

1992
BMW
318is, 325i
(E36)

Electrical
Troubleshooting
Manual

Vehicles Produced 4/91 to 8/92



ELECTRICAL TROUBLESHOOTING MANUAL

3 SERIES – E36 (318is, 325i)

SCHEMATICS

MODEL YEAR 1992

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Schematics

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

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

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

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

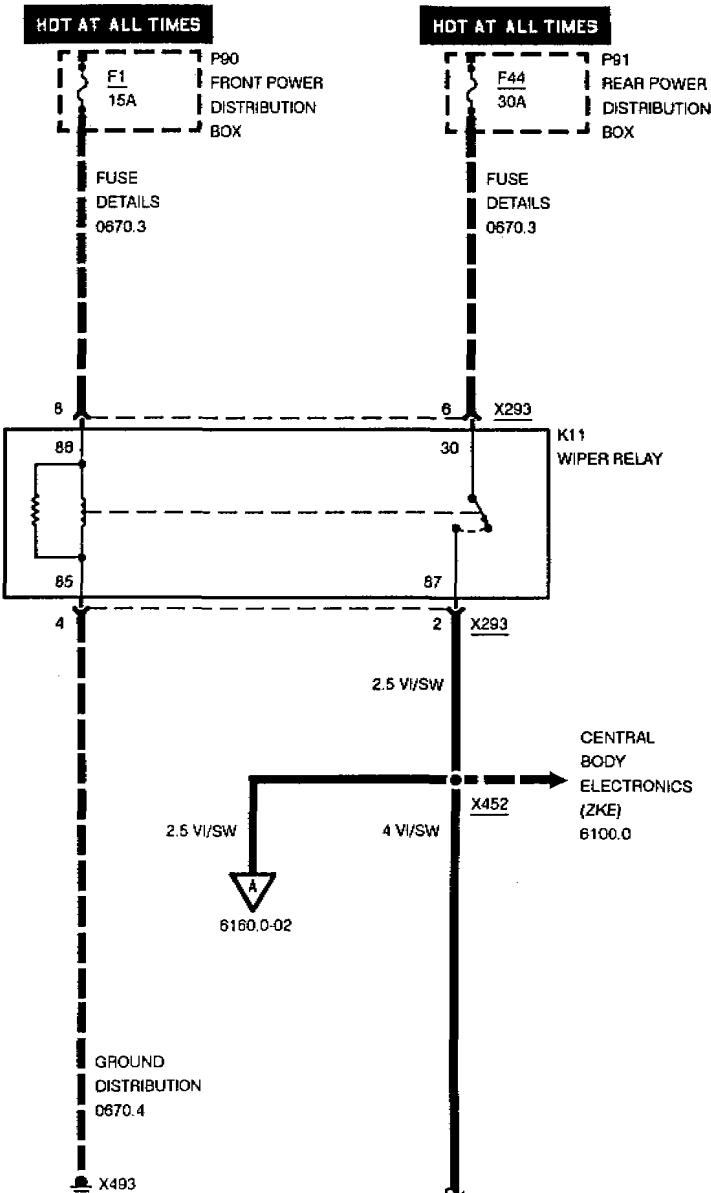
In cell **7000.0 Component Location Chart** all important connectors, ground points and components are listed in tabular form. It provides a precise description of the component locations in the vehicle.

In cell **7100.0 Component Location Views** the location of connectors and components which are difficult to locate are shown in line arts or illustrations. In cell **8000.0 Splice Location Views** all splices are listed in numerical order and illustrations are provided to assist in locating splices on larger harnesses. In cell **8500.0 Connector Views** diagrams of connectors with more than 2 pins are illustrated.

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

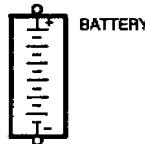
Example

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

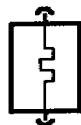


General Conventions

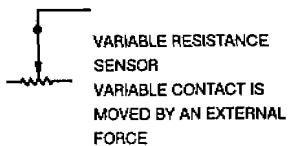
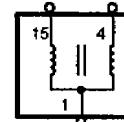
1. Switches and relays are always shown in rest position (e.g. K11).
2. A component shown in a dashed frame signifies that the component is illustrated only in part (e.g. P90 and P91).
3. A component shown in a completely drawn frame signifies that the component is illustrated in full (e.g. K11).
4.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



BATTERY



HEATING ELEMENT

VARIABLE RESISTANCE
SENSOR
VARIABLE CONTACT IS
MOVED BY AN EXTERNAL
FORCE

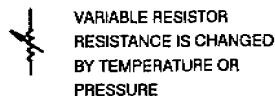
IGNITION COIL



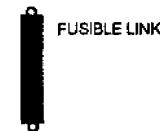
FUSE DETAILS



LOUDSPEAKER OR HORN

VARIABLE RESISTOR
RESISTANCE IS CHANGED
BY TEMPERATURE OR
PRESSURE

CONTROL/POWER ELECTRONICS



FUSIBLE LINK



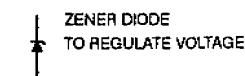
LIGHT

DIODE
CURRENT CAN FLOW ONLY
IN DIRECTION OF ARROW

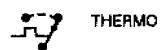
RADIO



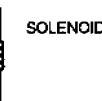
CIRCUIT BREAKER

PERMANENT MAGNET MOTOR
ONE SPEEDZENER DIODE
TO REGULATE VOLTAGE

TRANSISTORIZED SWITCH



THERMO SWITCH



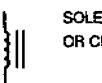
SOLENOID

PERMANENT MAGNET MOTOR
TWO SPEEDS

LIGHT EMITTING DIODE



INDUCTIVE SENSOR

SOLENOID CONTROLLED VALVE
OR CLUTCH SOLENOID

KNOCK SENSOR



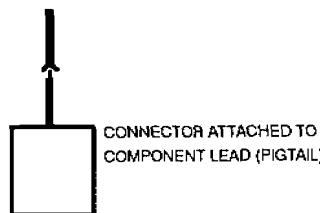
OXYGEN SENSOR



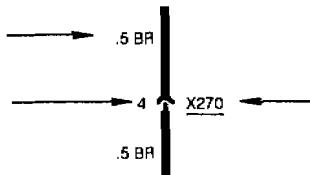
VEHICLE SPEED SENSOR

SYMBOLS

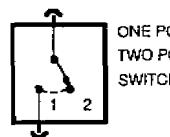
ENTIRE COMPONENT SHOWN

CONNECTOR ATTACHED TO
COMPONENT LEAD (PIGTAIL)WIRE INSULATION
IS ONE COLOR

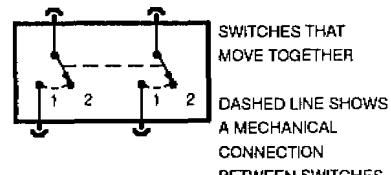
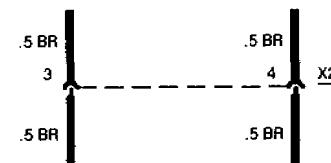
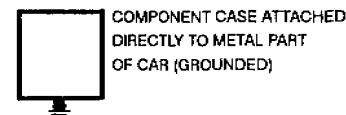
PIN NUMBER

CONNECTOR REFERENCE
NUMBER FOR COMPONENT
LOCATION CHART

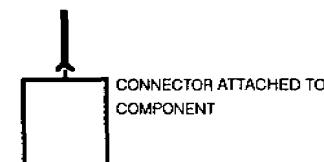
PART OF COMPONENT SHOWN

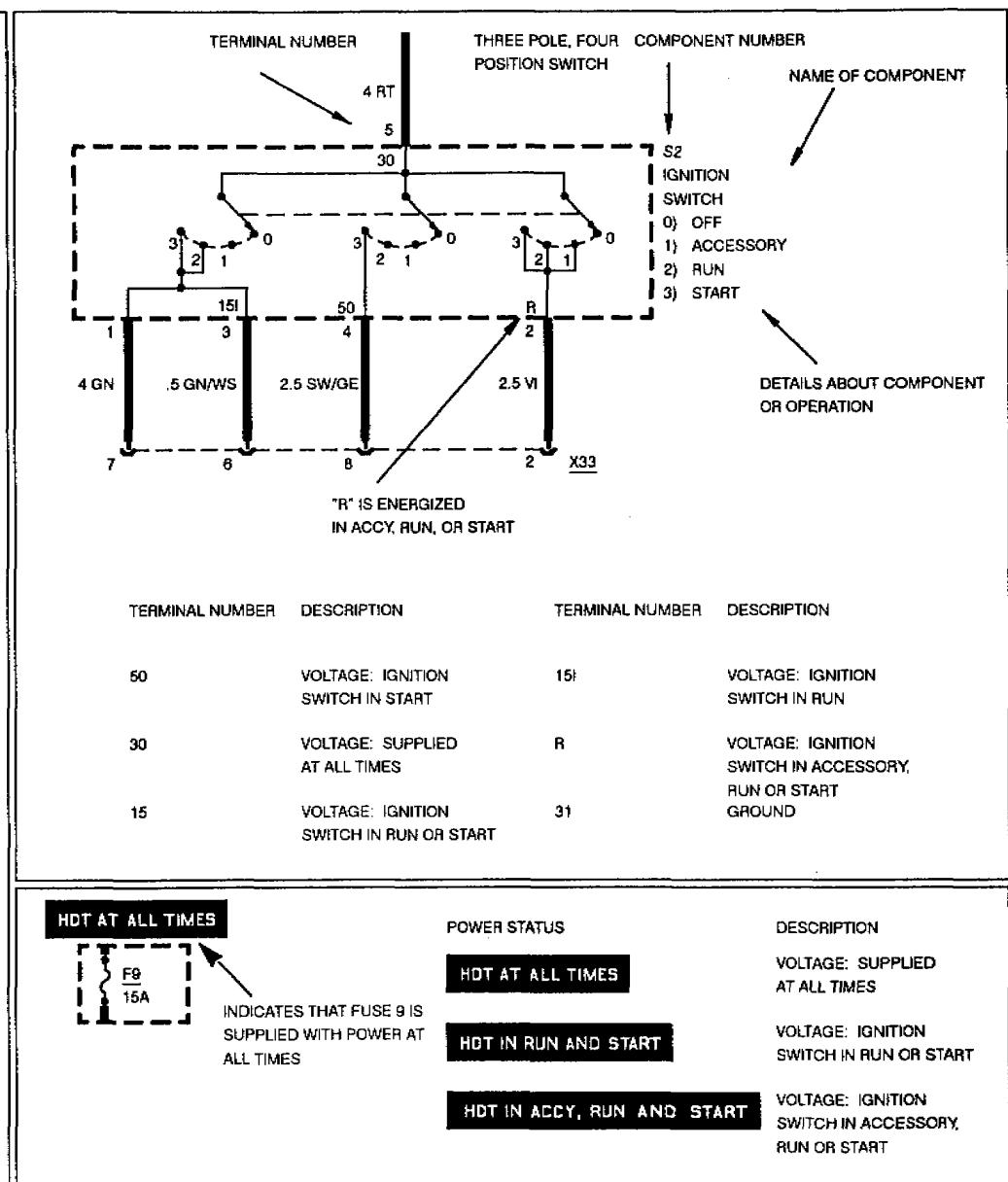
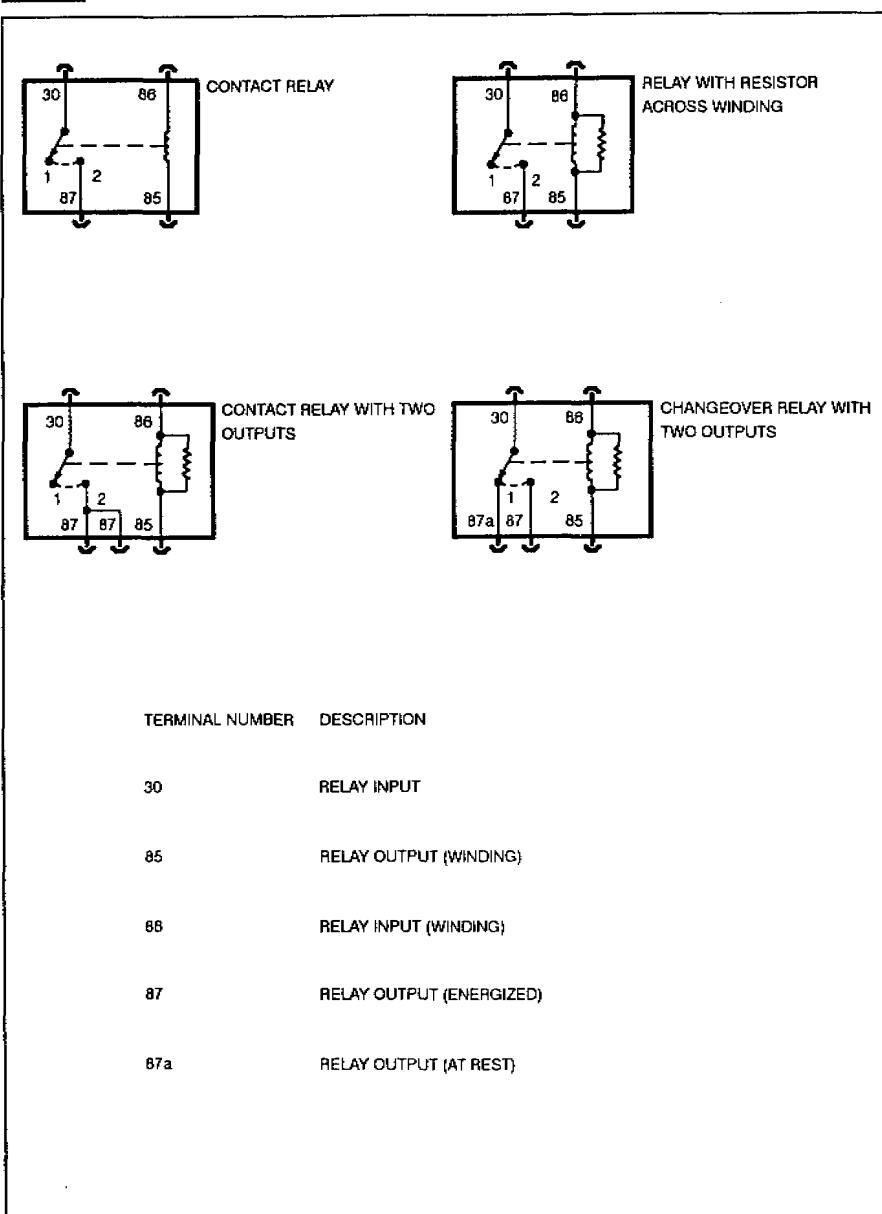
ONE POLE,
TWO POSITION
SWITCHWIRE INSULATION
IS ONE COLOR WITH
ANOTHER COLOR
STRIPE
(GREEN WITH WHITE)

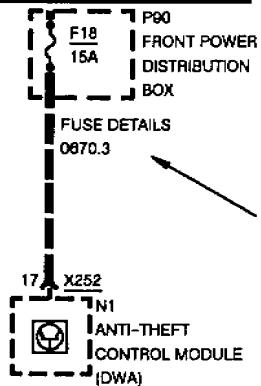
.75 GN/WS

A WAVY LINE MEANS WIRE
IS CONTINUEDCOMPONENT WITH SCREW
TERMINALSSWITCHES THAT
MOVE TOGETHER
DASHED LINE SHOWS
A MECHANICAL
CONNECTION
BETWEEN SWITCHESTWO CONNECTIONS
(PINS) IN THE SAME
CONNECTORCOMPONENT CASE ATTACHED
DIRECTLY TO METAL PART
OF CAR (GROUNDED)

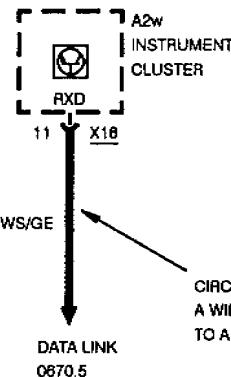
WIRE COLOR	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE
TR	TRANSPARENT

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

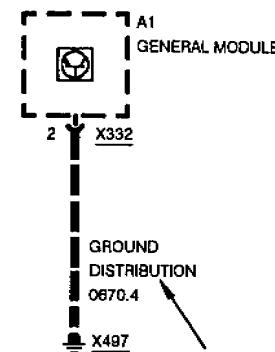


SYMBOLS**HDT IN ACCY, RUN AND START**

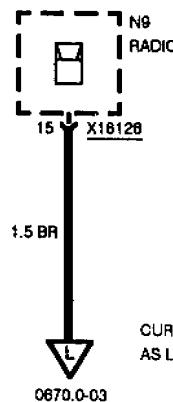
THE COMPLETE WIRE PROGRESSION AND FURTHER CIRCUITS CONNECTED TO FUSE 18 ARE SHOWN IN CELL "0670.3 FUSE DETAILS" AT FUSE 18



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

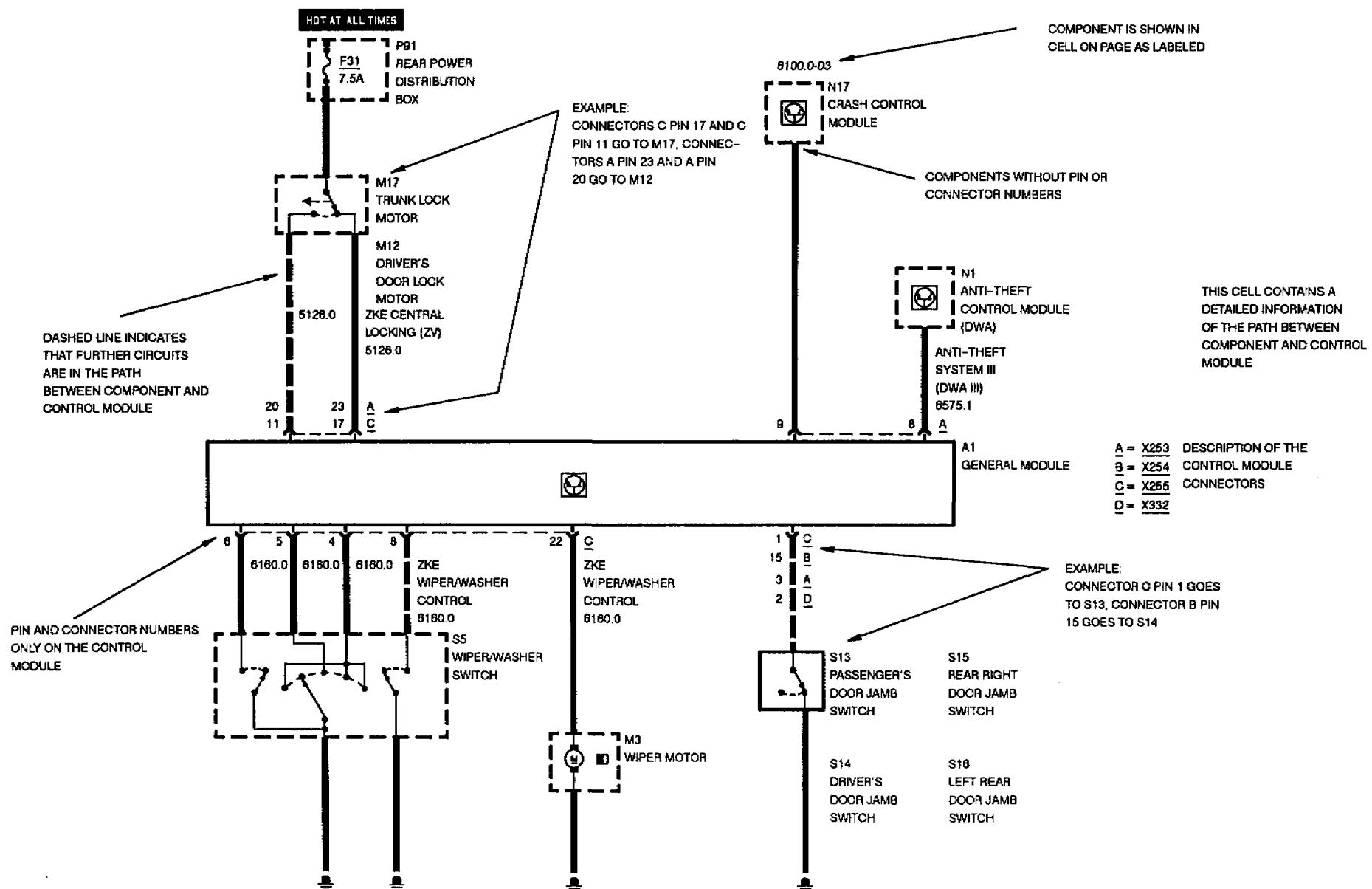


ARROW SHOWS DIRECTION OF CURRENT FLOW AND IS REPEATED WHERE CURRENT PATH CONTINUES



SYMBOLS

BLOCK DIAGRAM





()

()

()

0670.0



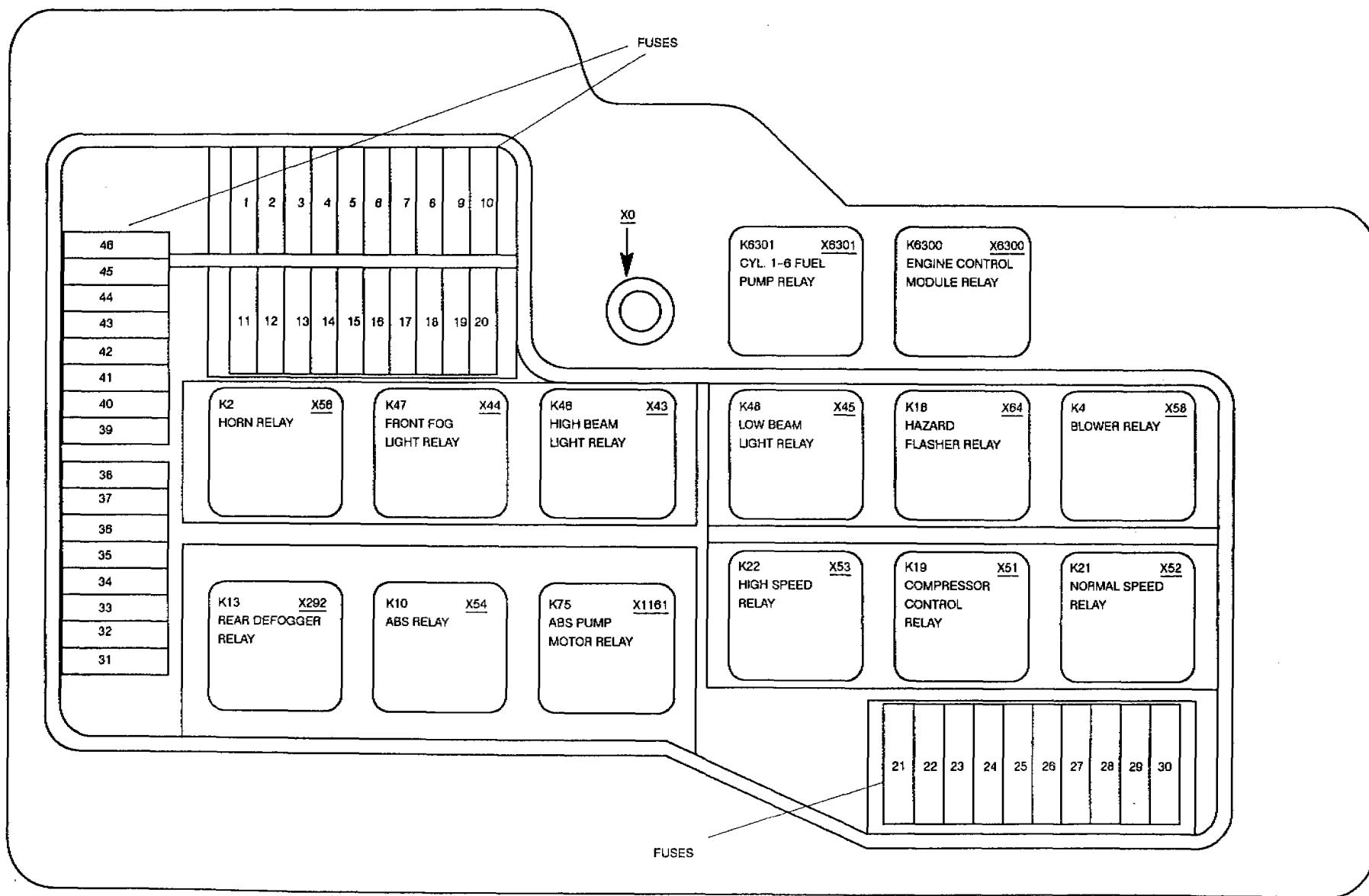
POWER DISTRIBUTION CHART

FRONT POWER DISTRIBUTION BOX

11/92

0670.0-00

1992





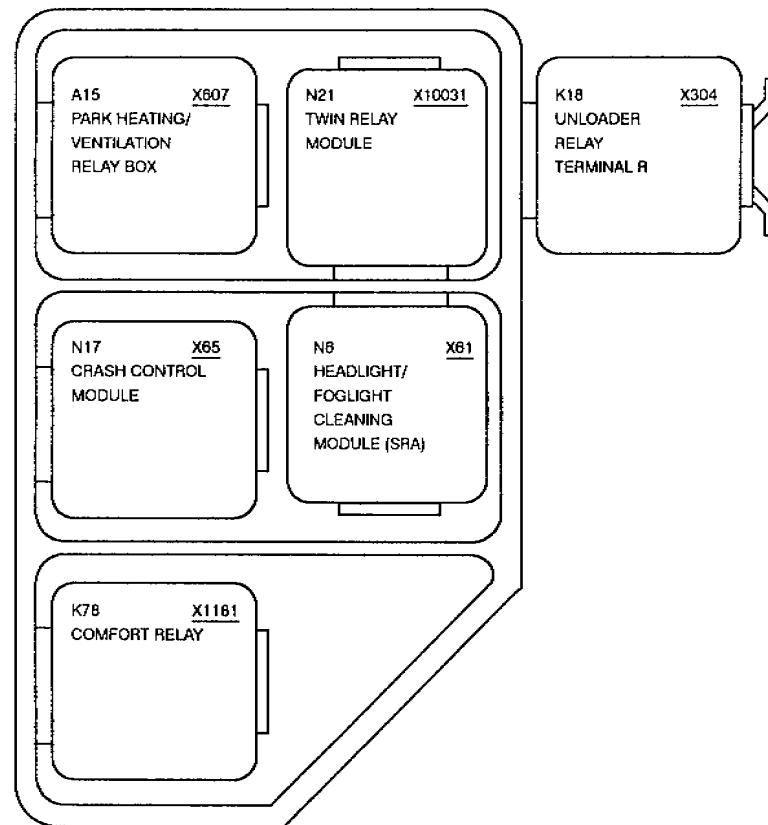
POWER DISTRIBUTION CHART

RELAY PANEL UNDER LH SIDE OF DASHBOARD

11/92

0670.0-01

1992





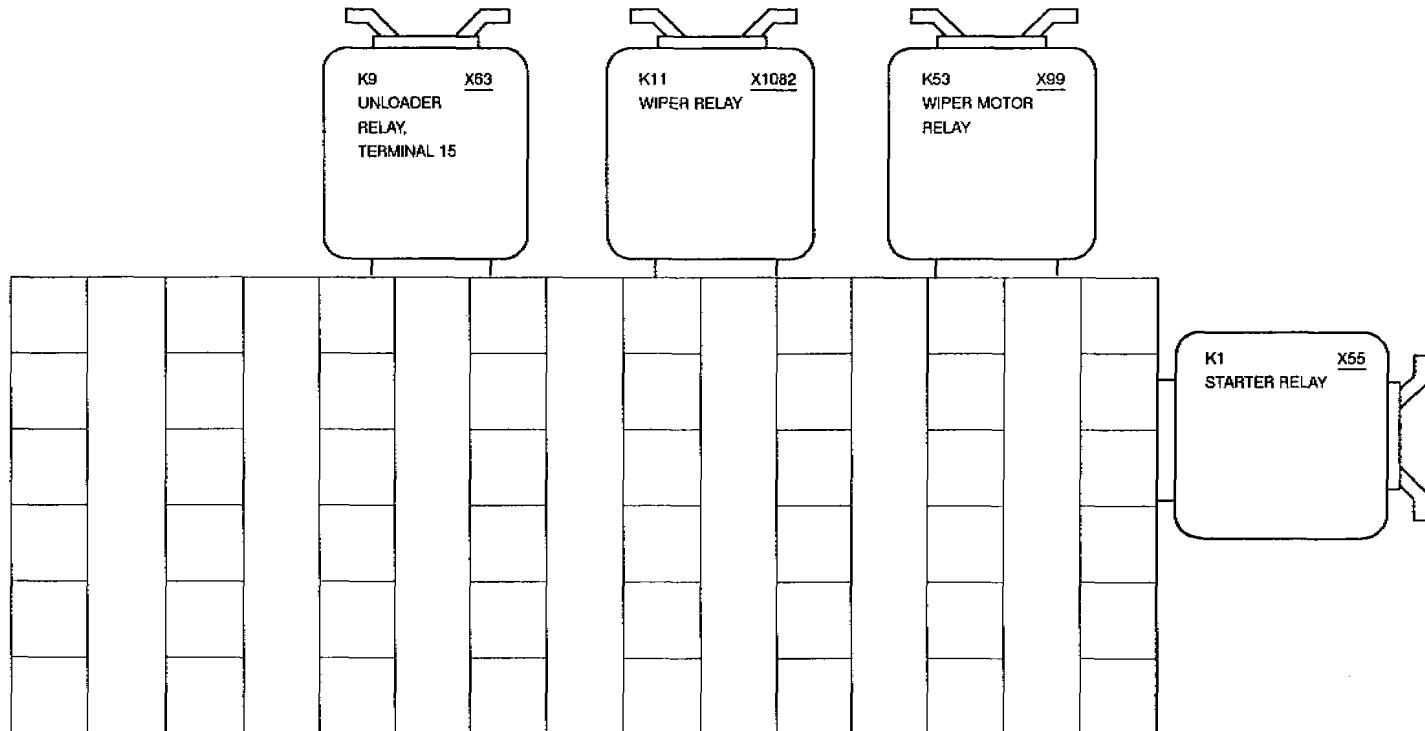
POWER DISTRIBUTION CHART

SPlice PANEL UNDER LH SIDE OF DASHBOARD

11/92

0670.0-02

1992





0670.1



FUSE CHART

FUSES 1 TO 29

11/92

0670.1-00

1992

	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	30A	15A	30A	20A	5A	15A	20A	30A	7.5A	7.5A	5A	30A	5A	5A	15A	15A	30A	5A	5A	10A	5A	15A	5A	5A	7.5A							
1210.7 ENGINE CONTROL SYSTEM (DME M3.1, 6-CYLINDER M50)																●	●											●				
1210.9 ENGINE CONTROL SYSTEM (DME M1.7, 4-CYLINDER M42)																		●														
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)																●								●					●			
5116.0 POWER MIRRORS																●												●				
5126.2 CENTRAL LOCKING MODULE II (ZVM II)																																
5133.1 POWER WINDOWS (FH)																		●	●													
5200.0 POWER SEATS															●																	
5203.0 HEATED SEATS														●														●				
5410.1 POWER SUN ROOF (SHD)	●																		●													
6133.0 HORN																		●														
6160.1 WIPER/ WASHER MODULE (WWM)																																
6167.1 HEADLIGHT WASHER (SRA)														●																		
6211.0 INSTRUMENT CLUSTER																												●			●	
6213.2 MULTI-FUNCTION CLOCK																												●			●	
6300.0 LIGHT SWITCH DETAILS																												●			●	



FUSE CHART

FUSES 1 TO 29

1
192

0670-1-01

1992



FUSE CHART

FUSE 30 TO 46

	FUSE NUMBER															
	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
	7.5A	5A	30A	10A	15A	25A	30A	10A	30A	7.5A	30A	30A	5A	15A	7.5A	15A
1210.7 ENGINE CONTROL SYSTEM (DME M3.1, 6-CYLINDER M50)																
1210.9 ENGINE CONTROL SYSTEM (DME M1.7, 4-CYLINDER M42)																
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)									●						●	
5116.0 POWER MIRRORS																
5126.2 CENTRAL LOCKING MODULE II (ZVM II)							●					●				
5133.1 POWER WINDOWS (FH)																
5200.0 POWER SEATS										●						
5203.0 HEATED SEATS																
5410.1 POWER SUN ROOF (SHD)																
6133.0 HORN																
6160.1 WIPER/ WASHER MODULE (WWM)								●	●				●	●		
6167.1 HEADLIGHT WASHER (SRA)																
6211.0 INSTRUMENT CLUSTER		●												●		
6213.2 MULTI-FUNCTION CLOCK		●								●			●	●		
6300.0 LIGHT SWITCH DETAILS				●												



FUSE CHART

FUSE 30 TO 46

11/92

0670.1-03

	FUSE NUMBER															
	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
	7.5A	5A	30A	10A	15A	25A	30A	10A	30A	7.5A	30A	30A	5A	15A	7.5A	15A
6312.0 HEADLIGHTS/ FOG LIGHTS	●															
6313.0 TURN/HAZARD LIGHTS				●												
6314.0 PARK/TAIL LIGHTS				●			●									
6320.0 LICENSE PLATE/ LUGGAGE COMPARTMENT LIGHTS																
6322.0 BACK UP LIGHTS																
6325.0 BRAKE LIGHTS													●			
6330.3 INTERIOR LIGHTS				●						●						
6332.1 GLOVE BOX LIGHT/CASSETTE BOX/ASHTRAY LIGHT/ CHARGING SOCKET/CIGAR LIGHTER		●	●				●				●					
6350.0 CRASH CONTROL MODULE				●												
6412.5 PARK VENTILATION WITH IHKR																
6424.0 REAR WINDOW DEFOGGER																
6450.4 INTEGRATED CLIMATE REGULATION (IHKA E36)		●					●	●	●							
6510.0 RADIO/STEREO												●				
6510.1 RADIO/HIFI												●				
6561.0 CELLULAR TELEPHONE (PROVISIONS)			●								●					
6571.0 CRUISE CONTROL (TEMPOMAT)				●								●		●		
6575.2 ANTI-THEFT SYSTEM (ALPINE)				●								●				
6581.2 ON-BOARD COMPUTER (BC V)		●	●				●					●	●			

