

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

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Schematics

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

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

Important: The components and wires are not drawn to scale. For instance, a lead with a length of over 1m can be shown as a lead which is only a few cm long. To enhance the clarity of the schematics, all connectors and splices between fuses and components as well as between grounds and components have been omitted. If this information should be required, it may be referenced in cells **0670.3 Fuse Details** and **0670.4 Ground Distribution**.

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

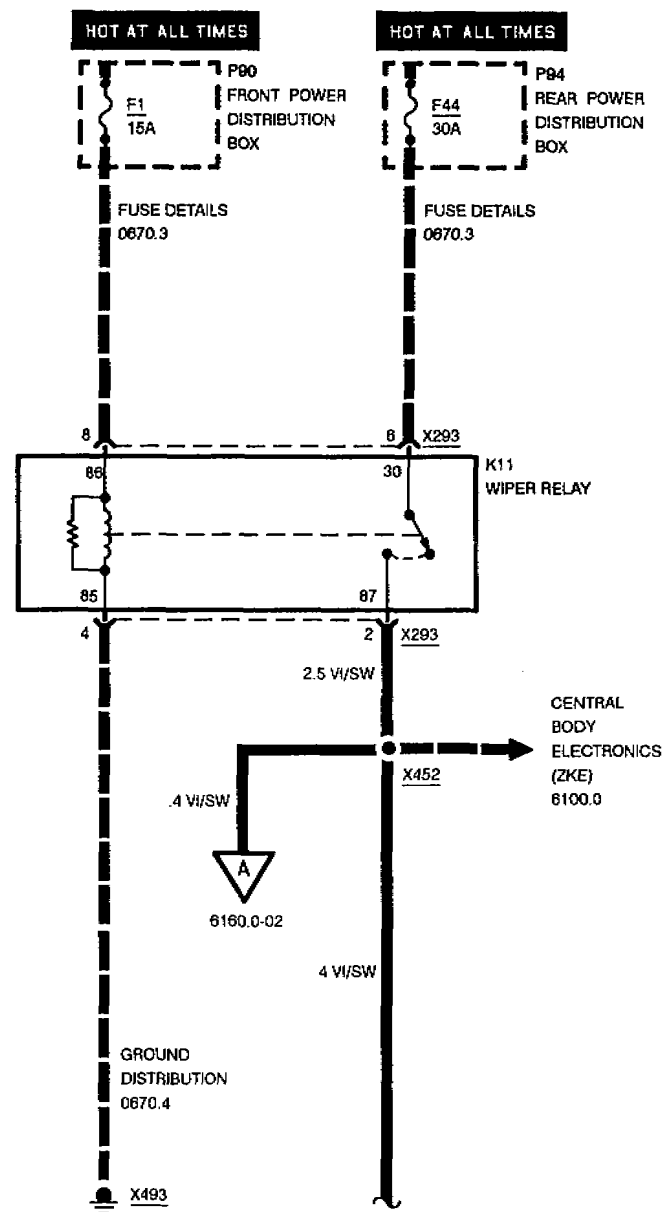
In cell **7000.0 Component Location Chart** all important connectors, ground points and components are listed in tabular form. It provides a precise description of the component locations in the vehicle.

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

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

Example

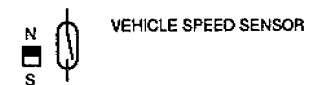
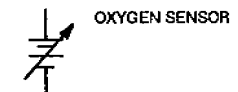
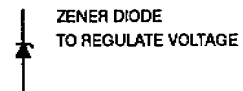
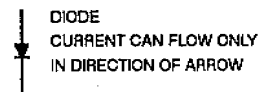
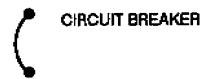
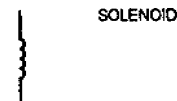
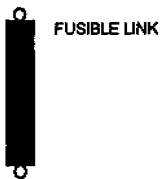
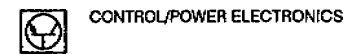
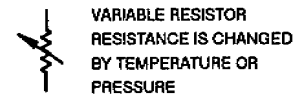
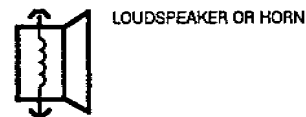
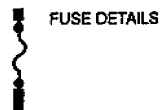
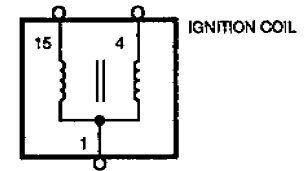
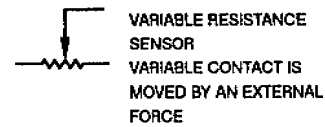
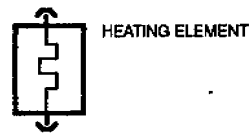
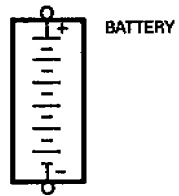
General conventions can be explained based on the following schematic example.



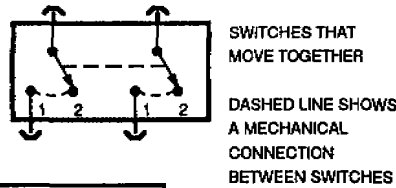
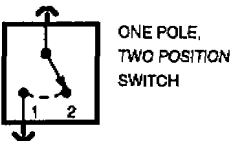
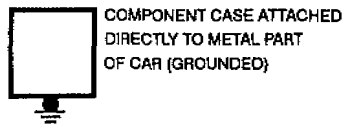
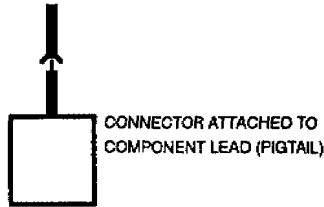
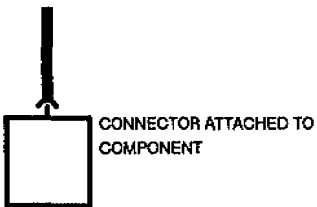
General Conventions

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

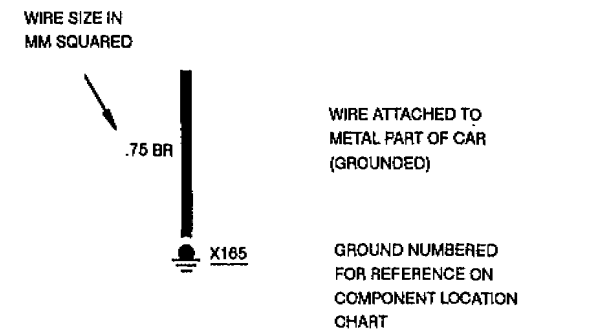
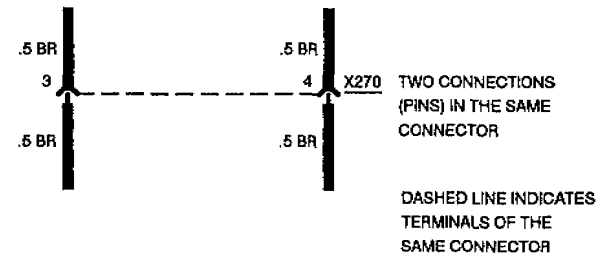
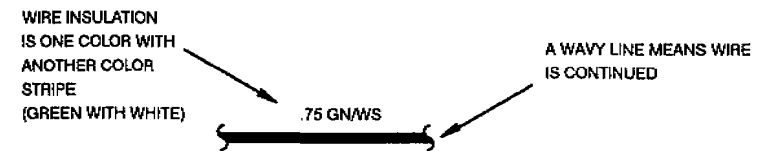
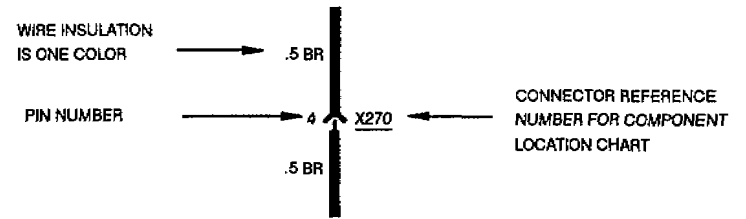
SYMBOLS



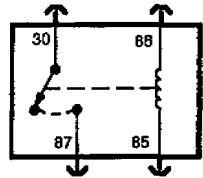
SYMBOLS



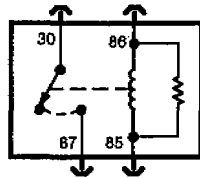
WIRE COLOR	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE
TR	TRANSPARENT



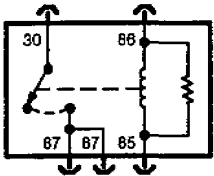
SYMBOLS



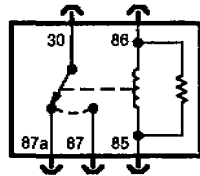
CONTACT RELAY



RELAY WITH RESISTOR ACROSS WINDING

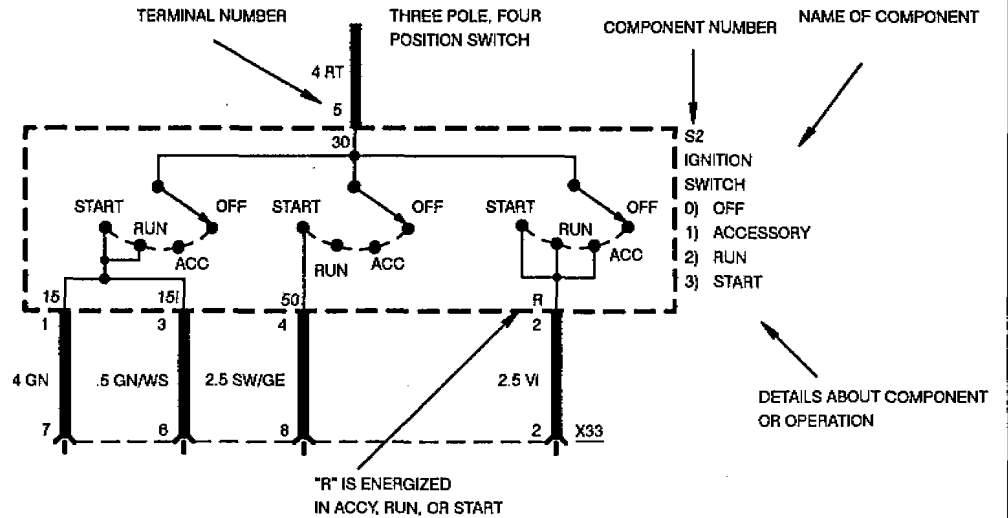


CONTACT RELAY WITH TWO OUTPUTS



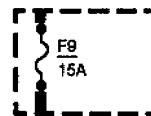
CHANGEOVER RELAY WITH TWO OUTPUTS

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



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

HOT AT ALL TIMES



INDICATES THAT FUSE 9 IS SUPPLIED WITH POWER AT ALL TIMES

POWER STATUS

HOT AT ALL TIMES

HOT IN RUN AND START

HOT IN ACCY, RUN AND START

DESCRIPTION

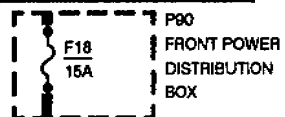
VOLTAGE: SUPPLIED AT ALL TIMES

VOLTAGE: IGNITION SWITCH IN RUN OR START

VOLTAGE: IGNITION SWITCH IN ACCESSORY, RUN OR START

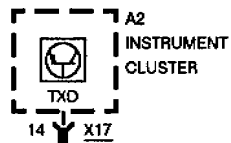
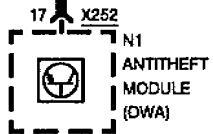
BMW
5 **SYMBOLS**

HOT IN ACCY, RUN AND START



FUSE
DETAILS
0670.3

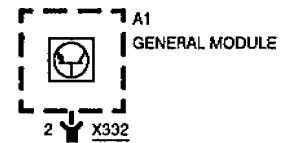
THE COMPLETE WIRE
PROGRESSION AND FURTHER
CIRCUITS CONNECTED TO
FUSE 18 ARE SHOWN IN CELL
"0670.3 FUSE DETAILS" AT
FUSE 18



.5 WS/WI

CIRCUIT REFERENCE-
A WIRE WHICH CONNECTS
TO ANOTHER CIRCUIT

DIAGNOSTIC
LINK
0670.5



GROUND
DISTRIBUTION
0670.4

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

X497



2.5 BR

CURRENT PATH IS CONTINUED
AS LABELED

0670.0-03

0670.0-02

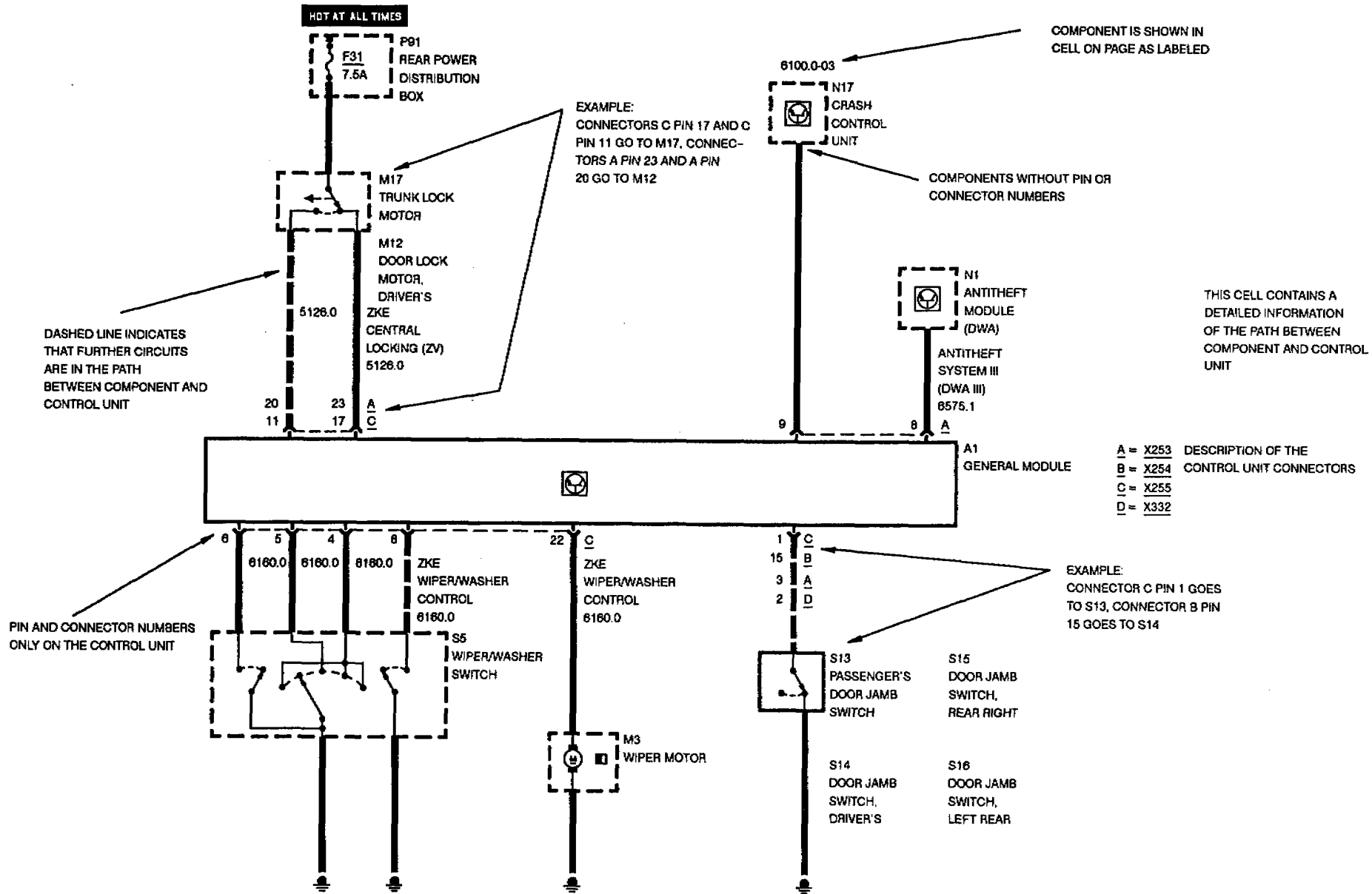
ARROW SHOWS
DIRECTION OF CURRENT
FLOW AND IS REPEATED
WHERE CURRENT
PATH CONTINUES



2.5 BR

X491

BMW
5 **SYMBOLS**
BLOCK DIAGRAM

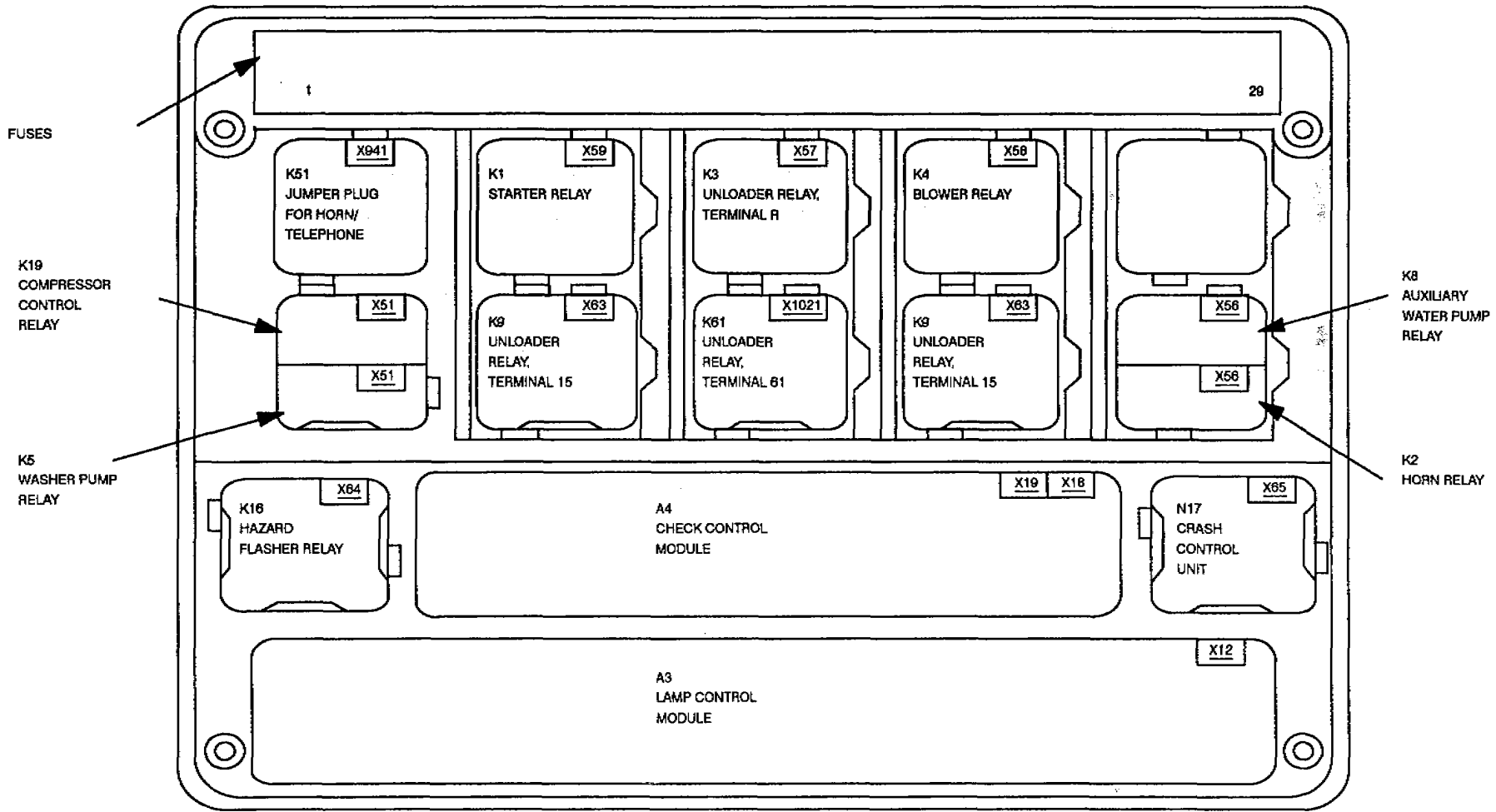




POWER DISTRIBUTION CHART

FRONT POWER DISTRIBUTION BOX

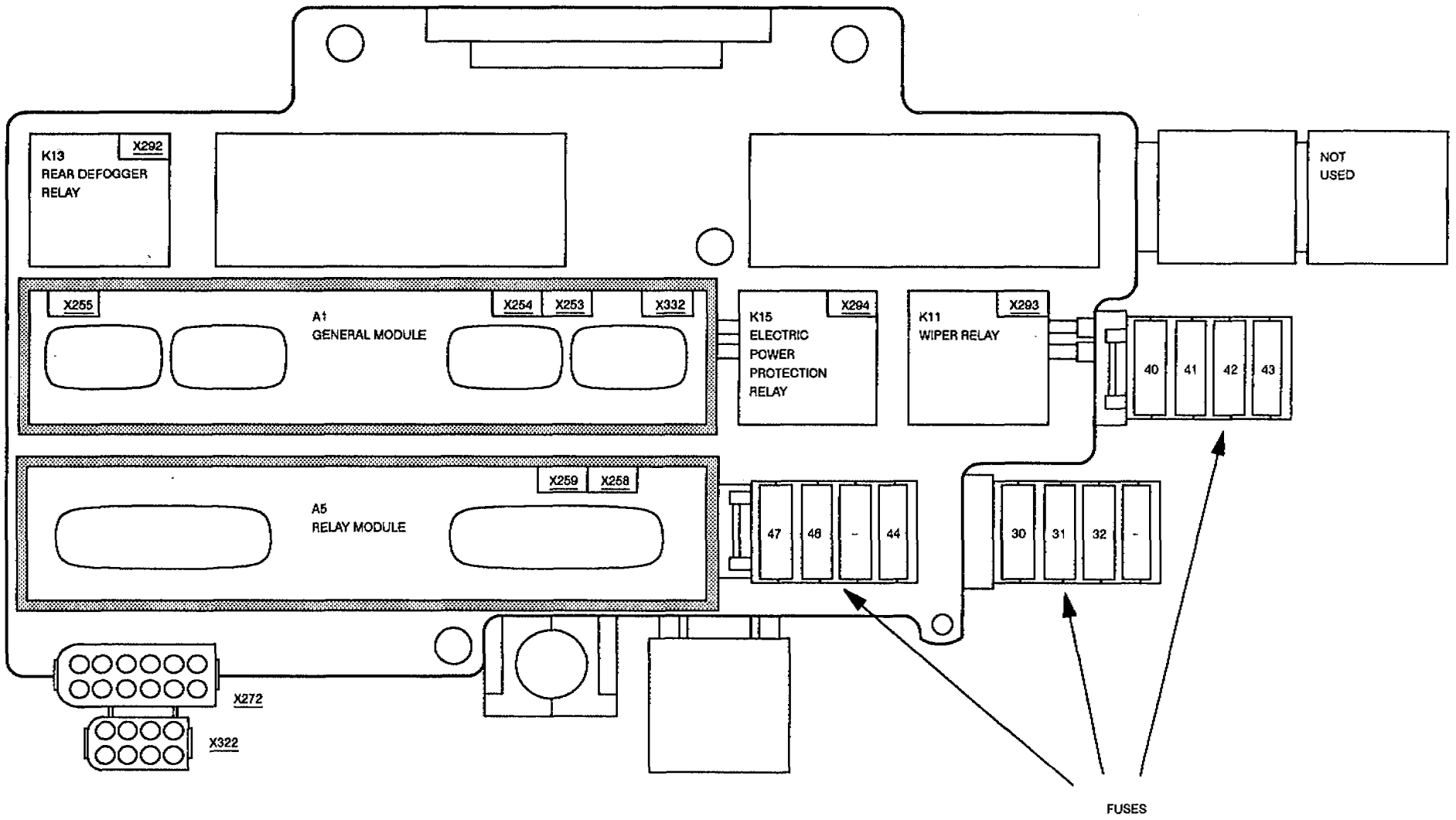
ZKE





POWER DISTRIBUTION CHART

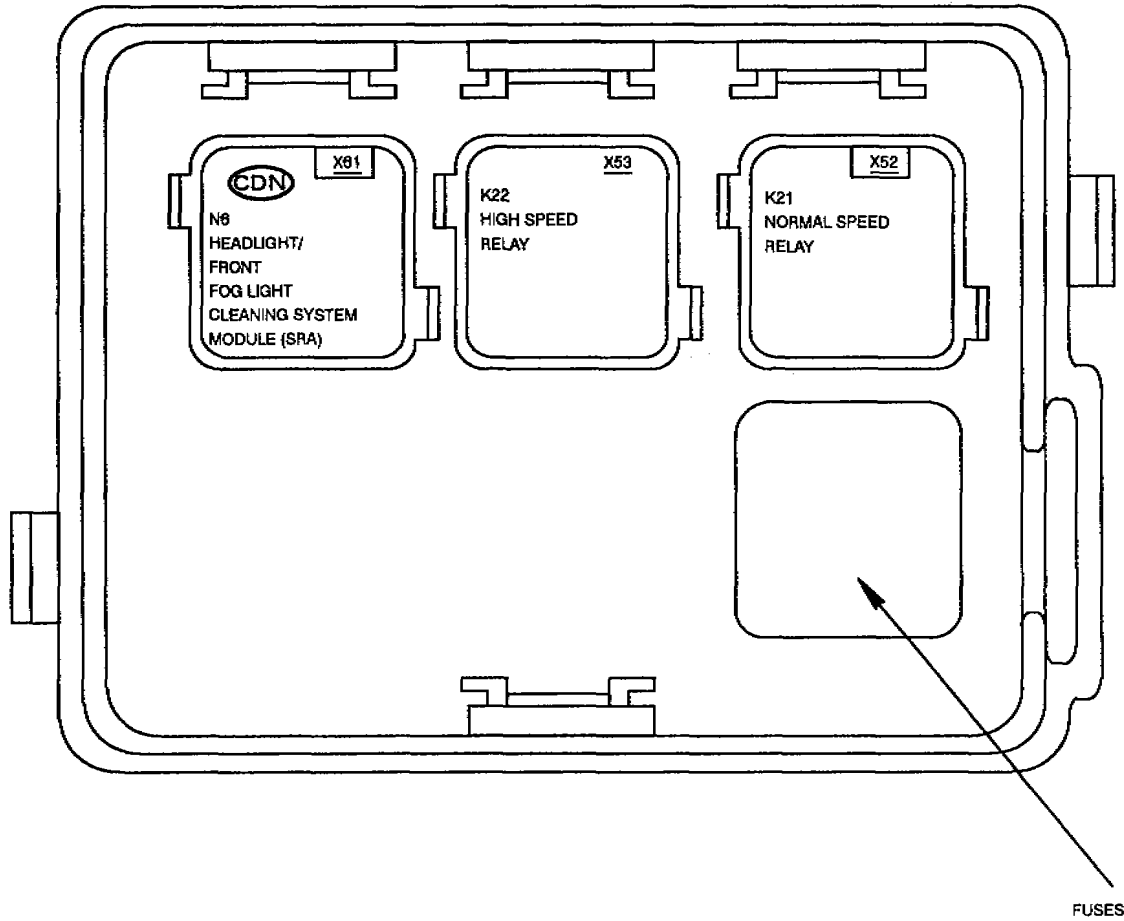
REAR POWER DISTRIBUTION BOX WITH ZKE





POWER DISTRIBUTION CHART

FRONT POWER DISTRIBUTION BOX, AUXILIARY RELAY BOX





FUSE CHART

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



FUSE CHART

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



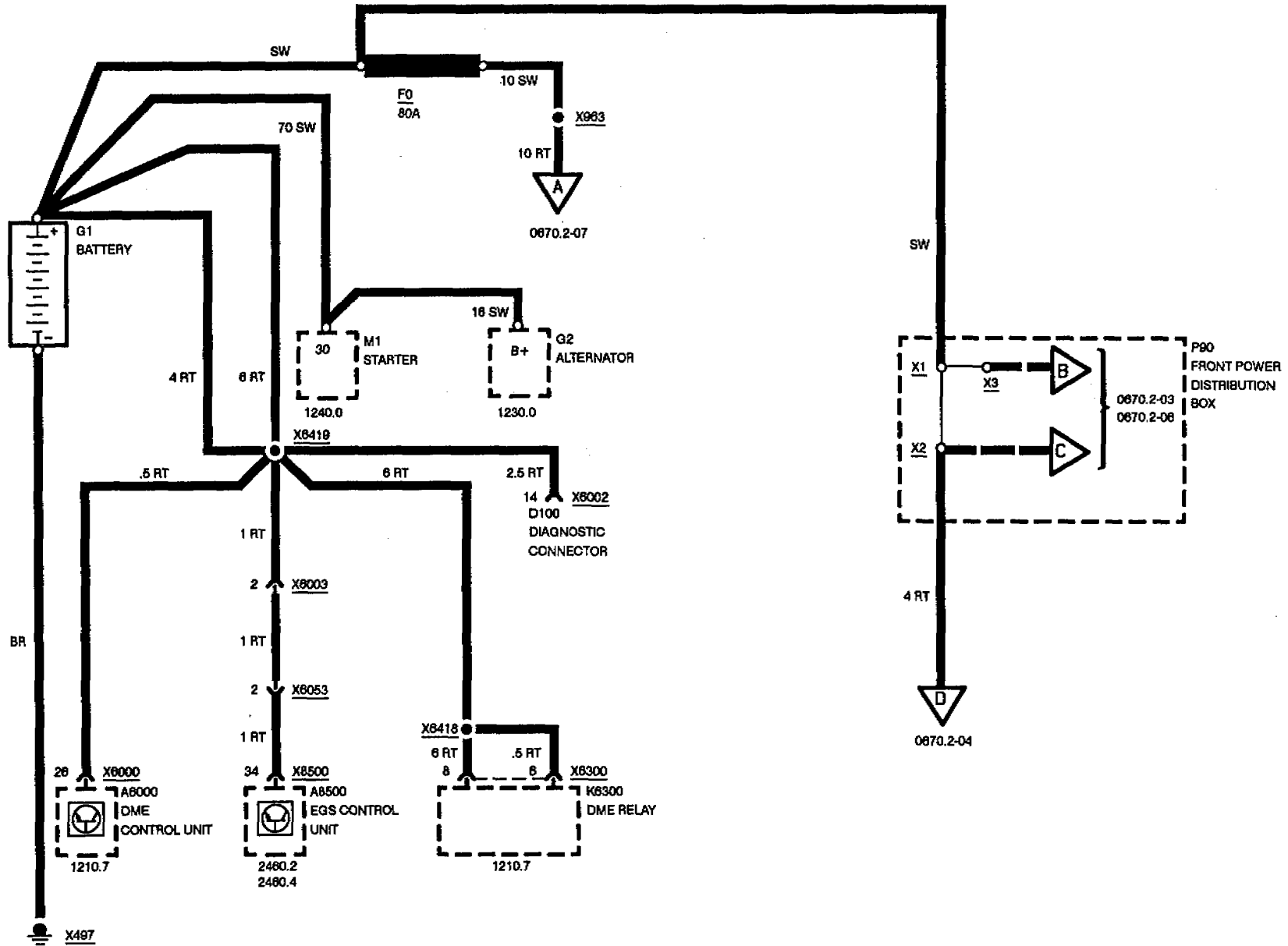
FUSE CHART

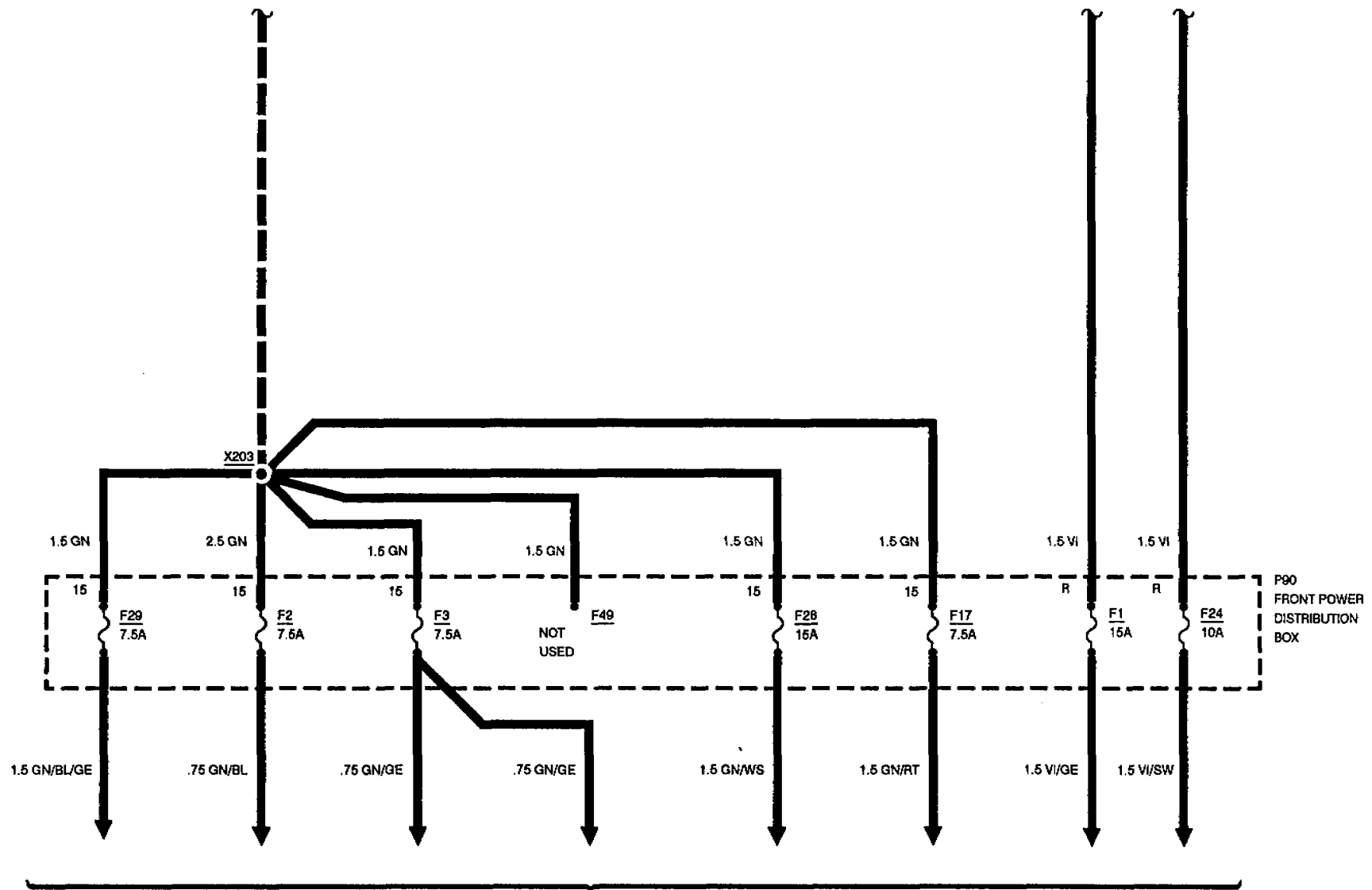
		FUSE NUMBER																									
		30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	
		7.5A	7.5A									30A	30A	30A	30A	30A		30A	30A								
5410.0	ZKE SUNROOF (SHD)	●	●																●								
6100.0	CENTRAL BODY ELECTRONICS (ZKE)	●																	●								
6133.0	HORN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



POWER DISTRIBUTION FRONT POWER DISTRIBUTION BOX

525i

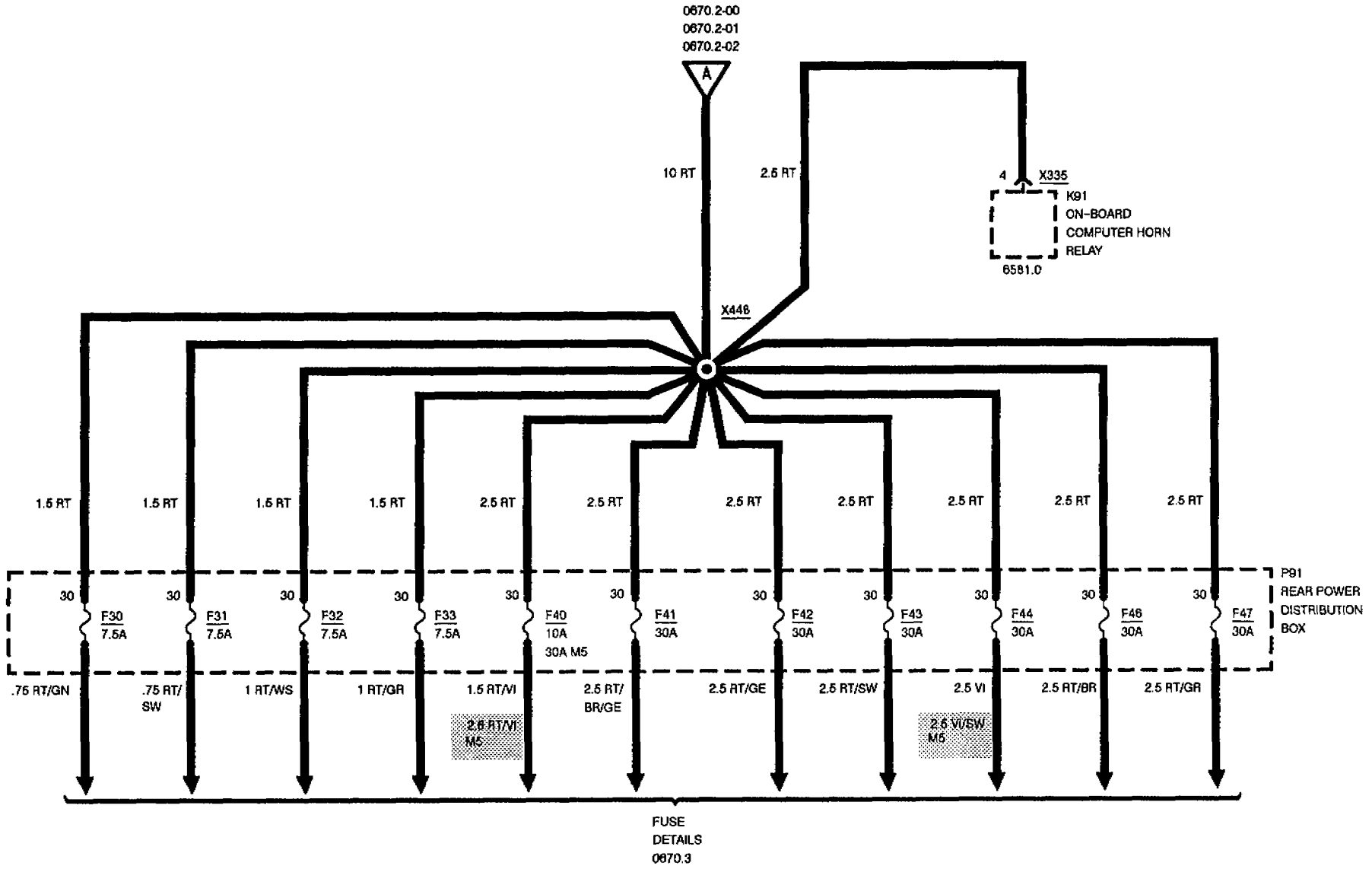




FUSE
DETAILS
0670.3



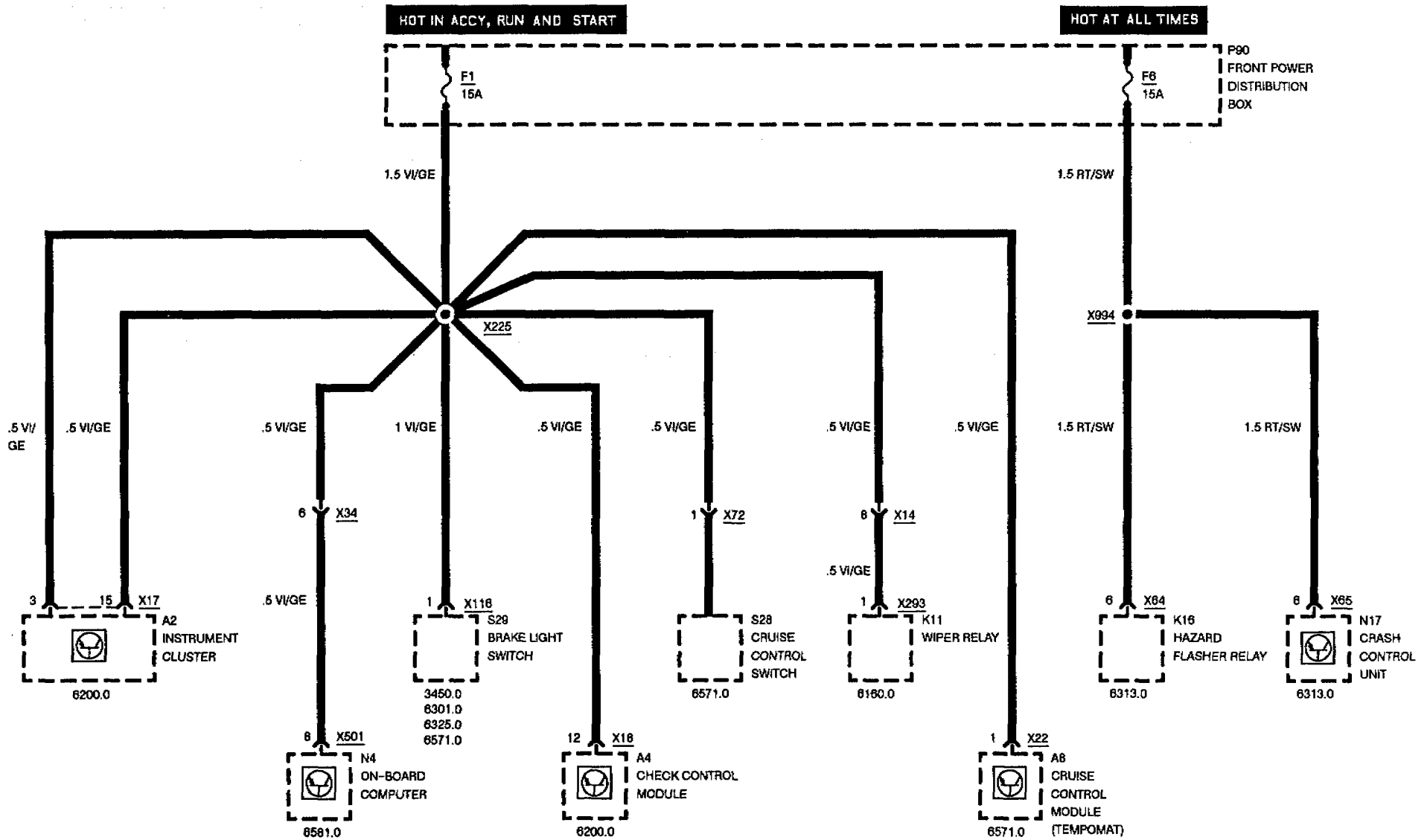
POWER DISTRIBUTION REAR POWER DISTRIBUTION BOX





FUSE DETAILS

FUSES 1 AND 6

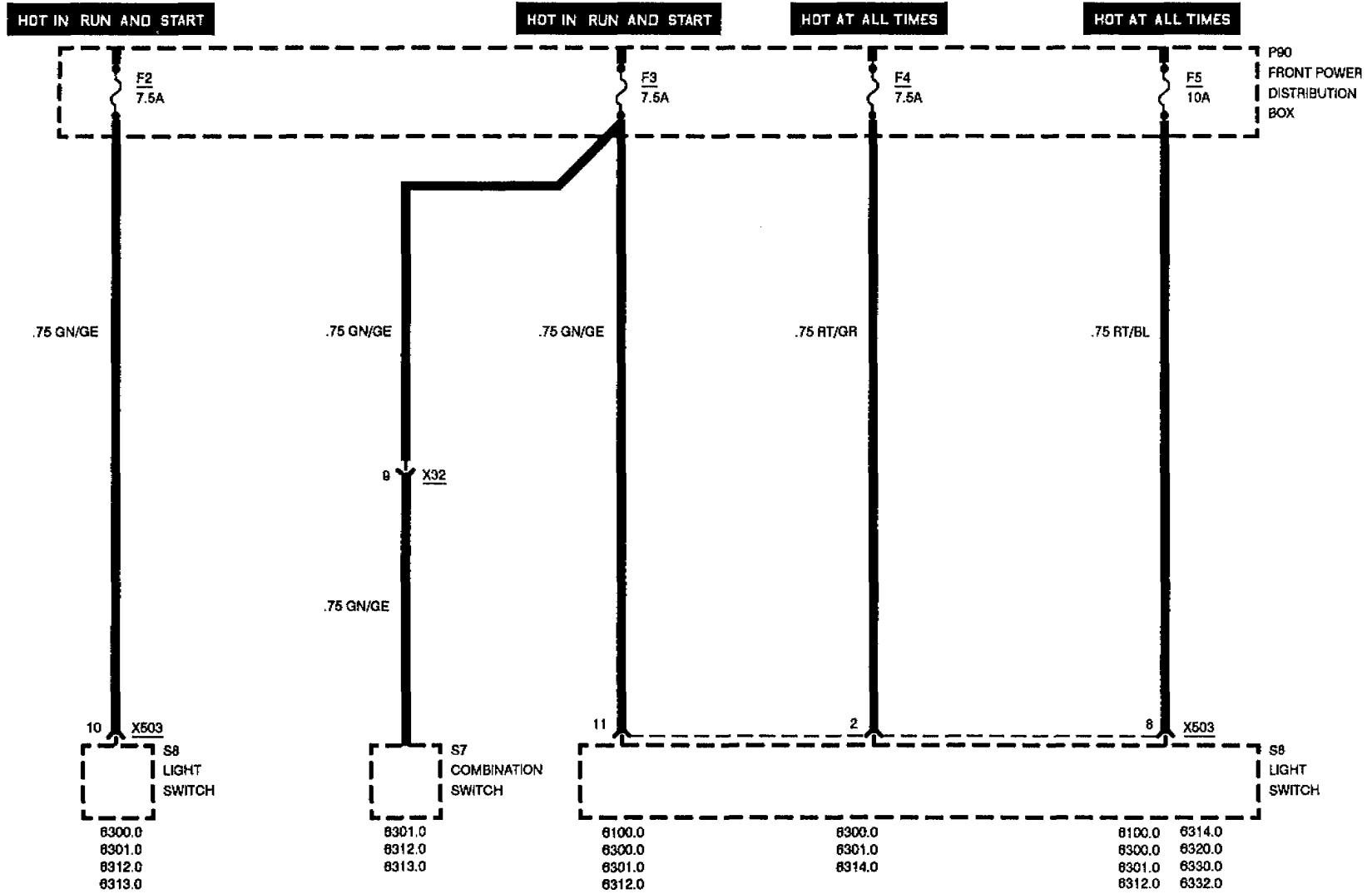




FUSE DETAILS

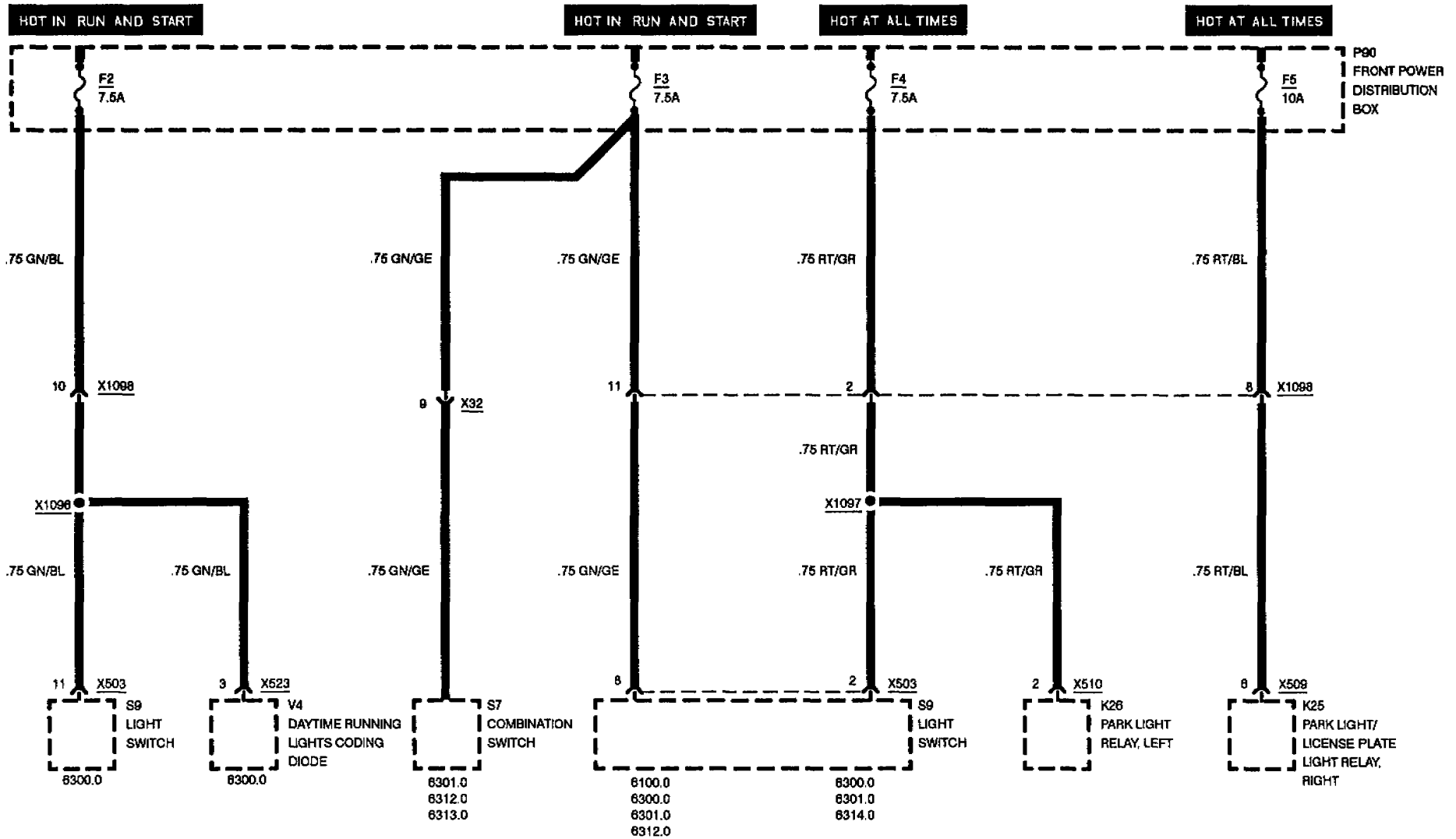
FUSES 2, 3, 4, AND 5

USA



BMW 5 FUSE DETAILS
FUSES 2, 3, 4, AND 5

CDN



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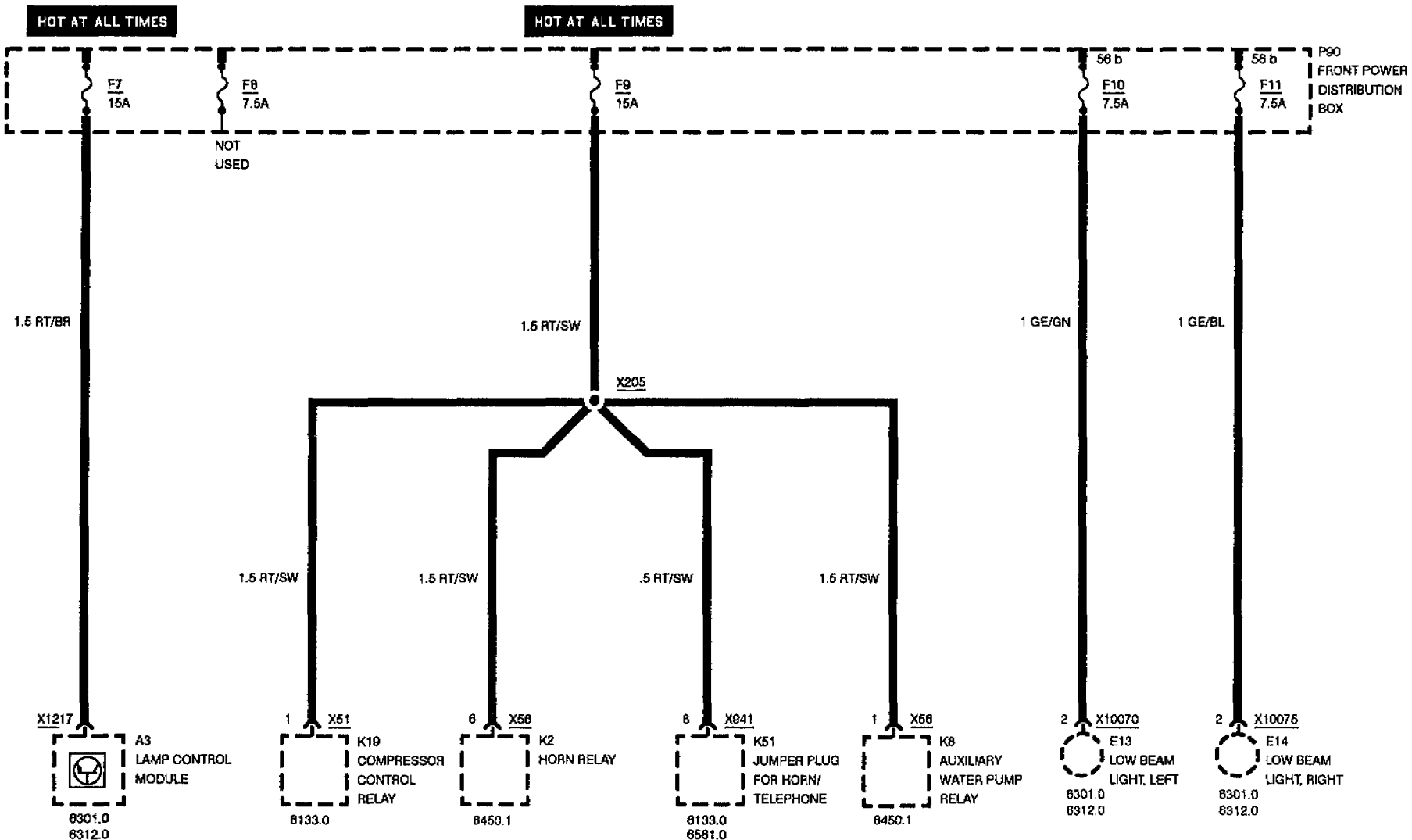
0670.3-02

1991



FUSE DETAILS

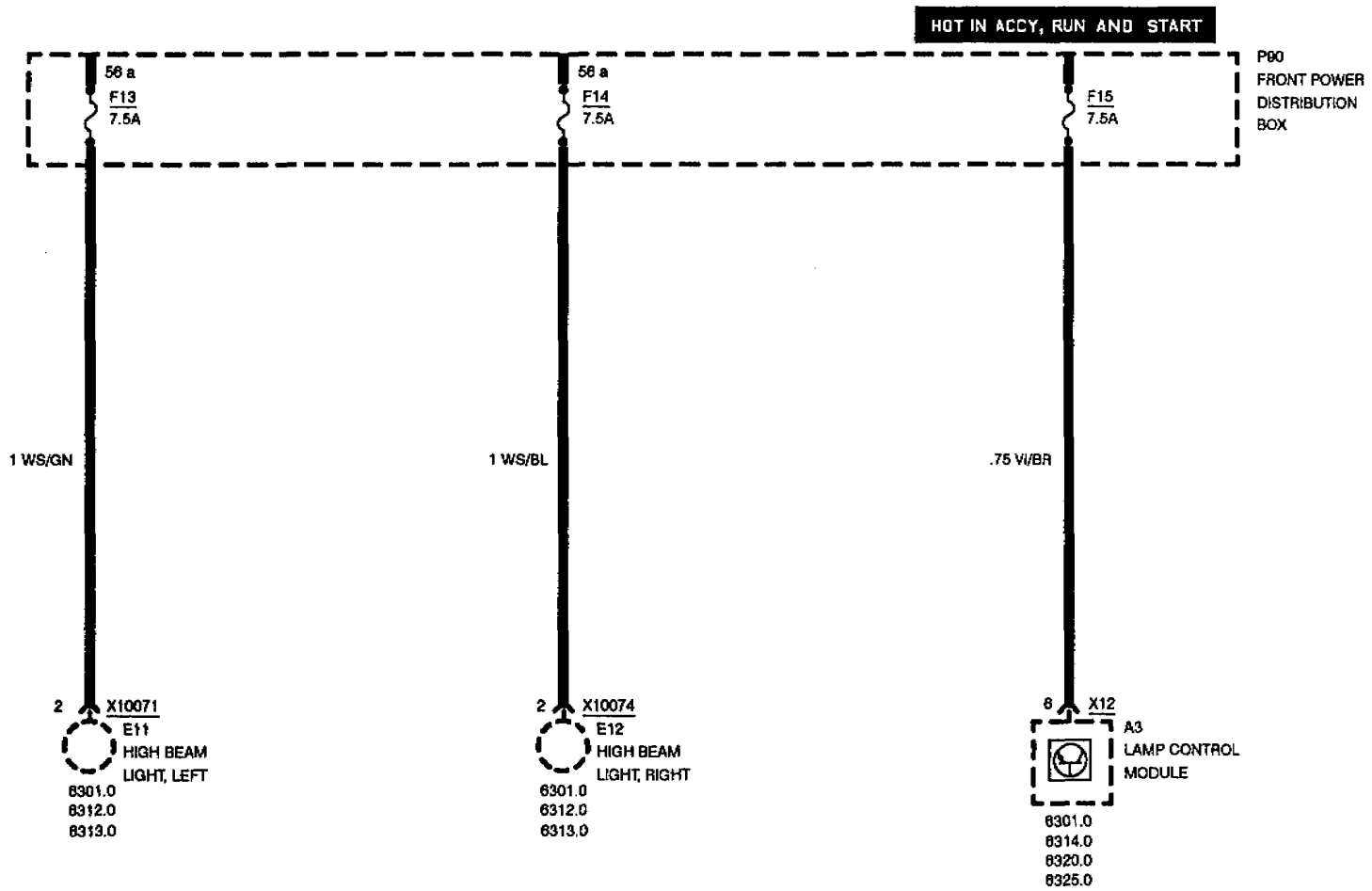
FUSES 7, 8, 9, 10, AND 11





FUSE DETAILS

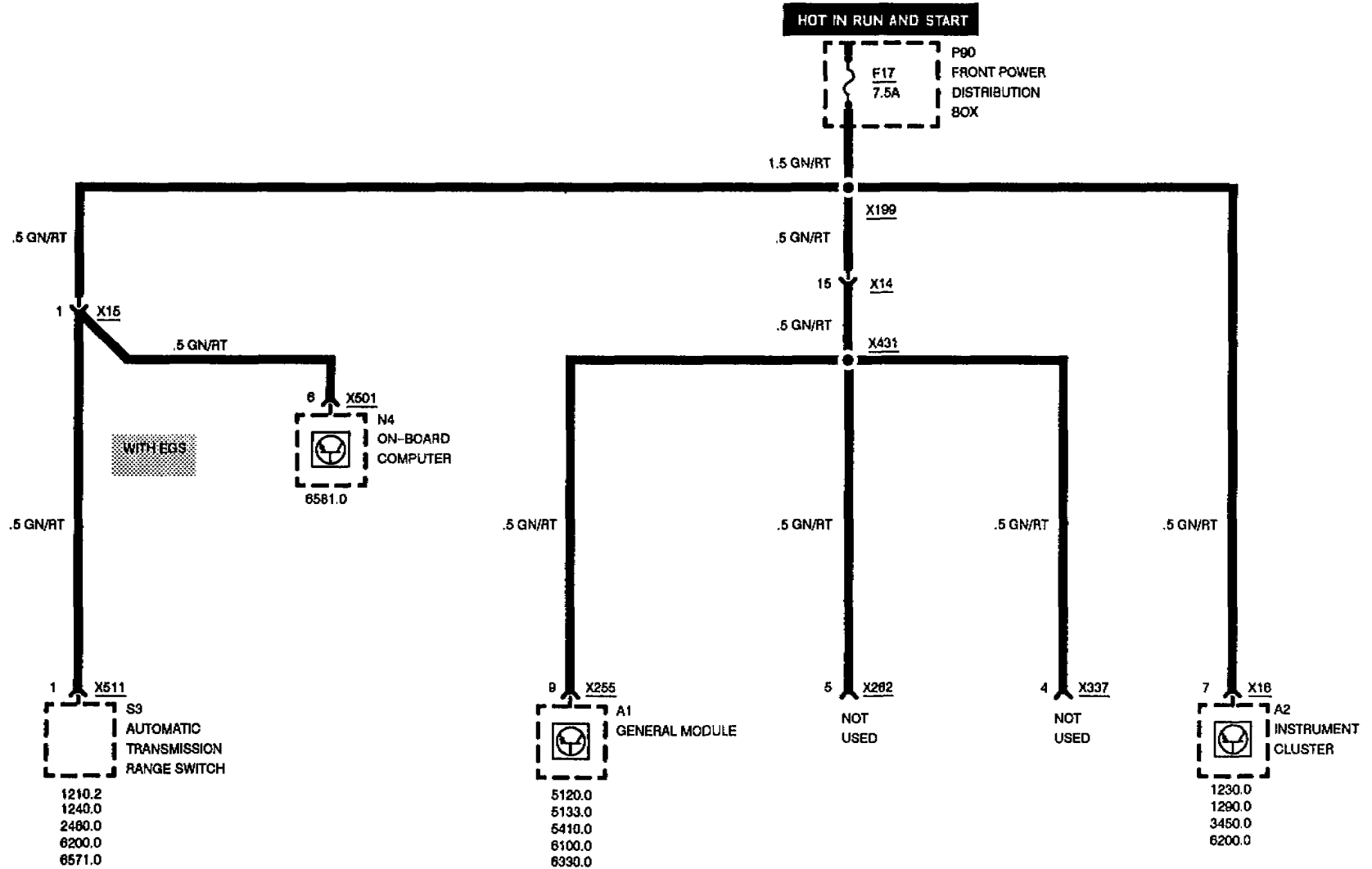
FUSES 13, 14, AND 15





FUSE DETAILS

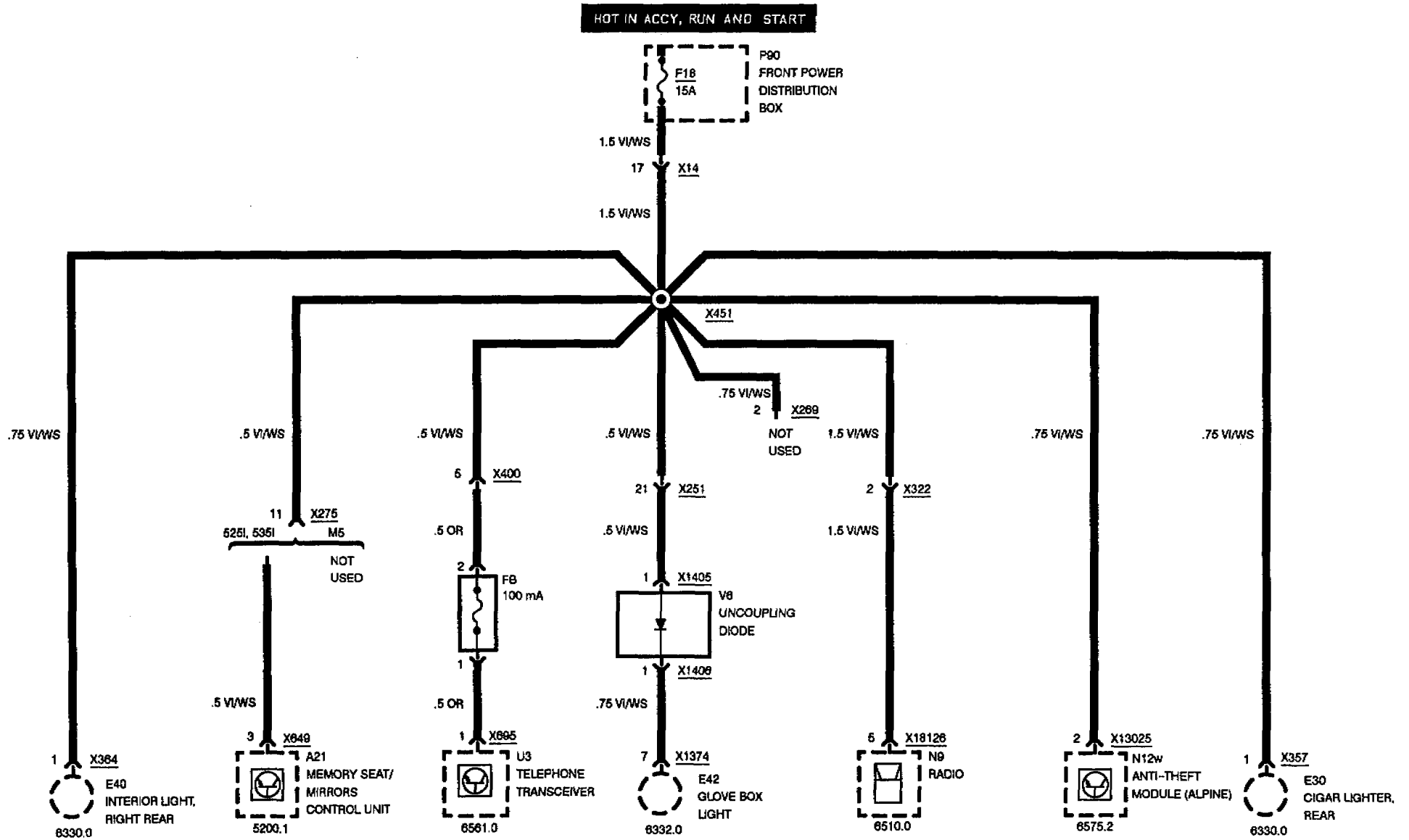
FUSE 17





FUSE DETAILS

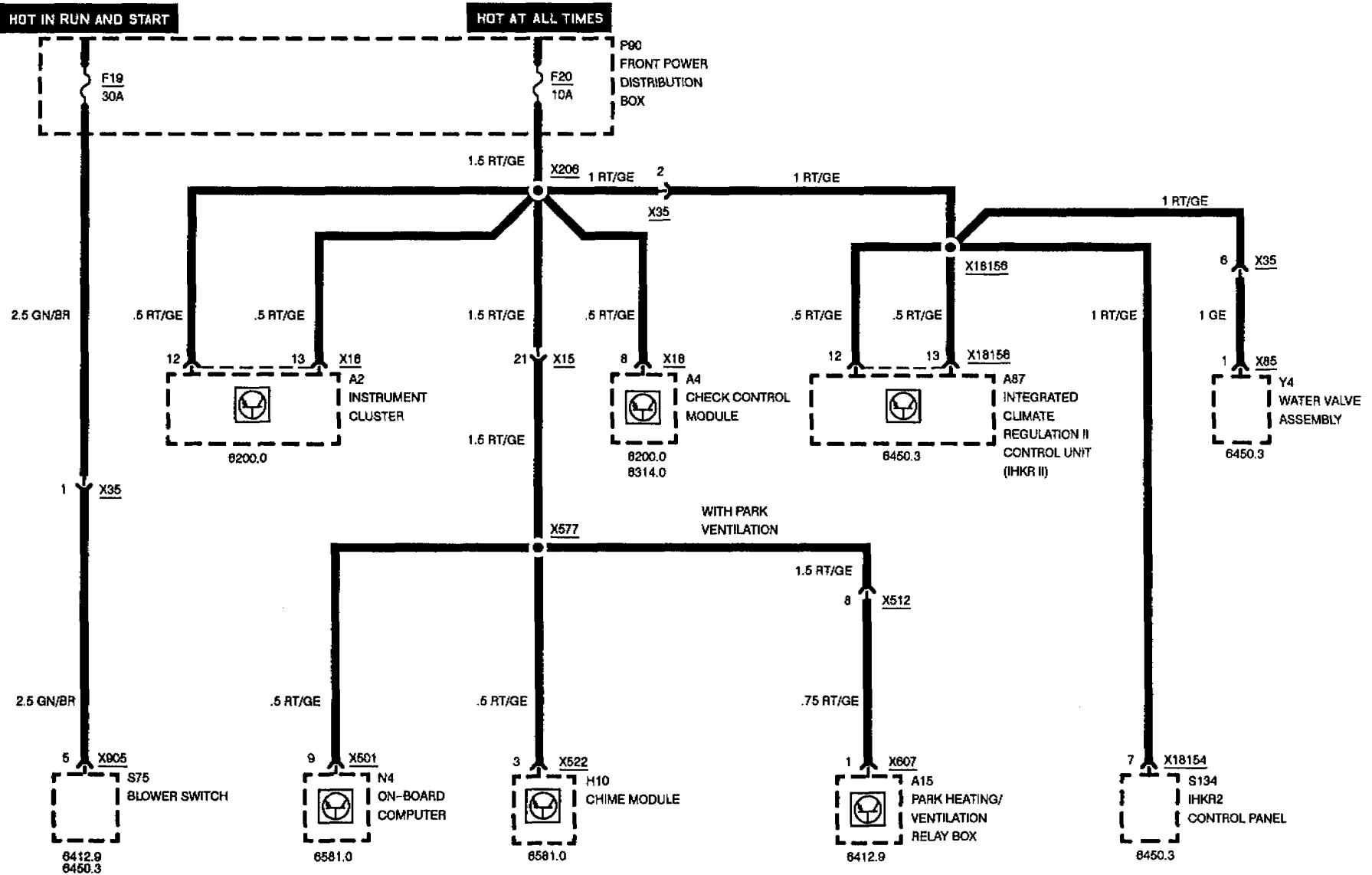
FUSE 18





FUSE DETAILS

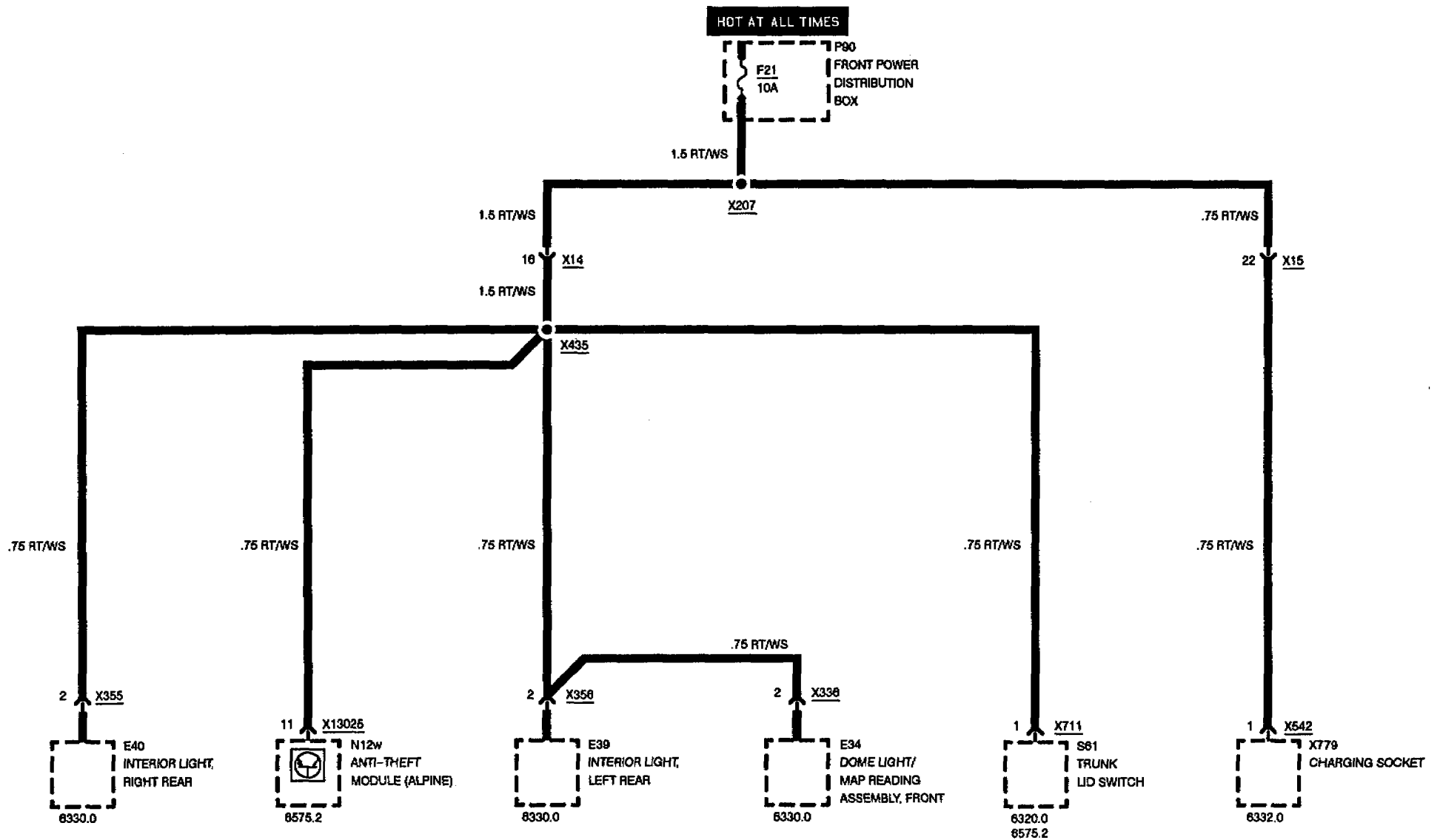
FUSES 19 AND 20





FUSE DETAILS

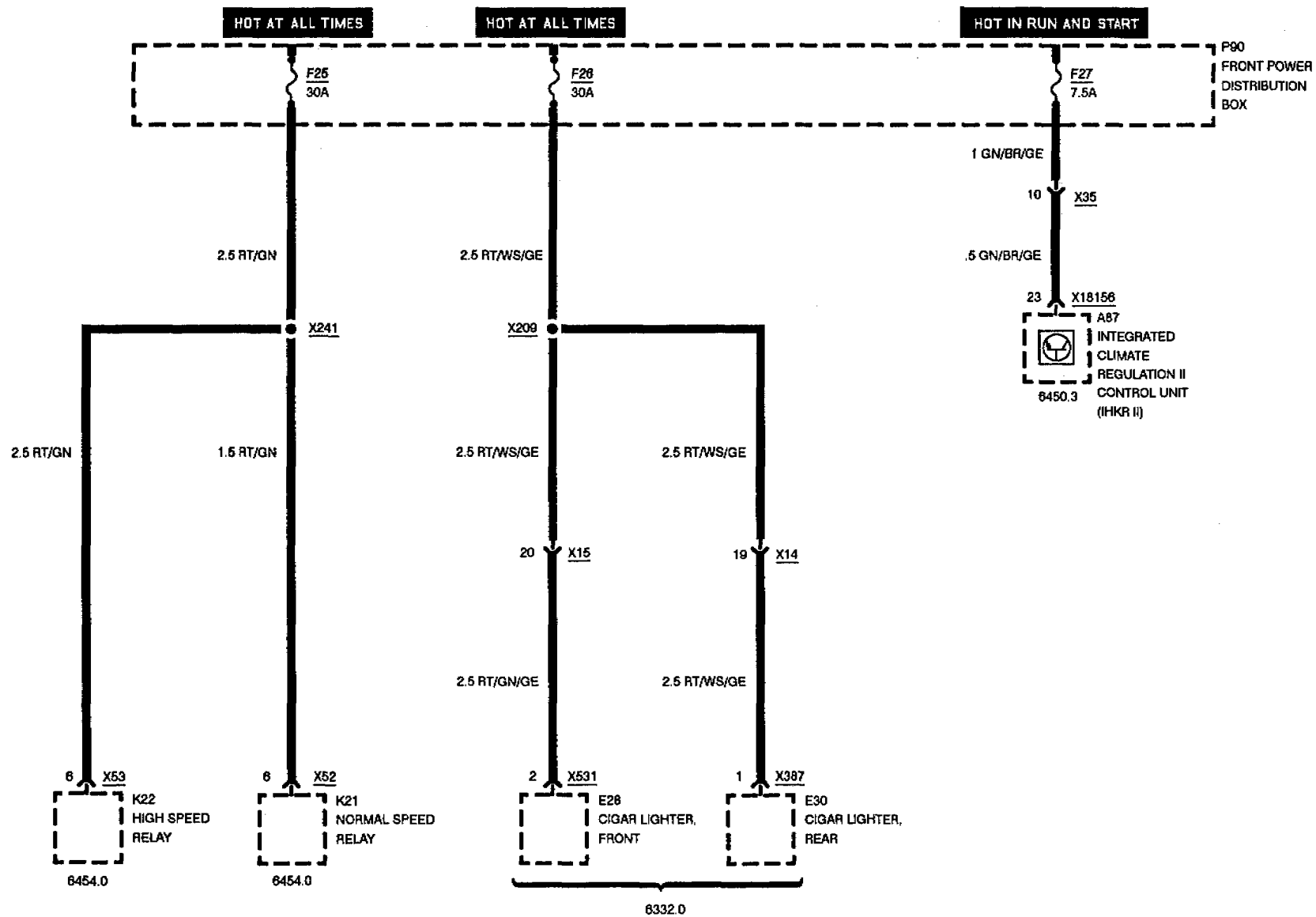
FUSE 21





FUSE DETAILS

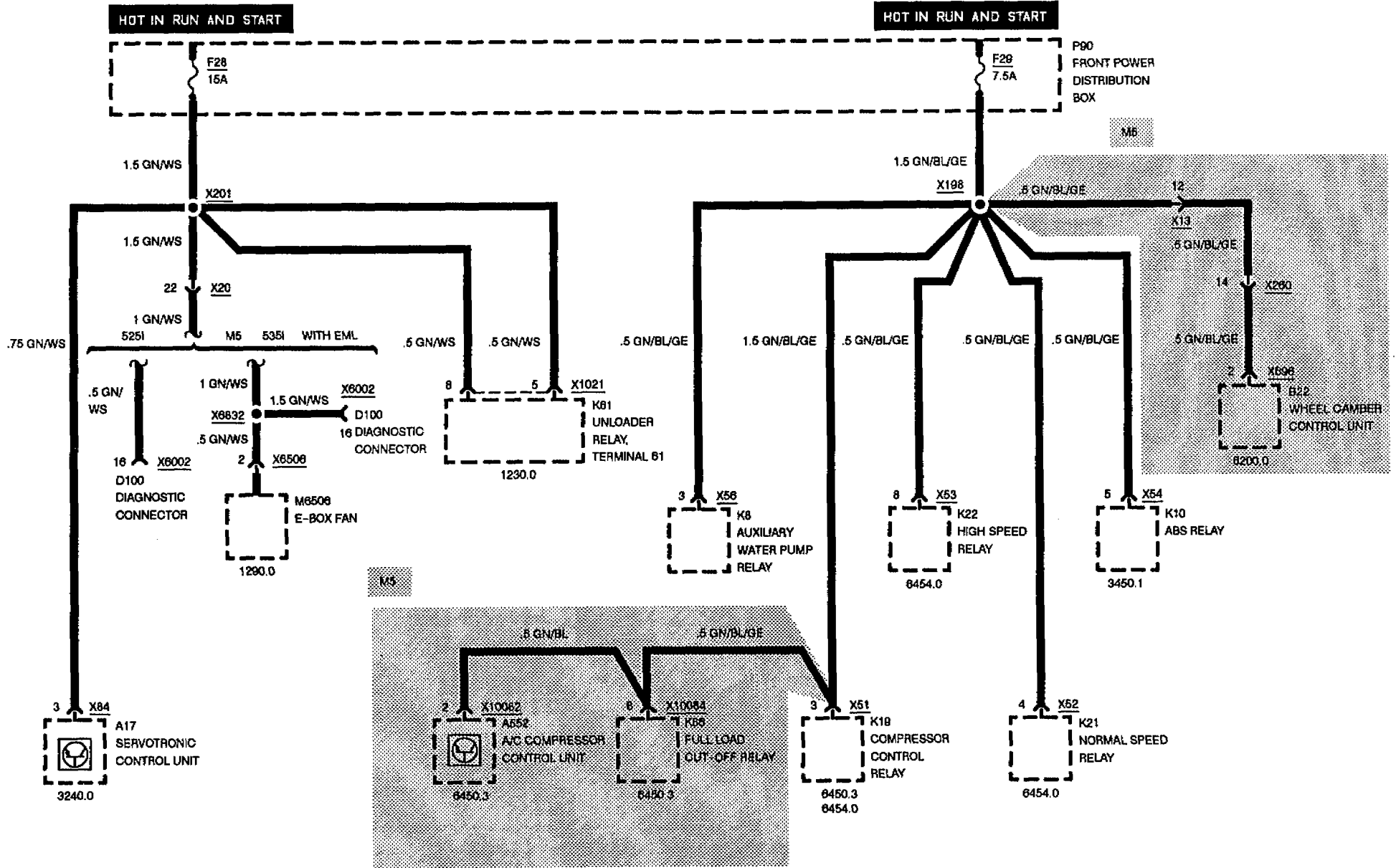
FUSES 25, 26, AND 27





FUSE DETAILS

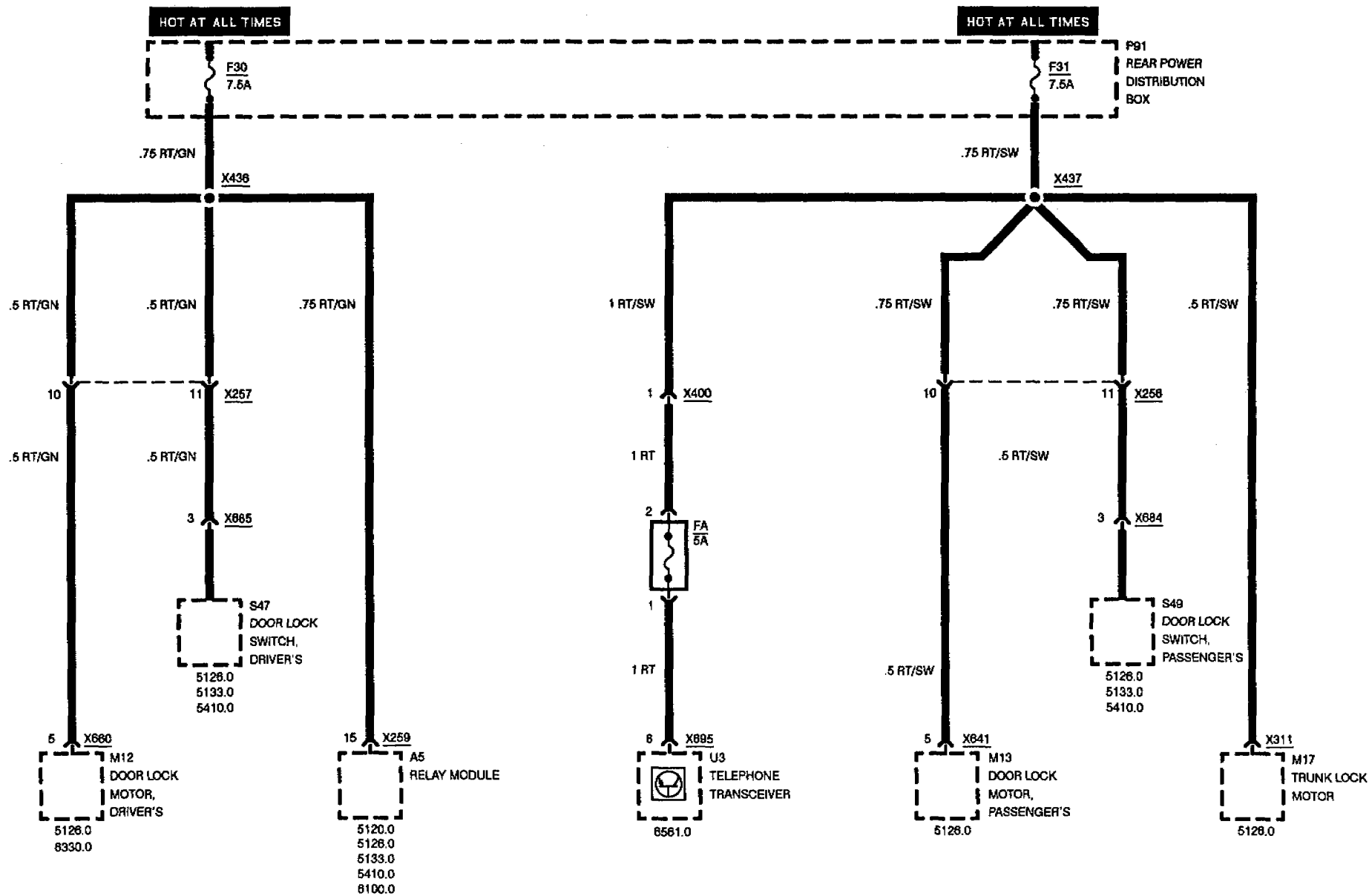
FUSES 28 AND 29



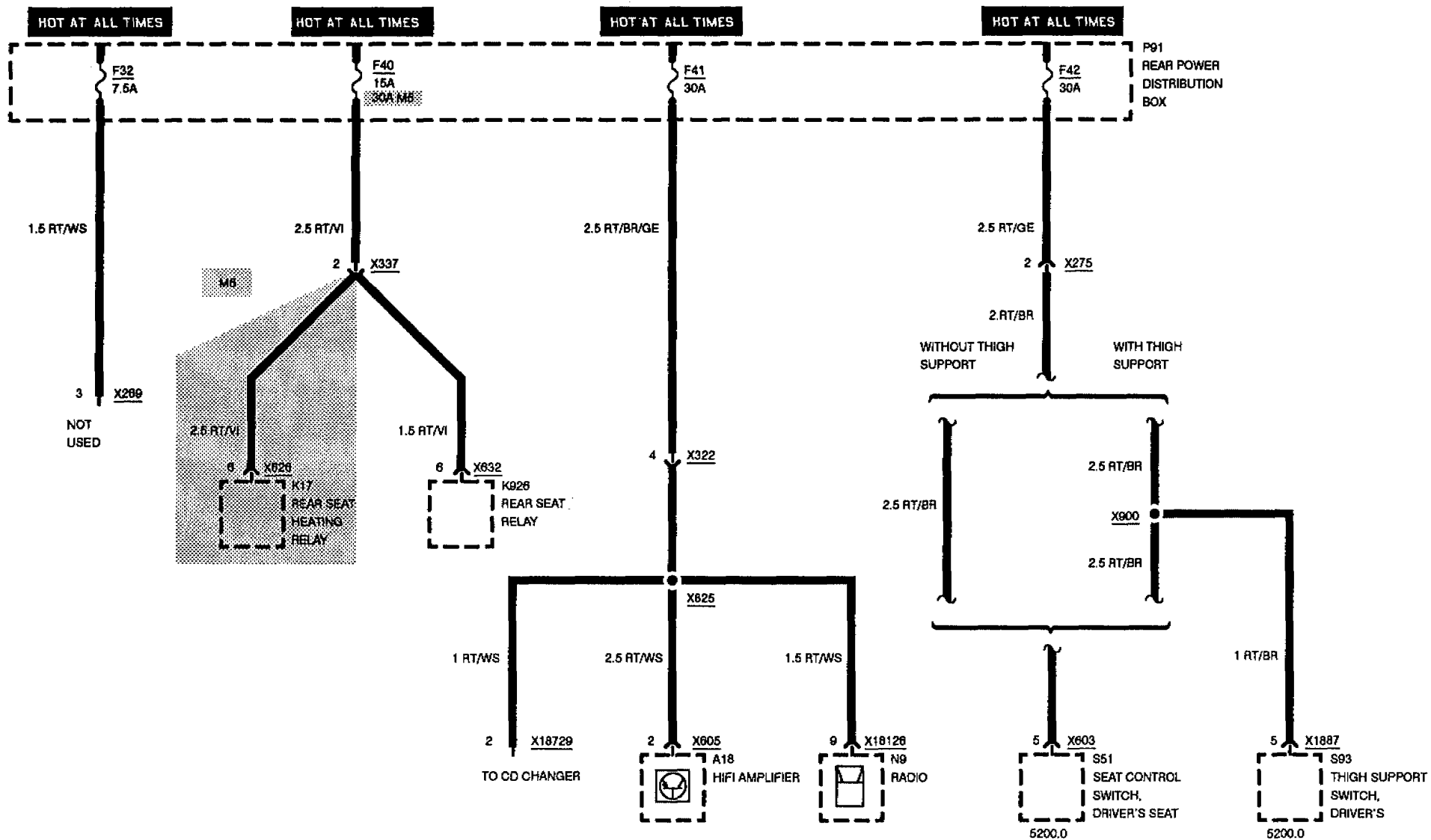


FUSE DETAILS

FUSES 30 AND 31



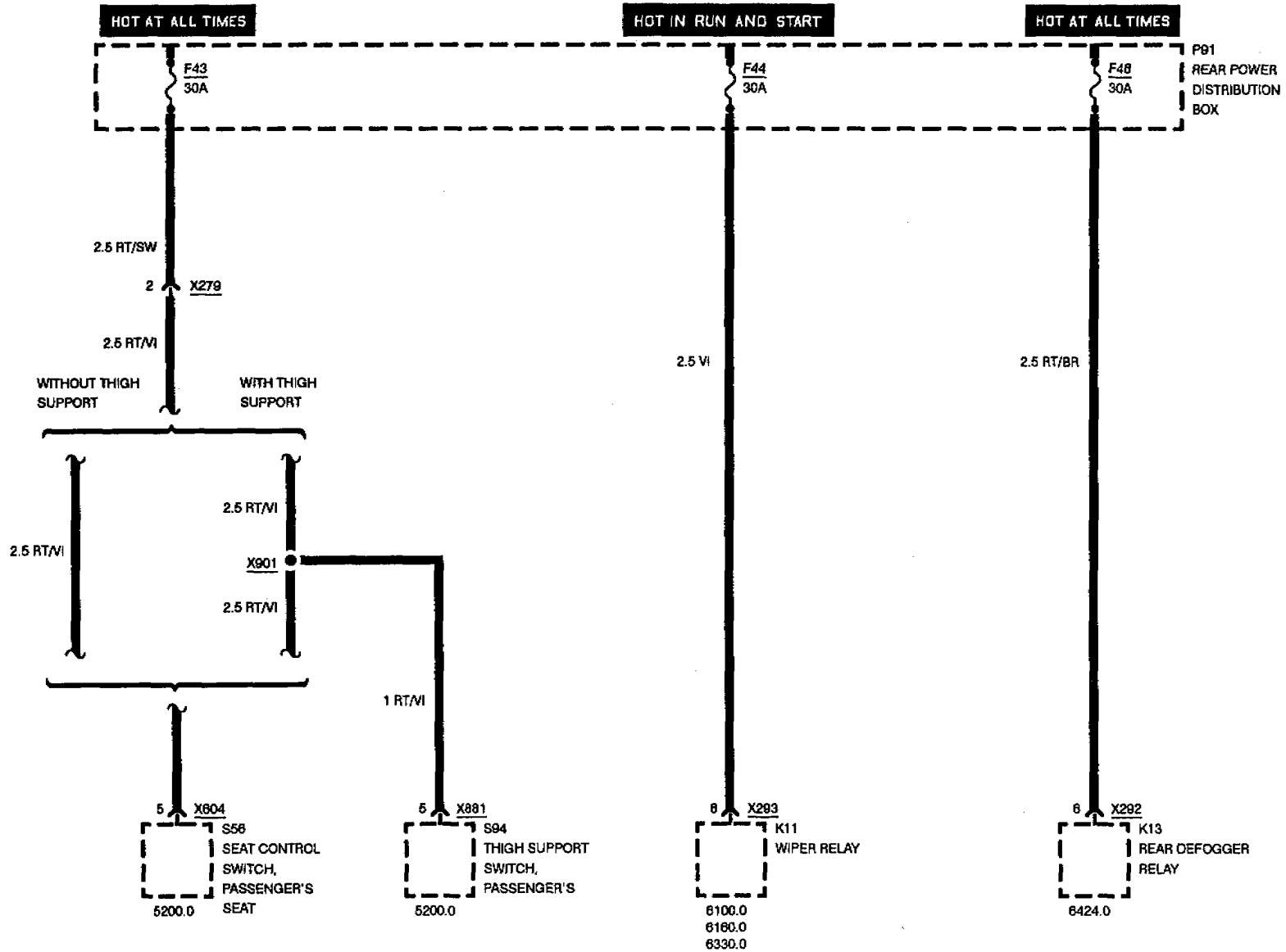
BMW 5 FUSE DETAILS
FUSES 32, 40, 41, AND 42





