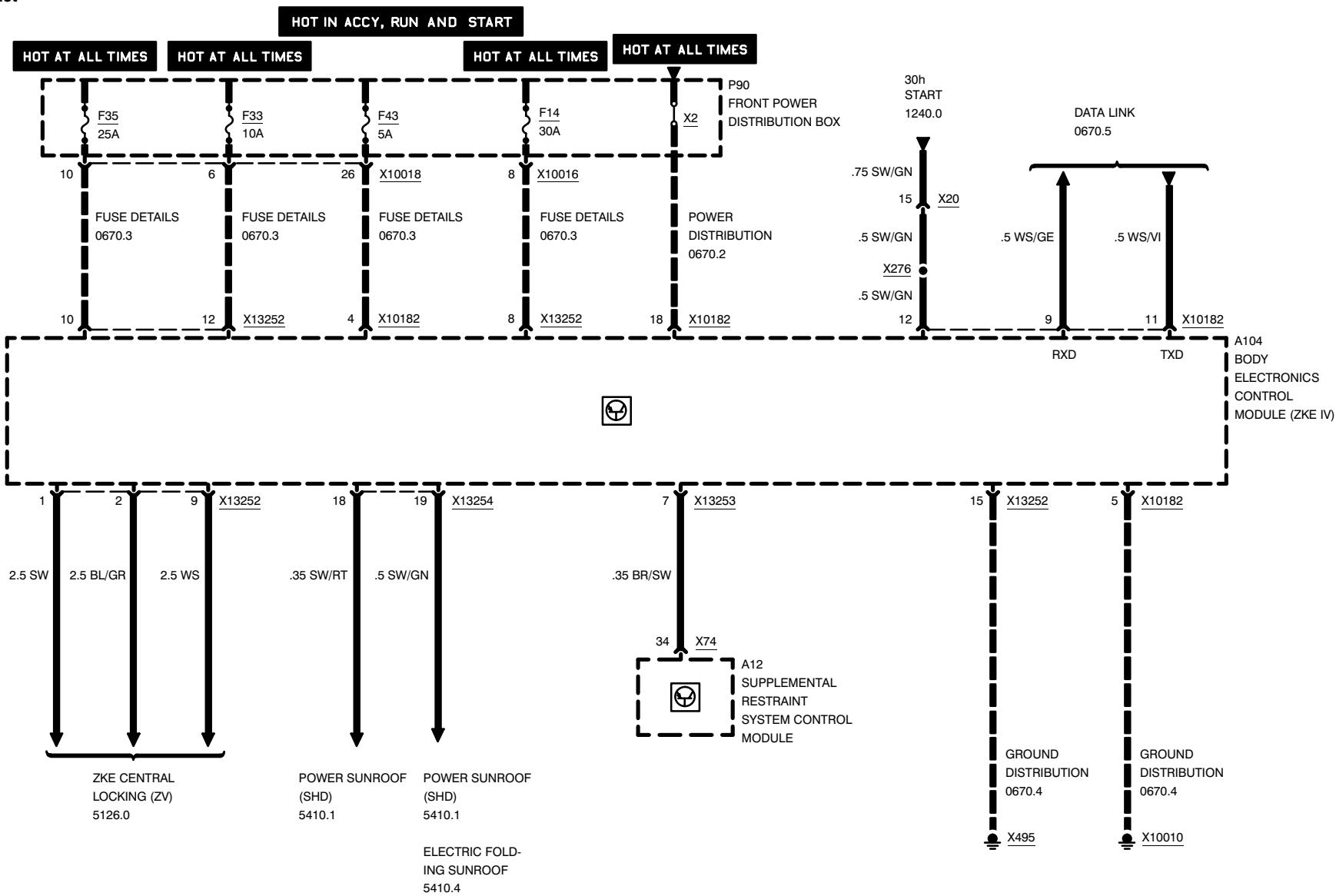
E = Input, A = Output, M = Ground

**Pin Assignments**

Pin	Type	Description/Function	Connection
13		Not used	
14		Not used	
15		Not used	
16		Not used	
17		Not used	
18	A	Comfortable closing	Sunroof control assembly
19	A	Sunroof release	Sunroof control assembly (power sunroof)
19	A	Ground	Comfort relay (power folding sunroof)
20		Not used	
21		Not used	
22		Not used	
23		Not used	
24		Not used	
25		Not used	
26		Not used	

E = Input, A = Output, M = Ground

CENTRAL BODY ELECTRONICS (ZKE IV)

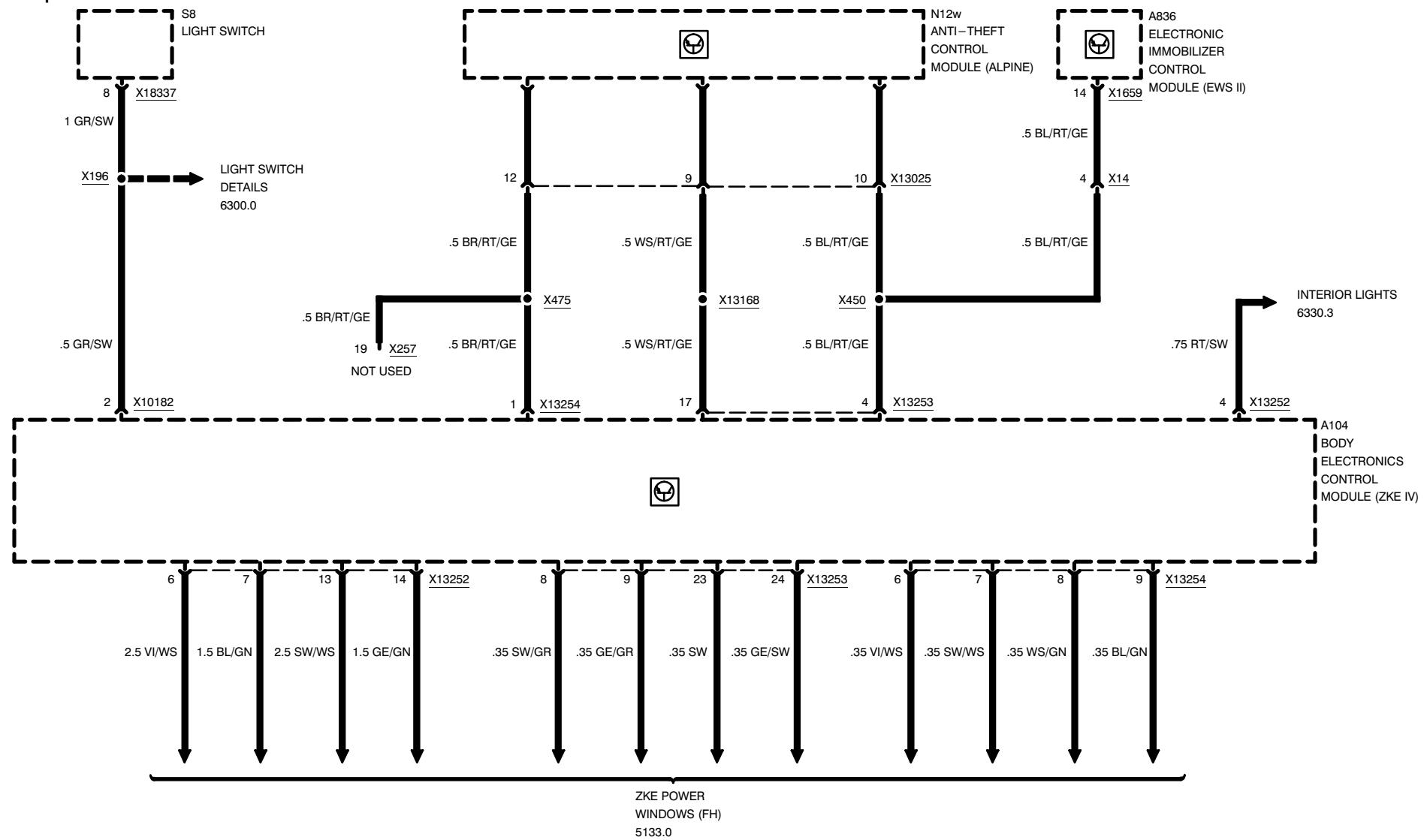




CENTRAL BODY ELECTRONICS (ZKE IV)

03/98

6100.0-01



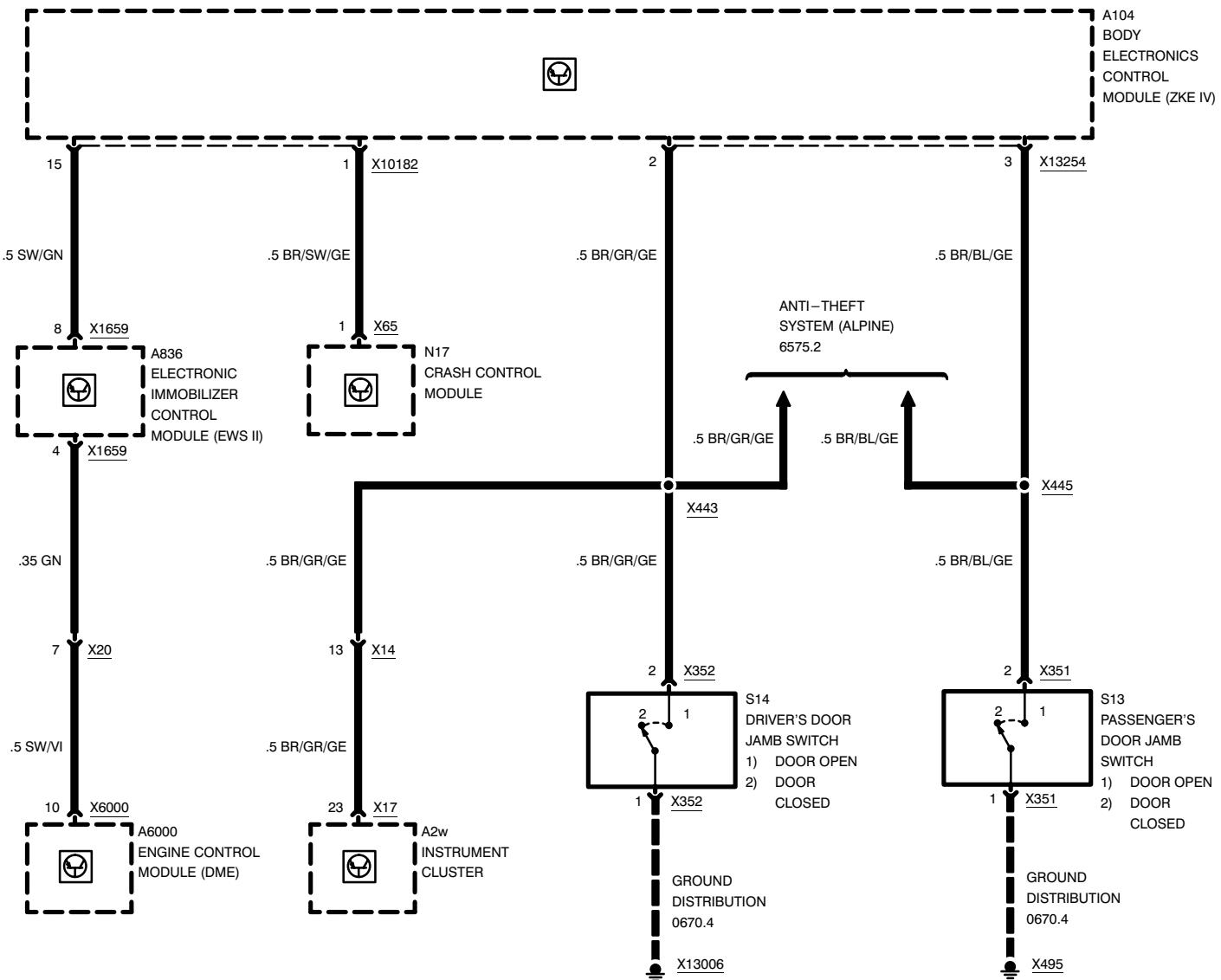
1997

CENTRAL BODY ELECTRONICS (ZKE IV)

03/98

6100.0-02

1997



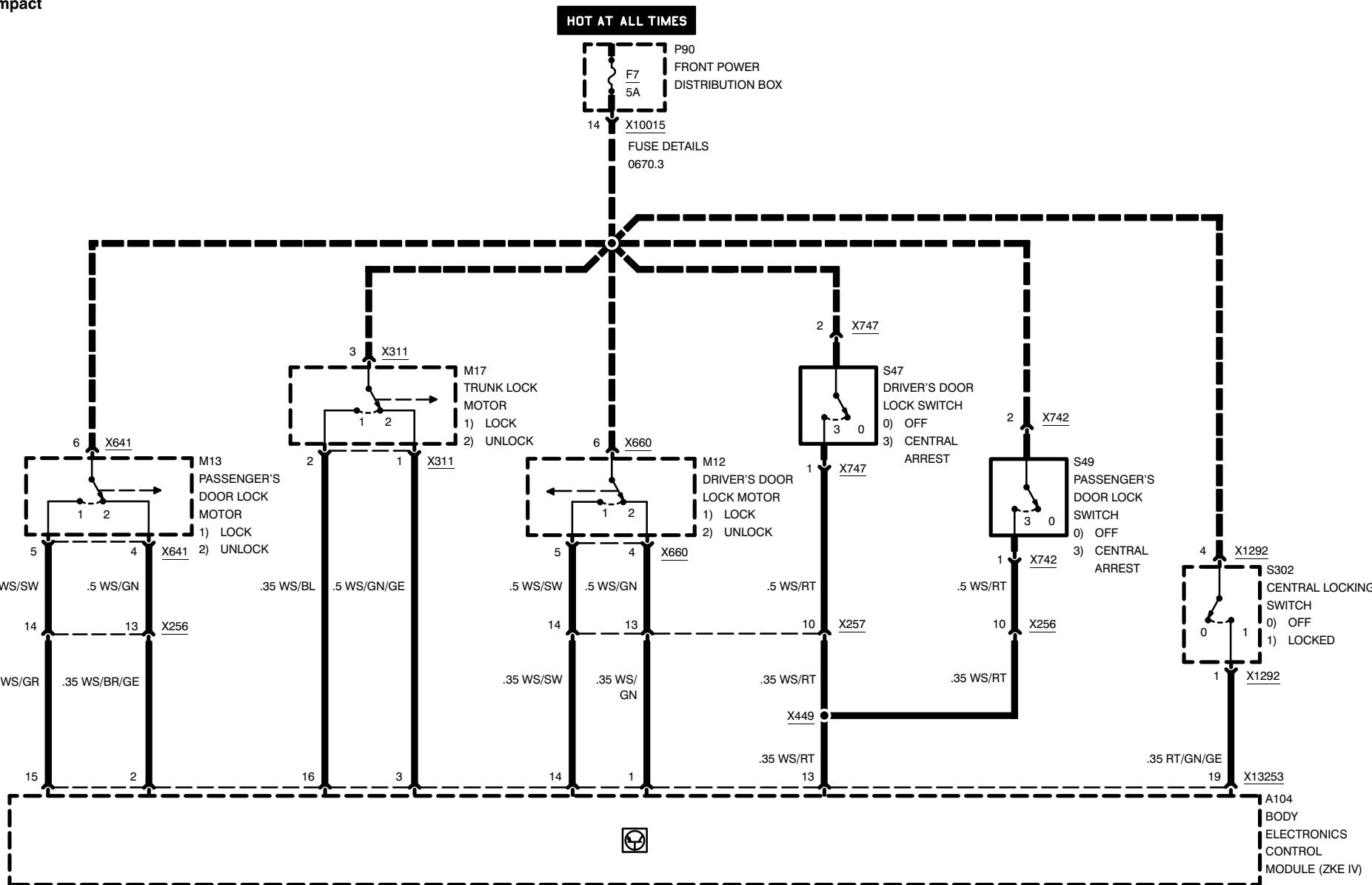
CENTRAL BODY ELECTRONICS (ZKE IV)

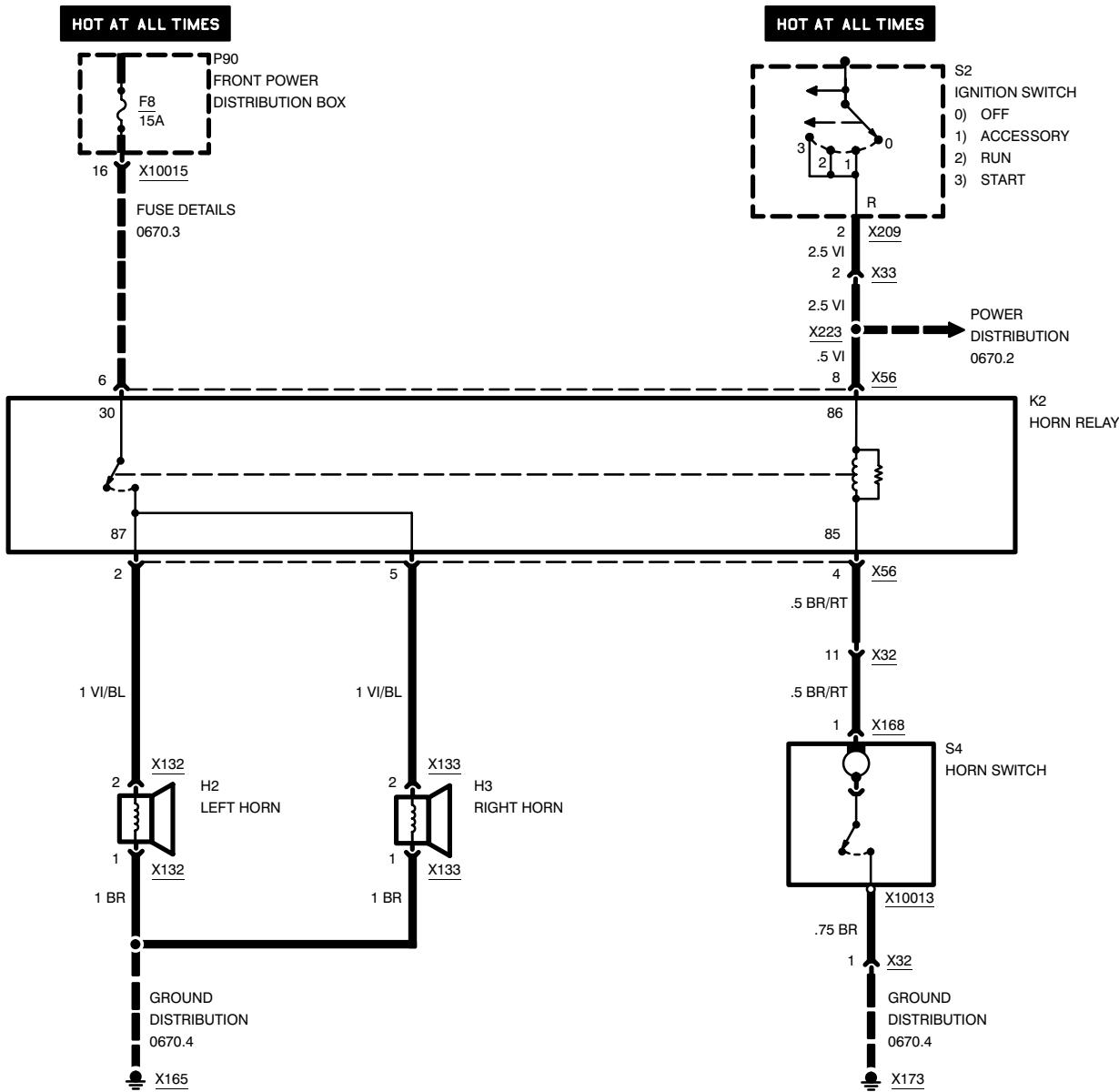
TRUNK LID, DRIVER'S AND PASSENGER'S DOOR INPUT SIGNALS

03/98

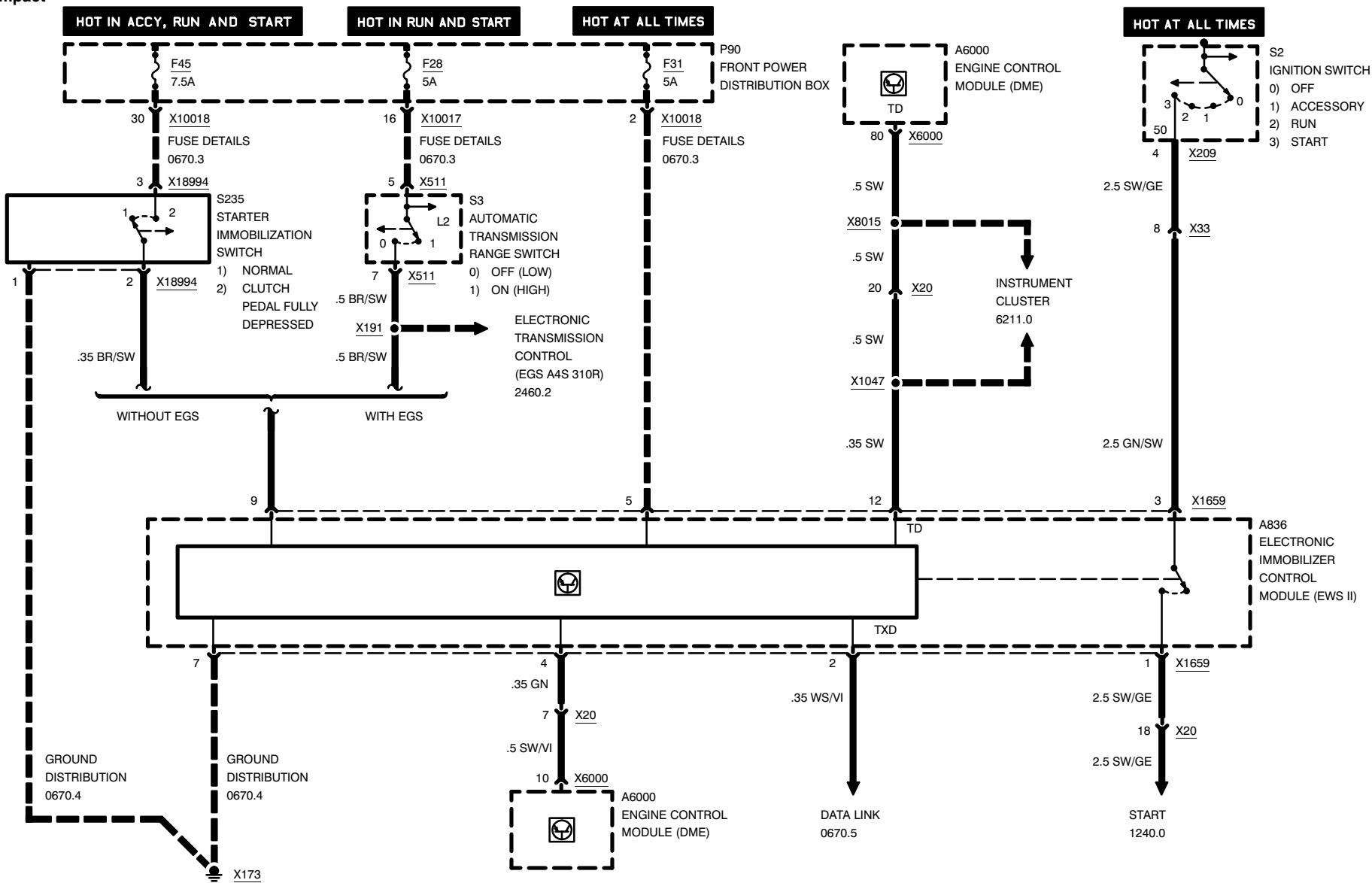
6100.0-03

1997





DRIVE-AWAY PROTECTION (EWS II)

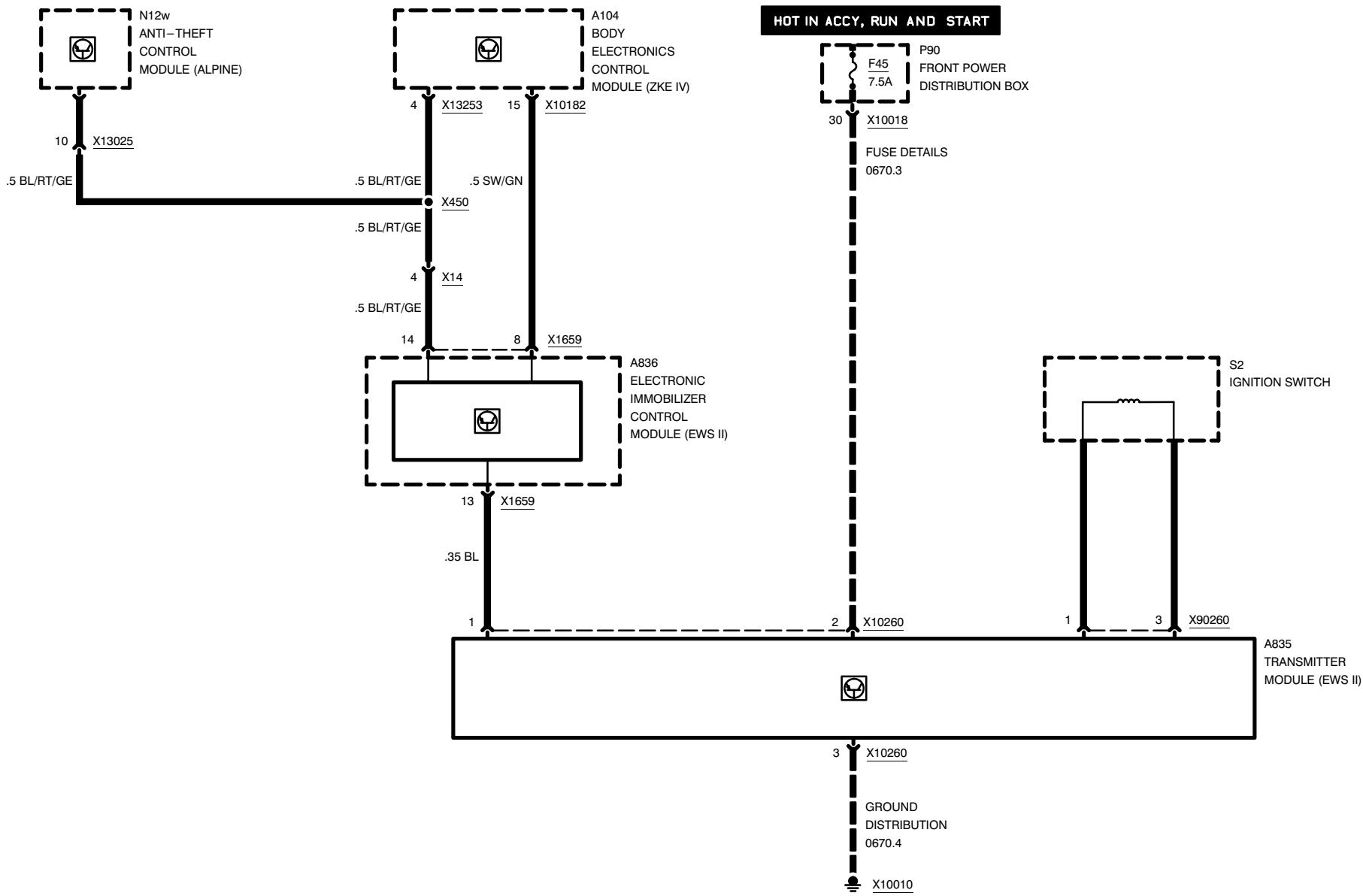


DRIVE-AWAY PROTECTION (EWS II)

03/98

6135.0-01

1997

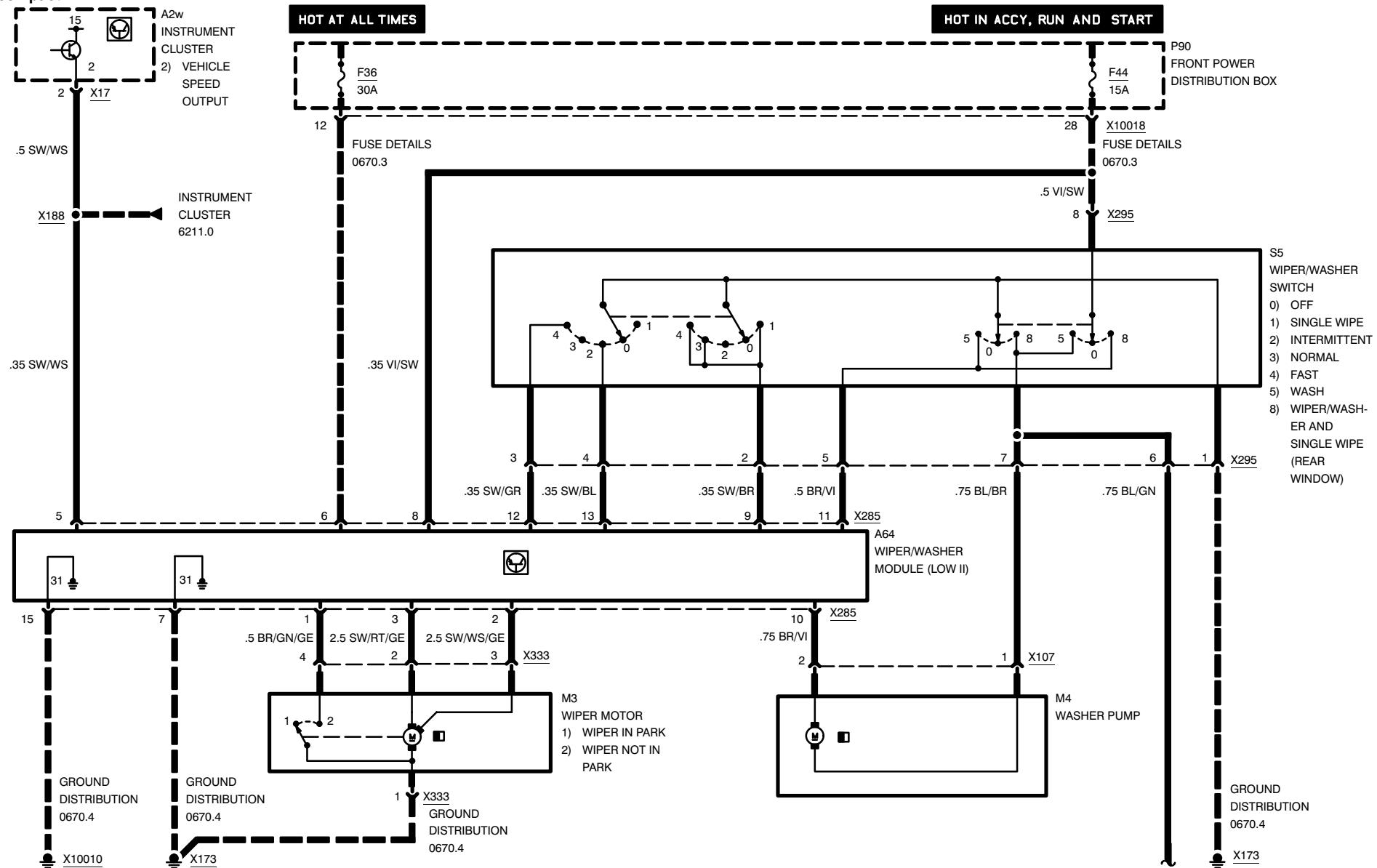




WIPER/WASHER MODULE (WWM)

WIPER/WASHER (LOW)

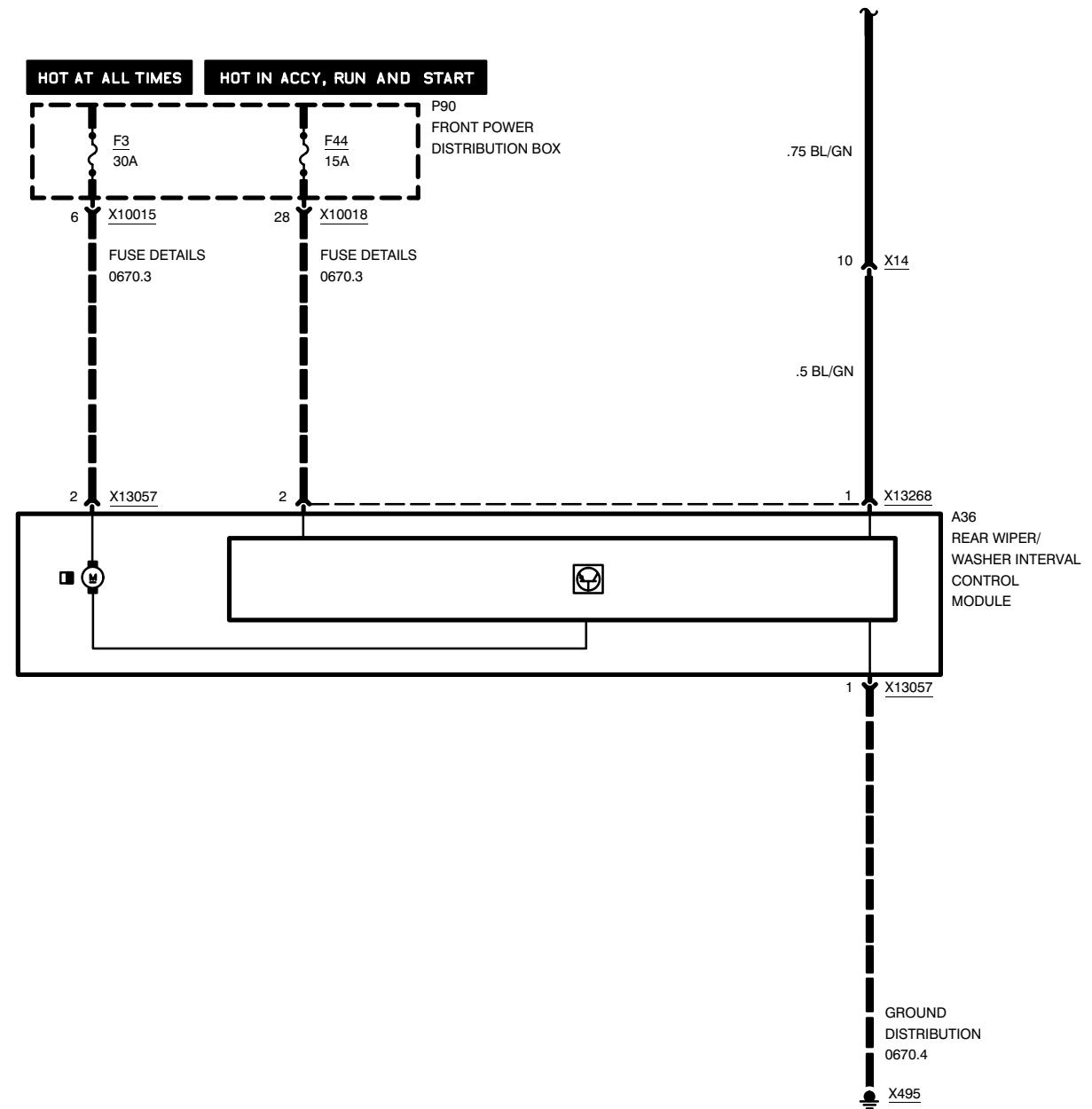
compact



03/98

6160.1-01

1997



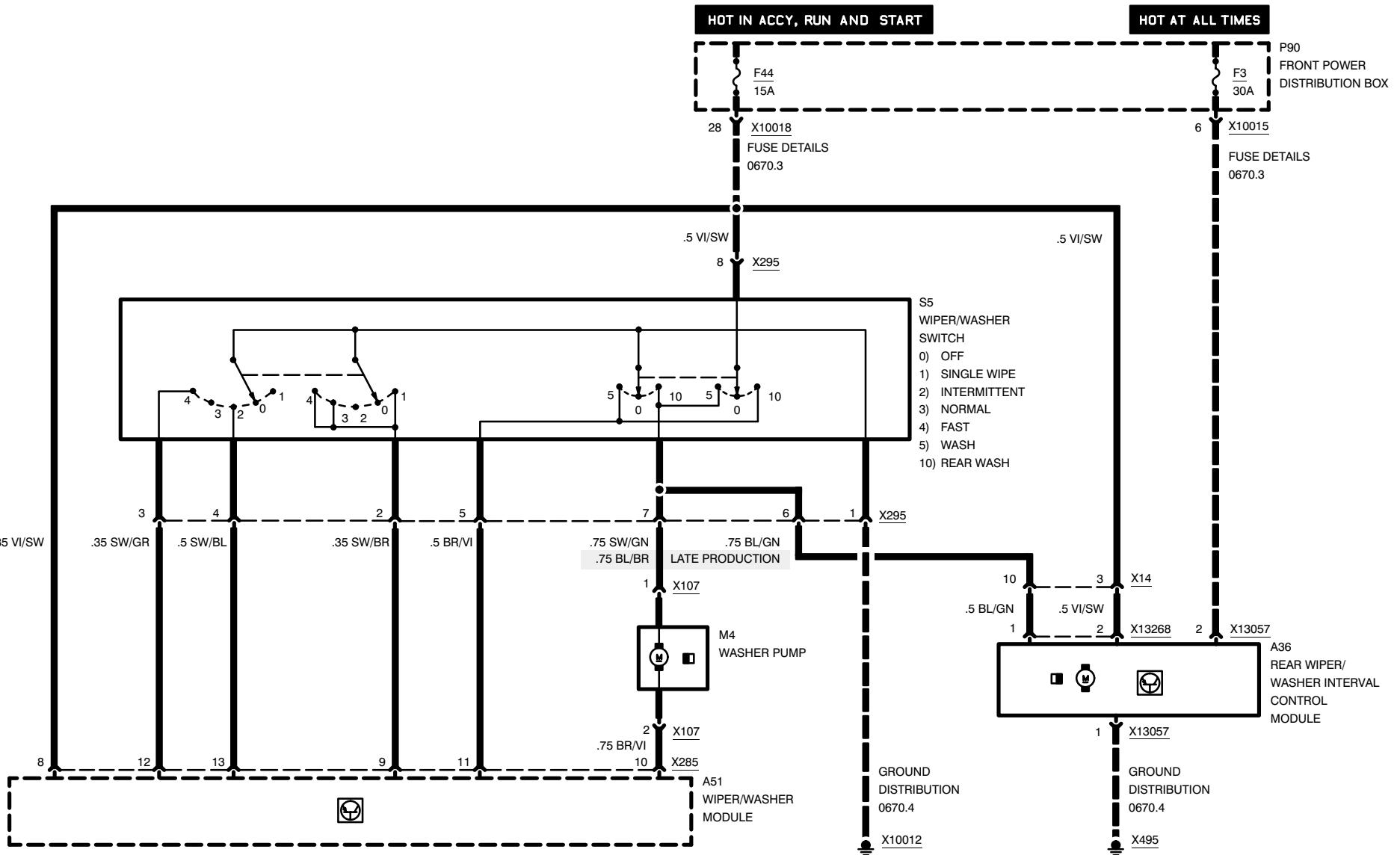
WIPER/WASHER MODULE (WWM)

WIPER/WASHER (HIGH)

03/98

6160.1-02

1997



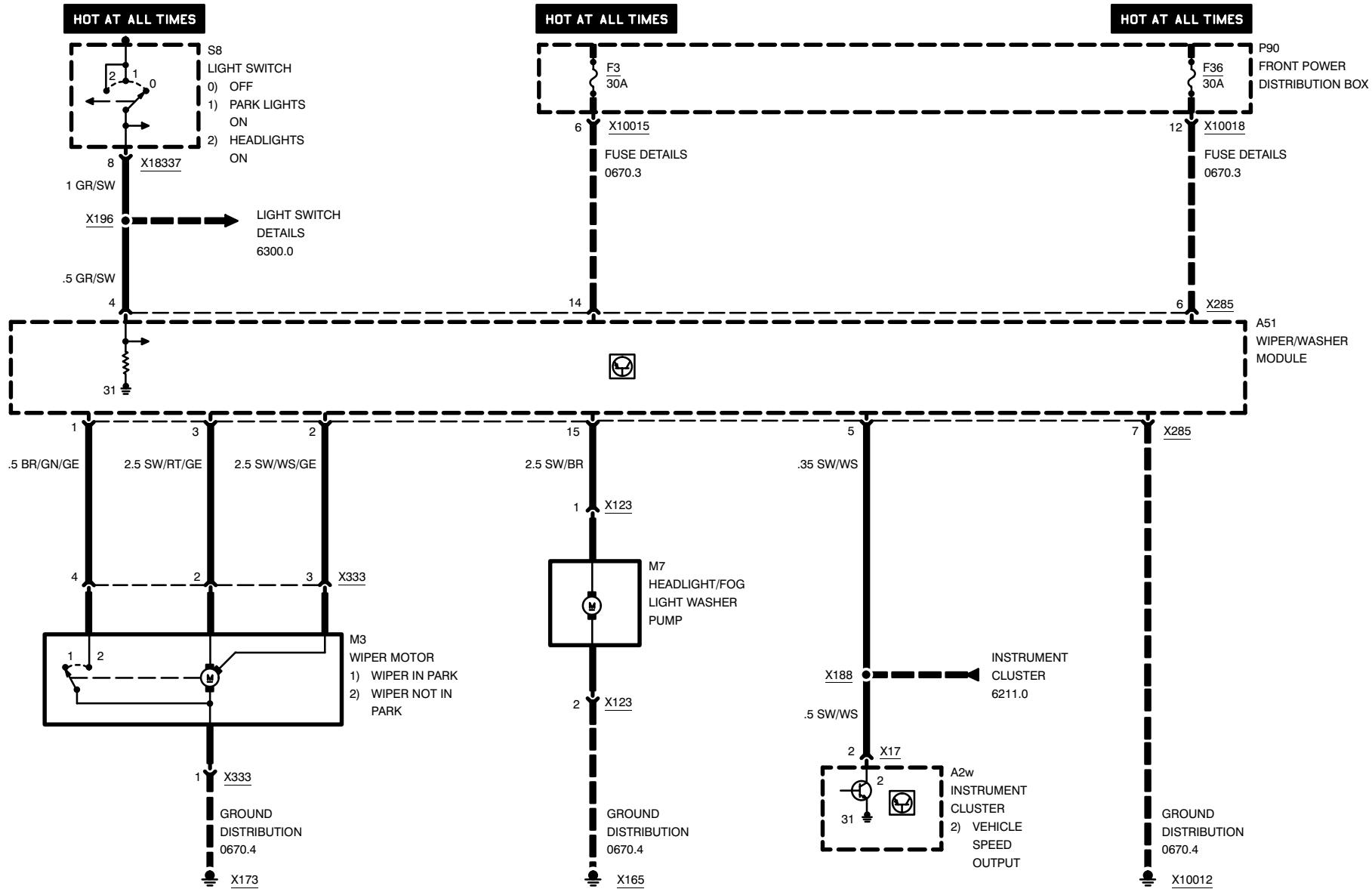
WIPER/WASHER MODULE (WWM)

WIPER/WASHER (HIGH)

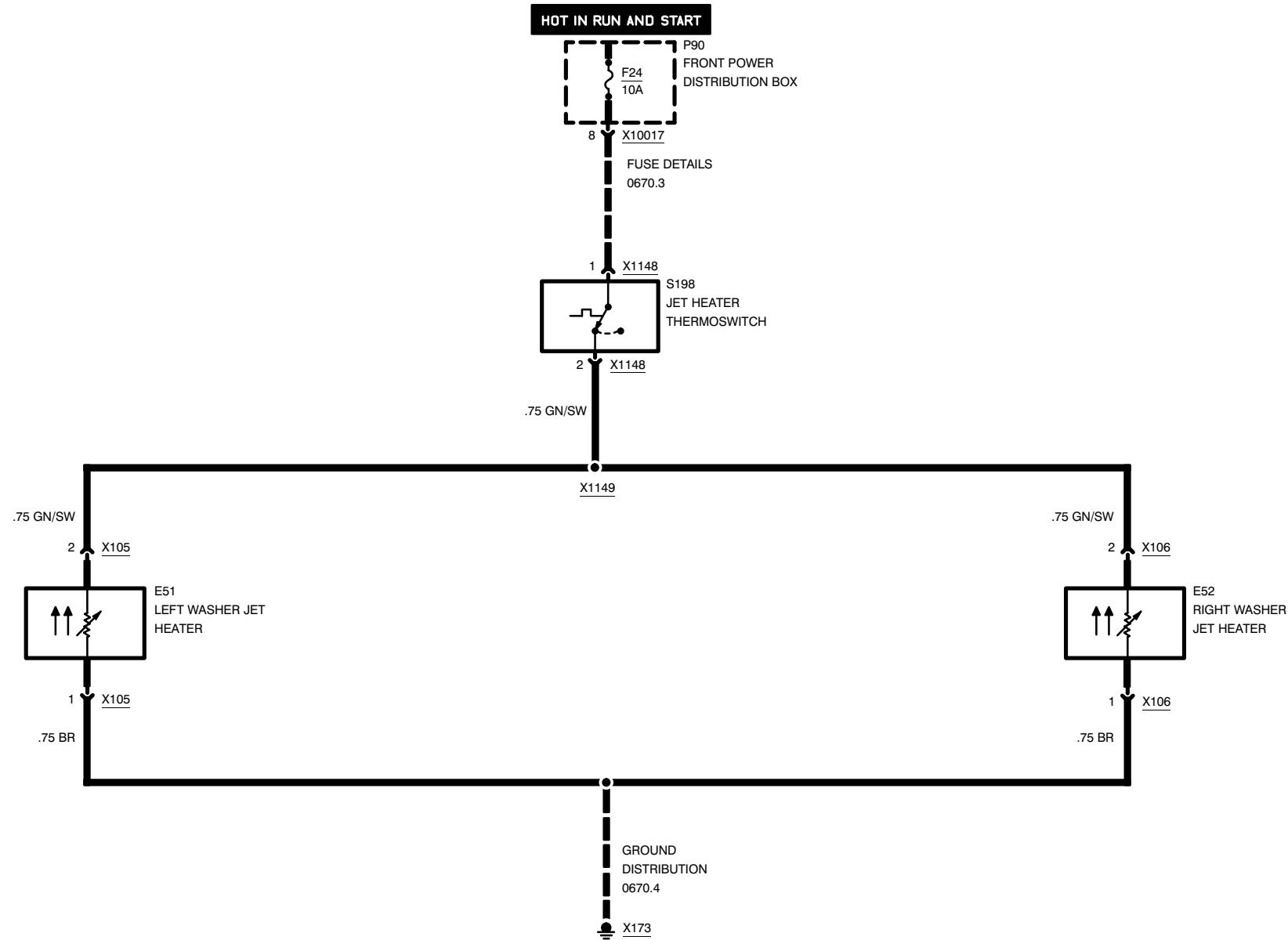
8/3/88

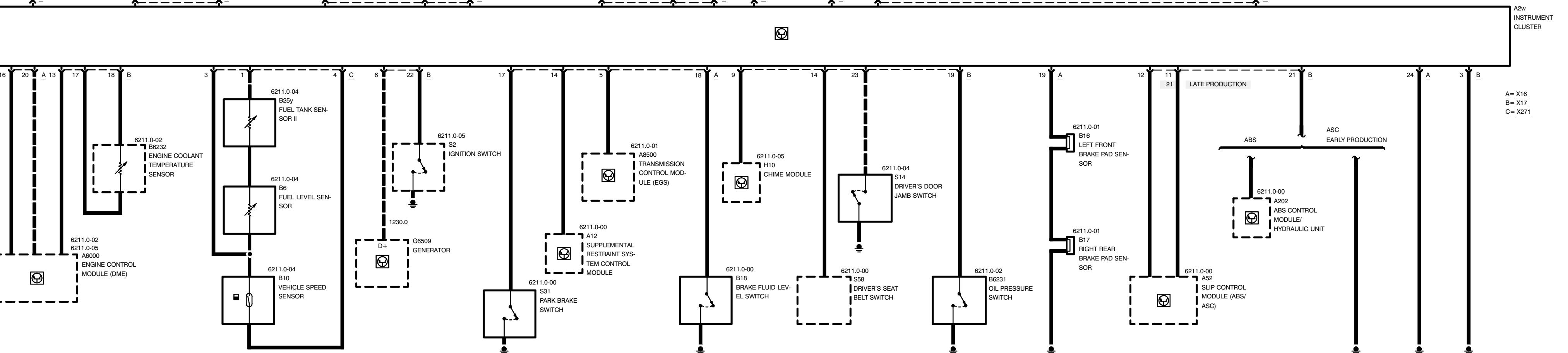
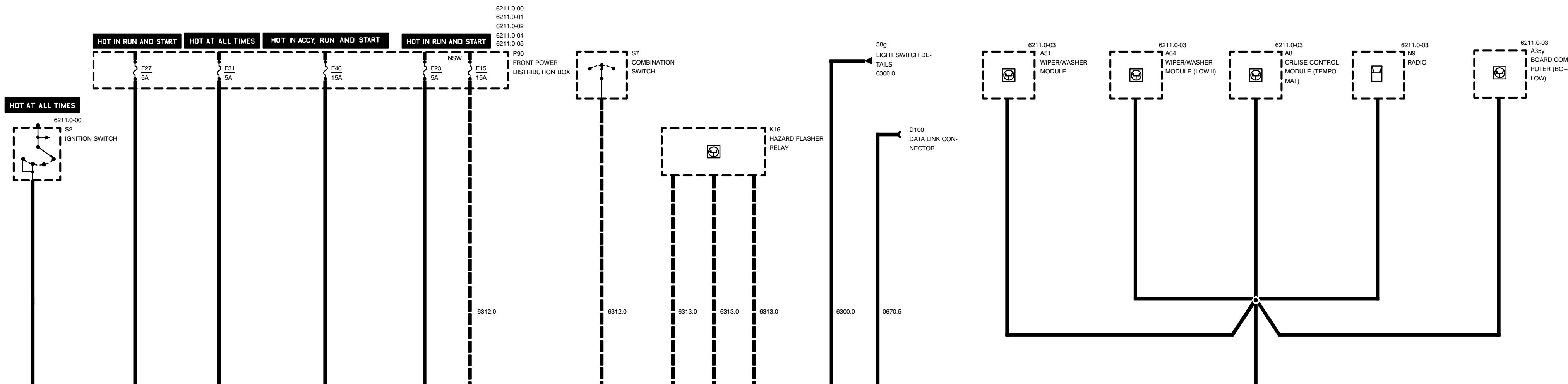
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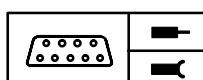
1997