1992

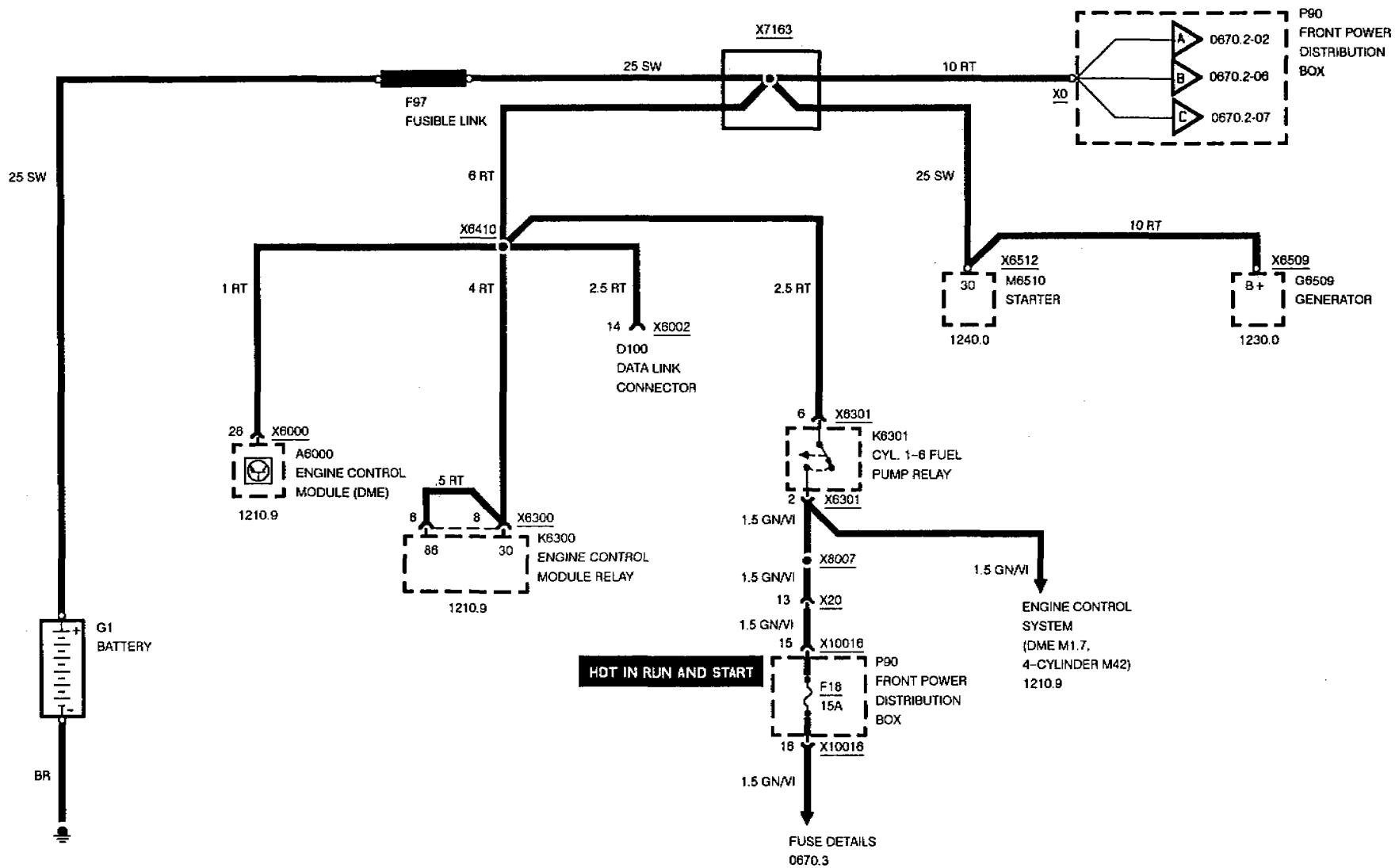


POWER DISTRIBUTION

318is

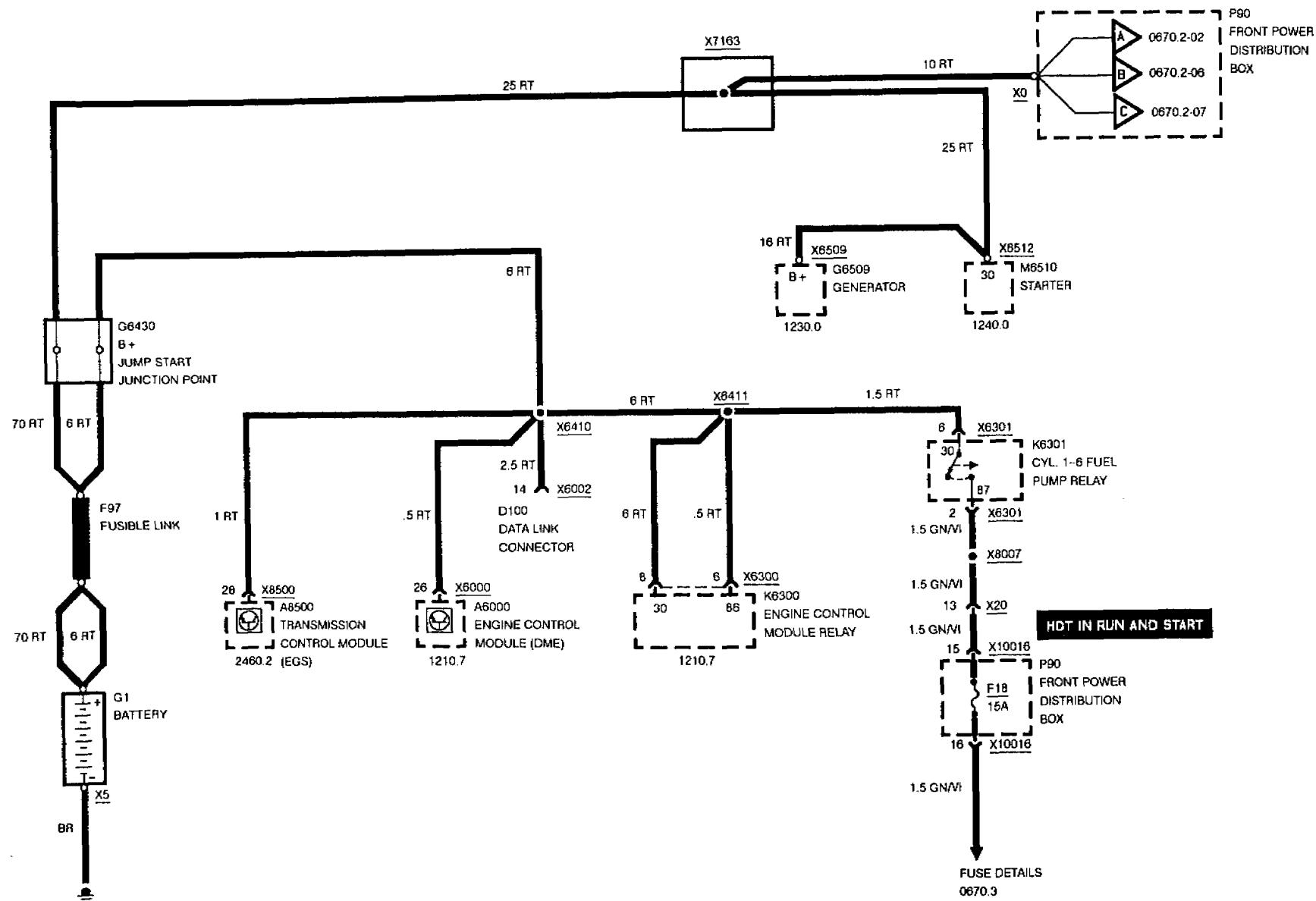
318is

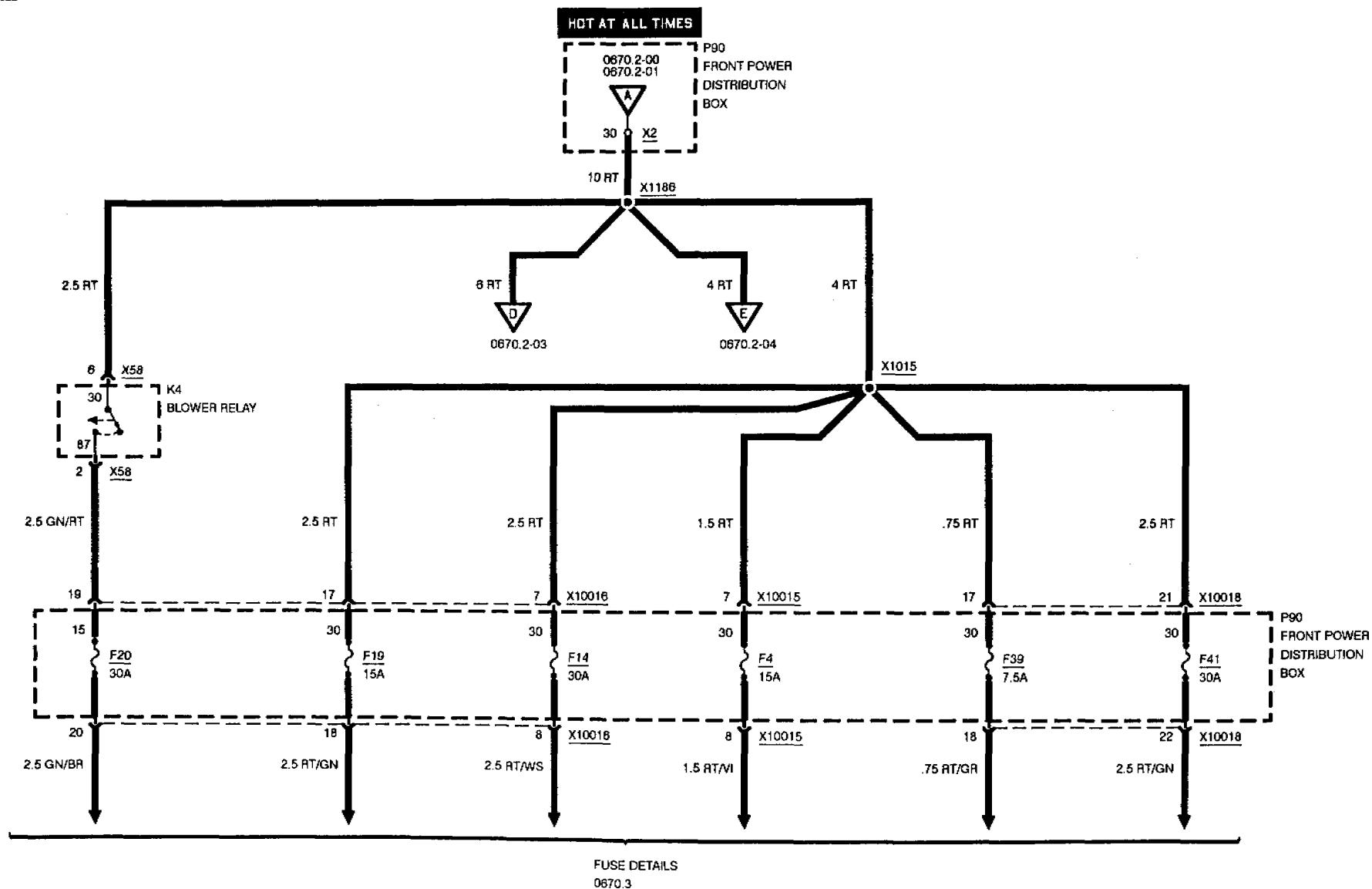
11/92

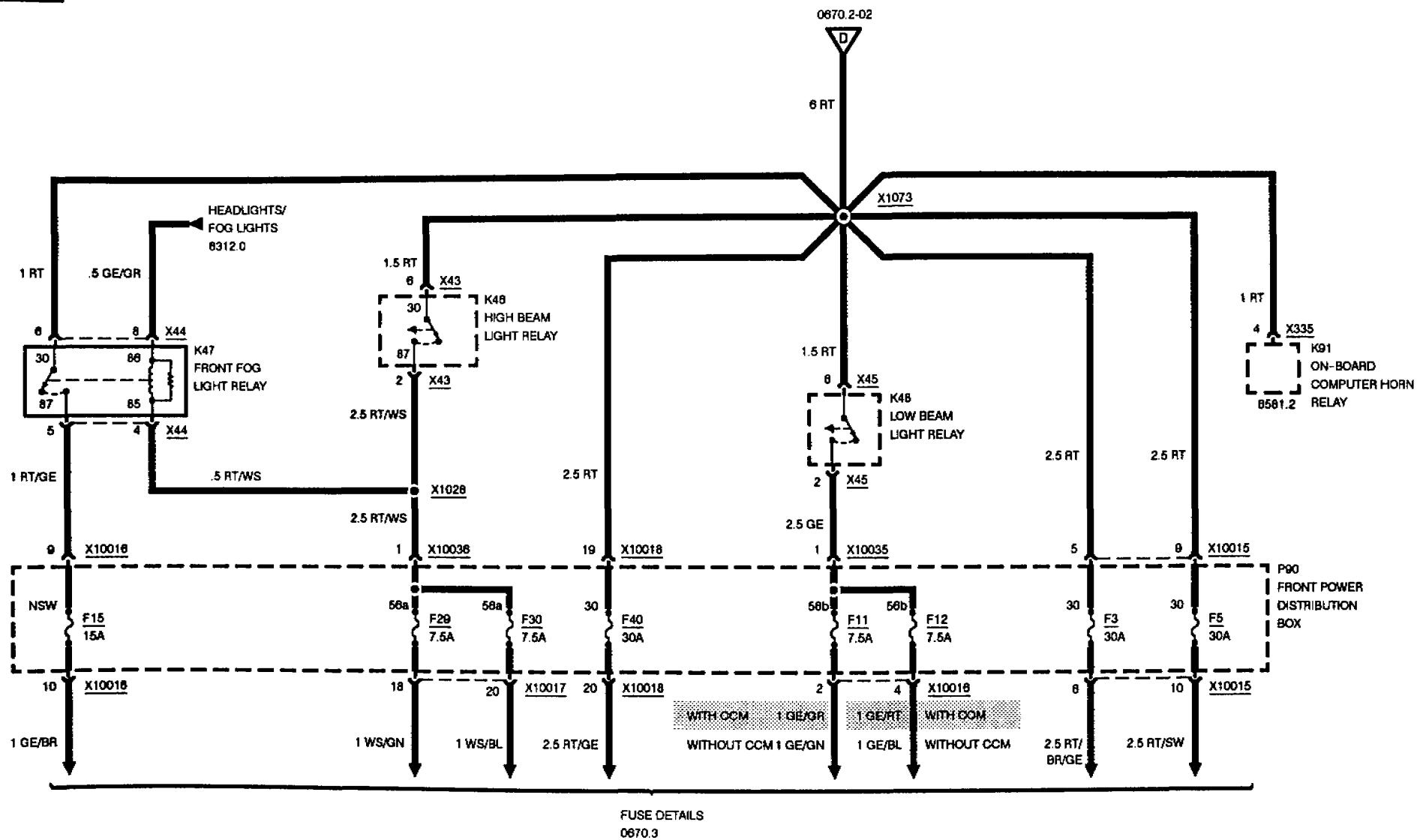


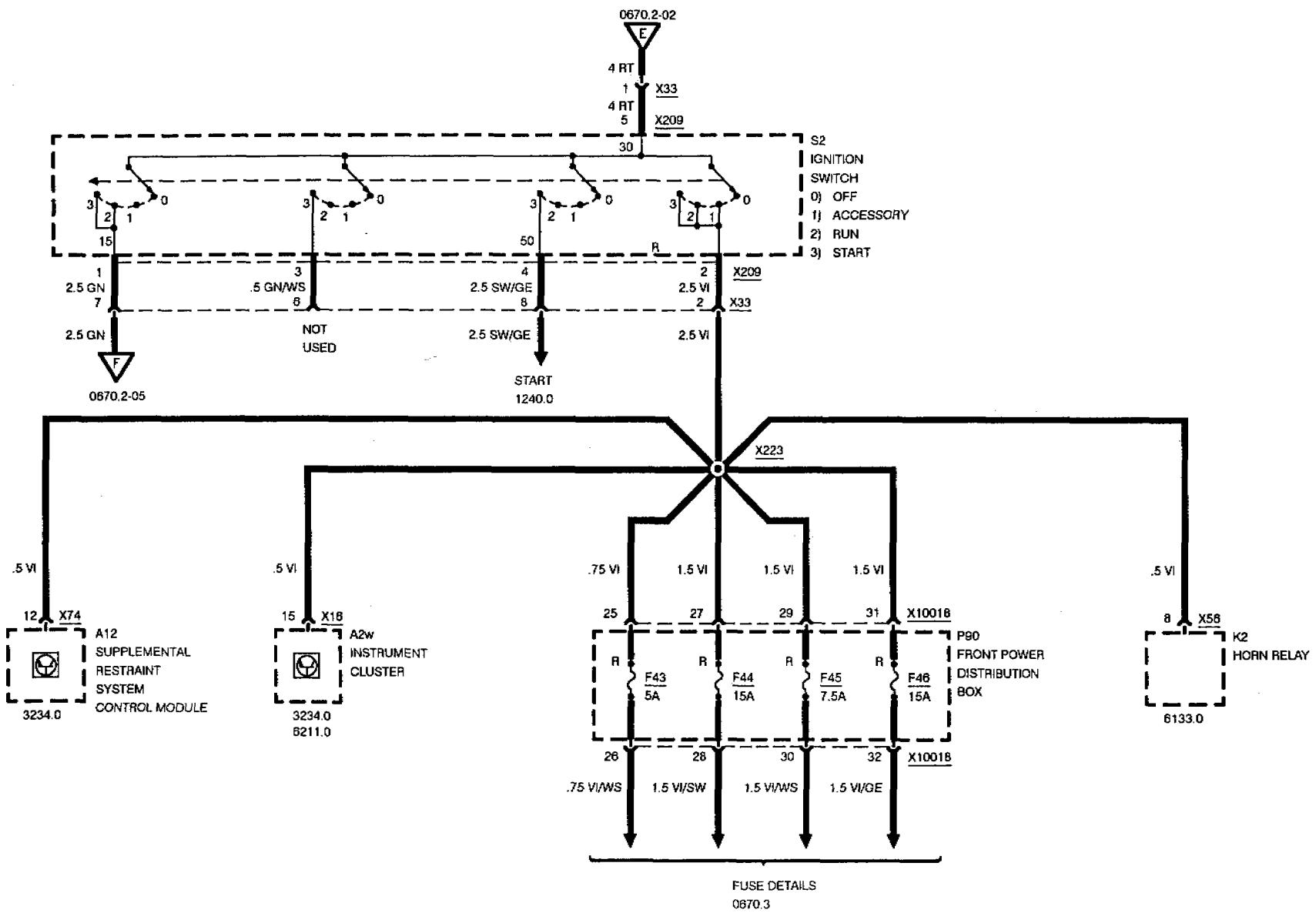
0670.2-00

1992

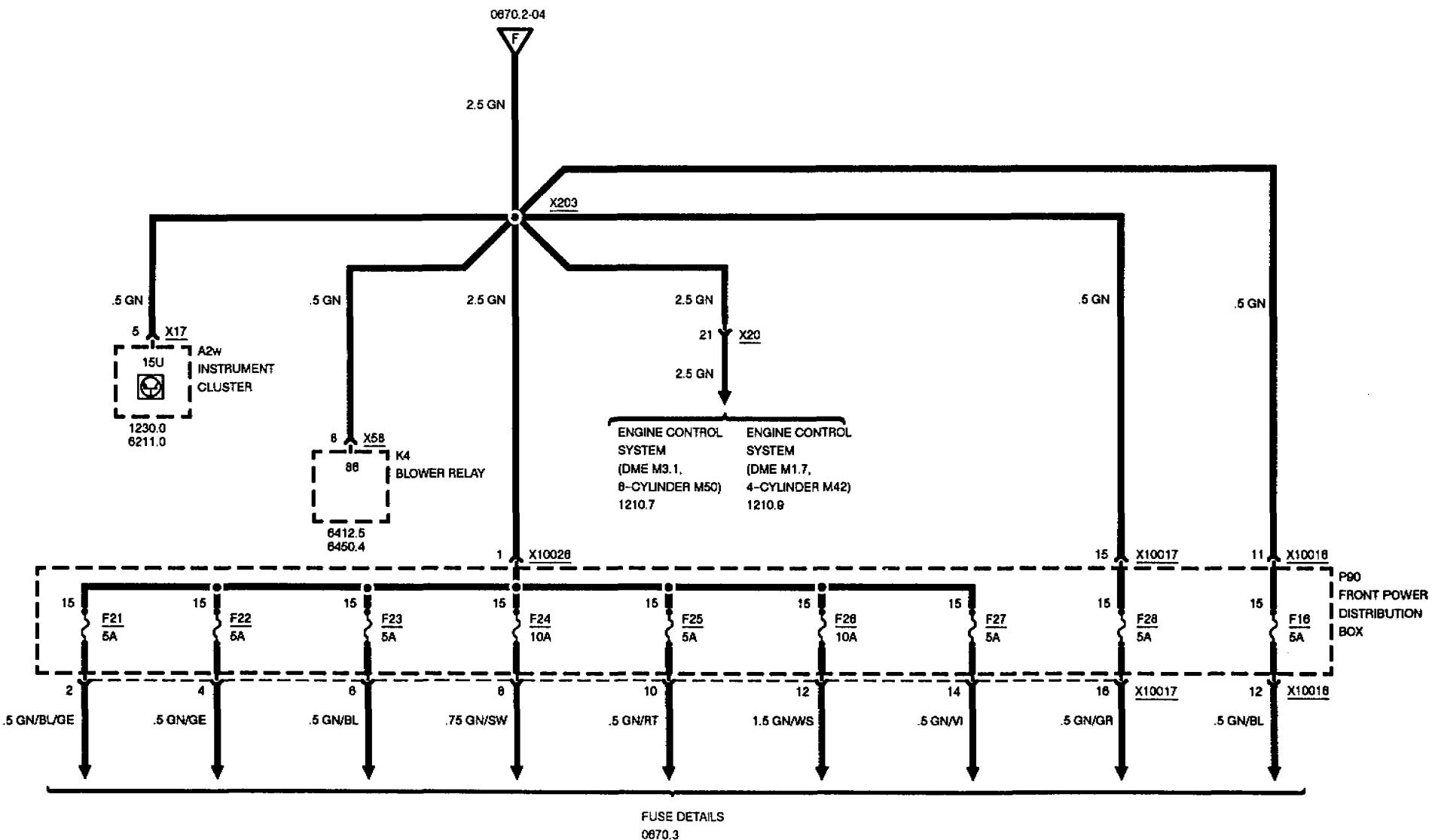


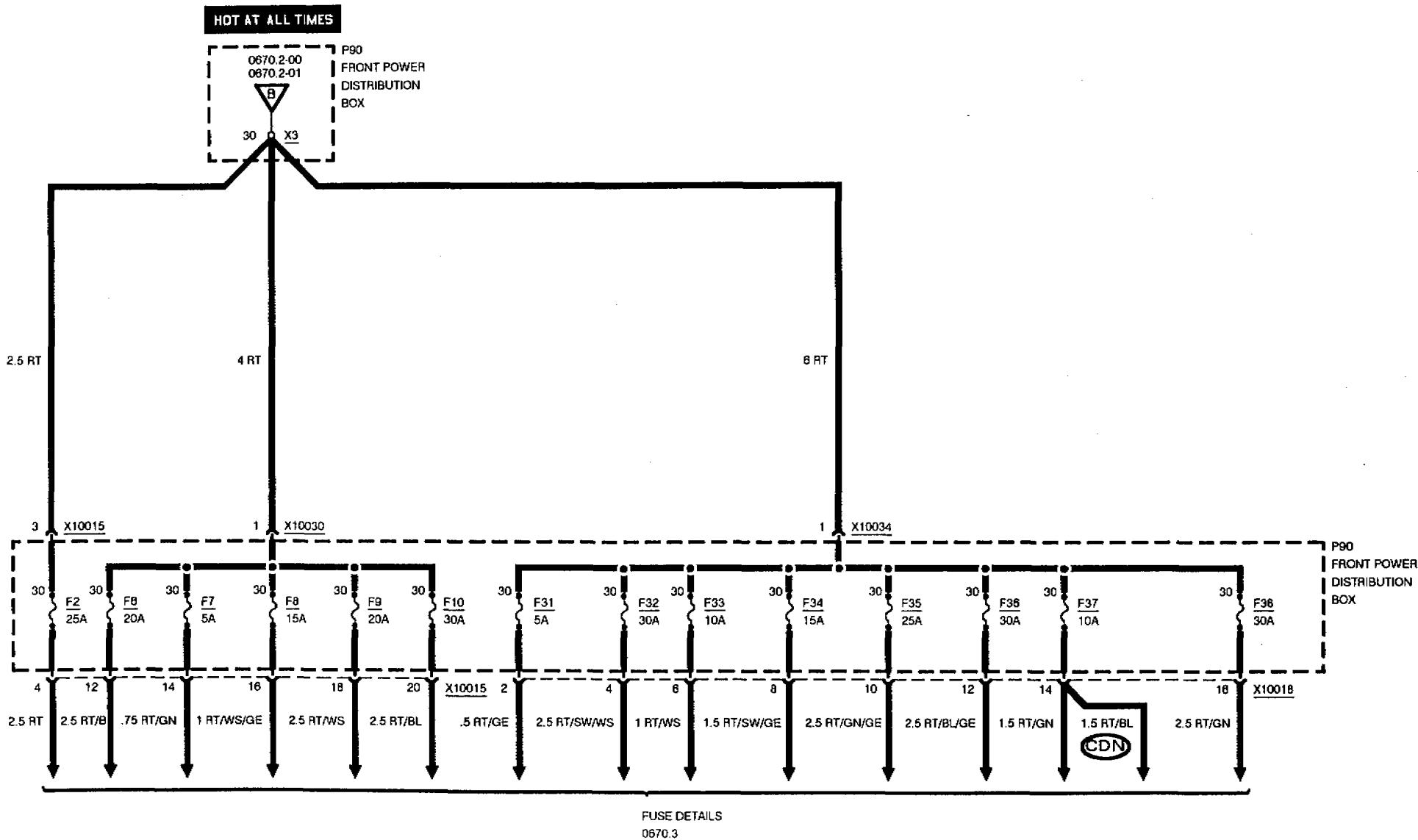




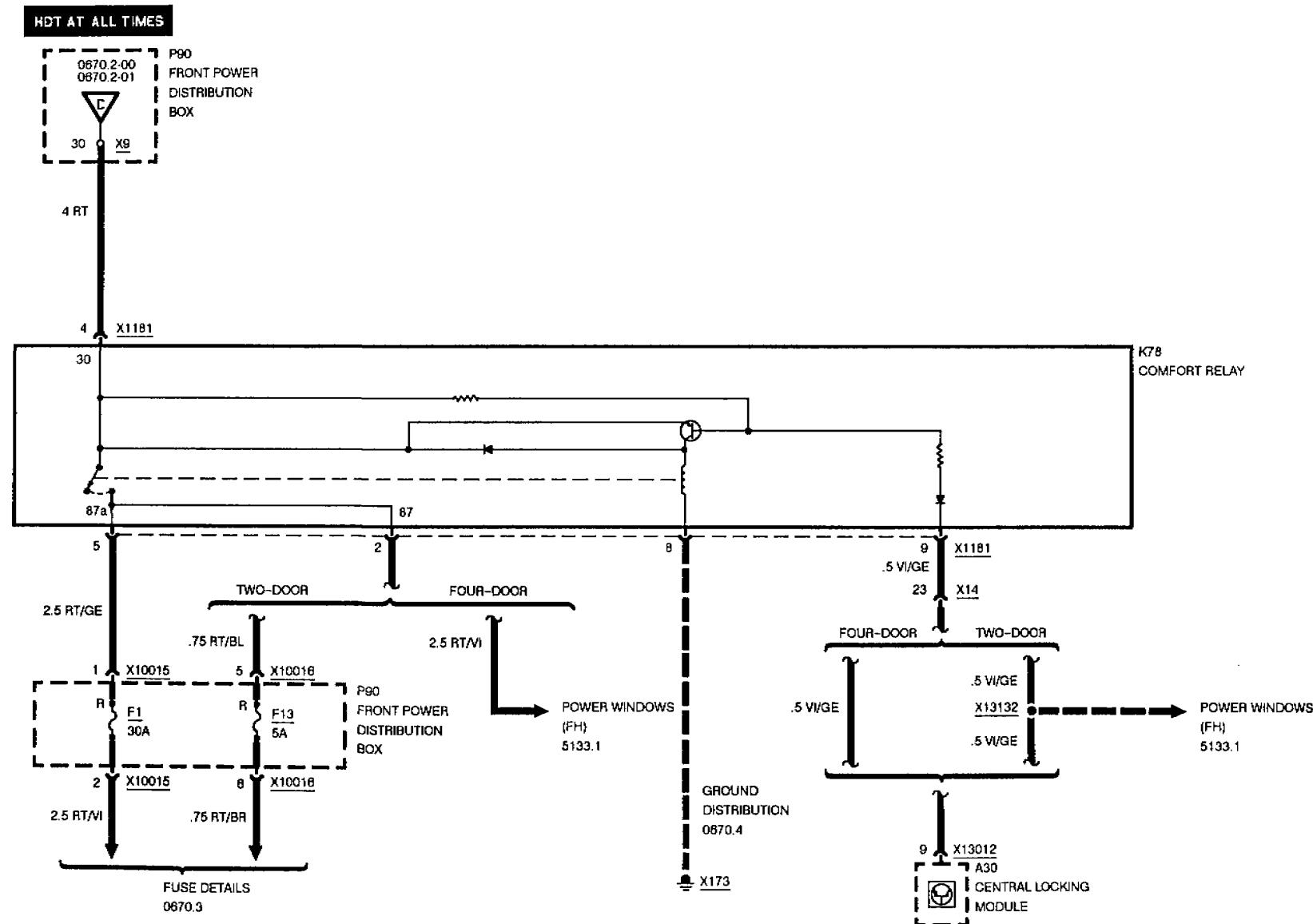


POWER DISTRIBUTION





POWER DISTRIBUTION





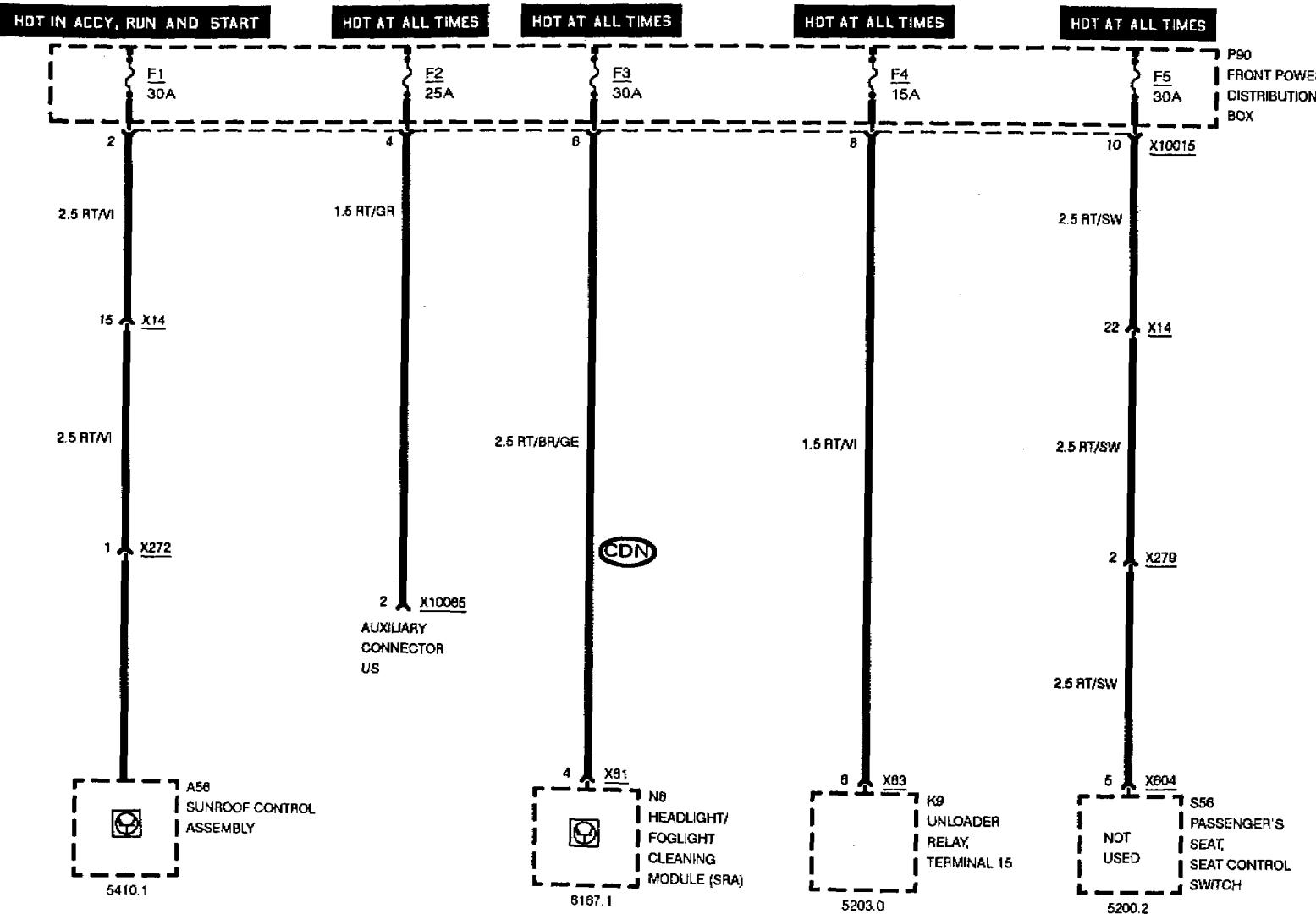
FUSE DETAILS

FUSES 1, 2, 3, 4, AND 5

11/92

0670.3-00

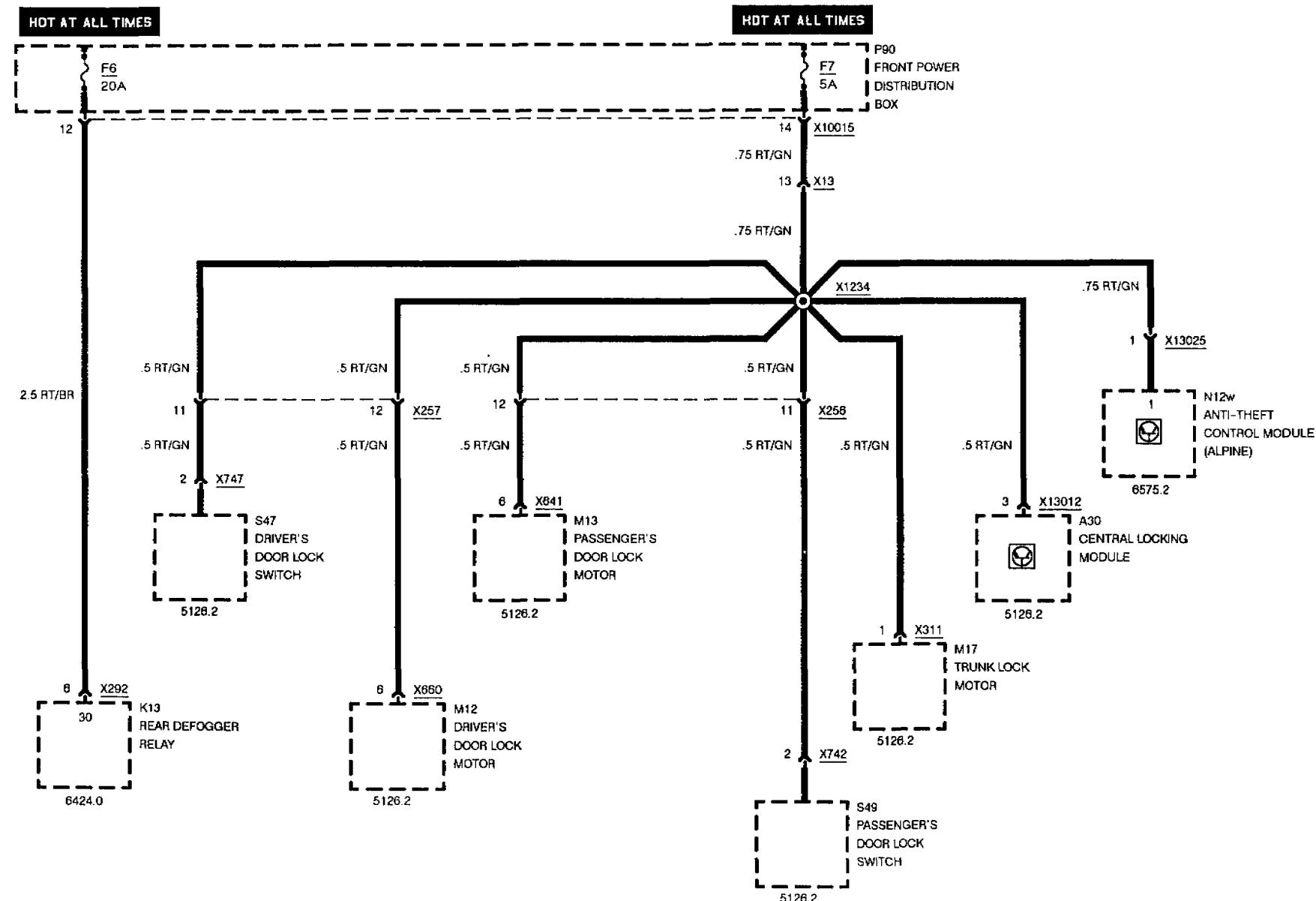
1992





FUSE DETAILS

FUSES 6 AND 7





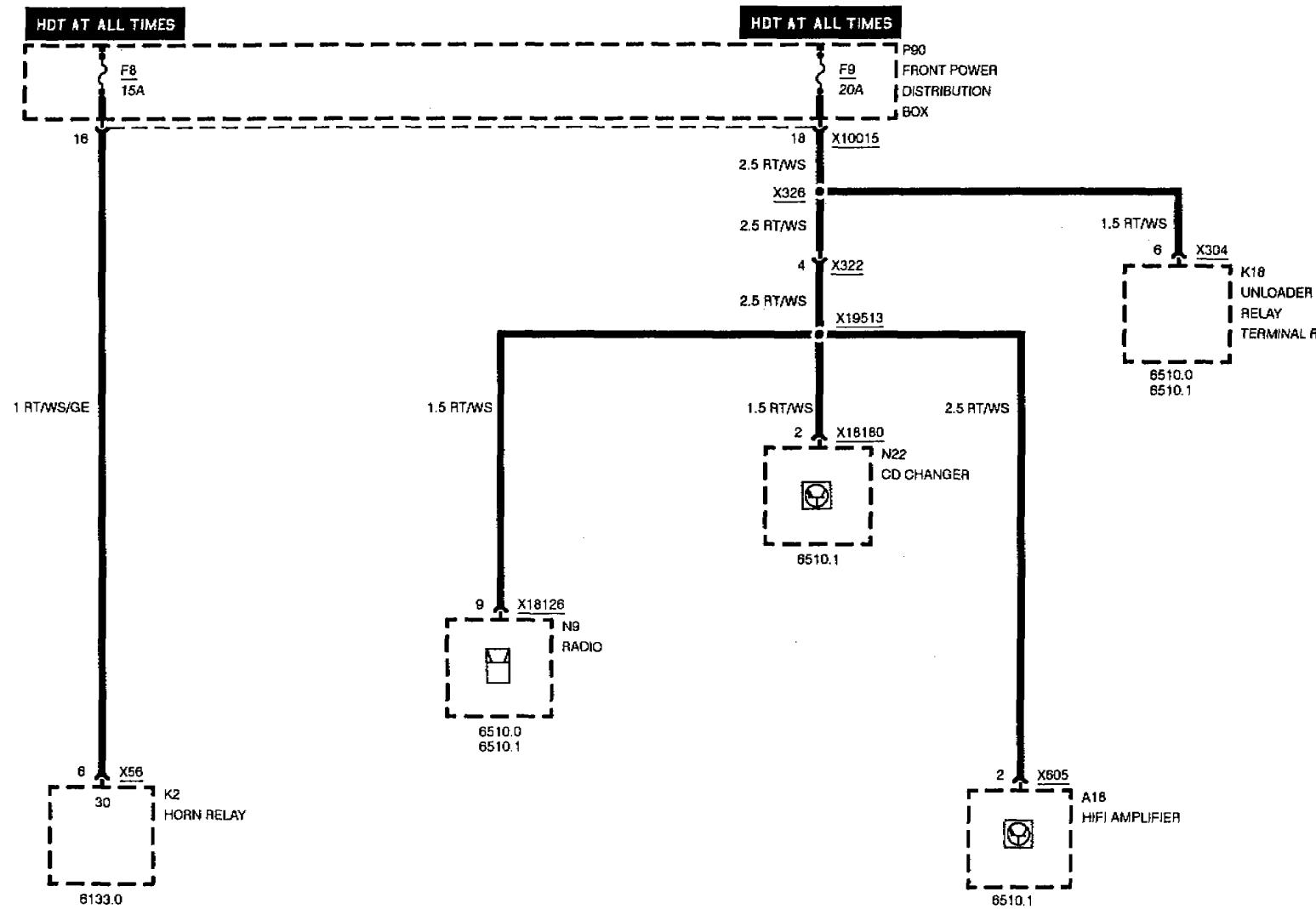
FUSE DETAILS

FUSES 8 AND 9

11/92

0670.3-02

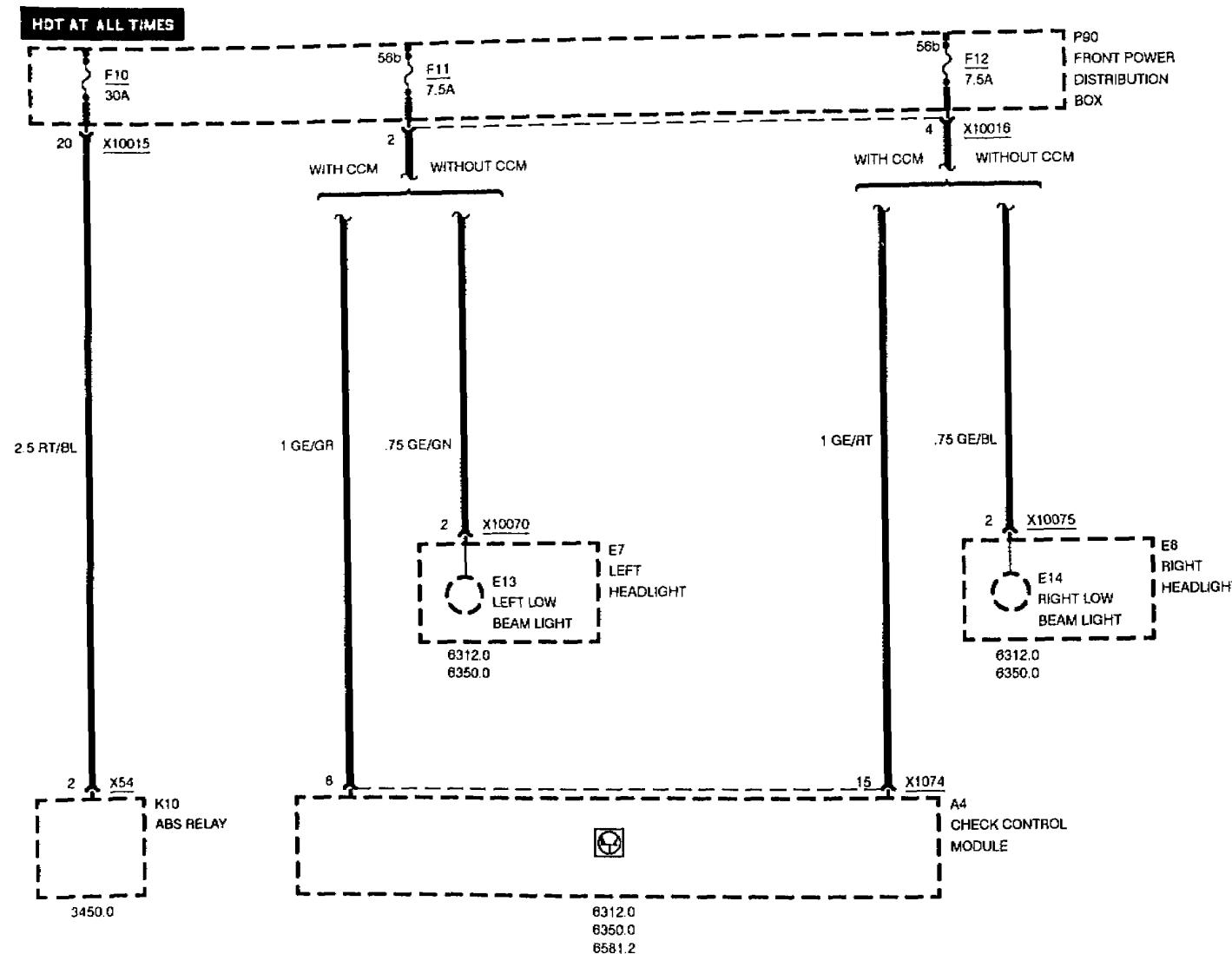
1992





FUSE DETAILS

FUSES 10, 11, AND 12





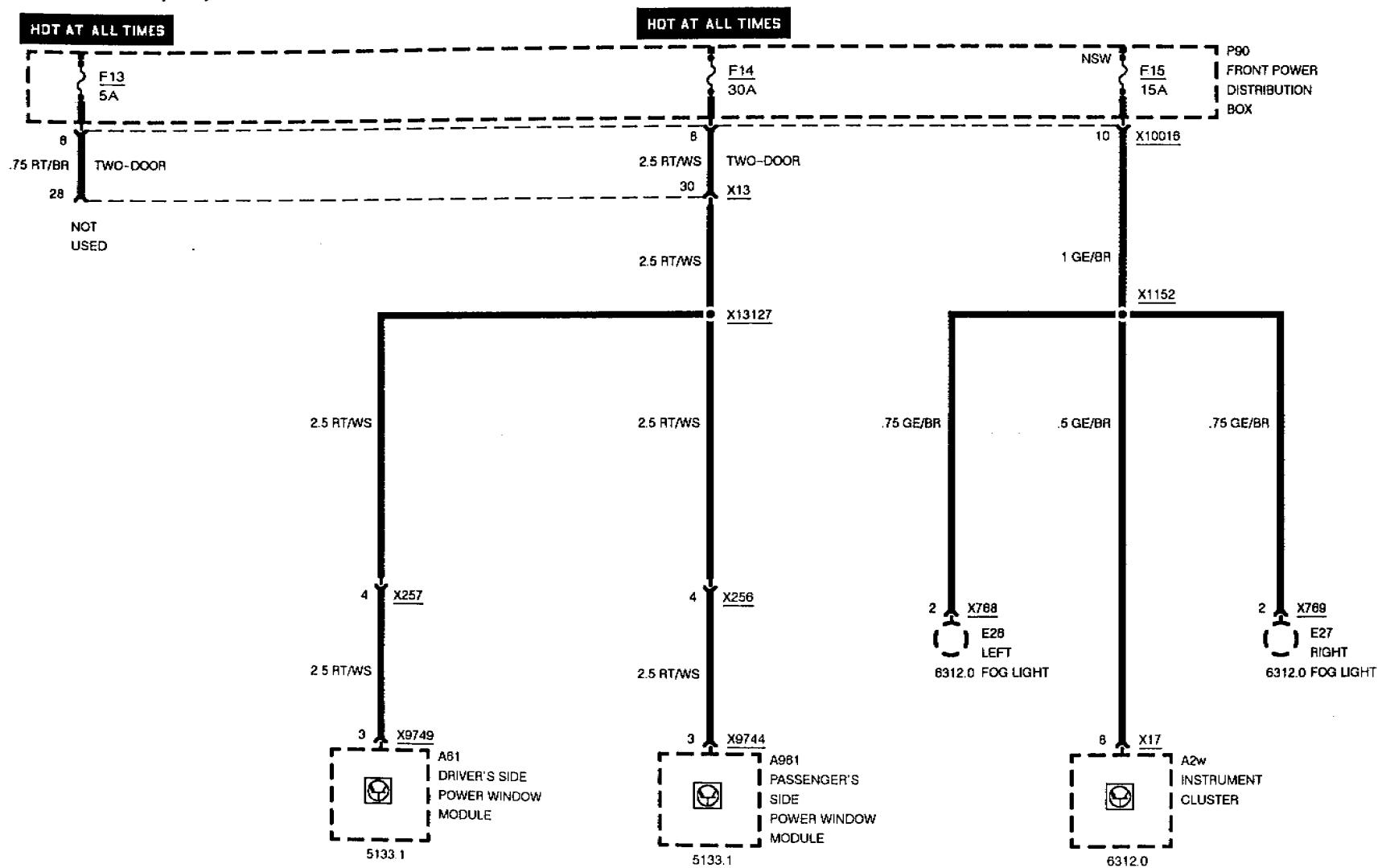
FUSE DETAILS

FUSES 13, 14, AND 15

11/92

0670.3-04

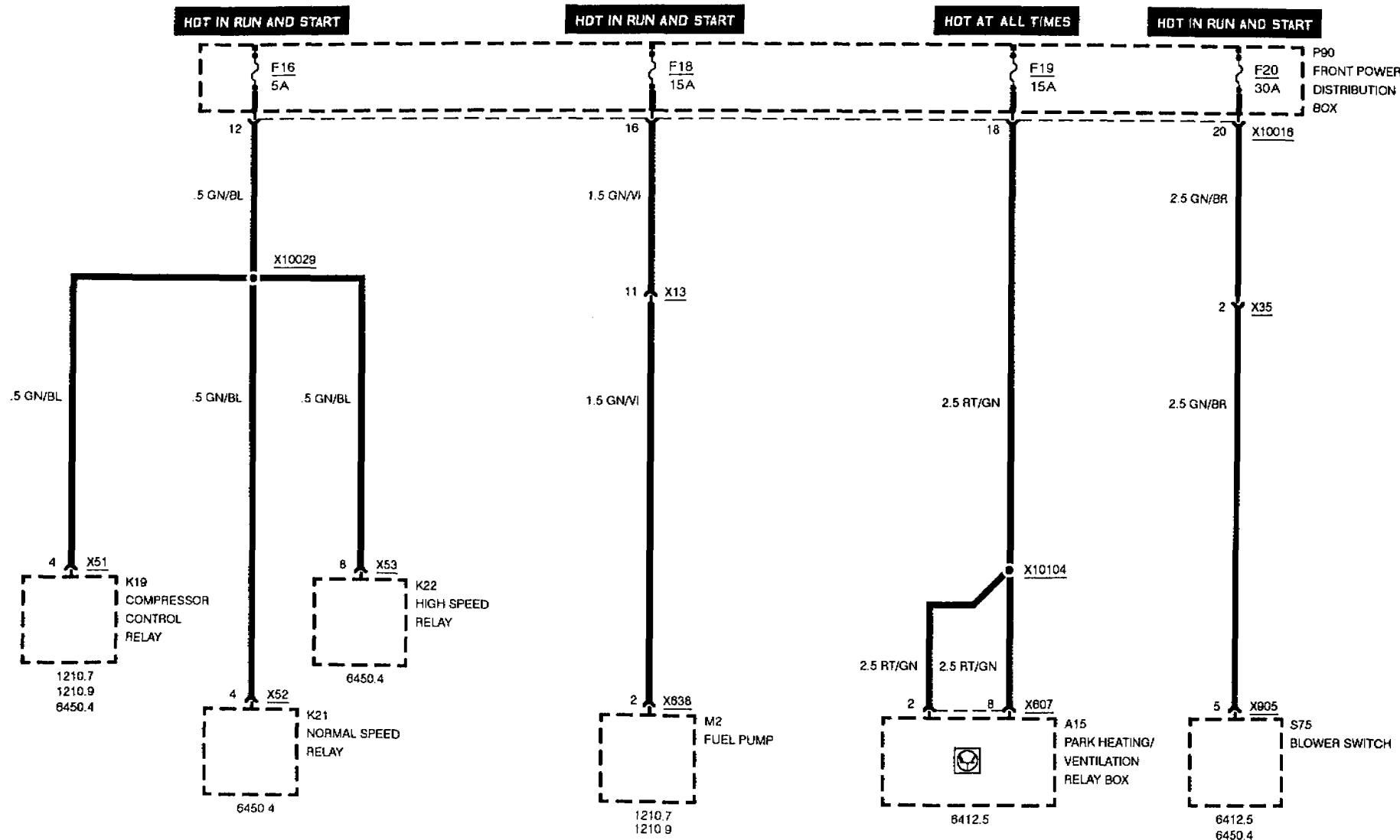
1992





FUSE DETAILS

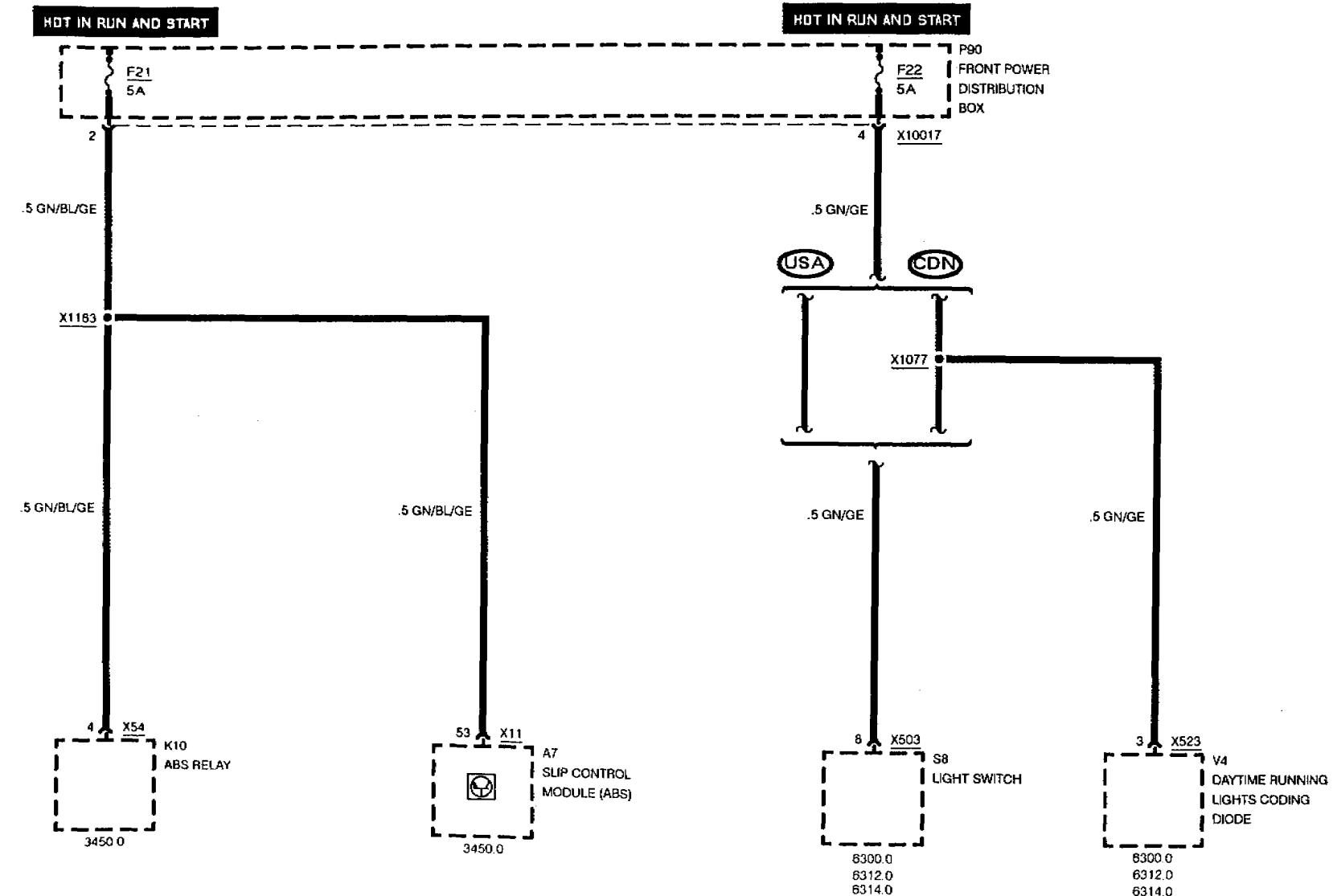
FUSES 16, 18, 19, AND 20





FUSE DETAILS

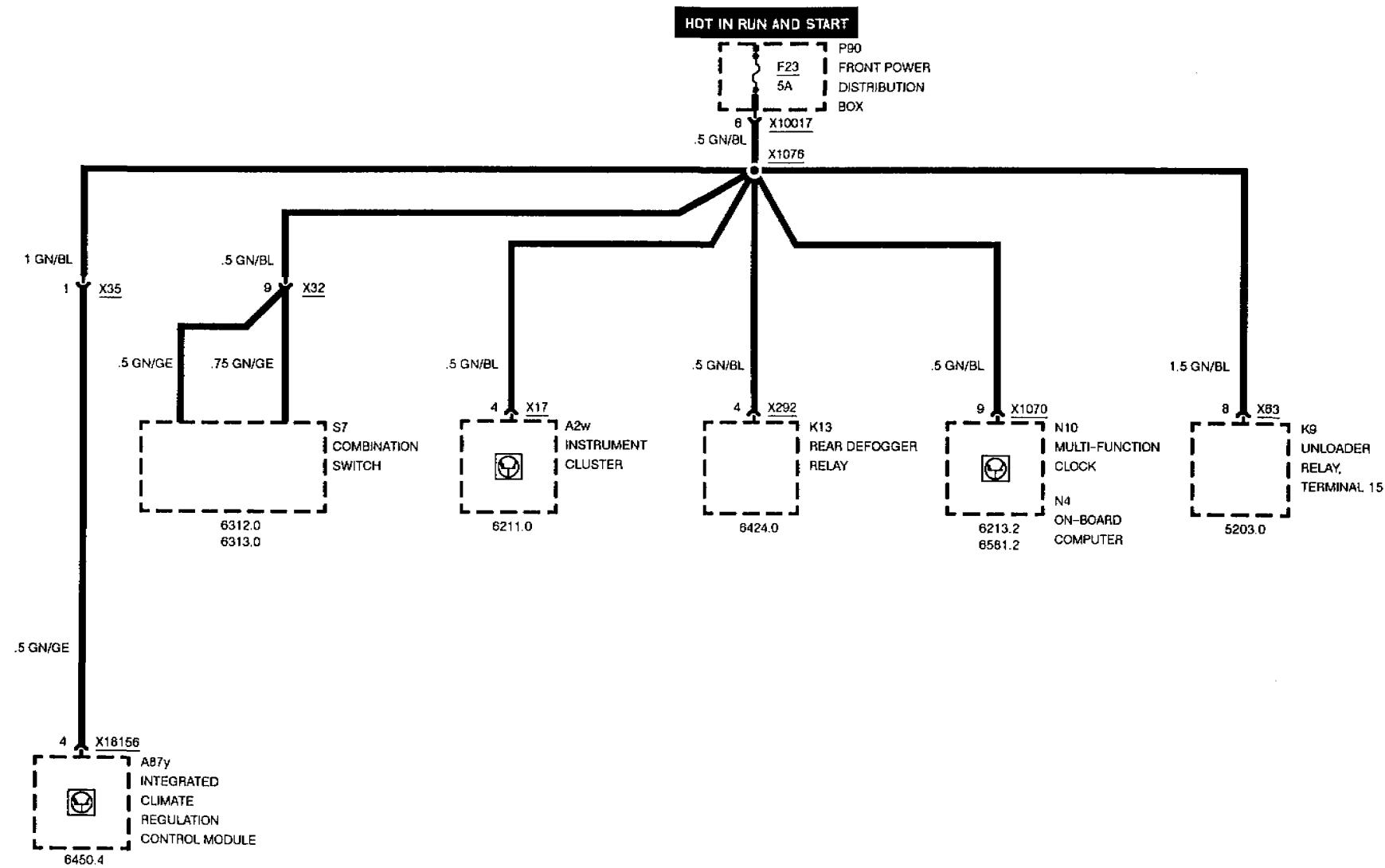
FUSES 21 AND 22





FUSE DETAILS

FUSE 23





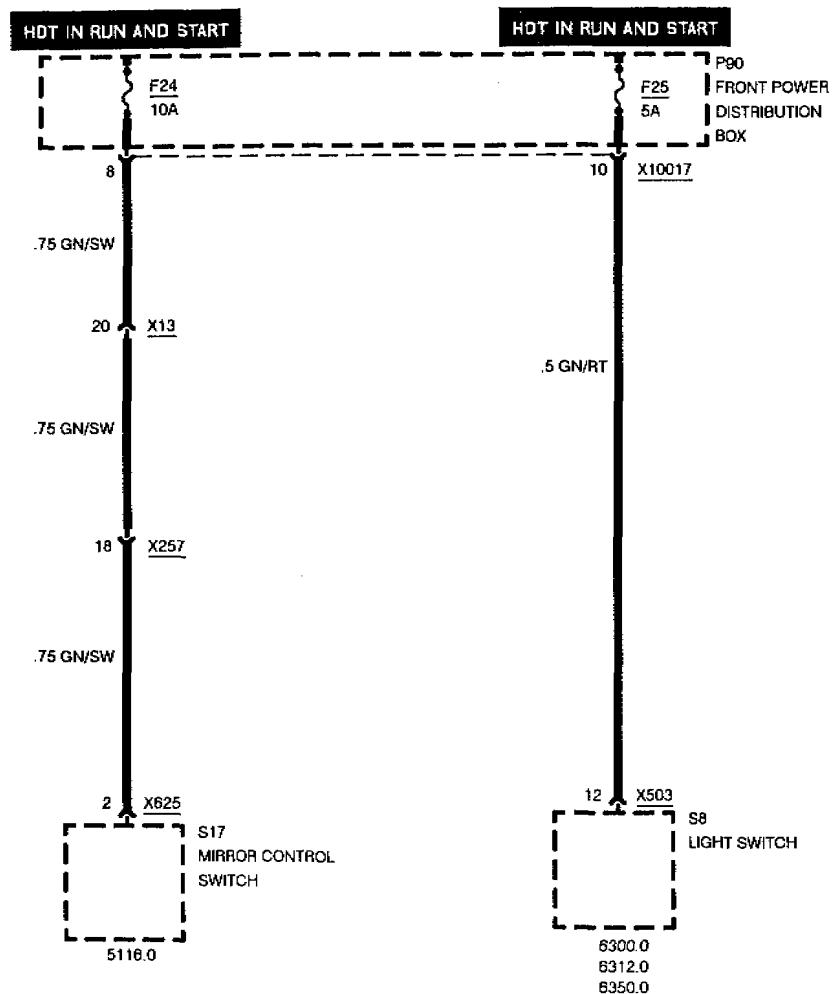
FUSE DETAILS

FUSES 24 AND 25

11/92

— 0670.3-08 —

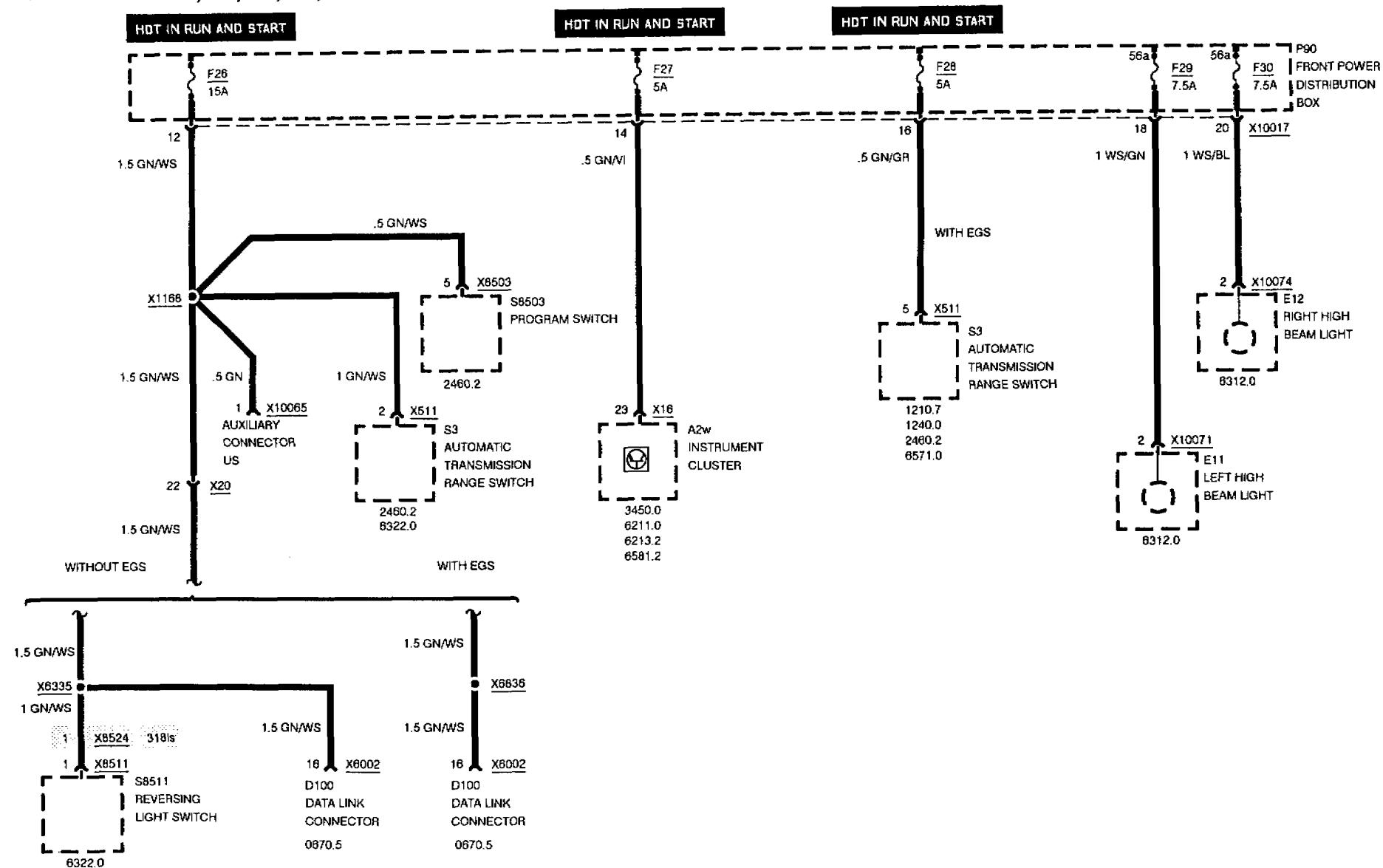
1992





FUSE DETAILS

FUSES 26, 27, 28, 29, AND 30



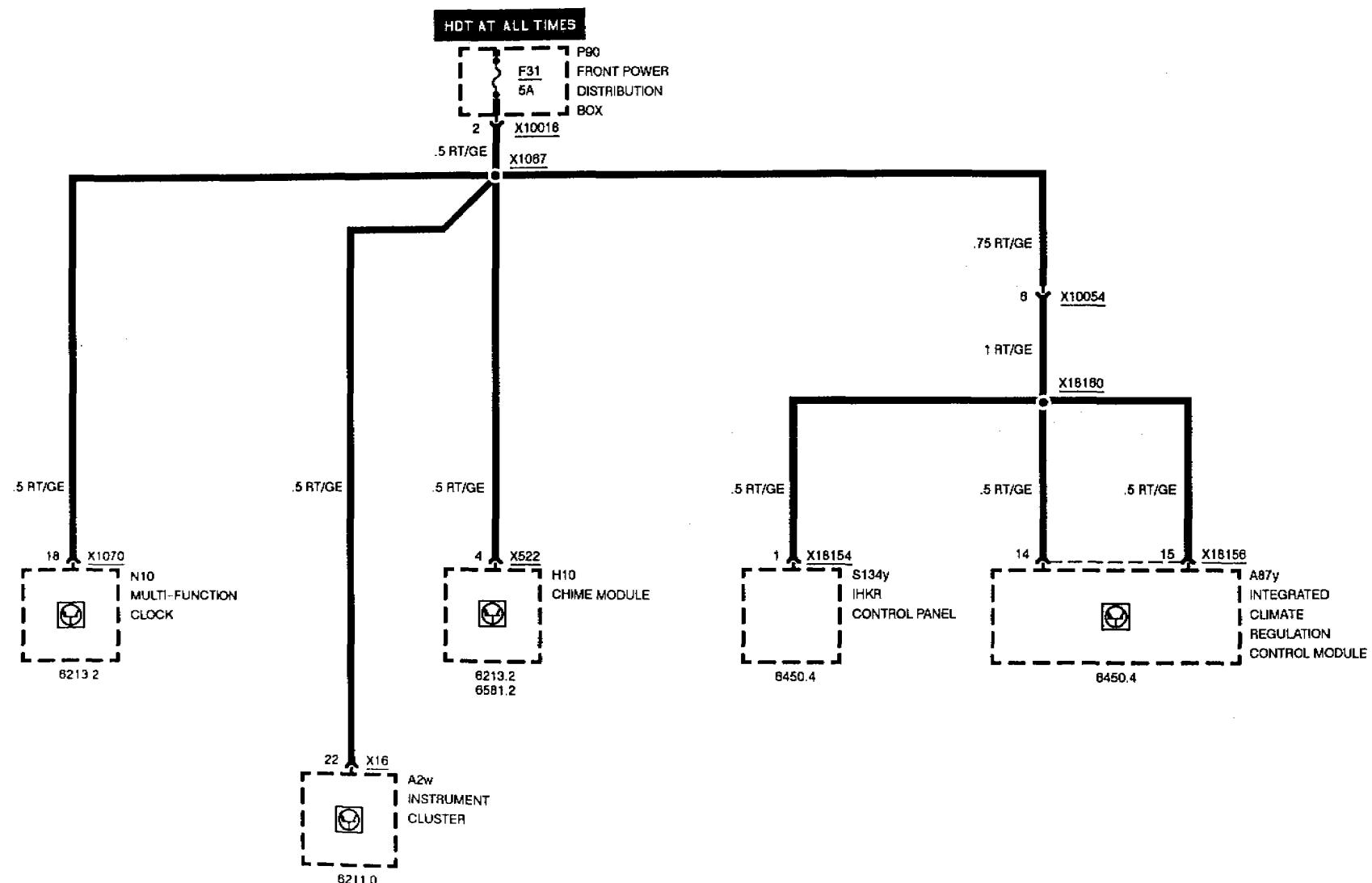


FUSE DETAILS

11/92

0670.3-10

1992





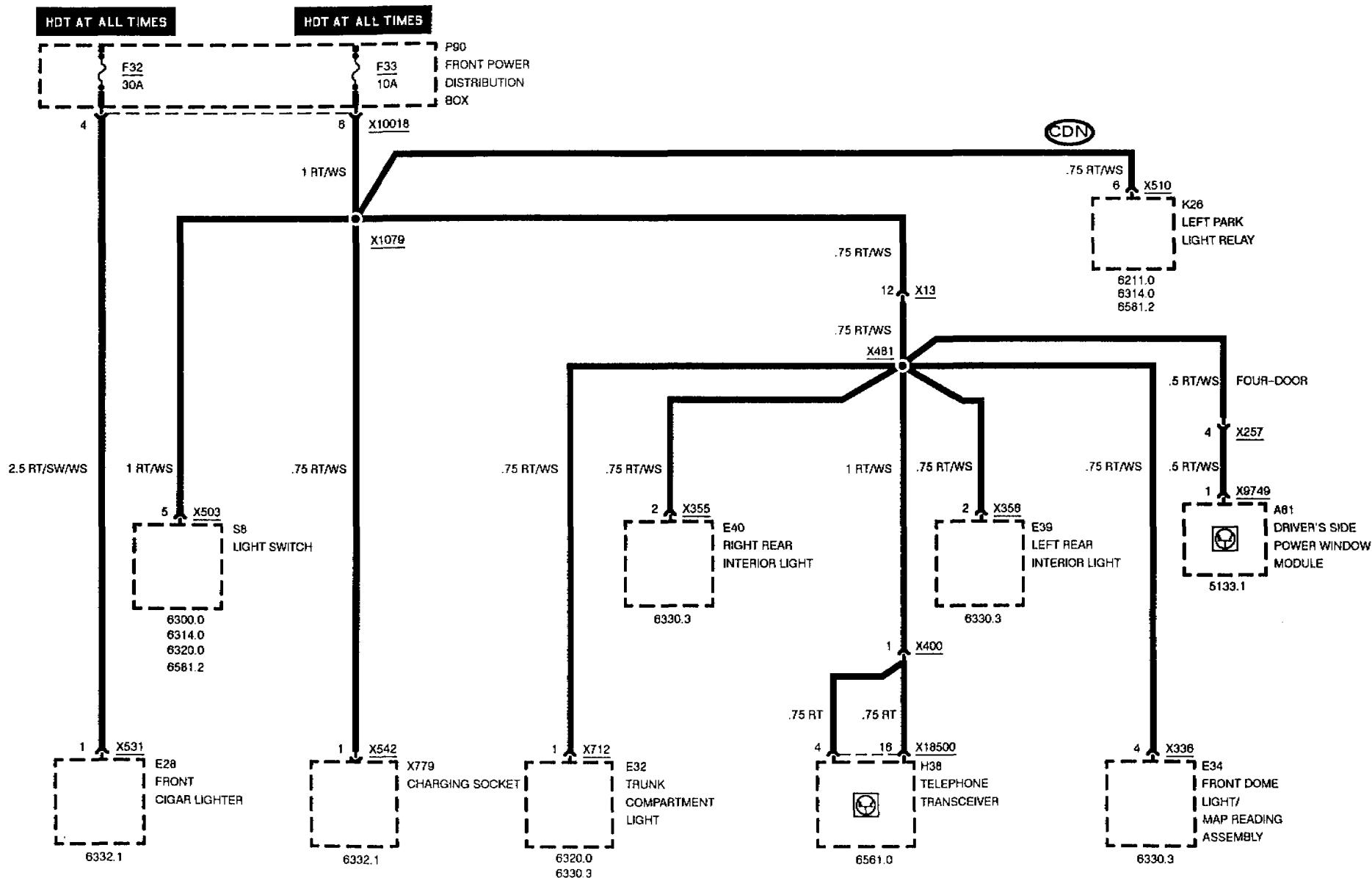
FUSE DETAILS

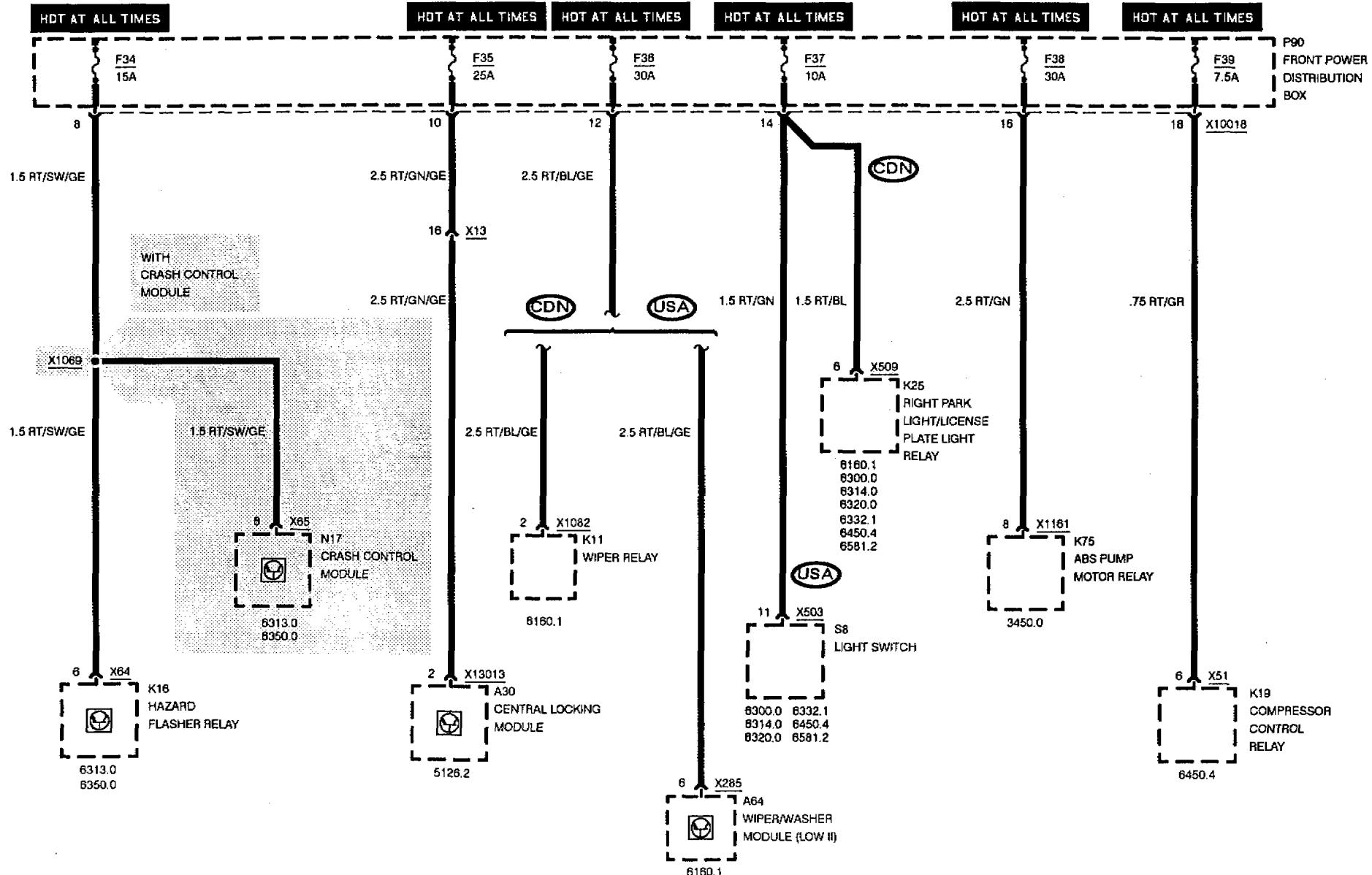
FUSES 32 AND 33

11/92

0670.3-11

1992

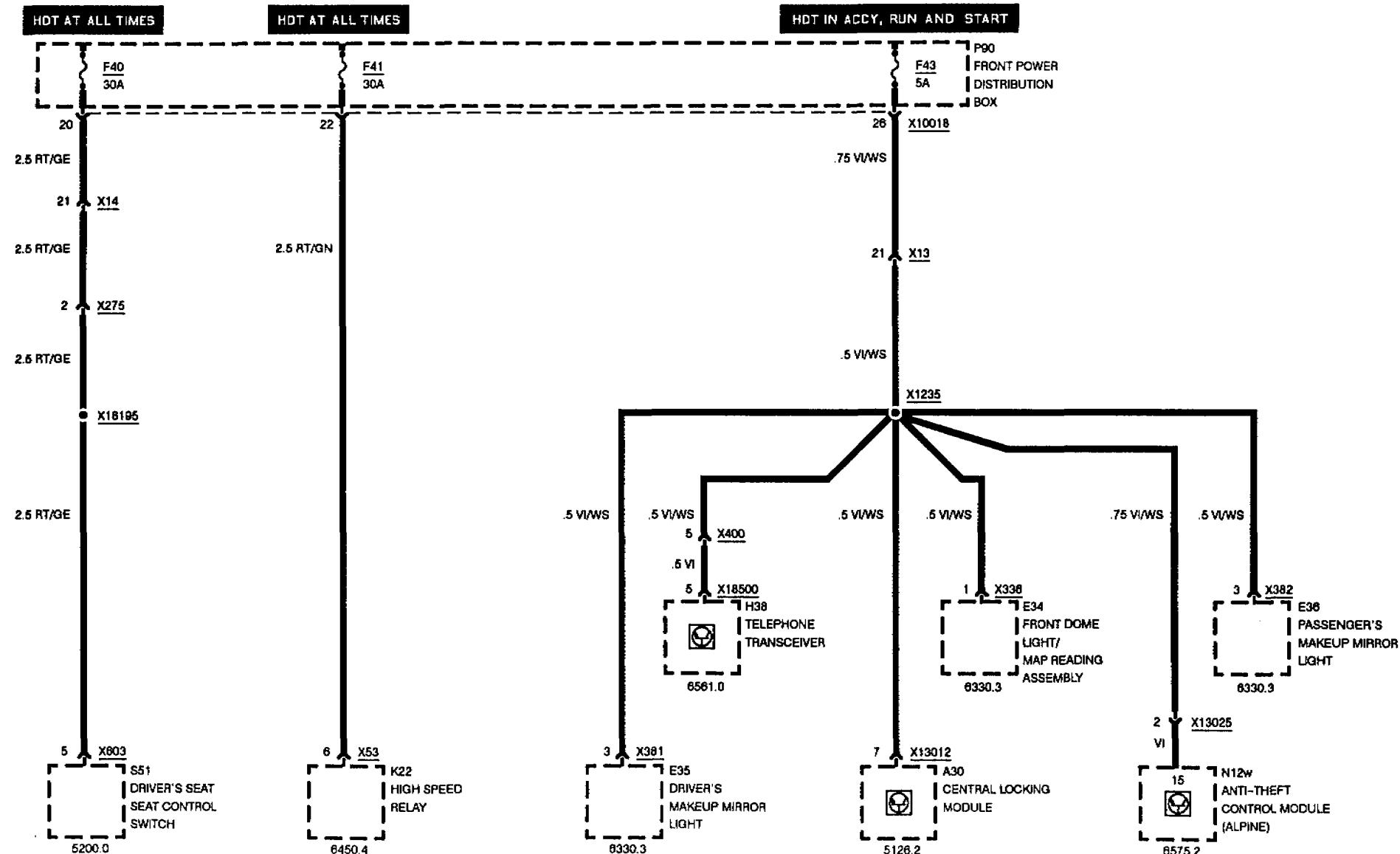






FUSE DETAILS

FUSES 40, 41, AND 43





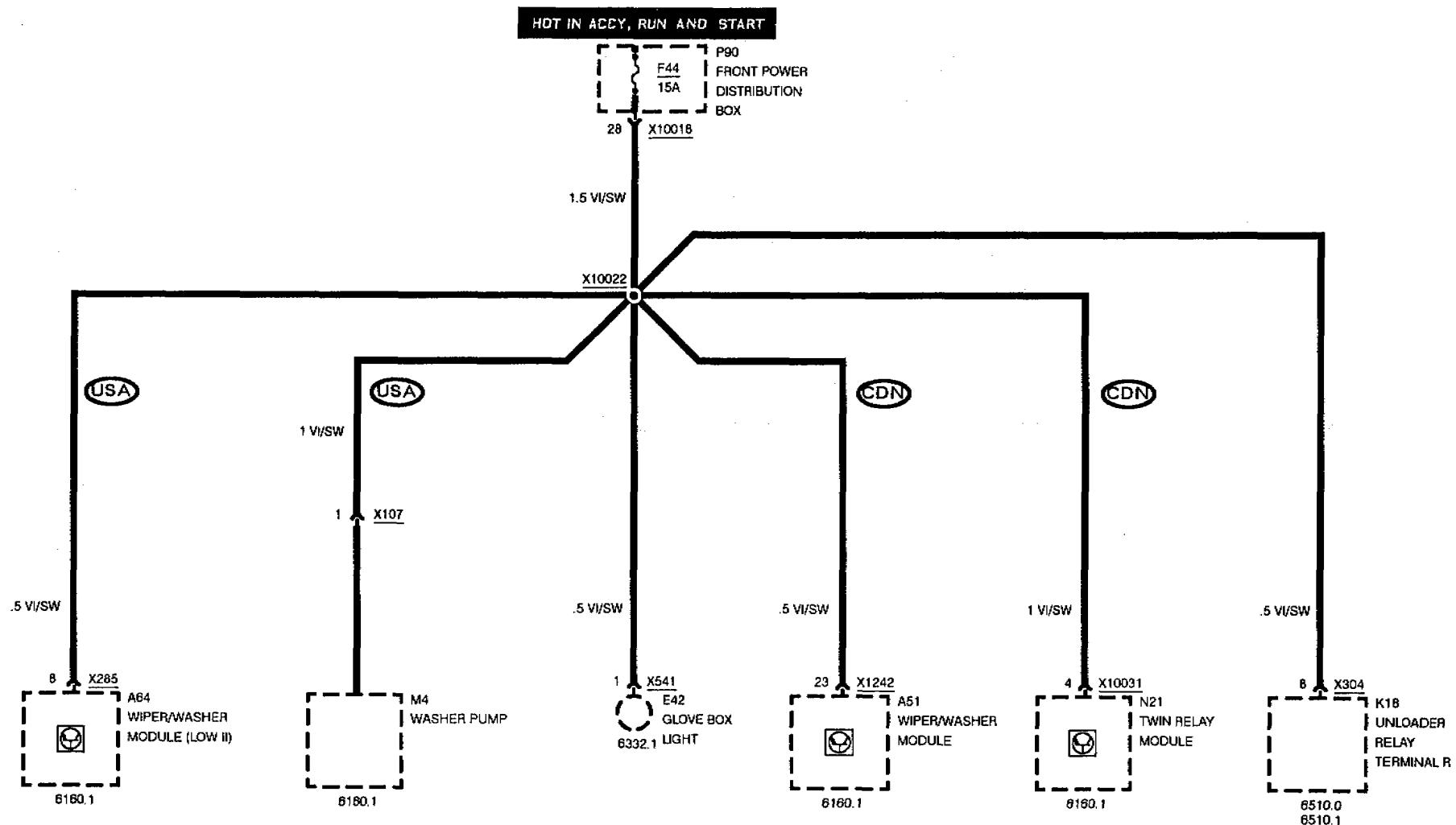
FUSE DETAILS

FUSE 44

11/92

0670.3-14

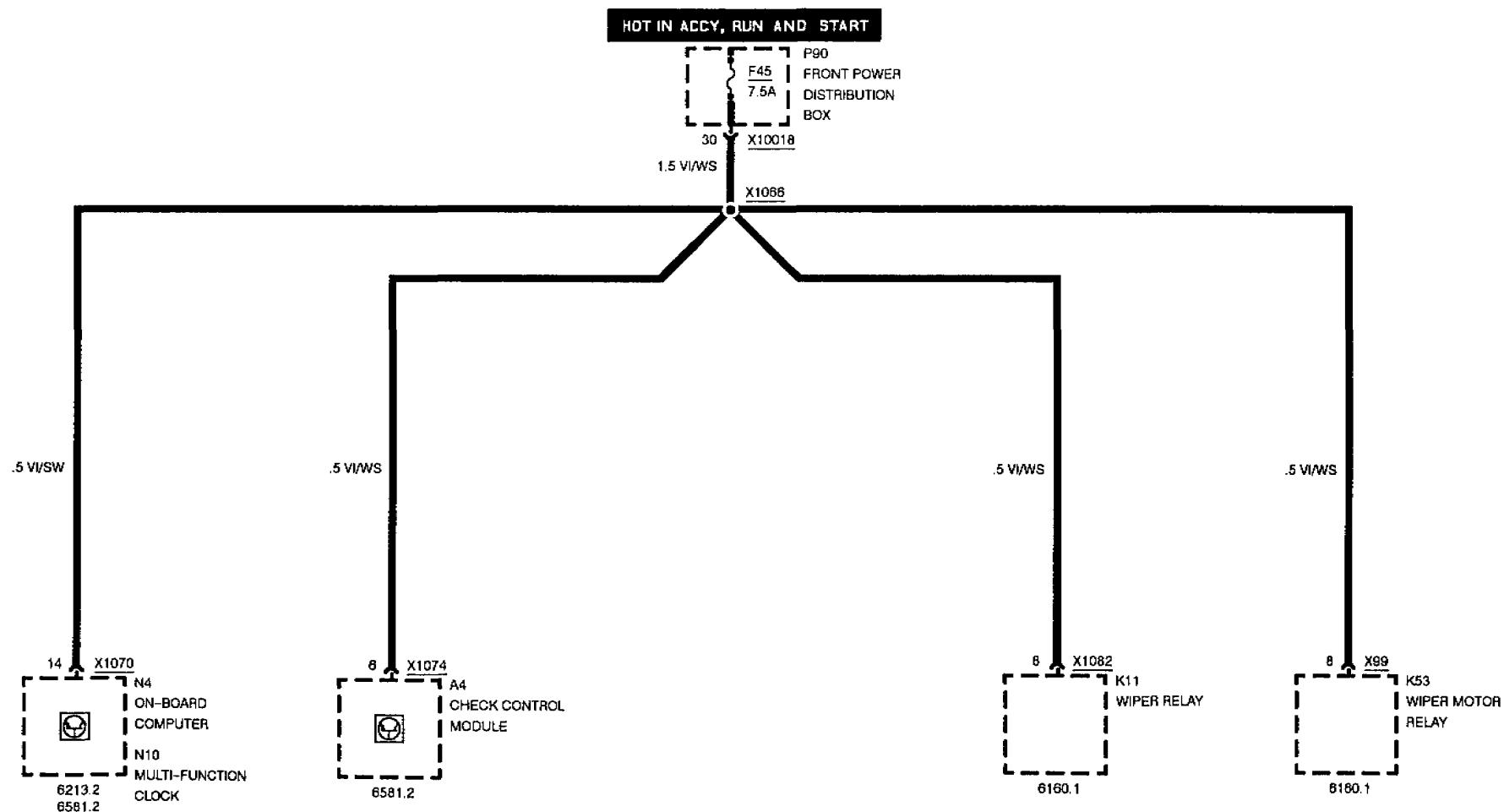
1992





FUSE DETAILS

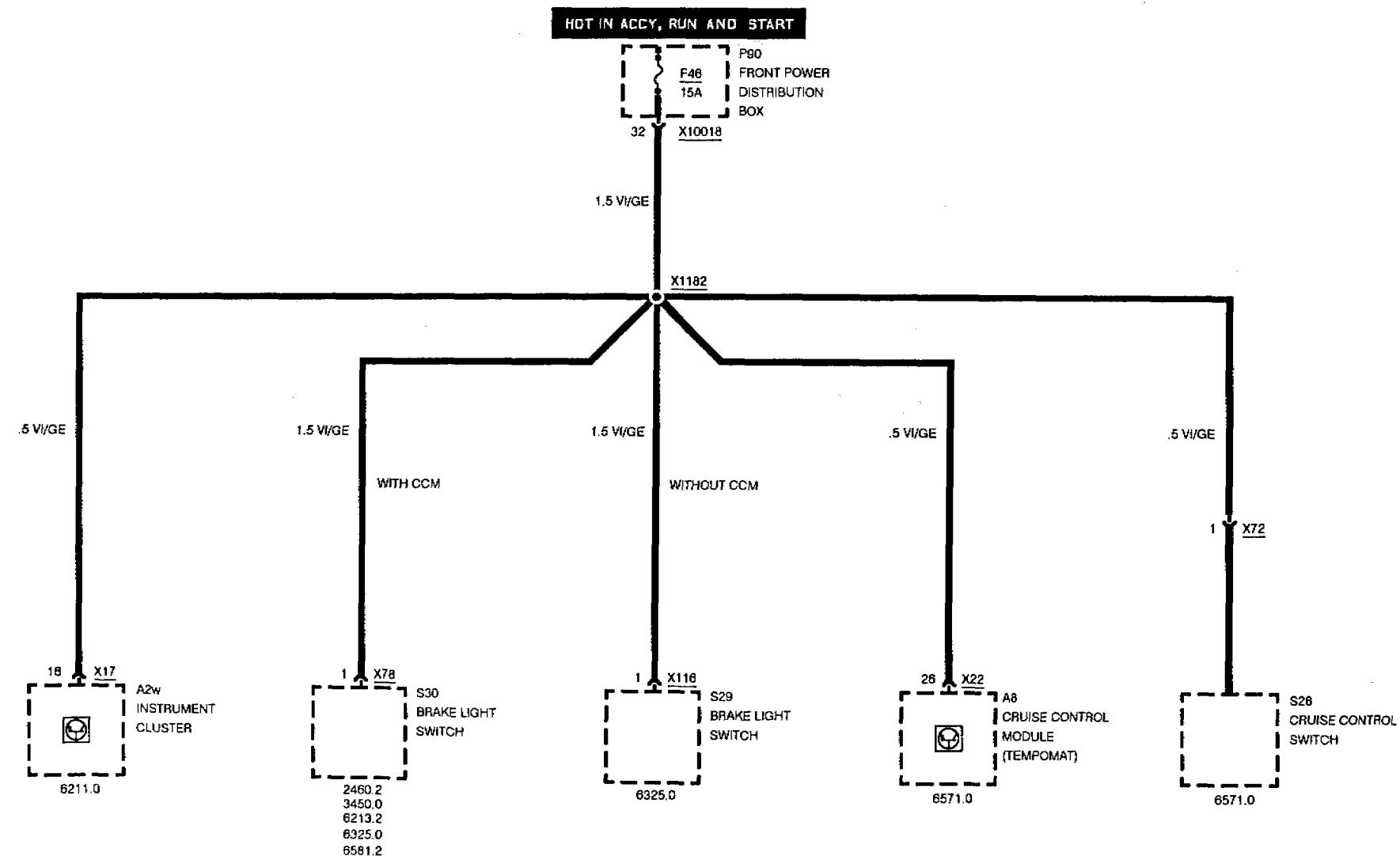
FUSE 45





FUSE DETAILS

FUSE 46





0670.4



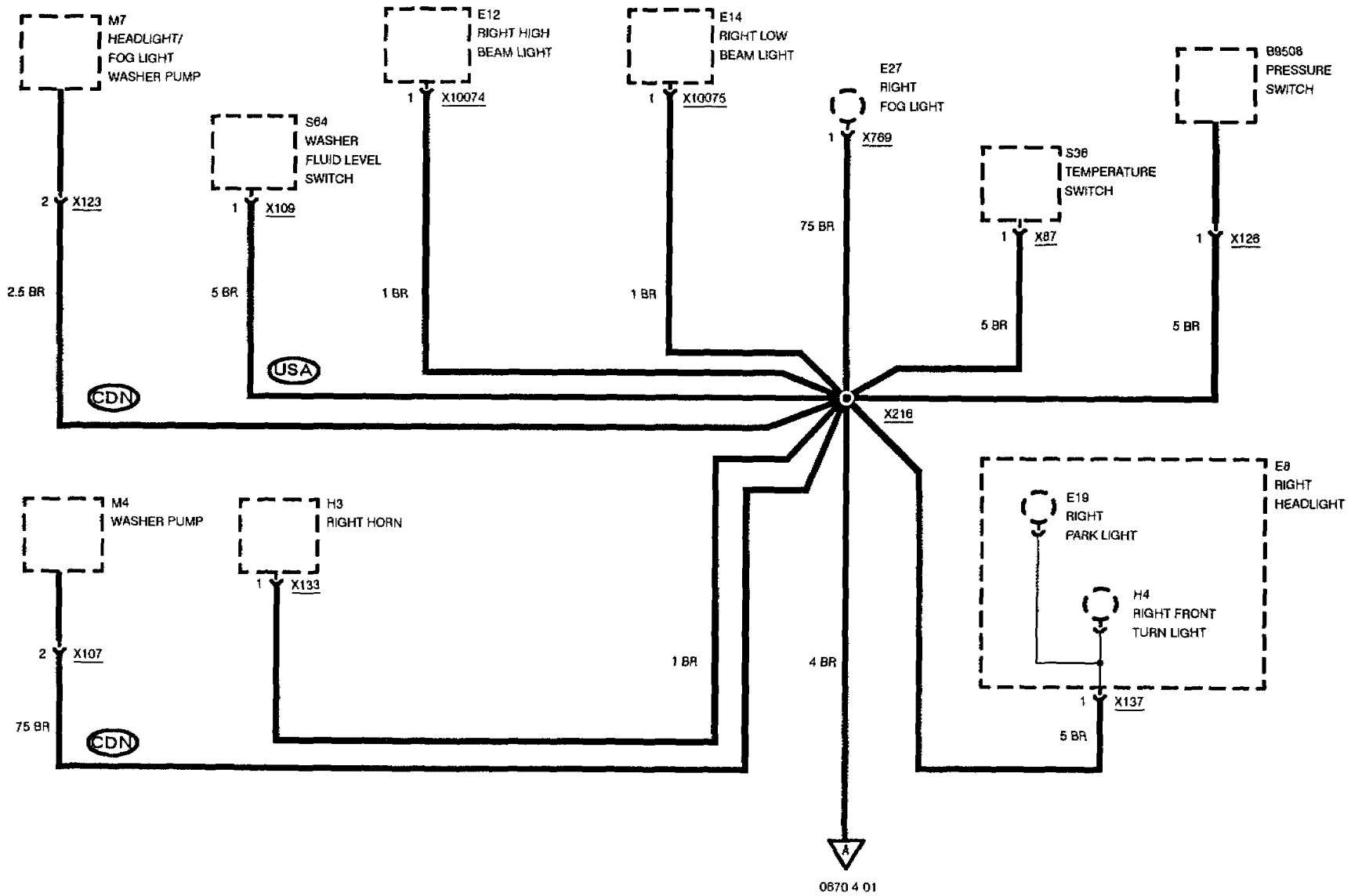
GROUND DISTRIBUTION

GROUND X165

11/92

0670 4-00

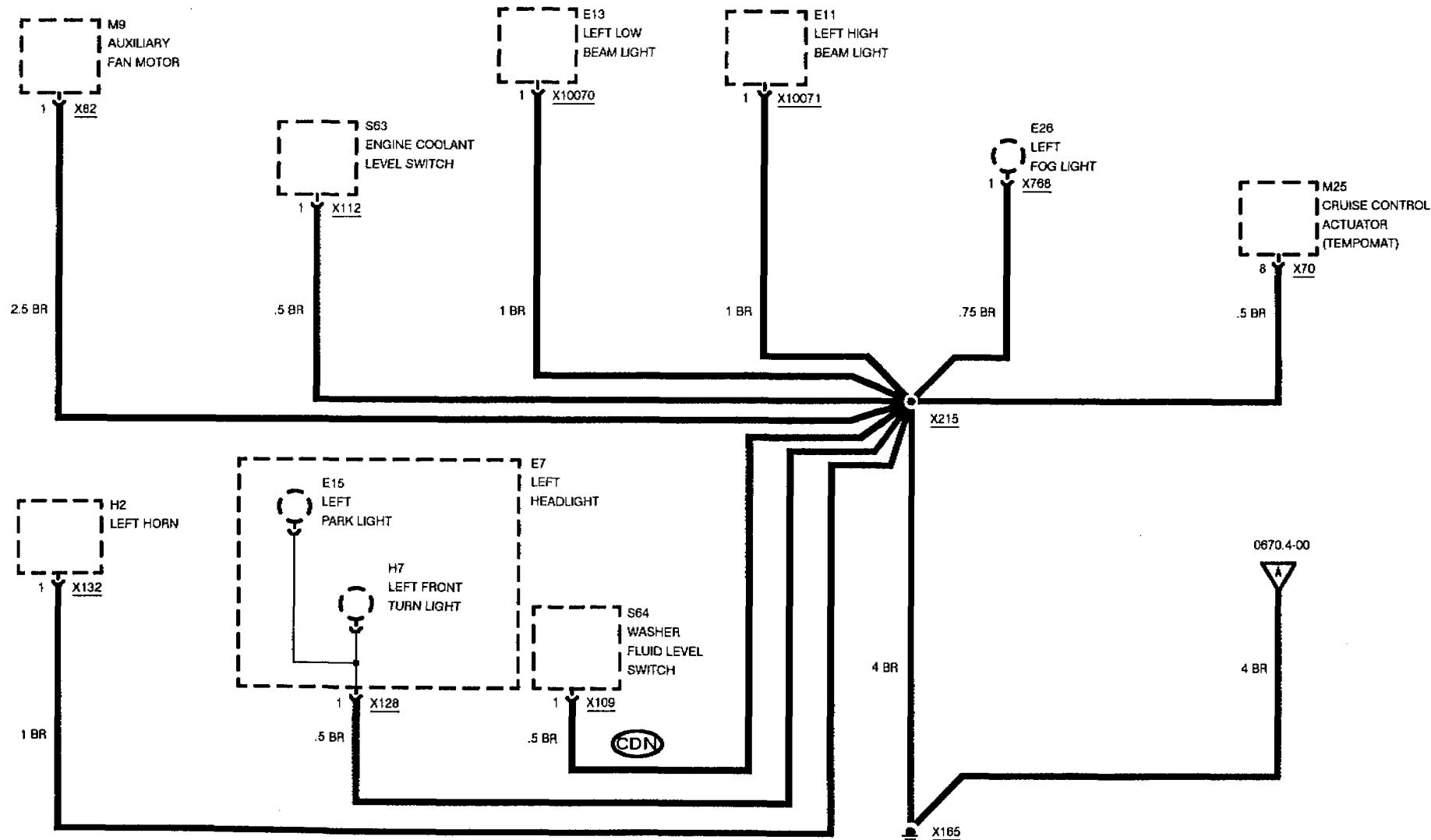
1992





GROUND DISTRIBUTION

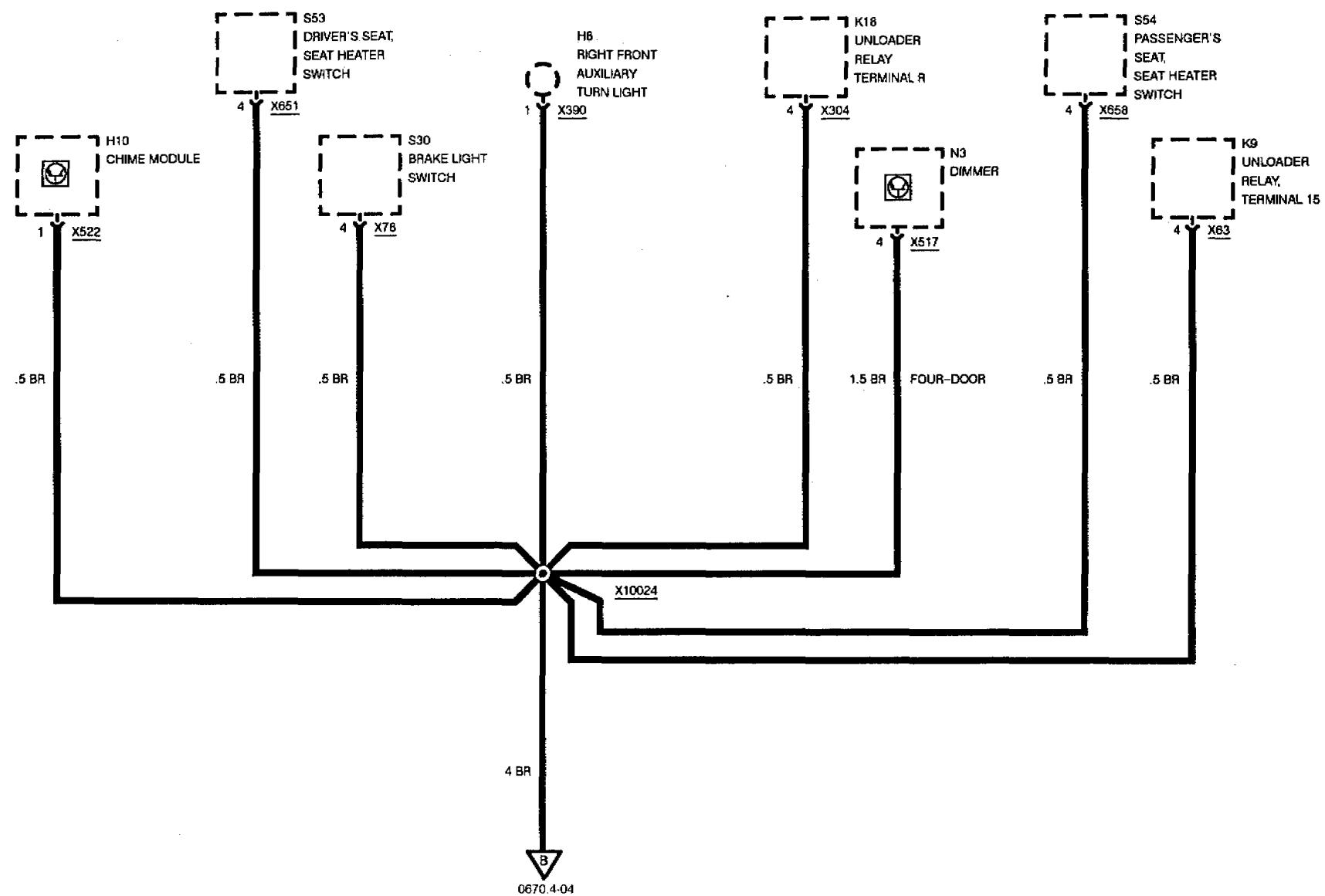
GROUND X165





GROUND DISTRIBUTION

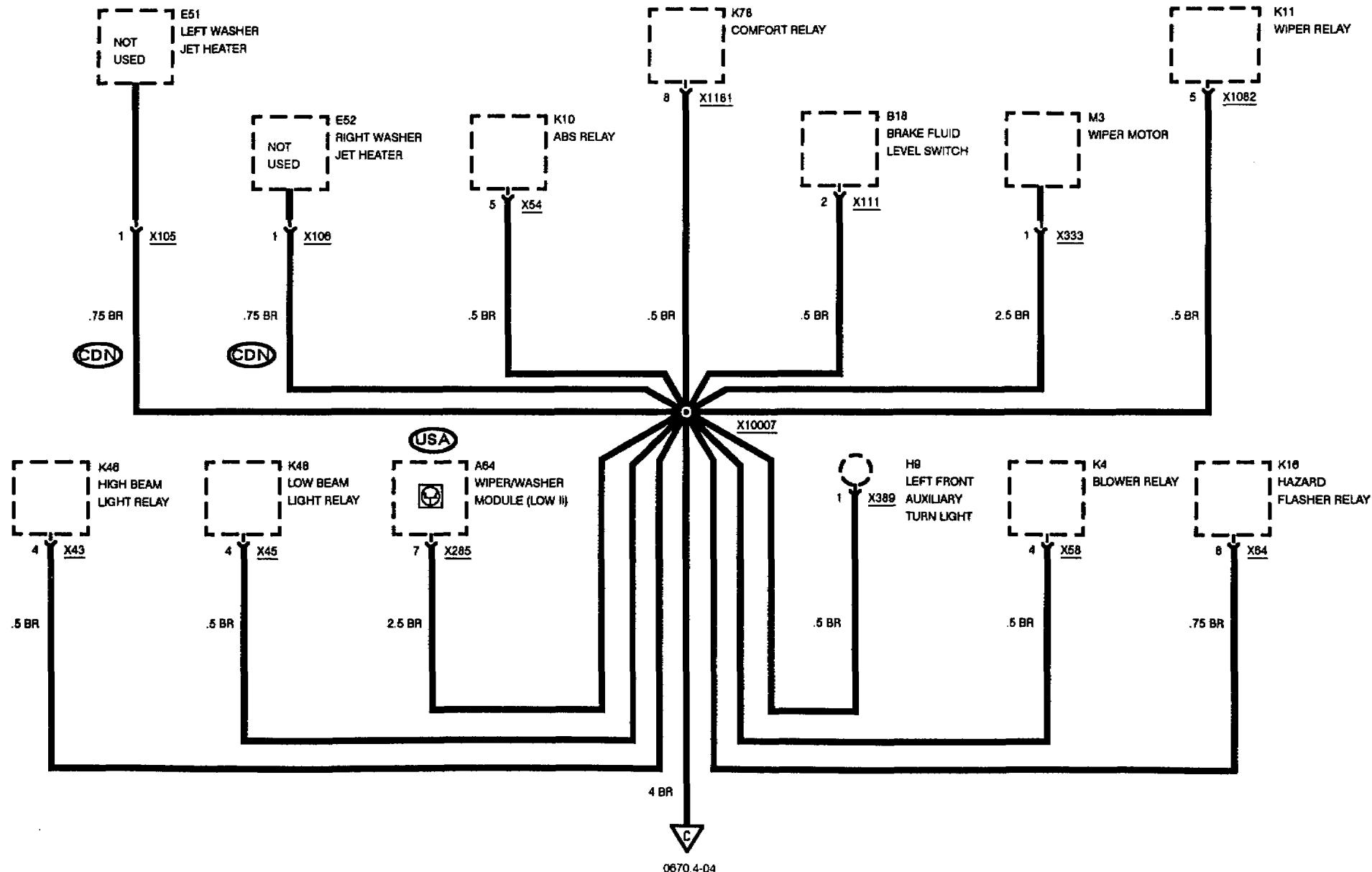
GROUND X173

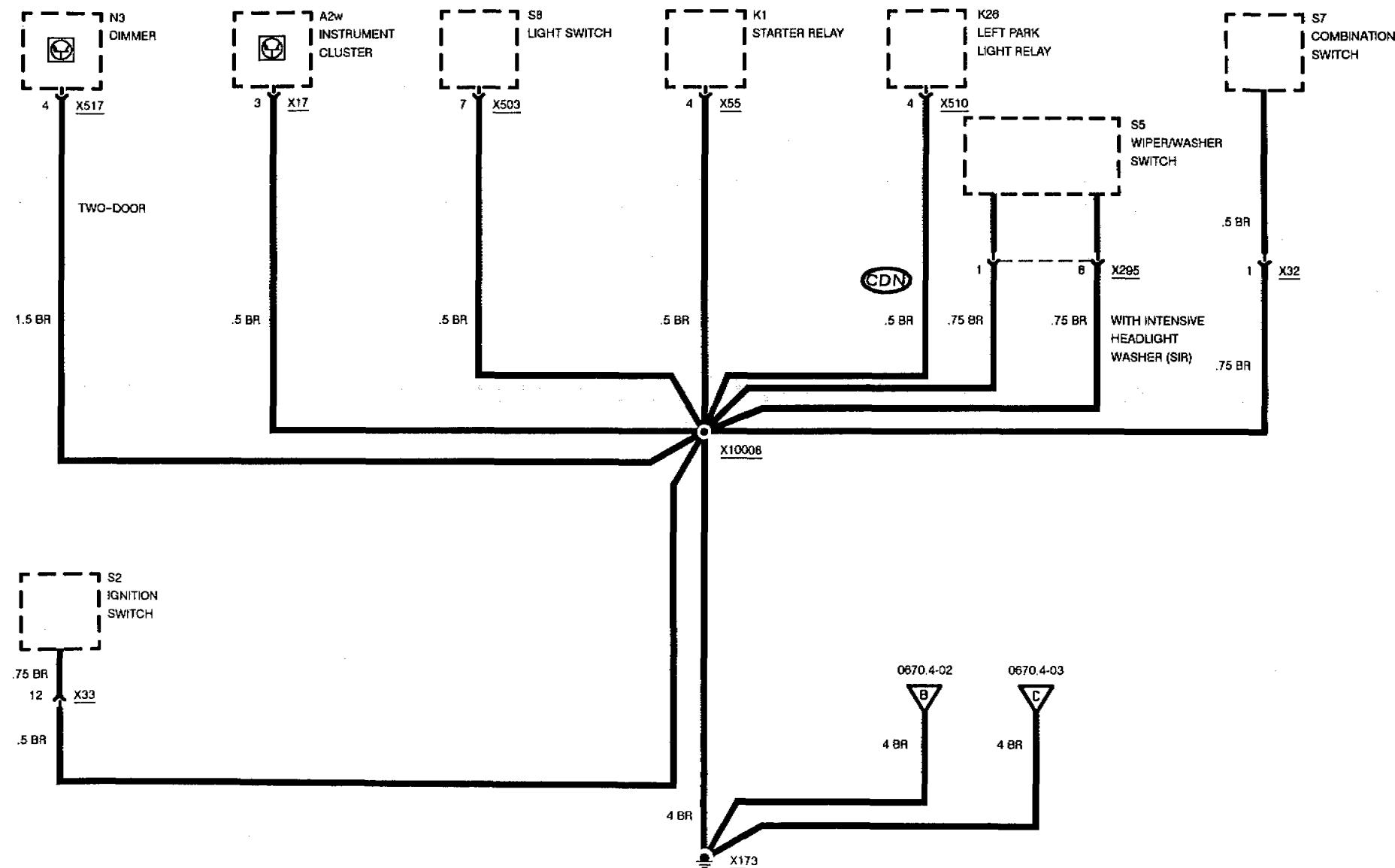




GROUND DISTRIBUTION

GROUND X173

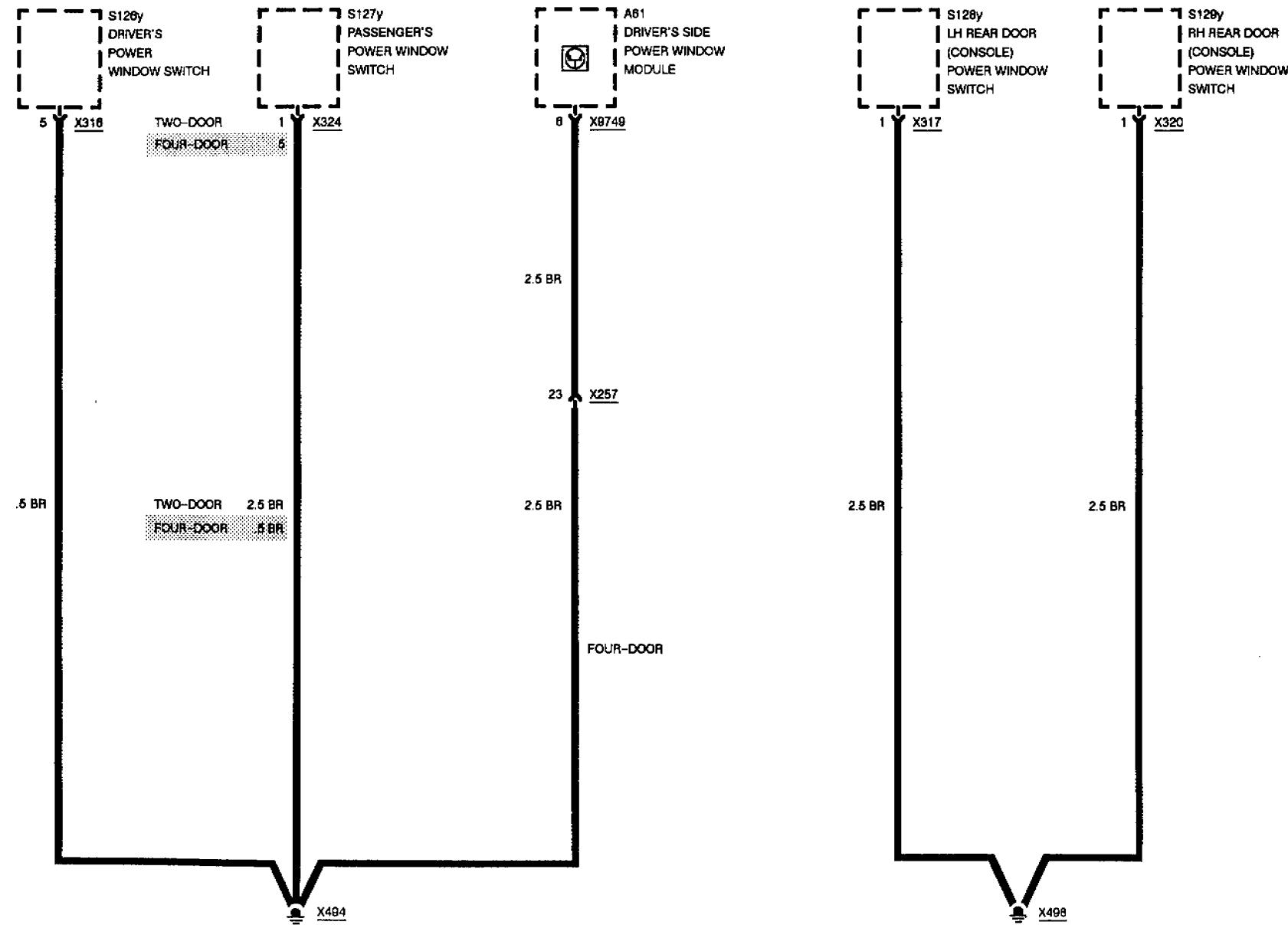


GROUND DISTRIBUTION
GROUND X173



GROUND DISTRIBUTION

GROUNDS X494 AND X498





GROUND DISTRIBUTION

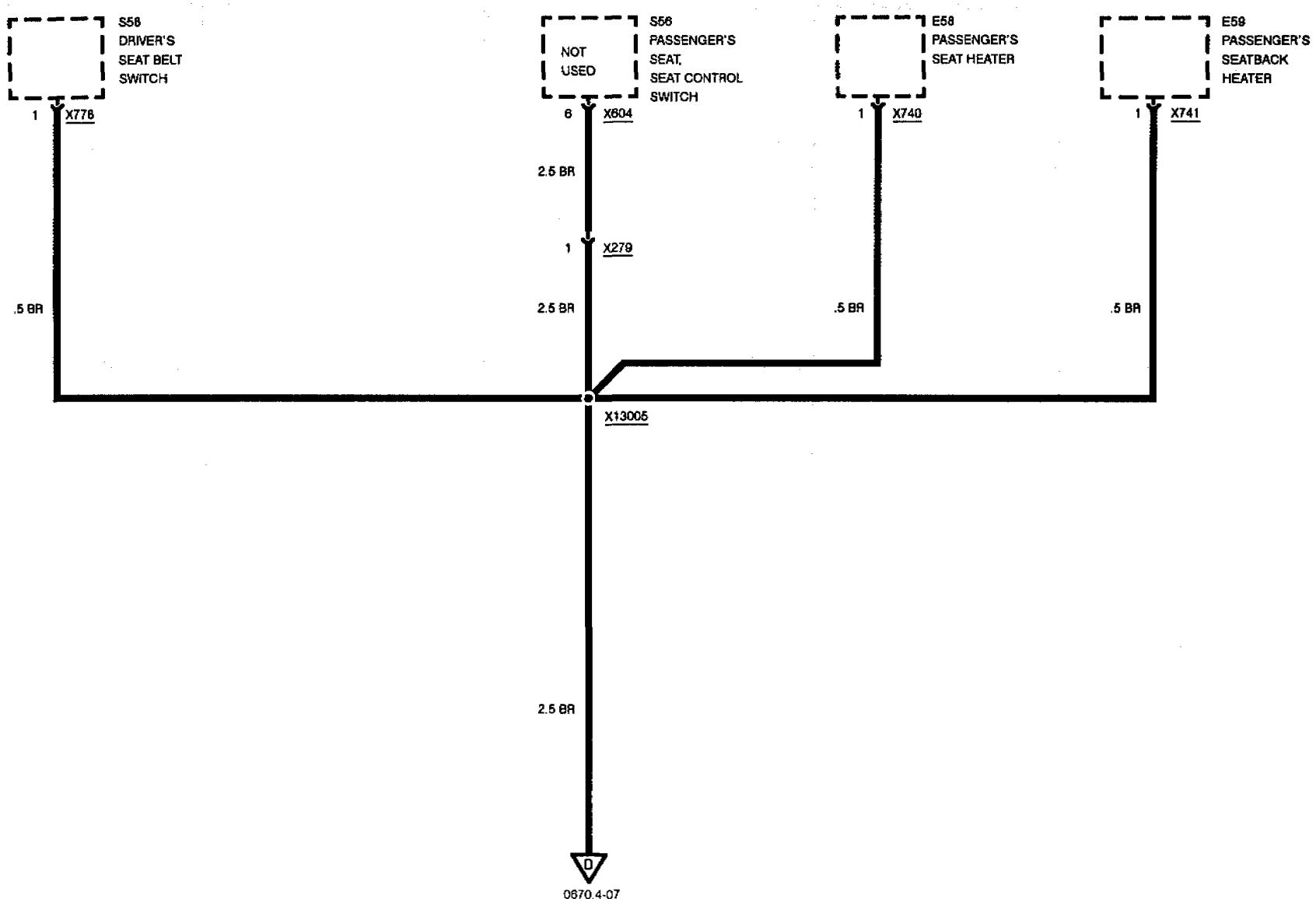
GROUND X495

TWO-DOOR

11/92

0670.4-06

1992

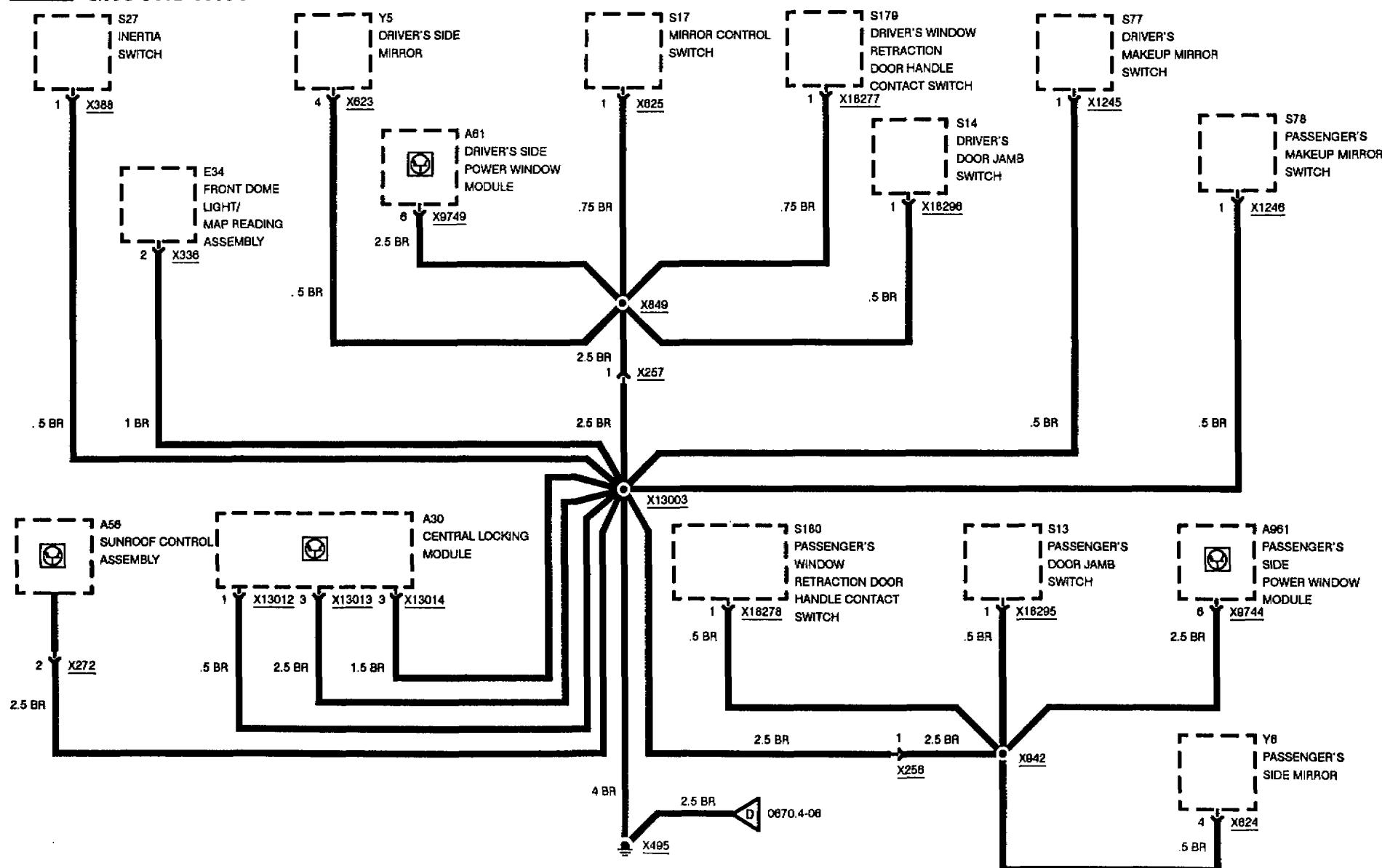




GROUND DISTRIBUTION

GROUND X495

TWO-DOOR

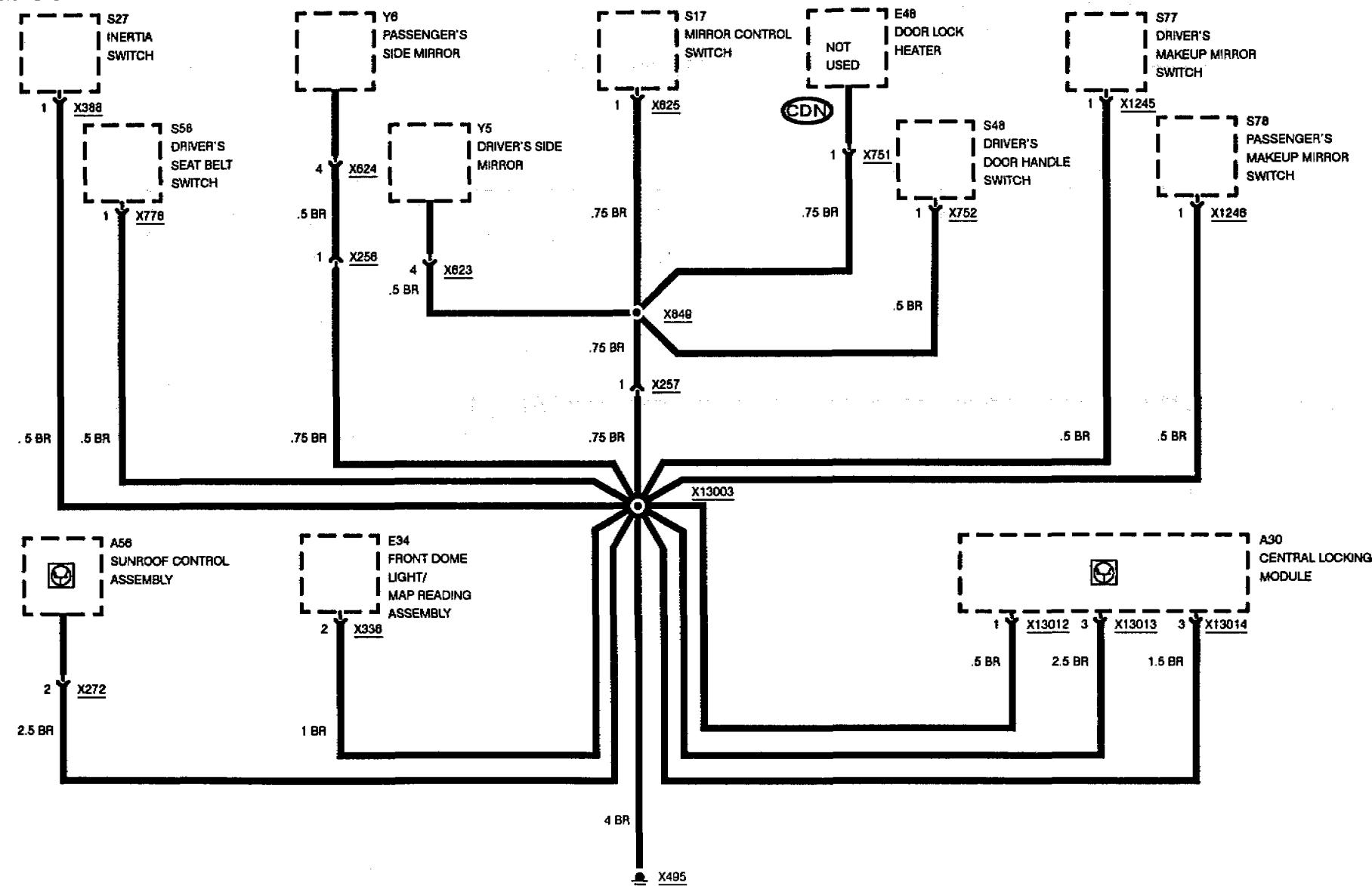




GROUND DISTRIBUTION

GROUND X495

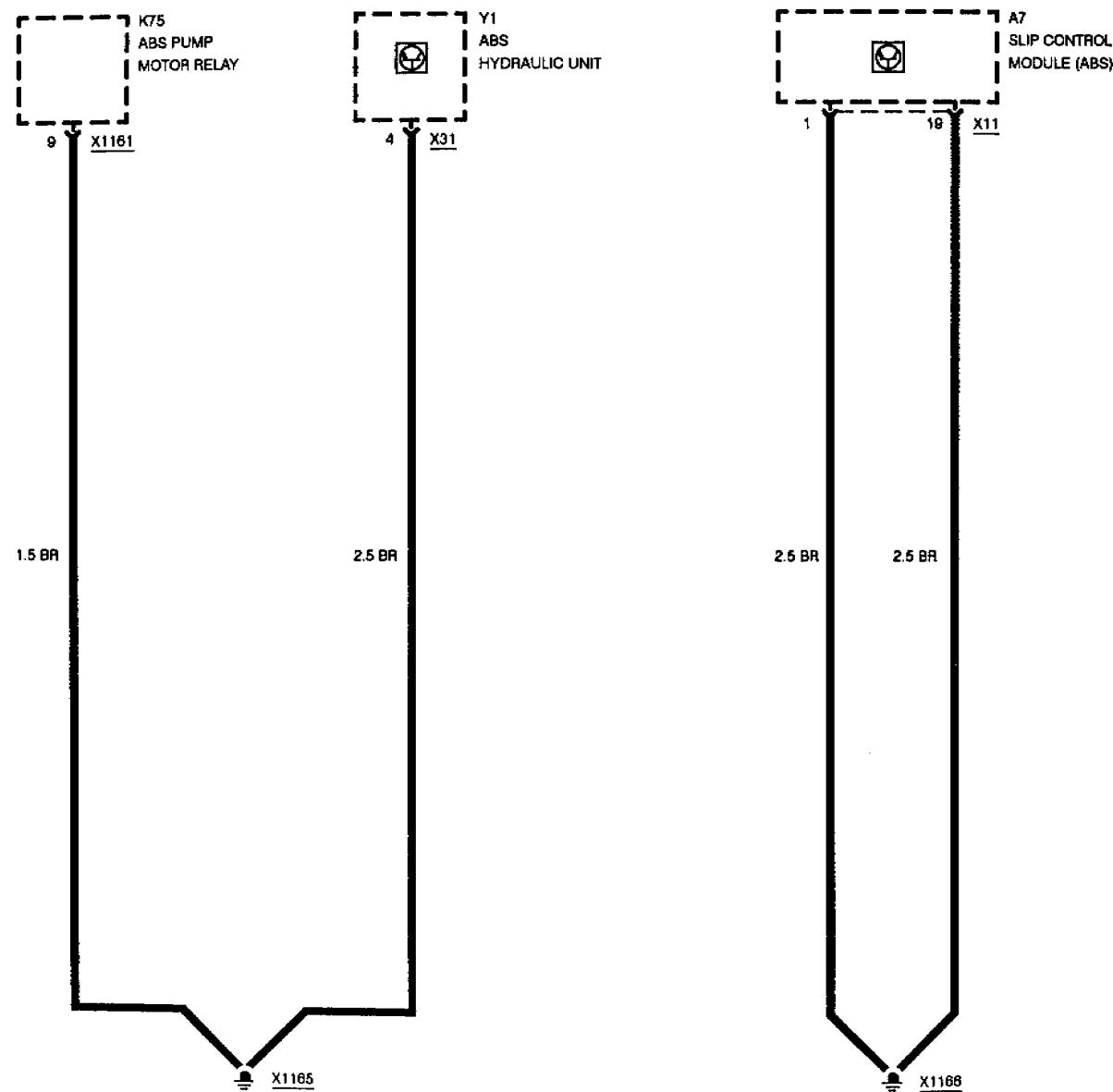
FOUR-DOOR

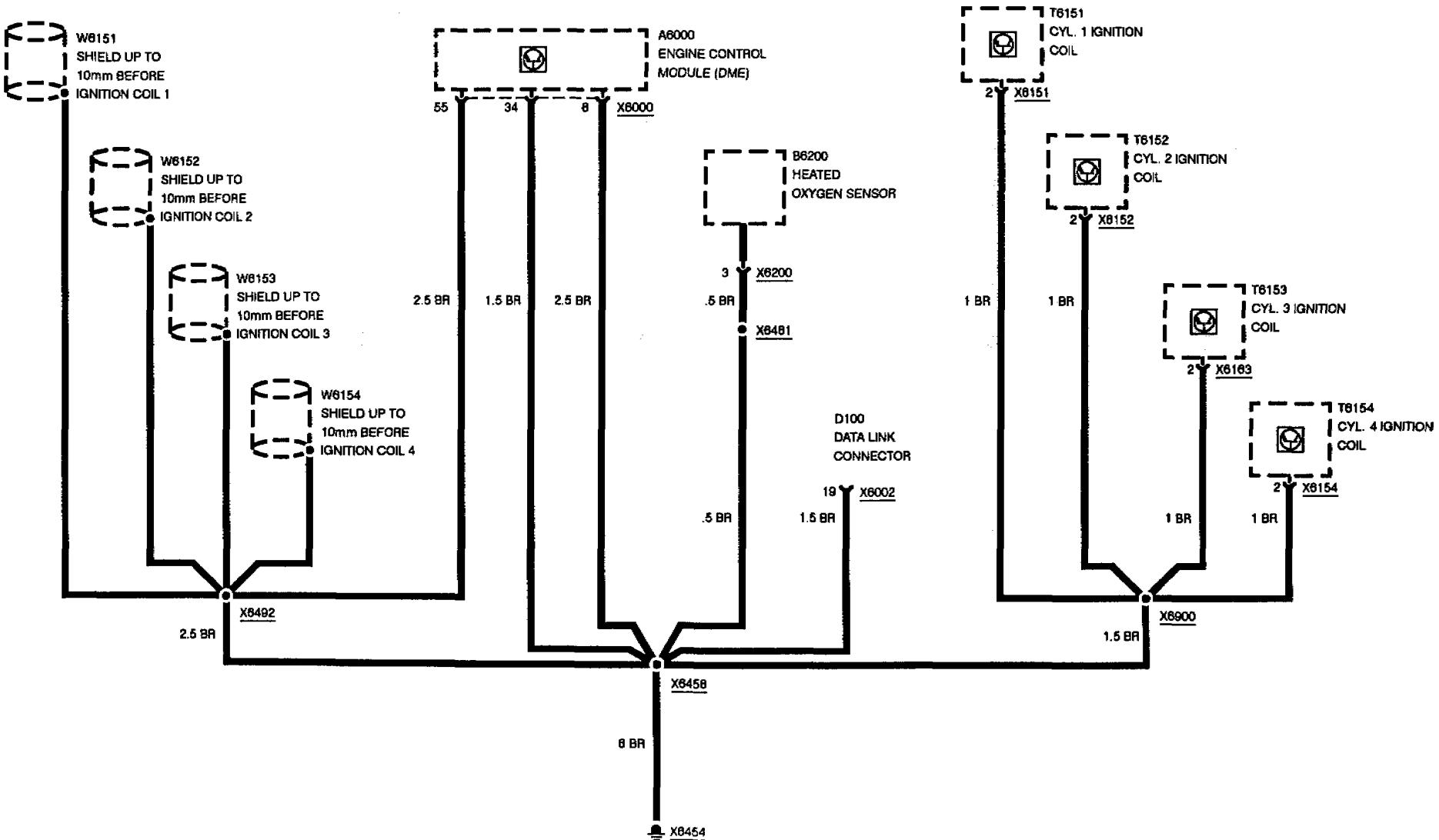




GROUND DISTRIBUTION

GROUNDS X1165 AND X1166







GROUND DISTRIBUTION

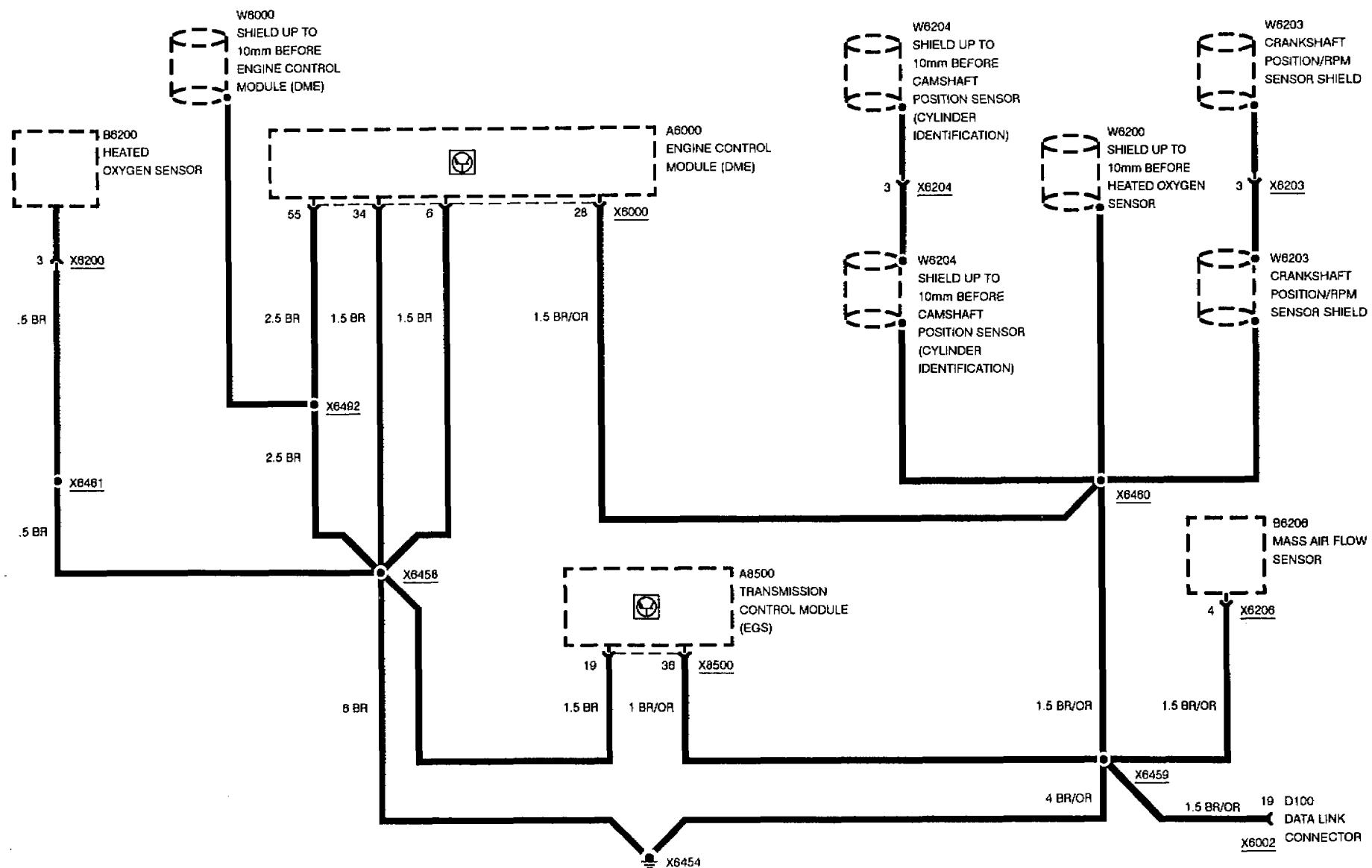
GROUND X6454

325i

11/92

0670.4-11

1992





GROUND DISTRIBUTION

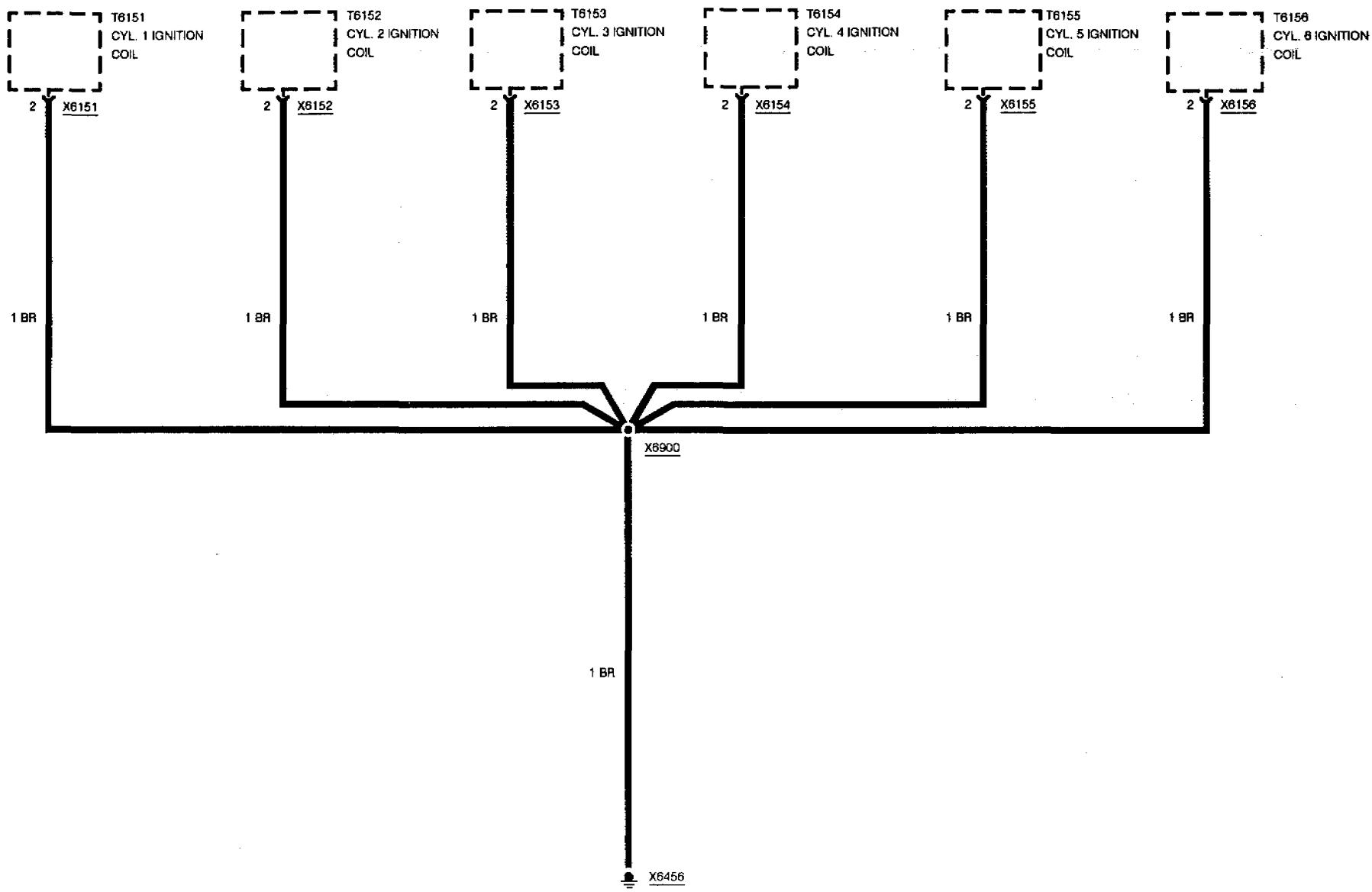
GROUND X6456

325i

11/92

0670.4-12

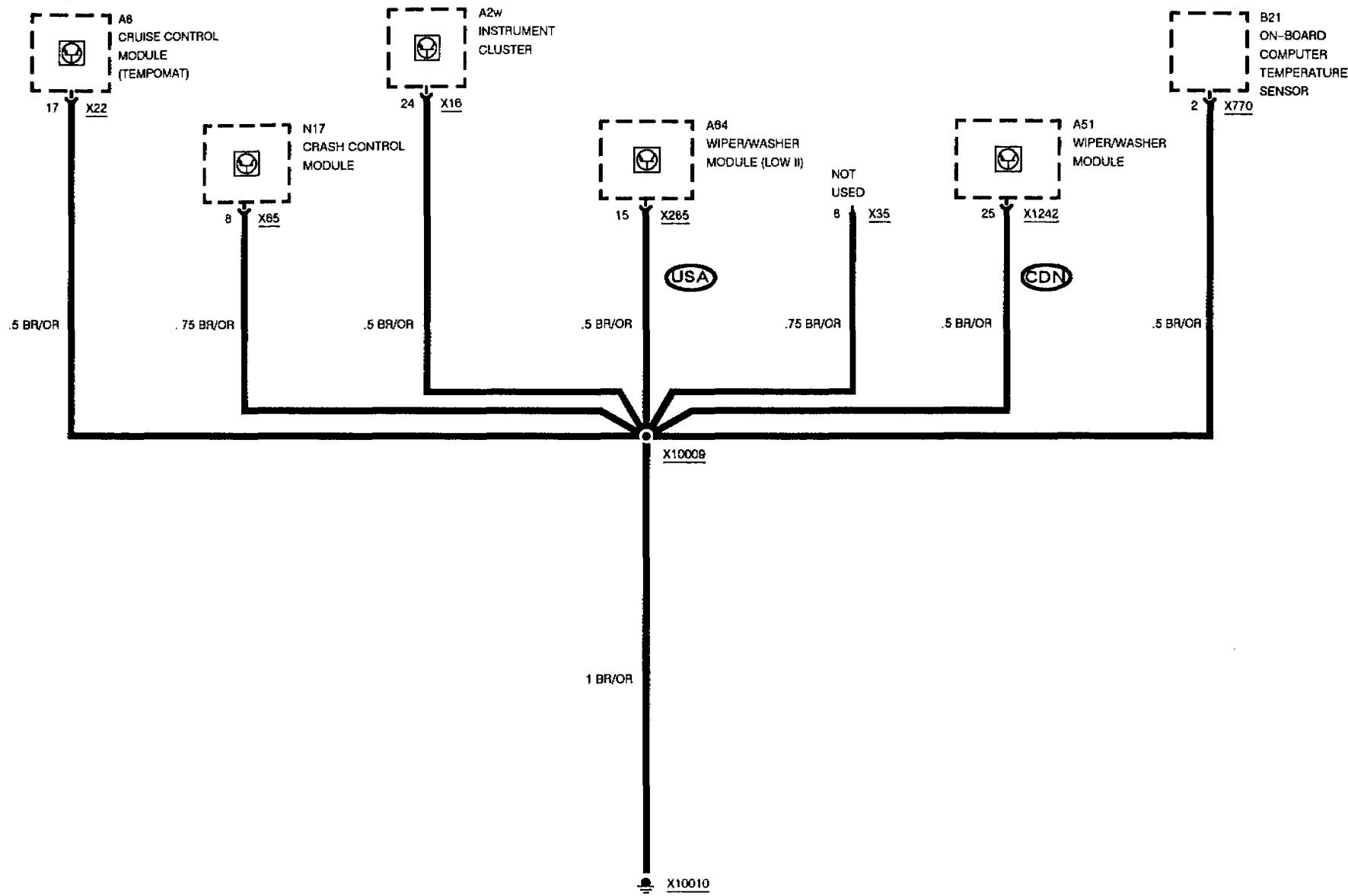
1992





GROUND DISTRIBUTION

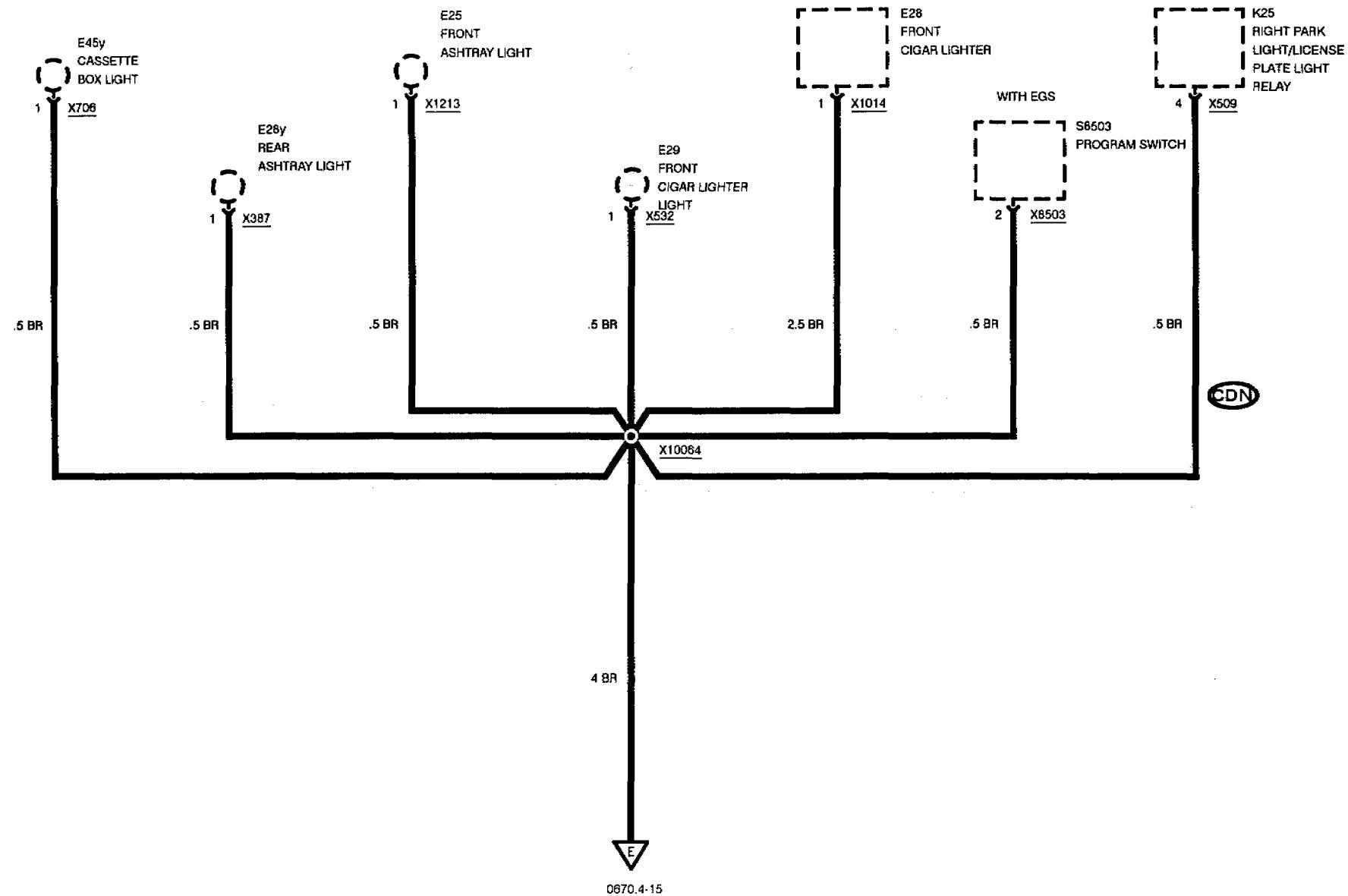
GROUND X10010





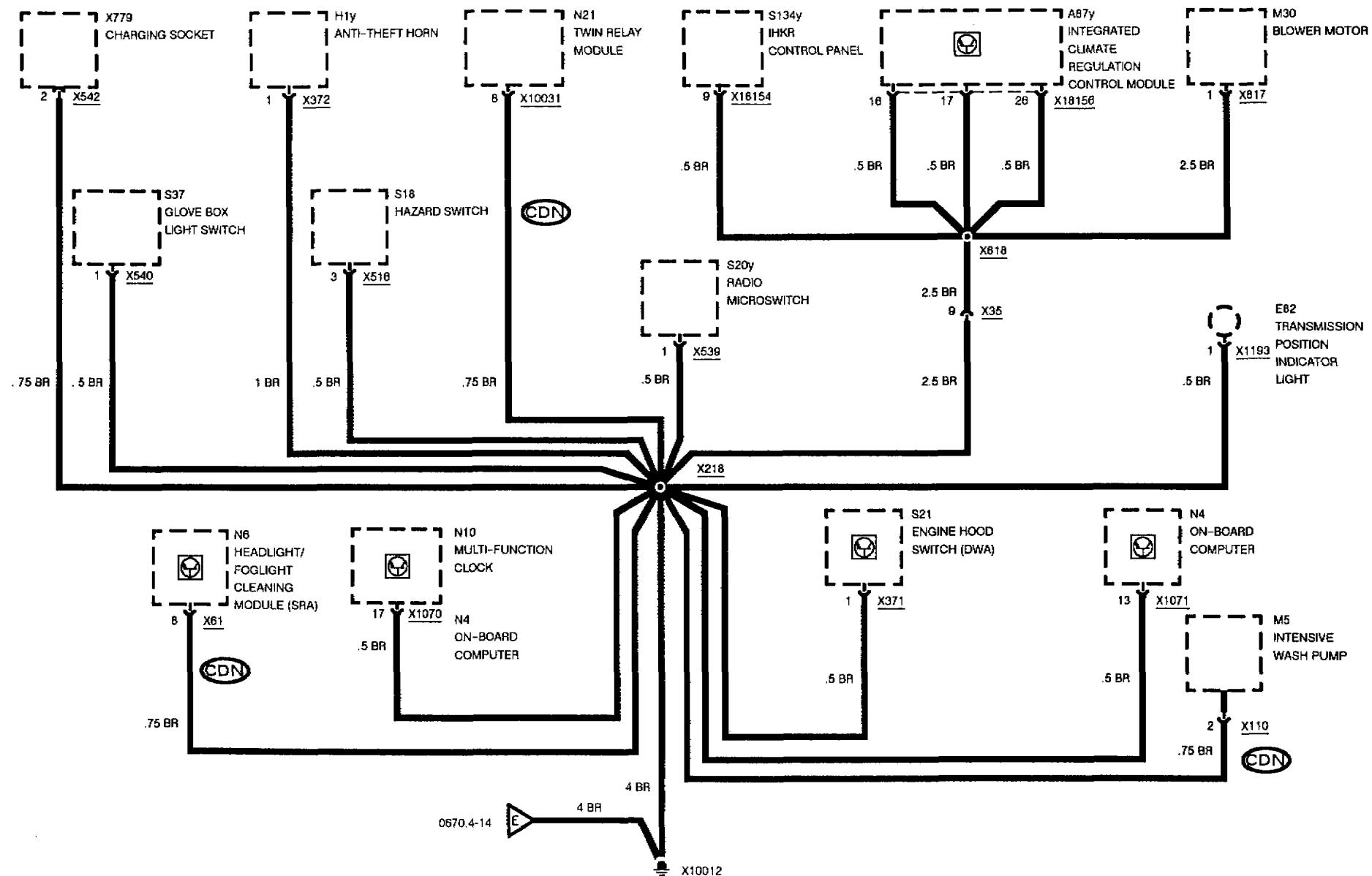
GROUND DISTRIBUTION

GROUND X10012



GROUND DISTRIBUTION

GROUND X10012





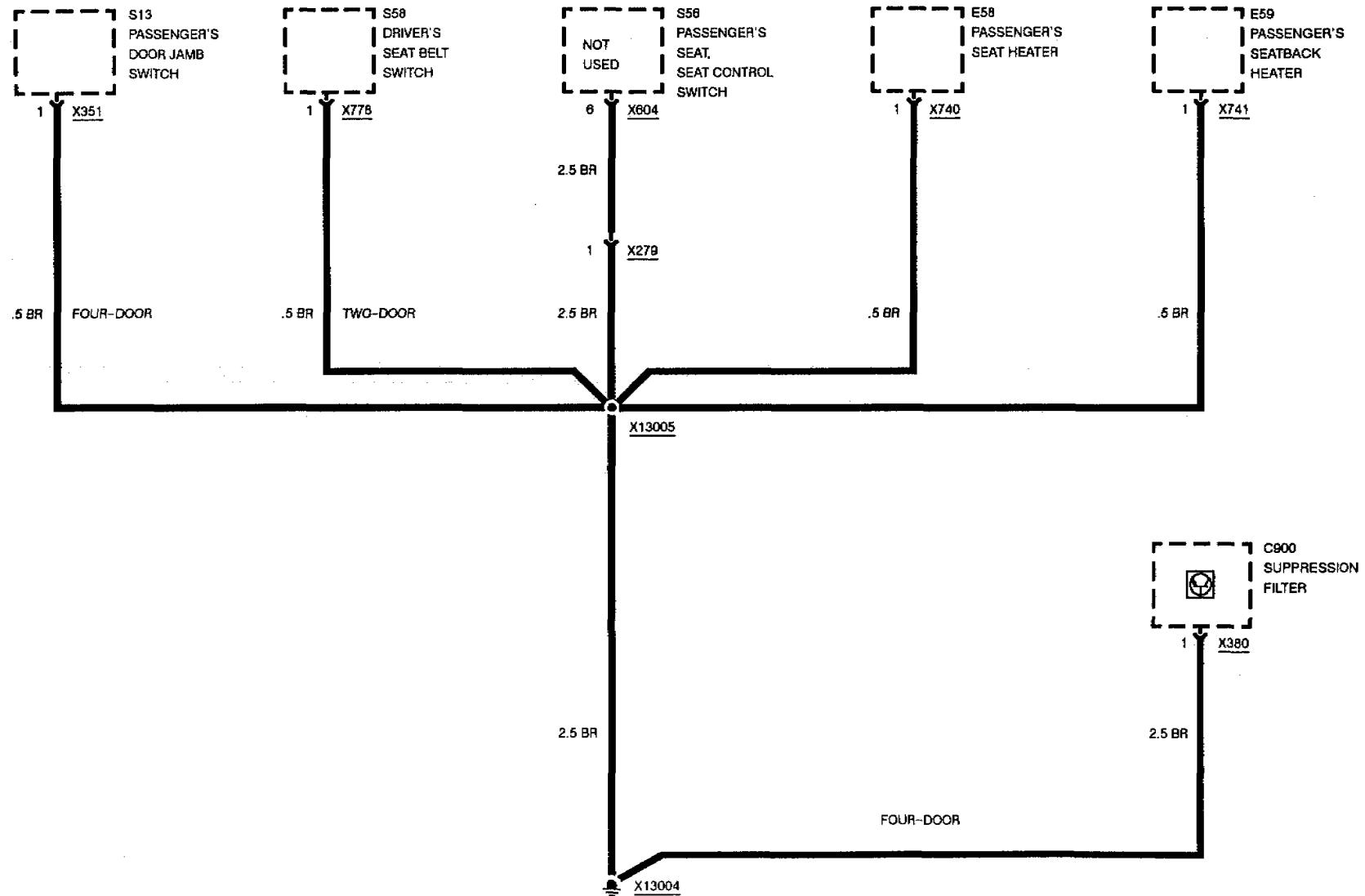
GROUND DISTRIBUTION

GROUND X13004

1/192

0670.4-16

1992





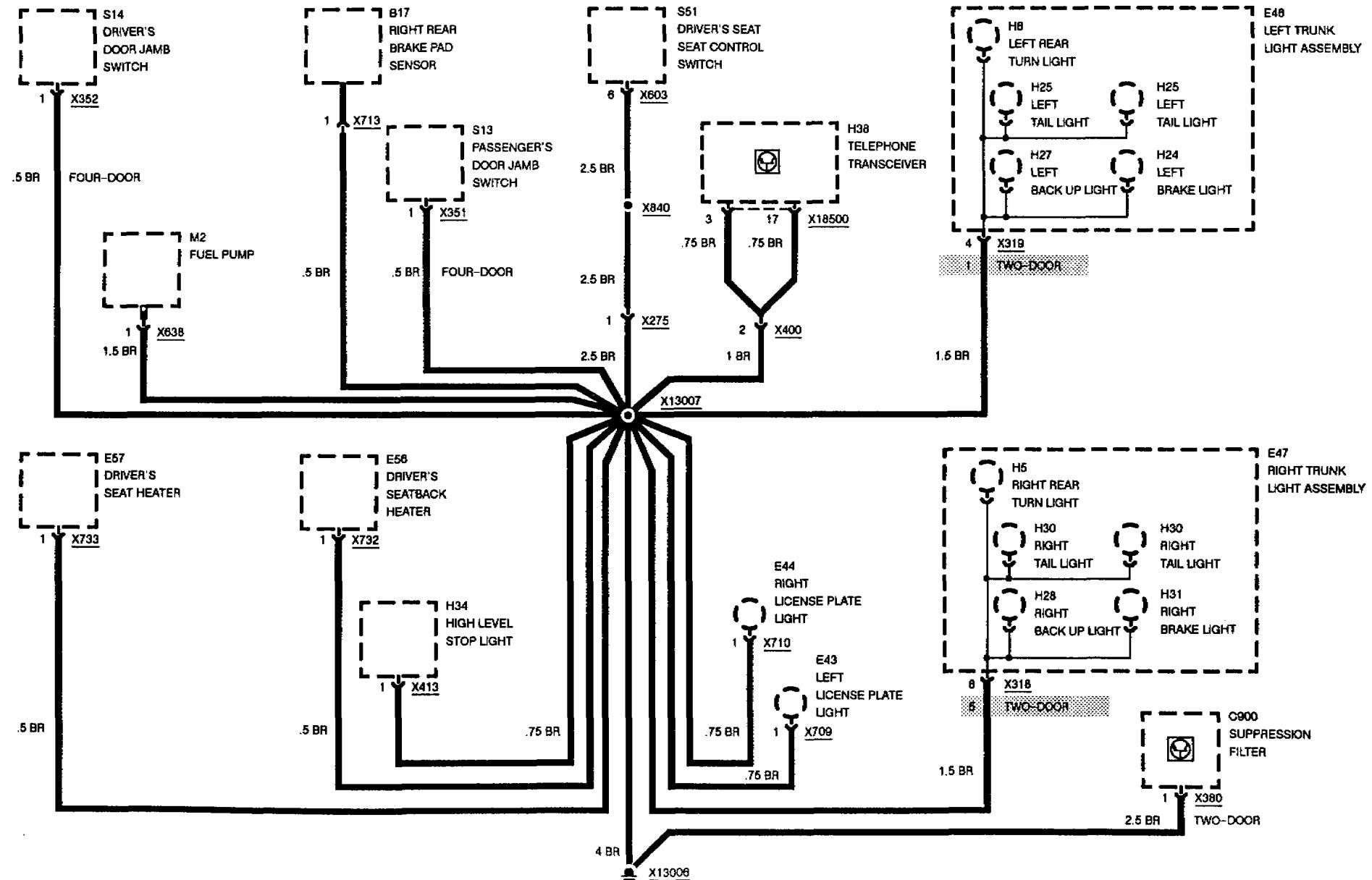
GROUND DISTRIBUTION

GROUND X13006

11/92

0670.4-17

1992



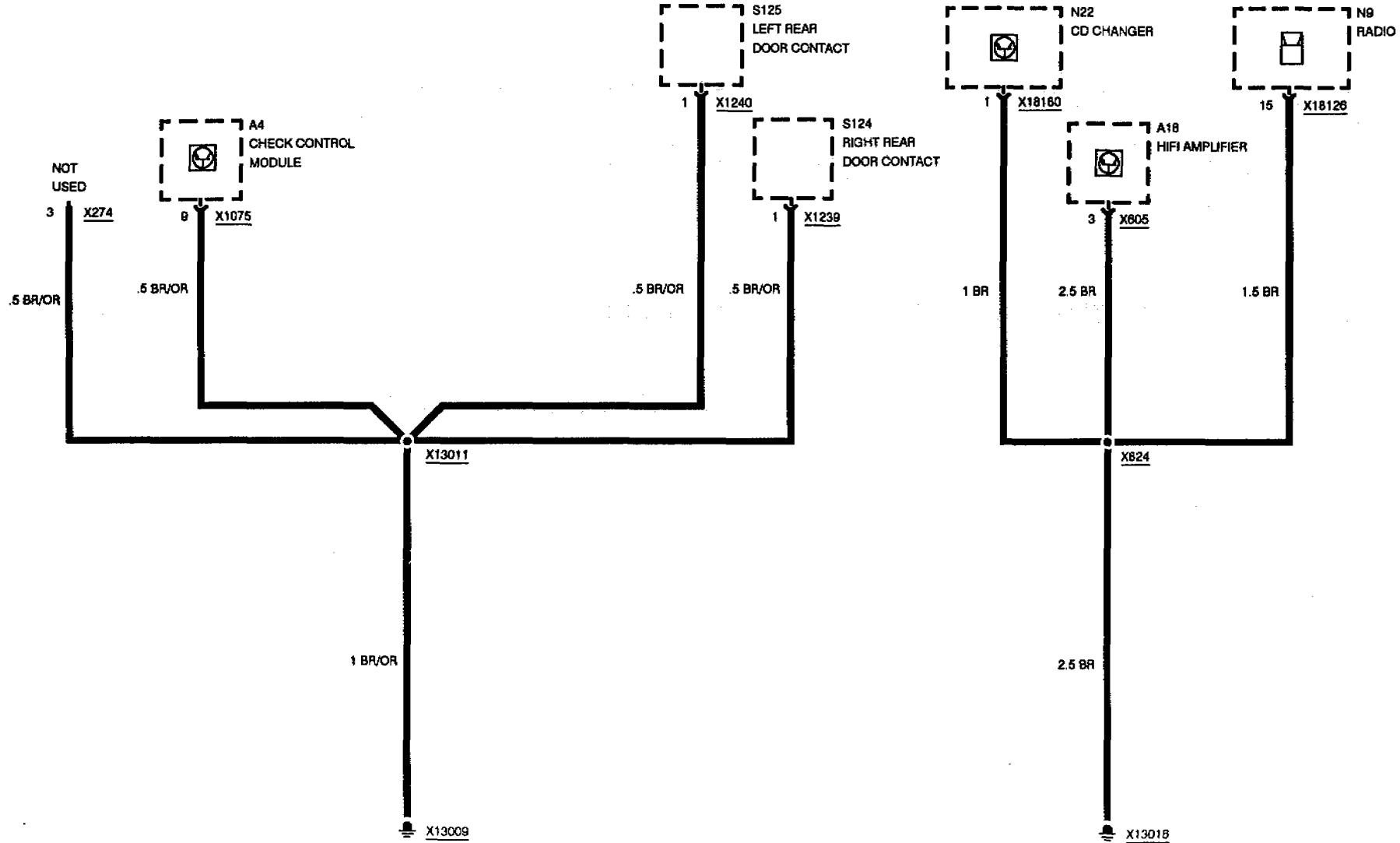


GROUND DISTRIBUTION

GROUNDS X13009 AND X13016

11/92

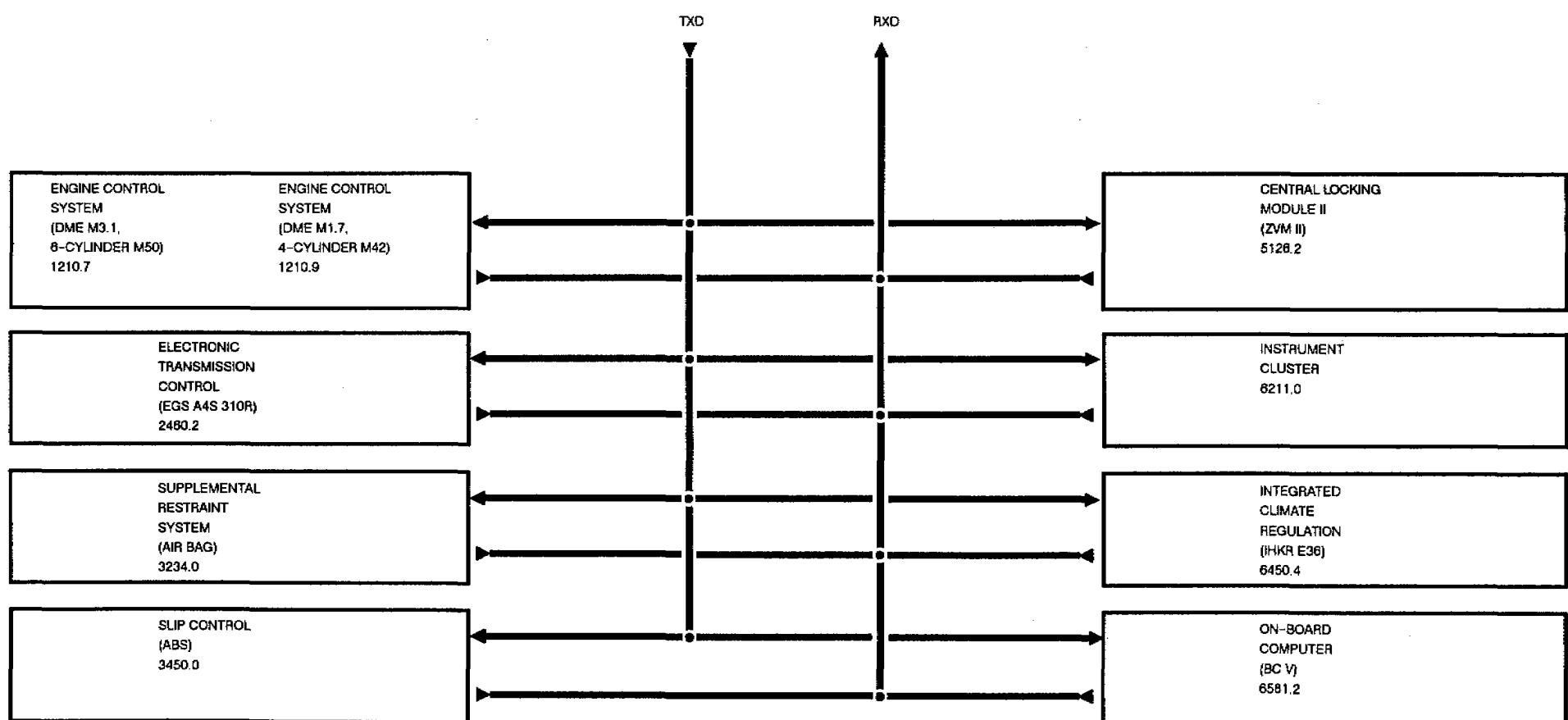
0670.4-18



1992



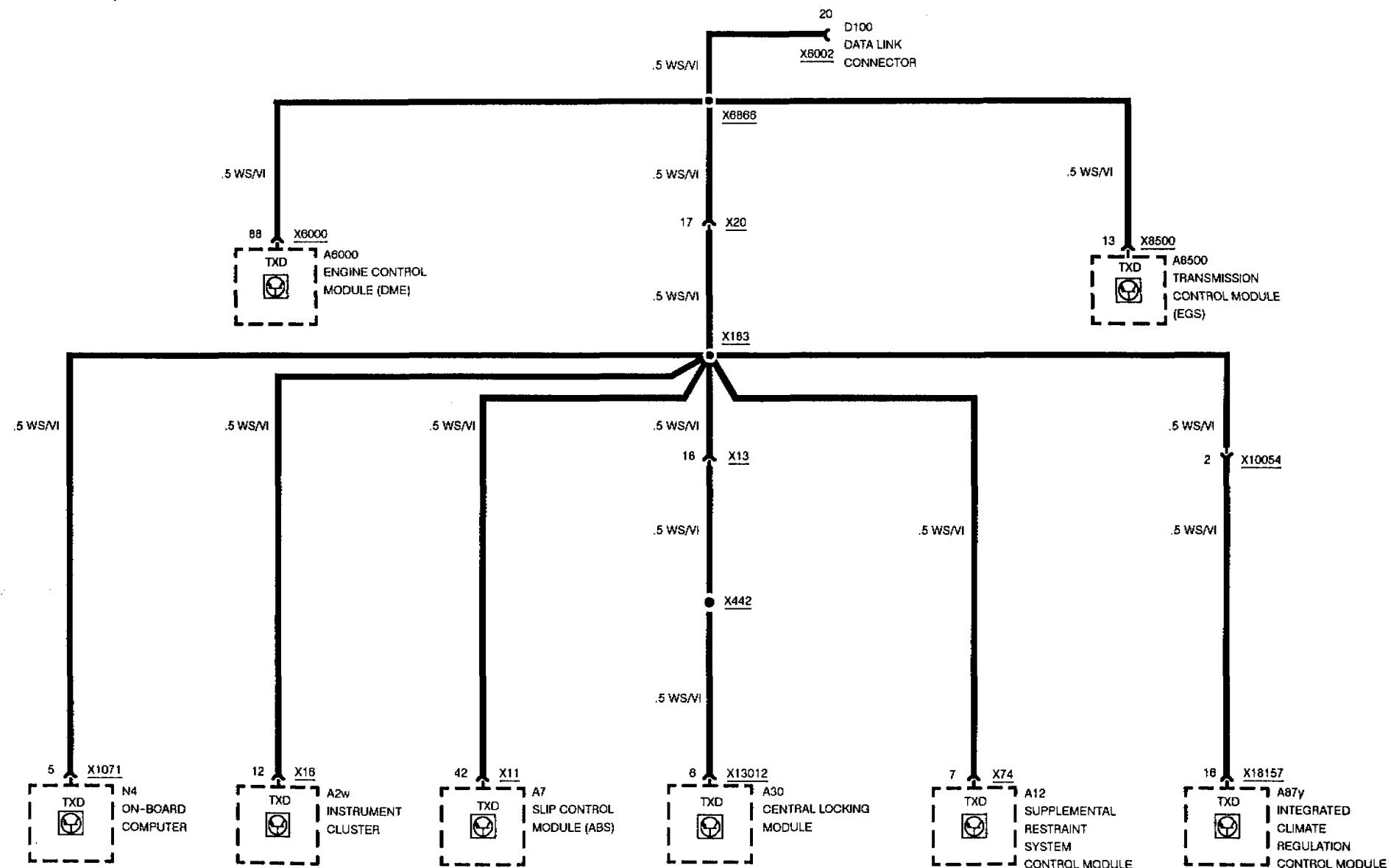
0670.5

D100
DATA LINK
CONNECTOR



DATA LINK

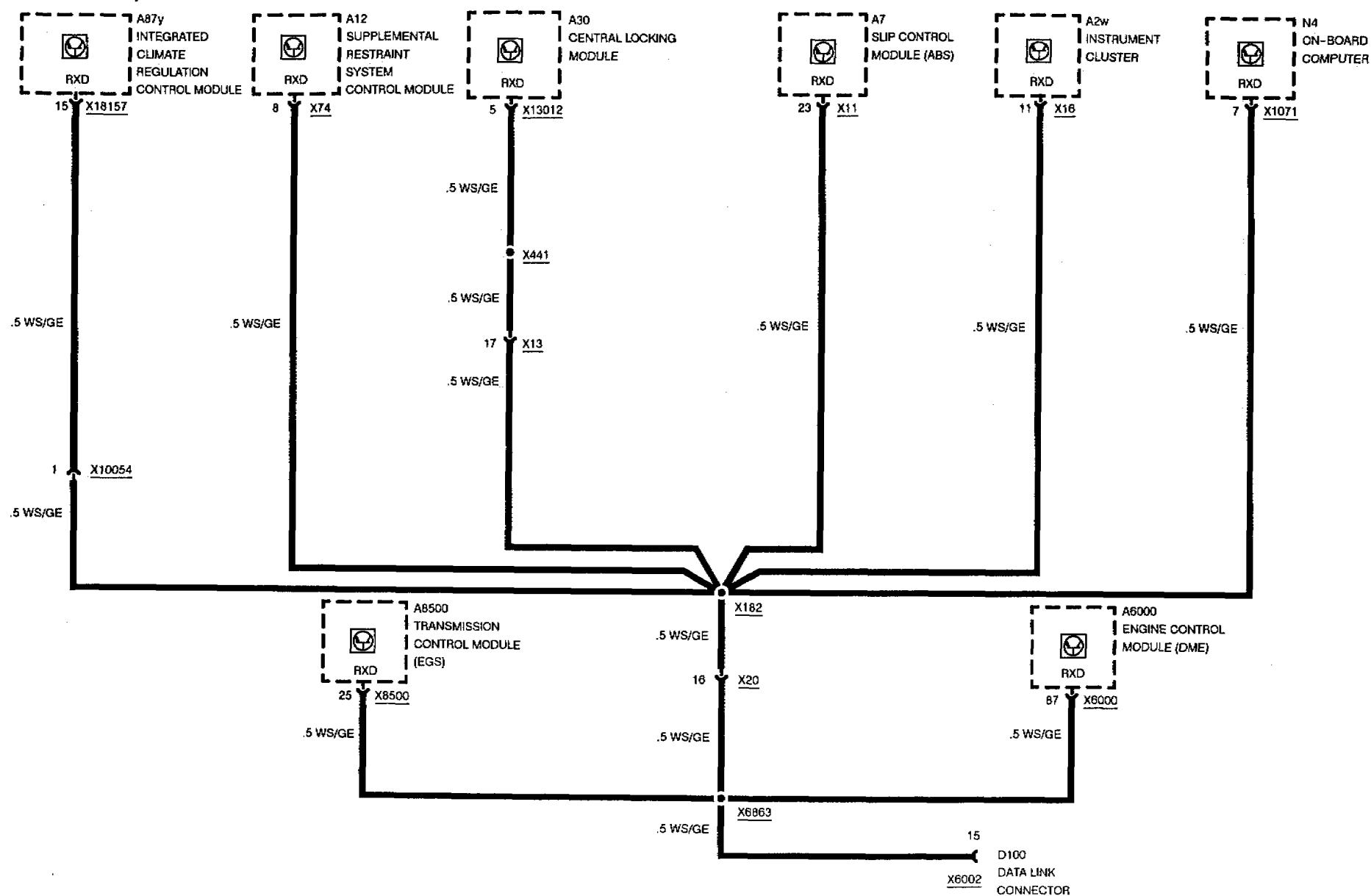
TXD, PIN 20





DATA LINK

RXD, PIN 15





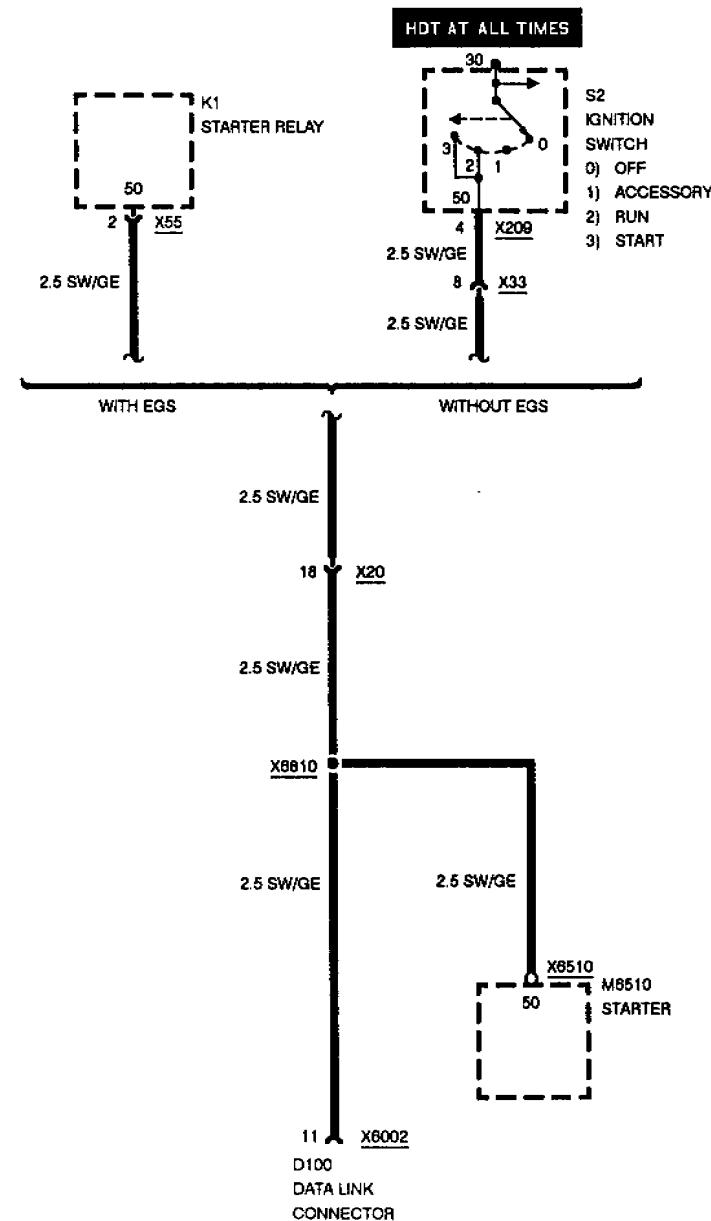
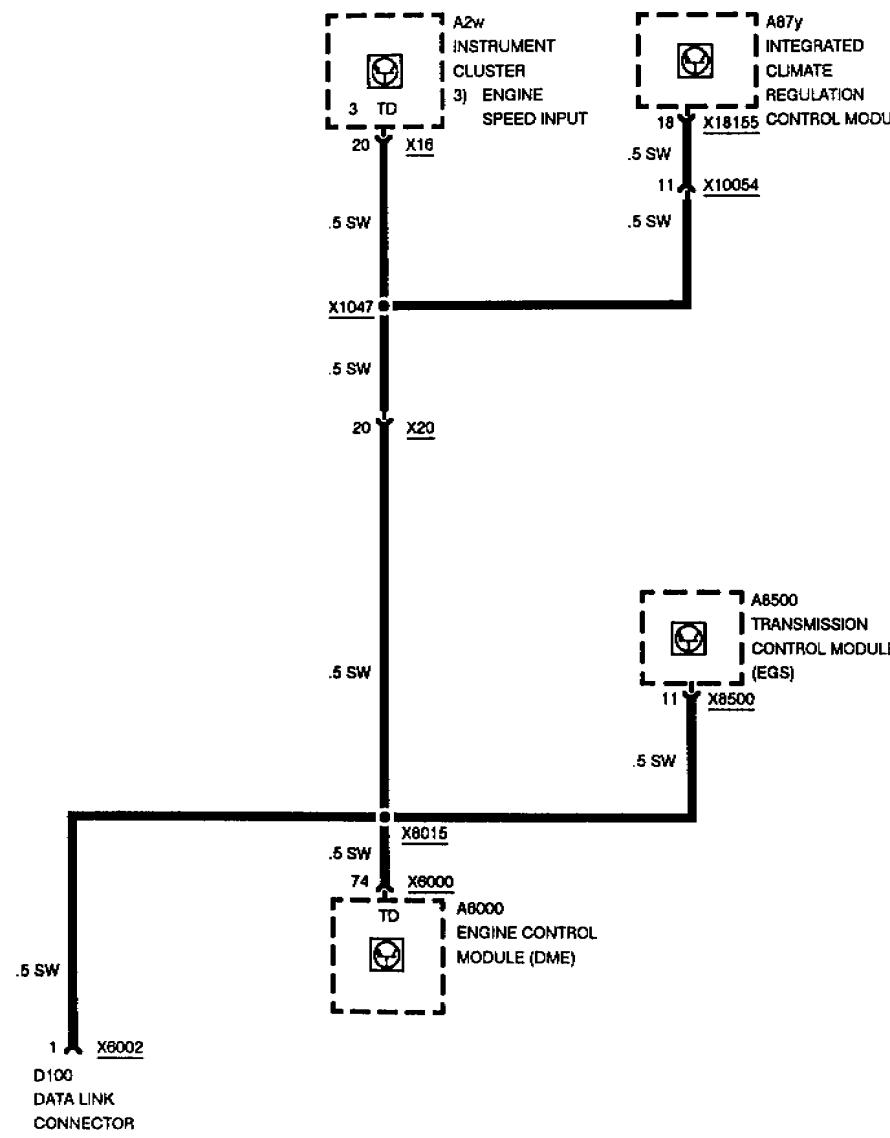
DATA LINK

DATA LINK PINS 1 AND 11

11/92

0670.5-03

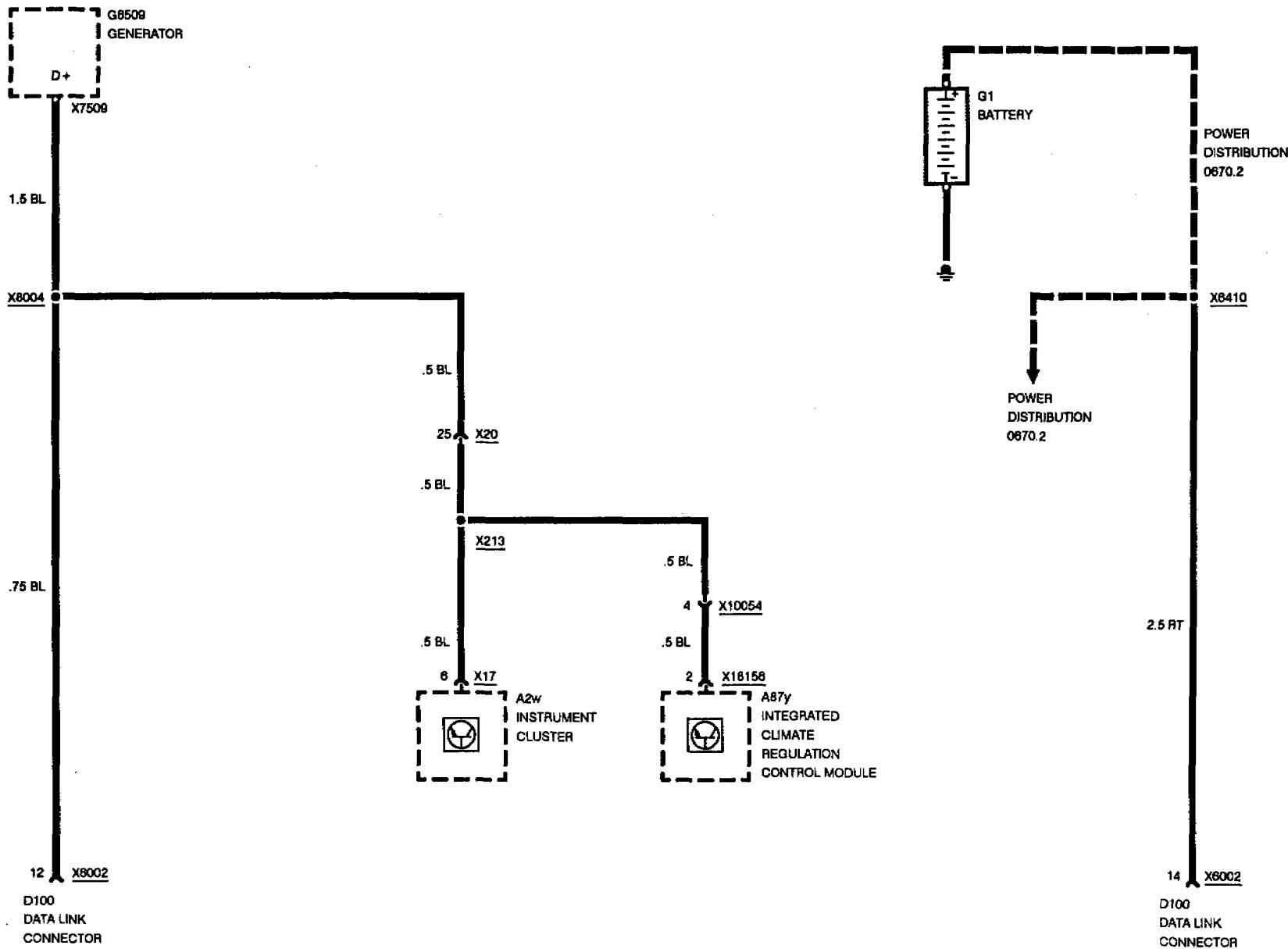
1992





DATA LINK

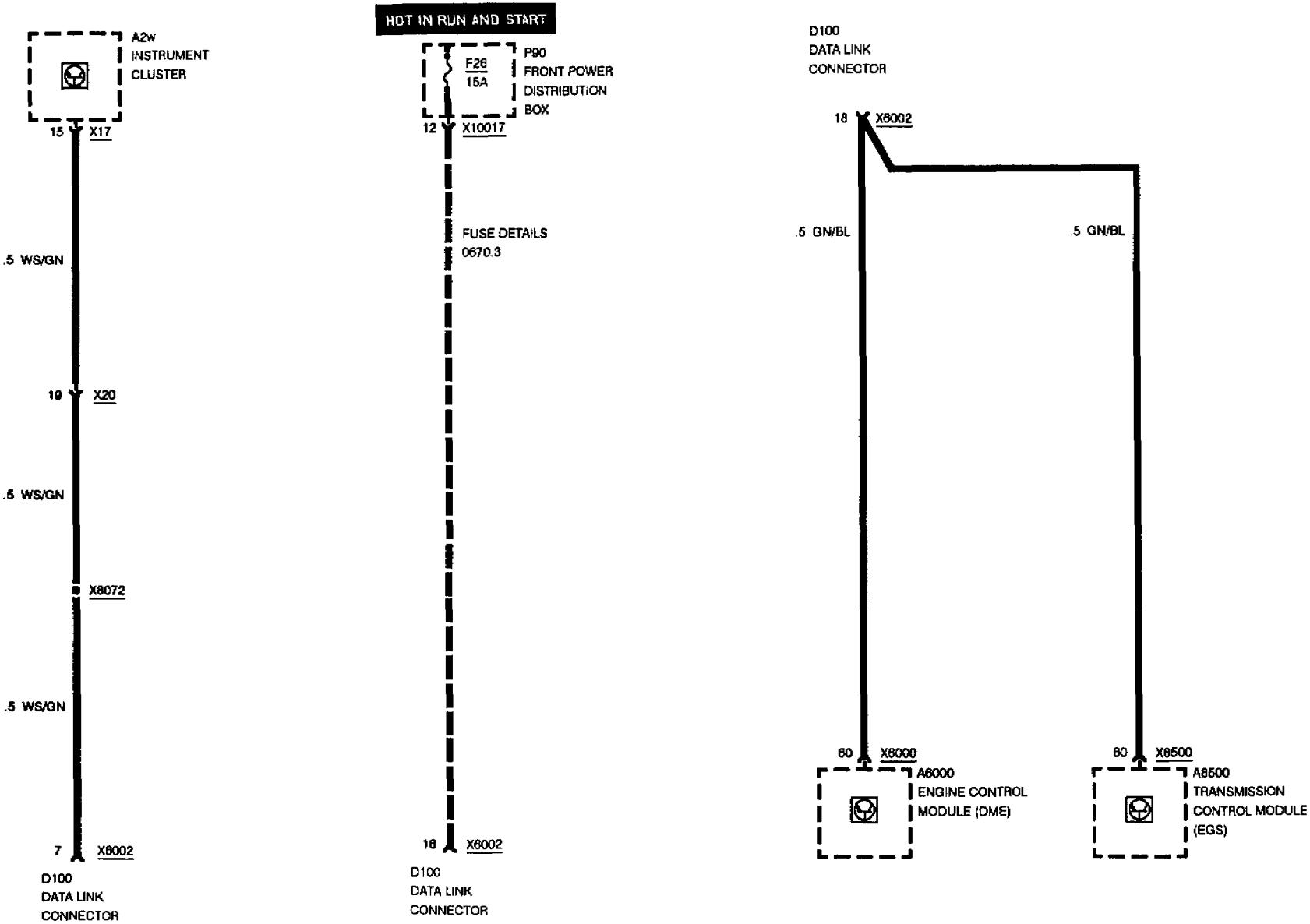
DATA LINK PINS 12 AND 14





DATA LINK

DATA LINK PINS 7, 16, AND 18





DATA LINK

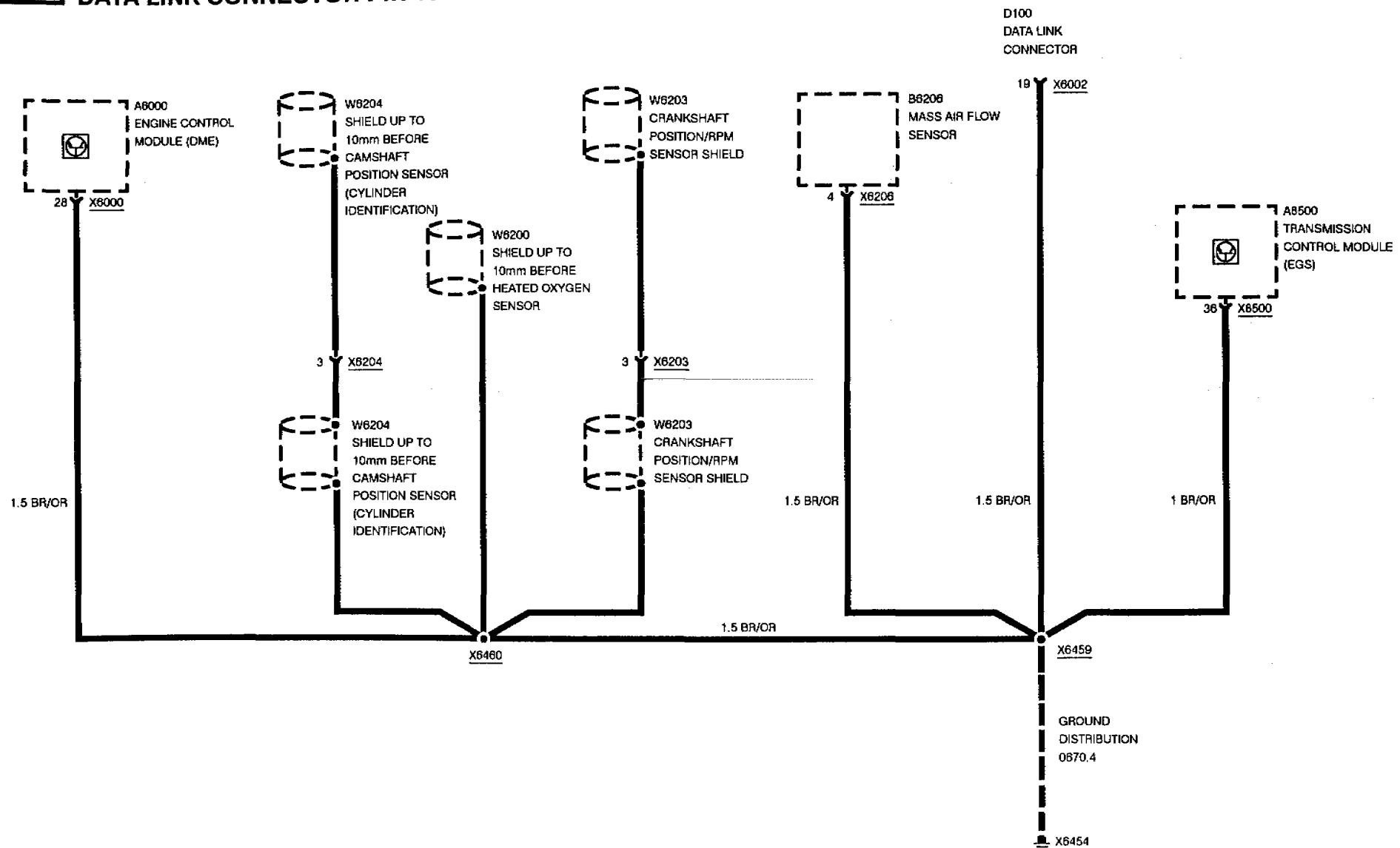
325i

DATA LINK CONNECTOR PIN 19

11/92

0670.5-06

1992



**DATA LINK**

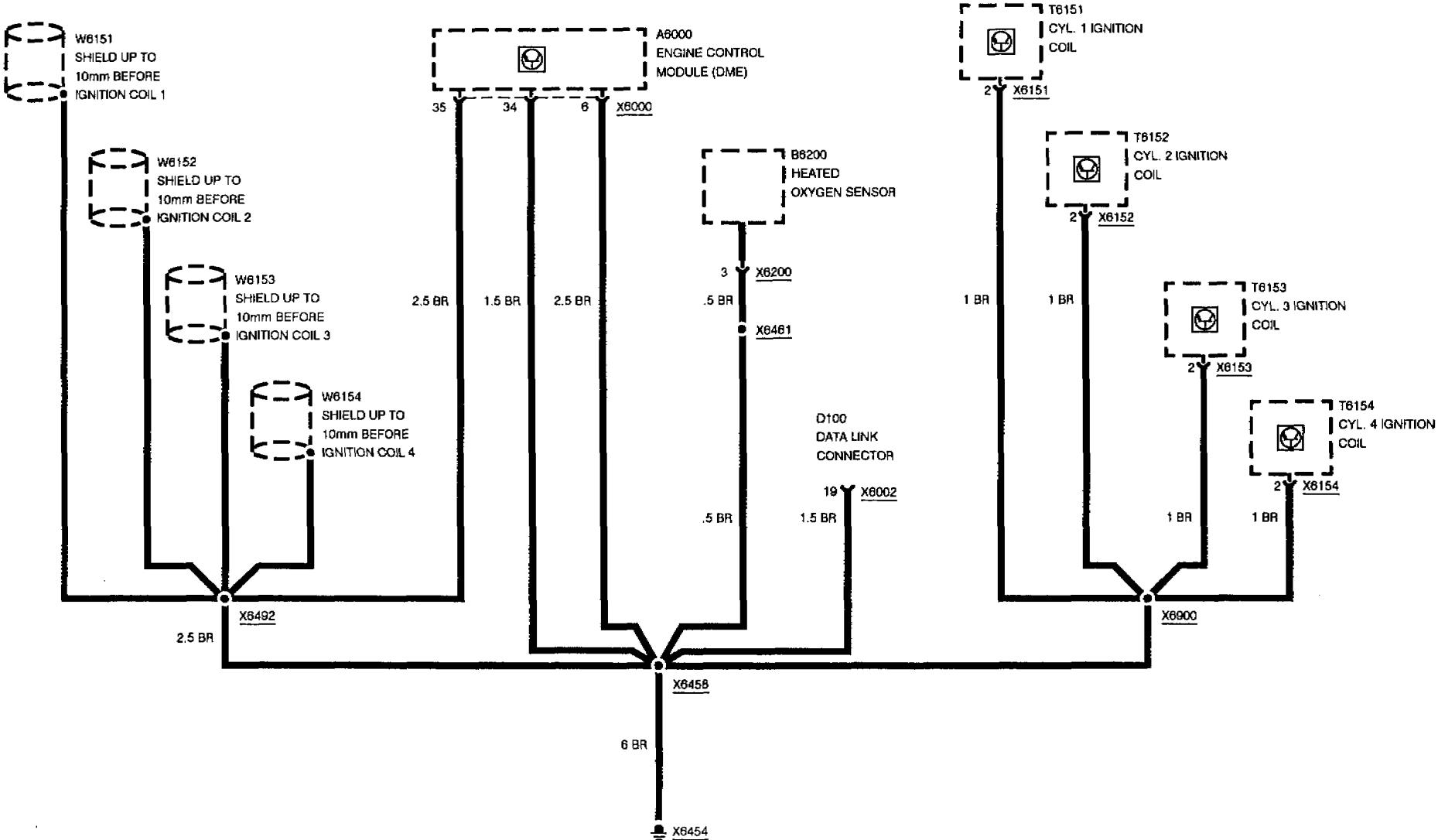
318is

DATA LINK CONNECTOR PIN 19

11/92

0670.5-07

1992





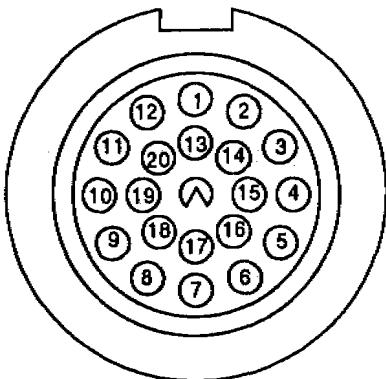
DATA LINK

DATA LINK CONNECTOR (X6002)