FUSE DETAILS

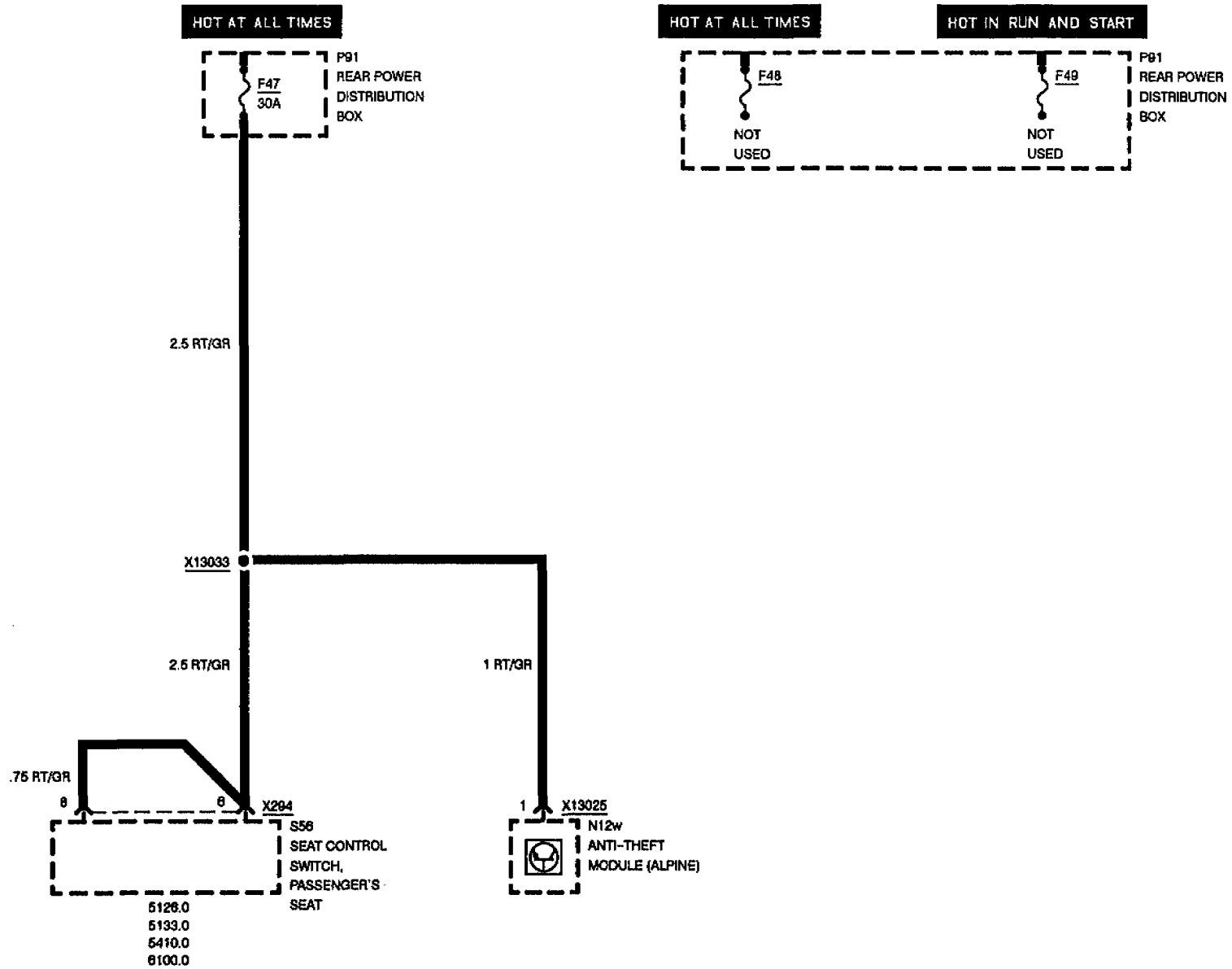
FUSES 43, 44, AND 46





FUSE DETAILS

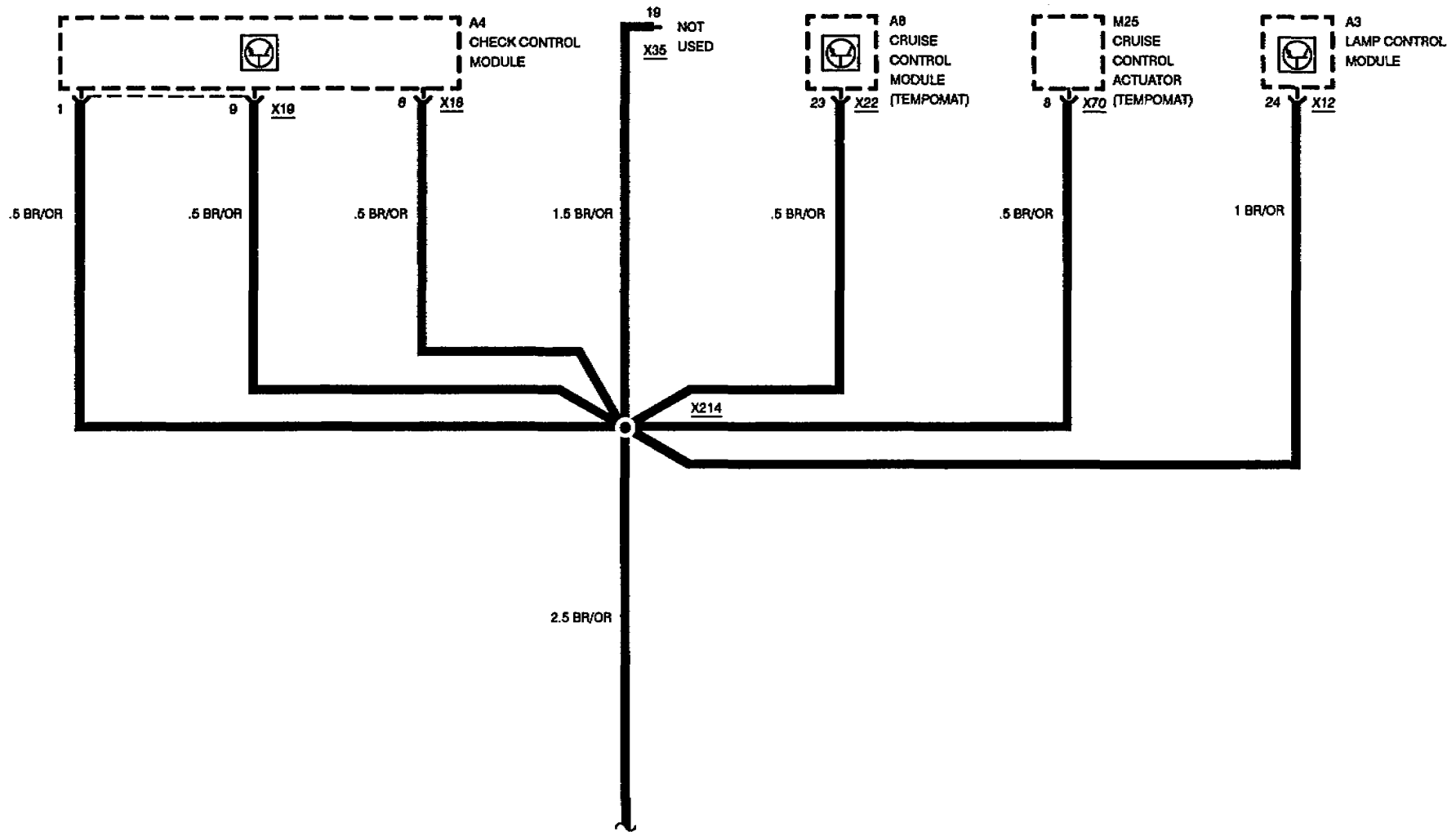
FUSES 47, 48, AND 49

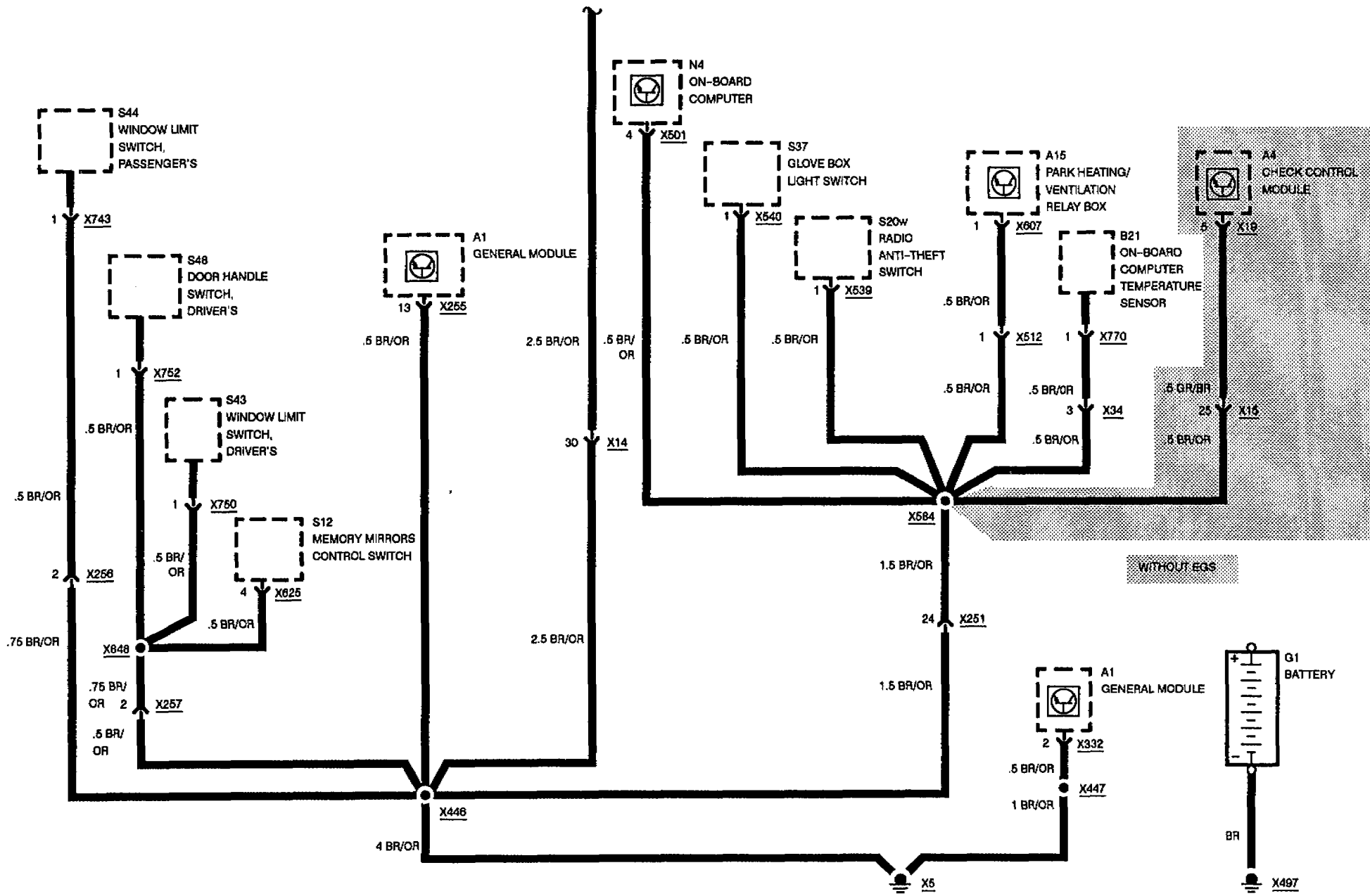




GROUND DISTRIBUTION

GROUND X5

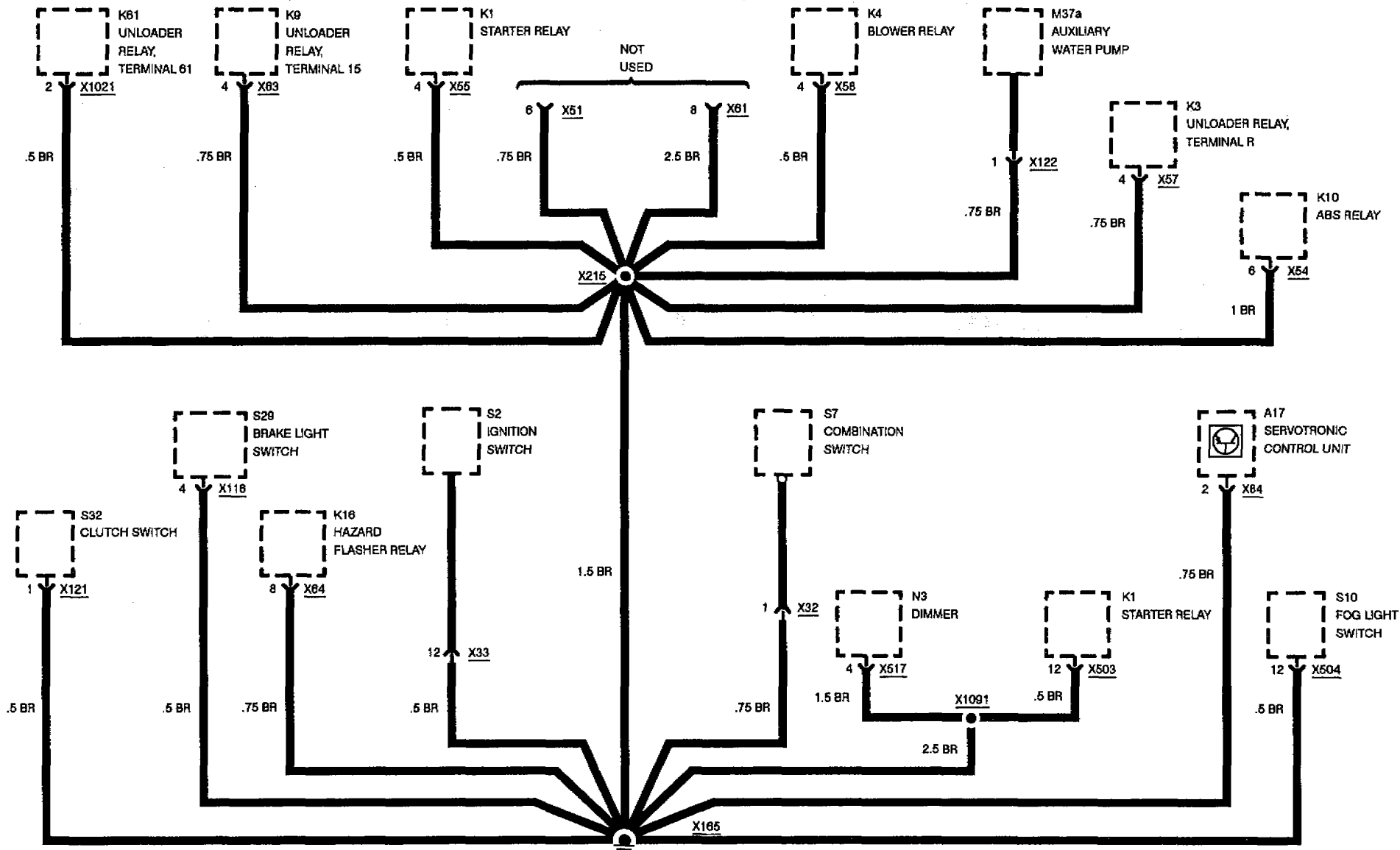






GROUND DISTRIBUTION

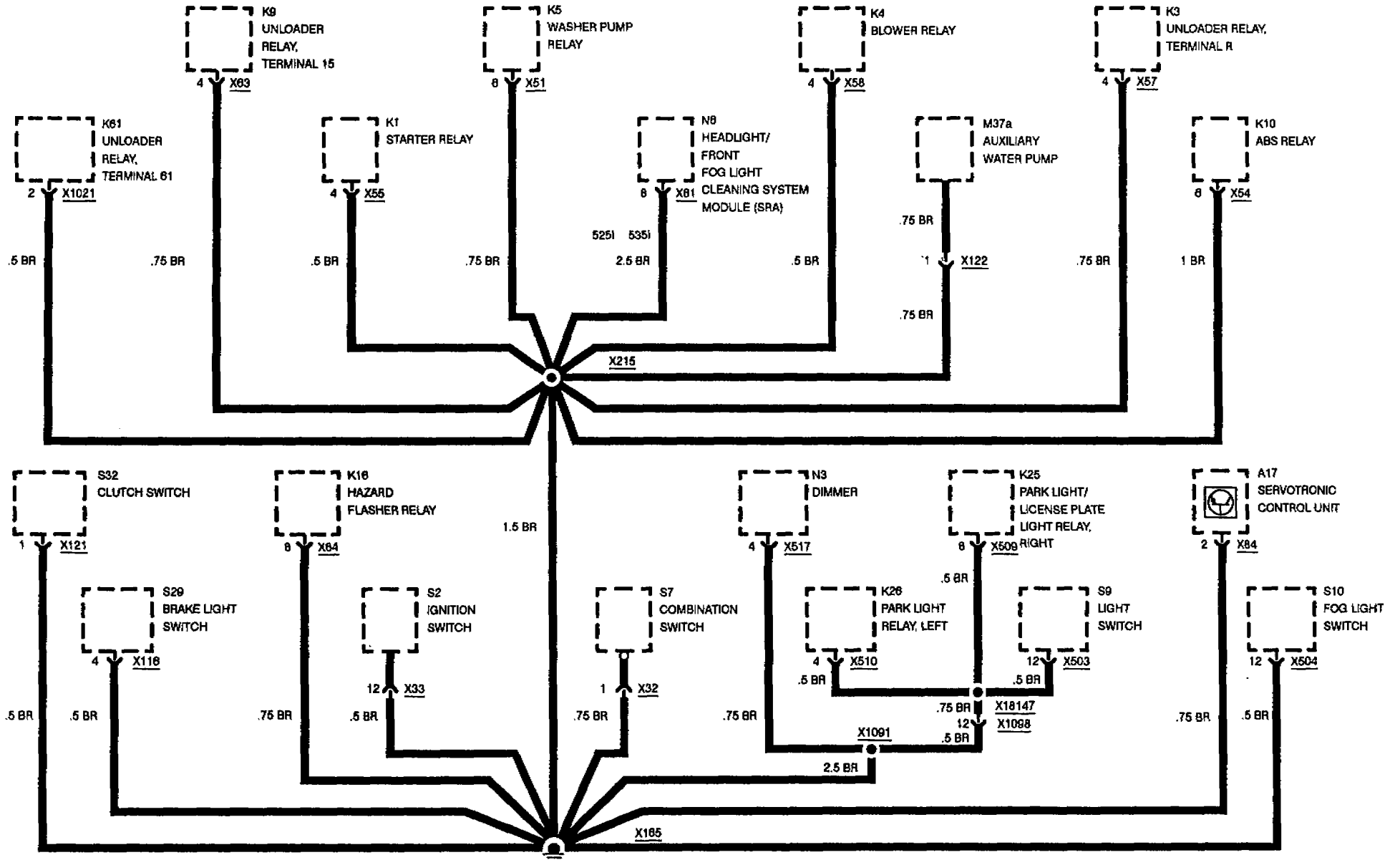
GROUND X165





GROUND DISTRIBUTION

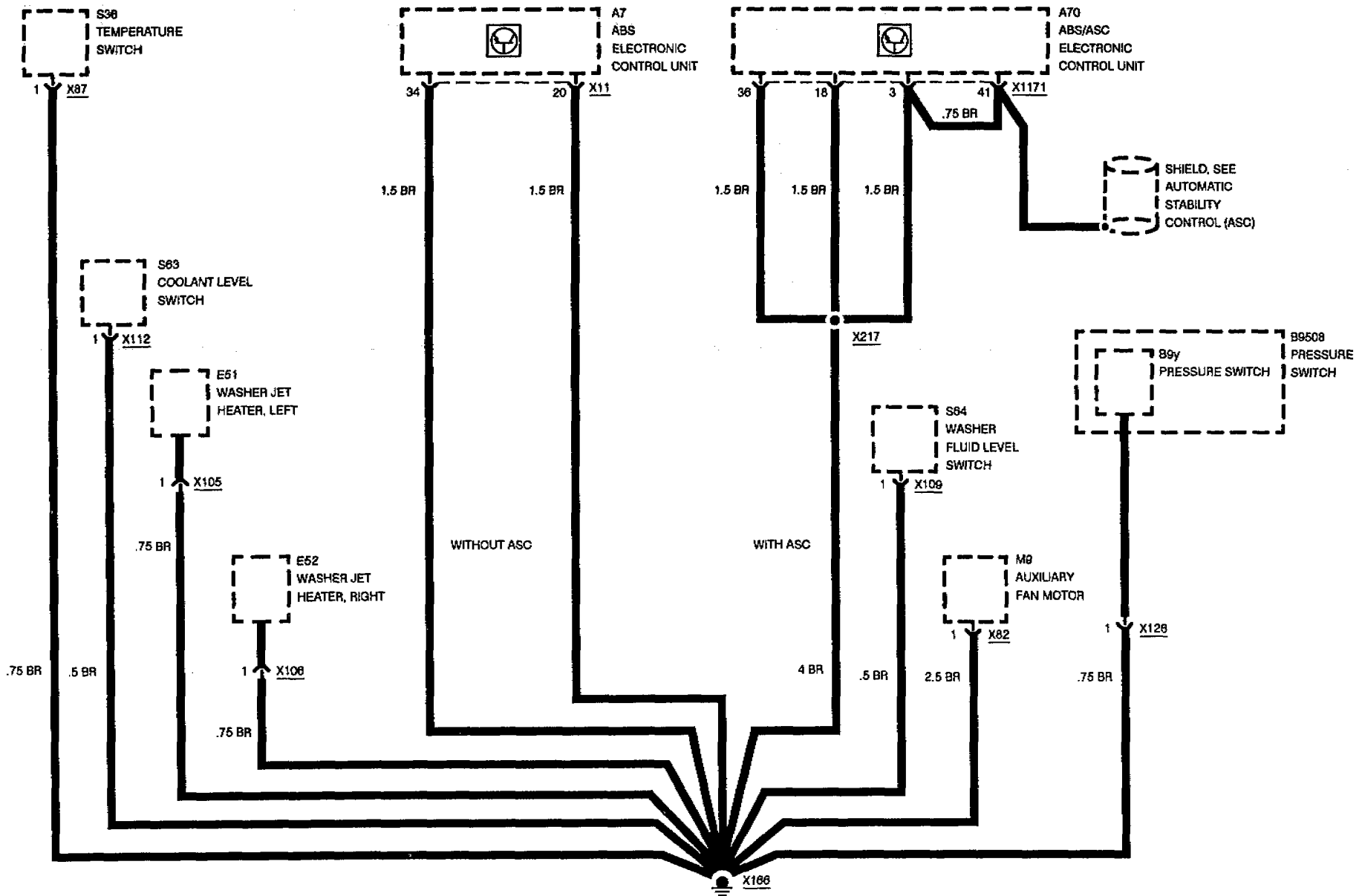
GROUND X165





GROUND DISTRIBUTION

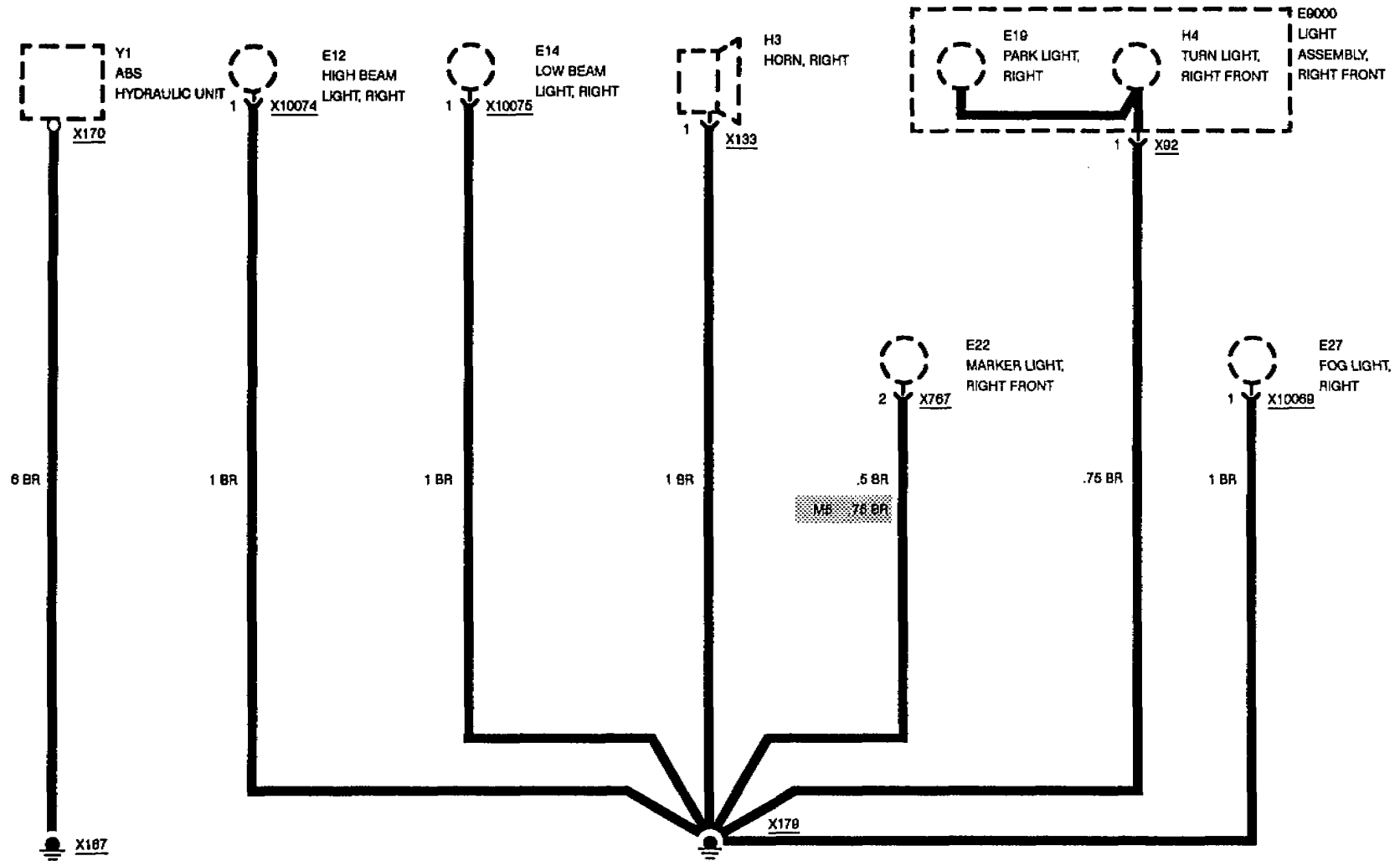
GROUND X166





GROUND DISTRIBUTION

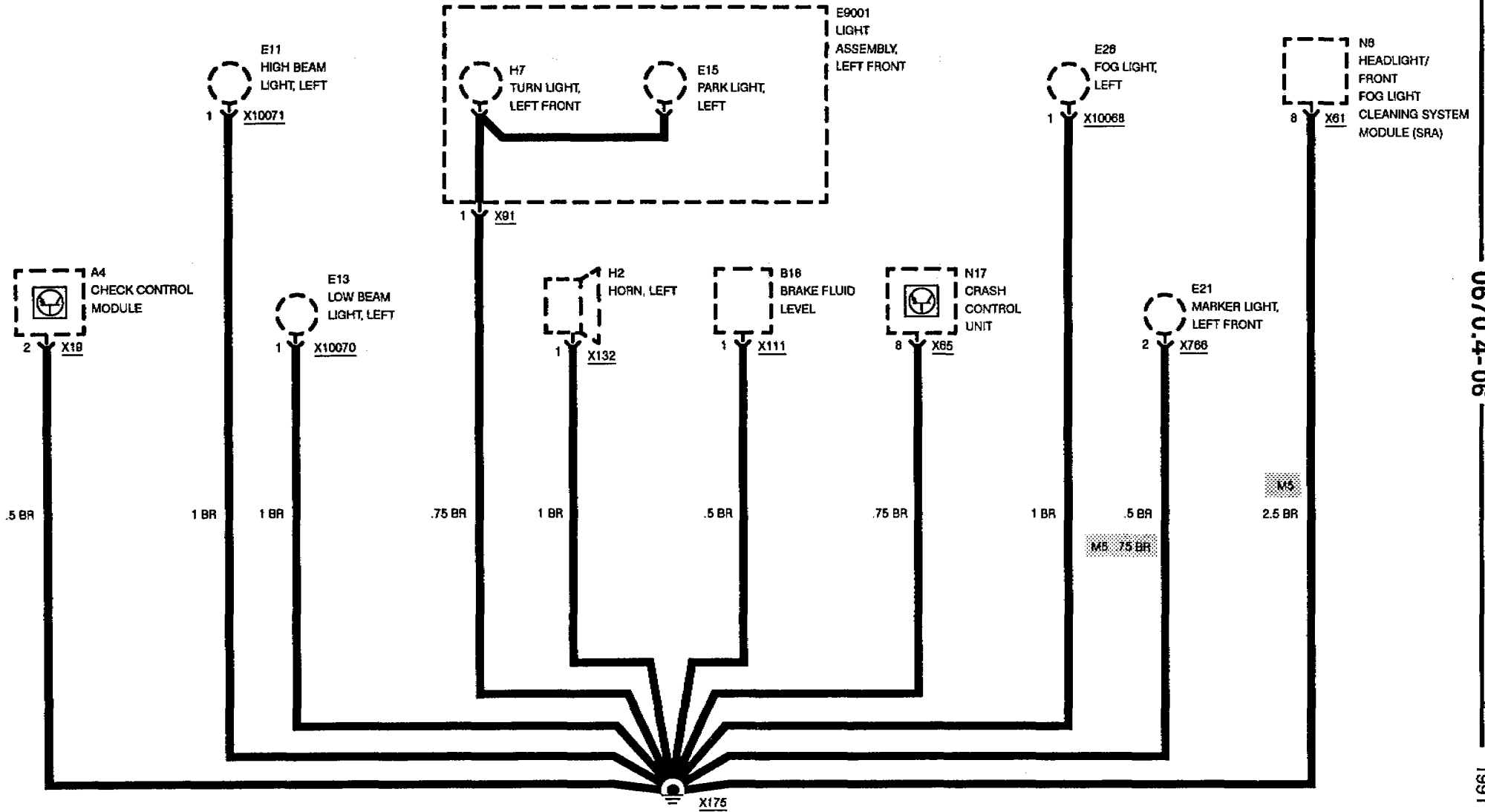
GROUNDS X167 AND X179





GROUND DISTRIBUTION

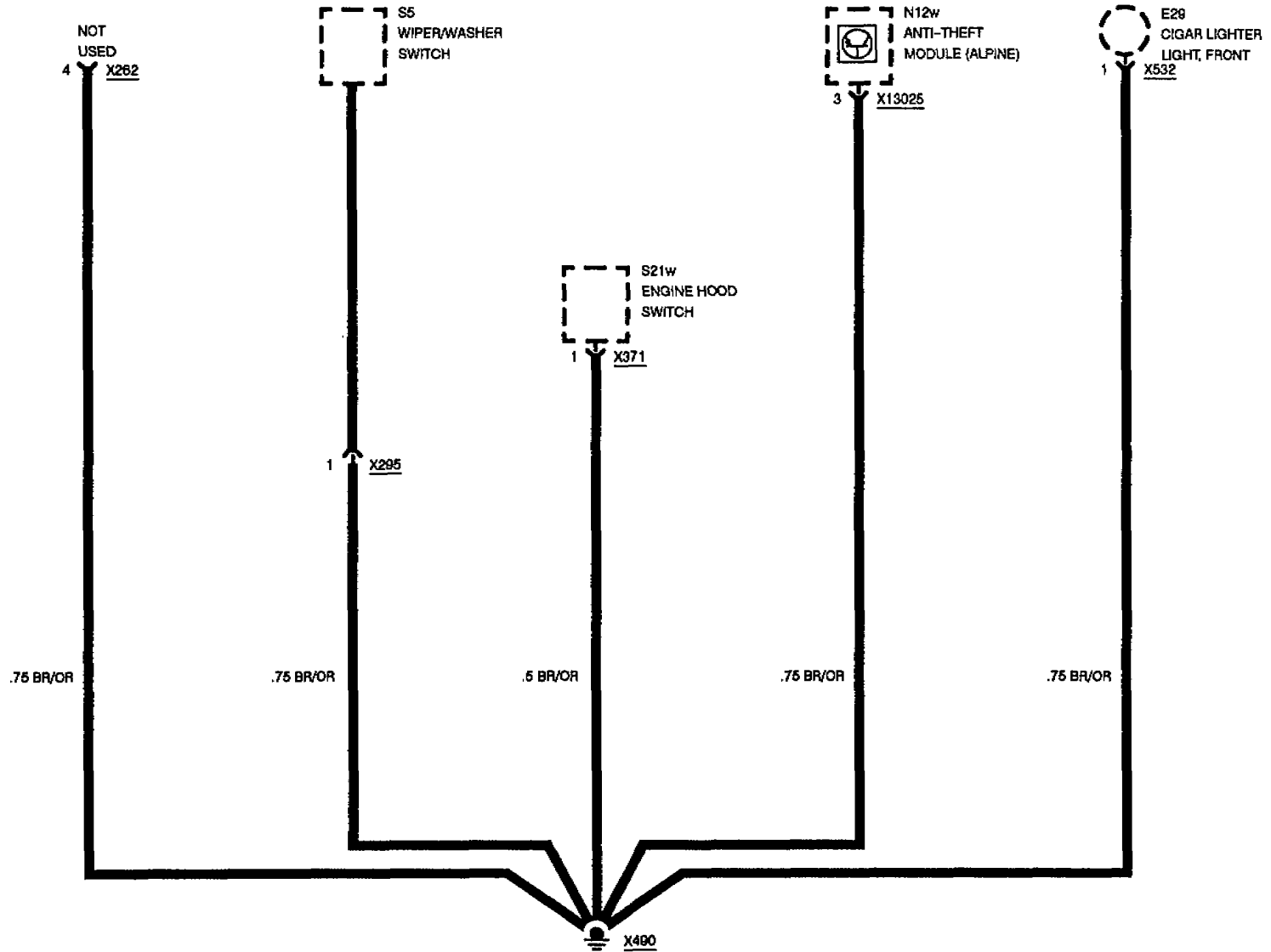
GROUND X175





GROUND DISTRIBUTION

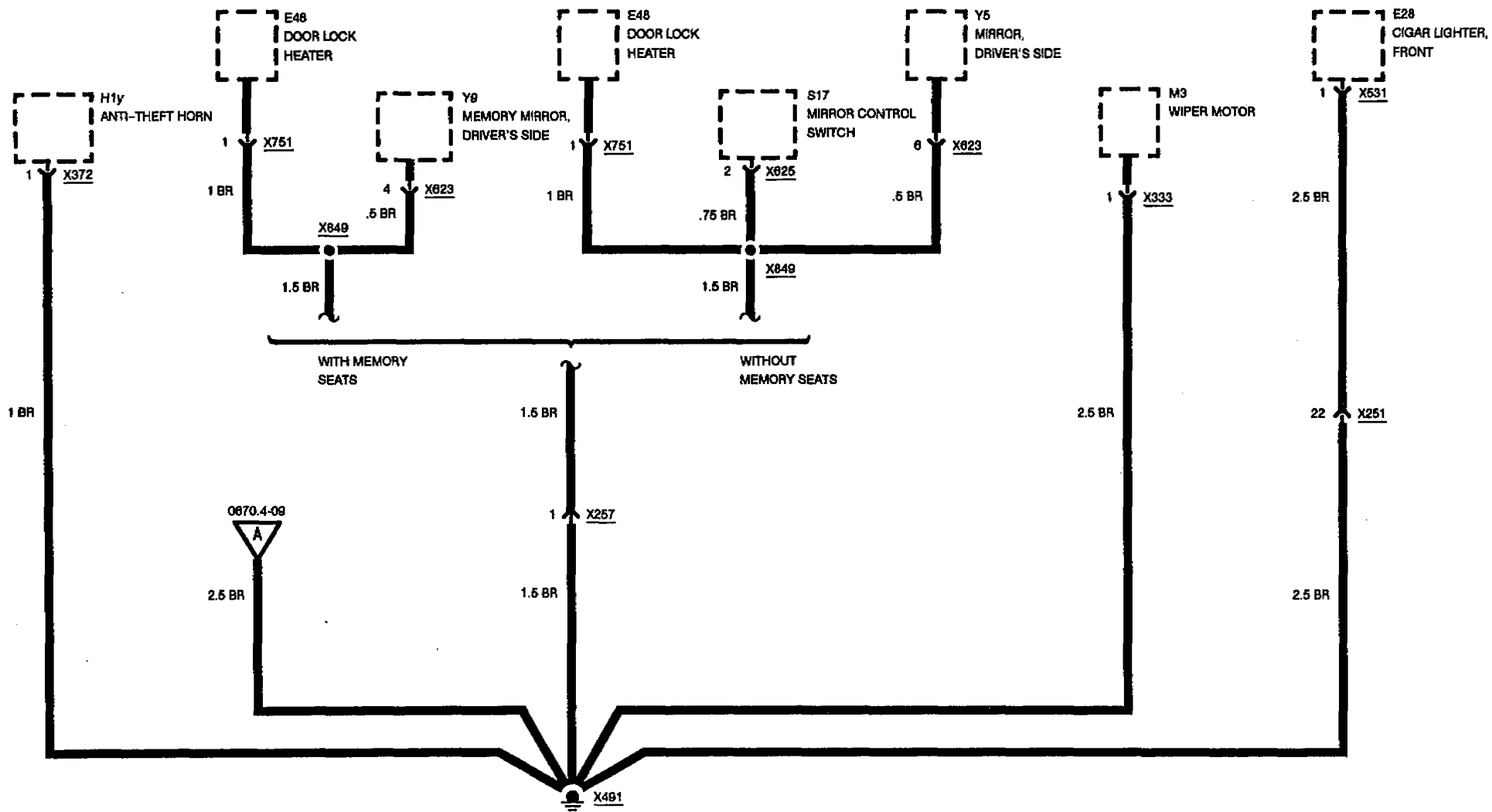
GROUND X490





GROUND DISTRIBUTION

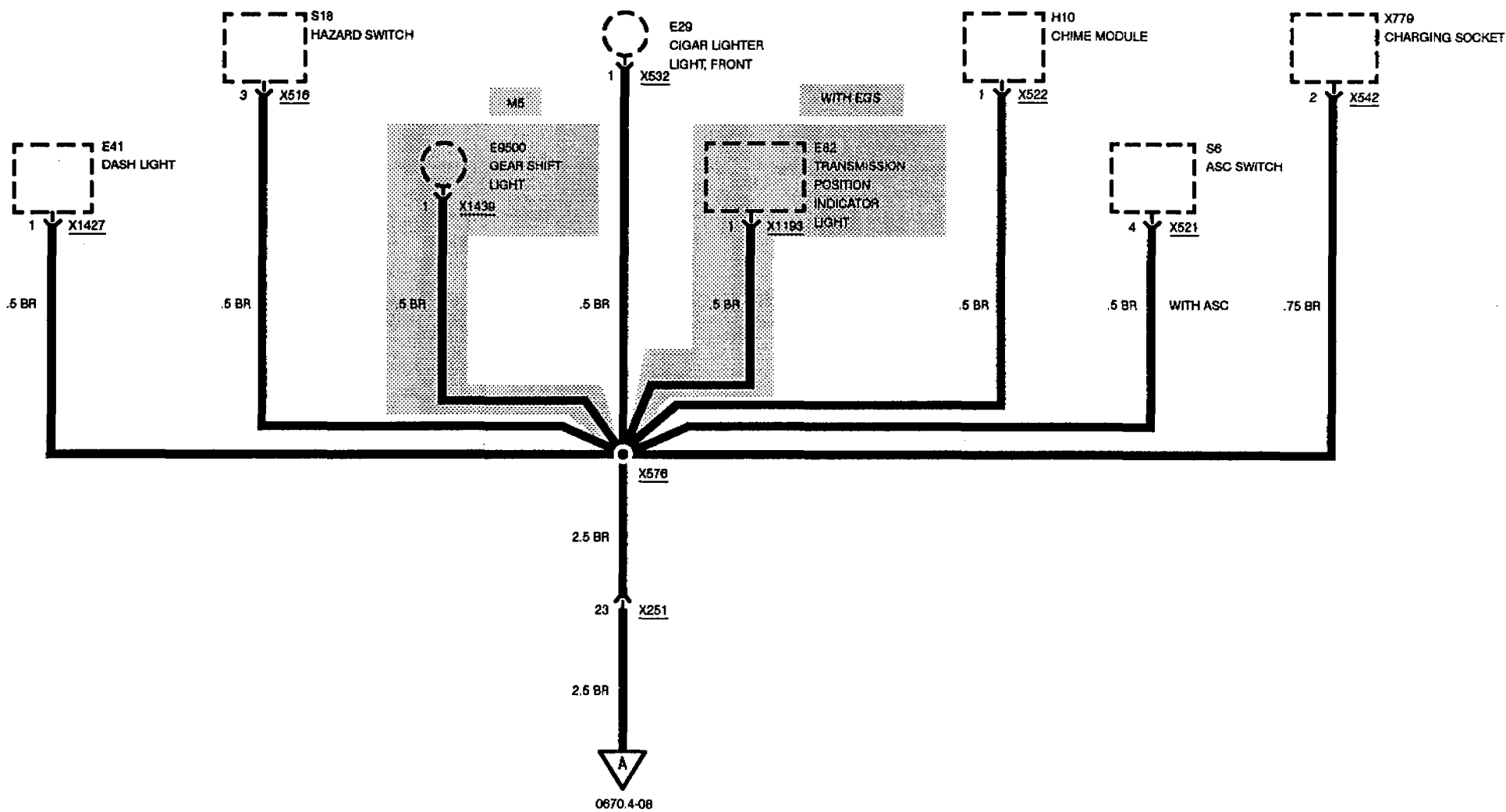
GROUND X491





GROUND DISTRIBUTION

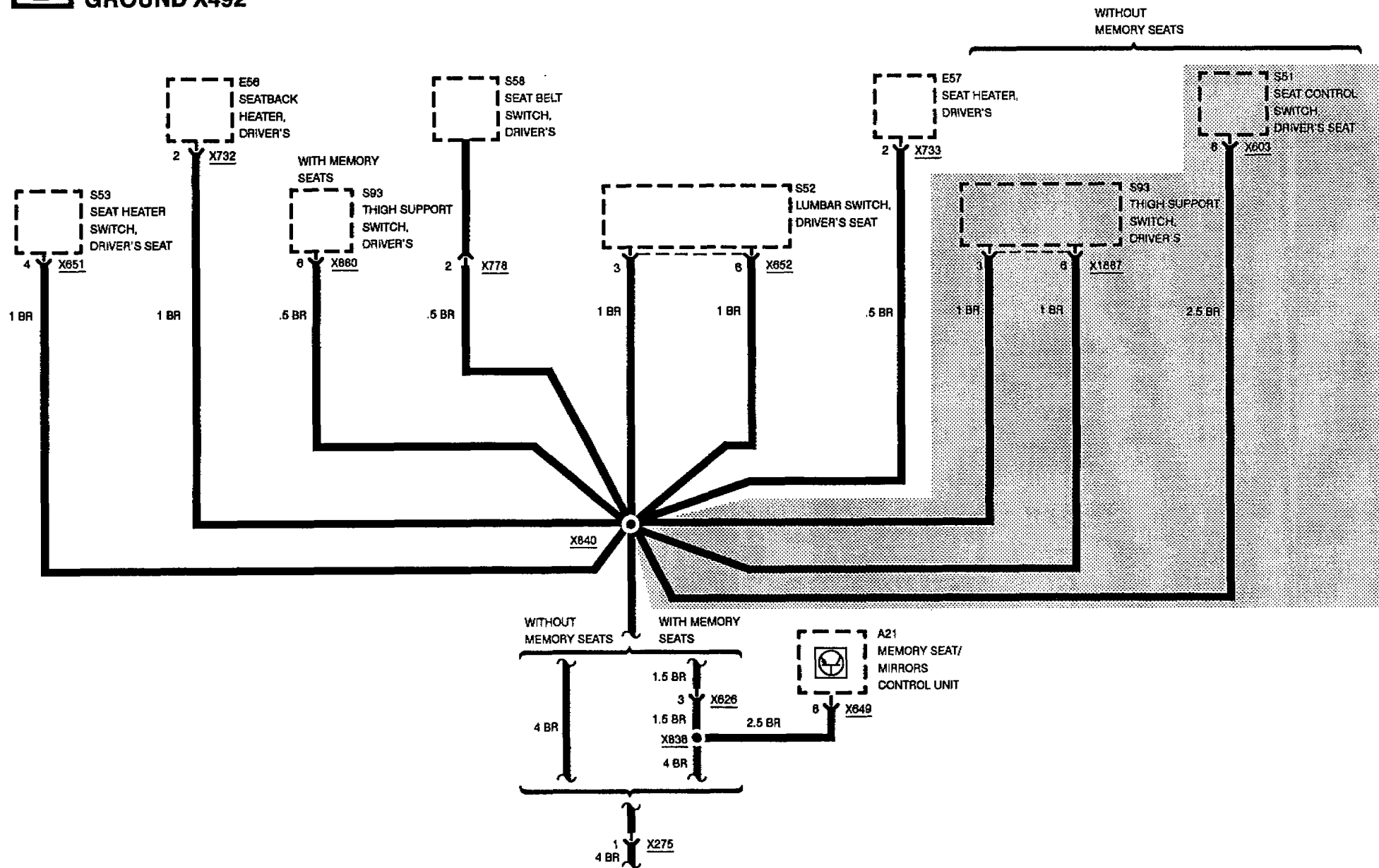
GROUND X491

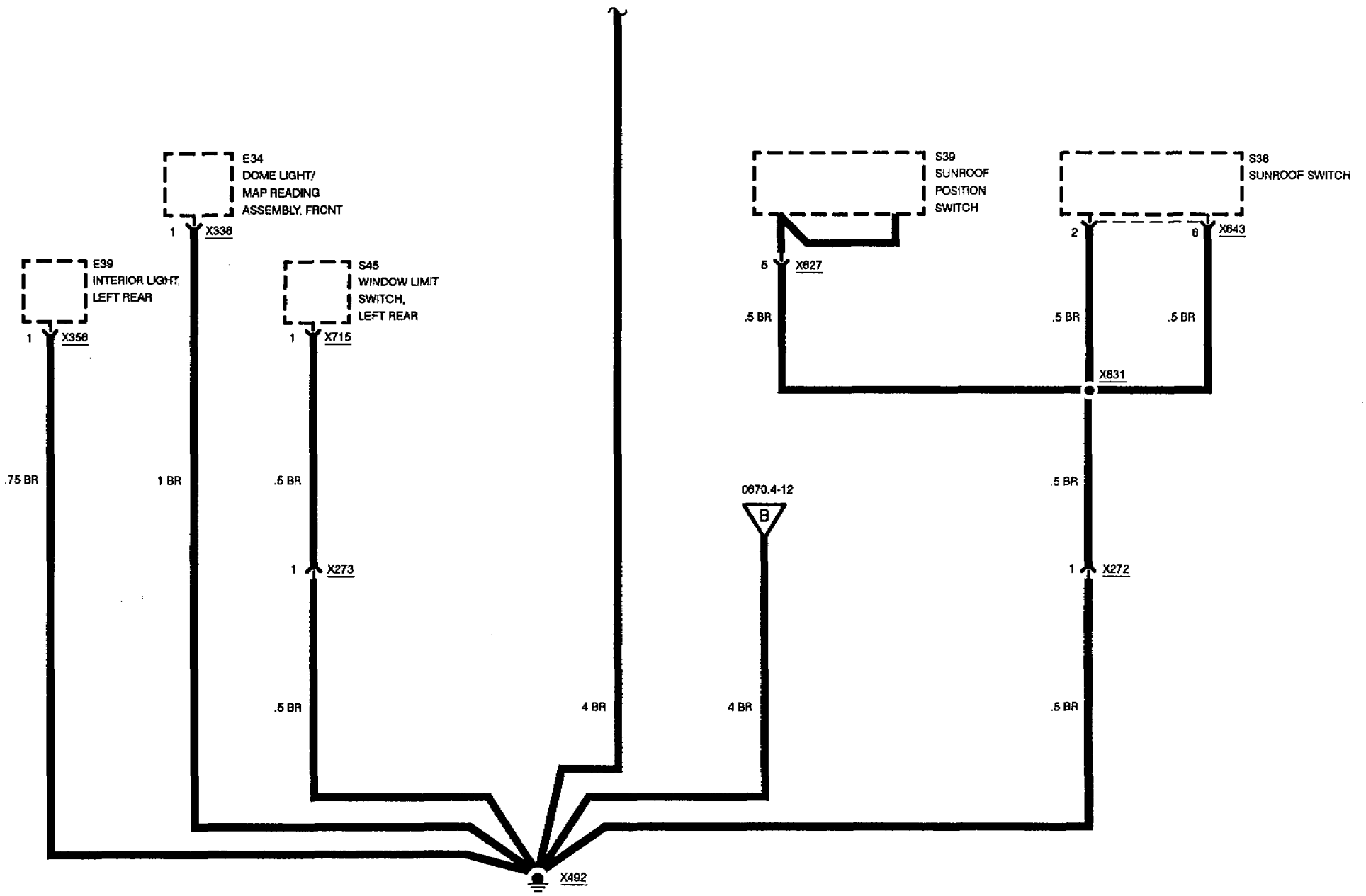




GROUND DISTRIBUTION

GROUND X492

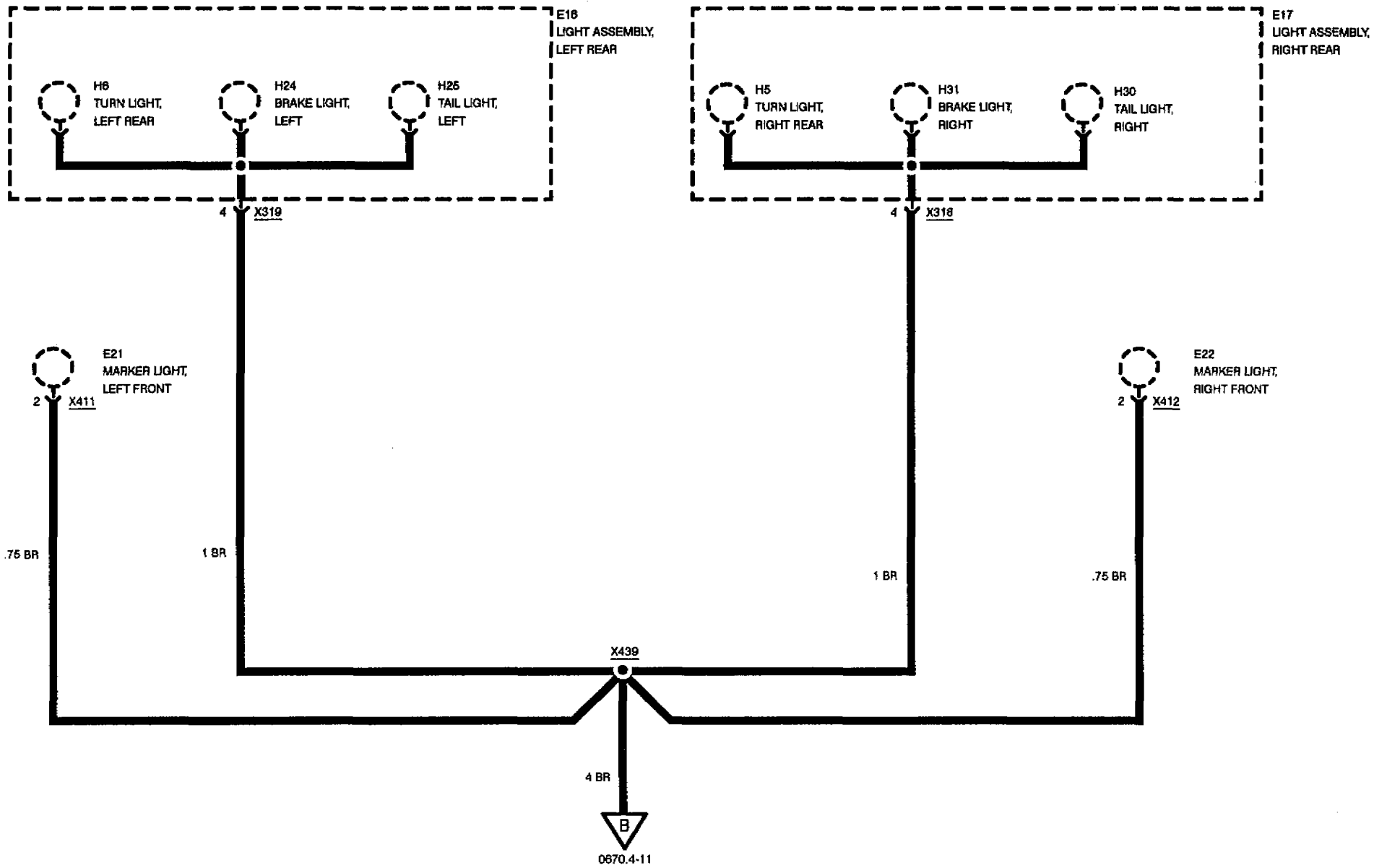






GROUND DISTRIBUTION

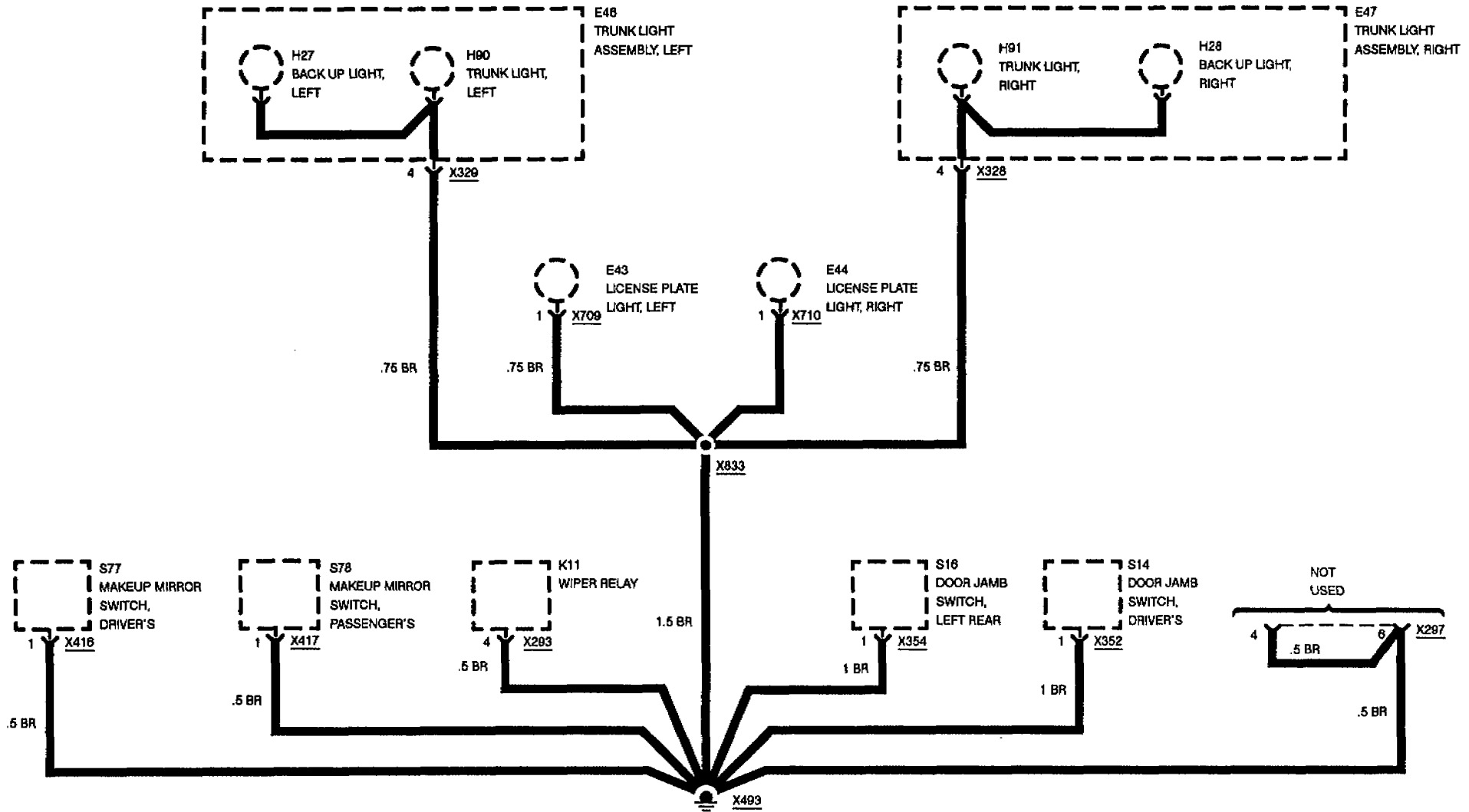
GROUND X492





GROUND DISTRIBUTION

GROUND X493



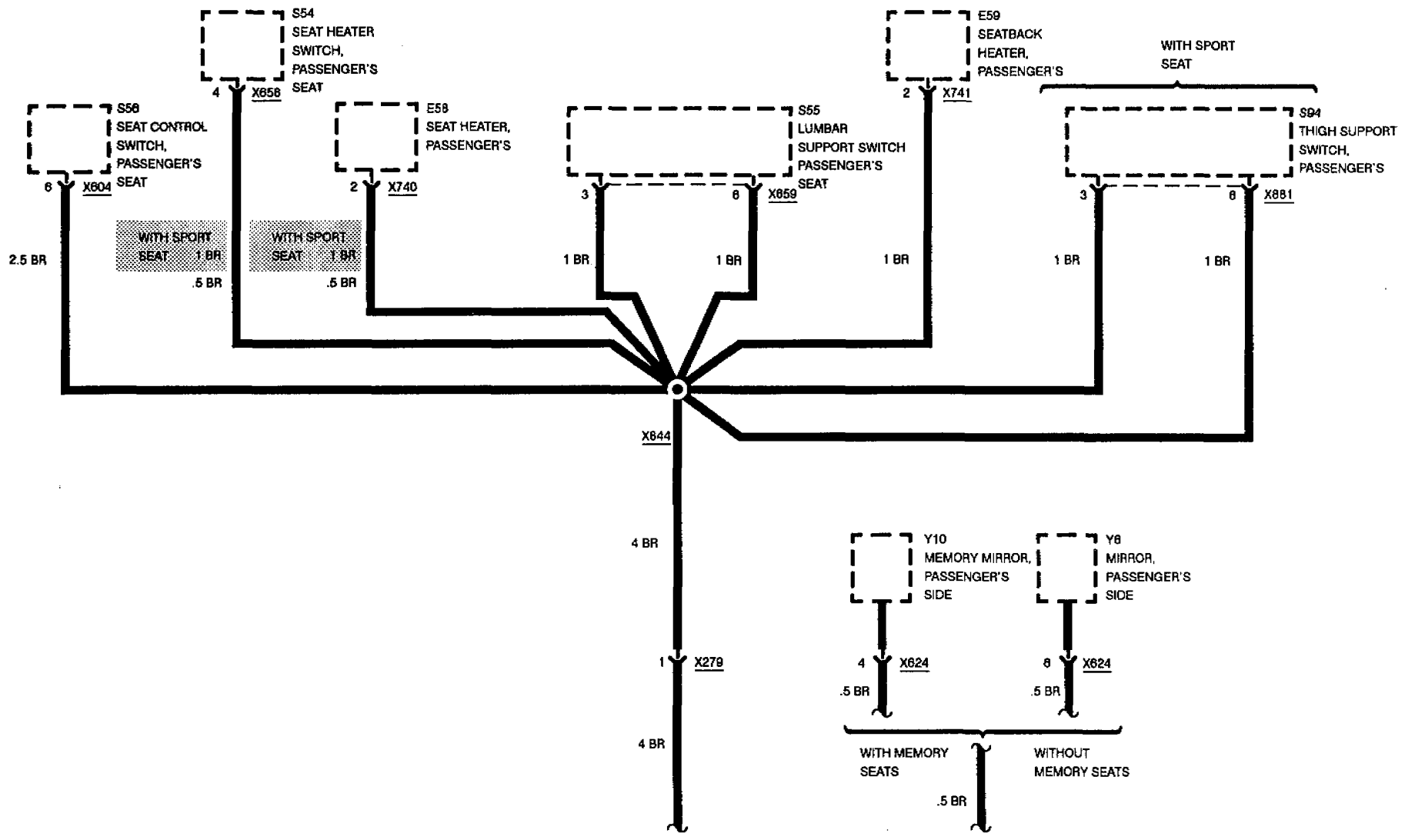


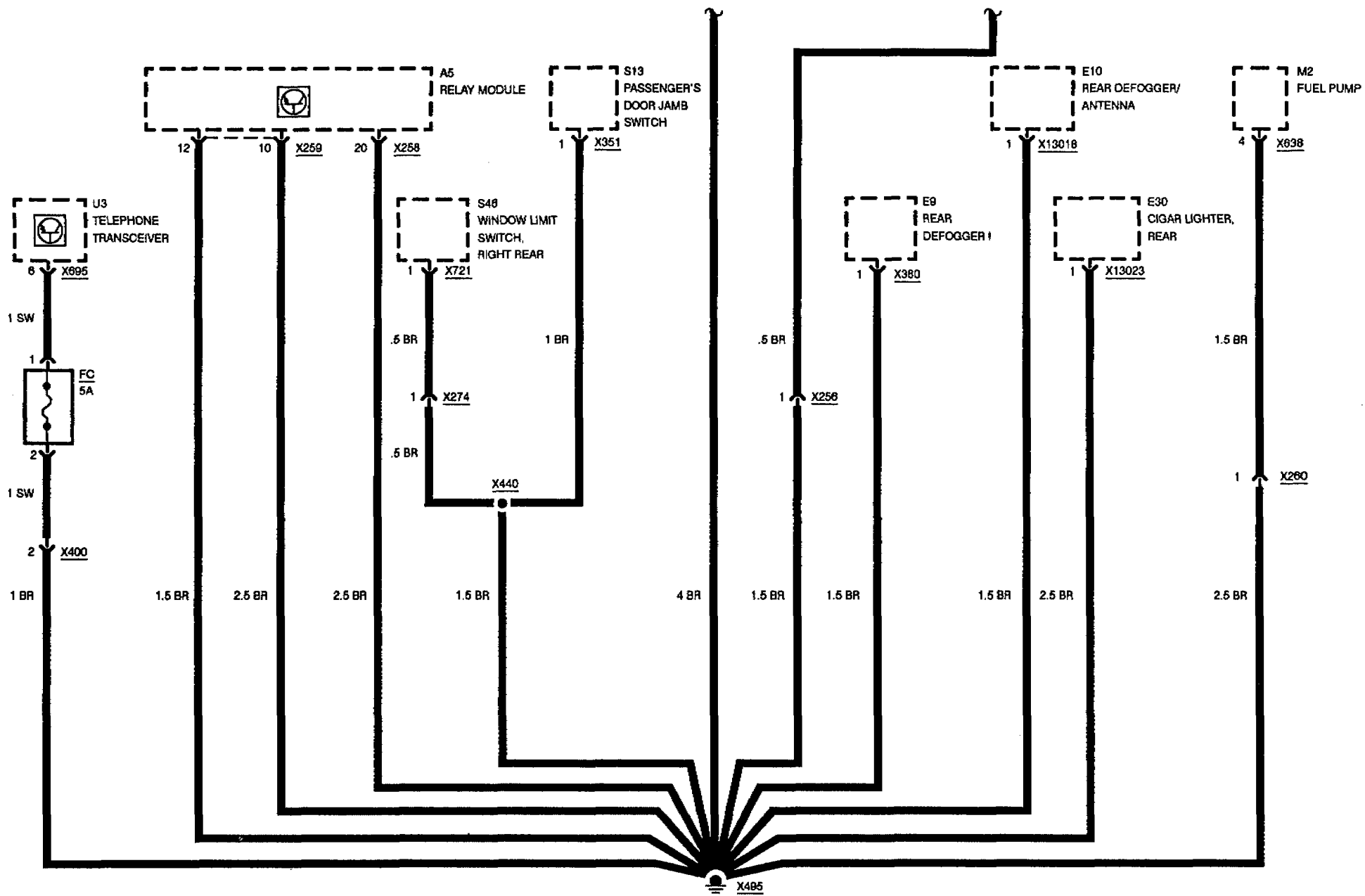
GROUND DISTRIBUTION GROUND X495

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0670.4-14

1991

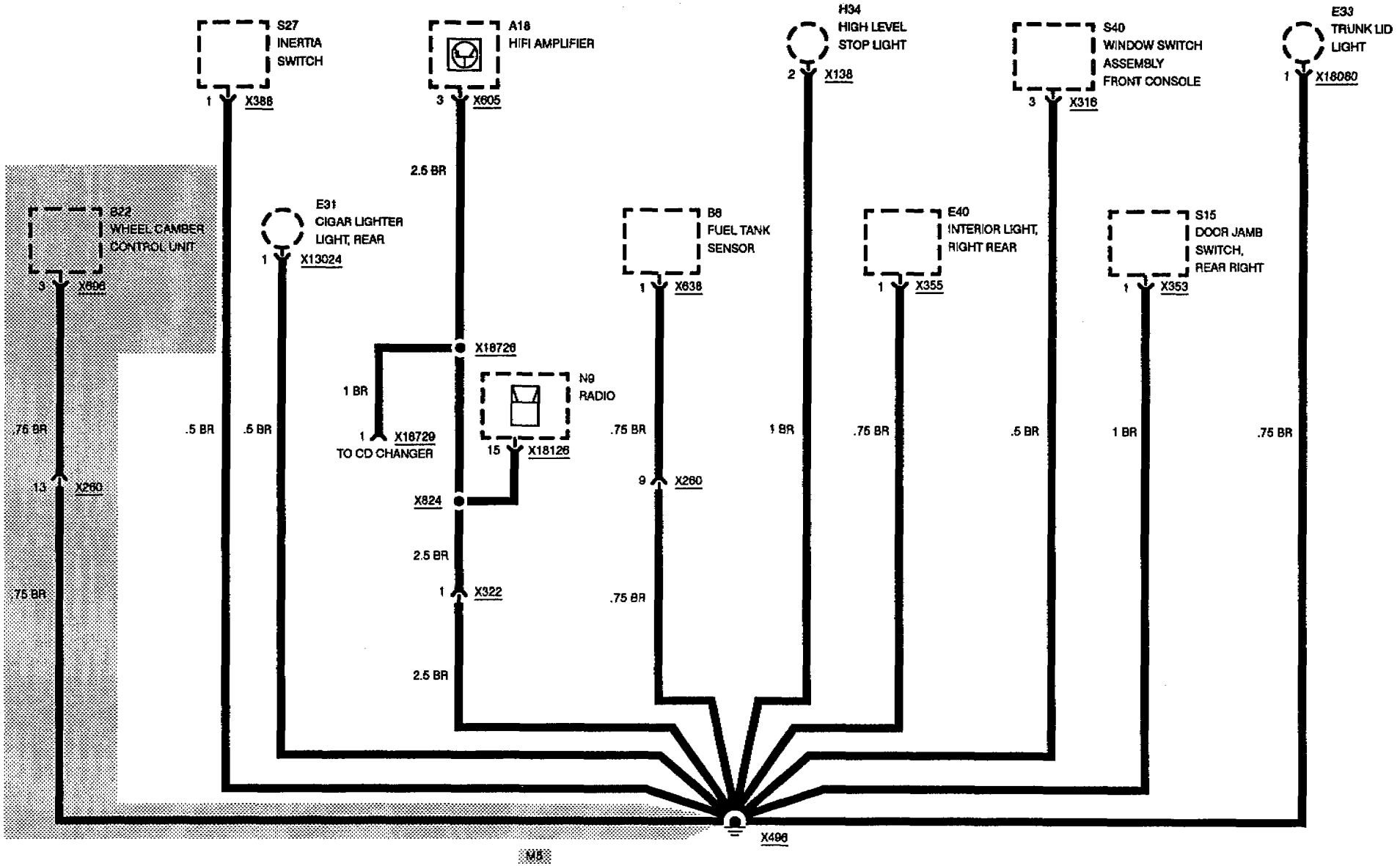






GROUND DISTRIBUTION

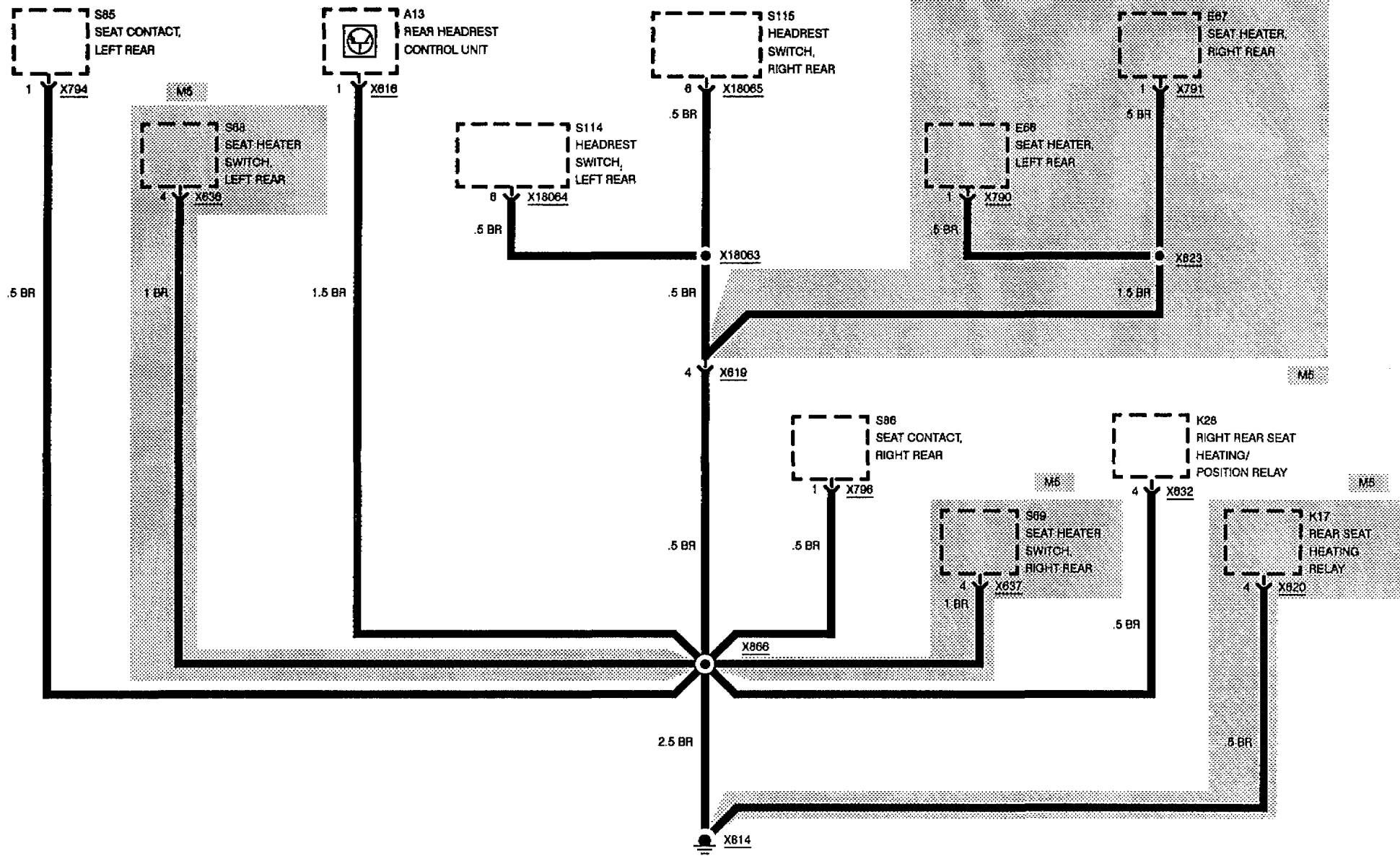
GROUND X496





GROUND DISTRIBUTION

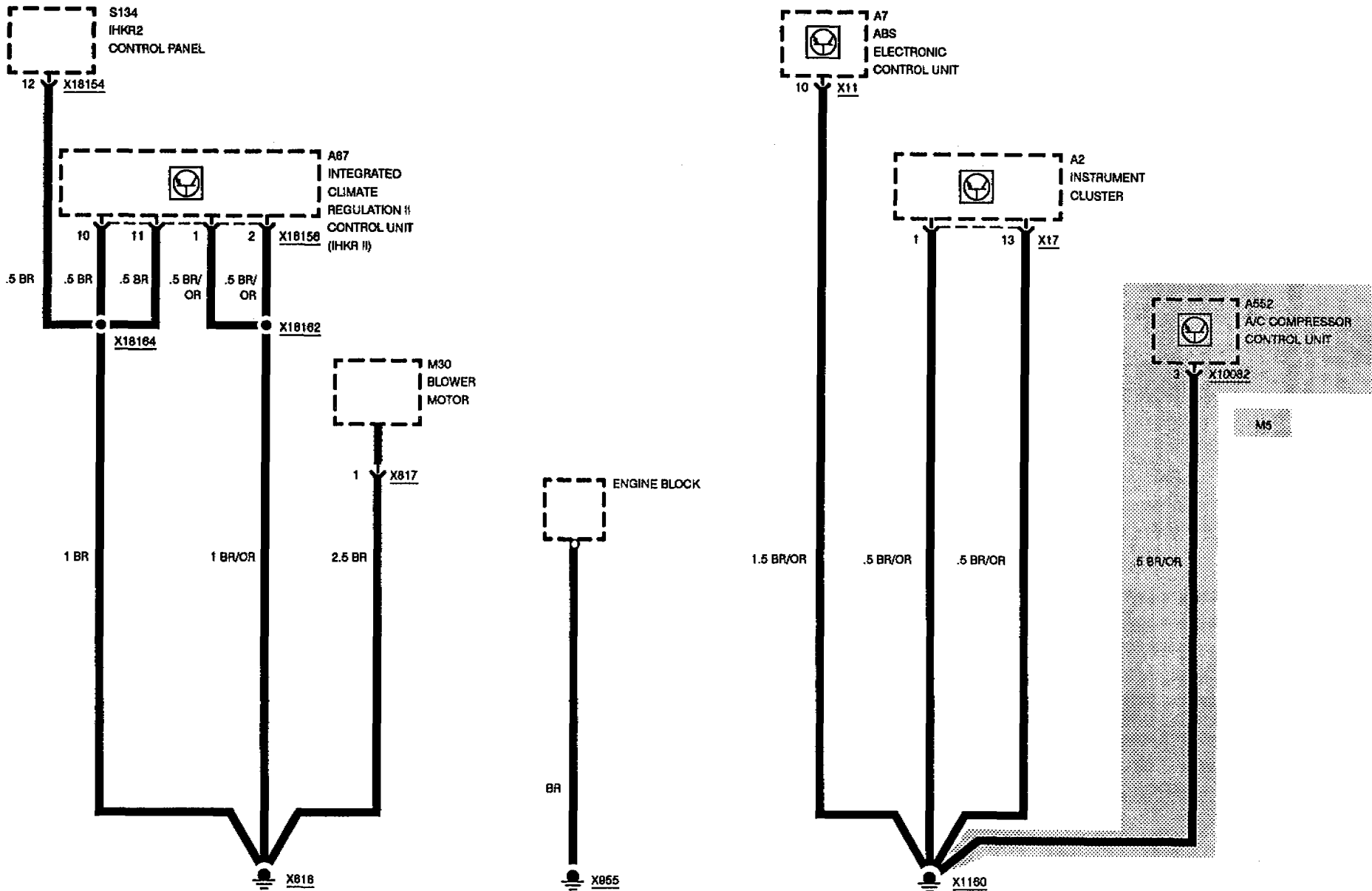
GROUND X814





GROUND DISTRIBUTION

GROUND X818, X955, AND X1160

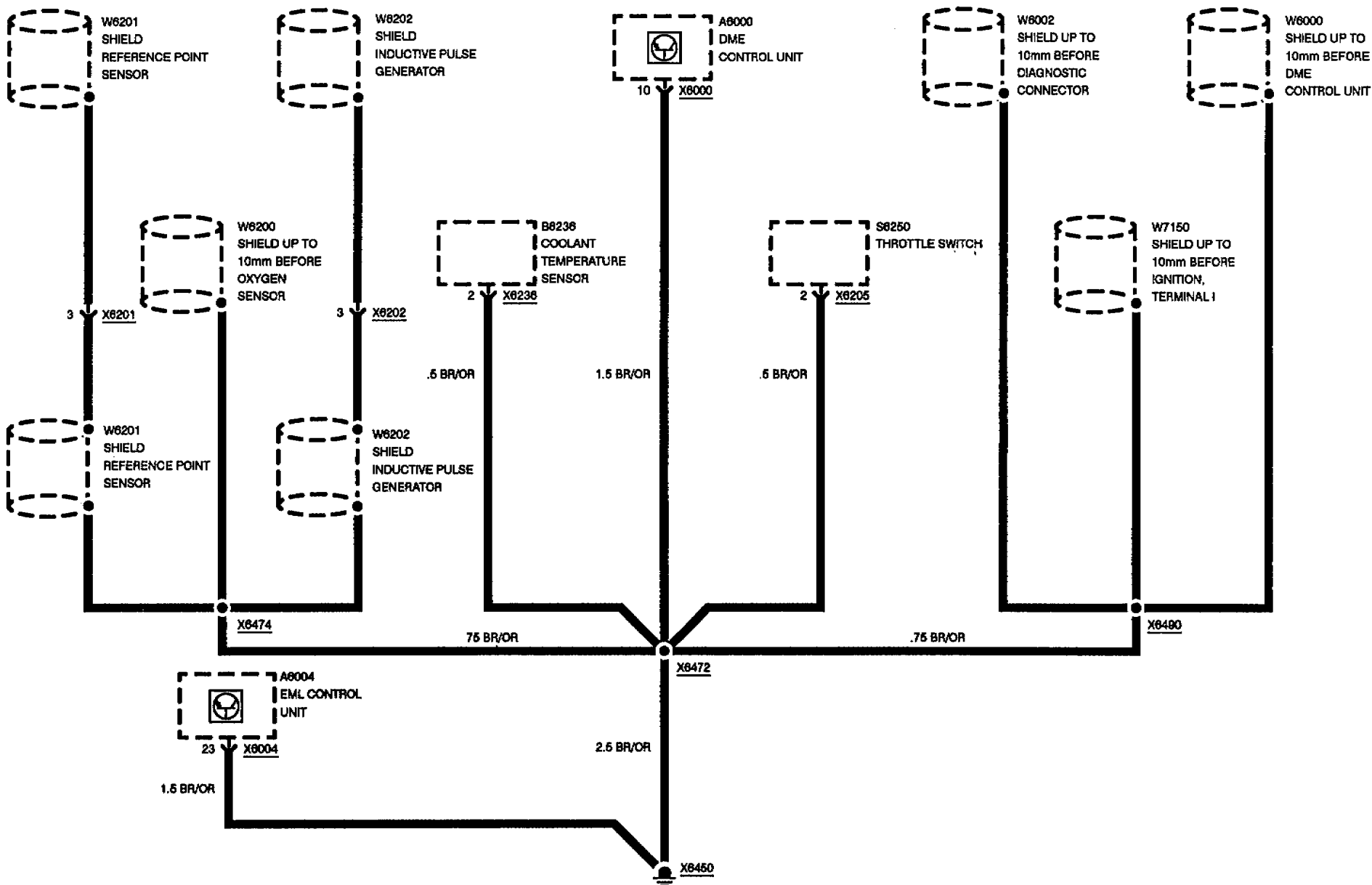




GROUND DISTRIBUTION

535i

GROUND X6450 WITH EML



02/92

0670.4-19

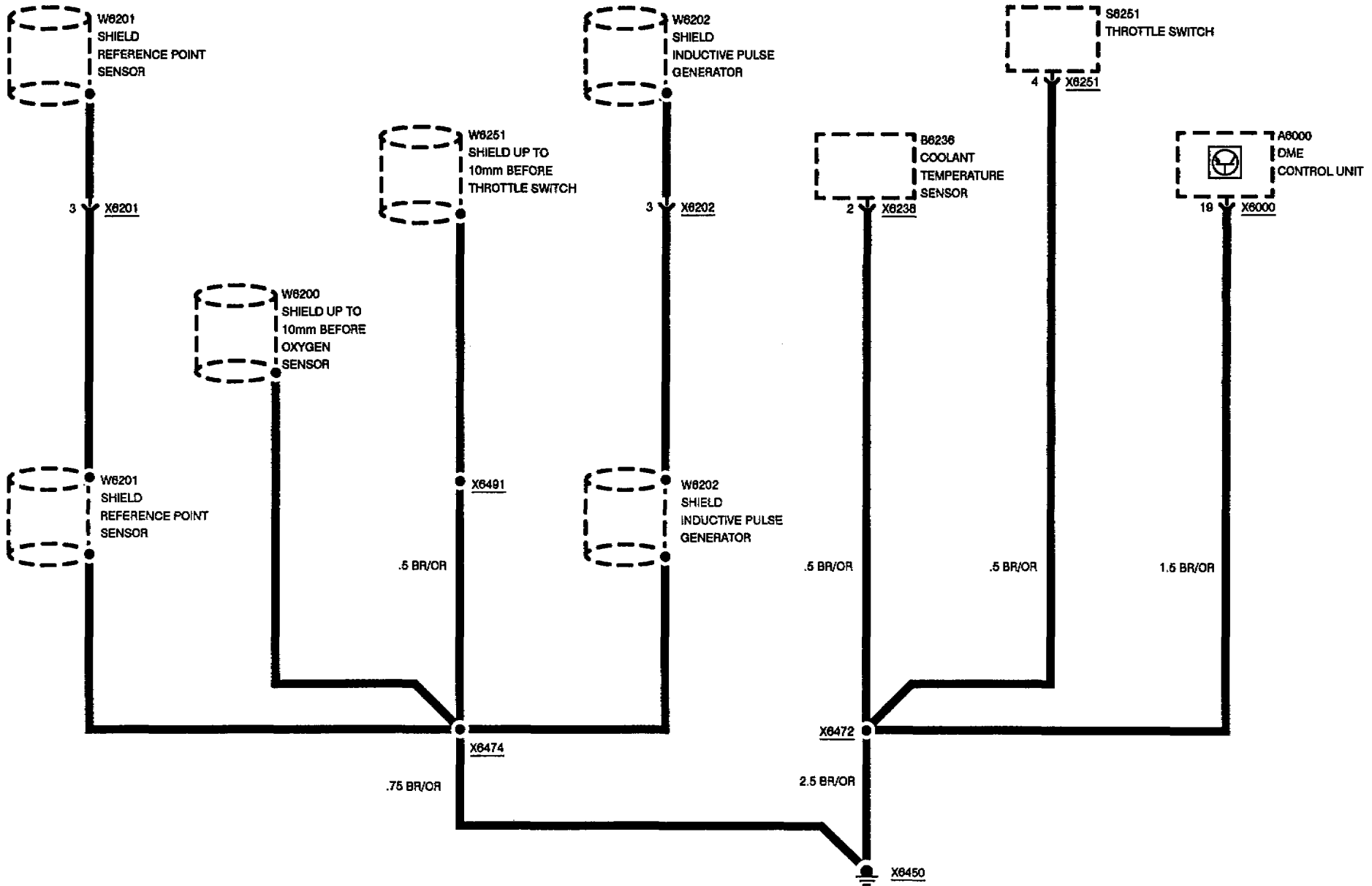
1991



GROUND DISTRIBUTION

535i

GROUND X6450 WITHOUT EML, WITH EGS

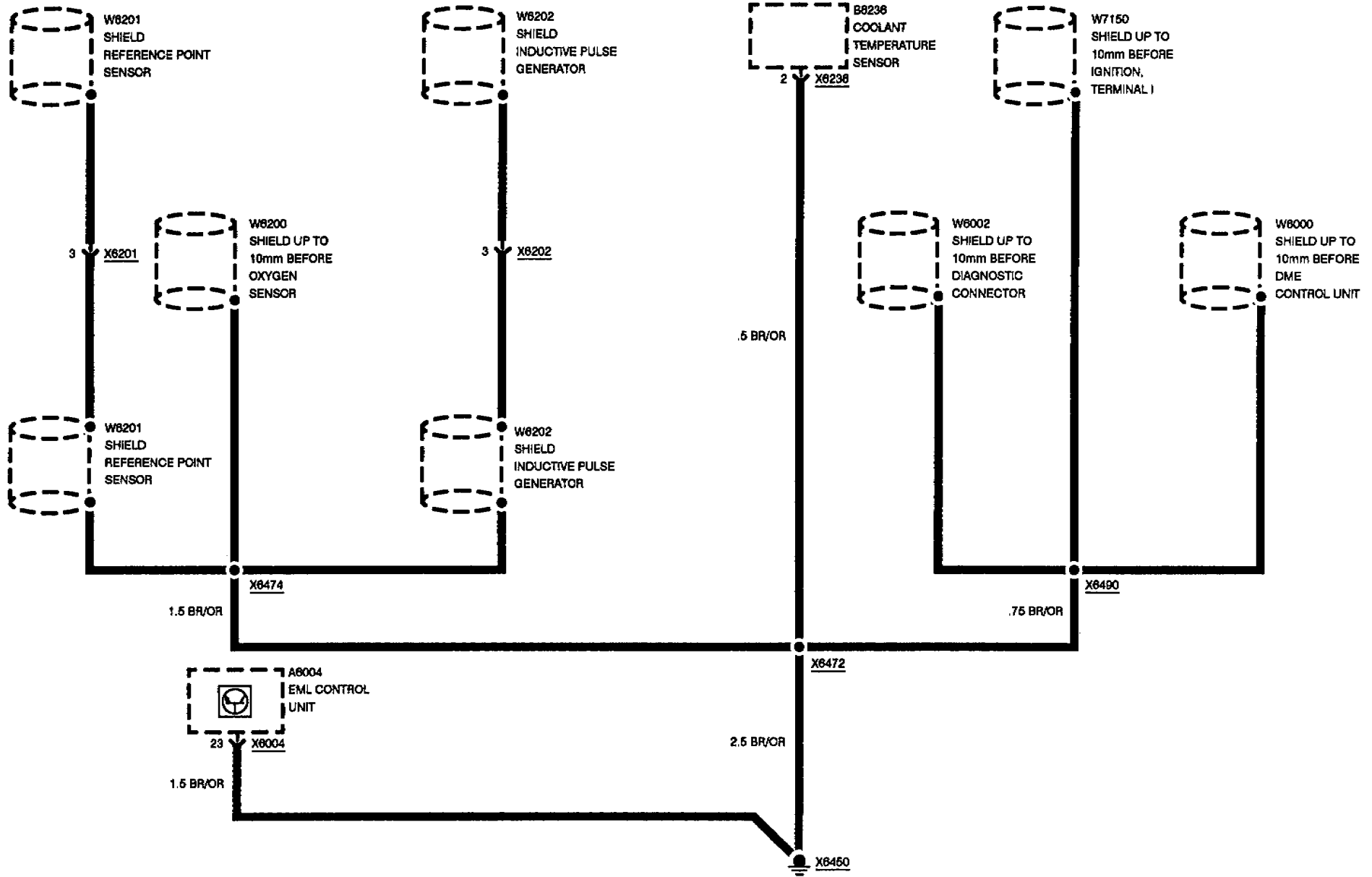




GROUND DISTRIBUTION

GROUND X6450 WITH EML

535i

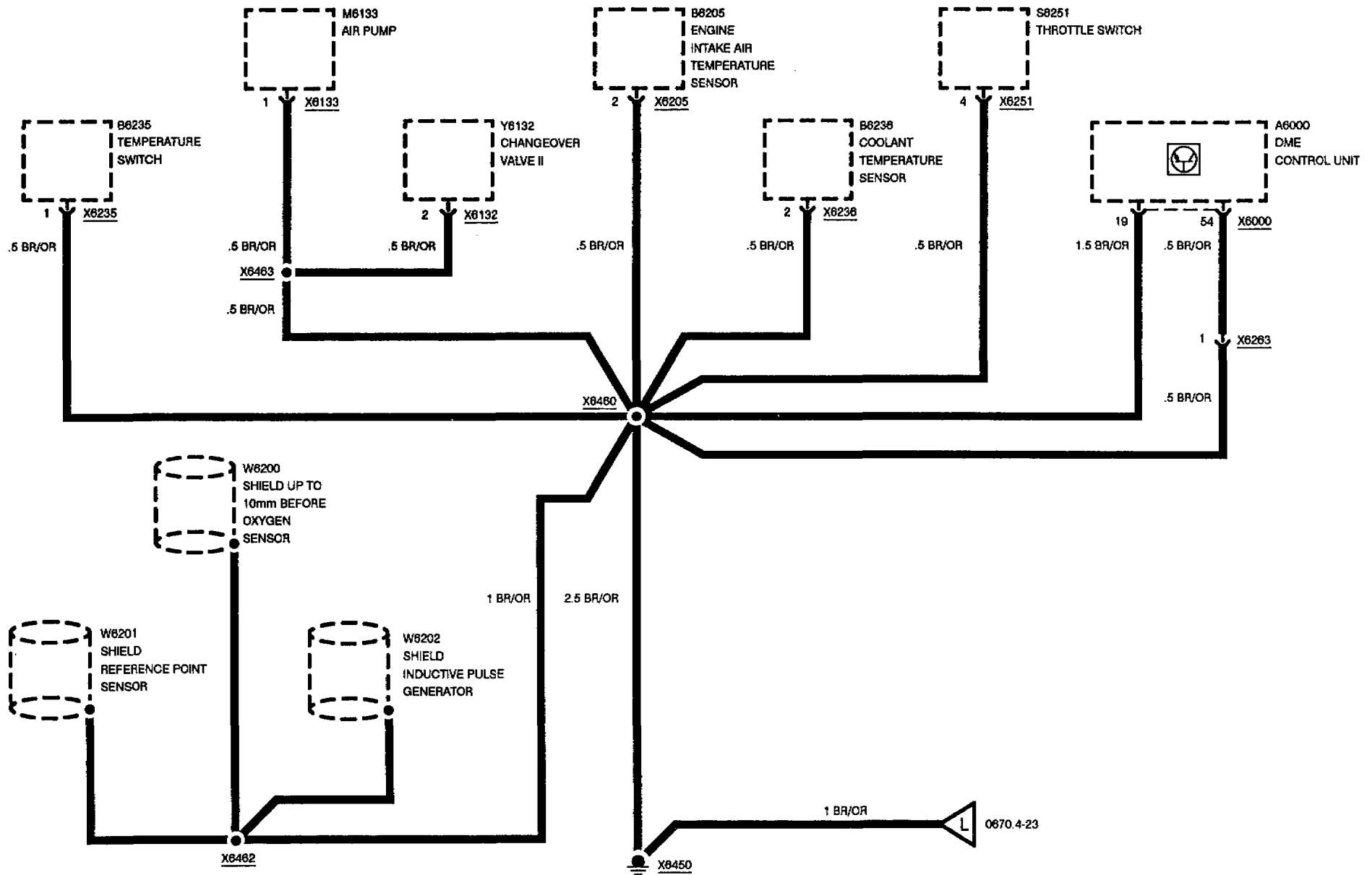




GROUND DISTRIBUTION

M5

GROUND X6450



02/92

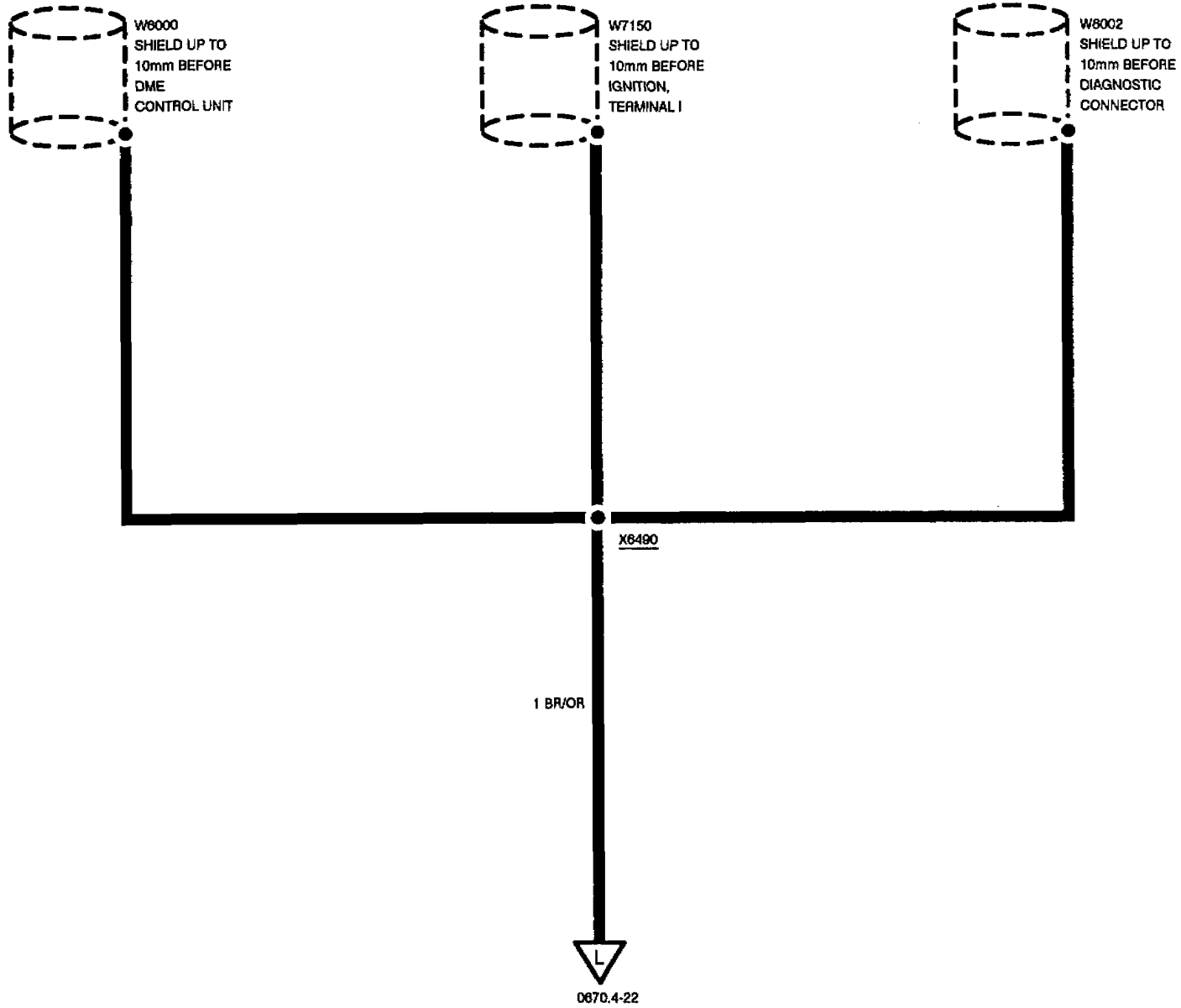
0670.4-22

1991



GROUND DISTRIBUTION

M5

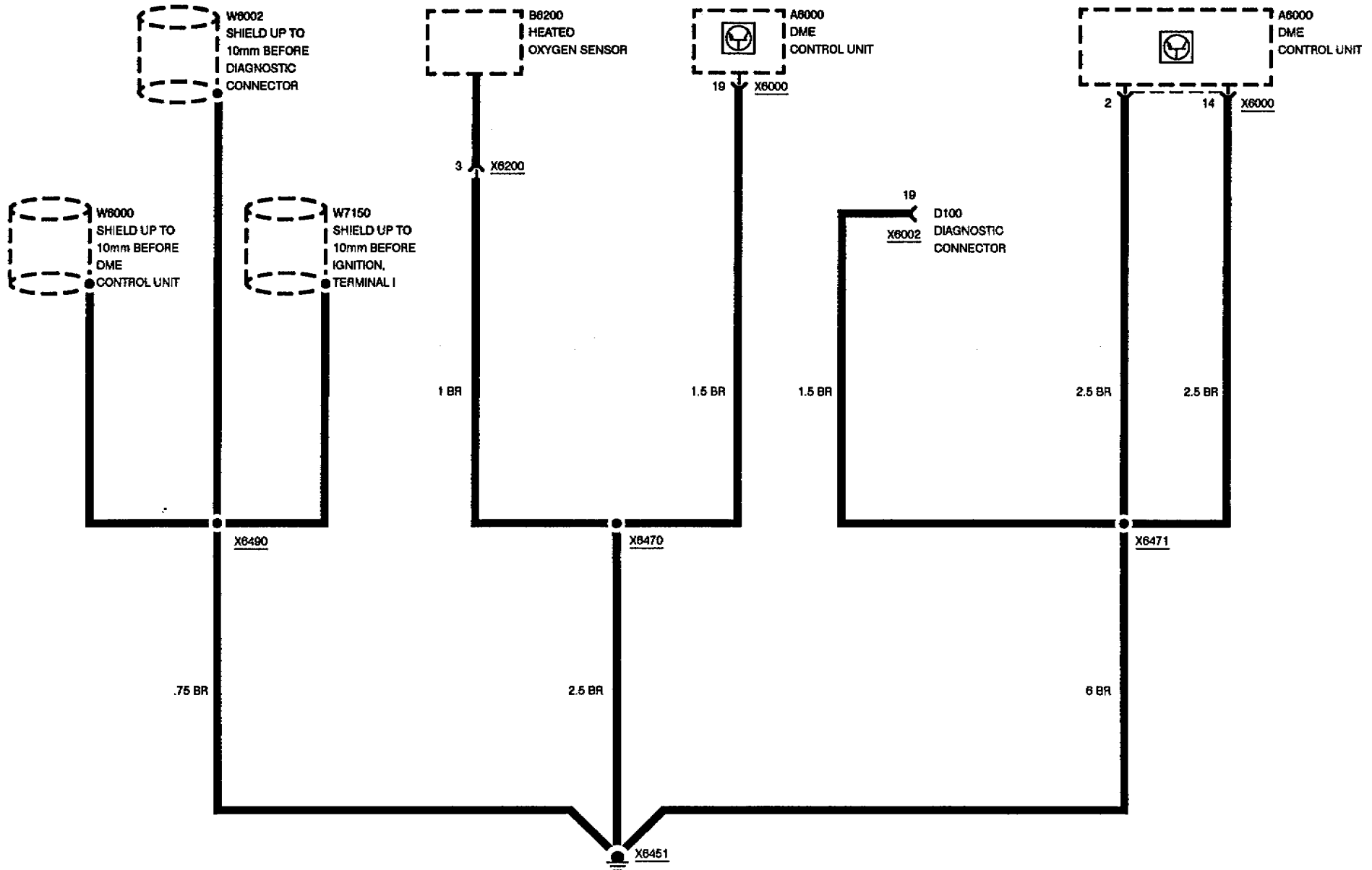




GROUND DISTRIBUTION

GROUND X6451 WITHOUT EML

535i



02/92

0670.4-24

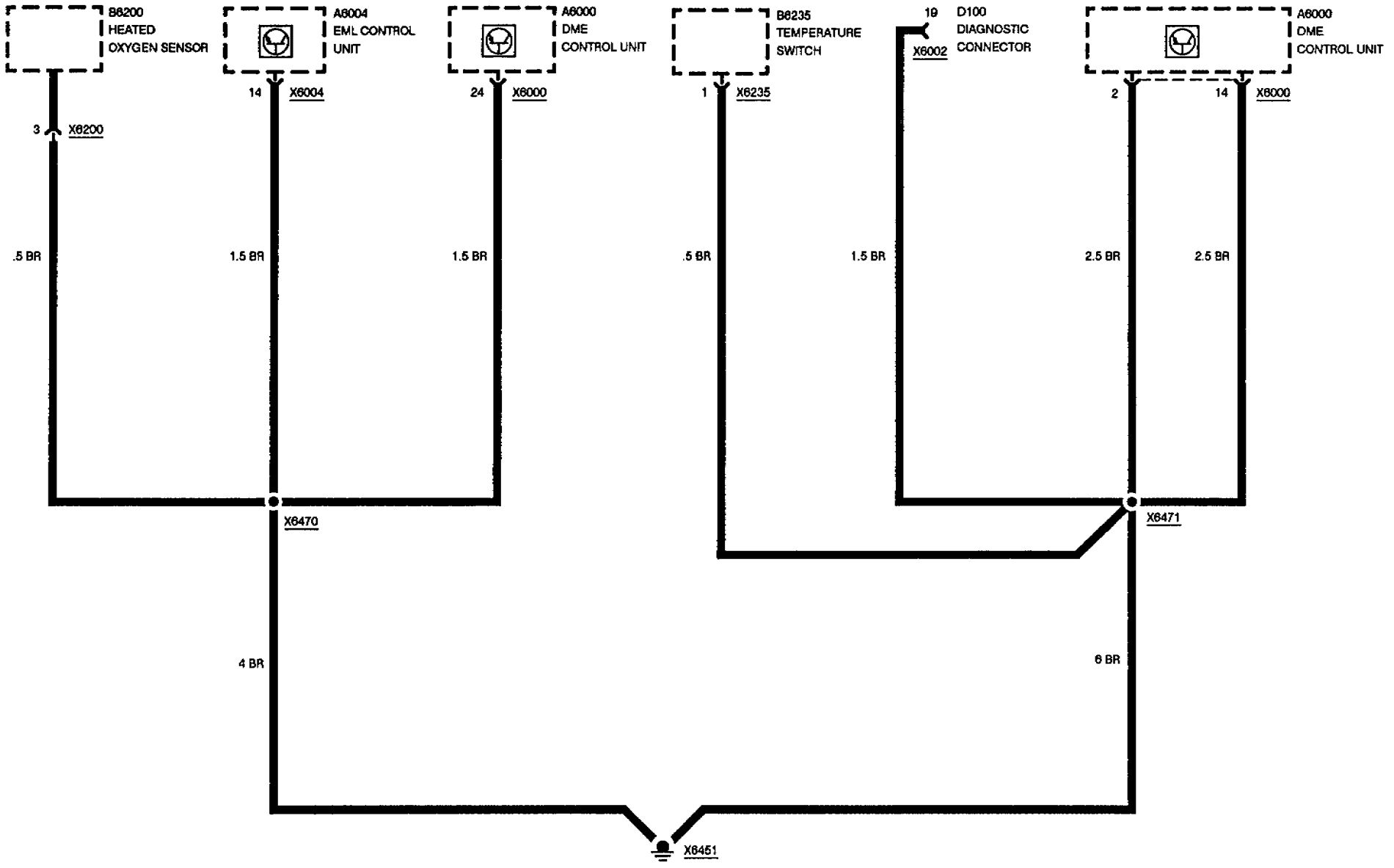
1991



GROUND DISTRIBUTION

535i

GROUND X6451 WITH EML



02/92

0670.4-25

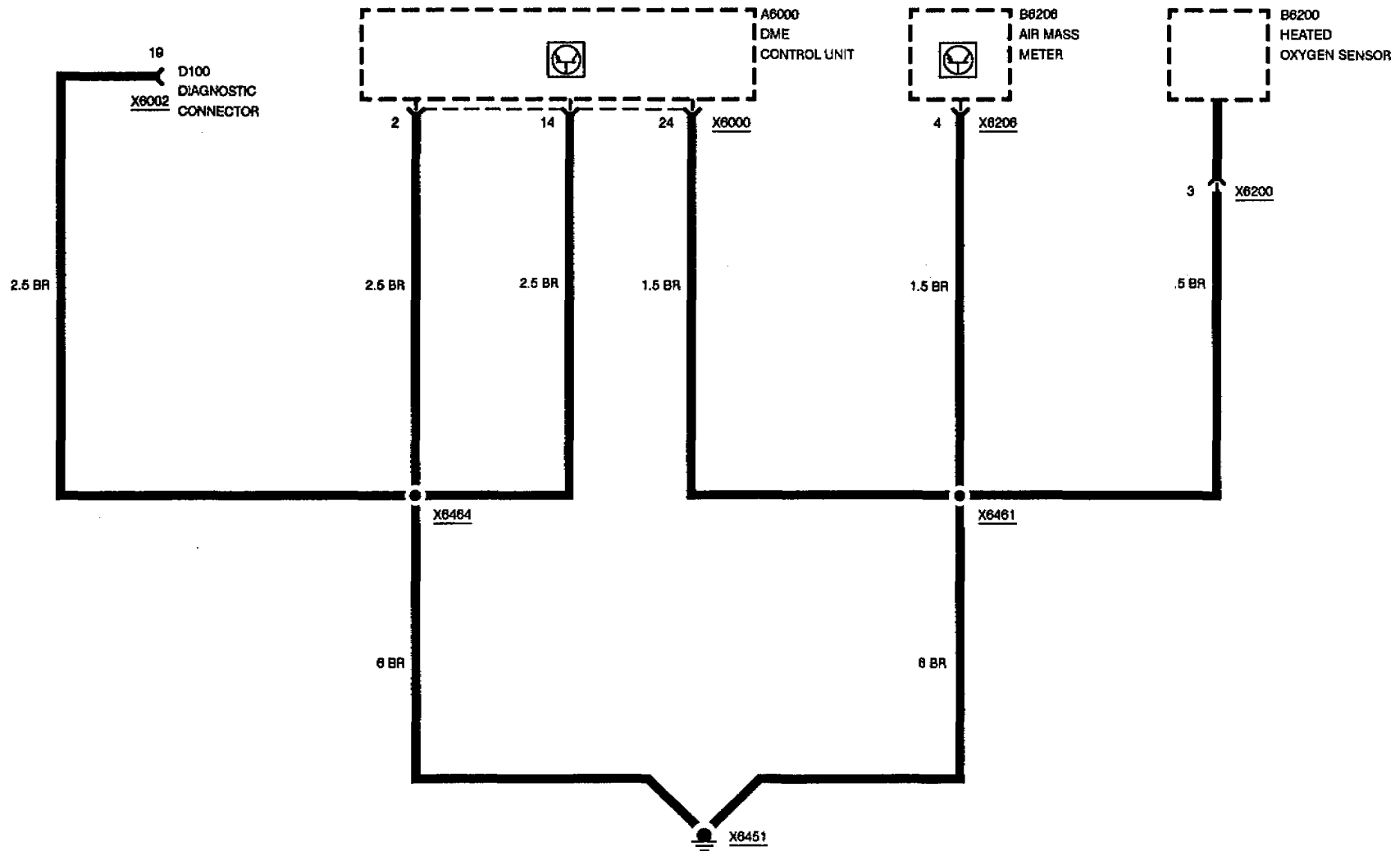
1991



GROUND DISTRIBUTION

M5

GROUND X6451



02/92

0670.4-26

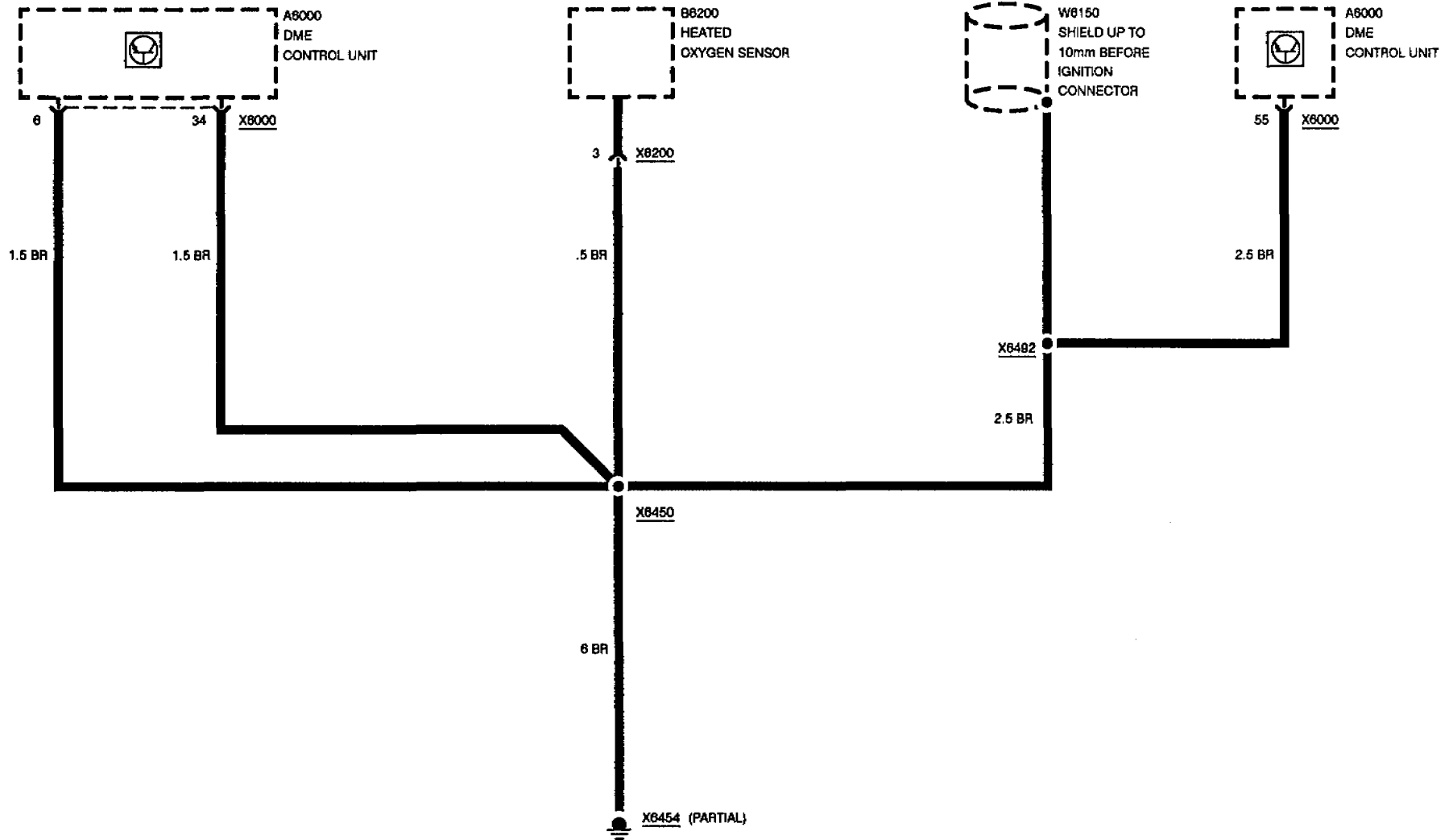
1991



GROUND DISTRIBUTION

GROUND X6454

525i

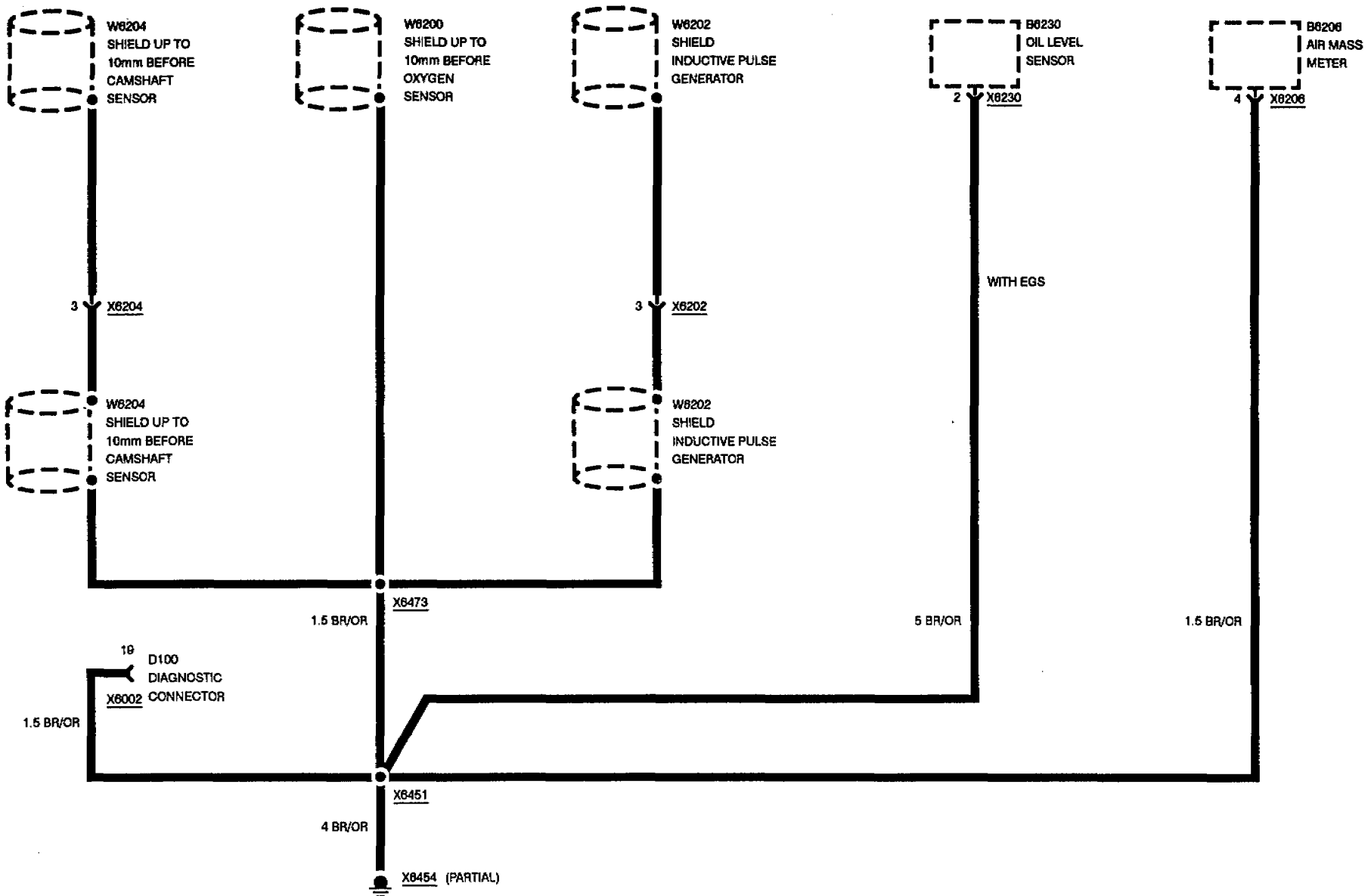




GROUND DISTRIBUTION

525i

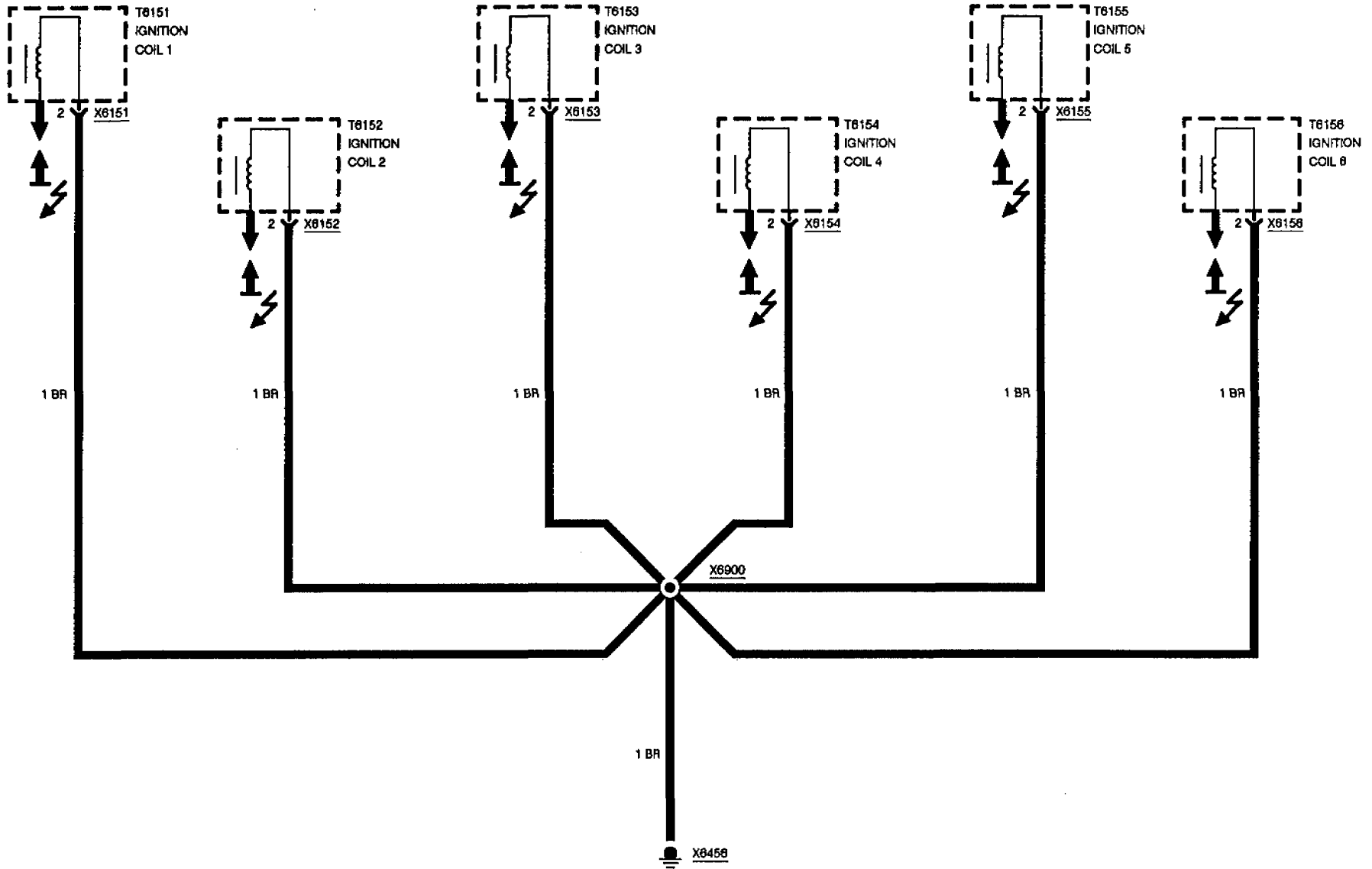
GROUND X6454



02/92

0670.4-28

1991

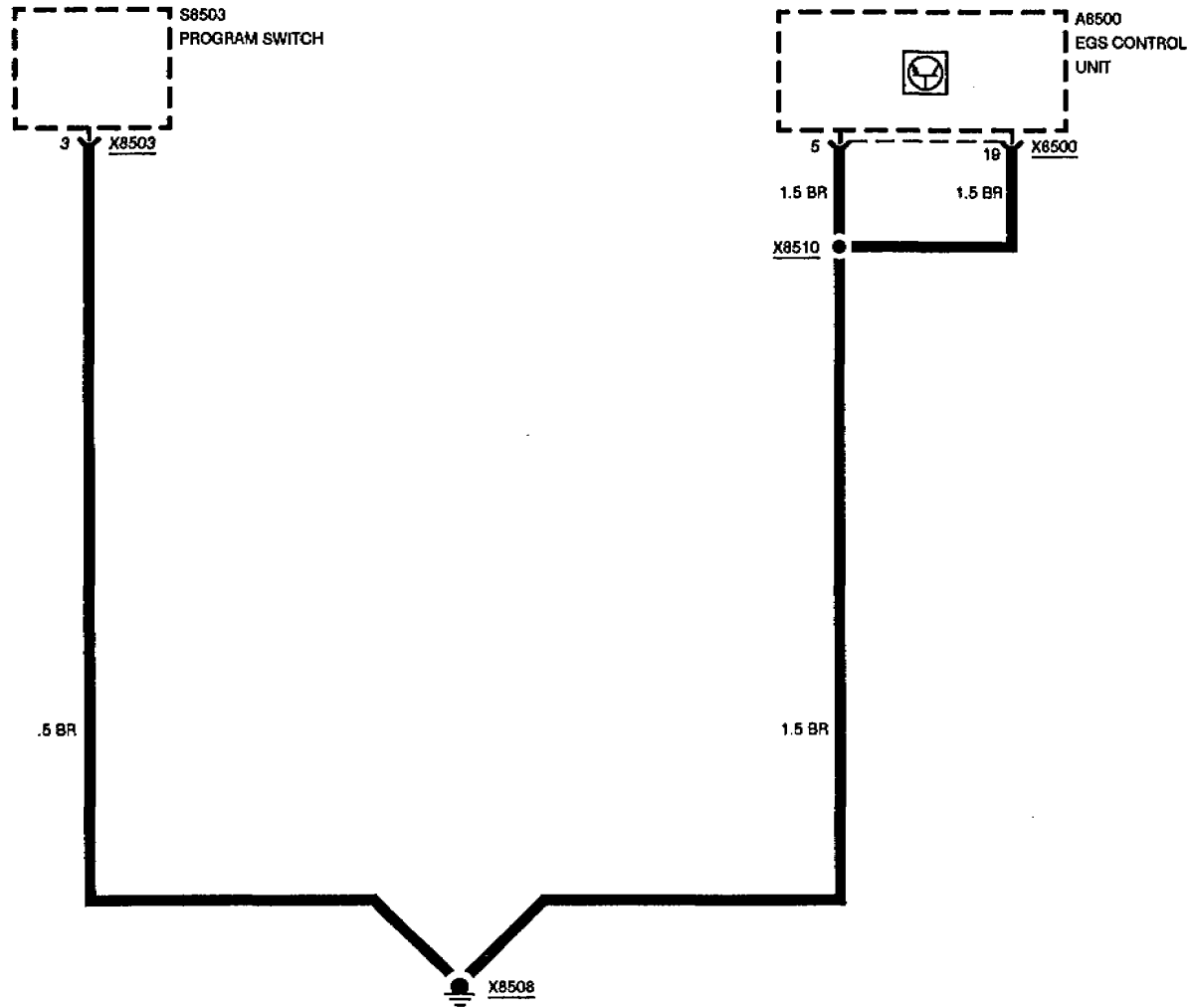




GROUND DISTRIBUTION

GROUND X8508

525i



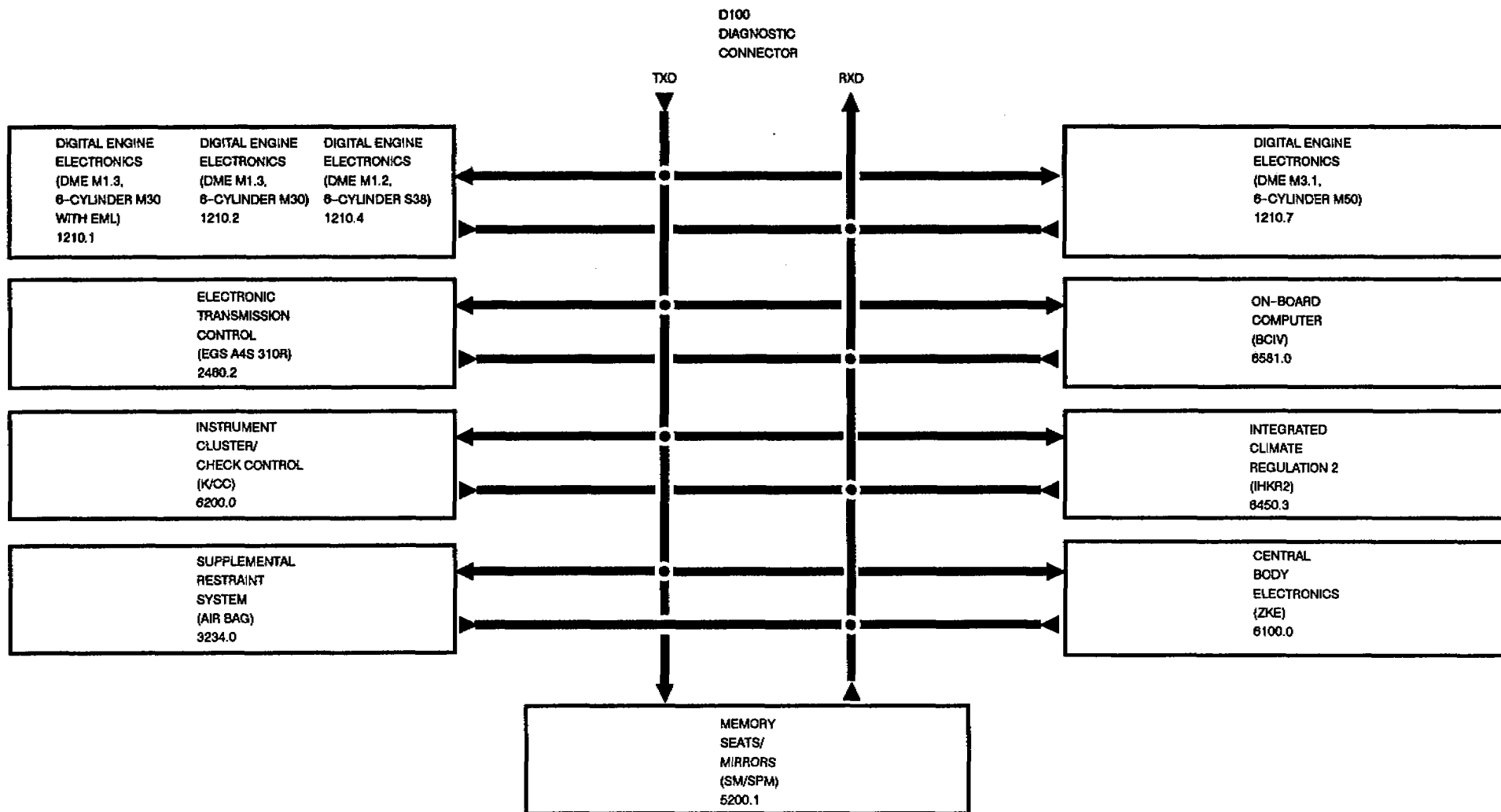
02/92

0670.4-30

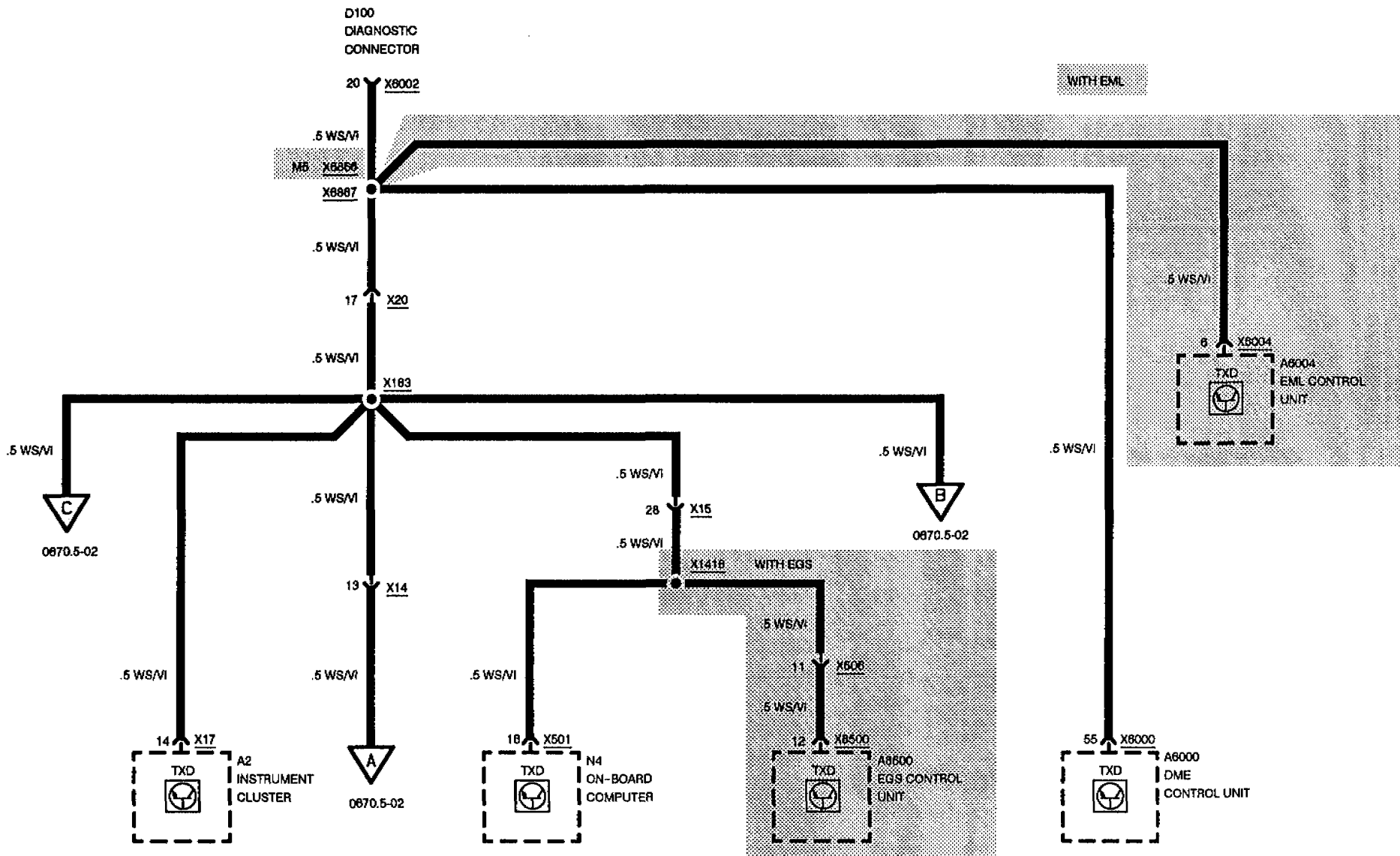
1991



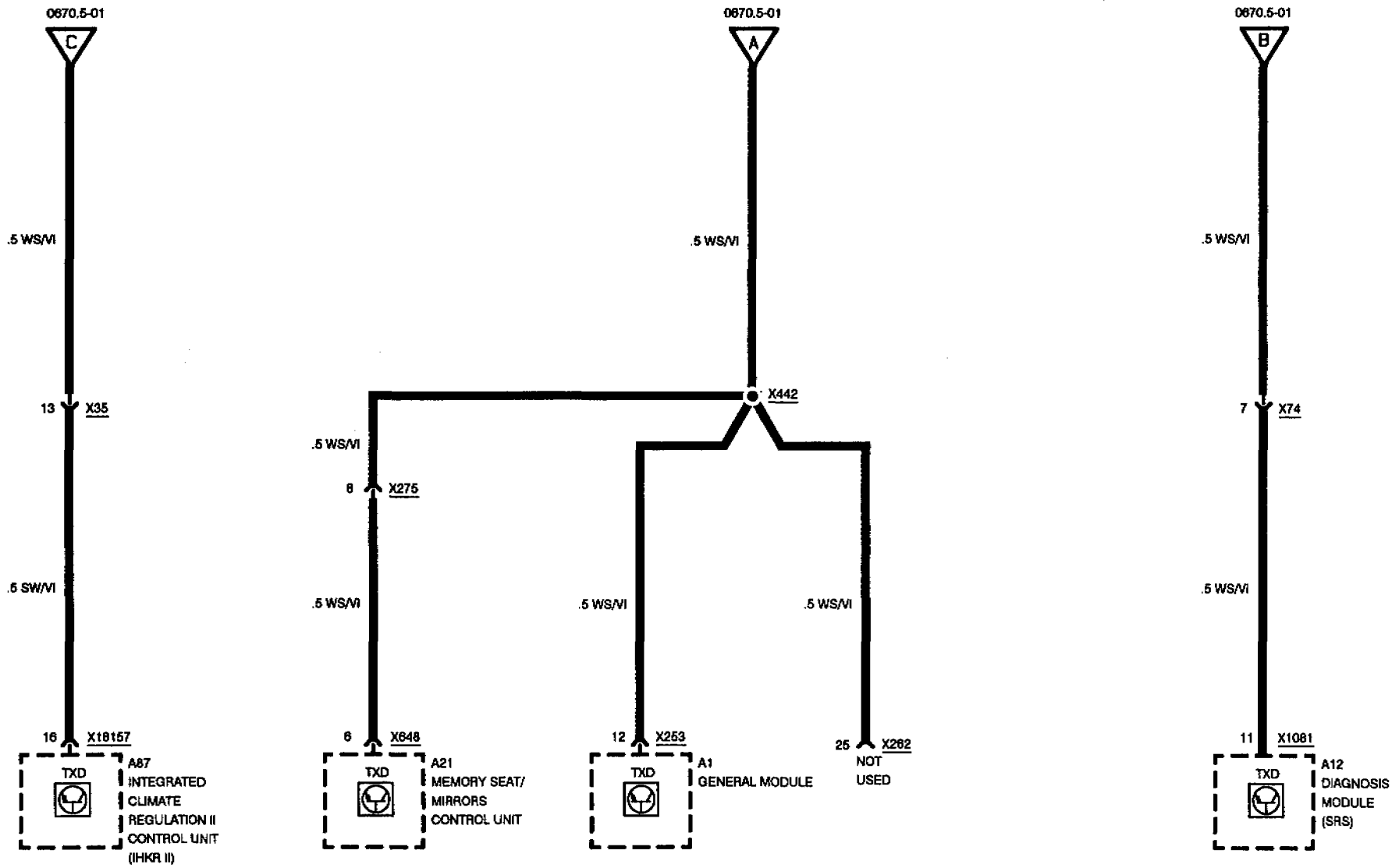
DIAGNOSTIC LINK BLOCK DIAGRAM



BMW
5 **DIAGNOSTIC LINK**
TXD



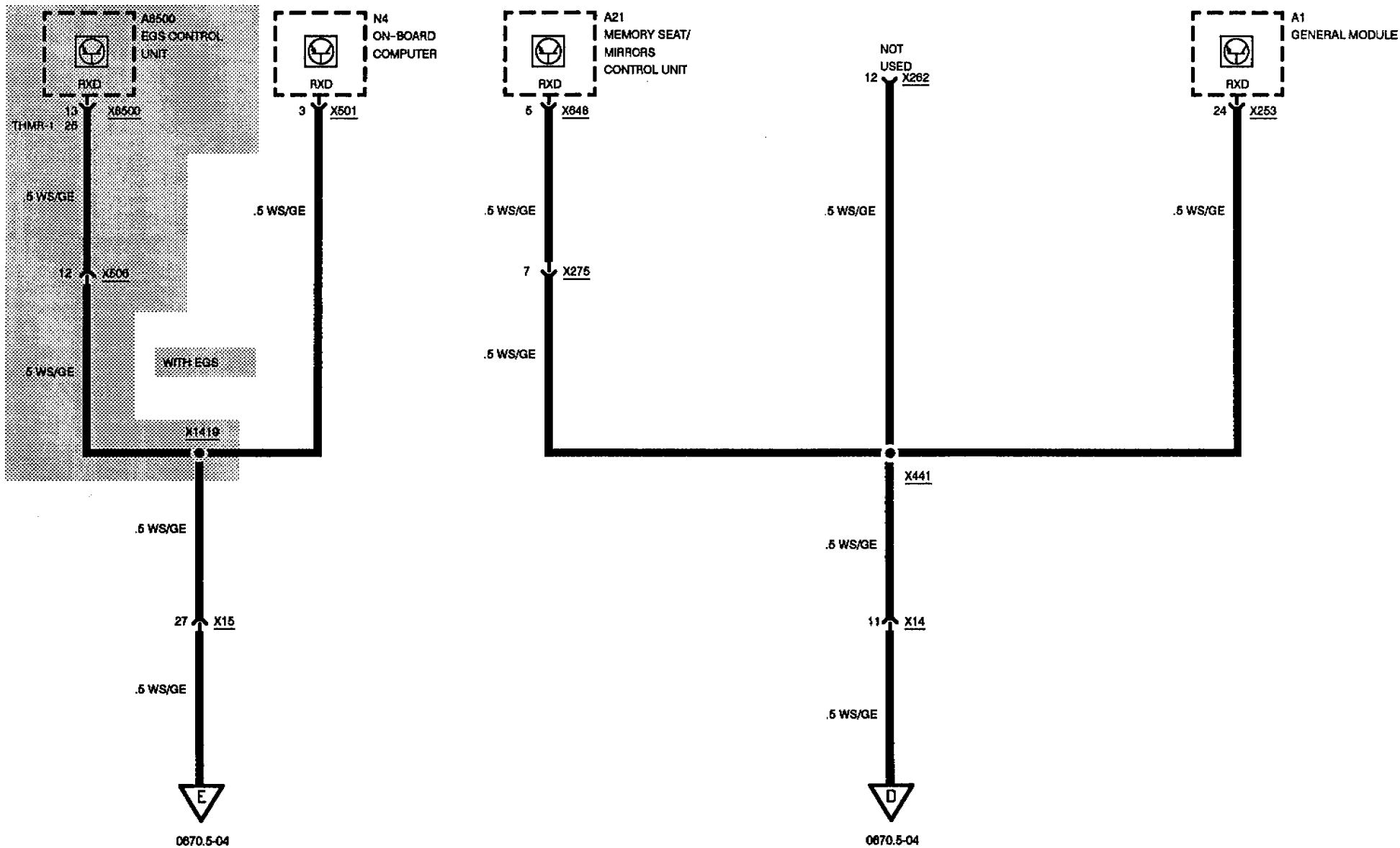
BMW 5 DIAGNOSTIC LINK
TXD





DIAGNOSTIC LINK

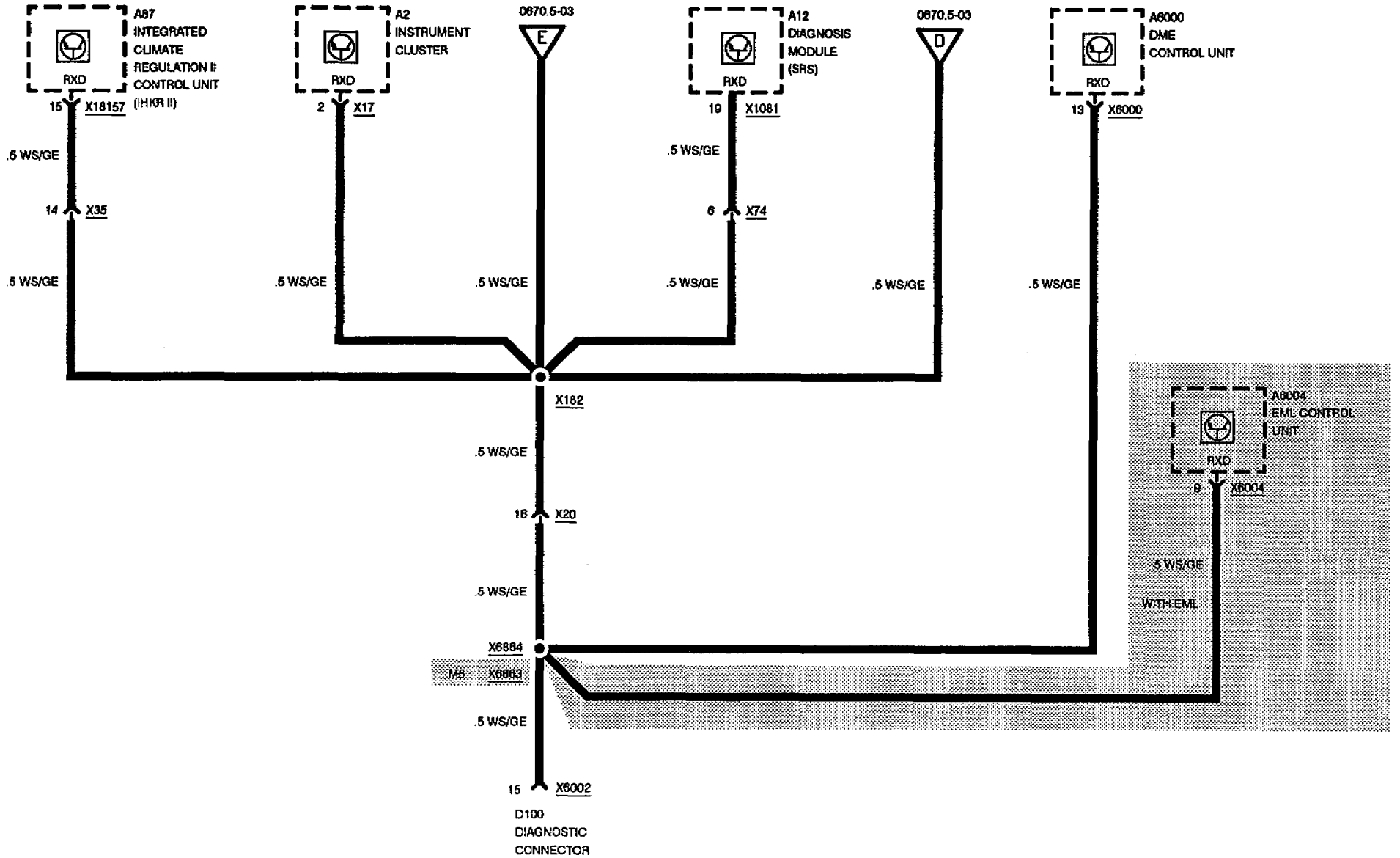
RXD





DIAGNOSTIC LINK

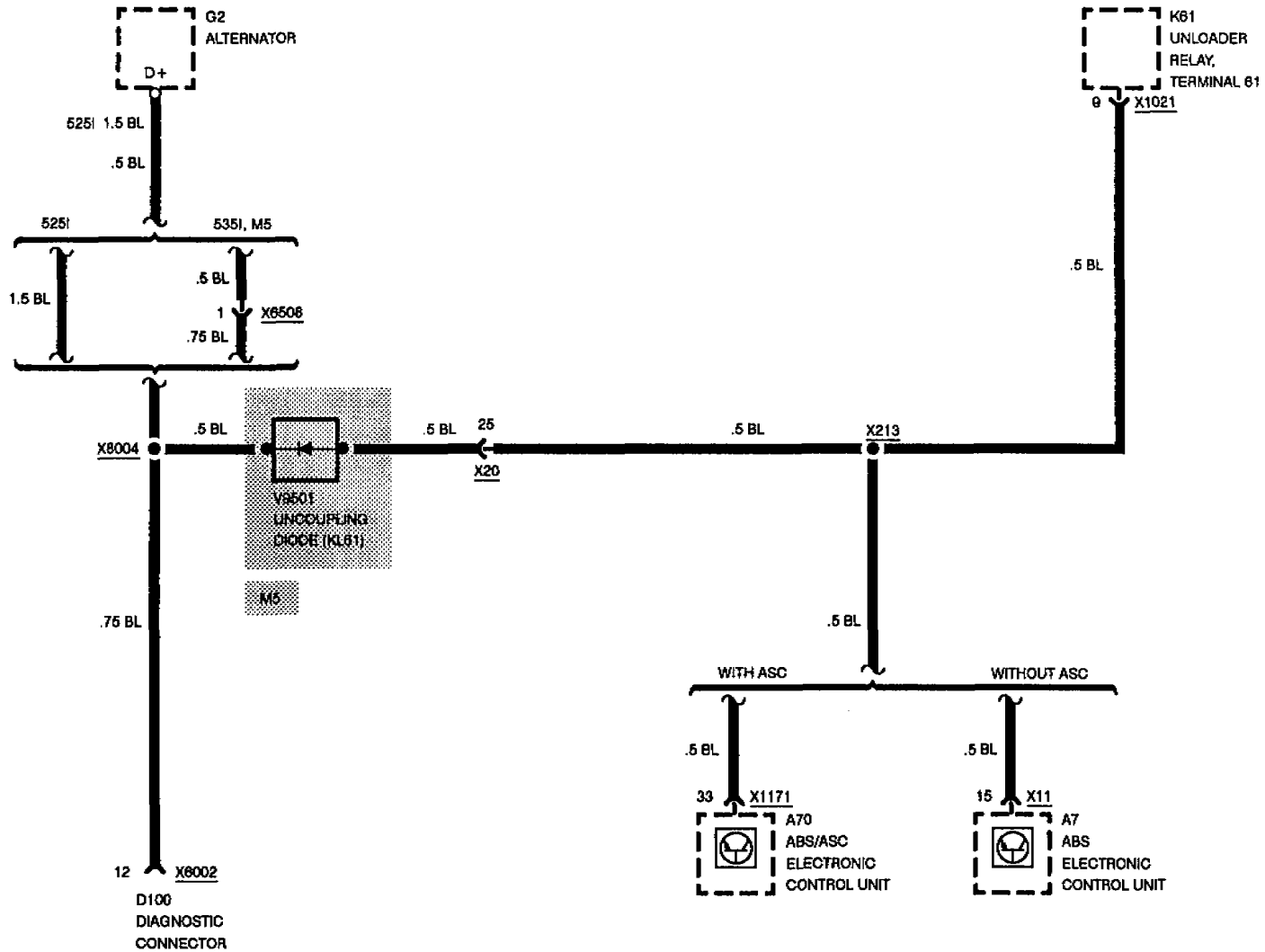
RXD





DIAGNOSTIC LINK

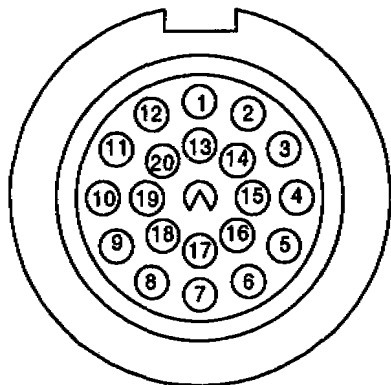
DIAGNOSTIC CONNECTOR PIN 12





DIAGNOSTIC LINK

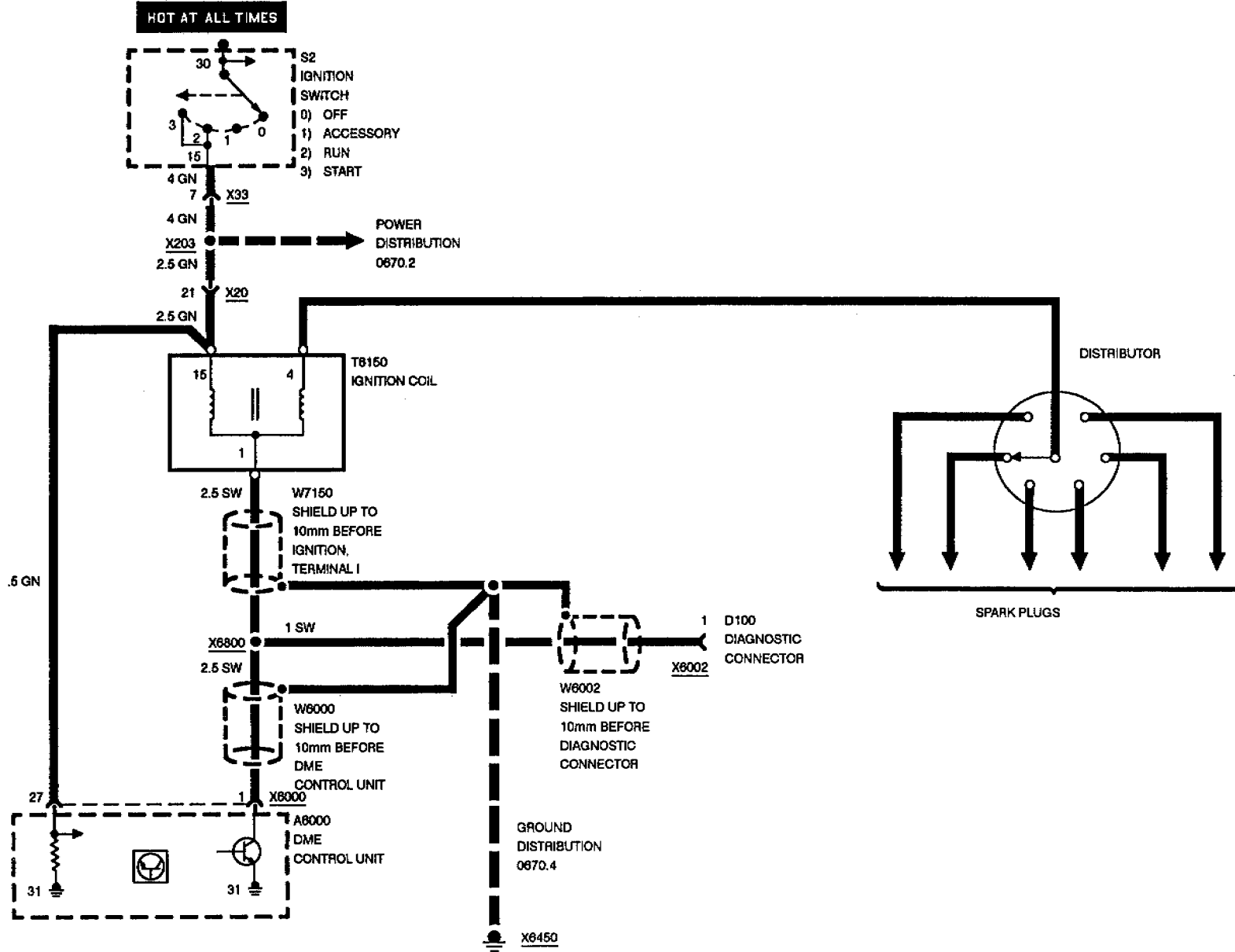
DIAGNOSTIC CONNECTOR (X6002)



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

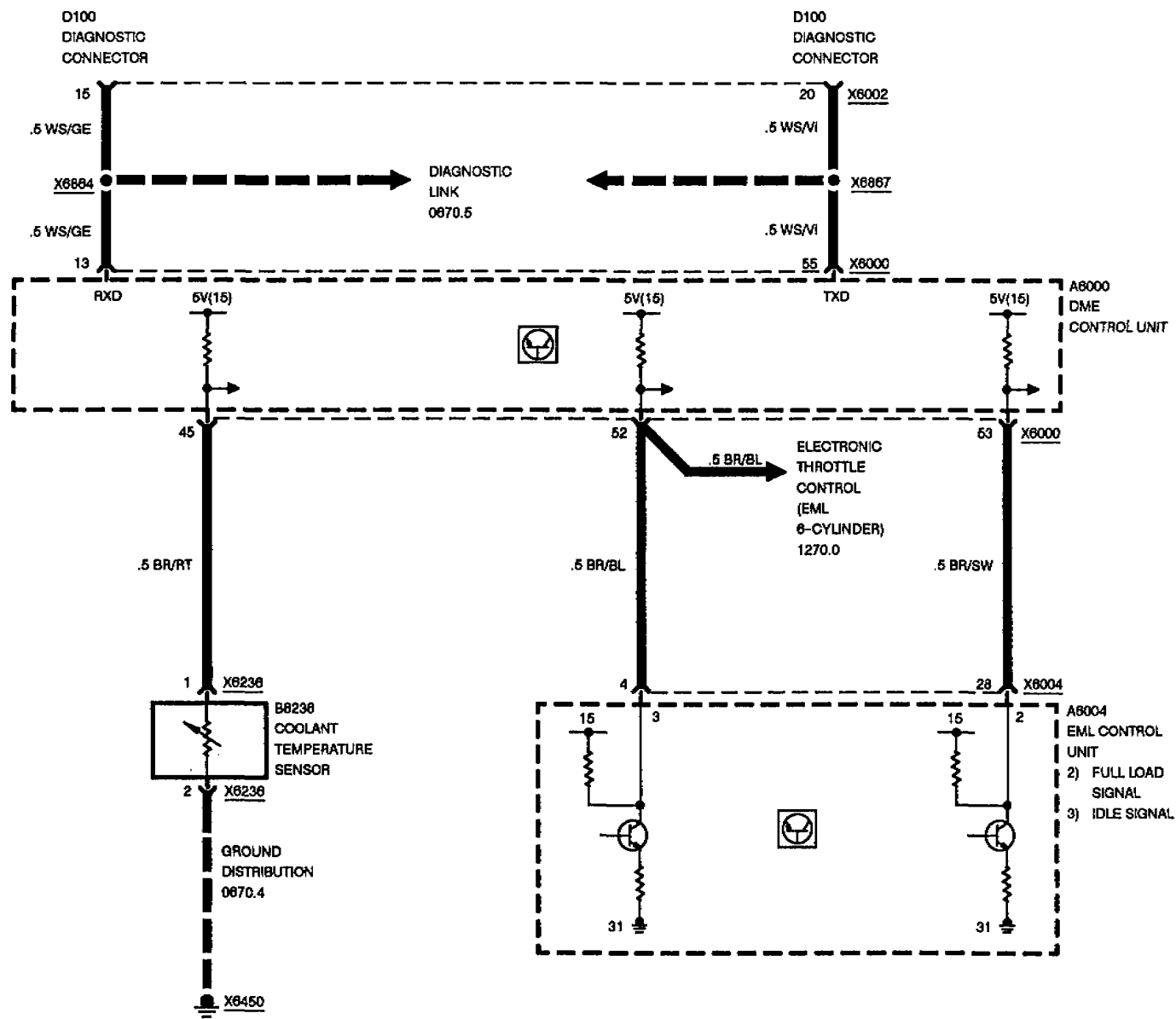


DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)





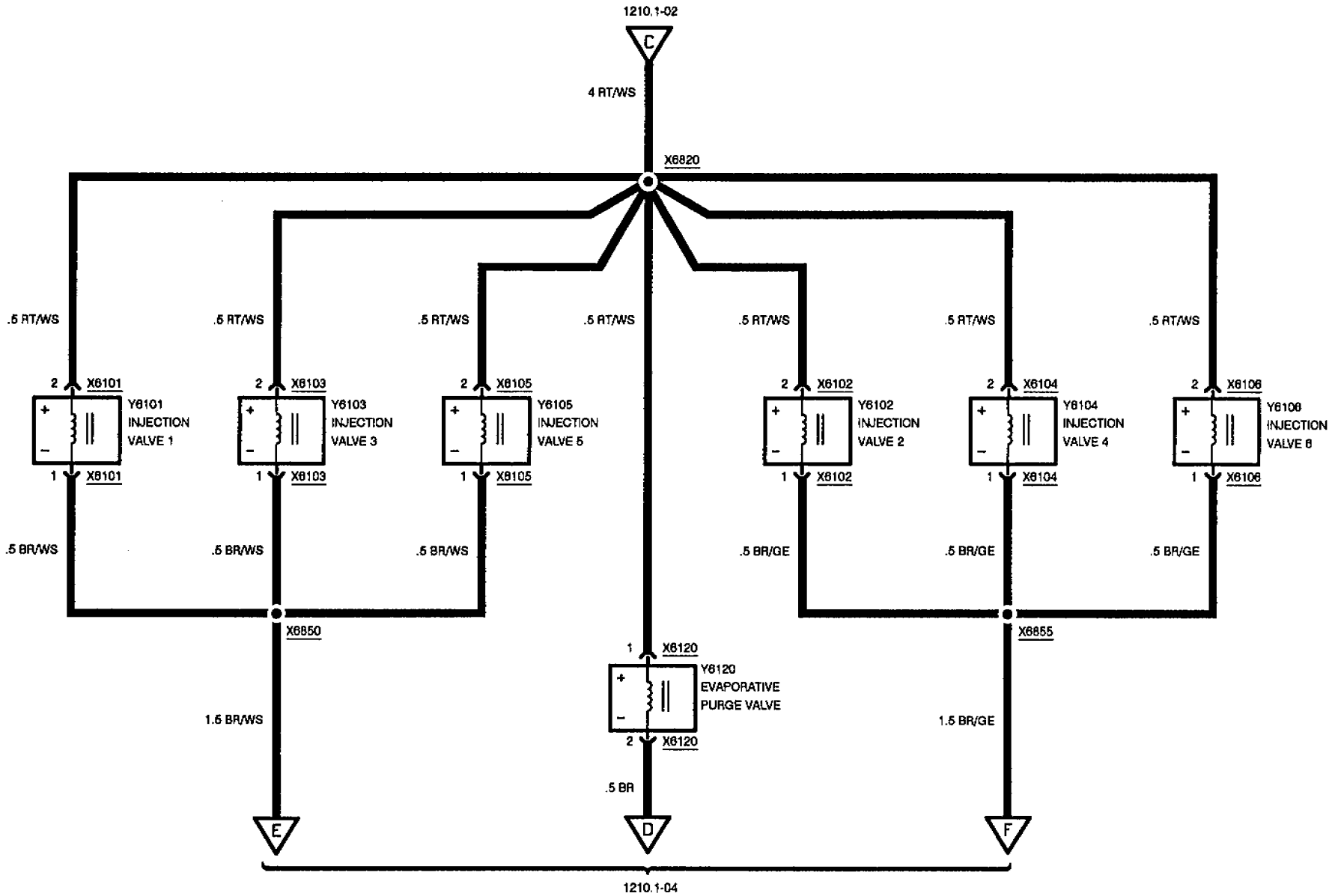
DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)





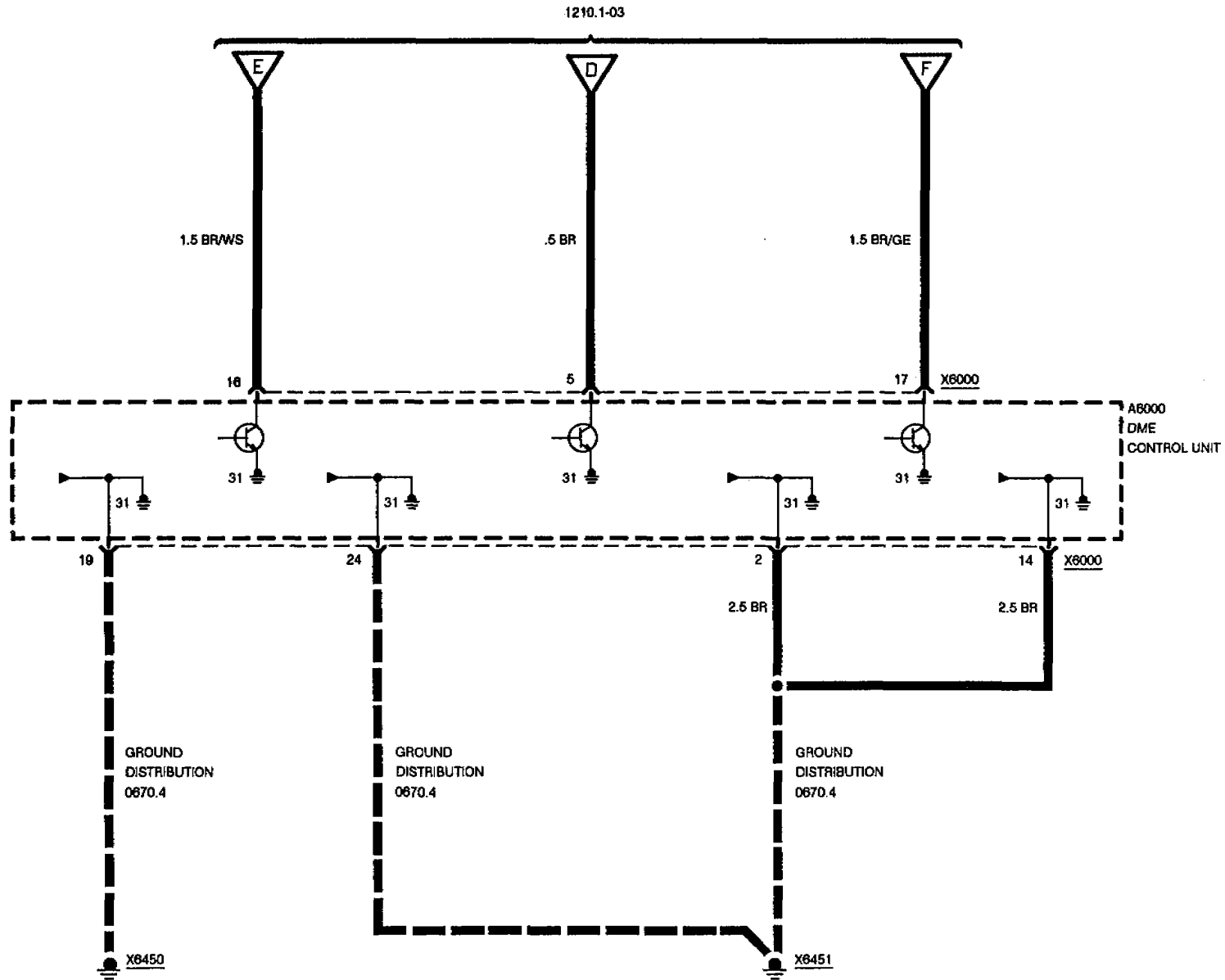
DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)

FUEL INJECTORS



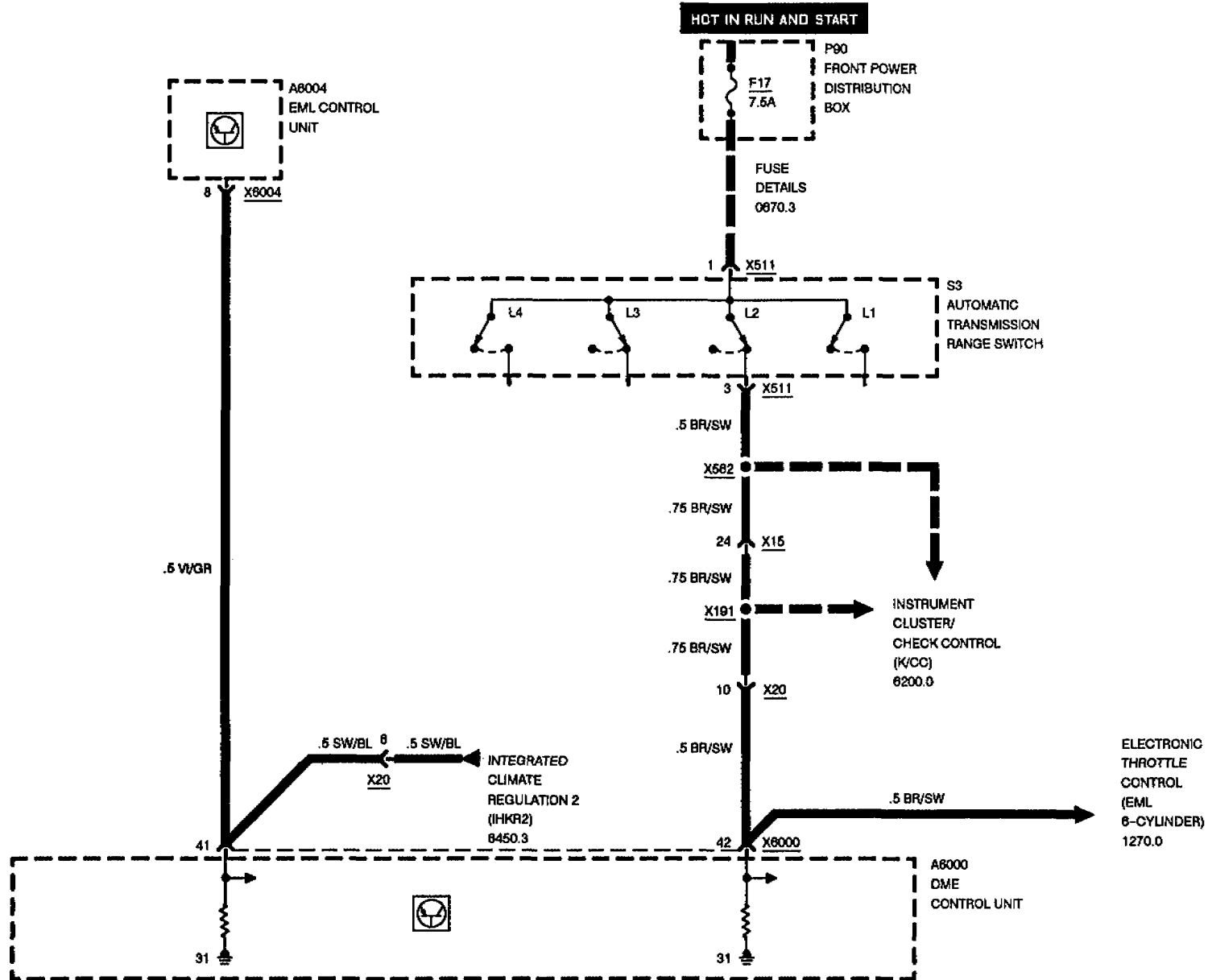


DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)



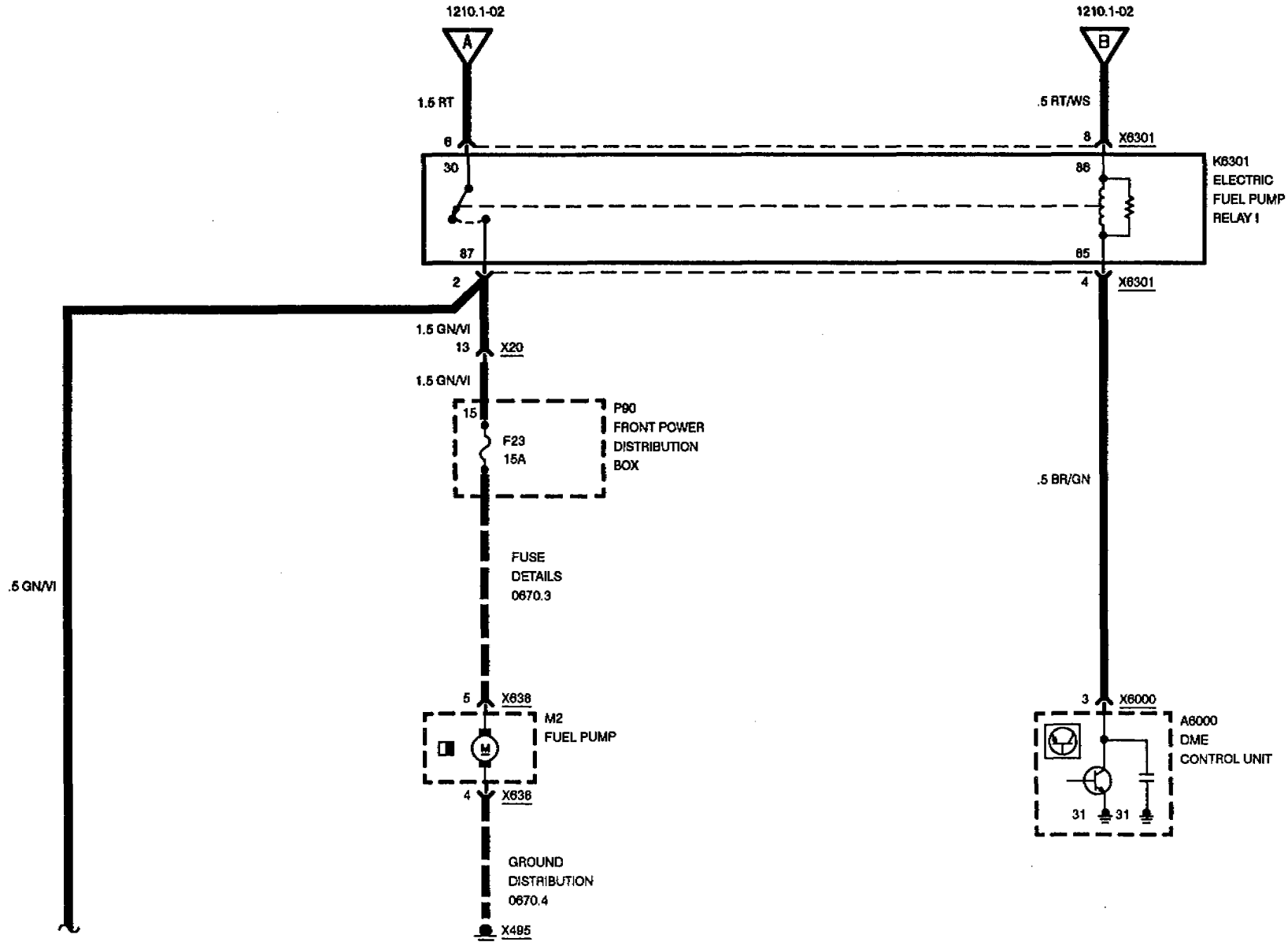


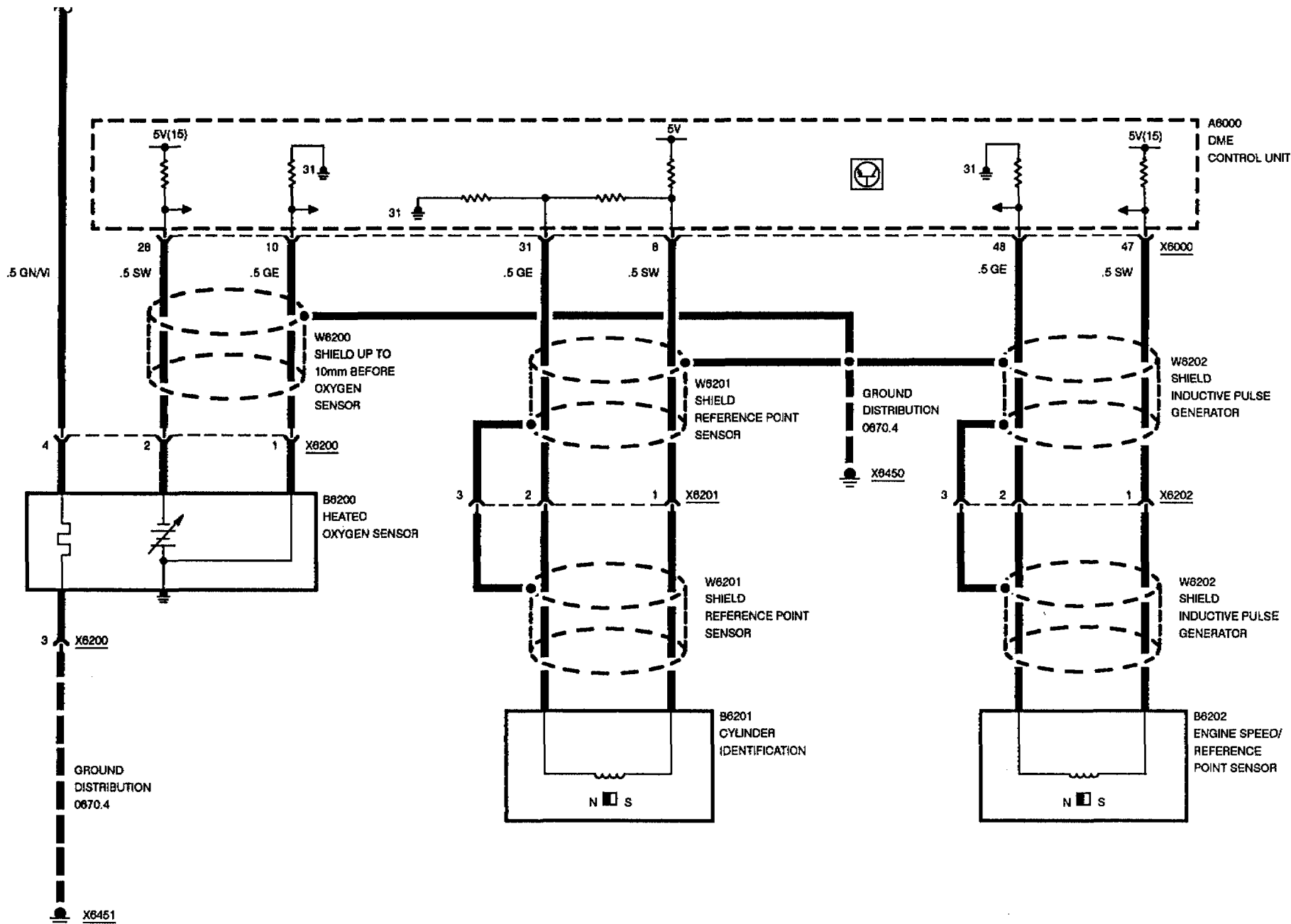
DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)





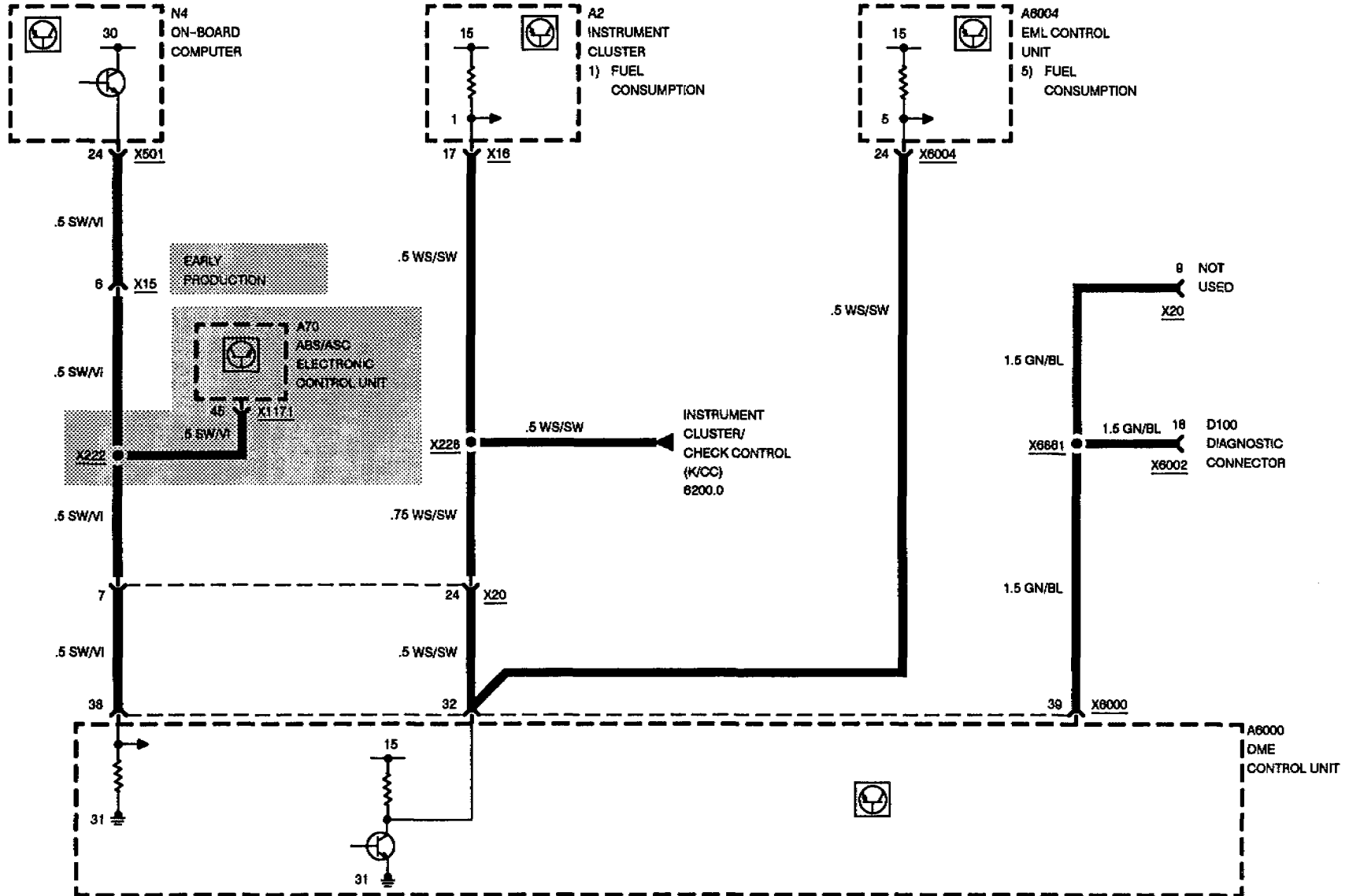
DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)



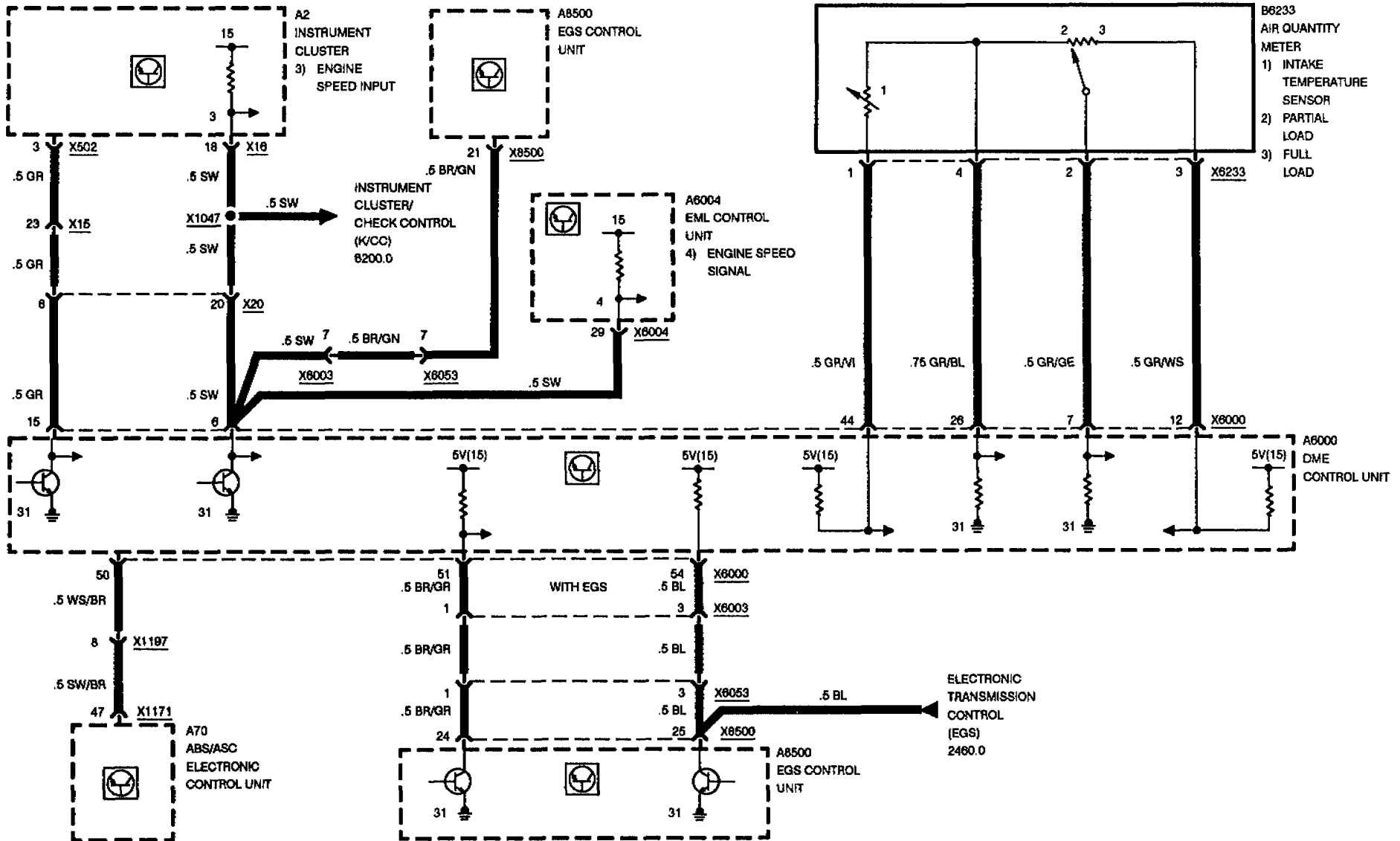


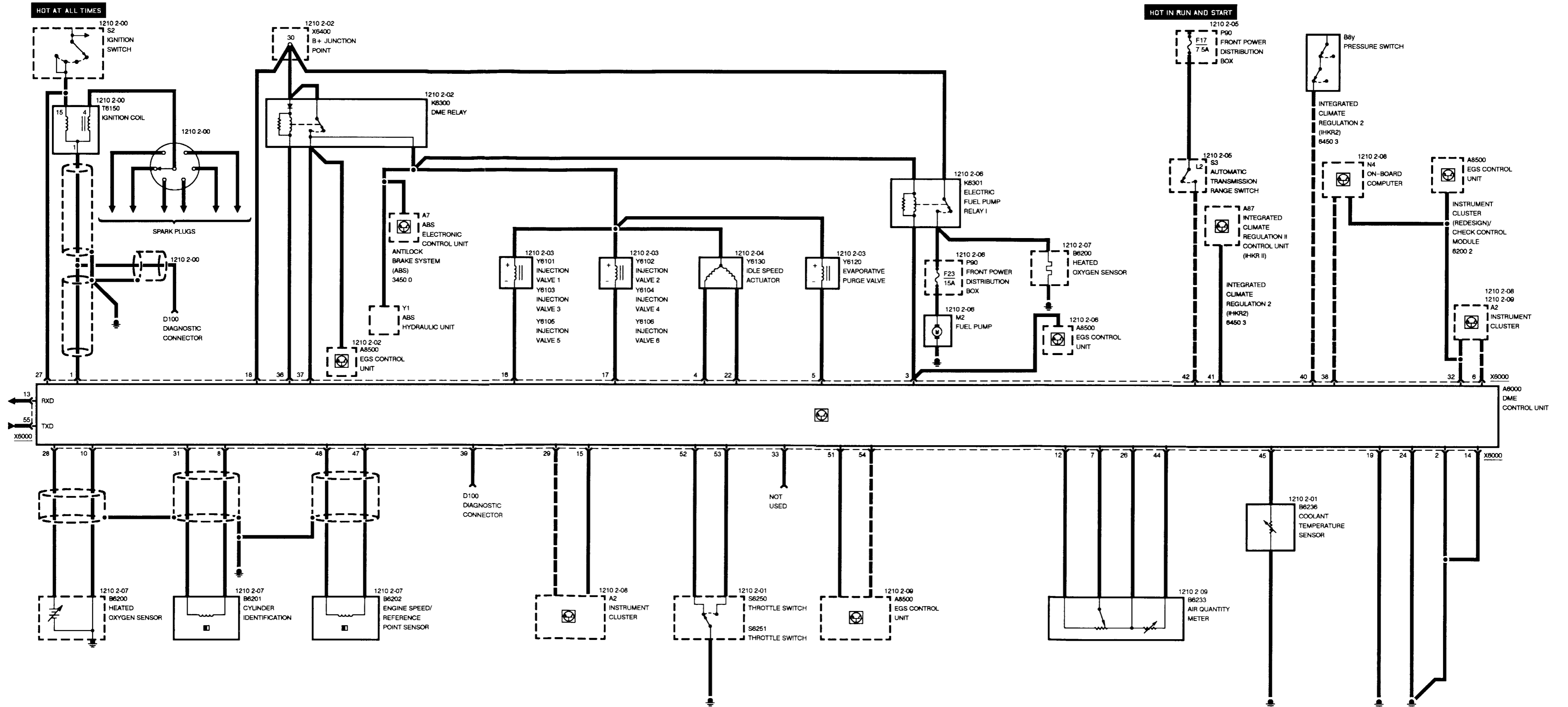


DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)

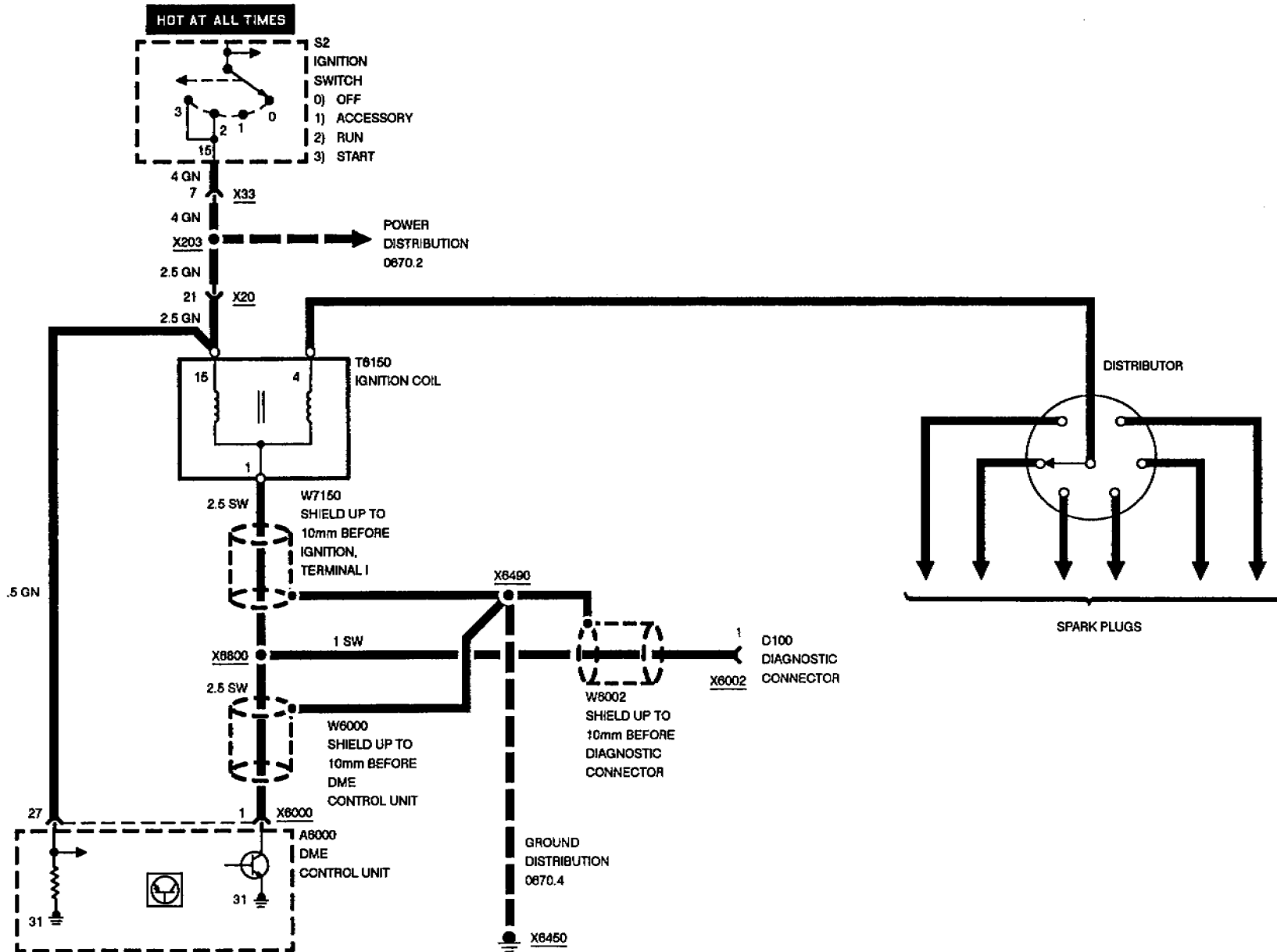


DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30 WITH EML)



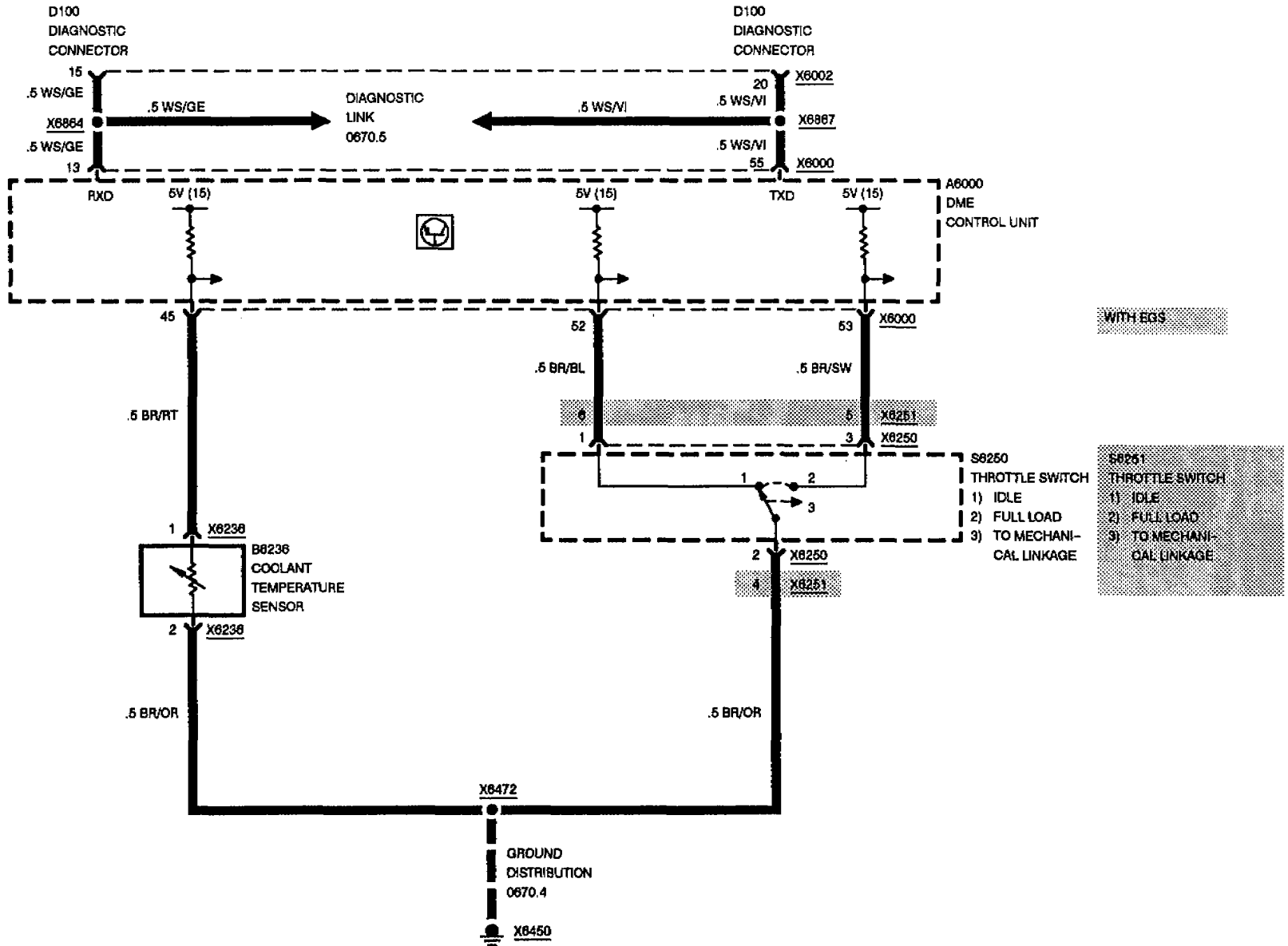


DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)

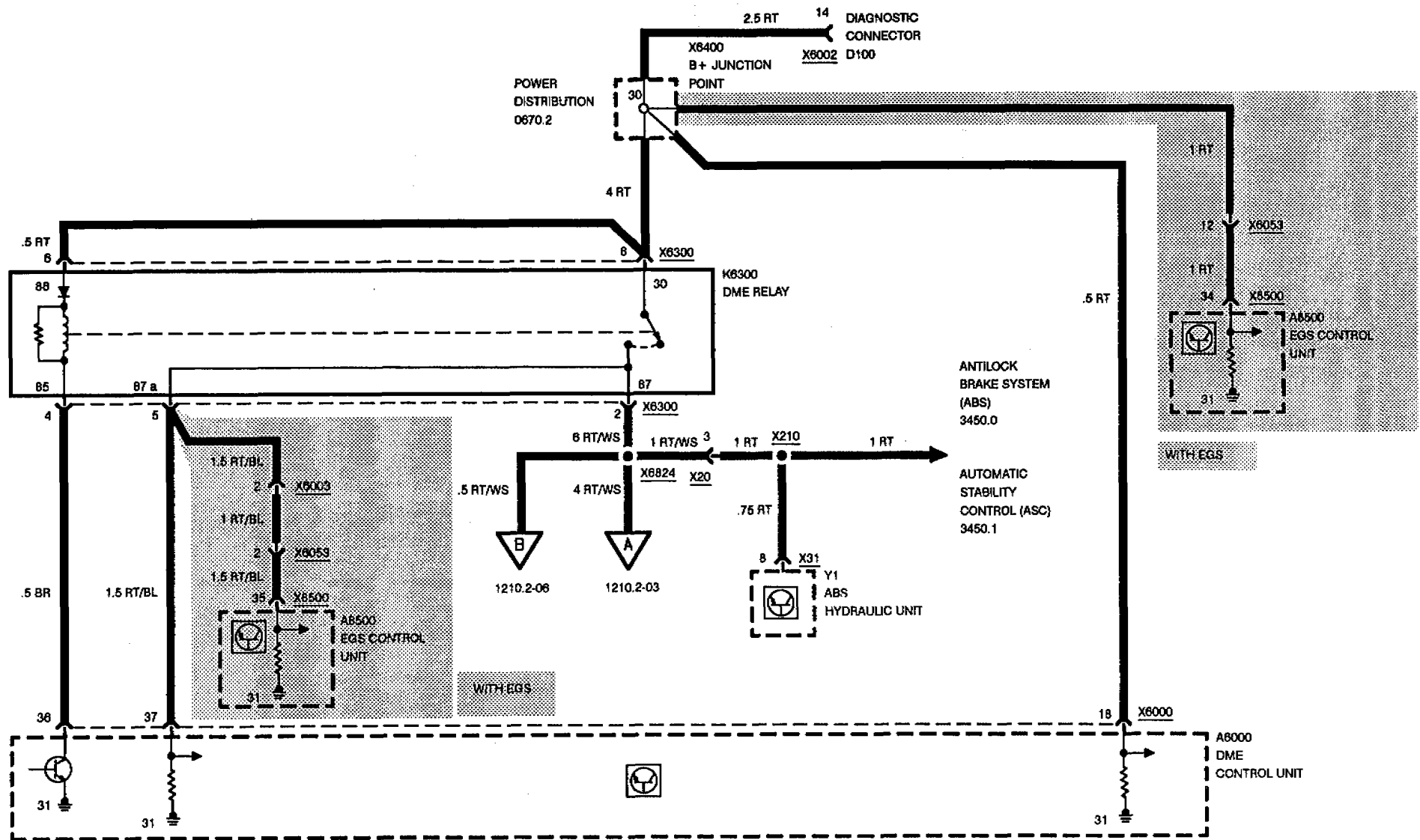




DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)

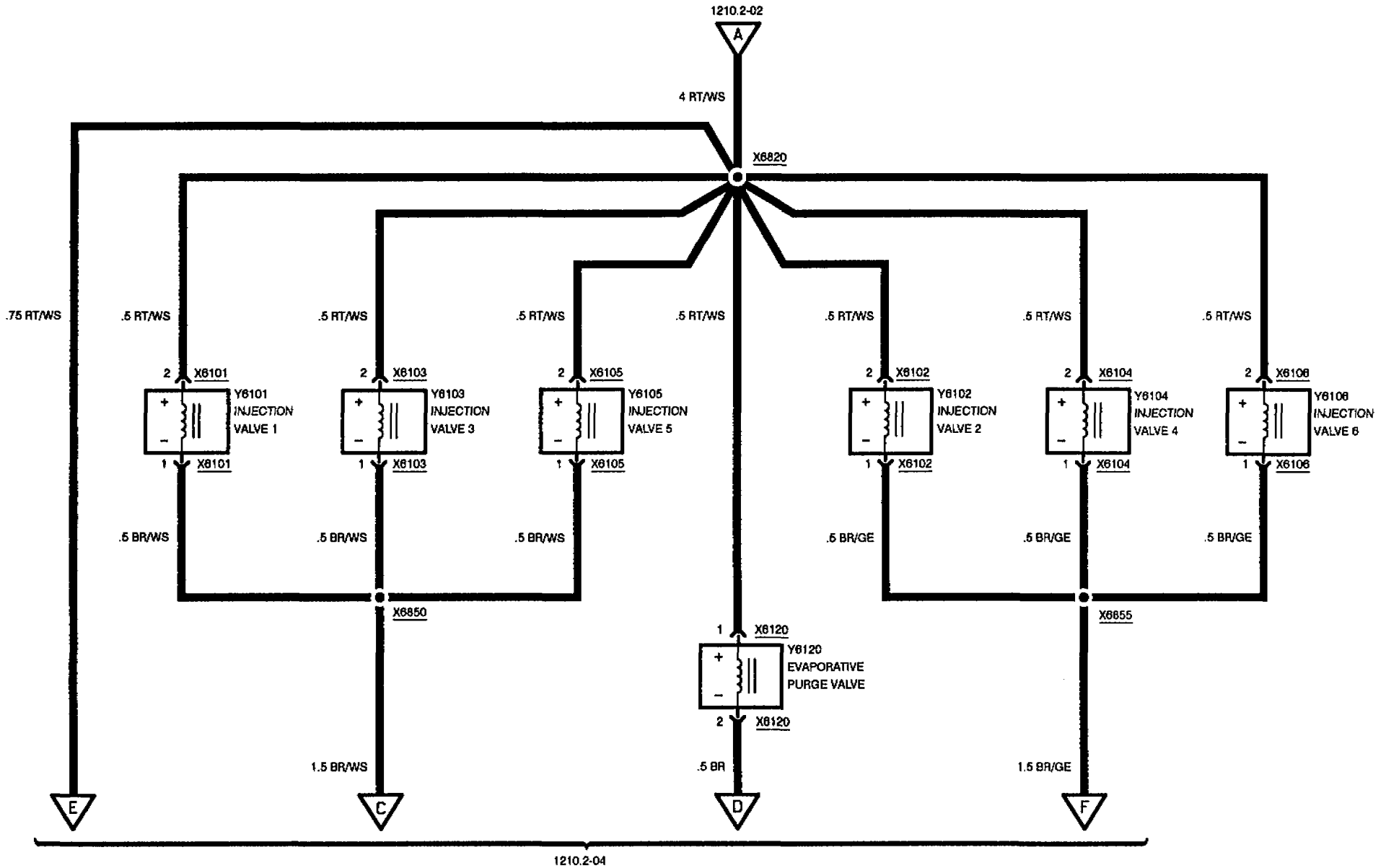


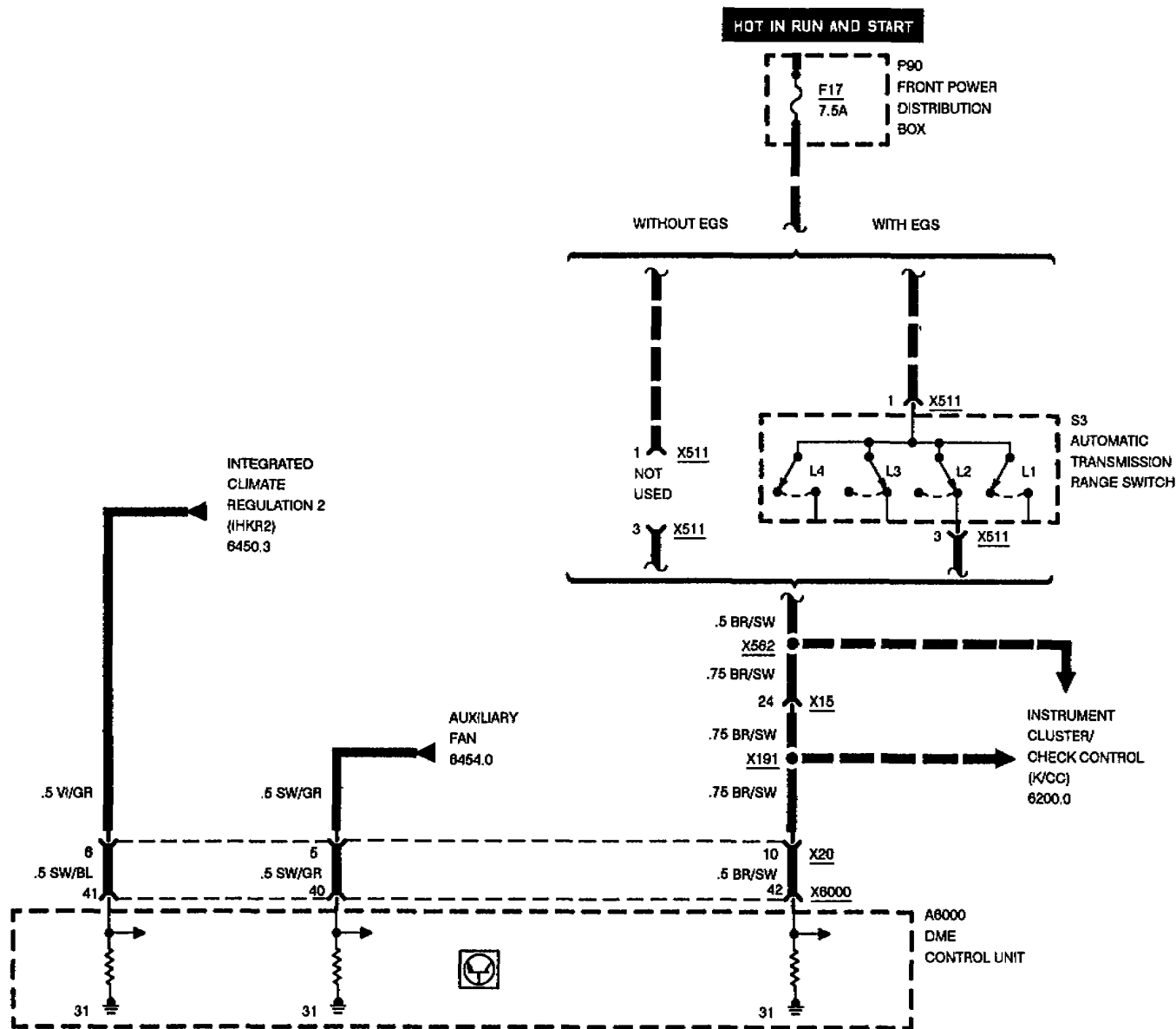
DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)



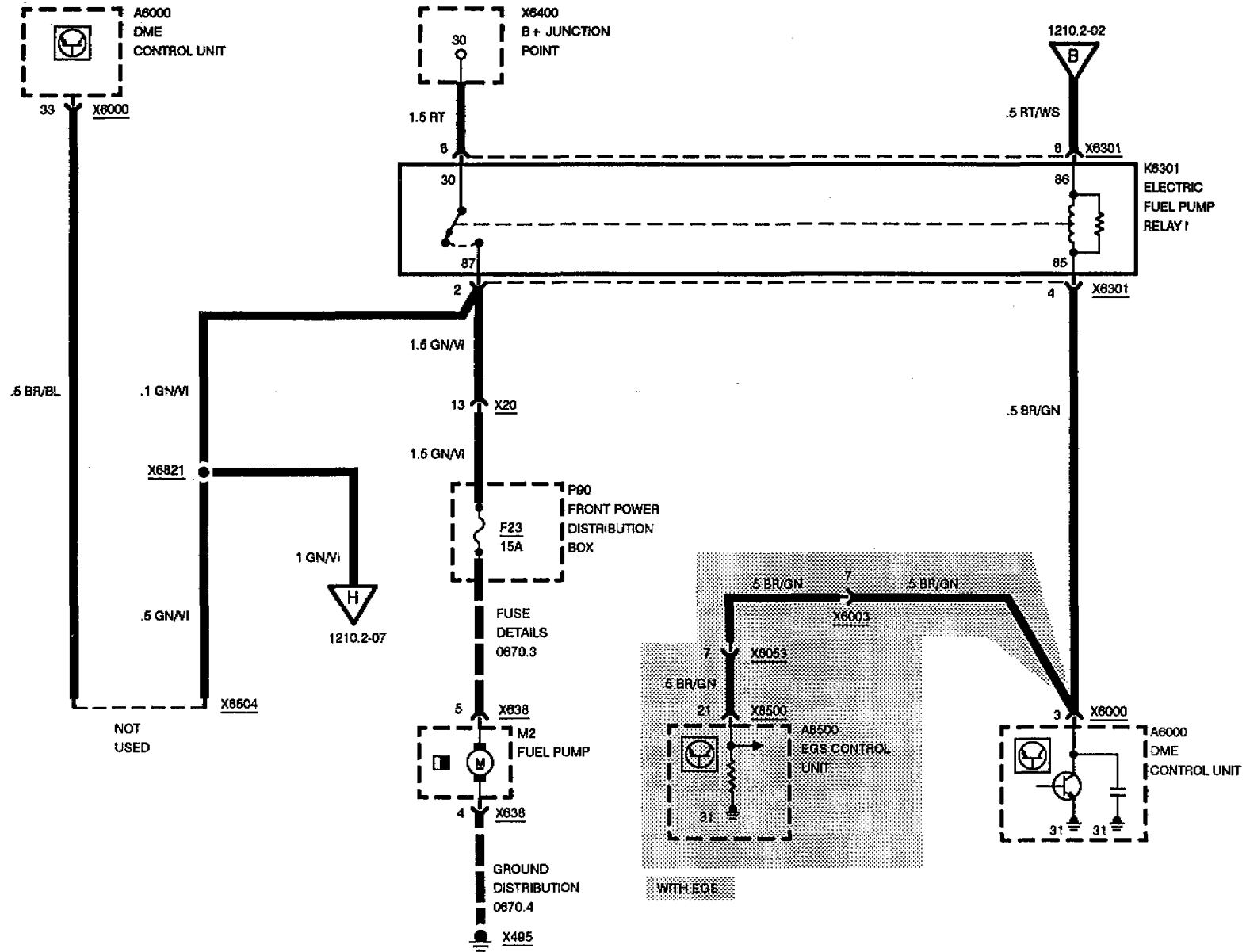


DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30) FUEL INJECTORS



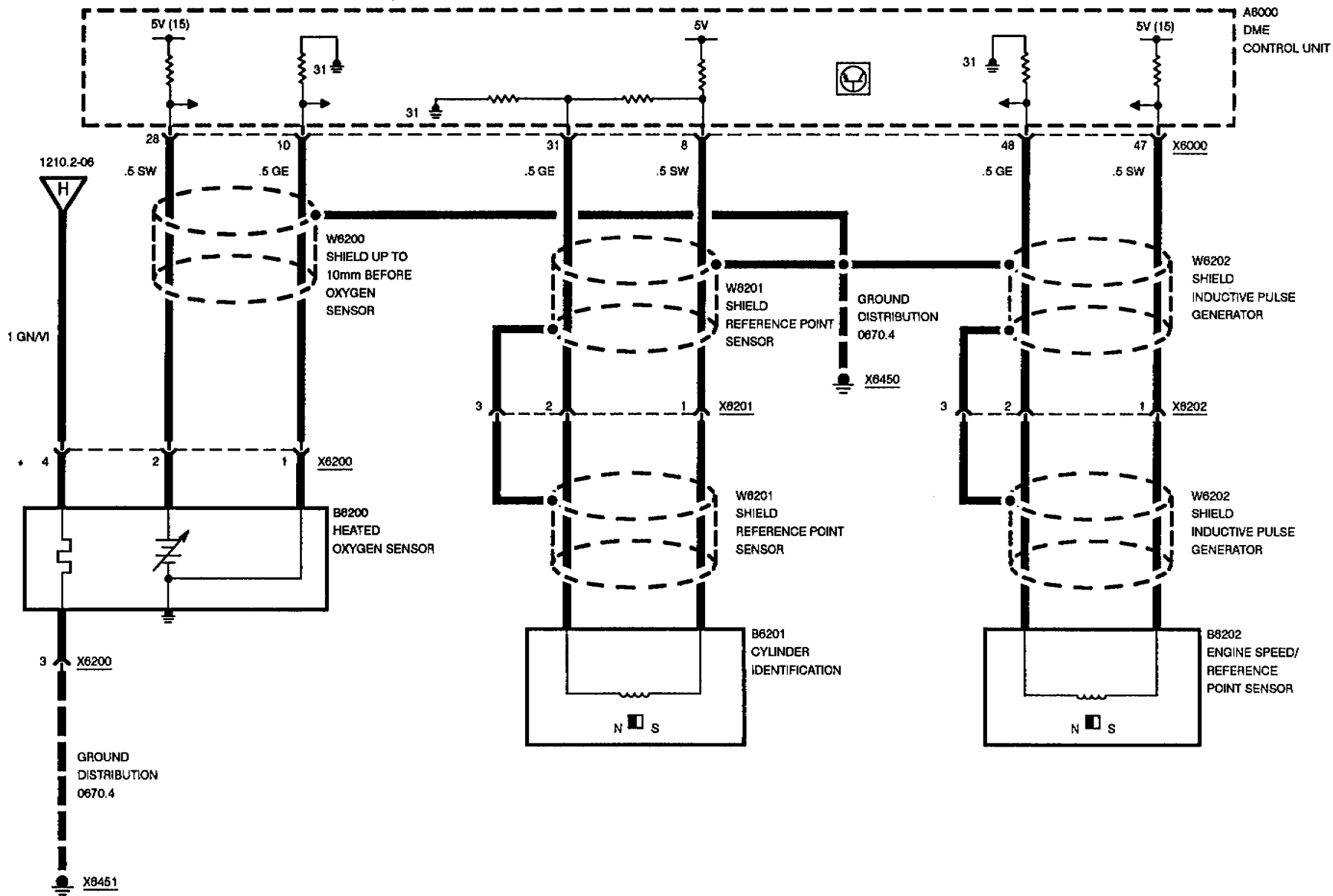


DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)

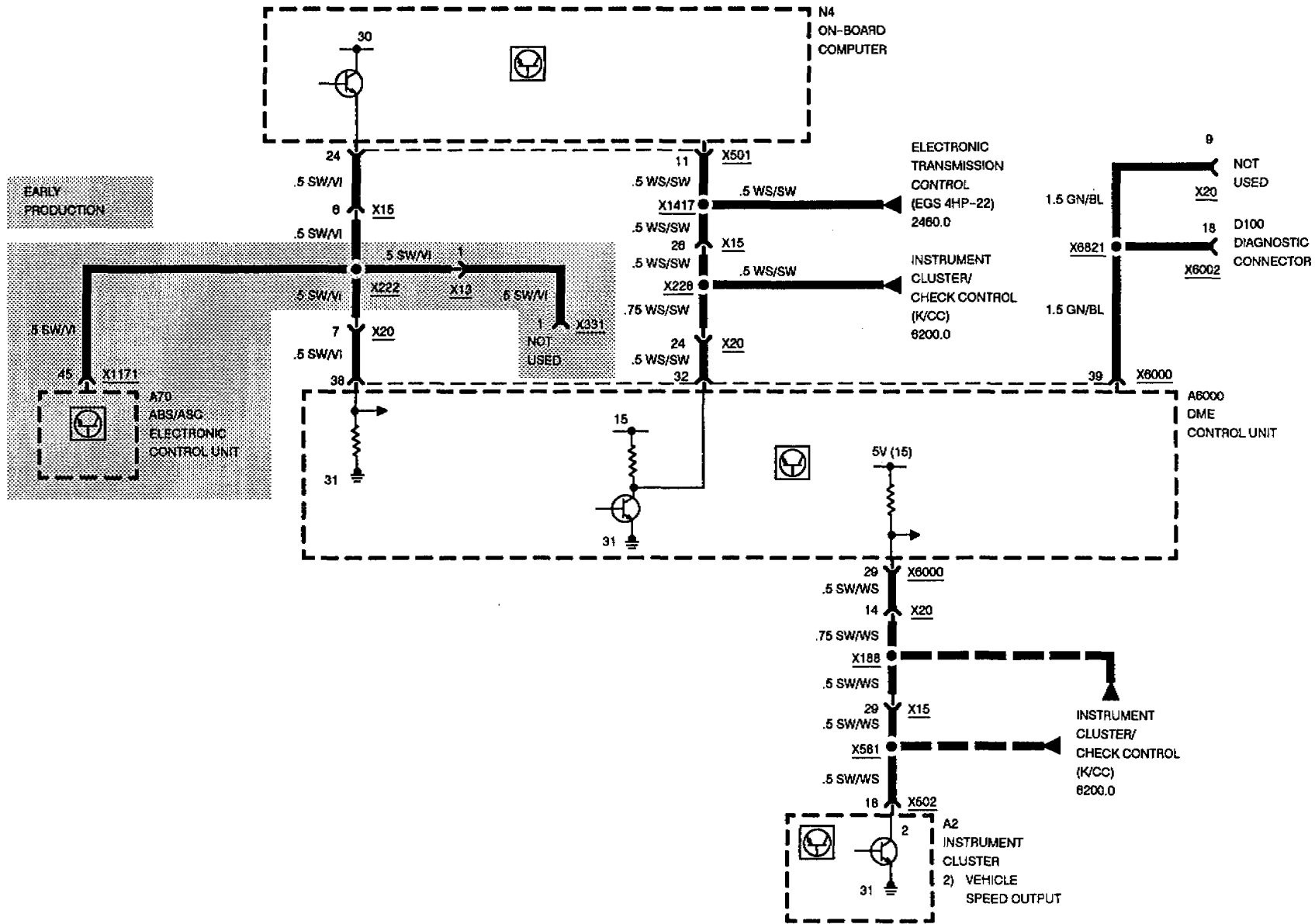




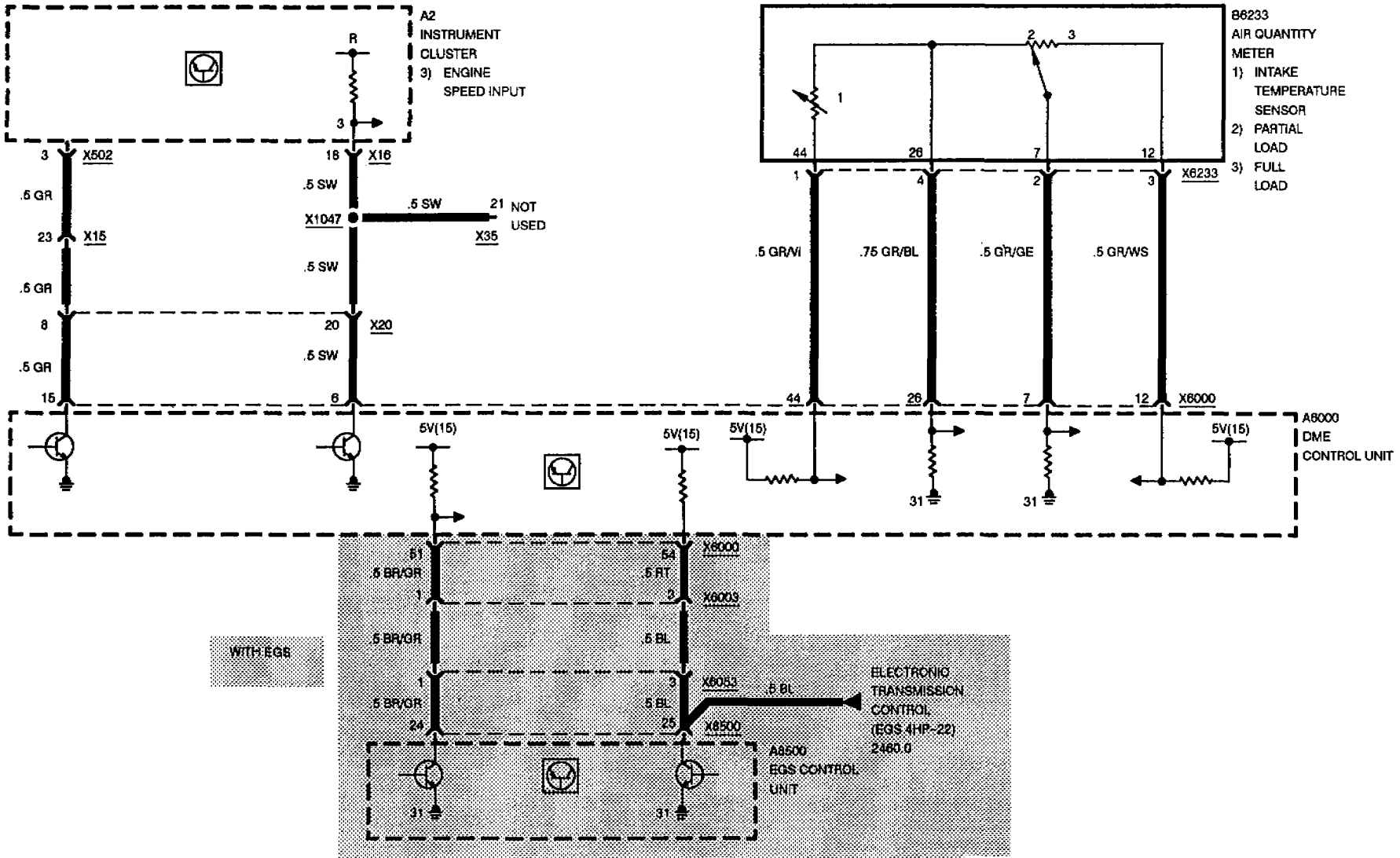
DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)

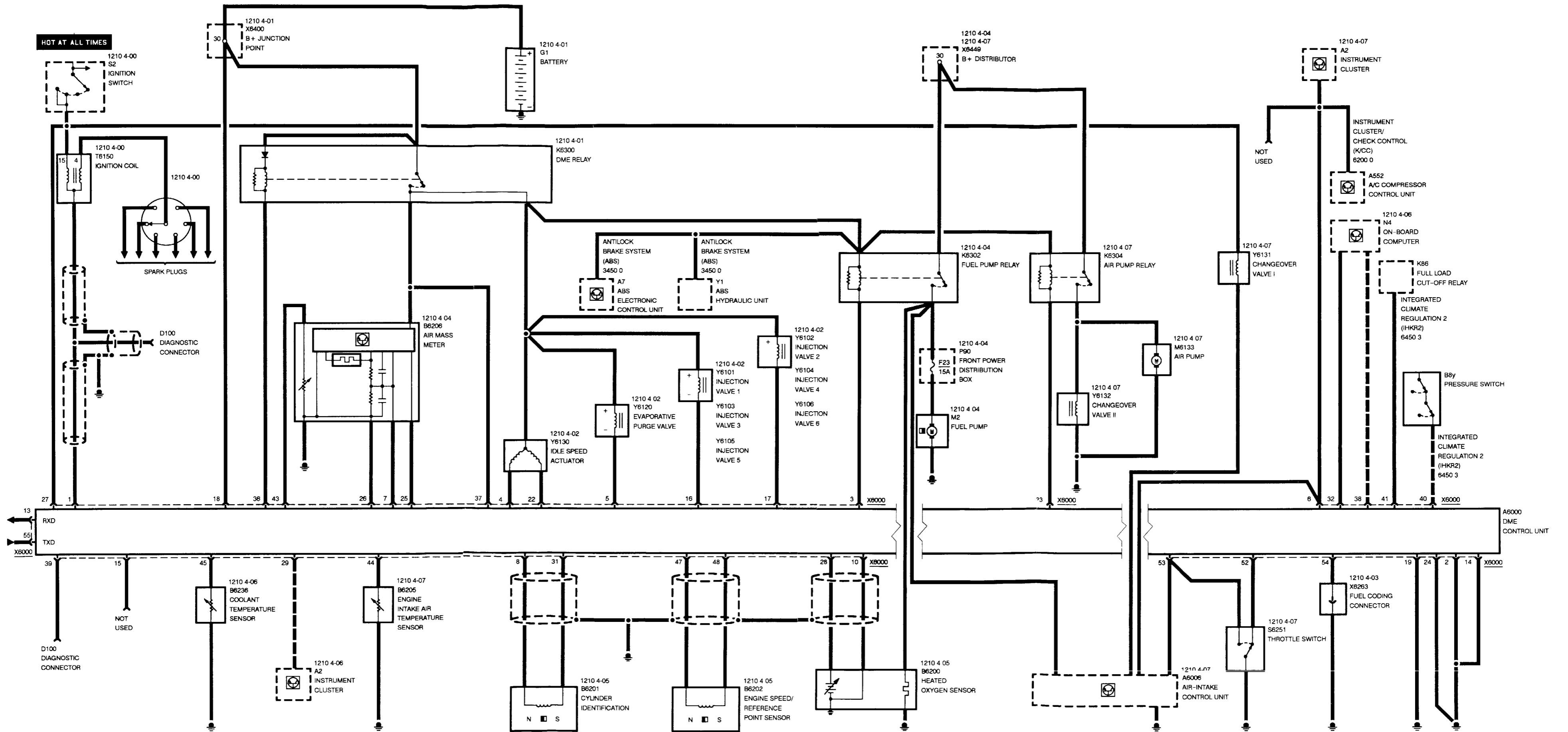


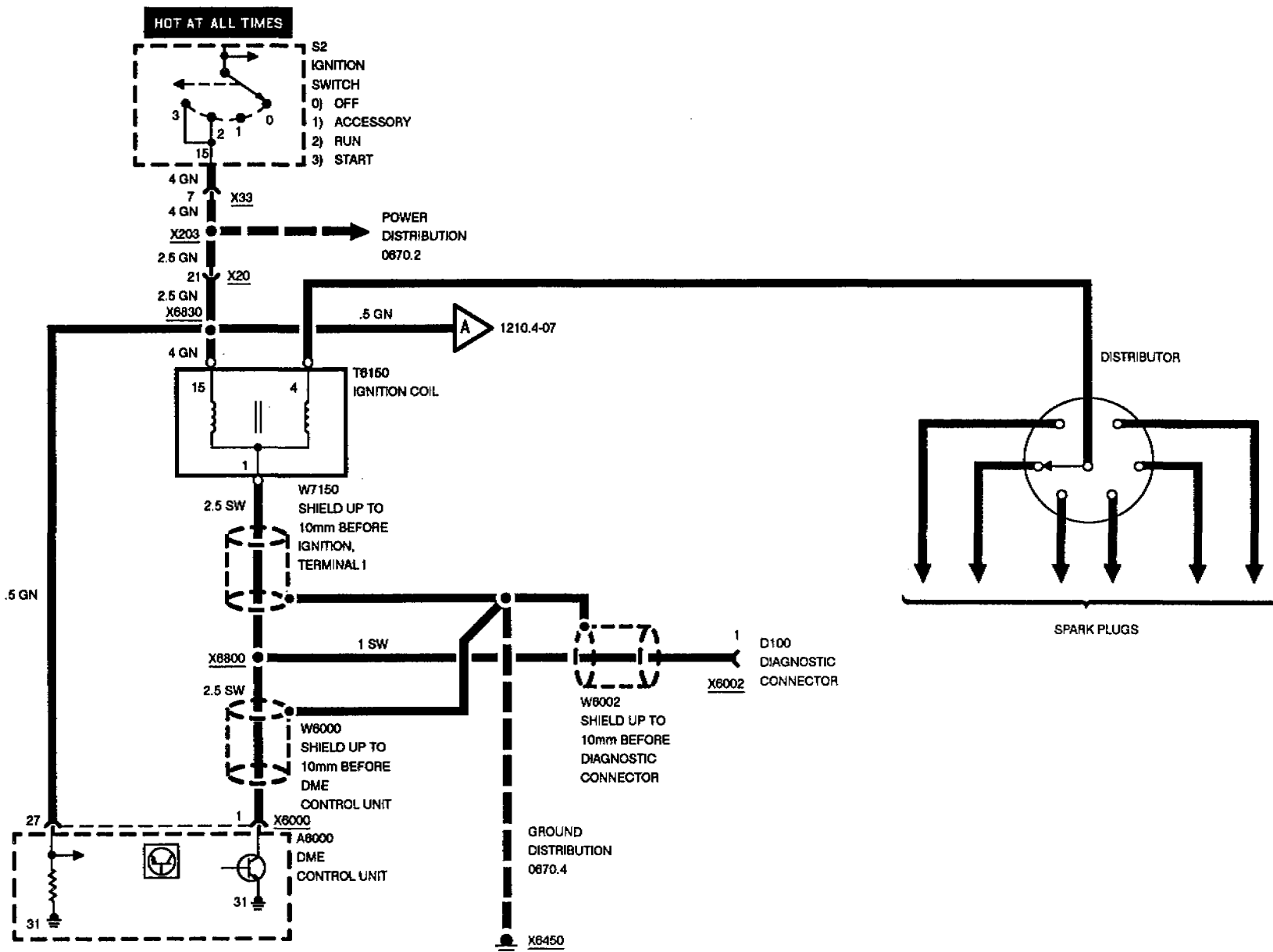
DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)