WINDSHIELD WASHER JET HEATERS







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		Not used	
11		Not used	
12		Not used	
13		Not used	
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		Not used	
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

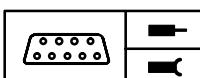


Pin Assignments

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		Not used	
11	E	Slip control system warning lamp (ABS) control	ASC control module
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	M	Ground (ASC, Early Production)	Ground point
21	E	ABS warning lamp (ASC, Late Production)	ASC control module
21	E	ABS warning lamp (ABS)	ABS control module/hydraulic unit
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		Not used	
25		Not used	
26		Not used	

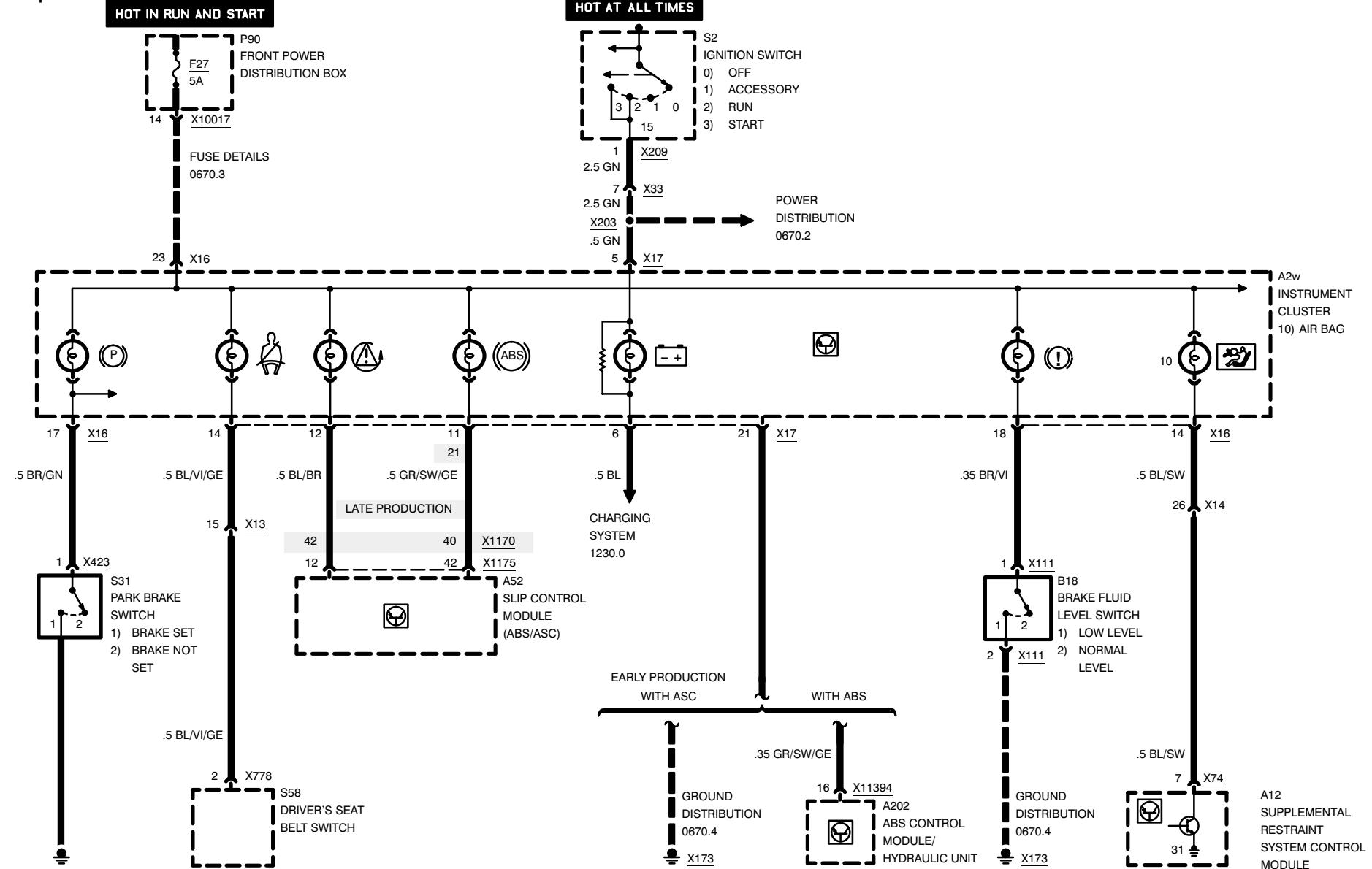
X271

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

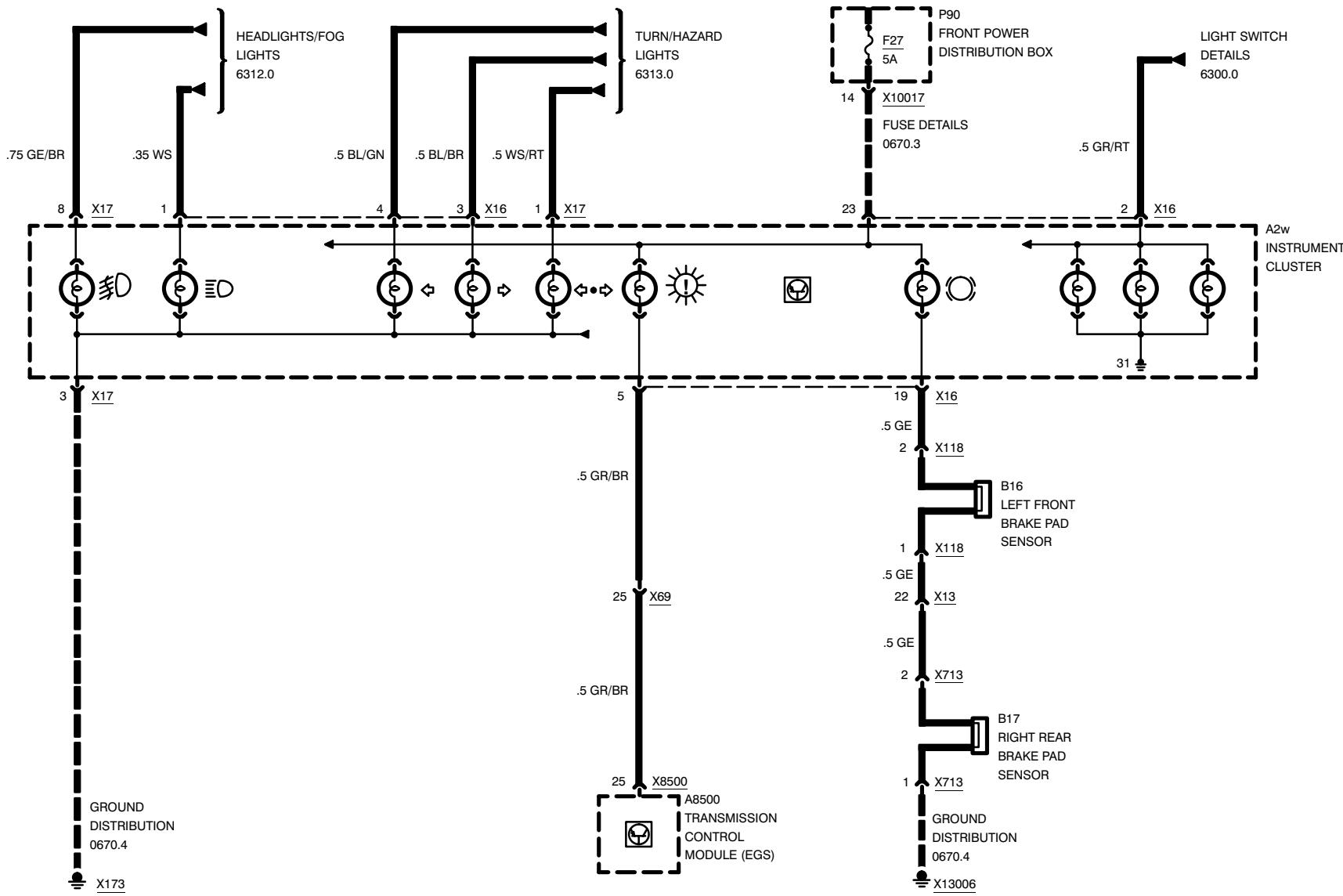
INSTRUMENT CLUSTER

INDICATORS



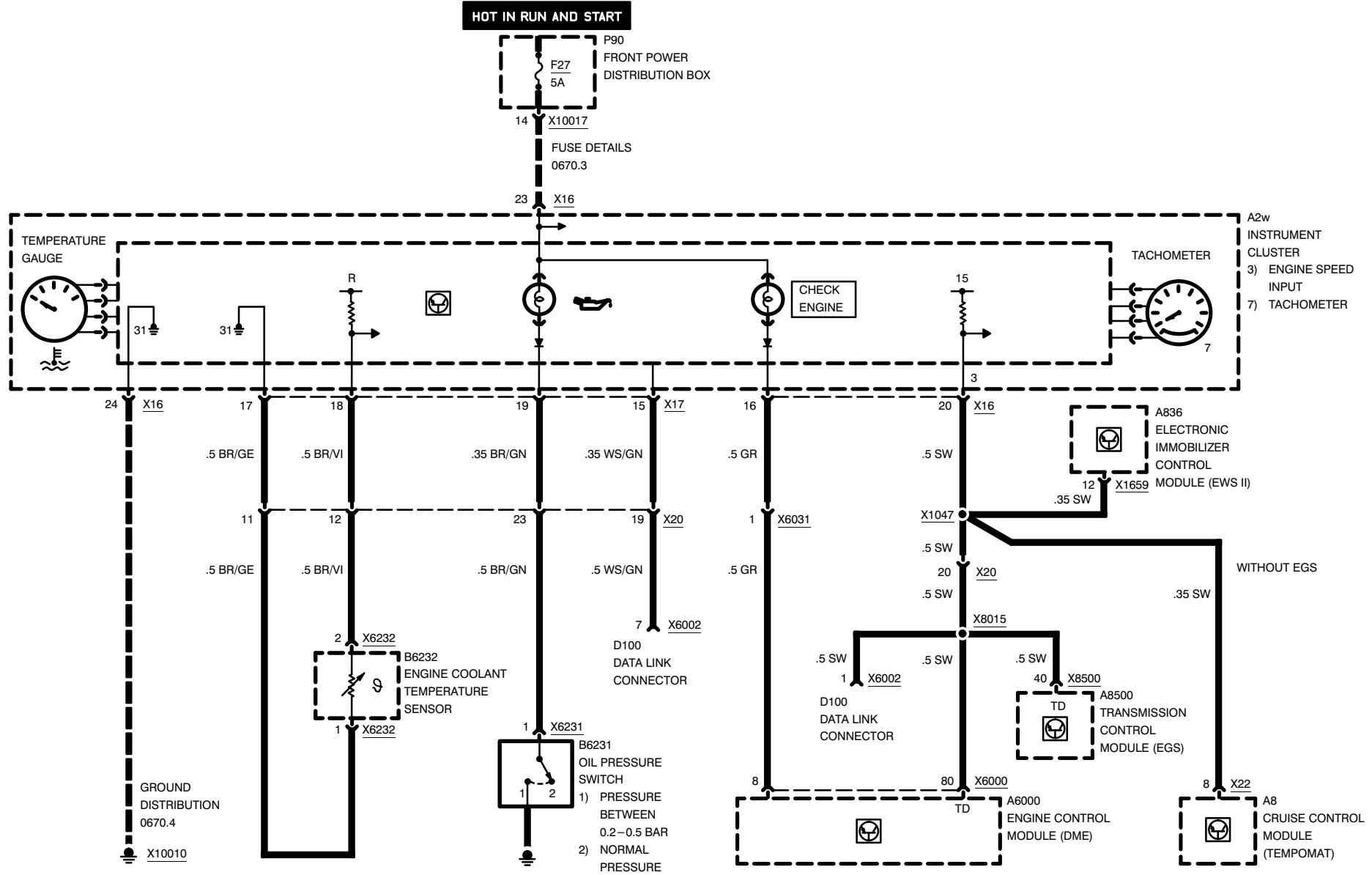
INSTRUMENT CLUSTER

INDICATORS



INSTRUMENT CLUSTER

INDICATORS



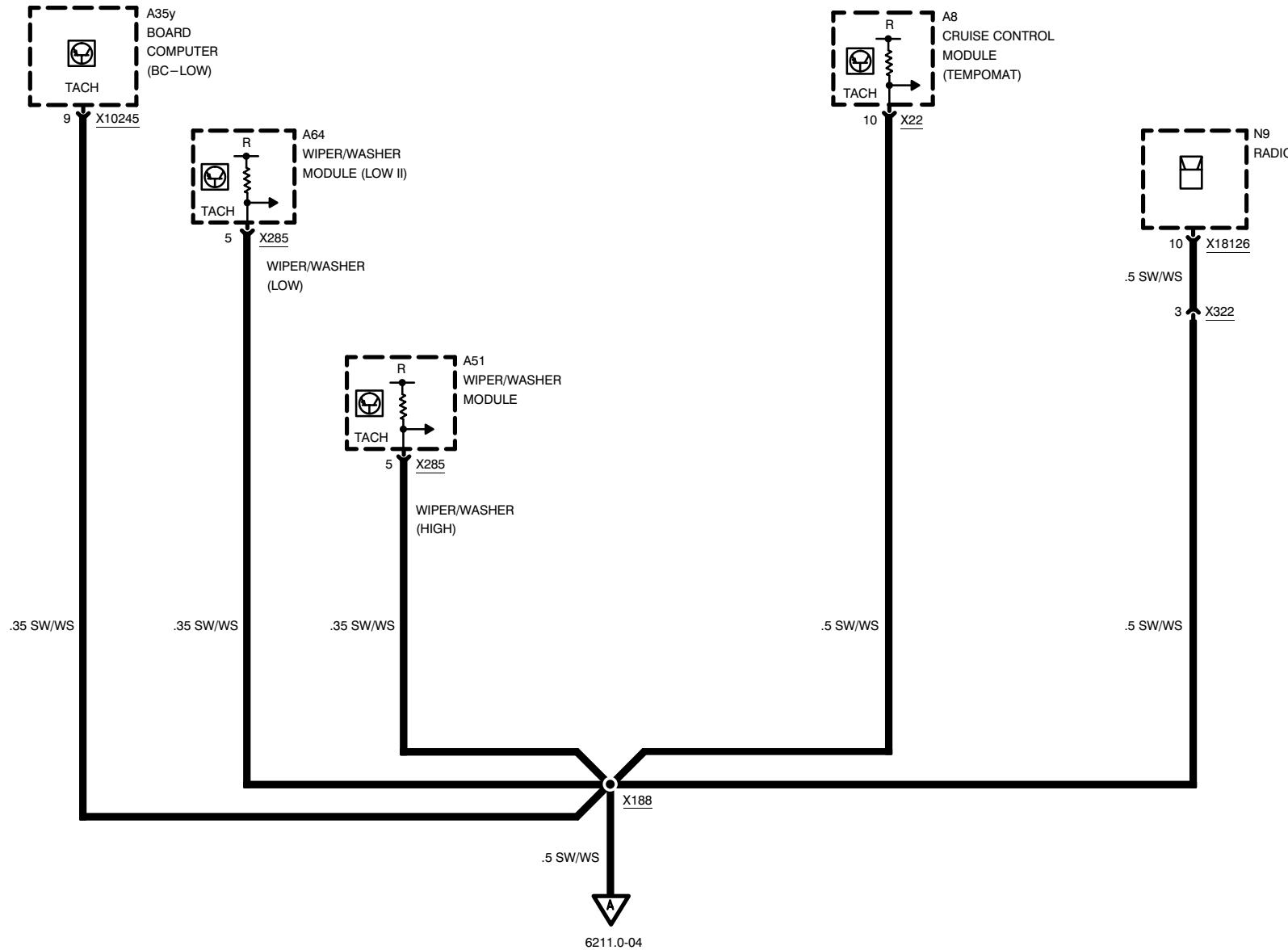
INSTRUMENT CLUSTER

SIGNAL-OUTPUT SPEEDOMETER

03/98

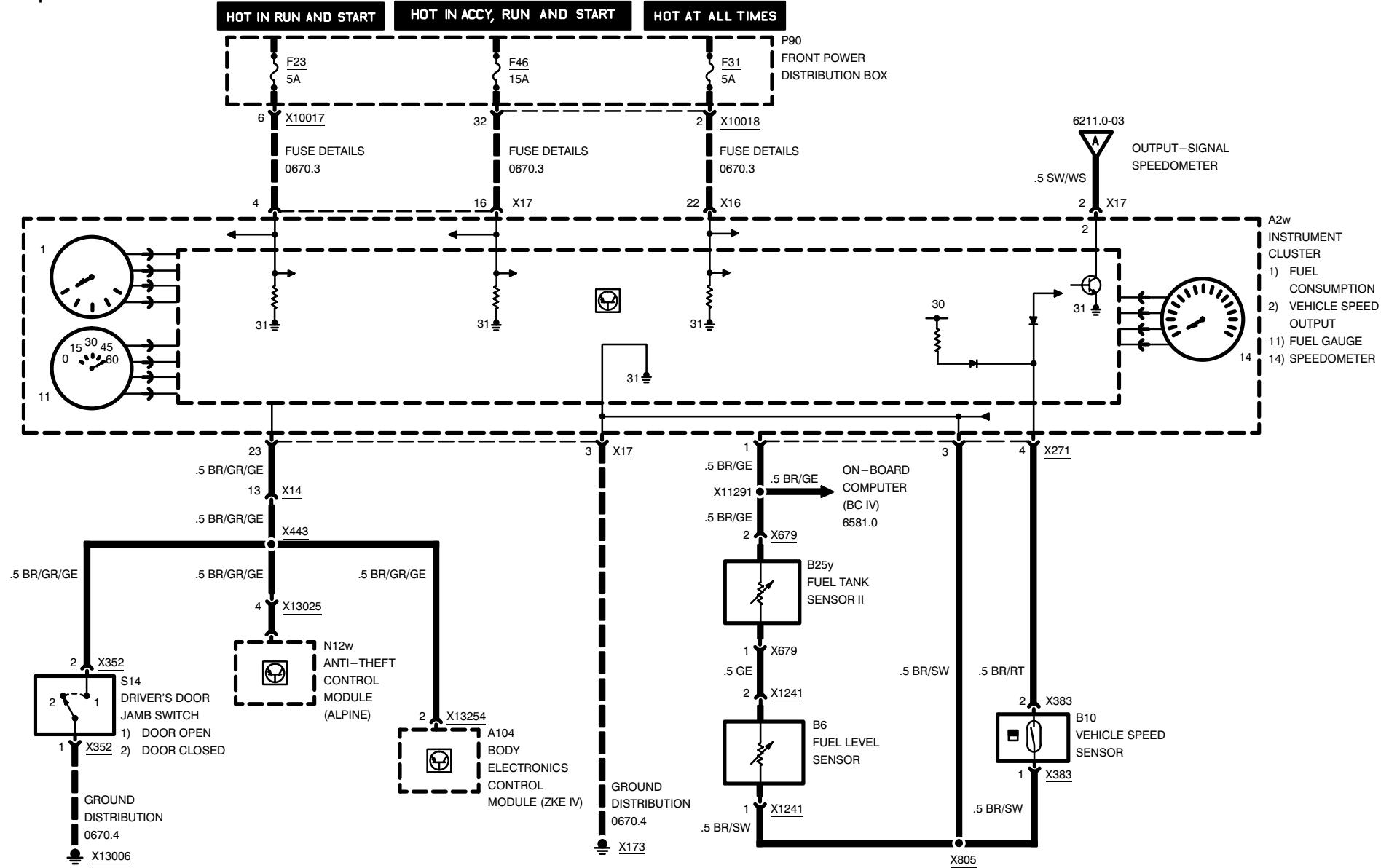
6211.0-03

1997

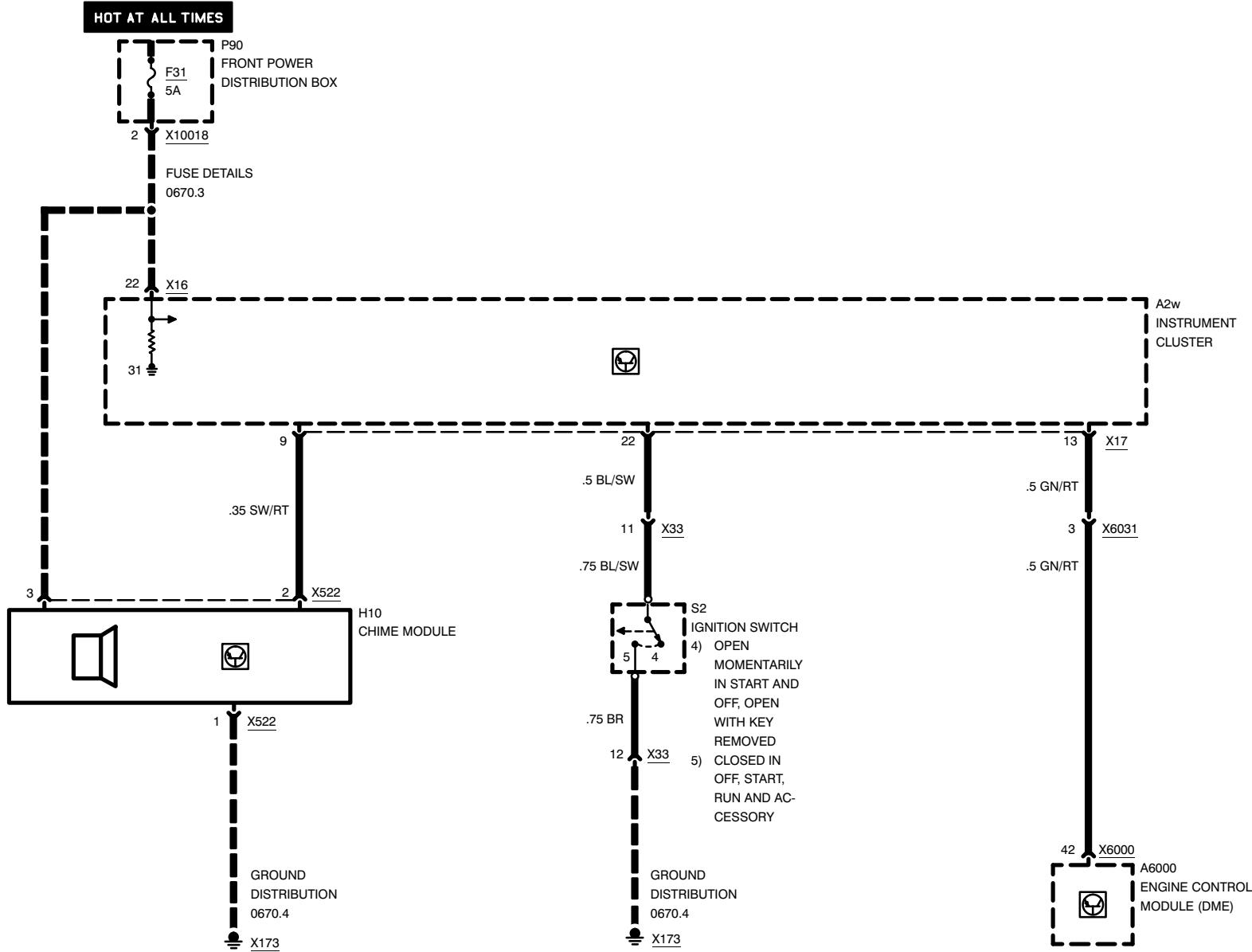


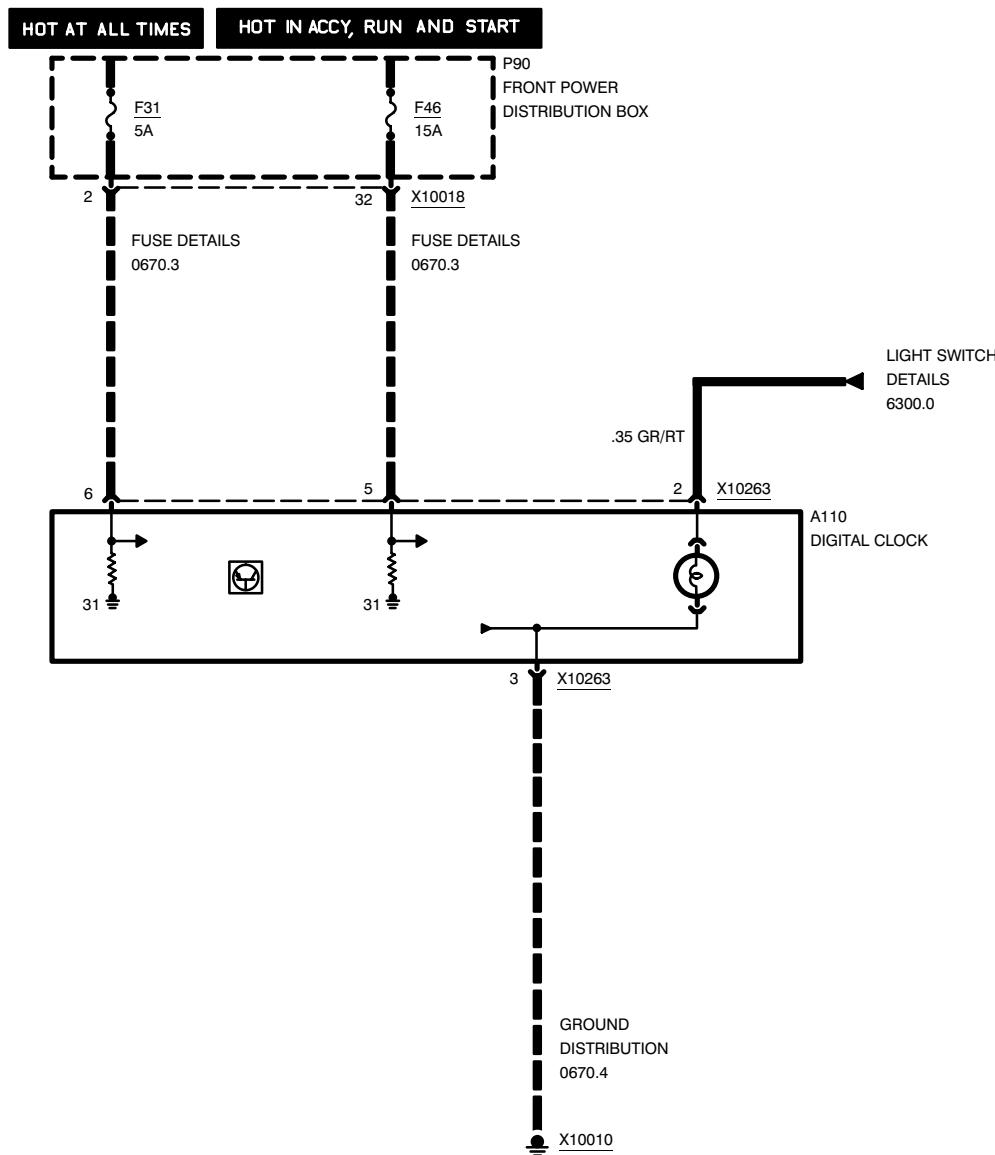
INSTRUMENT CLUSTER

INDICATORS

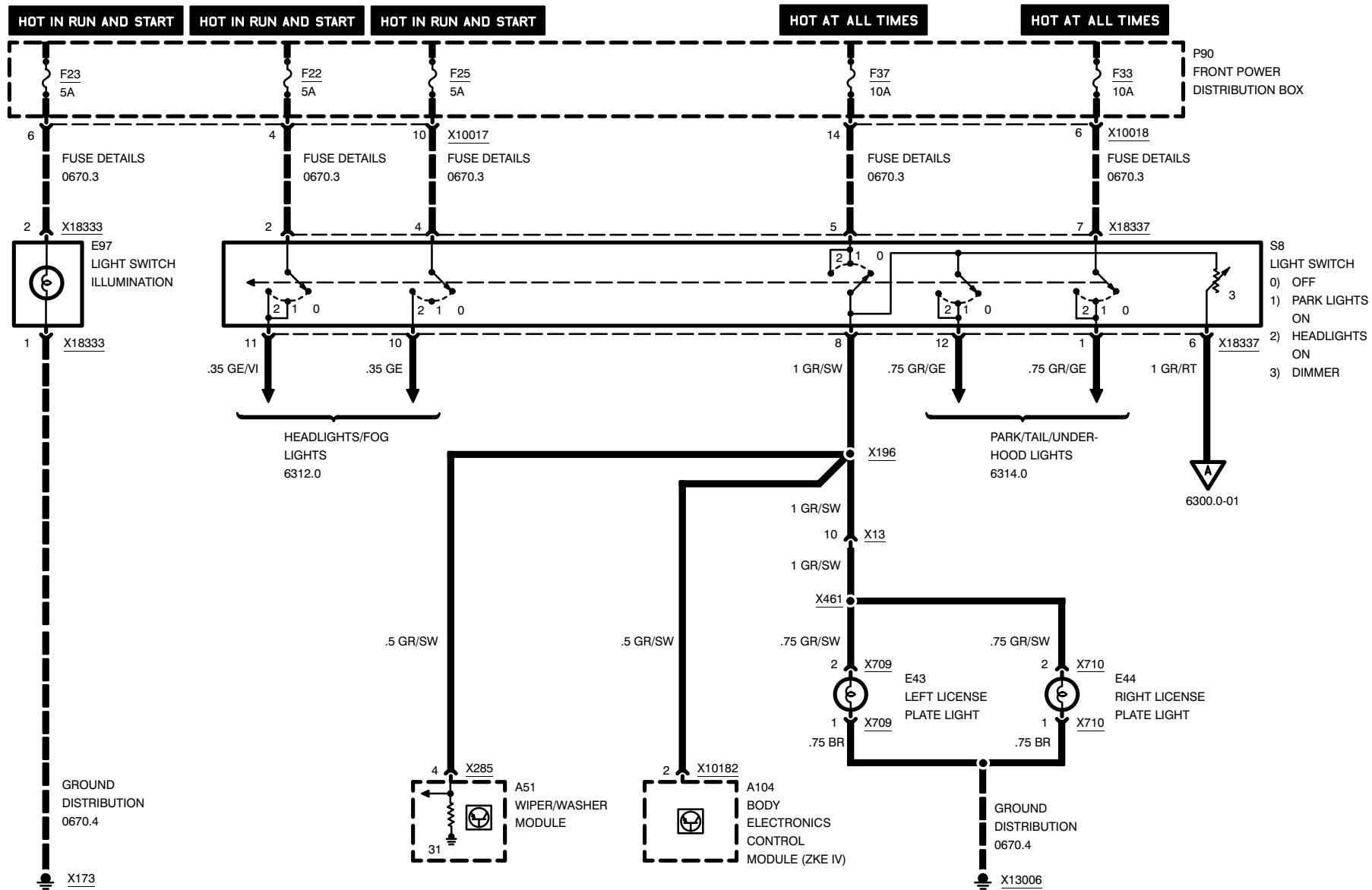


INSTRUMENT CLUSTER

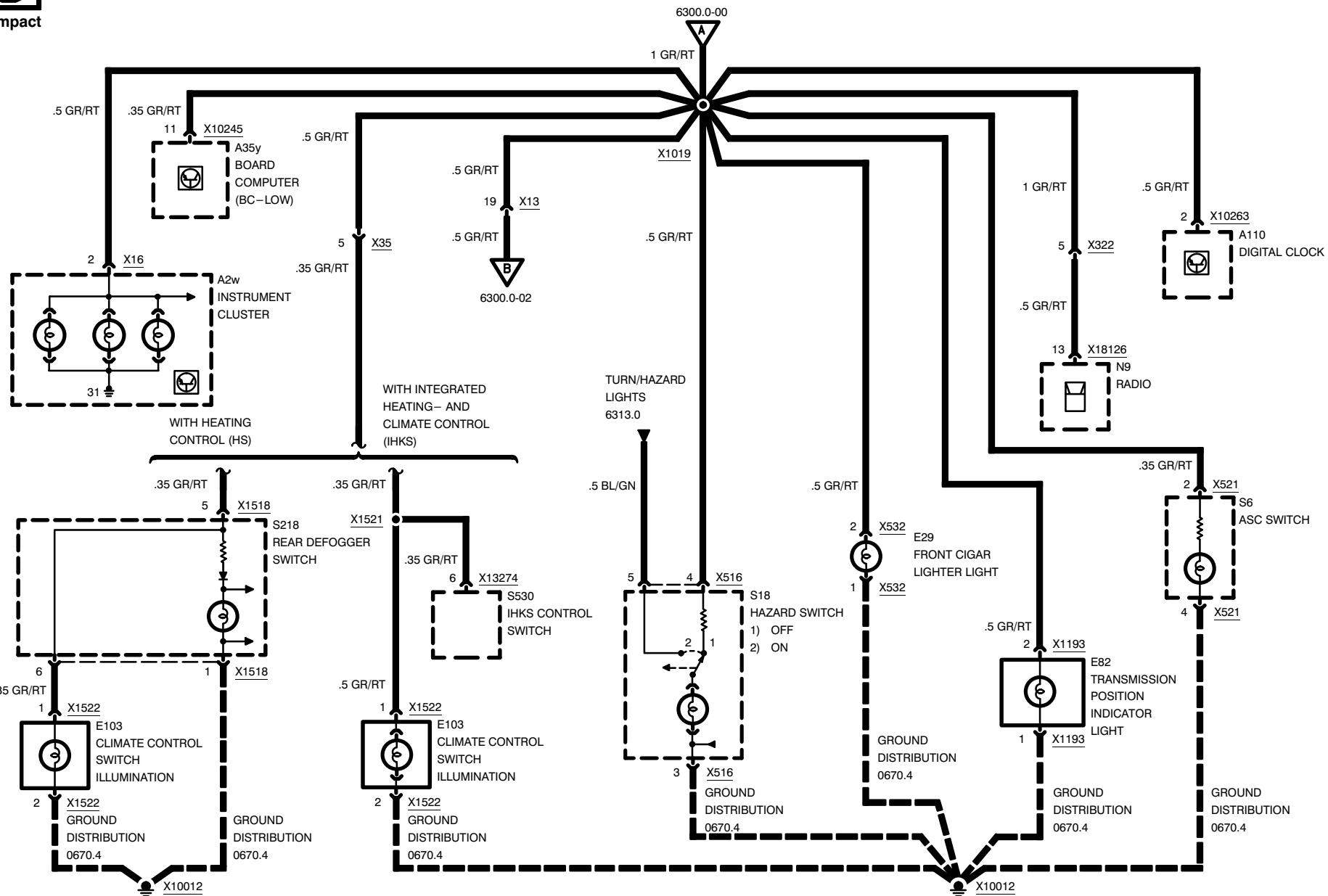




LIGHT SWITCH DETAILS



LIGHT SWITCH DETAILS

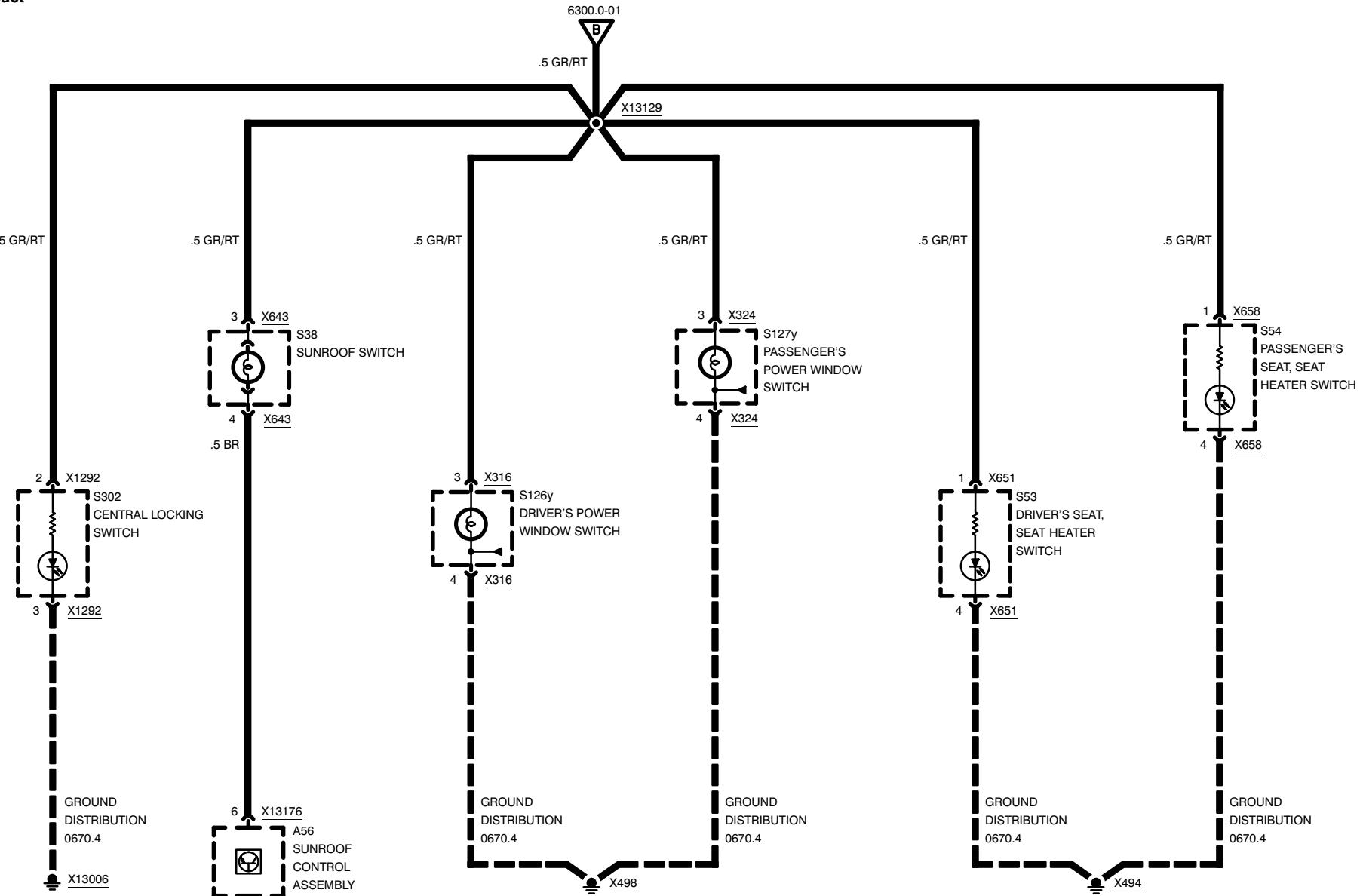


LIGHT SWITCH DETAILS

03/98

6300.0-02

1997

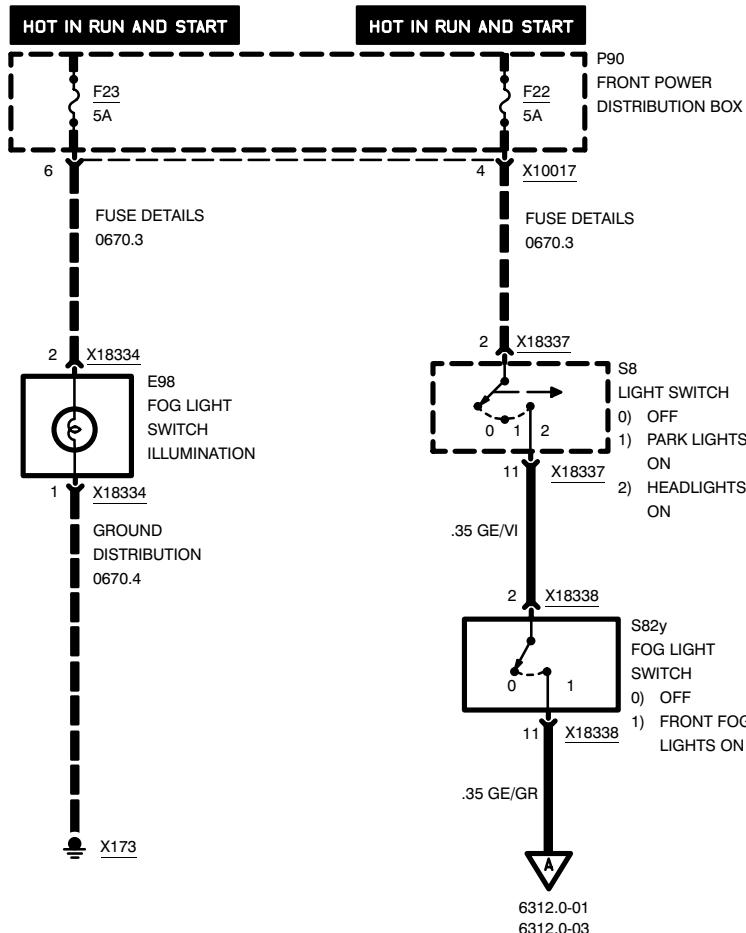


HEADLIGHTS/FOG LIGHTS

03/98

6312.0-00

1997



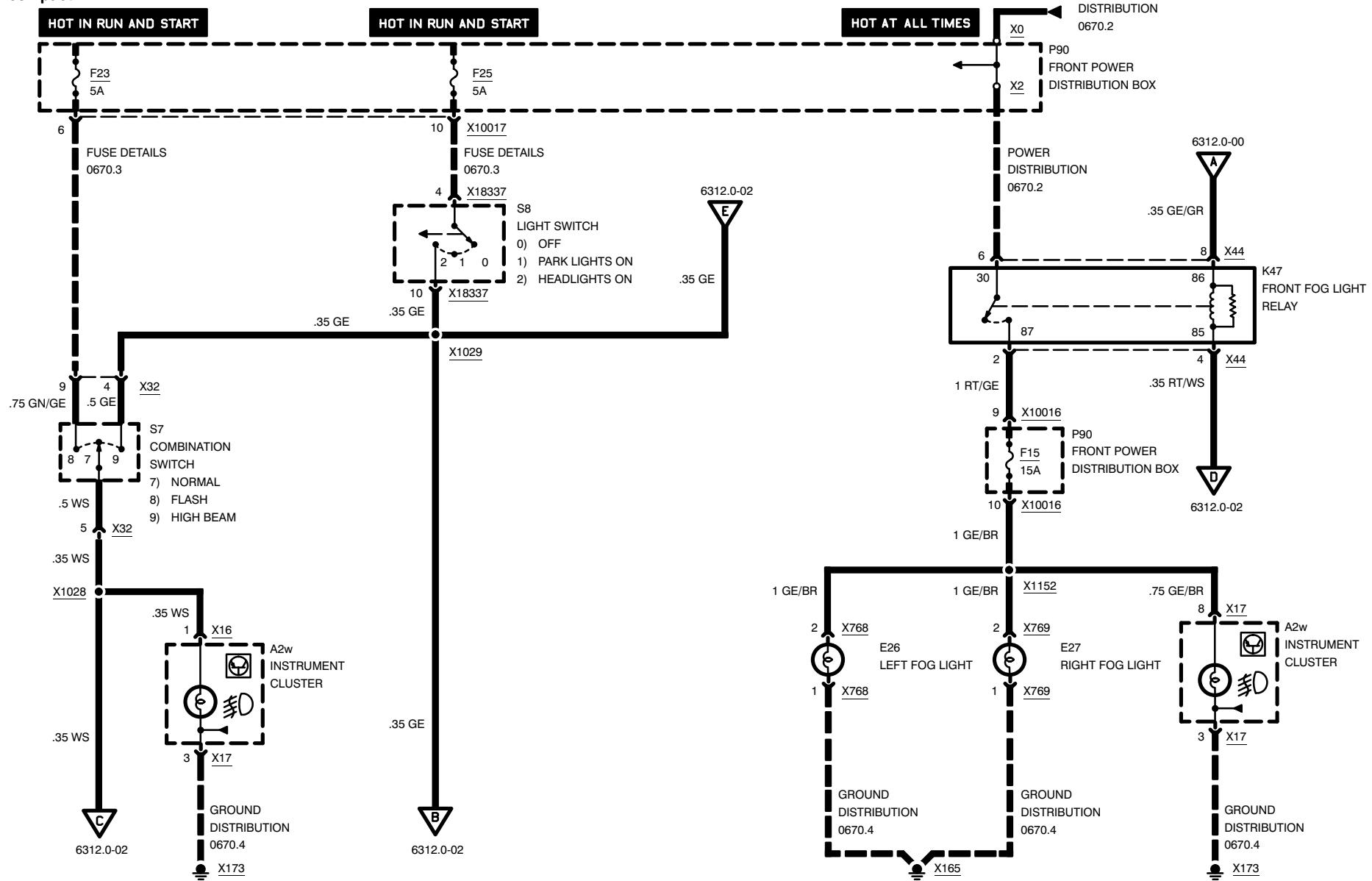
HEADLIGHTS/FOG LIGHTS

USA

03/98

6312.0-01

1997



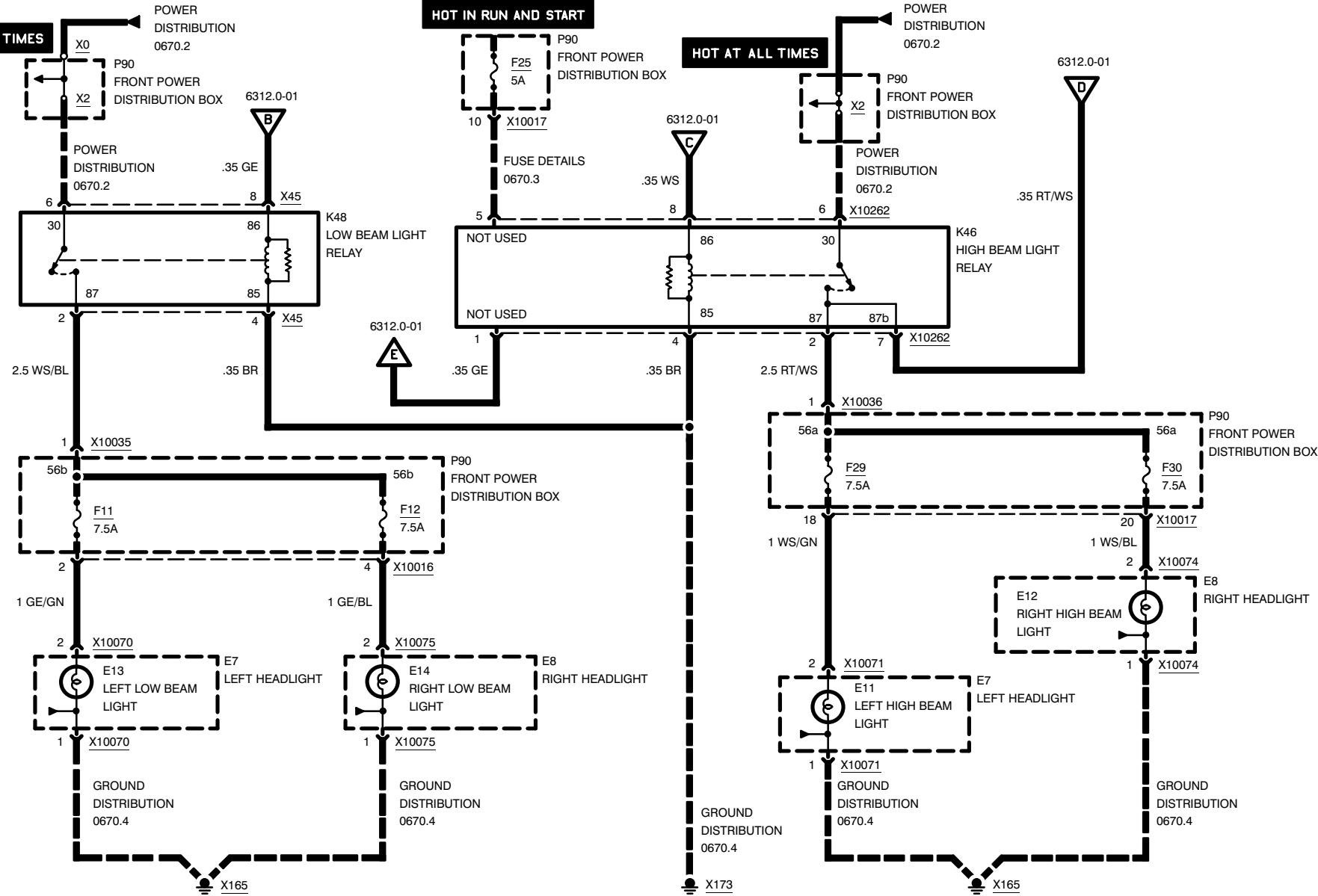
HEADLIGHTS/FOG LIGHTS

USA

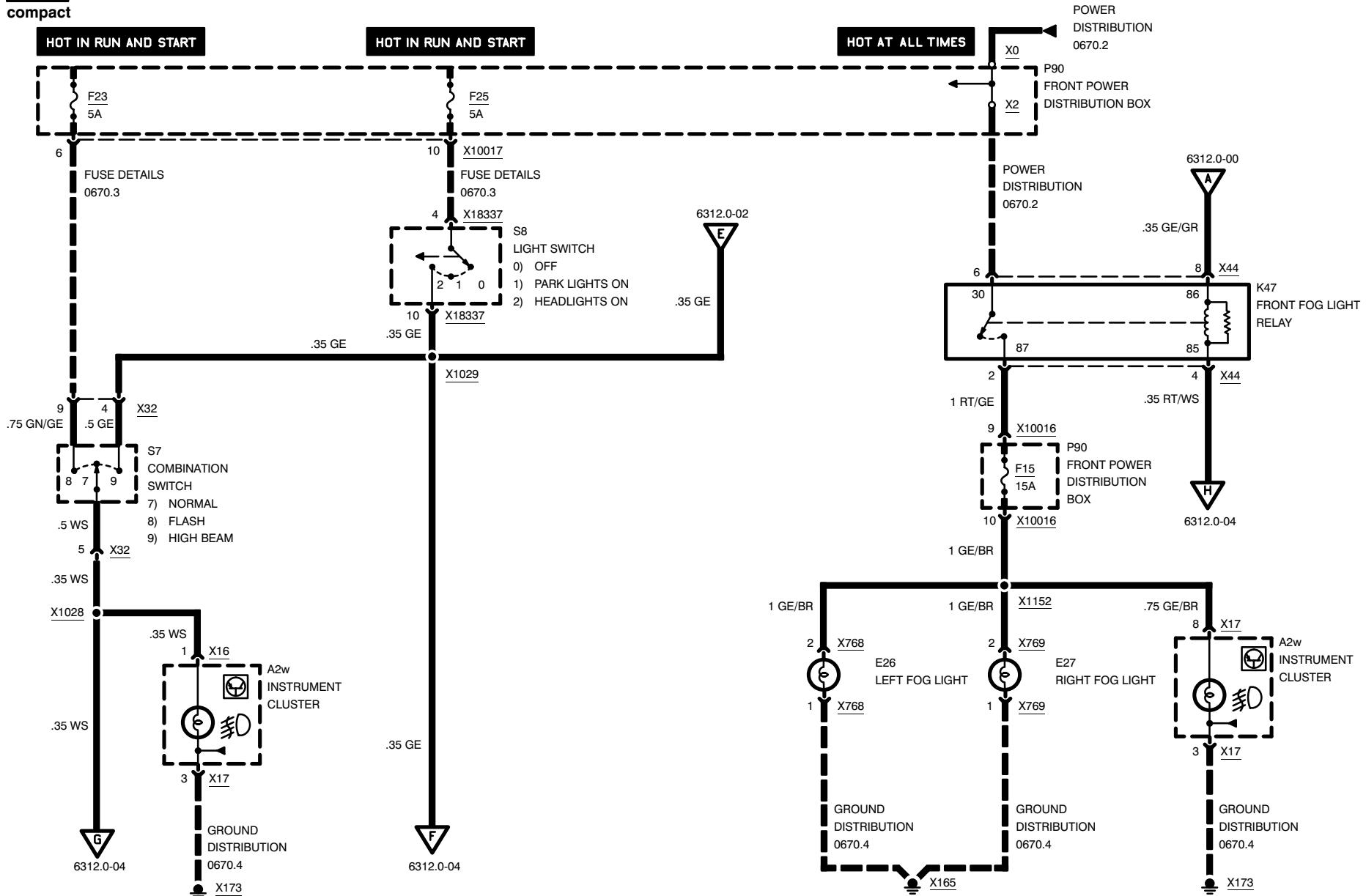
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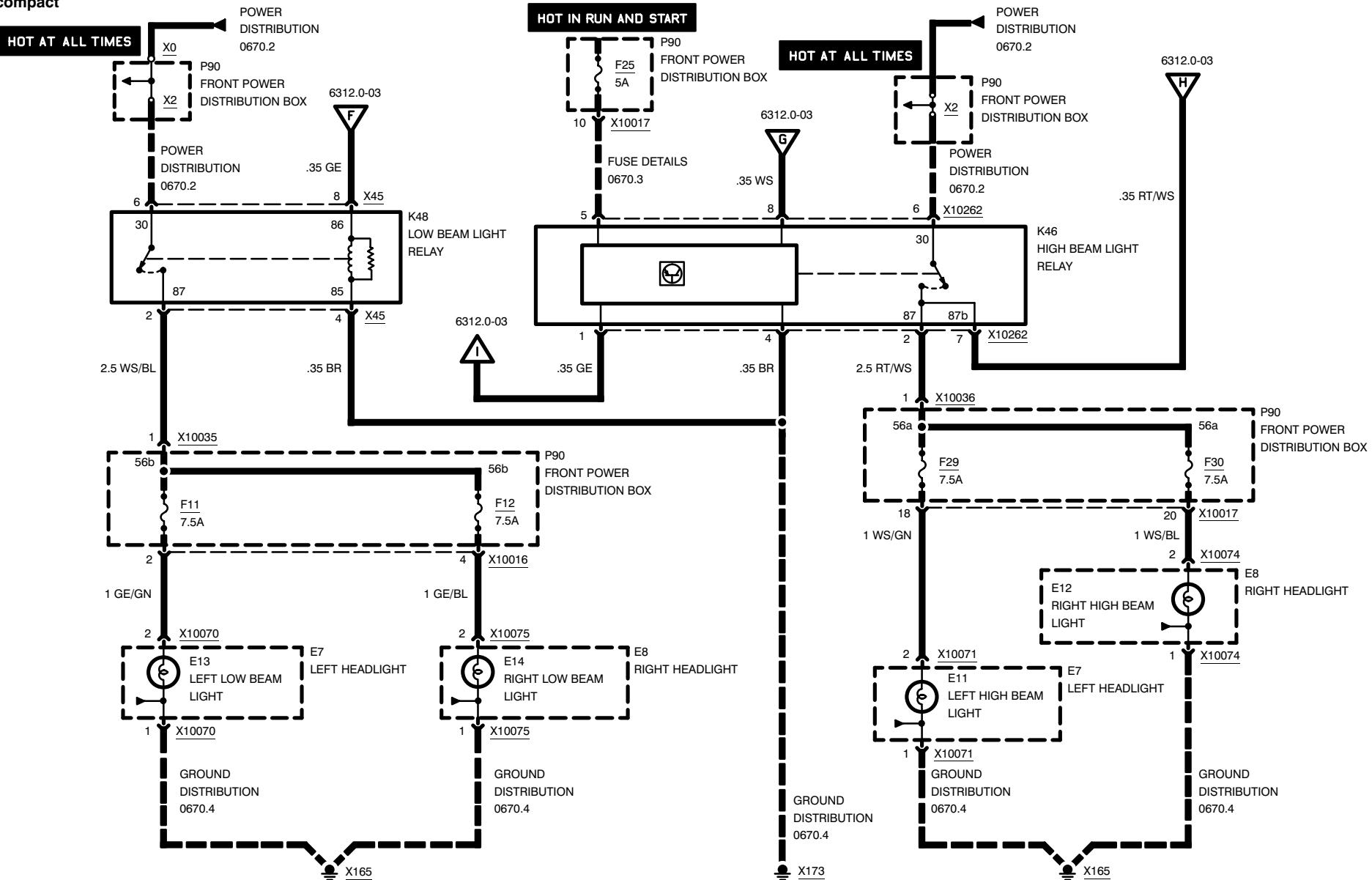
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1997