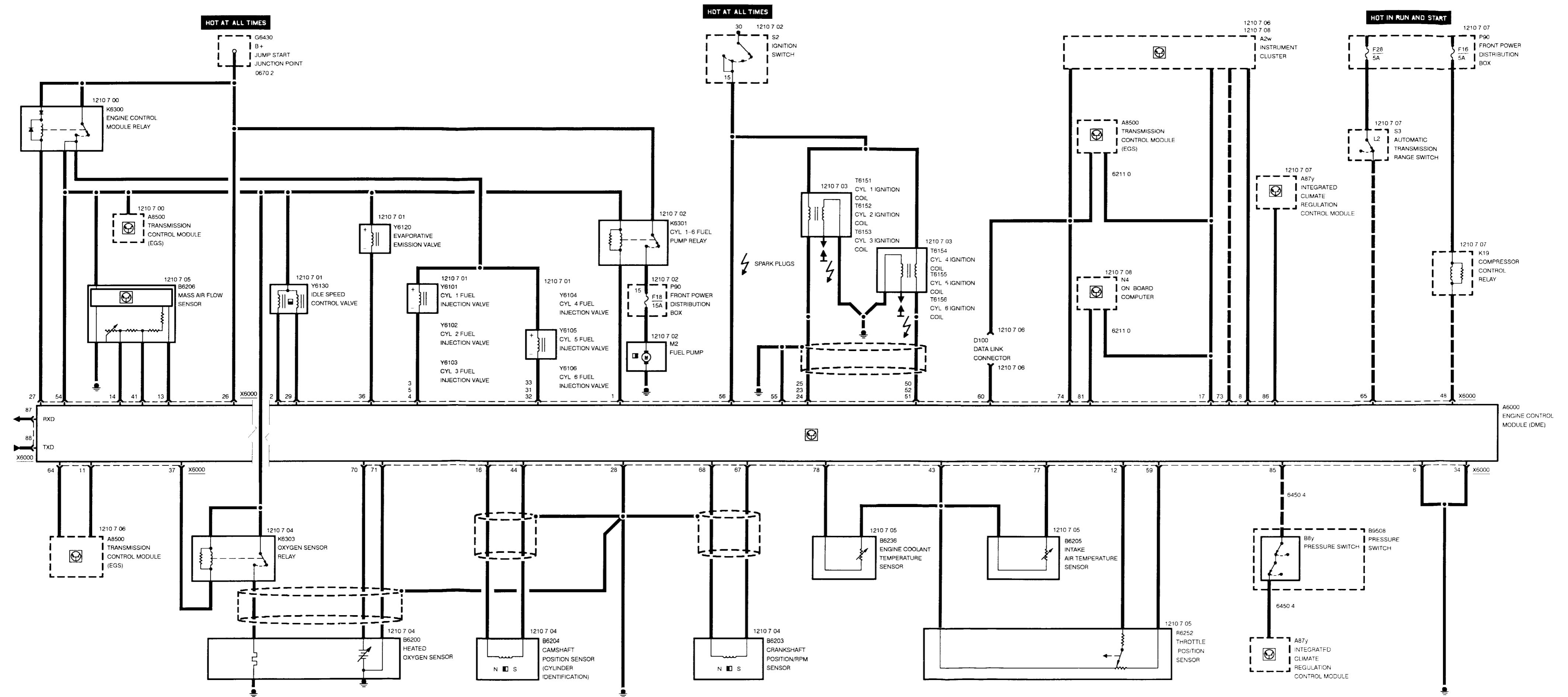
11/92

0670.5-08

1992



PIN NUMBER	TERMINAL NUMBER	TERMINAL DESCRIPTION	WIRE COLOR
1	-	MOTOR	SW
2	-	NOT OCCUPIED	
3	-	NOT OCCUPIED	
4	-	NOT OCCUPIED	
5	-	NOT OCCUPIED	
6	-	NOT OCCUPIED	
7	SI	SERVICE INTERVAL RESET	WS/GN
8	-	NOT OCCUPIED	
9	-	NOT OCCUPIED	
10	-	NOT OCCUPIED	
11	50	VOLTAGE: IGNITION SWITCH IN START	SW/GE
12	61(D+)	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	-	NOT OCCUPIED	
18	-	PROGRAM SELECT FOR ENGINE CONTROL MODULE (DME) GN/BL	
19	31	GROUND	BR
20	TXD	DIAGNOSTIC DATA LINK	WS/VI





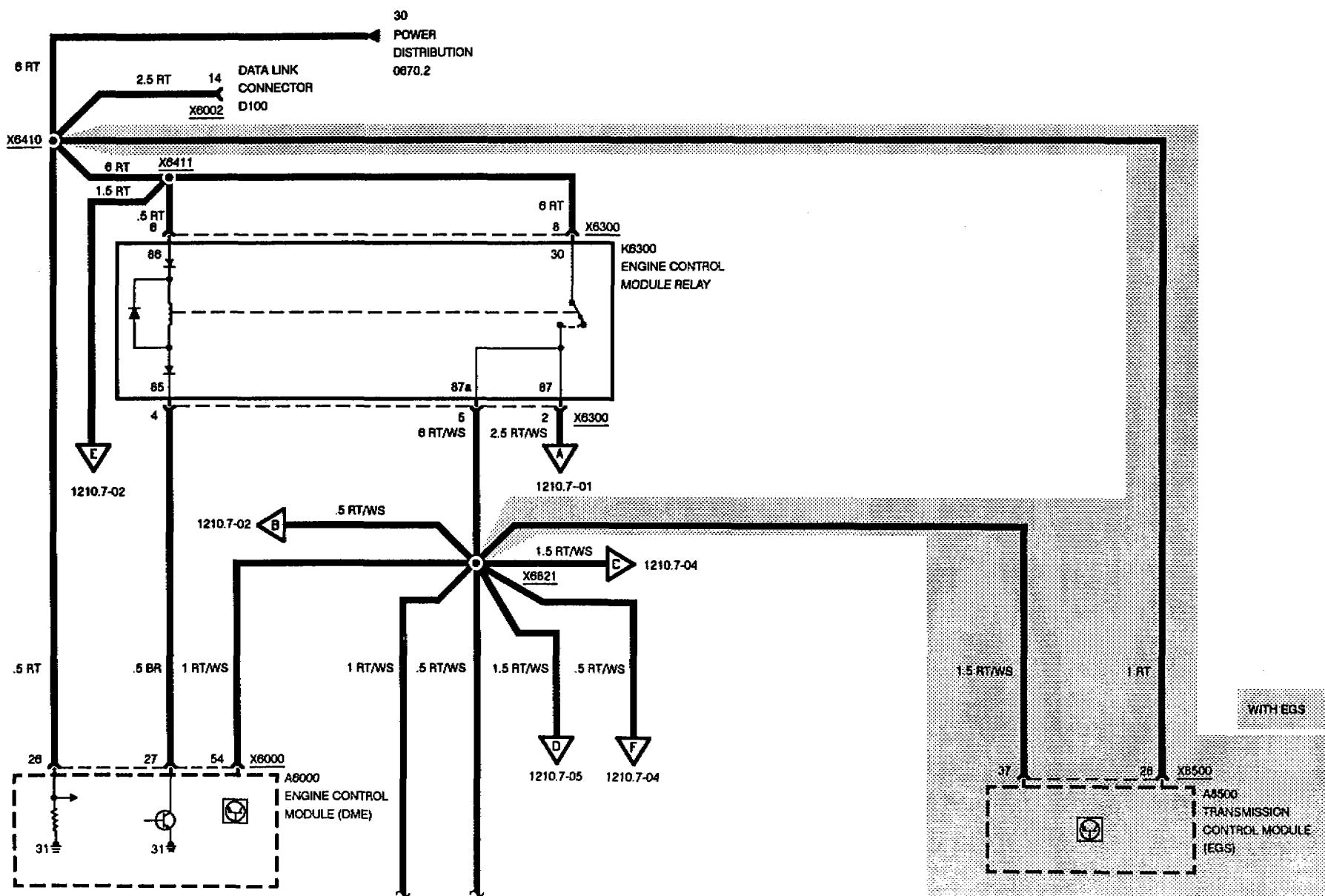
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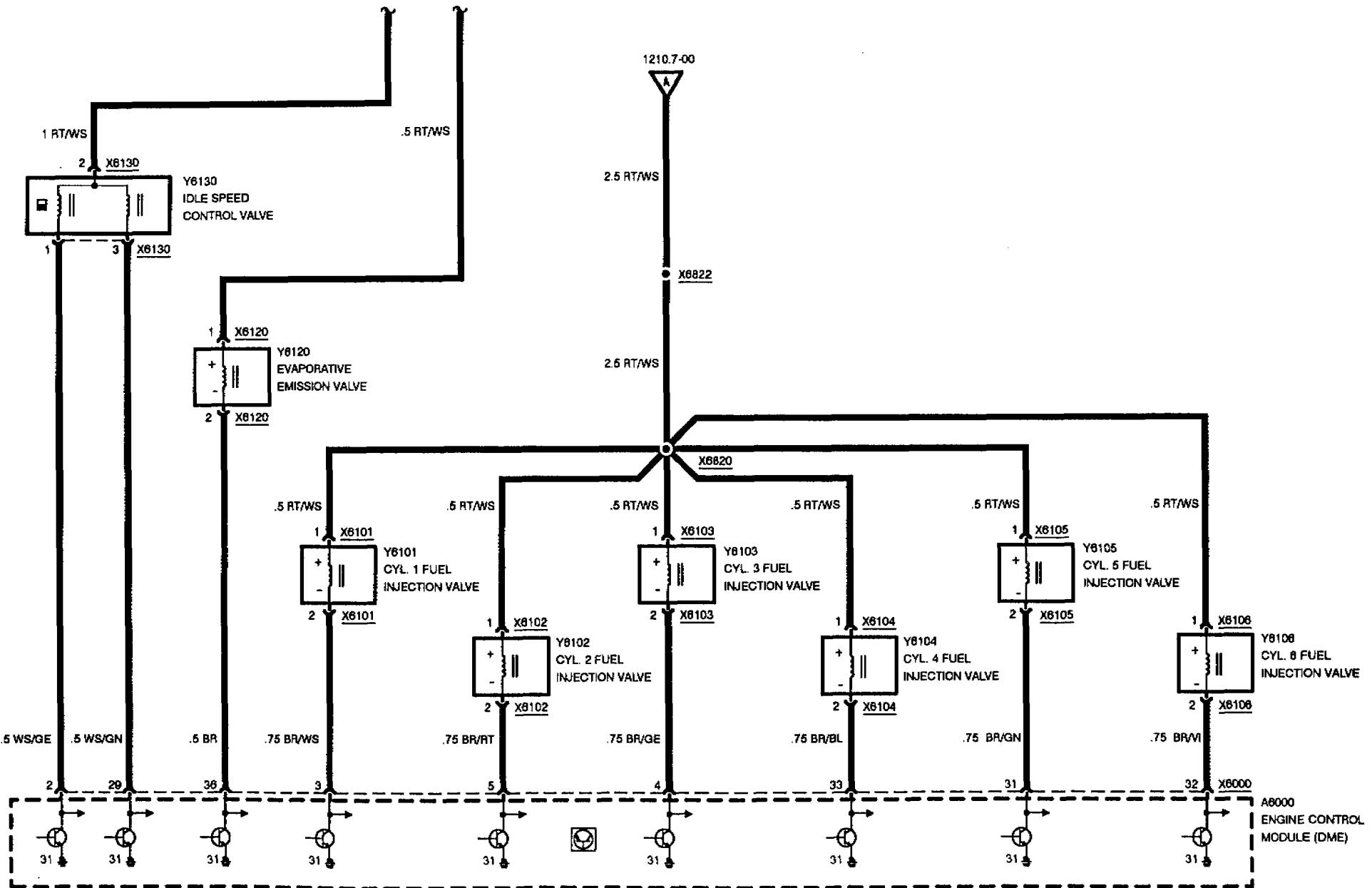
1210.7 —



ENGINE CONTROL SYSTEM (DME M3.1, 6-CYLINDER M50)

POWER, FUEL INJECTION VALVES







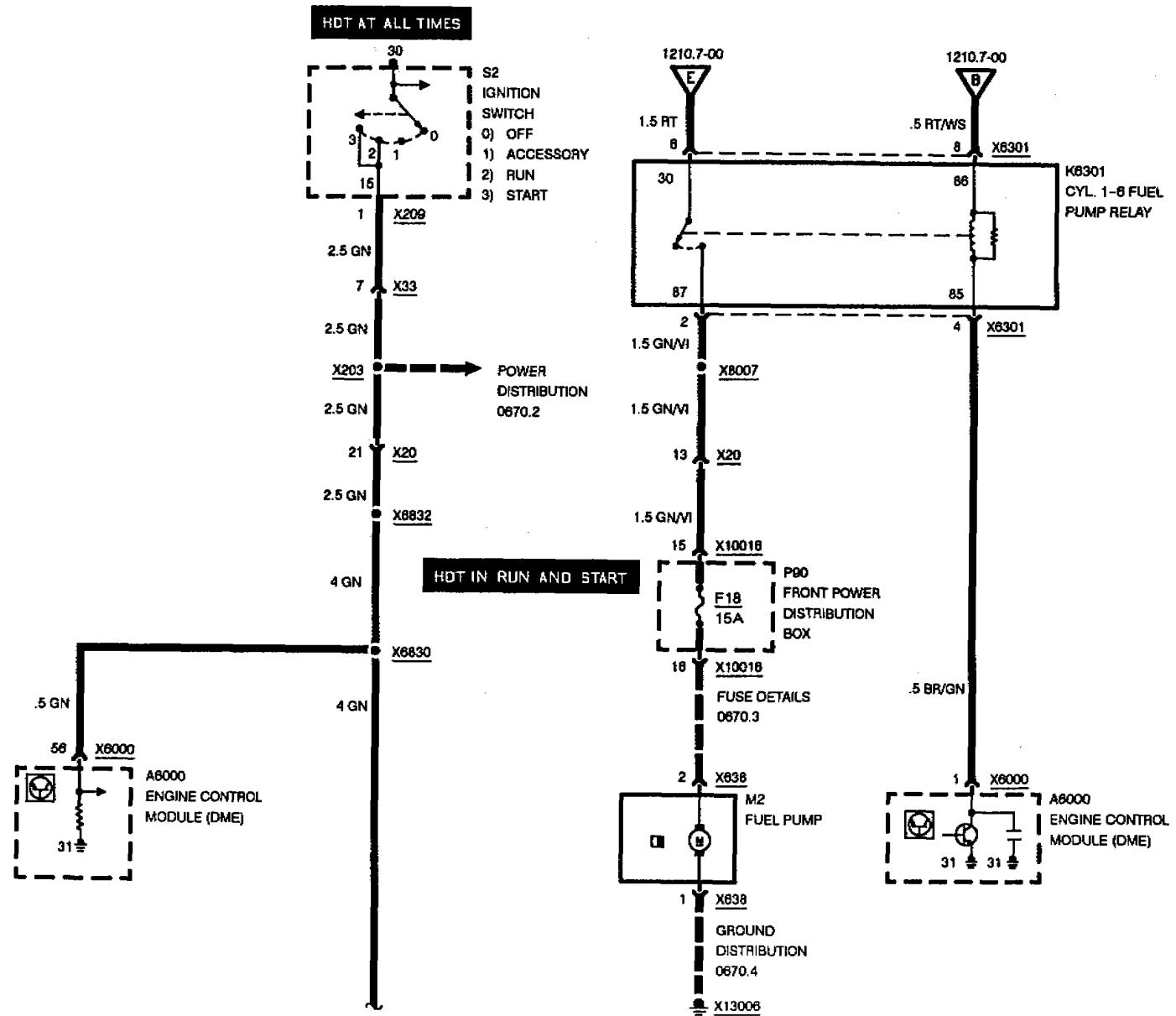
ENGINE CONTROL SYSTEM (DME M3.1, 6-CYLINDER M50)

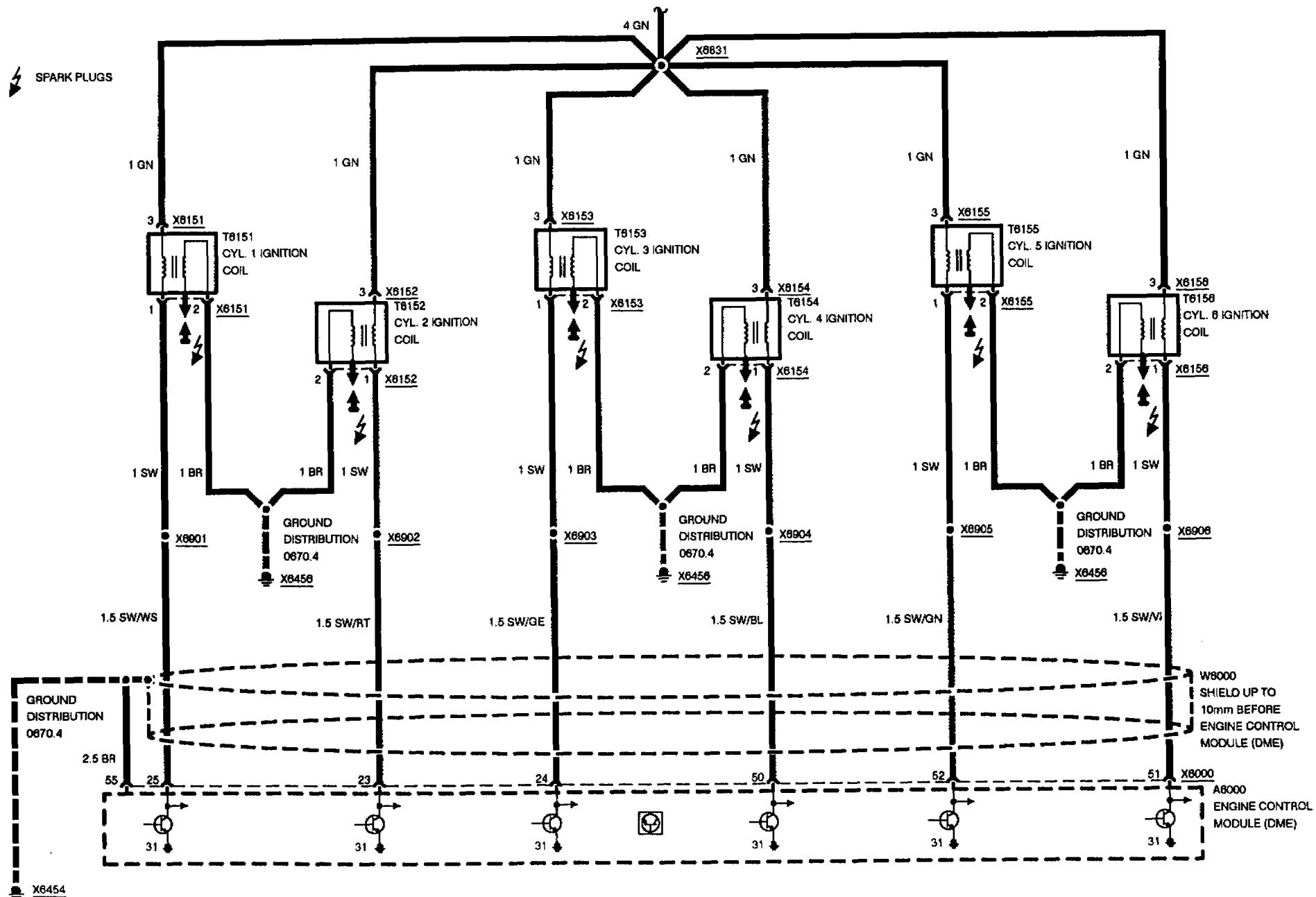
FUEL PUMP, IGNITION COILS

11/92

1210.7-02

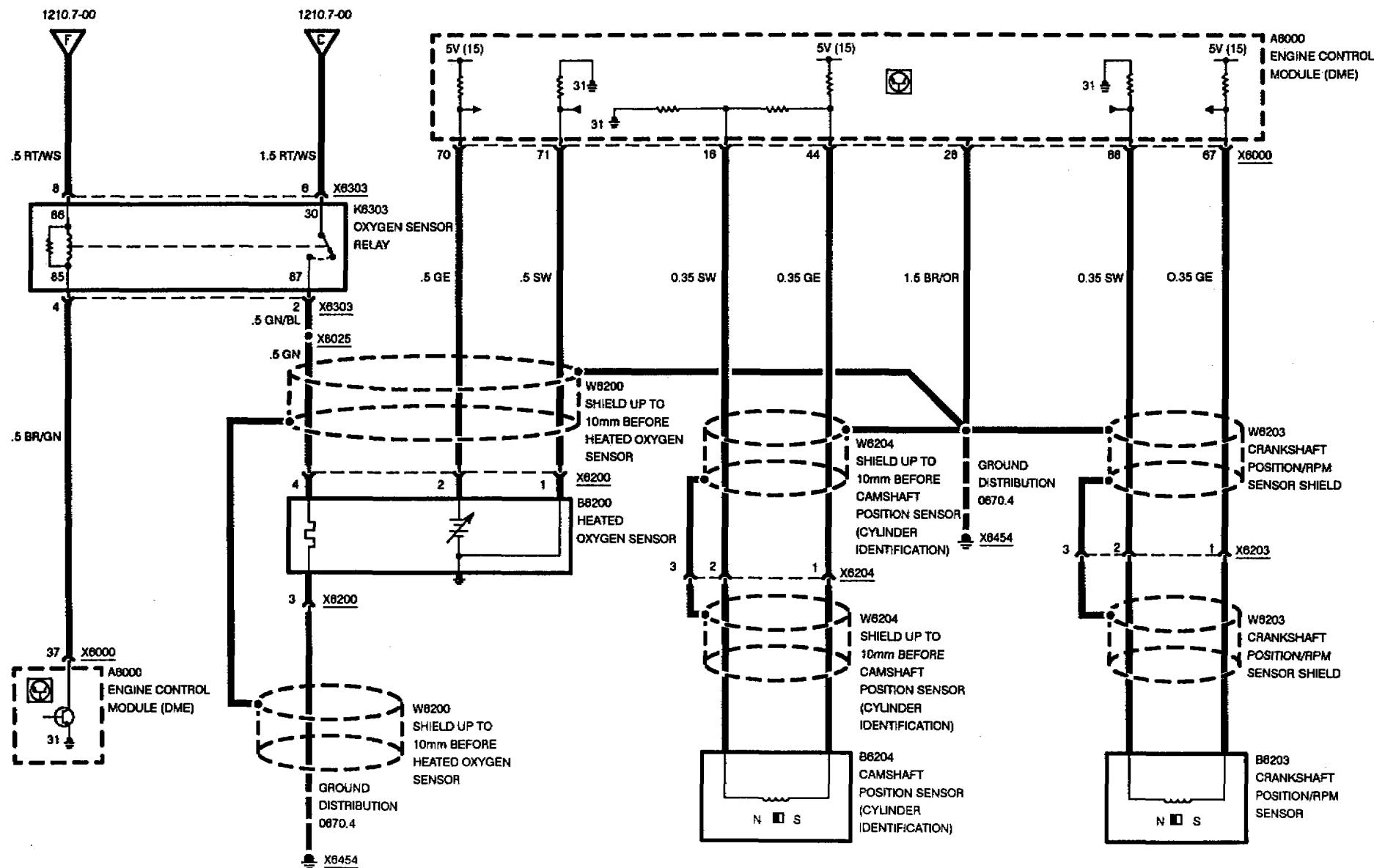
1992



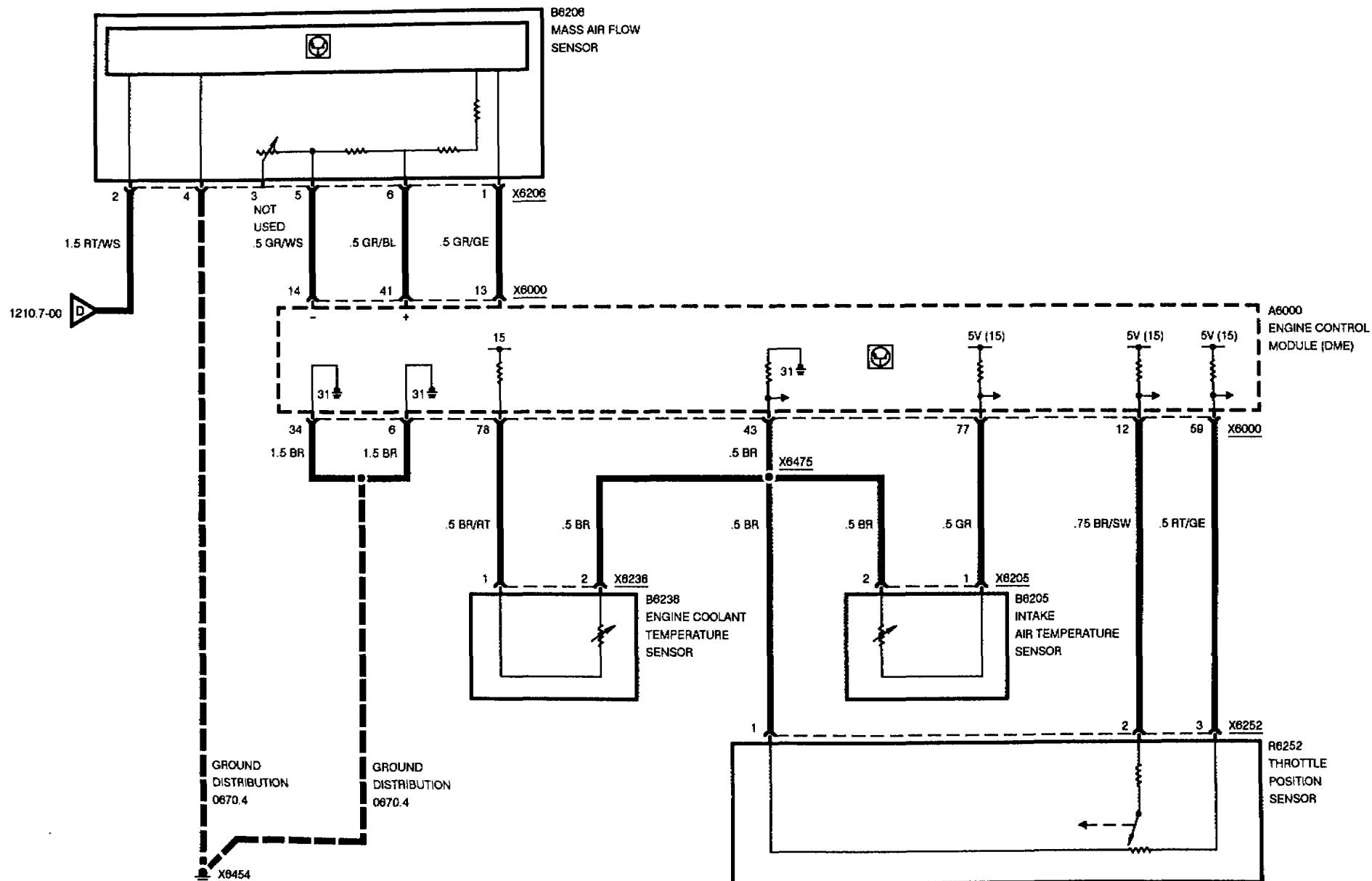


ENGINE CONTROL SYSTEM (DME M3.1, 6-CYLINDER M50)

HEATED OXYGEN SENSOR, CRANKSHAFT SENSORS



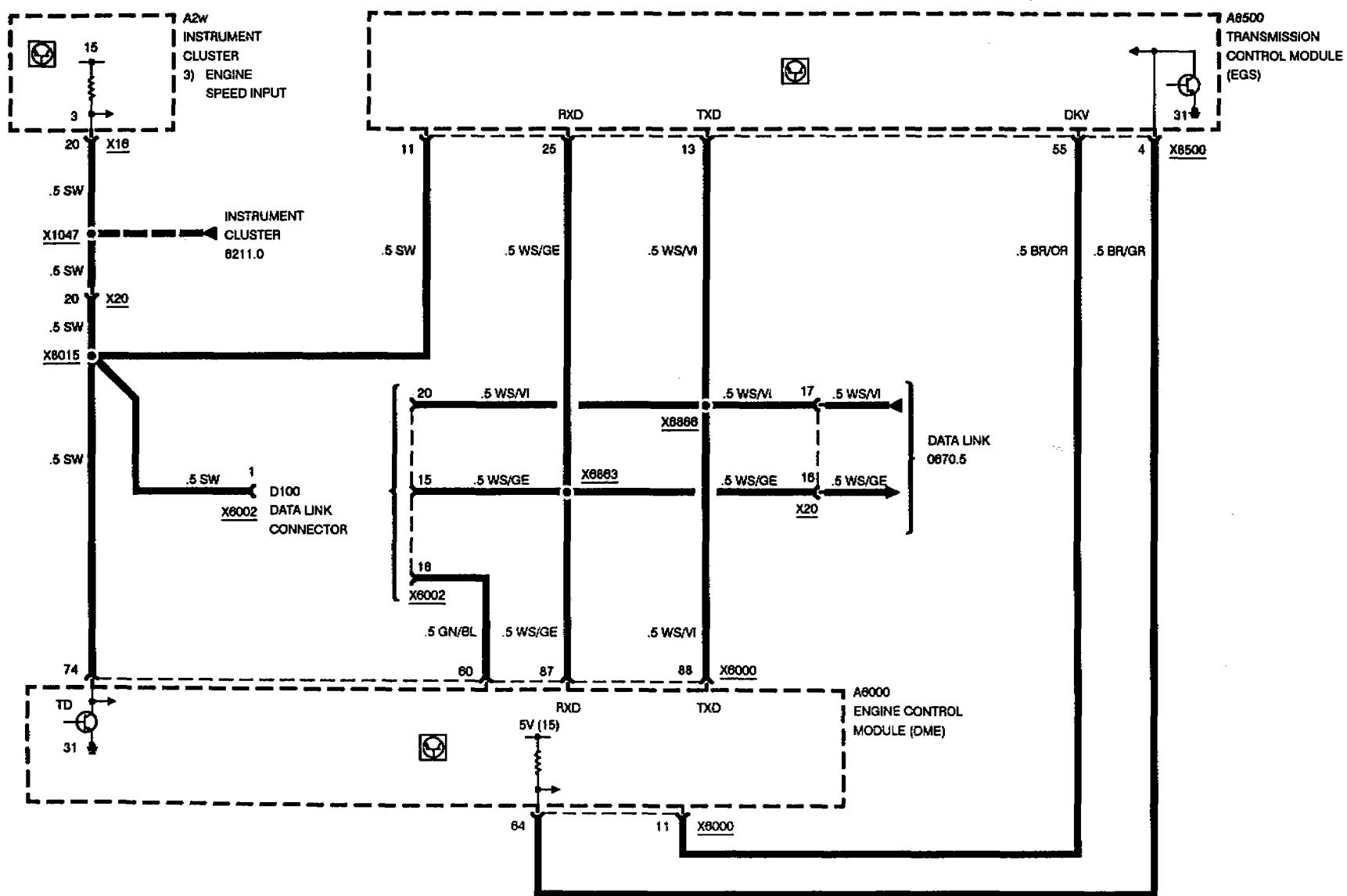
ENGINE CONTROL SYSTEM (DME M3.1, 6-CYLINDER M50)



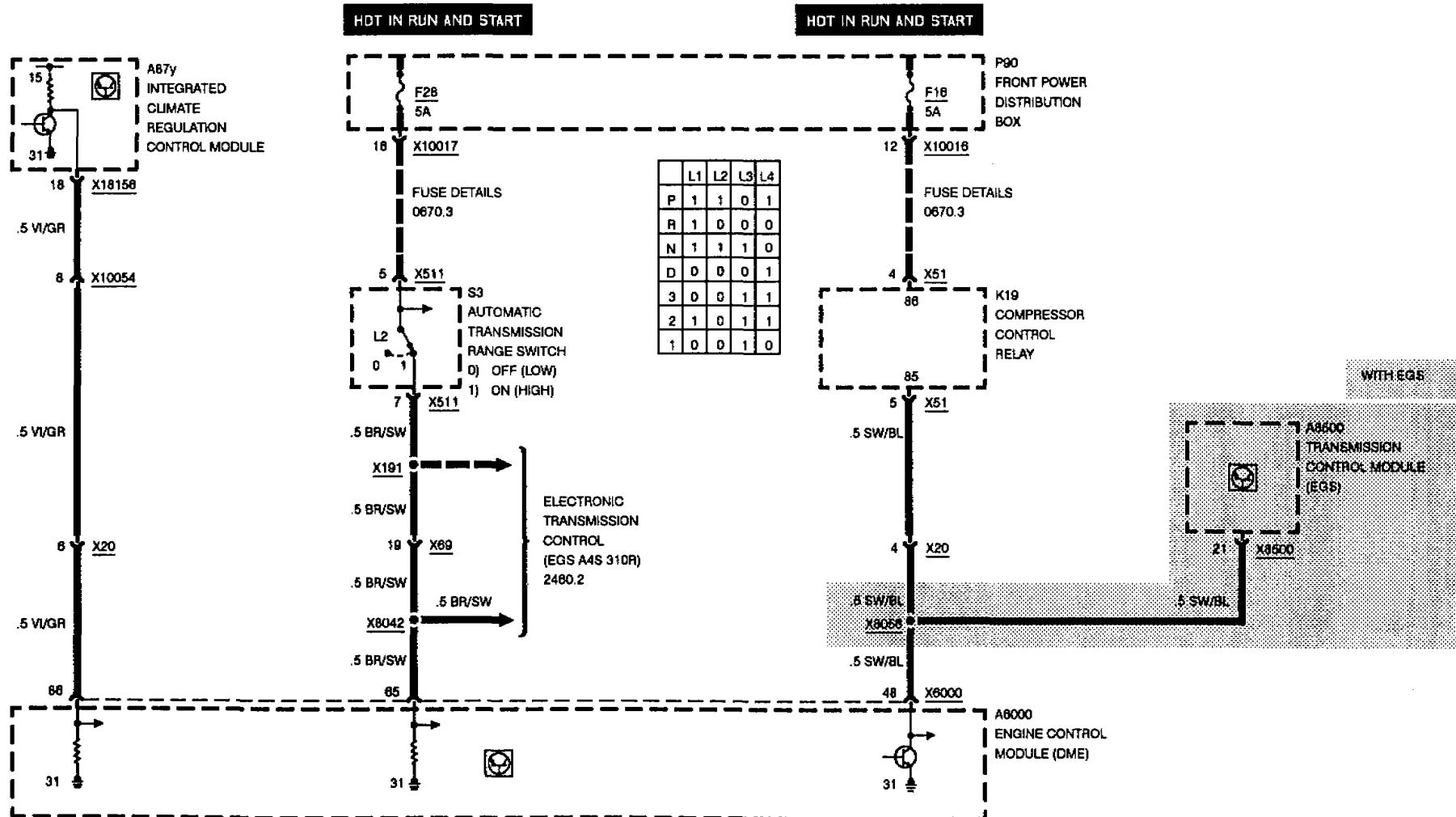


ENGINE CONTROL SYSTEM (DME M3.1, 6-CYLINDER M50)

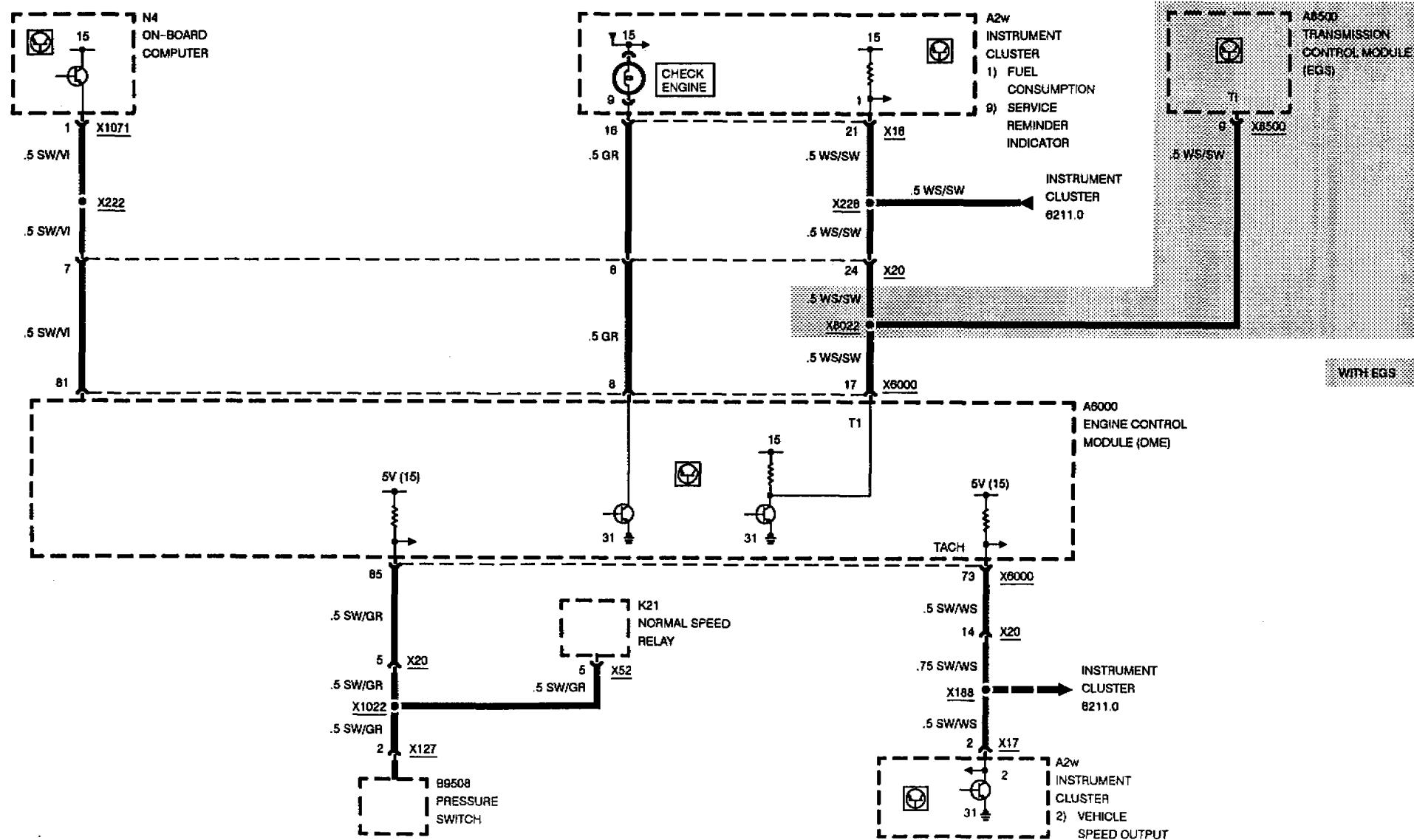
DATA LINK



ENGINE CONTROL SYSTEM (DME M3.1, 6-CYLINDER M50)



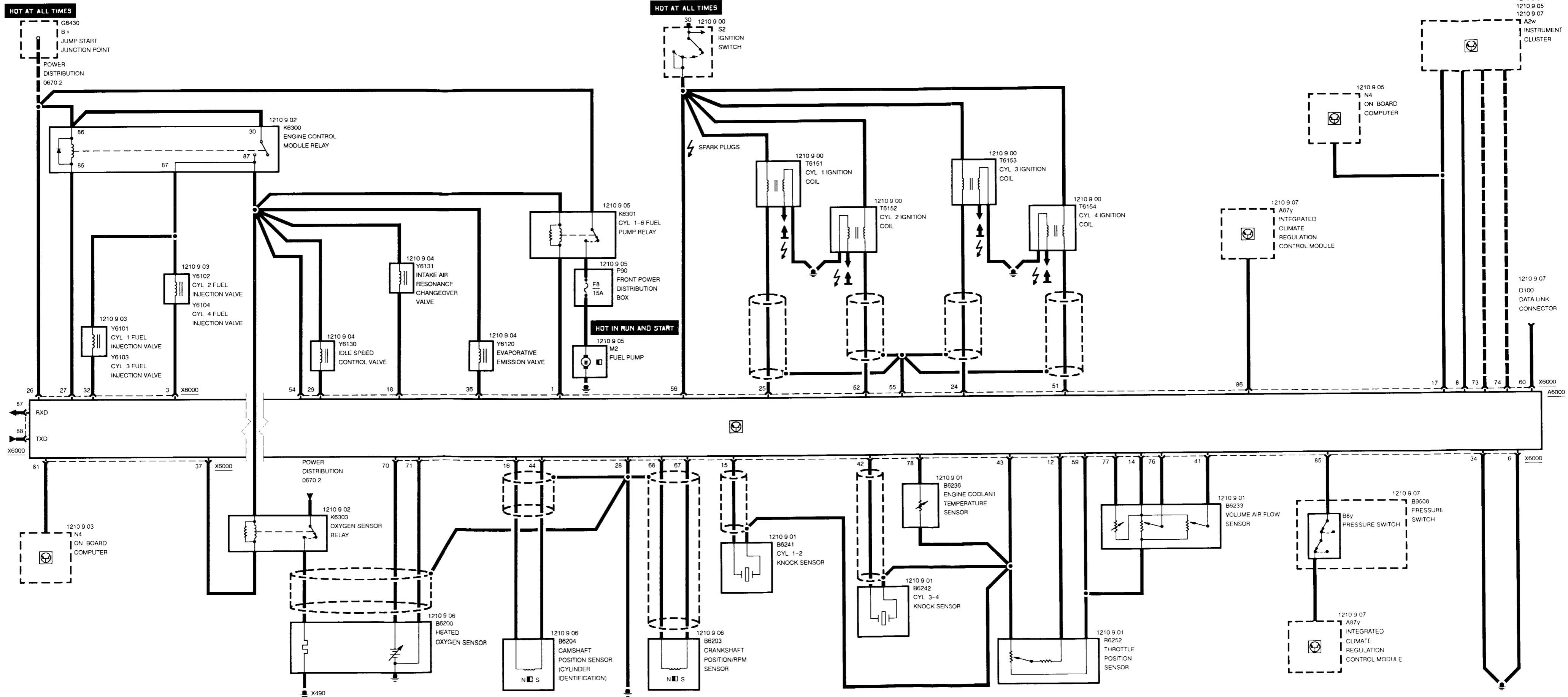
ENGINE CONTROL SYSTEM (DME M3.1, 6-CYLINDER M50)



11/92 — 1210 9 — 1992

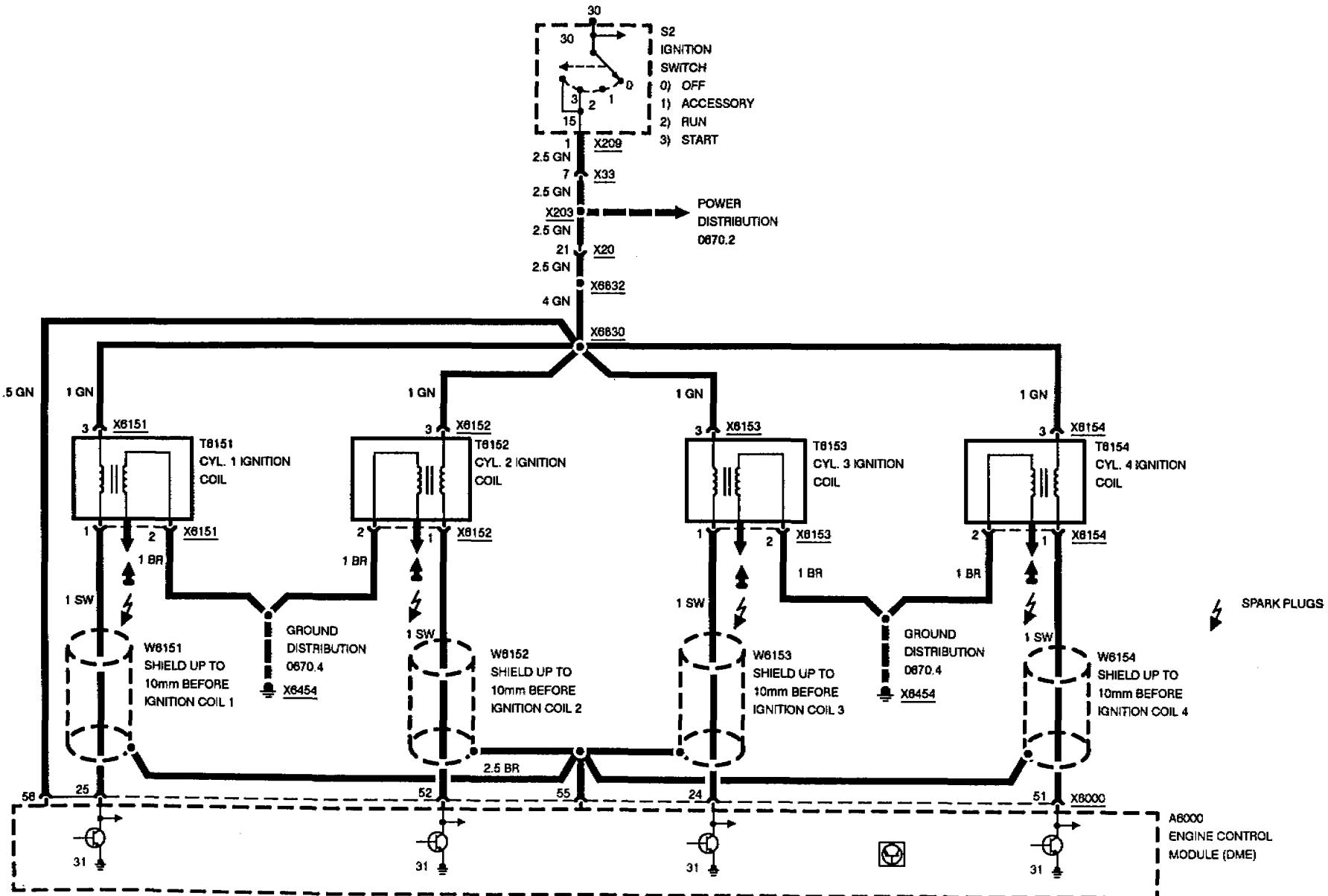
11/92 — 1210 9 — 1992

11/92 — 1210 9 — 1992

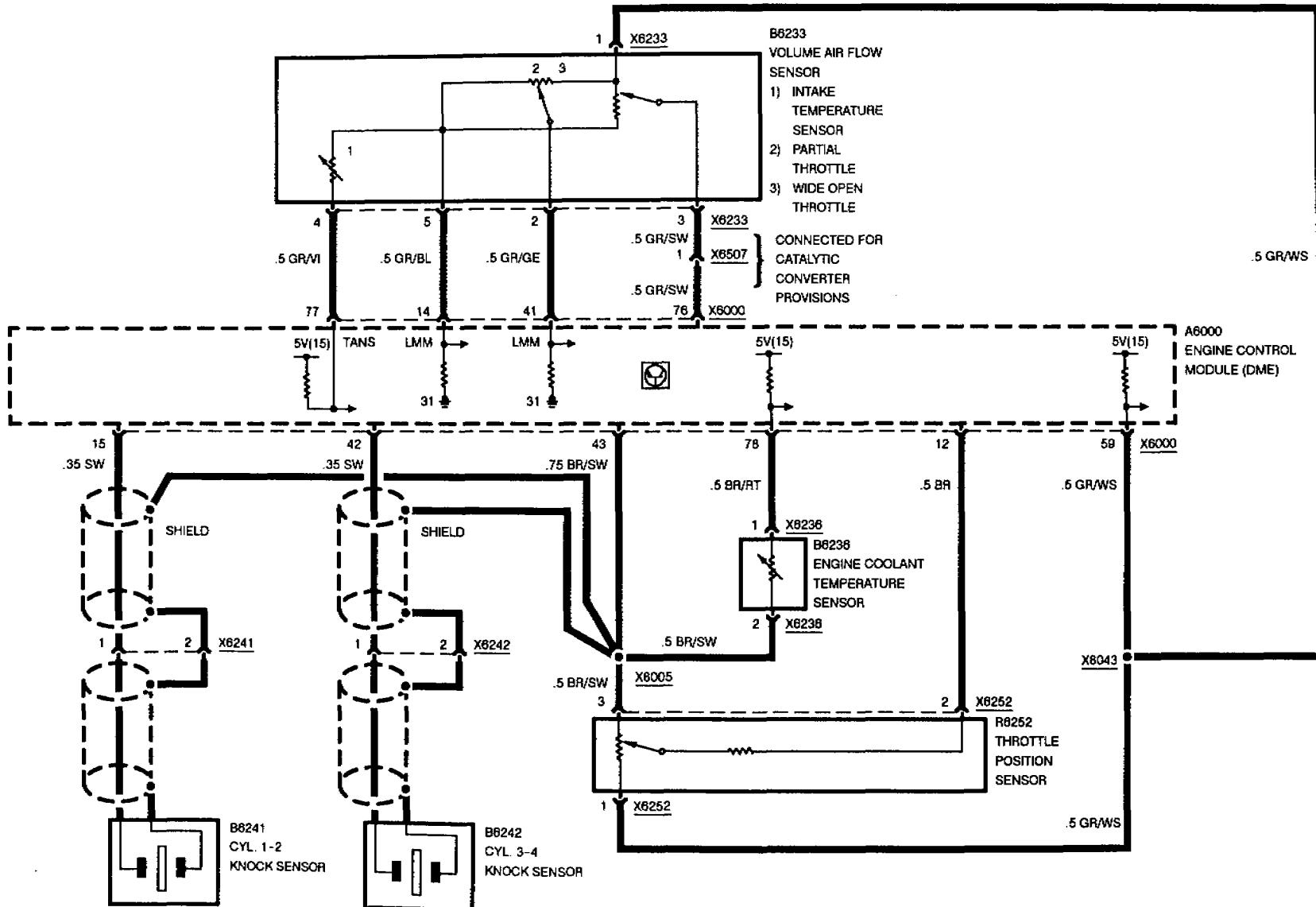




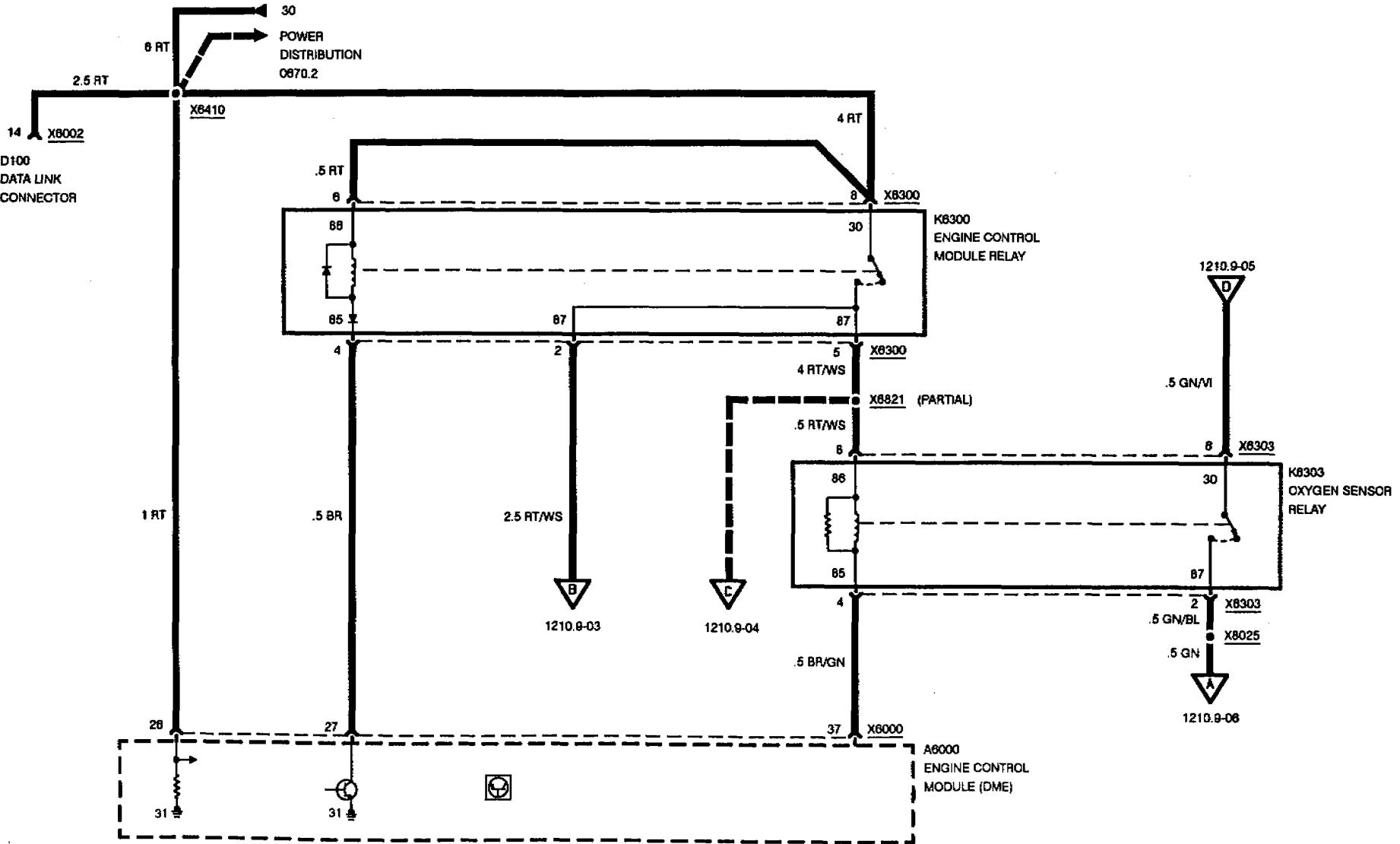
ENGINE CONTROL SYSTEM (DME M1.7, 4-CYLINDER M42)



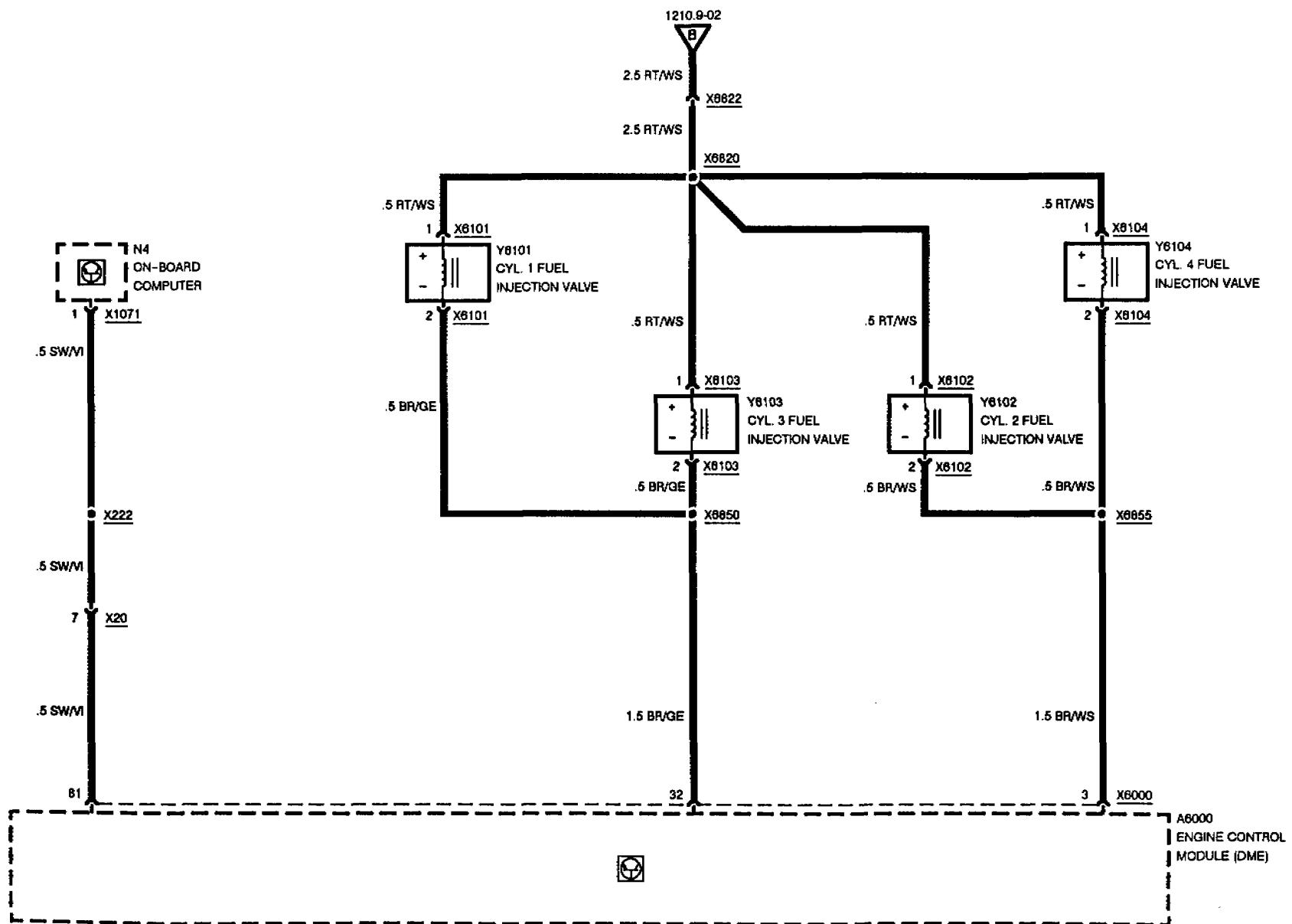
ENGINE CONTROL SYSTEM (DME M1.7, 4-CYLINDER M42)



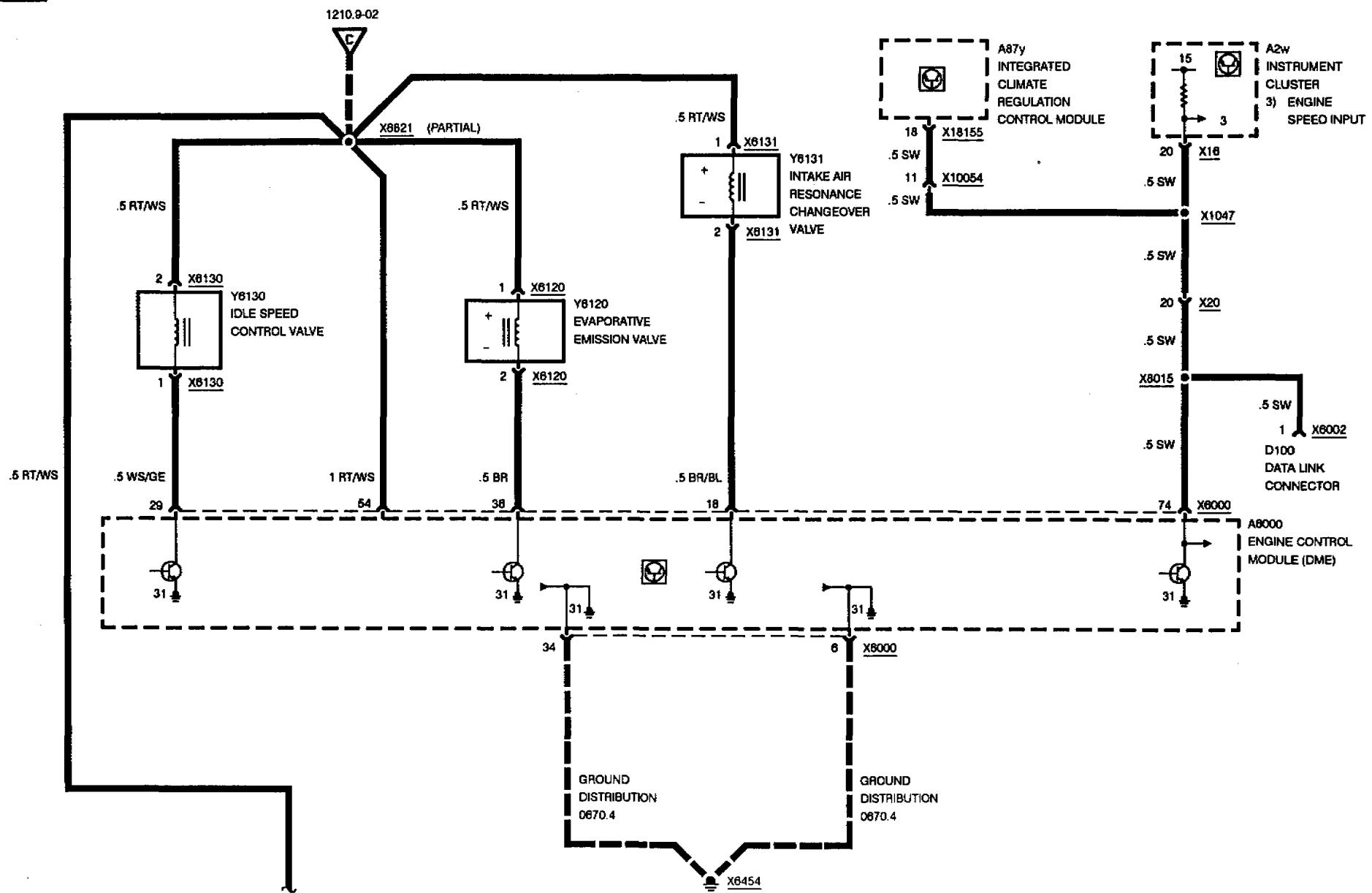
ENGINE CONTROL SYSTEM (DME M1.7, 4-CYLINDER M42)

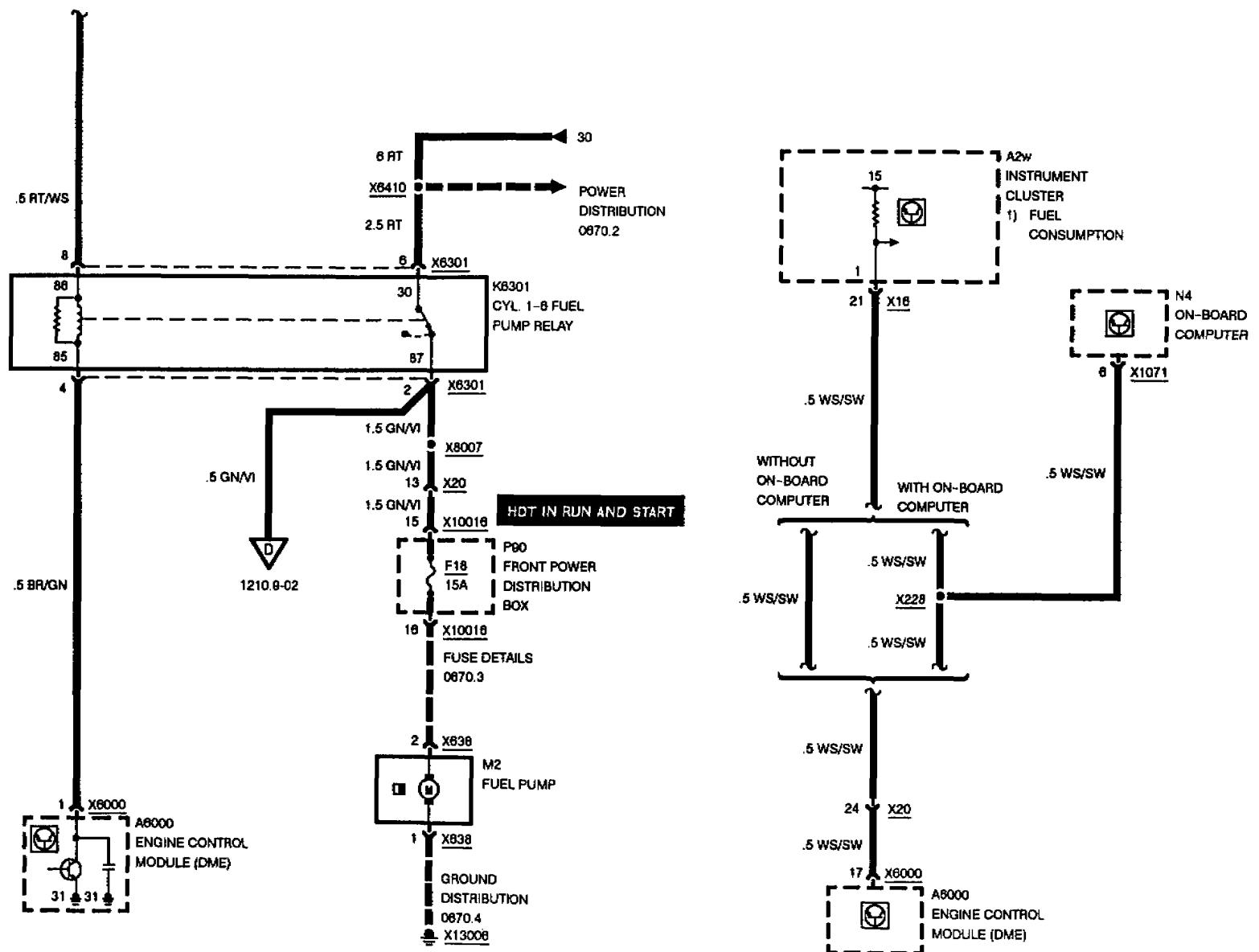


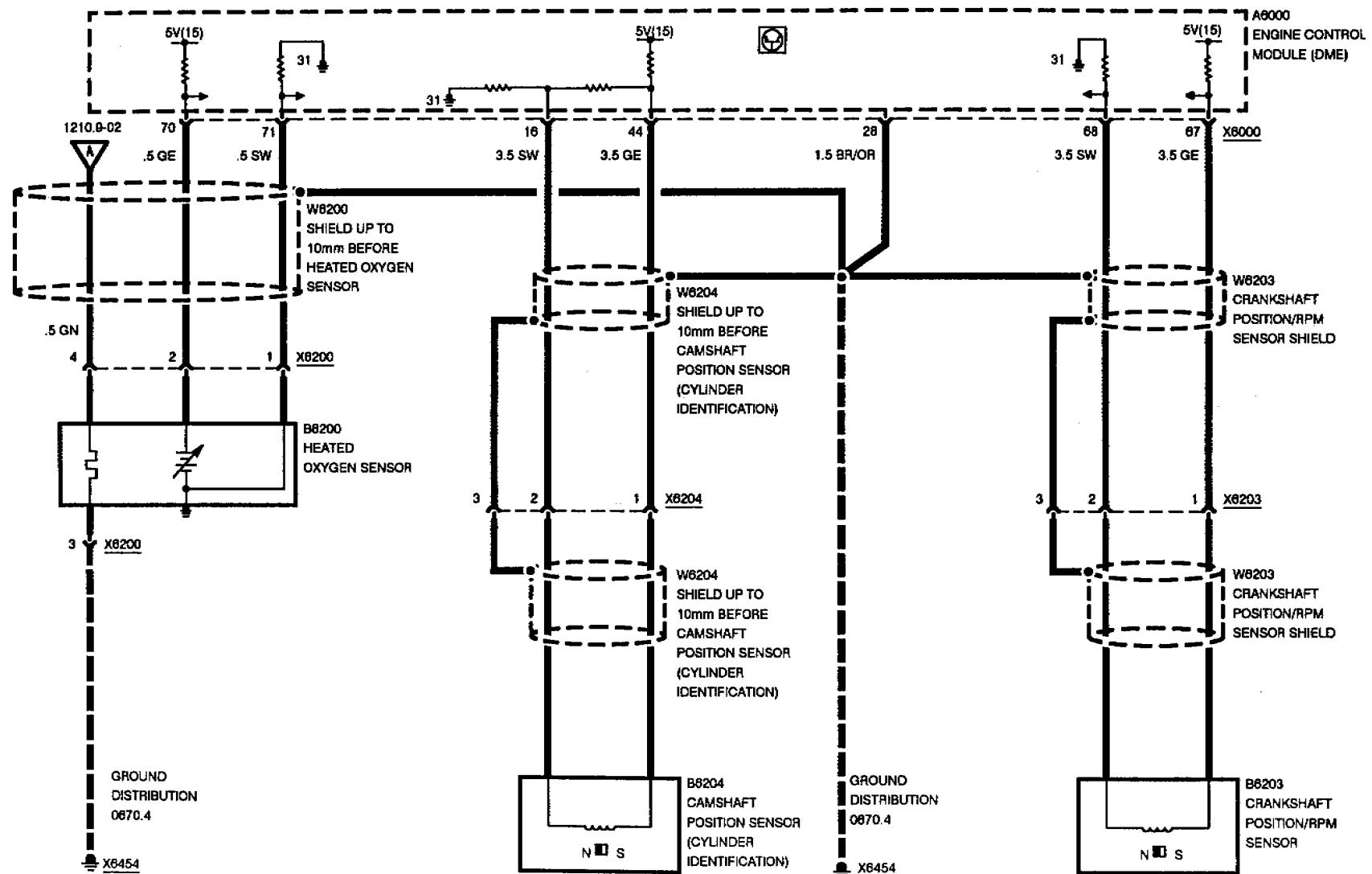
ENGINE CONTROL SYSTEM (DME M1.7, 4-CYLINDER M42)



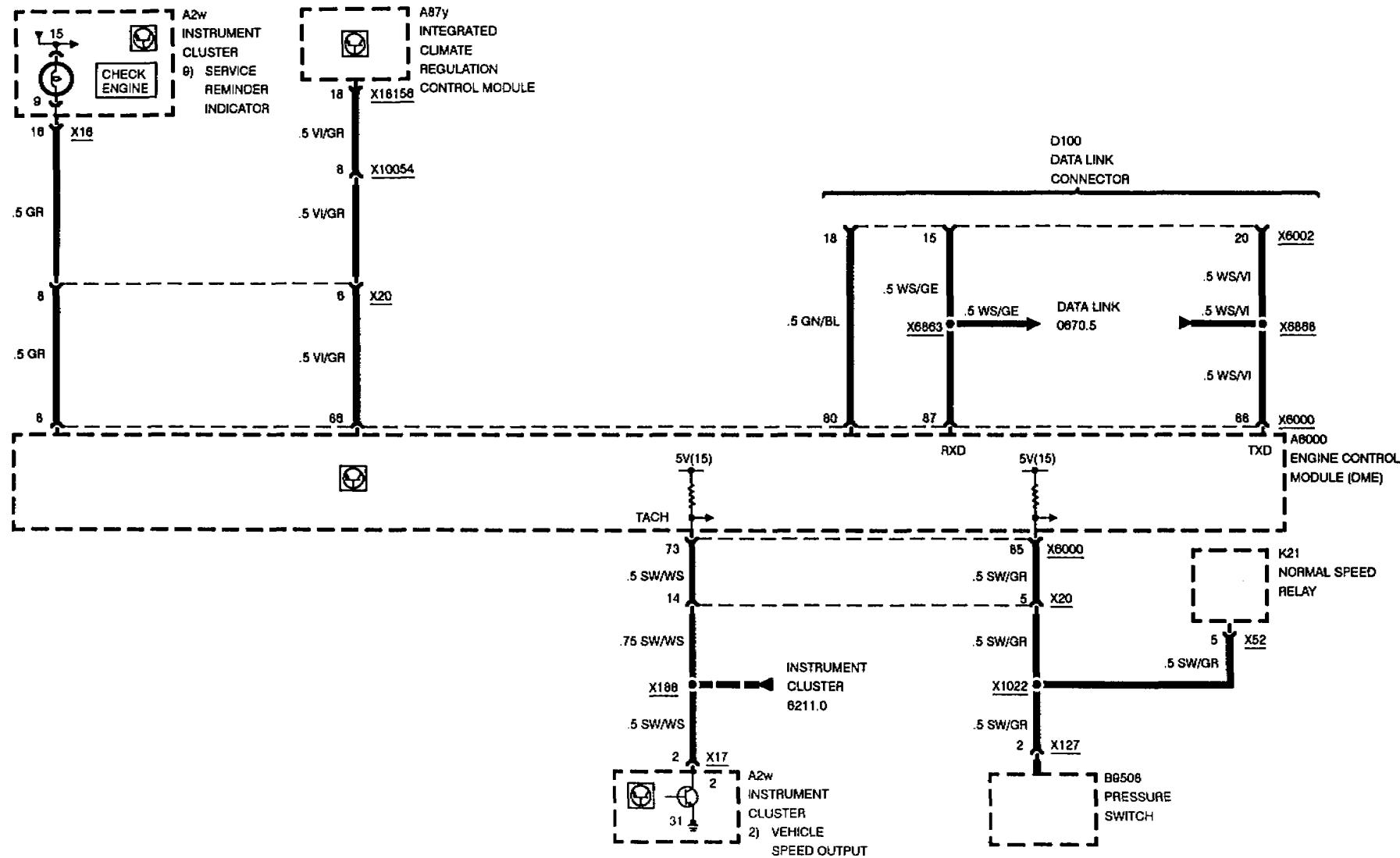
ENGINE CONTROL SYSTEM (DME M1.7, 4-CYLINDER M42)







ENGINE CONTROL SYSTEM (DME M1.7, 4-CYLINDER M42)



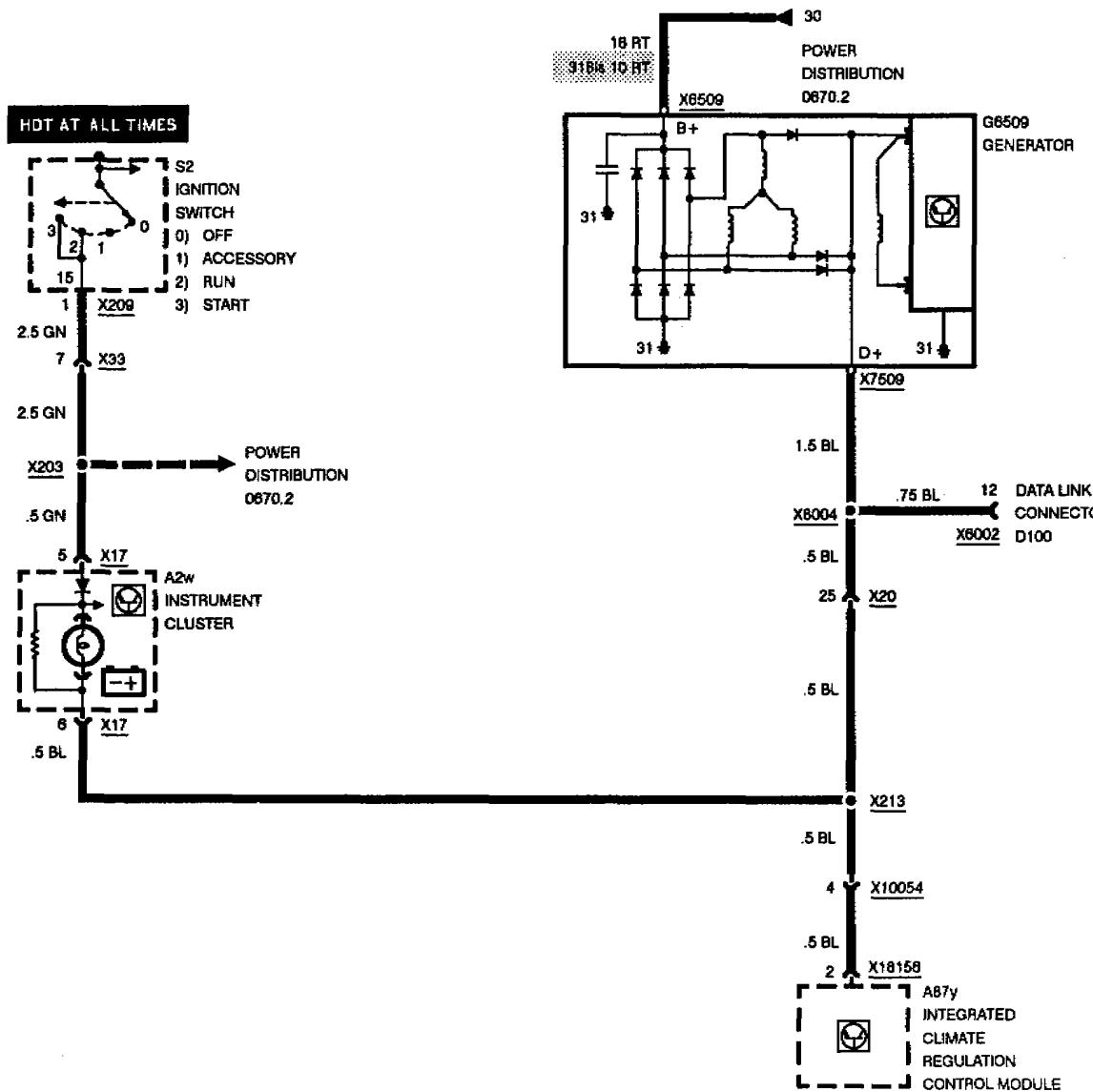


CHARGING SYSTEM

11/92

1230.0-00

1992



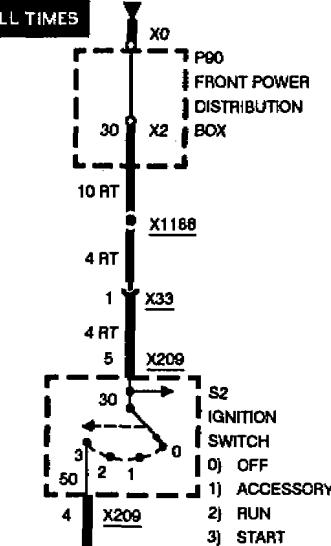


—

1240.0

POWER
DISTRIBUTION
0670.2

HDT AT ALL TIMES

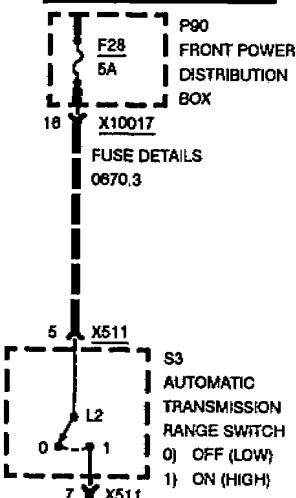


2.5 SW/GE

X33

2.5 SW/GE

HDT IN RUN AND START

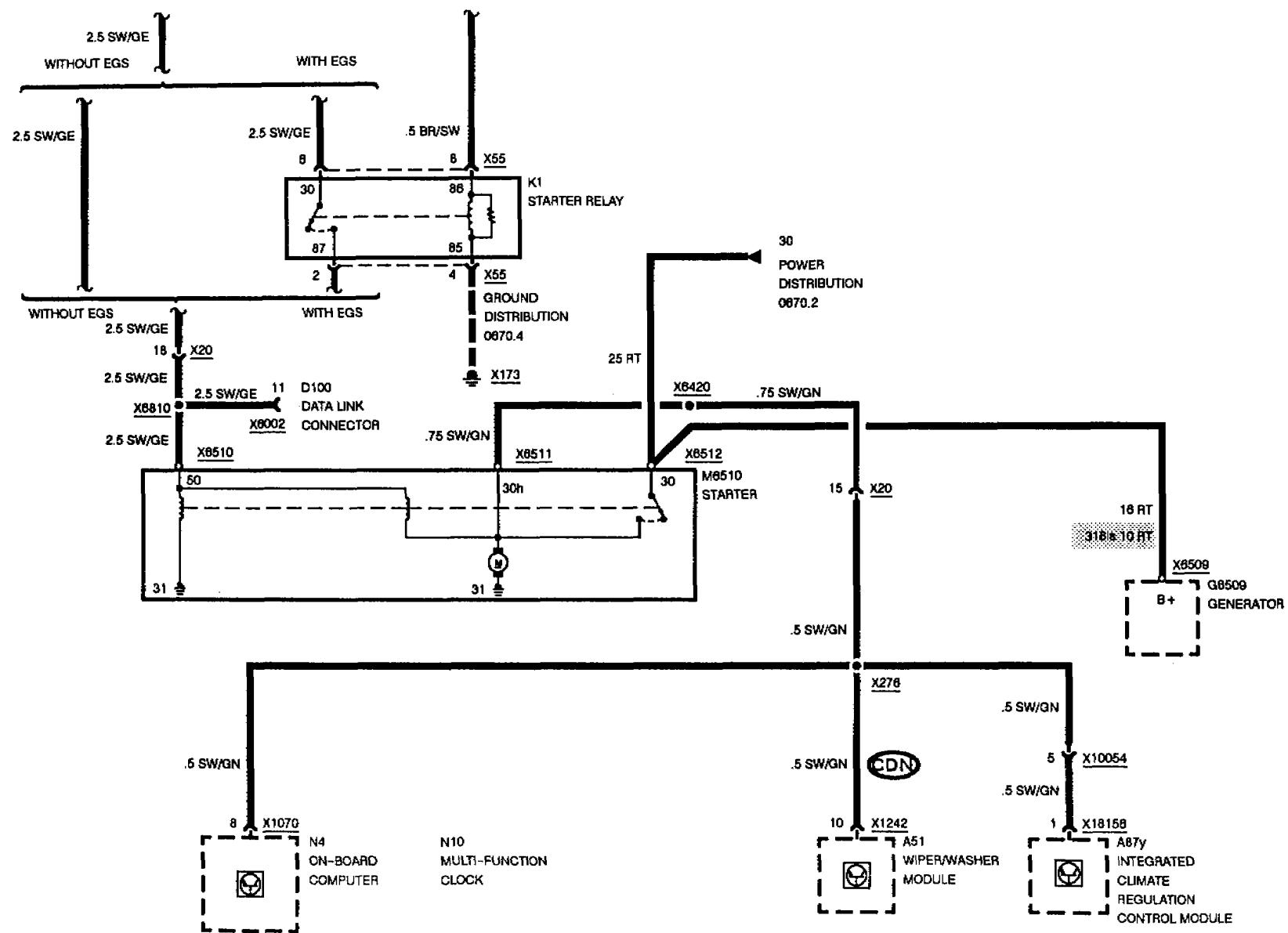


.5 BR/SW WITH EGS

X191 →
ELECTRONIC
TRANSMISSION
CONTROL
(EGS A4S 310R)
2460.2

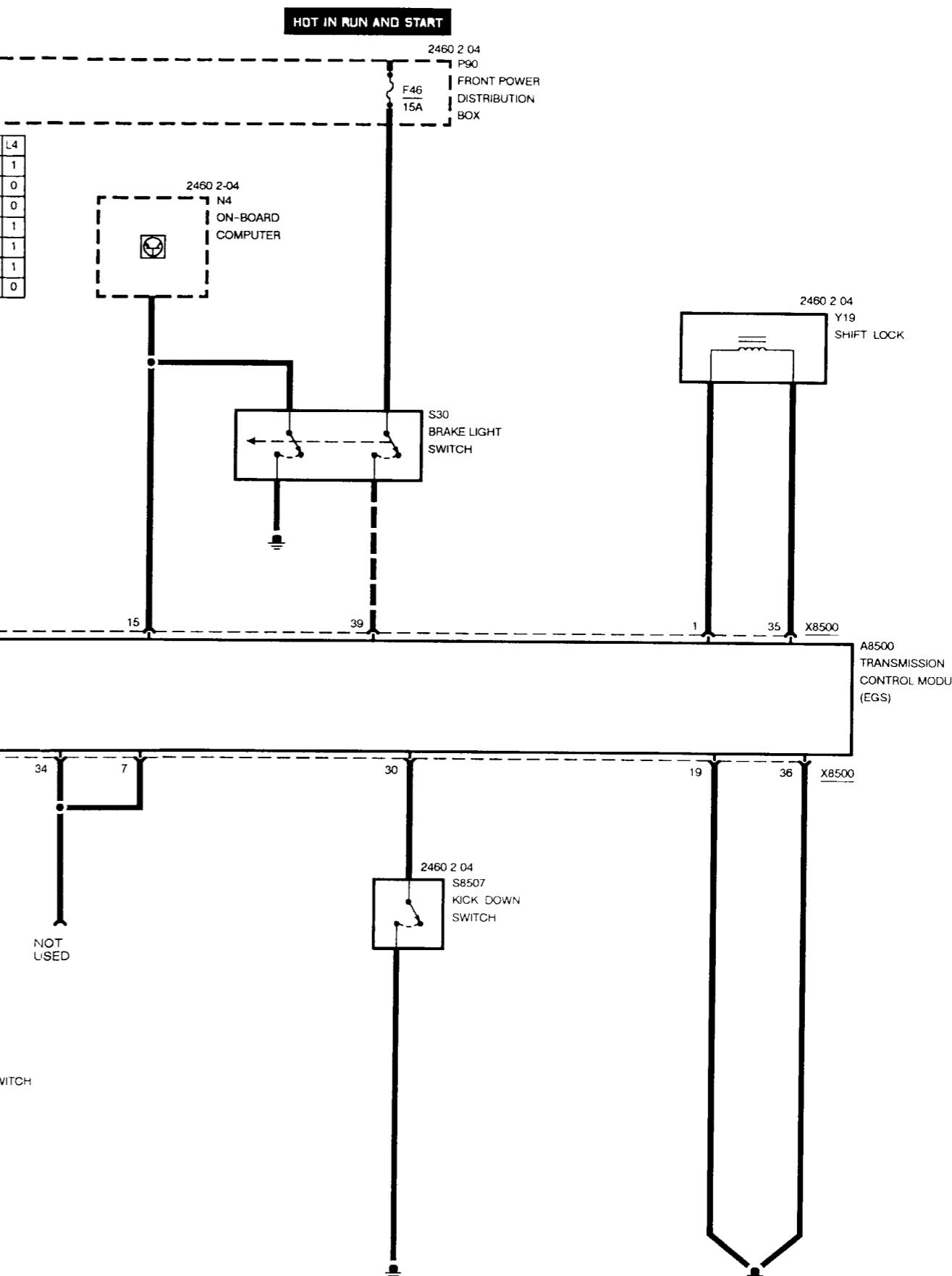
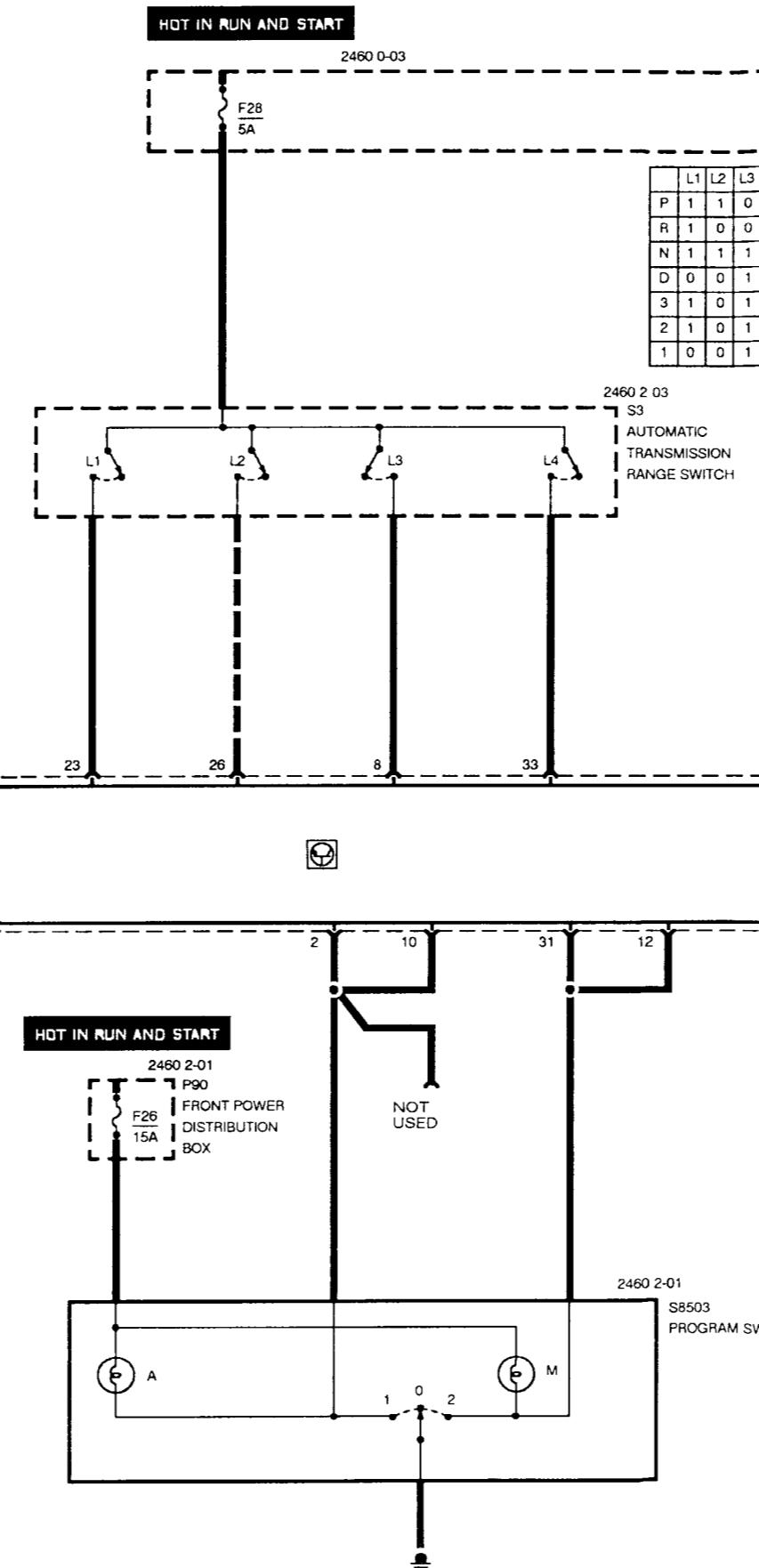
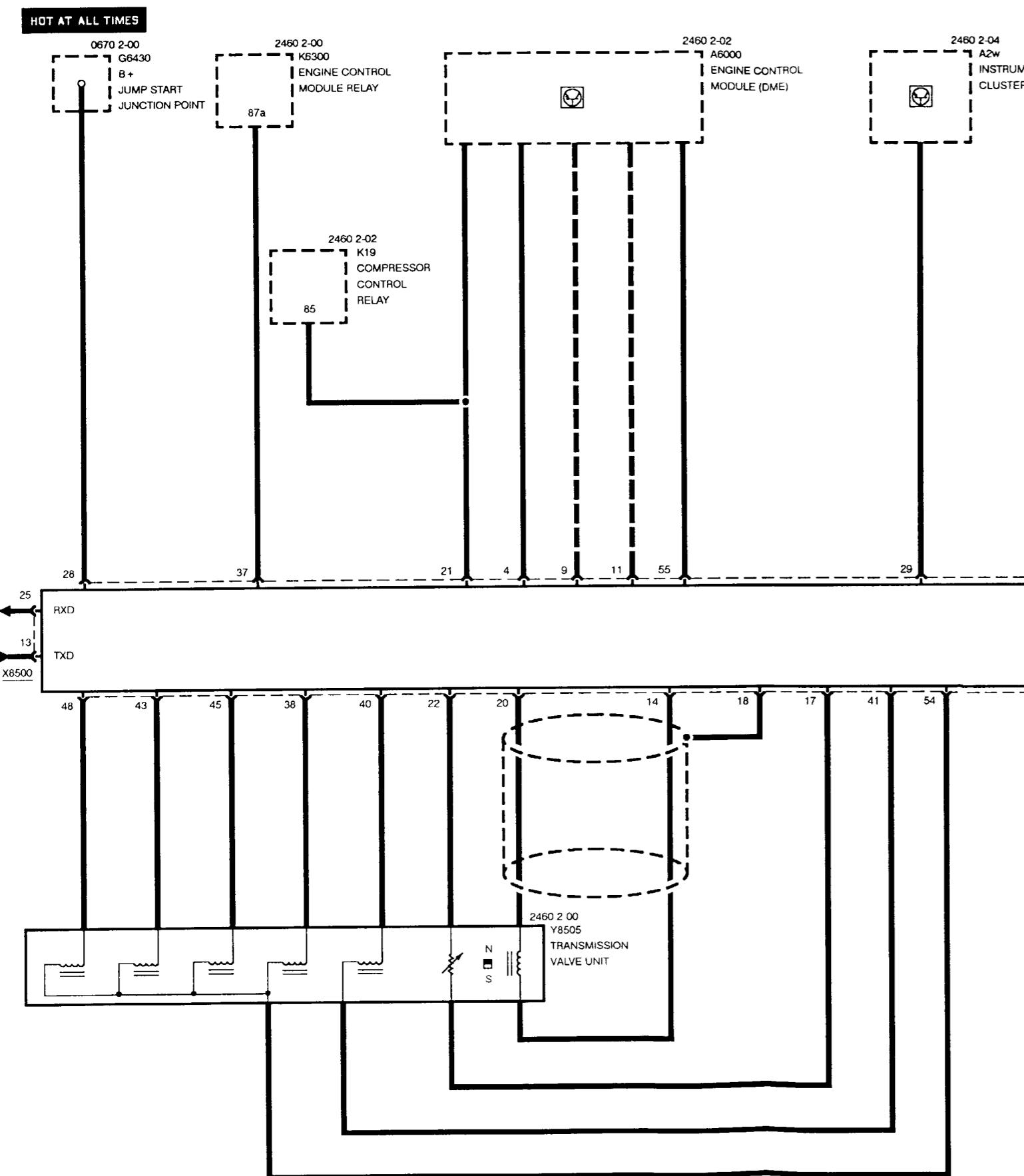
EGS A4S 310R

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



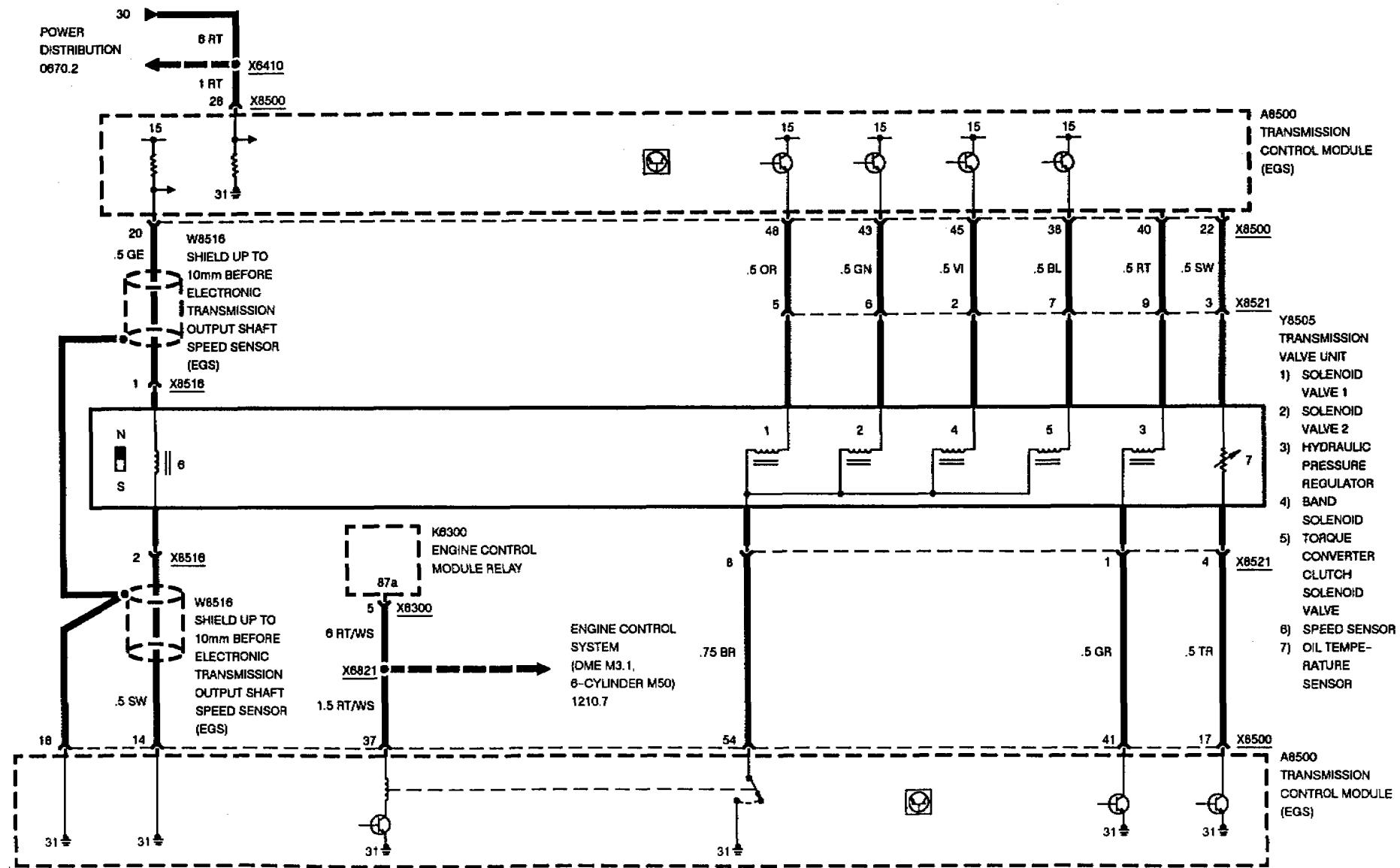


1240.0-02





POWER, VALVE UNIT





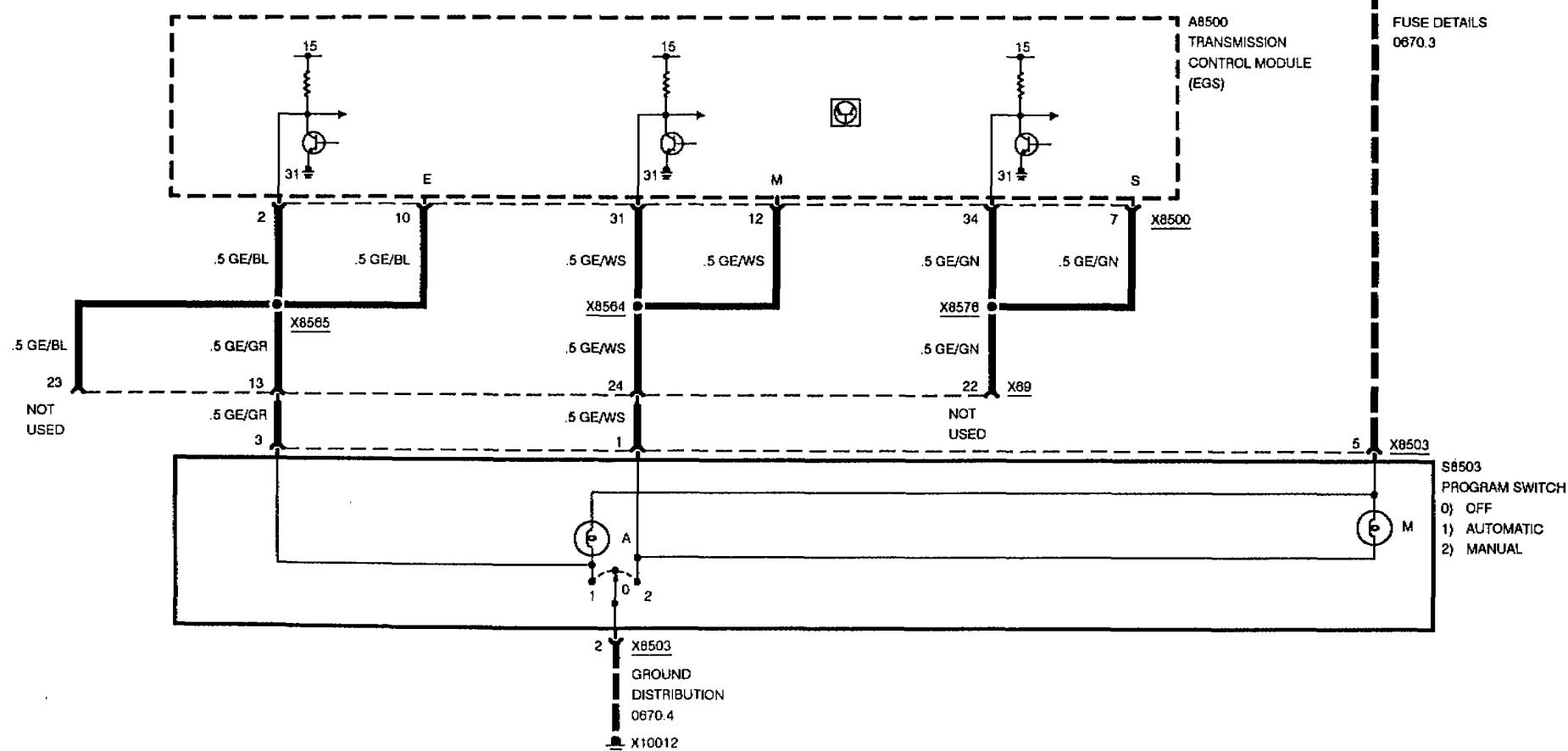
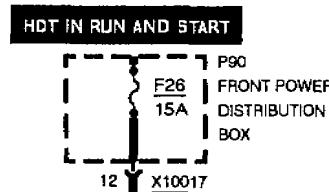
ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

PROGRAM SWITCH

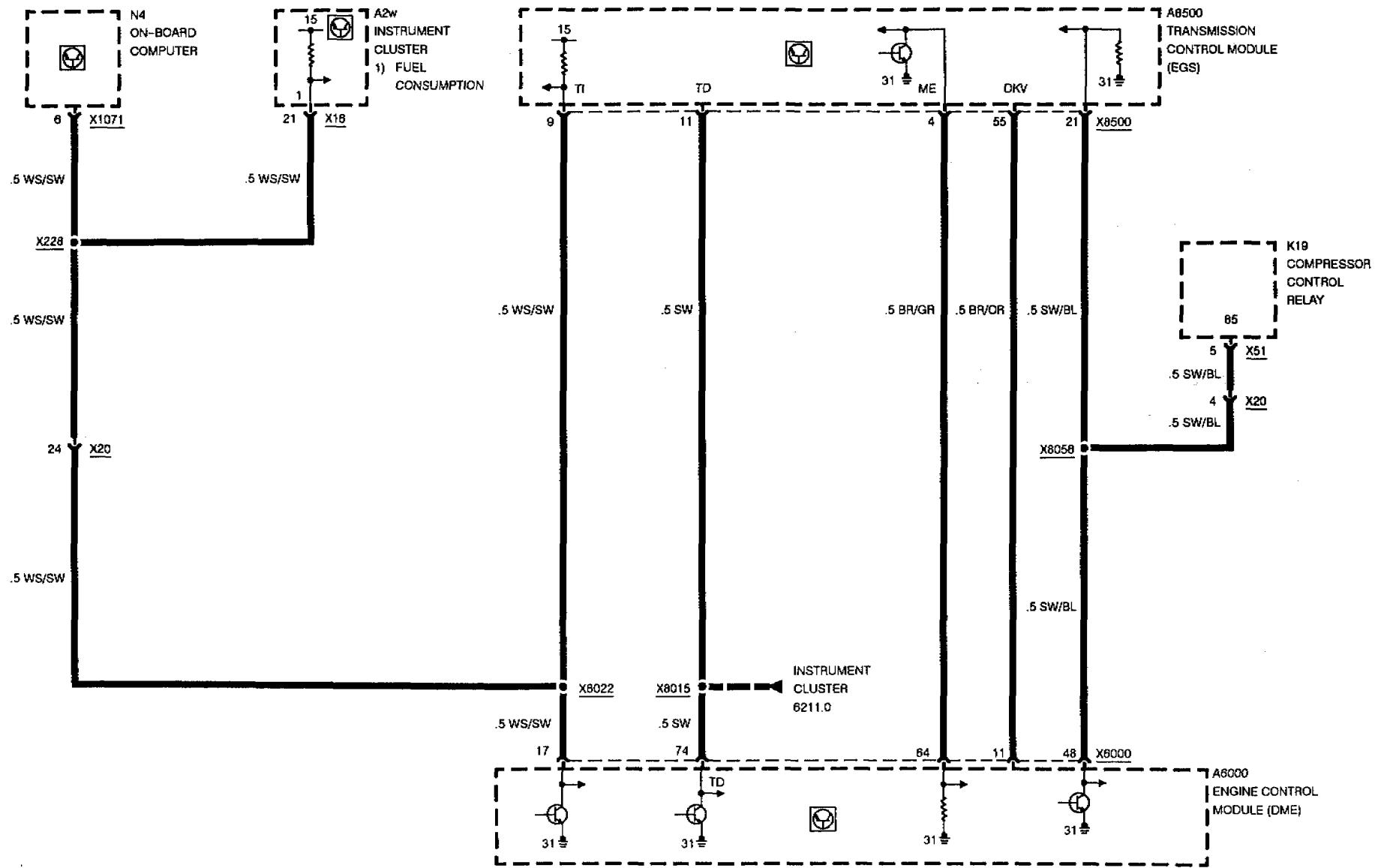
1/192

2460.2-01

1992

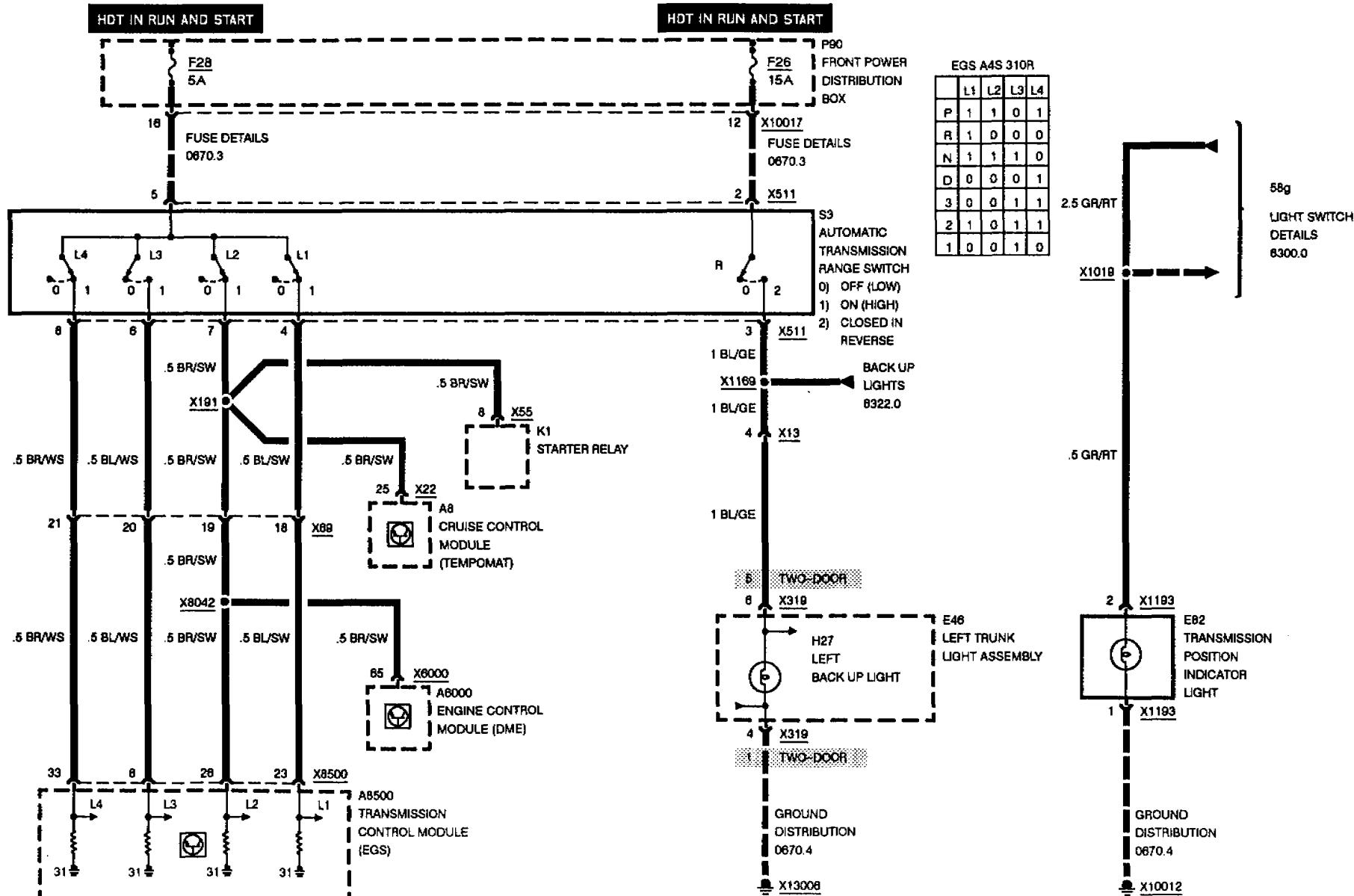


ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)



ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

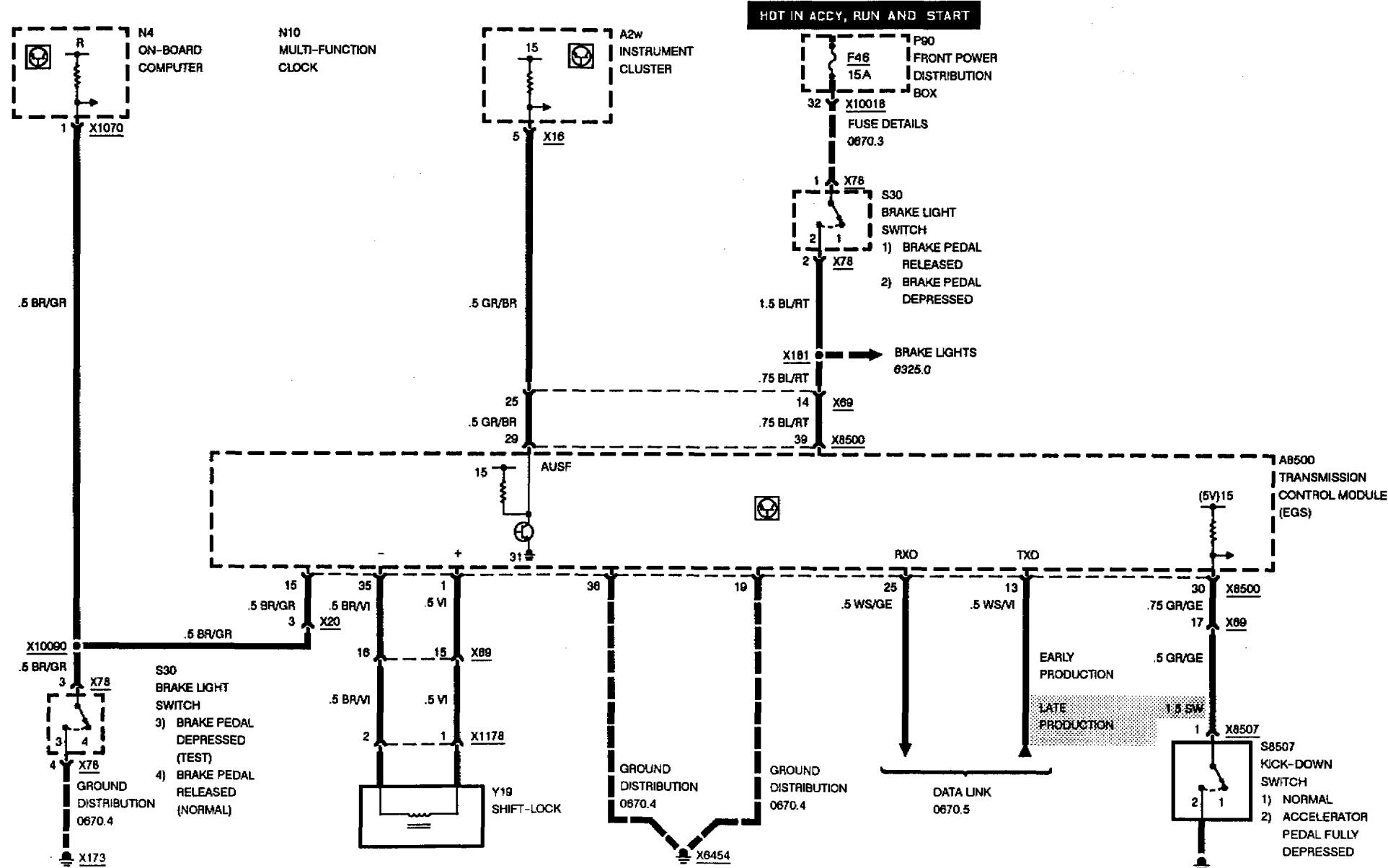
GEAR SELECTOR SWITCH





ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

SHIFT LOCK, DATA LINK, KICK-DOWN SWITCH





3234.0



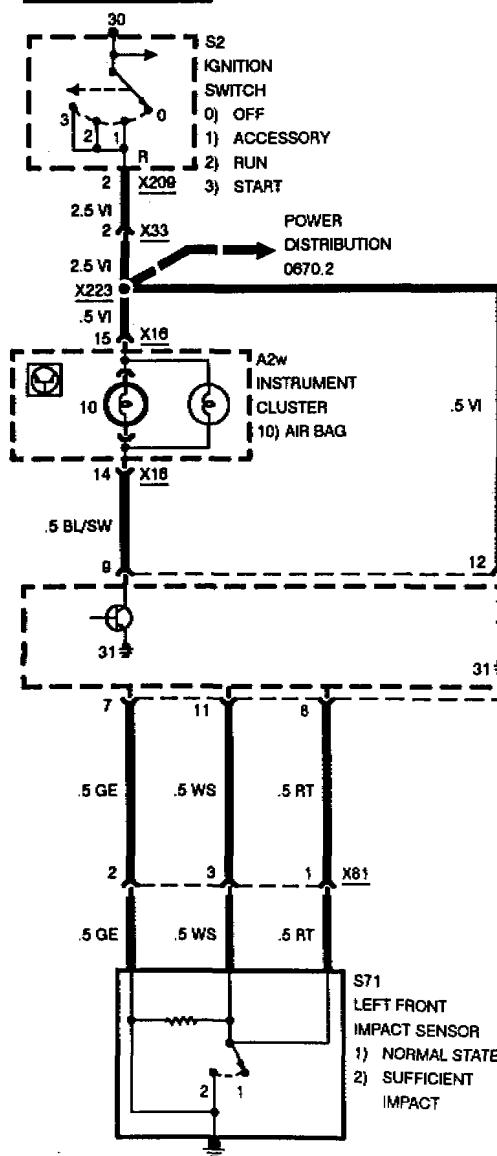
SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

1/1992

3234.0-00

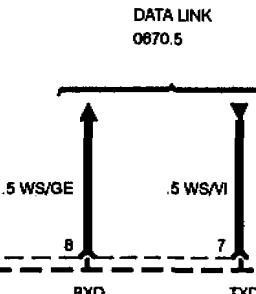
1992

HDT AT ALL TIMES

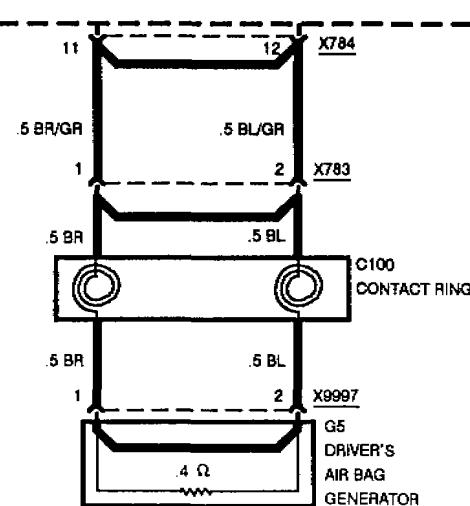


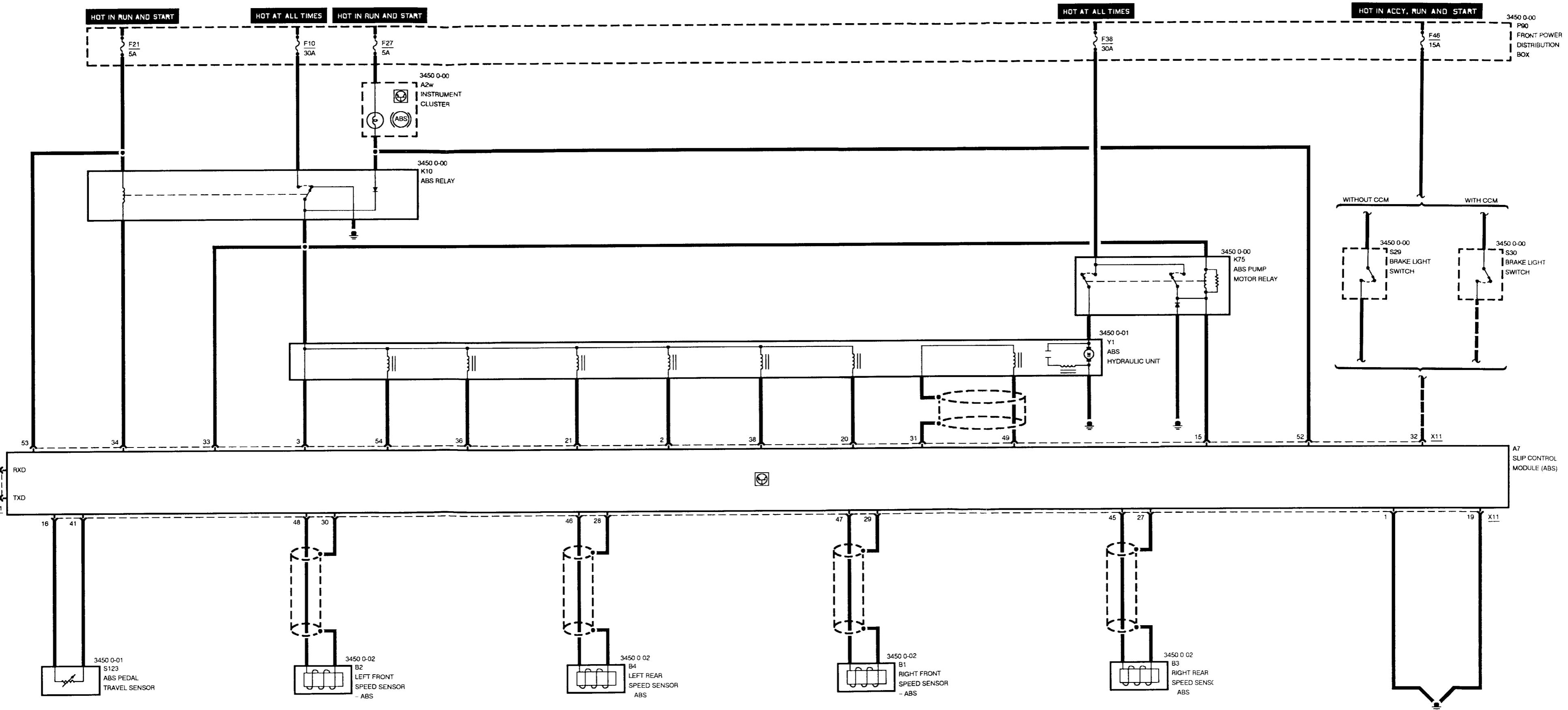
- * THE DRIVER'S AIR BAG GENERATOR IS FITTED WITH SHORTING BRIDGES TO PREVENT UNINTENTIONAL TRIGGERING OF THE IGNITER WHEN WORKING ON THE AIR BAG SYSTEM.

