

1990  
 BMW 735i/735iL/750iL (E32)  
 Electrical  
 Troubleshooting  
 Manual  
 Vehicles Produced: 6/89 TO 8/90

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The purpose of this manual is to provide information to aid in electrical troubleshooting. It consists of schematics, component location information, harness routing views and connector views.

The manual is divided into sections called cells. In each cell electrical components that work together are shown together on one or more schematics. At the top of the page is the fuse (positive) that powers the circuit. The flow of current is shown through all wires, connectors, switches, and motors to ground (negative) at the bottom of the page.

Within the schematic all switches and sensors are shown "at rest," as though the Ignition Switch were off. For identification, component names are underlined and placed next to or above each component. Notes are included that describe how or when switches and other components work.

The Power Distribution schematics show the current feed through all the connections from the Battery and Alternator to each fuse and the Ignition and

Light Switches. If a Power Distribution schematic is combined with any other circuit schematic, a complete picture is made of how that circuit works. The Ground Distribution schematics show how several circuits are connected to common grounds. All wiring between components is shown exactly as it exists in the vehicles; however, the wiring is not drawn to scale. To aid in understanding electrical operation, wiring inside complicated components has been simplified. Further information regarding schematic symbols and references can be found in cell 0140 (Symbols).

With this car, BMW introduces the Central Body Electronics System. This system incorporates the use of a single module that controls many apparently unrelated functions. For instance, the Sunroof and Windshield Wipers are controlled by the same module. However, only the portion of the module that controls the Sunroof will appear in the Sunroof schematics.

## **BMW** INTRODUCTION

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Component Identification Information begins in cell 7000 and consists of the Component Location List, Component Location Photographs, and Harness Connector Faces. The Component Location List helps you find where the parts of the circuit are in the vehicle. A brief description of the location is given along with a reference to the photograph that shows the component and its connecting wires. The Harness Connector Faces show the cavity or terminal locations of all connectors having three or more pins. Harness Connector Faces help you locate test points. The drawings show the connector faces you see after the harness connector has been disconnected from a component.

## TROUBLESHOOTING PROCEDURES

Diagnostic procedures for many of the circuits in this manual are included with the schematics. These procedures are based on a logical problem-solving procedure. The steps listed below are provided for those circuits that do not include diagnostic procedures. Following these steps will enable you to make a quick diagnosis of the problem.

### 1. Verify the Problem

Operate the problem circuit to check the accuracy of the complaint. Note the symptoms of the inoperative circuit.

### 2. Analyze the Problem

Refer to the schematic of the problem circuit in the ETM. Determine how the circuit is supposed to work by tracing the current path(s) from the power feed through the circuit components to ground. Then, based on the symptoms you noted in step 1 and your understanding of circuit operation, identify one or more possible causes of the problem.

### 3. Isolate the Problem

Make circuit tests to prove or disprove the preliminary diagnosis made in step 2. Keep in mind that a logical, simple procedure is the key to efficient troubleshooting. Test for the most likely cause of failure first. Try to make tests at points which are easily accessible.

### 4. Repair the Problem

Once the specific problem is identified, make the repair using the proper tools and safe procedures.

### 5. Check the Problem

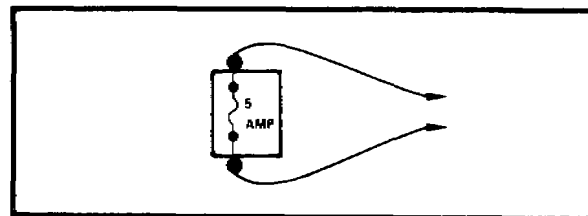
Operate the circuit to check for satisfactory circuit operation. Good repair practice calls for rechecking all circuits you have worked on.

## TROUBLESHOOTING TOOLS

Isolating the problem (Step 3 of TROUBLESHOOTING PROCEDURES) requires the use of a voltmeter and/or ohmmeter. A voltmeter measures voltage at selected points in a circuit. An ohmmeter measures a circuit's resistance to current flow. It has an internal battery that provides current to the circuit under test. Disconnect the car battery when using an ohmmeter because the battery voltage will cause the ohmmeter to give false readings. Also, do not use an ohmmeter on solid state components. The voltage that the ohmmeter applies to the circuit could damage these components.

### Fused Jumper Wire

A jumper wire is made up of an in-line fuse holder connected to a set of test leads. It should have a five ampere fuse. Use it for bypassing open circuits. Never use a jumper wire across any load (motors, etc.). This direct battery short will blow the fuse.



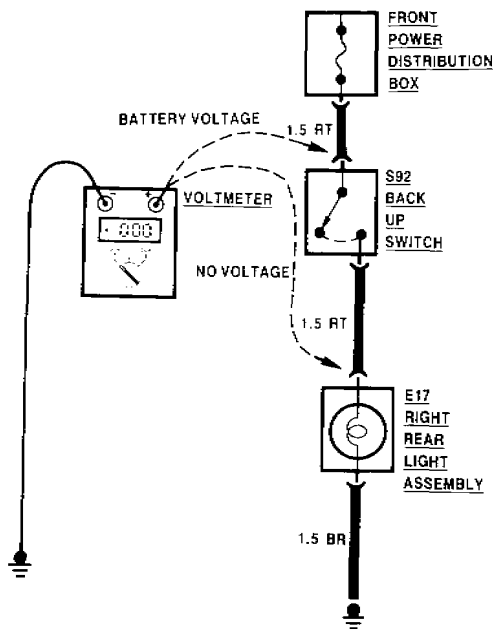
Fused Jumper Wire

**TROUBLESHOOTING TESTS**

**Voltage Test**

This test measures voltage in a circuit. By taking measurements at several points (terminals or connectors) along the circuit, you can isolate the problem.

To take a voltage measurement, connect the negative lead of the voltmeter to the battery's negative terminal or other known good ground. Then connect the positive lead of the voltmeter to the point you want to test. The voltmeter will measure the voltage present at that point in the circuit.

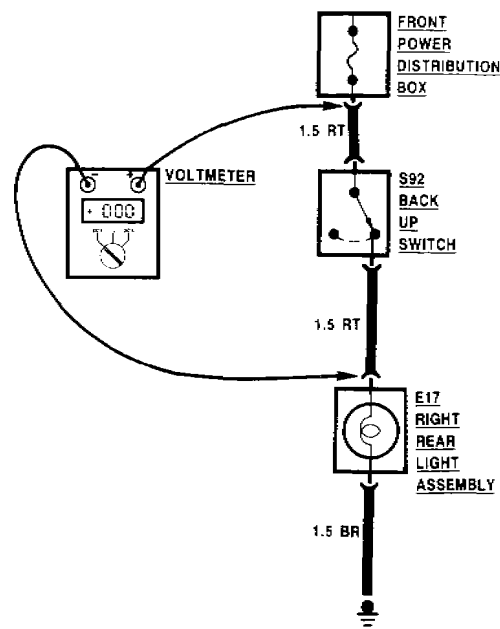


**Voltage Test**

**Voltage Drop Test**

Wires, connectors, and switches are designed to conduct current with a minimum loss of voltage. A voltage drop of more than one volt indicates a problem.

To test for voltage drop, connect the voltmeter leads to connectors at either end of the circuit's suspected problem area. The positive lead should be connected to the connector closest to the power source. The voltmeter will show the voltage drop between these two points. Any switches in the circuit should be on during this test.

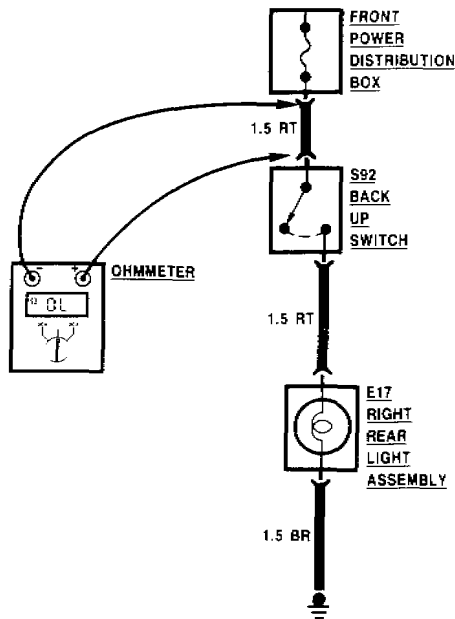


**Voltage Drop Test**



**Continuity Test**

To perform a continuity test, first disconnect the car battery. Then, while holding the leads together, adjust the ohmmeter to read zero. Connect the ohmmeter leads to connector or terminals at either end of the circuit's suspected problem area. The ohmmeter will show the resistance across that part of the circuit. This test can also be performed with a self-powered test light.

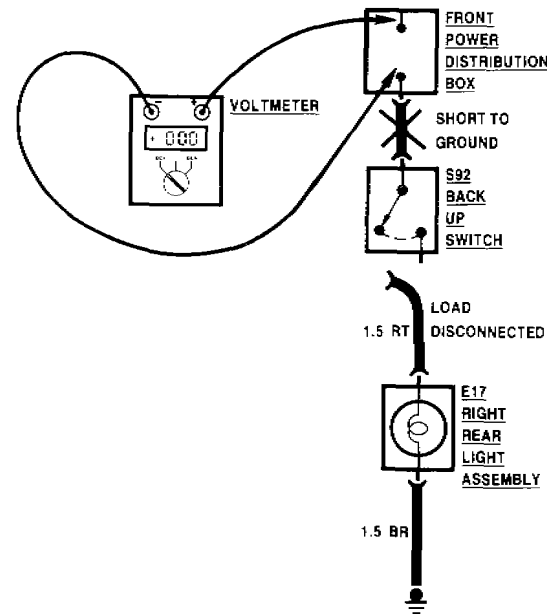


**Continuity Test**

**Short Test Using voltmeter**

To locate a wiring short to ground, remove the blown fuse and disconnect the load. Connect the voltmeter leads to the fuse terminals. The positive lead should be connected to the terminal closest to the power source.

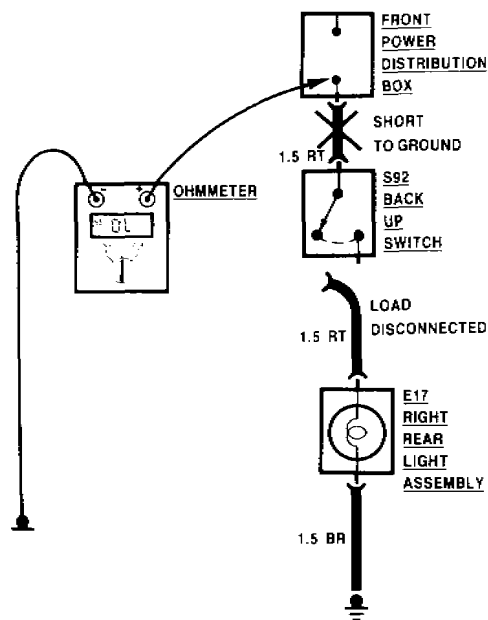
Starting near the FRONT POWER DISTRIBUTION BOX, move the wire harness back and forth and watch the voltmeter reading. If the voltmeter registers a reading, there is a short to ground in the wiring. Somewhere in the area of the harness being moved, the wire insulation is worn away and the circuit is grounding.



**Short Test Using Voltmeter**

**Short Test Using Ohmmeter**

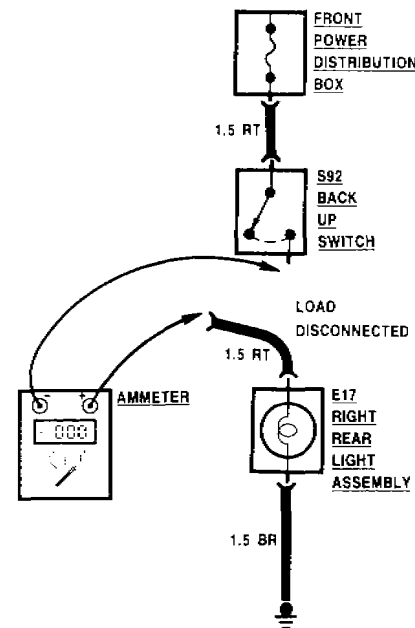
Disconnect the battery. While holding the leads together, adjust the ohmmeter to read zero. Remove the blown fuse and disconnect the load. Connect one lead of the ohmmeter to the fuse terminal that is closest to the load. Connect the other lead to a known good ground. Starting near the FRONT POWER DISTRIBUTION BOX, move the wire harness back and forth and watch the ohmmeter reading. Low or no resistance indicates a short to ground in the wiring. Infinitely high resistance indicates no short.



**Short Test Using Ohmmeter**

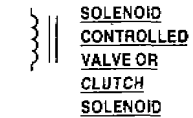
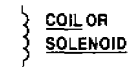
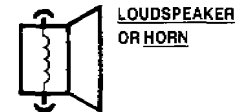
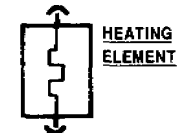
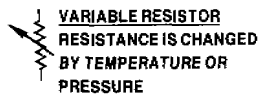
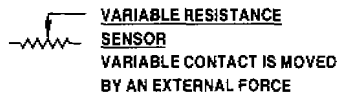
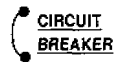
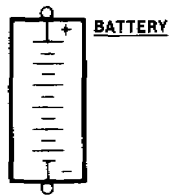
**Current Test Using Ammeter**

To measure the current, connect the ammeter leads to the connector or terminals in series with the circuit. The ammeter will show the current through the circuit.



**Current Test Using Ammeter**

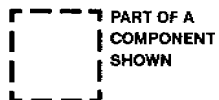
# SYMBOLS



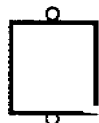
**BMW**  
**7** **SYMBOLS**



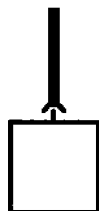
ENTIRE COMPONENT SHOWN



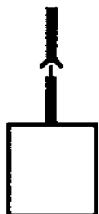
PART OF A COMPONENT SHOWN



COMPONENT WITH SCREW TERMINALS



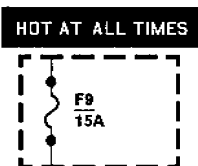
CONNECTOR ATTACHED TO COMPONENT



CONNECTOR ATTACHED TO COMPONENT LEAD (PIGTAIL)



COMPONENT CASE DIRECTLY ATTACHED TO METAL PART OF CAR (GROUNDED)



INDICATES THAT FUSE 9 IS SUPPLIED WITH POWER AT ALL TIMES

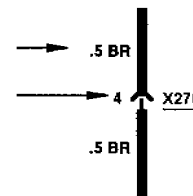
TERMINAL NUMBER

DESCRIPTION

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

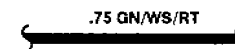
WIRE INSULATION IS ONE COLOR

PIN NUMBER

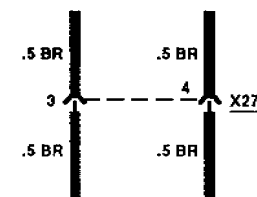


CONNECTOR REFERENCE NUMBER FOR COMPONENT LOCATION CHART

A WAVY LINE MEANS WIRE IS CONTINUED



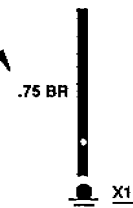
1. FIRST COLOR IS THE WIRE INSULATION.
2. SECOND COLOR IS THE "TRACER" OR "STRIPE" COLOR.
3. THIRD COLOR IS THE "DOTS" COLOR



TWO CONNECTIONS (PINS) IN THE SAME CONNECTOR

DASHED LINE INDICATES TERMINALS OF THE SAME CONNECTOR

WIRE SIZE IN MM<sup>2</sup>



WIRE ATTACHED TO METAL PART OF CAR (GROUNDED)

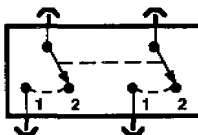
GROUND NUMBERED FOR REFERENCE ON COMPONENT LOCATION CHART



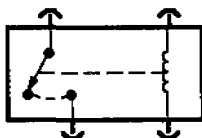
# SYMBOLS



ONE POLE,  
TWO POSITION  
SWITCH

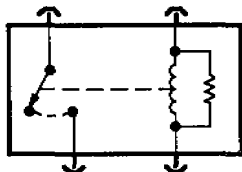


SWITCHES THAT  
MOVE TOGETHER  
DASHED LINE SHOWS  
A MECHANICAL  
CONNECTION  
BETWEEN  
SWITCHES

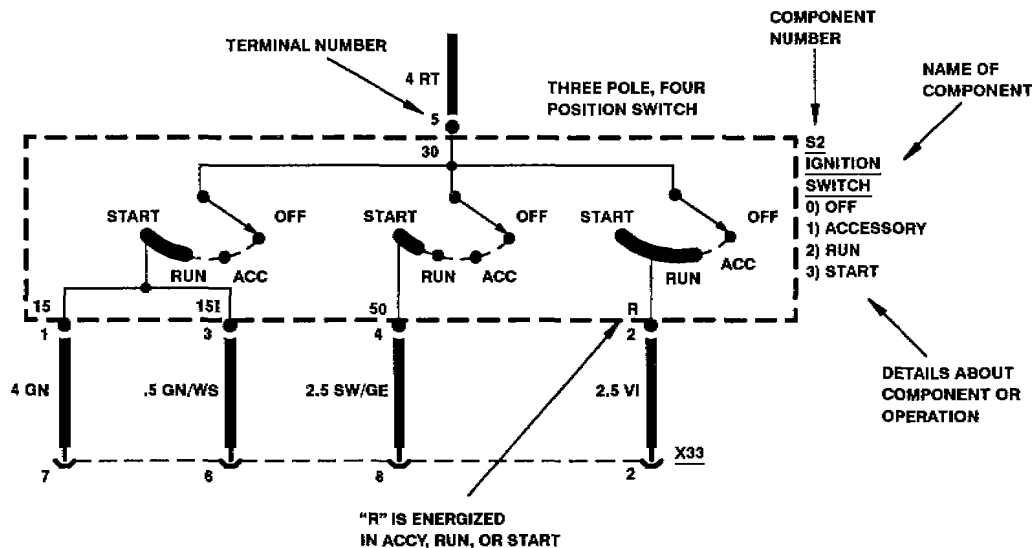


RELAY WITH NO CURRENT  
FLOWING THROUGH COIL

WHEN COIL IS  
ENERGIZED, SWITCH  
IS PULLED CLOSED



RELAY WITH  
RESISTOR ACROSS  
COIL



TERMINAL NUMBER

DESCRIPTION

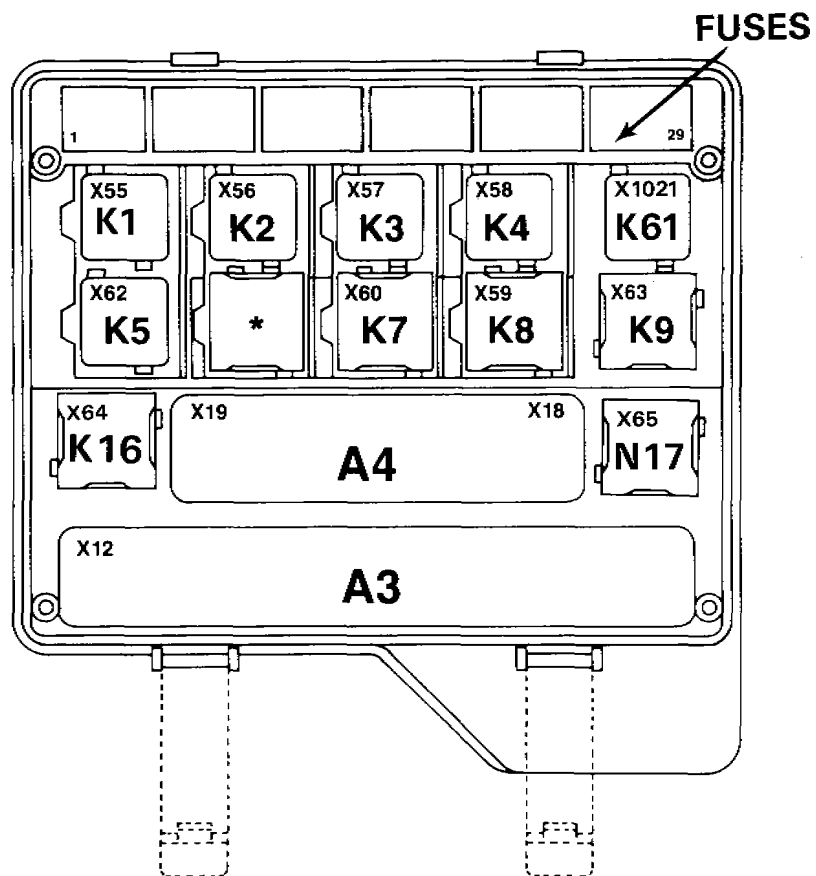
50	VOLTAGE: IGNITION SWITCH IN START
30	VOLTAGE: SUPPLIED AT ALL TIMES
15	VOLTAGE: IGNITION SWITCH IN RUN OR START
15I	VOLTAGE: IGNITION SWITCH IN RUN
R	VOLTAGE: IGNITION SWITCH IN ACCESSORY, RUN, OR START
31	GROUND



# POWER DISTRIBUTION CHARTS

## FRONT POWER DISTRIBUTION BOX

### FRONT POWER DISTRIBUTION BOX



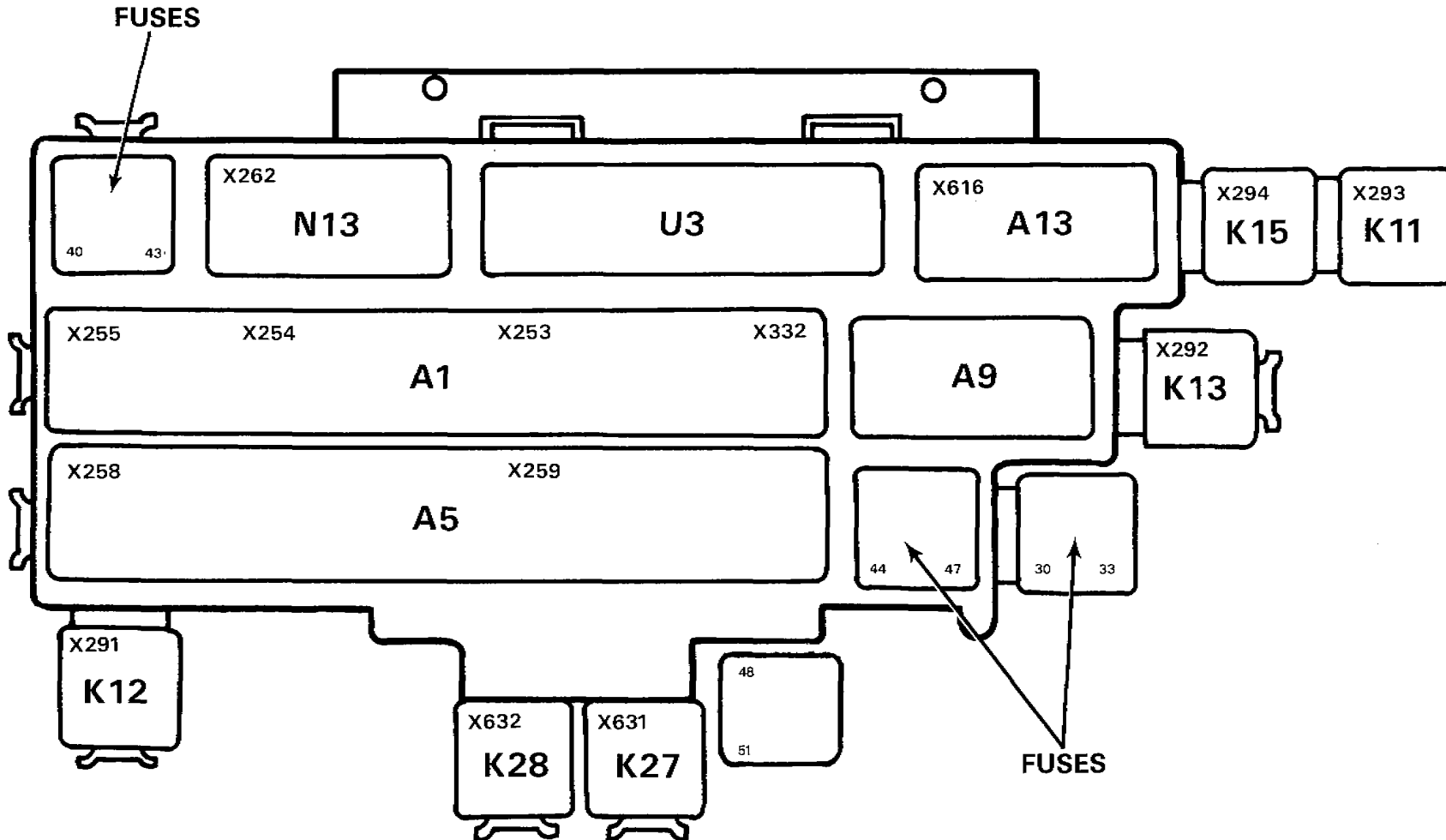
COMPONENTS IN FRONT POWER DISTRIBUTION BOX		
NUMBER	CONNECTOR	DESCRIPTION
A3	X12	LAMP CONTROL MODULE
A4	X18, X19	CHECK CONTROL MODULE
K1	X55	STARTER RELAY (AUTO)
K2	X56	HORN RELAY
K3	X57	UNLOADER RELAY, KLR
K4	X58	BLOWER RELAY
K5	X62	WASHER PUMP RELAY
K7	X60	PARKING LIGHT MONITOR RELAY
K8	X59	FRONT DEFOGGER/WATER PUMP RELAY
K9	X63	UNLOADER RELAY, KL15
*K10 (750iL)	X54	ABS OVERVOLTAGE PROTECTION RELAY
K16	X64	HAZARD FLASHER RELAY
*K51 (735i, 735iL)	X941	PHONE ALERT RELAY
K61	X1021	UNLOADER RELAY, KL61
N17	X65	CRASH CONTROL UNIT



# POWER DISTRIBUTION CHARTS

## REAR POWER DISTRIBUTION BOX

REAR POWER DISTRIBUTION BOX





## POWER DISTRIBUTION CHARTS

### REAR POWER DISTRIBUTION BOX

COMPONENTS IN REAR POWER DISTRIBUTION BOX		
NUMBER	CONNECTOR	DESCRIPTION
A1	X253, X254, X255, X332	GENERAL MODULE
A5	X258, X259	RELAY MODULE
A9		PRESENTLY NOT AVAILABLE
A13	X616	REAR HEADREST CONTROL UNIT
K11	X293	WIPER RELAY
K12		PRESENTLY NOT AVAILABLE
K13	X292	REAR DEFOGGER RELAY
K15	X294	ELECTRIC POWER PROTECTION RELAY
K27	X631	LEFT REAR SEAT HEATING/ POSITION RELAY
K28	X632	RIGHT REAR SEAT HEATING/ POSITION RELAY
N13	X262	INFRARED LOCKING CONTROL UNIT
U3		PRESENTLY NOT AVAILABLE

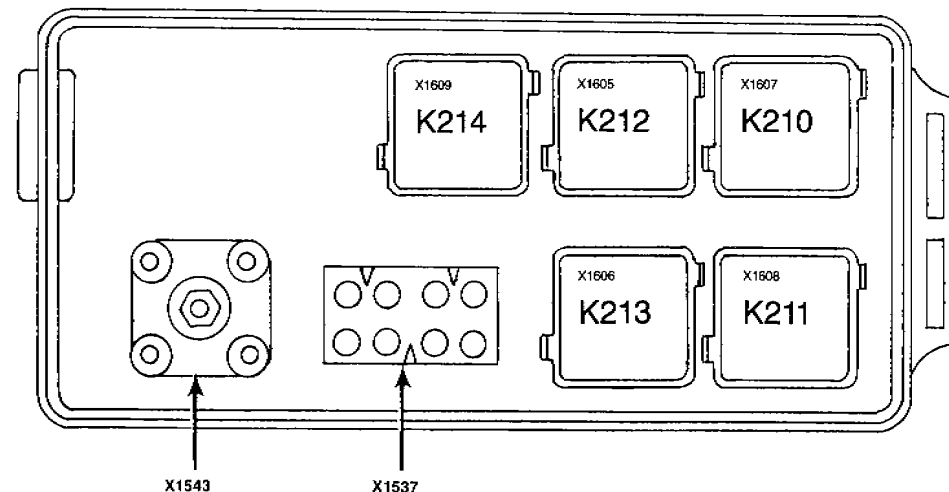
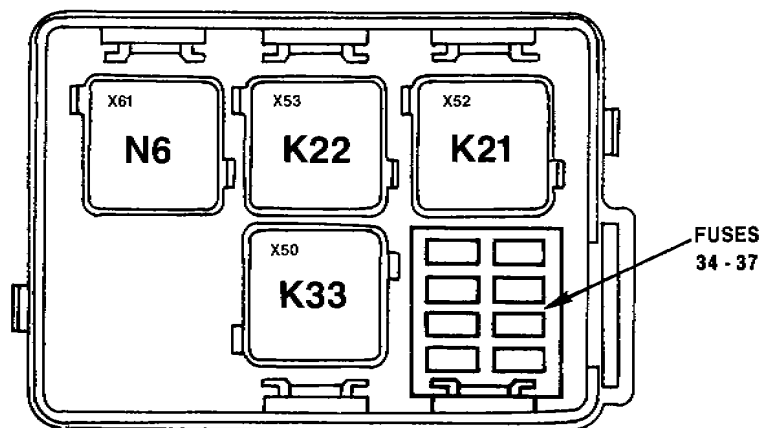




# POWER DISTRIBUTION CHARTS

## AUXILIARY RELAY BOX

### AUXILIARY RELAY BOX



### COMPONENTS IN AUXILIARY RELAY BOX

NUMBER	CONNECTOR	DESCRIPTION
K21	X52	NORMAL SPEED RELAY
K22	X53	HIGH SPEED RELAY
K33	X50	AIR CONDITIONING MOTRONIC RELAY
N6	X61	HEADLIGHT/FRONT FOGLIGHT MODULE (SRA)

### COMPONENTS IN AUXILIARY RELAY BOX, 750iL ONLY

NUMBER	CONNECTOR	DESCRIPTION
K210	X1607	FUEL PUMP RELAY I
K211	X1608	FUEL PUMP RELAY II
K212	X1605	MAIN RELAY I
K213	X1606	MAIN RELAY II
K214	X1609	OXYGEN SENSOR RELAY
—	X1537	CONNECTOR (8 PINS)
X1543	—	B + JUNCTION POST



## FUSE CHARTS

Fuse No.	Size	Circuit Protected
1	15A	Antilock Brake System (ABS) (Also Fuse 17) Automatic Stability Control (ASC) (Also Fuses 17 and 29) Brake Lights Brake Lining Warning (Also Fuses 17 and 20) Cruise Control (Tempomat) (Also Fuse 17) Cruise Control (EML) Electronic Throttle Control (EML 1.2) (Also Fuses 17 and 20) Instrument Cluster/Check Control (Also Fuses 12, 15, 17, 20, 29, and 33) Lamp Monitor (LKM) (Also Fuses 2, 3, 4, 5, 7, 10, 11, 13, and 14) Park/Tail/Underhood Lights (Also Fuses 4, 5, and 20)
2	7.5A	Headlights/Fog Lights (Also Fuses 3, 5, 7, 10, 11, 13 and 14) Lamp Monitor (LKM) (Also Fuses 1, 3, 4, 5, 7, 10, 11, 13 and 14) Turn/Hazard Lights (Also Fuses 3, 6, 13 and 14)
3	7.5A	Headlights/Fog Lights (Also Fuses 2, 5, 7, 10, 11, 13 and 14) Headlight/Fog Light Washer (ZKE) (Also Fuses 5, 17, 22 and 44) Lamp Monitor (LKM) (Also Fuses 1, 2, 4, 5, 7, 10, 11, 13 and 14) Turn/Hazard Lights (Also Fuses 2, 6, 13 and 14)
4	7.5A	Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 5, 7, 10, 11, 13 and 14) Park/Tail/Marker/Underhood Lights (Also Fuses 1, 5 and 20)



# FUSE CHARTS

Fuse No.	Size	Circuit Protected
5	10A	Glove Box Light/Cigar Lighter/Ashtray Light/Charging Plug (Also Fuses 4, 26 and 33) Headlights/Fog Lights (Also Fuses 2, 3, 7, 10, 11, 13 and 14) Headlight/Fog Light Washer (ZKE) (Also Fuses 3, 17, 22 and 44) Heated Seats (Also Fuse 16) Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 4, 7, 10, 11, 13 and 14) License/Trunk Lights (Also Fuse 33) Lumbar Support (Also Fuse 16) Park/Tail/Underhood Lights (Also Fuses 1, 4 and 20)
6	15A	Turn/Hazard Lights (Also Fuses 2, 3, 13 and 14)
7	15A	Headlights/Fog Lights (Also Fuses 2, 3, 5, 10, 11, 13 and 14) Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 4, 5, 10, 11, 13 and 14)
9	15A	Automatic Climate Control (IHKA) (Also Fuses 9, 19, 20, 21 and 29) Auxiliary Fan (Also Fuses 25 and 29) Cellular Telephone (Provisions) (Also Fuses 18 and 31) Horn
10	7.5A	Headlights/Fog Lights (Also Fuses 2, 3, 5, 7, 11, 13 and 14) Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 4, 5, 7, 11, 13 and 14)
11	7.5A	Headlights/Fog Lights (Also Fuses 2, 3, 5, 7, 10, 13 and 14) Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 4, 5, 7, 10, 13 and 14)
12	15A	Back Up Lights (Also Fuse 20) Instrument Cluster/Check Control (Also Fuses 1, 15, 17, 20, 29 and 33) Memory Mirrors (Also Fuses 16, 17, 18, 30, 42 and 44)
13	7.5A	Headlights/Fog Lights (Also Fuses 2, 3, 5, 7, 10, 11 and 14) Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 4, 5, 7, 10, 11 and 14) Turn/Hazard Lights (Also Fuses 2, 3, 6 and 14)
14	7.5A	Headlights/Fog Lights (Also Fuses 2, 3, 5, 7, 10, 11 and 13) Lamp Monitor (LKM) (Also Fuses 1, 2, 3, 4, 5, 7, 10, 11 and 13) Turn/Hazard Lights (Also Fuses 2, 3, 6 and 13)
15	7.5A	Instrument Cluster/Check Control (Also Fuses 1, 12, 17, 20, 29 and 33) On-Board Computer (Also Fuses 17 and 20) Windshield Washer (ZKE) (Also Fuse 44) Windshield Wipers (ZKE) (Also Fuse 44)



# FUSE CHARTS

Fuse No.	Size	Circuit Protected
16	30A	Heated Seats (Also Fuse 5) Lumbar Support (Also Fuse 5) Memory Mirrors (Also Fuses 12, 17, 18, 30, 42 and 44) Memory Seat (Also Fuses 17, 18, 30, 42 and 44)
17	7.5A	Antilock Brake System (ABS) (Also Fuse 1) Antitheft System (DWA) (Also Fuses 20 and 51) Automatic Stability Control (ASC) (Also Fuses 1 and 29) Brake Lining Warning (Also Fuses 1 and 20) Central Body Electronics (ZKE) (Also Fuses 30, 44, and 47) Charging System (Also Fuse 28) Cruise Control (Tempomat) (Also Fuse 1) Door Lock Heating (ZKE) (Also Fuse 30) E-Box Fan (Also Fuse 28) Electronic Throttle Control (EML 1.2) (Also Fuses 1 and 20) Electronic Transmission Control (AEGS) Electronic Transmission Control (AEGS/EML) Headlight/Fog Light Washer (ZKE) (Also Fuses 3, 5, 22, and 44) Infrared Locking System (IRS) (Also Fuses 31 and 51) Injection Electronics (DME 1.3) (Also Fuse 23) Injection Electronics (DME/EML 1.2) (Also Fuses 23, 24 and 28) Instrument Cluster/Check Control (Also Fuses 1, 12, 15, 20, 29, and 33) Interior Lights (ZKE) (Also Fuses 18, 30, 33, and 44) Memory Mirrors (Also Fuses 12, 16, 18, 30, 42, and 44) Memory Seat (Also Fuses 16, 18, 30, 42, and 44) On-Board Computer (Also Fuses 15 and 20) Power Windows (ZKE) (Also Fuses 20, 30, 31, and 44) Start Sunroof (ZKE) (Also Fuses 20, 30, 31, and 44)
18	15A	Antitheft System (DWA) (Also Fuses 17, 20, and 31) Cellular Telephone (Provisions) (Also Fuses 9 and 31) Interior Lights (ZKE) (Also Fuses 17, 30, 33 and 44) Memory Mirrors (Also Fuses 12, 16, 17, 30, 42, and 44) Memory Seat (Also Fuses 16, 17, 30, 42, and 44) Radio/CD Player (Provisions) (Also Fuse 41)
19	30A	Automatic Climate Control (IHKA) (Also Fuses 8, 9, 20, 21, and 29) Park Ventilation (Also Fuses 20 and 21)



## FUSE CHARTS

Fuse No.	Size	Circuit Protected
20	7.5A	Antitheft System (DWA) (Also Fuses 17 and 51) Automatic Climate Control (IHKA) (Also Fuses 9, 19, 21 and 29) Back Up Lights (Also Fuse 12) Brake Lining Warning (Also Fuses 1 and 17) Central Locking System (ZKE) (Also Fuses 30 and 31) Electronic Throttle Control (EML 1.2) (Also Fuses 1 and 17) Instrument Cluster/Check Control (Also Fuses 1, 12, 15, 17, 29 and 33) On-Board Computer (Also Fuses 15 and 17) Park Ventilation (Also Fuses 19 and 21) Park/Tail/Underhood Lights (Also Fuses 1, 4 and 5) Power Windows (ZKE) (Also Fuses 17, 30, 31 and 44) Sunroof (ZKE) (Also Fuses 17, 30, 31 and 44)
21	7.5A	Automatic Climate Control (IHKA) (Also Fuses 9, 19, 20 and 29) Park Ventilation (Also Fuses 19 and 20) Rear Window Defogger (Also Fuses 28 and 46)
22	30A	Headlight/Fog Light Washer (ZKE) (Also Fuses 3, 5, 17 and 44)
23	15A	Injection Electronics (DME 1.3) (Also Fuse 17) Injection Electronics (DME/EML 1.2) (Also Fuses 17, 24 and 28)
24	15A	Injection Electronics (DME/EML 1.2) (Also Fuses 17, 23 and 28)
25	30A	Auxiliary Fan (Also Fuses 9 and 29)
26	30A	Glove Box Light/Cigar Lighter/Ashtray Light/Charging Plug (Also Fuses 5 and 33)
27	30A	Automatic Rear Headrest (Also Fuses 29 and 40) Power Seats (Also Fuses 29, 40 and 43)
28	15A	Charging System (Also Fuse 17) E-Box Fan (Also Fuse 17) Injection Electronics (DME/EML 1.2) (Also Fuses 17, 23 and 24) Power Assist Steering (Servotronic) Rear Window Defogger (Also Fuses 21 and 46) Windshield Washer Jet Heaters

**BMW**  
**7** **FUSE CHARTS**

Fuse No.	Size	Circuit Protected
29	7.5A	Automatic Climate Control (IHKA) (Also Fuses 8, 9, 19, 20, and 21) Automatic Rear Headrest (Also Fuses 27 and 40) Automatic Stability Control (ASC) (Also Fuses 1 and 17) Auxiliary Fan (Also Fuses 9 and 25) Instrument Cluster/Check Control (Also Fuses 1, 12, 15, 17, 20, and 33) Power Seats (Also Fuses 27, 40 and 43) Rear Window Defogger (Also Fuses 21 and 46)
30	7.5A	Central Body Electronics (ZKE) (Also Fuses 17, 44, and 47) Central Locking System (ZKE) (Also Fuses 20 and 31) Door Lock Heating (ZKE) (Also Fuse 17) Interior Lights (ZKE) (Also Fuses 5, 17, 33, and 44) Memory Mirrors (Also Fuses 12, 16, 17, 18, 42, and 44) Memory Seat (Also Fuses 16, 17, 18, 42, and 44) Power Windows (ZKE) (Also Fuses 17, 20, 31, and 44) Sunroof (ZKE) (Also Fuses 17, 20, 31, and 44)
31	7.5A	Antitheft System (DWA) (Also Fuses 17, 18, and 20) Cellular Telephone (Provisions) (Also Fuses 9 and 18) Central Locking System (ZKE) (Also Fuses 20 and 30) Infrared Locking System (IRS) (Also Fuses 17 and 51) Power Windows (ZKE) (Also Fuses 17, 20, 30, and 44) Sunroof (ZKE) (Also Fuses 17, 20, 30, and 44)
33	15A	Glove Box Light/Cigar Lighter/Ashtray Light/Flashlight Charging Plug (Also Fuses 4, 5 and 26) Instrument Cluster/Check Control (Also Fuses 1, 12, 15, 17, 20 and 29) Interior Lights (ZKE) (Also Fuses 5, 17, 30 and 44) License/Trunk Lights (Also Fuse 5)
34	15A	Not Used
40	30A	Automatic Rear Headrest (Also Fuses 27 and 29) Power Seats (Also Fuses 27, 29 and 43)
41	30A	Radio/CD Player (Provisions) (Also Fuse 18)
42	30A	Memory Mirrors (Also Fuses 12, 16, 17, 18, 30 and 44) Memory Seat (Also Fuses 16, 17, 18, 30 and 44)
43	30A	Power Seats (Also Fuses 27, 29, 40 and 42)

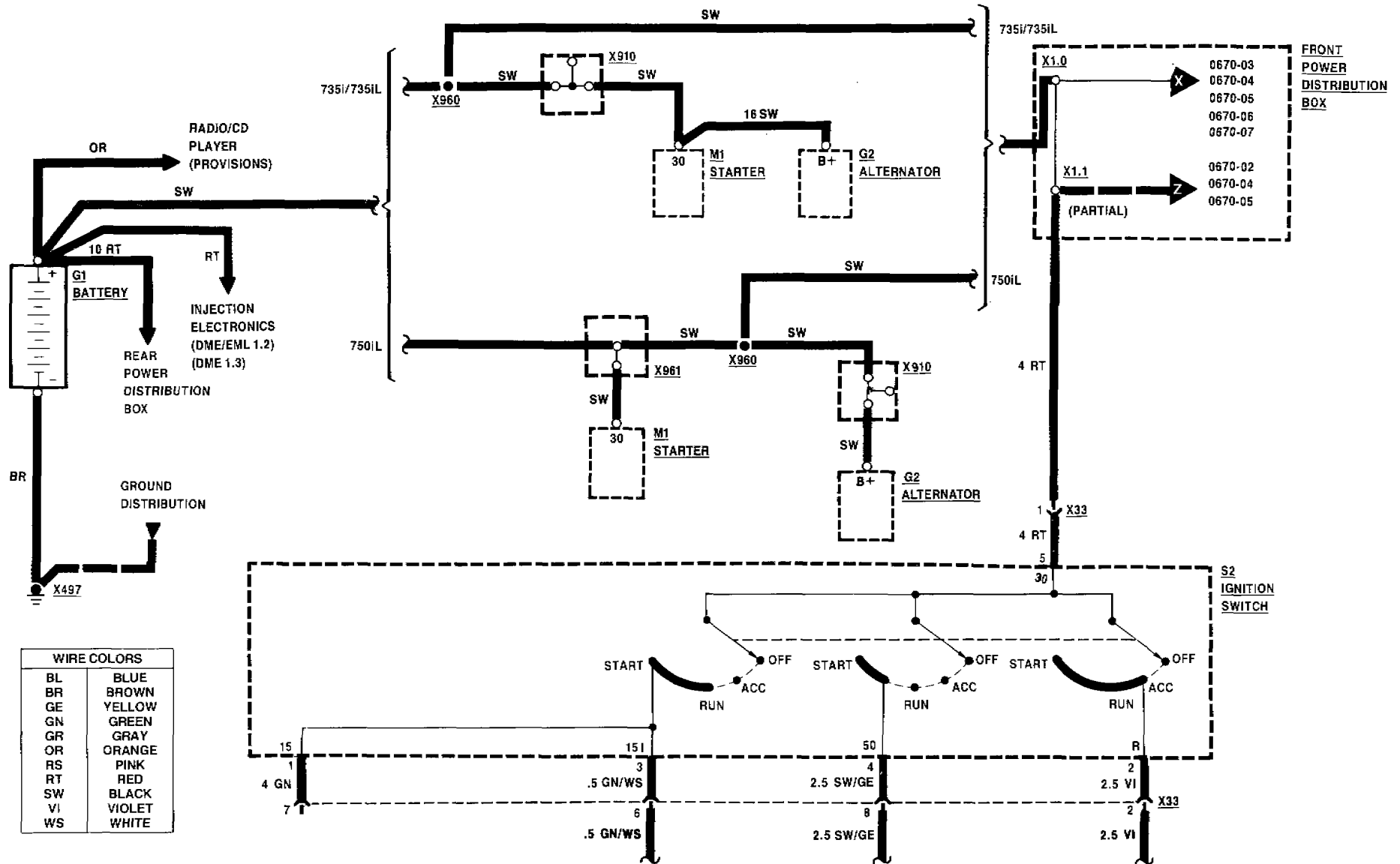


## FUSE CHARTS

Fuse No.	Size	Circuit Protected
44	30A	Central Body Electronics (ZKE) (Also Fuses 17, 30 and 47) Headlight/Fog Light Washer (ZKE) (Also Fuses 3, 5, 17 and 22) Interior Lights (ZKE) (Also Fuses 18, 17, 30 and 33) Memory Mirrors (Also Fuses 12, 16, 17, 18, 30 and 42) Memory Seat (Also Fuses 16, 17, 18, 30 and 42) Power Windows (ZKE) (Also Fuses 17, 20, 30 and 31) Sunroof (ZKE) (Also Fuses 17, 20, 30 and 31) Windshield Washer (ZKE) (Also Fuse 15) Windshield Wipers (ZKE) (Also Fuse 15)
45	30A	Accessory Connector (Not Used)
46	30A	Rear Window Defogger/Antenna (Also Fuses 21 and 29)
47	30A	Central Body Electronics (ZKE) (Also Fuses 17, 30 and 44)
50	30	Accessory Connector(Not Used)
51	7.5A	Antilock System (DWA) (Also Fuses 17 and 20) Infrared Locking (IRS) (Also Fuses 17 and 31)

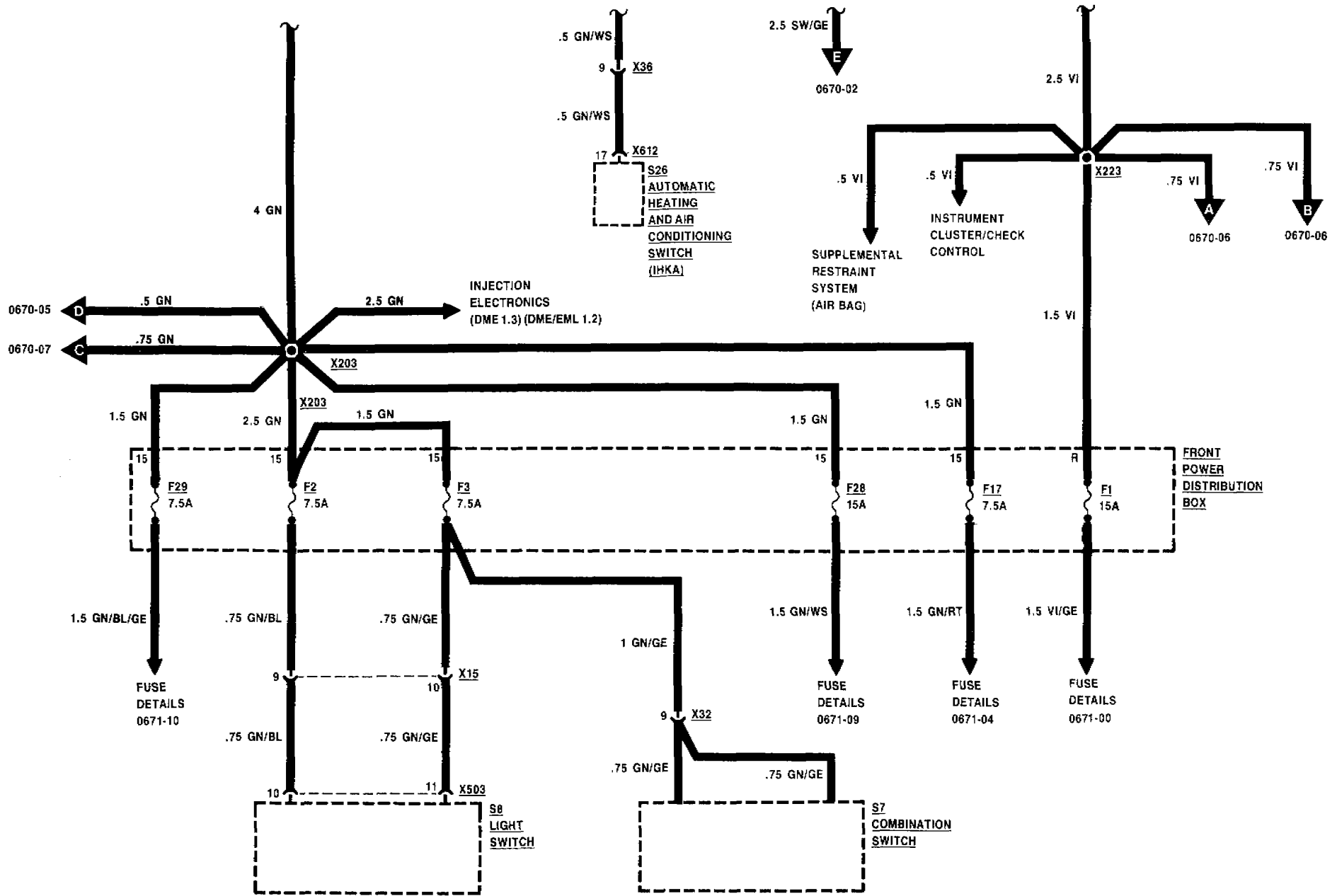


# POWER DISTRIBUTION FRONT POWER DISTRIBUTION BOX



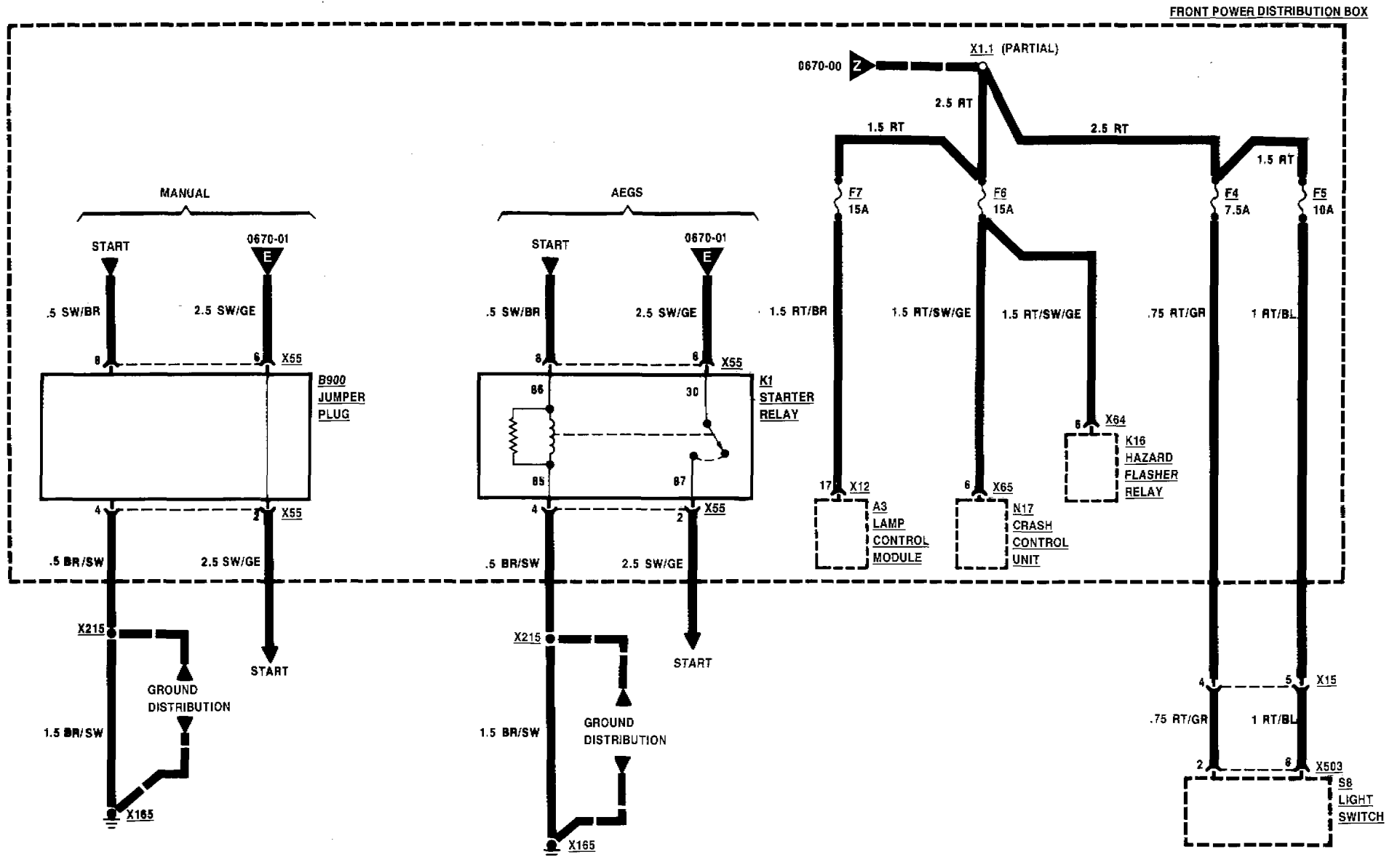
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE







# POWER DISTRIBUTION FRONT POWER DISTRIBUTION BOX



09/89

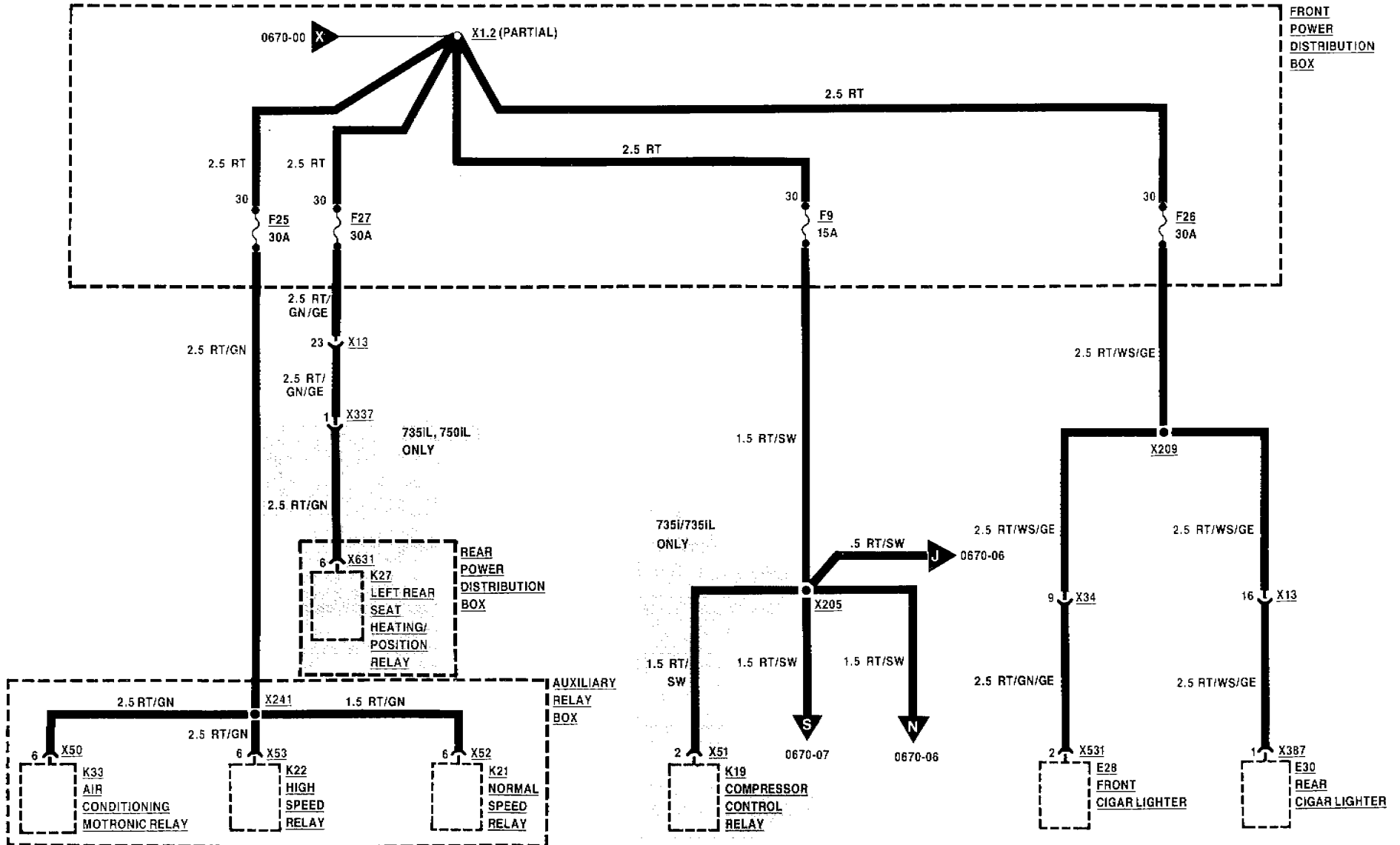
0670-02

1990



# POWER DISTRIBUTION

## FRONT POWER DISTRIBUTION BOX





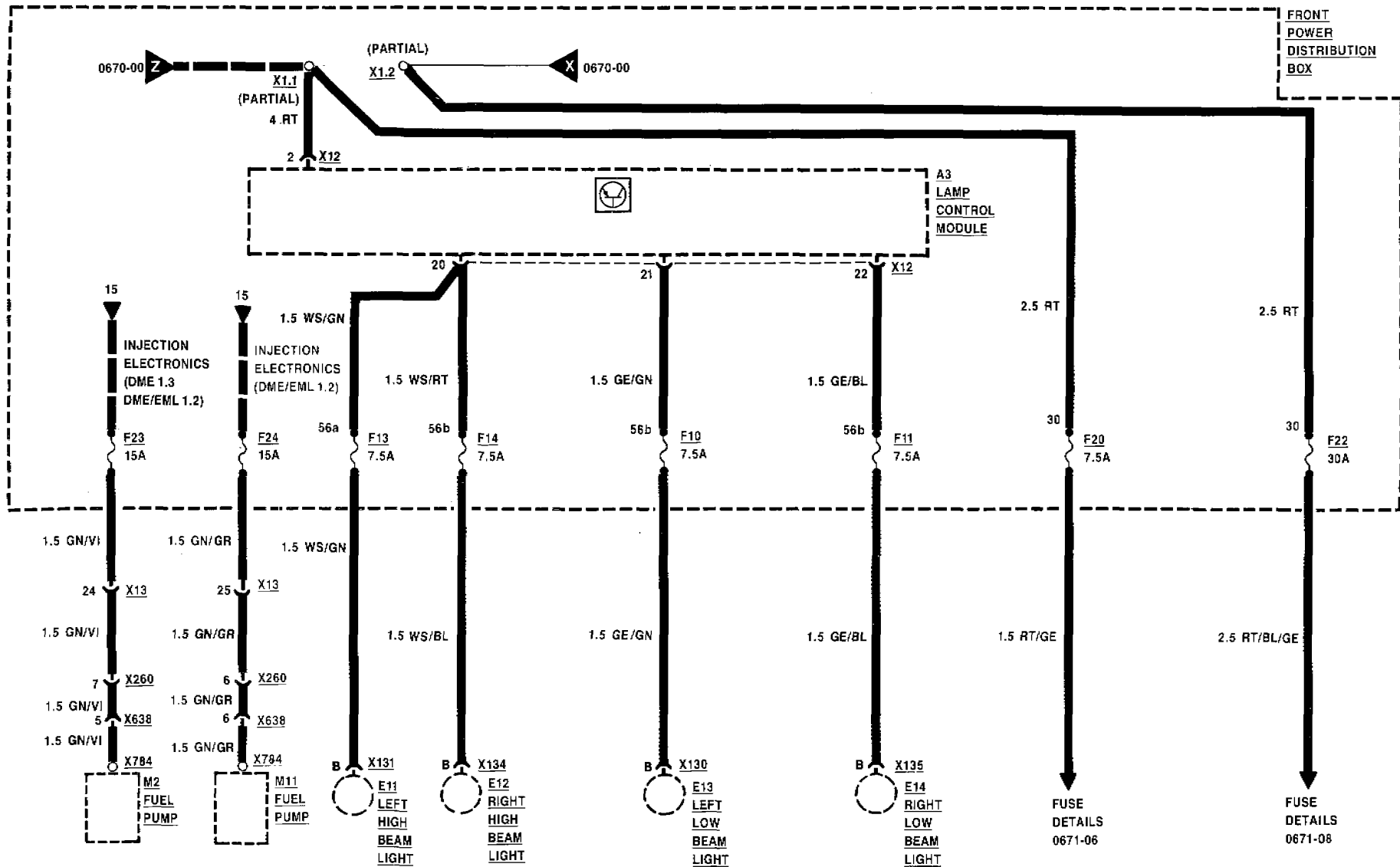
# POWER DISTRIBUTION

## FRONT POWER DISTRIBUTION BOX

09/89

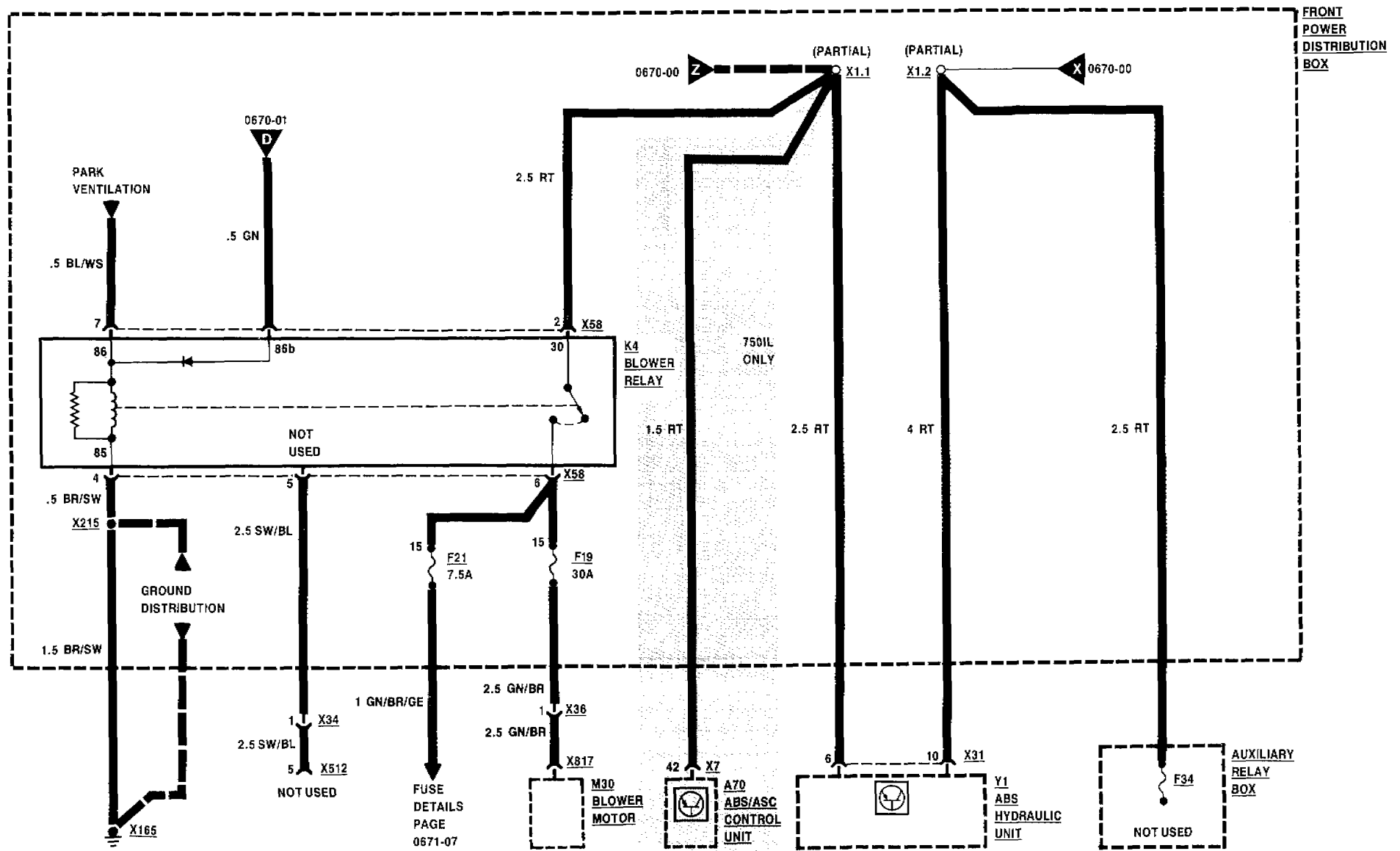
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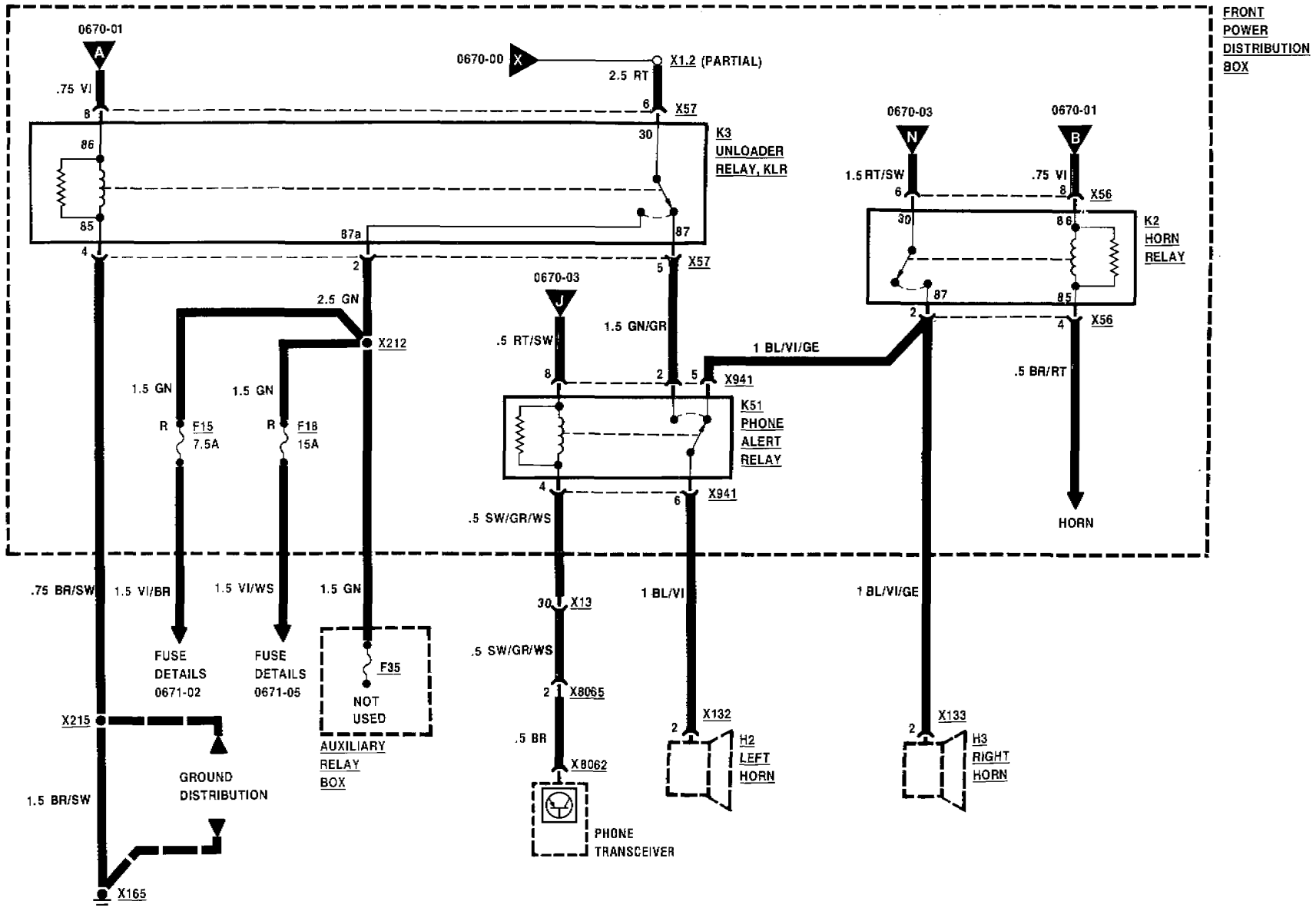


07/90

0670-05

1990

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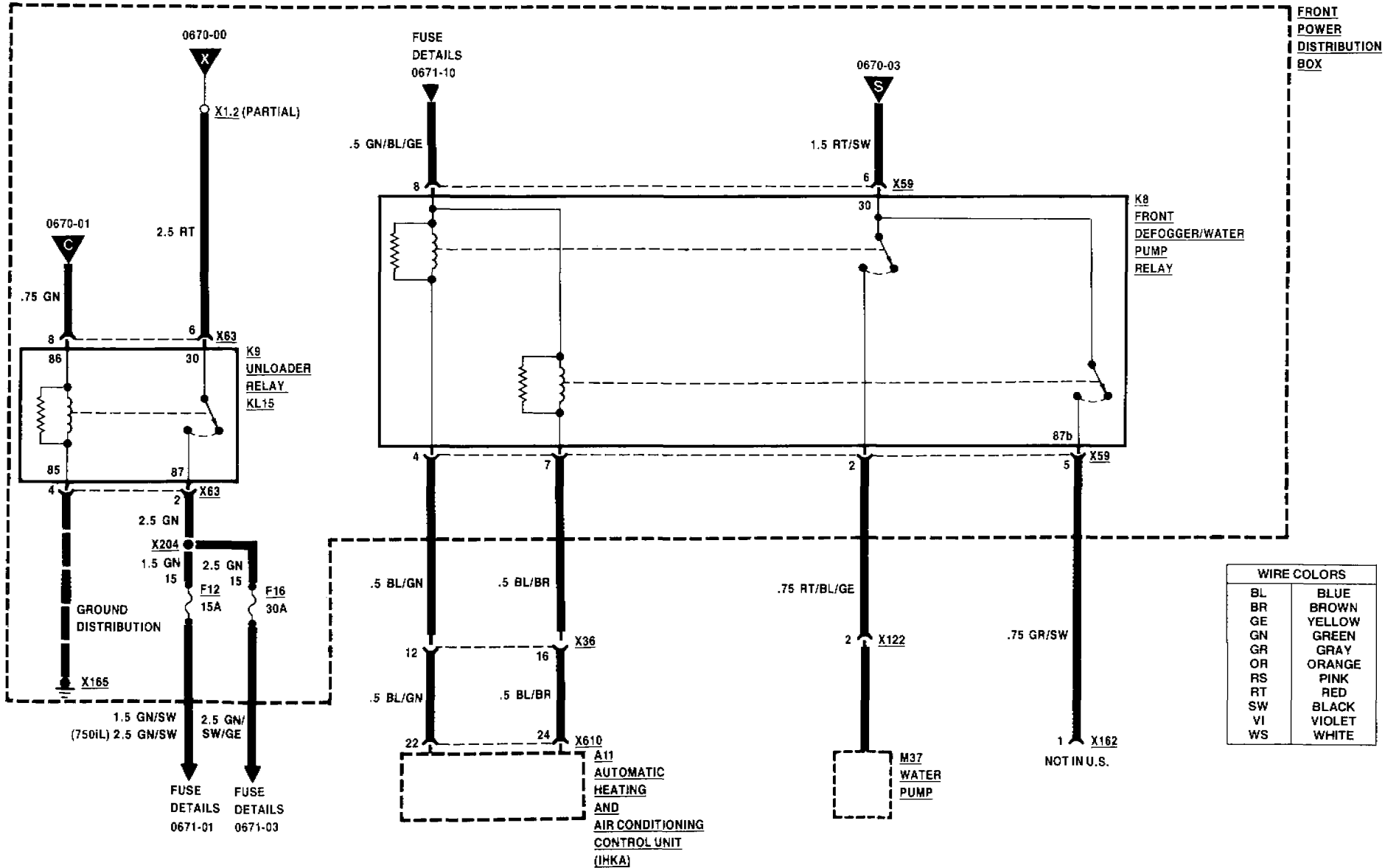


FRONT  
POWER  
DISTRIBUTION  
BOX



# POWER DISTRIBUTION

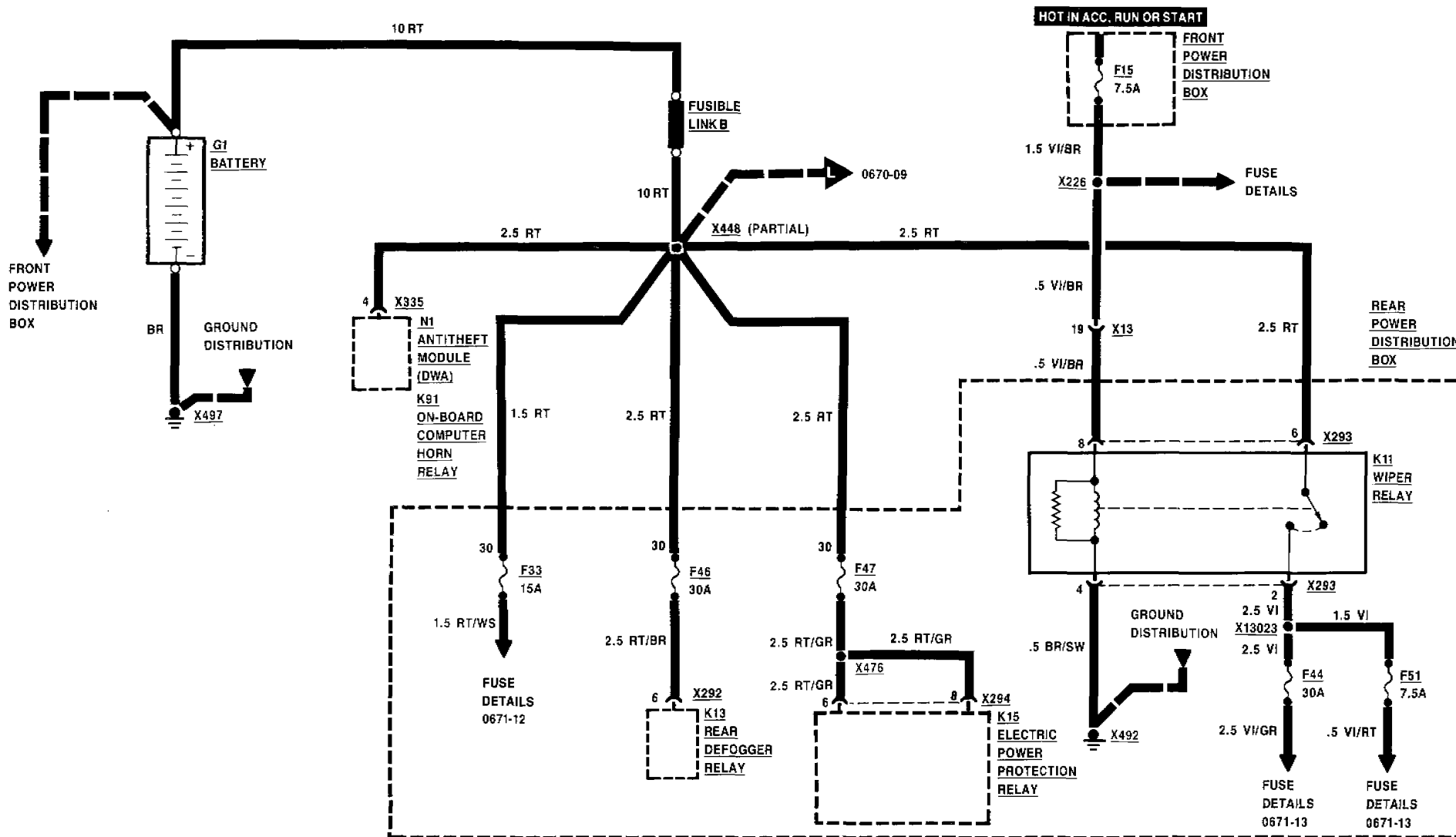
## FRONT POWER DISTRIBUTION BOX



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



# POWER DISTRIBUTION REAR POWER DISTRIBUTION BOX



09/89

0670-08

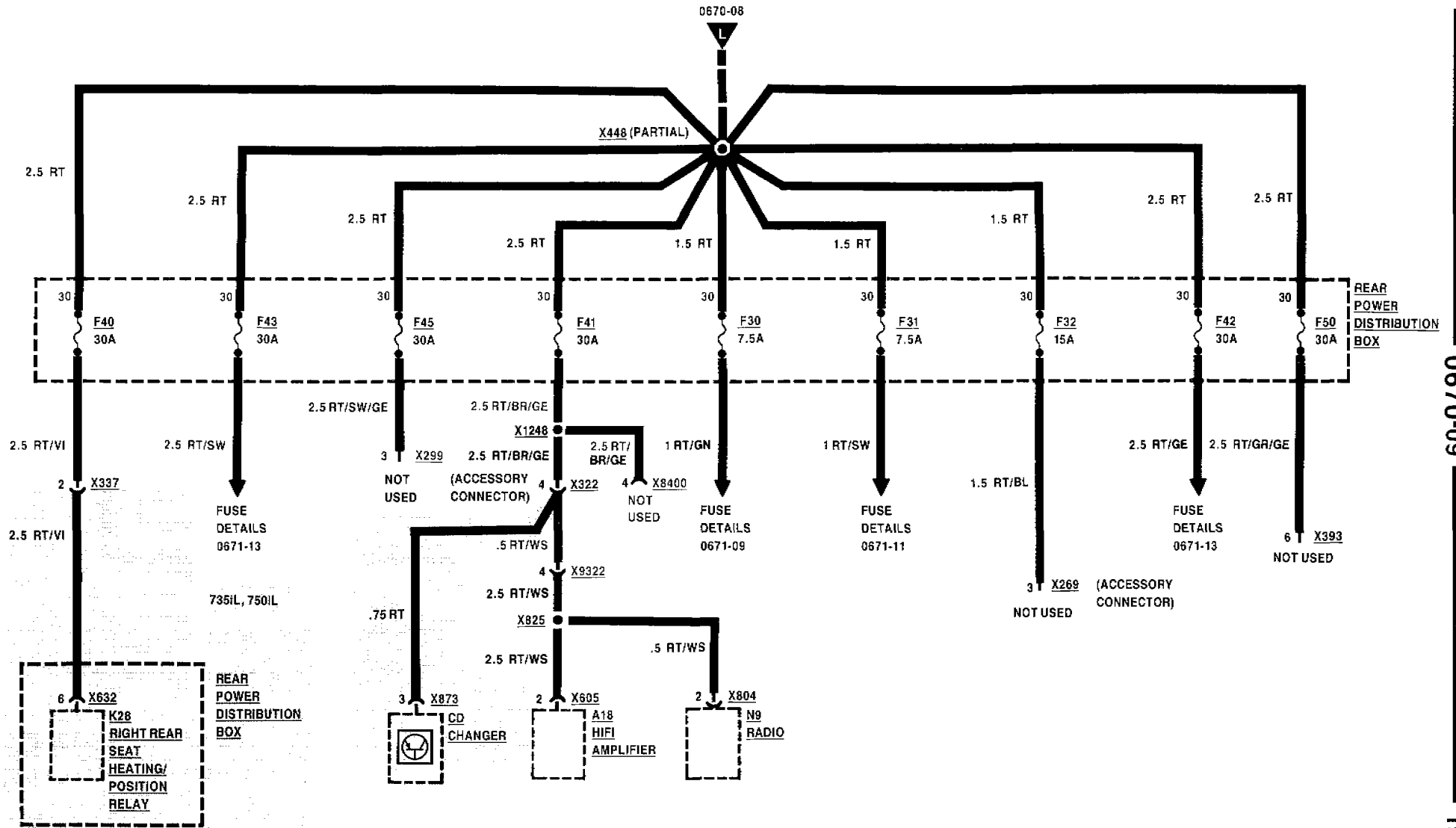
1990





# POWER DISTRIBUTION

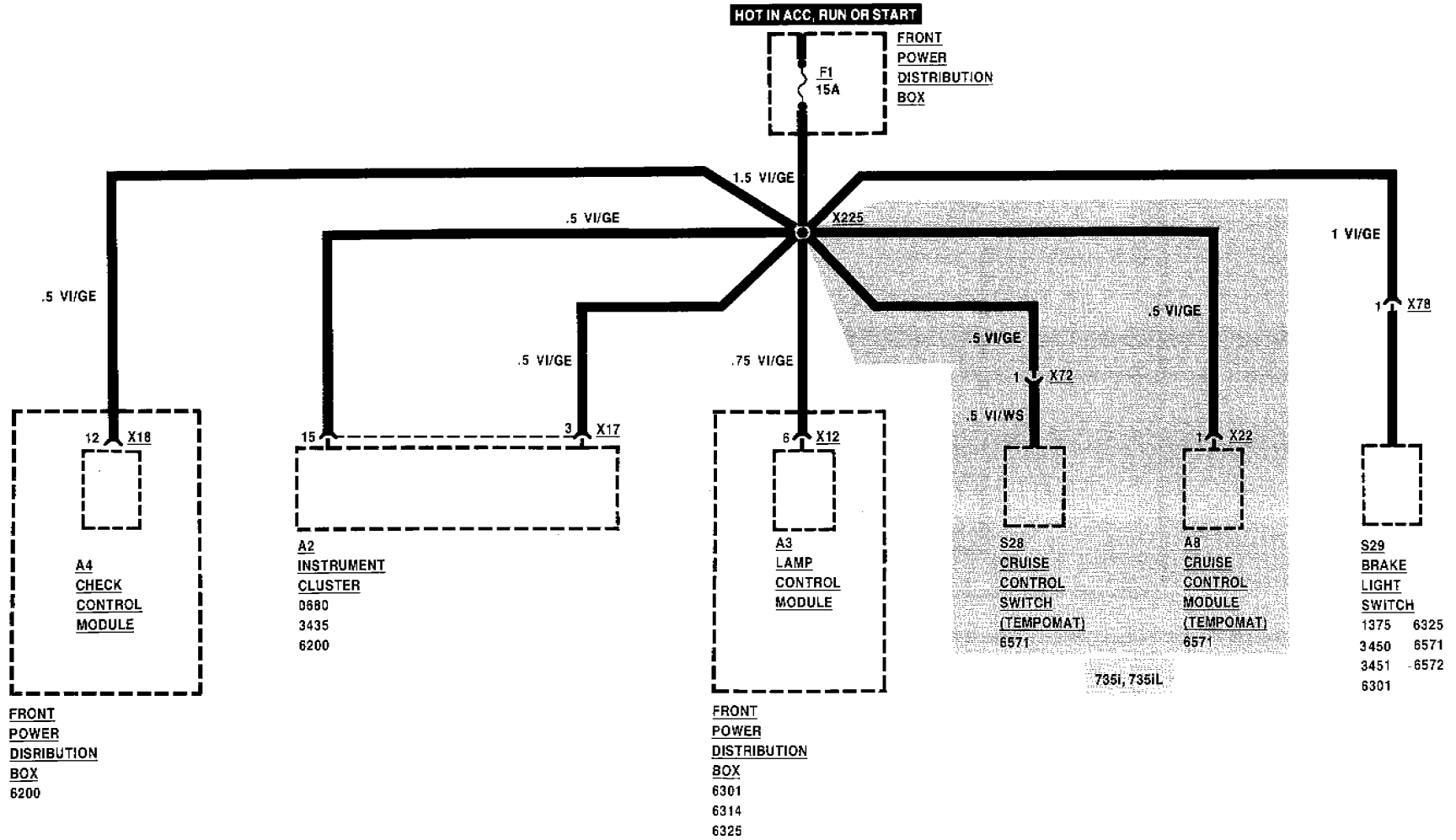
## REAR POWER DISTRIBUTION BOX





# FUSE DETAILS

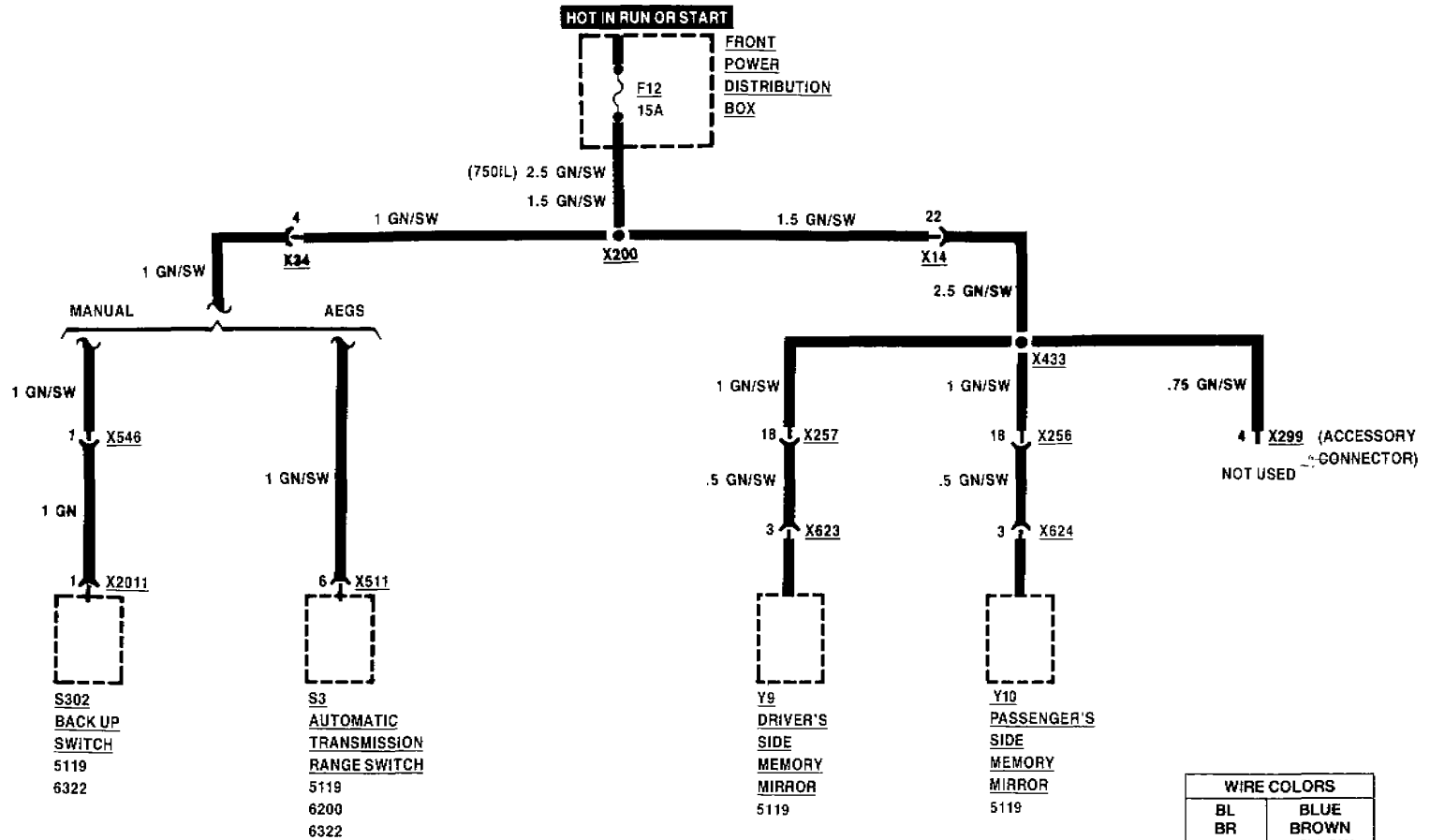
## FUSE 1





# FUSE DETAILS

## FUSE 12

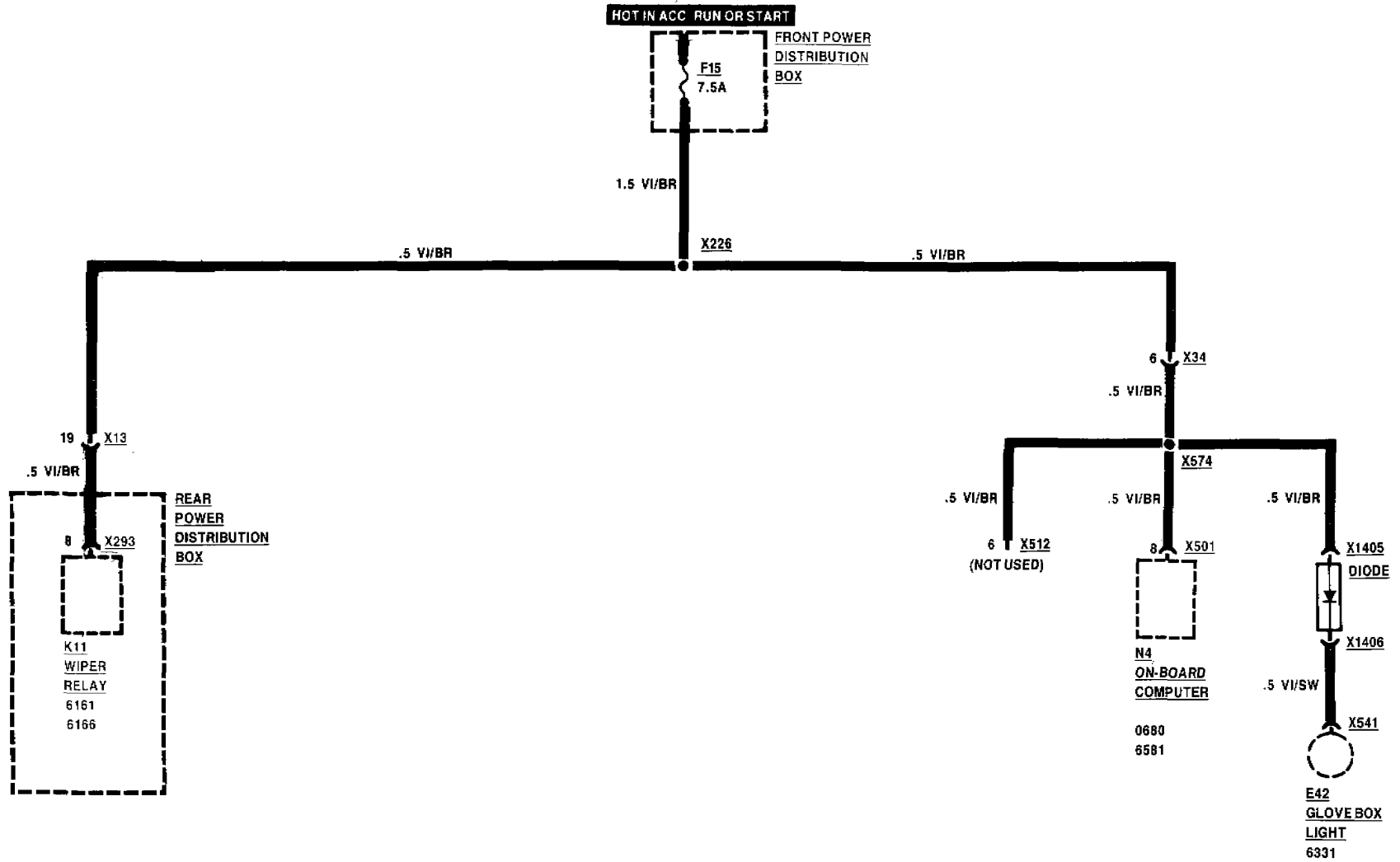


WIRE COLORS	
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GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# FUSE DETAILS