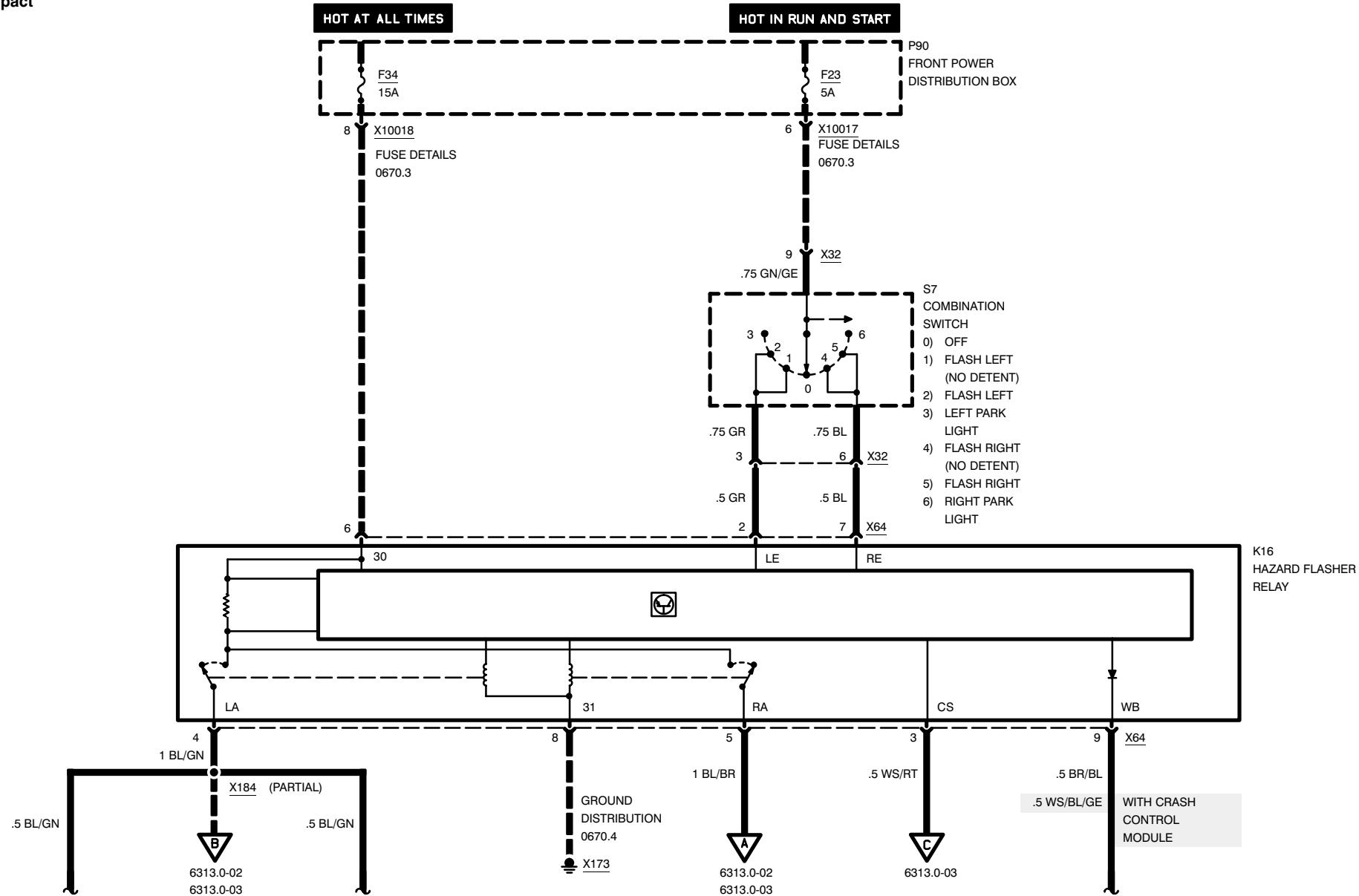


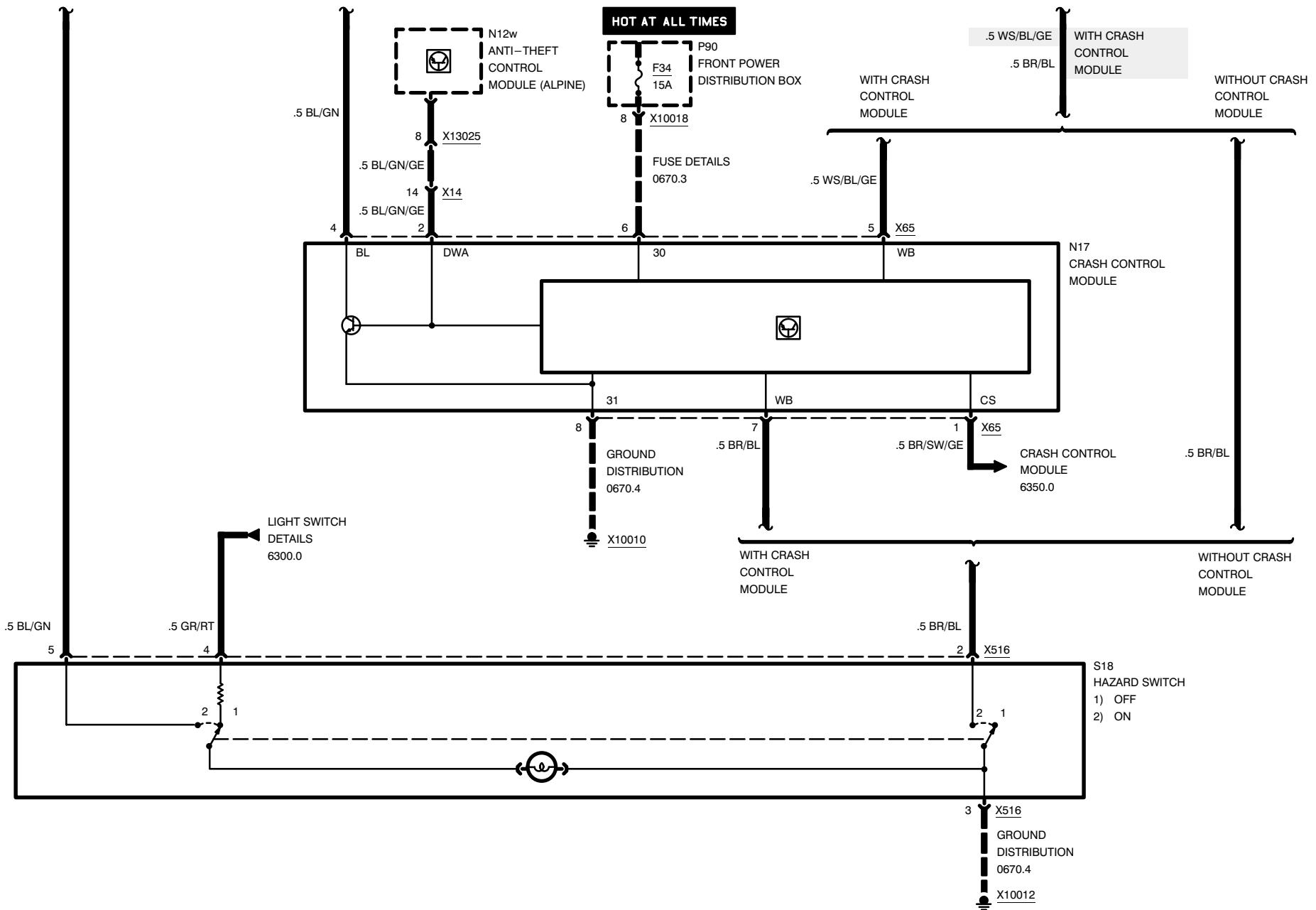
HEADLIGHTS/FOG LIGHTS





TURN/HAZARD LIGHTS

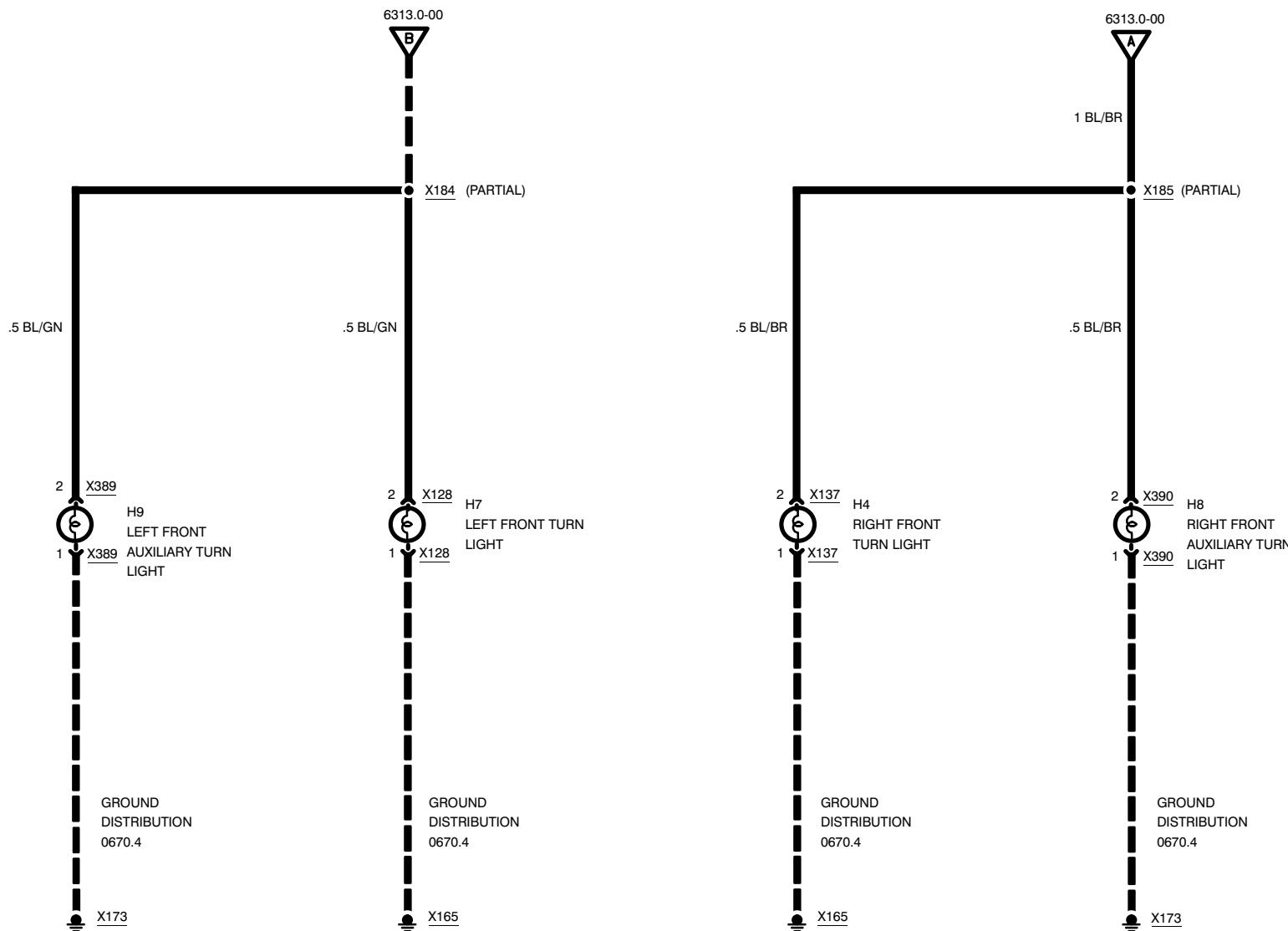




TURN/HAZARD LIGHTS

03/98

6313.0-02 — 1997

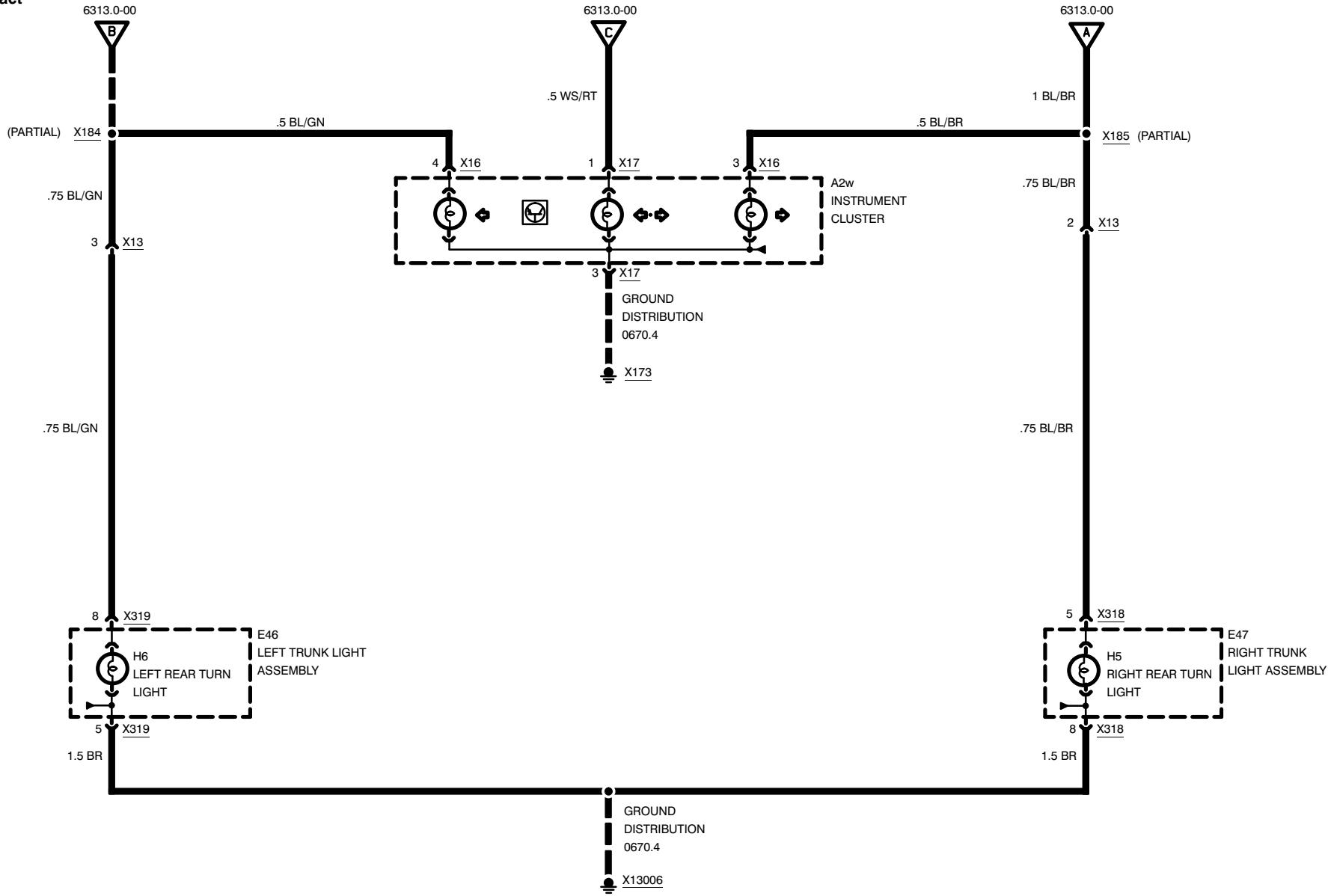


TURN/HAZARD LIGHTS

03/98

6313.0-03

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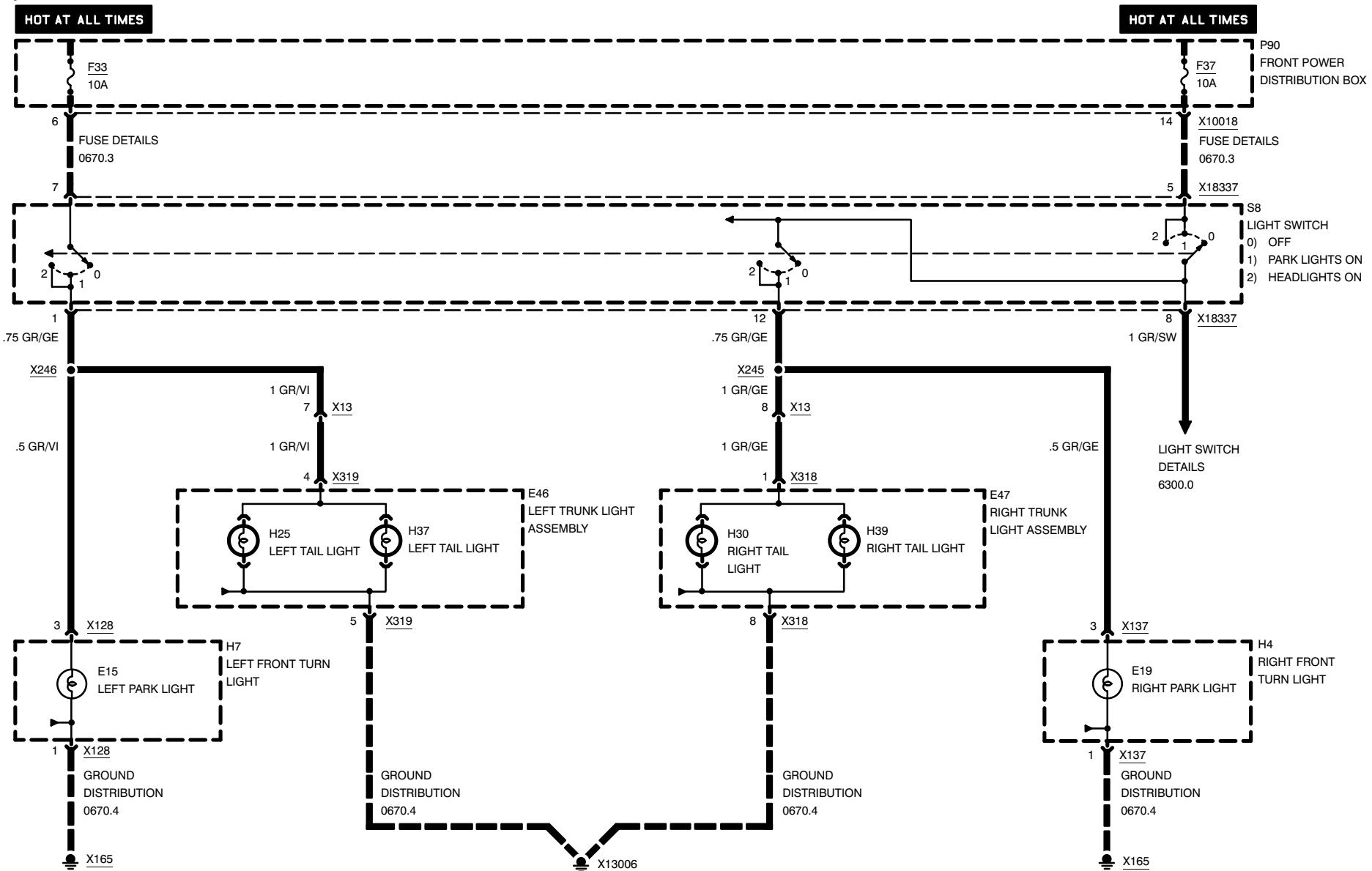