ONLY SPECIAL TOOLS 61 1260 AND 62 1280 (TEST LEADS) MAY BE USED TO CHECK THE WIRE LOOP AND IGNITER RESISTANCE.

DATA LINK
0670.5

A12
SUPPLEMENTAL
RESTRAINT
SYSTEM
CONTROL MODULE







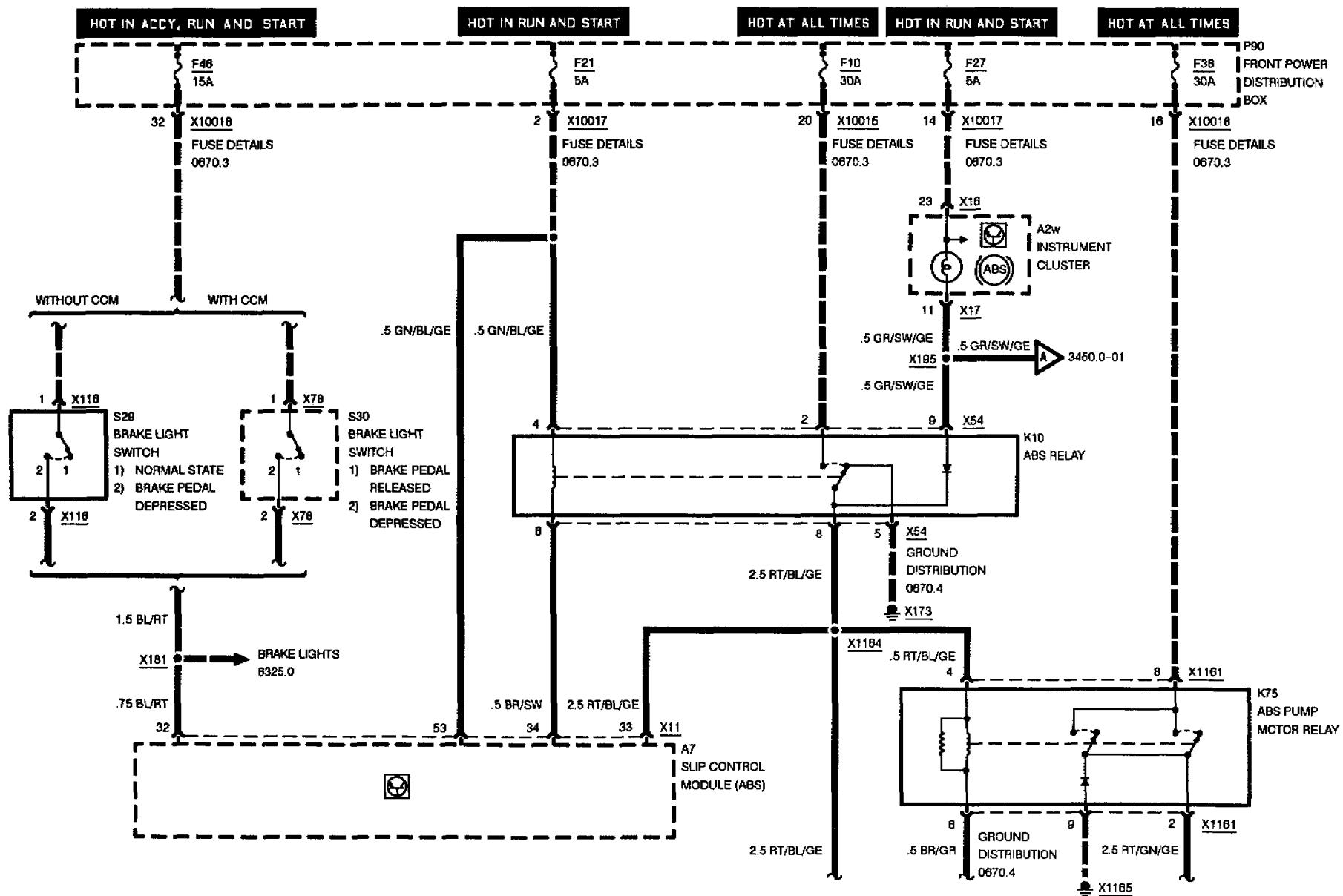
4

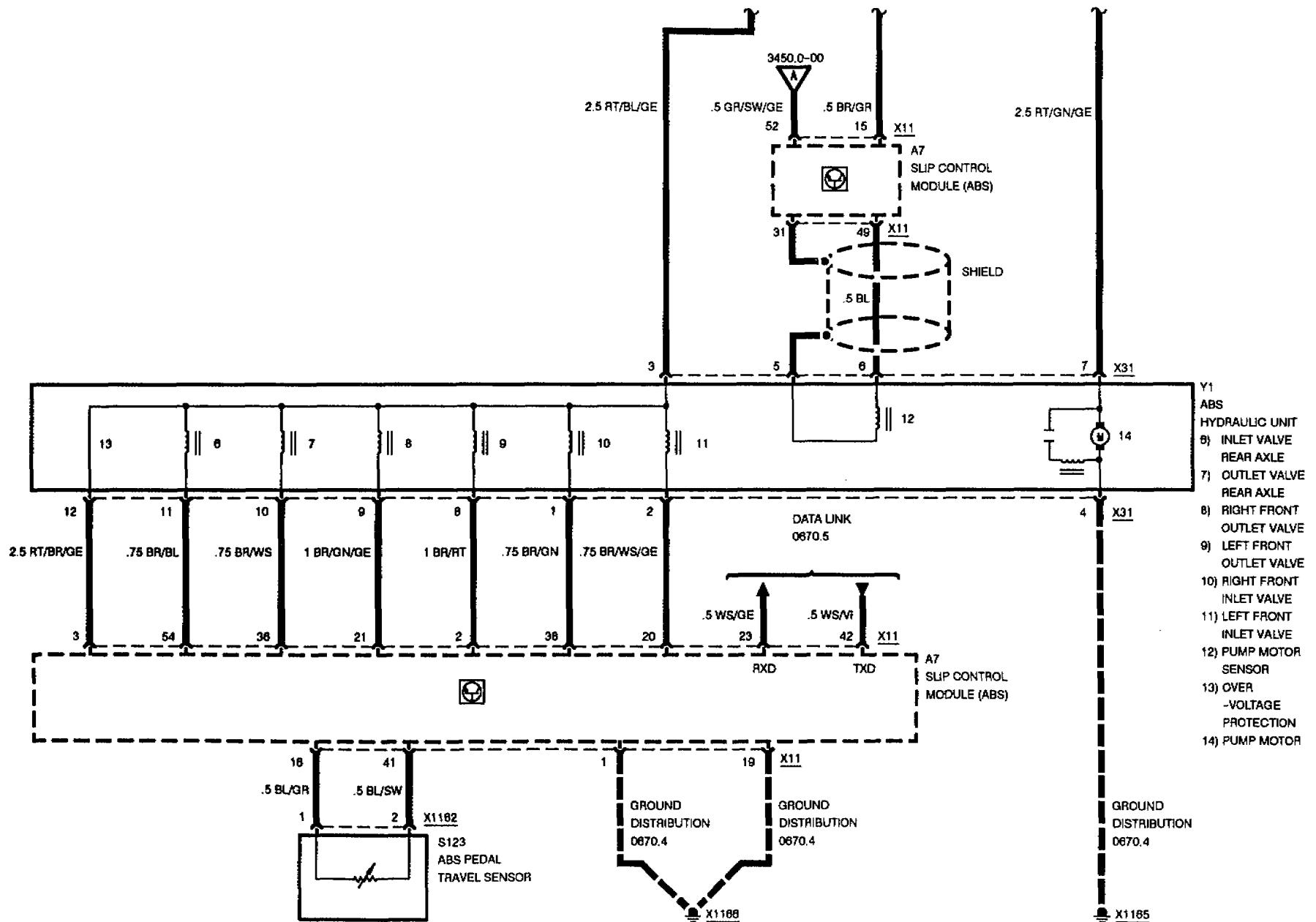
5

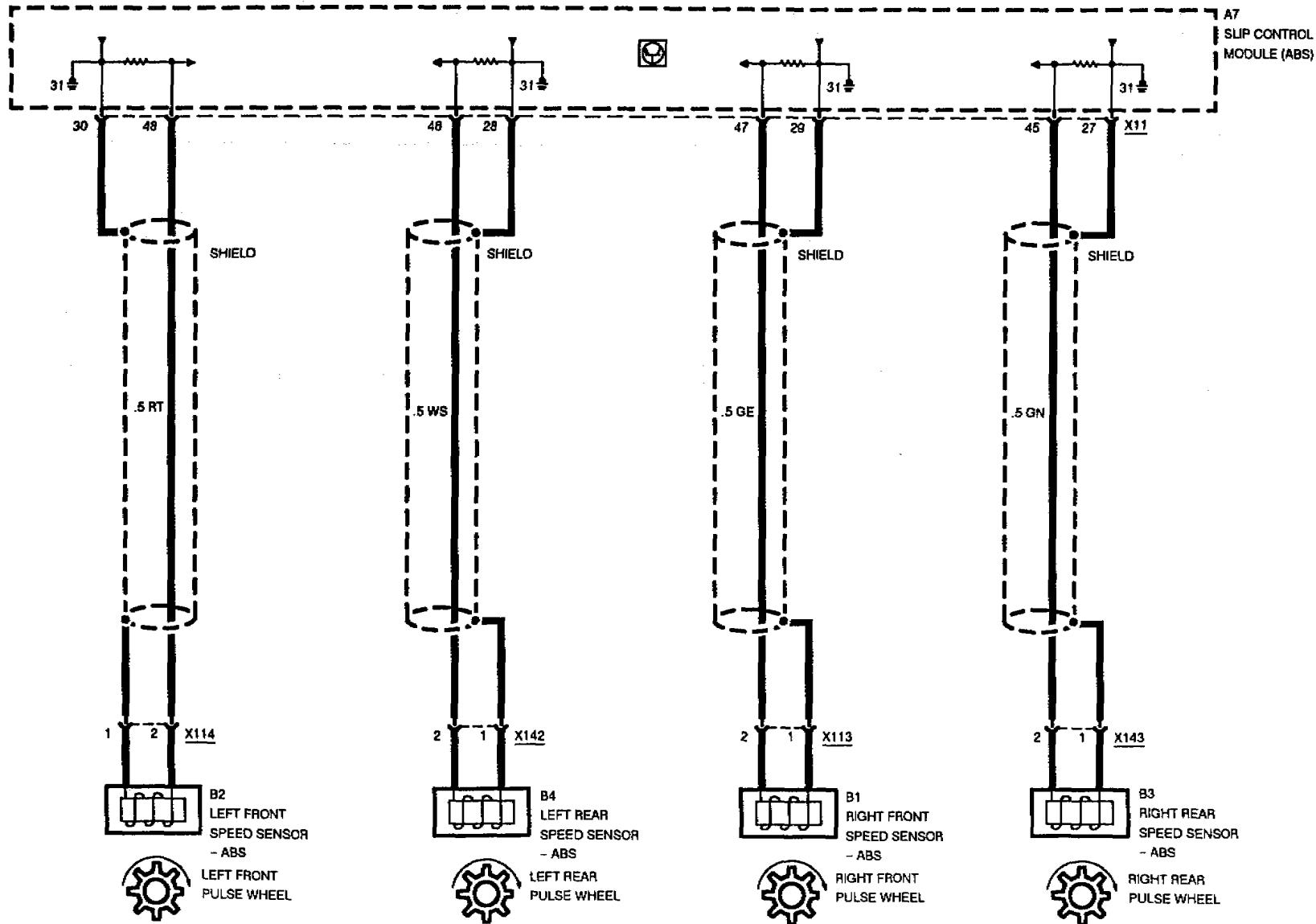
6

3450.0

SLIP CONTROL (ABS)









C

C

C

5116.0



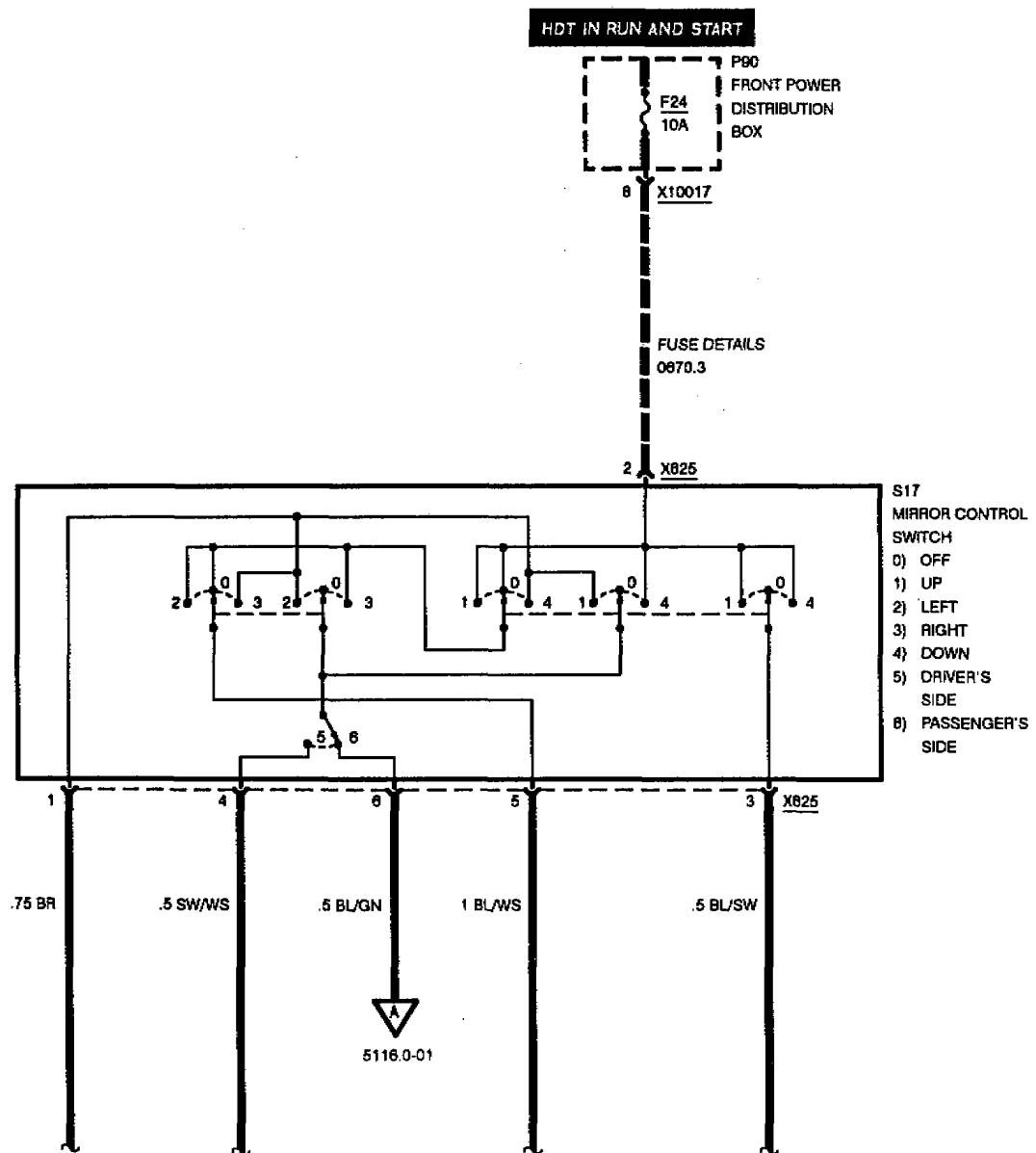
POWER MIRRORS

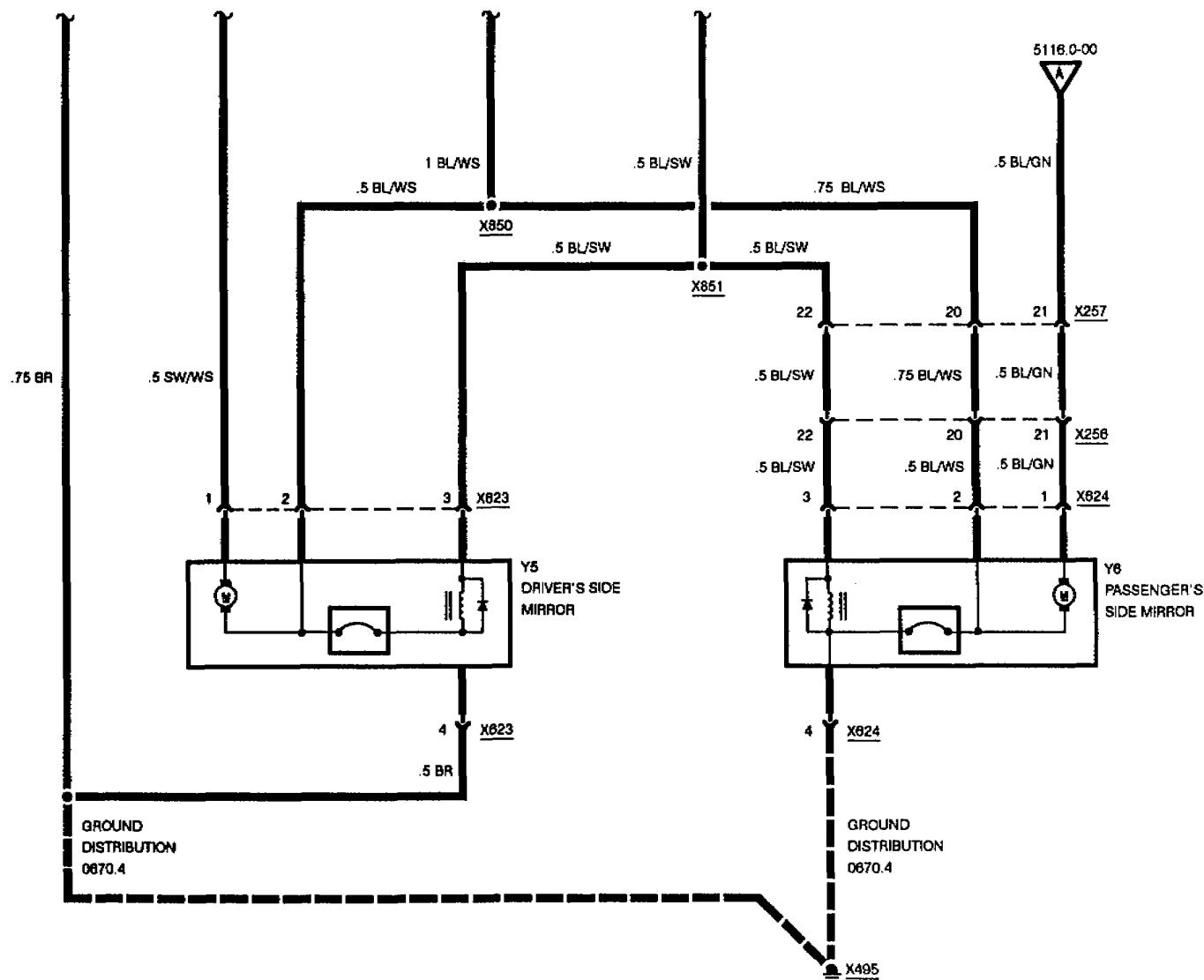
OUTSIDE MIRROR

11/92

5116.0-00

1992





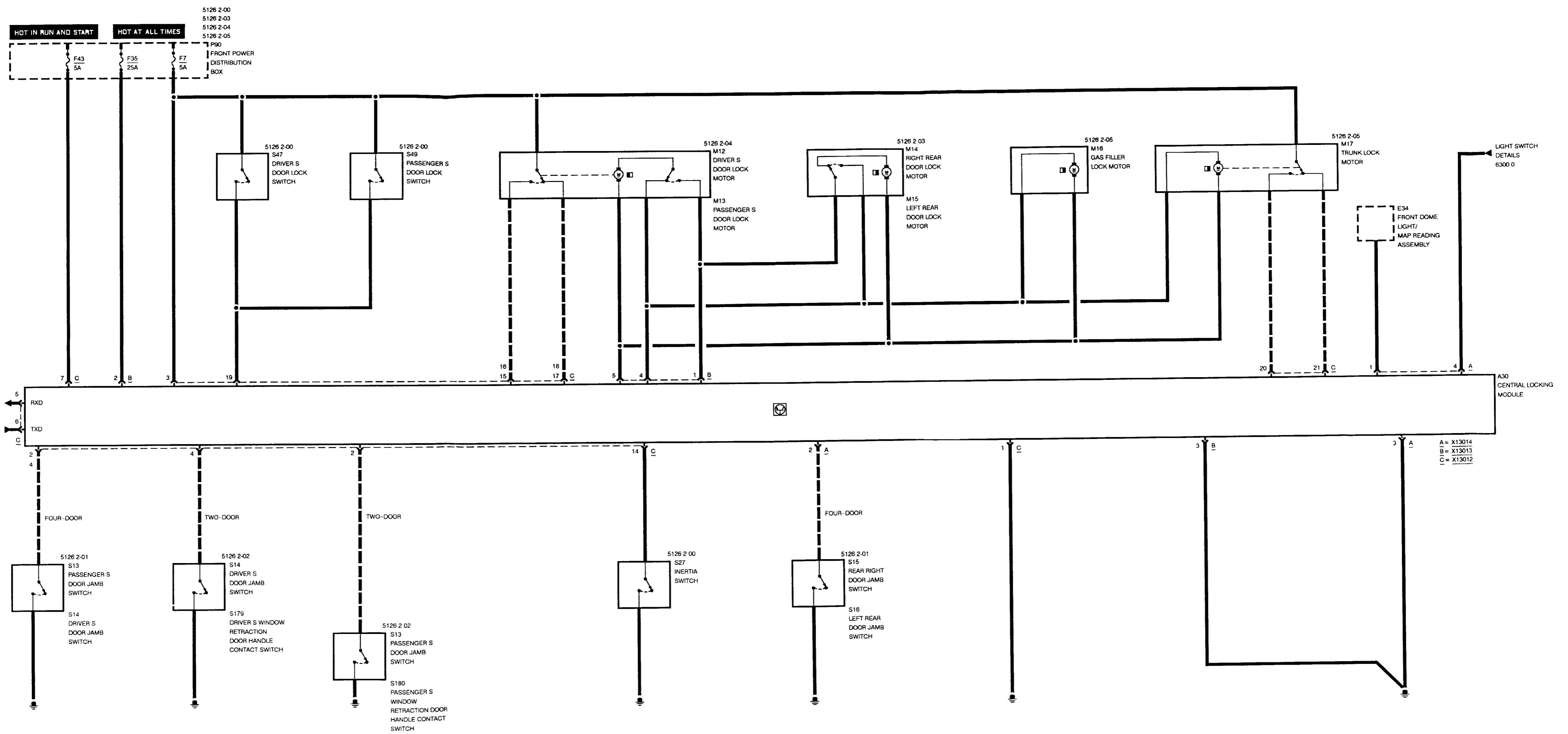


5116.0-02

11/92 ————— 5126 2 ————— 1992

11/92 ————— 5126 2 ————— 1992

11/92 ————— 5126 2 ————— 1992

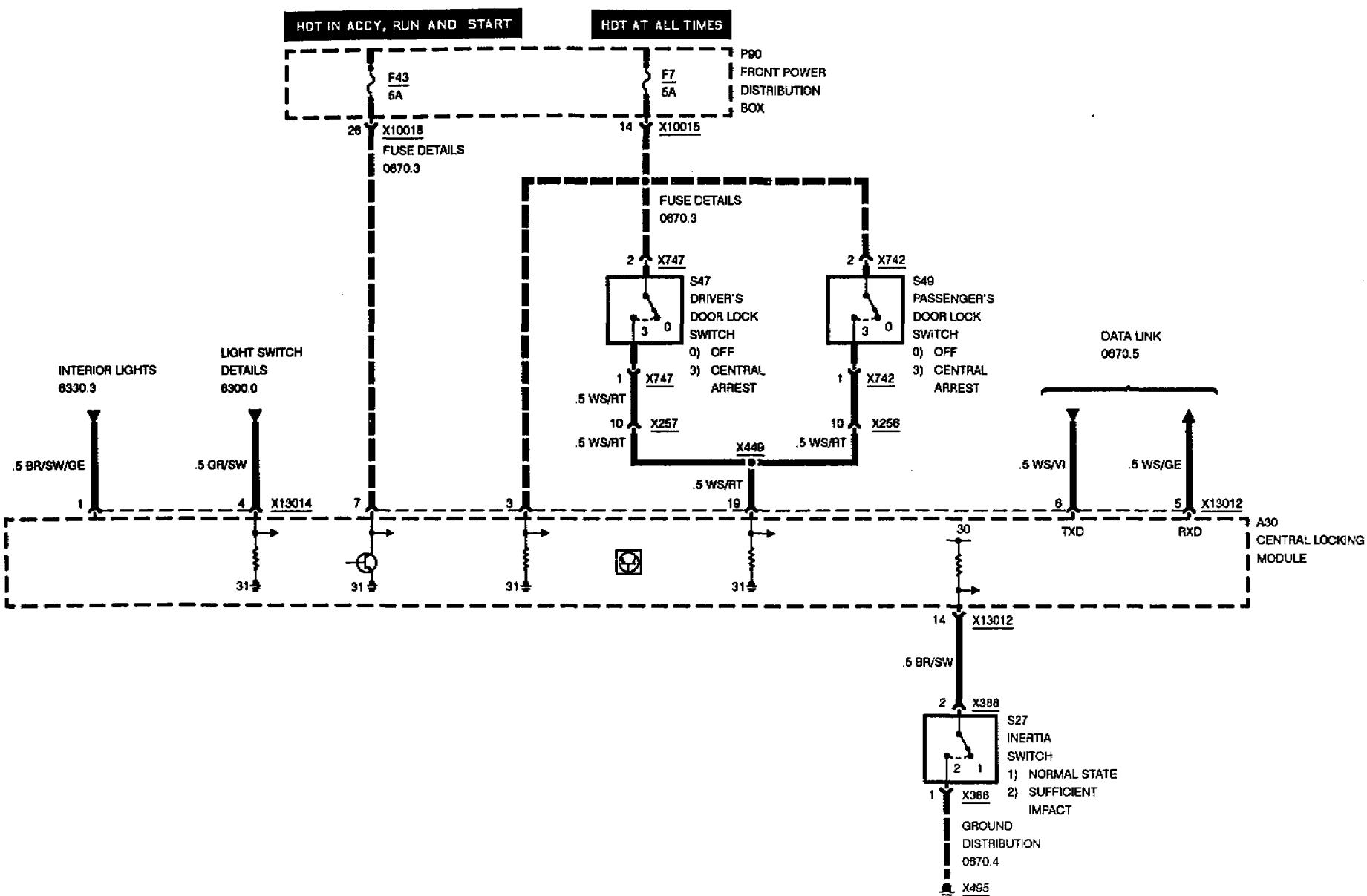




—

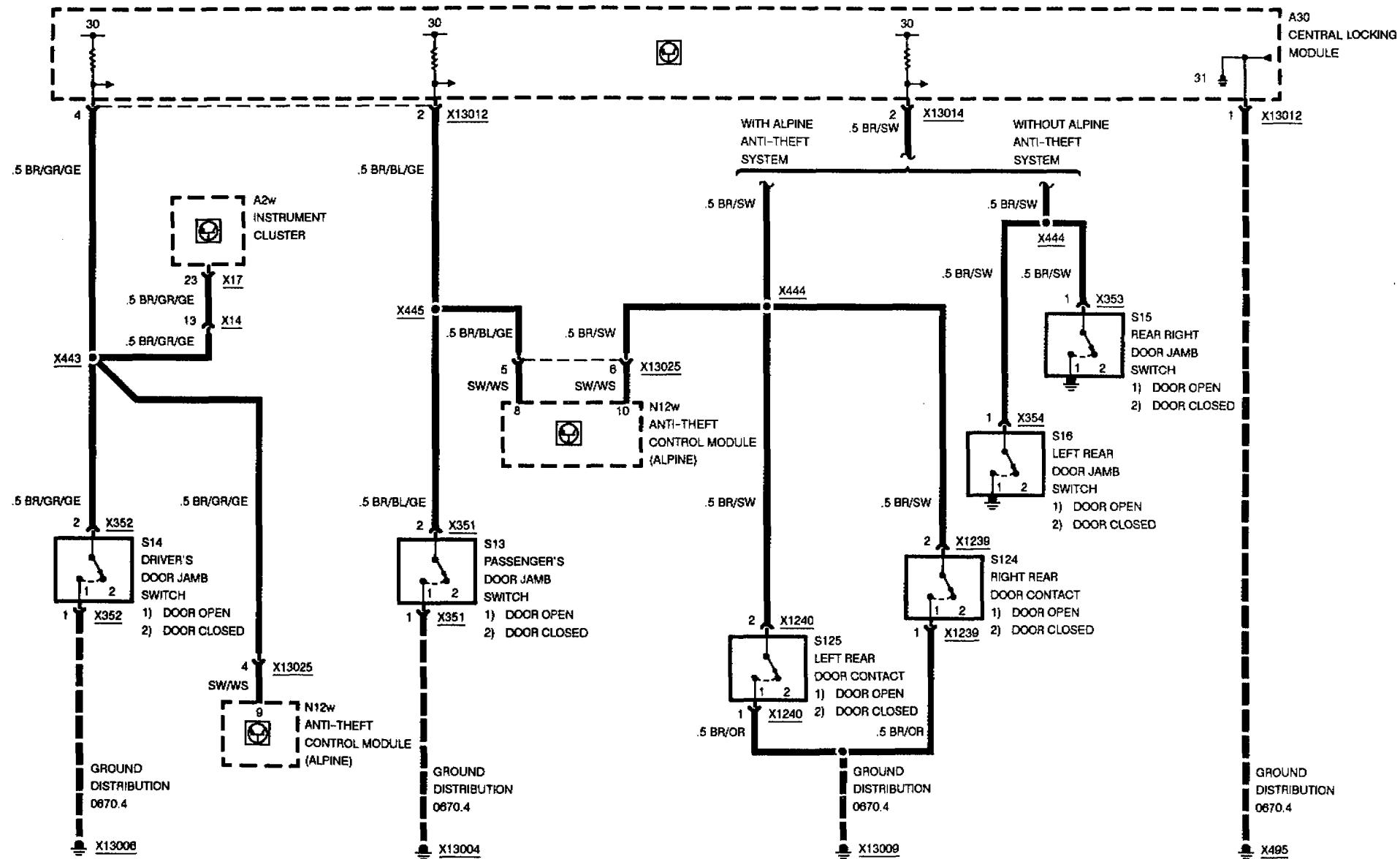
5126.2 —

CENTRAL LOCKING MODULE II (ZVM II)



CENTRAL LOCKING MODULE II (ZVM II)

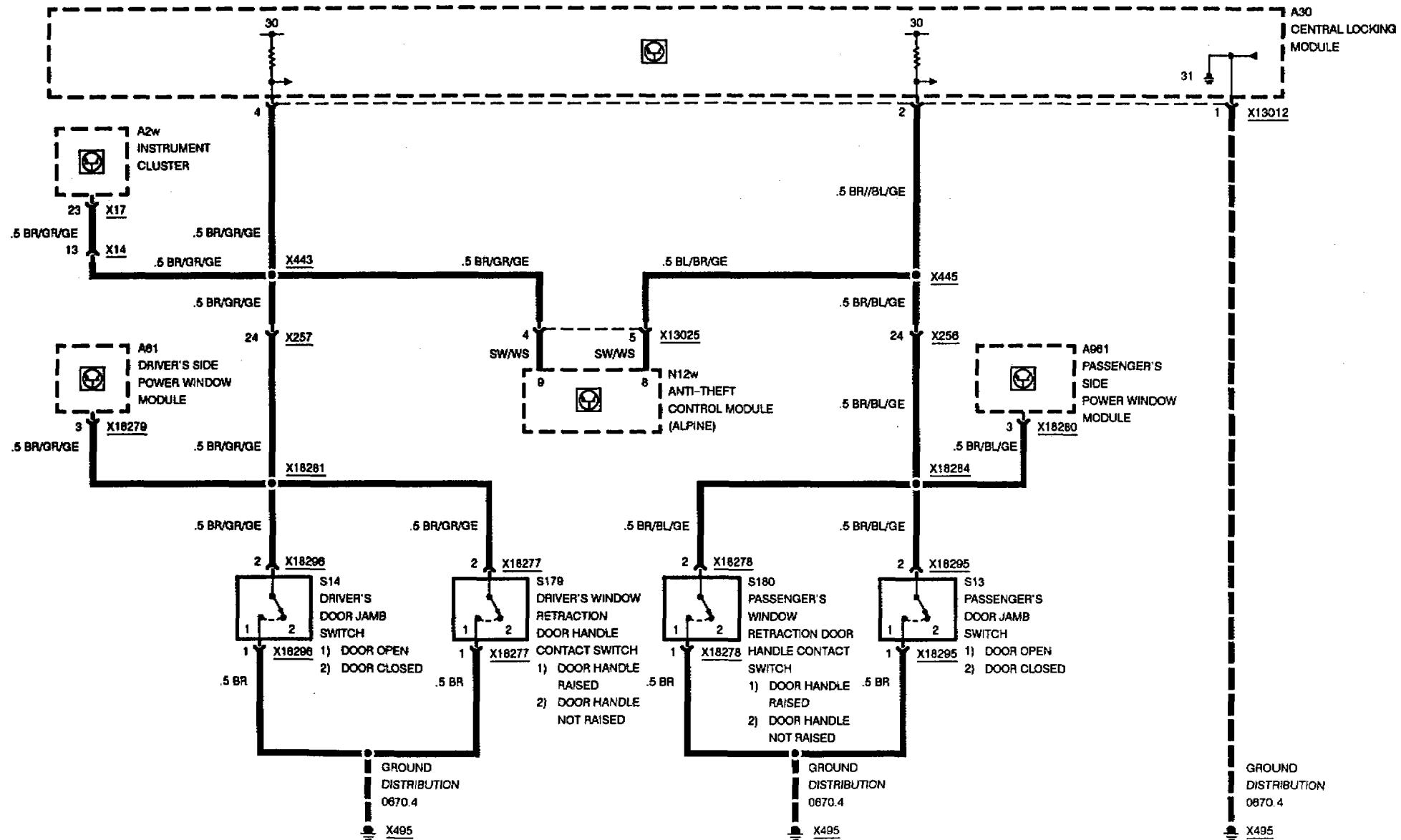
INPUTS - FOUR-DOOR





CENTRAL LOCKING MODULE II (ZVM II)

INPUTS - TWO-DOOR



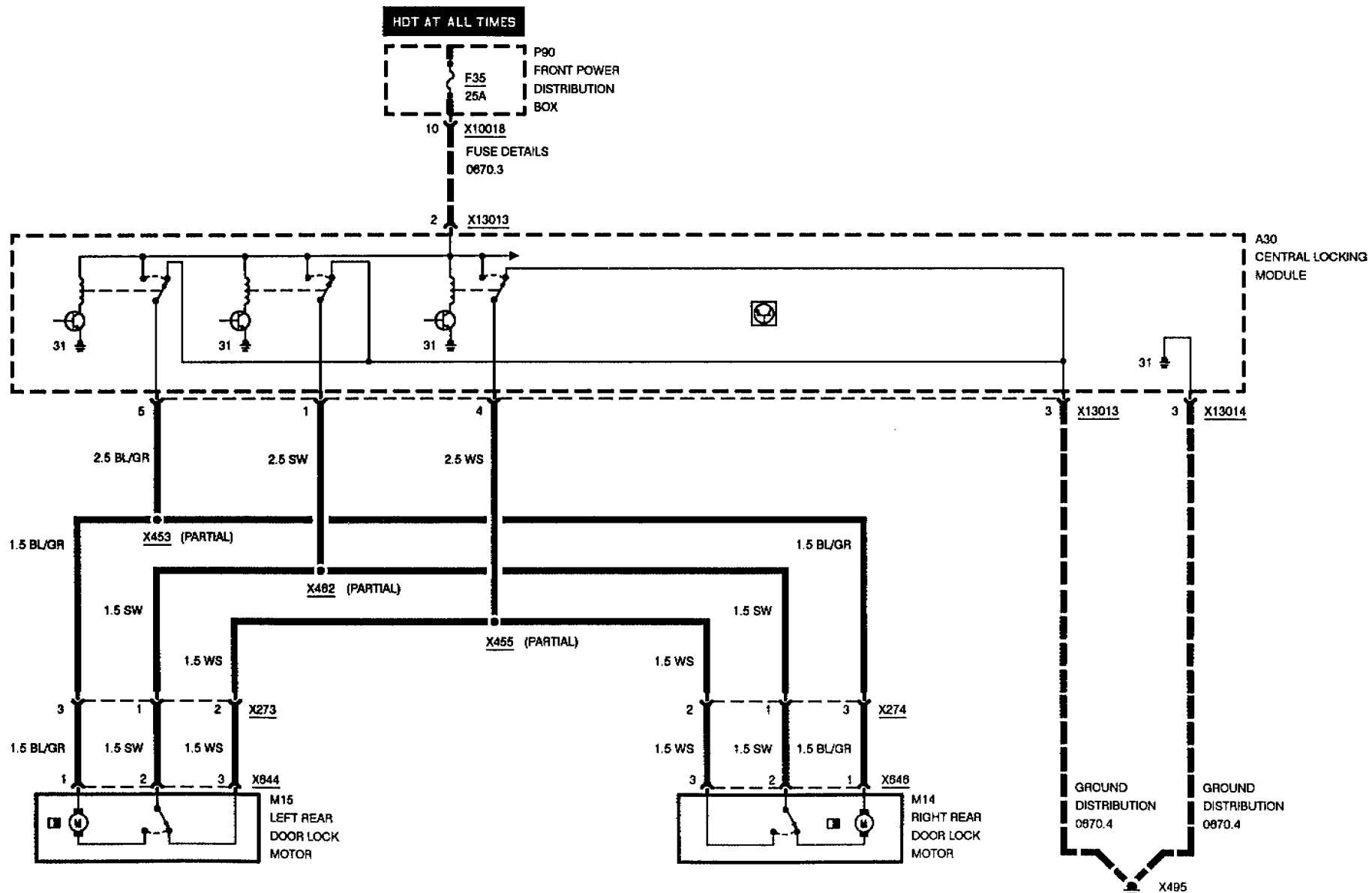


CENTRAL LOCKING MODULE II (ZVM II)

OUTPUT DETAILS

1/1992

5126.2-03

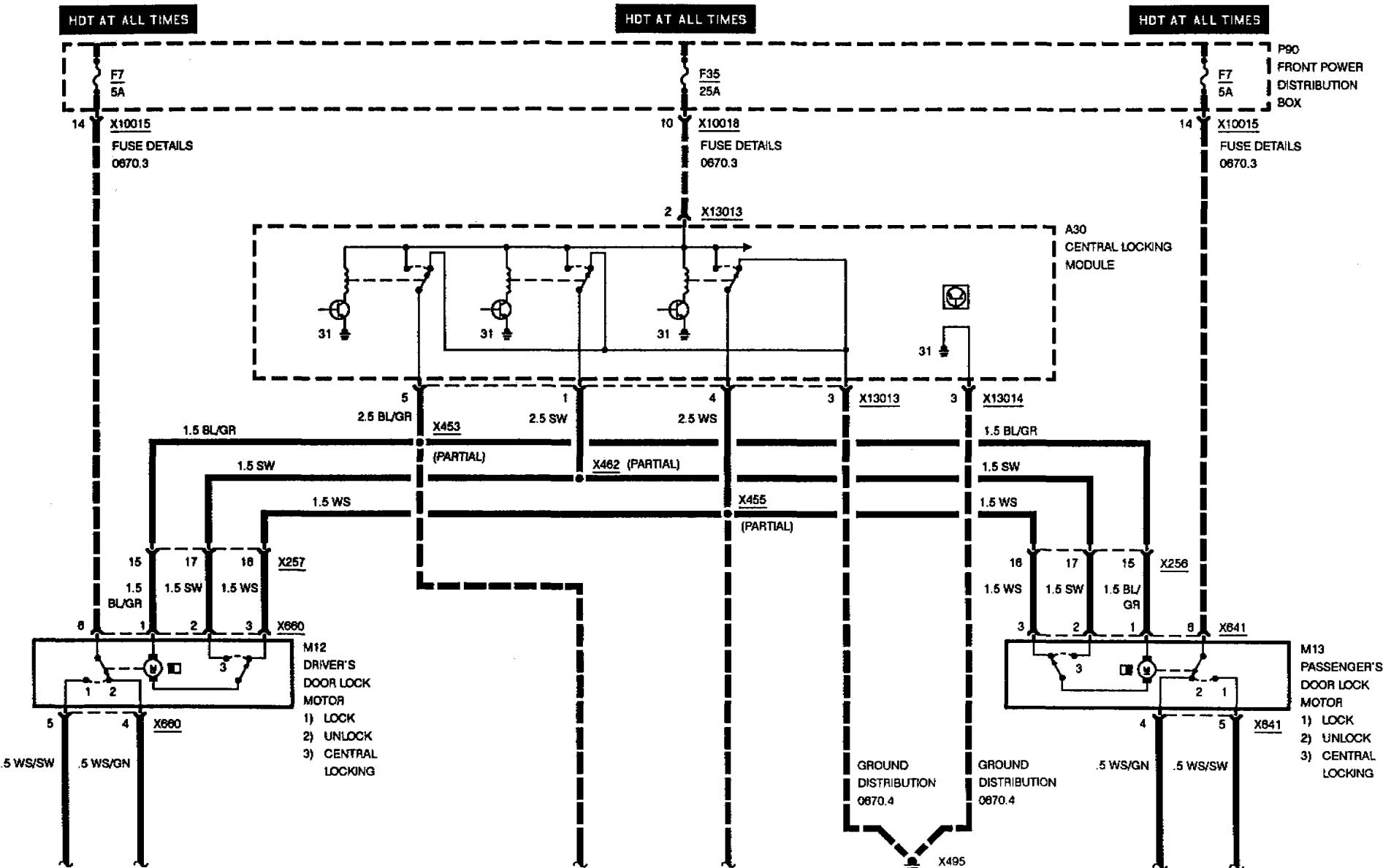


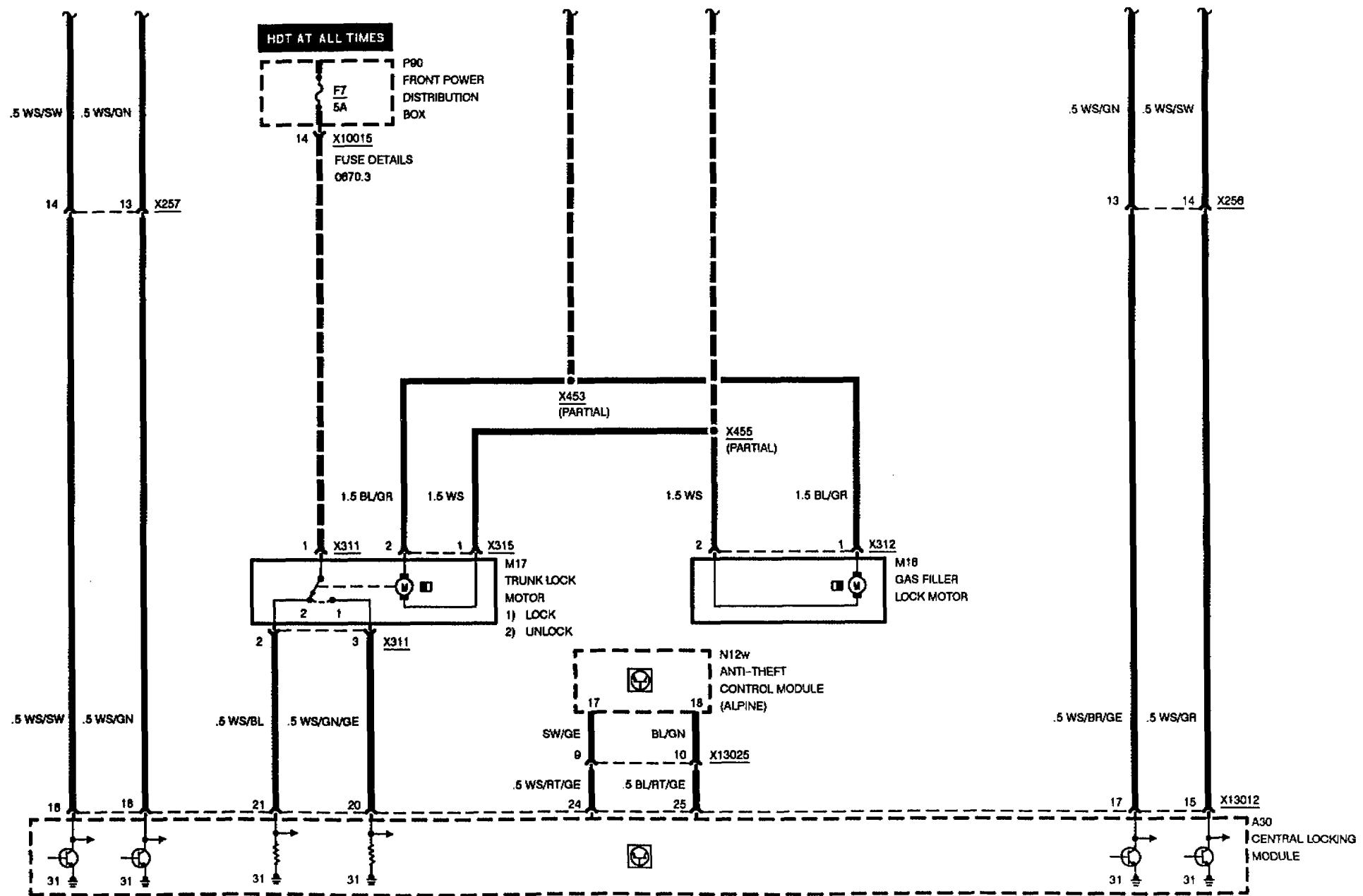
1992



CENTRAL LOCKING MODULE II (ZVM II)

OUTPUT DETAILS

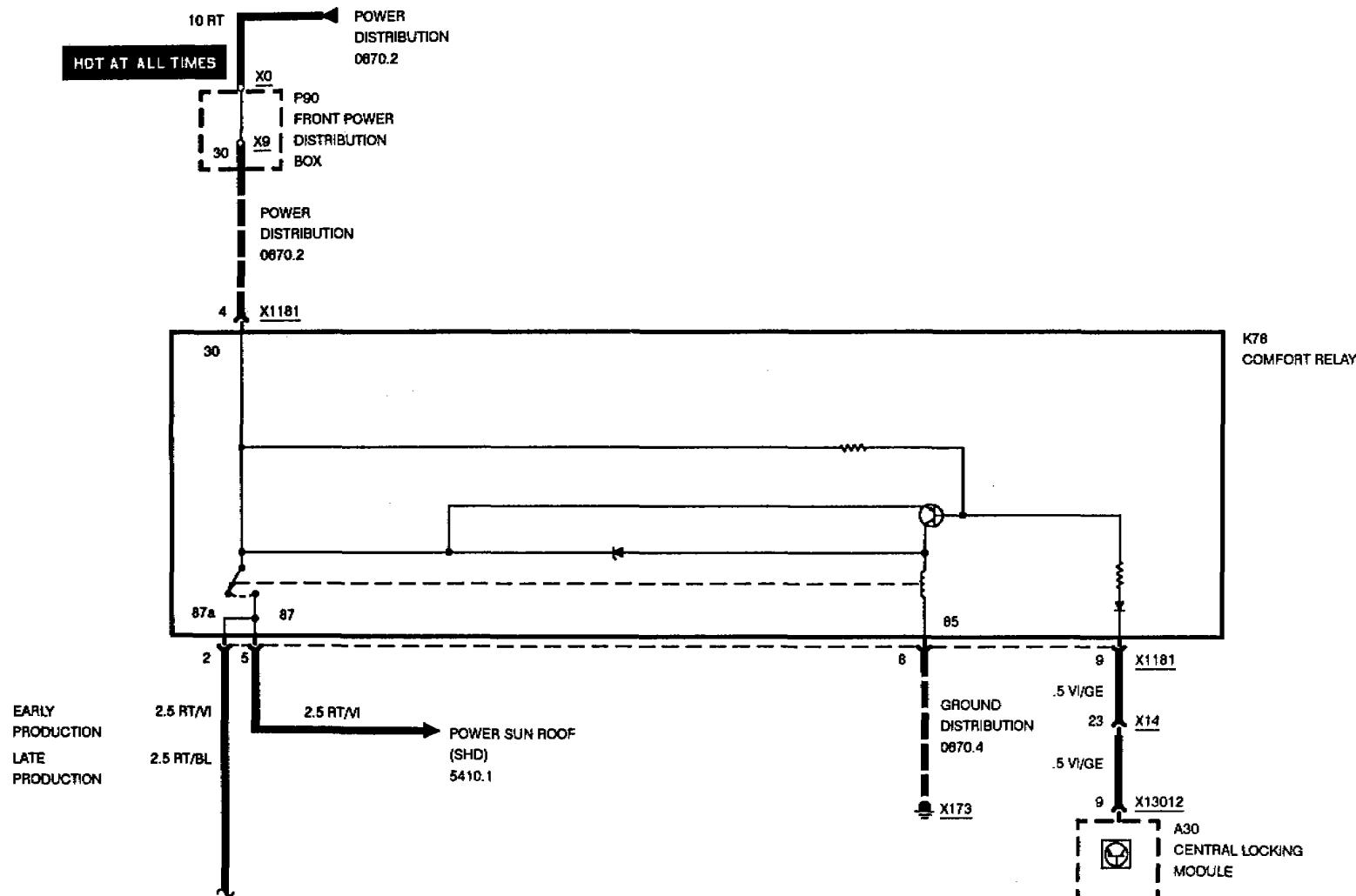


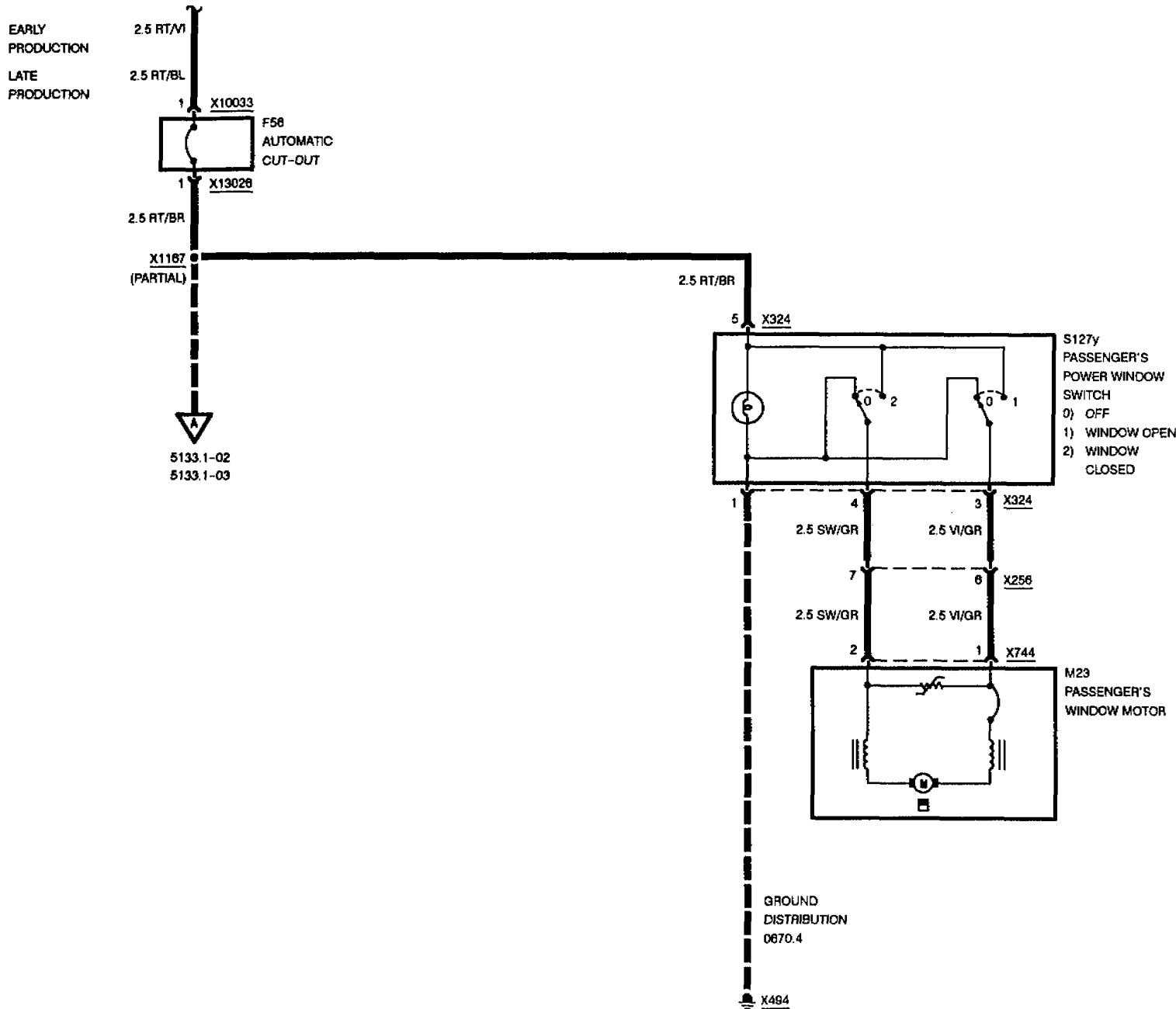


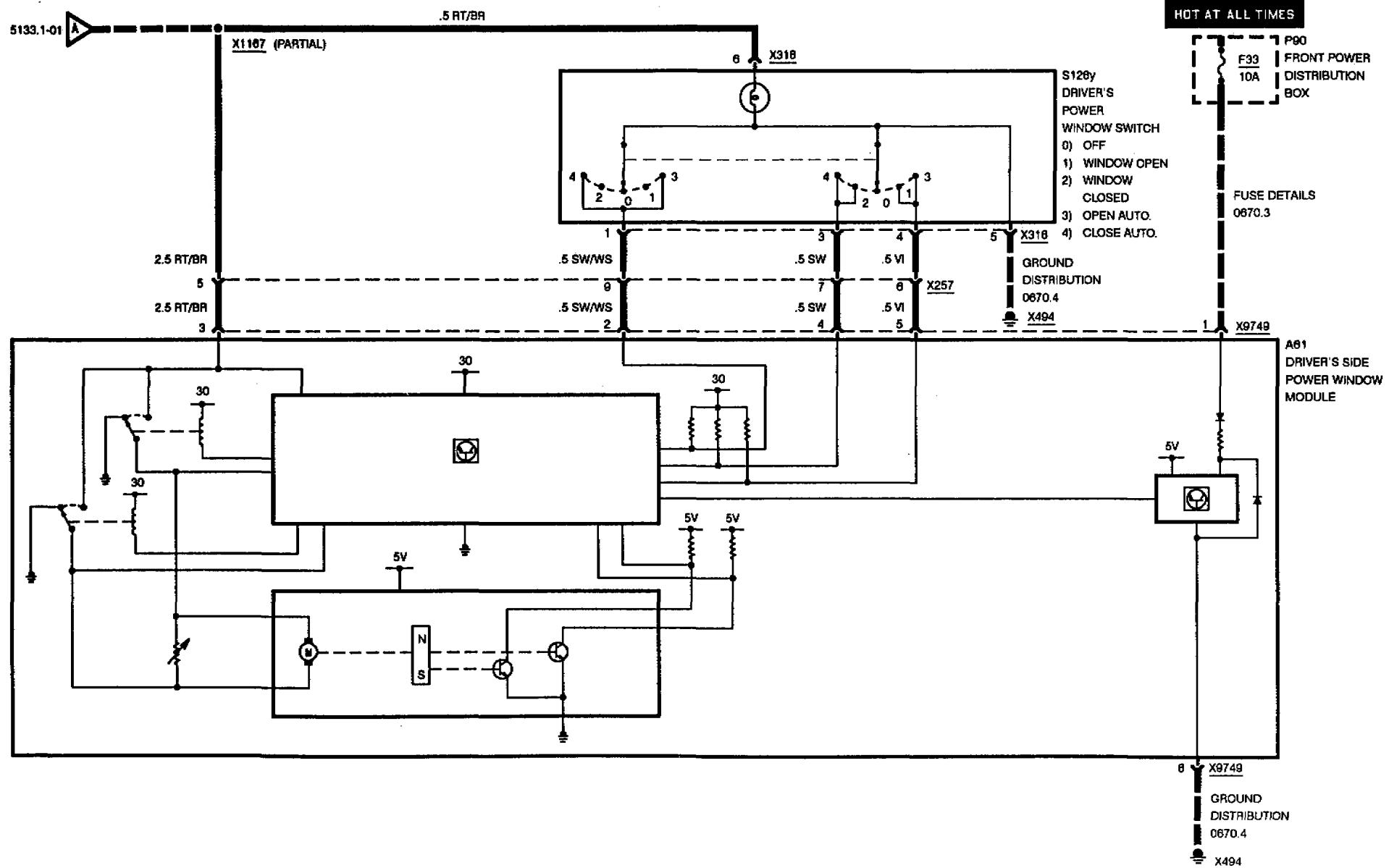


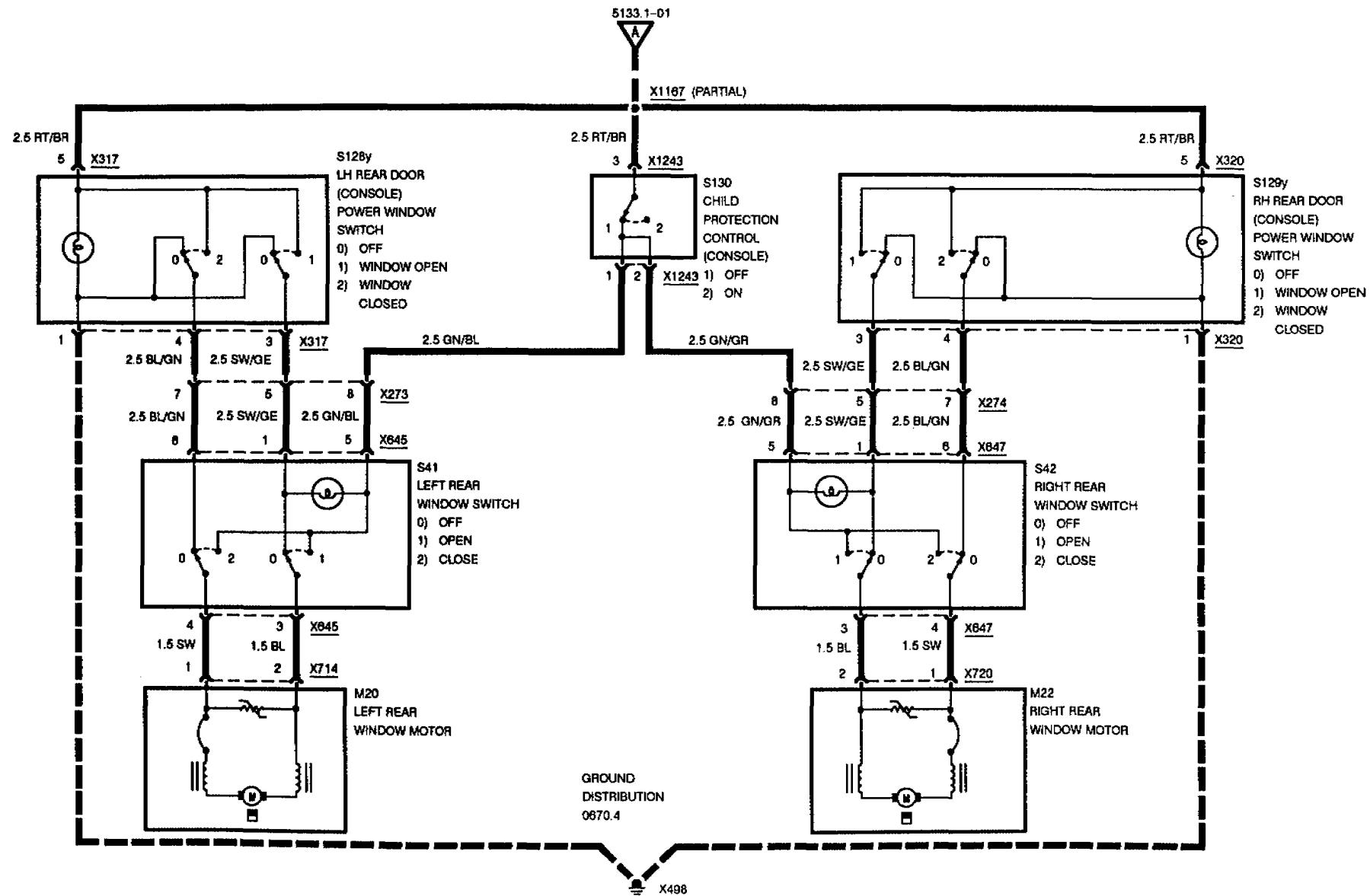
POWER WINDOWS (FH)

FOUR-DOOR





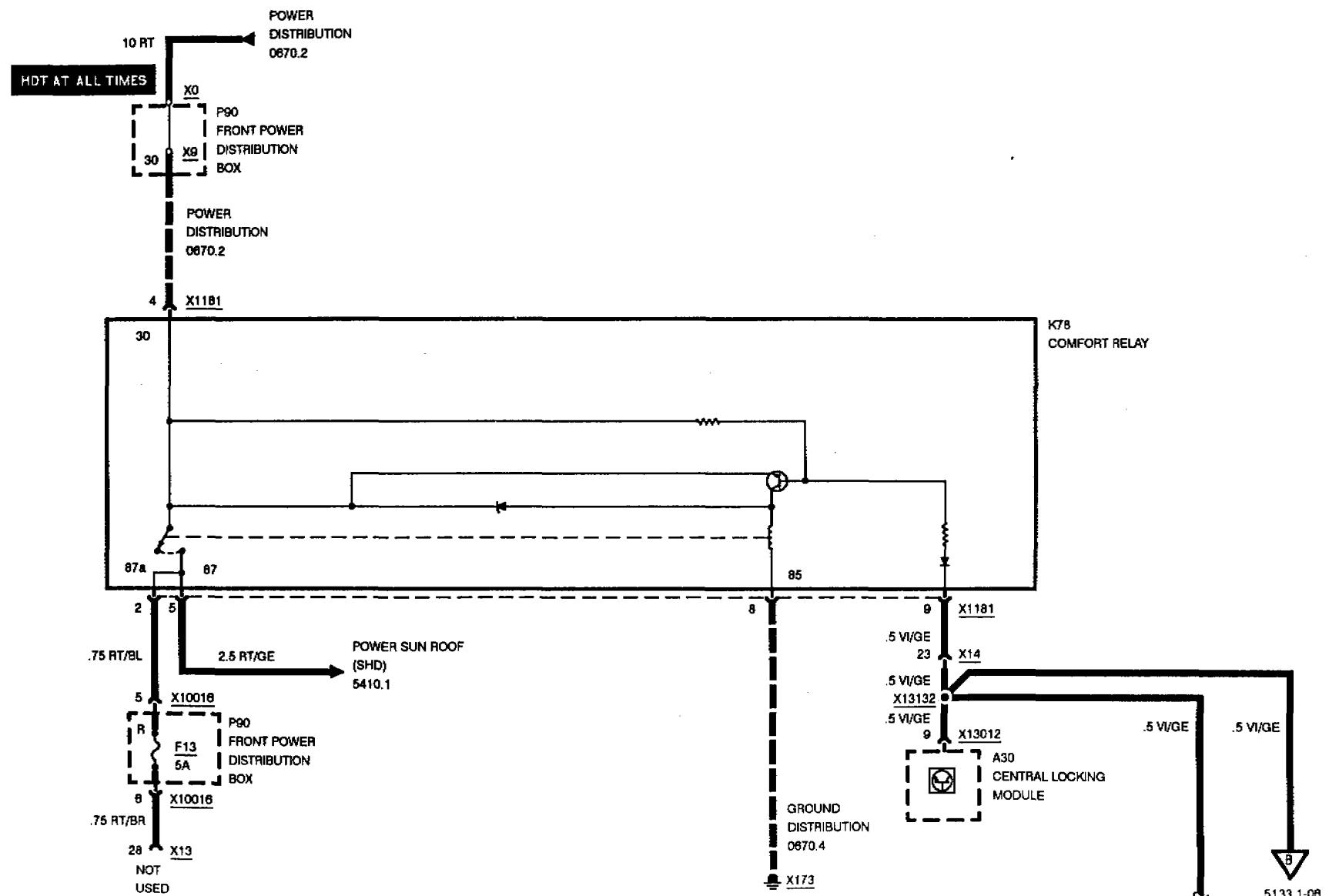


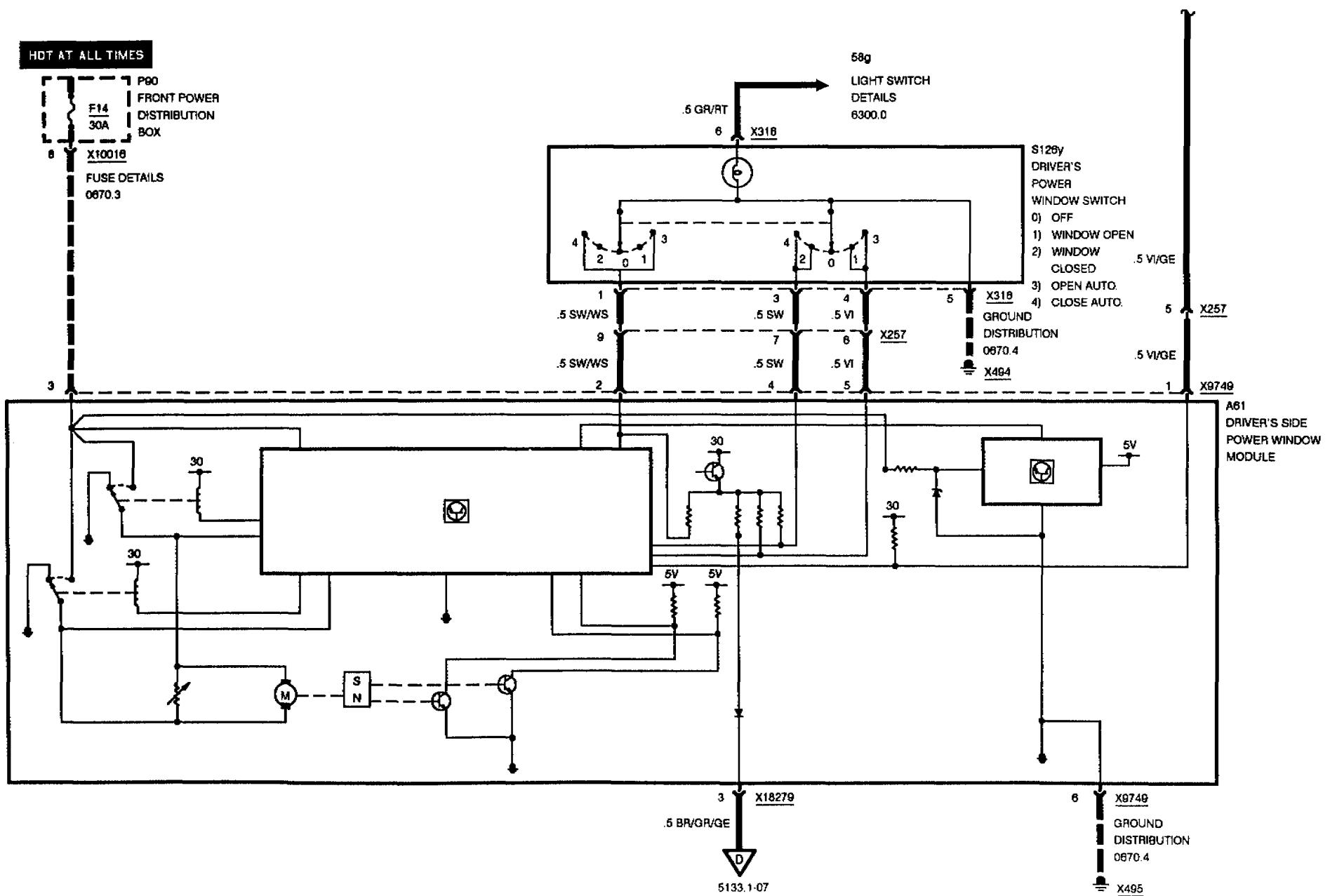
POWER WINDOWS (FH)**REAR WINDOWS - FOUR-DOOR**



POWER WINDOWS (FH)

TWO-DOOR







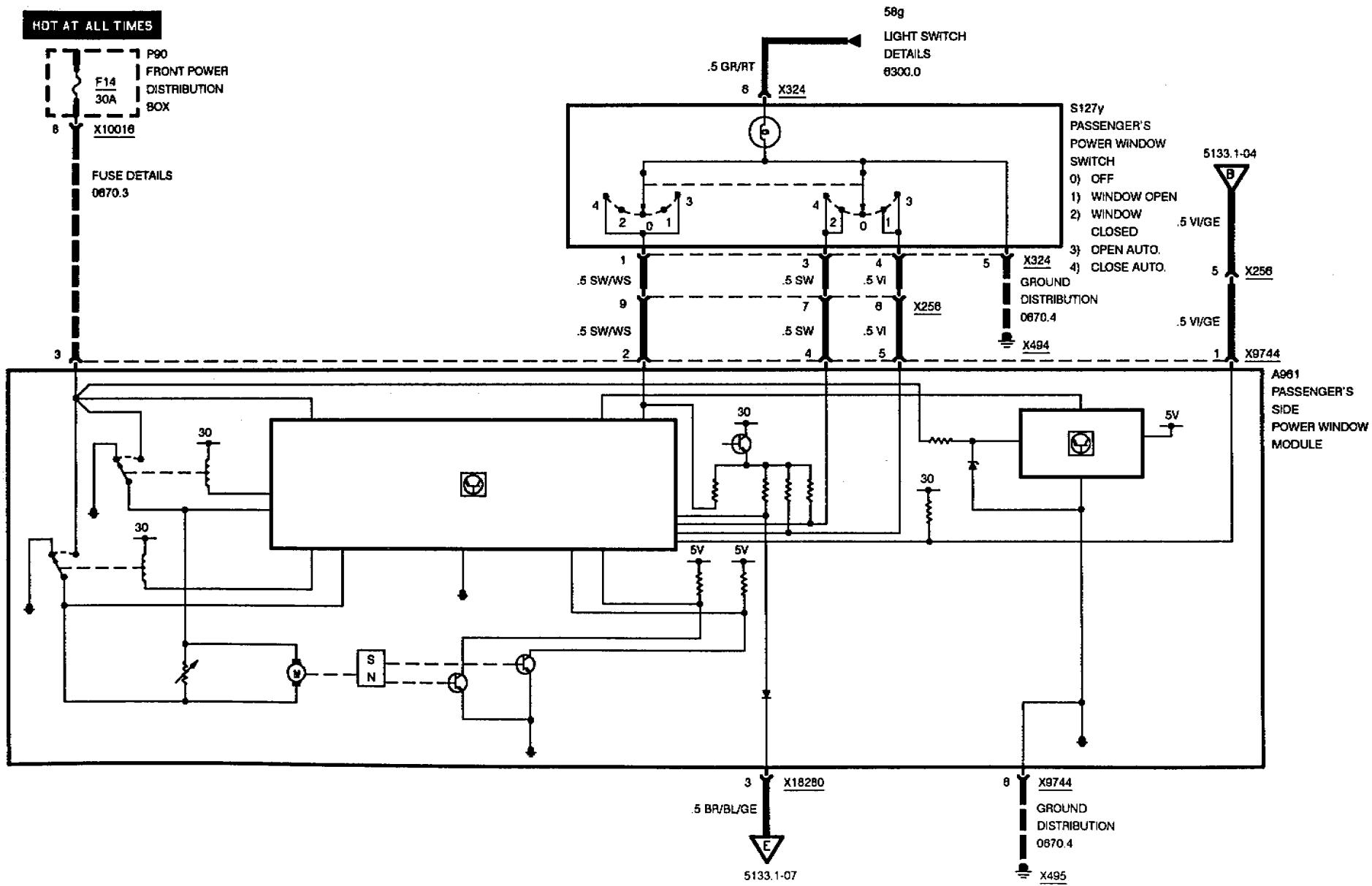
POWER WINDOWS (FH)

PASSENGER'S SIDE - TWO-DOOR

11/92

5133.1-06

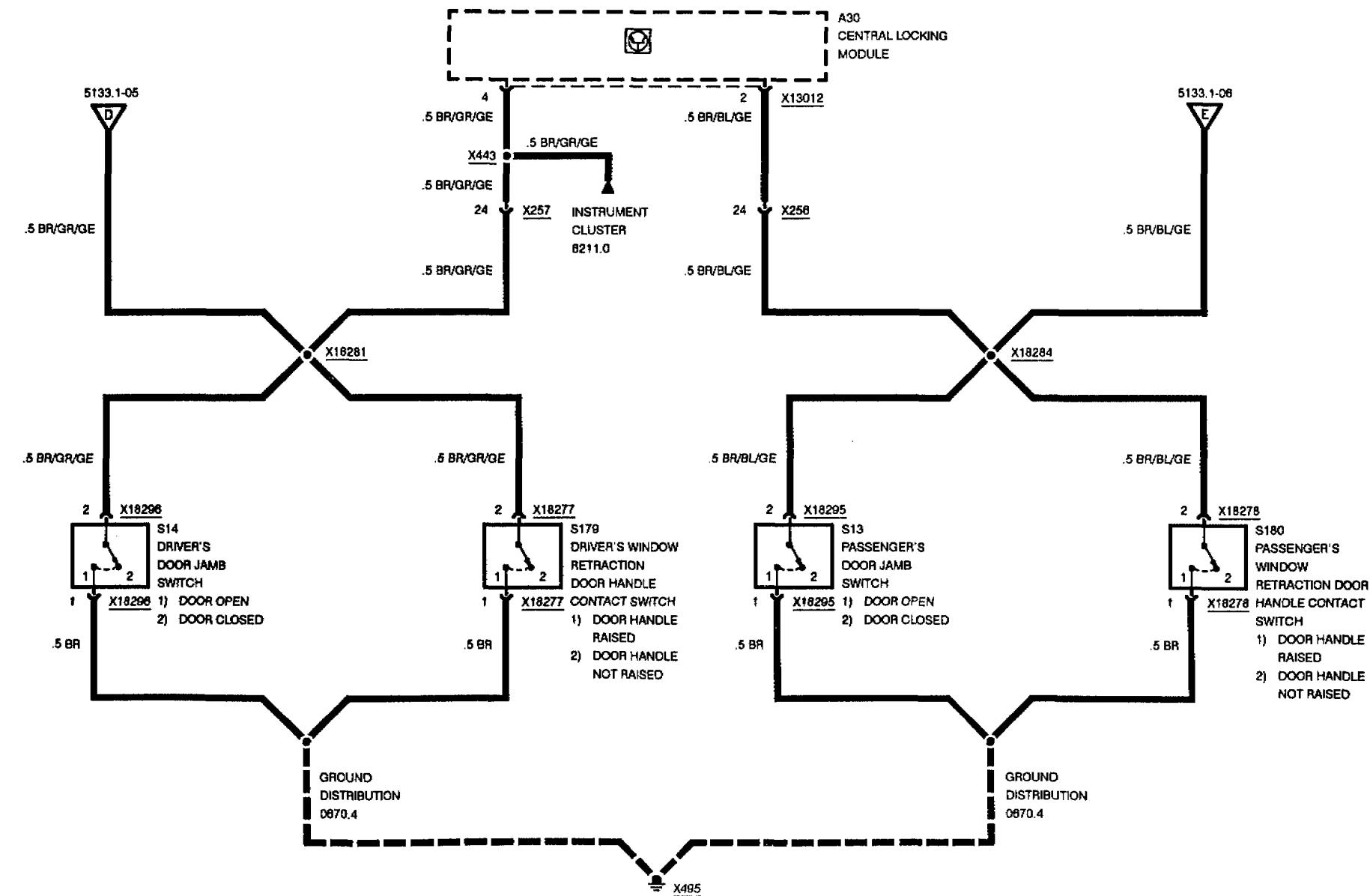
1992





POWER WINDOWS (FH)

TWO-DOOR





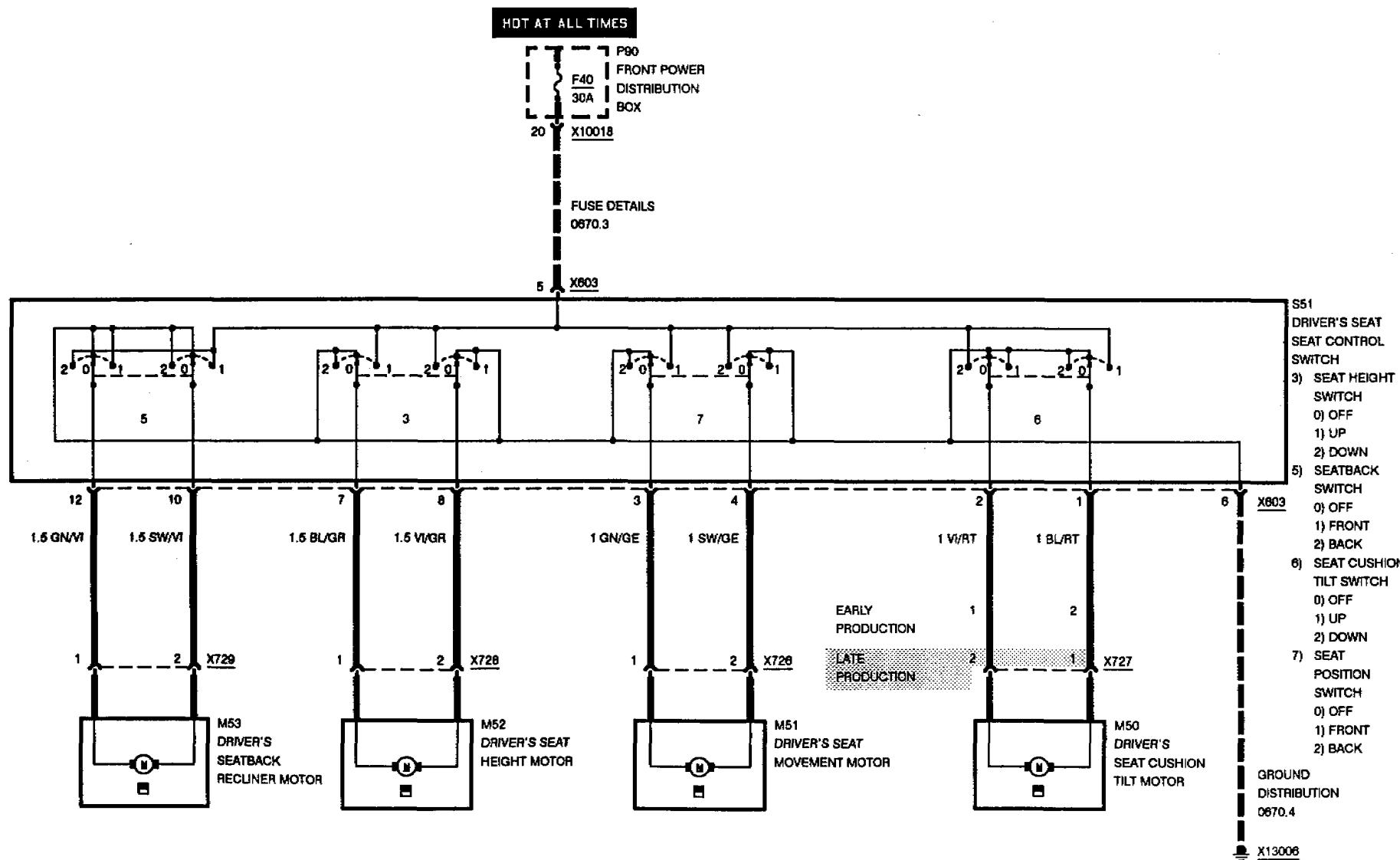
POWER SEATS AND LUMBAR SUPPORT

DRIVER'S SEAT

11/82

5200.2-00

1992





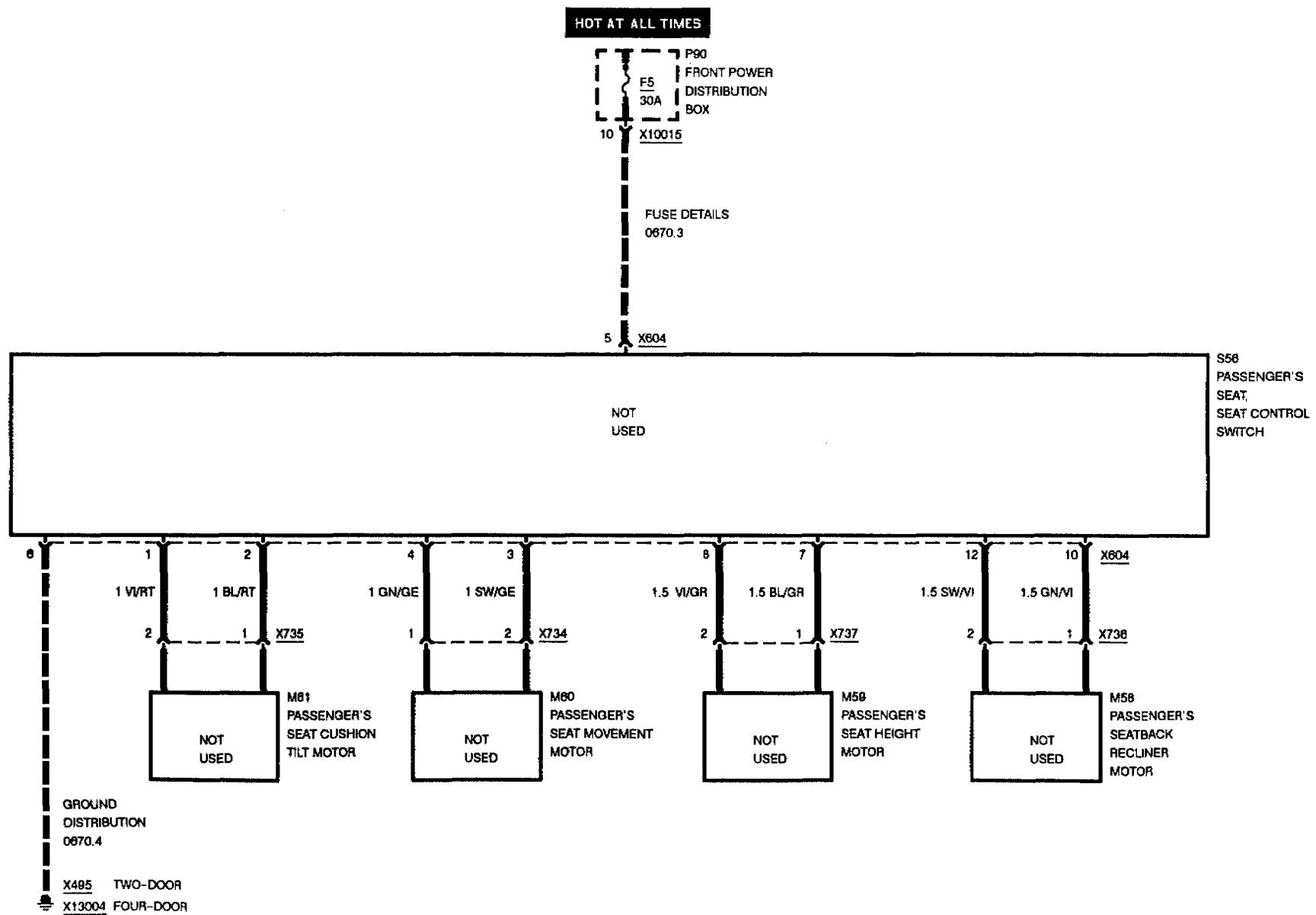
POWER SEATS AND LUMBAR SUPPORT

PASSENGER'S SEAT

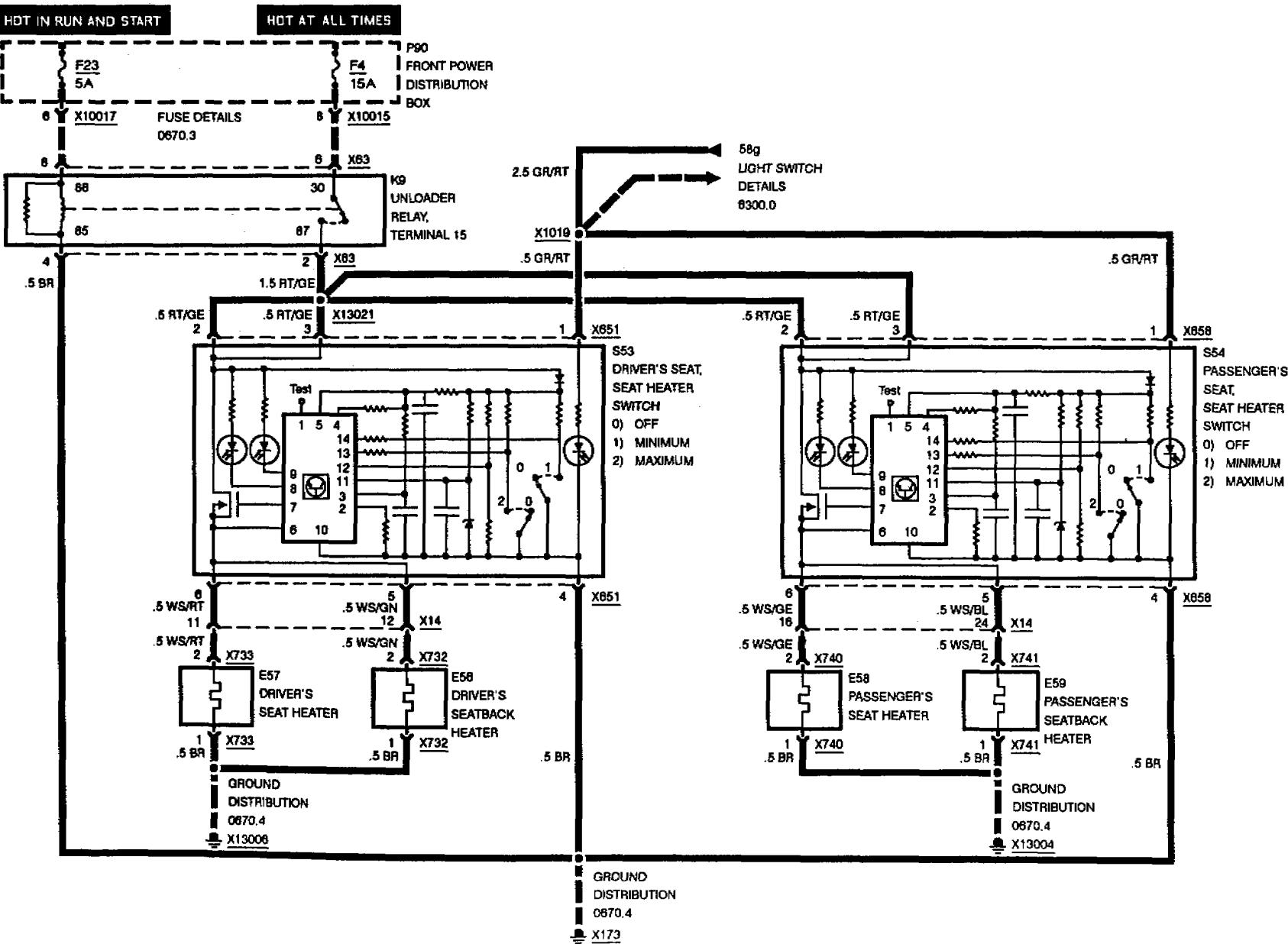
11/92

5200.2-01

1992



HEATED SEATS



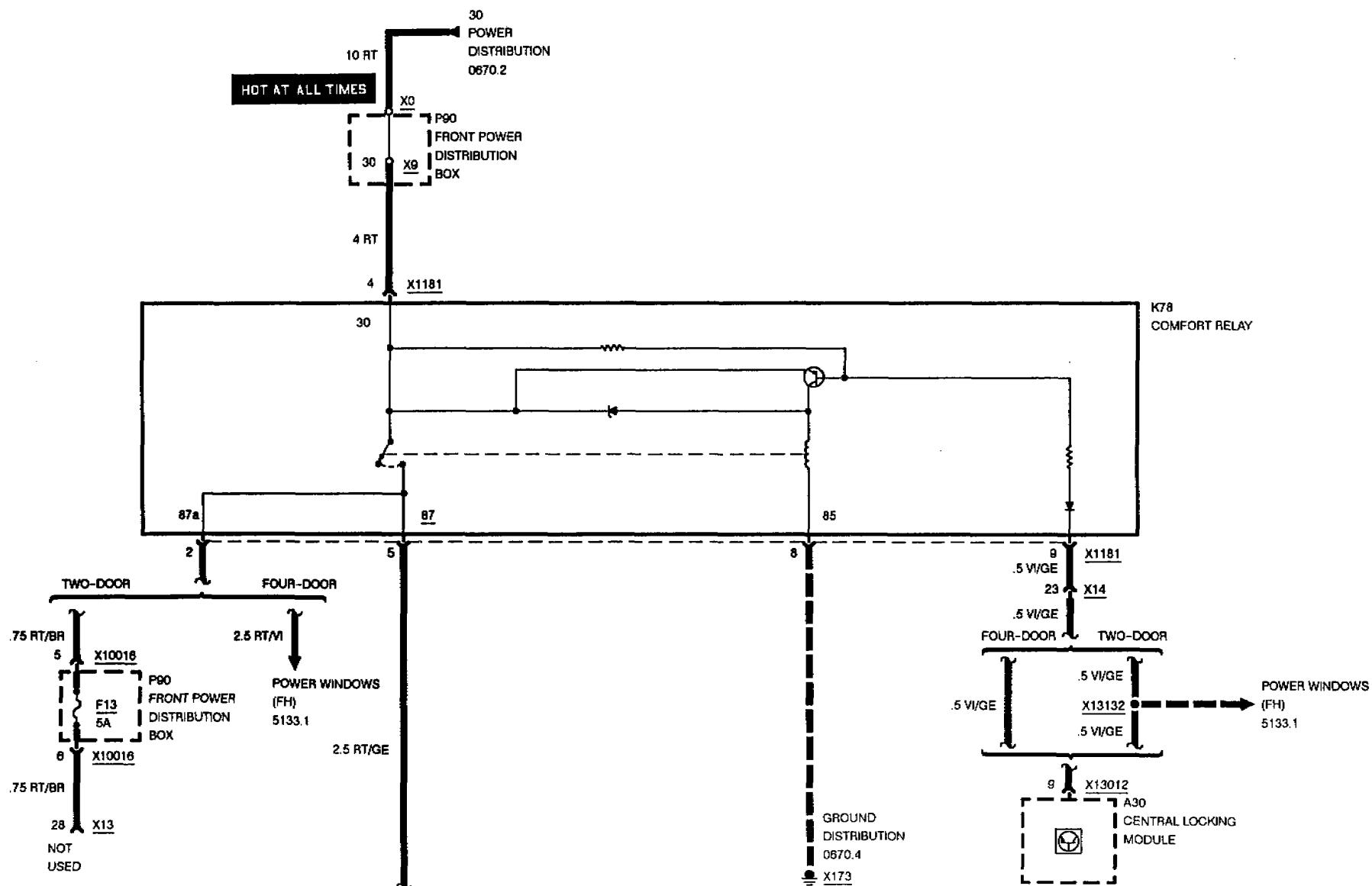


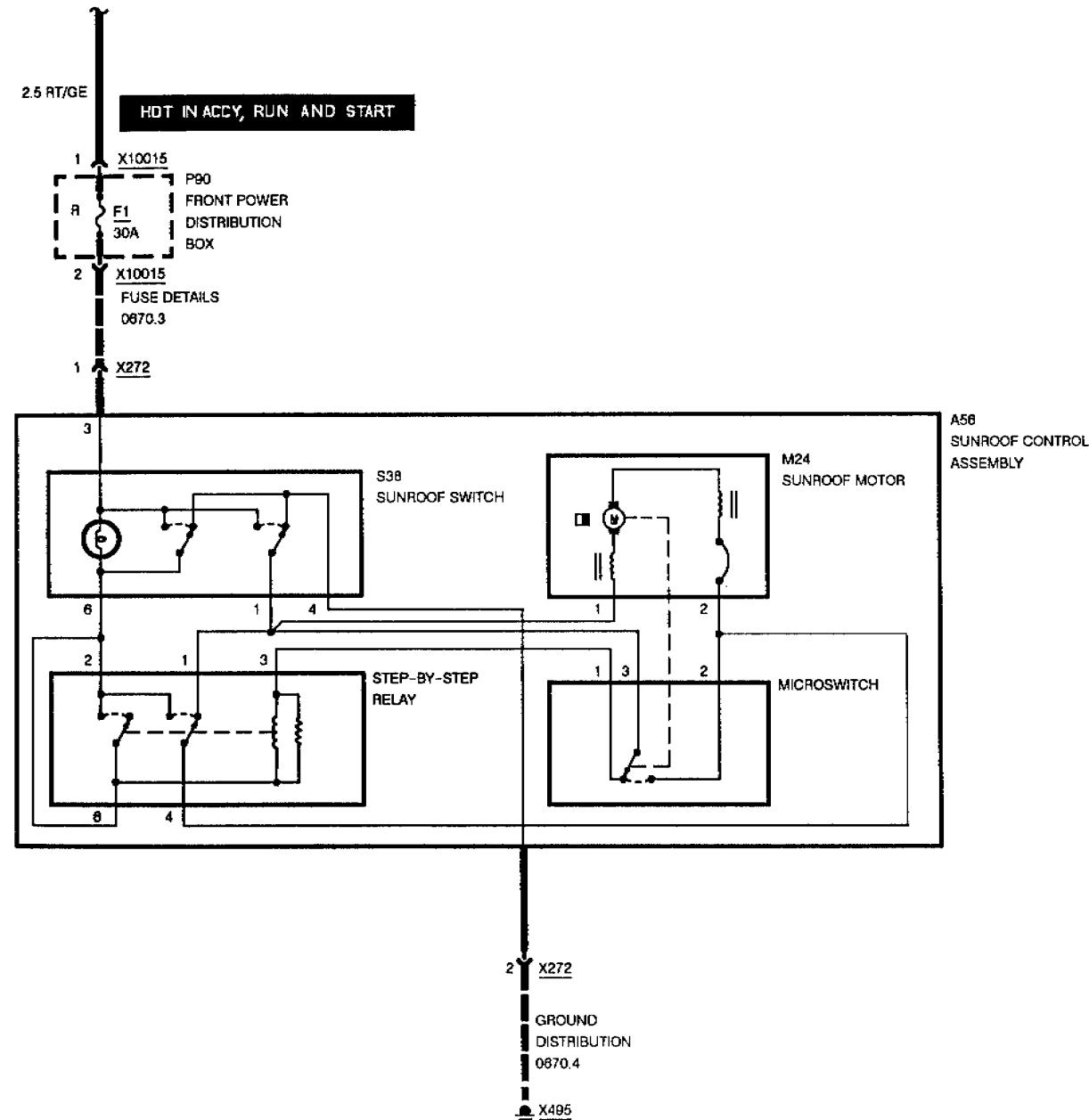
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5410.1





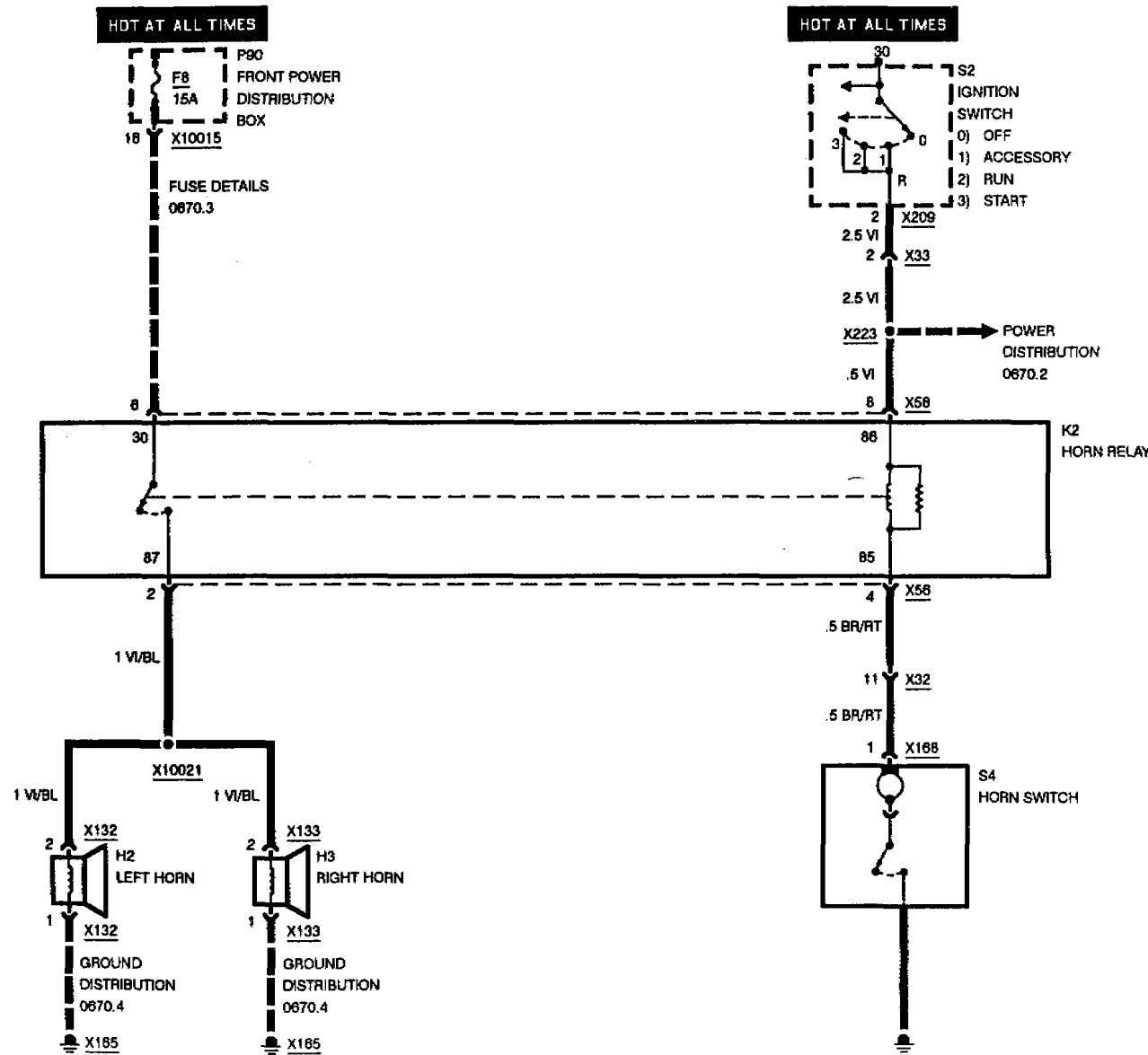


HORN

11/92

6133.0-00

1992



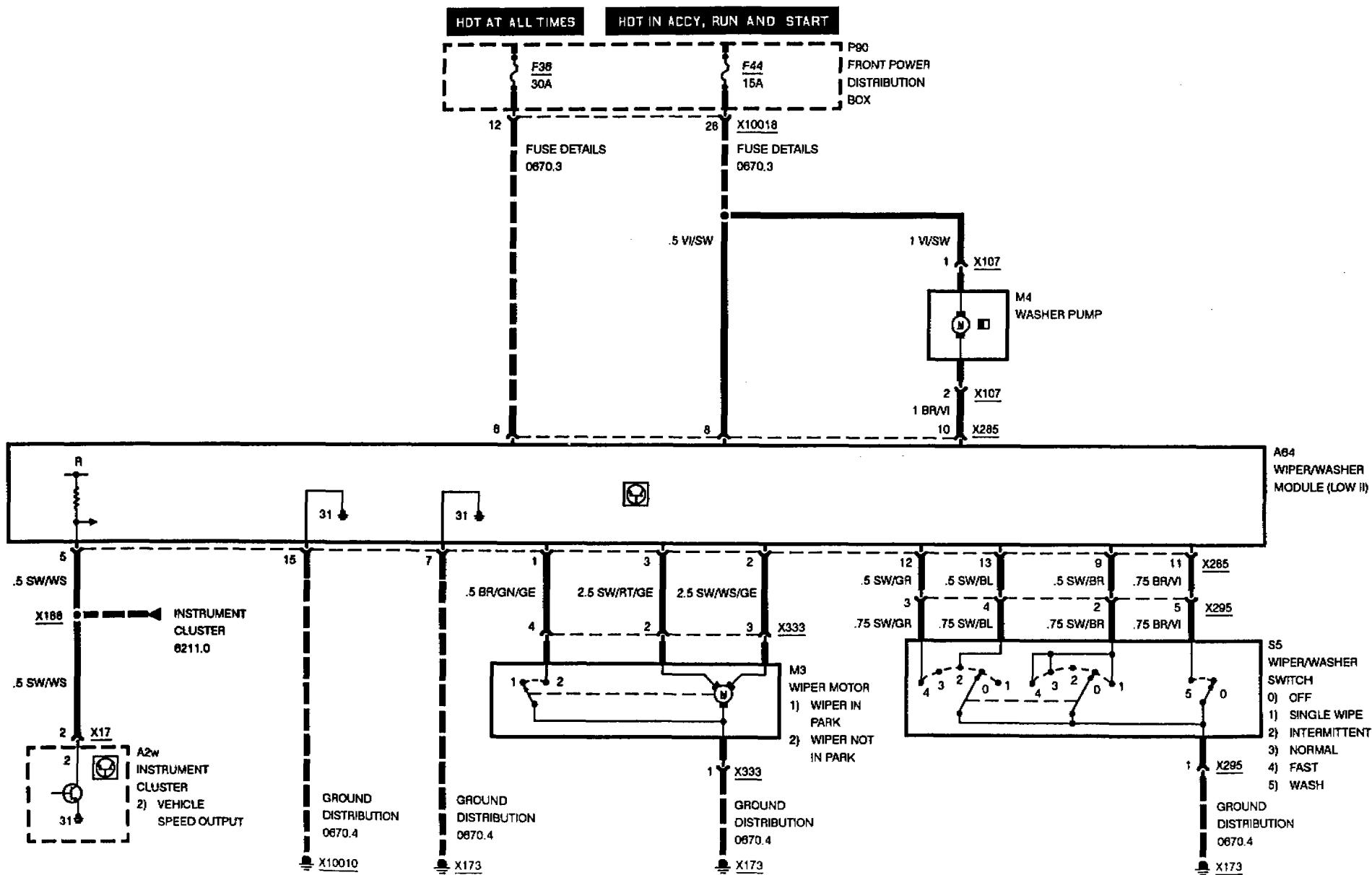


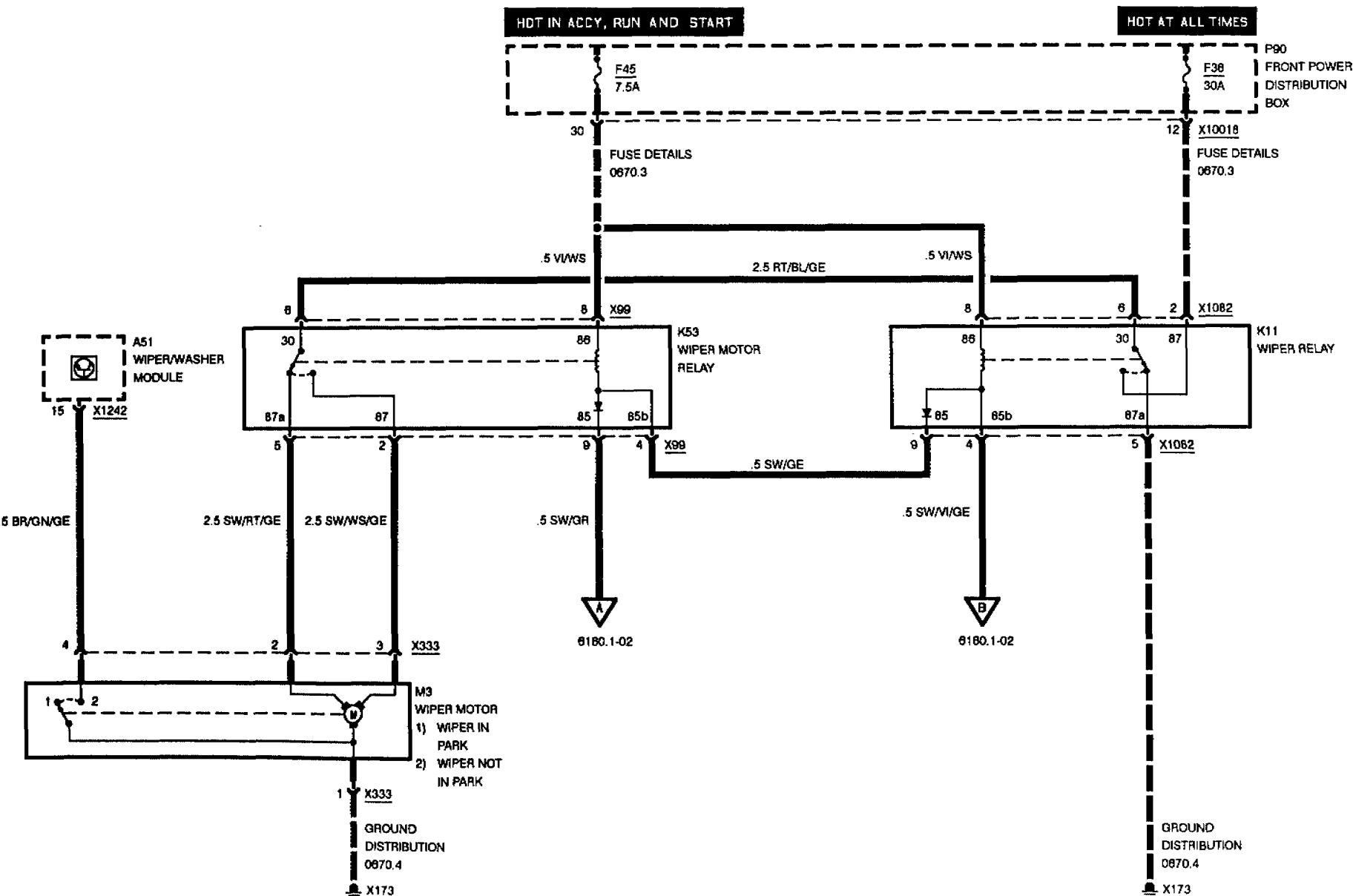
6160.1

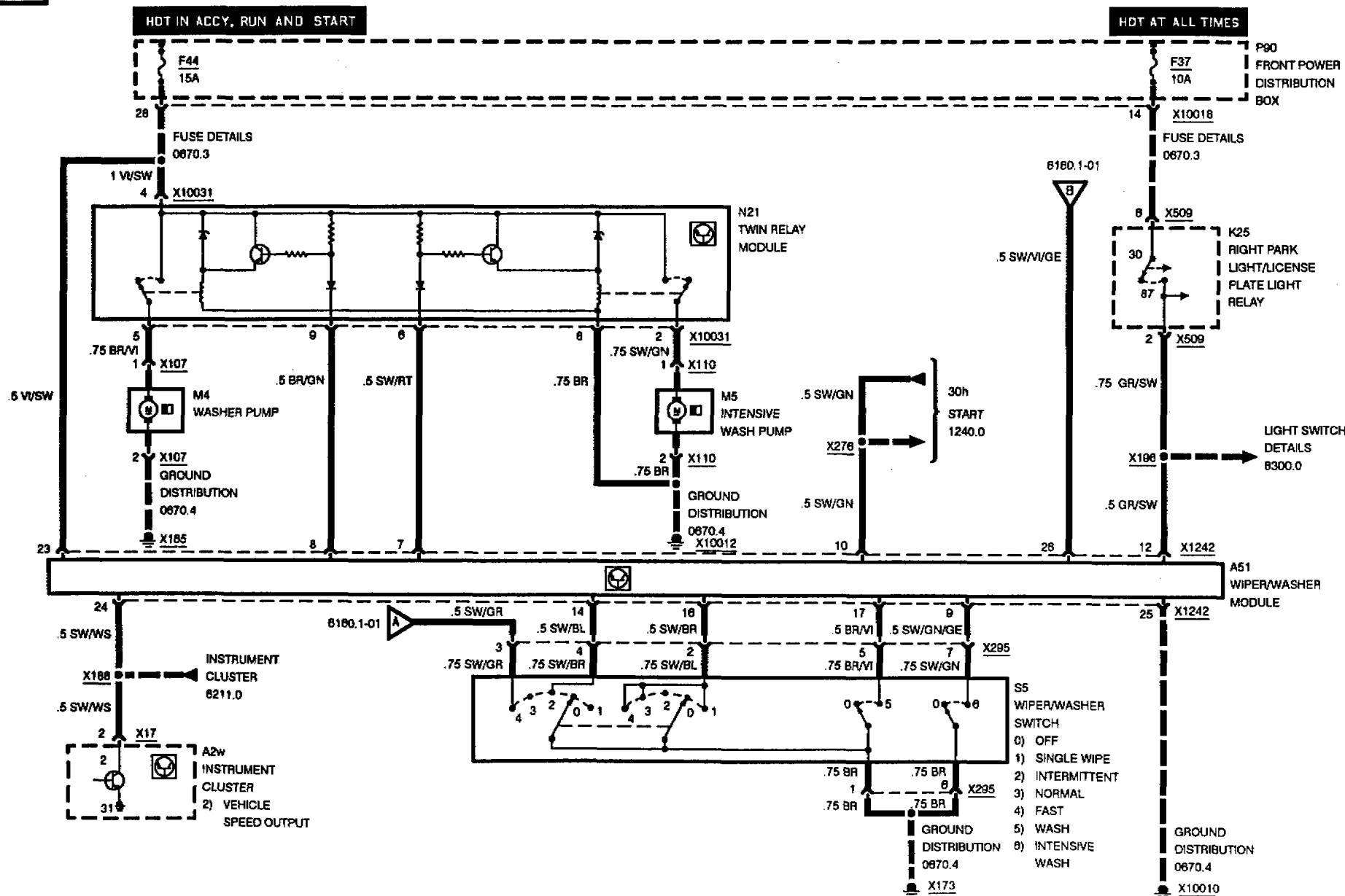


WIPER/ WASHER MODULE (WWM)