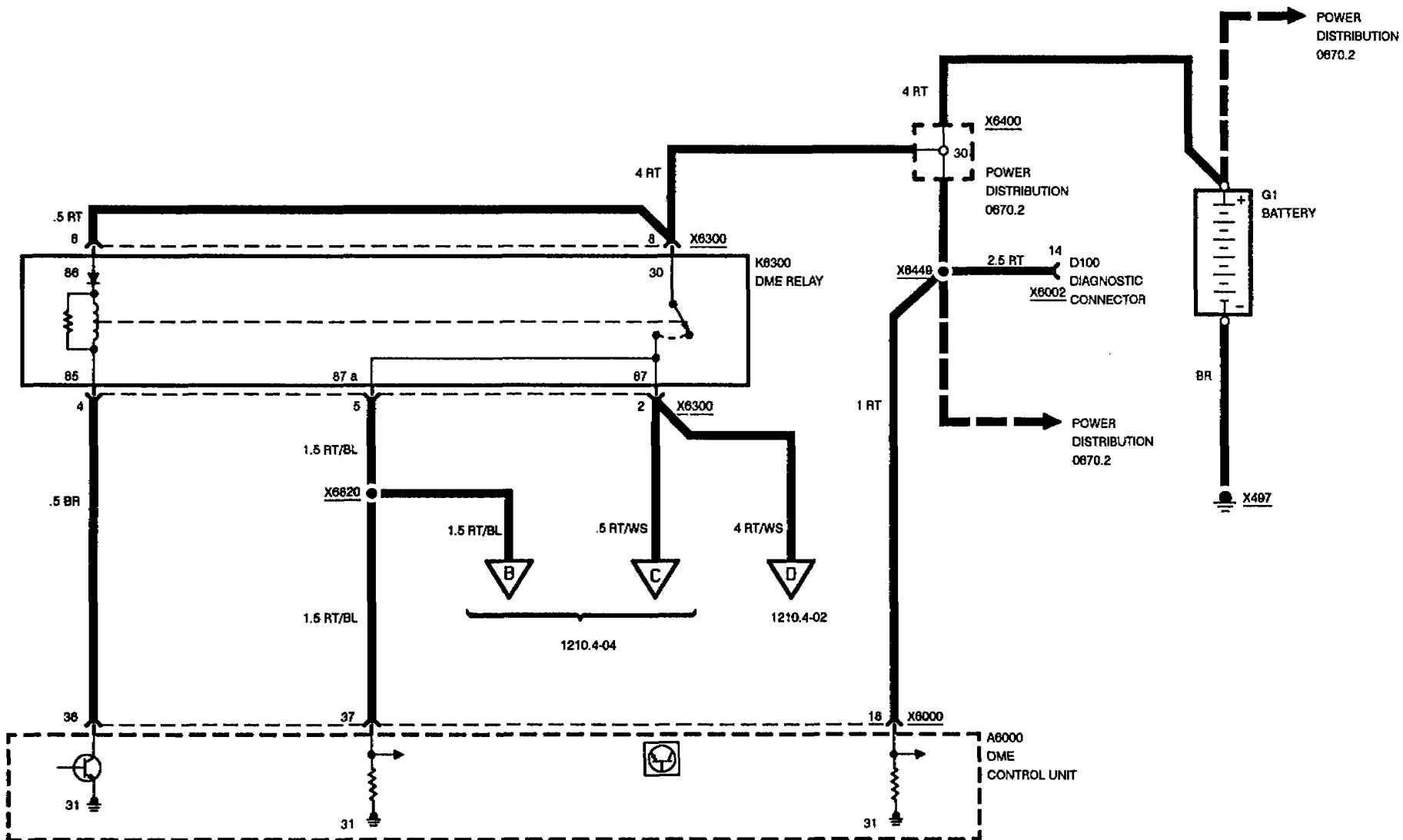


DIGITAL ENGINE ELECTRONICS (DME M1.3, 6-CYLINDER M30)

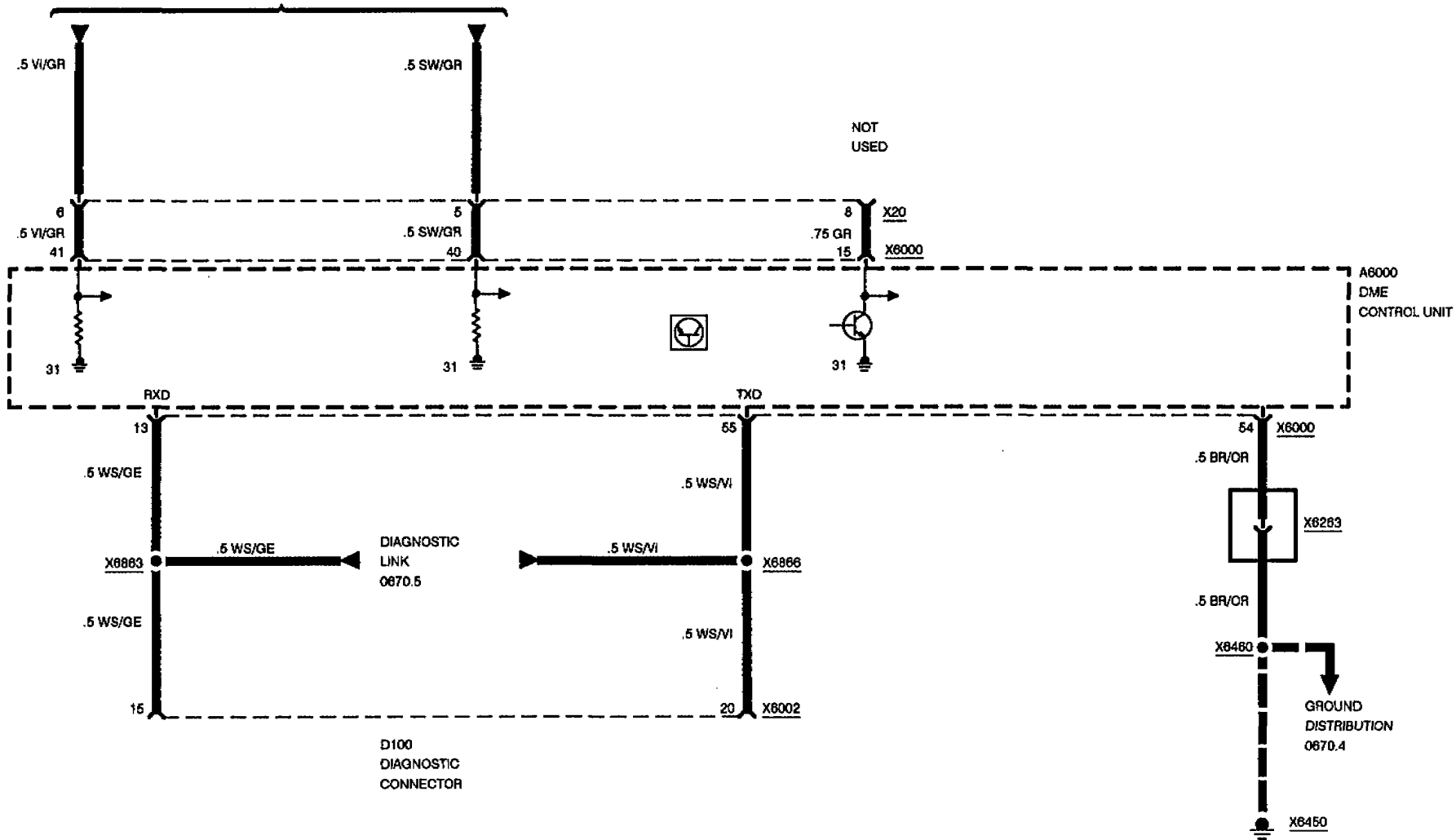


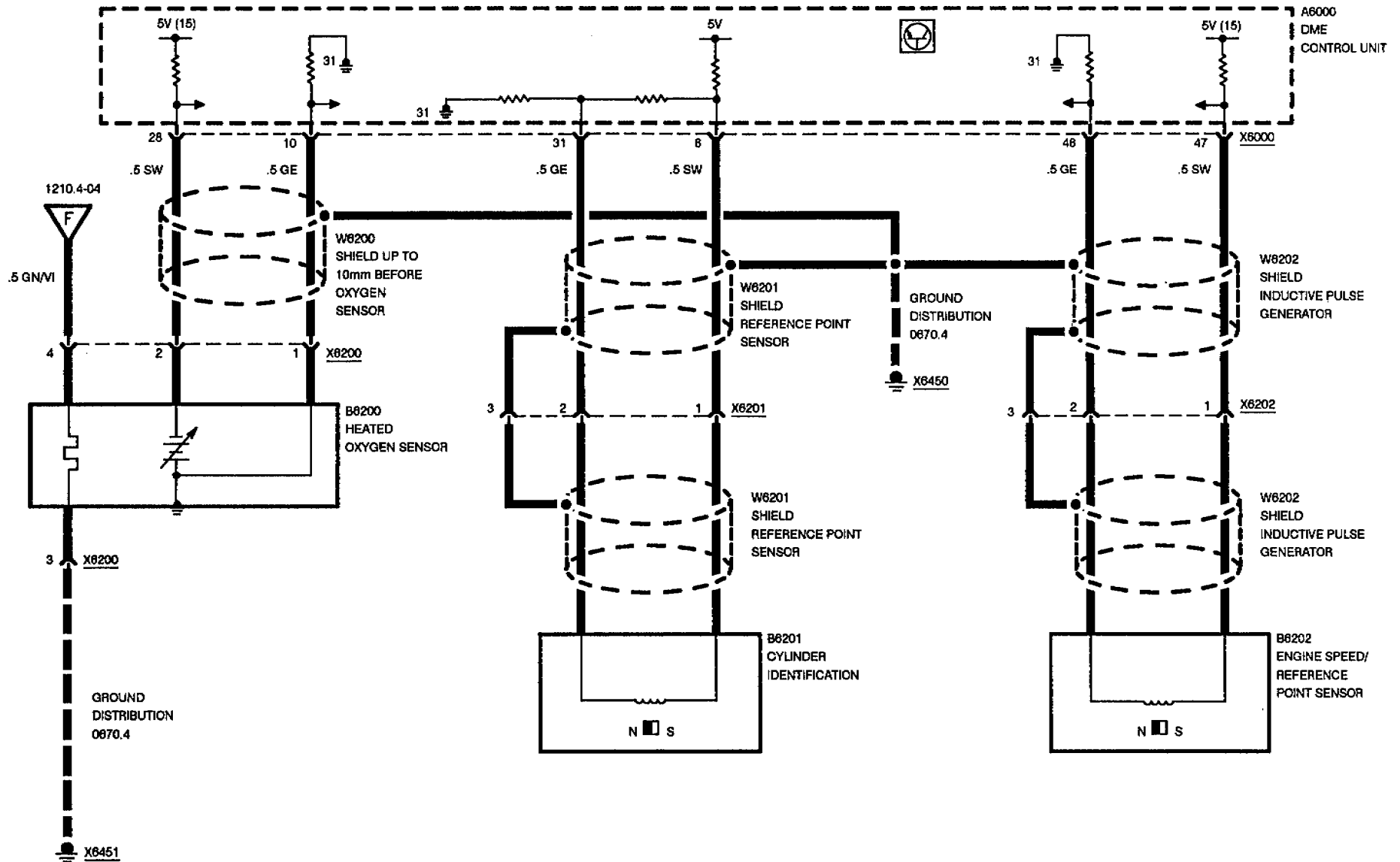


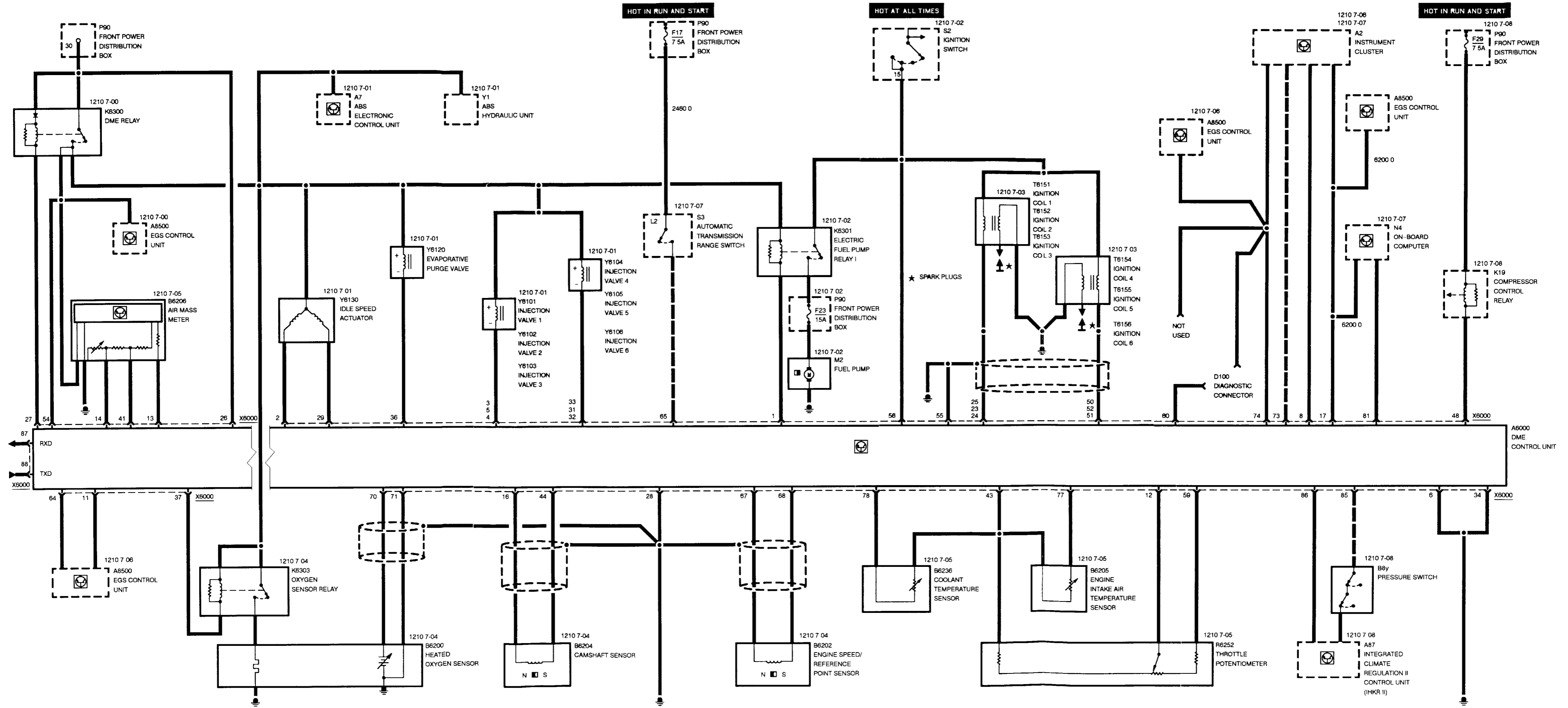




INTEGRATED
CLIMATE
REGULATION 2
(HKR2)
6450.3



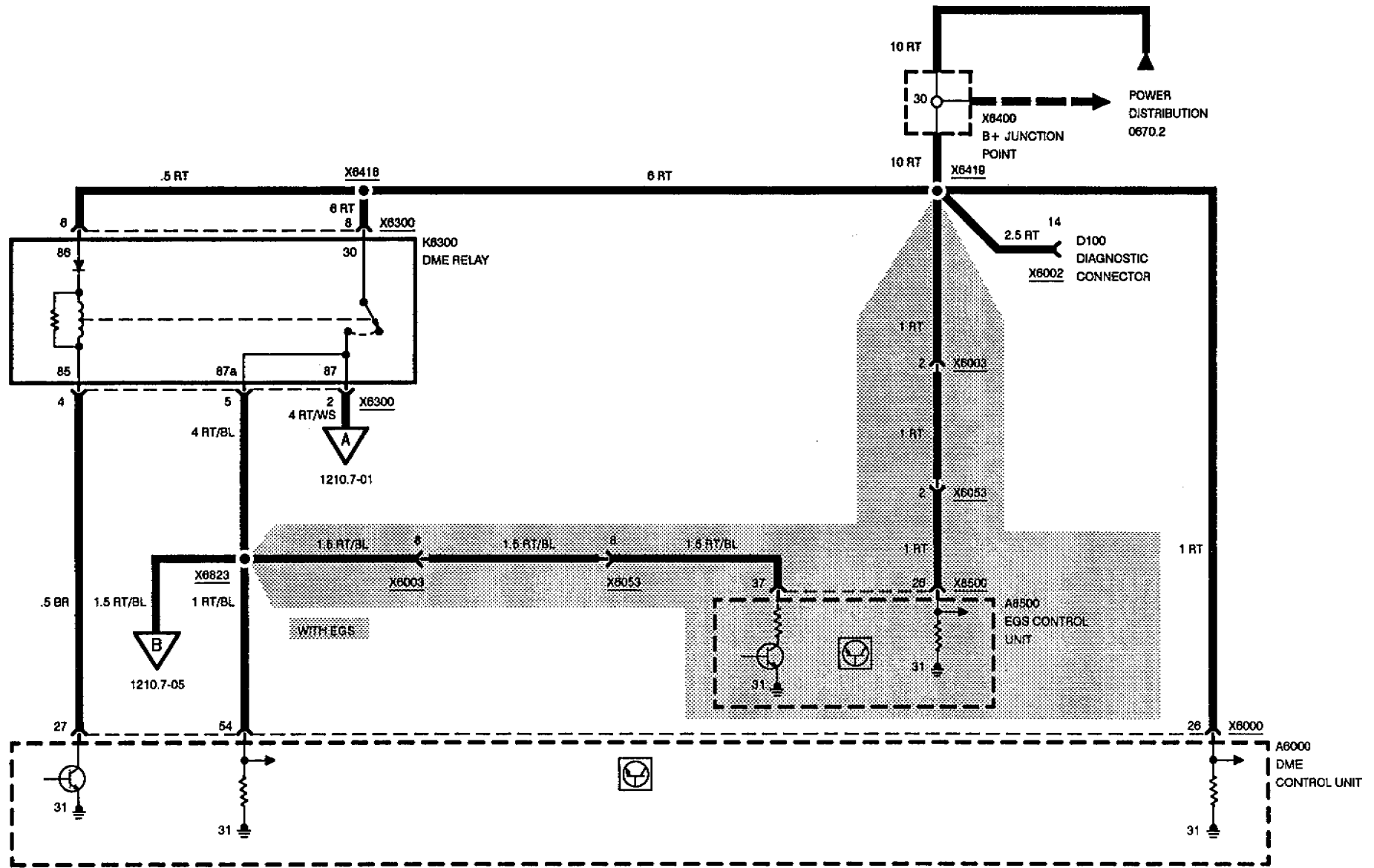






DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)

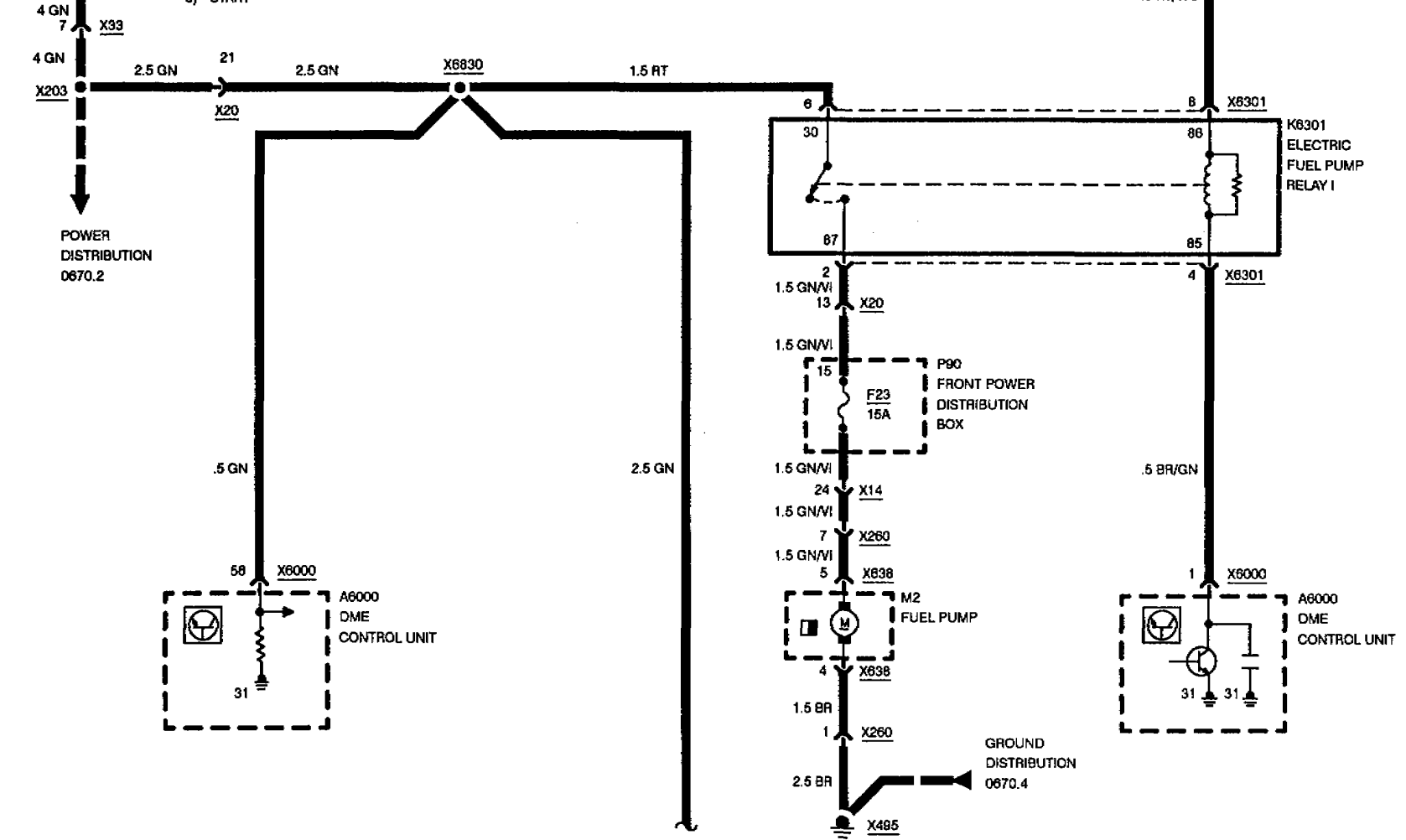
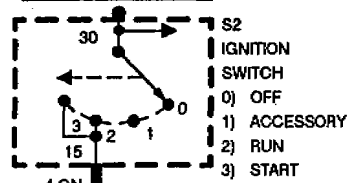
POWER

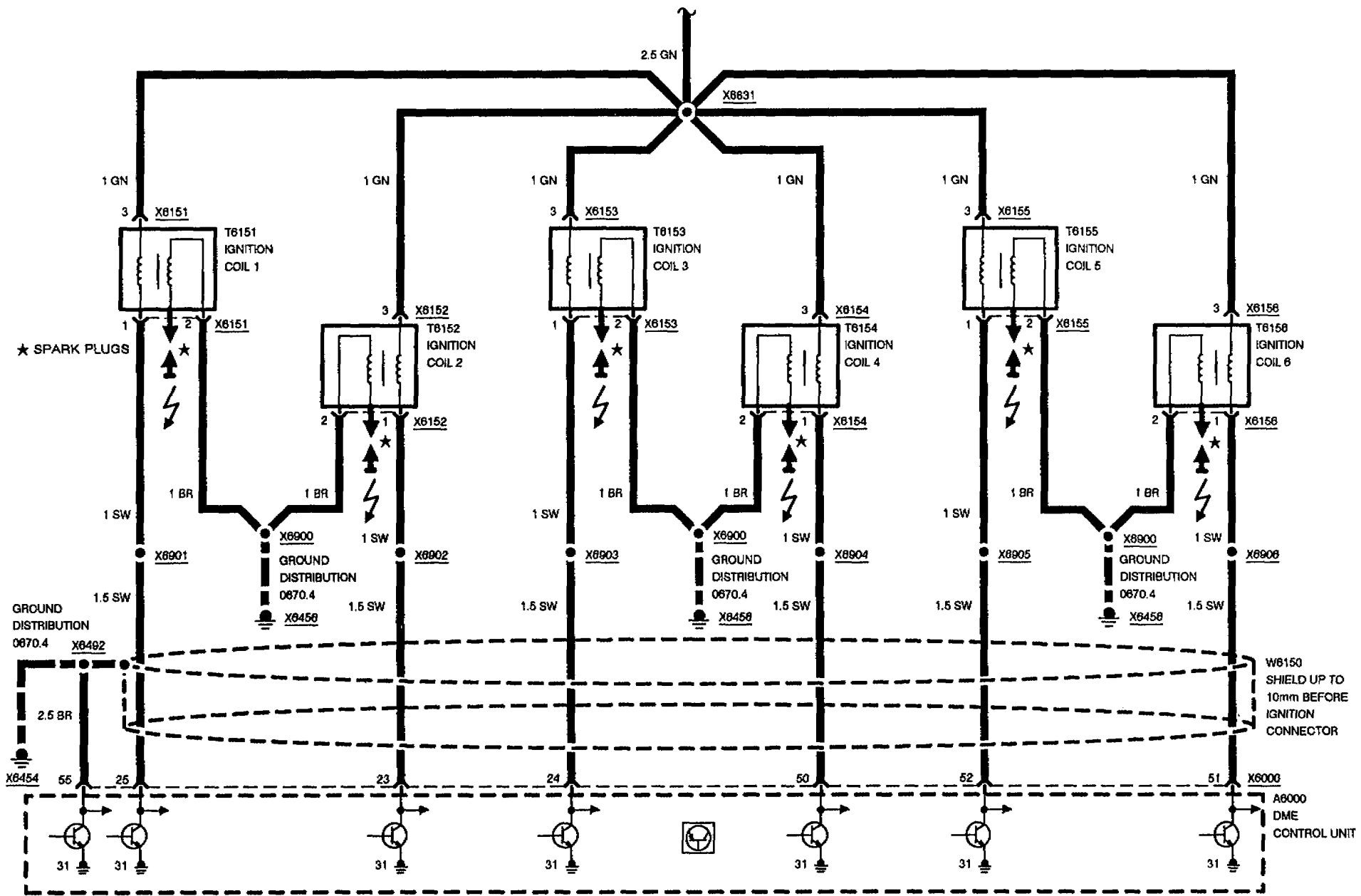




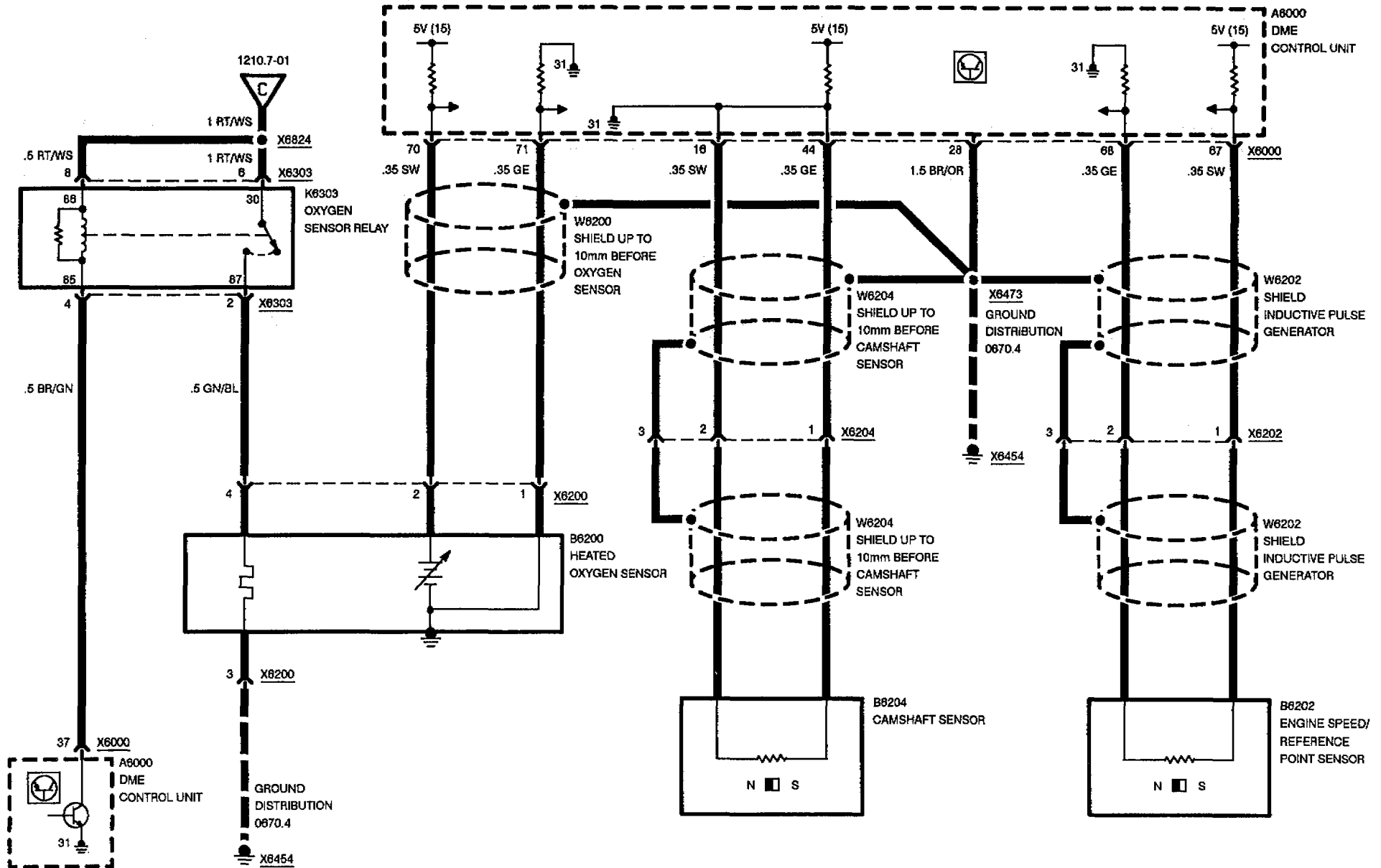
DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)

HOT AT ALL TIMES

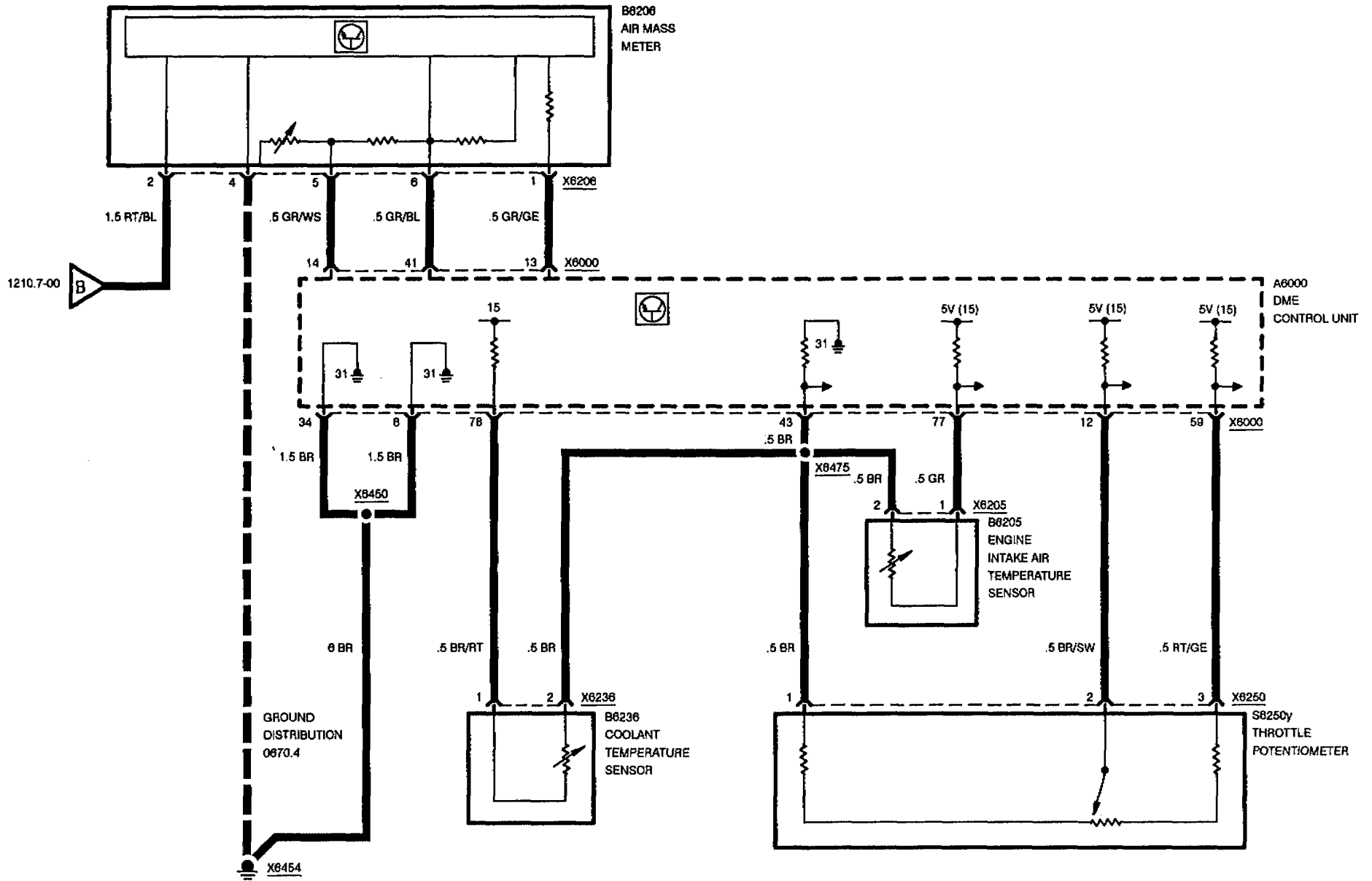




DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)

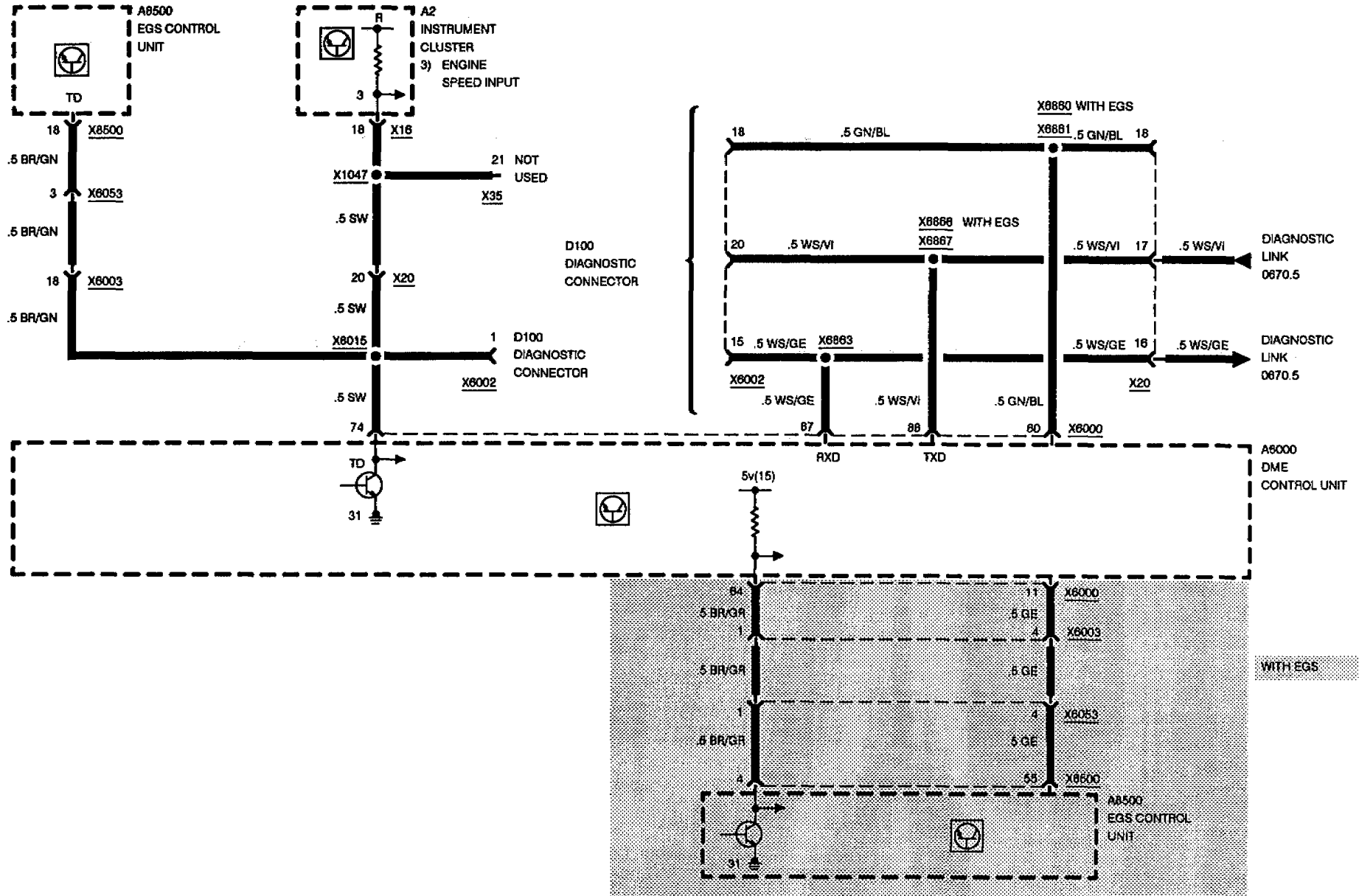


DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)

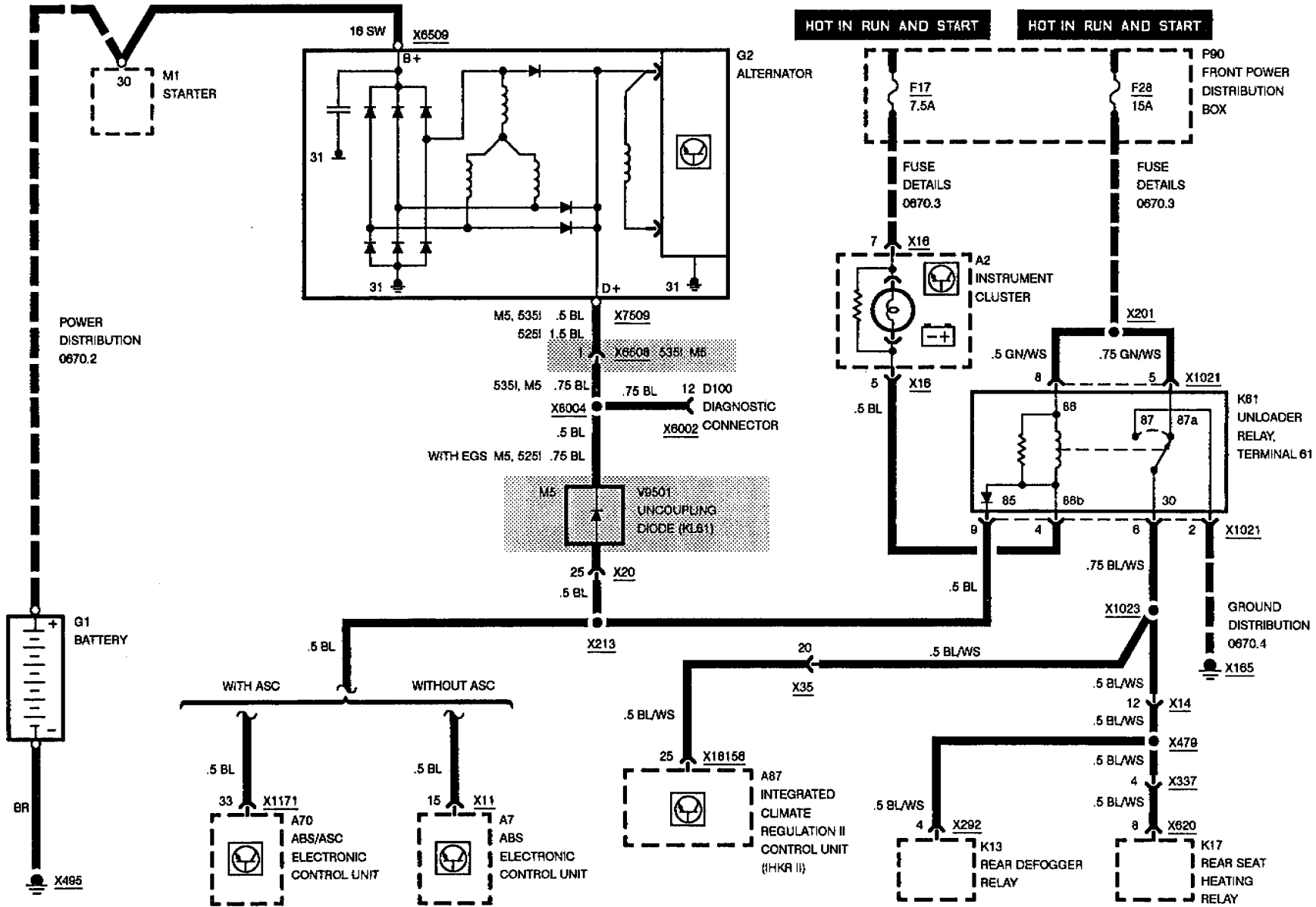




DIGITAL ENGINE ELECTRONICS (DME M3.1, 6-CYLINDER M50)

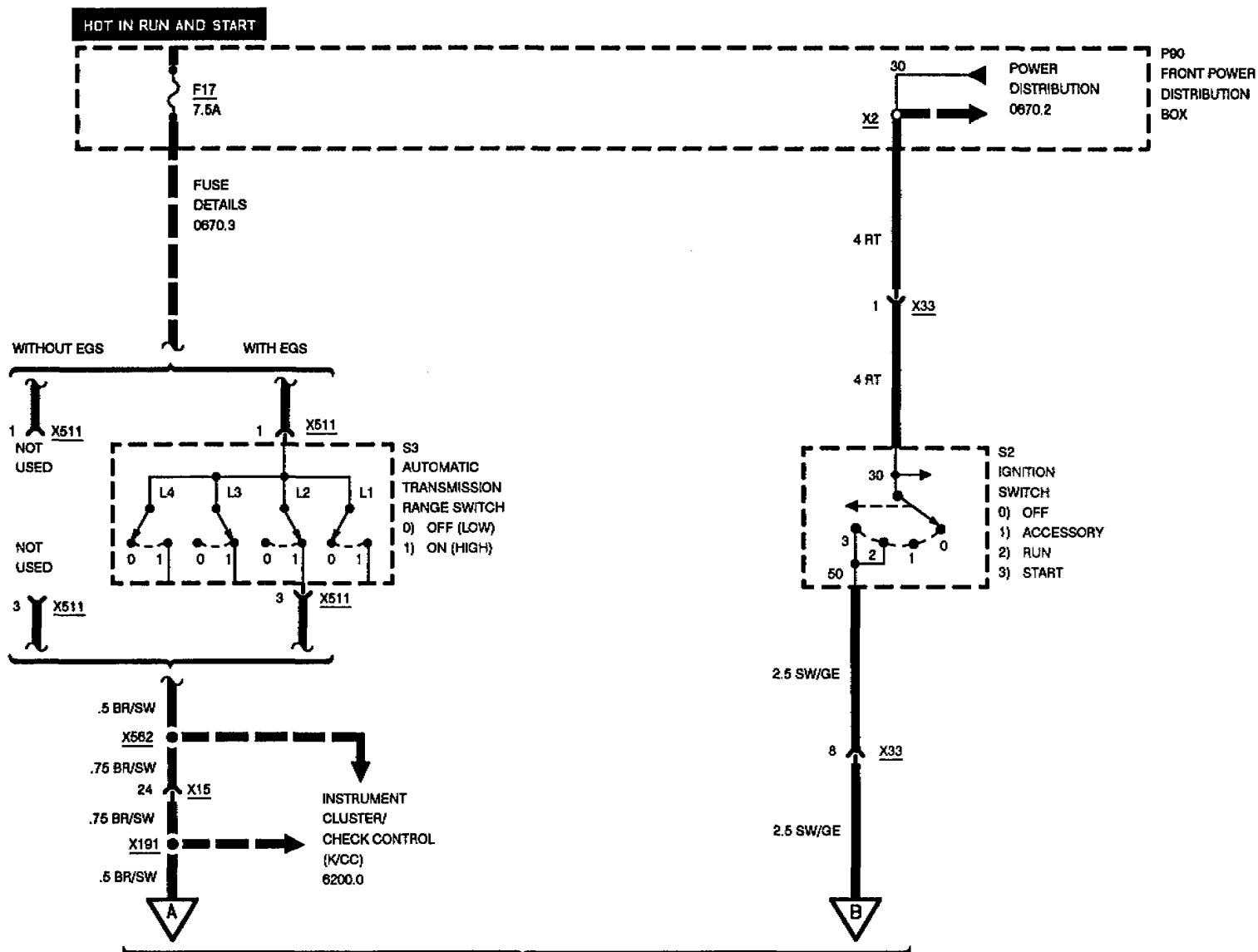


CHARGING SYSTEM



EGS 4HP-22
EGS A4S 310R

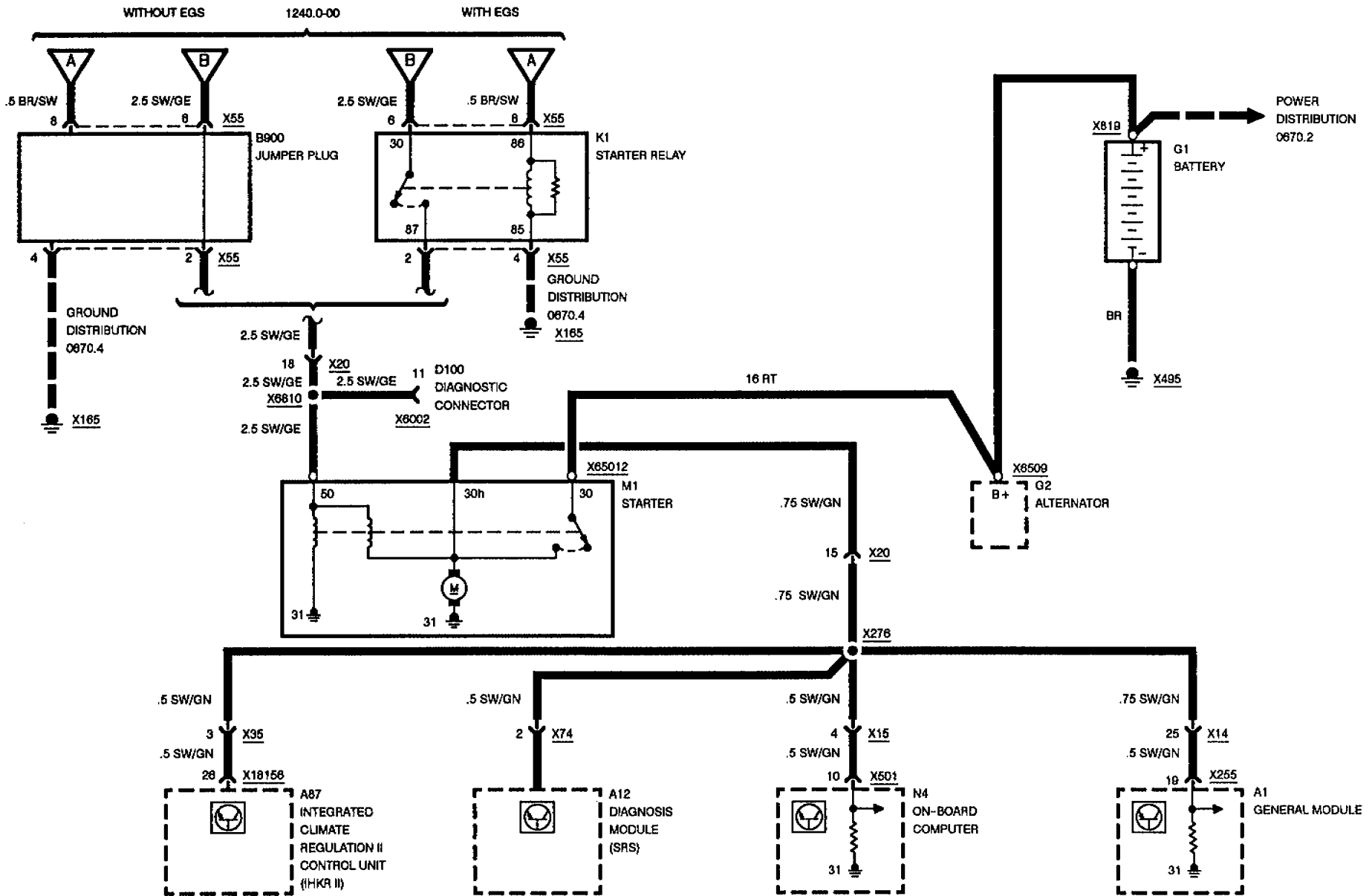
	L1	L2	L3	L4
P	1	1	0	0
R	1	0	0	1
N	0	1	1	0
D	0	0	0	1
3	0	0	1	0
2	1	0	0	0
1	1	0	1	0

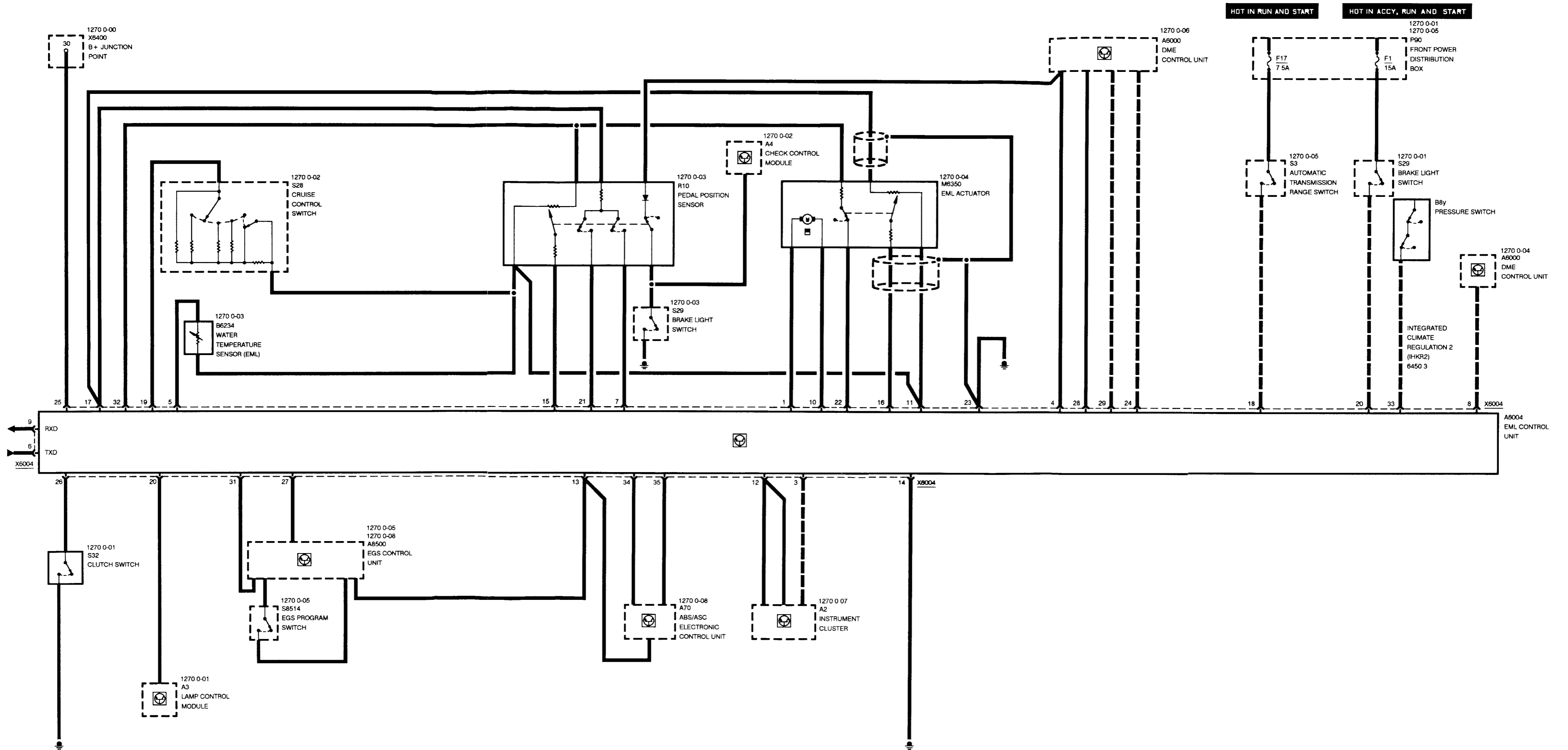


1240.0-01



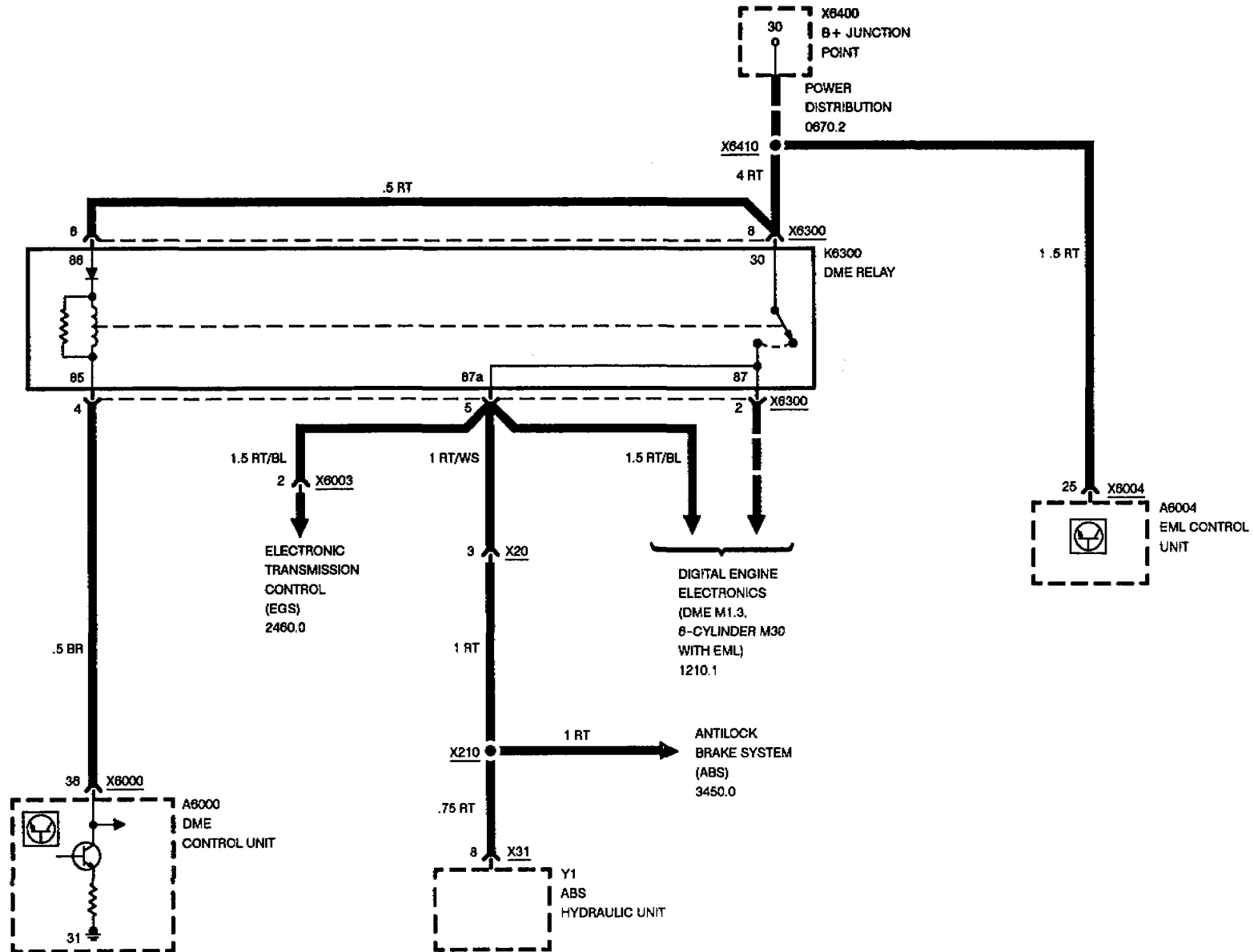
START







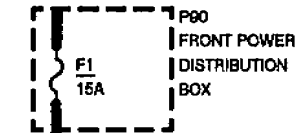
ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)



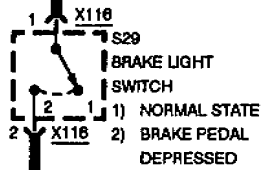


ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)

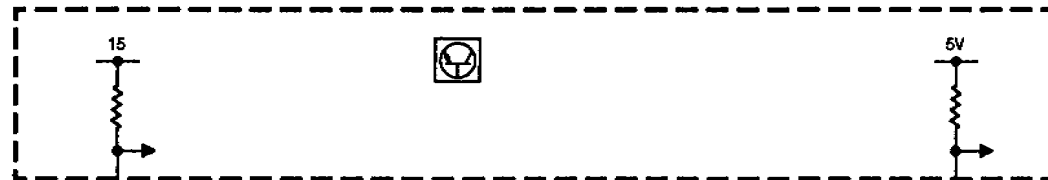
HOT IN ACCY, RUN AND START



FUSE
DETAILS
0870.3



1 BL/RT



15

20

.5 BL/RT

.75 BL/RT

1 BL/RT

12

29

13

BRAKE LIGHTS
6325.0

X1197

X12

X181

CRUISE
CONTROL
(TEMPOMAT)
6571.0

14

5V

28

.5 BL/BR

15

.75 BR/BL

2

1

GROUND
DISTRIBUTION
0870.4

X6451

GROUND
DISTRIBUTION
0870.4

X185

X6004

X69

X121

S32

CLUTCH SWITCH

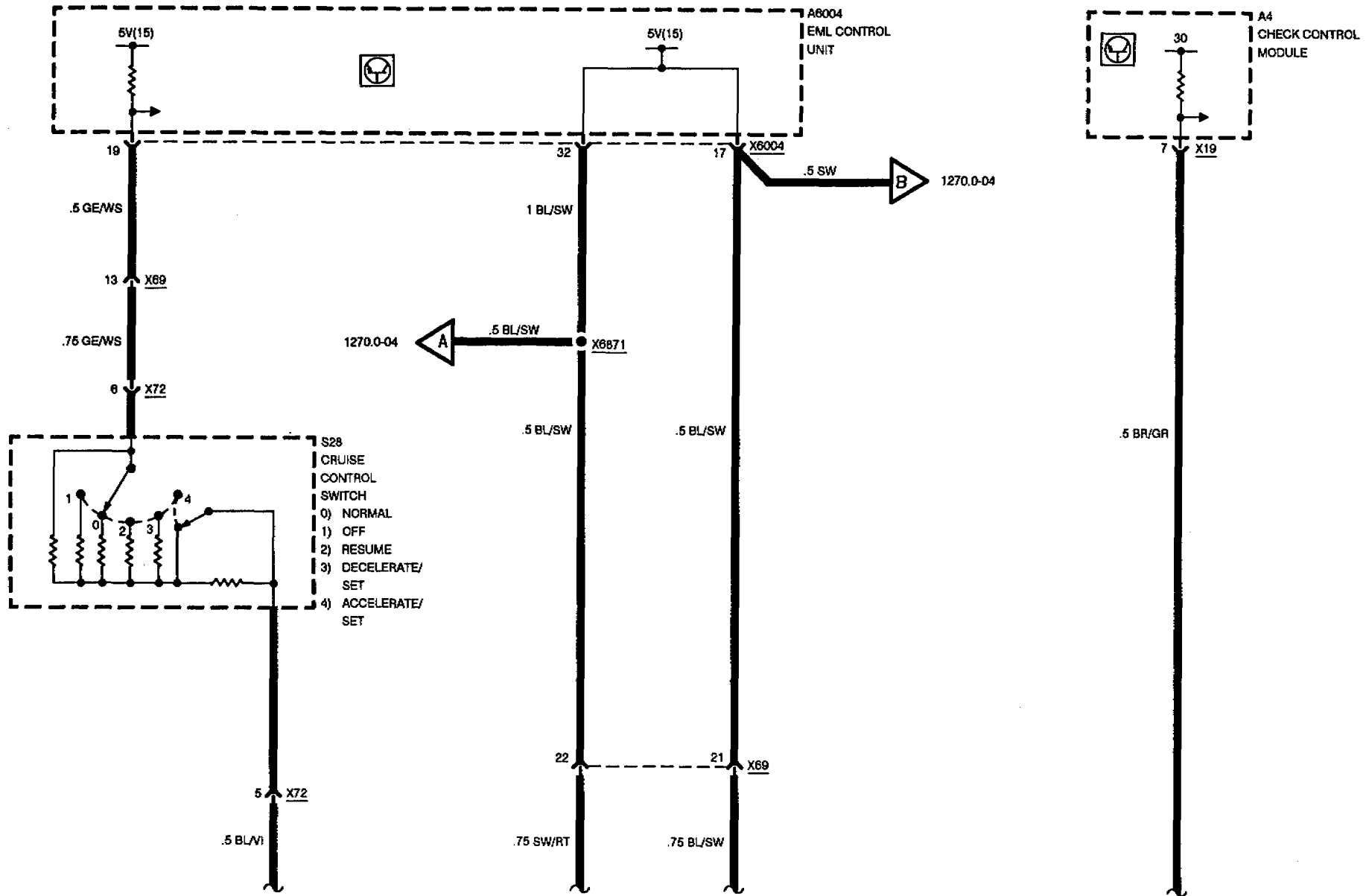
1) NORMAL STATE

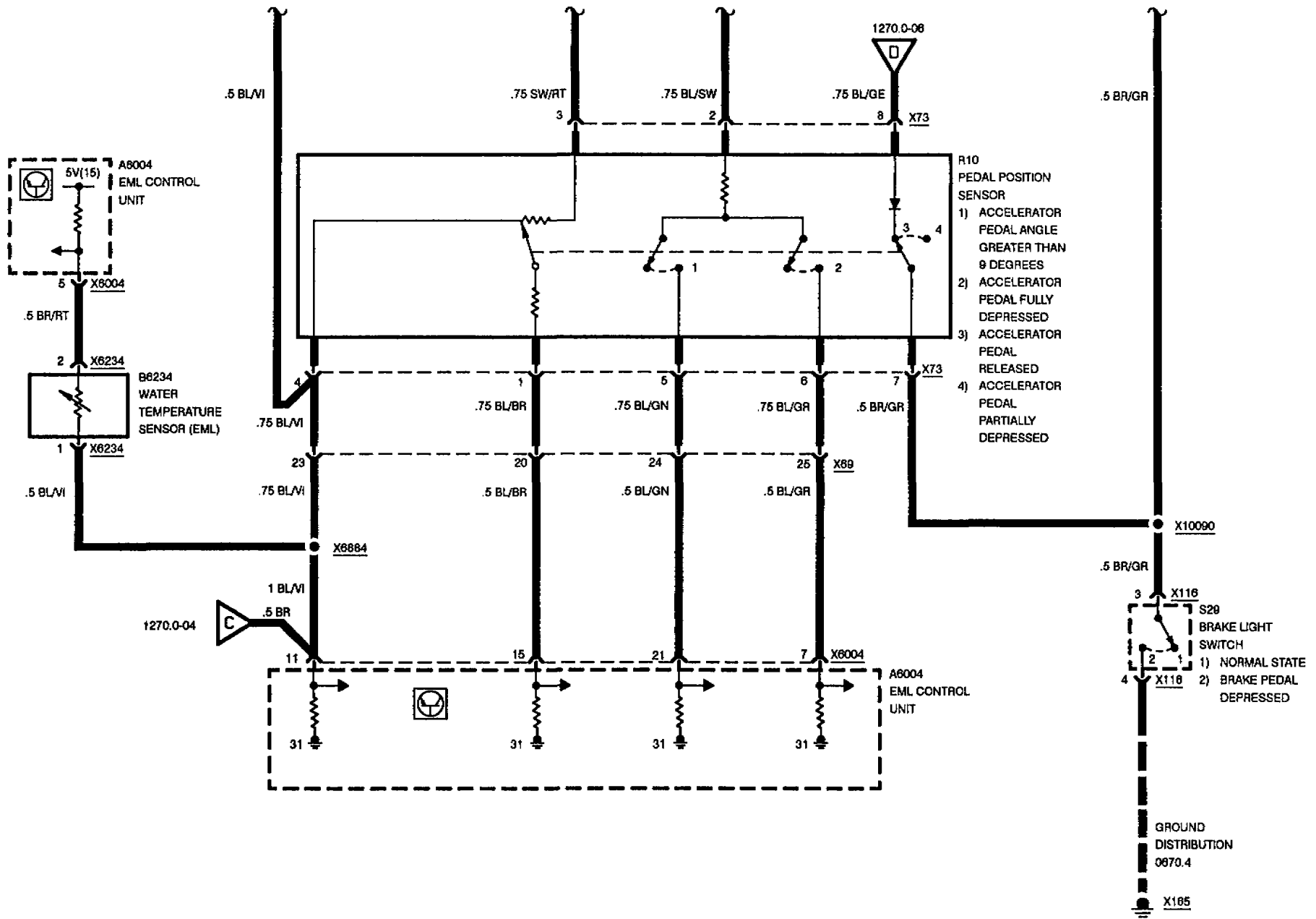
2) CLUTCH PEDAL
DEPRESSED

X121

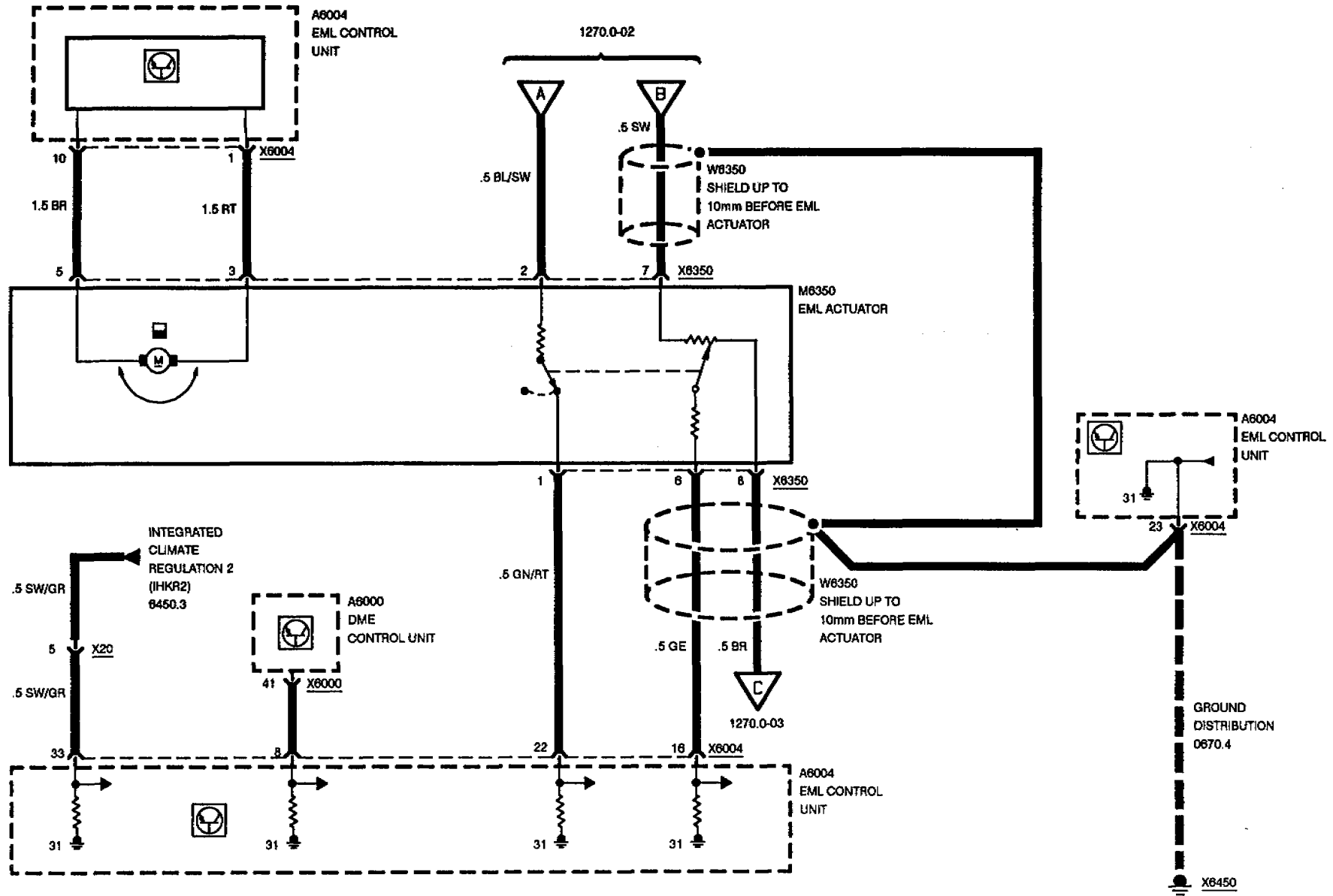


ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)



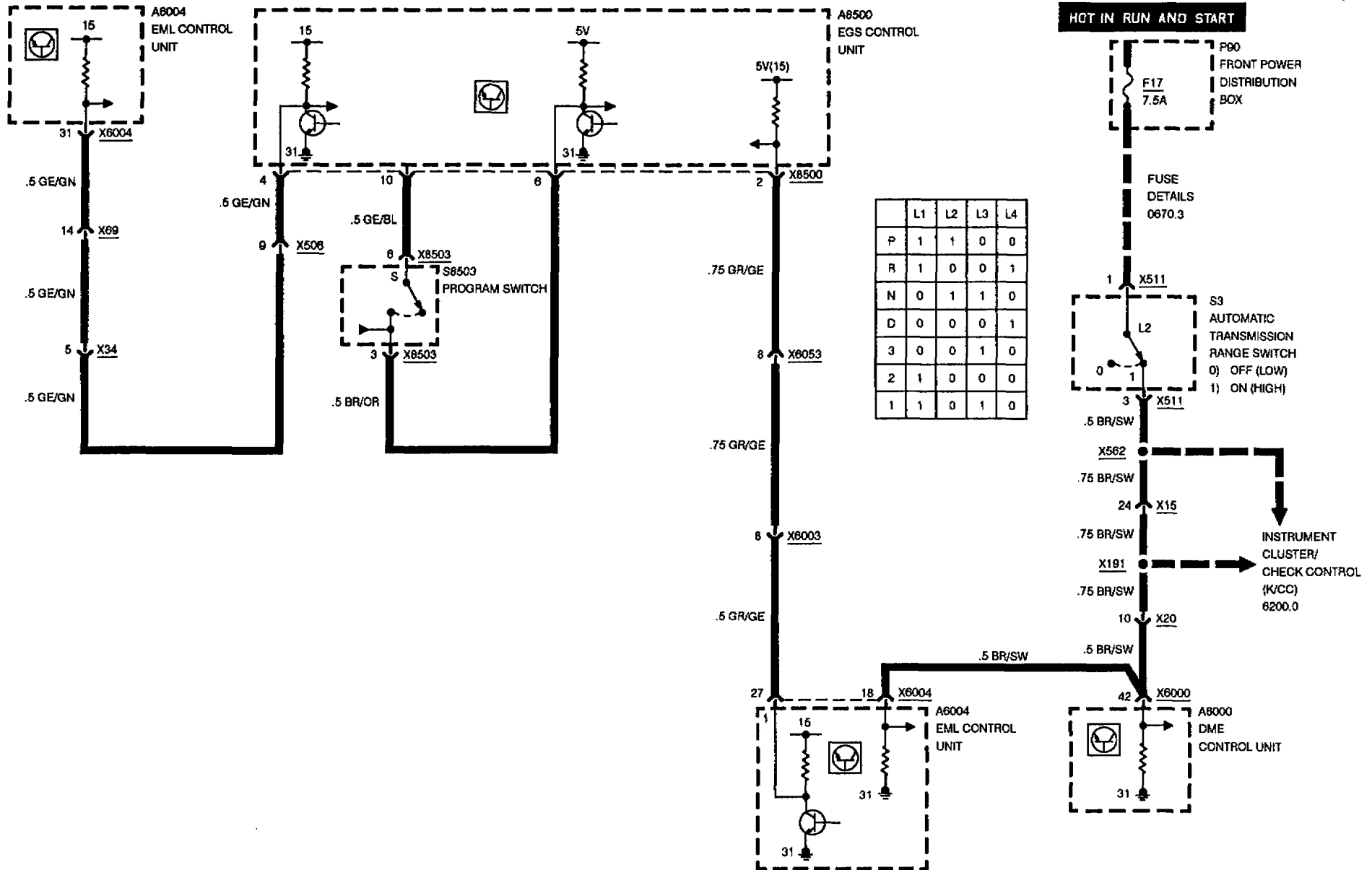


ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)



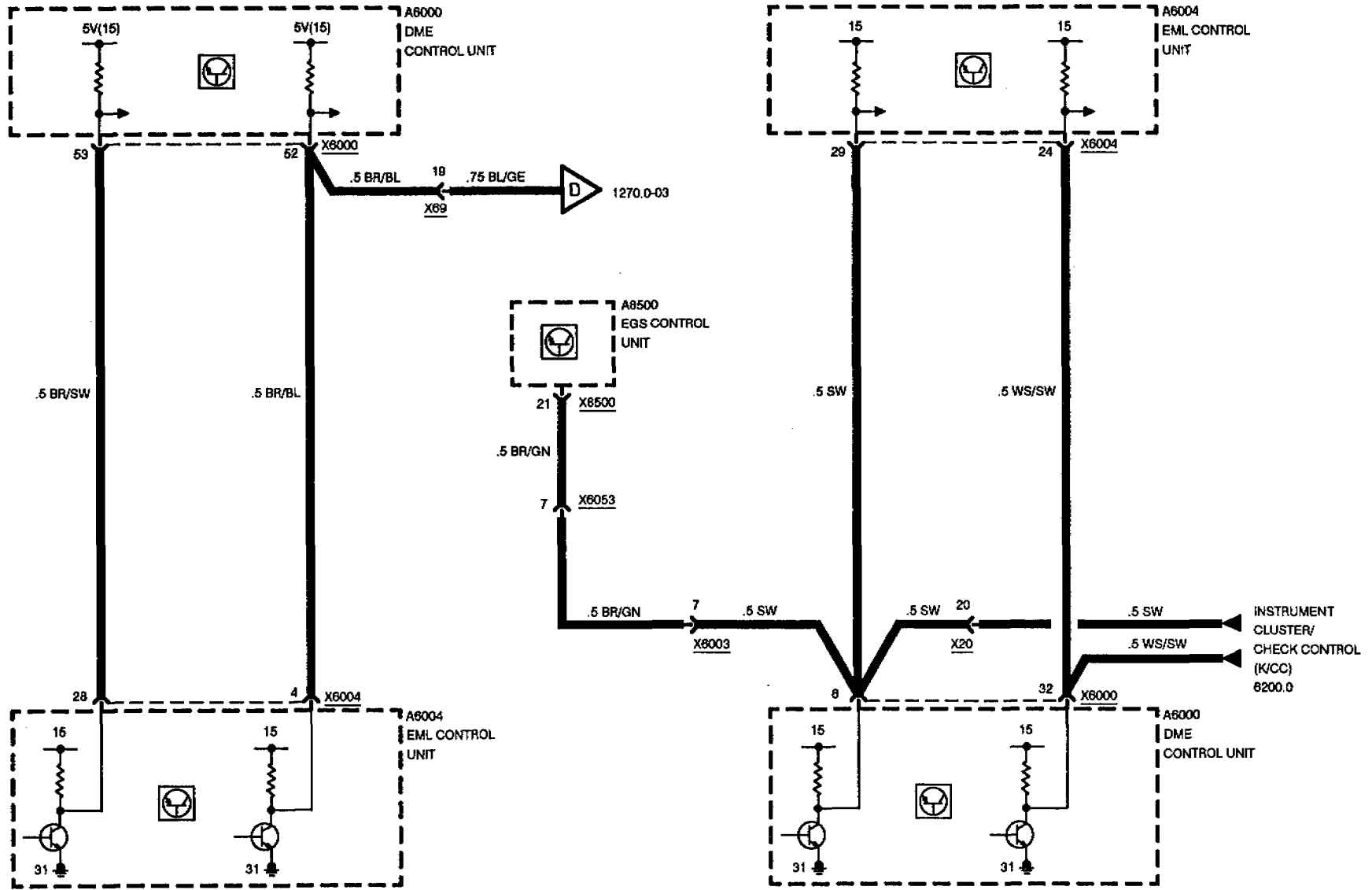


ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)



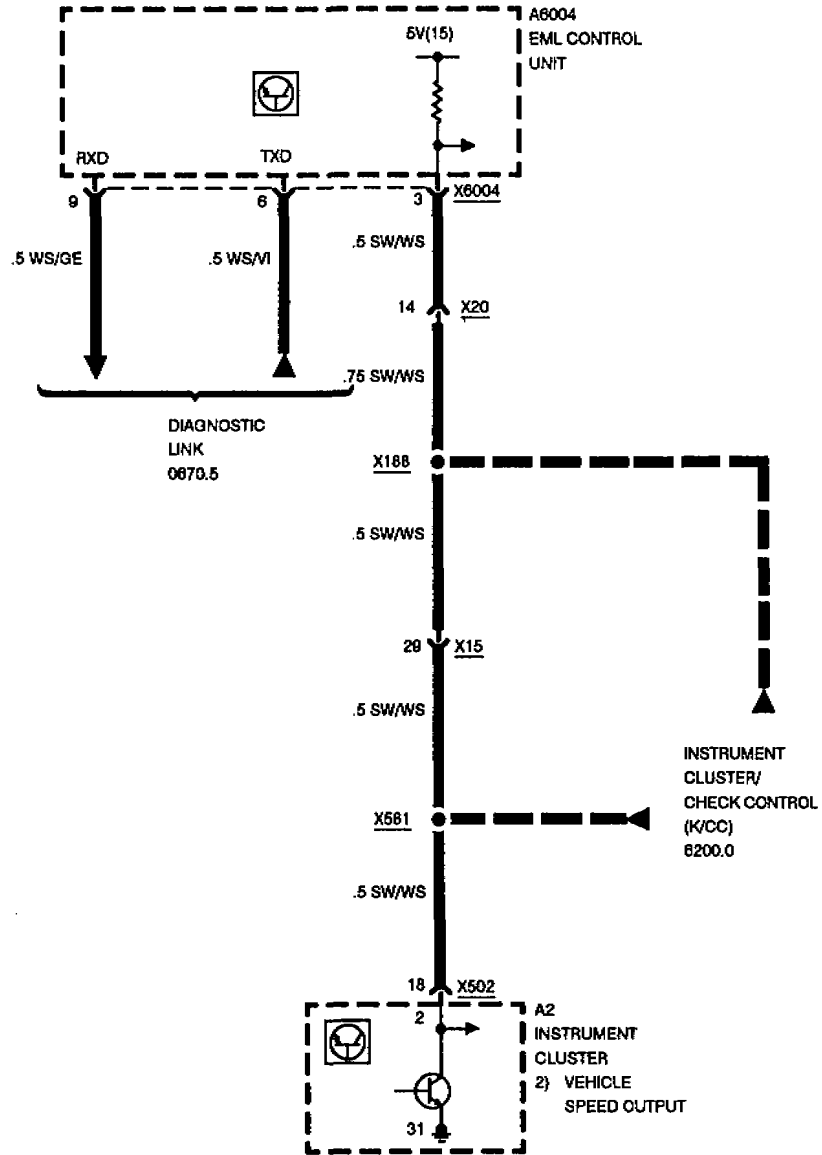
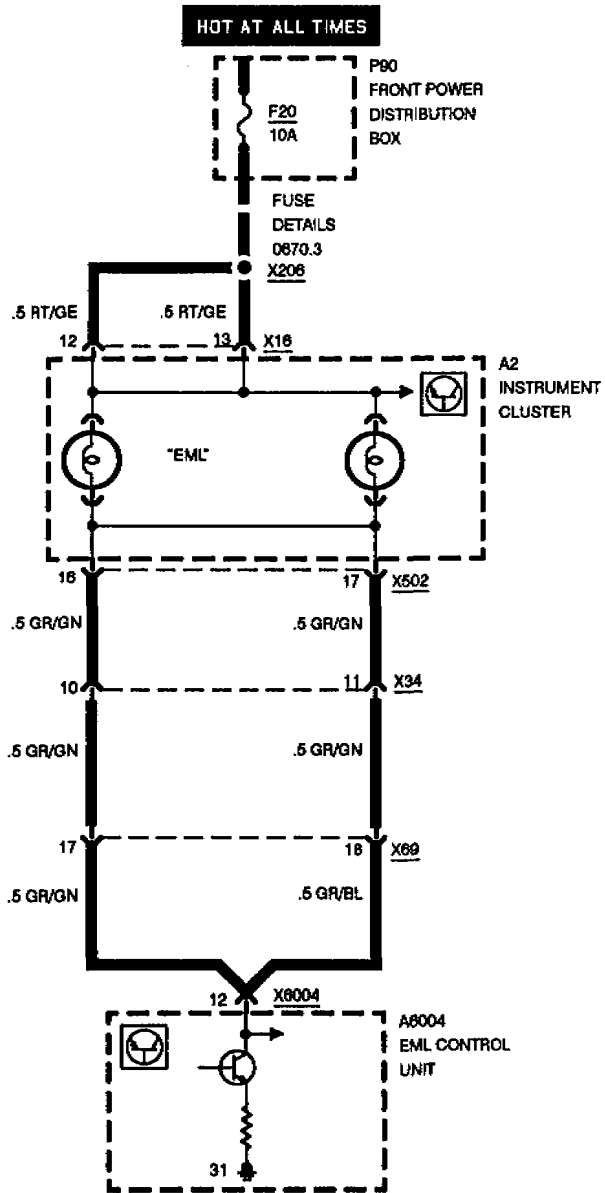


ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)



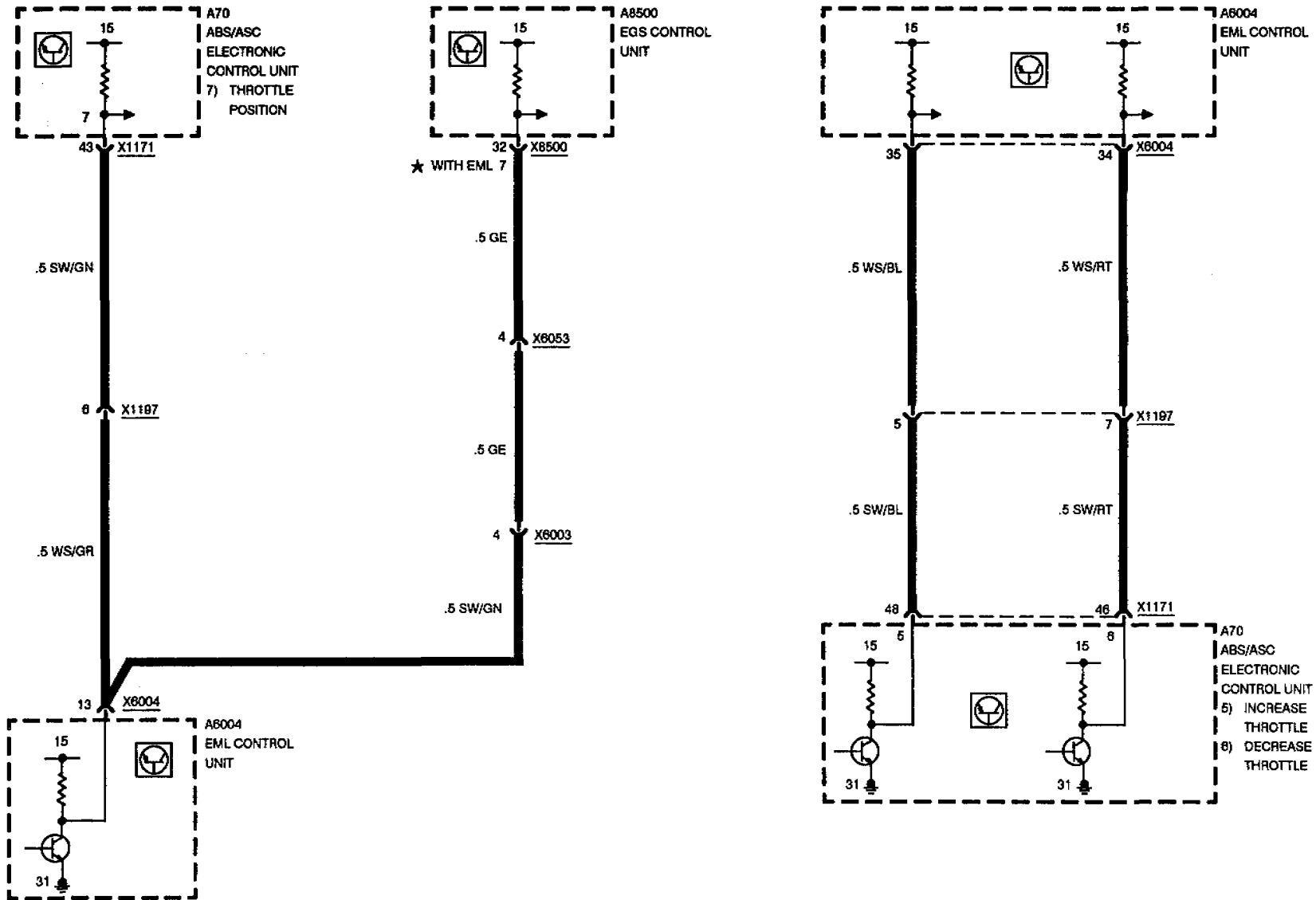


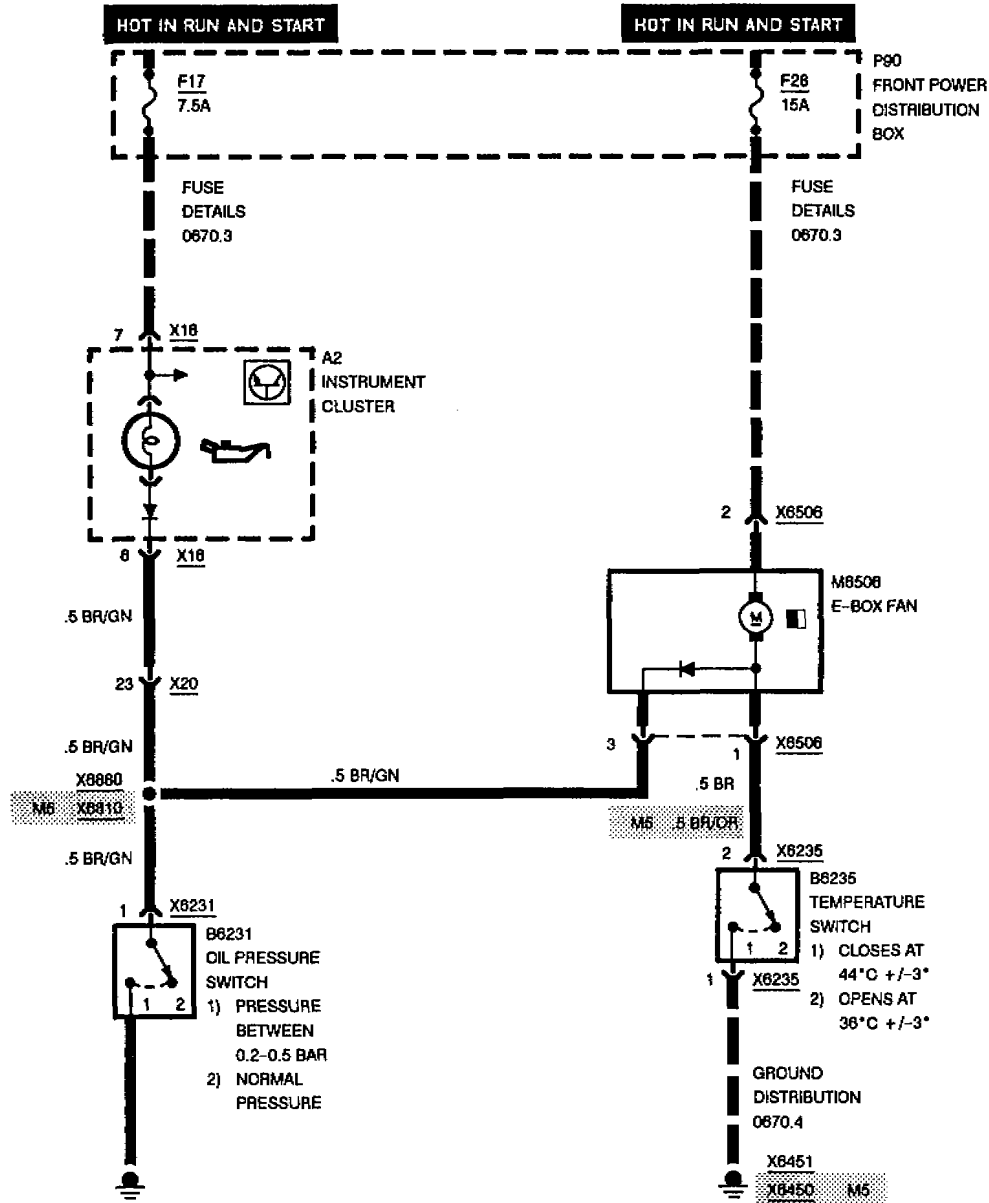
ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER)

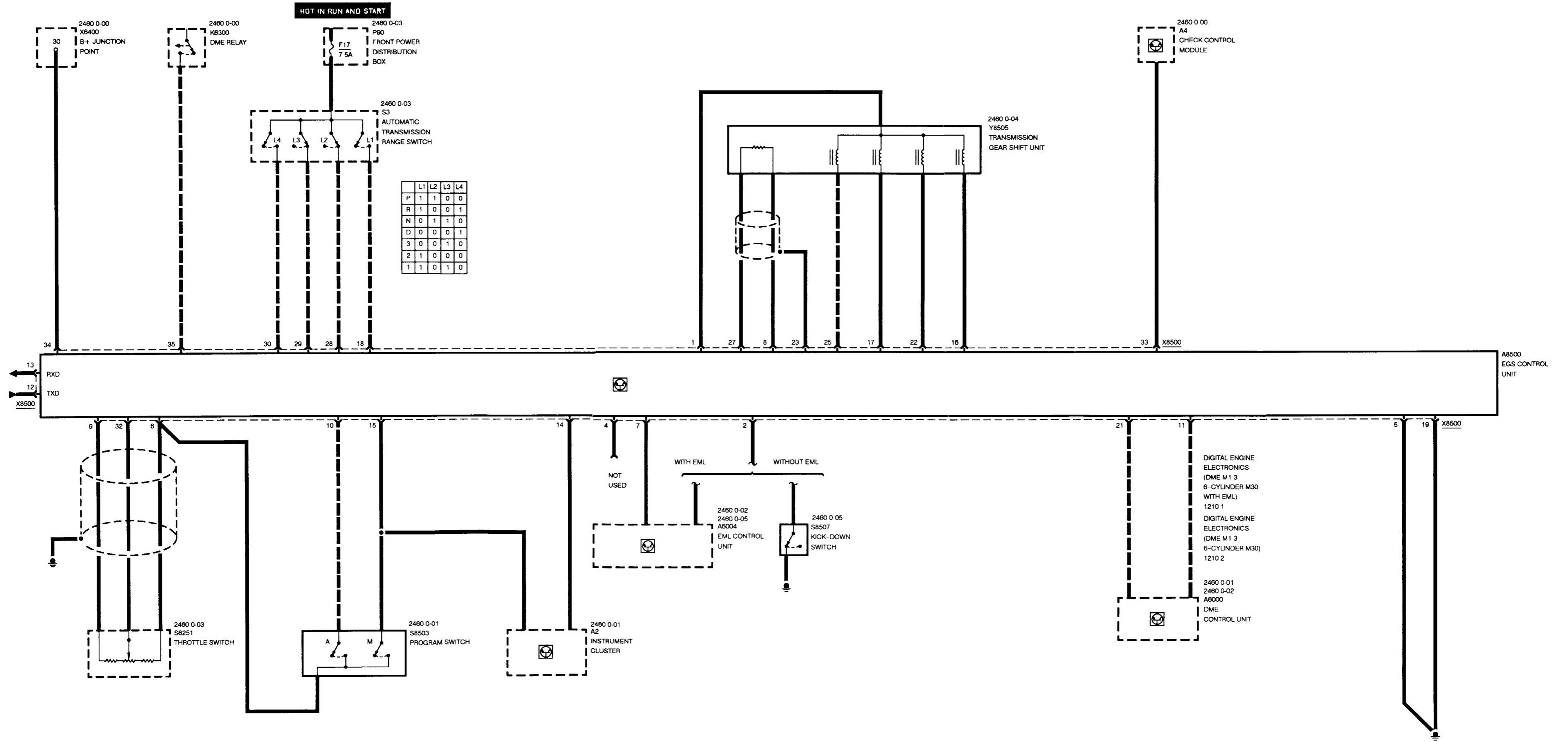




ELECTRONIC THROTTLE CONTROL (EML 6-CYLINDER) DIGITAL ENGINE ELECTRONICS







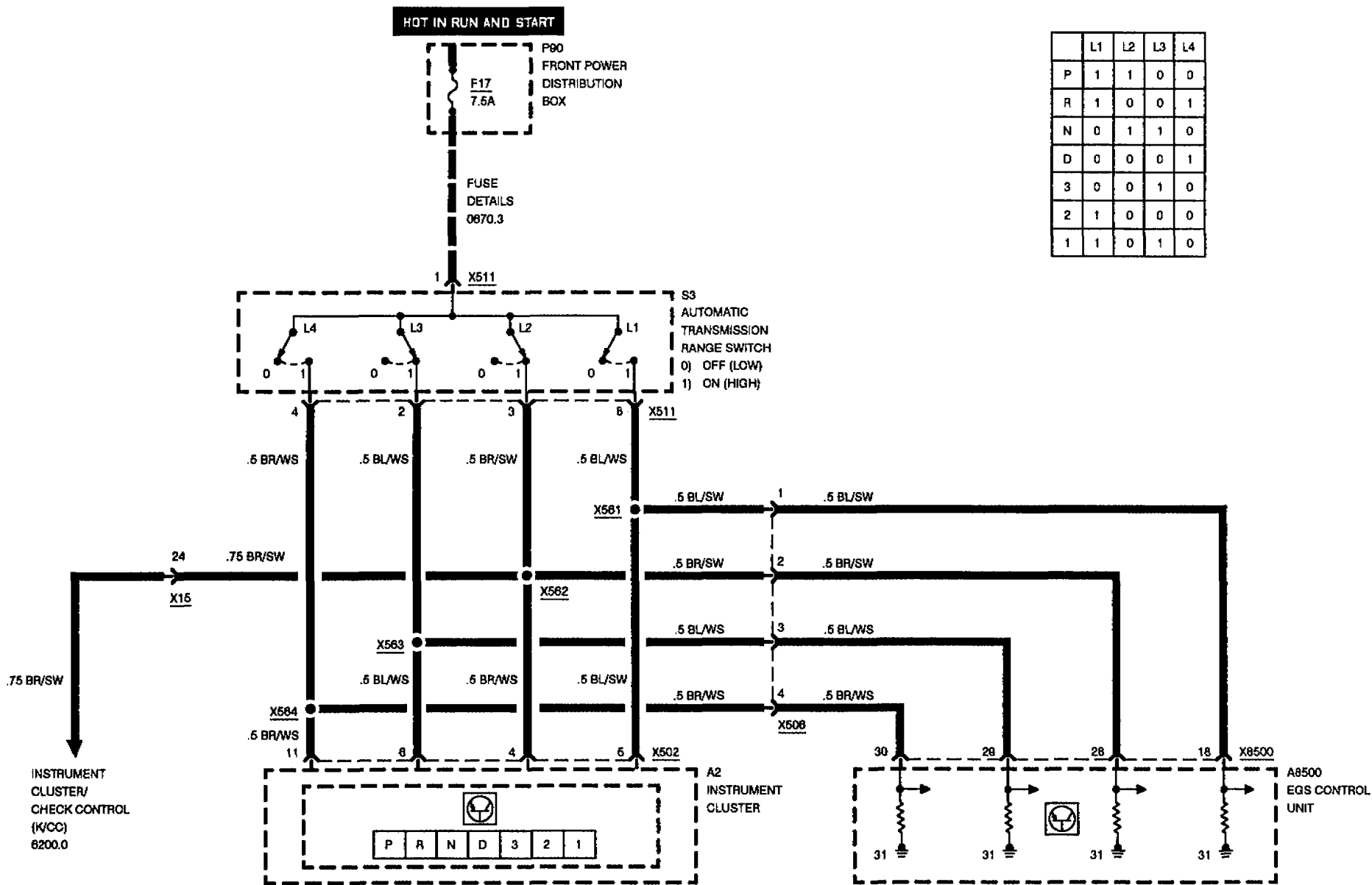


ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22)

02/92

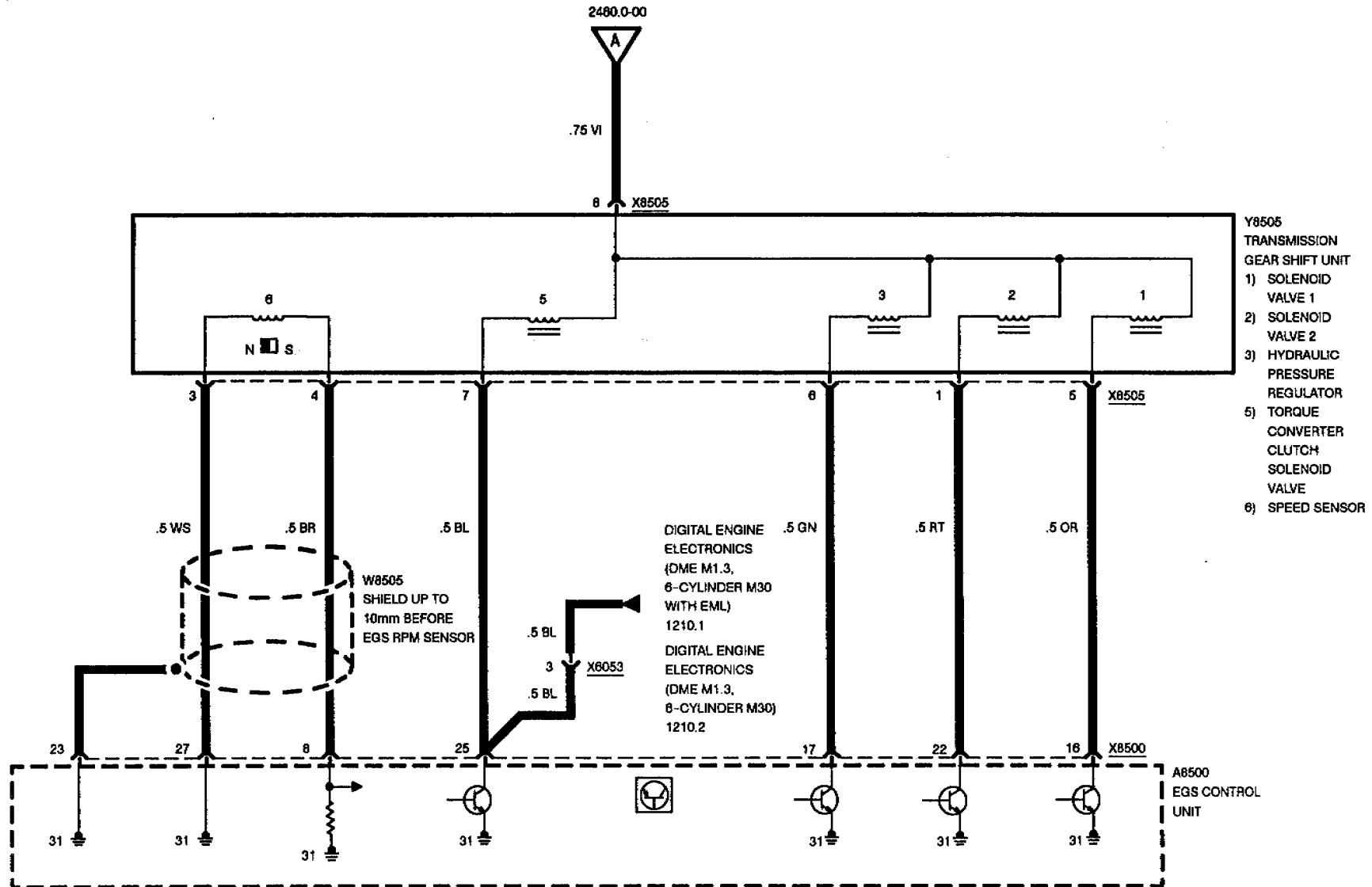
2460.0-03

1991



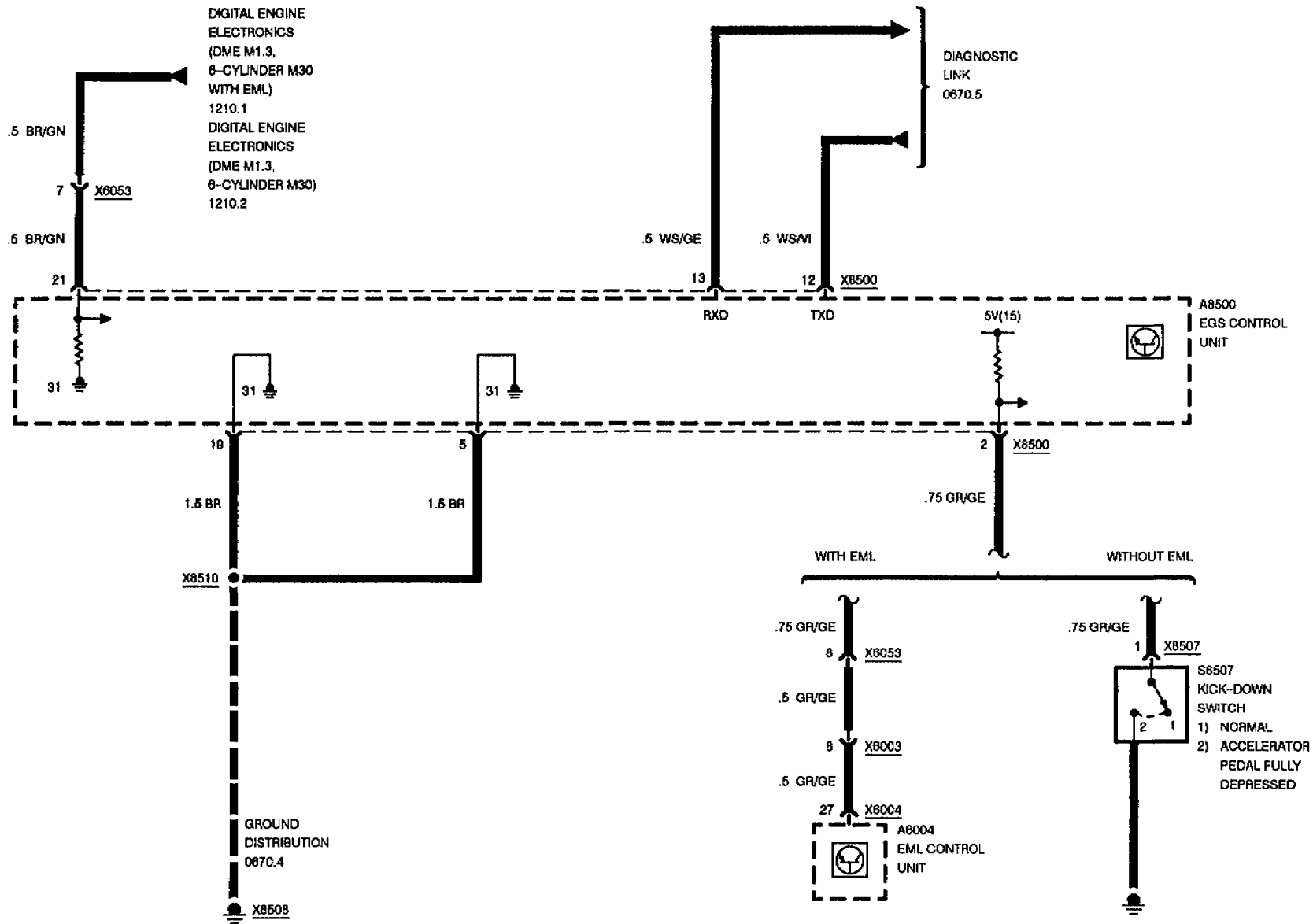


ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22)



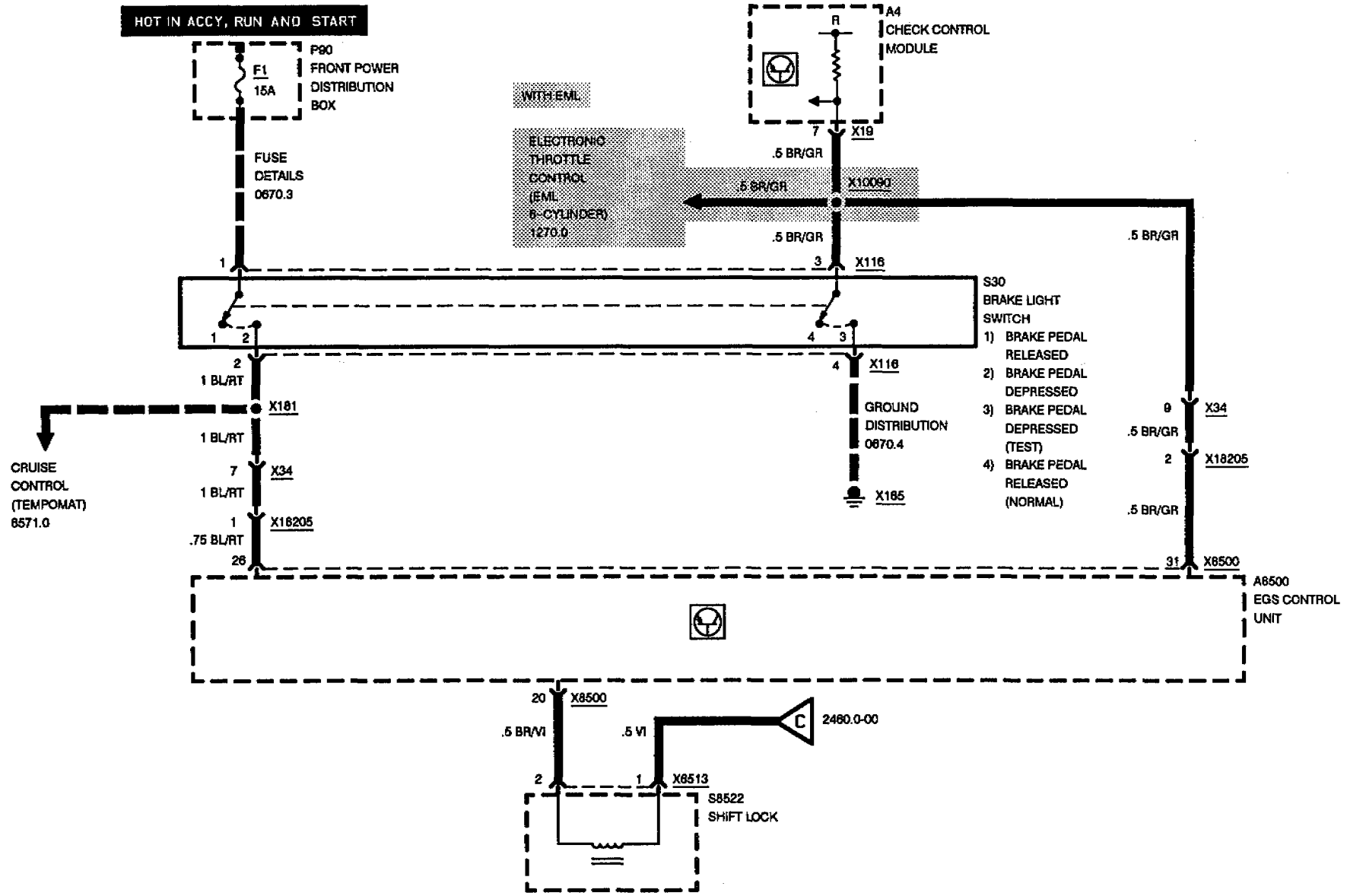


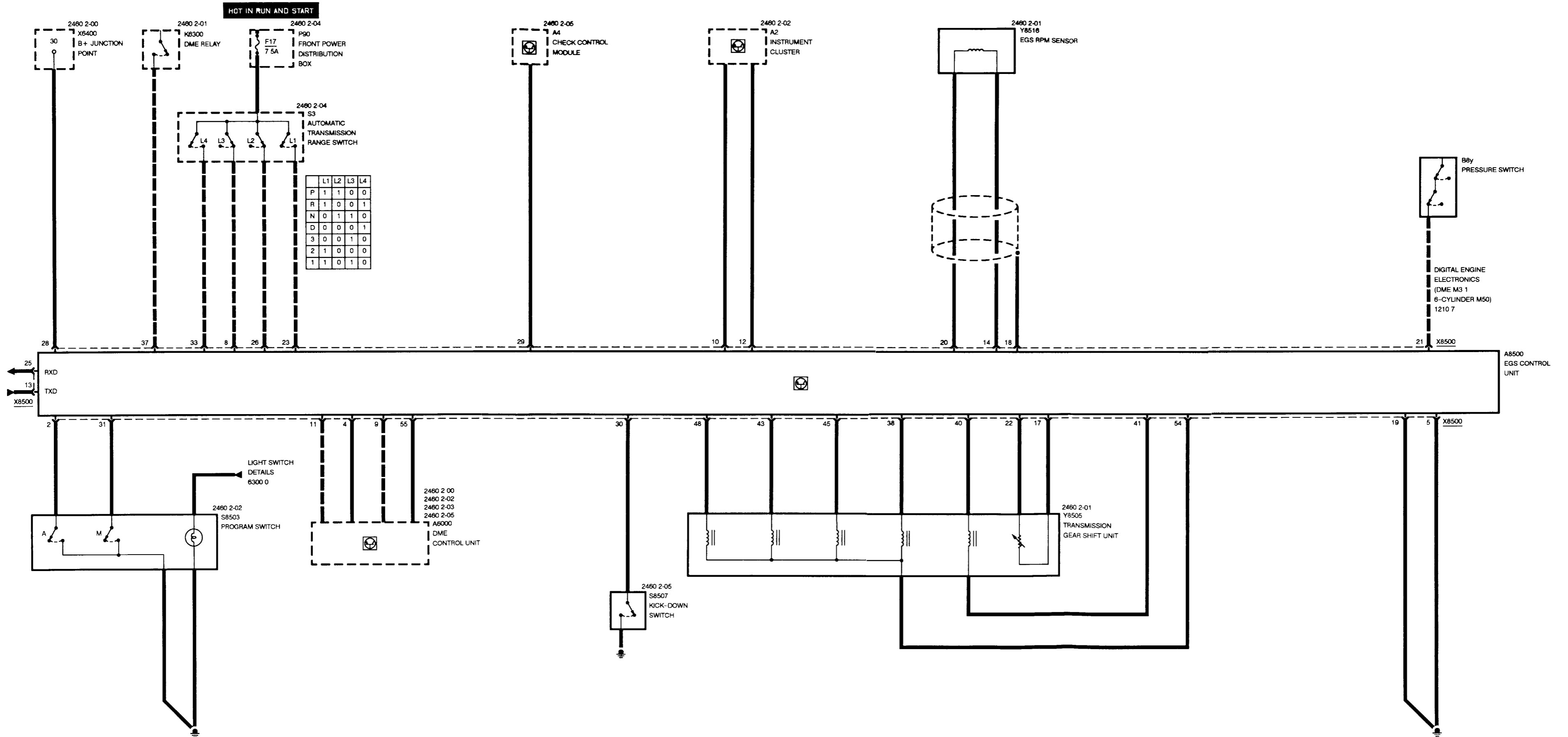
ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22)





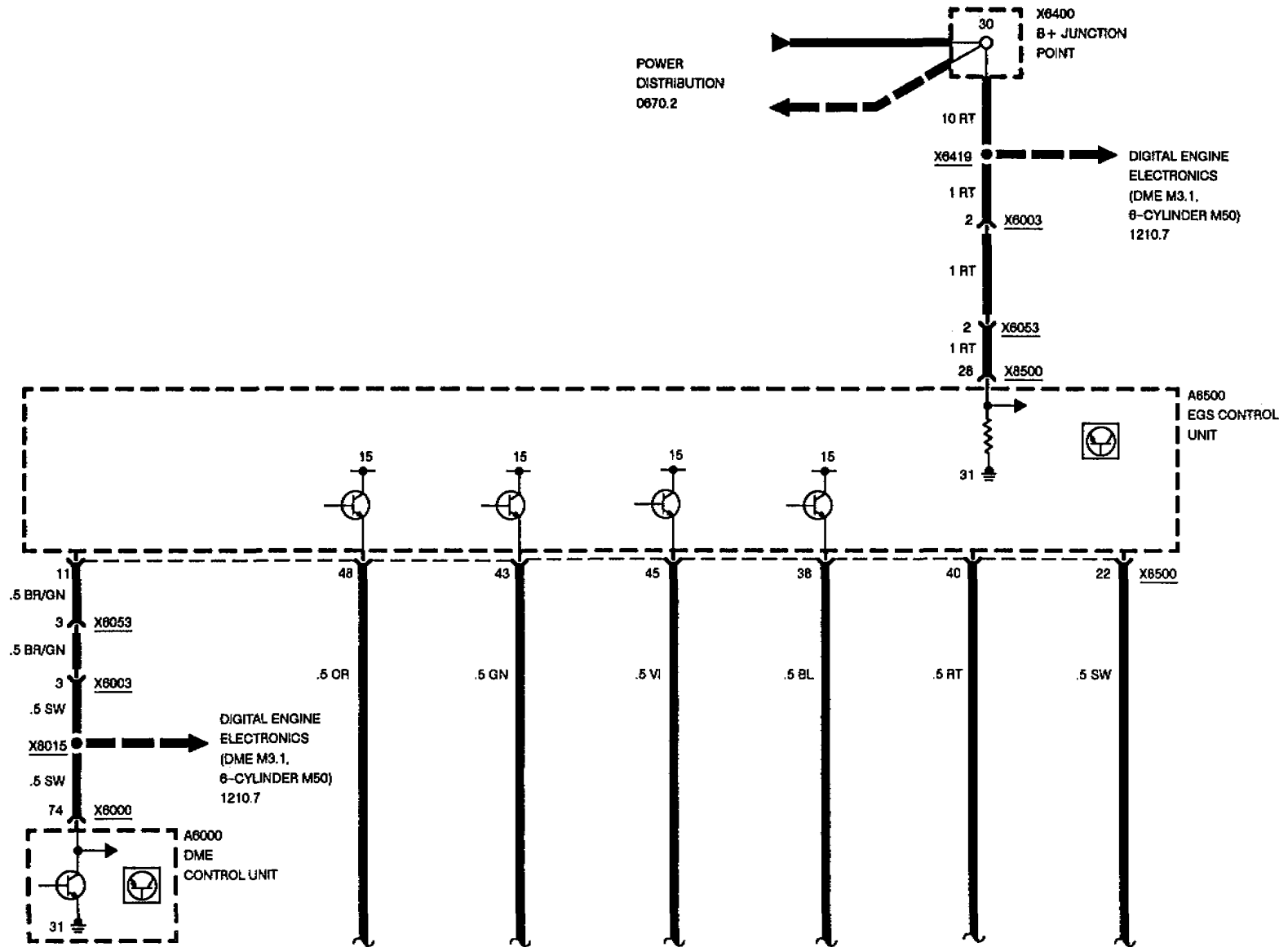
ELECTRONIC TRANSMISSION CONTROL (EGS 4HP-22/24) SHIFT LOCK

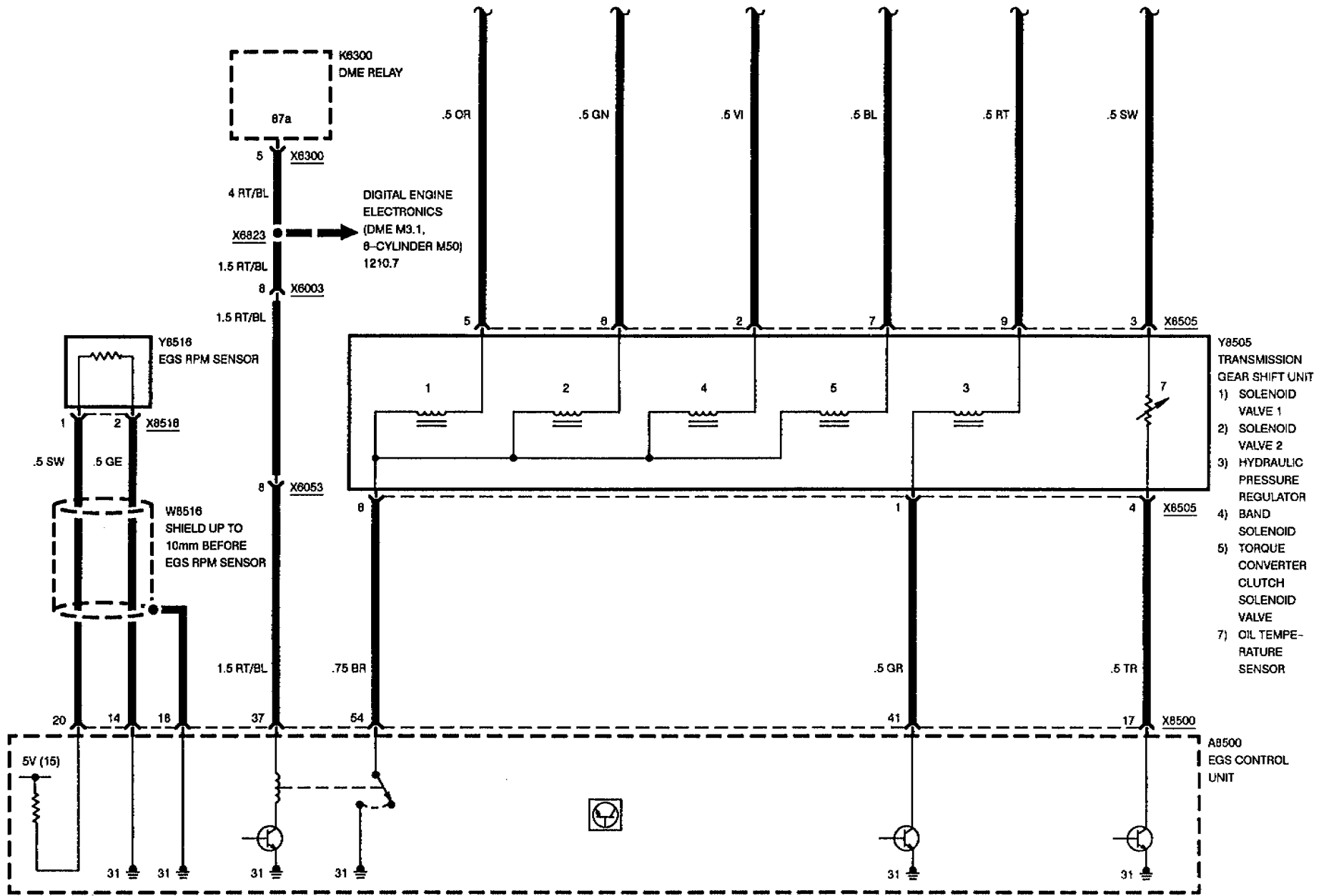






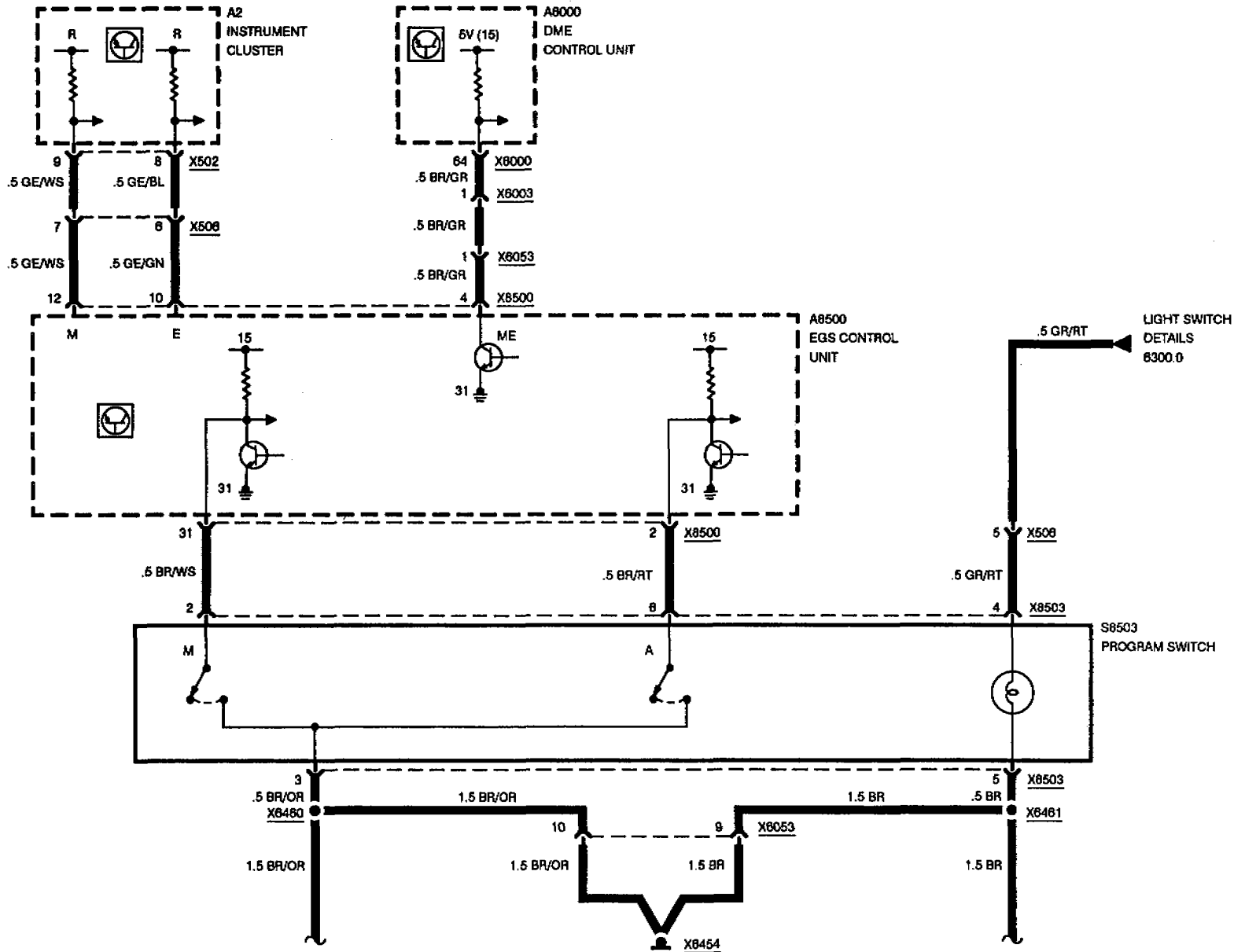
ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)







ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

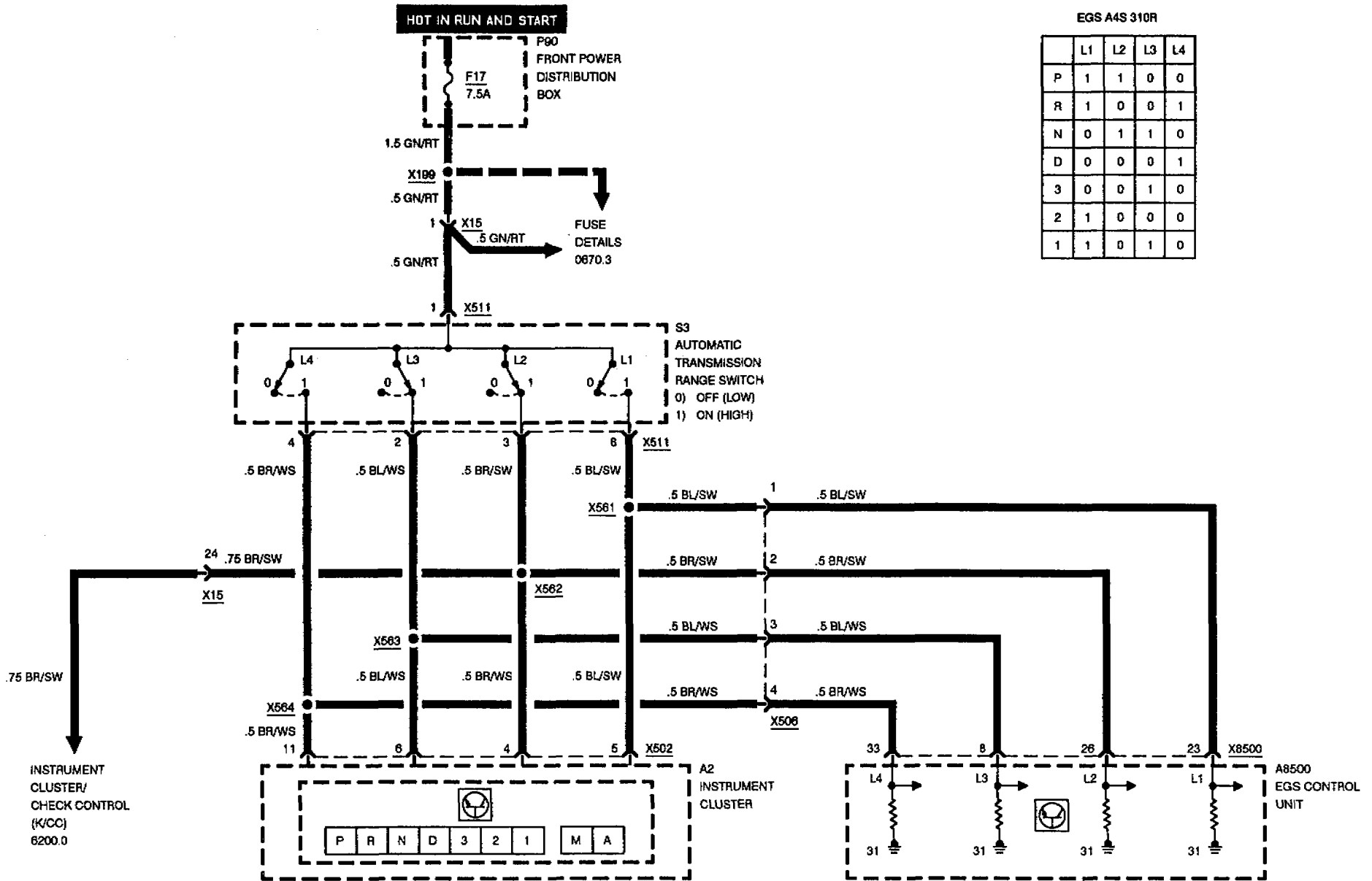




ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)

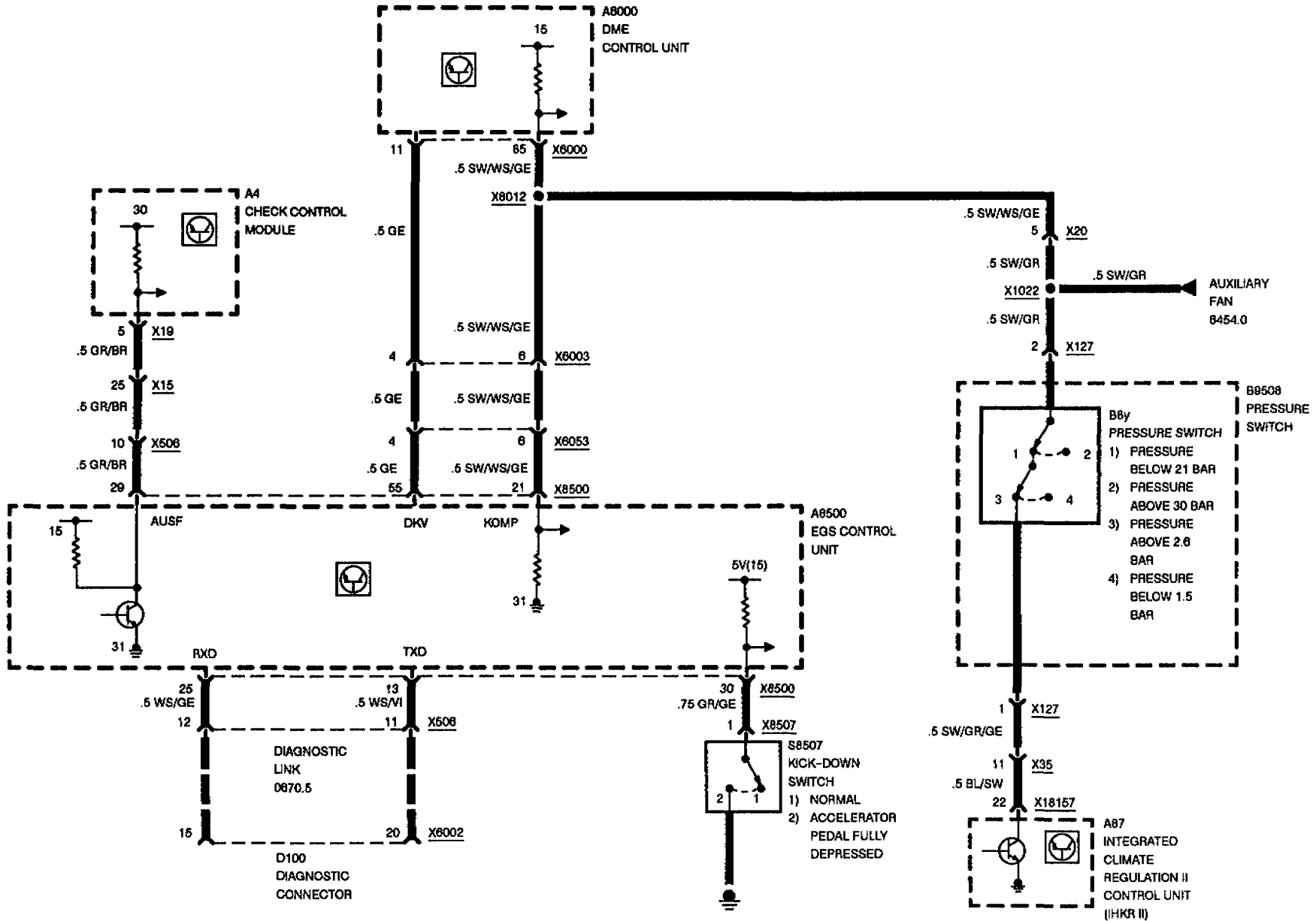
EGS A4S 310R

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



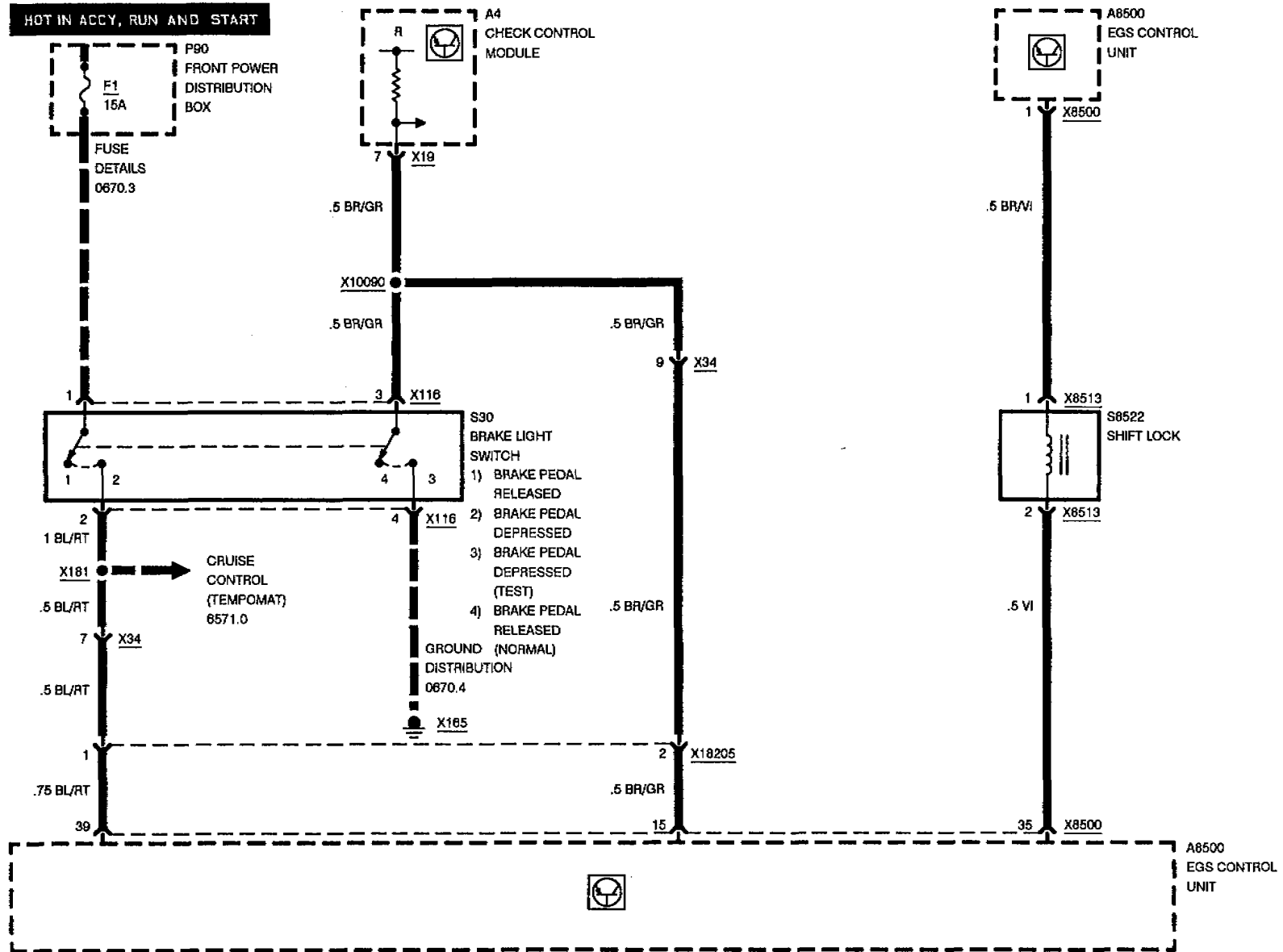


ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)



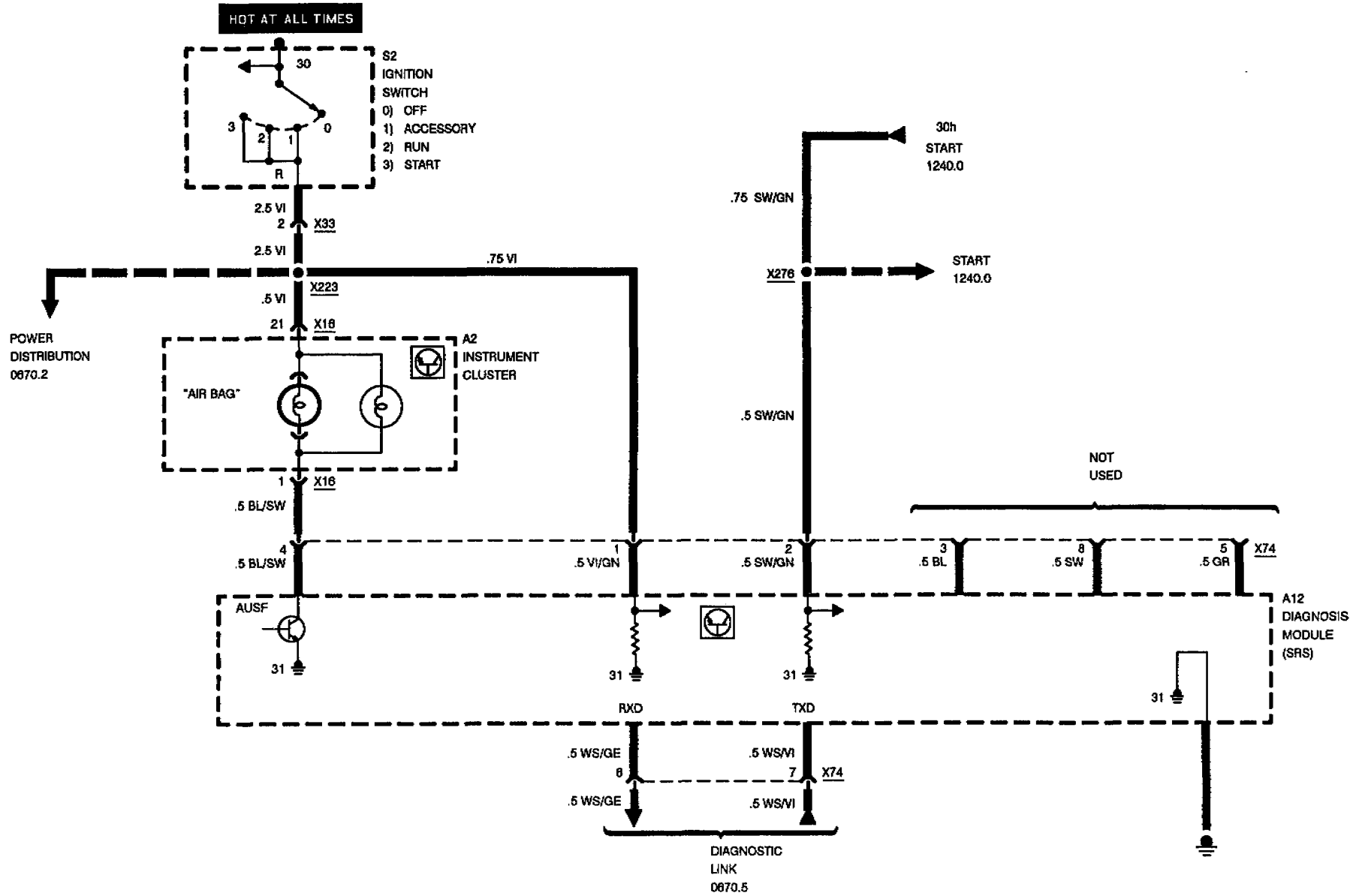


ELECTRONIC TRANSMISSION CONTROL (EGS A4S 310R)





SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)



SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

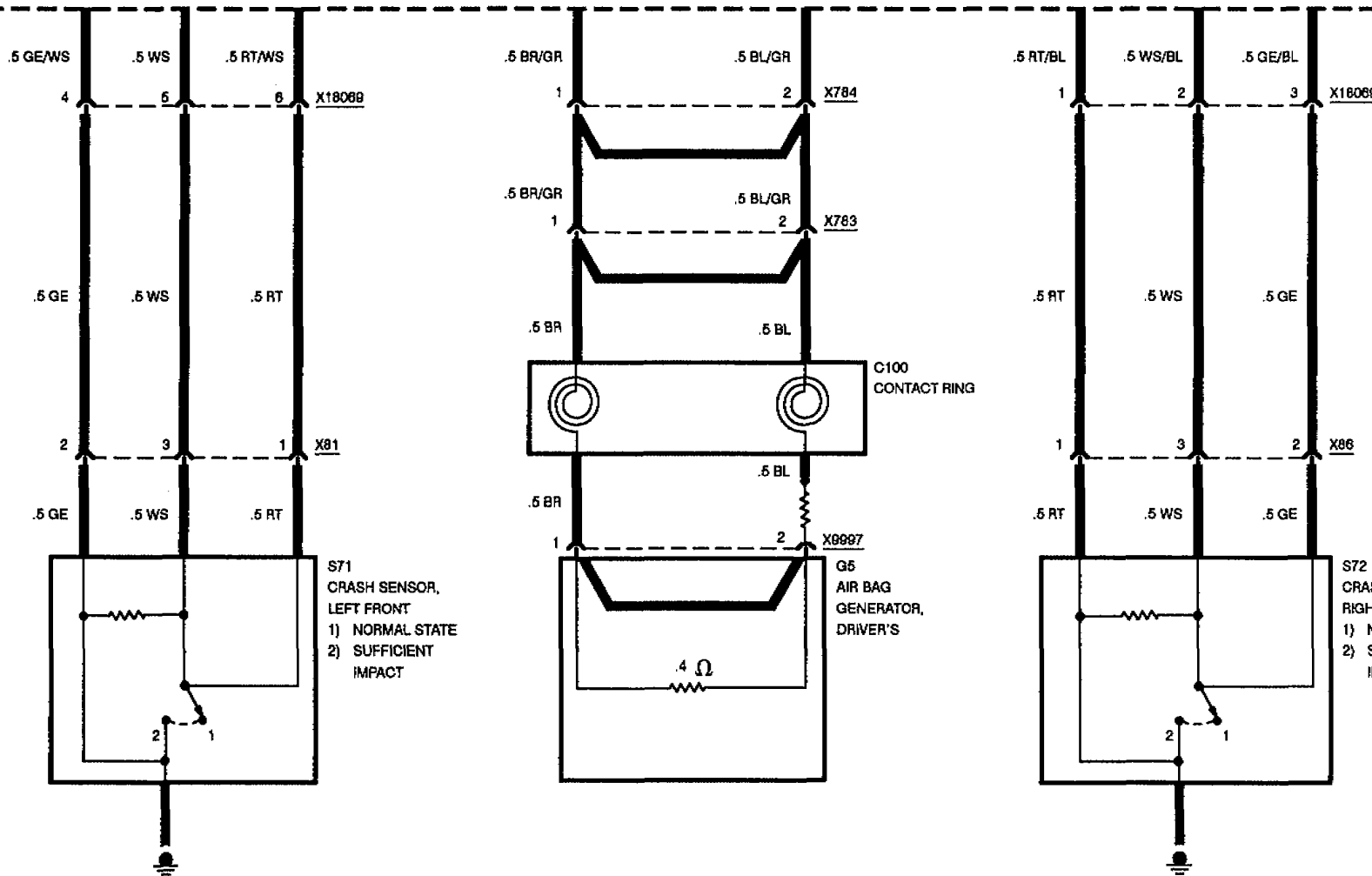


A12
DIAGNOSIS
MODULE
(SRS)

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

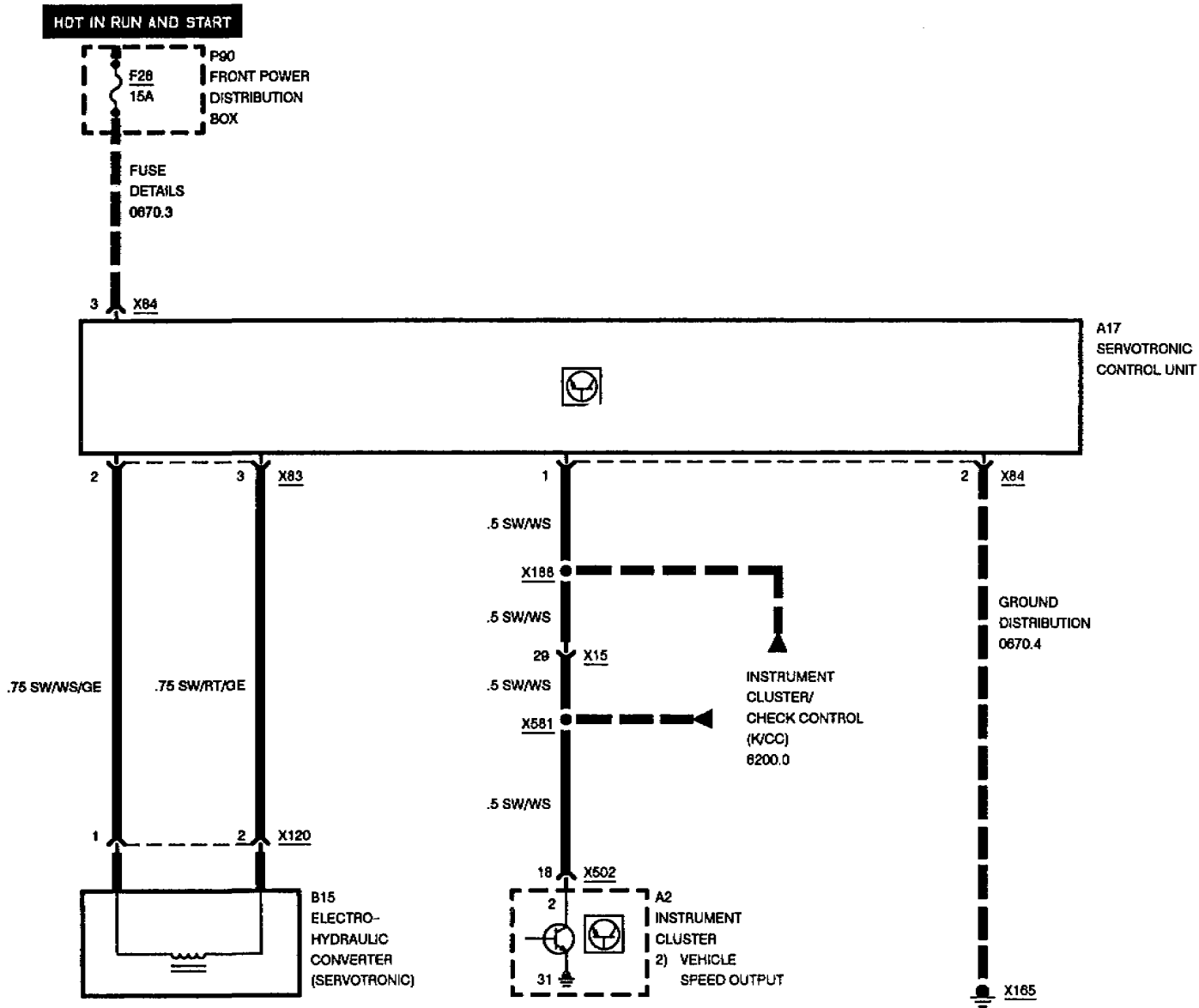
THE BRIDGES SHORT THE GENERATOR LEADS TOGETHER TO PREVENT UNINTENTIONAL TRIGGERING OF THE IGNITER WHEN WORKING ON THE AIRBAG SYSTEM.

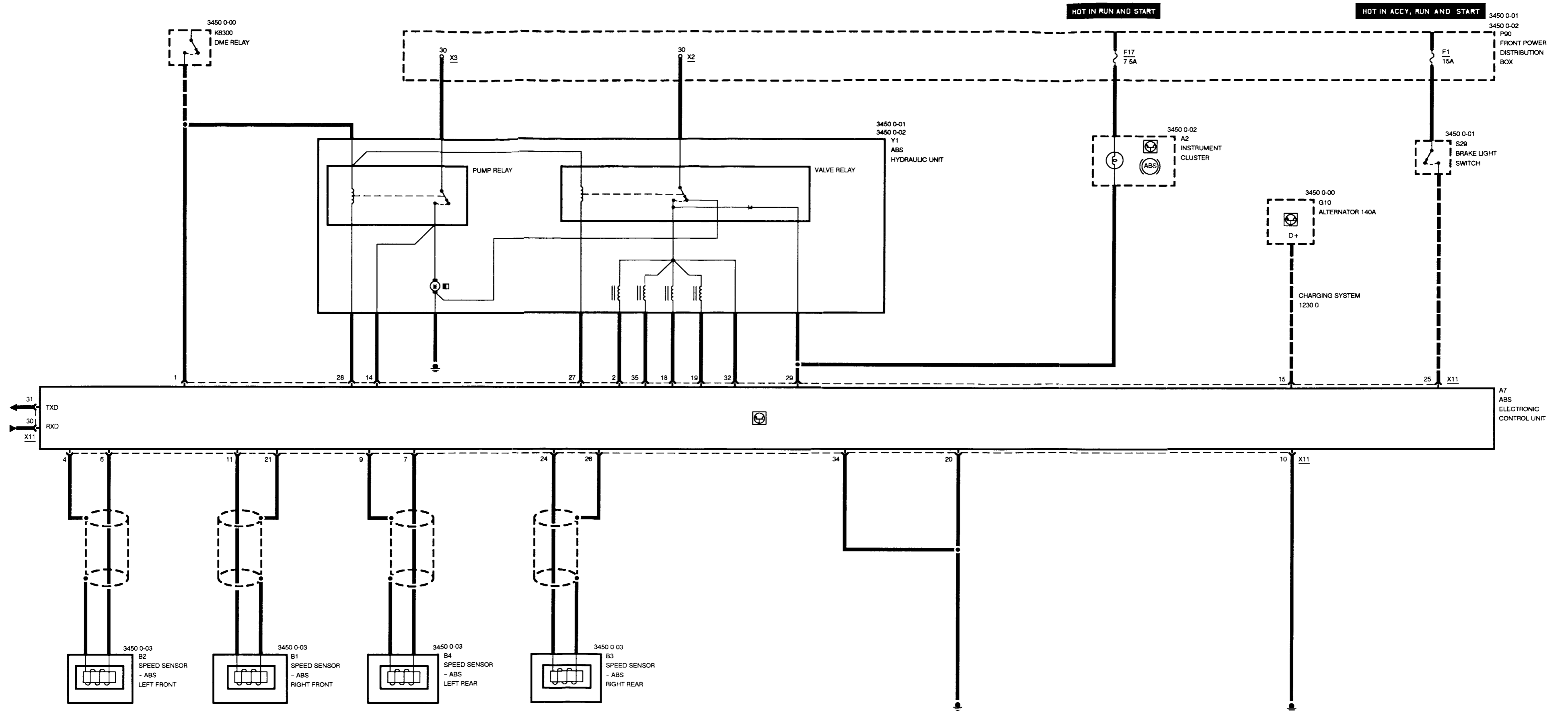
ONLY SPECIAL TOOLS 61 1280 AND 62 1280 (TEST LEADS) MAY BE USED TO CHECK THE WIRE LOOP AND IGNITER RESISTANCE.