PARK/TAIL/UNDERHOOD LIGHTS

03/98

6314.0-00

1997

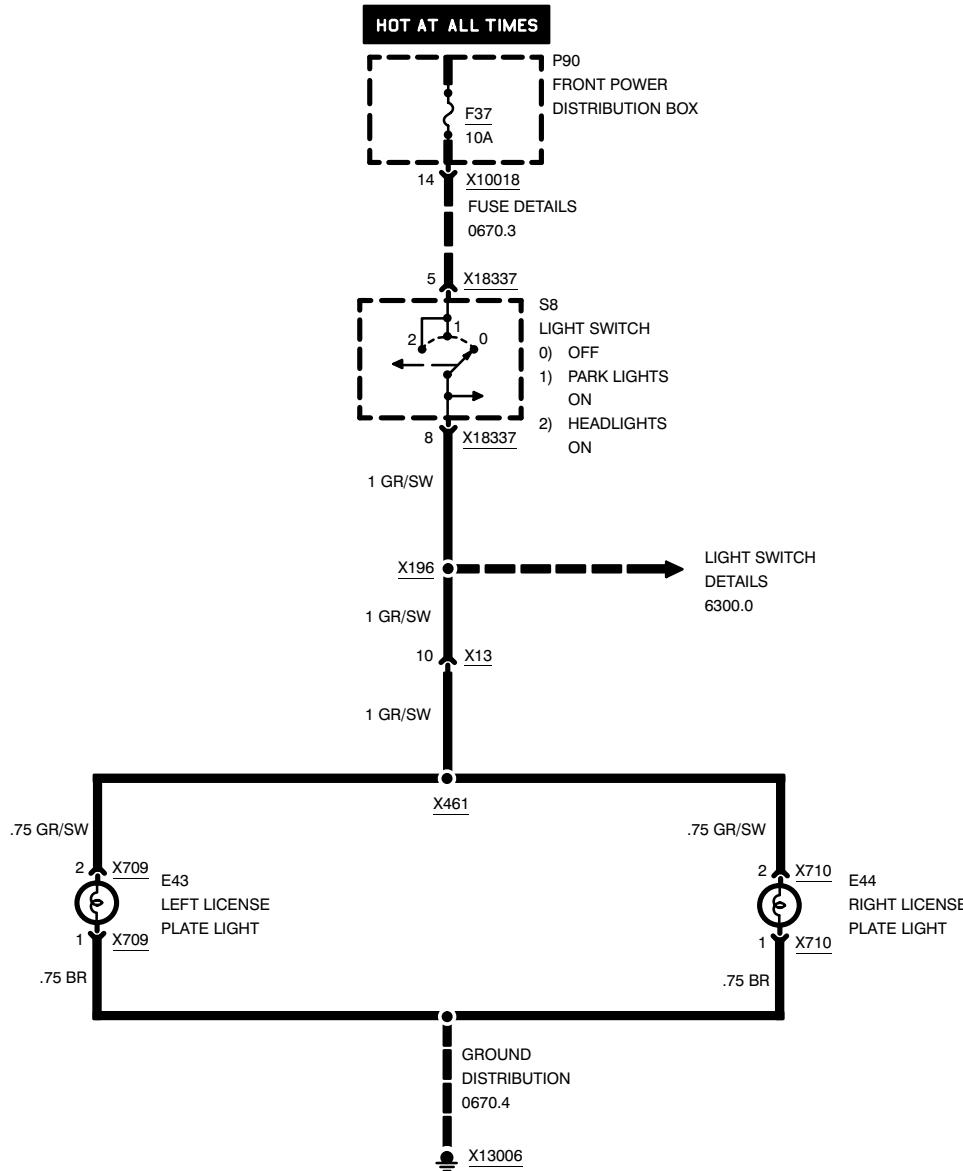


LICENSE PLATE/LUGGAGE COMPARTMENT LIGHTS

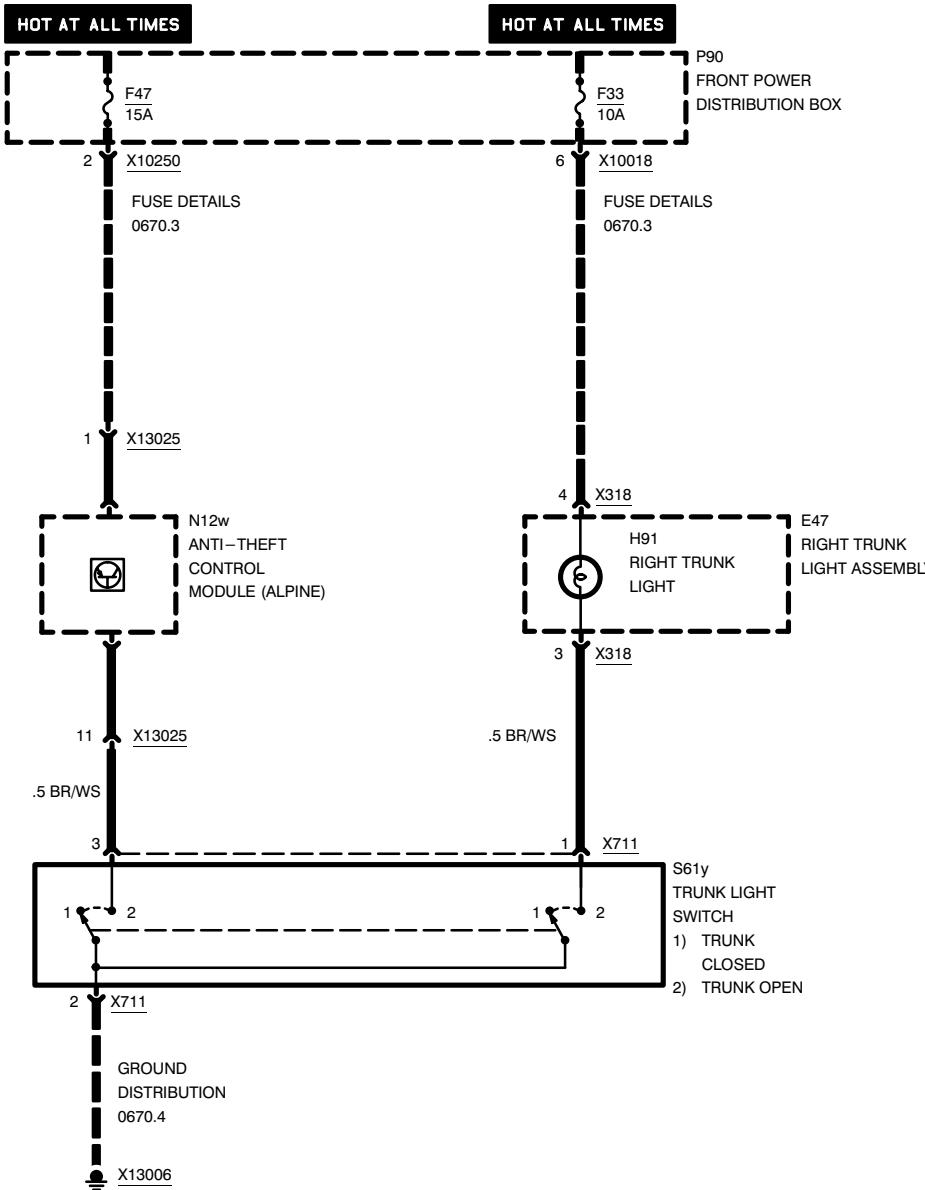
03/98

6320.0-00

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LICENSE PLATE/LUGGAGE COMPARTMENT LIGHTS

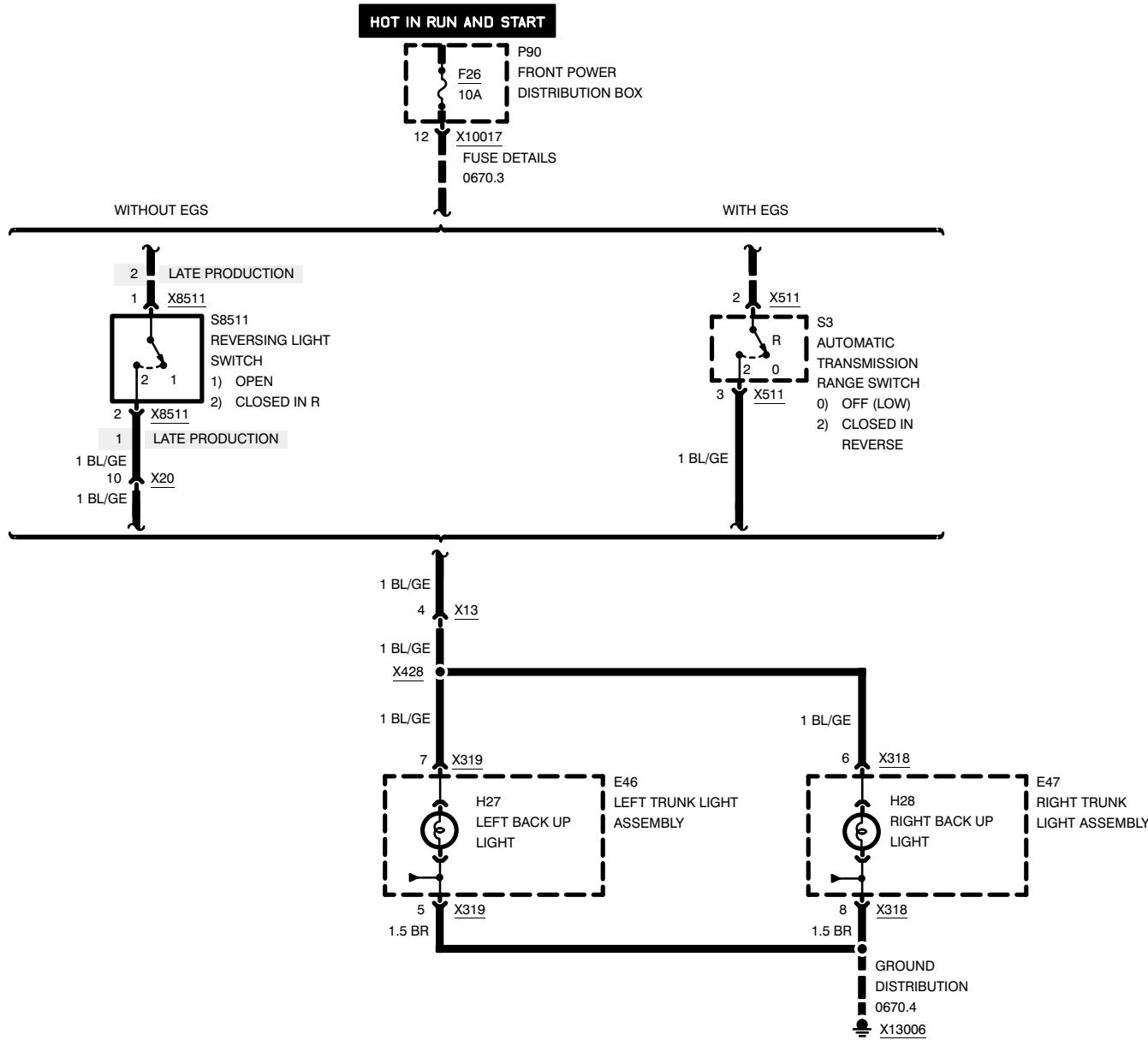


BACK UP LIGHTS

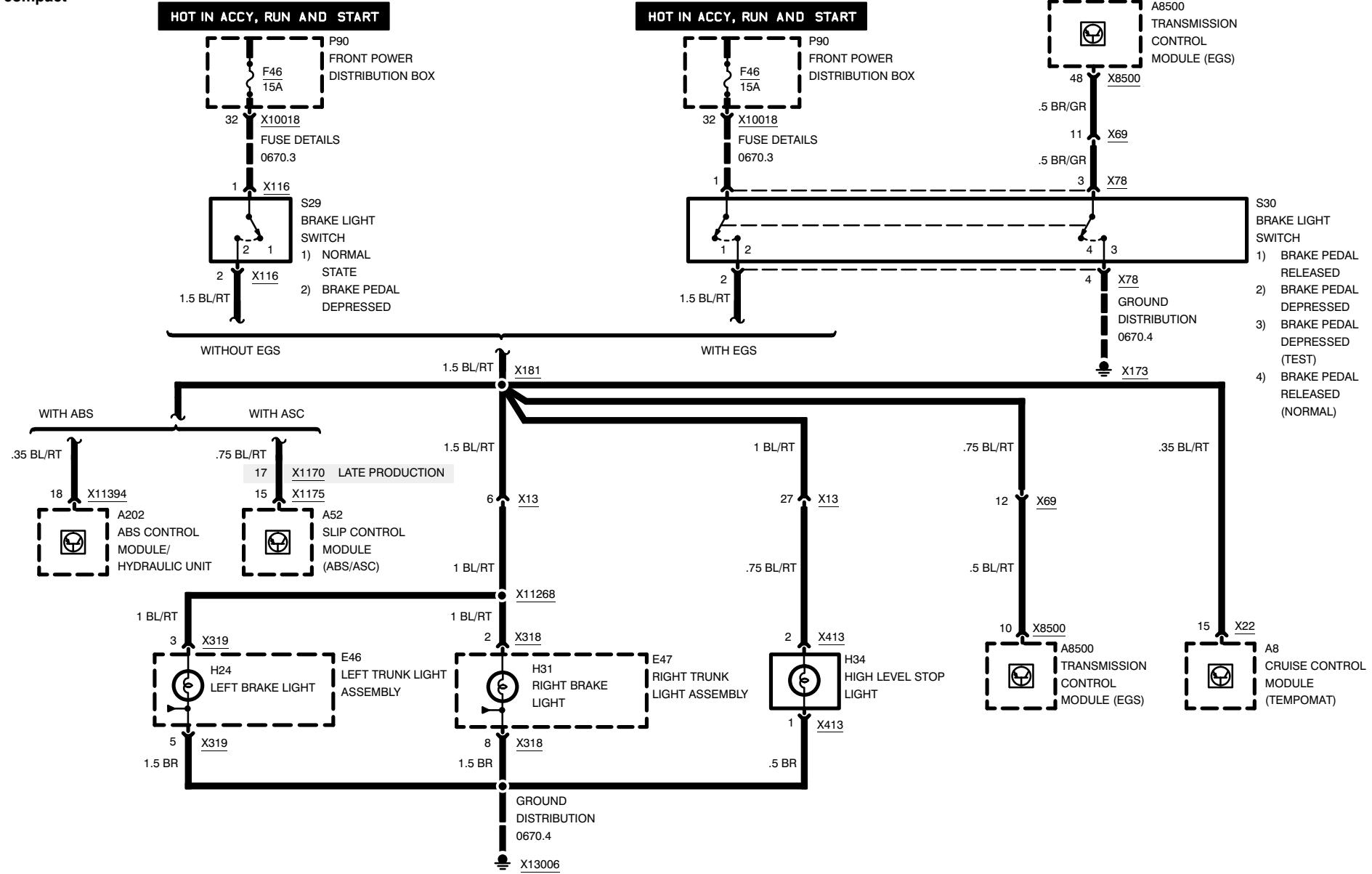
03/98

6322.0-00

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BRAKE LIGHTS



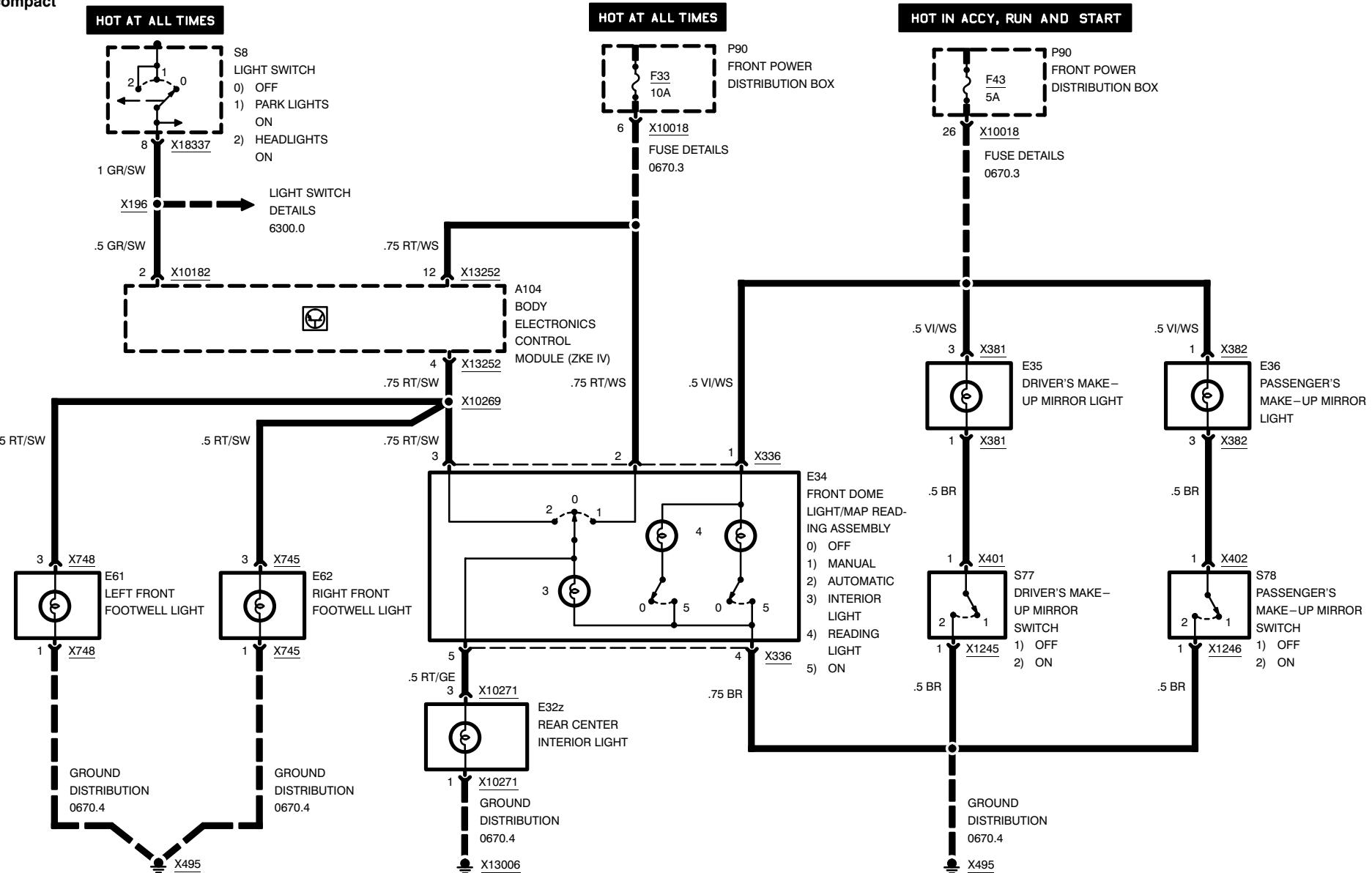
INTERIOR LIGHTS

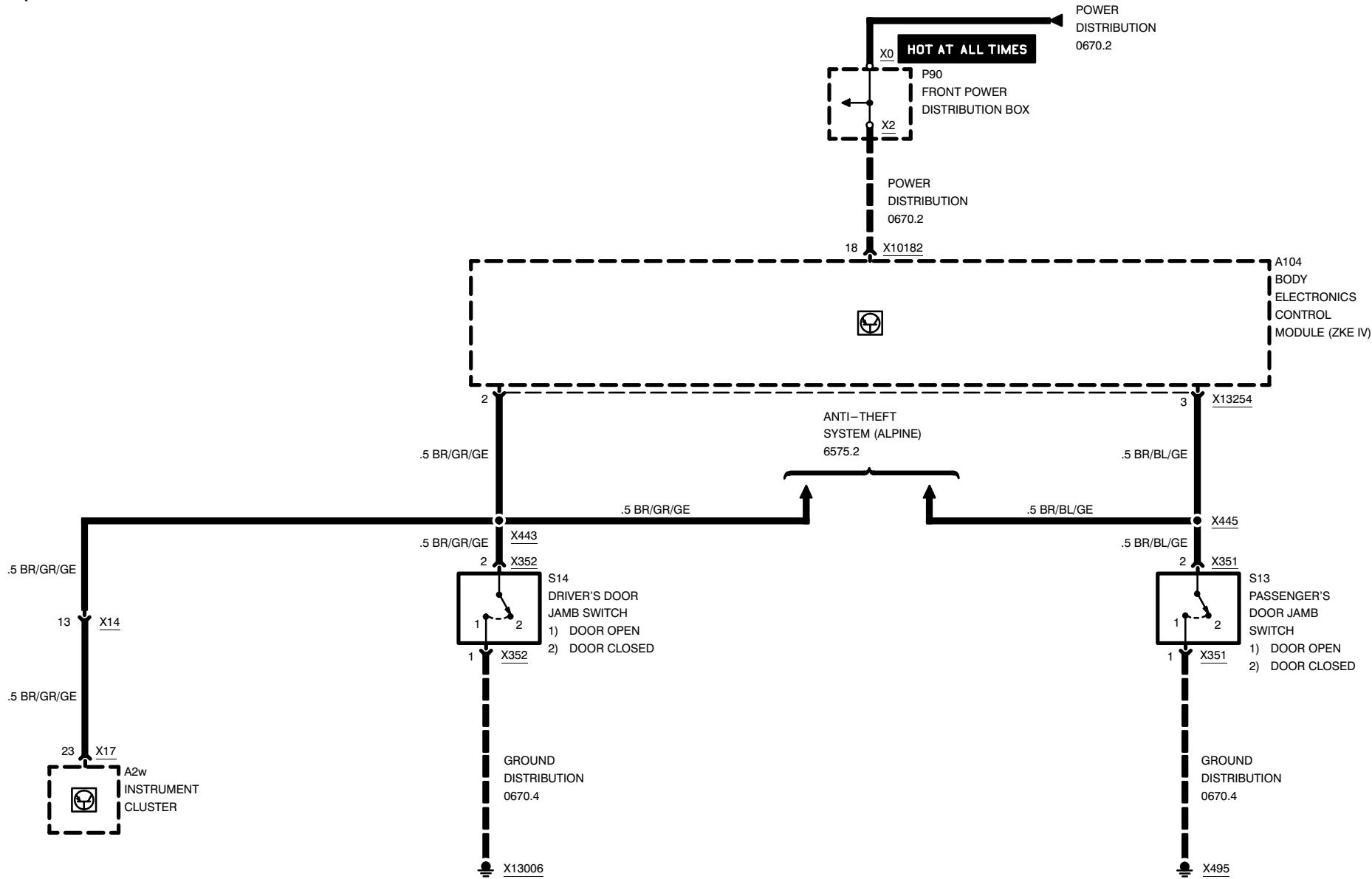
ZKE

03/98

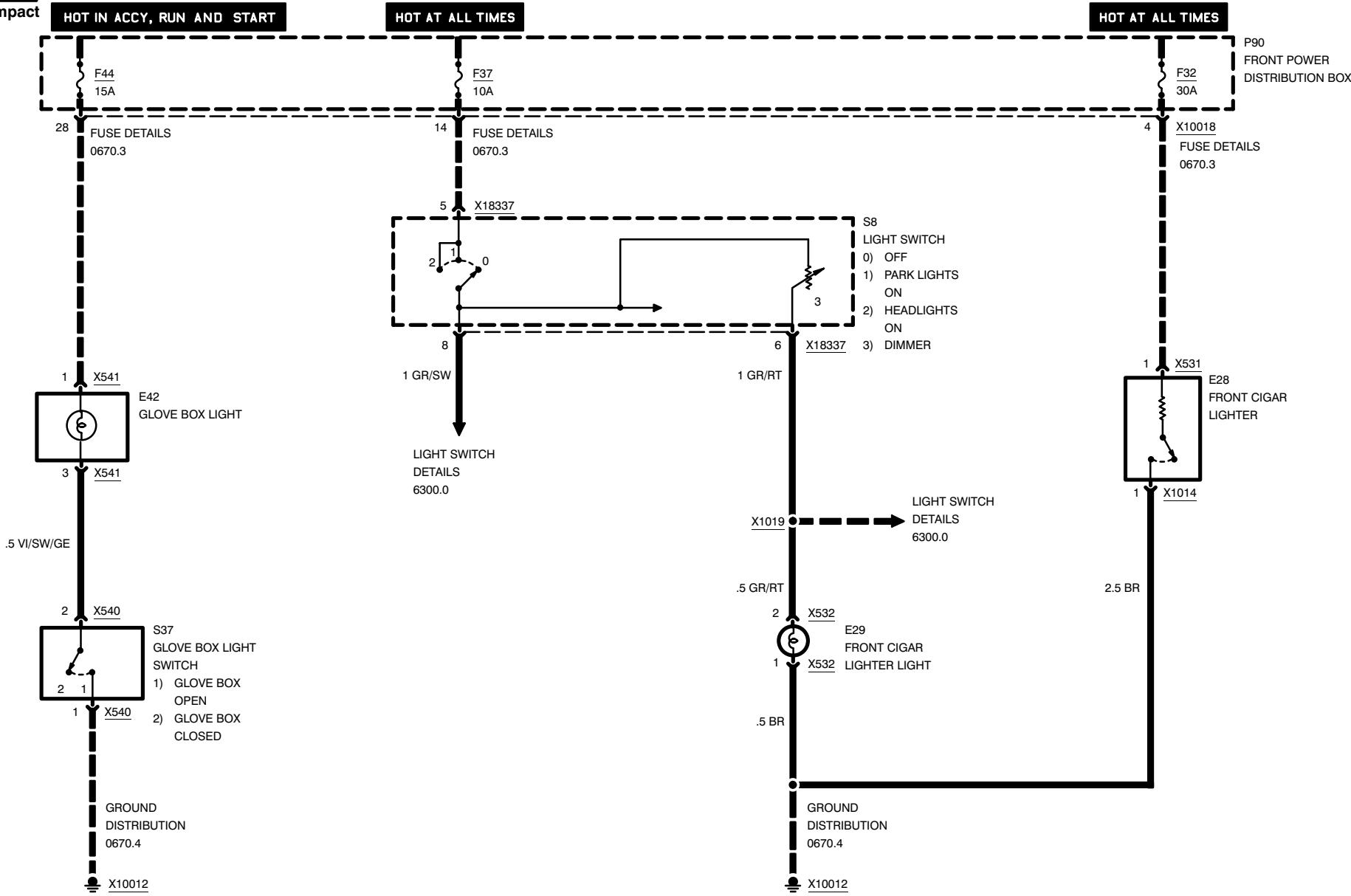
6330.3-00

1997





INTERIOR ACCESSORIES

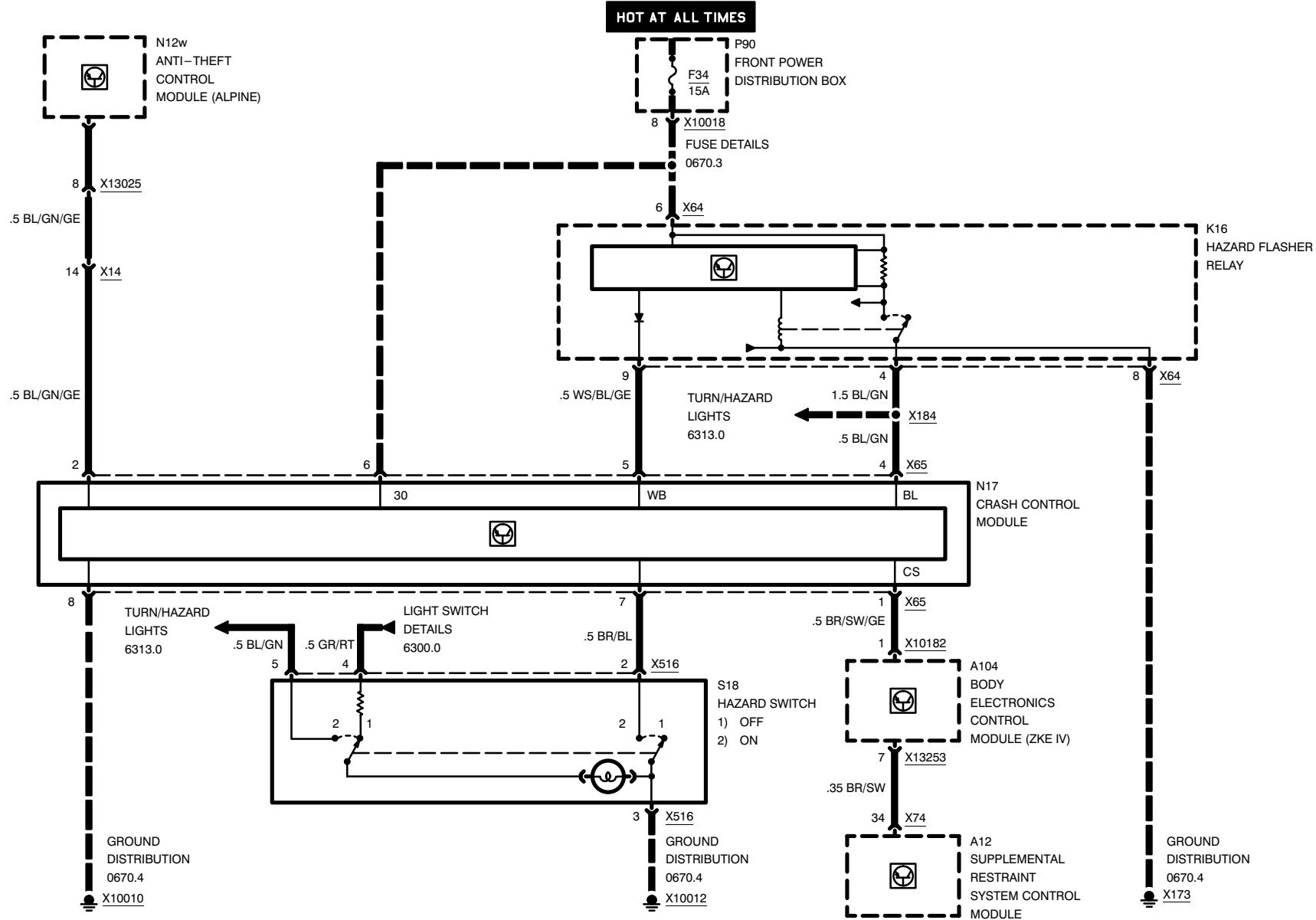


CRASH CONTROL MODULE

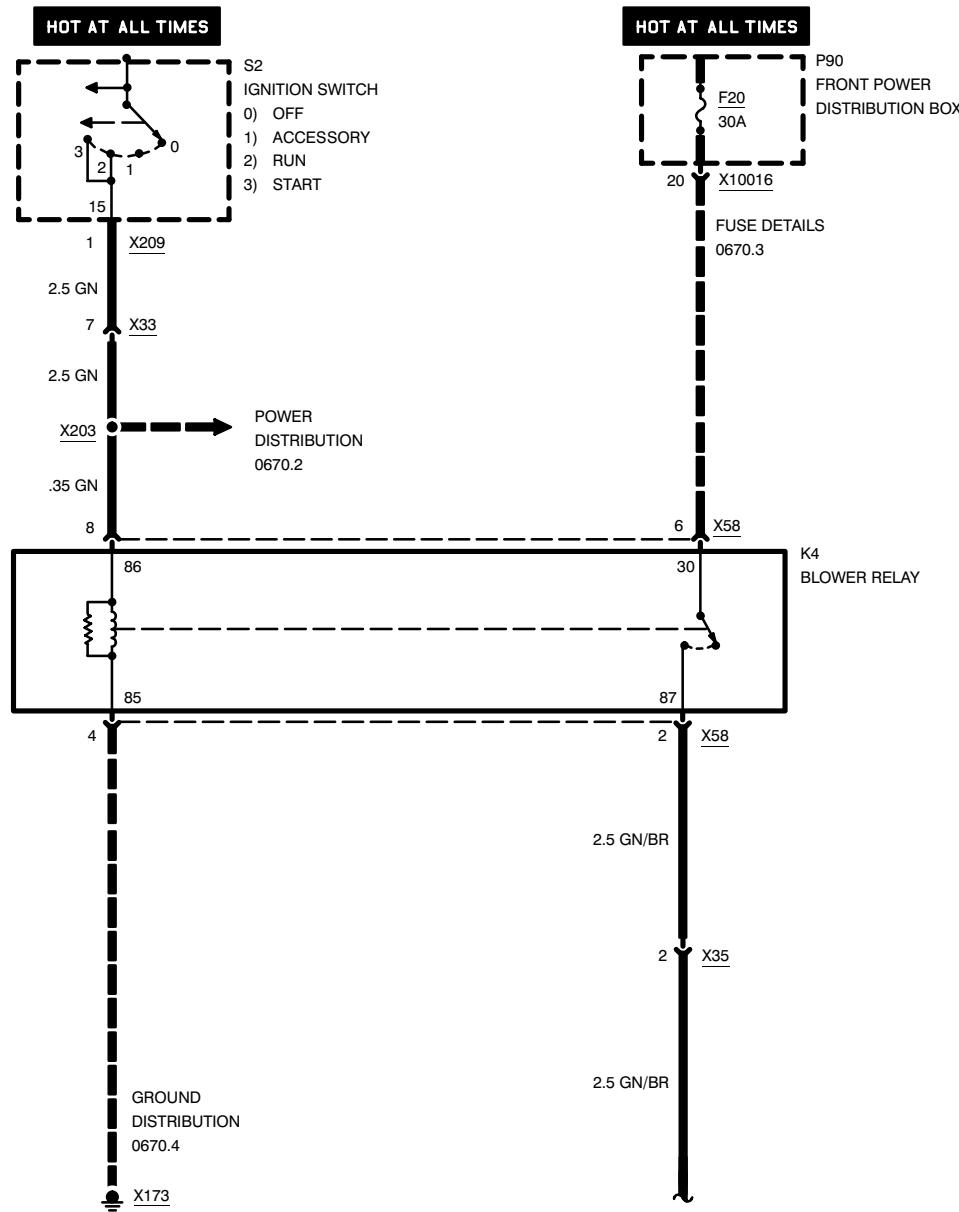
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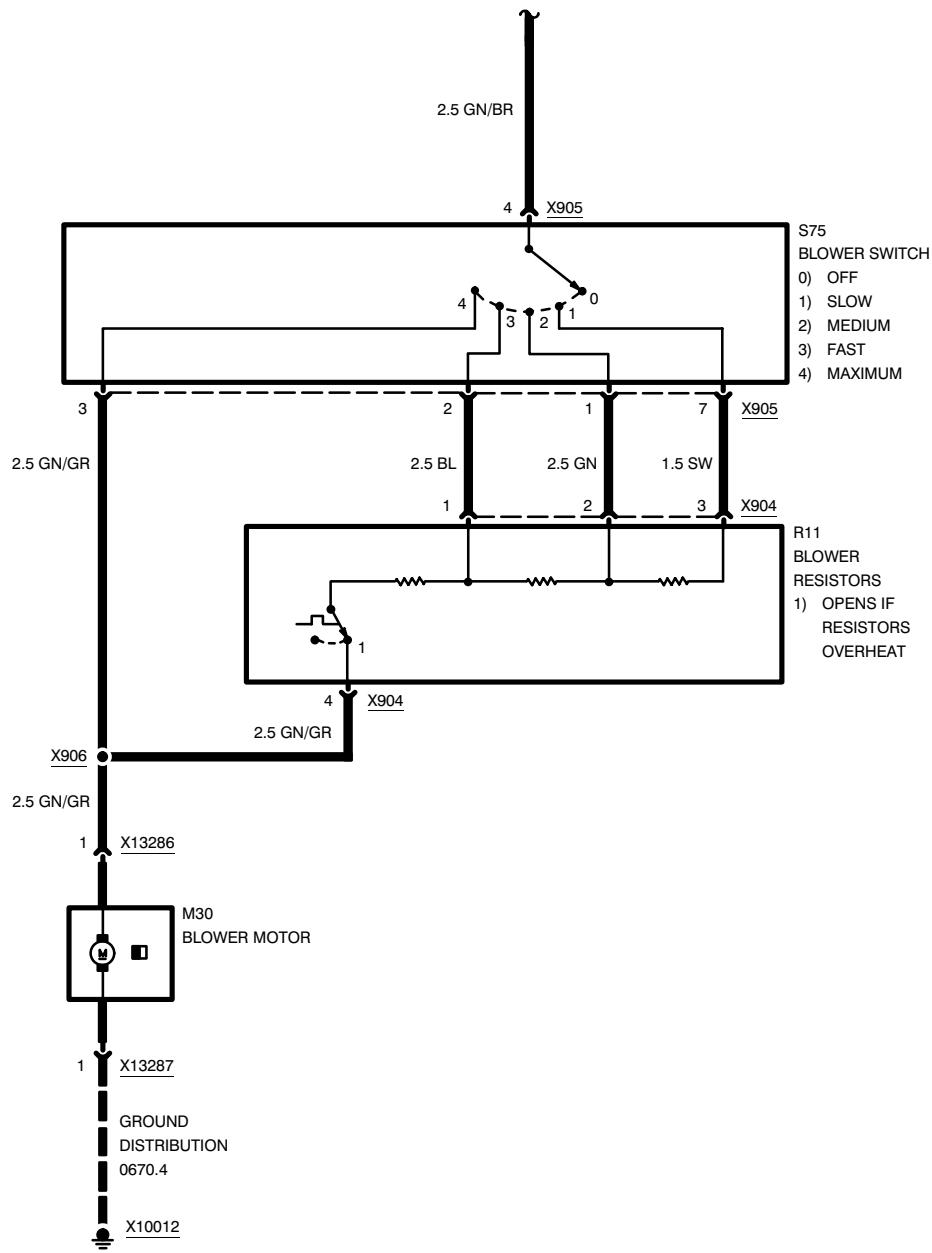
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1997

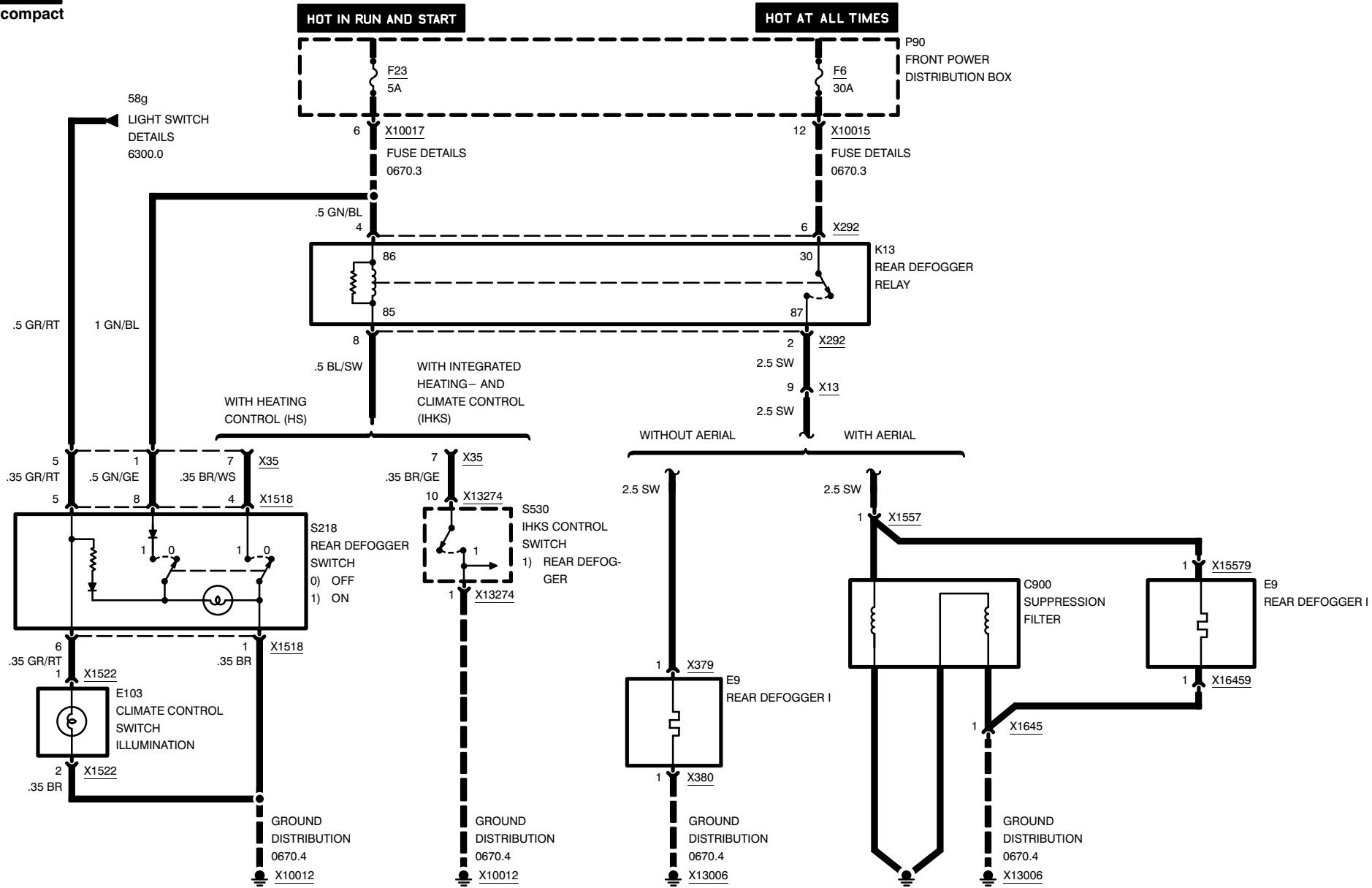


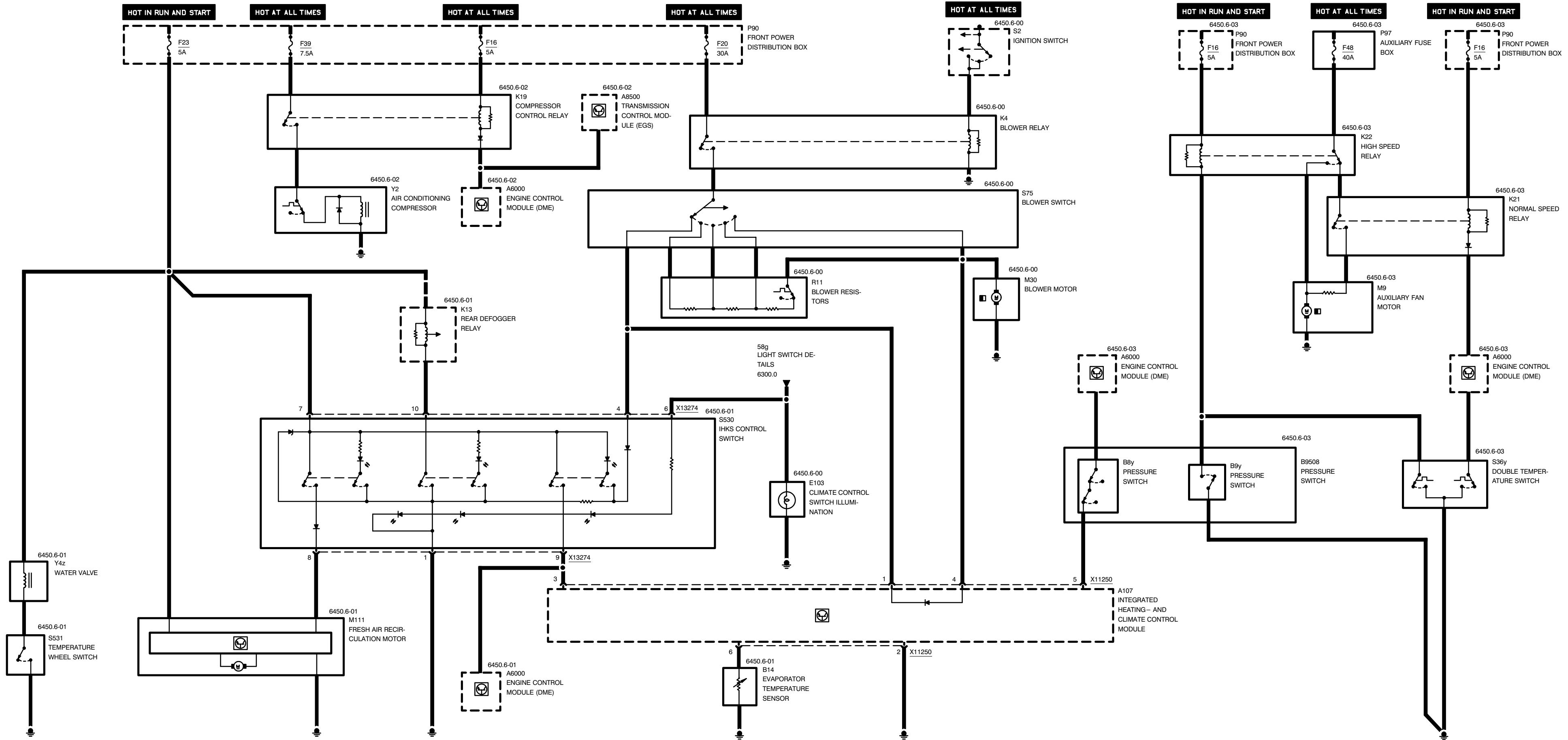
HEATING CONTROL (HS)





REAR WINDOW DEFOGGER







Pin Assignments

X11250 6-Pins, black

X13274 10-Pins, black

X11250

Pin	Type	Description/Function	Connection
1	E	Air circulation signal	Blower switch
2	M	Ground	Ground point
3	E	Function signal	IHKs switch, engine control module (DME)
4	E	Air circulation signal	Blower switch
5	E	Pressure signal	Pressure switch
6	E	Evaporative temperature	Evaporative temperature sensor

X13274

Pin	Type	Description/Function	Connection
1	M	Ground	Ground point
2		Not used	
3		Not used	
4	E	Air circulation signal	Blower switch
5		Not used	
6	E	Terminal 58g	Light switch
7	E	Terminal 15	Front power distribution box, fuse 23
8	A	Air recirculation signal	Fresh air recirculation motor
9	A	Function signal	IHKs control module, engine control module (DME)
10	A	Rear defogger signal	Rear window defogger relay

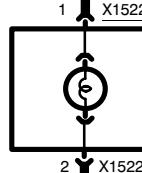
E = Input, A = Output, M = Ground

INTEGRATED HEATING – AND CLIMATE CONTROL

POWER, AIR FLOW CONTROL

58g
LIGHT SWITCH
DETAILS
6300.0

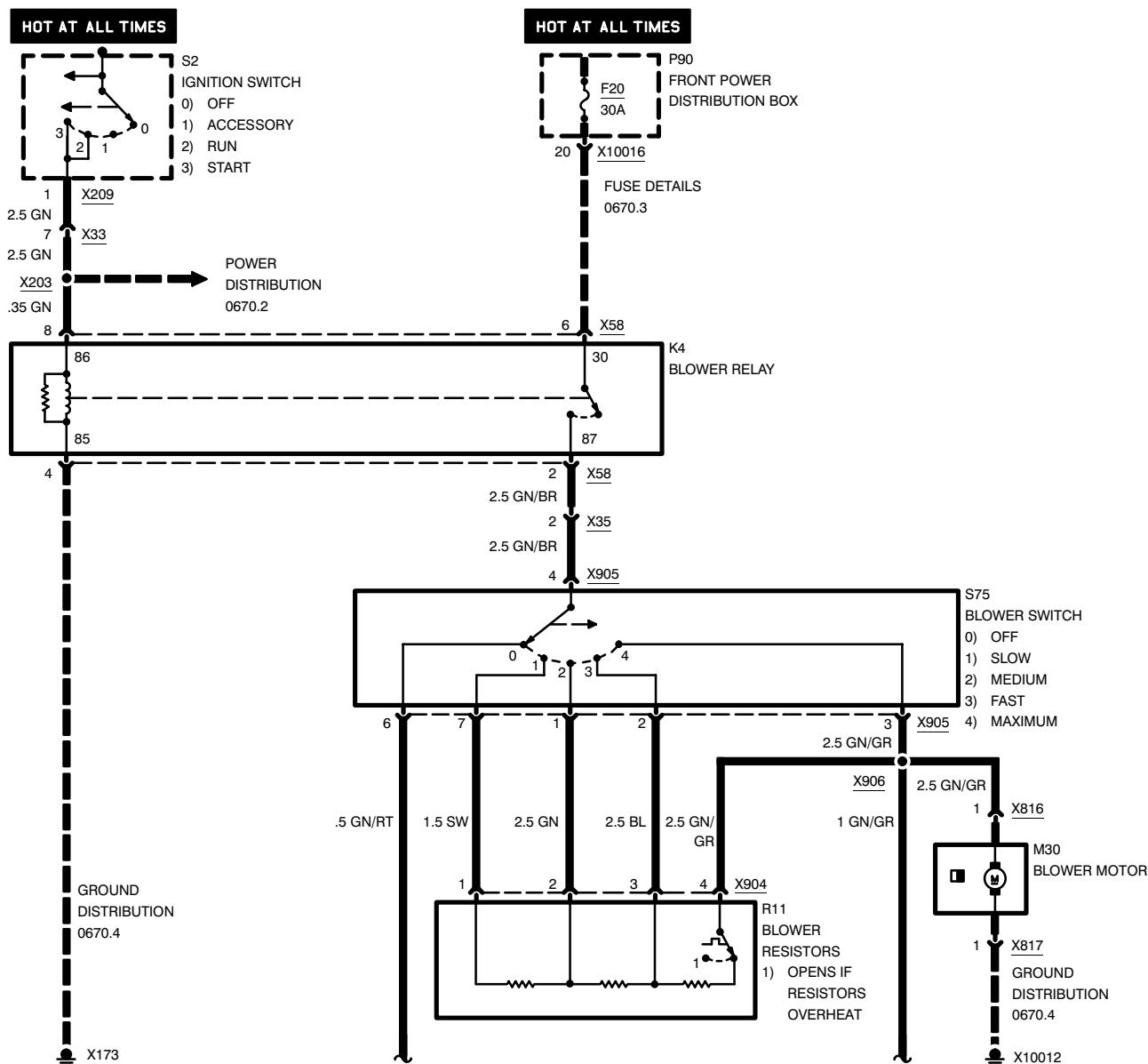
.5 GR/RT

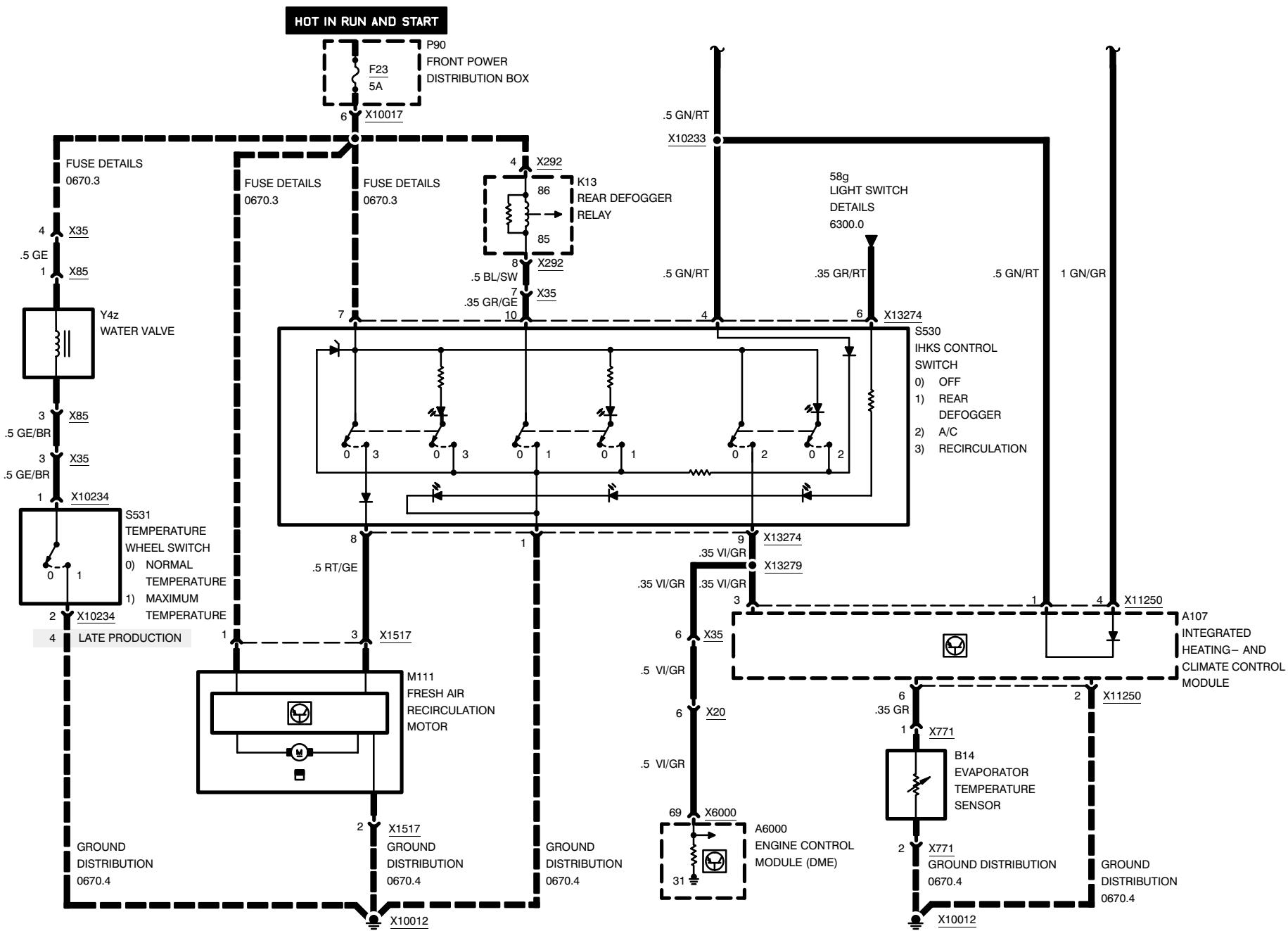


E103
CLIMATE CONTROL
SWITCH ILLUMINATION

GROUND
DISTRIBUTION
0670.4

X10012





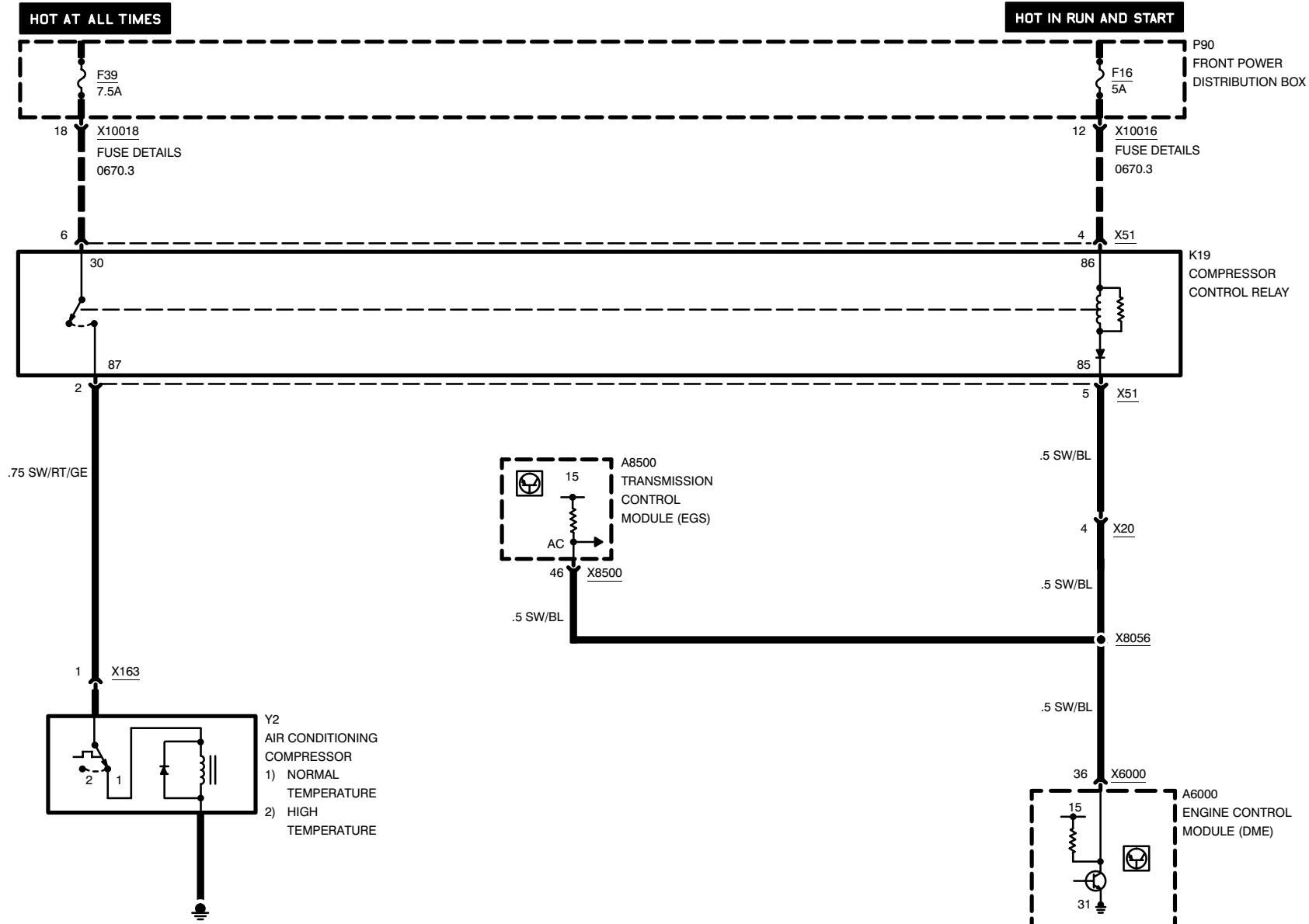
INTEGRATED HEATING – AND CLIMATE CONTROL

COMPRESSOR CONTROLS

03/98

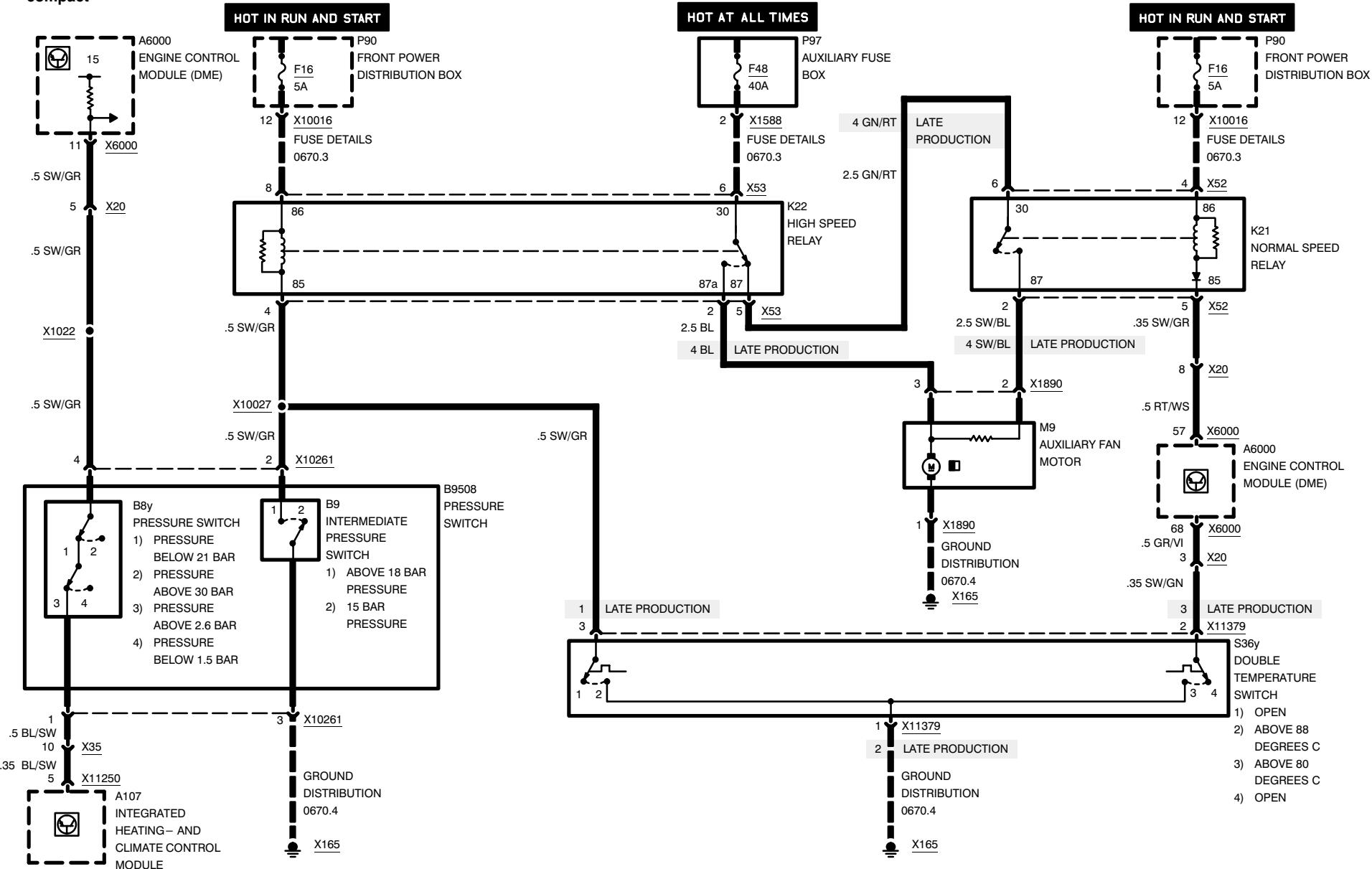
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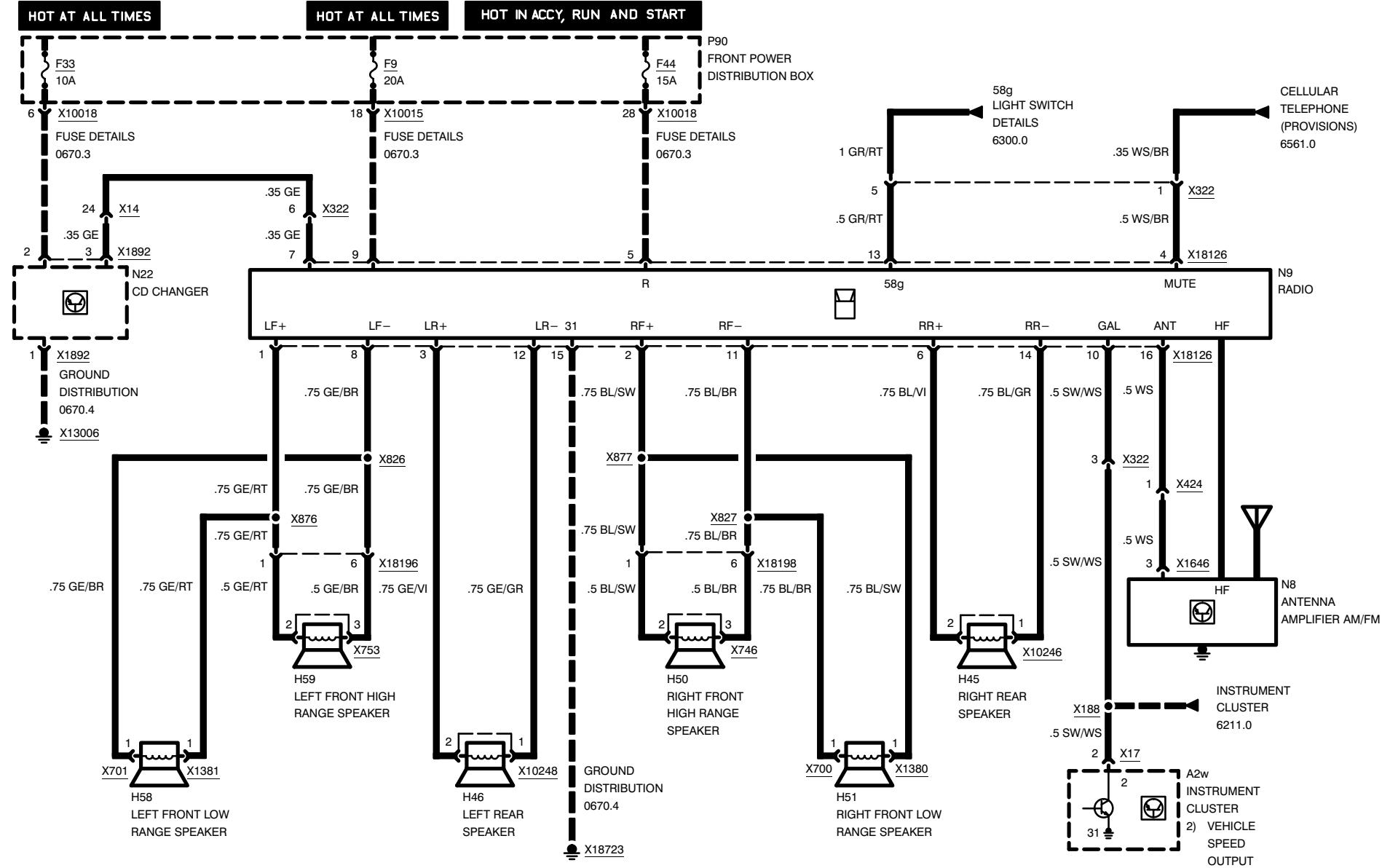
1997

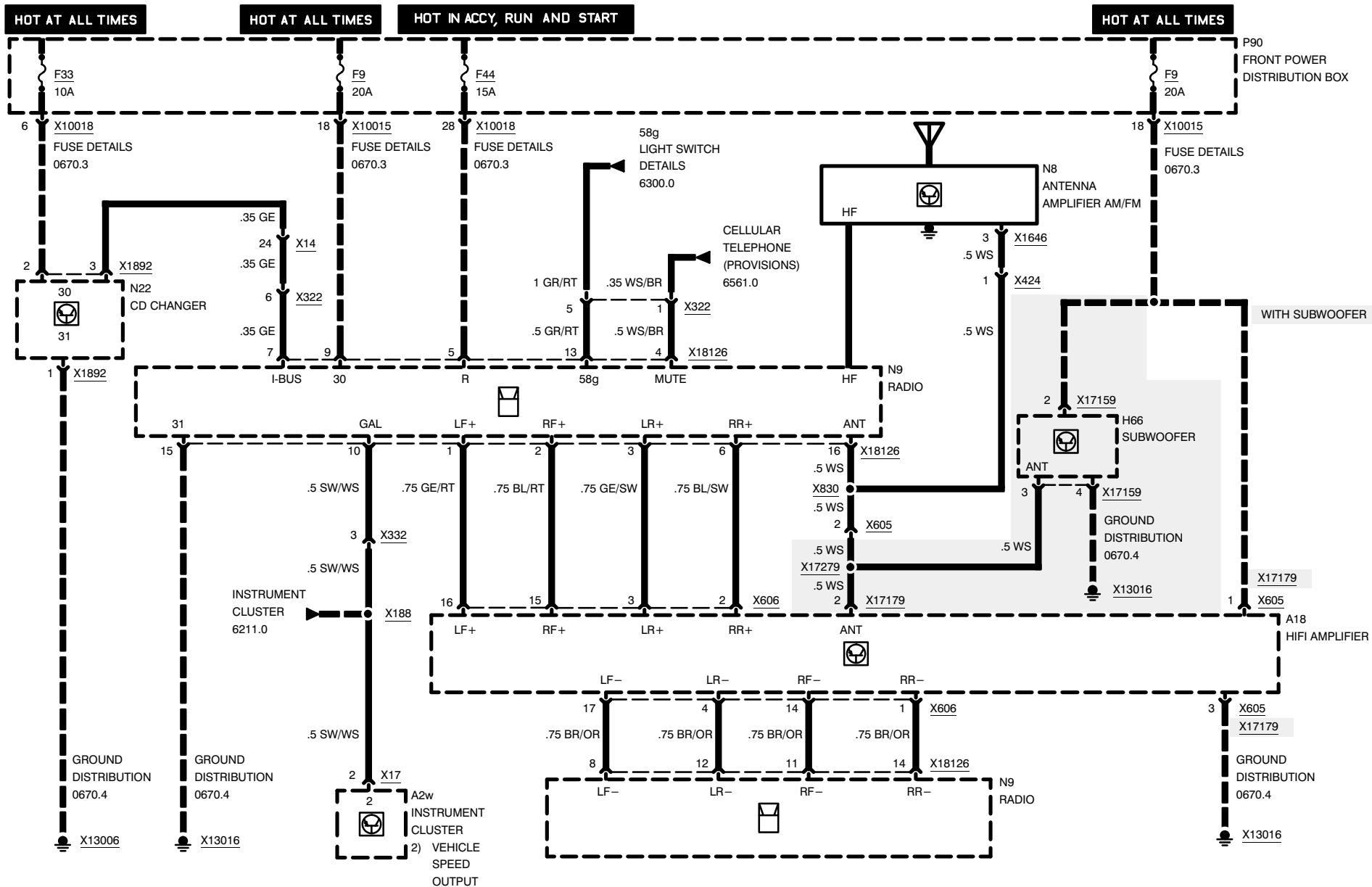


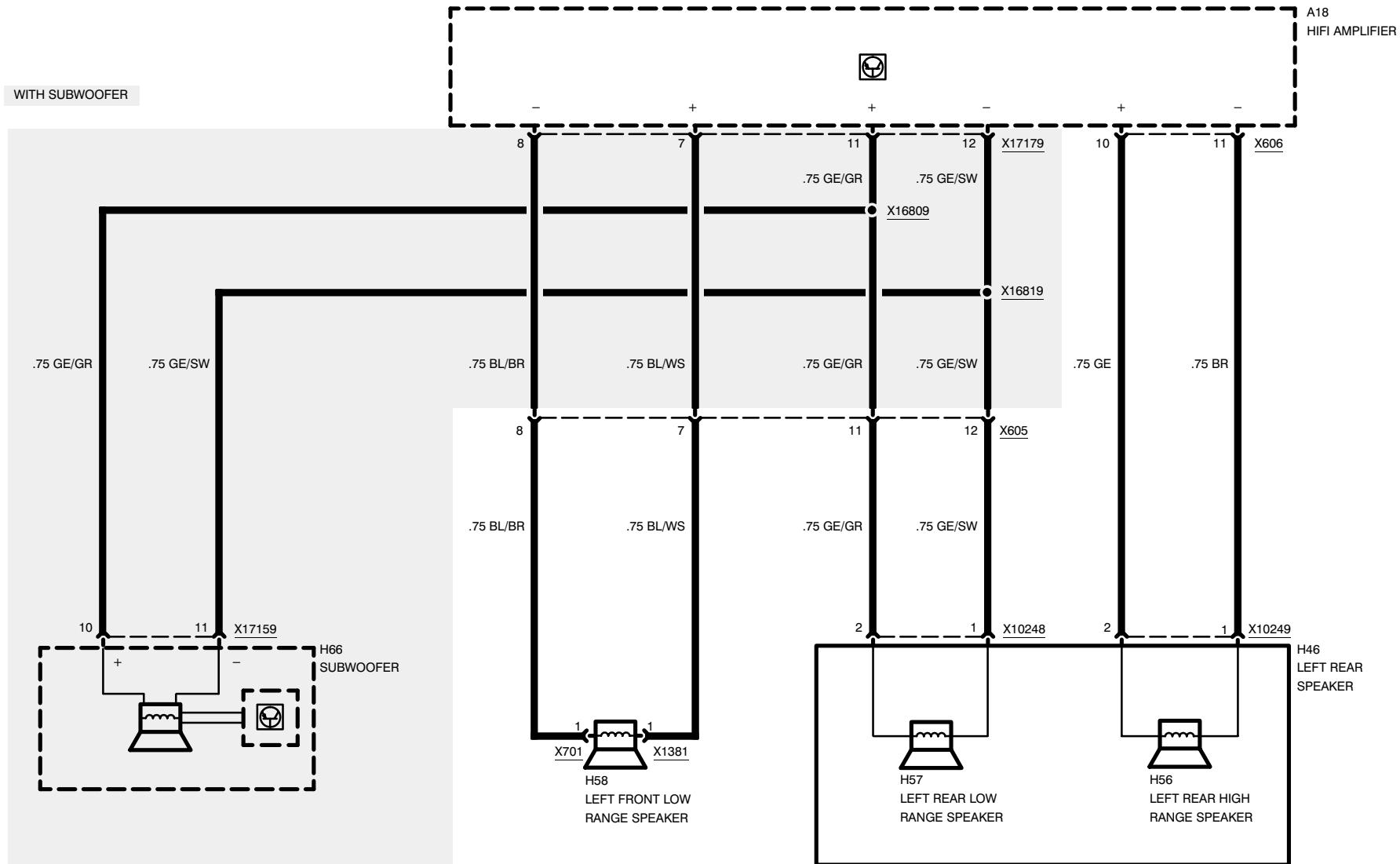
INTEGRATED HEATING – AND CLIMATE CONTROL