USA







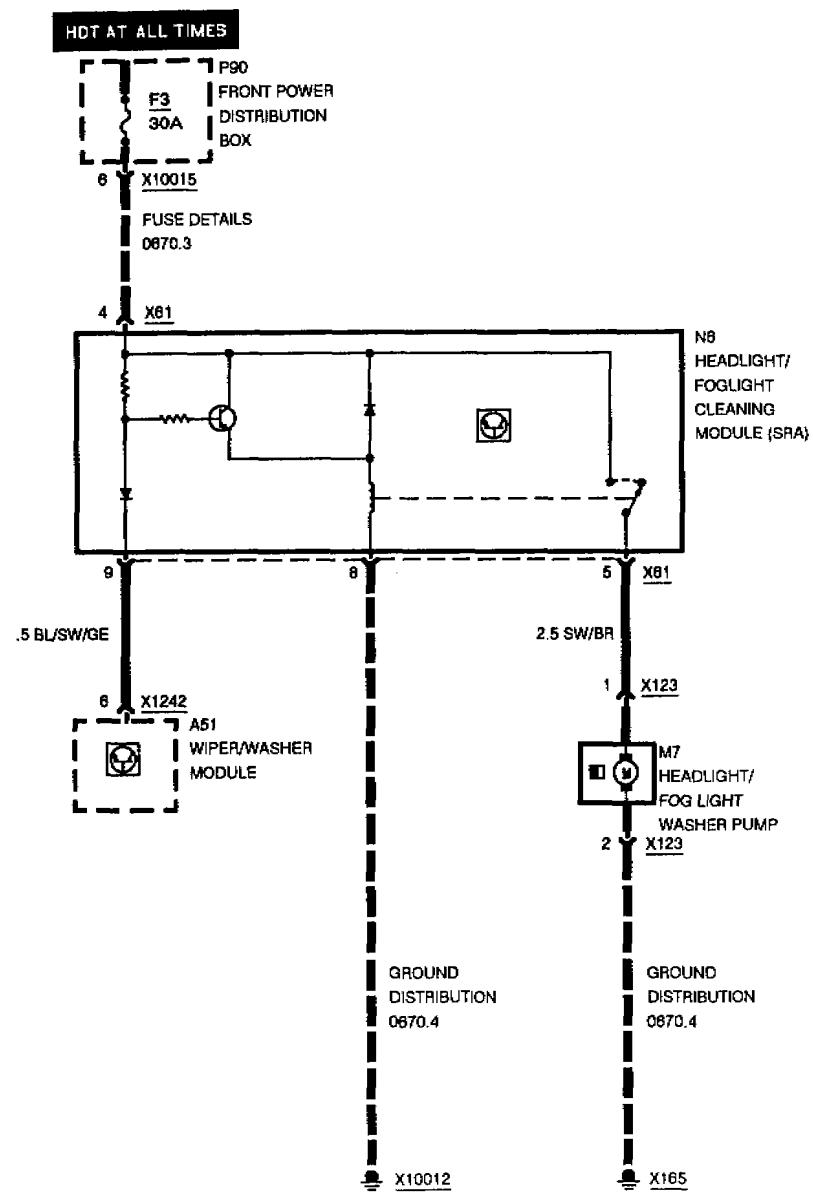


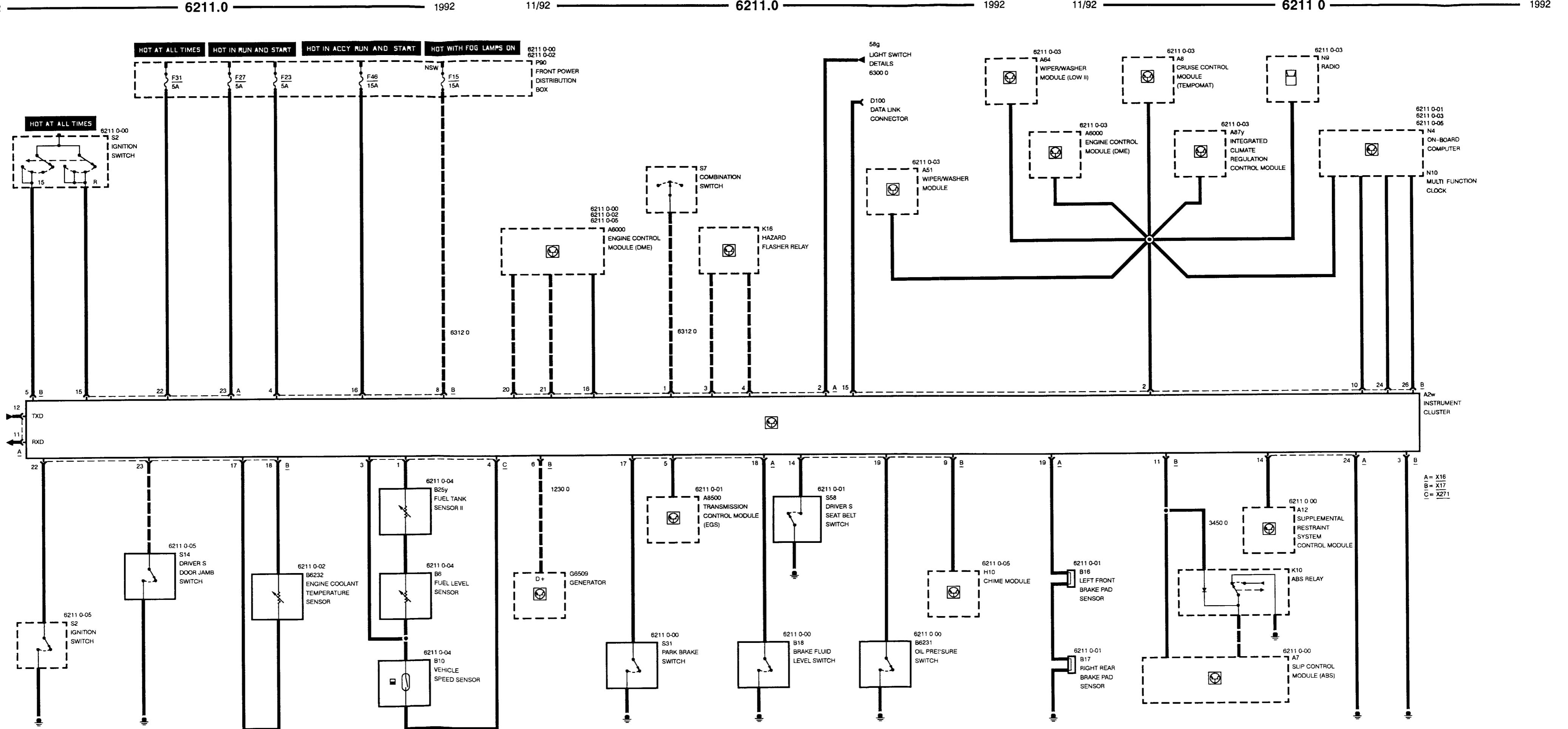
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6167.1







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6211.0



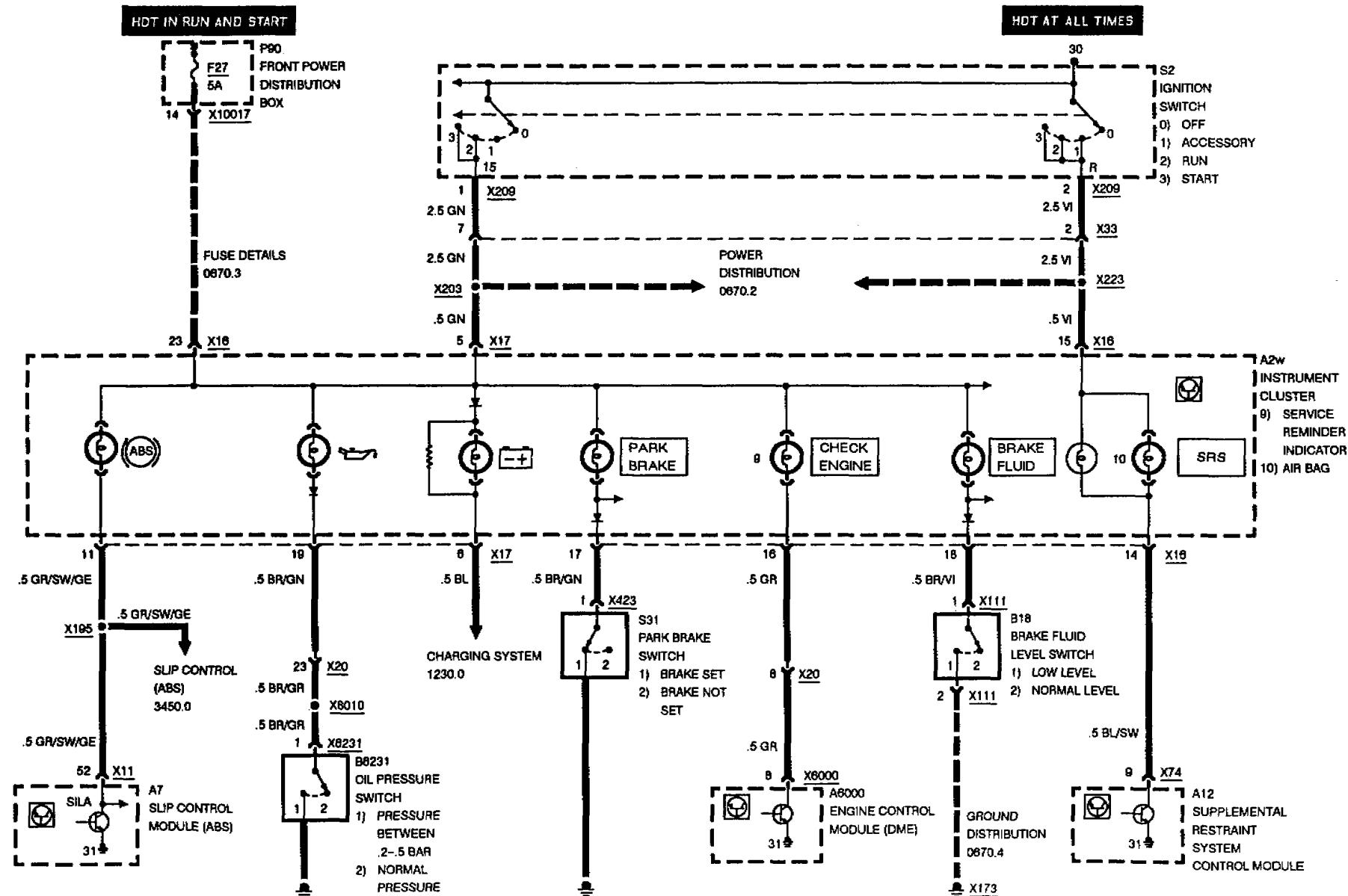
INSTRUMENT CLUSTER

INDICATORS

11/92

6211.0-00

1992



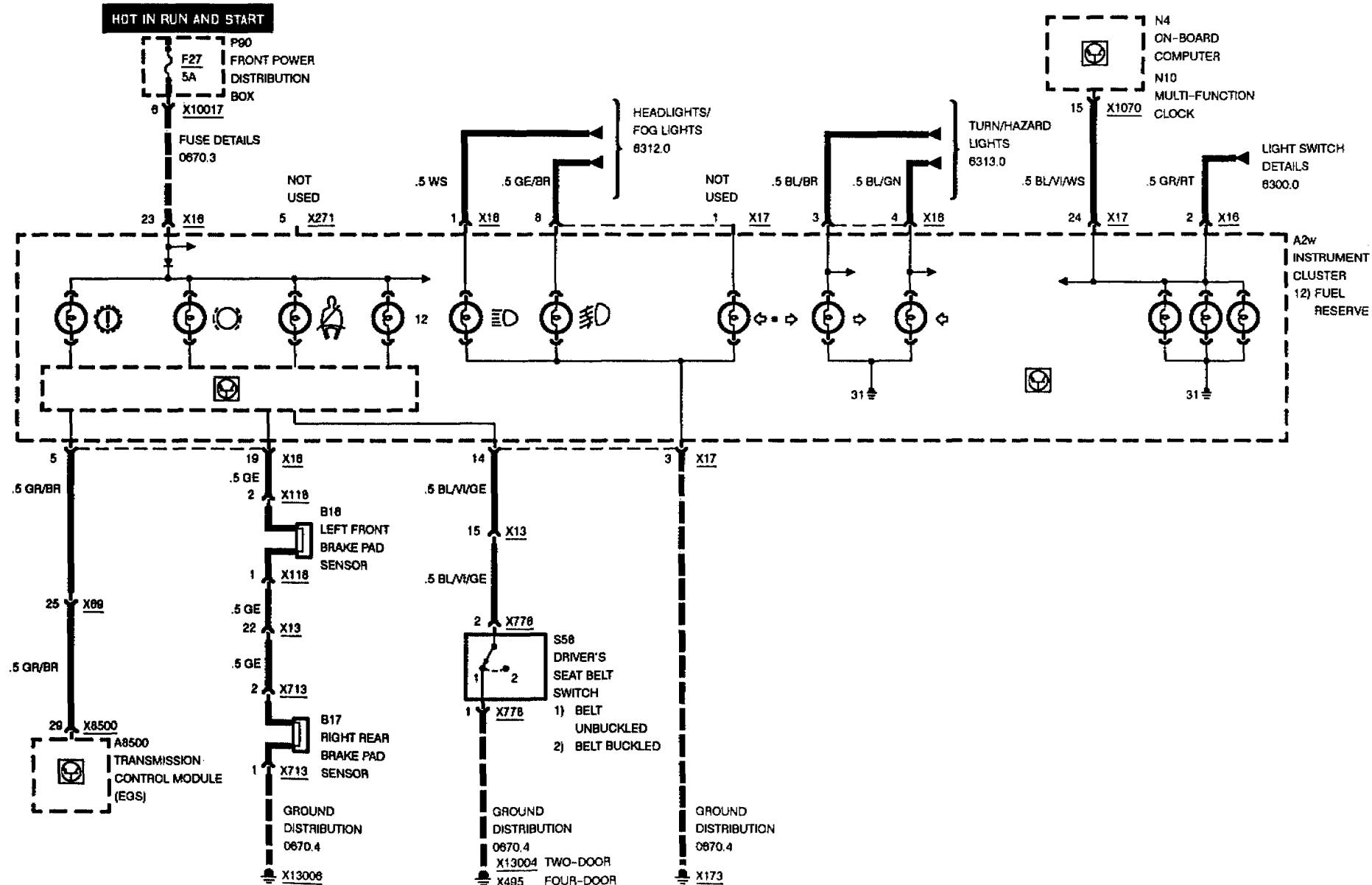


INSTRUMENT CLUSTER

INDICATORS

11/92

6211.0-01

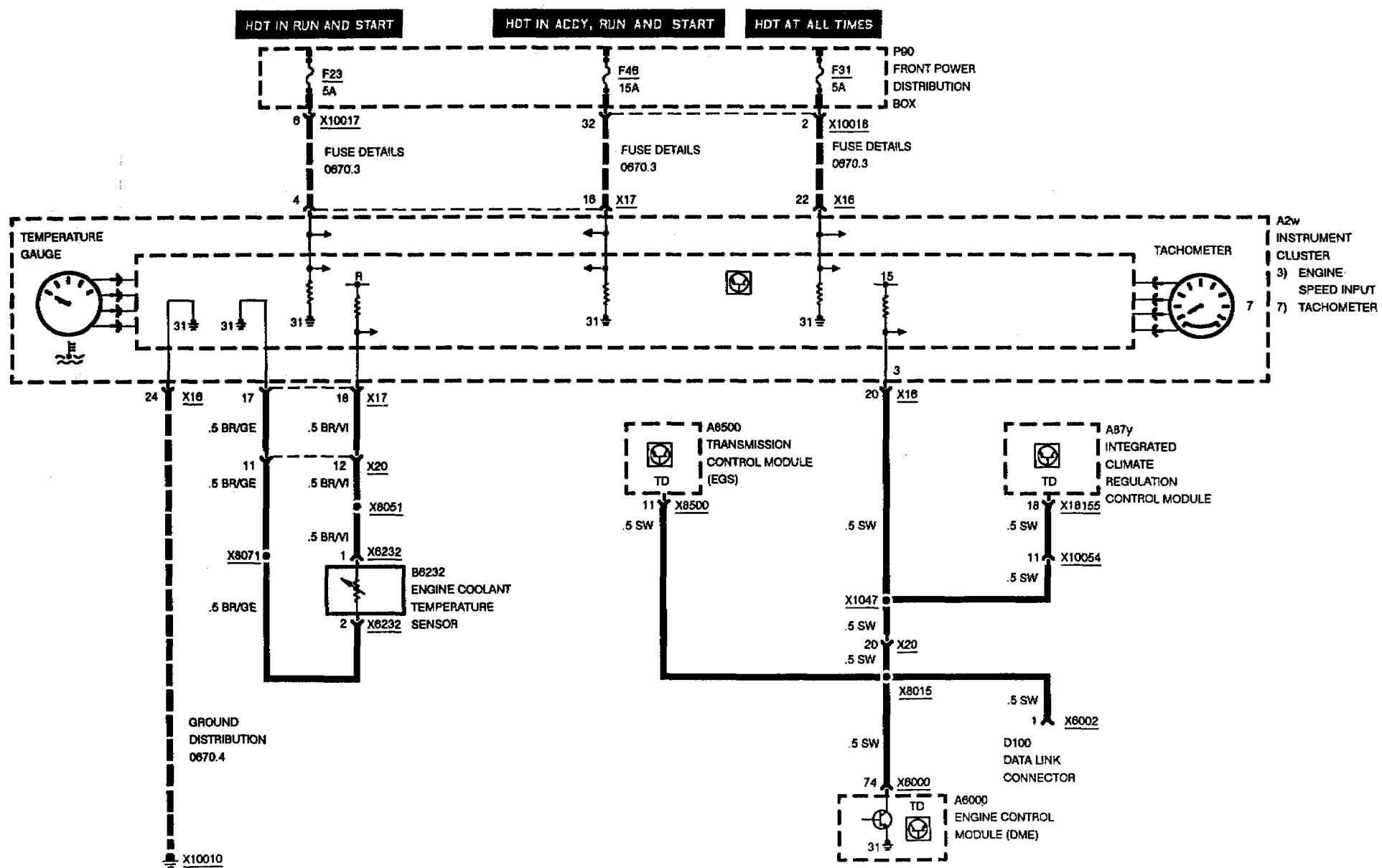


1992



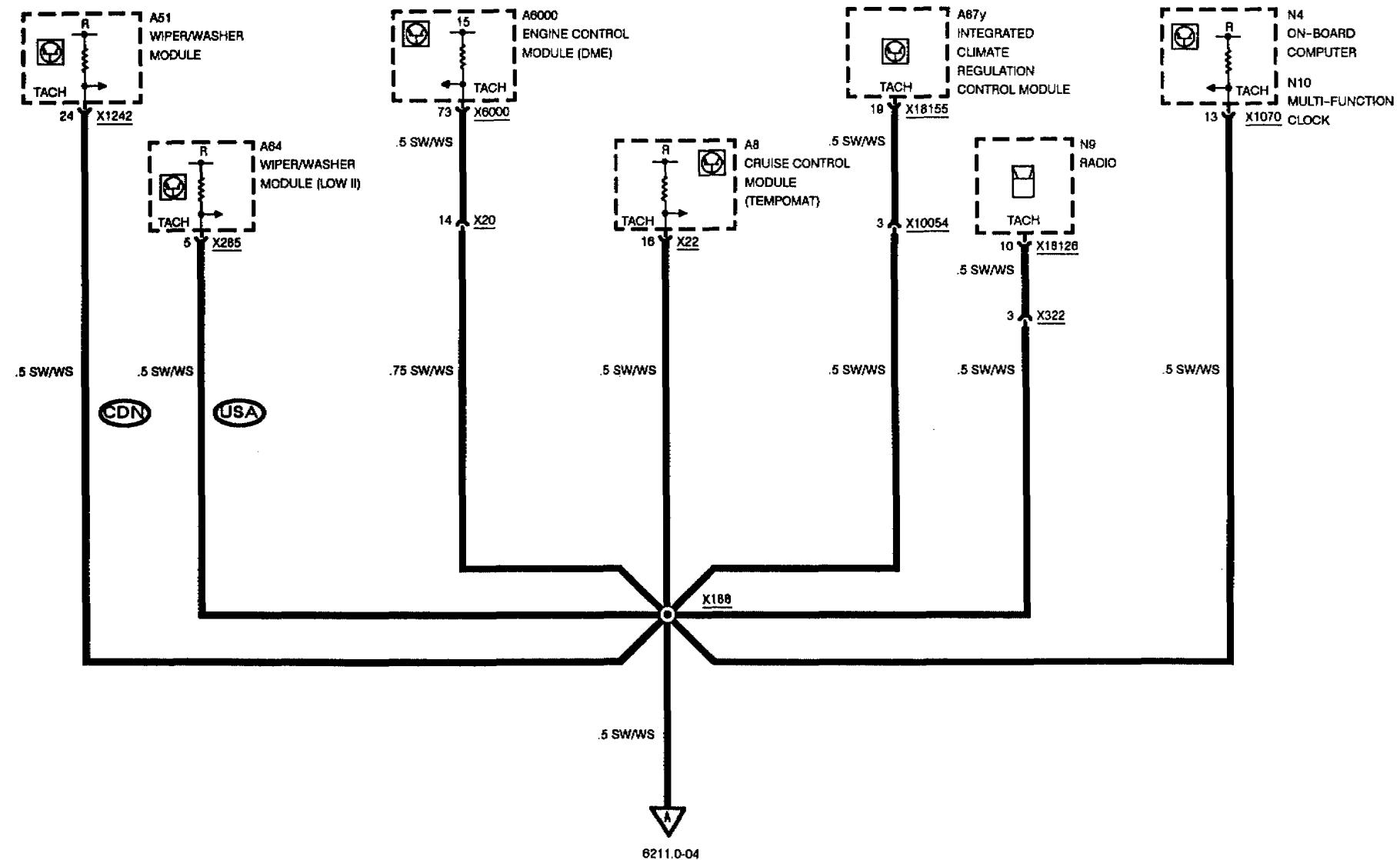
INSTRUMENT CLUSTER

INDICATORS



INSTRUMENT CLUSTER

SIGNAL-OUTPUT SPEEDOMETER



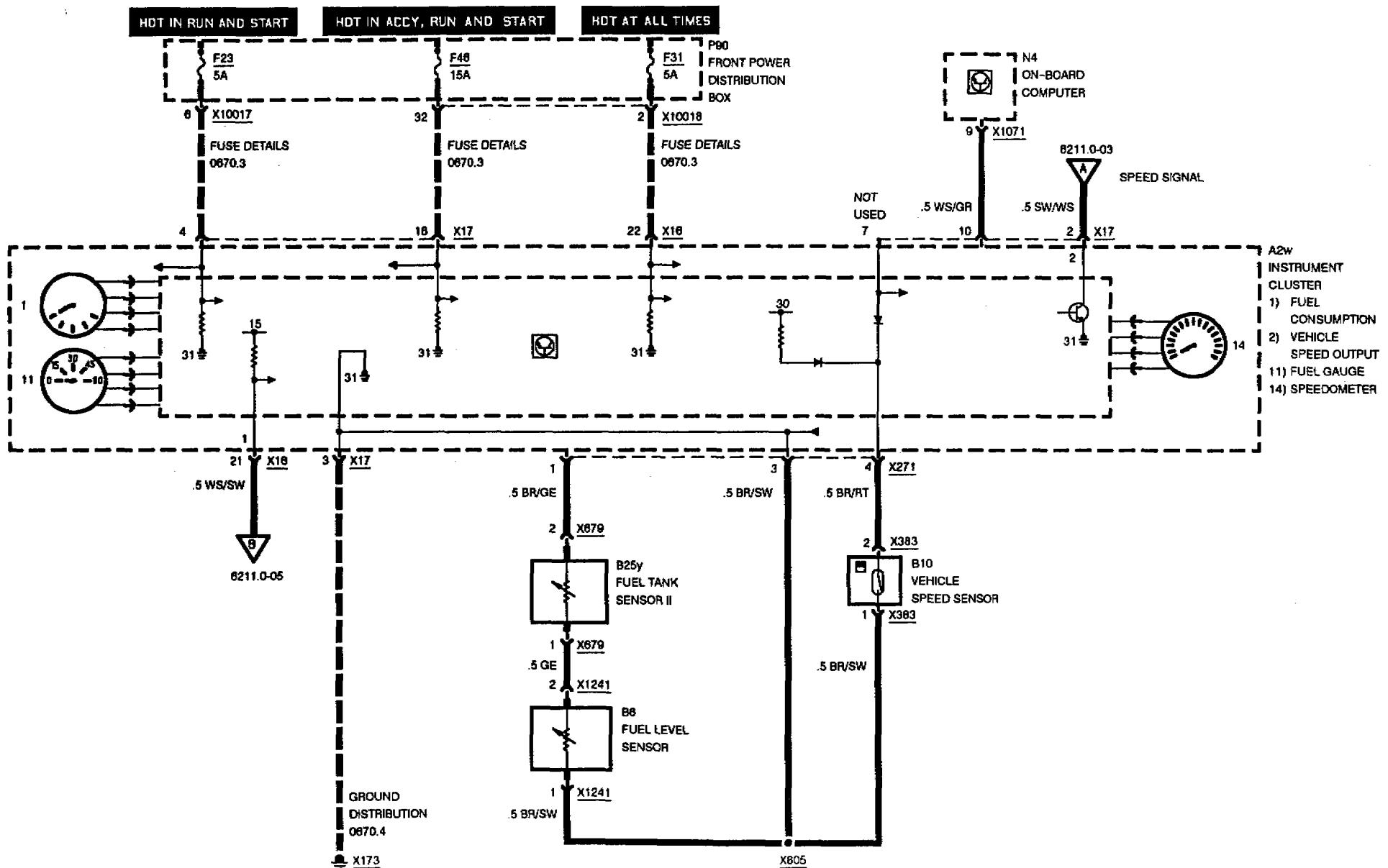


INSTRUMENT CLUSTER

INDICATORS

1/1/92

6211.0-04

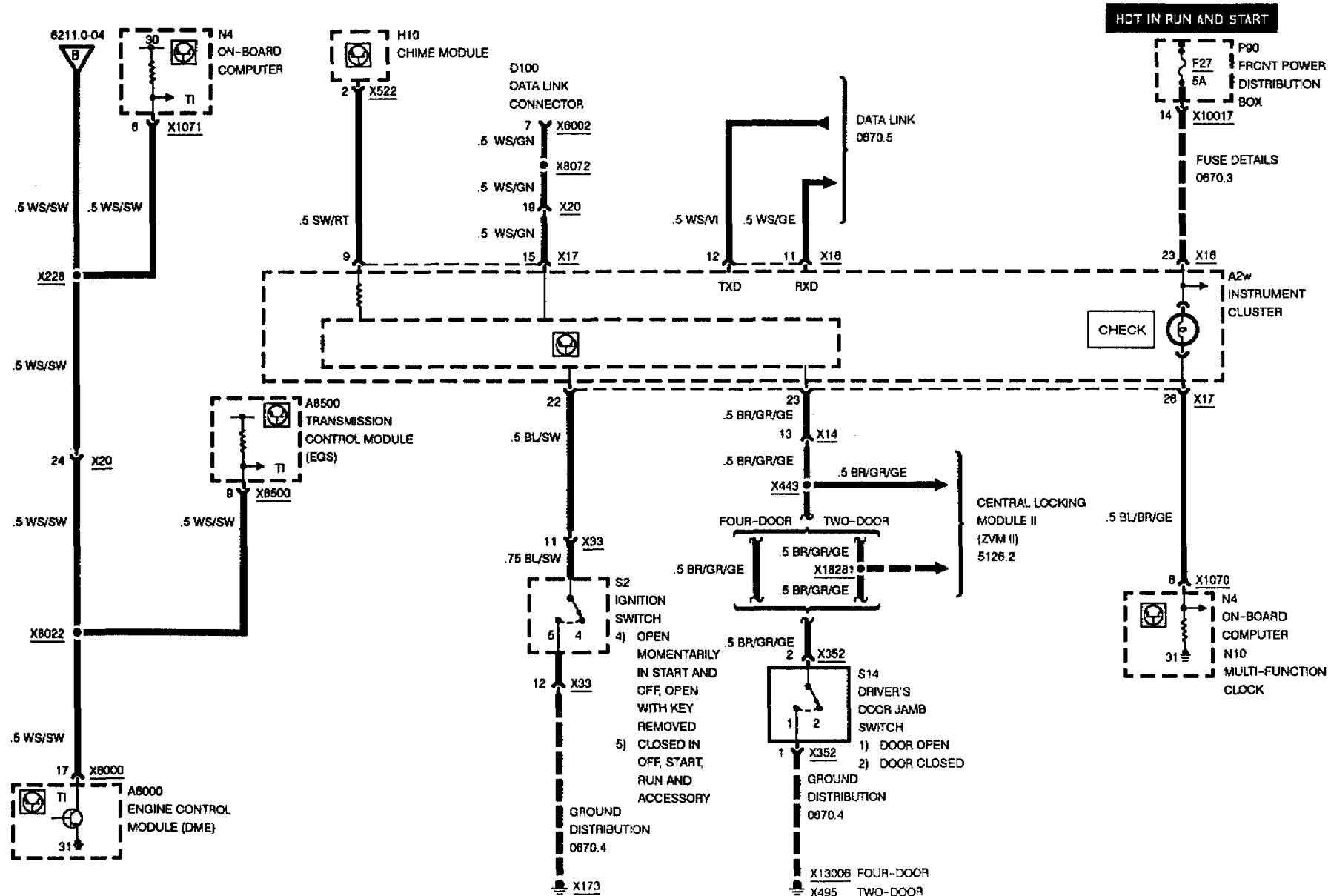


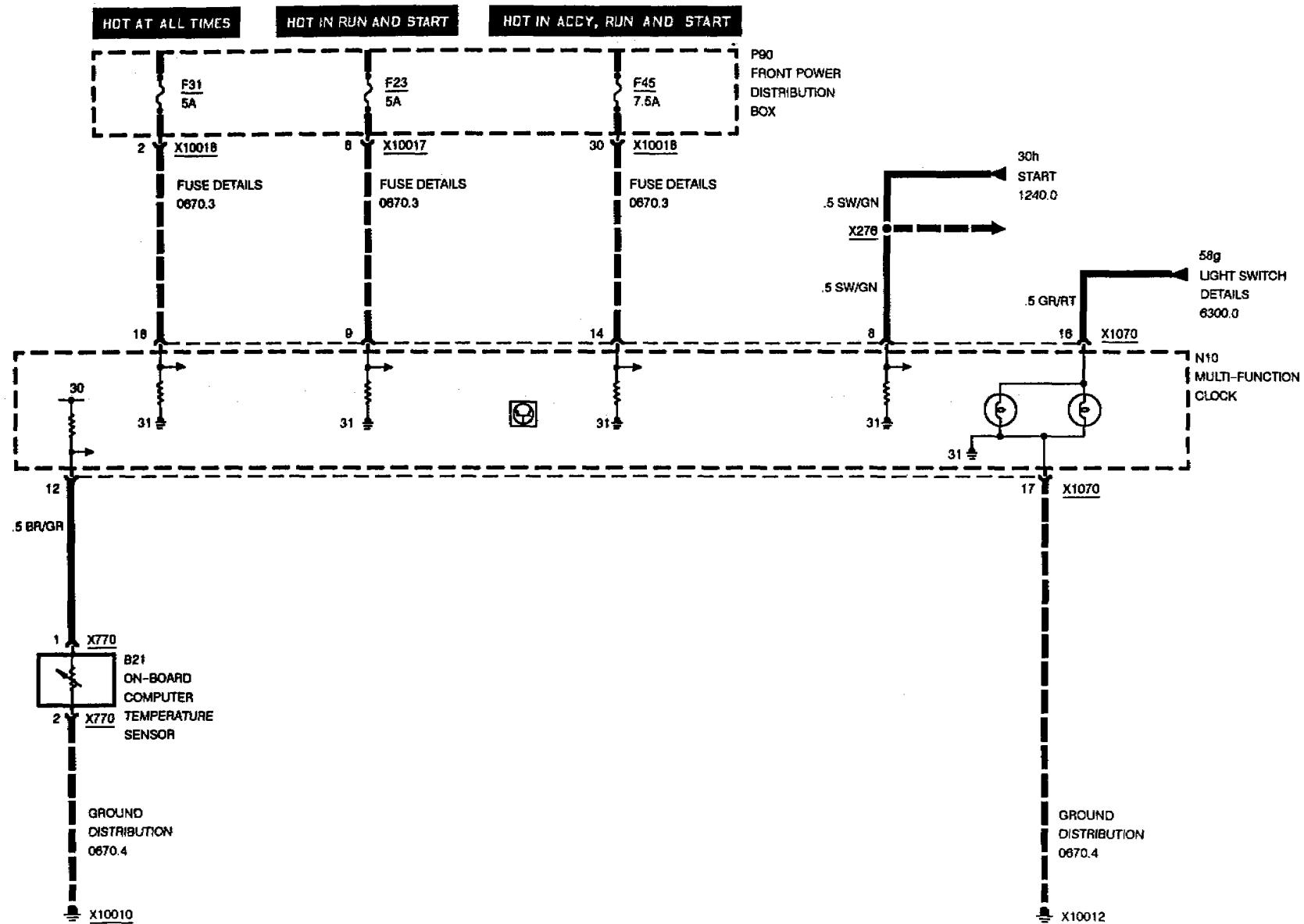
1992



INSTRUMENT CLUSTER

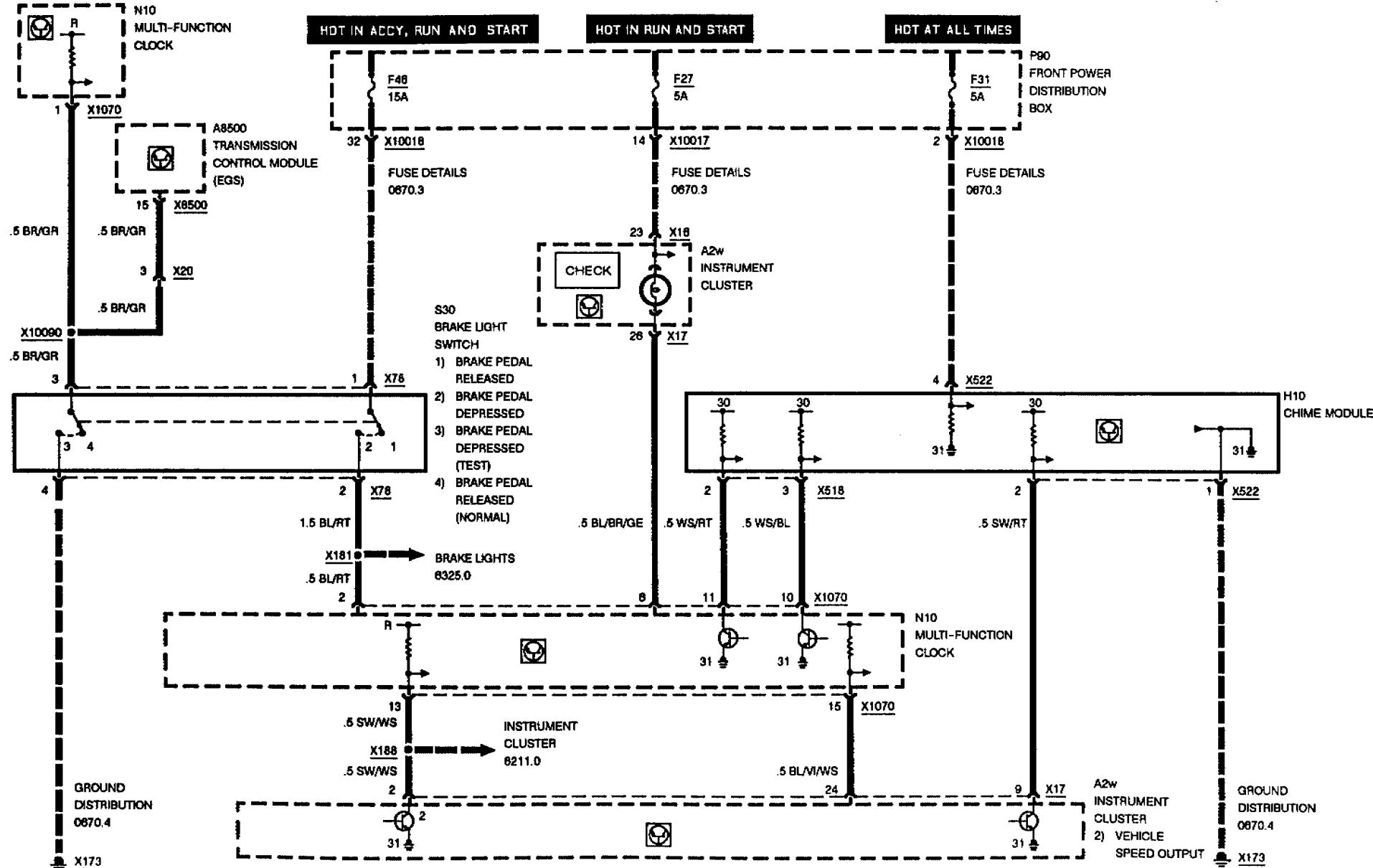
INDICATORS

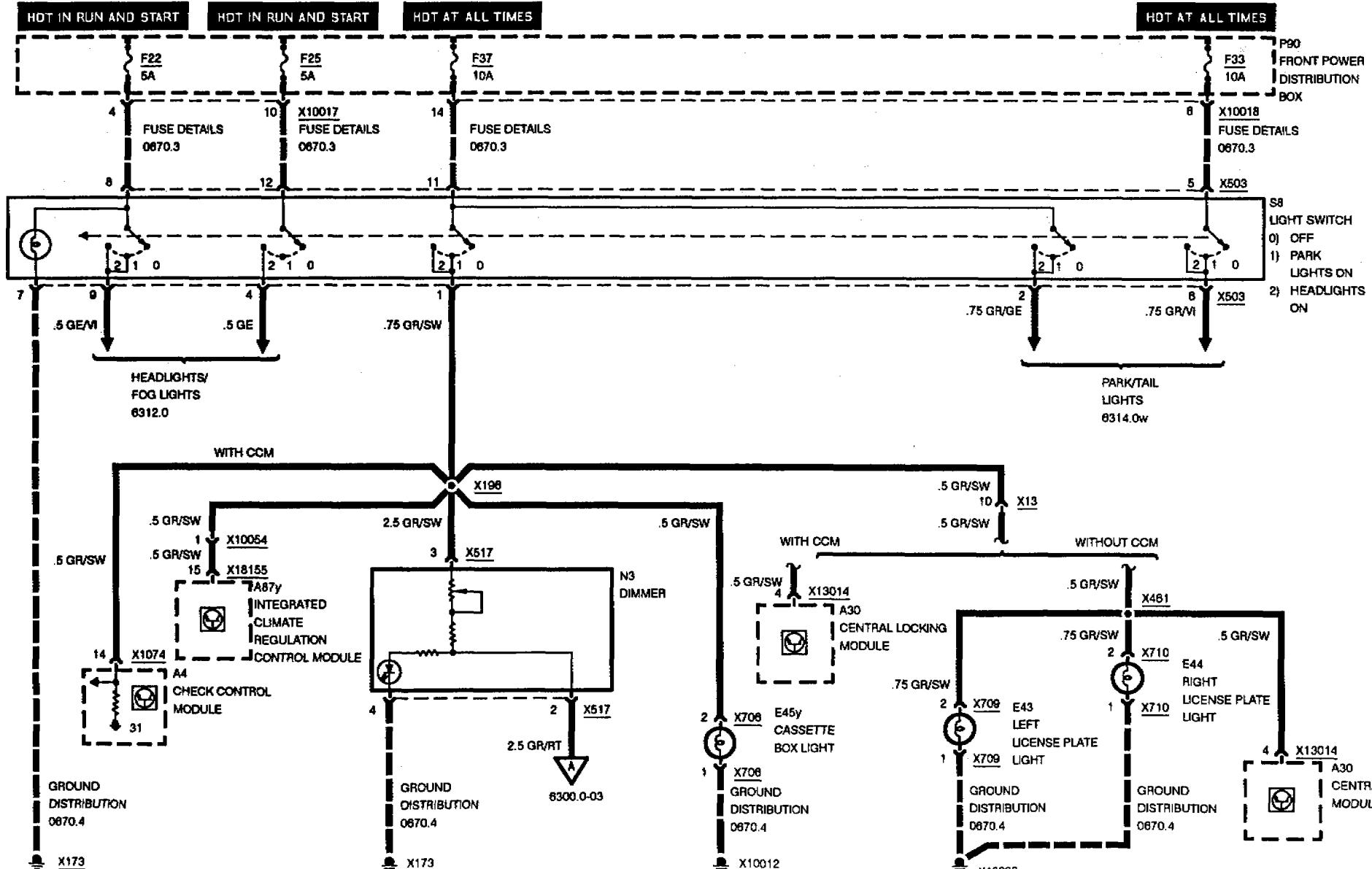




MULTI-FUNCTION CLOCK

CHIME, BRAKE LIGHT SWITCH



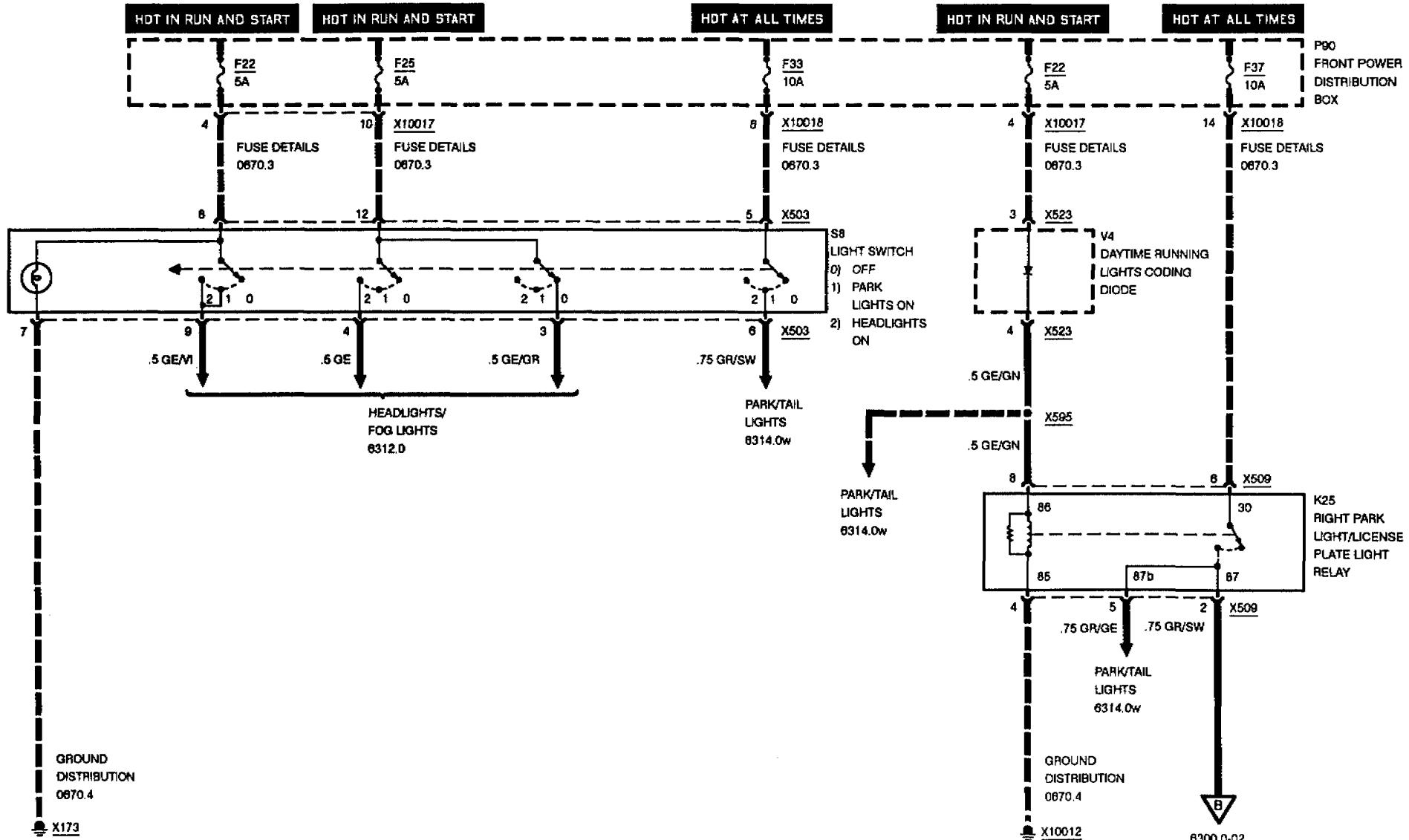


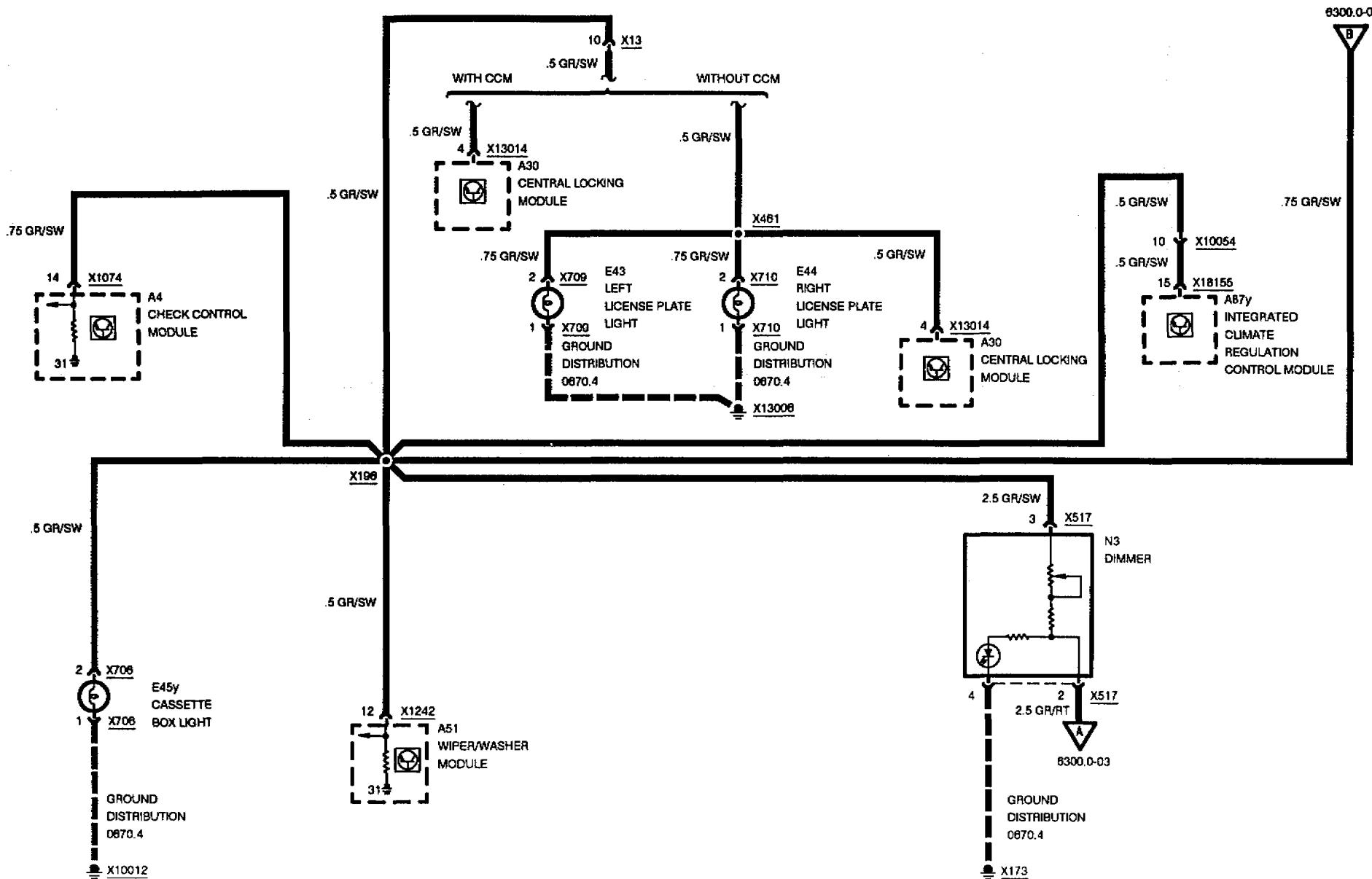


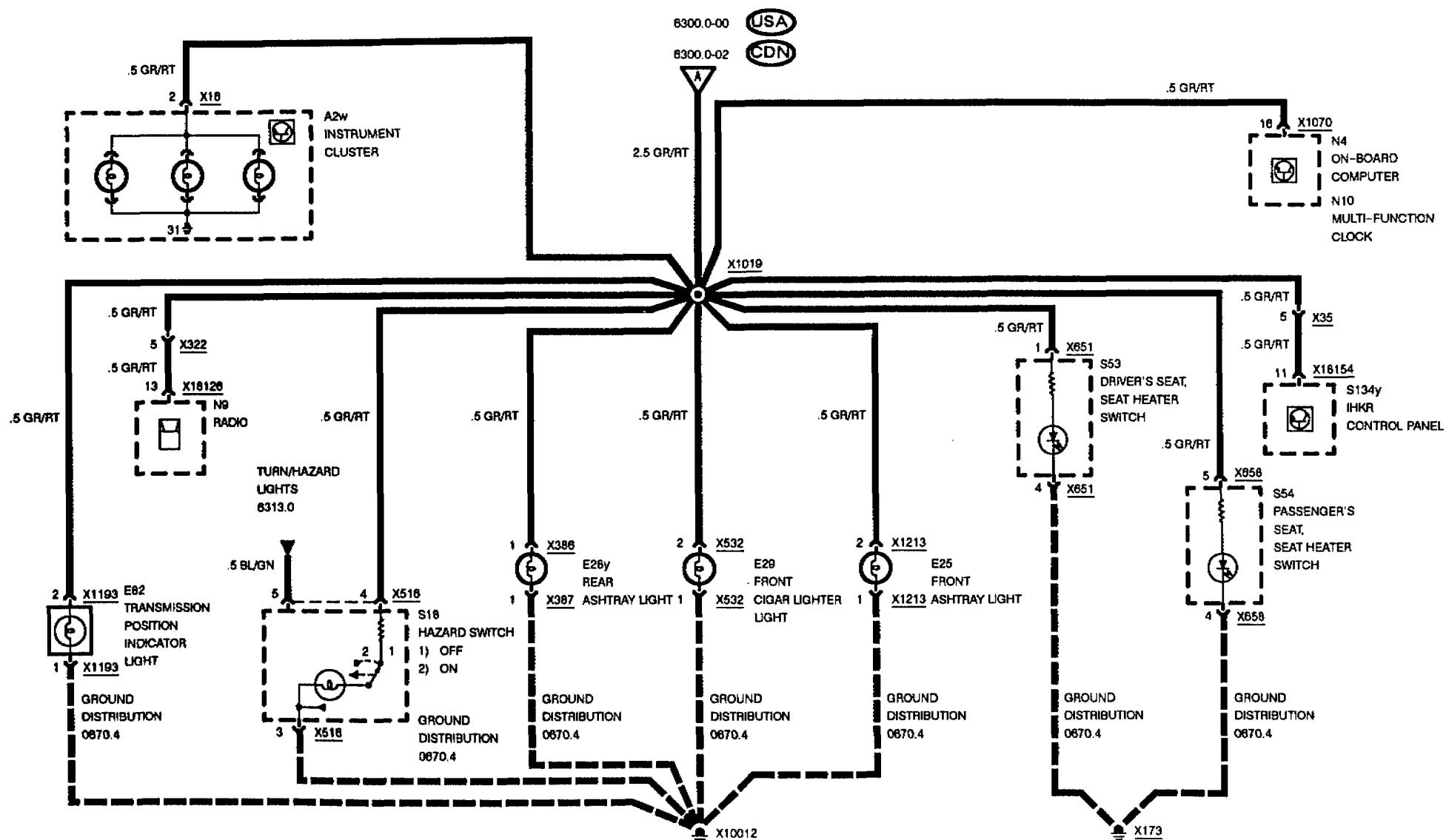
LIGHT SWITCH DETAILS

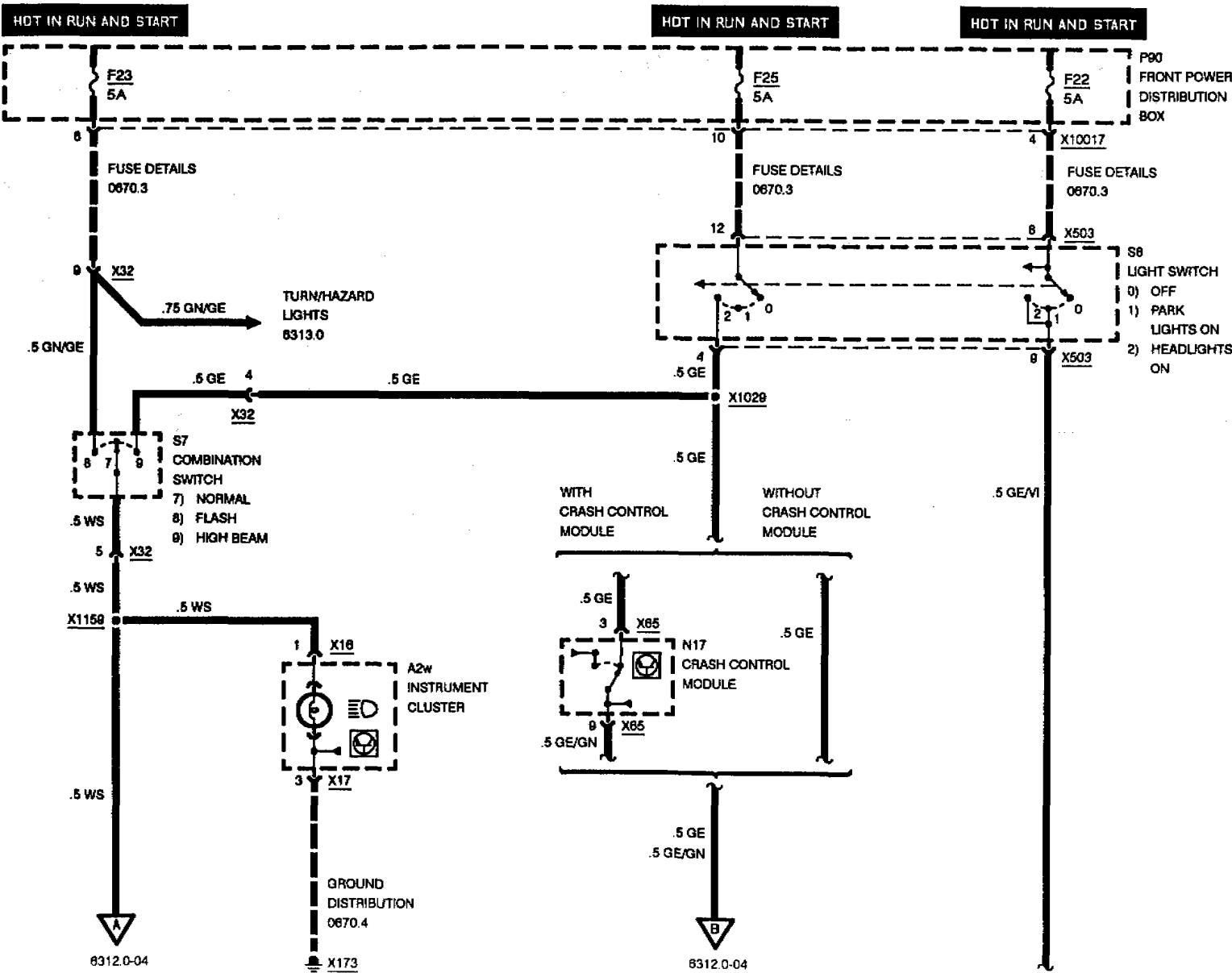
CDN

11/92

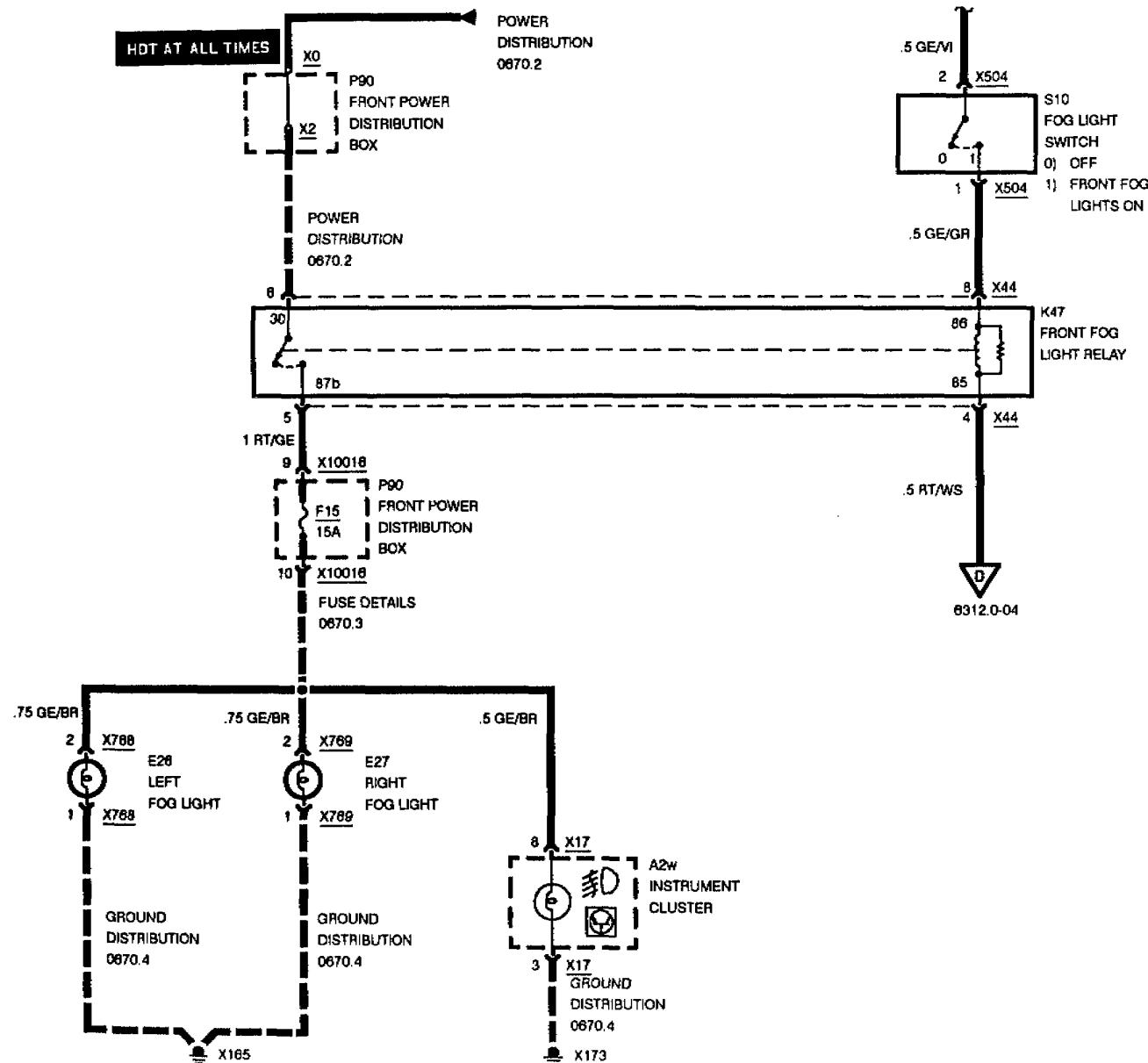








USA





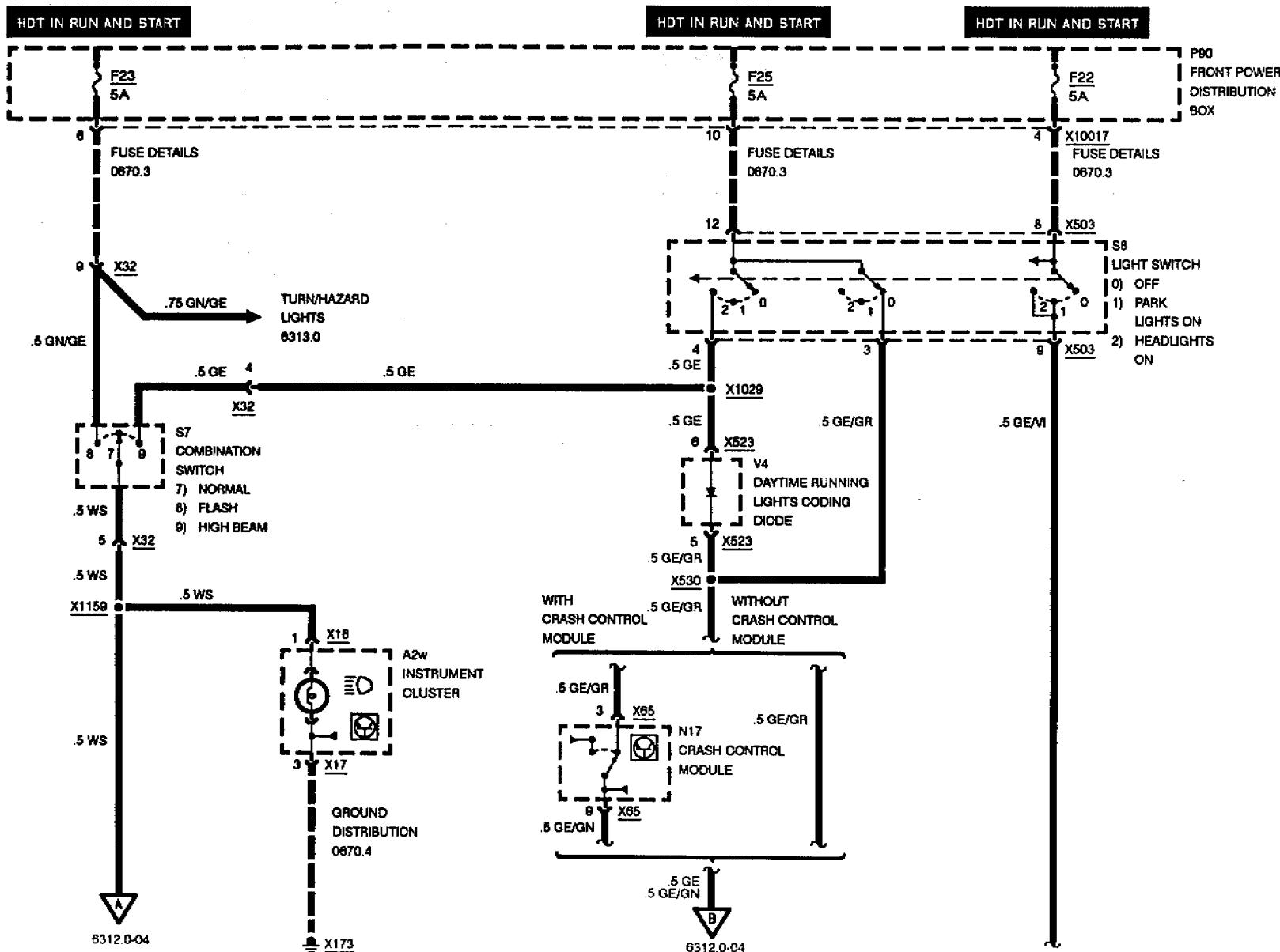
HEADLIGHTS/ FOG LIGHTS

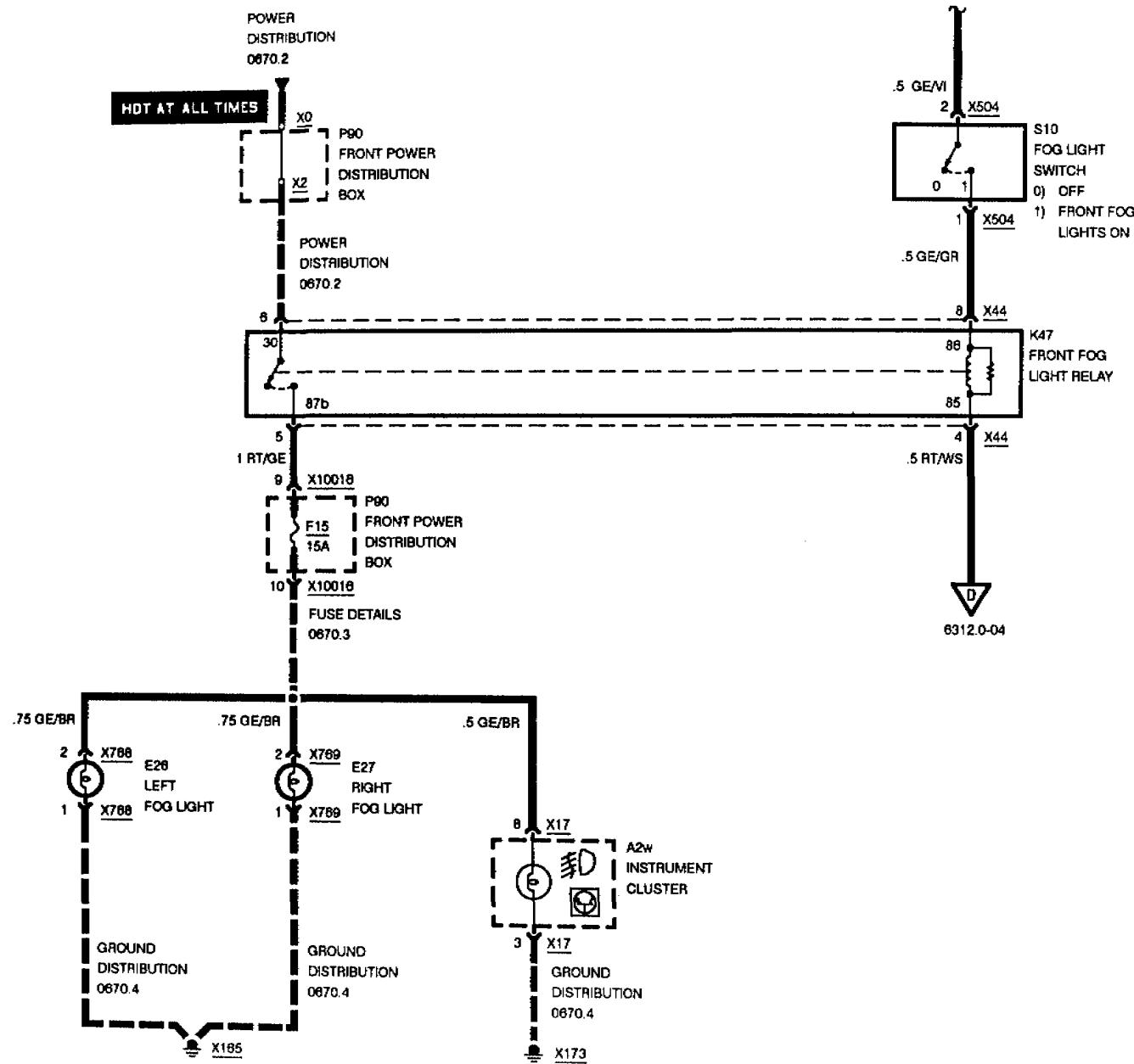


11/92

6312.0-02

1992





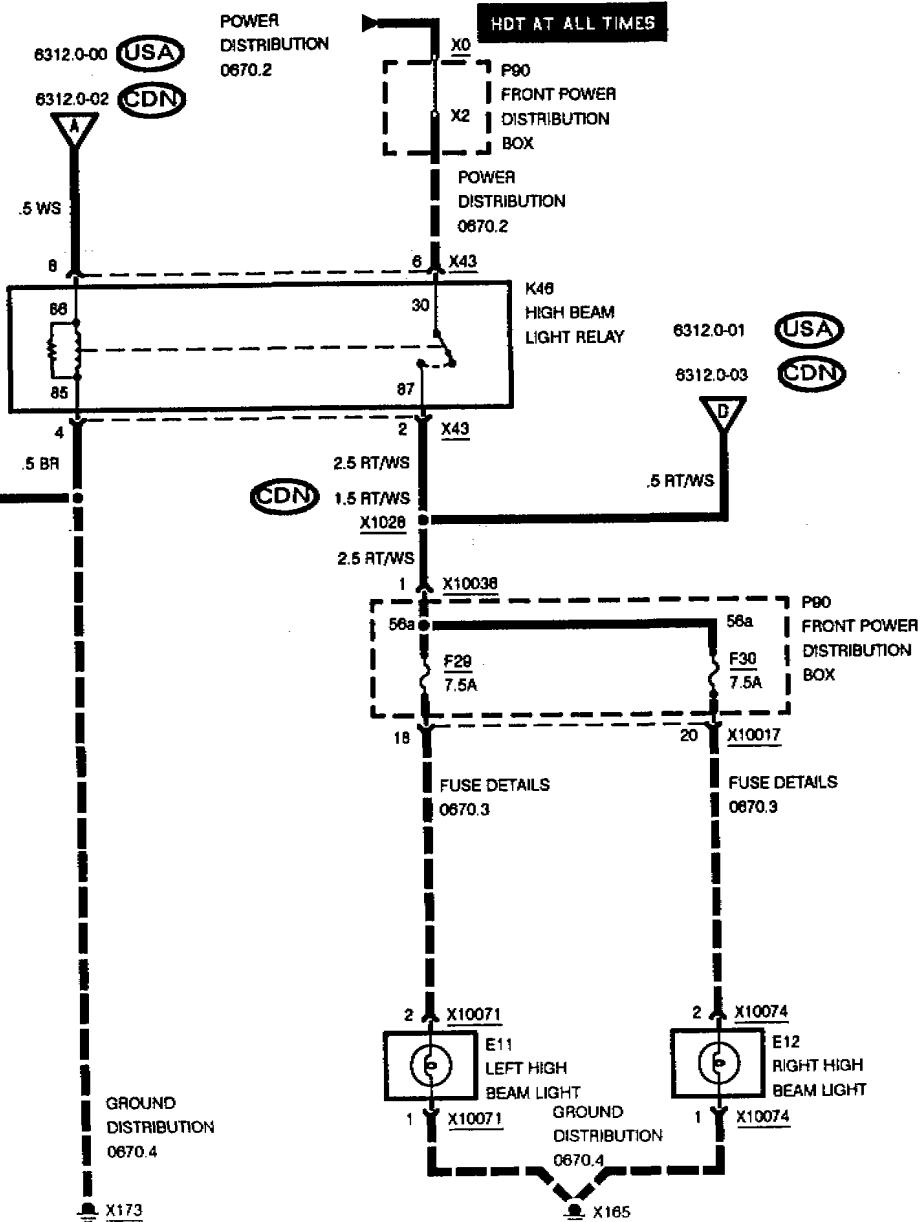
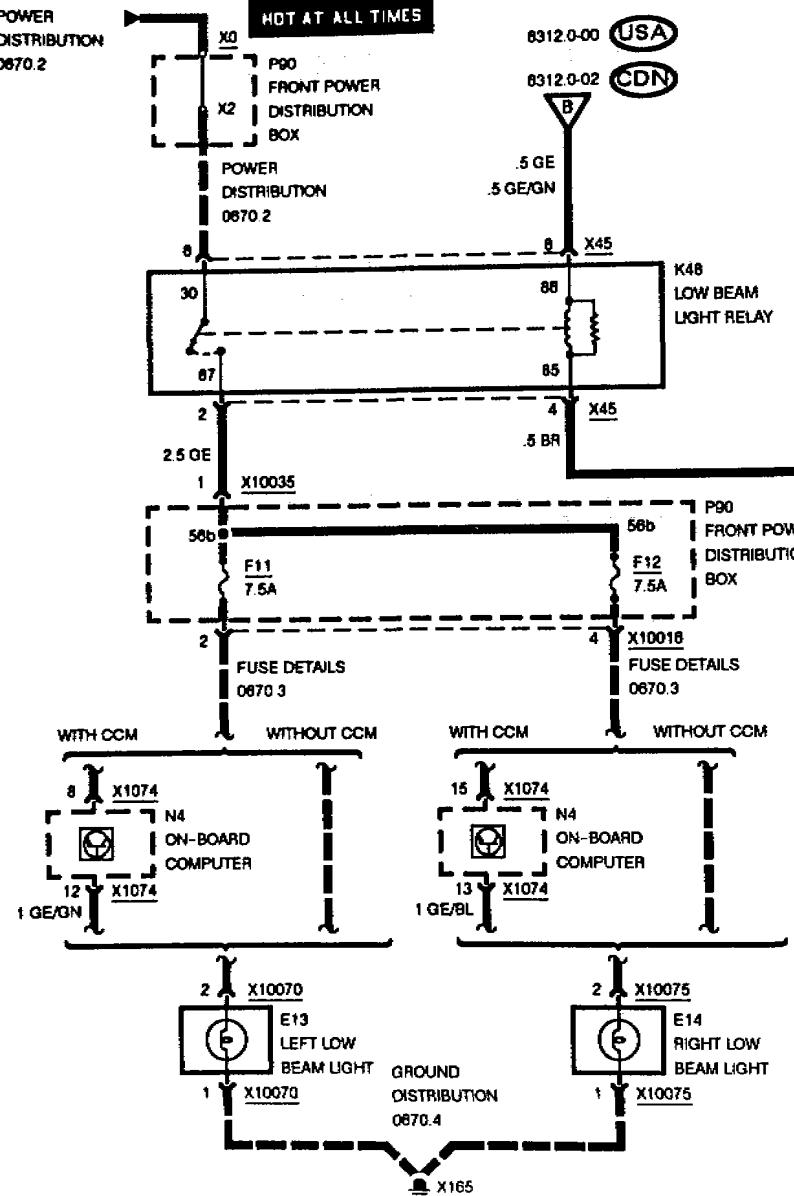


HEADLIGHTS/ FOG LIGHTS

11/92

6312.0-04

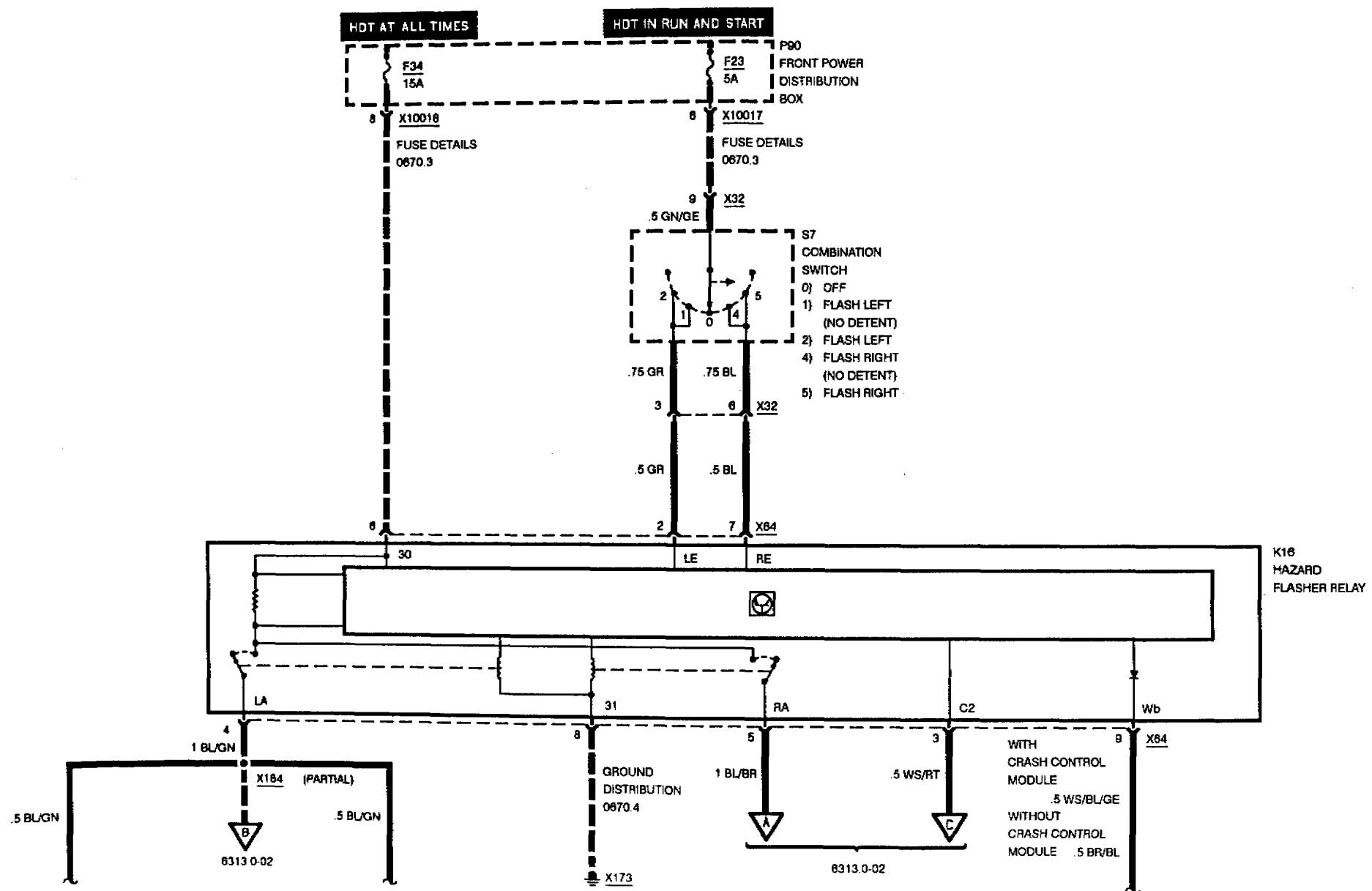
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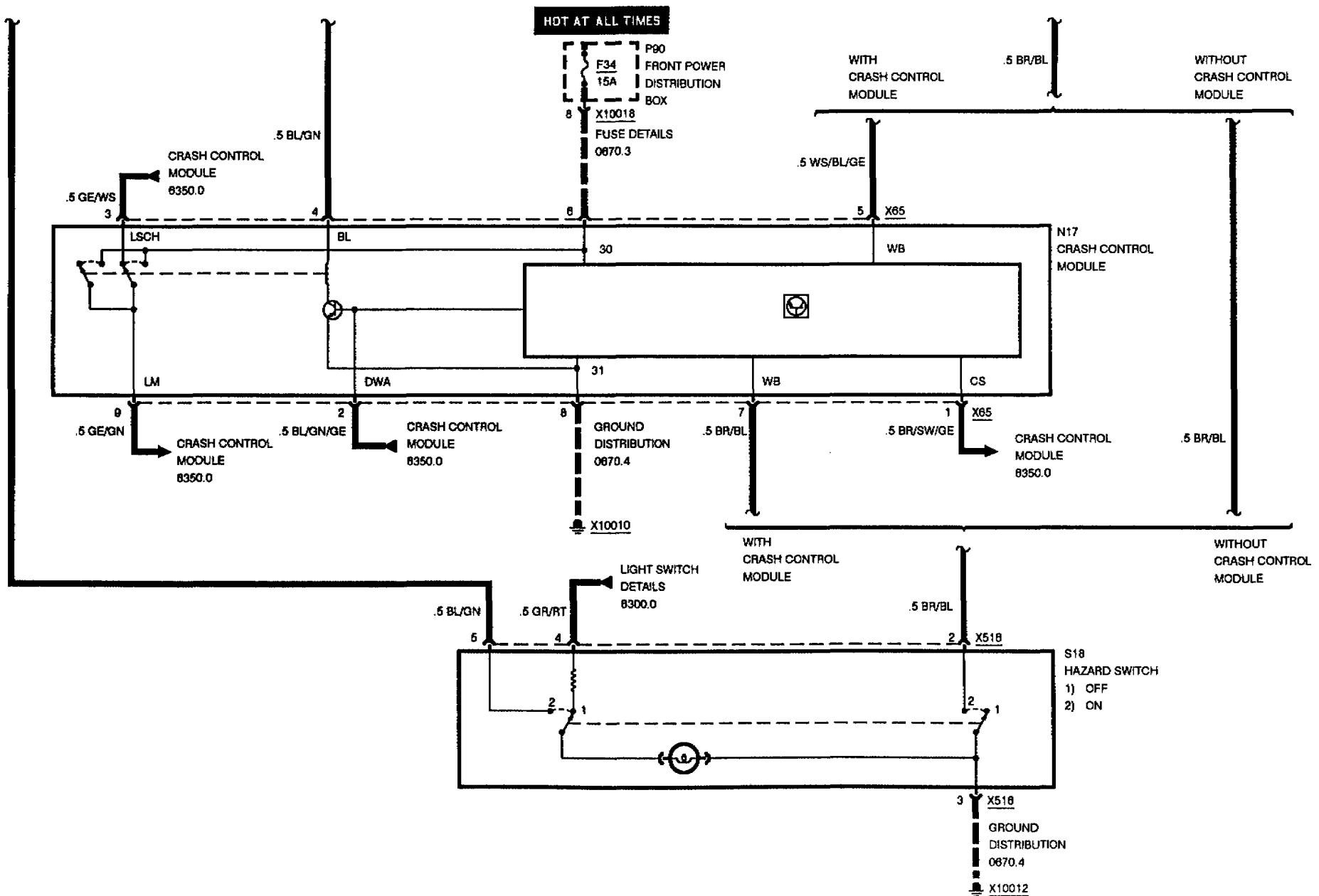




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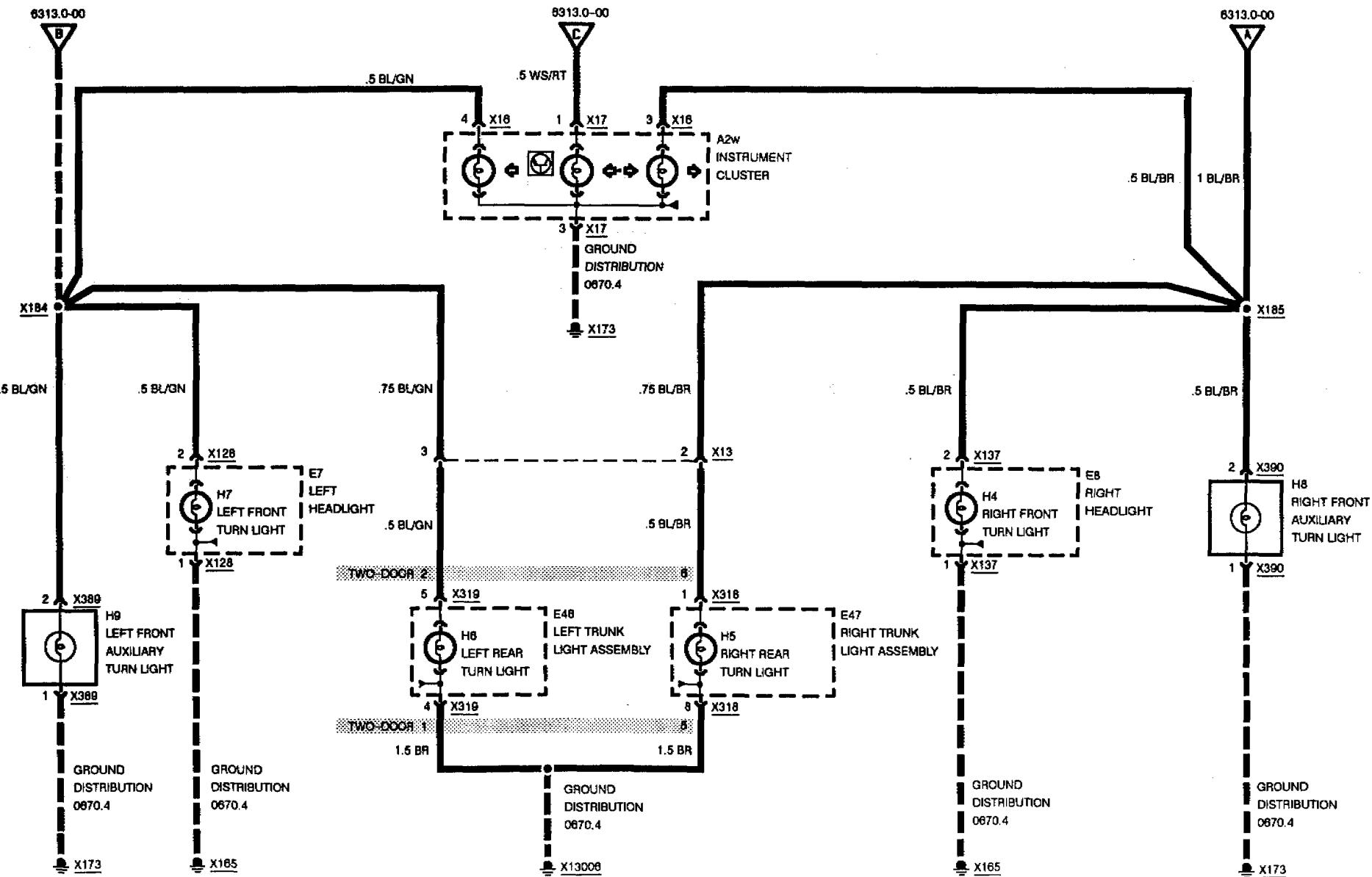
6313.0 —







TURN/HAZARD LIGHTS





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6314.0



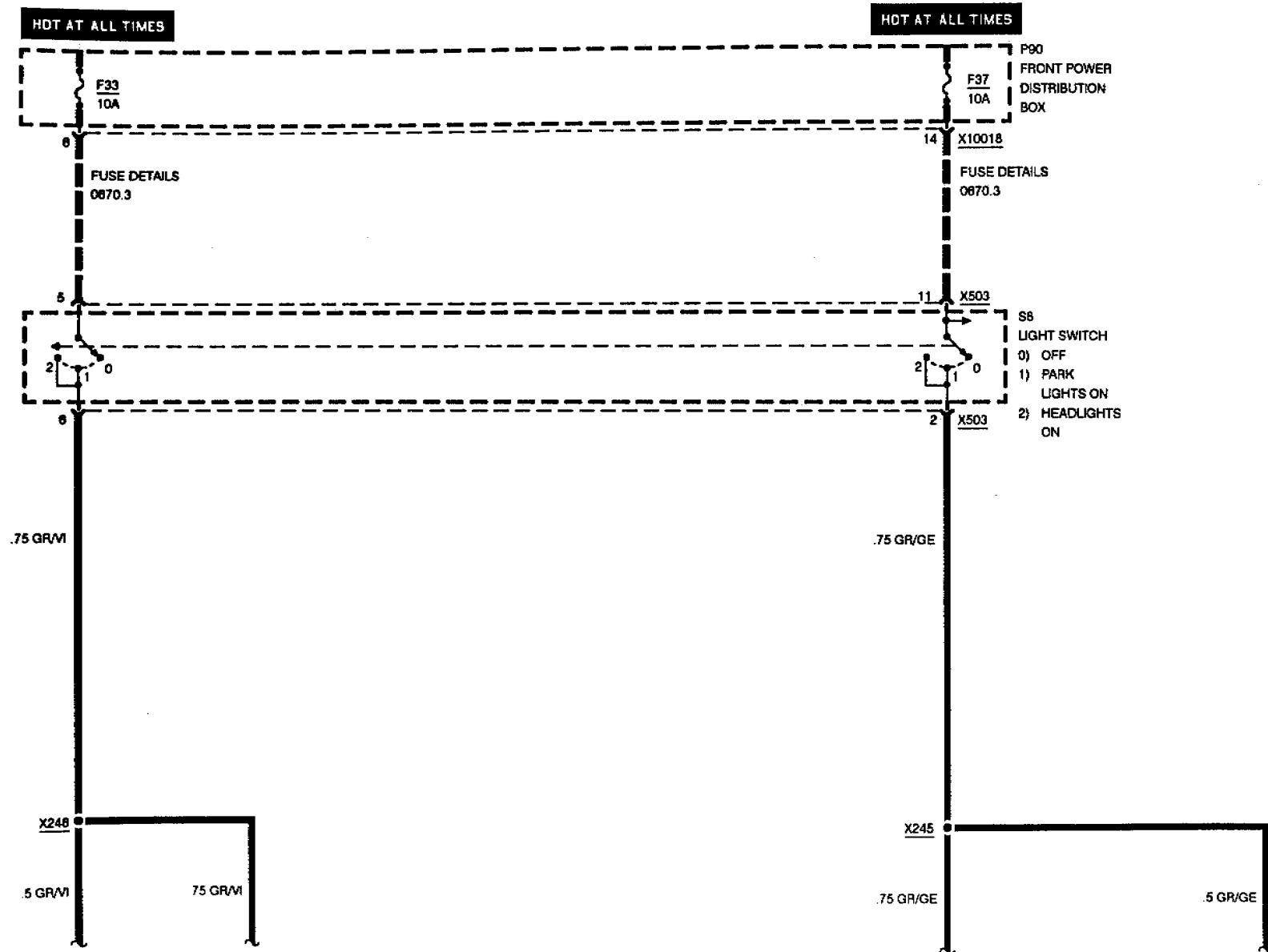
PARK/TAIL LIGHTS

USA

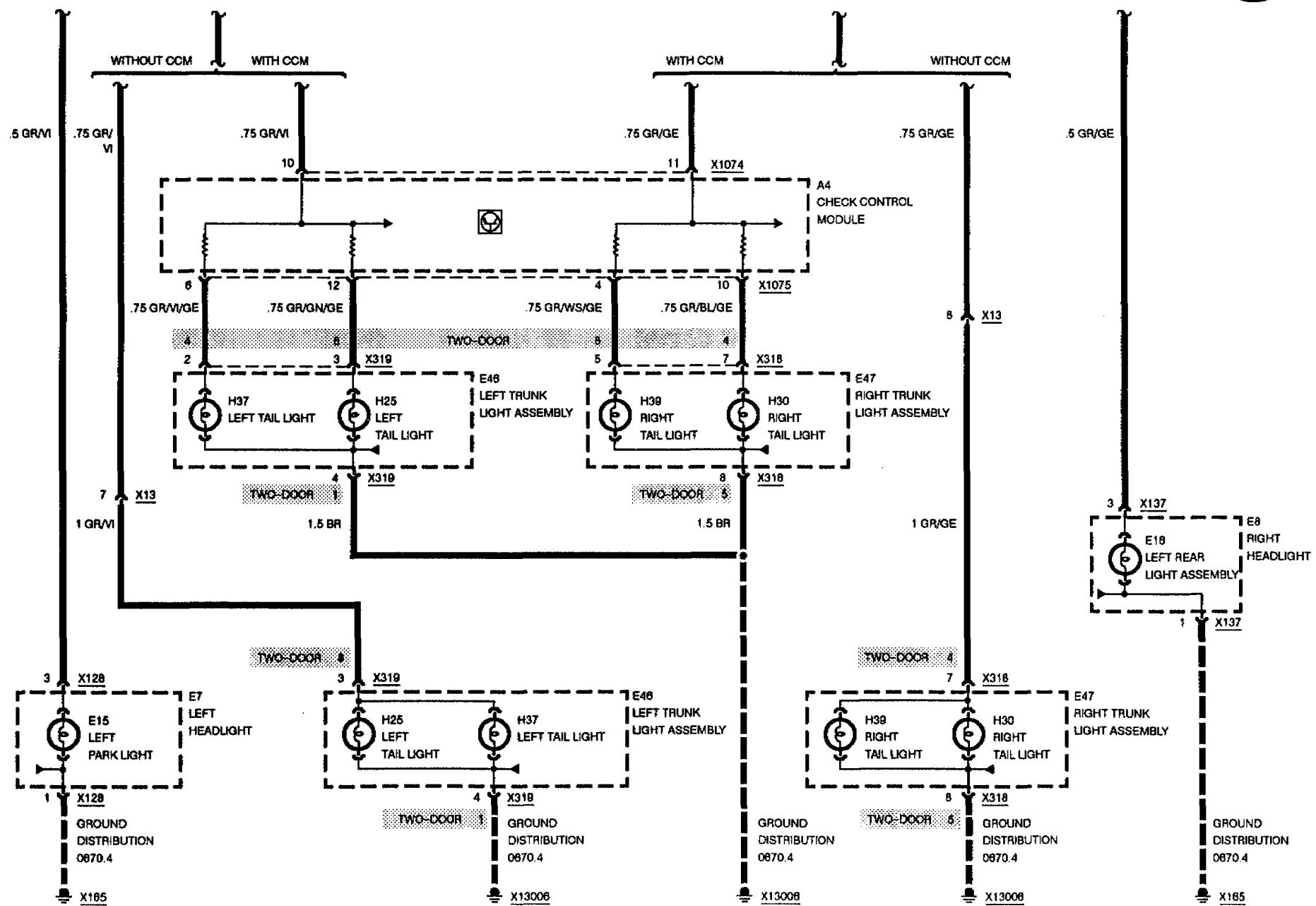
11/92

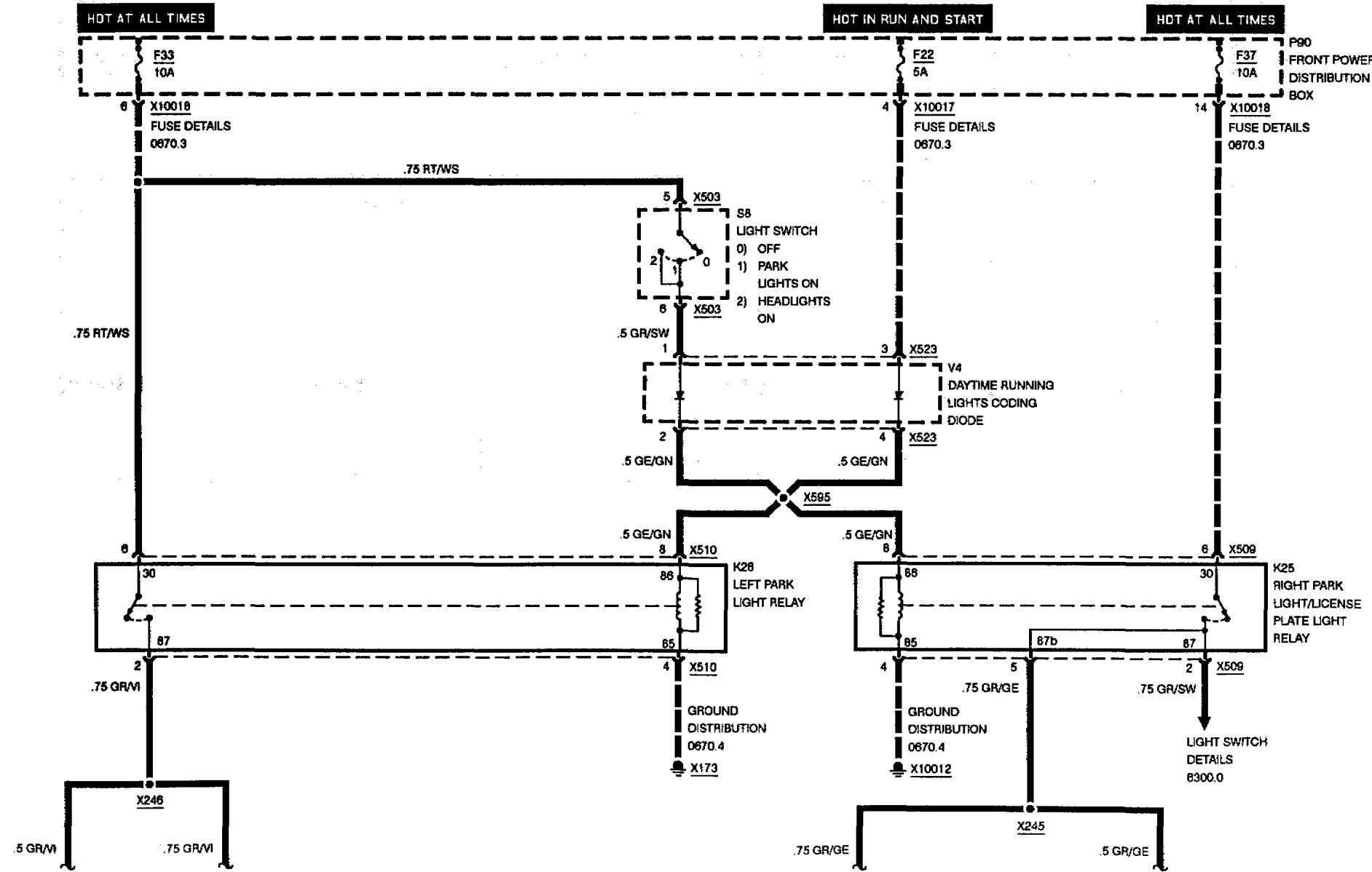
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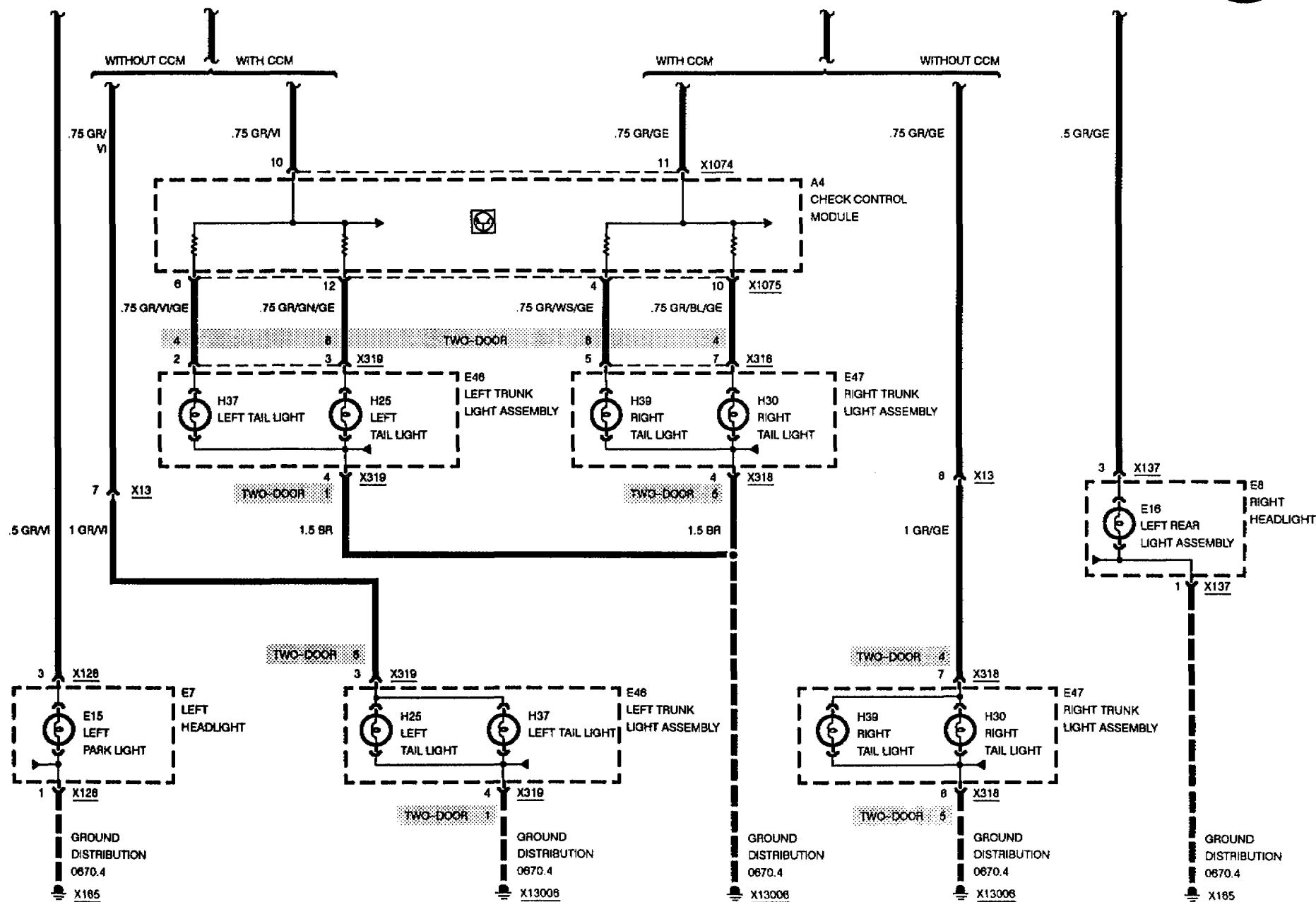