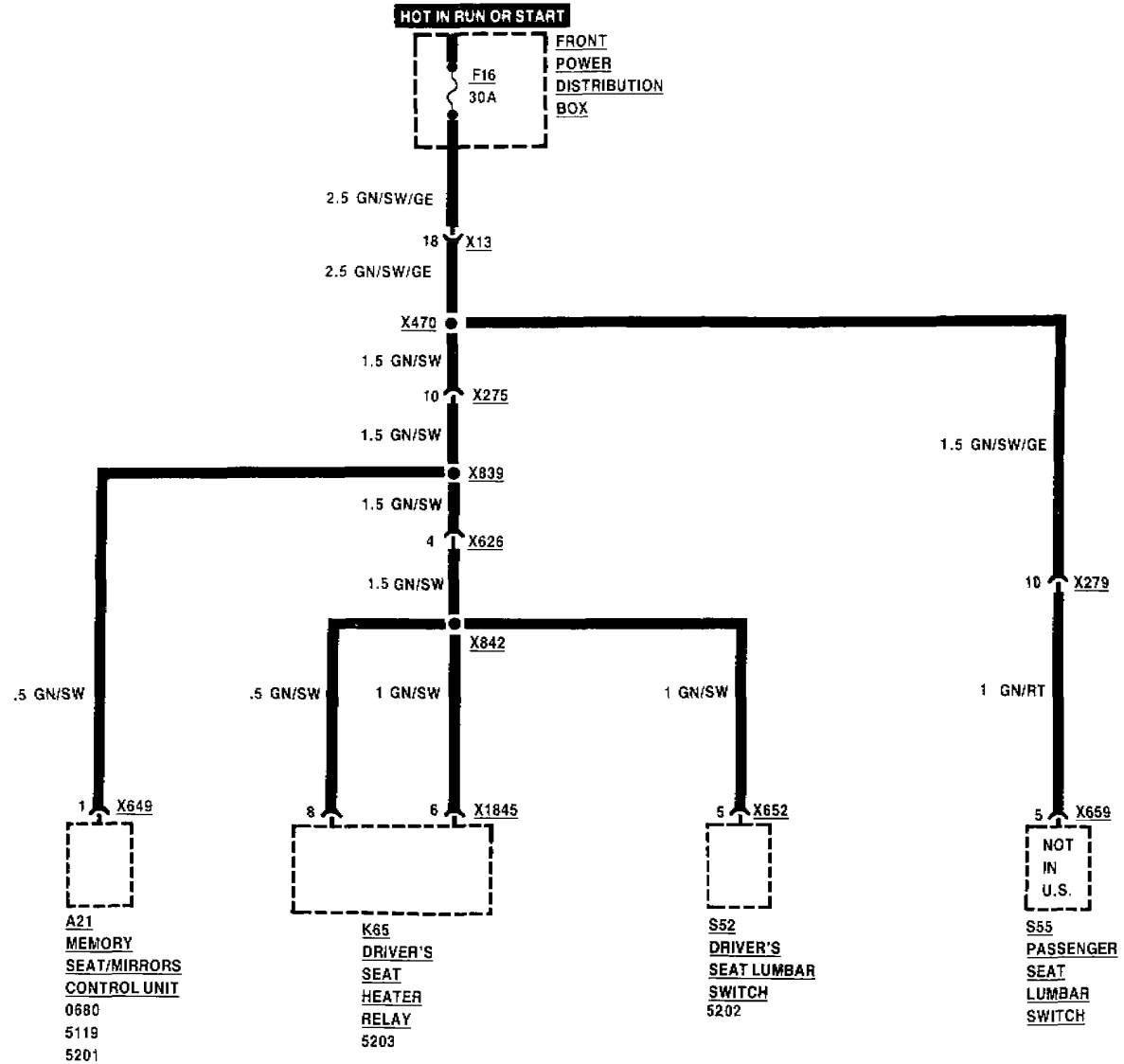
## FUSE 15





# FUSE DETAILS

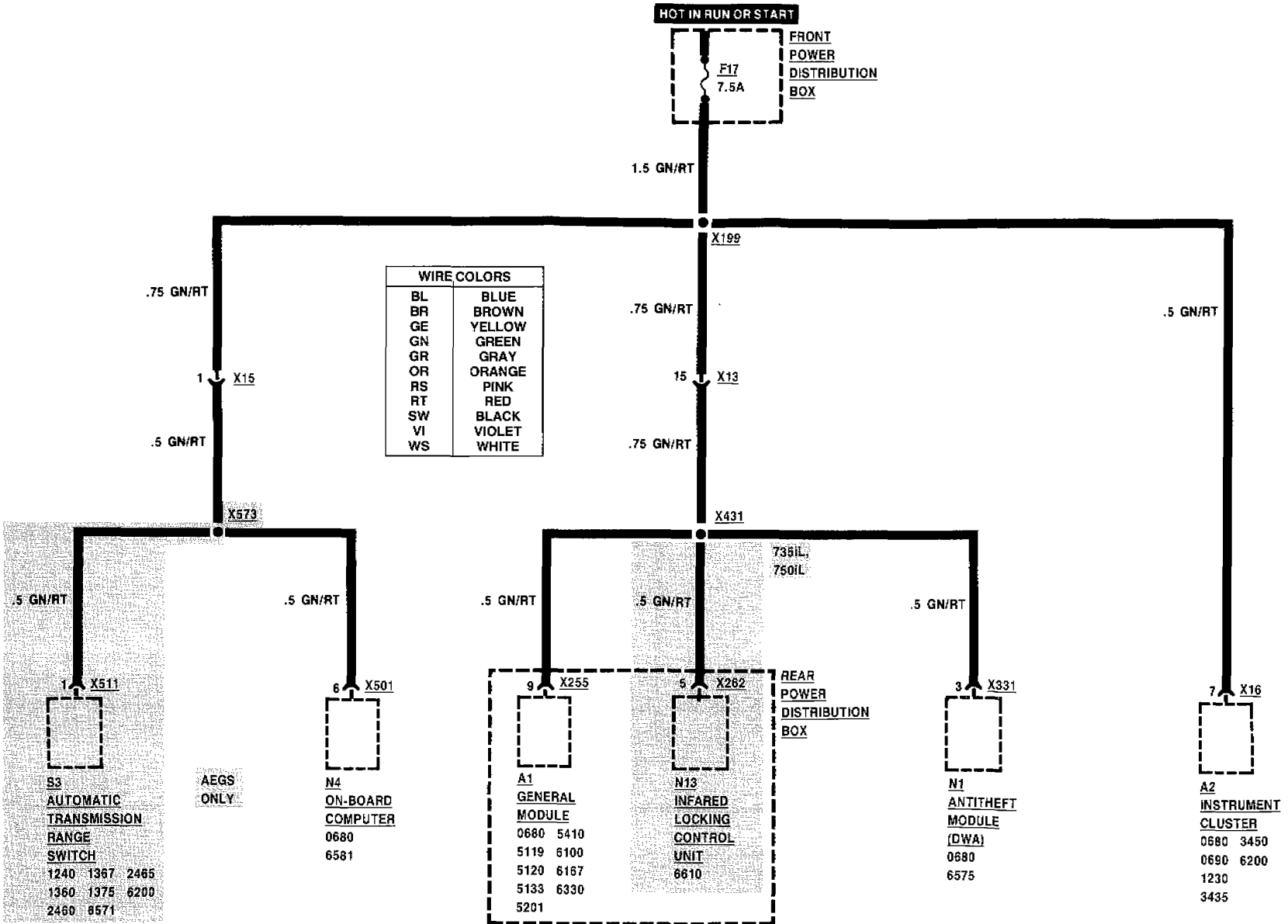
## FUSE 16





# FUSE DETAILS

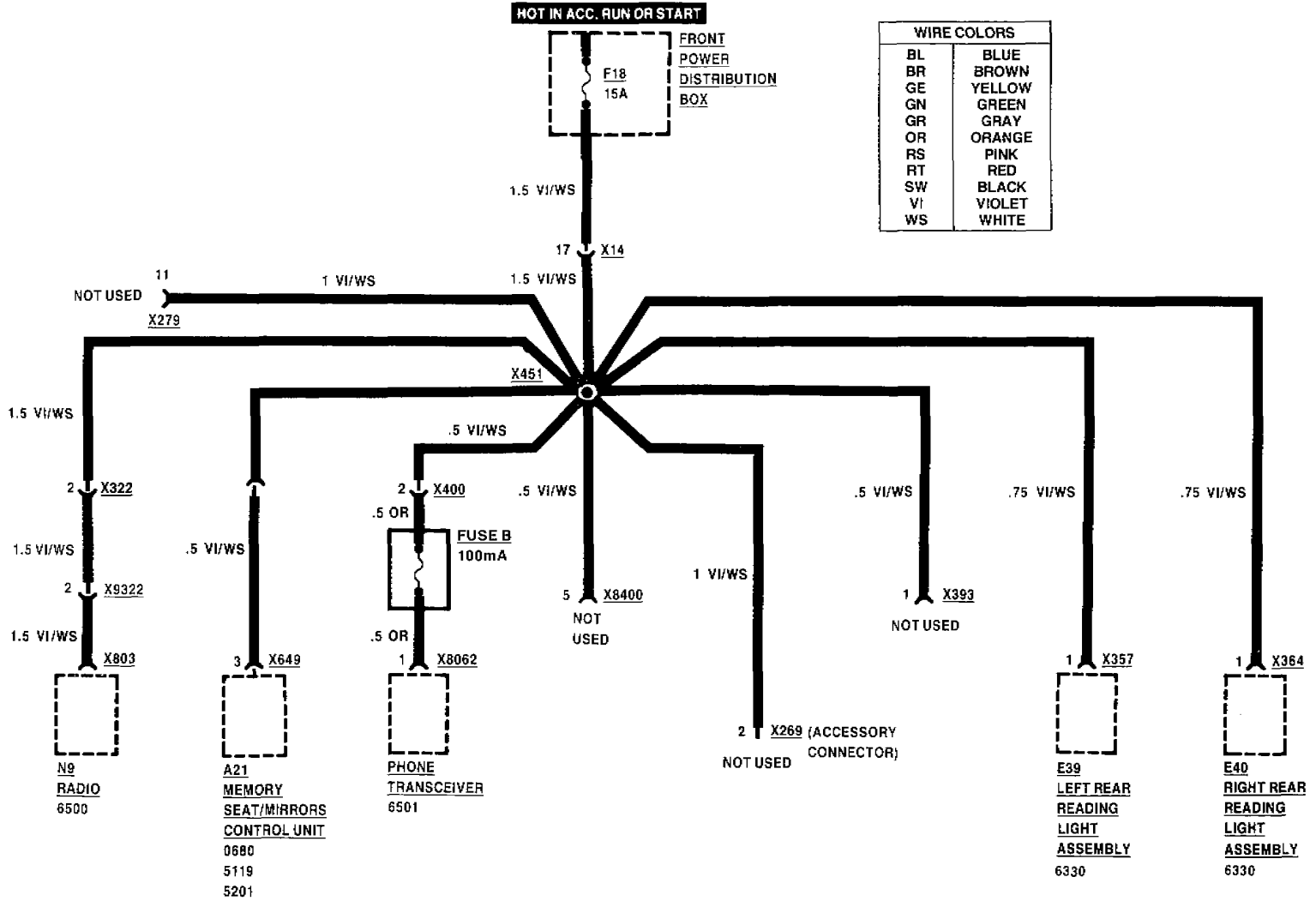
## FUSE 17





# FUSE DETAILS

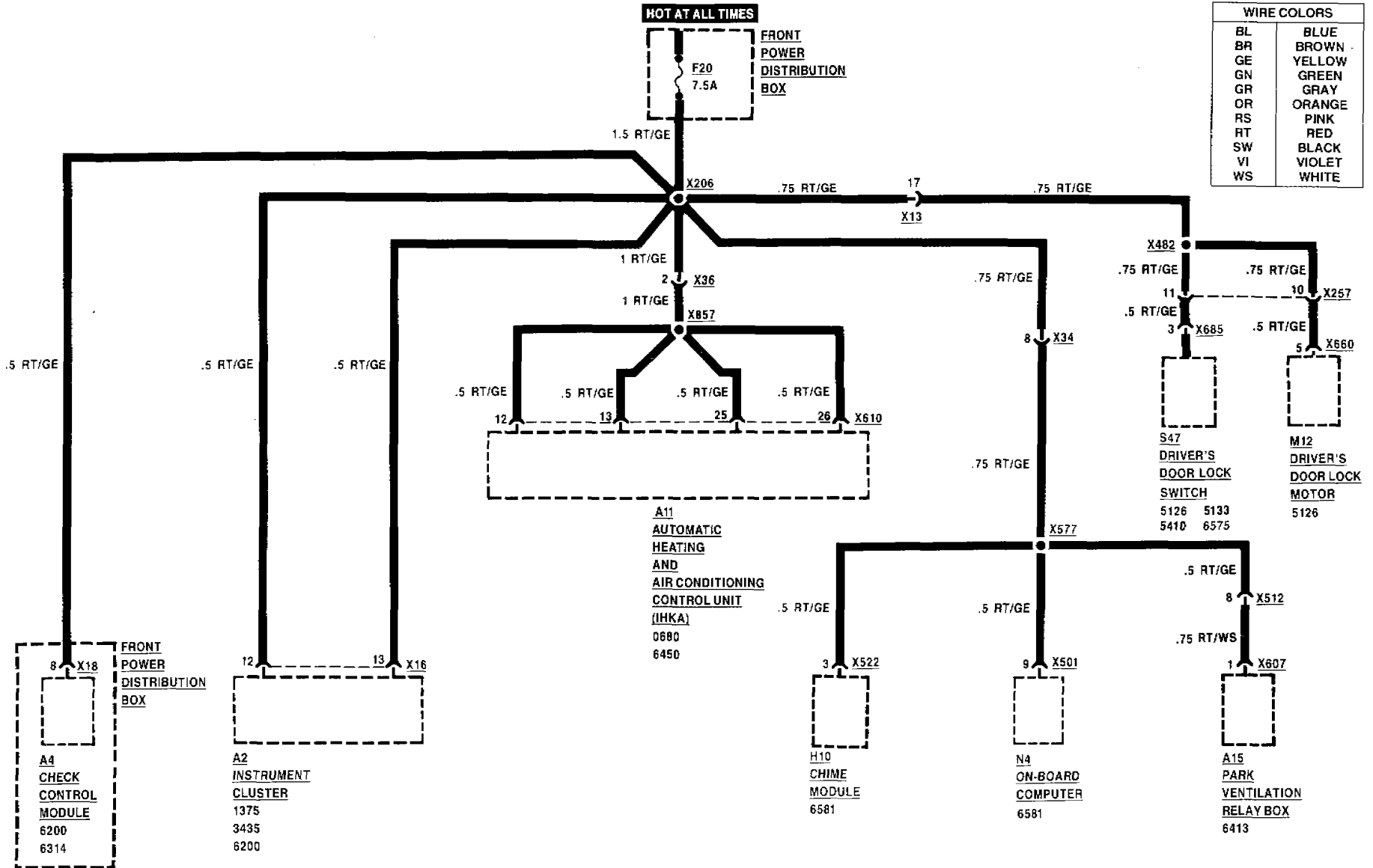
## FUSE 18





# FUSE DETAILS

## FUSE 20

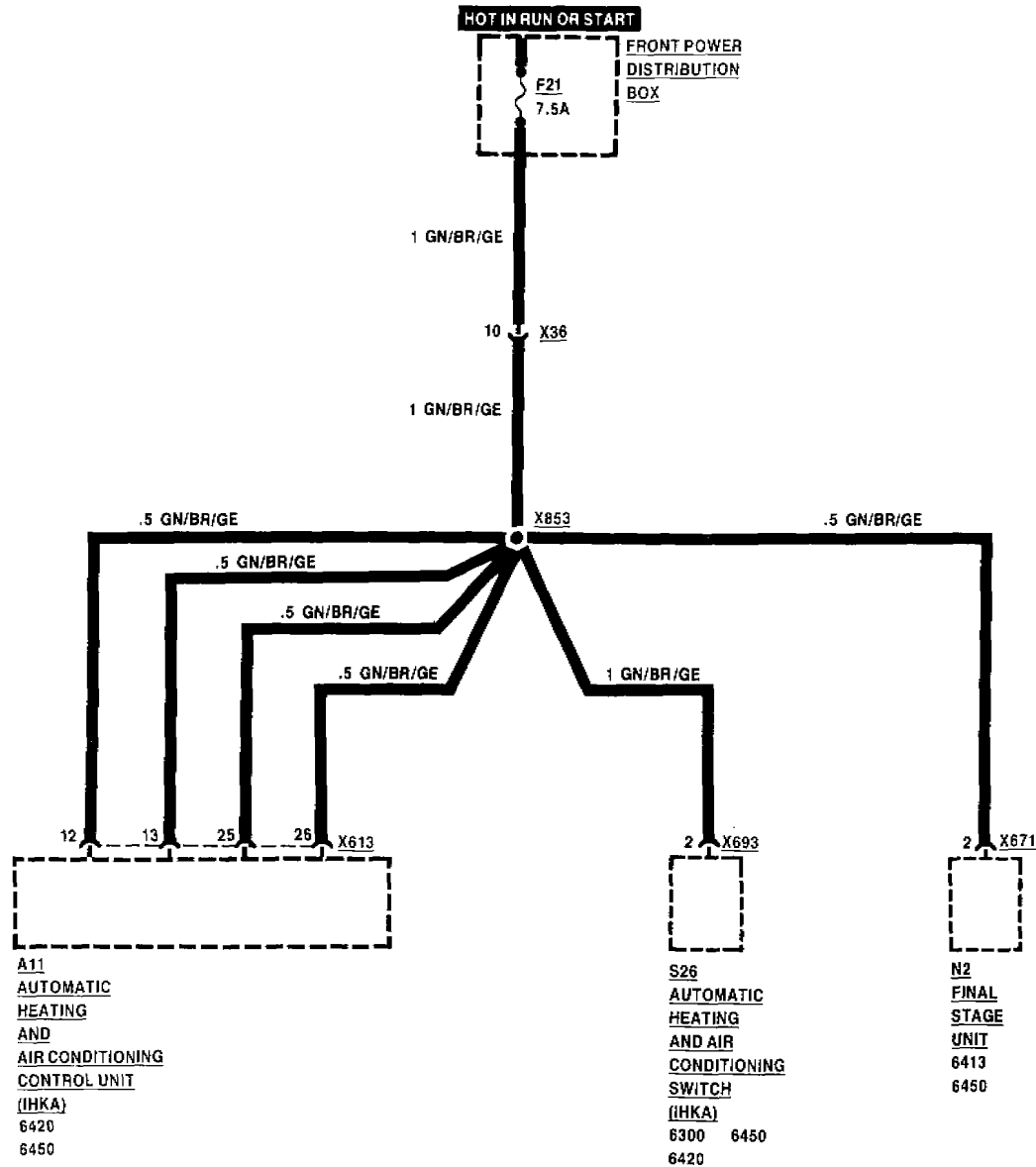






# FUSE DETAILS

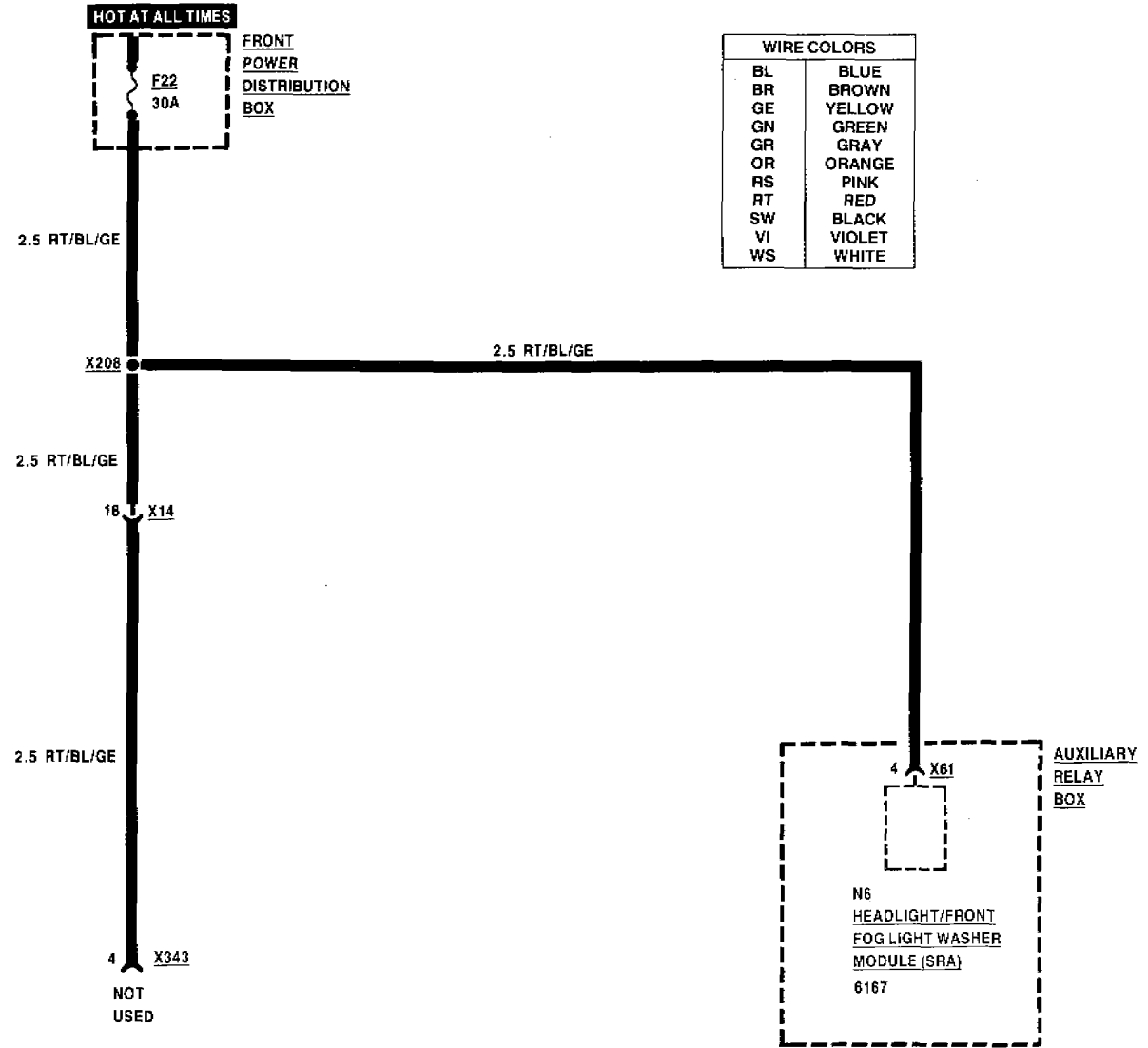
## FUSE 21





# FUSE DETAILS

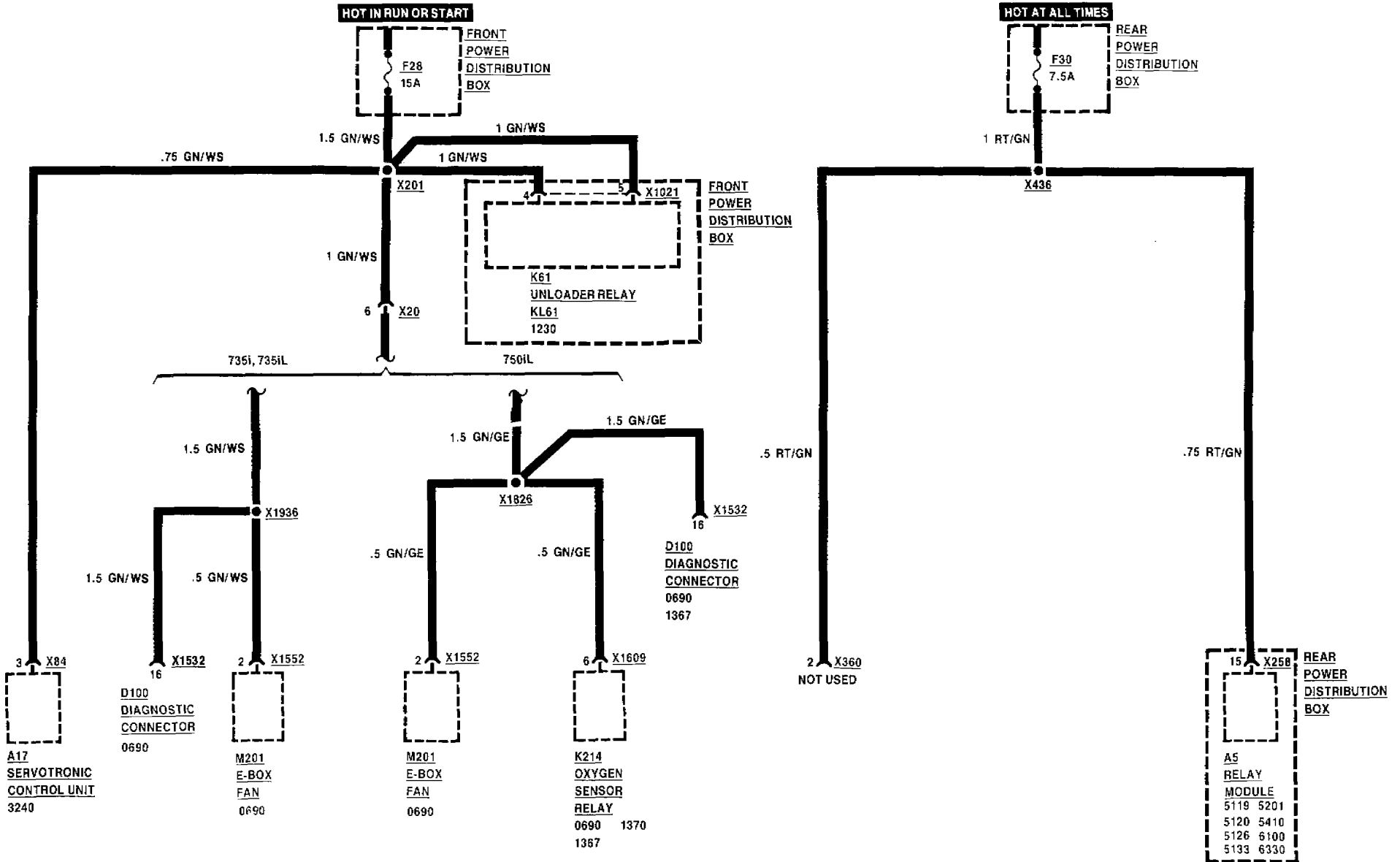
## FUSE 22



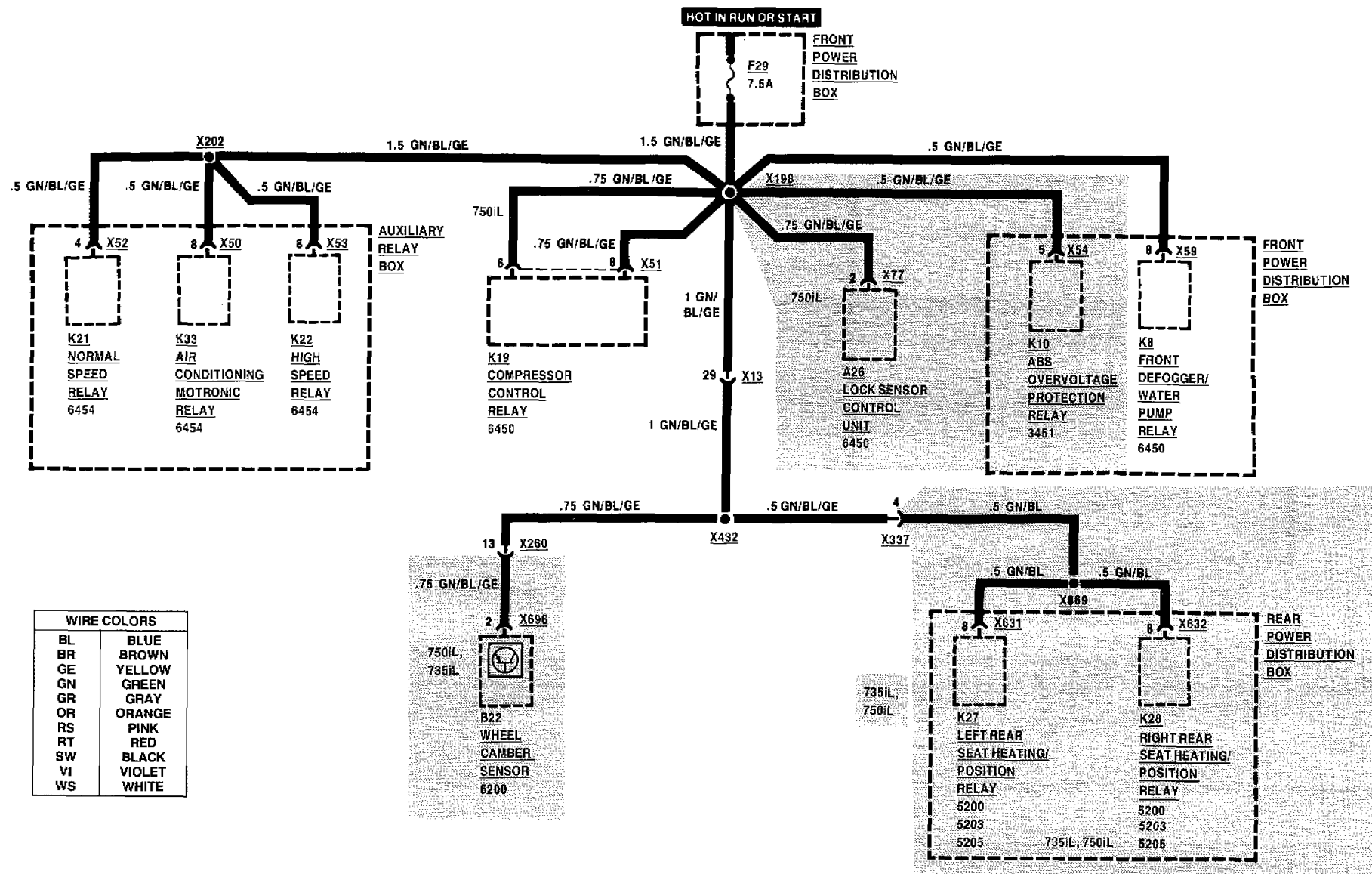


# FUSE DETAILS

## FUSES 28 AND 30



**BMW**  
**7** **FUSE DETAILS**  
**FUSE 29**

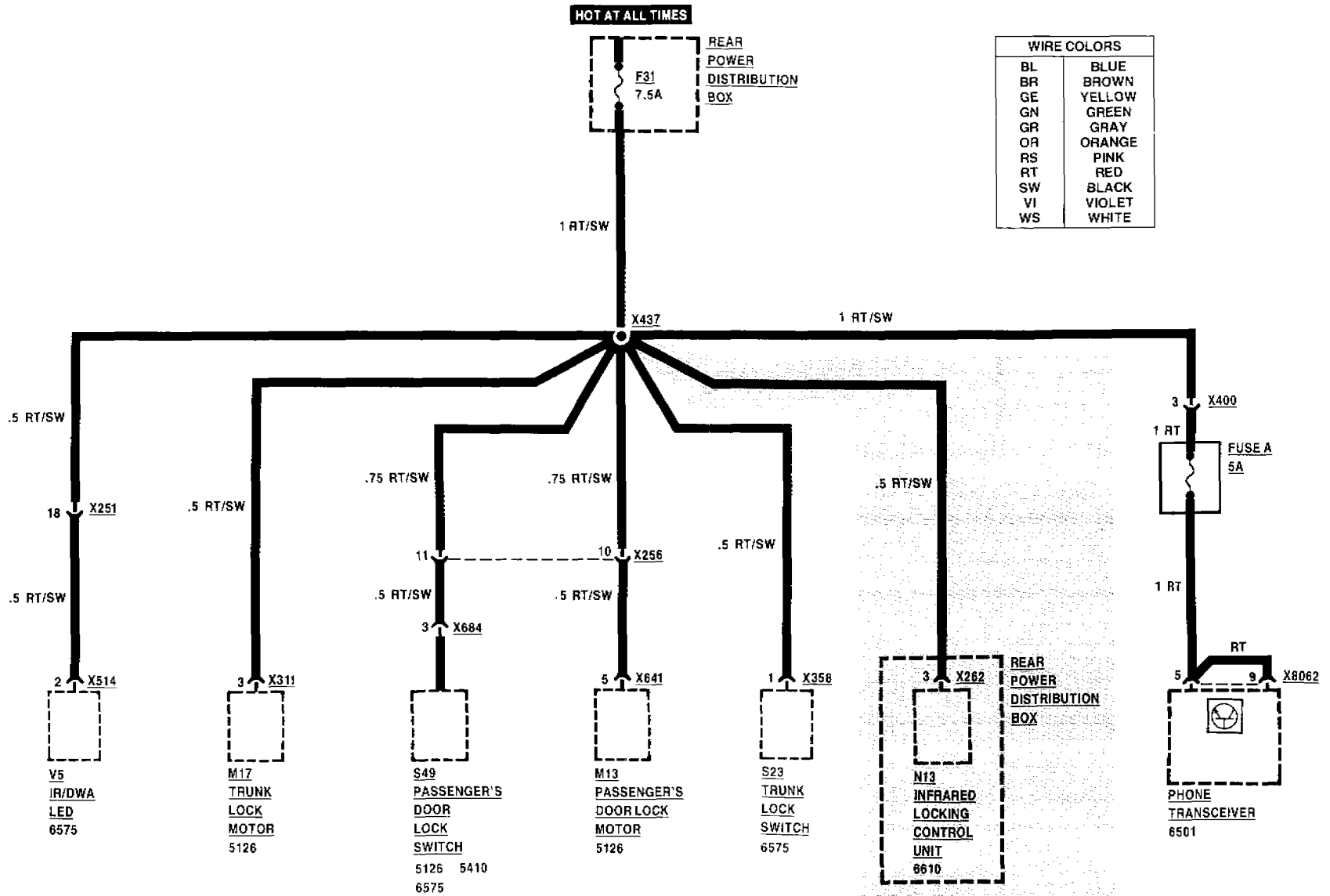


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# FUSE DETAILS

## FUSE 31

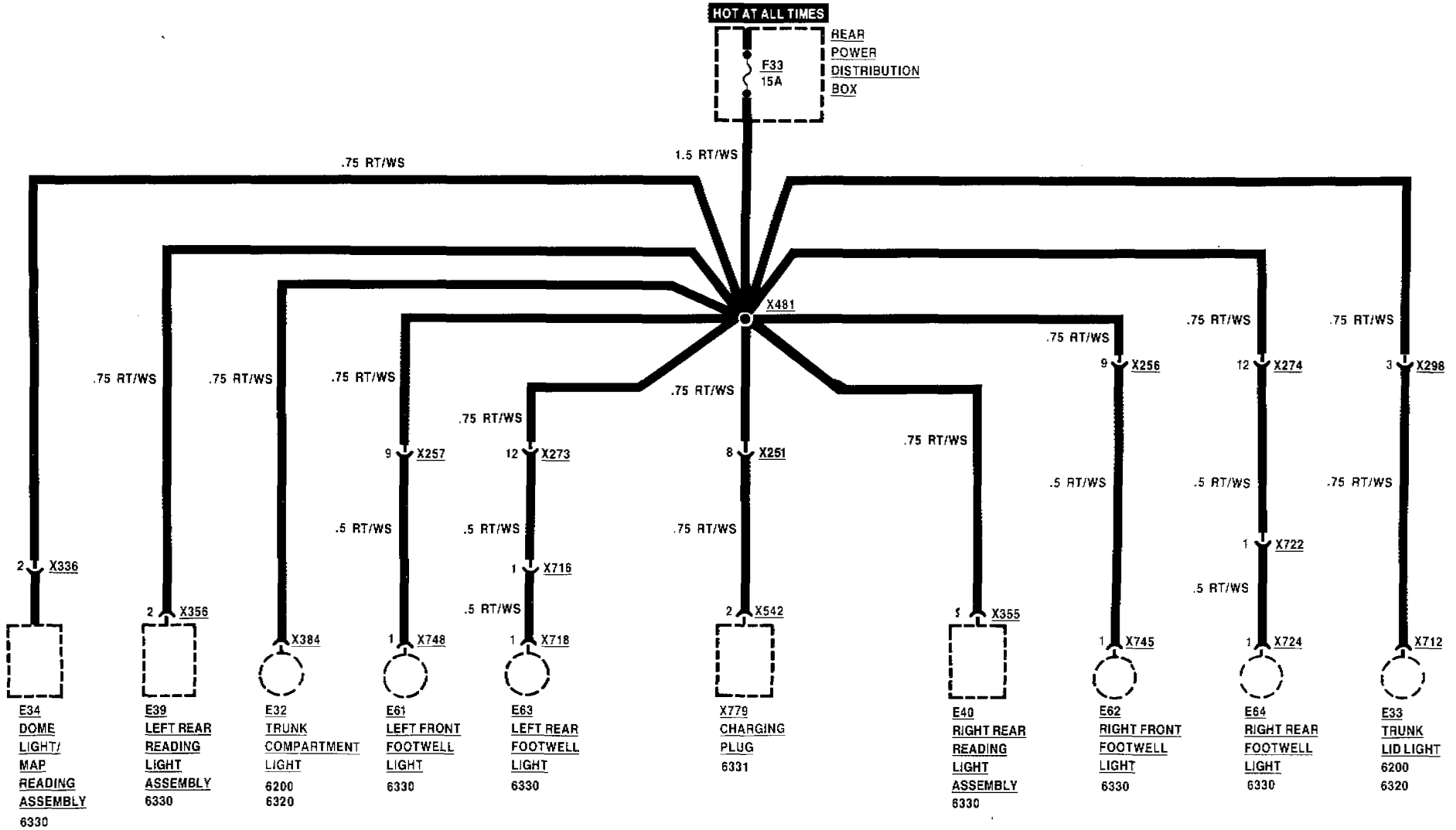


735IL, 750IL



# FUSE DETAILS

## FUSE 33

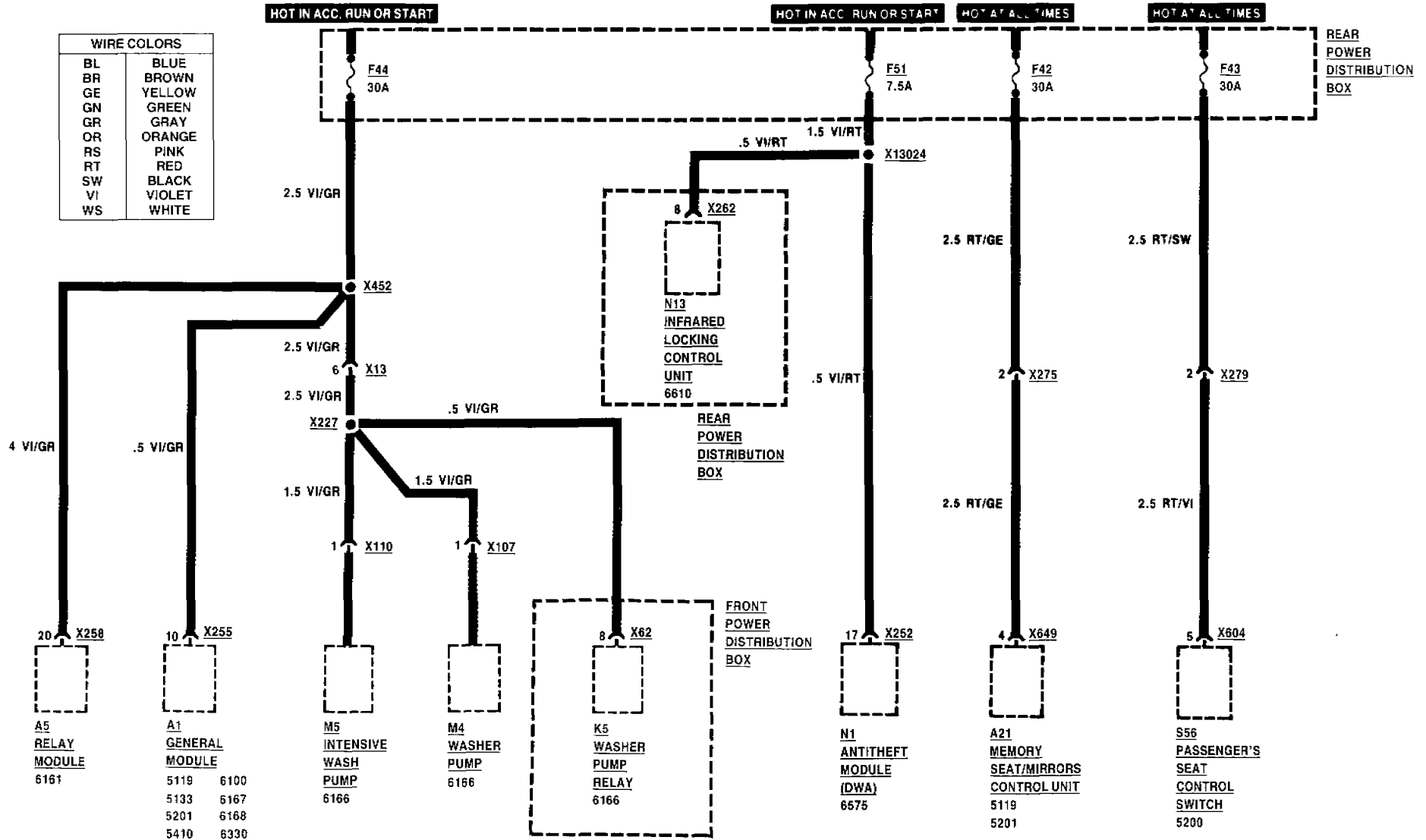




# FUSE DETAILS

## FUSES 42, 43, 44 AND 51

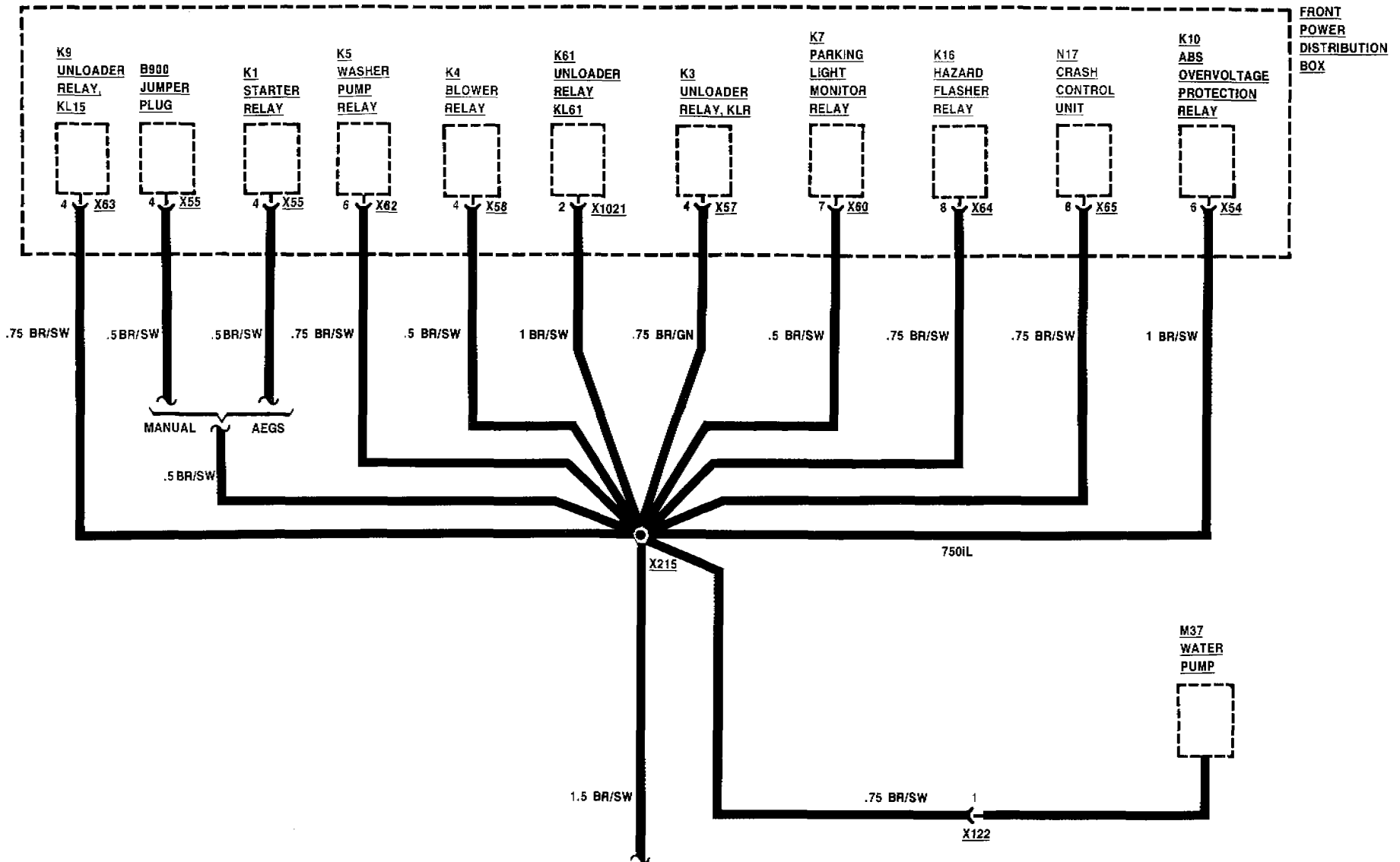
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GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



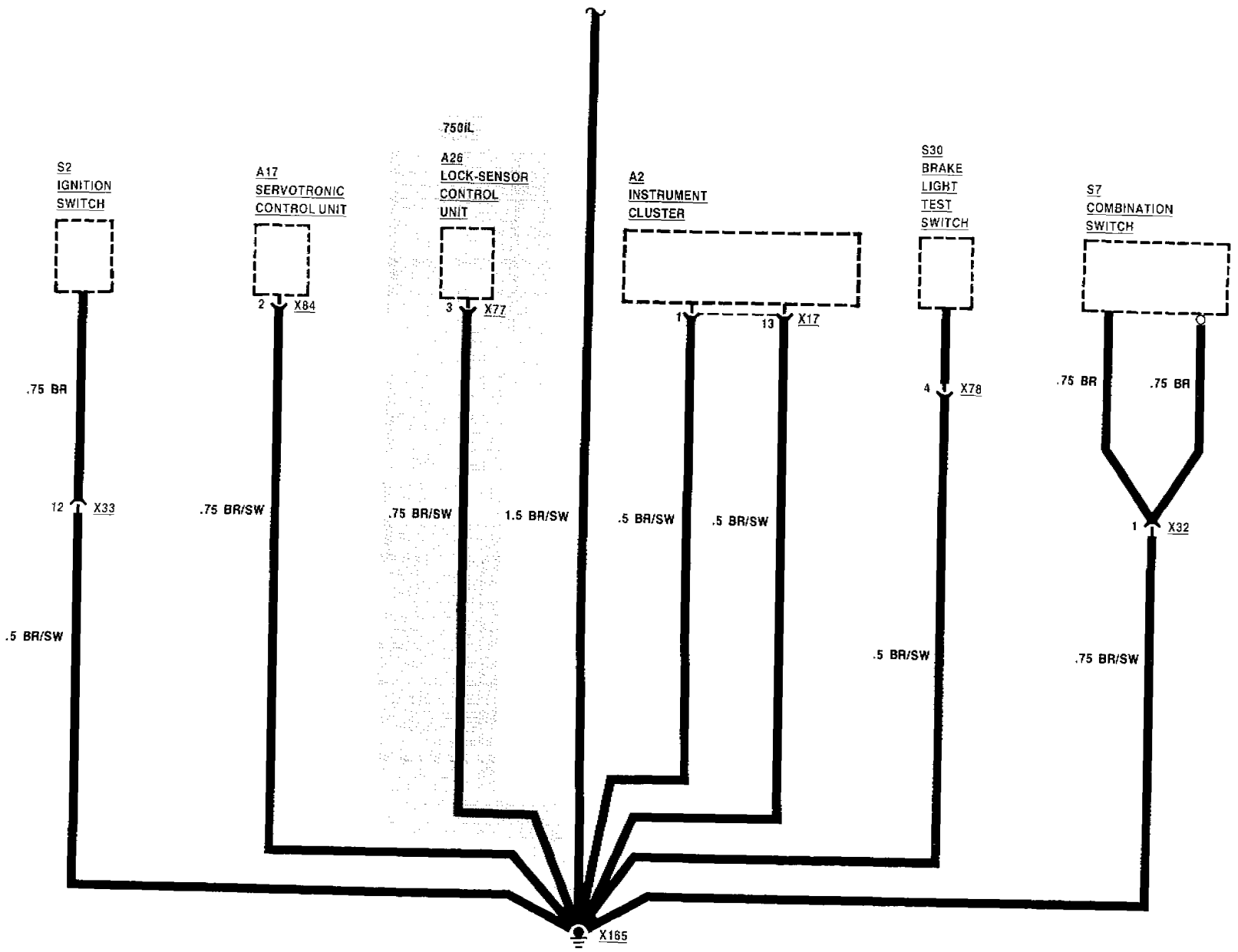


# GROUND DISTRIBUTION

## GROUND X165



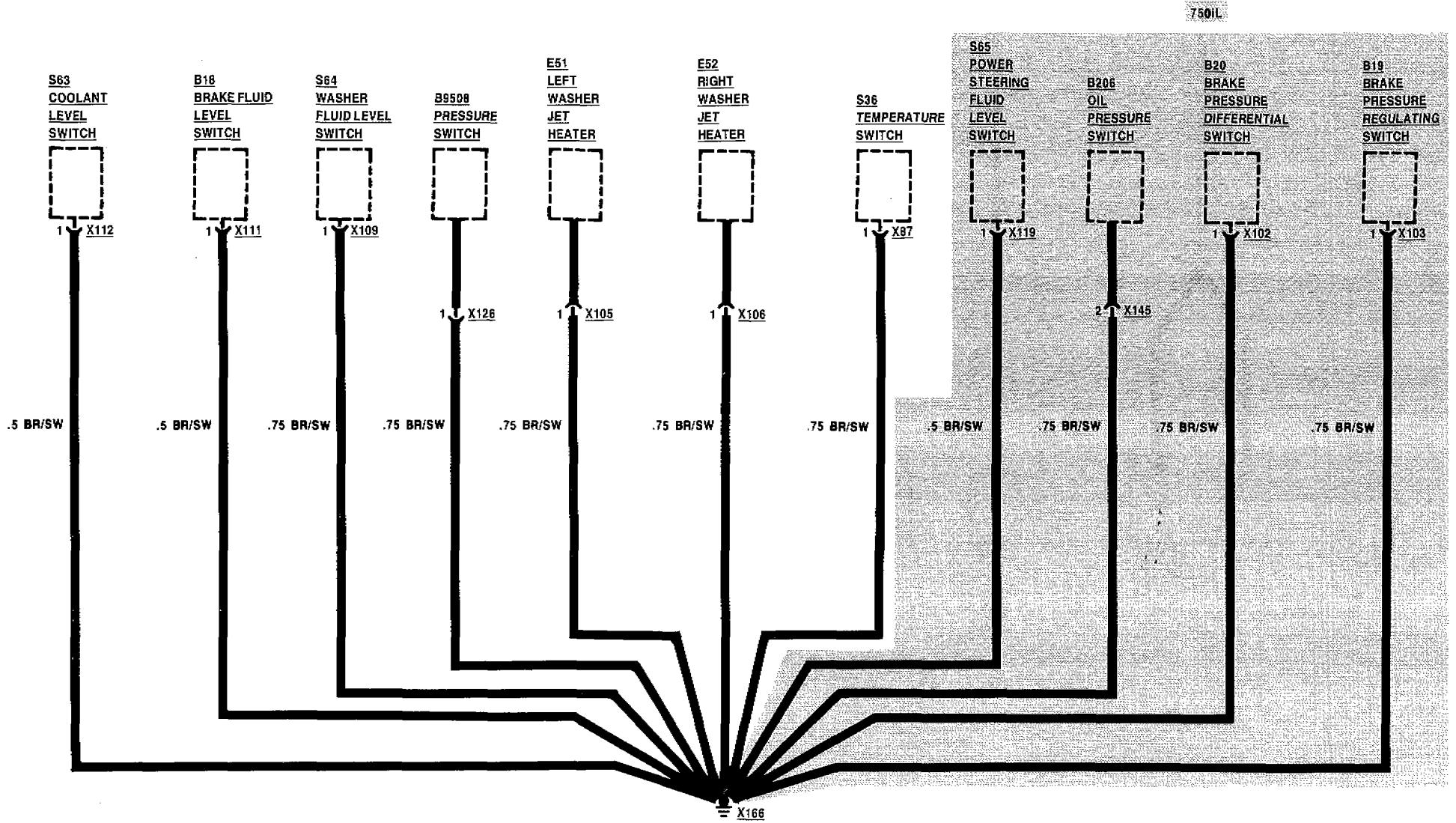






# GROUND DISTRIBUTION

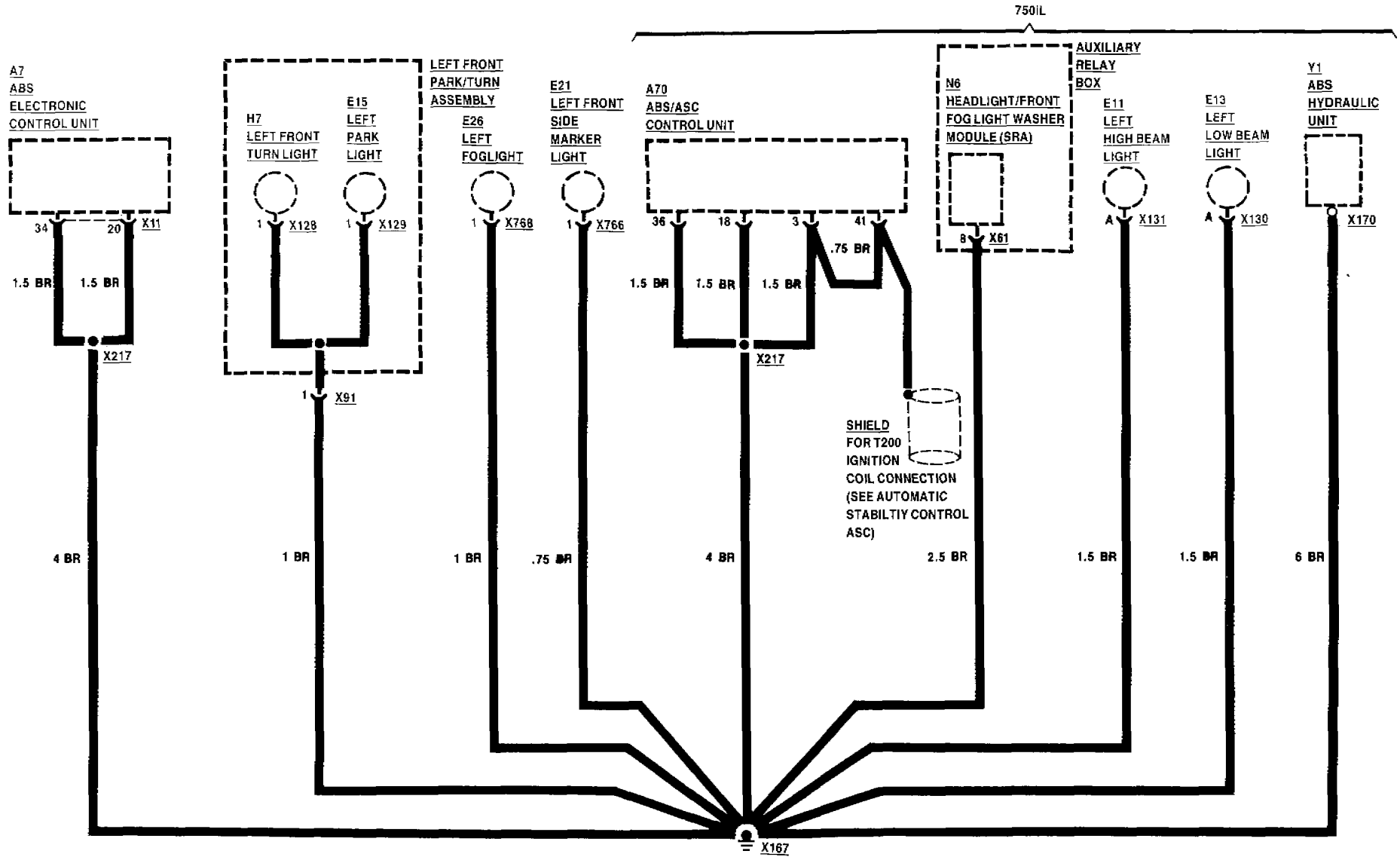
## GROUND X166





# GROUND DISTRIBUTION

## GROUND X167

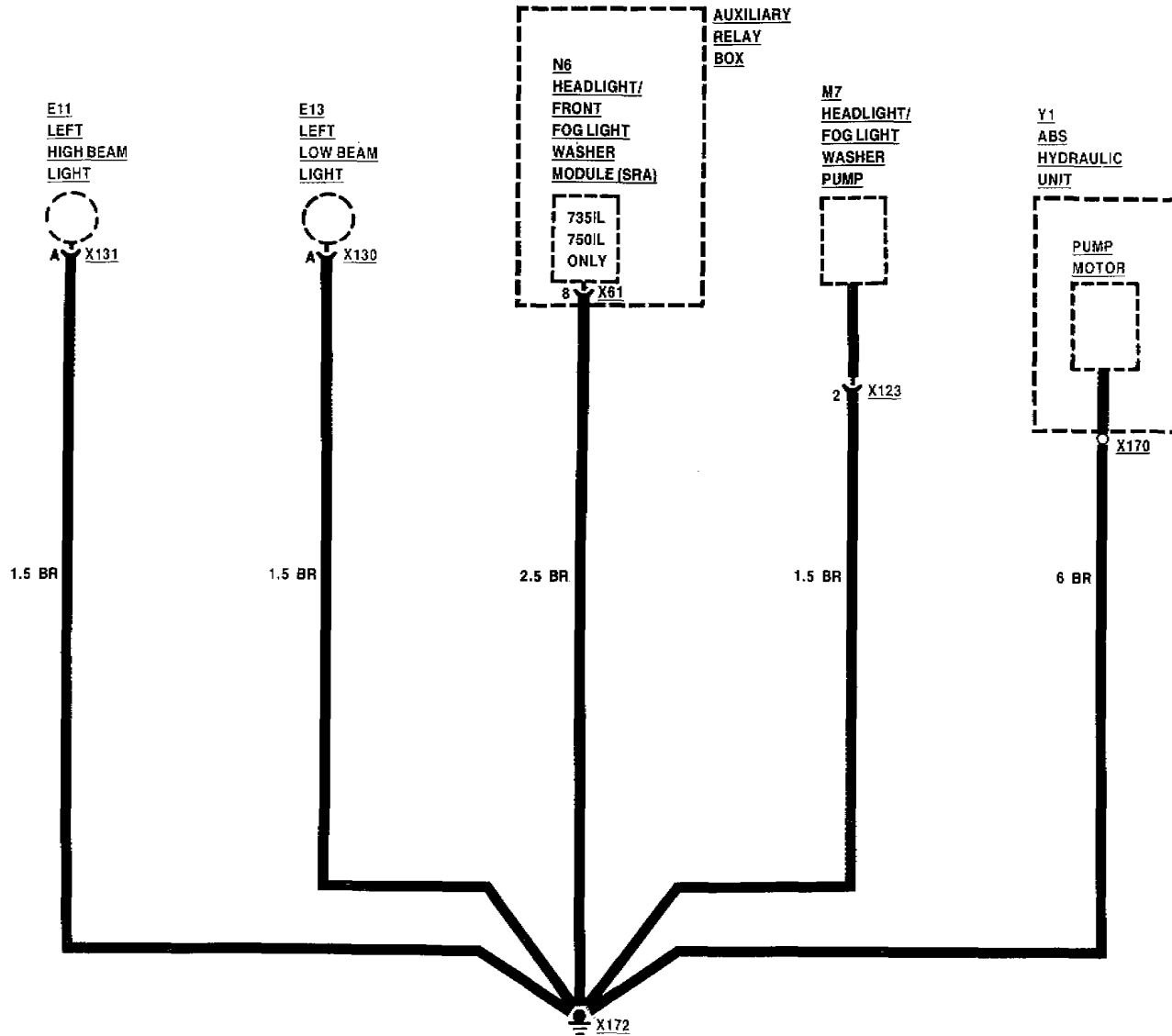




# GROUND DISTRIBUTION

GROUND X172

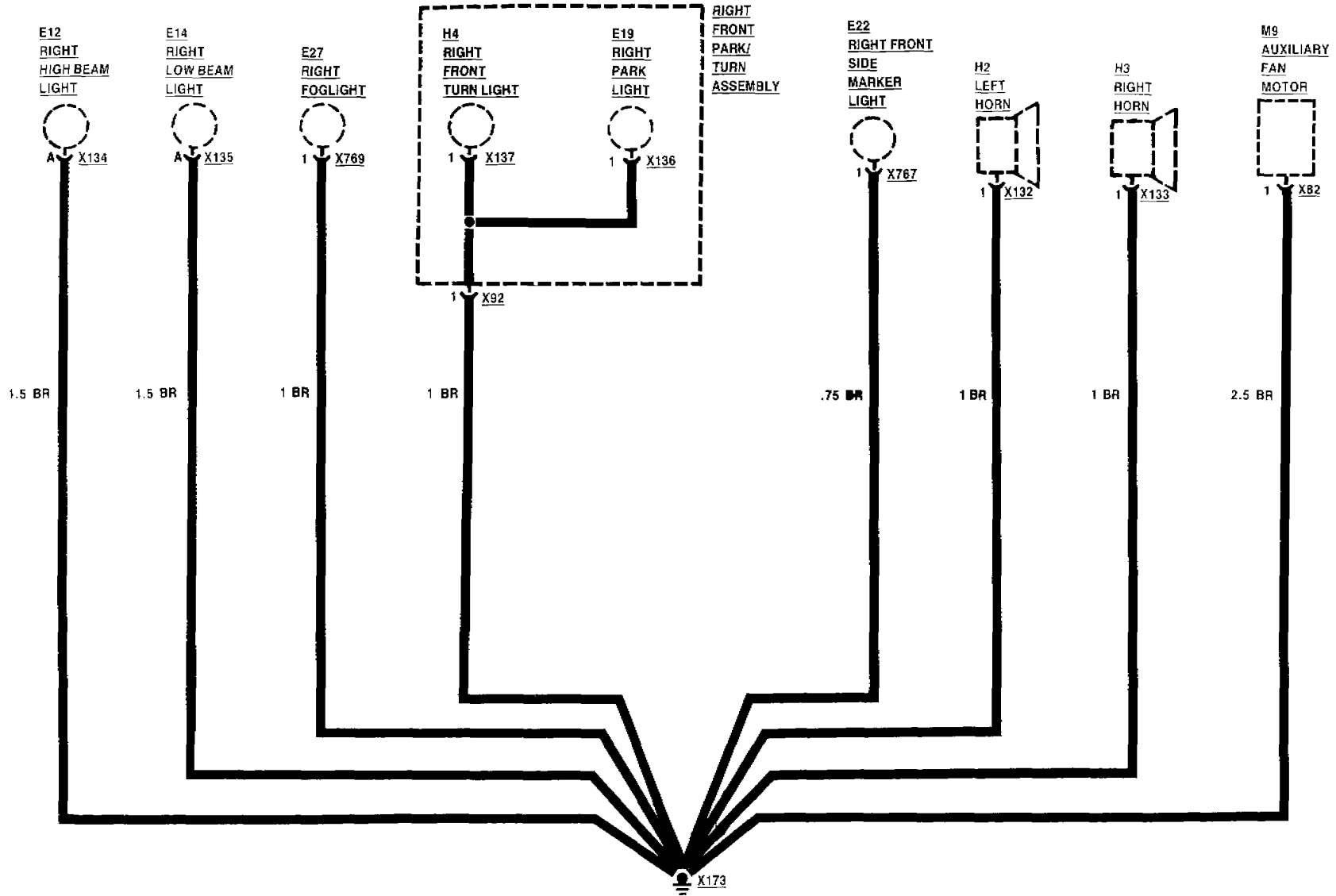
735i, 735iL





# GROUND DISTRIBUTION

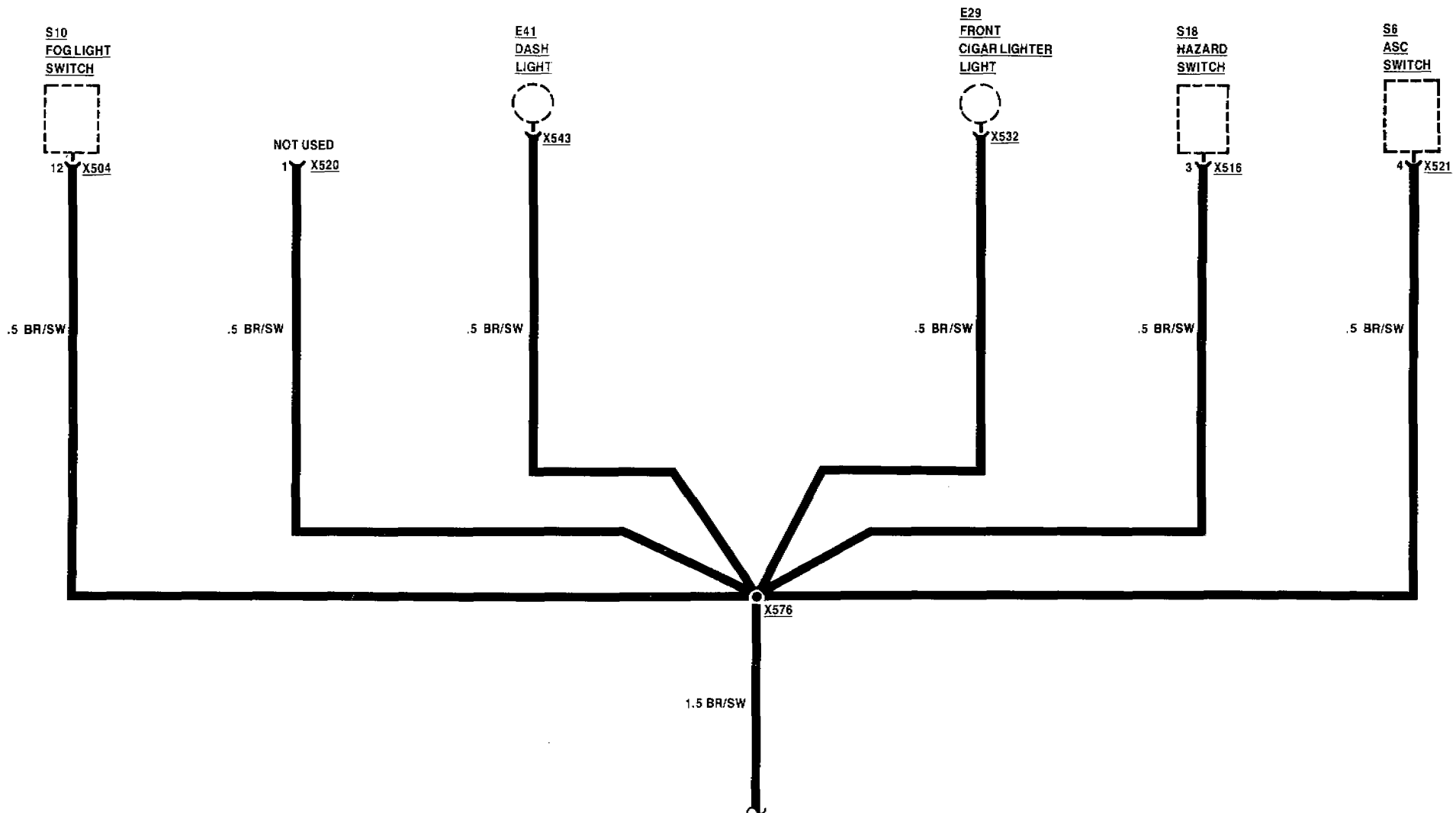
## GROUND X173

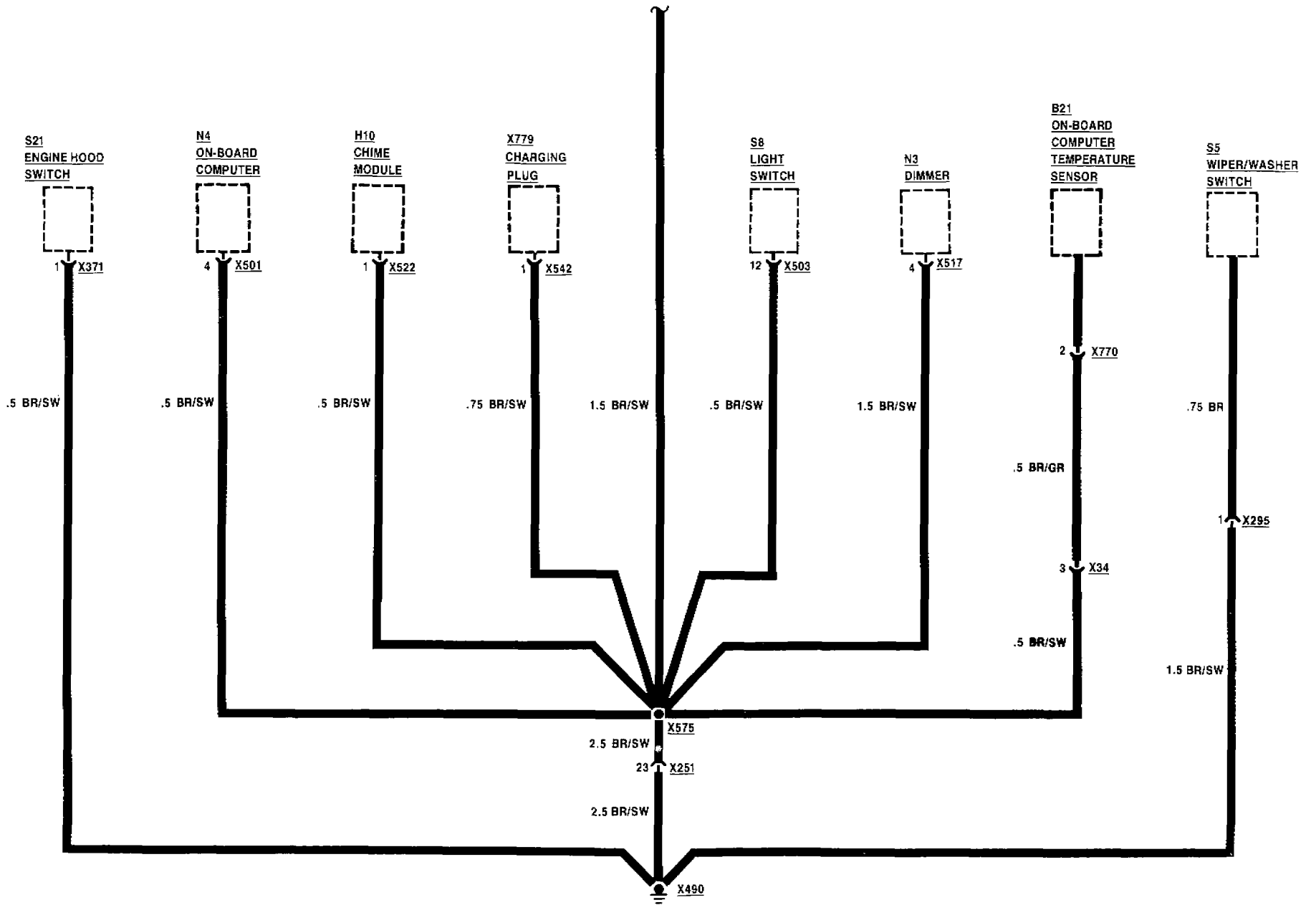




# GROUND DISTRIBUTION

## GROUND X490

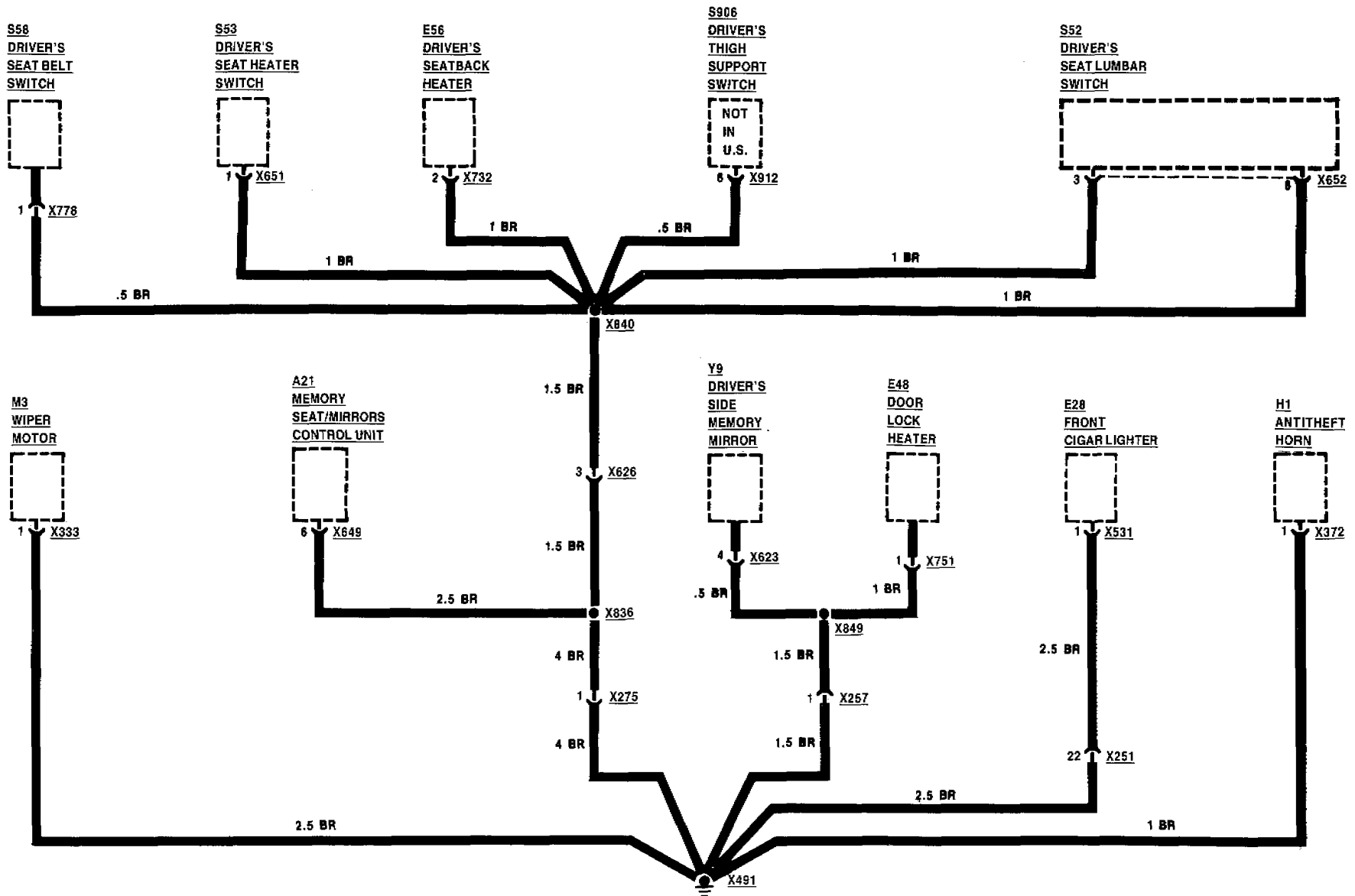






# GROUND DISTRIBUTION

## GROUND X491

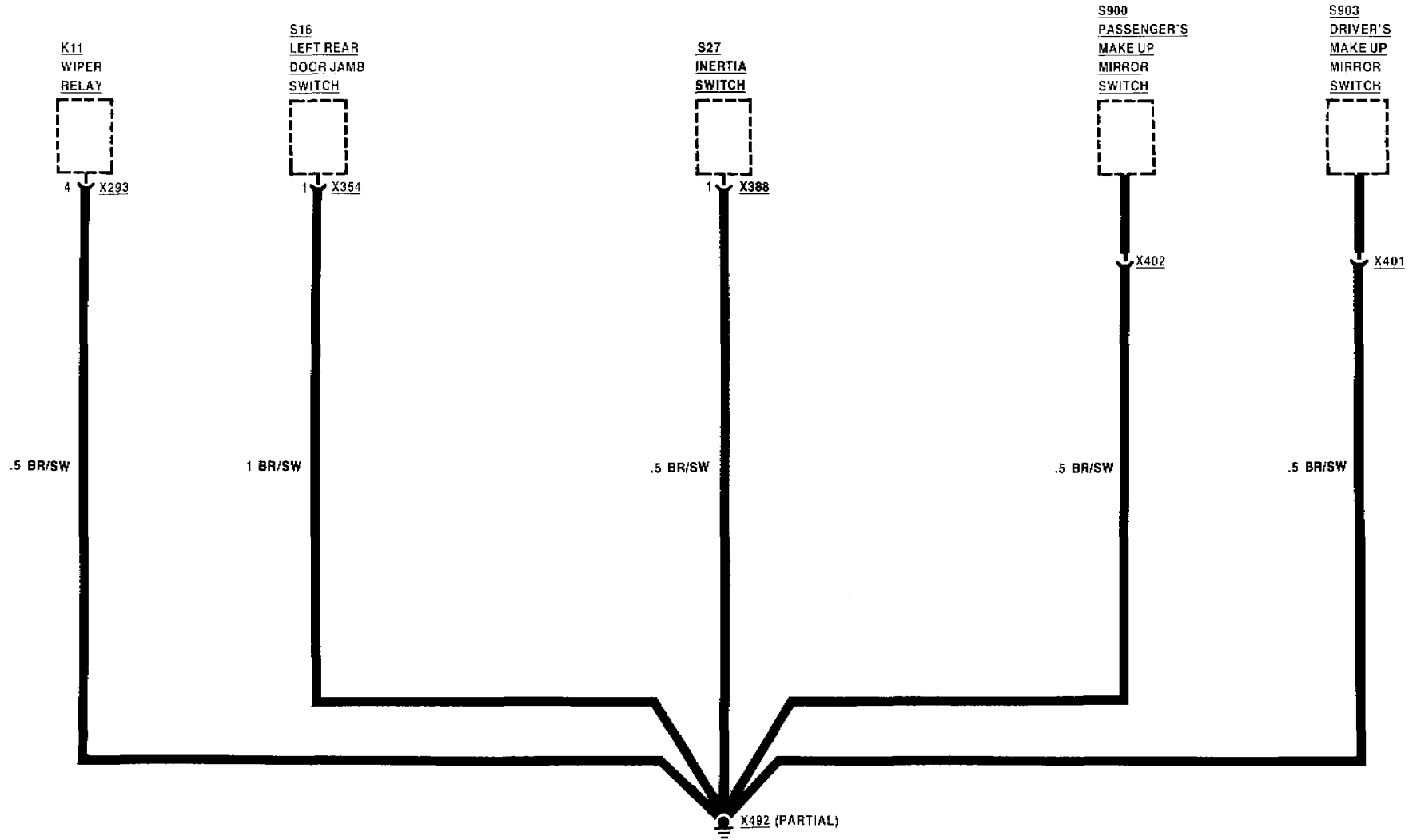






# GROUND DISTRIBUTION

## GROUND X492



09/89

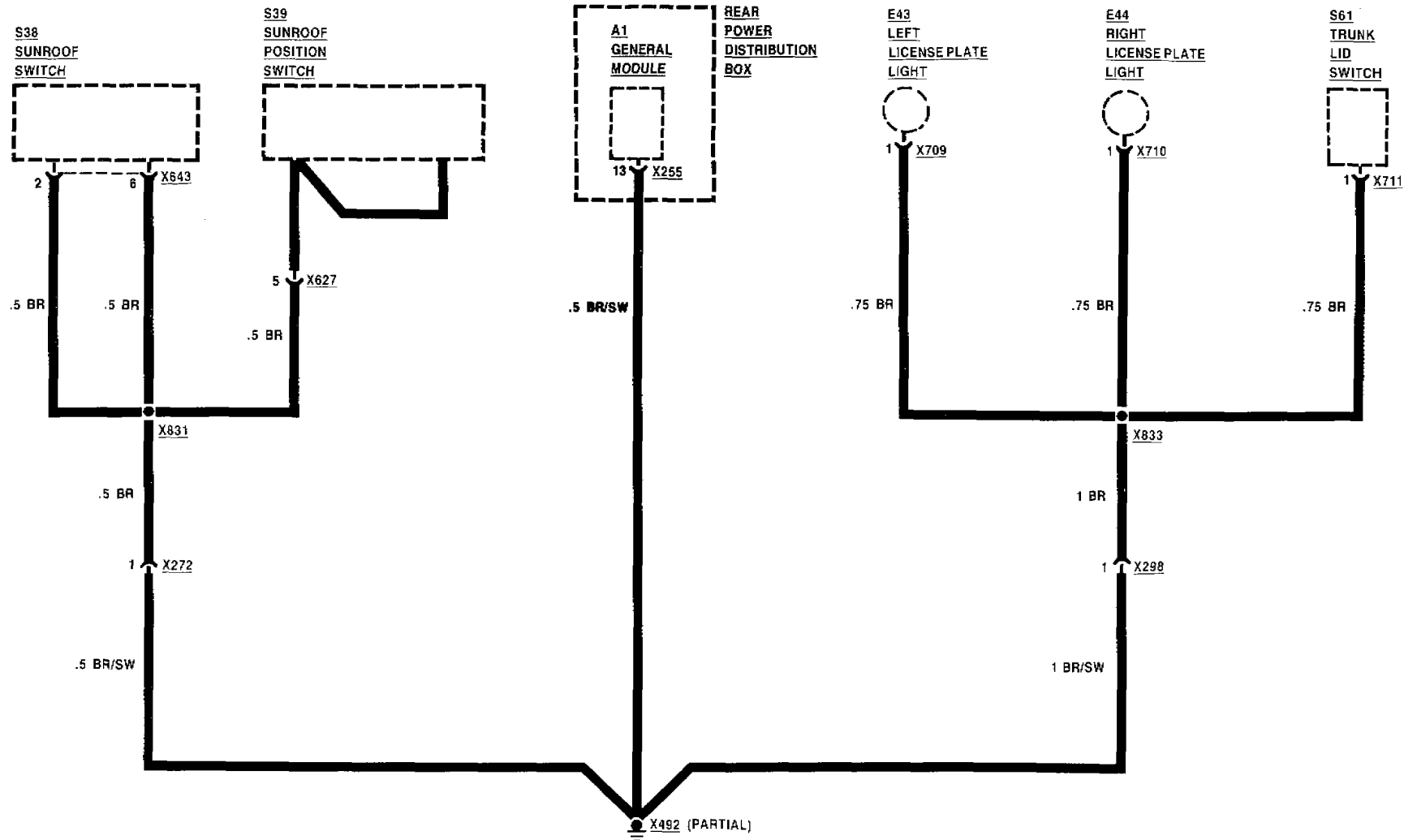
0672-09

1990



# GROUND DISTRIBUTION

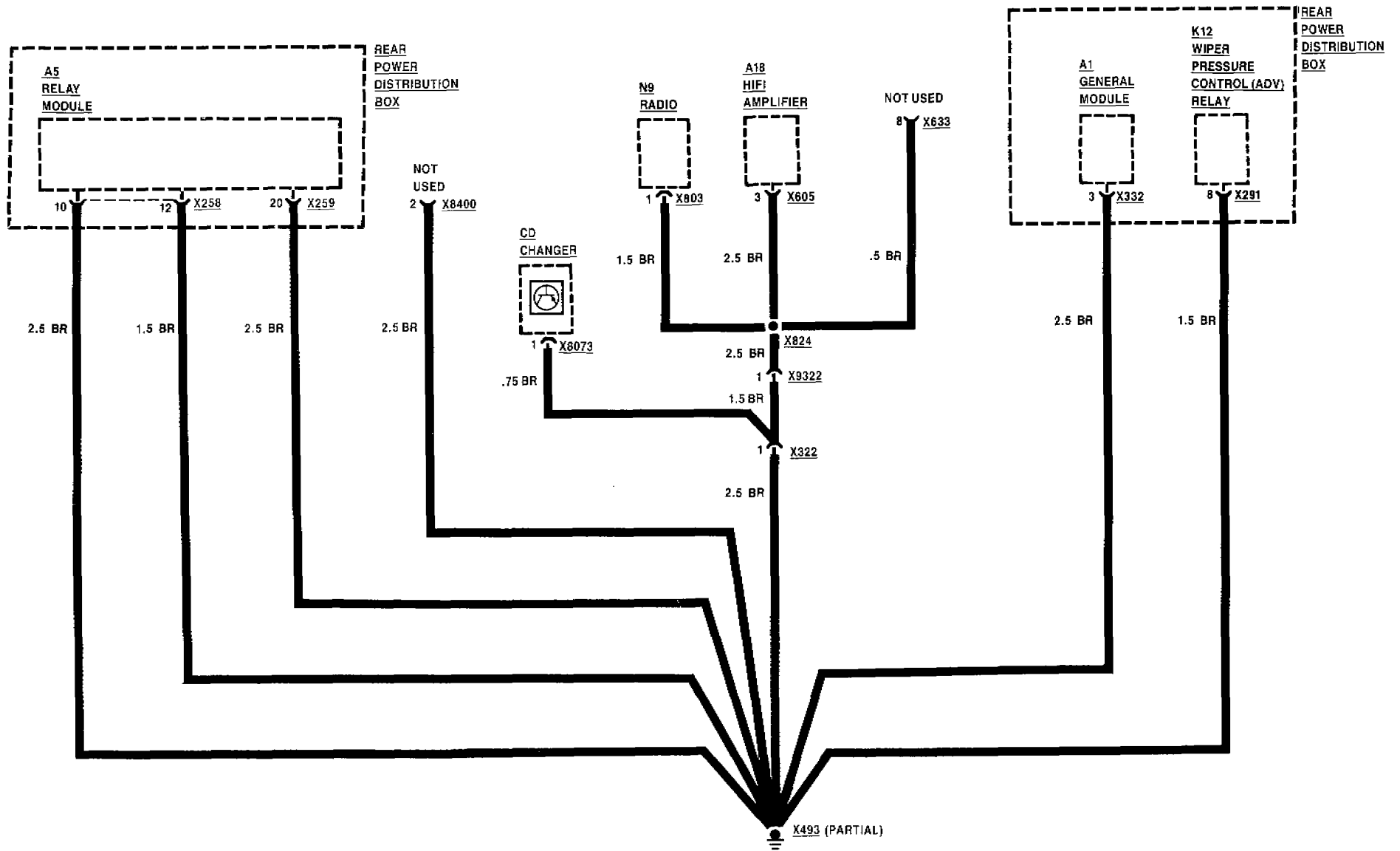
## GROUND X492





# GROUND DISTRIBUTION

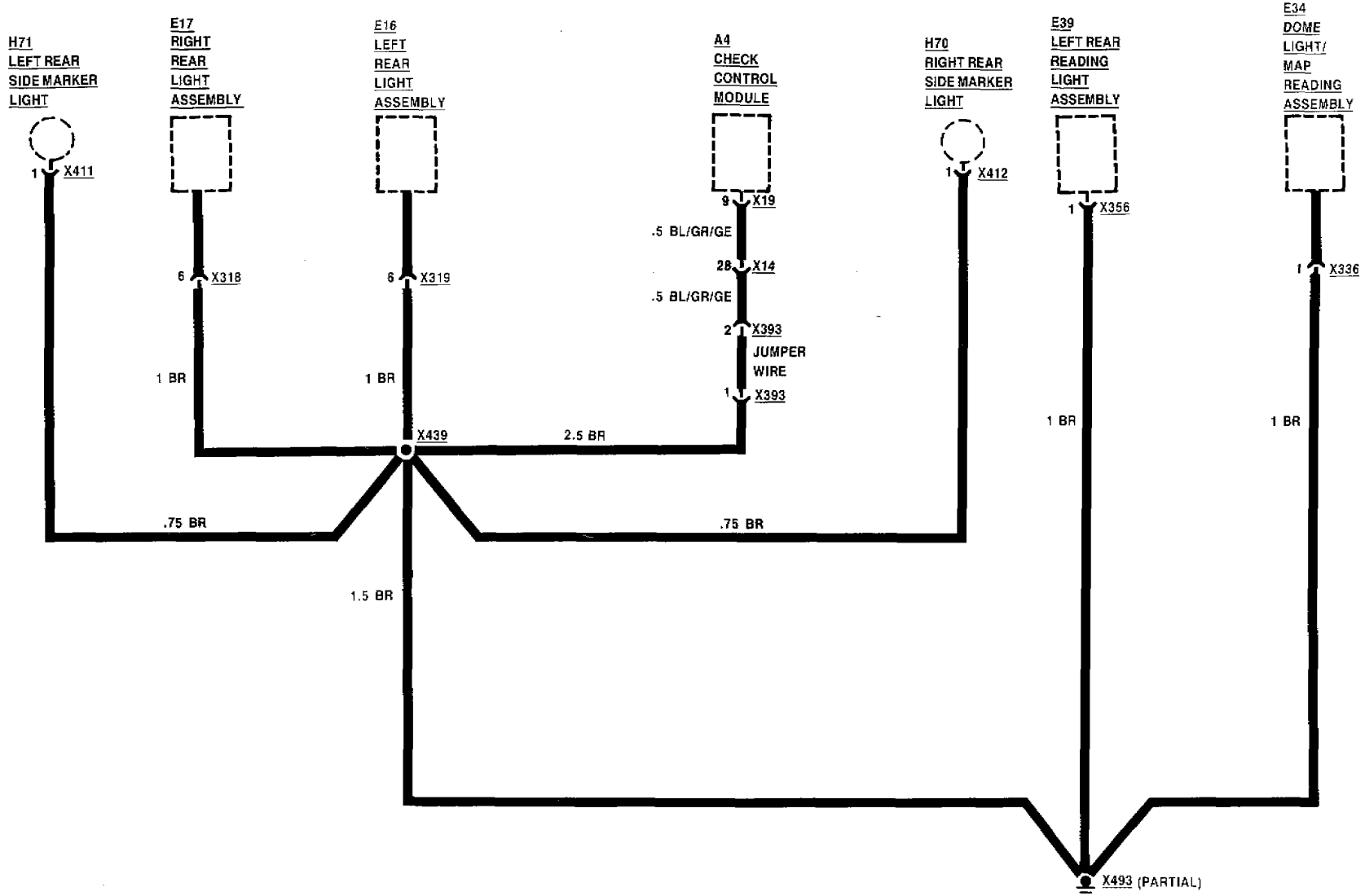
## GROUND X493





# GROUND DISTRIBUTION

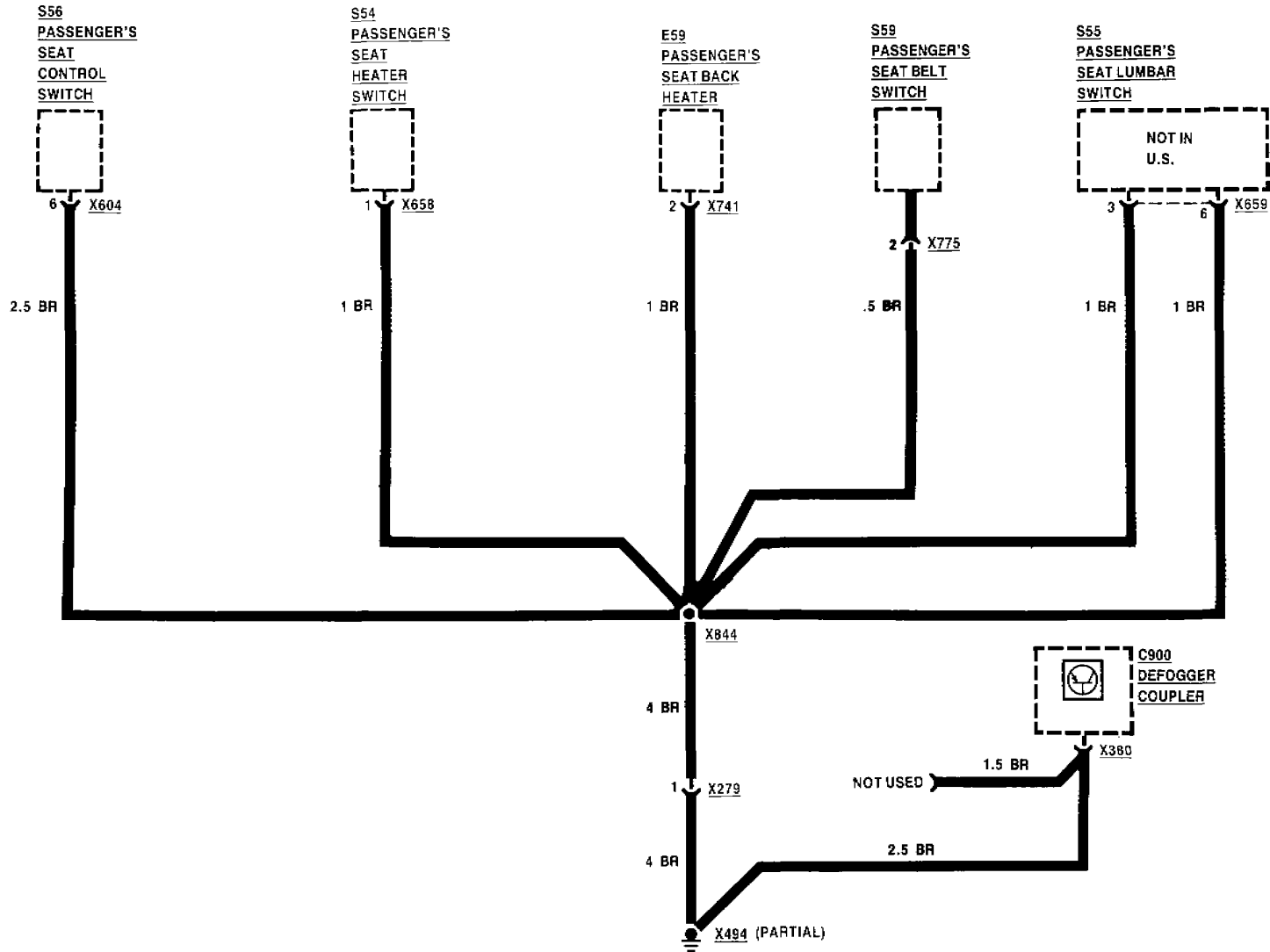
## GROUND X493





# GROUND DISTRIBUTION

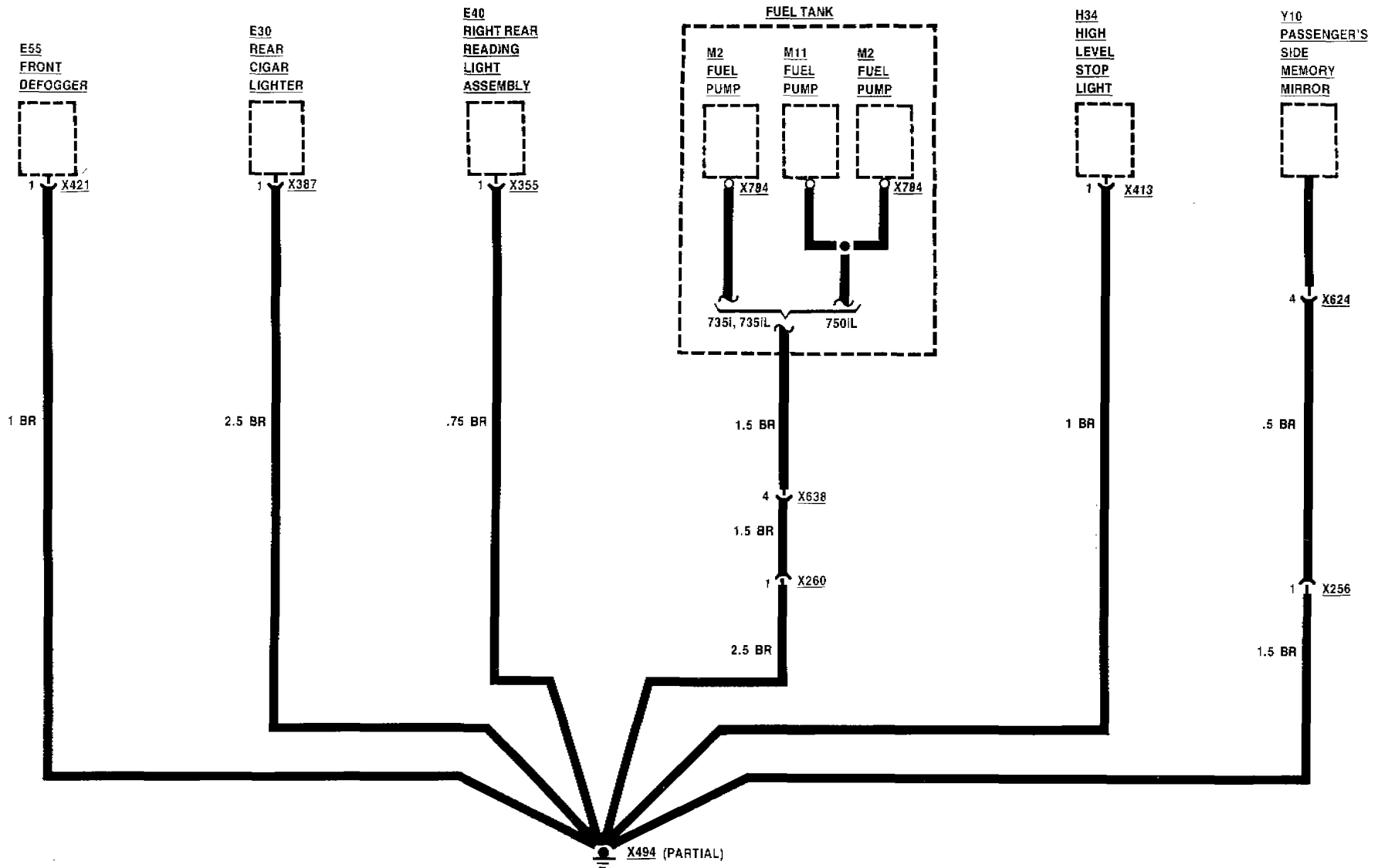
## GROUND X494





# GROUND DISTRIBUTION

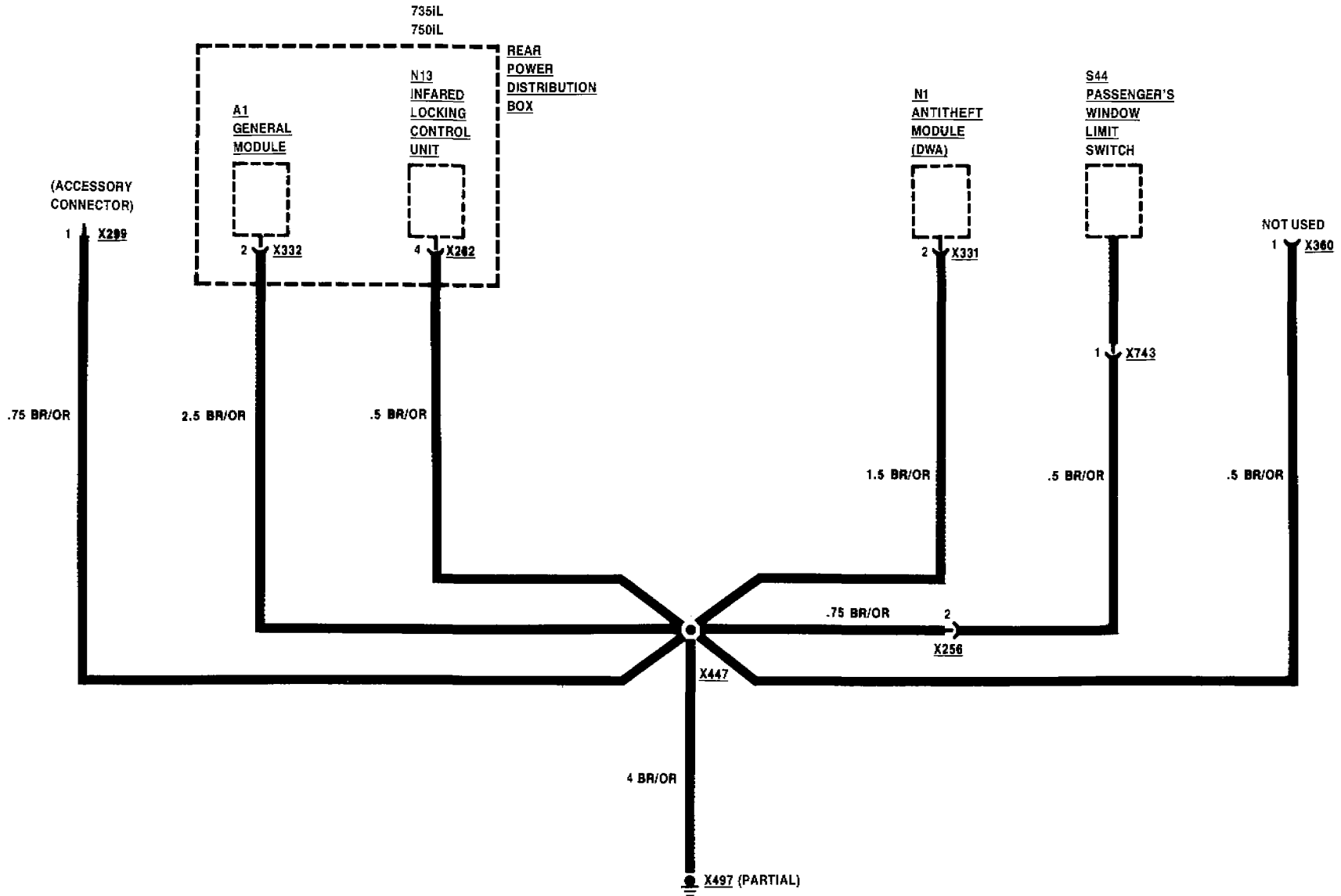
## GROUND X494





# GROUND DISTRIBUTION

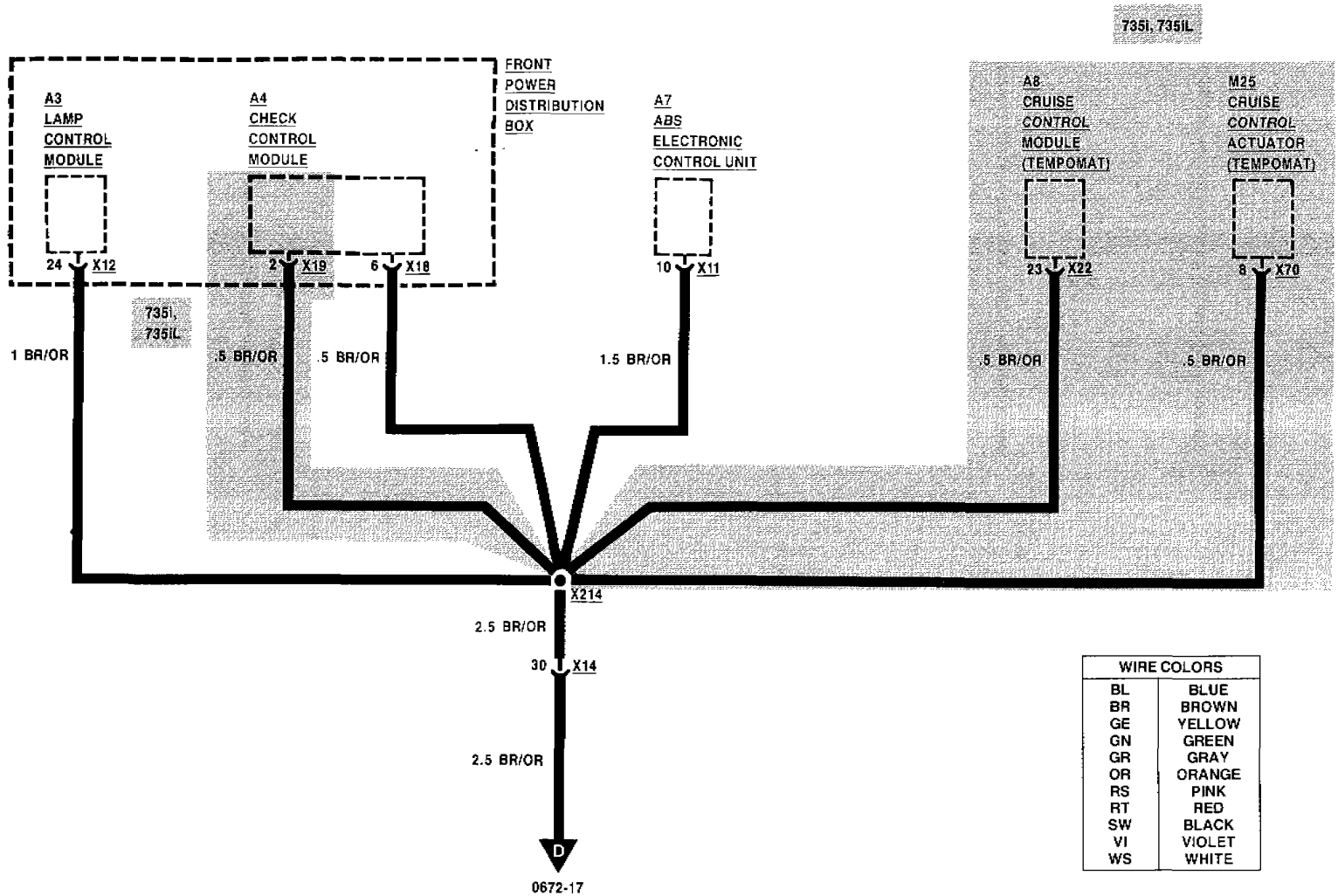
## GROUND X497





# GROUND DISTRIBUTION

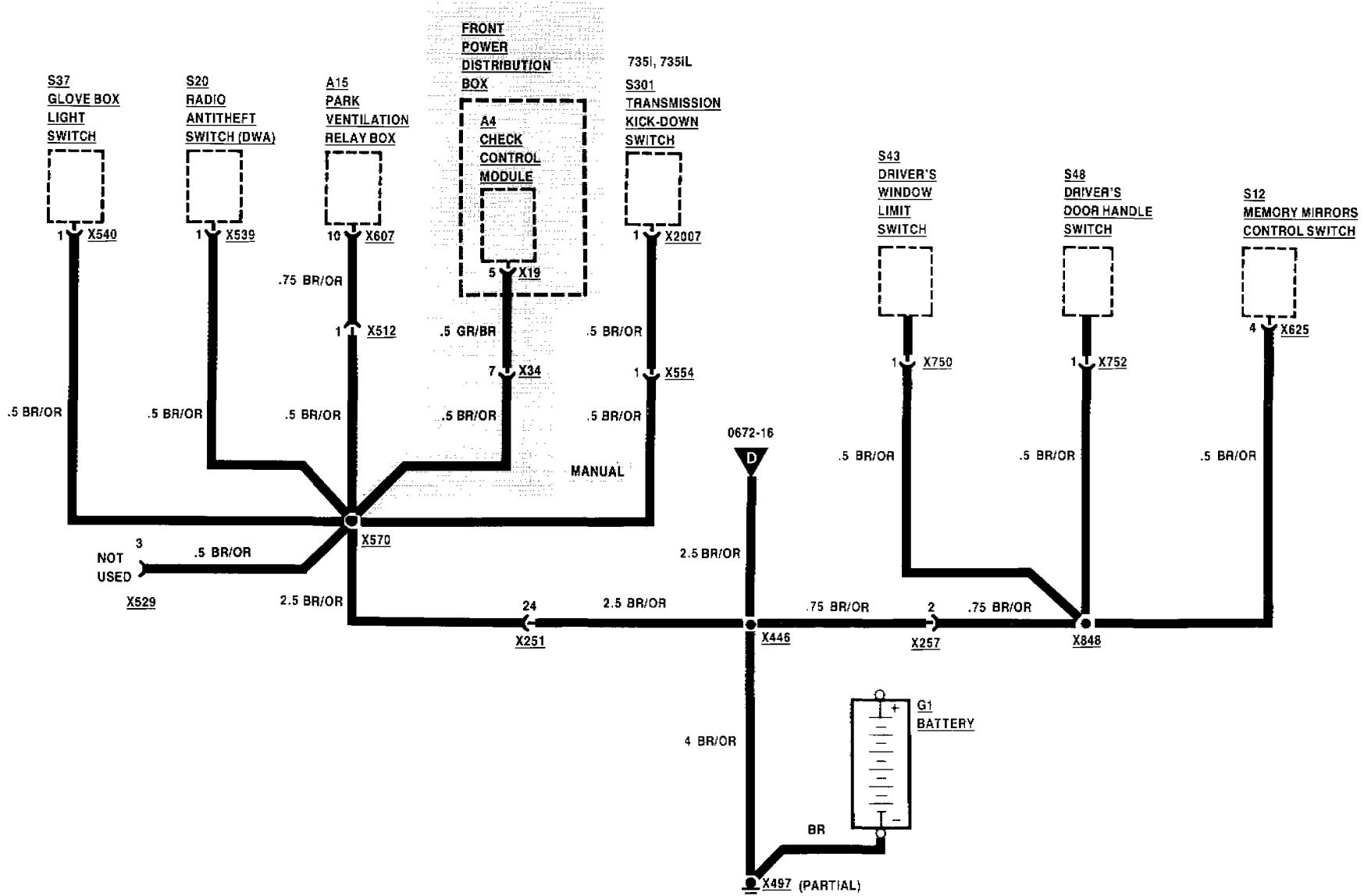
## GROUND X497





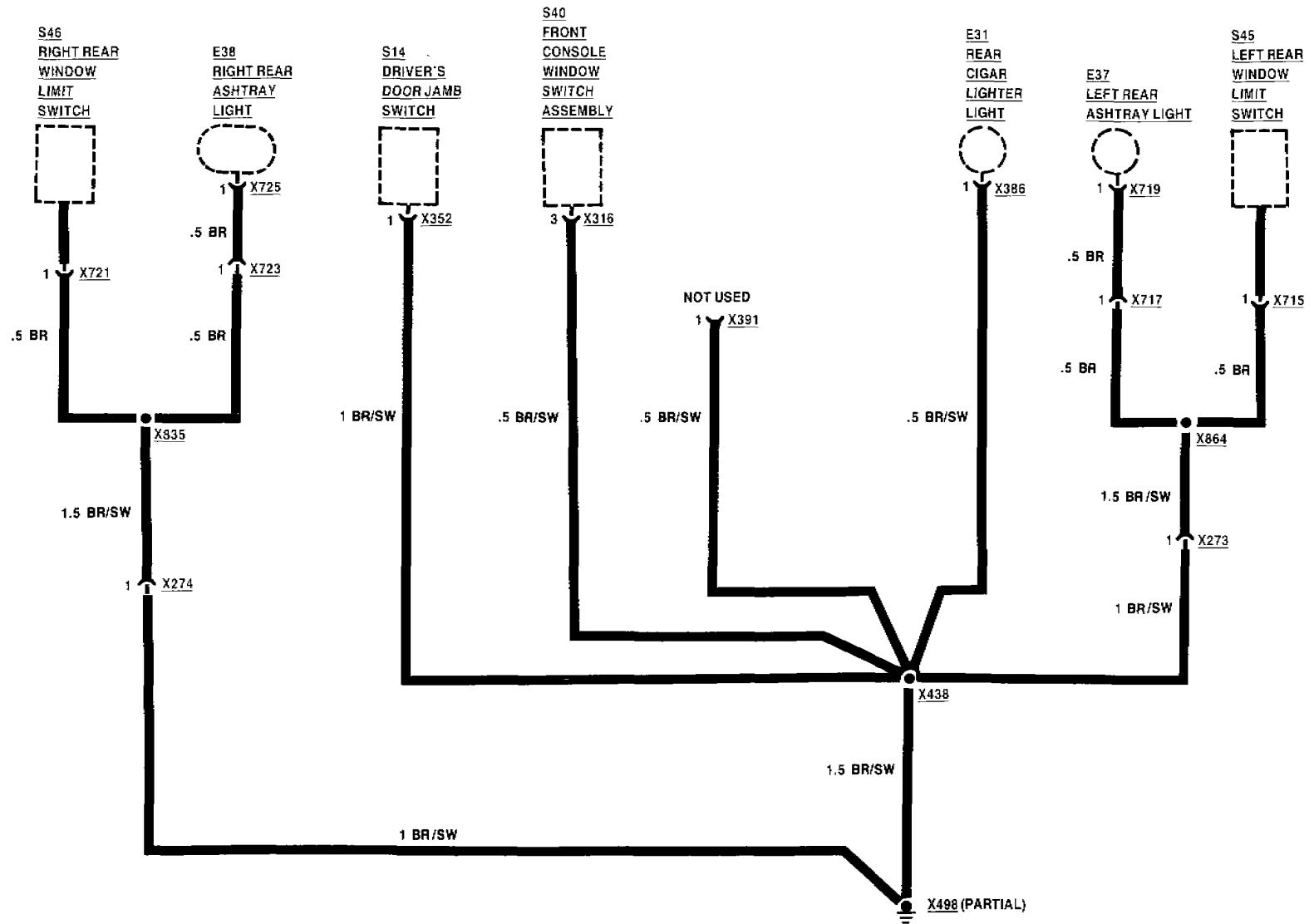


# GROUND DISTRIBUTION GROUND X497



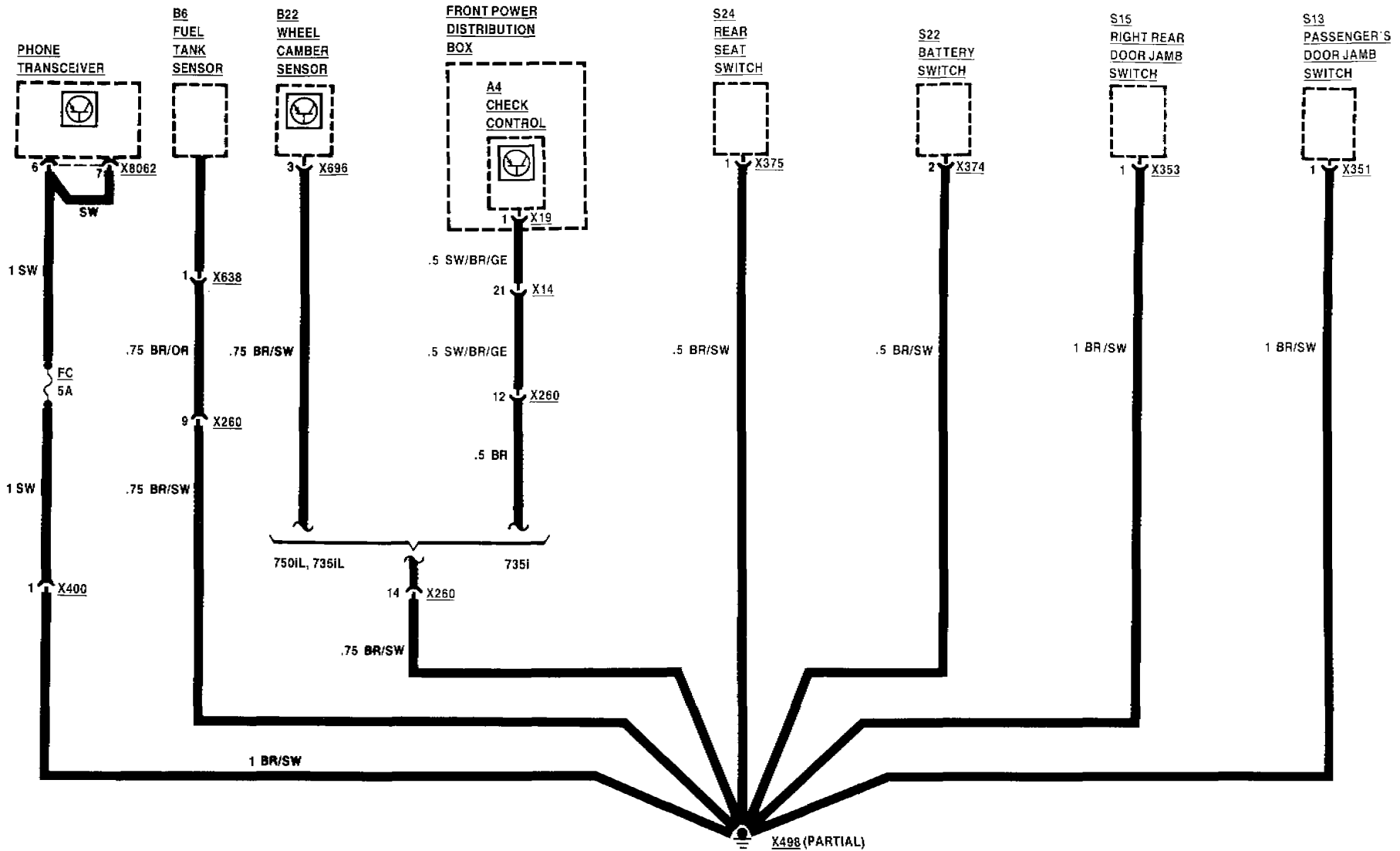


# GROUND DISTRIBUTION GROUND X498





# GROUND DISTRIBUTION GROUND X498

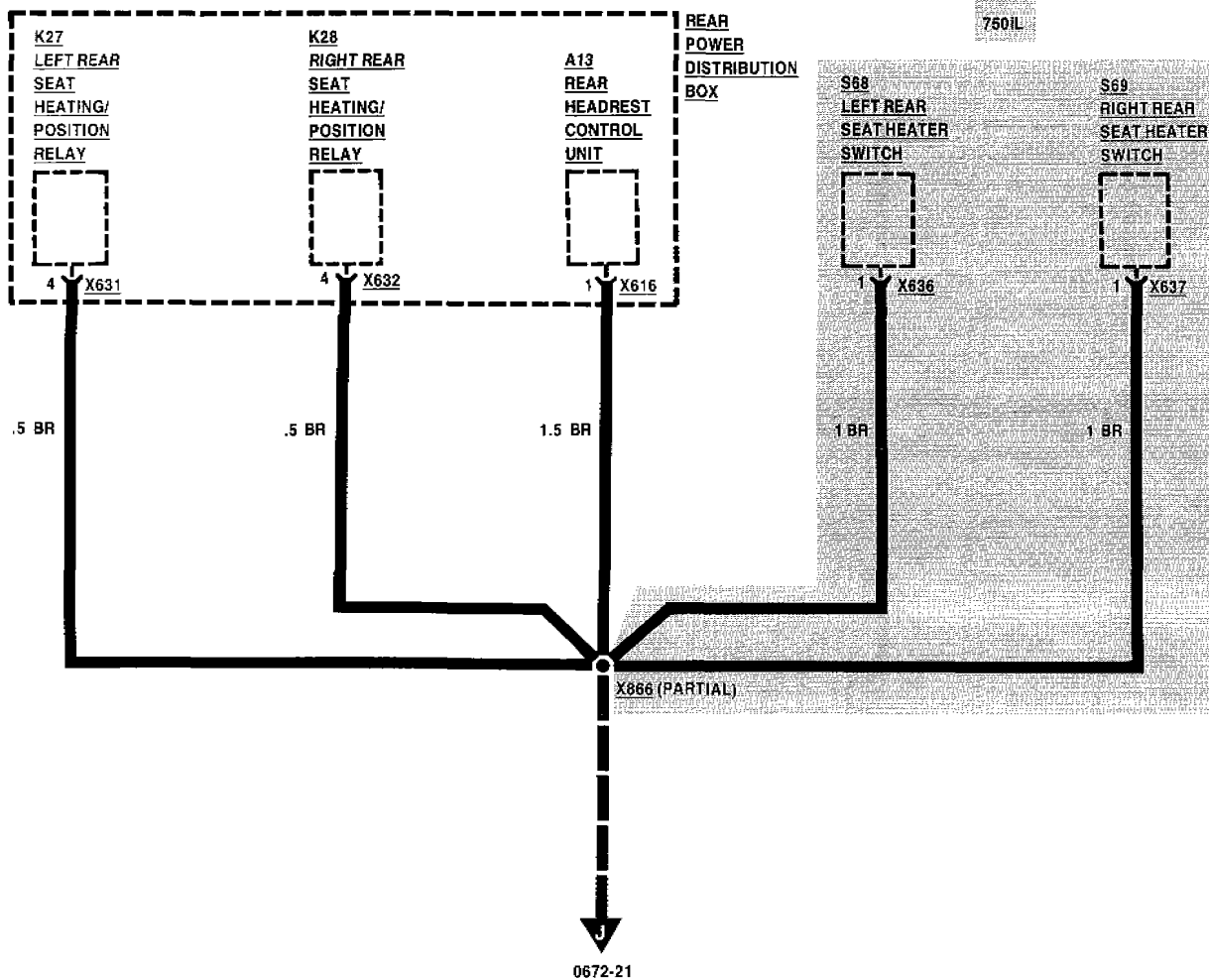




# GROUND DISTRIBUTION

735iL, 750iL

## GROUND X814





# GROUND DISTRIBUTION

## GROUND X814

735iL, 750iL

750iL

E66  
LEFT REAR  
SEAT  
HEATER



1 X790

1 BR

S107  
LEFT  
REAR  
SEAT BELT  
CONTACT



1 X1376

.5 BR

S87  
LEFT  
REAR  
SEAT/  
HEADREST  
SWITCH



6 X618

2.5 BR

2.5 BR

X872

5 X635

2.5 BR

750iL

E67  
RIGHT REAR  
SEAT  
HEATER



1 X791

1 BR

S108  
RIGHT  
REAR  
SEAT BELT  
CONTACT



1 X1377

.5 BR

S88  
RIGHT  
REAR  
SEAT/HEADREST  
SWITCH



6 X617

2.5 BR

2.5 BR

X873

5 X634

2.5 BR

0672-20

4 BR

X866 (PARTIAL)