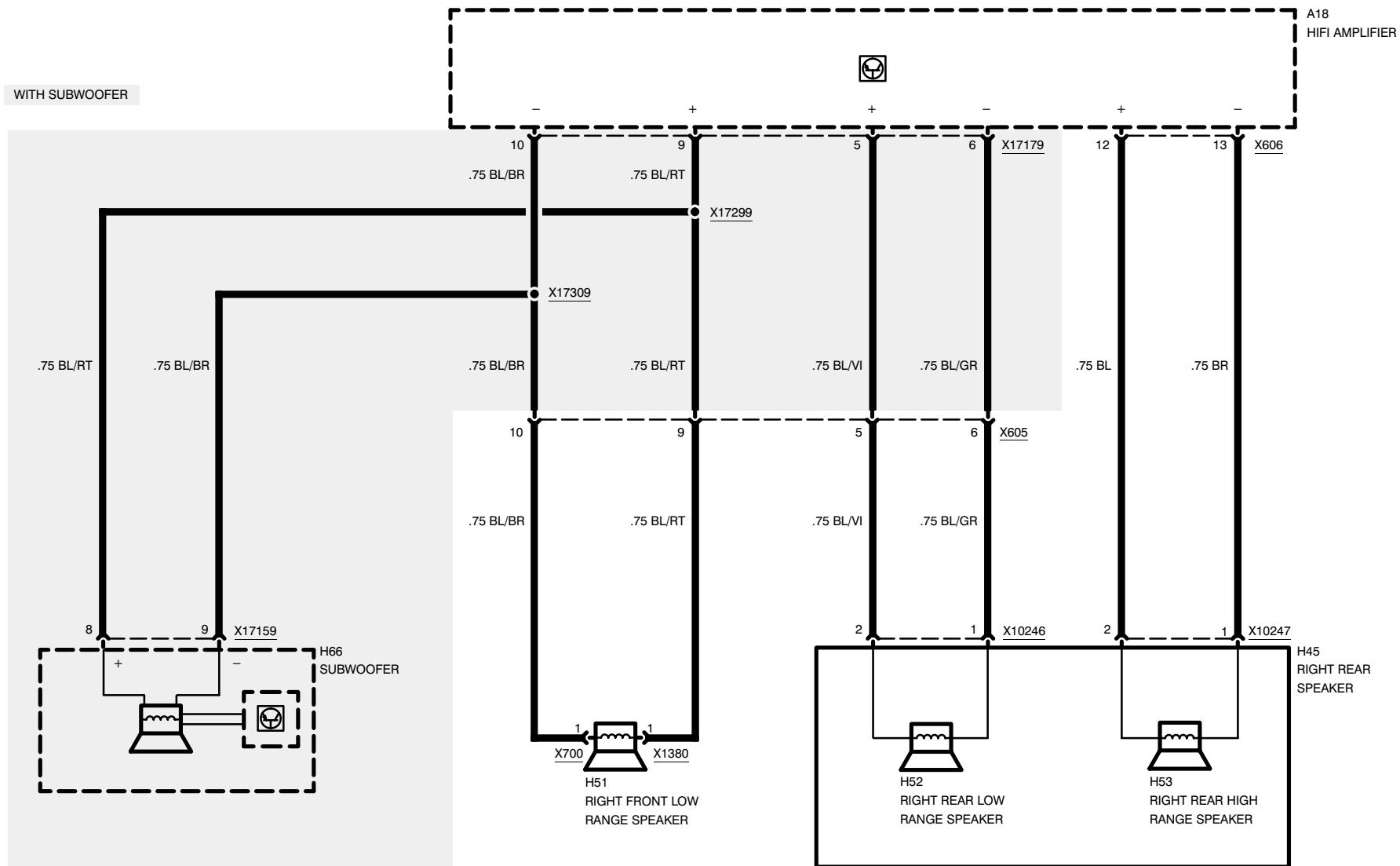
AUXILIARY FAN

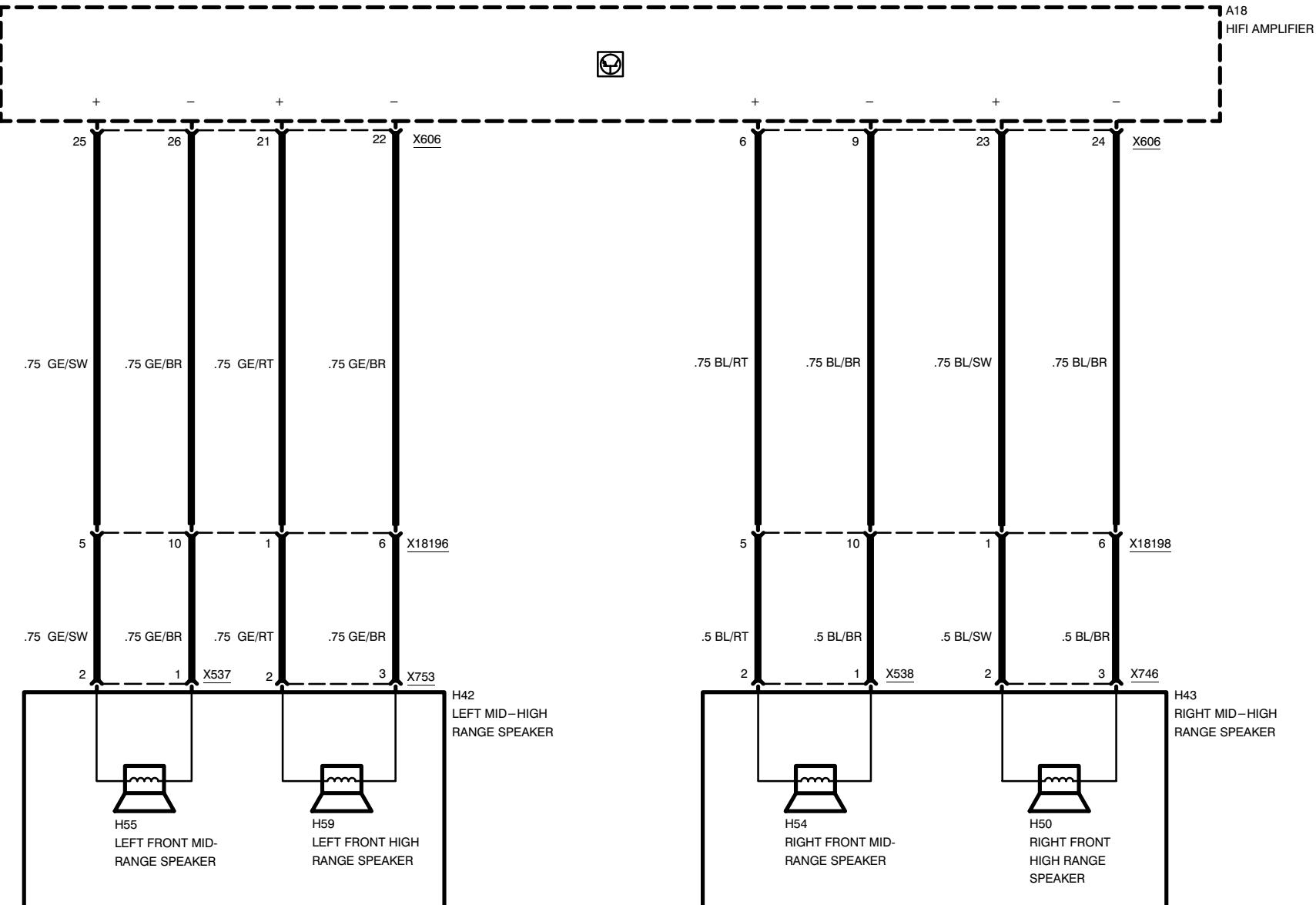










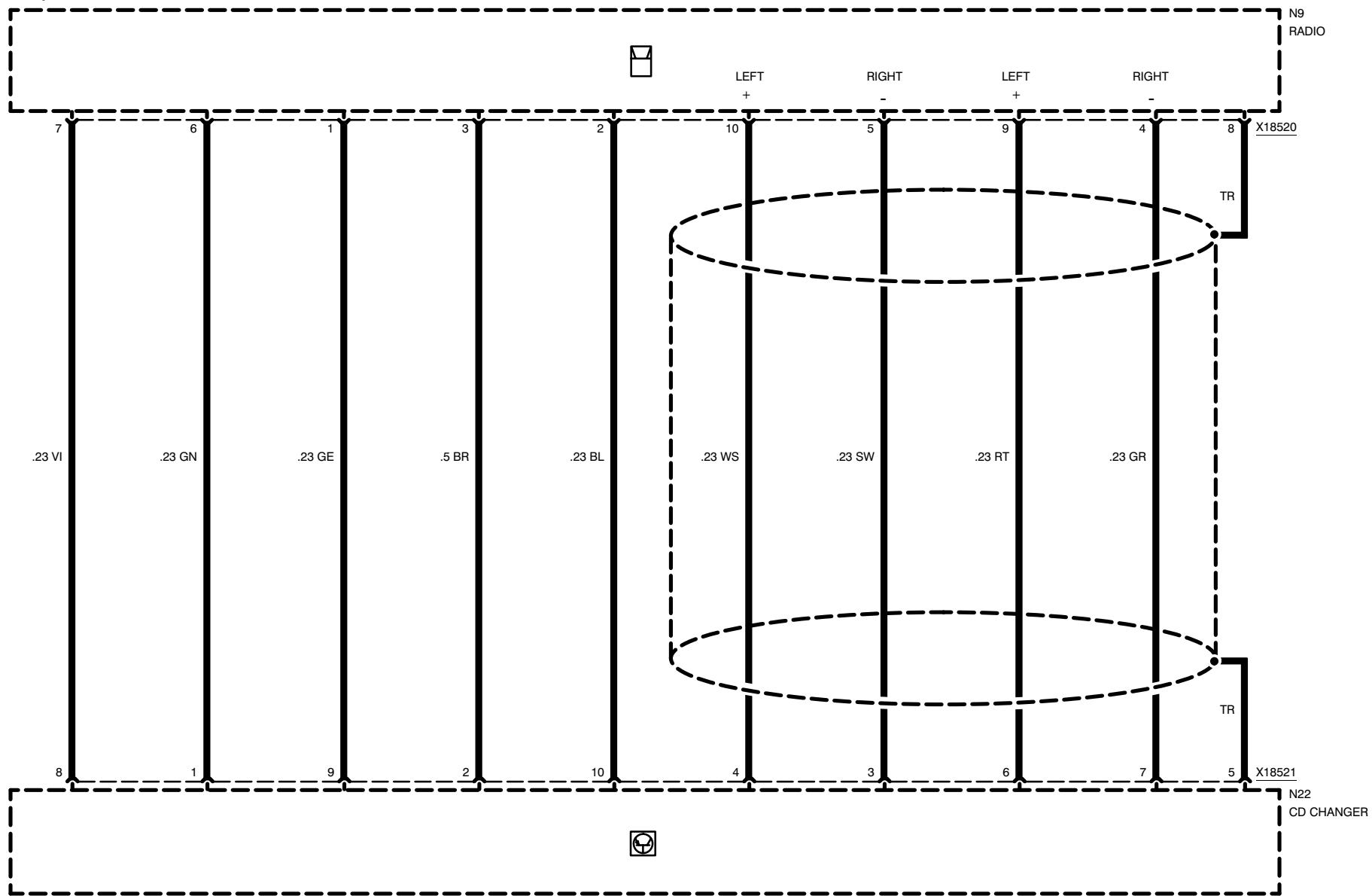




RADIO/HIFI

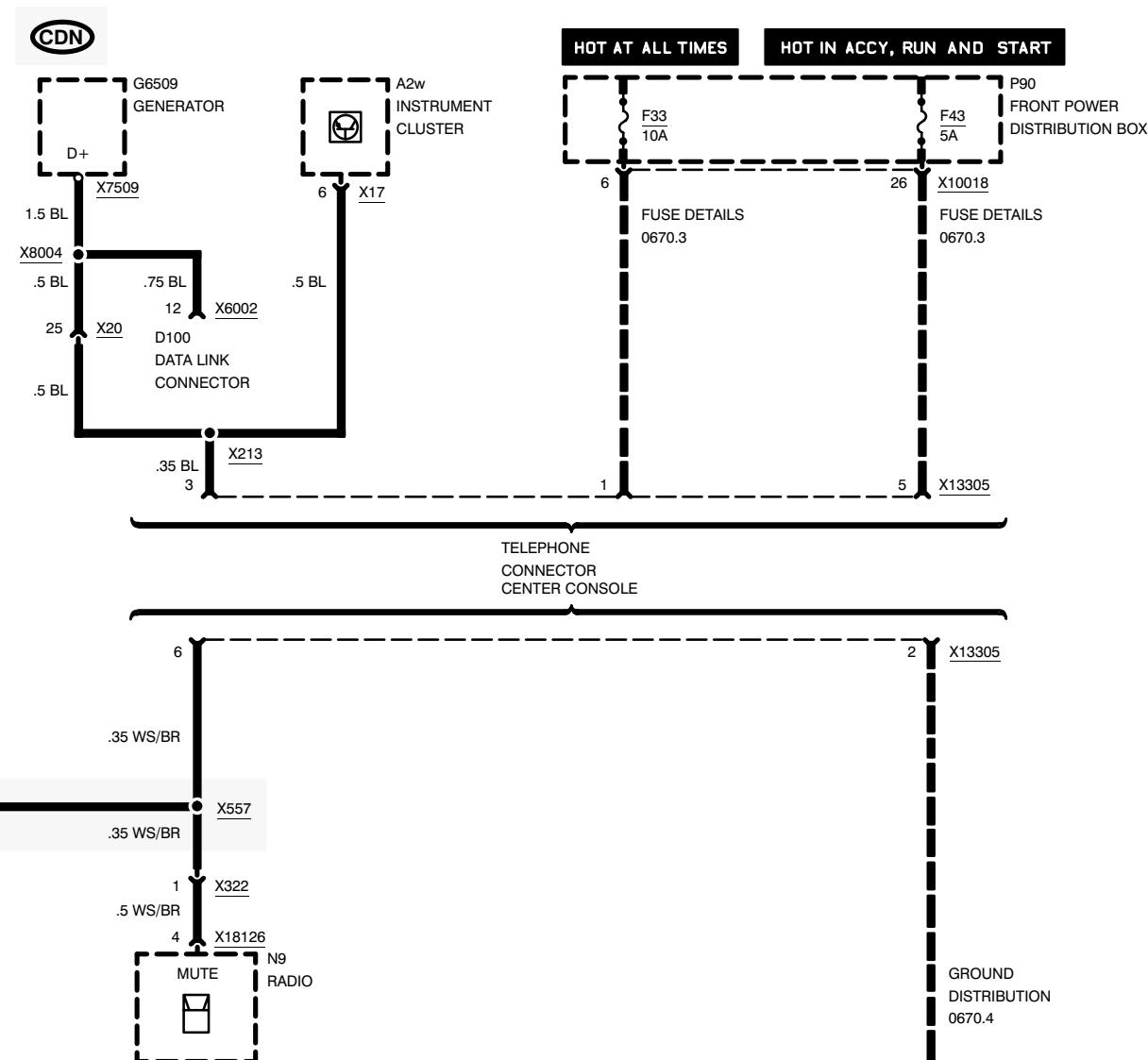
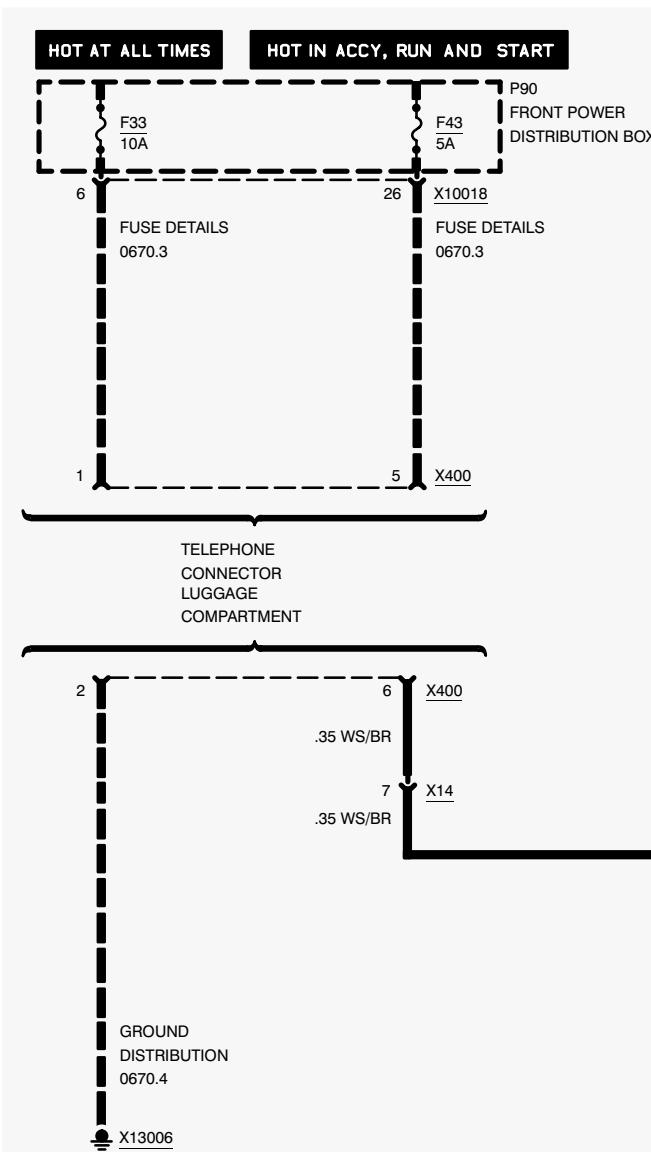
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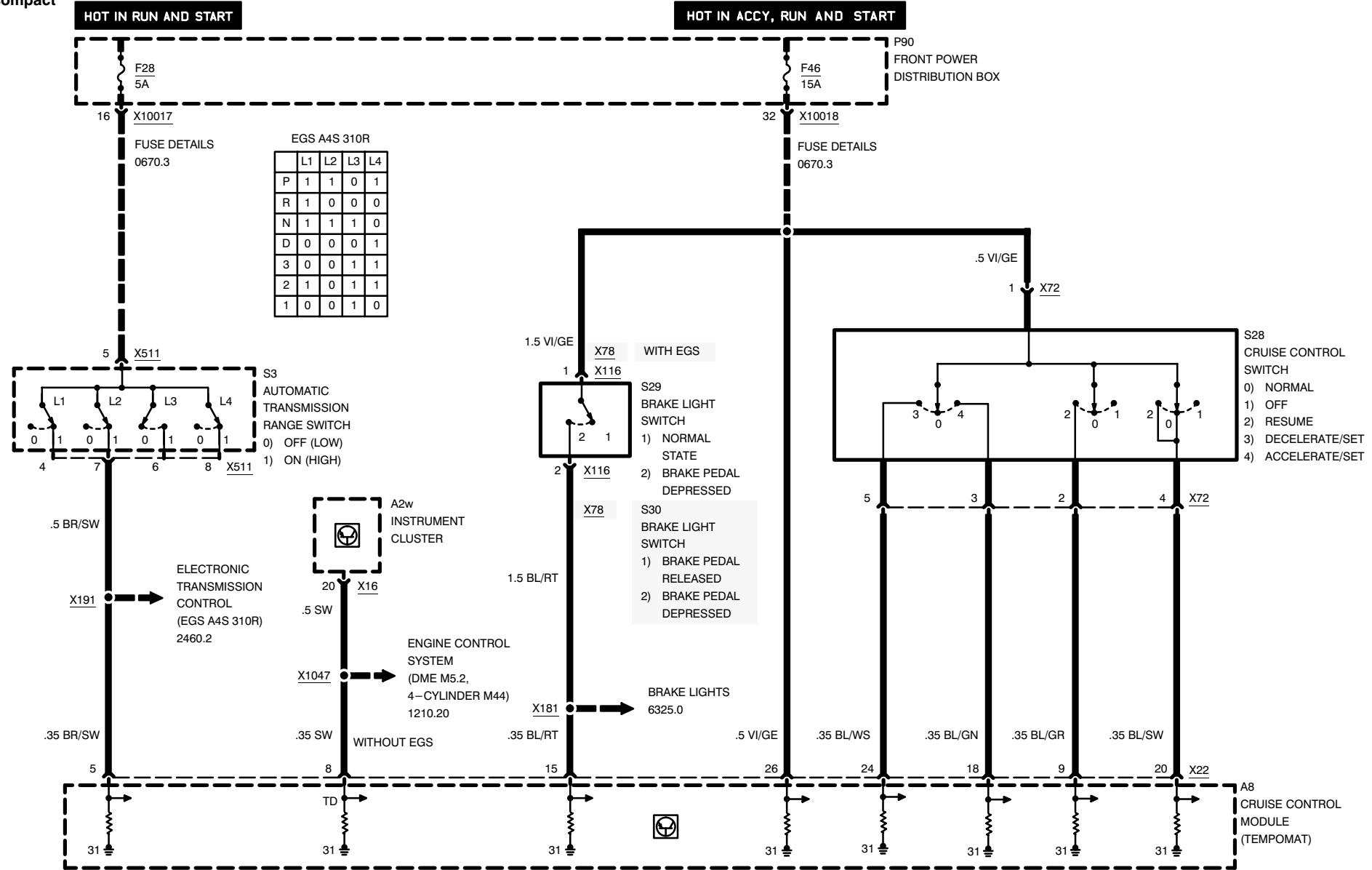


CELLULAR TELEPHONE (PROVISIONS)

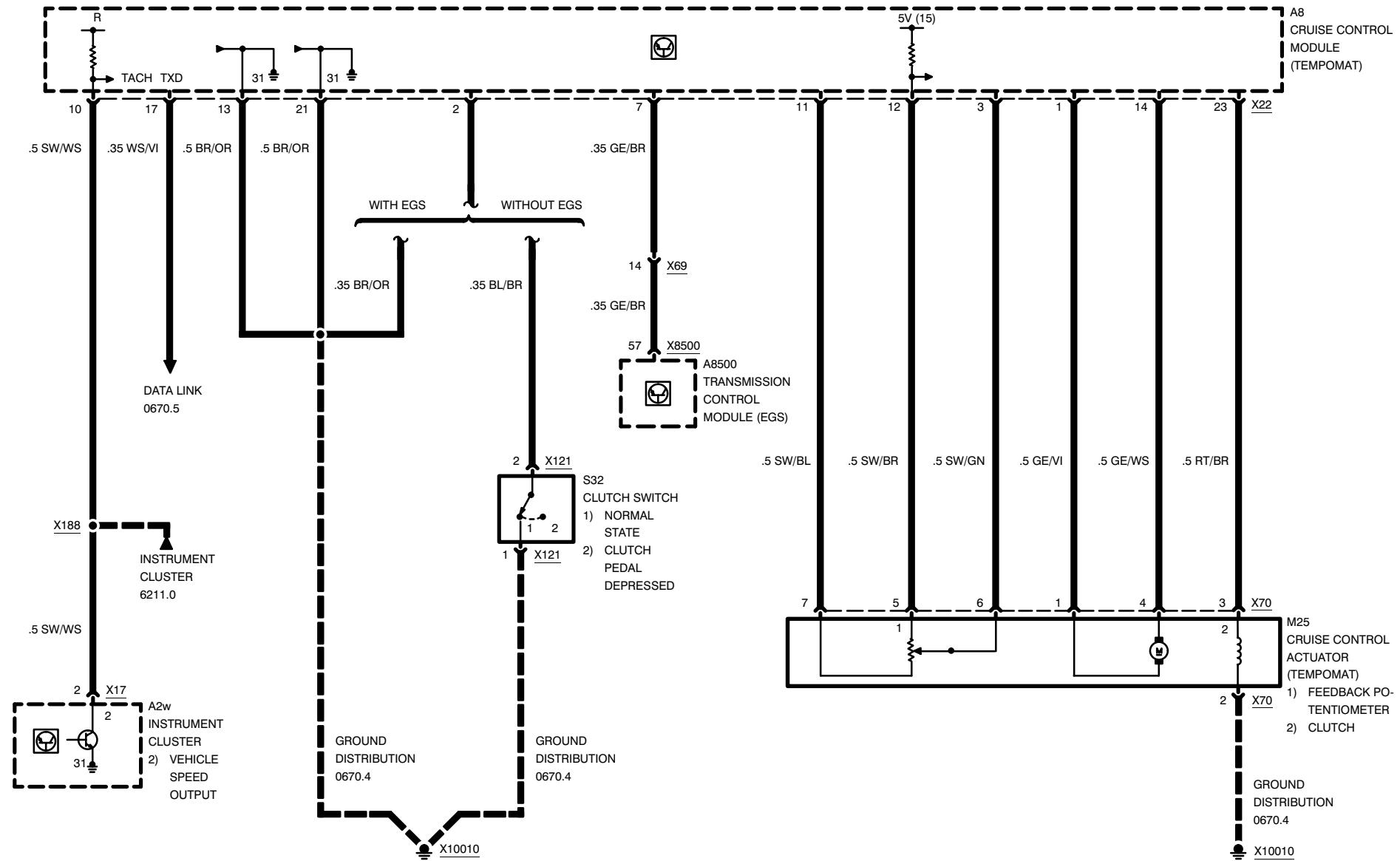
PROVISIONS



CRUISE CONTROL (TEMPOMAT)



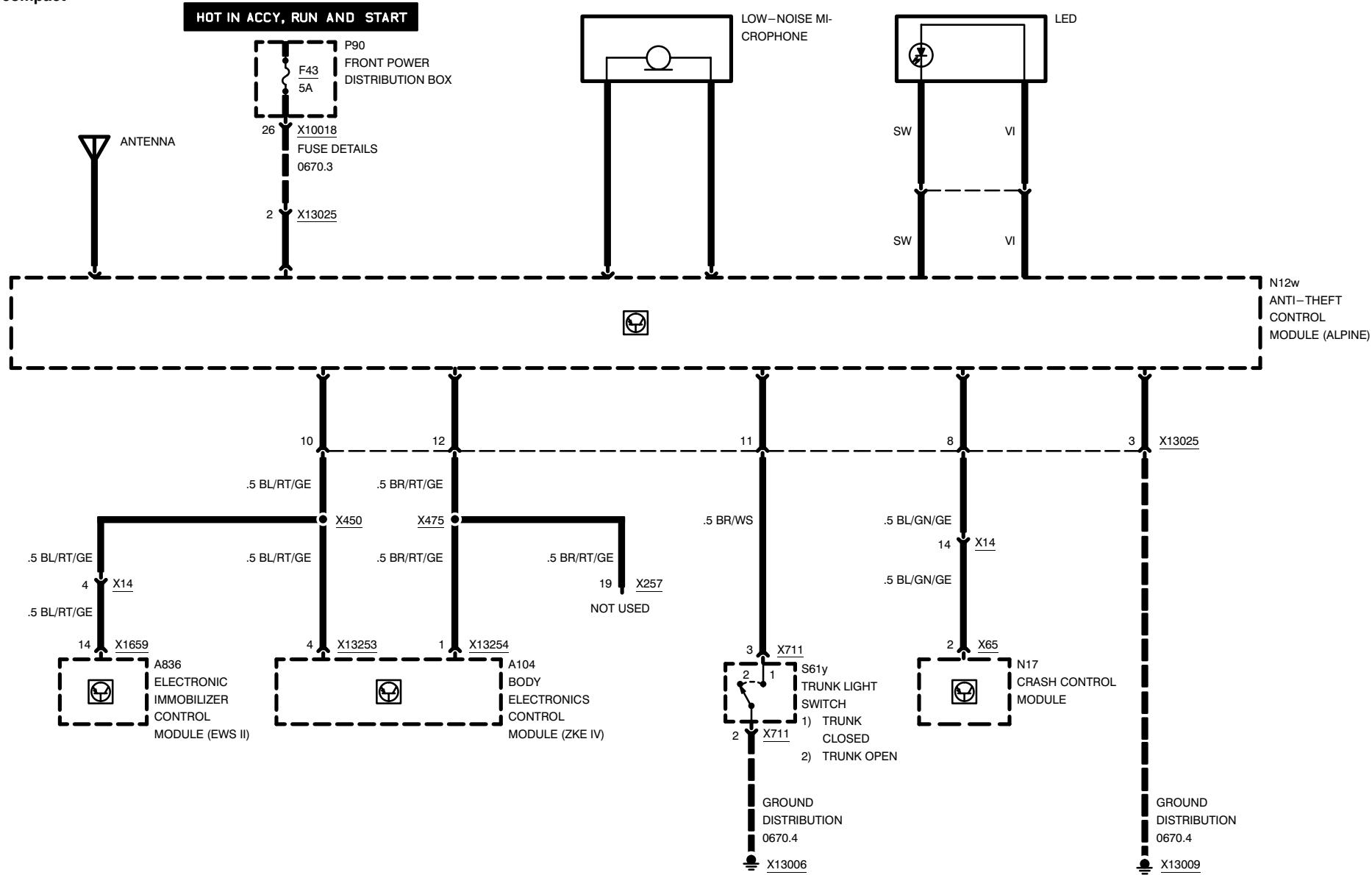
CRUISE CONTROL (TEMPOMAT)



ANTI-THEFT SYSTEM (ALPINE)

03/98

6575.2-00

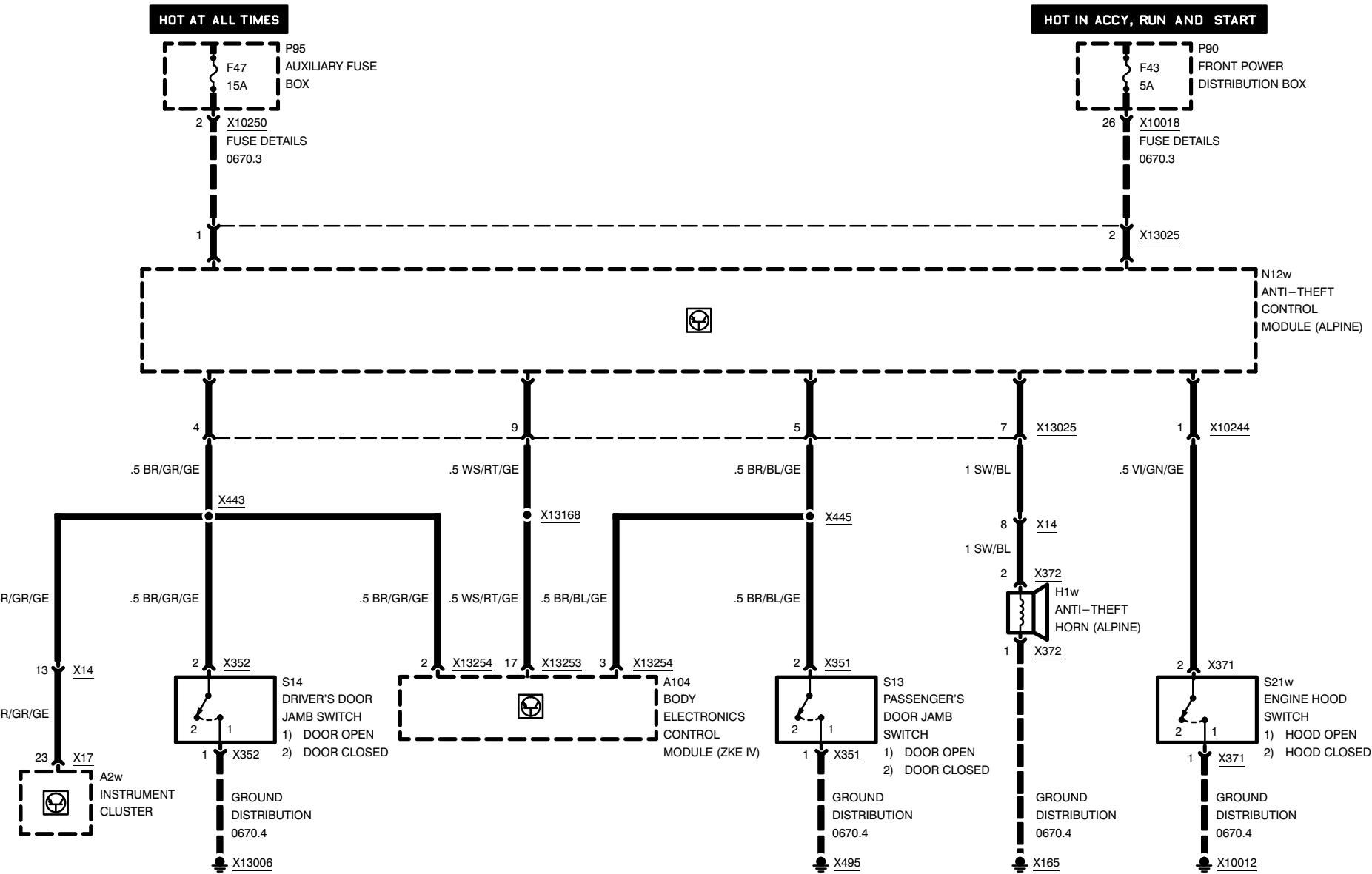


ANTI-THEFT SYSTEM (ALPINE)

03/98

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1997

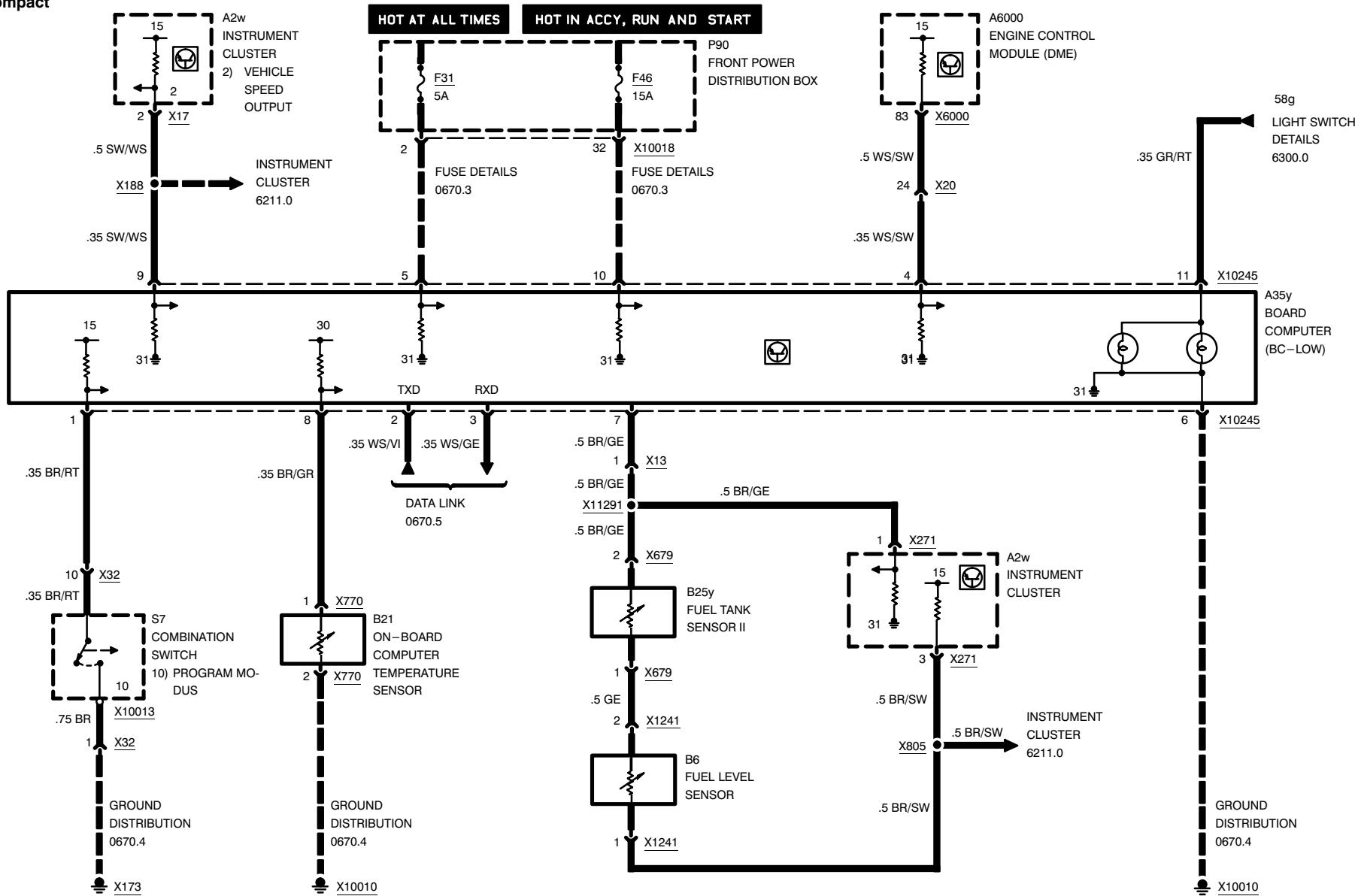


BOARD COMPUTER (BC-LOW)

03/98

6581.3-00

1997





COMPONENT LOCATION CHART

03/98

7000.0-0

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
A2w ..	INSTRUMENT CLUSTER	LH side of dash	17-3	
A8	CRUISE CONTROL MODULE (TEMPOMAT)	behind glove box	01-2	
A12 ...	SUPPLEMENTAL RESTRAINT SYSTEM CONTROL MODULE	below rear seat	01-3	
A18 ...	HIFI AMPLIFIER	in LH side of luggage compartment behind trim panel	00-2	
A35y ..	BOARD COMPUTER (BC-LOW)	center of dash center console		
A36 ...	REAR WIPER/WASHER INTERVAL CONTROL MODULE	in lift gate	02-1	
A51 ...	WIPER/WASHER MODULE	behind glove box	02-3	
A52 ...	SLIP CONTROL MODULE (ABS/ASC) ..	behind glove box	01-2	
A56 ...	SUNROOF CONTROL ASSEMBLY	in roof panel	00-3	
A64 ...	WIPER/WASHER MODULE (LOW II) ...	behind glove box	02-3	
A104 ..	BODY ELECTRONICS CONTROL MODULE (ZKE IV)	behind glove box	01-1	
A107 ..	INTEGRATED HEATING- AND CLIMATE CONTROL MODULE	center of dash center console	24-2	
A110 ..	DIGITAL CLOCK	center of dash center console		
A113 ..	SEAT OCCUPANCY DETECTOR	under RH front seat		
A202 ..	ABS CONTROL MODULE/HYDRAULIC UNIT	rear LH side of engine compartment back of LH side shock tower		
A835 ..	TRANSMITTER MODULE (EWS II)	LH side of steering column	02-2	

1997

COMPONENT LOCATION CHART

A836 . .	ELECTRONIC IMMOBILIZER CONTROL MODULE (EWS II)	under glove box	01-2
A6000	ENGINE CONTROL MODULE (DME) ..	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	06-3
B2 . . .	LEFT FRONT SPEED SENSOR – ABS .	on LH front wheel, above brake caliper	06-3
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	13-1
B8y . . .	PRESSURE SWITCH	near RH headlight assembly	
B9y . . .	PRESSURE SWITCH	near RH headlight assembly	
B10 .. .	VEHICLE SPEED SENSOR	on differential	26-1
B14 .. .	EVAPORATOR TEMPERATURE SENSOR	RH side of LH footwell	17-1
B16 .. .	LEFT FRONT BRAKE PAD SENSOR ..	on LH front wheel, above brake caliper	06-3
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	09-2
B21 .. .	ON-BOARD COMPUTER TEMPERATURE SENSOR	in the engine compartment lower LH side of engine compartment	14-1
B25y . . .	FUEL TANK SENSOR II	below RH side of rear seat	
B72 .. .	FUEL TANK PRESSURE SENSOR .. .	RH side of RH rear seat behind side panel	22-3

COMPONENT LOCATION CHART

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	08-1
B6205	INTAKE AIR TEMPERATURE SENSOR .	LH side of engine (near oil level stick)	09-3
B6209	HALL EFFECT CAMSHAFT SENSOR ..	front of engine	10-2
B6217	HOT FILM AIR MASS METER	top front of engine	09-3
B6231	OIL PRESSURE SWITCH	RH front of engine below intake manifold	10-1
B6232	ENGINE COOLANT TEMPERATURE SENSOR	behind RH fresh air cowl below intake manifold	28-1
B6240	KNOCK SENSOR	LH side of engine	26-2
B9508	PRESSURE SWITCH	near RH headlight assembly	08-3
B62001	OXYGEN SENSOR (IN FRONT OF CATALYTIC CONVERTER)	under center of car	25-1
B62002	OXYGEN SENSOR (BEHIND CATALYTIC CONVERTER)	under center of car	26-3
C101 ..	CONTACT RING	top of steering column	16-1
C900 ..	SUPPRESSION FILTER	in lift gate	
D100 ..	DATA LINK CONNECTOR	rear LH side of engine compartment	09-2
D110 ..	OBD II CONNECTOR	center console right	24-3
E7	LEFT HEADLIGHT	front LH side of engine compartment	
E8	RIGHT HEADLIGHT	front RH side of engine compartment	
E9	REAR DEFOGGER I	on lift gate	

COMPONENT LOCATION CHART

03/98

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1997

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	
E26 ... LEFT FOG LIGHT	under LH front bumper	06-2
E27 ... RIGHT FOG LIGHT	under RH front bumper	06-2
E28 ... FRONT CIGAR LIGHTER	center console	
E29 ... FRONT CIGAR LIGHTER LIGHT	center console	
E32z ... REAR CENTER INTERIOR LIGHT	in roof panel	
E34 ... FRONT DOME LIGHT/MAP READING ASSEMBLY	in roof panel	00-3
E35 ... DRIVER'S MAKE-UP MIRROR LIGHT	in sun visor	24-1
E36 ... PASSENGER'S MAKE-UP MIRROR LIGHT	in sun visor	15-1
E42 ... GLOVE BOX LIGHT	RH side of glove box	
E43 ... LEFT LICENSE PLATE LIGHT	underside of trunk lid, near license plate	07-1
E44 ... RIGHT LICENSE PLATE LIGHT	underside of trunk lid, near license plate	07-1
E46 ... LEFT TRUNK LIGHT ASSEMBLY	in LH rear side of luggage compartment	
E47 ... RIGHT TRUNK LIGHT ASSEMBLY	in RH rear side of luggage compartment	
E51 ... LEFT WASHER JET HEATER	on underside of engine hood	

COMPONENT LOCATION CHART

E52 ...	RIGHT WASHER JET HEATER	on underside of engine hood	
E56 ...	DRIVER'S SEATBACK HEATER	in upper LH front seatback	
E57 ...	DRIVER'S SEAT HEATER	under LH front seat	
E58 ...	PASSENGER'S SEAT HEATER	underside of RH front seat	
E59 ...	PASSENGER'S SEATBACK HEATER ..	in upper RH front seatback	
E61 ...	LEFT FRONT FOOTWELL LIGHT	LH footwell	24-3
E62 ...	RIGHT FRONT FOOTWELL LIGHT ..	right footwell	
E82 ...	TRANSMISSION POSITION INDICATOR LIGHT	center console	
E97 ...	LIGHT SWITCH ILLUMINATION	on instrument cluster	
E98 ...	FOG LIGHT SWITCH ILLUMINATION ..	on instrument cluster	
E103 ..	CLIMATE CONTROL SWITCH ILLUMINATION	center console	
F97 ...	FUSIBLE LINK	rear of engine compartment	
G1 ...	BATTERY	rear RH side of engine compartment	03-3
G5 ...	DRIVER'S AIR BAG GAS GENERATOR ..	behind steering wheel	16-1
G6 ...	PASSENGER'S AIR BAG GAS GENERATOR	behind glove box above	18-3
G12 ..	DRIVER'S SIDE PYROTECHNICAL BELT TENSIONER	driver's seat right	
G13 ..	PASSENGER'S SIDE PYROTECHNICAL BELT TENSIONER	passenger's seat left	
G14 ..	LEFT SIDE AIR BAG GAS GENERATOR ..	in driver's door	

COMPONENT LOCATION CHART

G15 ..	RIGHT SIDE AIR BAG GAS GENERATOR	in passenger's door	
G6509	GENERATOR	front LH side of engine compartment	03-1
H1w ..	ANTI-THEFT HORN (ALPINE)	in RH front bumper	07-3
H2 ..	LEFT HORN	front of engine compartment	13-3
H3 ..	RIGHT HORN	front of engine compartment	13-3
H4 ..	RIGHT FRONT TURN LIGHT	RH front of vehicle	
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	LH front of vehicle	
H8 ..	RIGHT FRONT AUXILIARY TURN LIGHT	RH front of vehicle	
H9 ..	LEFT FRONT AUXILIARY TURN LIGHT .	LH front of vehicle	
H10 ..	CHIME MODULE	above LH footwell dash panel	24-3
H24 ..	LEFT BRAKE LIGHT	LEFT TRUNK LIGHT ASSEMBLY	
H25 ..	LEFT TAIL LIGHT	LEFT TRUNK LIGHT ASSEMBLY	
H27 ..	LEFT BACK UP LIGHT	LEFT TRUNK LIGHT ASSEMBLY	
H28 ..	RIGHT BACK UP LIGHT	RIGHT 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	
H37 ..	LEFT TAIL LIGHT	LEFT TRUNK LIGHT ASSEMBLY	
H39 ..	RIGHT TAIL LIGHT	RIGHT TRUNK LIGHT ASSEMBLY	

COMPONENT LOCATION CHART

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	in RH side of luggage compartment	
H46 .. LEFT REAR SPEAKER	in LH side of luggage compartment (STEREO)	23-2
H46 .. LEFT REAR SPEAKER	in LH side of luggage compartment (HIFI)	
H50 .. RIGHT FRONT HIGH RANGE SPEAKER	in upper RH front door	
H51 .. RIGHT FRONT LOW RANGE SPEAKER	in lower RH A-pillar	
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	
H66 .. SUBWOOFER	at back of rear window shelf	
H91 .. RIGHT TRUNK LIGHT	in RH rear side of luggage compartment	
K2 HORN RELAY	rear LH side of engine compartment in Power Distribution Box	12-2
K4 BLOWER RELAY	rear LH side of engine compartment in Power Distribution Box	12-2
K9 UNLOADER RELAY, TERMINAL 15	below LH side of dash	20-1
K13 REAR DEFOGGER RELAY	rear LH side of engine compartment in Power Distribution Box	12-1
K16 HAZARD FLASHER RELAY	rear LH side of engine compartment in Power Distribution Box	12-2



COMPONENT LOCATION CHART

06/08

7000.0-7

K19 ...	COMPRESSOR CONTROL RELAY	....	rear LH side of engine compartment in Power Distribution Box	12-1
K21 ...	NORMAL SPEED RELAY	.....	rear LH side of engine compartment in Power Distribution Box	12-1
K22 ...	HIGH SPEED RELAY	.....	rear LH side of engine compartment in Power Distribution Box	12-1
K46 ...	HIGH BEAM LIGHT RELAY	.....	below LH side of dash	18-1
K47 ...	FRONT FOG LIGHT RELAY	.....	rear LH side of engine compartment in Power Distribution Box	12-2
K48 ...	LOW BEAM LIGHT RELAY	.....	rear LH side of engine compartment in Power Distribution Box	12-2
K114 .	COMFORT RELAY	.....	below LH side of dash	18-1
K125 .	ABS PUMP MOTOR RELAY, TIMED	....	Power Distribution Box rear LH side of engine compartment	12-1
K6300	ENGINE CONTROL MODULE RELAY	..	rear LH side of engine compartment in Power Distribution Box	12-3
K6301w	FUEL PUMP RELAY	.....	rear LH side of engine compartment in Power Distribution Box	12-3
K6304 .	SECONDARY AIR PUMP RELAY	.....	rear LH side of engine compartment in Power Distribution Box	12-3
K6326 .	UNLOADER RELAY, TERMINAL 15	....	rear RH side of engine compartment	27-1
M2 ...	FUEL PUMP	.....	below RH side of rear seat	14-2
M3 ...	WIPER MOTOR	.....	rear of engine compartment below center of cowl	09-1
M4 ...	WASHER PUMP	.....	front RH side of engine compartment on washer fluid reservoir	07-3
M7 ...	HEADLIGHT/FOG LIGHT WASHER PUMP	.....	front RH side of engine compartment on washer fluid reservoir	14-3
M9 ...	AUXILIARY FAN MOTOR	.....	behind front grille behind trim panel	11-1
M12 ..	DRIVER'S DOOR LOCK MOTOR	.....	in lower LH front door behind trim panel	
M13 ..	PASSENGER'S DOOR LOCK MOTOR	..	in lower RH side of front door behind trim panel	
M16 ..	GAS FILLER LOCK MOTOR	.....	in RH rear side of luggage compartment behind trim panel	22-3
M17 ..	TRUNK LOCK MOTOR	.....	rear side of luggage compartment behind trim panel	23-1

1997



COMPONENT LOCATION CHART

03/98

7000.0-8

M21 ..	DRIVER'S WINDOW MOTOR	LH front door behind door panel	22-1
M23 ..	PASSENGER'S WINDOW MOTOR	RH front door behind door panel	21-2
M24 ..	SUNROOF MOTOR	center of windshield header	
M25 ..	CRUISE CONTROL ACTUATOR (TEMPOMAT)	front LH side of engine compartment	09-3
M30 ..	BLOWER MOTOR	rear of engine compartment behind RH fresh air cowl	
M93 ..	AUXILIARY THROTTLE POSITION MOTOR (ADS)	LH side of engine compartment	27-3
M111 ..	FRESH AIR RECIRCULATION MOTOR ..	behind center of dashboard	
M6510	STARTER	rear LH side of engine compartment	
N8 ..	ANTENNA AMPLIFIER AM/FM	in lift gate	
N9 ..	RADIO	center console	
N12w ..	ANTI-THEFT CONTROL MODULE (ALPINE)	RH side of dash behind glove box	
N17 ..	CRASH CONTROL MODULE	behind instrument cluster	18-1
N22 ..	CD CHANGER	in LH forward side of luggage compartment	
P90 ...	FRONT POWER DISTRIBUTION BOX ..	rear LH side of engine compartment	03-2
P95 ...	AUXILIARY FUSE BOX	below LH side of dash	20-1
P97 ...	AUXILIARY FUSE BOX	below LH side of dash	18-1
R11 ..	BLOWER RESISTORS	behind center of dashboard	18-2
R6252	THROTTLE POSITION SENSOR	LH side of engine compartment	10-2
R6255	ACCELERATOR PEDAL POSITION SENSOR (ASC)	LH side of engine compartment	27-2

1997

COMPONENT LOCATION CHART

S2 IGNITION SWITCH	LH side of dash	16-3
S3 AUTOMATIC TRANSMISSION RANGE SWITCH	center console	19-1
S4 HORN SWITCH	on steering wheel	16-1
S5 WIPER/WASHER SWITCH	LH side of dash RH side of steering column above	
S6 ASC SWITCH	center console	
S7 COMBINATION SWITCH	LH side of dash LH side of steering column above	16-3
S8 LIGHT SWITCH	LH side of dash	
S13 ... PASSENGER'S DOOR JAMB SWITCH	RH front door jamb	21-1
S14 ... DRIVER'S DOOR JAMB SWITCH	front LH door pillar	21-1
S17 ... MIRROR CONTROL SWITCH	in upper LH front door	
S18 ... HAZARD SWITCH	below front of console	19-1
S21w . ENGINE HOOD SWITCH	front RH side of engine compartment	14-3
S28 ... CRUISE CONTROL SWITCH	LH side of dash RH side of steering column above	16-3
S29 ... BRAKE LIGHT SWITCH	LH footwell on brake pedal support bracket behind LH footwell trim	15-3
S30 ... BRAKE LIGHT SWITCH	LH footwell on clutch pedal support bracket behind LH footwell trim	15-3
S31 ... PARK BRAKE SWITCH	center console on rear of park brake lever	15-2
S32 ... CLUTCH SWITCH	LH footwell underside of steering column	15-3
S36y . DOUBLE TEMPERATURE SWITCH	front RH side of engine compartment near RH headlight assembly	08-3
S37 ... GLOVE BOX LIGHT SWITCH	in glove box	
S38 ... SUNROOF SWITCH	in roof panel	
S47 ... DRIVER'S DOOR LOCK SWITCH	LH front door in door at key lock assembly	