USA





CDN



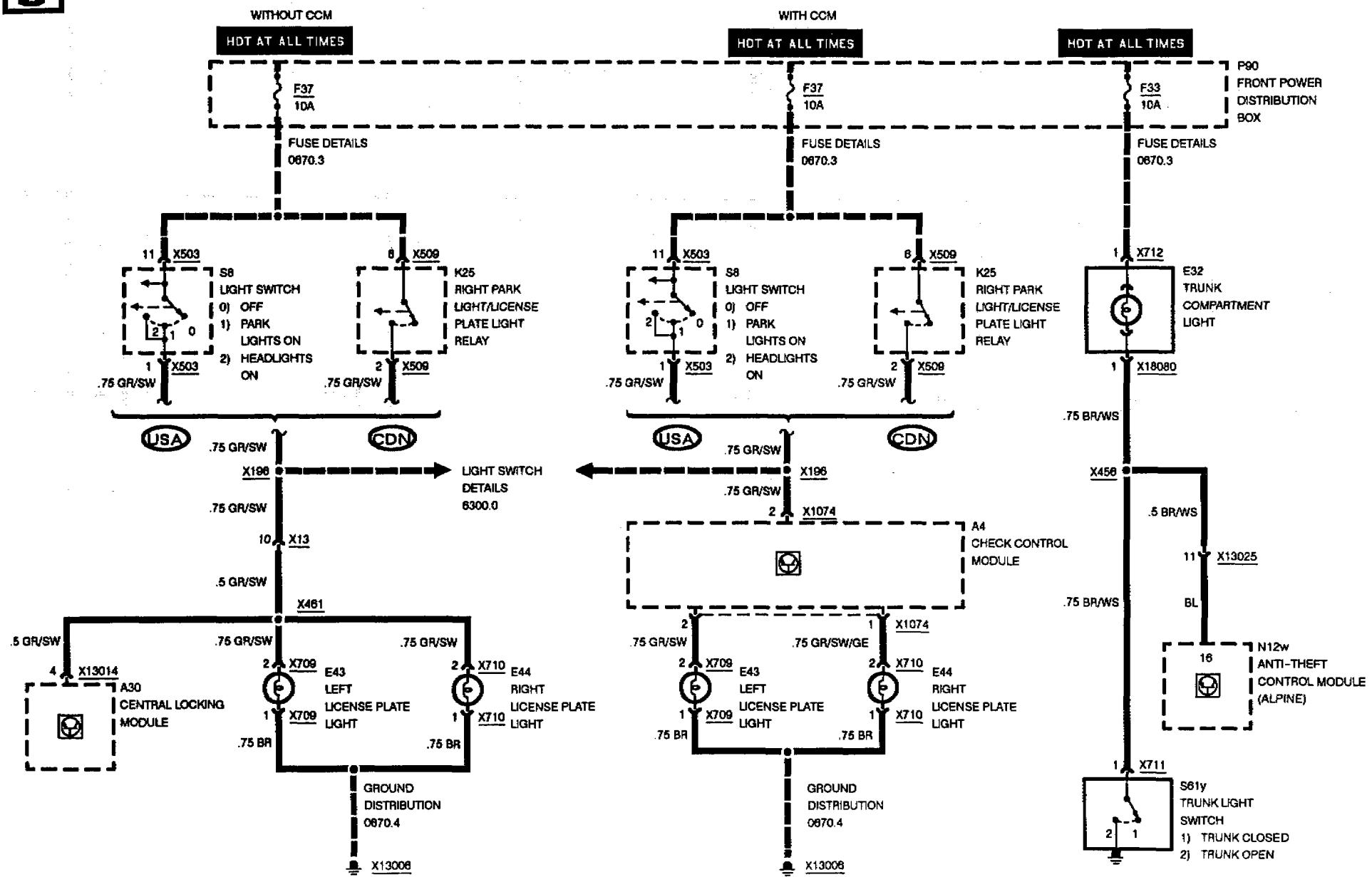


LICENSE PLATE/ LUGGAGE COMPARTMENT LIGHTS

11/92

6320-0-00

1992



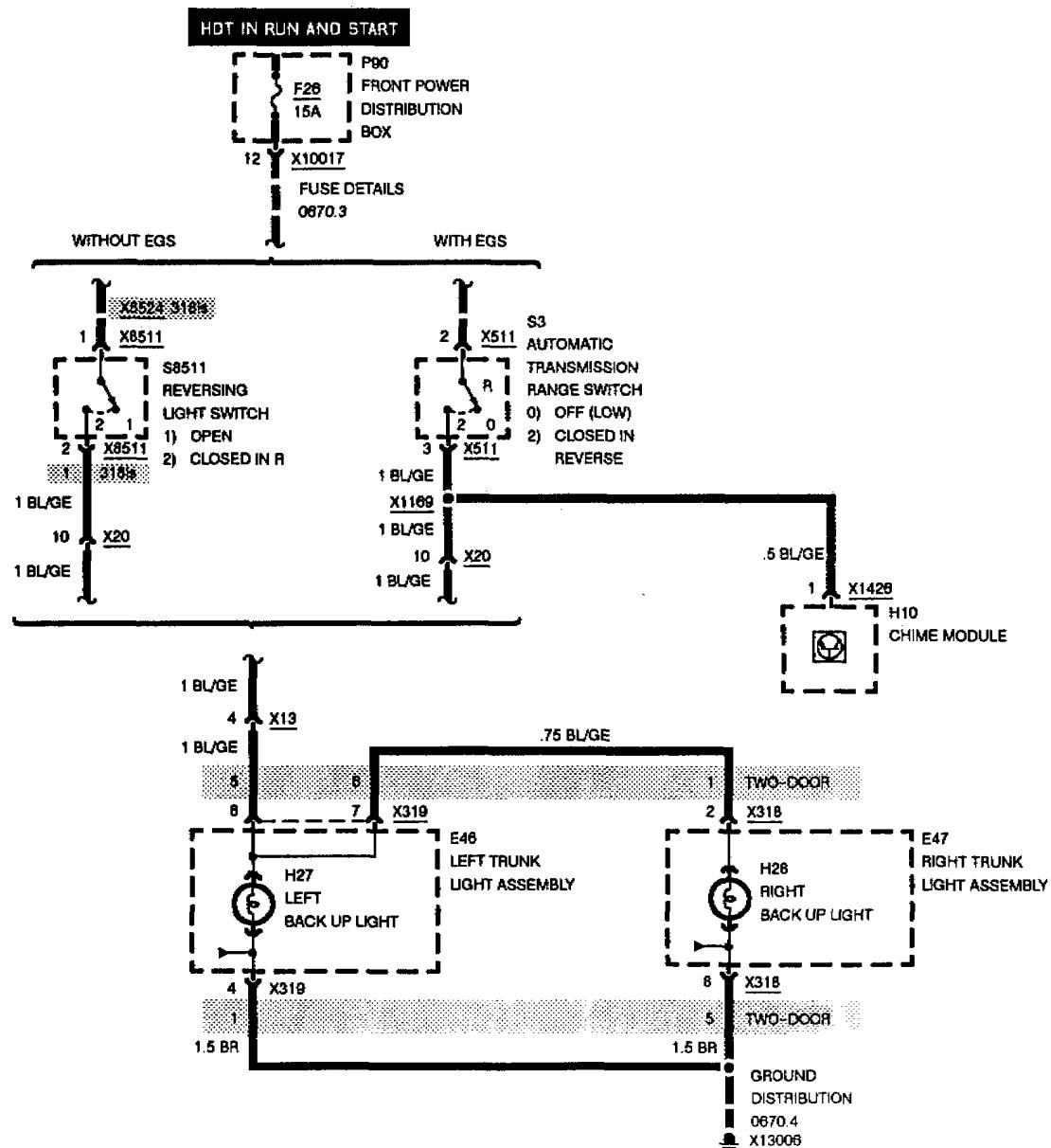


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6322.0



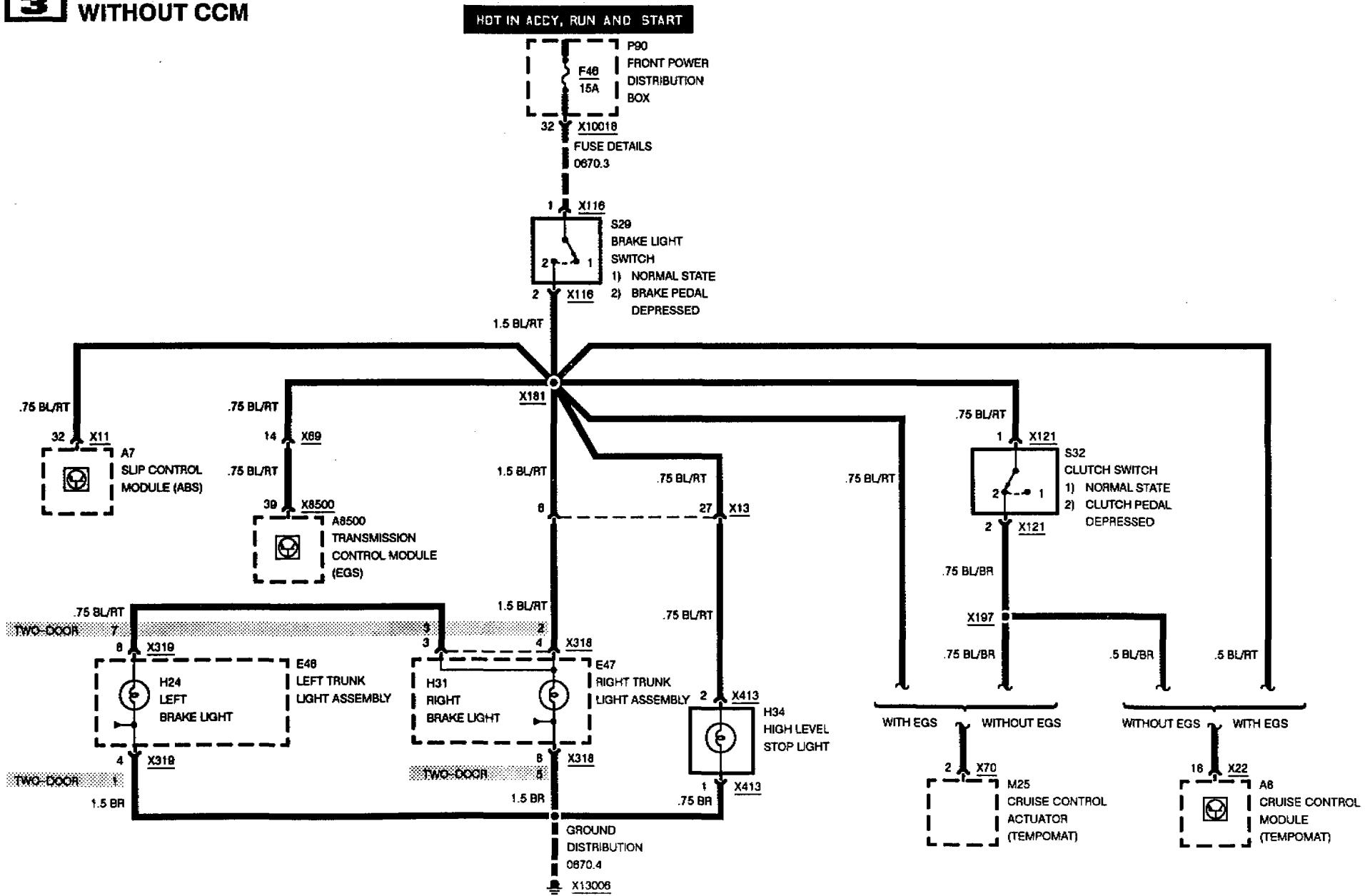


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6325.0





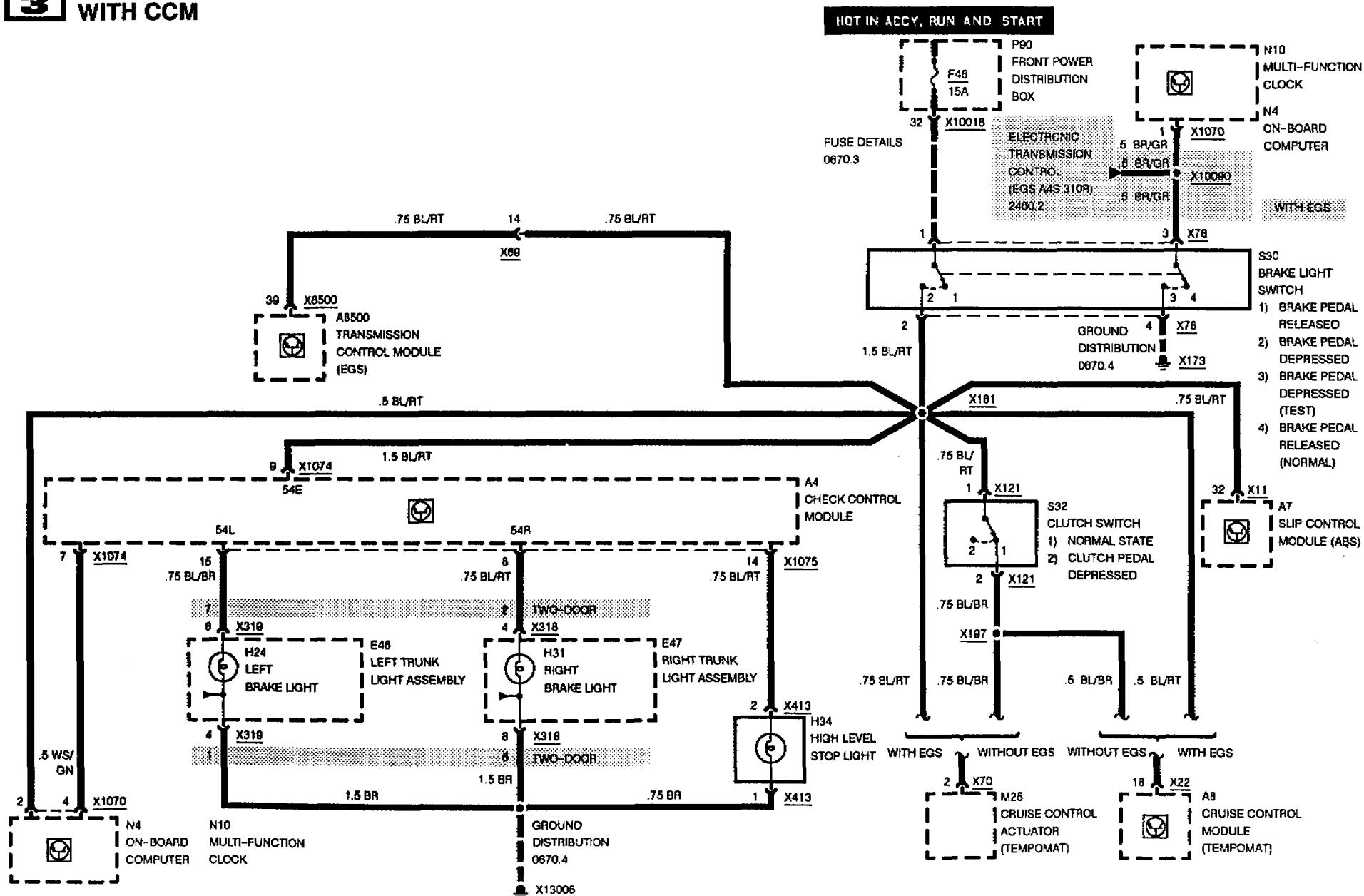
BRAKE LIGHTS

WITH CCM

11/92

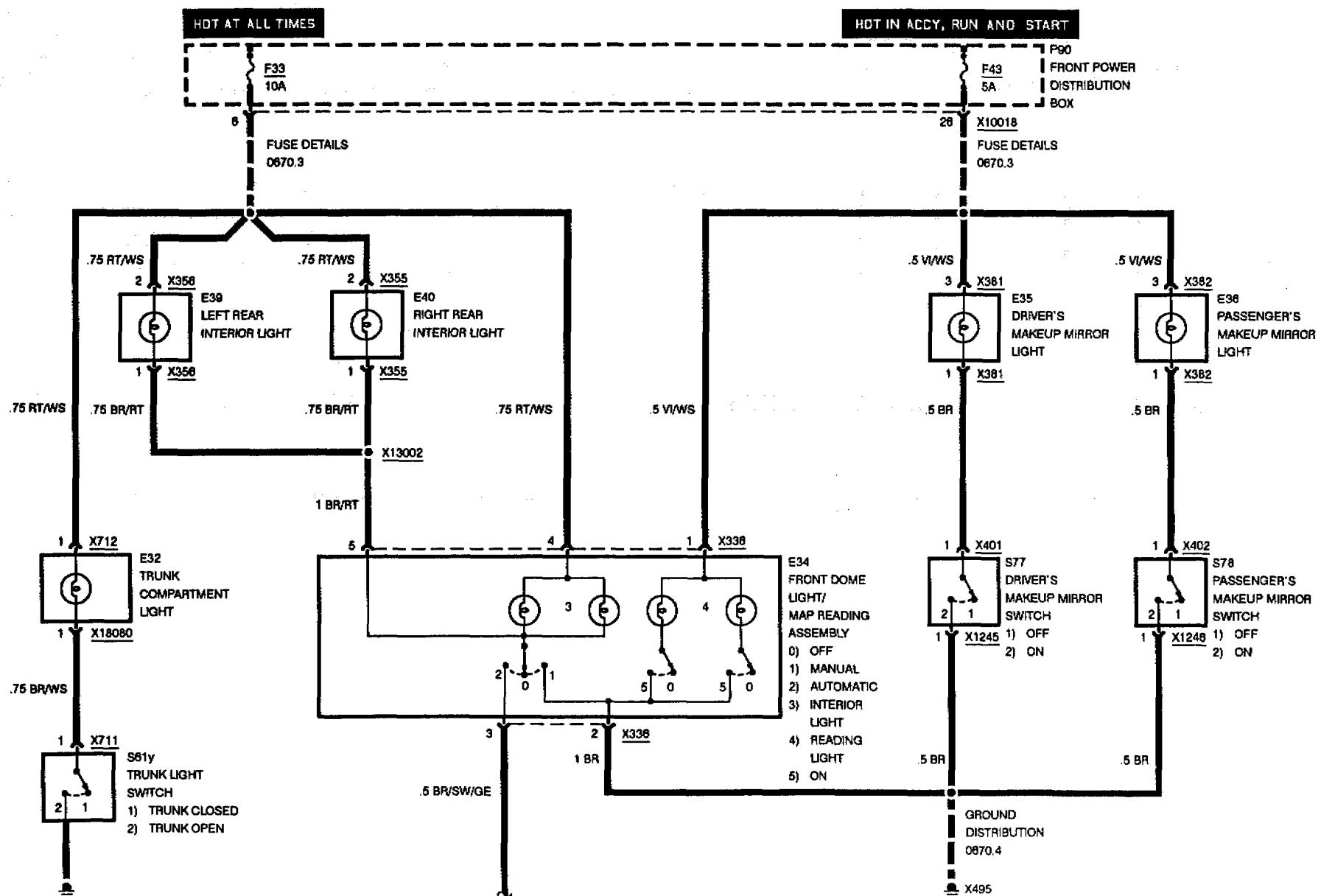
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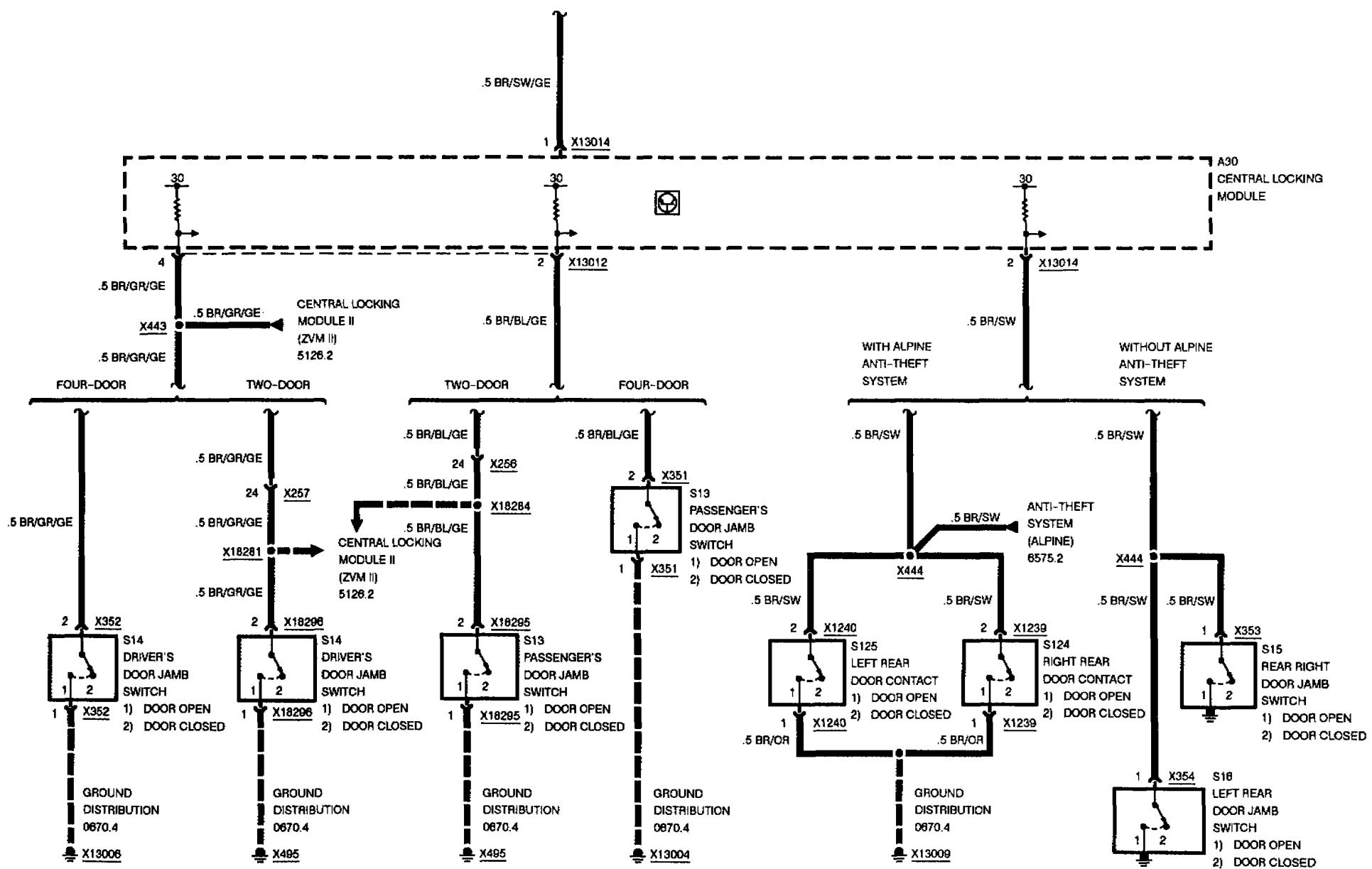
1992





INTERIOR LIGHTS





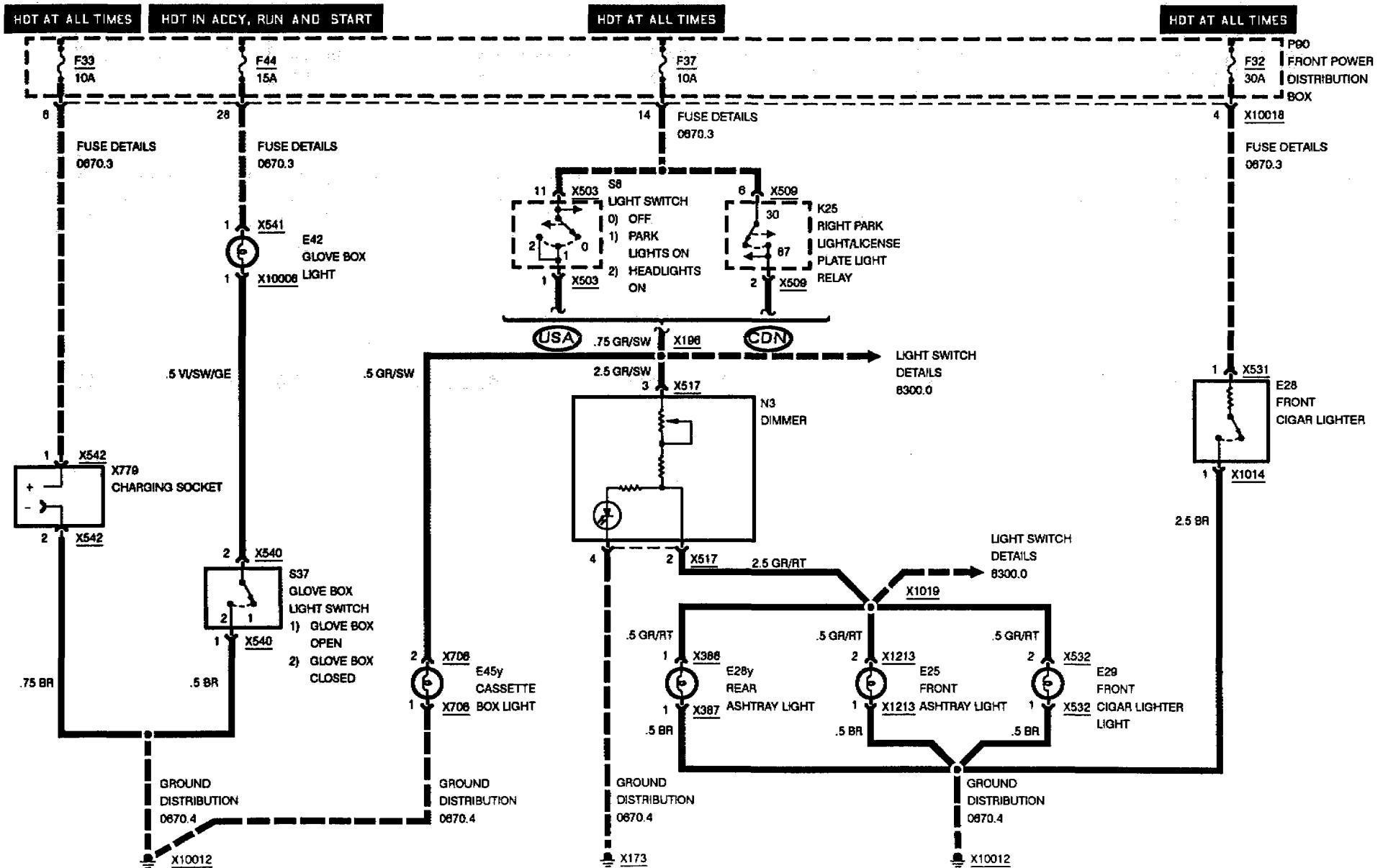


GLOVE BOX LIGHT/CASSETTE BOX/ASHTRAY LIGHT/CHARGING SOCKET/CIGAR LIGHTER

11/92

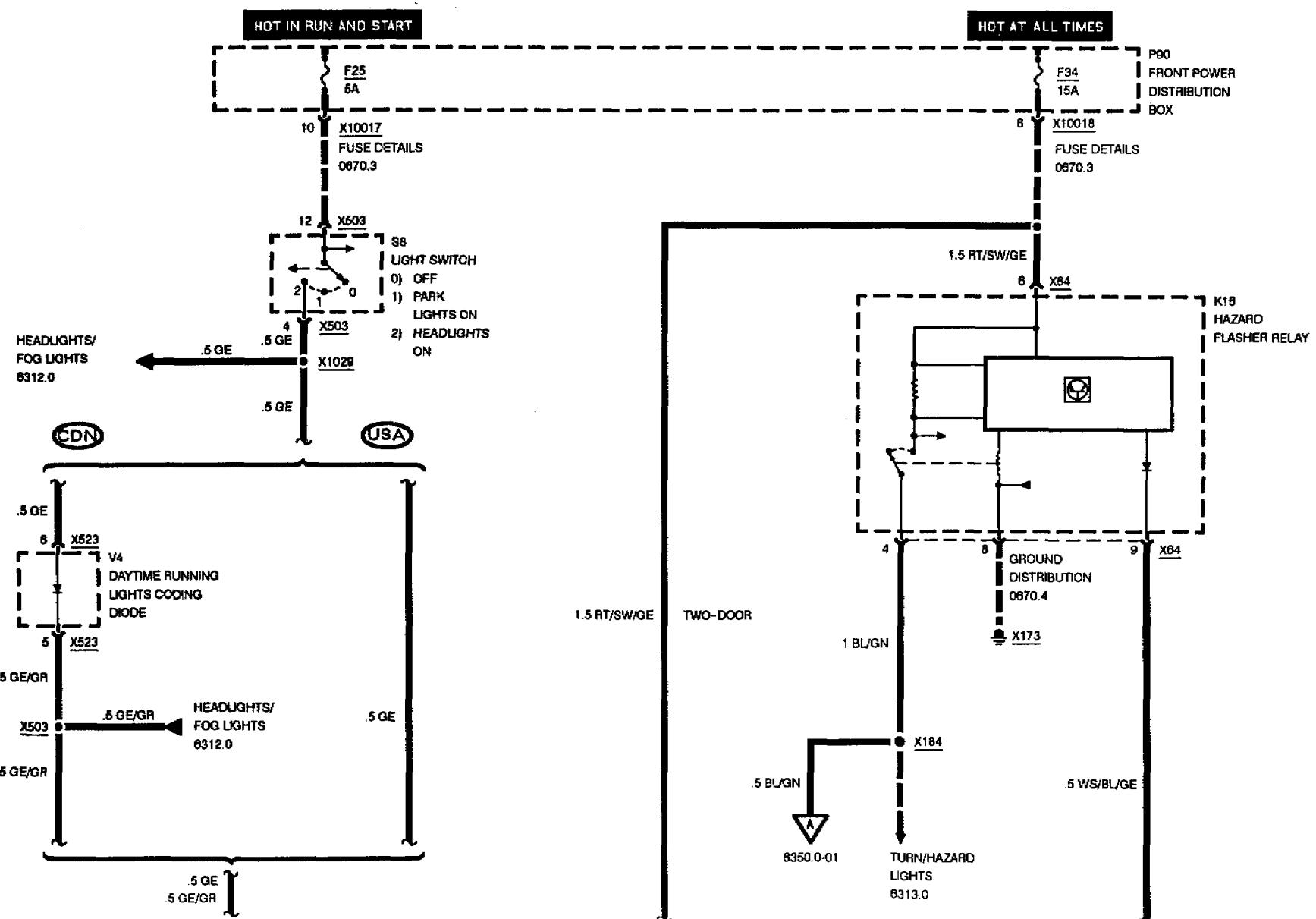
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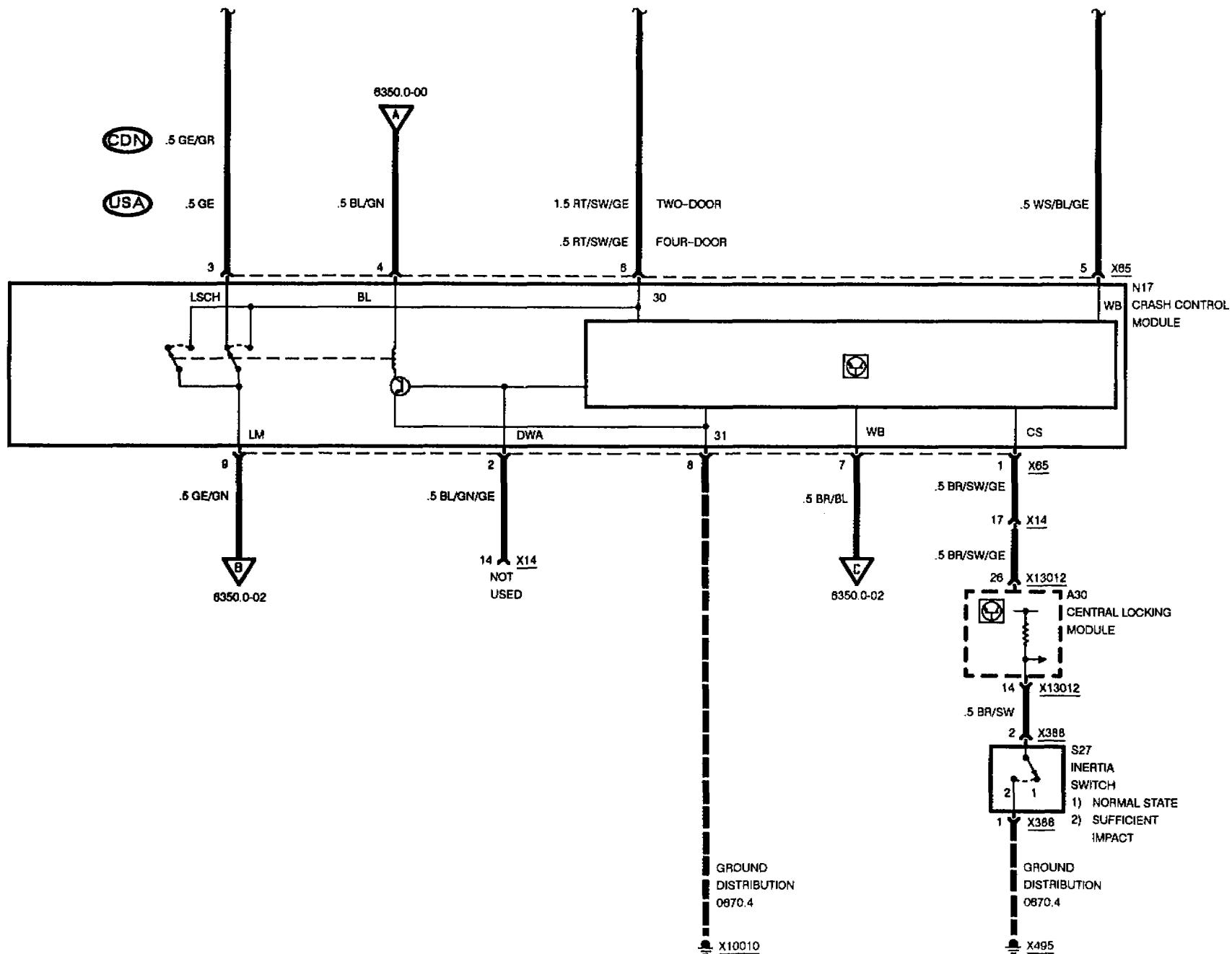
1992



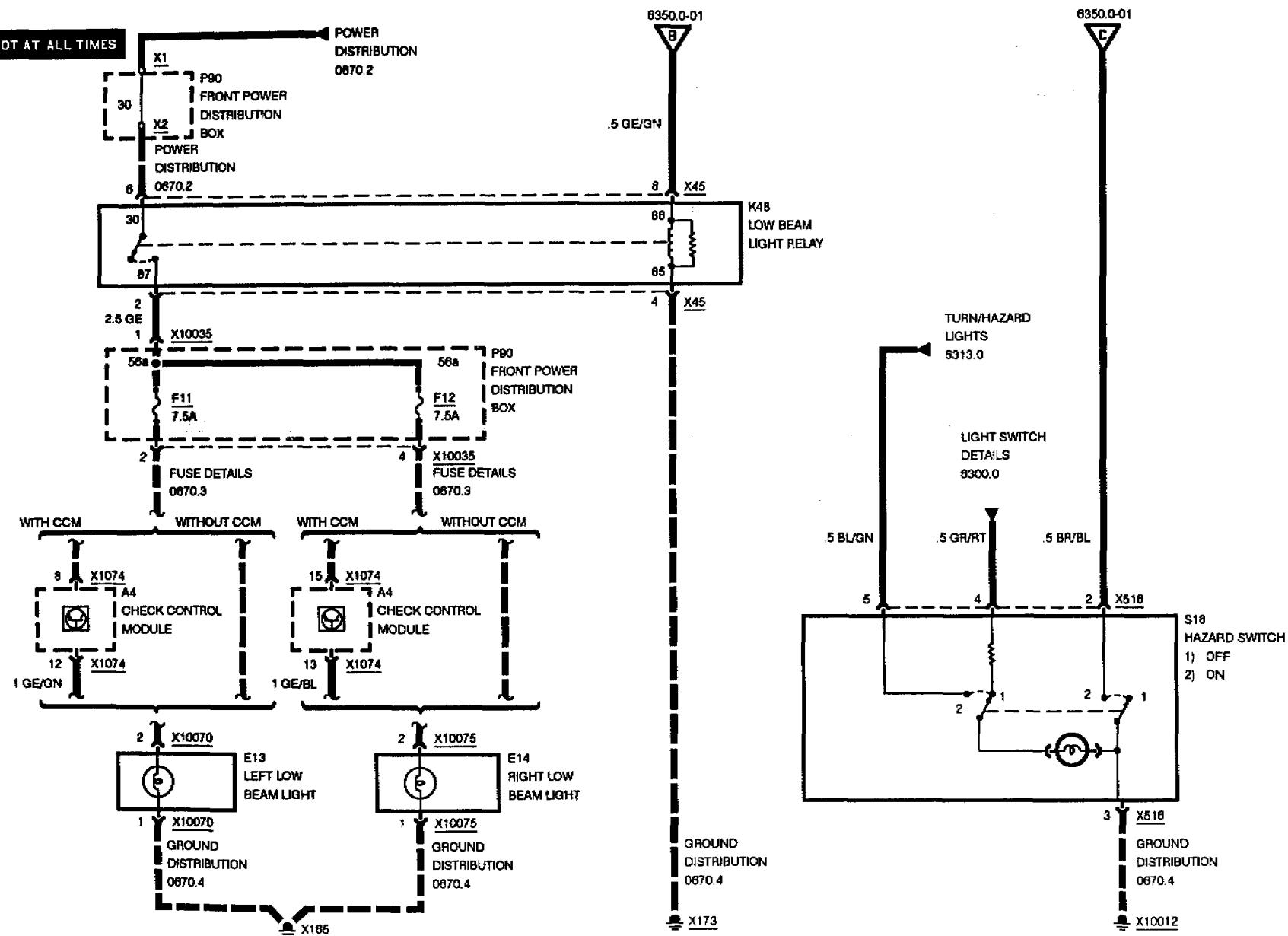


6350.0



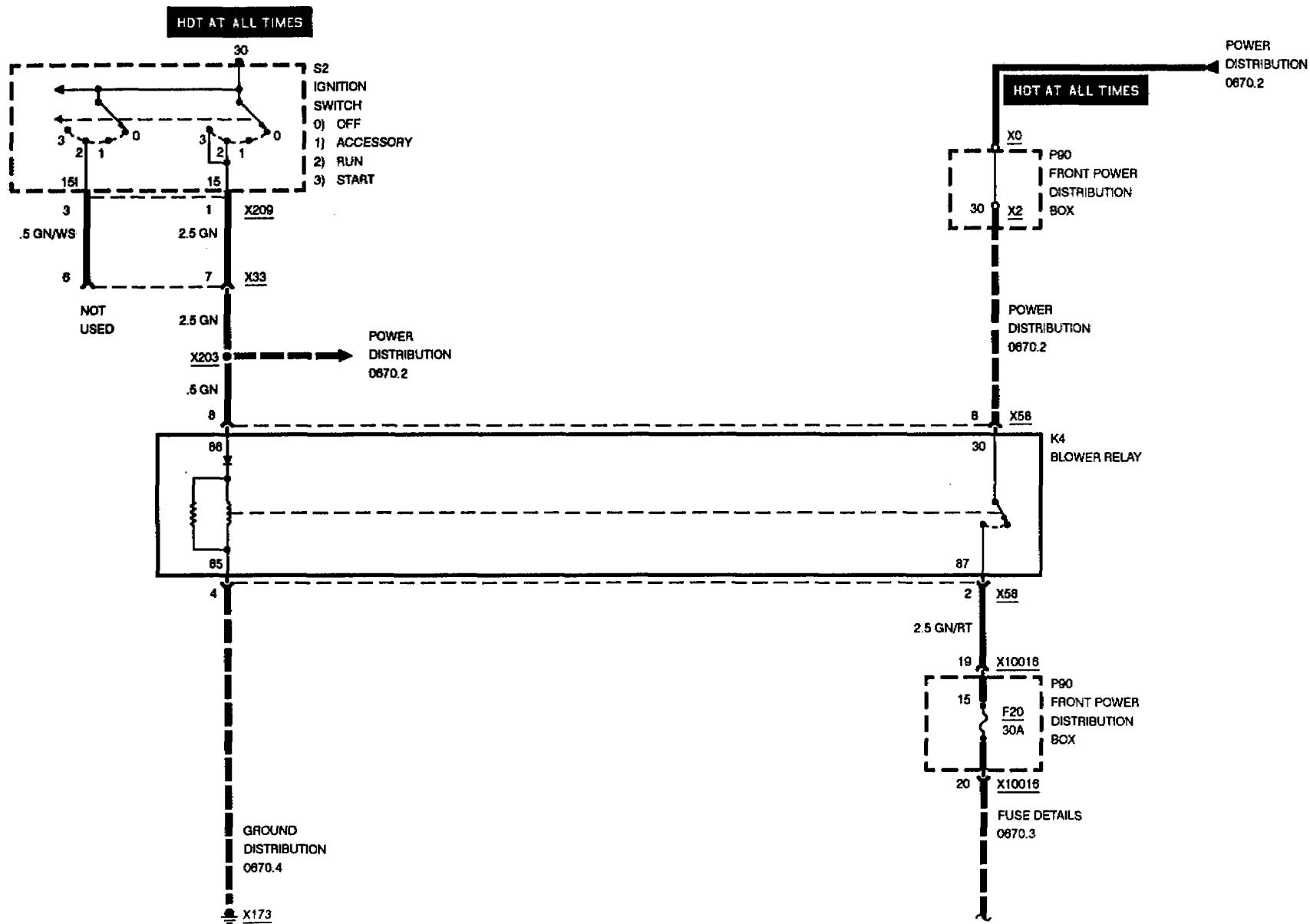


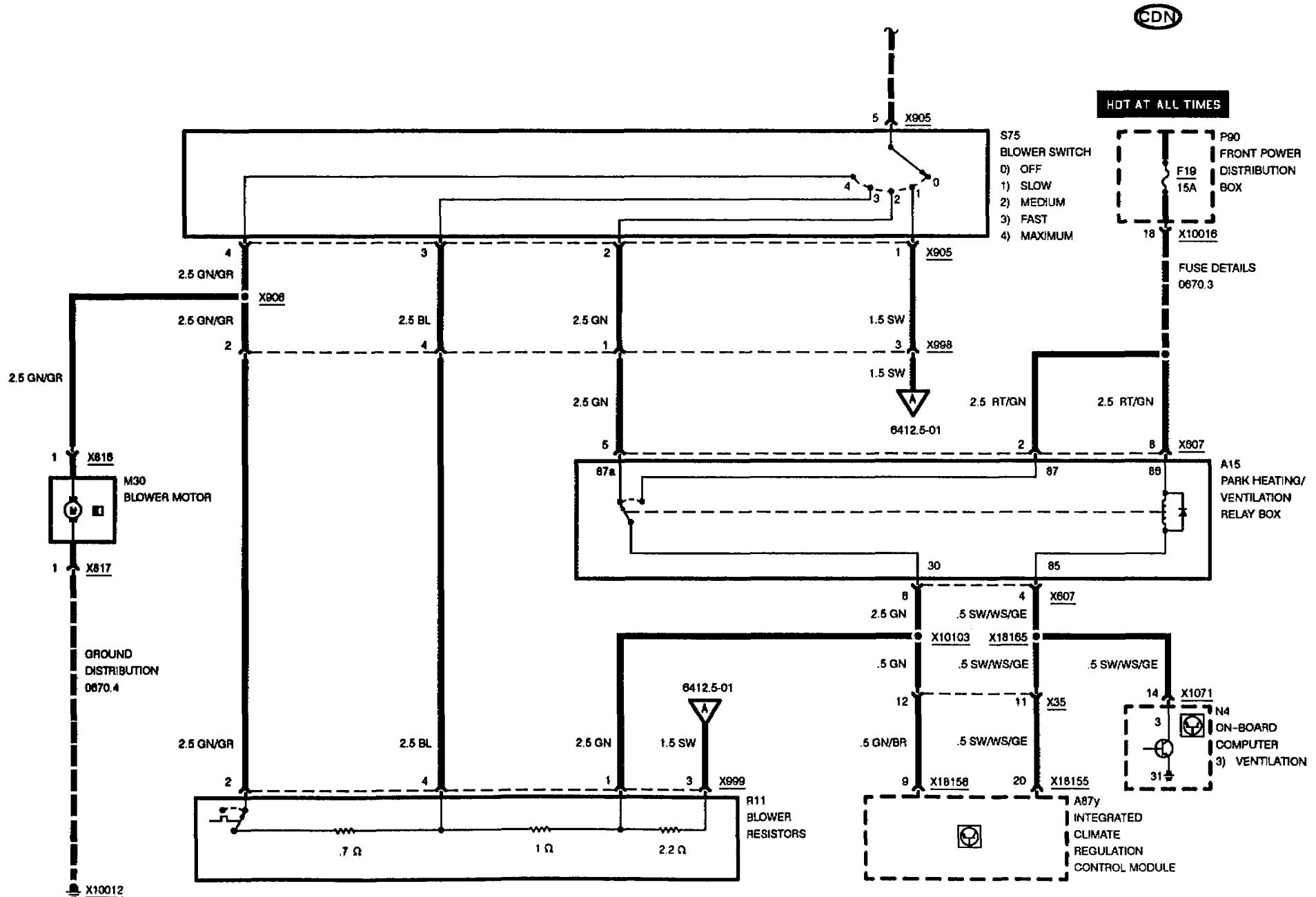
CRASH CONTROL MODULE



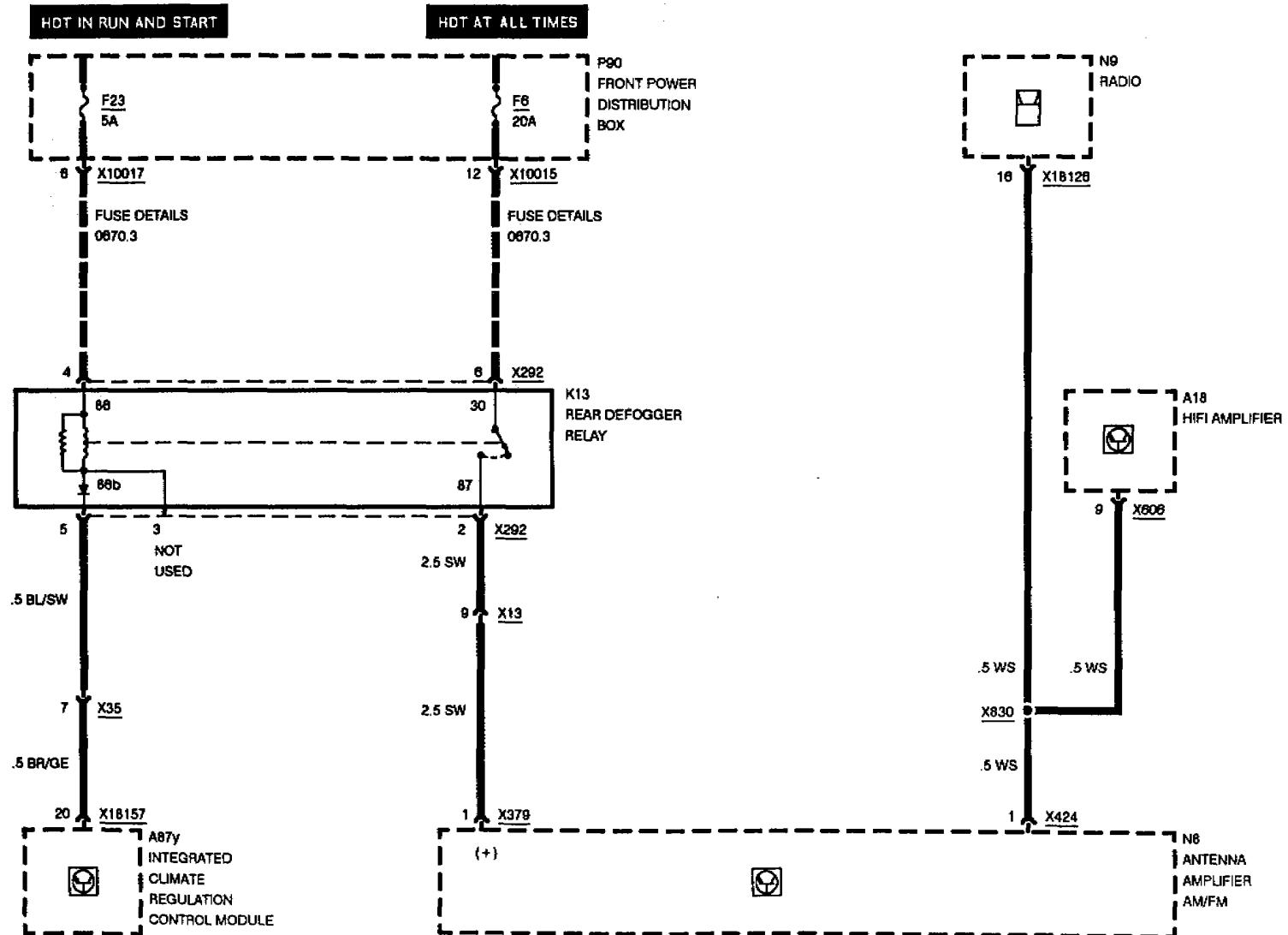


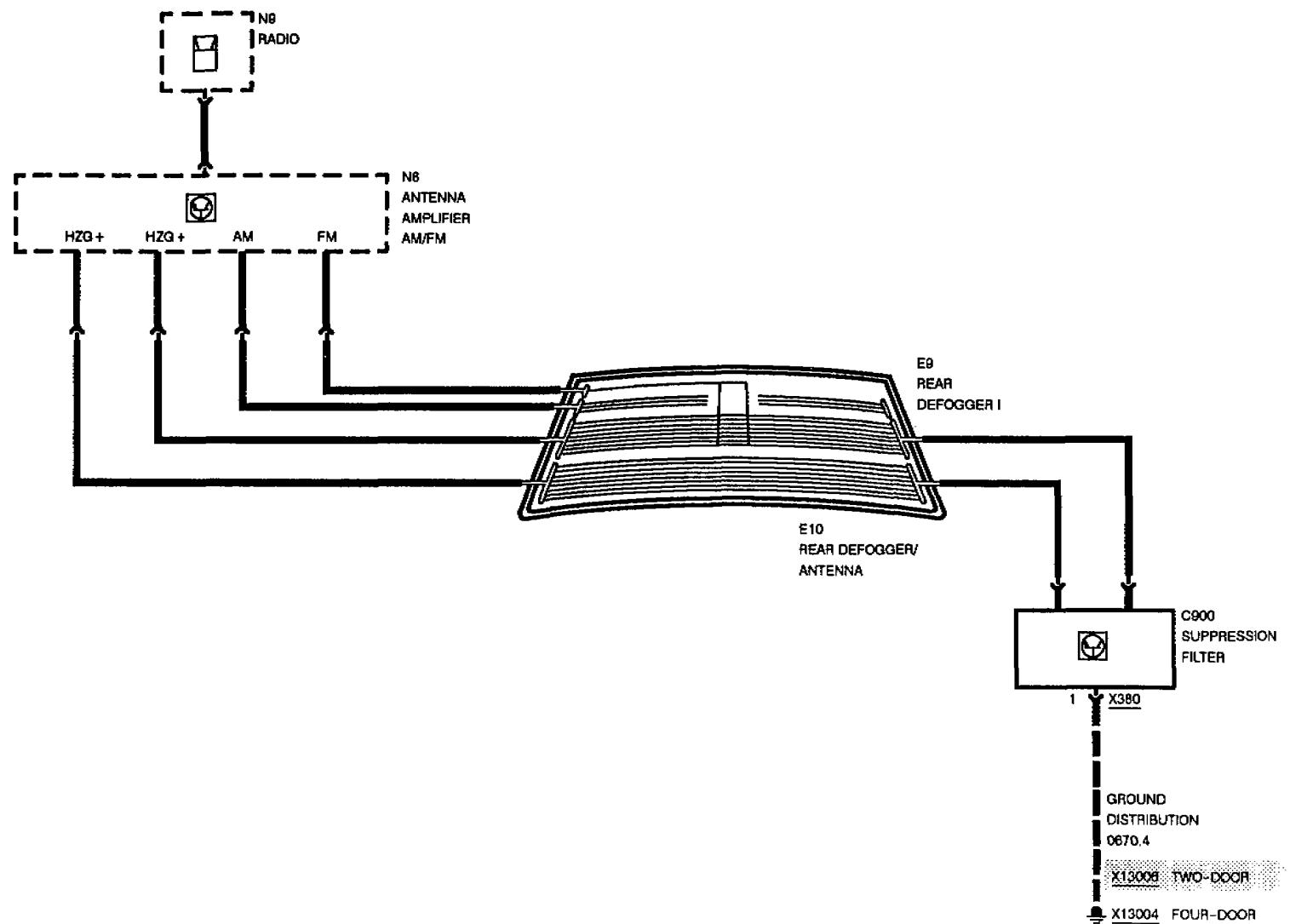
6412.5





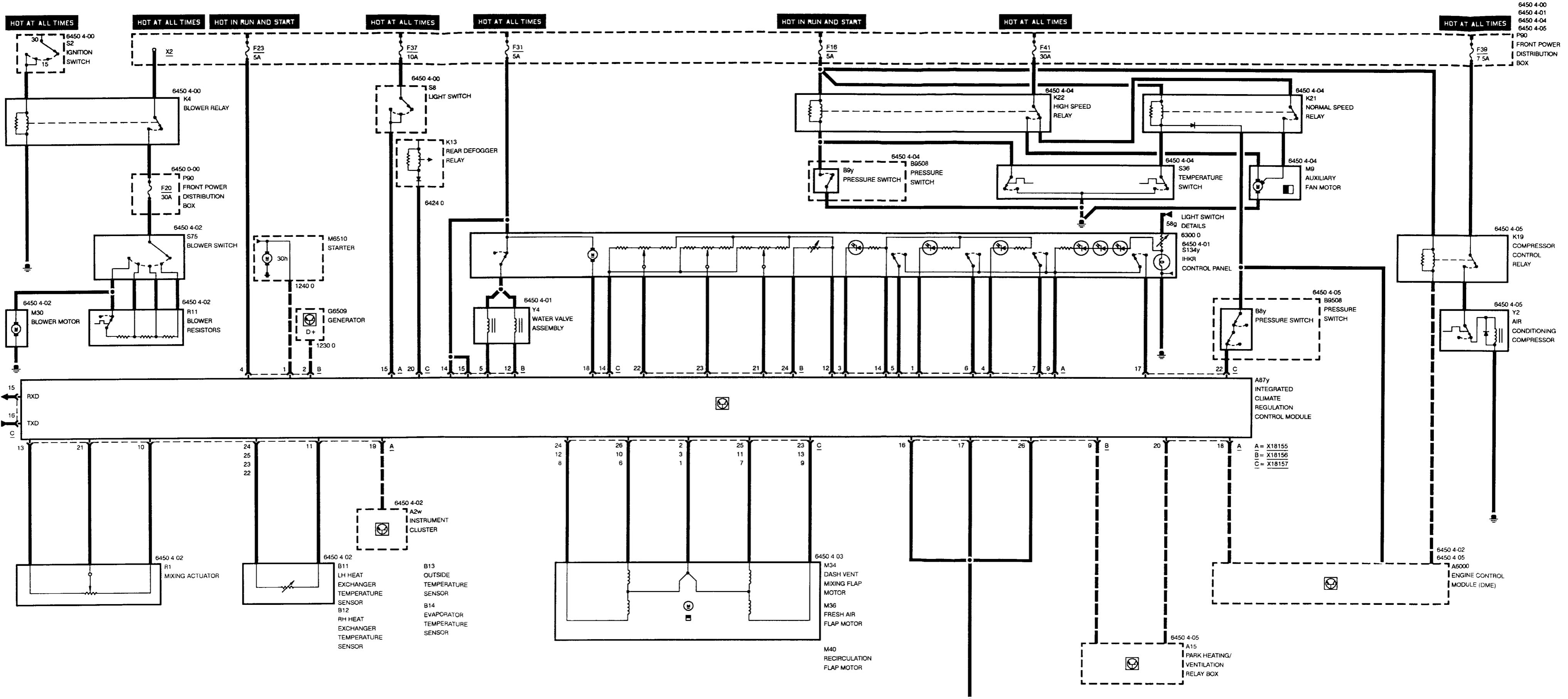
REAR WINDOW DEFOGGER







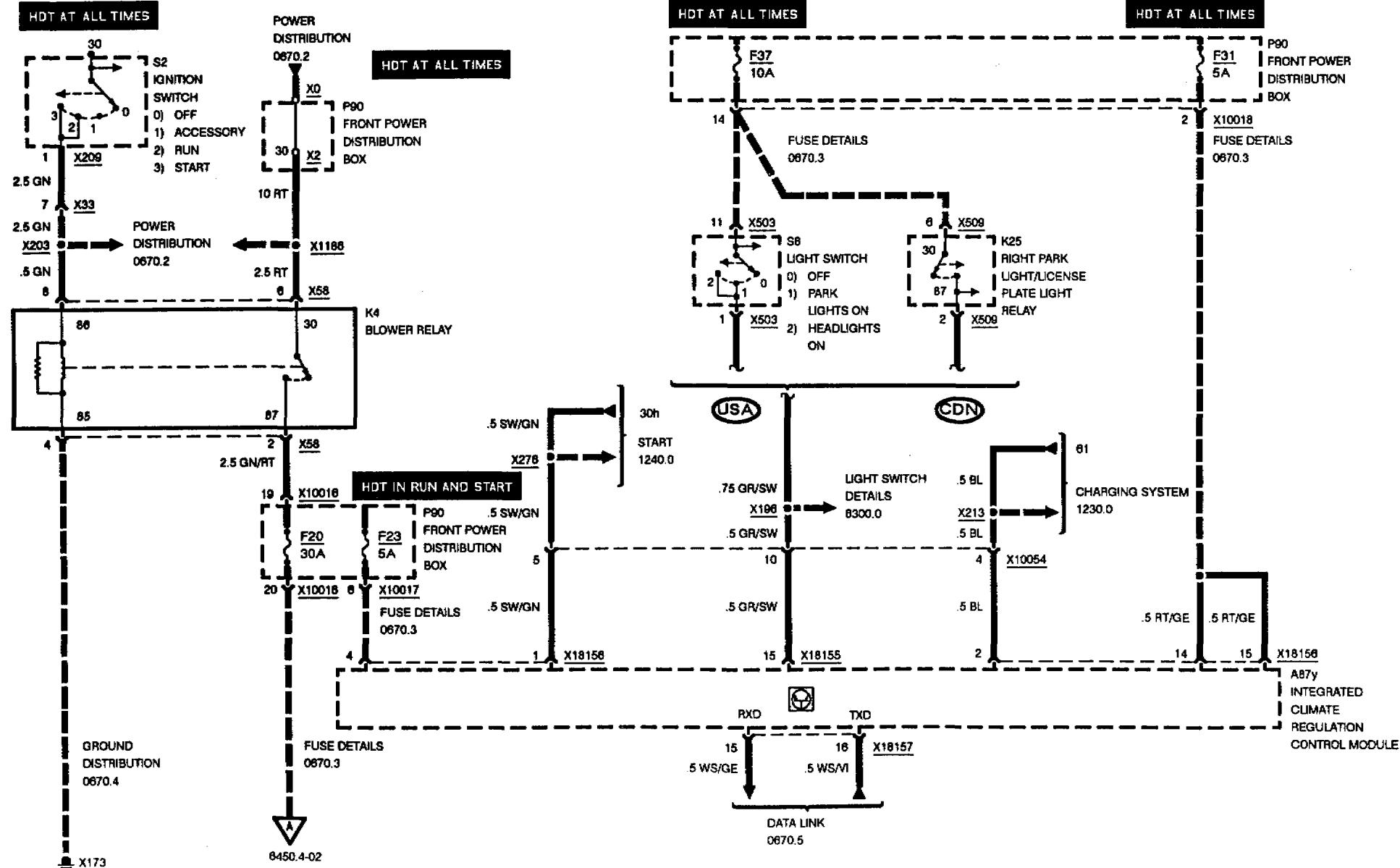
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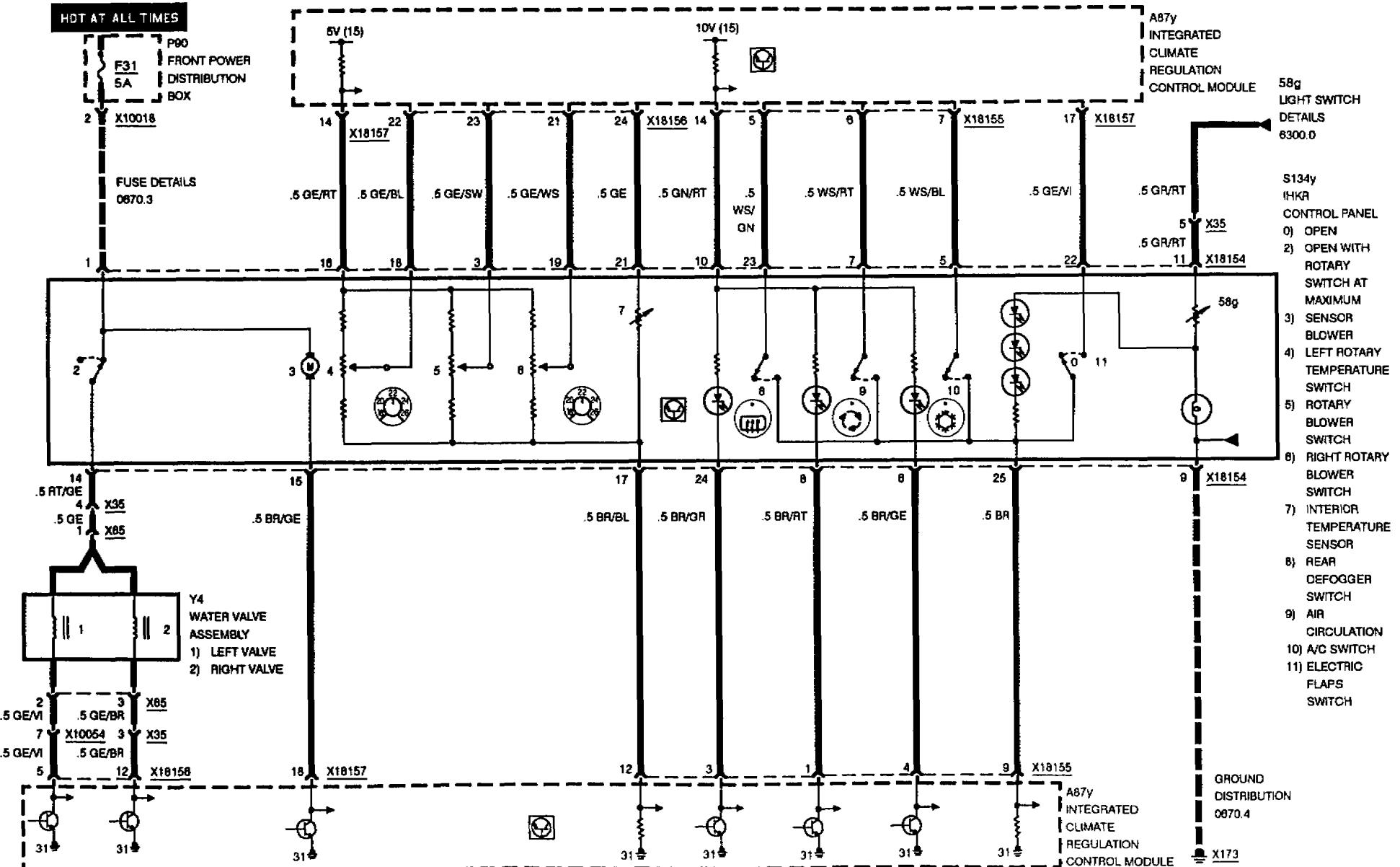


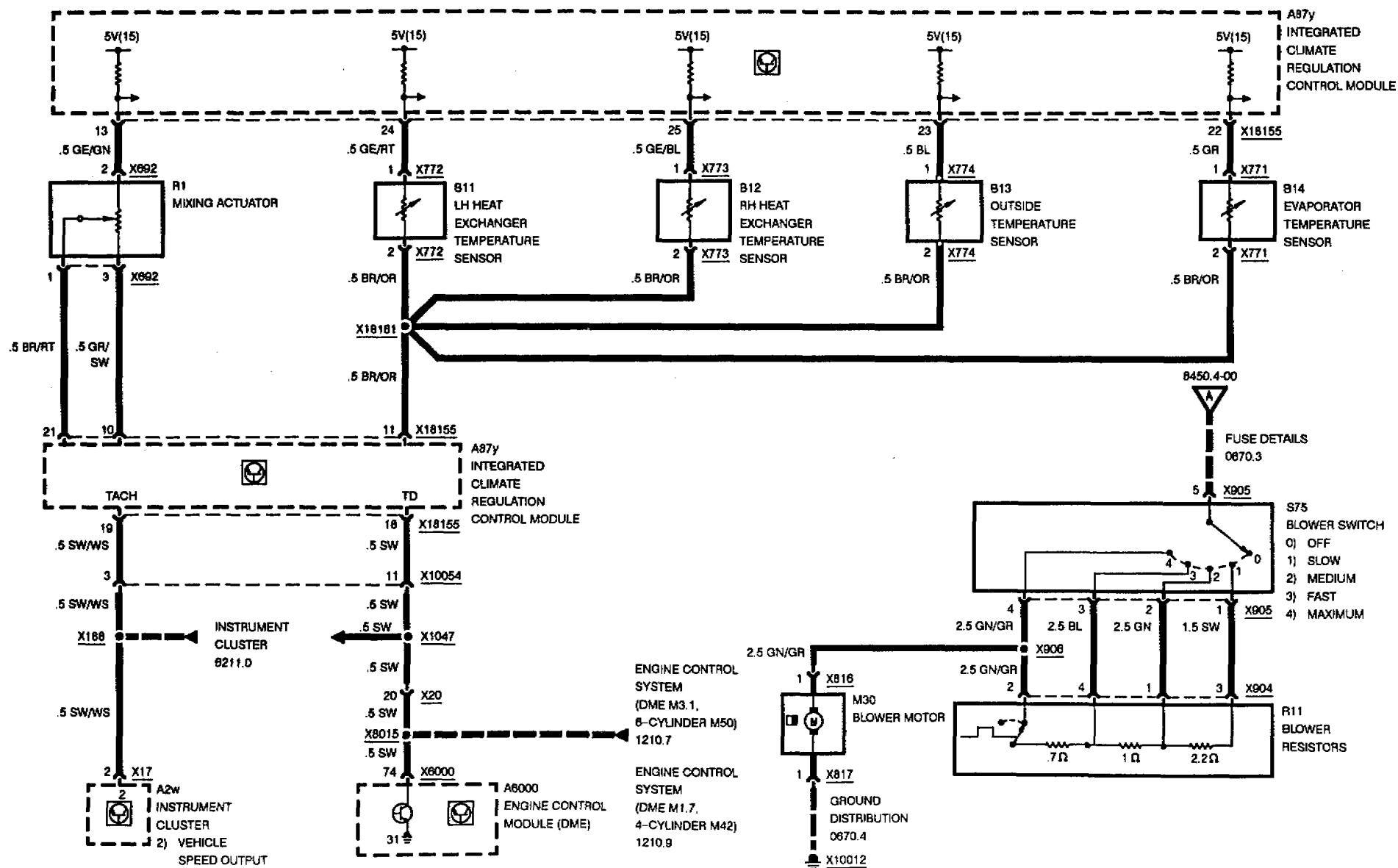


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6450.4



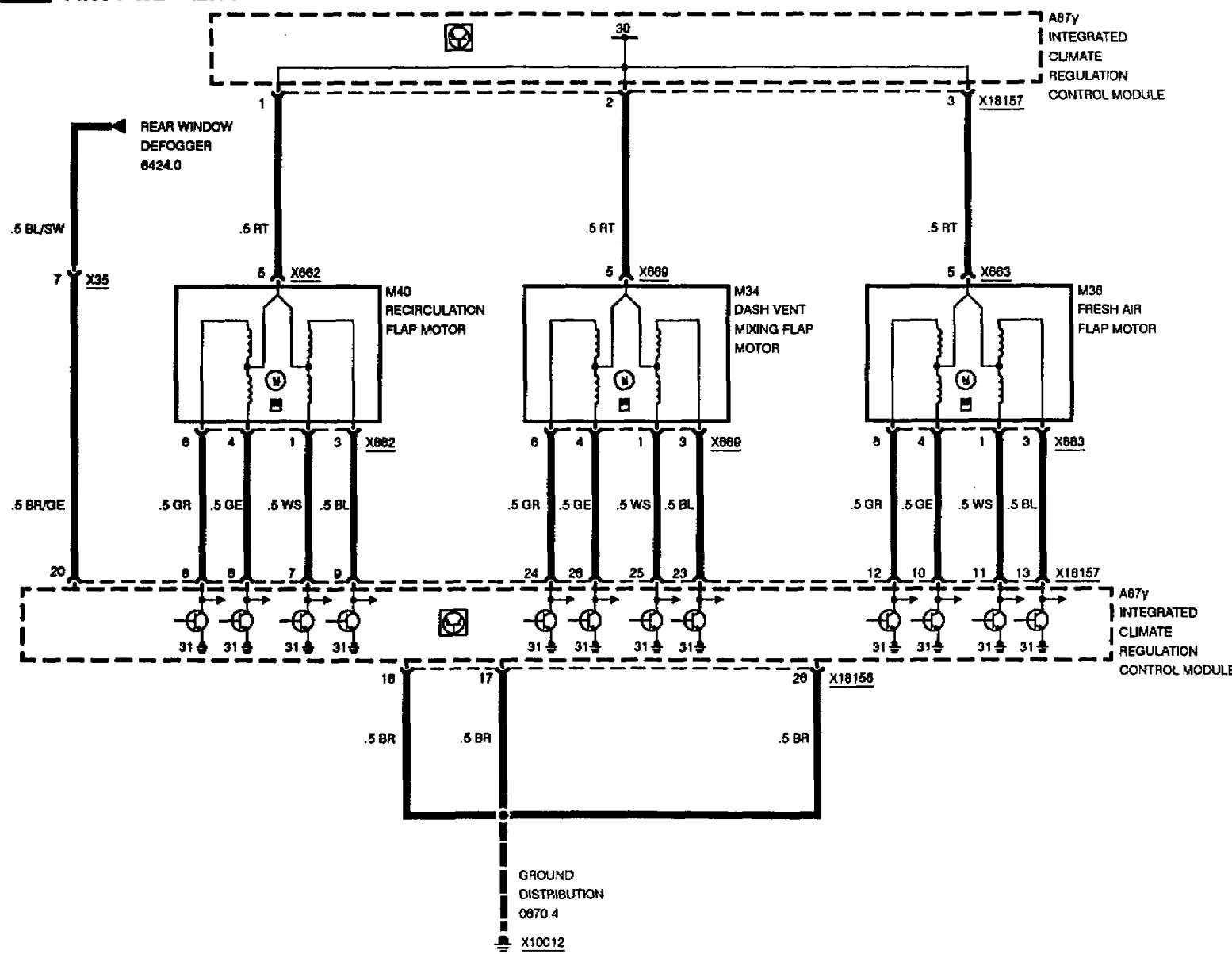




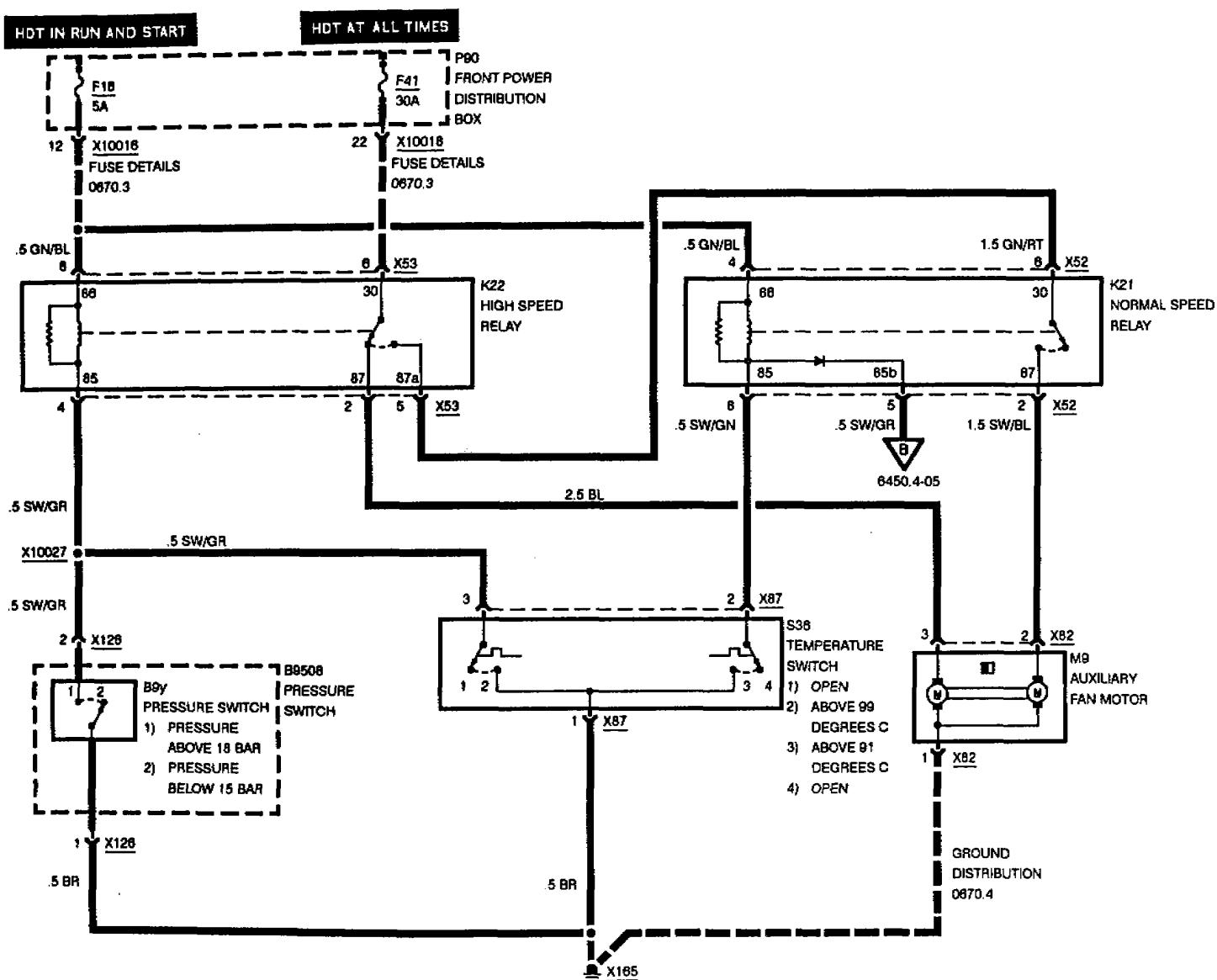


INTEGRATED CLIMATE REGULATION (IHKR E36)

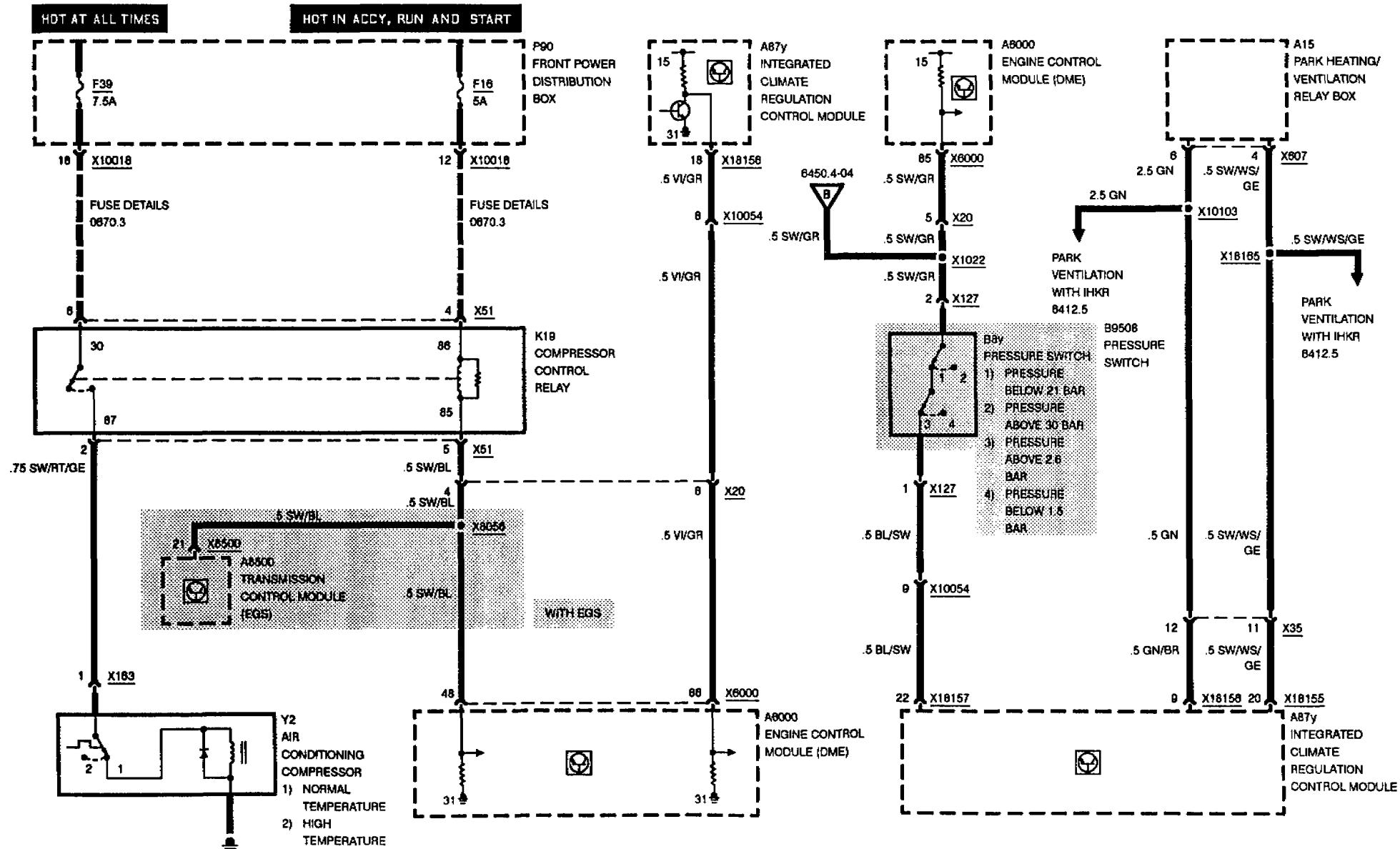
AIR DELIVERY



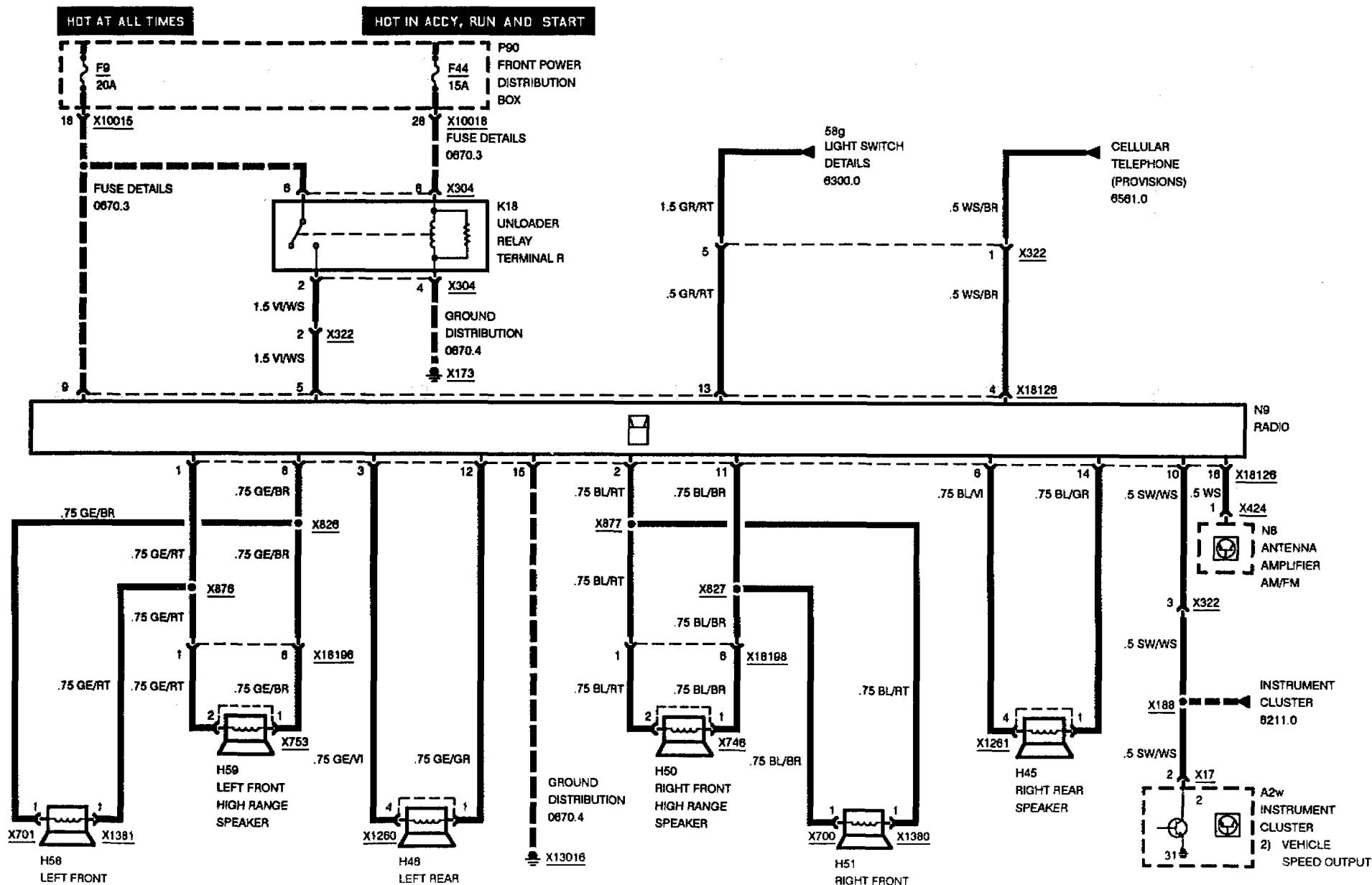
AUXILIARY FAN



INTEGRATED CLIMATE REGULATION (IHKR E36)



STEREO, 6-SPEAKER SYSTEM





6510.0-01



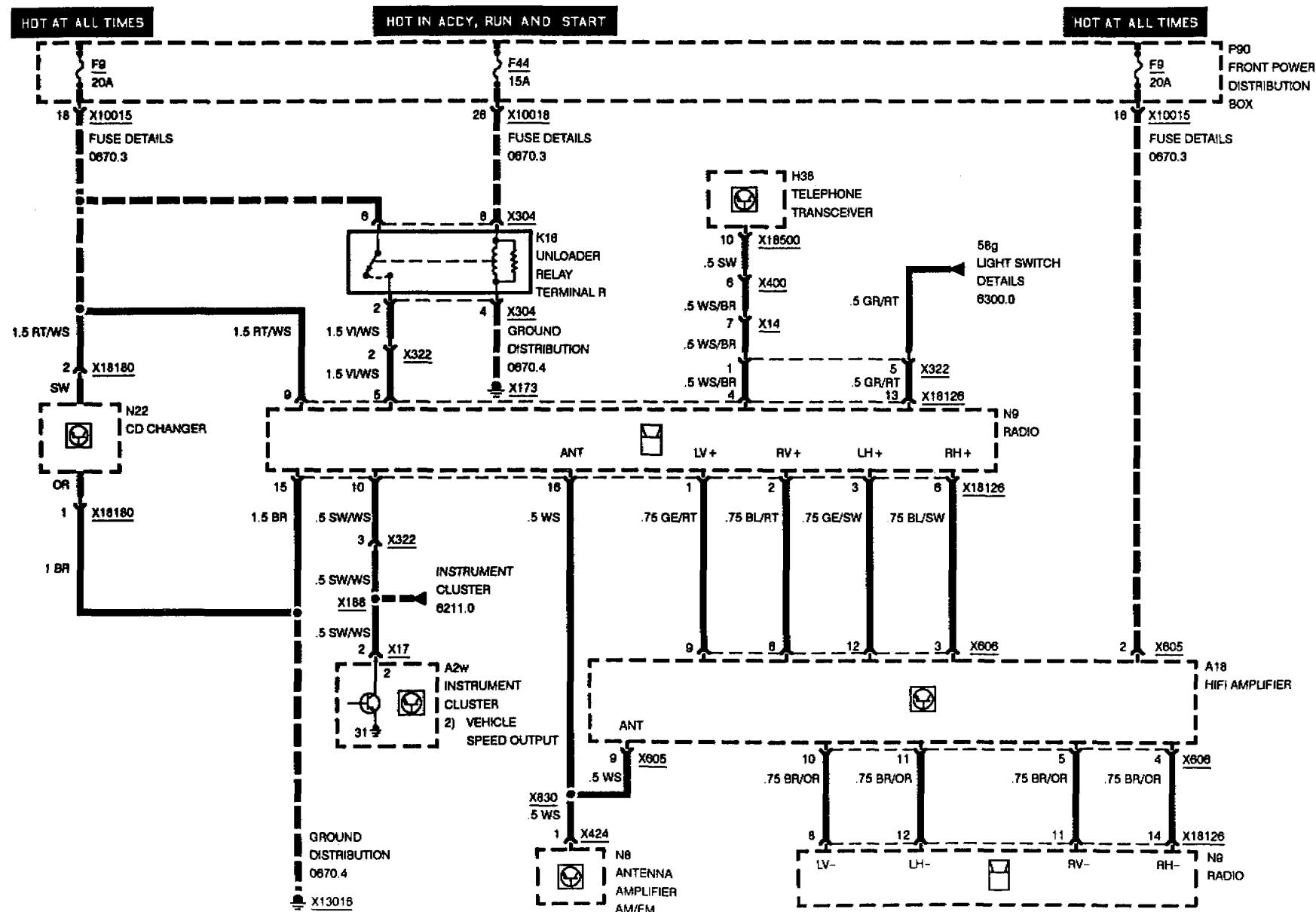
RADIO/HIFI

HIFI, 10-SPEAKER SYSTEM

11/92

6510.1-00

1992





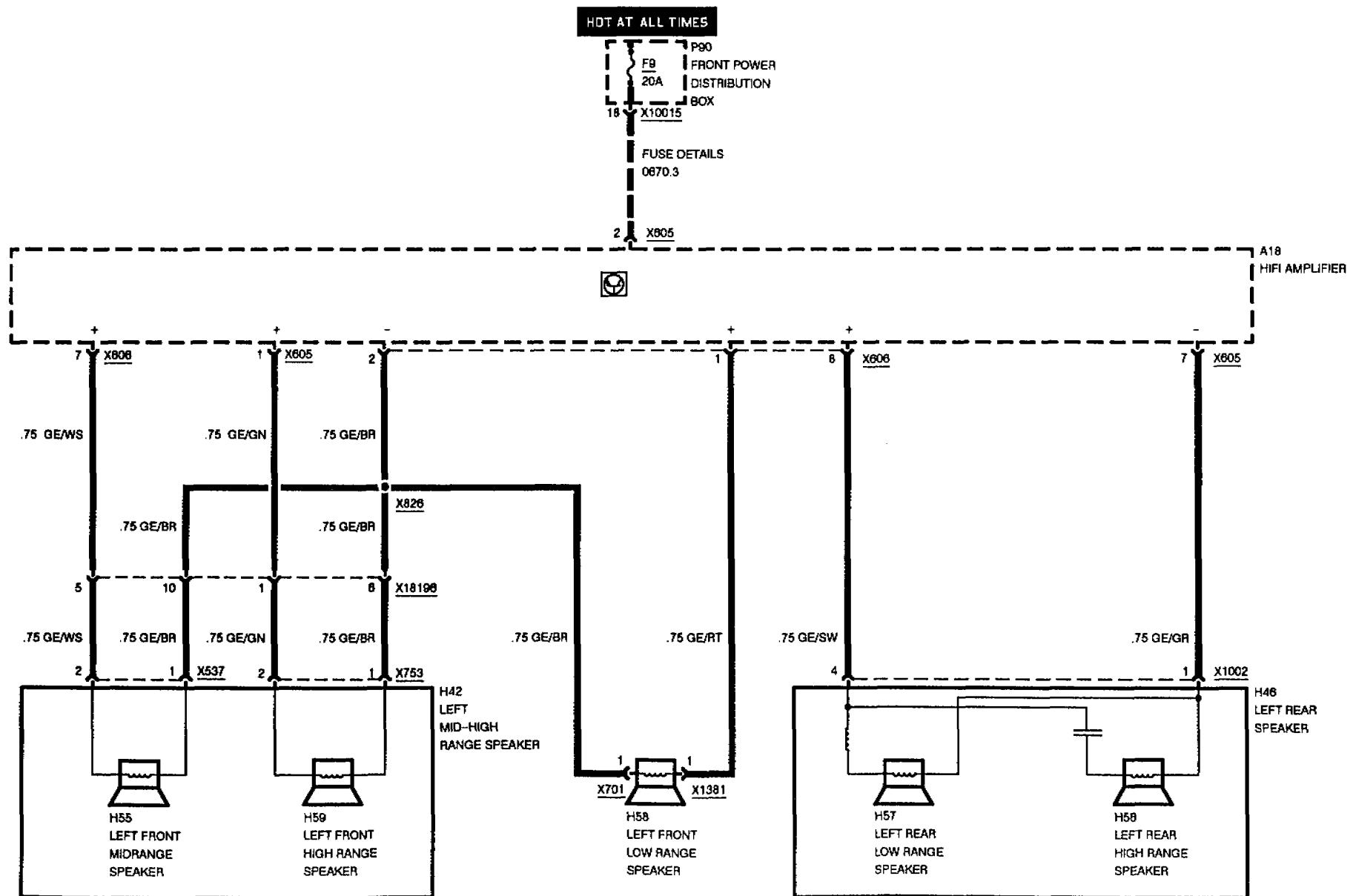
RADIO/HIFI

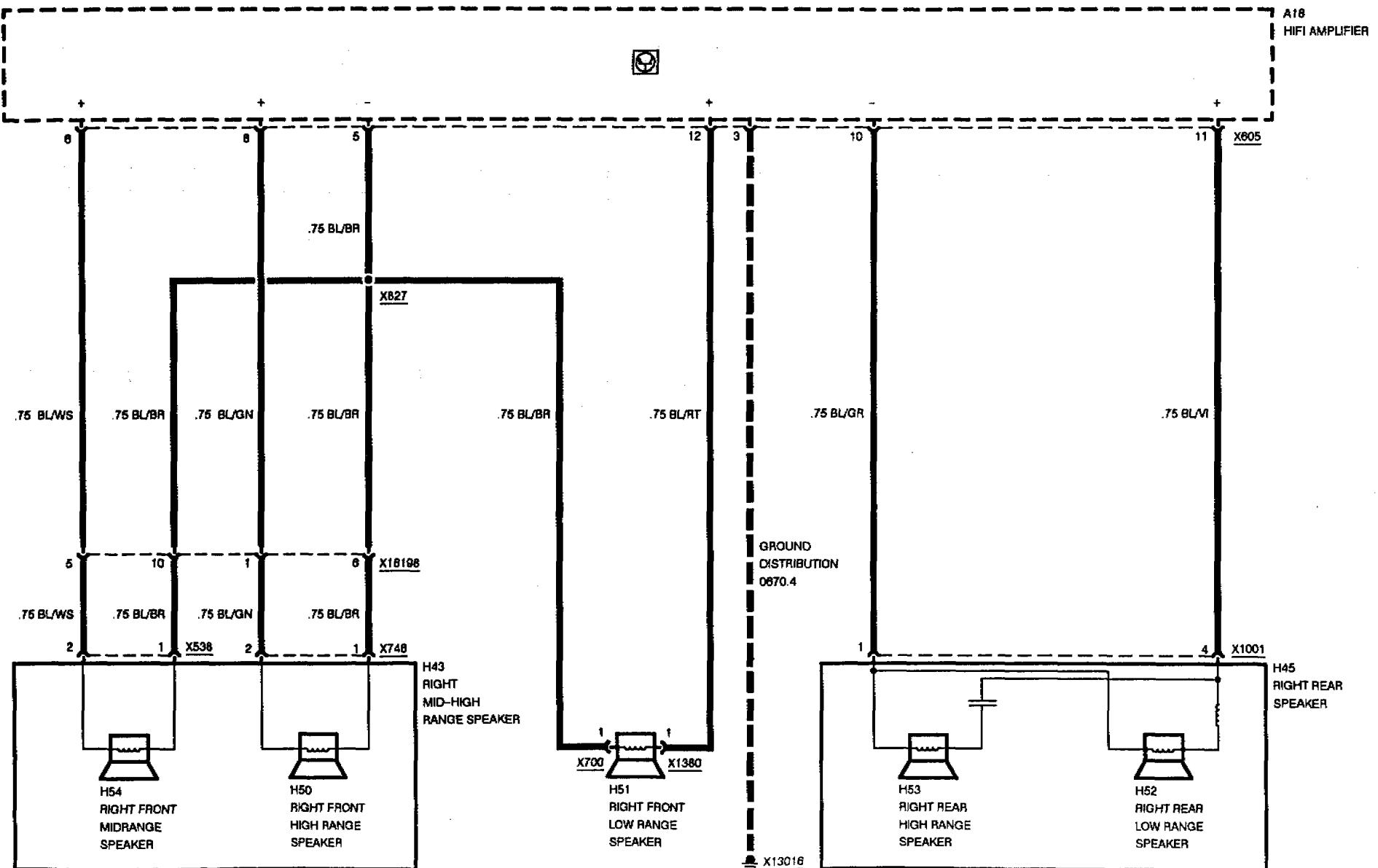
HIFI, 10-SPEAKER SYSTEM

11/92

6510.1-01

1992



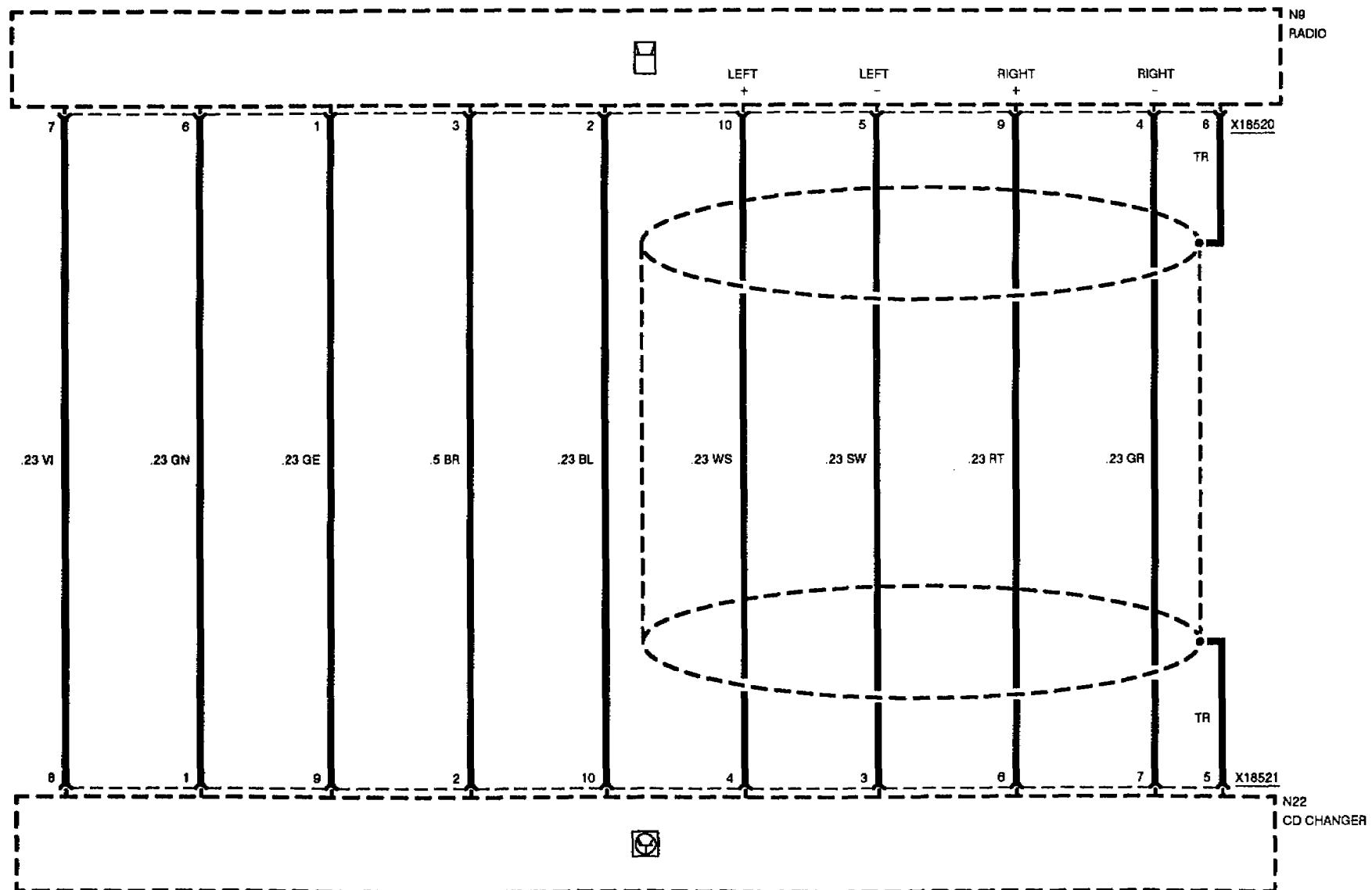




RADIO/HIFI

HIFI WITH CD, 10-SPEAKER SYSTEM

11/92



6510.1-03

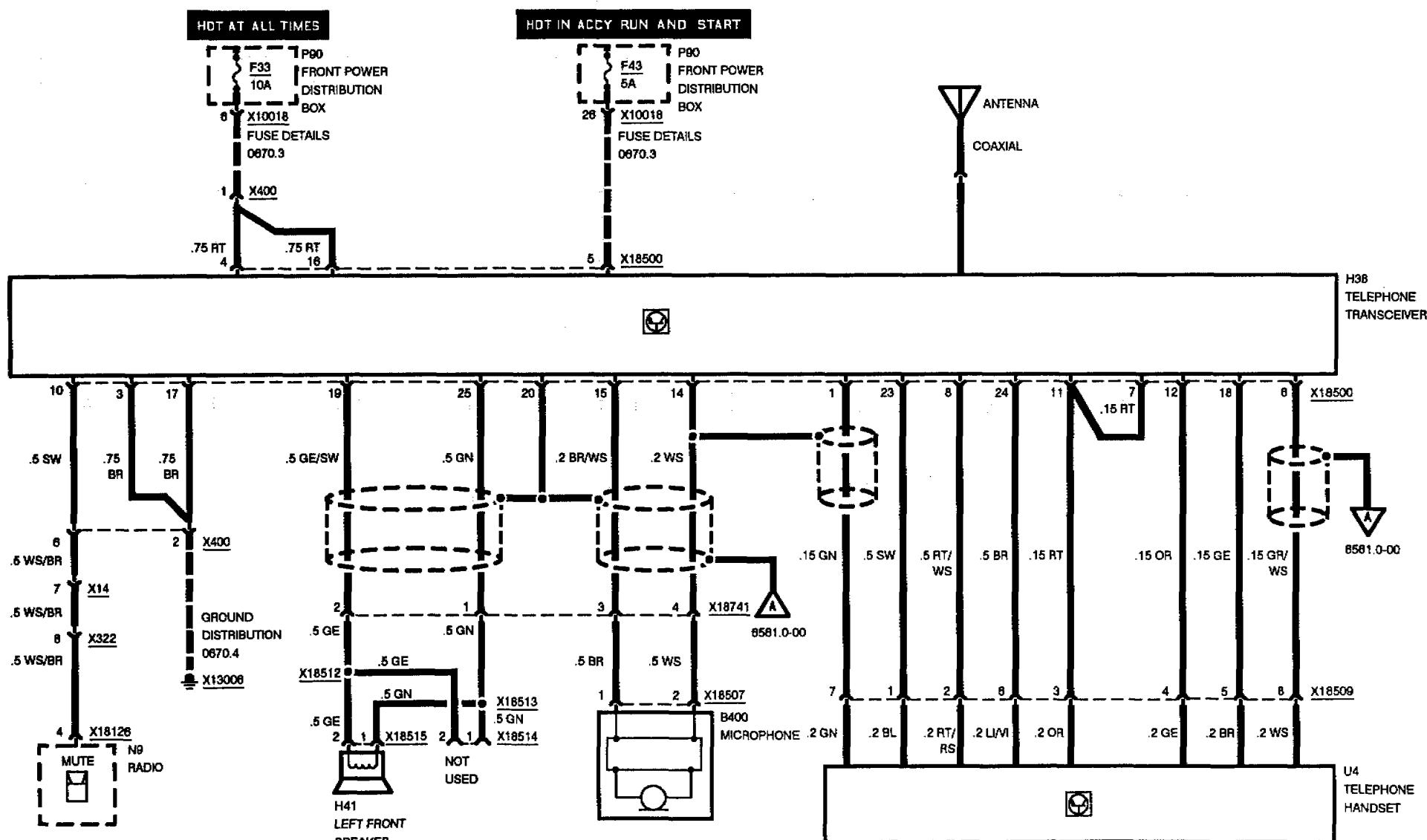
1992



CELLULAR TELEPHONE (PROVISIONS)

AMPS SYSTEM

11/92



- 6561.0-00 -

1992



6571.0

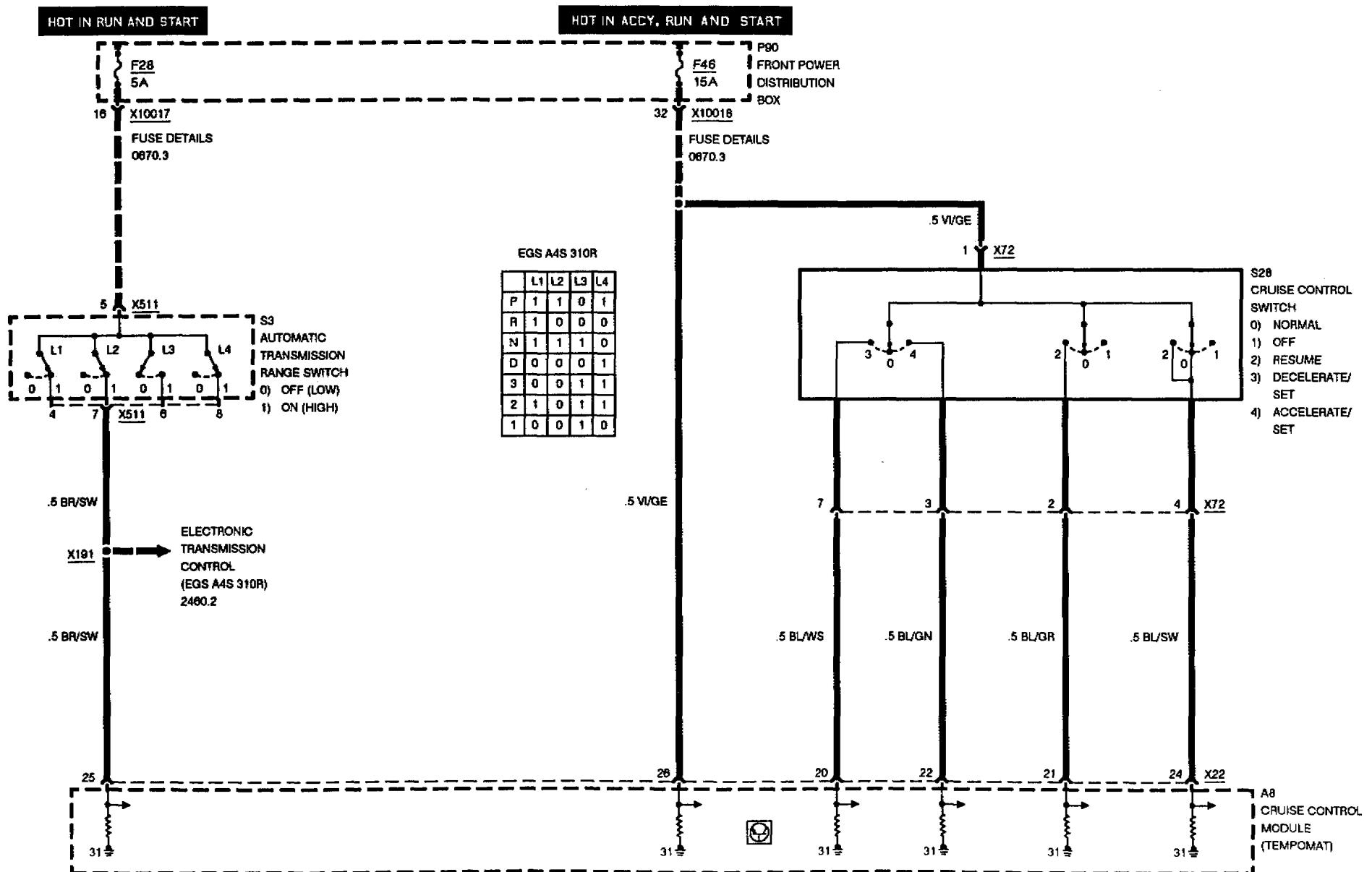


CRUISE CONTROL (TEMPOMAT)

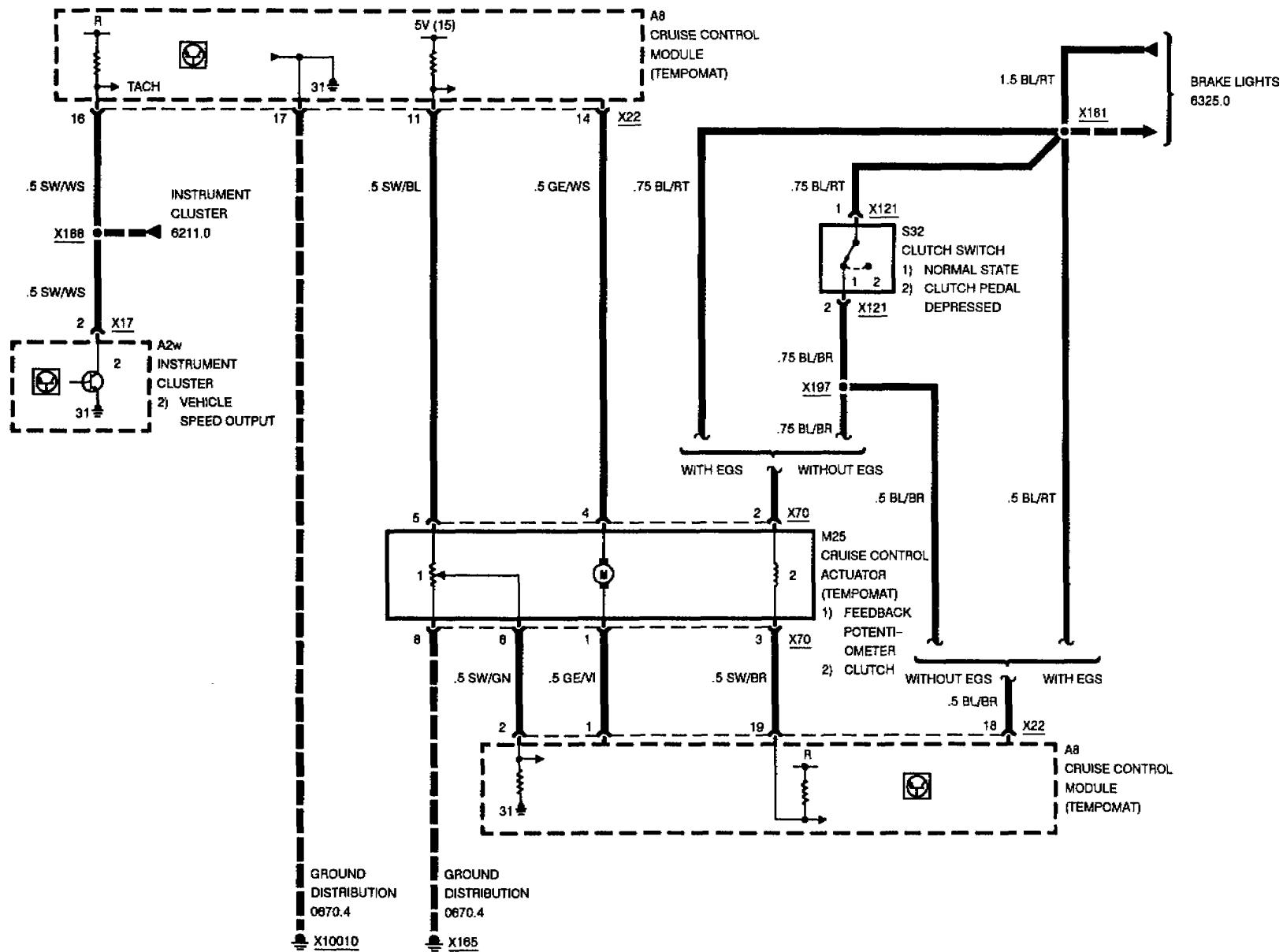
11/92

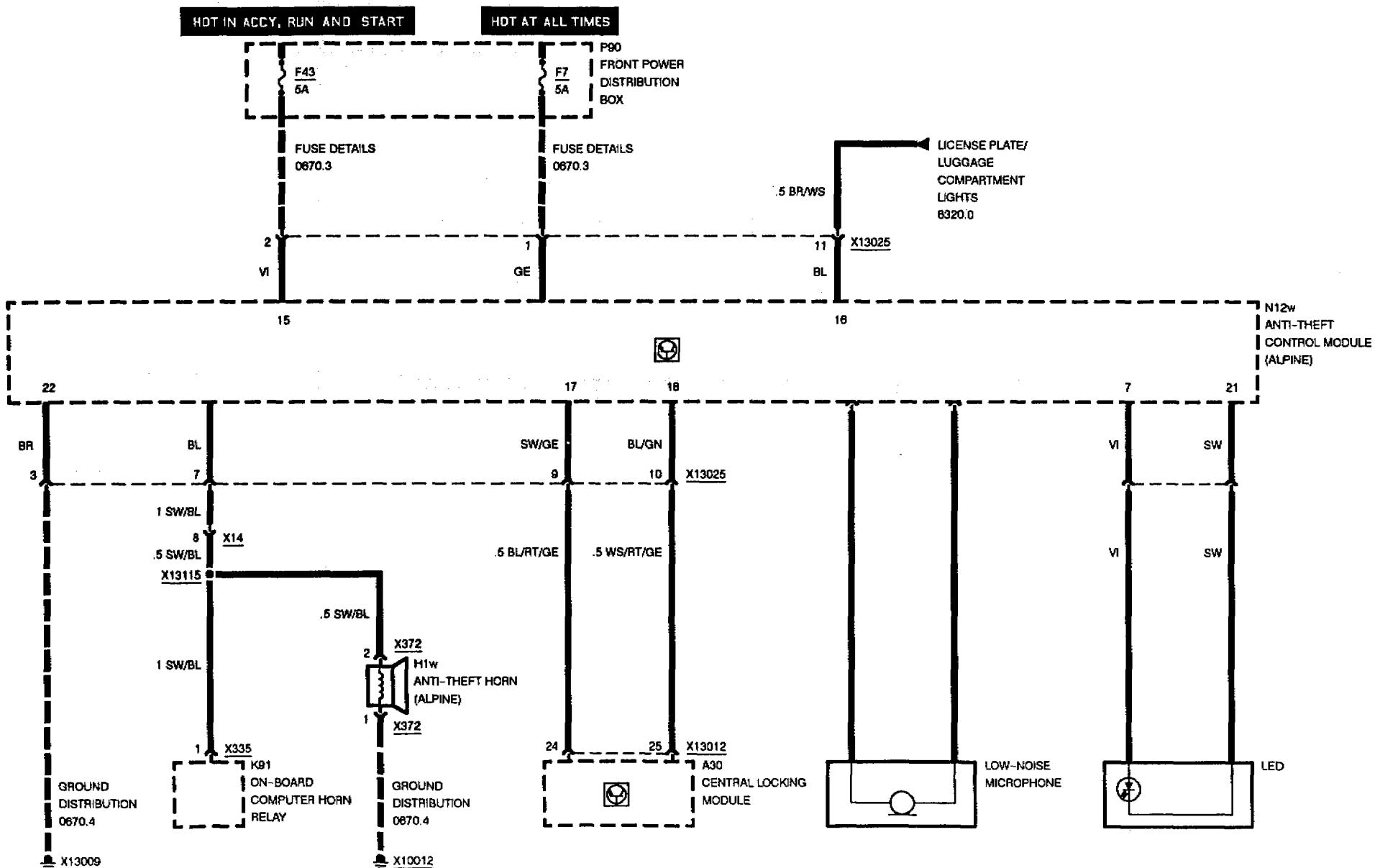
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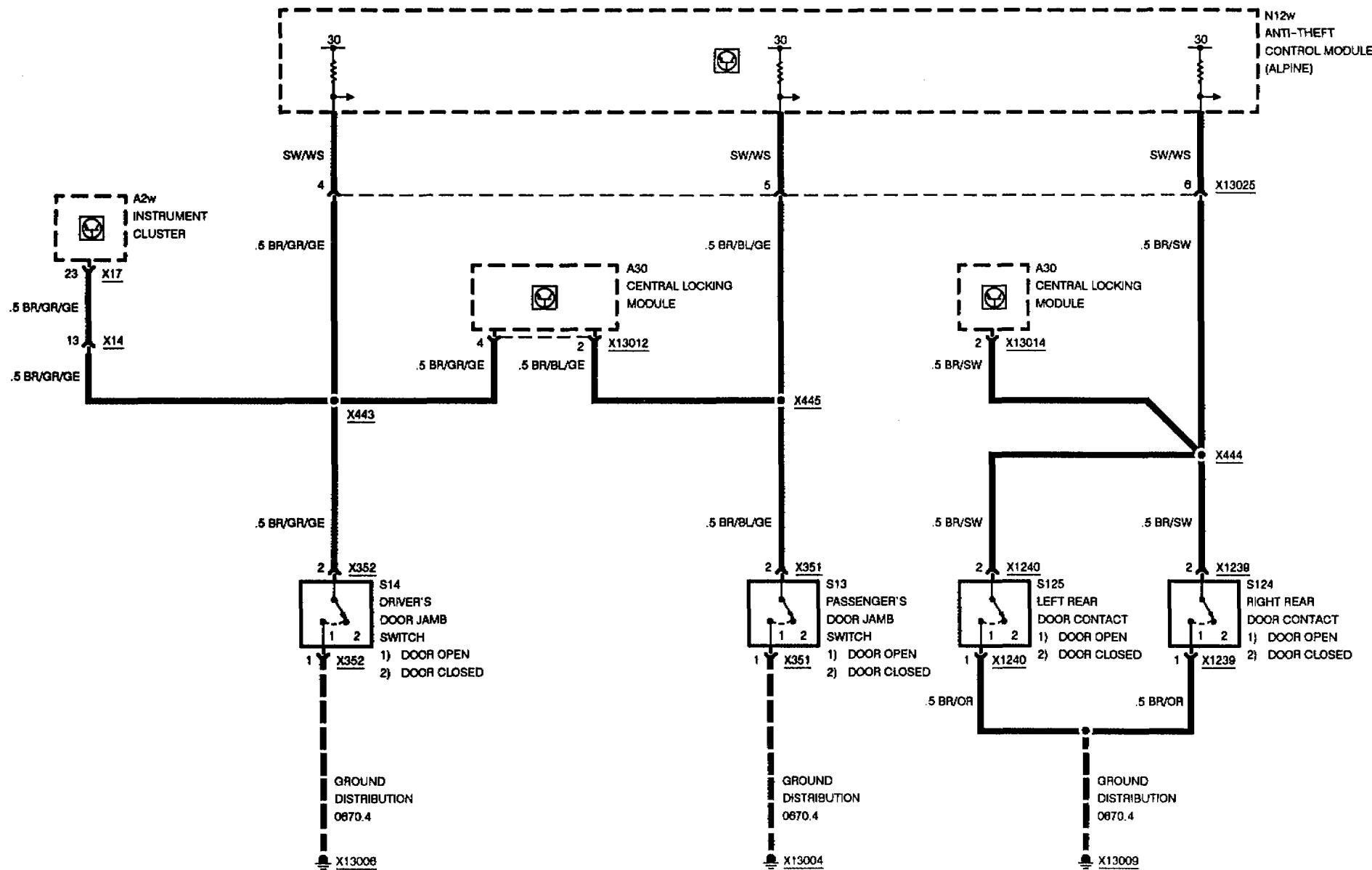
1992



CRUISE CONTROL (TEMPOMAT)



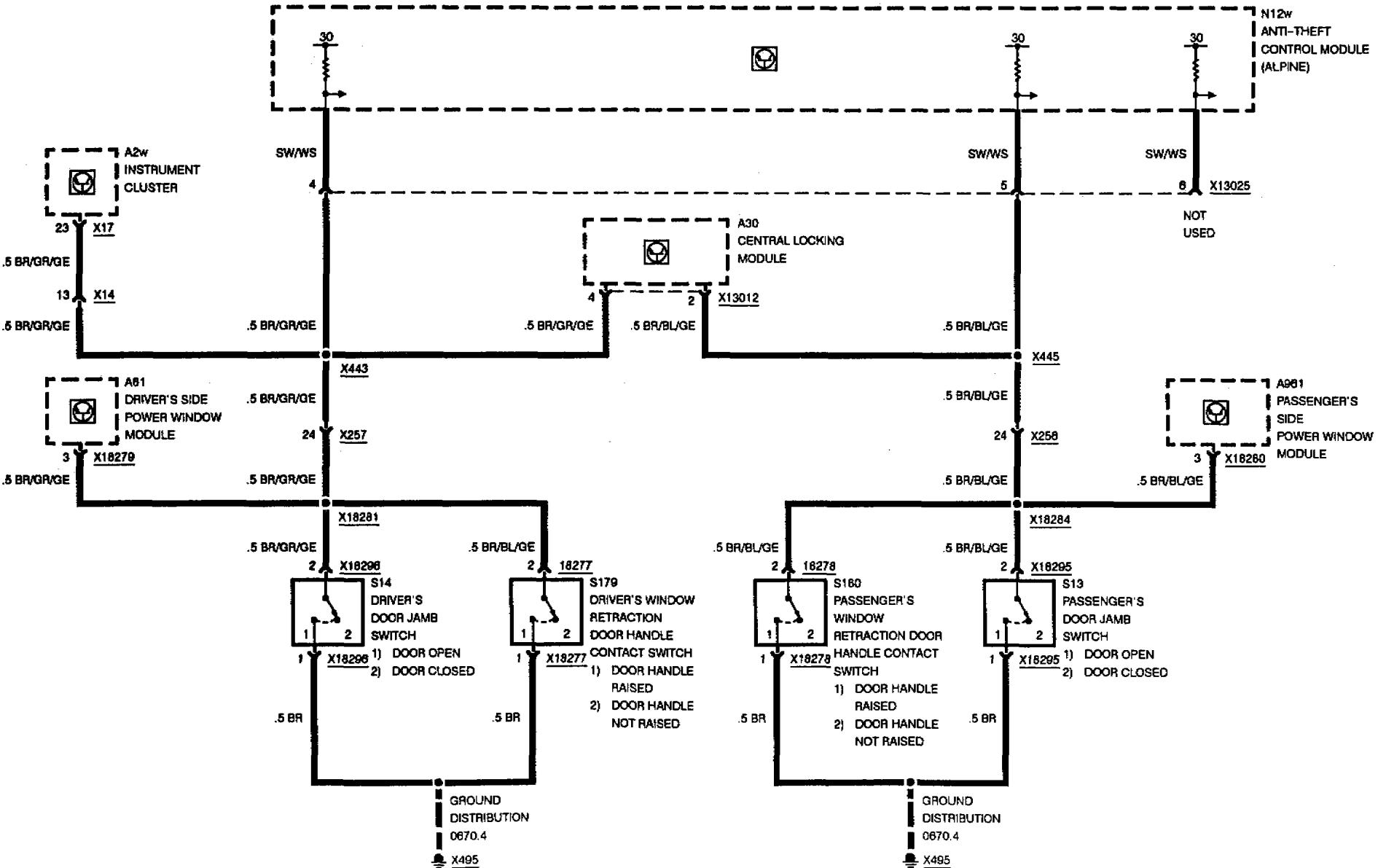




ANTI-THEFT SYSTEM (ALPINE)

FRONT AND REAR DOOR JAMB SWITCHES

TWO-DOOR





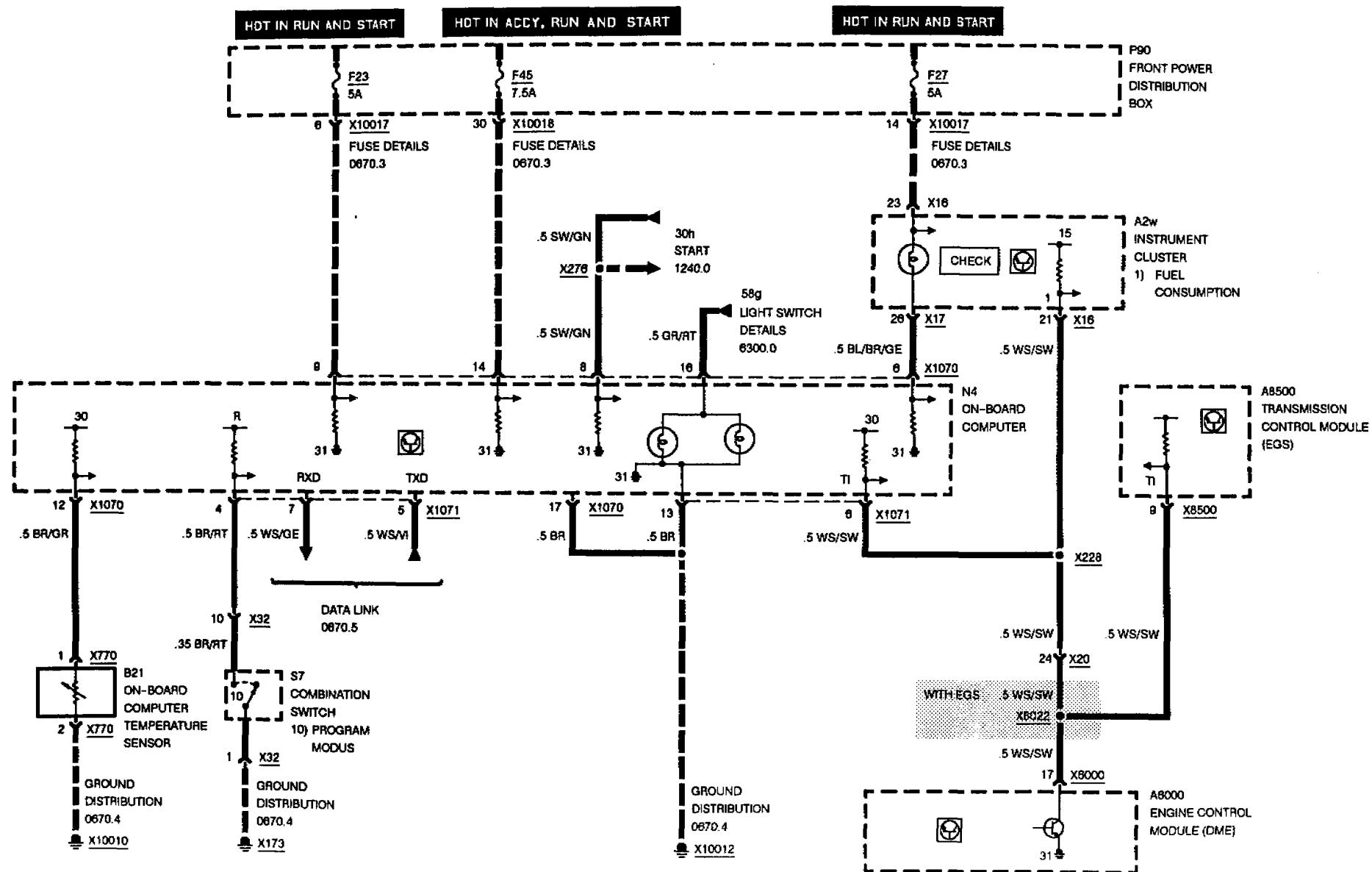
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6575.2-03



ON-BOARD COMPUTER (BC V)