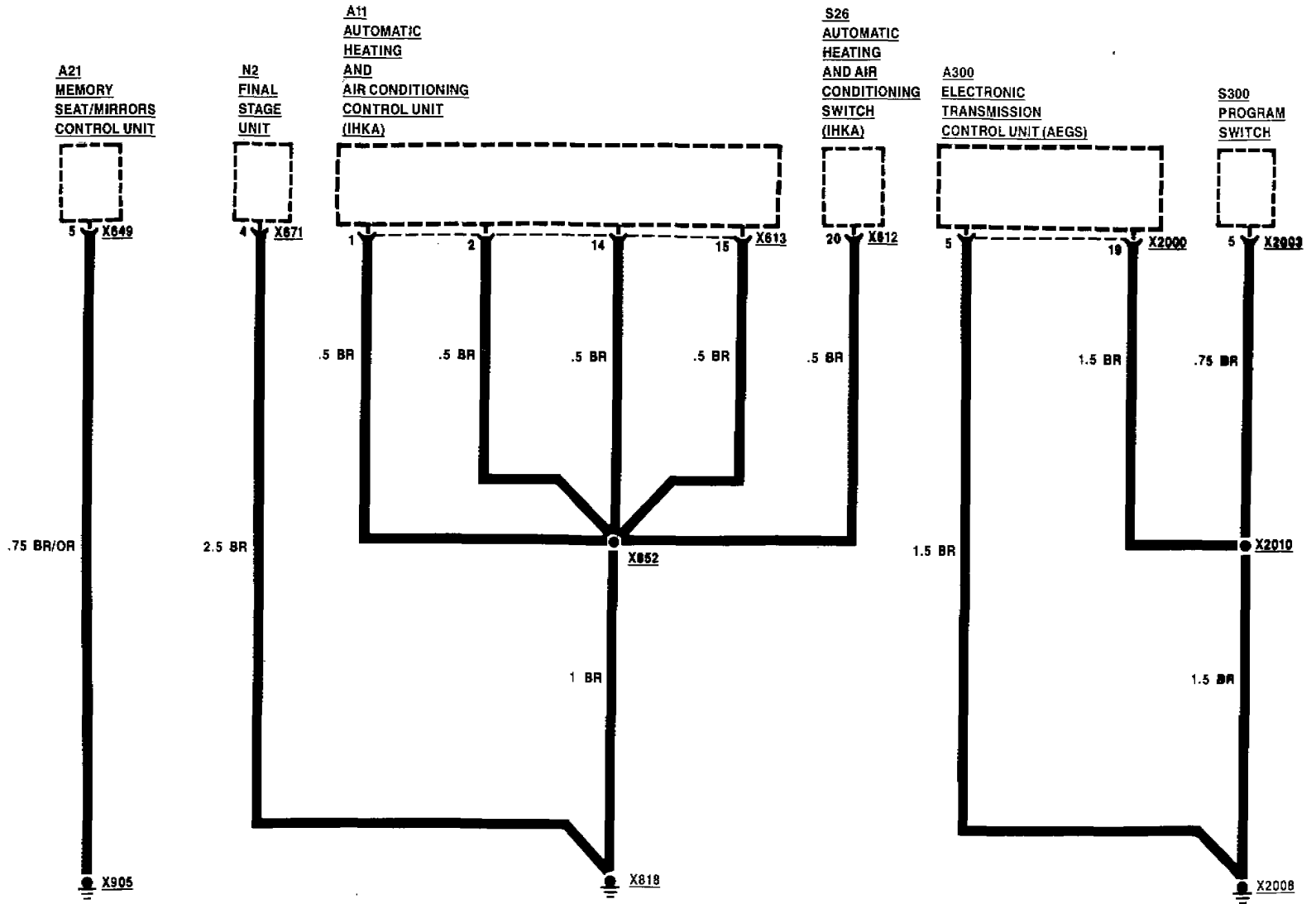
X814



# GROUND DISTRIBUTION

## GROUNDS X818, X905, X2008

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

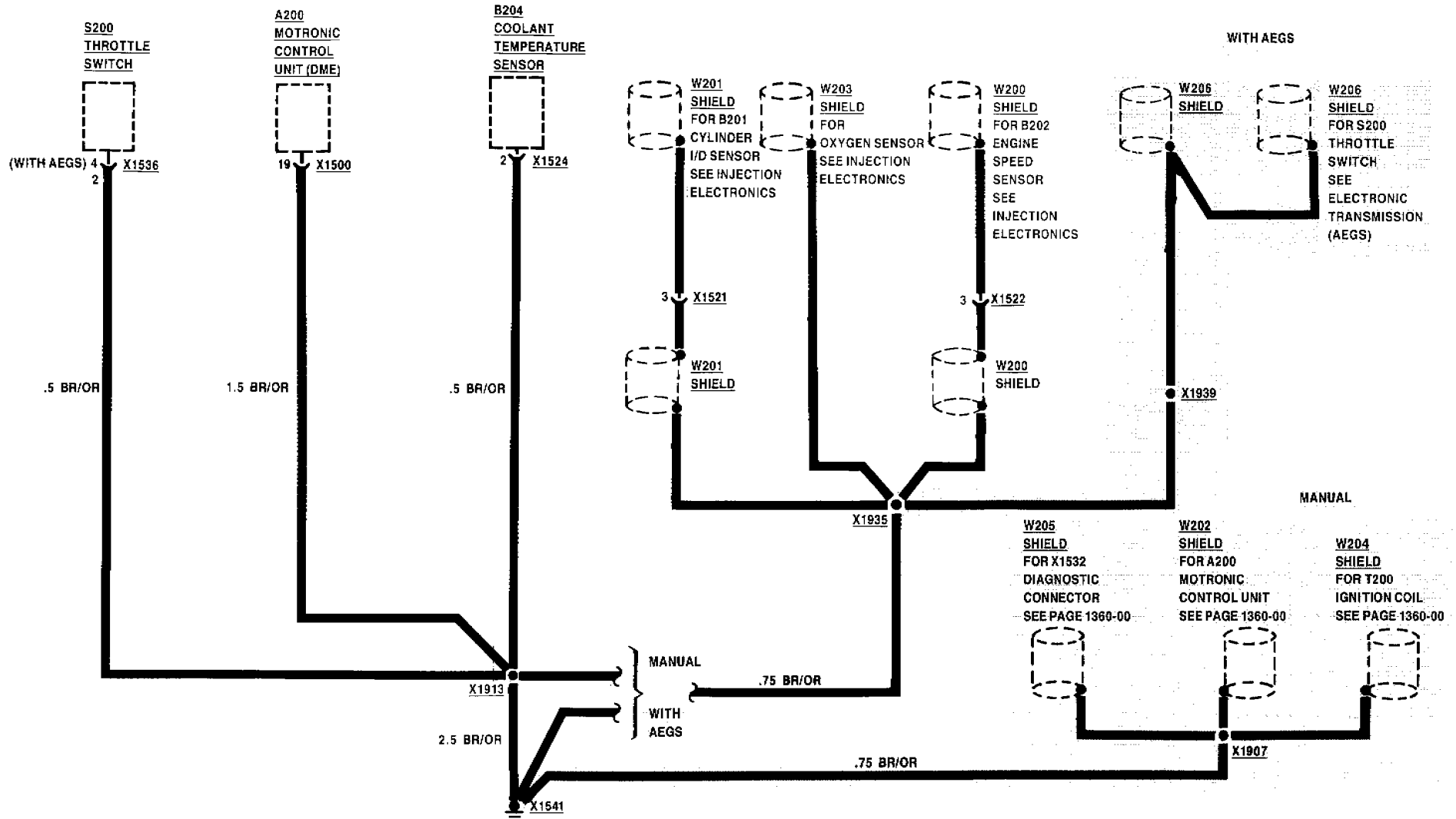




# GROUND DISTRIBUTION

## GROUND X1541

735i, 735iL

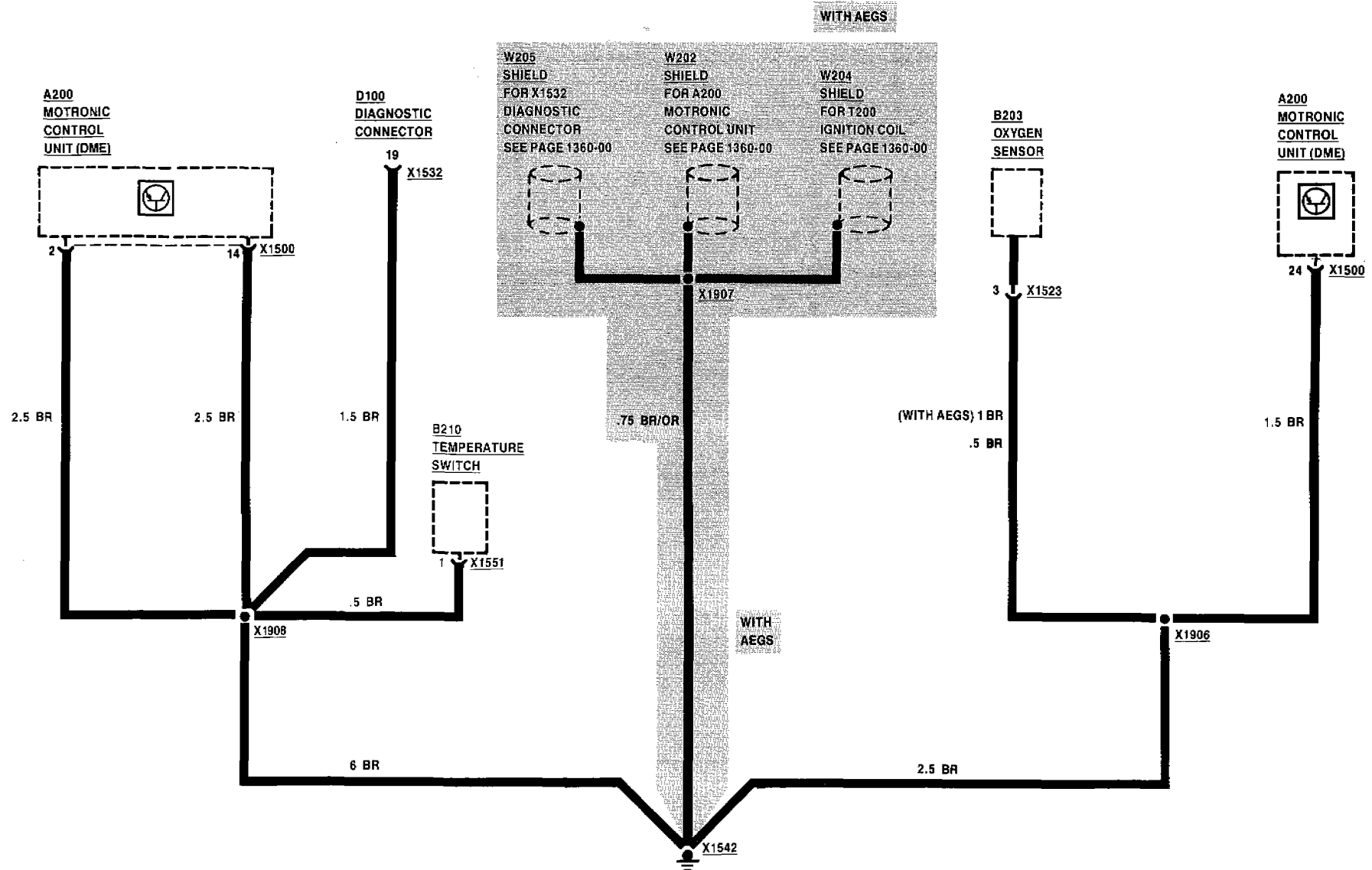




# GROUND DISTRIBUTION

## GROUND X1542

735i, 735iL



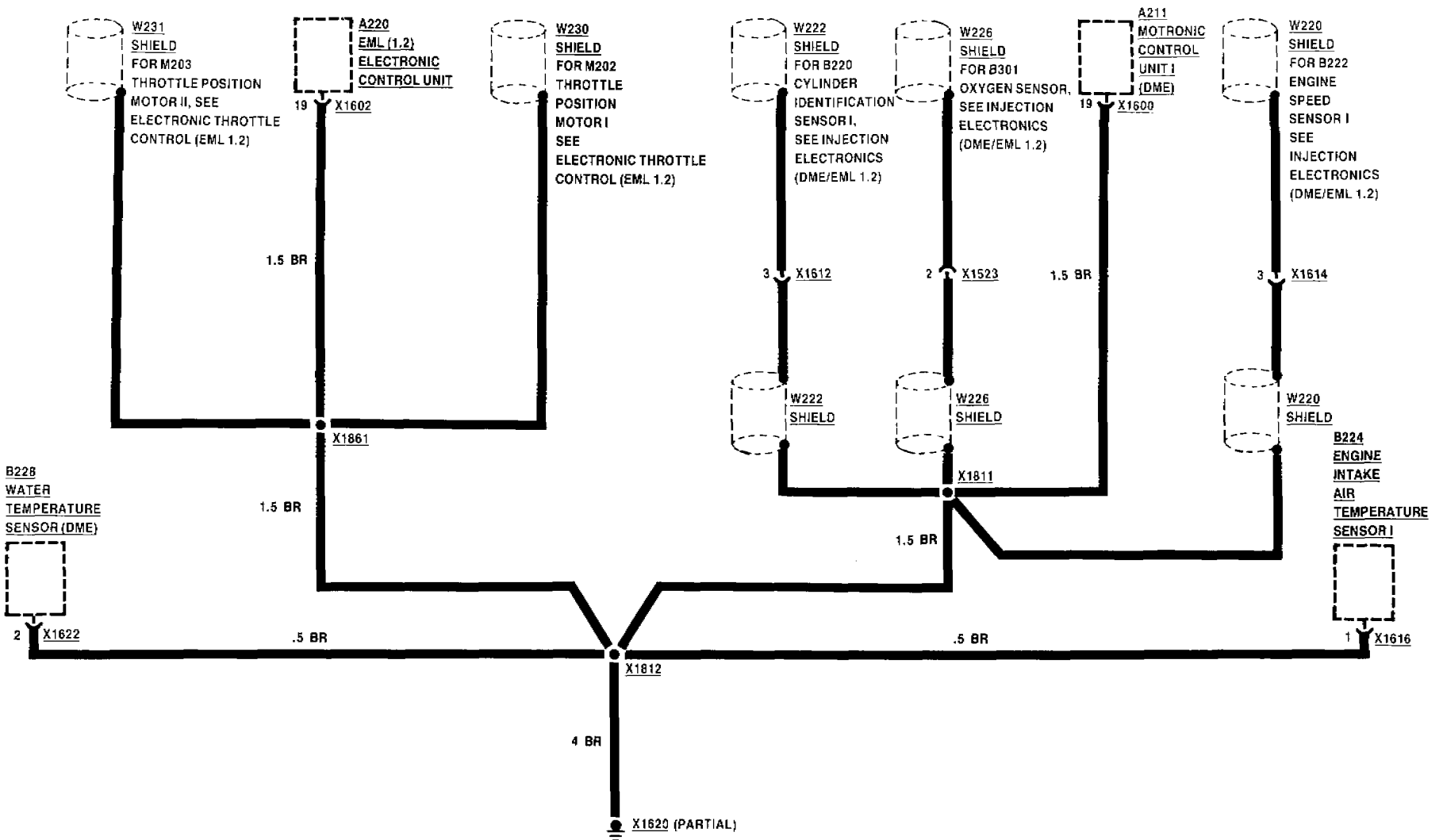




# GROUND DISTRIBUTION

## 750iL

### GROUND X1620

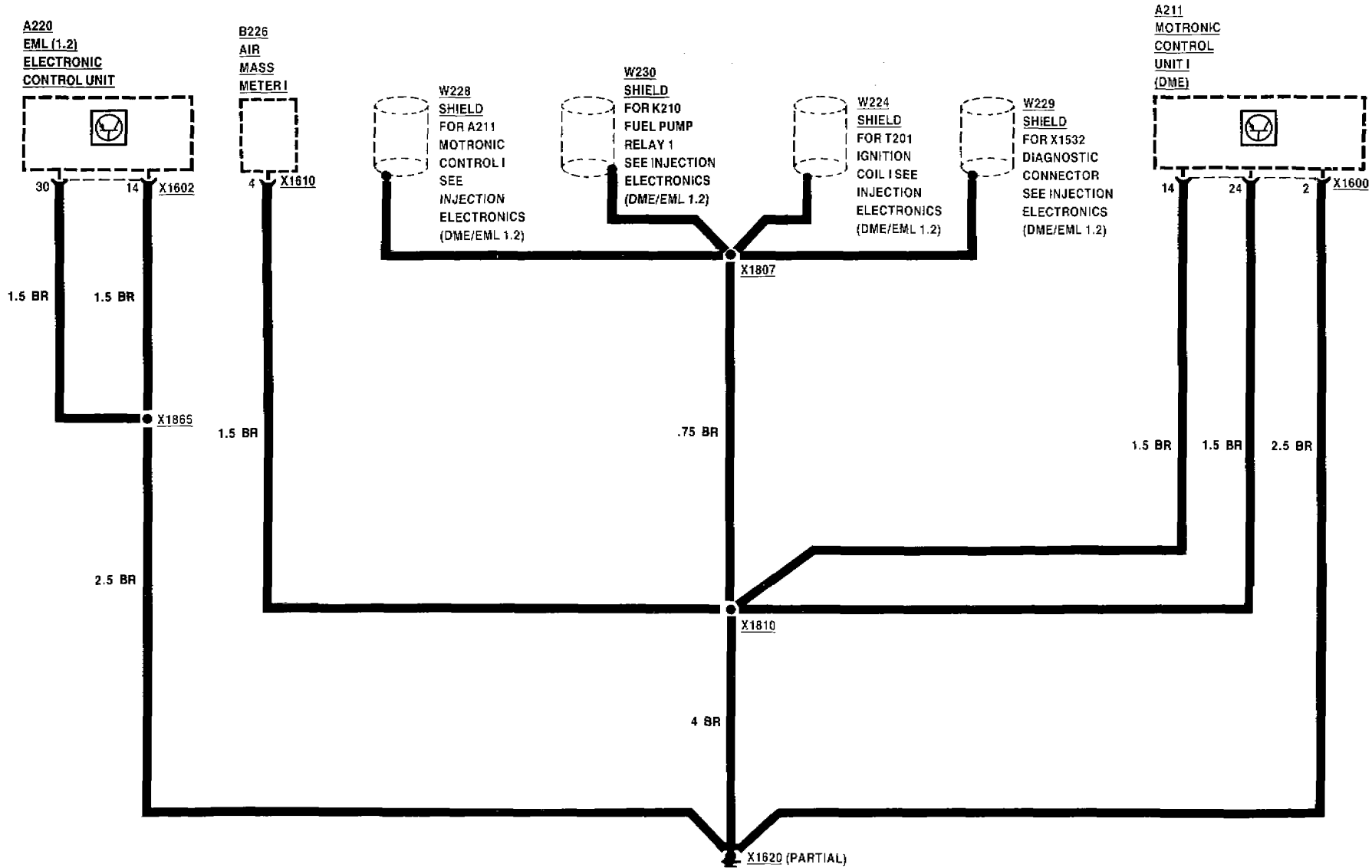




# GROUND DISTRIBUTION

## GROUND X1620

750iL



09/89

0672-26

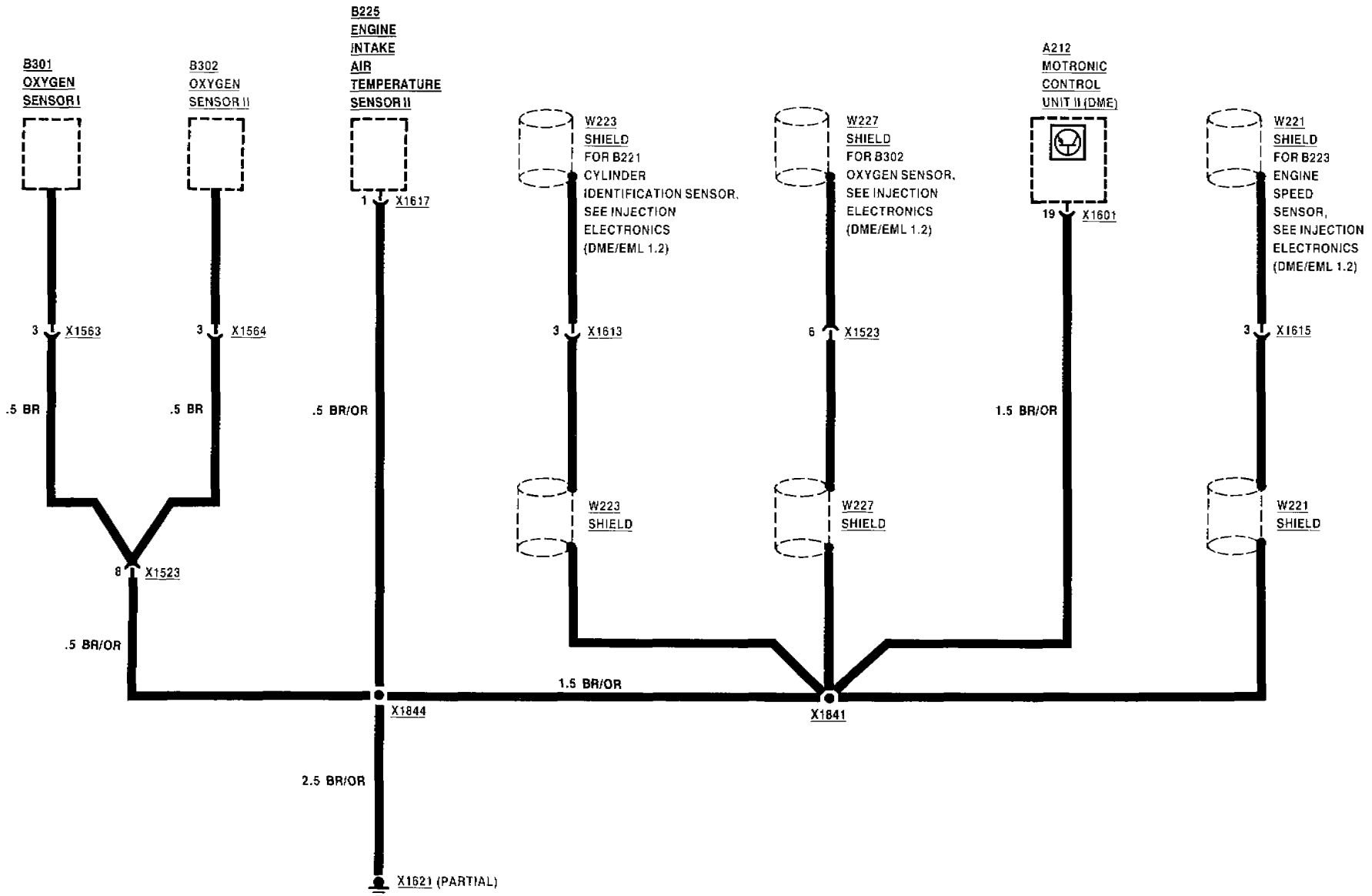
1990



# GROUND DISTRIBUTION

## GROUND X1621

750iL

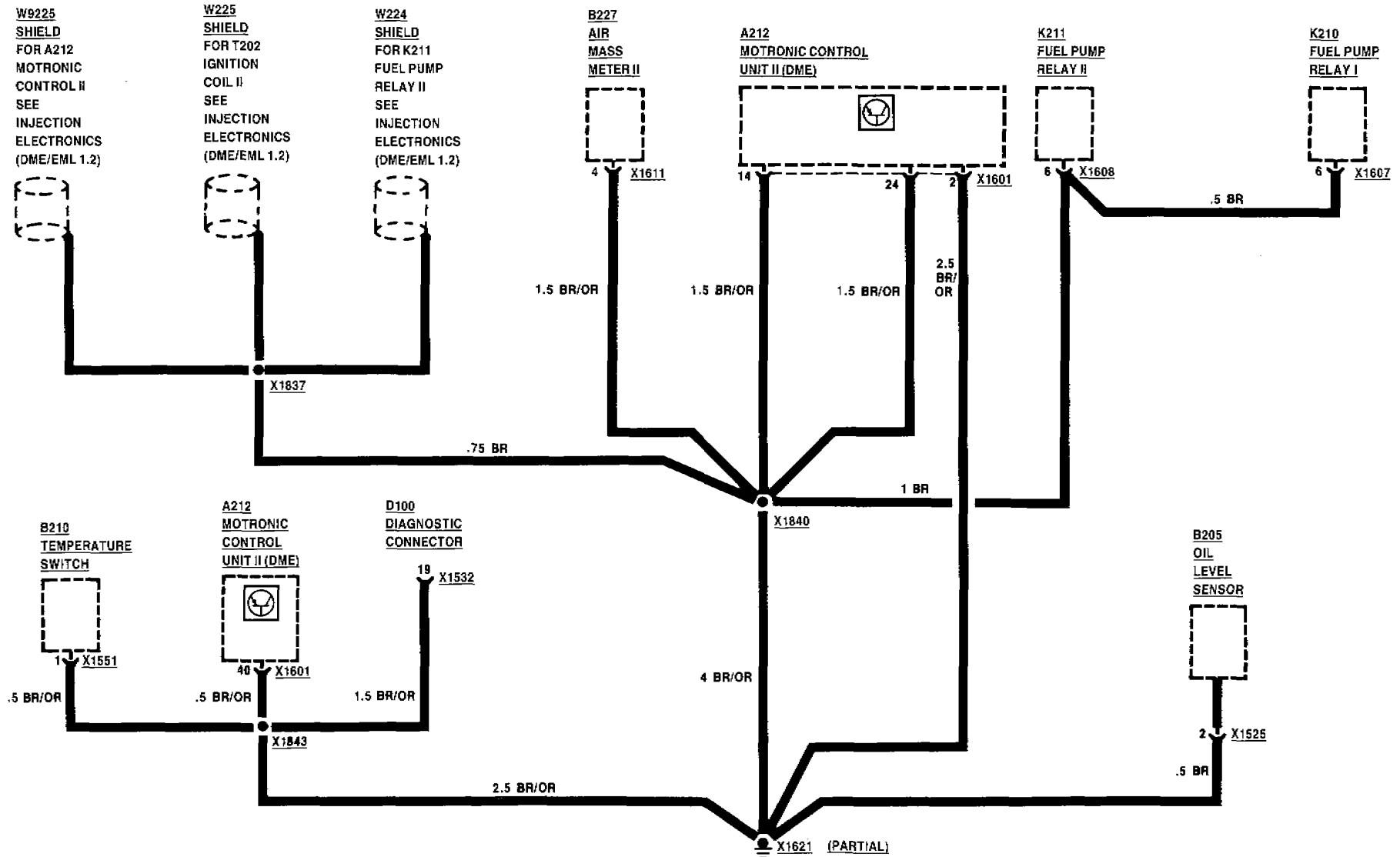




# GROUND DISTRIBUTION

## GROUND X1621

750iL



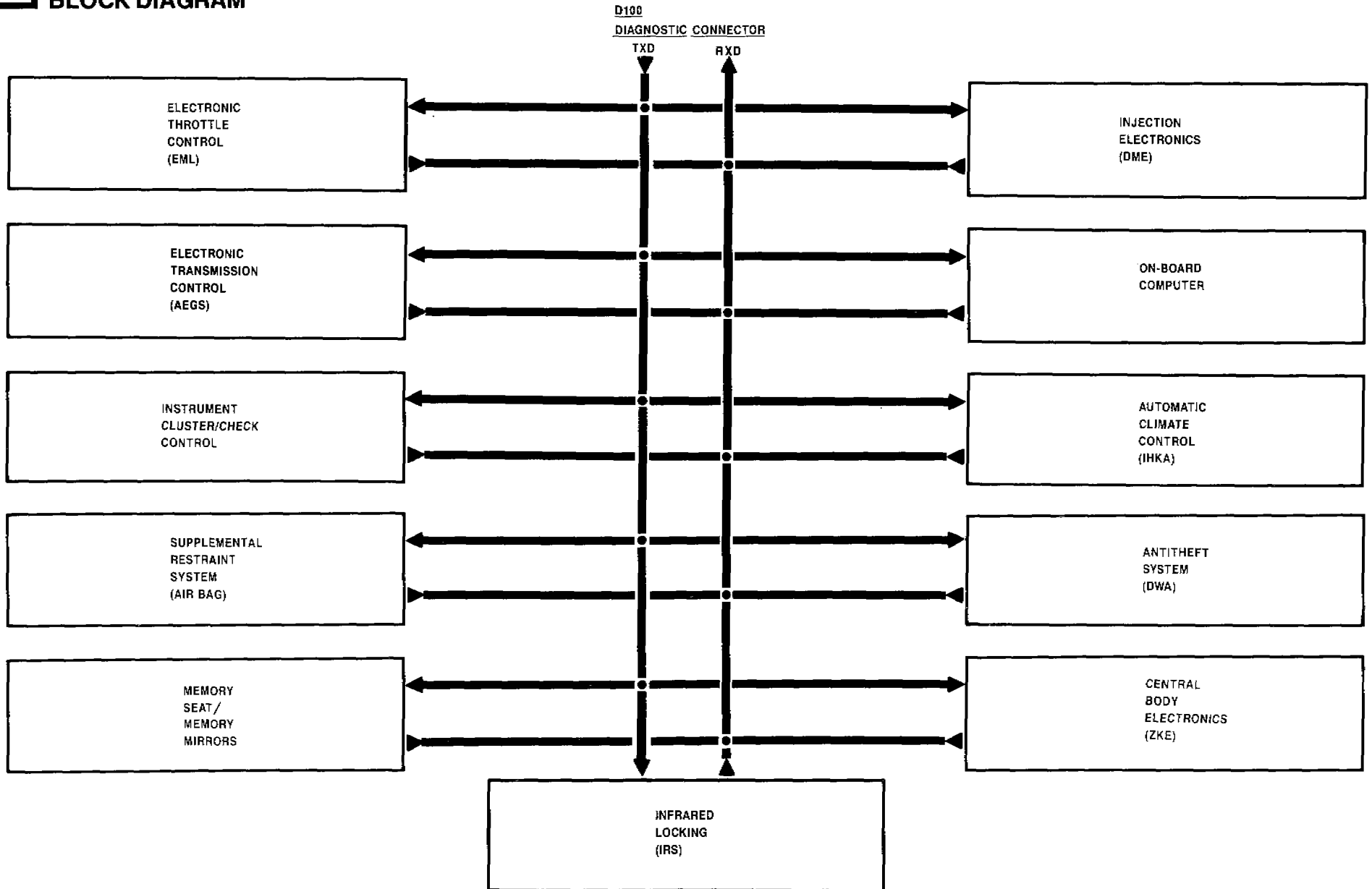
09/89

0672-28

1990



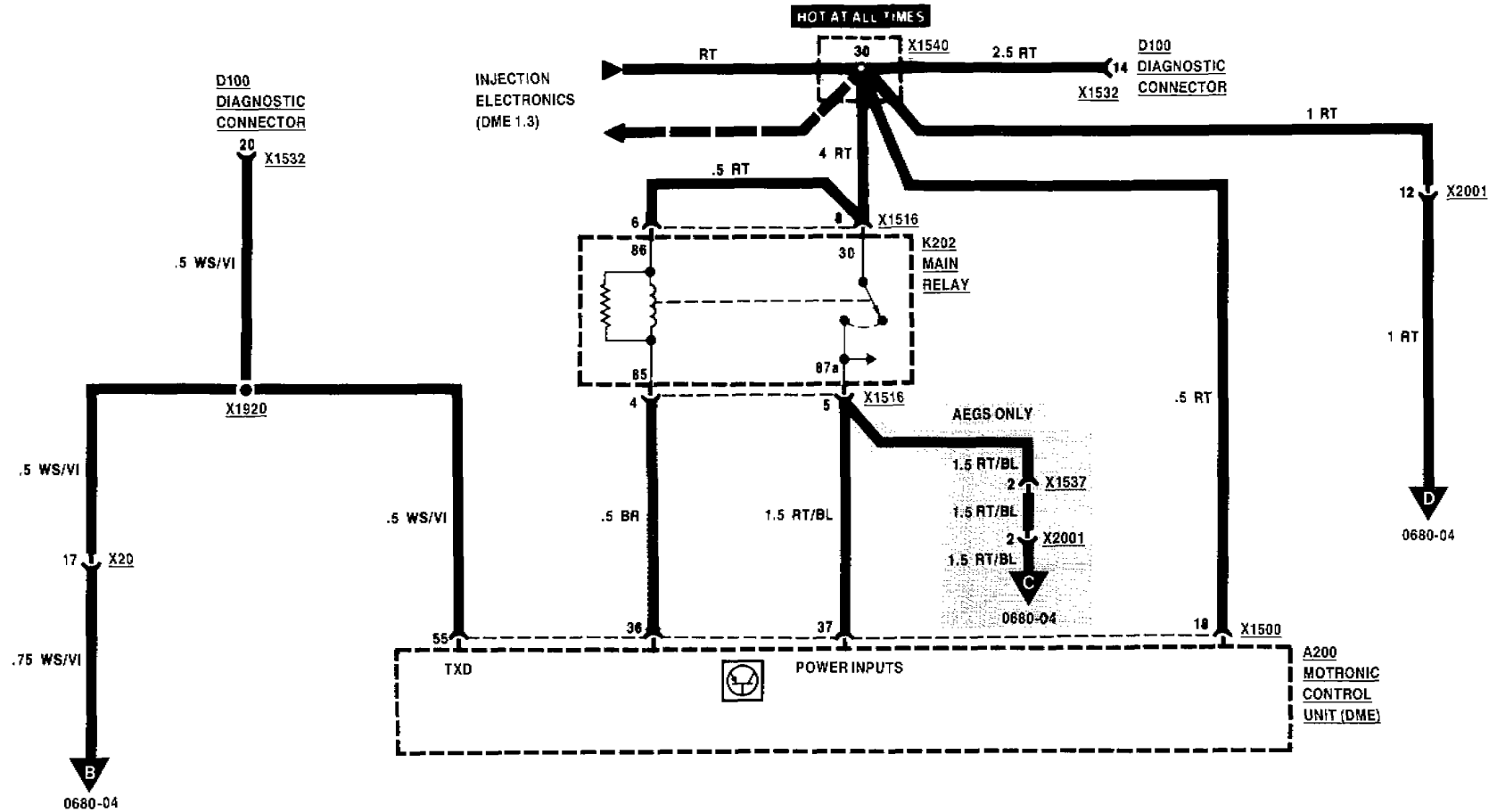
# DIAGNOSTIC LINK BLOCK DIAGRAM





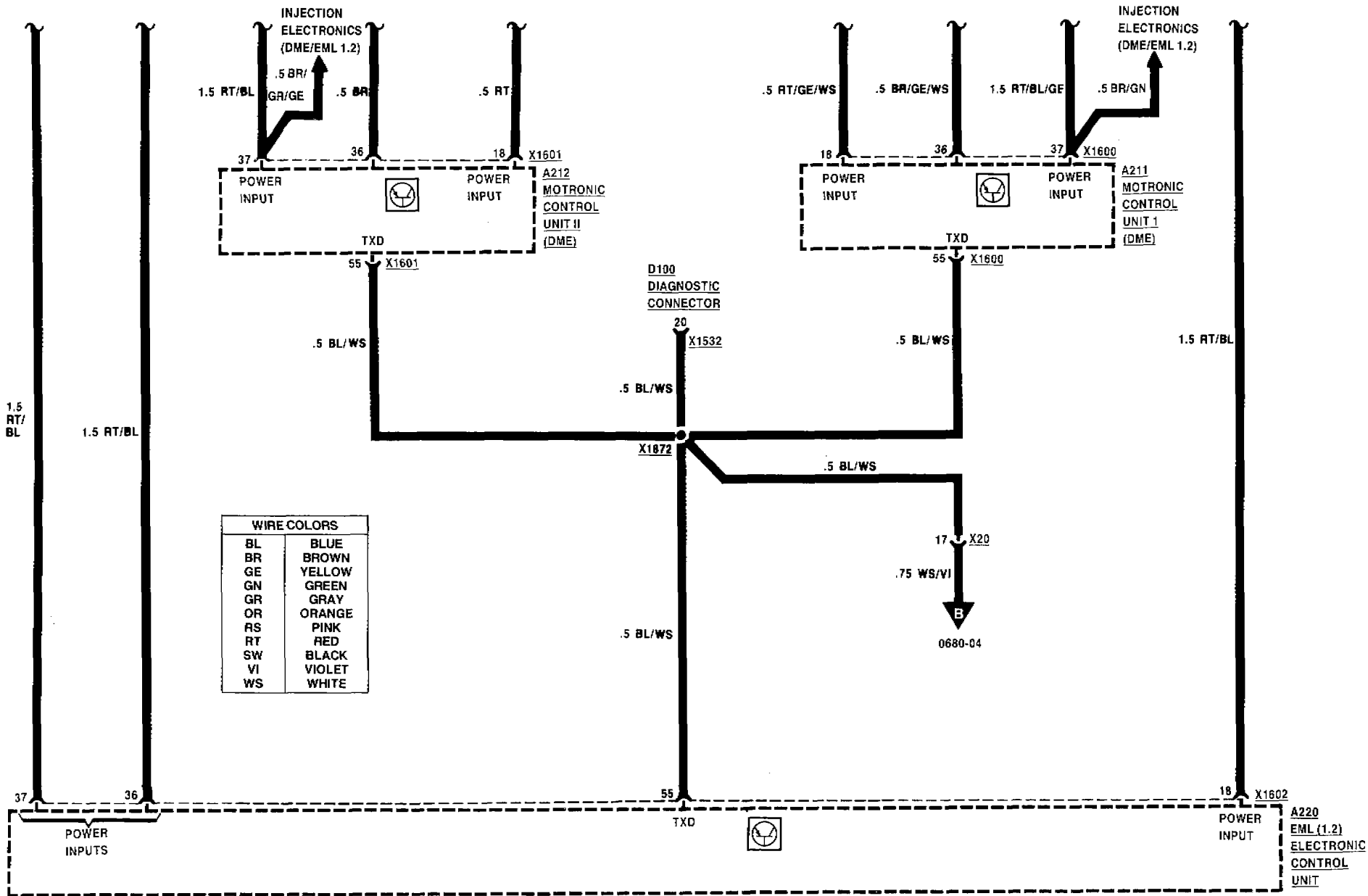
# DIAGNOSTIC LINK TXD AND POWER

735i, 735iL



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

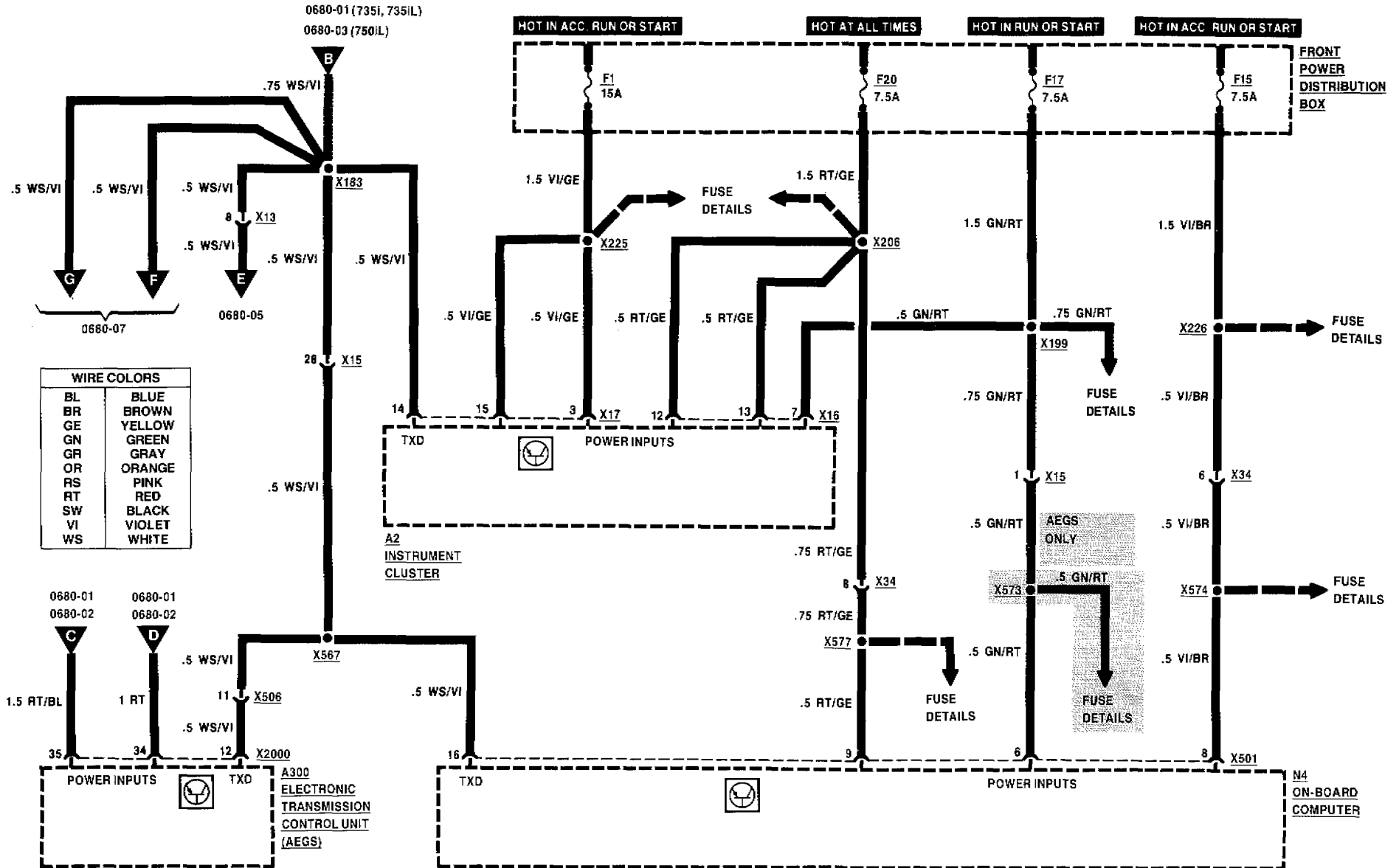






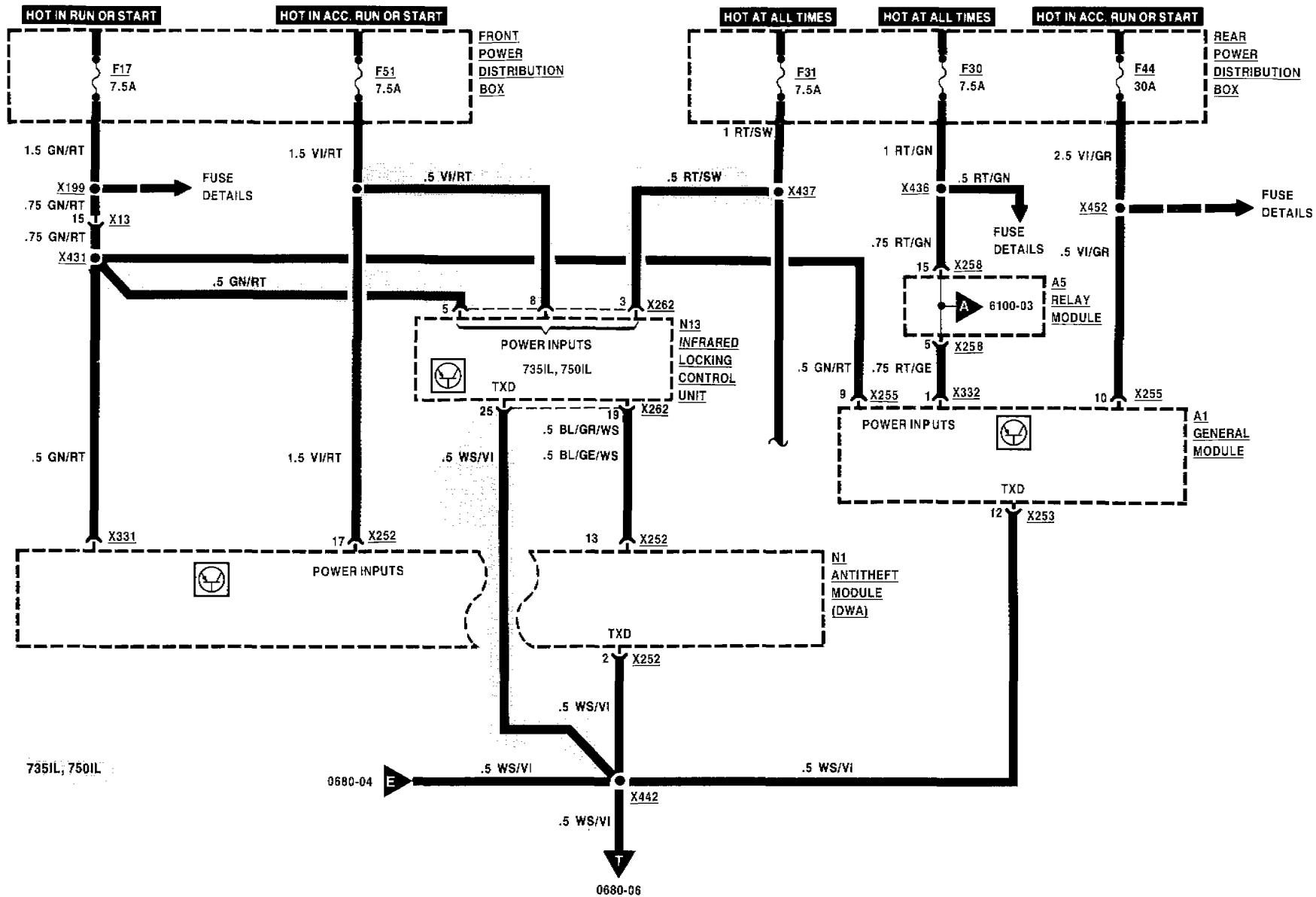


# DIAGNOSTIC LINK TXD AND POWER





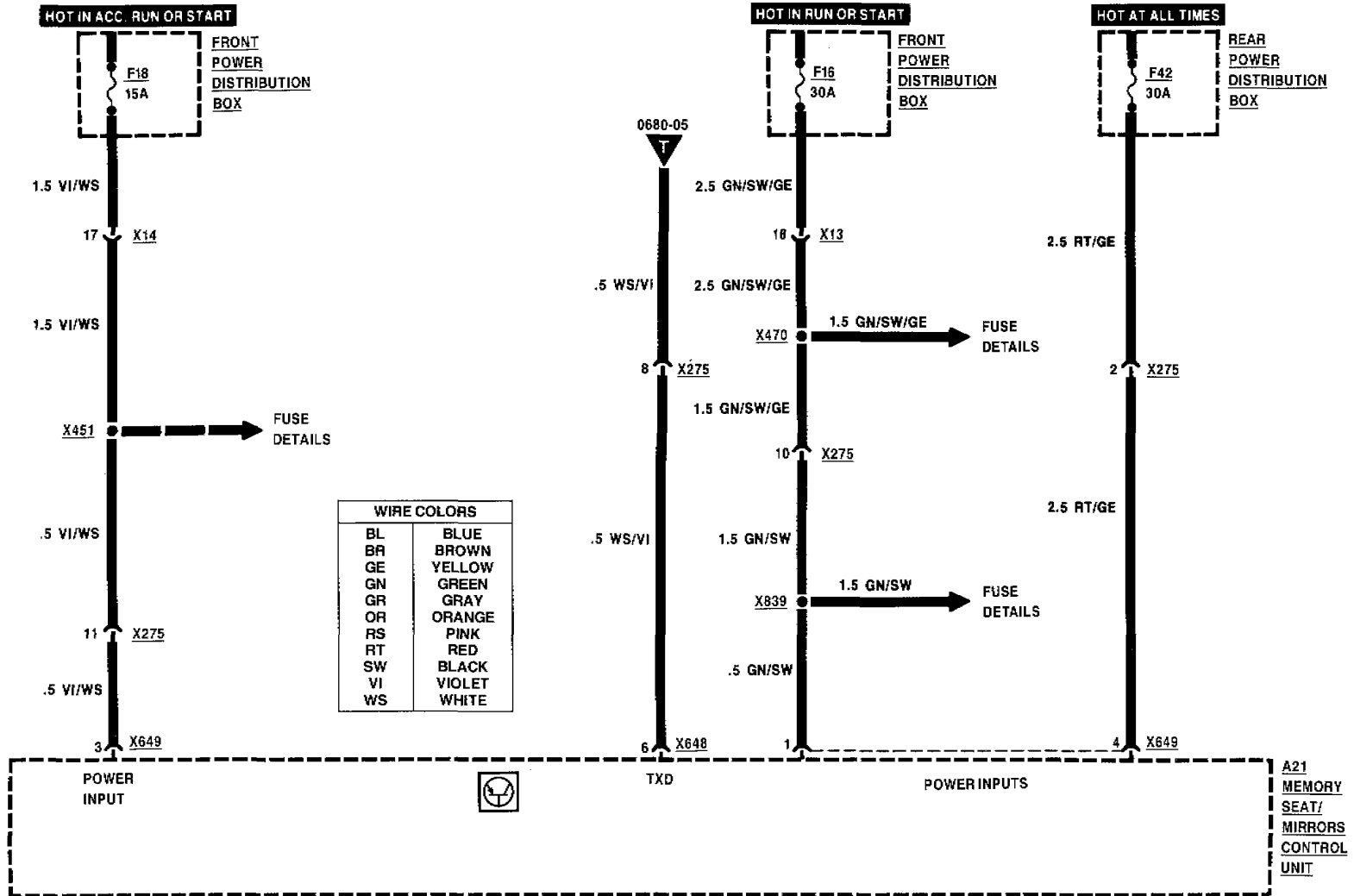
# DIAGNOSTIC LINK TXD AND POWER





# DIAGNOSTIC LINK

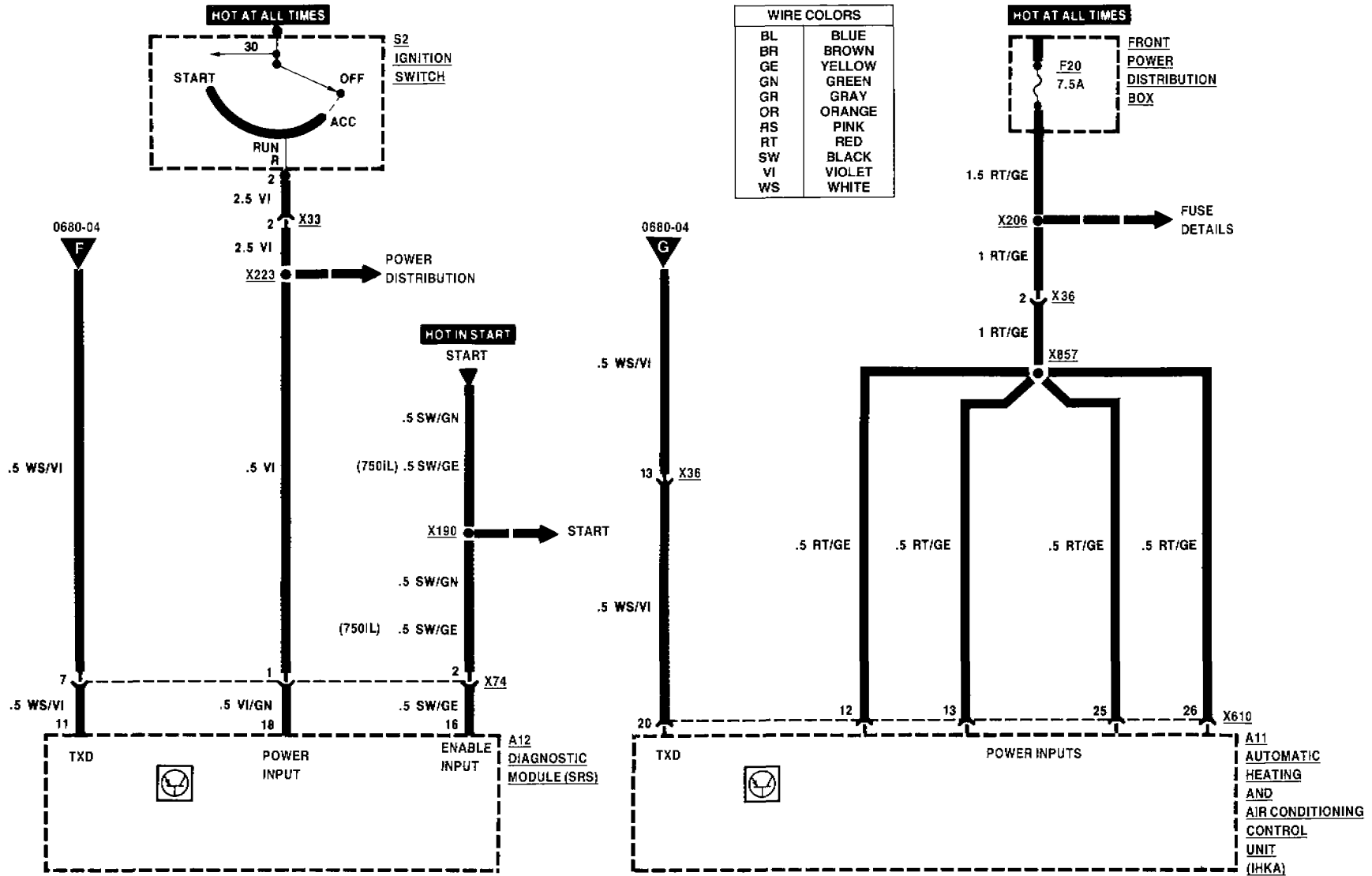
## TXD AND POWER





# DIAGNOSTIC LINK

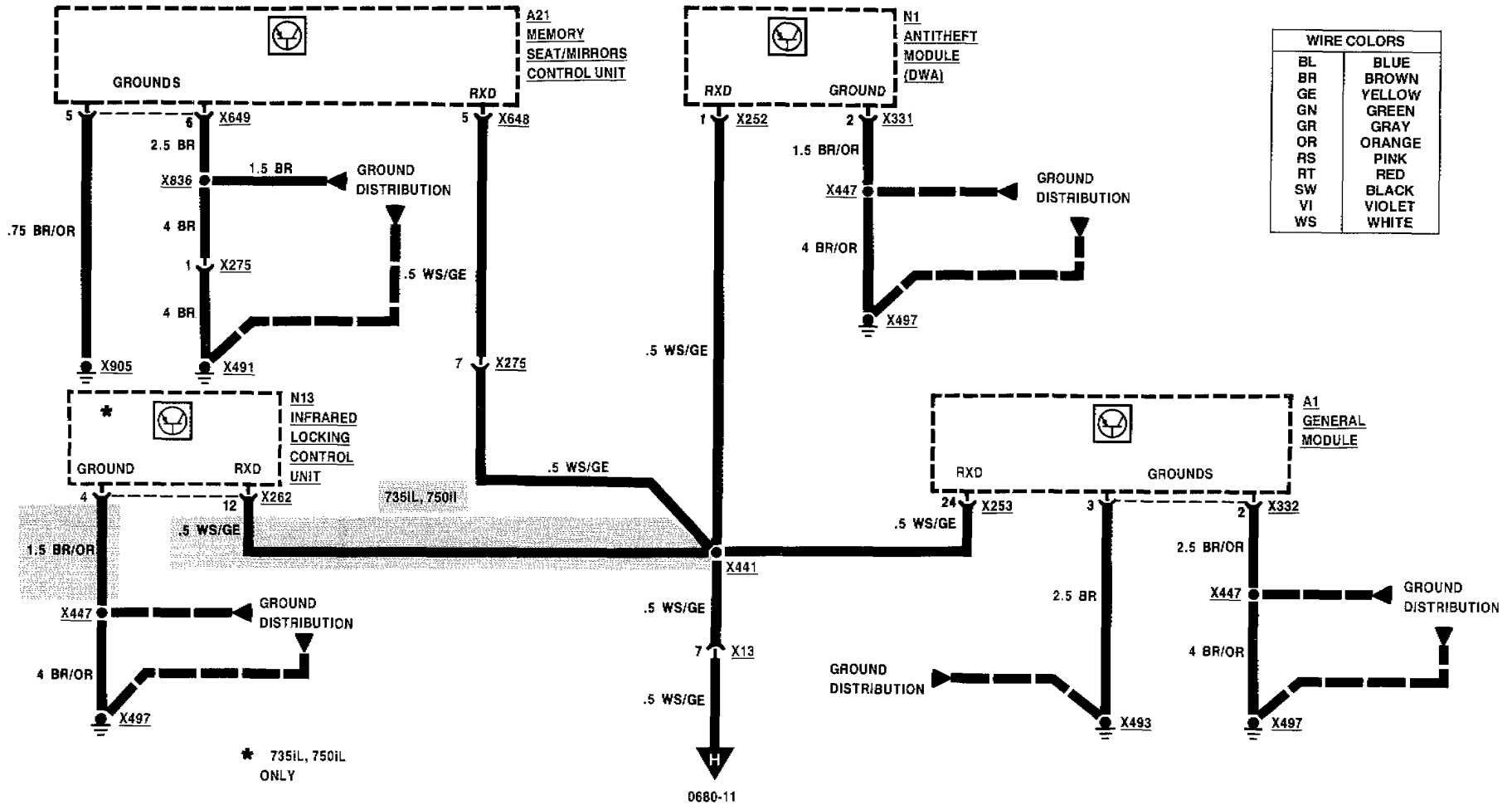
## TXD AND POWER





# DIAGNOSTIC LINK

## RXD AND GROUNDS

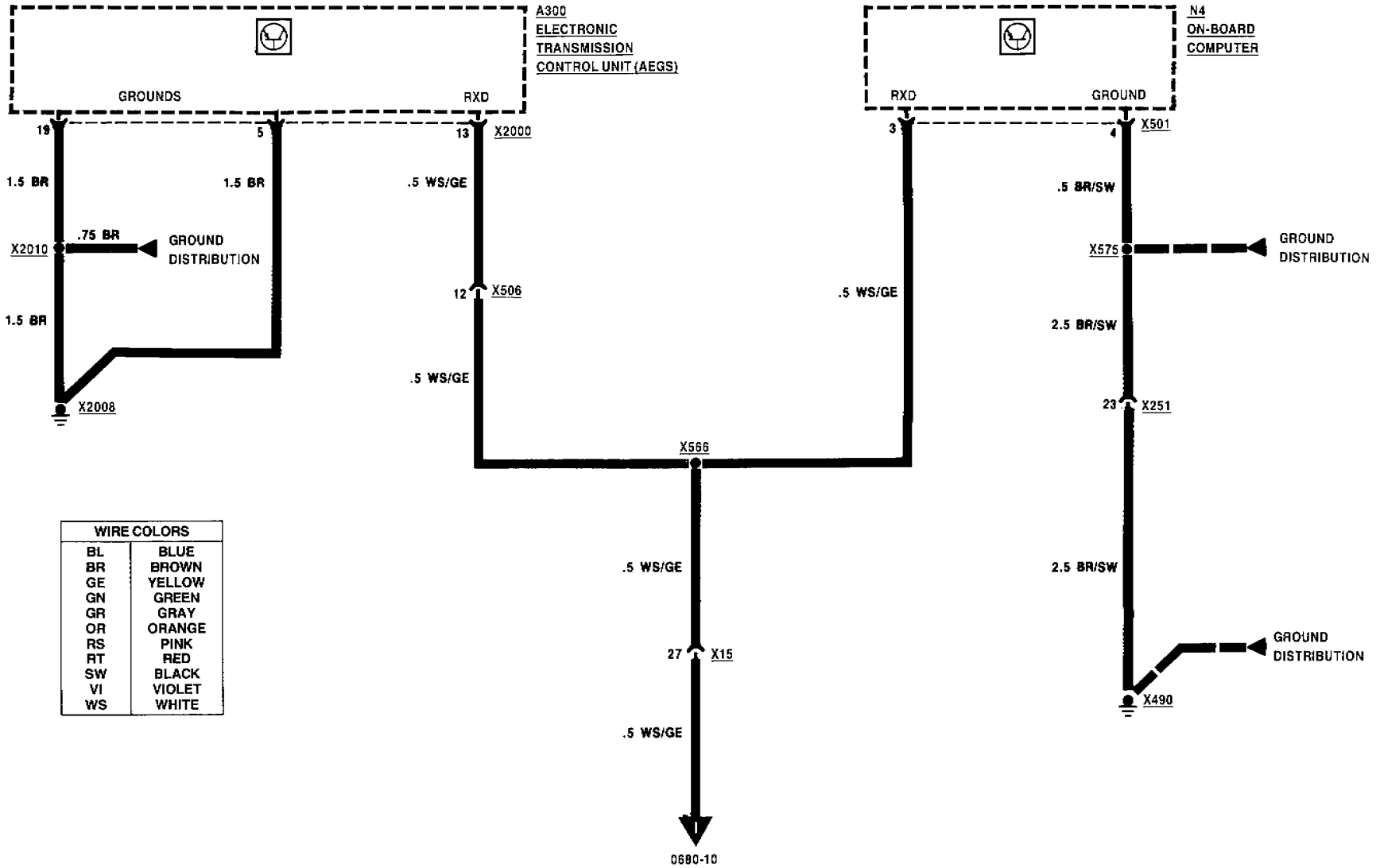


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

\* 735iL, 750iL ONLY



# DIAGNOSTIC LINK RXD AND GROUNDS

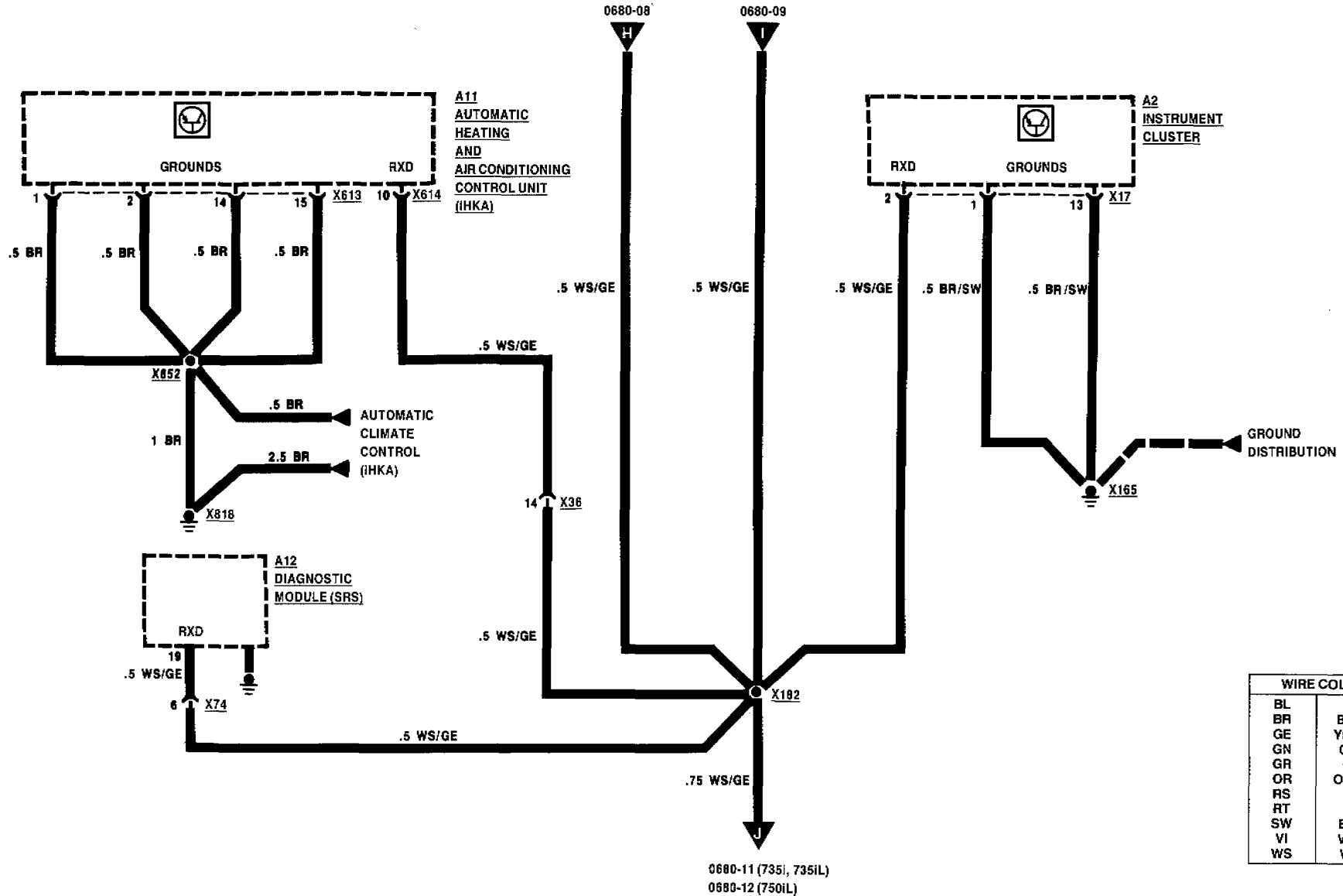


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# DIAGNOSTIC LINK

## RXD AND GROUNDS

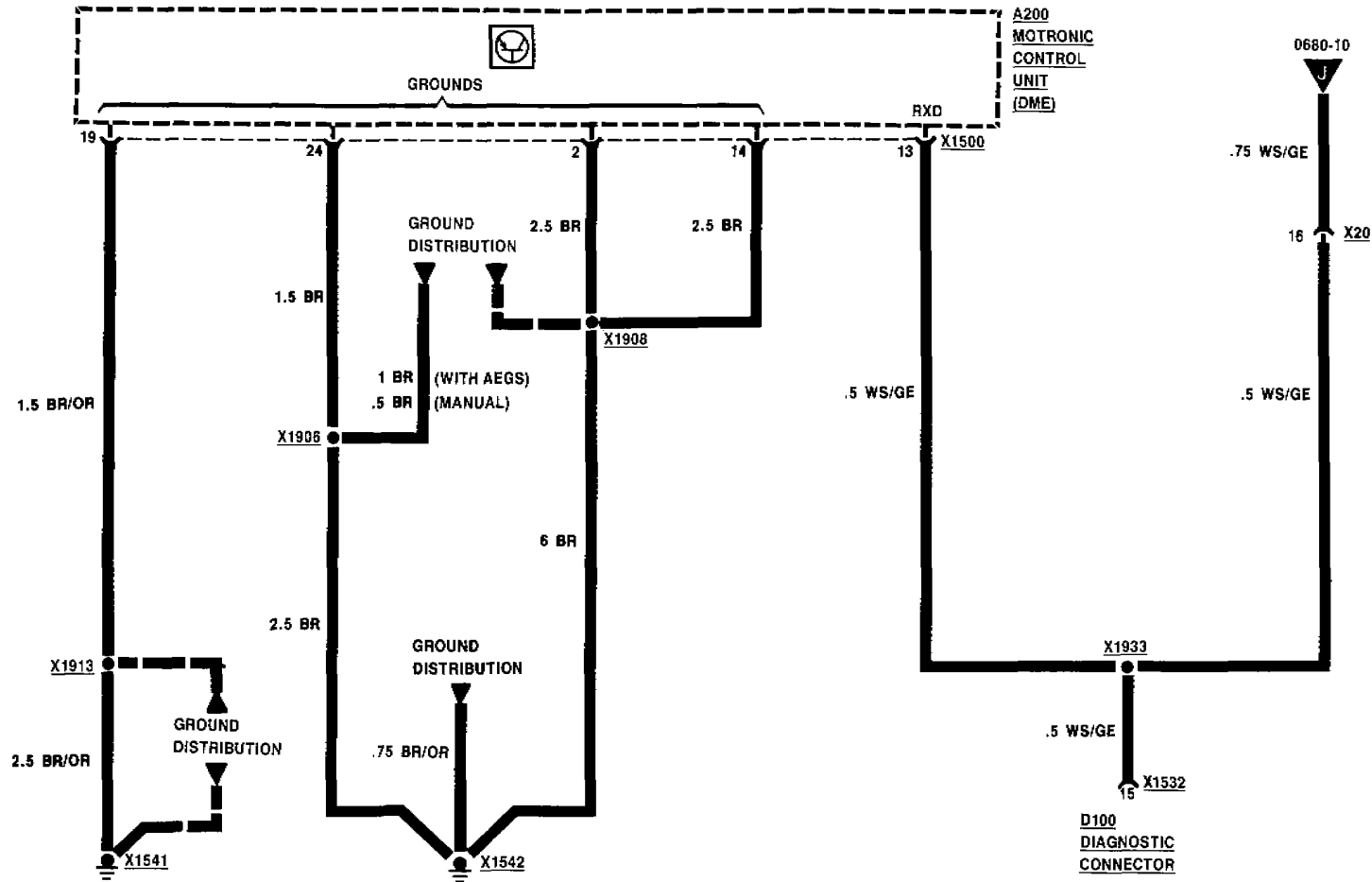


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# DIAGNOSTIC LINK RXD AND GROUNDS

735i, 735iL



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

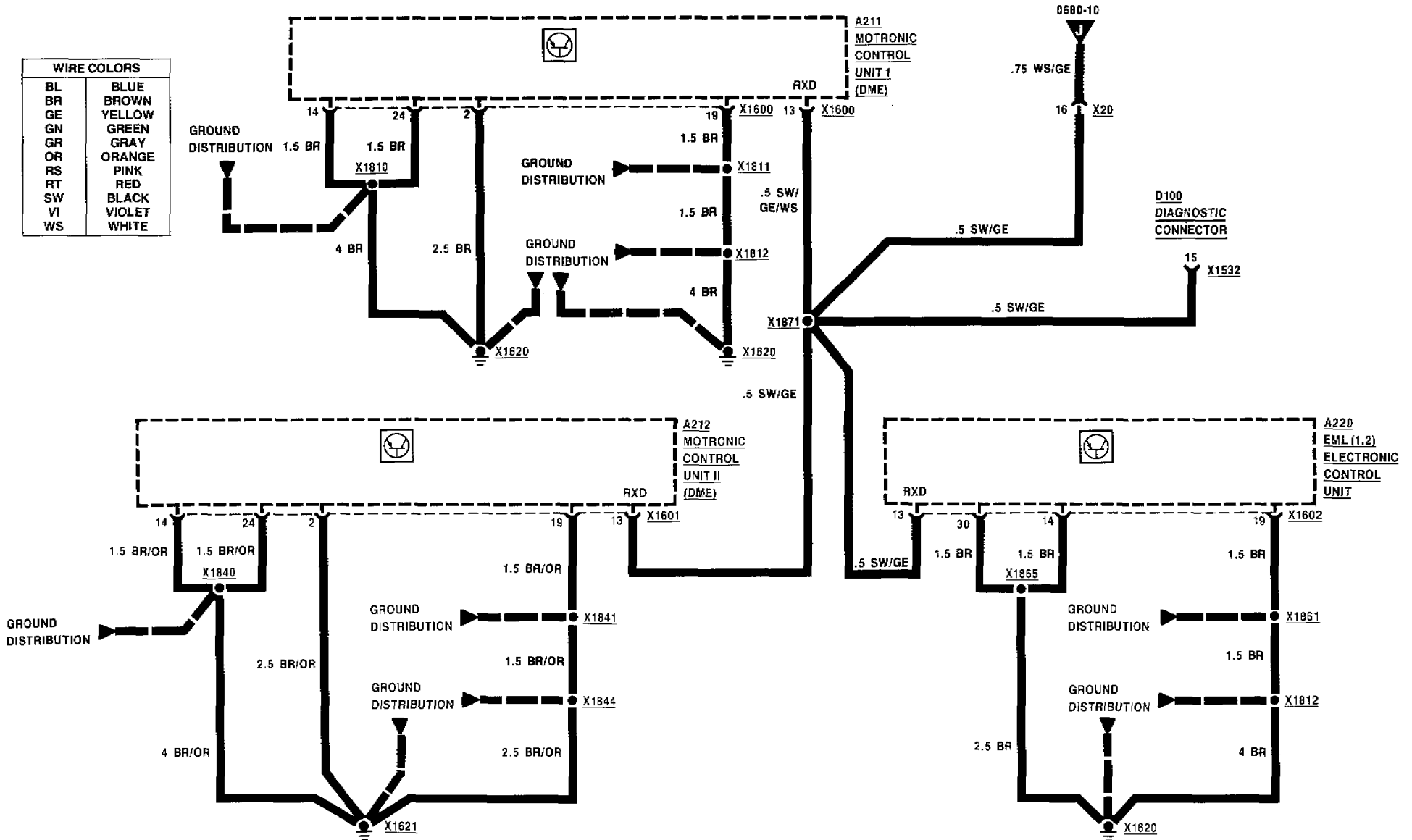




# DIAGNOSTIC LINK RXD AND GROUNDS

750iL

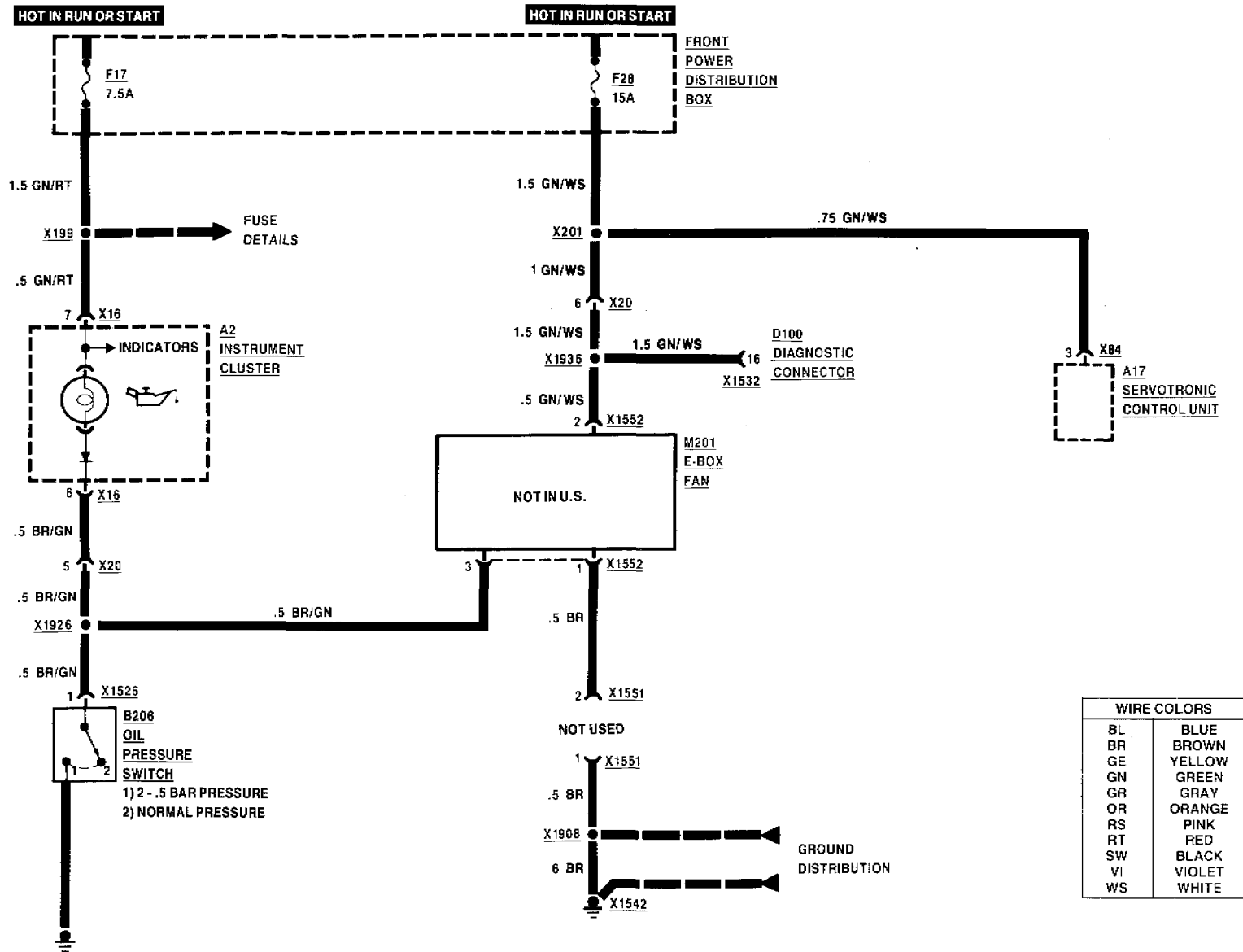
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# E-BOX FAN

## 735i, 735iL



68/89

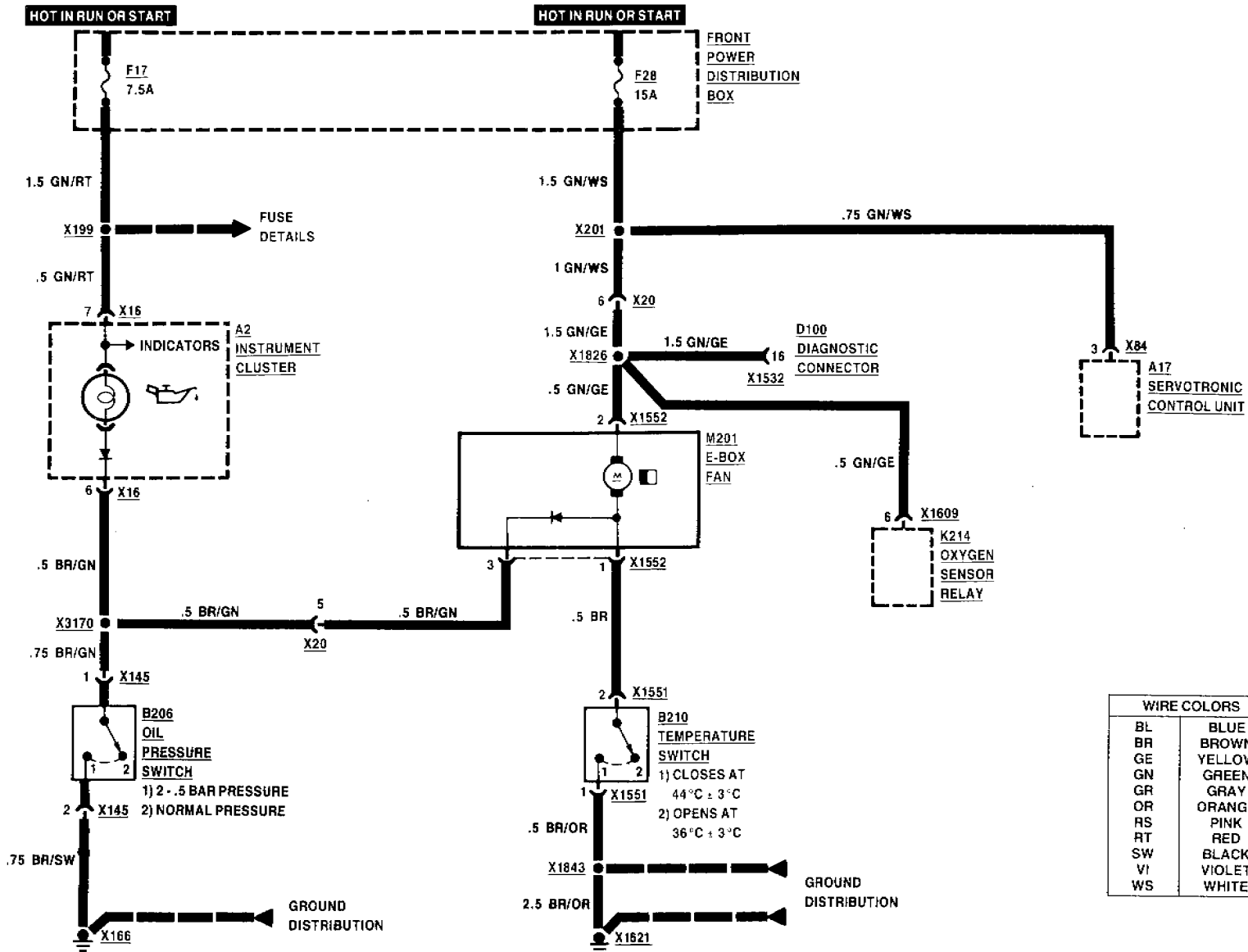
0690-00

1990



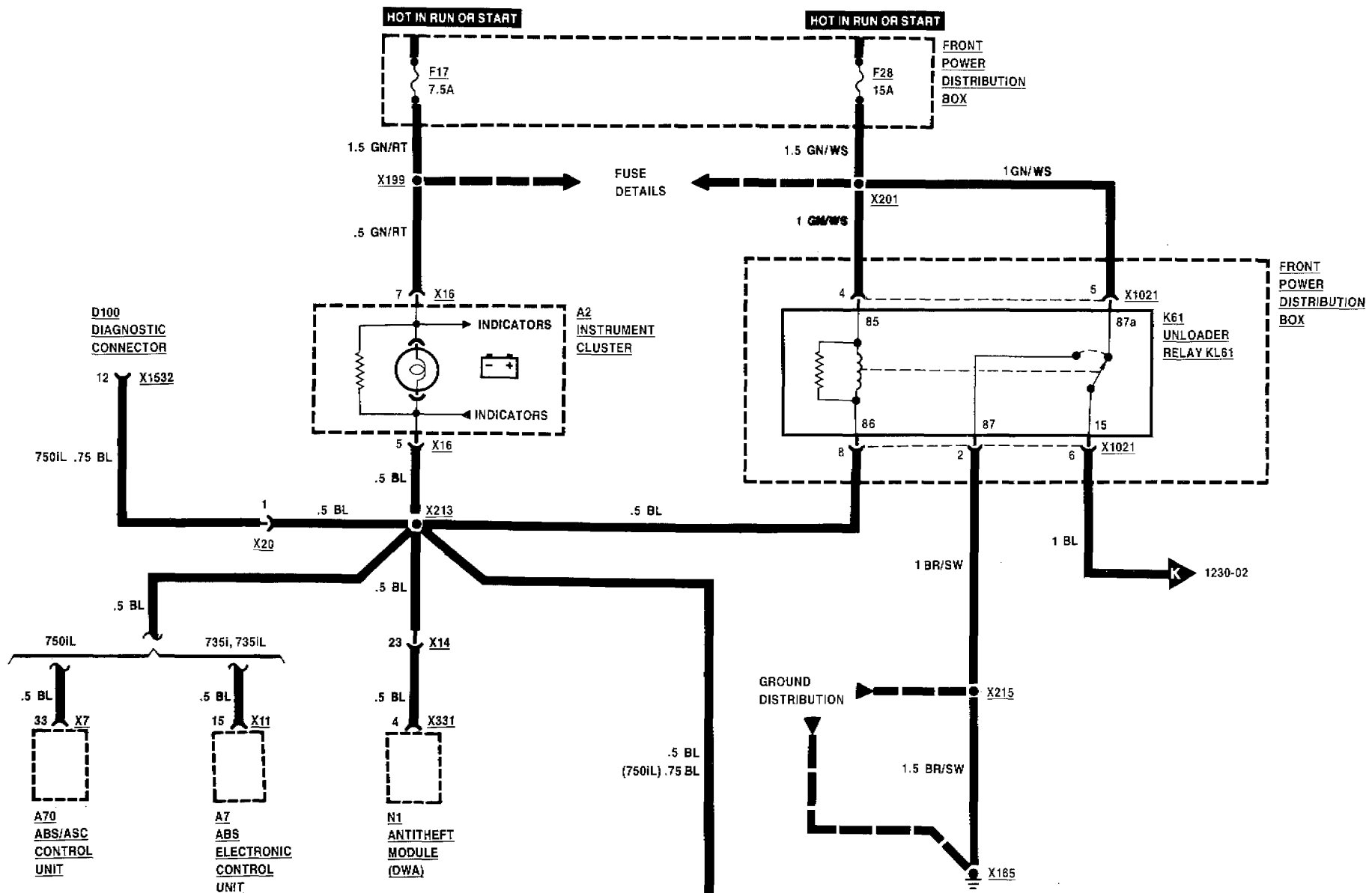
# E-BOX FAN

# 750iL





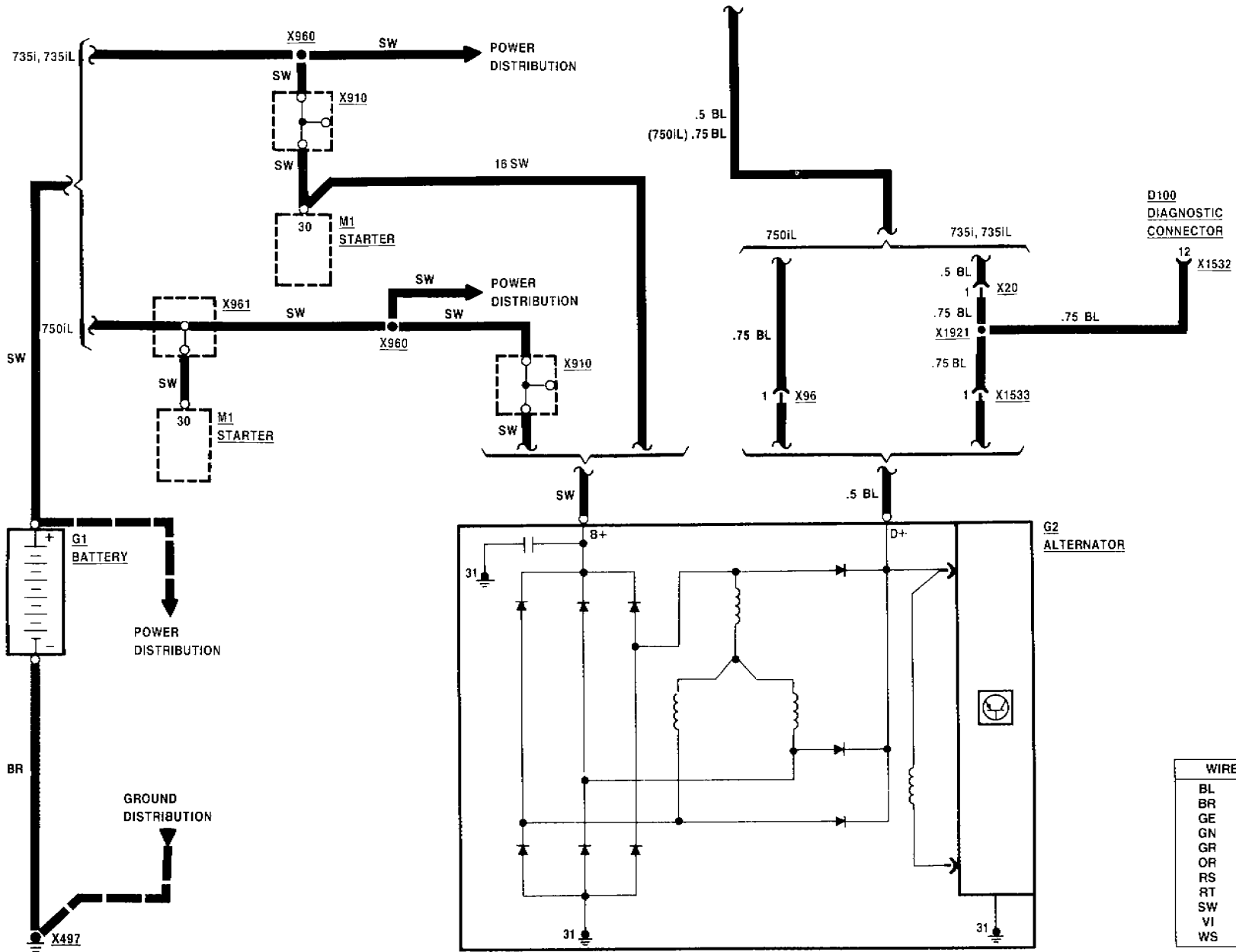
# CHARGING SYSTEM



09/89

1230-00

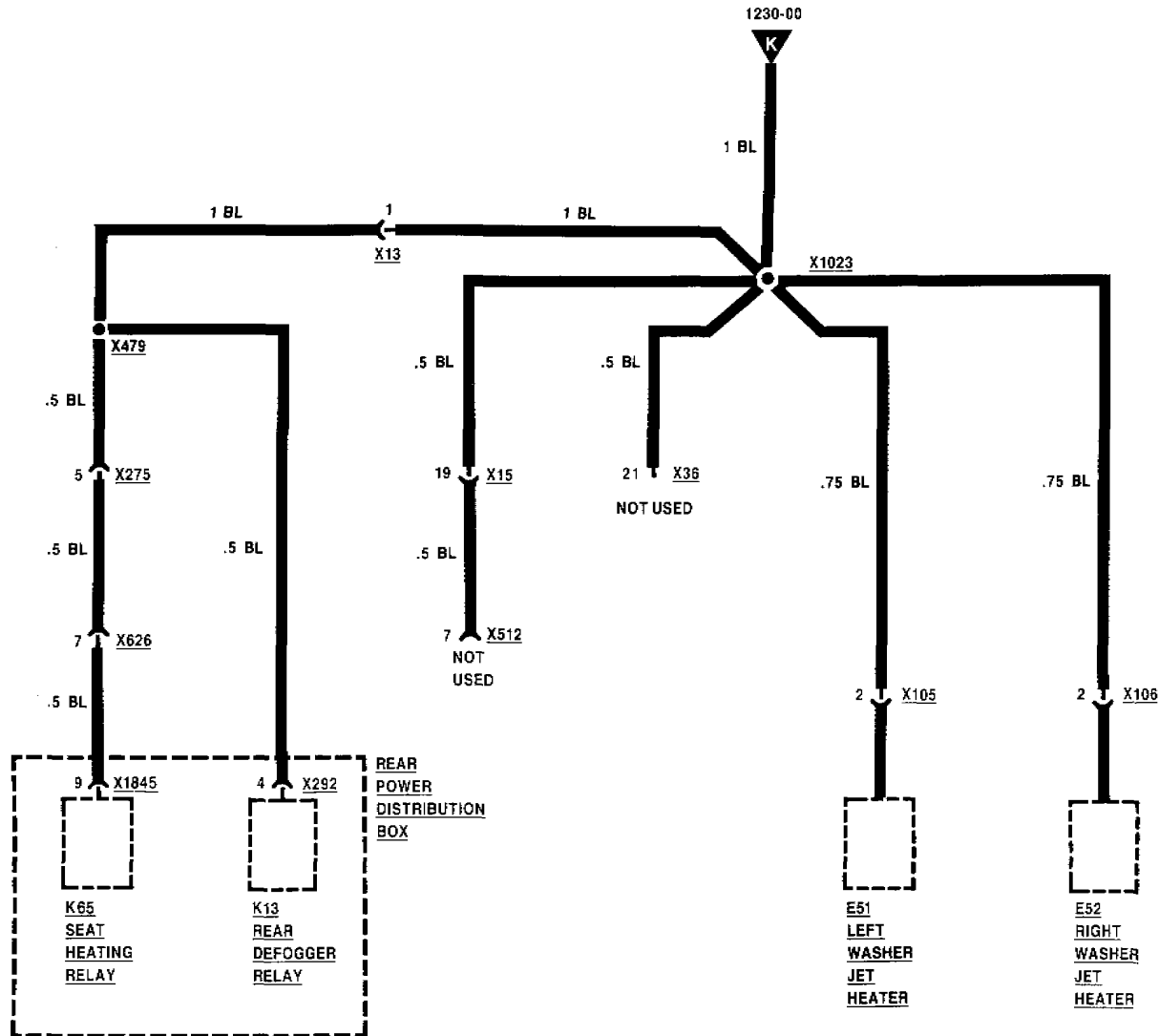
1990



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



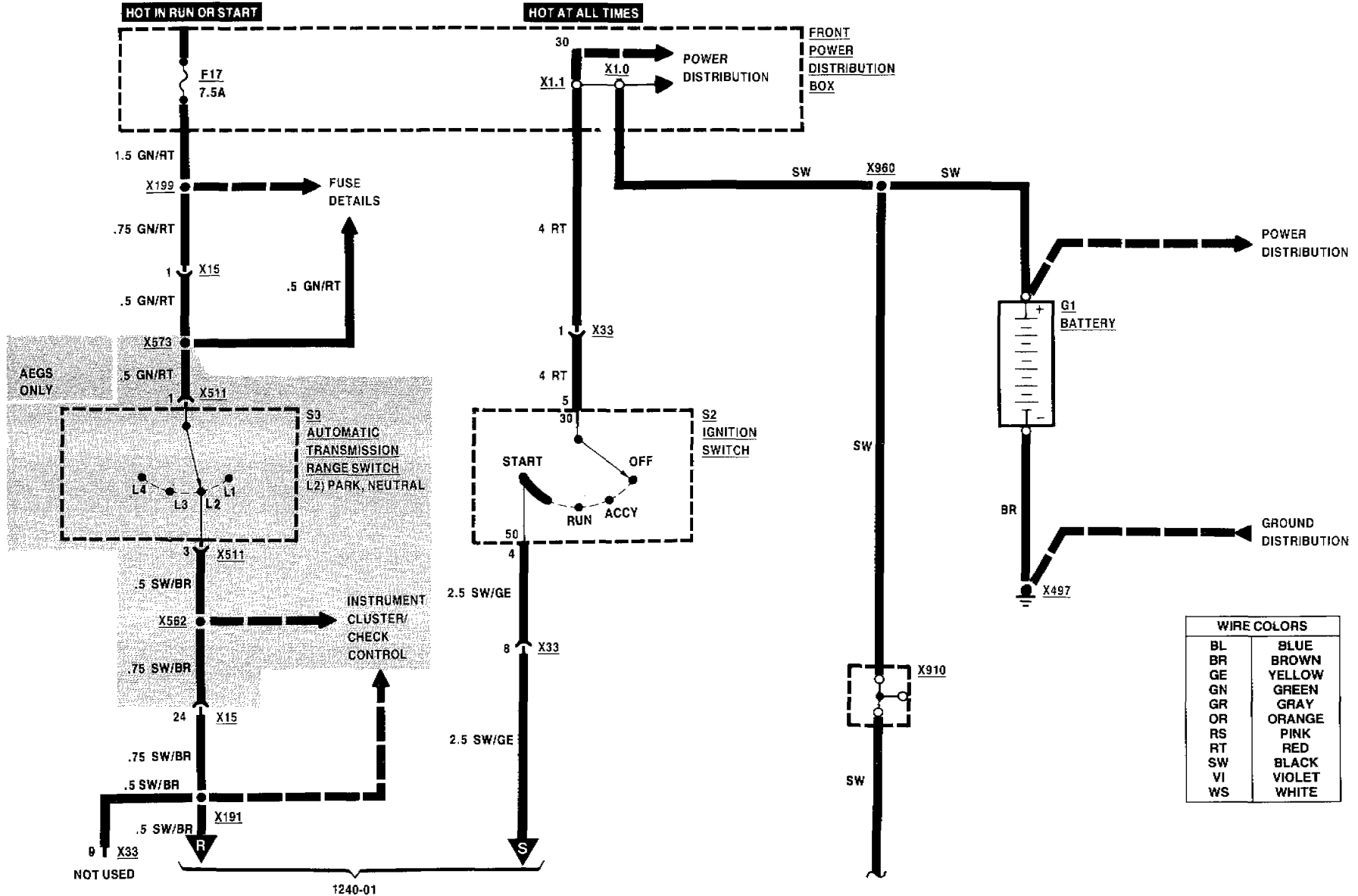
# CHARGING SYSTEM

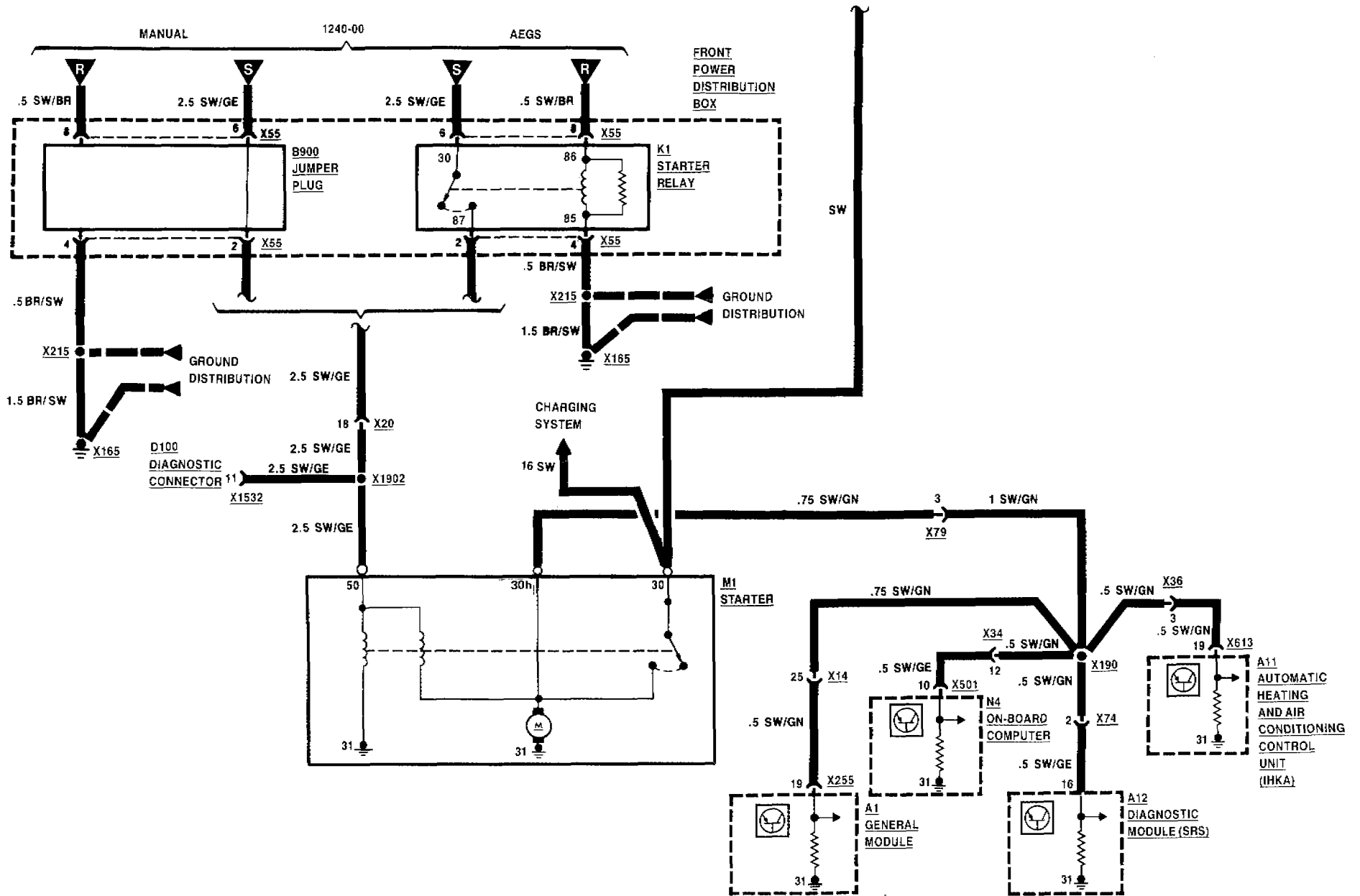




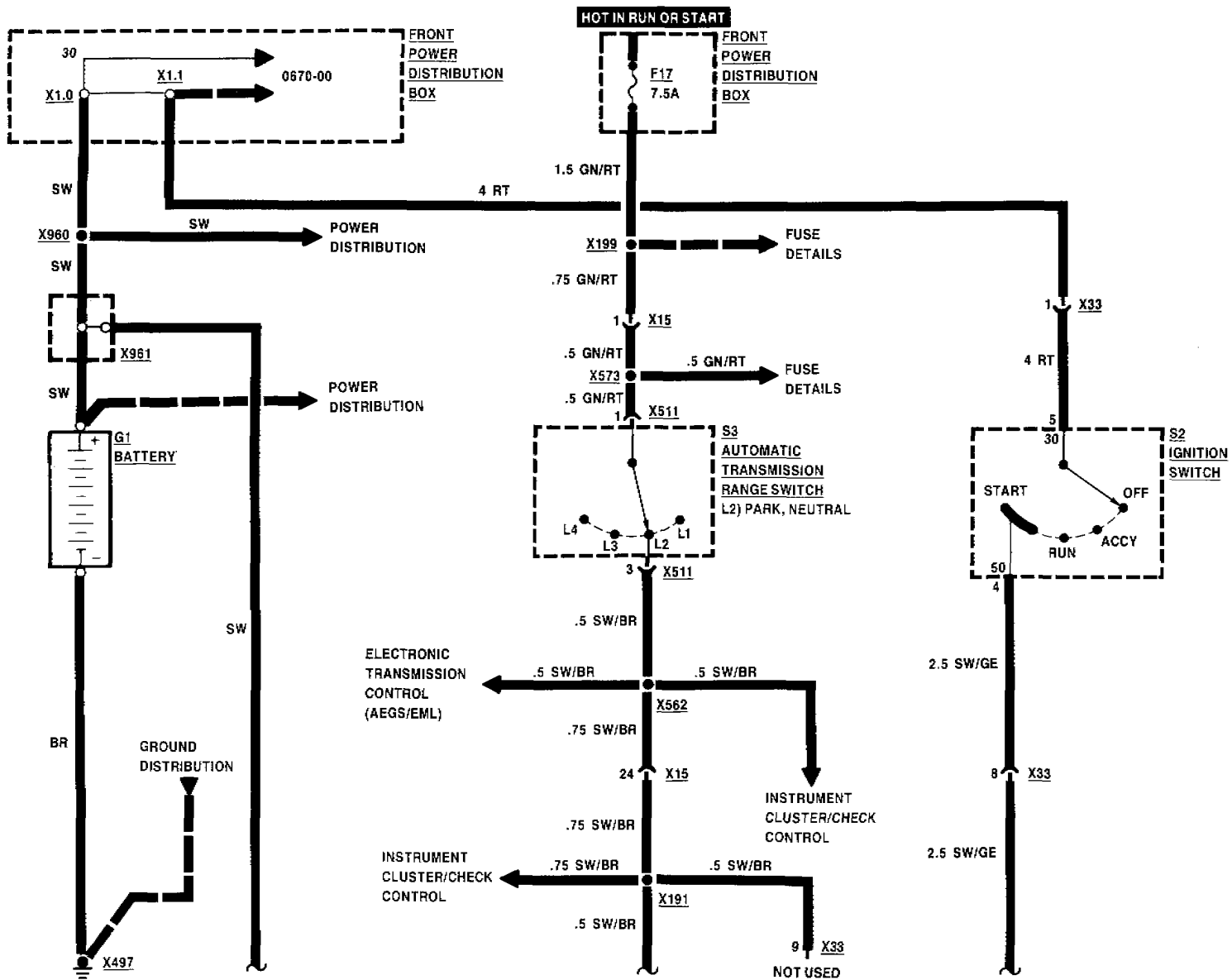
# START

## 735i, 735iL

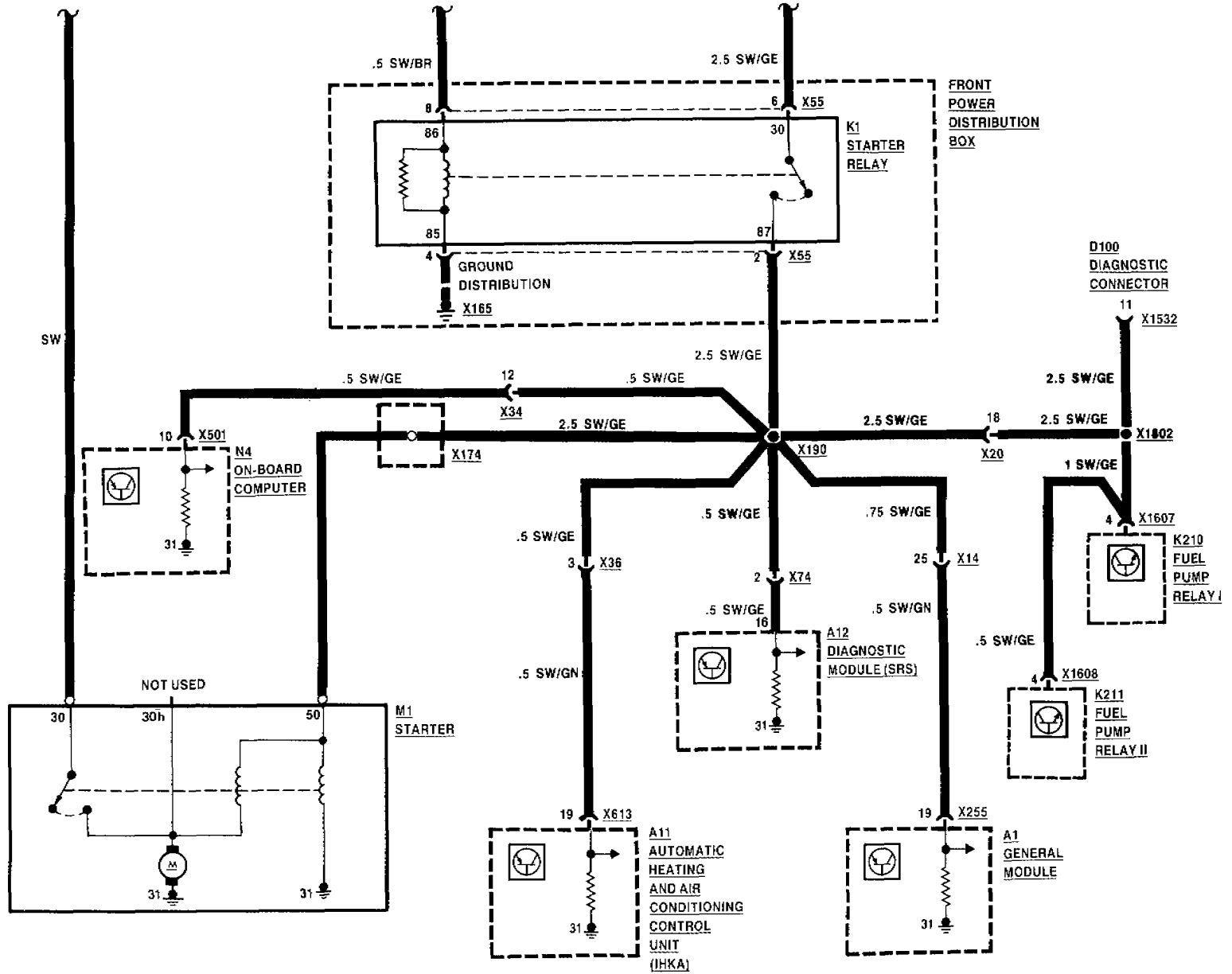








WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





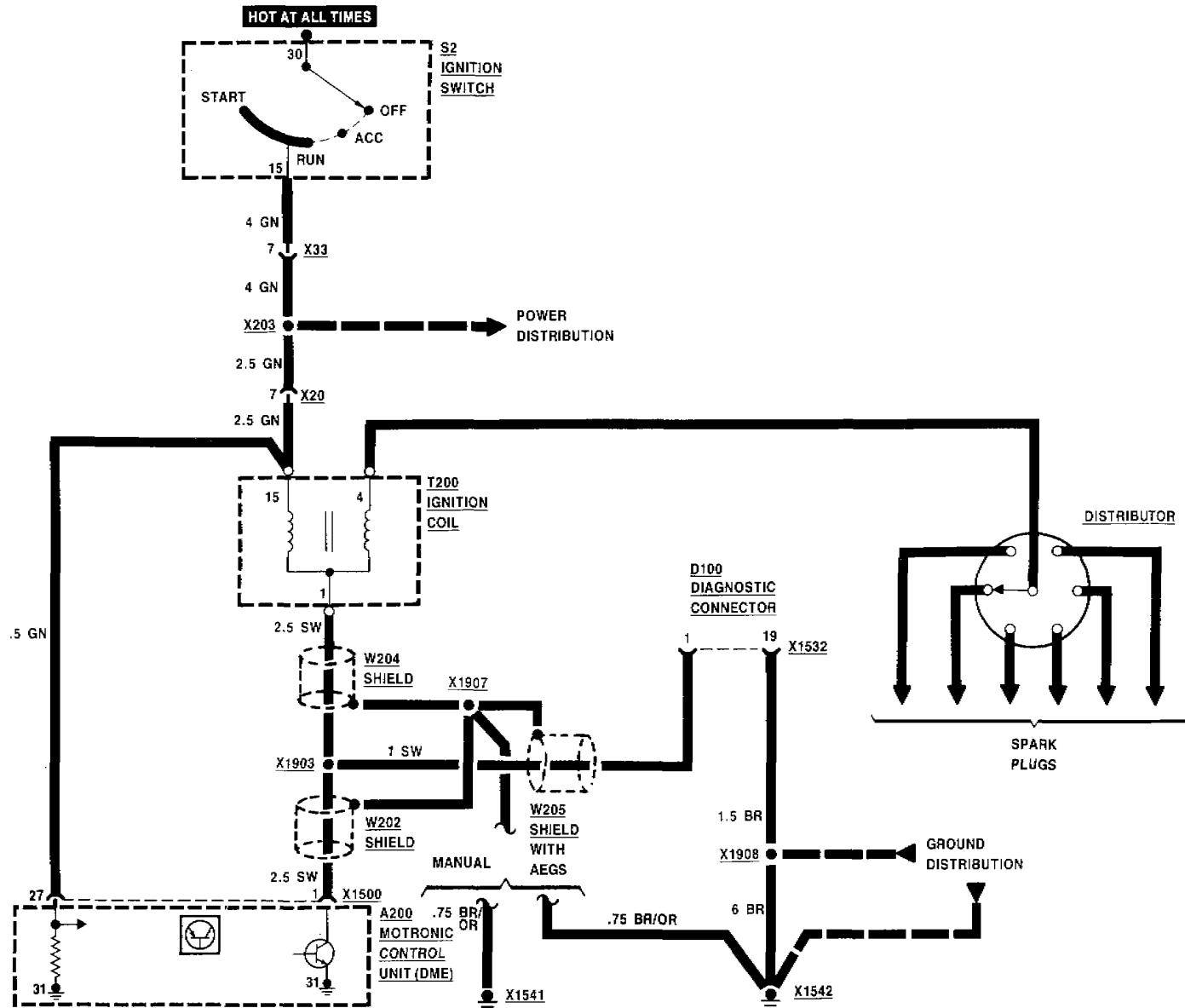
# INJECTION ELECTRONICS (DME 1.3)

## 735i, 735iL

09/89

1360-00

1990

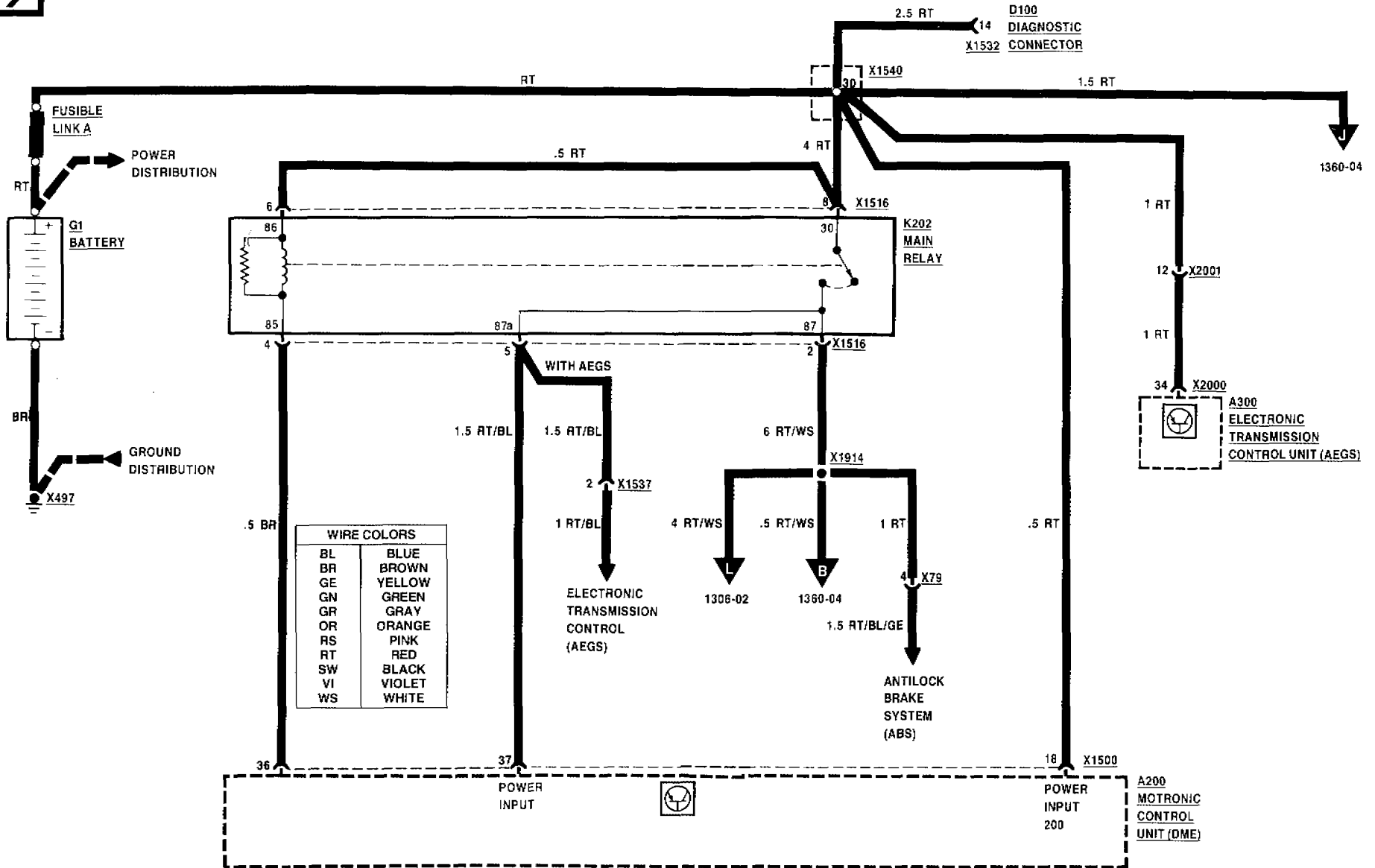


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# INJECTION ELECTRONICS (DME 1.3)

## 735i, 735iL



09/89

1360-01

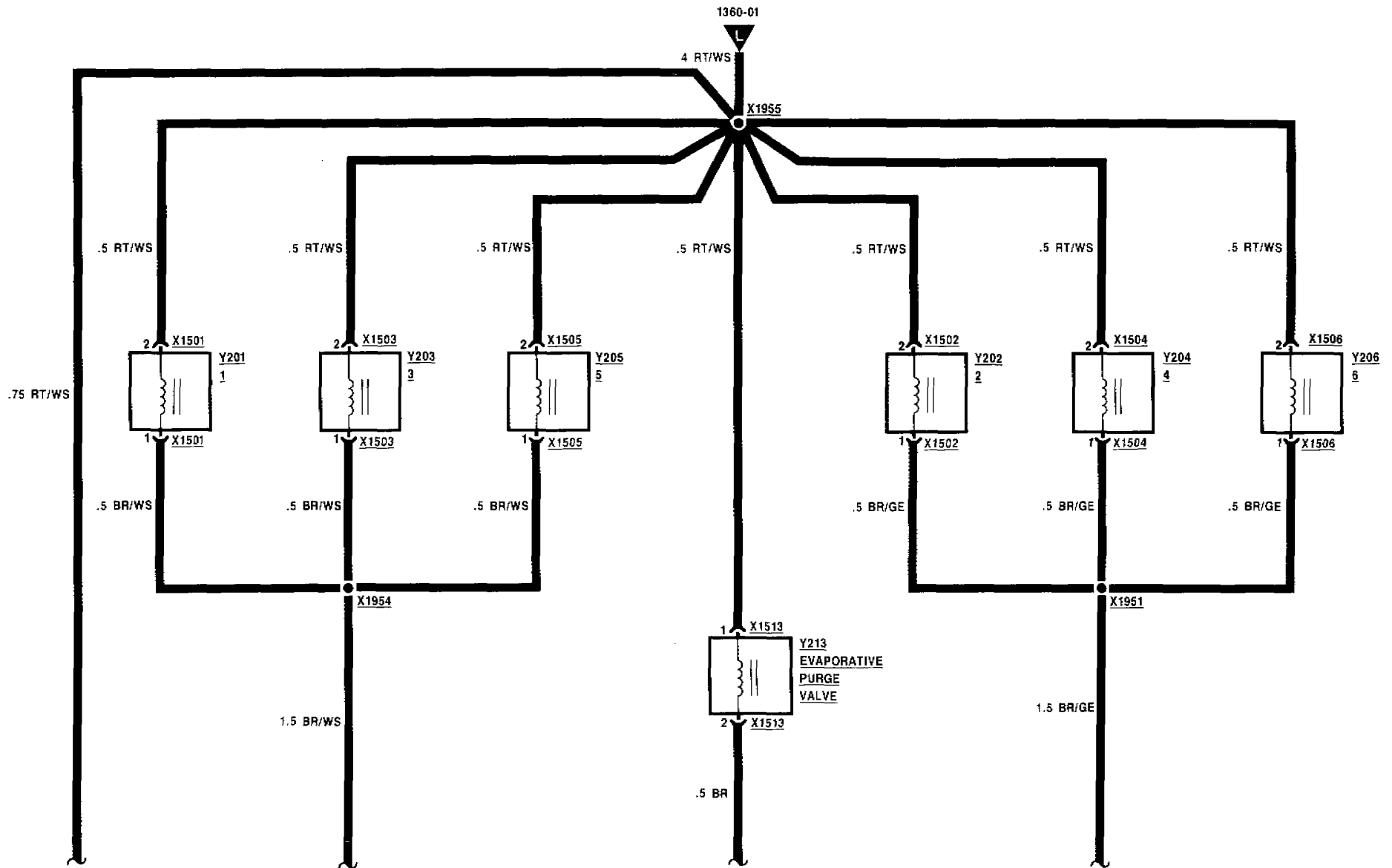
1990

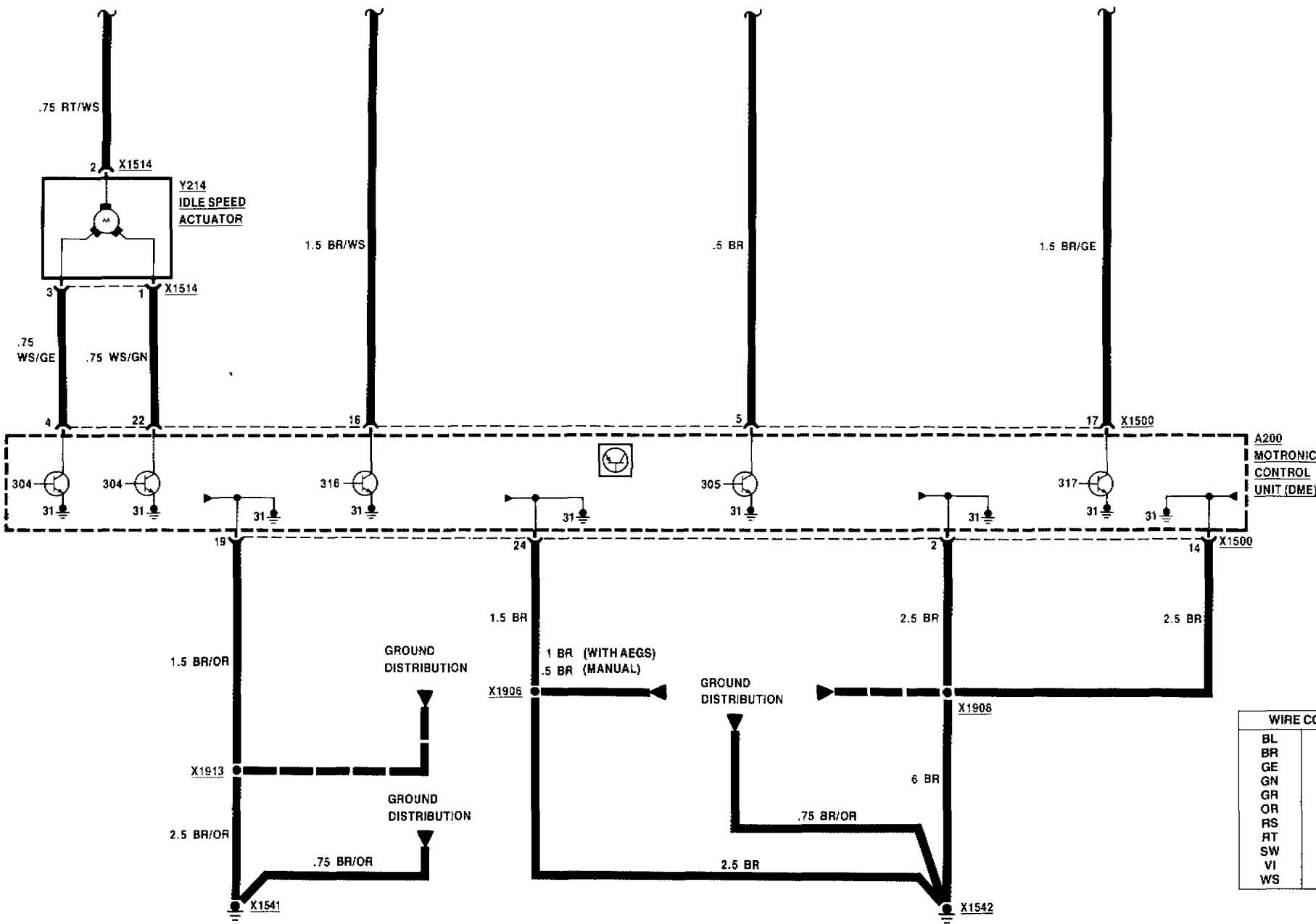


# INJECTION ELECTRONICS (DME 1.3)

## FUEL INJECTORS

735i, 735iL





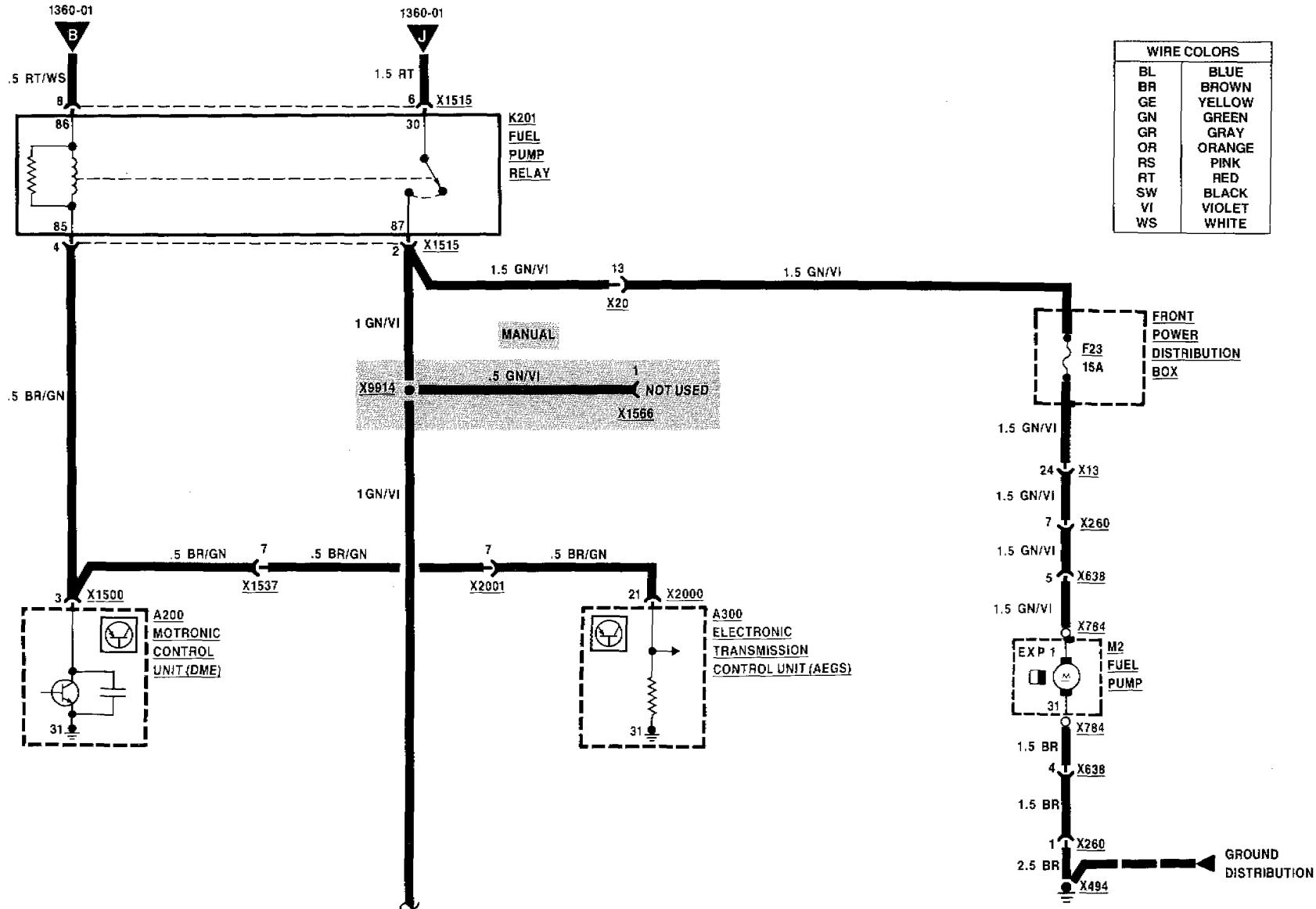
A200  
MOTRONIC  
CONTROL  
UNIT (DME)

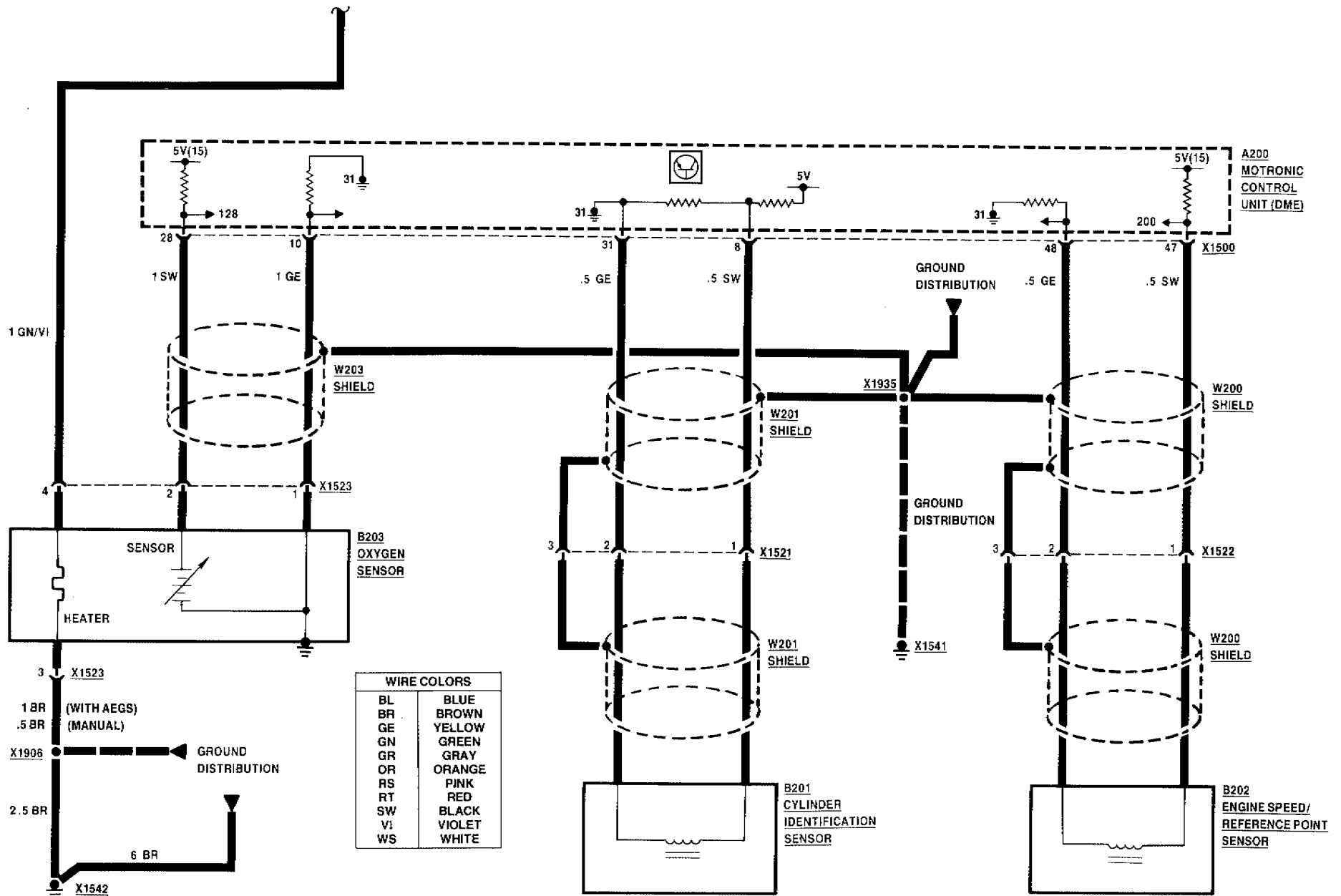
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# INJECTION ELECTRONICS (DME 1.3)

## 735i, 735iL



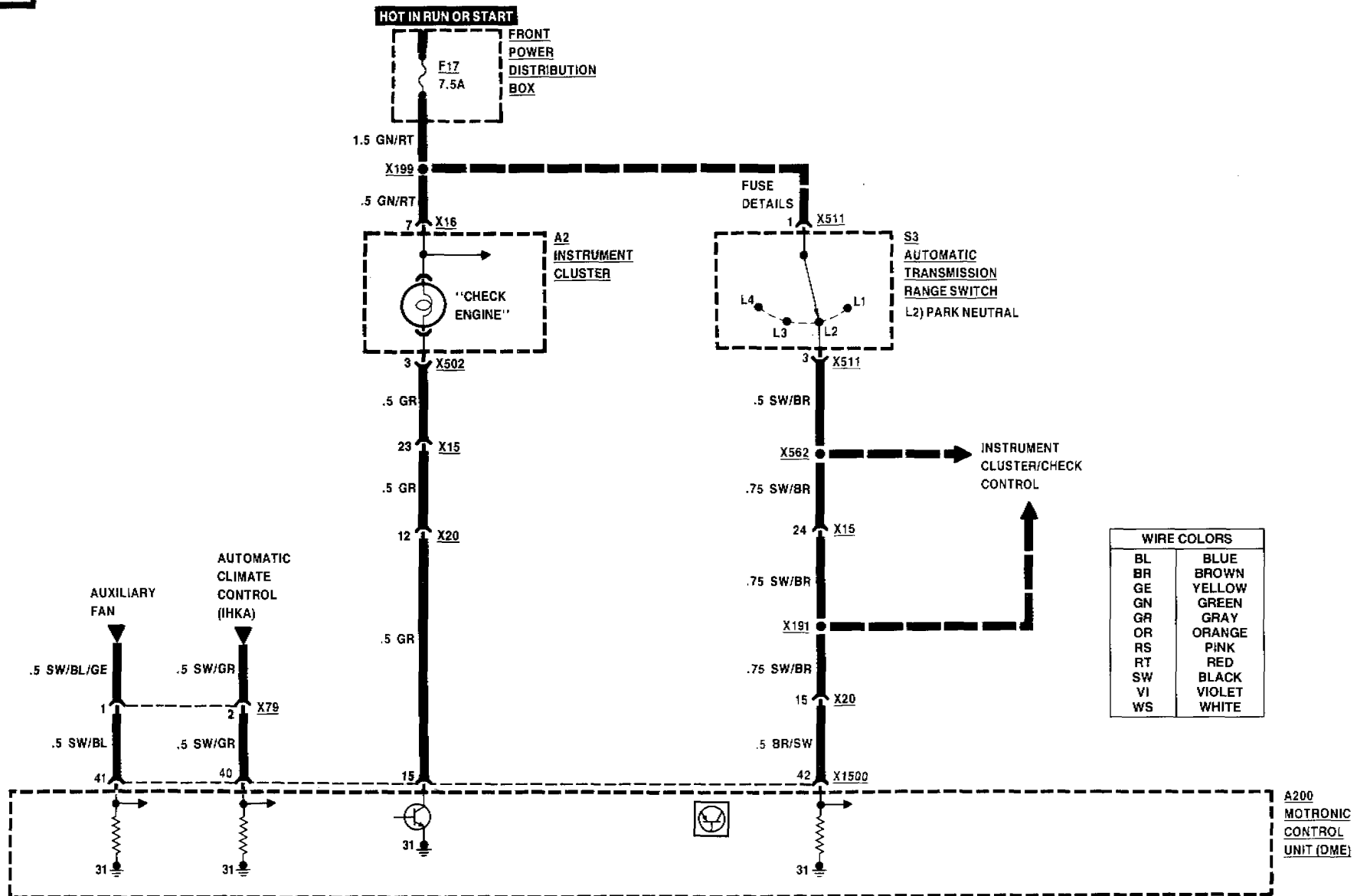






# INJECTION ELECTRONICS (DME 1.3)

## 735i, 735iL





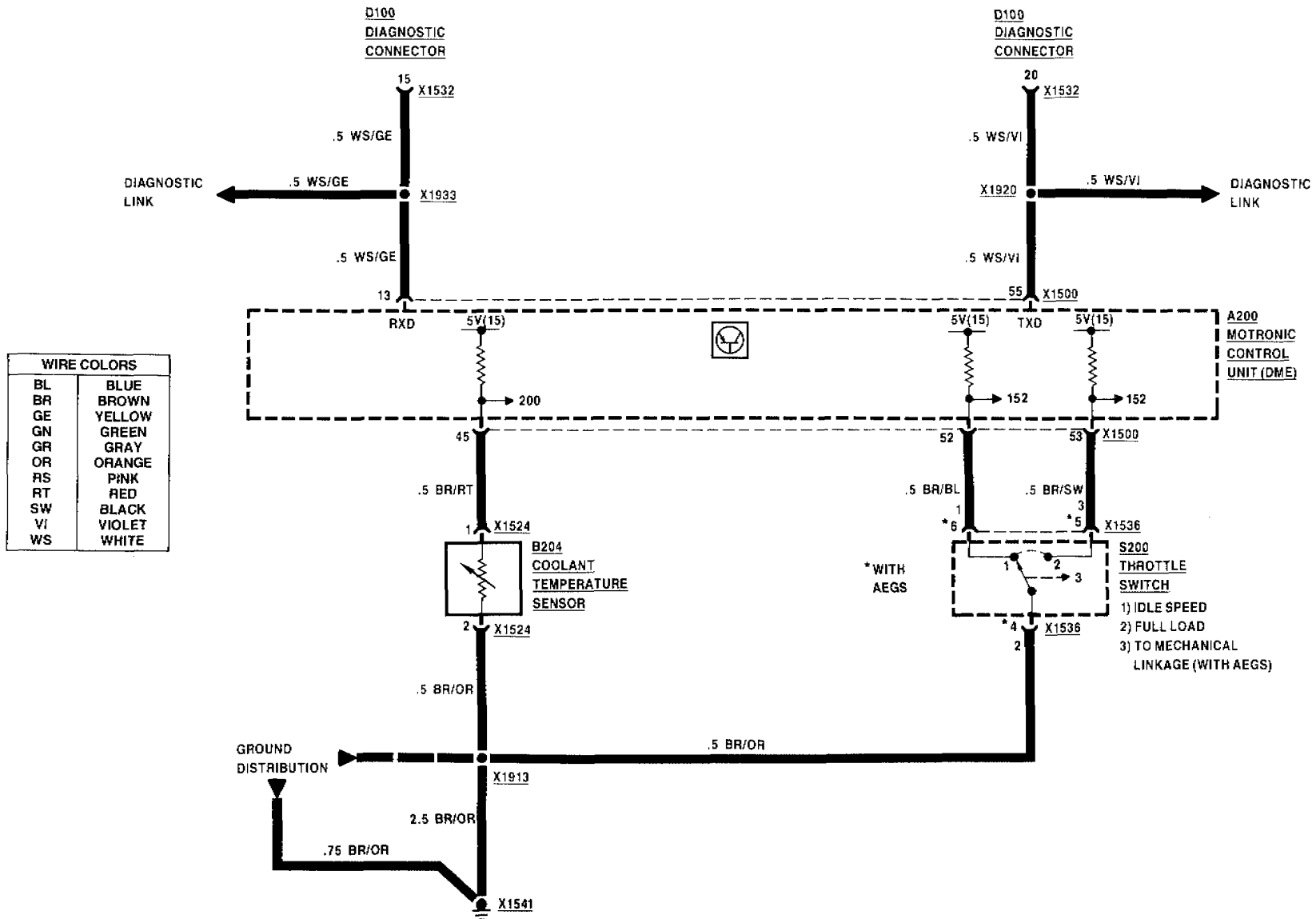
# INJECTION ELECTRONICS (DME 1.3)