COMPONENT LOCATION CHART

03/98

7000.0-10

S49 . . .	PASSENGER'S DOOR LOCK SWITCH . . .	RH front door in door at key lock assembly	
S53 . . .	DRIVER'S SEAT, SEAT HEATER SWITCH	center console	
S54 . . .	PASSENGER'S SEAT, SEAT HEATER SWITCH	center console	
S58 . . .	DRIVER'S SEAT BELT SWITCH	in LH front seat belt buckle	
S59 . . .	PASSENGER'S SEAT BELT SWITCH	in RH front seat belt buckle	
S61y . . .	TRUNK LIGHT SWITCH	underside of trunk lid	22-2
S75 . . .	BLOWER SWITCH	center of dash	
S77 . . .	DRIVER'S MAKE-UP MIRROR SWITCH	above LH sun visor in sun visor bracket	24-1
S78 . . .	PASSENGER'S MAKE-UP MIRROR SWITCH	above RH sun visor in sun visor bracket	15-1
S82y . . .	FOG LIGHT SWITCH	on instrument cluster	
S126y . . .	DRIVER'S POWER WINDOW SWITCH	center console near gearshift lever	19-2
S127y . . .	PASSENGER'S POWER WINDOW SWITCH	center console near gearshift lever	19-2
S198 . . .	JET HEATER THERMOSWITCH	front LH side of engine compartment	
S218 . . .	REAR DEFOGGER SWITCH	center console	
S235 . . .	STARTER IMMOBILIZATION SWITCH	LH footwell underside of steering column	23-3
S302 . . .	CENTRAL LOCKING SWITCH	center console near gearshift lever	
S530 . . .	IHKs CONTROL SWITCH	center of dash	
S531 . . .	TEMPERATURE WHEEL SWITCH	center of dash	
S8503 . . .	PROGRAM SWITCH	center console	

1997



COMPONENT LOCATION CHART

03/98

7000.0-11

S8507	KICK-DOWN SWITCH	LH footwell			
S8511	REVERSING LIGHT SWITCH	under front of car LH side of transmission	25-3		
T6151	CYL. 1 IGNITION COIL	RH side of engine compartment	10-3		
T6152	CYL. 2 IGNITION COIL	RH side of engine compartment	10-3		
T6153	CYL. 3 IGNITION COIL	RH side of engine compartment	10-3		
T6154	CYL. 4 IGNITION COIL	RH side of engine compartment	10-3		
X0	B+ JUNCTION POINT	rear LH side of engine compartment	03-2		
X2	BATTERY B+ START POINT	rear LH side of engine compartment	03-2		
X9	B+ JUNCTION POINT	rear LH side of engine compartment	03-2		
X13 ...	(30 PINS, BLACK)	LH side of LH footwell	16-2	00-4	
X14 ...	(30 PINS, NATURAL)	LH side of LH footwell	16-2	00-4	
X16 ...	(26 PINS, NATURAL)	LH side of dash rear side of instrument cluster, A2w	17-3	00-2	
X17 ...	(26 PINS, BLUE)	LH side of dash rear side of instrument cluster, A2w	17-3	00-2	
X20 ...	(25 PINS, BLACK)	rear LH side of engine compartment	09-2	04-2	
X22 ...	(26 PINS, GRAY)	behind glove box	01-2	07-2	
X32 ...	(12 PINS, NATURAL)	LH footwell underside of steering column	20-2	02-4	
X33 ...	(12 PINS, BLACK)	LH footwell underside of steering column	20-2	02-4	
X35 ...	(12 PINS, NATURAL)	below LH side of dash RH side of steering column	20-2	02-4	
X44 ...	(9 PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	03-4		
X45 ...	(9 PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	03-4		
X51 ...	(9 PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	03-4		
X52 ...	(9 PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	03-4		



COMPONENT LOCATION CHART

03/98

7000.0-12

X53 . . . (9 PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	03-4
X56 . . . (9 PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	03-4
X58 . . . (9 PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	03-4
X63 . . . (9 PINS, BLACK)	below LH side of dash	03-4
X64 . . . (9 PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	03-4
X65 . . . (9 PINS, BLACK)	below LH side of dash	03-4
X69 . . . (25 PINS, GRAY)	rear LH side of engine compartment	09-2 04-2
X70 . . . (7 PINS, BLACK)	front LH side of engine compartment	09-3 05-2
X72 . . . (6 PINS, NATURAL)	LH footwell underside of steering column	20-2 03-6
X74 . . . (50 PINS, BLACK)	below rear seat (EARLY PRODUCTION)	01-3 04-1
X74 . . . (50 PINS, YELLOW)	below rear seat (LATE PRODUCTION)	01-3 04-1
X78 . . . (4 PINS, BLACK)	LH footwell on clutch pedal support bracket behind LH footwell trim	15-3 03-1
X85 . . . (3 PINS, BLACK)	rear LH side of engine compartment	11-3 05-3
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	07-3
X111 . . . (2 PINS, BLACK)	rear LH side of engine compartment near brake master cylinder top of brake fluid reservoir	09-2
X113 . . . (3 PINS, GRAY)	above RH front wheel well behind RH front wheel	07-2 09-2
X114 . . . (3 PINS, GRAY)	above LH front wheel well behind LH front wheel	07-2 09-2
X116 . . . (2 PINS, BLACK)	LH footwell on clutch pedal support bracket behind LH footwell trim	15-3
X118 . . . (2 PINS, BLACK)	above LH front wheel well behind LH front wheel	07-2

1997



COMPONENT LOCATION CHART

86/30

7000.0-13

1997

X121 . (2 PINS, WHITE)	LH footwell underside of steering column	15-3
X123 . (2 PINS, GRAY)	front RH side of engine compartment on washer fluid reservoir	14-3
X128 . (3 PINS, BLACK)	LH front of vehicle	05-3
X132 . (2 PINS, BLACK)	front of engine compartment	
X133 . (2 PINS, BLACK)	front of engine compartment	
X137 . (3 PINS, BLACK)	RH front of vehicle	05-3
X142 . (3 PINS, GRAY)	under rear of car LH side of on differential	09-2
X143 . (3 PINS, GRAY)	under rear of car RH side of RH footwell	06-1 09-2
X163 . (3 PINS, BLACK)	front RH side of engine compartment	07-3 05-3
X165 . GROUND	front LH side of engine compartment	04-1
X168 . (1 PIN, ---)	on steering wheel	
X173 . GROUND	below LH side of dash	04-3
X209 . (5 PINS, ---)	LH side of dash	
X256 . (26 PINS, BLACK)	ahead of RH front door in lower RH A-pillar	21-2 03-5
X257 . (26 PINS, BLACK)	ahead of LH front door in lower LH A-pillar	03-5
X271 . (12 PINS, BLACK)	LH side of dash rear side of instrument cluster, A2w	17-3 01-3
X272 . (2 PINS, WHITE)	under roof center panel	
X285 . (15 PINS, BLUE)	below RH side of dash behind glove box	02-3 00-3
X292 . (9 PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	03-4
X295 . (8 PINS, BLACK)	LH footwell underside of steering column	20-2 03-3
X311 . (3 PINS, BLACK)	underside of trunk lid left	23-1 01-1
X312 . (2 PINS, BLACK)	in RH rear side of luggage compartment behind RH rear light assembly ...	22-3



COMPONENT LOCATION CHART

03/98

7000.0-14

X315 . (2 PINS, BLACK)	underside of trunk lid left	23-1		
X316 . (4 PINS, YELLOW)	center console near gearshift lever	19-2	07-1	
X318 . (8 PINS, BLACK)	in RH rear side of luggage compartment behind RH rear light assembly		01-4	
X319 . (8 PINS, BLACK)	in LH side of luggage compartment behind trim panel		01-4	
X322 . (6 PINS, BLACK)	below LH side of dash	20-1	03-6	
X324 . (4 PINS, YELLOW)	center console near gearshift lever	19-2	07-1	
X333 . (4 PINS, NATURAL)	rear of engine compartment below center of cowl	09-1	06-3	
X336 . (6 PINS, NATURAL)	under roof center panel	00-3	03-6	
X351 . (2 PINS, BLACK)	in upper RH B-pillar			
X352 . (2 PINS, BLACK)	in upper LH B-pillar	28-3		
X371 . (2 PINS, BLACK)	front RH side of engine compartment	14-3		
X372 . (2 PINS, GRAY)	rear RH side of engine compartment back of RH side shock tower			
X379 . (1 PIN, NATURAL)	on lift gate			
X380 . (1 PIN, NATURAL)	in upper RH C-pillar			
X381 . (3 PINS, BLACK)	under roof center panel	24-1	01-1	
X382 . (3 PINS, BLACK)	above RH sun visor	15-1	01-1	
X383 . (2 PINS, BLACK)	under rear of car LH side of on differential	26-1		
X389 . (2 PINS, BLACK)	rear LH side of engine compartment			
X390 . (2 PINS, BLACK)	rear RH side of engine compartment			
X400 . (8 PINS, BLACK)	in LH rear side of luggage compartment		01-4	
X401 . (1 PIN, BLACK)	above LH sun visor	24-1		
X402 . (1 PIN, BLACK)	above RH sun visor		15-1	



COMPONENT LOCATION CHART

03/98

7000.0-15

X413 . (3 PINS, BLACK)	at back of rear window shelf	01-1
X423 . (1 PIN, ---)	below center console on rear of park brake lever	15-2
X424 . (1 PIN, WHITE)	in LH side of luggage compartment behind trim panel	
X494 . GROUND	center console near gearshift lever	
X495 . GROUND	RH side of glove box	04-2
X498 . GROUND	center console near gearshift lever	
X511 . (8 PINS, BLACK)	center console near gearshift lever	19-1 01-4
X516 . (5 PINS, BLACK)	center console	19-1 02-6
X521 . (6 PINS, BLUE)	center console	04-3
X522 . (3 PINS, WHITE)	above LH footwell dash panel	24-3 04-4
X531 . (1 PIN, NATURAL)	center console near gearshift lever	
X532 . (2 PINS, BLACK)	center console near gearshift lever	
X537 . (3 PINS, BLACK)	LH front door behind door panel	22-1 01-1
X538 . (3 PINS, BLACK)	RH front door behind door panel	21-2 01-1
X540 . (2 PINS, BLACK)	LH side of glove box	18-3
X541 . (3 PINS, BLACK)	LH side of glove box	18-3 01-1
X605 . (12 PINS, BLACK)	in LH side of luggage compartment behind trim panel	00-2 08-3
X606 . (26 PINS, BLACK)	in LH side of luggage compartment behind trim panel	00-2 07-2
X623 . (4 PINS, BLACK)	in upper LH front door behind door panel	07-1
X624 . (4 PINS, BLACK)	in upper RH front door behind door panel	21-2 07-1
X625 . (6 PINS, BLACK)	LH front door behind door panel	22-1 02-1
X638 . (2 PINS, GRAY)	below RH side of rear seat	14-2

1997



COMPONENT LOCATION CHART

03/98

7000.0-16

X641 . (6 PINS, BLACK)	RH front door behind door panel	06-5
X643 . (4 PINS, NATURAL)	in roof panel (with folding roof) (LATE PRODUCTION)	07-1
X643 . (4 PINS, YELLOW)	in roof panel (with power sunrof (SHD)) (LATE PRODUCTION)	07-1
X643 . (4 PINS, YELLOW)	in roof panel (EARLY PRODUCTION)	07-1
X651 . (6 PINS, YELLOW)	center console	04-3
X658 . (6 PINS, YELLOW)	center console	04-3
X660 . (6 PINS, BLACK)	LH front door behind door panel	21-3 06-5
X679 . (2 PINS, YELLOW)	below RH side of rear seat	14-2
X700 . (1 PIN, ---)	behind RH footwell speaker grille	
X701 . (1 PIN, ---)	behind LH footwell kickpanel	
X709 . (2 PINS, BLACK)	underside of trunk lid, near license plate	07-1
X710 . (2 PINS, BLACK)	underside of trunk lid, near license plate	07-1
X711 . (3 PINS, BLACK)	underside of trunk lid	22-2 01-1
X713 . (2 PINS, BLACK)	under rear of car LH side of on differential	06-1
X732 . (4 PINS, BLACK)	under LH front seat under carpet	03-1
X733 . (4 PINS, BLACK)	under LH front seat under carpet	03-1
X740 . (4 PINS, BLACK)	under RH front seat	20-3 03-1
X741 . (4 PINS, BLACK)	under RH front seat	20-3 03-1
X742 . (2 PINS, YELLOW)	RH front door in door at key lock assembly	
X744 . (4 PINS, GRAY)	RH front door behind door panel	21-2 08-1
X745 . (3 PINS, BLACK)	right footwell	01-1
X746 . (3 PINS, NATURAL)	RH front door behind door panel	01-1

1997



COMPONENT LOCATION CHART

03/98

7000.0-17

X747 . (2 PINS, YELLOW)	LH front door behind door panel	21-3
X748 . (3 PINS, BLACK)	LH footwell	24-3 01-1
X749 . (4 PINS, GRAY)	LH front door behind door panel	22-1 08-1
X753 . (3 PINS, NATURAL)	LH front door	01-1
X768 . (2 PINS, WHITE)	in the engine compartment near LH headlight assembly	06-2
X769 . (2 PINS, WHITE)	in the engine compartment near RH headlight assembly	06-2
X770 . (2 PINS, YELLOW)	in the engine compartment near LH headlight assembly	14-1
X771 . (2 PINS, BLACK)	RH side of LH footwell	17-1
X778 . (3 PINS, BLACK)	in LH front seat belt buckle (LATE PRODUCTION)	01-1
X778 . (4 PINS, BLACK)	in LH front seat belt buckle (EARLY PRODUCTION)	07-1
X782 . (3 PINS, ORANGE)	LH side of glove box	18-3 09-1
X783 . (3 PINS, ORANGE)	underside of steering column	09-1
X816 . (1 PIN, ---)	rear of engine compartment behind RH fresh air cowl	
X817 . (1 PIN, ---)	rear of engine compartment behind RH fresh air cowl	
X861 . GROUND	LH side of engine compartment	05-3
X904 . (4 PINS, BLACK)	behind center of dashboard	18-2 03-1
X905 . (7 PINS, BLACK)	behind center of dashboard	08-2
X1014 . (1 PIN, BLACK)	center console near gearshift lever	
X1148 . (2 PINS, BLACK)	front LH side of engine compartment	
X1165 . GROUND	below LH side of dash	04-3
X1166 . GROUND	RH side of glove box	04-2
X1170 . (42 PINS, BLACK)	behind glove box	07-3



COMPONENT LOCATION CHART

03/98

7000.0-18

X1175	(42 PINS, NATURAL)	behind glove box	01-2	07-3
X1176	(25 PINS, BLACK)	rear LH side of engine compartment back of LH side shock tower	11-3	04-2
X1178	(2 PINS, NATURAL)	below center console LH side of gearshift selector	19-3	
X1193	(3 PINS, BLACK)	center console RH side of gearshift selector		01-1
X1241	(2 PINS, BLACK)	below LH side of rear seat	13-1	
X1245	(1 PIN, BLACK)	above LH sun visor		
X1246	(1 PIN, BLACK)	above RH sun visor		
X1292	(4 PINS, NATURAL)	center console near gearshift lever	07-1	
X1380	(1 PIN, ---)	behind RH footwell speaker grille		
X1381	(1 PIN, ---)	behind LH footwell kickpanel		
X1441	GROUND	below rear seat	01-3	
X1517	(3 PINS, BLACK)	center of dash center console		
X1518	(8 PINS, BLACK)	behind center of dashboard		
X1522	(2 PINS, BLACK)	behind center of dashboard		
X1557	(1 PIN, BLACK)	in lift gate		
X1588	(2 PINS, BLACK)	below LH side of dash	18-1	
X1645	(1 PIN, NATURAL)	in lift gate		
X1646	(3 PINS, BROWN)	in lift gate		
X1659	(15 PINS, YELLOW)	behind glove box	01-2	00-3
X1883	(3 PINS, ---)	in driver's door		
X1884	(3 PINS, ---)	in passenger's door		
X1885	(3 PINS, BLACK)	LH B-pillar (EARLY PRODUCTION)	01-1	

1997



COMPONENT LOCATION CHART

03/98

7000.0-19

X1885	(3 PINS, BLACK)	LH B-pillar (LATE PRODUCTION)	08-6	
X1886	(3 PINS, BLACK)	RH B-pillar (EARLY PRODUCTION)	01-1	
X1886	(3 PINS, BLACK)	RH B-pillar (LATE PRODUCTION)	08-6	
X1890	(3 PINS, BLACK)	front of engine compartment on auxiliary fan	11-1	06-4
X1892	(3 PINS, BLACK)	in LH forward side of luggage compartment	01-1	
X6000	(88 PINS, NATURAL)	rear RH side of engine compartment	05-1	
X6002	(20 PINS, BLACK)	rear LH side of engine compartment	09-2	00-1
X6031	(12 PINS, BLACK)	rear LH side of engine compartment	05-3	01-6
X6101	(2 PINS, BLACK)	top center of engine		
X6102	(2 PINS, BLACK)	top center of engine		
X6103	(2 PINS, BLACK)	top center of engine		
X6104	(2 PINS, BLACK)	top center of engine		
X6120	(2 PINS, BLACK)	LH side of engine compartment	13-2	
X6130	(3 PINS, BLACK)	rear LH side of engine compartment	10-2	03-2
X6131	(2 PINS, BLACK)	rear LH side of engine compartment	11-2	
X6133	(2 PINS, YELLOW)	LH side of engine compartment	13-2	
X6150	(7 PINS, BLACK)	RH side of engine compartment	10-3	08-4
X6151	(3 PINS, GRAY)	top RH side of engine	08-5	
X6152	(3 PINS, GRAY)	top RH side of engine	08-5	
X6153	(3 PINS, GRAY)	top RH side of engine	08-5	
X6154	(3 PINS, GRAY)	top RH side of engine	08-5	
X6163	(2 PINS, BLACK)	LH side of engine compartment	13-2	

1997



COMPONENT LOCATION CHART

86/30

7000.0-20

1997

X6203	(3 PINS, BLACK)	front of engine below intake manifold	03-2
X6205	(2 PINS, BLACK)	LH side of engine (near oil level stick)	09-3
X6209	(3 PINS, BLACK)	front of engine	03-2
X6217	(4 PINS, GRAY)	top front of engine	09-3 06-1
X6231	(2 PINS, BLACK)	RH front of engine below intake manifold	10-1
X6232	(4 PINS, BLACK)	RH front of engine below intake manifold	26-2 06-1
X6240	(4 PINS, BLACK)	LH side of engine	06-1
X6252	(3 PINS, BLACK)	LH side of engine compartment	10-2 03-2
X6255	(3 PINS, BLACK)	LH side of engine compartment	27-2 03-2
X6263	(2 PINS, BLACK)	under LH center of car	28-2
X6300	(9 PINS, BLACK)	rear LH side of engine compartment in Power Distribution Box	03-4
X6301	(9 PINS, BLACK)	rear LH side of engine compartment in Power Distribution Box	03-4
X6304	(9 PINS, BLACK)	rear LH side of engine compartment in Power Distribution Box	03-4
X6326	(9 PINS, BLACK)	rear RH side of engine compartment	27-1 03-4
X6454	GROUND	rear RH side of engine compartment back of RH side shock tower	05-2
X6456	GROUND	rear RH side of engine compartment back of RH side shock tower	05-2
X6509	CABLE SOCKET ALTERNATOR B+	front LH side of engine compartment	03-1
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	



COMPONENT LOCATION CHART

08/98

7000.0-21

X7163	B+ DISTRIBUTOR	rear of engine compartment		
X7509	CABLE SOCKET ALTERNATOR TERMINAL D+	front LH side of engine compartment		
X8500	(88 PINS, NATURAL)	rear RH side of engine compartment in E-Box	05-1	
X8503	(10 PINS, NATURAL)	center console RH side of gearshift selector	19-2	02-3
X8505	(16 PINS, BLACK)	on RH side of transmission		09-5
X8507	(1 PIN, BLACK)	below LH side of dash		
X8511	(2 PINS, BLACK)	under front of car LH side of transmission	25-3	
X8516	(2 PINS, BLACK)	on RH side of transmission	25-2	
X8521	(9 PINS, BLACK)	on RH side of transmission	25-2	02-5
X9997	(2 PINS, ORANGE)	behind steering wheel	16-1	
X10010	GROUND	RH side of glove box	04-2	
X10012	GROUND	RH side of glove box	04-2	
X10013	(1 PIN, ---)	on steering wheel		
X10070	(2 PINS, GRAY)	front LH side of engine compartment	13-3	
X10071	(2 PINS, BLACK)	front LH side of engine compartment	13-3	
X10074	(2 PINS, BLACK)	near RH headlight assembly		
X10075	(2 PINS, GRAY)	near RH headlight assembly		
X10094	(2 PINS, BLACK)	LH side of engine compartment	27-3	
X10182	(18 PINS, BLACK)	behind glove box		01-5
X10216	(2 PINS, YELLOW)	driver's seat right		
X10217	(2 PINS, YELLOW)	passenger's seat left		

1997



COMPONENT LOCATION CHART

03/98

7000.0-22

X10218	(3 PINS, NATURAL)	under RH front seat	20-3	01-1
X10234	(2 PINS, BLACK)	center of dash center console (EARLY PRODUCTION)		
X10234	(4 PINS, ---)	center of dash center console (LATE PRODUCTION)		
X10240	(9 PINS, BLACK)	below LH side of dash	03-4	
X10245	(12 PINS, BLACK)	behind center of dashboard		01-3
X10246	(2 PINS, BLACK)	in RH side of luggage compartment		
X10247	(2 PINS, WHITE)	in RH side of luggage compartment		
X10248	(2 PINS, BLACK)	in LH side of luggage compartment (STEREO)	23-2	
X10248	(2 PINS, BLACK)	in LH side of luggage compartment (HIFI)		
X10249	(2 PINS, WHITE)	in LH side of luggage compartment		
X10250	(2 PINS, BLACK)	below LH side of dash	20-1	
X10260	(3 PINS, NATURAL)	LH side of steering column	02-2	01-1
X10261	(4 PINS, BLACK)	front RH side of engine compartment	08-3	08-1
X10262	(9 PINS, BLACK)	below LH side of dash	03-4	
X10263	(6 PINS, BLACK)	behind center of dashboard		04-3
X10271	(3 PINS, BLACK)	in roof panel		01-1
X11250	(6 PINS, BLACK)	behind center console	24-2	01-2
X11289	(3 PINS, BLACK)	under LH front seat		01-1
X11290	(3 PINS, BLACK)	under RH front seat		01-1
X11335	(3 PINS, ---)	in driver's door		
X11336	(3 PINS, ---)	in passenger's door		
X11379	(3 PINS, BLACK)	front RH side of engine compartment near RH headlight assembly	08-3	05-3

1997



COMPONENT LOCATION CHART

03/98

7000.0-23

1997

X11393 (9 PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	03-4
X11394 (25 PINS, BLACK)	rear LH side of engine compartment back of LH side shock tower	06-2
X11395 (5 PINS, BLACK)	behind glove box	09-6
X13006 GROUND	in LH side of luggage compartment	05-1
X13009 GROUND	behind glove box right	
X13016 GROUND	below LH side of dash	04-3
X13025 (12 PINS, BLACK)	RH side of dash behind glove box	02-4
X13057 (2 PINS, BLACK)	in lift gate	02-1
X13170 (2 PINS, BLACK)	behind side panel left from LH rear seat	28-3
X13171 (3 PINS, NATURAL)	behind side panel RH side of RH rear seat	22-3 09-4
X13176 (6 PINS, NATURAL)	in roof panel	04-3
X13252 (15 PINS, BLACK)	behind glove box	01-1 00-3
X13253 (26 PINS, YELLOW)	behind glove box	01-1 00-2
X13254 (26 PINS, GREEN)	behind glove box	01-1 00-2
X13268 (3 PINS, BLACK)	in lift gate	02-1 01-1
X13274 (10 PINS, BLACK)	BLACK center of dash center console	
X13286 (1 PIN, BLACK)	center of dash behind center console	
X13287 (1 PIN, WHITE)	center of dash behind center console	
X13301 (2 PINS, BLACK)	in roof panel	
X13305 (8 PINS, BLACK)	center console	01-4
X15579 (1 PIN, ---)	in lift gate left	08-3
X16459 (1 PIN, ---)	in lift gate right	



COMPONENT LOCATION CHART

03/98

7000.0-24

1997

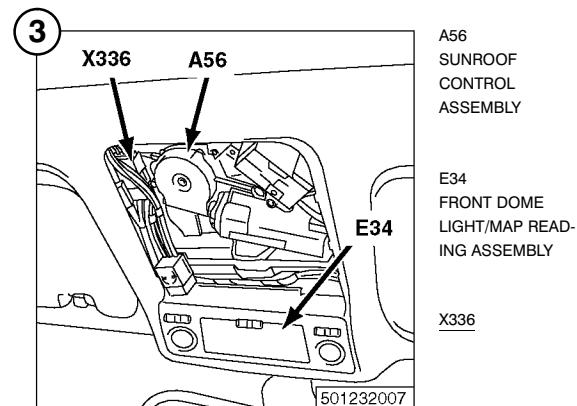
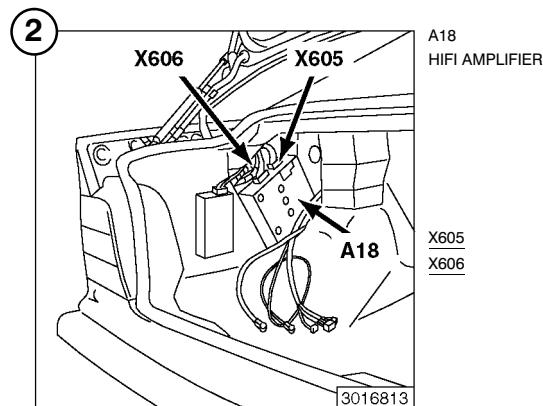
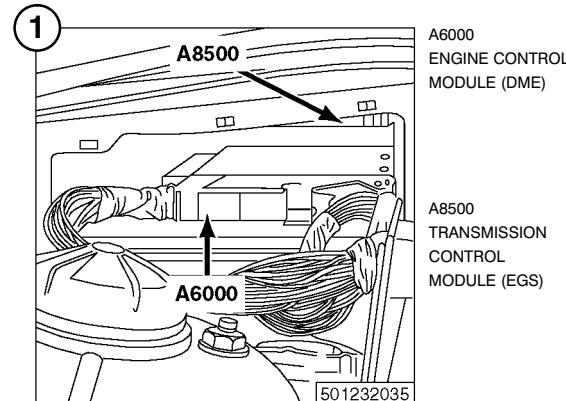
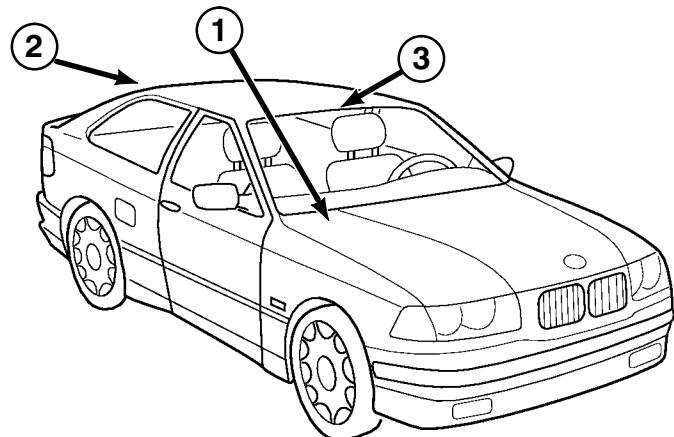
X17159	(12 PINS, ---)	at back of rear window shelf		
X17179	(12 PINS, ---)	in LH side of luggage compartment behind trim panel		
X18126	(17 PINS, BLACK)	center console behind radio	02-2	
X18196	(10 PINS, BLACK)	behind LH footwell speaker grille	02-3	
X18198	(10 PINS, BLACK)	behind RH footwell speaker grille	02-3	
X18279	(2 PINS, GRAY)	LH front door behind door panel	22-1	
X18280	(2 PINS, GRAY)	RH front door behind door panel	21-2	
X18333	(2 PINS, BLACK)	on instrument cluster	17-2	
X18334	(2 PINS, BLACK)	on instrument cluster	17-2	
X18337	(12 PINS, BLACK)	on instrument cluster	17-2	09-3
X18338	(12 PINS, BLACK)	on instrument cluster	17-2	09-3
X18518	(4 PINS, BLACK)	under RH front seat (EARLY PRODUCTION)	07-1	
X18518	(3 PINS, BLACK)	under RH front seat (LATE PRODUCTION)	01-1	
X18520	(10 PINS, ---)	center console RADIO	02-3	
X18521	(10 PINS, ---)	RH side of luggage compartment CD CHANGER	02-3	
X18723	GROUND	below LH side of dash	04-3	
X18994	(3 PINS, YELLOW)	LH footwell underside of steering column	23-3	
X19527	(16 PINS, BLACK)	center console right	24-3	07-4
X62001	(4 PINS, BLACK)	top center of engine	25-1	06-1
X62002	(4 PINS, BLACK)	under center of car	26-3	06-1
X90260	(3 PINS, BLACK)	RH side of steering column	02-2	
Y1	.... ABS HYDRAULIC UNIT	rear LH side of engine compartment back of LH side shock tower	11-3	

COMPONENT LOCATION CHART

Y2	AIR CONDITIONING COMPRESSOR	front RH side of engine compartment	
Y4z ...	WATER VALVE	rear LH side of engine compartment	11-3
Y5	DRIVER'S SIDE MIRROR	in upper LH front door	
Y6	PASSENGER'S SIDE MIRROR	in upper RH front door	
Y19 ...	SHIFT-LOCK	center console	19-3
Y199 .	CARBON CANISTER VALVE	behind side panel left from LH rear seat	28-3
Y6101	CYL. 1 FUEL INJECTION VALVE	on cylinder head	08-2
Y6102	CYL. 2 FUEL INJECTION VALVE	on cylinder head	08-2
Y6103	CYL. 3 FUEL INJECTION VALVE	on cylinder head	08-2
Y6104	CYL. 4 FUEL INJECTION VALVE	on cylinder head	08-2
Y6120	EVAPORATIVE EMISSION VALVE	LH side of engine compartment	13-2
Y6130	IDLE SPEED CONTROL VALVE	rear LH side of engine compartment	10-2
Y6131	INTAKE AIR RESONANCE CHANGEOVER VALVE	rear LH side of engine compartment	11-2
Y6133	AIR PUMP	LH side of engine compartment	13-2
Y6163	SECONDARY AIR PUMP VALVE	LH side of engine compartment	13-2
Y6263	FUEL CHANGEOVER VALVE	under LH center of car	28-2
Y8505y	TRANSMISSION VALVE UNIT	on RH side of transmission	

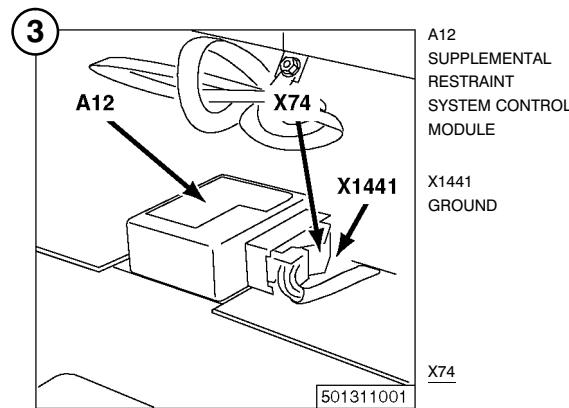
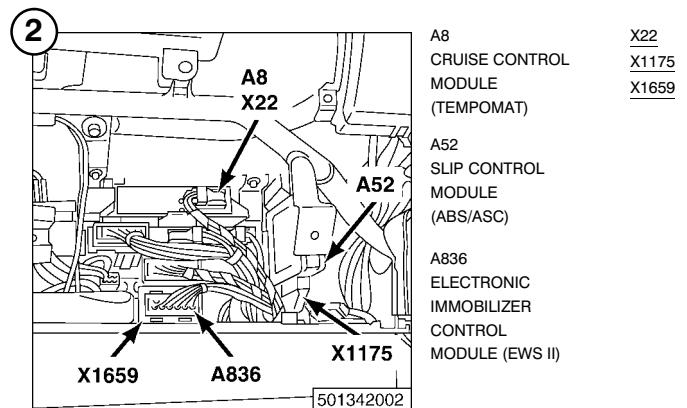
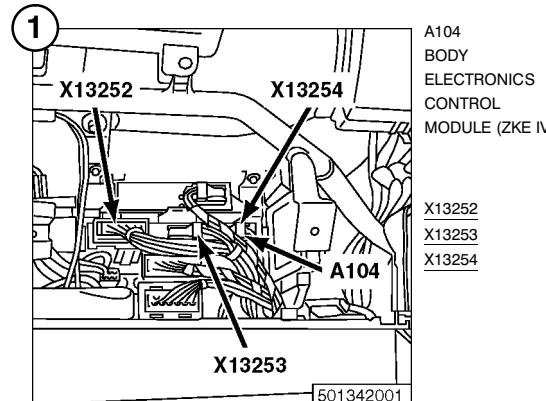
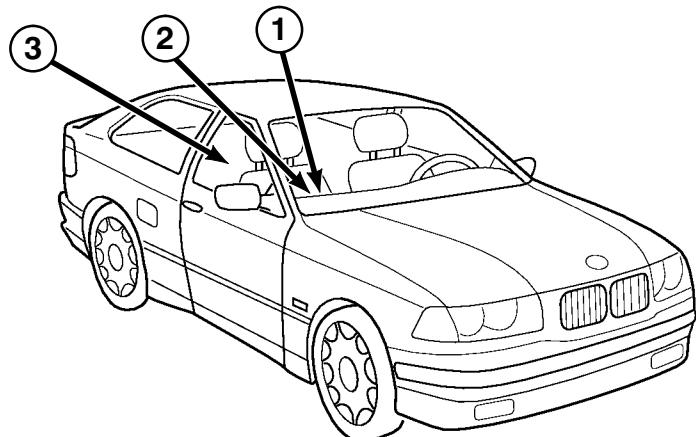
COMPONENT LOCATION VIEWS

ELECTRICAL CONTROL MODULE LOCATIONS



COMPONENT LOCATION VIEWS

ELECTRICAL CONTROL MODULE LOCATIONS



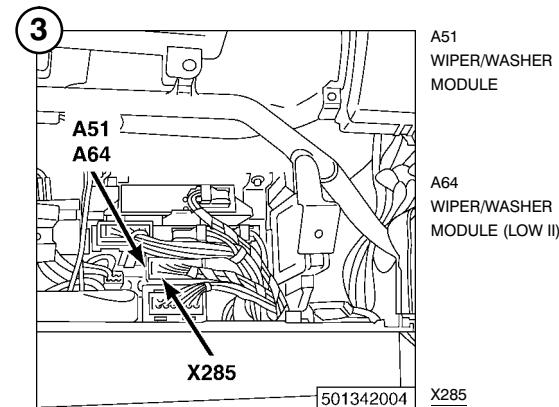
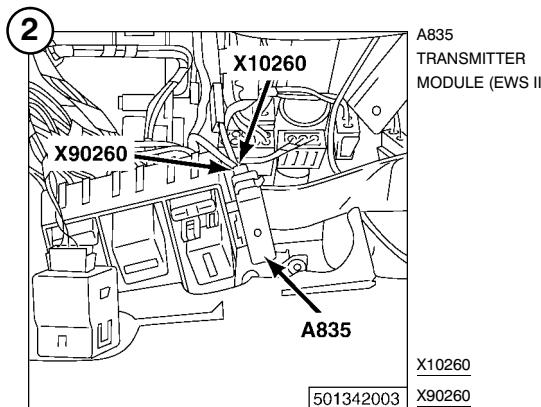
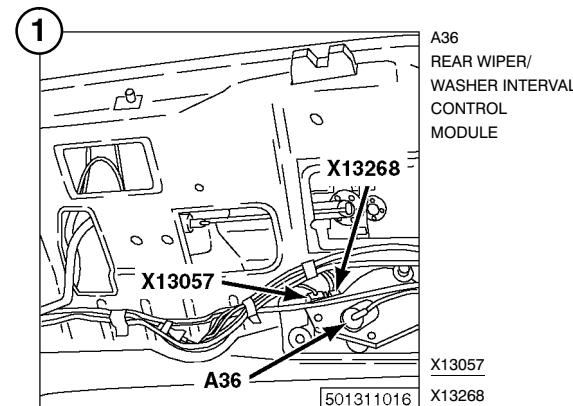
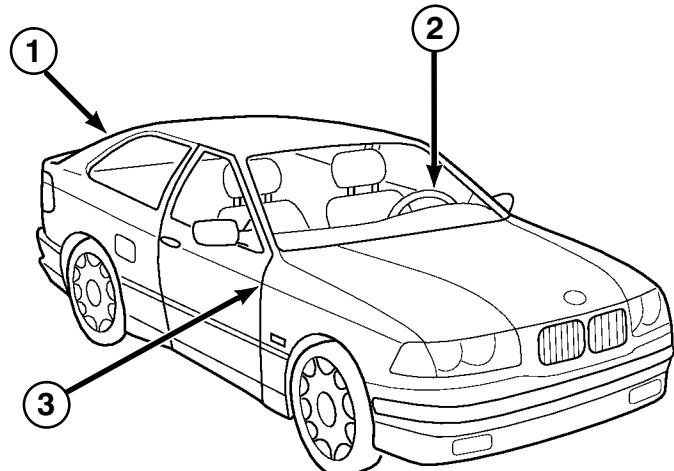
COMPONENT LOCATION VIEWS

ELECTRICAL CONTROL MODULE LOCATIONS

03/98

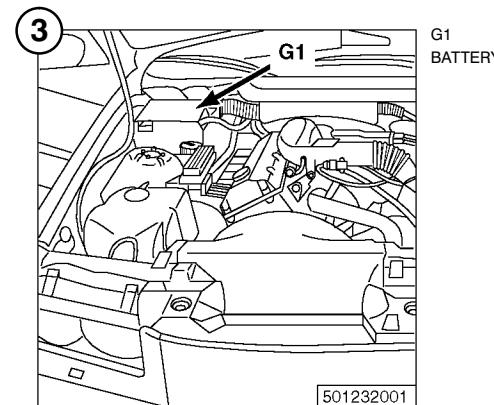
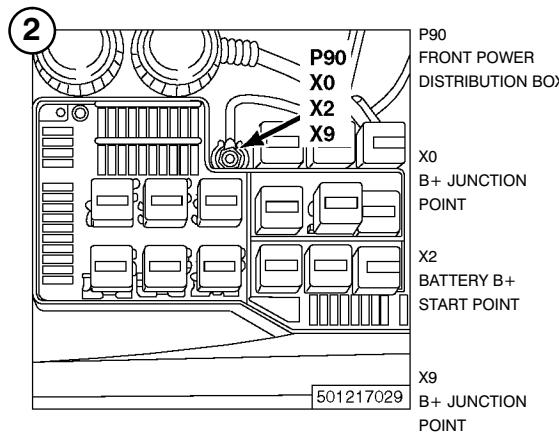
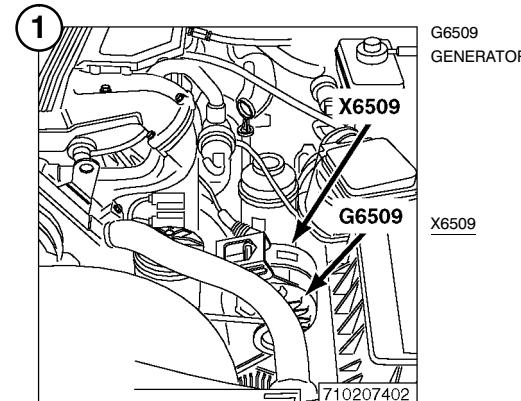
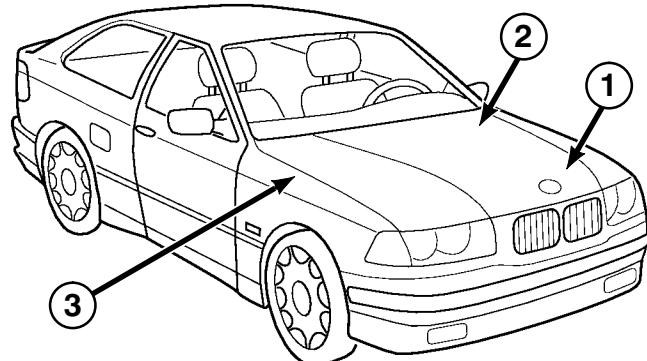
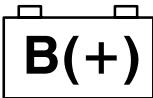
7100.0-02

1997



COMPONENT LOCATION VIEWS

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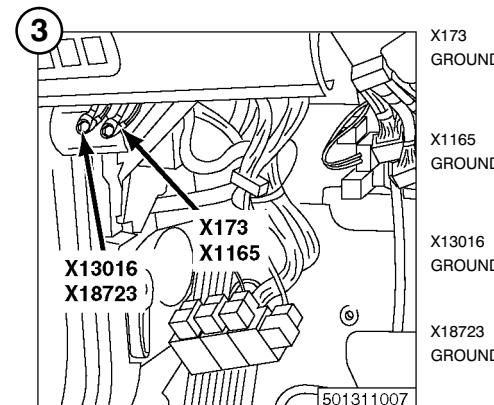
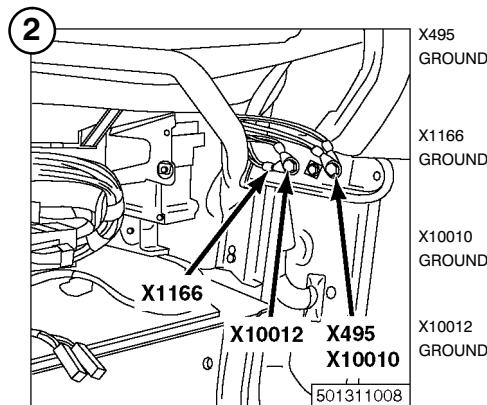
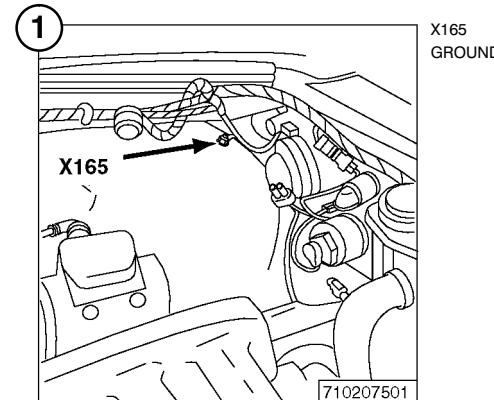
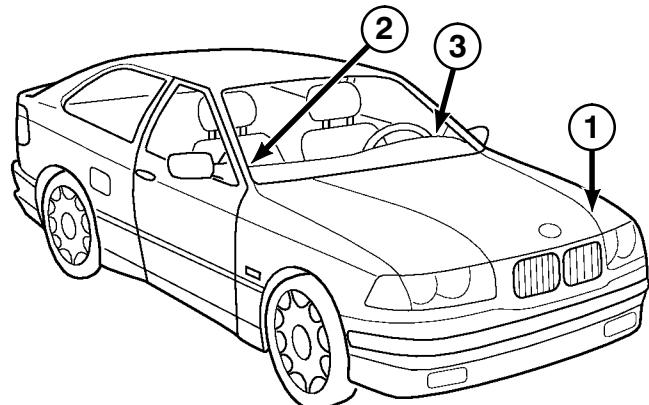


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COMPONENT LOCATION VIEWS

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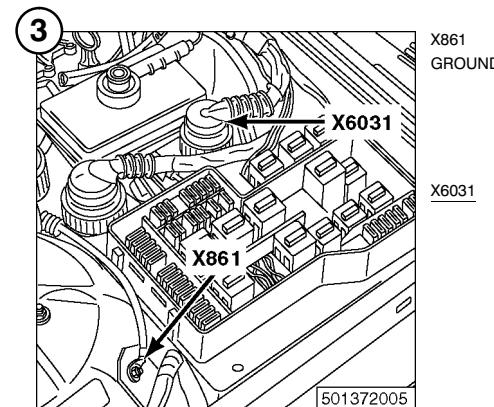
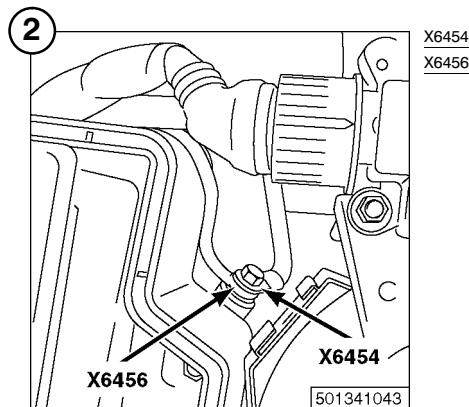
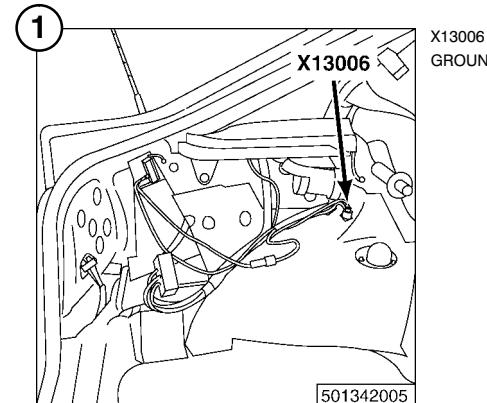
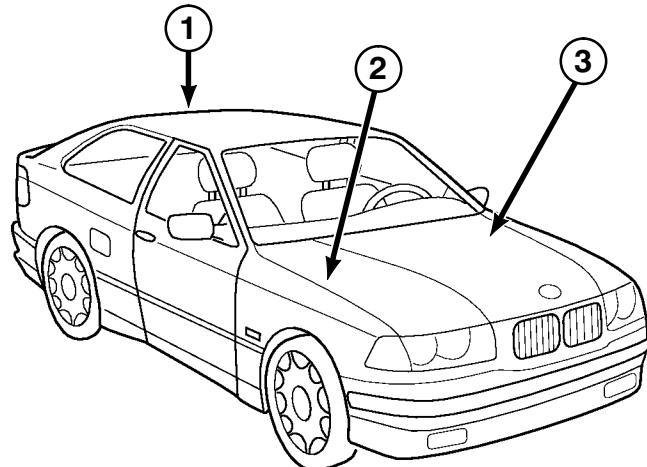
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COMPONENT LOCATION VIEWS

B(-)

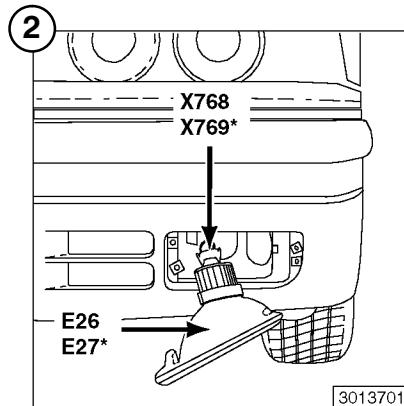
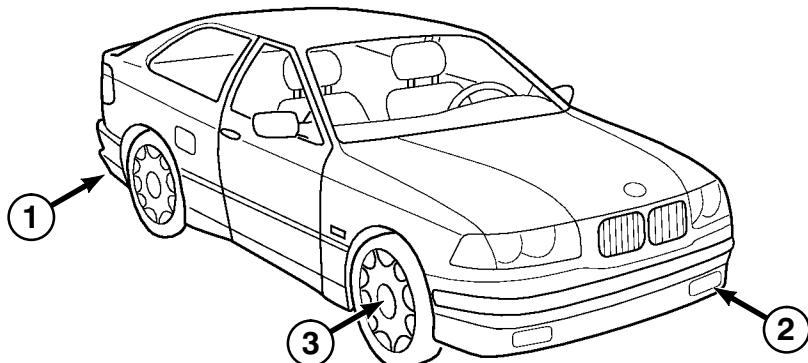


COMPONENT LOCATION VIEWS

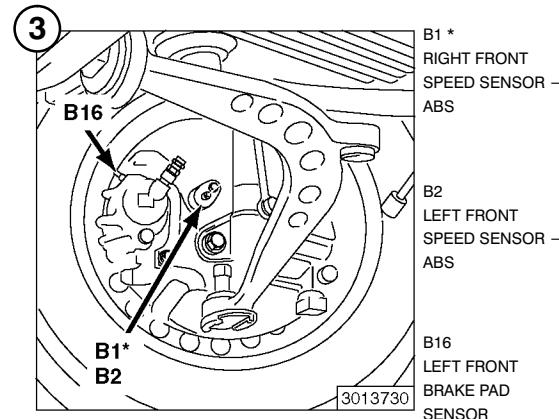
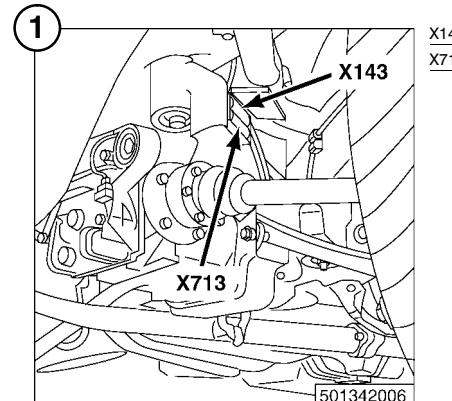
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7100.0-06