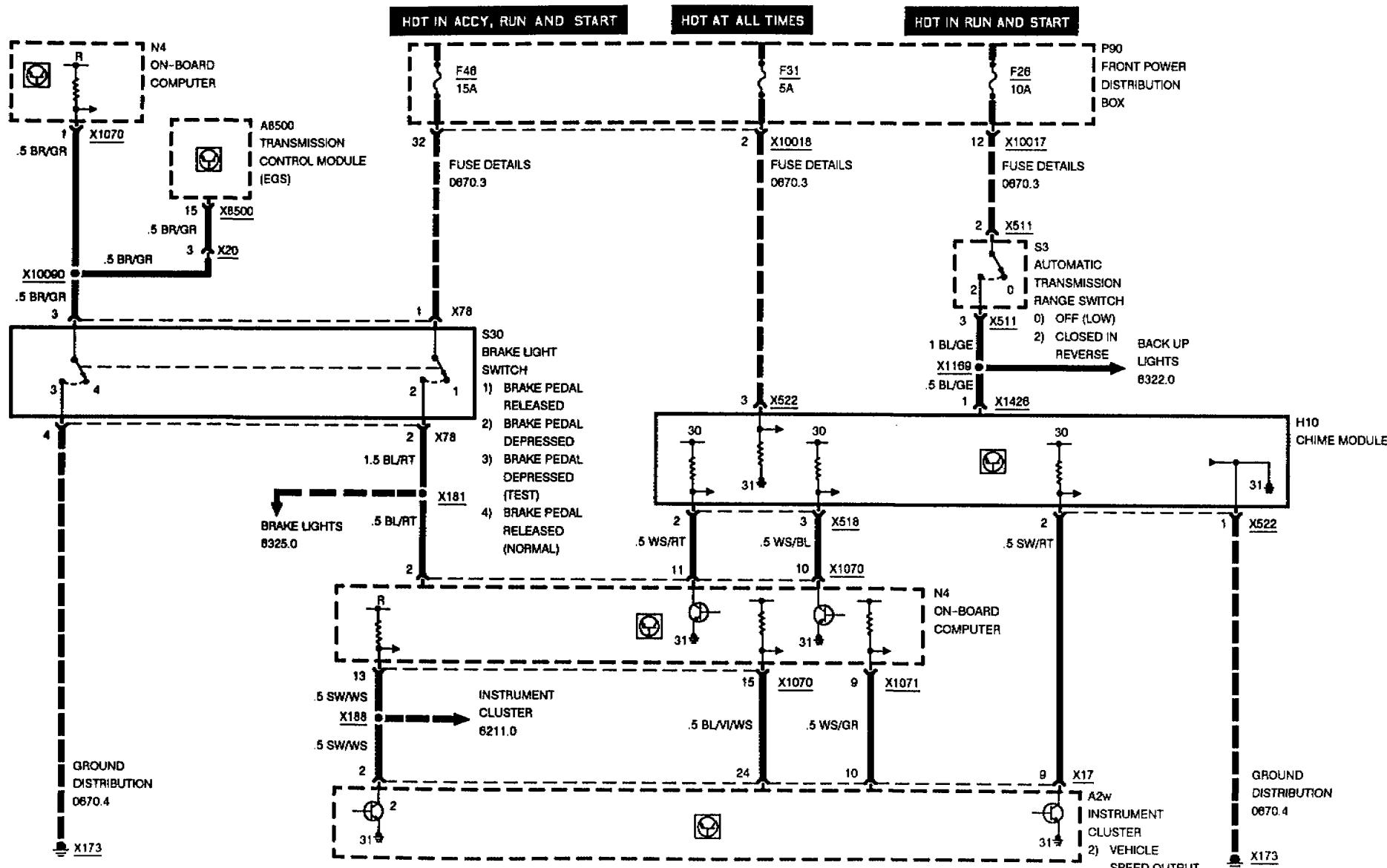
POWER





ON-BOARD COMPUTER (BC V)

CHIME, CHECK MODULE





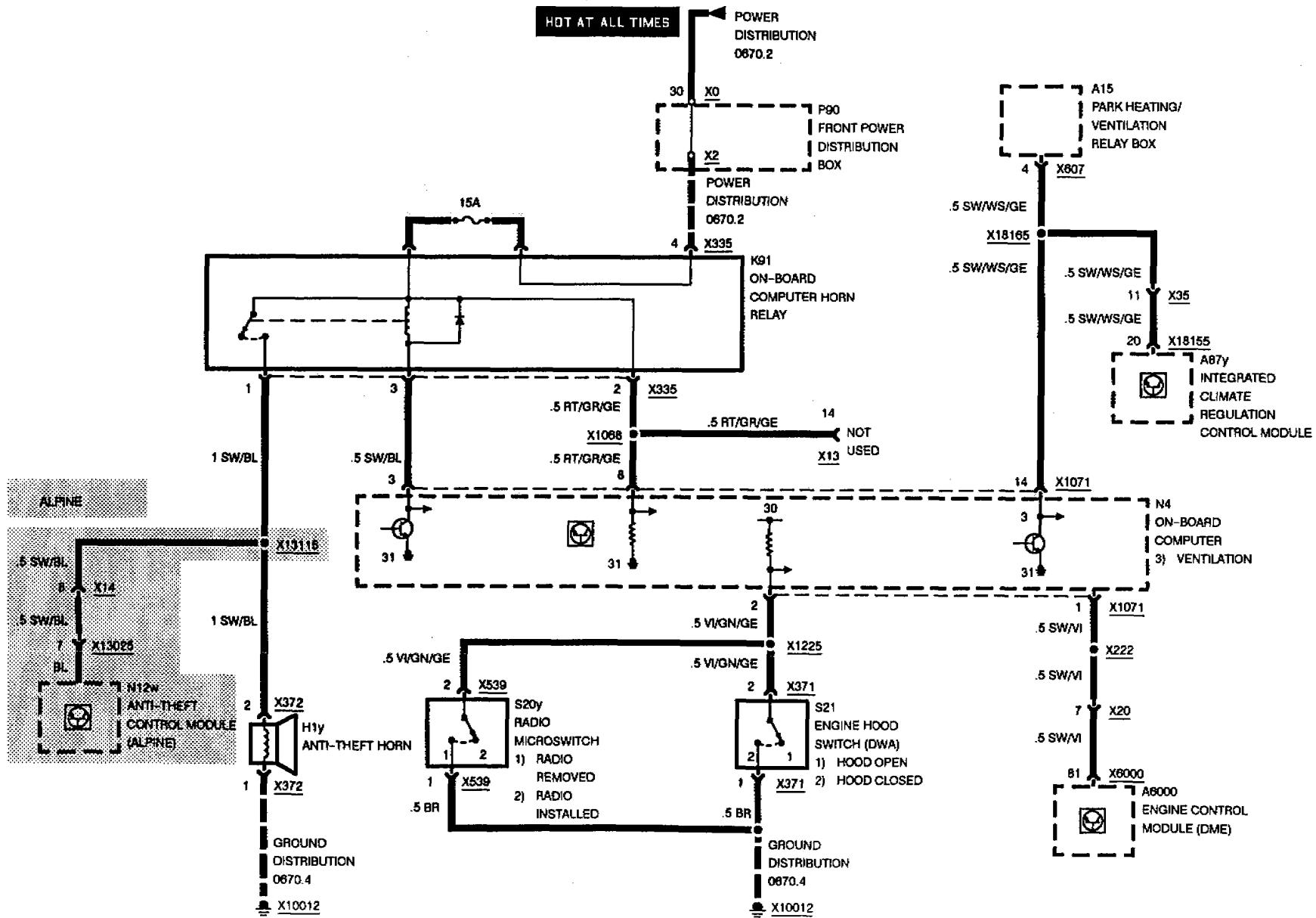
ON-BOARD COMPUTER (BC V)

ANTI-THEFT HORN, PARK VENTILATION

11/92

6581.2-02

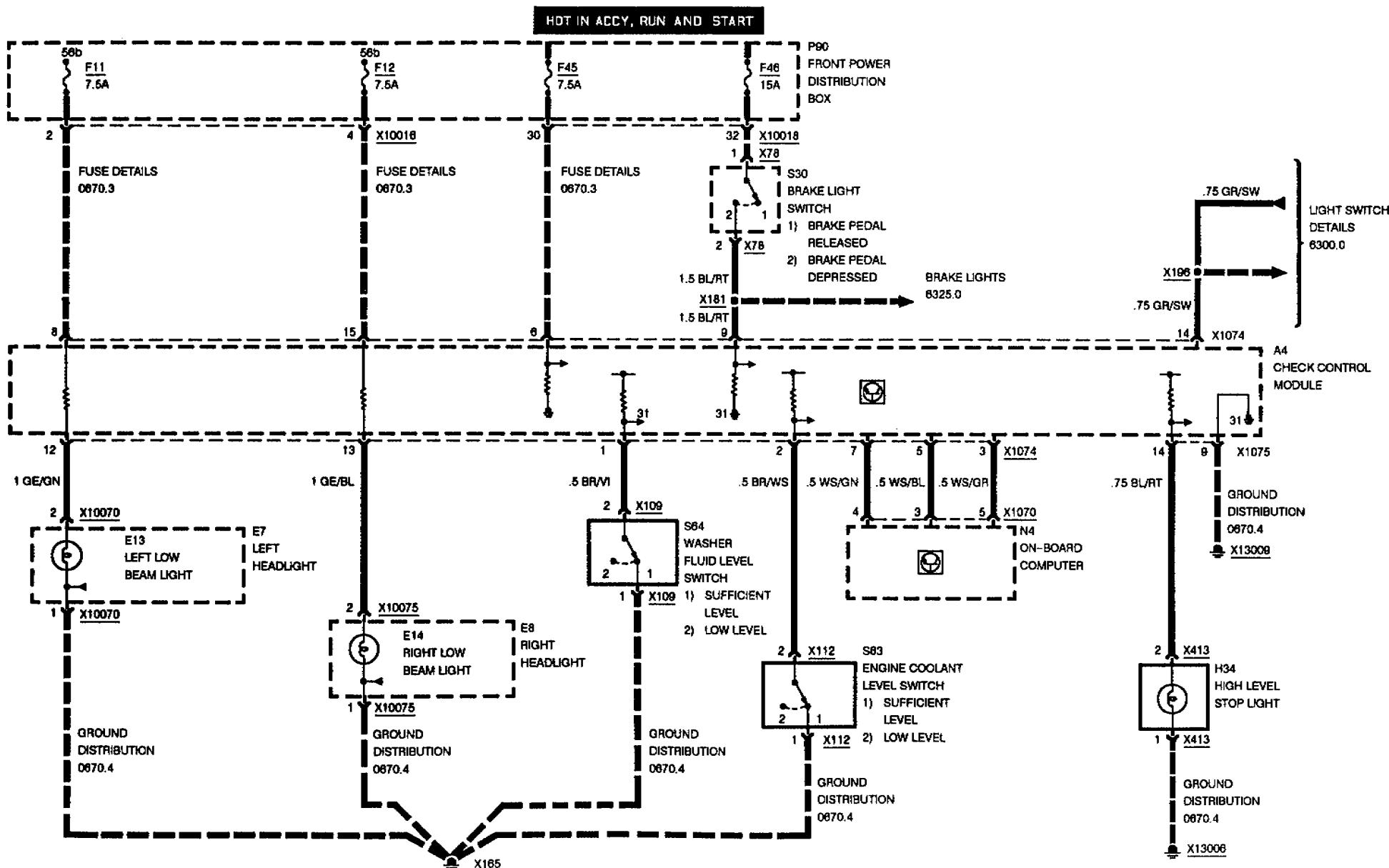
1992





ON-BOARD COMPUTER (BC V)

CHECK CONTROL

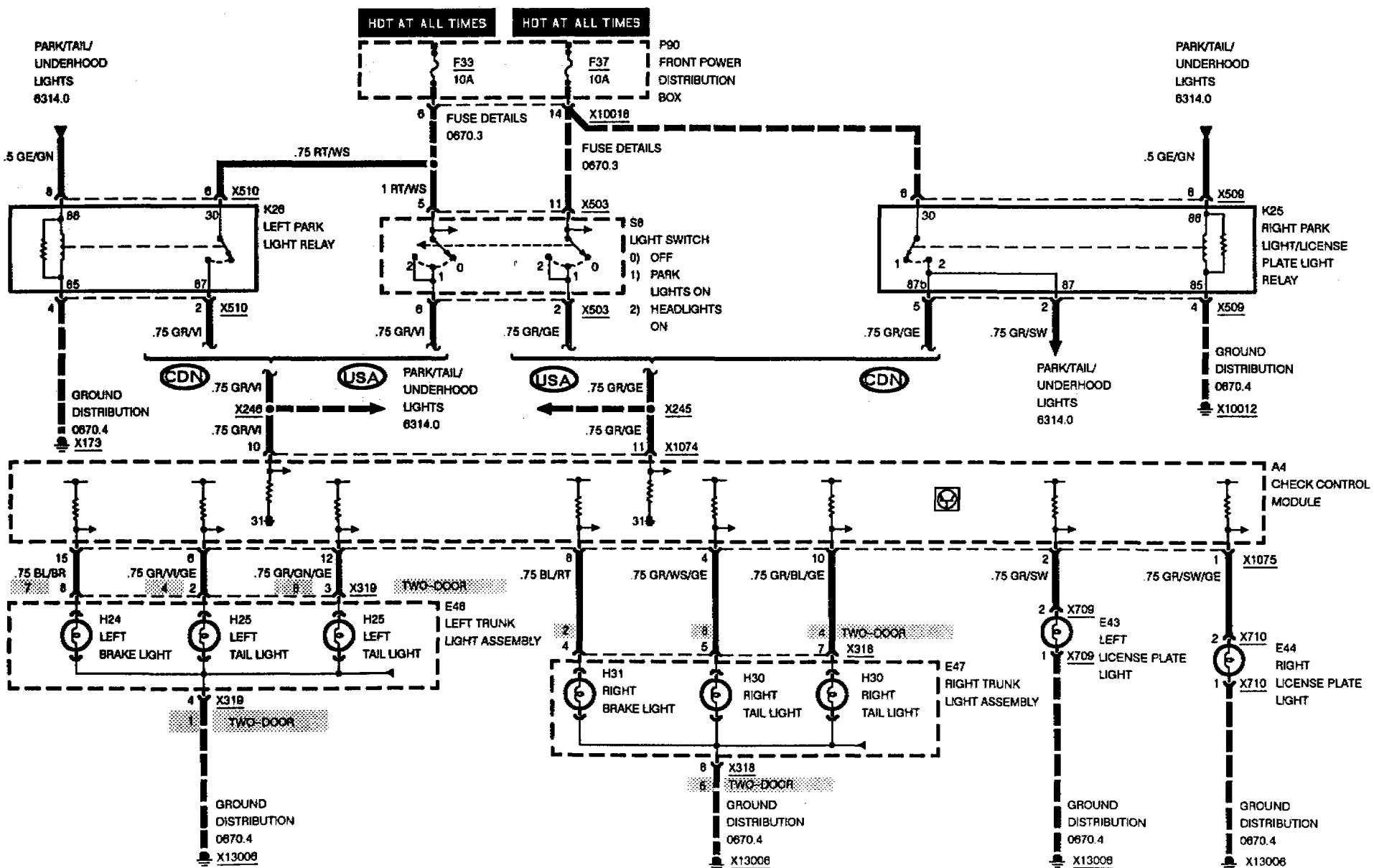




ON-BOARD COMPUTER (BC V)

CHECK CONTROL

1/92





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7000.0



COMPONENT LOCATION CHART

11/92

COMPONENT

PAGE - FIGURE
7100.0 8500.0

A2 INSTRUMENT CLUSTER	LH side of dash	22-1
A4 CHECK CONTROL MODULE	Below LH side of dash	00-3
A4 CHECK CONTROL MODULE	Below LH side of dash	25-2
A7 SLIP CONTROL MODULE (ABS)	Below RH side of dash	01-1
A7 SLIP CONTROL MODULE (ABS)	Below RH side of dash	27-1
A8 CRUISE CONTROL MODULE (TEMPOMAT) ..	Below RH side of dash	02-1
A8 CRUISE CONTROL MODULE (TEMPOMAT) ..	Below RH side of dash	27-3
A12 ... SUPPLEMENTAL RESTRAINT SYSTEM CONTROL MODULE	Below RH side of dash	02-1
A12 ... SUPPLEMENTAL RESTRAINT SYSTEM CONTROL MODULE	Below RH side of dash	27-2
A15 ... PARK HEATING/VENTILATION RELAY BOX ..	Below LH side of dash	02-3
A15 ... PARK HEATING/VENTILATION RELAY BOX ..	Below LH side of dash	24-2
A18 ... HIFI AMPLIFIER	In LH forward side of luggage compartment	01-2
A18 ... HIFI AMPLIFIER	In LH forward side of luggage compartment	34-2
A30 ... CENTRAL LOCKING MODULE	Below RH side of dash	01-1
A30 ... CENTRAL LOCKING MODULE	Below RH side of dash	27-2
A51 ... WIPER/WASHER MODULE	Footwell, driver's side	00-2
A51 ... WIPER/WASHER MODULE	Footwell, driver's side	25-1
A56 ... SUNROOF CONTROL ASSEMBLY	In roof panel	18-2

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A61 ... DRIVER'S SIDE POWER WINDOW MODULE	Driver's door	31-2
A64 ... WIPER/WASHER MODULE (LOW II)	Footwell, driver's side	25-1
A64 ... WIPER/WASHER MODULE (LOW II)	LH side of LH footwell under footrest	
A87y ... INTEGRATED CLIMATE REGULATION CONTROL MODULE	Center console on-board computer (removed)	30-3
A961 ... PASSENGER'S SIDE POWER WINDOW MODULE	Passenger's door	32-2
A6000 ... ENGINE CONTROL MODULE (DME)	Rear RH side of engine compartment in E-Box	00-1
A6000 ... ENGINE CONTROL MODULE (DME)	Rear RH side of engine compartment in E-Box	10-3
A8500 ... TRANSMISSION CONTROL MODULE (EGS)	Rear RH side of engine compartment in E-Box	00-1
A8500 ... TRANSMISSION CONTROL MODULE (EGS)	Rear RH side of engine compartment in E-Box	10-3
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	19-3
B10 ... VEHICLE SPEED SENSOR	Under rear of car	09-2
B13 ... OUTSIDE TEMPERATURE SENSOR	Rear of engine compartment behind RH fresh air cowl	13-1
B14 ... EVAPORATOR TEMPERATURE SENSOR	LH side of IHKR Plenum	25-3
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	

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B18 ... BRAKE FLUID LEVEL SWITCH	Rear LH side of engine compartment top of brake fluid reservoir	12-2
B21 ... ON-BOARD COMPUTER TEMPERATURE SENSOR	Front RH side of engine compartment	
B8y ... PRESSURE SWITCH	Front RH side of engine compartment	17-2
B8y ... PRESSURE SWITCH	Front RH side of engine compartment	
B9y ... PRESSURE SWITCH	Front RH side of engine compartment	17-2
B9y ... PRESSURE SWITCH	Front RH side of engine compartment	
B25y ... FUEL TANK SENSOR II	Below RH side of rear seat	20-1
B6200 . HEATED OXYGEN SENSOR	On RH side of transmission (318is)	08-1
B6200 . HEATED OXYGEN SENSOR	Under center of car (325i)	08-2
B6203 . CRANKSHAFT POSITION/RPM SENSOR	Under front of car (325i)	07-1
B6203 . CRANKSHAFT POSITION/RPM SENSOR	Under RH front of car rear of radiator (318is)	07-2
B6204 . CAMSHAFT POSITION SENSOR (CYLINDER IDENTIFICATION)	RH front of engine (325i)	14-3
B6205 . INTAKE AIR TEMPERATURE SENSOR	LH side of engine on intake manifold below	15-2
B6206 . MASS AIR FLOW SENSOR	LH side of engine (325i)	15-3
B6231 . OIL PRESSURE SWITCH	Rear of engine (318is)	13-2
B6231 . OIL PRESSURE SWITCH	RH front of engine (325i)	14-3
B6232 . ENGINE COOLANT TEMPERATURE SENSOR	RH front of engine (325i)	15-1
B6236 . ENGINE COOLANT TEMPERATURE SENSOR	RH front of engine (325i)	14-3
B6241 . CYL. 1-2 KNOCK SENSOR	LH side of engine	

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B6242 . CYL. 3-4 KNOCK SENSOR	LH side of engine	
B9508 . PRESSURE SWITCH	Front RH side of engine compartment	17-2
C101 .. CONTACT RING	Top of steering column	21-1
C900 .. SUPPRESSION FILTER	In lower RH C-pillar	20-2
D100 .. DATA LINK CONNECTOR	Back of RH side shock tower	10-1
E9 REAR DEFOGGER I	In lower RH C-pillar	20-2
E10 REAR DEFOGGER/ANTENNA	In rear window	
E25 FRONT ASHTRAY LIGHT	Center console	28-2
E26 LEFT FOG LIGHT	Under LH front bumper	06-1
E27 RIGHT FOG LIGHT	Under RH front bumper	06-1
E29 FRONT CIGAR LIGHTER LIGHT	Center console near gearshift lever	30-1
E34 FRONT DOME LIGHT/MAP READING ASSEMBLY	In roof panel	18-1
E39 LEFT REAR INTERIOR LIGHT	In lower LH C-pillar	20-3
E40 RIGHT REAR INTERIOR LIGHT	In lower RH C-pillar	20-2
E43 LEFT LICENSE PLATE LIGHT	Underside of trunk lid, near license plate	35-1
E44 RIGHT LICENSE PLATE LIGHT	Underside of trunk lid, near license plate	35-1
E28y REAR ASHTRAY LIGHT	Center console	28-2
F56 AUTOMATIC CUT-OUT	LH side of dash	21-3
G1 BATTERY	In RH rear side of luggage compartment (325i)	34-1
G5 DRIVER'S AIR BAG GENERATOR	Behind steering wheel	21-1



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G6430 .	B+ JUMP START JUNCTION POINT	Back of RH side shock tower	03-3
G6430 .	B+ JUMP START JUNCTION POINT	Back of RH side shock tower	10-1
G6509 .	GENERATOR	LH side of engine compartment (325i)	
H10 ...	CHIME MODULE	Below LH side of dash	
H1y ...	ANTI-THEFT HORN	Back of RH side shock tower	10-2
H38 ...	TELEPHONE TRANSCEIVER	In luggage compartment	01-2
K1	STARTER RELAY	Below LH side of dash	24-3
K2	HORN RELAY	Rear LH side of engine compartment in Power Distribution Box	11-3
K4	BLOWER RELAY	Rear LH side of engine compartment in Power Distribution Box	11-3
K9	UNLOADER RELAY, TERMINAL 15	Below LH side of dash	24-3
K10 ...	ABS RELAY	Rear LH side of engine compartment in Power Distribution Box	11-2
K11 ...	WIPER RELAY	Below LH side of dash	24-3
K13 ...	REAR DEFOGGER RELAY	Rear LH side of engine compartment in Power Distribution Box	11-2
K16 ...	HAZARD FLASHER RELAY	Rear LH side of engine compartment in Power Distribution Box	11-3
K18 ...	UNLOADER RELAY TERMINAL R	Below LH side of dash	24-1
K19 ...	COMPRESSOR CONTROL RELAY	Rear LH side of engine compartment in Power Distribution Box	11-1
K21 ...	NORMAL SPEED RELAY	Rear LH side of engine compartment in Power Distribution Box	11-1
K22 ...	HIGH SPEED RELAY	Rear LH side of engine compartment in Power Distribution Box	11-1



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K25 ...	RIGHT PARK LIGHT/LICENSE PLATE LIGHT RELAY	RH side of dash behind glove box	
K26 ...	LEFT PARK LIGHT RELAY	RH side of dash behind glove box	
K46 ...	HIGH BEAM LIGHT RELAY	Rear LH side of engine compartment in Power Distribution Box	11-3
K47 ...	FRONT FOG LIGHT RELAY	Rear LH side of engine compartment in Power Distribution Box	11-3
K48 ...	LOW BEAM LIGHT RELAY	Rear LH side of engine compartment in Power Distribution Box	11-3
K53 ...	WIPER MOTOR RELAY	Below LH side of dash	24-3
K75 ...	ABS PUMP MOTOR RELAY	Rear LH side of engine compartment in Power Distribution Box	11-2
K78 ...	COMFORT RELAY	Below LH side of dash	
K6300 .	ENGINE CONTROL MODULE RELAY	Rear LH side of engine compartment in Power Distribution Box	11-2
K6301 .	CYL. 1-6 FUEL PUMP RELAY	Rear LH side of engine compartment in Power Distribution Box	11-2
K6303 .	OXYGEN SENSOR RELAY	Rear LH side of engine compartment in Power Distribution Box	11-2
M2	FUEL PUMP	Below RH side of rear seat	20-1
M3	WIPER MOTOR	Rear of engine compartment left	12-3
M4	WASHER PUMP	Front RH side of engine compartment on washer fluid reservoir	16-3
M5	INTENSIVE WASH PUMP	Front RH side of engine compartment	
M7	HEADLIGHT/FOG LIGHT WASHER PUMP	Front RH side of engine compartment on washer fluid reservoir	16-2
M9	AUXILIARY FAN MOTOR	Behind front grille	
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	

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M14 ... RIGHT REAR DOOR LOCK MOTOR	In lower RH rear door behind trim panel	
M15 ... LEFT REAR DOOR LOCK MOTOR	In lower LH rear door behind trim panel	
M16 ... GAS FILLER LOCK MOTOR	In RH rear side of luggage compartment	34-1
M17 ... TRUNK LOCK MOTOR	Rear side of luggage compartment	
M20 ... LEFT REAR WINDOW MOTOR	In lower LH rear door behind trim panel	
M22 ... RIGHT REAR WINDOW MOTOR	In lower RH rear door behind door panel	
M23 ... PASSENGER'S WINDOW MOTOR	Passenger's door	32-3
M24 ... SUNROOF MOTOR	In roof panel	18-2
M24 ... SUNROOF MOTOR	Center of windshield header	
M25 ... CRUISE CONTROL ACTUATOR (TEMPOMAT)	Front LH side of engine compartment	16-1
M30 ... BLOWER MOTOR	Rear of engine compartment behind RH fresh air cowl	13-1
M34 ... DASH VENT MIXING FLAP MOTOR	Behind center of dashboard LH side of IHKR Plenum	26-2
M36 ... FRESH AIR FLAP MOTOR	RH side of IHKR Plenum	31-1
M40 ... RECIRCULATION FLAP MOTOR	Below LH side of dash	26-1
M50 ... DRIVER'S SEAT CUSHION TILT MOTOR	Under LH front seat	
M51 ... DRIVER'S SEAT MOVEMENT MOTOR	Under LH front seat	
M52 ... DRIVER'S SEAT HEIGHT MOTOR	Under LH front seat	
M53 ... DRIVER'S SEATBACK RECLINER MOTOR ...	Under LH front seat	
M58 ... PASSENGER'S SEATBACK RECLINER MOTOR	Under RH front seat	
N3 ... DIMMER	Below LH side of dash	02-3



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N3 DIMMER	Below LH side of dash	24-2
N4 ON-BOARD COMPUTER	Center console	
N5 ANALOG CLOCK	Center console	
N6 HEADLIGHT/FOGLIGHT CLEANING MODULE (SRA)	Below LH side of dash	02-3
N6 HEADLIGHT/FOGLIGHT CLEANING MODULE (SRA)	Below LH side of dash	24-2
N8 ANTENNA AMPLIFIER AM/FM	In lower LH C-pillar	01-3
N8 ANTENNA AMPLIFIER AM/FM	In lower LH C-pillar	20-3
N9 RADIO	Center console	
N10 ... MULTI-FUNCTION CLOCK	Center console	
N17 ... CRASH CONTROL MODULE	Below LH side of dash	02-3
N17 ... CRASH CONTROL MODULE	Below LH side of dash	24-1
N20 ... RADIO RECEIVER	In RH forward side of luggage compartment	
N21 ... TWIN RELAY MODULE	Below LH side of dash	02-3
N21 ... TWIN RELAY MODULE	Below LH side of dash	24-1
N22 ... CD CHANGER	Center console	02-2
N22 ... CD CHANGER	Center console	
N12w.. ANTI-THEFT CONTROL MODULE (ALPINE) ..	Below RH side of dash	02-1
N12w.. ANTI-THEFT CONTROL MODULE (ALPINE) ..	Below RH side of dash	27-2
P90 ... FRONT POWER DISTRIBUTION BOX	Rear LH side of engine compartment in Power Distribution Box	03-1
P90 ... FRONT POWER DISTRIBUTION BOX	Rear LH side of engine compartment in Power Distribution Box	11-1



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R11 ... BLOWER RESISTORS	Behind center of dashboard LH side of IHKR Plenum	26-1
R6252 . THROTTLE POSITION SENSOR	LH side of engine on intake manifold (318is)	13-3
R6252 . THROTTLE POSITION SENSOR	LH side of engine (325i)	15-2
S2 IGNITION SWITCH	Top of steering column	21-2
S3 AUTOMATIC TRANSMISSION RANGE SWITCH	Center console near gearshift lever	29-1
S4 HORN SWITCH	Top of steering column	21-1
S5 WIPER/WASHER SWITCH	RH side of steering column above	21-2
S7 COMBINATION SWITCH	LH side of dash	21-3
S8 LIGHT SWITCH	LH side of dash	
S10 ... FOG LIGHT SWITCH	LH side of dash	
S13 ... PASSENGER'S DOOR JAMB SWITCH	In lower RH B-pillar	33-3
S14 ... DRIVER'S DOOR JAMB SWITCH	In lower LH B-pillar	33-3
S15 ... REAR RIGHT DOOR JAMB SWITCH	In lower RH C-pillar	
S16 ... LEFT REAR DOOR JAMB SWITCH	In lower LH C-pillar	
S17 ... MIRROR CONTROL SWITCH	LH front door	
S18 ... HAZARD SWITCH	Center console near gearshift lever	29-1
S27 ... INERTIA SWITCH	In lower RH A-pillar	
S28 ... CRUISE CONTROL SWITCH	RH side of steering column above	21-2
S29 ... BRAKE LIGHT SWITCH	On brake pedal support bracket	23-1
S30 ... BRAKE LIGHT SWITCH	On brake pedal support bracket	23-2



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S31 ... PARK BRAKE SWITCH	On rear of park brake lever	28-2
S32 ... CLUTCH SWITCH	On clutch pedal support bracket	23-1
S36 ... TEMPERATURE SWITCH	Front RH side of engine compartment	17-3
S37 ... GLOVE BOX LIGHT SWITCH	Behind glove box right	28-1
S38 ... SUNROOF SWITCH	In roof panel	18-2
S41 ... LEFT REAR WINDOW SWITCH	In lower LH rear door behind trim panel	
S42 ... RIGHT REAR WINDOW SWITCH	In lower RH rear door behind trim panel	
S47 ... DRIVER'S DOOR LOCK SWITCH	Driver's door	
S48 ... DRIVER'S DOOR HANDLE SWITCH	Driver's door	
S49 ... PASSENGER'S DOOR LOCK SWITCH	Pasenger's door	
S51 ... DRIVER'S SEAT SEAT CONTROL SWITCH ...	Center console	
S52 ... DRIVER'S SEAT LUMBAR SWITCH	Center console	
S53 ... DRIVER'S SEAT, SEAT HEATER SWITCH	Center console near gearshift lever	30-1
S54 ... PASSENGER'S SEAT, SEAT HEATER SWITCH	Center console near gearshift lever	29-3
S56 ... PASSENGER'S SEAT, SEAT CONTROL SWITCH	Center console	
S58 ... DRIVER'S SEAT BELT SWITCH		
S63 ... ENGINE COOLANT LEVEL SWITCH	Front RH side of engine compartment	
S64 ... WASHER FLUID LEVEL SWITCH	Front RH side of engine compartment on washer fluid reservoir	16-3
S71 ... LEFT FRONT IMPACT SENSOR	LH side of engine compartment	
S72 ... RIGHT FRONT IMPACT SENSOR	Front RH side of engine compartment	16-2

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S75 ... BLOWER SWITCH	Center of dash under the control modules	
S77 ... DRIVER'S MAKEUP MIRROR SWITCH	Above LH sun visor	
S78 ... PASSENGER'S MAKEUP MIRROR SWITCH ..	Above RH sun visor	
S123 ... ABS PEDAL TRAVEL SENSOR	Rear LH side of engine compartment near brake master cylinder	12-1
S124 ... RIGHT REAR DOOR CONTACT	Rear RH door pillar	33-2
S125 ... LEFT REAR DOOR CONTACT	LH rear door jamb	33-2
S130 ... CHILD PROTECTION CONTROL (CONSOLE) .	Center console	
S179 ... DRIVER'S WINDOW RETRACTION DOOR HANDLE CONTACT SWITCH	LH front door in door at key lock assembly	
S180 ... PASSENGER'S WINDOW RETRACTION DOOR HANDLE CONTACT SWITCH	RH front door in door at key lock assembly	
S20y ... RADIO MICROSWITCH	Center console behind radio	22-2
S61y ... TRUNK LIGHT SWITCH	Underside of trunk lid left	35-2
S126y ... DRIVER'S POWER WINDOW SWITCH	Center console near gearshift lever	29-2
S127y ... PASSENGER'S POWER WINDOW SWITCH ..	Center console near gearshift lever	29-2
S128y ... LH REAR DOOR (CONSOLE) POWER WINDOW SWITCH	Center console	
S129y ... RH REAR DOOR (CONSOLE) POWER WINDOW SWITCH	Center console	
S134y ... IHKR CONTROL PANEL	Center of dash	

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S8503 . PROGRAM SWITCH	Center console		
S8507 . KICK-DOWN SWITCH	Below LH side of dash		
S8511 . REVERSING LIGHT SWITCH	Under front of car LH side of transmission EGS A4S 310R	07-3	
T6151 . CYL. 1 IGNITION COIL	Top RH side of engine (325i)	14-2	
T6152 . CYL. 2 IGNITION COIL	Top RH side of engine (325i)	14-2	
T6153 . CYL. 3 IGNITION COIL	Top RH side of engine (325i)	14-2	
T6154 . CYL. 4 IGNITION COIL	Top RH side of engine (325i)	14-2	
T6155 . CYL. 5 IGNITION COIL	Top RH side of engine (325i)	14-2	
T6156 . CYL. 6 IGNITION COIL	Top RH side of engine (325i)	14-2	
U4 TELEPHONE HANDSET	Center console		
V4 DAYTIME RUNNING LIGHTS CODING DIODE	LH side of dash		
X2 BATTERY B+ START POINT	Rear LH side of engine compartment in Power Distribution Box	03-1	
X3 B+ JUNCTION POINT	Rear LH side of engine compartment in Power Distribution Box	03-1	
X3 B+ JUNCTION POINT	Rear LH side of engine compartment in Power Distribution Box		
X9 B+ JUNCTION POINT	Rear LH side of engine compartment in Power Distribution Box	03-1	
X11 ... CONNECTOR (55-PINS, BLACK)	Below RH side of dash	27-1	00-1
X13 ... CONNECTOR (30-PINS, BLACK)	Footwell, driver's side	25-1	00-4
X14 ... CONNECTOR (30-PINS, WHITE)	Footwell, driver's side	25-1	00-4
X16 ... CONNECTOR (26-PINS, WHITE)	LH side of dash rear of A2 instrument cluster	22-1	00-2
X17 ... CONNECTOR (26-PINS, BLUE)	LH side of dash rear of A2 instrument cluster	22-1	00-2



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X20 ... CONNECTOR (25-PINS, BLACK)	Rear LH side of engine compartment near brake master cylinder	12-1	06-2
X22 ... CONNECTOR (26-PINS, BLUE)	Below RH side of dash	27-3	00-2
X31 ... CONNECTOR (12-PINS, BLACK)	Rear LH side of engine compartment	02-2
X32 ... CONNECTOR (12-PINS, WHITE)	Center of steering column	23-3	11-1
X33 ... CONNECTOR (12-PINS, BLACK)	Center of steering column	23-2	03-5
X35 ... CONNECTOR (12-PINS, WHITE)	Below LH side of dash RH side of steering column	26-2	11-1
X43 ... CONNECTOR (9-PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	04-6
X44 ... CONNECTOR (9-PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	04-6
X45 ... CONNECTOR (9-PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	04-6
X51 ... CONNECTOR (9-PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	04-6
X52 ... CONNECTOR (9-PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	04-6
X53 ... CONNECTOR (9-PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	04-6
X54 ... CONNECTOR (9-PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	04-6
X55 ... CONNECTOR (9-PINS, BLACK)	Below LH side of dash	04-6
X56 ... CONNECTOR (9-PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	04-6
X58 ... CONNECTOR (9-PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	04-6
X61 ... CONNECTOR (9-PINS, BLACK)	Below LH side of dash	04-6
X63 ... CONNECTOR (9-PINS, BLACK)	Below LH side of dash	04-6
X64 ... CONNECTOR (9-PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	04-6
X65 ... CONNECTOR (9-PINS, BLACK)	Below LH side of dash	04-6

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X69 ... CONNECTOR (25-PINS, BLACK)	Rear LH side of engine compartment near brake master cylinder	12-1	06-2
X70 ... CONNECTOR (8-PINS, BLACK)	Front LH side of engine compartment	16-1	02-4
X72 ... CONNECTOR (8-PINS, WHITE)	Center of steering column	23-2	04-5
X74 ... CONNECTOR (12-PINS, BLUE)	RH side of dash behind glove box		01-3
X75 ... CONNECTOR (12-PINS, WHITE)	RH side of dash behind glove box		01-3
X78 ... CONNECTOR (4-PINS, BLACK)	On brake pedal support bracket	23-2	04-3
X81 ... CONNECTOR (3-PINS, ORANGE)	LH side of engine compartment		03-4
X82 ... CONNECTOR (3-PINS, BLACK)	Front of engine compartment on auxiliary fan		08-2
X85 ... CONNECTOR (3-PINS, BLACK)	Rear LH side of engine compartment near brake master cylinder	12-2	03-2
X86 ... CONNECTOR (3-PINS, ORANGE)	Front RH side of engine compartment on washer fluid reservoir	16-2	03-4
X87 ... CONNECTOR (3-PINS, BLACK)	Front RH side of engine compartment	17-3	08-2
X99 ... CONNECTOR (9-PINS, BLACK)	Below LH side of dash		04-6
X107 ... CONNECTOR (2-PINS, GRAY)	Front RH side of engine compartment on washer fluid reservoir	16-3	
X109 ... CONNECTOR (2-PINS, GRAY)	Front RH side of engine compartment on washer fluid reservoir	16-3	
X110 ... CONNECTOR (2-PINS, GRAY)	Back of RH side shock tower		10-2
X111 ... CONNECTOR (2-PINS, BLACK)	Rear LH side of engine compartment top of brake fluid reservoir	12-2	
X112 ... CONNECTOR (2-PINS, BLACK)	Front RH side of engine compartment RH top of radiator		
X113 ... CONNECTOR (2-PINS, GRAY)	Behind RH front wheel		06-2
X114 ... CONNECTOR (2-PINS, GRAY)	Behind LH front wheel		06-2
X116 ... CONNECTOR (2-PINS, BLACK)	On brake pedal support bracket	23-1	



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X118 .. CONNECTOR (2-PINS, BLACK)	Above LH front wheel well behind LH front wheel	06-2
X121 .. CONNECTOR (2-PINS, BLACK)	On clutch pedal support bracket	23-1
X123 .. CONNECTOR (2-PINS, GRAY)	Front RH side of engine compartment on washer fluid reservoir	16-2
X126 .. CONNECTOR (2-PINS, BLACK)	Front RH side of engine compartment	17-2
X127 .. CONNECTOR (2-PINS, BLACK)	Front RH side of engine compartment	17-2
X128 .. CONNECTOR (2-PINS, BLACK)	Front RH side of engine compartment	
X132 .. CONNECTOR (2-PINS, BLACK)	Front of engine compartment	
X133 .. CONNECTOR (2-PINS, BLACK)	Front of engine compartment	
X137 .. CONNECTOR (2-PINS, BLACK)	Front LH side of engine compartment	
X142 .. CONNECTOR (3-PINS, GRAY)	Under rear of car on differential	09-3 03-2
X143 .. CONNECTOR (3-PINS, GRAY)	Under rear of car on differential	09-2 03-2
X163 .. CONNECTOR (3-PINS, BLACK)	On A/C compressor	17-2 03-2
X165 .. GROUND	Front LH side of engine compartment	04-3
X165 .. GROUND	Front LH side of engine compartment	17-1
X168 .. CONNECTOR (1-PINS, BLACK)	LH side of steering column	21-3
X173 .. GROUND	Below LH side of dash	05-3
X173 .. GROUND	Below LH side of dash	22-3
X256 .. CONNECTOR (26-PINS, BLACK)	Passenger's door	32-3 05-1
X257 .. CONNECTOR (26-PINS, BLACK)	Driver's door	32-1 05-1
X271 .. CONNECTOR (12-PINS, BLACK)	LH side of dash rear of A2 instrument cluster	22-1 01-3



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X272 .. CONNECTOR (2-PINS, BLACK)	In roof panel	18-2	
X273 .. CONNECTOR (12-PINS, BLACK)	In lower LH B-pillar	33-3	01-2
X274 .. CONNECTOR (12-PINS, BLACK)	In lower RH B-pillar	33-3	01-2
X275 .. CONNECTOR (4-PINS, WHITE)	Under LH front seat under carpet	19-2	04-3
X279 .. CONNECTOR (4-PINS, WHITE)	Under RH front seat	19-1	04-3
X285 .. CONNECTOR (15-PINS, BLUE)	On washer fluid reservoir below	00-3	
X292 .. CONNECTOR (9-PINS, BLACK)	Power Distribution Box rear LH side of engine compartment	04-6	
X295 .. CONNECTOR (8-PINS, BLACK)	Center of steering column	23-2	04-5
X304 .. CONNECTOR (9-PINS, BLACK)	Below LH side of dash	04-6	
X311 .. CONNECTOR (3-PINS, BLACK)	Underside of trunk lid left	35-2	05-6
X312 .. CONNECTOR (2-PINS, BLACK)	In RH rear side of luggage compartment	34-1	
X315 .. CONNECTOR (2-PINS, BLACK)	Underside of trunk lid left	35-2	
X316 .. CONNECTOR (6-PINS, WHITE)	Center console near gearshift lever	29-2	09-2
X317 .. CONNECTOR (6-PINS, WHITE)	Center console near gearshift lever	29-1	09-2
X318 .. CONNECTOR (8-PINS, BLACK)	In RH rear side of luggage compartment behind RH rear light assembly	34-1	02-1
X319 .. CONNECTOR (8-PINS, BLACK)	In LH rear side of luggage compartment behind LH rear light assembly	34-3	02-1
X320 .. CONNECTOR (6-PINS, WHITE)	Center console near gearshift lever	29-1	09-2
X322 .. CONNECTOR (6-PINS, BLACK)	Footwell, driver's side	23-3	07-4
X323 .. CONNECTOR (6-PINS, WHITE)	In roof panel	18-3	04-1
X324 .. CONNECTOR (6-PINS, WHITE)	Center console near gearshift lever	29-2	09-2



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X331 .. CONNECTOR (5-PINS, BLACK)	Below RH side of dash	27-3	01-4
X333 .. CONNECTOR (4-PINS, BLACK)	Rear of engine compartment left	12-3	09-3
X333 .. CONNECTOR (4-PINS, BLACK)	Below LH side of dash RH side of steering column	26-2	09-3
X335 .. CONNECTOR (4-PINS, BLACK)	Below RH side of dash	27-3	01-6
X336 .. CONNECTOR (6-PINS, WHITE)	In roof panel	18-1	10-6
X351 .. CONNECTOR (2-PINS, BLACK)	In lower RH B-pillar	33-3	
X352 .. CONNECTOR (2-PINS, BLACK)	In lower LH B-pillar	33-3	
X355 .. CONNECTOR (2-PINS, BLACK)	In lower RH C-pillar	20-2	
X356 .. CONNECTOR (2-PINS, BLACK)	In lower LH C-pillar	20-3	
X372 .. CONNECTOR (2-PINS, GRAY)	Back of RH side shock tower	10-2	
X379 .. CONNECTOR (1-PINS, NATURAL)	In lower LH C-pillar	20-3	
X380 .. CONNECTOR (1-PINS, NATURAL)	In lower RH C-pillar	20-2	
X381 .. CONNECTOR (3-PINS, BLACK)	In roof panel	18-3	01-1
X382 .. CONNECTOR (3-PINS, BLACK)	In roof panel	18-1	01-1
X383 .. CONNECTOR (2-PINS, BLACK)	Under rear of car on differential	09-2	
X386 .. CONNECTOR (1-PINS, BLACK)	Behind ashtray		
X387 .. CONNECTOR (1-PINS, BLACK)	Behind ashtray		
X388 .. CONNECTOR (2-PINS, BLACK)	In lower RH A-pillar		
X389 .. CONNECTOR (2-PINS, GRAY)	Rear LH side of engine compartment		
X400 .. CONNECTOR (8-PINS, BLACK)	In RH rear side of luggage compartment		

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X401 .. CONNECTOR (1-PINS, BLACK)	In roof panel	18-3
X402 .. CONNECTOR (1-PINS, BLACK)	In roof panel	18-1
X409 .. CONNECTOR (2-PINS, BLACK)	Under center of car on catalytic converter	
X423 .. CONNECTOR (1-PINS, NATURAL)	Below center console on rear of park brake lever	
X424 .. CONNECTOR (1-PINS, BROWN)	In lower LH C-pillar	20-3
X494 .. GROUND	Center console	05-2
X494 .. GROUND	Center console	28-3
X495 .. GROUND	Below RH side of dash	05-1
X495 .. GROUND	Below RH side of dash	26-3
X498 .. GROUND	Center console	05-2
X498 .. GROUND	Center console	28-3
X503 .. CONNECTOR (12-PINS, WHITE)	Below LH side of dash	24-1 02-2
X504 .. CONNECTOR (4-PINS, WHITE)	Center console	24-1 04-3
X509 .. CONNECTOR (9-PINS, BLACK)	RH side of dash behind glove box	04-6
X510 .. CONNECTOR (9-PINS, BLACK)	RH side of dash behind glove box	04-6
X511 .. CONNECTOR (8-PINS, BLACK)	Center console near gearshift lever	29-1 02-1
X516 .. CONNECTOR (5-PINS, BLACK)	Center console near gearshift lever	29-1 04-2
X517 .. CONNECTOR (4-PINS, BLACK)	Below LH side of dash	24-2 04-3
X518 .. CONNECTOR (4-PINS, BLACK)	Footwell, driver's side	23-3 04-3
X522 .. CONNECTOR (3-PINS, WHITE)	Footwell, driver's side	23-3 05-6



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X523 .. CONNECTOR (3-PINS, NATURAL)	LH side of dash	
X531 .. CONNECTOR (1-PINS, BLACK)	Center console near gearshift lever	30-1
X532 .. CONNECTOR (2-PINS, BLACK)	Center console near gearshift lever	30-1
X537 .. CONNECTOR (2-PINS, BLACK)	Driver's door	31-2
X538 .. CONNECTOR (2-PINS, BLACK)	Passenger's door	32-3
X539 .. CONNECTOR (2-PINS, BLACK)	Center console behind radio	22-2
X540 .. CONNECTOR (2-PINS, BLACK)	Behind glove box right	28-1
X541 .. CONNECTOR (1-PINS, WHITE)	Behind glove box above	28-1
X542 .. CONNECTOR (2-PINS, BLACK)	Behind glove box left	28-1
X603 .. CONNECTOR (6-PINS, (---))	Center console	06-1
X604 .. CONNECTOR (6-PINS, (---))	Center console	06-1
X605 .. CONNECTOR (12-PINS, BLACK)	In LH forward side of luggage compartment	34-2 03-1
X606 .. CONNECTOR (12-PINS, WHITE)	In LH forward side of luggage compartment	34-2 03-1
X607 .. CONNECTOR (9-PINS, BLACK)	Below LH side of dash	04-6
X623 .. CONNECTOR (4-PINS, BLACK)	Driver's door	31-2 09-6
X624 .. CONNECTOR (4-PINS, BLACK)	Passenger's door	32-3 09-6
X625 .. CONNECTOR (6-PINS, WHITE)	Driver's door	31-2 06-1
X630 .. CONNECTOR (13-PINS, BLACK)	Under center of rear bumper	02-5
X638 .. CONNECTOR (2-PINS, BLACK)	Below RH side of rear seat	20-1
X641 .. CONNECTOR (6-PINS, BLACK)	Passenger's door	33-1 10-3



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X644 .. CONNECTOR (6-PINS, BLACK)	In lower LH rear door	07-3
X645 .. CONNECTOR (6-PINS, BLUE)	In lower LH rear door	10-4
X646 .. CONNECTOR (6-PINS, BLACK)	In lower RH rear door behind trim panel	07-3
X647 .. CONNECTOR (6-PINS, BLUE)	In lower RH rear door behind trim panel	10-4
X651 .. CONNECTOR (6-PINS, YELLOW)	Center console near gearshift lever	30-1 06-4
X658 .. CONNECTOR (6-PINS, YELLOW)	Center console near gearshift lever	29-3 06-4
X660 .. CONNECTOR (6-PINS, BLACK)	Driver's door	31-3 07-3
X662 .. CONNECTOR (6-PINS, GRAY)	Below LH side of dash	26-1 05-5
X663 .. CONNECTOR (6-PINS, GRAY)	RH side of IHKR Plenum	31-1 05-5
X669 .. CONNECTOR (6-PINS, GRAY)	Behind center of dashboard LH side of IHKR Plenum	26-2 05-5
X679 .. CONNECTOR (2-PINS, WHITE)	Below RH side of rear seat	20-1
X700 .. CONNECTOR (1-PINS, NATURAL)	Behind RH footwell speaker grille	
X701 .. CONNECTOR (1-PINS, NATURAL)	Behind LH footwell kickpanel	
X706 .. CONNECTOR (2-PINS, BLACK)	Center console	28-2
X709 .. CONNECTOR (2-PINS, BLACK)	Underside of trunk lid, near license plate	35-1
X710 .. CONNECTOR (2-PINS, BLACK)	Underside of trunk lid, near license plate	35-1
X711 .. CONNECTOR (1-PINS, NATURAL)	Underside of trunk lid left	35-2
X712 .. CONNECTOR (1-PINS, NATURAL)	Underside of trunk lid left	
X713 .. CONNECTOR (2-PINS, BLACK)	Under rear of car on differential	09-2
X714 .. CONNECTOR (2-PINS, GRAY)	In lower LH rear door behind trim panel	



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X720 .. CONNECTOR (2-PINS, GRAY)	In lower RH rear door behind trim panel		
X726 .. CONNECTOR (2-PINS, (---))	Under LH front seat		
X727 .. CONNECTOR (2-PINS, (---))	Under LH front seat		
X728 .. CONNECTOR (2-PINS, (---))	Under LH front seat		
X729 .. CONNECTOR (2-PINS, (---))	Under LH front seat		
X732 .. CONNECTOR (4-PINS, BLACK)	Under LH front seat under carpet	19-2	04-3
X733 .. CONNECTOR (4-PINS, BLACK)	Under LH front seat under carpet	19-2	04-3
X734 .. CONNECTOR (2-PINS, (---))	Under RH front seat		
X735 .. CONNECTOR (2-PINS, (---))	Under RH front seat		
X736 .. CONNECTOR (2-PINS, (---))	Under RH front seat		
X737 .. CONNECTOR (2-PINS, (---))	Under RH front seat		
X740 .. CONNECTOR (4-PINS, BLACK)	Under RH front seat	19-1	04-3
X741 .. CONNECTOR (4-PINS, BLACK)	Under RH front seat	19-1	04-3
X742 .. CONNECTOR (2-PINS, YELLOW)	RH front door in door at key lock assembly		
X744 .. CONNECTOR (2-PINS, GRAY)	Passenger's door	32-3	
X746 .. CONNECTOR (2-PINS, BLACK)	Passenger's door	32-3	
X747 .. CONNECTOR (2-PINS, YELLOW)	Driver's door	31-3	
X751 .. CONNECTOR (2-PINS, WHITE)	Driver's door	31-3	
X752 .. CONNECTOR (2-PINS, GRAY)	Driver's door	31-3	
X753 .. CONNECTOR (2-PINS, BLACK)	Driver's door	31-2	

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X768 .. CONNECTOR (2-PINS, WHITE)	In the engine compartment near LH headlight assembly	06-1
X769 .. CONNECTOR (2-PINS, WHITE)	In the engine compartment near RH headlight assembly	06-1
X771 .. CONNECTOR (2-PINS, BLACK)	LH side of IHKR Plenum	25-3
X772 .. CONNECTOR (2-PINS, WHITE)	Center console on-board computer (removed)	30-3
X773 .. CONNECTOR (2-PINS, WHITE)	Center console on-board computer (removed)	30-3
X774 .. CONNECTOR (1-PINS, GRAY)	Rear of engine compartment behind RH fresh air cowl	
X778 .. CONNECTOR (2-PINS, (---))		
X779 .. CHARGING SOCKET	Behind glove box left	28-1
X783 .. CONNECTOR (2-PINS, ORANGE)	Underside of steering column	24-1
X784 .. CONNECTOR (12-PINS, BLUE)	RH side of dash behind glove box	01-3
X805 .. REMOVABLE SPLICE	Under LH front seat under carpet	19-2
X816 .. CONNECTOR (2-PINS, BLACK)	Rear of engine compartment behind RH fresh air cowl	
X817 .. CONNECTOR (1-PINS, BLACK)	Rear of engine compartment behind RH fresh air cowl WITH IHKR	
X849 .. REMOVABLE SPLICE	Driver's door	32-1
X850 .. REMOVABLE SPLICE	Driver's door	32-1
X851 .. REMOVABLE SPLICE	Driver's door	32-1
X904 .. CONNECTOR (4-PINS, BLACK)	Behind center of dashboard LH side of IHKR Plenum	26-1
X905 .. CONNECTOR (5-PINS, BLACK)	Behind center of dashboard	08-3
X998 .. CONNECTOR (4-PINS, BLACK)	Below center console	03-6
X999 .. CONNECTOR (4-PINS, BLACK)	Behind center of dashboard RH side of IHKR Plenum	04-3



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X1070 . CONNECTOR (18-PINS, BLACK)	Center console	30-2	01-5
X1071 . CONNECTOR (18-PINS, WHITE)	Center console	30-2	01-5
X1074 . CONNECTOR (15-PINS, WHITE)	Below LH side of dash	25-2	00-3
X1075 . CONNECTOR (15-PINS, BLACK)	Below LH side of dash	25-2	00-3
X1082 . CONNECTOR (9-PINS, BLACK)	Below LH side of dash		04-6
X1155 . CONNECTOR (3-PINS, BLACK)	Behind center of dashboard		01-1
X1161 . CONNECTOR (9-PINS, BLACK)	Rear LH side of engine compartment		04-6
X1162 . CONNECTOR (2-PINS, BLACK)	Rear LH side of engine compartment near brake master cylinder	12-1	
X1165 . GROUND	Below LH side of dash	05-3	
X1165 . GROUND	Below LH side of dash		22-3
X1166 . GROUND	Below RH side of dash		05-1
X1166 . GROUND	Below RH side of dash		26-3
X1167 . REMOVABLE SPLICE	Under LH front seat under carpet		19-2
X1173 . CONNECTOR (4-PINS, BLACK)	Rear LH side of engine compartment		04-4
X1178 . CONNECTOR (2-PINS, WHITE)	Center console LH side of gearshift selector		
X1181 . CONNECTOR (9-PINS, BLACK)	Below LH side of dash		04-6
X1193 . CONNECTOR (2-PINS, BLACK)	Center console RH side of gearshift selector		
X1213 . CONNECTOR (2-PINS, BLACK)	Center console	28-2	
X1222 . CONNECTOR (6-PINS, WHITE)	In RH forward side of luggage compartment	34-1	05-2
X1234 . REMOVABLE SPLICE	Under LH front seat under carpet		19-2

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X1239 . CONNECTOR (2-PINS, WHITE)	Rear RH door pillar	33-2
X1240 . CONNECTOR (2-PINS, BLACK)	LH rear door jamb	33-2
X1241 . CONNECTOR (2-PINS, WHITE)	Below LH side of rear seat	19-3
X1243 . CONNECTOR (6-PINS, BLACK)	Center console near gearshift lever	29-2 09-2
X1245 . CONNECTOR (1-PINS, BLACK)	In roof panel	18-3
X1246 . CONNECTOR (1-PINS, BLACK)	In roof panel	18-1
X1260 . CONNECTOR (1-PINS, NATURAL)		
X1261 . CONNECTOR (1-PINS, NATURAL)		
X1380 . CONNECTOR (1-PINS, NATURAL)	Behind RH footwell speaker grille	
X1381 . CONNECTOR (1-PINS, NATURAL)	Behind LH footwell kickpanel	
X1405 . CONNECTOR (1-PINS, NATURAL)	Rear LH side of engine compartment in Power Distribution Box	
X1406 . CONNECTOR (1-PINS, WHITE)	Rear LH side of engine compartment in Power Distribution Box	
X1426 . CONNECTOR (9-PINS, BROWN)	Rear RH side of engine compartment in E-Box	04-6
X6000 . CONNECTOR (88-PINS, BLACK)	Rear RH side of engine compartment in E-Box	10-3 08-1
X6002 . CONNECTOR (20-PINS, BLACK)	Back of RH side shock tower	10-1 05-4
X6101 . CONNECTOR (2-PINS, BLACK)	Top center of engine	
X6102 . CONNECTOR (2-PINS, BLACK)	Top center of engine	
X6103 . CONNECTOR (2-PINS, BLACK)	Top center of engine	
X6104 . CONNECTOR (2-PINS, BLACK)	Top center of engine	
X6105 . CONNECTOR (2-PINS, BLACK)	Top center of engine	



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X6106 . CONNECTOR (2-PINS, BLACK)	Top center of engine	
X6120 . CONNECTOR (2-PINS, BLACK)	LH side of engine (325i)	15-3
X6130 . CONNECTOR (2-PINS, BLACK)	Rear of engine (318is)	13-2
X6130 . CONNECTOR (2-PINS, BLACK)	RH front of engine (325i)	15-1
X6151 . CONNECTOR (3-PINS, GRAY)	Top RH side of engine	09-5
X6152 . CONNECTOR (3-PINS, GRAY)	Top RH side of engine	09-5
X6153 . CONNECTOR (3-PINS, GRAY)	Top RH side of engine	09-5
X6154 . CONNECTOR (3-PINS, GRAY)	Top RH side of engine	09-5
X6155 . CONNECTOR (3-PINS, GRAY)	Top RH side of engine	09-5
X6156 . CONNECTOR (3-PINS, GRAY)	Top RH side of engine	09-5
X6200 . CONNECTOR (4-PINS, BLACK)	On RH side of transmission (318is)	08-1 04-4
X6200 . CONNECTOR (4-PINS, BLACK)	Under center of car (325i)	08-2 04-4
X6205 . CONNECTOR (2-PINS, BLACK)	LH side of engine (325i)	15-2
X6206 . CONNECTOR (7-PINS, BLACK)	LH side of engine (325i)	15-3 05-3
X6231 . CONNECTOR (2-PINS, BLACK)	Rear of engine (318is)	13-2
X6231 . CONNECTOR (2-PINS, BLACK)	RH front of engine (325i)	14-3
X6232 . CONNECTOR (2-PINS, BLACK)	RH front of engine (325i)	15-1
X6236 . CONNECTOR (2-PINS, BLACK)	RH front of engine (325i)	14-3
X6241 . CONNECTOR (2-PINS, BLACK)	LH side of engine	
X6242 . CONNECTOR (2-PINS, BLACK)	LH side of engine	



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X6252 . CONNECTOR (3-PINS, BLACK)	LH side of engine on intake manifold (318is)	13-3
X6252 . CONNECTOR (3-PINS, BLACK)	LH side of engine (325i)	15-2 09-4
X6300 . CONNECTOR (9-PINS, BLACK)	Rear LH side of engine compartment	04-6
X6301 . CONNECTOR (9-PINS, BLACK)	Rear LH side of engine compartment	04-6
X6303 . CONNECTOR (9-PINS, BLACK)	Rear LH side of engine compartment	04-6
X6454 . GROUND	Back of RH side shock tower	04-1
X6454 . GROUND	Back of RH side shock tower	10-1
X6456 . GROUND	RH front of engine (325i)	15-1
X6507 . CONNECTOR (1-PINS, BLACK)	Rear RH side of engine compartment in E-Box	
X6509 . CABLE SOCKET ALTERNATOR B+	Front LH side of engine compartment below (325i)	
X6510 . CABLE SOCKET STARTER TERMINAL 50	Rear LH side of engine compartment below intake manifold	
X6511 . CABLE SOCKET ALTERNATOR TERMINAL 30h	Rear LH side of engine compartment below intake manifold	
X6512 . CABLE SOCKET STARTER TERMINAL 30h ...	Rear LH side of engine compartment below intake manifold	
X7509 . CABLE SOCKET ALTERNATOR TERMINAL D+	Front LH side of engine compartment below (325i)	
X8500 . CONNECTOR (55-PINS, BLACK)	Rear RH side of engine compartment in E-Box EGS A4S 310R	10-3 00-1
X8503 . CONNECTOR (10-PINS, WHITE)	Center console RH side of gearshift selector	29-2 03-3
X8507 . CONNECTOR (1-PINS, BLACK)	Below LH side of dash	
X8511 . CONNECTOR (1-PINS, BLACK)	Under front of car LH side of transmission EGS A4S 310R	07-3
X8516 . CONNECTOR (2-PINS, BLACK)	Under center of car EGS A4S 310R	09-1
X8521 . CONNECTOR (9-PINS, BLACK)	Under center of car above	08-3 10-1



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X8524 . CONNECTOR (1-PINS, BLACK)	Under front of car LH side of transmission EGS A4S 310R	07-3
X8525 . CONNECTOR (3-PINS, BLACK)	Under center of car	09-4
X9744 . CONNECTOR (6-PINS, BLACK)	Passenger's door	32-2 10-3
X9749 . CONNECTOR (6-PINS, BLACK)	Driver's door	31-2 10-3
X9997 . CONNECTOR (2-PINS, BLACK)	Behind steering wheel	21-1
X10006 CONNECTOR (1-PINS, WHITE)	Behind glove box above	28-1
X10010 GROUND	Below RH side of dash	05-1
X10010 GROUND	Below RH side of dash	26-3
X10012 GROUND	Below RH side of dash	05-1
X10012 GROUND	Below RH side of dash	26-3
X10031 CONNECTOR (9-PINS, BLACK)	Below LH side of dash	04-6
X10033 CONNECTOR (1-PINS, BLACK)	Top of steering column	21-3
X10034 CONNECTOR (2-PINS, (---))	Power Distribution Box rear LH side of engine compartment	
X10035 CONNECTOR (2-PINS, (---))	Power Distribution Box rear LH side of engine compartment	
X10036 CONNECTOR (2-PINS, (---))	Power Distribution Box rear LH side of engine compartment	
X10054 CONNECTOR (12-PINS, BLACK)	Below LH side of dash RH side of steering column	26-2 03-5
X10070 CONNECTOR (2-PINS, GRAY)	Front LH side of engine compartment	17-1
X10071 CONNECTOR (2-PINS, BLACK)	Front LH side of engine compartment	17-1
X10074 CONNECTOR (2-PINS, BLACK)	Front RH side of engine compartment	17-3
X10075 CONNECTOR (2-PINS, GRAY)	Front RH side of engine compartment	17-3



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X13004 GROUND	In upper RH rear seatback	04-2
X13004 GROUND	In upper RH rear seatback	20-2
X13006 GROUND	In upper LH rear seatback	20-3
X13009 GROUND	Below RH side of dash	05-1
X13009 GROUND	Below RH side of dash	26-3
X13012 CONNECTOR (26-PINS, WHITE)	Below RH side of dash	27-2 00-2
X13013 CONNECTOR (5-PINS, BLACK)	Below RH side of dash	27-2 01-4
X13014 CONNECTOR (4-PINS, BLACK)	Below RH side of dash	27-2 01-6
X13016 GROUND	Below LH side of dash	05-3
X13016 GROUND	Below LH side of dash	22-3
X13025 CONNECTOR (26-PINS, BLACK)	Below RH side of dash	27-3 00-2
X13026 CONNECTOR (1-PINS, BLACK)	Top of steering column	21-3
X18049 CONNECTOR (2-PINS, GRAY)	In lower LH rear door behind trim panel	
X18080 CONNECTOR (1-PINS, (---))	In luggage compartment	
X18126 CONNECTOR (17-PINS, BLACK)	Center console behlnd radio	22-2 02-6
X18154 CONNECTOR (26-PINS, BLACK)		00-2
X18155 CONNECTOR (26-PINS, WHITE)	Center console	30-2 00-2
X18156 CONNECTOR (26-PINS, BLACK)	Center console	30-2 00-2
X18157 CONNECTOR (26-PINS, BLUE)	Center console on-board computer (removed)	30-3 00-2
X18180 CONNECTOR (3-PINS, WHITE)	Center console	10-5



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X18277	CONNECTOR (2-PINS, BLACK)	LH front door in door at key lock assembly	
X18278	CONNECTOR (2-PINS, BLACK)	RH front door in door at key lock assembly	
X18279	CONNECTOR (3-PINS, BLACK)	In lower LH front door behind trim panel	
X18280	CONNECTOR (3-PINS, BLACK)	In lower RH side of front door behind trim panel	
X18295	CONNECTOR (2-PINS, YELLOW)	In lower RH B-pillar behind trim panel	
X18296	CONNECTOR (2-PINS, YELLOW)	In lower LH B-pillar behind trim panel	
X18500	CONNECTOR (25-PINS, BLACK)		
X18507	CONNECTOR (4-PINS, BLACK)		
X18509	CONNECTOR (4-PINS, BLACK)		
X18514	CONNECTOR (4-PINS, BLACK)		
X18515	CONNECTOR (4-PINS, BLACK)		
X18741	CONNECTOR (4-PINS, BLACK)		
Y1 ABS HYDRAULIC UNIT	Rear LH side of engine compartment	
Y2 AIR CONDITIONING COMPRESSOR		
Y4 WATER VALVE ASSEMBLY	Rear LH side of engine compartment near brake master cylinder	12-2
Y5 DRIVER'S SIDE MIRROR	Driver's door	
Y6 PASSENGER'S SIDE MIRROR	Passenger's door	
Y19 SHIFT-LOCK	Center console RH side of gearshift selector	
Y6101 CYL. 1 FUEL INJECTION VALVE	Top center of engine (325i)	14-1
Y6102 CYL. 2 FUEL INJECTION VALVE	Top center of engine (325i)	14-1

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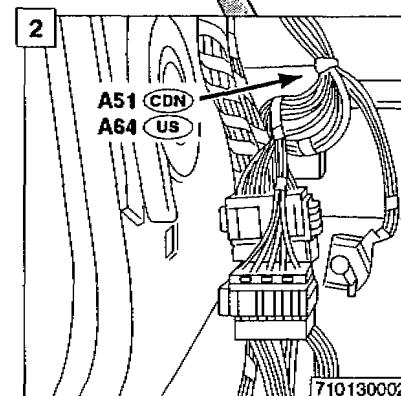
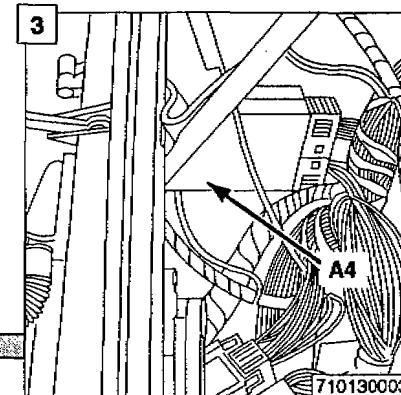
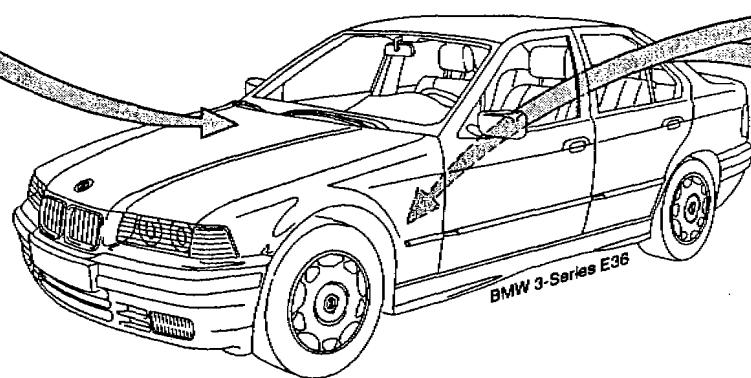
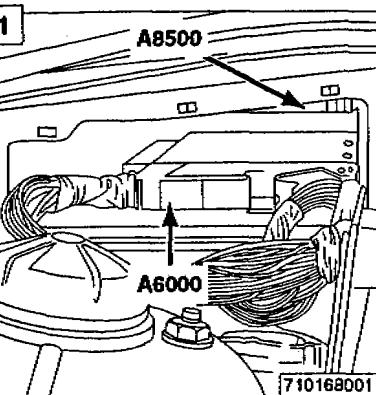
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Y6103 . CYL. 3 FUEL INJECTION VALVE	Top center of engine (325i)	14-1
Y6104 . CYL. 4 FUEL INJECTION VALVE	Top center of engine (325i)	14-1
Y6105 . CYL. 5 FUEL INJECTION VALVE	Top center of engine (325i)	14-1
Y6106 . CYL. 6 FUEL INJECTION VALVE	Top center of engine (325i)	14-1
Y6120 . EVAPORATIVE EMISSION VALVE	LH side of engine (325i)	15-3
Y6130 . IDLE SPEED CONTROL VALVE	Rear of engine (318is)	13-2
Y6130 . IDLE SPEED CONTROL VALVE	RH front of engine (325i)	15-1
Y6131 . INTAKE AIR RESONANCE CHANGEOVER VALVE	Rear LH side of engine compartment	
Y8505 . TRANSMISSION VALVE UNIT	Under center of car EGS A4S 310R	08-3

COMPONENT LOCATION VIEWS

ELECTRICAL CONTROL MODULE LOCATIONS





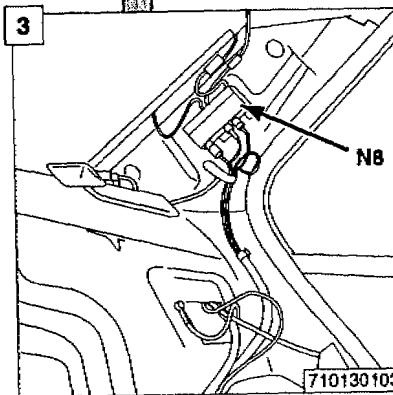
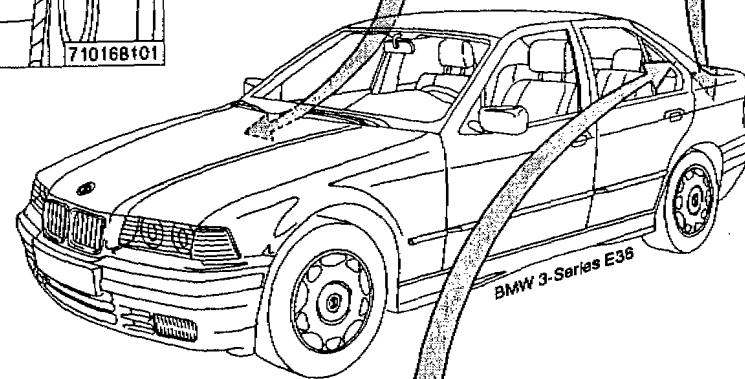
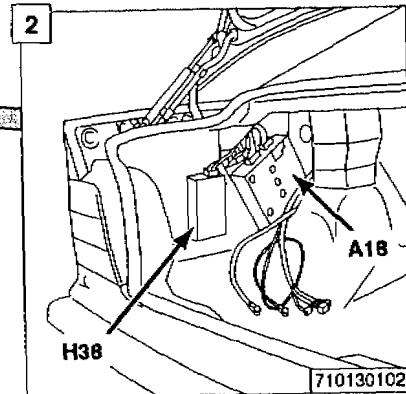
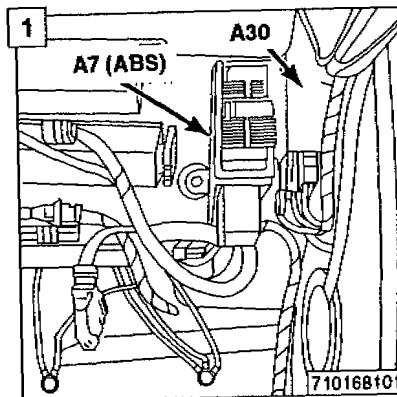
COMPONENT LOCATION VIEWS

ELECTRICAL CONTROL MODULE LOCATIONS

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7100.0-01

1992





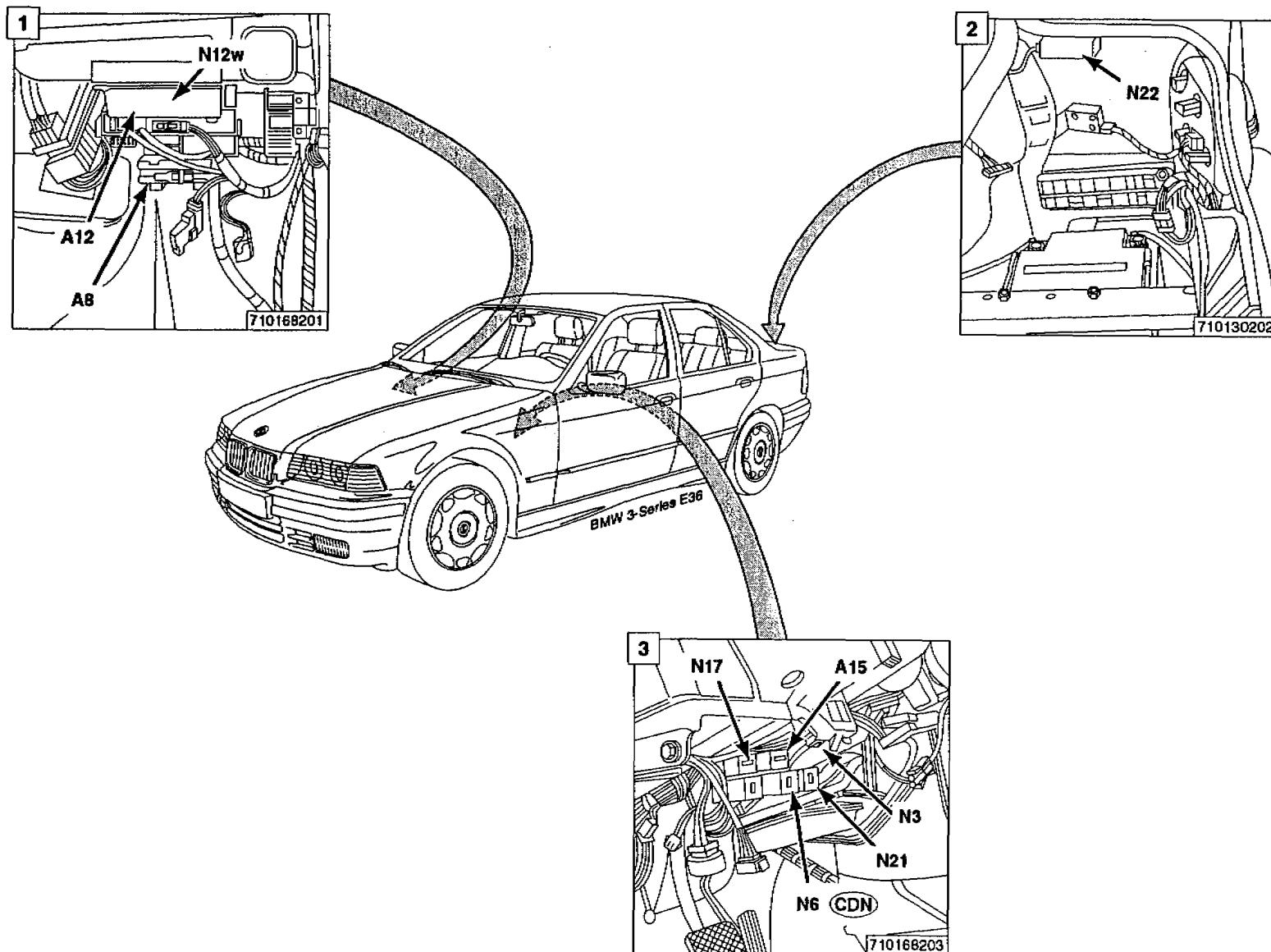
COMPONENT LOCATION VIEWS

ELECTRICAL CONTROL MODULE LOCATIONS

11/92

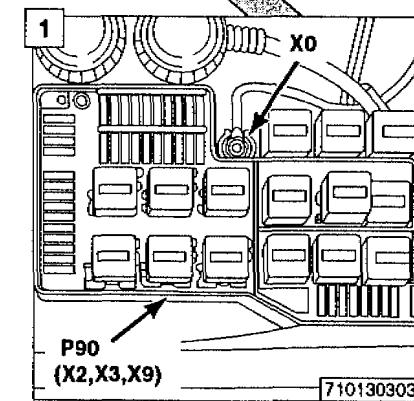
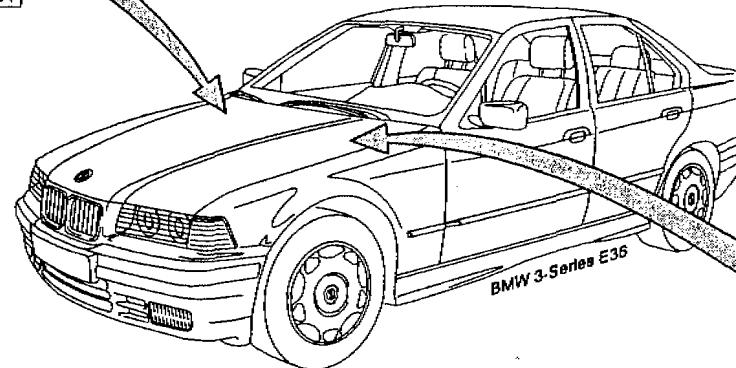
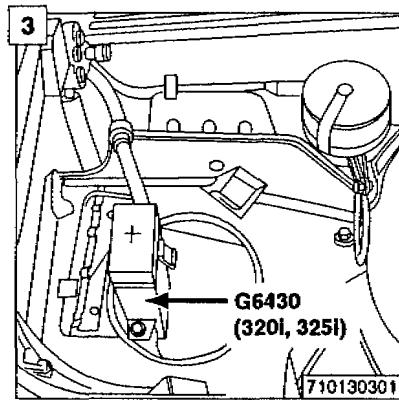
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1992



B(+)

G6430
P90
X0
X2
X3
X9

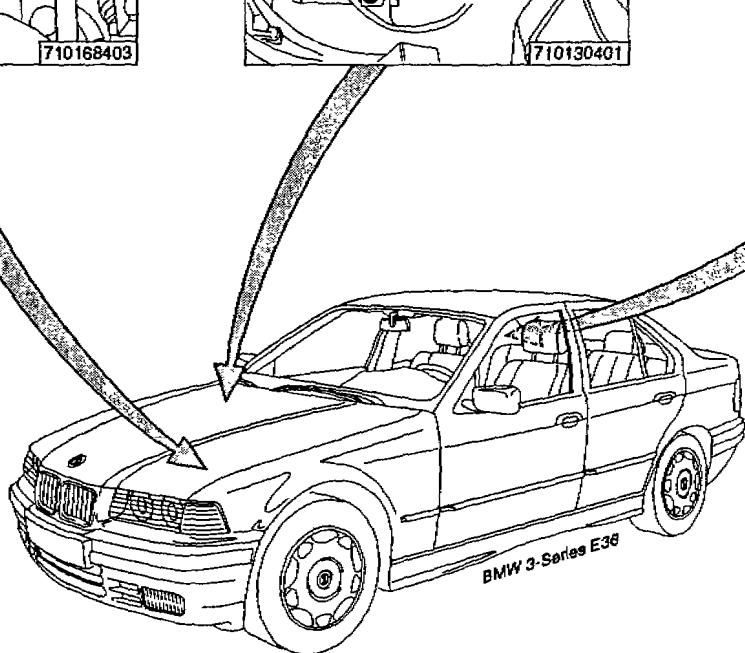
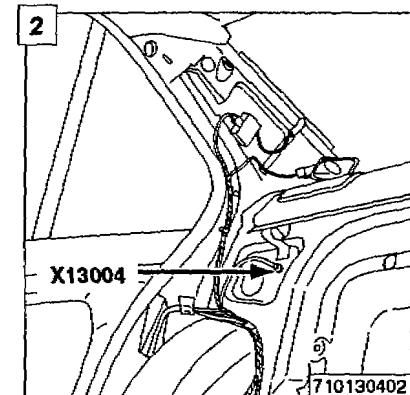
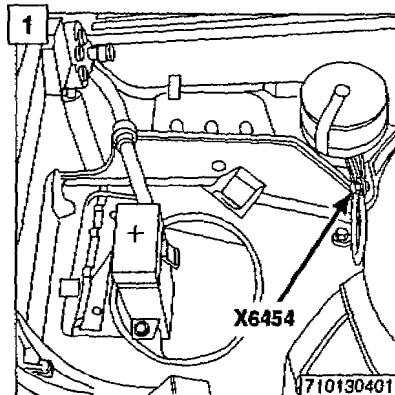
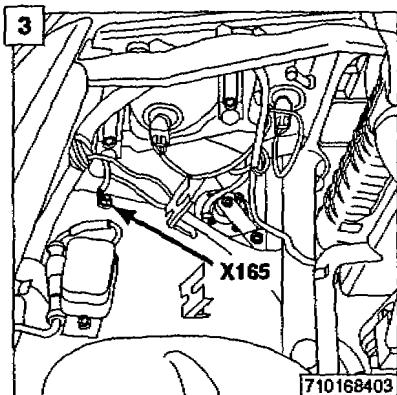




COMPONENT LOCATION VIEWS

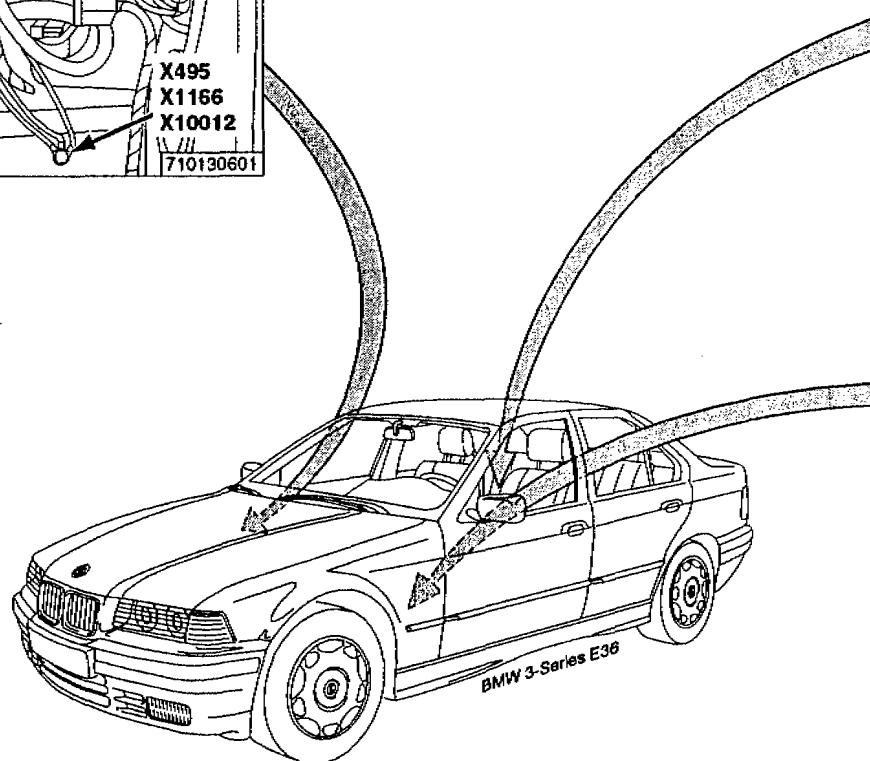
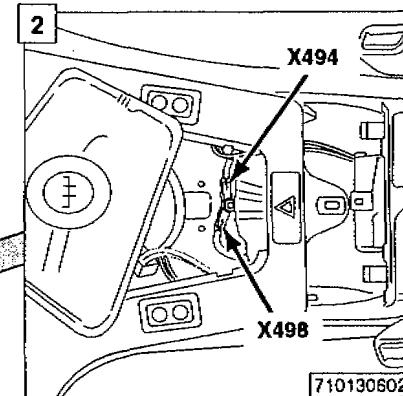
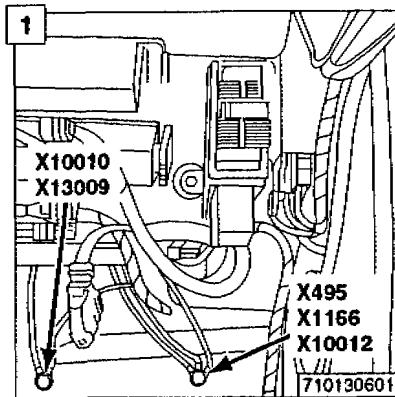
B(-)

X165
X6454
X13004



COMPONENT LOCATION VIEWS**B(-)**

- X173
- X494
- X495
- X498
- X1165
- X1166
- X10010
- X10012
- X13009
- X13016



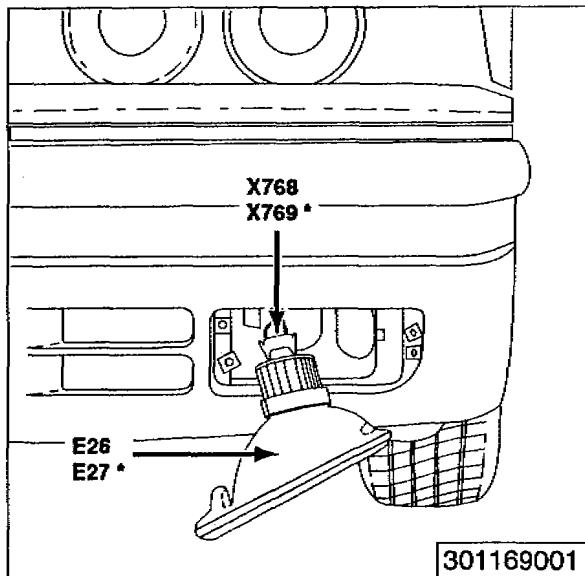


FIG. 1 - Under LH front bumper (*RH similar)

- E26 LEFT FOG LIGHT
- E27 RIGHT FOG LIGHT
- X768 CONNECTOR (2-PINS, WHITE)
- X769 CONNECTOR (2-PINS, WHITE)

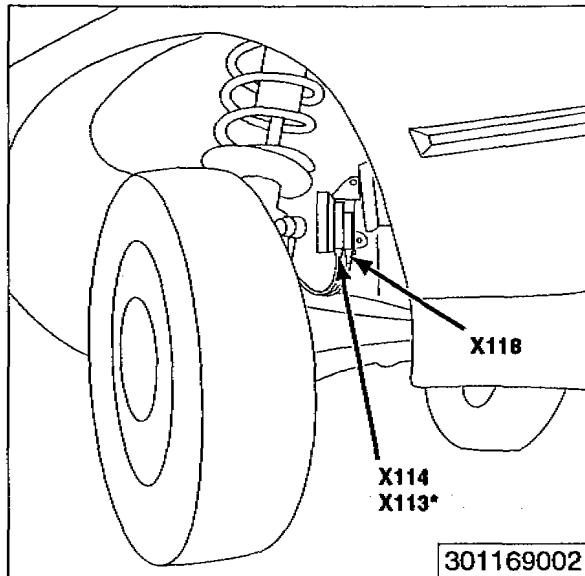


FIG. 2 - Behind LH front wheel (*RH similar)

- X113 CONNECTOR (2-PINS, GRAY)
- X114 CONNECTOR (2-PINS, GRAY)
- X118 CONNECTOR (2-PINS, BLACK)

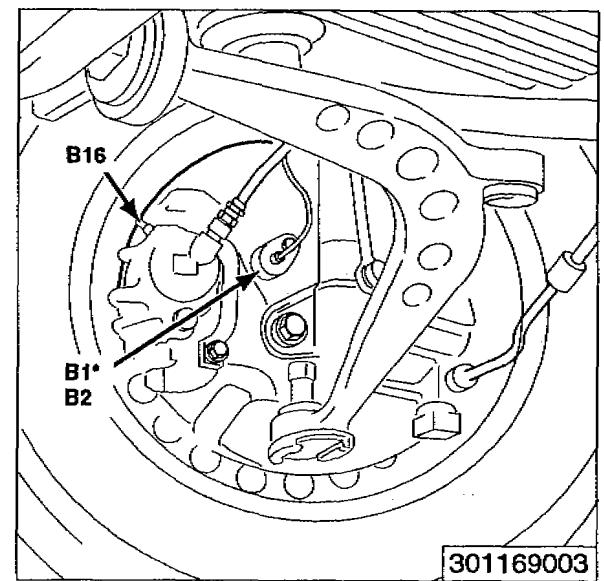


FIG. 3 - On LH front wheel, above brake caliper (*RH similar)

- B1 RIGHT FRONT SPEED SENSOR - ABS
- B2 LEFT FRONT SPEED SENSOR - ABS
- B16 LEFT FRONT BRAKE PAD SENSOR

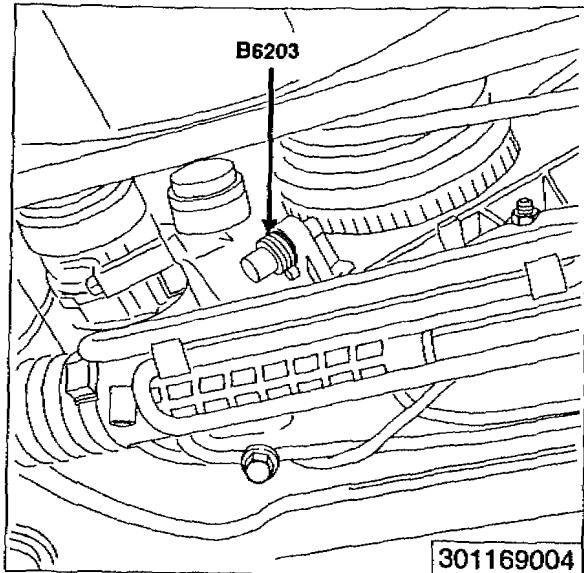


FIG 1 - Under front of car rear of radiator (325i)

B6203 CRANKSHAFT POSITION/RPM SENSOR

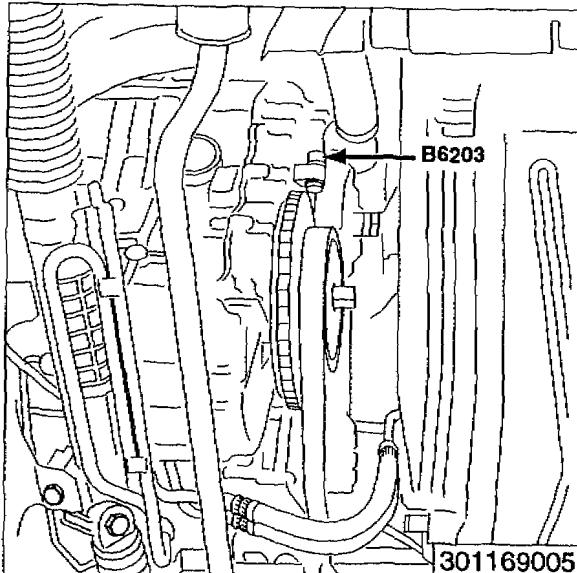


FIG 2 - Under RH front of car rear of radiator (318is)

B6203 CRANKSHAFT POSITION/RPM SENSOR

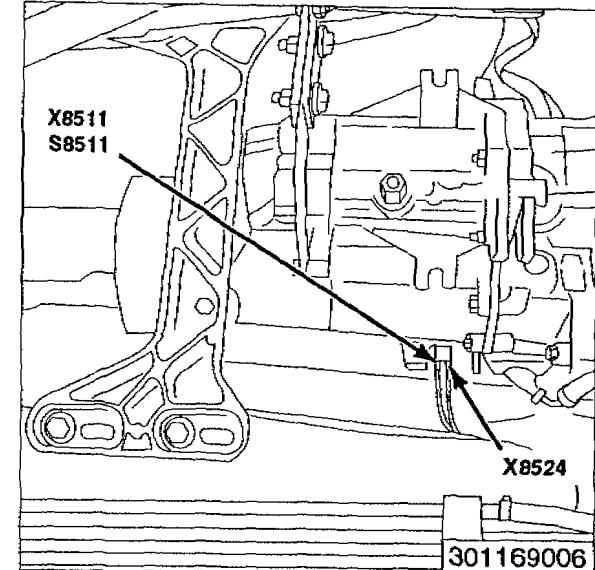


FIG 3 - LH side of transmission EGS A4S 310R

S8511 REVERSING LIGHT SWITCH
X8511 CONNECTOR (1-PINS, BLACK)
X8524 CONNECTOR (1-PINS, BLACK)

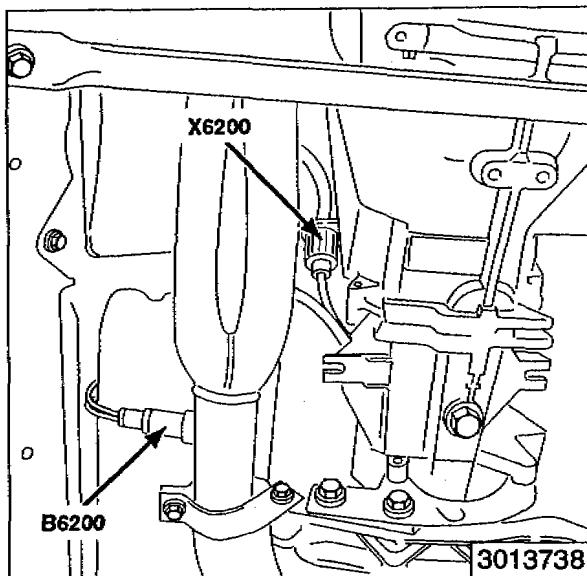


FIG. 1 - On RH side of transmission (318is)

B6200 HEATED OXYGEN SENSOR
X6200 CONNECTOR (4-PINS, BLACK)

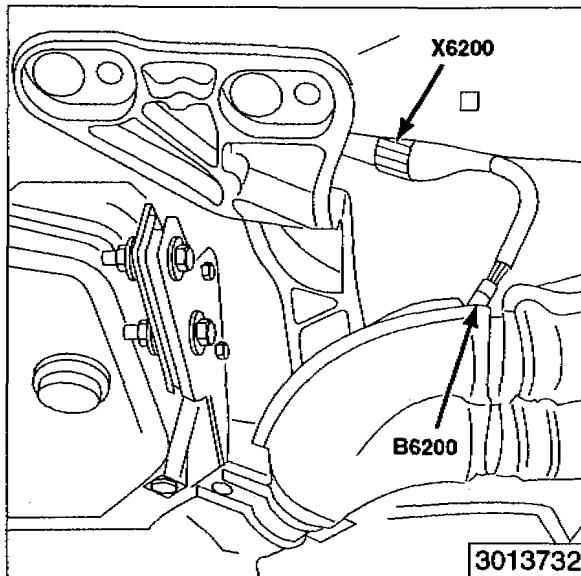


FIG. 2 - Under center of car (325i)

B6200 HEATED OXYGEN SENSOR
X6200 CONNECTOR (4-PINS, BLACK)

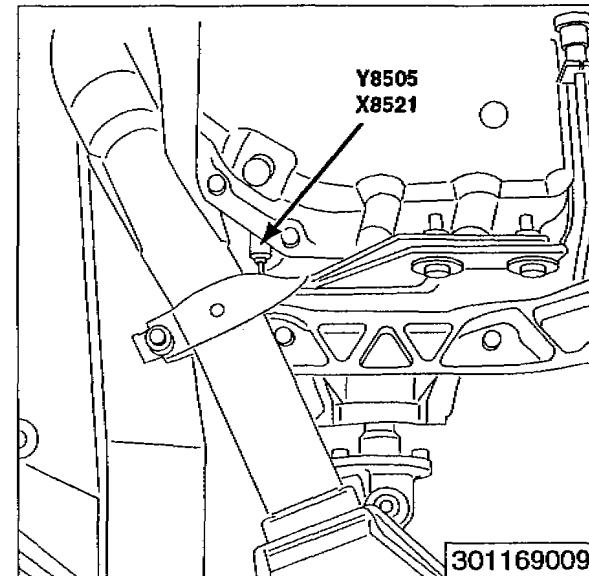


FIG. 3 - LH side of transmission EGS A4S 310R

X8521 CONNECTOR (9-PINS, BLACK)
Y8505 TRANSMISSION VALVE UNIT

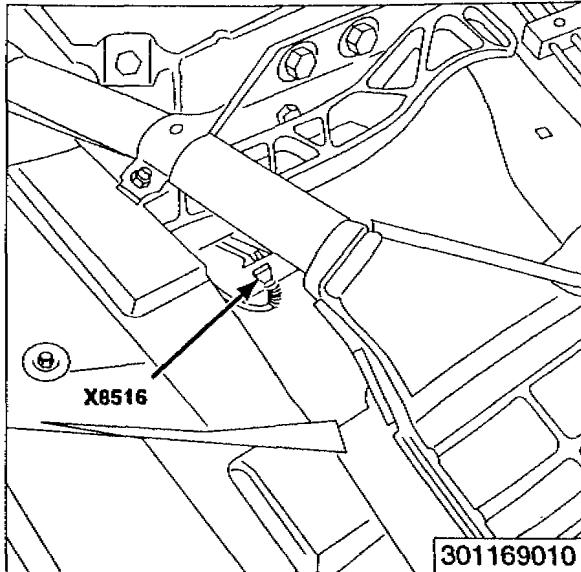


FIG. 1 - Under center of car EGS A4S 310R

X8516 CONNECTOR (2-PINS, BLACK)

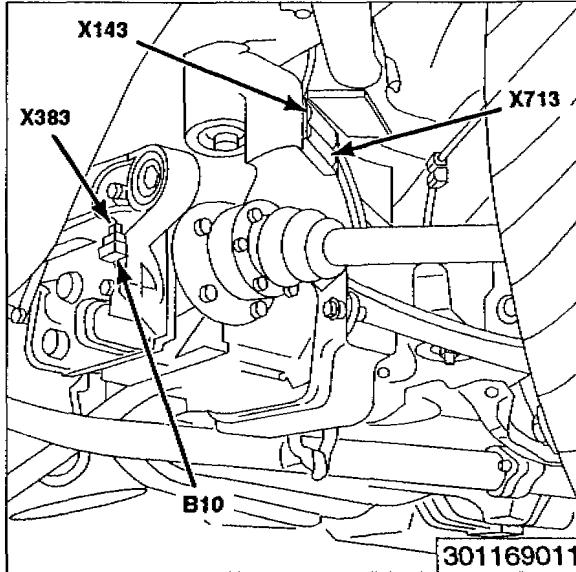


FIG. 2 - Under rear of car on differential

B10 VEHICLE SPEED SENSOR
X143 CONNECTOR (3-PINS, GRAY)
X383 CONNECTOR (2-PINS, BLACK)
X713 CONNECTOR (2-PINS, BLACK)

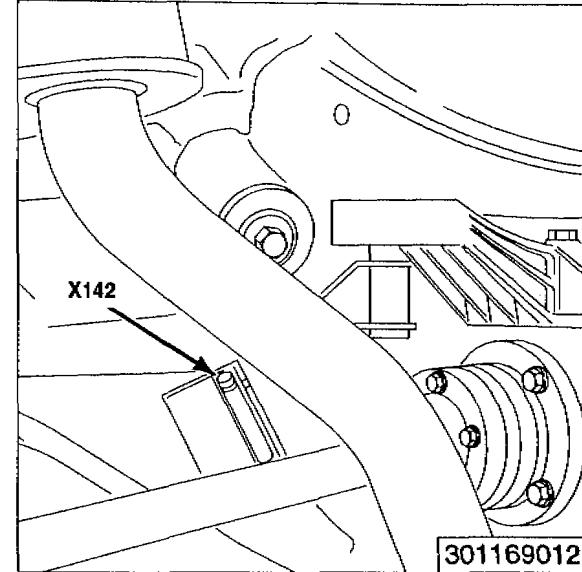


FIG. 3 - Under rear of car on differential

X142 CONNECTOR (3-PINS, GRAY)

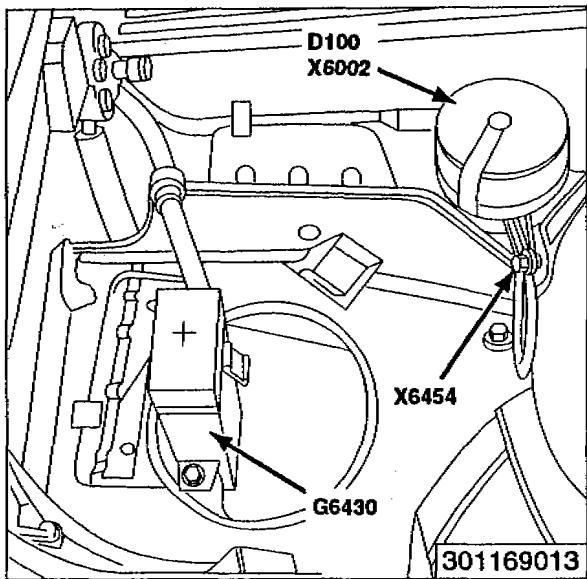


FIG. 1 - Back of RH side shock tower

- D100 DATA LINK CONNECTOR
- G6430 B+ JUMP START JUNCTION POINT
- X6002 CONNECTOR (20-PINS, BLACK)
- X6454 GROUND

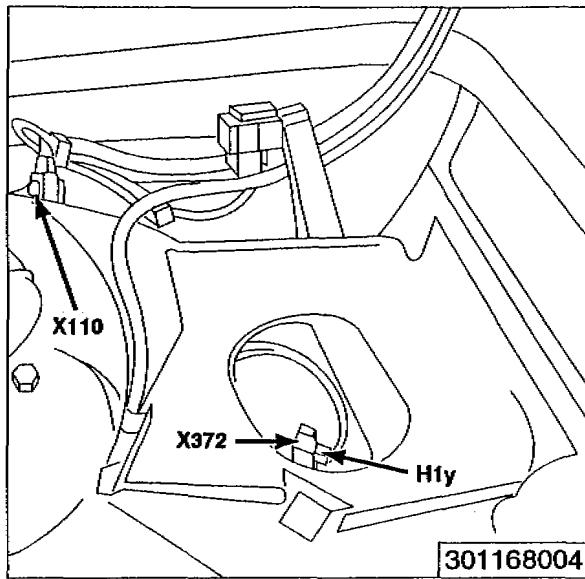


FIG. 2 - Back of RH side shock tower

- H1y ANTI-THEFT HORN
- X110 CONNECTOR (2-PINS, GRAY)
- X372 CONNECTOR (2-PINS, GRAY)

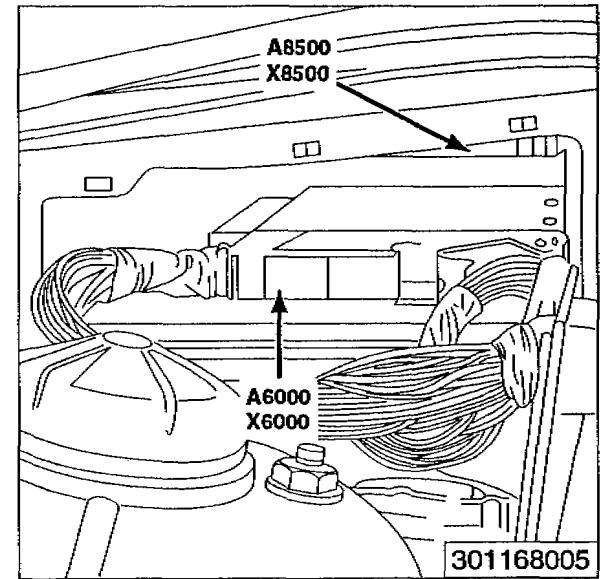


FIG. 3 - Rear RH side of engine compartment in E-Box

- A6000 ENGINE CONTROL MODULE (DME)
- A8500 TRANSMISSION CONTROL MODULE (EGS)
- X6000 CONNECTOR (88-PINS, BLACK)
- X8500 CONNECTOR (55-PINS, BLACK)

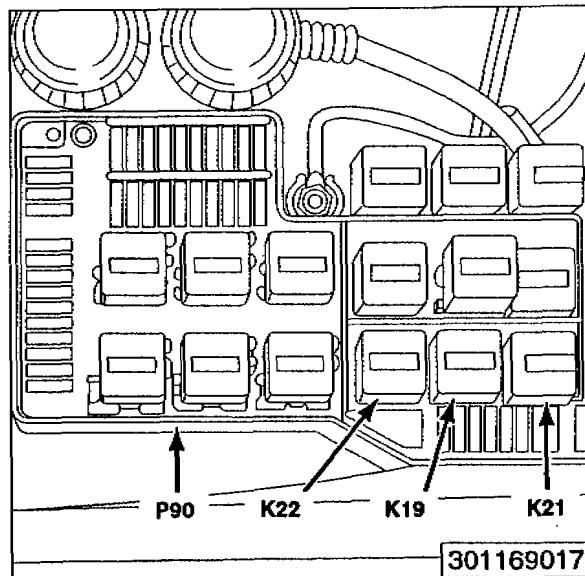


FIG. 1 - Rear LH side of engine compartment in Power Distribution Box

K19 COMPRESSOR CONTROL RELAY
K21 NORMAL SPEED RELAY
K22 HIGH SPEED RELAY
P90 FRONT POWER DISTRIBUTION BOX

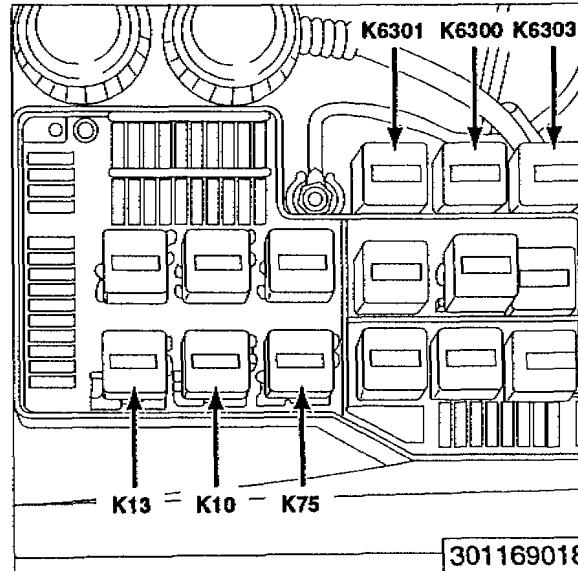


FIG. 2 - Rear LH side of engine compartment in Power Distribution Box

K10 ABS RELAY
K13 REAR DEFOGGER RELAY
K75 ABS PUMP MOTOR RELAY
K6300 ENGINE CONTROL MODULE RELAY
K6301 CYL. 1-6 FUEL PUMP RELAY
K6303 OXYGEN SENSOR RELAY

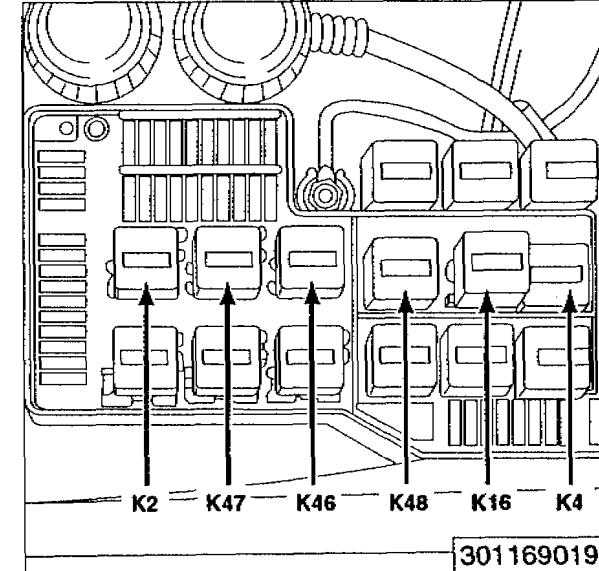


FIG. 3 - Rear LH side of engine compartment in Power Distribution Box

K2 HORN RELAY
K4 BLOWER RELAY
K16 HAZARD FLASHER RELAY
K46 HIGH BEAM LIGHT RELAY
K47 FRONT FOG LIGHT RELAY
K48 LOW BEAM LIGHT RELAY

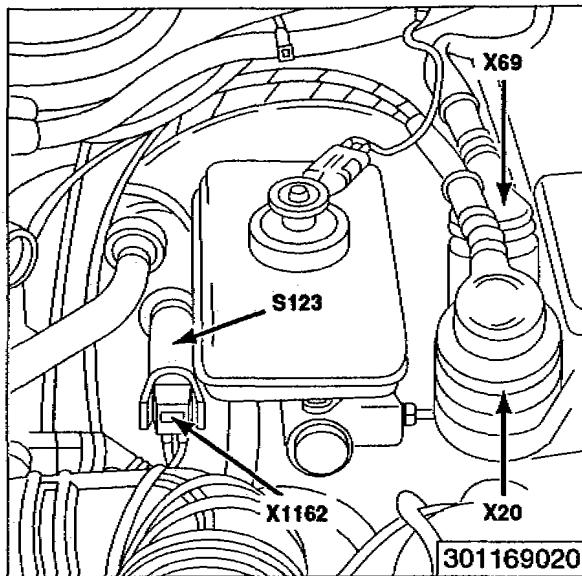


FIG. 1 - Rear LH side of engine compartment

S123 ABS PEDAL TRAVEL SENSOR
X20 CONNECTOR (25-PINS, BLACK)
X69 CONNECTOR (25-PINS, BLACK)
X1162 CONNECTOR (2-PINS, BLACK)

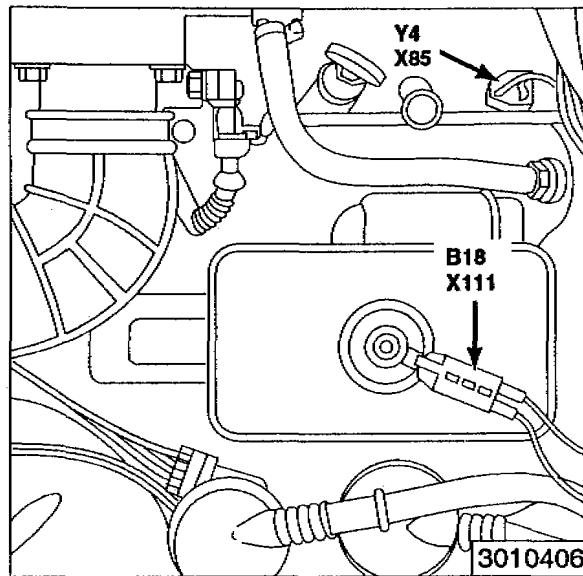


FIG. 2 - Rear LH side of engine compartment near brake master cylinder

B18 BRAKE FLUID LEVEL SWITCH
X85 CONNECTOR (3-PINS, BLACK)
X111 CONNECTOR (2-PINS, BLACK)
Y4 WATER VALVE ASSEMBLY

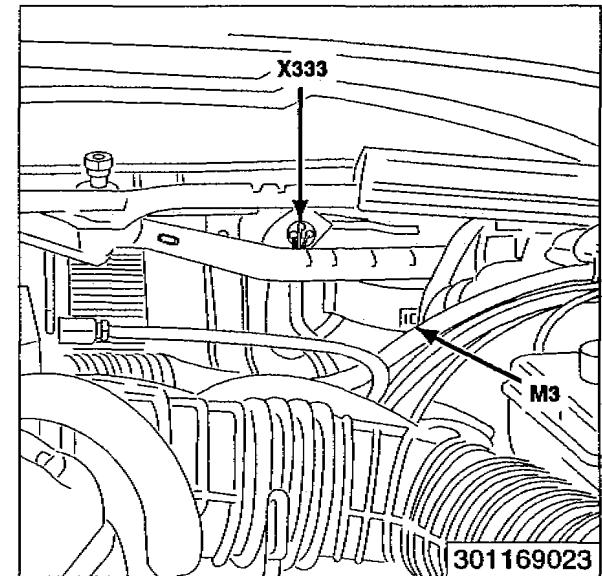


FIG. 3 - Rear of engine compartment left

M3 WIPER MOTOR
X333 CONNECTOR (4-PINS, BLACK)

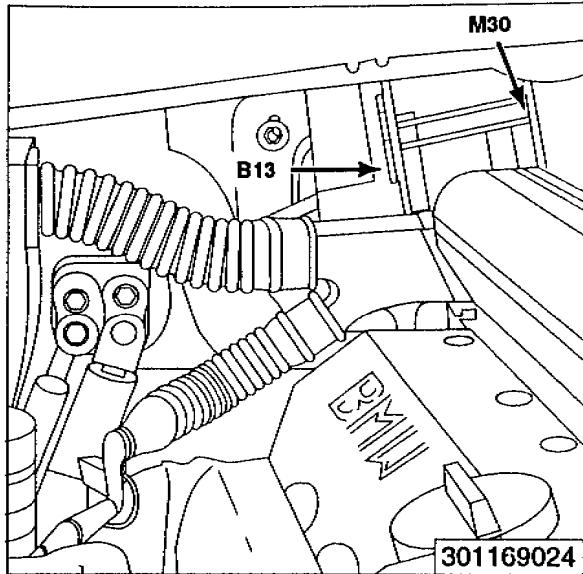


FIG. 1 - Rear of engine compartment behind RH fresh air cowl

B13 OUTSIDE TEMPERATURE SENSOR
M30 BLOWER MOTOR

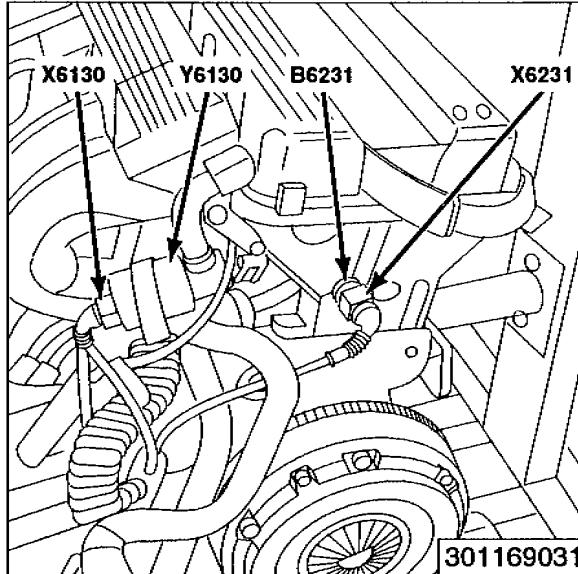


FIG. 2 - Rear of engine (318is)

B6231 OIL PRESSURE SWITCH
X6130 CONNECTOR (2-PINS, BLACK)
X6231 CONNECTOR (2-PINS, BLACK)
Y6130 IDLE SPEED CONTROL VALVE

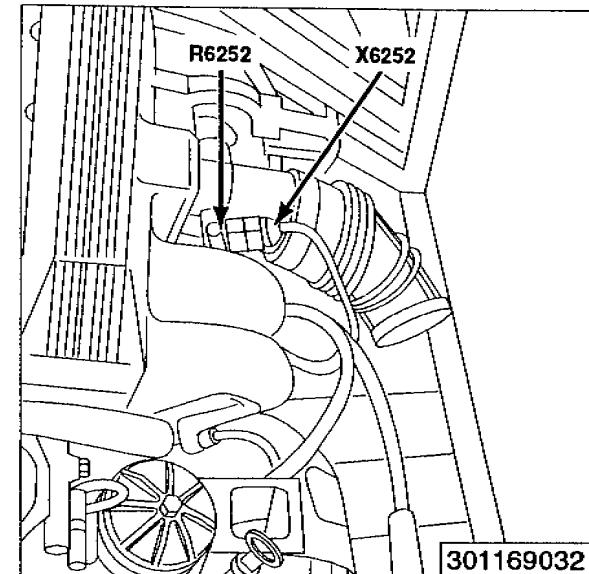


FIG. 3 - LH side of engine (318is)