## 735i, 735iL

09/89

1360-07

1990



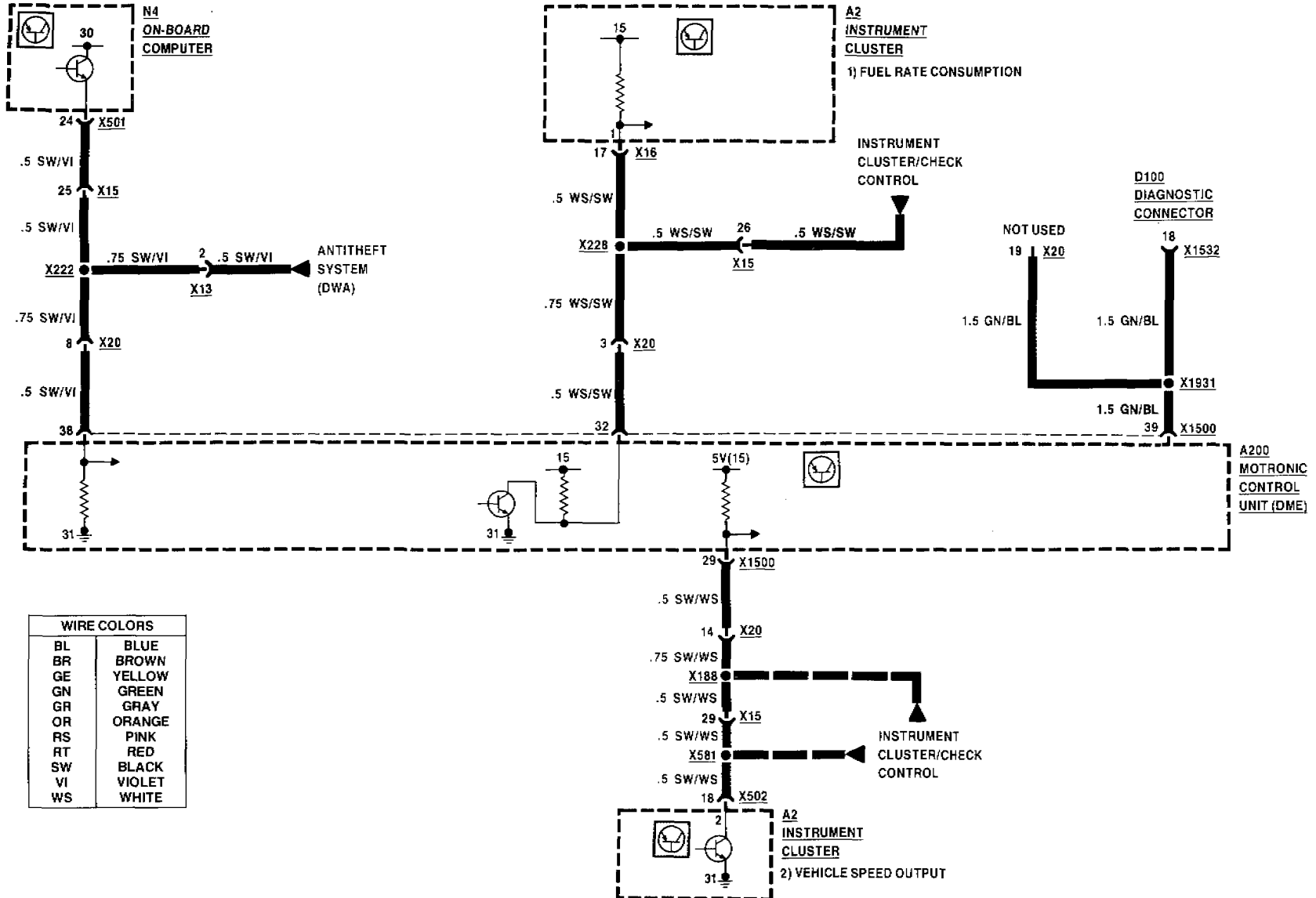
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

- S200 THROTTLE SWITCH
- 1) IDLE SPEED
  - 2) FULL LOAD
  - 3) TO MECHANICAL LINKAGE (WITH AEGS)



# INJECTION ELECTRONICS (DME 1.3)

## 735i, 735iL

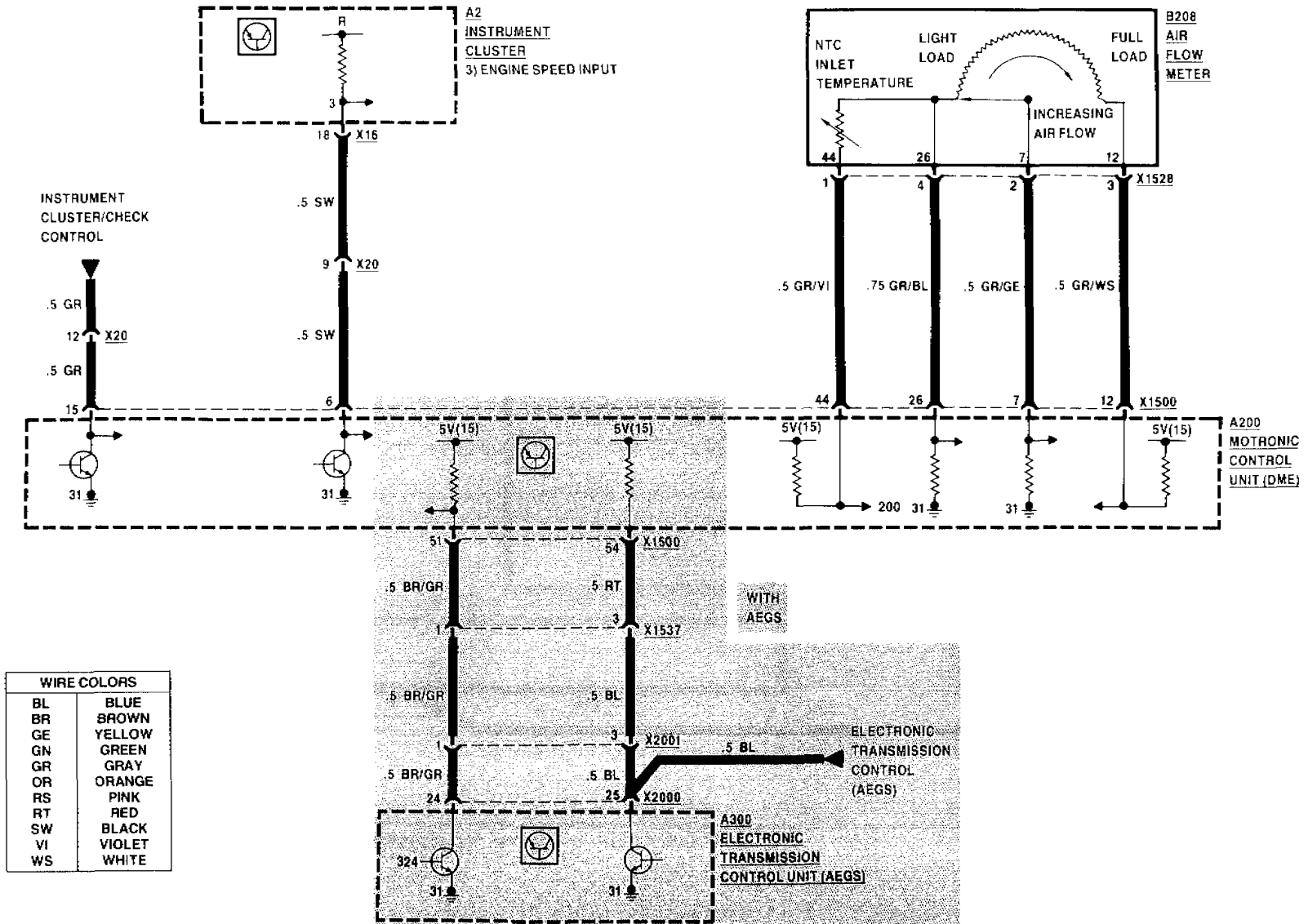


09/89 — 1360-08 — 1990



# INJECTION ELECTRONICS (DME 1.3)

## 735i, 735iL



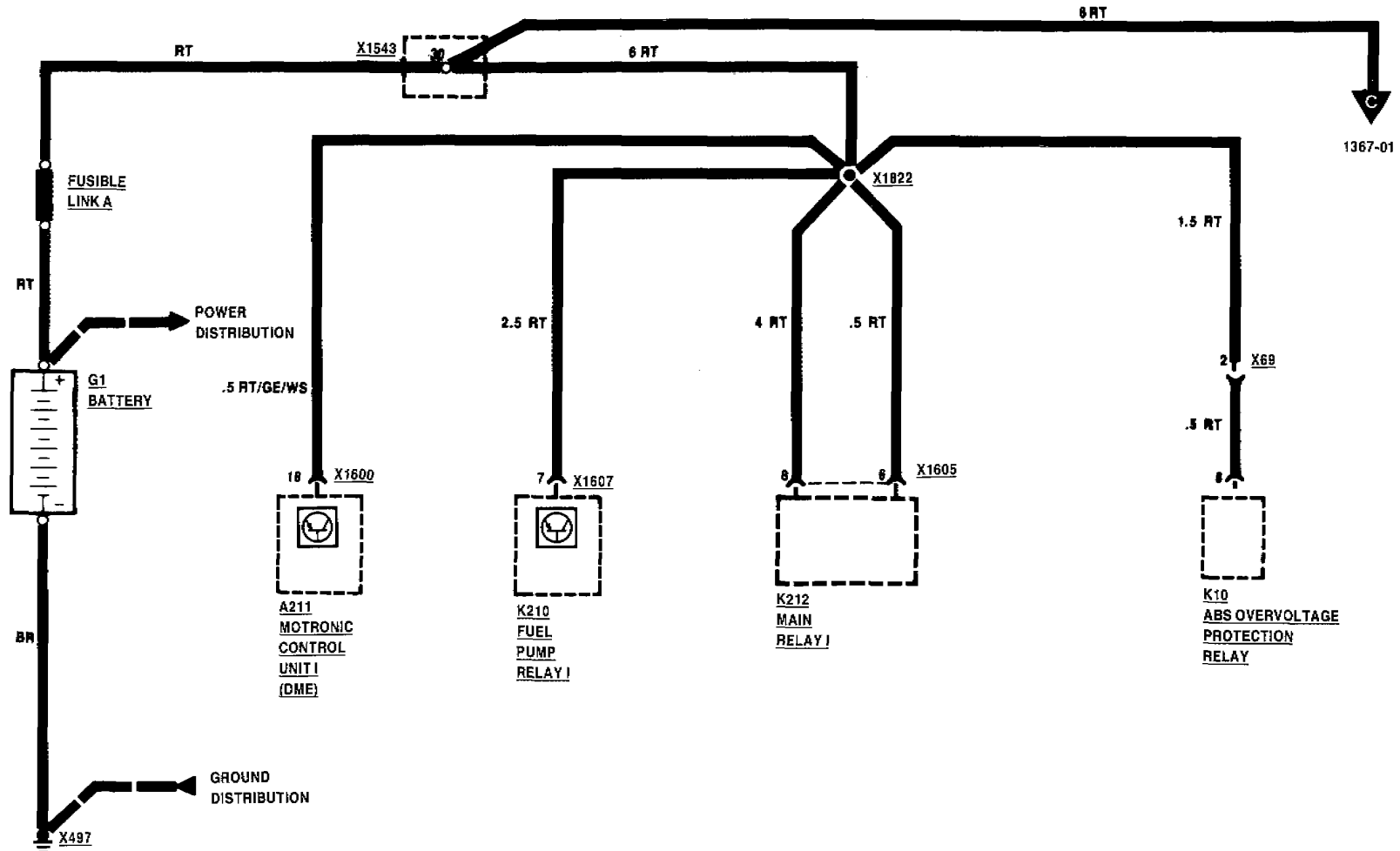
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# INJECTION ELECTRONICS (DME/EML 1.2)

## POWER DISTRIBUTION

750iL

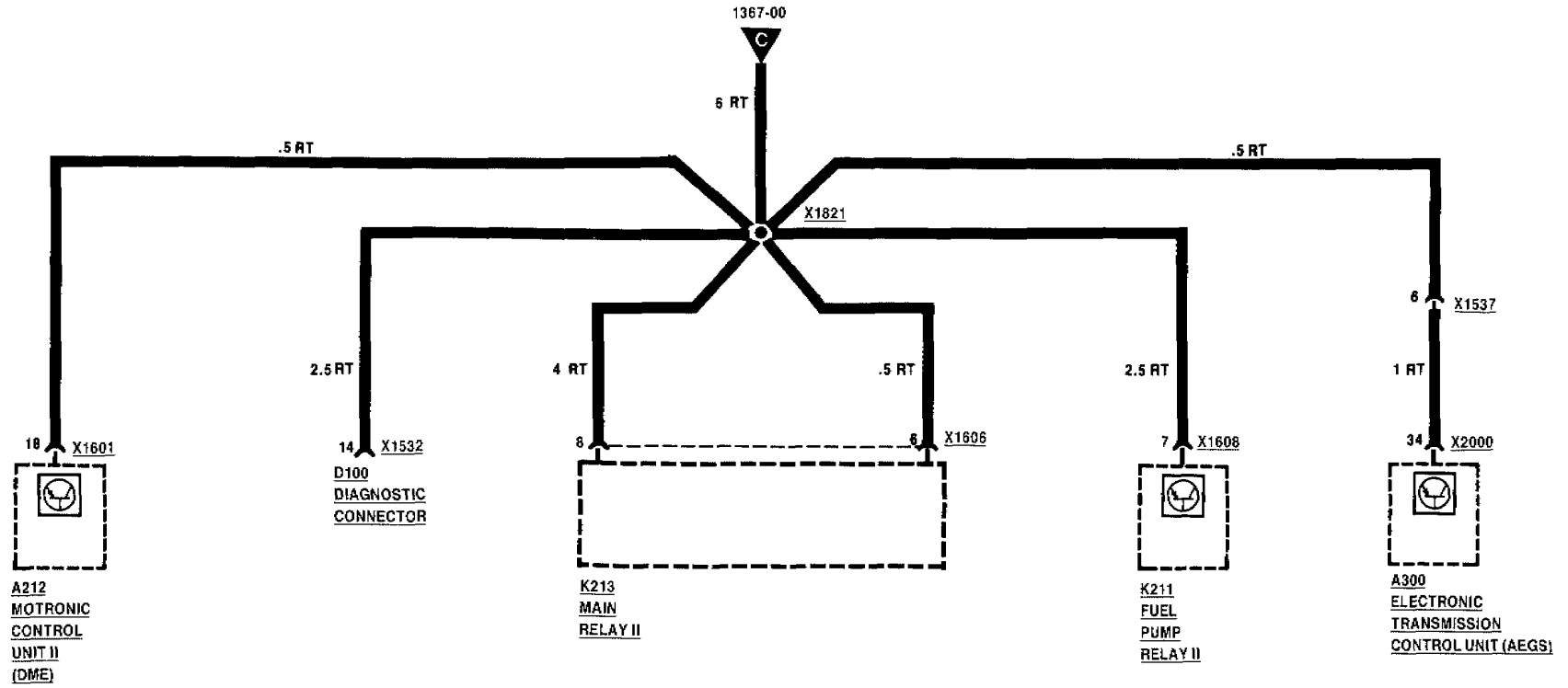




# INJECTION ELECTRONICS (DME/EML 1.2)

750iL

## POWER DISTRIBUTION





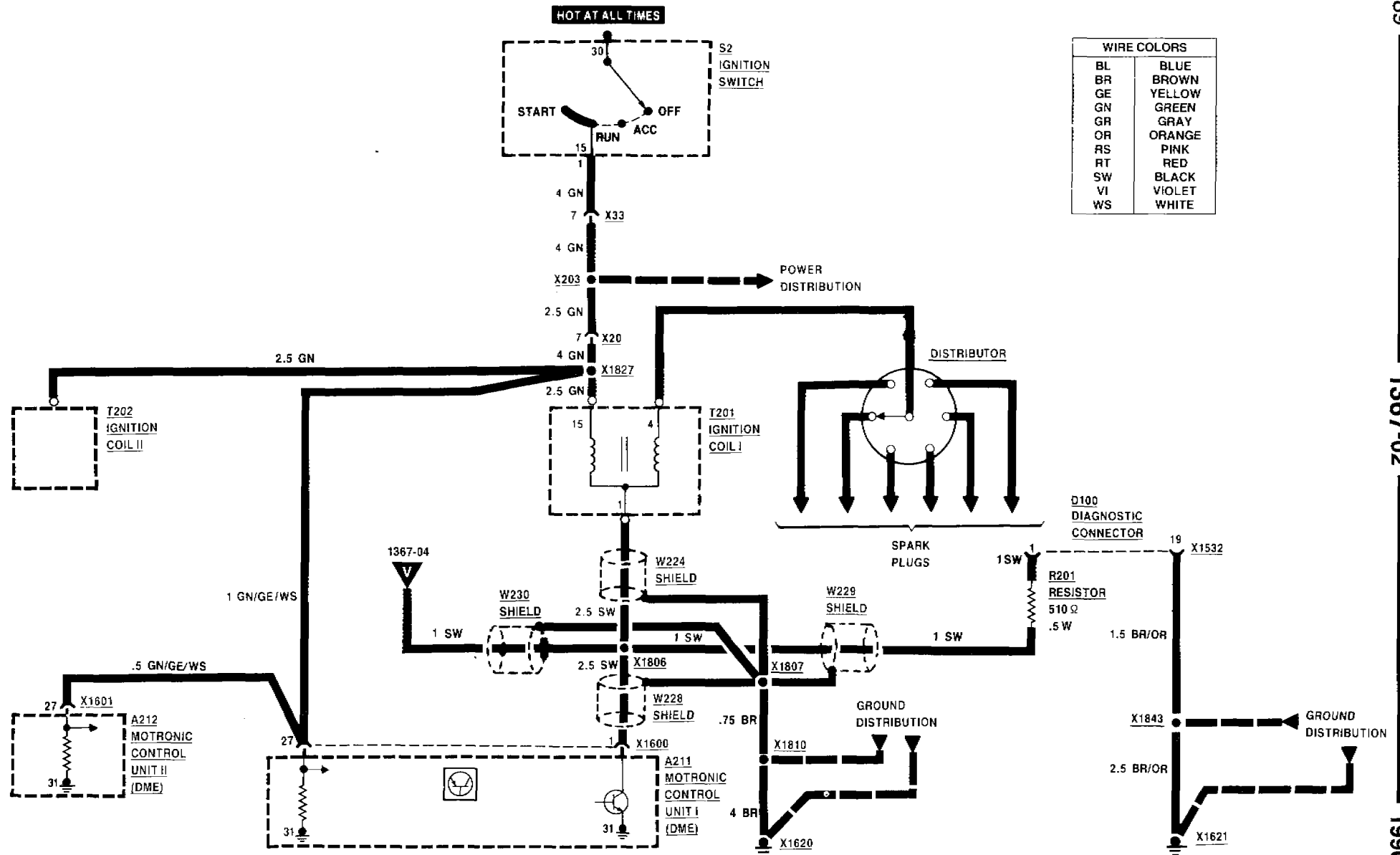
**INJECTION ELECTRONICS (DME/EML 1.2)**  
**MOTRONIC CONTROL UNIT I**

**750iL**

09/89

1367-02

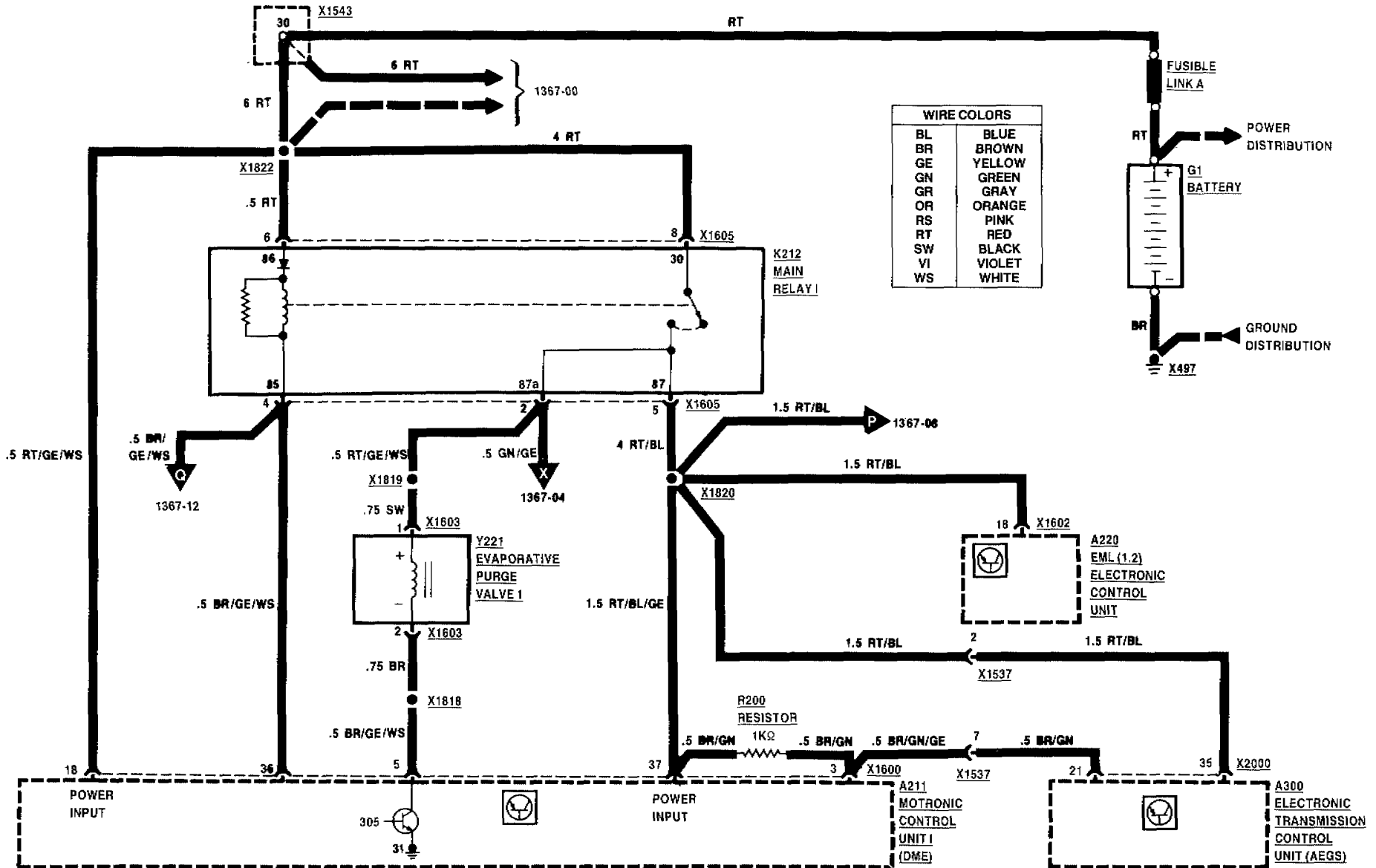
1990





# INJECTION ELECTRONICS (DME/EML 1.2)

750iL



09/89

1367-03

1990





# INJECTION ELECTRONICS (DME/EML 1.2)

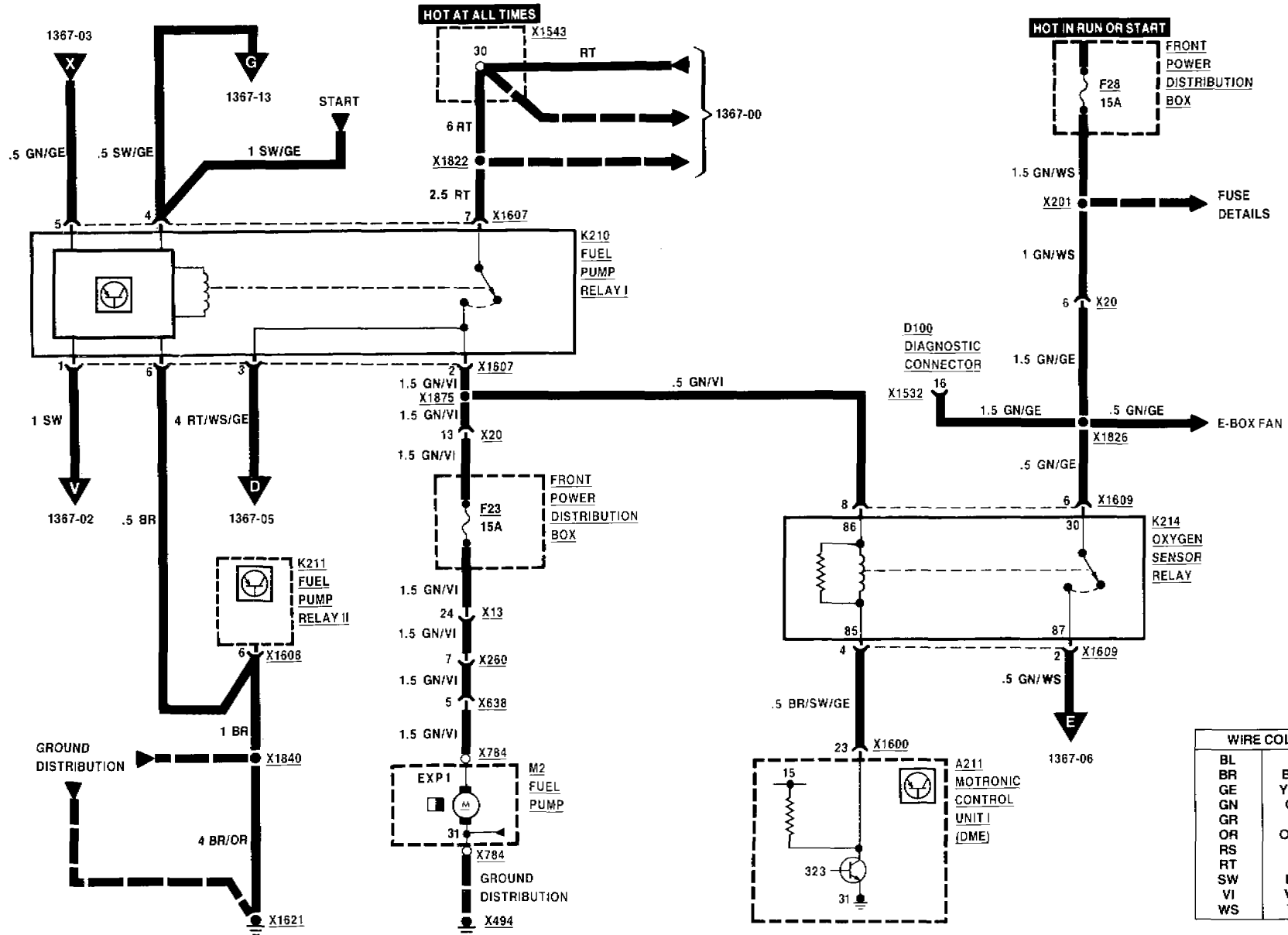
## 750iL

### MOTRONIC CONTROL UNIT I

09/89

1367-04

1990

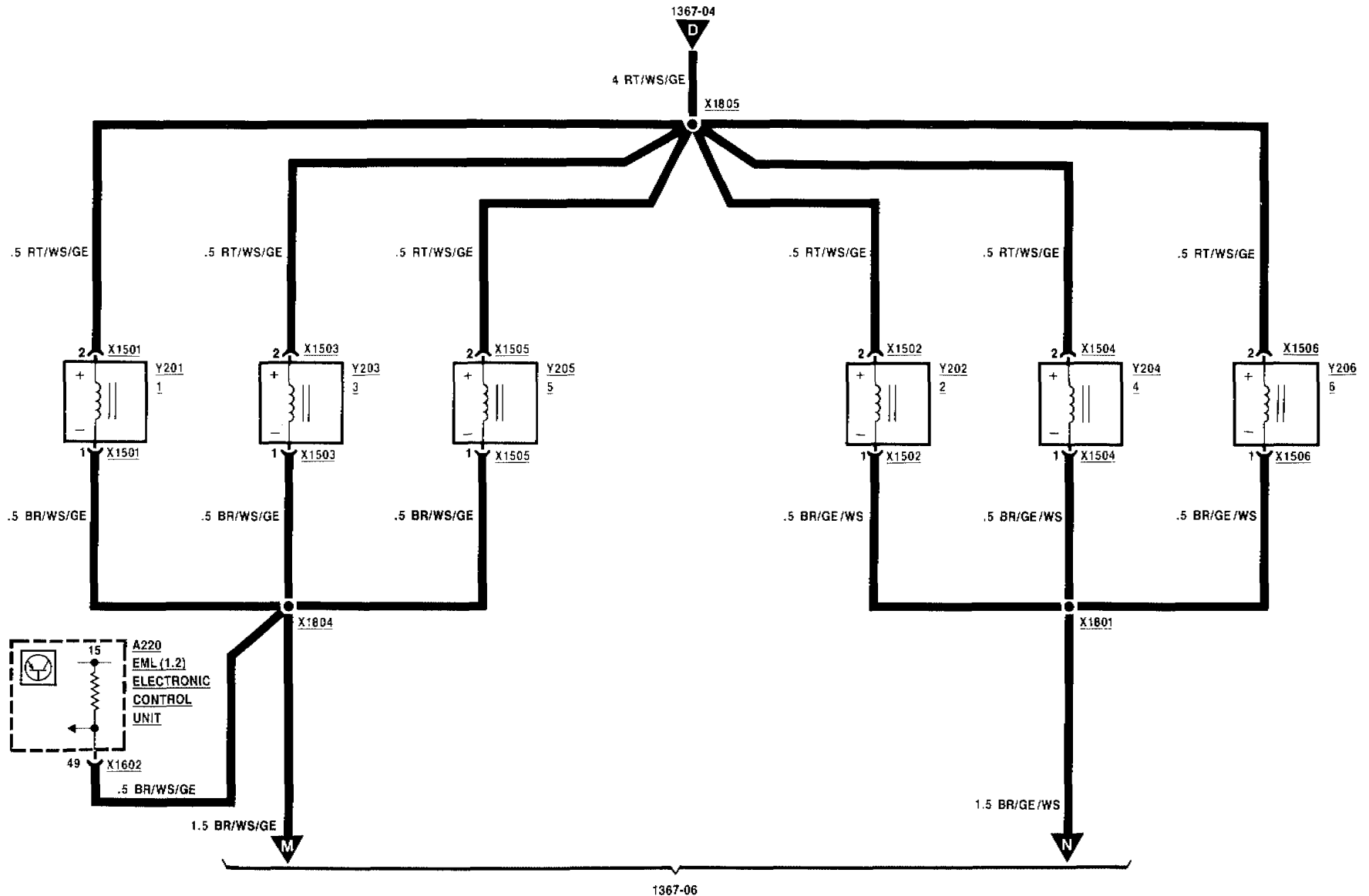


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# INJECTION ELECTRONICS (DME/EML 1.2) MOTRONIC CONTROL UNIT I

750iL



1367-06

09/89

1367-05

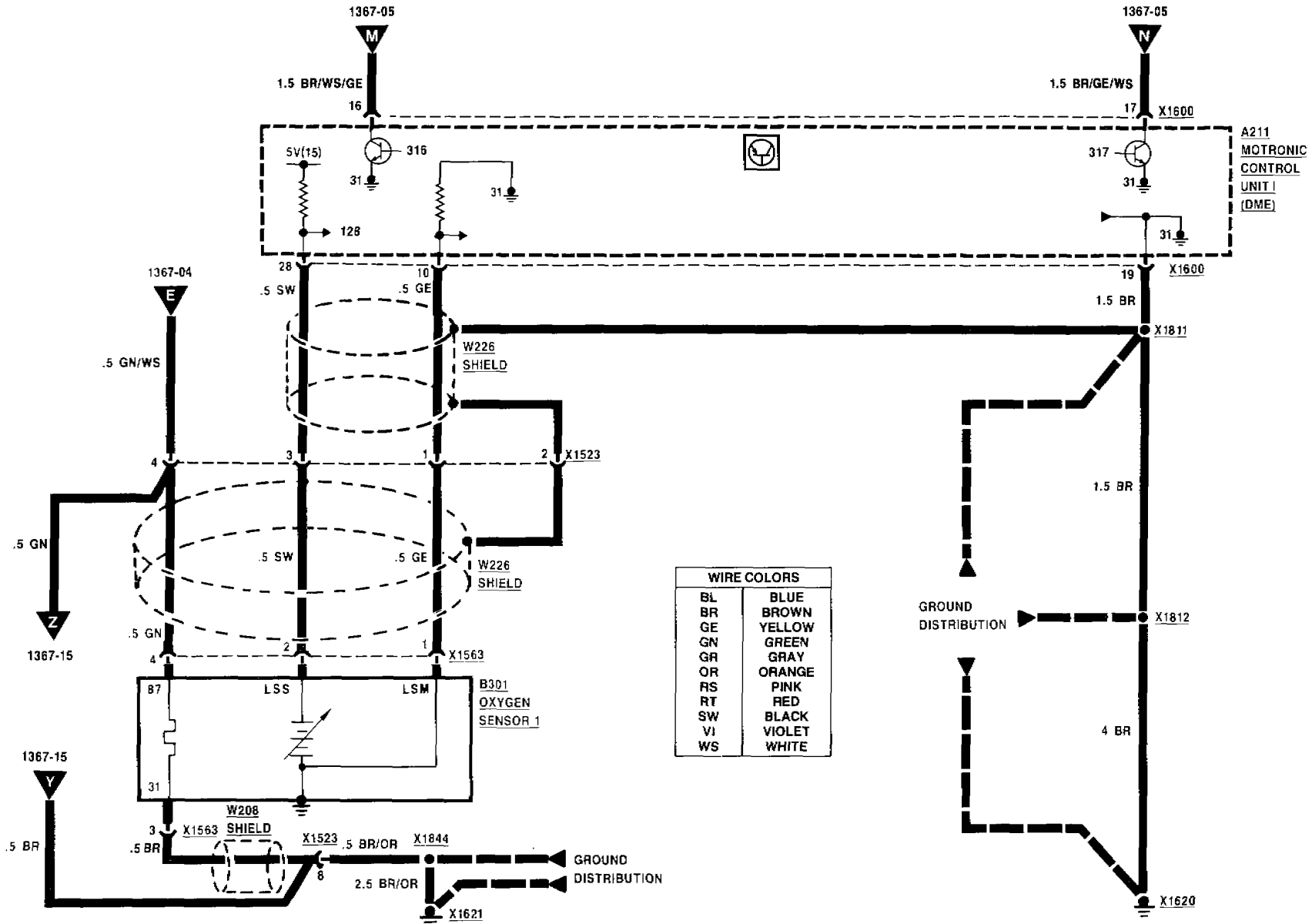
1990



# INJECTION ELECTRONICS (DME/EML 1.2)

## MOTRONIC CONTROL UNIT I

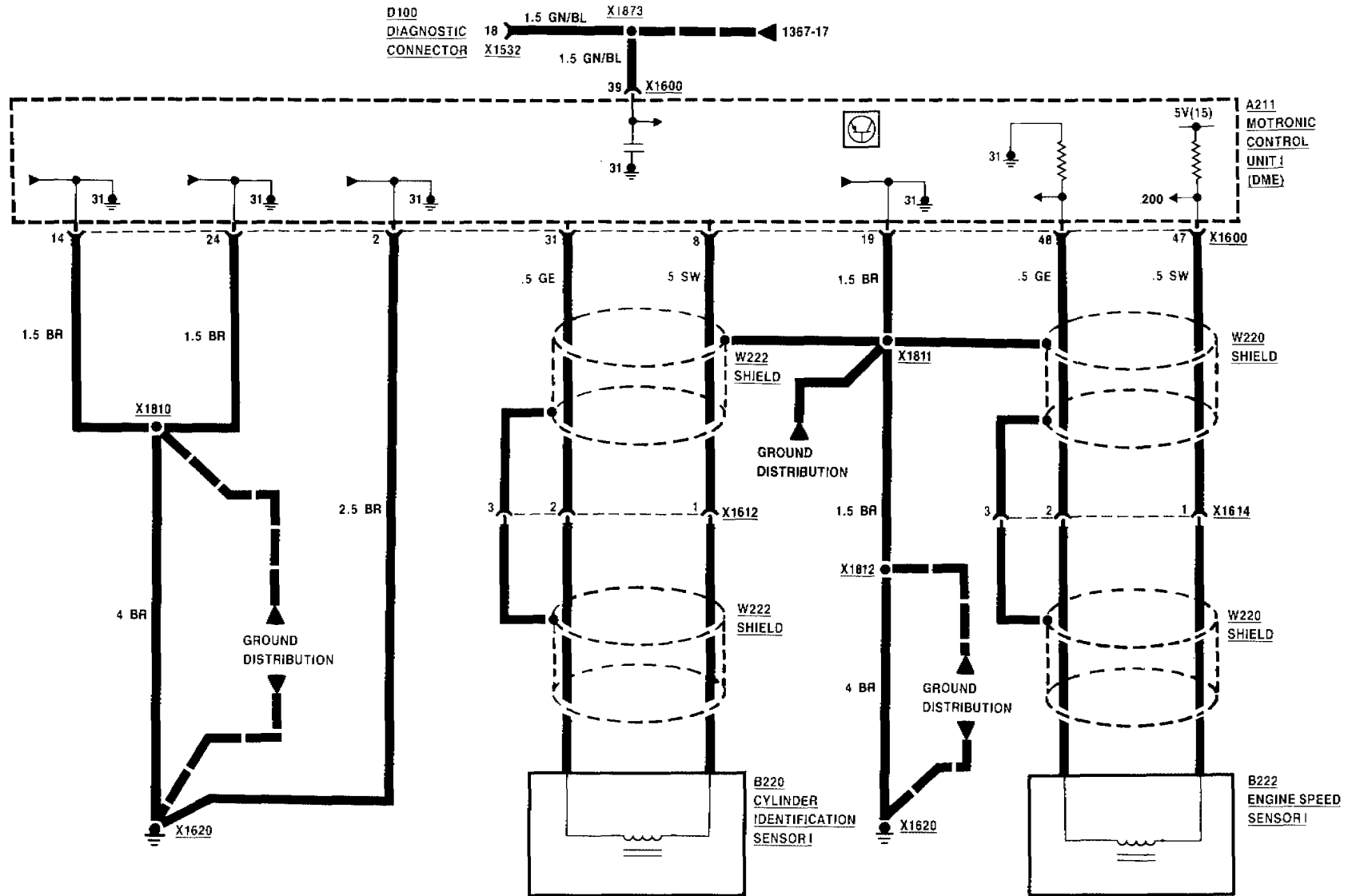
750iL





# INJECTION ELECTRONICS (DME/EML 1.2) MOTRONIC CONTROL UNIT I

750iL



09/89

1367-07

1990



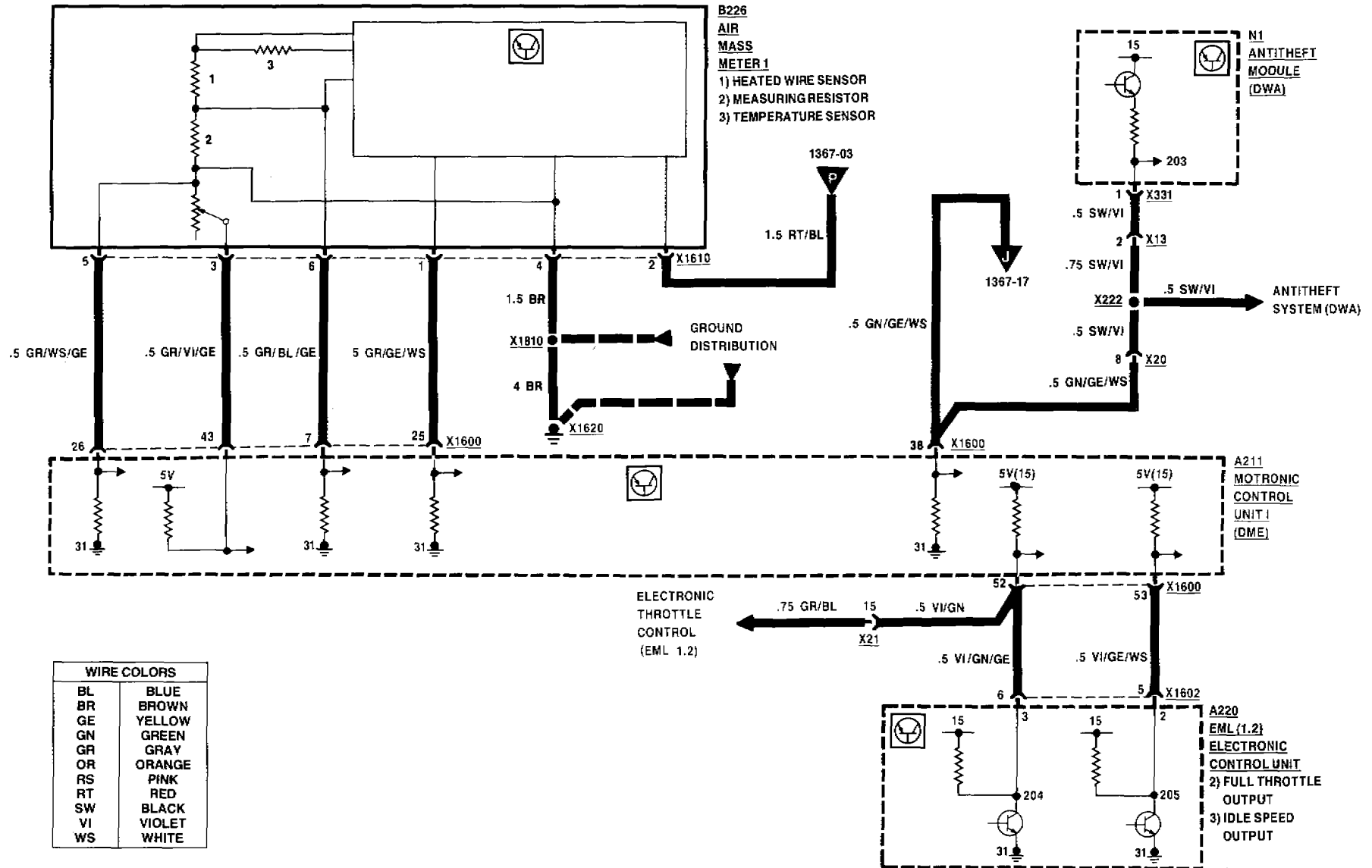
# INJECTION ELECTRONICS (DME/EML 1.2) MOTRONIC CONTROL UNIT I

750iL

09/89

1367-08

1990



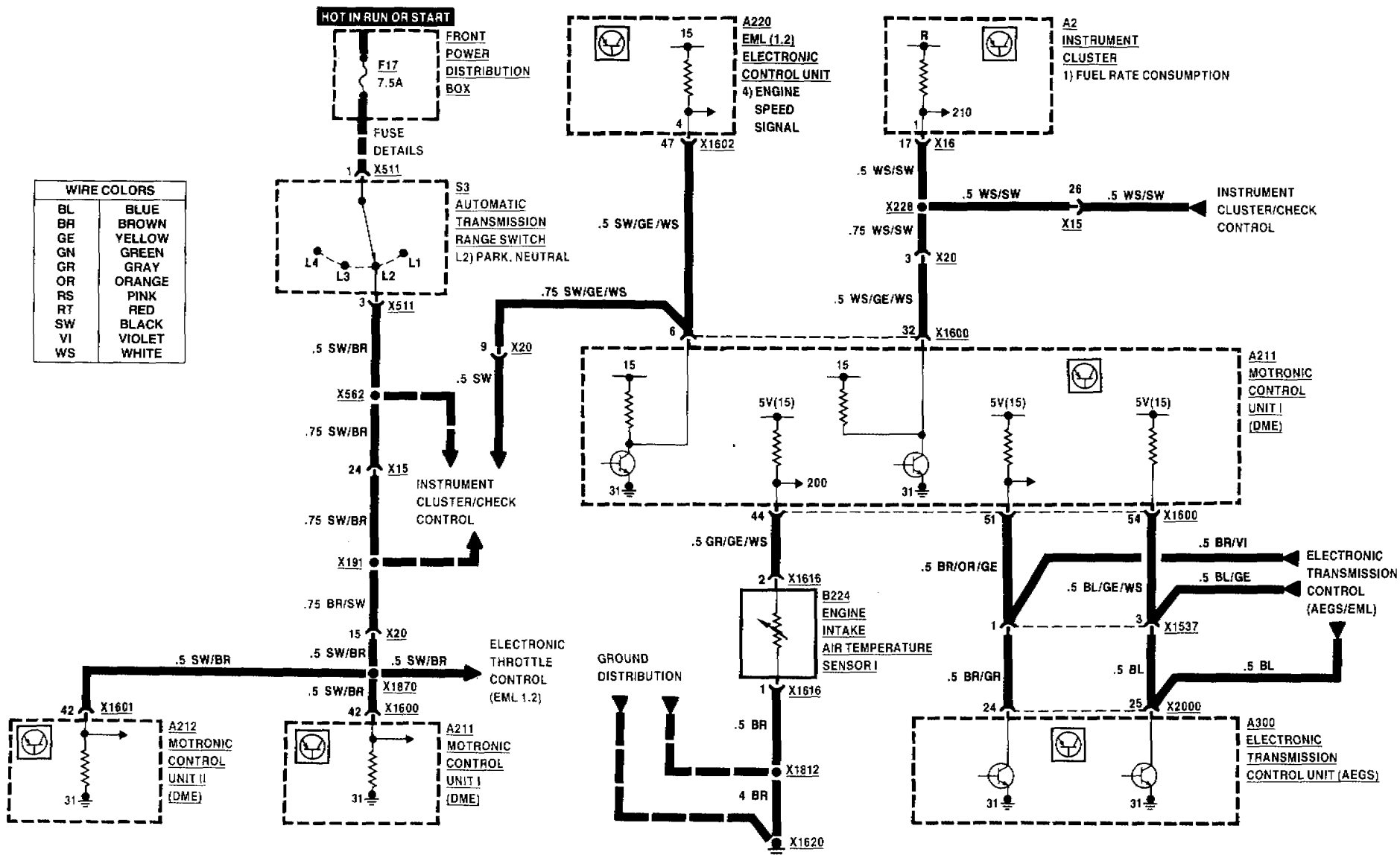


# INJECTION ELECTRONICS (DME/EML 1.2)

## MOTRONIC CONTROL UNIT I

750iL

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

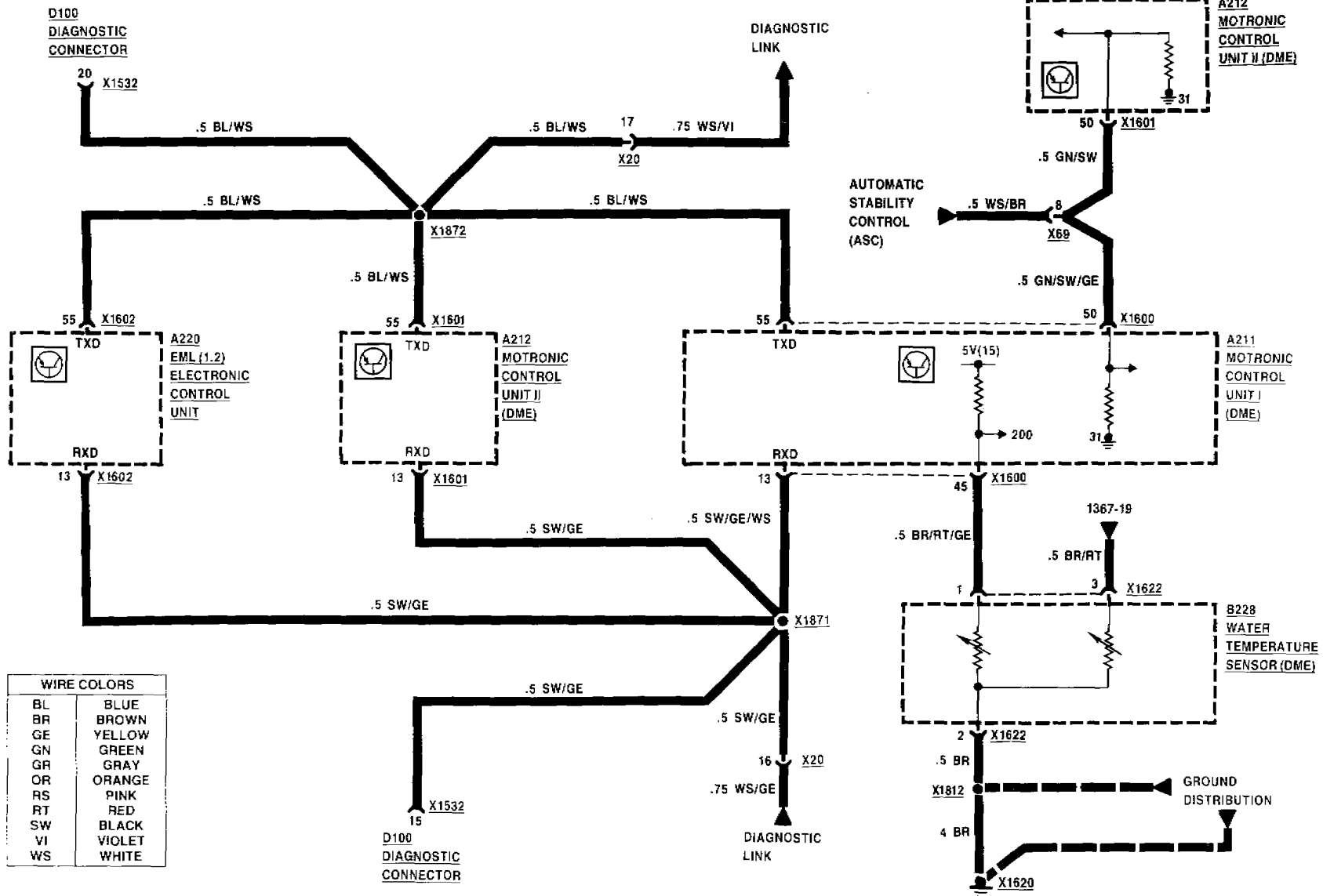




# INJECTION ELECTRONICS (DME/EML 1.2)

## MOTRONIC CONTROL UNIT I

750iL



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



# INJECTION ELECTRONICS (DME/EML 1.2)

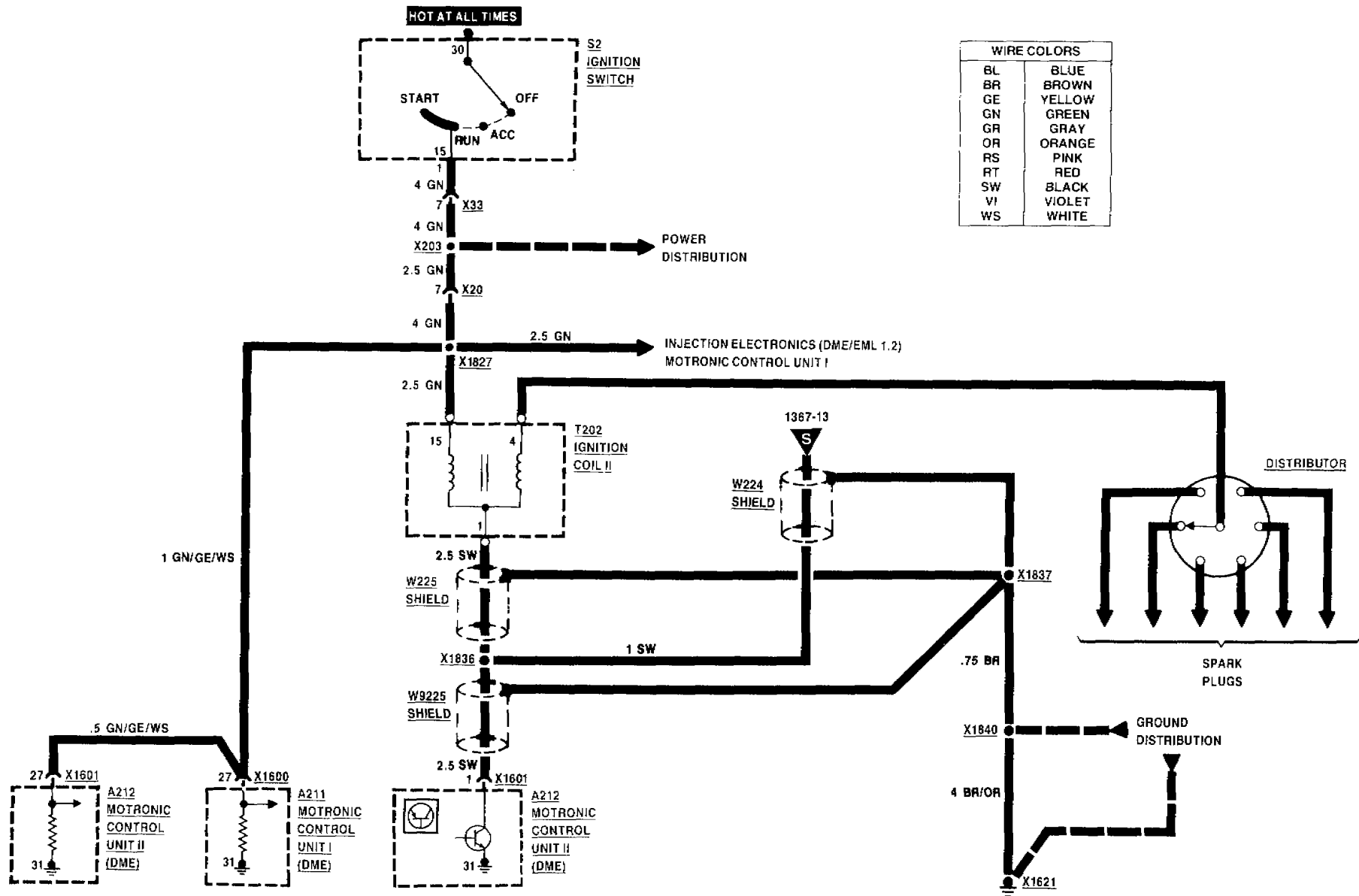
750iL

## MOTRONIC CONTROL UNIT II

09/89

1367-11

1990



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

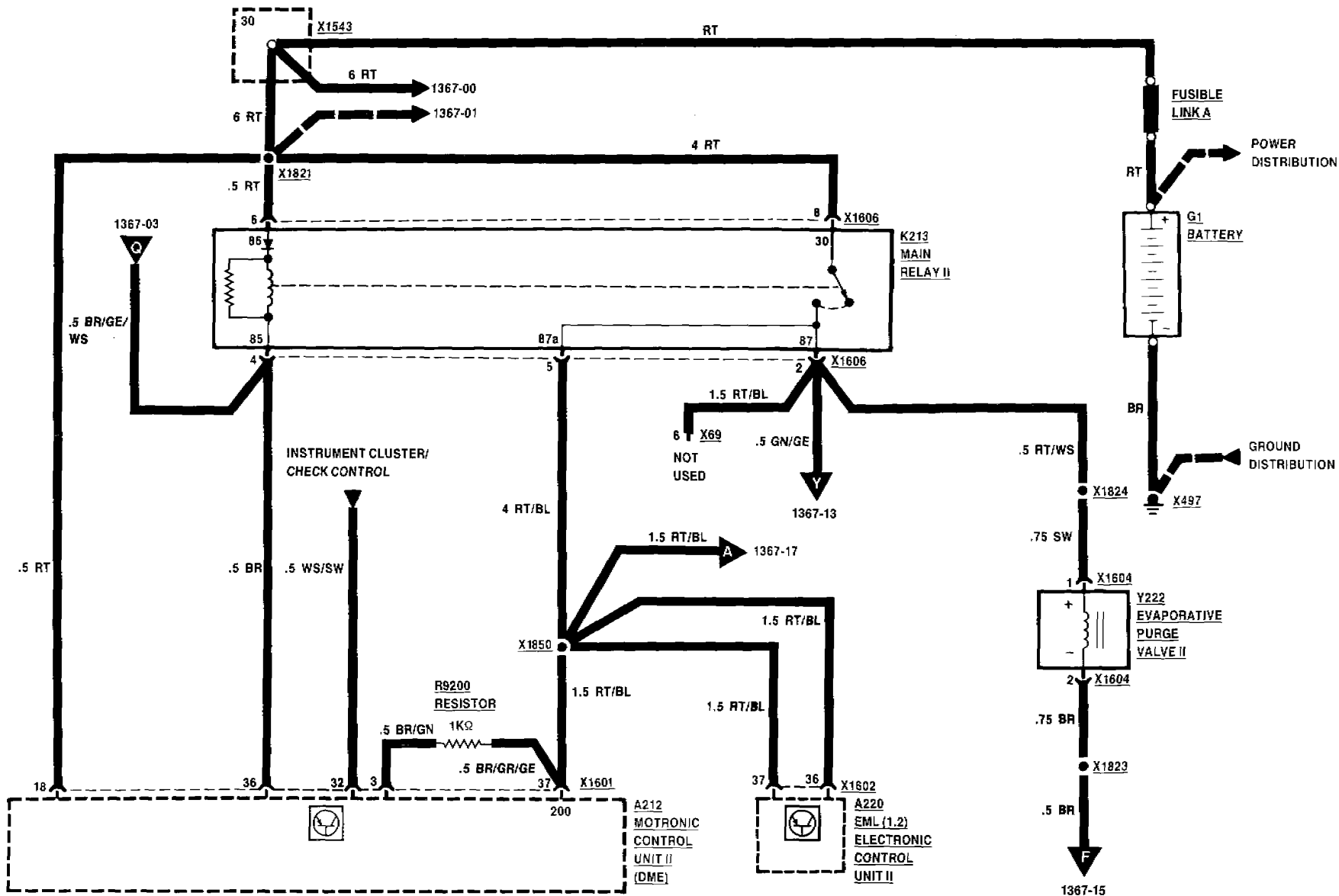




# INJECTION ELECTRONICS (DME/EML 1.2)

750iL

## MOTRONIC CONTROL UNIT II



09/89

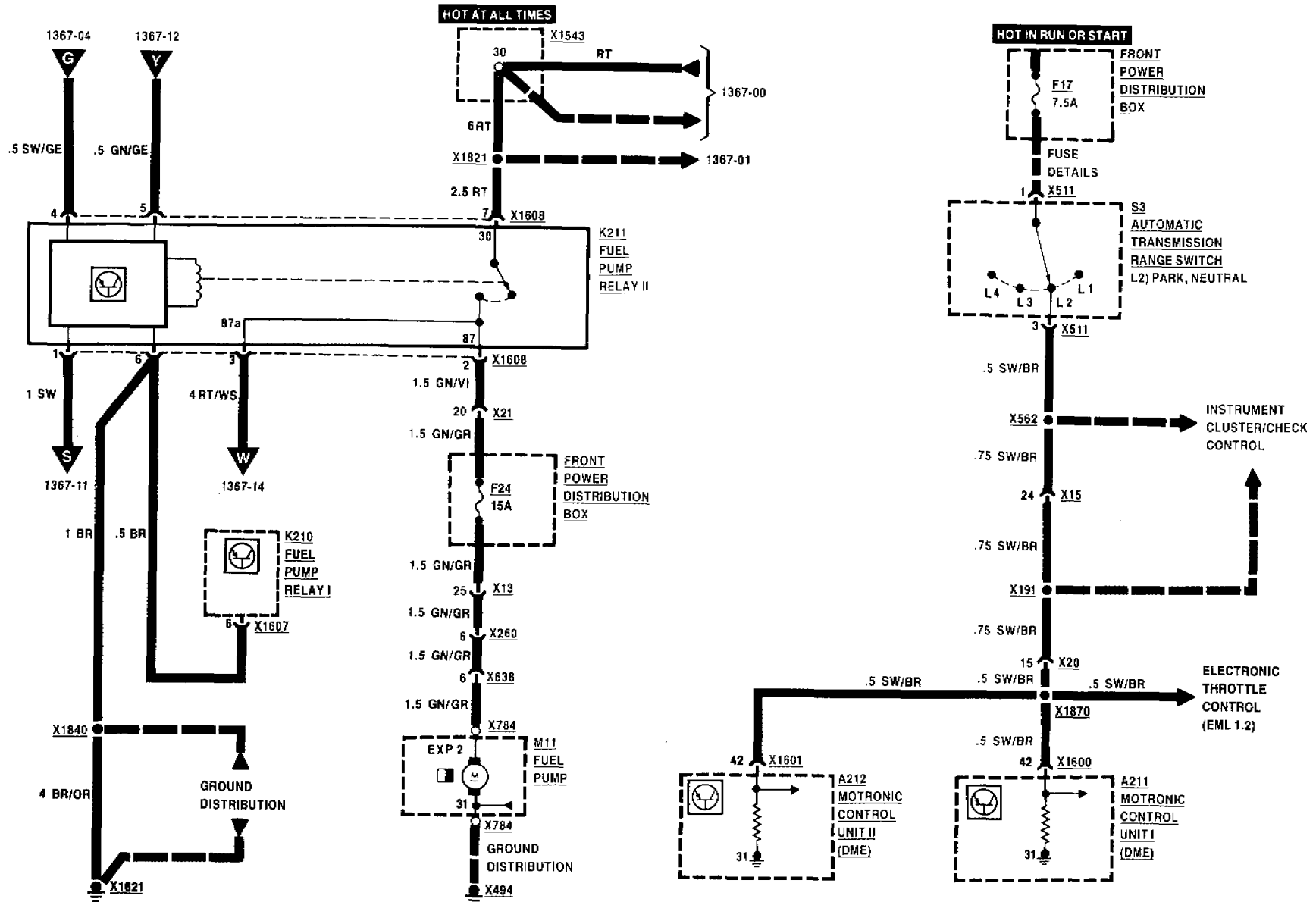
1367-12

1990



# INJECTION ELECTRONICS (DME/EML 1.2) MOTRONIC CONTROL UNIT II

750iL



09/89

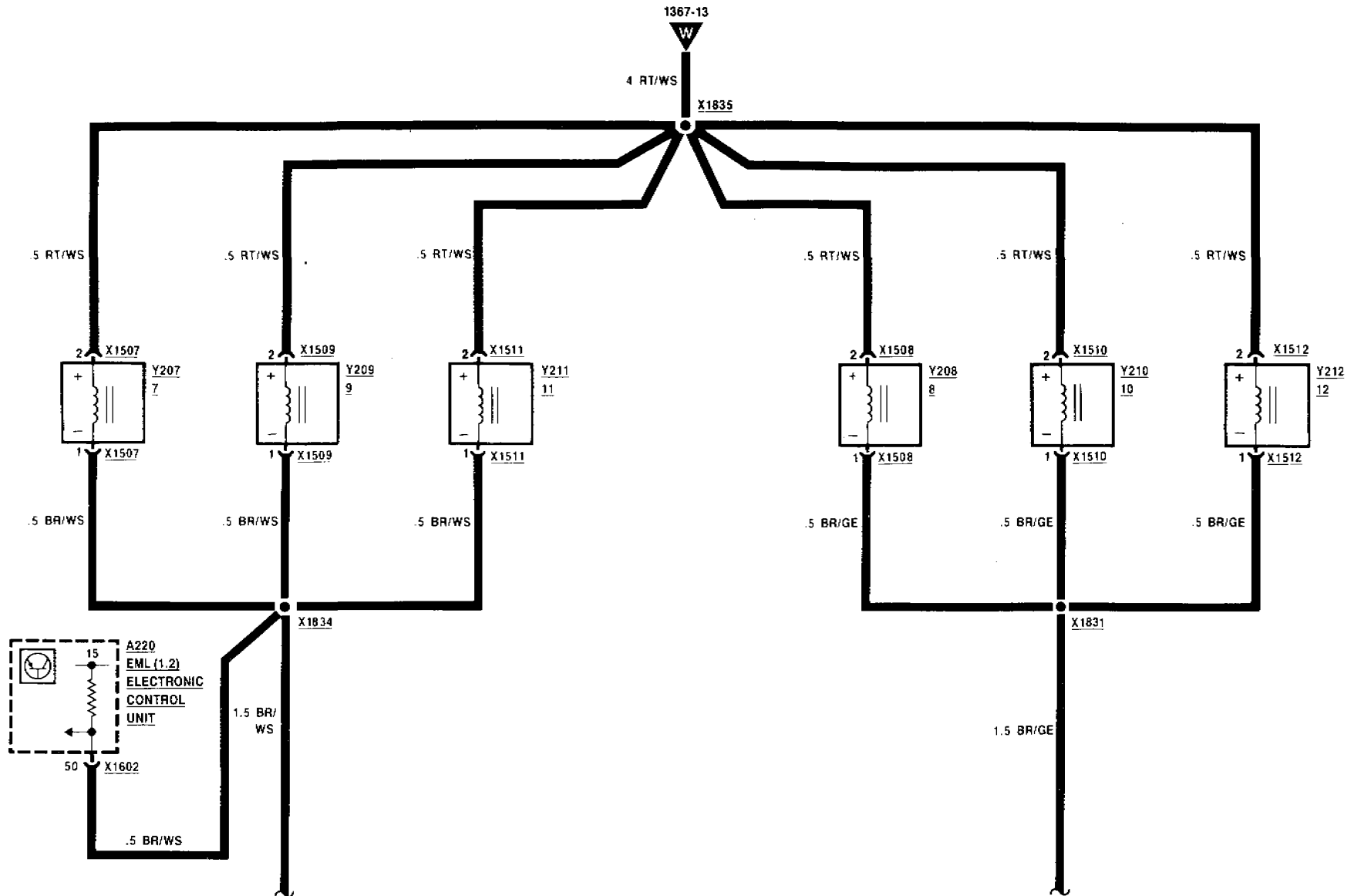
1367-13

1990



# INJECTION ELECTRONICS (DME/EML 1.2) MOTRONIC CONTROL UNIT II

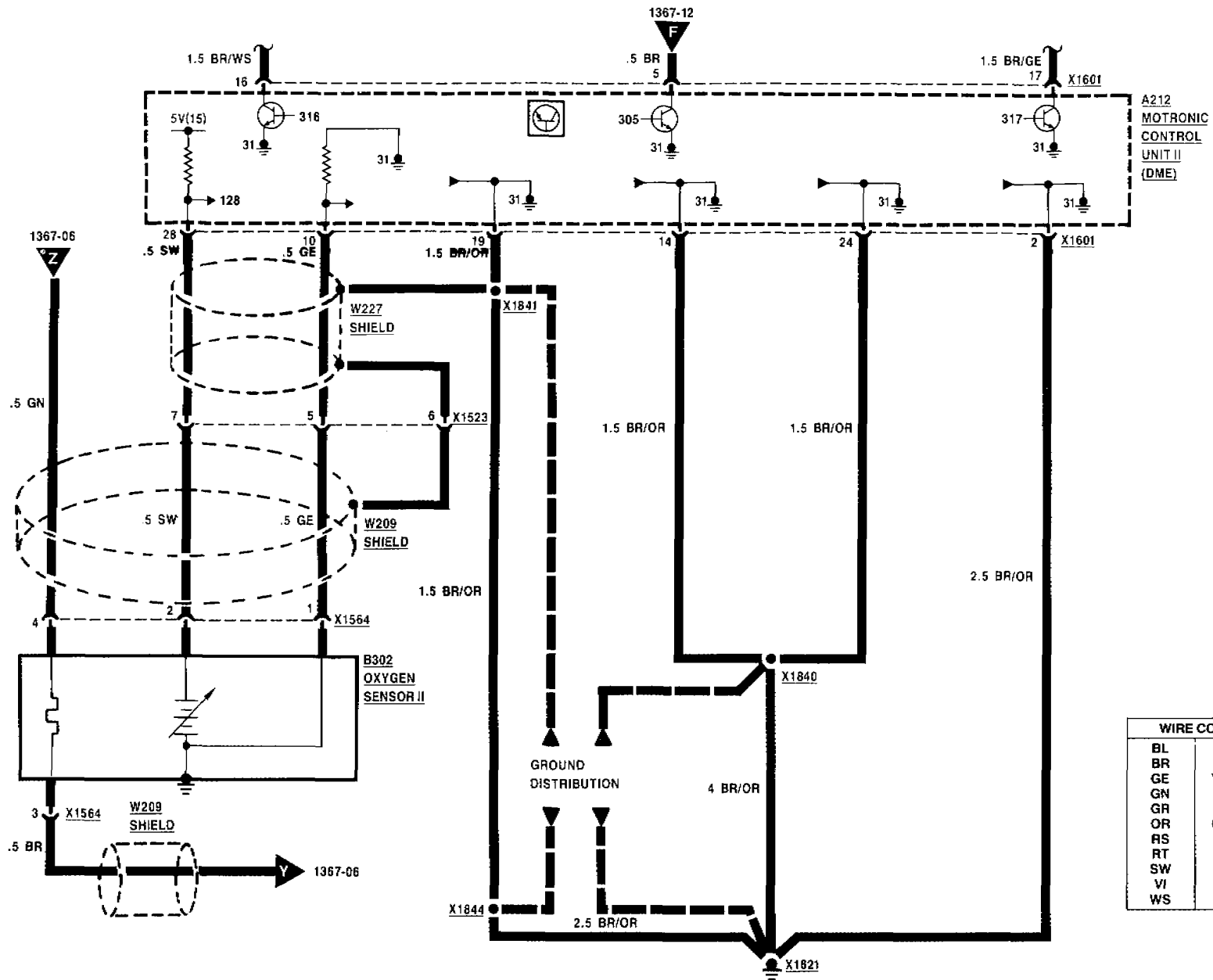
750iL



09/88

1367-14

1989



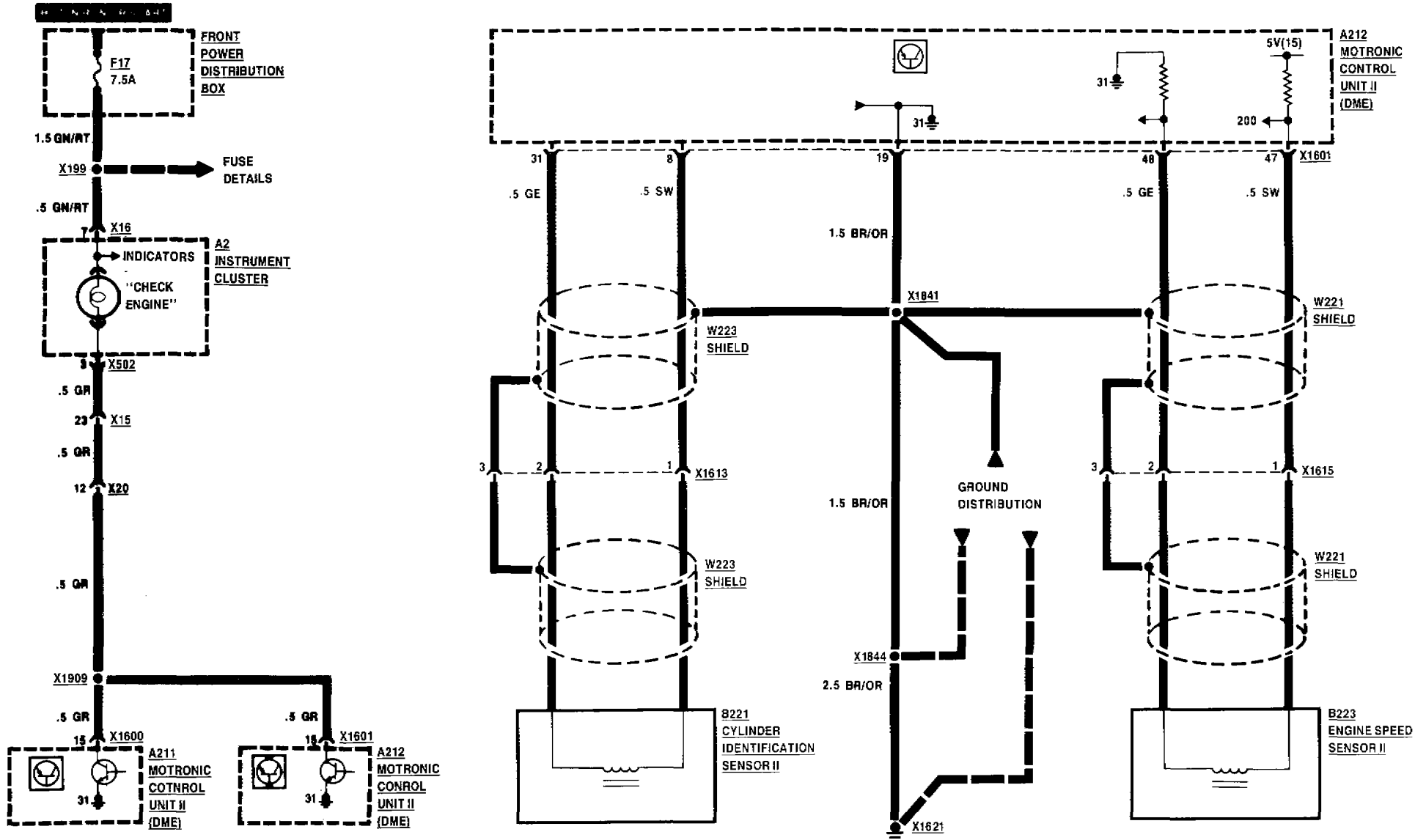
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# INJECTION ELECTRONICS (DME/EML 1.2)

750iL

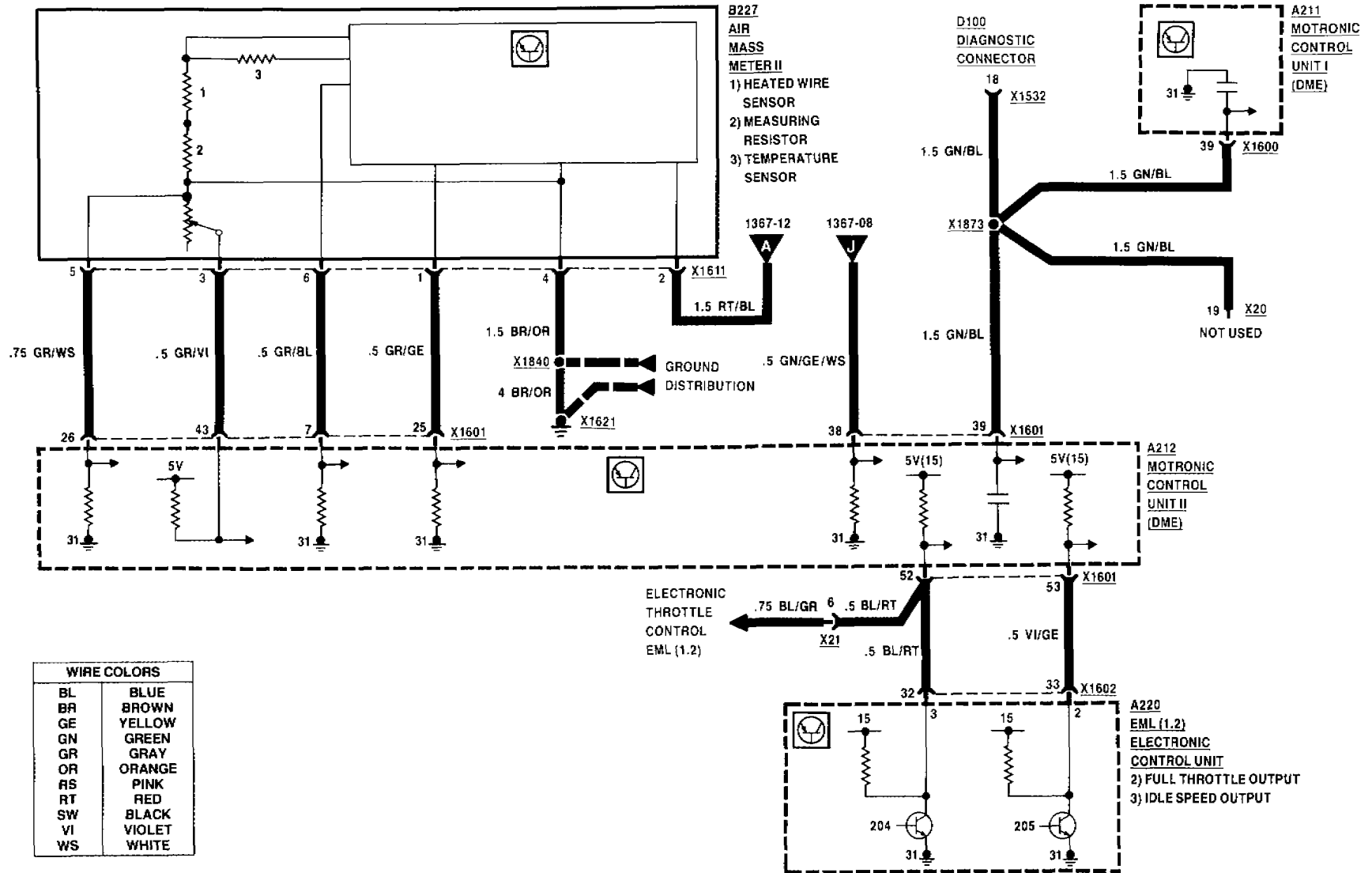
## MOTRONIC CONTROL UNIT II





# INJECTION ELECTRONICS (DME/EML 1.2) MOTRONIC CONTROL UNIT II

750iL



09/89

1367-17

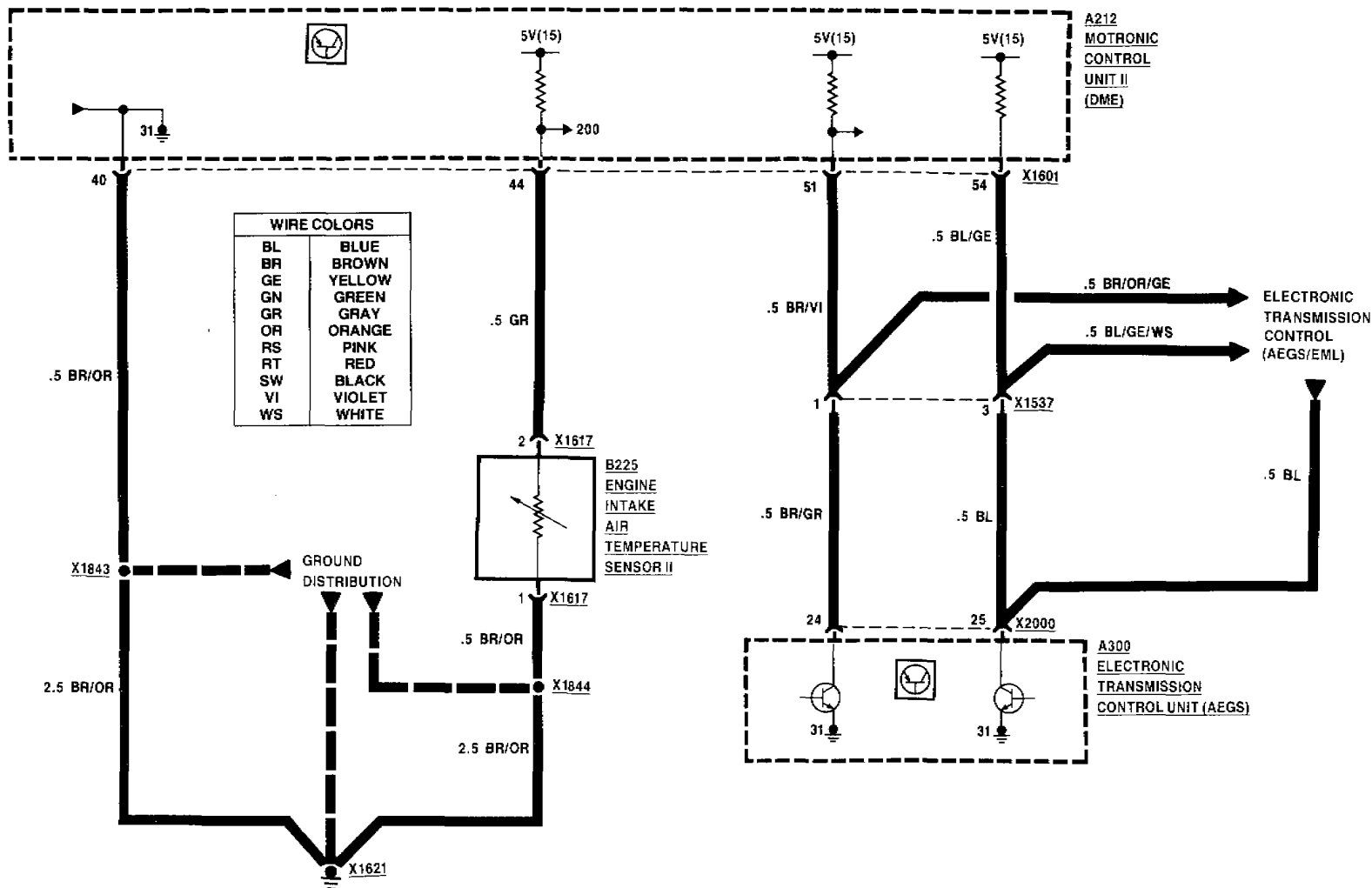
1990



# INJECTION ELECTRONICS (DME/EML 1.2)

## MOTRONIC CONTROL UNIT II

750iL





# INJECTION ELECTRONICS (DME/EML 1.2)

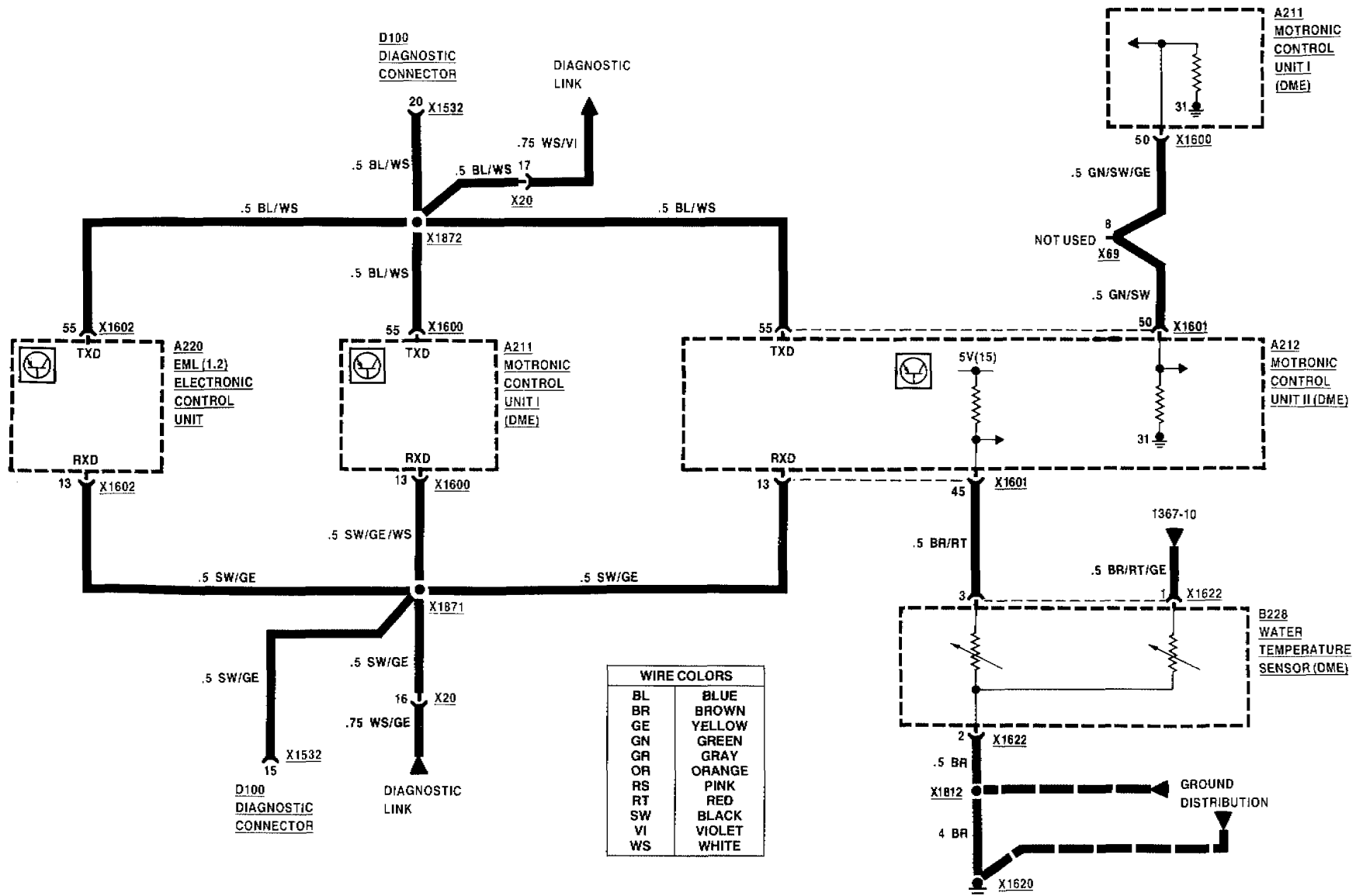
750iL

## MOTRONIC CONTROL UNIT II

09/89

1367-19

1990

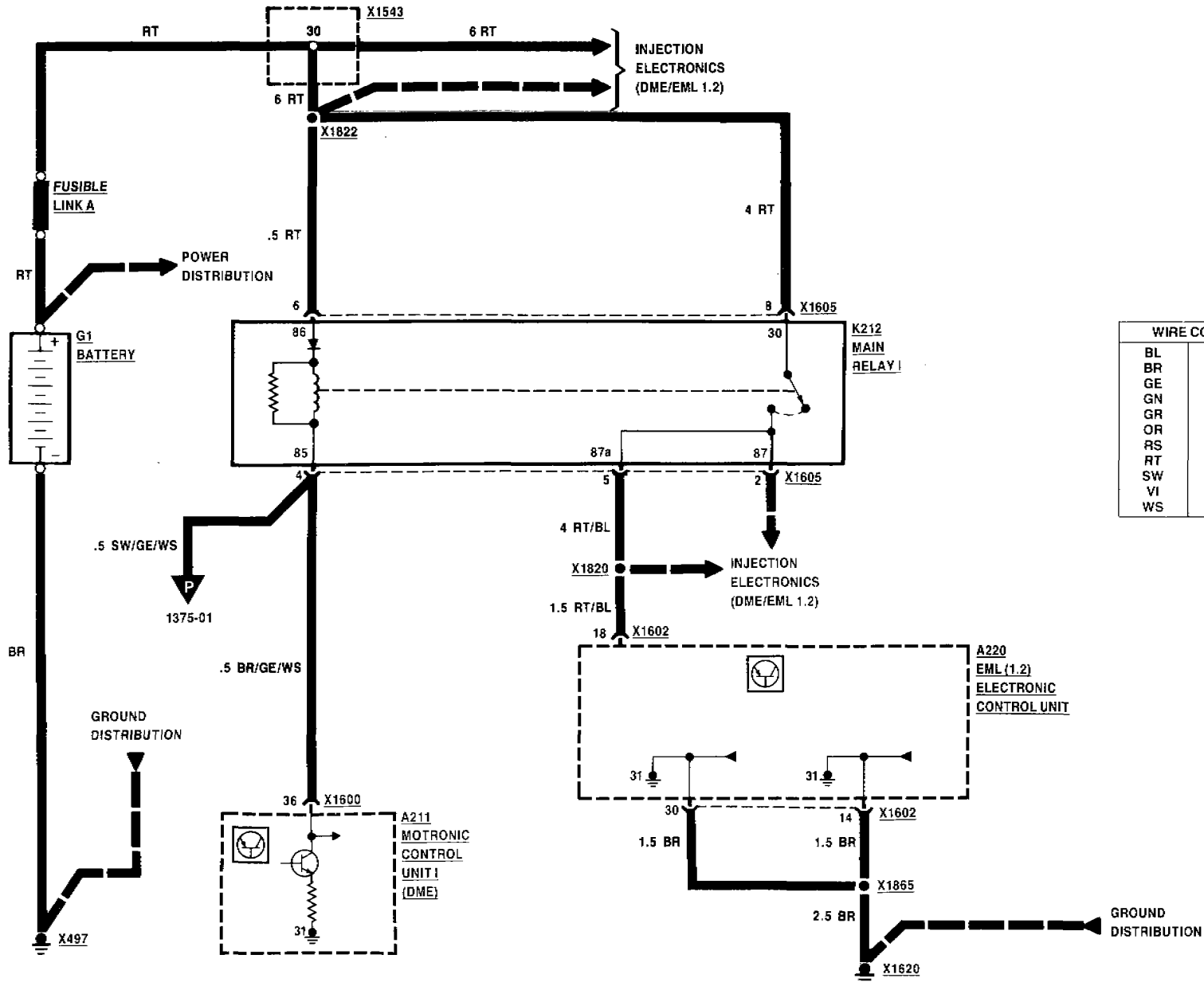






# ELECTRONIC THROTTLE CONTROL (EML 1.2)

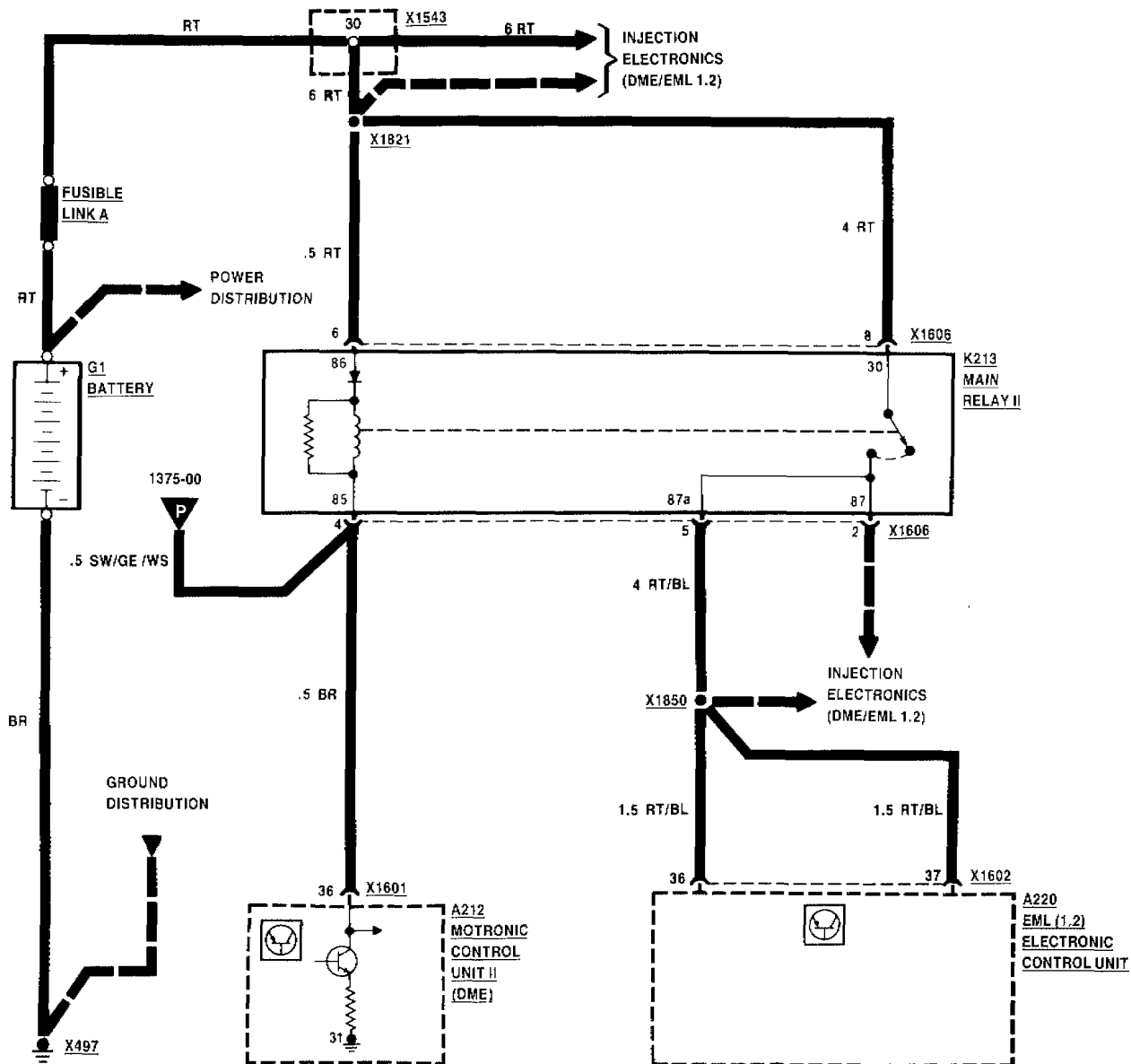
750iL





# ELECTRONIC THROTTLE CONTROL (EML 1.2)

750iL

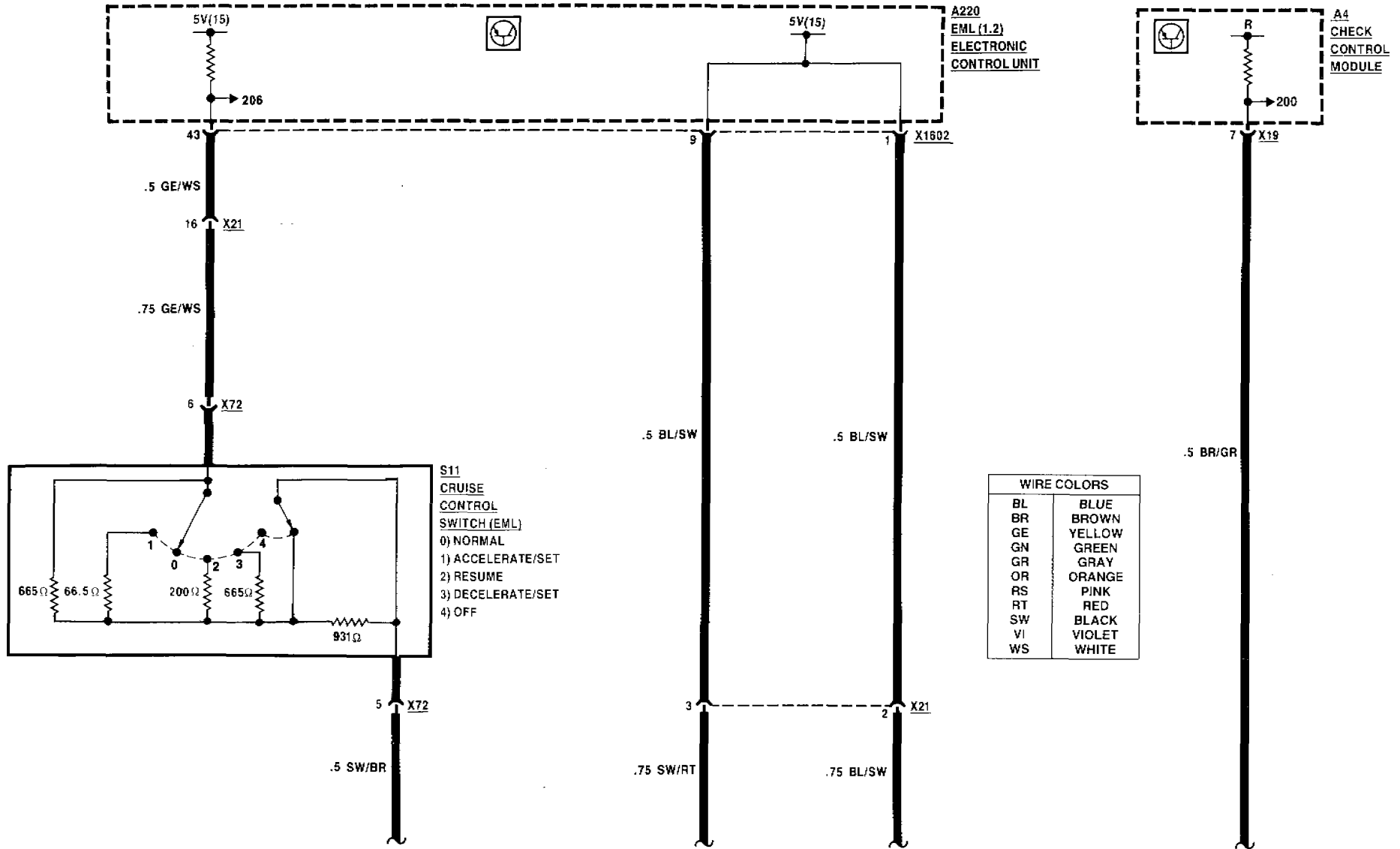


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

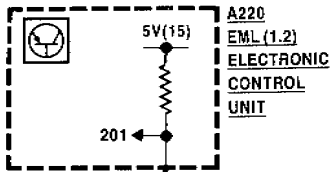


# ELECTRONIC THROTTLE CONTROL (EML 1.2)

750iL



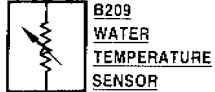
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



45 X1602

.5 BR/RT

1 X1555



2 X1555

.5 BL/VI

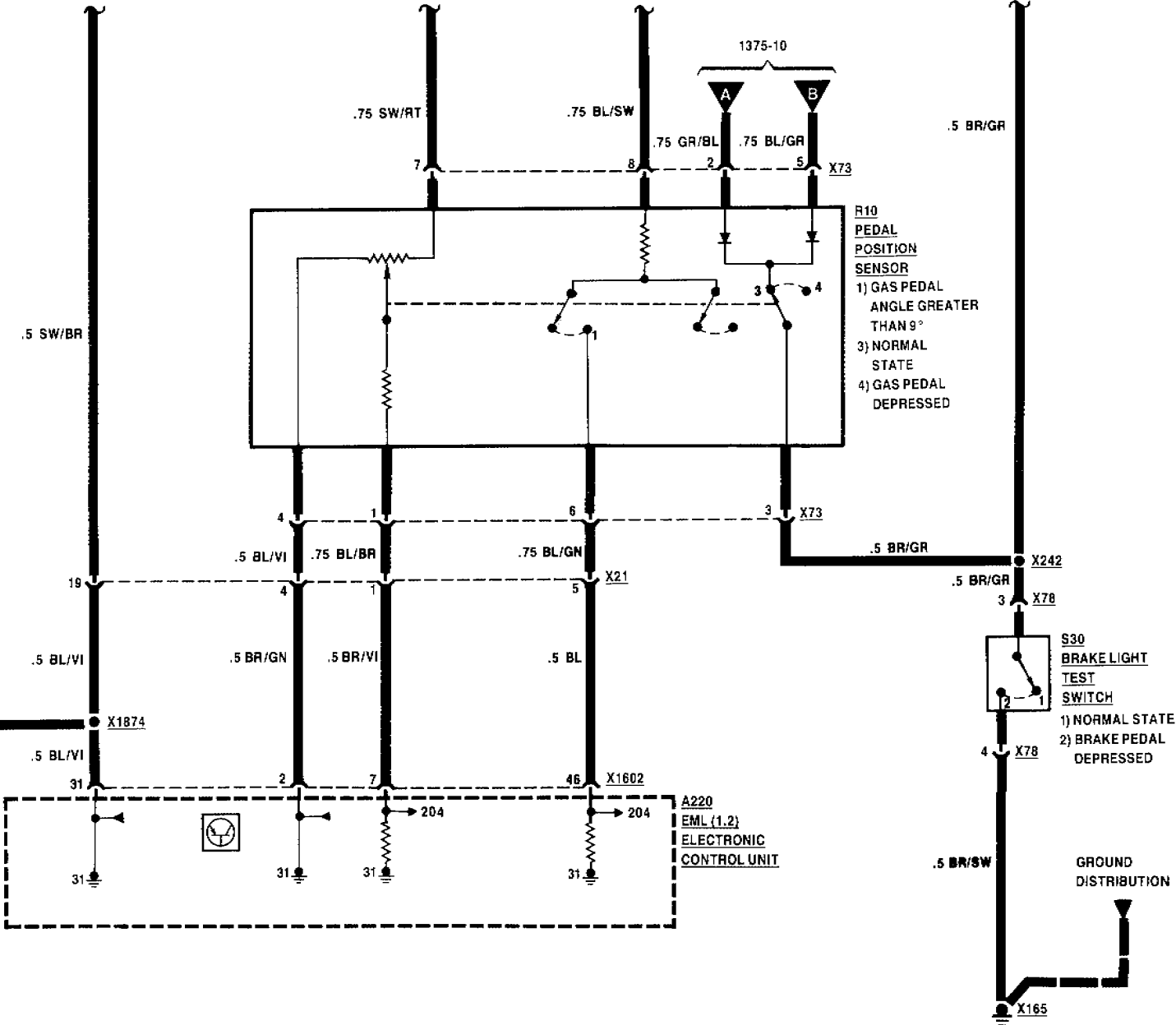
.5 SW/BR

.5 BL/VI

.5 BL/VI

X1874

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



R10  
PEDAL  
POSITION  
SENSOR  
1) GAS PEDAL  
ANGLE GREATER  
THAN 9°  
3) NORMAL  
STATE  
4) GAS PEDAL  
DEPRESSED

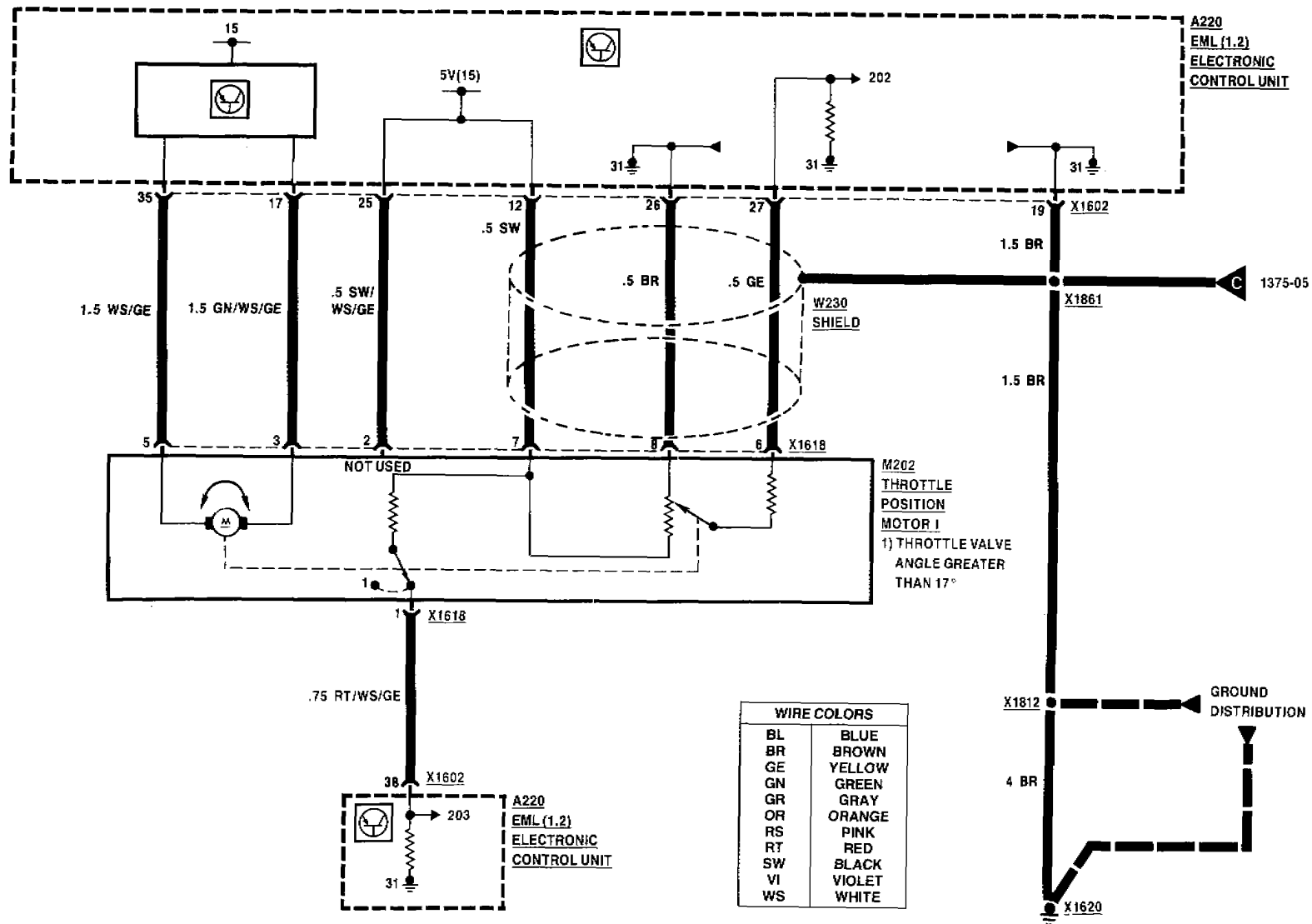
S30  
BRAKE LIGHT  
TEST  
SWITCH  
1) NORMAL STATE  
2) BRAKE PEDAL  
DEPRESSED

GROUND  
DISTRIBUTION



# ELECTRONIC THROTTLE CONTROL (EML 1.2)

750iL



09/89

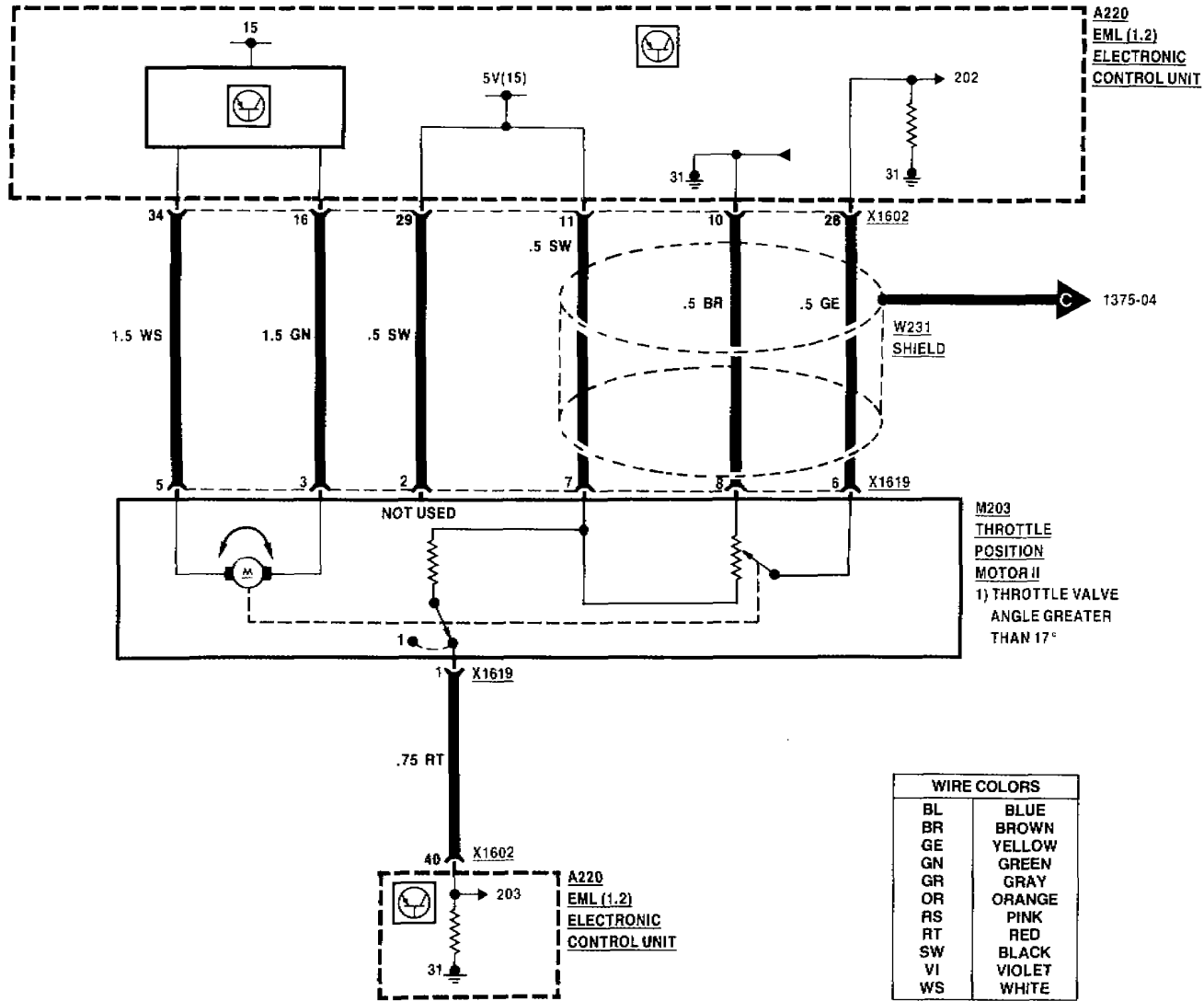
1375-04

1990



# ELECTRONIC THROTTLE CONTROL (EML 1.2)

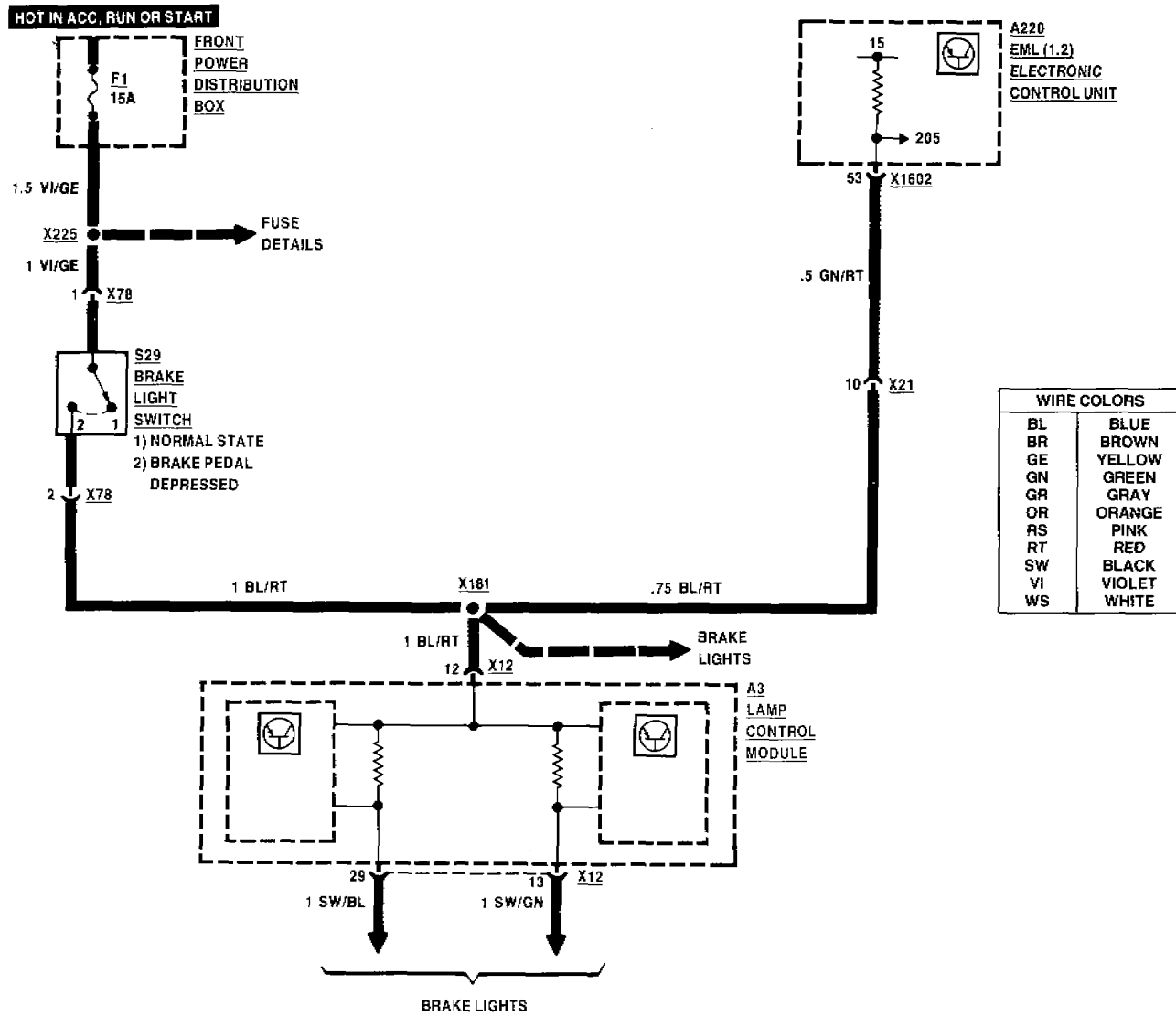
## 750iL





# ELECTRONIC THROTTLE CONTROL (EML 1.2)

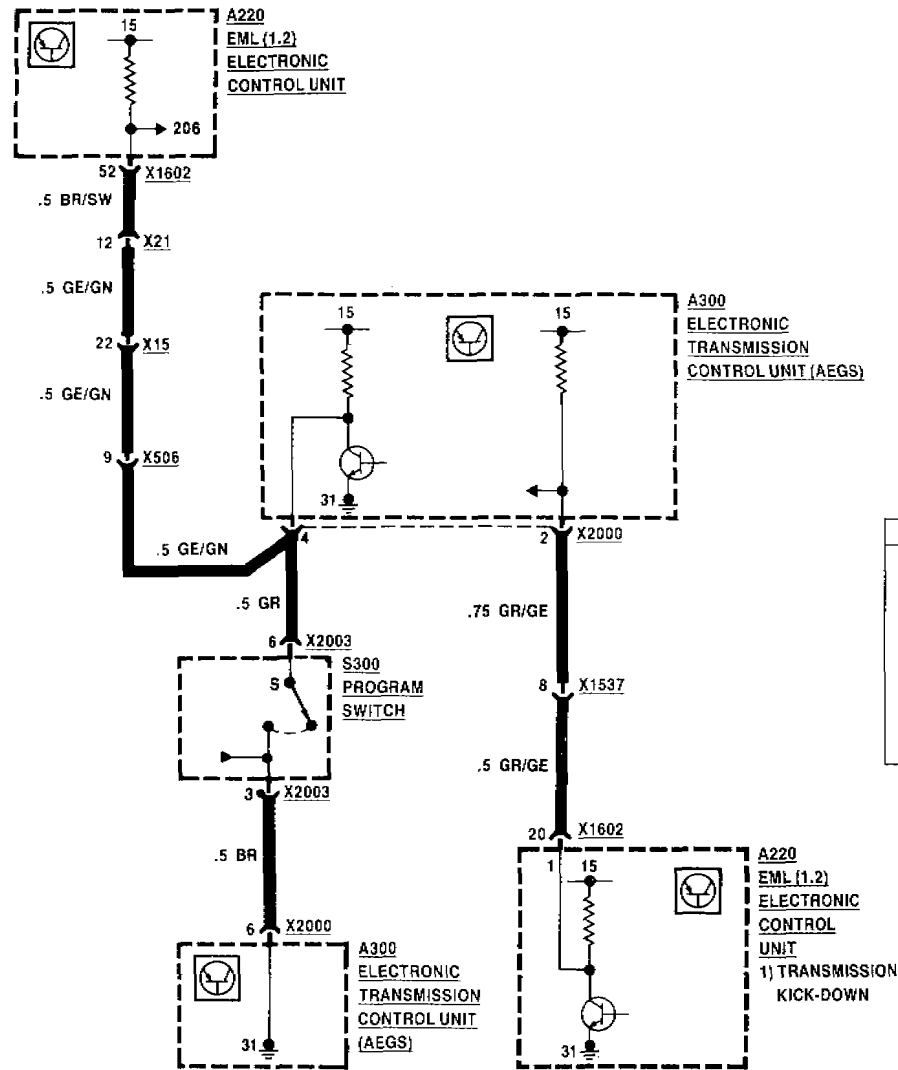
## 750iL





# ELECTRONIC THROTTLE CONTROL (EML 1.2)

750iL



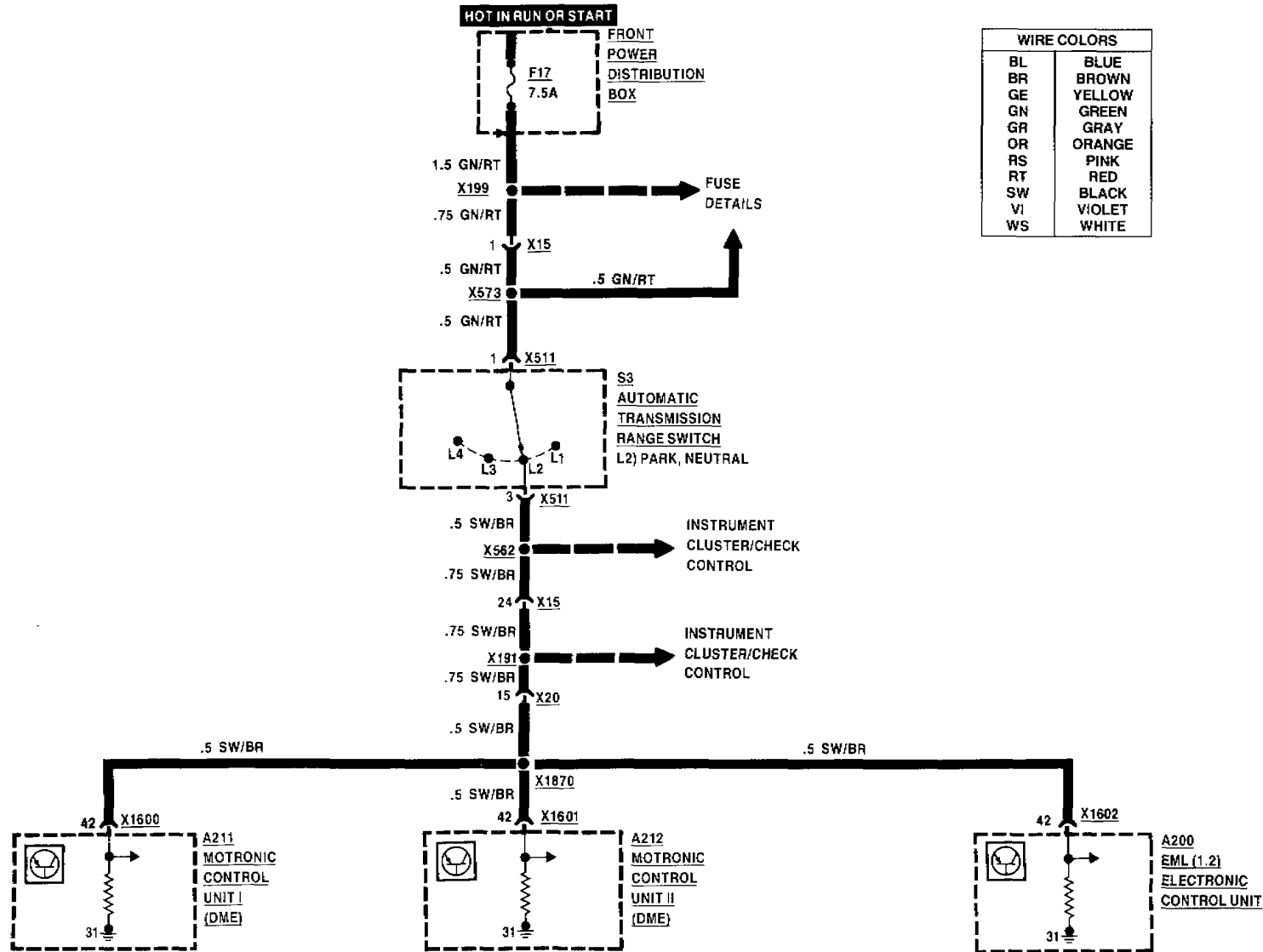
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# ELECTRONIC THROTTLE CONTROL (EML 1.2)