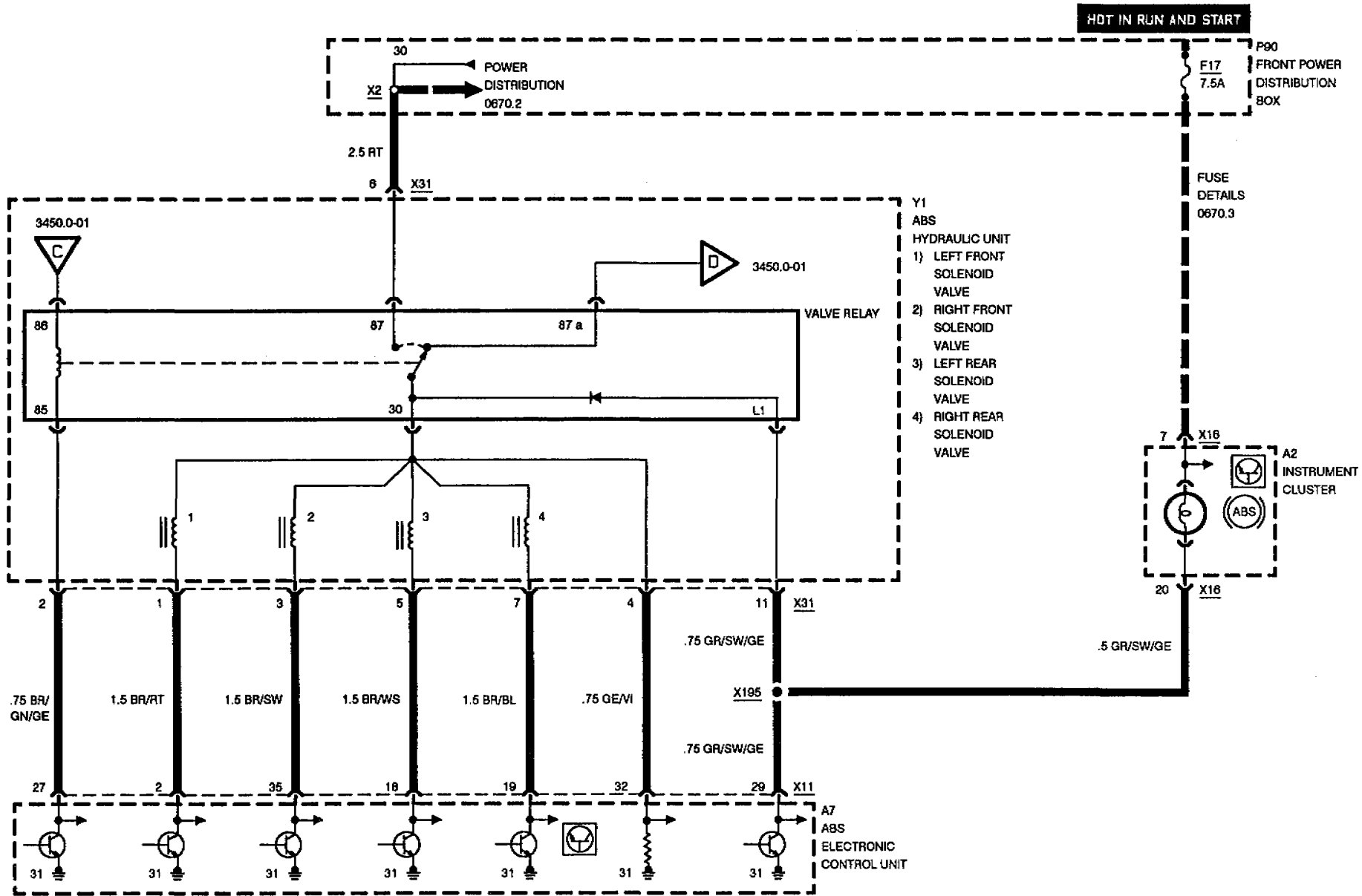
POWER ASSIST STEERING (SERVOTRONIC)



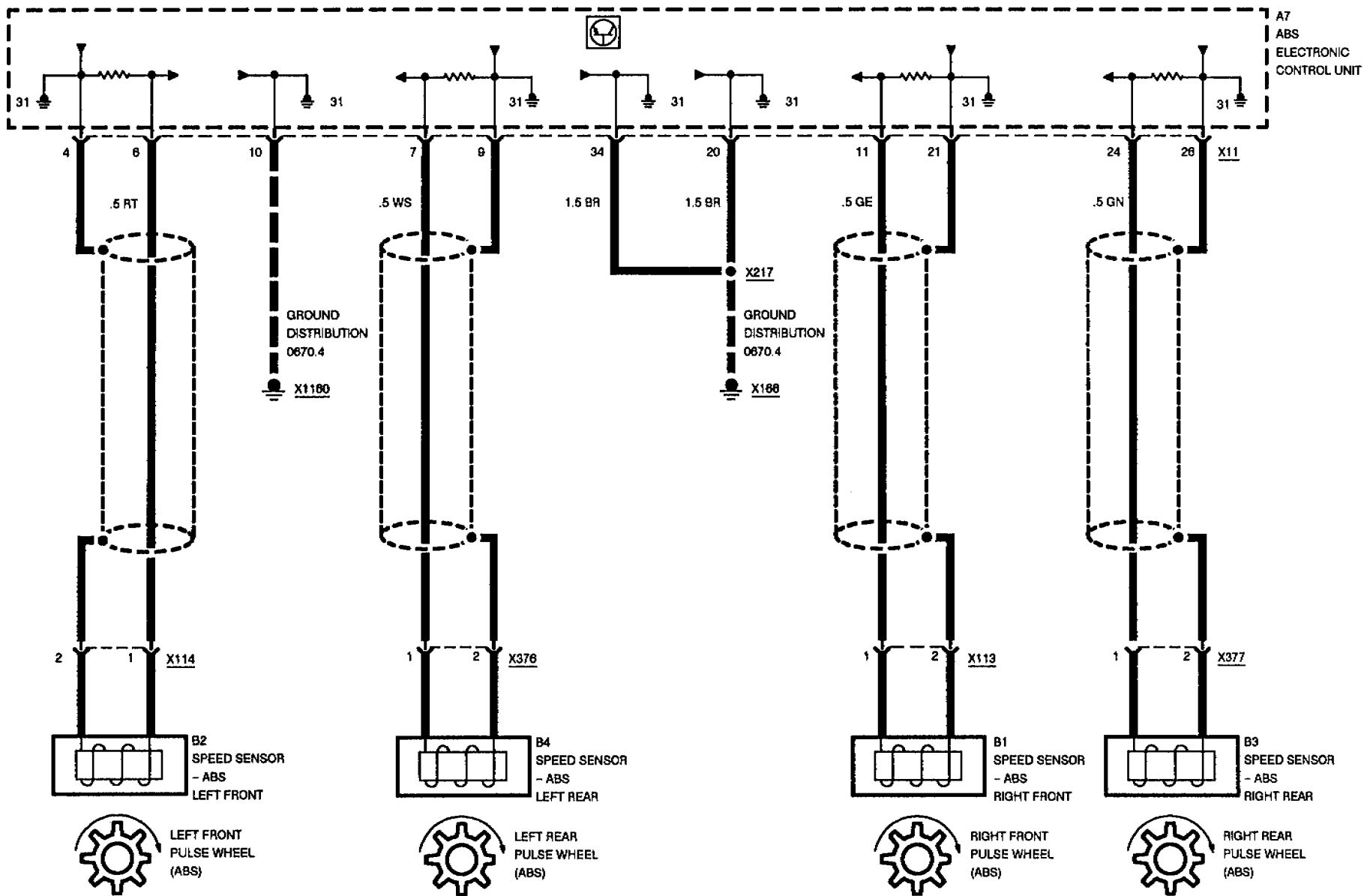


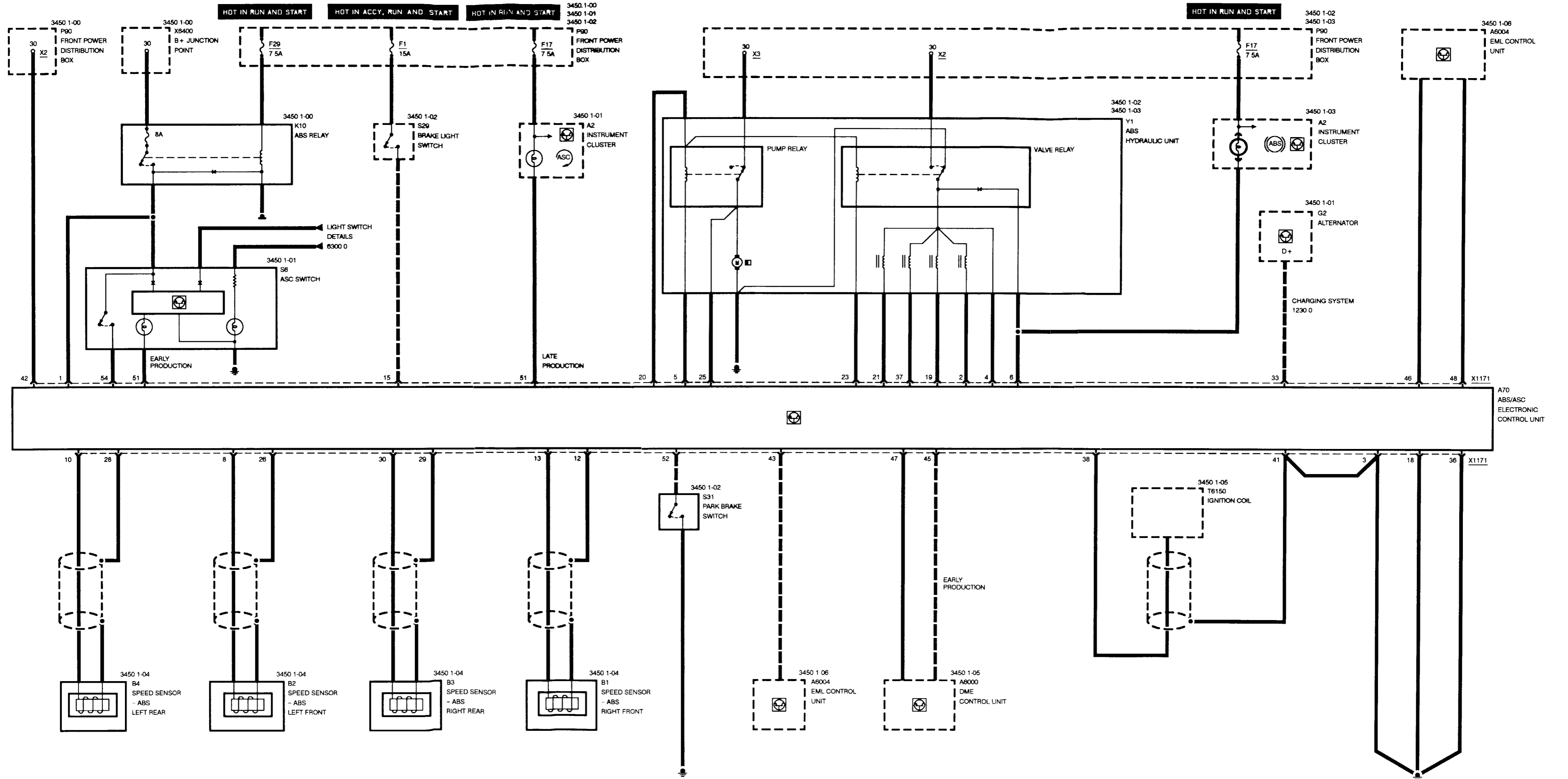


ANTILOCK BRAKE SYSTEM (ABS)



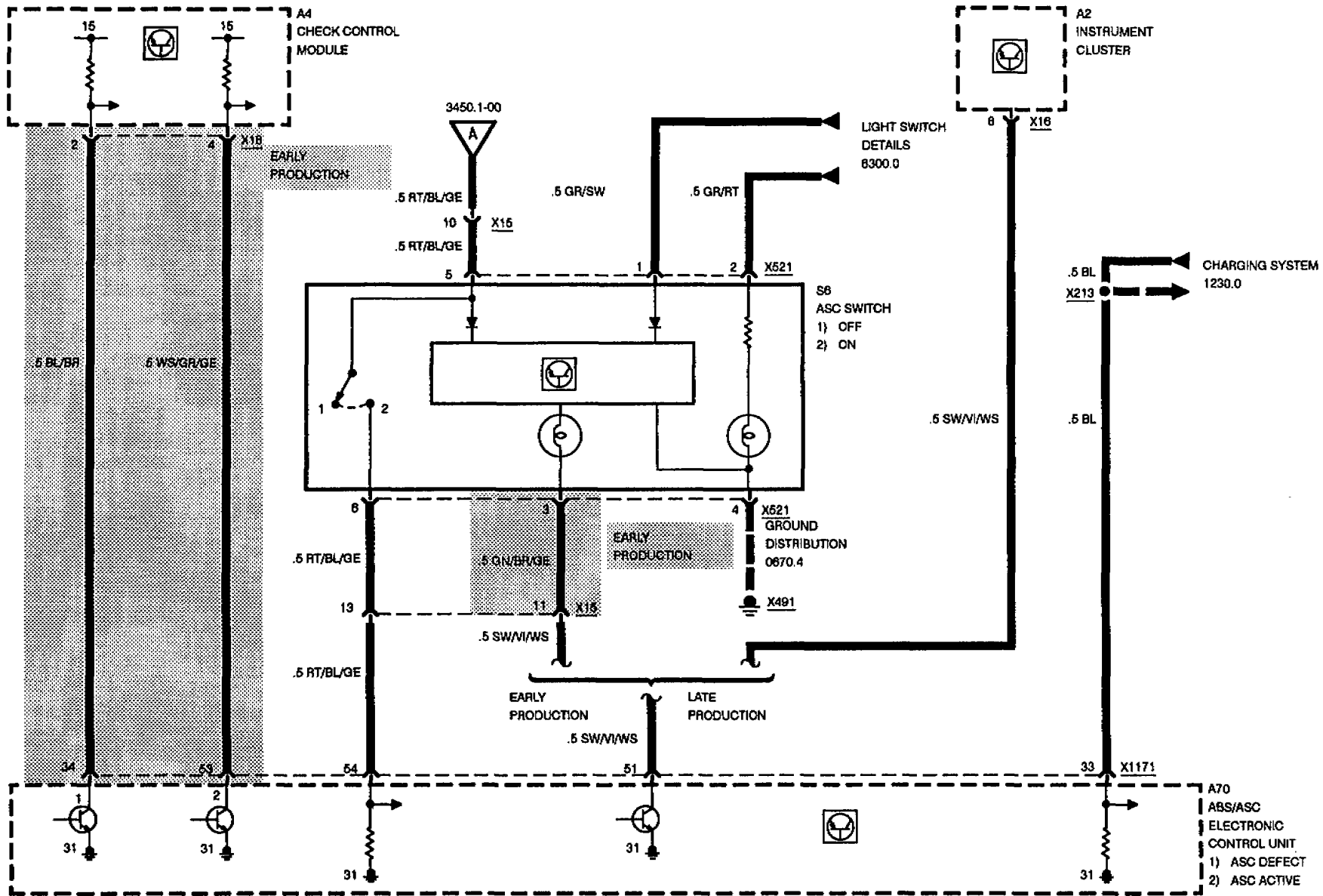
ANTILOCK BRAKE SYSTEM (ABS)







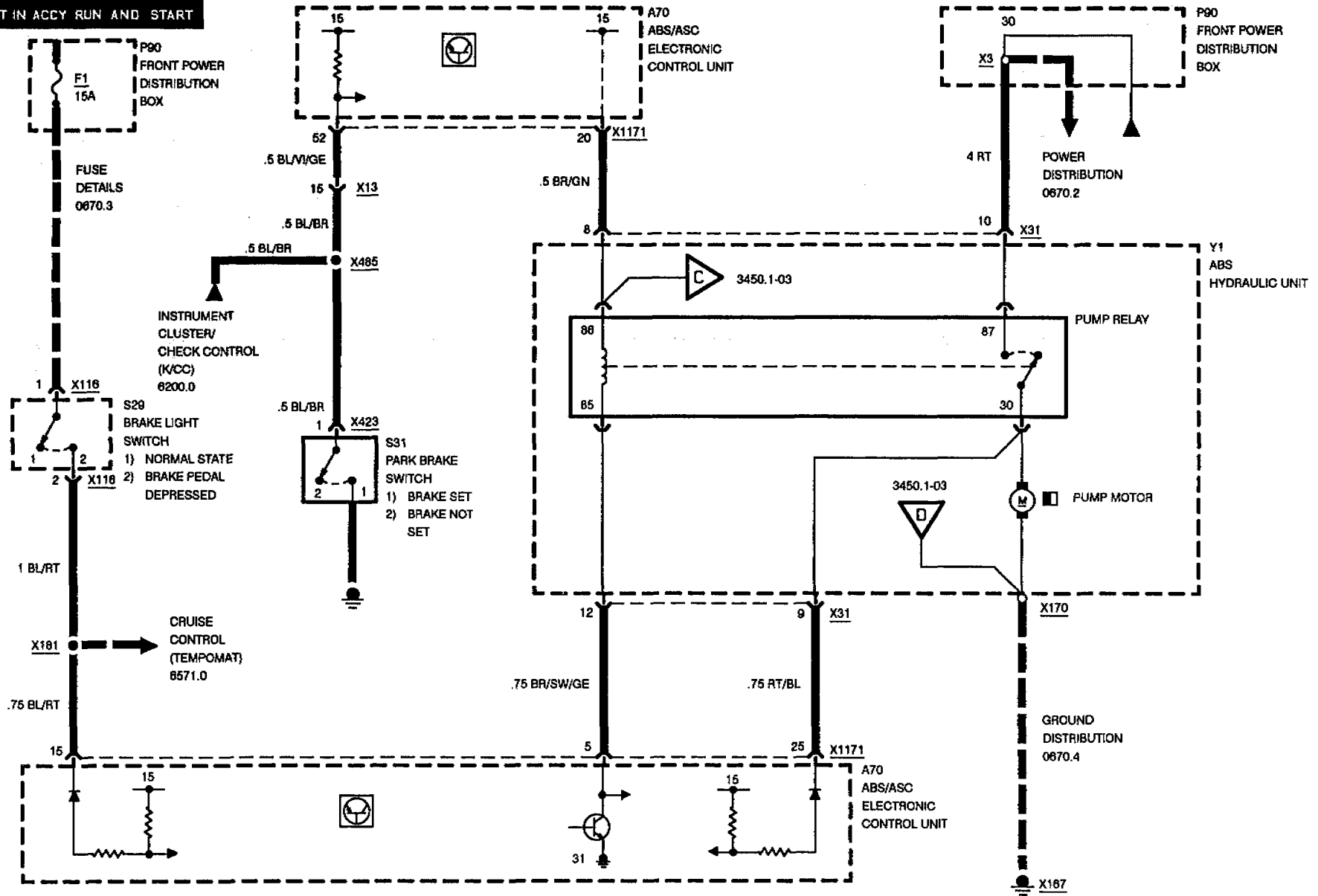
AUTOMATIC STABILITY CONTROL (ASC)



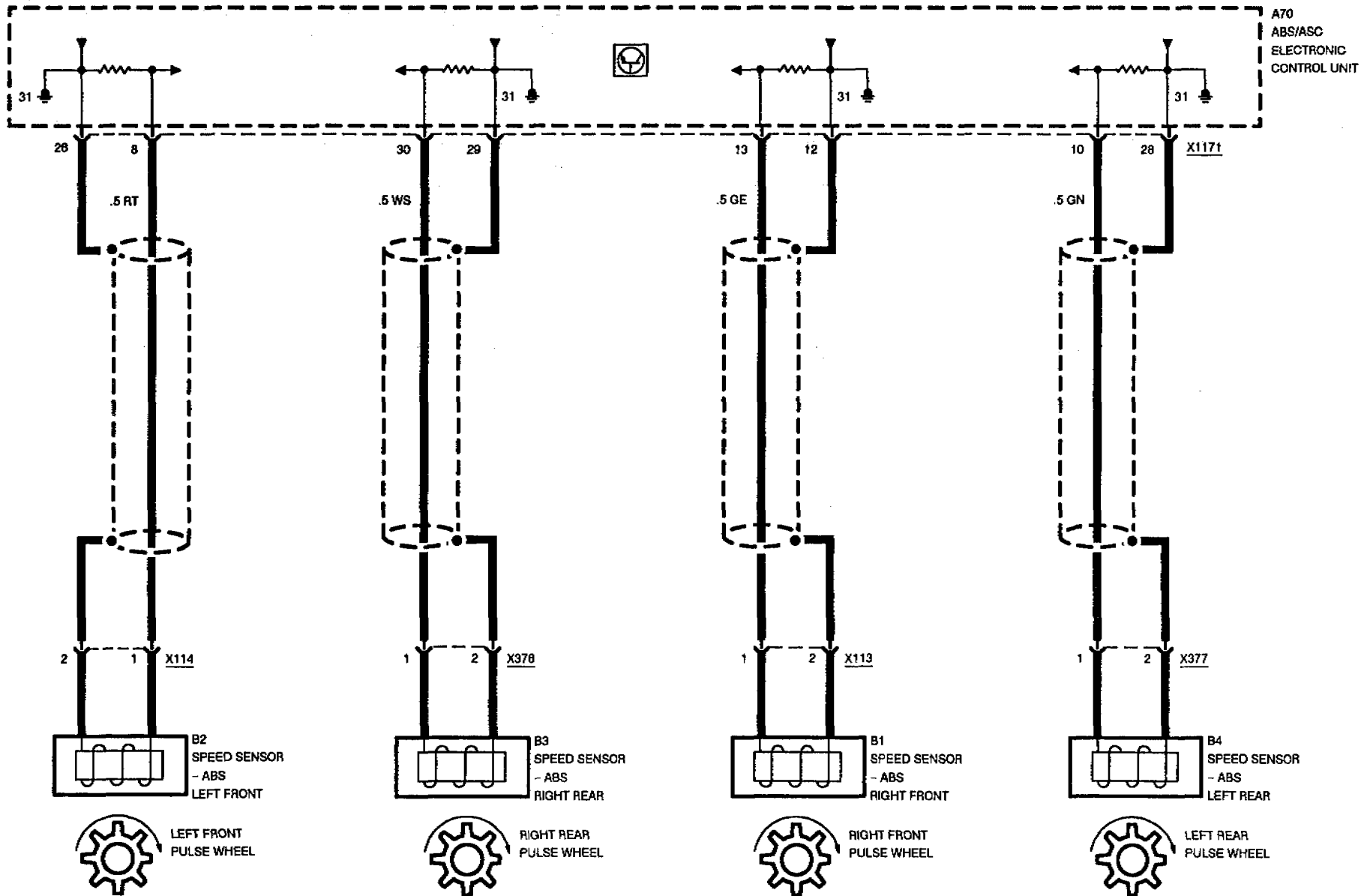


AUTOMATIC STABILITY CONTROL (ASC)

HOT IN ACCY RUN AND START

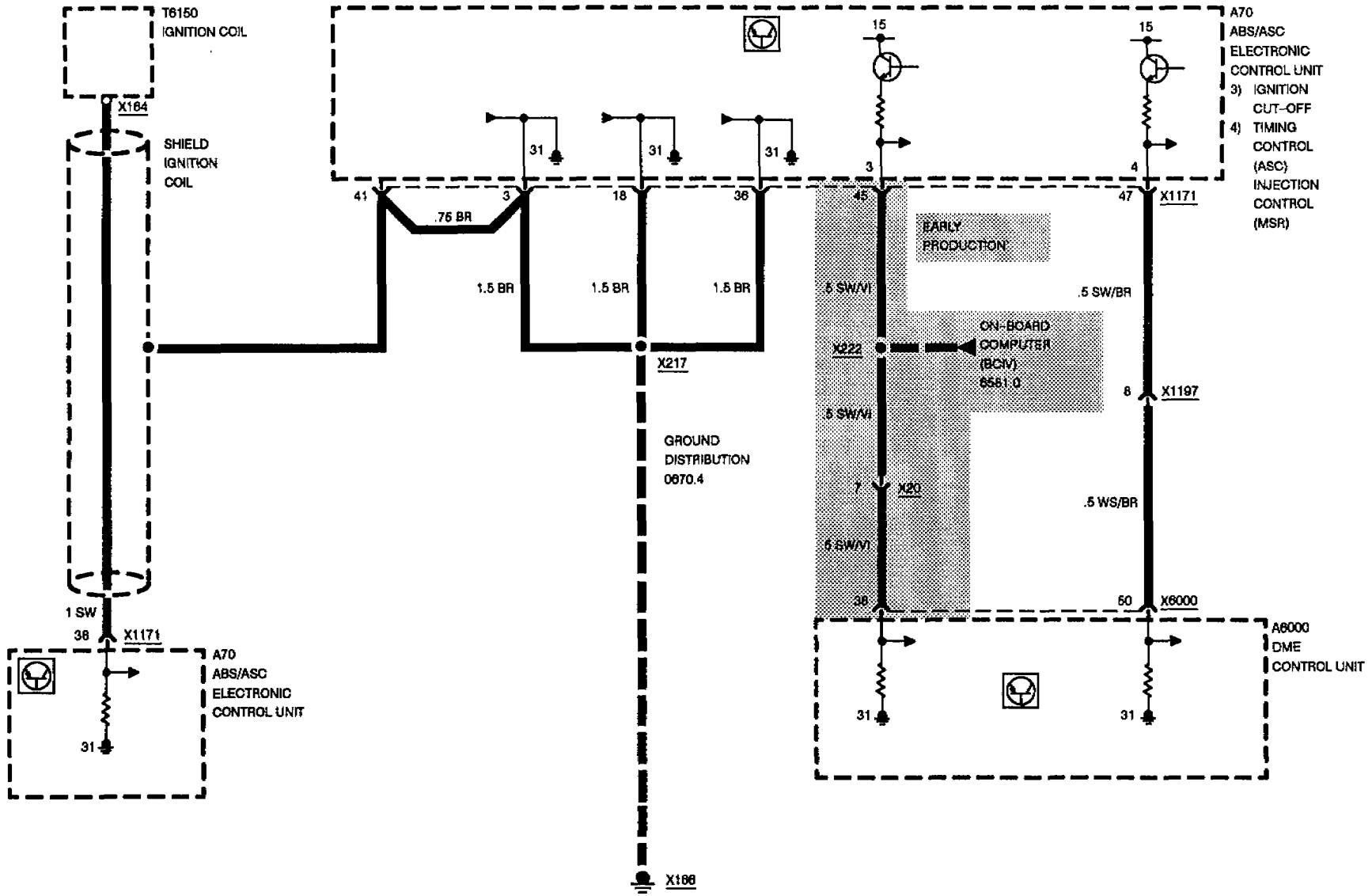


AUTOMATIC STABILITY CONTROL (ASC)





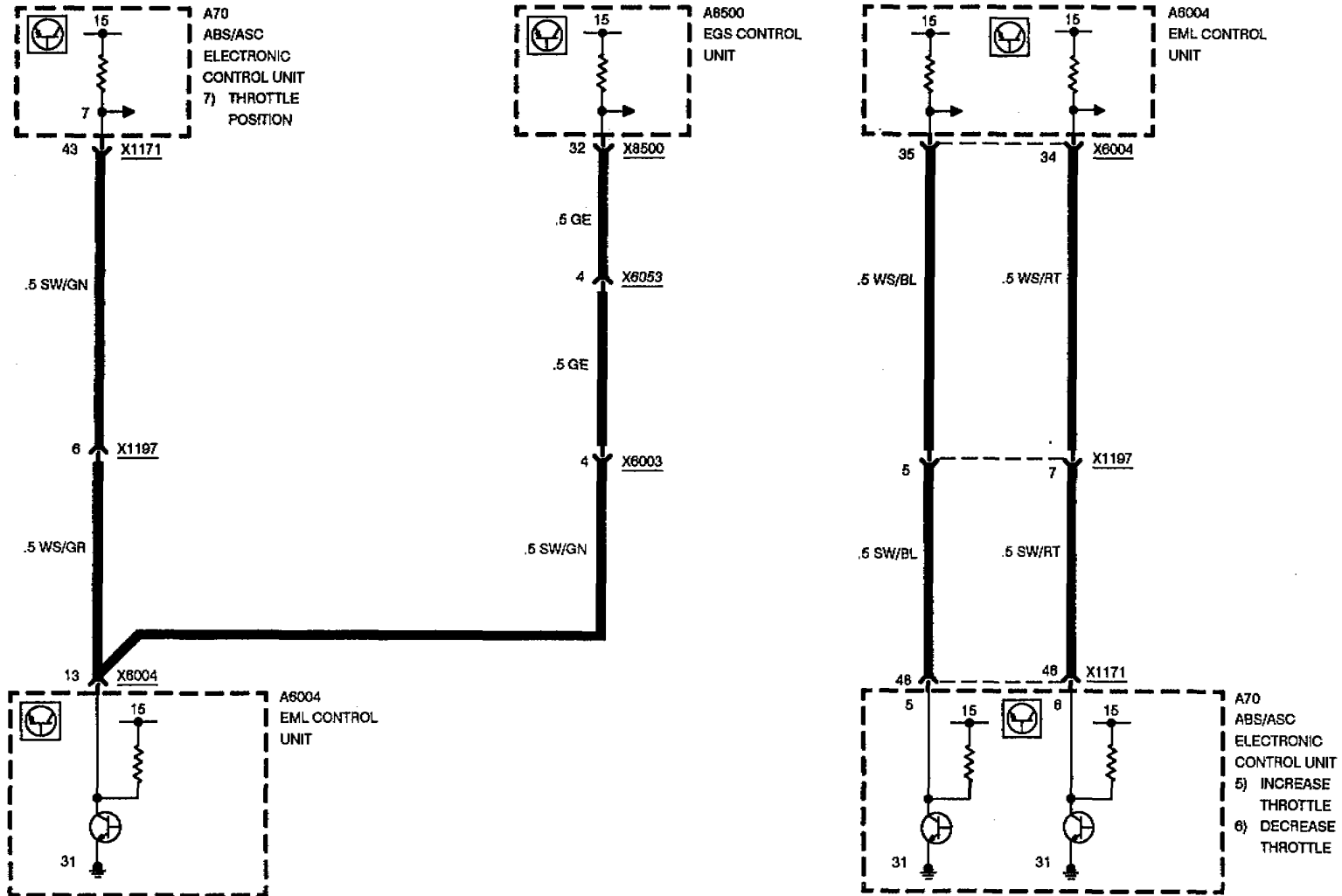
AUTOMATIC STABILITY CONTROL (ASC) DME INTERFACE





AUTOMATIC STABILITY CONTROL (ASC)

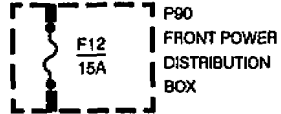
EML INTERFACE





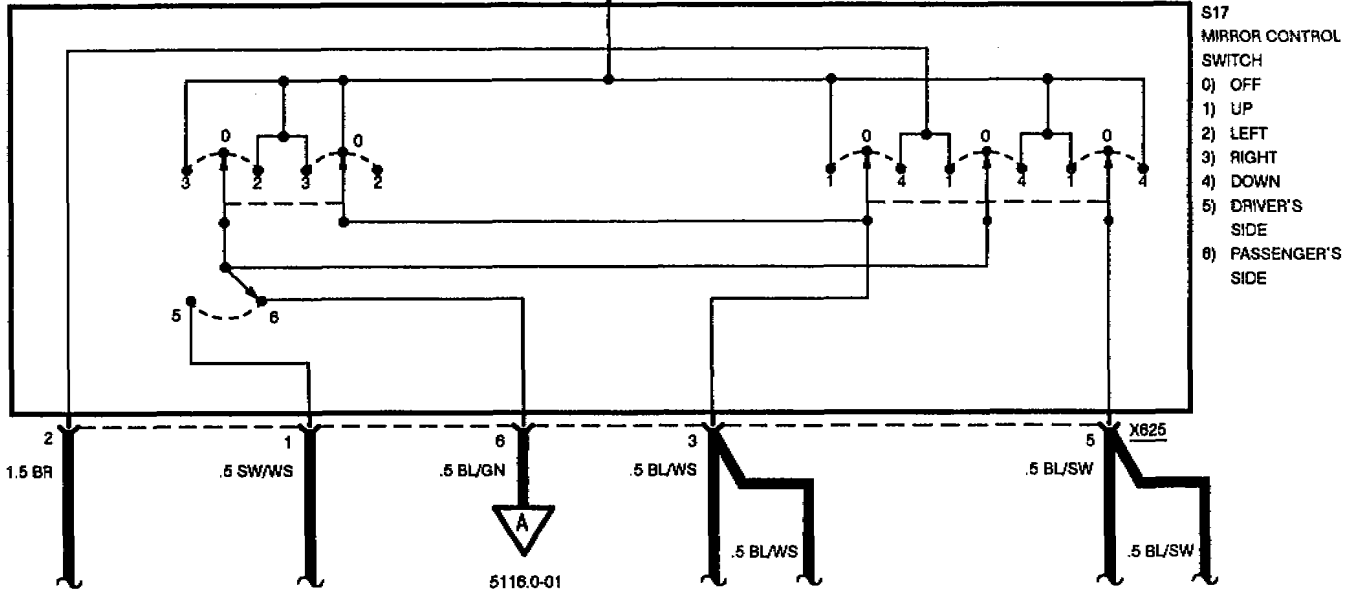
POWER MIRRORS

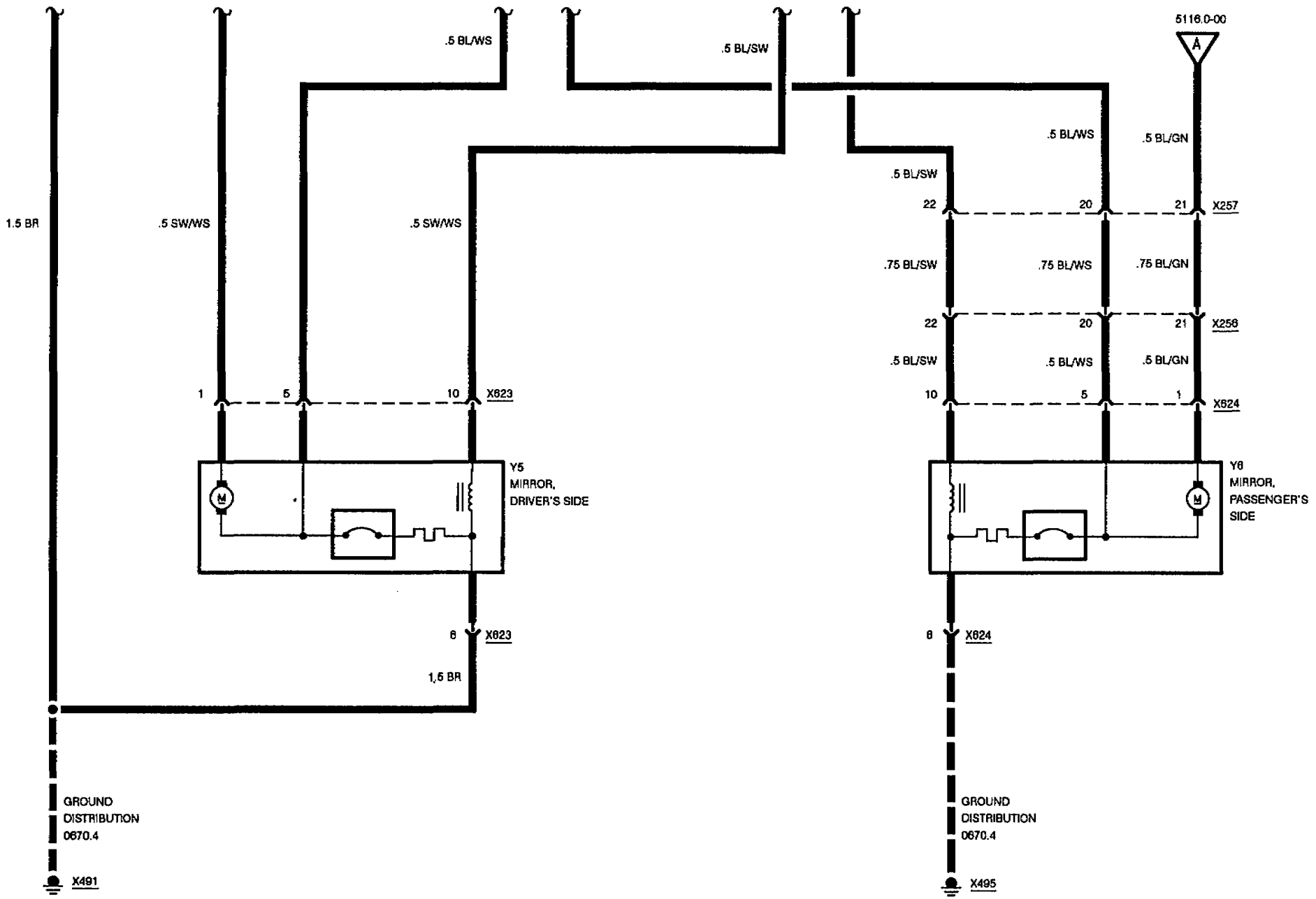
HOT IN RUN AND START



FUSE
DETAILS
0670.3

4 X825

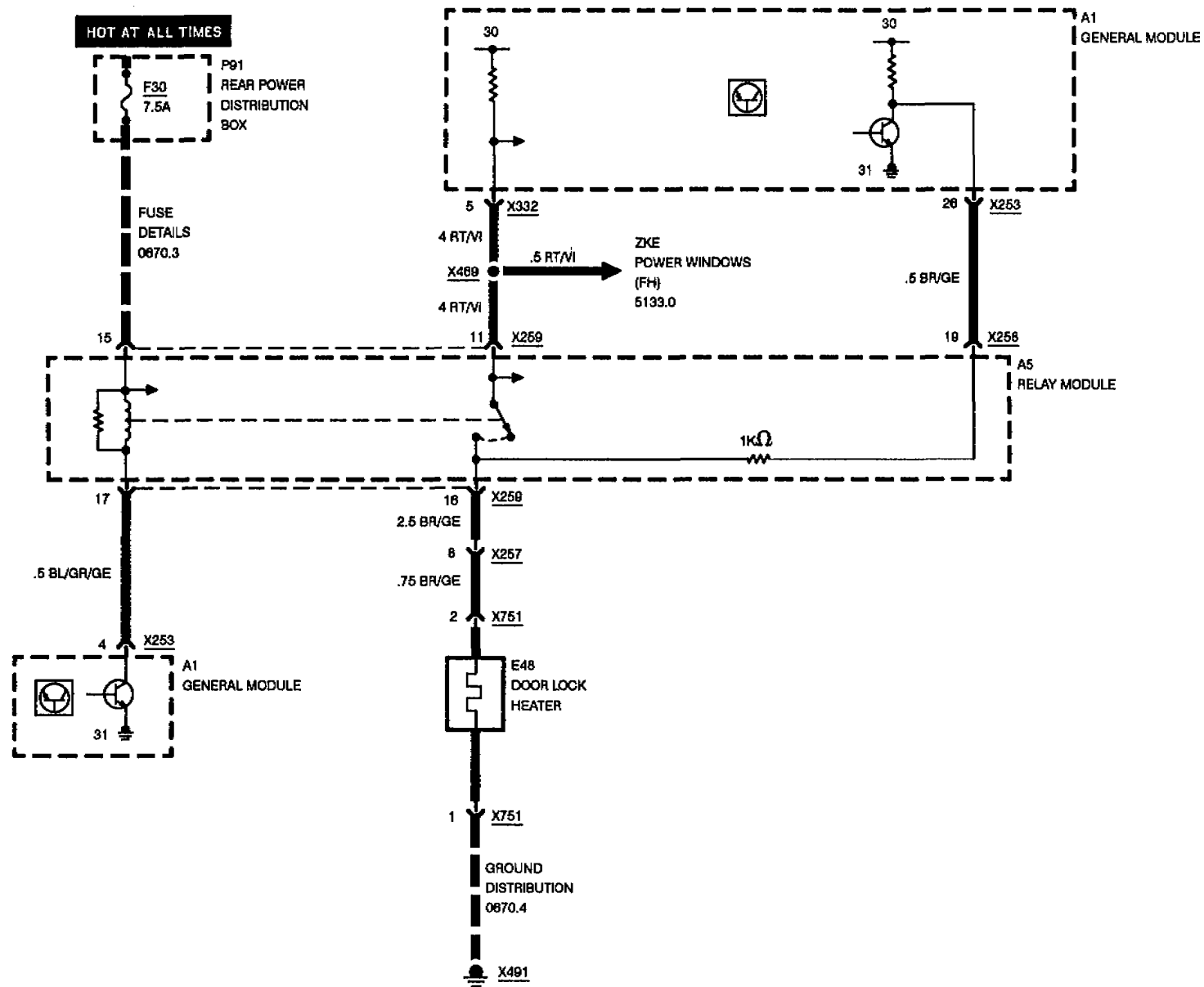






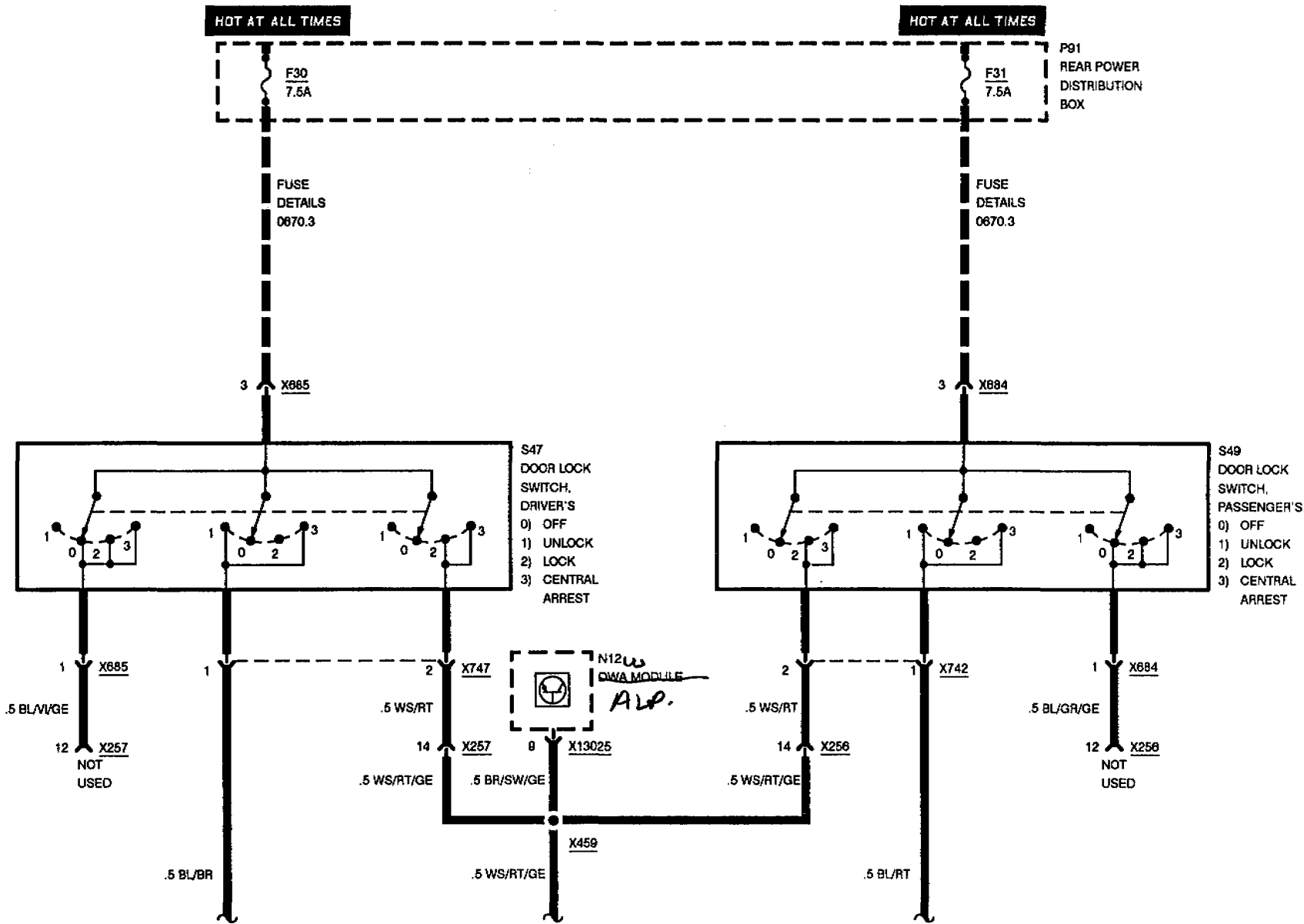
ZKE DOOR LOCK HEATING (TSH)

OUTPUT DETAILS



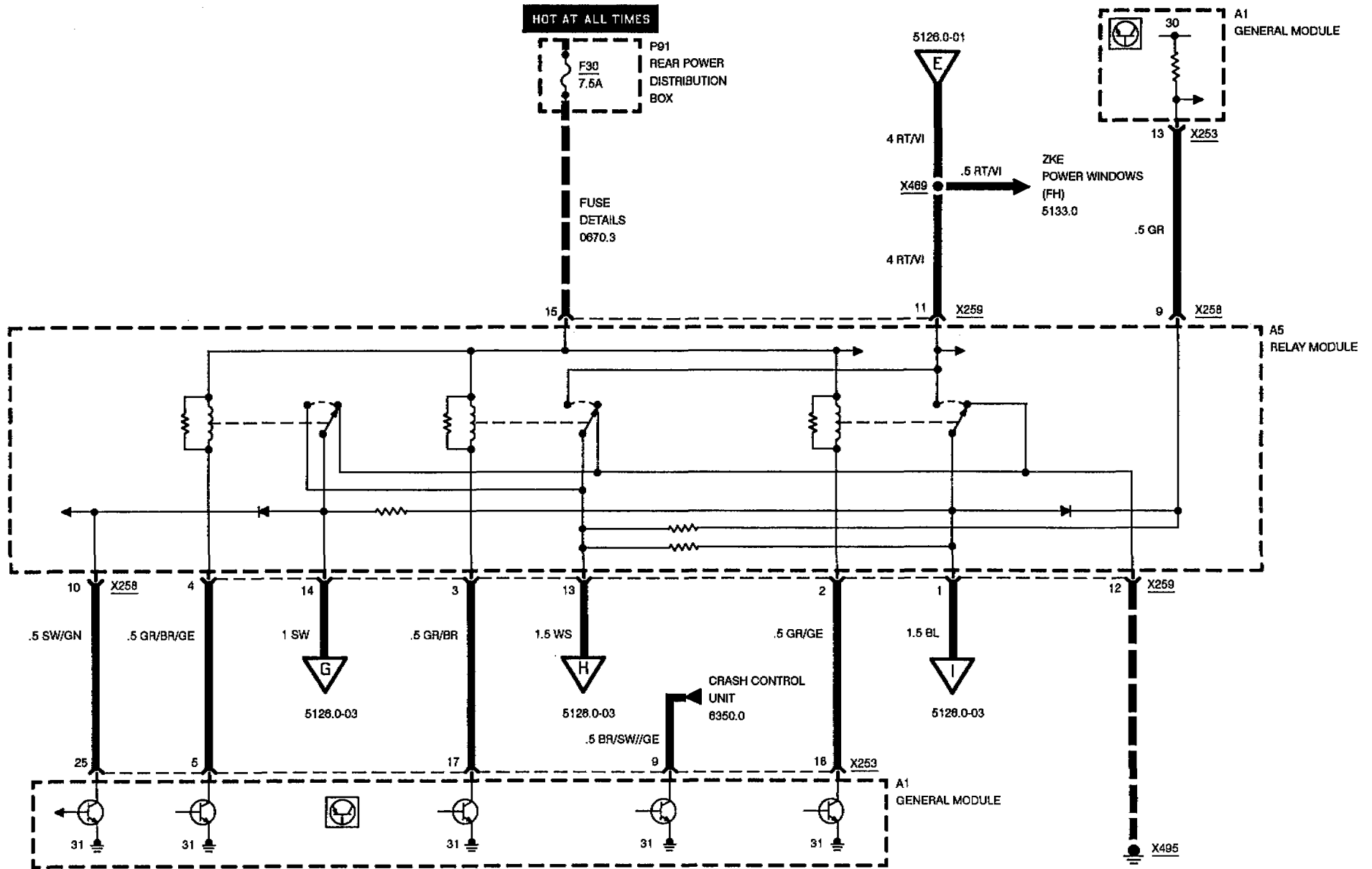


ZKE CENTRAL LOCKING (ZV) INPUT DETAILS

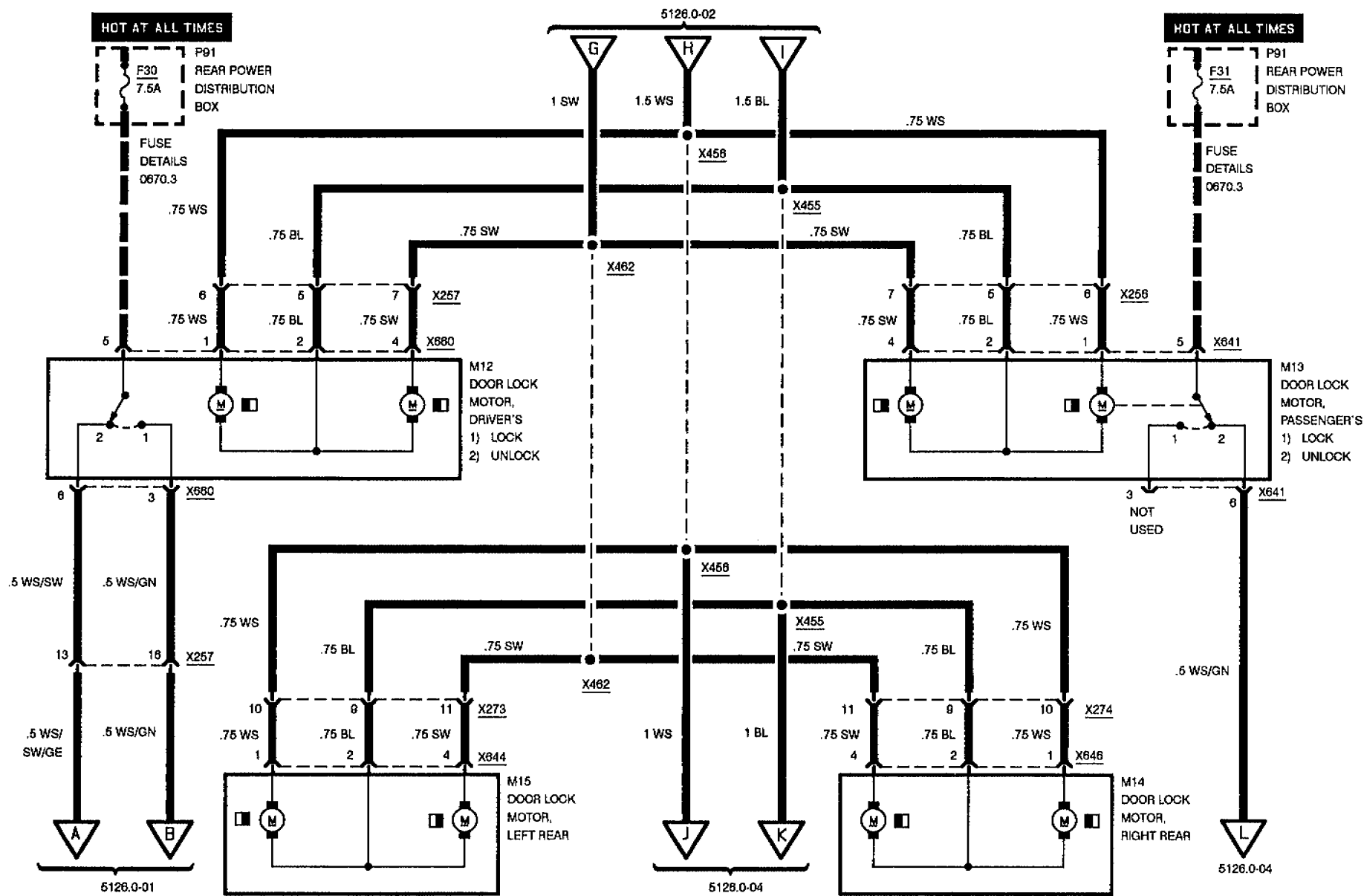




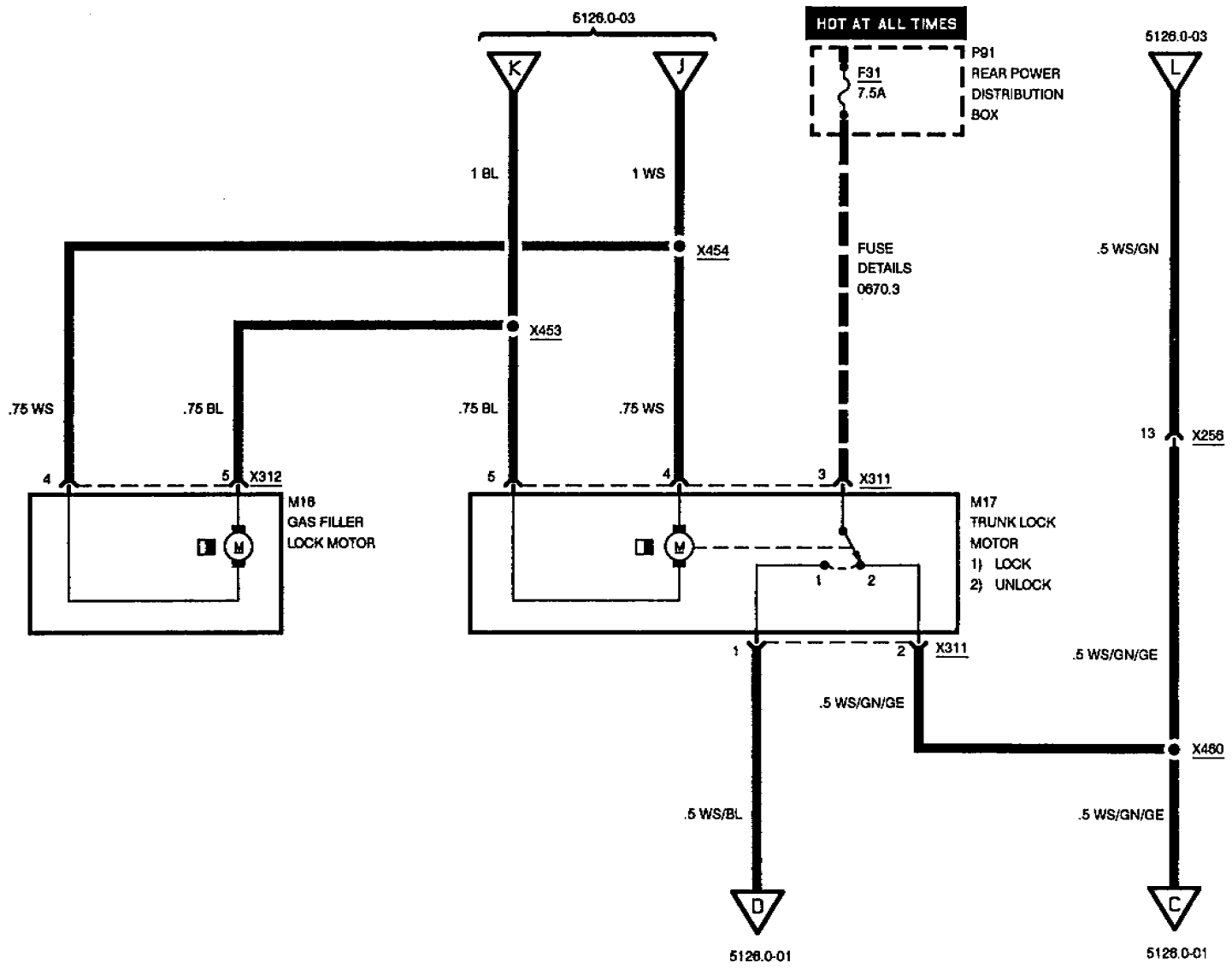
ZKE CENTRAL LOCKING (ZV) OUTPUT DETAILS



BMW 5 **ZKE CENTRAL LOCKING (ZV)**
OUTPUT DETAILS

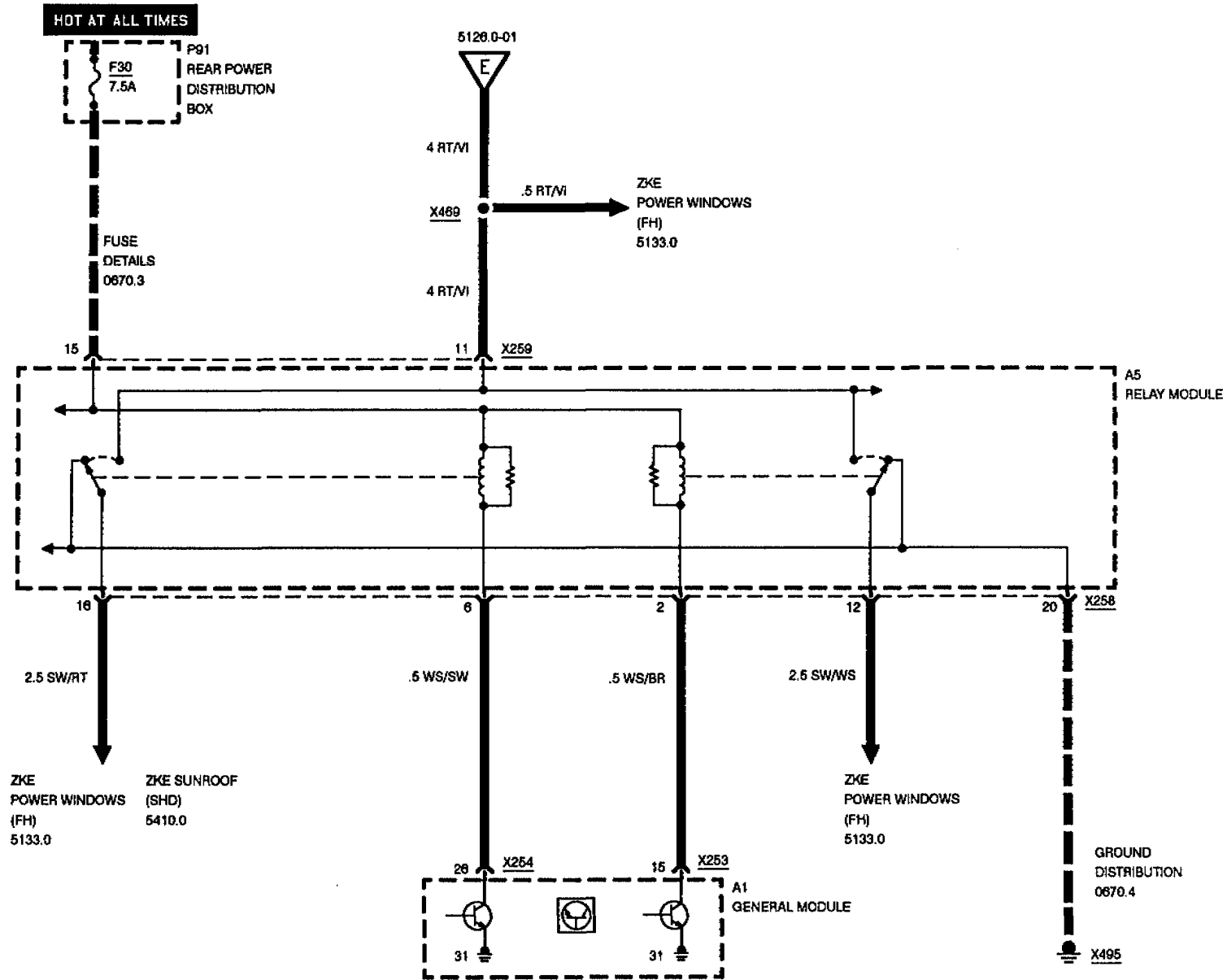


BMW 5 ZKE CENTRAL LOCKING (ZV)
OUTPUT DETAILS





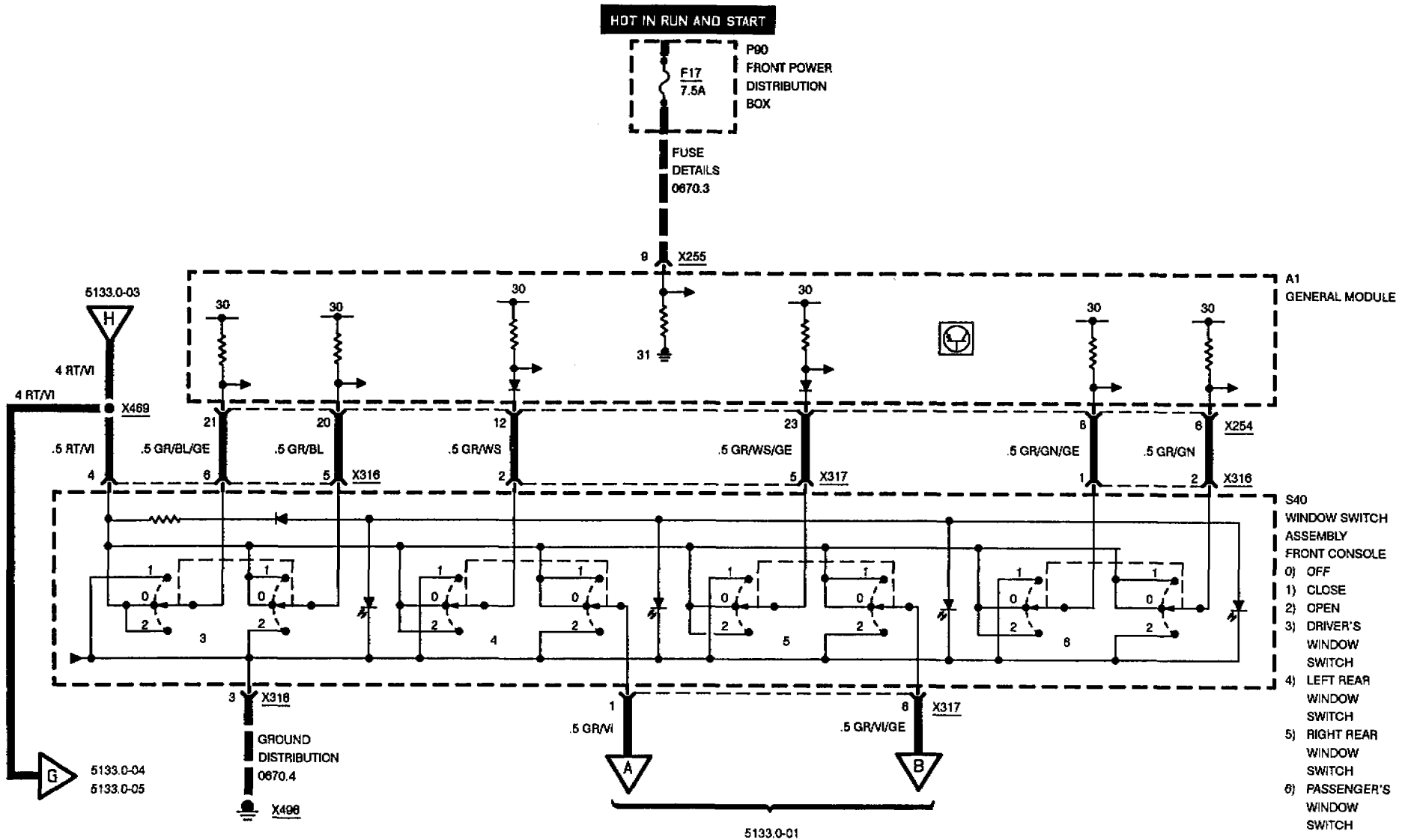
ZKE CENTRAL LOCKING (ZV) OUTPUT DETAILS





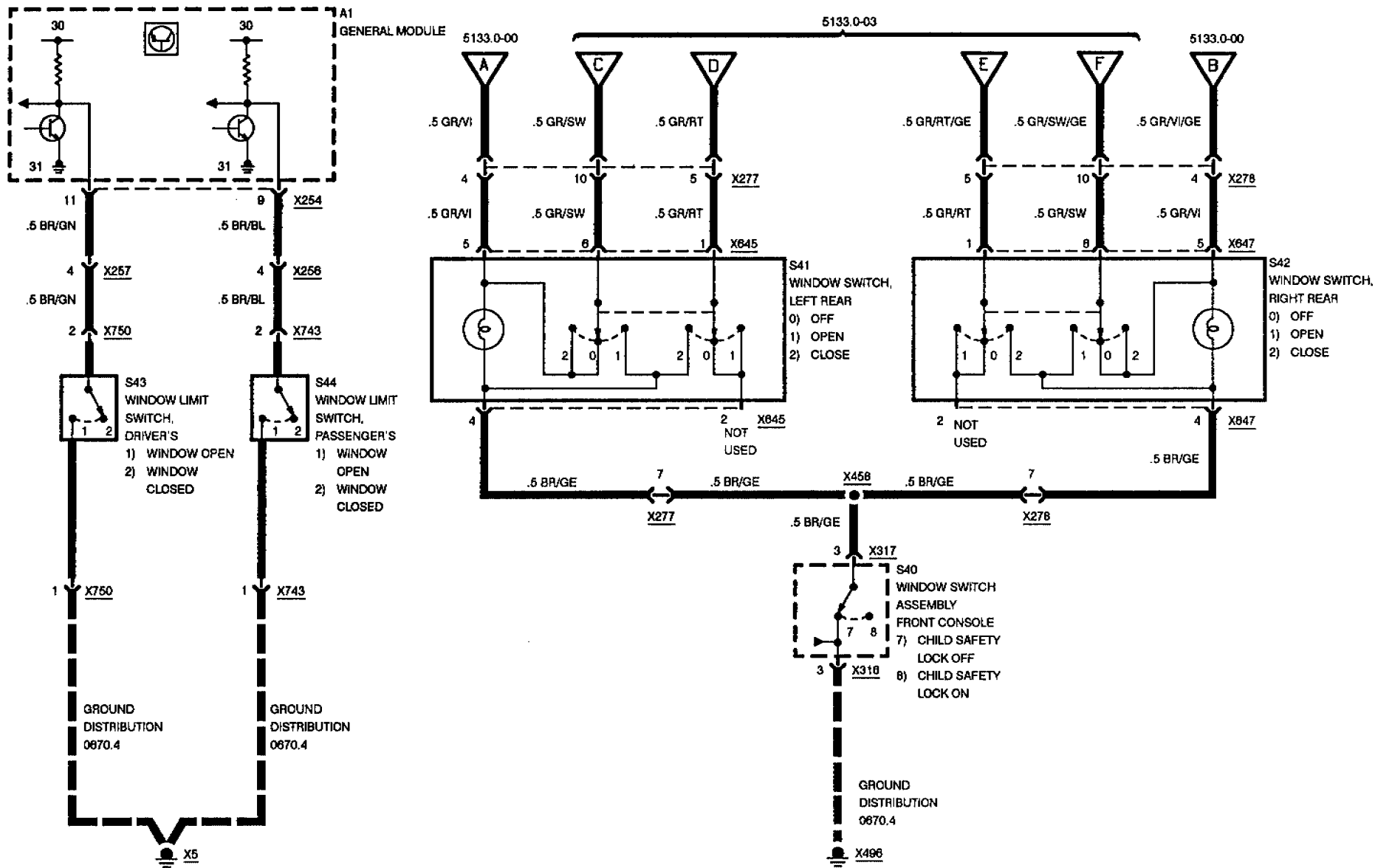
ZKE POWER WINDOWS (FH)

INPUT DETAILS



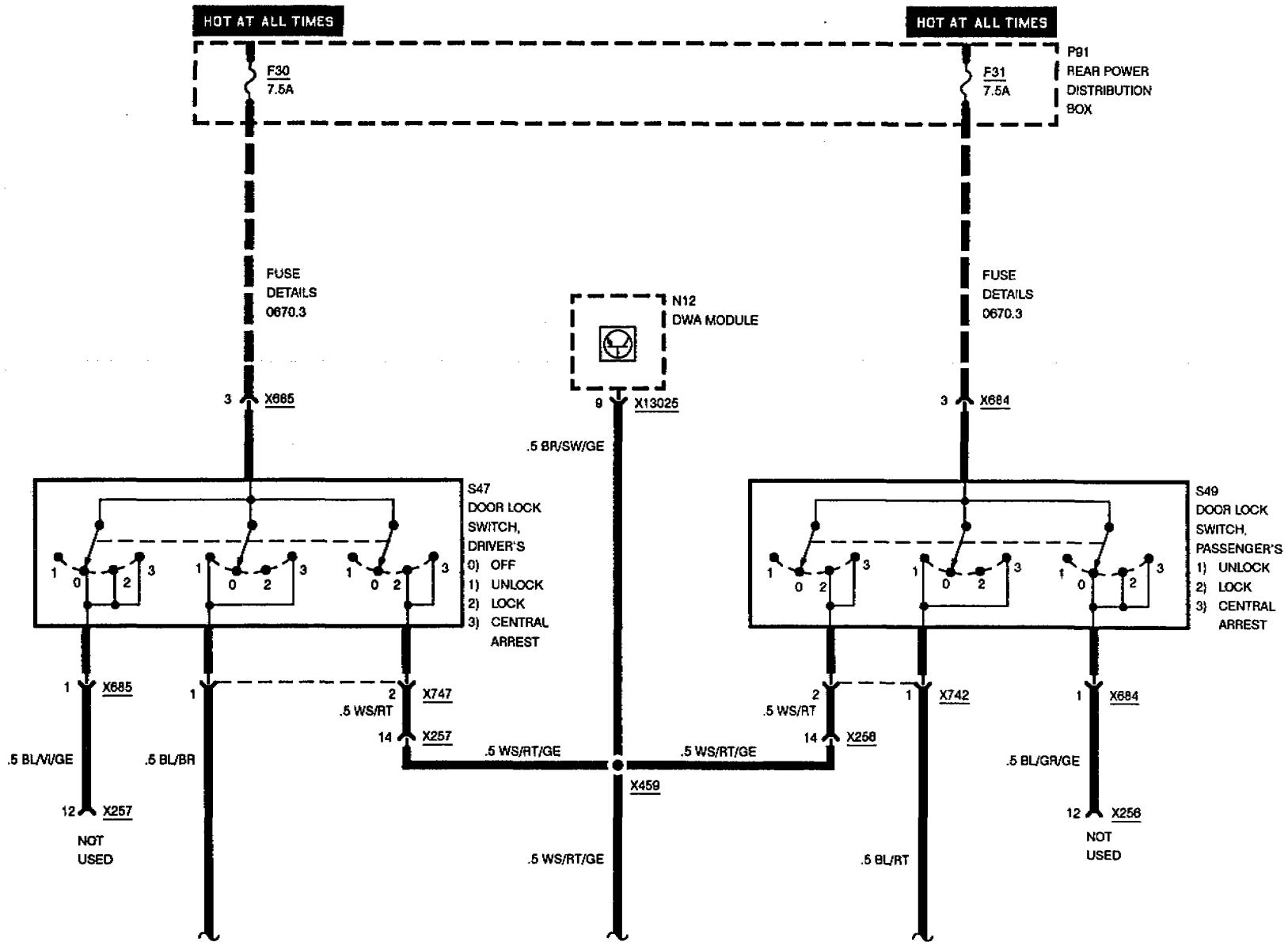
ZKE POWER WINDOWS (FH)

INPUT DETAILS





ZKE POWER WINDOWS (FH) INPUT DETAILS

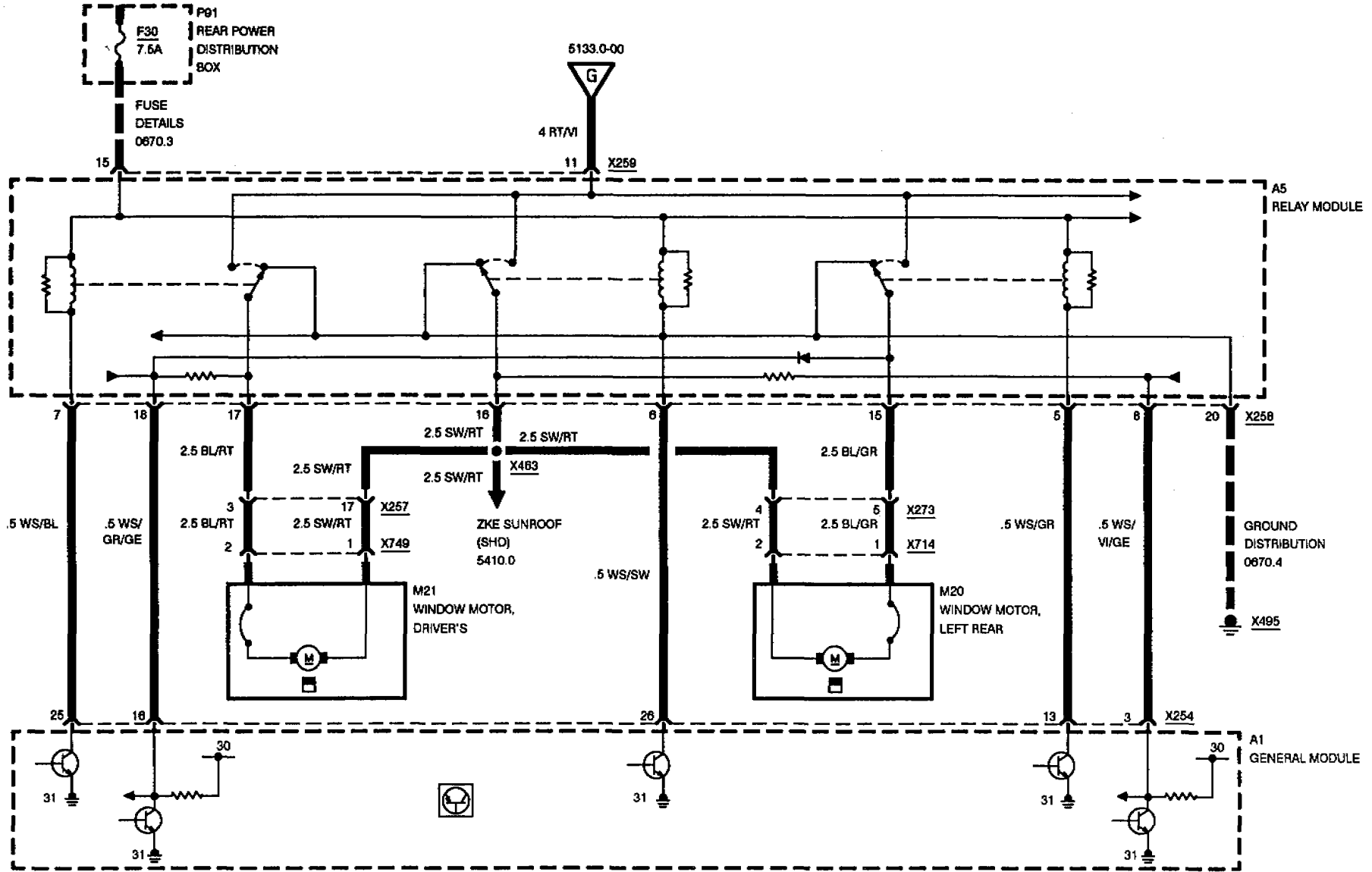




ZKE POWER WINDOWS (FH)

LEFT SIDE OUTPUT DETAILS

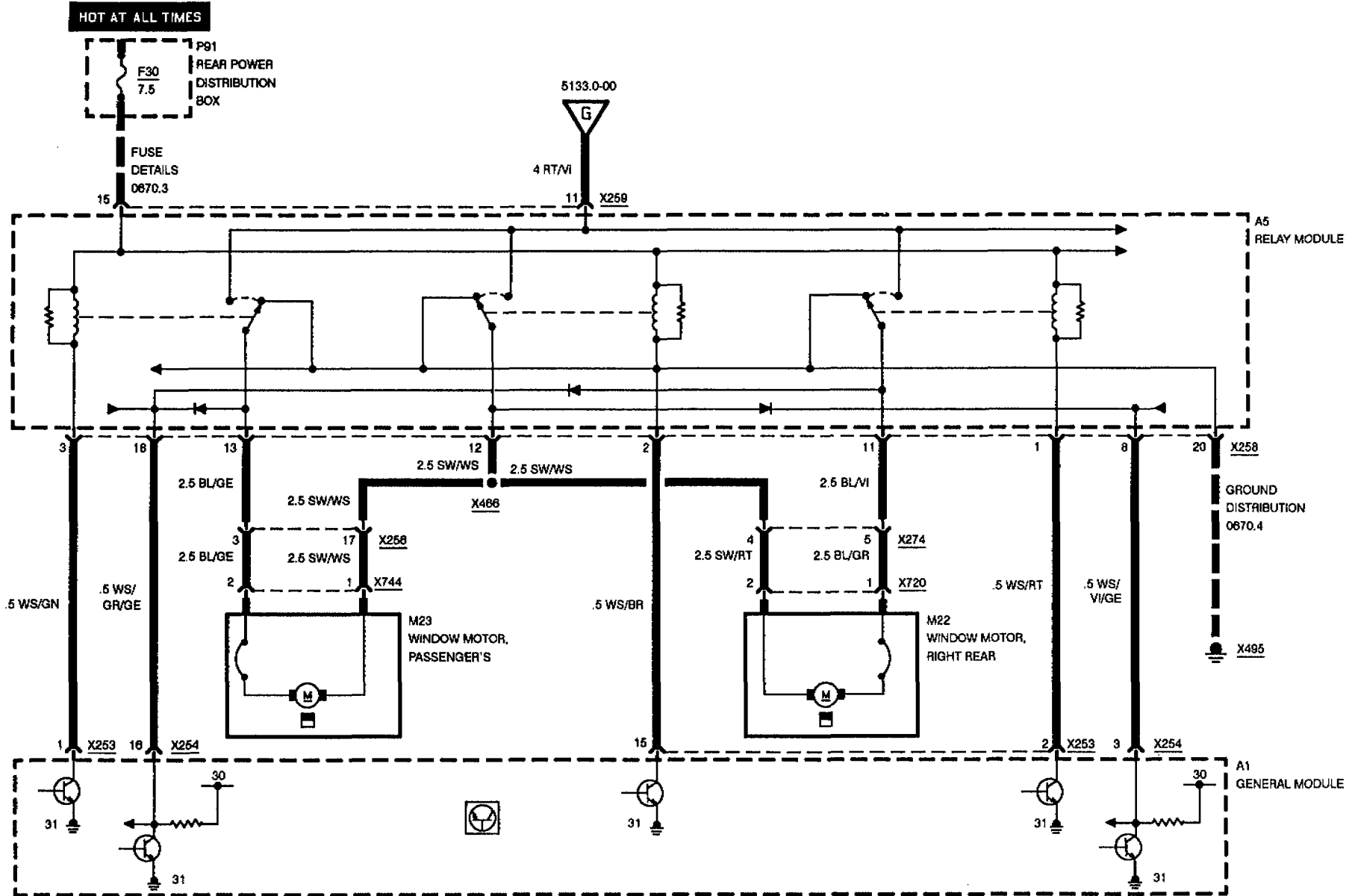
HOT AT ALL TIMES

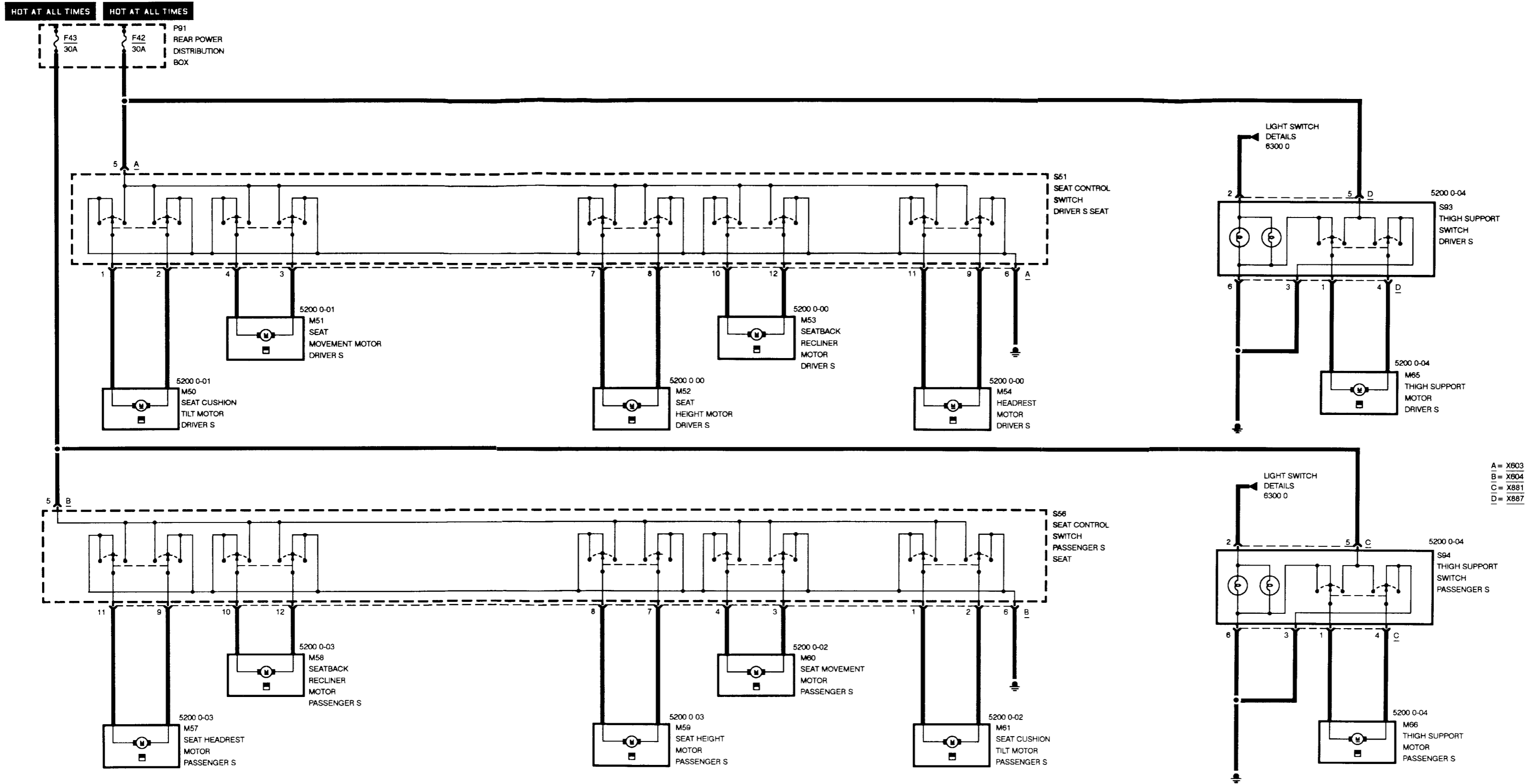




ZKE POWER WINDOWS (FH)

RIGHT SIDE OUTPUT DETAILS

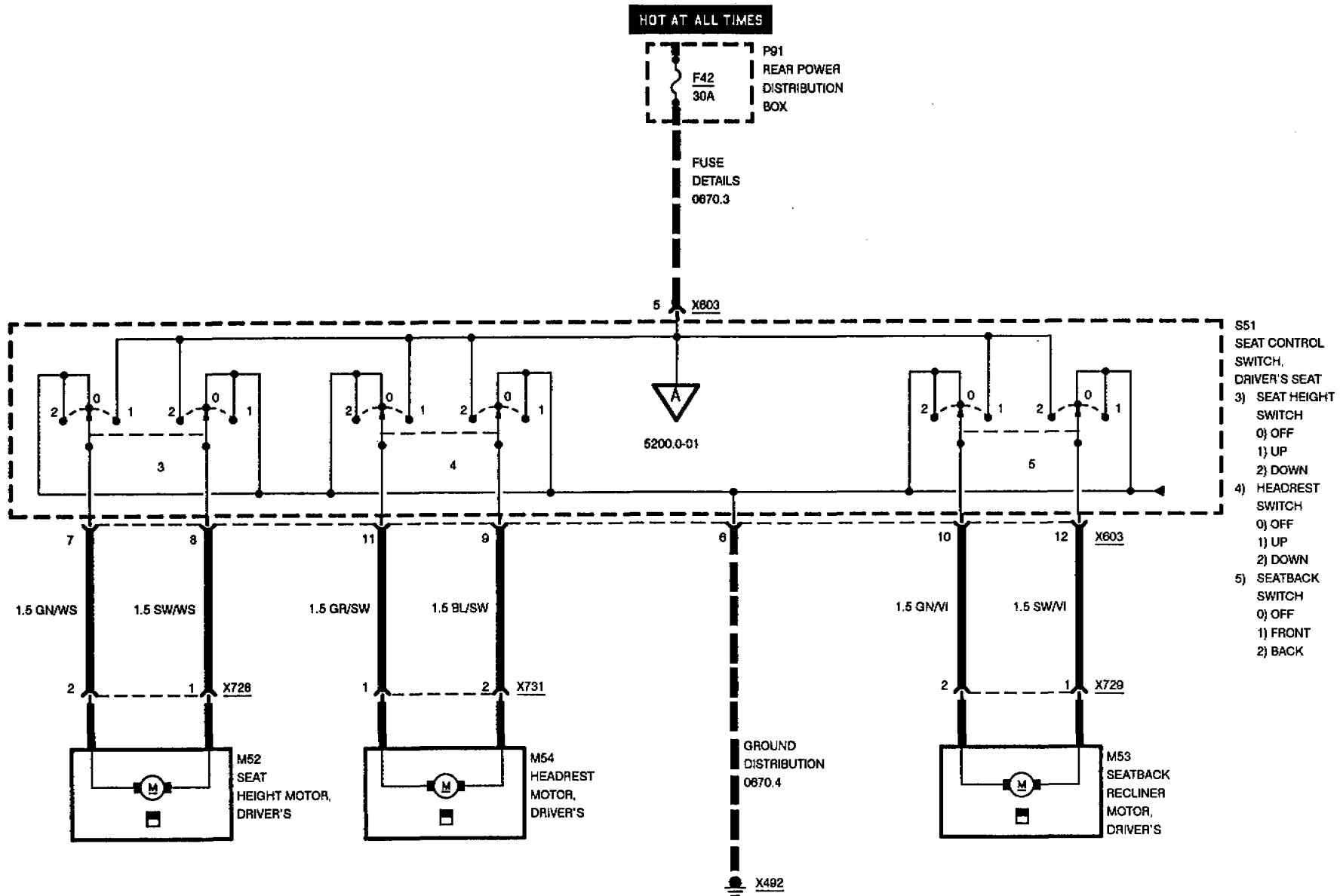




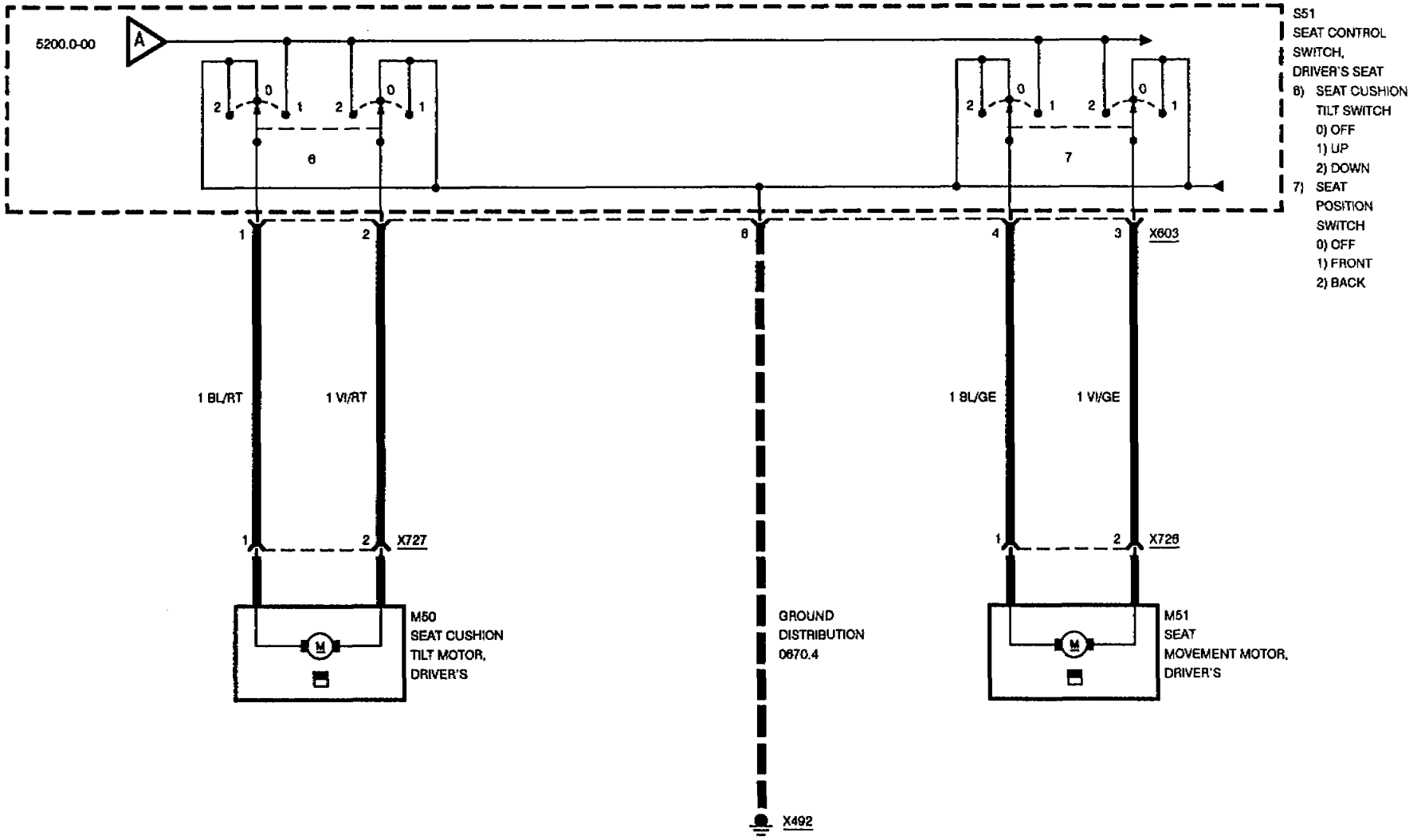


POWER SEATS

DRIVER'S SEAT



BMW 5 **POWER SEATS**
DRIVER'S SEAT

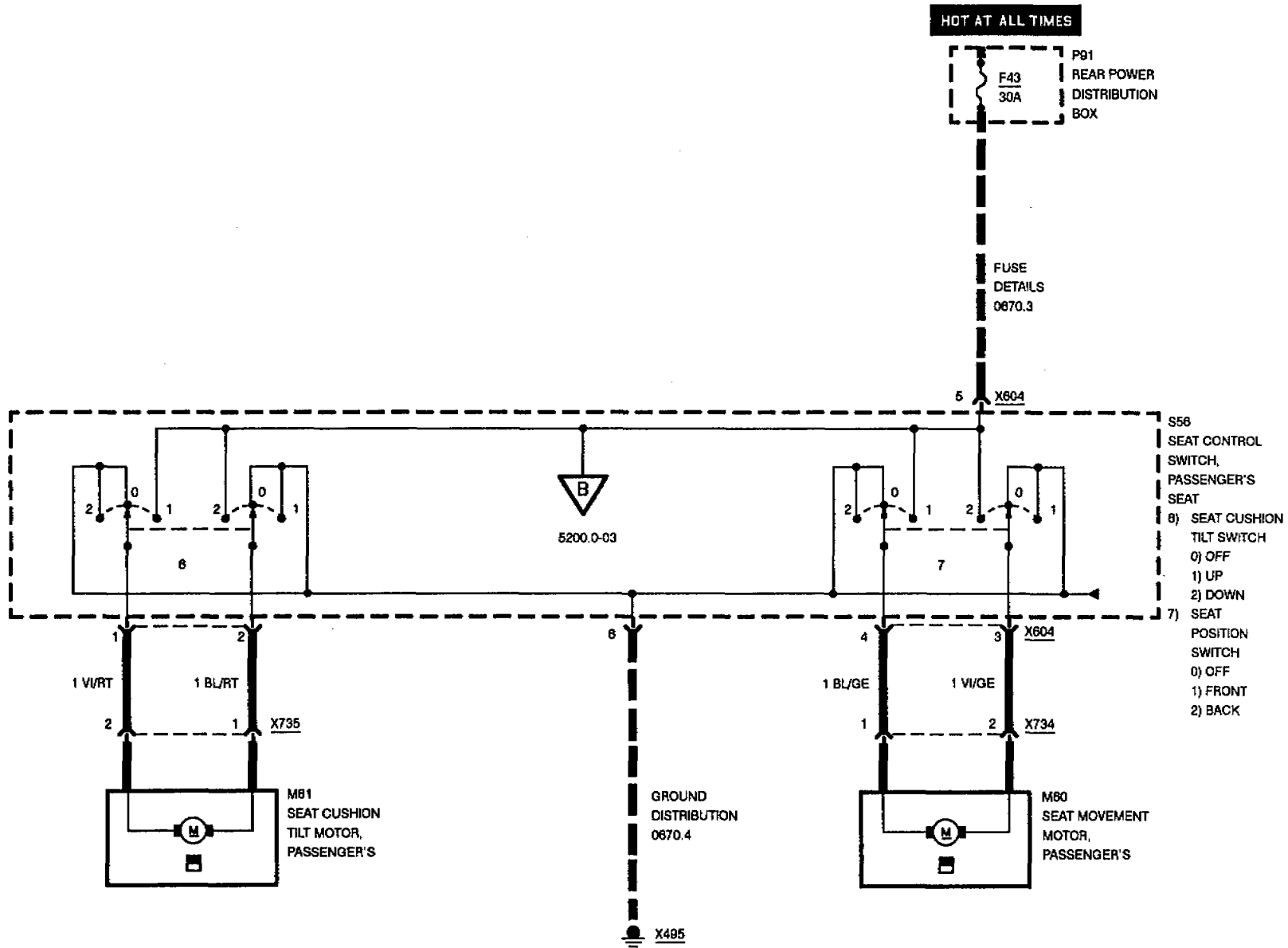


- S51 SEAT CONTROL SWITCH, DRIVER'S SEAT
- B) SEAT CUSHION TILT SWITCH
- 0) OFF
- 1) UP
- 2) DOWN
- 7) SEAT POSITION SWITCH
- 0) OFF
- 1) FRONT
- 2) BACK



POWER SEATS

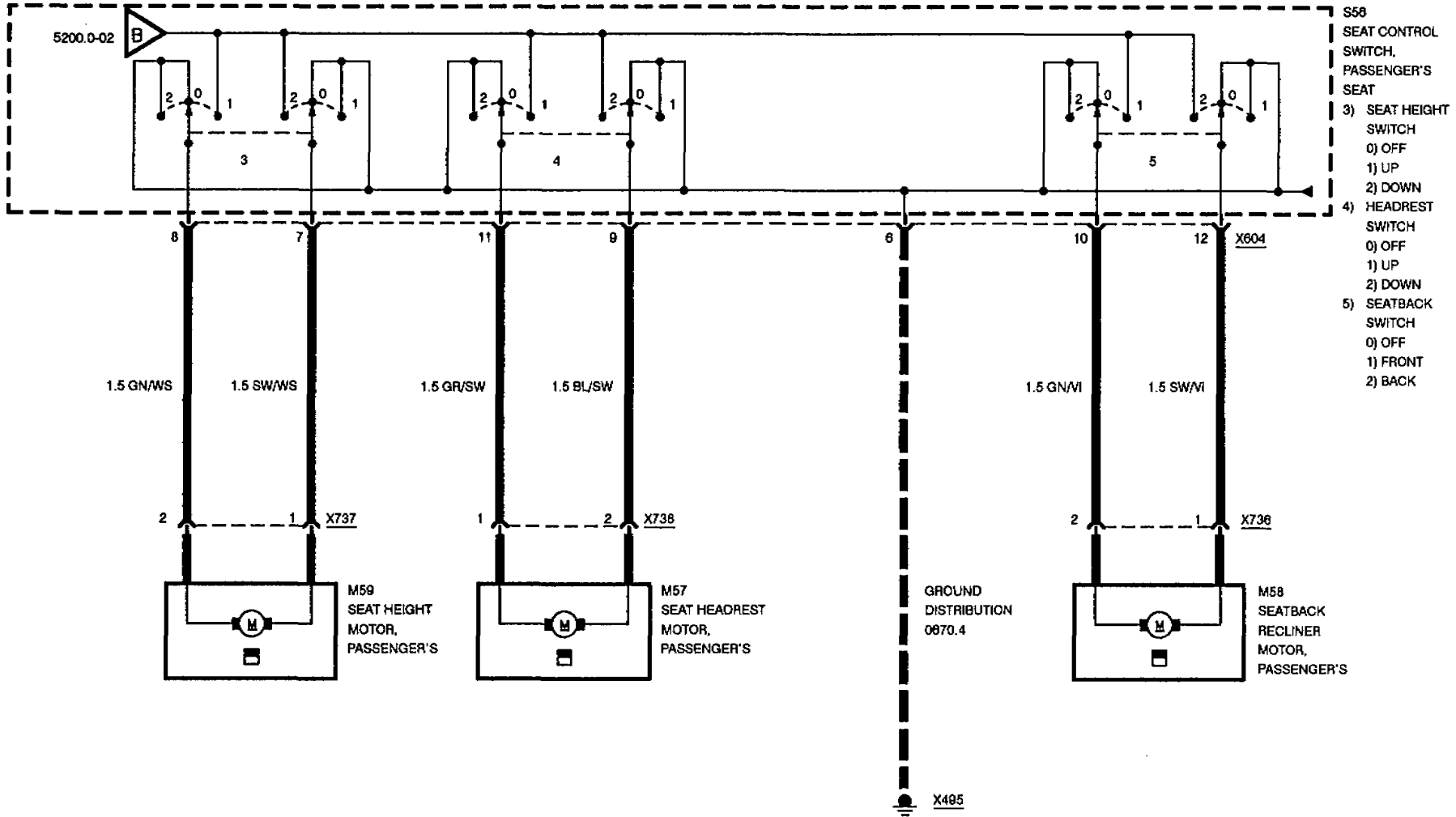
PASSENGER'S SEAT





POWER SEATS

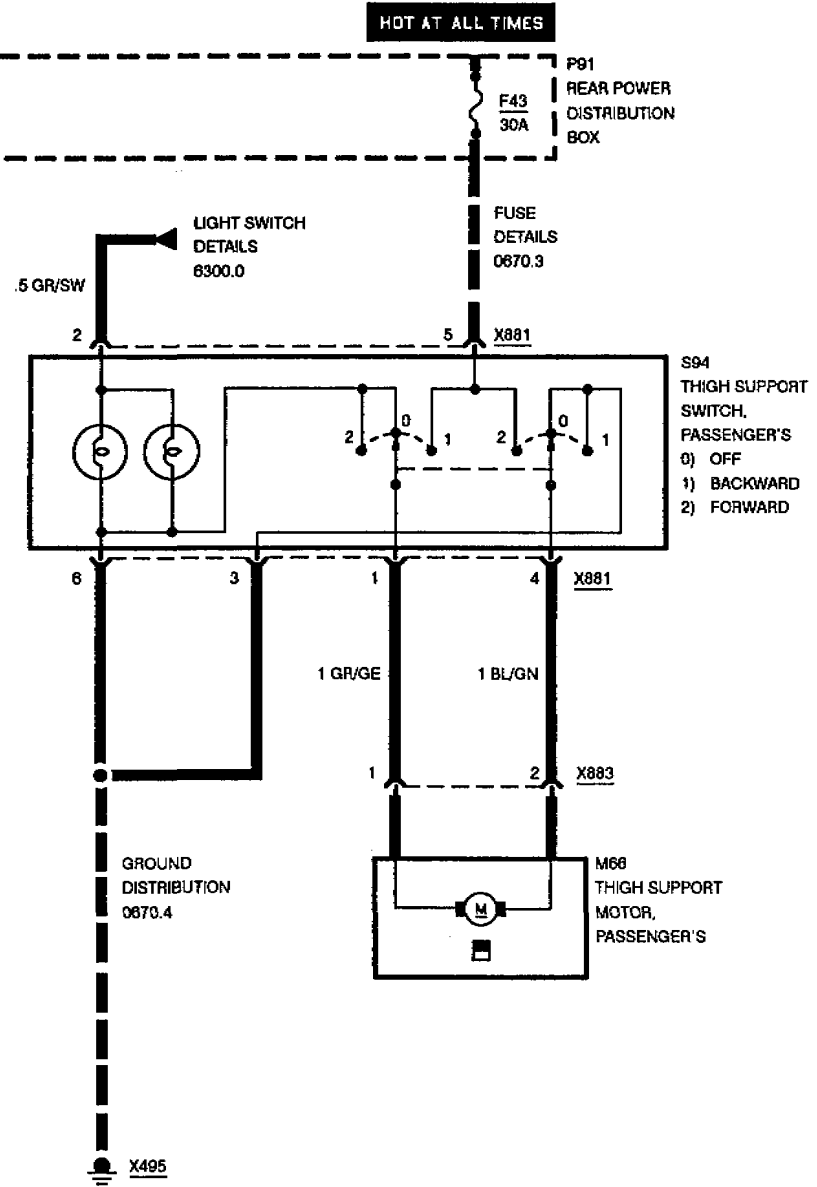
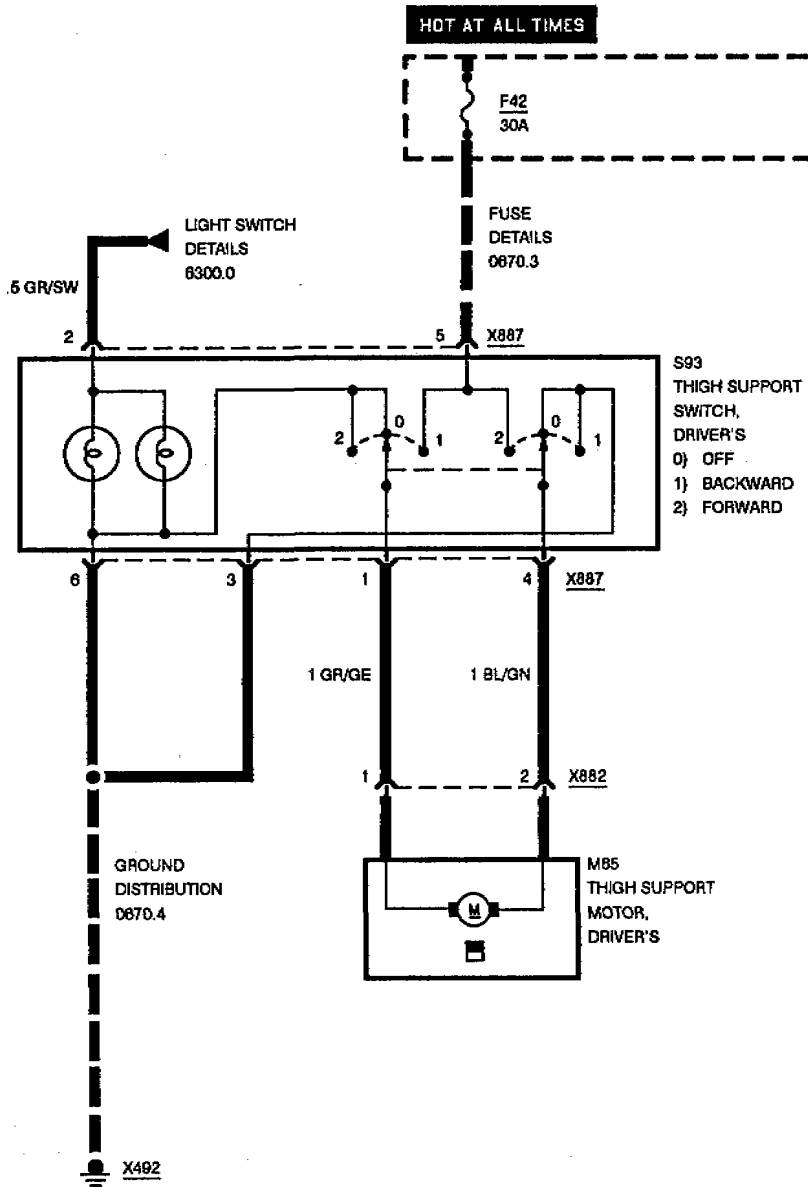
PASSENGER'S SEAT

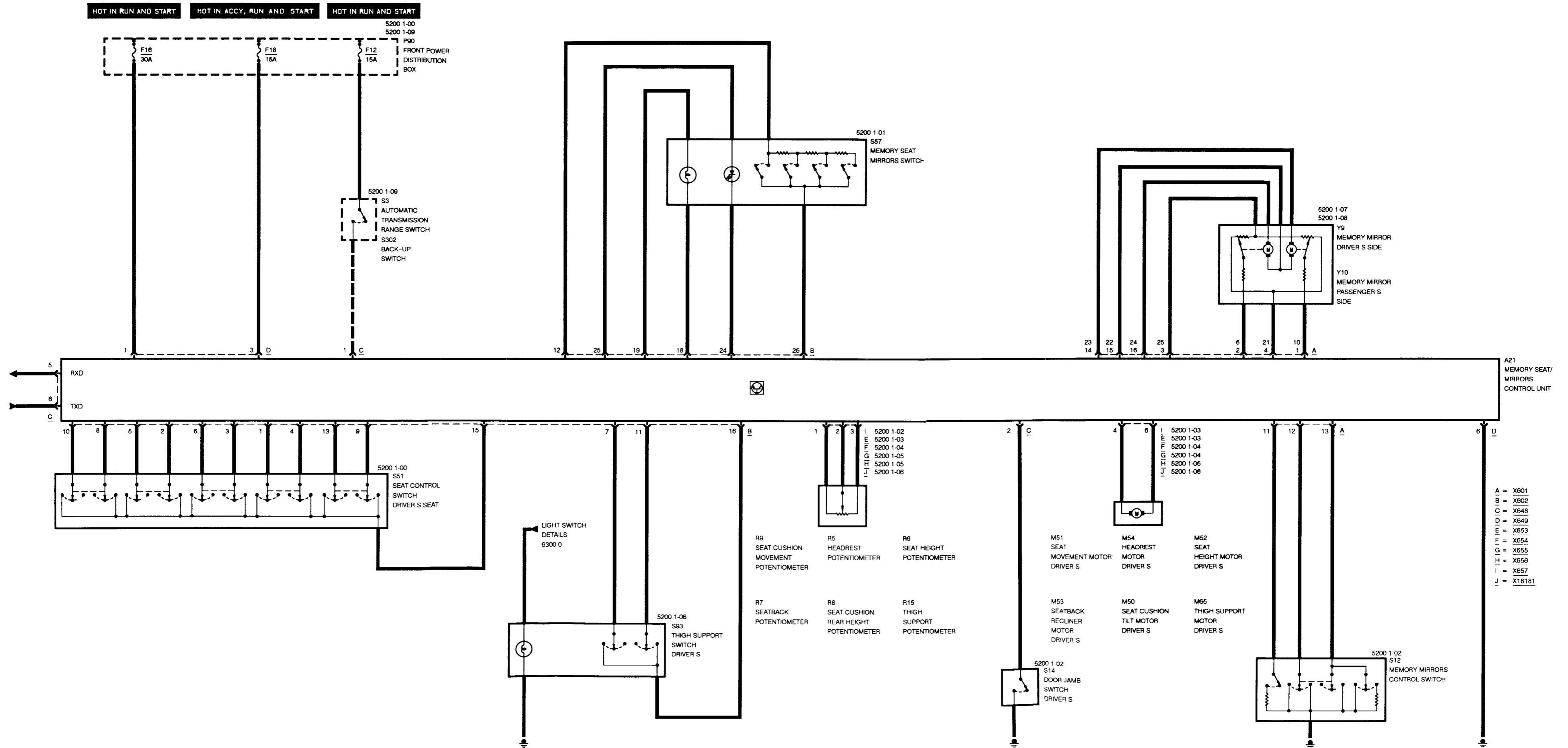




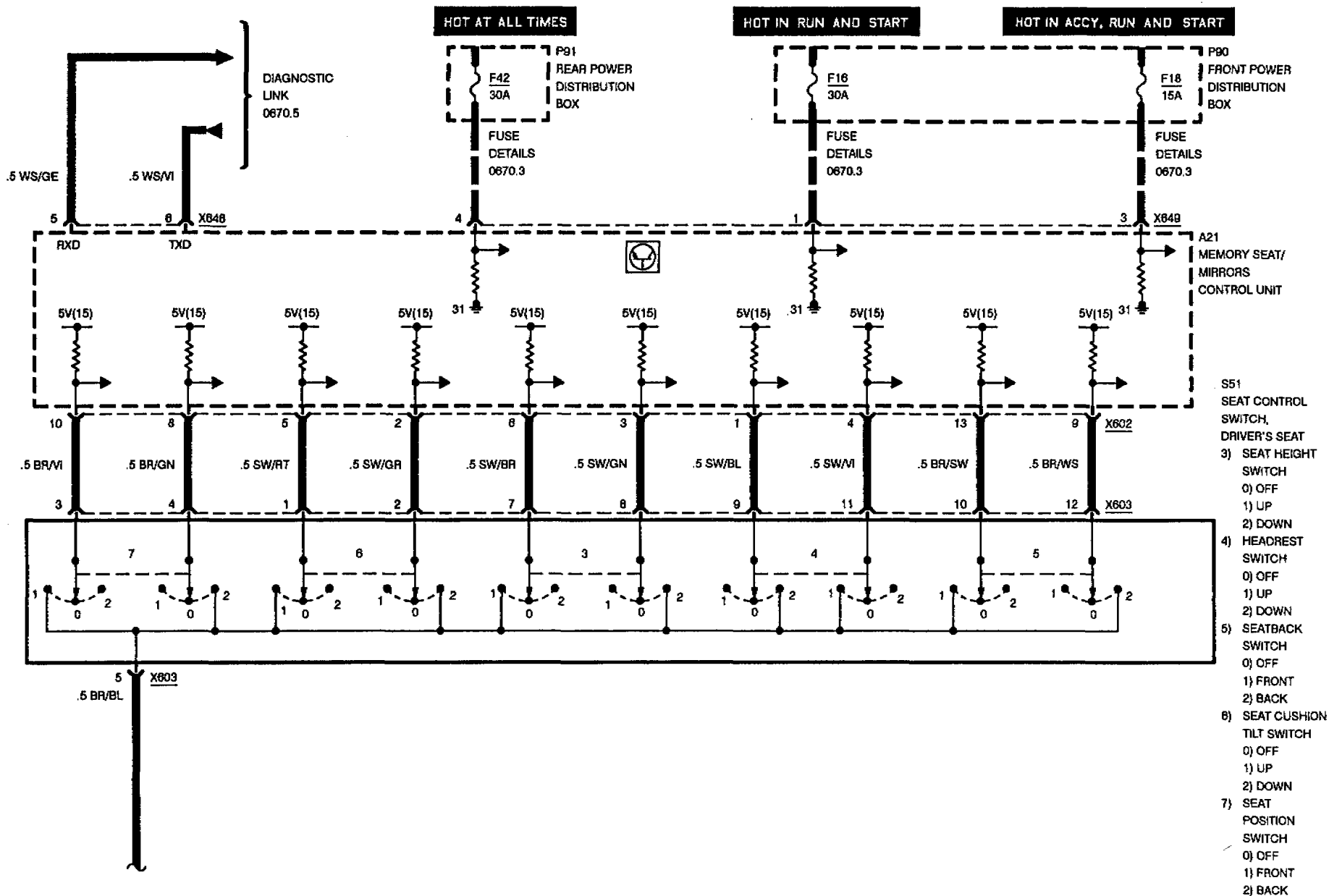
POWER SEATS

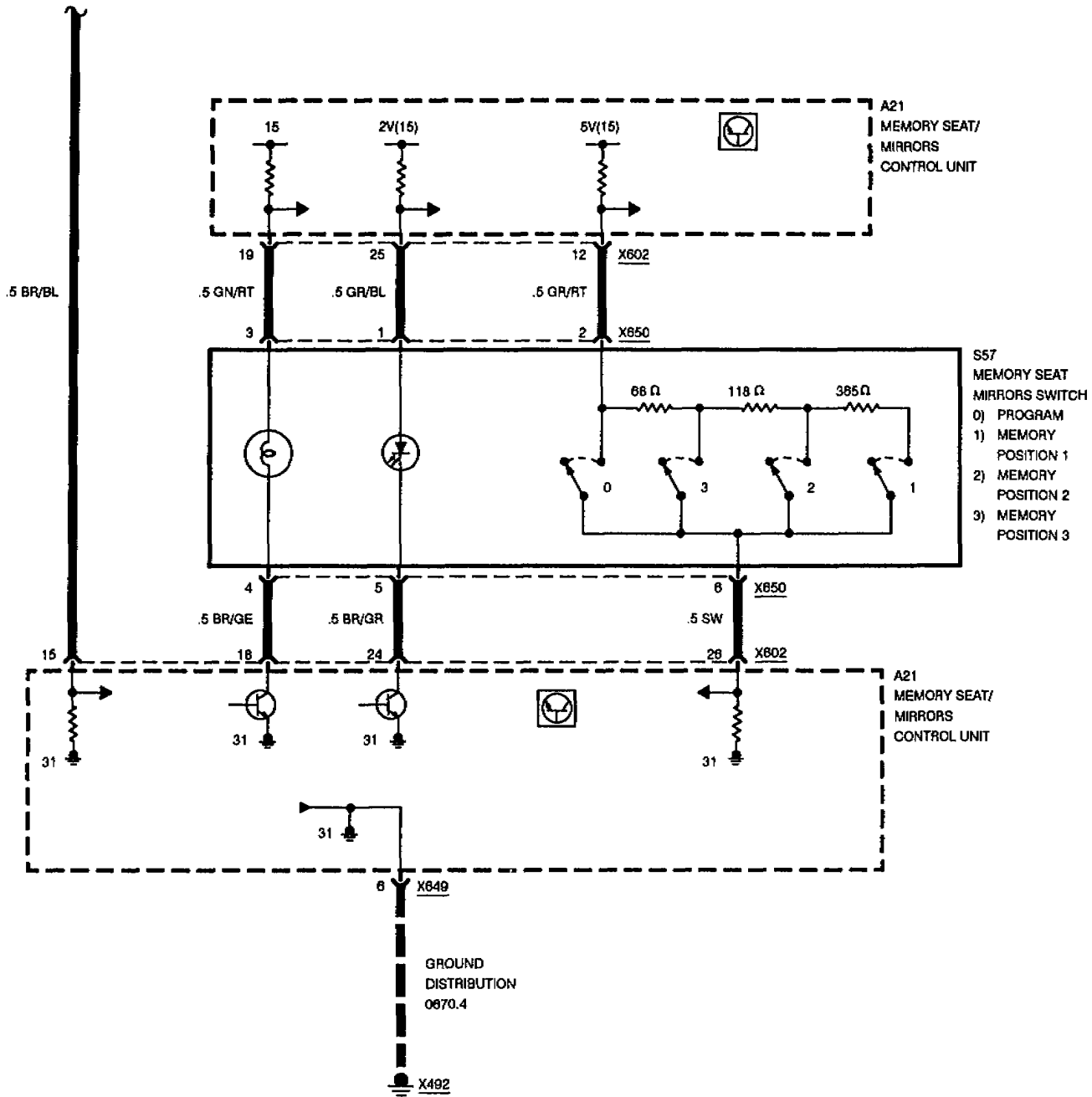
THIGH SUPPORT, WITH SPORT SEATS ONLY





MEMORY SEATS/ MIRRORS (SM/SPM)

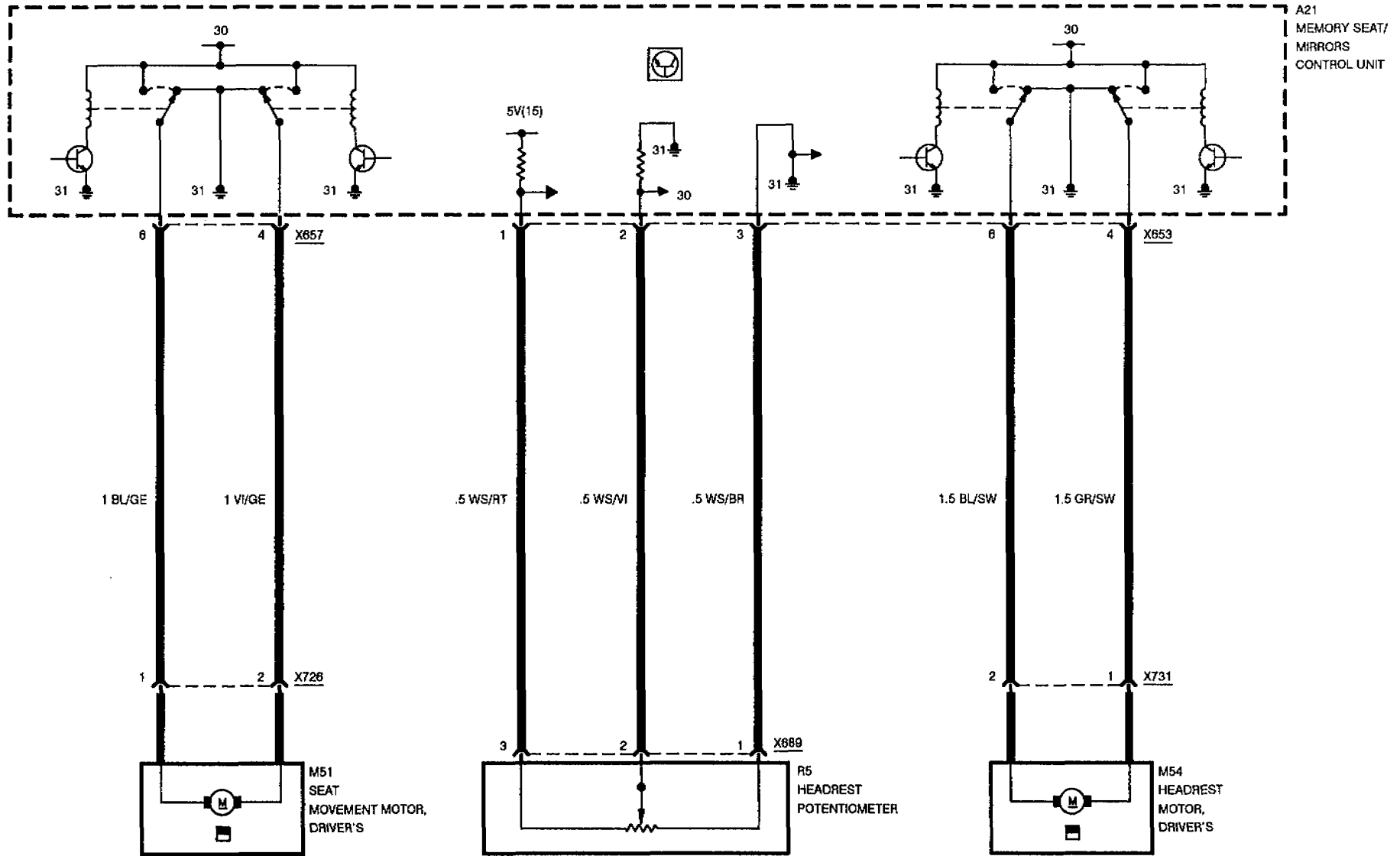






MEMORY SEATS/ MIRRORS (SM/SPM)

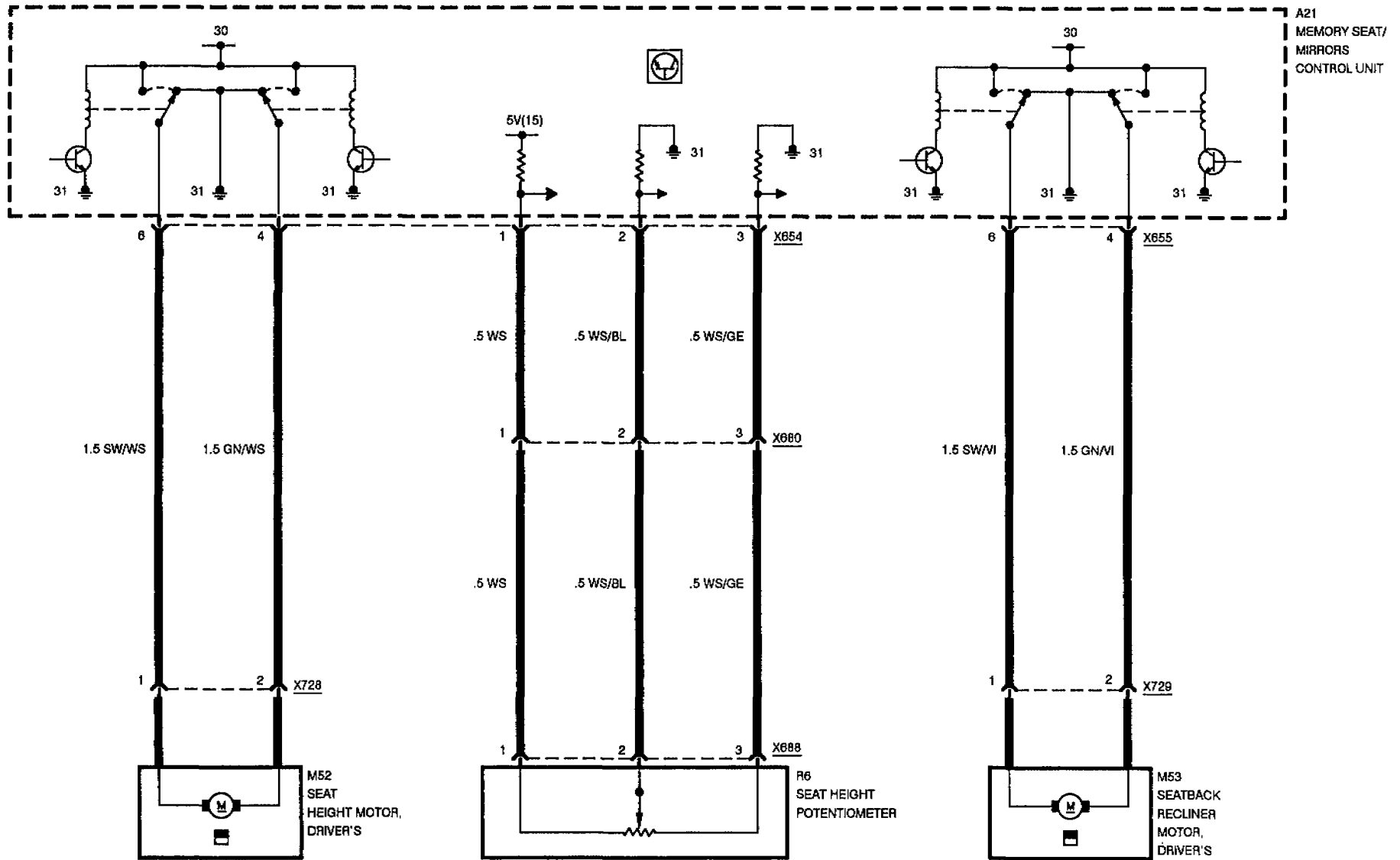
SEAT



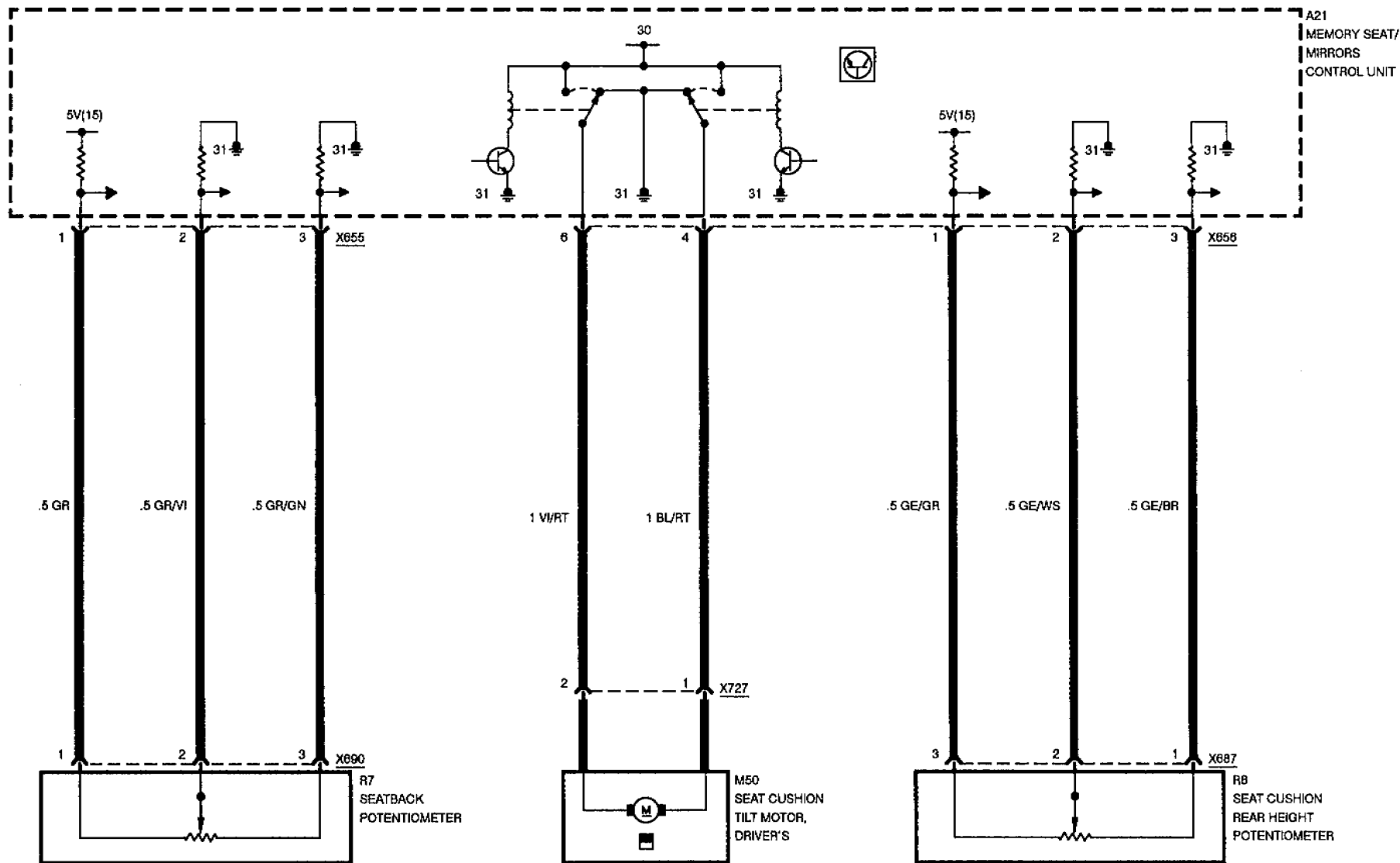


MEMORY SEATS/ MIRRORS (SM/SPM)

SEAT



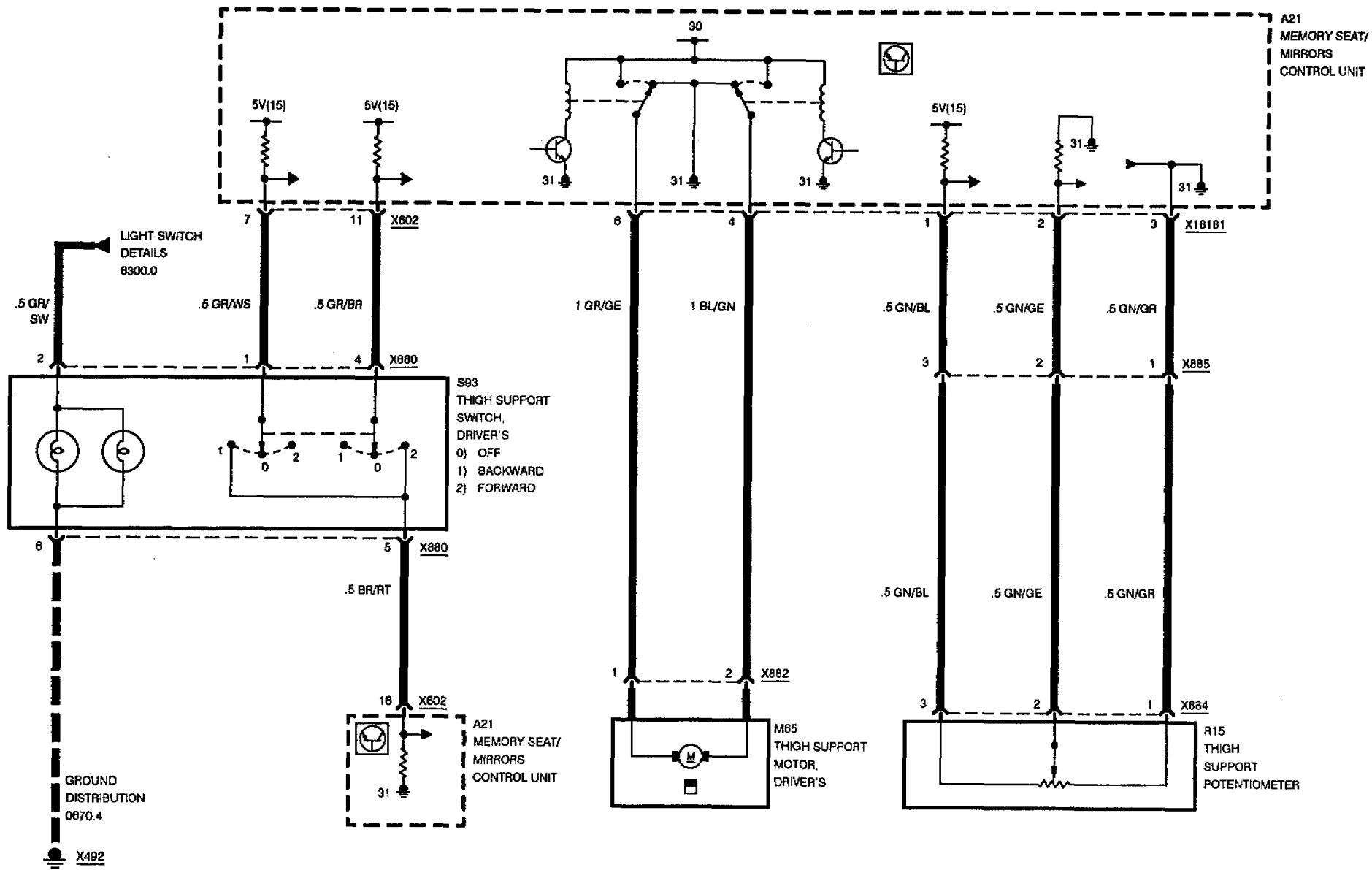
BMW 5 MEMORY SEATS/ MIRRORS (SM/SPM)
SEAT





MEMORY SEATS/ MIRRORS (SM/SPM)

WITH SPORT SEAT





MEMORY SEATS/ MIRRORS (SM/SPM)

MIRROR

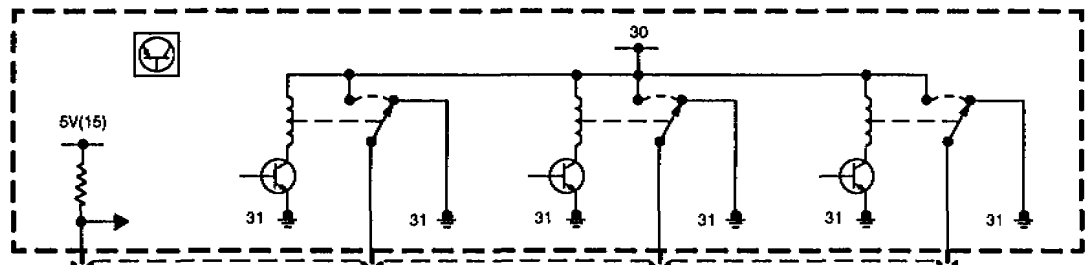
HOT IN RUN AND START

P90
FRONT POWER
DISTRIBUTION
BOX

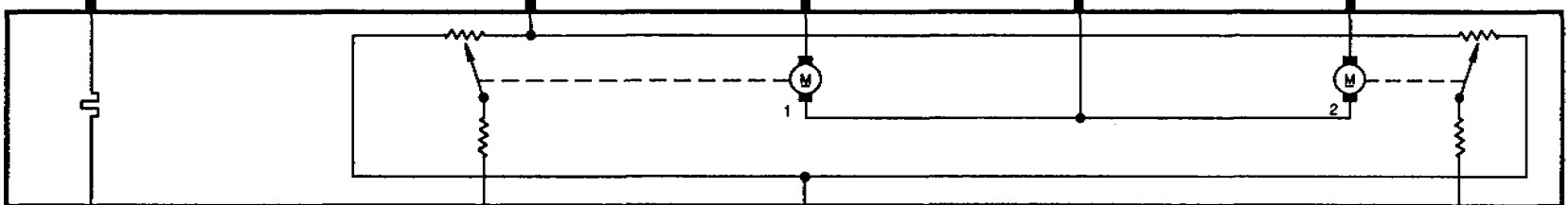
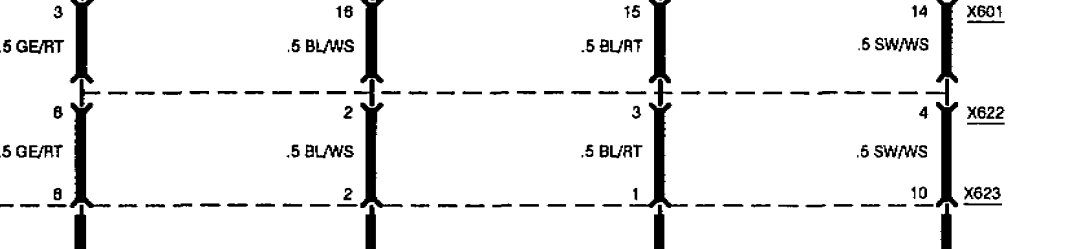
F12
15A

FUSE
DETAILS
0670.3

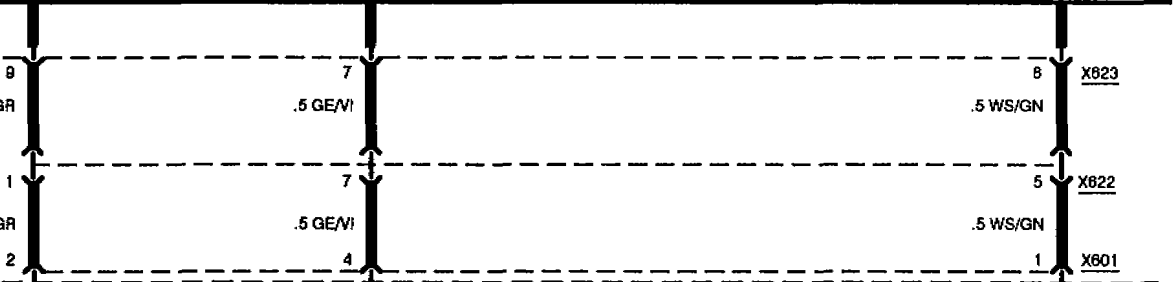
GROUND
DISTRIBUTION
0670.4



A21
MEMORY SEAT/
MIRRORS
CONTROL UNIT



Y9
MEMORY MIRROR,
DRIVER'S SIDE
1) VERTICAL
MOTOR
2) HORIZONTAL
MOTOR



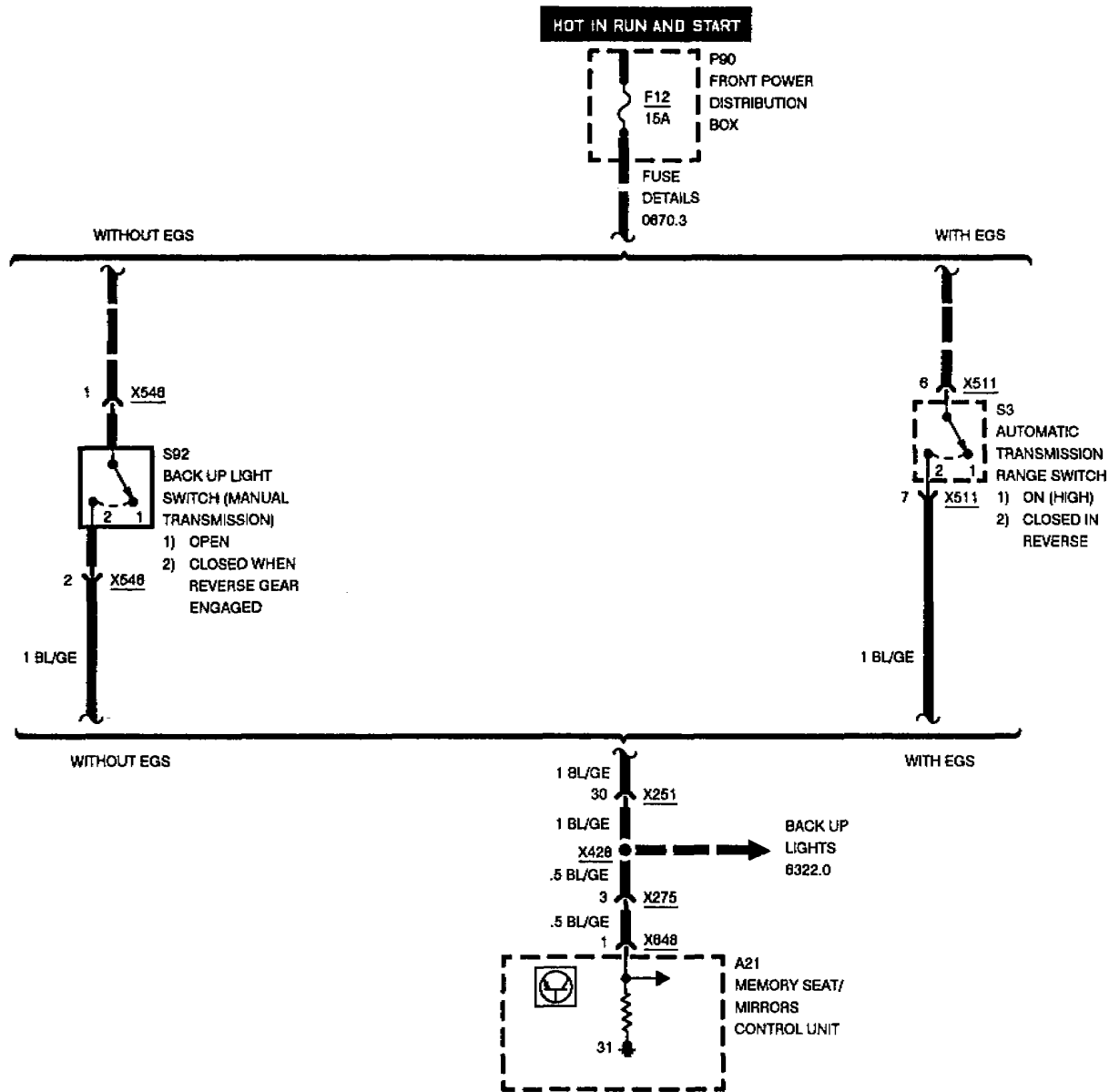
A21
MEMORY SEAT/
MIRRORS
CONTROL UNIT



X481

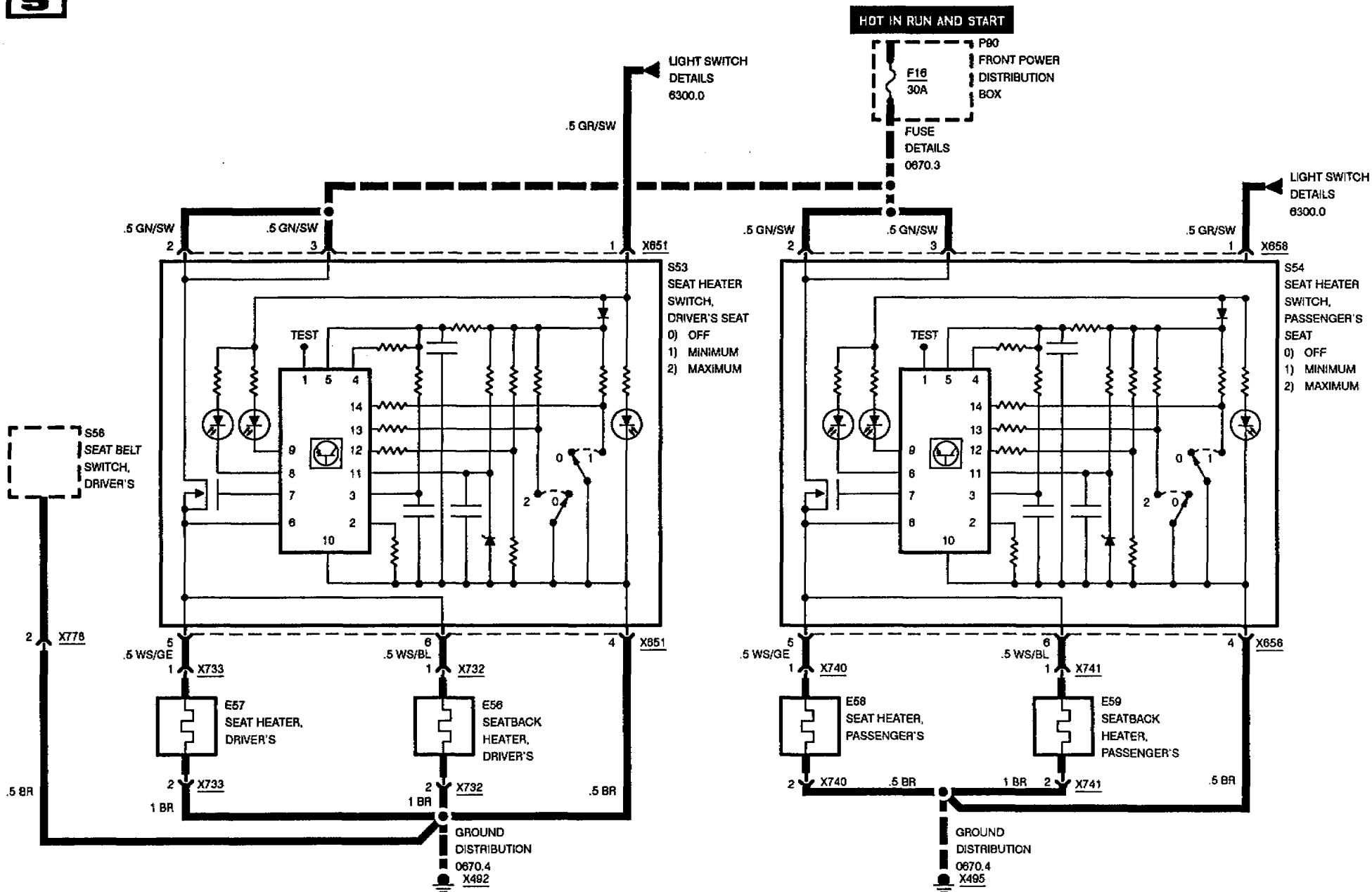


MEMORY SEATS/ MIRRORS (SM/SPM)





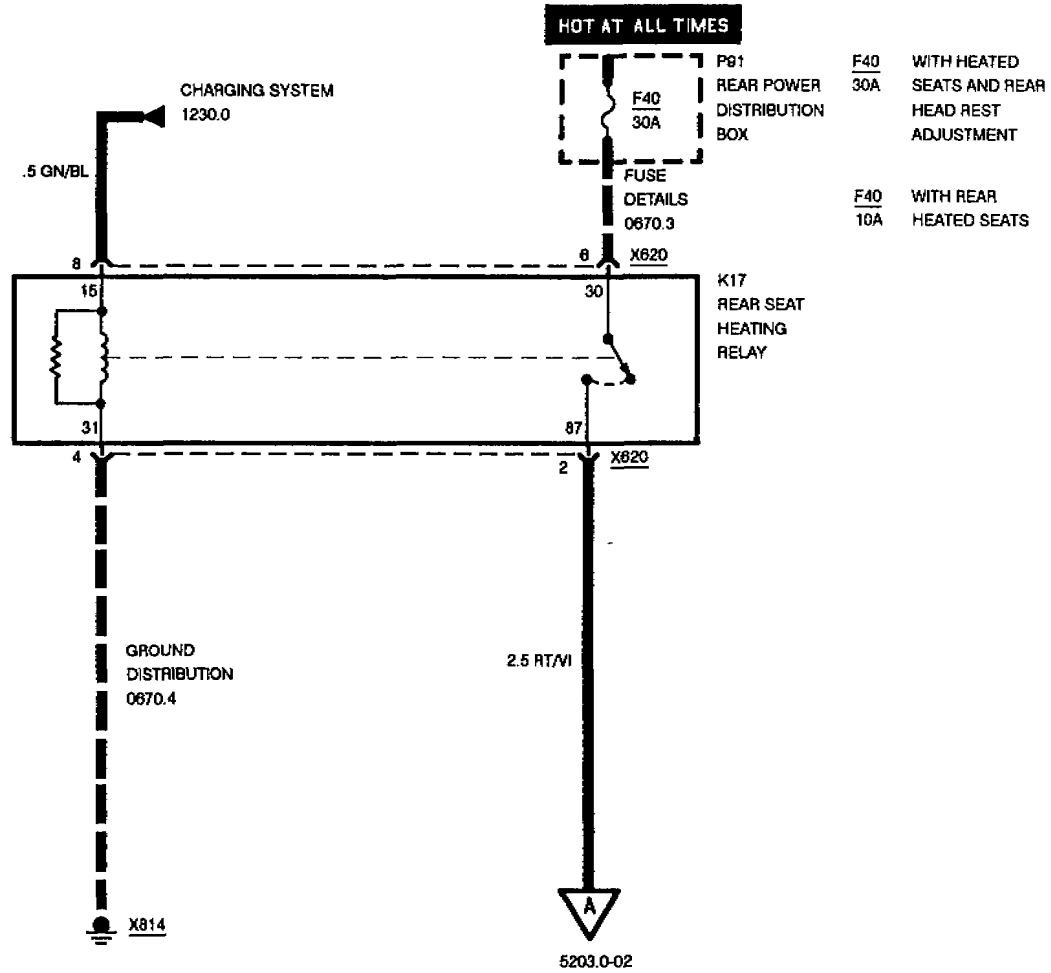
HEATED SEATS





HEATED SEATS REAR SEATS

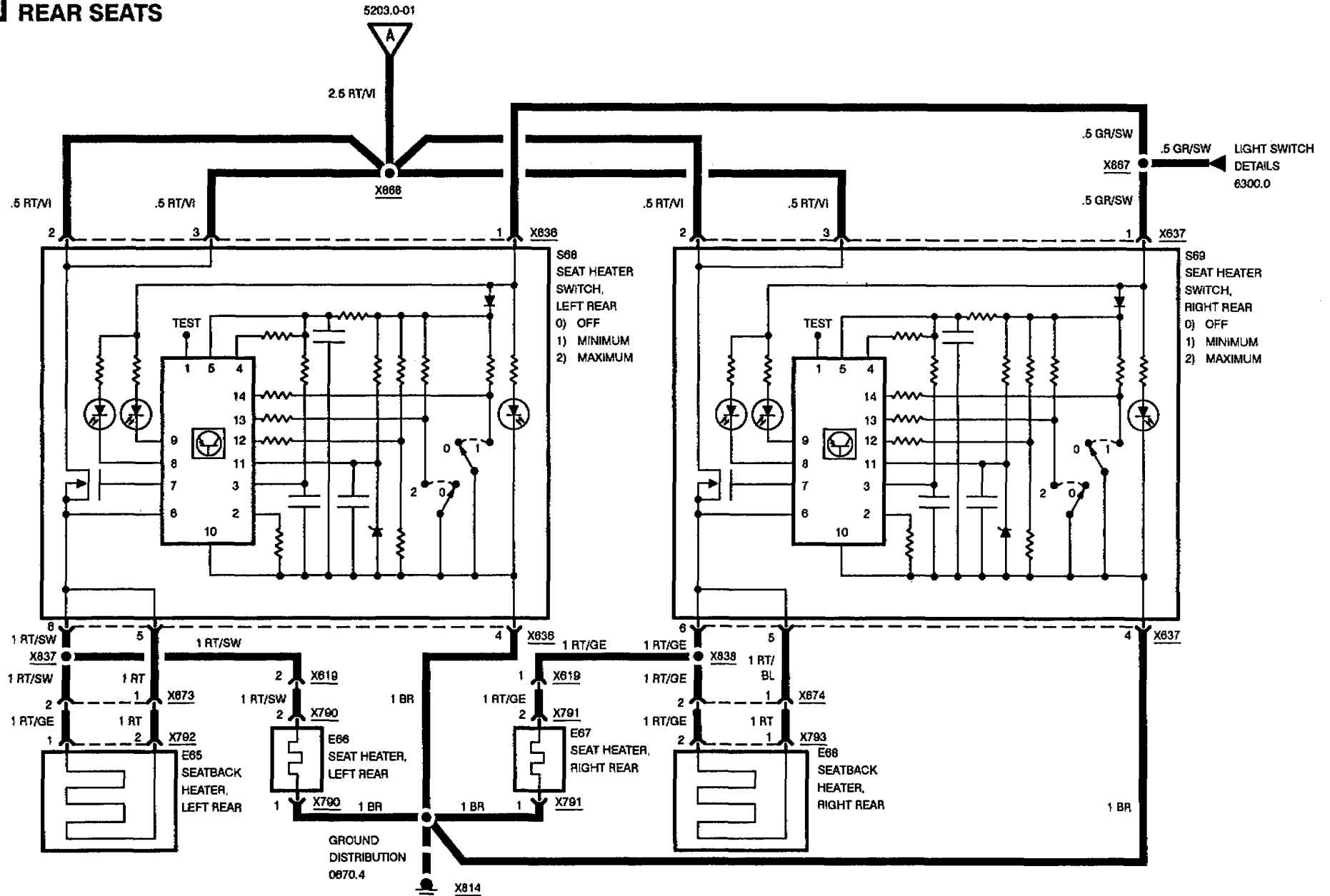
M5





HEATED SEATS REAR SEATS

M5



02/92

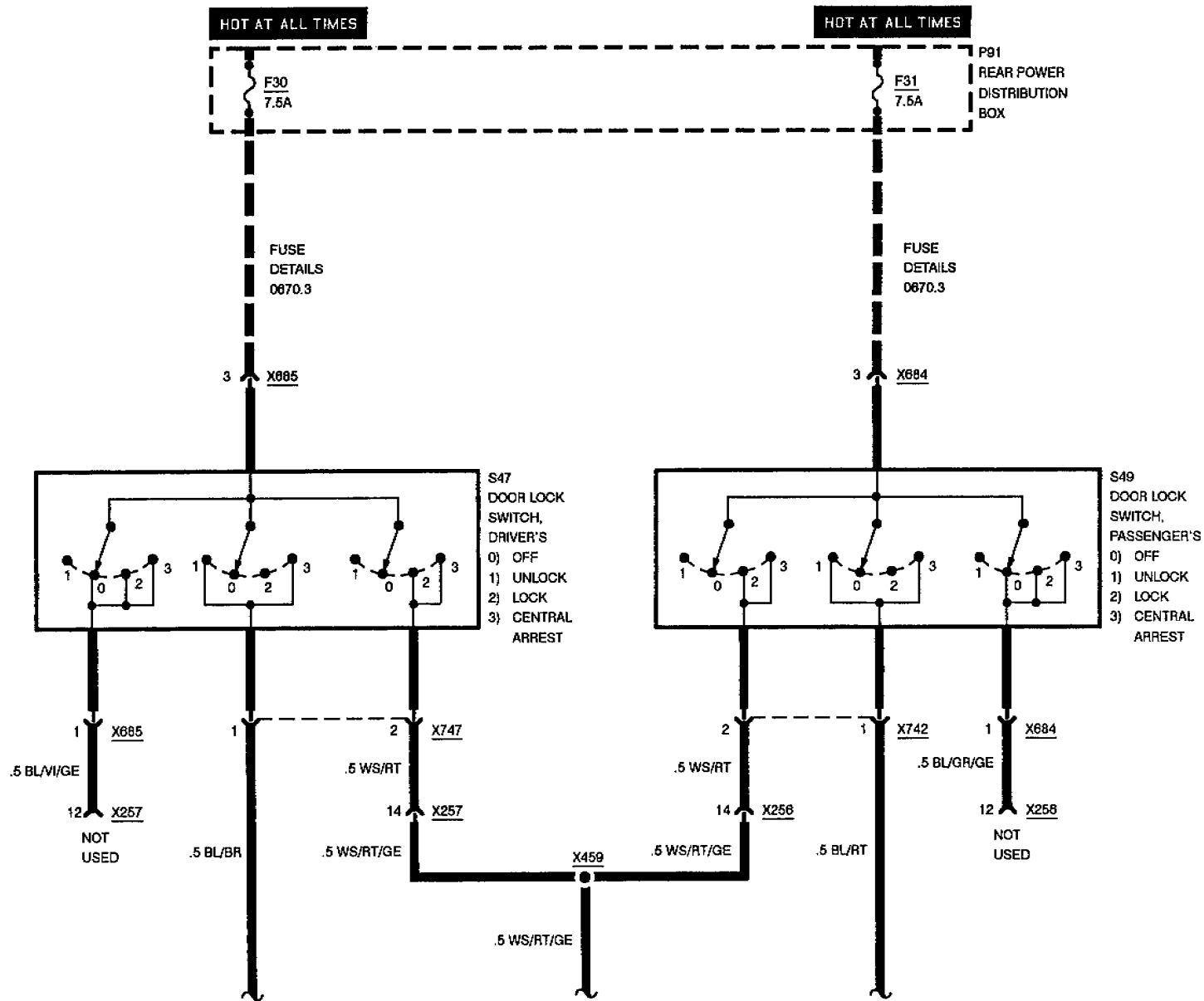
5203.0-02

1991



ZKE SUNROOF (SHD)

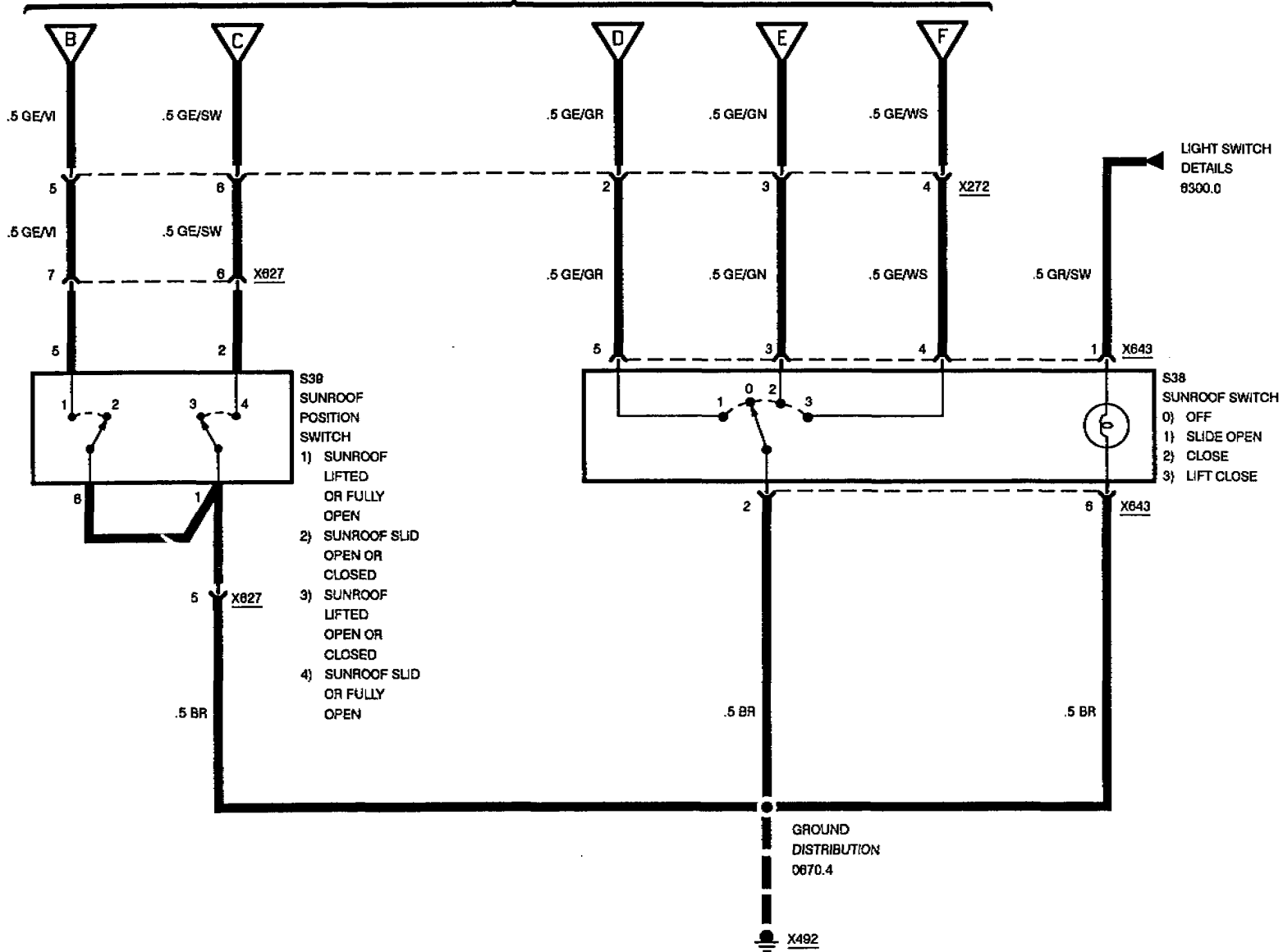
INPUT DETAILS





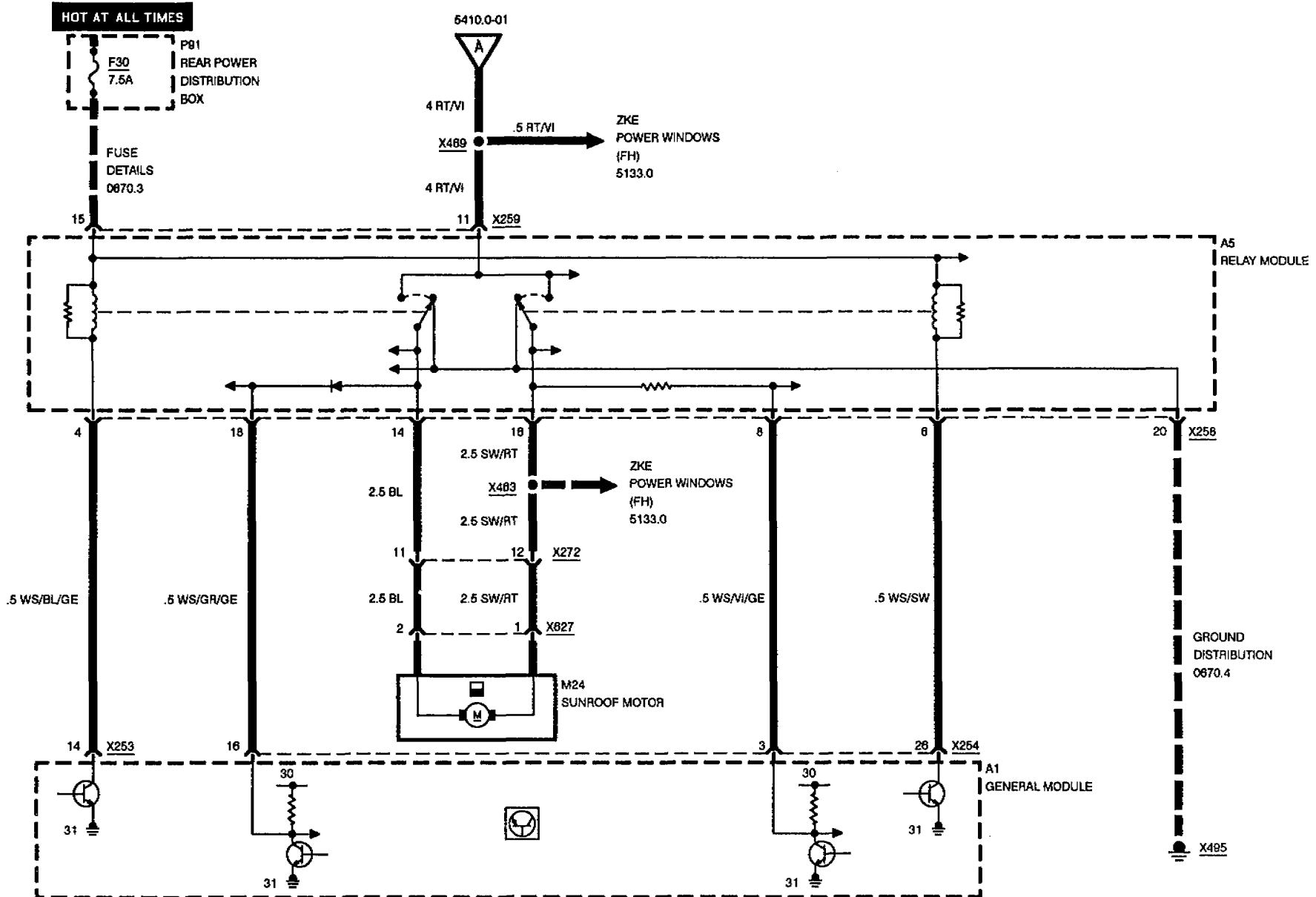
ZKE SUNROOF (SHD) INPUT DETAILS

5410.0-01





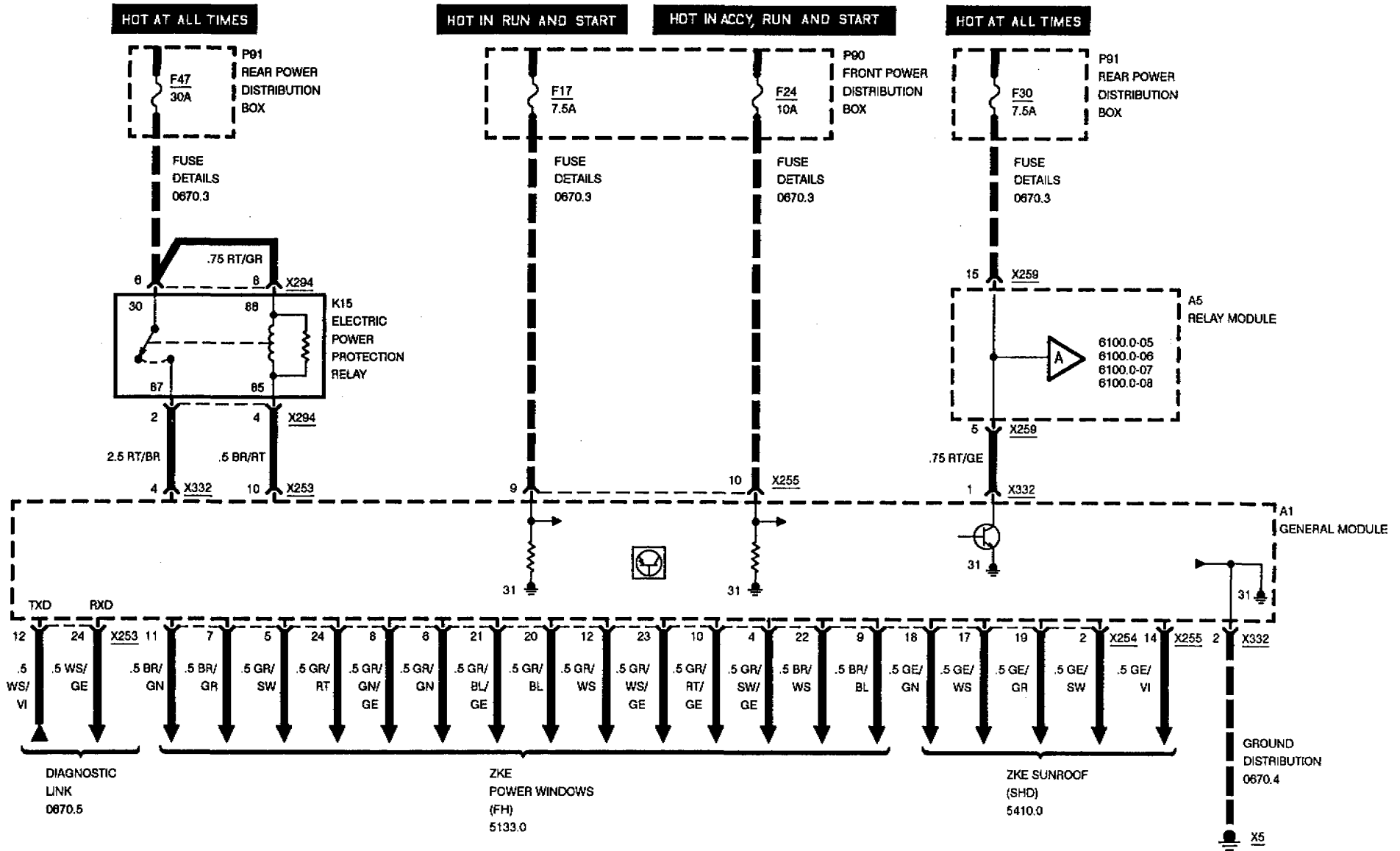
ZKE SUNROOF (SHD) OUTPUT DETAILS





CENTRAL BODY ELECTRONICS (ZKE)

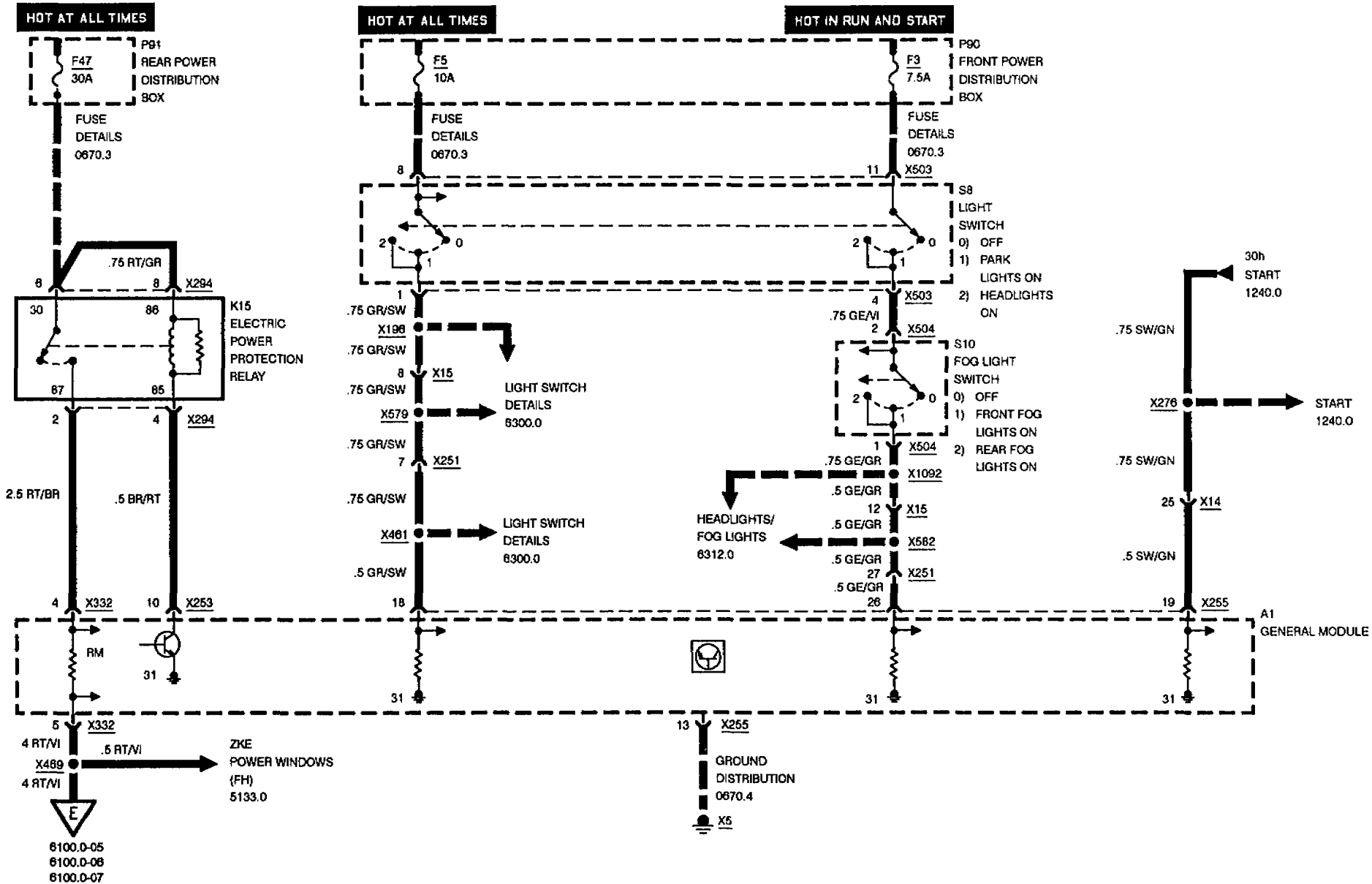
GENERAL MODULE





CENTRAL BODY ELECTRONICS (ZKE)