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* RH SIMILAR



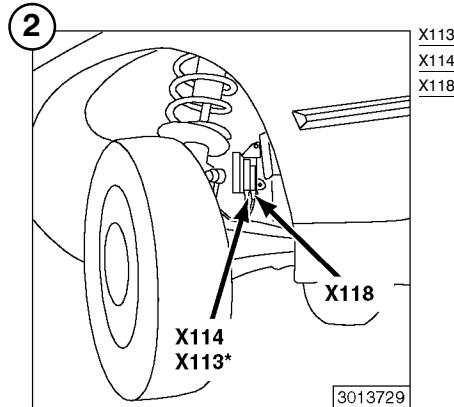
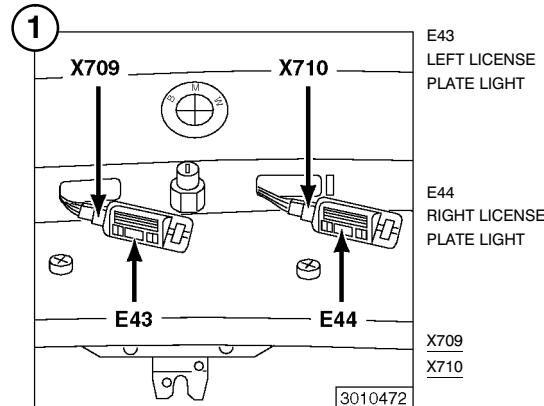
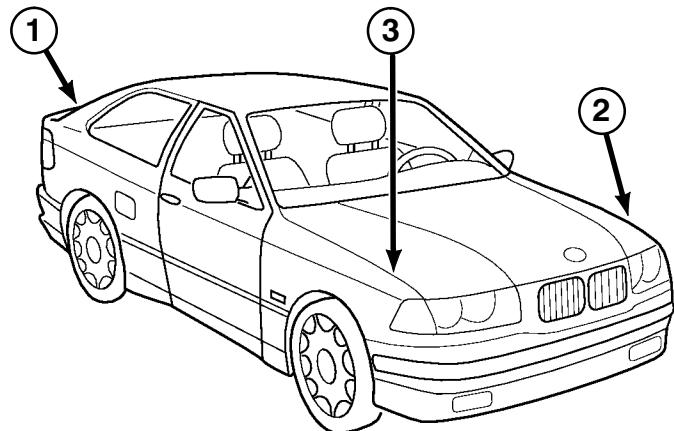
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COMPONENT LOCATION VIEWS

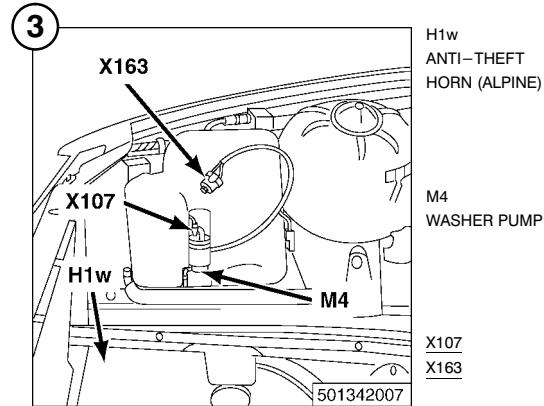
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1997



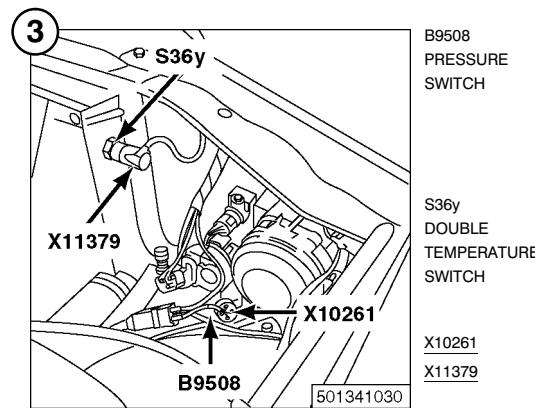
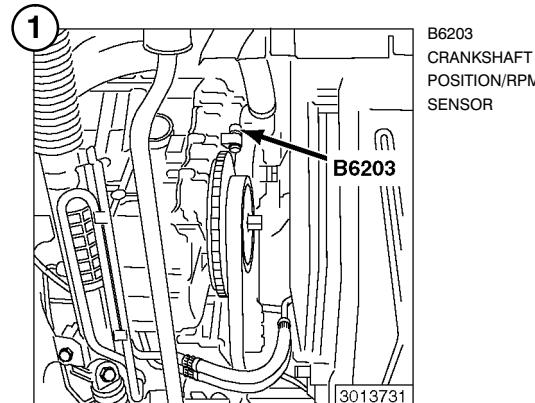
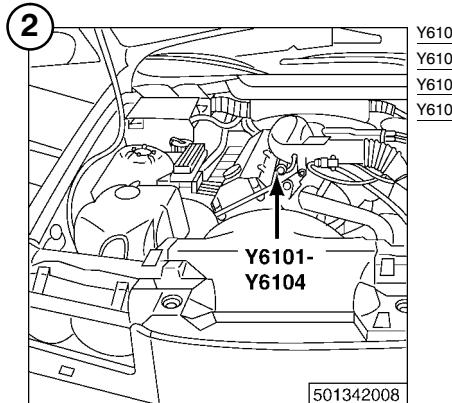
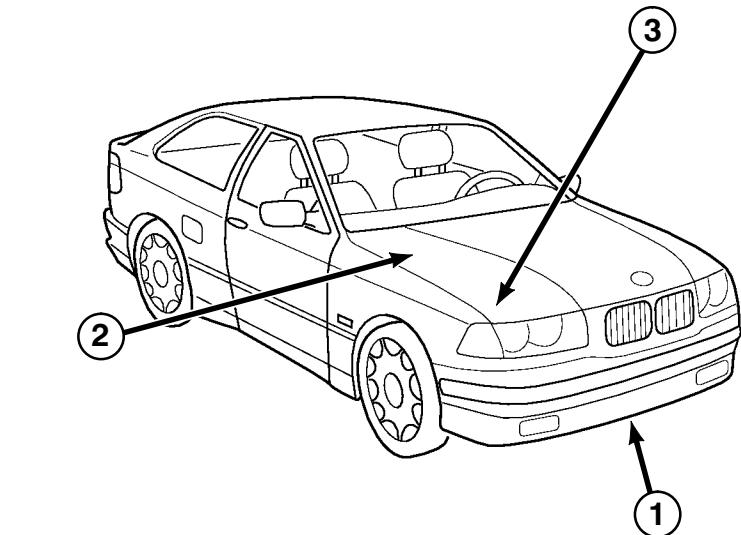
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COMPONENT LOCATION VIEWS

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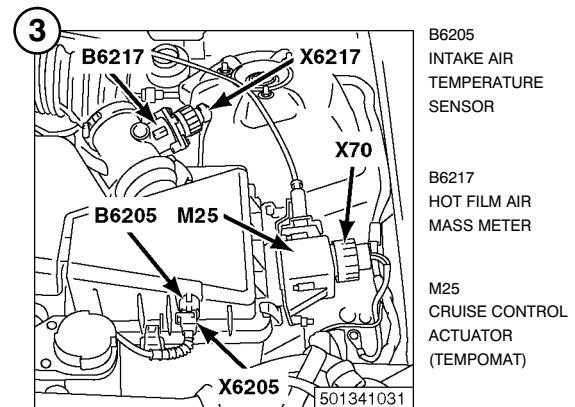
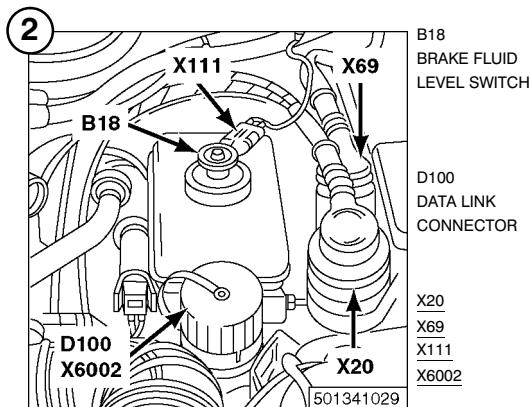
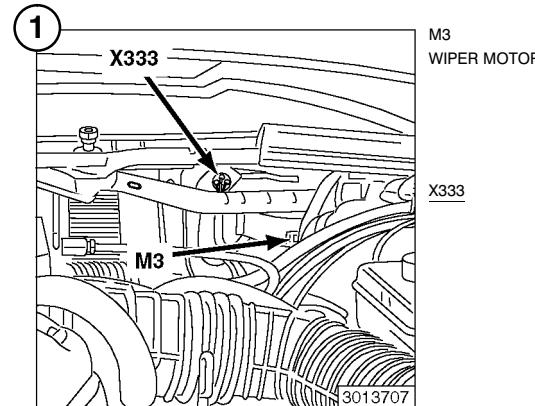
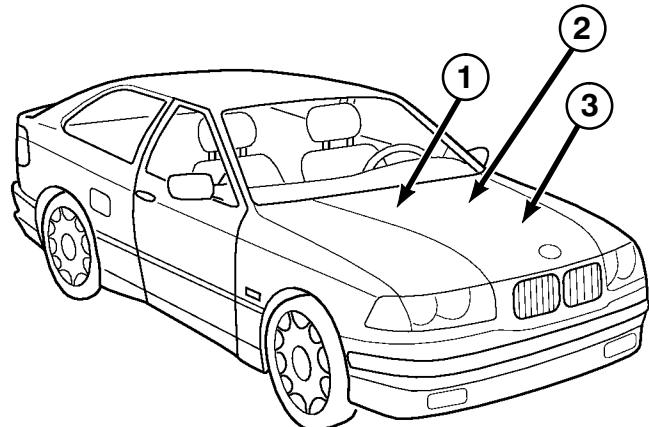


COMPONENT LOCATION VIEWS

03/98

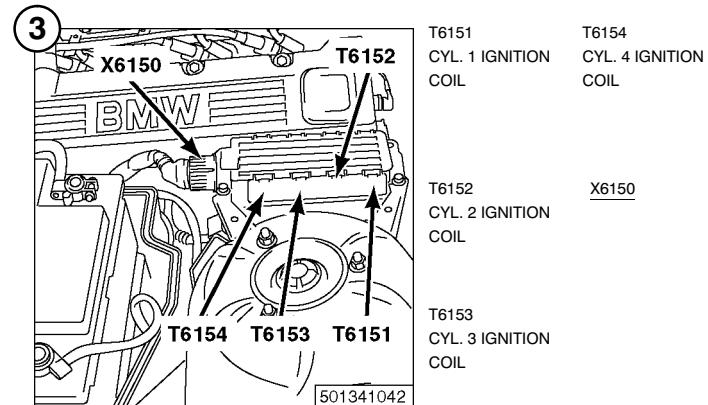
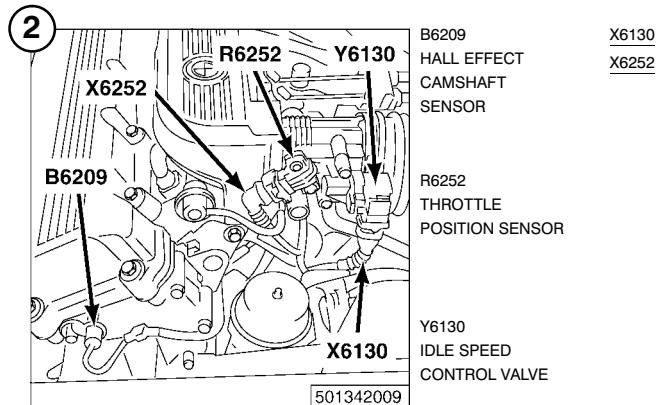
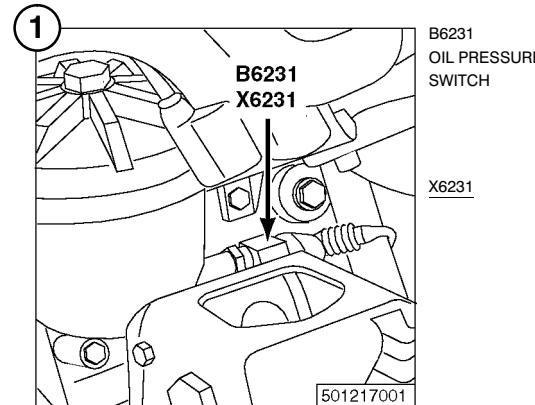
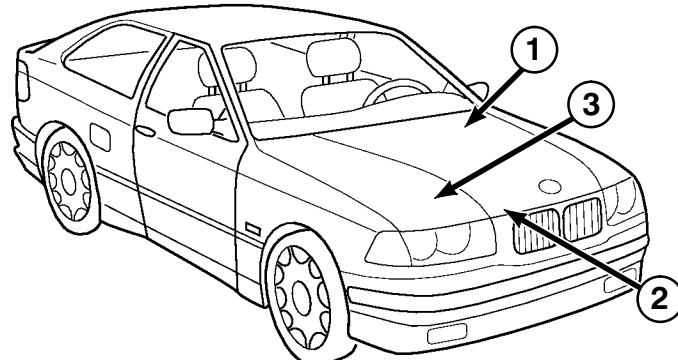
7100.0-09

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COMPONENT LOCATION VIEWS

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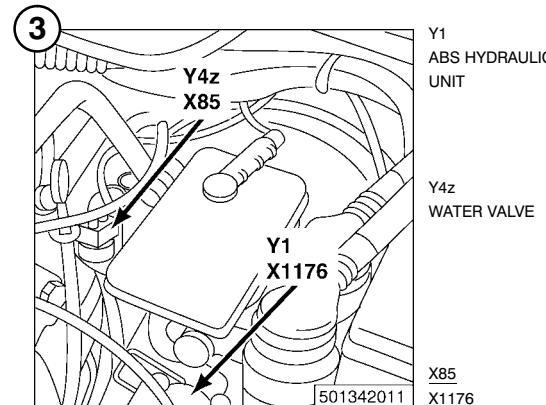
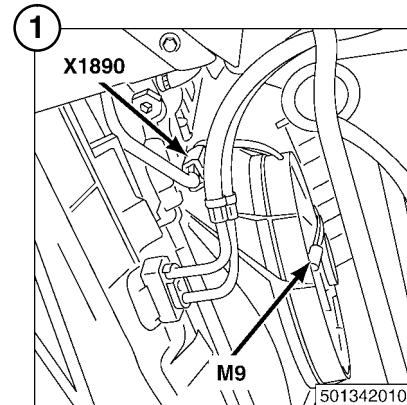
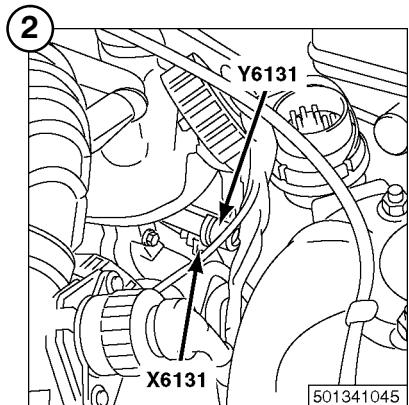
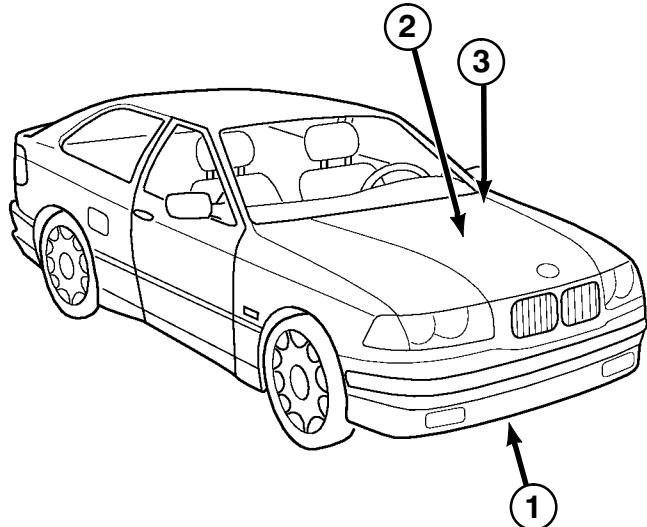


COMPONENT LOCATION VIEWS

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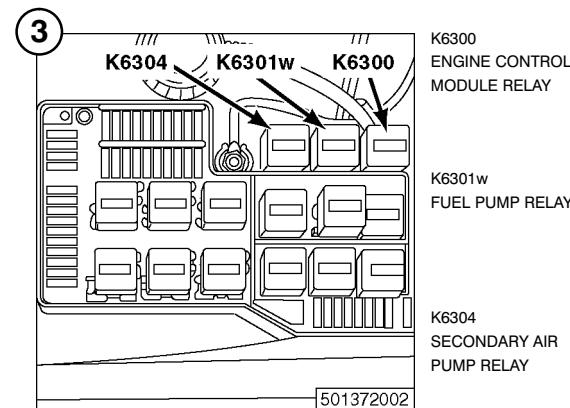
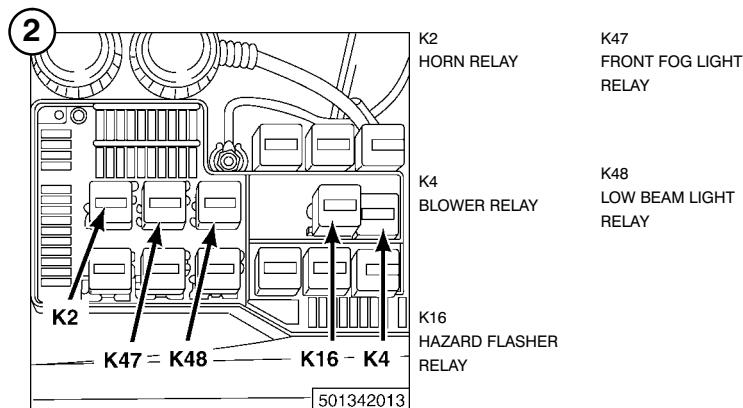
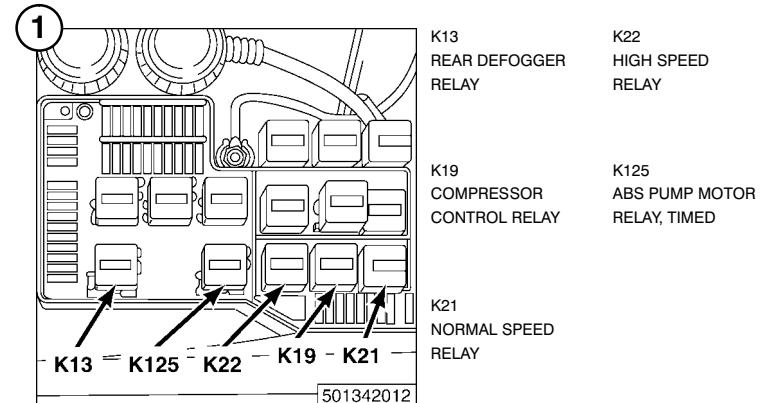
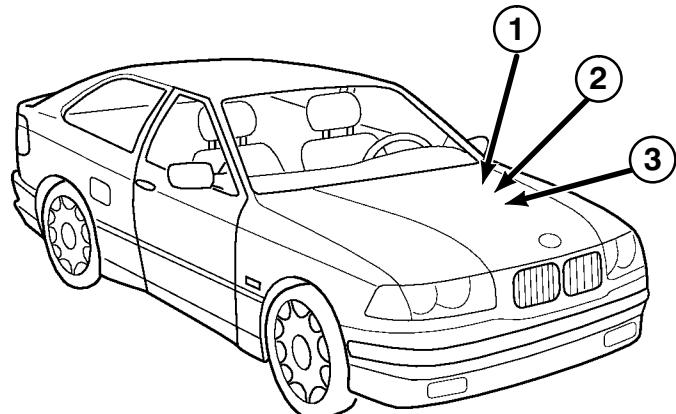


COMPONENT LOCATION VIEWS

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7100.0-12

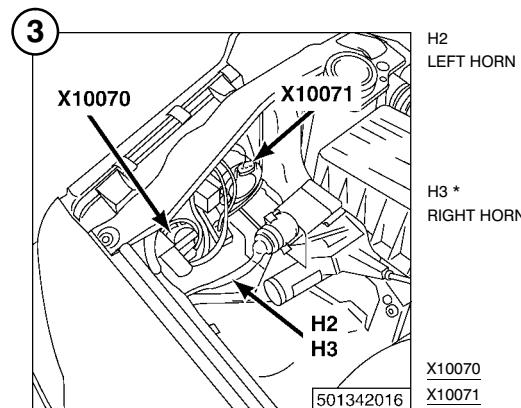
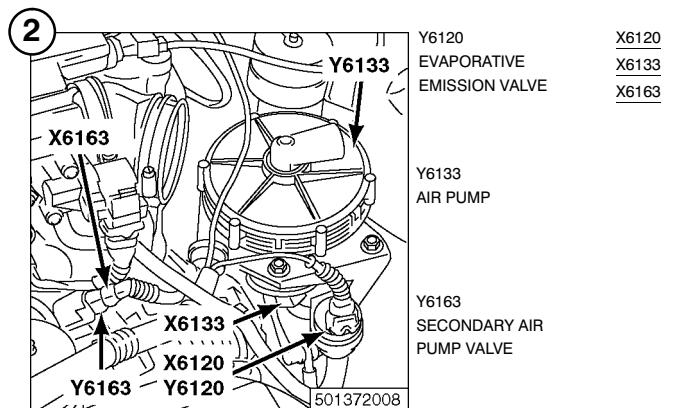
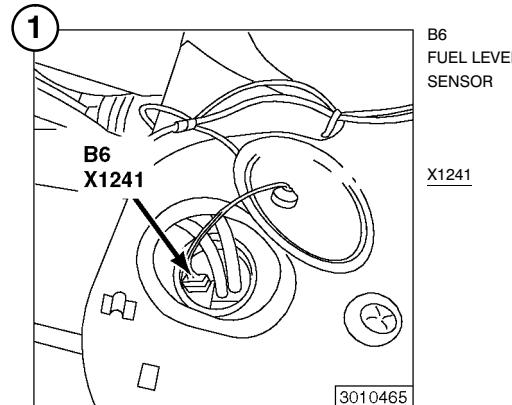
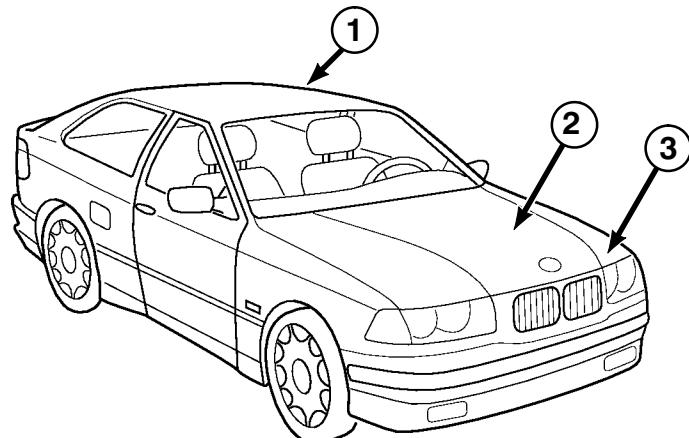
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COMPONENT LOCATION VIEWS

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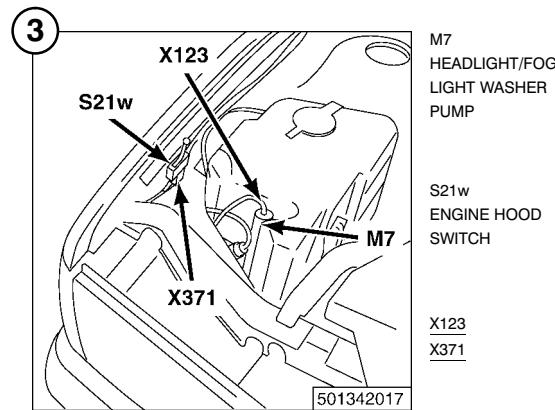
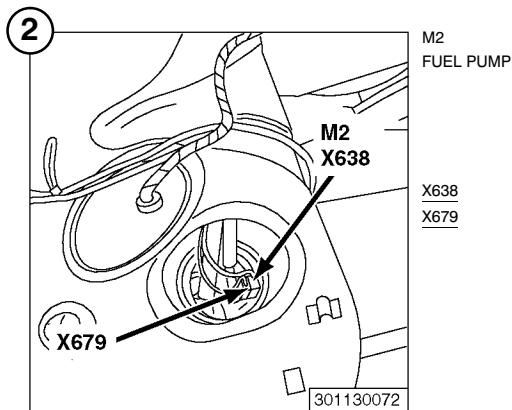
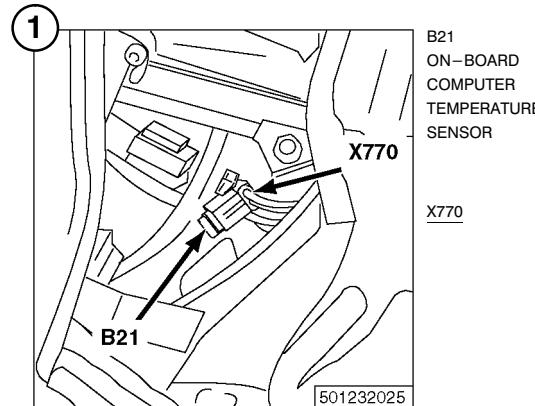
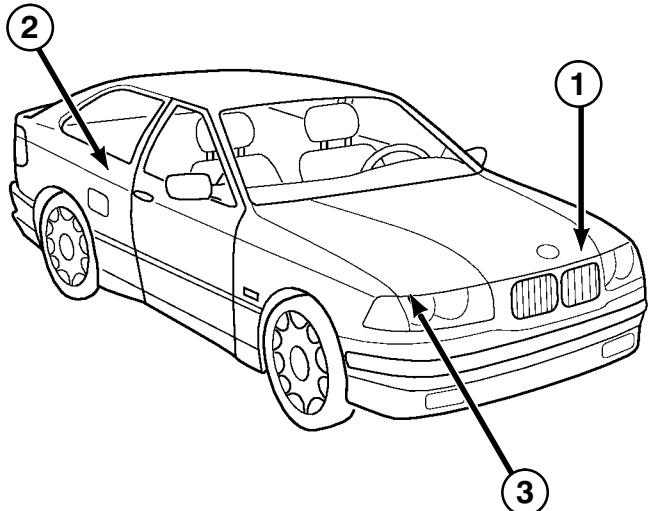
* RH SIMILAR

COMPONENT LOCATION VIEWS

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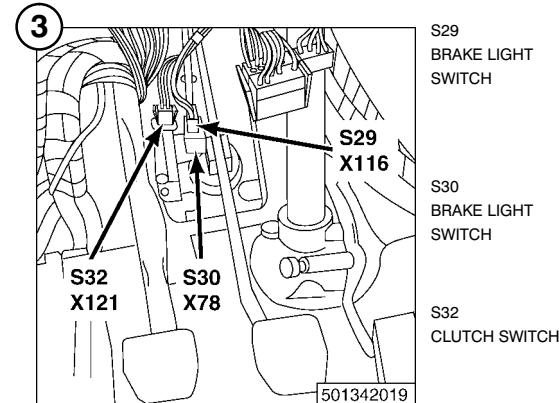
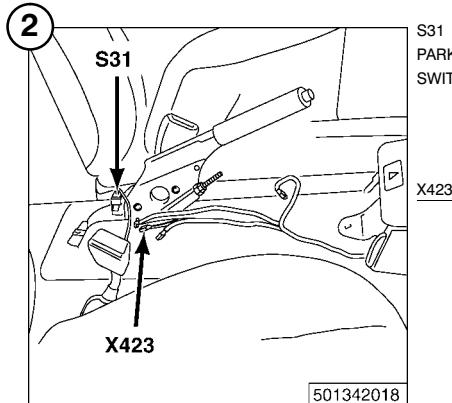
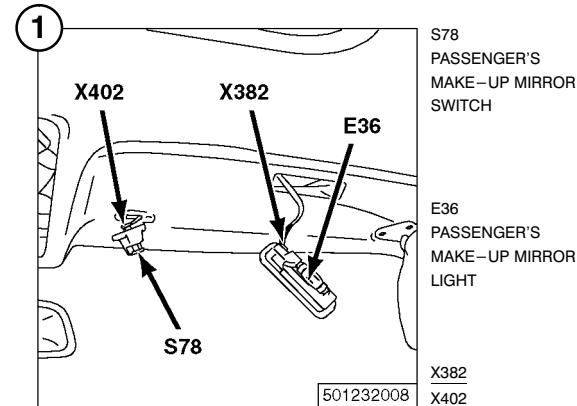
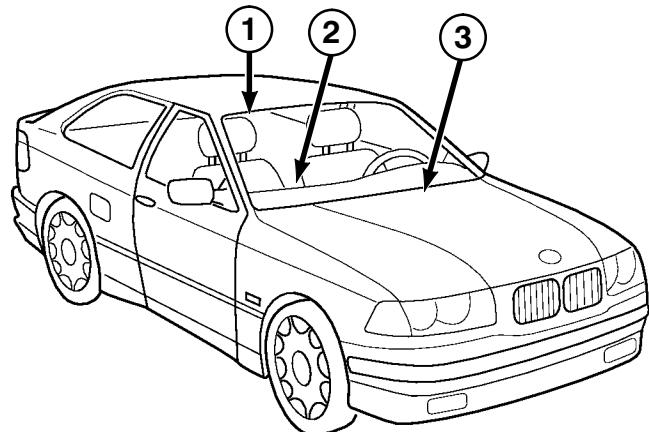


COMPONENT LOCATION VIEWS

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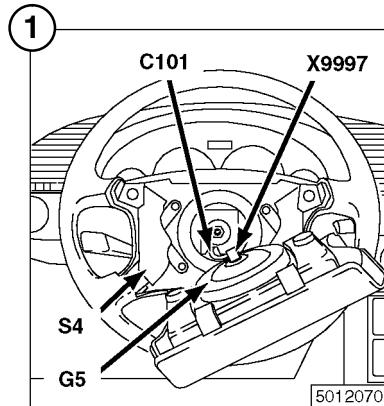
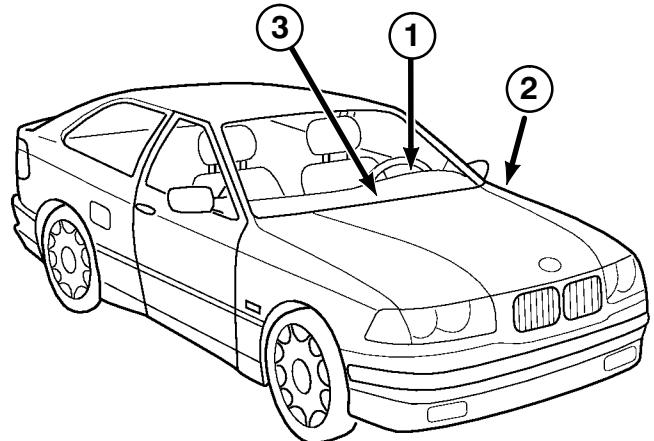


COMPONENT LOCATION VIEWS

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7100.0-16

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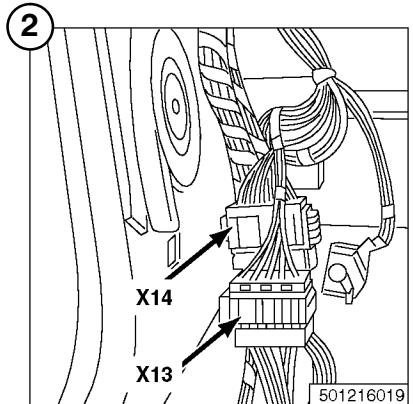
C101
CONTACT RING

X9997

G5
DRIVER'S AIR BAG
GAS GENERATOR

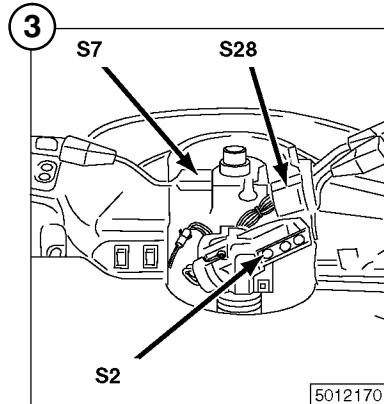
S4
HORN SWITCH

501207018



X13
X14

501216019



S2
IGNITION SWITCH

S7
COMBINATION
SWITCH

S28
CRUISE CONTROL
SWITCH

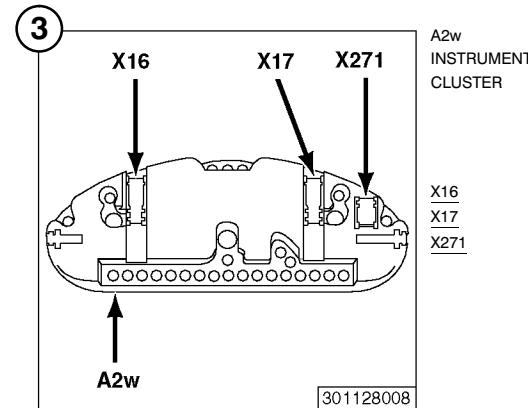
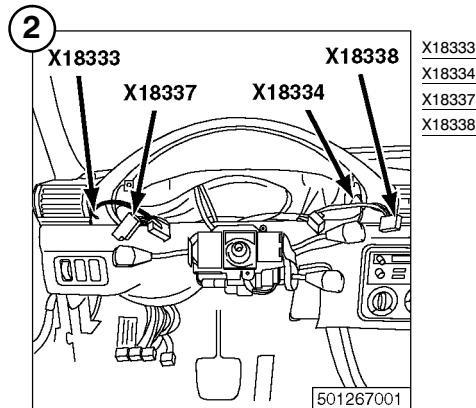
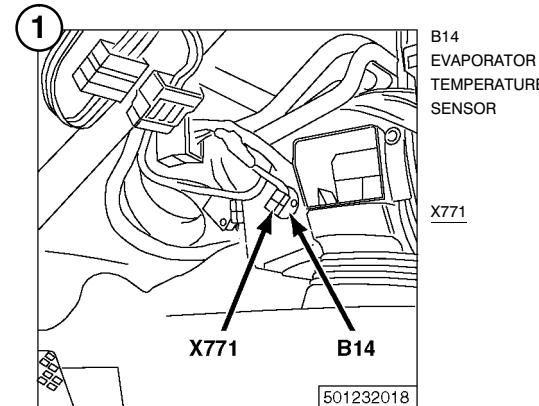
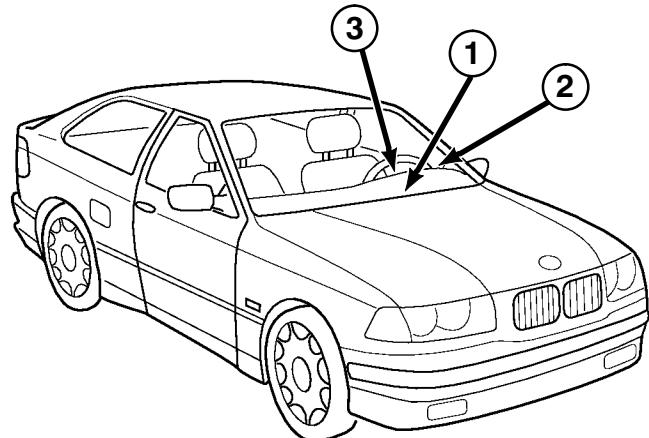
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COMPONENT LOCATION VIEWS

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7100.0-17

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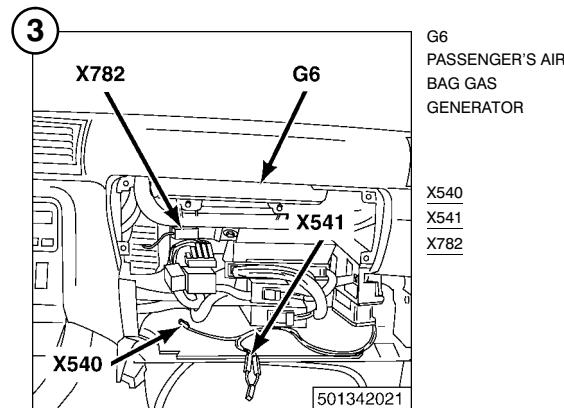
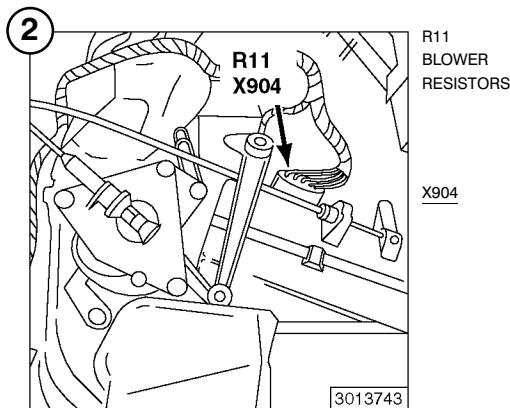
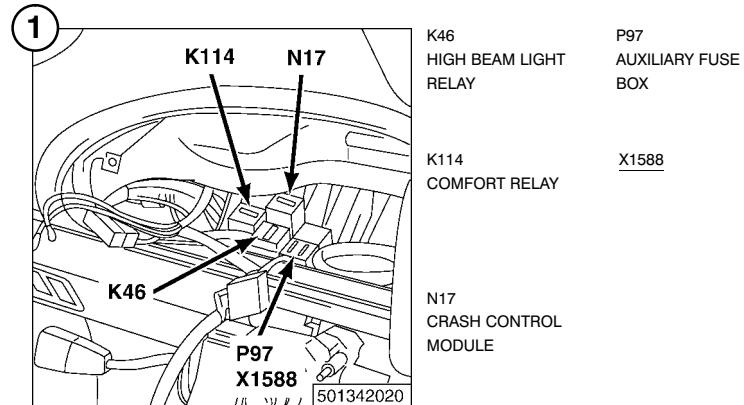
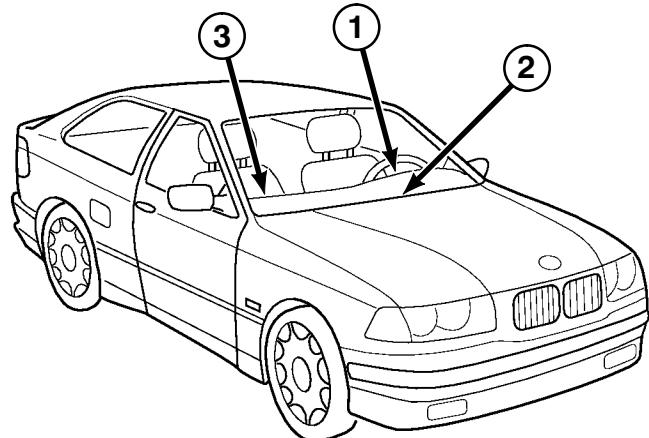


COMPONENT LOCATION VIEWS

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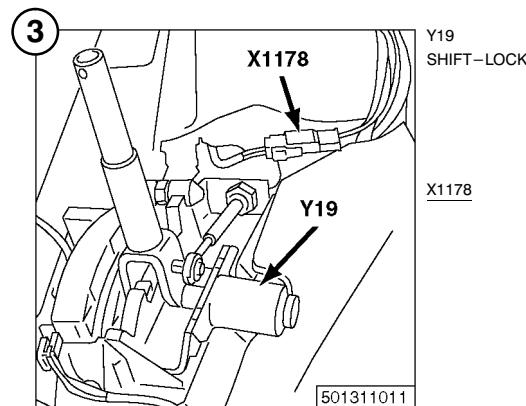
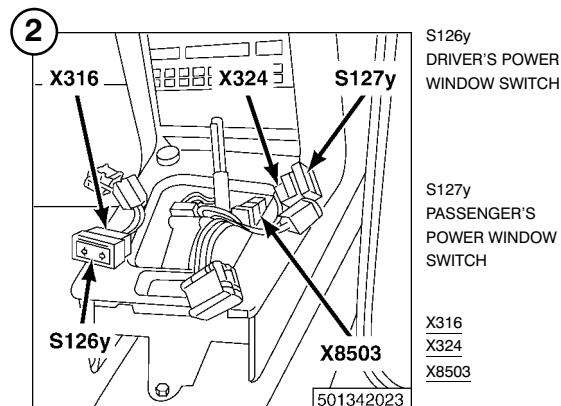
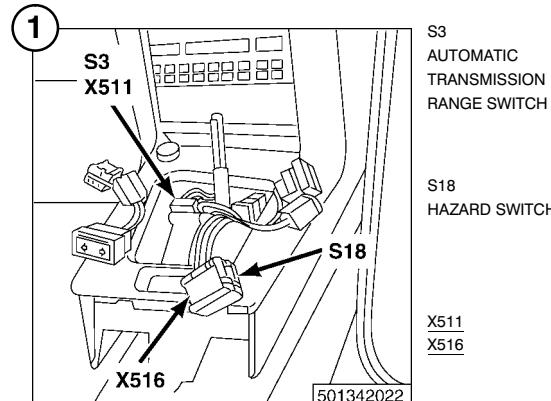
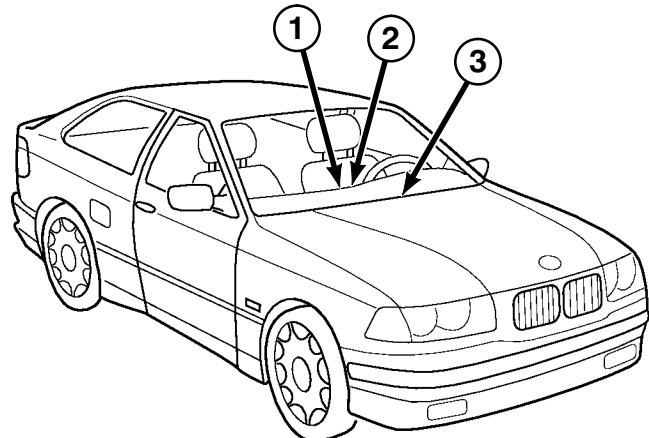


COMPONENT LOCATION VIEWS

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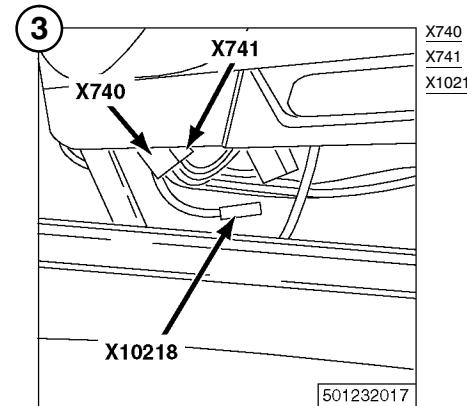
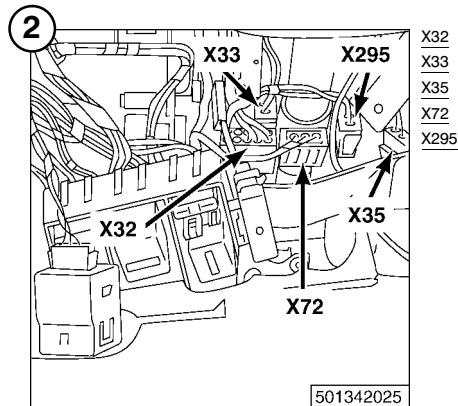
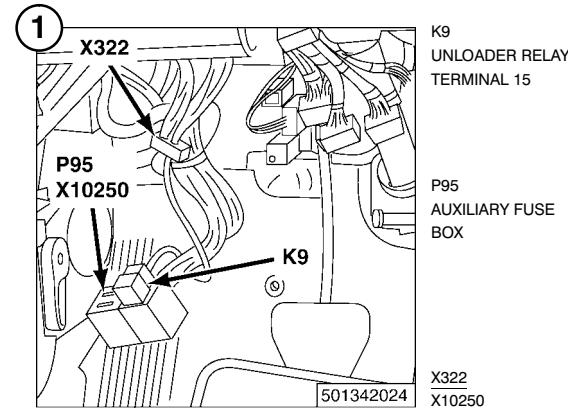
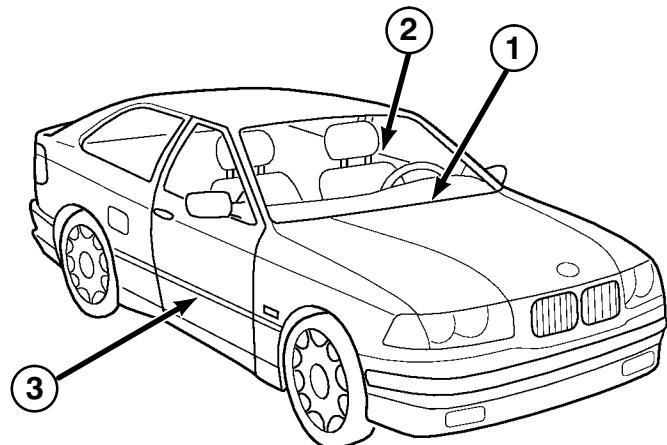


COMPONENT LOCATION VIEWS

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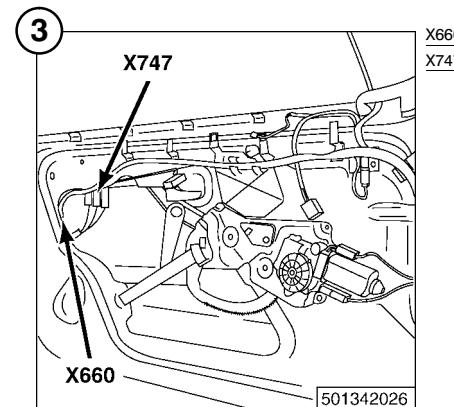
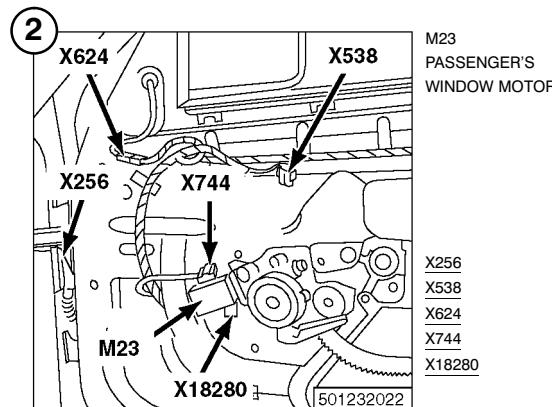
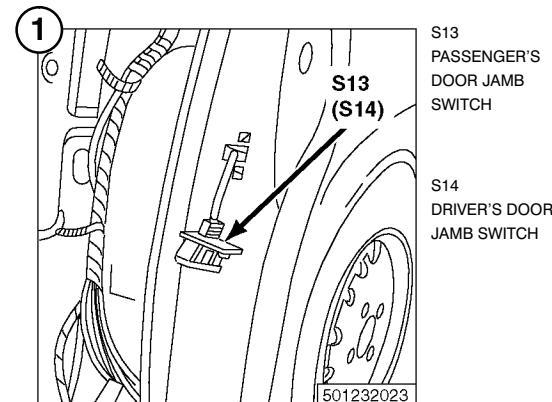
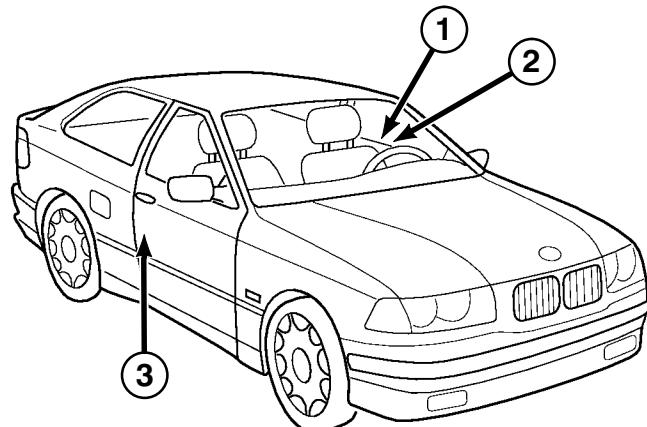
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COMPONENT LOCATION VIEWS