750iL



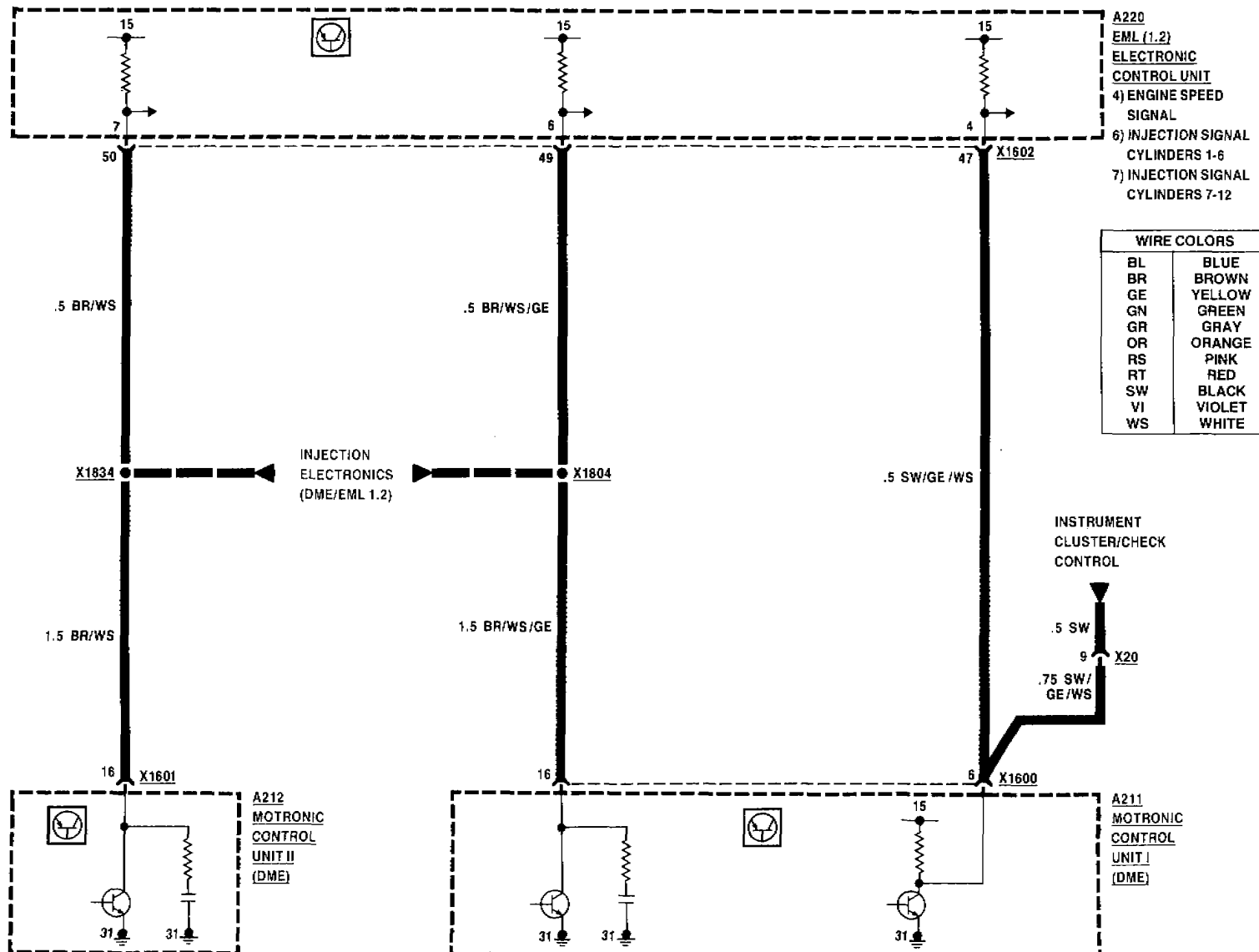
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

09/89 — 1375-08 — 1990



# ELECTRONIC THROTTLE CONTROL (EML 1.2)

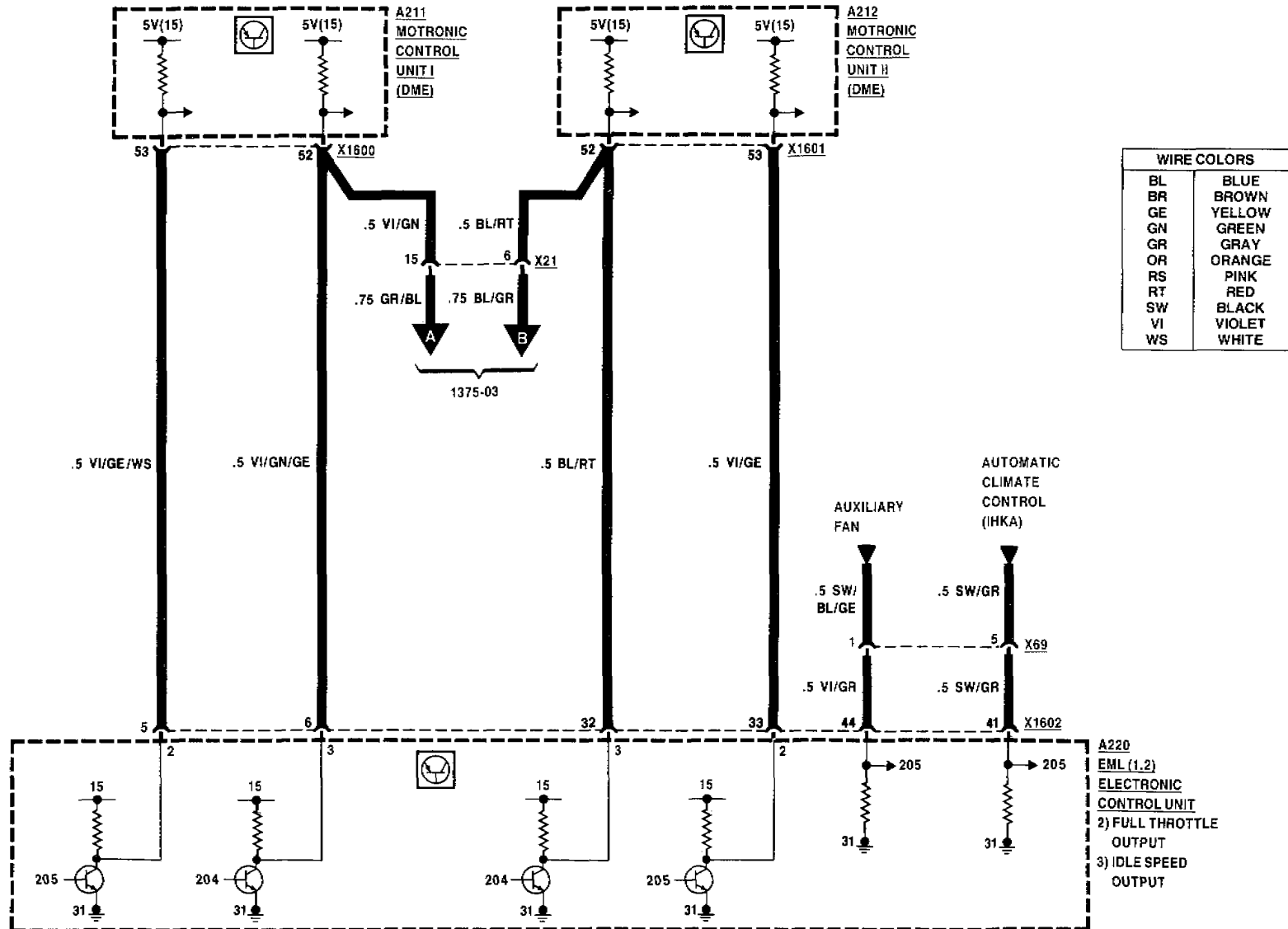
## 750iL





# ELECTRONIC THROTTLE CONTROL (EML 1.2)

750iL

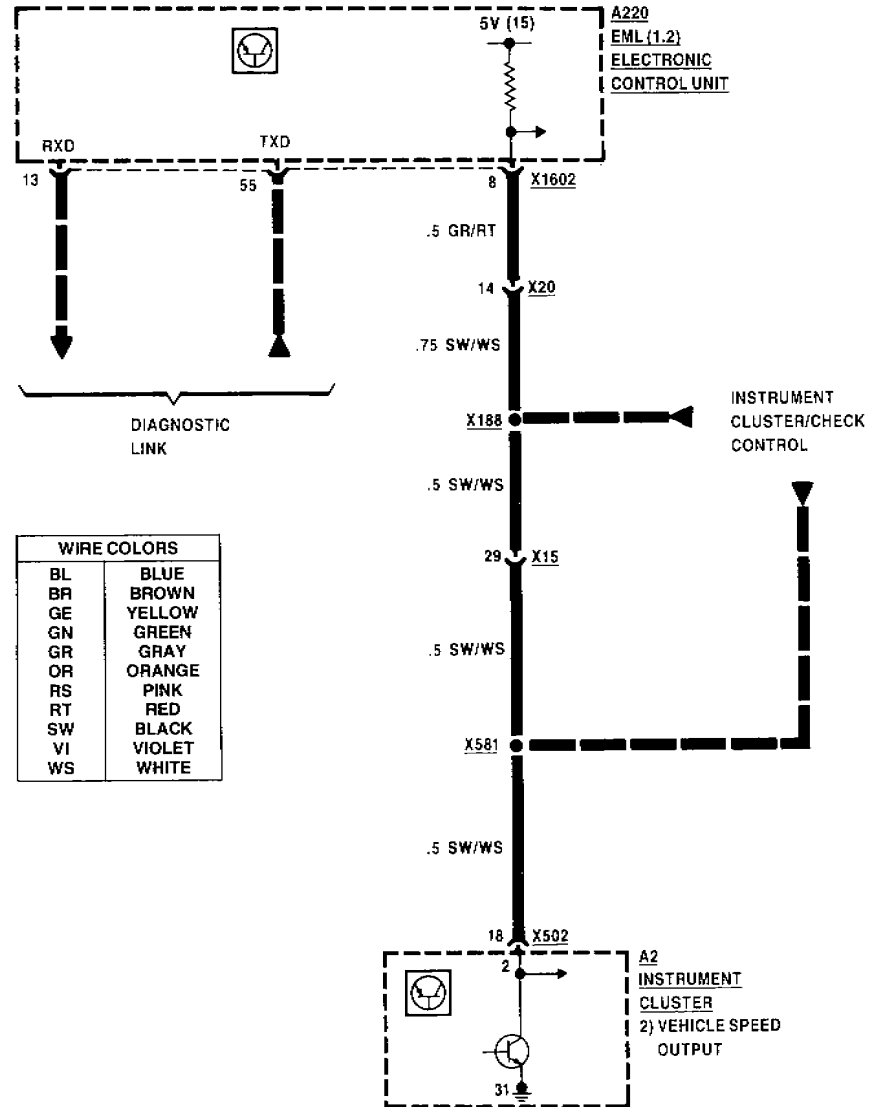
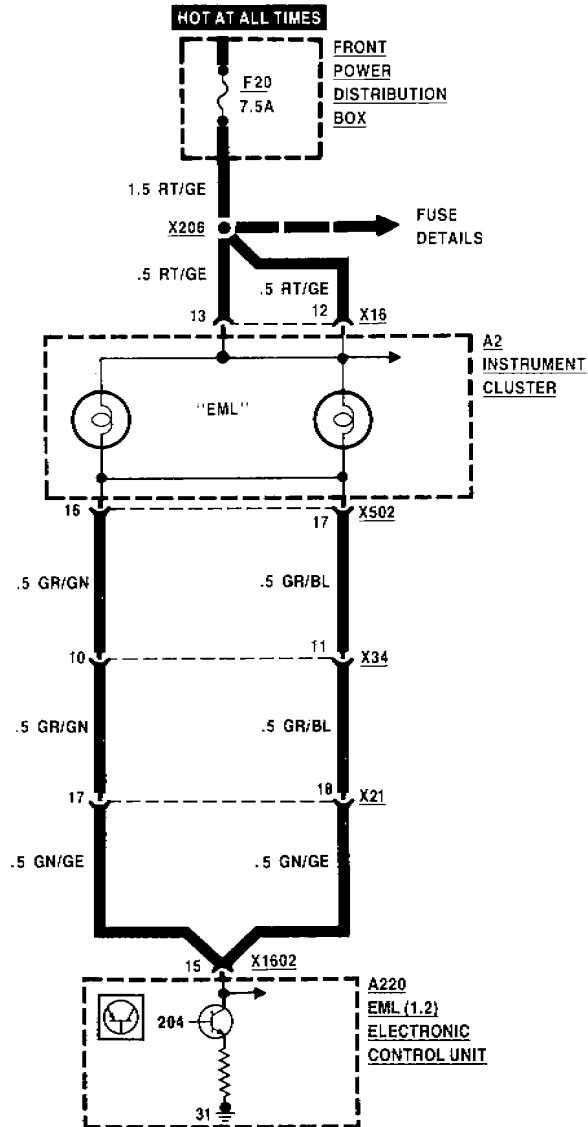


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# ELECTRONIC THROTTLE CONTROL (EML 1.2)

750iL

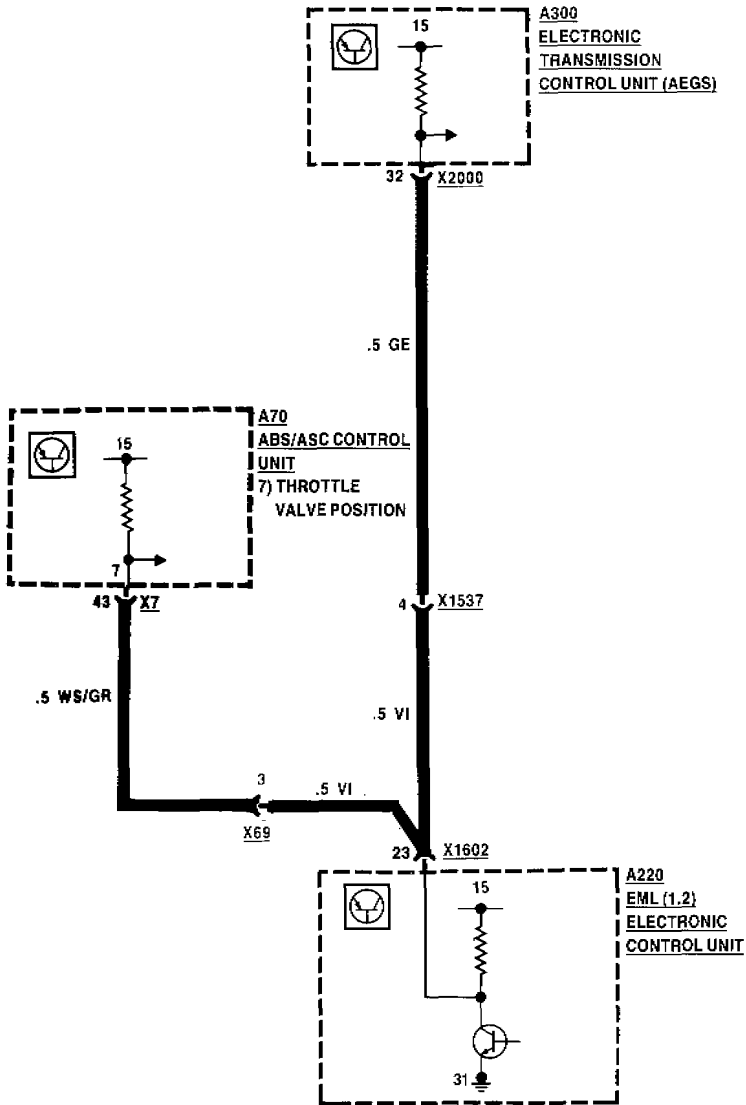


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

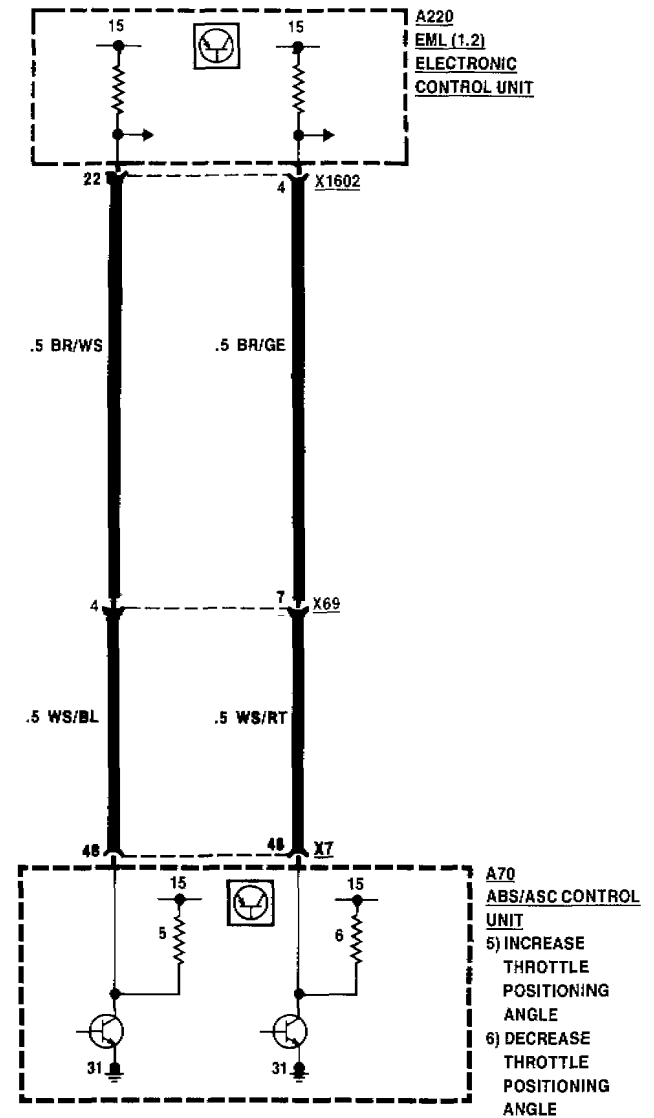


# ELECTRONIC THROTTLE CONTROL (EML 1.2)

## 750iL



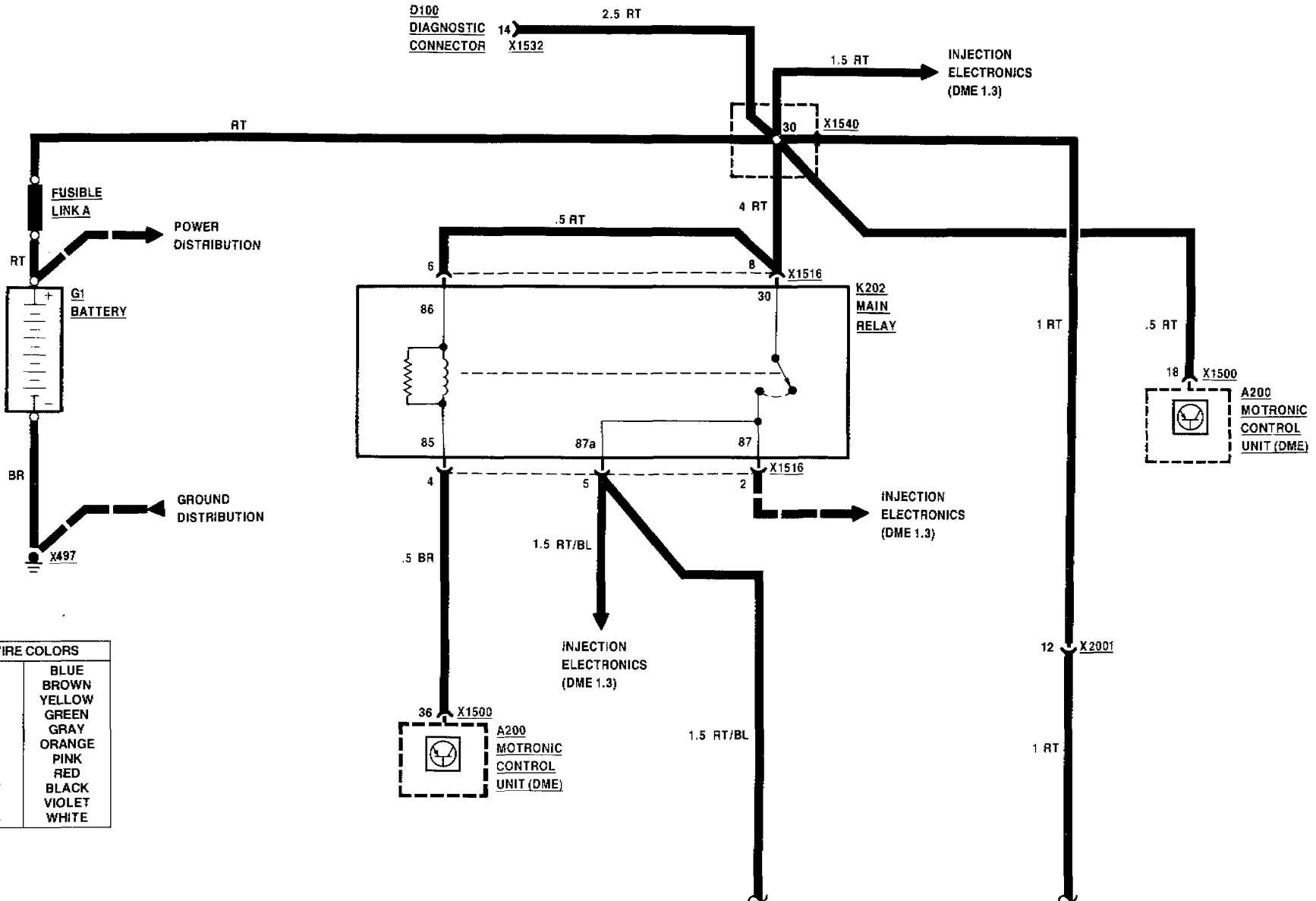
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





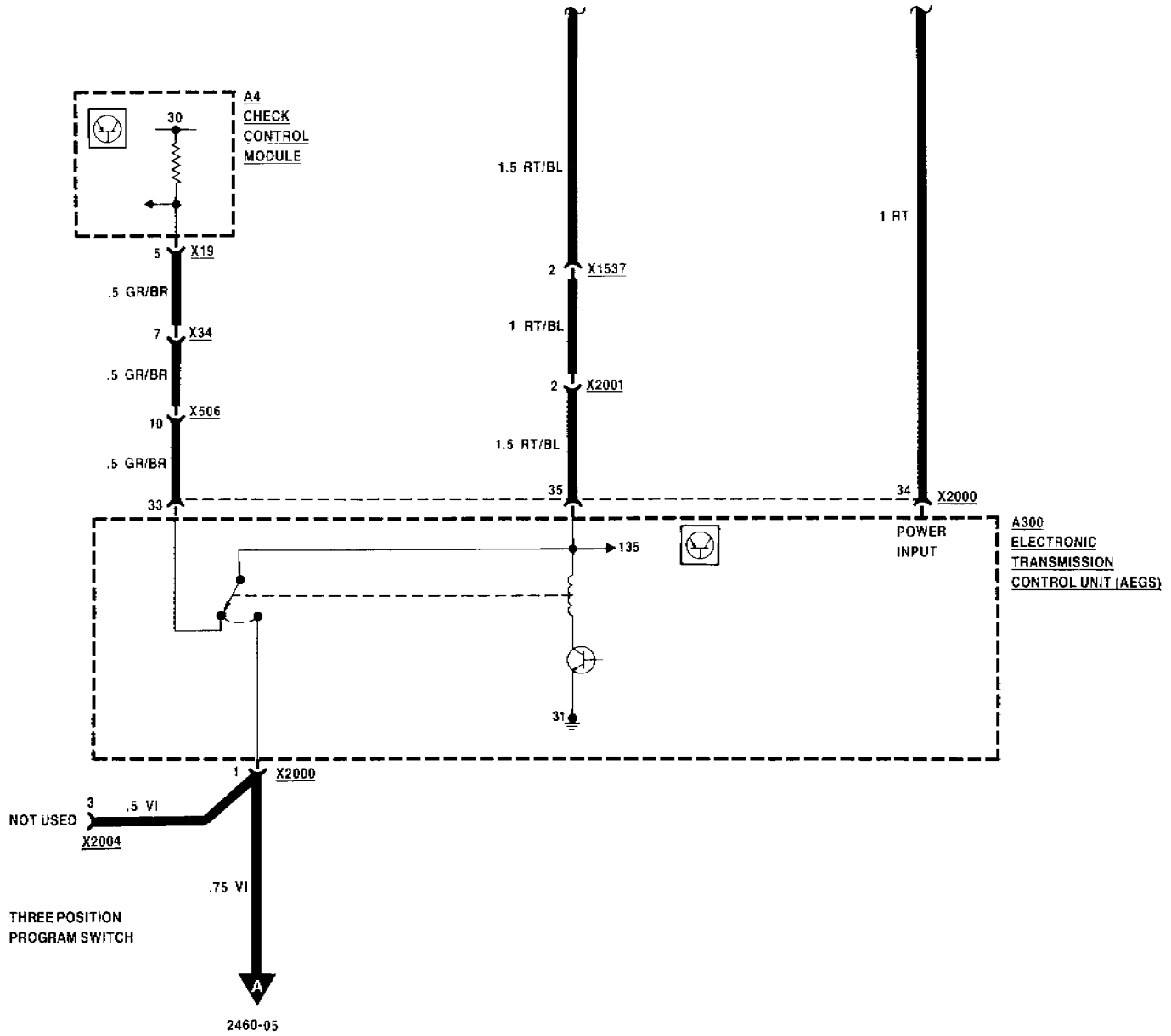
# ELECTRONIC TRANSMISSION CONTROL (AEGS)

## 735i, 735iL



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

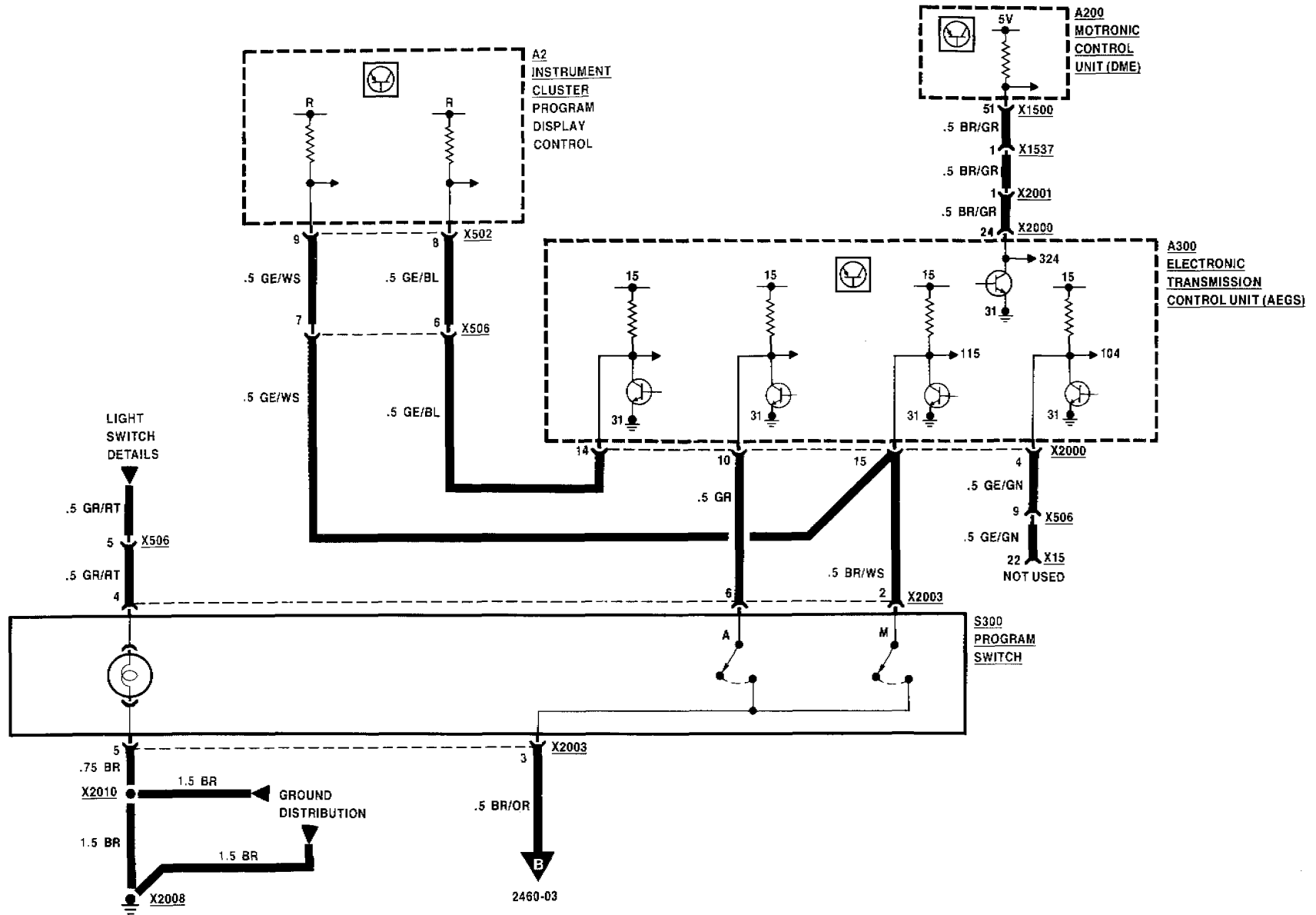
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





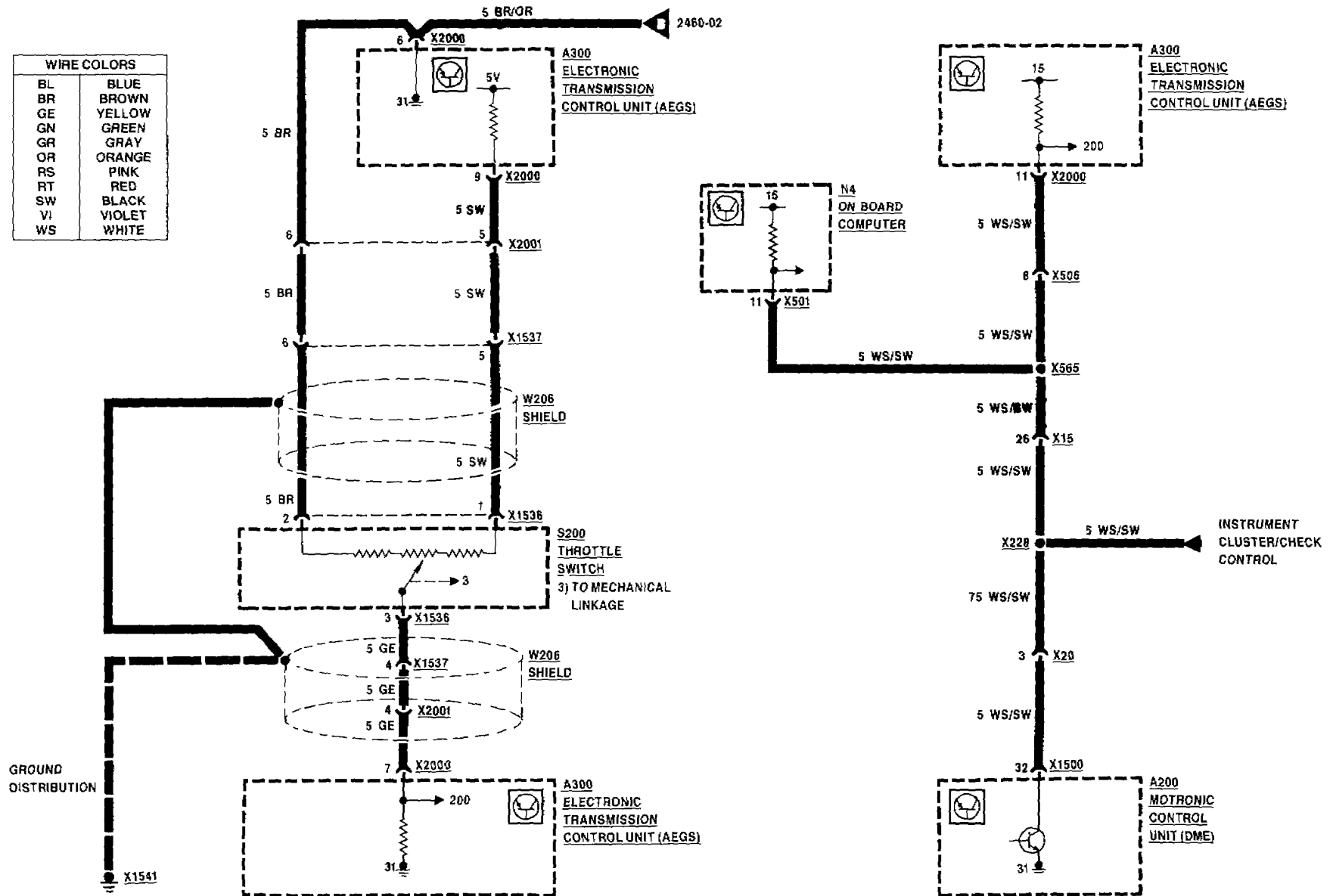
# ELECTRONIC TRANSMISSION CONTROL (AEGS)

735i, 735iL





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





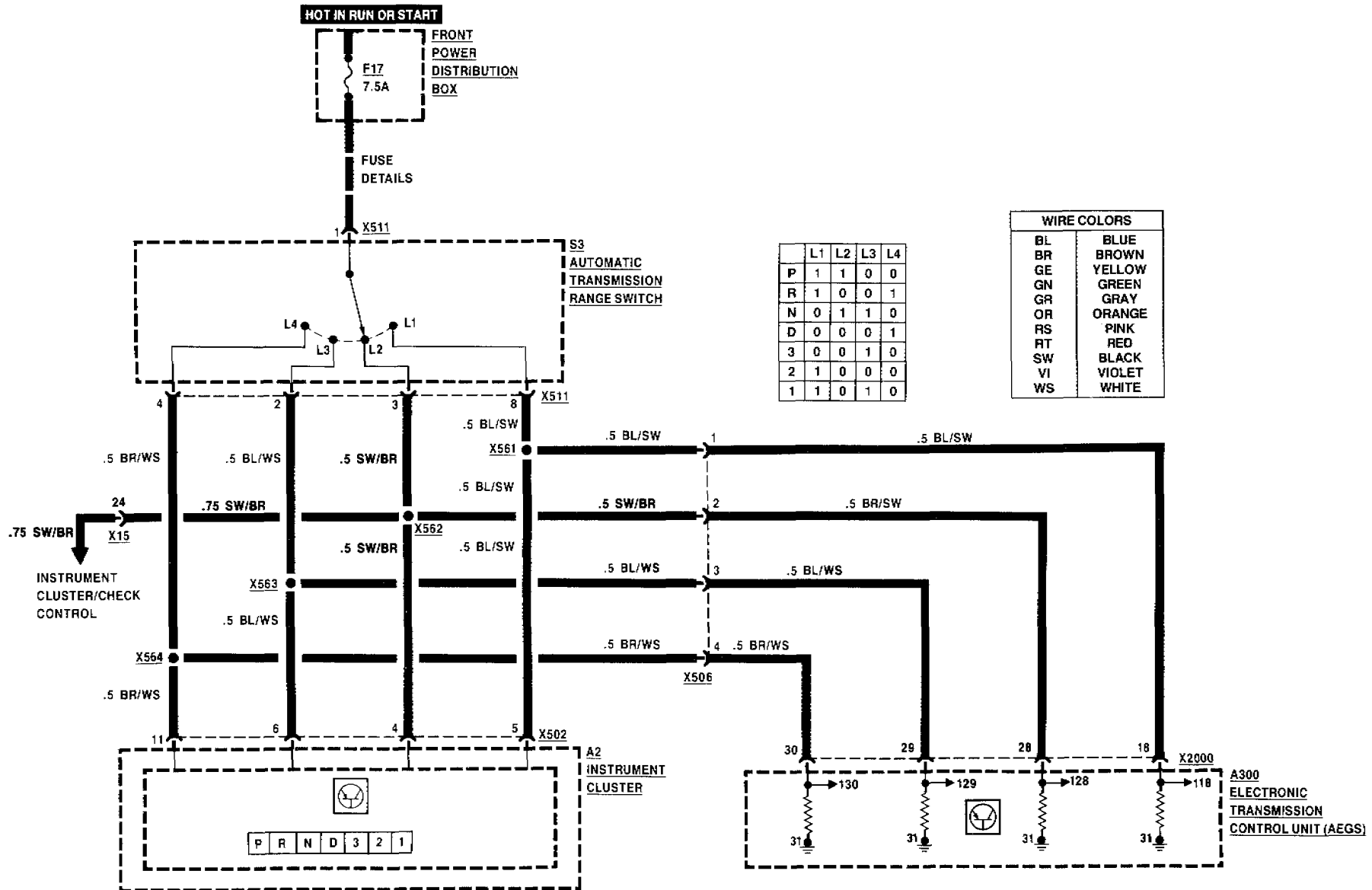
# ELECTRONIC TRANSMISSION CONTROL (AEGS)

## 735i, 735iL

09/89

2460-04

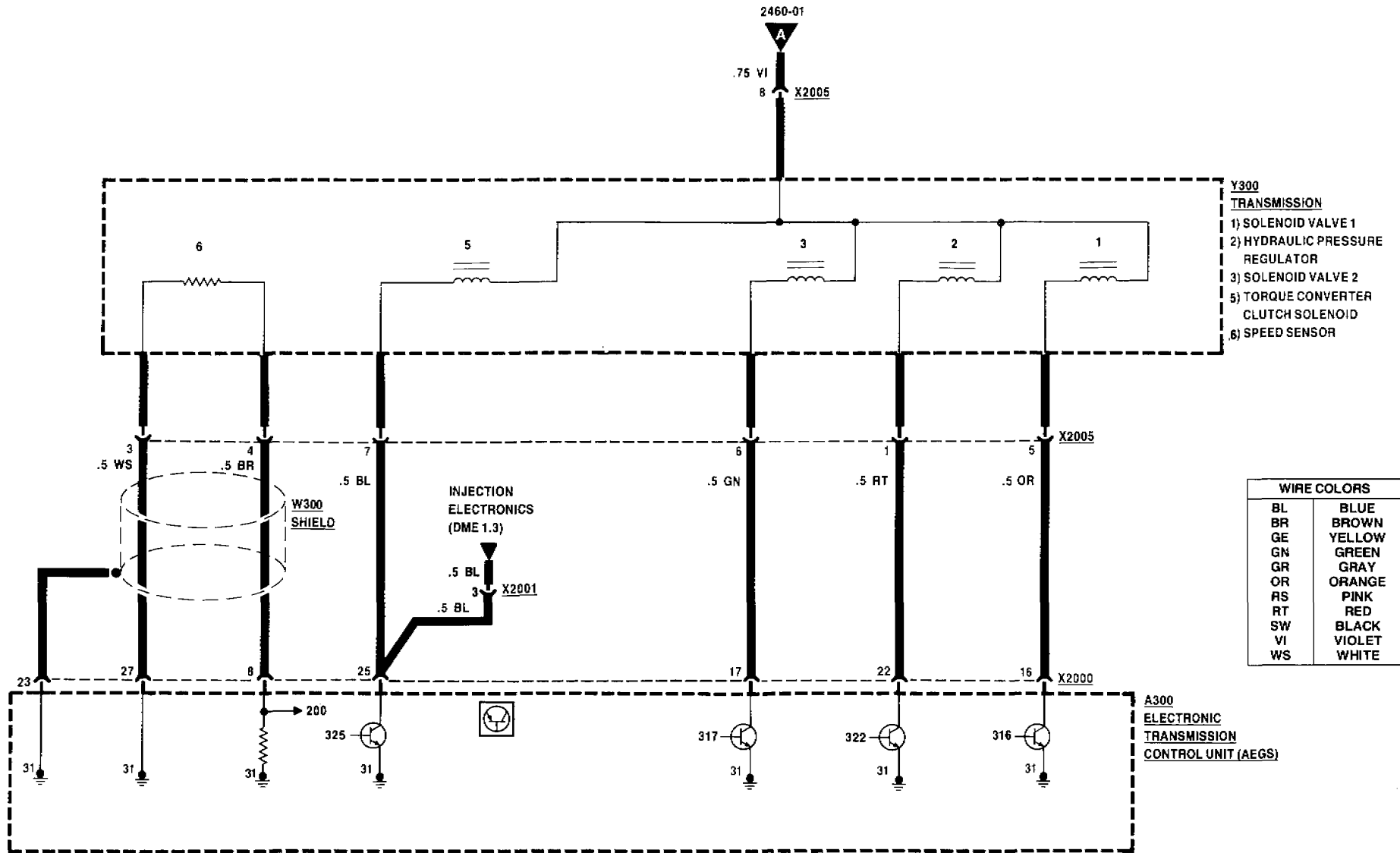
1990





# ELECTRONIC TRANSMISSION CONTROL (AEGS)

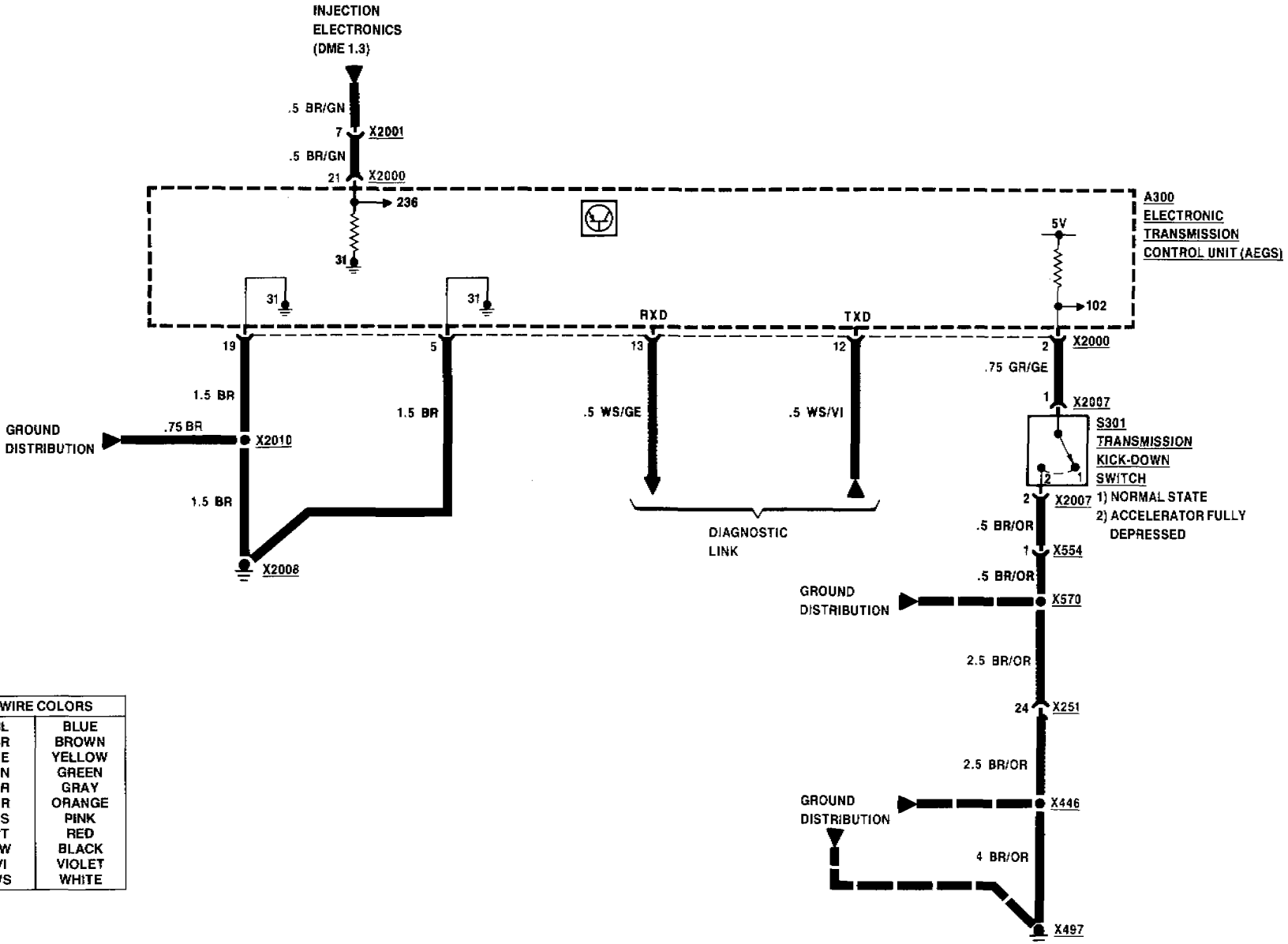
## 735i, 735iL





# ELECTRONIC TRANSMISSION CONTROL (AEGS)

## 735i, 735iL

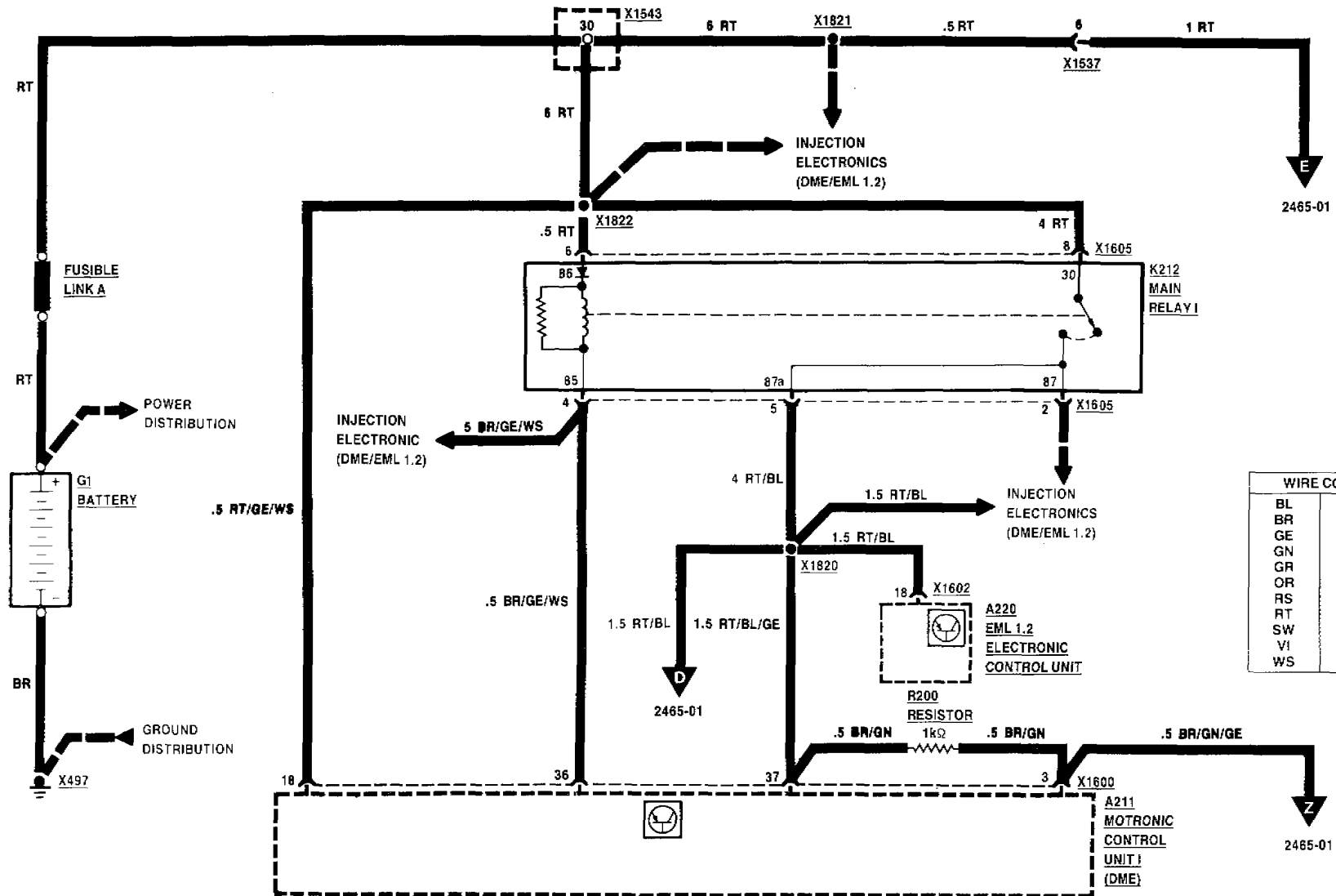


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# ELECTRONIC TRANSMISSION CONTROL (AEGS/EML)

750iL

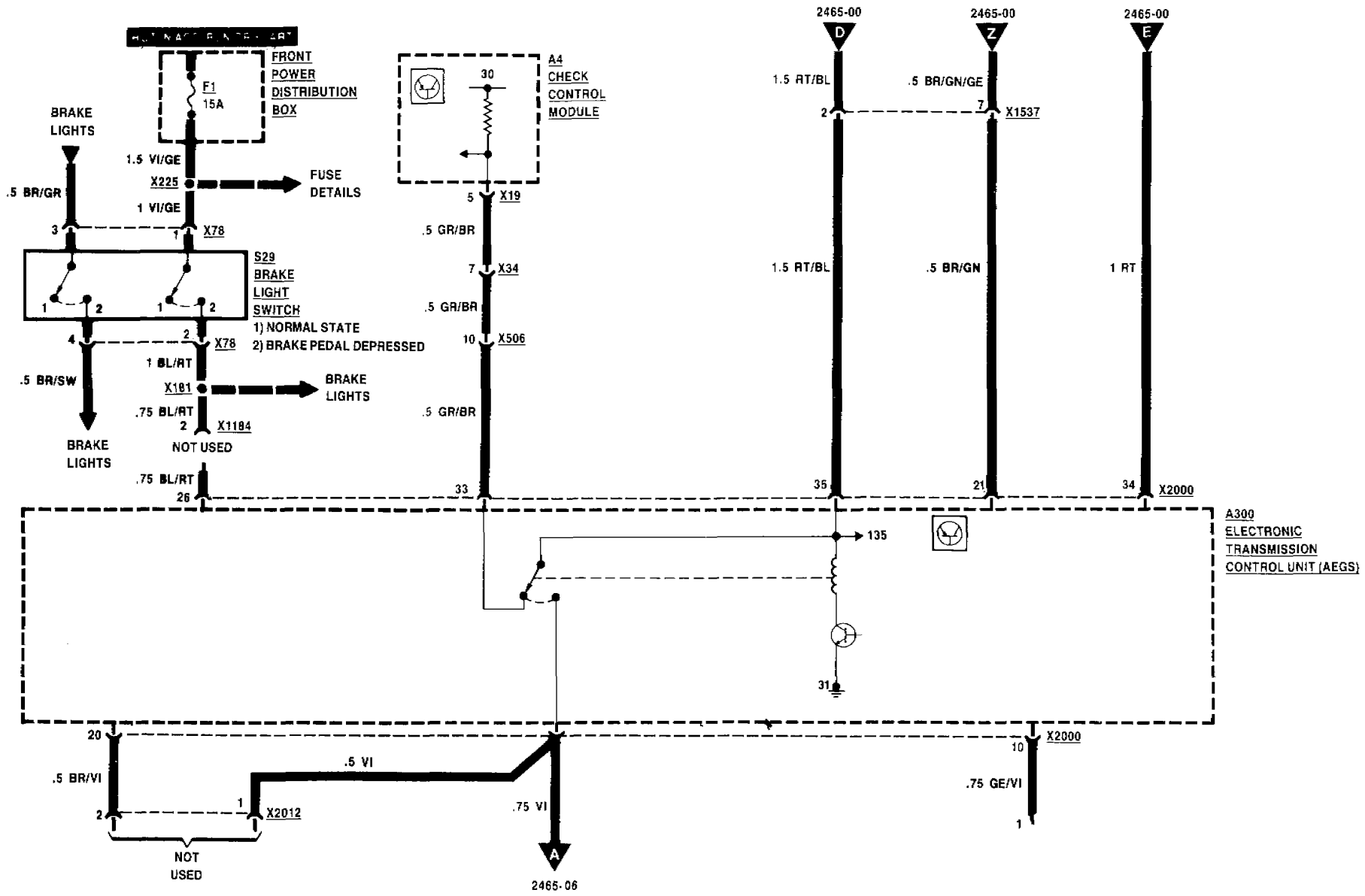


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# ELECTRONIC TRANSMISSION CONTROL (AEGS/EML)

750iL



09/89

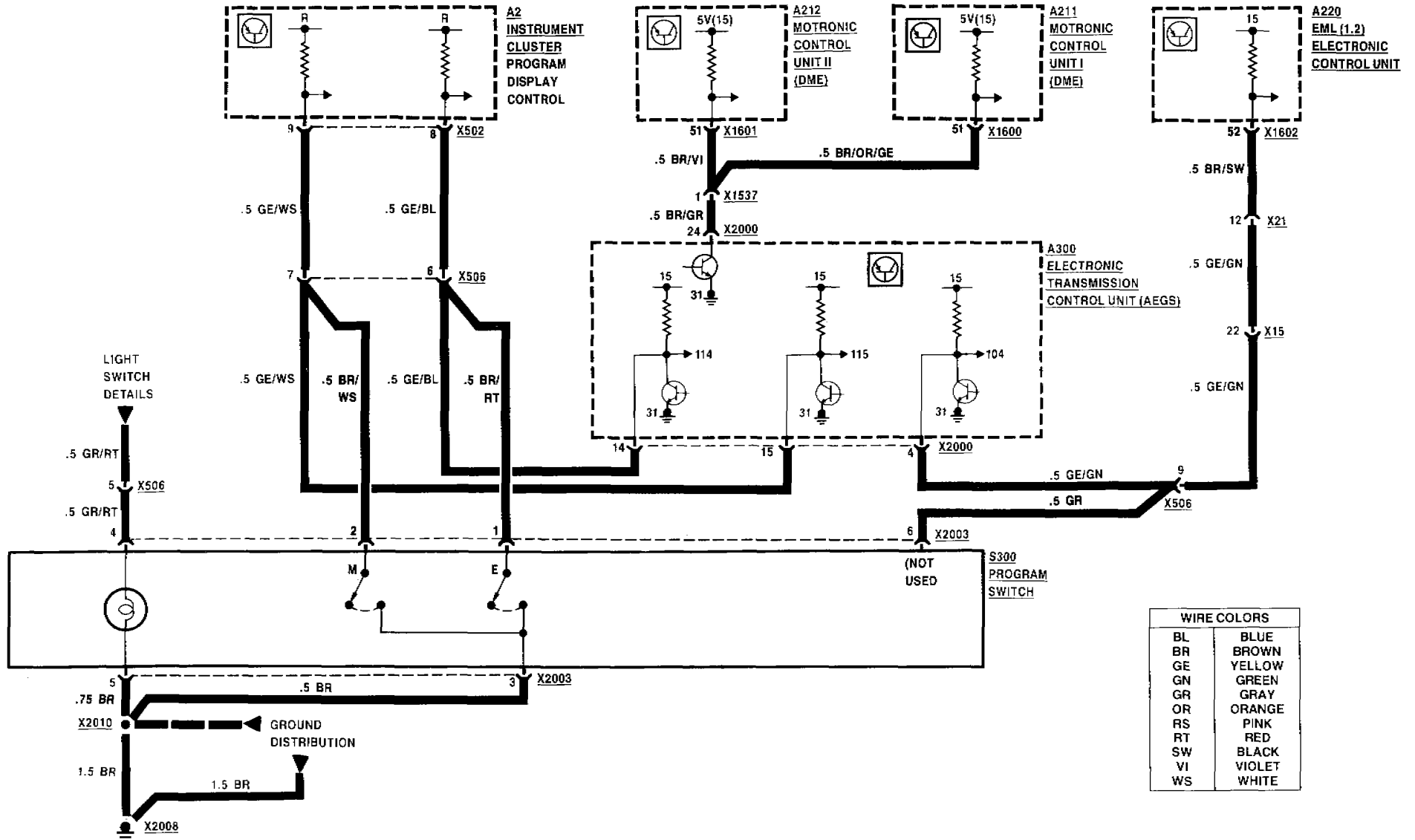
2465-01

1990



# ELECTRONIC TRANSMISSION CONTROL (AEGS/EML)

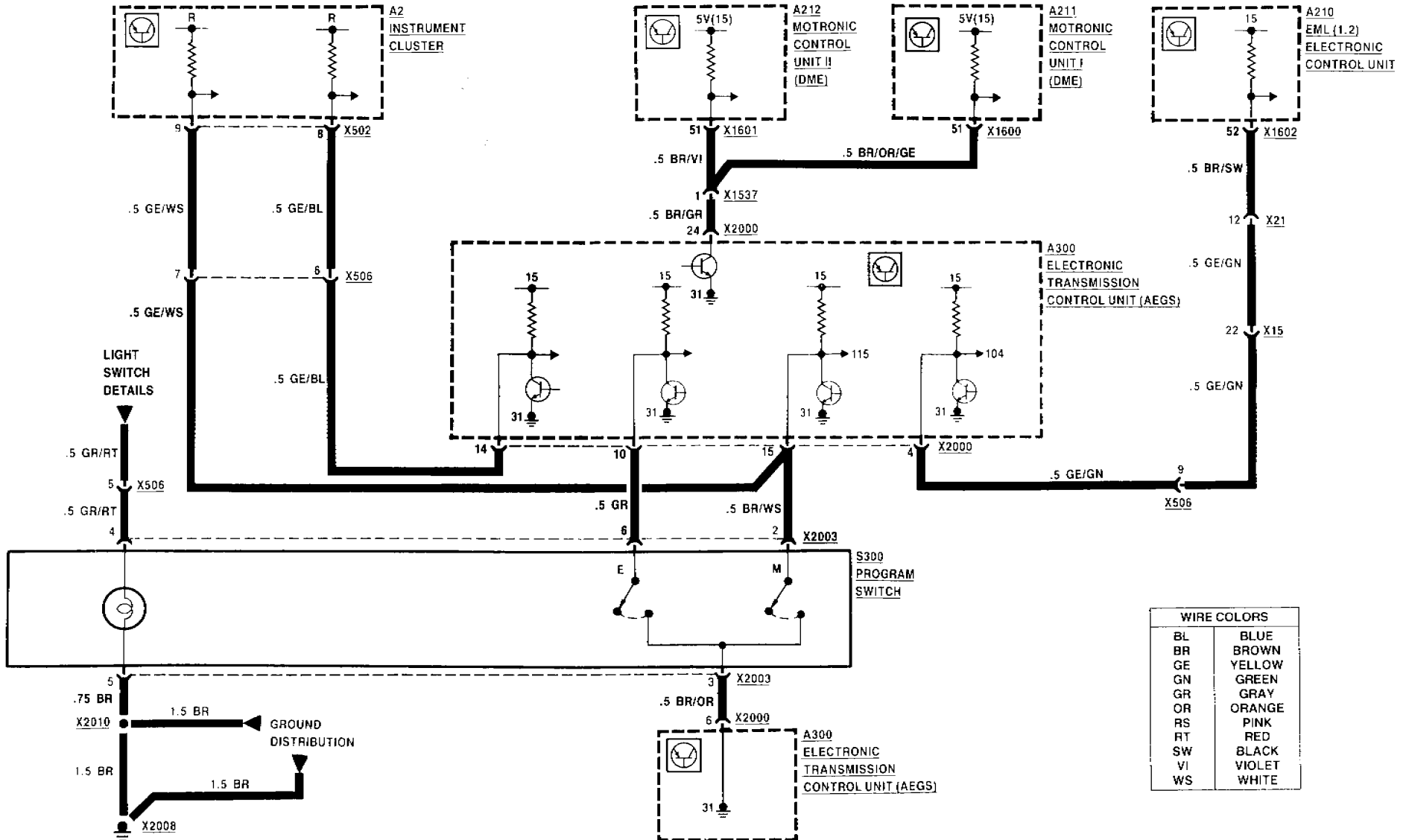
## 750iL





# ELECTRONIC TRANSMISSION CONTROL (AEGS/EML) TWO POSITION PROGRAM SWITCH

750iL

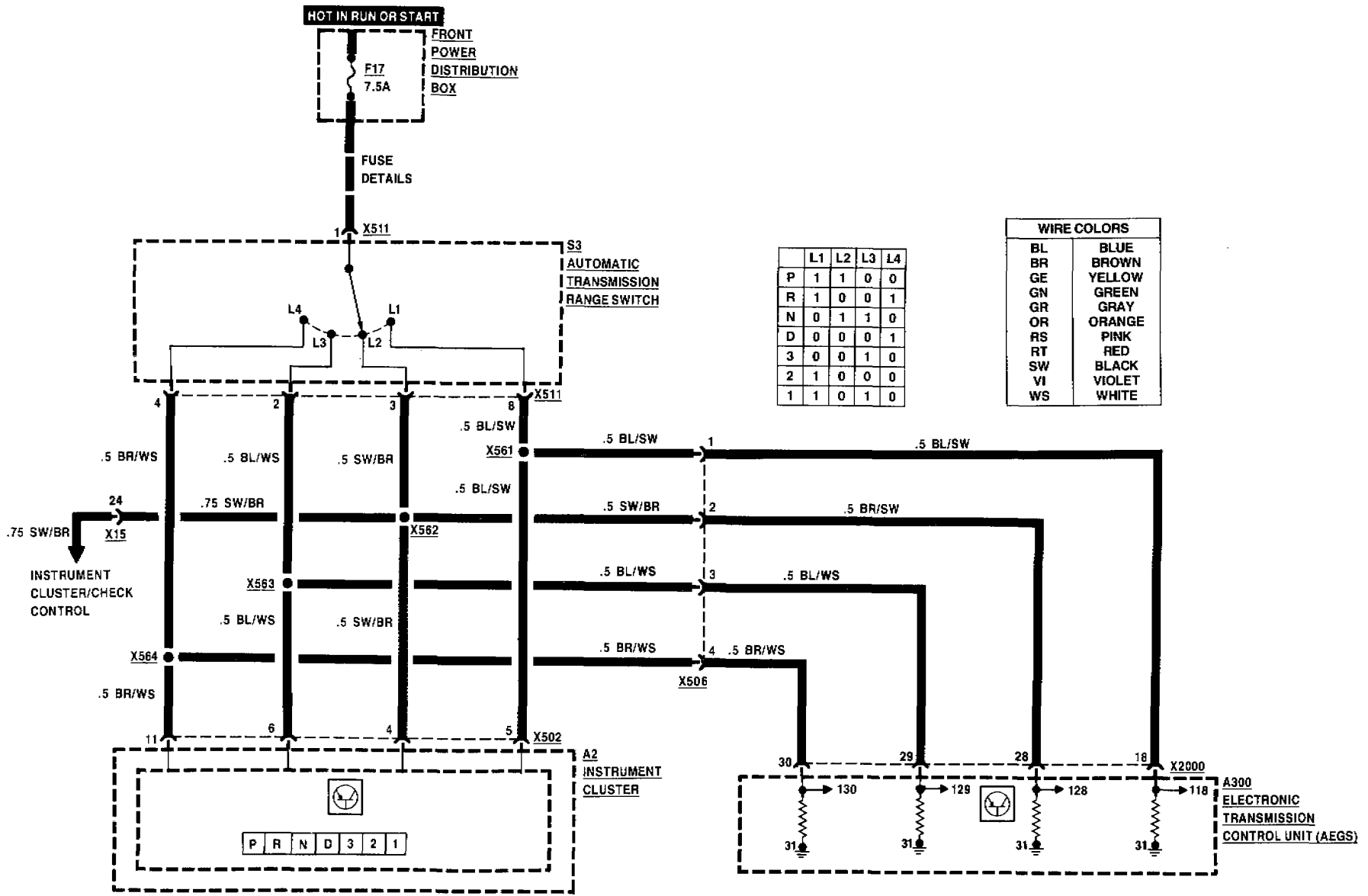






# ELECTRONIC TRANSMISSION CONTROL (AEGS/EML)

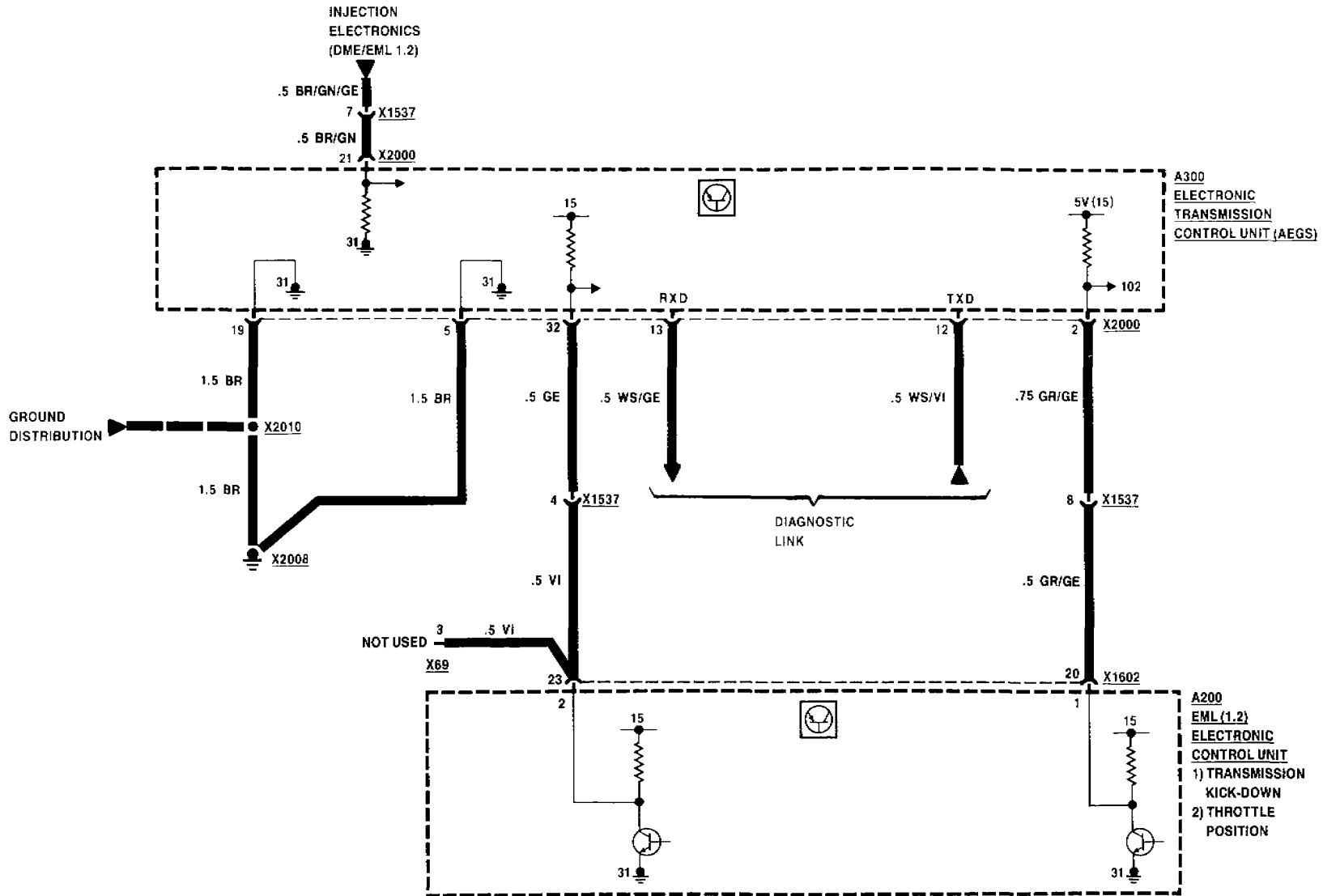
750iL





# ELECTRONIC TRANSMISSION CONTROL (AEGS/EML)

750iL



09/89

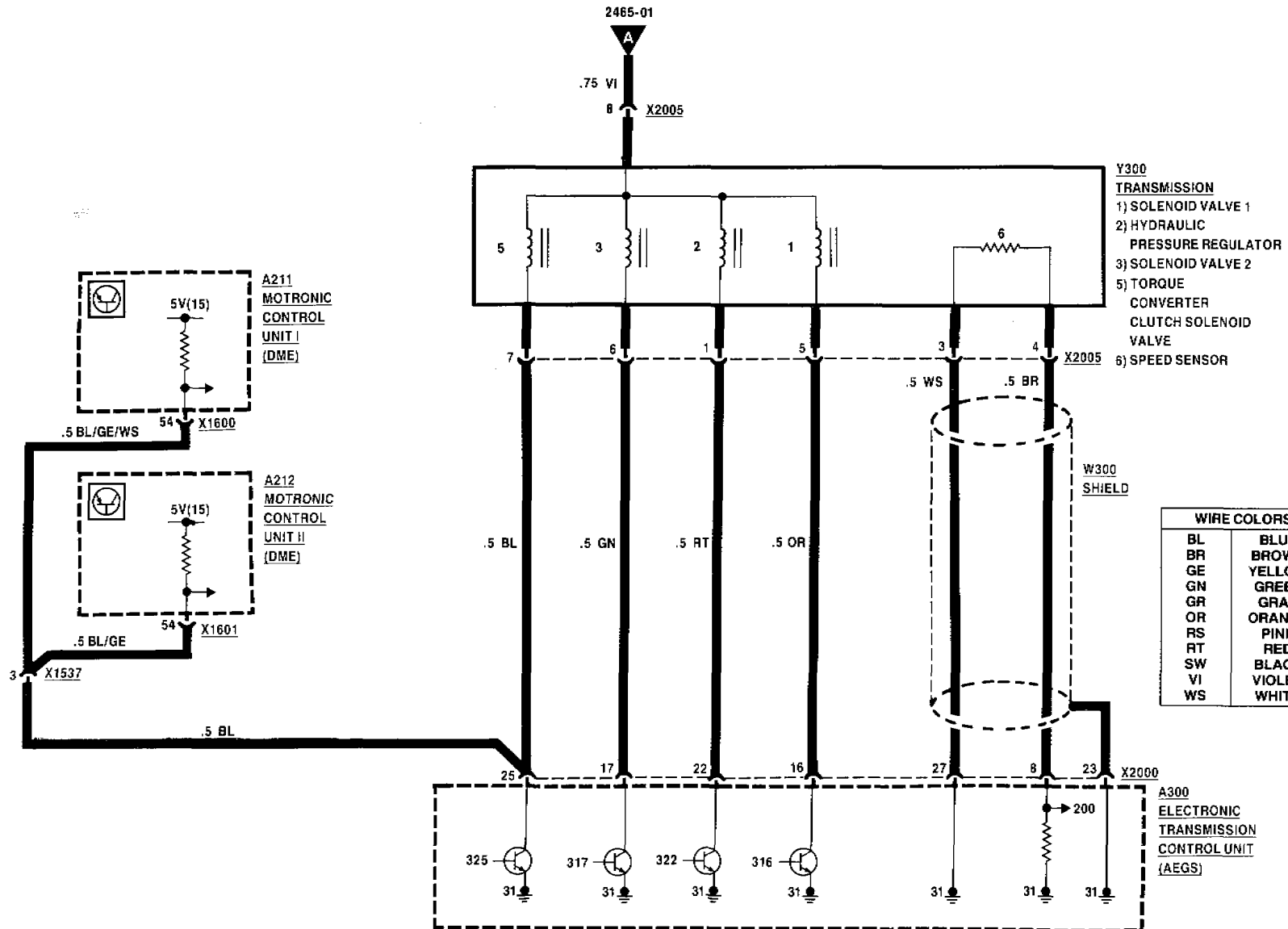
2465-05

1990



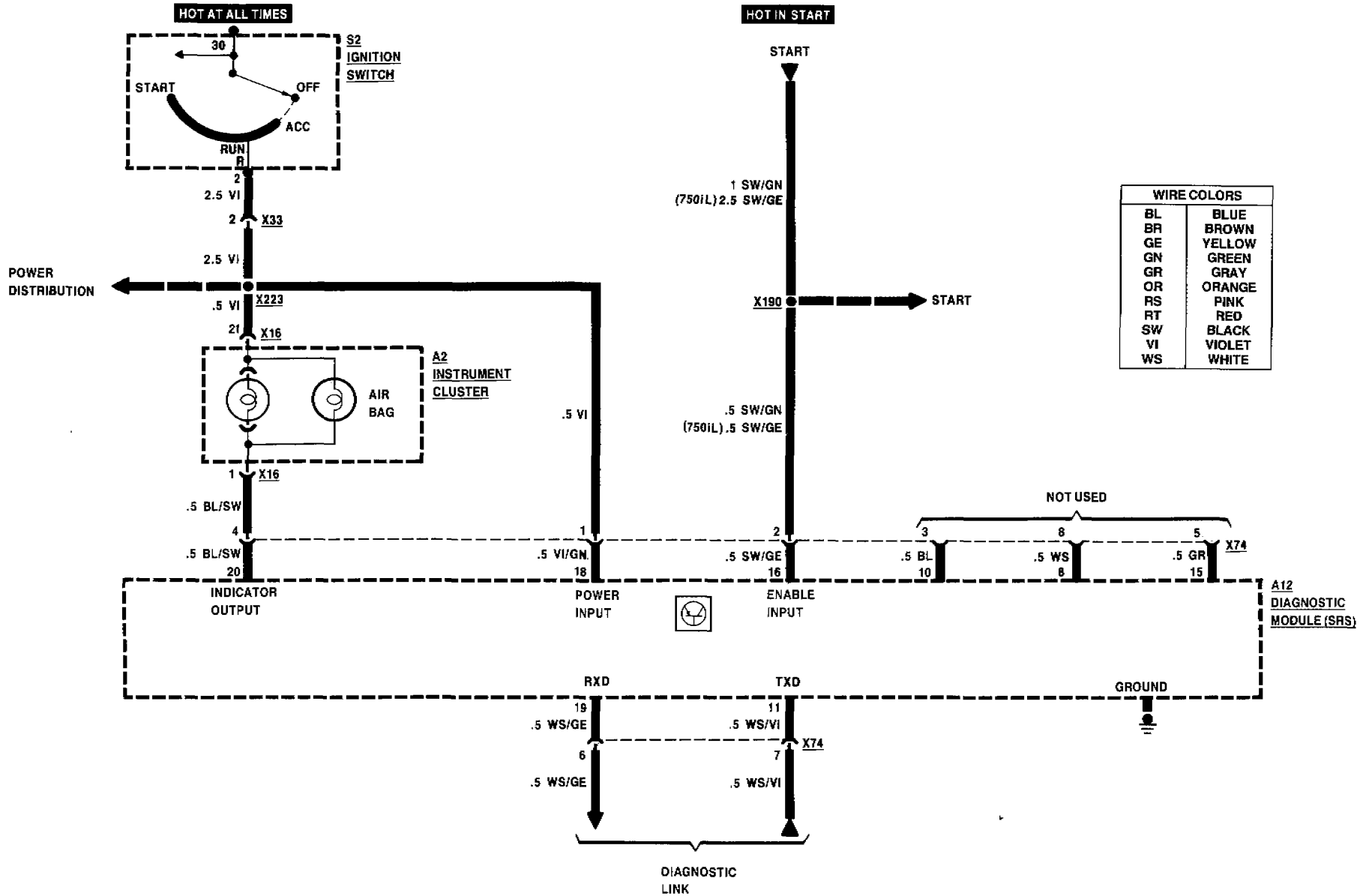
# ELECTRONIC TRANSMISSION CONTROL (AEGS/EML)

## 750iL

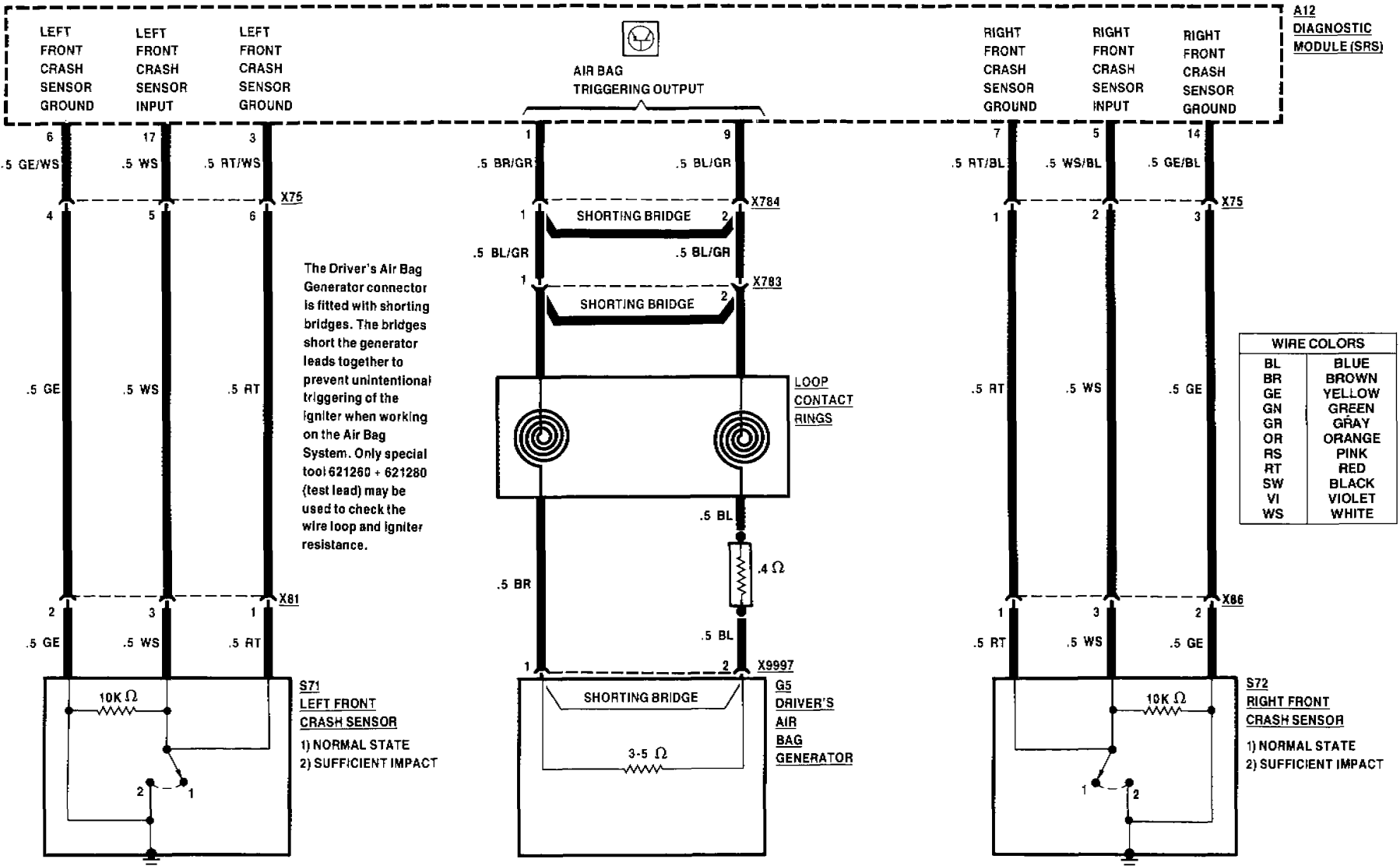




# SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

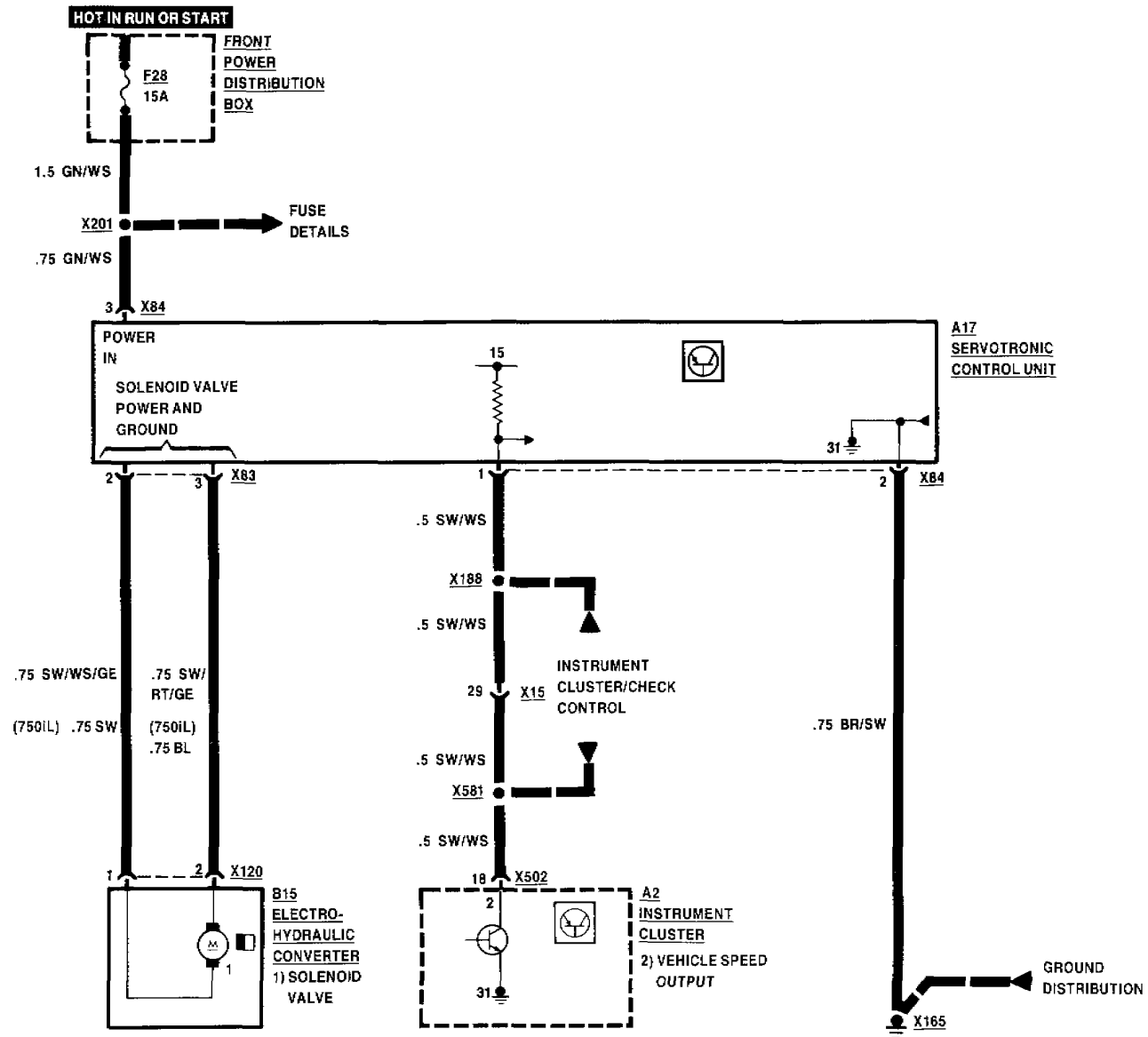


# SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)



# POWER ASSIST STEERING (SERVOTRONIC)

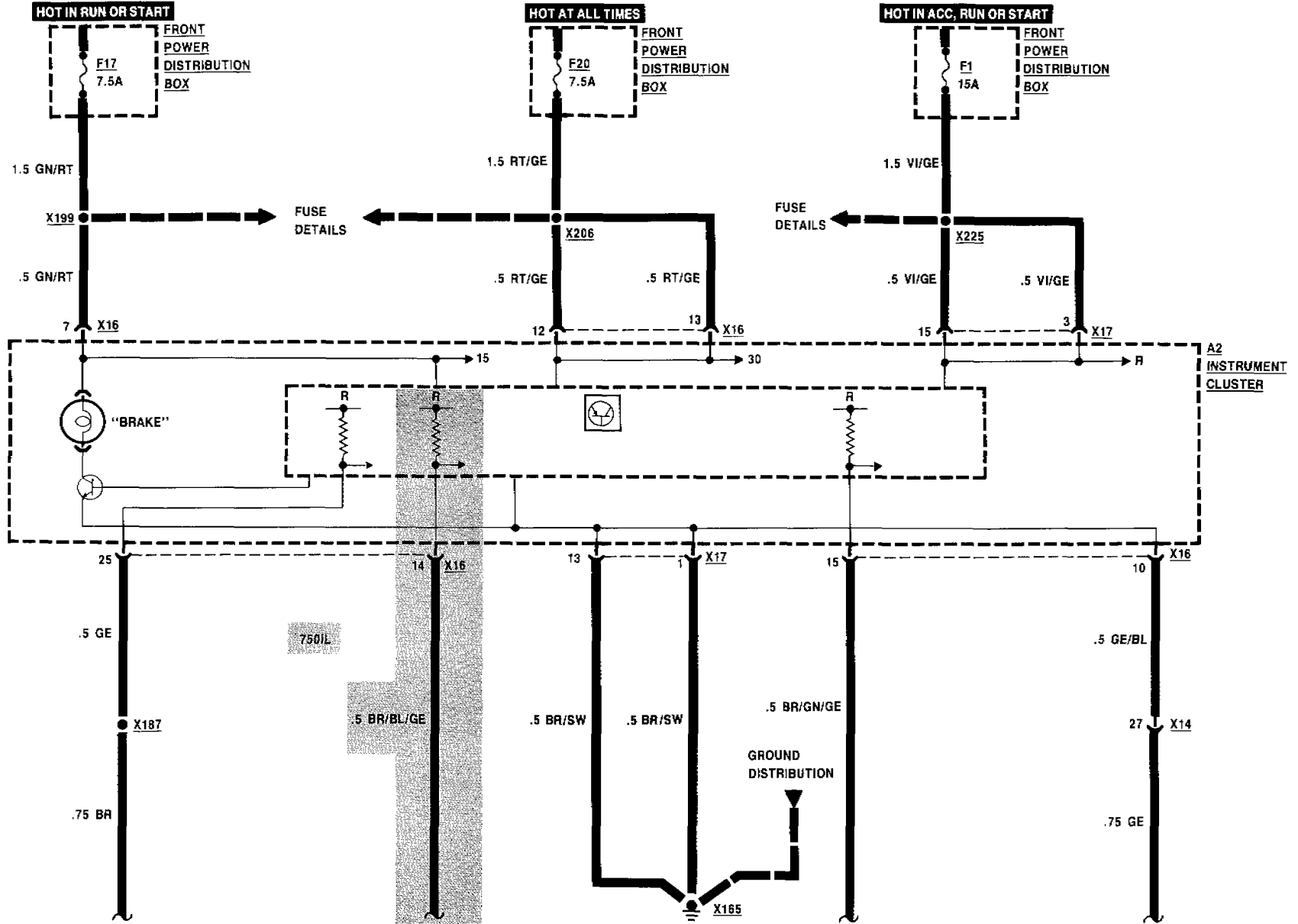
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

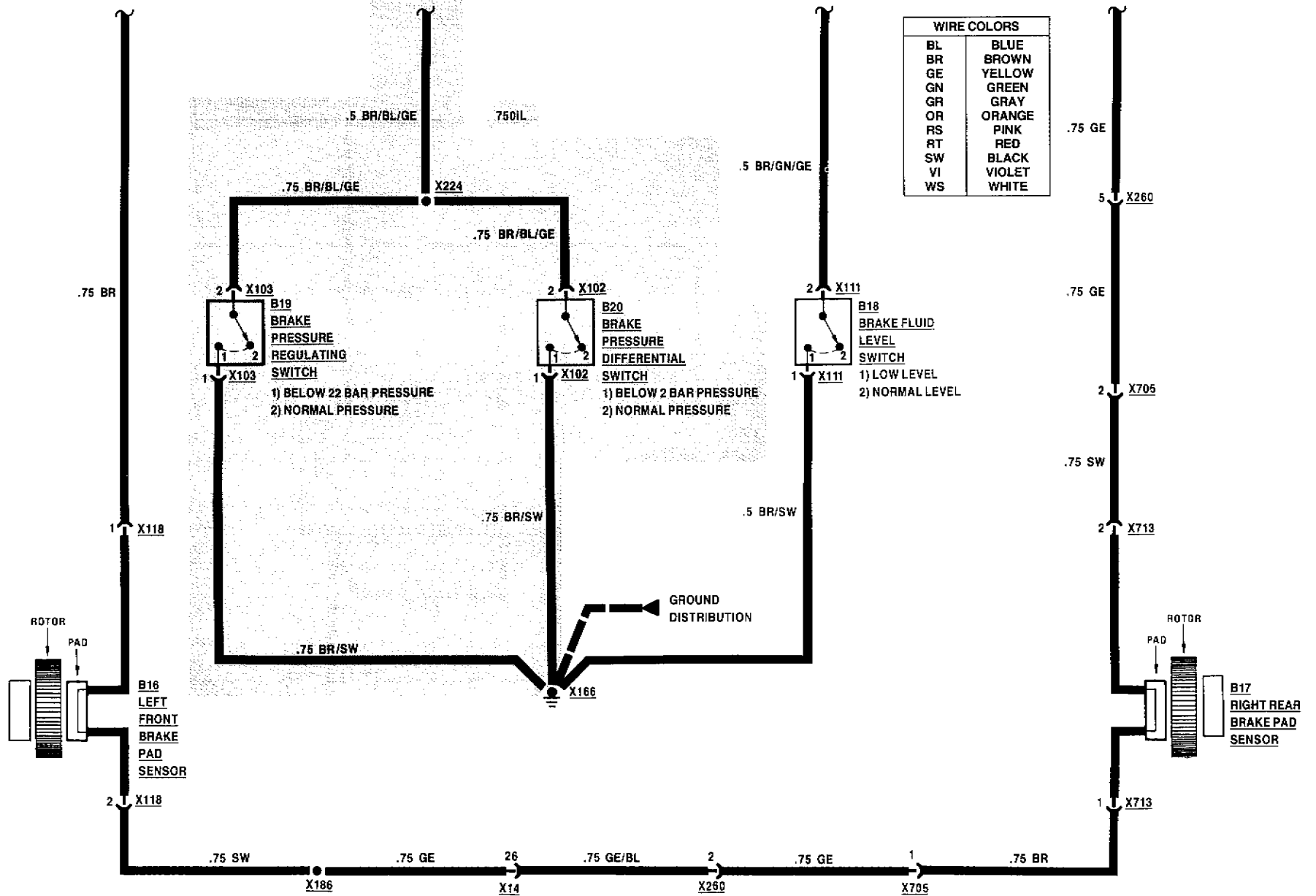




# BRAKE LINING WARNING

## BRAKE WARNING LIGHT



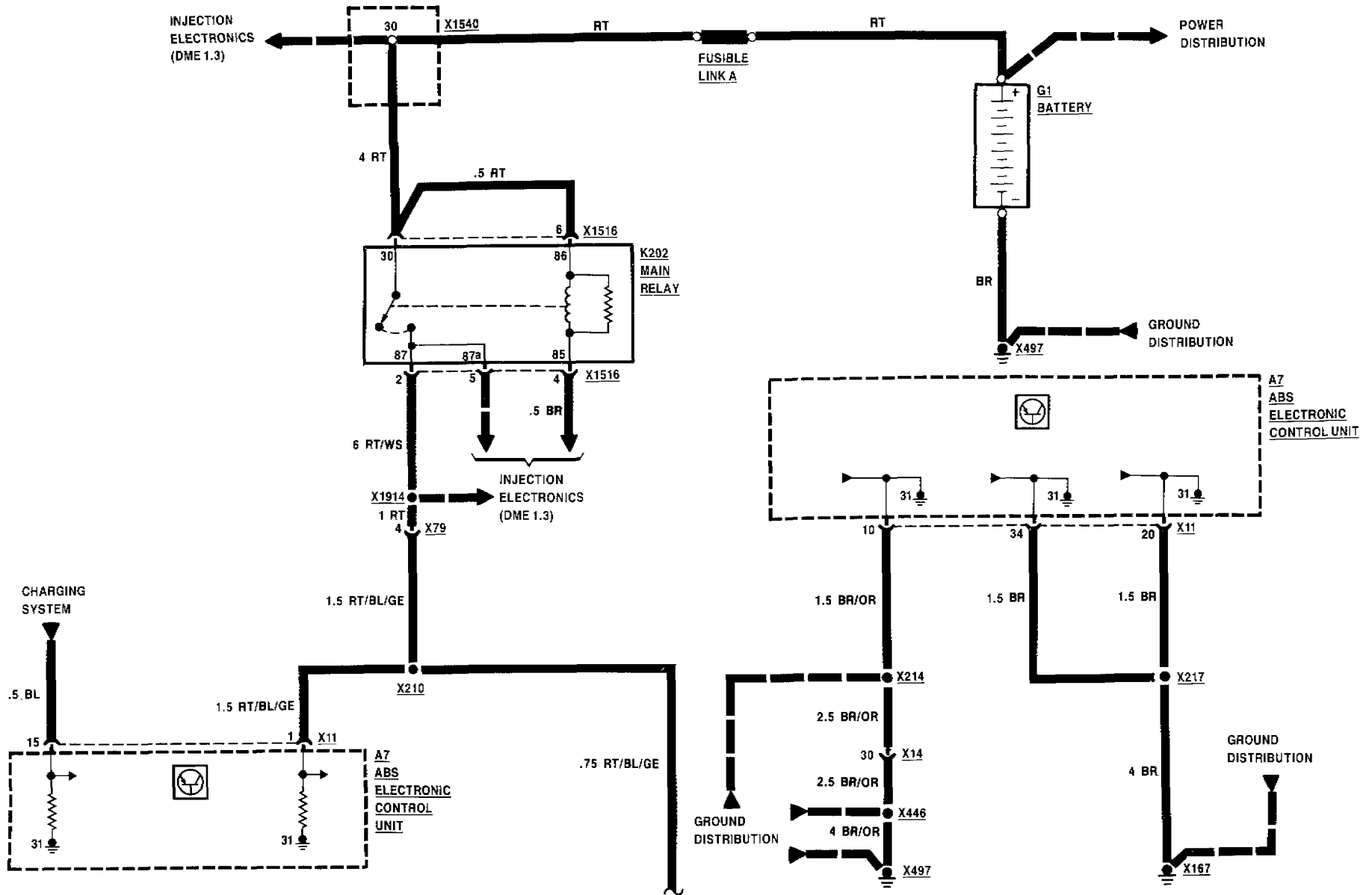






# ANTILOCK BRAKE SYSTEM (ABS)

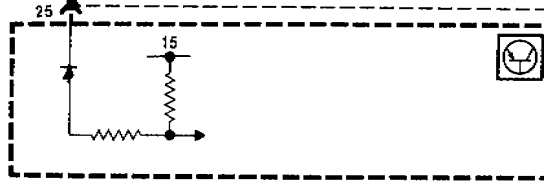
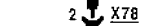
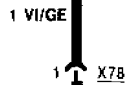
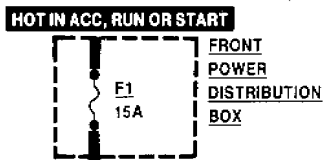
735i, 735iL



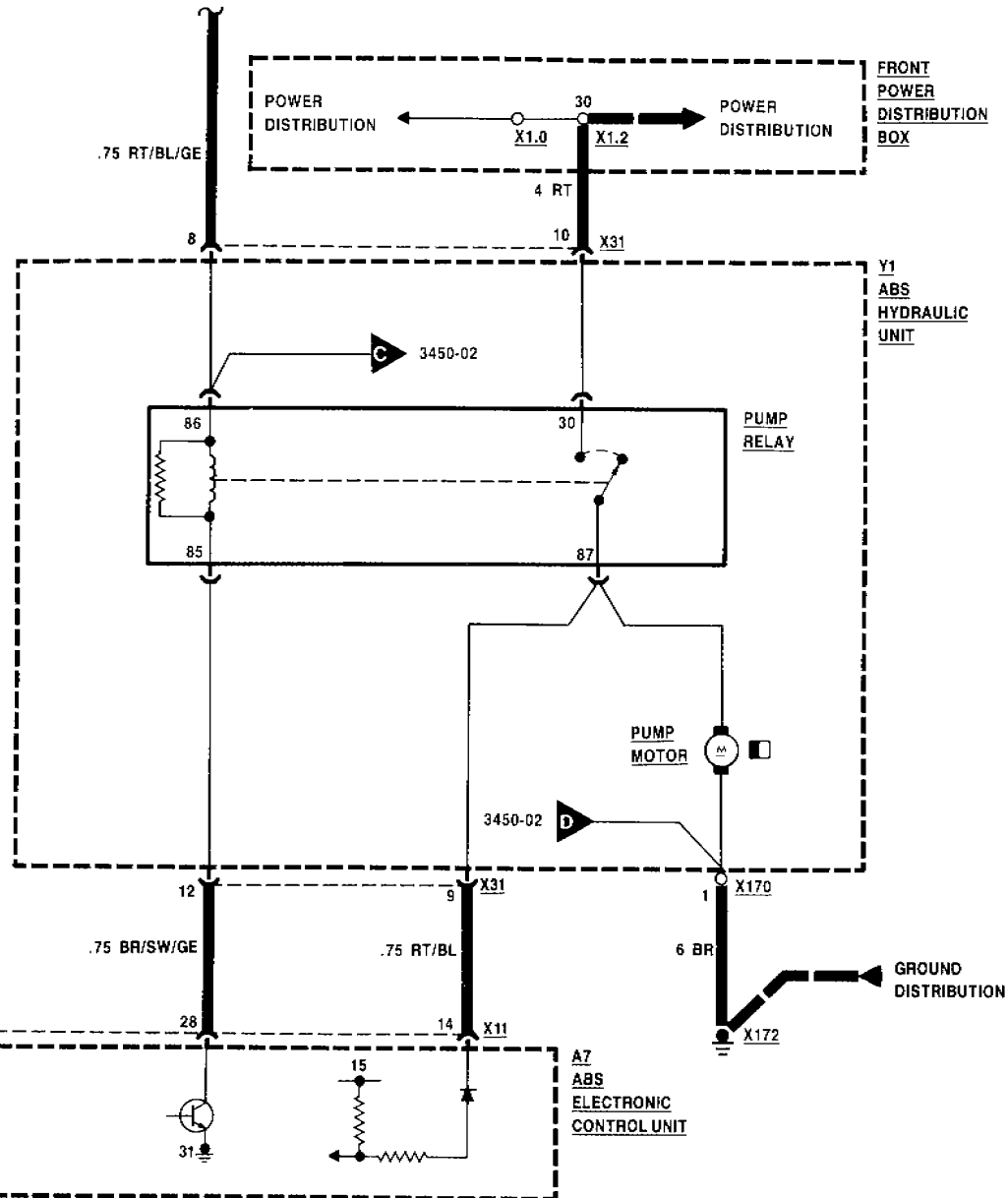
09/89

3450-00

1990



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





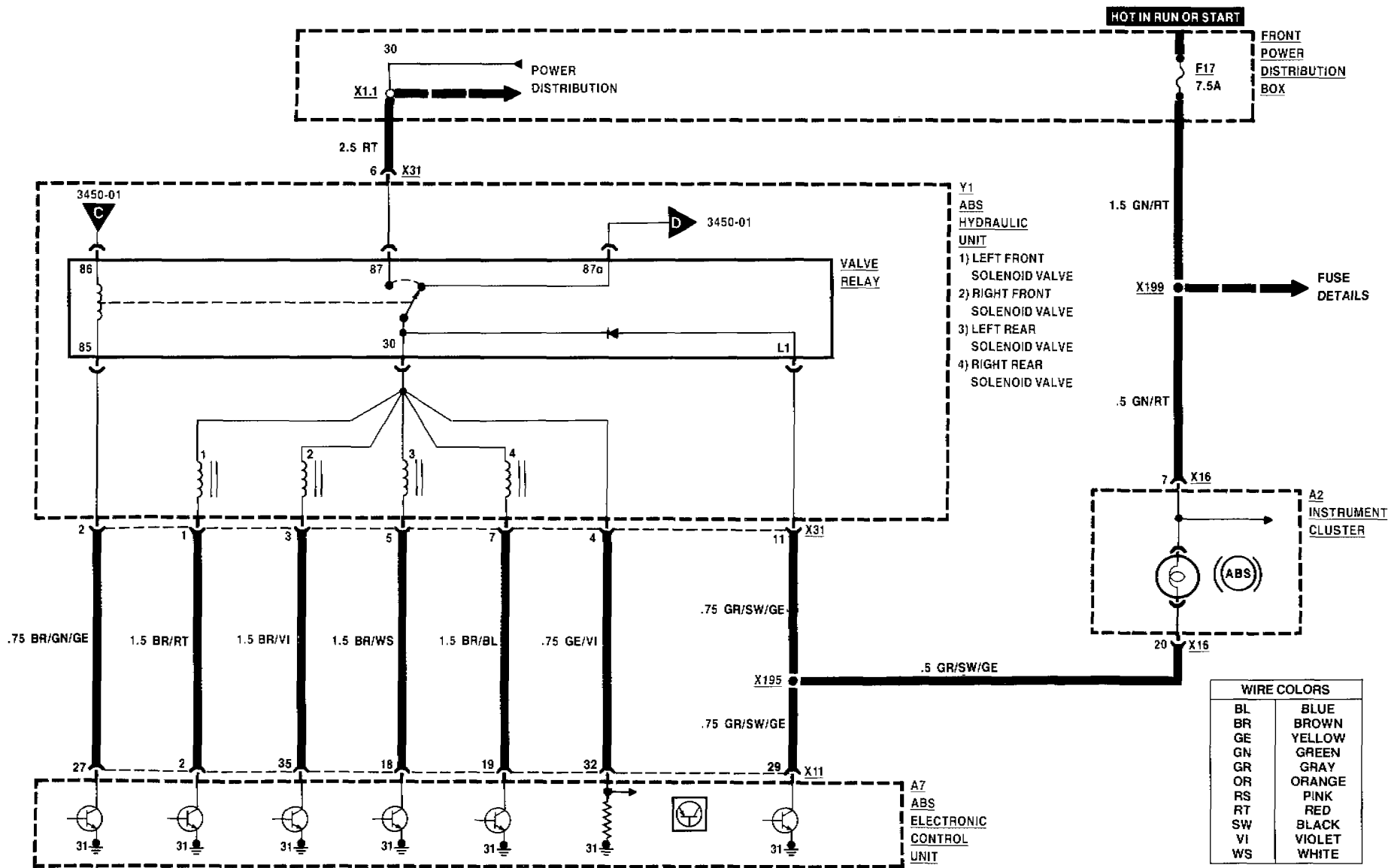
# ANTILOCK BRAKE SYSTEM (ABS)

## 735i, 735iL

09/89

3450-02

1990





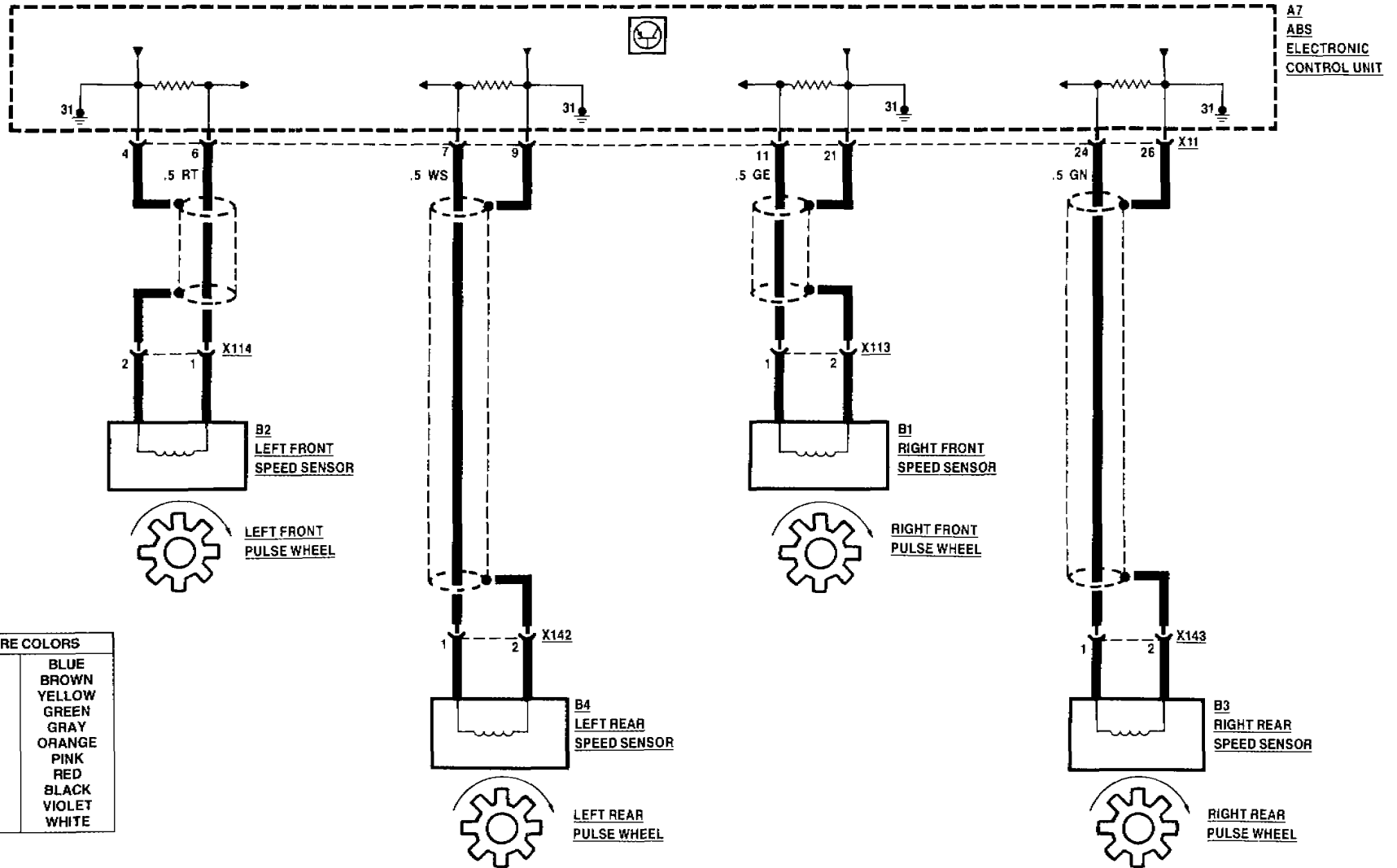
# ANTILOCK BRAKE SYSTEM (ABS)

## 735i, 735iL

09/89

3450-03

1990



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



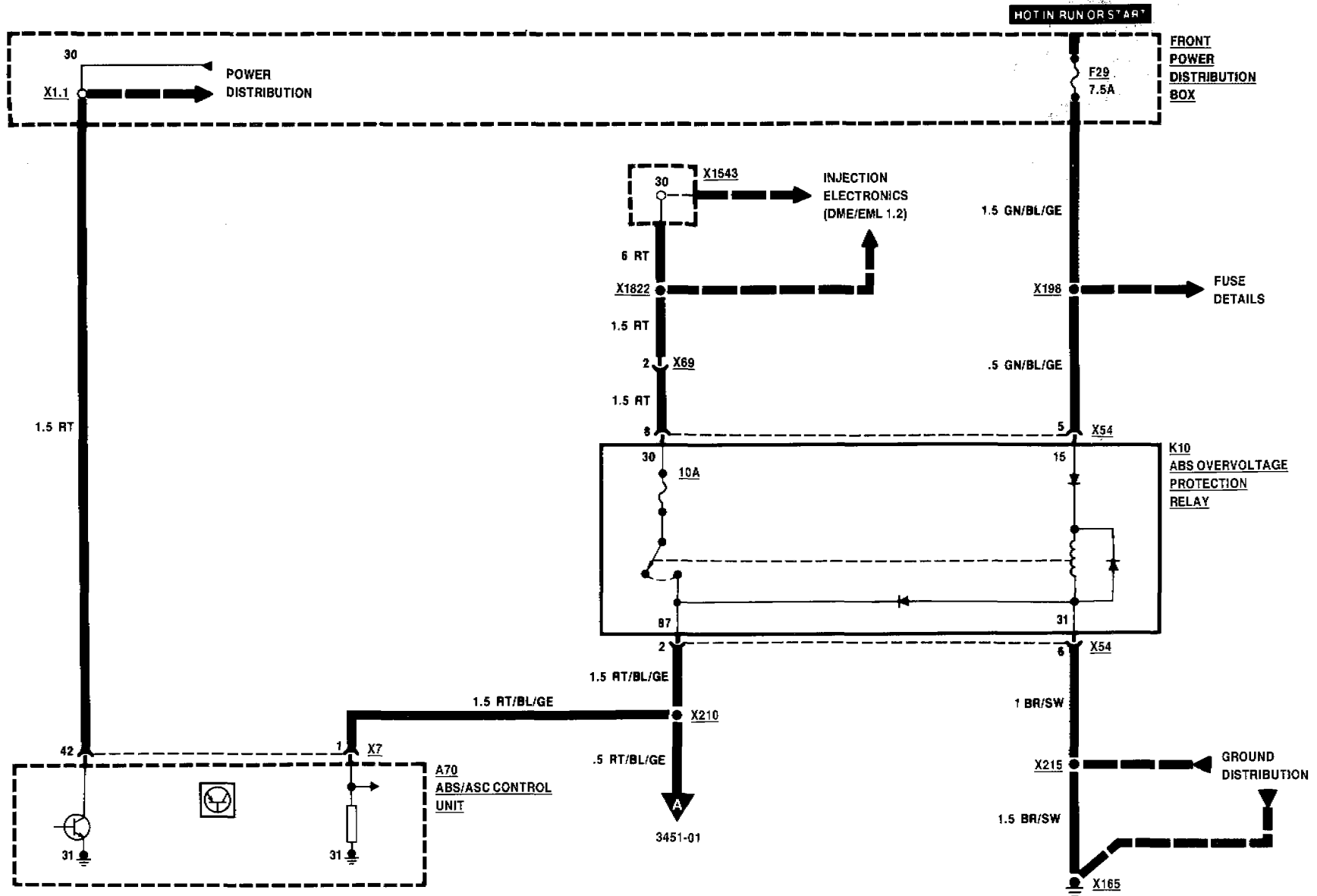
# AUTOMATIC STABILITY CONTROL (ASC)