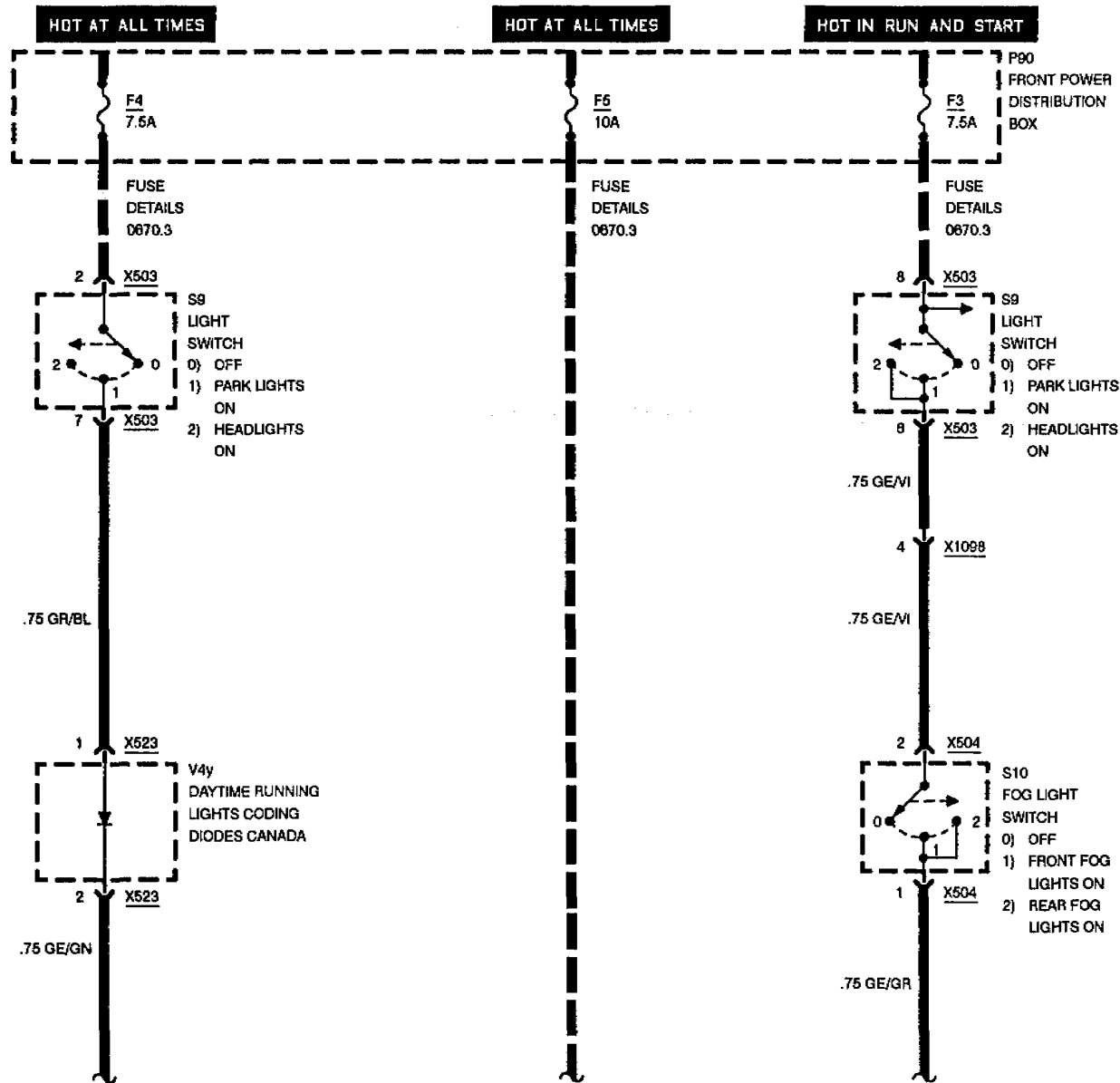
GENERAL MODULE

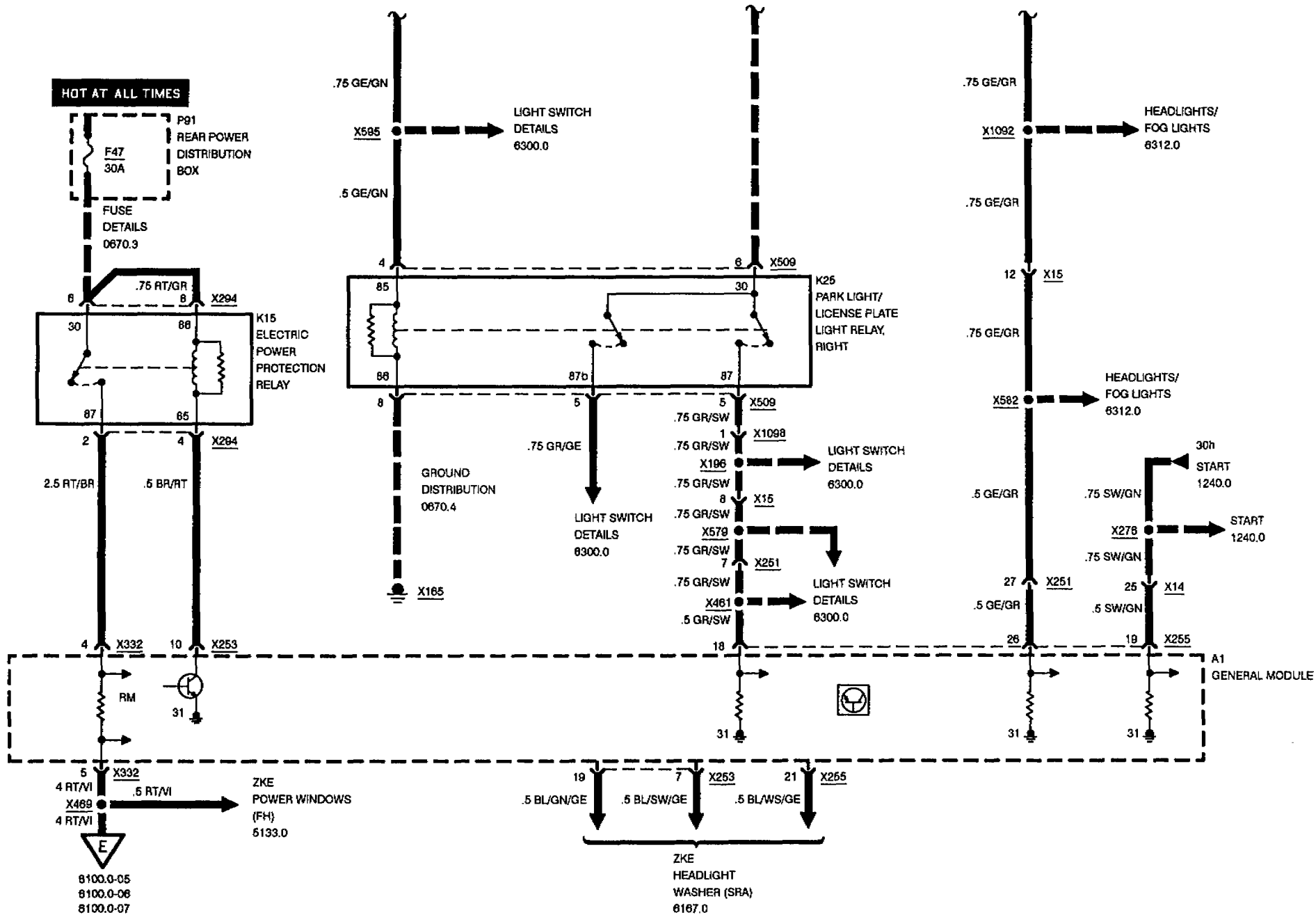




CENTRAL BODY ELECTRONICS (ZKE)

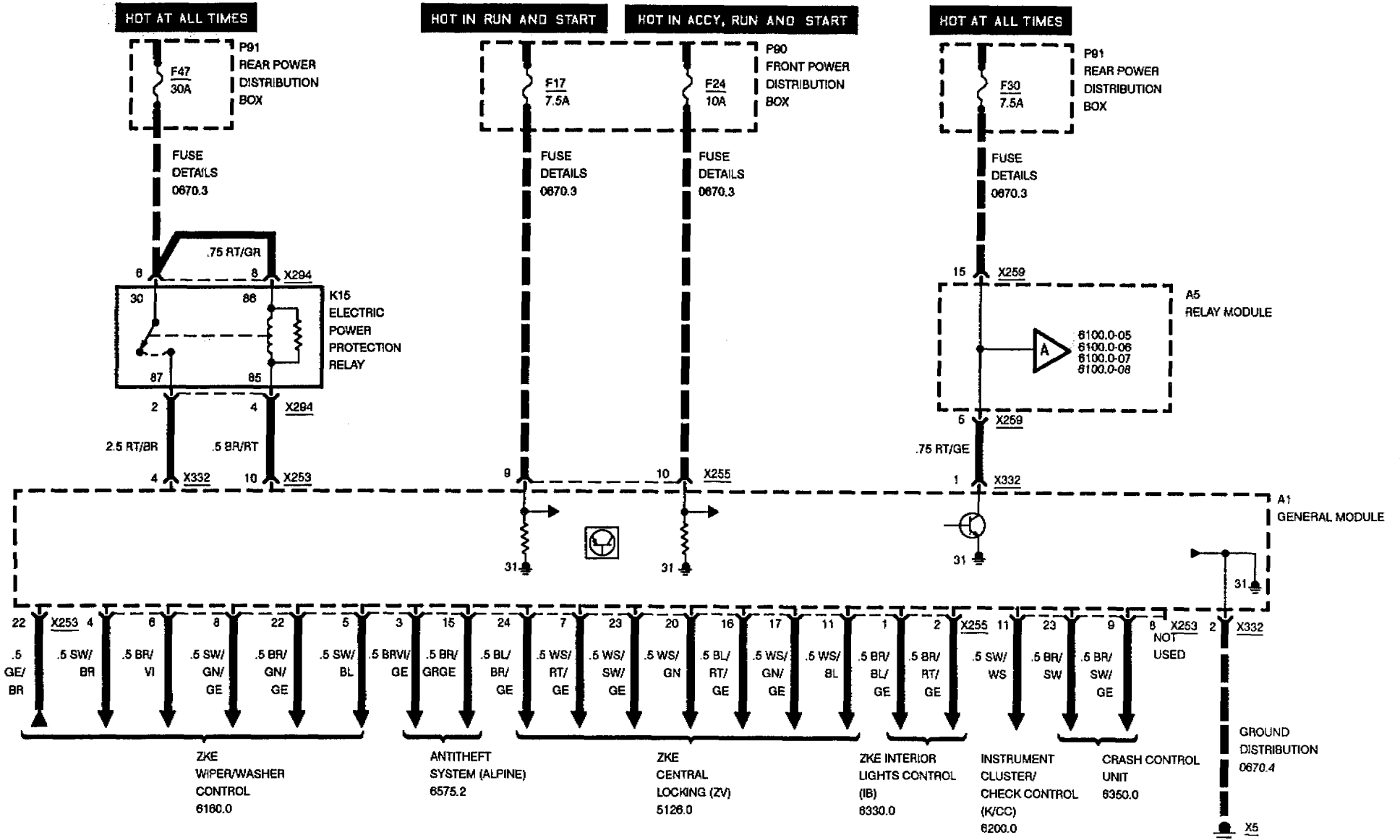
GENERAL MODULE







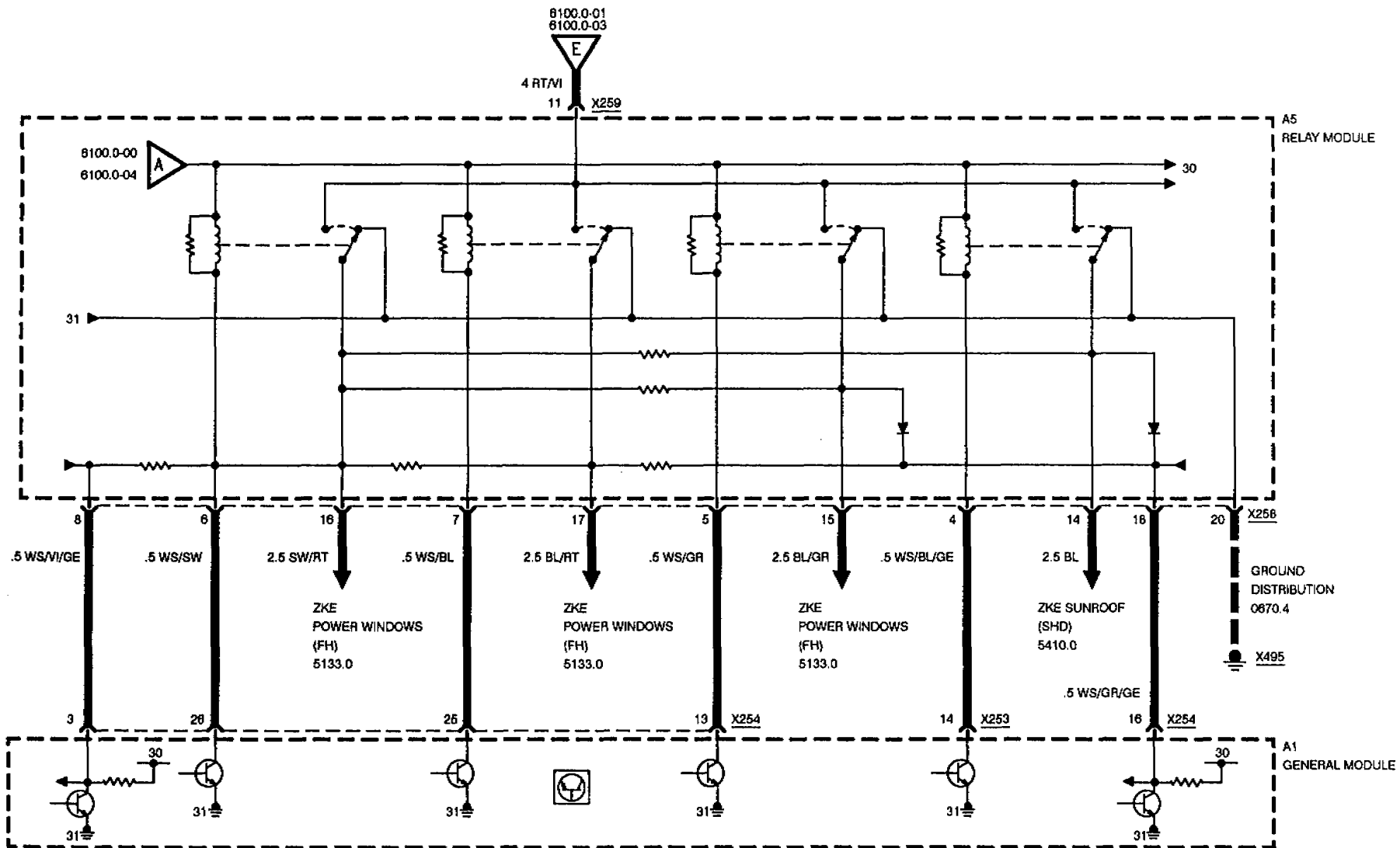
CENTRAL BODY ELECTRONICS (ZKE) GENERAL MODULE





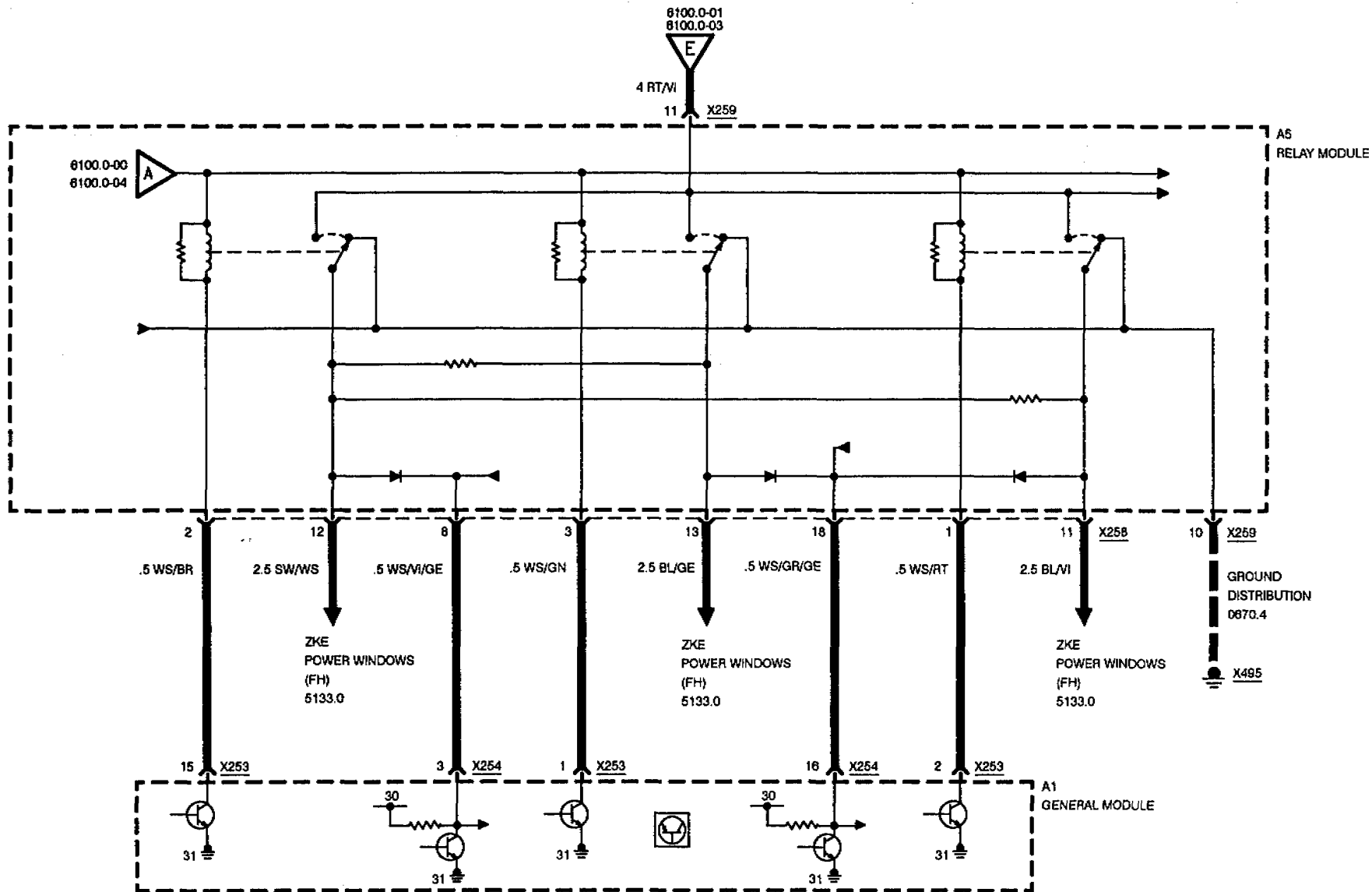
CENTRAL BODY ELECTRONICS (ZKE)

RELAY MODULE





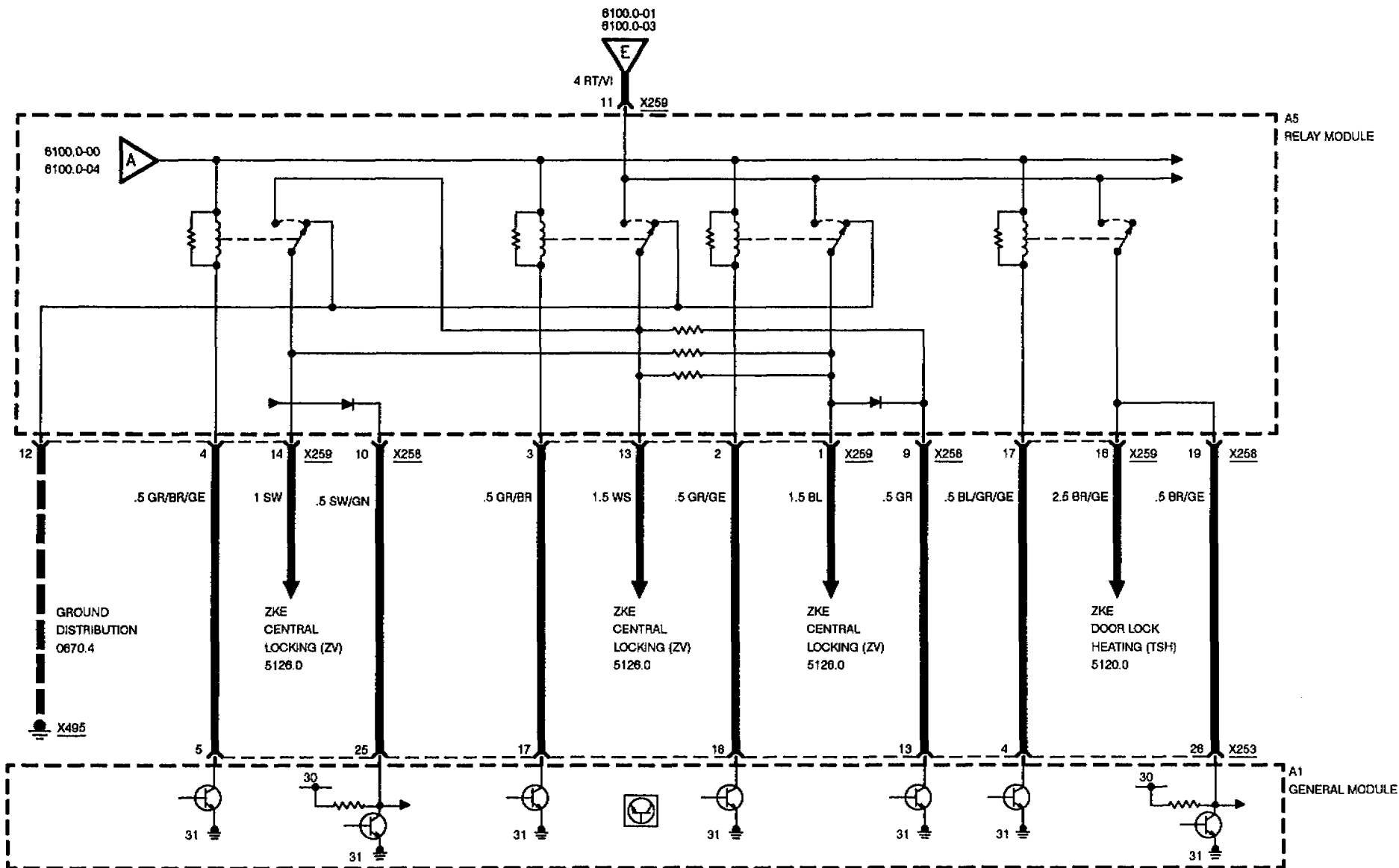
CENTRAL BODY ELECTRONICS (ZKE) RELAY MODULE





CENTRAL BODY ELECTRONICS (ZKE)

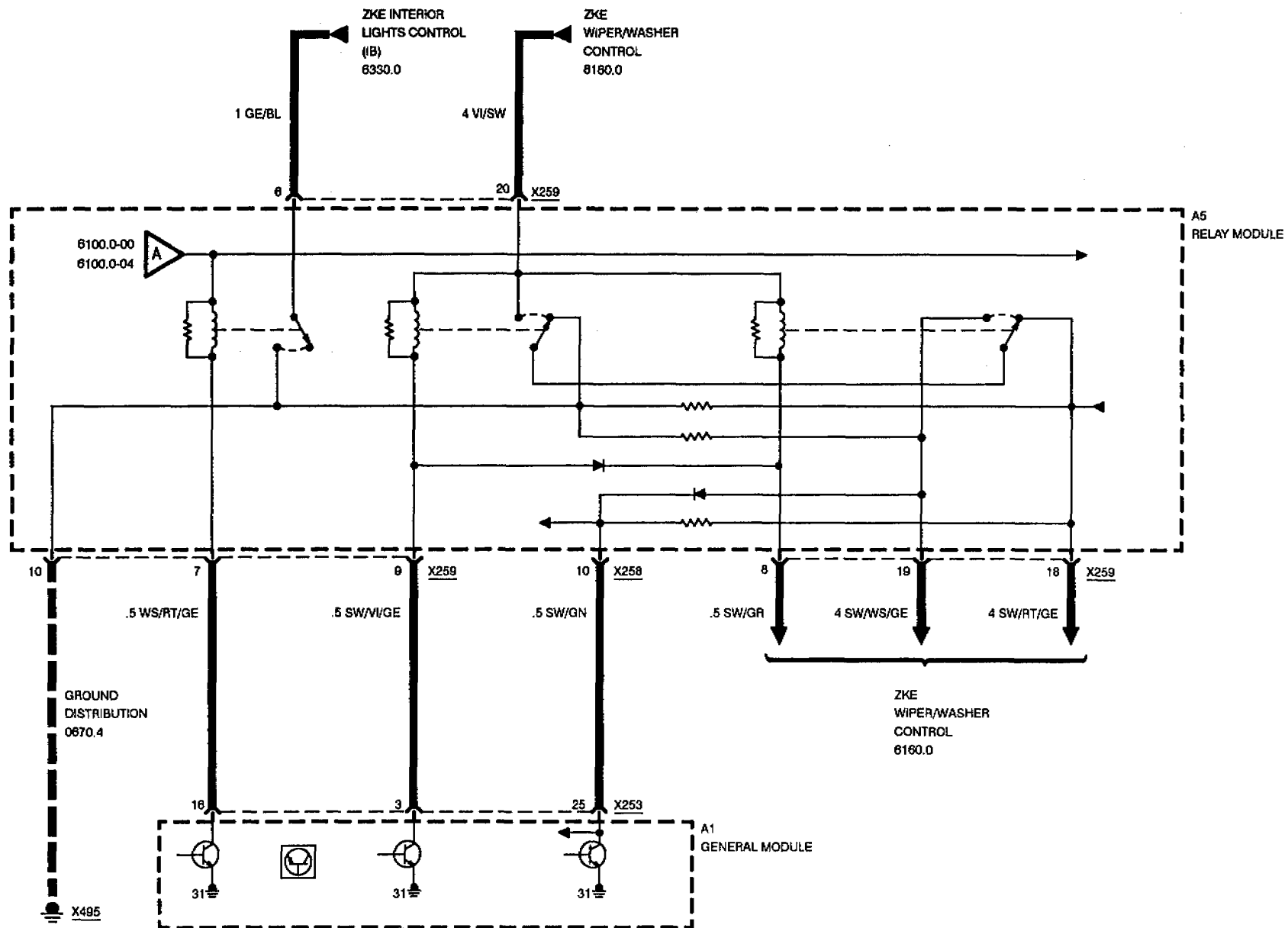
RELAY MODULE





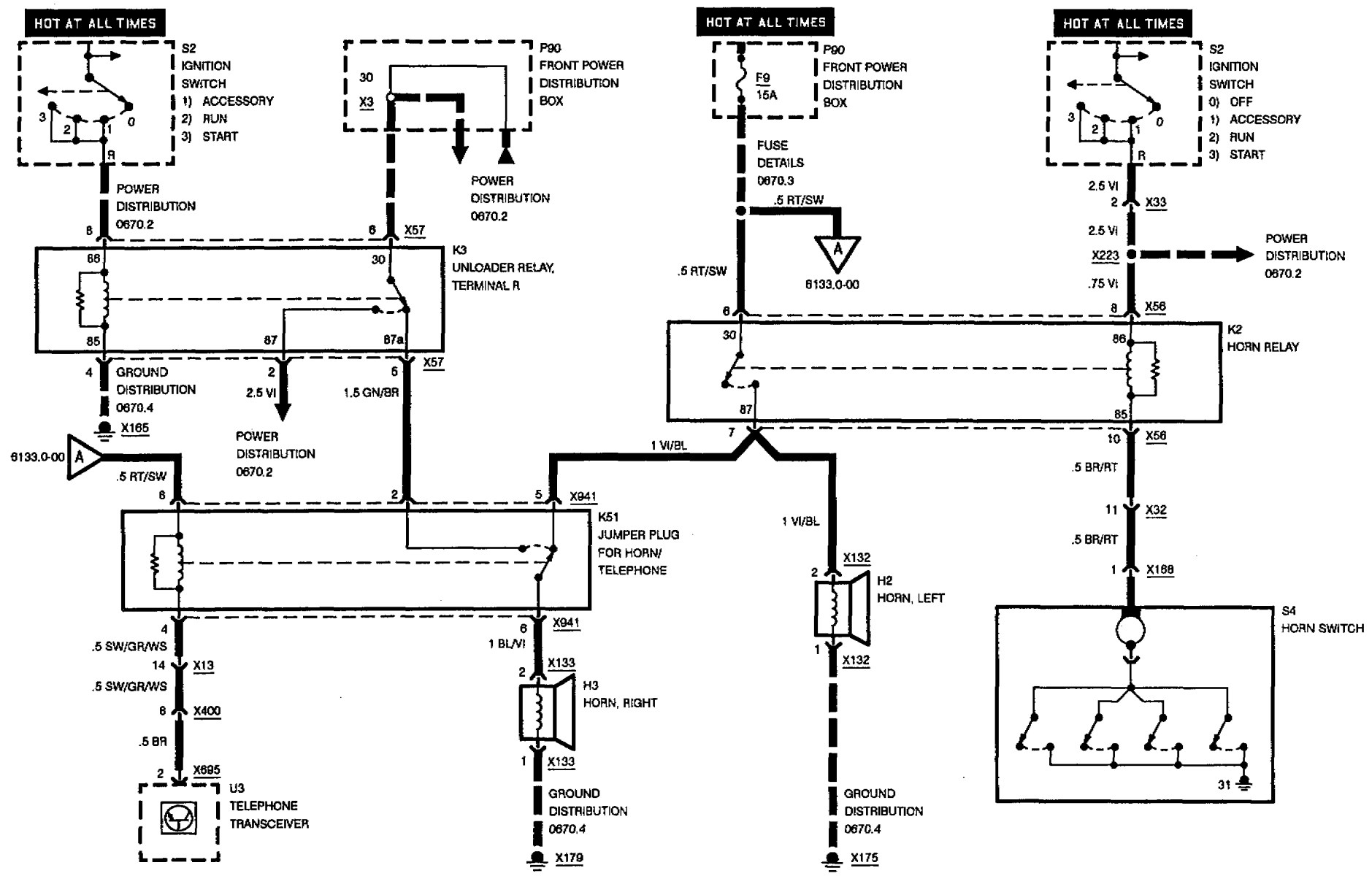
CENTRAL BODY ELECTRONICS (ZKE)

RELAY MODULE





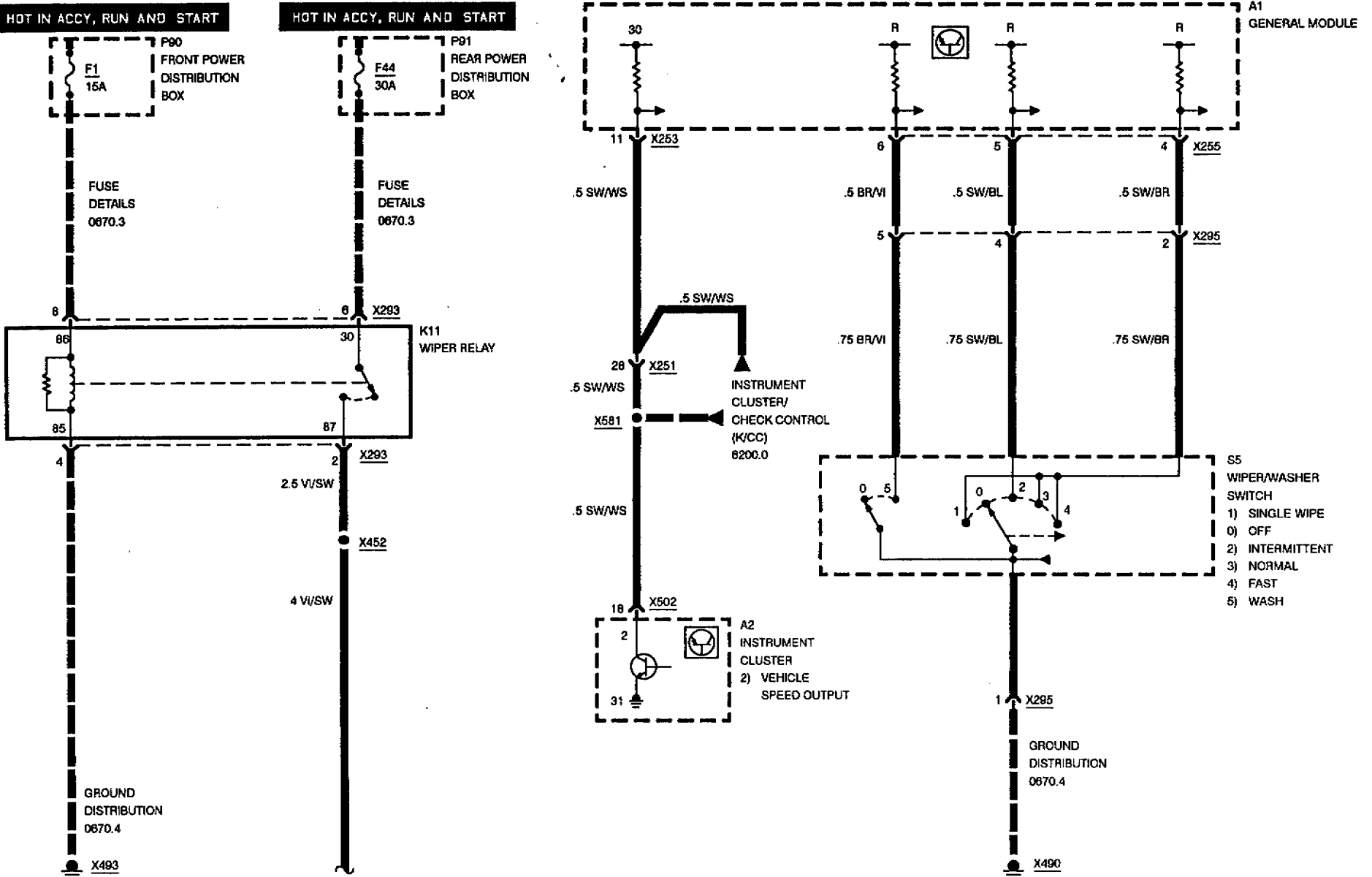
HORN

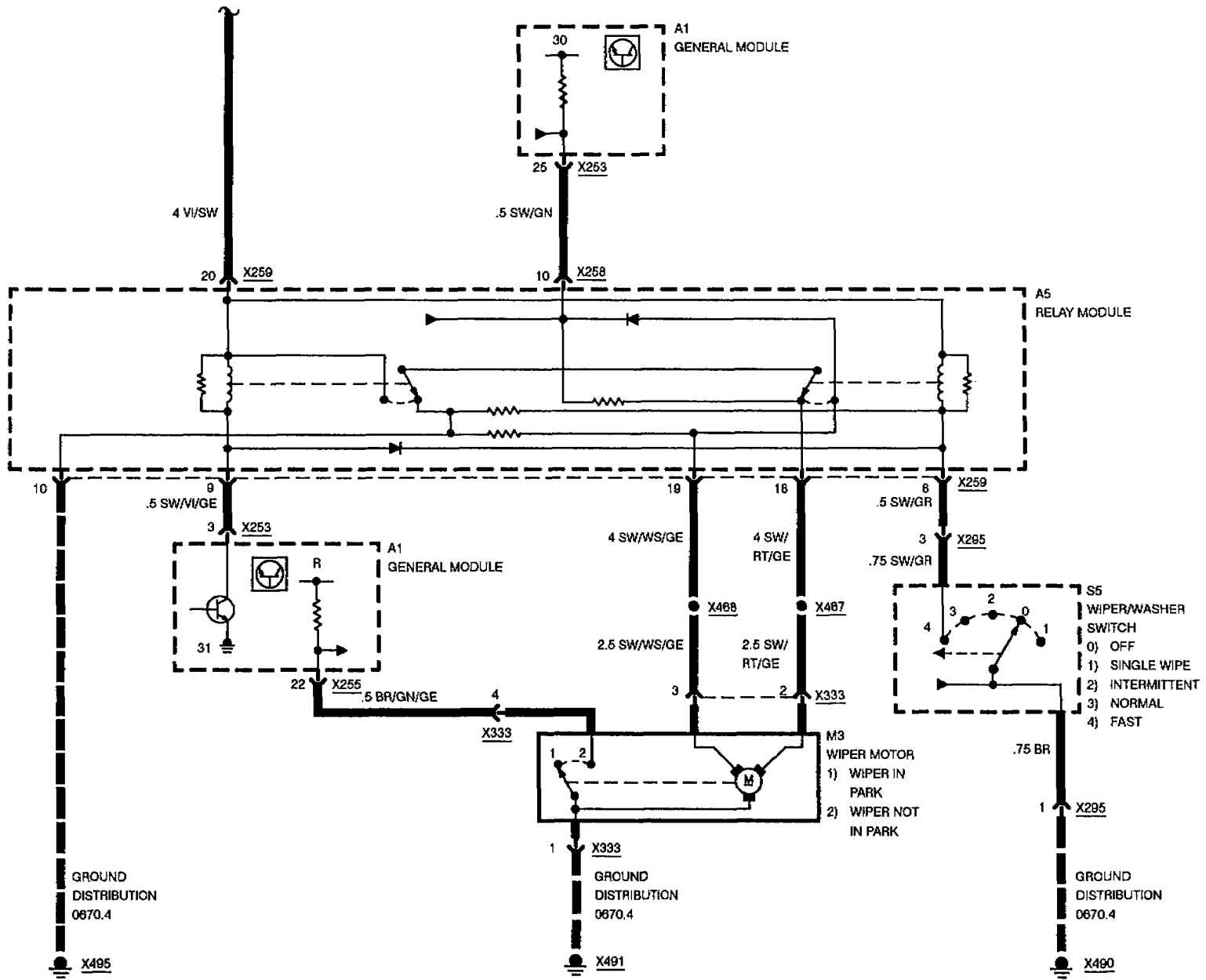




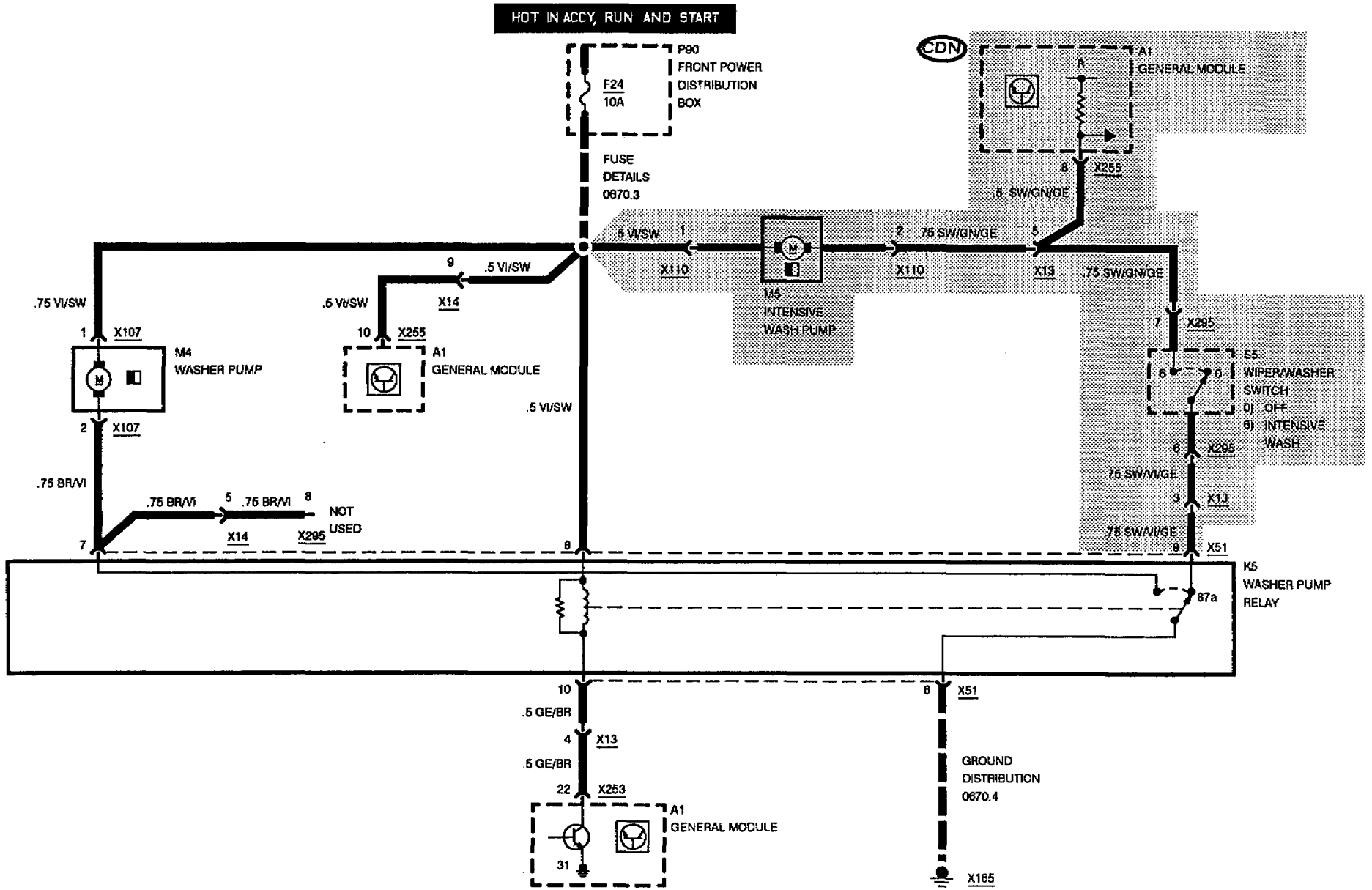
ZKE WIPER/WASHER CONTROL

INPUT DETAILS





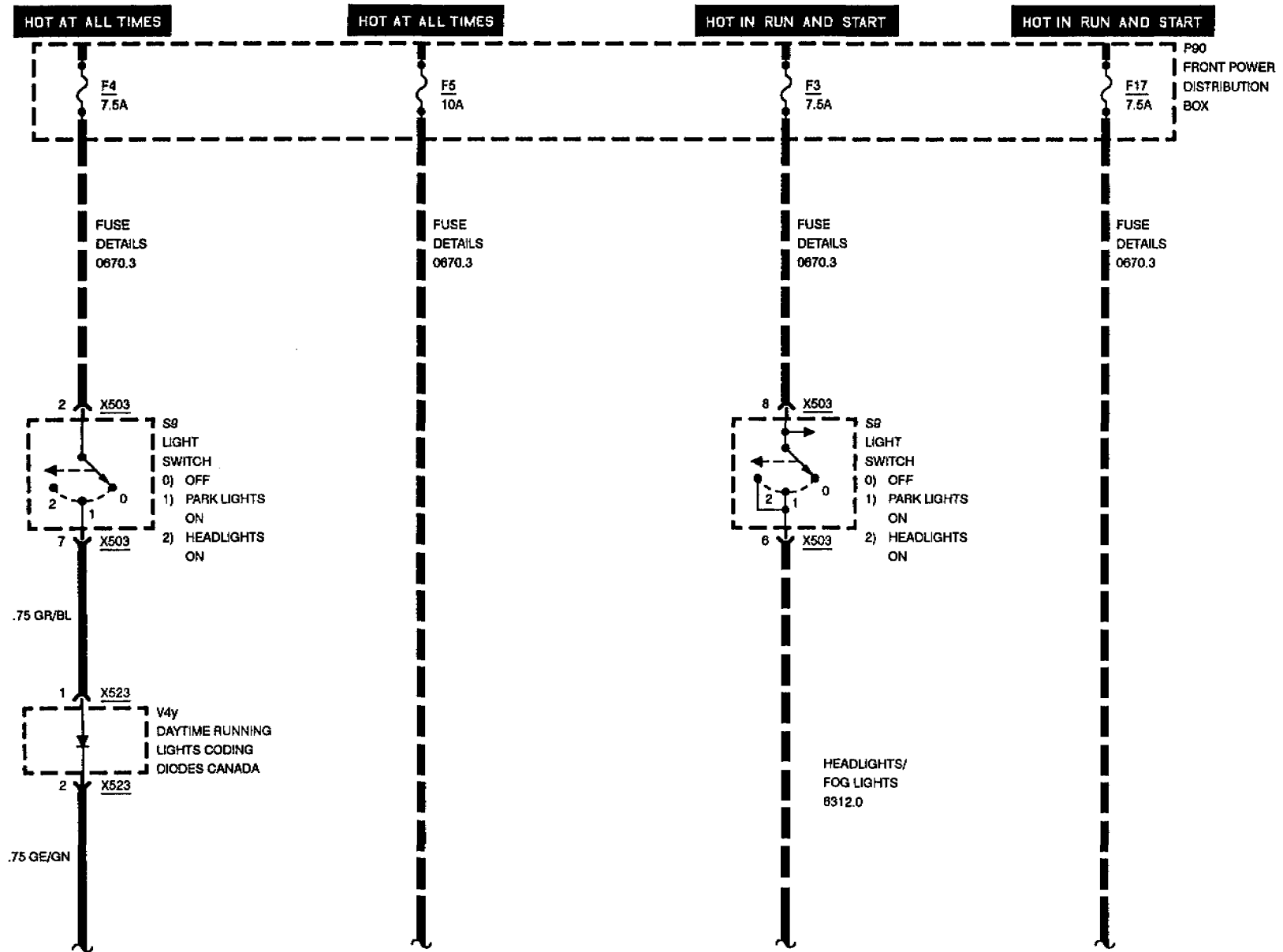
ZKE WIPER/WASHER CONTROL

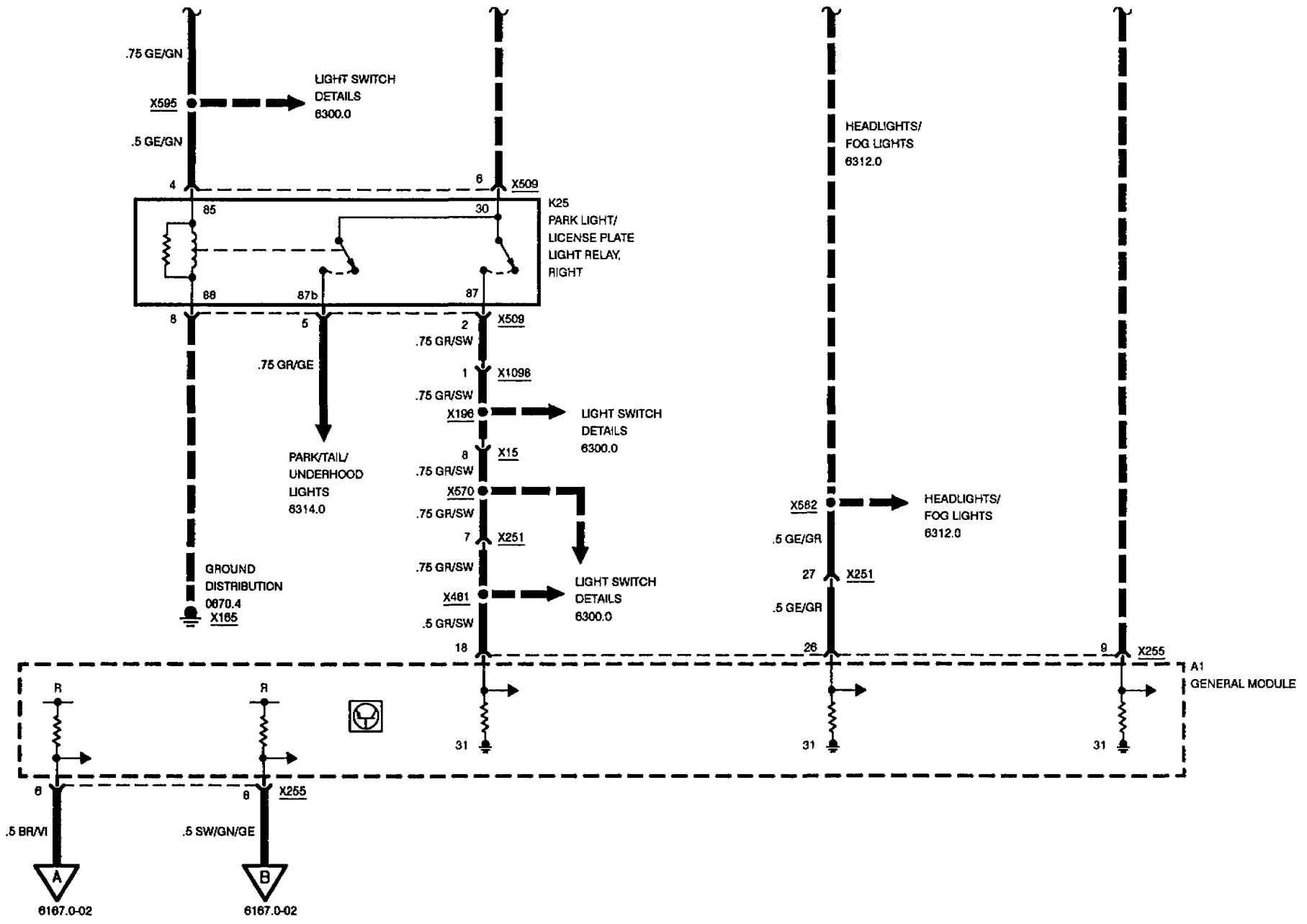




ZKE HEADLIGHT WASHER (SRA)

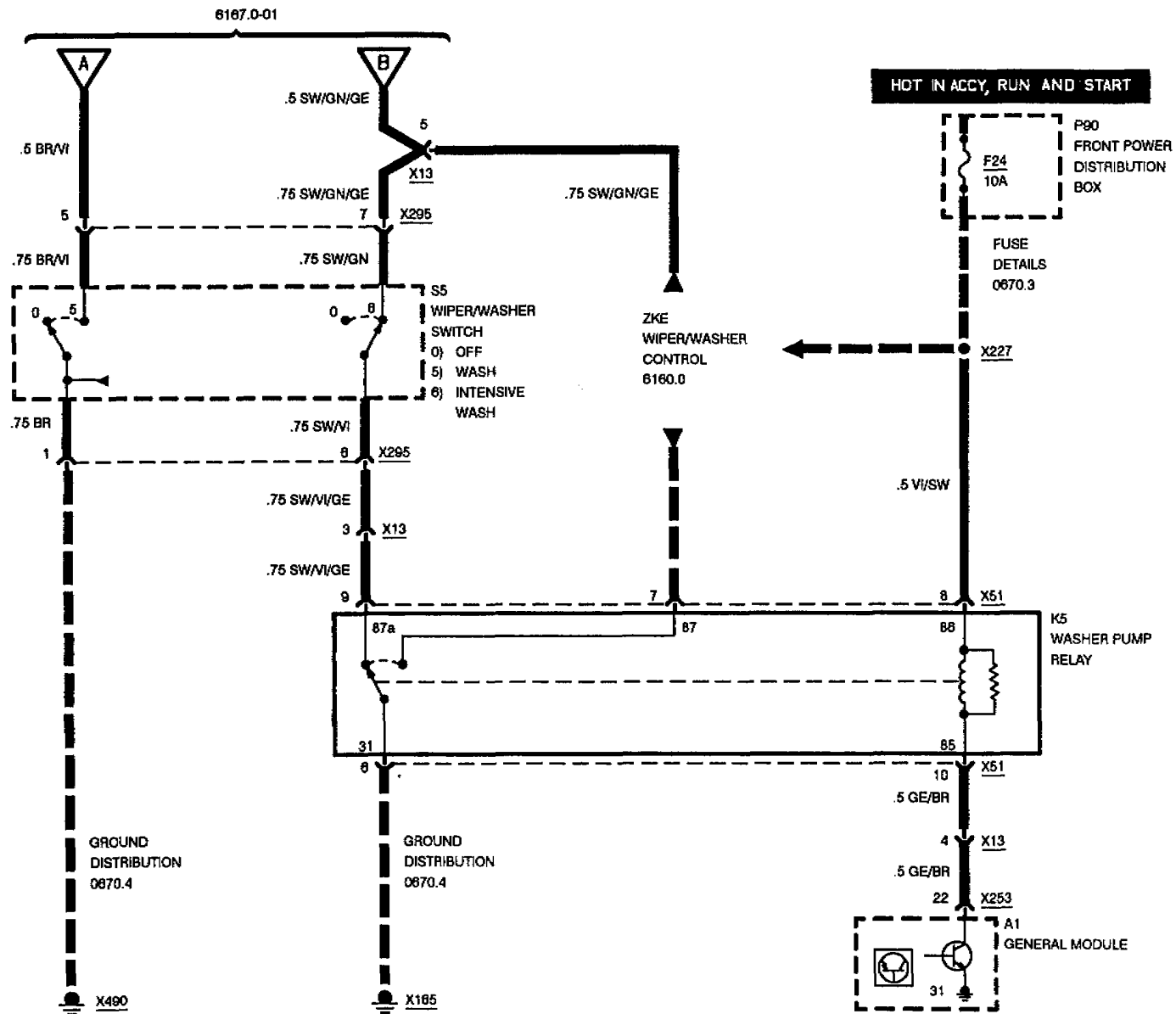
INPUT DETAILS





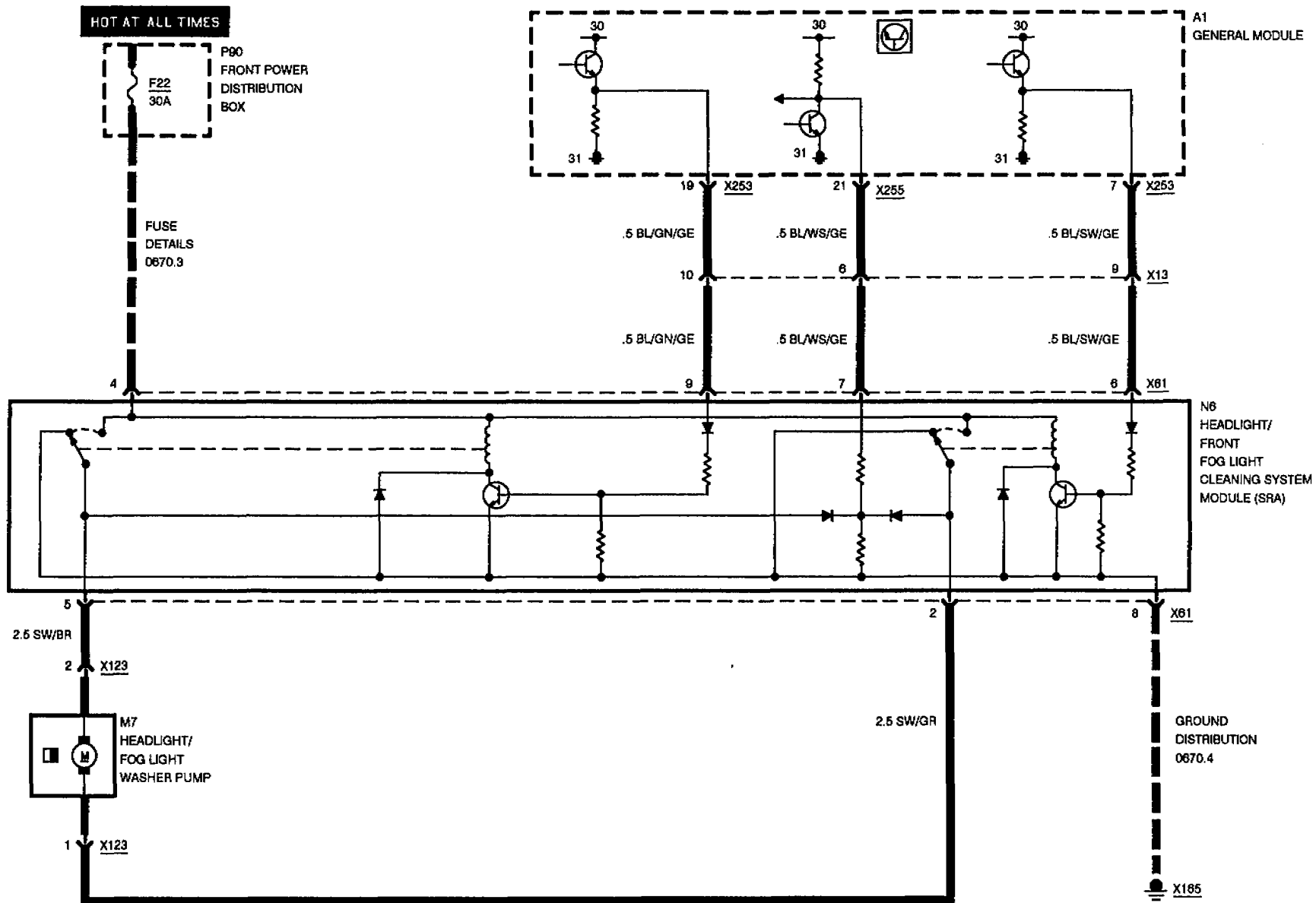
ZKE HEADLIGHT WASHER (SRA)

INPUT DETAILS



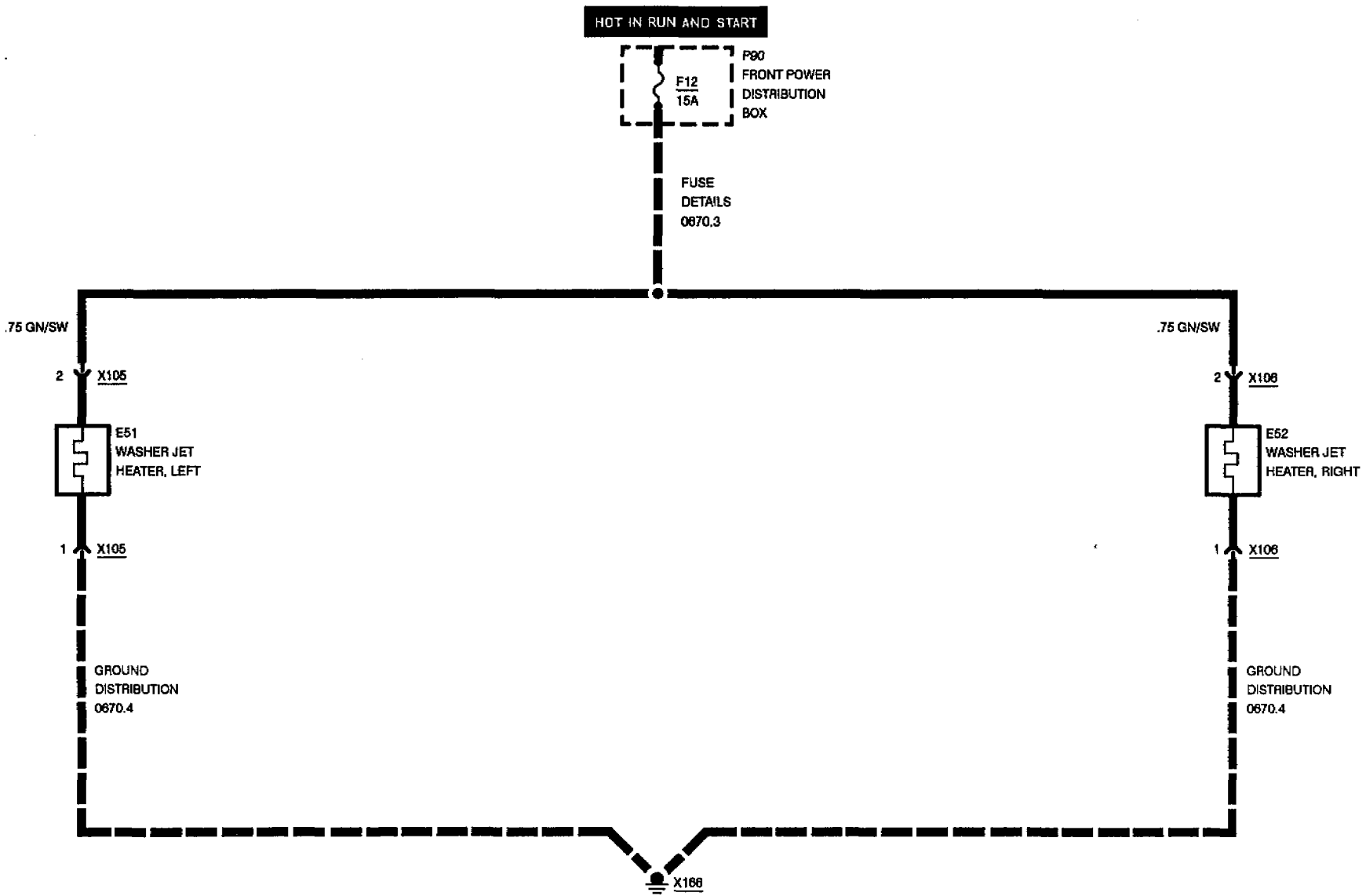


ZKE HEADLIGHT WASHER (SRA) OUTPUT DETAILS



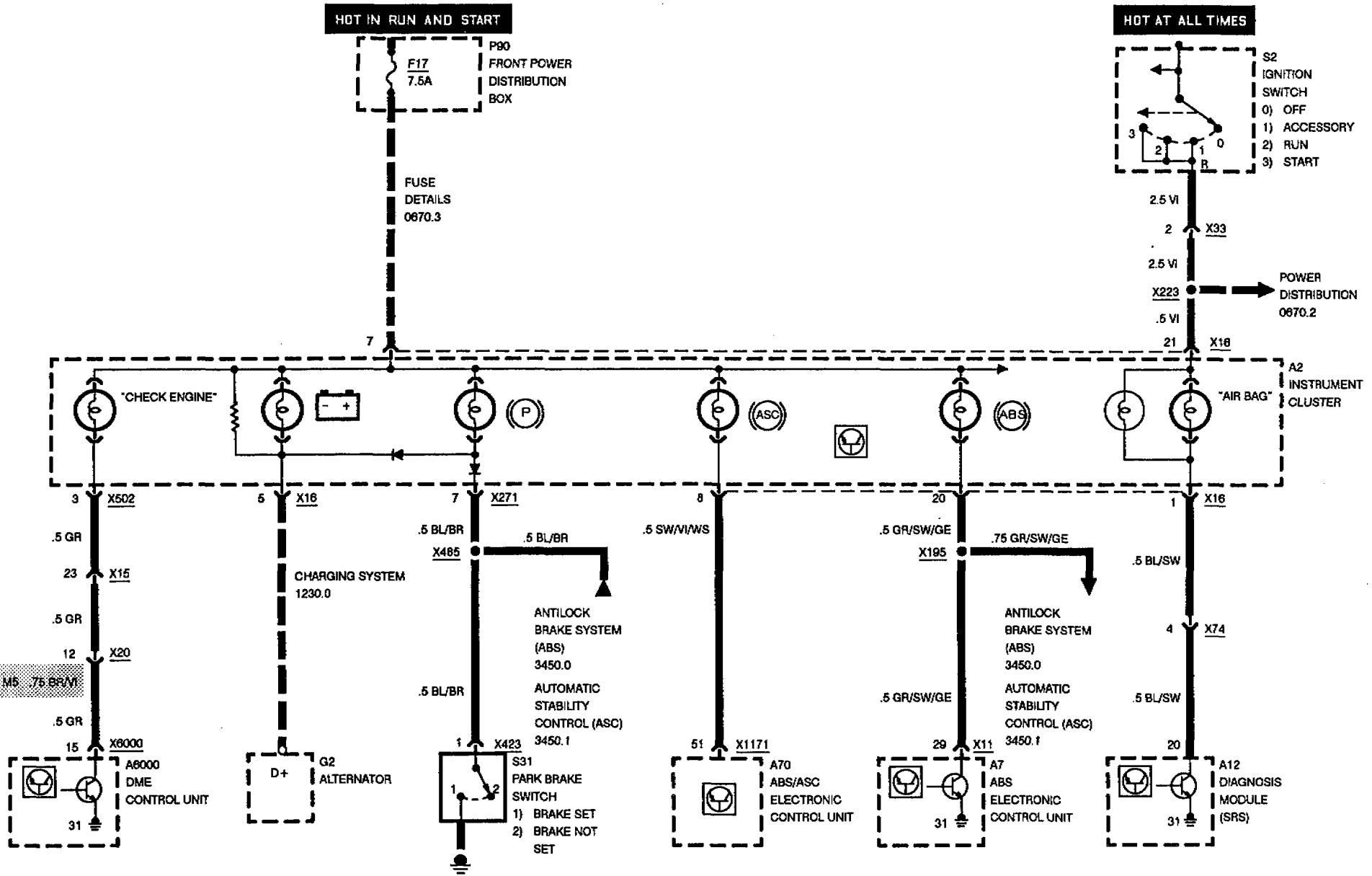


WINDSHIELD WASHER JET HEATERS



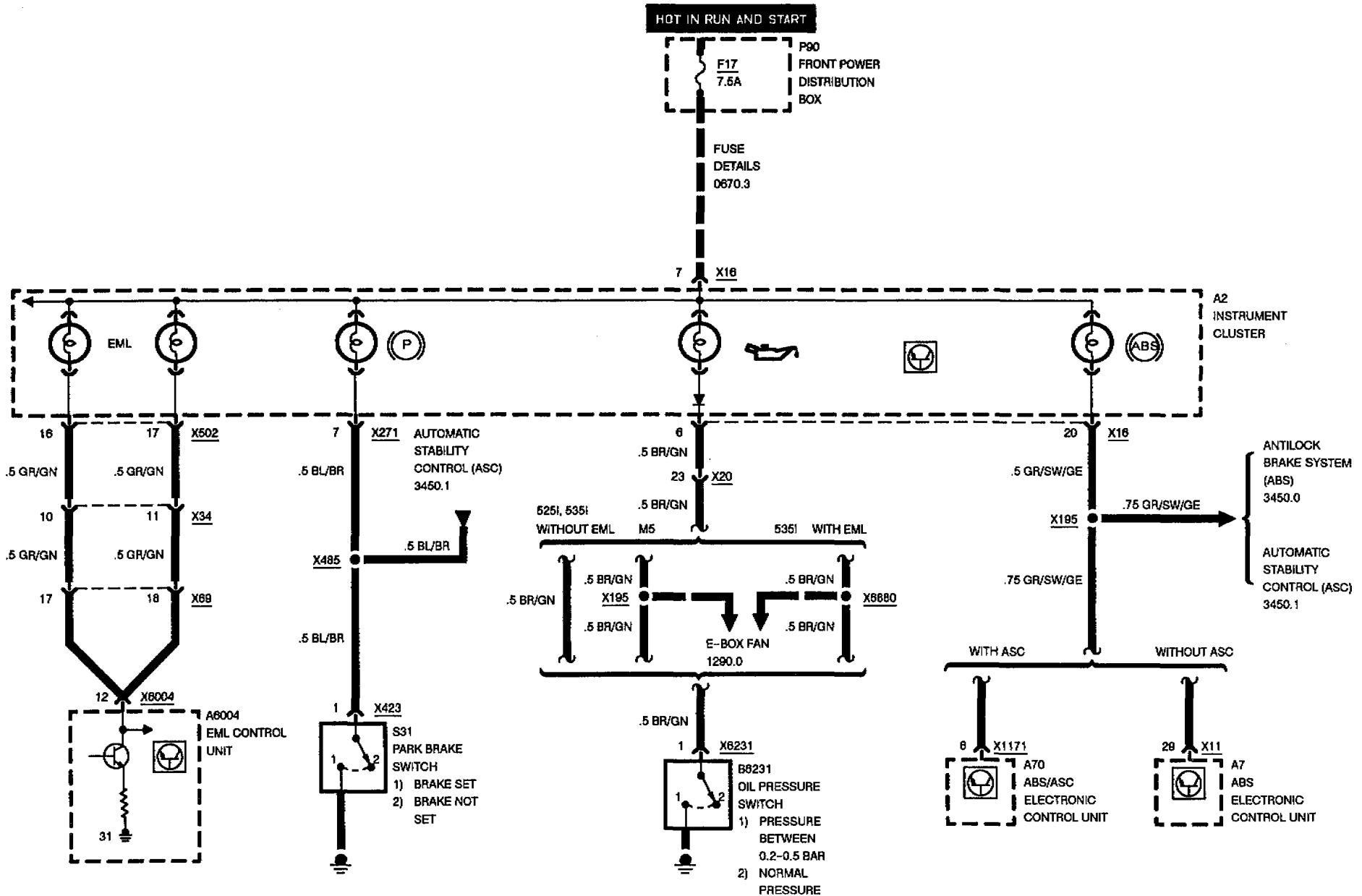


INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC) INDICATORS





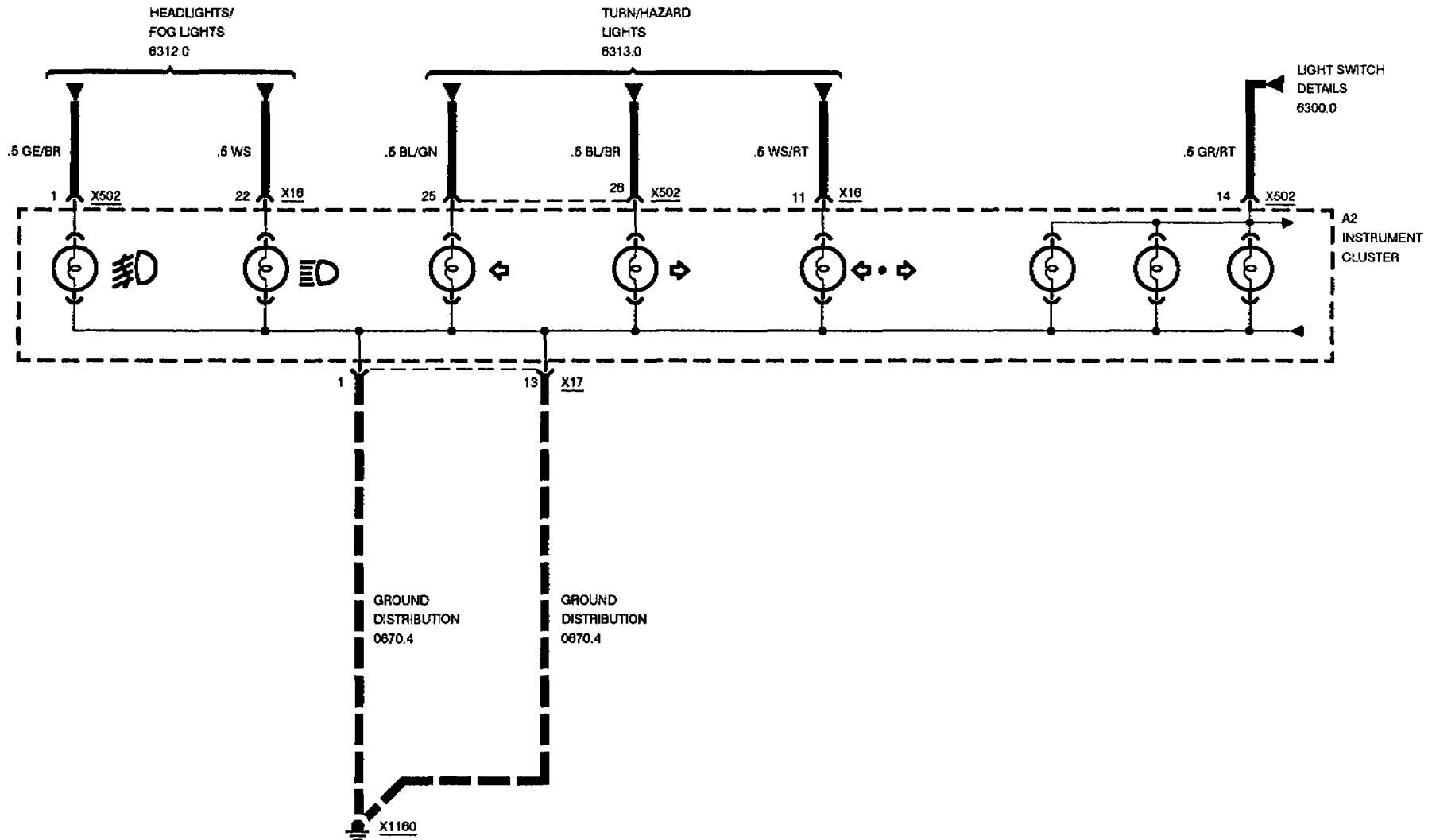
INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC) INDICATORS





INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

INDICATORS

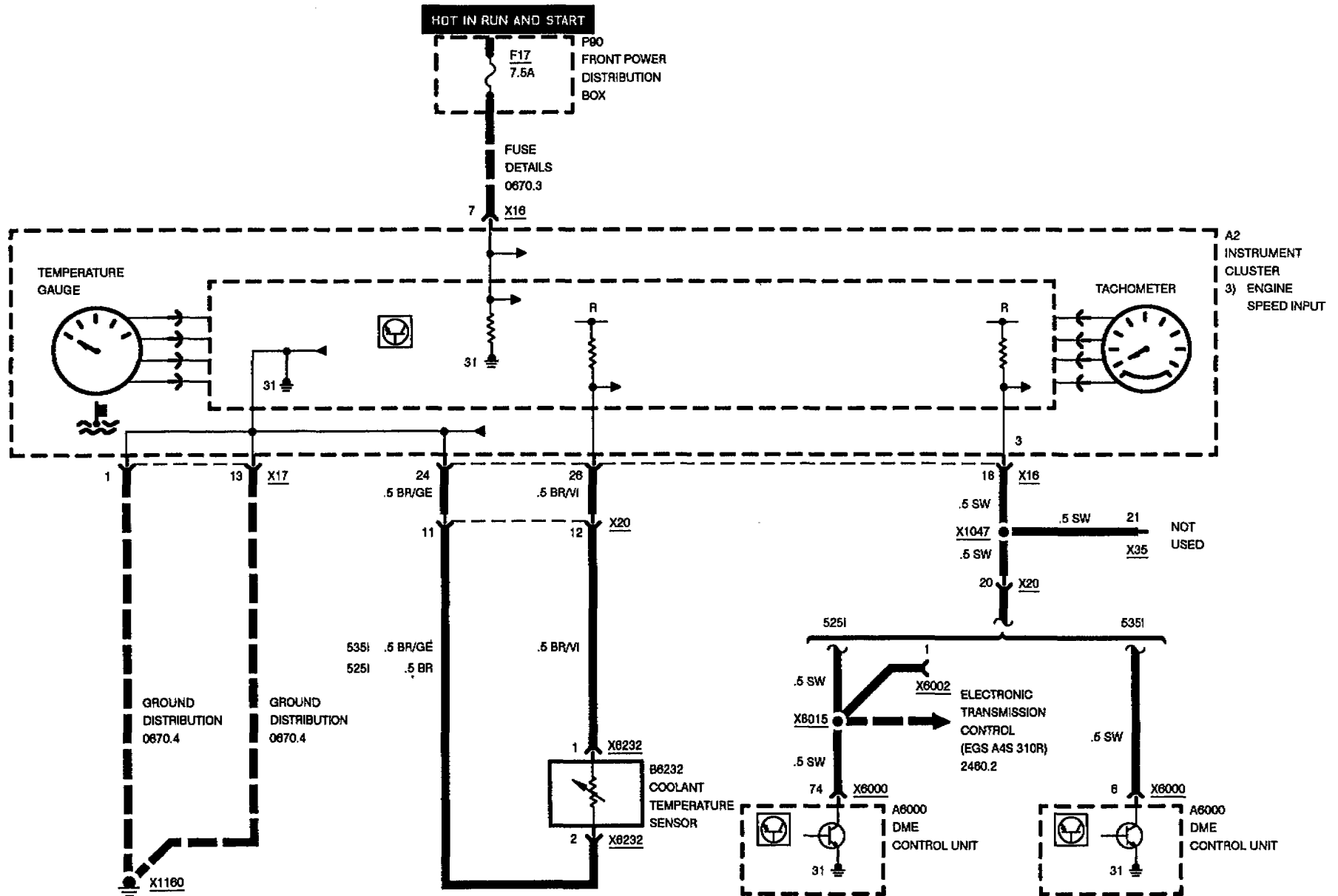




INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

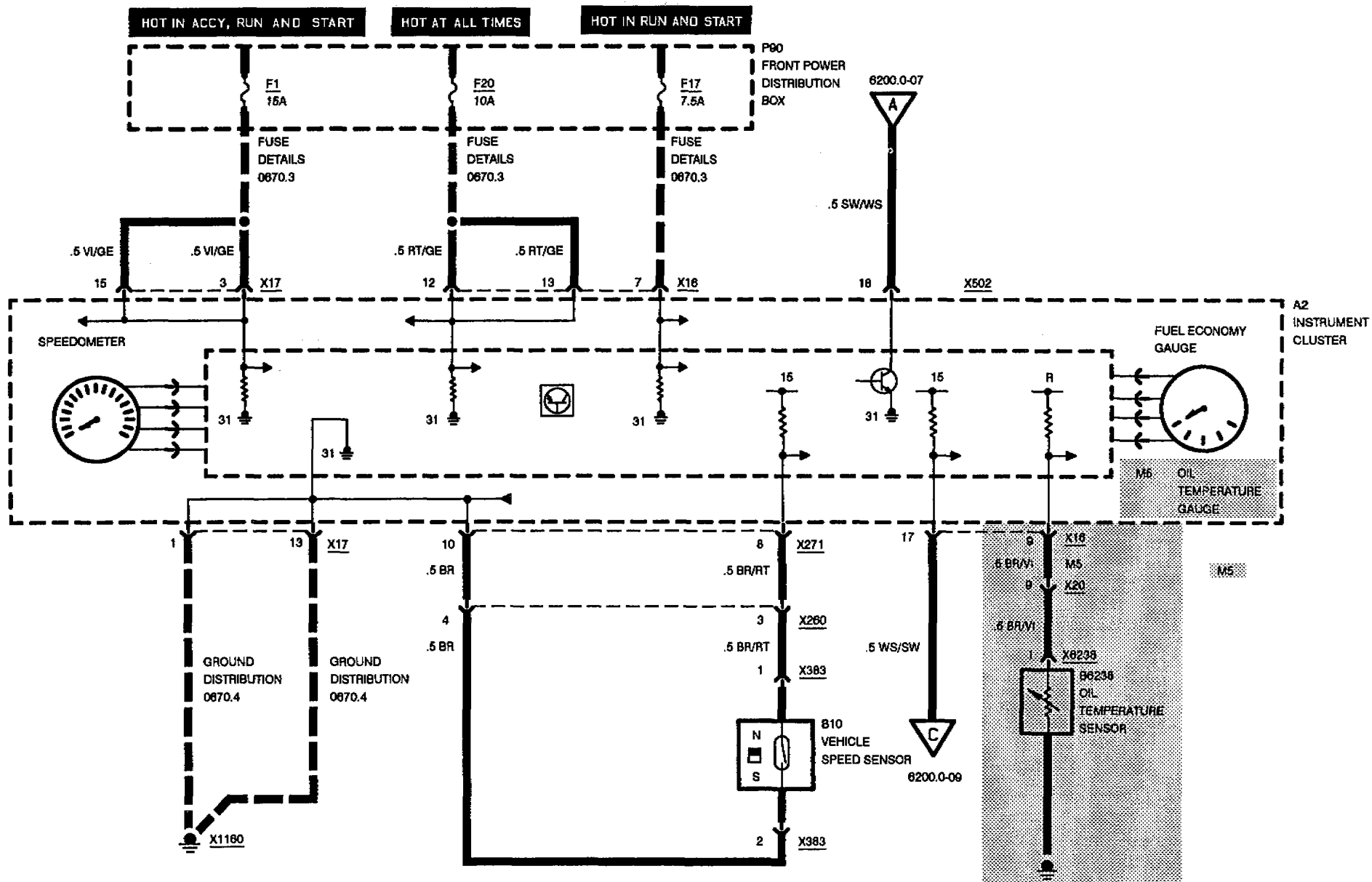
525i, 535i

GAUGES





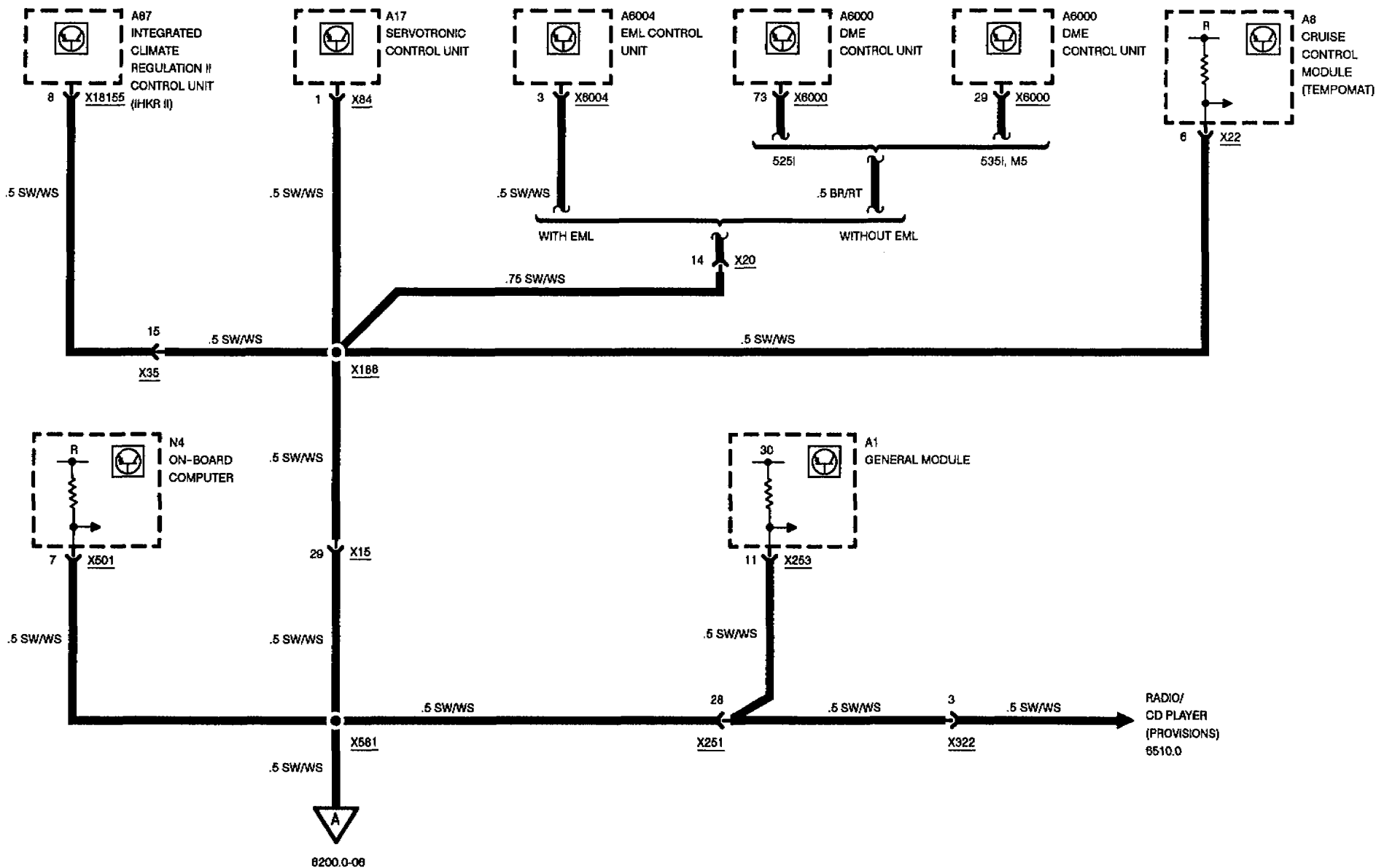
INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC) GAUGES





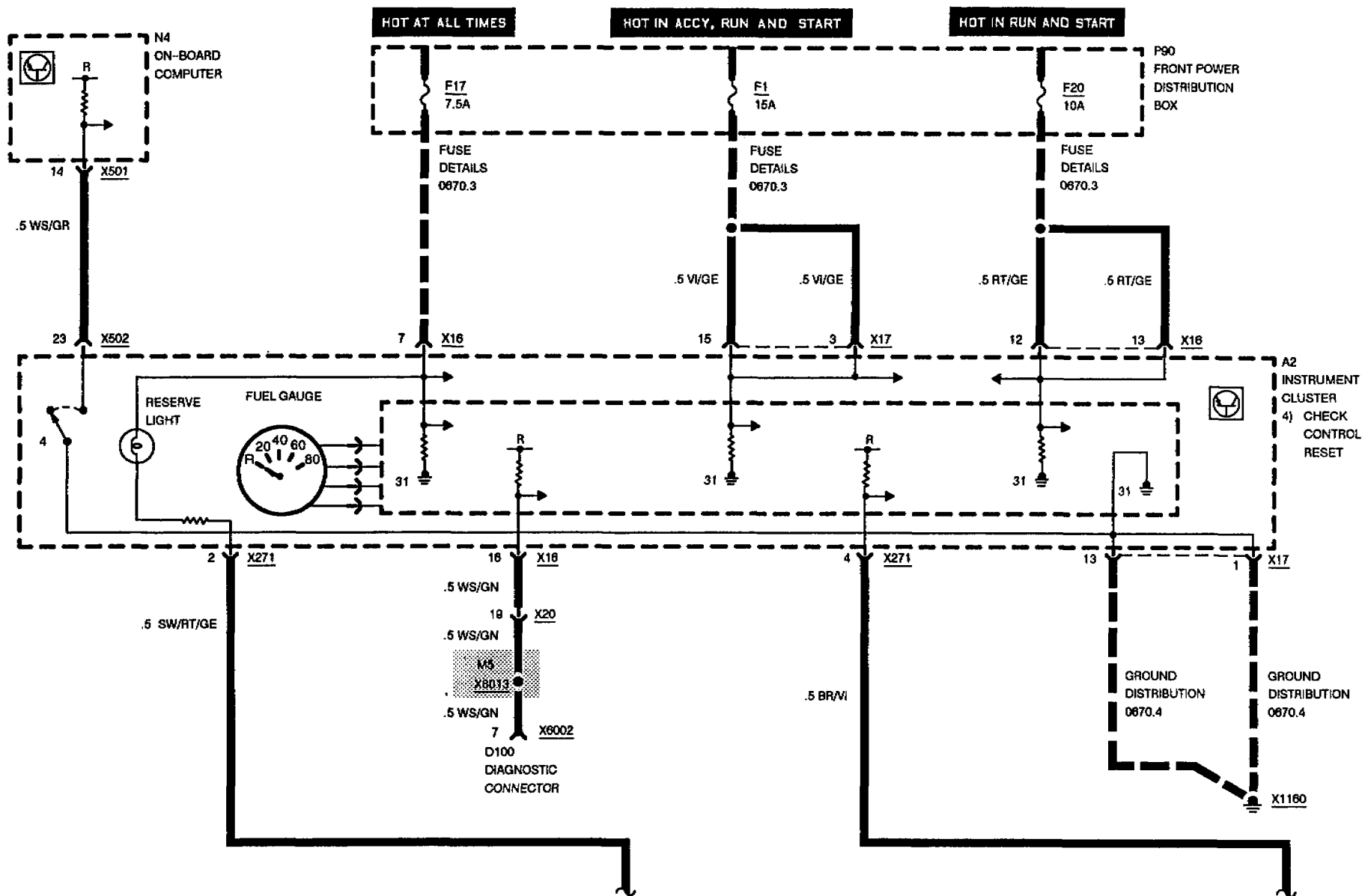
INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

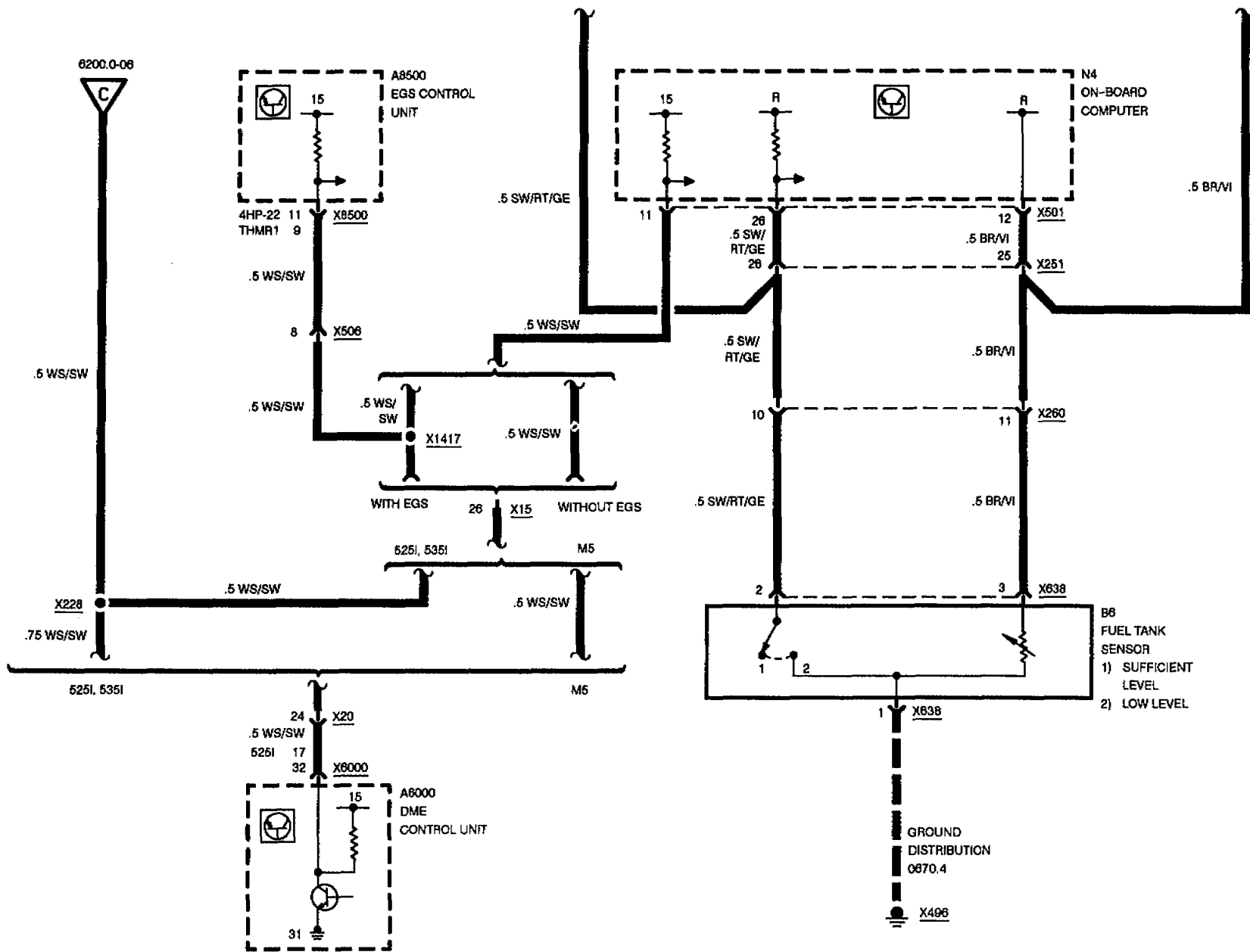
SPEED SIGNAL





INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC) GAUGES

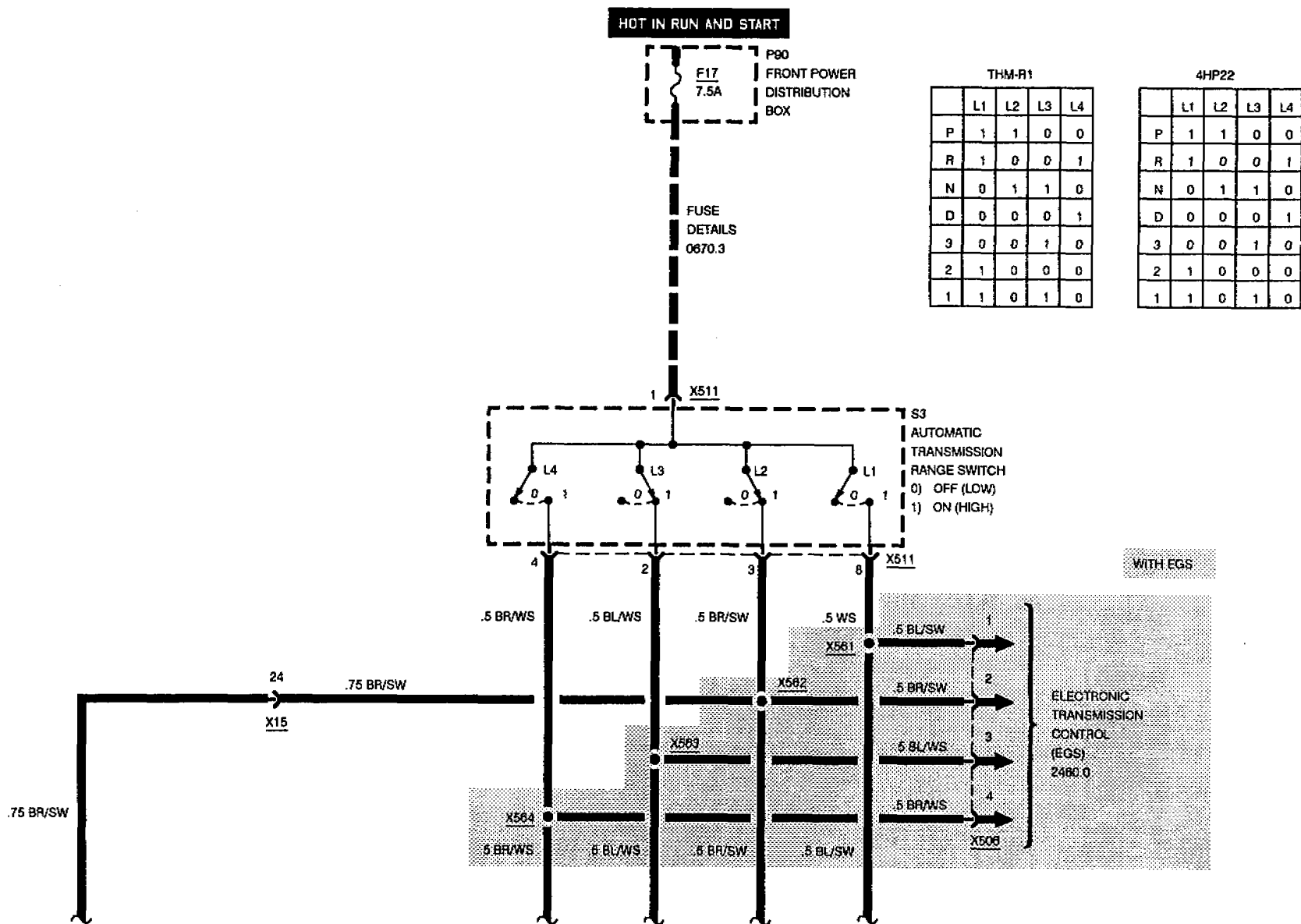


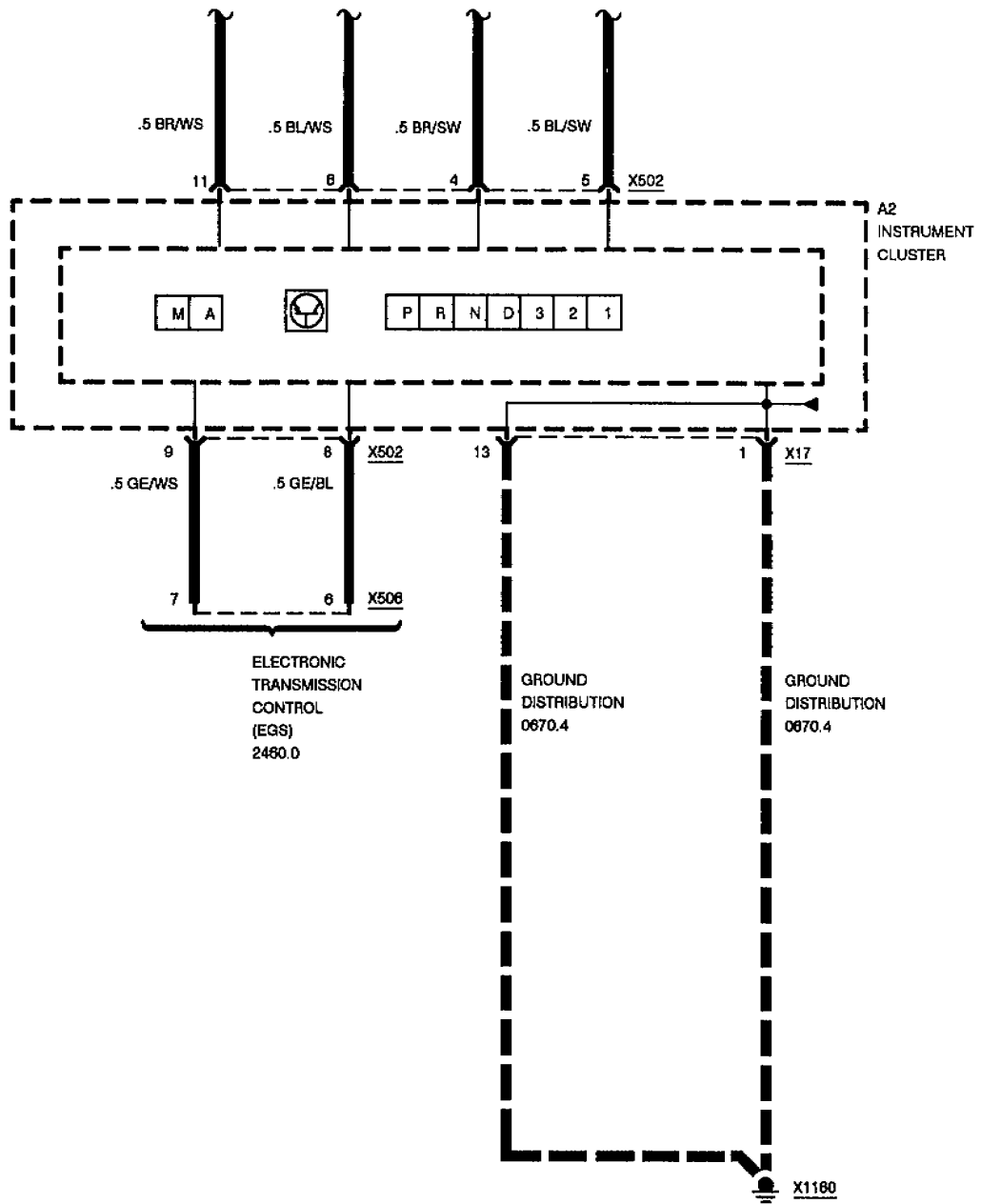
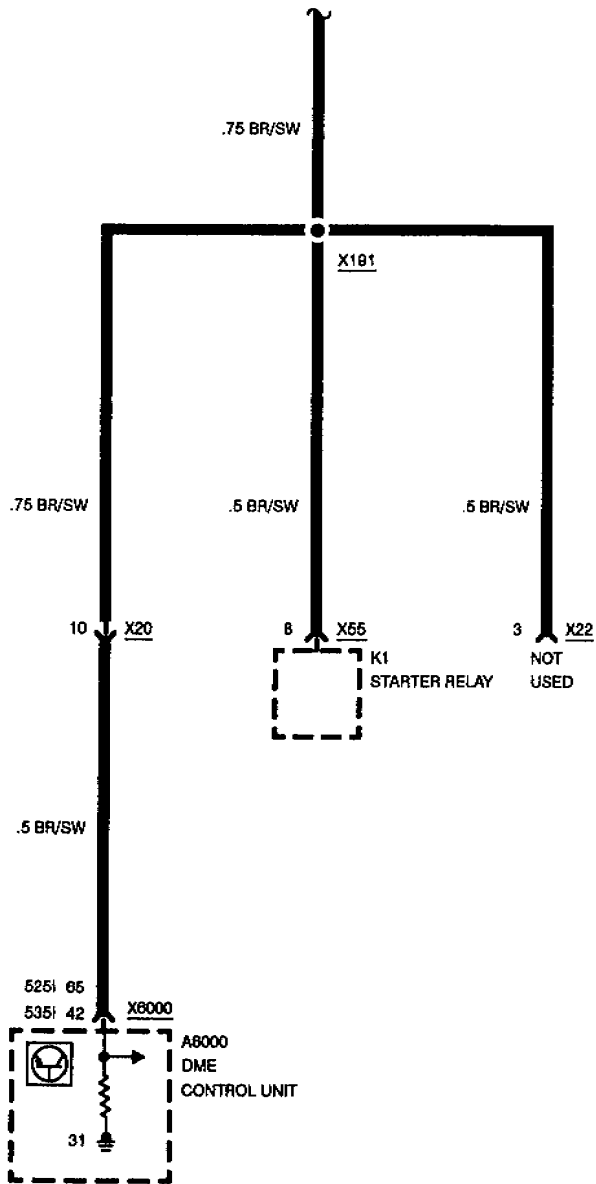




INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC) GEAR SELECTOR

525i, 535i

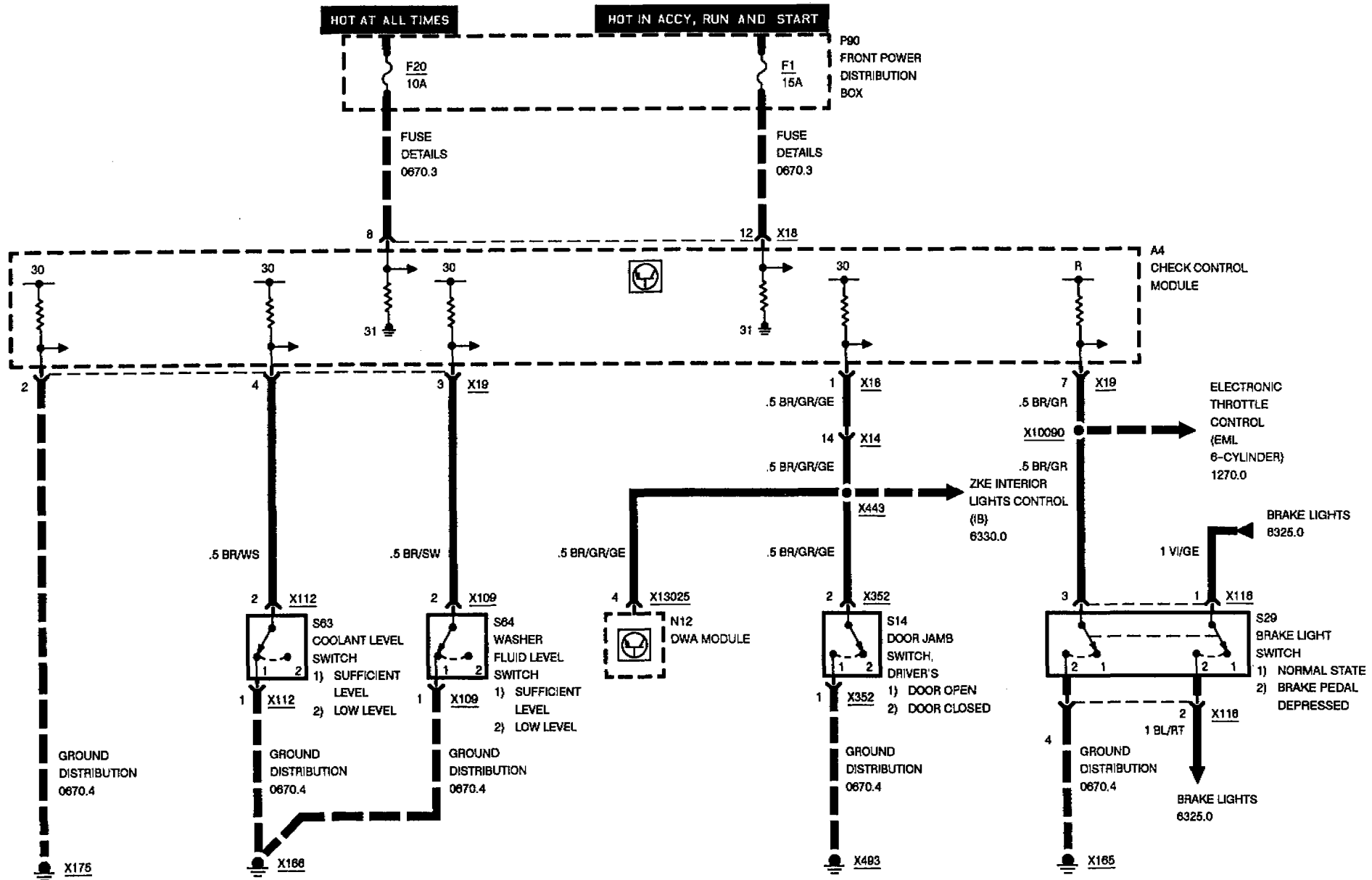






INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

CHECK CONTROL

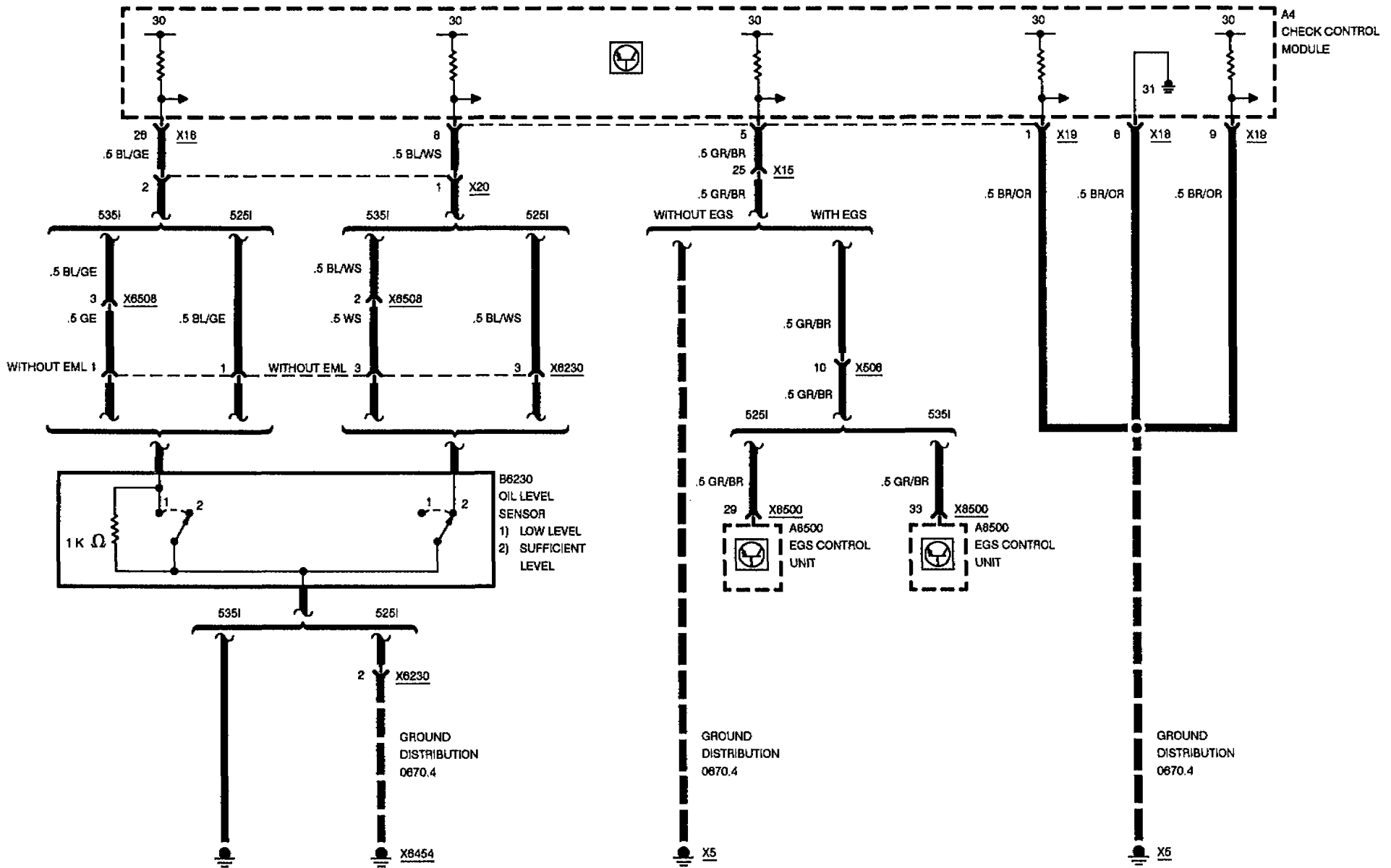




INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

525i, 535i

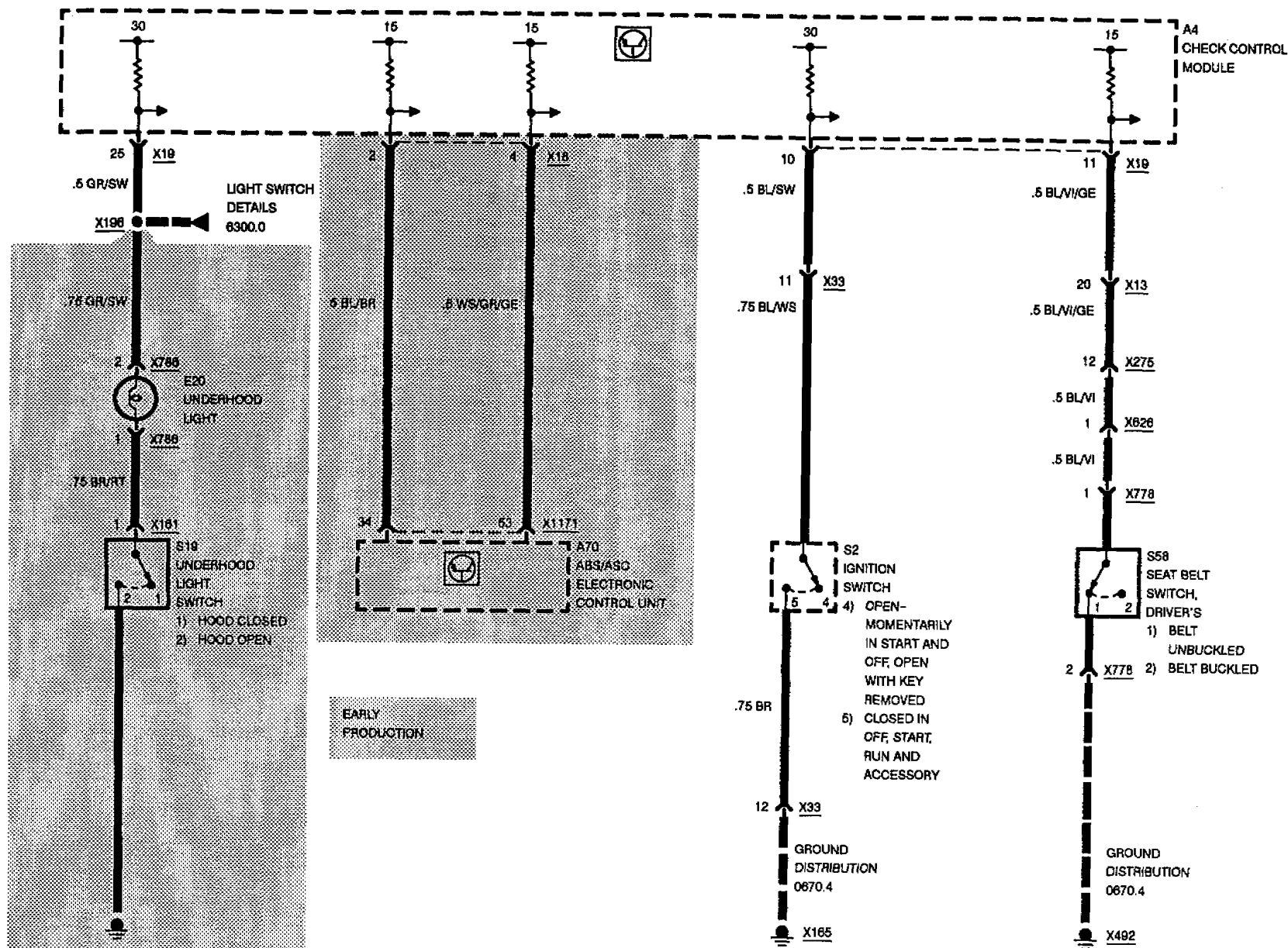
CHECK CONTROL



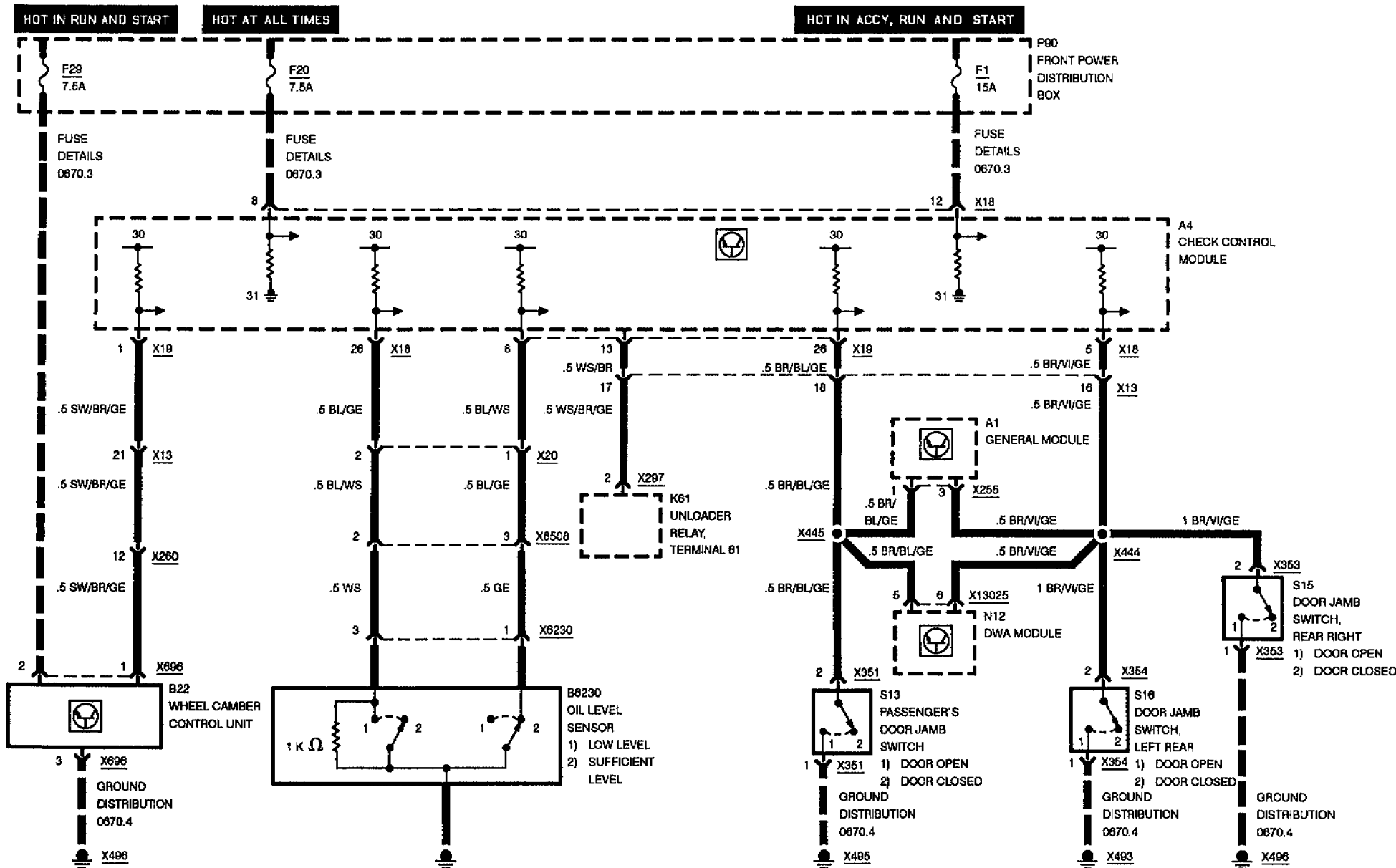


INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

CHECK CONTROL



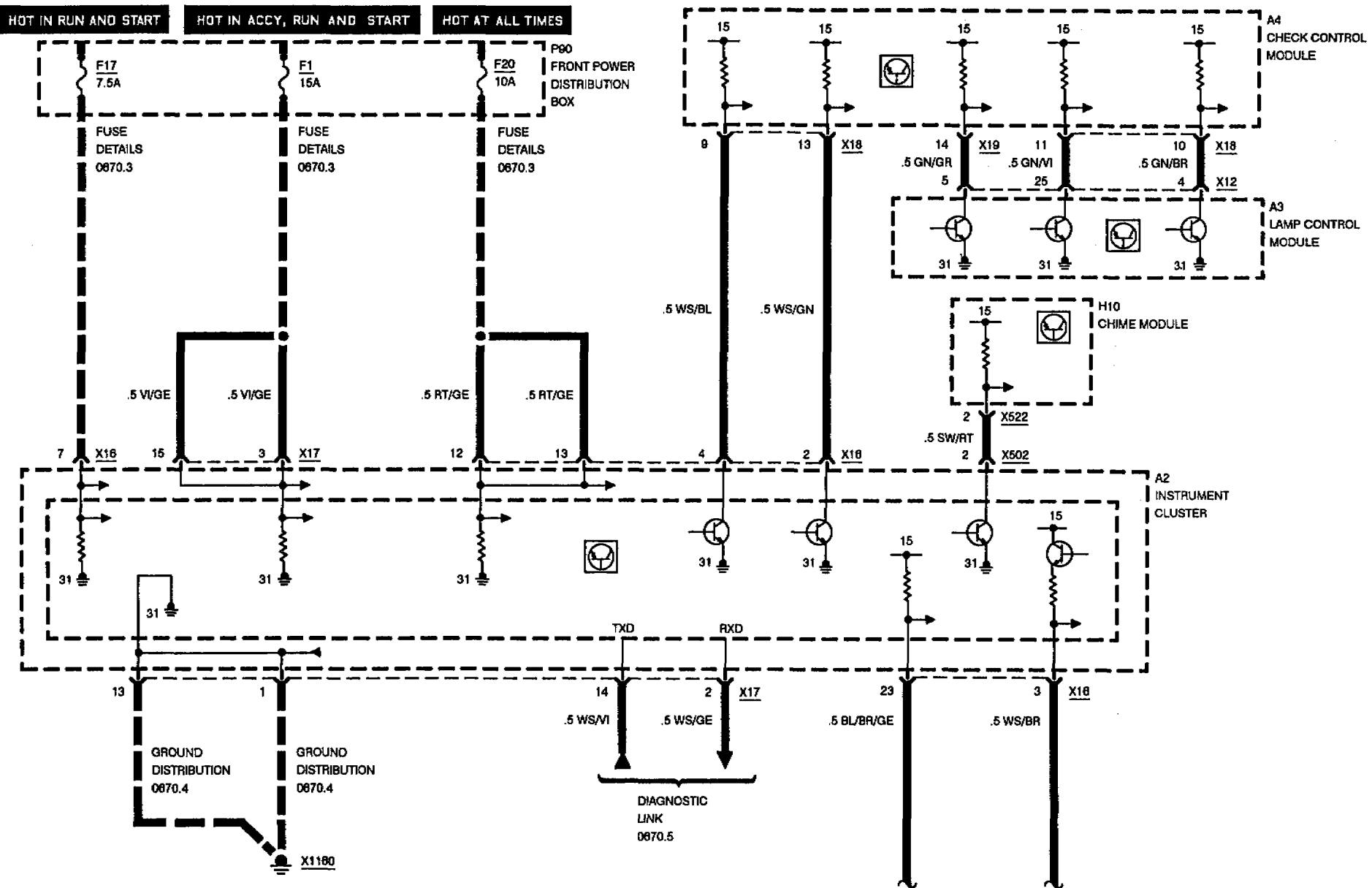
CHECK CONTROL

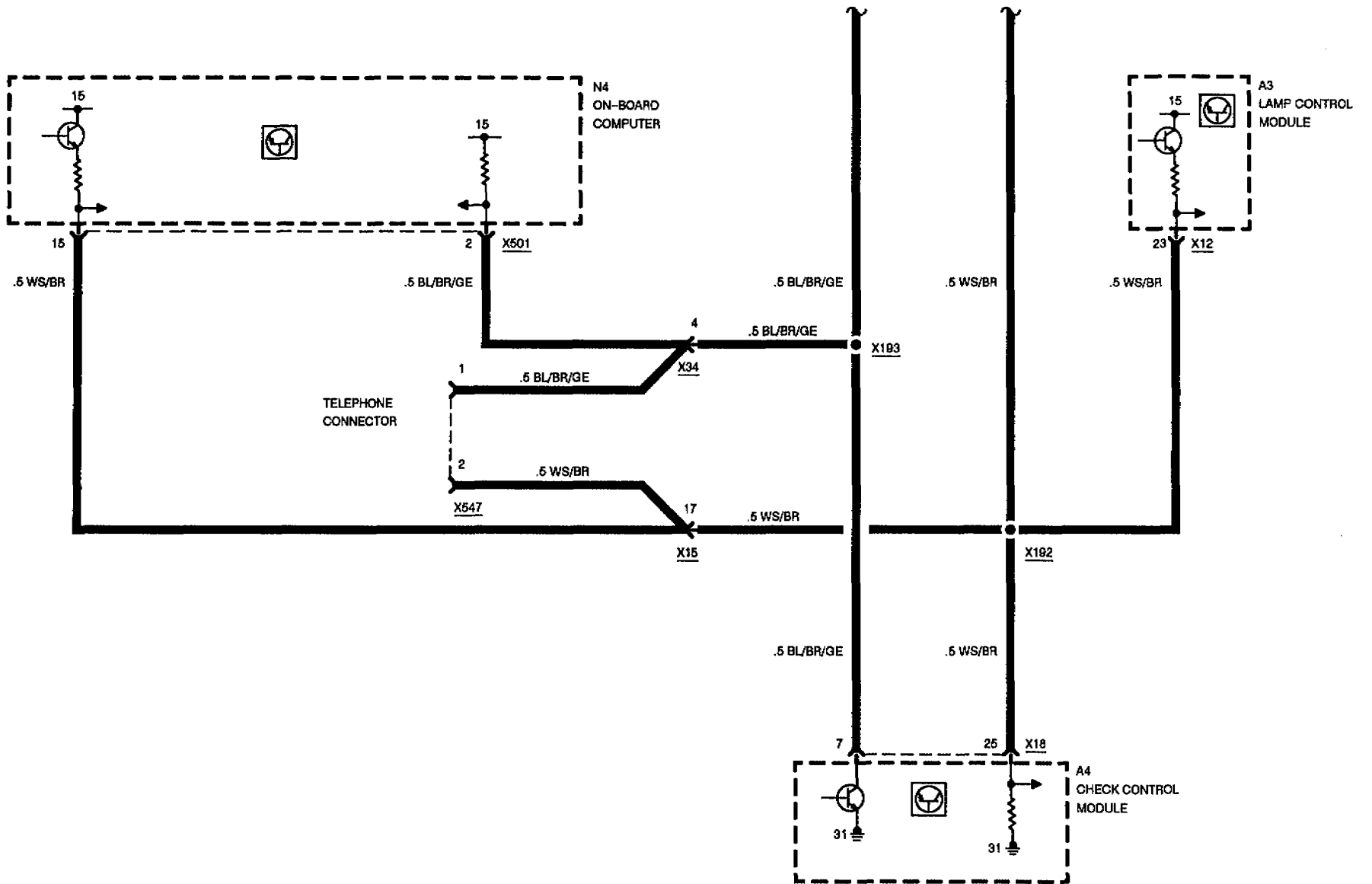




INSTRUMENT CLUSTER/ CHECK CONTROL (K/CC)

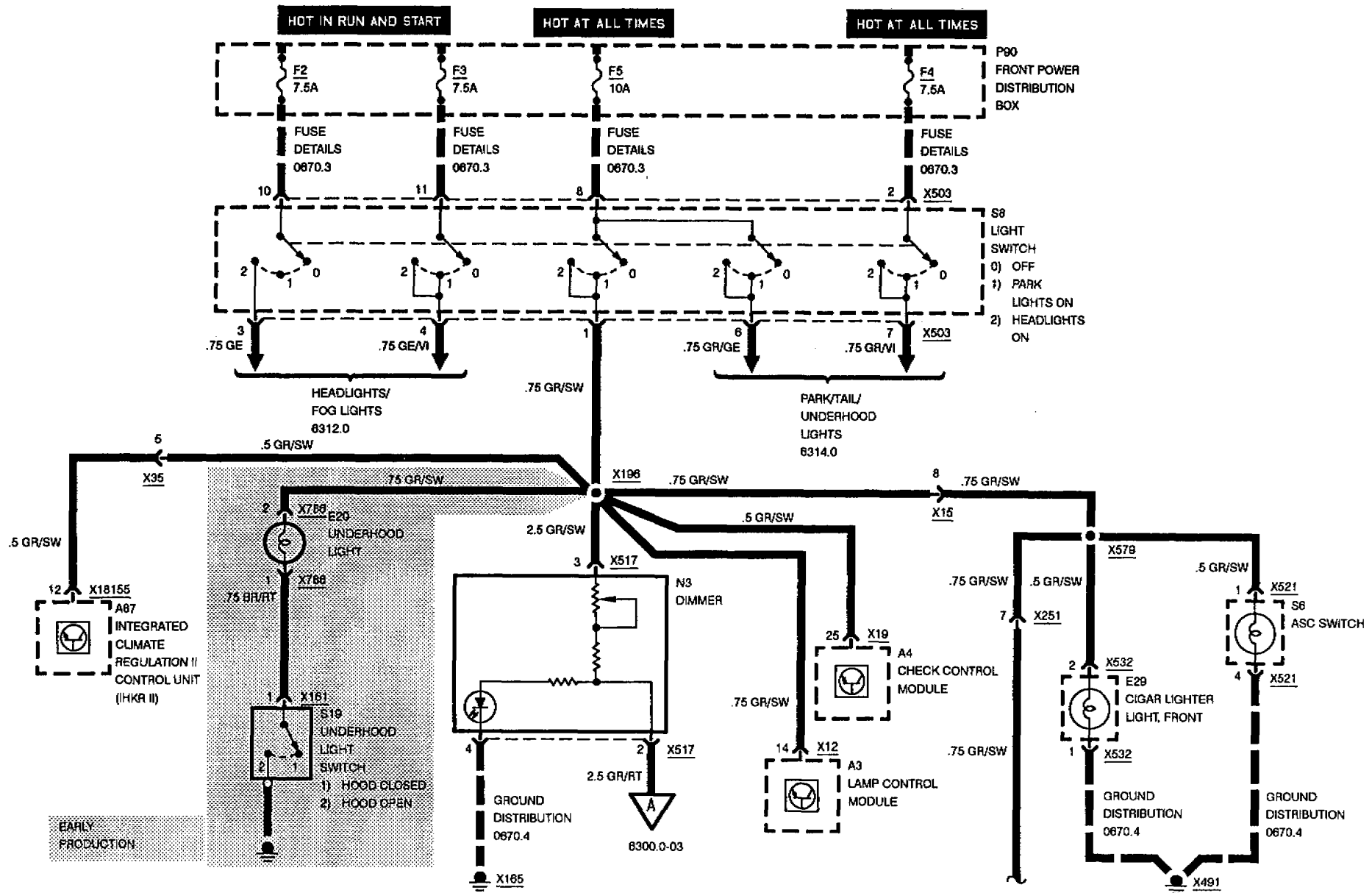
DATA LINK







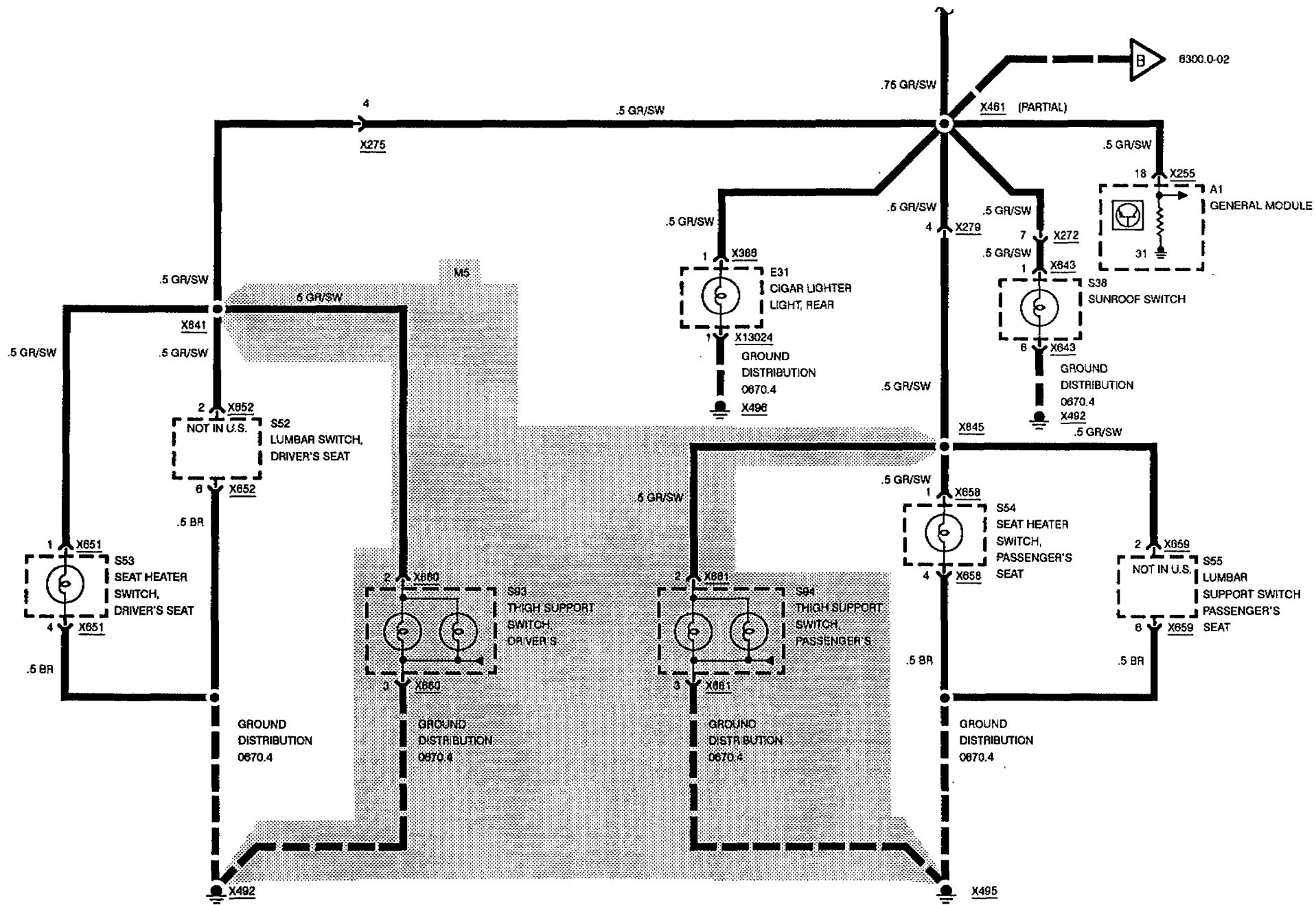
LIGHT SWITCH DETAILS



02/92

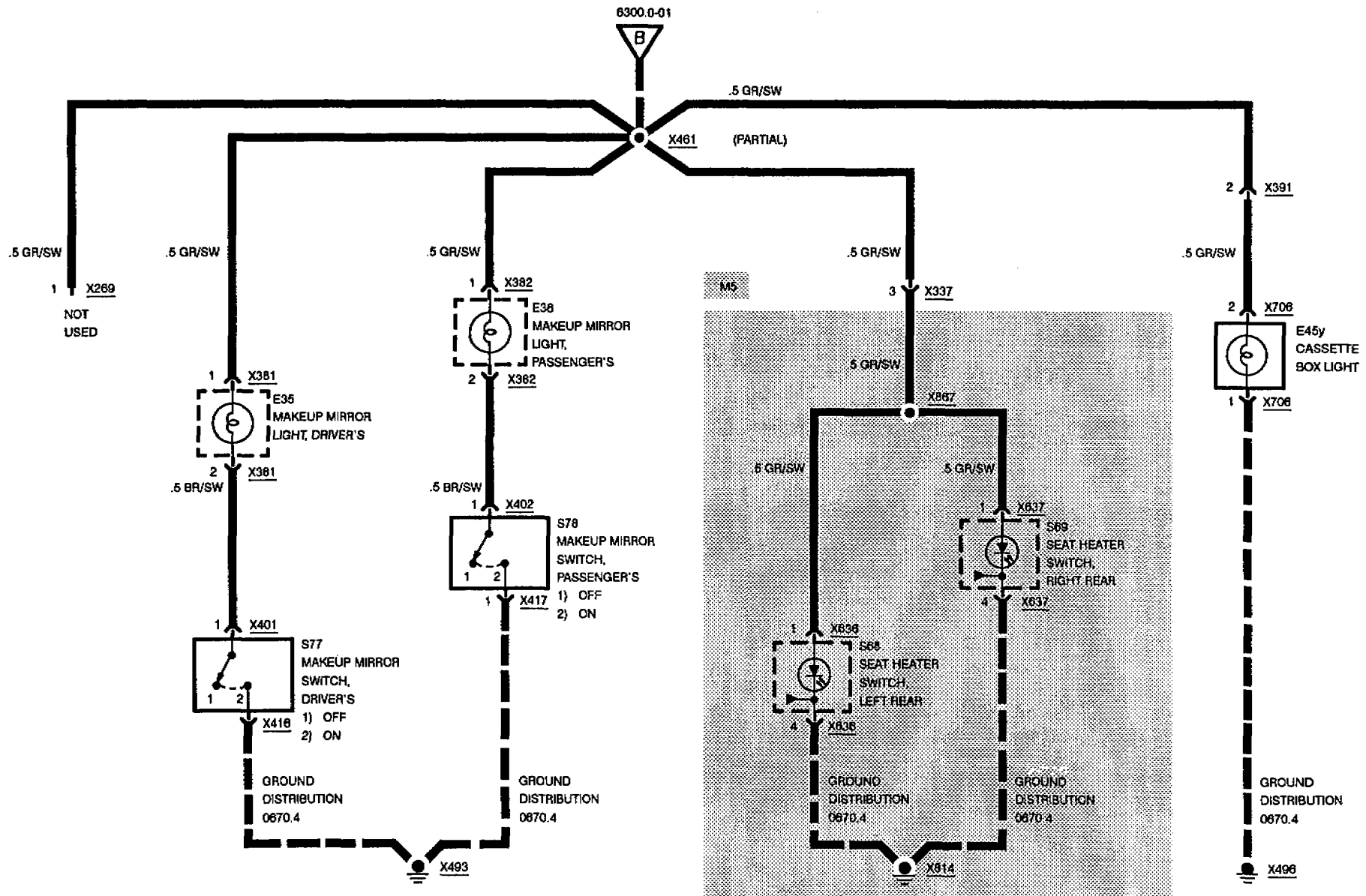
6300.0-00

1991

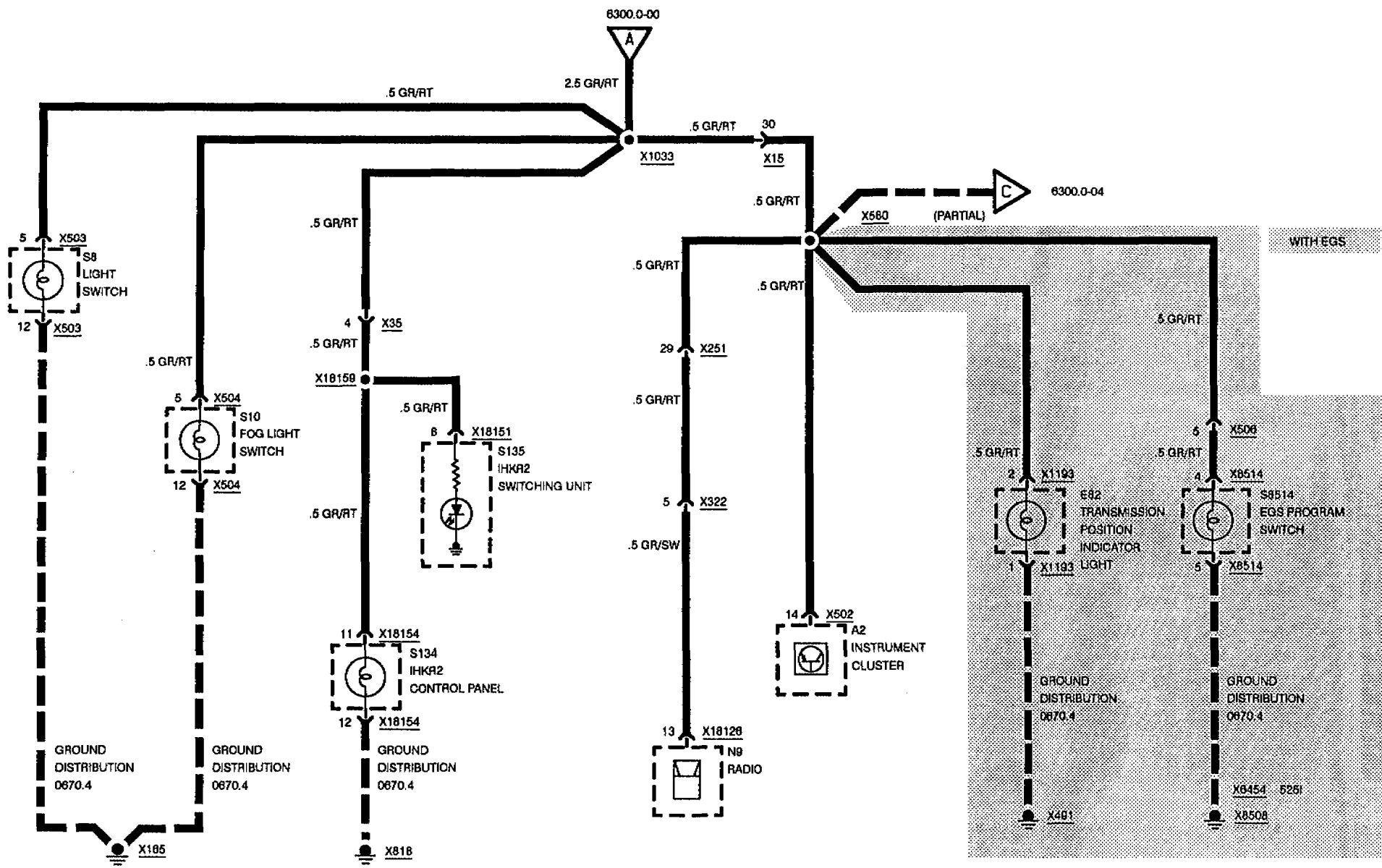




LIGHT SWITCH DETAILS

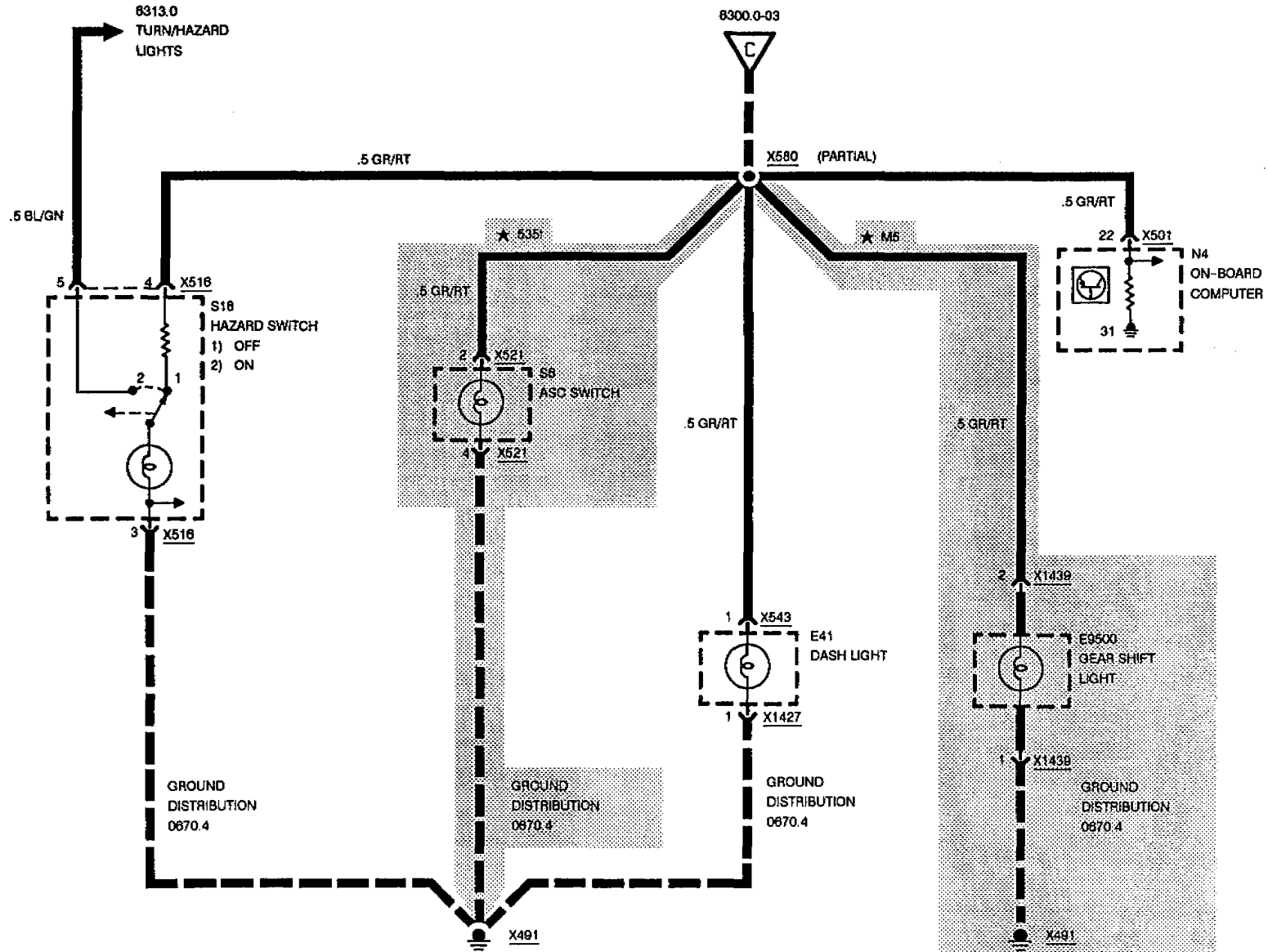


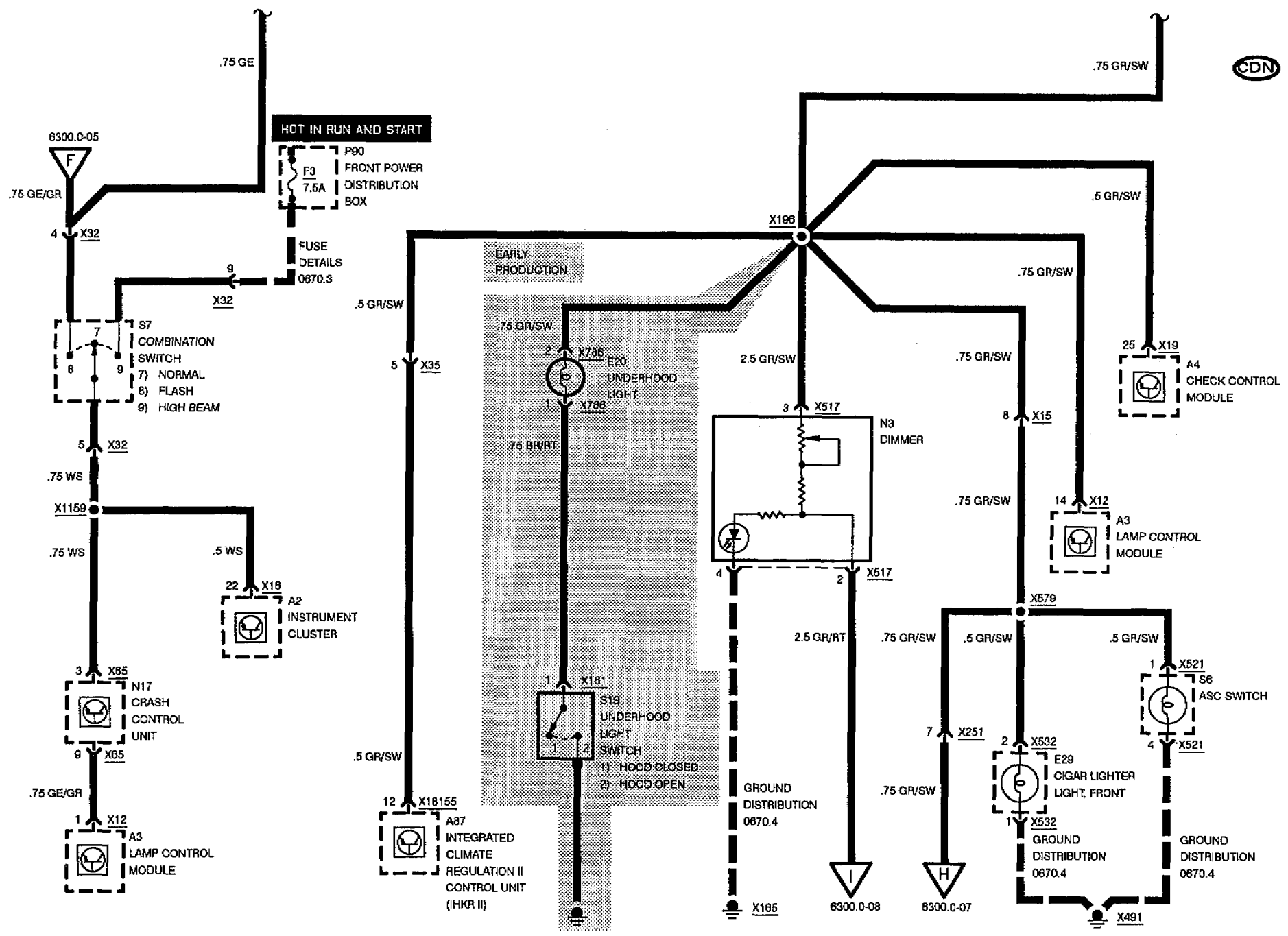
BMW
5 LIGHT SWITCH DETAILS





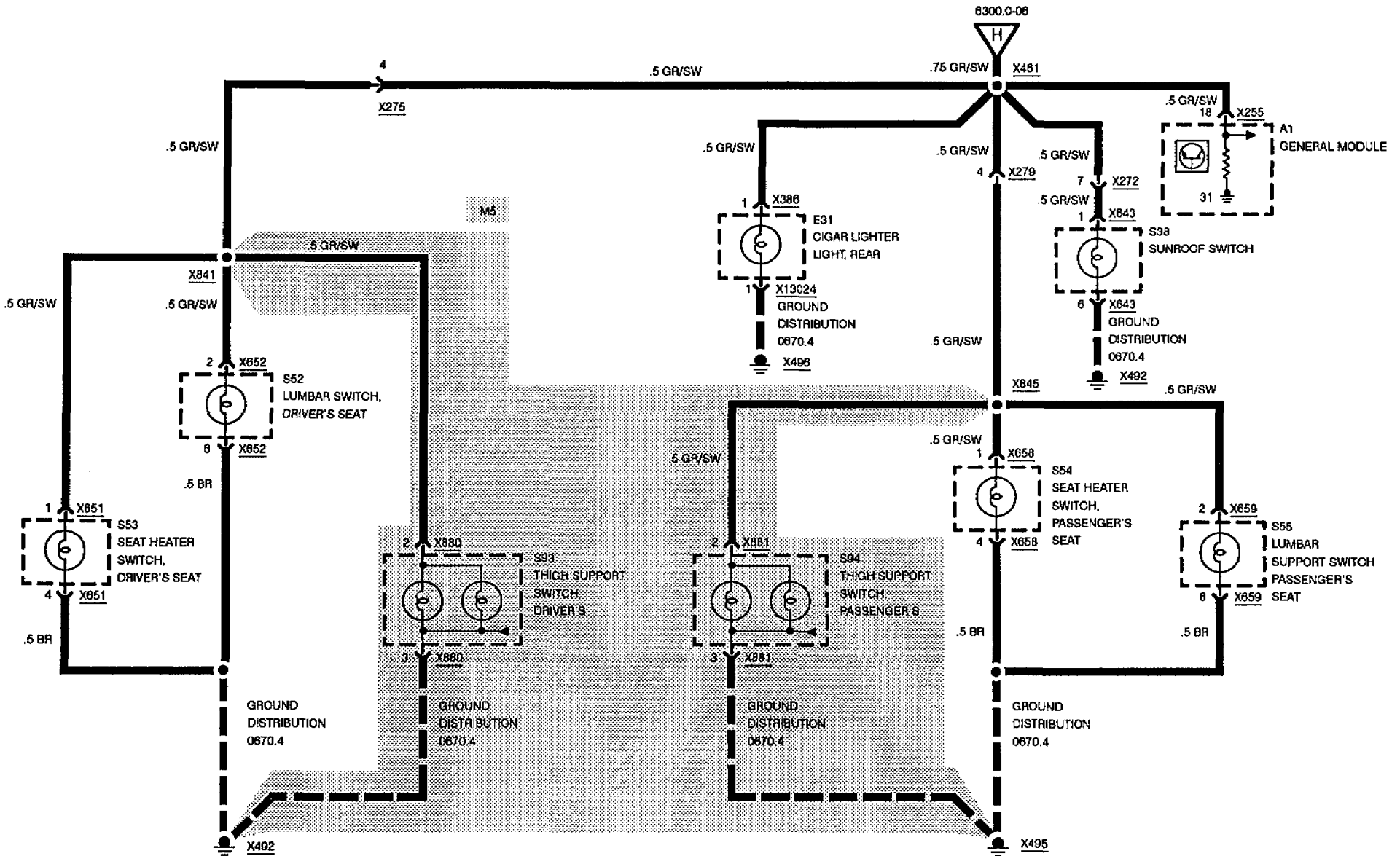
LIGHT SWITCH DETAILS

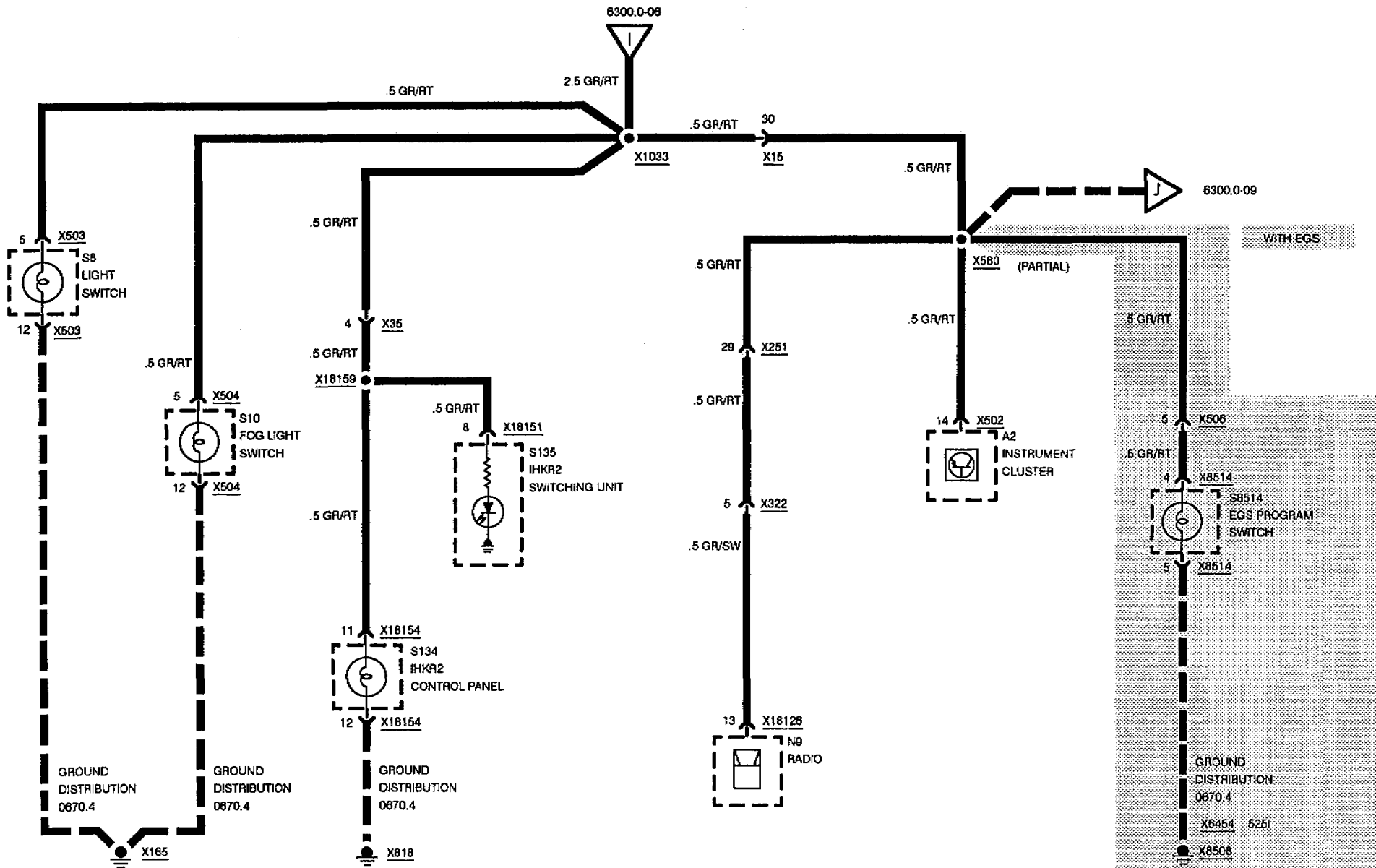






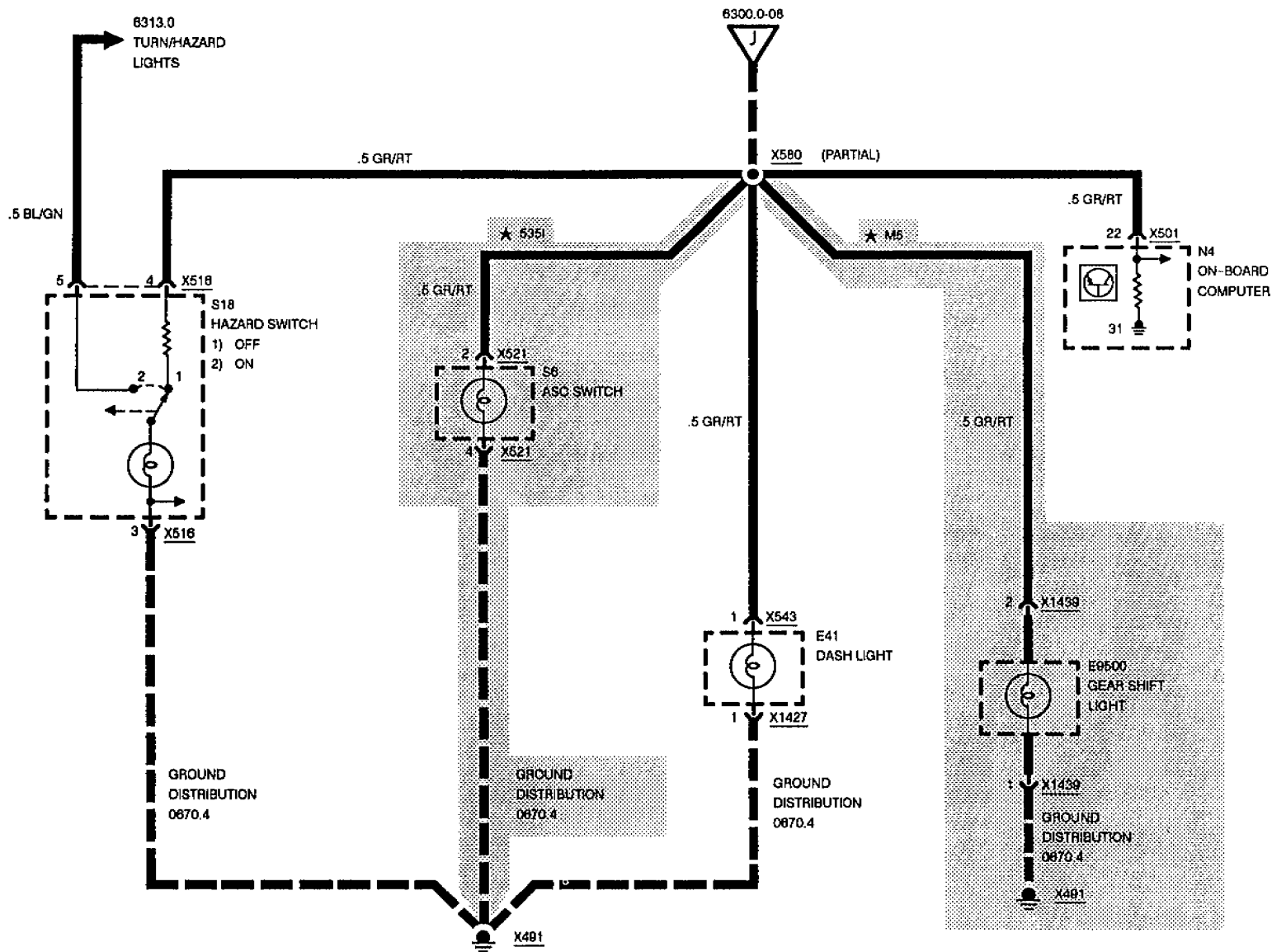
LIGHT SWITCH DETAILS

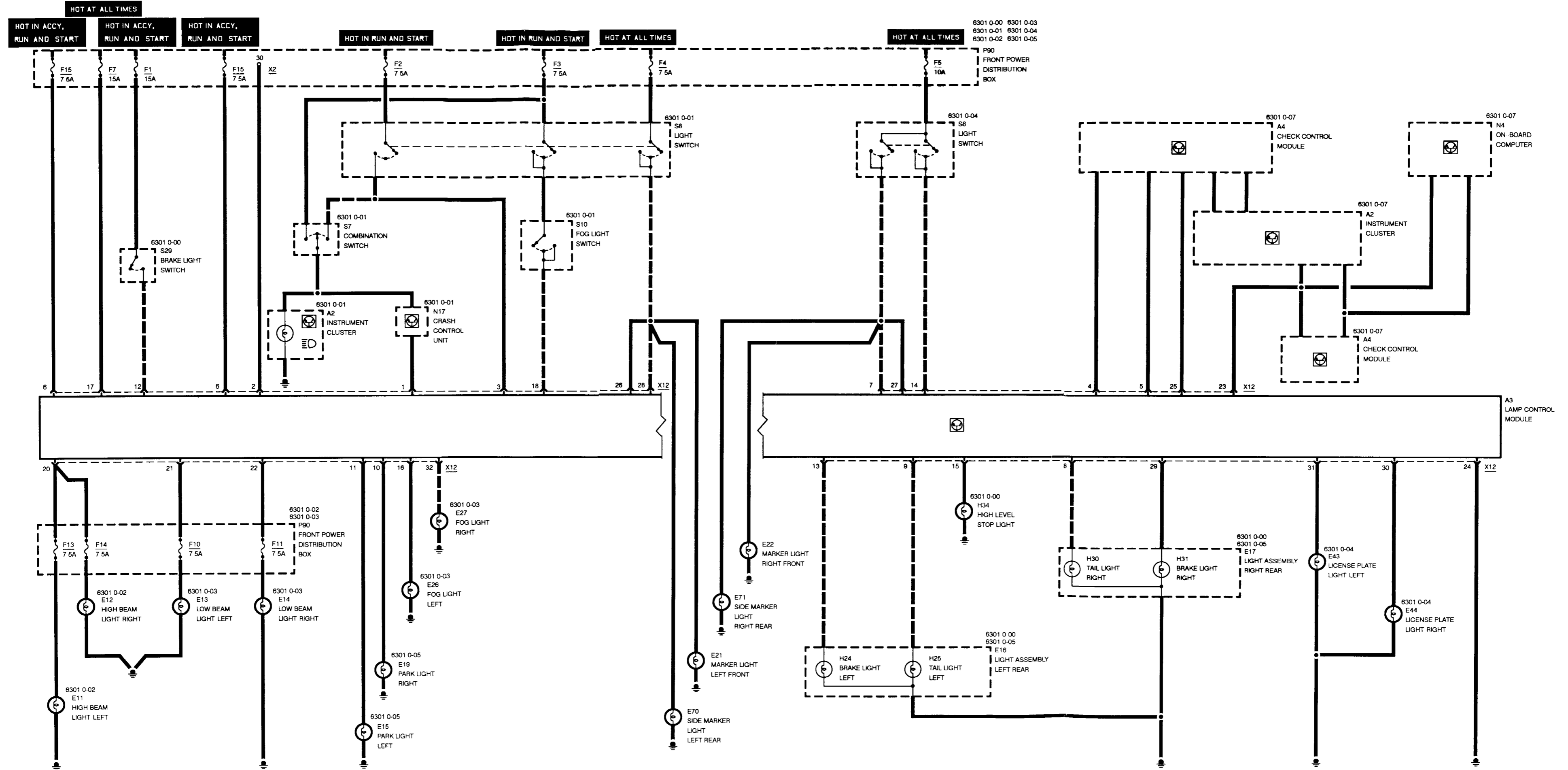






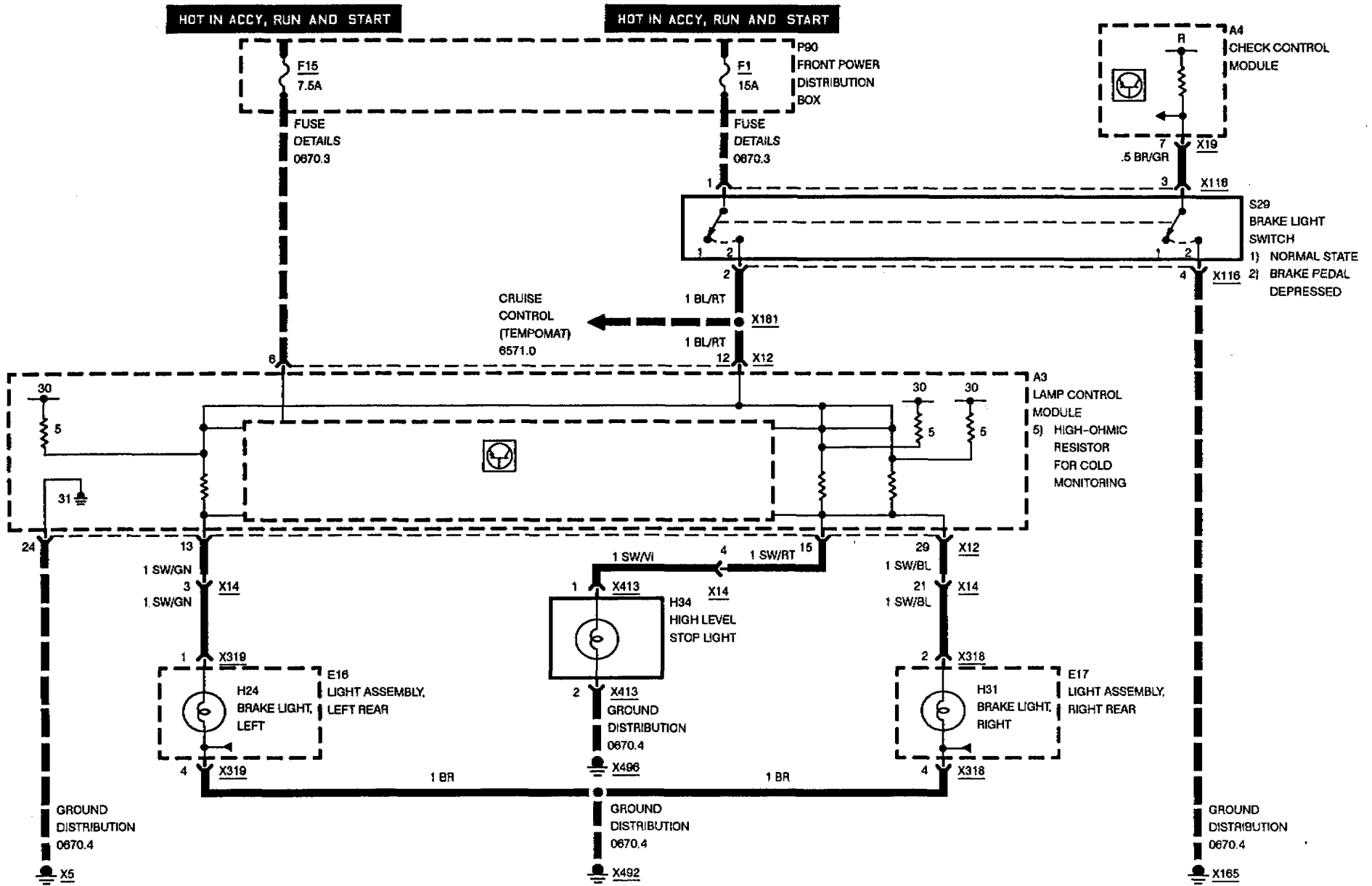
LIGHT SWITCH DETAILS





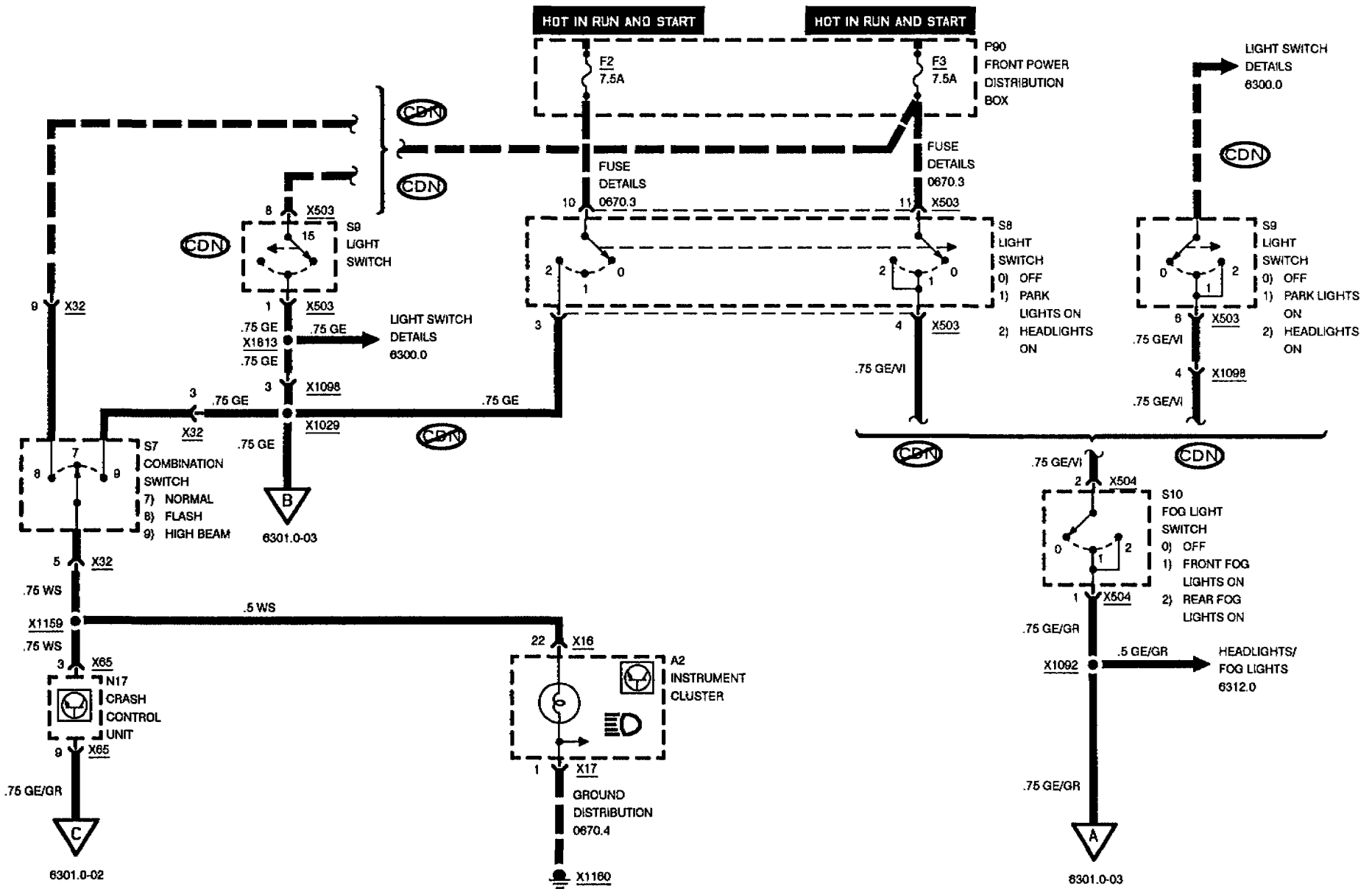


LAMP MONITOR (LKM)