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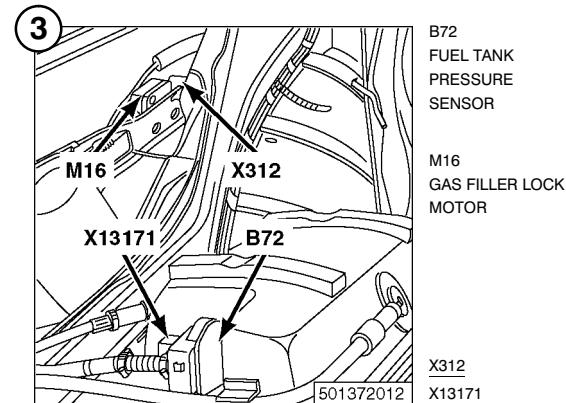
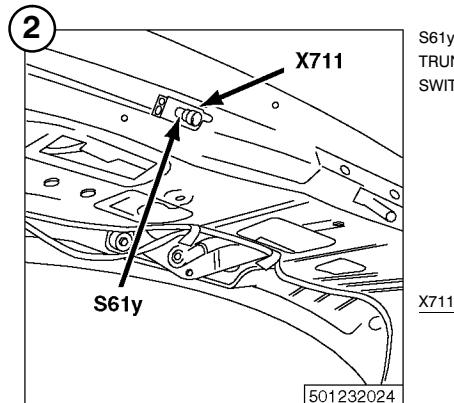
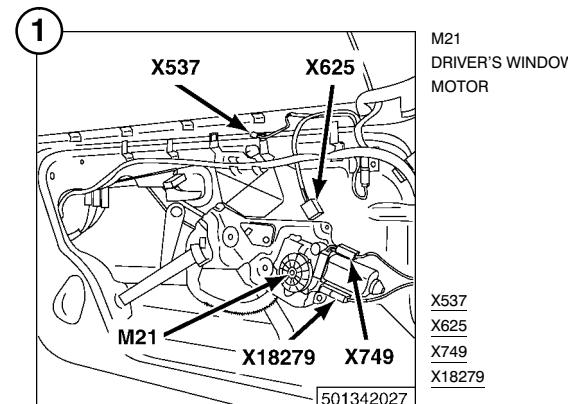
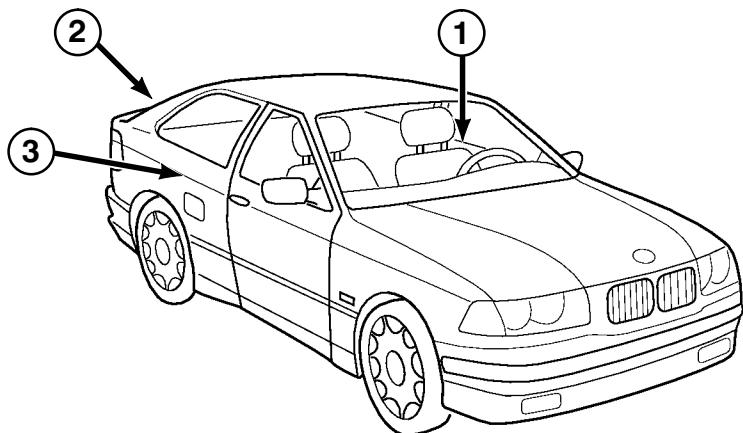


COMPONENT LOCATION VIEWS

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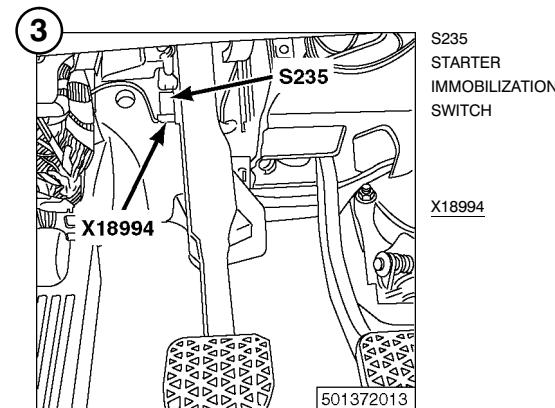
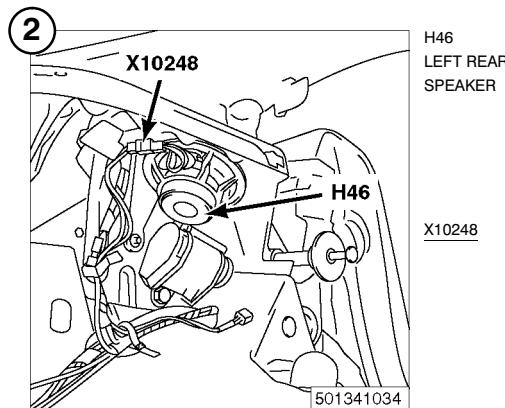
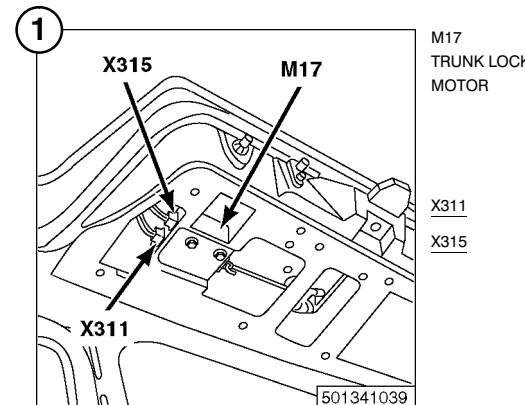
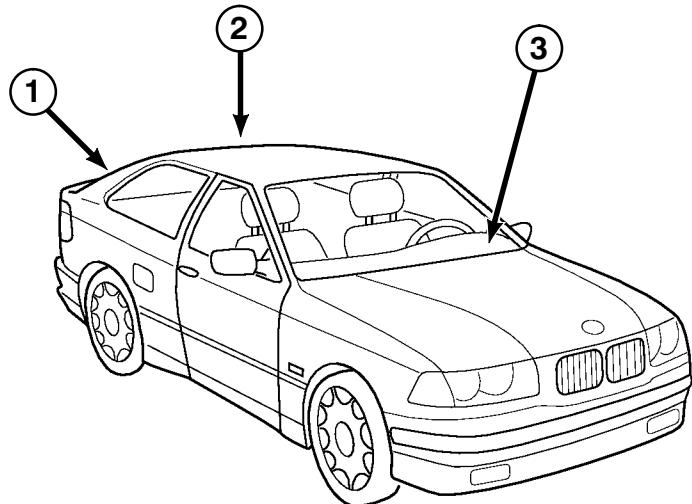


COMPONENT LOCATION VIEWS

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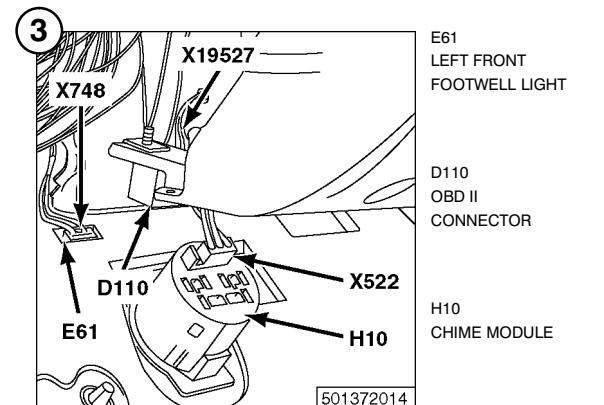
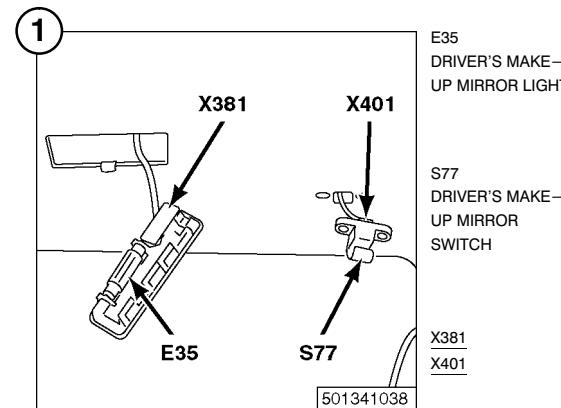
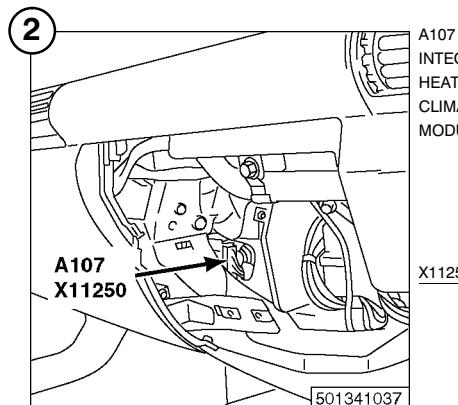
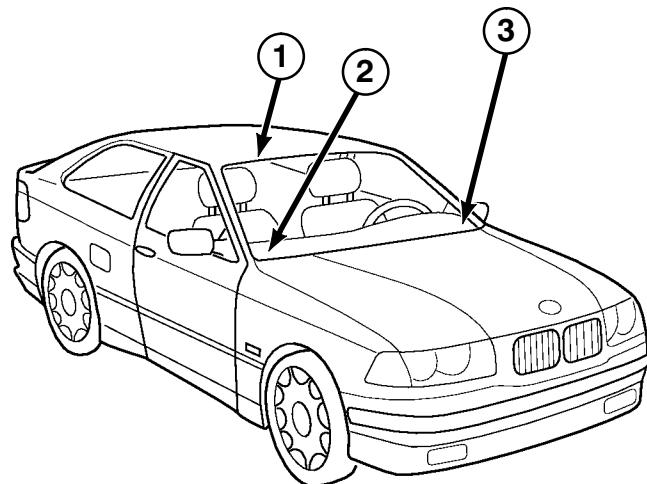


COMPONENT LOCATION VIEWS

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7100.0-24

1997

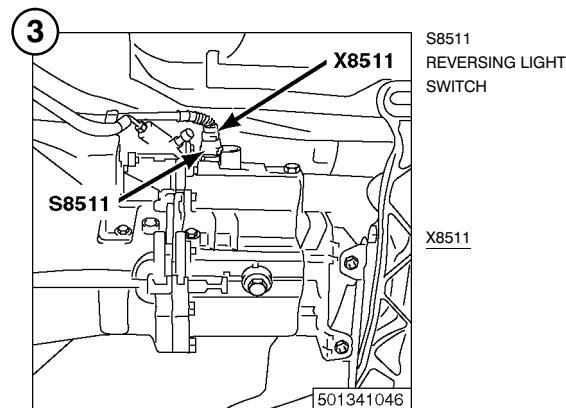
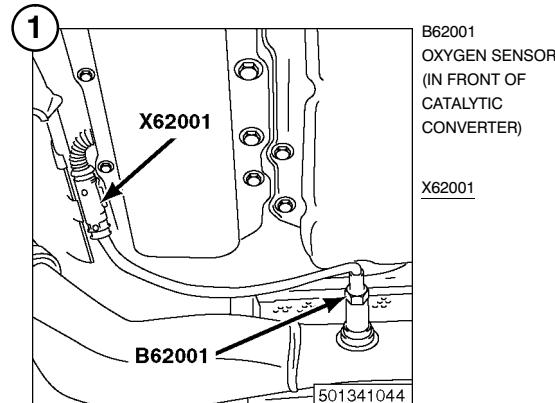
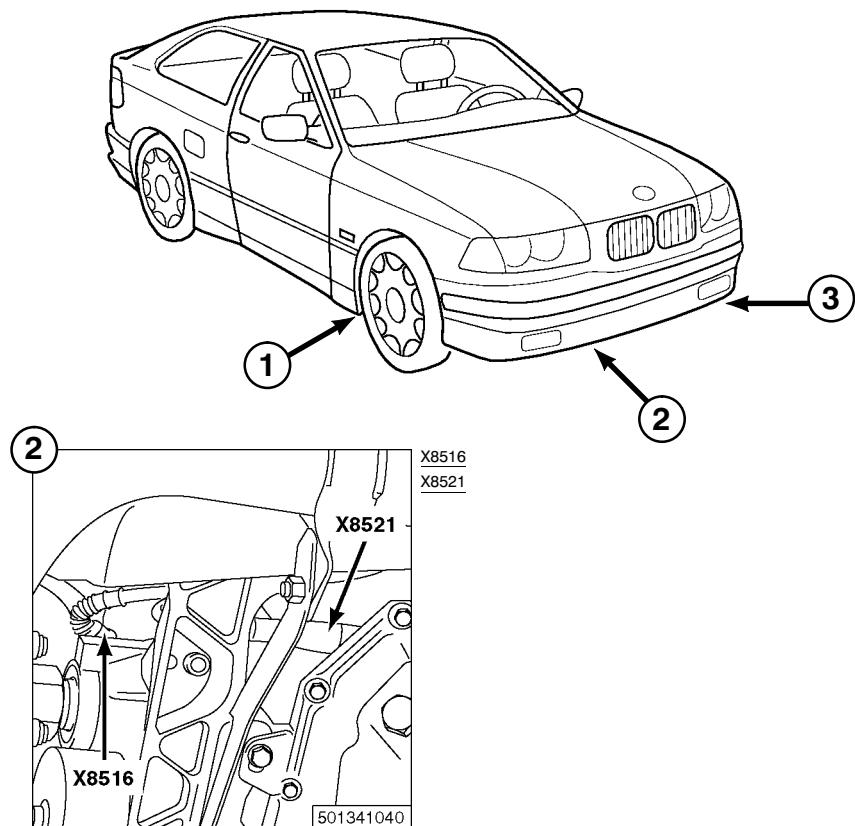


COMPONENT LOCATION VIEWS

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1997

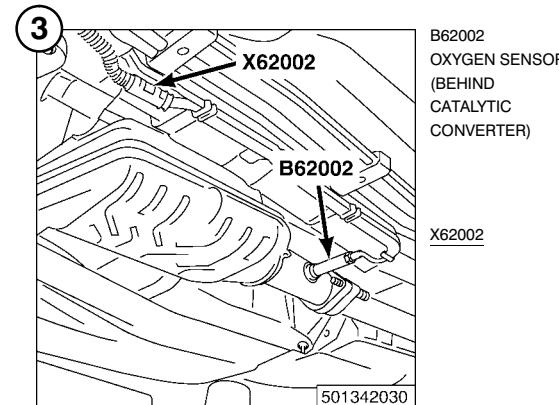
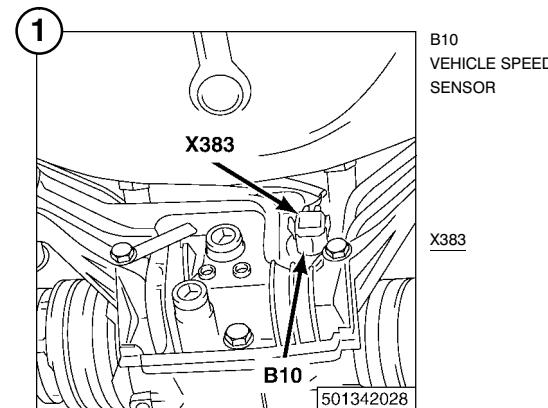
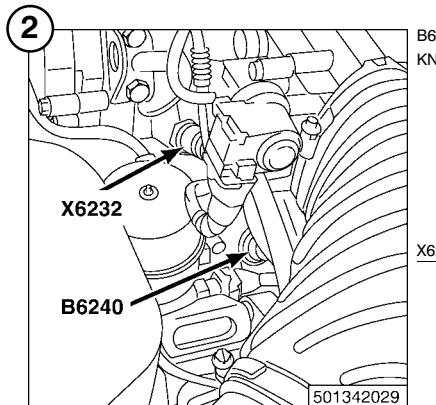
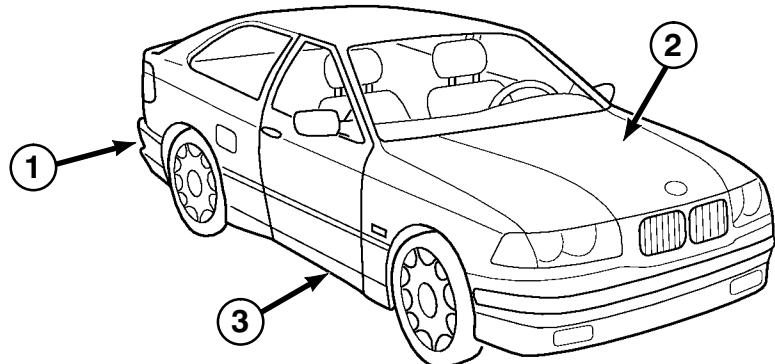


COMPONENT LOCATION VIEWS

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7100.0-26

1997

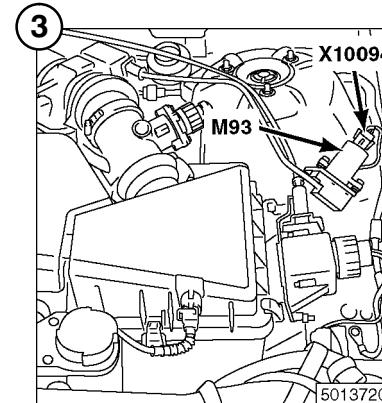
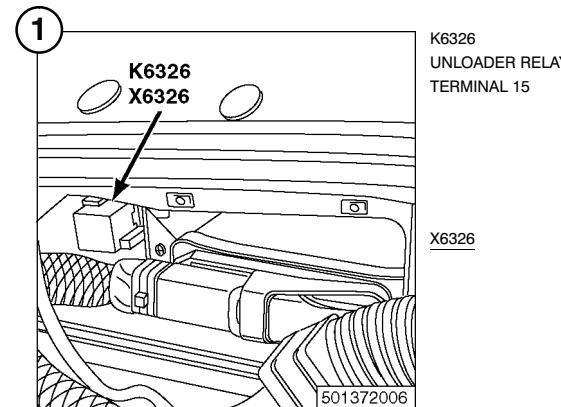
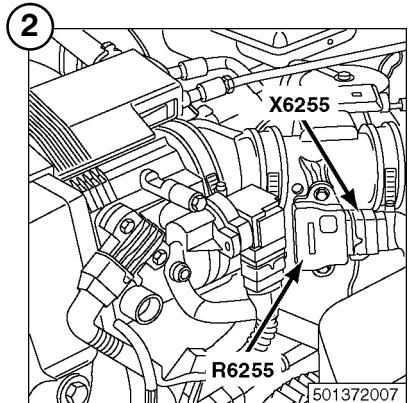
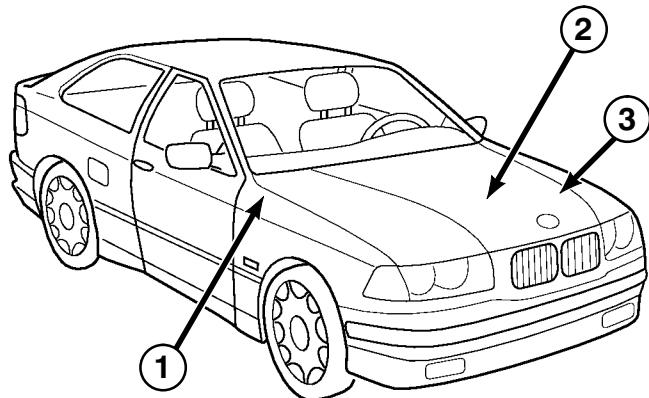


COMPONENT LOCATION VIEWS

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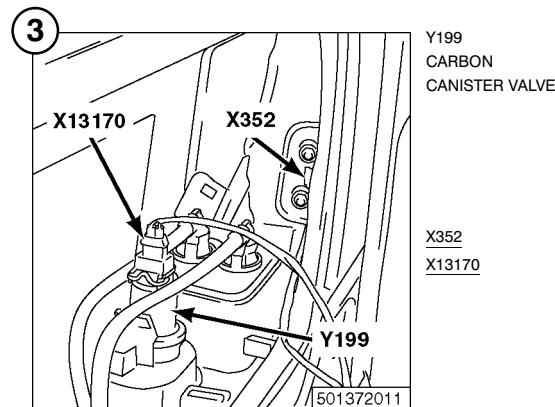
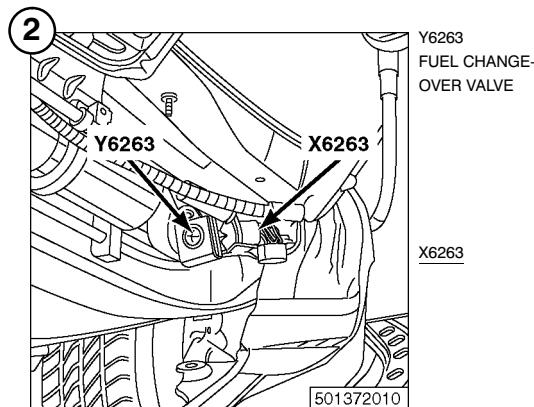
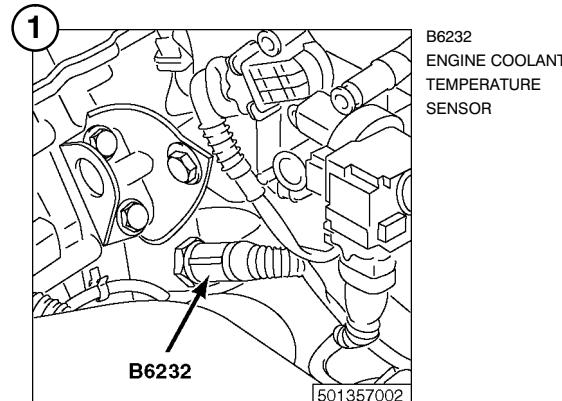
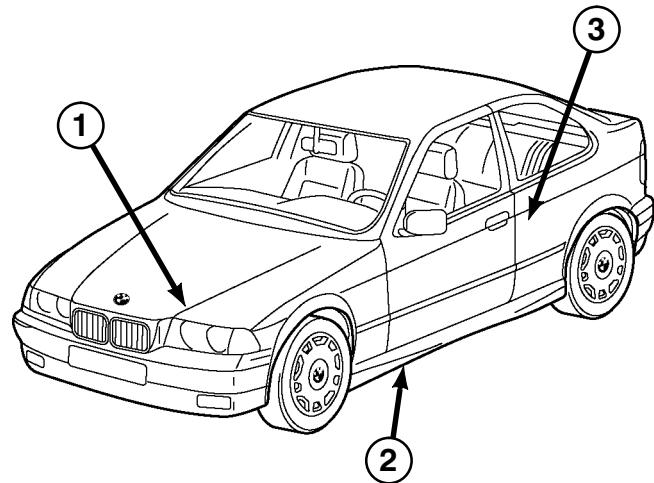
1997



COMPONENT LOCATION VIEWS

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7100.0-28





SPLICE LOCATION VIEWS

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8000.0-00

SPLICE	HARNESS	PAGE NUMBER	SPLICE	HARNESS	PAGE NUMBER
X181-X276	FRONT	8000.0-01	X8004-X8576	M44 ENGINE	8000.0-03
X428-X481	REAR	8000.0-02	X10007-X10104	FRONT	8000.0-01
X530-X595	FRONT	8000.0-01	X10118	REAR	8000.0-02
X805	REAR	8000.0-02	X10120-X10123	FRONT	8000.0-01
X824-X830	RADIO	NOT SHOWN	X10169	M44 ENGINE	8000.0-03
X849	DRIVER'S DOOR	NOT SHOWN	X10191-X10231	FRONT	8000.0-01
X876-X877	RADIO	NOT SHOWN	X10233	IHKS	NOT SHOWN
X897	IHKS	NOT SHOWN	X10252	FRONT	8000.0-01
X906	IHKS	NOT SHOWN	X10269	REAR	8000.0-02
X942	PASSENGER'S DOOR	NOT SHOWN	X10302	FRONT	8000.0-01
X1015-X1164	FRONT	8000.0-01	X11264	FRONT	8000.0-01
X1167	REAR	8000.0-02	X11268	REAR	8000.0-02
X1168-X1192	FRONT	8000.0-01	X11282-X11284	FRONT	8000.0-01
X1212-X1214	REAR	8000.0-02	X11291-X11380	REAR	8000.0-02
X1225	FRONT	8000.0-01	X11381	FRONT	8000.0-01
X1226	REAR	8000.0-02	X13000	FRONT	8000.0-01
X1233	FRONT	8000.0-01	X13002-X13011	REAR	8000.0-02
X1234-1238	REAR	8000.0-02	X13021-X13115	FRONT	8000.0-01
X1258	FRONT	8000.0-01	X13118-X13173	REAR	8000.0-02
X1263	REAR	8000.0-02	X13279	IHKS	NOT SHOWN
X1387-X1396	REAR	8000.0-02	X13289	REAR	8000.0-02
X1541-X1542	FRONT	8000.0-01	X13300-X13304	FRONT	8000.0-01
X1682	FRONT	8000.0-01	X13309	REAR	8000.0-02
X1896	REAR	8000.0-02	X13311-X13313	FRONT	8000.0-01
X6410-X6411	M44 ENGINE	8000.0-03	X16809-X16819	RADIO	NOT SHOWN
X6460-X6492	M44 ENGINE	8000.0-03	X17279-X17319	RADIO	NOT SHOWN
X6820-X6891	M44 ENGINE	8000.0-03	X18165-X18784	FRONT	8000.0-01
X7845-X7846	M44 ENGINE	8000.0-03	X19513	RADIO	NOT SHOWN

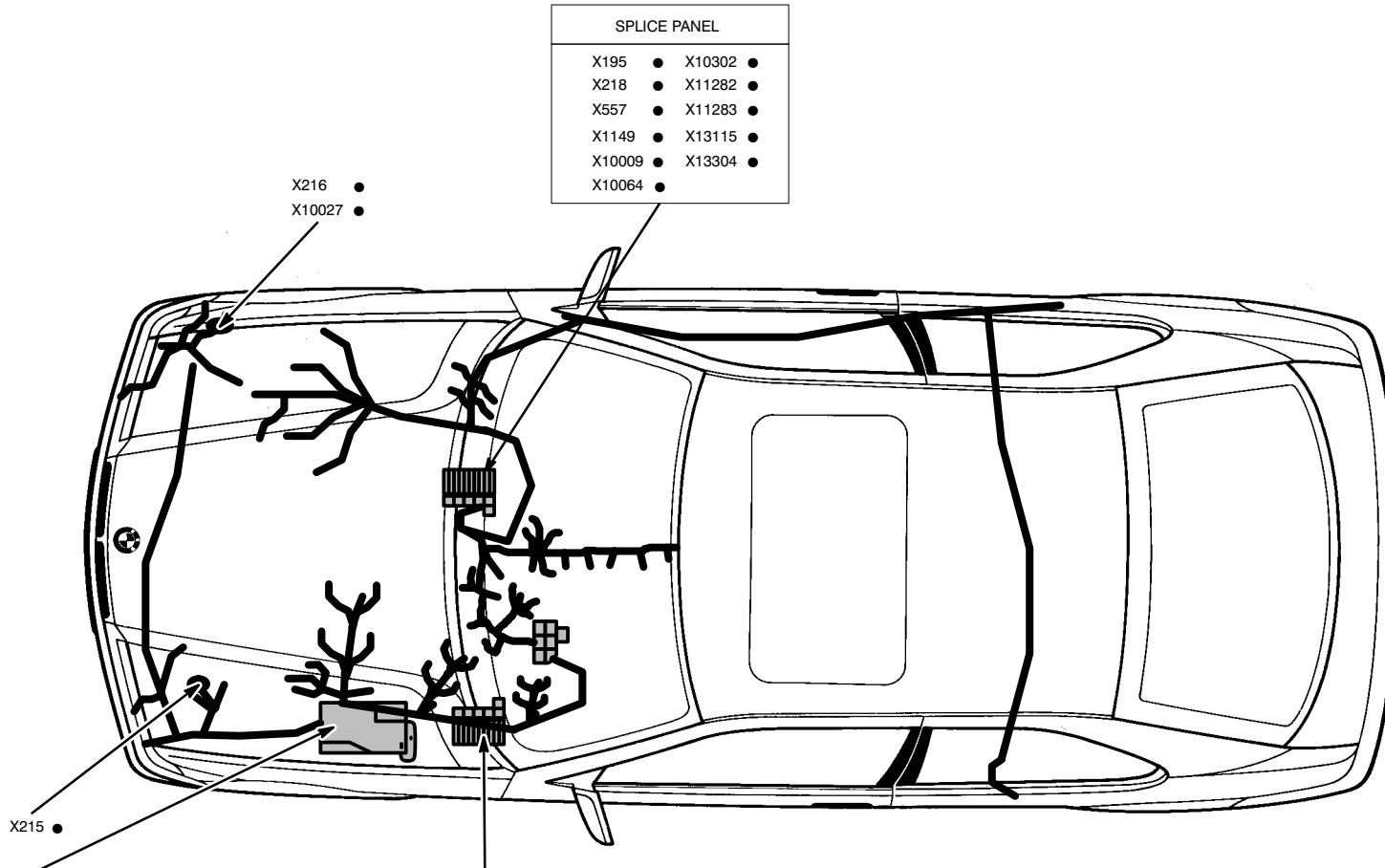
1997

SPlice Location Views

FRONT HARNESS

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80000.0-01



SPLICE PANEL

X184 ●	X245 ●	X1027 ●	X1077 ●	X1186 ●	X10022 ●	X13300 ●
X185 ●	X246 ●	X1028 ●	X1152 ●	X1192 ●	X10029 ●	X13302 ●
X186 ●	X276 ●	X1036 ●	X1163 ●	X1233 ●	X10055 ●	X18783 ●
X187 ●	X530 ●	X1055 ●	X1164 ●	X1541 ●	X10100 ●	X18784 ●
X203 ●	X595 ●	X1068 ●	X1168 ●	X10007 ●	X10192 ●	
X223 ●	X1015●	X1073 ●	X1172 ●	X10020 ●	X11284 ●	
X238 ●	X1022●	X1076 ●	X1177 ●	X10021 ●	X13000 ●	

SPLICE PANEL

X181 ●	X228 ●	X1079 ●	X1542 ●	X10061 ●	X10252 ●
X182 ●	X1019 ●	X1080 ●	X1682 ●	X10090 ●	X11264 ●
X183 ●	X1029 ●	X1085 ●	X10008 ●	X10103 ●	X11381 ●
X188 ●	X1047 ●	X1169 ●	X10011 ●	X10104 ●	X13021 ●
X191 ●	X1065 ●	X1179 ●	X10024 ●	X10120 ●	X13311 ●
X196 ●	X1066 ●	X1182 ●	X10028 ●	X10123 ●	X13312 ●
X197 ●	X1067 ●	X1225 ●	X10029 ●	X10191 ●	X13313 ●
X213 ●	X1069 ●	X1258 ●	X10060 ●	X10231 ●	X18165 ●

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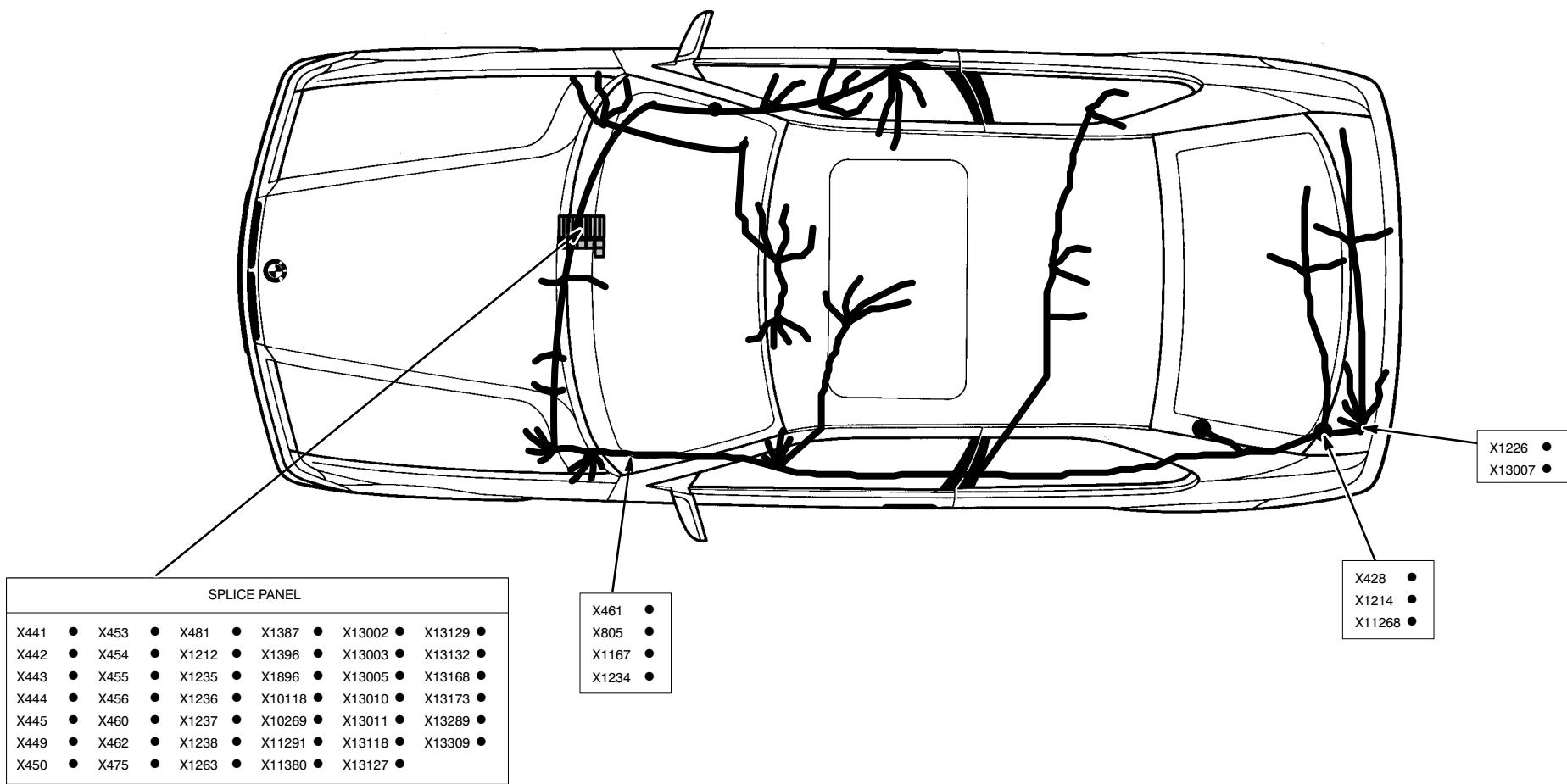
SPICE LOCATION VIEWS

REAR HARNESS

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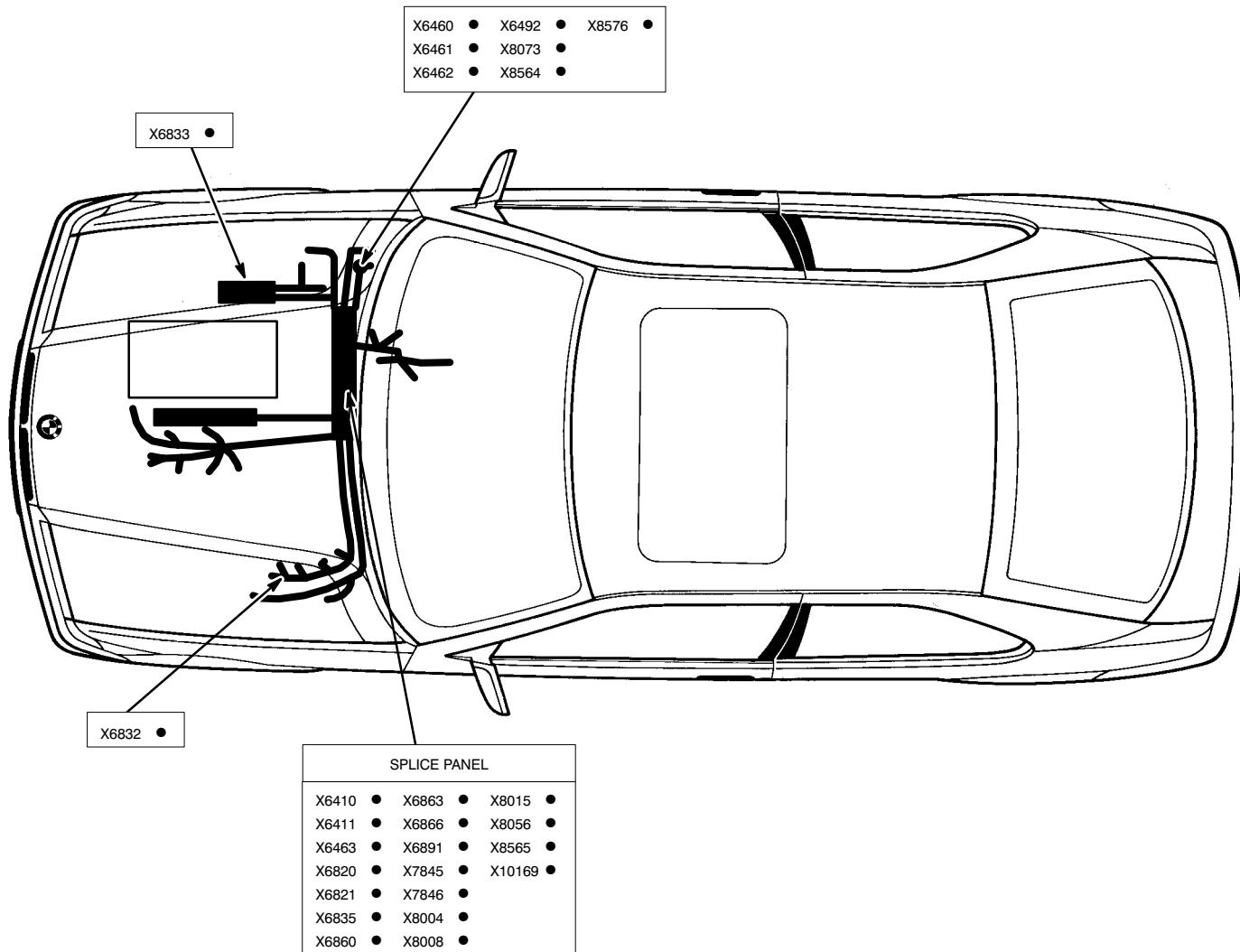
SPLICE LOCATION VIEWS

ENGINE HARNESS

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1997



CONNECTOR VIEWS

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1997

FIG. 1

B200003.02

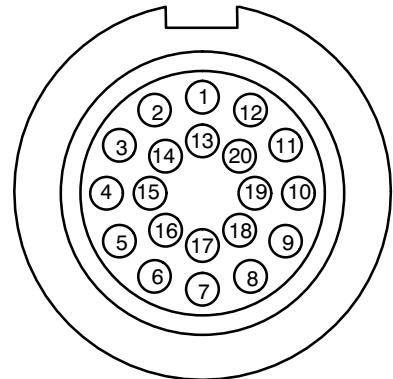


FIG. 2

B260005.01

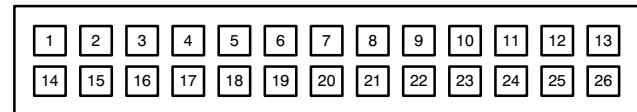


FIG. 3

B150003.00

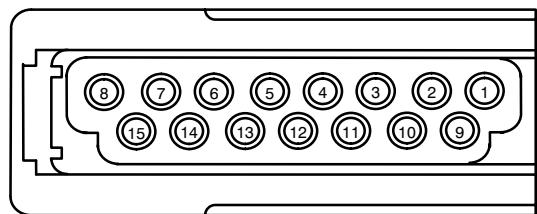
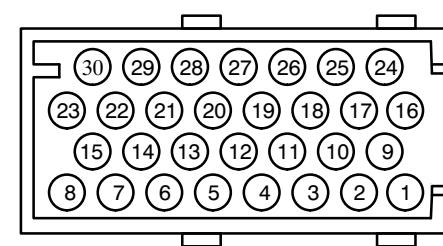


FIG. 4

B300001.00



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FIG. 1

B030024

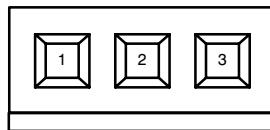


FIG. 2

B060042

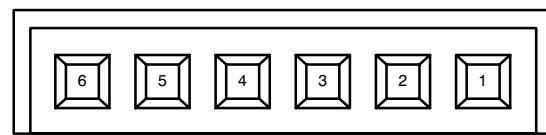


FIG. 3

B120001.00

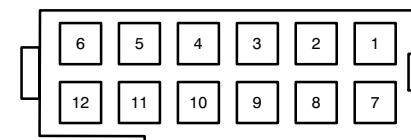


FIG. 4

B080002.00

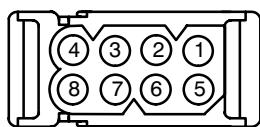


FIG. 5

B180000.00

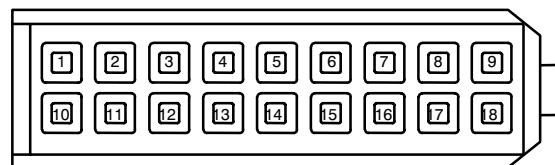
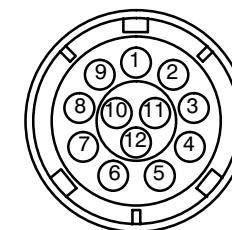


FIG. 6

B120015



CONNECTOR VIEWS

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FIG. 1

B060046.00

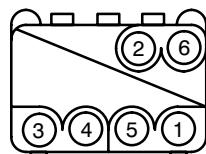


FIG. 2

B170001.00

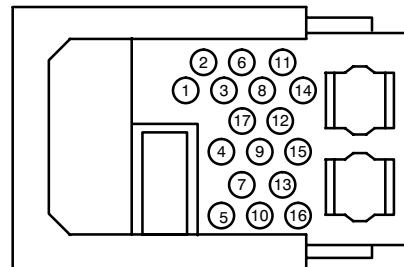


FIG. 3

B100008.00

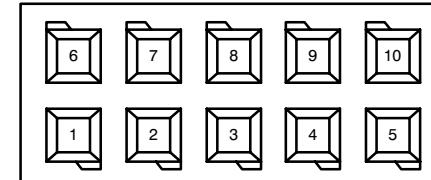


FIG. 4

B120004.01

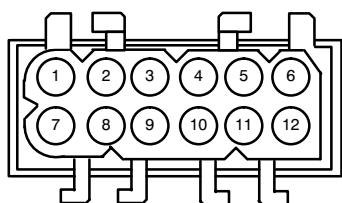


FIG. 5

B090006.00

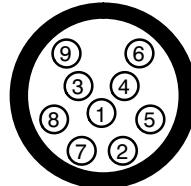
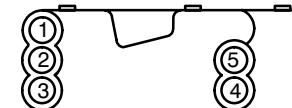


FIG. 6

B050003.00



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FIG. 1

B040004.00

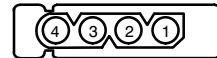


FIG. 2

B030018.02

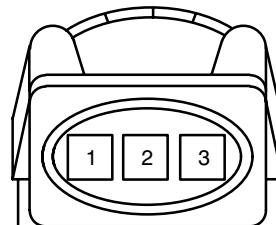


FIG. 3

B080001.00

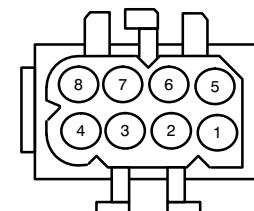


FIG. 4

B090002.00

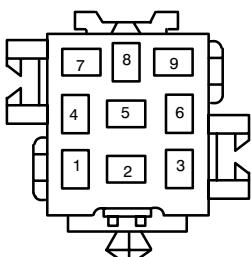


FIG. 5

B210002.00

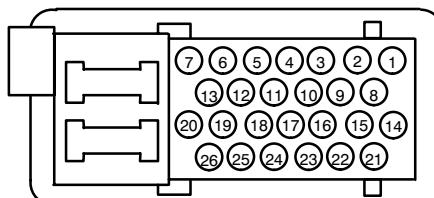


FIG. 6

B060001.02

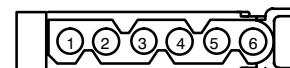


FIG. 1

B500000.00

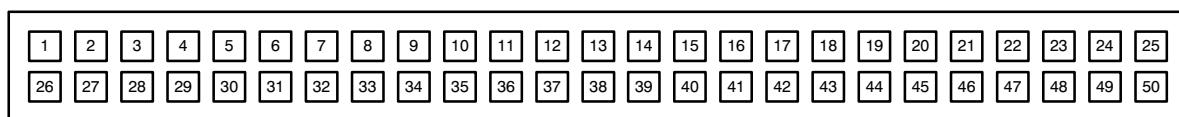


FIG. 2

B250001.01



FIG. 3

B060019.02

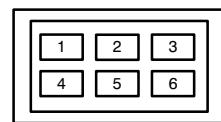
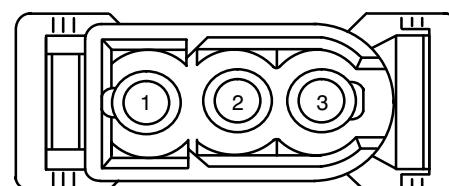


FIG. 4

B030029.00



CONNECTOR VIEWS

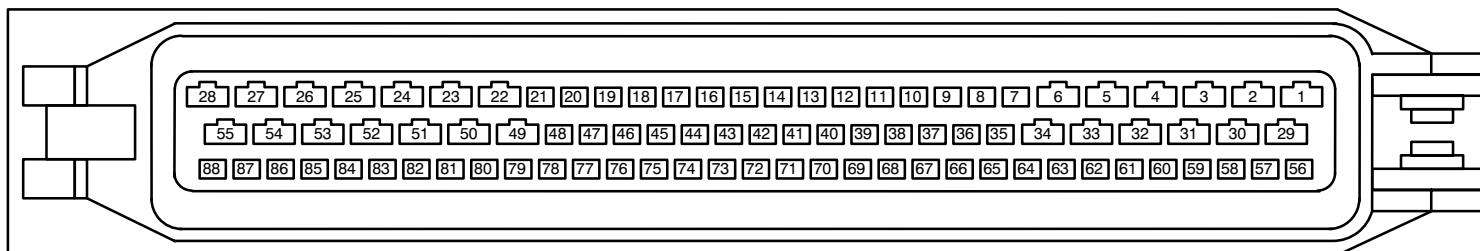
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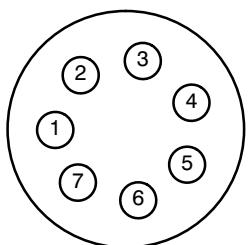
1997

FIG. 1

B880001.00

**FIG. 2**

B070013.00

**FIG. 3**

B030006.00



CONNECTOR VIEWS

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FIG. 1

B040023.03

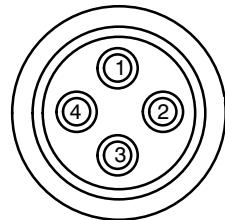


FIG. 2

B250004.00

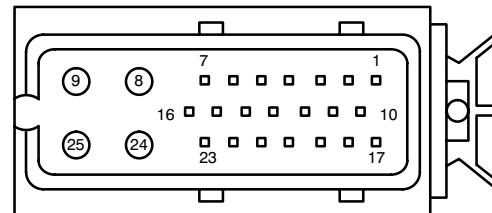


FIG. 3

B040029.01

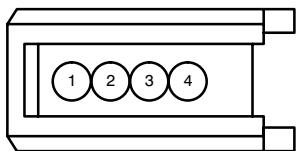


FIG. 4

B030025.00

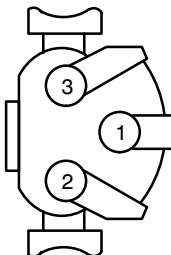
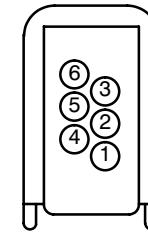


FIG. 5

B060041.00



CONNECTOR VIEWS

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FIG. 1

B040026

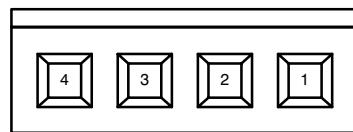


FIG. 2

B260005.00

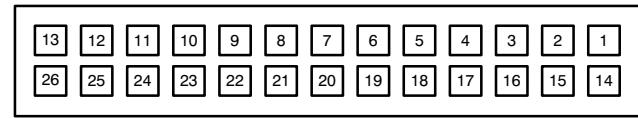


FIG. 3

B420000.00

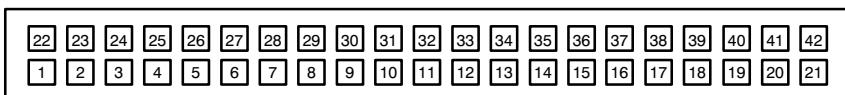
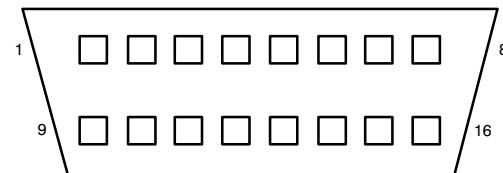


FIG. 4

B160002.00



CONNECTOR VIEWS

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FIG. 1

B040027.00

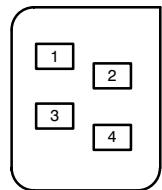


FIG. 2

B070012.00

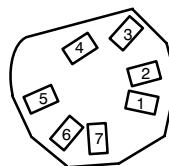


FIG. 3

B120002.02

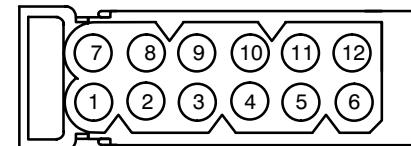


FIG. 4

B070005.00

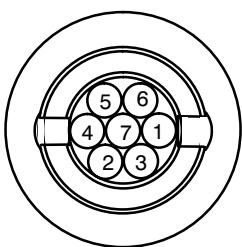


FIG. 5

B030015.08

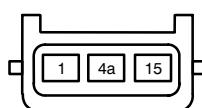
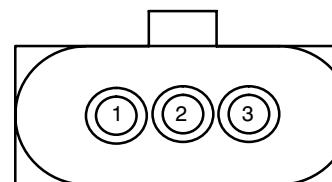


FIG. 6

B030047.00



CONNECTOR VIEWS

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8500.0-09

1997

FIG. 1

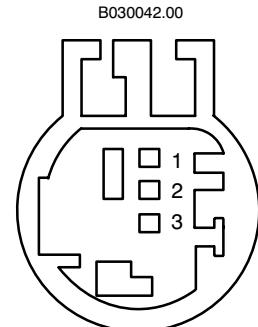


FIG. 2

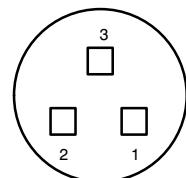


FIG. 3

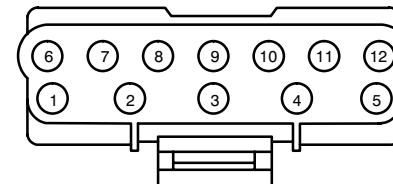


FIG. 4

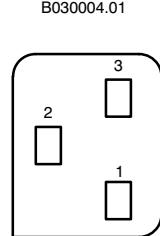


FIG. 5

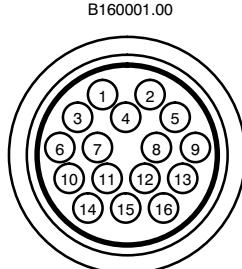


FIG. 6