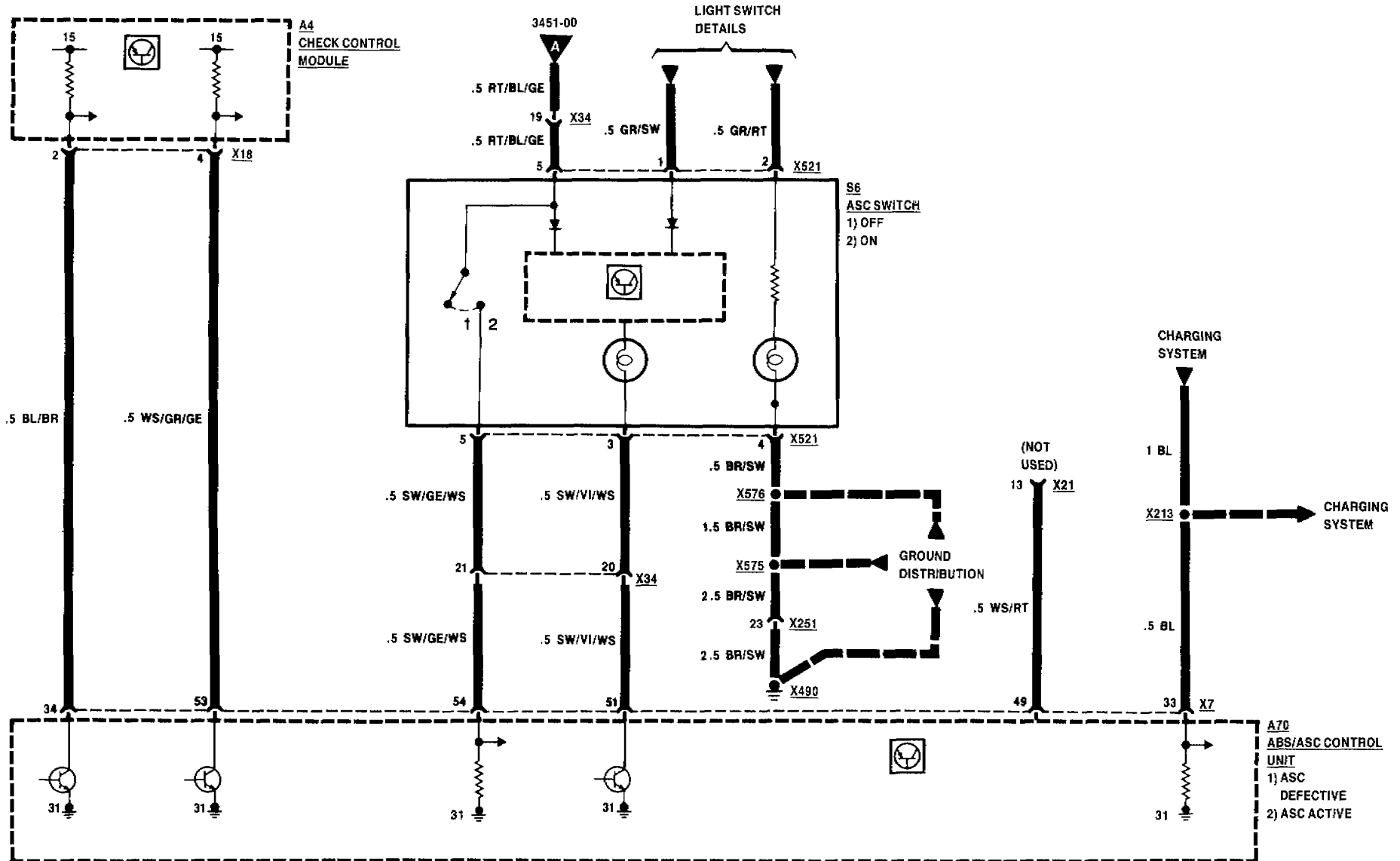
750iL

09/89

3451-00

1990



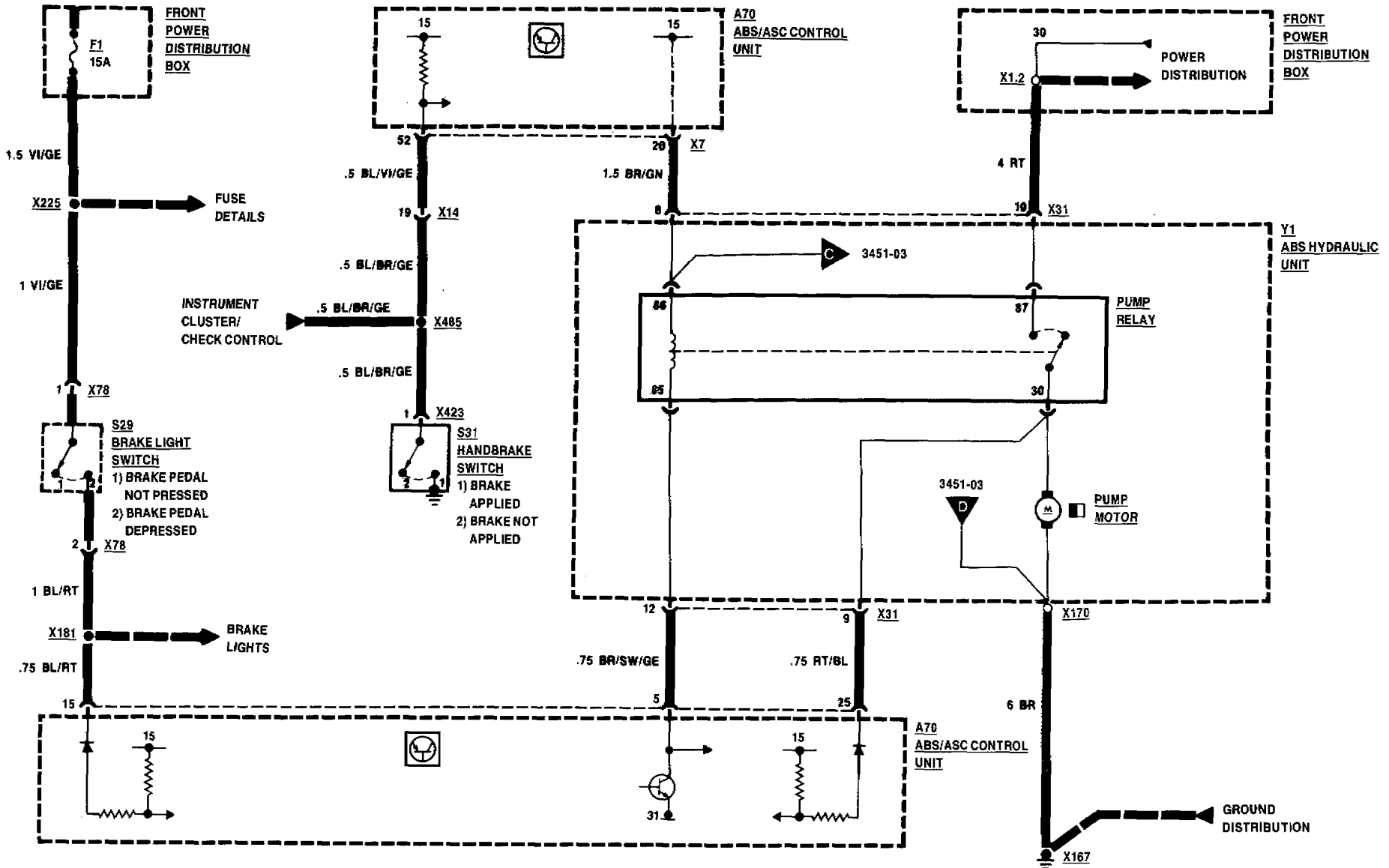




# AUTOMATIC STABILITY CONTROL (ASC)

## 750iL

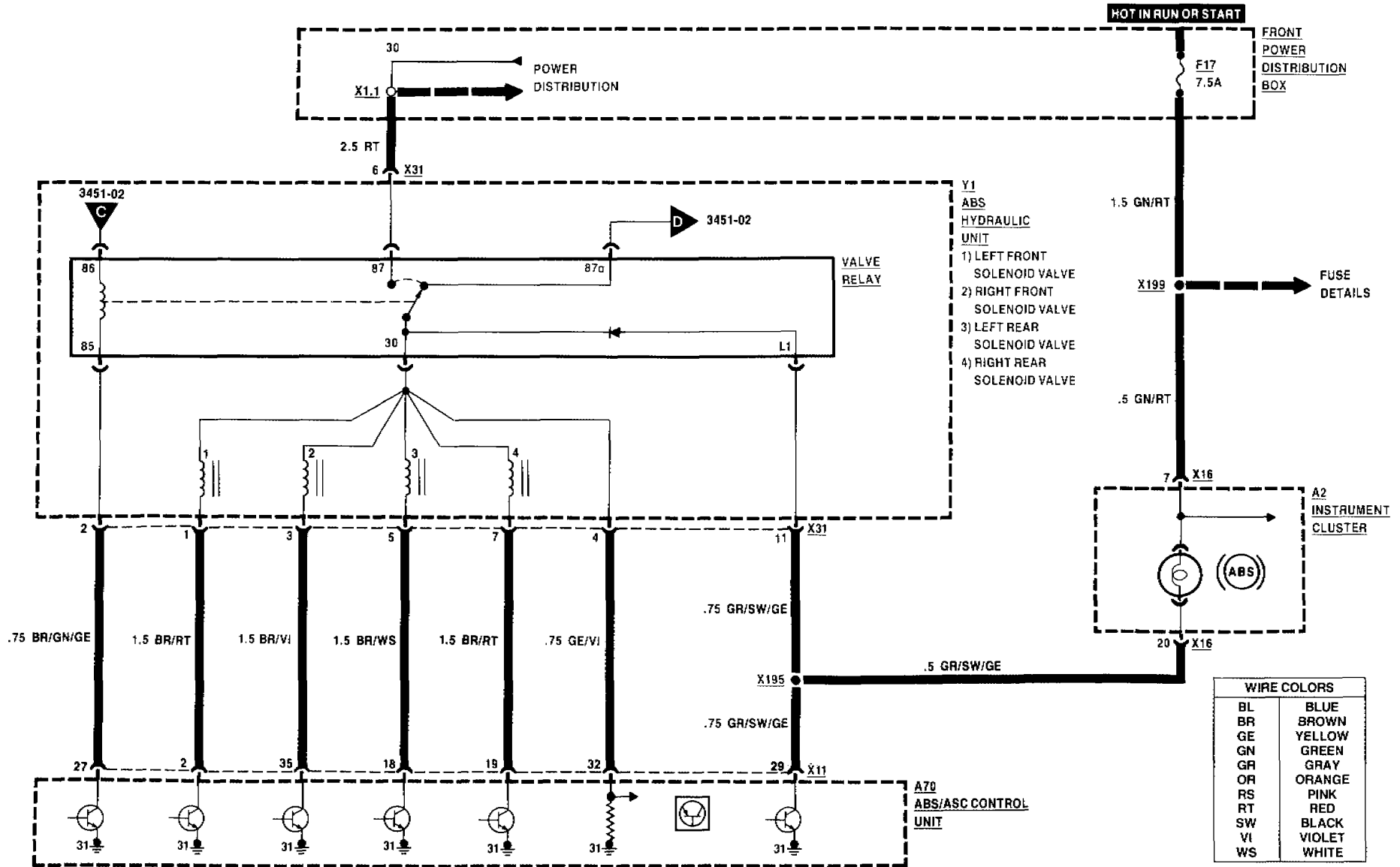
STOP ENGINE START





# AUTOMATIC STABILITY CONTROL (ASC)

## 750iL







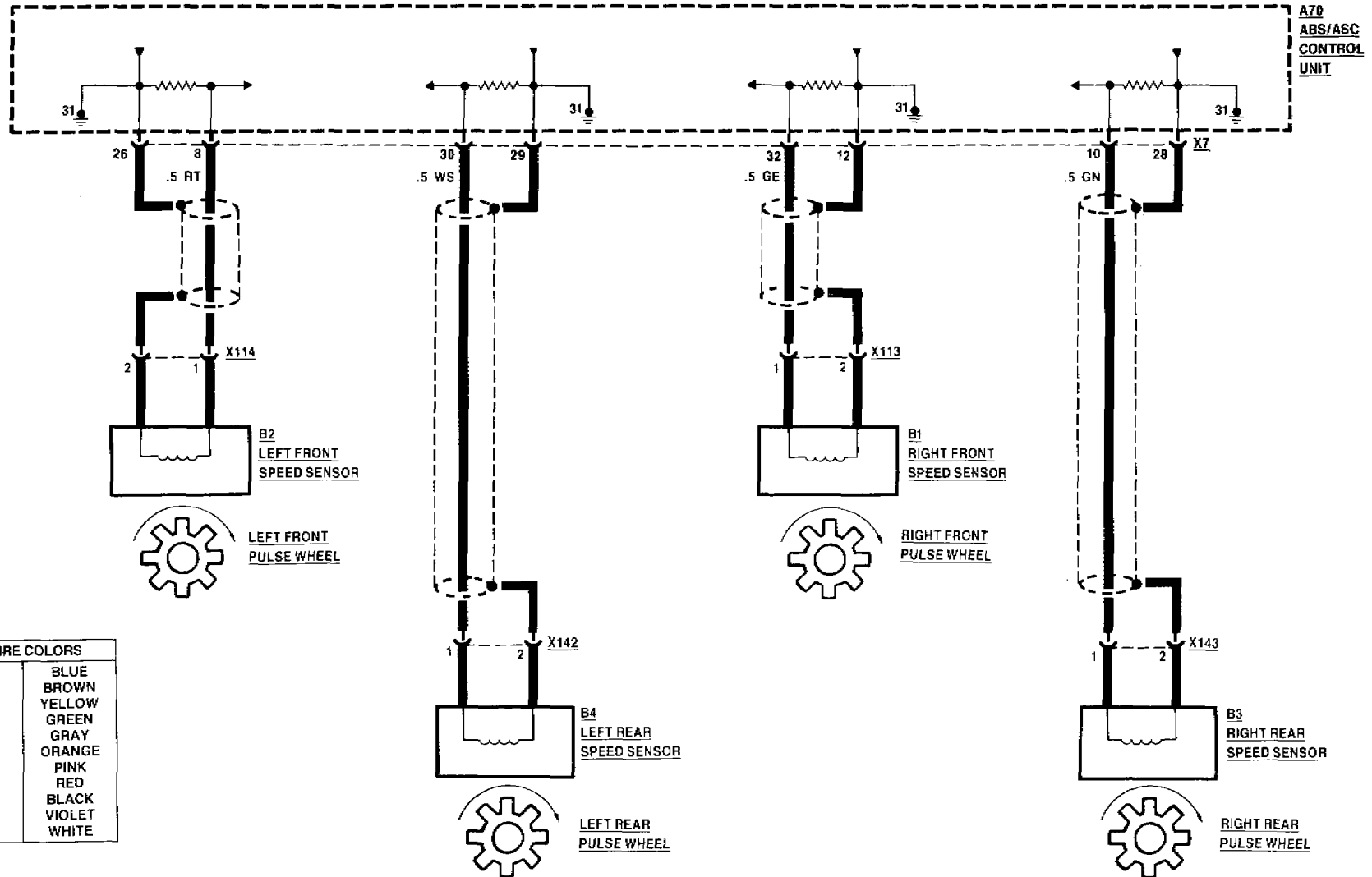
# AUTOMATIC STABILITY CONTROL (ASC)

## 750iL

09/89

3451-04

1990

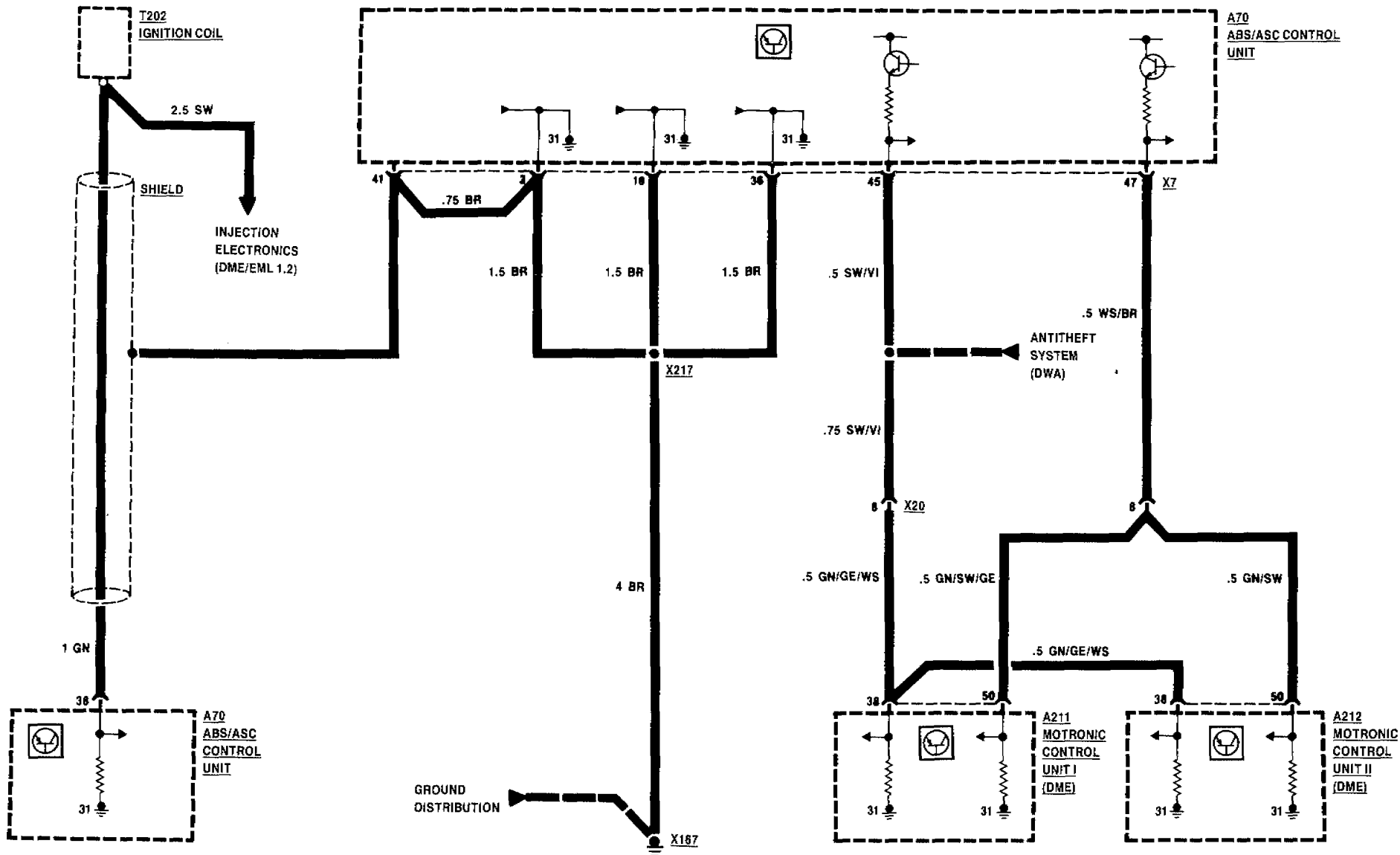


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# AUTOMATIC STABILITY CONTROL (ASC) DME INTERFACE

750iL



09/89

3451-05

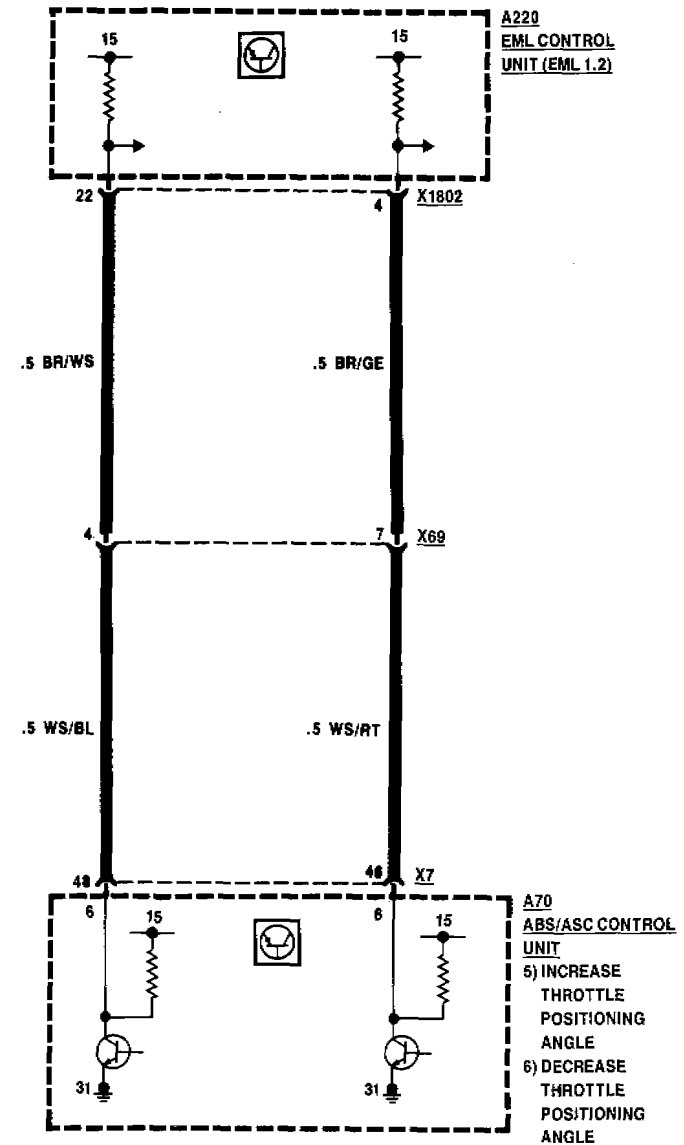
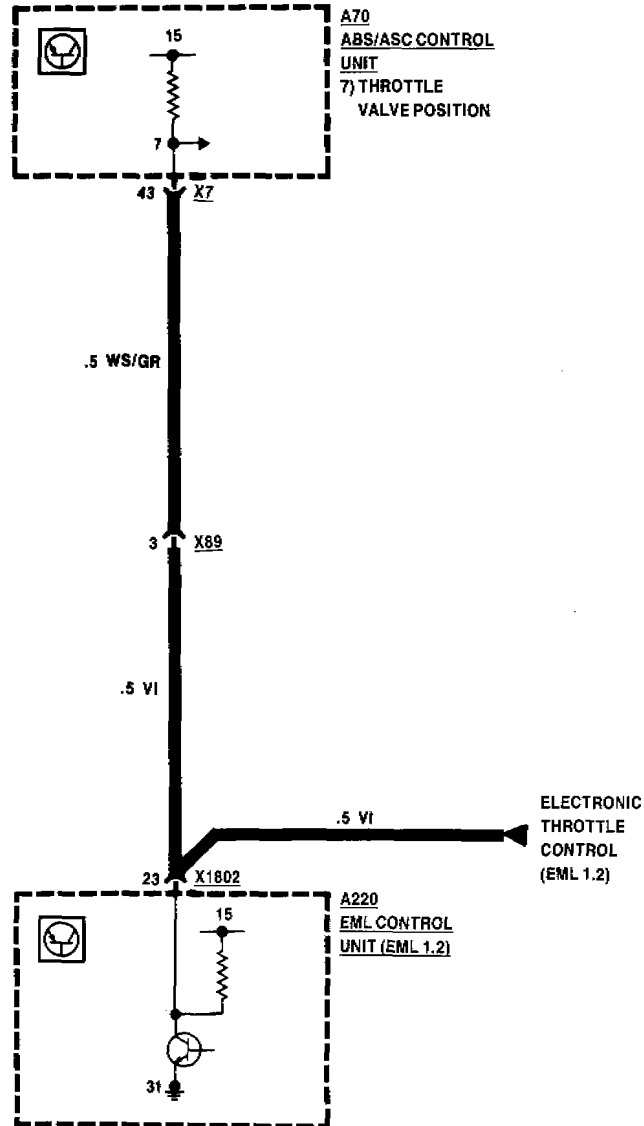
1990



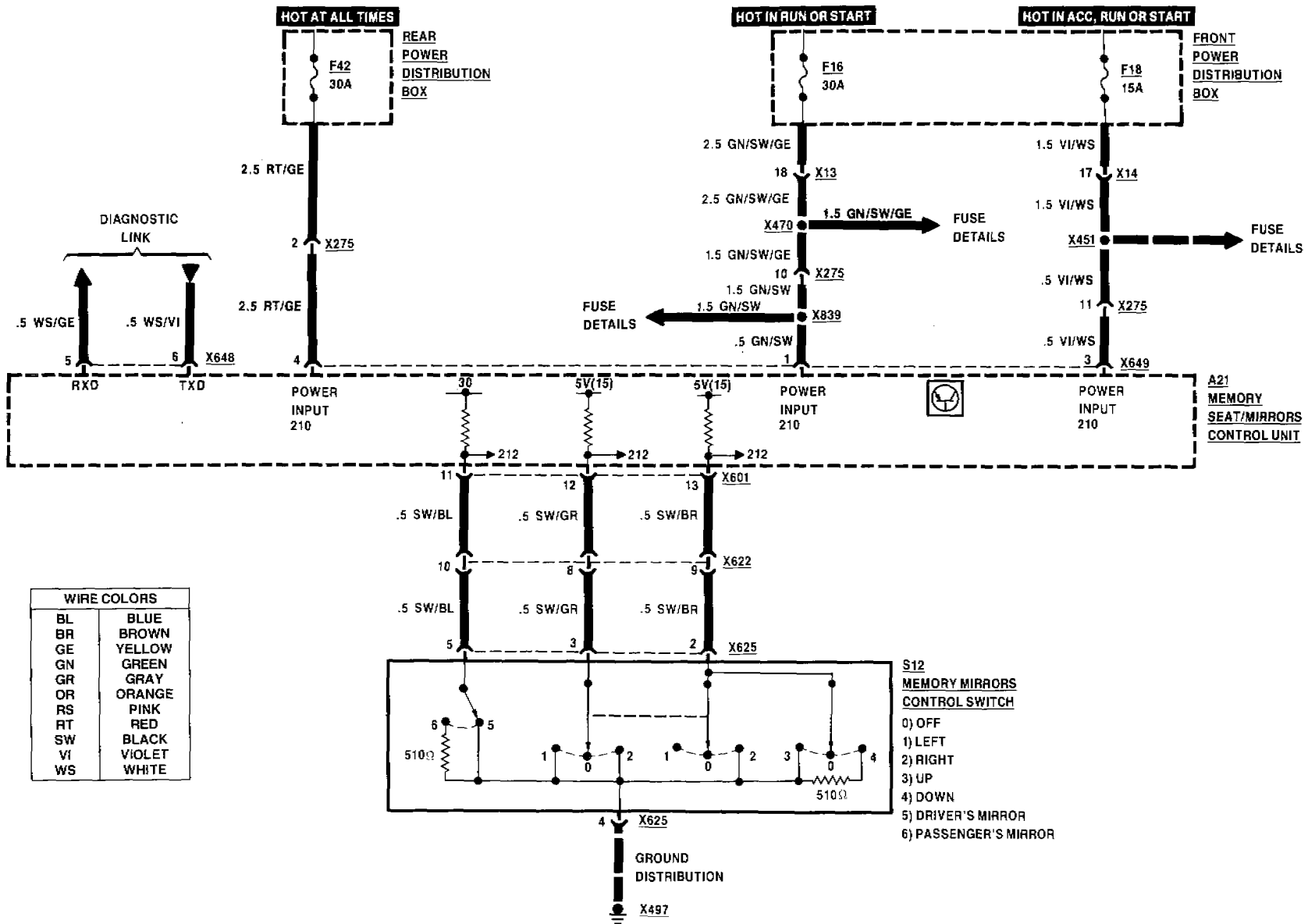
# AUTOMATIC STABILITY CONTROL (ASC)

750iL

## EML INTERFACE

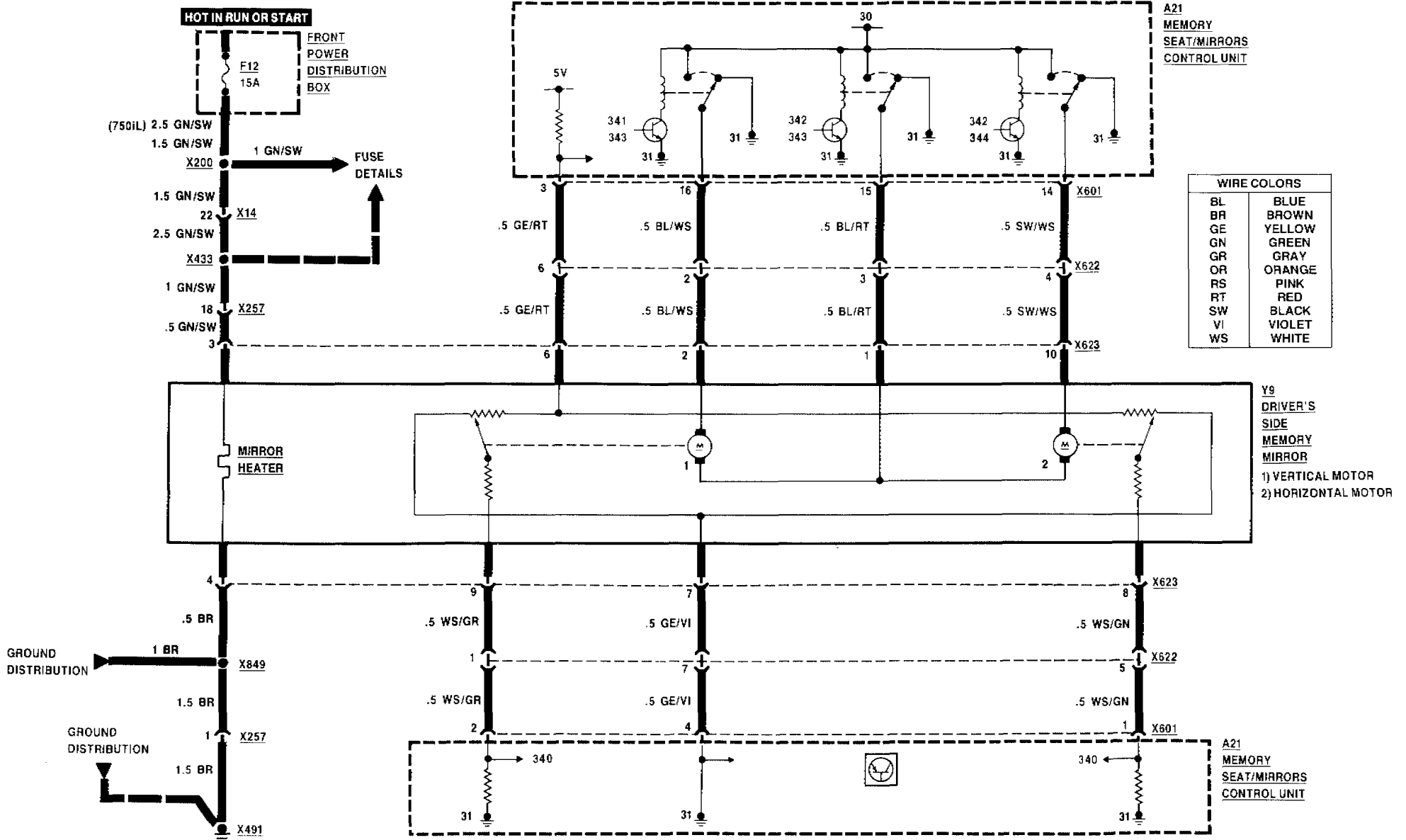


# MEMORY MIRRORS



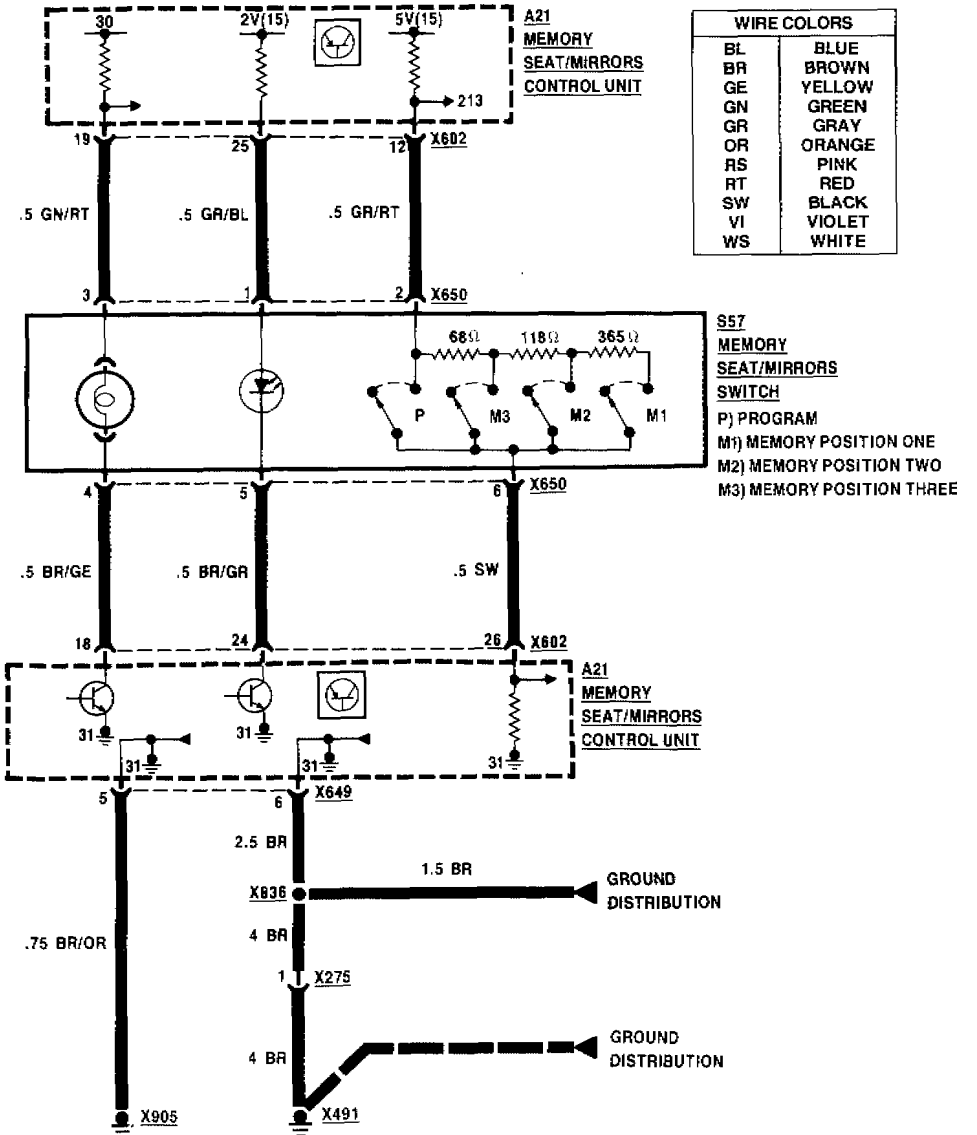
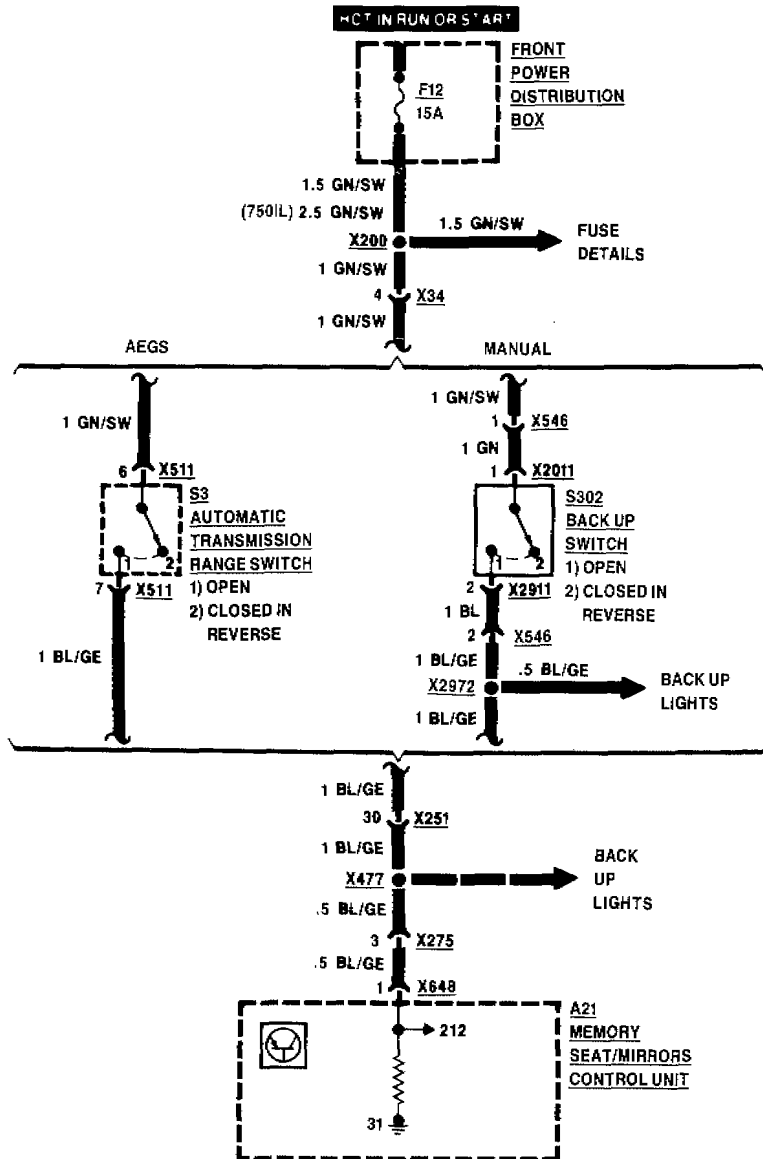


# MEMORY MIRRORS





# MEMORY MIRRORS

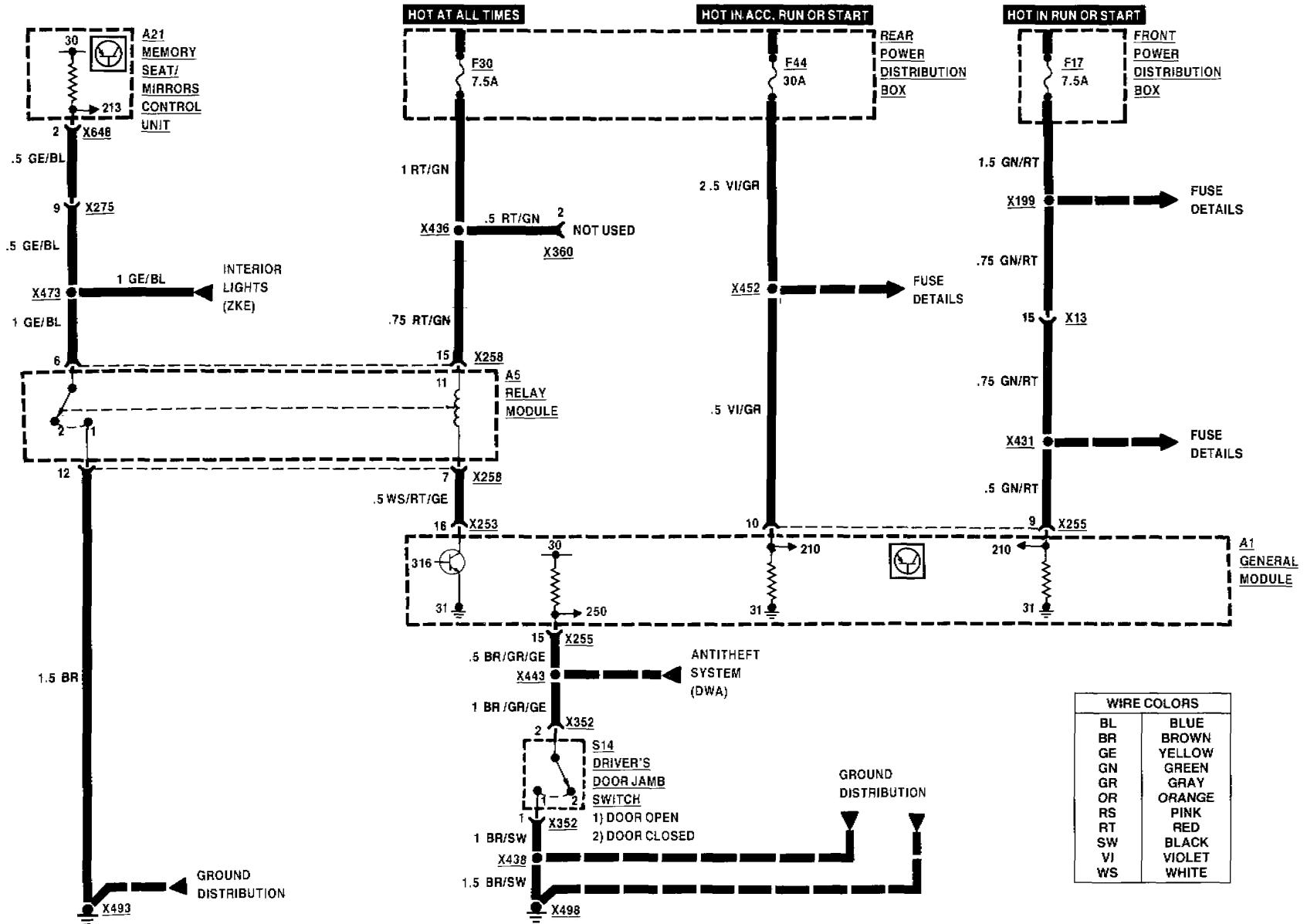


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

**S57 MEMORY SEAT/MIRRORS SWITCH**  
P) PROGRAM  
M1) MEMORY POSITION ONE  
M2) MEMORY POSITION TWO  
M3) MEMORY POSITION THREE



# MEMORY MIRRORS

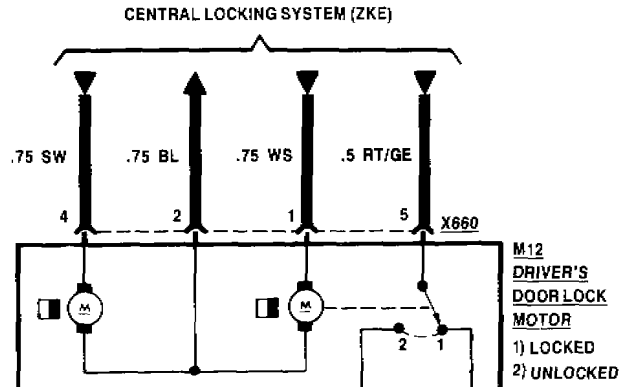






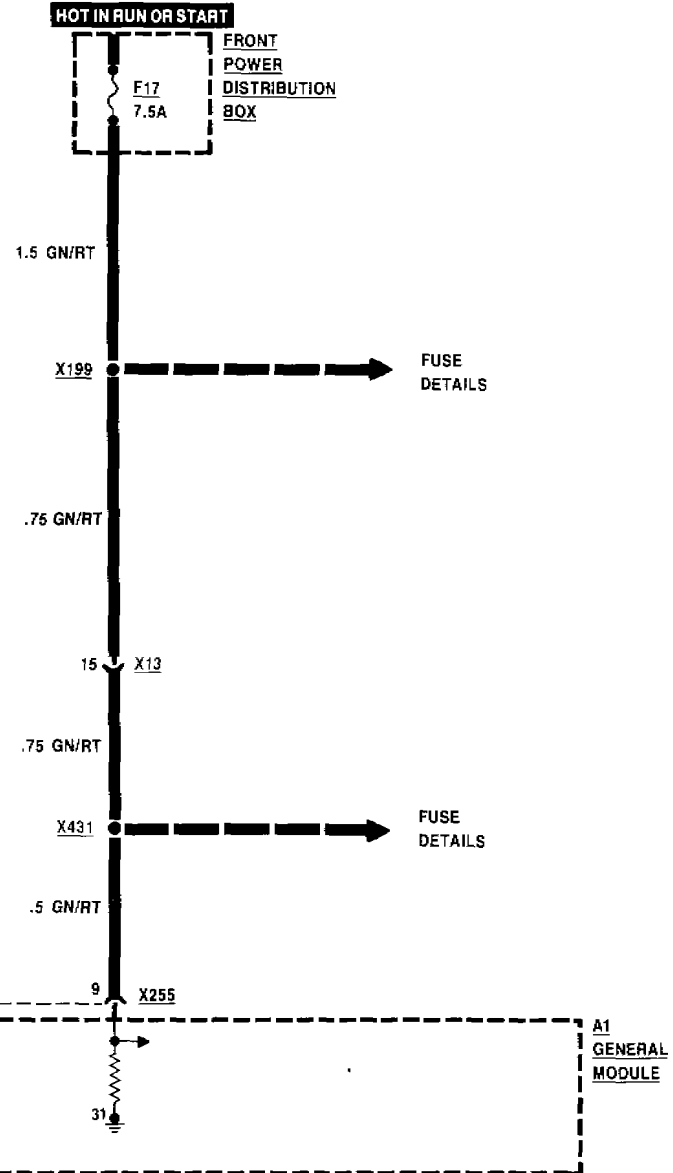
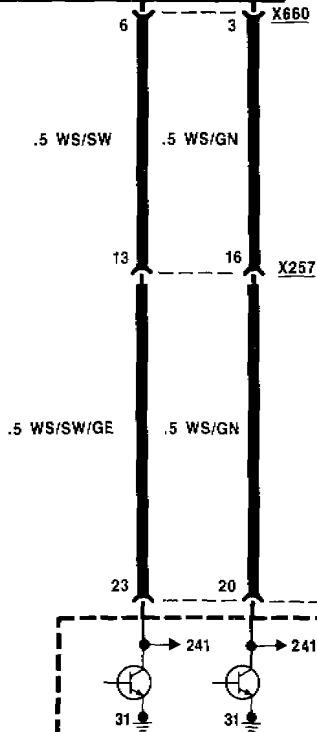
# DOOR LOCK HEATING (ZKE)

## INPUT DETAILS



M12  
DRIVER'S  
DOOR LOCK  
MOTOR  
1) LOCKED  
2) UNLOCKED

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



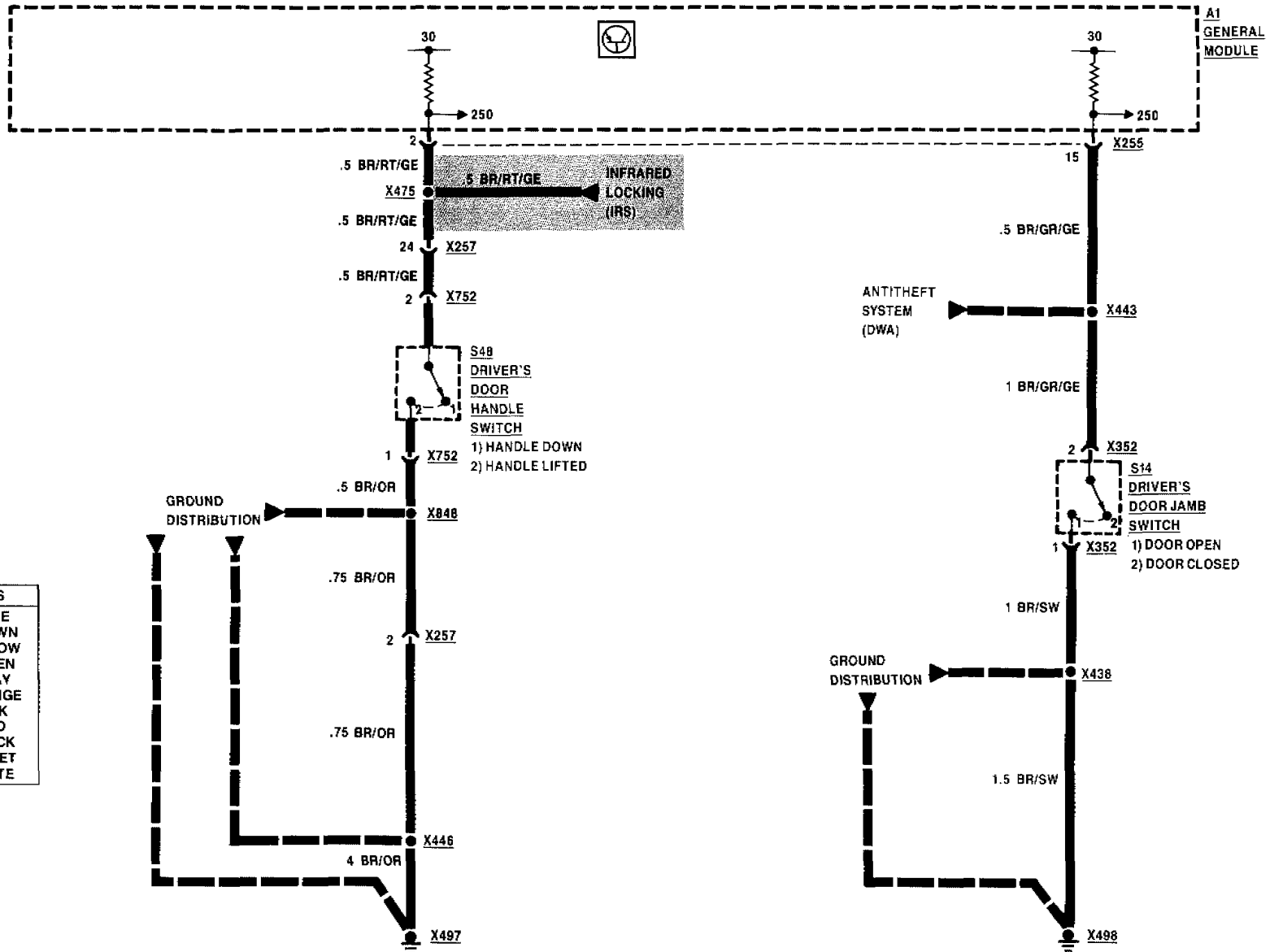
FUSE  
DETAILS

FUSE  
DETAILS

A1  
GENERAL  
MODULE



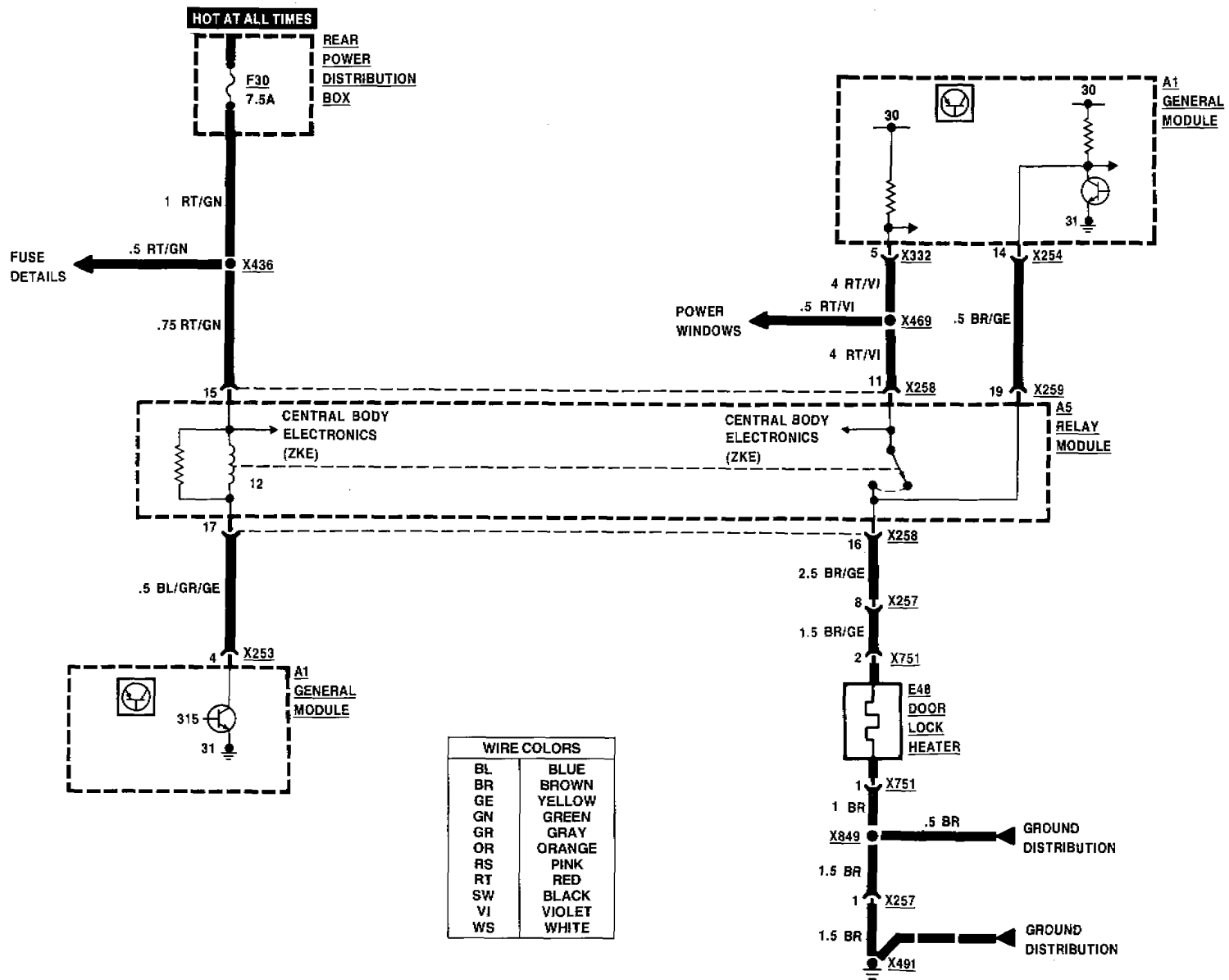
# DOOR LOCK HEATING (ZKE) INPUT DETAILS



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



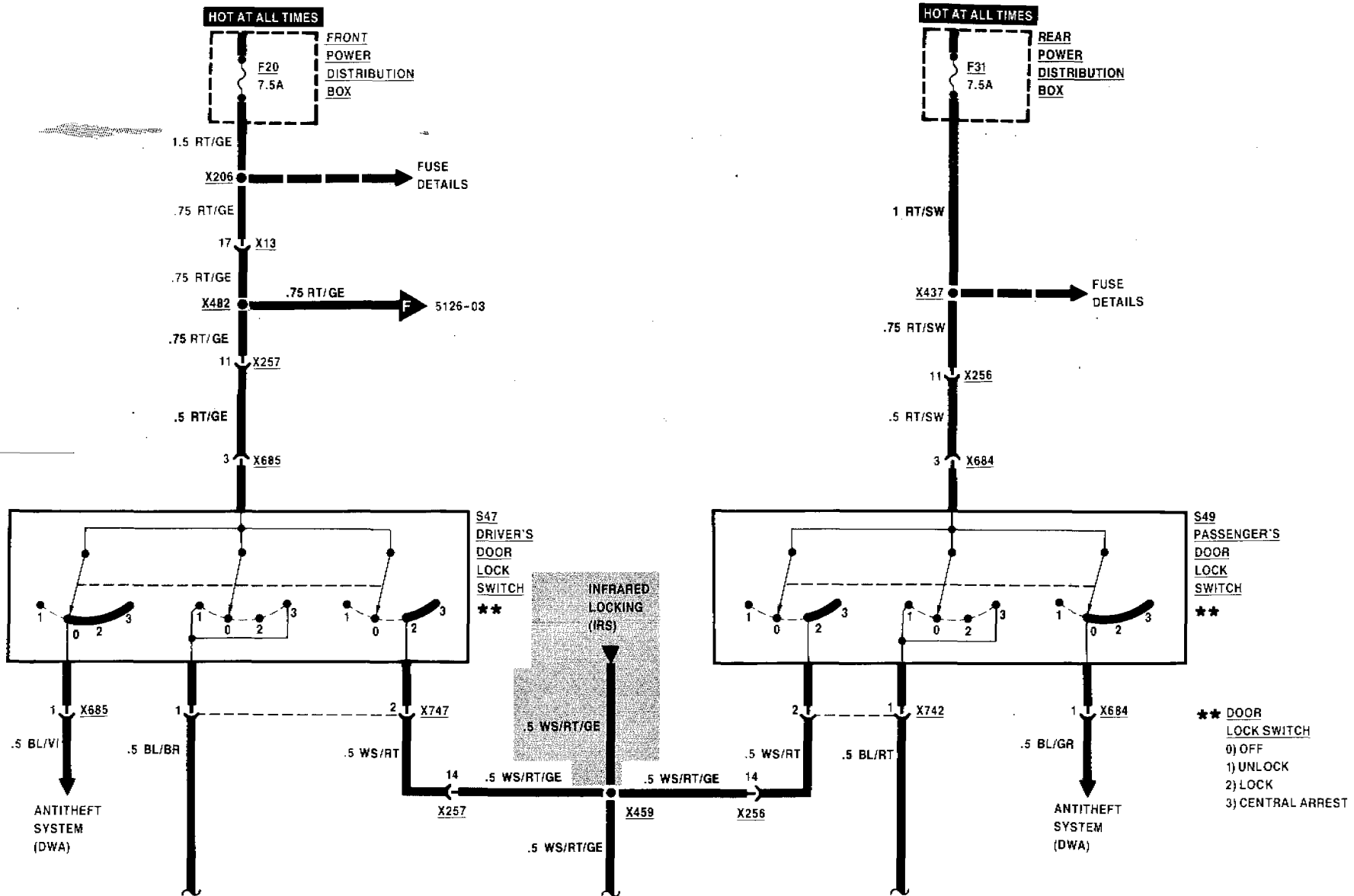
# DOOR LOCK HEATING (ZKE) OUTPUT DETAILS



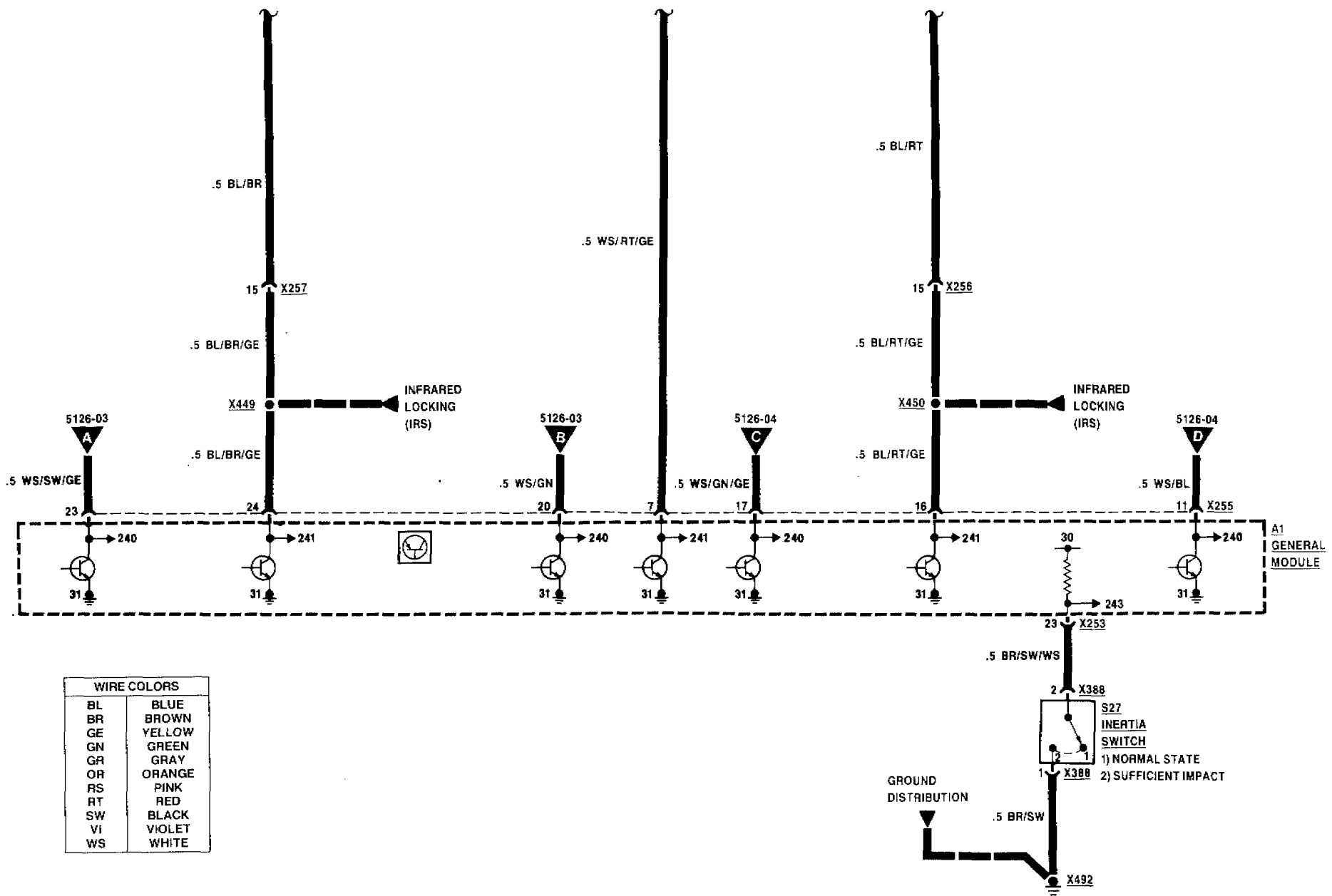


# CENTRAL LOCKING SYSTEM (ZKE)

## INPUT DETAILS



09/89  
5126-00  
1990

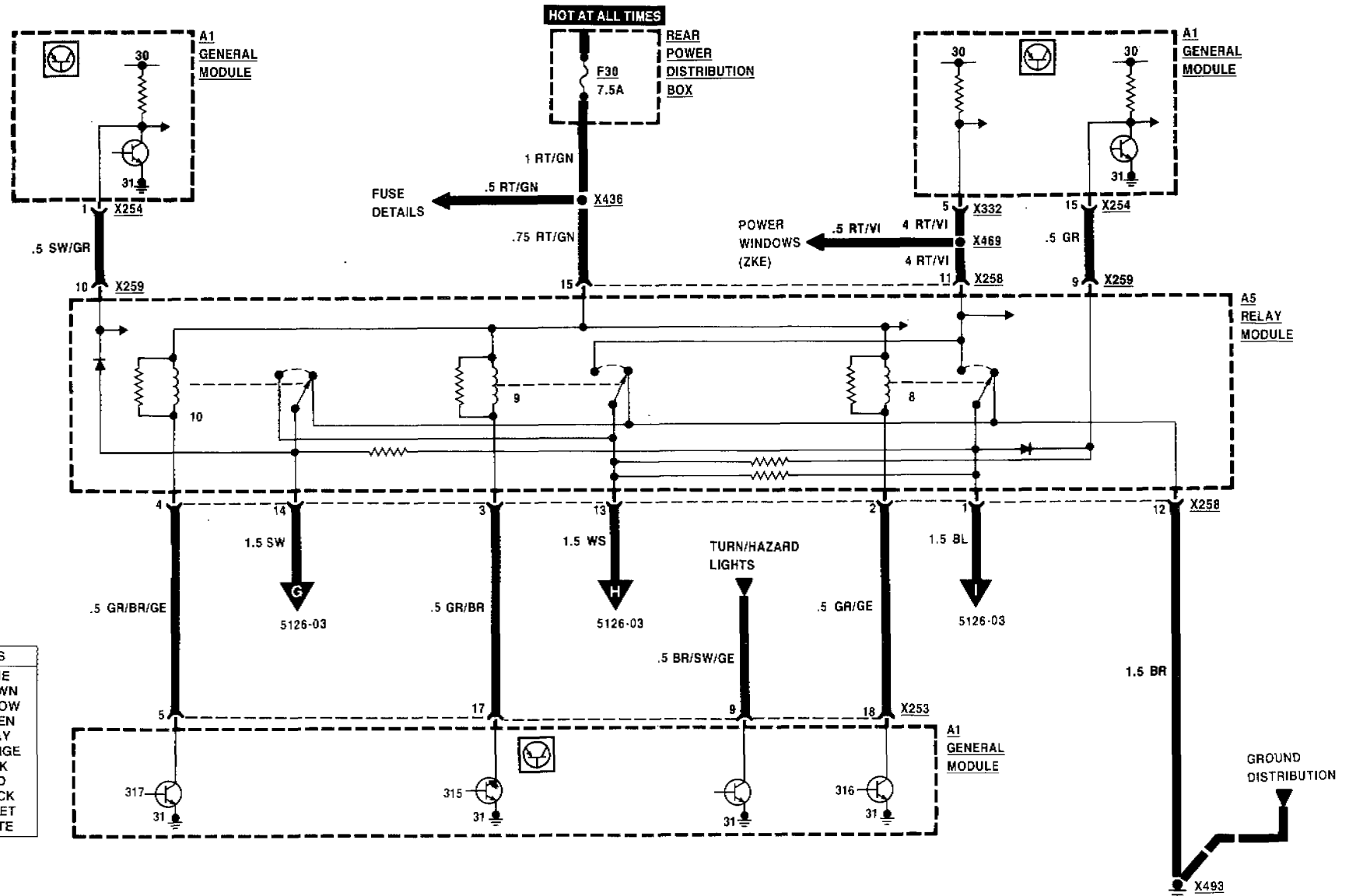


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# CENTRAL LOCKING SYSTEM (ZKE)

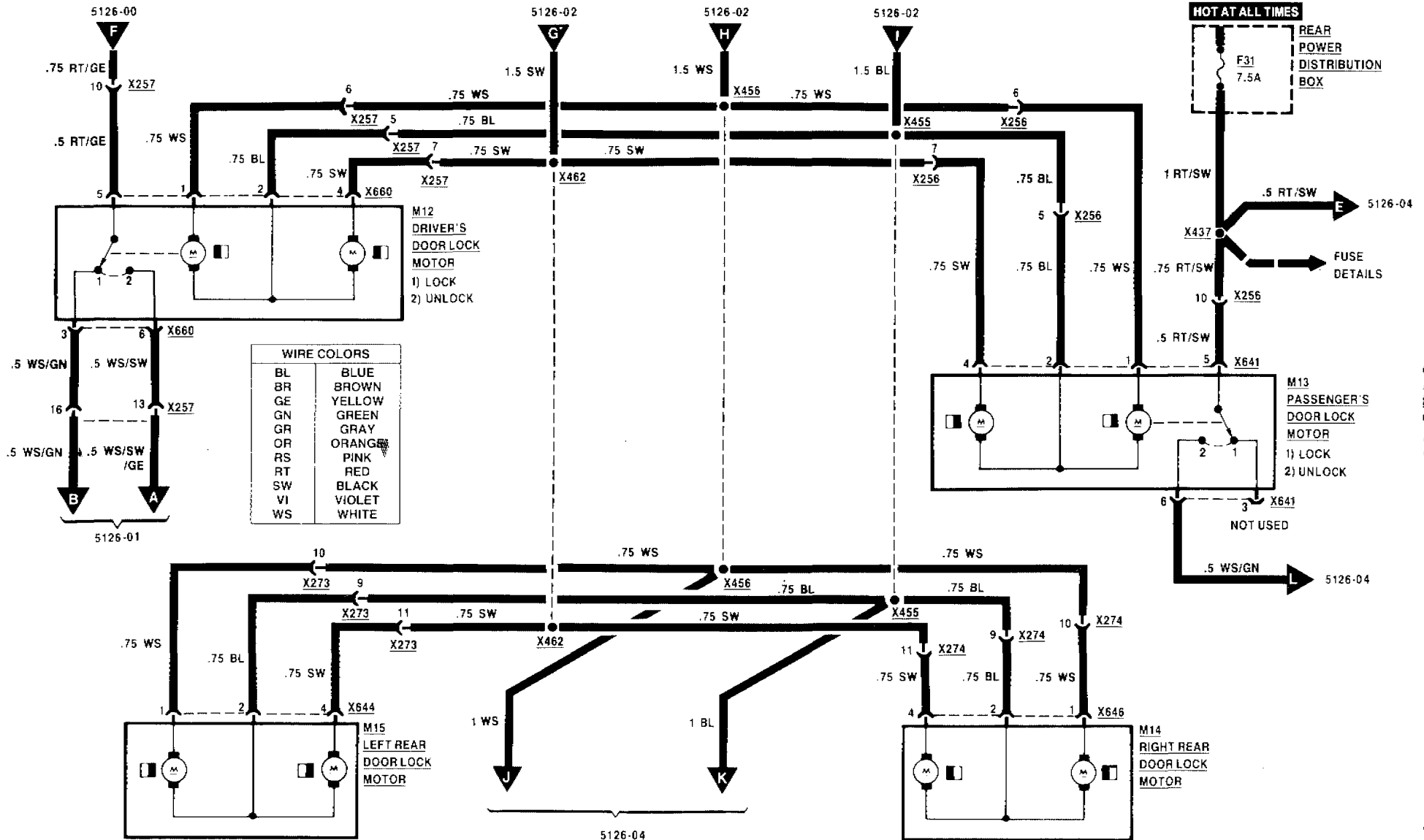
## OUTPUT DETAILS



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

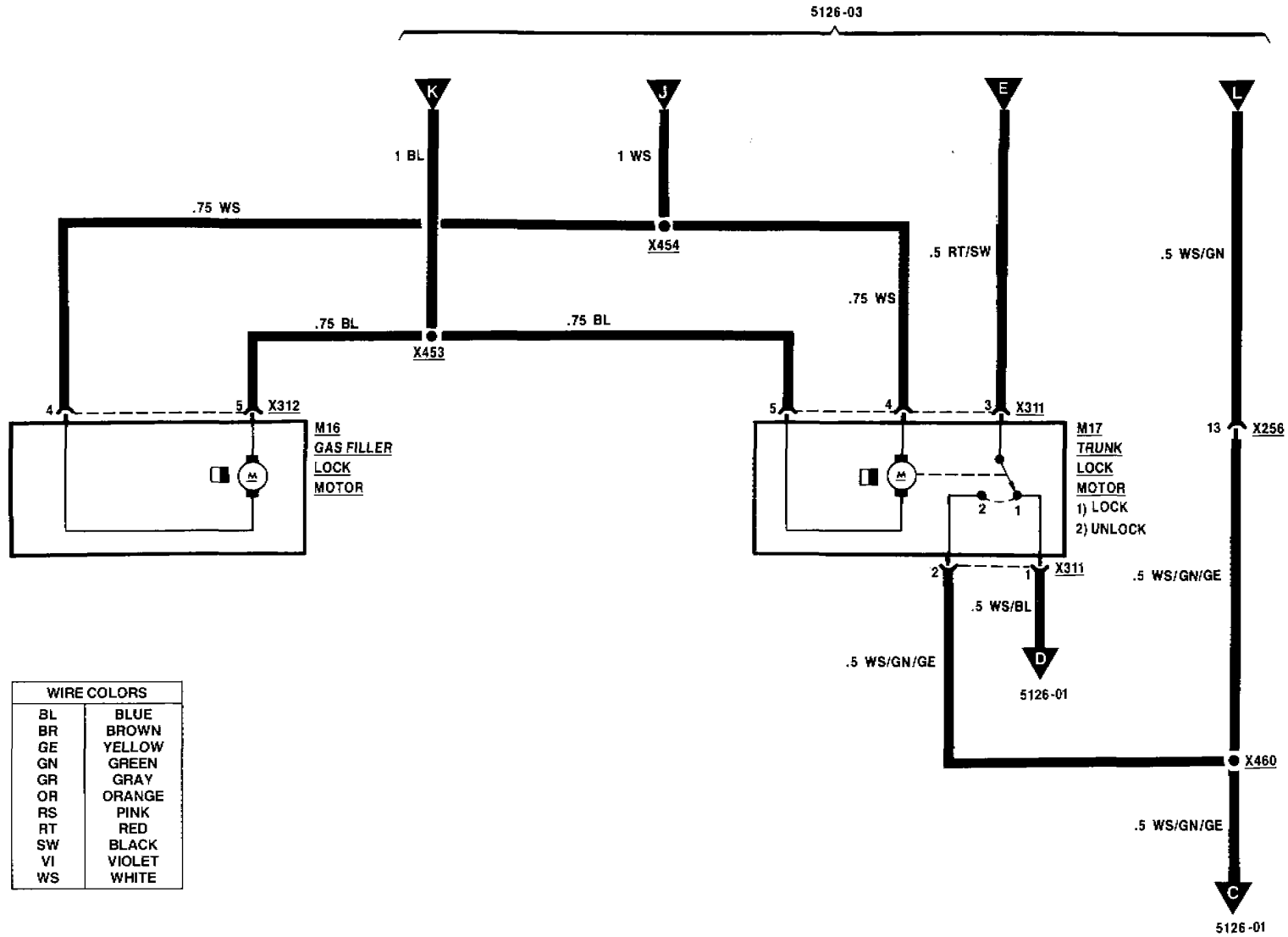


# CENTRAL LOCKING SYSTEM (ZKE) OUTPUT DETAILS





# CENTRAL LOCKING SYSTEM (ZKE) OUTPUT DETAILS

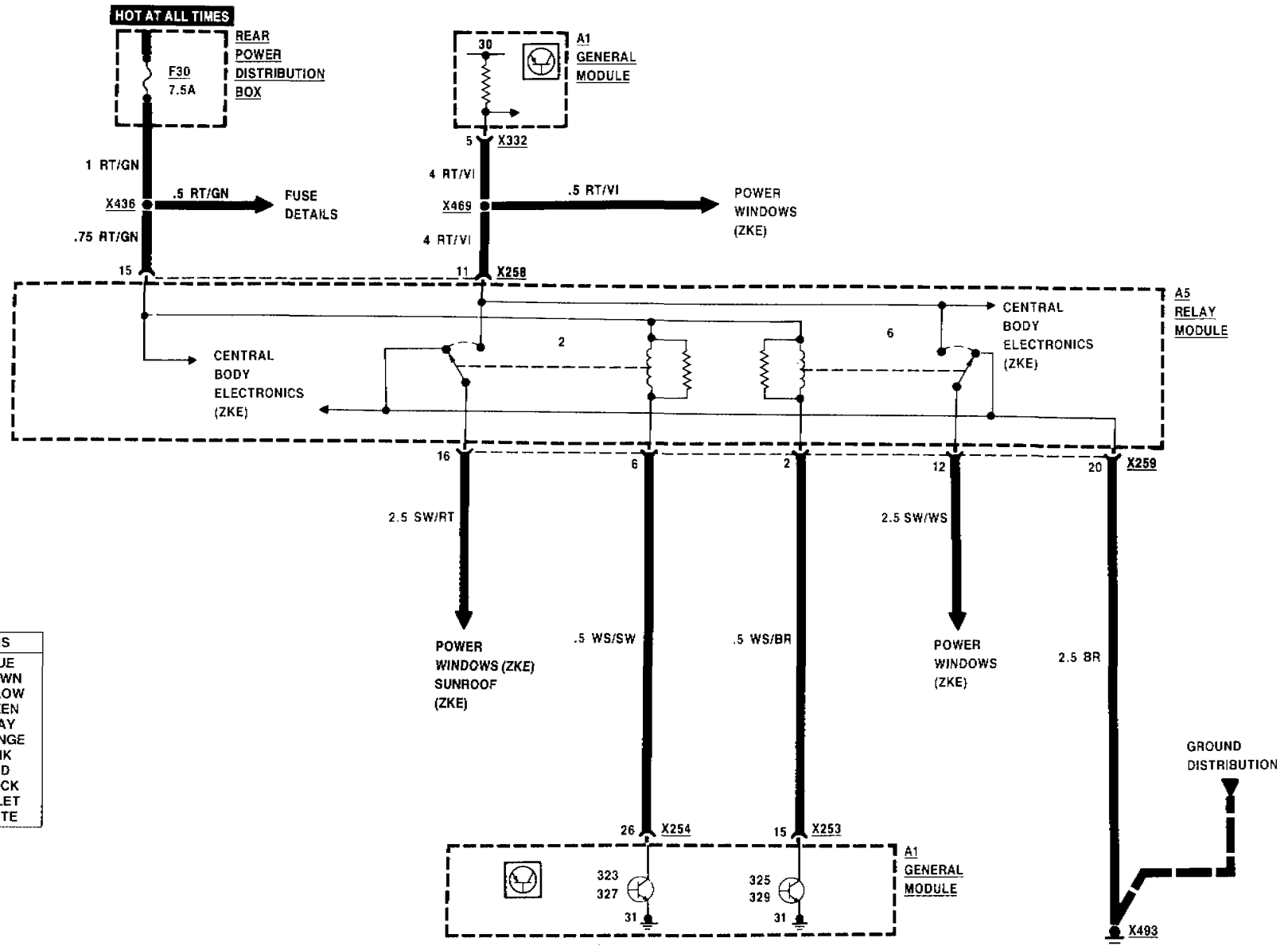






# CENTRAL LOCKING SYSTEM (ZKE)

## OUTPUT DETAILS



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



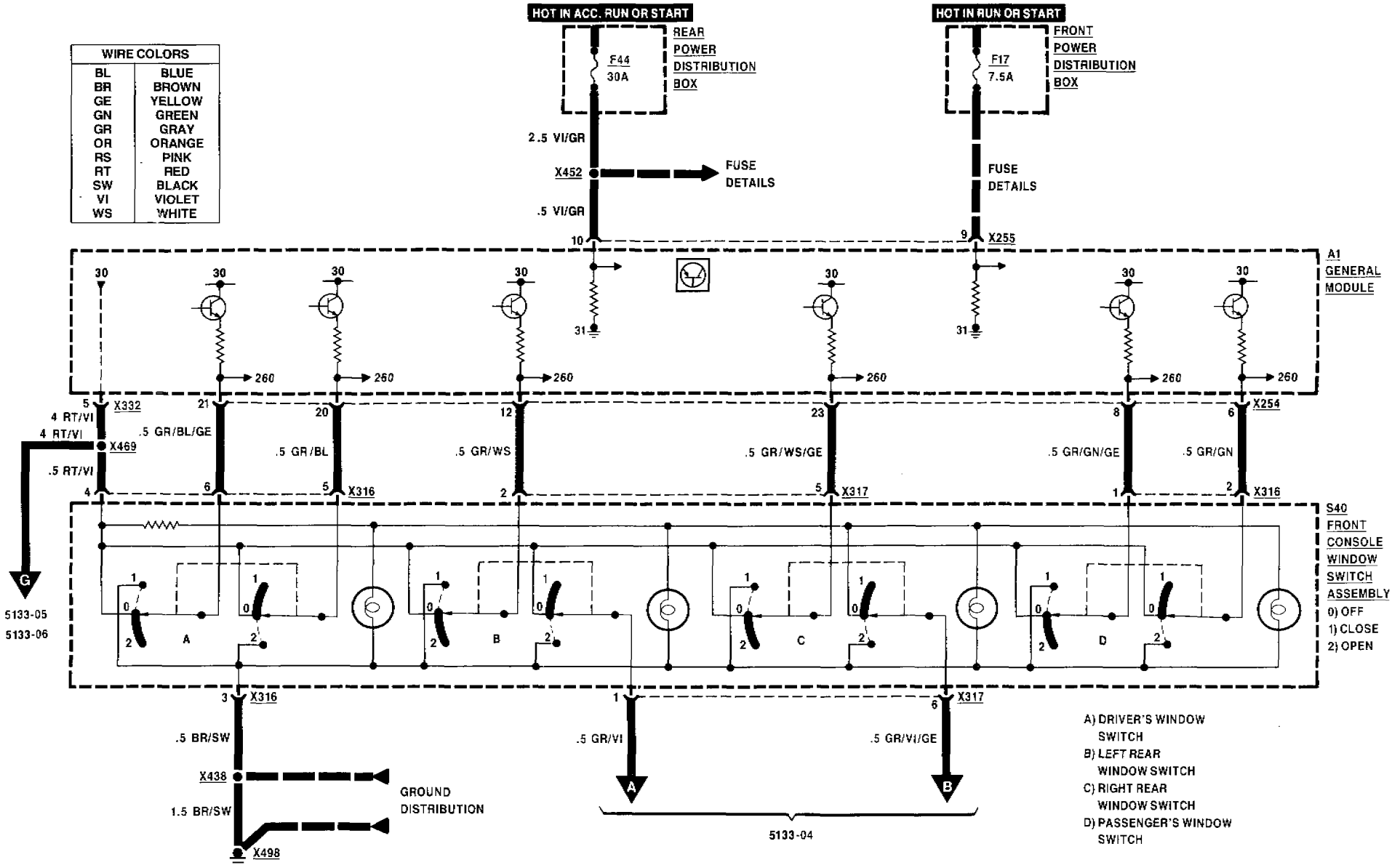
# POWER WINDOWS (ZKE) INPUT DETAILS

09/89

5133-00

1990

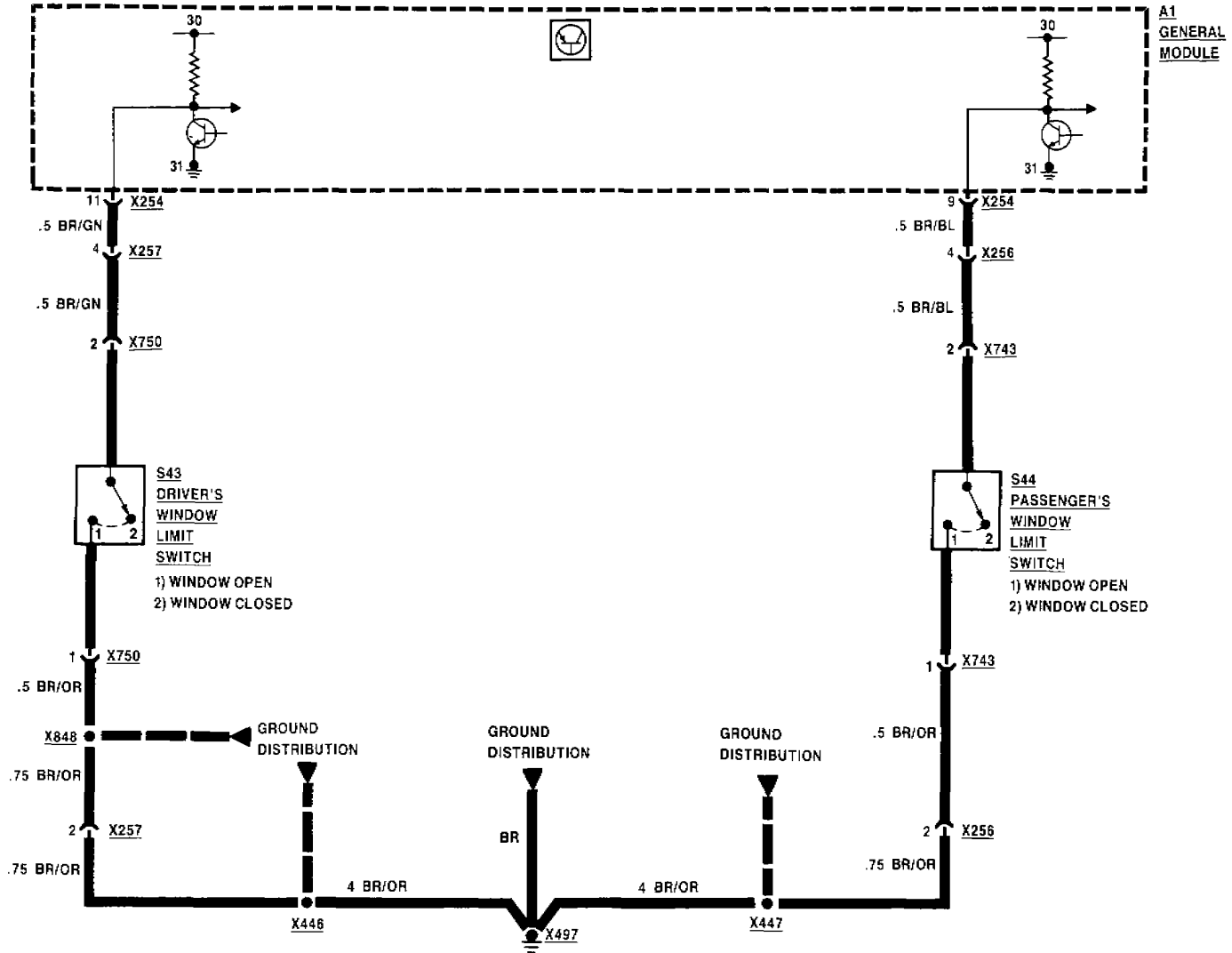
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# POWER WINDOWS (ZKE)

## INPUT DETAILS

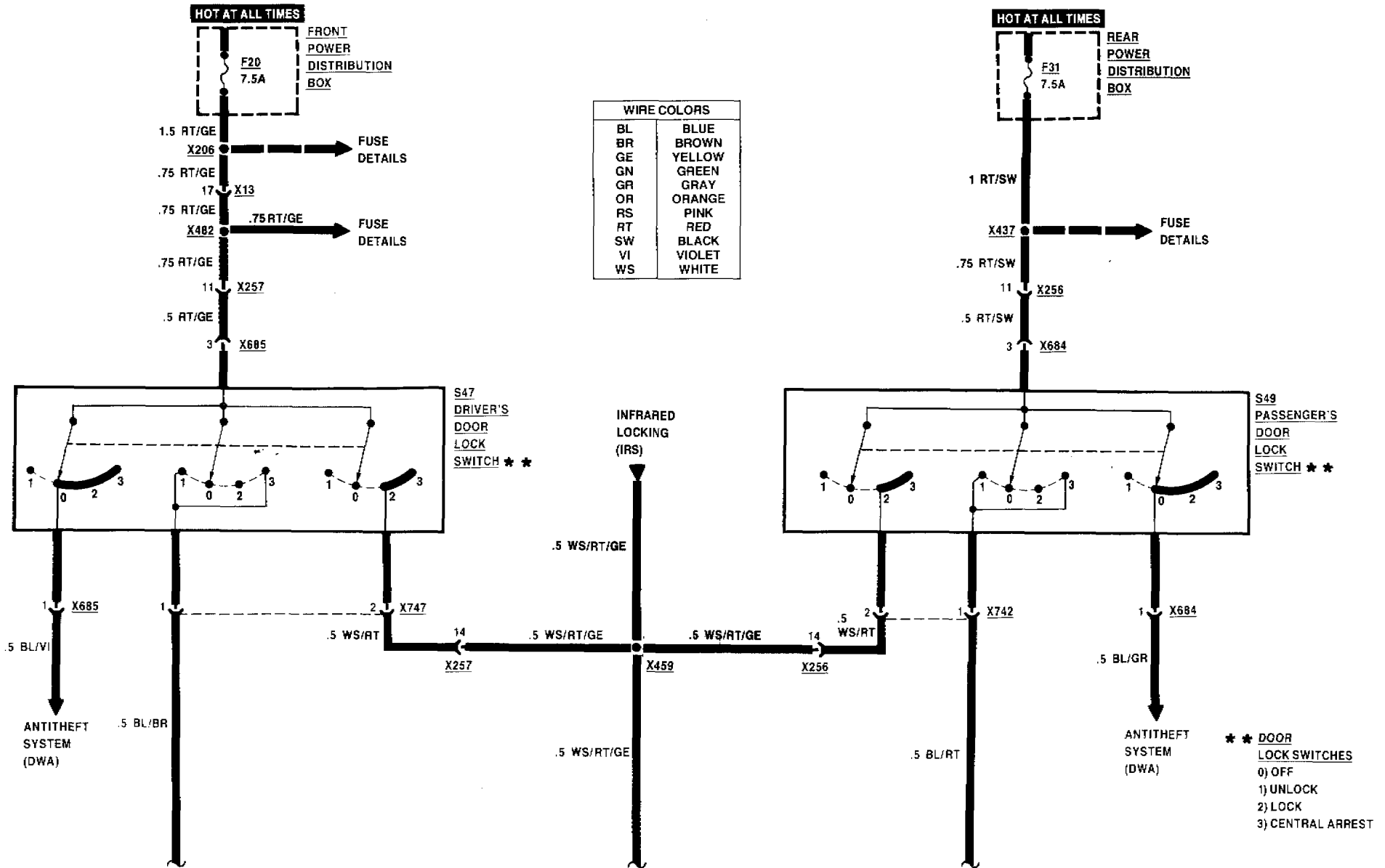


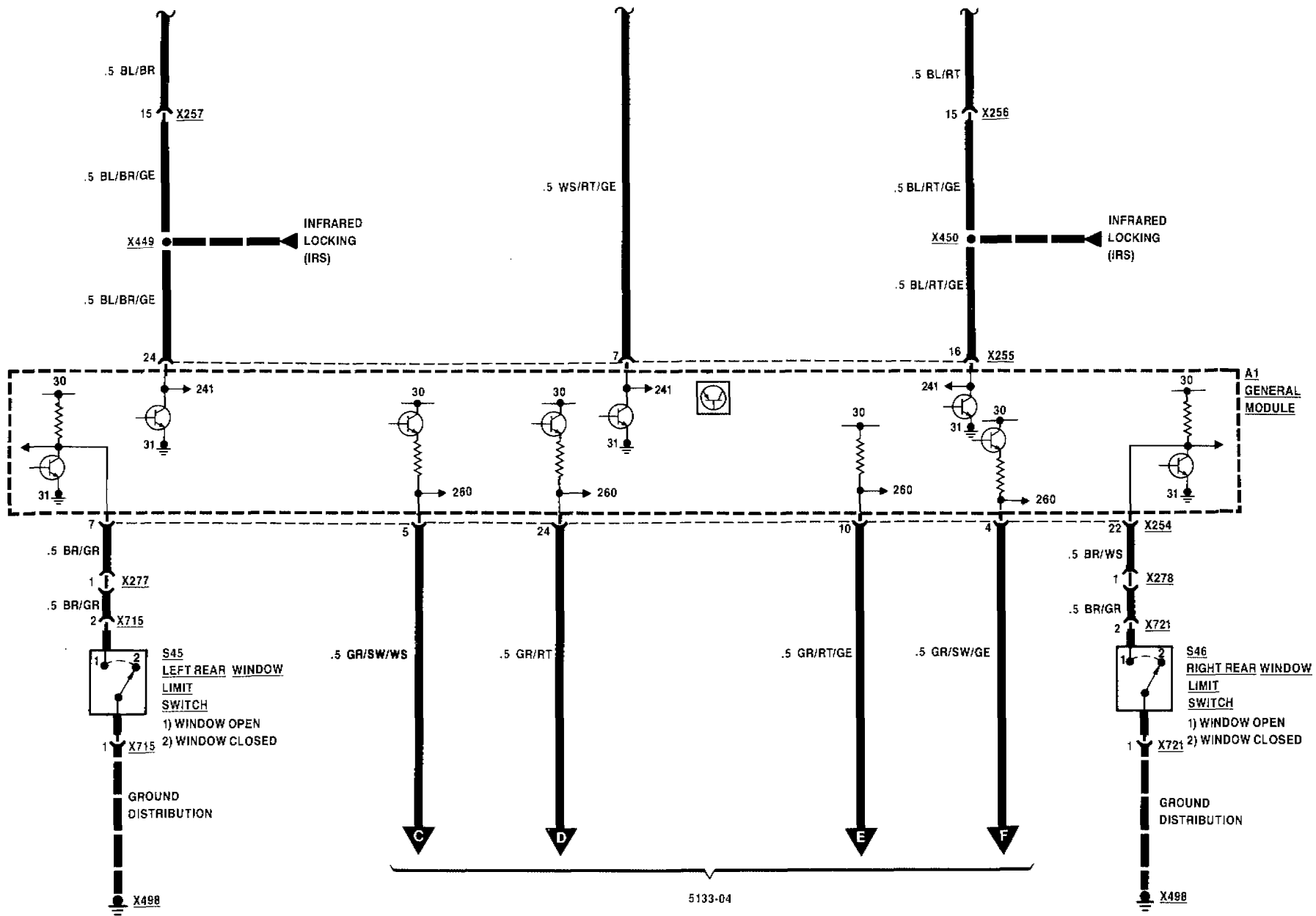
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# POWER WINDOWS (ZKE)

## INPUT DETAILS



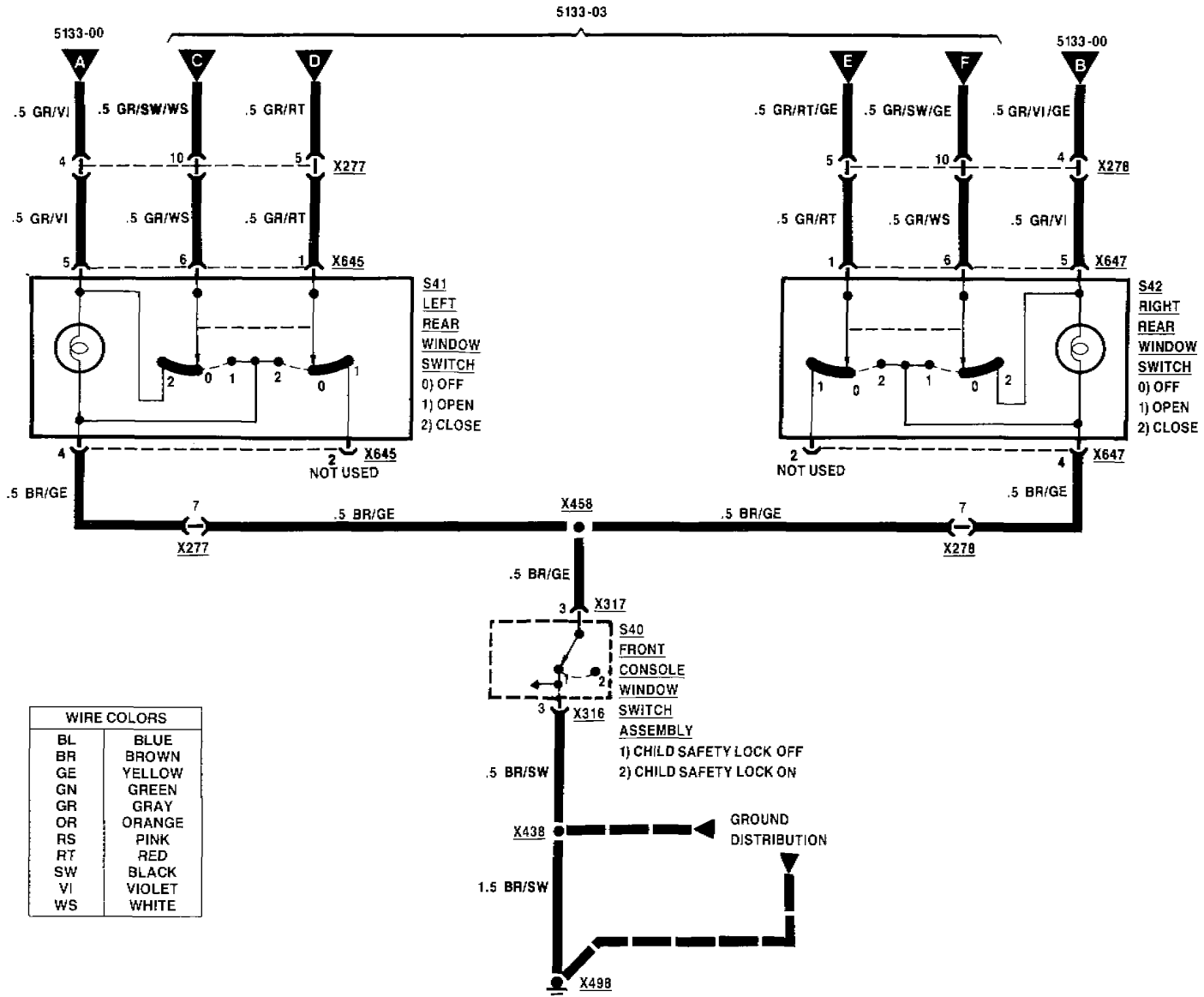


5133-04



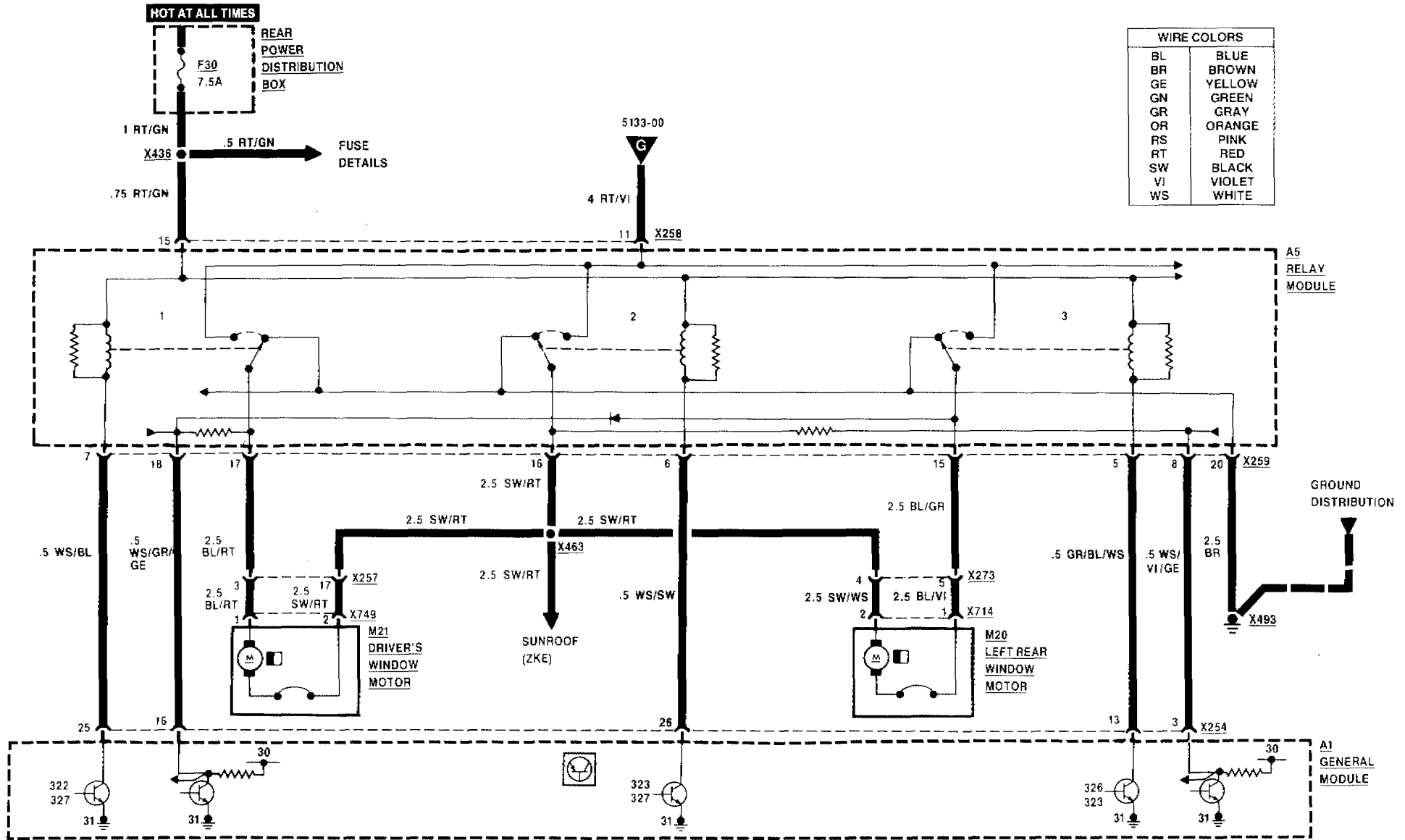
# POWER WINDOWS (ZKE)

## INPUT DETAILS





# POWER WINDOWS (ZKE) LEFT SIDE OUTPUT DETAILS



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

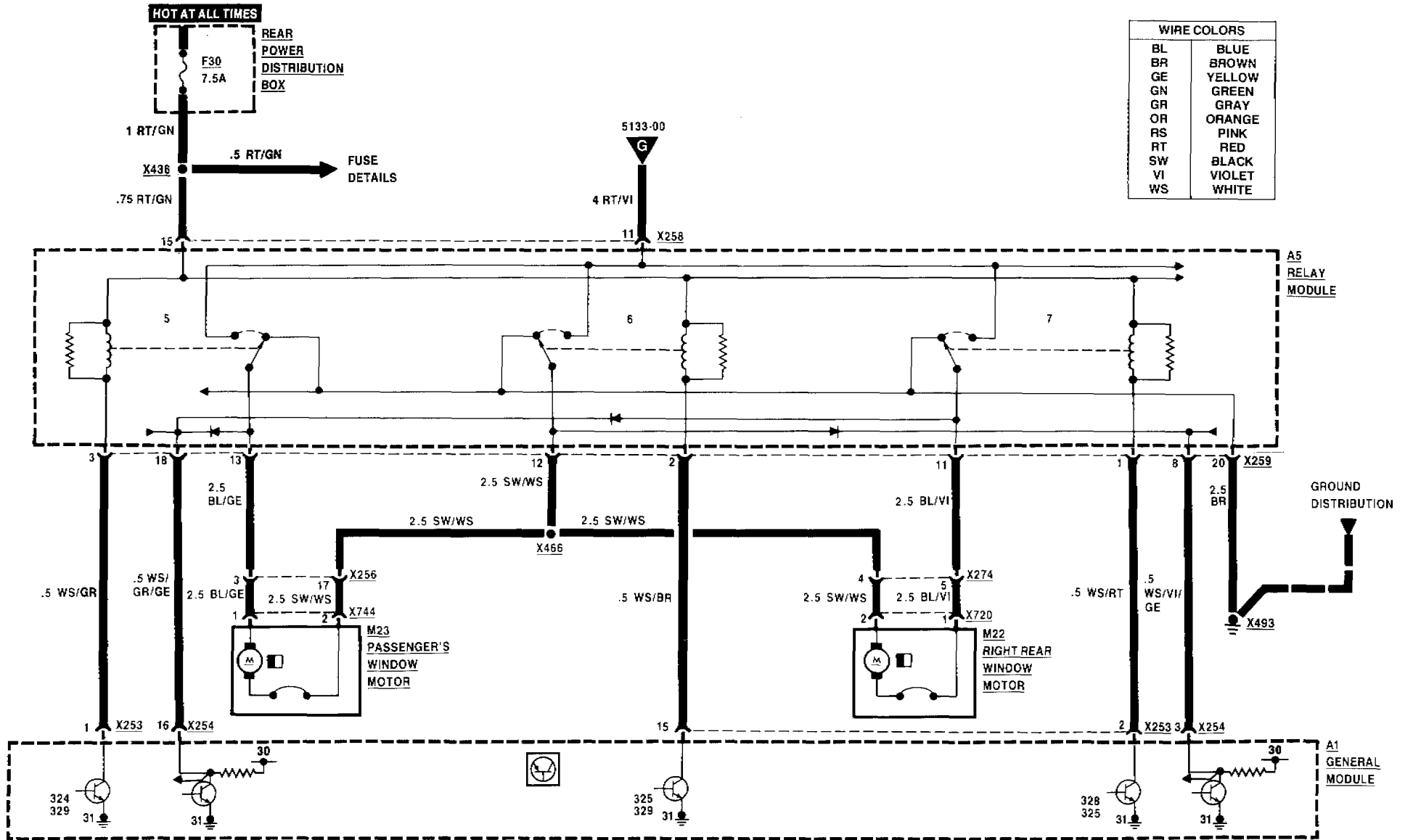
09/89

5133-05

1990



# POWER WINDOWS (ZKE) RIGHT SIDE OUTPUT DETAILS



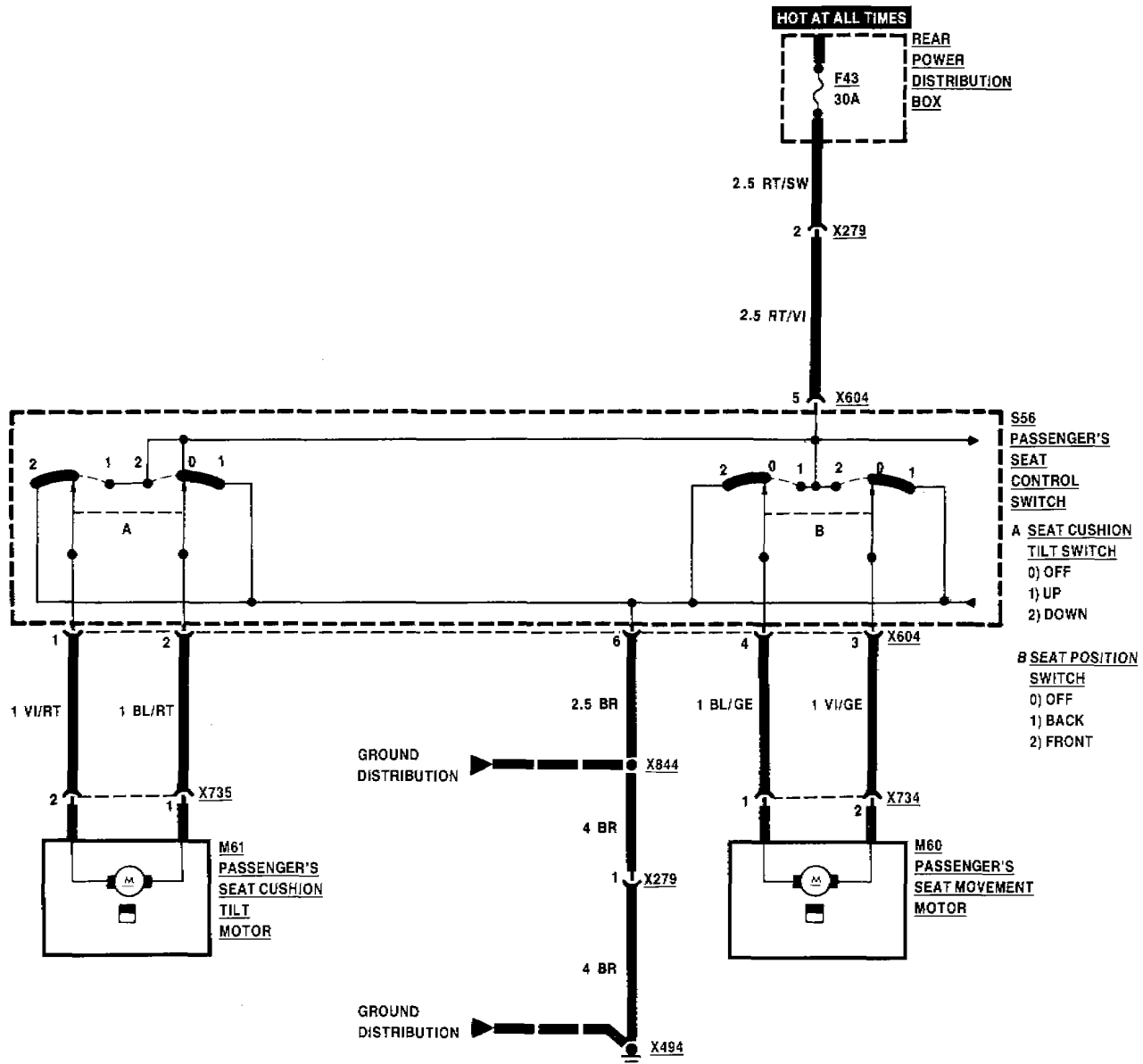
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# POWER SEATS

## PASSENGER'S SEAT



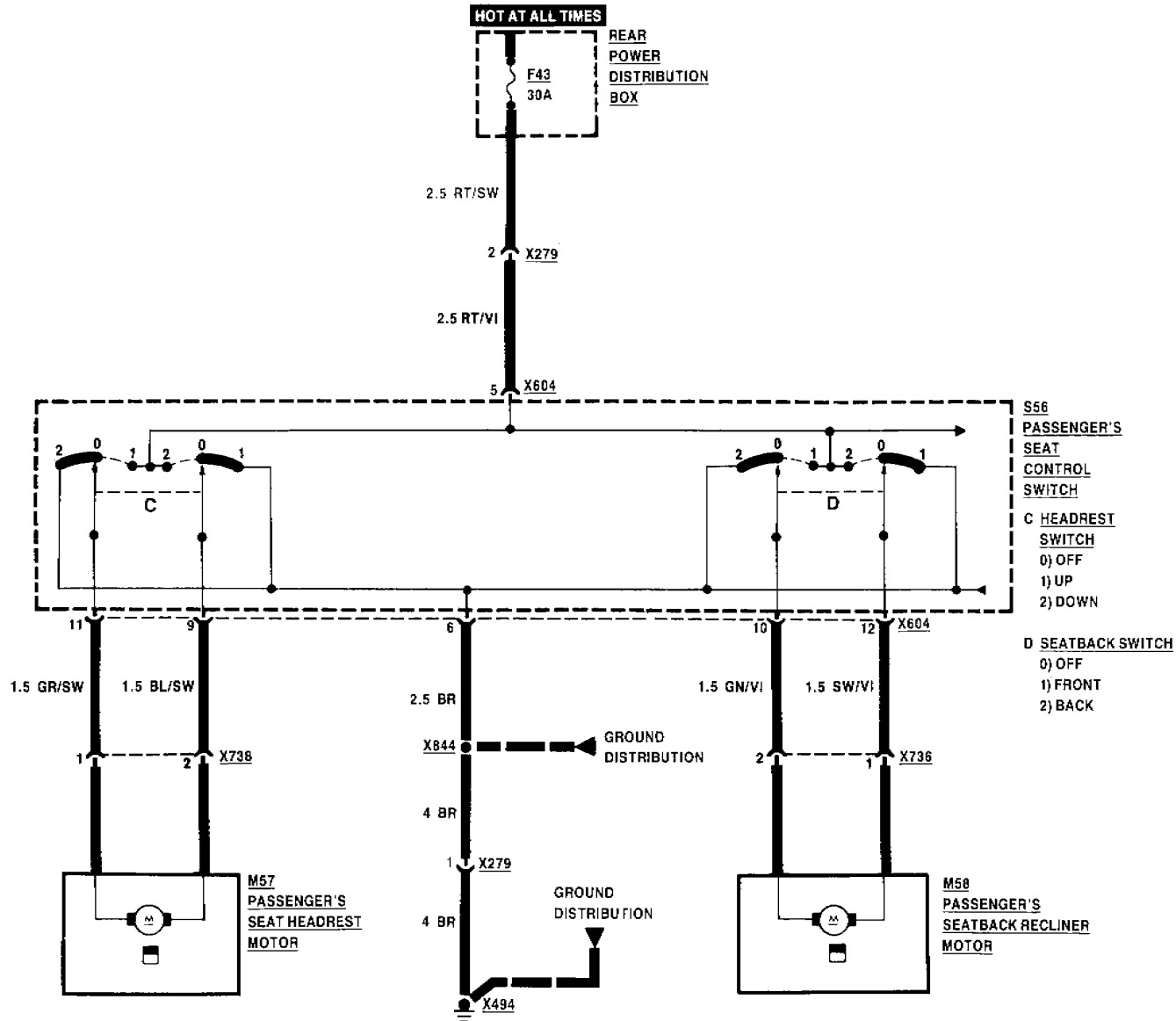
- S56**  
**PASSENGER'S SEAT CONTROL SWITCH**
- A SEAT CUSHION TILT SWITCH**  
 0) OFF  
 1) UP  
 2) DOWN
- B SEAT POSITION SWITCH**  
 0) OFF  
 1) BACK  
 2) FRONT