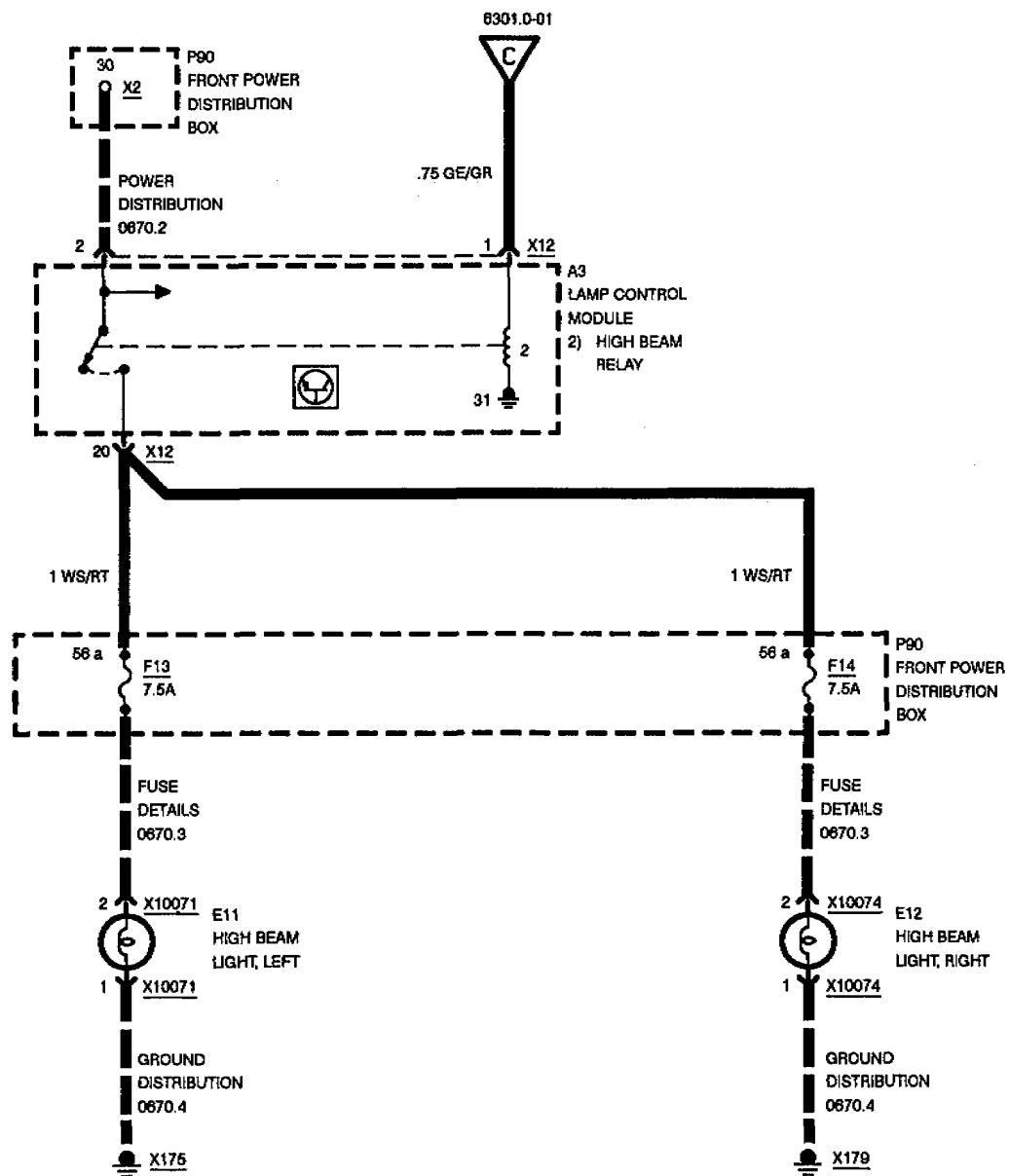


LAMP MONITOR (LKM)

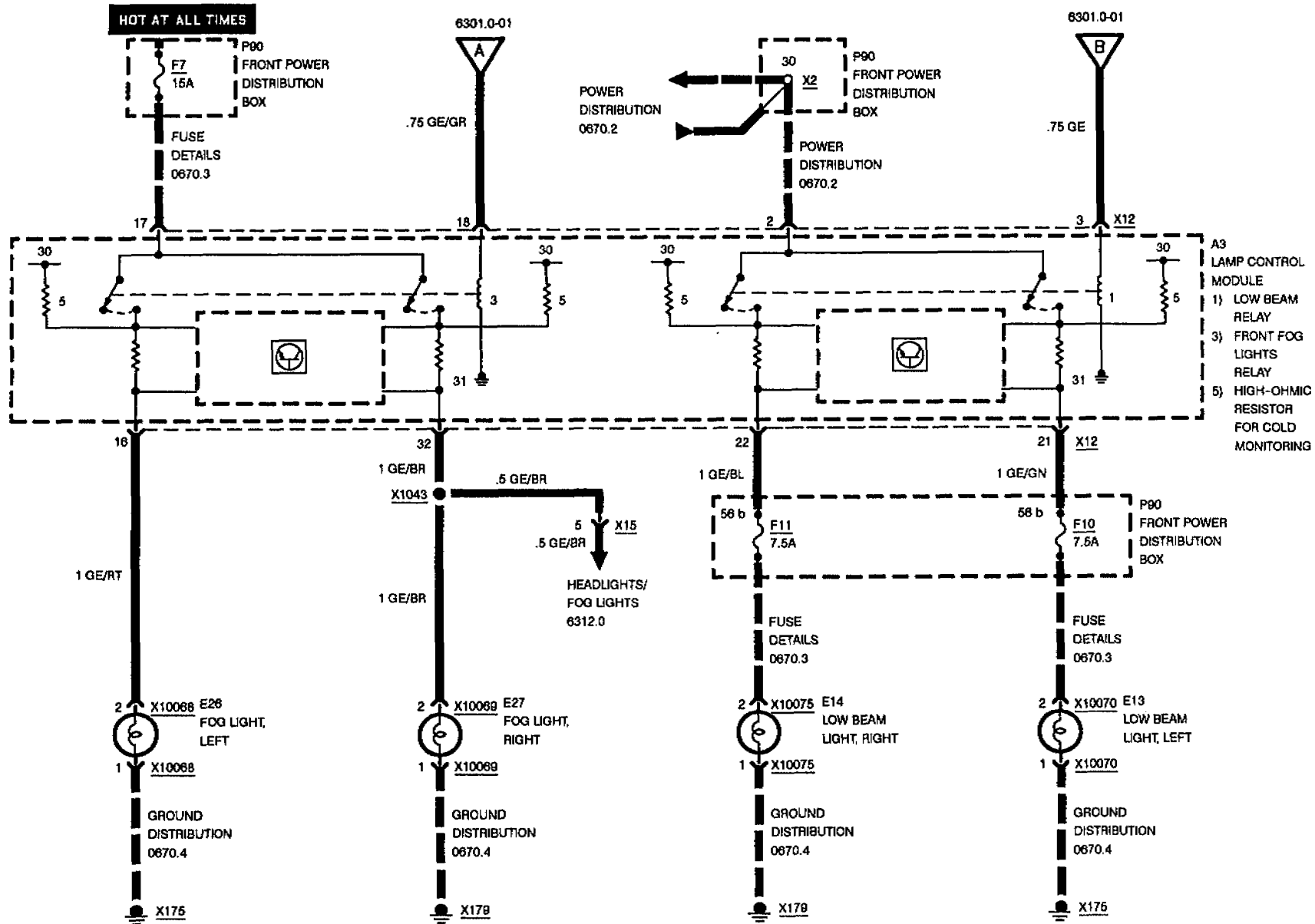




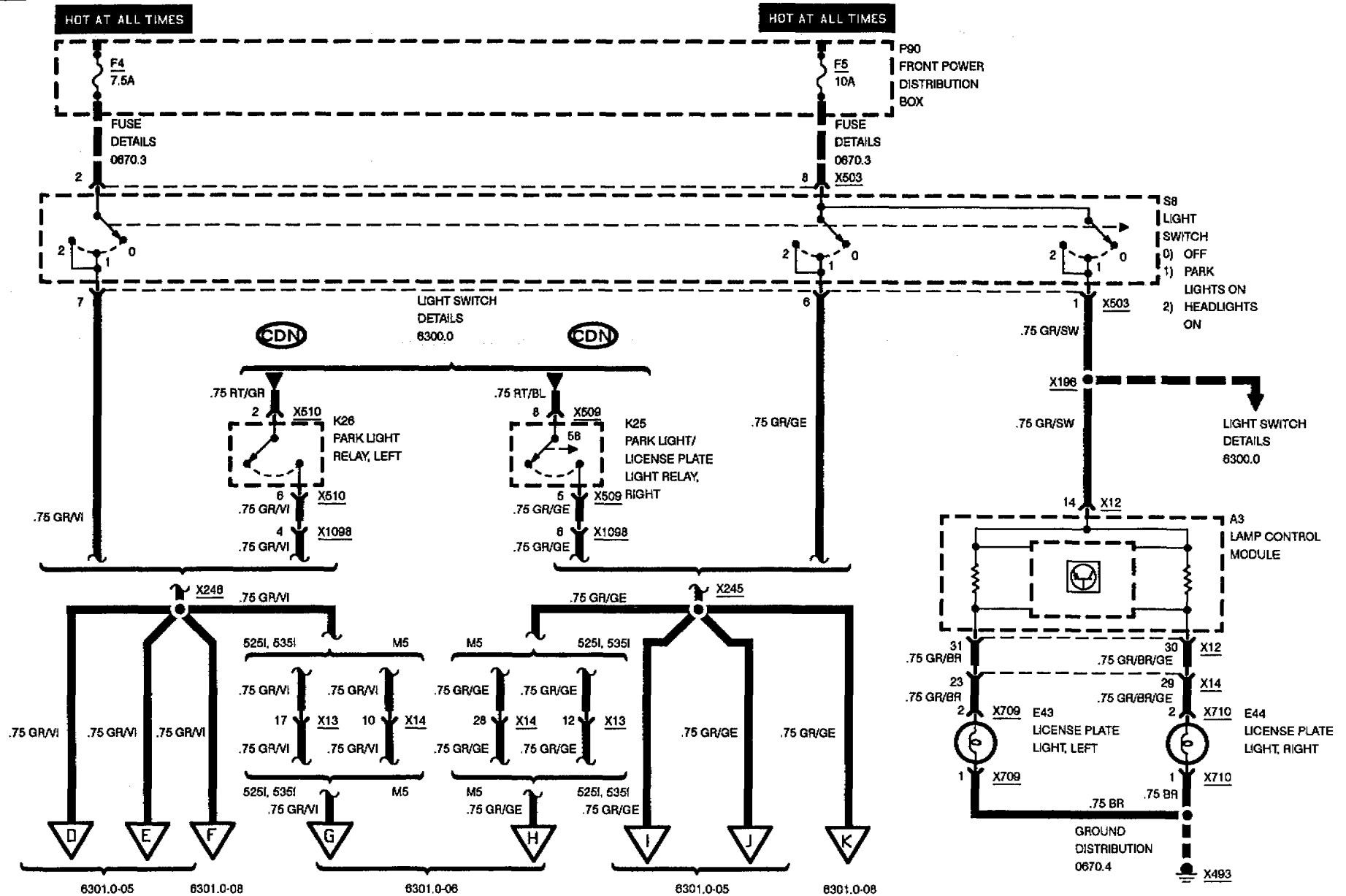
LAMP MONITOR (LKM)



LAMP MONITOR (LKM)

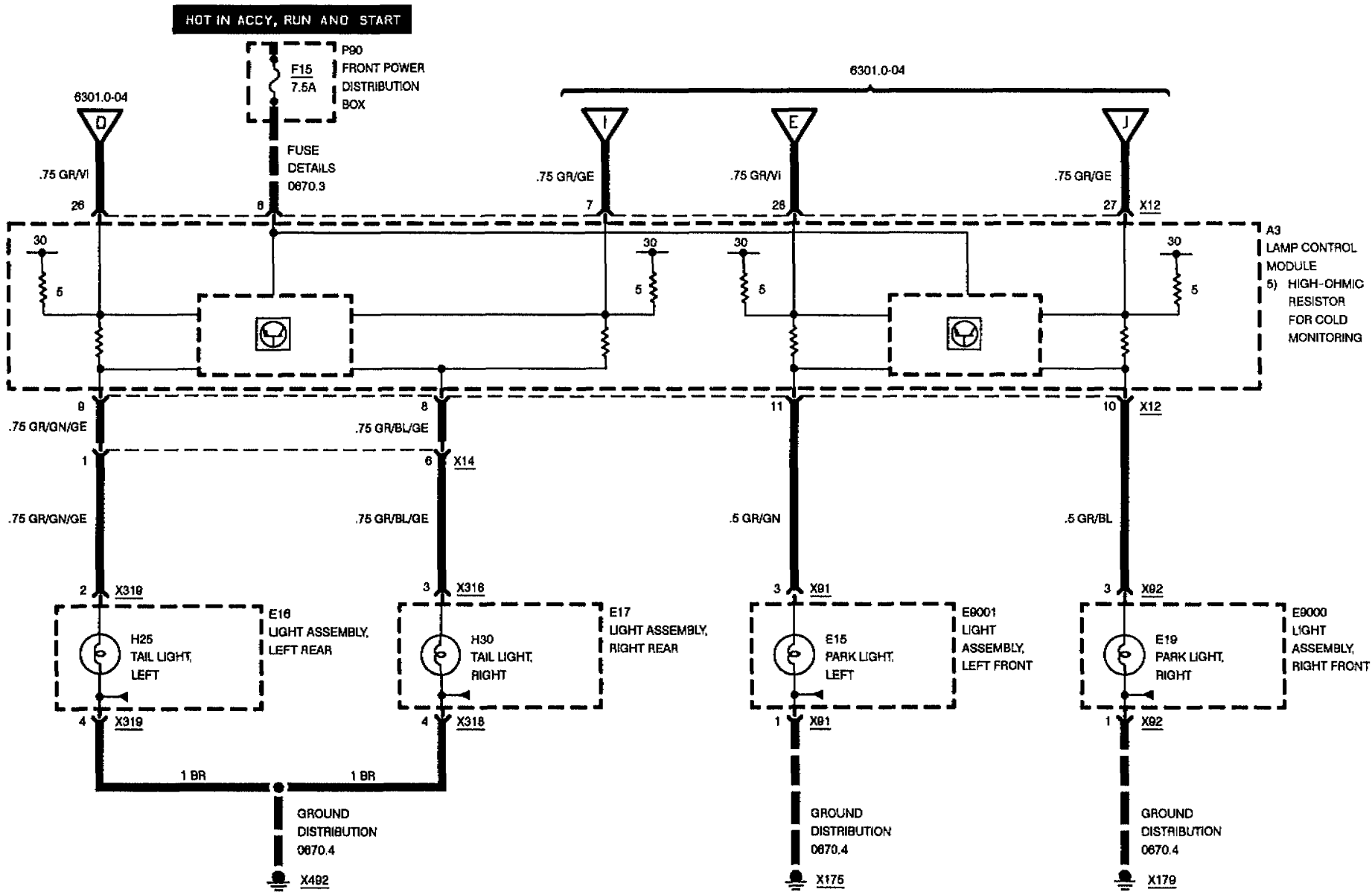


LAMP MONITOR (LKM)



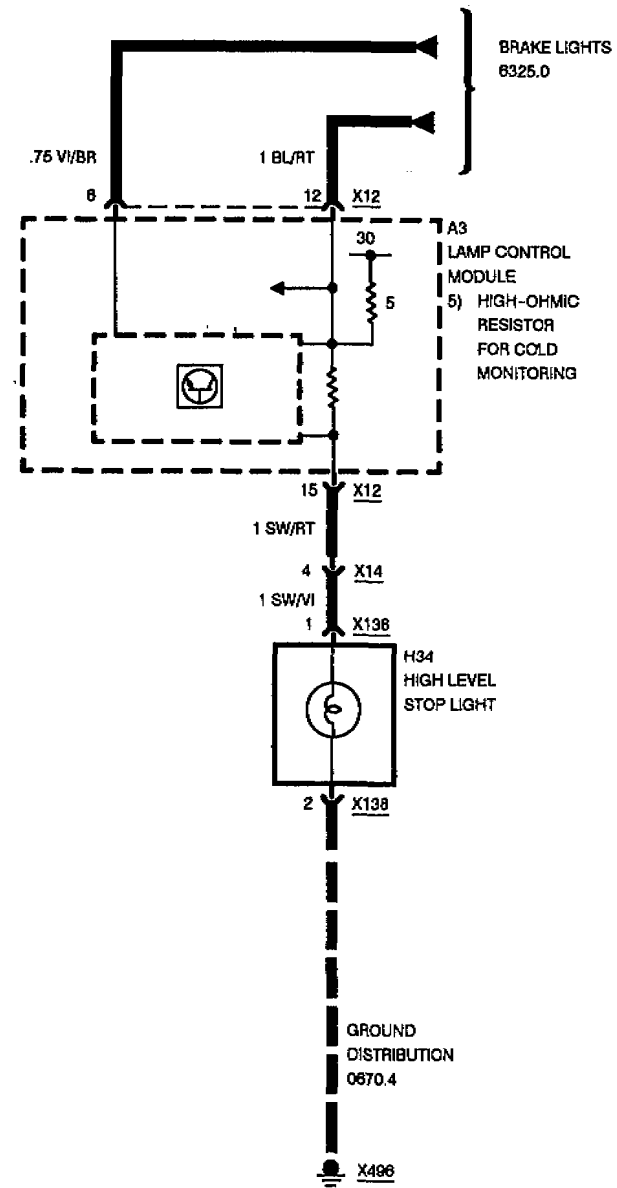
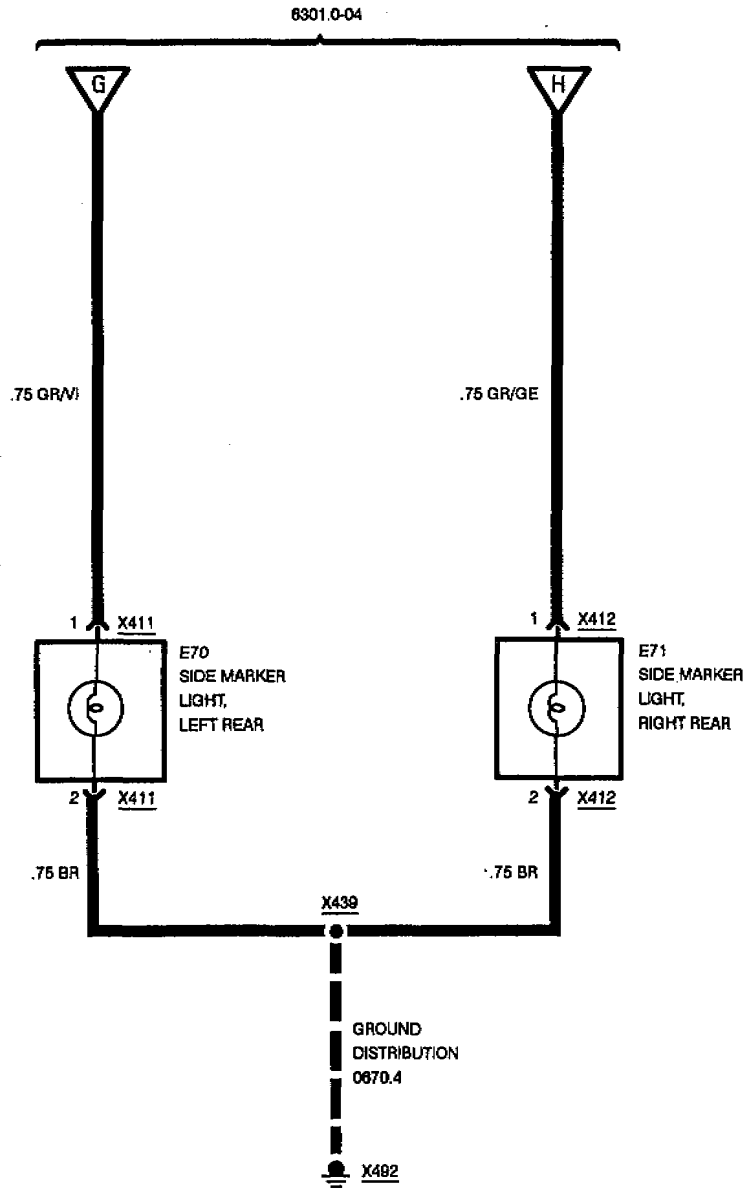


LAMP MONITOR (LKM)



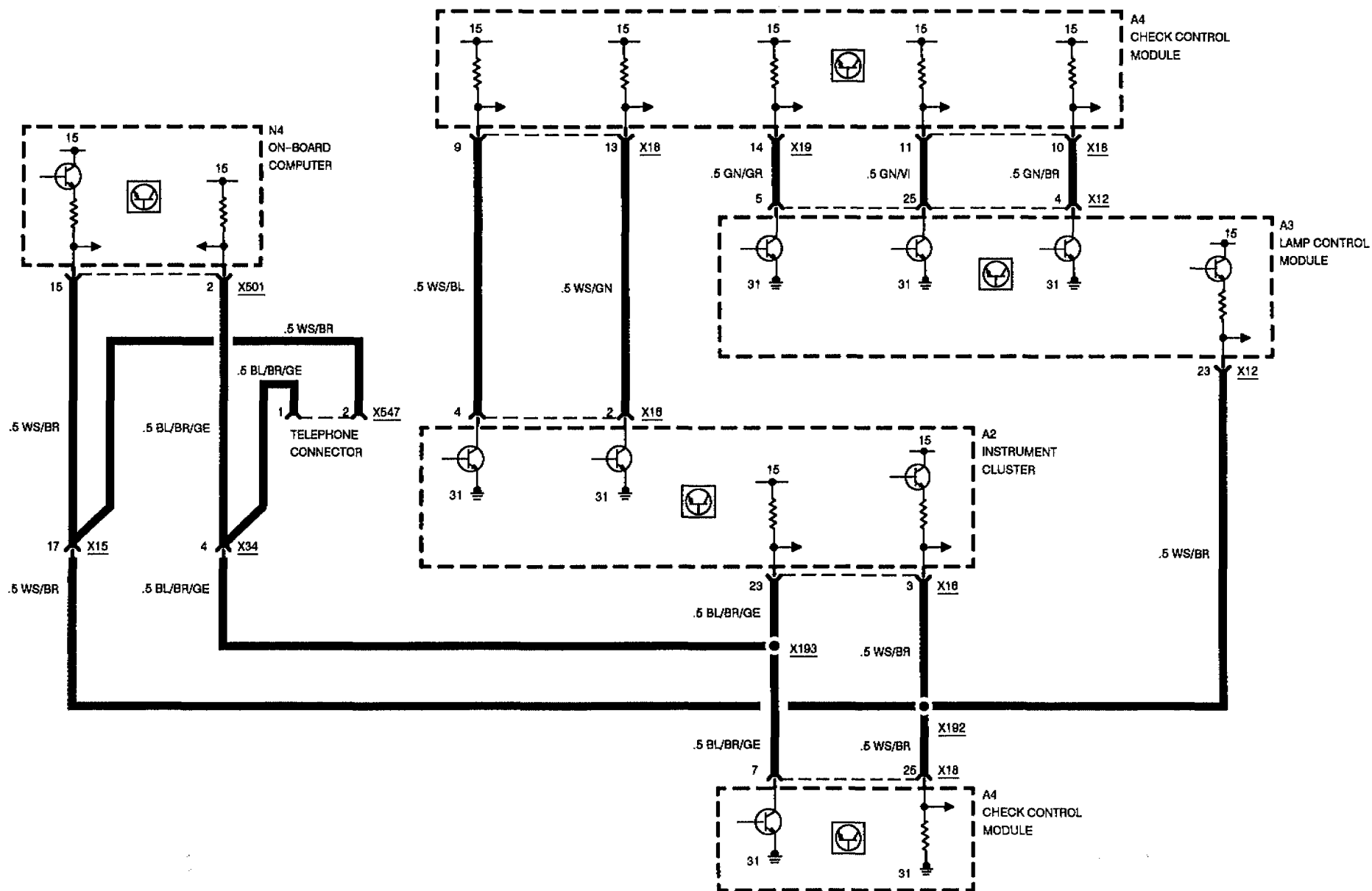


LAMP MONITOR (LKM)



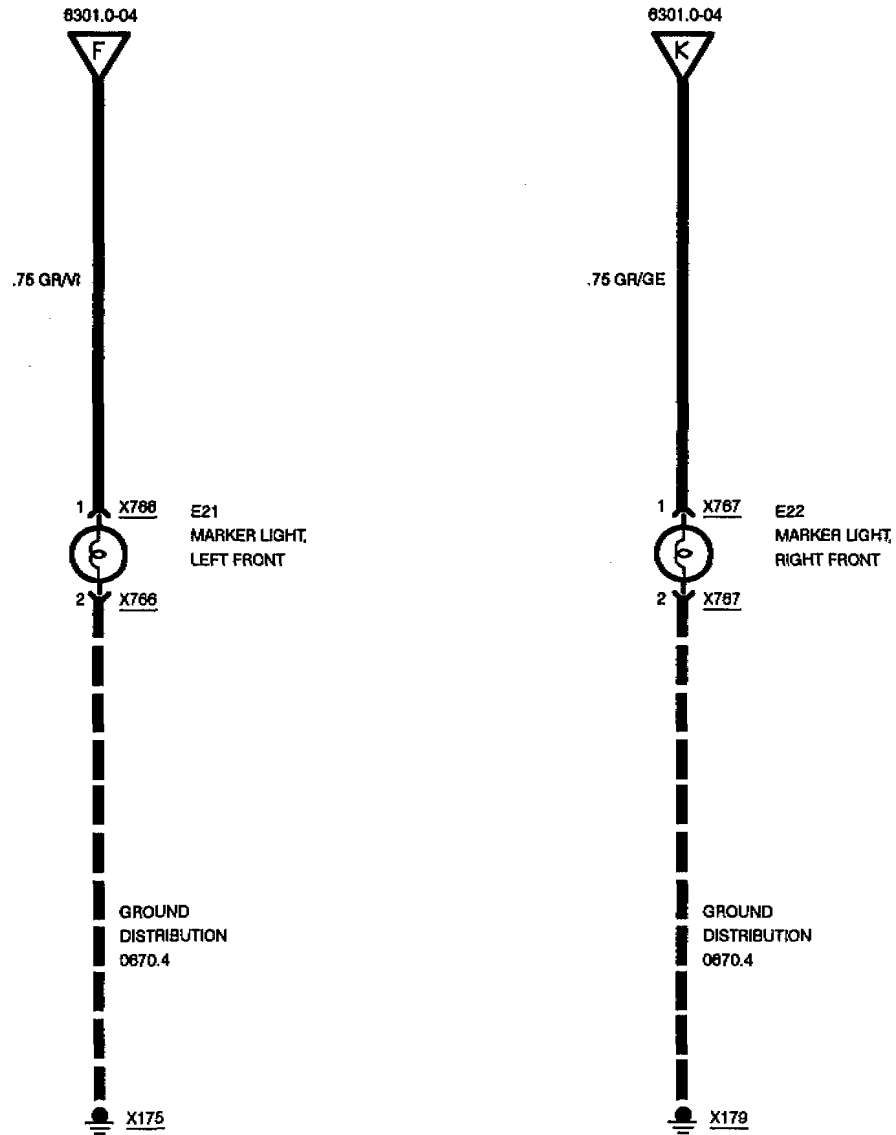


LAMP MONITOR (LKM)



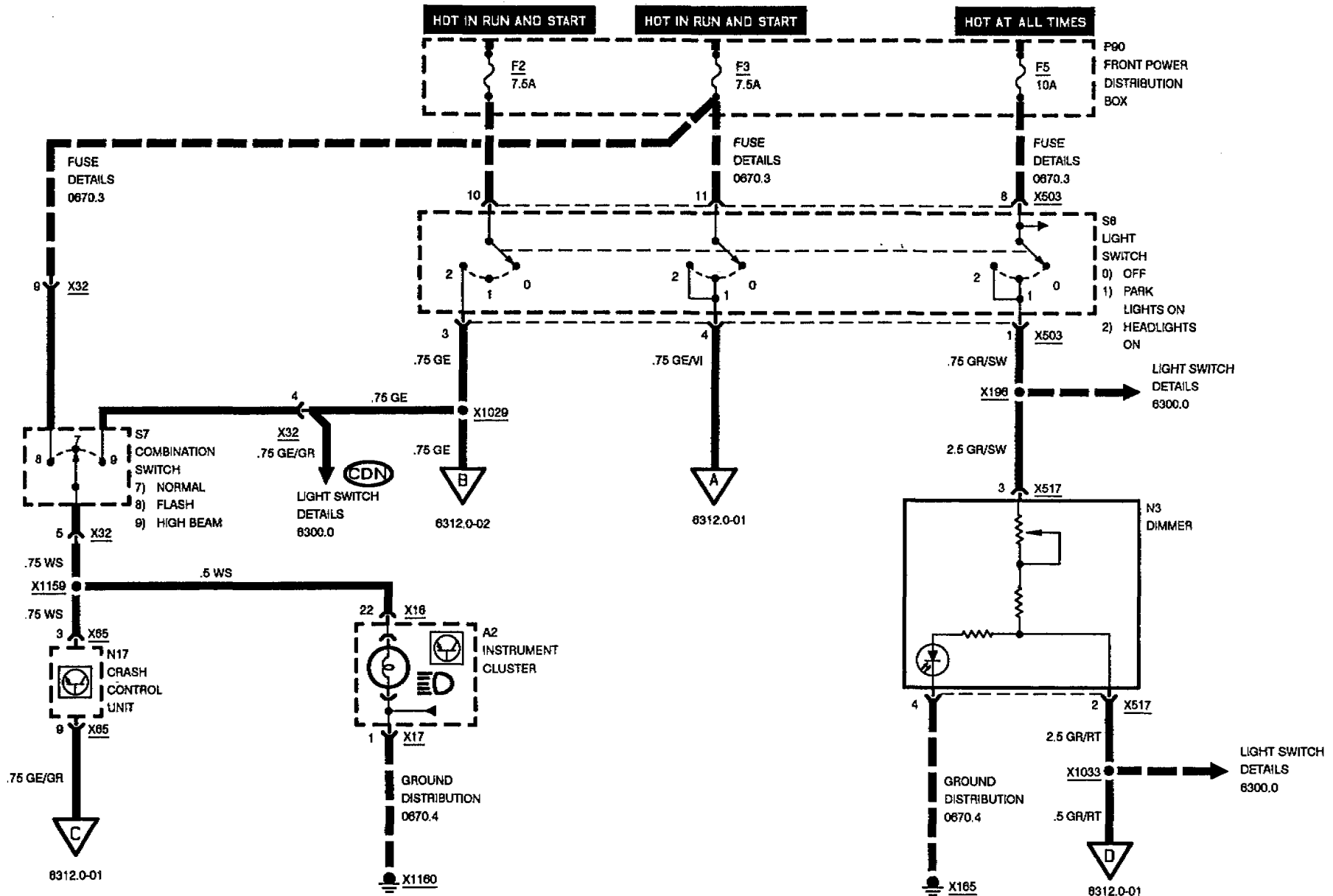


LAMP MONITOR (LKM)

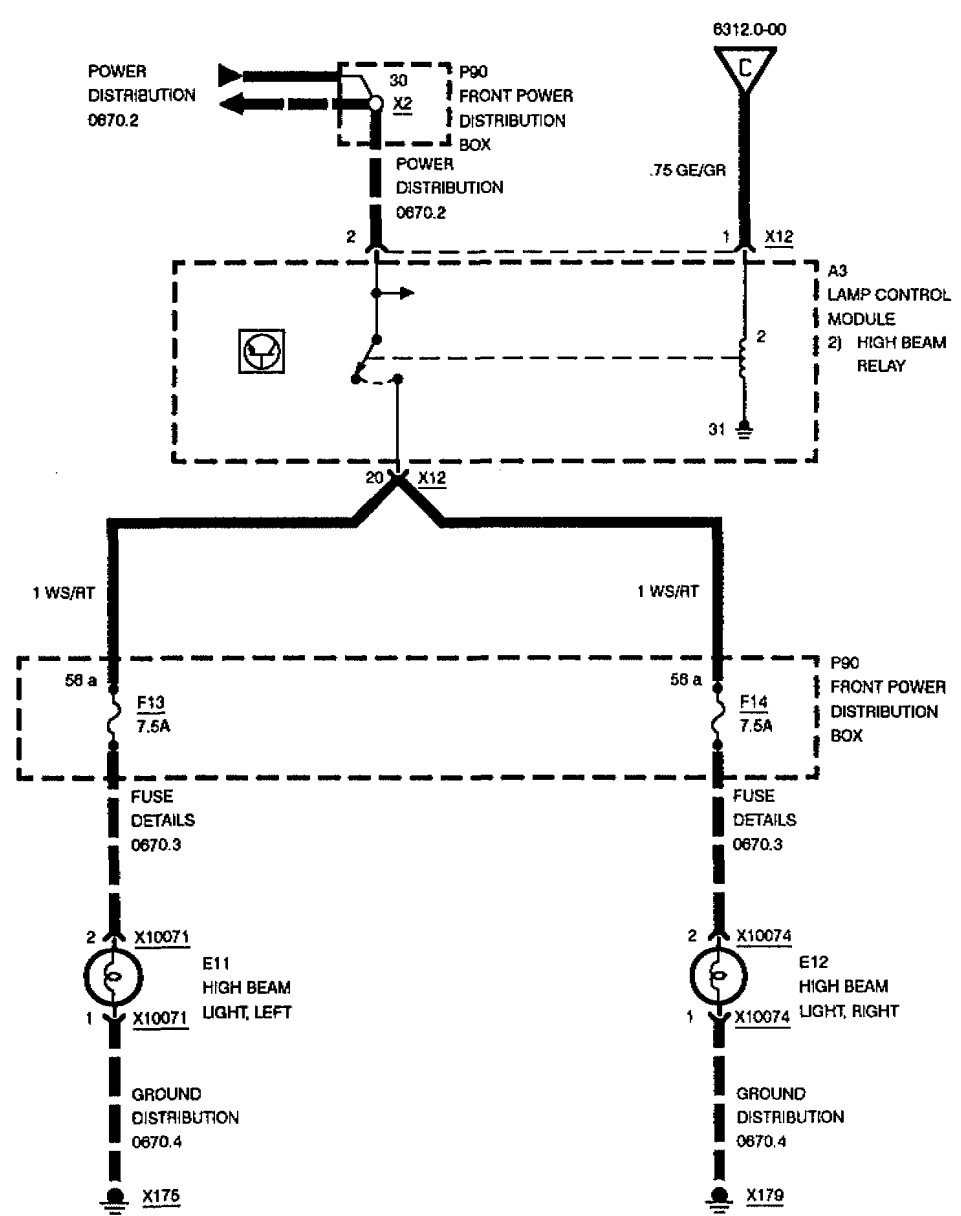
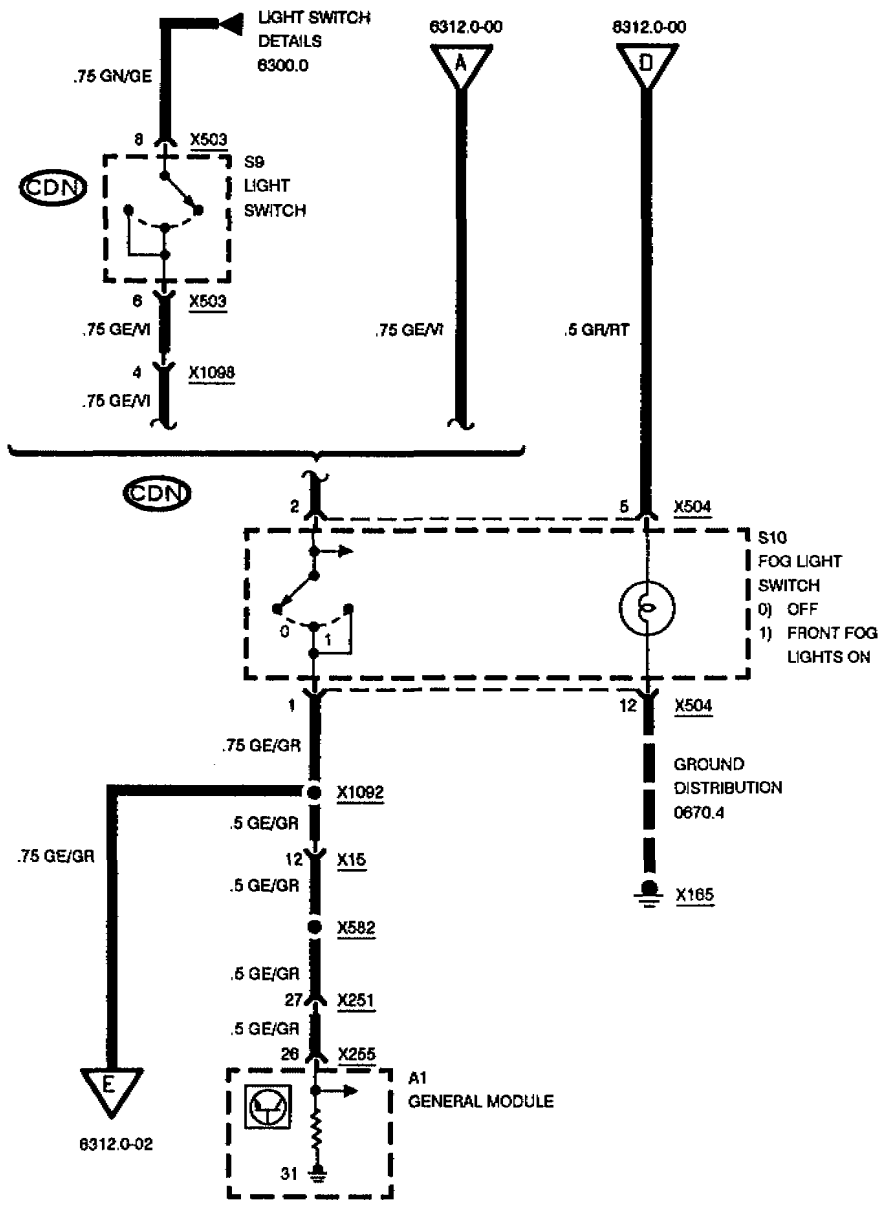




HEADLIGHTS/ FOG LIGHTS



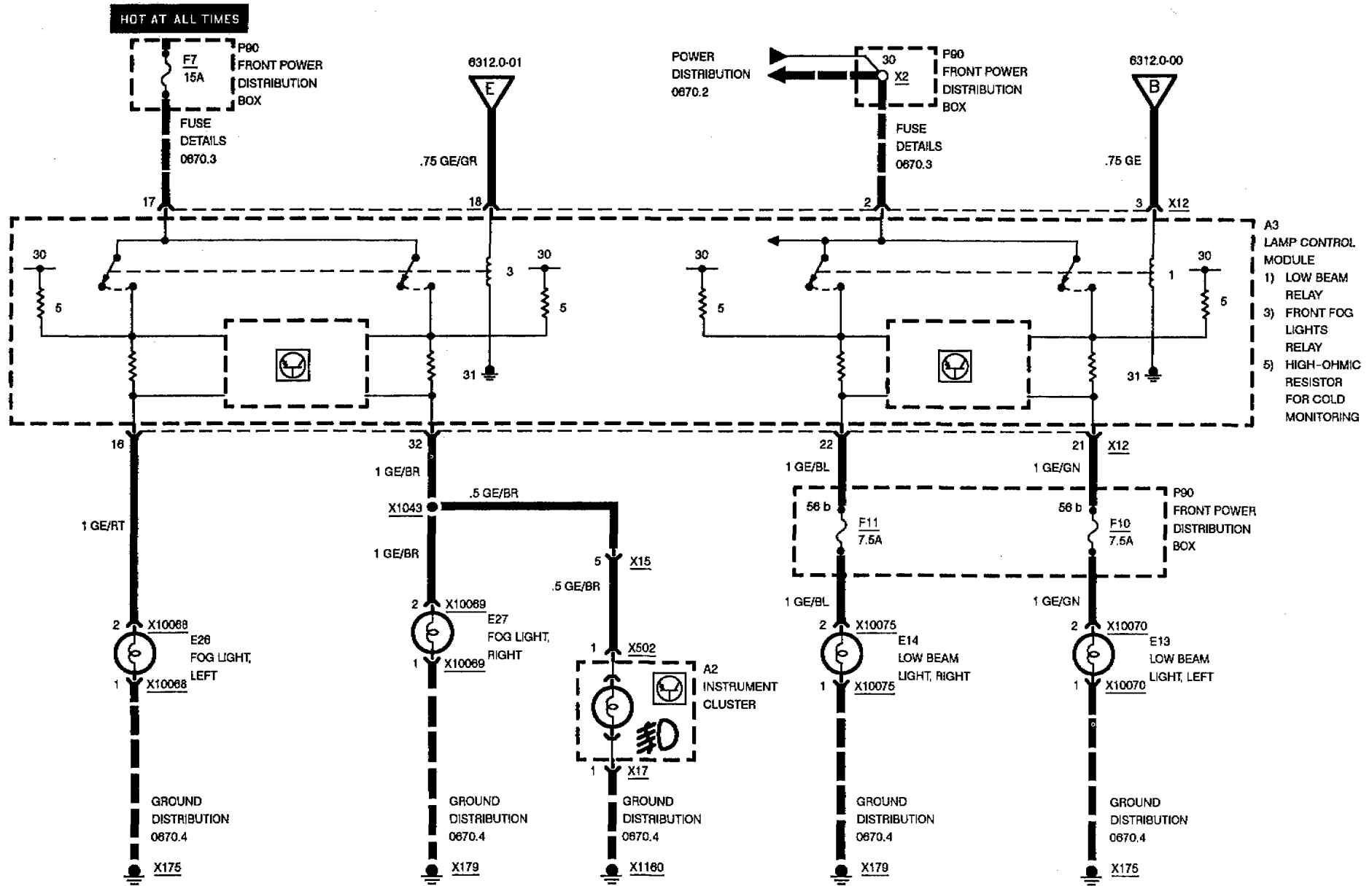
BMW 5 HEADLIGHTS/ FOG LIGHTS



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6312.0-01
1991

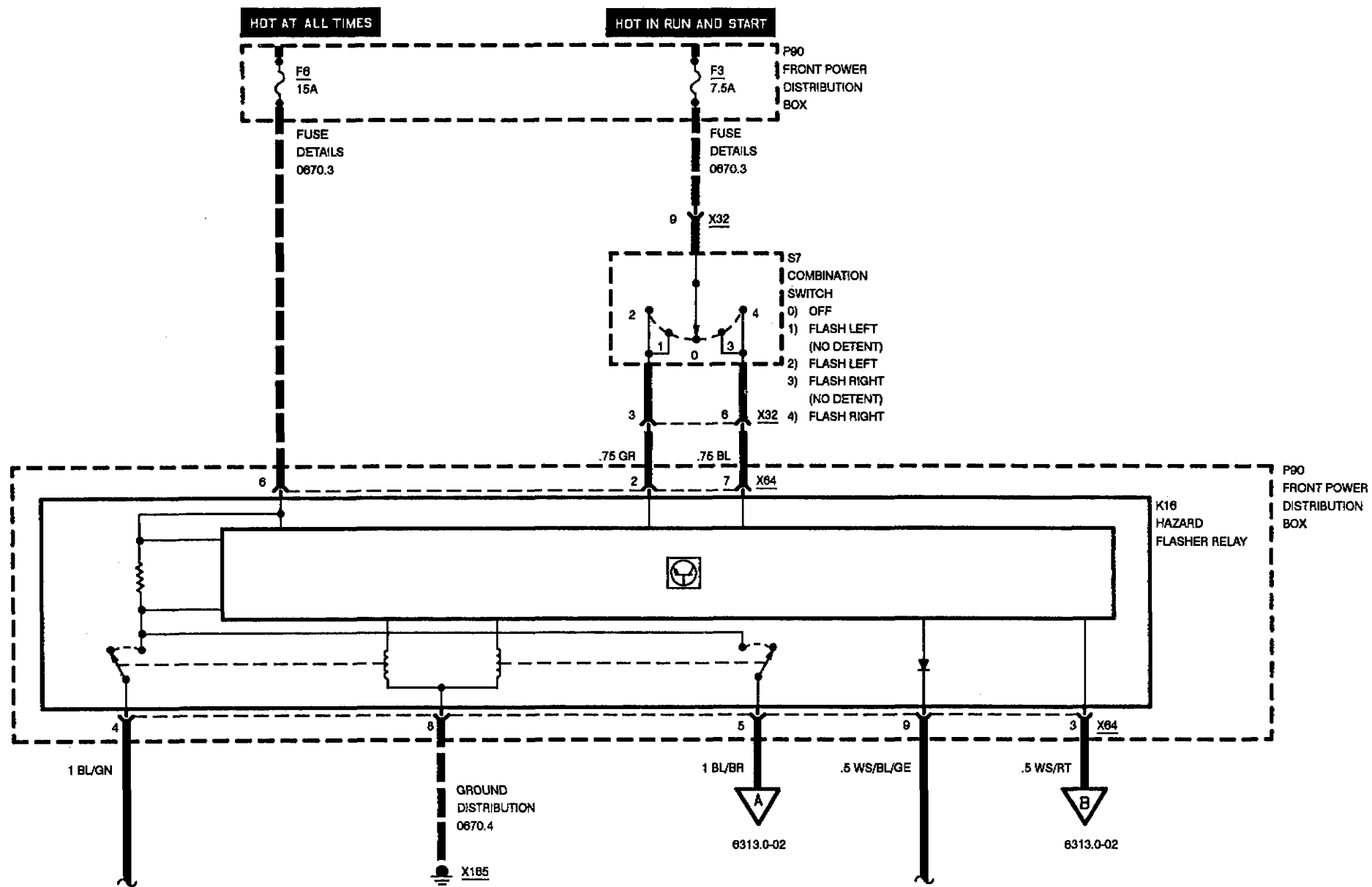


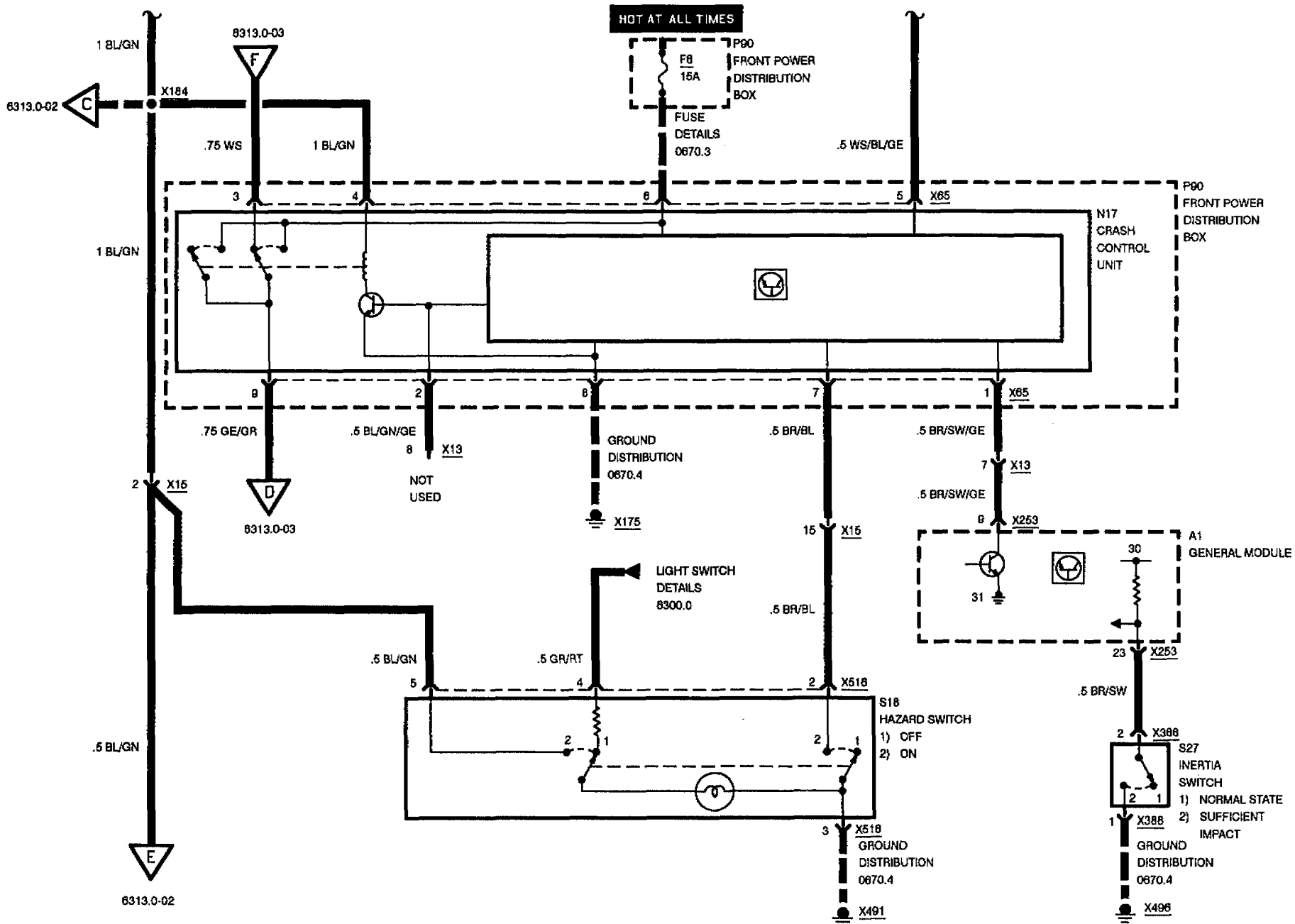
HEADLIGHTS/ FOG LIGHTS





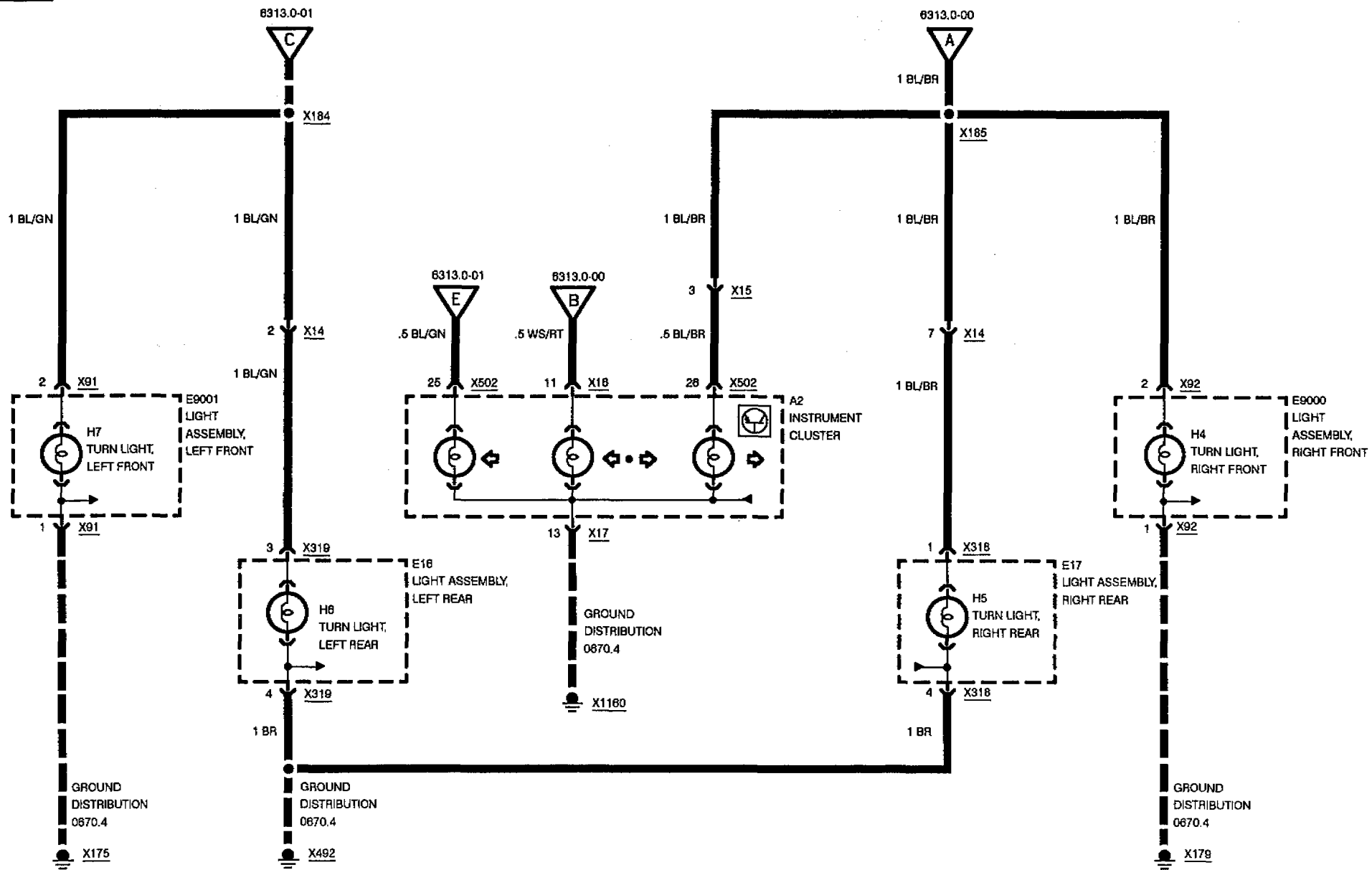
TURN/HAZARD LIGHTS







TURN/HAZARD LIGHTS

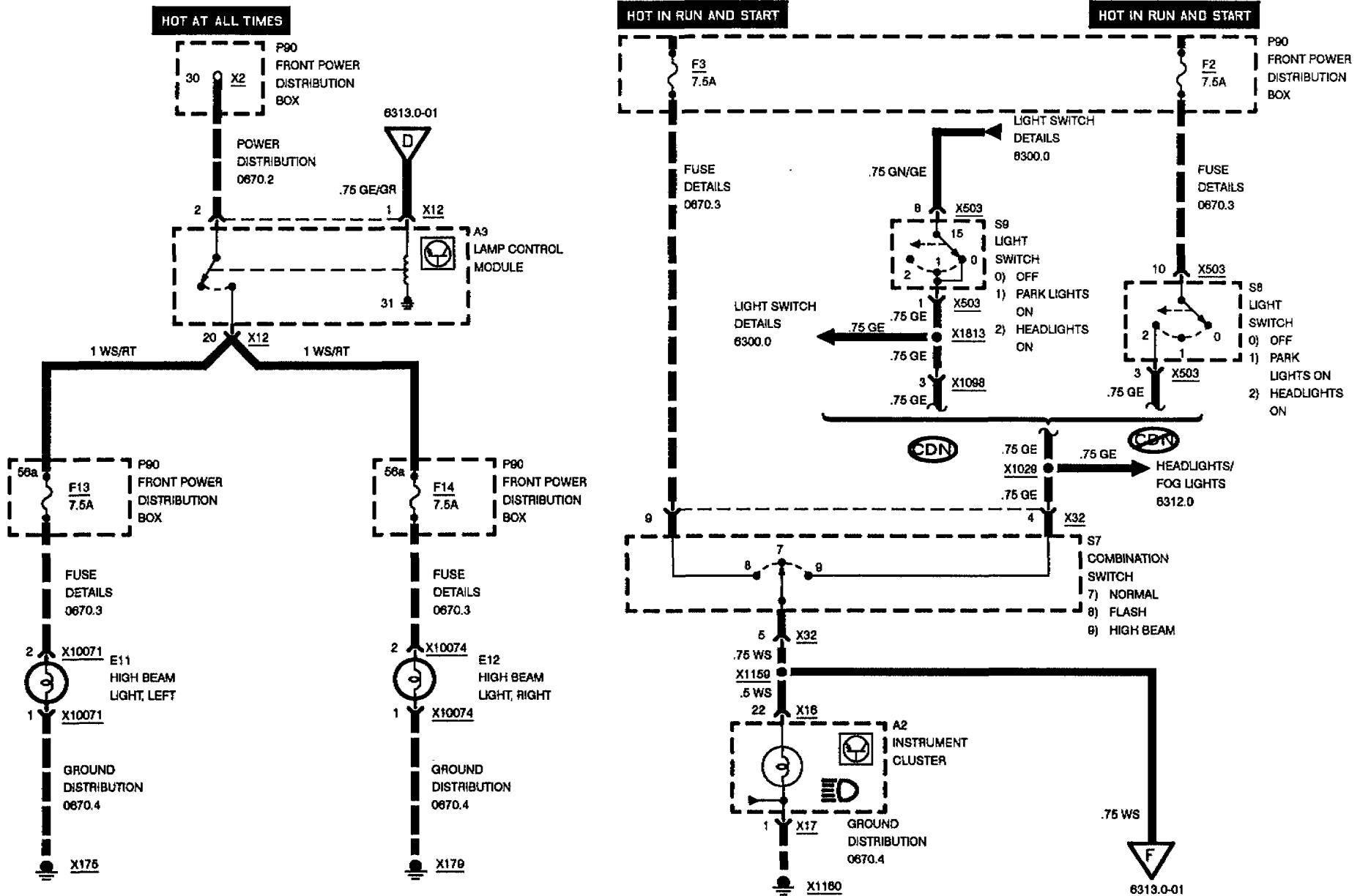


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6313.0-02

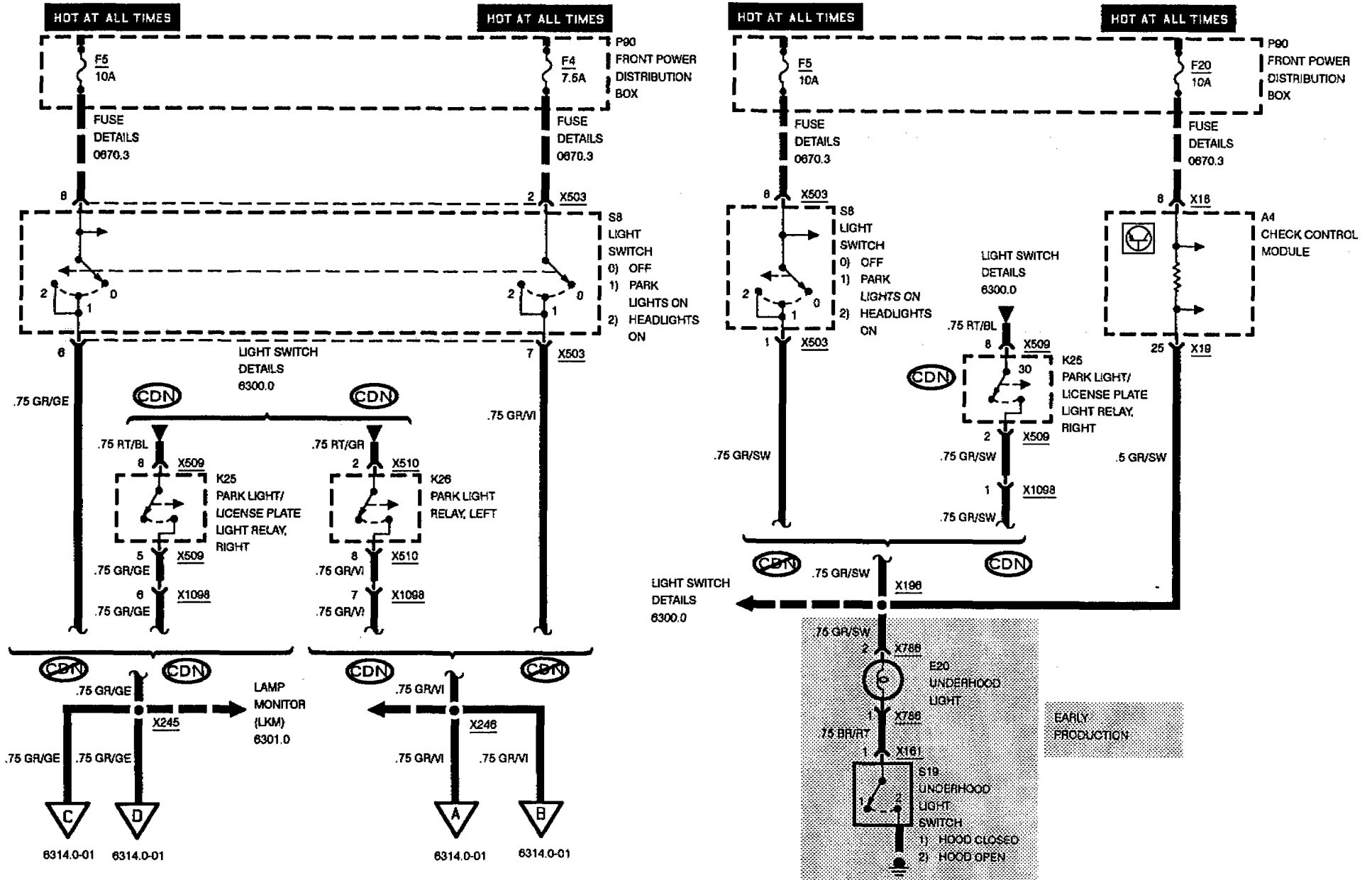
1991

TURN/HAZARD LIGHTS





PARK/TAIL/ UNDERHOOD LIGHTS

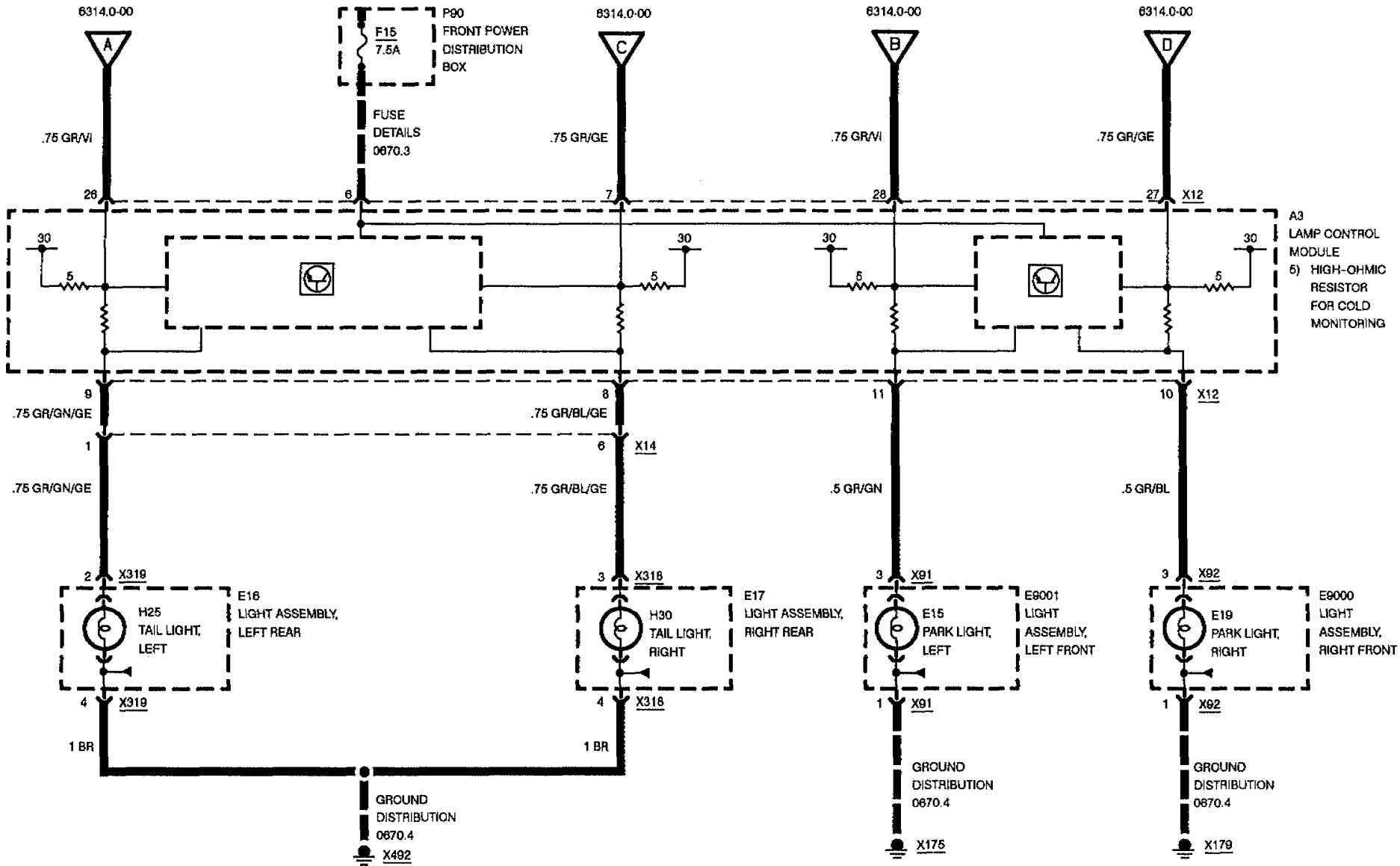




PARK/TAIL/ UNDERHOOD LIGHTS

FRONT AND REAR PARK LIGHTS

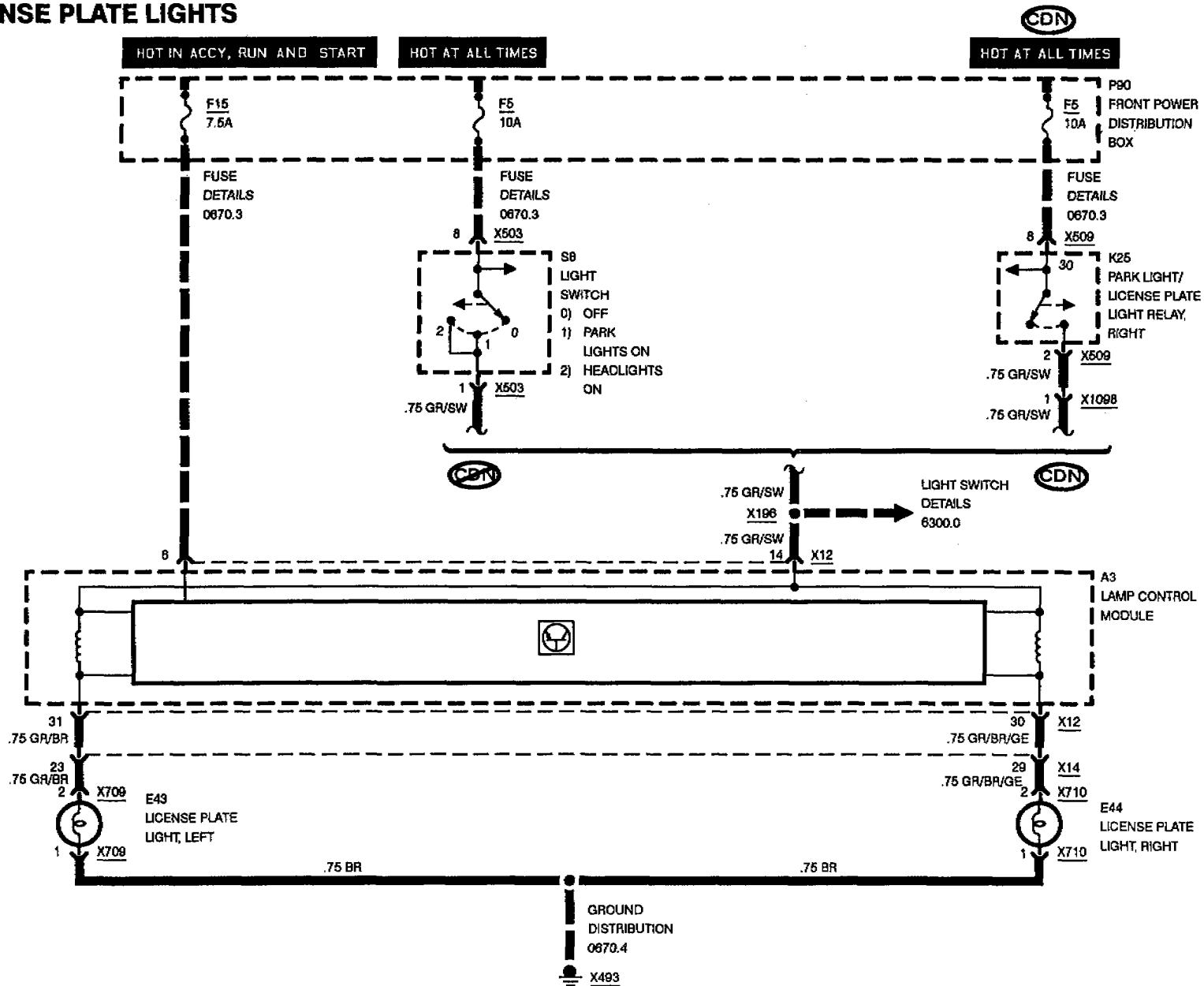
HOT IN ACCY, RUN AND START





LICENSE PLATE/ LUGGAGE COMPARTMENT LIGHTS

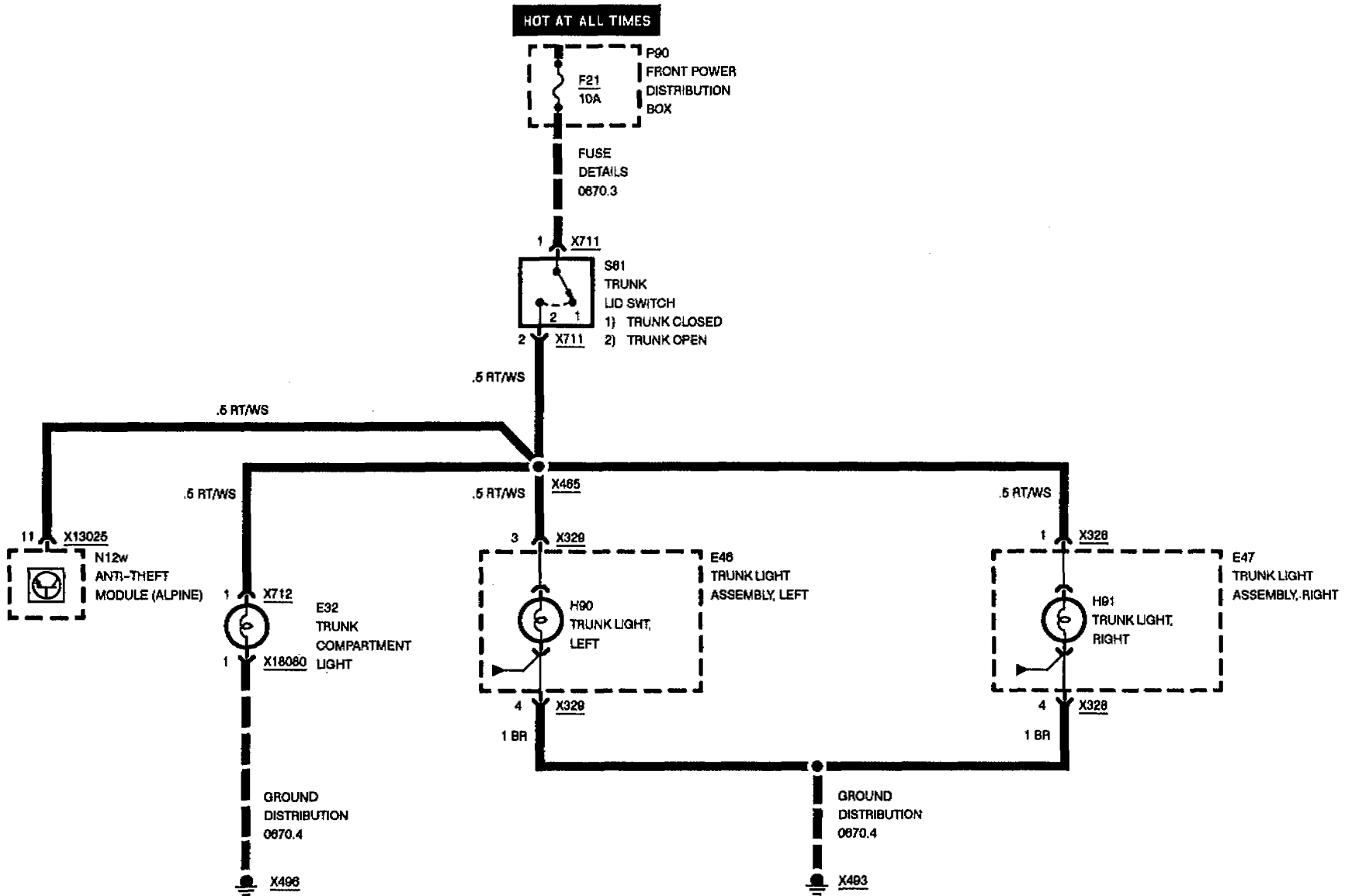
LICENSE PLATE LIGHTS





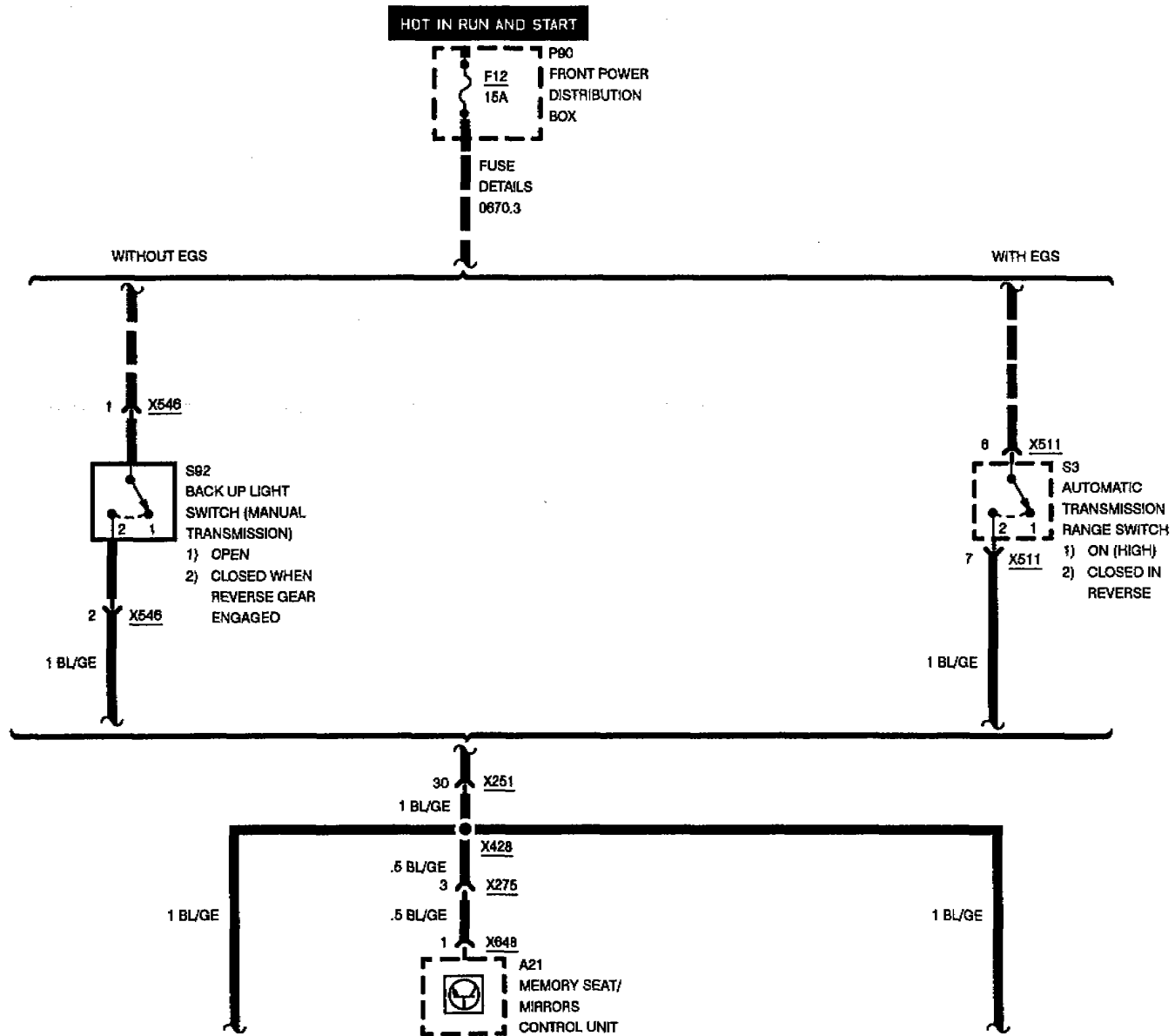
LICENSE PLATE/ LUGGAGE COMPARTMENT LIGHTS

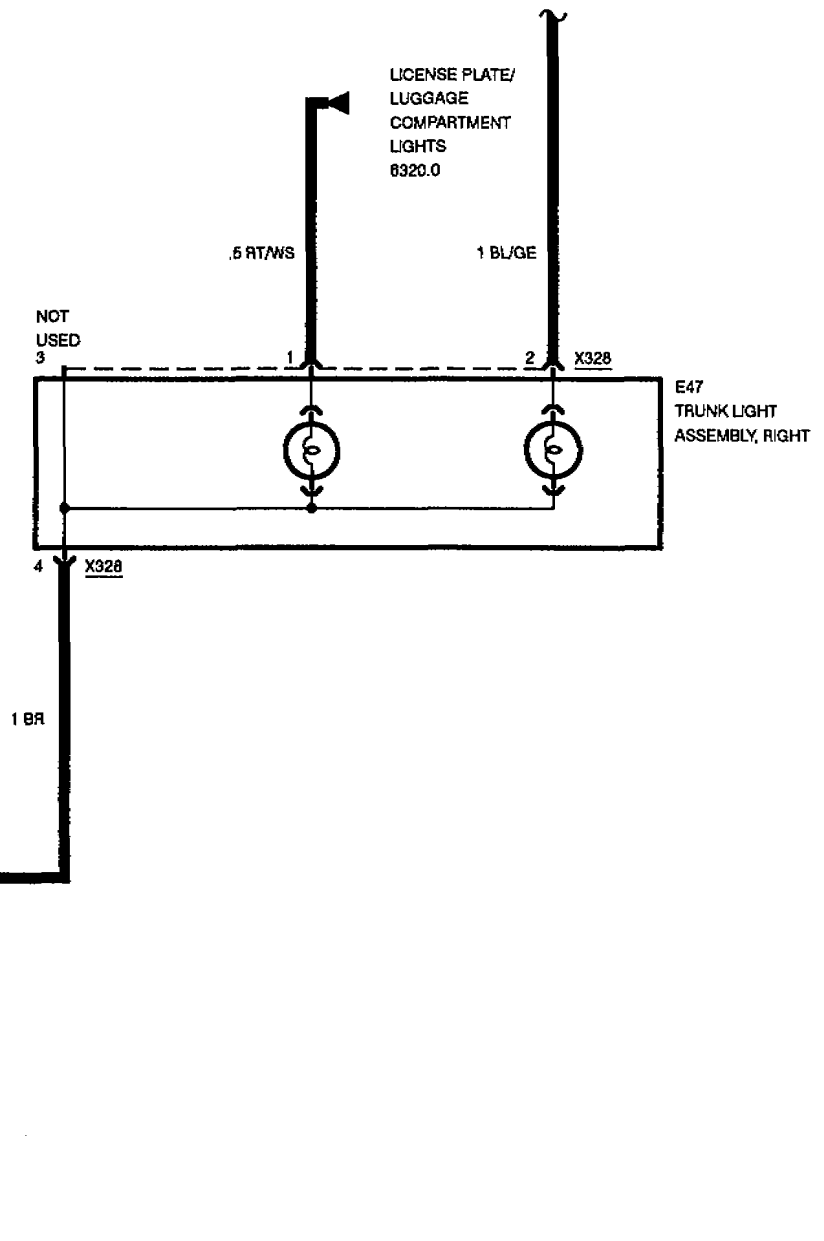
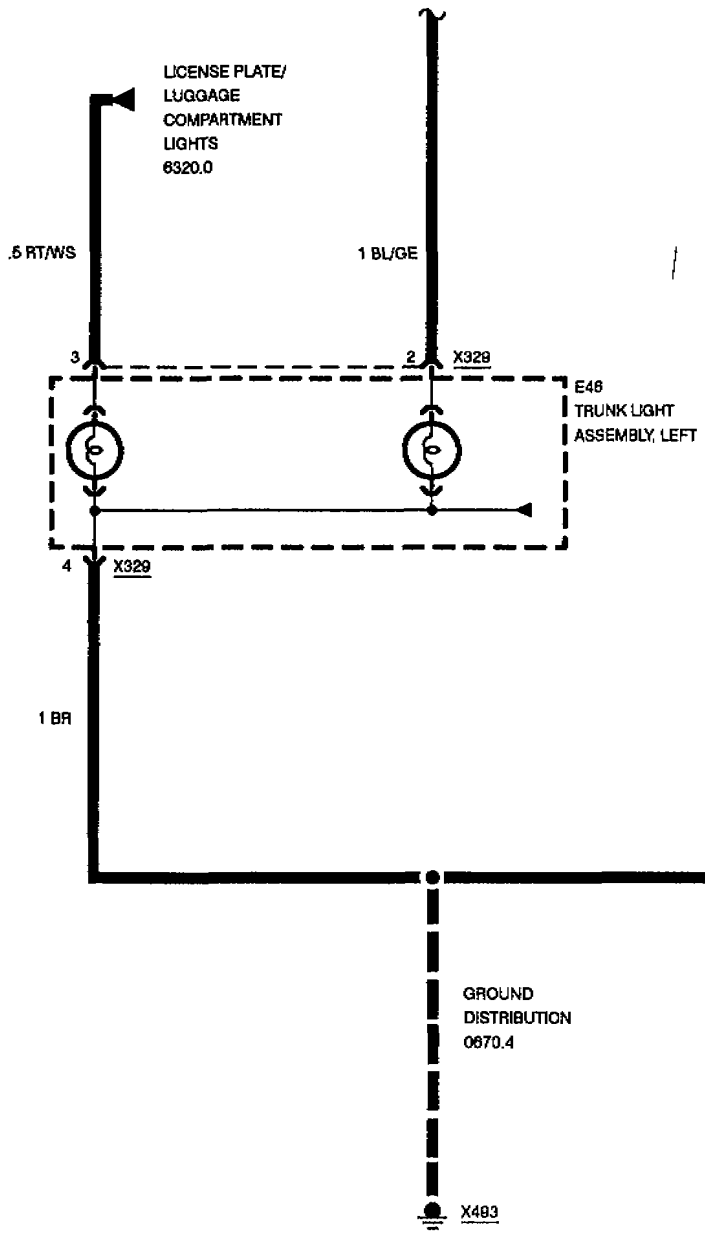
TRUNK LIGHTS



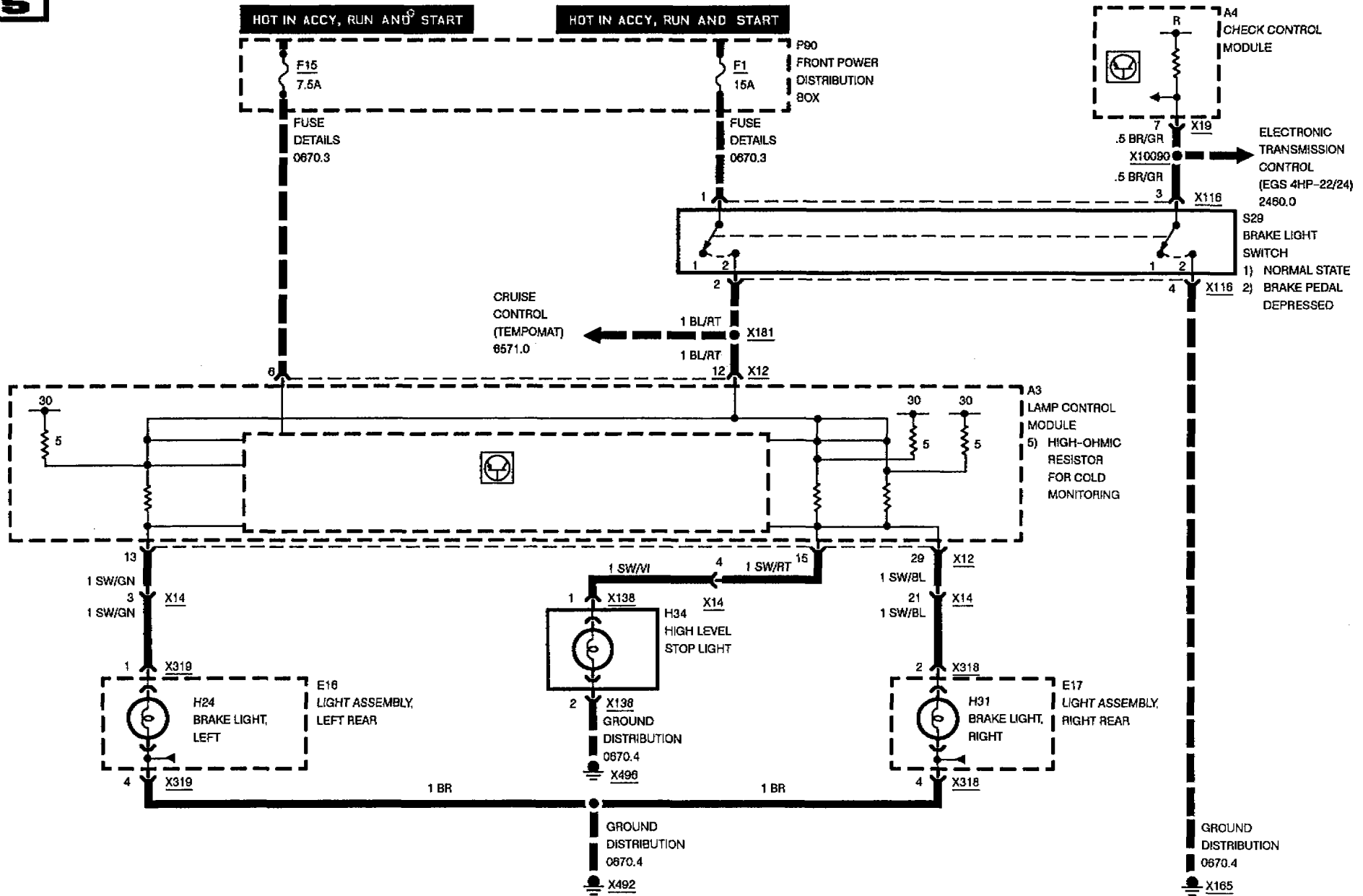


BACK UP LIGHTS





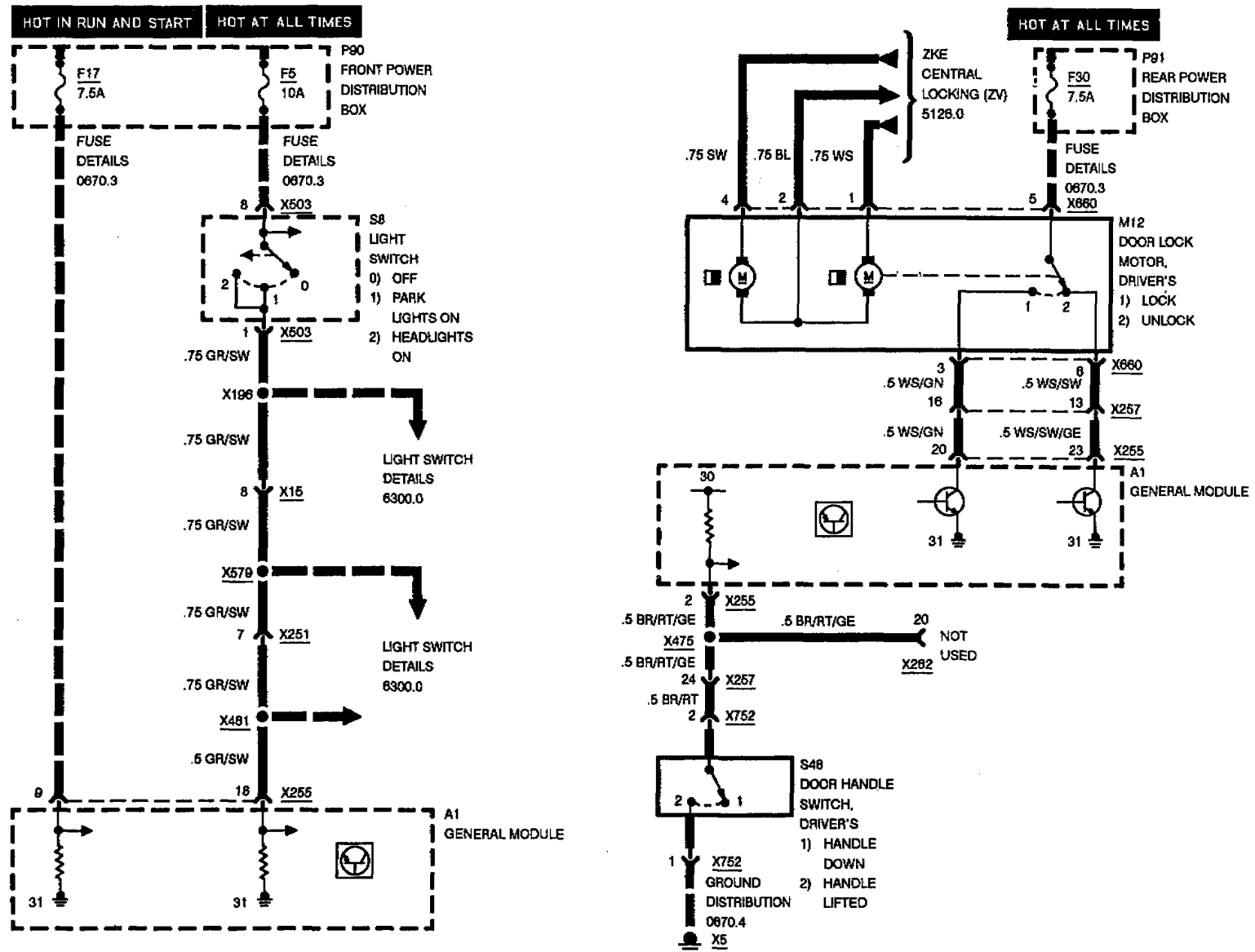
BRAKE LIGHTS





ZKE INTERIOR LIGHTS CONTROL (IB)

INPUT DETAILS

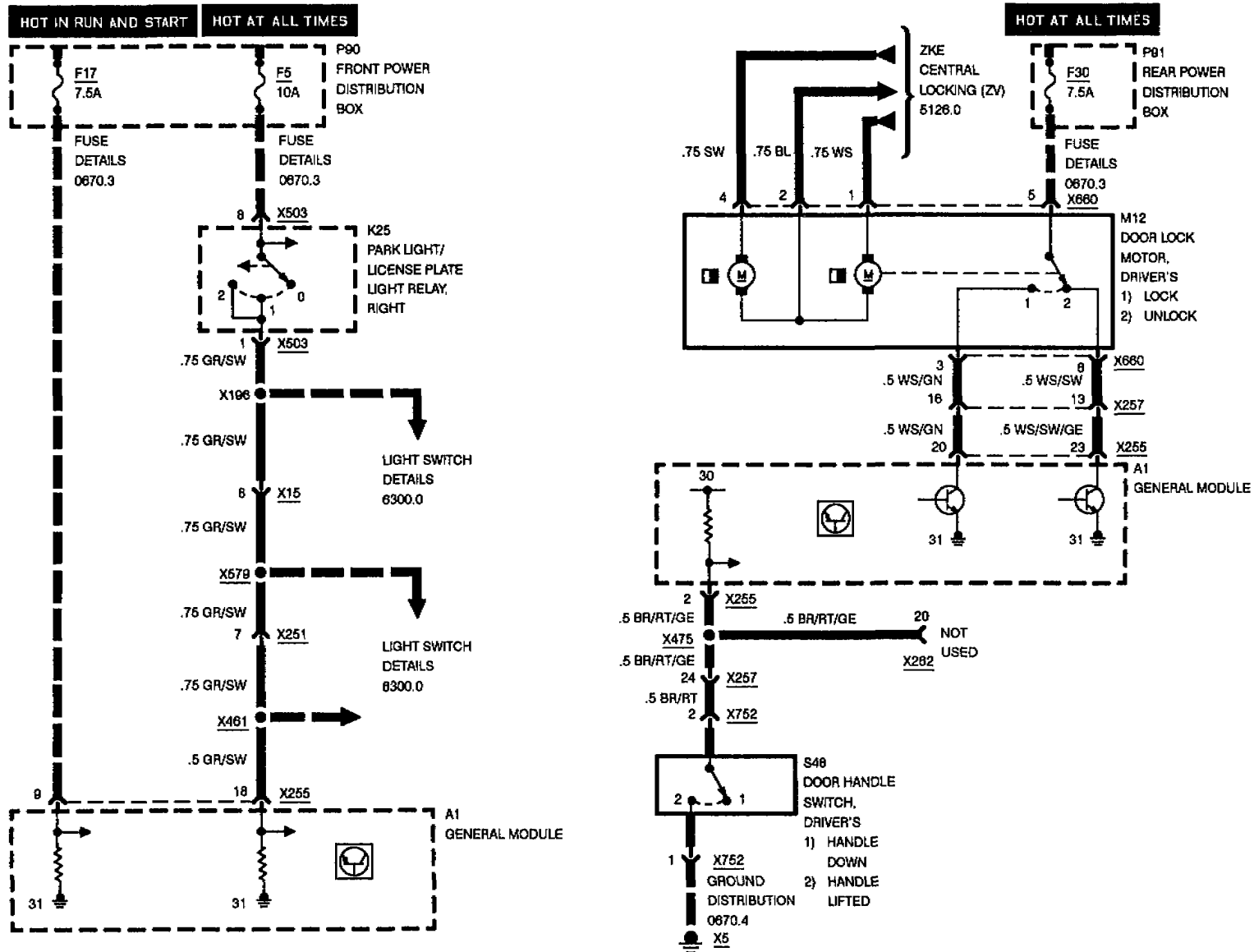




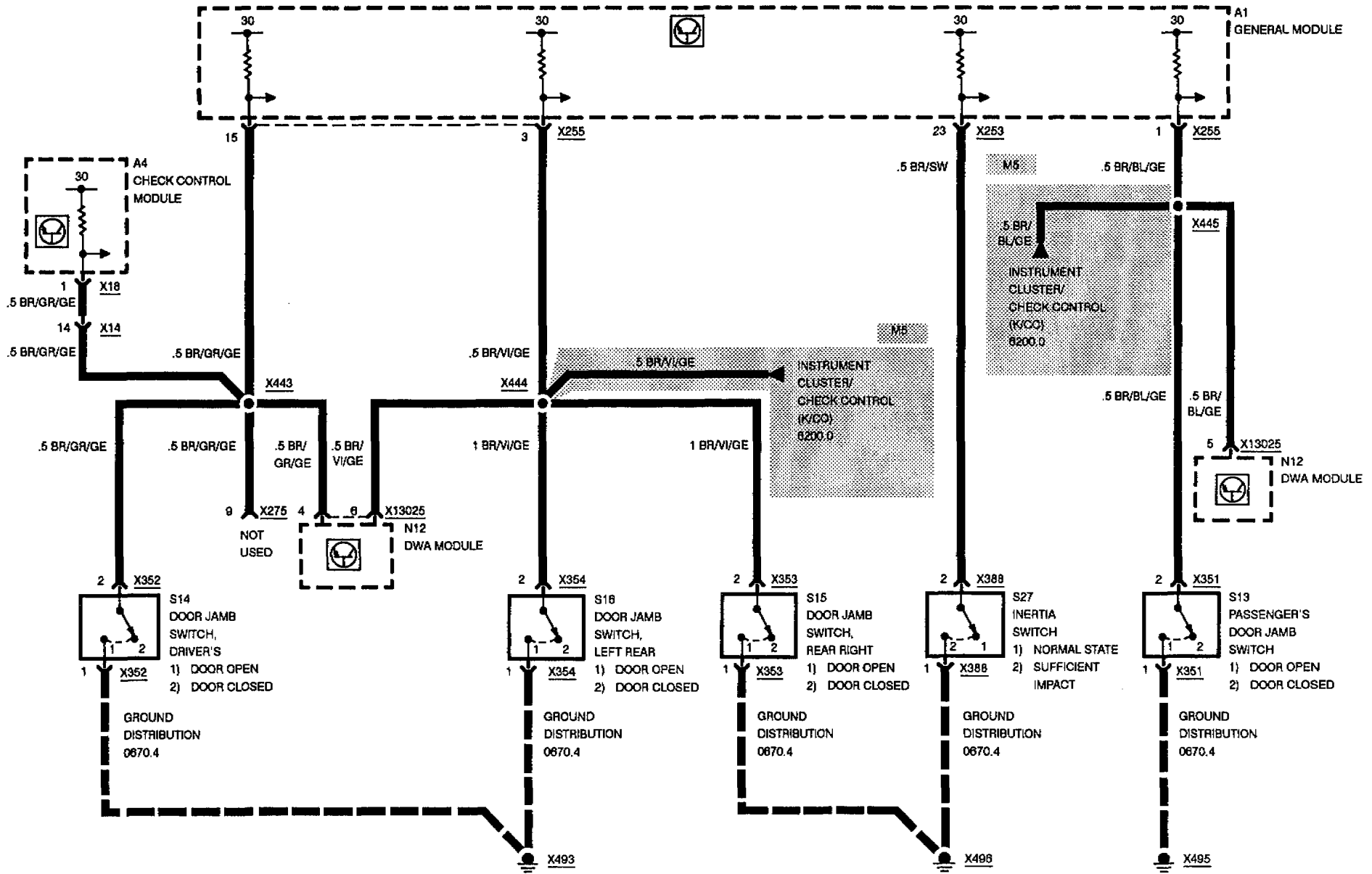
ZKE INTERIOR LIGHTS CONTROL (IB)



INPUT DETAILS



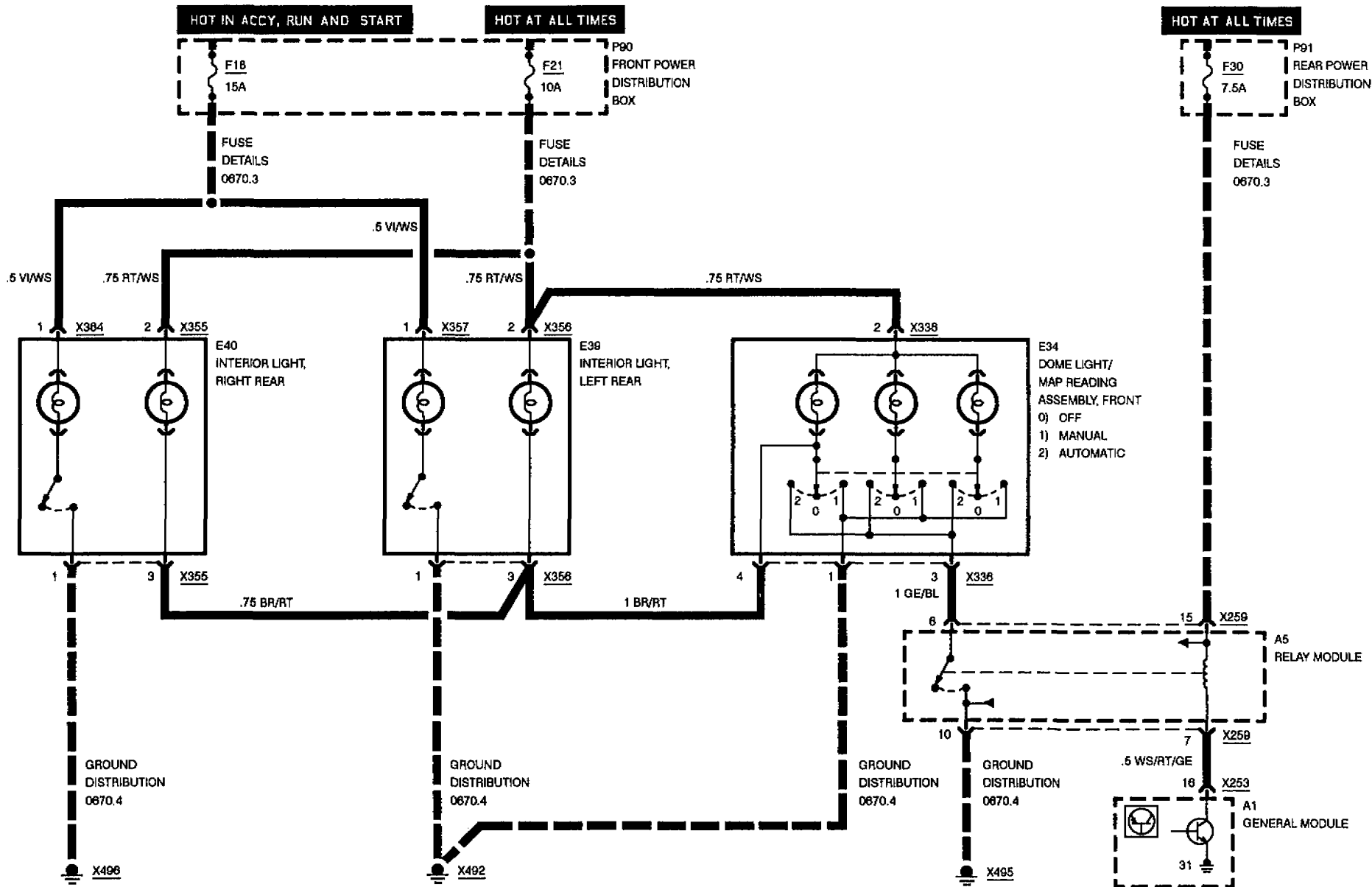
ZKE INTERIOR LIGHTS CONTROL (IB) INPUT DETAILS





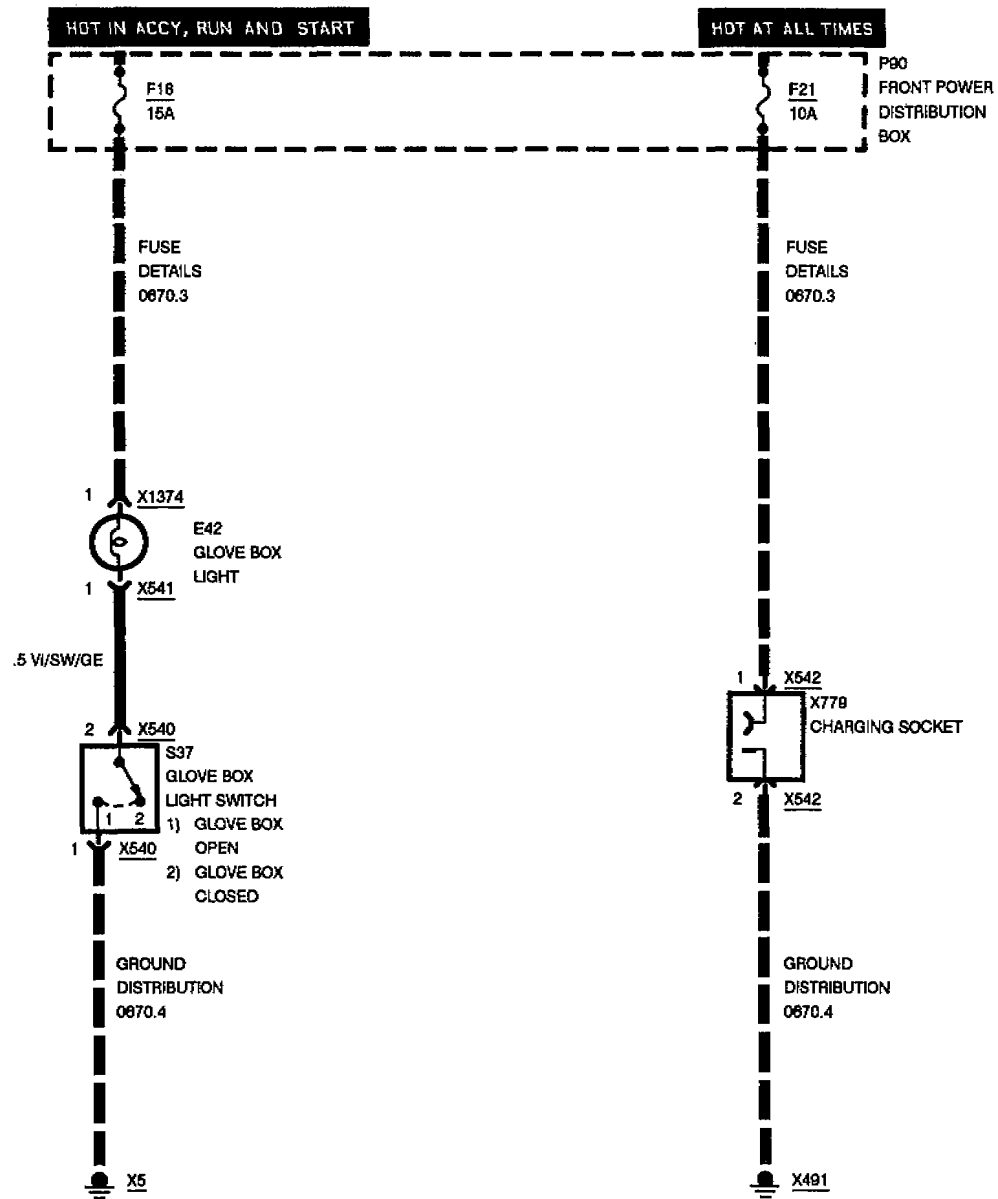
ZKE INTERIOR LIGHTS CONTROL (IB)

OUTPUT DETAILS

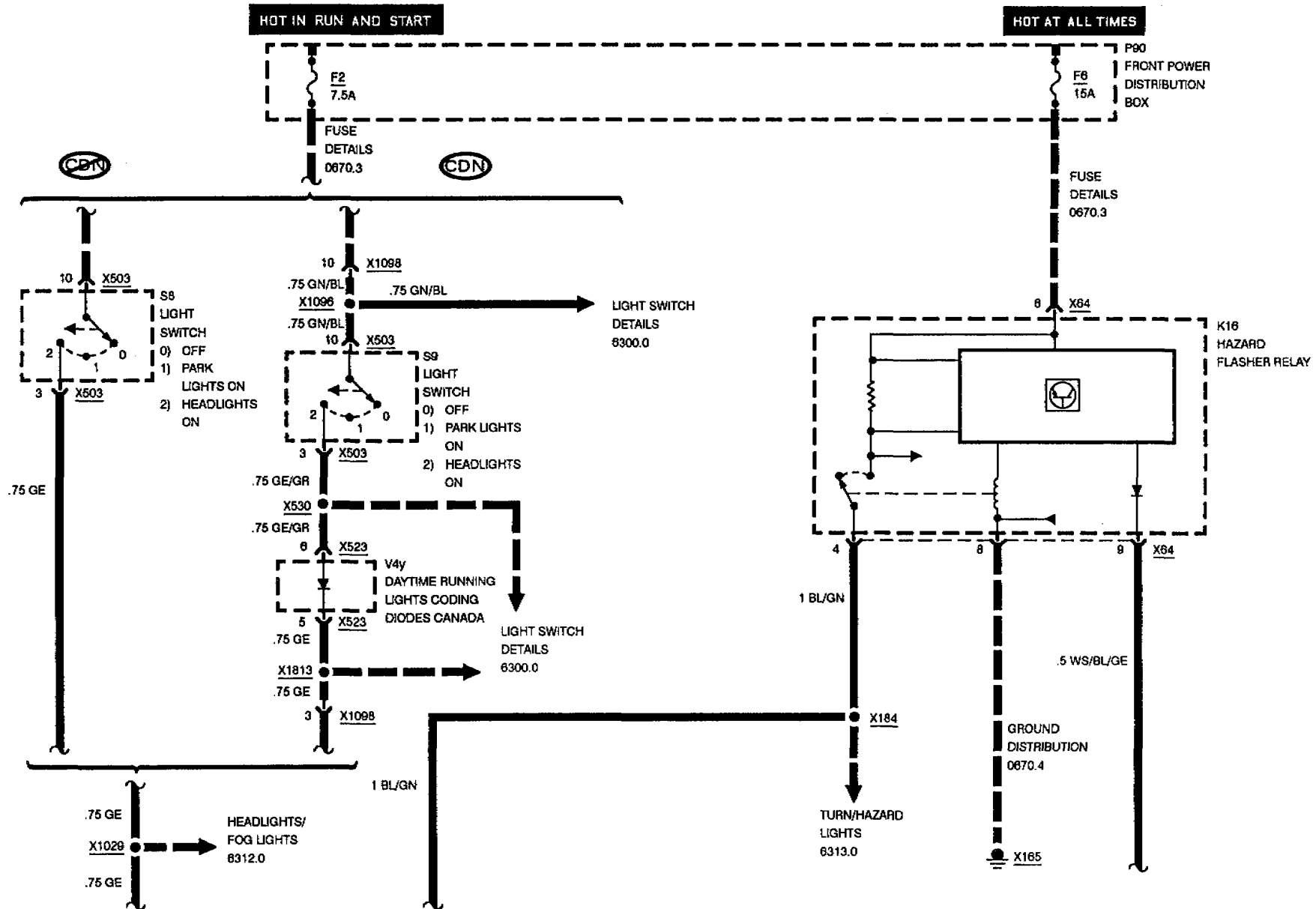


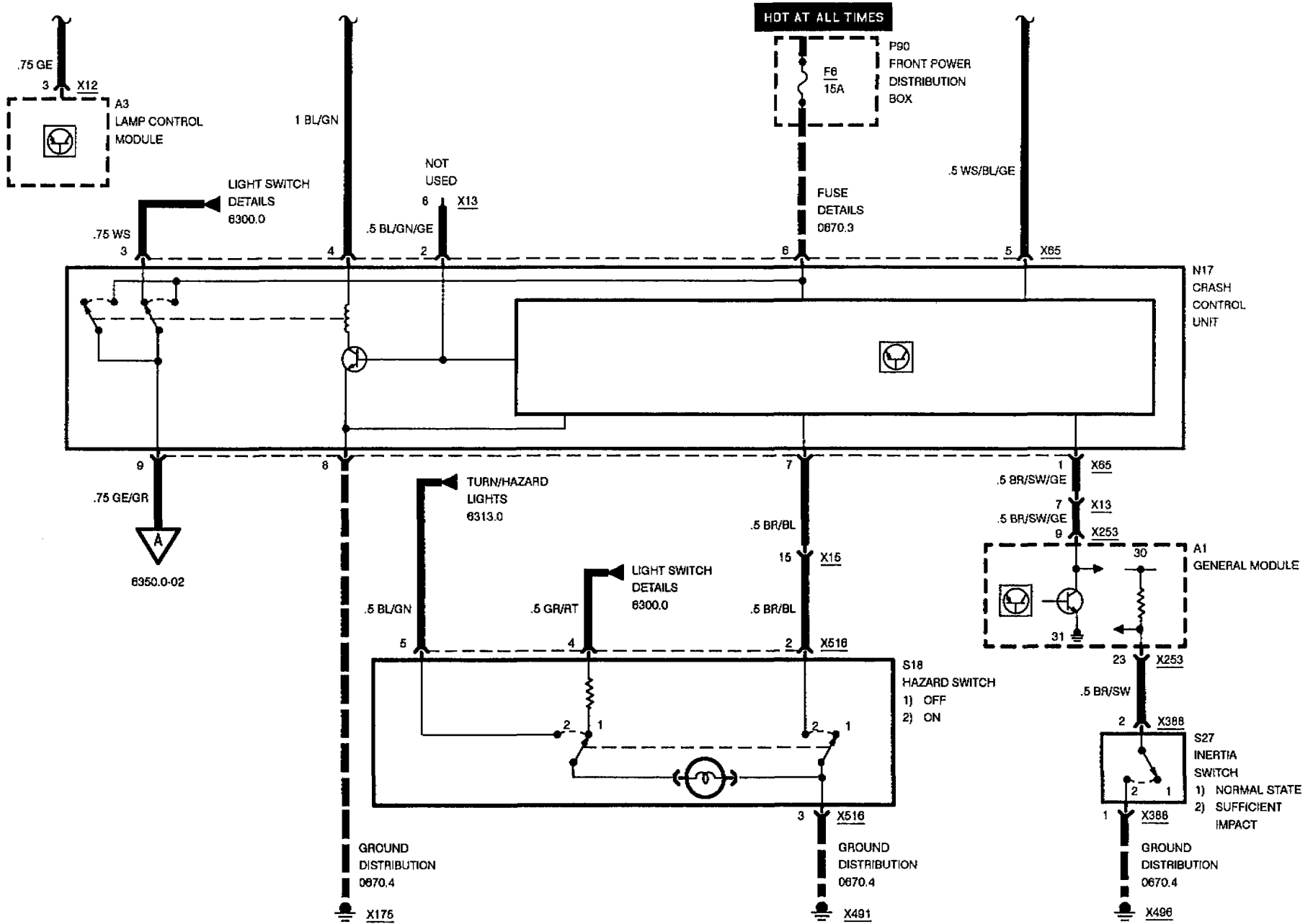


GLOVE BOX LIGHT/CIGAR LIGHTER/ CHARGING SOCKET



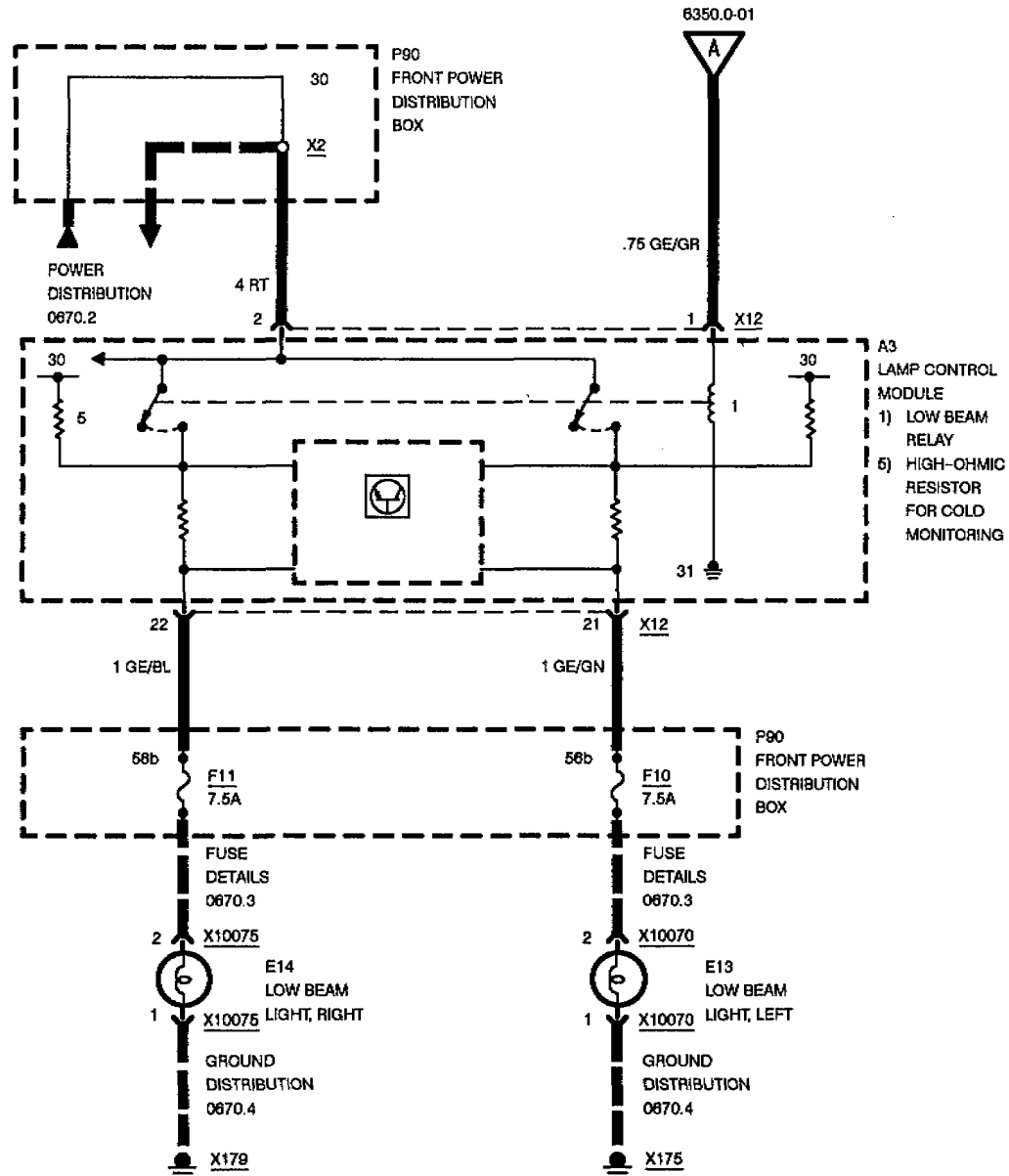
CRASH CONTROL UNIT



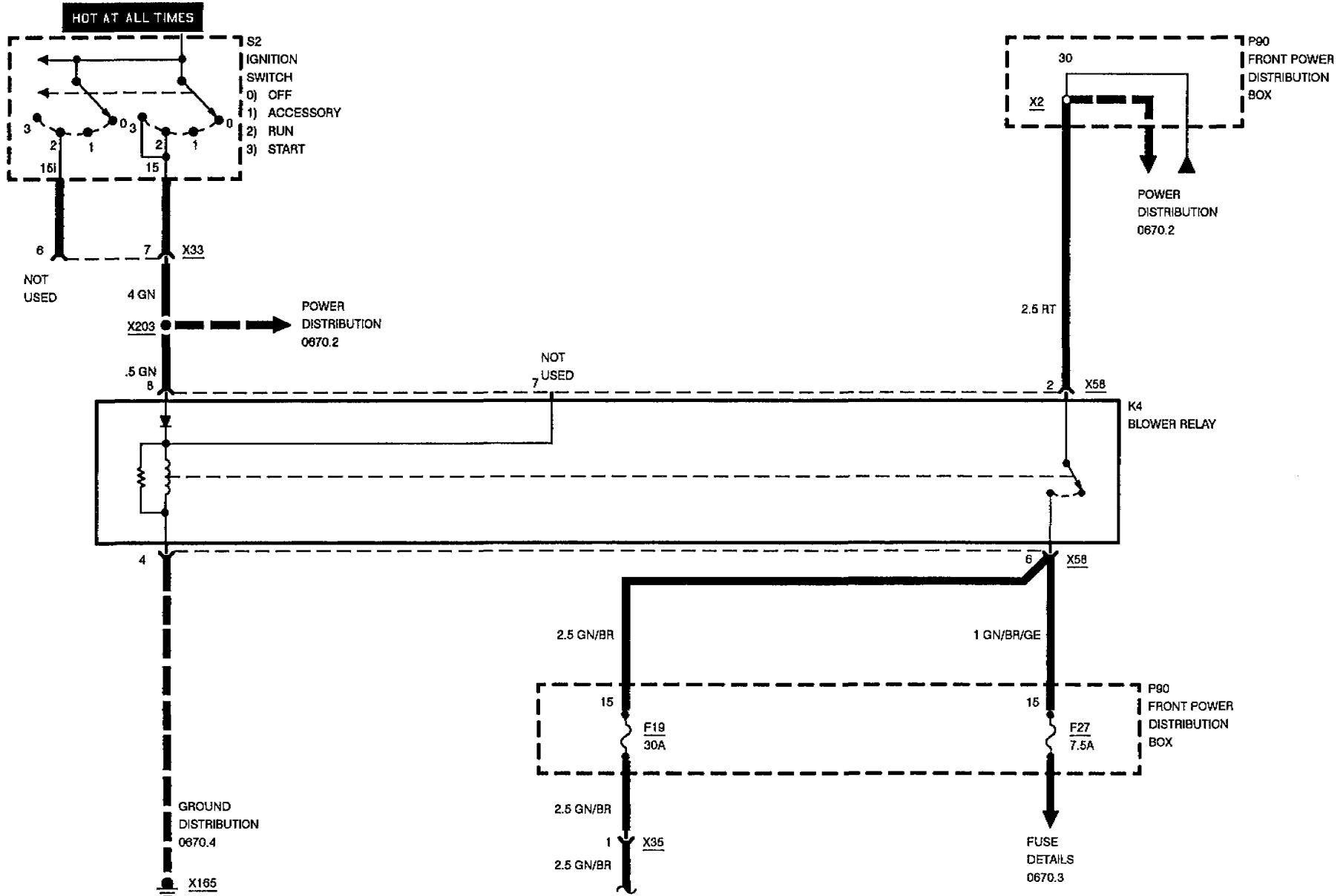


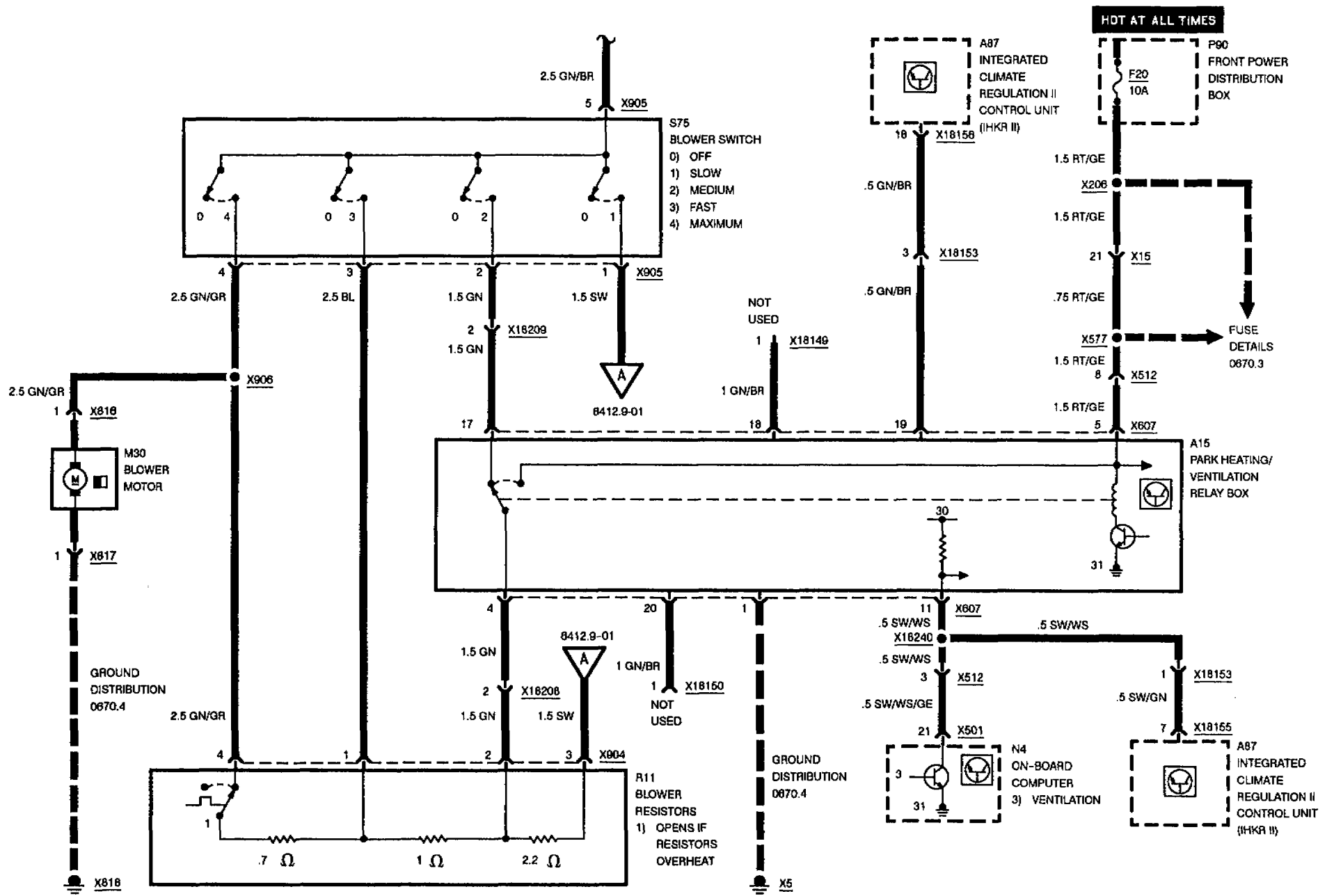


CRASH CONTROL UNIT



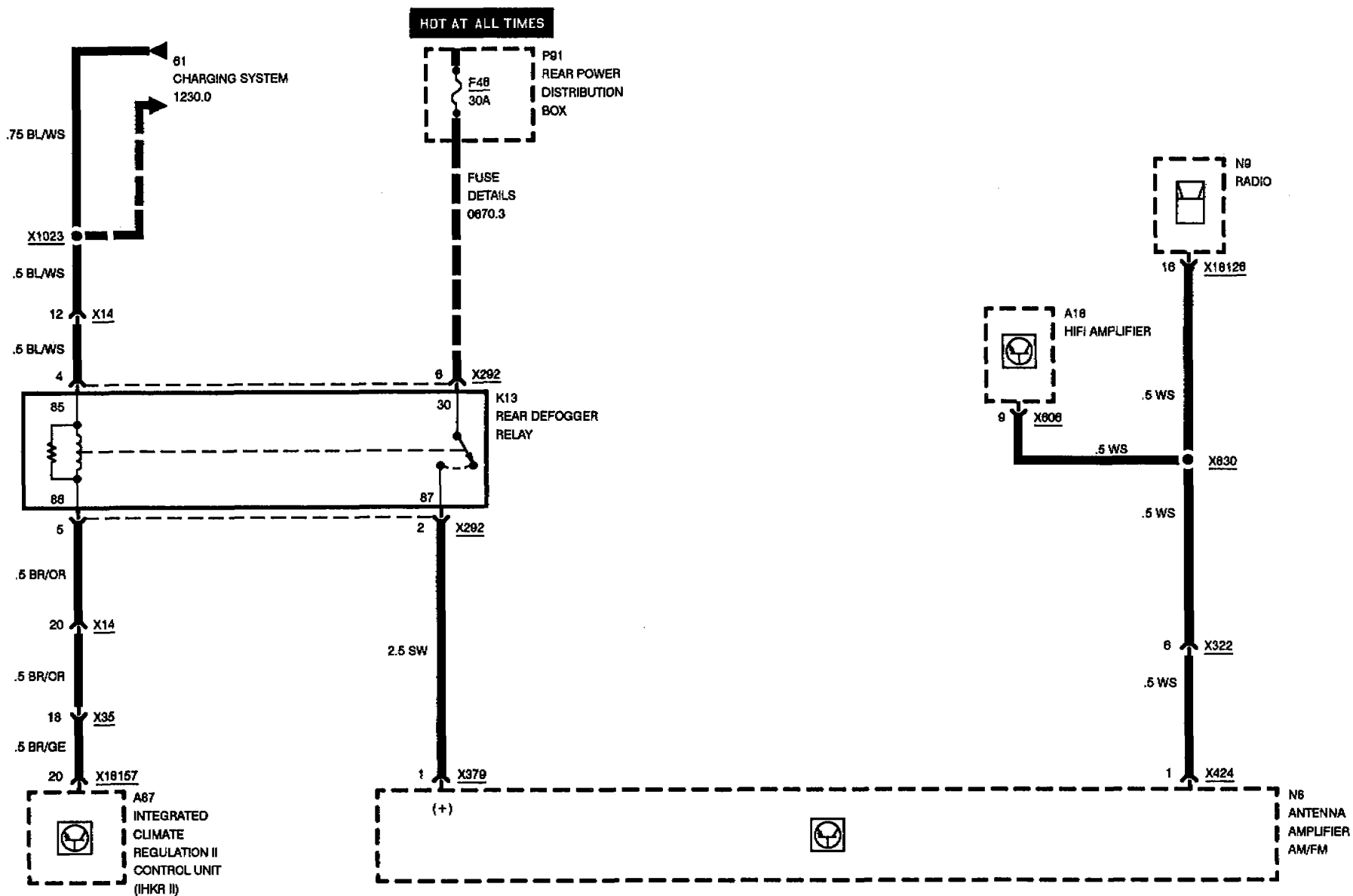
PARK VENTILATION WITH IHKR2







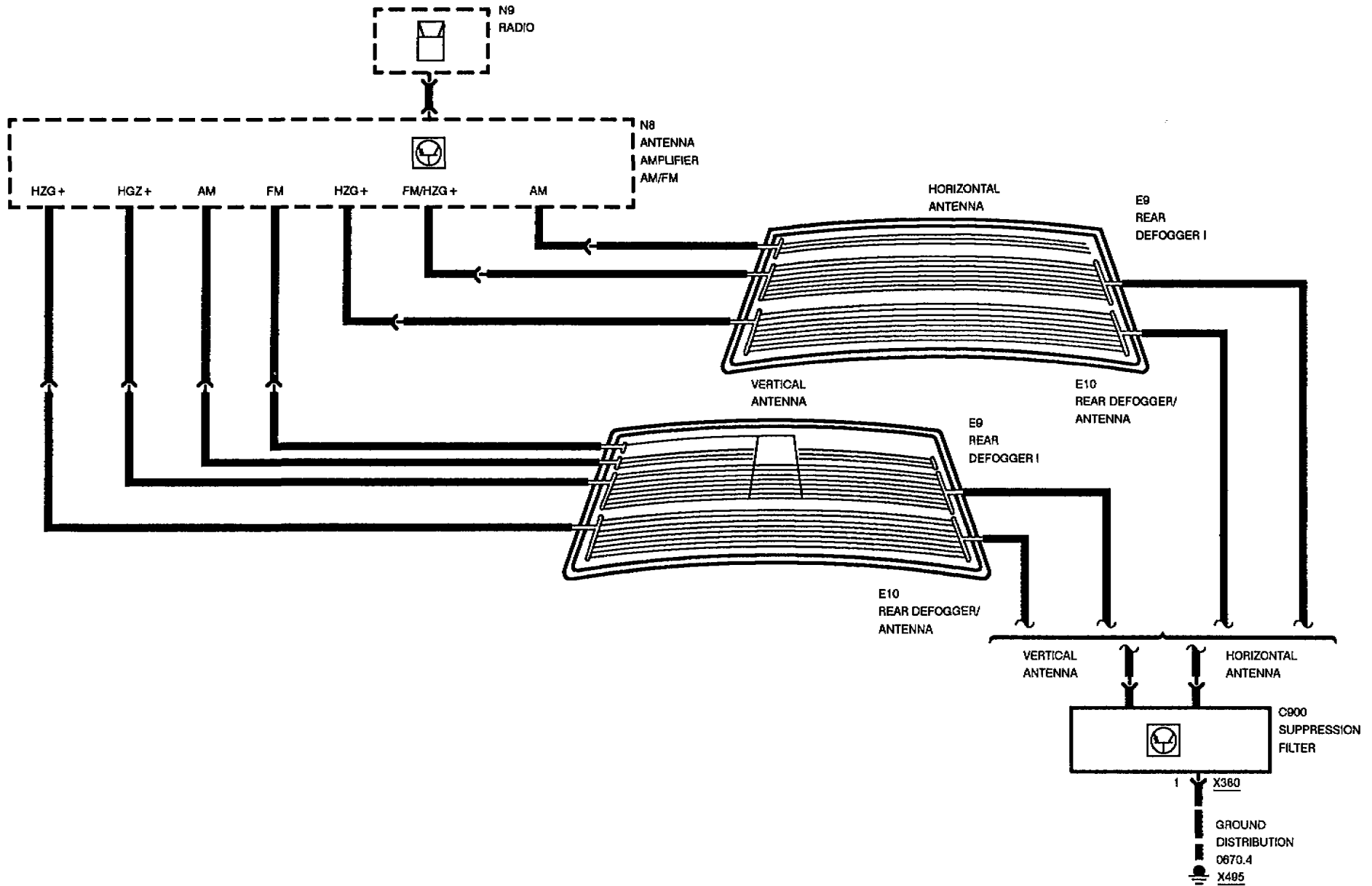
REAR WINDOW DEFOGGER





REAR WINDOW DEFOGGER

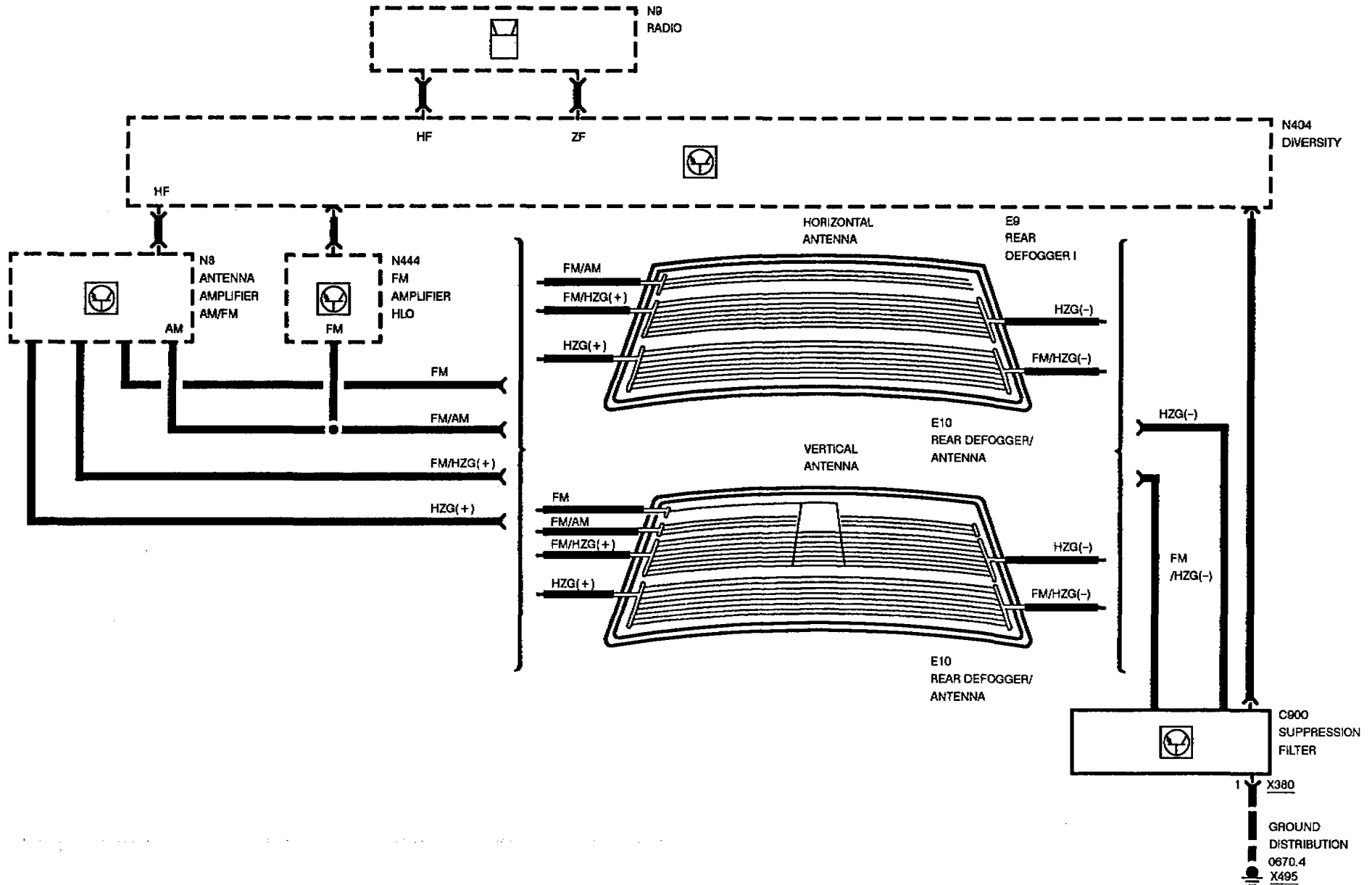
REAR WINDOW ANTENNA

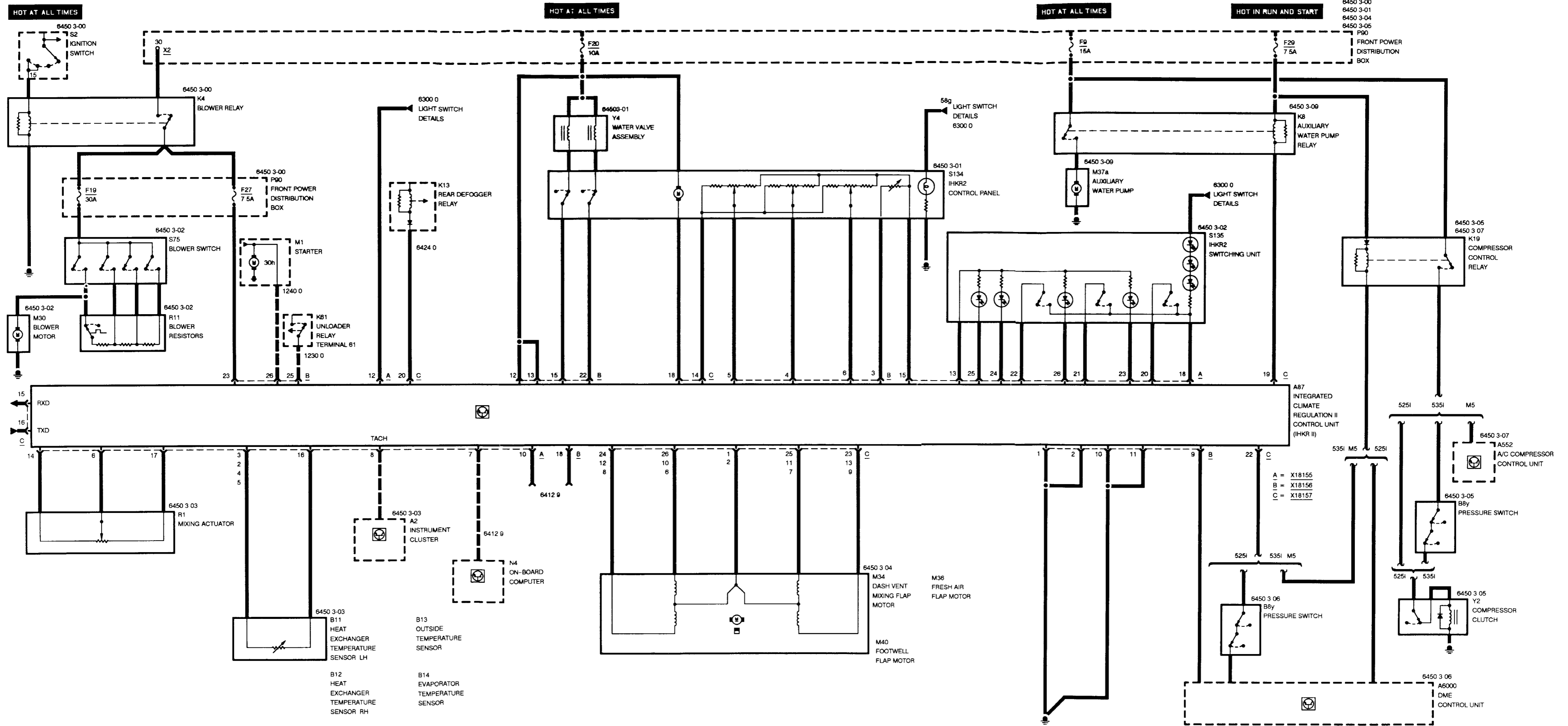




REAR WINDOW DEFOGGER

3-ANTENNA-DIVERSITY

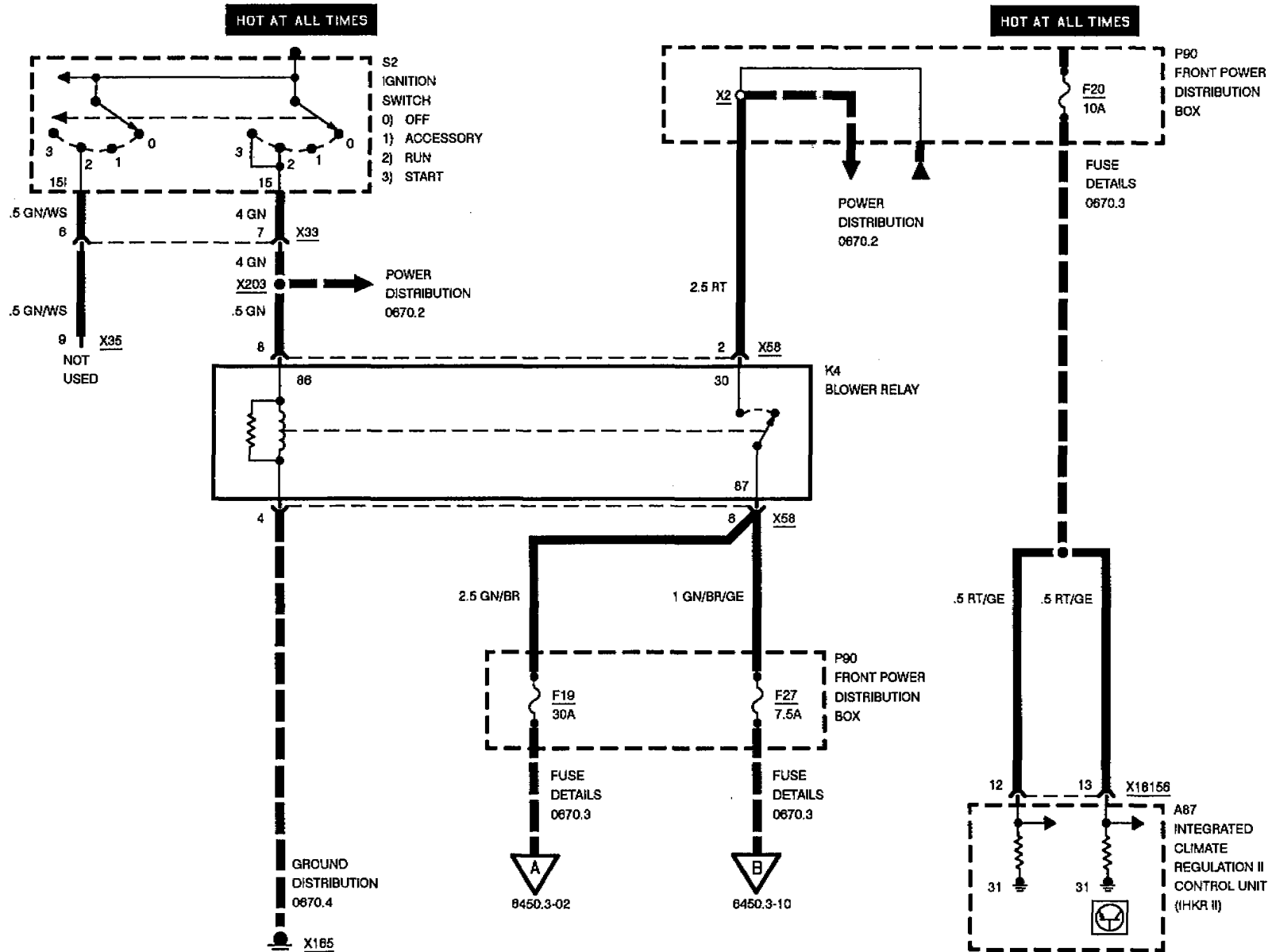






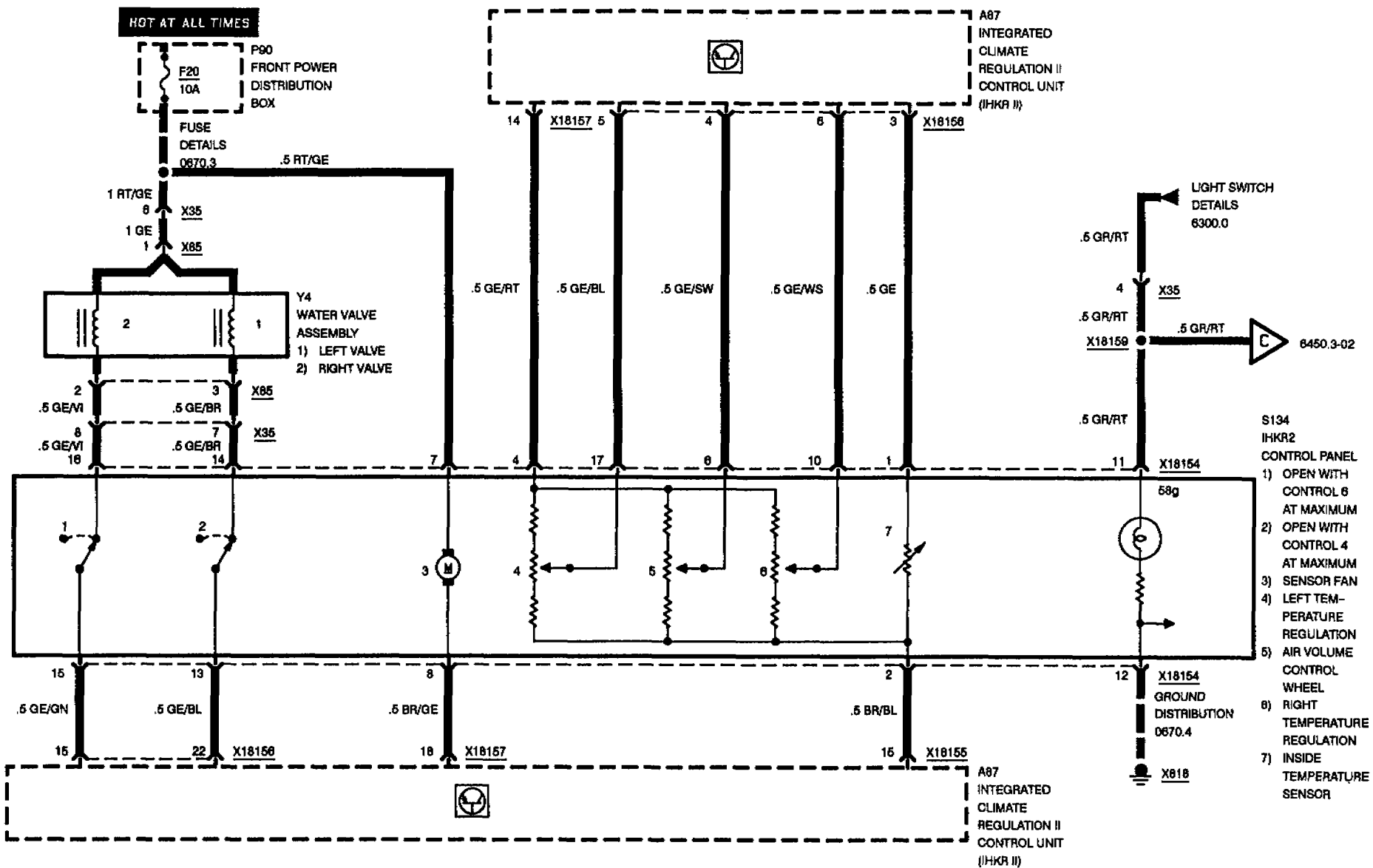
INTEGRATED CLIMATE REGULATION 2 (IHKR2)