R6252 THROTTLE POSITION SENSOR
X6252 CONNECTOR (3-PINS, BLACK)

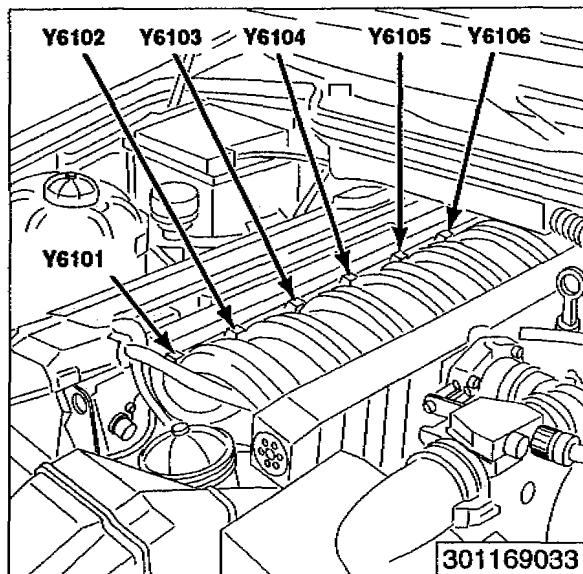


FIG. 1 - Top center of engine (325i)

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

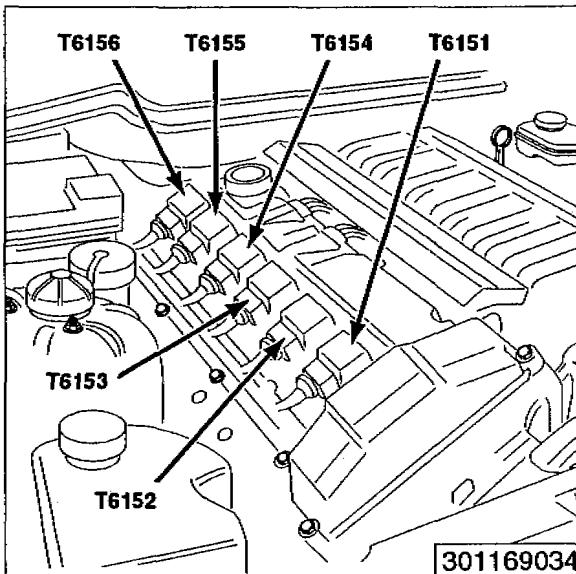


FIG. 2 - Top RH side of engine (325i)

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

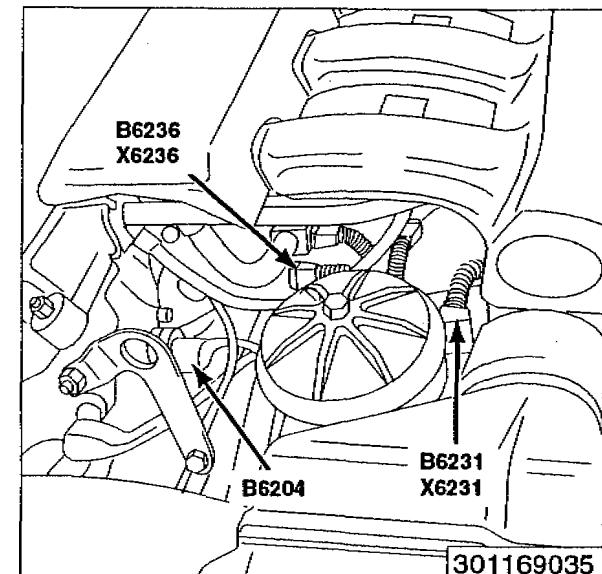


FIG. 3 - RH front of engine (325i)

B6231 OIL PRESSURE SWITCH
B6204 CAMSHAFT POSITION SENSOR
(CYLINDER IDENTIFICATION)
B6236 ENGINE COOLANT TEMPERA-
TURE SENSOR
X6231 CONNECTOR (2-PINS, BLACK)
X6236 CONNECTOR (2-PINS, BLACK)

COMPONENT LOCATION VIEWS

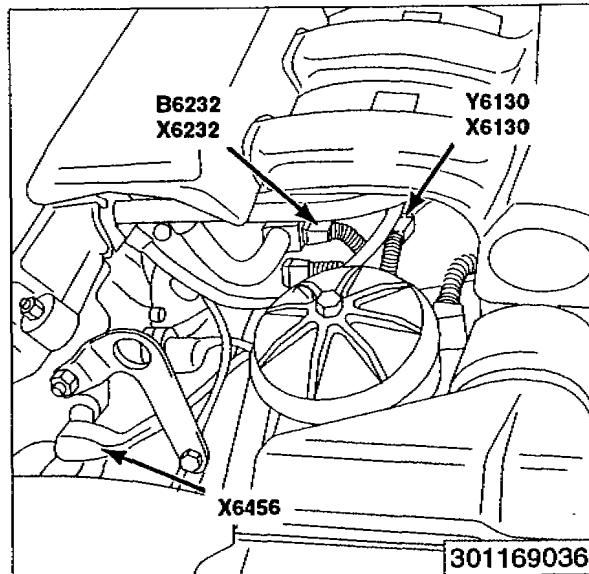


FIG. 1 - RH front of engine (325i)

- B6232 ENGINE COOLANT TEMPERATURE SENSOR
- X6130 CONNECTOR (2-PINS, BLACK)
- X6232 CONNECTOR (2-PINS, BLACK)
- X6456 GROUND
- Y6130 IDLE SPEED CONTROL VALVE

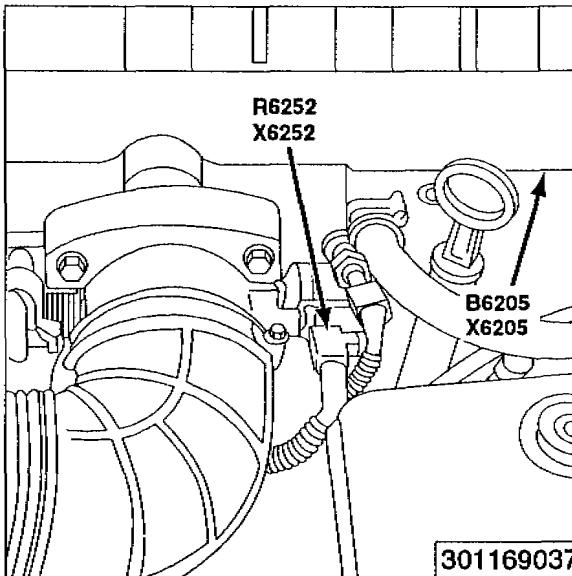


FIG. 2 - LH side of engine (325i)

- B6205 INTAKE AIR TEMPERATURE SENSOR
- R6252 THROTTLE POSITION SENSOR
- X6205 CONNECTOR (2-PINS, BLACK)
- X6252 CONNECTOR (3-PINS, BLACK)

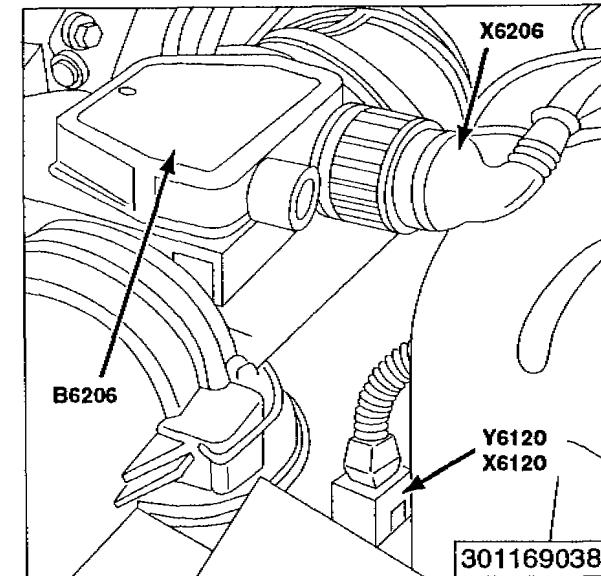


FIG. 3 - LH side of engine (325i)

- B6206 MASS AIR FLOW SENSOR
- X6120 CONNECTOR (2-PINS, BLACK)
- X6206 CONNECTOR (7-PINS, BLACK)
- Y6120 EVAPORATIVE EMISSION VALVE

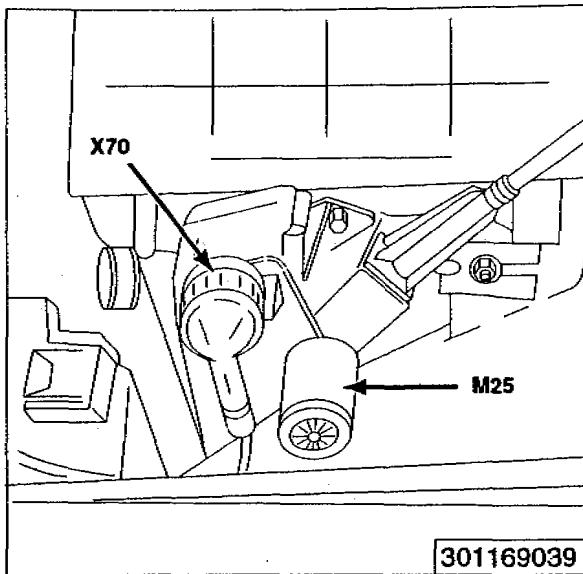


FIG. 1 - Front LH side of engine compartment

- M25 CRUISE CONTROL ACTUATOR (TEMPOMAT)
X70 CONNECTOR (8-PINS, BLACK)

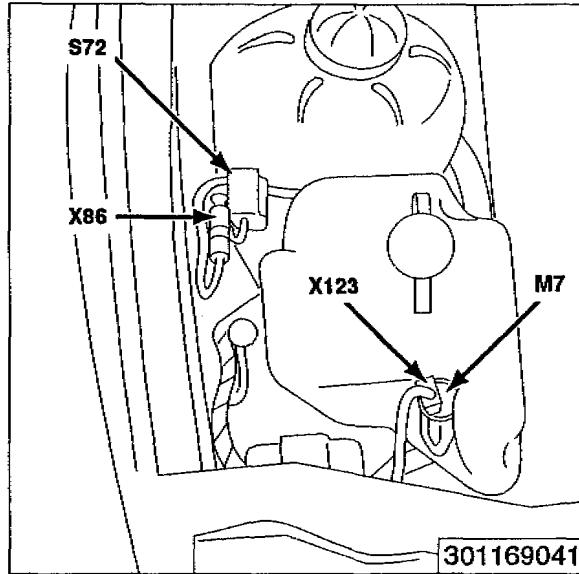


FIG. 2 - Front RH side of engine compartment washer fluid reservoir with Intensive wash

- M7 HEADLIGHT/FOG LIGHT WASHER PUMP
S72 RIGHT FRONT IMPACT SENSOR
X86 CONNECTOR (3-PINS, ORANGE)
X123 CONNECTOR (2-PINS, GRAY)

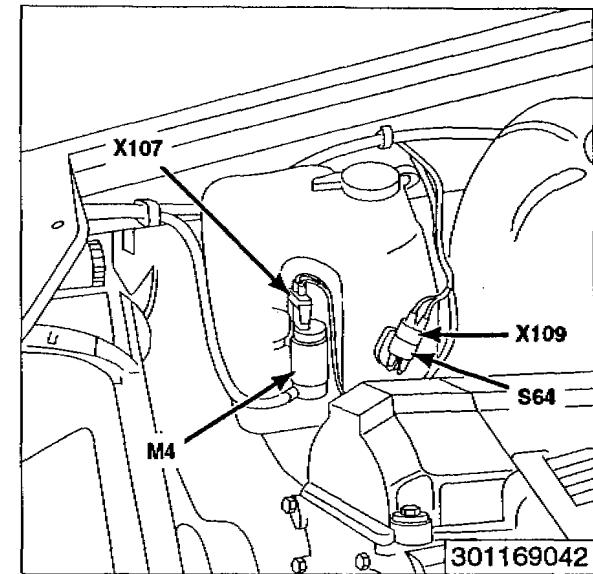


FIG. 3 - Front RH side of engine compartment on washer fluid reservoir

- M4 WASHER PUMP
S64 WASHER FLUID LEVEL SWITCH
X107 CONNECTOR (2-PINS, GRAY)
X109 CONNECTOR (2-PINS, GRAY)

COMPONENT LOCATION VIEWS

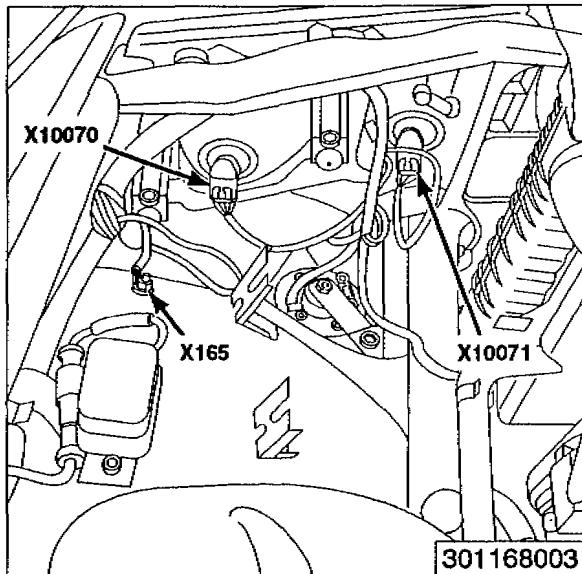


FIG. 1 - Front LH side of engine compartment

X165 GROUND
X10070 CONNECTOR (2-PINS, GRAY)
X10071 CONNECTOR (2-PINS, BLACK)

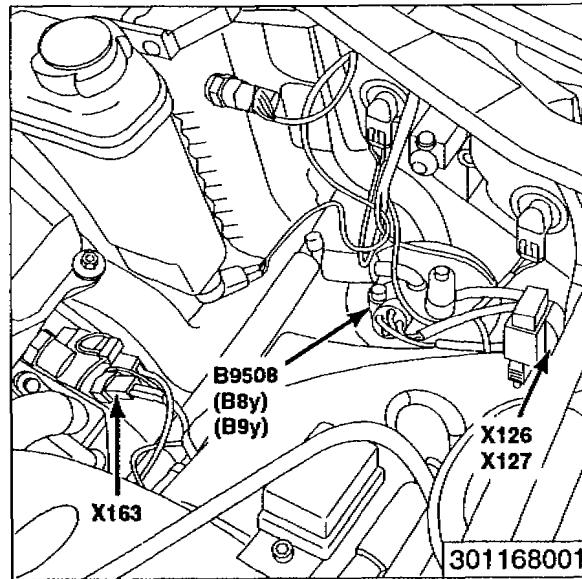


FIG. 2 - Front RH side of engine compartment

B8y PRESSURE SWITCH
B9y PRESSURE SWITCH
B9508 PRESSURE SWITCH
X126 CONNECTOR (2-PINS, BLACK)
X127 CONNECTOR (2-PINS, BLACK)
X163 CONNECTOR (3-PINS, BLACK)

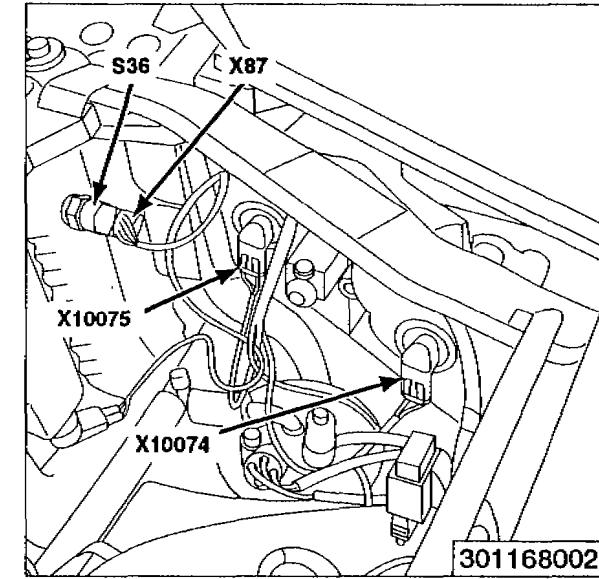


FIG. 3 - Front RH side of engine compartment

S36 TEMPERATURE SWITCH
X87 CONNECTOR (3-PINS, BLACK)
X10074 CONNECTOR (2-PINS, BLACK)
X10075 CONNECTOR (2-PINS, GRAY)

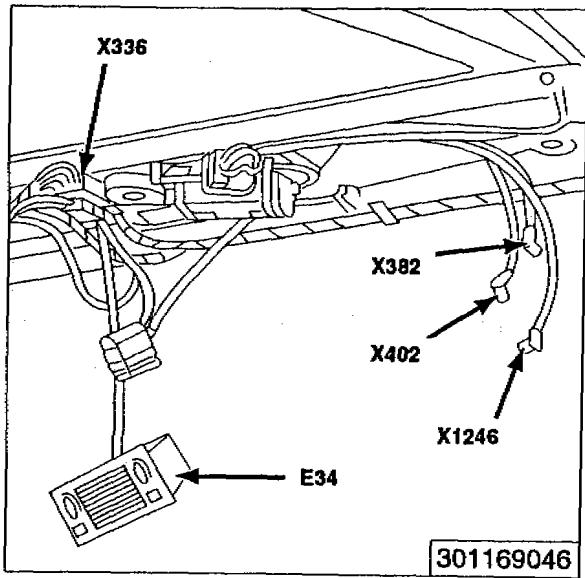


FIG. 1 - In roof panel

- E34 FRONT DOME LIGHT/MAP READING ASSEMBLY
- X382 CONNECTOR (3-PINS, BLACK)
- X336 CONNECTOR (6-PINS, WHITE)
- X402 CONNECTOR (1-PINS, BLACK)
- X1246 CONNECTOR (1-PINS, BLACK)

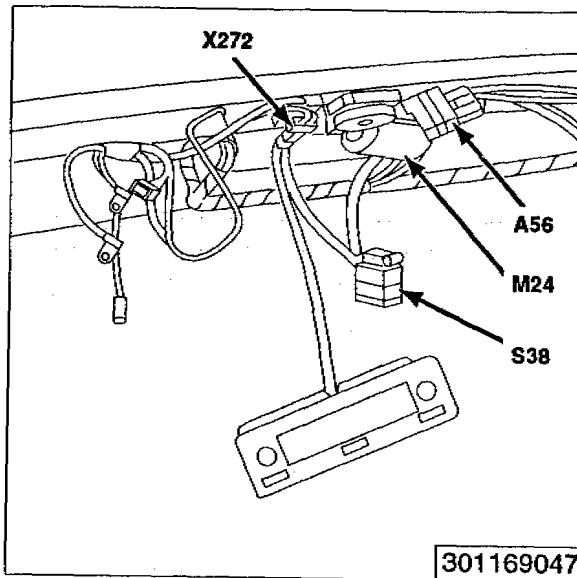


FIG. 2 - In roof panel

- A56 SUNROOF CONTROL ASSEMBLY
- M24 SUNROOF MOTOR
- S38 SUNROOF SWITCH
- X272 CONNECTOR (2-PINS, BLACK)

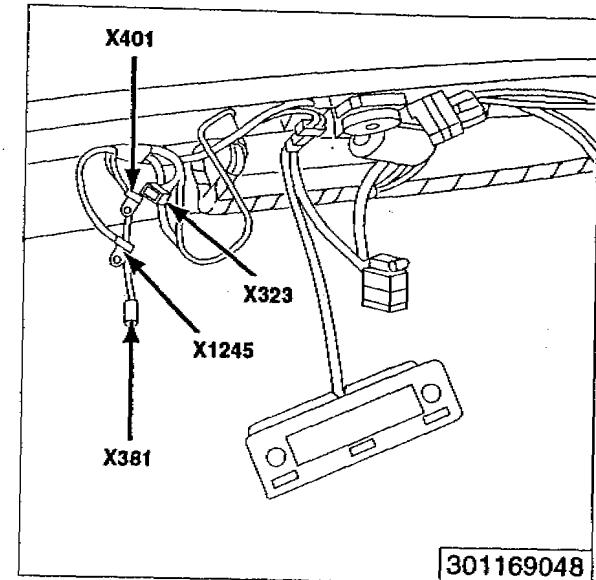


FIG. 3 - In roof panel

- X323 CONNECTOR (6-PINS, WHITE)
- X381 CONNECTOR (3-PINS, BLACK)
- X401 CONNECTOR (1-PINS, BLACK)
- X1245 CONNECTOR (1-PINS, BLACK)

COMPONENT LOCATION VIEWS

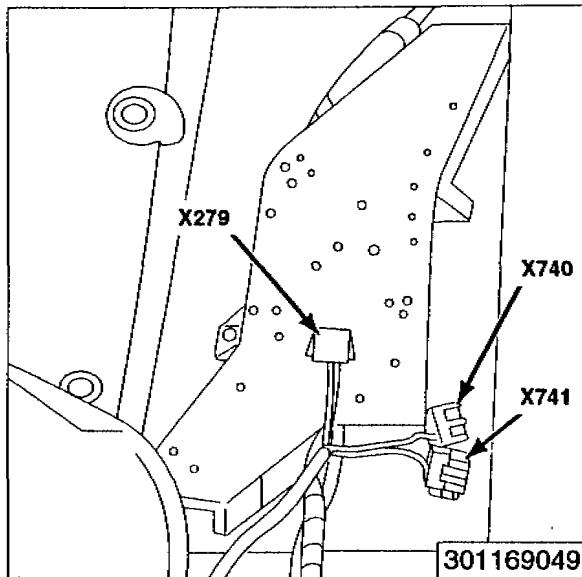


FIG. 1 - Under RH front seat

- X279 CONNECTOR (4-PINS, WHITE)
X740 CONNECTOR (4-PINS, BLACK)
X741 CONNECTOR (4-PINS, BLACK)

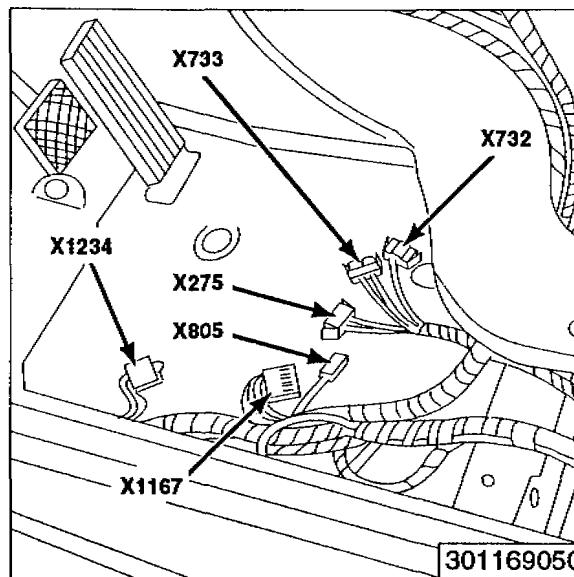


FIG. 2 - Under LH front seat under carpet

- X275 CONNECTOR (4-PINS, WHITE)
X732 CONNECTOR (4-PINS, BLACK)
X733 CONNECTOR (4-PINS, BLACK)
X805 REMOVABLE SPLICE
X1167 REMOVABLE SPLICE
X1234 REMOVABLE SPLICE

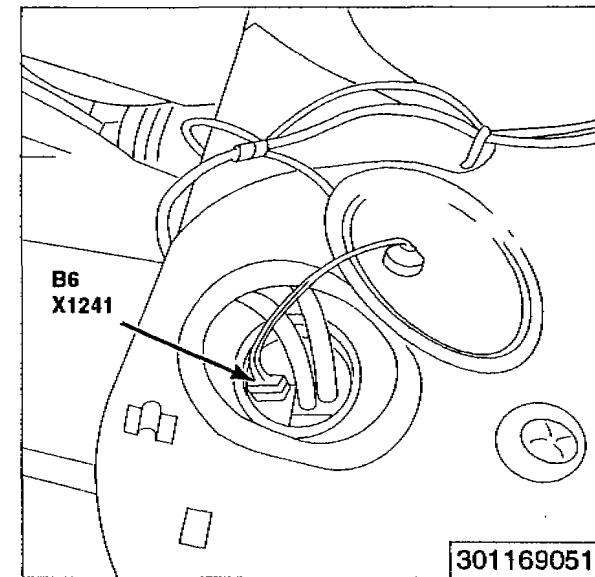


FIG. 3 - Below LH side of rear seat

- B6 FUEL LEVEL SENSOR
X1241 CONNECTOR (2-PINS, WHITE)

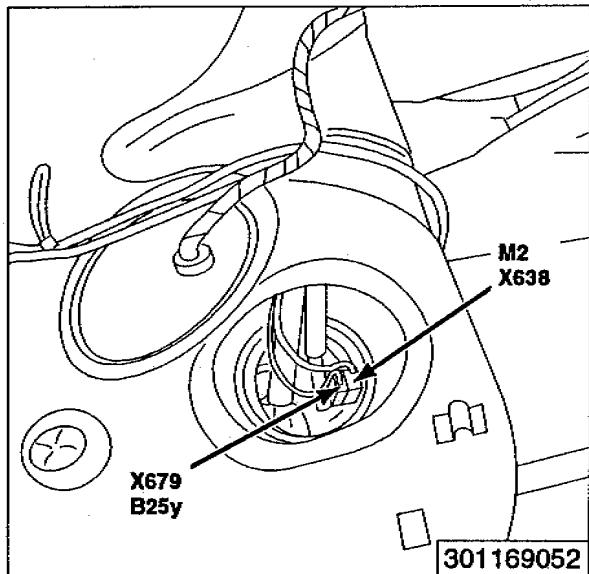


FIG. 1 - Below RH side of rear seat

B25y FUEL TANK SENSOR II
M2 FUEL PUMP
X638 CONNECTOR (2-PINS, BLACK)
X679 CONNECTOR (2-PINS, WHITE)

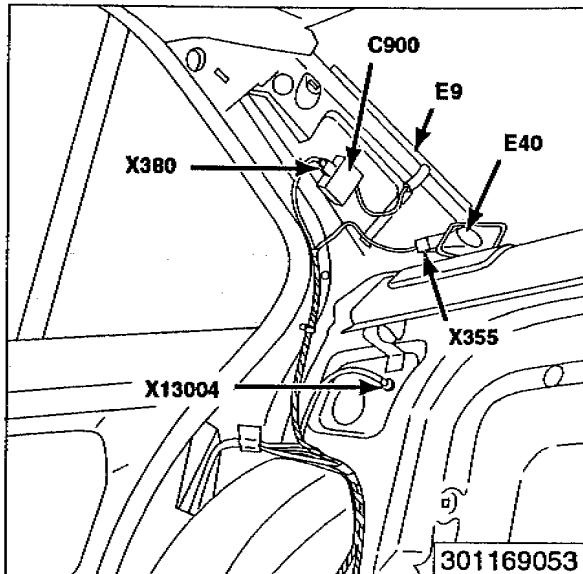


FIG. 2 - In lower RH C-pillar

C900 SUPPRESSION FILTER
E9 REAR DEFOGGER I
E40 RIGHT REAR INTERIOR LIGHT
X355 CONNECTOR (2-PINS, BLACK)
X380 CONNECTOR (1-PINS, NATURAL)
X13004 GROUND

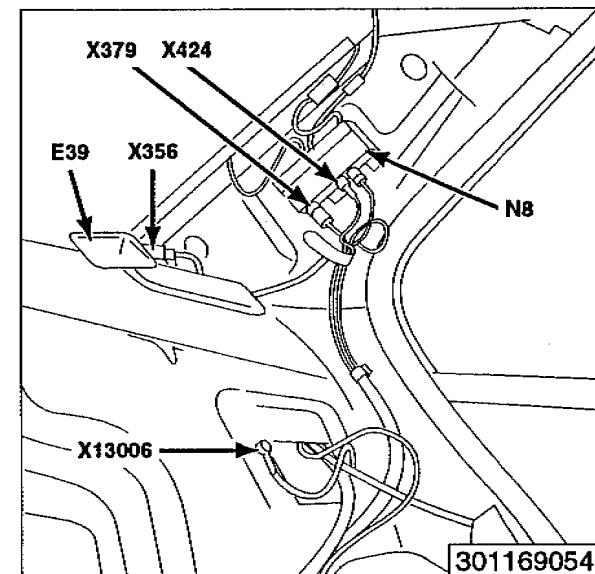


FIG. 3 - In lower LH C-pillar

E39 LEFT REAR INTERIOR LIGHT
N8 ANTENNA AMPLIFIER AM/FM
X356 CONNECTOR (2-PINS, BLACK)
X379 CONNECTOR (1-PINS, NATURAL)
X424 CONNECTOR (1-PINS, BROWN)
X13006 GROUND



COMPONENT LOCATION VIEWS

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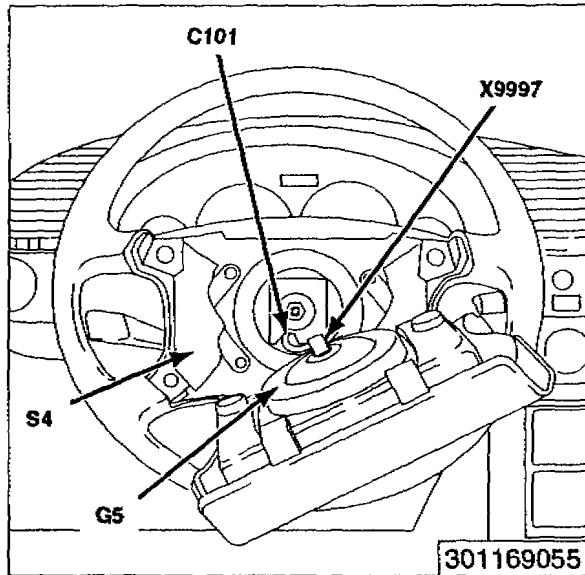


FIG 1 - Behind steering wheel (Airbag removed)

- C101 CONTACT RING
- G5 DRIVER'S AIR BAG GENERATOR
- S4 HORN SWITCH
- X9997 CONNECTOR (2-PINS, BLACK)

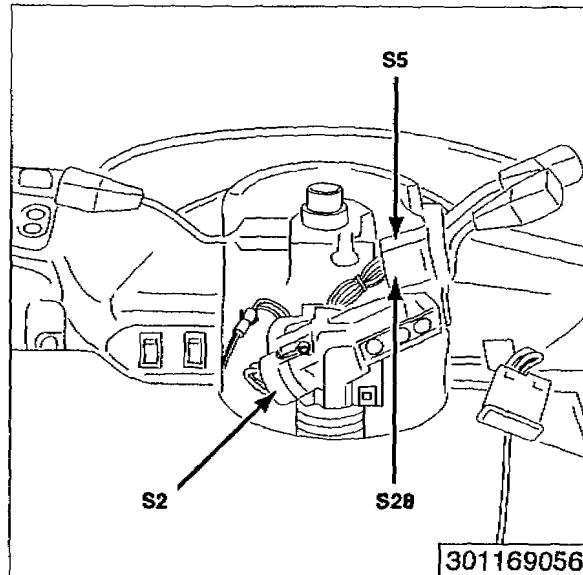


FIG 2 - Top of steering column (steering wheel removed)

- S2 IGNITION SWITCH
- S5 WIPER/WASHER SWITCH
- S28 CRUISE CONTROL SWITCH

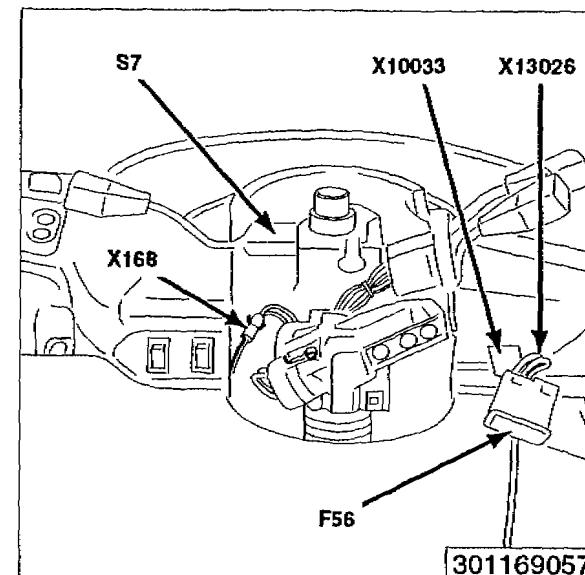


FIG 3 - Top of steering column (steering wheel removed)

- F56 AUTOMATIC CUT-OUT
- S7 COMBINATION SWITCH
- X10033 CONNECTOR (1-PINS, BLACK)
- X13026 CONNECTOR (1-PINS, BLACK)

7100 0-21

1992



COMPONENT LOCATION VIEWS

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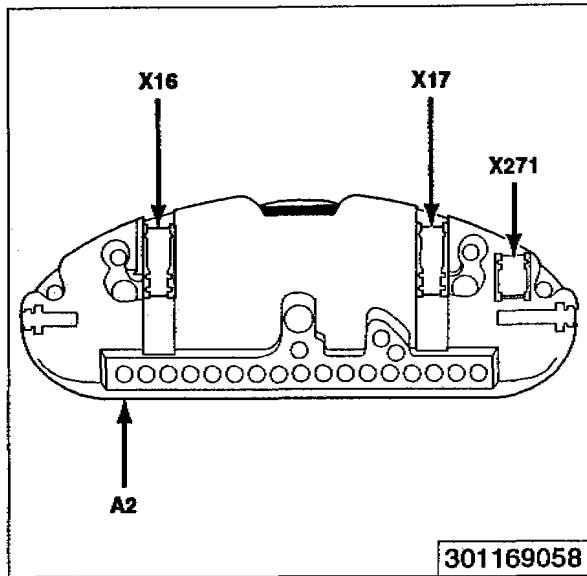


FIG. 1 - Rear of A2 Instrument cluster

- A2 INSTRUMENT CLUSTER
- X16 CONNECTOR (26-PINS, WHITE)
- X17 CONNECTOR (26-PINS, BLUE)
- X271 CONNECTOR (12-PINS, BLACK)

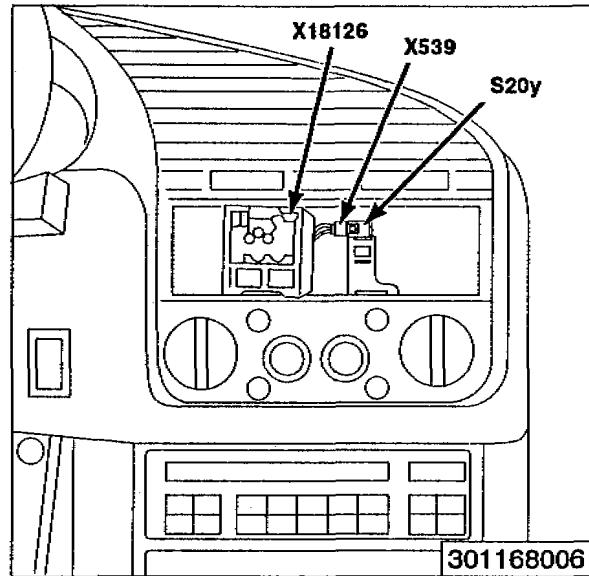


FIG. 2 - Center console behind radio (radio removed)

- S20y RADIO MICROSWITCH
- X539 CONNECTOR (2-PINS, BLACK)
- X18126 CONNECTOR (17-PINS, BLACK)

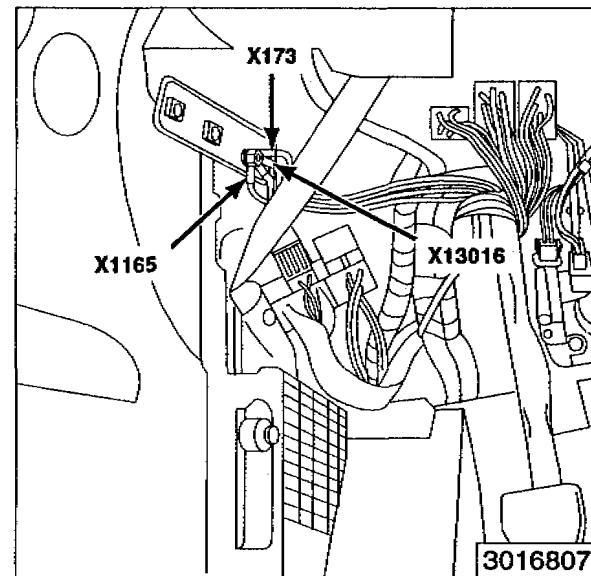


FIG. 3 - Below LH side of dash

- X173 GROUND
- X1165 GROUND
- X13016 GROUND

1992

COMPONENT LOCATION VIEWS

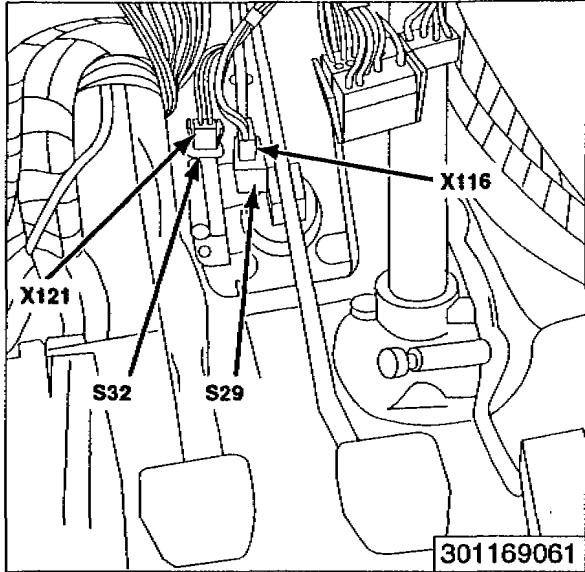


FIG. 1 - Footwell, driver's side

- S29 BRAKE LIGHT SWITCH
- S32 CLUTCH SWITCH
- X116 CONNECTOR (2-PINS, BLACK)
- X121 CONNECTOR (2-PINS, BLACK)

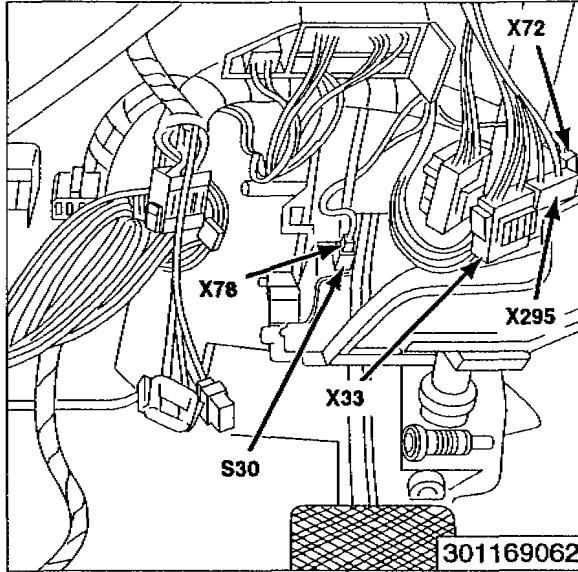


FIG. 2 - Footwell, driver's side

- S30 BRAKE LIGHT SWITCH
- X33 CONNECTOR (12-PINS, BLACK)
- X72 CONNECTOR (8-PINS, WHITE)
- X78 CONNECTOR (4-PINS, BLACK)
- X295 CONNECTOR (8-PINS, BLACK)

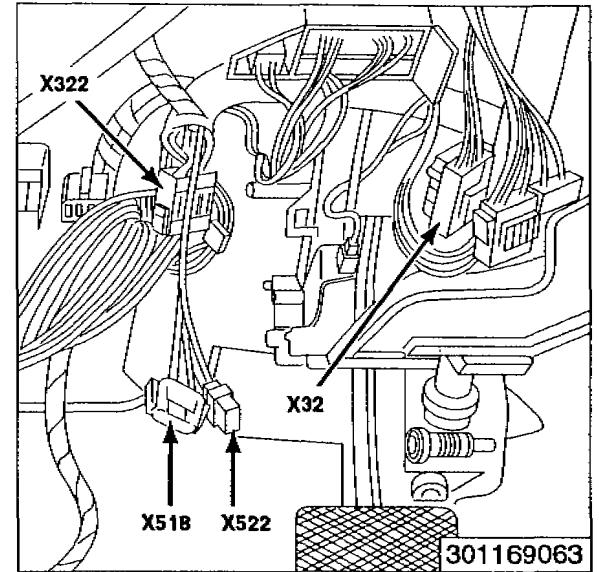


FIG. 3 - Footwell, driver's side

- X32 CONNECTOR (12-PINS, WHITE)
- X322 CONNECTOR (6-PINS, BLACK)
- X518 CONNECTOR (4-PINS, BLACK)
- X522 CONNECTOR (3-PINS, WHITE)

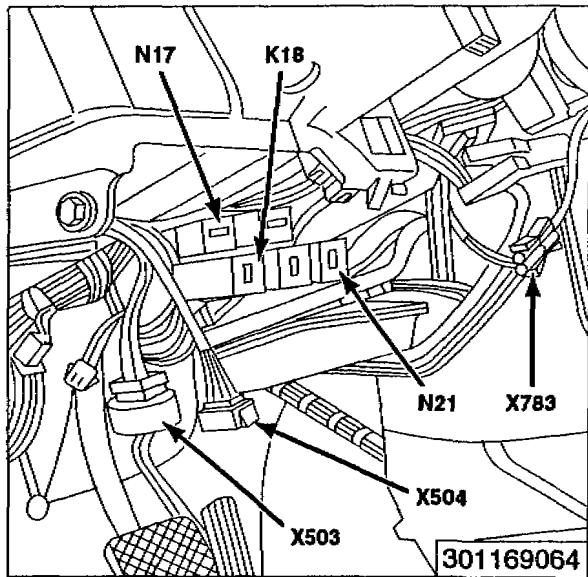


FIG 1 - Below LH side of dash

- N17 CRASH CONTROL MODULE
- N21 TWIN RELAY MODULE
- K18 UNLOADER RELAY TERMINAL R
- X503 CONNECTOR (12-PINS, WHITE)
- X504 CONNECTOR (4-PINS, WHITE)
- X783 CONNECTOR (2-PINS, ORANGE)

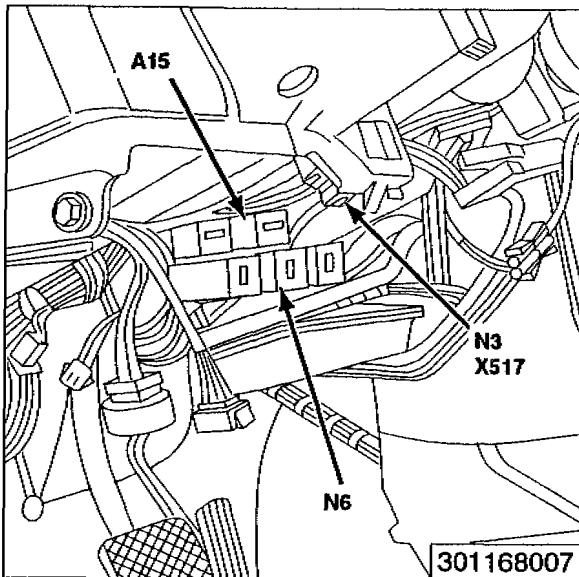


FIG 2 - Below LH side of dash

- A15 PARK HEATING/VENTILATION RELAY BOX
- N6 HEADLIGHT/FOGLIGHT CLEANING MODULE (SRA)
- N3 DIMMER
- X517 CONNECTOR (4-PINS, BLACK)

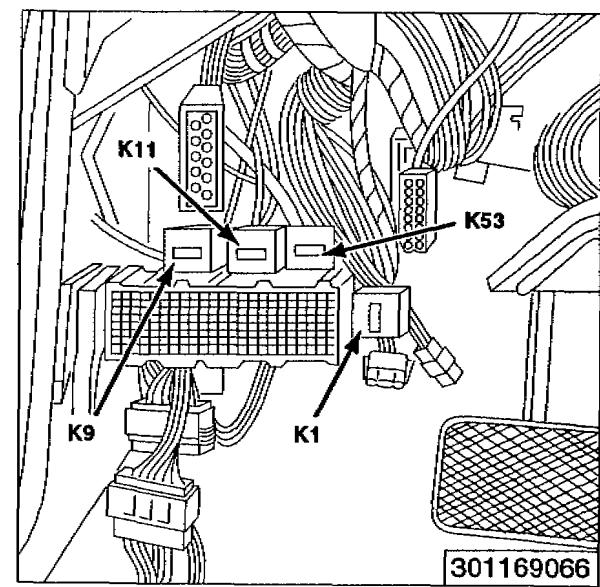


FIG 3 - Below LH side of dash

- K1 STARTER RELAY
- K9 UNLOADER RELAY, TERMINAL 15
- K11 WIPER RELAY
- K53 WIPER MOTOR RELAY

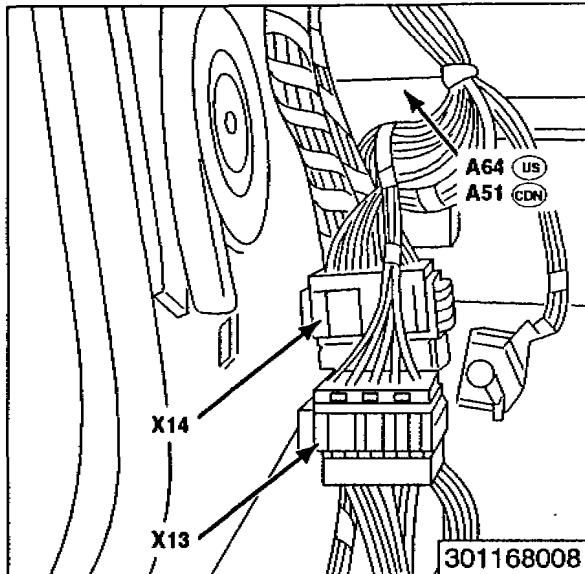


FIG. 1 - Footwell, driver's side

- A51 WIPER/WASHER MODULE
- A64 WIPER/WASHER MODULE (LOW II)
- X13 CONNECTOR (30-PINS, BLACK)
- X14 CONNECTOR (30-PINS, WHITE)

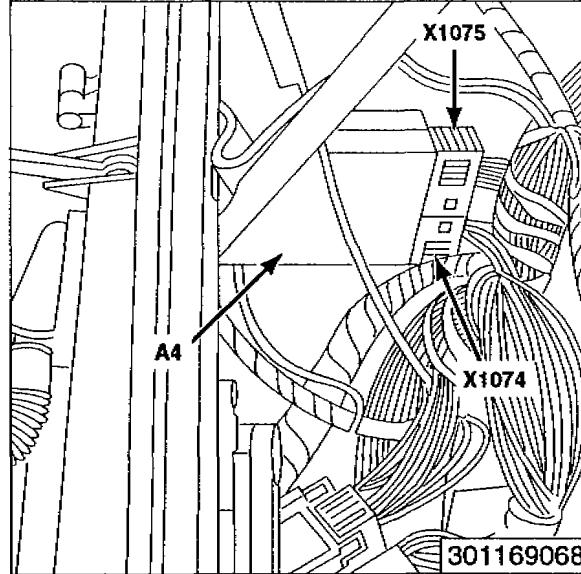


FIG. 2 - Below LH side of dash

- A4 CHECK CONTROL MODULE
- X1074 CONNECTOR (15-PINS, WHITE)
- X1075 CONNECTOR (15-PINS, BLACK)

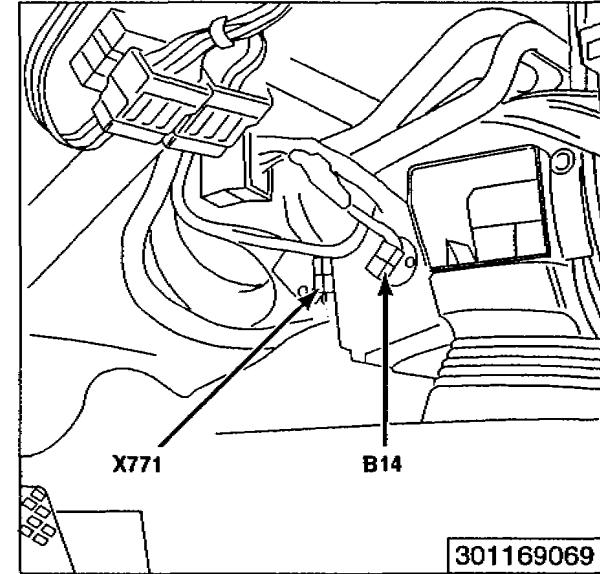


FIG. 3 - LH side of IHKR Plenum

- B14 EVAPORATOR TEMPERATURE SENSOR
- X771 CONNECTOR (2-PINS, BLACK)

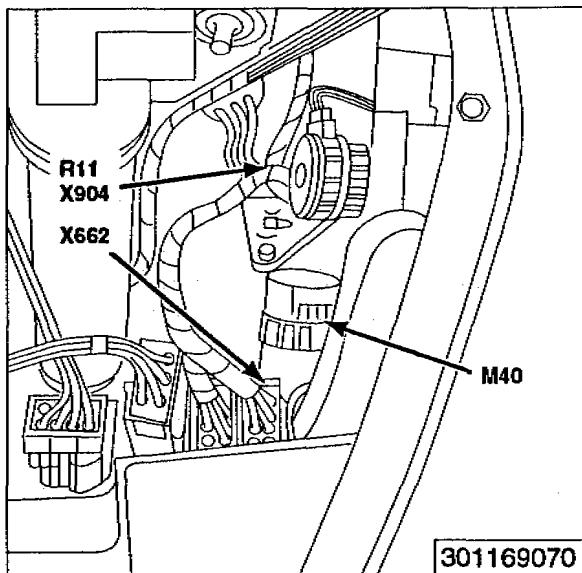


FIG. 1 - Behind center of dashboard LH side of IHKR Plenum

M40 RECIRCULATION FLAP MOTOR
R11 BLOWER RESISTORS
X904 CONNECTOR (4-PINS, BLACK)
X662 CONNECTOR (6-PINS, GRAY)

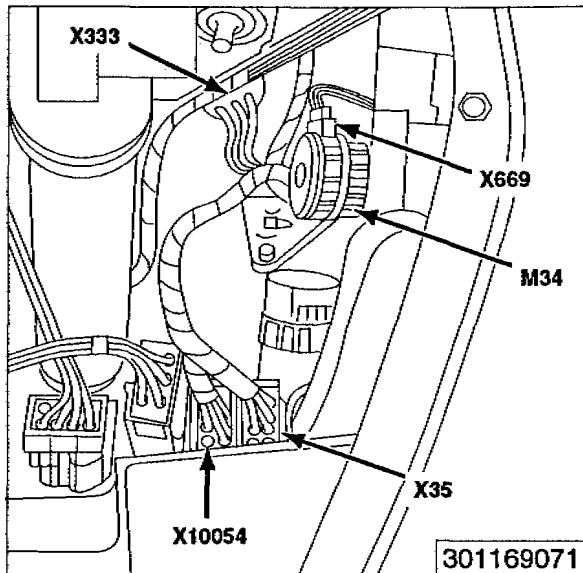


FIG. 2 - Behind center of dashboard LH side of IHKR Plenum

M40 DASH VENT MIXING FLAP MOTOR
X35 CONNECTOR (12-PINS, WHITE)
X333 CONNECTOR (4-PINS, BLACK)
X669 CONNECTOR (6-PINS, GRAY)
X10054 CONNECTOR (12-PINS, BLACK)

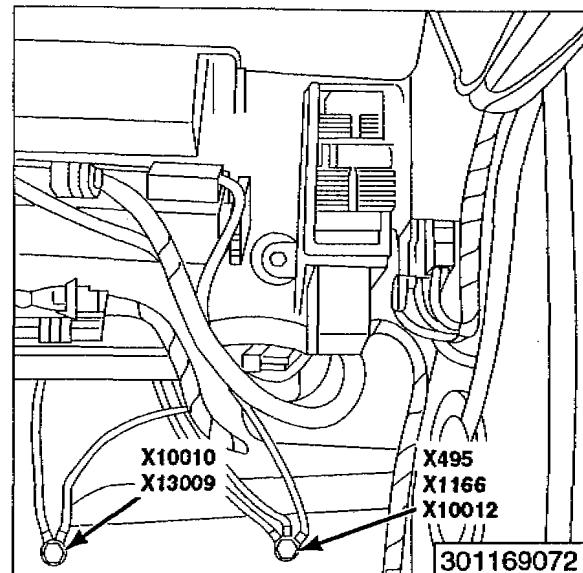


FIG. 3 - Below RH side of dash

X495 GROUND
X1166 GROUND
X10010 GROUND
X10012 GROUND
X13009 GROUND

COMPONENT LOCATION VIEWS

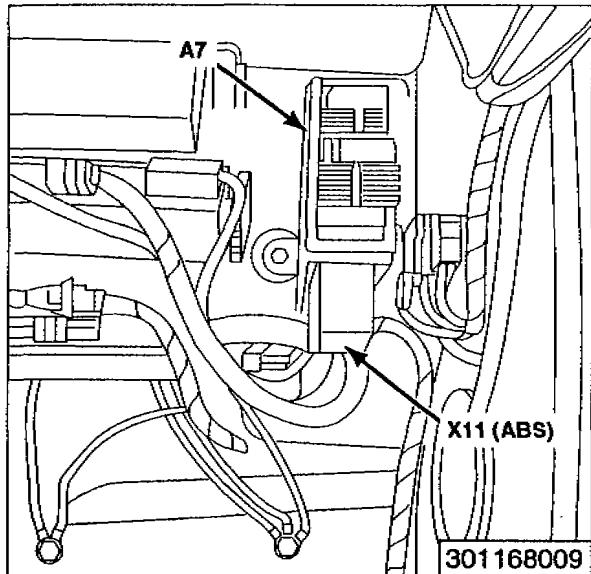


FIG. 1 - Behind glove box

A7 SLIP CONTROL MODULE (ABS)
X11 CONNECTOR (55-PINS, BLACK)

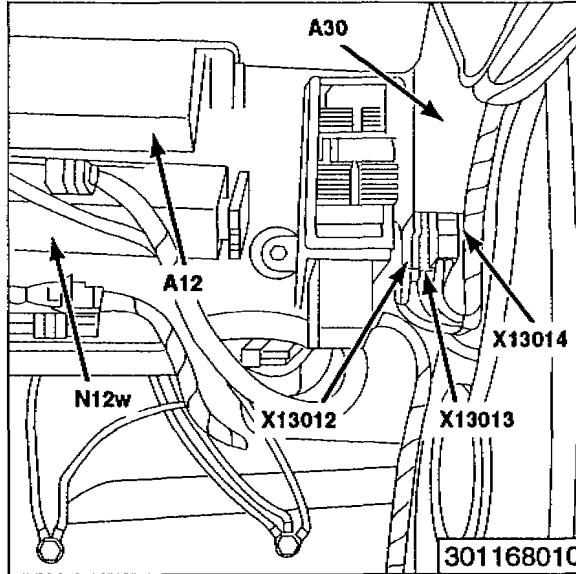


FIG. 2 - Below RH side of dash

A12 SUPPLEMENTAL RESTRAINT SYSTEM CONTROL MODULE
A30 CENTRAL LOCKING MODULE
N12w ANTI-THEFT CONTROL MODULE (ALPINE)
X13012 CONNECTOR (26-PINS, WHITE)
X13013 CONNECTOR (5-PINS, BLACK)
X13014 CONNECTOR (4-PINS, BLACK)

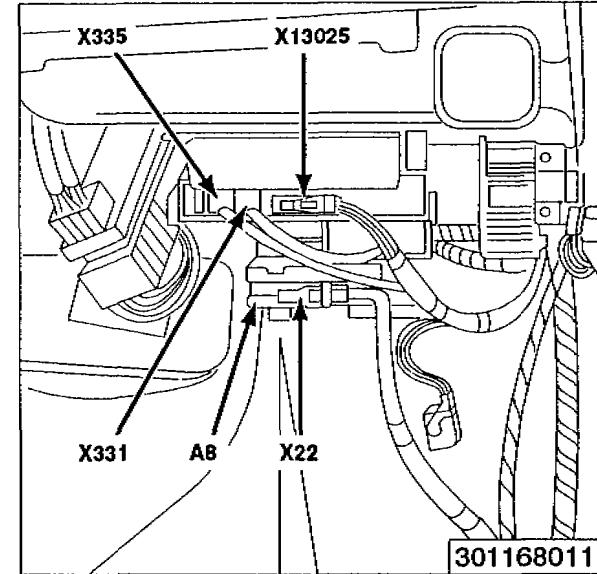


FIG. 3 - Below RH side of dash

A8 CRUISE CONTROL MODULE (TEMPOMAT)
X22 CONNECTOR (26-PINS, BLUE)
X13025 CONNECTOR (26-PINS, BLACK)
X331 CONNECTOR (5-PINS, BLACK)
X335 CONNECTOR (4-PINS, BLACK)

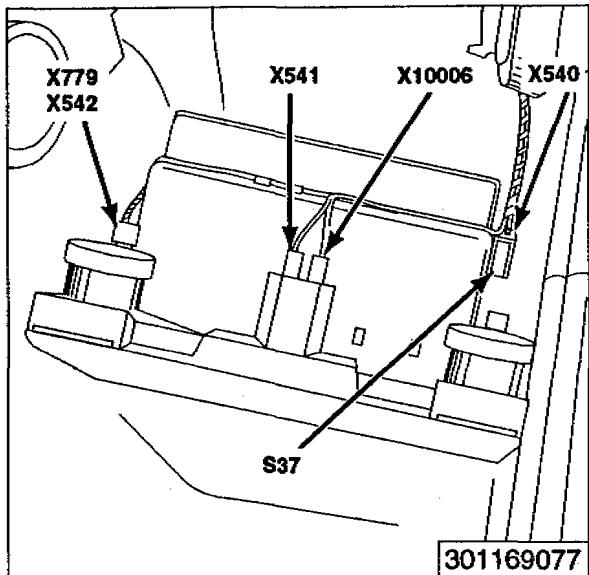


FIG. 1 - Behind glove box

- | | |
|--------|---------------------------|
| S37 | GLOVE BOX LIGHT SWITCH |
| X540 | CONNECTOR (2-PINS, BLACK) |
| X541 | CONNECTOR (1-PINS, WHITE) |
| X542 | CONNECTOR (2-PINS, BLACK) |
| X779 | CHARGING SOCKET |
| X10006 | CONNECTOR (1-PINS, WHITE) |

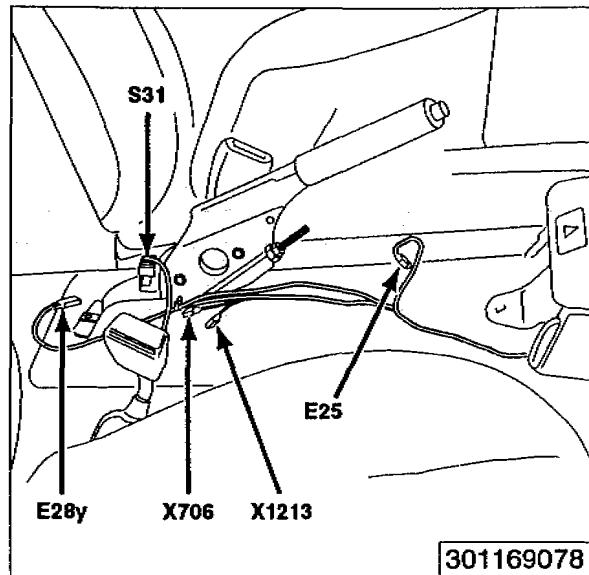


FIG. 2 - Center console

- | | |
|-------|---------------------------|
| E25 | FRONT ASHTRAY LIGHT |
| E28y | REAR ASHTRAY LIGHT |
| S31 | PARK BRAKE SWITCH |
| X706 | CONNECTOR (2-PINS, BLACK) |
| X1213 | CONNECTOR (2-PINS, BLACK) |

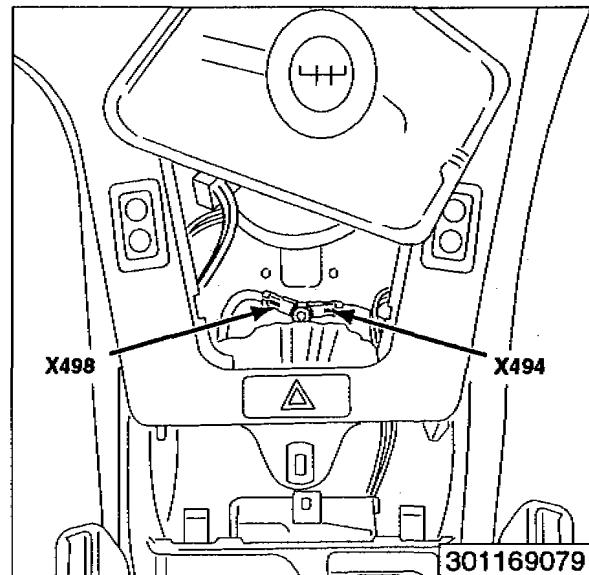


FIG. 3 - Center console

- | | |
|------|--------|
| X494 | GROUND |
| X498 | GROUND |

COMPONENT LOCATION VIEWS

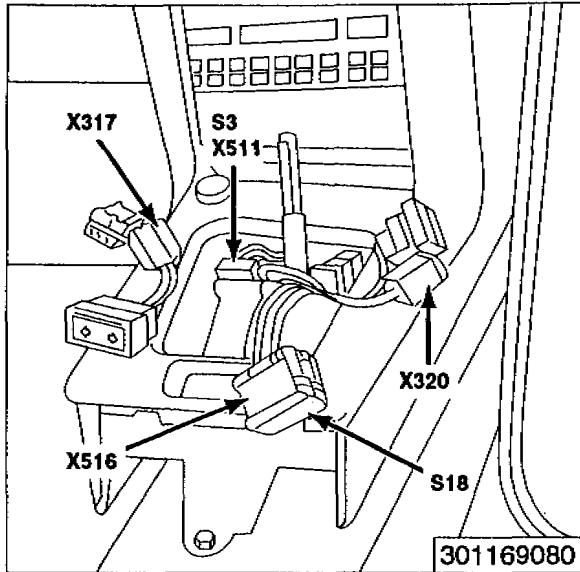


FIG. 1 - Center console near gearshift lever

- S3** AUTOMATIC TRANSMISSION RANGE SWITCH
- S18** HAZARD SWITCH
- X317** CONNECTOR (6-PINS, WHITE)
- X320** CONNECTOR (6-PINS, WHITE)
- X511** CONNECTOR (8-PINS, BLACK)
- X516** CONNECTOR (5-PINS, BLACK)

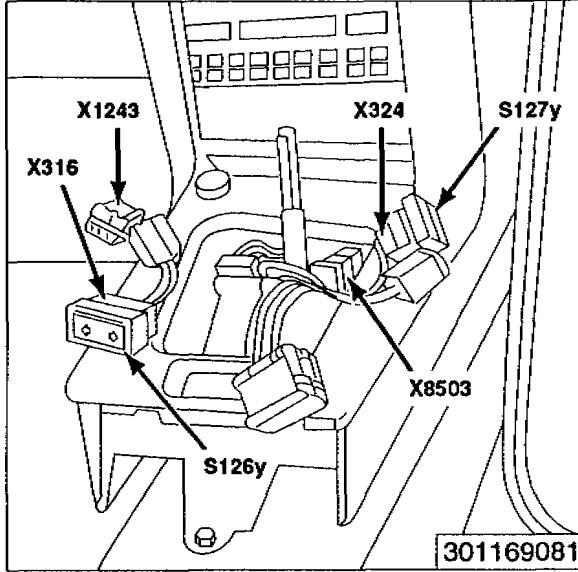


FIG. 2 - Center console near gearshift lever

- S126y** DRIVER'S POWER WINDOW SWITCH
- S127y** PASSENGER'S POWER WINDOW SWITCH
- X316** CONNECTOR (6-PINS, WHITE)
- X324** CONNECTOR (6-PINS, WHITE)
- X1243** CONNECTOR (6-PINS, BLACK)
- X8503** CONNECTOR (10-PINS, WHITE)

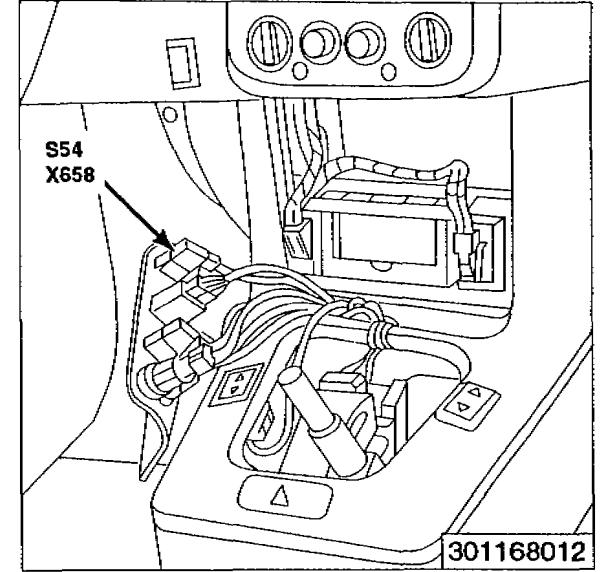


FIG. 3 - Center console near gearshift lever

- S54** PASSENGER'S SEAT, SEAT HEATER SWITCH
- X658** CONNECTOR (6-PINS, YELLOW)

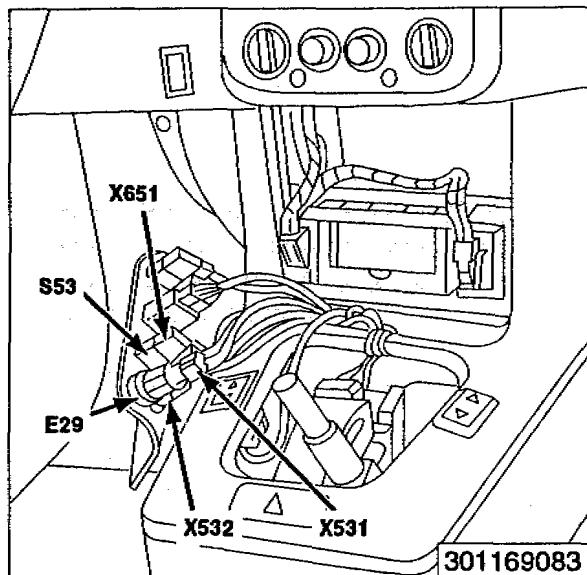


FIG. 1 - Center console near gearshift lever

- E29 FRONT CIGAR LIGHTER LIGHT
S53 DRIVER'S SEAT, SEAT HEATER
SWITCH
X531 CONNECTOR (1-PINS, BLACK)
X532 CONNECTOR (2-PINS, BLACK)
X651 CONNECTOR (6-PINS, YELLOW)

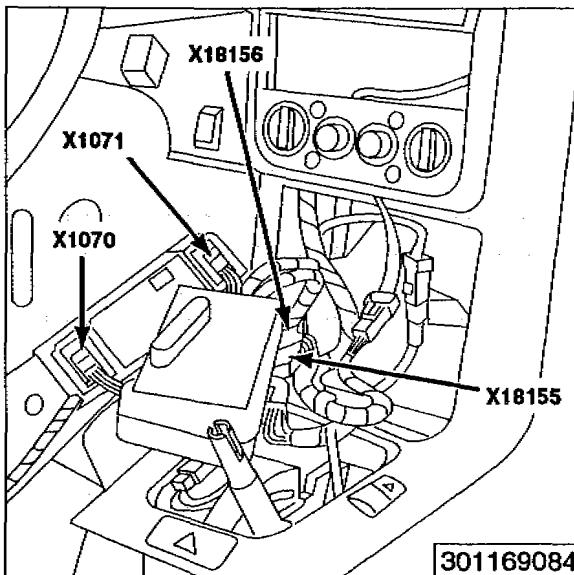


FIG. 2 - Center console on-board computer (removed)

- X1070 CONNECTOR (18-PINS, BLACK)
X1071 CONNECTOR (18-PINS, WHITE)
X18155 CONNECTOR (26-PINS, WHITE)
X18156 CONNECTOR (26-PINS, BLACK)

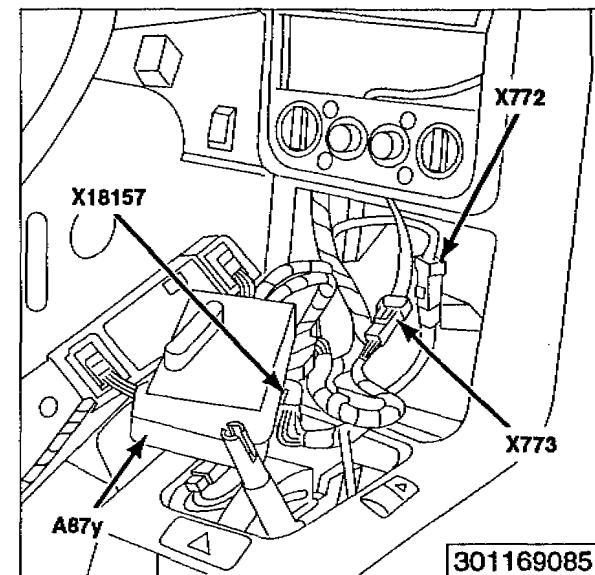


FIG. 3 - Center console on-board computer (removed)

- A87y INTEGRATED CLIMATE REGULA-
TION CONTROL MODULE
X772 CONNECTOR (2-PINS, WHITE)
X773 CONNECTOR (2-PINS, WHITE)
X18157 CONNECTOR (26-PINS, BLUE)



COMPONENT LOCATION VIEWS

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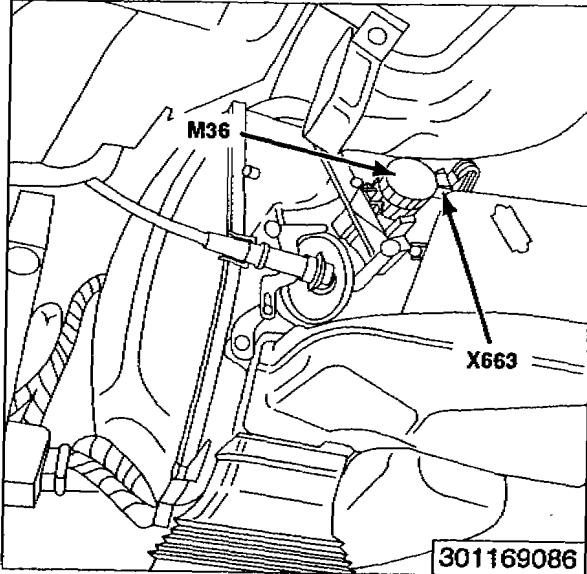


FIG. 1 - RH side of IHKR Plenum

- M36 FRESH AIR FLAP MOTOR
X663 CONNECTOR (6-PINS, GRAY)

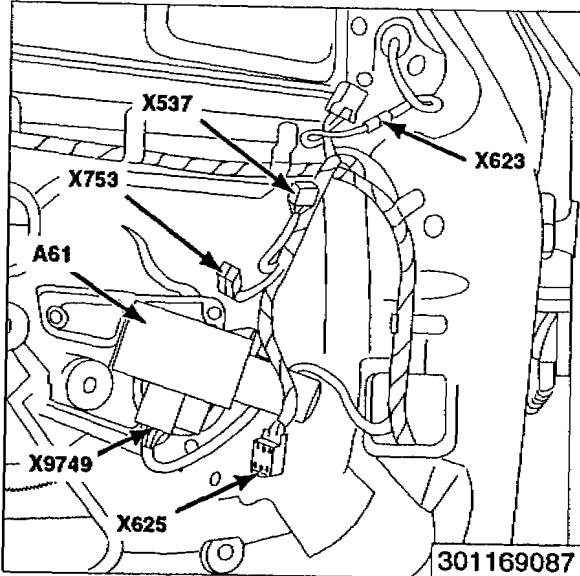


FIG. 2 - Driver's door under trim panel

- A61 DRIVER'S SIDE POWER WINDOW MODULE
X537 CONNECTOR (2-PINS, BLACK)
X623 CONNECTOR (4-PINS, BLACK)
X625 CONNECTOR (6-PINS, WHITE)
X753 CONNECTOR (2-PINS, BLACK)
X9749 CONNECTOR (6-PINS, BLACK)

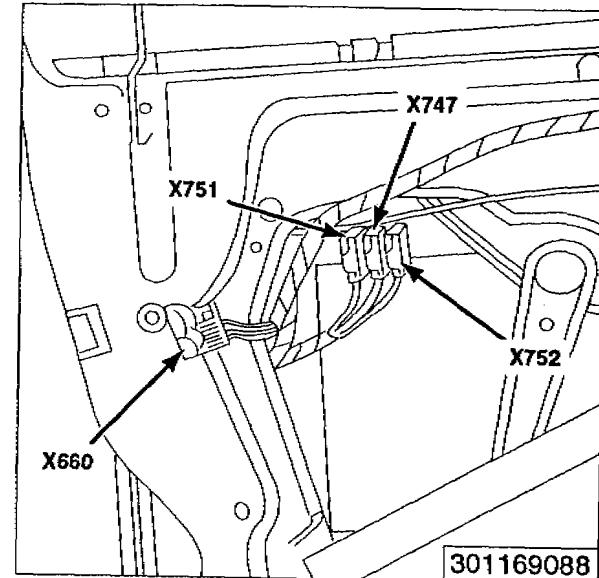


FIG. 3 - Driver's door under trim panel

- X660 CONNECTOR (6-PINS, BLACK)
X747 CONNECTOR (2-PINS, YELLOW)
X751 CONNECTOR (2-PINS, WHITE)
X752 CONNECTOR (2-PINS, GRAY)

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1992



COMPONENT LOCATION VIEWS

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7100.0-32

1992

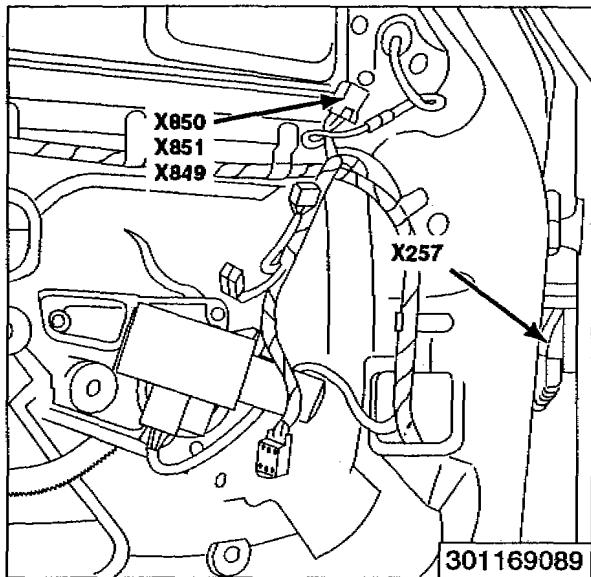


FIG. 1 - Driver's door under trim panel

- X257 CONNECTOR (26-PINS, BLACK)
- X849 REMOVABLE SPLICE
- X850 REMOVABLE SPLICE
- X851 REMOVABLE SPLICE

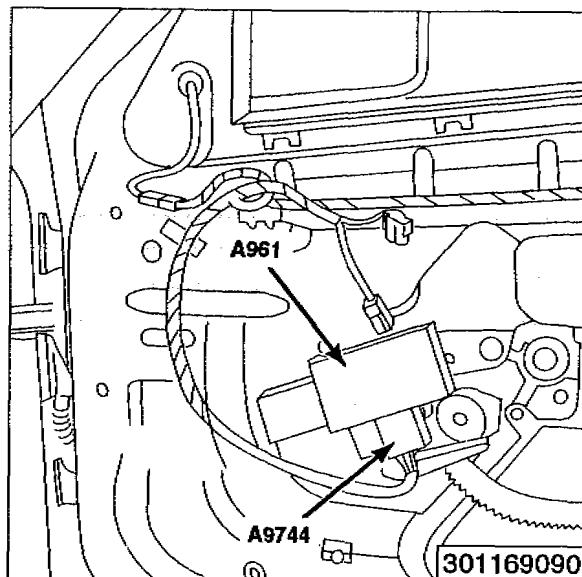


FIG. 2 - Passenger's door under trim panel

- A961 PASSENGER'S SIDE POWER WINDOW MODULE
- X9744 CONNECTOR (6-PINS, BLACK)

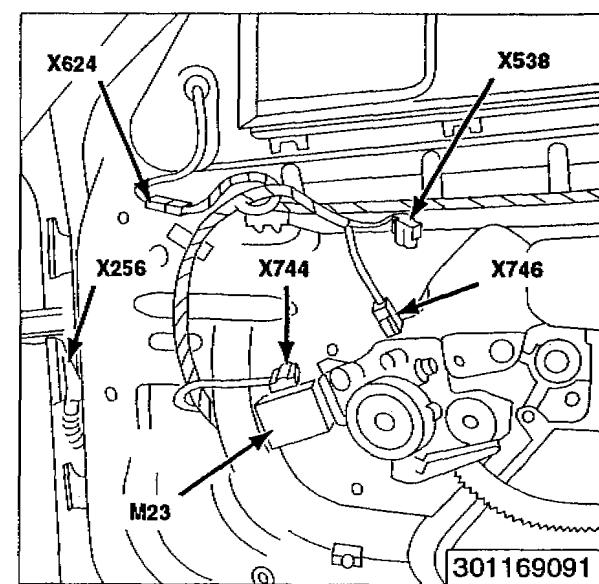


FIG. 3 - Passenger's door under trim panel

- M23 PASSENGER'S WINDOW MOTOR
- X256 CONNECTOR (26-PINS, BLACK)
- X538 CONNECTOR (2-PINS, BLACK)
- X624 CONNECTOR (4-PINS, BLACK)
- X744 CONNECTOR (2-PINS, GRAY)
- X746 CONNECTOR (2-PINS, BLACK)

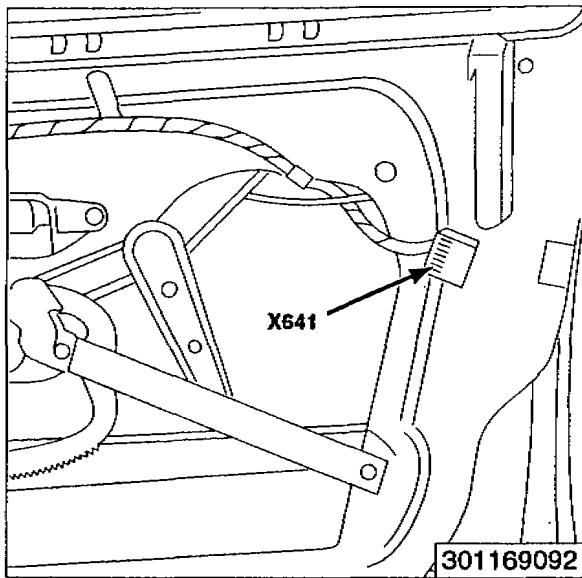


FIG. 1 - Passenger's door under trim panel

X641 CONNECTOR (6-PINS, BLACK)

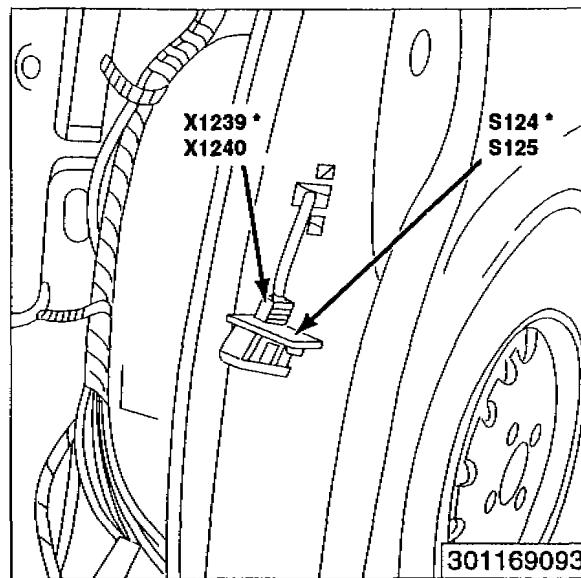


FIG. 2 - LH rear door jamb (*RH similar)

S124 RIGHT REAR DOOR CONTACT
S125 LEFT REAR DOOR CONTACT
X1239 CONNECTOR (2-PINS, WHITE)
X1240 CONNECTOR (2-PINS, BLACK)

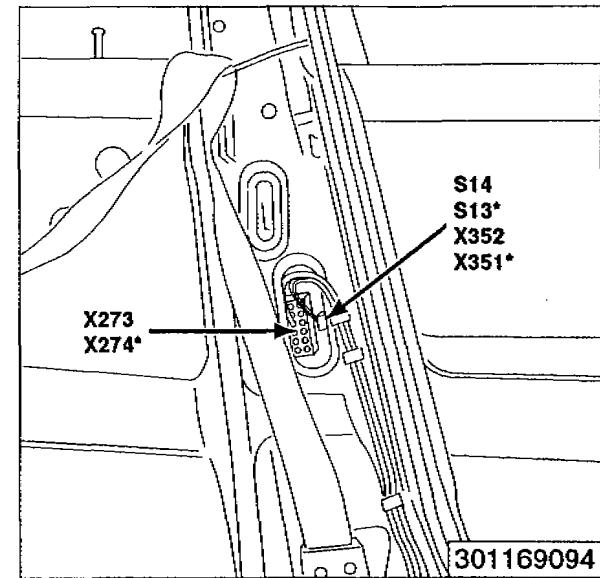


FIG. 3 - In lower LH B-pillar (*RH similar)

S13 PASSENGER'S DOOR JAMB SWITCH
S14 DRIVER'S DOOR JAMB SWITCH
X273 CONNECTOR (12-PINS, BLACK)
X274 CONNECTOR (12-PINS, BLACK)
X351 CONNECTOR (2-PINS, BLACK)
X352 CONNECTOR (2-PINS, BLACK)

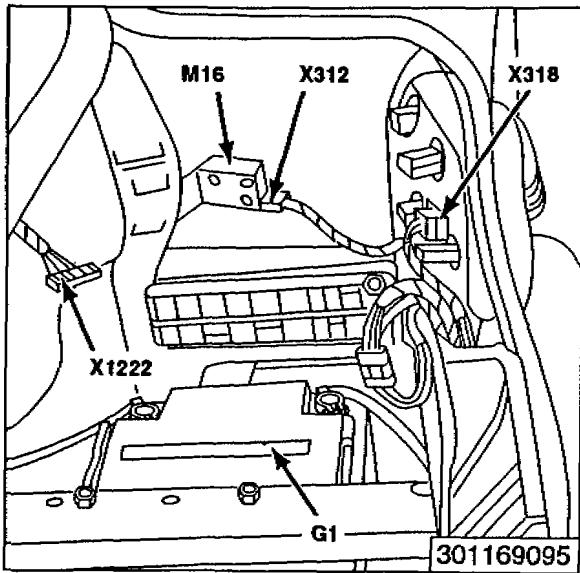


FIG. 1 - In RH rear side of luggage compartment (325i)

- G1 BATTERY
- M16 GAS FILLER LOCK MOTOR
- X312 CONNECTOR (2-PINS, BLACK)
- X318 CONNECTOR (8-PINS, BLACK)
- X1222 CONNECTOR (6-PINS, WHITE)

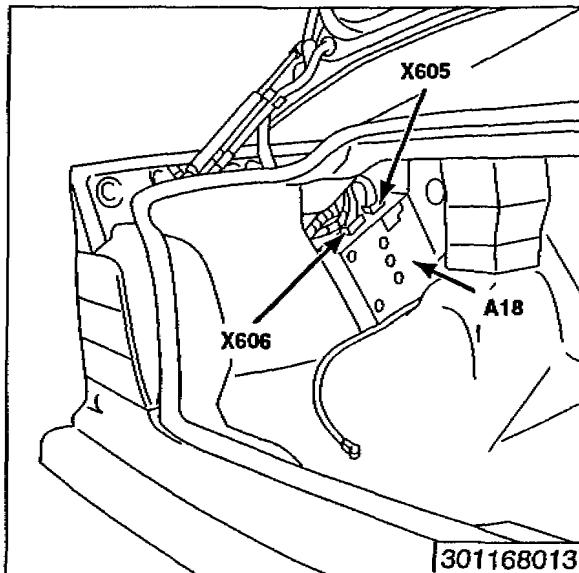


FIG. 2 - In LH forward side of luggage compartment

- A18 HIFI AMPLIFIER
- X605 CONNECTOR (12-PINS, BLACK)
- X606 CONNECTOR (12-PINS, WHITE)

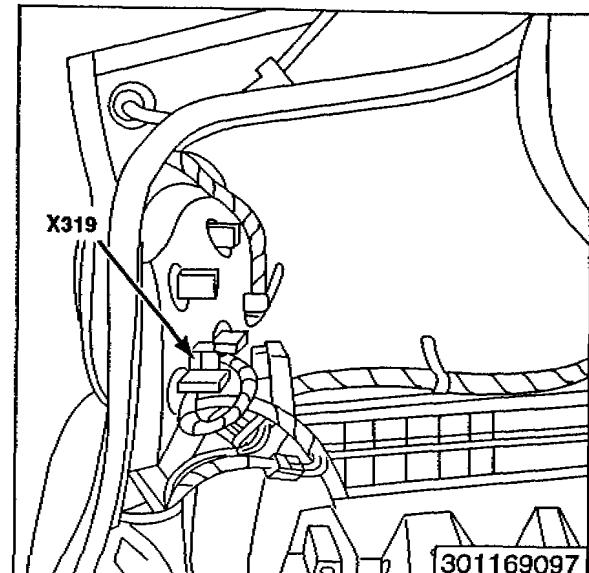


FIG. 3 - In LH rear side of luggage compartment

- X319 CONNECTOR (8-PINS, BLACK)

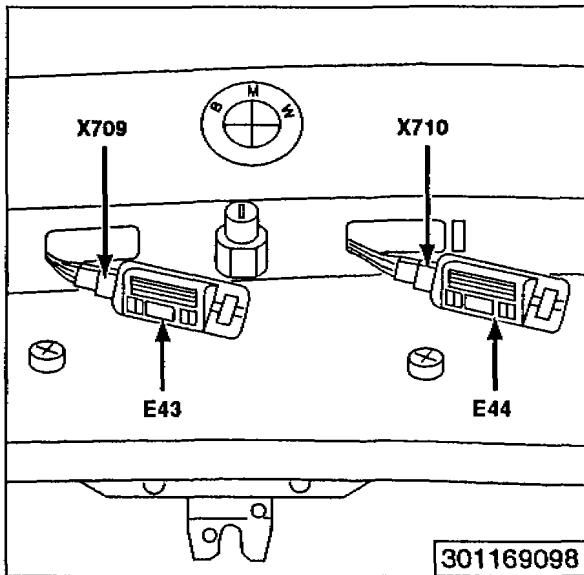


FIG 1 - Underside of trunk lid, near license plate

E43 LEFT LICENSE PLATE LIGHT
E44 RIGHT LICENSE PLATE LIGHT
X709 CONNECTOR (2-PINS, BLACK)
X710 CONNECTOR (2-PINS, BLACK)

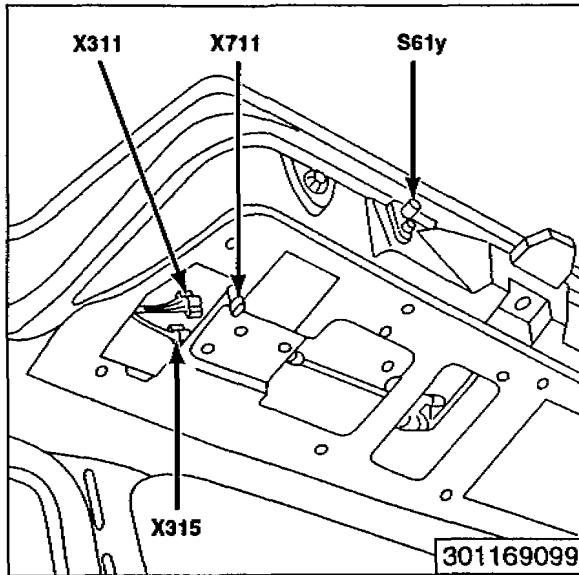


FIG 2 - Underside of trunk lid left

S61y TRUNK LIGHT SWITCH
X311 CONNECTOR (3-PINS, BLACK)
X315 CONNECTOR (2-PINS, BLACK)
X711 CONNECTOR (1-PINS, NATURAL)



SPICE LOCATION VIEWS

SPICE LOCATION INDEX

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X313-X314	REAR	8000.0-02	X6830-X6832	M50 ENGINE	NOT SHOWN
X326	FRONT	8000.0-01	X6835-X6855	ENGINE	NOT SHOWN
X344-X378	TRAILER ADAPTER	NOT SHOWN	X6860	M50 ENGINE	NOT SHOWN
X428-X481	REAR	8000.0-02	X6863-X6866	ENGINE	NOT SHOWN
X530-X595	FRONT	8000.0-01	X6900-X6906	M50 ENGINE	NOT SHOWN
X805	REAR	8000.0-02	X8004	ENGINE	NOT SHOWN
X824-X830	RADIO	NOT SHOWN	X8005	M40 ENGINE	NOT SHOWN
X849-X851	DRIVER'S DOOR	NOT SHOWN	X8007-X8010	M50 ENGINE	NOT SHOWN
X876-X878	RADIO	NOT SHOWN	X8015	ENGINE	NOT SHOWN
X906	IHKR	NOT SHOWN	X8021	M50 ENGINE	NOT SHOWN
X942	PASSENGER'S DOOR	NOT SHOWN	X8022	ENGINE	NOT SHOWN
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X1169-X1192	FRONT	8000.0-01	X8042	ENGINE	NOT SHOWN
X1212-X1218	REAR	8000.0-02	X8043-X8049	M40 ENGINE	NOT SHOWN
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X1226-X1238	REAR	8000.0-02	X8056	ENGINE	NOT SHOWN
X1382-X1383	RADIO	NOT SHOWN	X8071-X8565	M50 ENGINE	NOT SHOWN
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X6475	M50 ENGINE	NOT SHOWN	X18165	FRONT	NOT SHOWN
X6492-X6810	ENGINE	NOT SHOWN	X18281	DRIVER'S DOOR	NOT SHOWN
X6820	M50 ENGINE	NOT SHOWN	X18283-X18284	PASSENGER'S DOOR	NOT SHOWN
X6821-X6822	ENGINE	NOT SHOWN	X19513-X19514	RADIO	NOT SHOWN



SPLICE LOCATION VIEWS

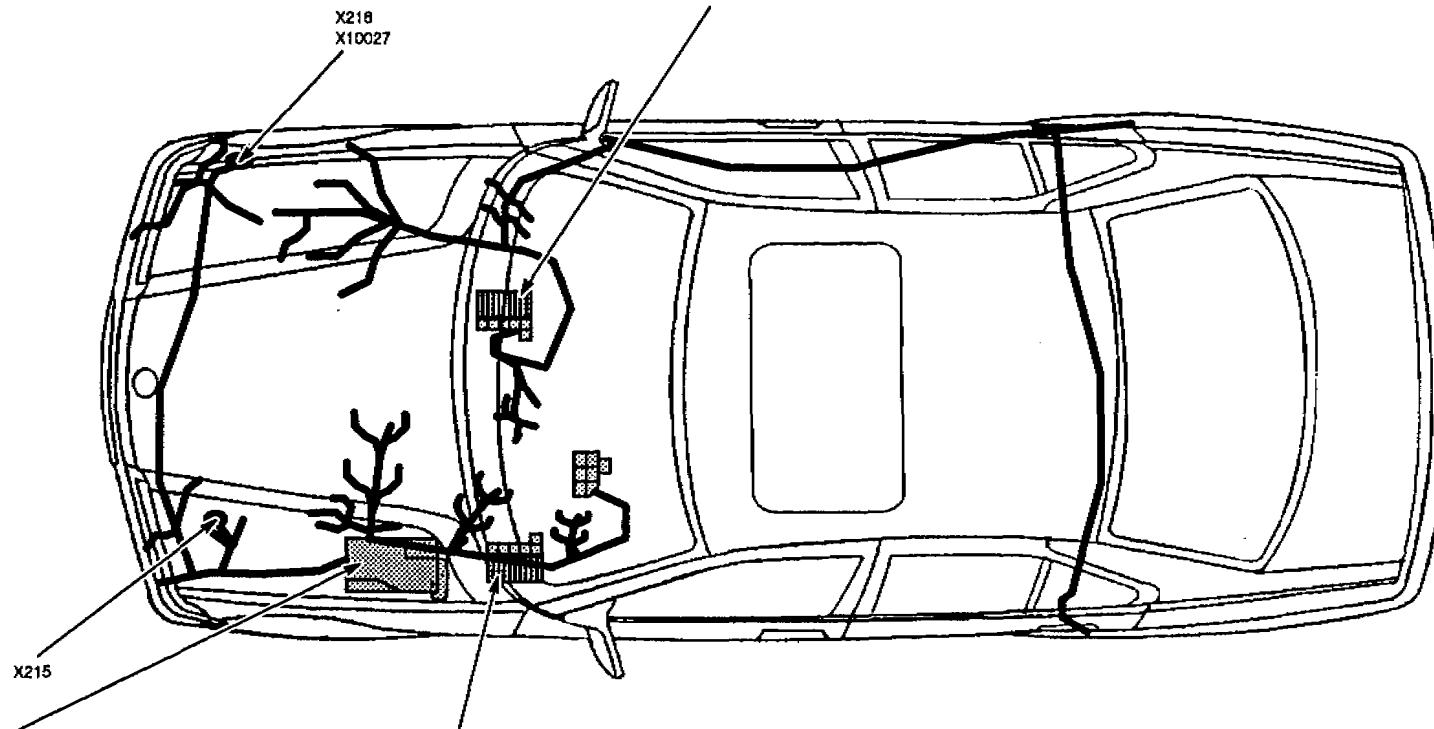
FRONT HARNESS

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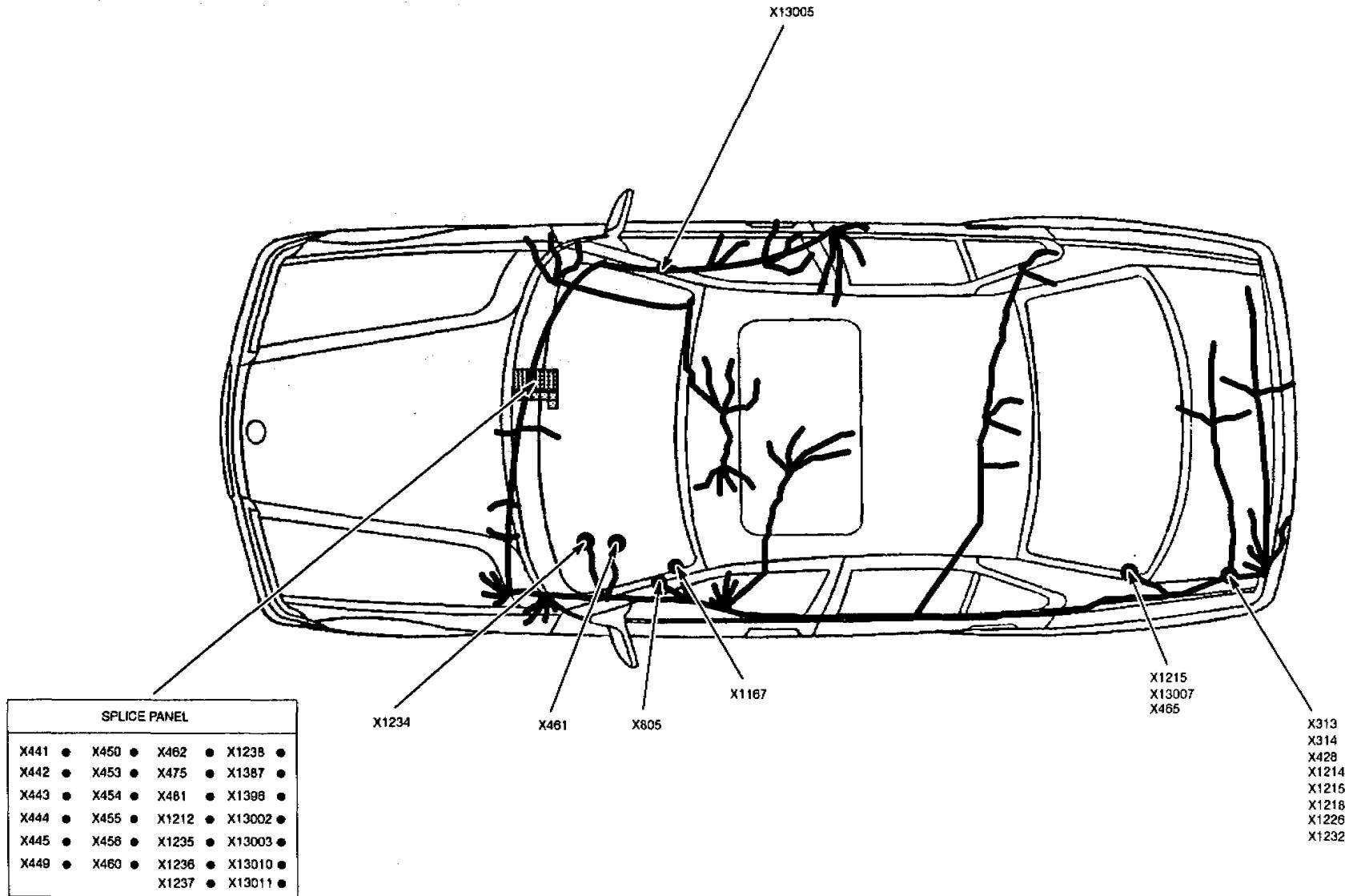
1992

SPLICE PANEL	
X185 ●	X1164 ●
X218 ●	X10009 ●
X222 ●	X10064 ●
X657 ●	X13115 ●
X1163 ●	



SPLICE PANEL	
X184 ●	X245 ●
X1027 ●	X1152 ●
X10007 ●	
X185 ●	X246 ●
X1028 ●	X1168 ●
X10020 ●	
X186 ●	X276 ●
X1036 ●	X1172 ●
X10021 ●	
X187 ●	X530 ●
X1068 ●	X1177 ●
X10022 ●	
X203 ●	X595 ●
X1073 ●	X1186 ●
X10055 ●	
X223 ●	X1015 ●
X1076 ●	X1192 ●
X10100 ●	
X238 ●	X1022 ●
X1077 ●	X1233 ●

SPLICE PANEL	
X181 ●	X213 ●
X1067 ●	X1182 ●
X10081 ●	
X182 ●	X228 ●
X1069 ●	X1225 ●
X13021 ●	
X183 ●	X1019 ●
X1079 ●	X10008 ●
X18165 ●	
X188 ●	X1029 ●
X1080 ●	X10011 ●
X191 ●	X1047 ●
X1085 ●	X10024 ●
X196 ●	X1065 ●
X1169 ●	X10028 ●
X197 ●	X1066 ●
X1179 ●	X10029 ●





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CONNECTOR VIEWS

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1992

FIG. 1

B550001.00

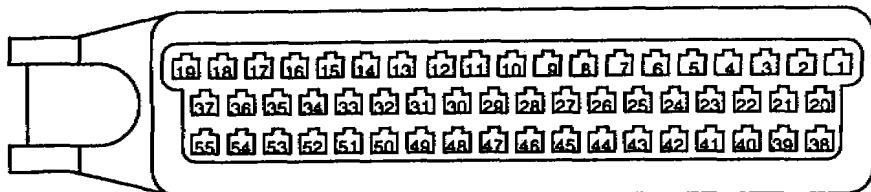


FIG. 2

B260005.00

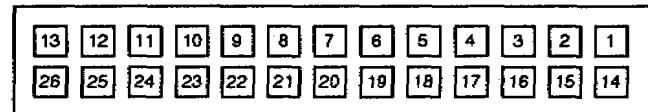


FIG. 3

B150003.00

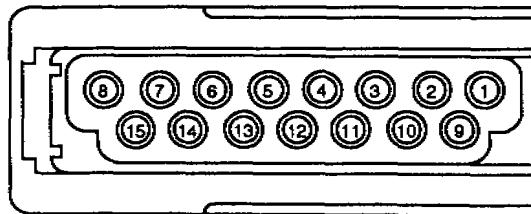
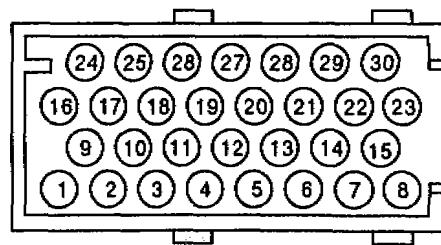


FIG. 4

B300001.00





CONNECTOR VIEWS

FIG. 1

B030024

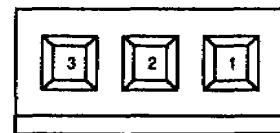


FIG. 2

B120003.00

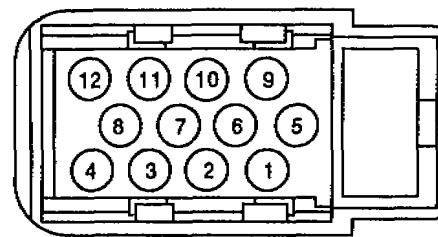


FIG. 3

B120001.00

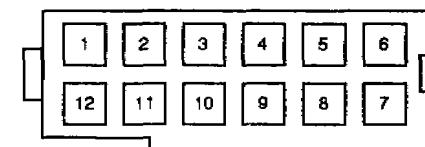


FIG. 4

B050005.00

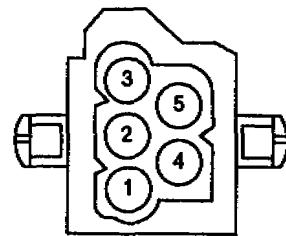


FIG. 5

B180000.00

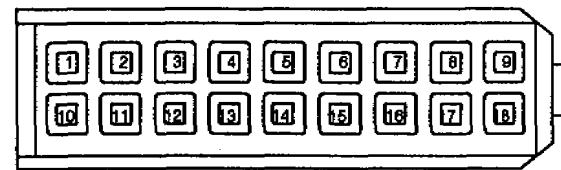
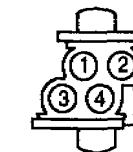


FIG. 6

B040003.00





CONNECTOR VIEWS

FIG. 1

B080002.00

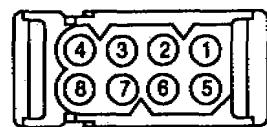


FIG. 2

B120015

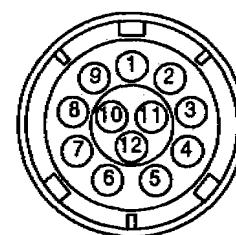


FIG. 3

B030001.00

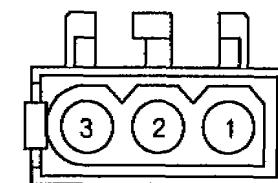


FIG. 4

B080003.00

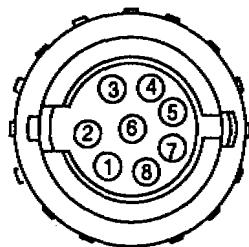


FIG. 5

B130002.00

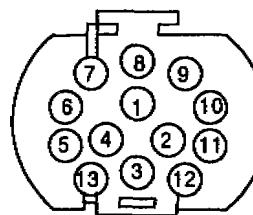
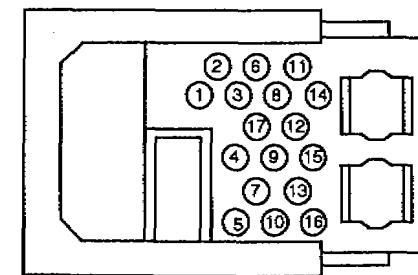


FIG. 6

B170001.00





CONNECTOR VIEWS

FIG. 1

B120002.02

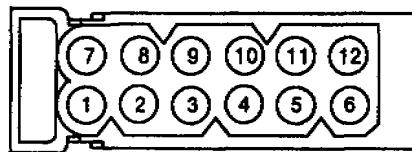


FIG. 2

B030004.00



FIG. 3

B100008.00

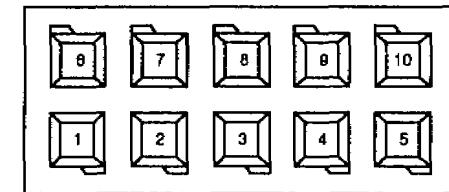


FIG. 4

B030005.00

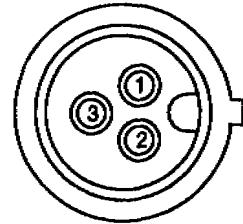


FIG. 5

B120004.01

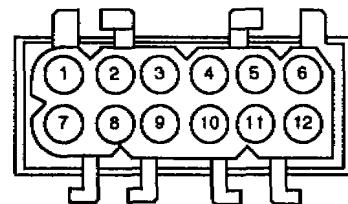
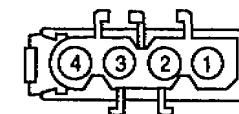


FIG. 6

B040002.00



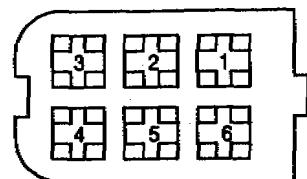
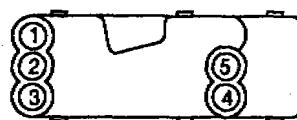
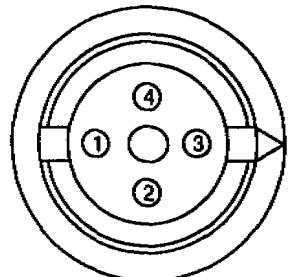
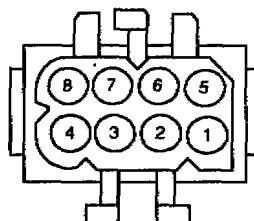
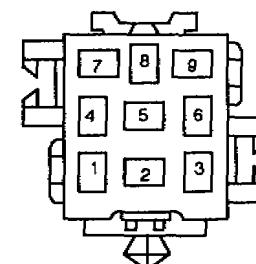
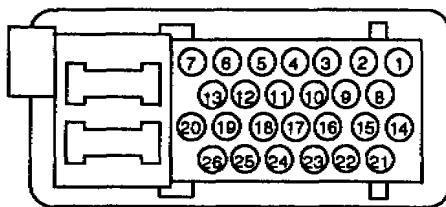
CONNECTOR VIEWS**FIG. 1**
B060006.00**FIG. 2**
B050003.00**FIG. 3**
B040004.00**FIG. 4**
B040018**FIG. 5**
B080001.00**FIG. 6**
B090002.00

FIG. 1

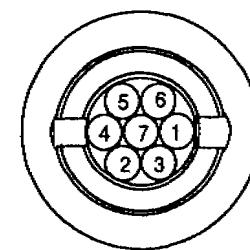
B210002.00

**FIG. 2**

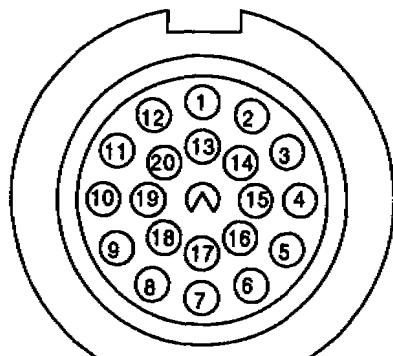
B060001.02

**FIG. 3**

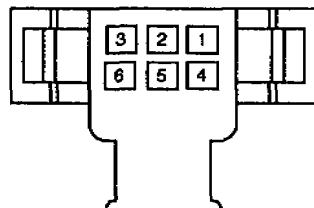
B070005.00

**FIG. 4**

B200003.00

**FIG. 5**

B080010.01

**FIG. 6**

B030003.02





CONNECTOR VIEWS

FIG. 1

B060008.00

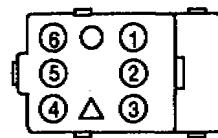


FIG. 2

B250001.00

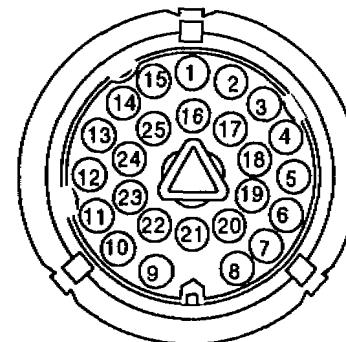


FIG. 3

B040013

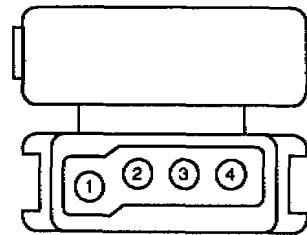


FIG. 4

B060019.02

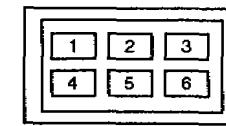


FIG. 1

B140004.00

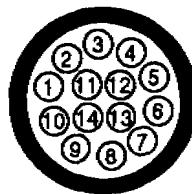


FIG. 2

B030009.00

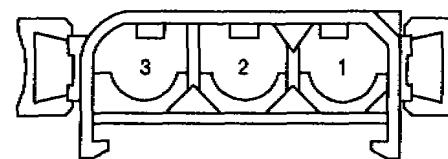


FIG. 3

B060037.00

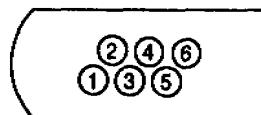
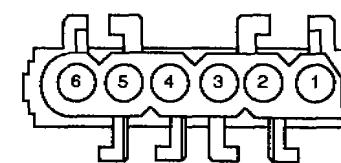


FIG. 4

B060038.00





CONNECTOR VIEWS

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FIG. 1

B880001.00

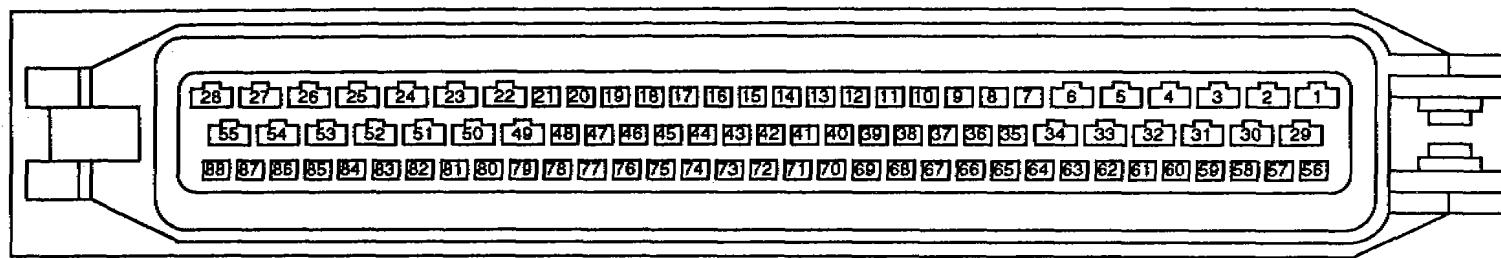


FIG. 2

B030006.00

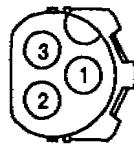
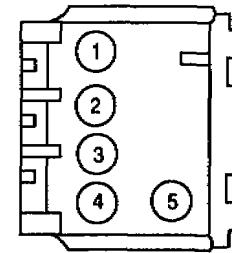


FIG. 3

B050002.00





CONNECTOR VIEWS

FIG. 1

B040022.00

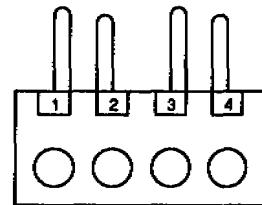


FIG. 2

B060012.00

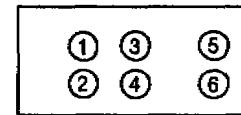


FIG. 3

B040023.00

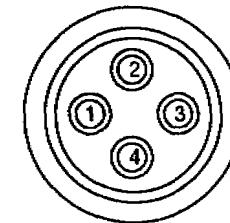


FIG. 4

B030018.00

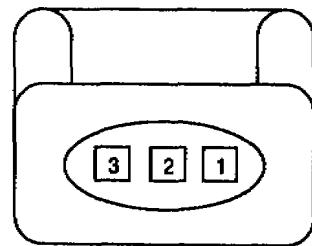


FIG. 5

B030015.08

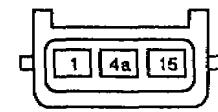
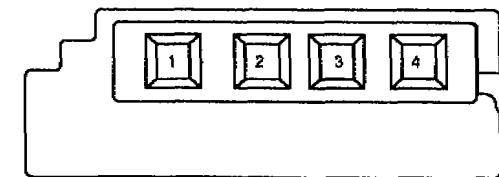


FIG. 6

B040020.00





CONNECTOR VIEWS

FIG. 1

B090006.01

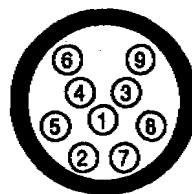


FIG. 2

B030025.00

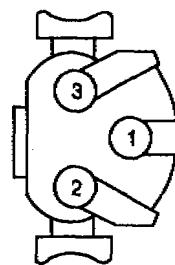


FIG. 3

B060037.01

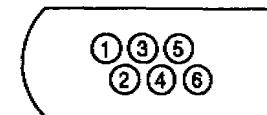


FIG. 4

B060036.00

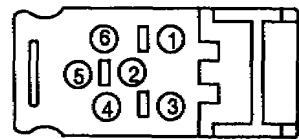


FIG. 5

B030001.00

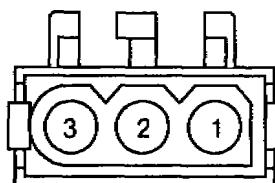
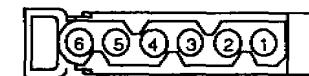


FIG. 6

B060001.00





CONNECTOR VIEWS

FIG. 1

B120004.05

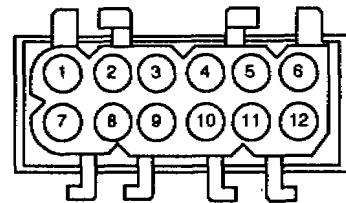


FIG. 2

B480000.00

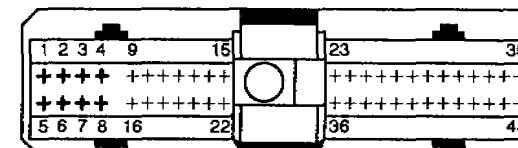


FIG. 3

B100011.01