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



# POWER SEATS

## PASSENGER'S SEAT

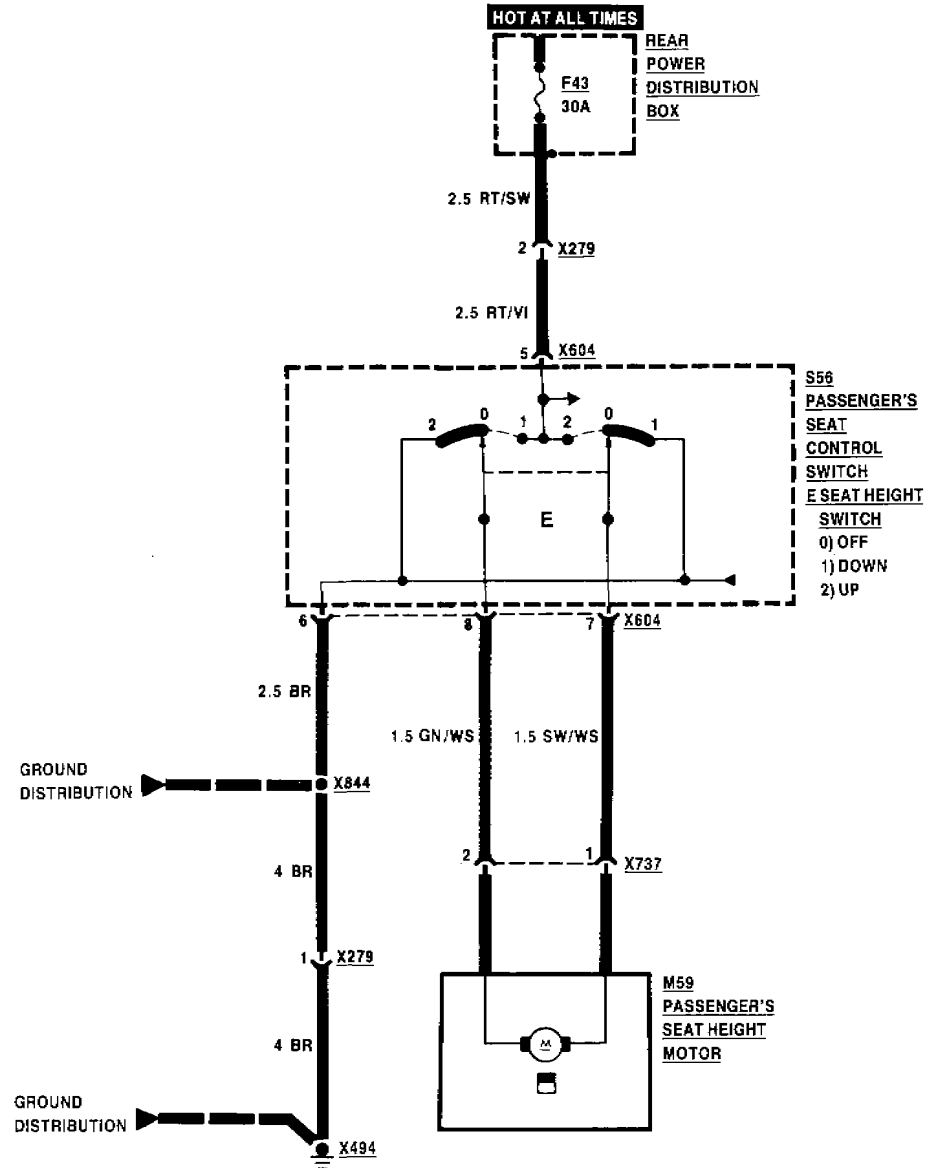


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# POWER SEATS

## PASSENGER'S SEAT

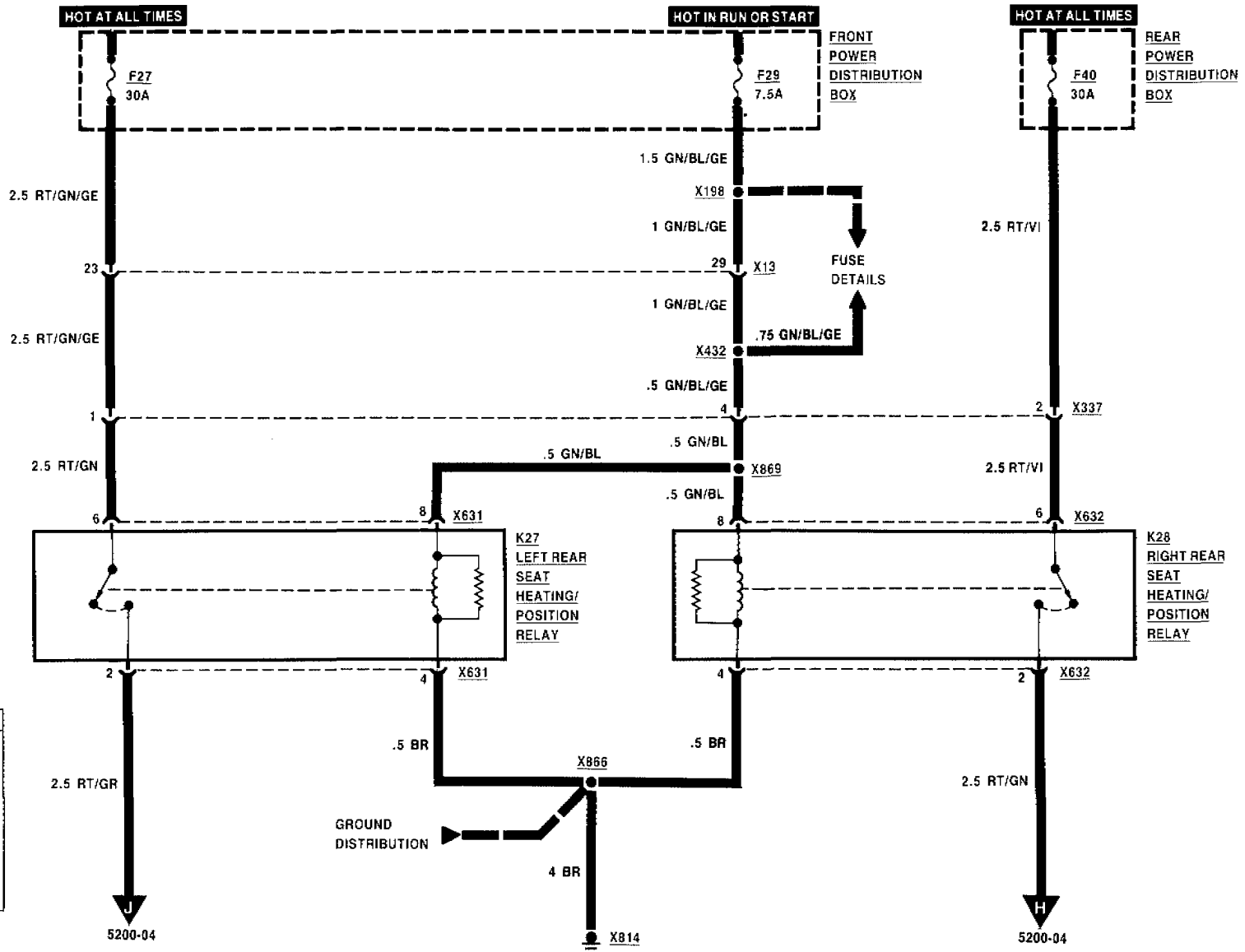


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# POWER SEATS REAR SEATS

735iL, 750iL



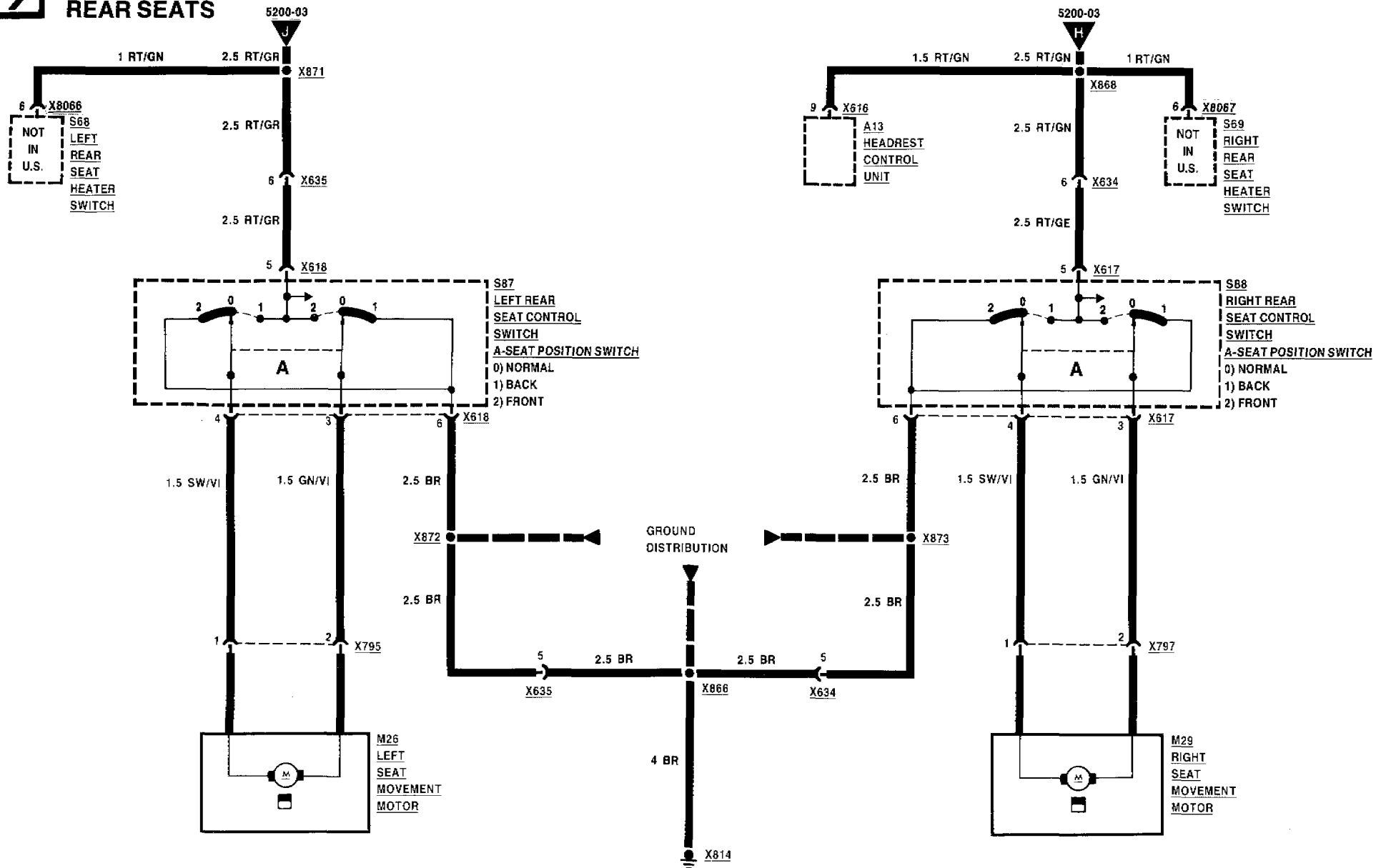
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# POWER SEATS

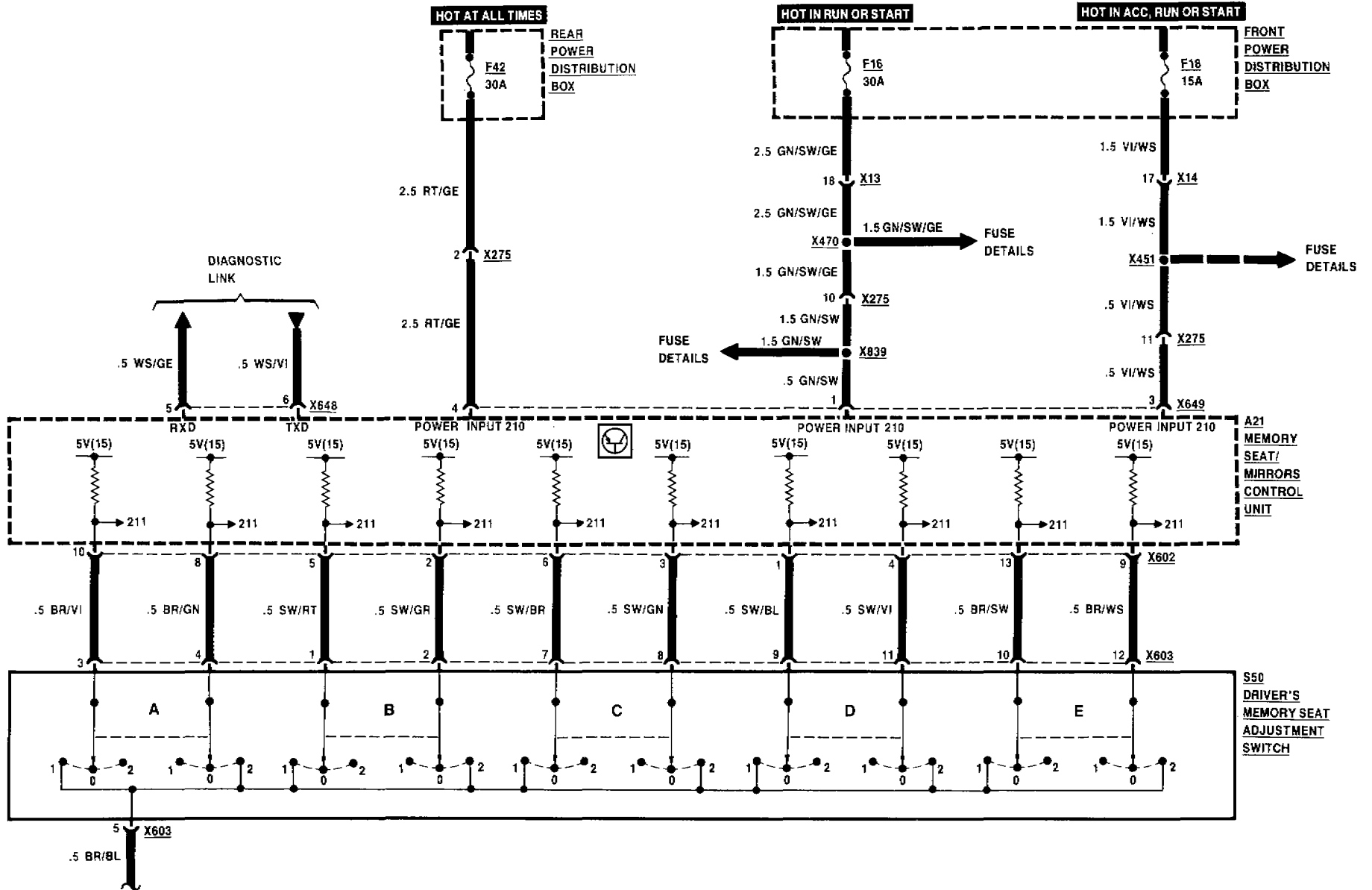
## REAR SEATS

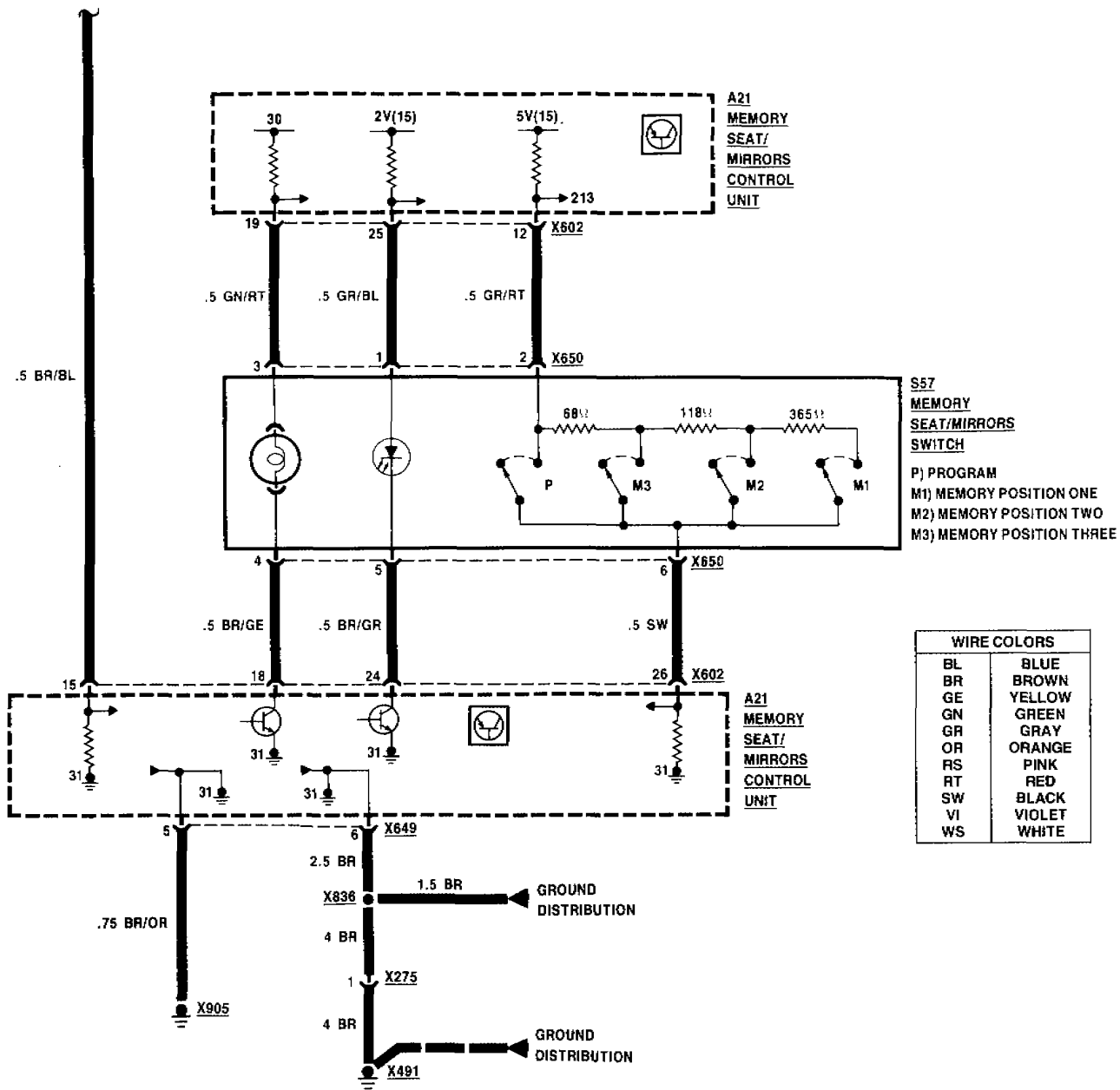
735iL, 750iL





# MEMORY SEAT



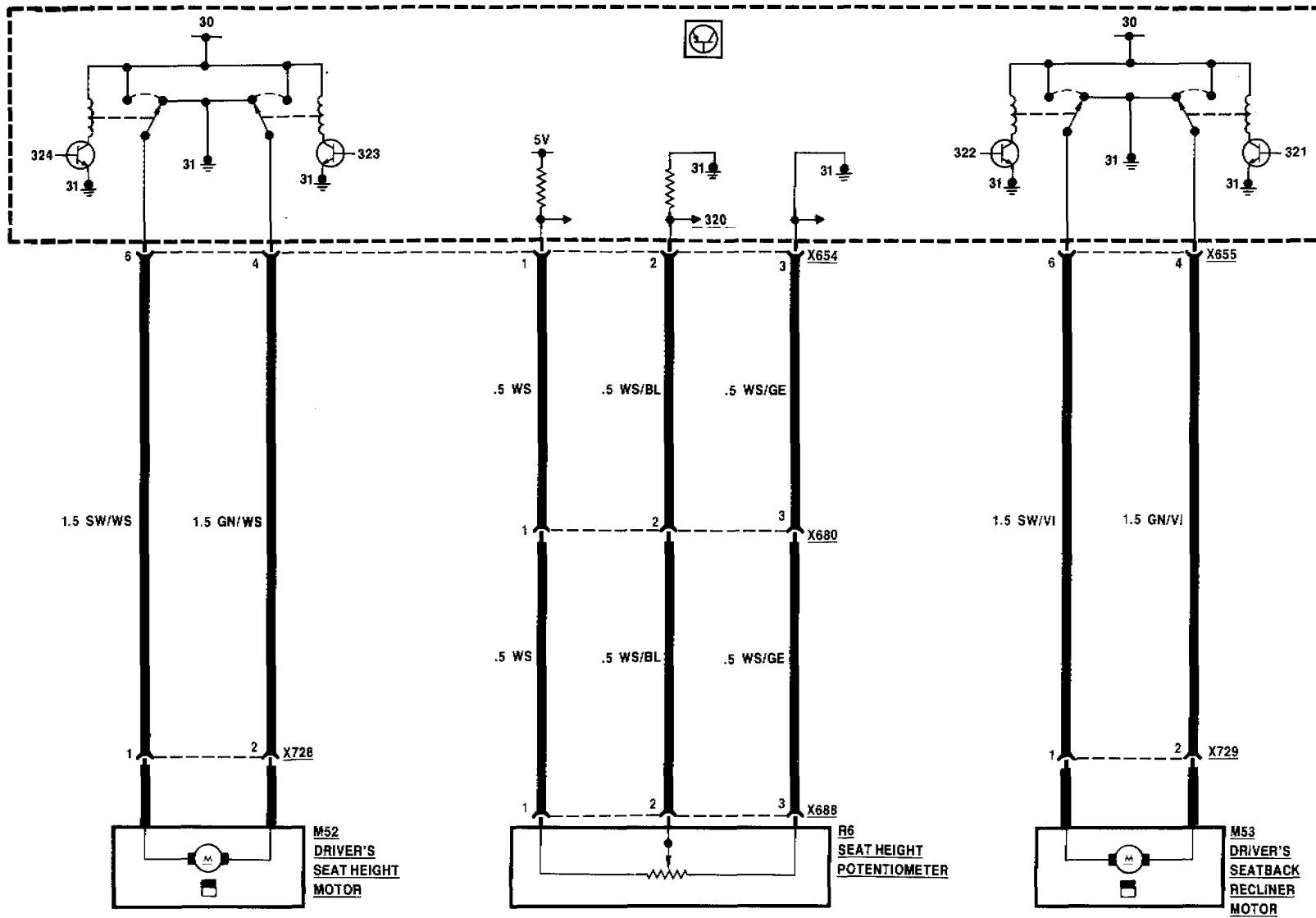


**S57**  
**MEMORY SEAT/MIRRORS SWITCH**  
 P) PROGRAM  
 M1) MEMORY POSITION ONE  
 M2) MEMORY POSITION TWO  
 M3) MEMORY POSITION THREE

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

- S50**  
**DRIVER'S MEMORY SEAT ADJUSTMENT SWITCH**  
**A SEAT POSITION SWITCH**  
 0) OFF  
 1) FORWARD  
 2) BACK  
**B SEAT CUSHION TILT SWITCH**  
 0) OFF  
 1) UP  
 2) DOWN  
**C SEAT HEIGHT SWITCH**  
 0) OFF  
 1) UP  
 2) DOWN  
**D HEADREST SWITCH**  
 0) OFF  
 1) UP  
 2) DOWN  
**E SEATBACK SWITCH**  
 0) OFF  
 1) FRONT  
 2) BACK

**BMW**  
**7** **MEMORY SEAT**



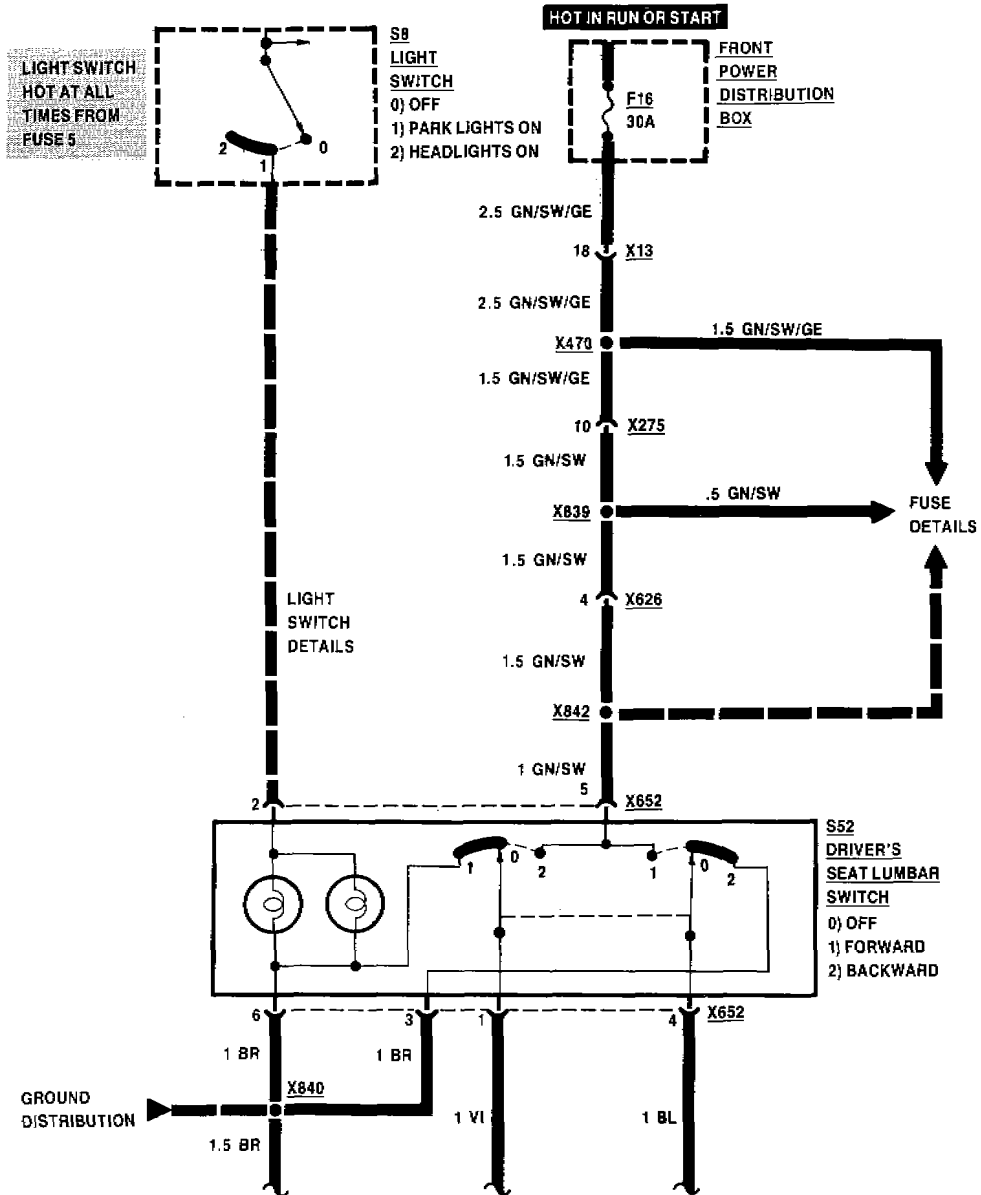
**A21**  
**MEMORY**  
**SEAT/MIRRORS**  
**CONTROL UNIT**

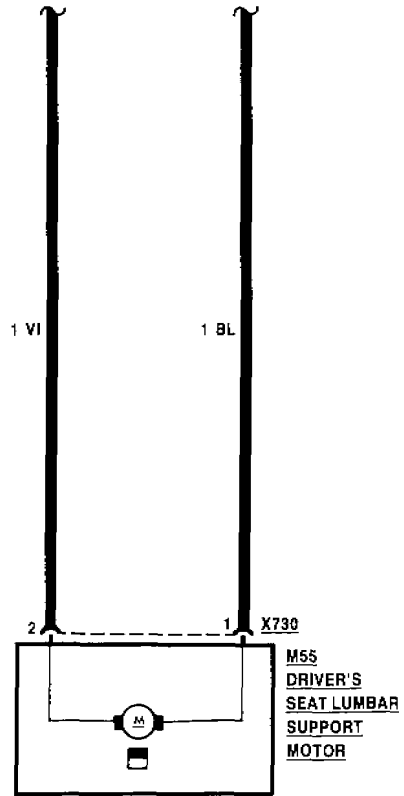
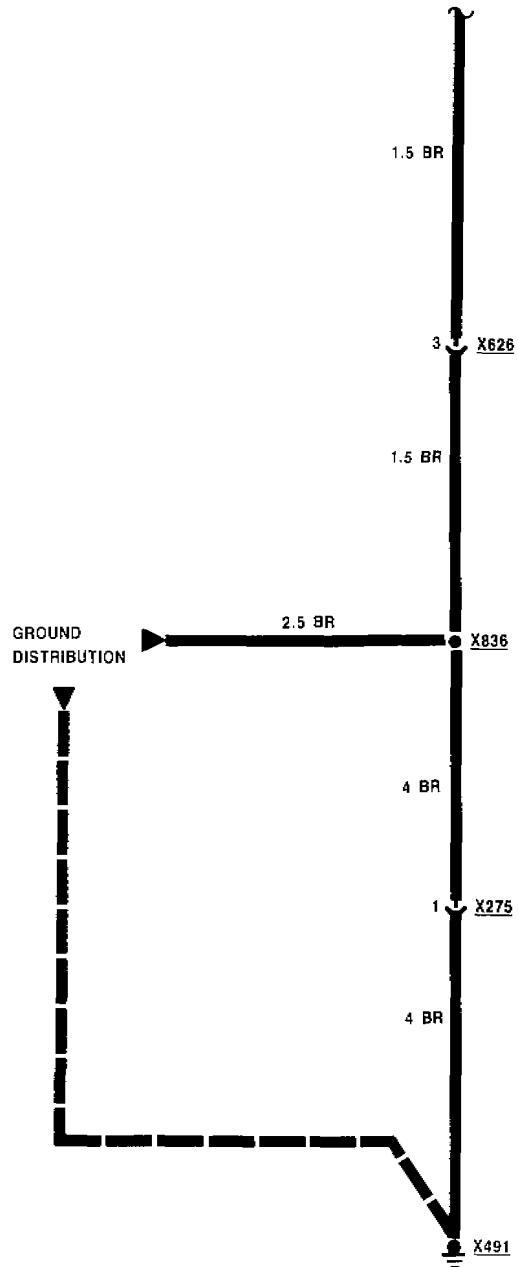
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# LUMBAR SUPPORT DRIVER'S SEAT WITH MEMORY



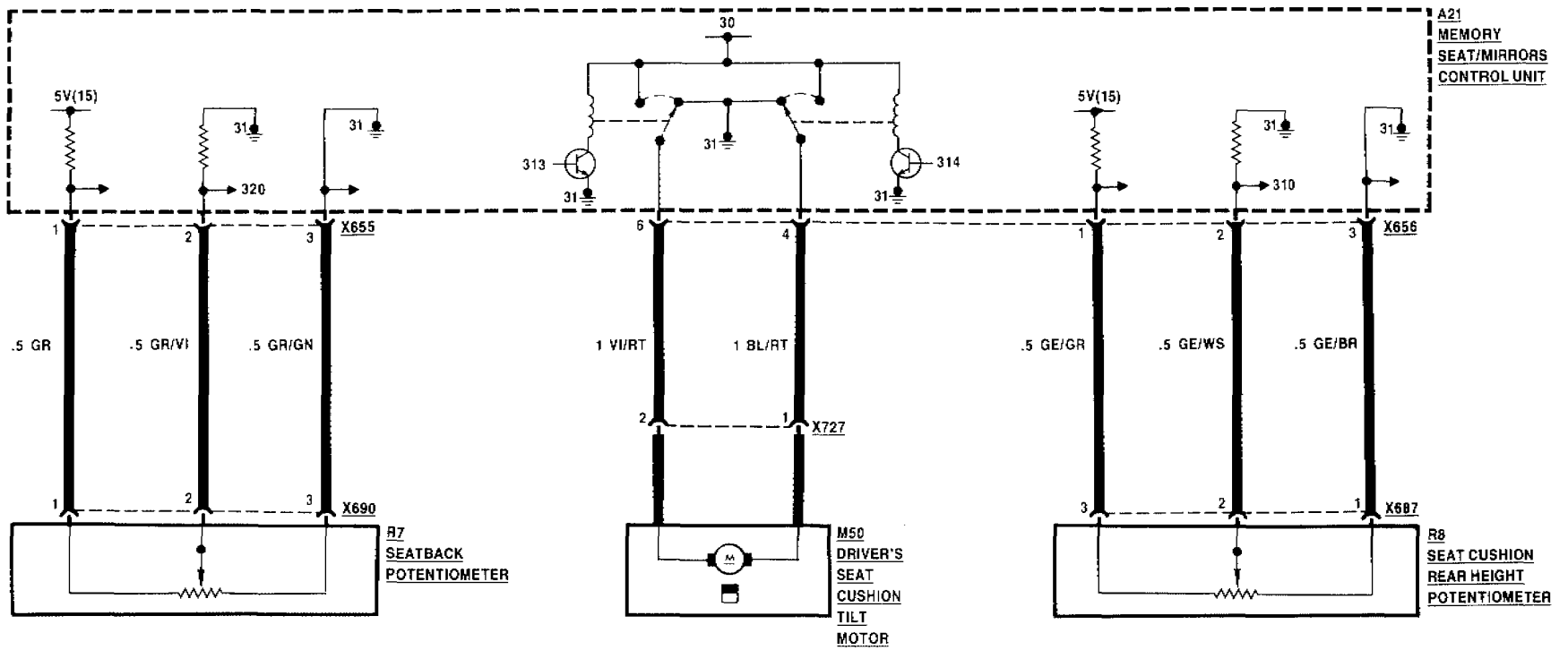


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



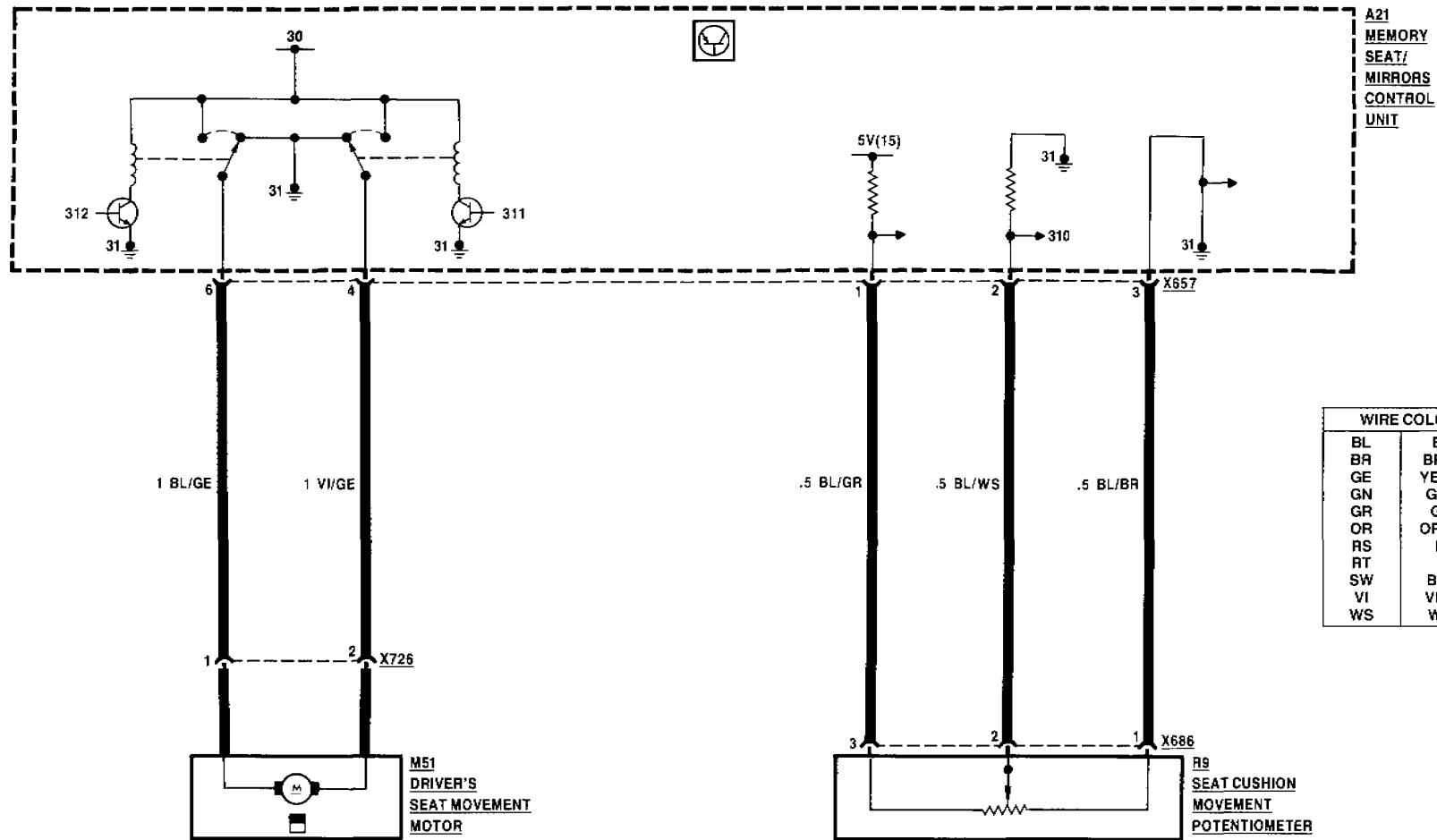


# MEMORY SEAT

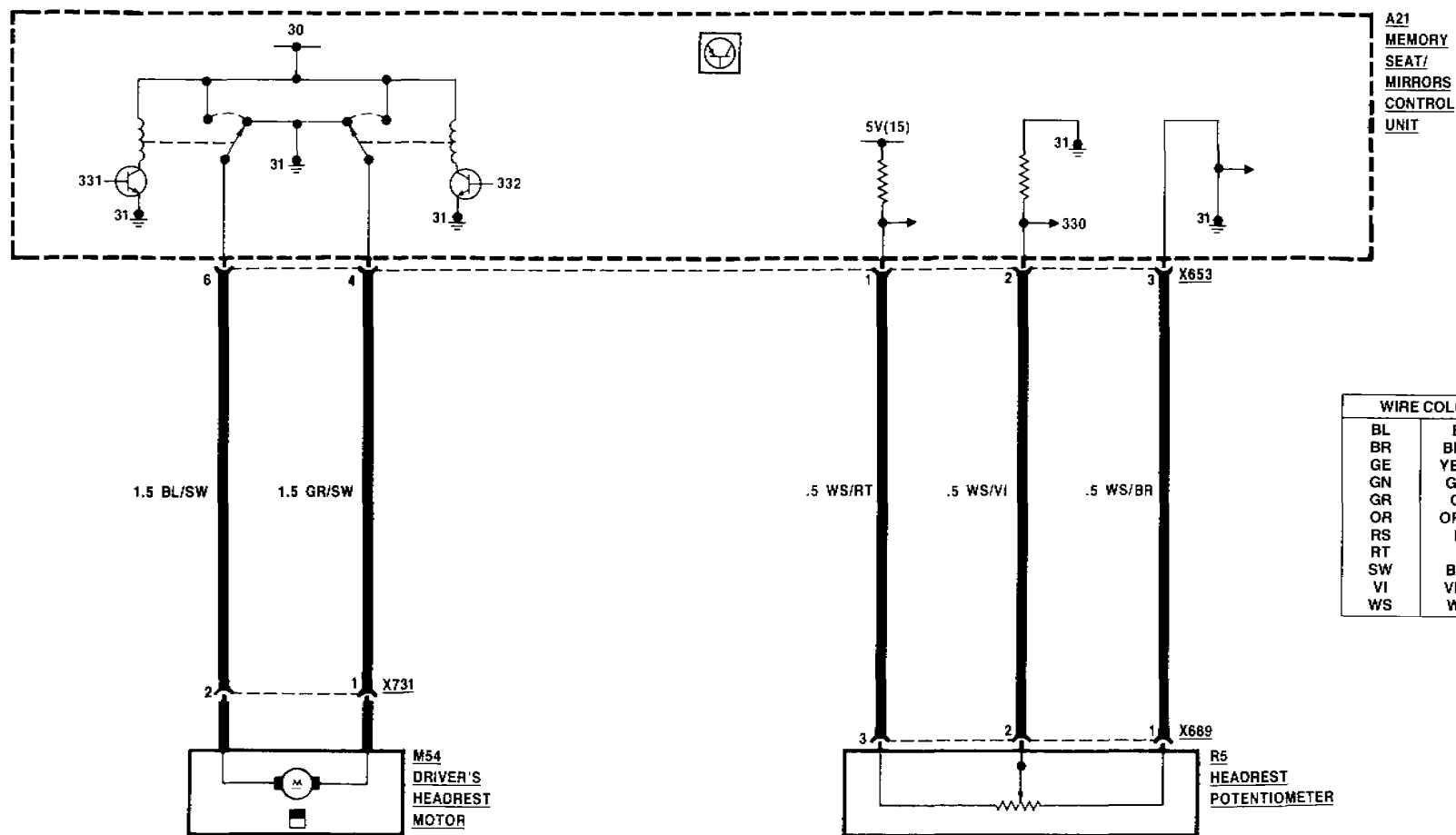




# MEMORY SEAT



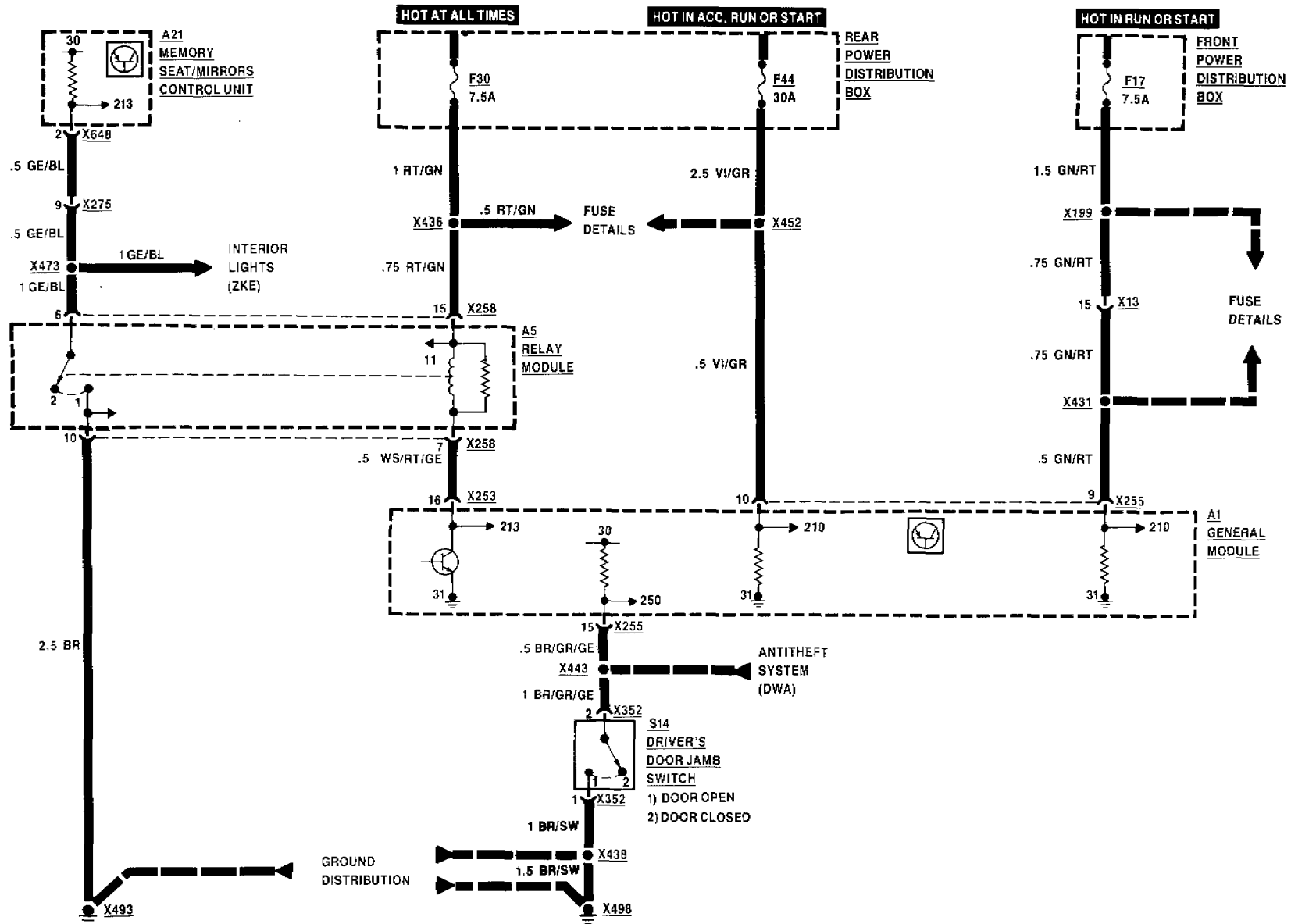
**BMW**  
**7** **MEMORY SEAT**

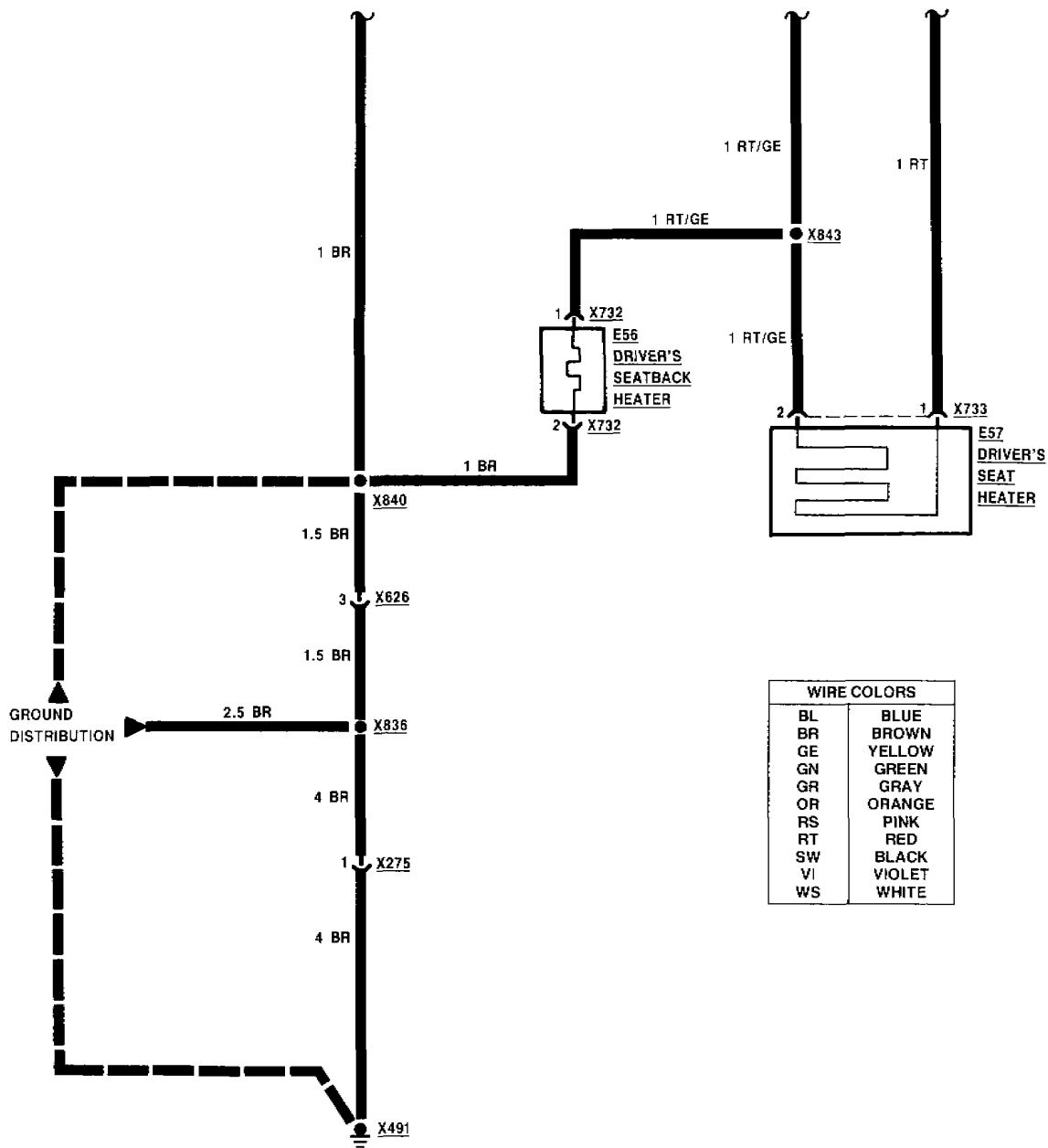


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# MEMORY SEAT





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





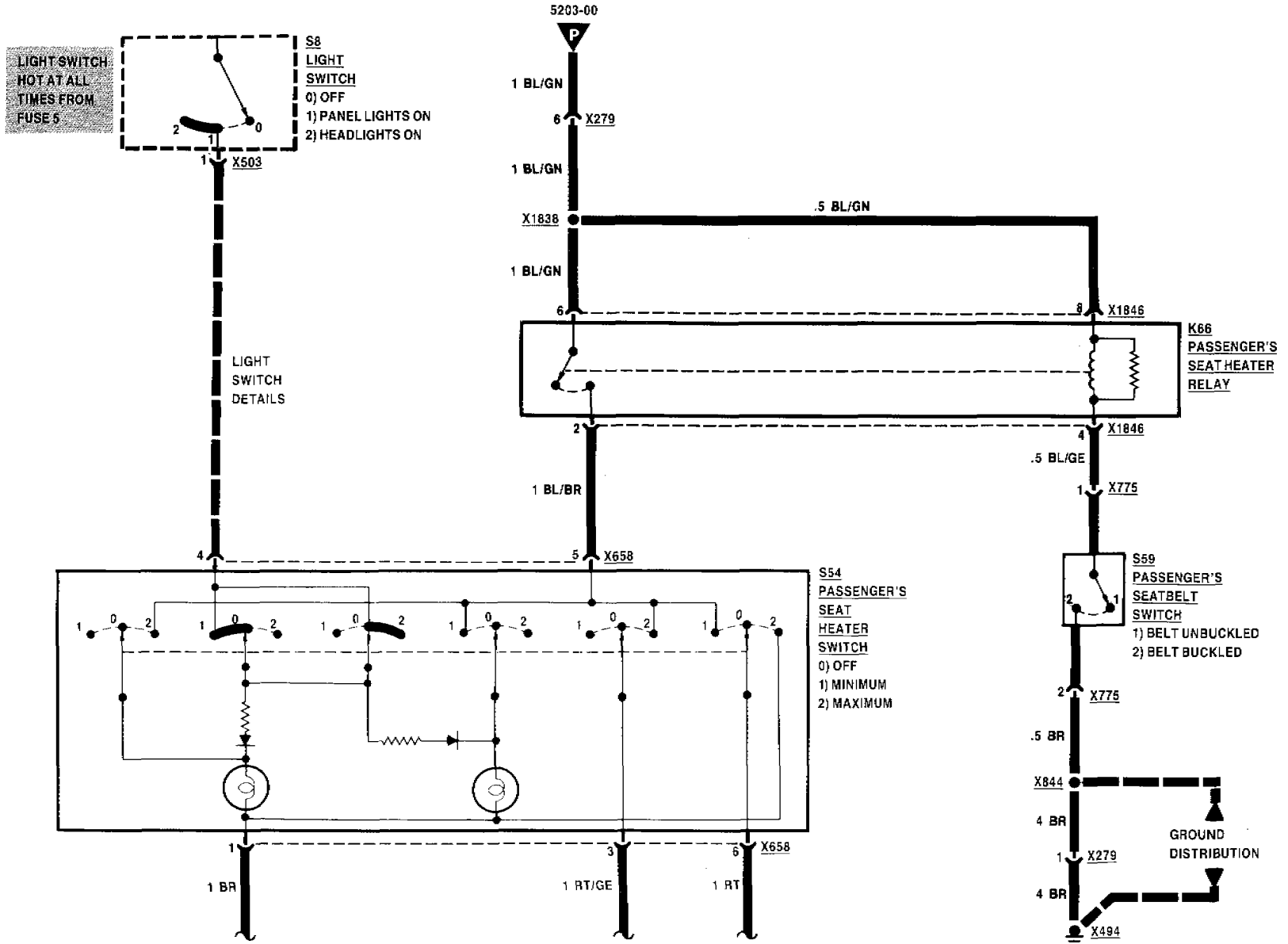
# HEATED SEATS PASSENGER'S SEAT

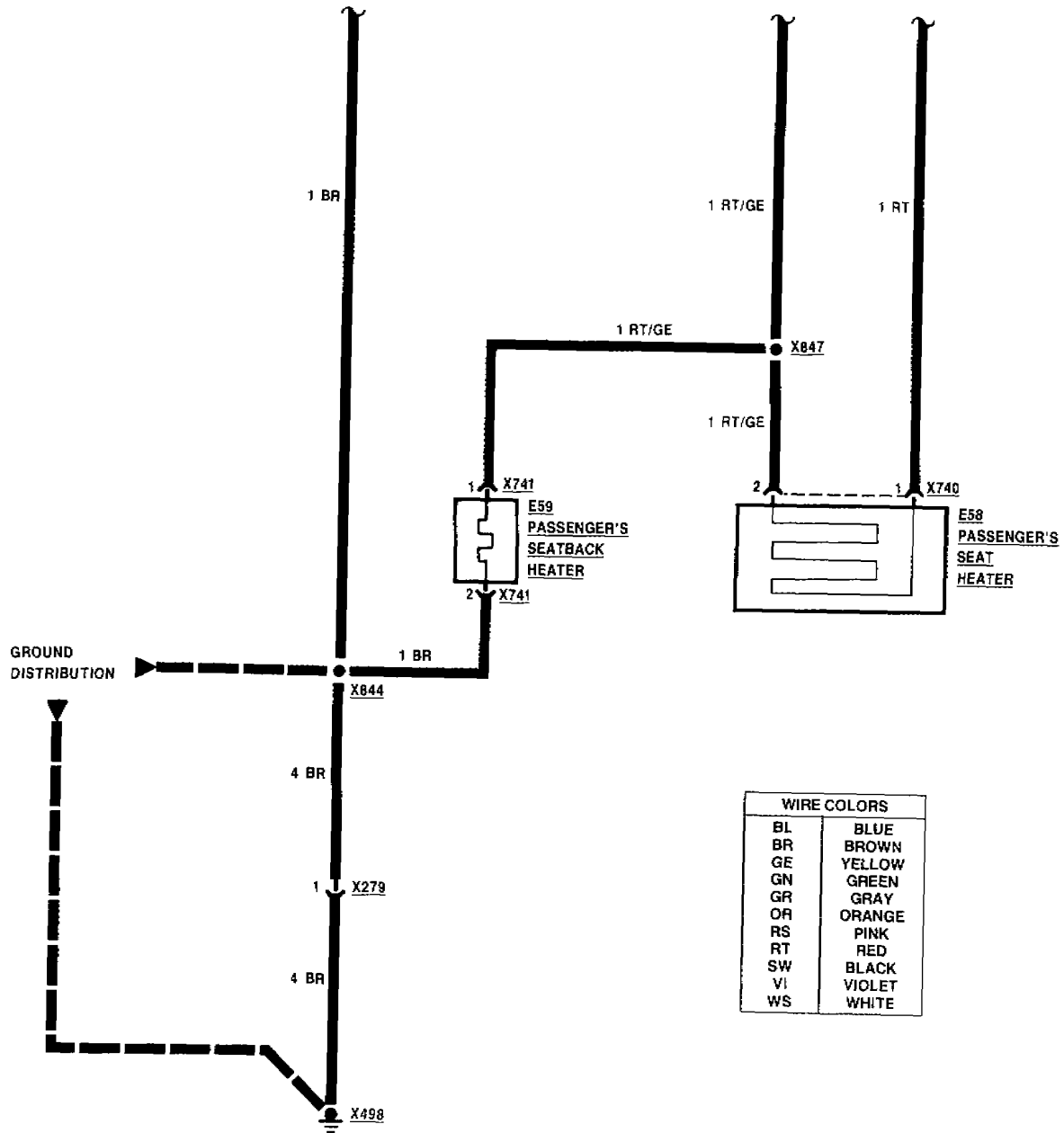
09/89

5203-02

1990

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

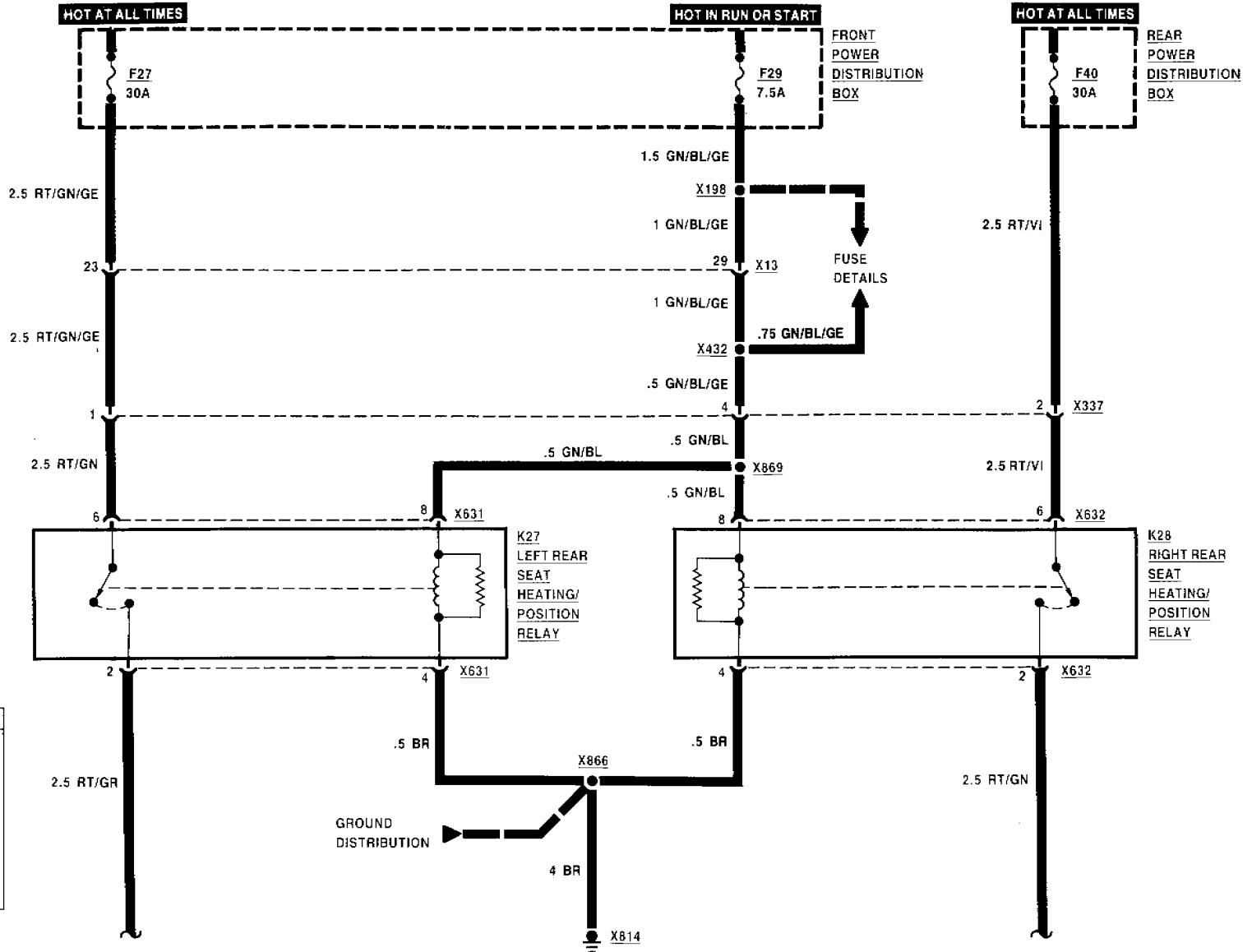






# HEATED SEATS REAR SEATS

750iL



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



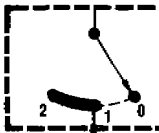


# HEATED SEATS

## REAR SEATS

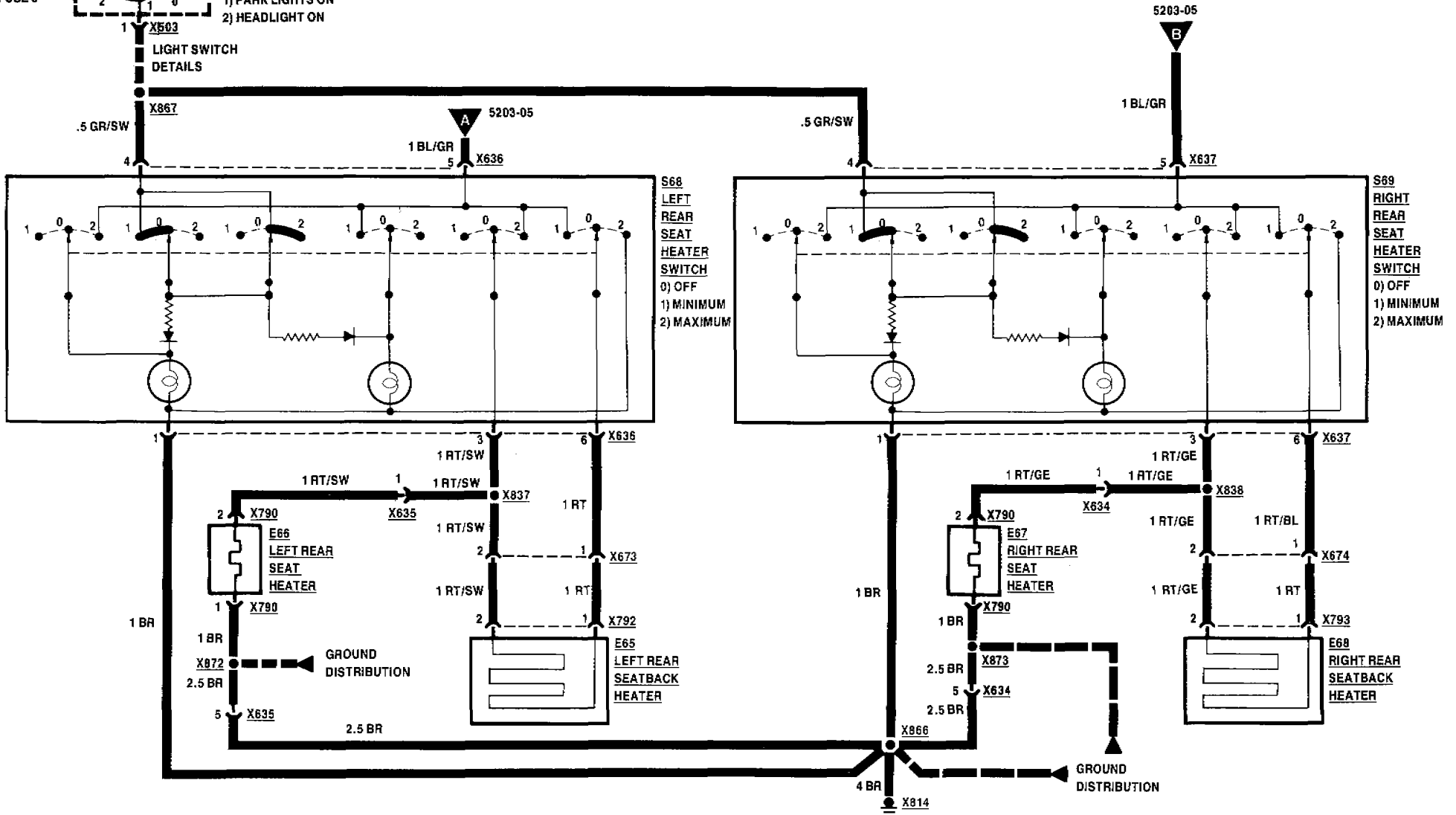
750iL

LIGHT SWITCH  
HOT AT ALL  
TIMES FROM  
FUSE 5



S8  
LIGHT  
SWITCH  
0) OFF  
1) PARK LIGHTS ON  
2) HEADLIGHT ON

X867  
LIGHT SWITCH  
DETAILS



S68  
LEFT  
REAR  
SEAT  
HEATER  
SWITCH  
0) OFF  
1) MINIMUM  
2) MAXIMUM

S69  
RIGHT  
REAR  
SEAT  
HEATER  
SWITCH  
0) OFF  
1) MINIMUM  
2) MAXIMUM

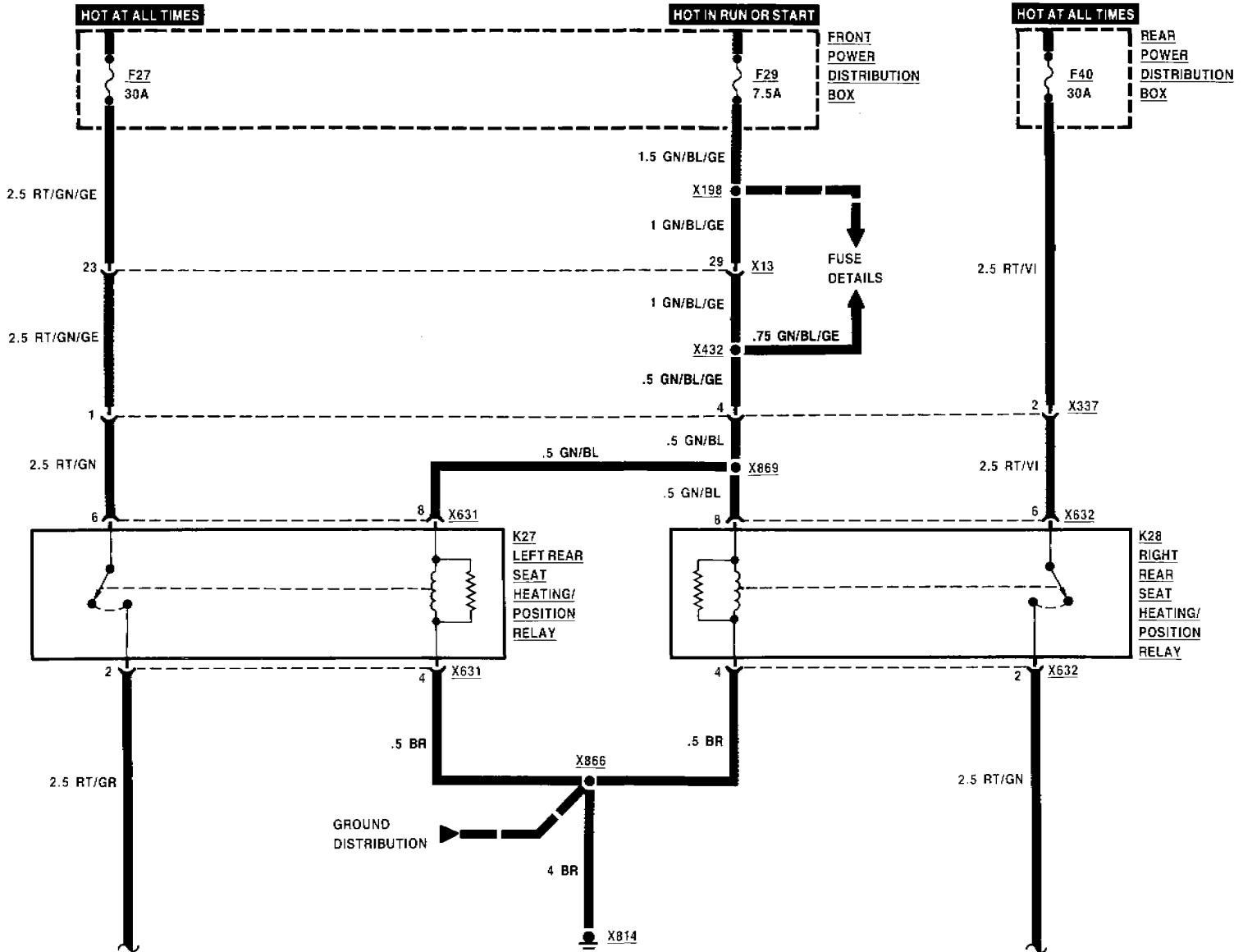
09/89

5203-06

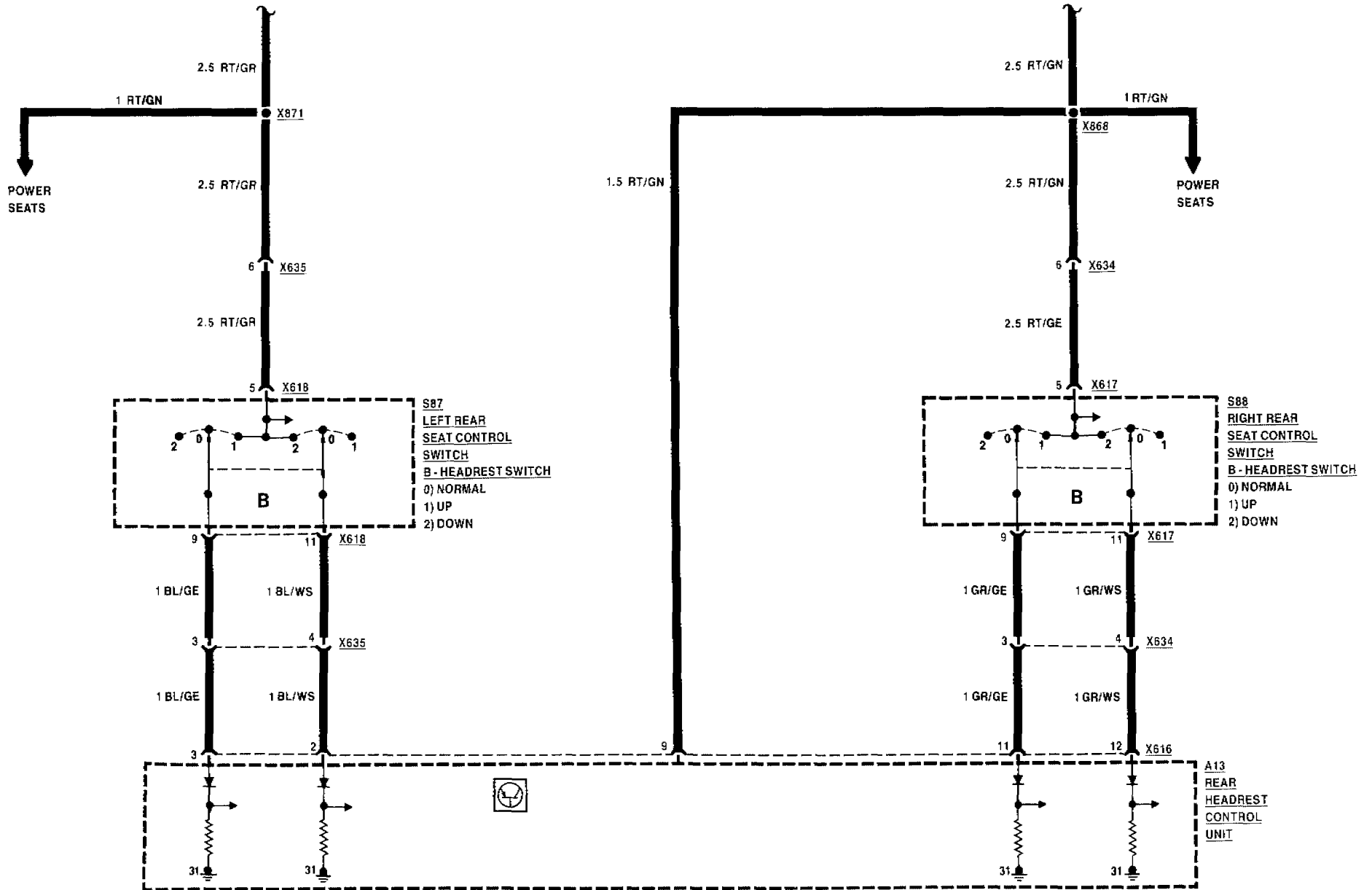
1990



# AUTOMATIC REAR HEADREST

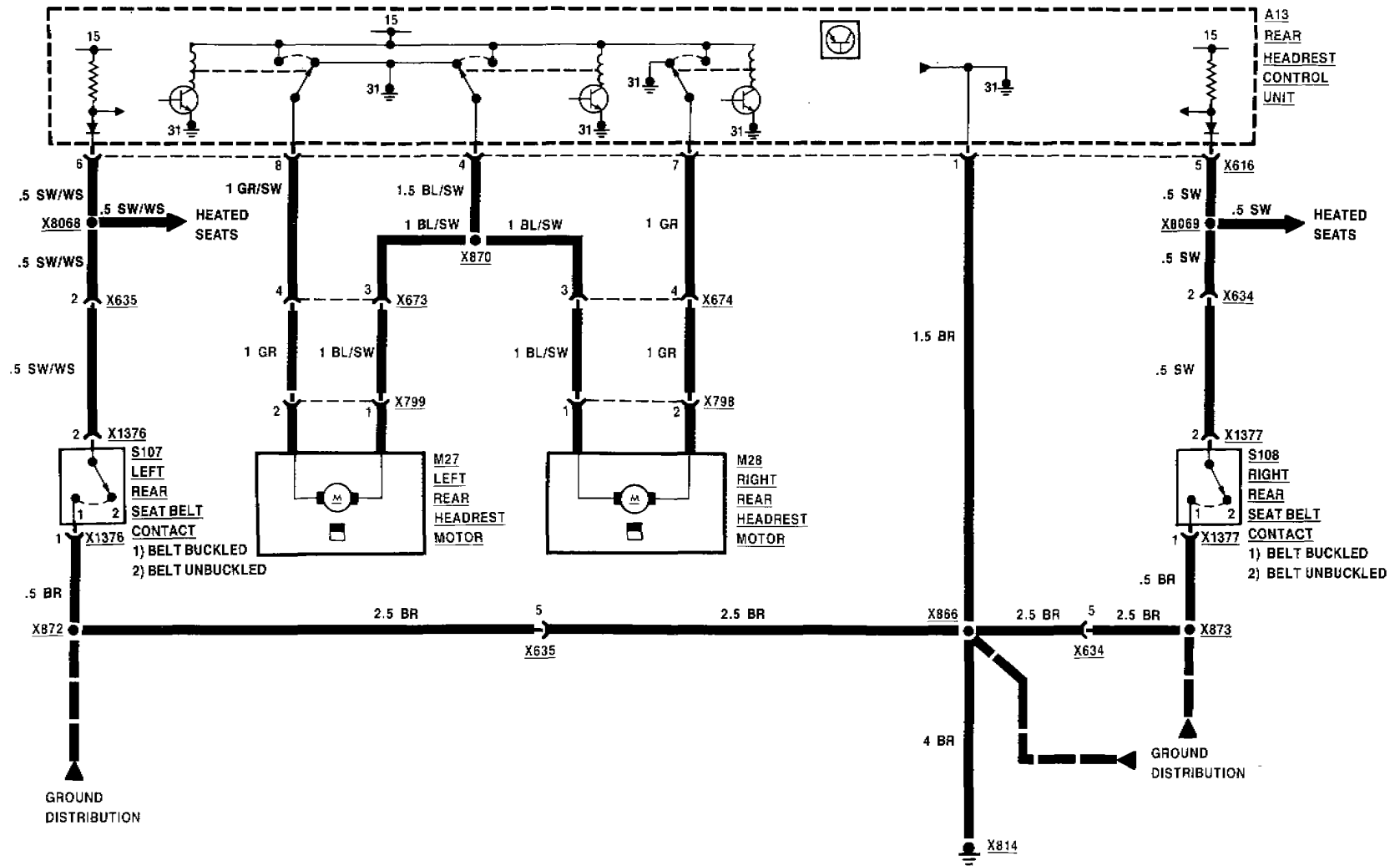


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



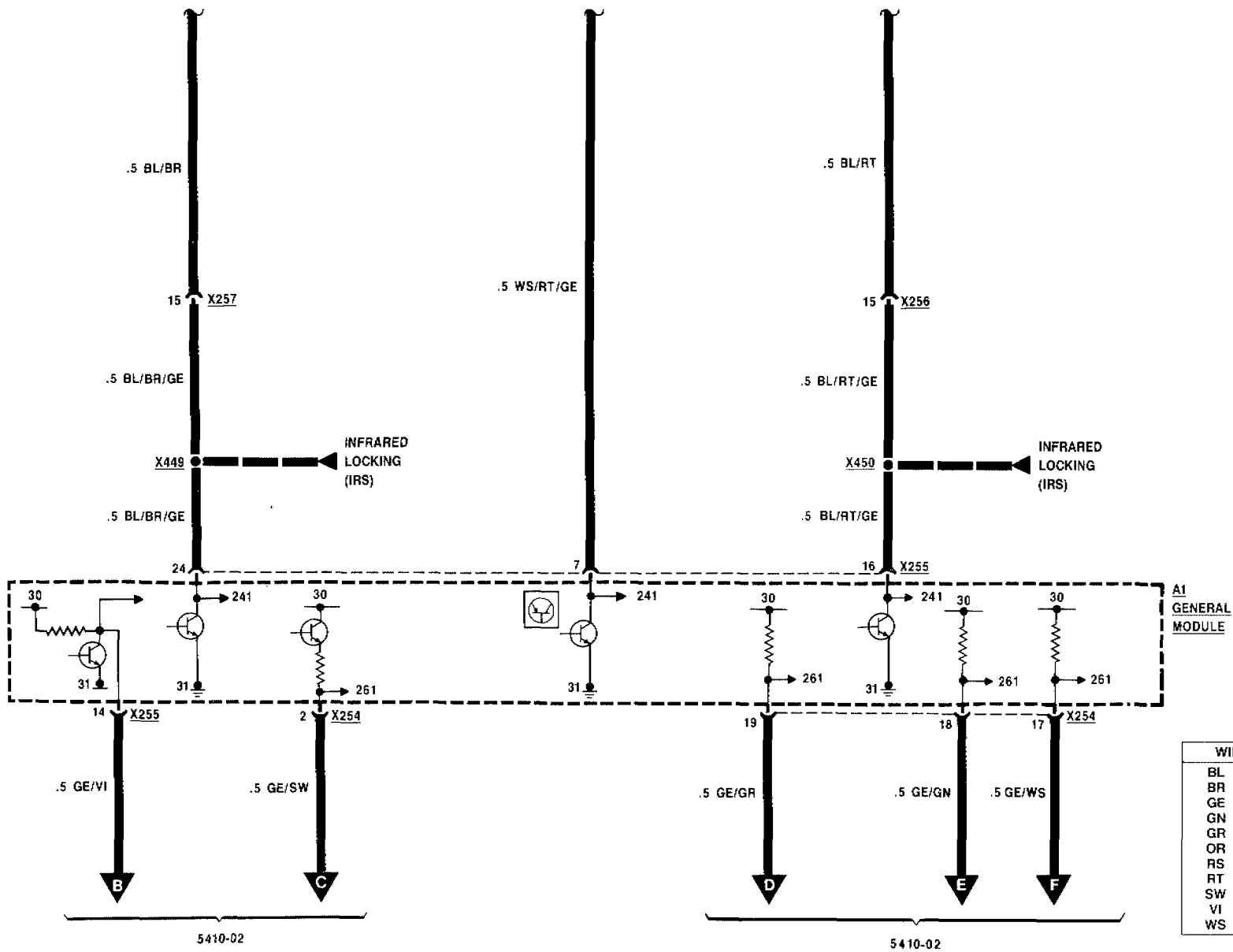


# AUTOMATIC REAR HEADREST







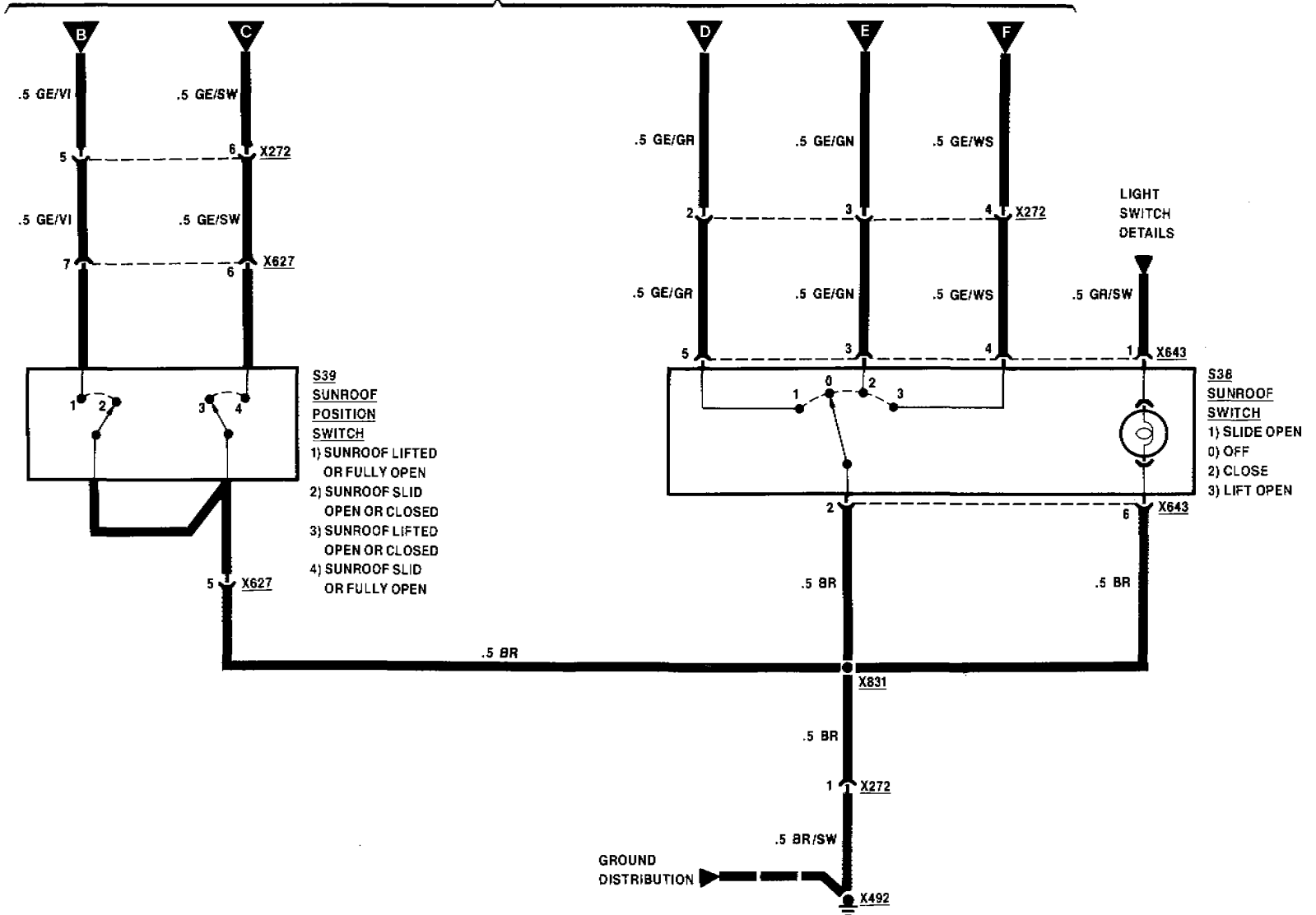




# SUNROOF (ZKE)

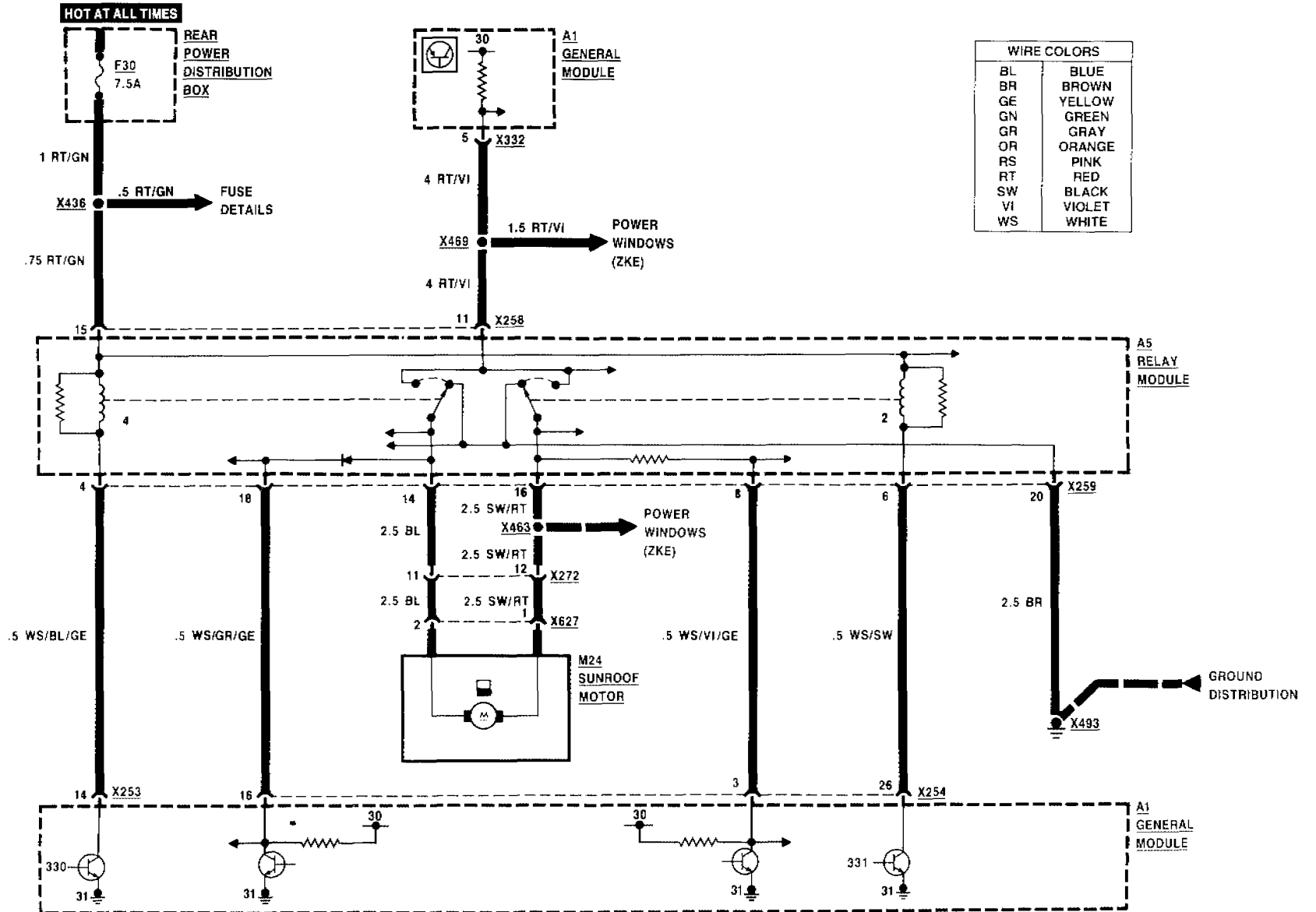
## INPUT DETAILS

5410-01



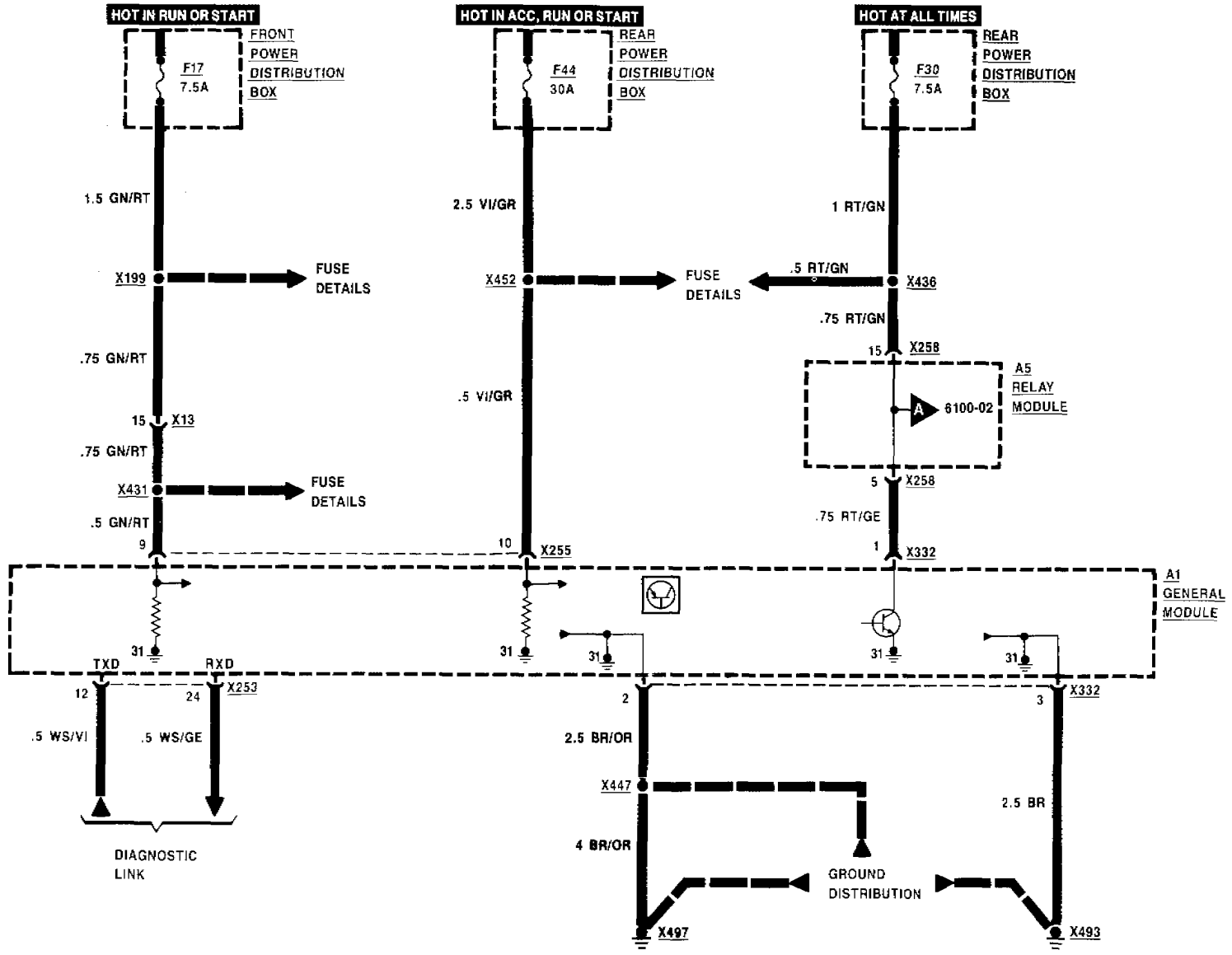


# SUNROOF (ZKE) OUTPUT DETAILS





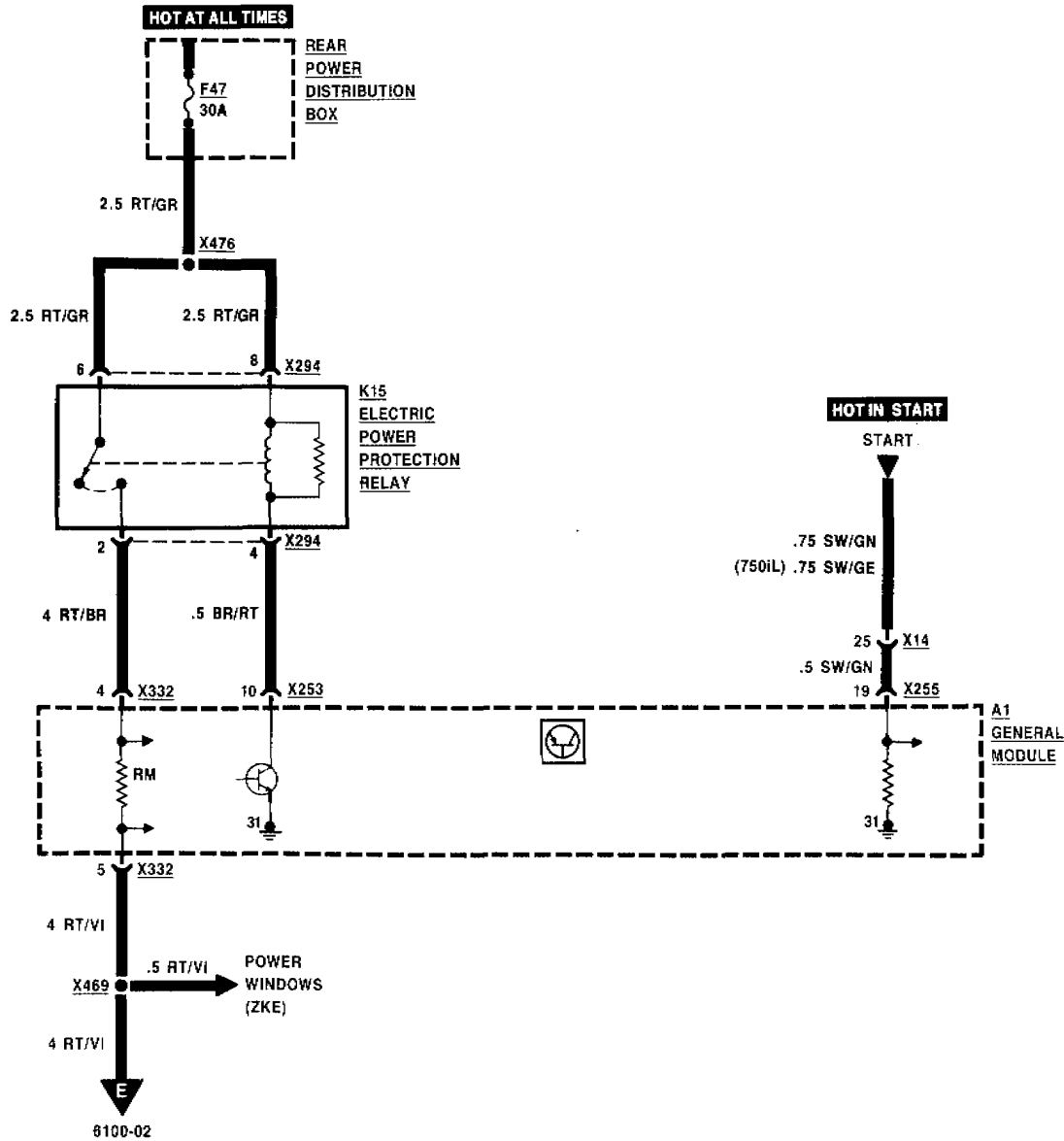
# CENTRAL BODY ELECTRONICS (ZKE) GENERAL MODULE





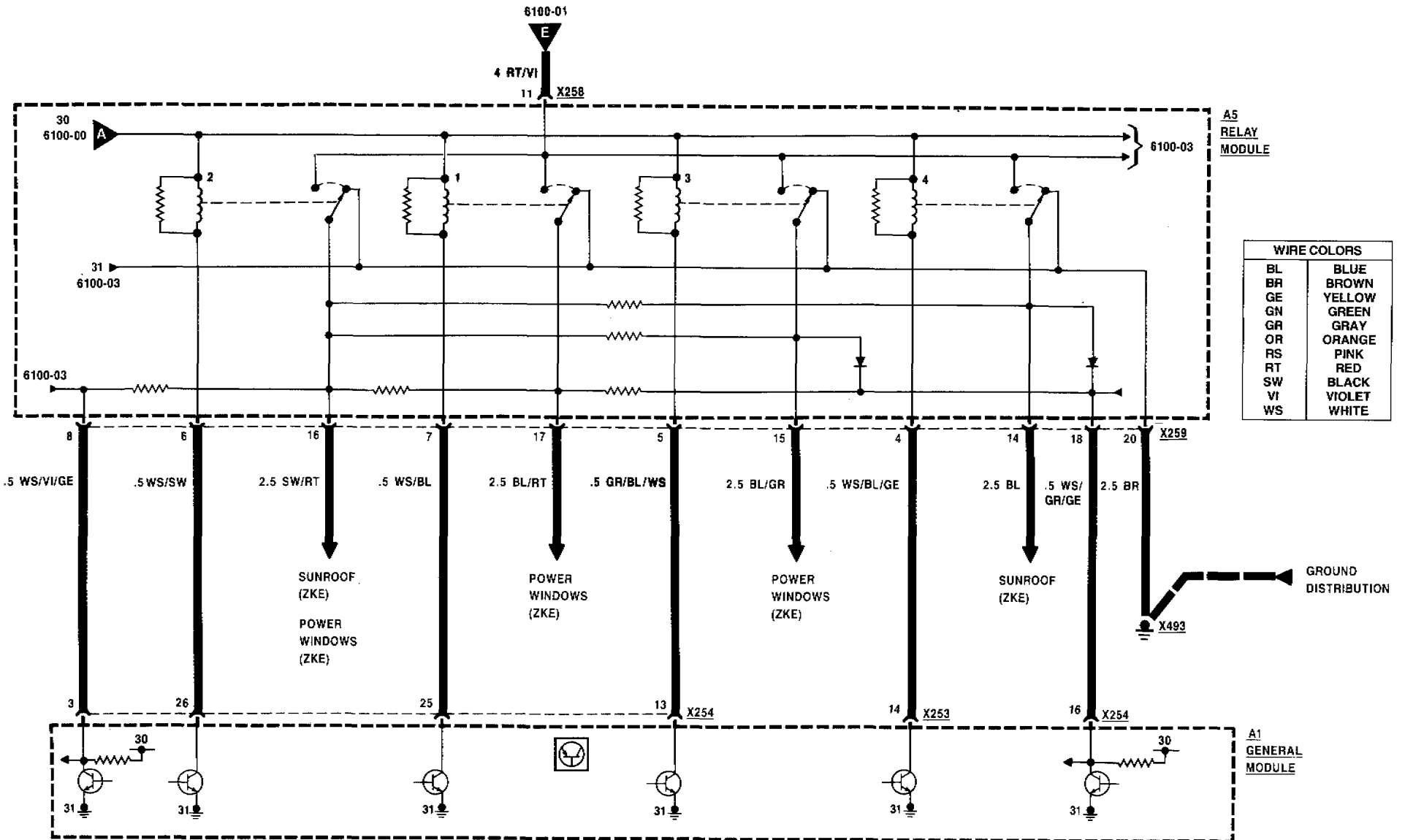
# CENTRAL BODY ELECTRONICS (ZKE)

## GENERAL MODULE



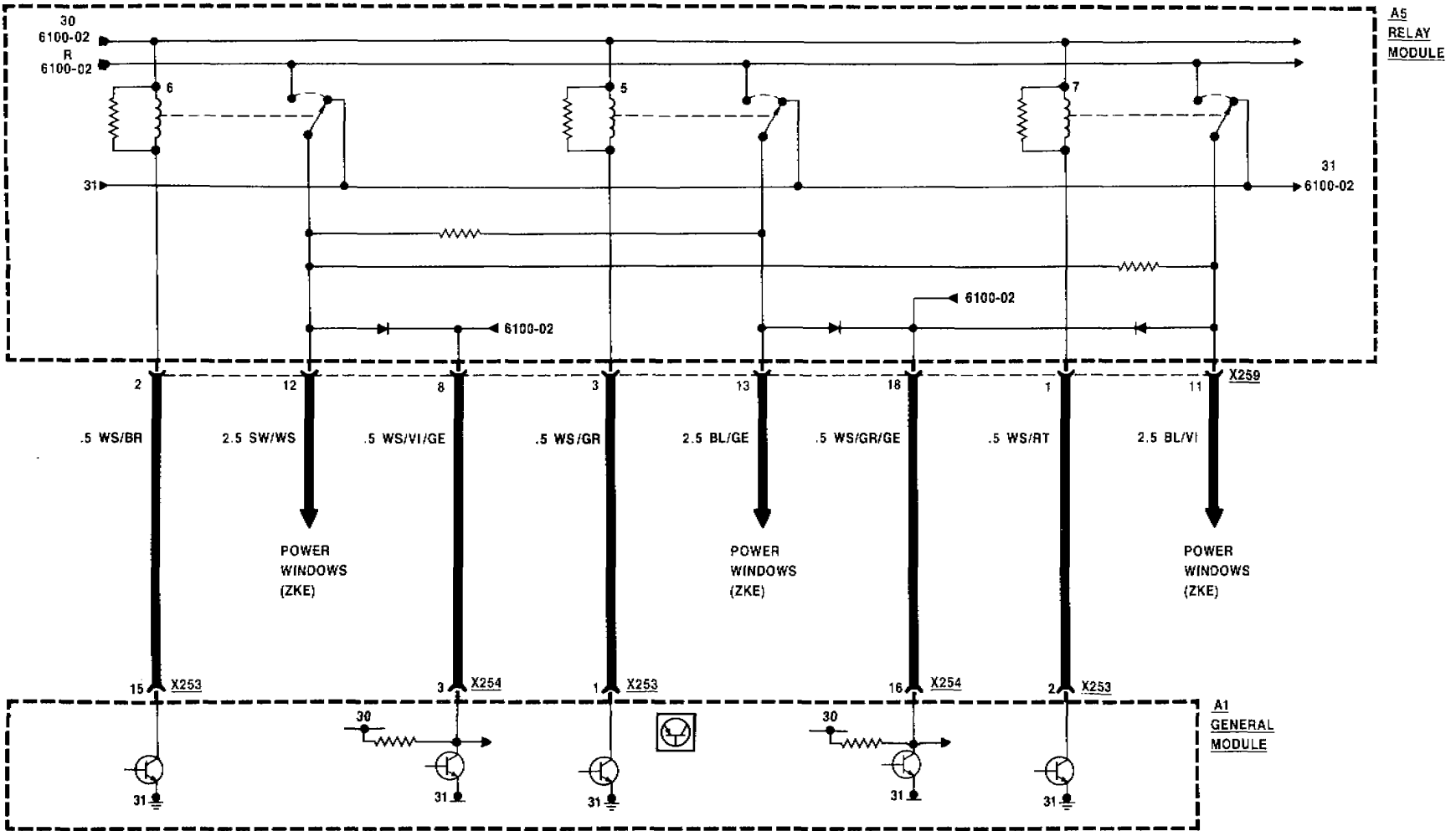


# CENTRAL BODY ELECTRONICS (ZKE) RELAY MODULE





# CENTRAL BODY ELECTRONICS (ZKE) RELAY MODULE

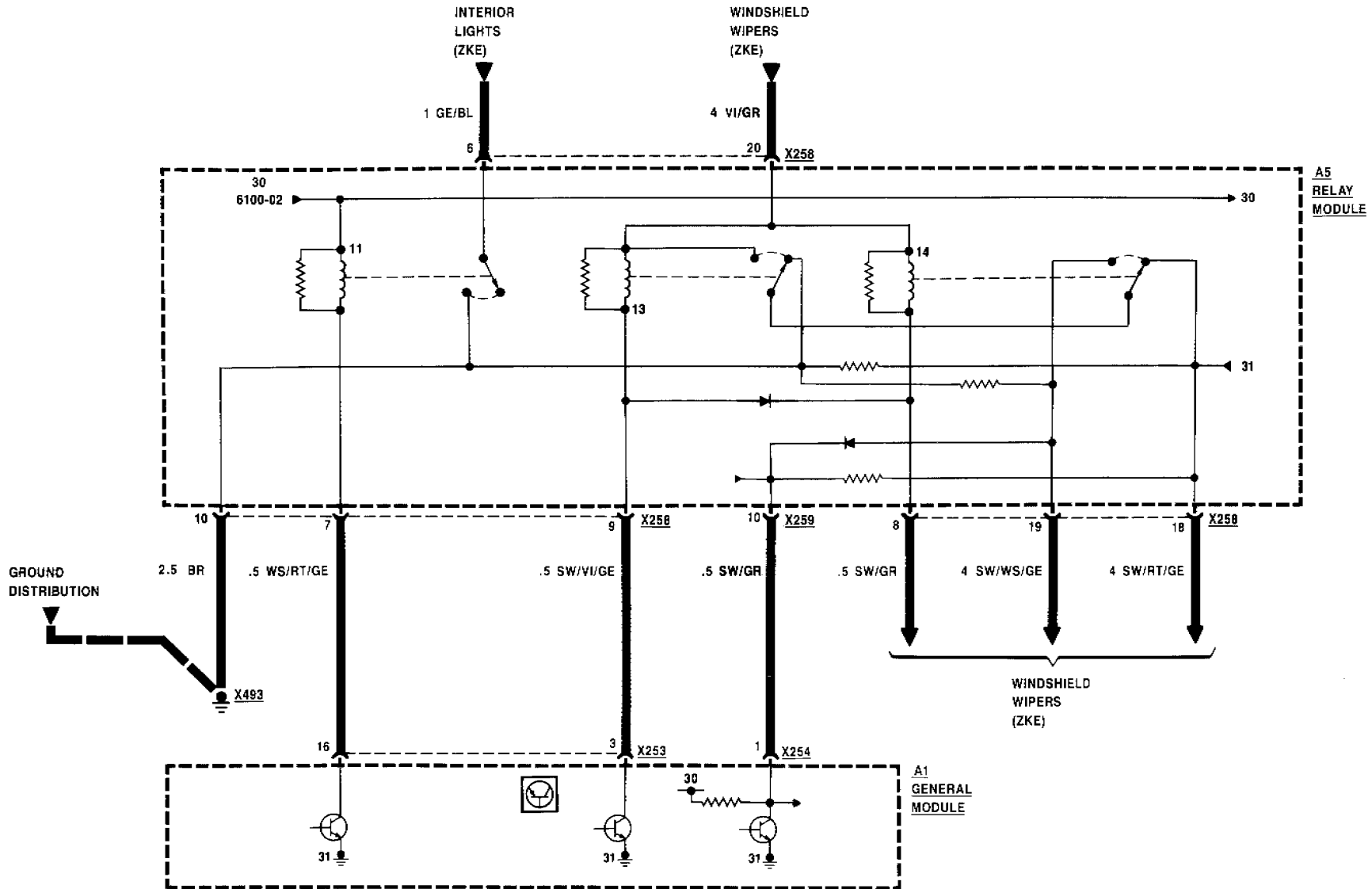






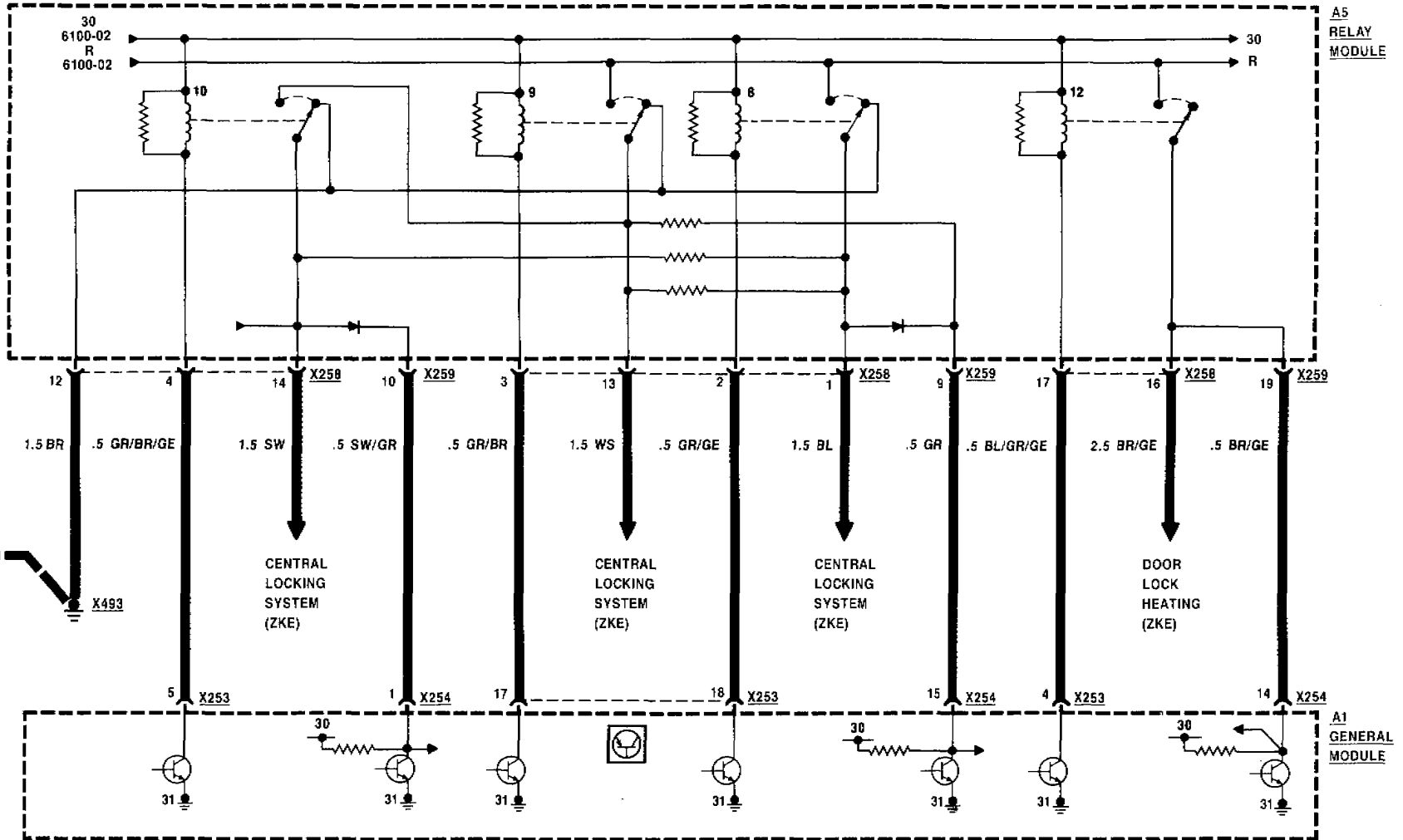
# CENTRAL BODY ELECTRONICS (ZKE)