POWER



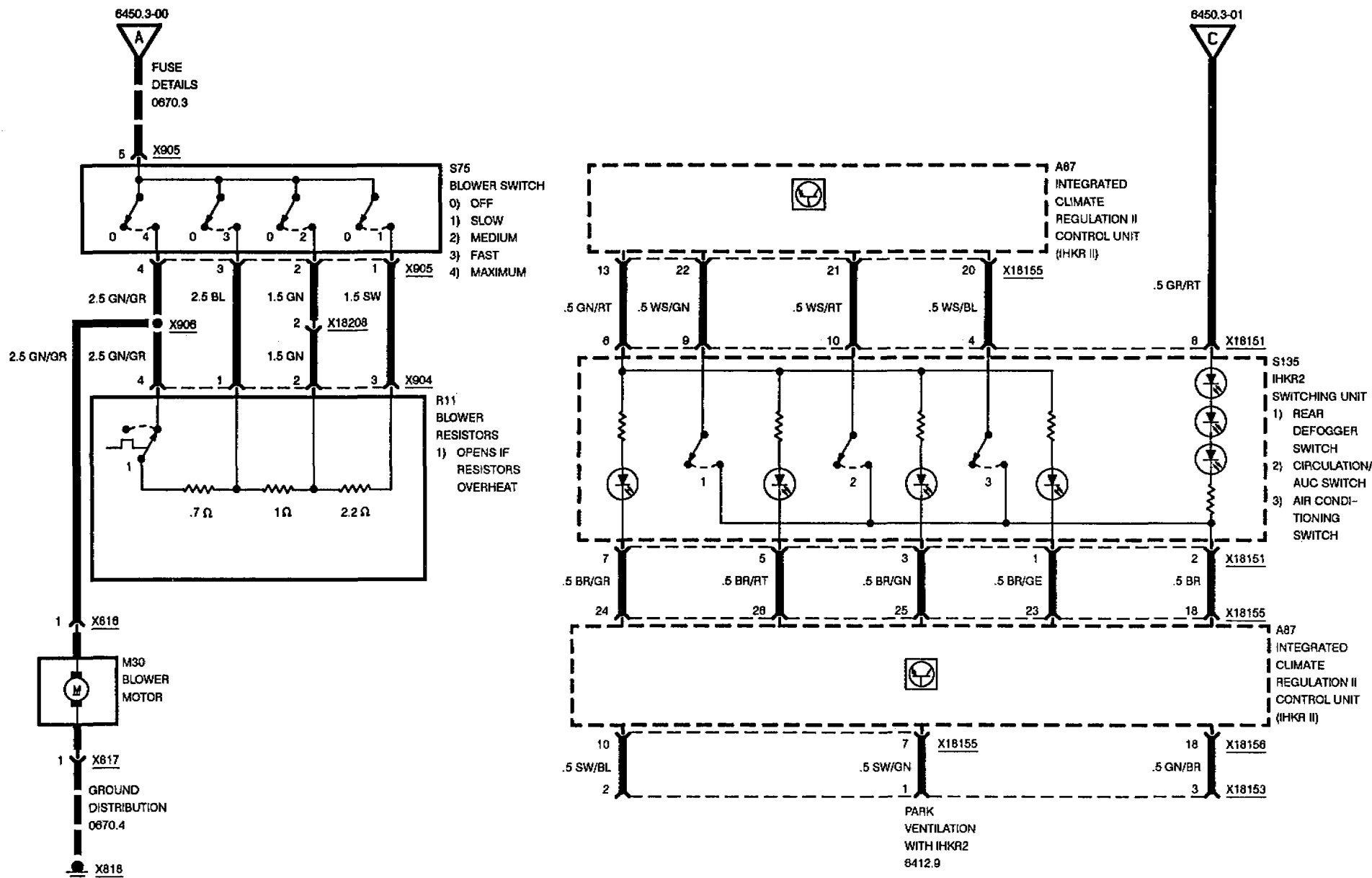


INTEGRATED CLIMATE REGULATION 2 (IHKR2)





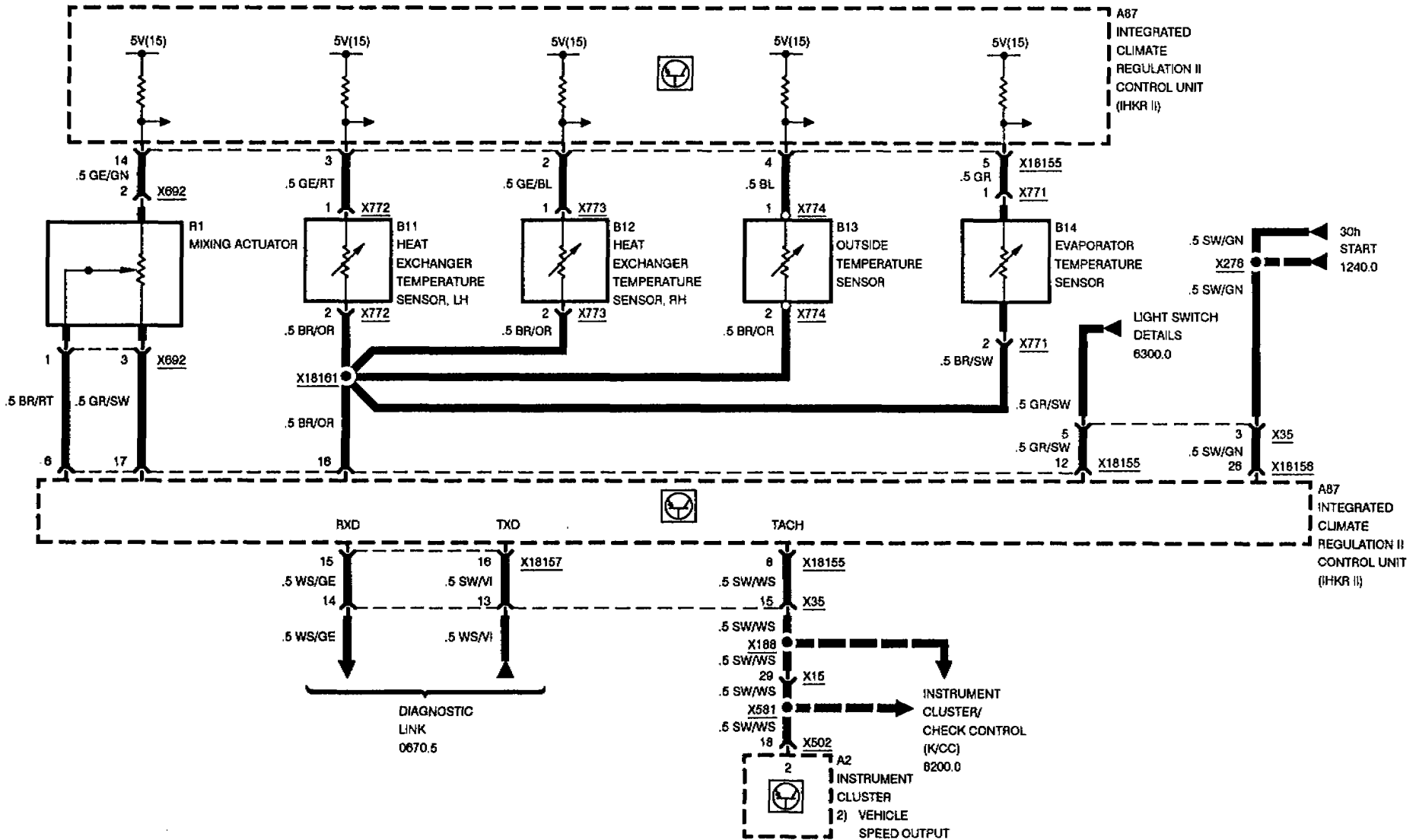
INTEGRATED CLIMATE REGULATION 2 (IHKR2)





INTEGRATED CLIMATE REGULATION 2 (IHKR2)

TEMPERATURE CONTROLS



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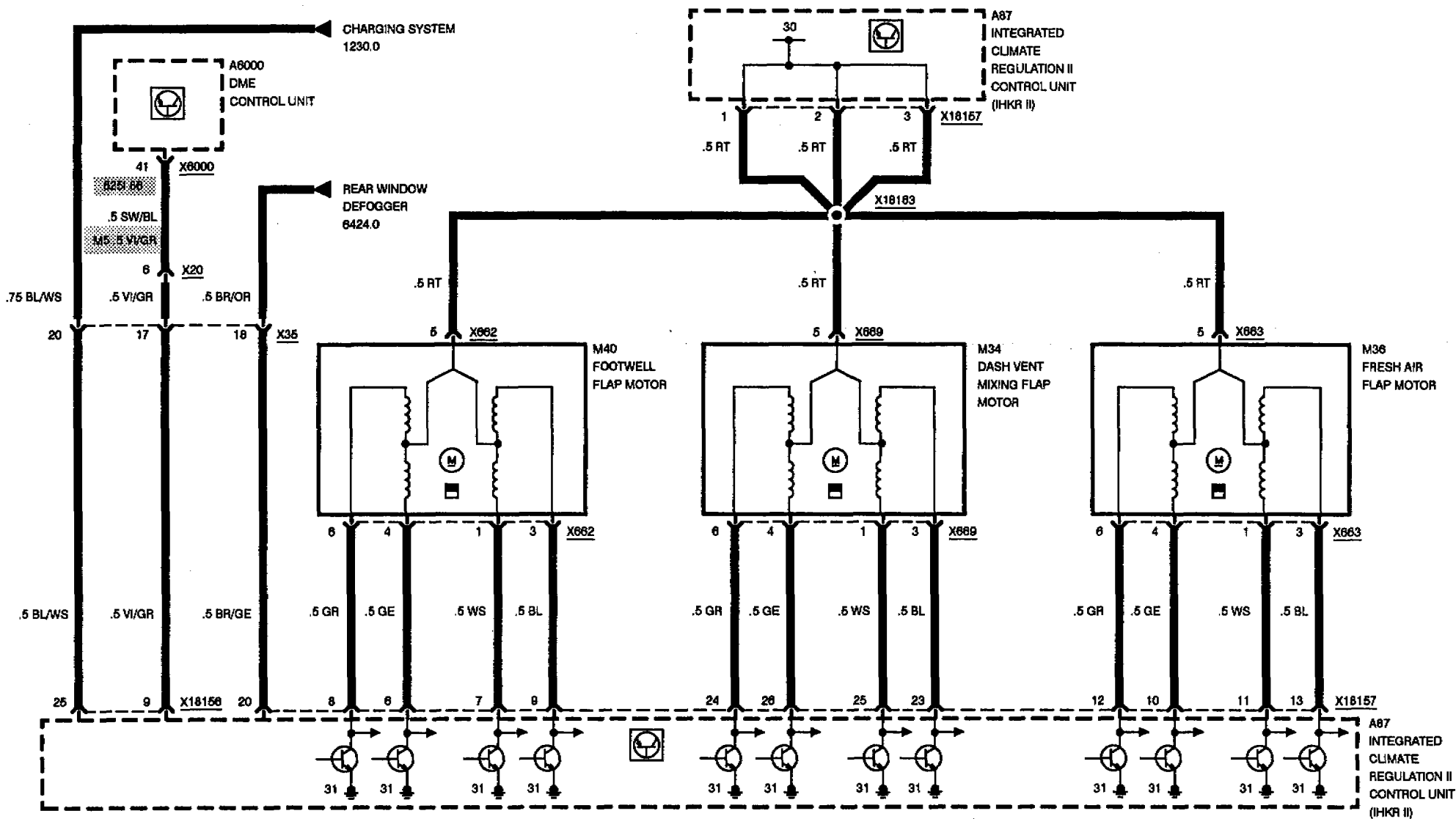
6450.3-03

1991



INTEGRATED CLIMATE REGULATION 2 (IHKR2)

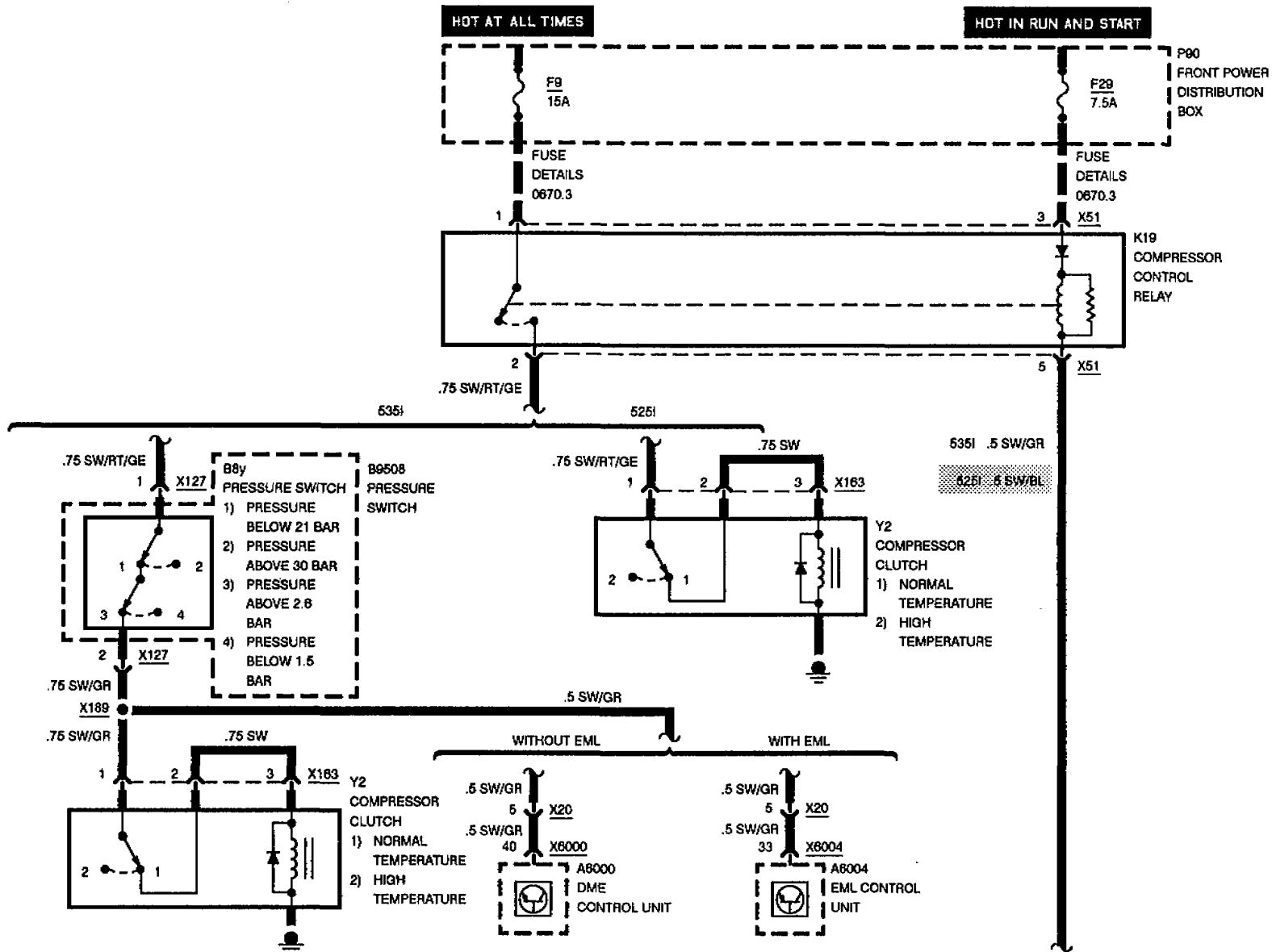
AIR DELIVERY

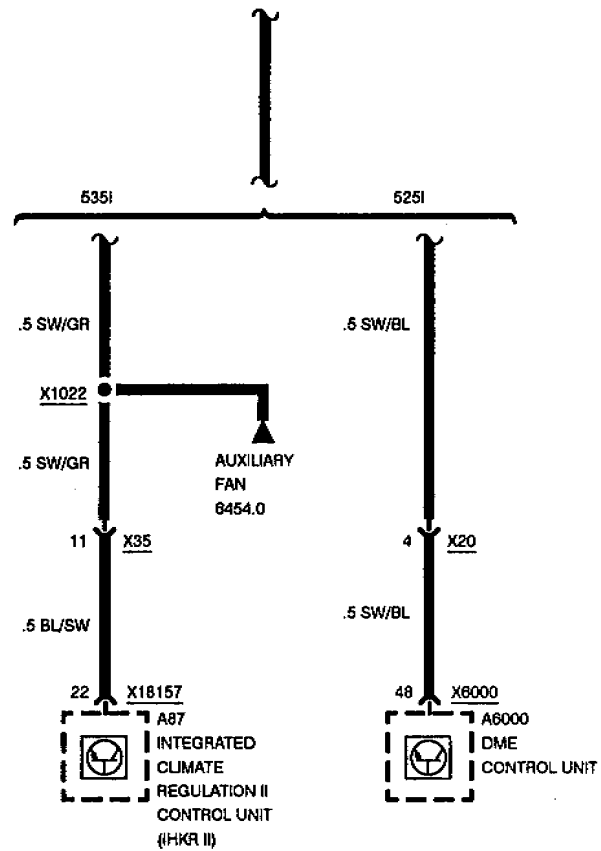
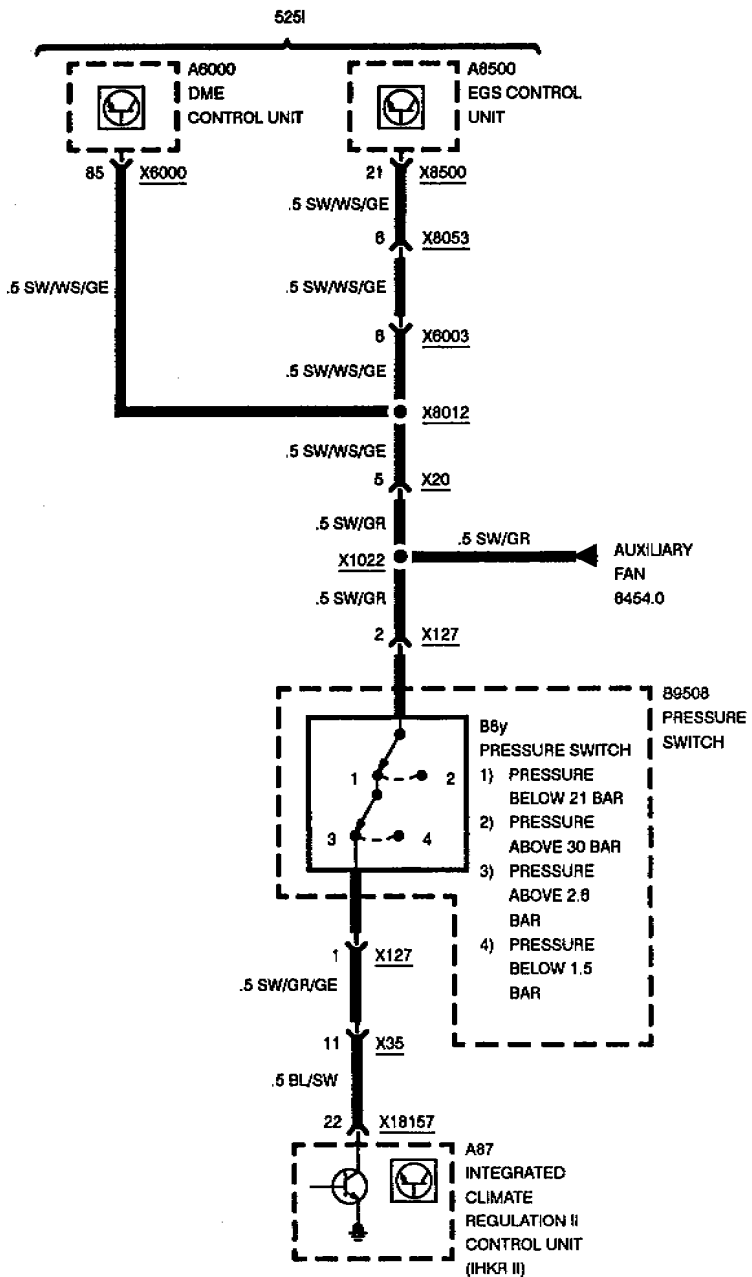




INTEGRATED CLIMATE REGULATION 2 (IHKR2)

COMPRESSOR CONTROL

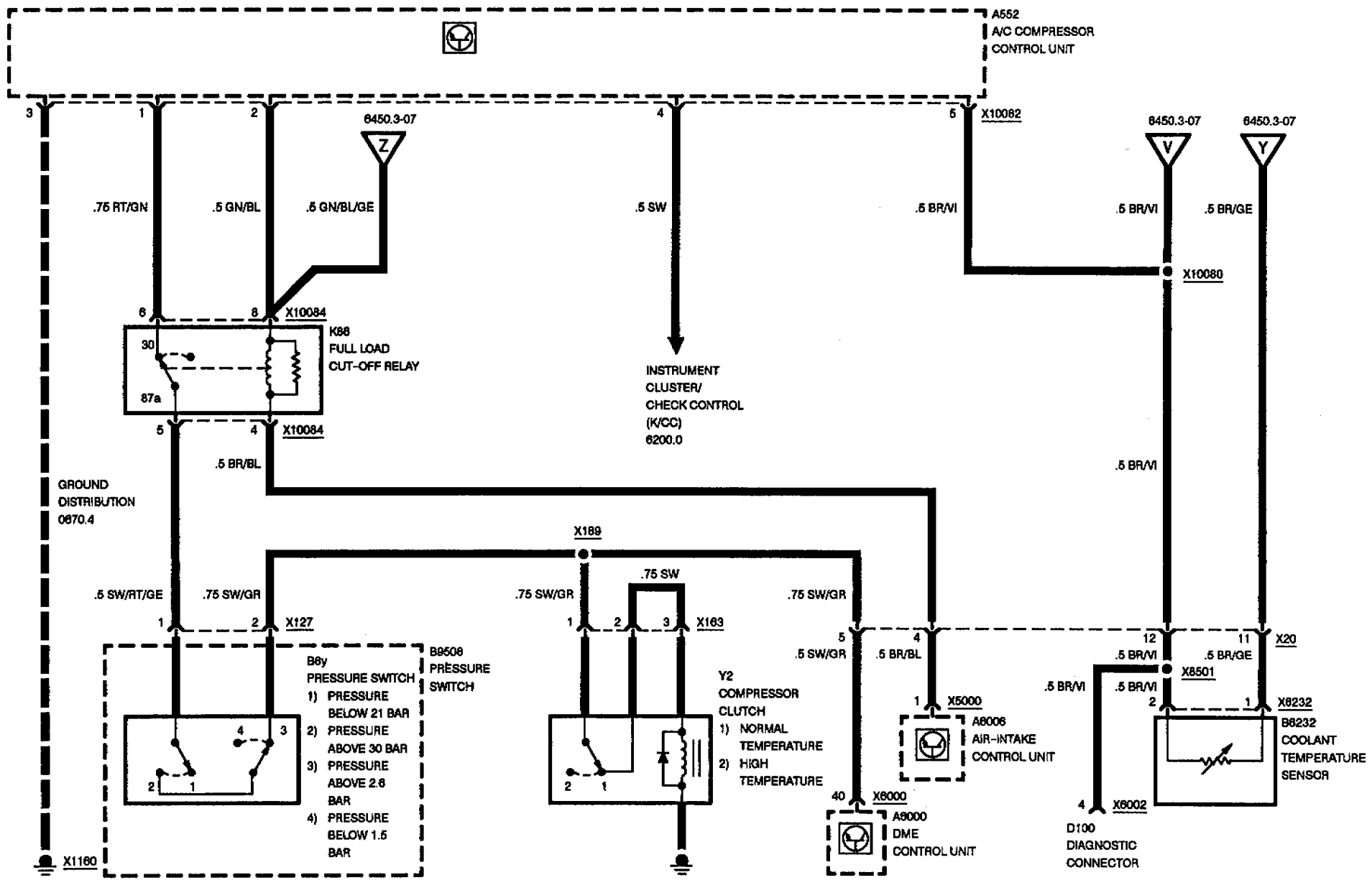






INTEGRATED CLIMATE REGULATION 2 (IHKR2)

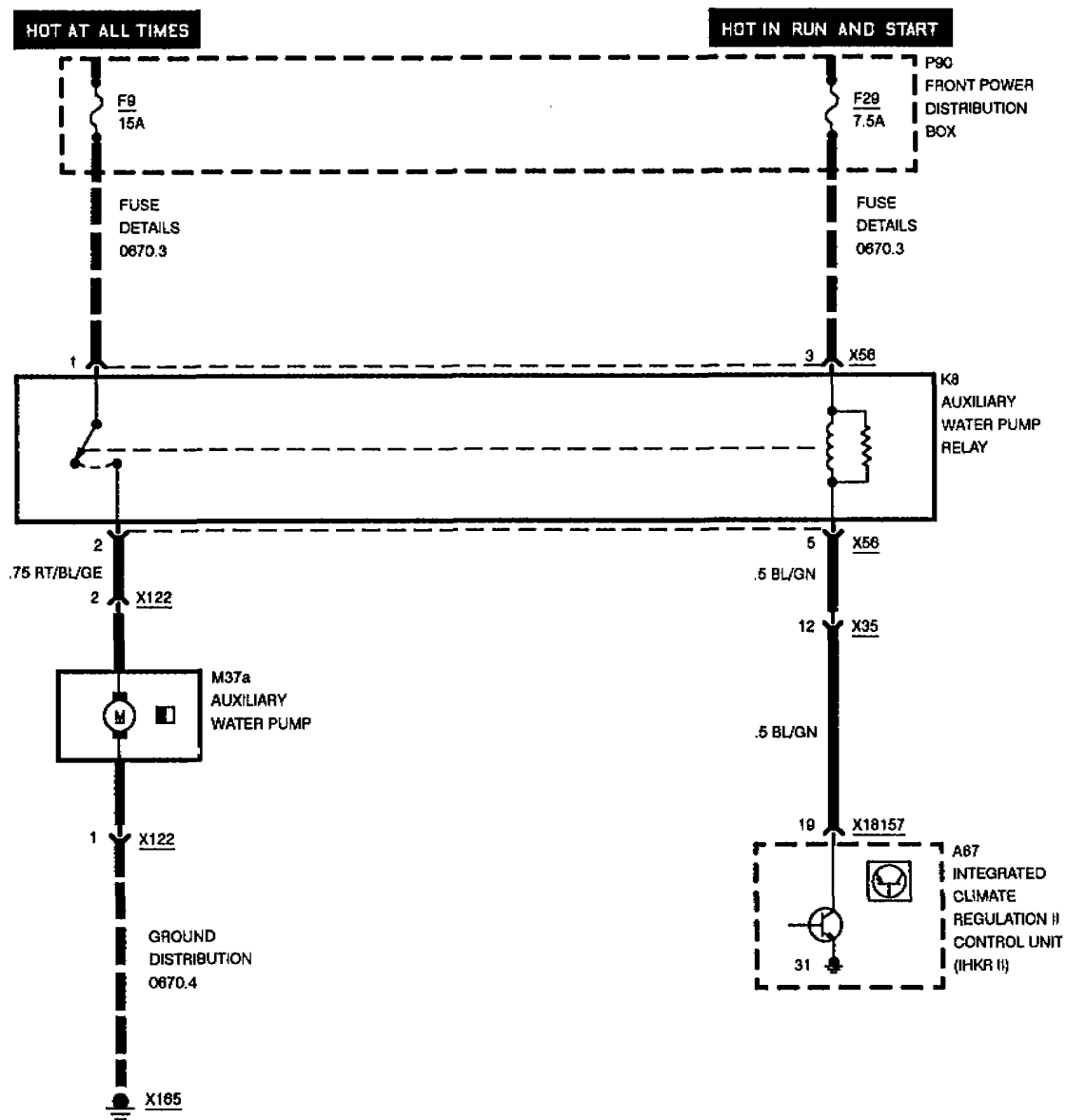
COMPRESSOR CONTROL FOR M5





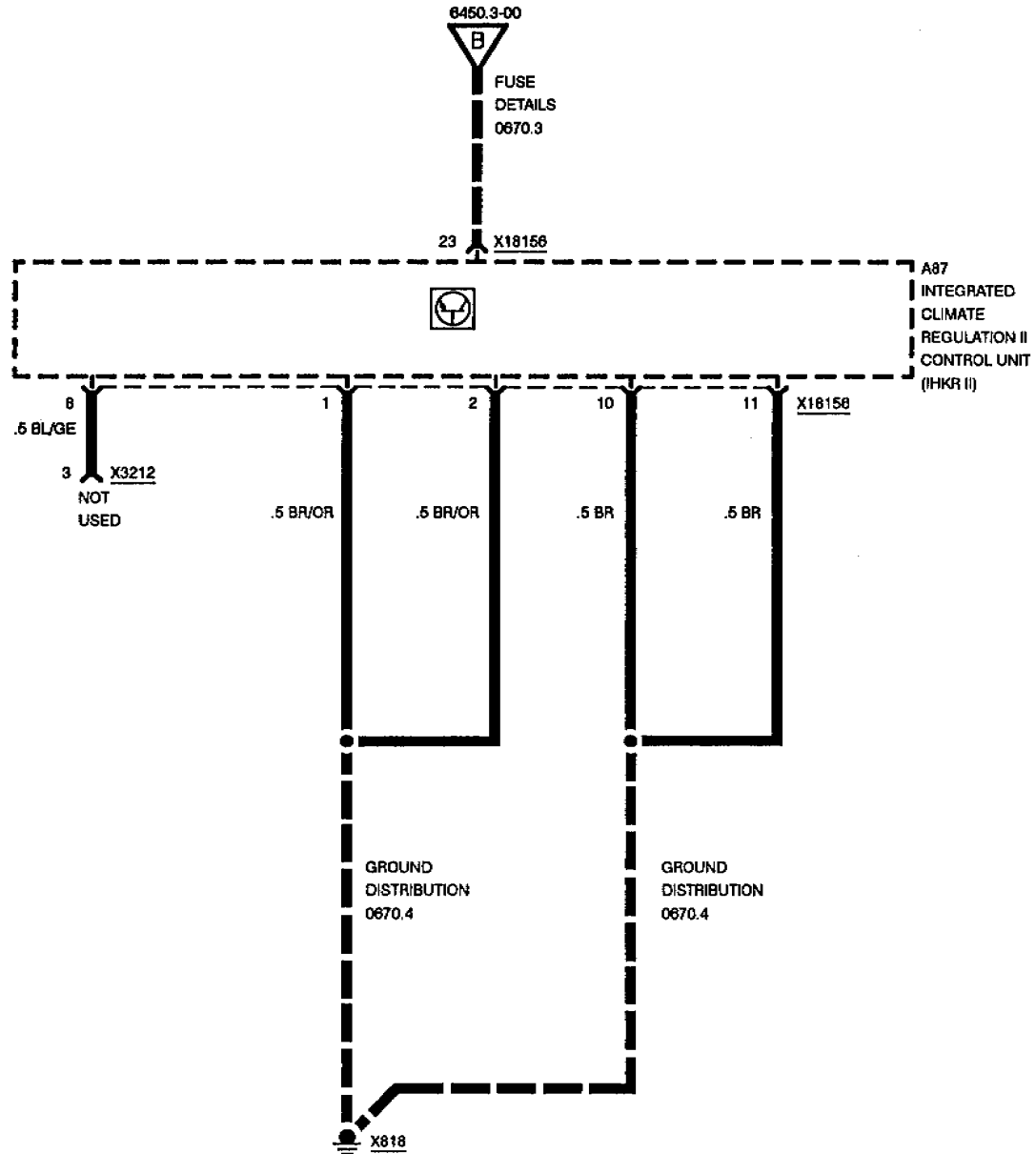
INTEGRATED CLIMATE REGULATION 2 (IHKR2)

AUXILIARY WATER PUMP

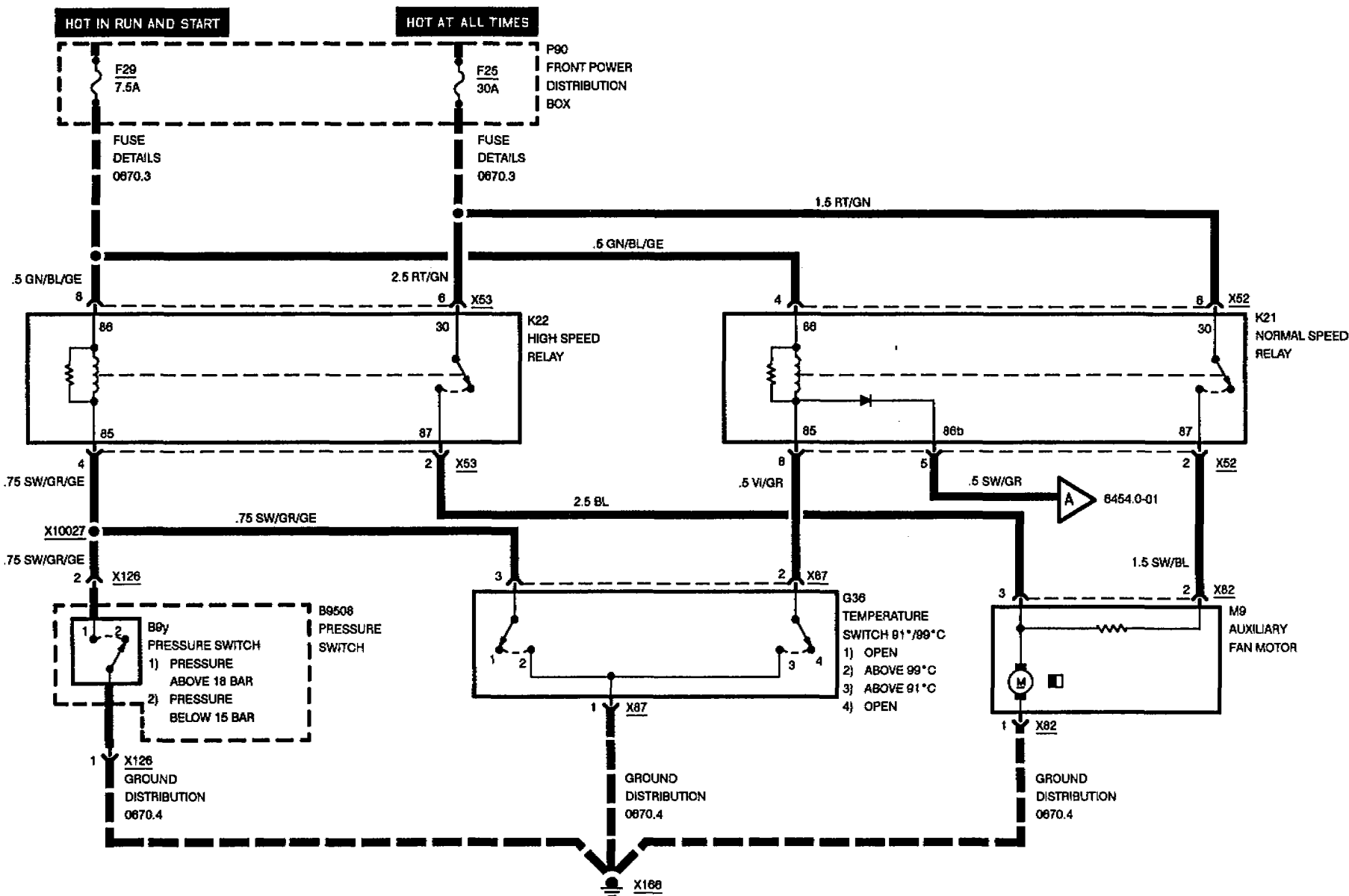




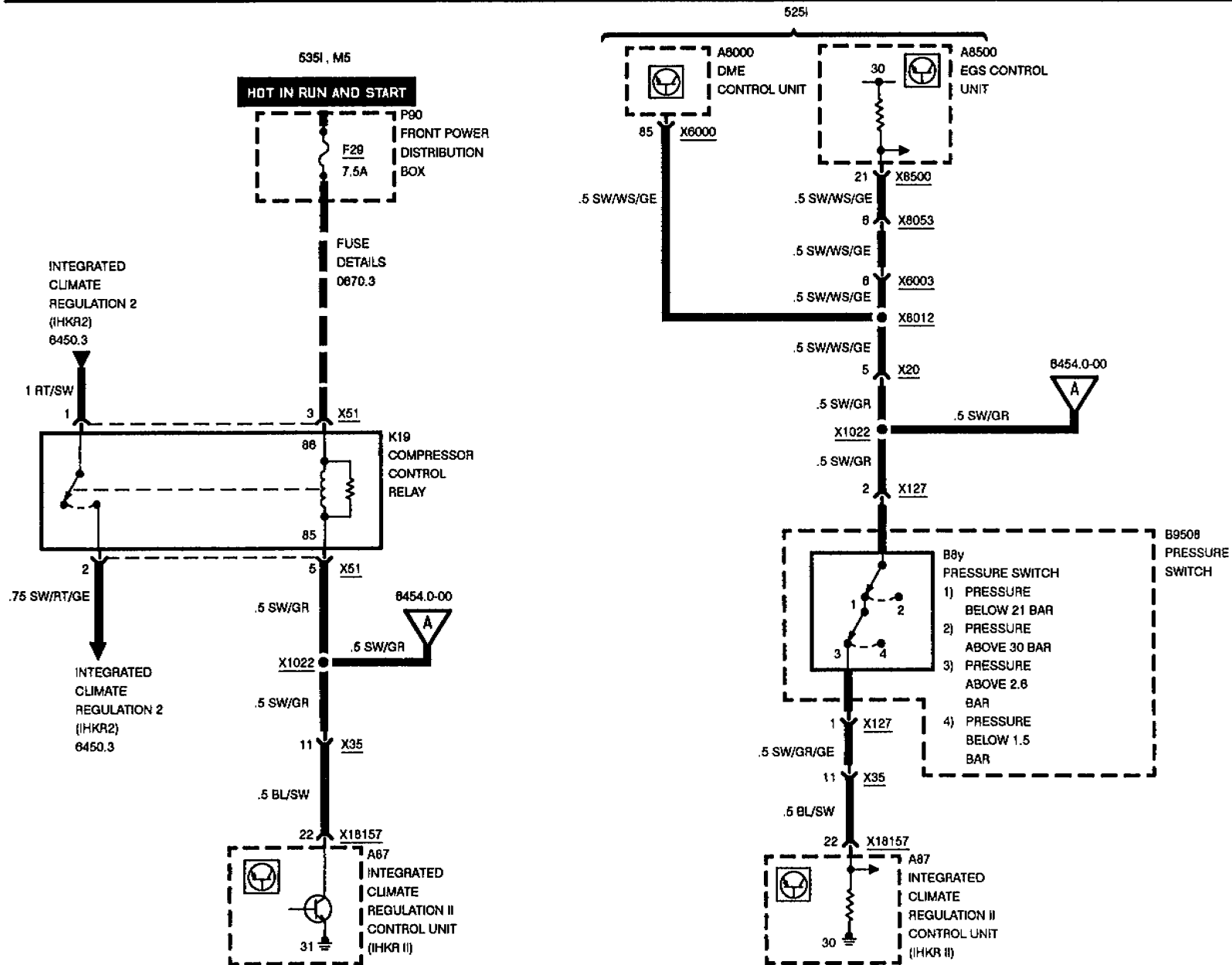
INTEGRATED CLIMATE REGULATION 2 (IHKR2)



AUXILIARY FAN



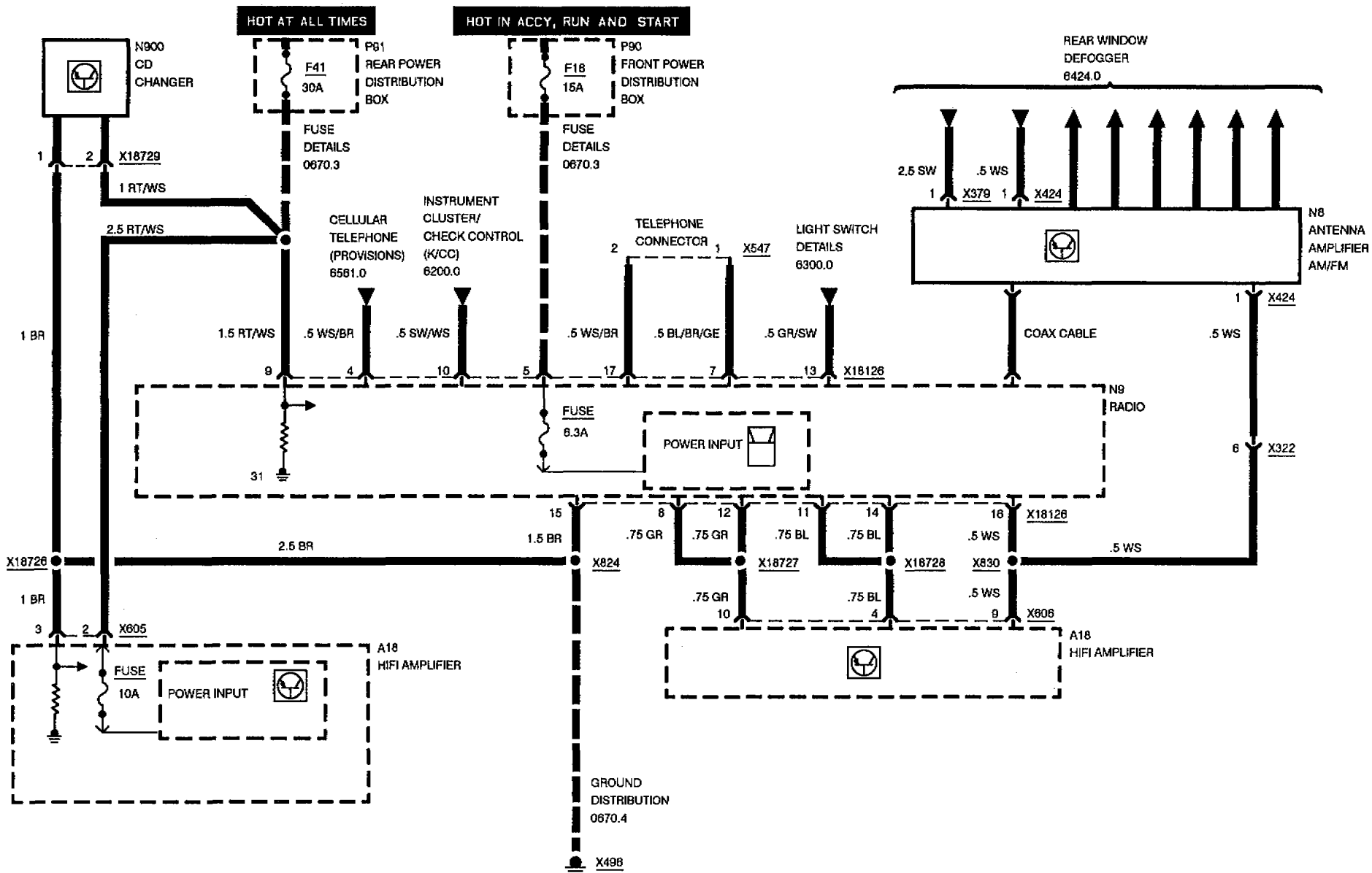
AUXILIARY FAN





RADIO/HIFI

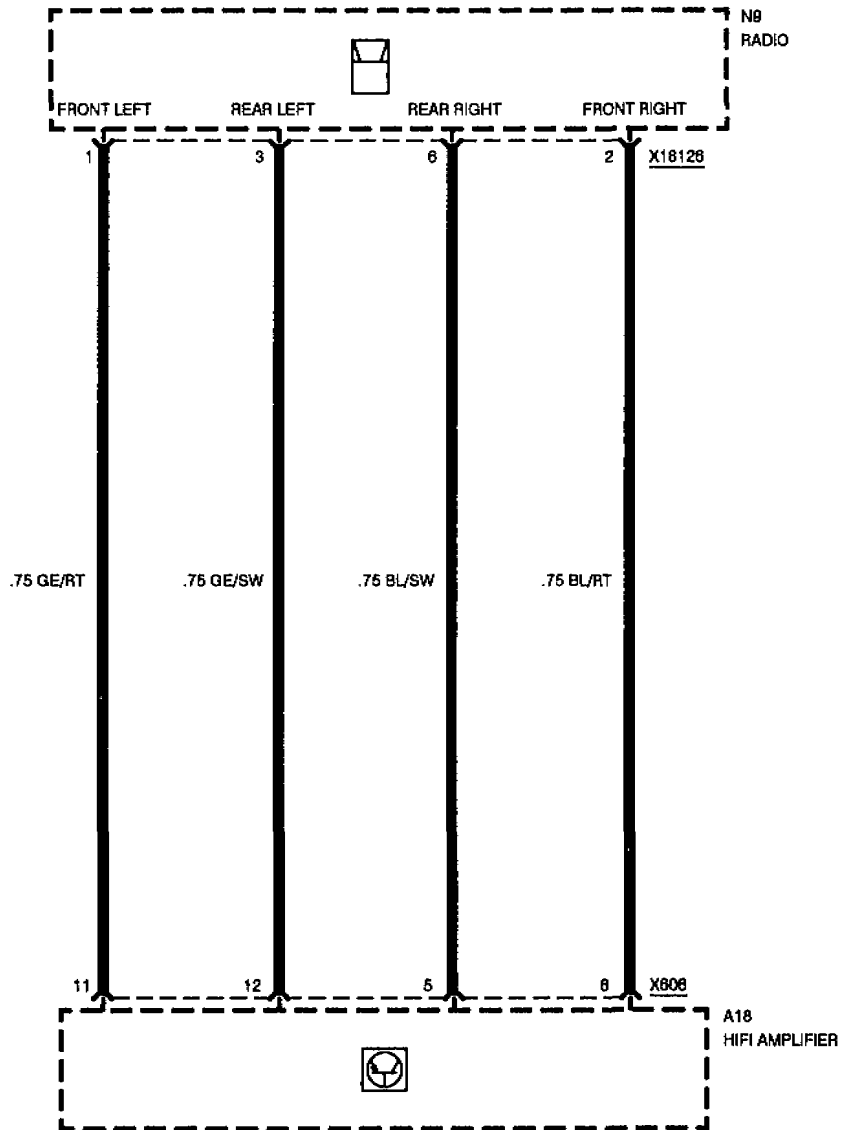
HIFI, 10-SPEAKER SYSTEM





RADIO/HIFI

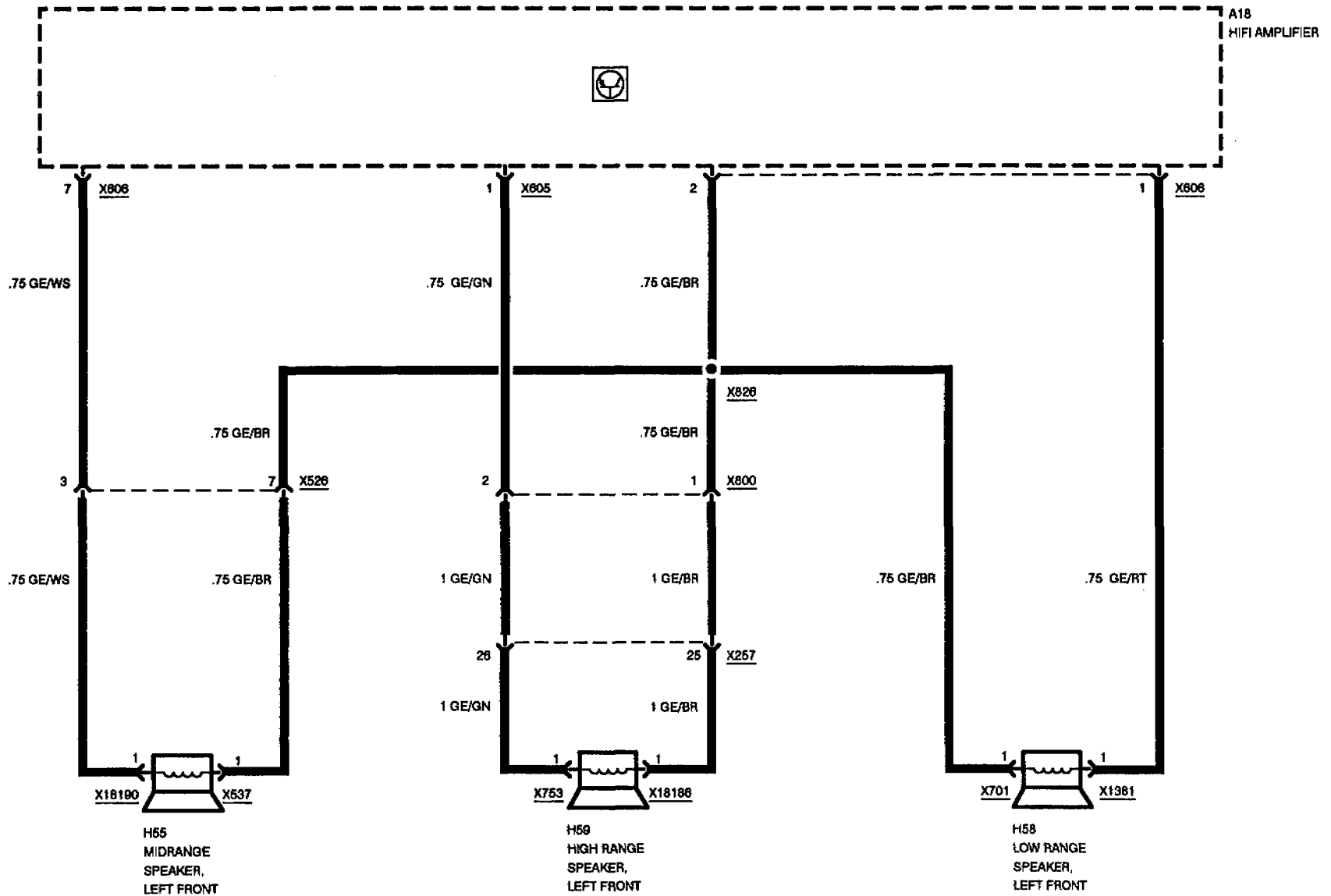
HIFI, 10-SPEAKER SYSTEM





RADIO/HIFI

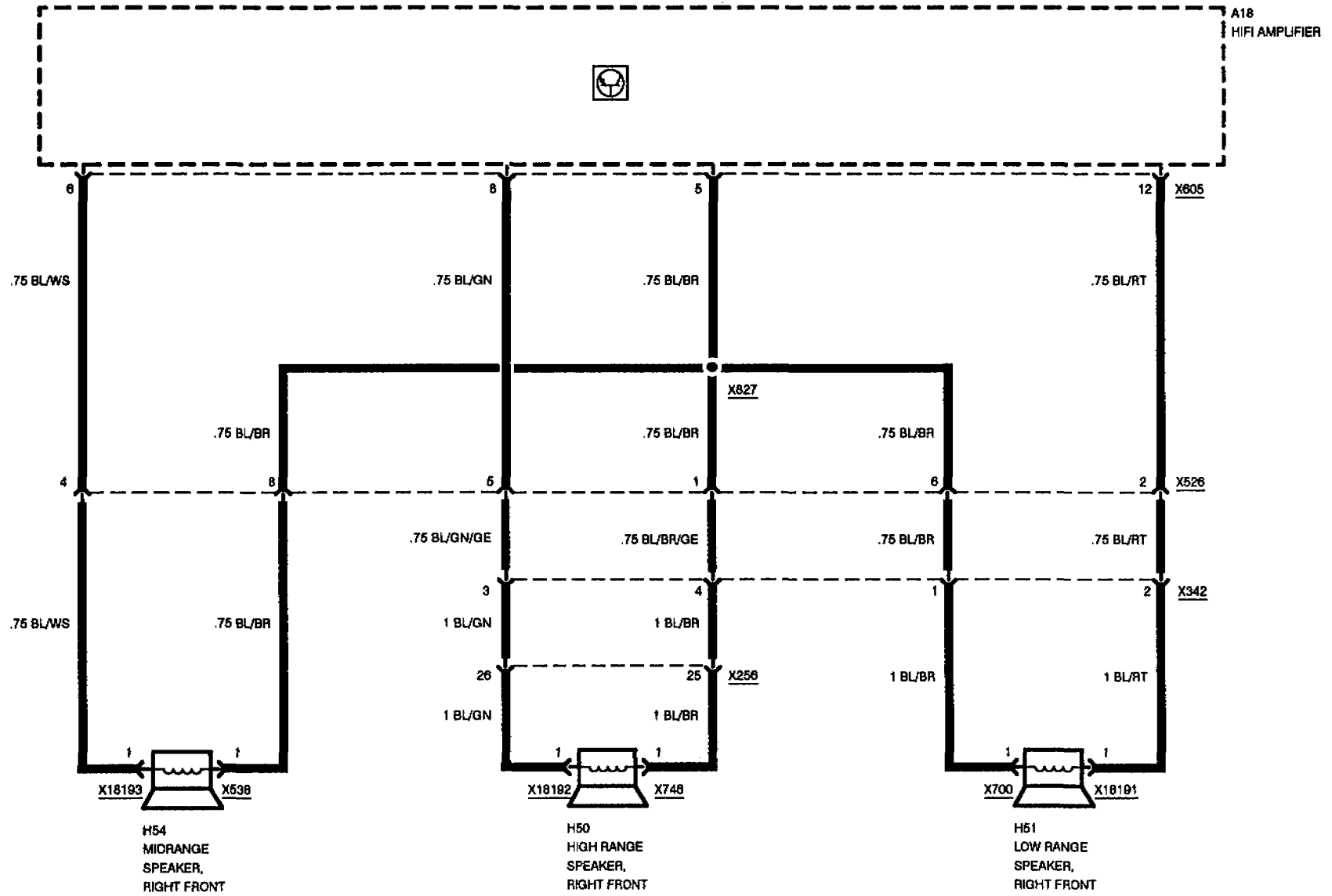
HIFI, 10-SPEAKER SYSTEM





RADIO/HIFI

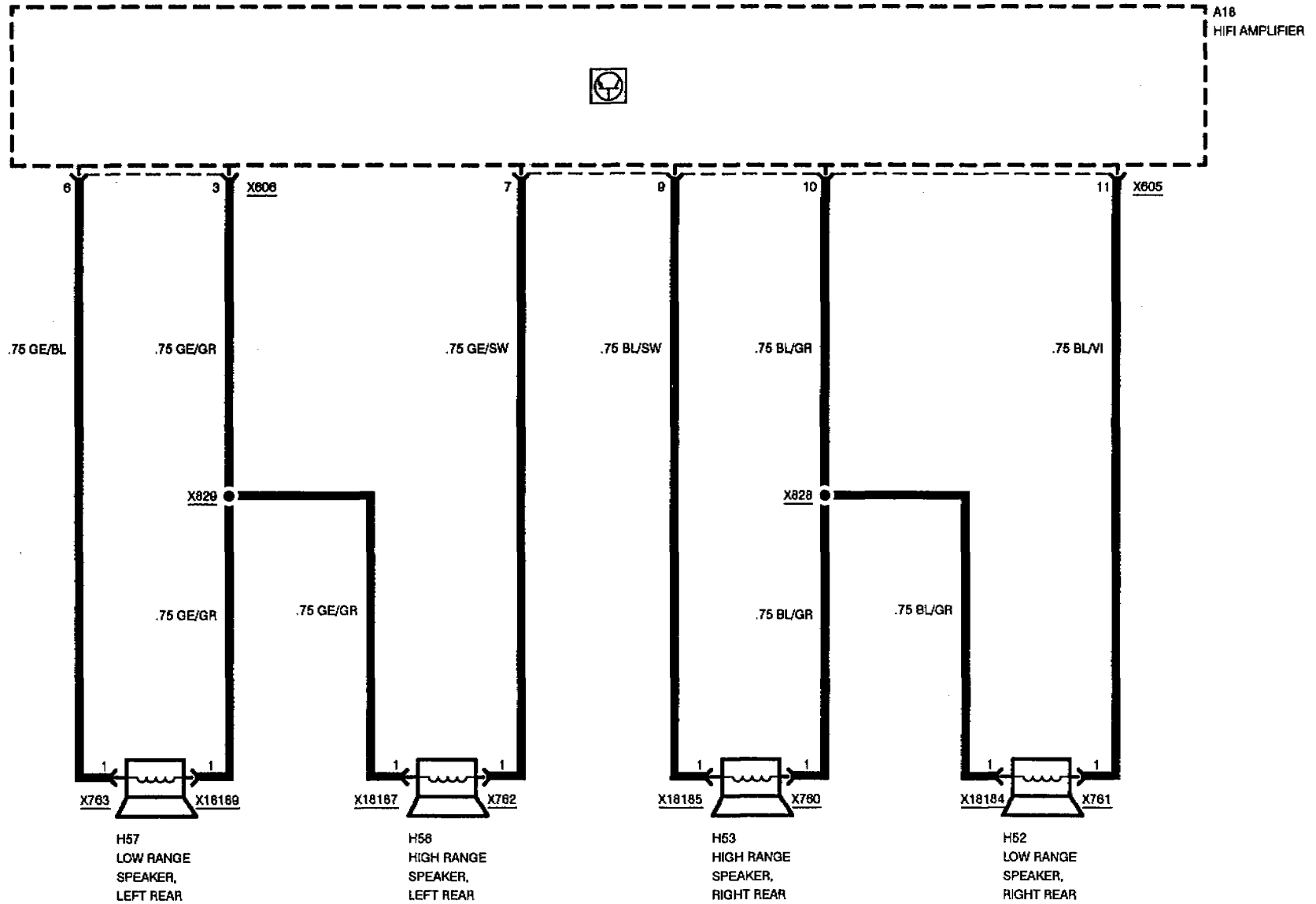
HIFI, 10-SPEAKER SYSTEM

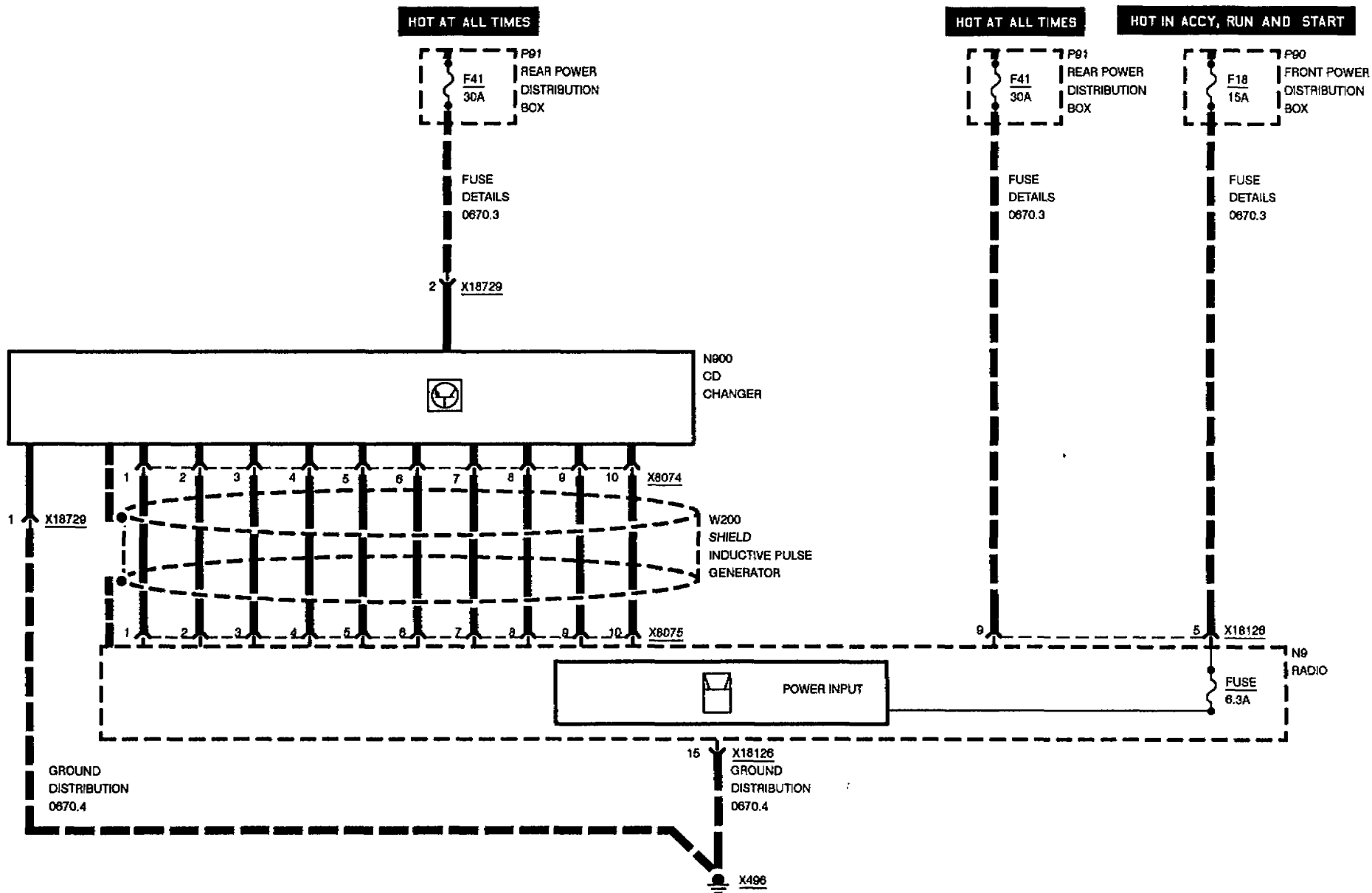




RADIO/HIFI

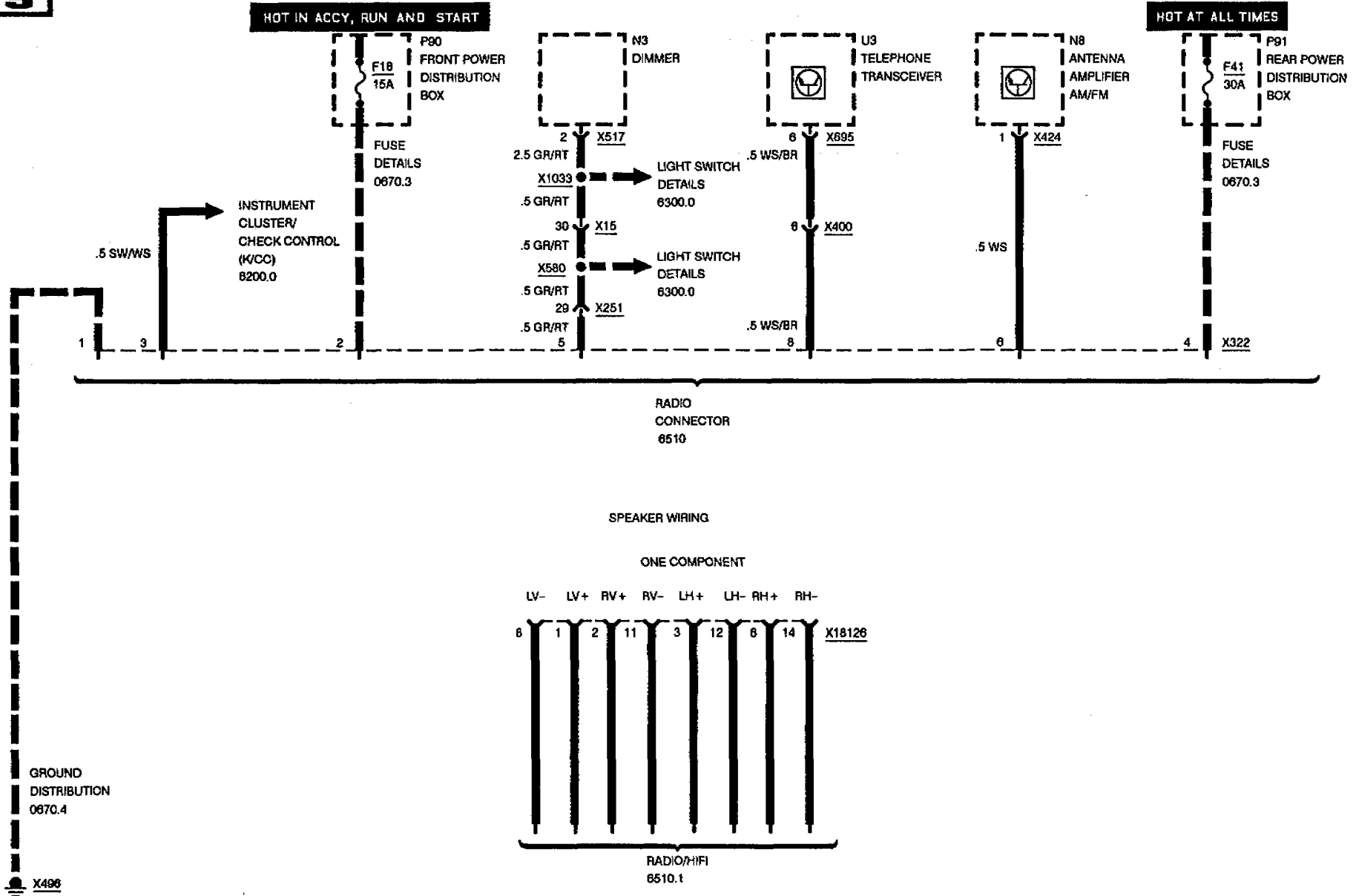
HIFI, 10-SPEAKER SYSTEM





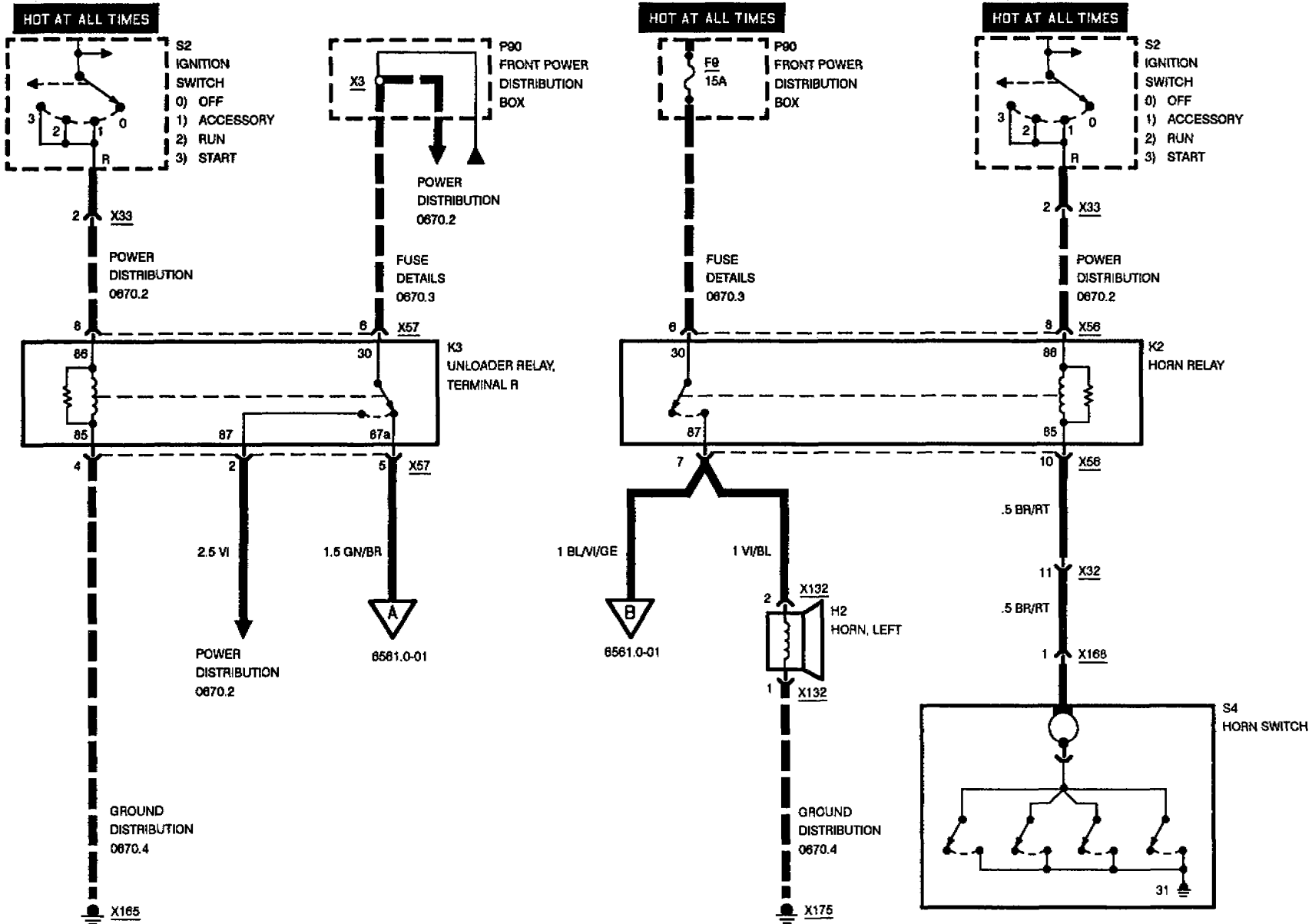


RADIO PROVISIONS





CELLULAR TELEPHONE (PROVISIONS)

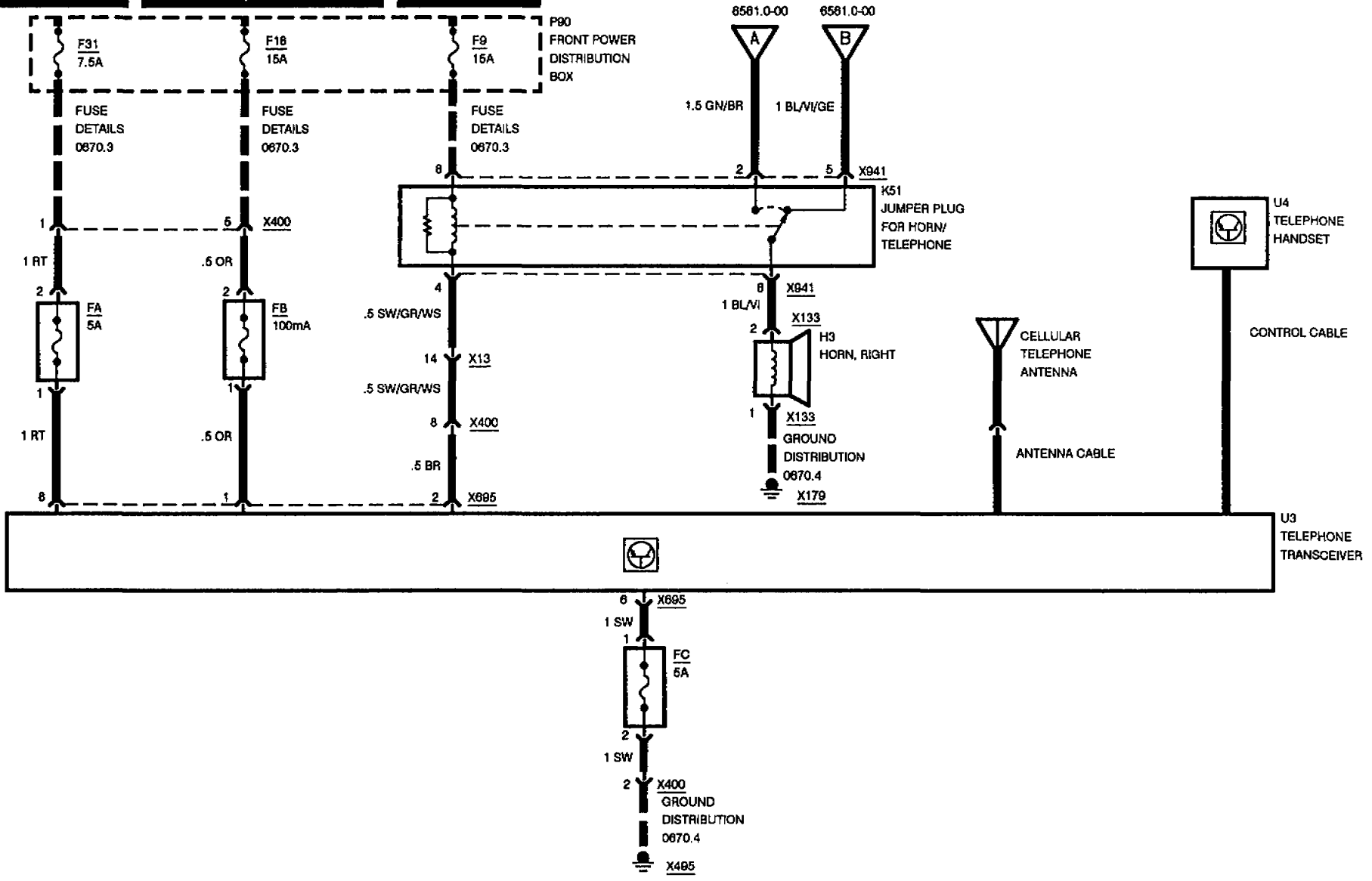


CELLULAR TELEPHONE (PROVISIONS)

HOT AT ALL TIMES

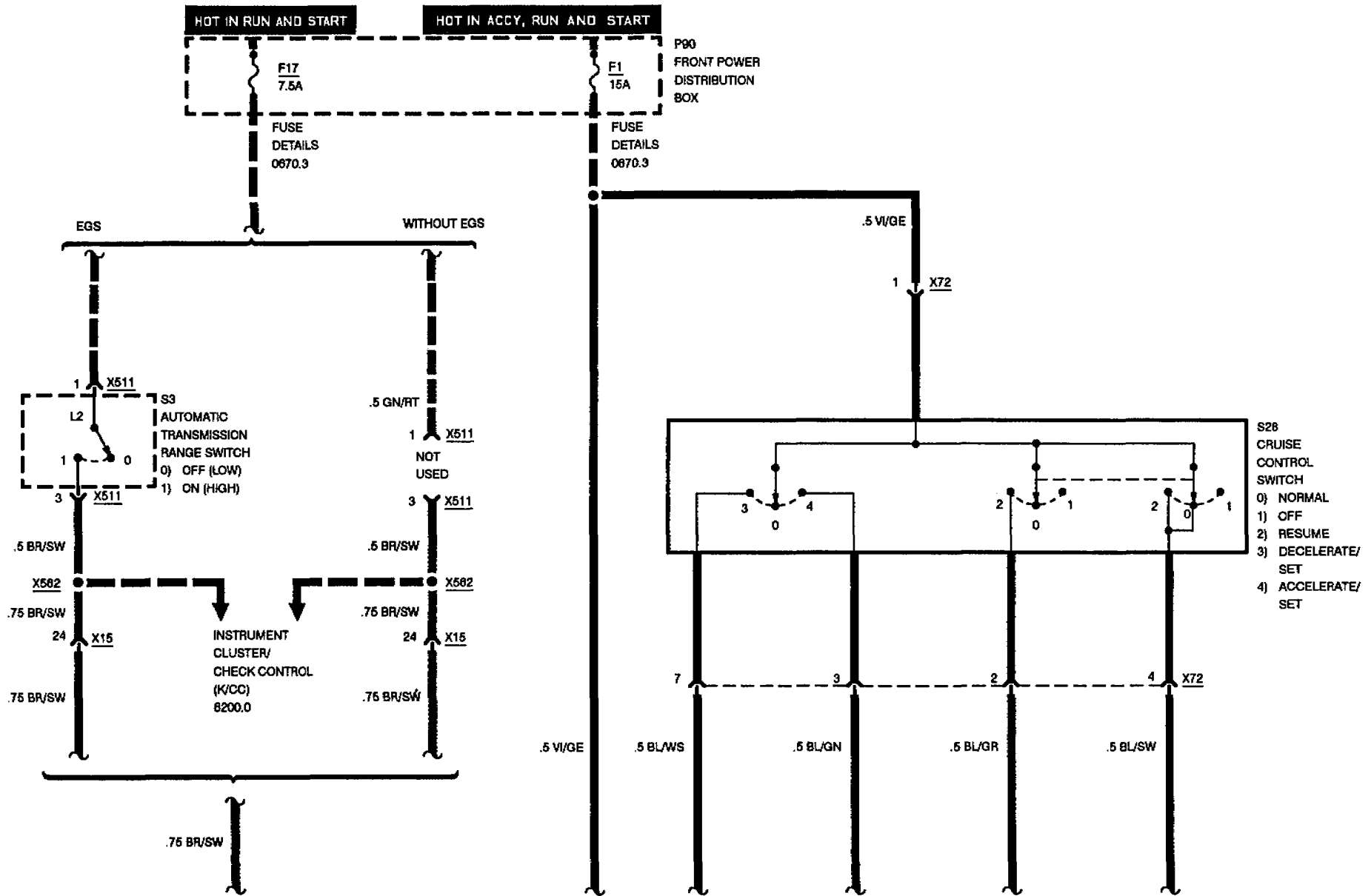
HOT IN ACCY, RUN AND START

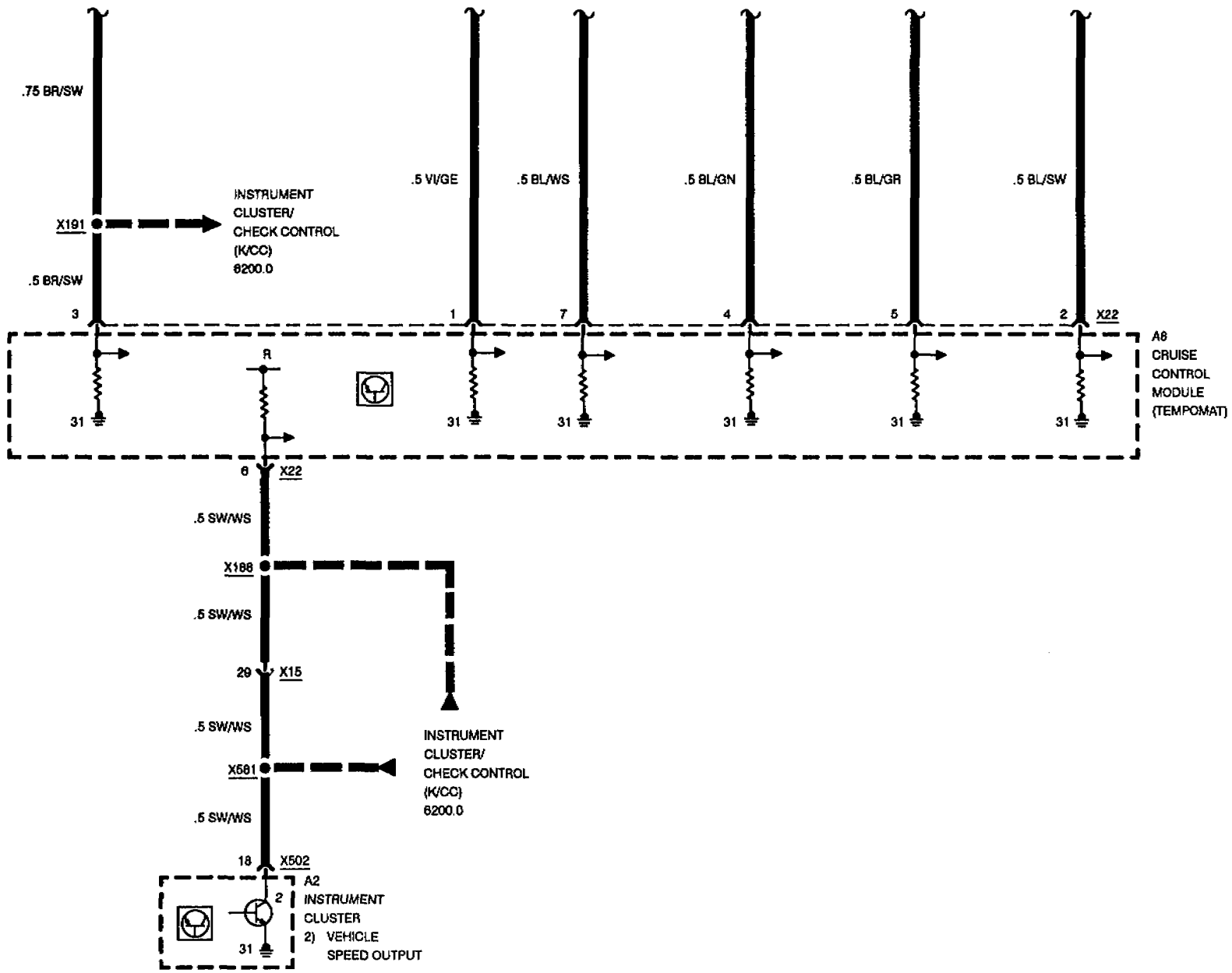
HOT AT ALL TIMES



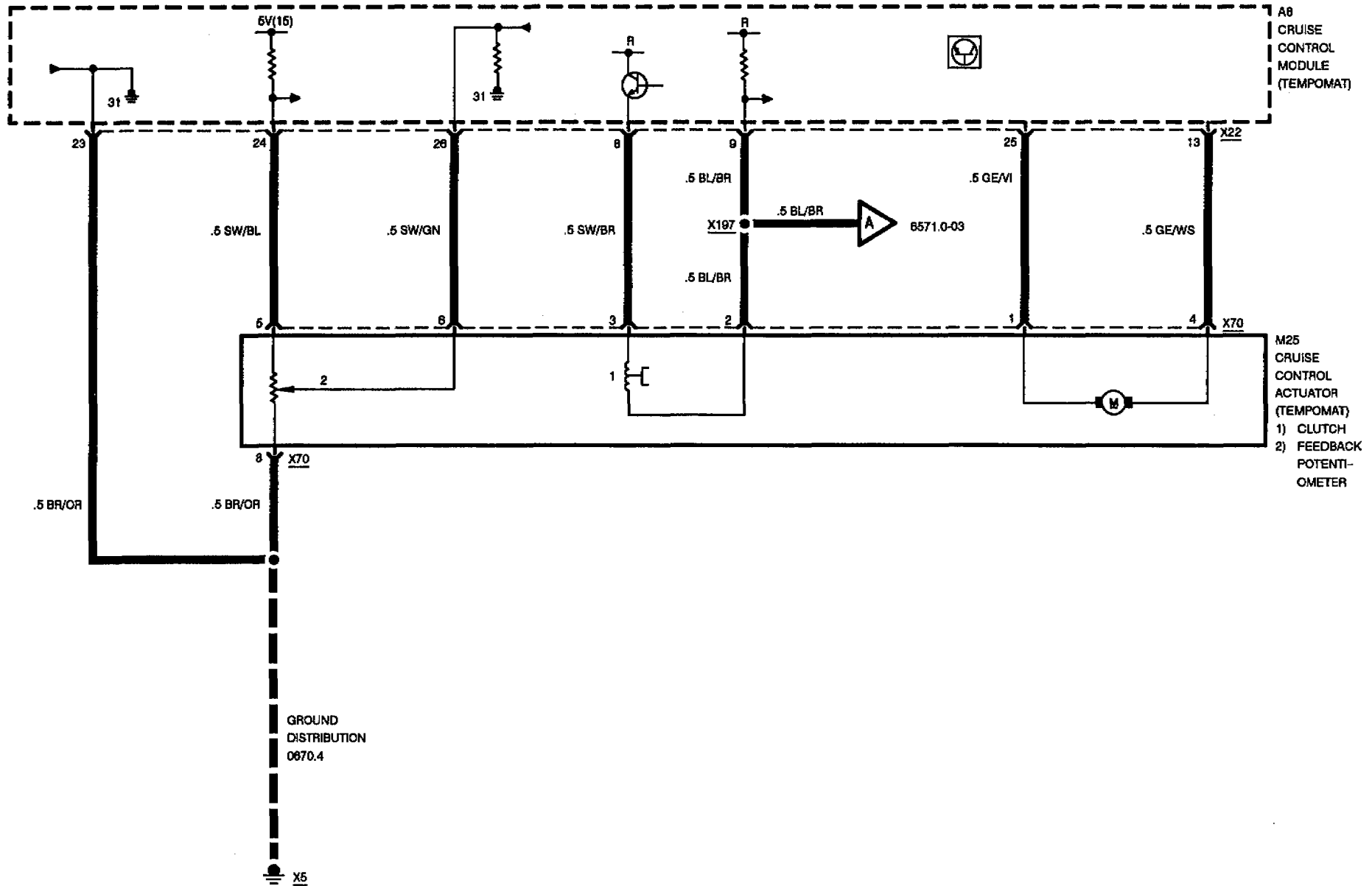


CRUISE CONTROL (TEMPOMAT)

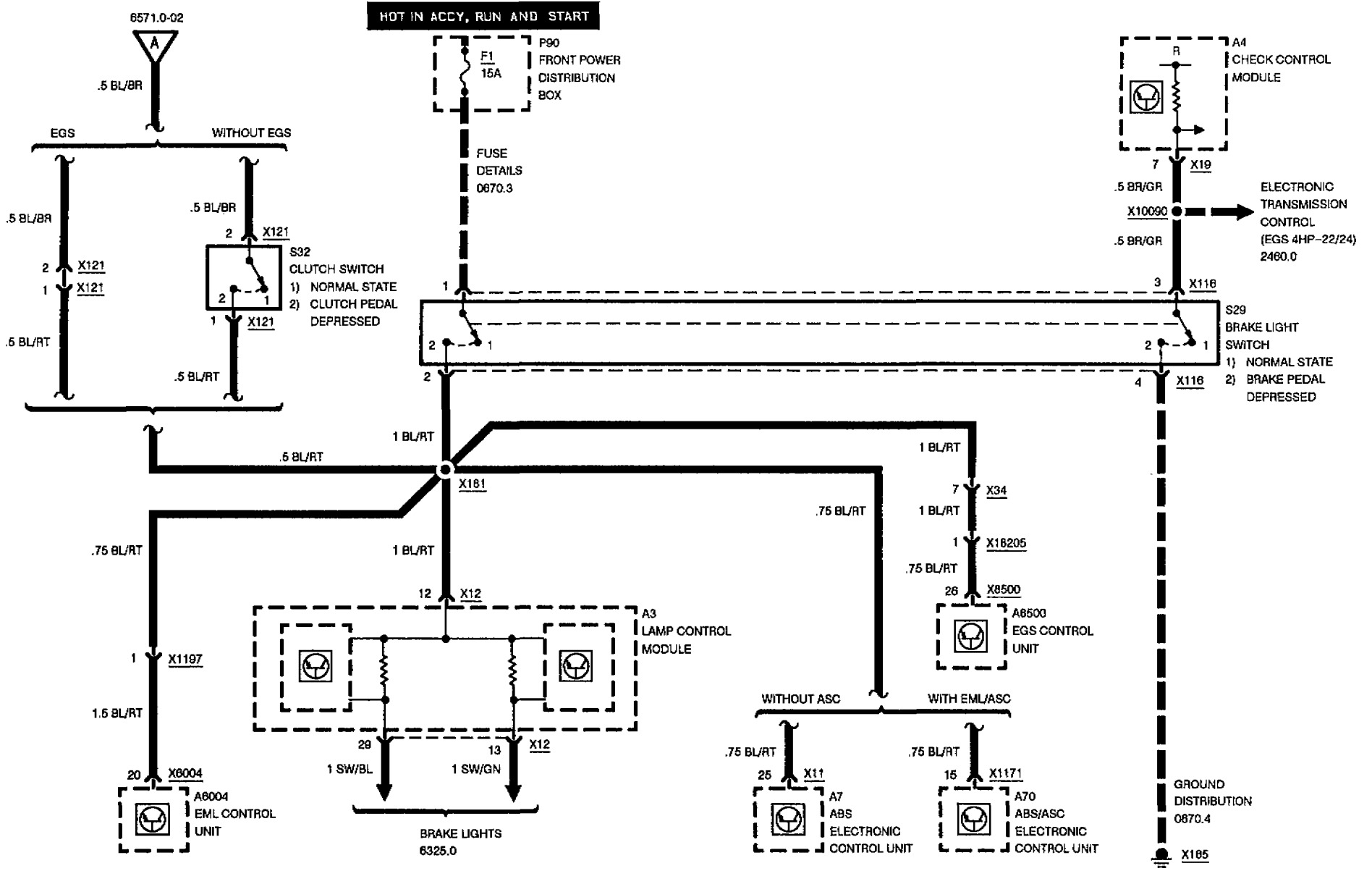




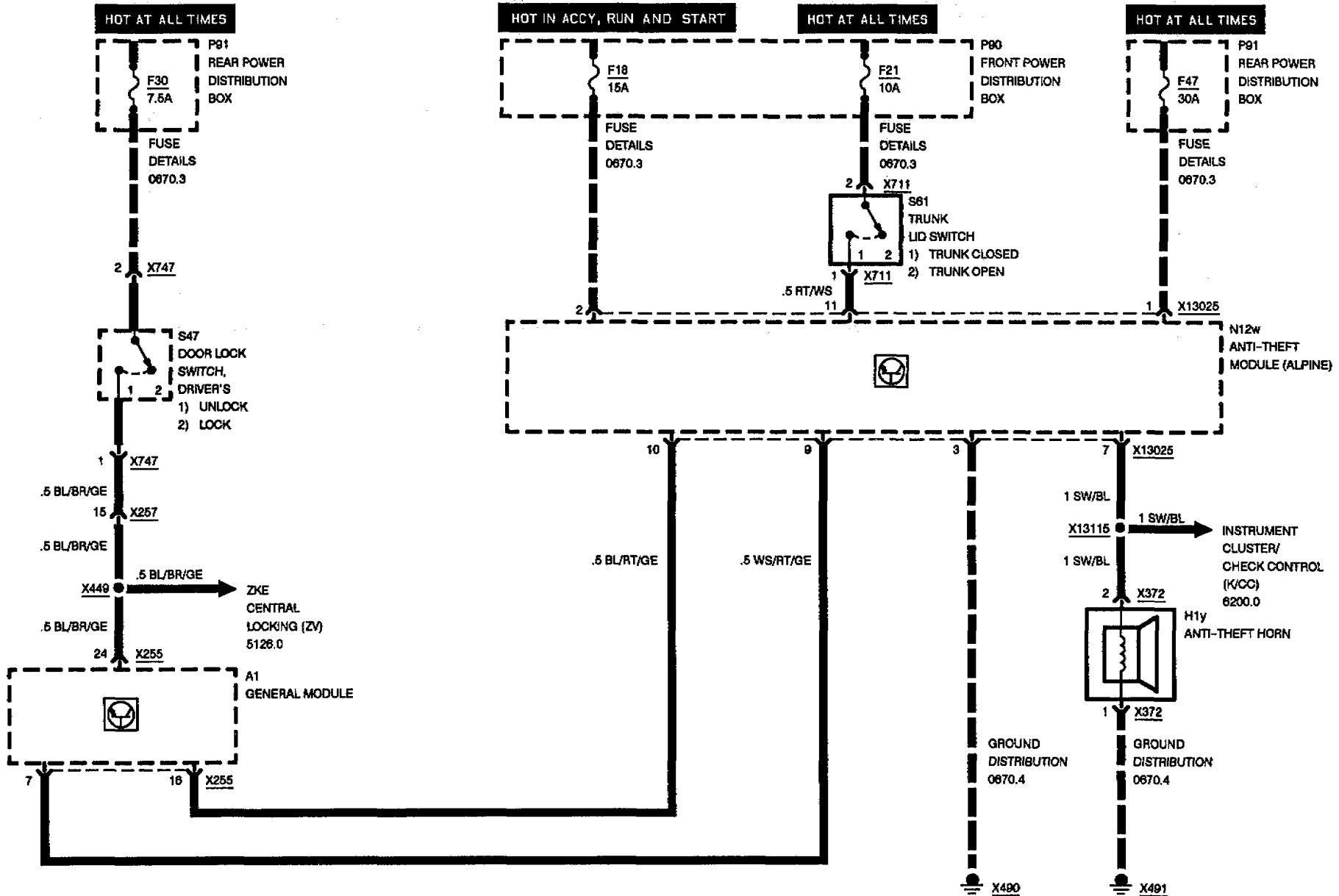
CRUISE CONTROL (TEMPOMAT)



CRUISE CONTROL (TEMPOMAT)



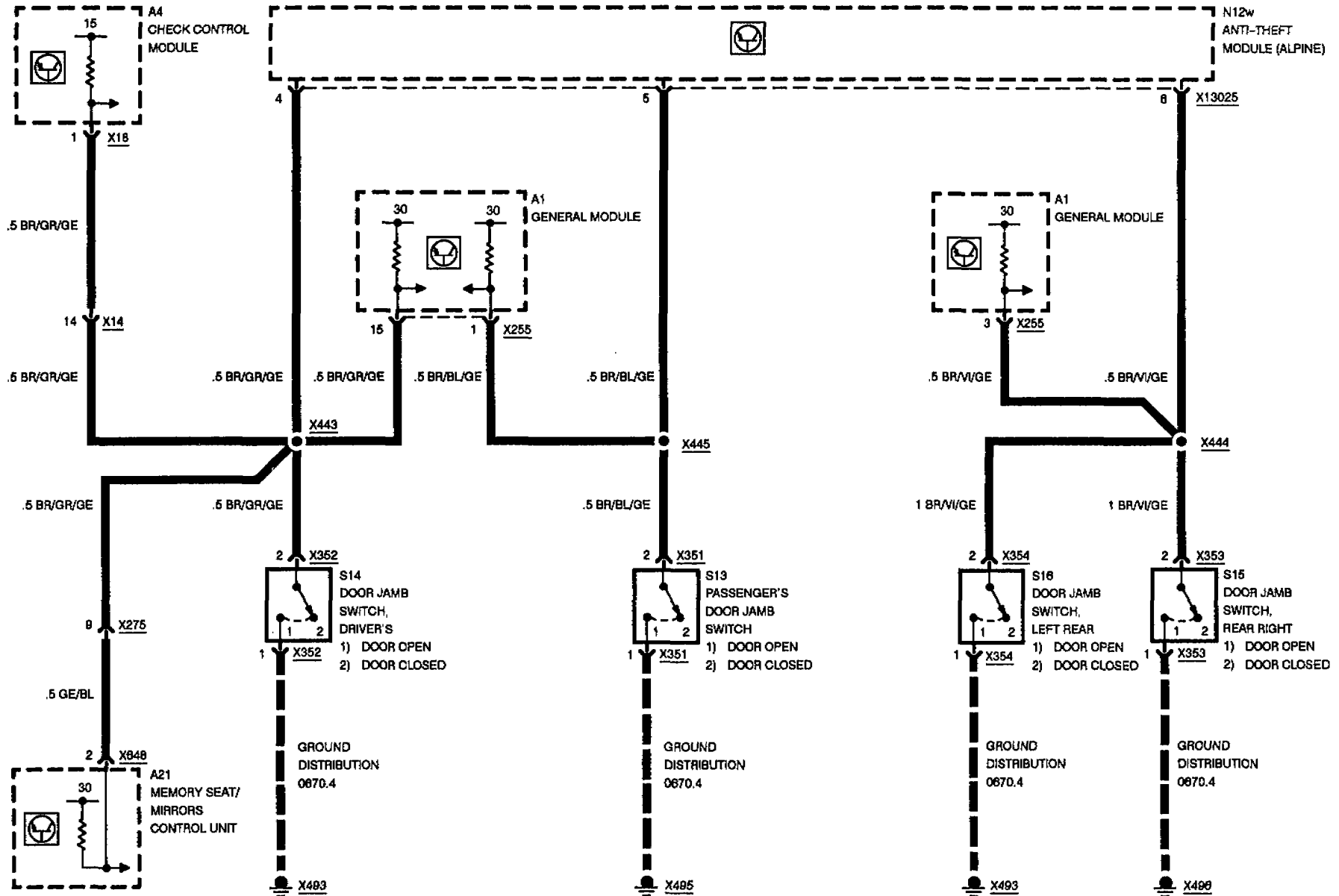
ANTITHEFT SYSTEM (ALPINE)





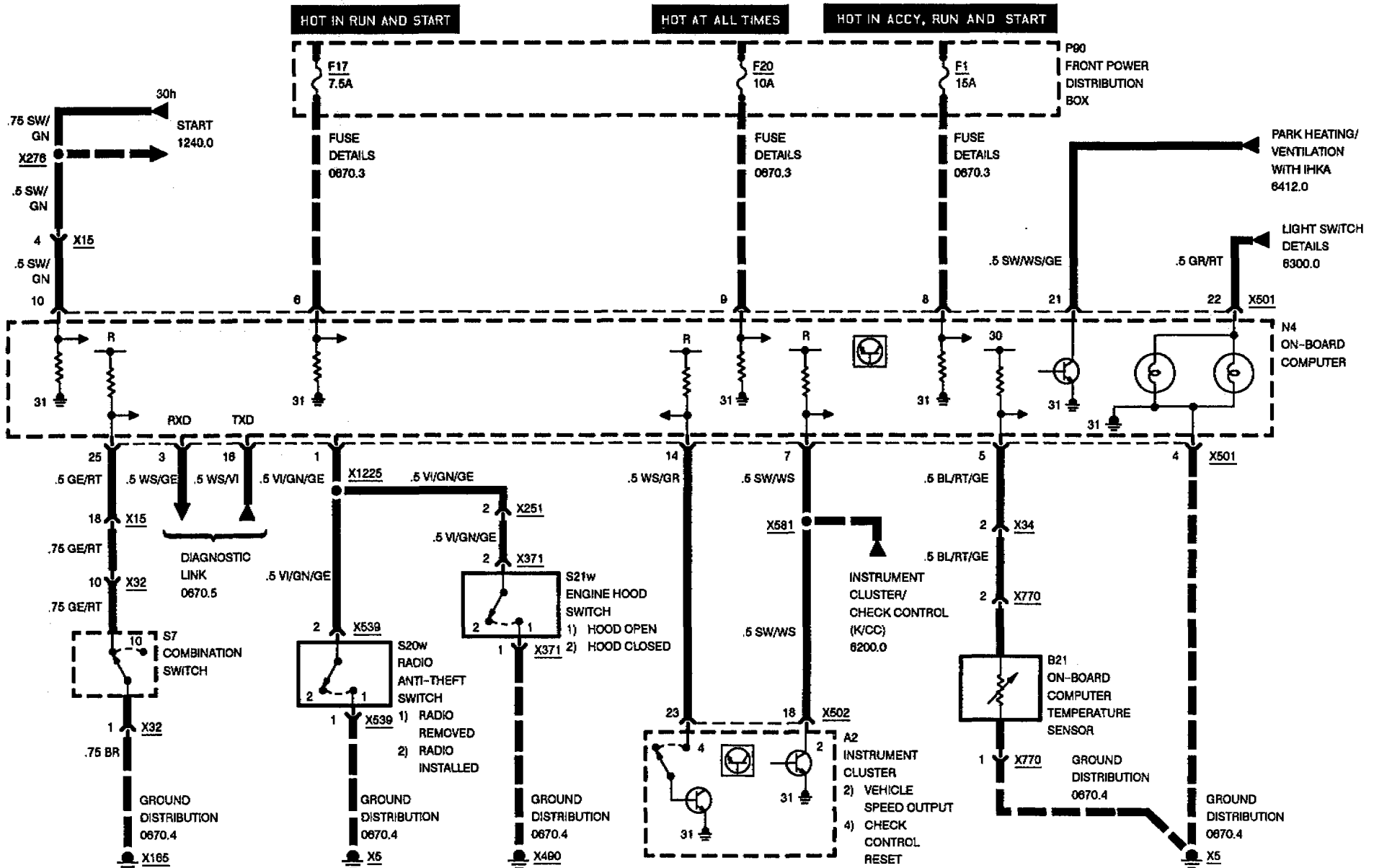
ANTITHEFT SYSTEM (ALPINE)

FRONT AND REAR DOOR JAMB SWITCHES



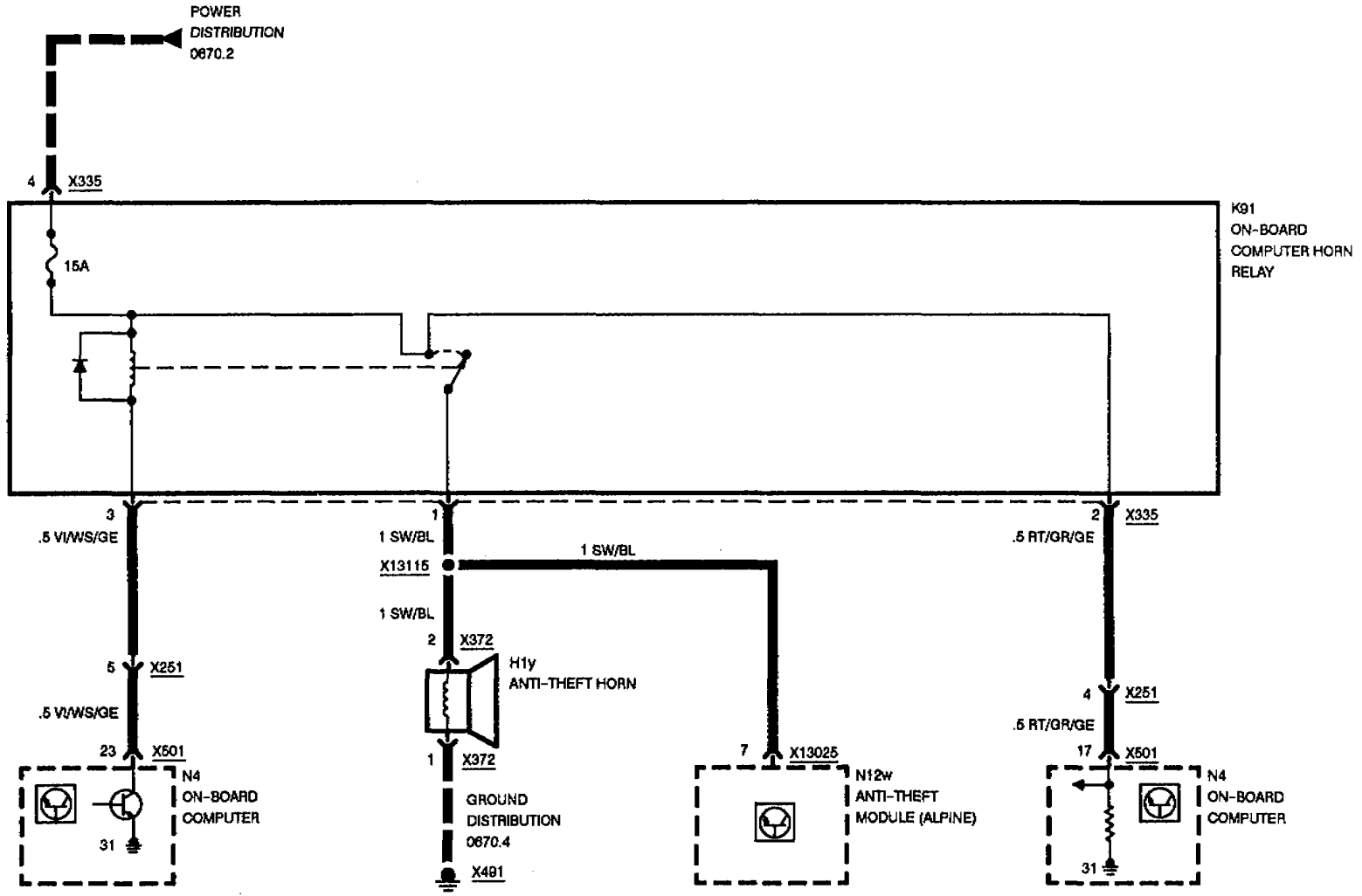


ON-BOARD COMPUTER (BCIV)





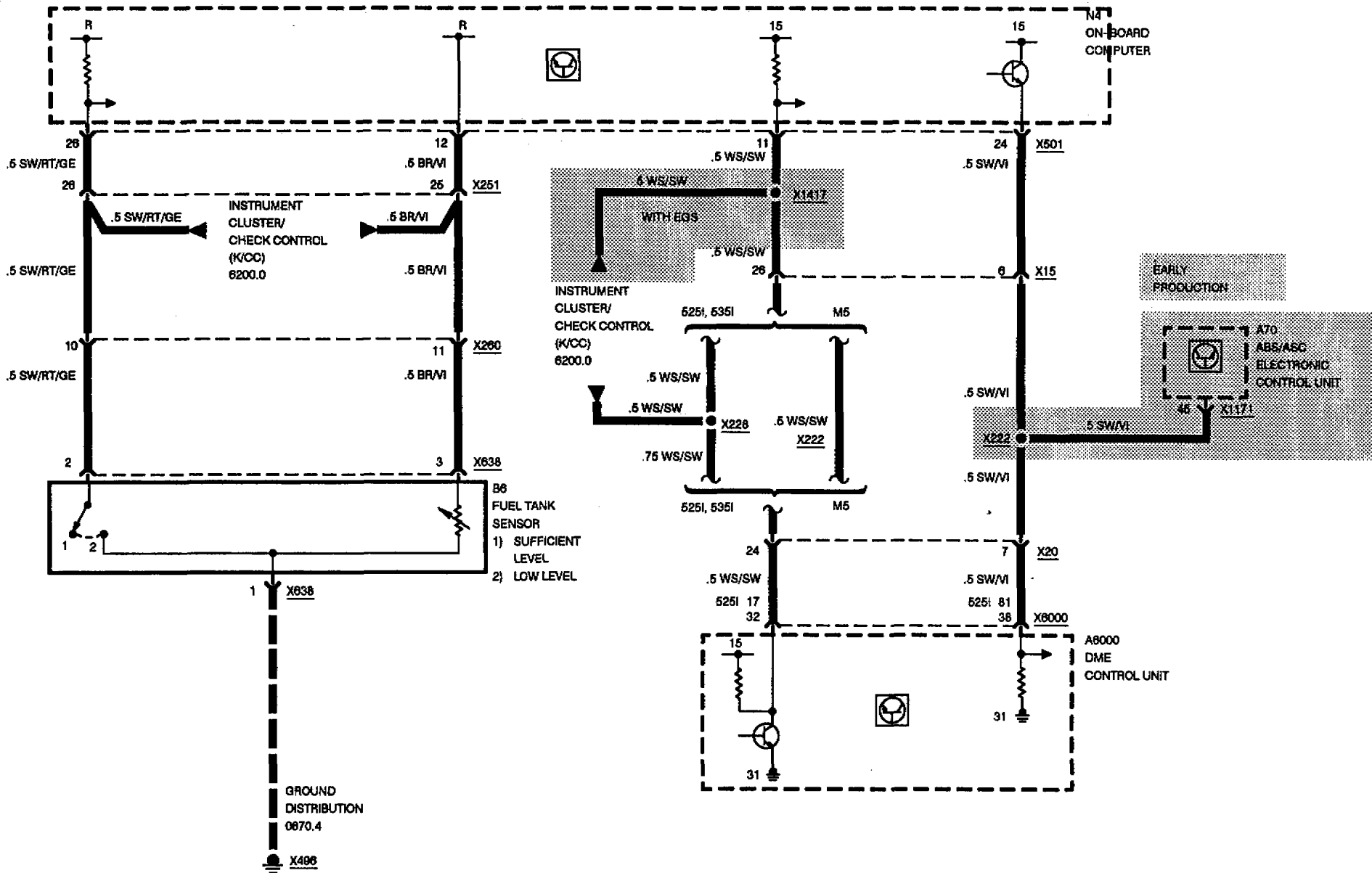
ON-BOARD COMPUTER (BCIV) ANTI-THEFT HORN





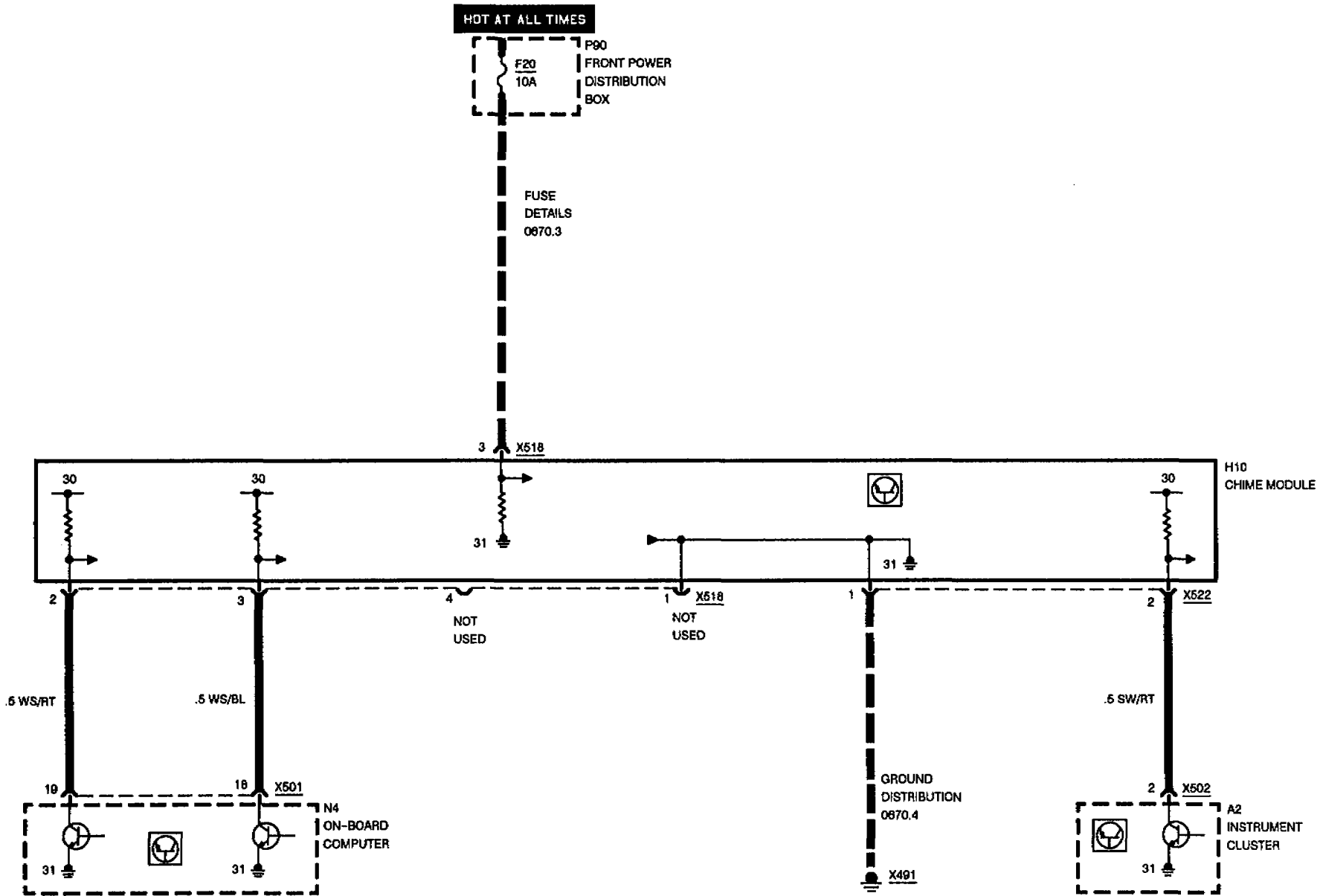
ON-BOARD COMPUTER (BCIV)

FUEL GAUGE



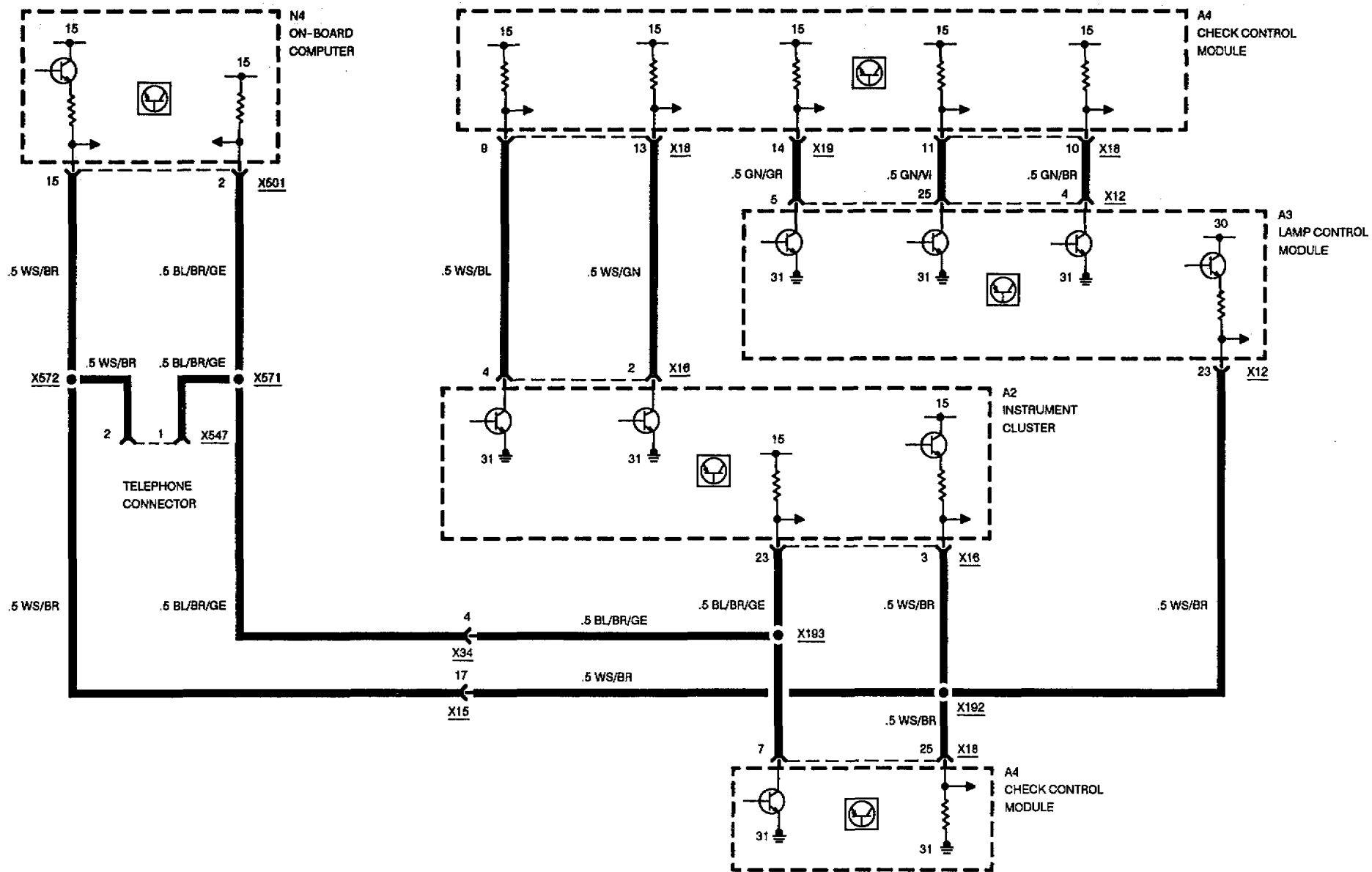


ON-BOARD COMPUTER (BCIV) CHIME MODULE





ON-BOARD COMPUTER (BCIV) DATA LINK





COMPONENT LOCATION CHART

COMPONENTS

Page-Figure

A1	General Module	Below LH side of rear seat, in P91 Rear Power Distribution Box.	7100.0-45-2
A3	Lamp Control Module	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
A4	Check Control Module	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
A5	Relay Module	Below LH side of rear seat, in P91 Rear Power Distribution Box.	7100.0-45-2
A7	ABS Electronic Control Unit (M30/S38 Engines)	Behind RH front shock tower, in P93 E-Box	7100.0-16-2
A7	ABS Electronic Control Unit (M50 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-15-3
A8	Cruise Control Module (Tempomat) (M50 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-15-3
A8	Cruise Control Module (Tempomat) (M30/S38 Engines)	Behind RH front shock tower, in P93 E-Box	7100.0-16-2
A12	Diagnostic Module (SRS)	Below LH side of dash, LH side of steering column	7100.0-29-2
A15	Park Heating/Ventilation Relay Box	Inside RH kick panel	7100.0-38-3
A17	Servotronic Control Unit	Inside LH kick panel	Not in US
A18	HIFI Amplifier	LH side of trunk, on brace	7100.0-49-1
A21	Memory Seat/Mirrors Control Unit	Under driver's seat	7100.0-42-2
A70	ABS/ASC Electronic Control Unit	Behind RH front shock tower, in P93 E-Box	7100.0-15-2
A87	Integrated Climate Regulation II Control Unit	Below center of dash, ahead of IHKR 2 Plenum	7100.0-37-2
A552	A/C Compressor Control Unit	Inside LH kick panel	7100.0-27-2
A6000	DME Control Unit (M30/S38 Engines)	Behind RH front shock tower, in P93 E-Box	7100.0-16-2
A6000	DME Control Unit (M50 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-15-3
A6004	EML Control Unit	Behind RH front shock tower, in P93 E-Box	7100.0-15-2
A6006	Air-Intake Control Unit	Behind RH front shock tower, in P93 E-Box	7100.0-16-3
A8500	EGS Control Unit	Inside RH kick panel	7100.0-38-2
B1	Right Front Speed Sensor	Behind RH front wheel	7100.0-23-2
B2	Left Front Speed Sensor	Behind LH front wheel	7100.0-23-1
B3	Right Rear Speed Sensor	Behind RH rear wheel	7100.0-24-1



COMPONENT LOCATION CHART

B4	Left Rear Speed Sensor	Behind LH rear wheel	7100.0-23-3
B6	Fuel Tank Sensor	Below RH side of trunk, through maintenance cover, RH side of spare tire	7100.0-50-2
B8y	Pressure Switch	RH front of engine compartment	7100.0-20-2
B9y	Pressure Switch	RH front of engine compartment	7100.0-20-2
B10	Vehicle Speed Sensor	Below rear of car, on rear differential	7100.0-26-3
B11	Left Heat Exchanger Temperature Sensor	Below LH side of dash, on LH side of IHKR 2 plenum	7100.0-33-3
B12	Right Heat Exchanger Temperature Sensor	Below RH side of dash, in RH side of IHKR 2 plenum	7100.0-37-1
B13	Outside Temperature Sensor	Behind center of fresh air cowl panel, on RH side of M30 Blower Motor	7100.0-21-3
B14	Evaporator Temperature Sensor	Below LH side of dash, on lower LH side of IHKR 2 plenum	7100.0-33-2
B15	Electrohydraulic Converter (Servotronic)	LH side of engine	
B16	Left Front Brake Pad Sensor	Behind LH front wheel, on brake caliper	7100.0-23-1
B17	Right Rear Brake Pad Sensor	Behind RH rear wheel, on brake caliper	7100.0-24-1
B18	Brake Fluid Level Switch (M50/S38 Engines)	LH rear of engine compartment, top of brake fluid reservoir	7100.0-02-2
B18	Brake Fluid Level Switch (M30 Engine)	LH rear of engine compartment, top of brake fluid reservoir	7100.0-02-3
B21	On-Board Computer Temperature Sensor	Under RH side of front bumper	7100.0-22-2
B22	Wheel Camber Control Unit	Below RH rear of car, near rear differential	7100.0-26-2
B900	Jumper Plug	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
B6200	Heated Oxygen Sensor (M30/M50 Engines)	In top of catalytic converter, near rear of transmission	7100.0-25-3
B6200	Heated Oxygen Sensor (S38 Engine)	Below center of vehicle, on catalytic converter	7100.0-26-1
B6201	Cylinder Identification (S38 Engine)	Front of engine, near distributor	7100.0-12-1
B6201	Cylinder Identification (M30 Engine)	RH front of engine, near distributor	7100.0-10-3
B6202	Engine Speed/Reference Point Sensor (M30 Engine)	Front of engine, below distributor	7100.0-10-3
B6202	Engine Speed/Reference Point Sensor (M50 Engine)	Front of engine, near radiator fan	
B6202	Engine Speed/Reference Point Sensor (S38 Engine)	Front of engine, below distributor	7100.0-08-2
B6204	Camshaft Sensor	Top front of engine	7100.0-18-1
B6205	Engine Intake Air Temperature Sensor (M50 Engine)	LH side of engine, on intake manifold	7100.0-19-2



COMPONENT LOCATION CHART

B6205	Engine Intake Air Temperature Sensor (S38 Engine)	LH front of engine compartment, in front of LH shock tower.	7100.0-06-3
B6206	Air Mass Meter	LH front of engine compartment, in front of LH shock tower.	7100.0-06-2
B6230	Oil Level	Lower LH front of engine, on bottom of oil pan	7100.0-24-3
B6231	Oil Pressure Switch (M30 Engine)	Top rear of engine, rear of cylinder head	7100.0-10-1
B6231	Oil Pressure Switch (M50 Engine)	LH side of engine	7100.0-18-3
B6231	Oil Pressure Switch (S38 Engine)	LH front of engine	7100.0-08-1
B6232	Coolant Temperature Sensor (S38 Engine)	RH side of engine, on coolant inlet	7100.0-12-3
B6232	Coolant Temperature Sensor (M50 Engine)	LH side of engine, below intake manifold	7100.0-18-1
B6232	Coolant Temperature Sensor (M30 Engine)	On coolant inlet, near RH valve cover	7100.0-10-2
B6233	Air Quantity Meter (M30 Engine)	Top center of engine, ahead of oil fill cap	7100.0-11-1
B6234	Water Temperature Sensor (EML)	On coolant inlet, near RH valve cover	7100.0-10-2
B6235	Temperature Switch	Behind RH front shock tower, in P93 E-Box	7100.0-16-2
B6236	Coolant Temperature Sensor (M50 Engine)	LH side of engine, below intake manifold	7100.0-18-1
B6236	Coolant Temperature Sensor (S38 Engine)	RH side of engine, on coolant inlet	7100.0-12-3
B6236	Coolant Temperature Sensor (M30 Engine)	RH side of engine, on coolant inlet	7100.0-10-2
B6238	Oil Temperature Sensor	LH front of engine	7100.0-08-1
B9508	Pressure Switch	RH front of engine compartment	7100.0-20-2
C100	Contact Ring	Inside steering wheel	7100.0-30-2
C900	Suppression Filter	In RH "C" pillar	7100.0-48-2
D100	Diagnostic Connector	LH rear of engine compartment, RH side of shock tower	7100.0-01-3
E48	Door Lock Heater	In door, at key lock assembly	
E51	Left Washer Jet Heater	LH rear of engine compartment hood, under cover	7100.0-09-3
E52	Right Washer Jet Heater	RH rear of engine compartment hood, under cover	7100.0-09-3
E56	Driver's Seatback Heater	In back of driver's seat	
E57	Driver's Seat Heater	In driver's seat	
E58	Passenger's Seat Heater	In passenger's seat	
E59	Passenger's Seatback Heater	In back of passenger's seat	
E65	Left Rear Seatback Heater	In LH rear seatback	
E66	Left Rear Seat Heater	In LH rear seat	
E67	Right Rear Seat Heater	In RH rear seat	
E68	Right Rear Seatback Heater	In RH rear seatback	



COMPONENT LOCATION CHART

F0	Fusible Link 80A (M30/S38 Engines)	Below RH side of rear seat	7100.0-48-1
F0	Fusible Link 80A (M50 Engine)	RH side of engine compartment, on front of shock tower	7100.0-17-3
FA	Fuse 5A	RH front of trunk	7100.0-50-1
FB	Fuse 100mA	RH front of trunk	7100.0-50-1
FC	Fuse 5A	RH front of trunk	7100.0-50-1
G1	Battery (M30/S38 Engines)	Below RH side of rear seat	7100.0-48-1
G1	Battery (M50 Engine)	RH front of engine compartment	7100.0-17-3
G2	Alternator	Lower LH front of engine	7100.0-08-3
G5	Driver's Air Bag Generator	Inside center of steering wheel	7100.0-30-2
H1	Antitheft Horn	Behind center of fresh air cowl panel	7100.0-21-3
H2	Left Horn	Front of car, behind grille	7100.0-22-1
H3	Right Horn	Front of car, behind grille	7100.0-22-1
H10	Chime Module	Below LH side of dash, mounted in hush panel	7100.0-28-1
K1	Starter Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K2	Horn Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K3	Unloader Relay, Terminal R	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K4	Blower Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K5	Washer Pump Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
K8	Auxiliary Water Pump Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K9	Unloader Relay, Terminal 15	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
K10	ABS Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1



COMPONENT LOCATION CHART

K11	Wiper Relay	Below LH side of rear seat, in P91 Rear Power Distribution Box.	7100.0-45-2
K13	Rear Defogger Relay	Below LH side of rear seat, on P91 Rear Power Distribution Box.	7100.0-45-1
K15	Electric Power Protection Relay	Below LH side of rear seat, in P91 Rear Power Distribution Box.	7100.0-45-2
K16	Hazard Flasher Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K17	Rear Seat Heating Relay	Below LH side of rear seat	
K19	Compressor Control Relay	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
K21	Normal Speed Relay	LH side of engine compartment, in P92 Auxiliary Relay Box	7100.0-04-2
K22	High Speed Relay	LH side of engine compartment, in P92 Auxiliary Relay Box	7100.0-04-2
K25	Right Park Light/License Plate Light Relay	Below LH side of dash, near hood release lever	
K26	Left Park Lights Relay	Below LH side of dash, near hood release lever	
K51	Jumper Plug for Horn/Telephone	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
K61	Unloader Relay, Terminal 61	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-00-3
K64	DWA Relay	Below LH rear seat.	NOT IN US
K86	Full Load Cut-off Relay	Inside LH kick panel.	7100.0-27-2
K91	On-Board Computer Horn Relay	Below LH side of rear seat, ahead of P91 Rear Power Distribution Box	7100.0-46-1
K6300	Relay 2 DME (M50 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-15-3
K6300	Relay 2 DME (M30 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-15-2
K6300	Relay 2 DME (S38 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-16-1
K6301	Electric Fuel Pump Relay 1 (M30 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-15-2
K6301	Electric Fuel Pump Relay 1 (M50 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-15-3
K6302	Fuel Pump Relay (S38 Engine)	Behind RH front shock tower, in P93 E-Box	7100.0-16-1
K6303	Oxygen Sensor Relay	Behind RH front shock tower, in P93 E-Box	7100.0-15-3



COMPONENT LOCATION CHART

K6304	Air Pump Relay	Behind RH front shock tower, in P93 E-Box	7100.0-16-1
M1	Starter (M50 Engine)	Lower LH side of engine, below intake manifold	7100.0-24-2
M1	Starter (S38 Engine)	Lower LH side of engine, below intake manifold	7100.0-03-3
M1	Starter (M30 Engine)	Lower LH side of engine, below intake manifold	7100.0-03-2
M2	Fuel Pump	Below trunk, RH side of spare tire	7100.0-50-2
M3	Wiper Motor	Behind LH side of fresh air cowl panel	7100.0-00-1
M4	Washer Pump	RH front of engine compartment, on windshield washer fluid reservoir	7100.0-20-1
M5	Intensive Wash Pump	RH front of engine compartment, on windshield washer fluid reservoir	Not in US
M7	Headlight/Fog Light Washer Pump	RH front of engine compartment	
M9	Auxiliary Fan Motor	Center front of engine compartment, behind bumper	7100.0-22-1
M12	Driver's Door Lock Motor	Top rear of driver's door	7100.0-40-1
M13	Passenger's Door Lock Motor	Top rear of passenger's door	7100.0-40-1
M14	Right Rear Door Lock Motor	Top rear of RH rear door	7100.0-41-1
M15	Left Rear Door Lock Motor	Top rear of LH rear door	7100.0-41-1
M16	Gas Filler Lock Motor	RH side of trunk, behind wheel well	7100.0-50-3
M17	Trunk Lock Motor	In trunk lid, RH side of lid lock assembly	7100.0-51-2
M20	Left Rear Window Motor	Lower front of LH rear door	7100.0-41-1
M21	Driver's Window Motor	Lower front of driver's door	7100.0-40-1
M22	Right Rear Window Motor	Lower front of RH rear door	7100.0-41-1
M23	Passenger's Window Motor	Lower front of passenger's door	7100.0-40-1
M24	Sunroof Motor	In center of windshield header, near rear view mirror	7100.0-34-3
M25	Cruise Control Actuator (Tempomat)	LH front of engine compartment, ahead of LH shock tower	7100.0-04-1
M30	Blower Motor	Behind center of fresh air cowl panel	7100.0-21-3
M34	Dash Vent Mixing Flap Motor	Below RH side of dash, on RH side of IHKR 2 plenum	7100.0-36-3
M36	Fresh Air Flap Motor	Below LH side of dash, on LH side of IHKR 2 plenum	7100.0-33-3
M37	Auxiliary Water Pump	LH rear of engine compartment, on engine bulkhead	7100.0-02-1
M40	Footwell Flap Motor	Below LH side of dash, on LH side of IHKR 2 plenum	7100.0-33-3
M50	Driver's Seat Cushion Tilt Motor	Under LH side of driver's seat	7100.0-44-1



COMPONENT LOCATION CHART

M51	Driver's Seat Movement Motor	Under RH side of driver's seat	7100.0-44-1
M52	Driver's Seat Height Motor	Under front of driver's seat	7100.0-44-1
M53	Driver's Seatback Recliner Motor	Under front of driver's seat	7100.0-44-1
M54	Driver's Seat Headrest Motor	In top RH corner of driver's seatback	7100.0-44-3
M57	Passenger's Seat Headrest Motor	In top RH corner of passenger's seatback	7100.0-44-3
M58	Passenger's Seatback Recliner Motor	Under front of passenger's seat	7100.0-44-1
M59	Passenger's Seat Height Motor	Under front of passenger's seat	7100.0-44-1
M60	Passenger's Seat Movement Motor	Under RH side of passenger's seat	7100.0-44-1
M61	Passenger's Seat Cushion Tilt Motor	Under LH side of passenger's seat	7100.0-44-1
M65	Driver's Thigh Support Motor	Under driver's seat	7100.0-44-1
M66	Passenger's Thigh Support Motor	Under passenger's seat	7100.0-44-1
M6133	Air Pump	Top of engine, below distributor	7100.0-08-2
M6350	EML Actuator	Top of engine, on throttle body	7100.0-11-2
M6506	E-Box Fan	In P93 E-Box, below modules	7100.0-17-1
N4	On-Board Computer	Center of dash, RH side of N9 Radio	7100.0-35-1
N6	Headlight/Front Fog Light Module (SRA)	LH side of engine compartment, in P92 Auxiliary Relay Box	7100.0-04-2
N8	Antenna Amplifier AM/FM	In LH "C" pillar	7100.0-48-3
N12w	Anti-Theft Module	Below LH rear seat	
N13	Infrared Locking Control Unit	Below LH side of rear seat, in P91 Rear Power Distribution Box	NOT IN US
N14	Infrared Receiver	In roof, near rear view mirror	
N17	Crash Control Unit	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-1
N404	Diversity	In upper LH "C" pillar	
N444	FM Amplifier HLO	In RH "C" pillar	
N900	CD Changer	LH front of trunk	7100.0-49-2
P90	Front Power Distribution Box	LH rear of engine compartment	7100.0-02-1
P91	Rear Power Distribution Box	Below LH side of rear seat	7100.0-45-1
P92	Auxiliary Relay Box	LH front of engine compartment, ahead of LH shock tower	7100.0-04-1
P93	E-Box	RH rear of engine, behind RH front shock tower	7100.0-15-1



COMPONENT LOCATION CHART

R1	Temperature Distribution Potentiometer	Behind center of dash, above N9 Radio	7100.0-35-1
R5	Headrest Potentiometer	In top RH corner of driver's seatback, on M54 Driver's Headrest Motor	7100.0-44-3
R6	Seat Height Potentiometer	Under driver's seat, on M52 Driver's Seat Height Motor	7100.0-43-1
R7	Seatback Potentiometer	Under driver's seat, on M53 Driver's Recliner Motor	7100.0-43-1
R8	Seat Cushion Rear Height Potentiometer	Under driver's seat, on M50 Driver's Seat Cushion Tilt Motor	7100.0-42-3
R9	Seat Cushion Movement Potentiometer	Under driver's seat, on M51 Driver's Seat Movement Motor	7100.0-42-3
R10	Pedal Position Sensor	Below LH side of dash, above accelerator pedal	7100.0-32-2
R11	Blower Resistors	Below LH side of dash, on LH rear of IHKR 2 plenum	7100.0-33-2
R15	Thigh Support Potentiometer	Under driver's seat	
S2	Ignition Switch	Top RH side of steering column	7100.0-31-1
S3	Automatic Transmission Range Switch	Below center console, at base of gear shift lever	7100.0-36-1
S4	Horn Switch	Top of steering column, in steering wheel	
S7	Combination Switch	Inside top of steering column	7100.0-30-3
S13	Passenger's Door Jamb Switch	In center rear of passenger's door jamb, in latch assembly	7100.0-40-3
S14	Driver's Door Jamb Switch	In center rear of driver's door jamb, in latch assembly	7100.0-40-3
S15	Right Rear Door Jamb Switch	In top rear of RH rear door jamb, in latch assembly	7100.0-41-2
S16	Left Rear Door Jamb Switch	In top rear of LH rear door jamb, in latch assembly	7100.0-41-2
S19	Underhood Light Switch	LH front of engine compartment hood	7100.0-09-2
S21	Engine Hood Switch	LH rear of engine compartment, rear of shock tower	7100.0-01-1
S27	Inertia Switch	Below center of rear seat, RH side of P91 Rear Power Distribution Box	7100.0-46-2
S29	Brake Light Switch	Below LH side of dash, on brake pedal support bracket	7100.0-32-1
S31	Park Brake Switch	Below center console, on rear of park brake lever	7100.0-41-3
S32	Clutch Switch	Behind LH side of dash, on clutch pedal support bracket	7100.0-32-1
S36	Temperature Switch	Top RH side of radiator	7100.0-21-2
S37	Glove Box Light Switch	In LH side of glove box	7100.0-36-2
S39	Sunroof Position Switch	In center of windshield header, near rear view mirror	7100.0-34-3
S43	Driver's Window Limit Switch	Center front of driver's door	7100.0-40-1



COMPONENT LOCATION CHART

S44	Passenger's Window Limit Switch	Center front of passenger's door	7100.0-40-1
S45	Left Rear Window Limit Switch	Center front of LH rear door	7100.0-41-1
S46	Right Rear Window Limit Switch	Center front of RH rear door	7100.0-41-1
S47	Driver's Door Lock Switch	Behind driver's door lock assembly	
S48	Driver's Door Handle Switch	In top rear of driver's door, near door handle cable	
S49	Passenger's Door Lock Switch	Behind passenger's door lock assembly	
S58	Driver's Seat Belt Switch	In driver's seat belt buckle	
S61	Trunk Lid Switch	In center of trunk lid, in trunk latch assembly	7100.0-51-1
S63	Coolant Level Switch (M50 Engine)	Lower LH front of engine compartment, in bottom of coolant reservoir	7100.0-22-3
S63	Coolant Level Switch (S38 Engine)	RH side of engine, on coolant reservoir	7100.0-13-2
S63	Coolant Level Switch (M30 Engine)	Center rear of engine compartment, top of coolant reservoir	7100.0-11-1
S64	Washer Fluid Level Switch	RH side of engine compartment, RH side of windshield washer fluid reservoir	7100.0-20-1
S71	Left Front Crash Sensor	Ahead of LH shock tower	7100.0-04-1
S72	Right Front Crash Sensor	Ahead of RH shock tower	7100.0-13-3
S77	Driver's Makeup Mirror Switch	In driver's visor	
S78	Passenger's Makeup Mirror Switch	In passenger's visor	
S92	Back Up Light Switch	Top RH side of transmission	
S134	Integrated Climate Regulation II Switching Unit	Behind center console	
S135	Integrated Climate Regulation II Control Switch	Behind center console	
S901	Passenger's Visor Switch	LH hinge of passenger's visor	7100.0-34-2
S902	Driver's Visor Switch	RH hinge of driver's visor	7100.0-34-2
S6250	Throttle Switch (M30 Engine)	Top of engine, on throttle body	7100.0-11-3
S6250y	Throttle Potentiometer (M50 Engine)	LH side of engine, on throttle body	7100.0-19-2
S6251	Throttle Switch (M30 Engine)	Top of engine, on throttle body	7100.0-11-3
S6251	Throttle Switch (S38 Engine)	Top front of engine, on throttle body	7100.0-07-3
S8507	Kick-down Switch	Below LH side of dash, underneath accelerator pedal	7100.0-31-3
T6150	Ignition Coil	RH side of engine compartment, at strut tower	7100.0-17-2
T6151	Ignition Coil 1	Top RH side of engine	7100.0-19-3



COMPONENT LOCATION CHART

T6152	Ignition Coil 2	Top RH side of engine	7100.0-19-3
T6153	Ignition Coil 3	Top RH side of engine	7100.0-19-3
T6154	Ignition Coil 4	Top RH side of engine	7100.0-19-3
T6155	Ignition Coil 5	Top RH side of engine	7100.0-19-3
T6156	Ignition Coil 6	Top RH side of engine	7100.0-19-3
U3	Telephone Transceiver	RH front of trunk	7100.0-50-1
V4y	Daytime Running Lights Coding Diodes Canada	Below LH side of dash, near K25 and K26	
V5	IR/DWA LED	Middle of center console	
V6	Uncoupling Diode	RH side of dash, behind glove box	
V9501	Uncoupling Diode (KL61)	LH side of engine compartment, below male side of X20	
X779	Charging Plug	In LH side of glove box	7100.0-36-2
Y1	ABS Hydraulic Unit (M30 Engine)	LH side of engine compartment, near shock tower	7100.0-02-3
Y1	ABS Hydraulic Unit (M50/S38 Engines)	LH side of engine compartment, near shock tower	7100.0-02-2
Y2	Compressor Clutch	Lower RH front of engine	7100.0-25-1
Y4	Water Valve Assembly	LH rear of engine compartment, on engine bulkhead	7100.0-02-1
Y6101	Injection Valve 1 (M50 Engine)	Top of engine, on intake manifold	7100.0-14-1
Y6101	Injection Valve 1 (S38 Engine)	Top of engine, on intake manifold	7100.0-14-2
Y6101	Injection Valve 1 (M30 Engine)	Top of engine, on intake manifold	7100.0-14-3
Y6102	Injection Valve 2 (M50 Engine)	Top of engine, on intake manifold	7100.0-14-1
Y6102	Injection Valve 2 (M30 Engine)	Top of engine, on intake manifold	7100.0-14-3
Y6102	Injection Valve 2 (S38 Engine)	Top of engine, on intake manifold	7100.0-14-2
Y6103	Injection Valve 3 (S38 Engine)	Top of engine, on intake manifold	7100.0-14-2
Y6103	Injection Valve 3 (M30 Engine)	Top of engine, on intake manifold	7100.0-14-3
Y6103	Injection Valve 3 (M50 Engine)	Top of engine, on intake manifold	7100.0-14-1
Y6104	Injection Valve 4 (M30 Engine)	Top of engine, on intake manifold	7100.0-14-3
Y6104	Injection Valve 4 (S38 Engine)	Top of engine, on intake manifold	7100.0-14-2
Y6104	Injection Valve 4 (M50 Engine)	Top of engine, on intake manifold	7100.0-14-1
Y6105	Injection Valve 5 (M30 Engine)	Top of engine, on intake manifold	7100.0-14-3
Y6105	Injection Valve 5 (M50 Engine)	Top of engine, on intake manifold	7100.0-14-1
Y6105	Injection Valve 5 (S38 Engine)	Top of engine, on intake manifold	7100.0-14-2



COMPONENT LOCATION CHART

Y6106	Injection Valve 6 (S38 Engine)	Top of engine, on intake manifold.	7100.0-14-2
Y6106	Injection Valve 6 (M30 Engine)	Top of engine, on intake manifold.	7100.0-14-3
Y6106	Injection Valve 6 (M50 Engine)	Top of engine, on intake manifold.	7100.0-14-1
Y6120	Evaporative Purge Valve (M50 Engine)	LH side of engine compartment	7100.0-06-1
Y6120	Evaporative Purge Valve (S38 Engine)	LH side of engine, near oil level stick	7100.0-07-1
Y6120	Evaporative Purge Valve (M30 Engine)	LH side of engine, RH side of oil filter	7100.0-05-1
Y6130	Idle Speed Actuator (S38 Engine)	Top of engine	7100.0-07-3
Y6130	Idle Speed Actuator (M50 Engine)	LH side of engine, below intake manifold	7100.0-19-1
Y6130	Idle Speed Actuator (M30 Engine)	Top of engine, center rear of throttle body	7100.0-11-3
Y6131	Changeover Valve I	LH side of engine, near oil level stick	7100.0-07-1
Y6132	Changeover Valve II	Lower LH side of engine compartment	
Y8505	Transmission Gear-Shift Unit	Below center of car, near transmission.	7100.0-25-2
Y8516	EGS RPM Sensor	Below center of vehicle, on rear of transmission	
X1	B+ Junction Point for Front Power Distribution Box	Below LH side of dash, under carpet, near kick panel	7100.0-28-3
X2	B+ Junction Point for Front Power Distribution Box	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-2
X3	B+ Junction Point for Front Power Distribution Box	LH rear of engine compartment, in P90 Front Power Distribution Box	7100.0-01-2
X5	Ground	Below RH side of rear seat	7100.0-47-3
X13	Connector (21 pins)	Below LH side of dash, below driver's footrest (White)	7100.0-28-2
X14	Connector (30 pins)	Below LH side of dash, below driver's footrest (Yellow)	7100.0-28-2
X15	Connector (30 pins)	Below LH side of dash, near kick panel (White)	7100.0-29-3
X16	Connector (26 pins)	Behind LH side of dash, on A2 Instrument Cluster (Yellow)	7100.0-32-3
X17	Connector (12 pins)	Behind LH side of dash, on A2 Instrument Cluster (Brown)	7100.0-32-3
X18	Connector (26 pins)	LH rear of engine compartment, on A4 Check Control Module (Blue)	7100.0-00-2
X19	Connector (26 pins)	LH rear of engine compartment, on A4 Check Control Module (Green)	7100.0-00-2
X20	Connector (25 pins)	LH rear of engine compartment, near shock tower (Black)	7100.0-01-3



COMPONENT LOCATION CHART

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



COMPONENT LOCATION CHART

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



COMPONENT LOCATION CHART

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



COMPONENT LOCATION CHART

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

COMPONENT LOCATION CHART

X496	Ground	Below RH side of rear seat	7100.0-47-3
X497	Ground (Battery) (M30/S38 Engines)	Ahead of RH side of rear seat, behind access panel	7100.0-47-1
X497	Ground (Battery) (M50 Engine)	Lower RH front of engine compartment	7100.0-25-1
X502	Connector (26 pins)	Behind LH side of dash, on A2 Instrument Cluster (White)	7100.0-32-3
X506	Connector (12 pins)	Below center console, front of gear shift lever (Black)	7100.0-36-1
X512	Connector (8 pins)	Below RH side of dash, taped to harness (Black)	7100.0-36-3
X518	Connector (4 pins)	Below LH side of dash, on H10 Chime Module (Black)	7100.0-28-1
X522	Connector (3 pins)	Below LH side of dash, on H10 Chime Module (White)	7100.0-28-1
X526	Connector (8 pins)	Below LH side of dash, near kick panel (Black)	7100.0-29-3
X546	Connector (2 pins)	Below center console, LH side of manual gear selector (White)	7100.0-35-3
X547	Telephone Connector (2 pins)	Behind center of dash, right of steering column (Black)	7100.0-33-1
X601	Connector (26 pins)	Under driver's seat, on A21 Memory Seat/Mirrors Control Unit (Yellow)	7100.0-42-3
X602	Connector (26 pins)	Under driver's seat, on A21 Memory Seat/Mirrors Control Unit (White)	7100.0-42-2
X605	Connector (12 pins)	LH side of trunk, on A18 HIFI Amplifier (Black)	
X606	Connector (12 pins)	LH side of trunk, on A18 HIFI Amplifier (White)	
X619	Connector	Below RH rear seat	
X621	Connector (10 pins)	In front of passenger's door jamb, inside grommet (Black)	7100.0-39-1
X622	Connector (10 pins)	In front of driver's door jamb, inside grommet (Black)	7100.0-39-1
X623	Connector (10 pins) (With Memory Mirrors)	In top front of driver's door, to Y9 Driver's Side Memory Mirror	7100.0-39-3
X623	Connector (10 pins) (Without Memory Mirrors)	In top front of driver's door, to Y5 Driver's Side Mirror (White)	7100.0-39-3
X624	Connector (10 pins) (With Memory Mirrors)	In top front of passenger's door, to Y10 Passenger's Side Memory Mirror	7100.0-39-3
X624	Connector (10 pins) (Without Memory Mirrors)	In top front of passenger's door, to Y6 Passenger's Side Mirror (White)	7100.0-39-3
X626	Connector (8 pins)	Under driver's seat (Black)	7100.0-42-3



COMPONENT LOCATION CHART

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



COMPONENT LOCATION CHART

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



COMPONENT LOCATION CHART

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



COMPONENT LOCATION CHART

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



COMPONENT LOCATION CHART

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



COMPONENT LOCATION CHART

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

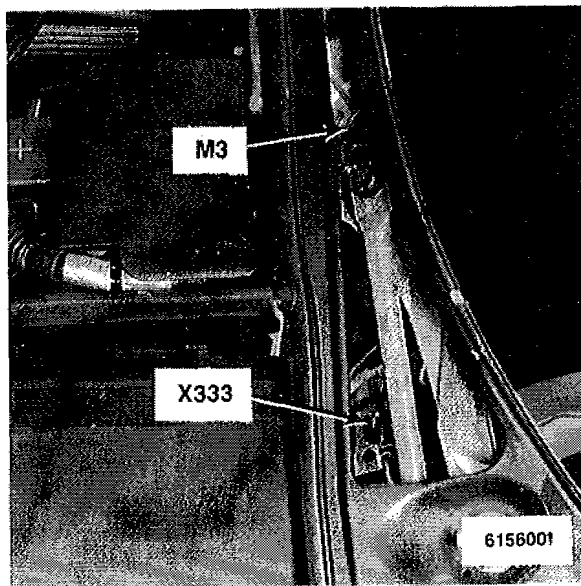


Figure 1- Behind LH Fresh Air Cowl

- M3 Wiper Motor**
- X333 Connector (4 pins) SW**

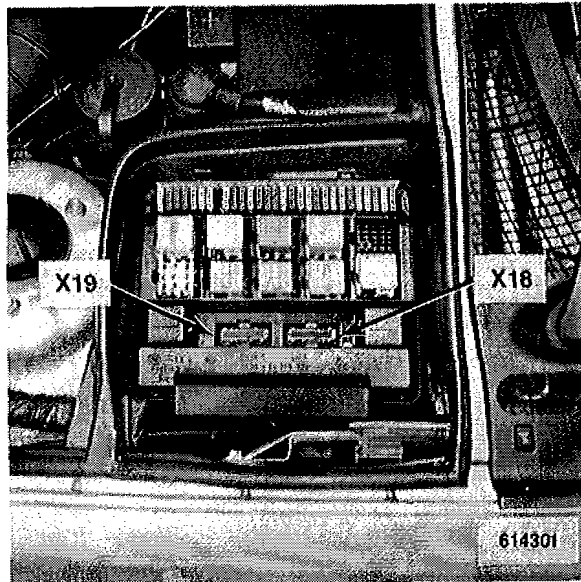


Figure 2- LH Rear Corner Of Engine Compartment

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

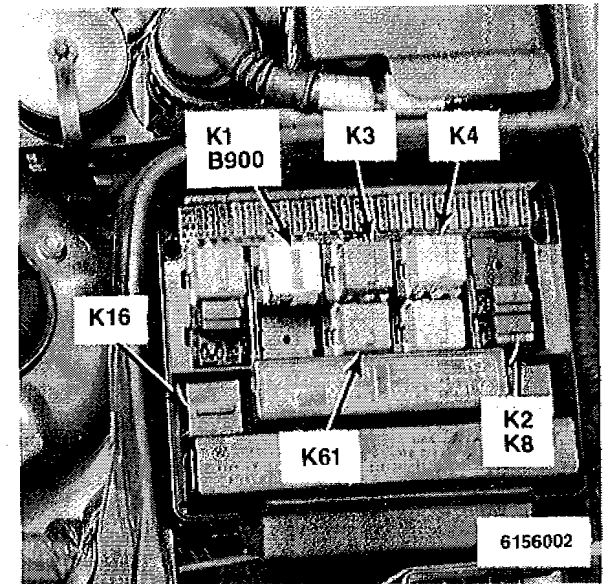


Figure 3- LH Rear Corner Of Engine Compartment

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

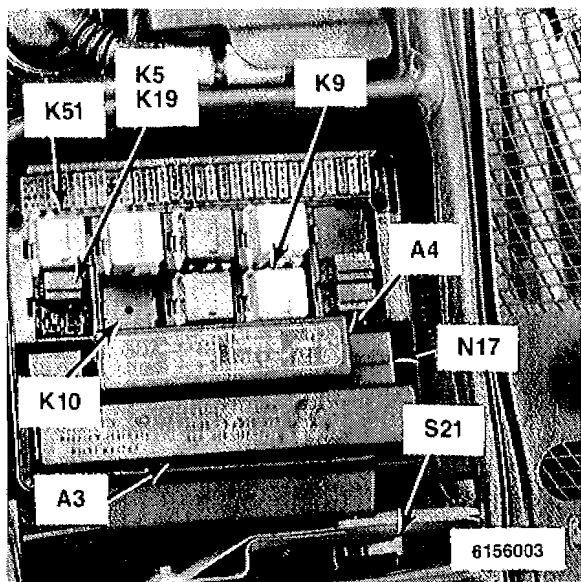


Figure 1- LH Rear Corner Of Engine Compartment

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

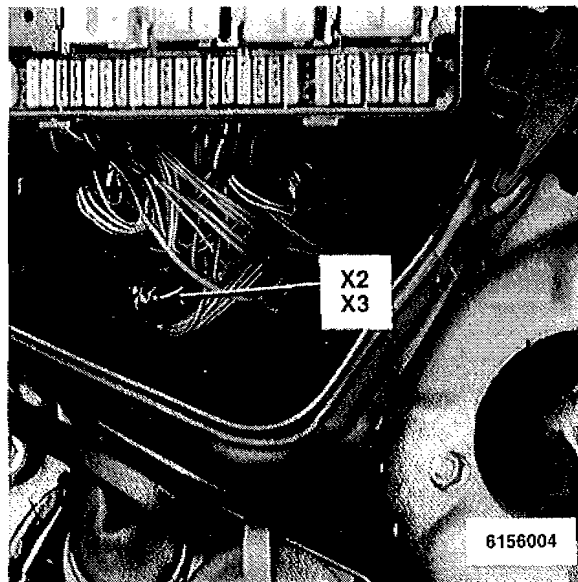


Figure 2- LH Rear Corner Of Engine Compartment

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

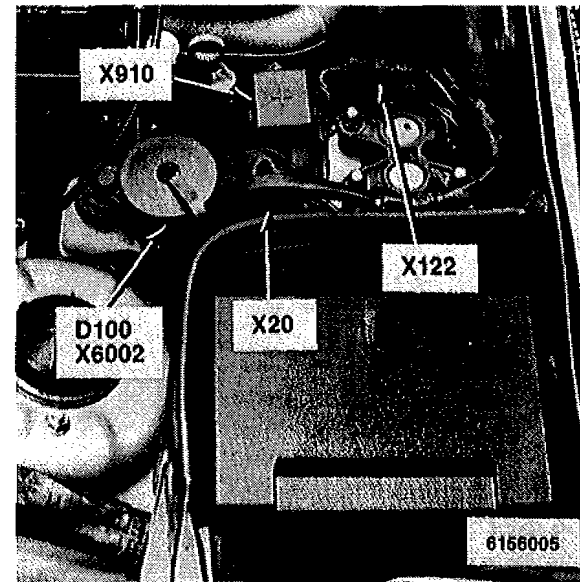


Figure 3- LH Rear Of Engine Compartment (S38 Engine Shown; M30 And M50 Engines Similar)

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

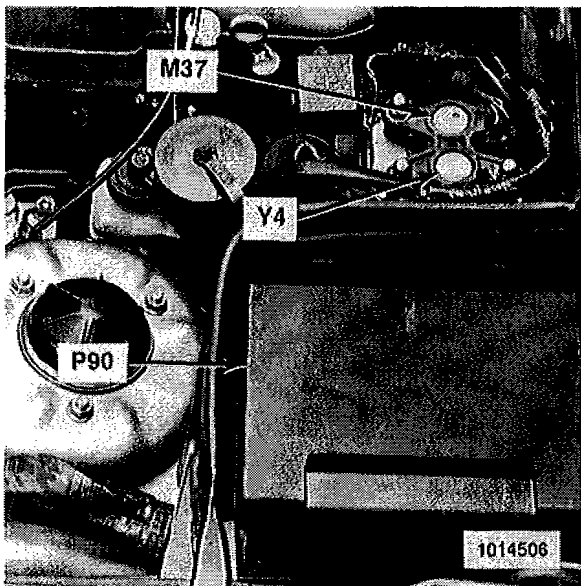


Figure 1- LH Rear Of Engine Compartment (S38 Engine Shown; M30 And M50 Engines Similar)

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

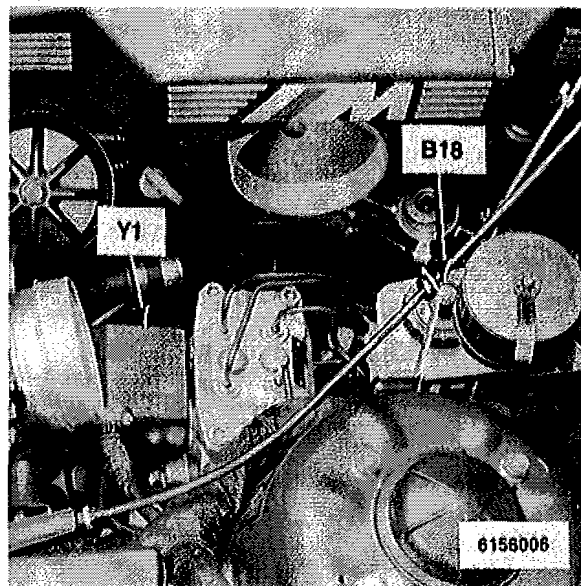


Figure 2- LH Side Of Engine Compartment (S38 Engine Shown; M50 Engine Similar)

- B18 Brake Fluid Level Switch**
- Y1 ABS Hydraulic Unit**

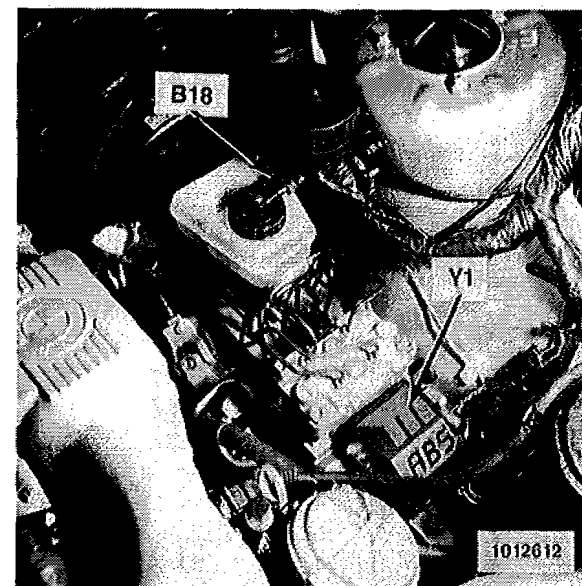


Figure 3- LH Side Of Engine Compartment (M30 Engine)

- B18 Brake Fluid Level Switch**
- Y1 ABS Hydraulic Unit**

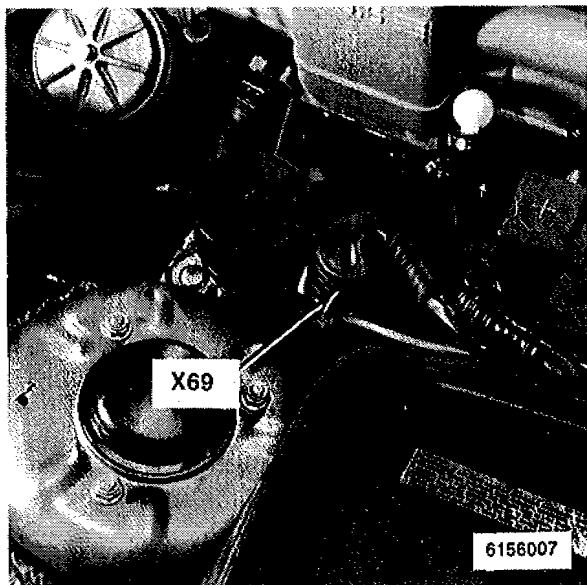


Figure 1- LH Rear Of Engine
Compartment (M30 Engine)

X69 Connector (25 pins) SW

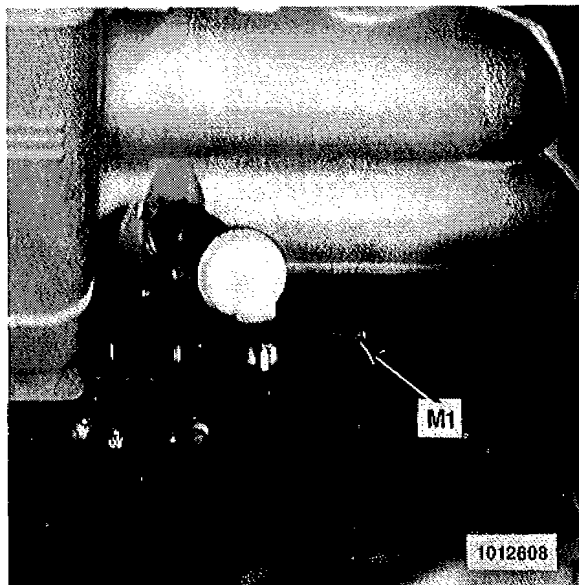


Figure 2- LH Rear Of Engine (M30 Engine)

M1 Starter

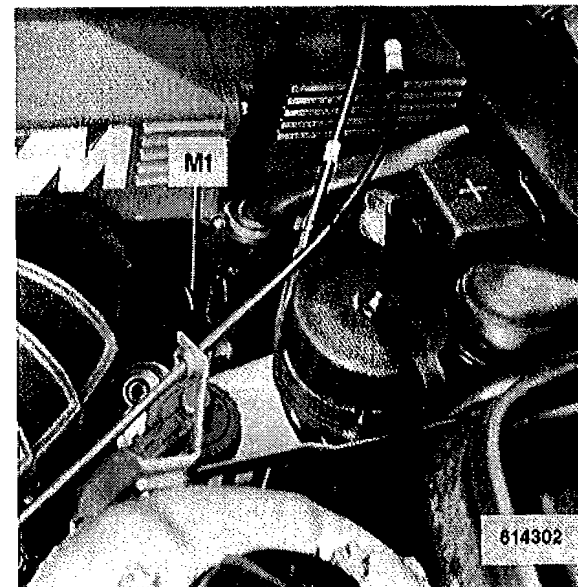


Figure 3- LH Rear Of Engine (S38 Engine)

M1 Starter

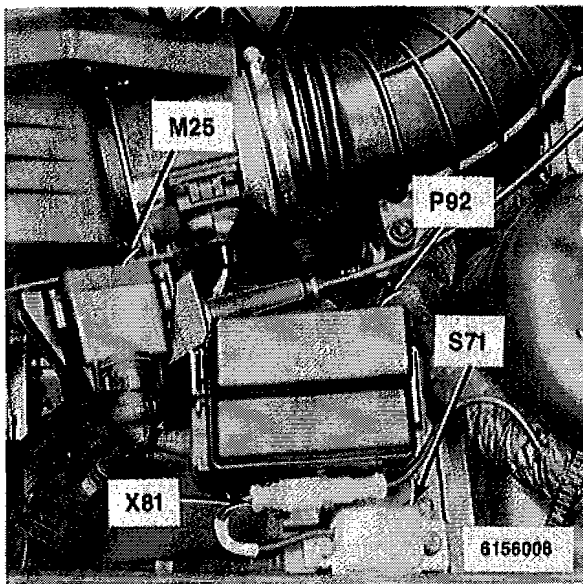


Figure 1- LH Side Of Engine Compartment (S38 Engine Shown; M30 and M50 Engines Similar)

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

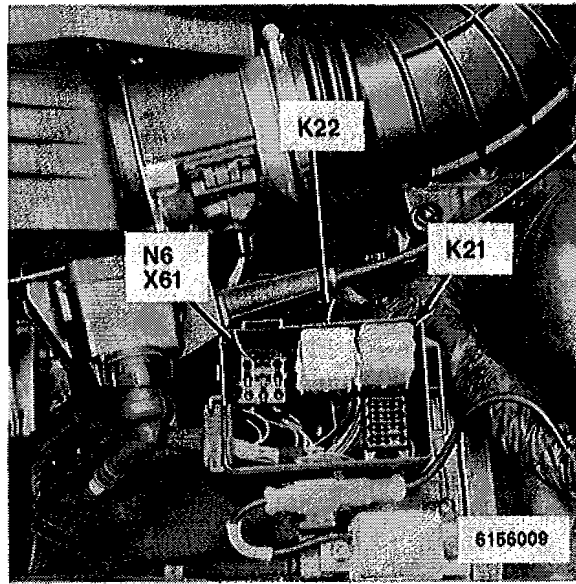


Figure 2- LH Side Of Engine Compartment (S38 Engine Shown; M30 And M50 Engines Similar)

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

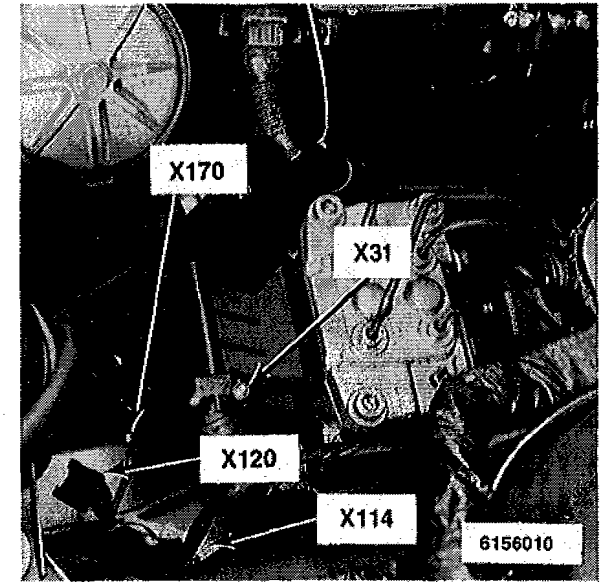


Figure 3- LH Side Of Engine Compartment (M30 Engine Shown; M50 And S38 Engines Similar)

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

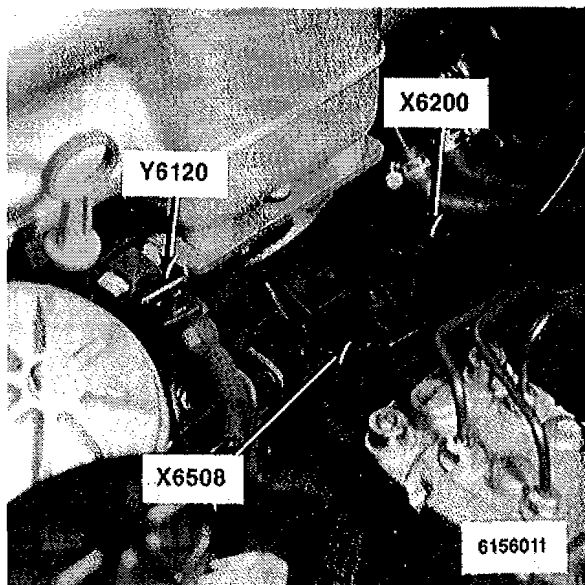


Figure 1- Lower LH Side Of Engine (M30 Engine)

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

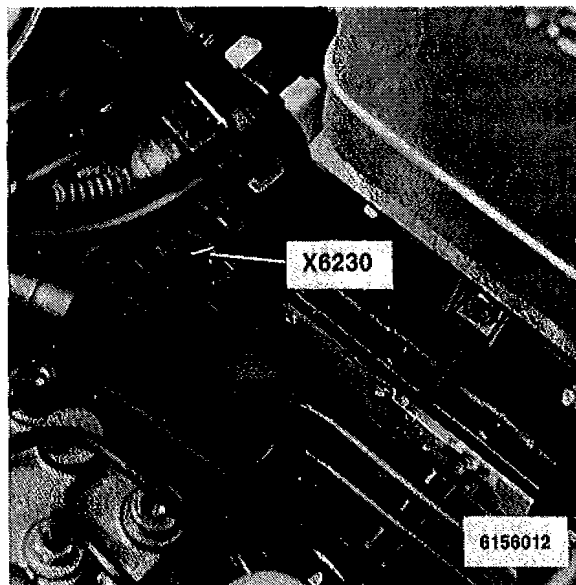


Figure 2- Lower LH Side Of Engine (M30 Engine)

- X6230** Connector (3 pins) SW

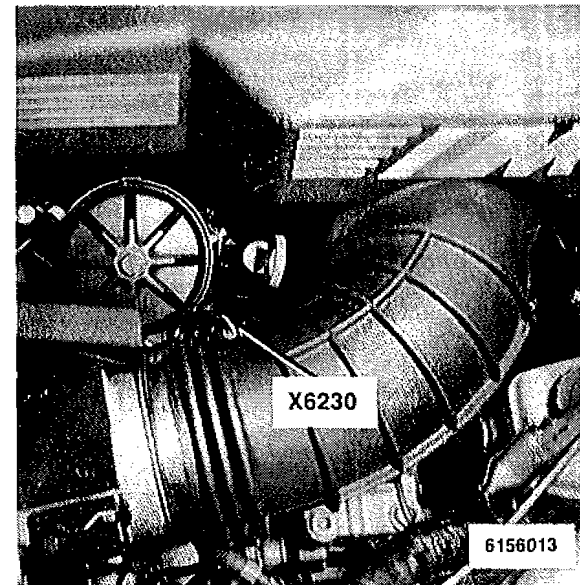


Figure 3- LH Side Of Engine Compartment (S38 Engine)

- X6230** Connector (3 pins) SW

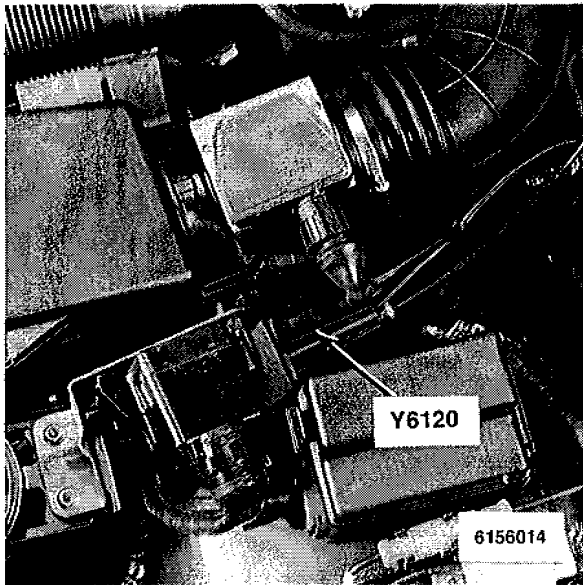


Figure 1- LH Side Of Engine
Compartment (M50 Engine)

Y6120 Evaporative Purge Valve

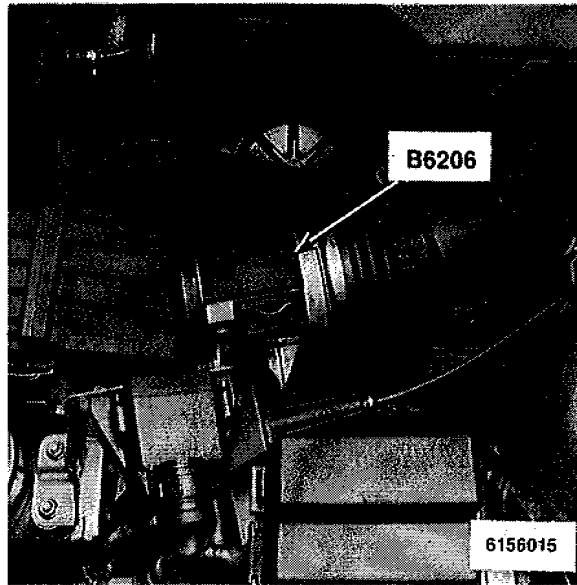


Figure 2- LH Side Of Engine
Compartment (S38 Engine
Shown; M50 Engine Similar)

B6206 Air Mass Meter

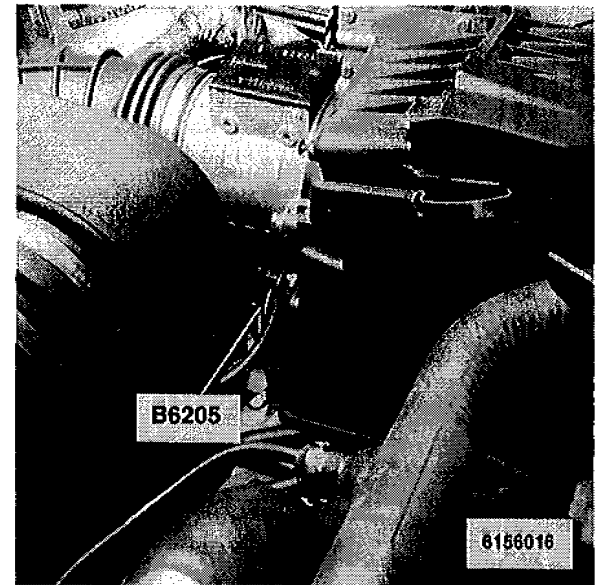


Figure 3- LH Side Of Engine
Compartment (S38 Engine)

B6205 Engine Intake Air Temperature
Sensor

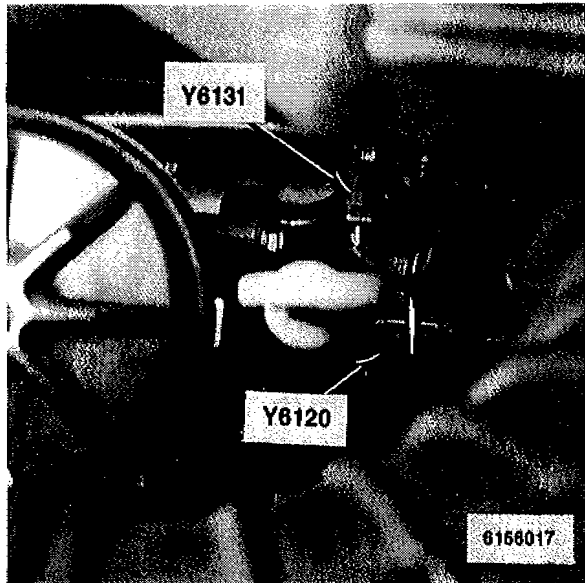


Figure 1- LH Front Of Engine (S38 Engine)

- Y6120 Evaporative Purge Valve**
- Y6131 Changeover Valve I**

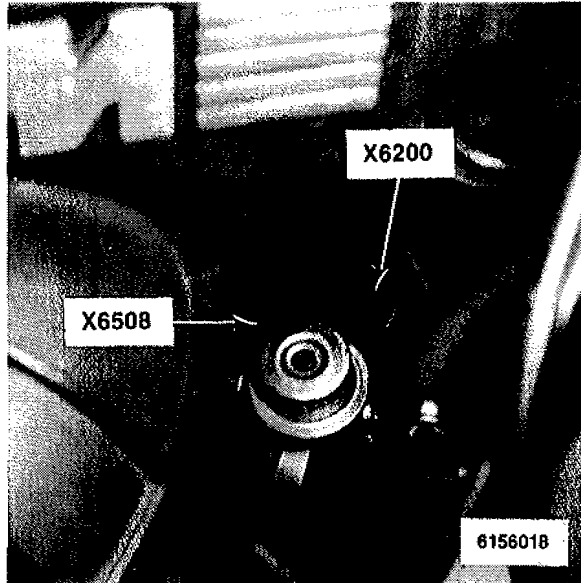


Figure 2- LH Rear Of Engine (S38 Engine)

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

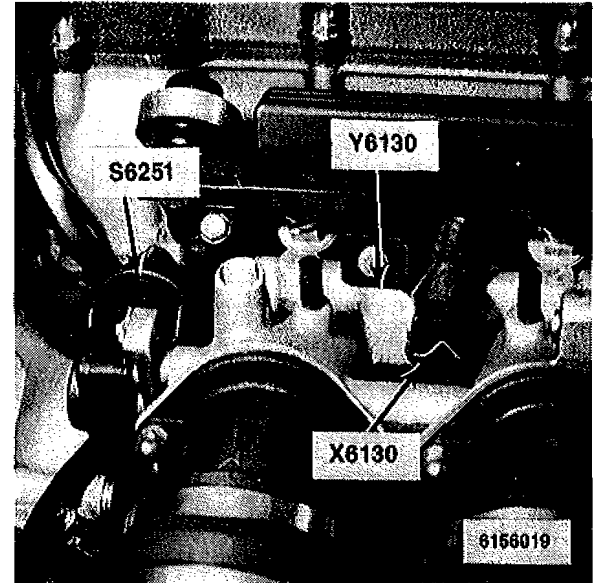


Figure 3- Top Front Of Engine (S38 Engine)

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

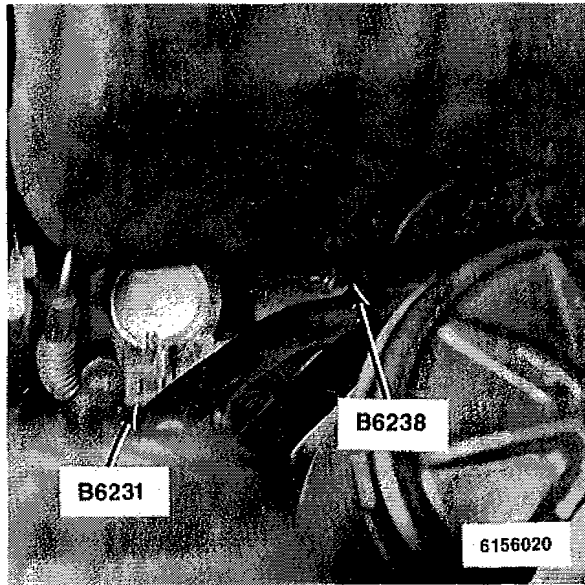


Figure 1- LH Front Of Engine (S38 Engine)

- B6231 Oil Pressure Switch**
- B6238 Oil Temperature Sensor**

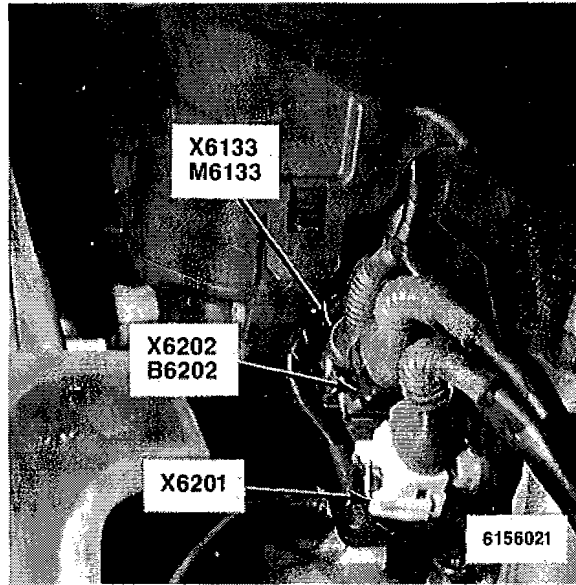


Figure 2- Top Front Of Engine (S38 Engine)

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

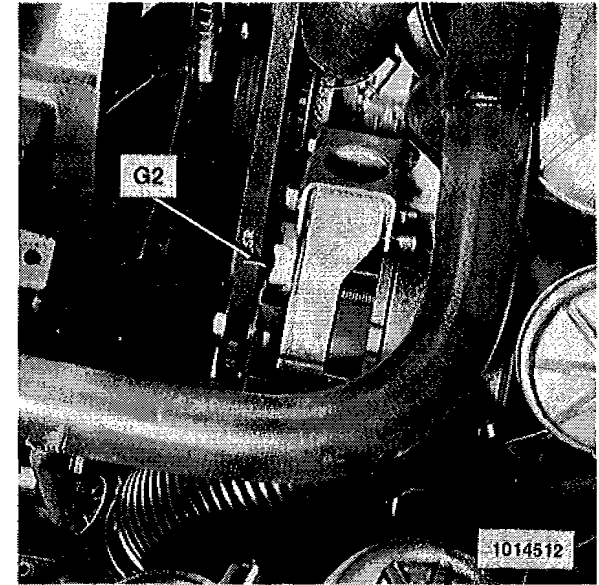


Figure 3- LH Front Of Engine Compartment (M30 Engine Shown; M50 And S38 Engines Similar)

- G2 Alternator**

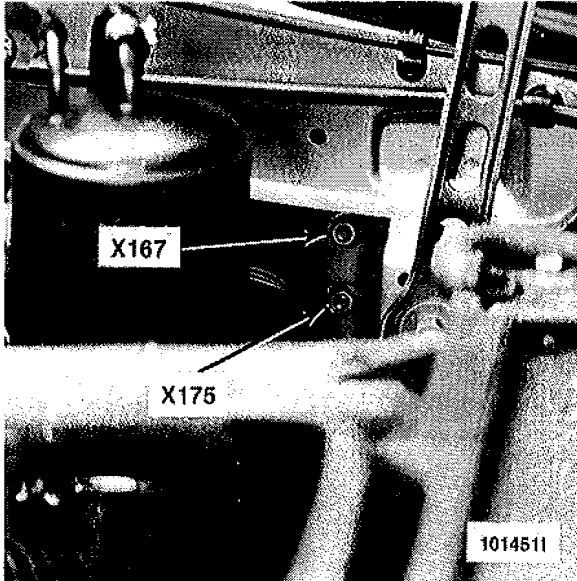


Figure 1- LH Front Of Engine Compartment (M30 Engine Shown; M50 And S38 Engines Similar)

X167 Ground
X175 Ground

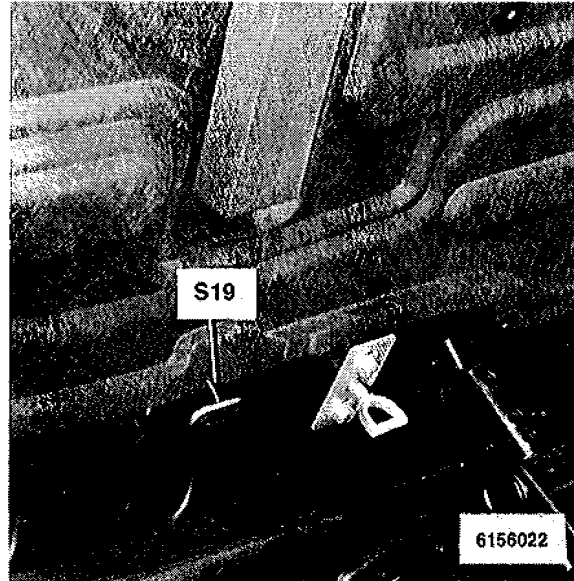


Figure 2- LH Front Of Engine Compartment Hood

S19 Underhood Light Switch

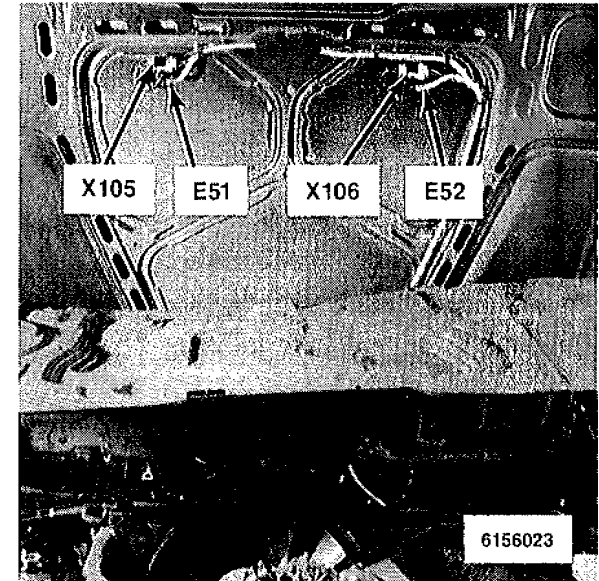


Figure 3- Rear Of Engine Compartment Hood

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

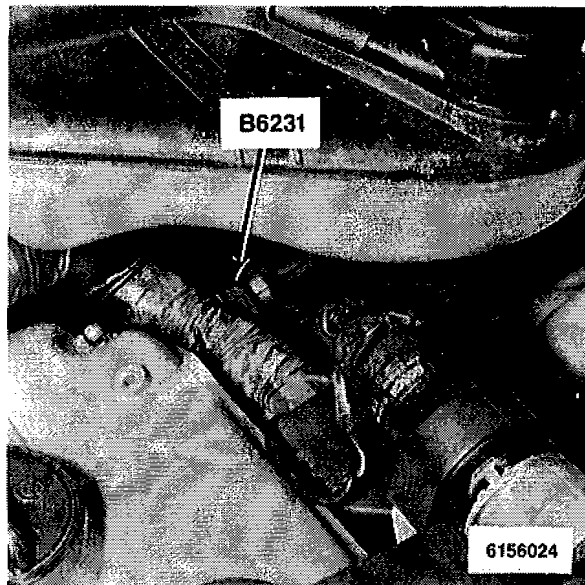


Figure 1- Rear Of Engine (M30 Engine)

B6231 Oil Pressure Switch

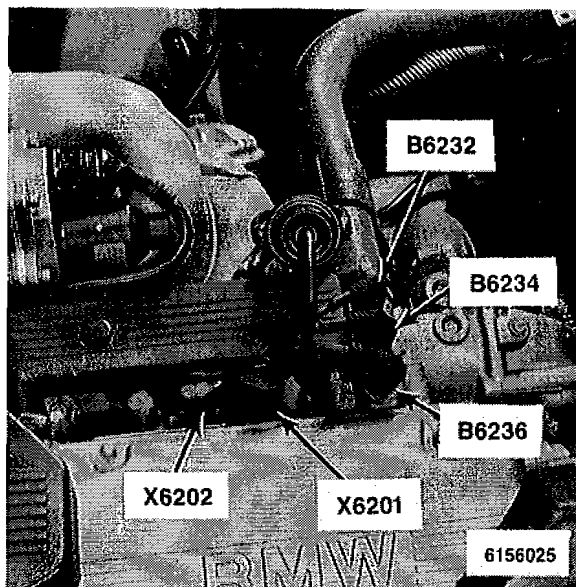


Figure 2- Top Front Of Engine (M30 Engine)

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

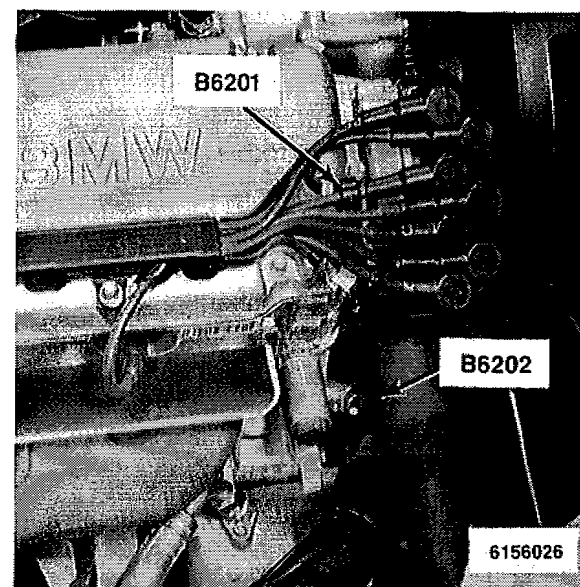


Figure 3- RH Front Of Engine (M30 Engine)

B6201 Cylinder Identification
B6202 Engine Speed/Reference Point Sensor

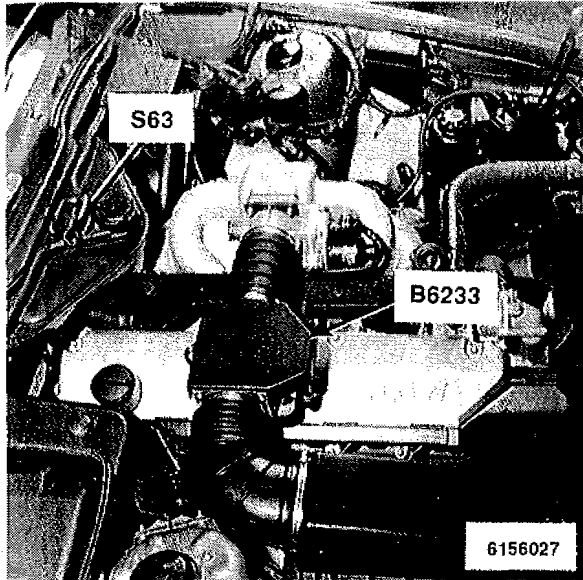


Figure 1- Top Of Engine (M30 Engine)

- B6233 Air Quantity Meter**
- S63 Coolant Level Switch**

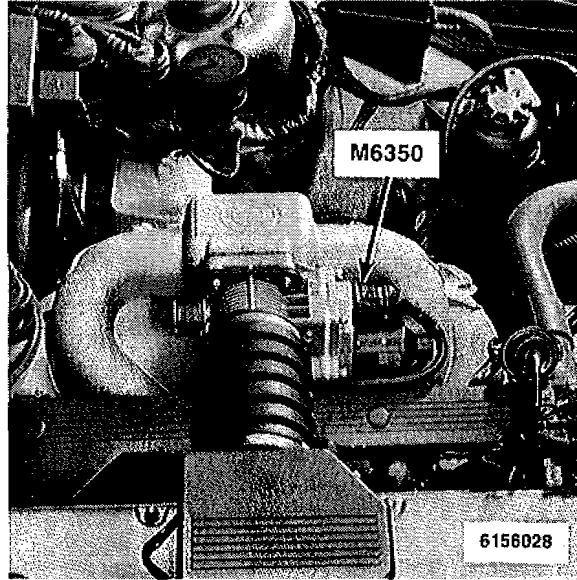


Figure 2- Top Of Engine (M30 Engine)

- M6350 EML Actuator**

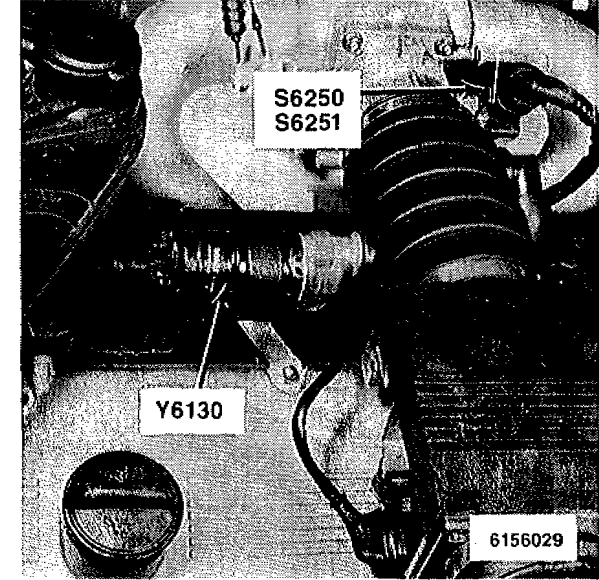


Figure 3- Top Of Engine (M30 Engine)

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



COMPONENT LOCATION VIEWS

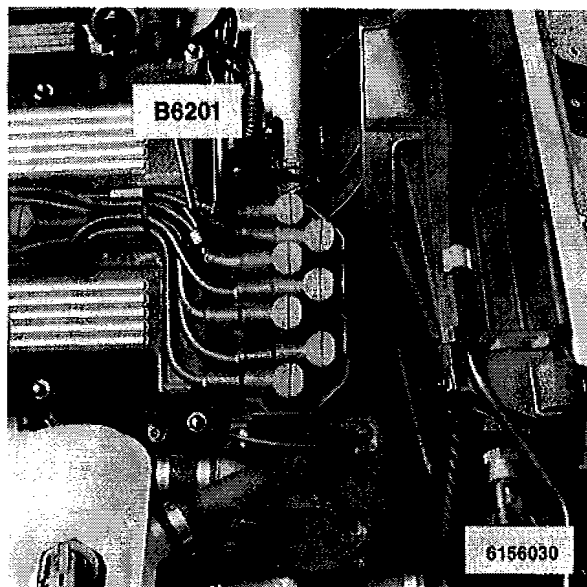


Figure 1- Top RH Front Of Engine (S38 Engine)

B6201 Cylinder Identification

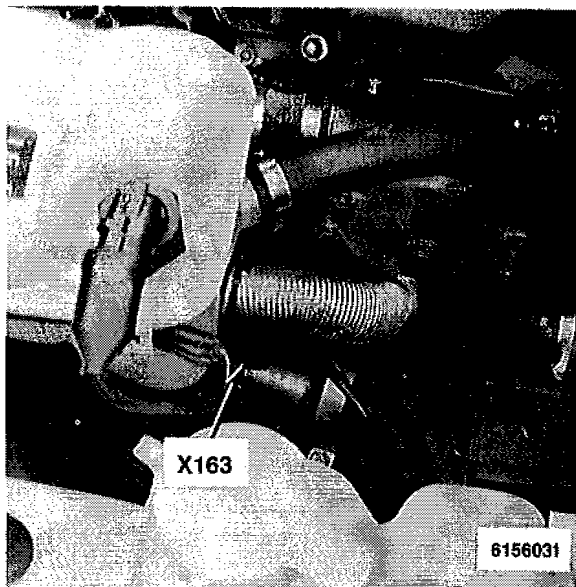


Figure 2- RH Front Of Engine (S38 Engine Shown; M30 And M50 Engines Similar)

X163 Connector (3 pins) SW

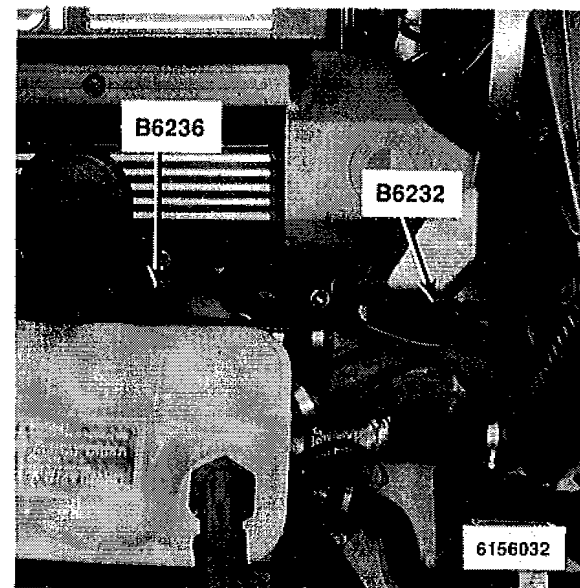


Figure 3- RH Front Of Engine (S38 Engine)

**B6232 Remote Temperature Sensor
B6236 Coolant Temperature Sender**

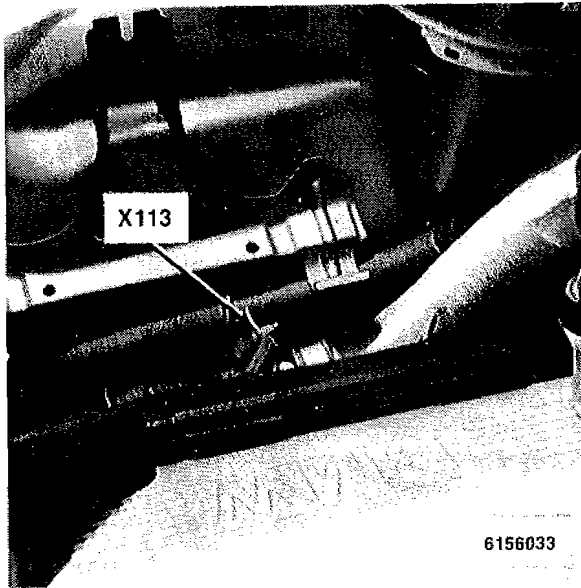


Figure 1- Lower RH Side Of Engine (M30 Engine Shown; M50 And S38 Engines Similar)

X113 Connector (2 pins) WS

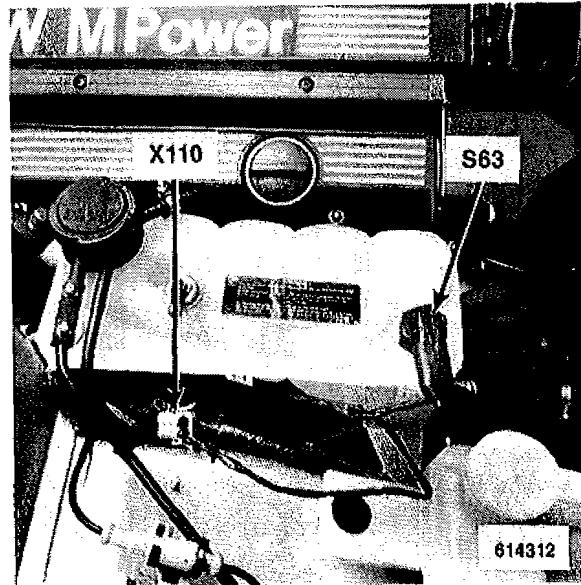


Figure 2- RH Side Of Engine Compartment (S38 Engine)

S63 Coolant Level Switch
X110 Connector (2 pins) GR

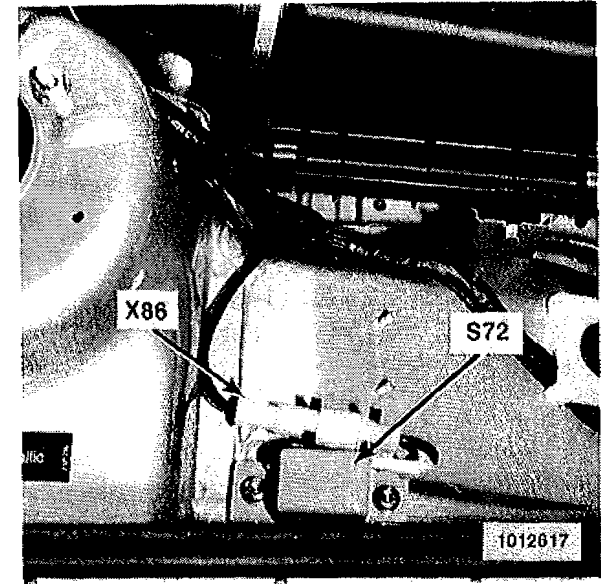


Figure 3- RH Side Of Engine Compartment (M30 Engine Shown; M50 And S38 Engines Similar)

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

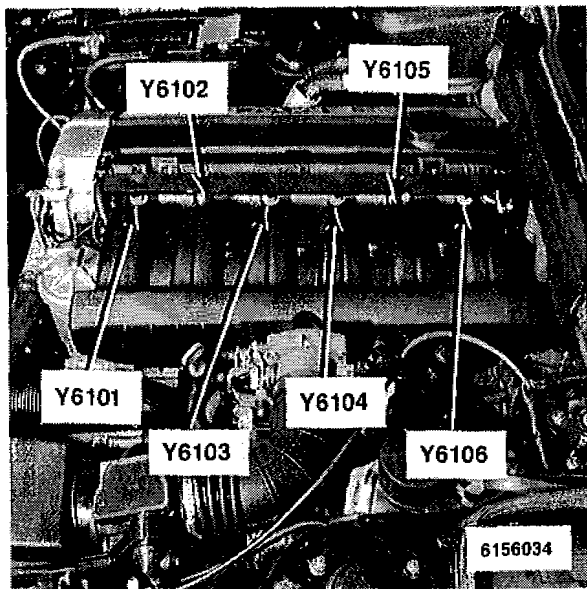


Figure 1- Top Of Engine (M50 Engine)

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

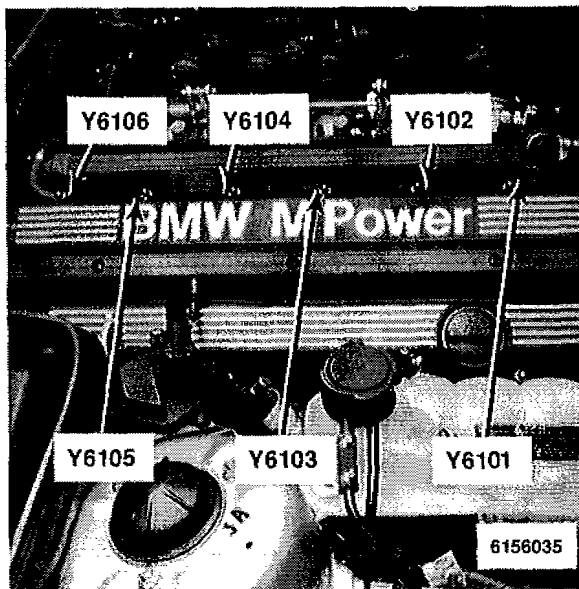


Figure 2- Top Of Engine (S38 Engine)

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

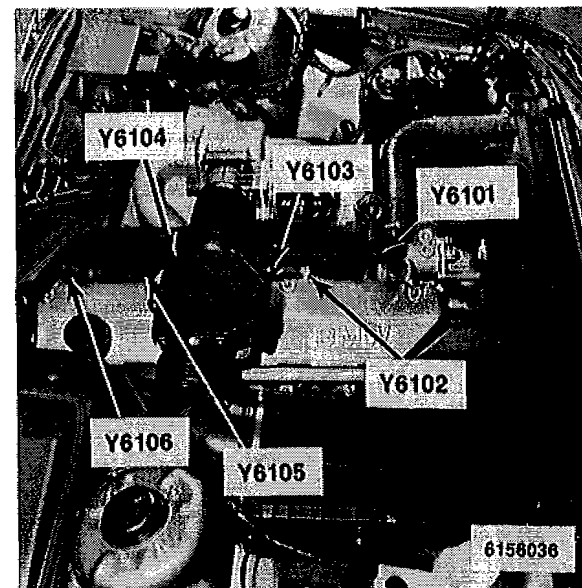


Figure 3- Top Of Engine (M30 Engine)

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

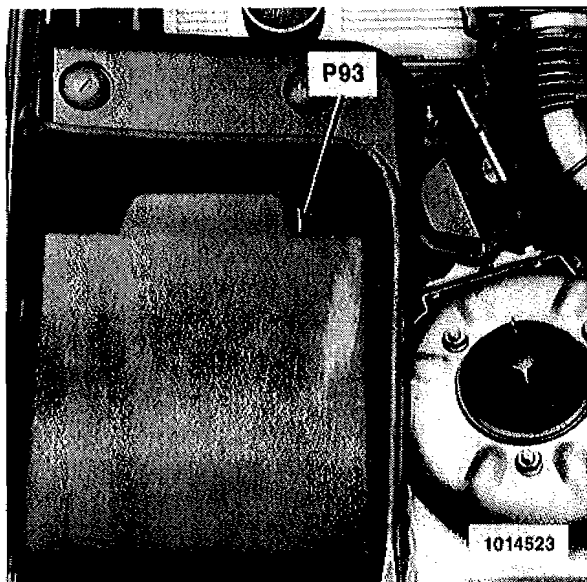


Figure 1- RH Rear Of Engine Compartment

P93 E-Box

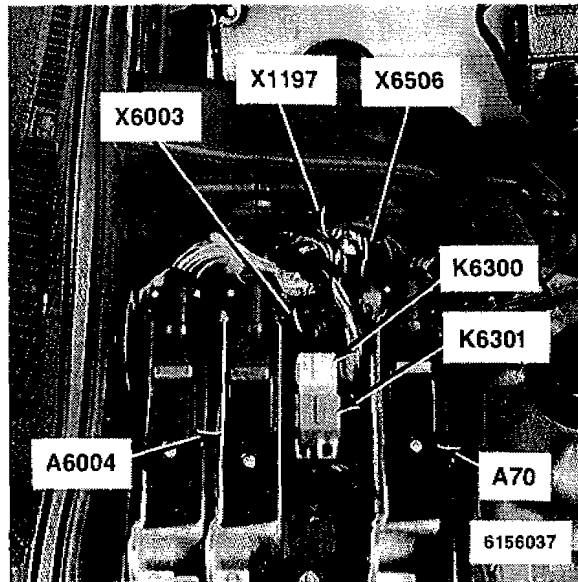


Figure 2- RH Rear Of Engine Compartment (M30 Engine)

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

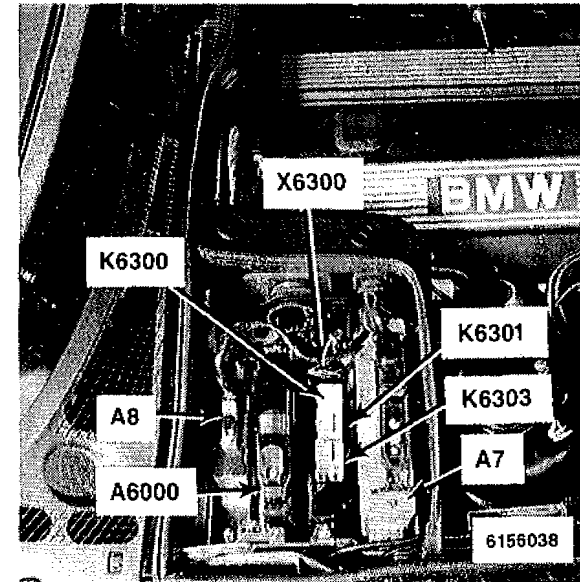


Figure 3- RH Rear Of Engine Compartment (M50 Engine)

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

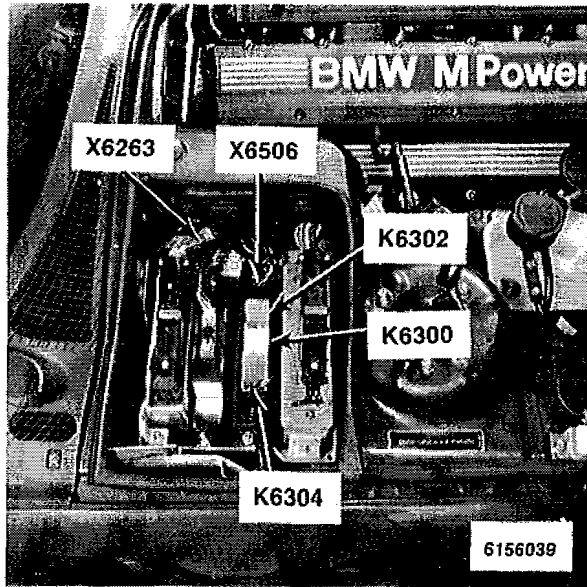


Figure 1- RH Rear Of Engine Compartment (S38 Engine)

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

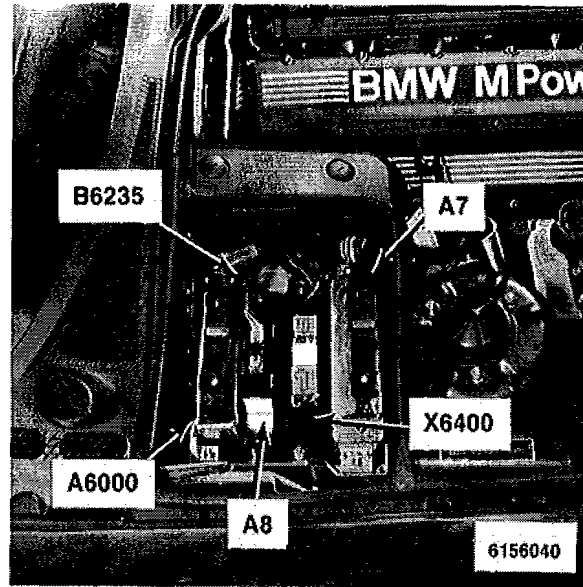


Figure 2- RH Rear Of Engine Compartment (S38 Engine Shown; M30 Engine Similar)

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

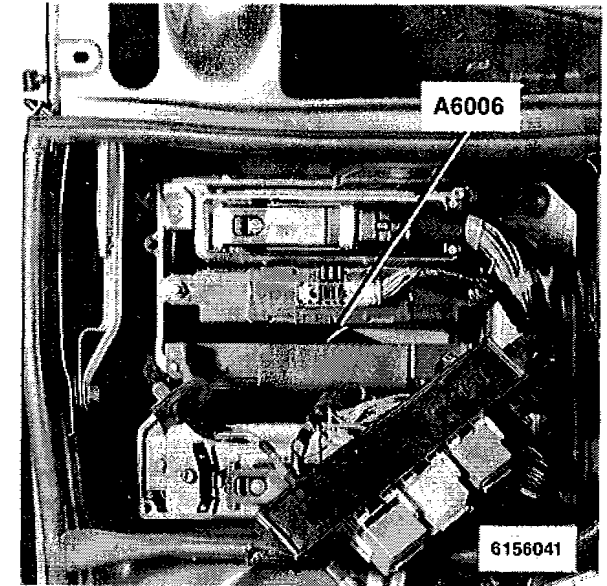


Figure 3- RH Rear Of Engine Compartment (S38 Engine)

- A6006 Air Intake Control Unit**

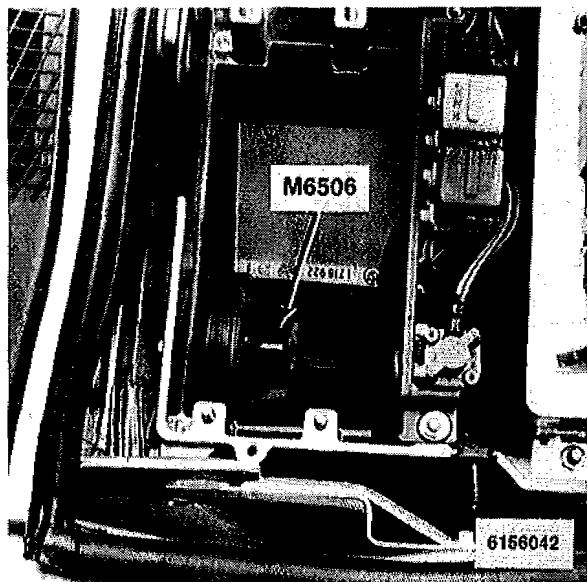


Figure 1- RH Rear Of Engine
Compartment (M30 Engine
Shown; S38 Engine Similar)

M6506 E-Box Fan

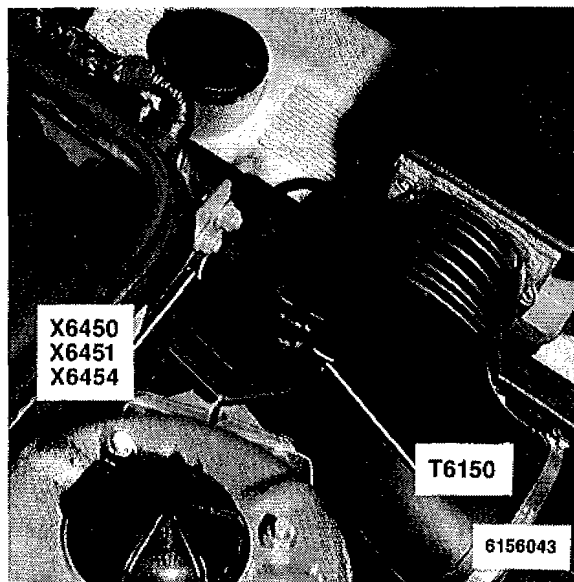


Figure 2- RH Rear Of Engine
Compartment (M30 Engine
Shown; M50 And S38 Engines
Similar)

T6150 Ignition Coil
X6450 Ground
X6451 Ground
X6454 Ground

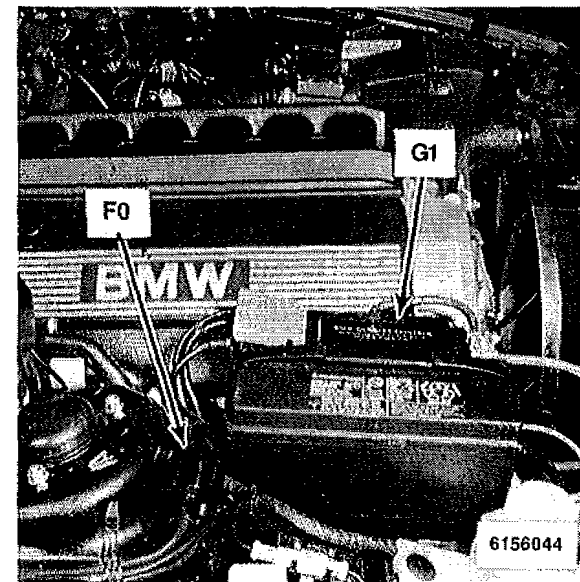


Figure 3- RH Side Of Engine
Compartment (M50 Engine)

F0 Fusible Link 80A
G1 Battery

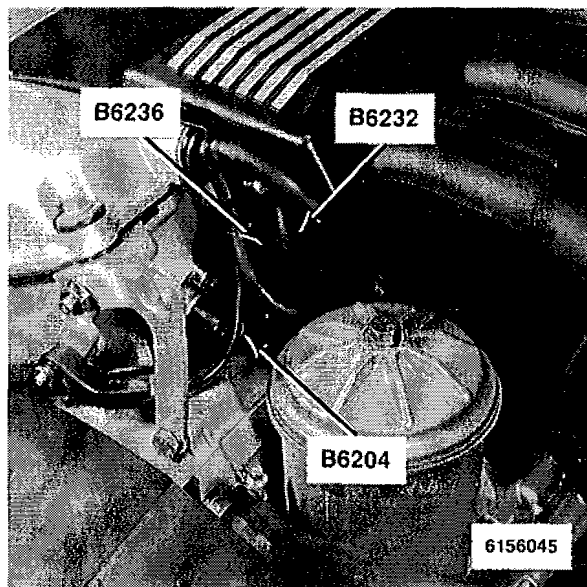


Figure 1- Front Center Of Engine (M50 Engine)

- B6204 Camshaft Sensor**
- B6232 Coolant Temperature Sensor**
- B6236 Coolant Temperature Sensor**

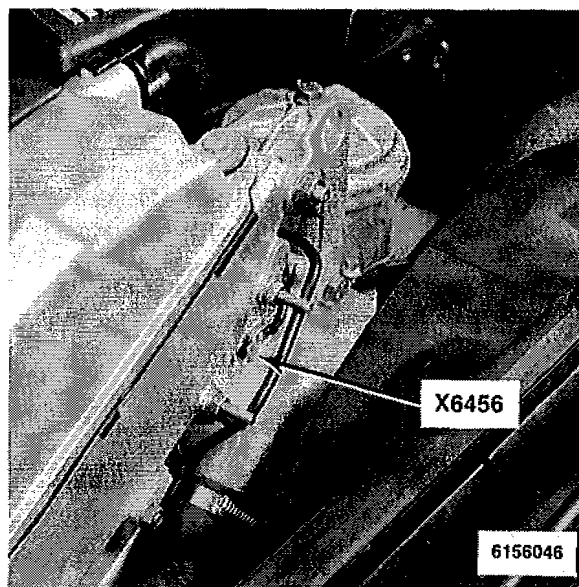


Figure 2- Front Center Of Engine (M50 Engine)

- X6456 Ground**

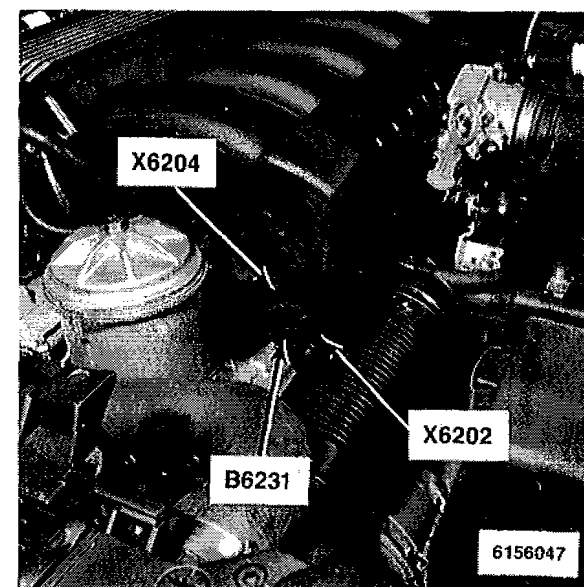


Figure 3- LH Front Of Engine (M50 Engine)

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

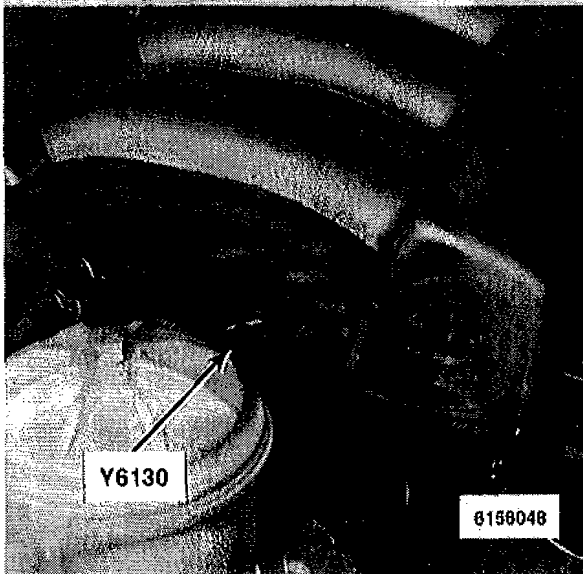


Figure 1- LH Side Of Engine (M50 Engine)

Y6130 Idle Speed Actuator

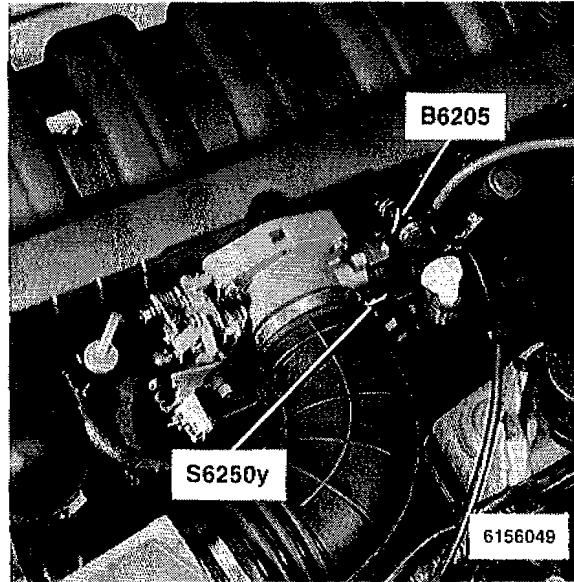


Figure 2- LH Side Of Engine (M50 Engine)

B6205 Engine Intake Air Temperature Sensor

S6250y Throttle Potentiometer

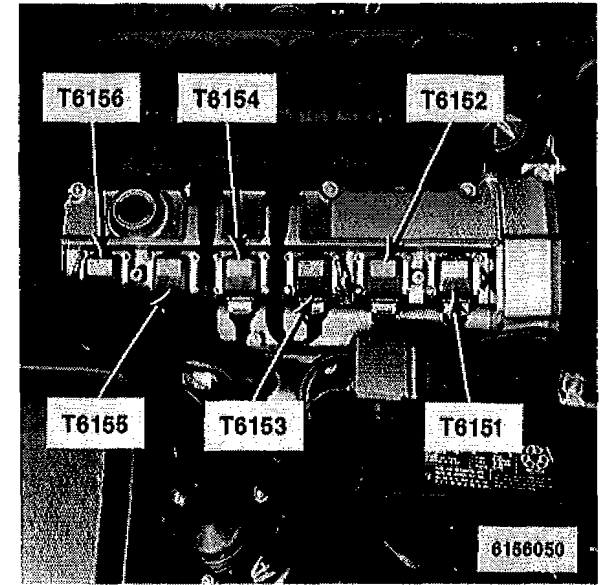


Figure 3- RH Side Of Engine (M50 Engine)

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

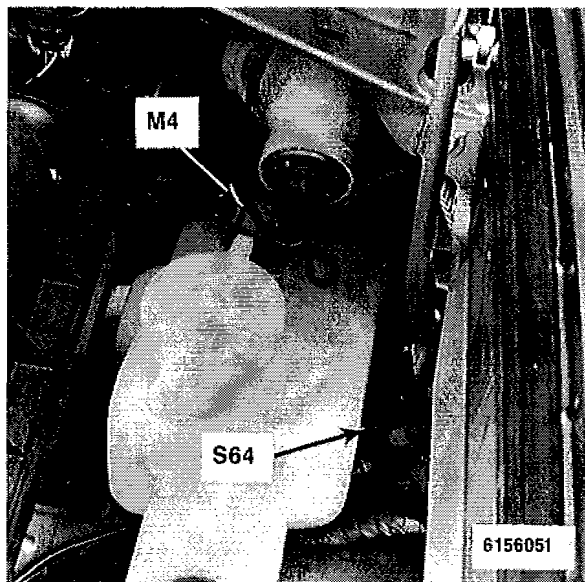


Figure 1- RH Front Corner Of Engine Compartment (M30 Engine Shown; M50 And S38 Engines Similar)

- M4 Washer Pump**
- S64 Washer Fluid Level Switch**



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

- B8y Pressure Switch**
- B9y Pressure Switch**
- B9508 Pressure Switch**

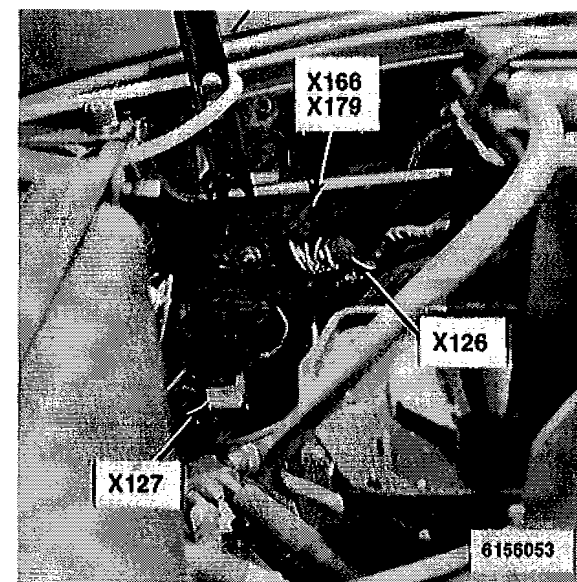


Figure 3- RH Front Corner Of Engine Compartment (M50 Engine Shown; M30 and S38 Engines Similar)

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

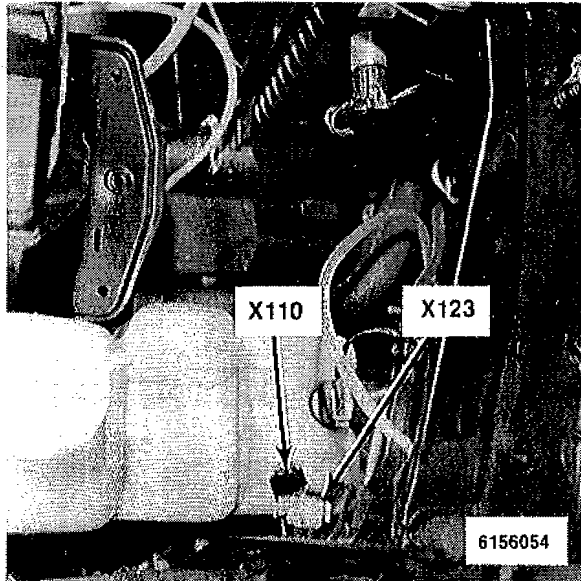


Figure 1- RH Front Corner Of Engine Compartment (M50 Engine Shown; M30 And S38 Engines Similar)

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

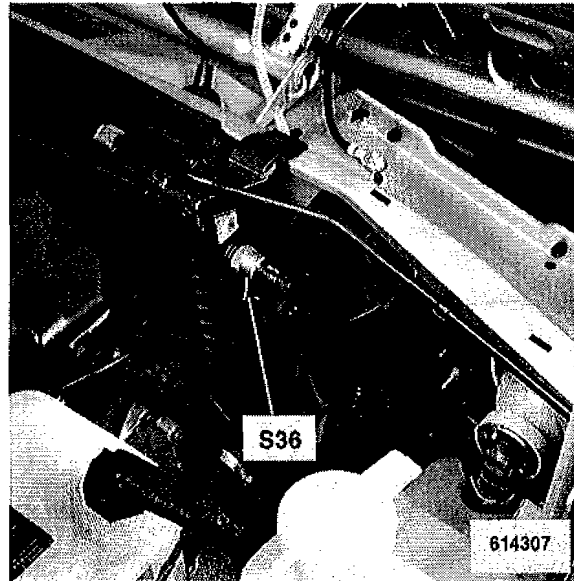


Figure 2- Top RH Side Of Radiator (S38 Engine Shown; M30 And M50 Engines Similar)

S36 Temperature Switch

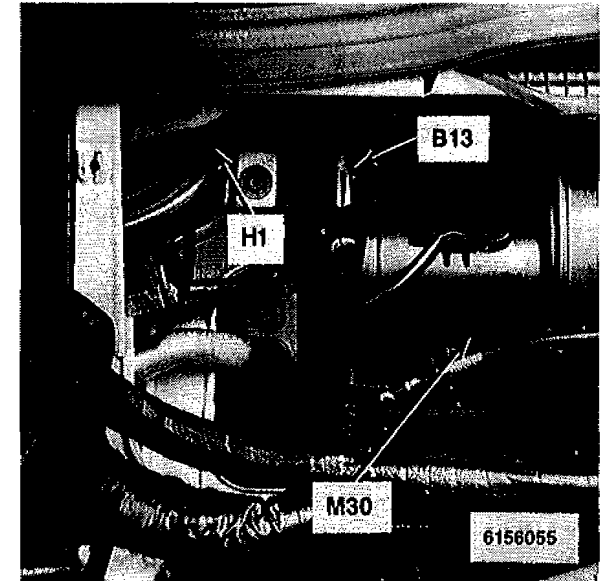


Figure 3- Behind Center Of Fresh Air Cowl Panel

B13 Outside Temperature Sensor
H1 Antitheft Horn
M30 Blower Motor

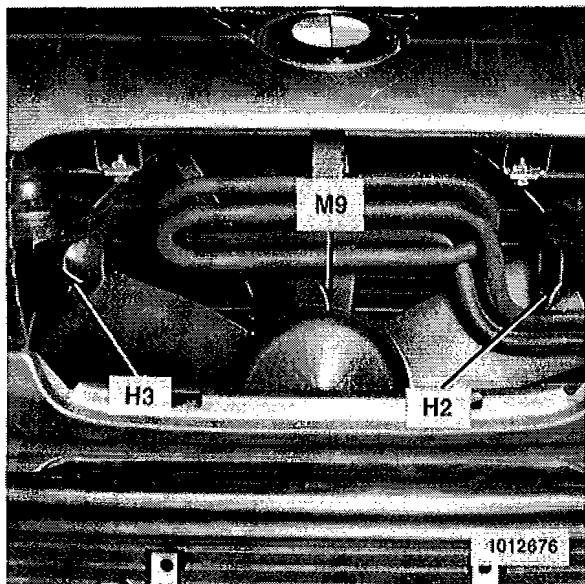


Figure 1- Front Of Car (Grille Removed)

- H2 Left Horn**
- H3 Right Horn**
- M9 Auxilliary Fan Motor**

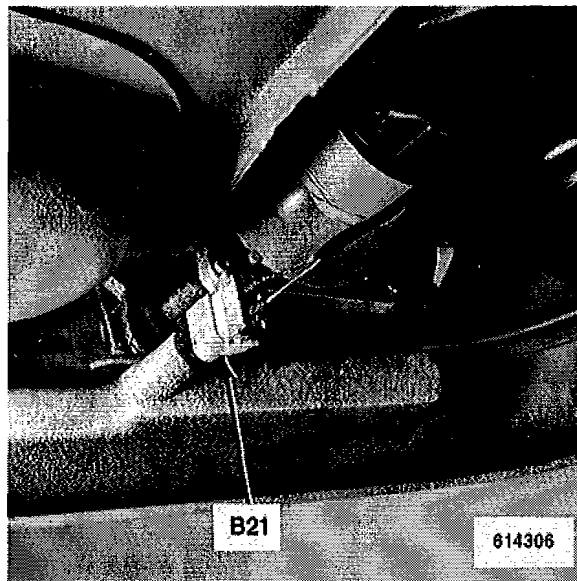


Figure 2- Behind RH Corner Of Front Bumper

- B21 On-Board Computer Temperature Sensor**

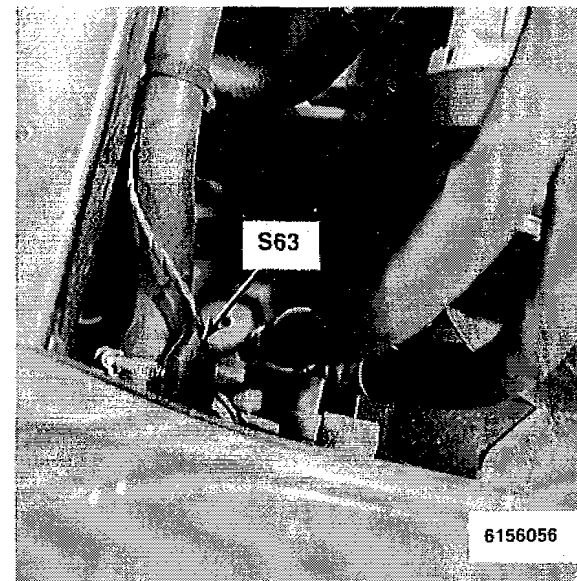


Figure 3- Lower LH Front Of Engine Compartment (M50 Engine)

- S63 Coolant Level Switch**

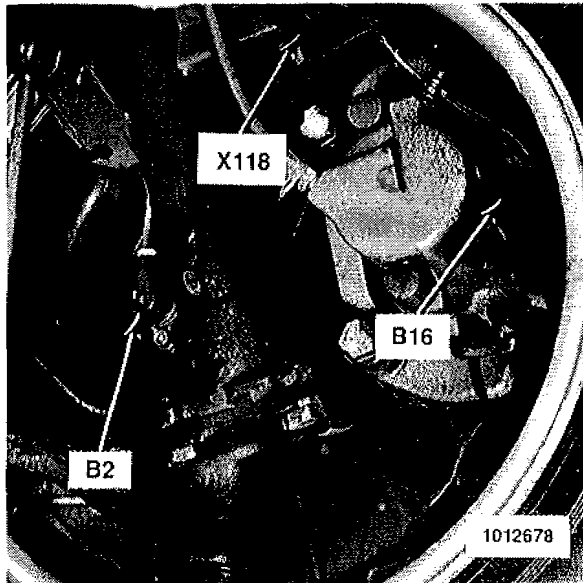


Figure 1- Behind LH Front Wheel

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

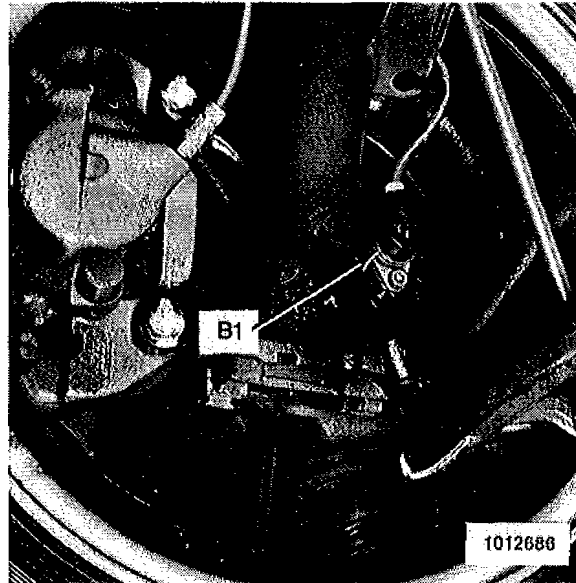


Figure 2- Behind RH Front Wheel

- B1 Right Front Speed Sensor

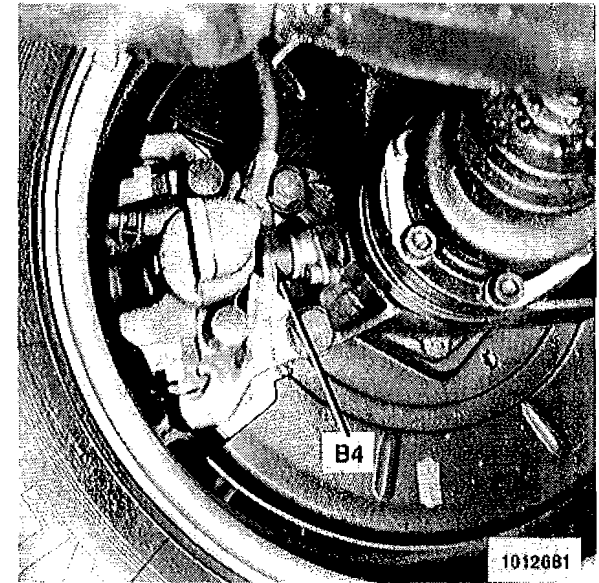


Figure 3- Behind LH Rear Wheel

- B4 Left Rear Speed Sensor

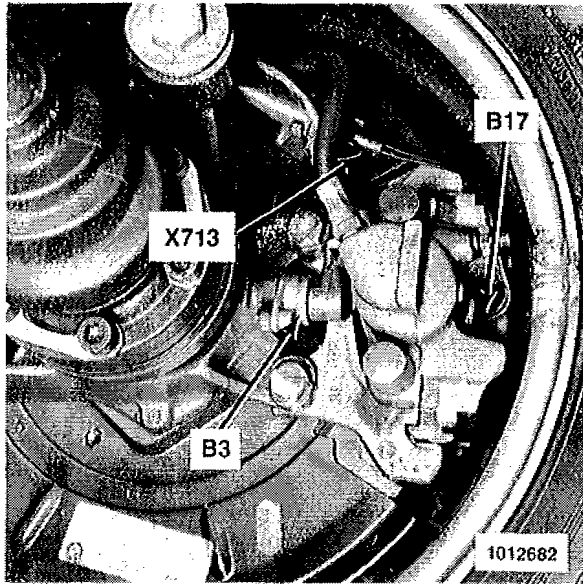


Figure 1- Behind RH Rear Wheel

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

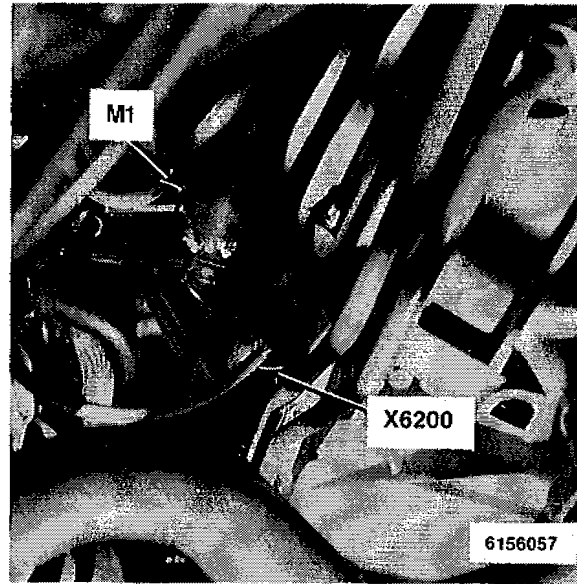


Figure 2- Lower LH Side Of Engine (M50 Engine)

- M1** Starter
- X6200** Connector (4 pins) SW

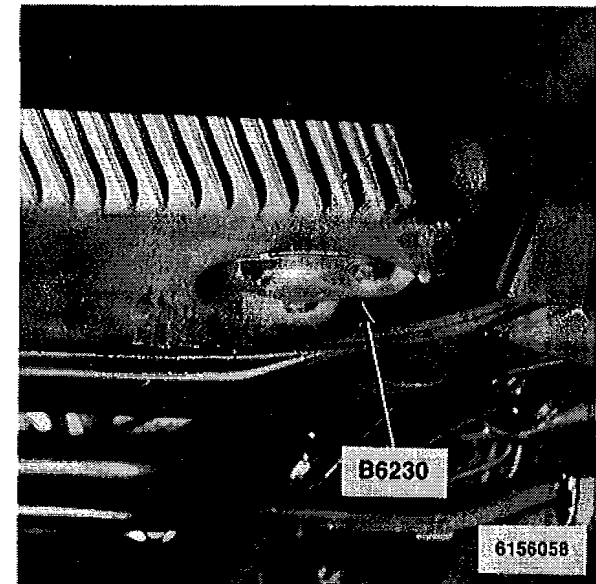


Figure 3- Lower Front Of Engine (M30 Engine Shown; M50 And S38 Engines Similar)

- B6230** Oil Level

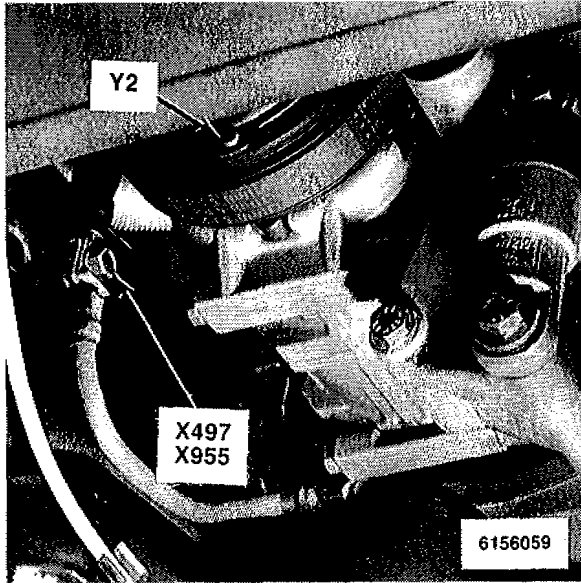


Figure 1- Lower RH Front Of Engine (M50 Engine Shown; M30 And S38 Engines Similar)

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

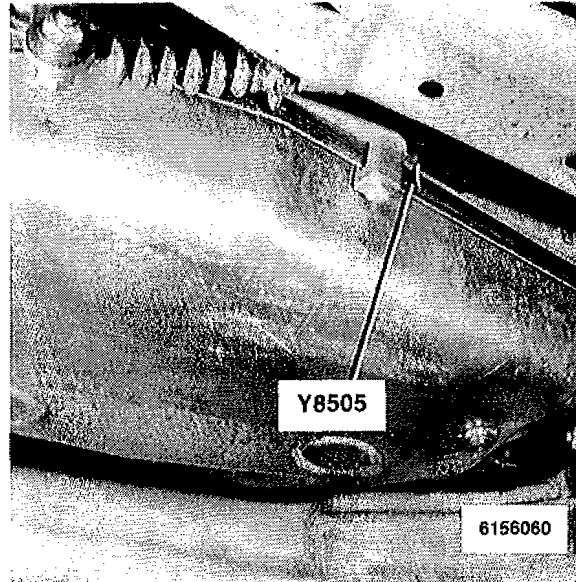


Figure 2- LH Side Of Transmission

- Y8505 Transmission Gear-Shift Unit**

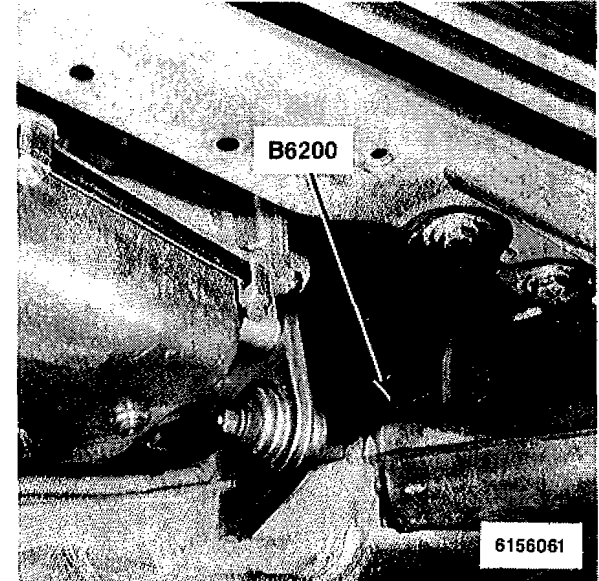


Figure 3- LH Side Of Transmission (M30 Engine Shown; M50 Similar)

- B6200 Heated Oxygen Sensor**



COMPONENT LOCATION VIEWS



Figure 1- LH Side Of Transmission (S38 Engine)

B6200 Oxygen Sensor

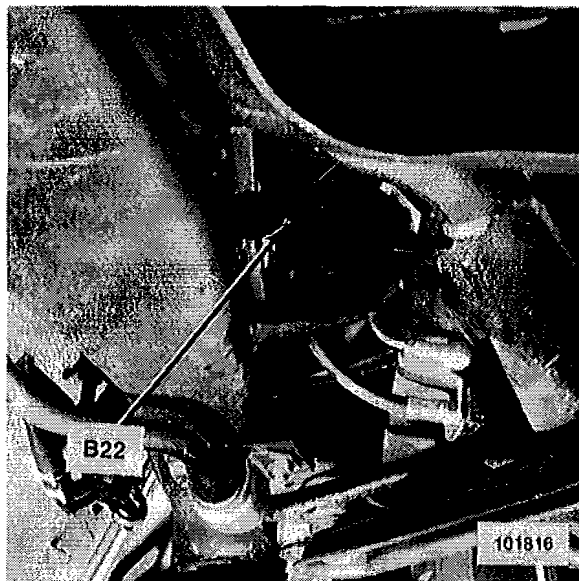


Figure 2- Below RH Rear Of Car

B22 Wheel Camber Control Unit

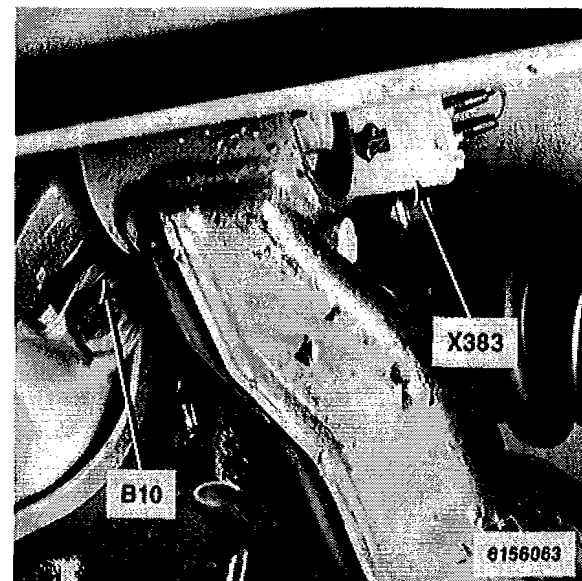


Figure 3- Below Rear Of Car, On Rear Differential

**B10 Vehicle Speed Sensor
X383 Connector (2 pins) GE**

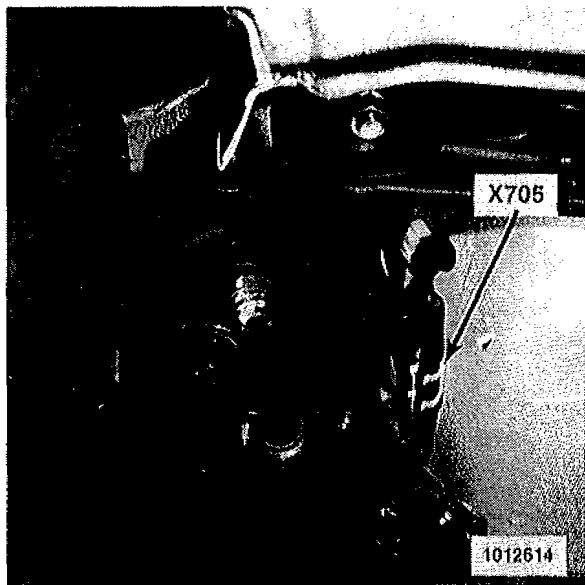


Figure 1- Below Rear Of Car, Forward Of Wheel Well

X705 Connector (2 pins) SW

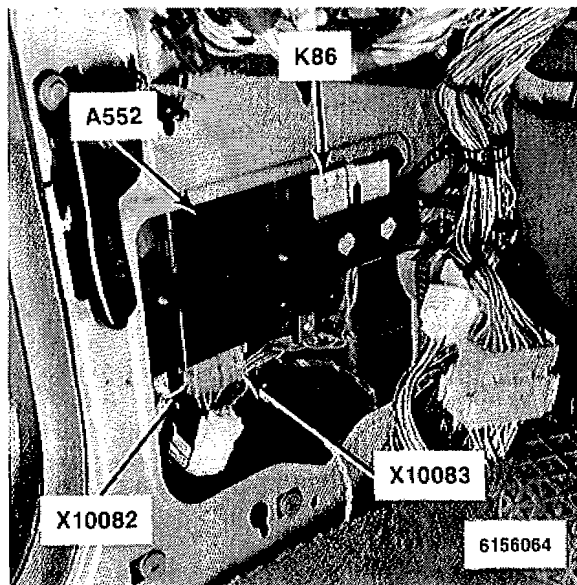


Figure 2- Inside LH Kick Panel

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

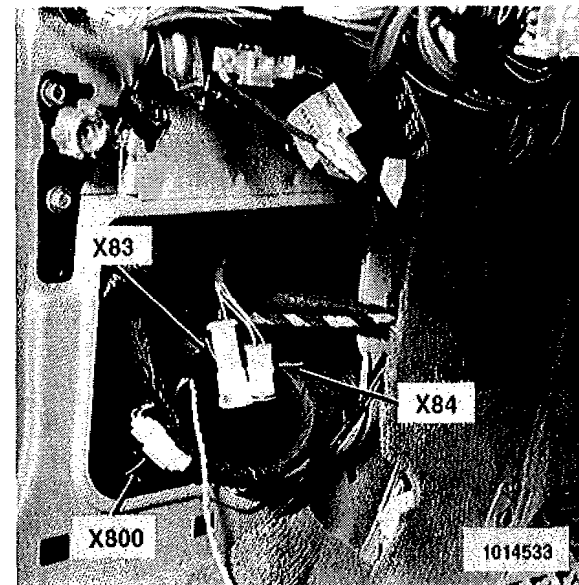


Figure 3- Inside LH Kick Panel

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

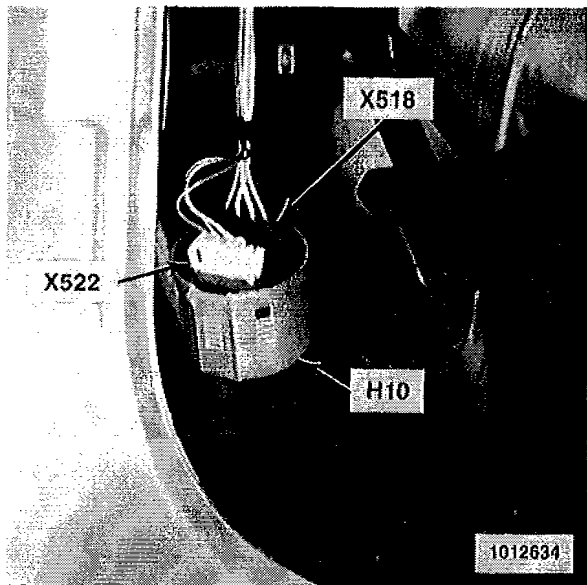


Figure 1- Below LH Side Of Dash (Hush Panel Removed)

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

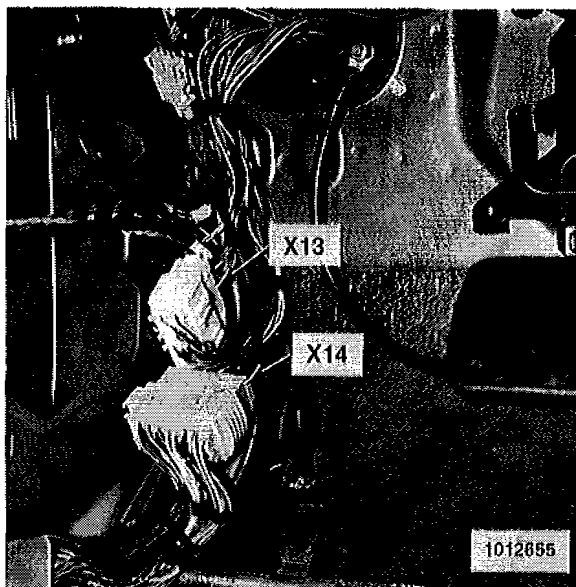


Figure 2- Below LH Side Of Dash, Below Driver's Footrest

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

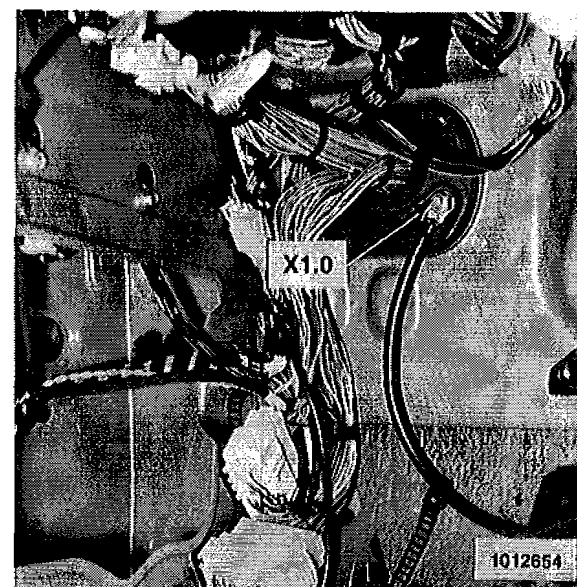


Figure 3- Below LH Side Of Dash, Top Of Kick Panel

- X1 B+ Junction Point For Front Power Distribution Box**

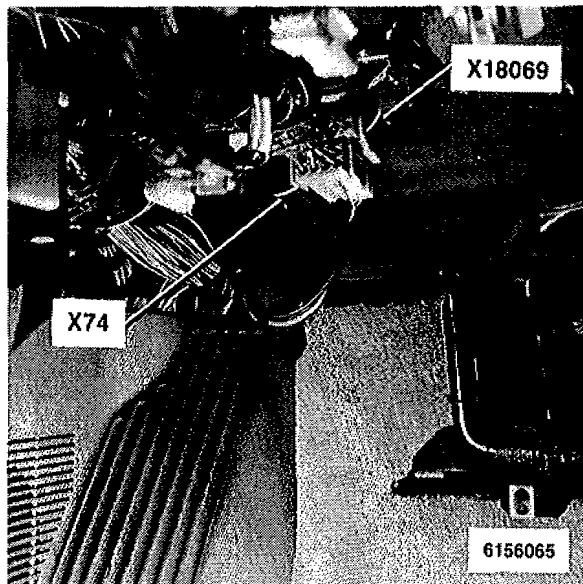


Figure 1- Below LH Side Of Dash, LH Side Of Steering Column

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

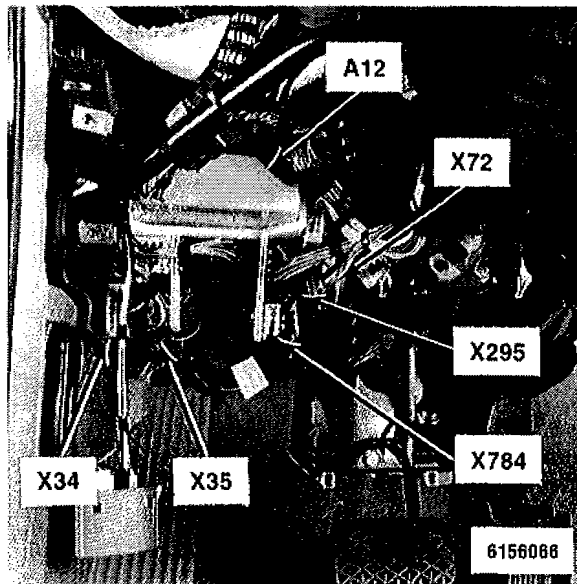


Figure 2- Below LH Side Of Dash, Left Of Steering Column

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

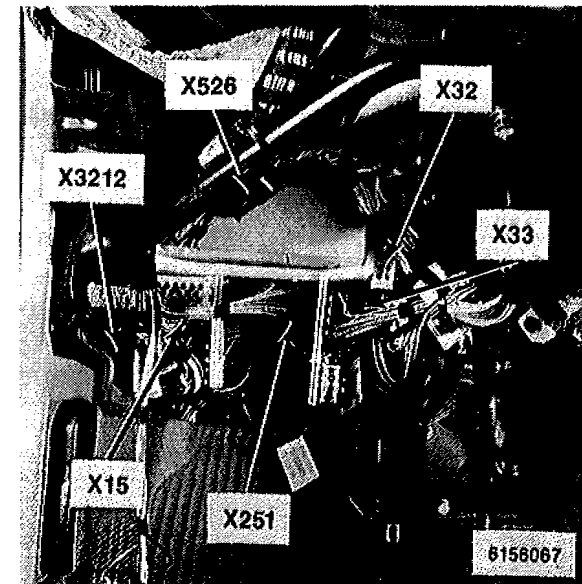


Figure 3- Below LH Side Of Dash, Left Of Steering Column

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

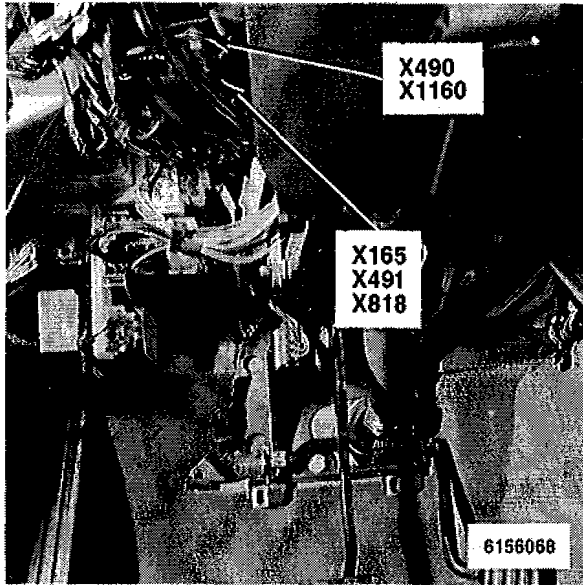


Figure 1- Below LH Side Of Dash, Left Of Steering Column

- X165 Ground
- X490 Ground
- X491 Ground
- X818 Ground
- X1160 Ground



Figure 2- Inside Steering Wheel

- C100 Contact Ring
- G5 Driver's Air Bag Generator

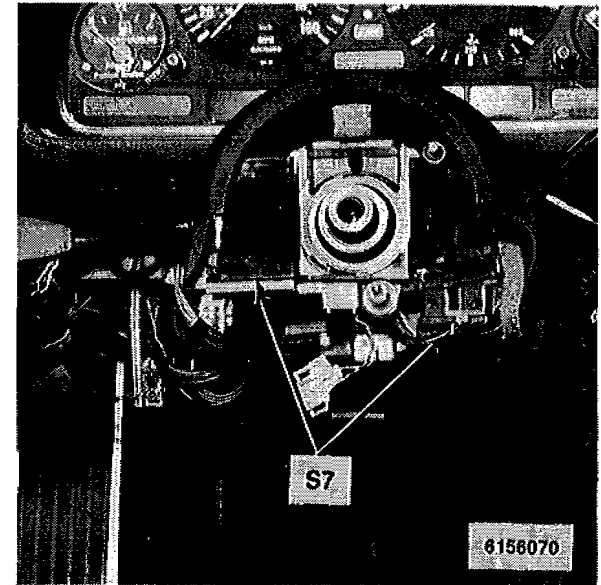


Figure 3- Top Of Steering Column (Steering Wheel Removed)

- S7 Combination Switch

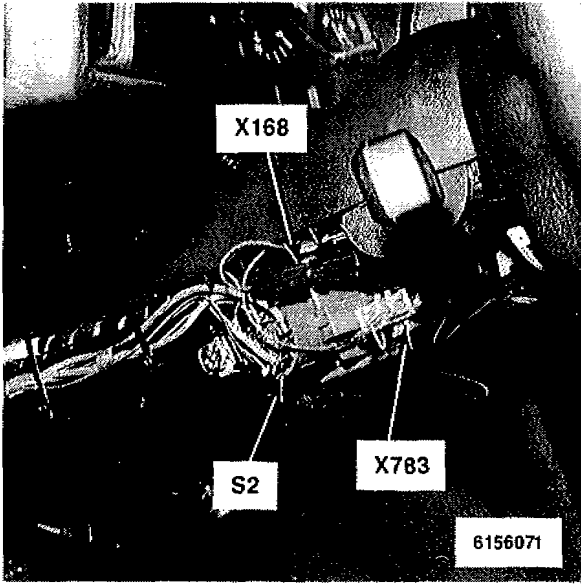


Figure 1- Underside Of Steering Column

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

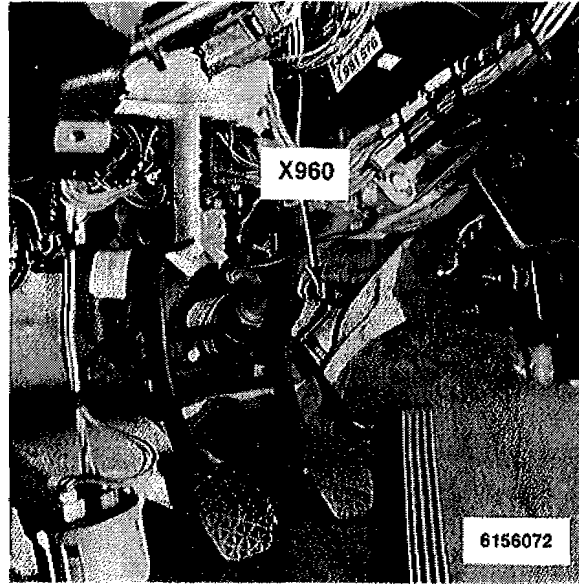


Figure 2- Below LH Side Of Dash

- X960 B+ Junction Point

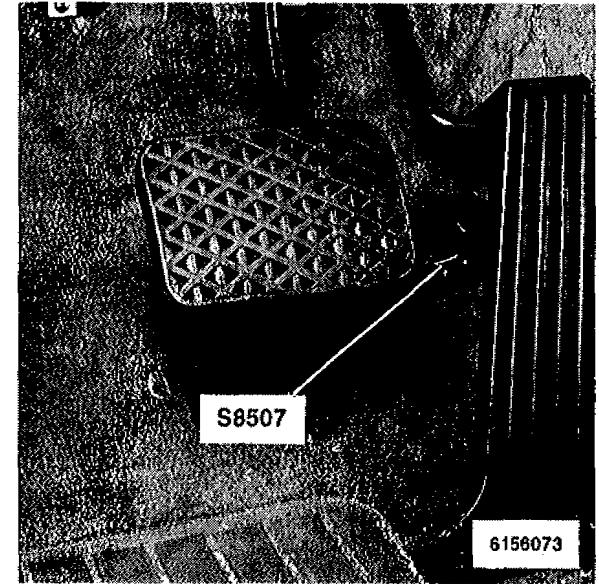


Figure 3- Below LH Side Of Dash

- S8507 Transmission Kickdown Switch

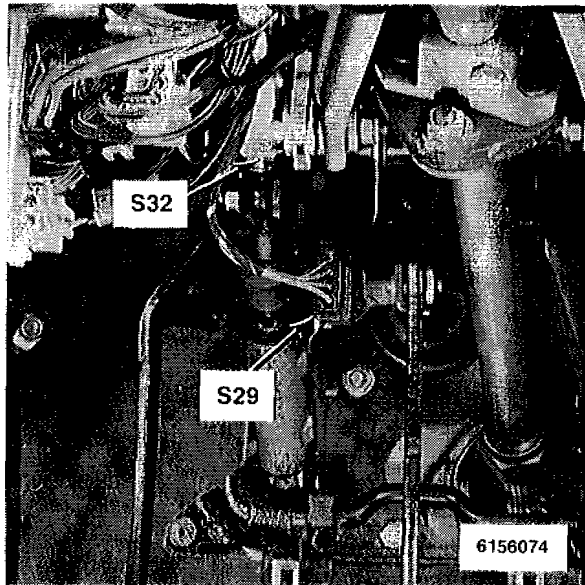


Figure 1- Below LH Side Of Dash

- S29 Brake Light Switch**
- S32 Clutch Switch**

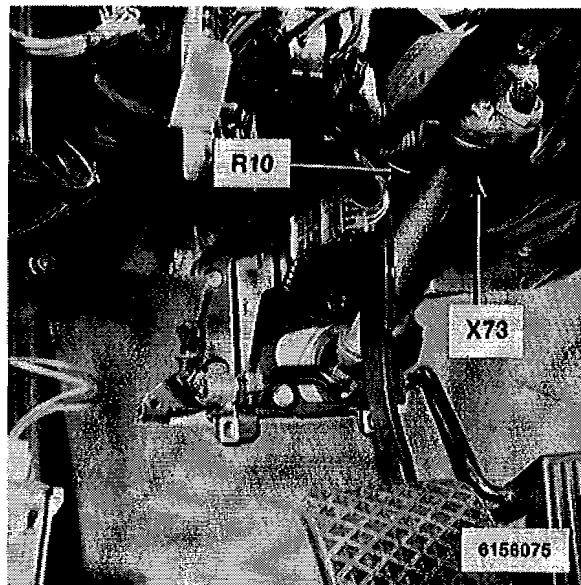


Figure 2- Below LH Side Of Dash

- R10 Pedal Position Sensor**
- X73 Connector (8 pins) SW**

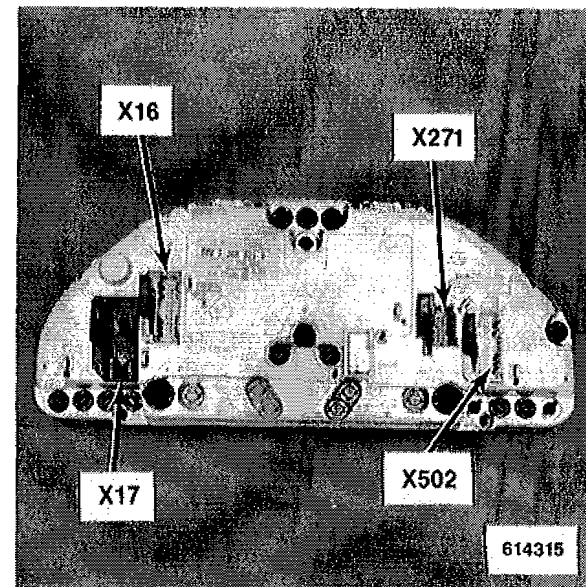


Figure 3- Rear Of Instrument Cluster

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

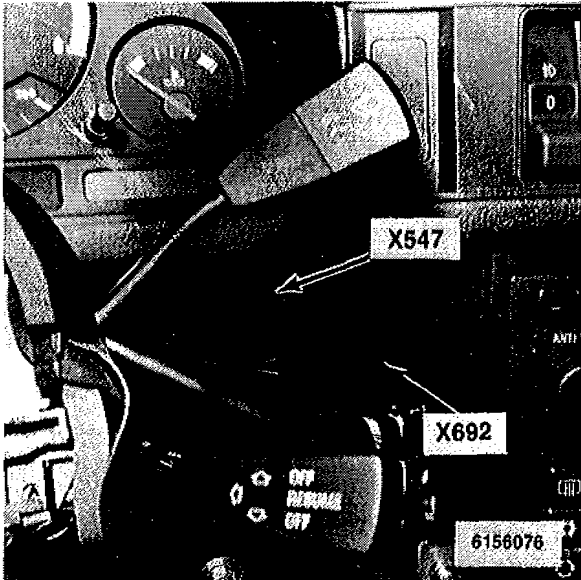


Figure 1- Right Of Steering Column

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

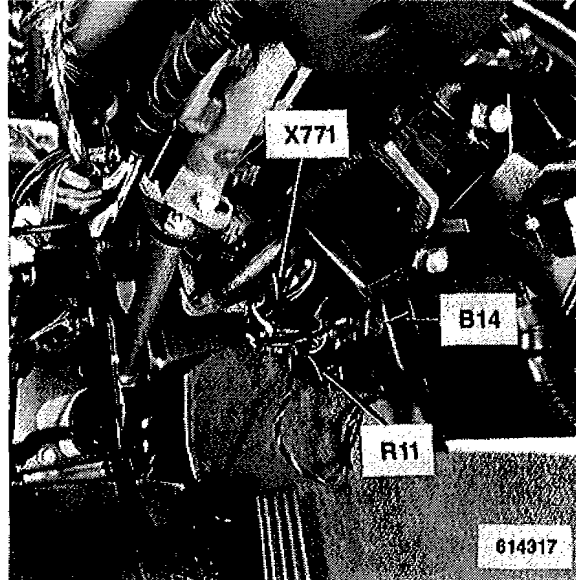


Figure 2- Below Center Of Dash, LH Side Of IHKR 2 Plenum

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

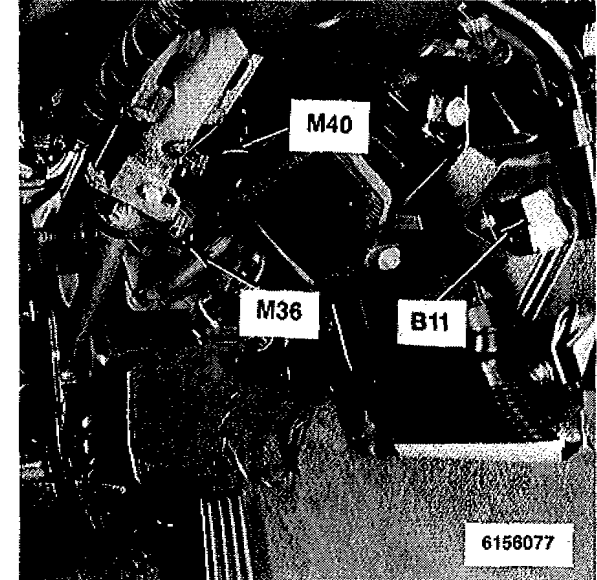
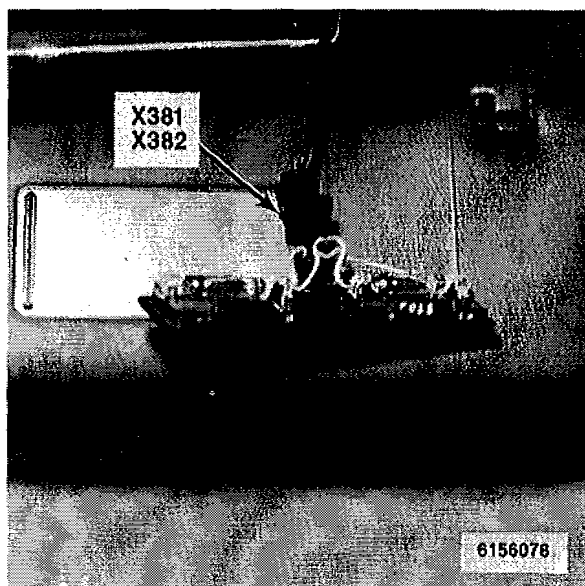


Figure 3- Below Center Of Dash, LH Side Of IHKR 2 Plenum

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



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

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

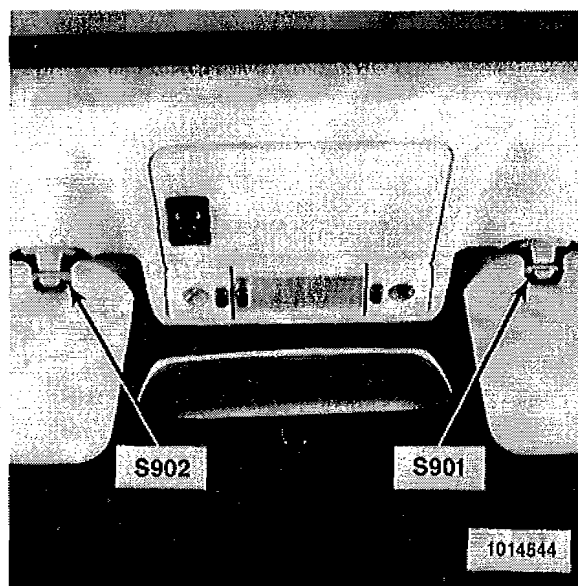


Figure 2- Center Of Windshield Header

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

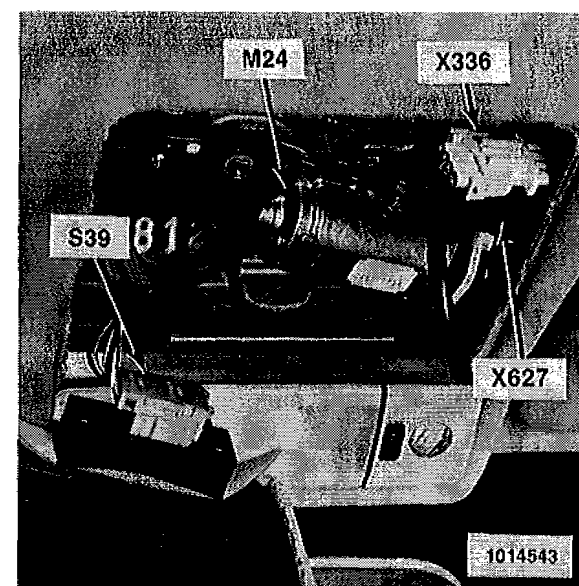


Figure 3- Center Of Windshield Header

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

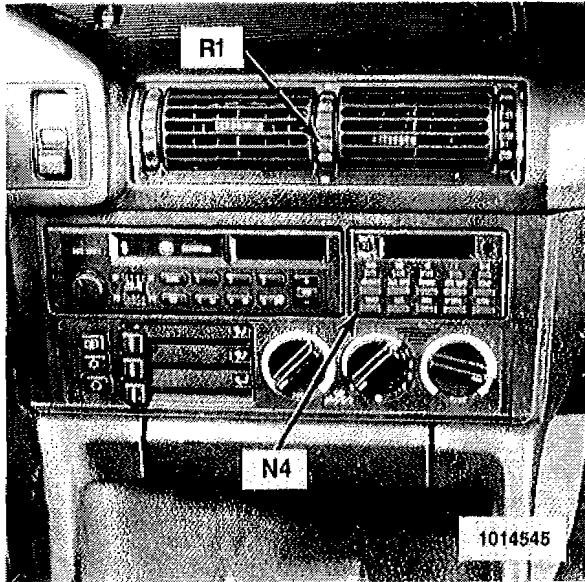


Figure 1- Center Of Dash

- N4 On-Board Computer**
- R1 Temperature Distribution Potentiometer**

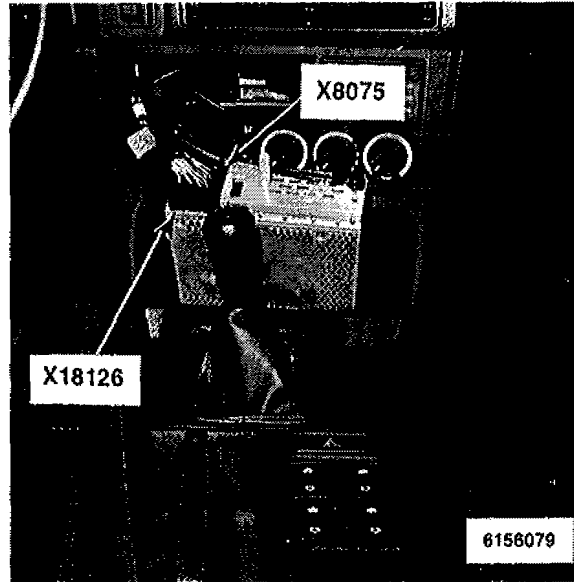


Figure 2- Behind Center Of Dash

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

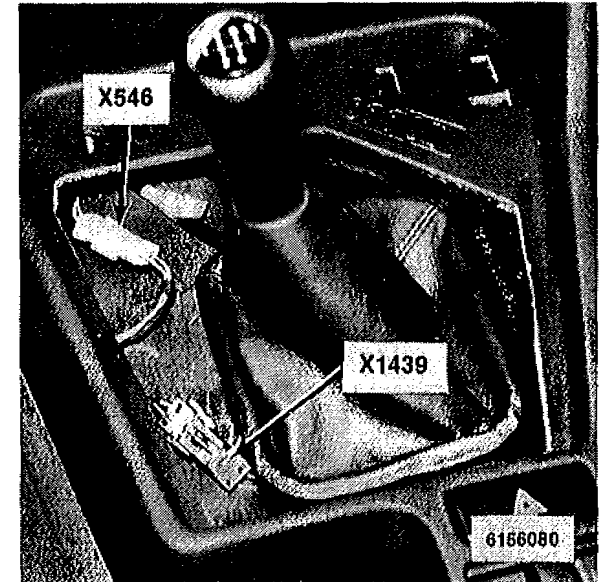


Figure 3- Below Center Of Console

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

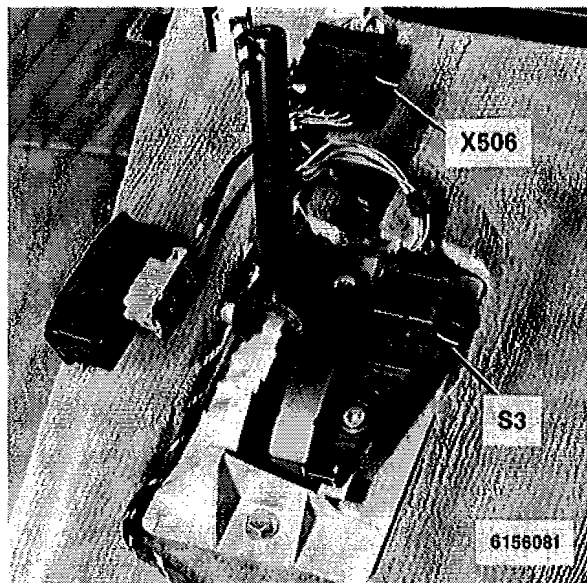


Figure 1- Below Center Console (Console Removed)

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

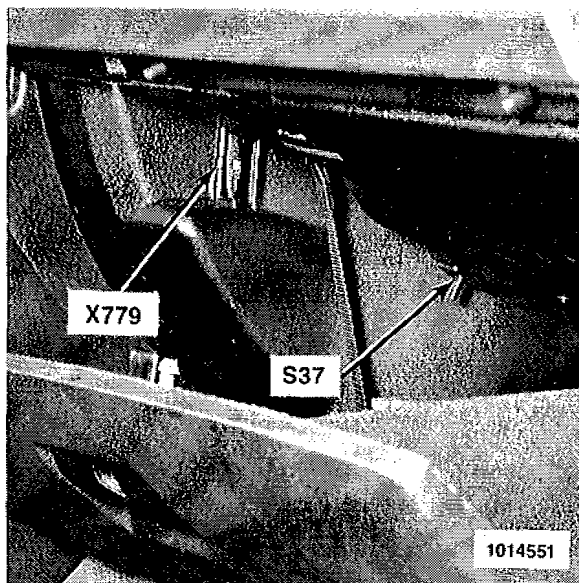


Figure 2- In LH Side Of Glove Box

- S37 Glove Box Light Switch**
- X779 Charging Plug**

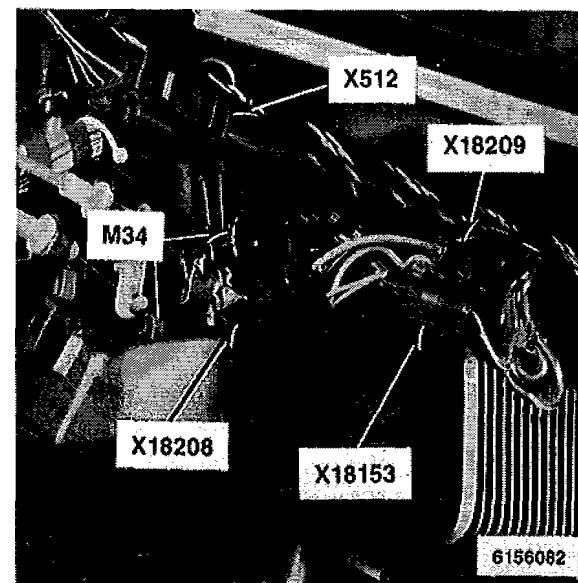


Figure 3- Below Center Of Dash, RH Side Of IHKR2 Plenum

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

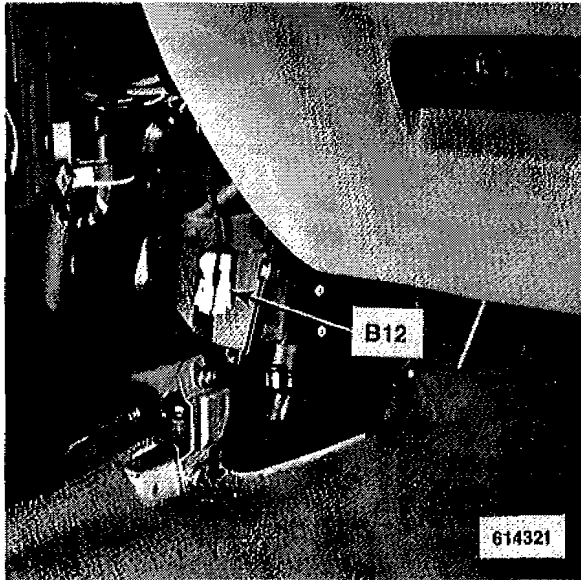


Figure 1- Below Center Of Dash, RH Side Of IHKR 2 Plenum

B12 Right Heat Exchanger Temperature Sensor

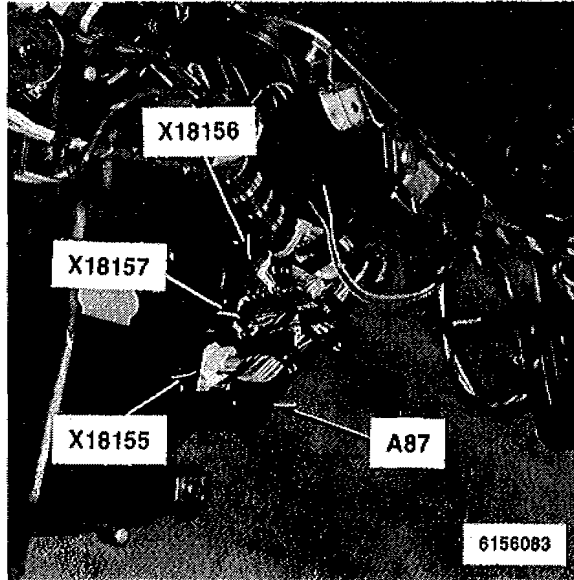


Figure 2- Below Center Of Dash, RH Side Of IHKR 2 Plenum

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

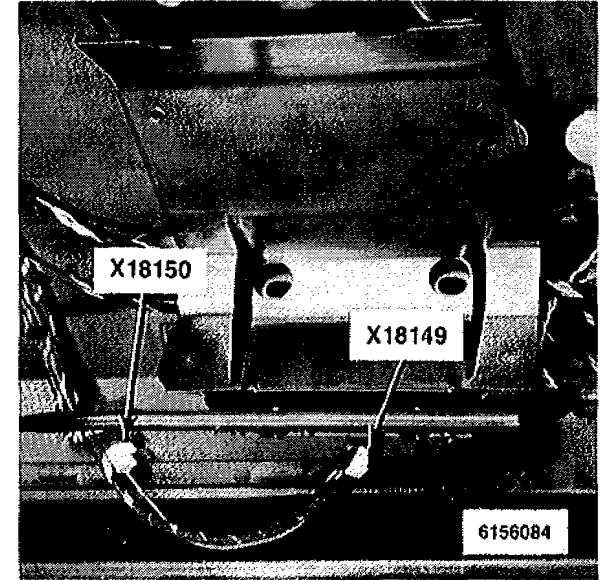


Figure 3- Behind Glove Box

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

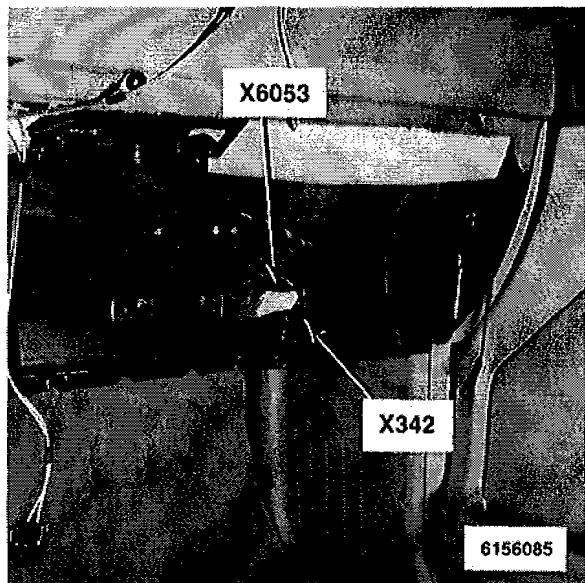


Figure 1- Behind RH Side Of Glove Box

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

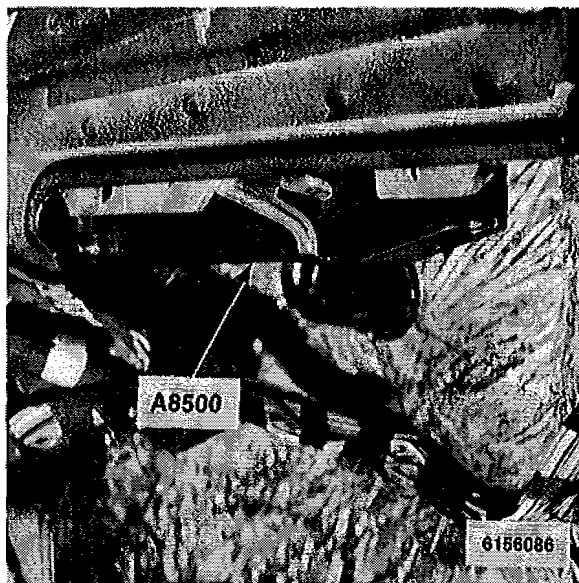


Figure 2- Inside RH Kick Panel

A8500 EGS Control Unit

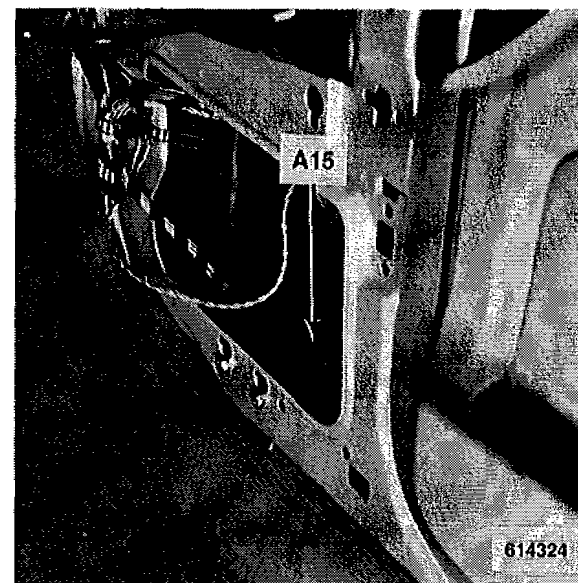


Figure 3- Inside RH Kick Panel

A15 Park Heating Ventilation Box

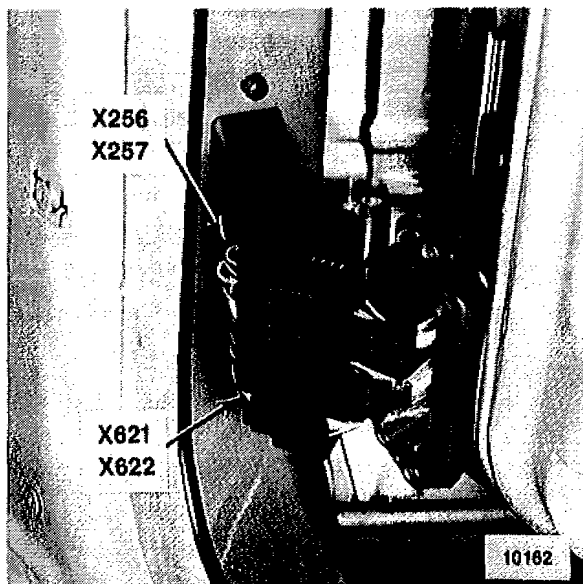


Figure 1- Front Of Passenger's Door Jamb (Driver's Similar)

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

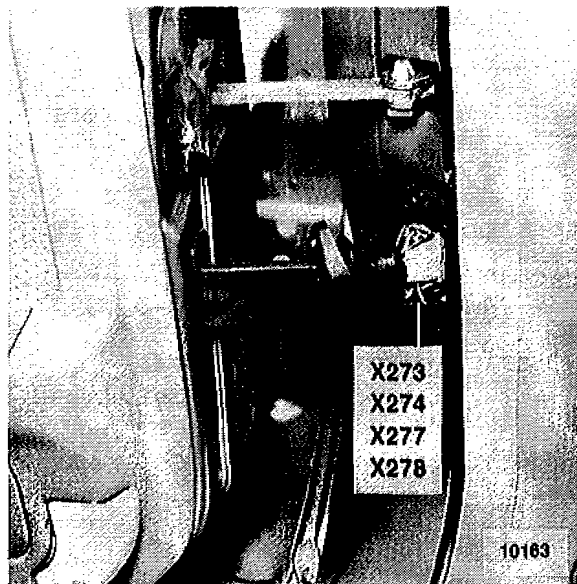


Figure 2- Front Of LH Rear Door Jamb (RH Rear Similar)

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

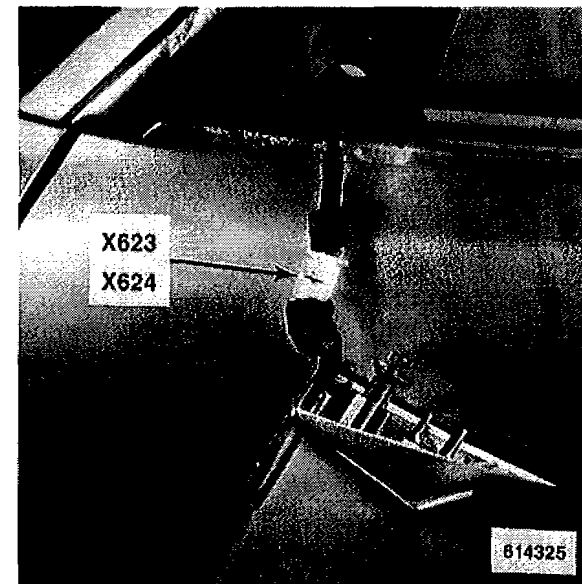
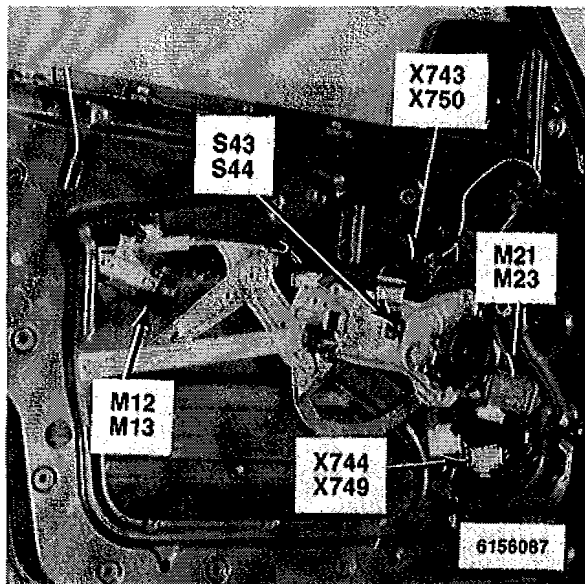


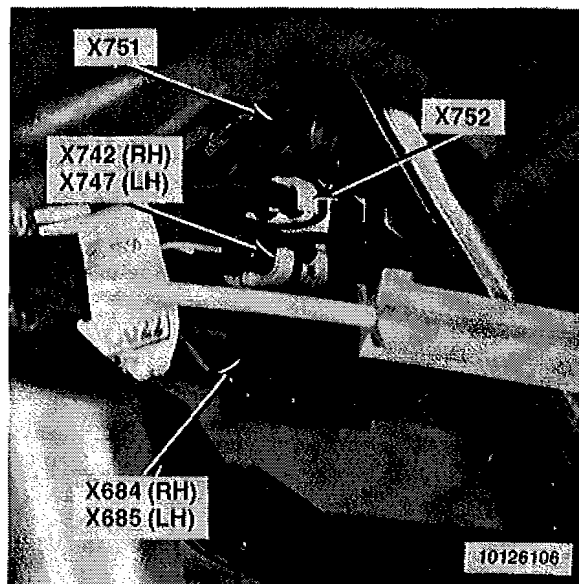
Figure 3- Top Front of Driver's Door (Passenger's Similar)

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



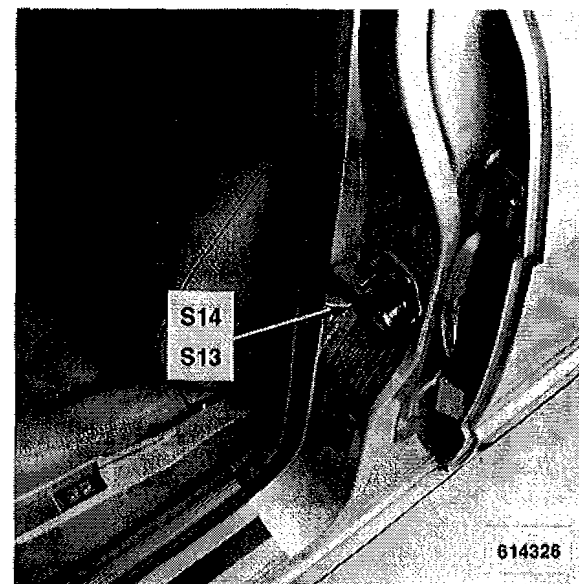
**Figure 1- Behind Driver's Door Panel
(Passenger's Similar)**

- M12 Driver's Door Lock Motor**
- M13 Passenger's Door Lock Motor**
- M21 Driver's Window Motor**
- M23 Passenger's Window Motor**
- S43 Driver's Window Limit Switch**
- S44 Passenger's Window Limit Switch**
- X743 Connector (2 pins) (RH) SW**
- X744 Connector (2 pins) (RH) GR**
- X749 Connector (2 pins) (LH) GR**
- X750 Connector (2 pins) (LH) SW**



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

- X684 Connector (3 pins) (RH) SW**
- X685 Connector (3 pins) (LH) SW**
- X742 Connector (2 pins) (RH) GE**
- X747 Connector (2 pins) (LH) GE**
- X751 Connector (2 pins) GR**
- X752 Connector (2 pins) WS**



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

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

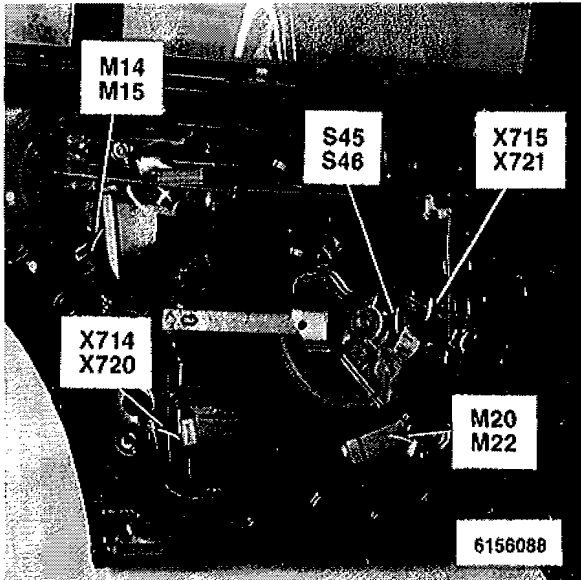


Figure 1- Behind LH Rear Door Panel (RH Rear Similar)

- M14 Right Rear Door Lock Motor
- M15 Left Rear Door Lock Motor
- M20 Left Rear Window Motor
- M22 Right Rear Window Motor
- S45 Left Rear Window Limit Switch
- S46 Right Rear Window Limit Switch
- X714 Connector (2 pins) (LH) GR
- X715 Connector (2 pins) (LH) SW
- X720 Connector (2 pins) (RH) GR
- X721 Connector (2 pins) (RH) SW

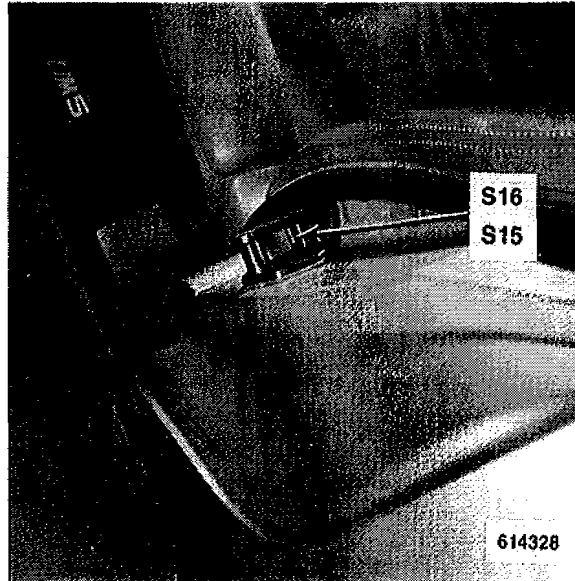


Figure 2- Rear Of LH Rear Door Jamb (RH Rear Similar)

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

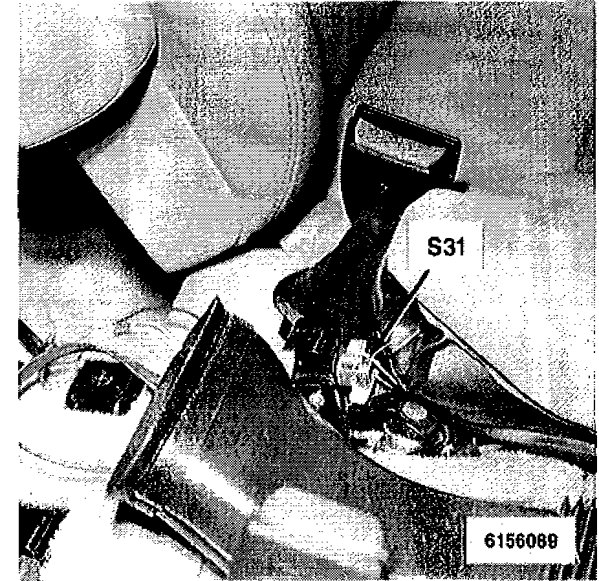


Figure 3- Below Rear Of Center Console

- S31 Park Brake Switch

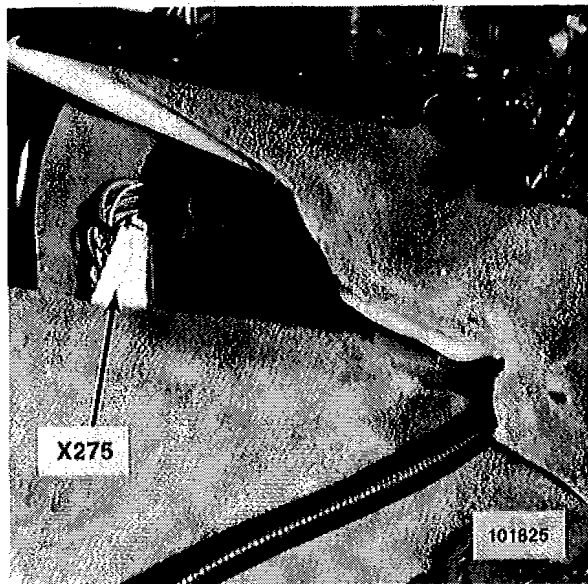


Figure 1- Under Driver's Seat (With Memory)

X275 Connector (12 pins) WS

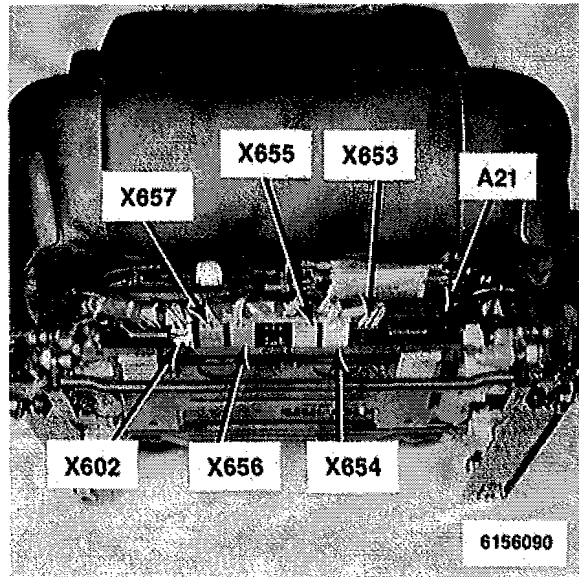


Figure 2- Under Driver's Seat

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

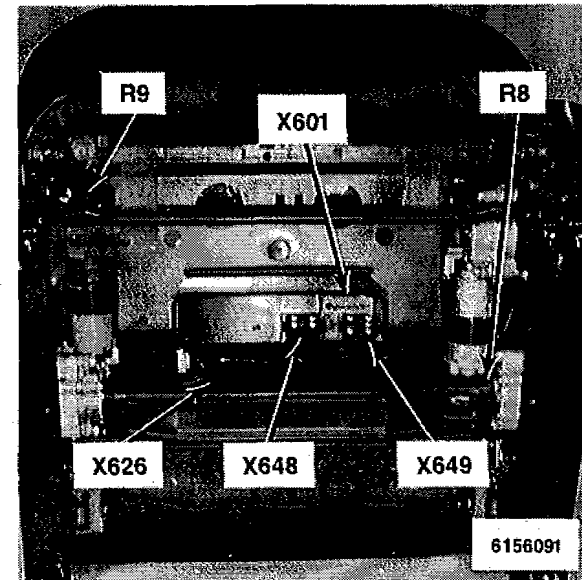


Figure 3- Under Driver's Seat

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

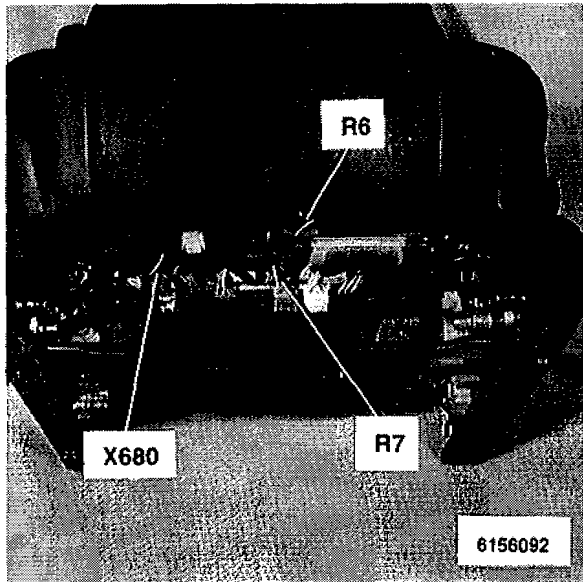
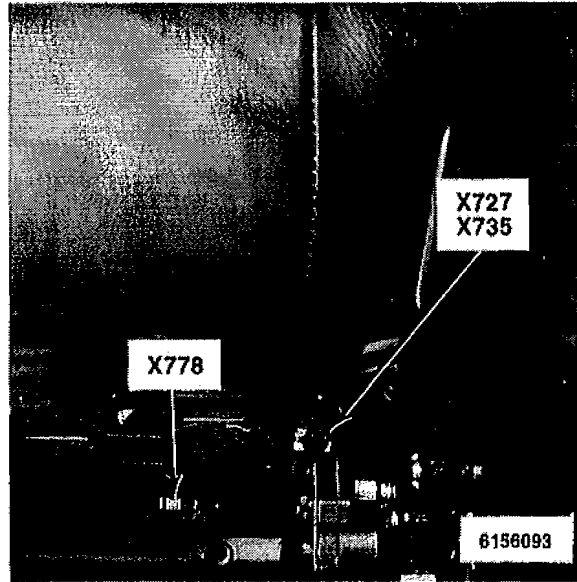


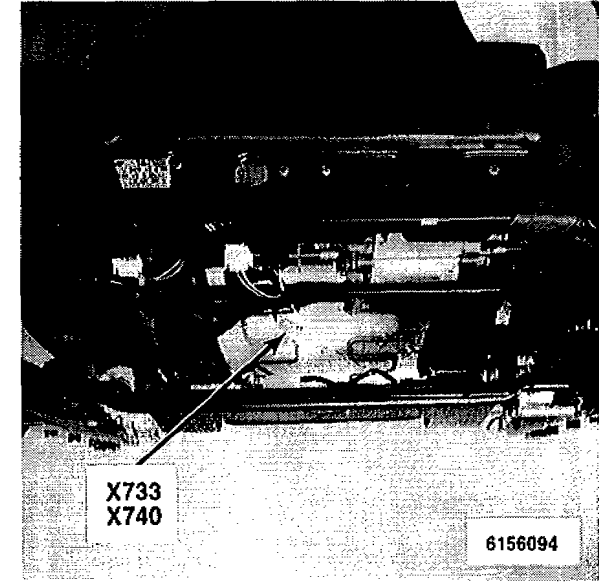
Figure 1- Under Front Of Driver's Seat

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



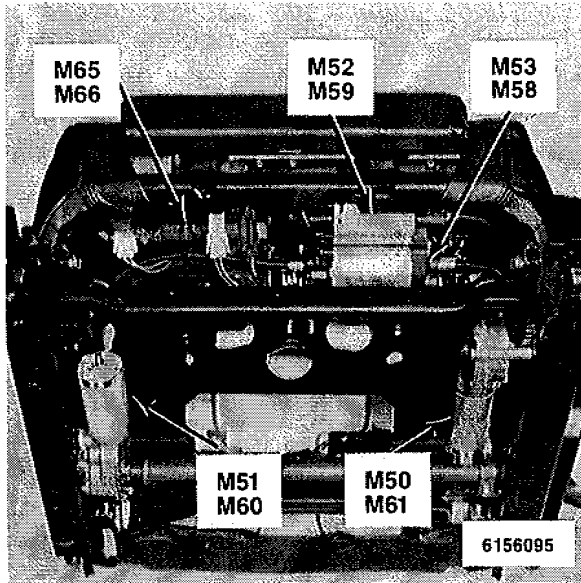
**Figure 2- Under Front Of Driver's Seat
(Passenger's Similar)**

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



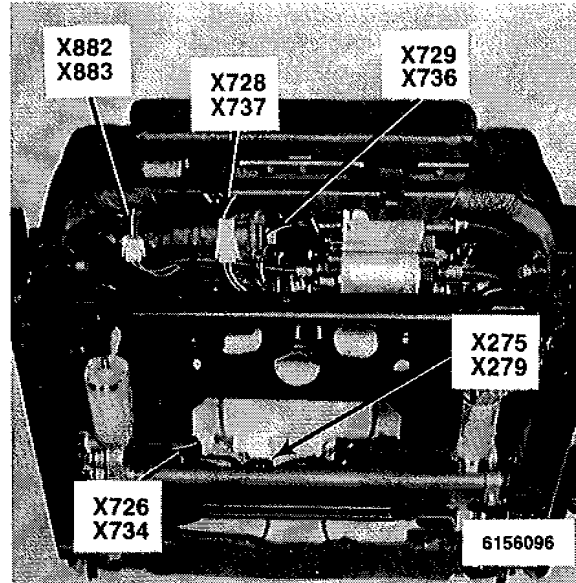
**Figure 3- Under Driver's Seat
(Passenger's Similar)**

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



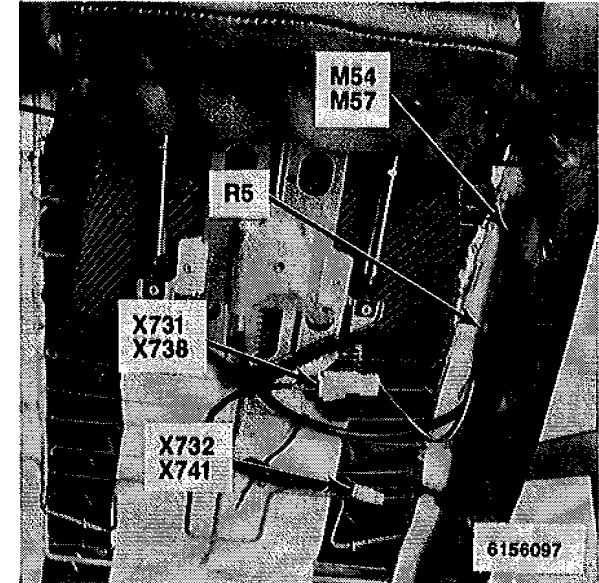
**Figure 1- Under Driver's Seat
(Passenger's Similar)**

- M50 Driver's Seat Cushion Tilt Motor**
- M51 Driver's Seat Movement Motor**
- M52 Driver's Seat Height Motor**
- M53 Driver's Seatback Recliner Motor**
- M58 Passenger's Seatback Recliner Motor**
- M59 Passenger's Seat Height Motor**
- M60 Passenger's Seat Movement Motor**
- M61 Passenger's Seat Cushion Tilt Motor**
- M65 Driver's Thigh Support Motor**
- M66 Passenger's Thigh Support Motor**



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

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



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

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

FIG. 1

B080002.00

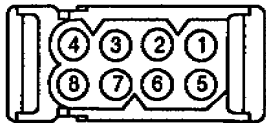


FIG. 2

B080004.00

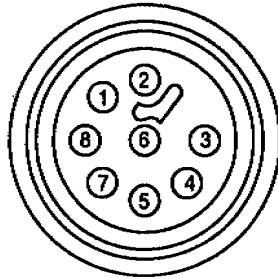


FIG. 3

B030001.00

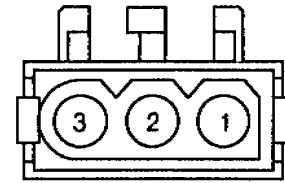


FIG. 4

B090006.00



FIG. 5

B030015.00

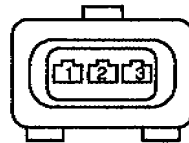
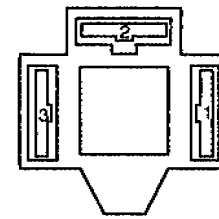


FIG. 6

B030014.00



CONNECTOR VIEWS

FIG. 1

B060017.00

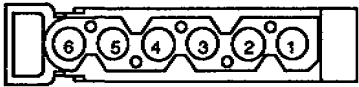


FIG. 2

B030004.00



FIG. 3

B030013.00

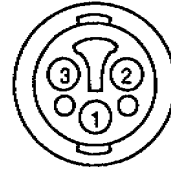


FIG. 4

B030005.00

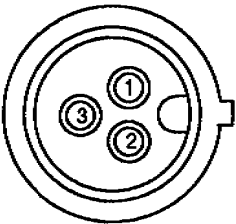


FIG. 5

B030012.00



FIG. 6

B060022.00

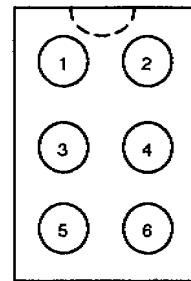


FIG. 1

B030003.04

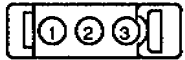


FIG. 2

B050005.00

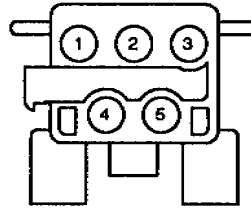


FIG. 3

B0300010.00

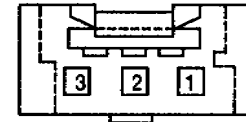


FIG. 4

B060002.00

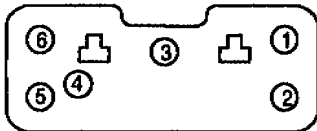


FIG. 5

B060002.00

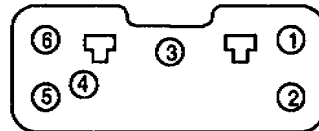
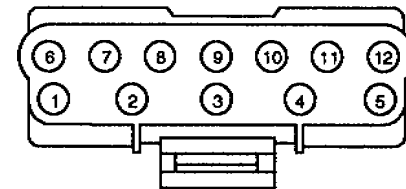


FIG. 6

B120006.00





CONNECTOR VIEWS

FIG. 1

B060006.00

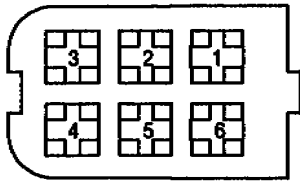


FIG. 2

B050003.00



FIG. 3

B040004.00



FIG. 4

B04009.00

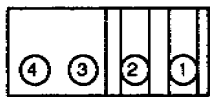


FIG. 5

B040002.00

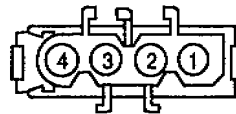
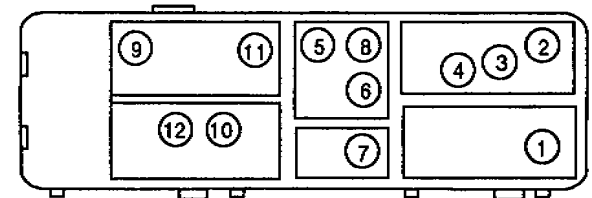


FIG. 6

B120008.00





CONNECTOR VIEWS

FIG. 1

B100002.00

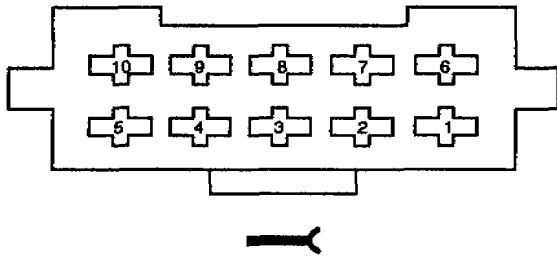


FIG. 2

B120009.00

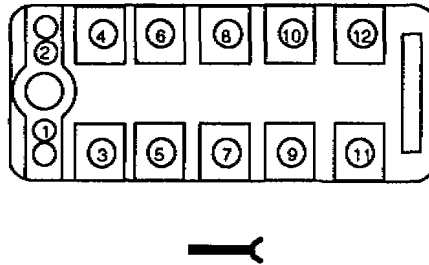


FIG. 3

B080006.00

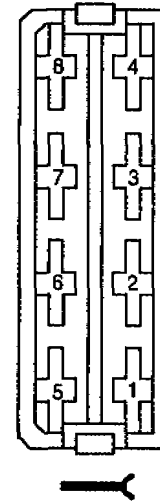


FIG. 4

B060013.00

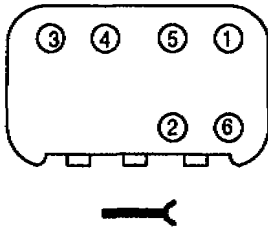


FIG. 5

B030009.00

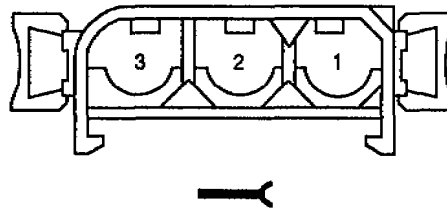


FIG. 6

B130002.00

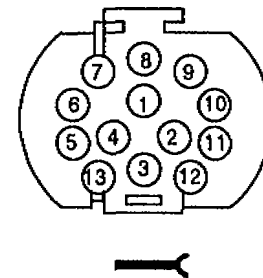


FIG. 1

B210002.00

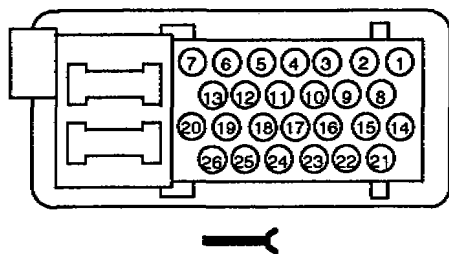


FIG. 2

B120011.00

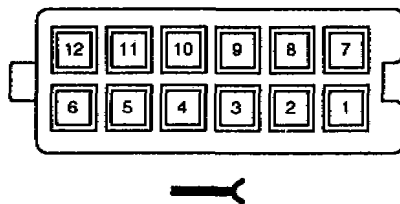


FIG. 3

B120011.00

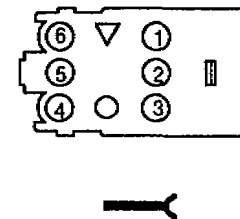


FIG. 4

B200001.00

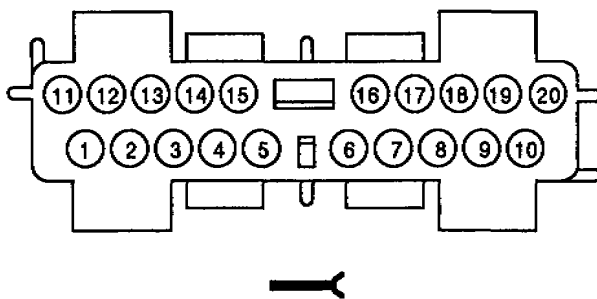


FIG. 5

B120005.00

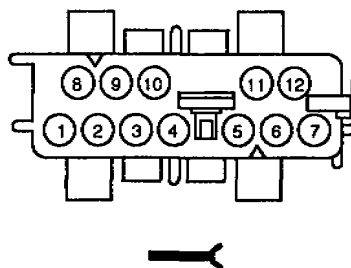
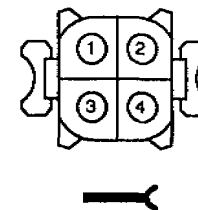


FIG. 6

B040010.00





CONNECTOR VIEWS

FIG. 1

B180000.00

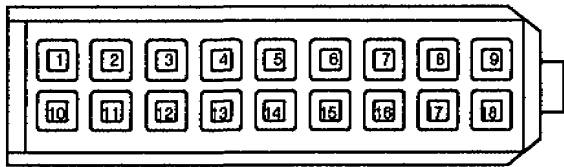


FIG. 2

B060023.00

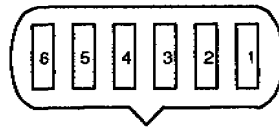


FIG. 3

B060016.00

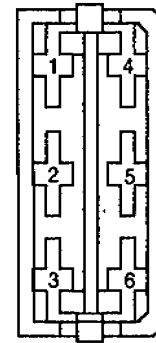


FIG. 4

B060009.00

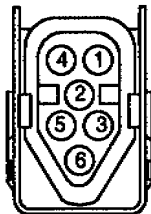


FIG. 5

B030018.00

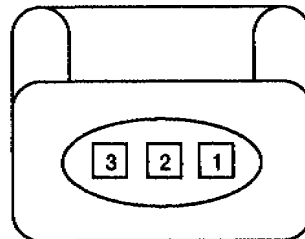


FIG. 6

B060030.00

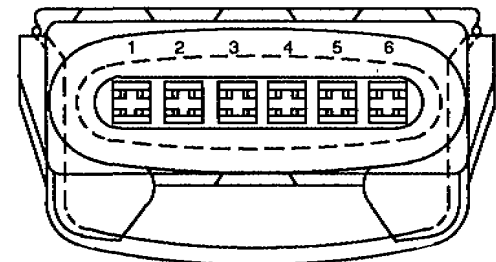


FIG. 1

B170001.00

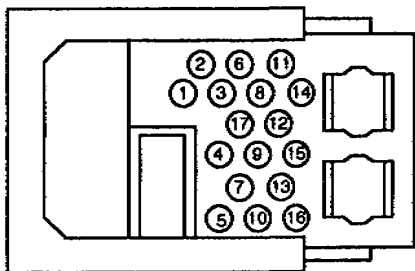


FIG. 2

B060011.00

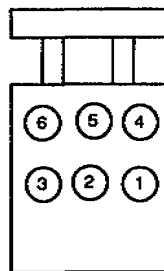


FIG. 3

B030016.00

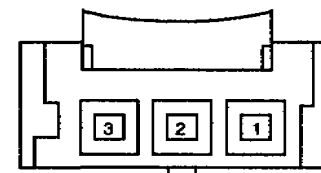


FIG. 4

B060010.01

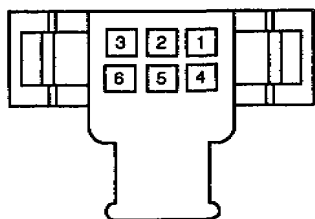


FIG. 5

B040013

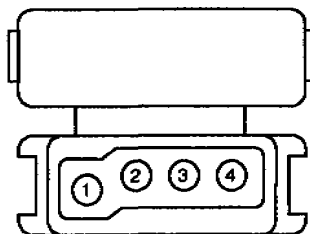
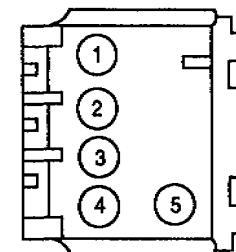


FIG. 6

B050002.00





CONNECTOR VIEWS

FIG. 1

B880001.00

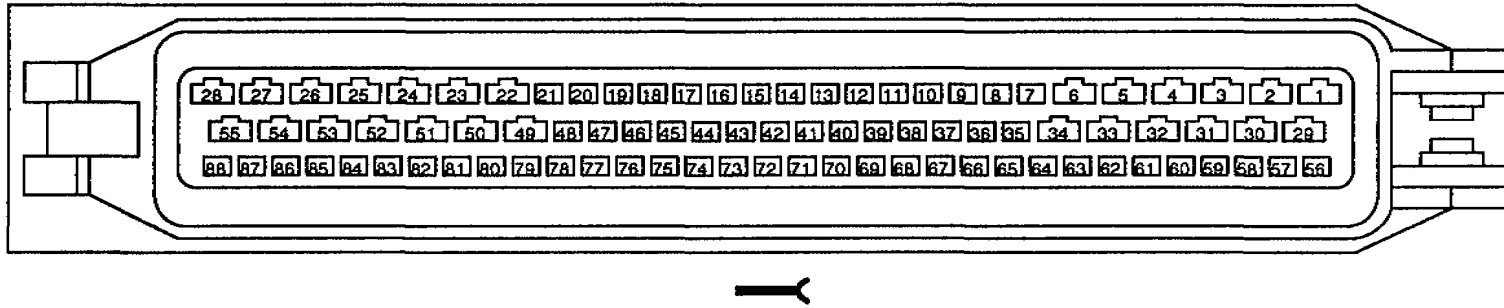


FIG. 2
B080005.00

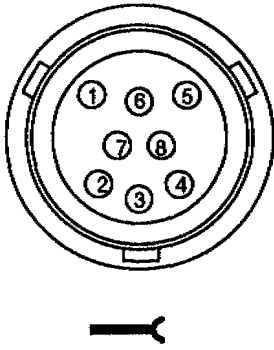


FIG. 3
B150003.00

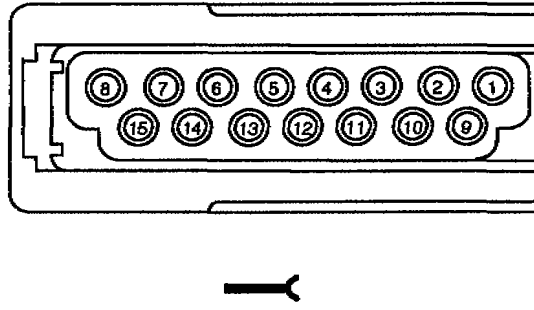
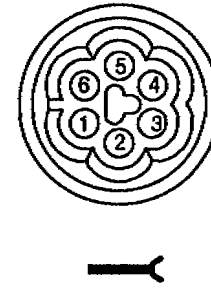


FIG. 4
B060014.00





CONNECTOR VIEWS

FIG. 1

B070005.00

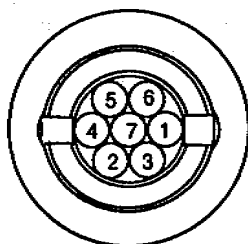


FIG. 4

B030015.08

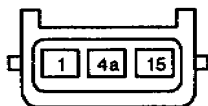


FIG. 2

B080001.00

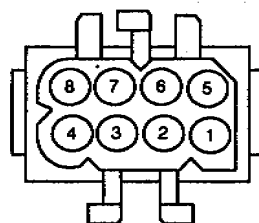


FIG. 5

B100000.00

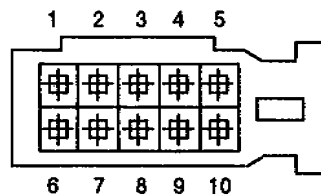


FIG. 3

B040018

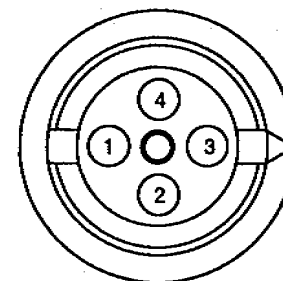


FIG. 6

B030015.08