## RELAY MODULE



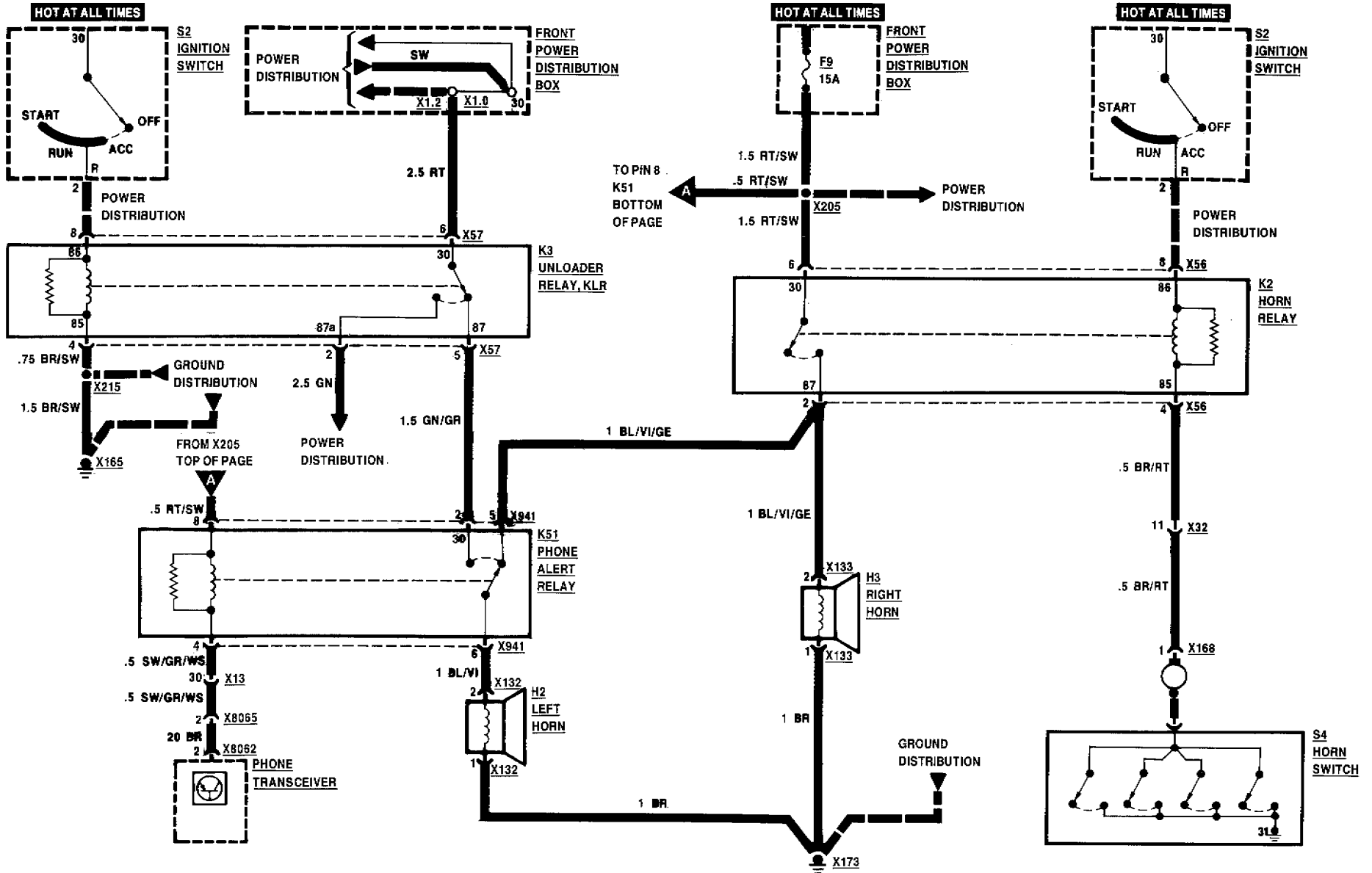


# CENTRAL BODY ELECTRONICS (ZKE) RELAY MODULE





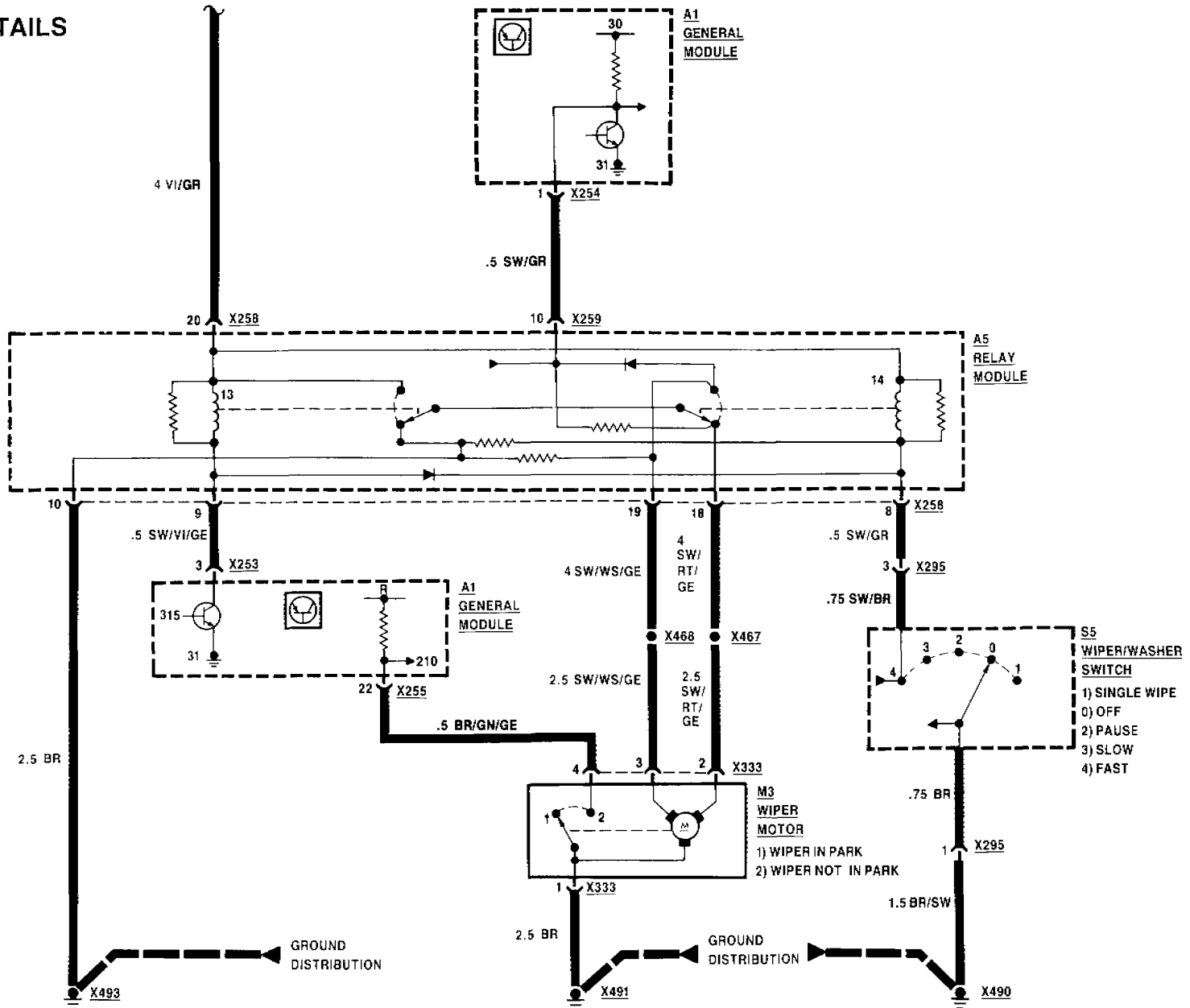
# HORN





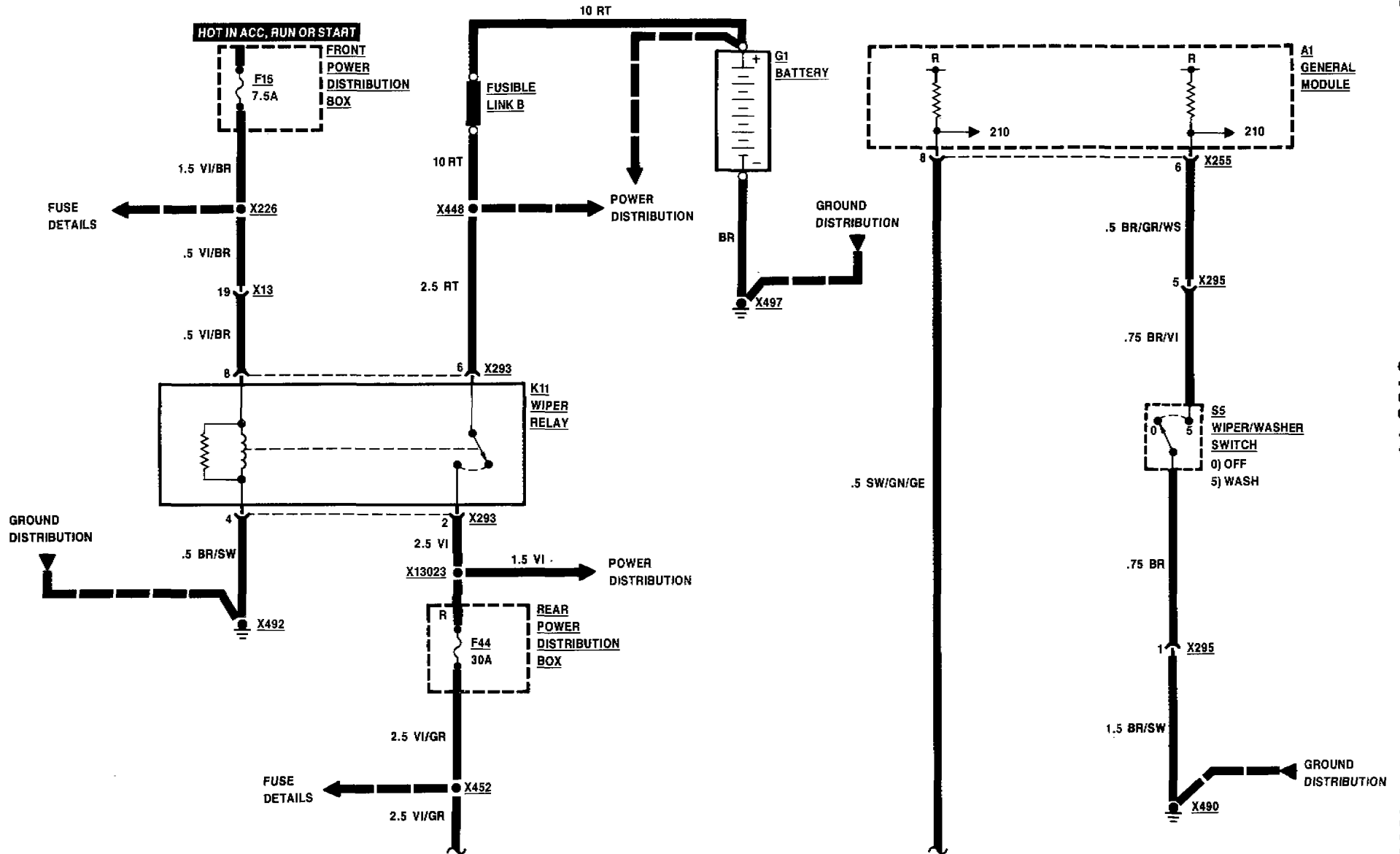
# OUTPUT DETAILS

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

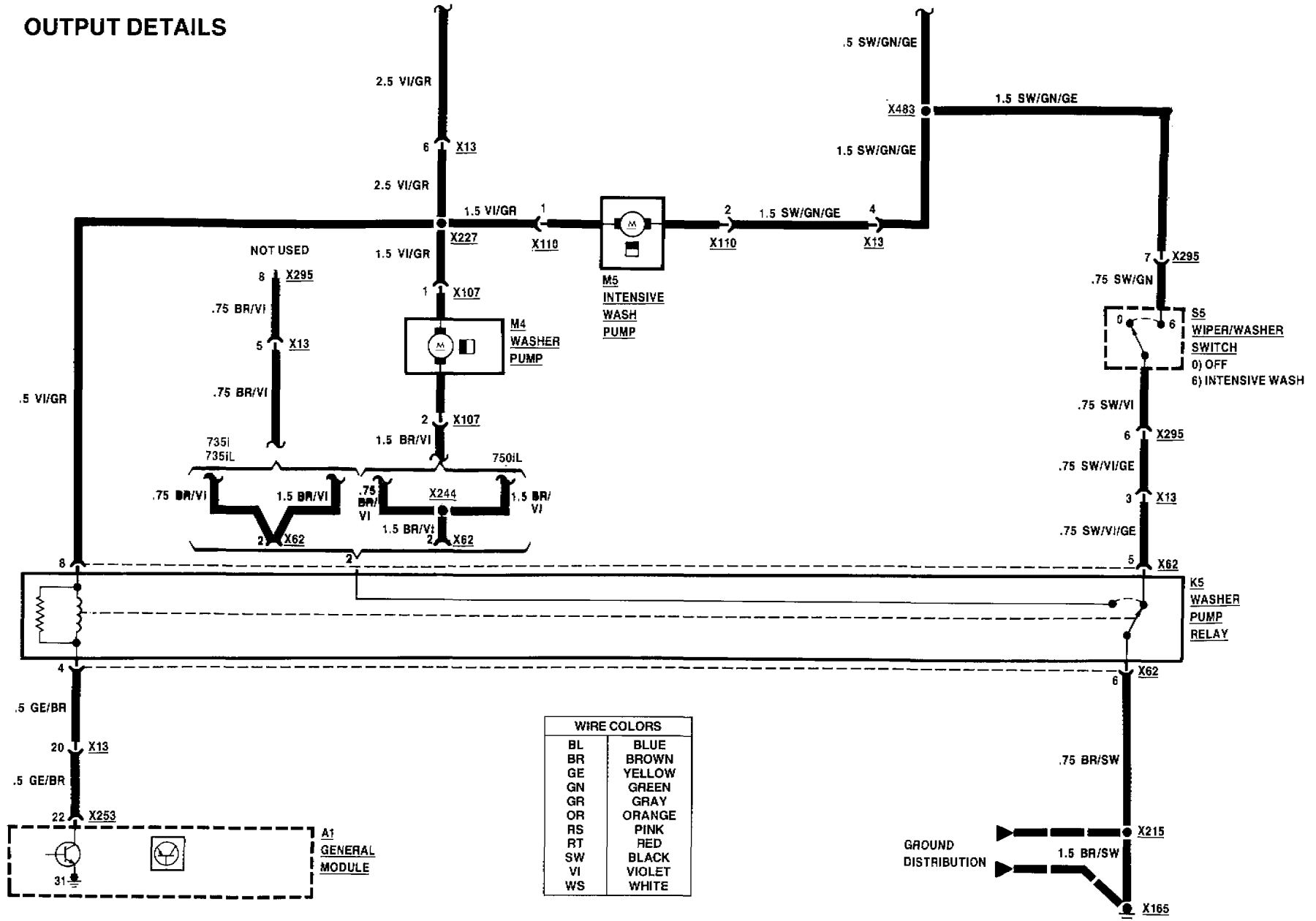




# WINDSHIELD WASHER (ZKE) INPUT DETAILS



# OUTPUT DETAILS

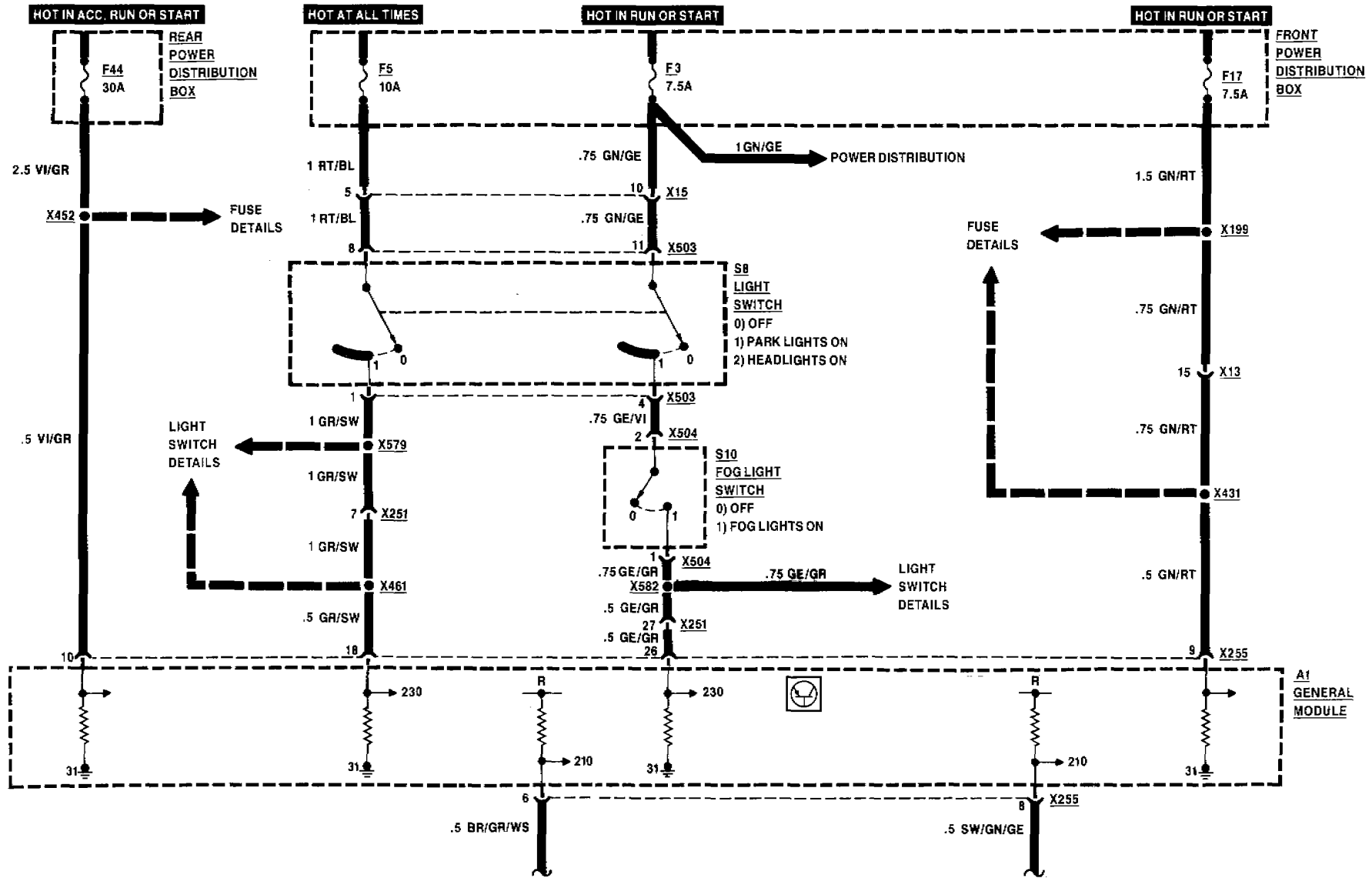




# HEADLIGHT/FOG LIGHT WASHER (ZKE)

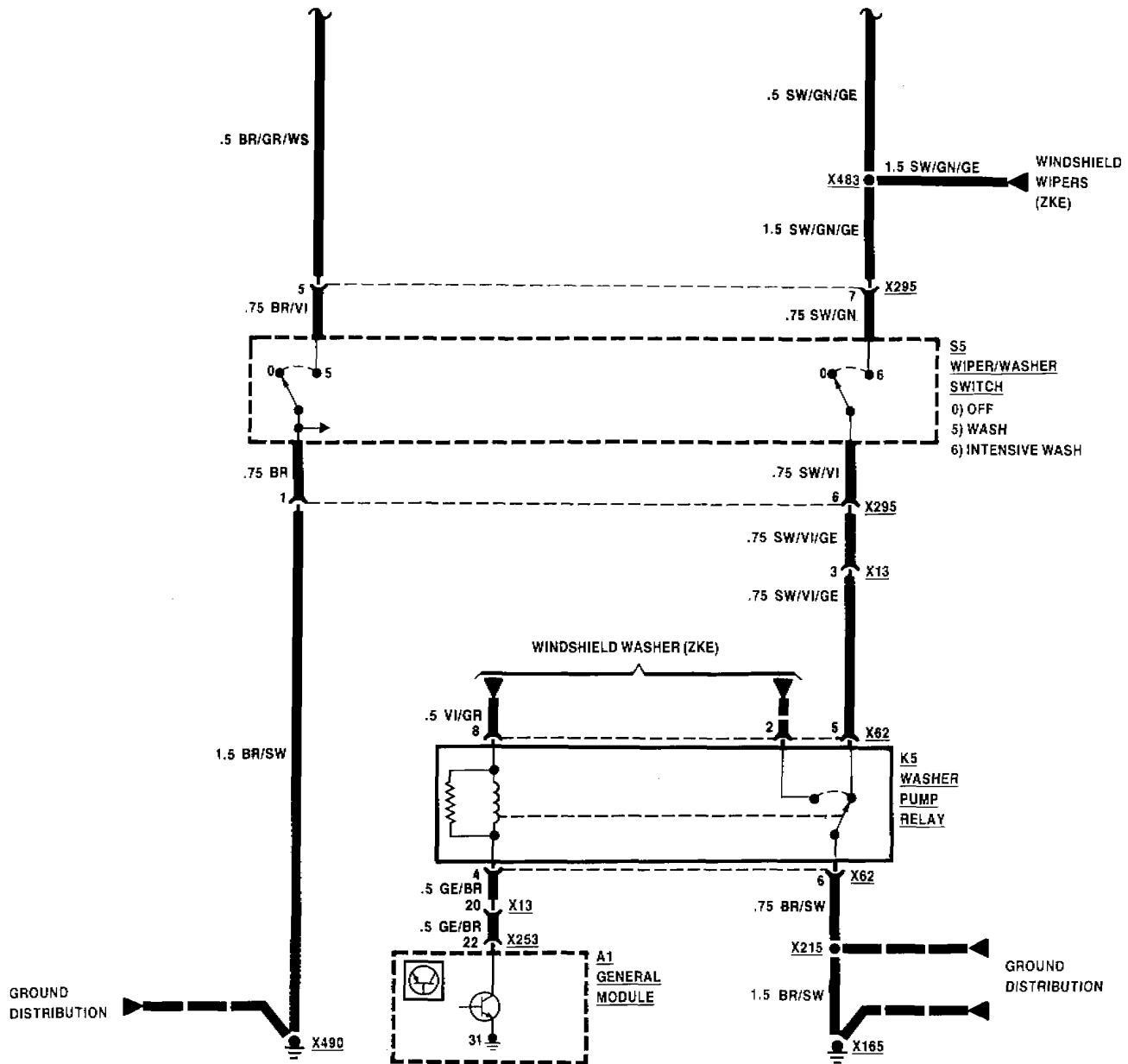
735iL, 750iL

## INPUT DETAILS



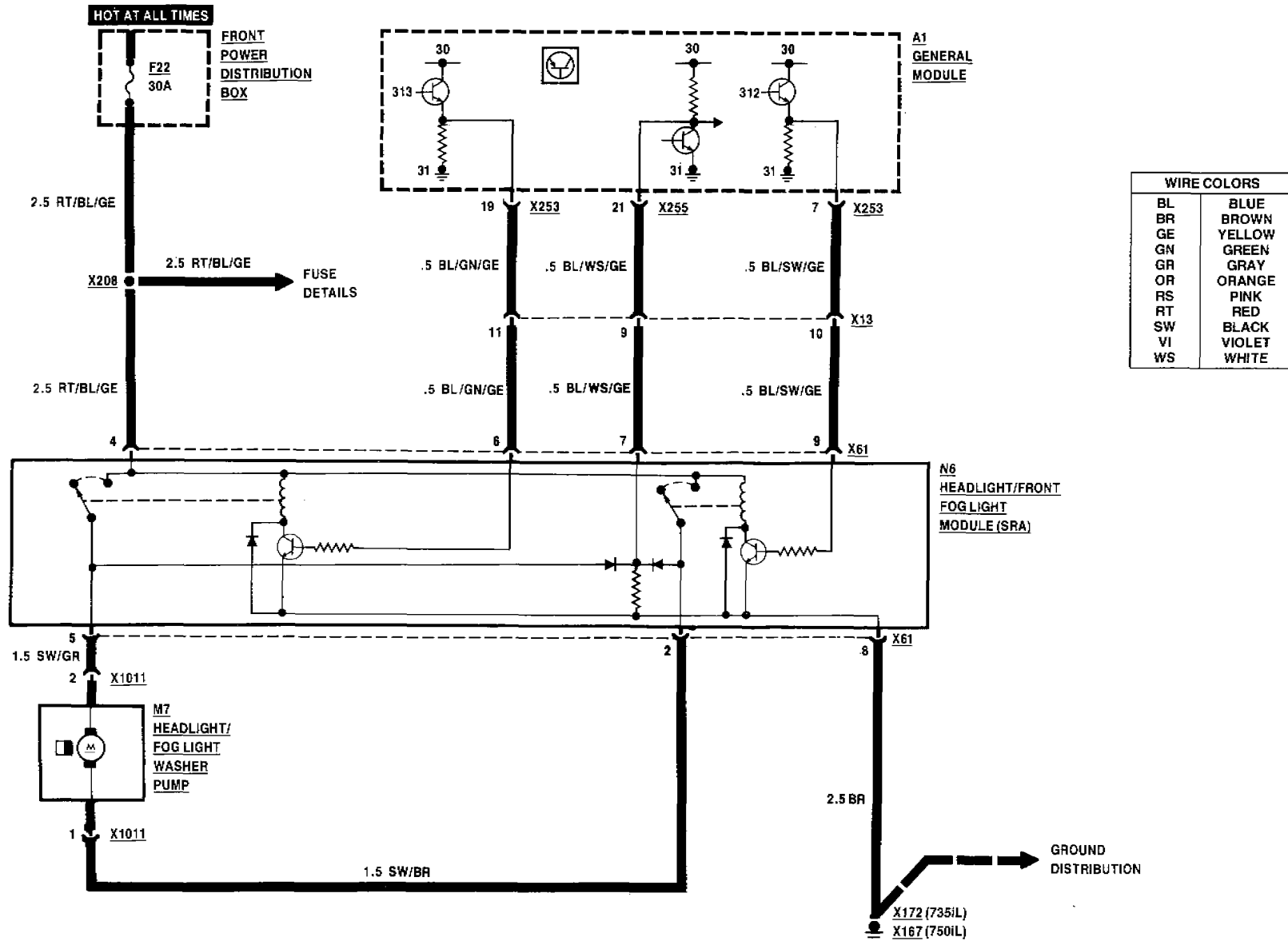


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



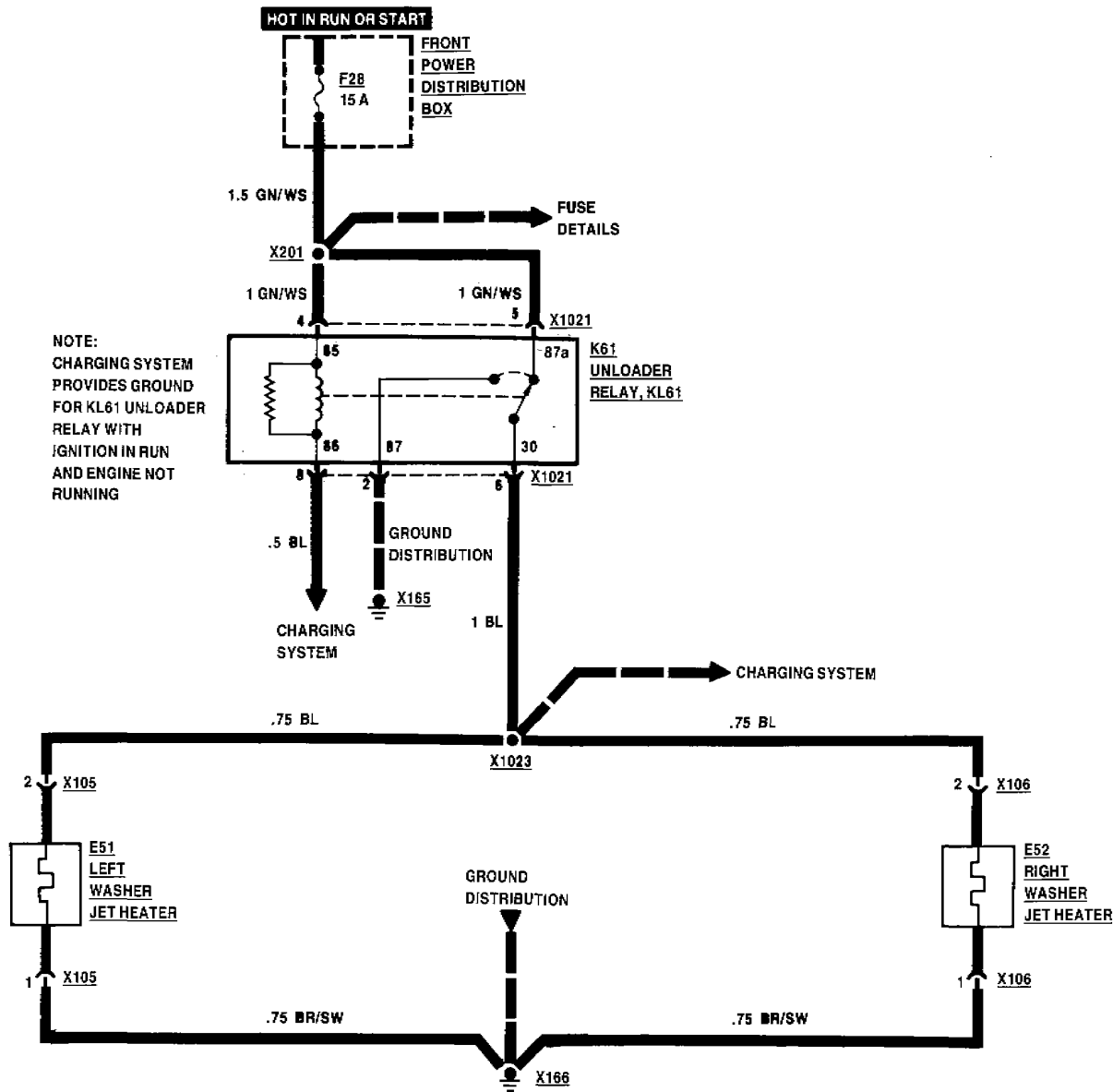
**BMW 7** HEADLIGHT/FOG LIGHT WASHER (ZKE)  
OUTPUT DETAILS

735iL, 750iL





# WINDSHIELD WASHER JET HEATERS

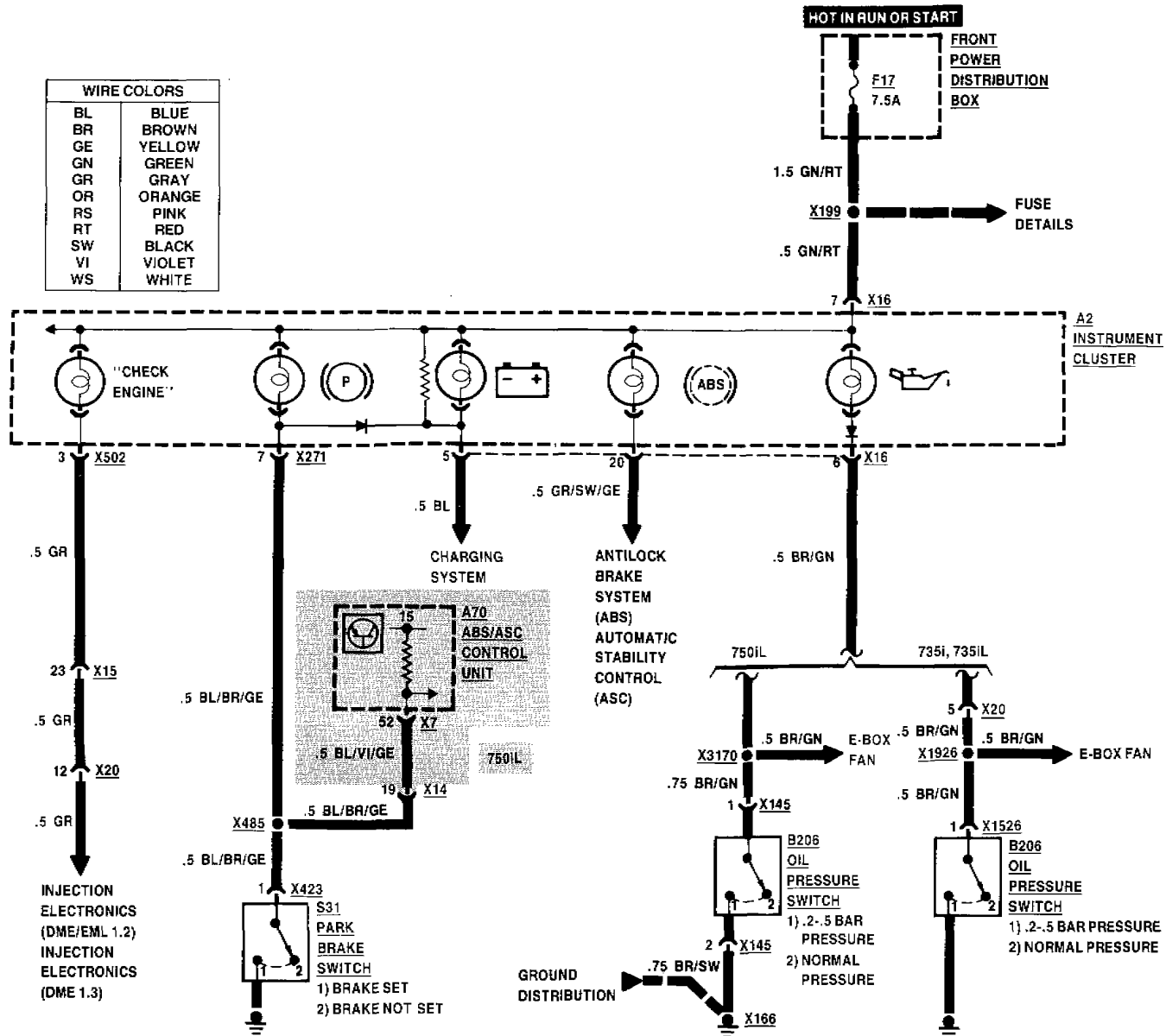


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# INSTRUMENT CLUSTER/CHECK CONTROL INDICATORS

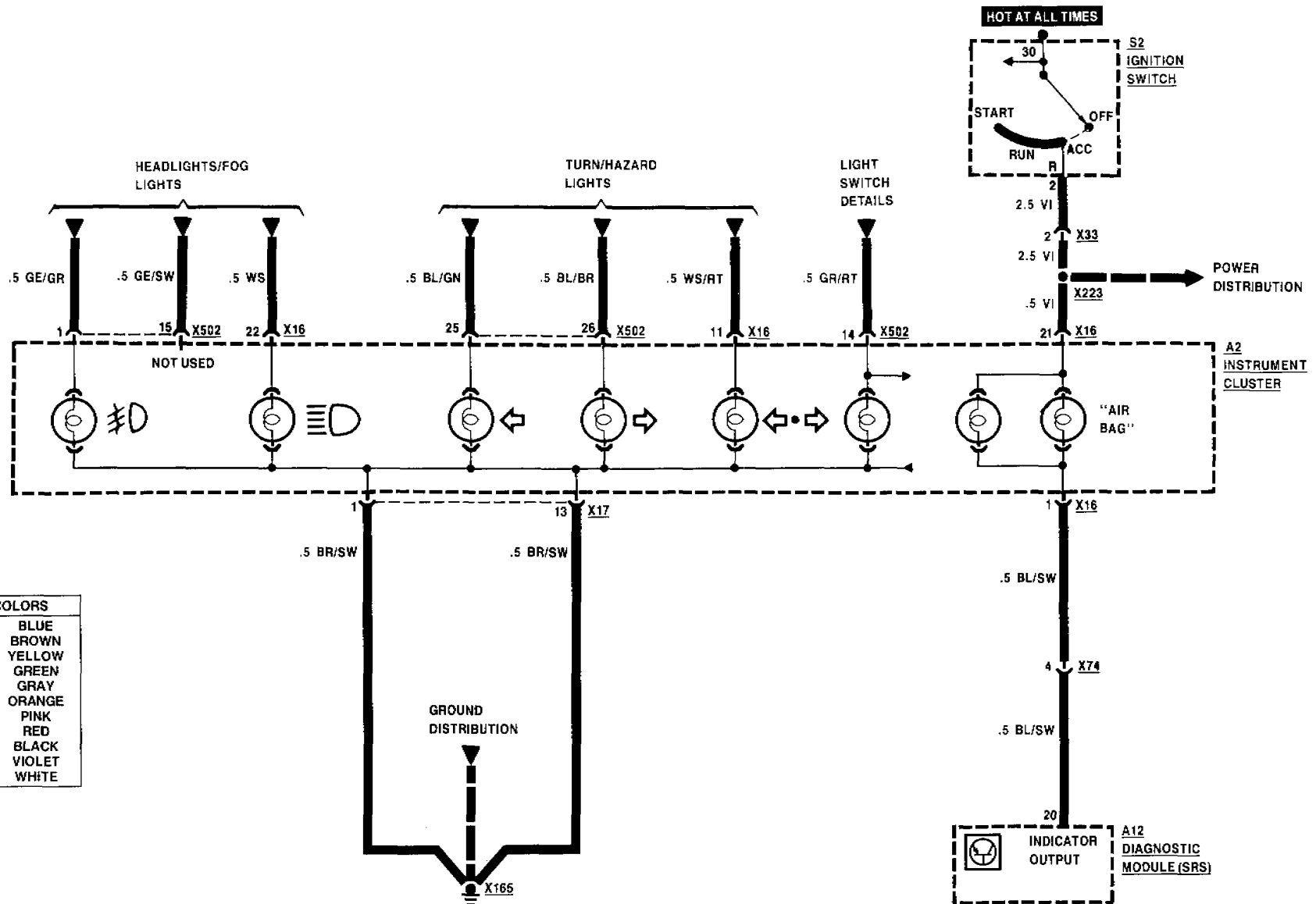
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# INSTRUMENT CLUSTER/CHECK CONTROL

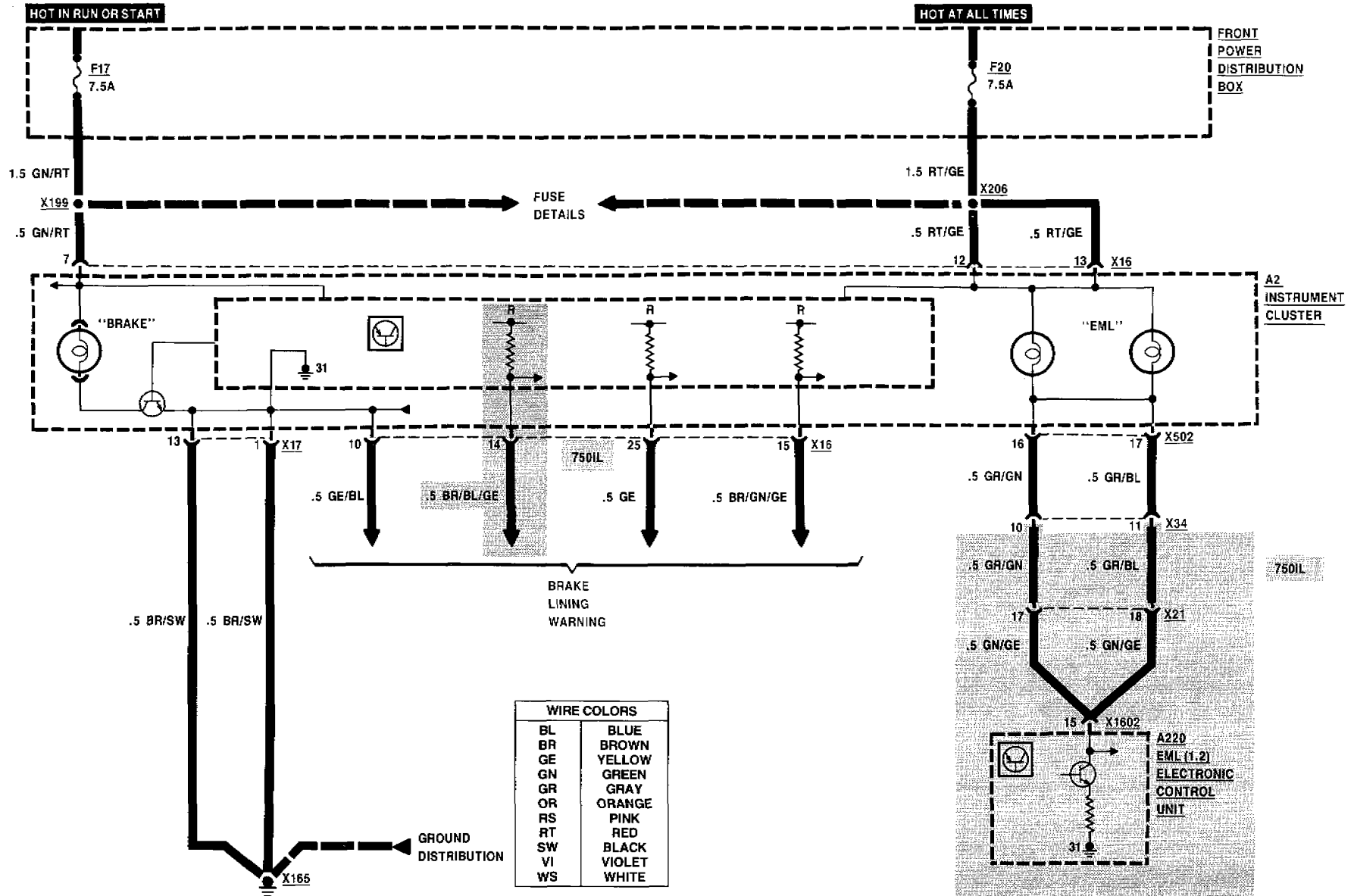
## INSTRUMENT CLUSTER INDICATORS



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

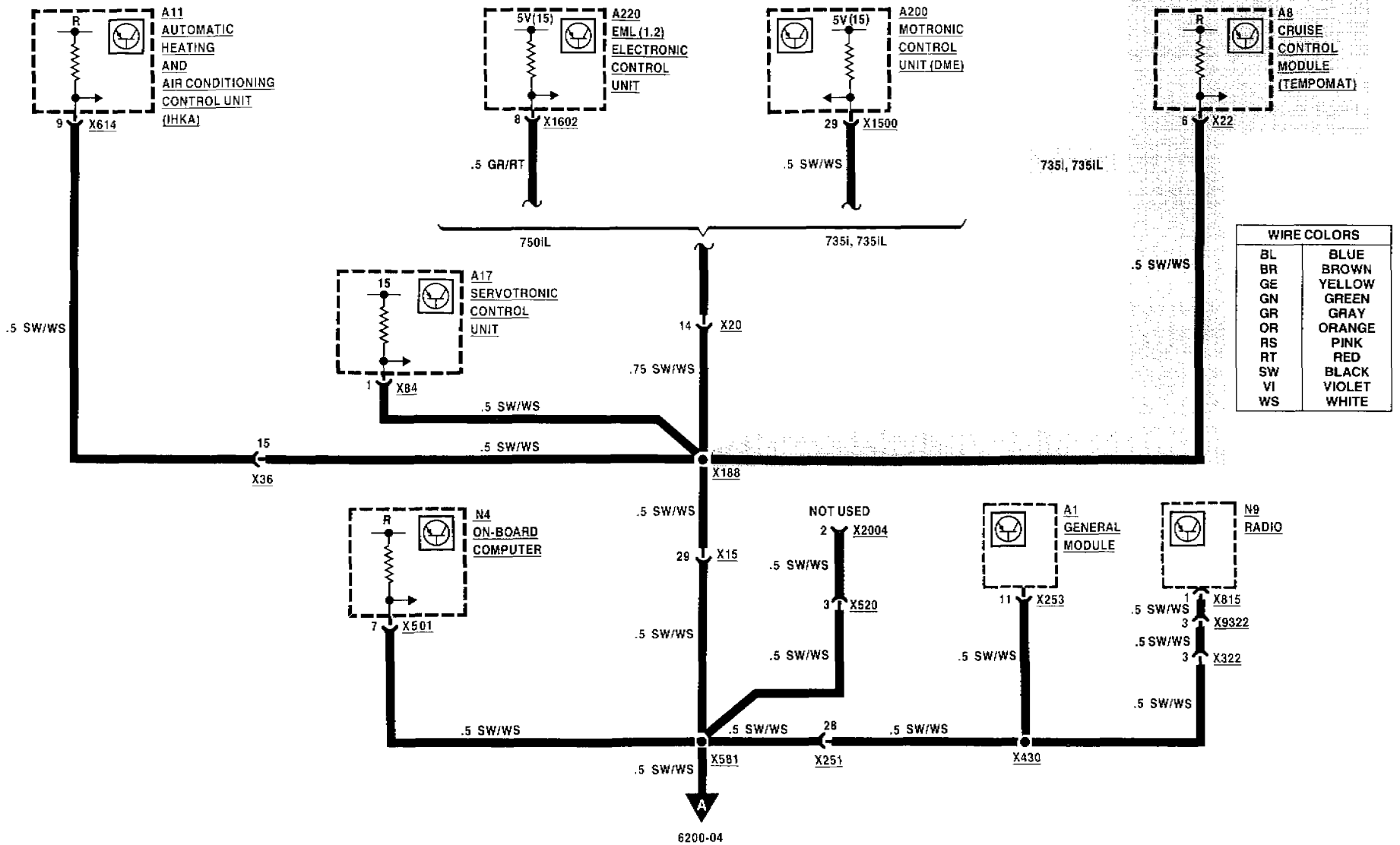


# INSTRUMENT CLUSTER/CHECK CONTROL INDICATORS





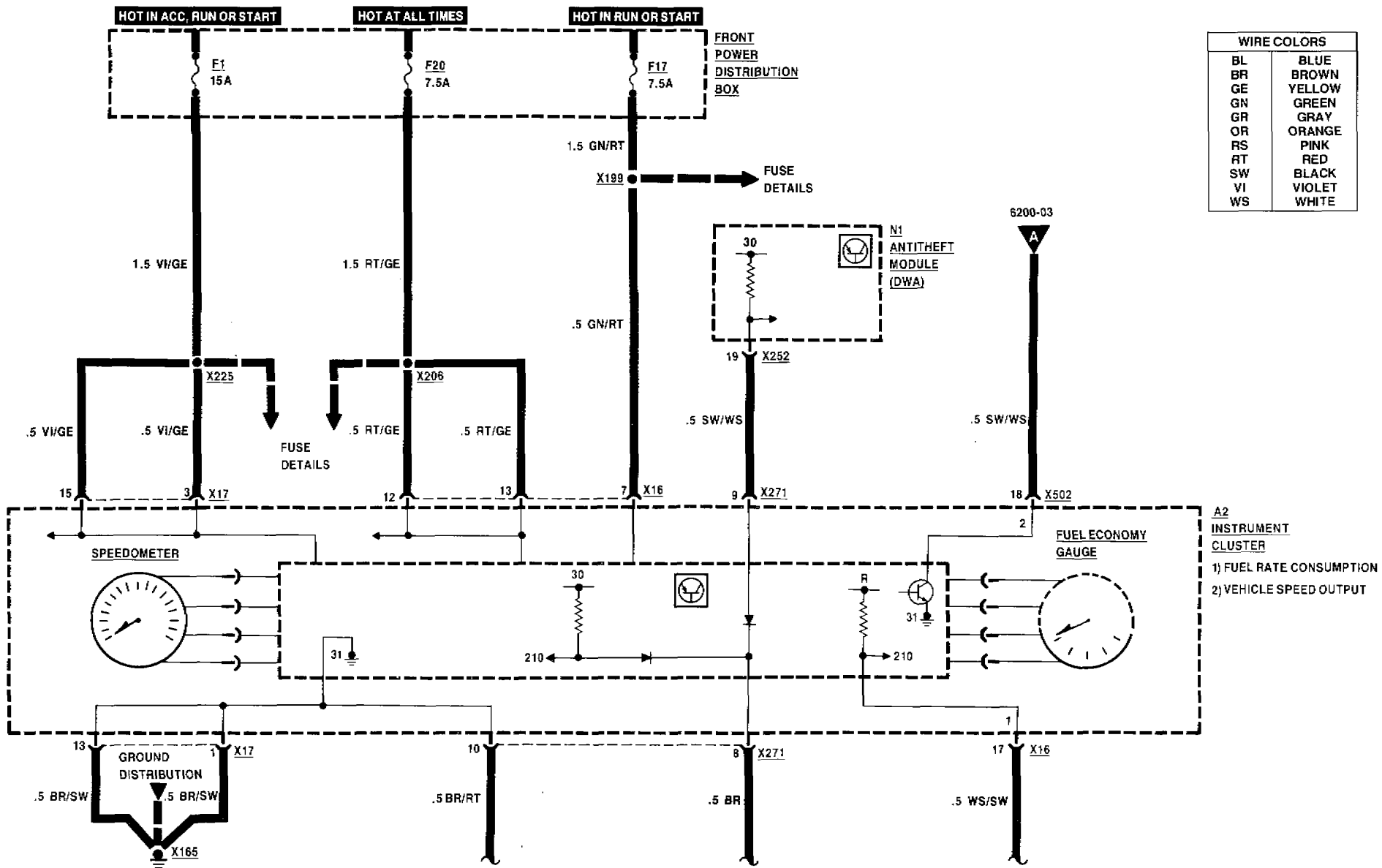
# INSTRUMENT CLUSTER/CHECK CONTROL





# INSTRUMENT CLUSTER/CHECK CONTROL

## INSTRUMENT CLUSTER GAUGES

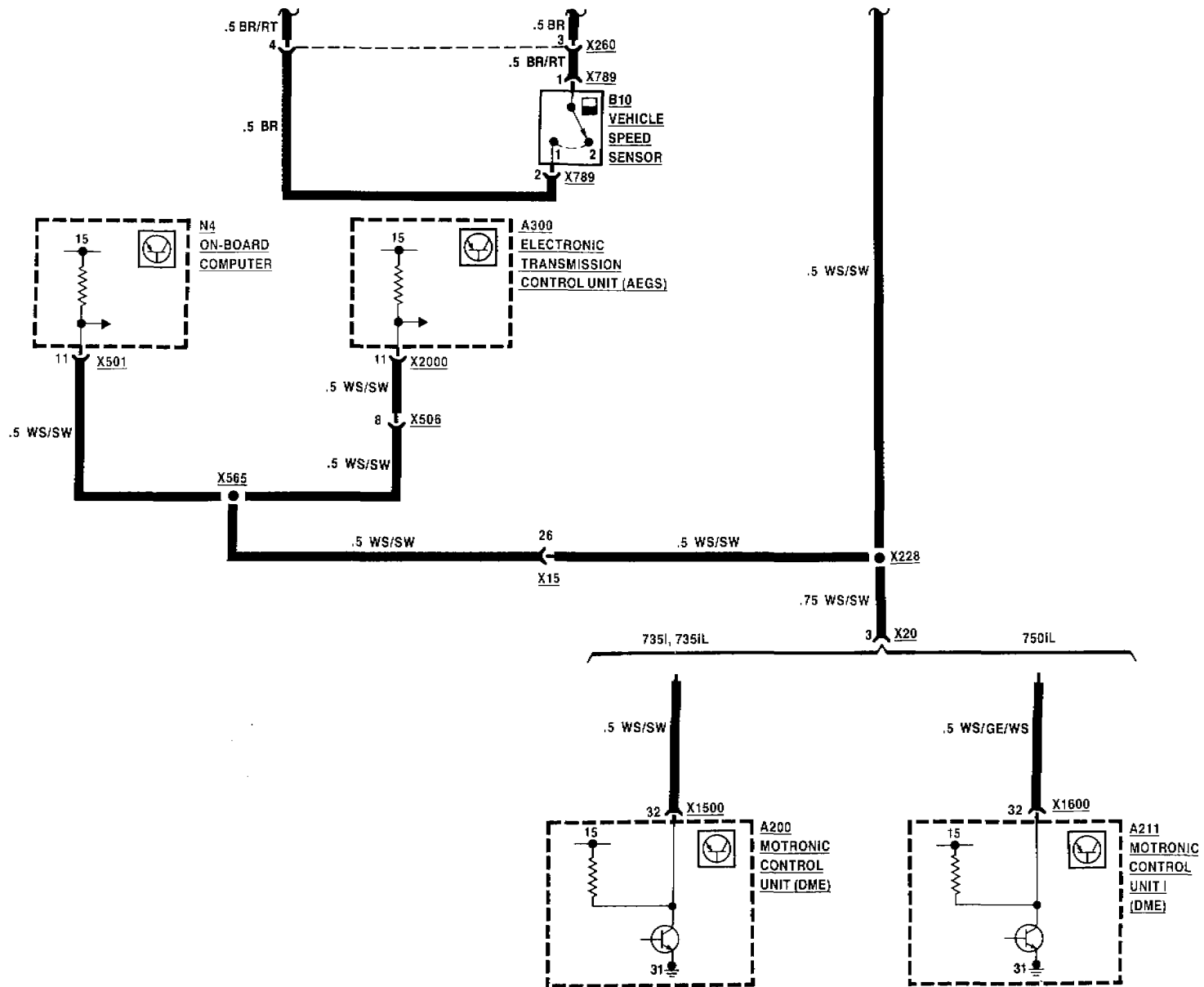


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

**A2 INSTRUMENT CLUSTER**  
 1) FUEL RATE CONSUMPTION  
 2) VEHICLE SPEED OUTPUT



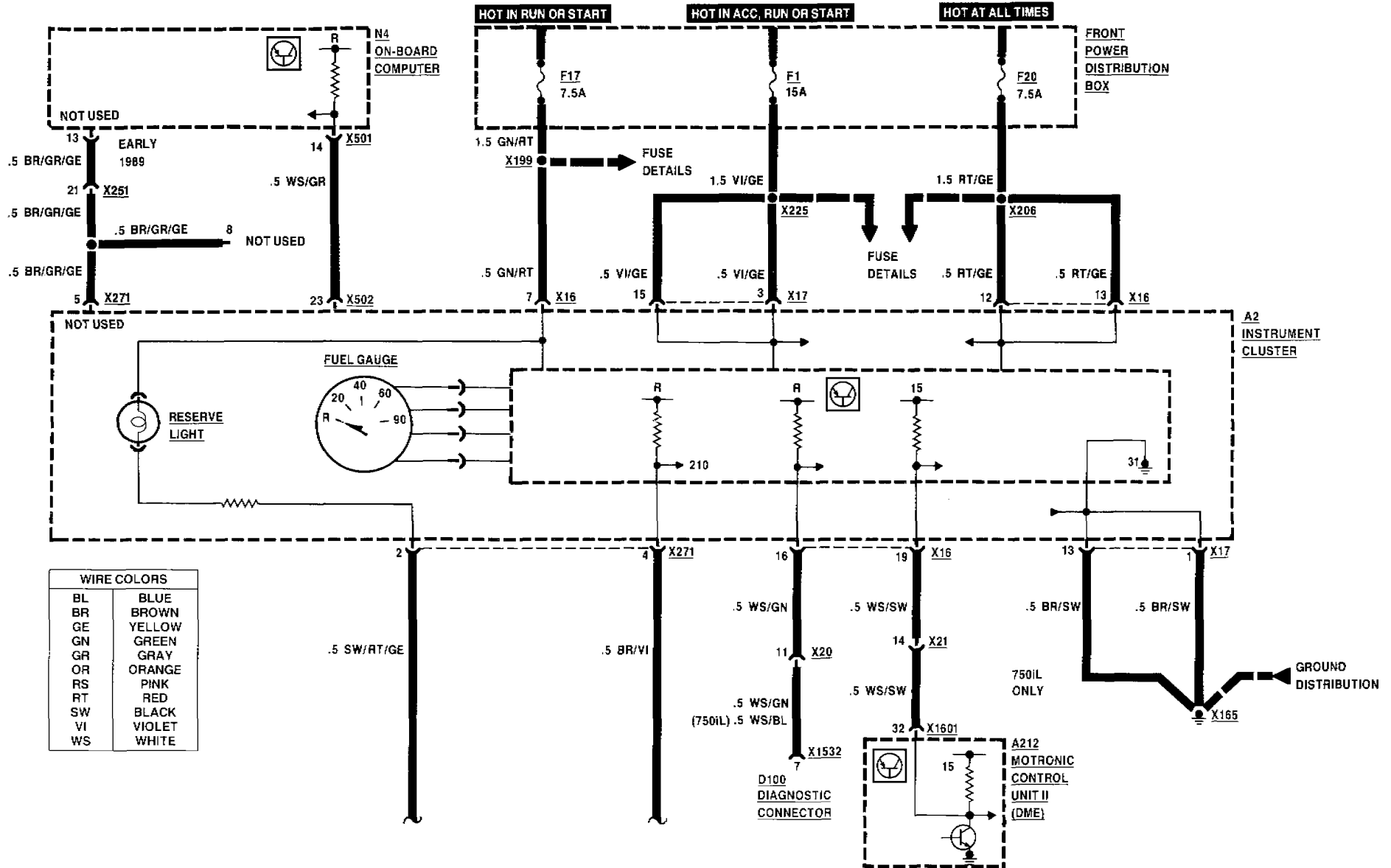
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



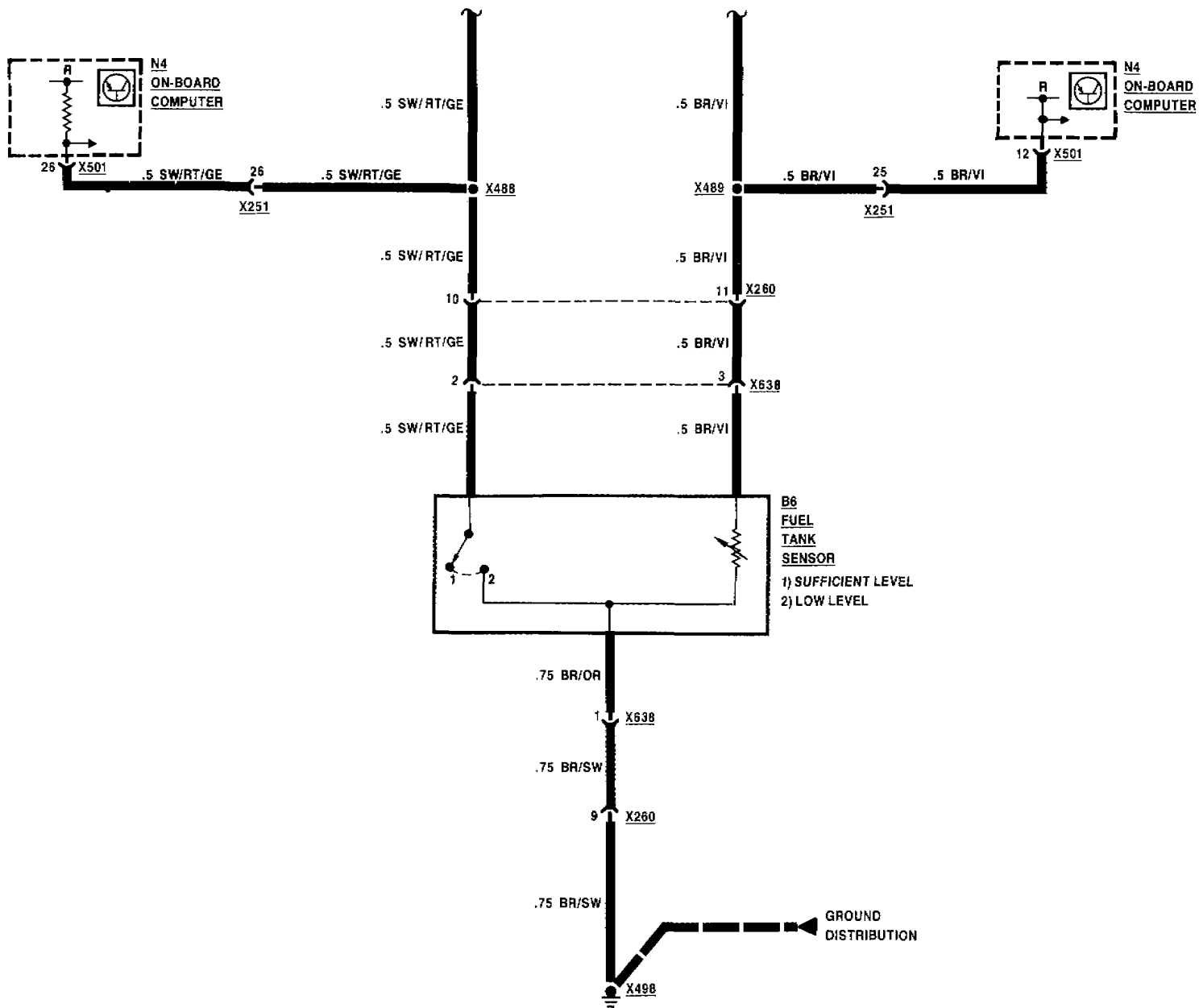


# INSTRUMENT CLUSTER/CHECK CONTROL

## INSTRUMENT CLUSTER GAUGES

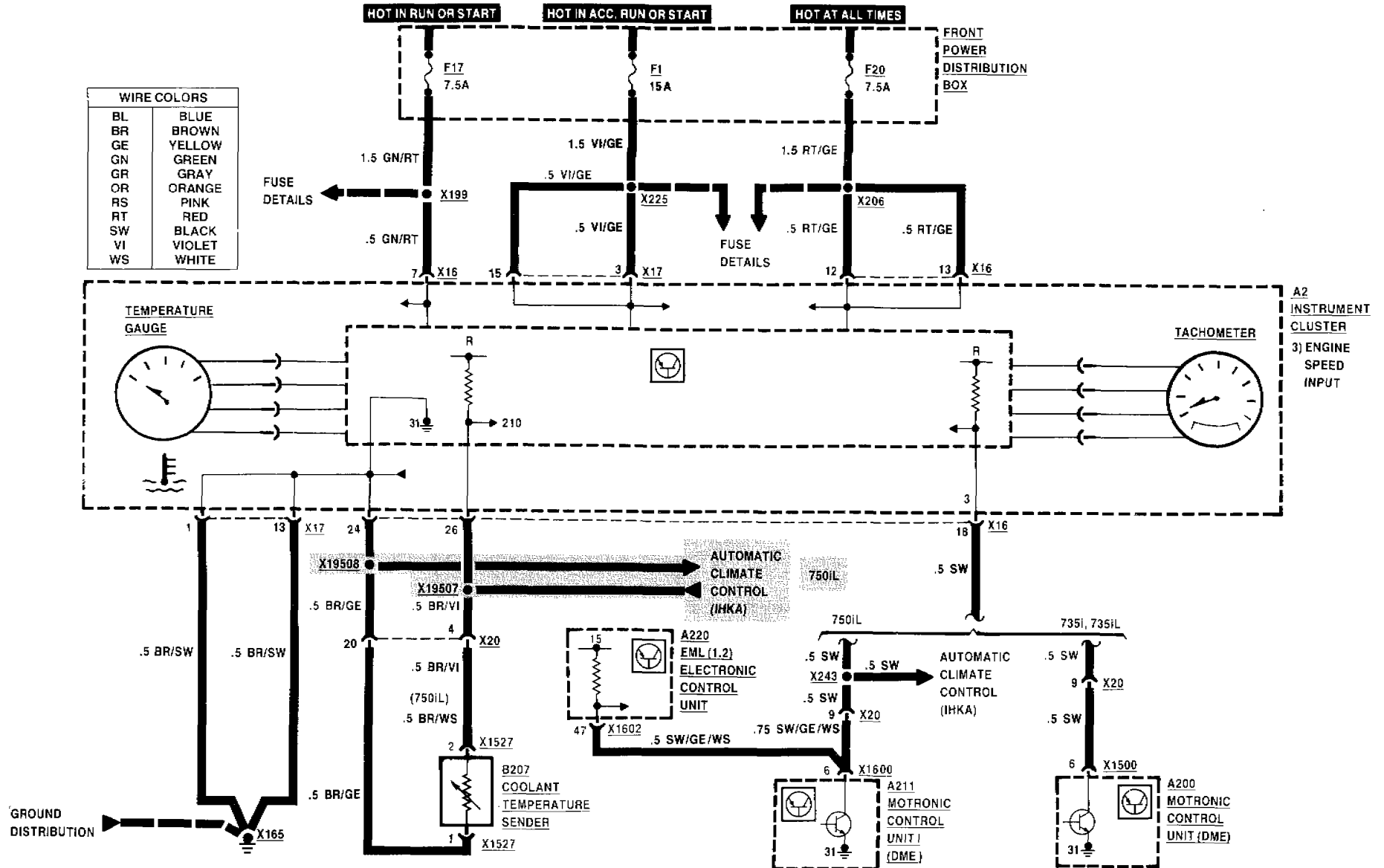


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# INSTRUMENT CLUSTER/CHECK CONTROL GAUGES

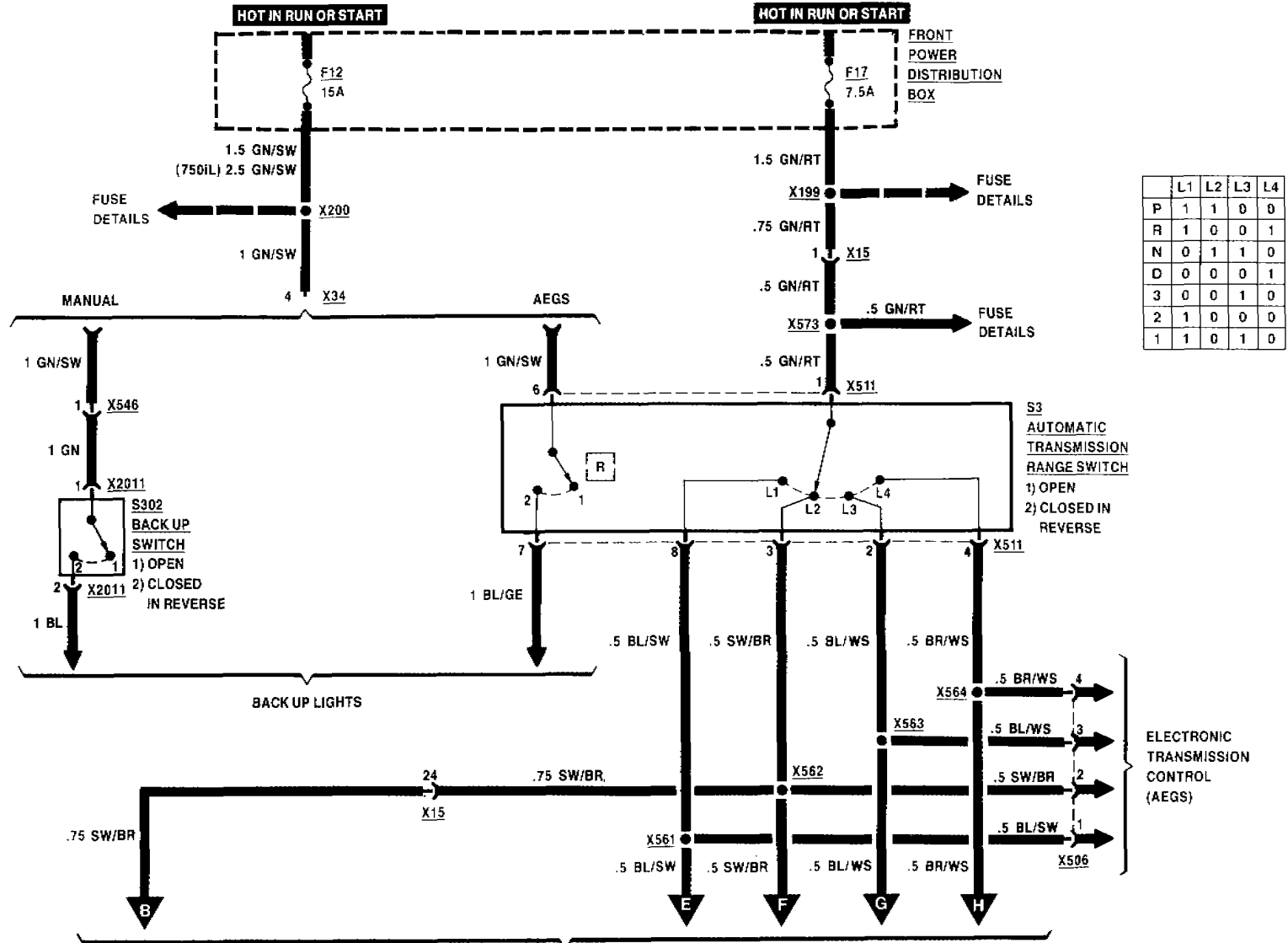
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# INSTRUMENT CLUSTER/CHECK CONTROL

## GEAR INDICATOR



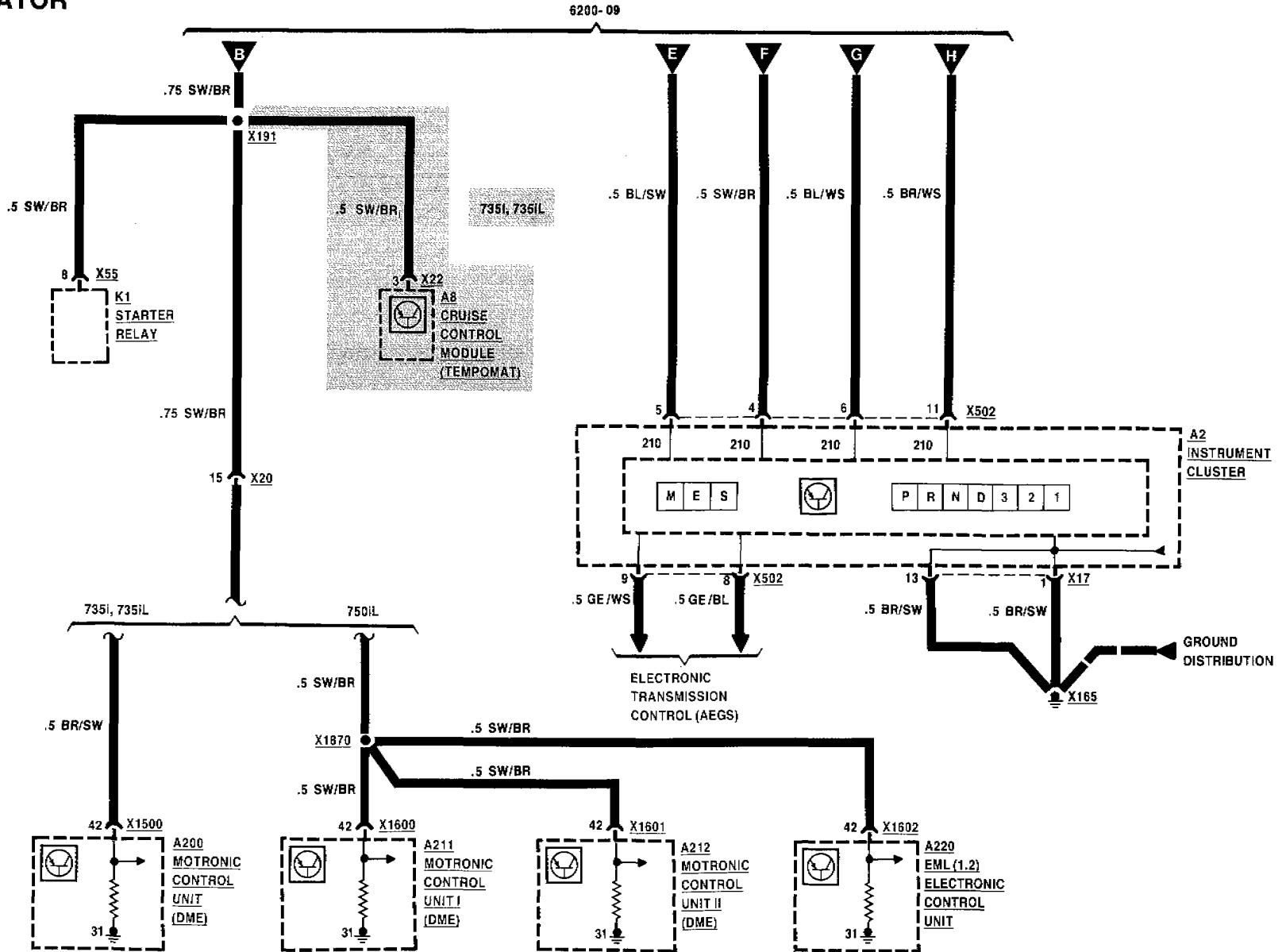
	L1	L2	L3	L4
P	1	1	0	0
R	1	0	0	1
N	0	1	1	0
D	0	0	0	1
3	0	0	1	0
2	1	0	0	0
1	1	0	1	0

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

6200-10



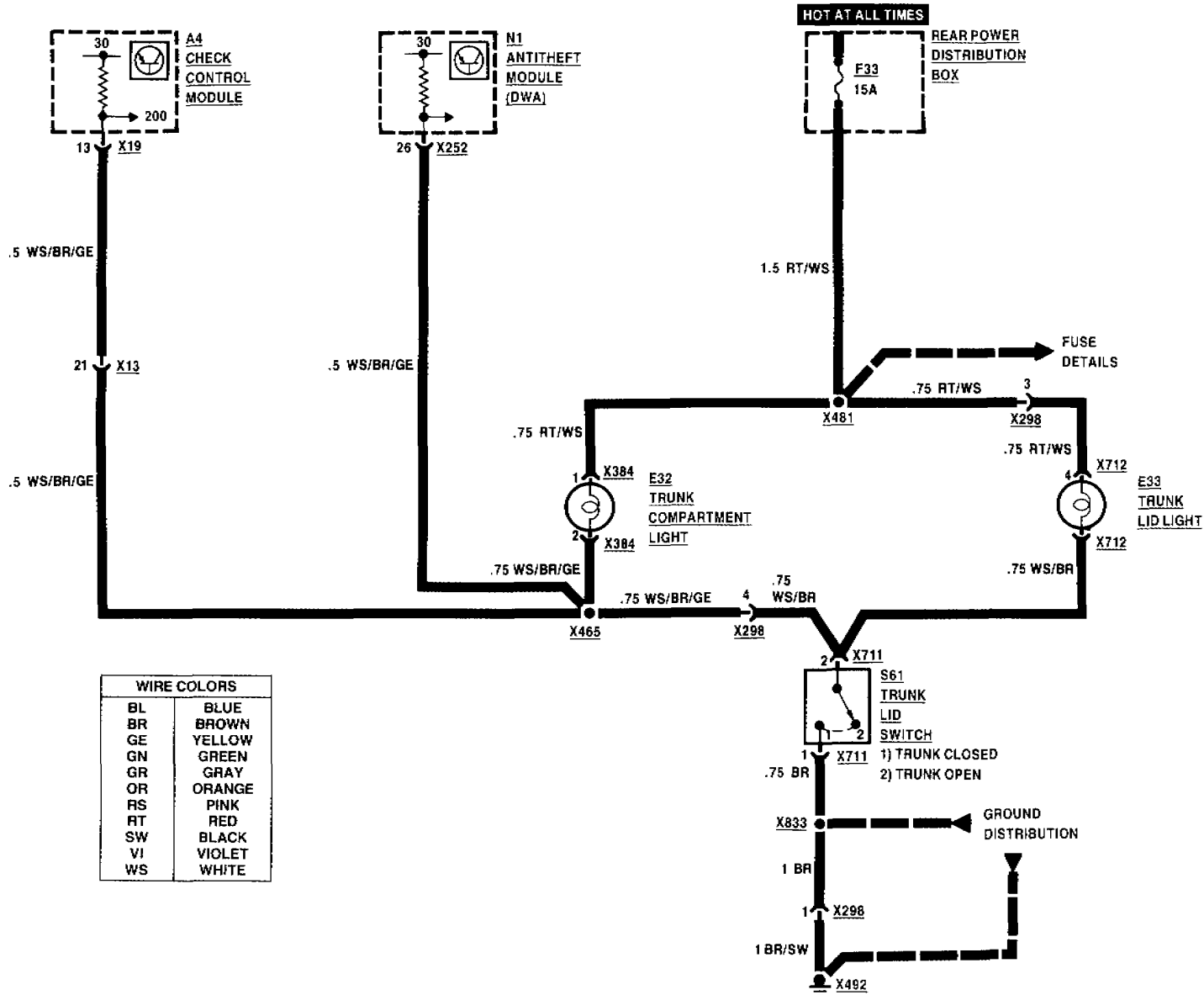
# INSTRUMENT CLUSTER/CHECK CONTROL GEAR INDICATOR





# INSTRUMENT CLUSTER/CHECK CONTROL

## CHECK CONTROL



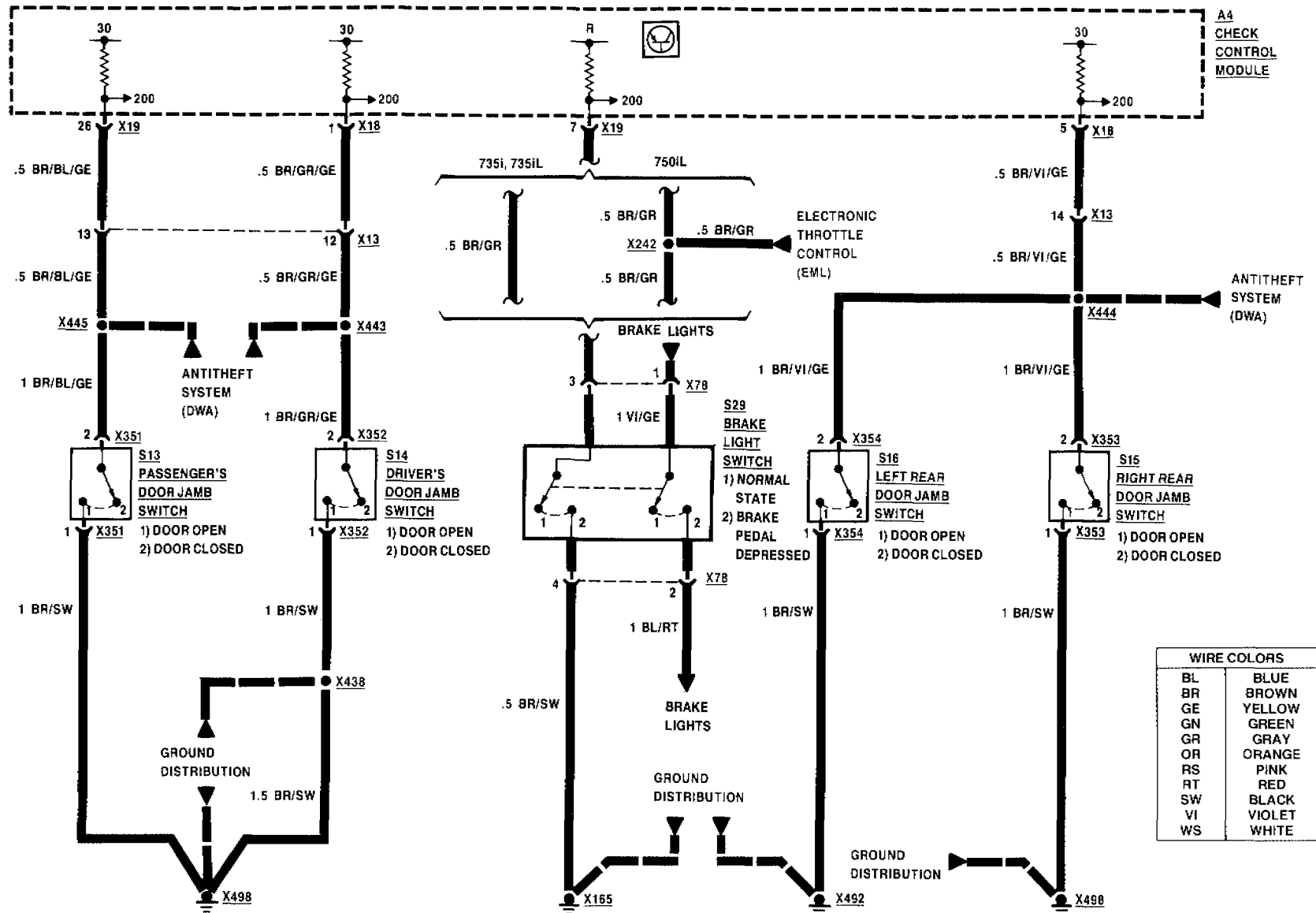






# INSTRUMENT CLUSTER/CHECK CONTROL

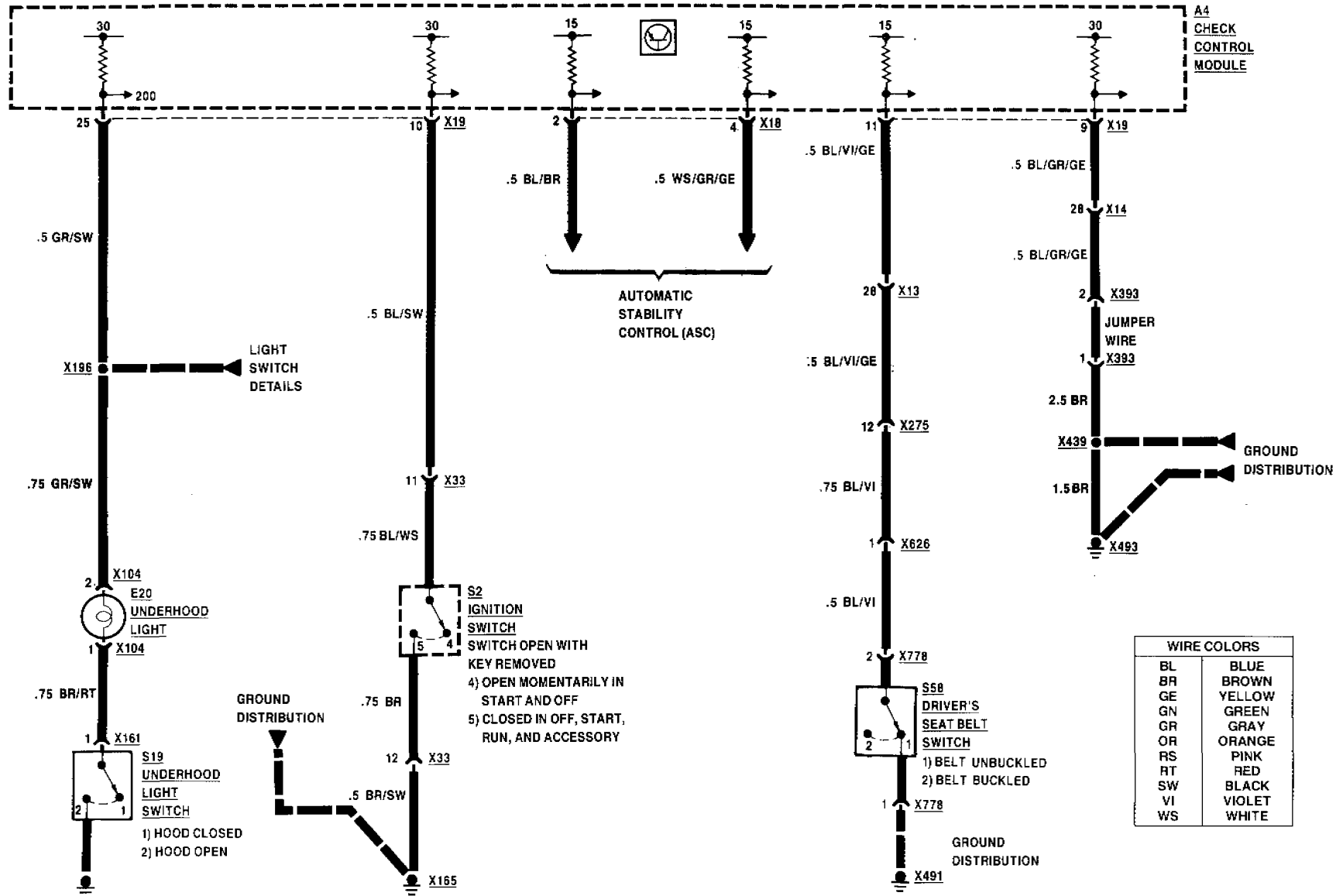
## CHECK CONTROL





# INSTRUMENT CLUSTER/CHECK CONTROL

## CHECK CONTROL

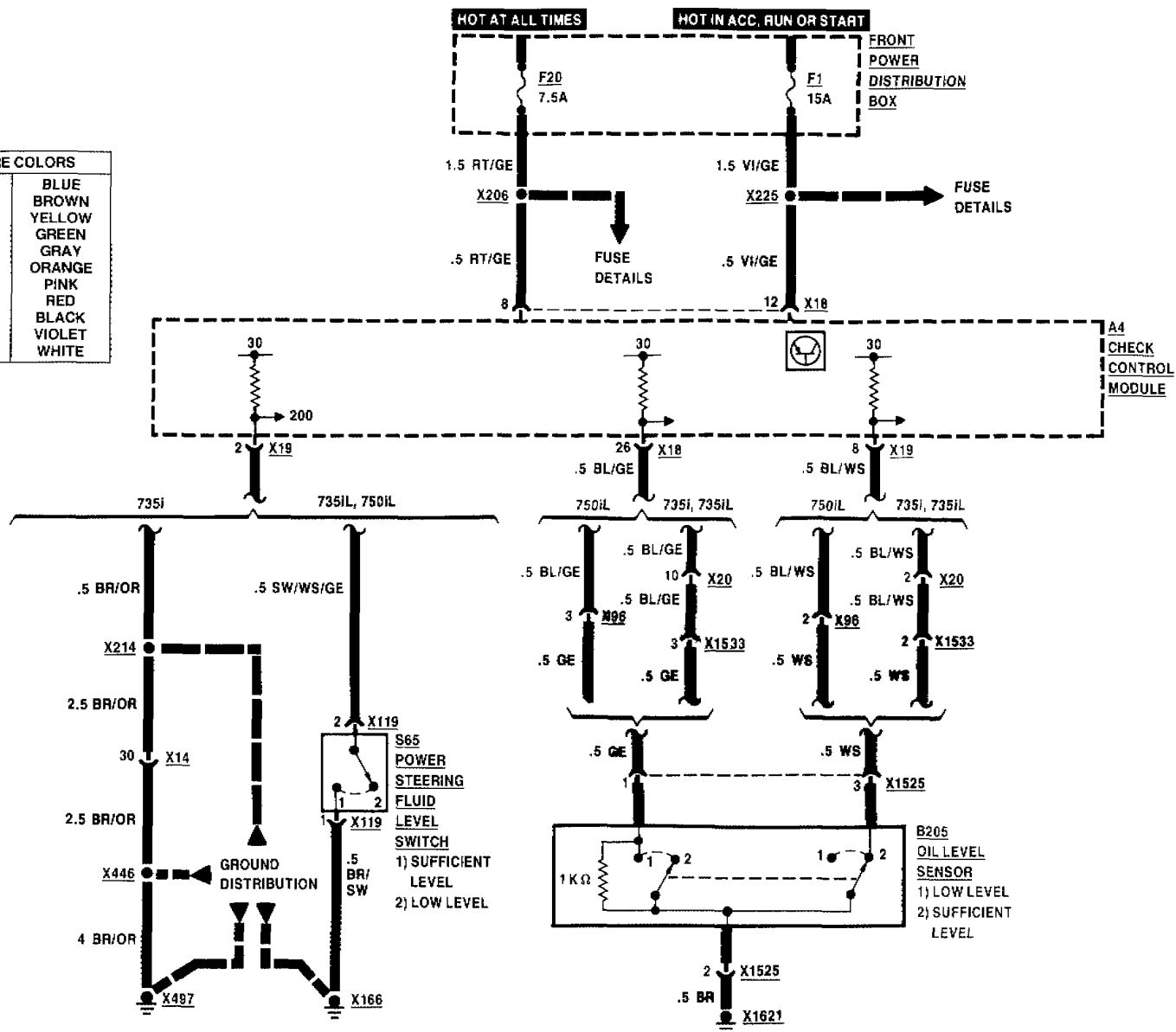




# INSTRUMENT CLUSTER/CHECK CONTROL

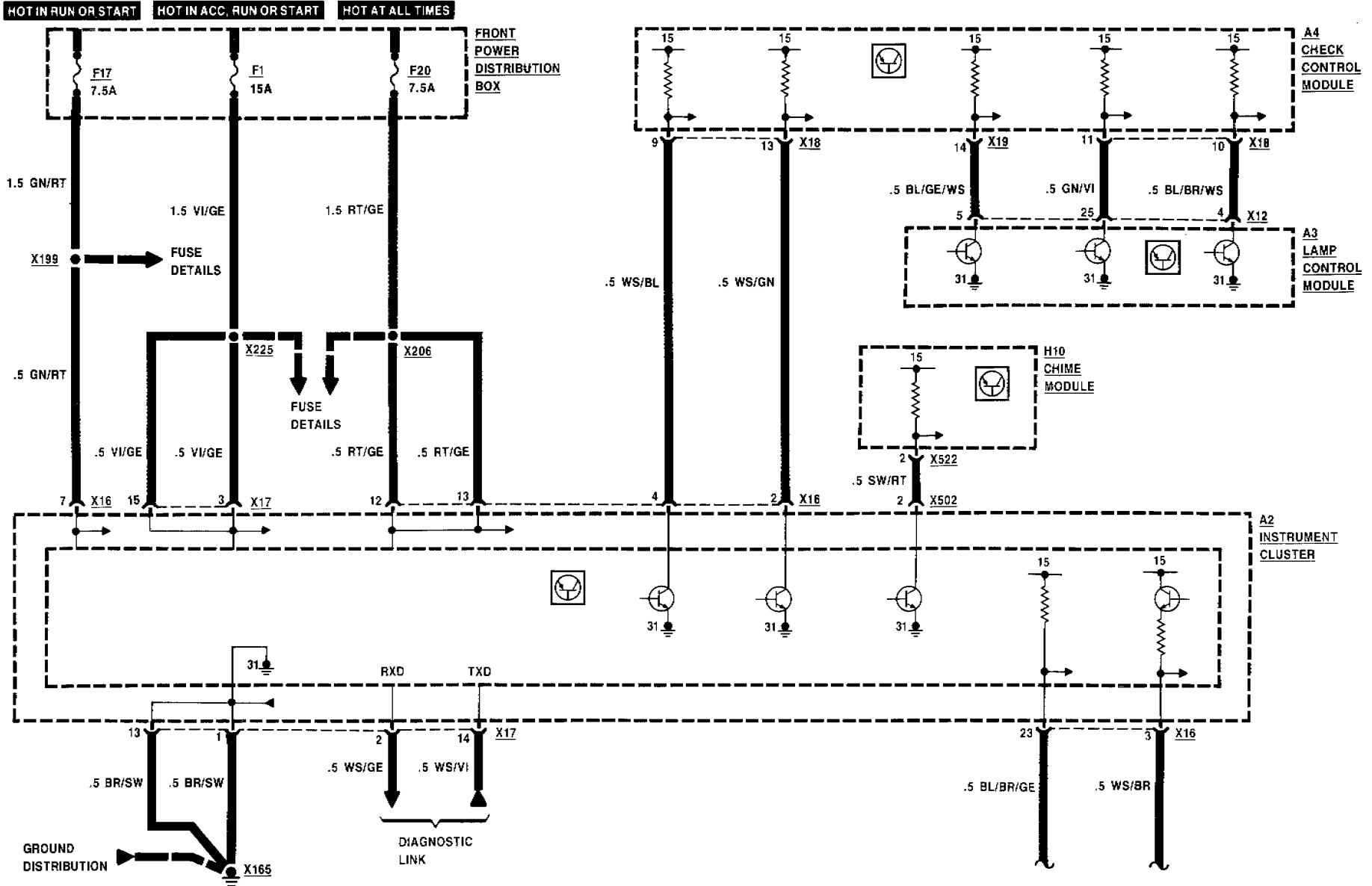
## CHECK CONTROL

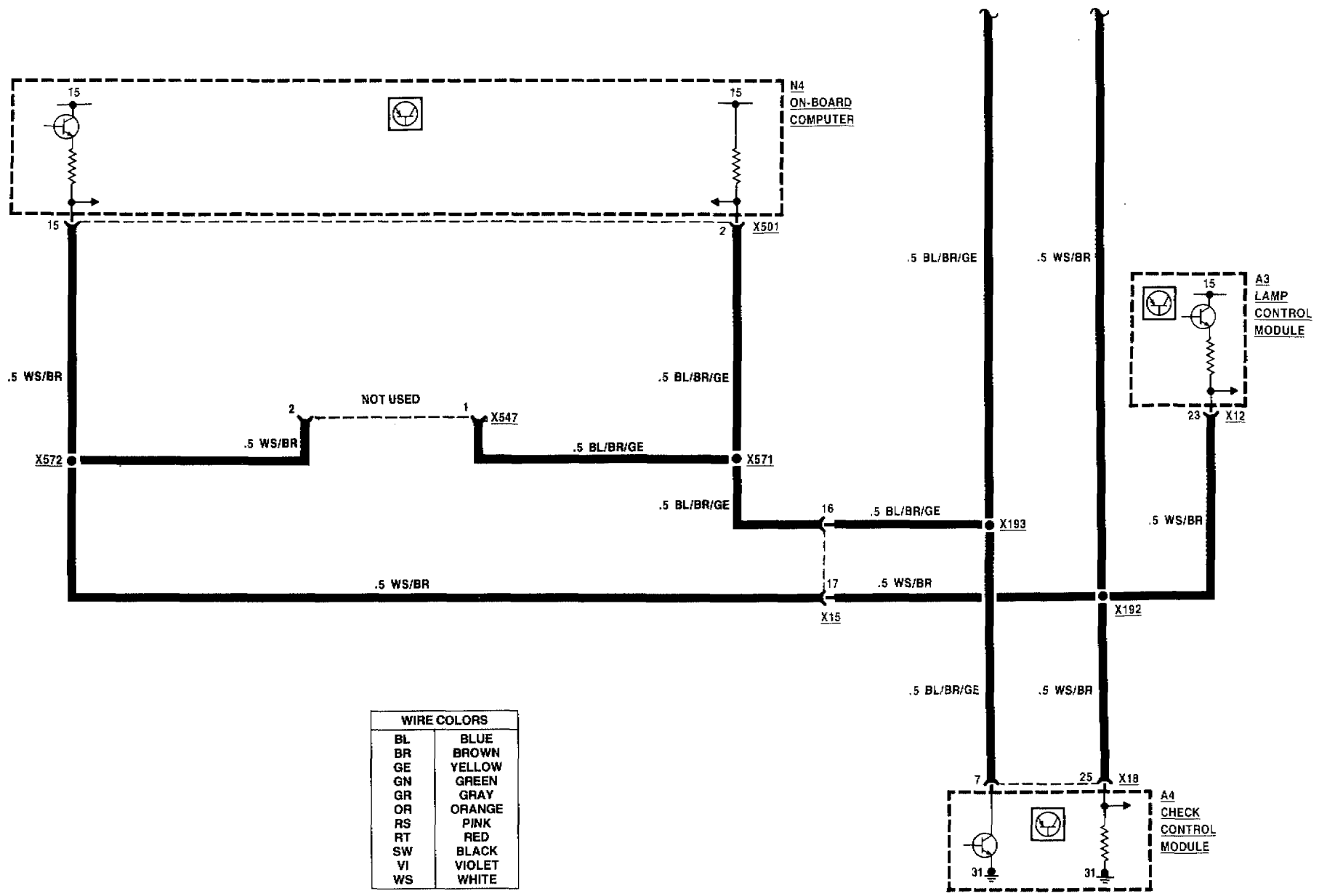
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# INSTRUMENT CLUSTER/CHECK CONTROL DATA LINK

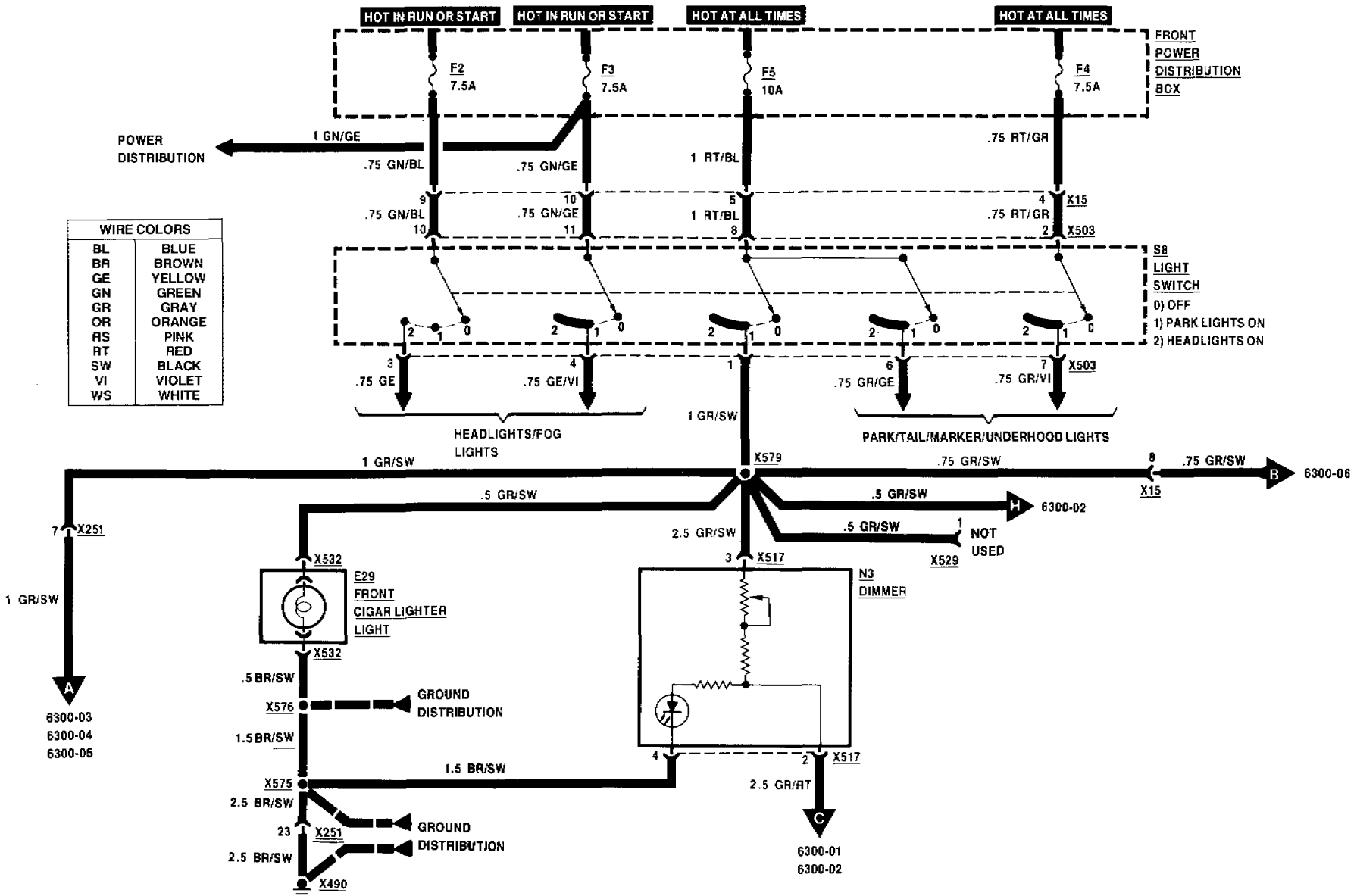




WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

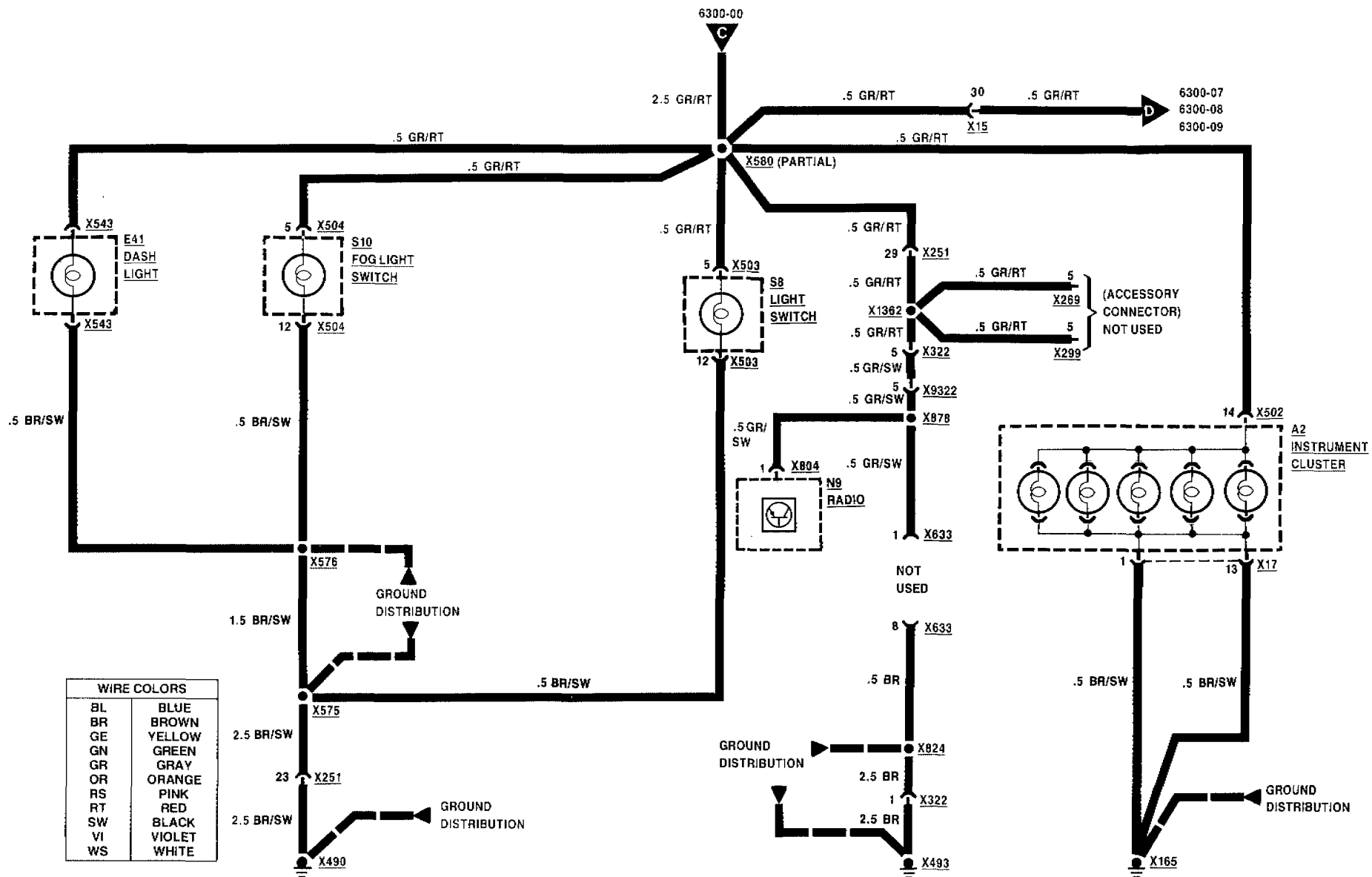


# LIGHT SWITCH DETAILS



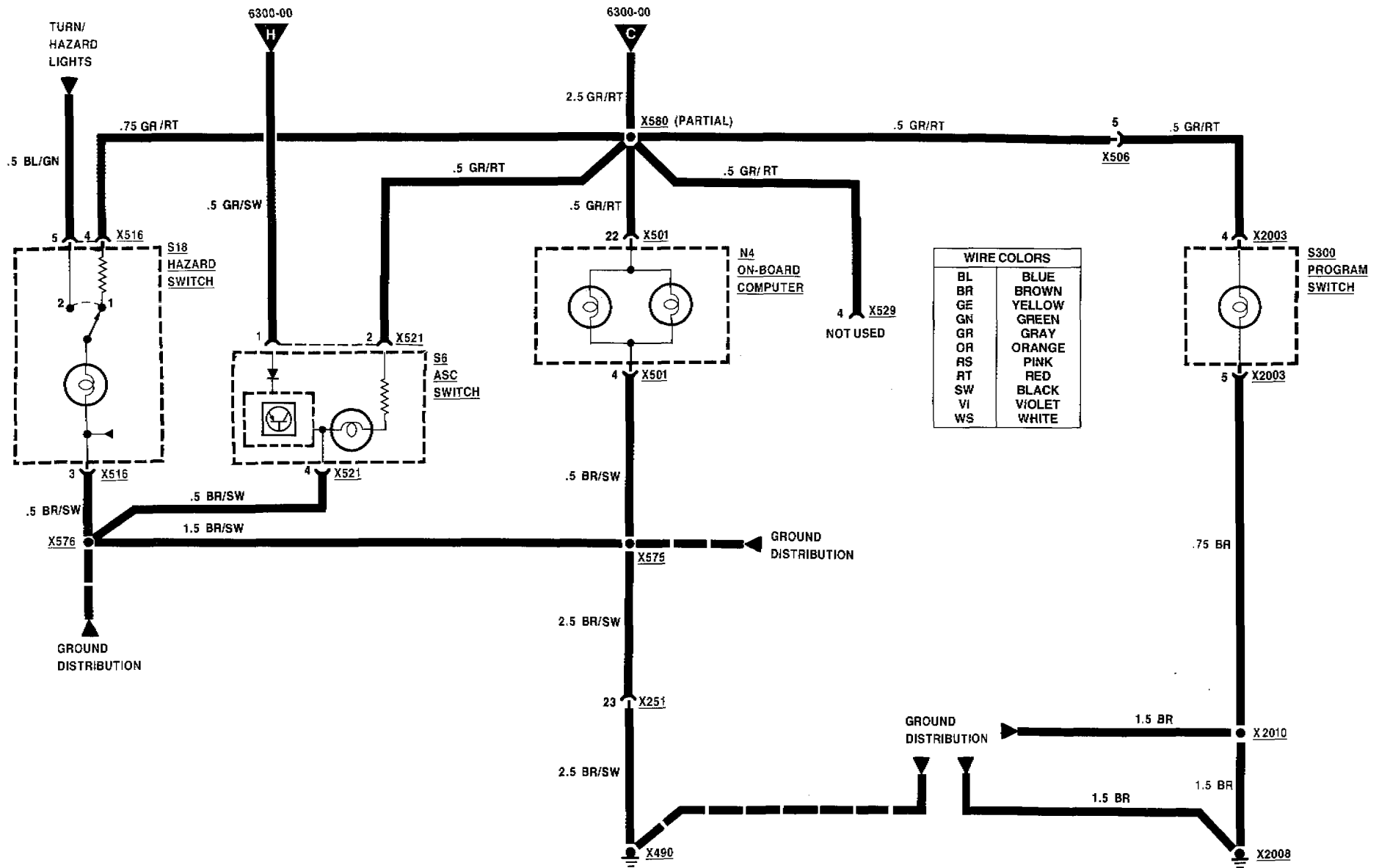
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

# LIGHT SWITCH DETAILS





# LIGHT SWITCH DETAILS

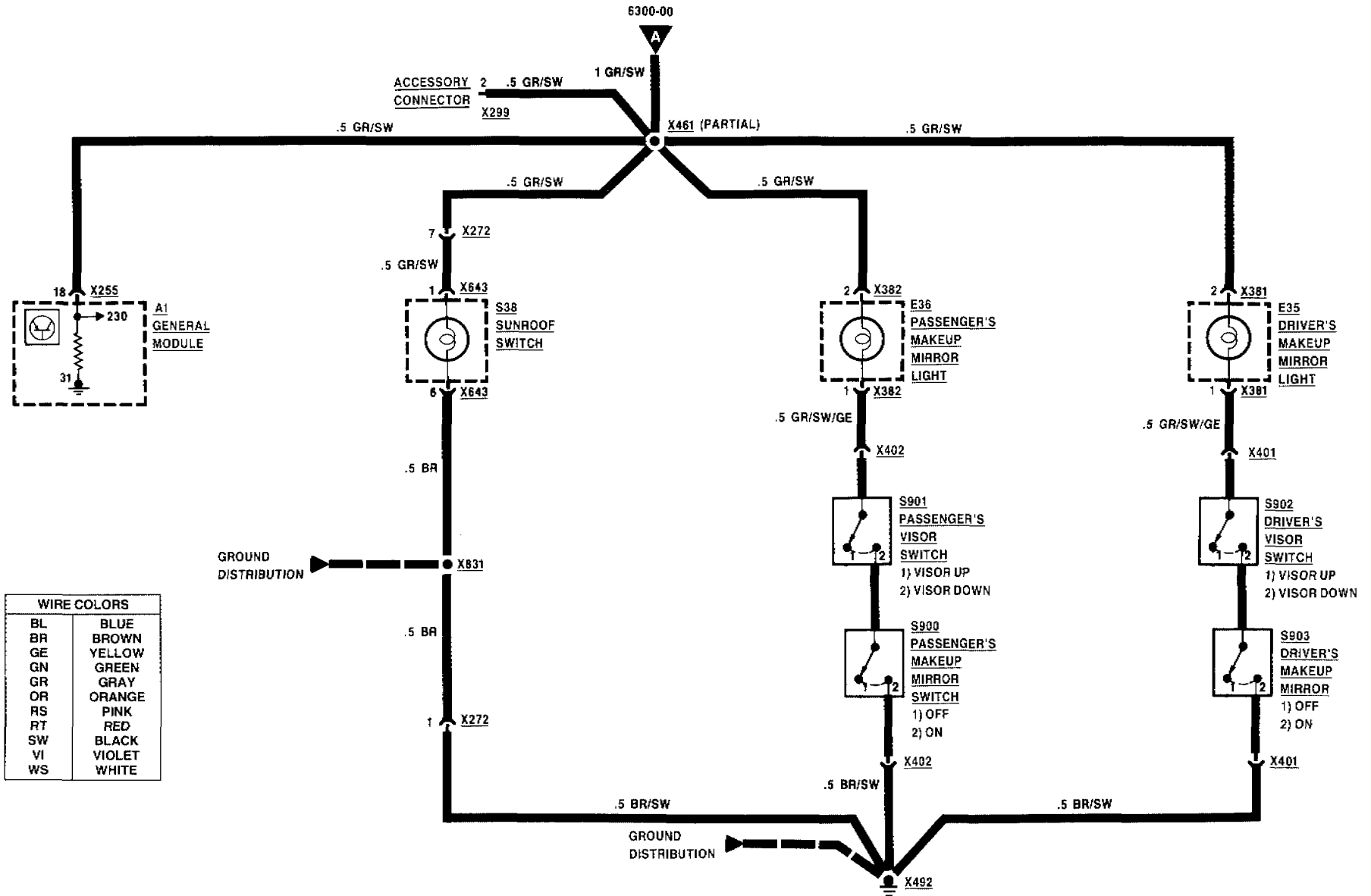


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

09/89  
6300-02  
1990



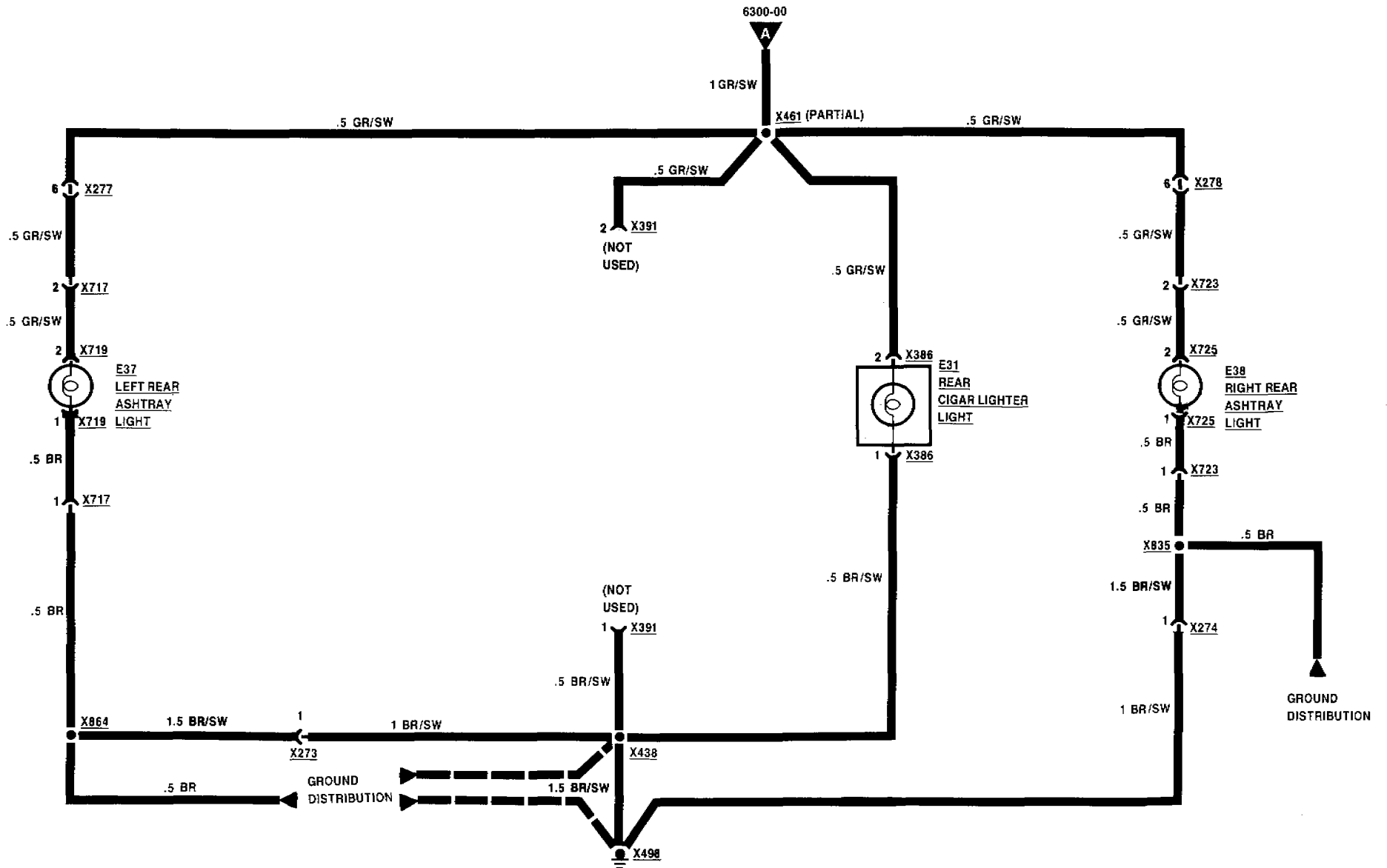
# LIGHT SWITCH DETAILS



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

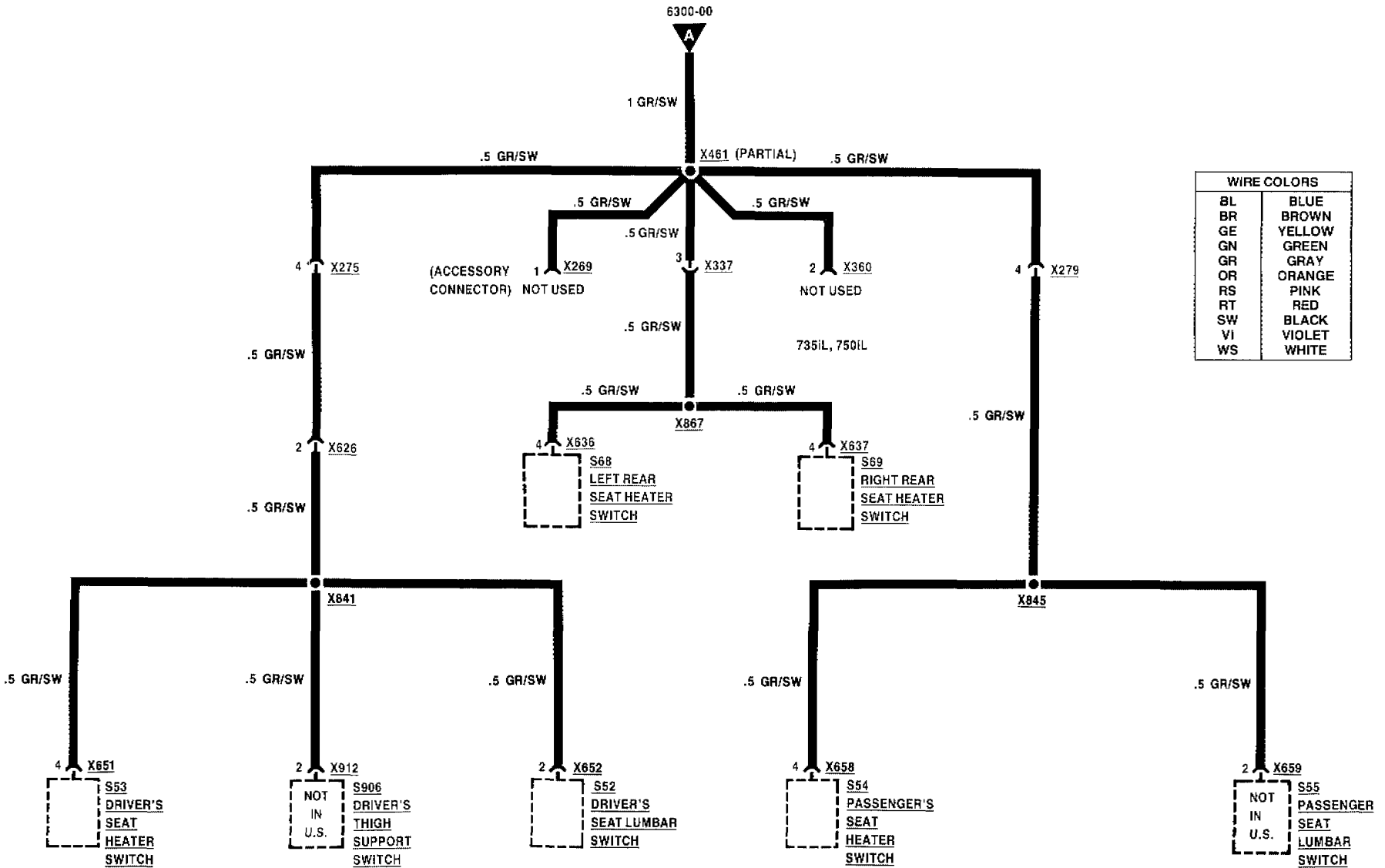


# LIGHT SWITCH DETAILS





# LIGHT SWITCH DETAILS



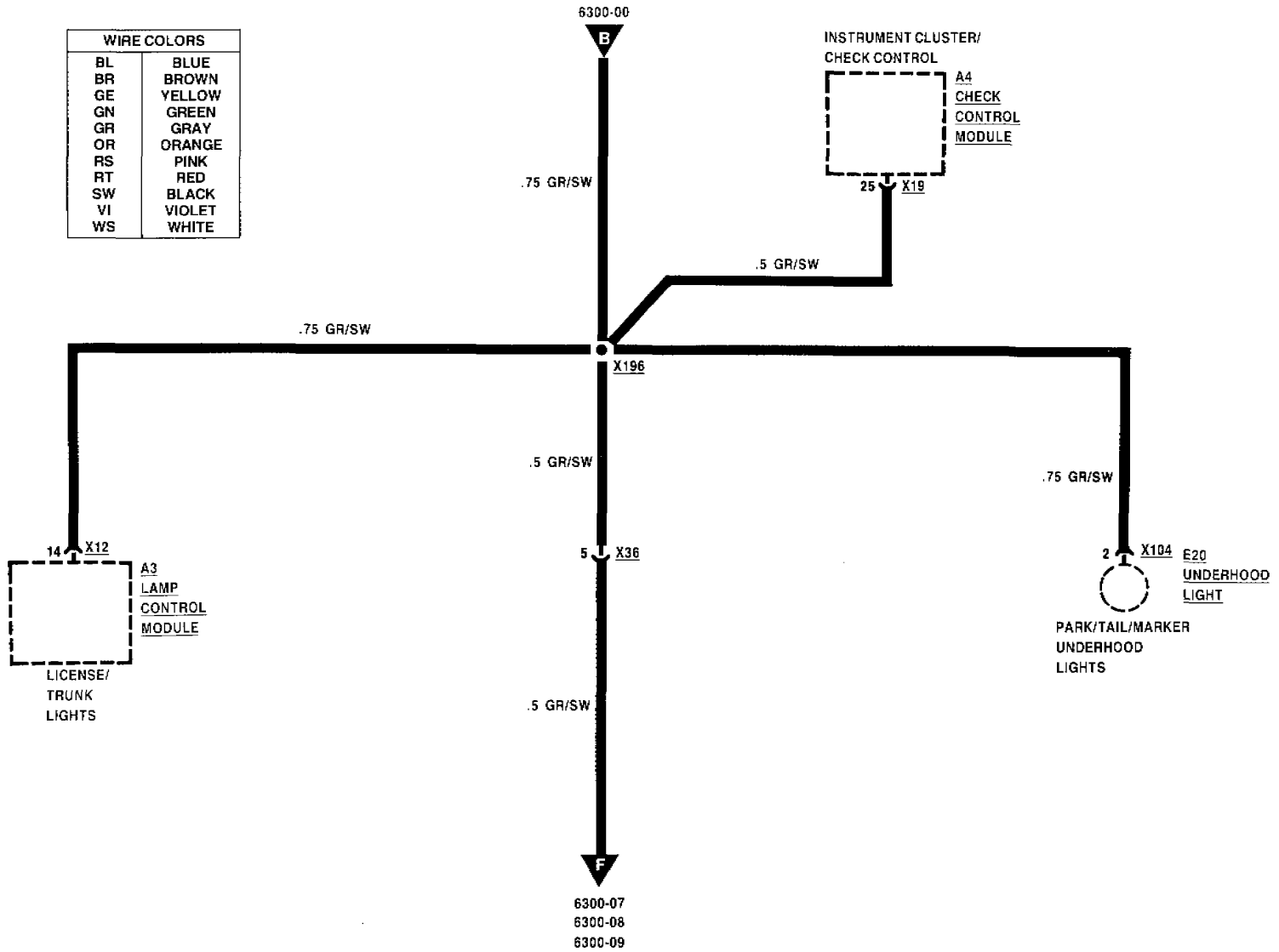
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

07 / 90  
6300-05  
1990



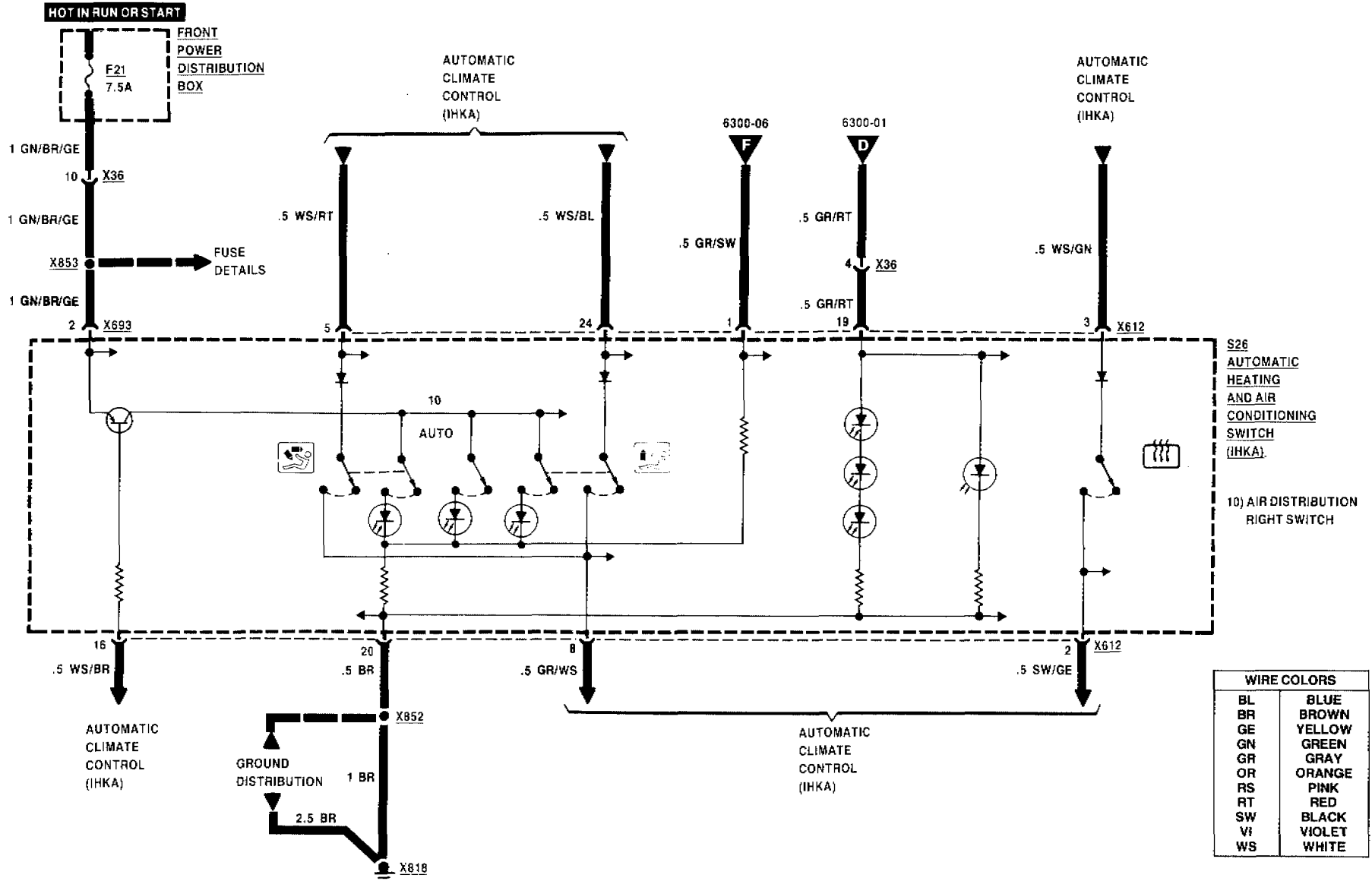
# LIGHT SWITCH DETAILS

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



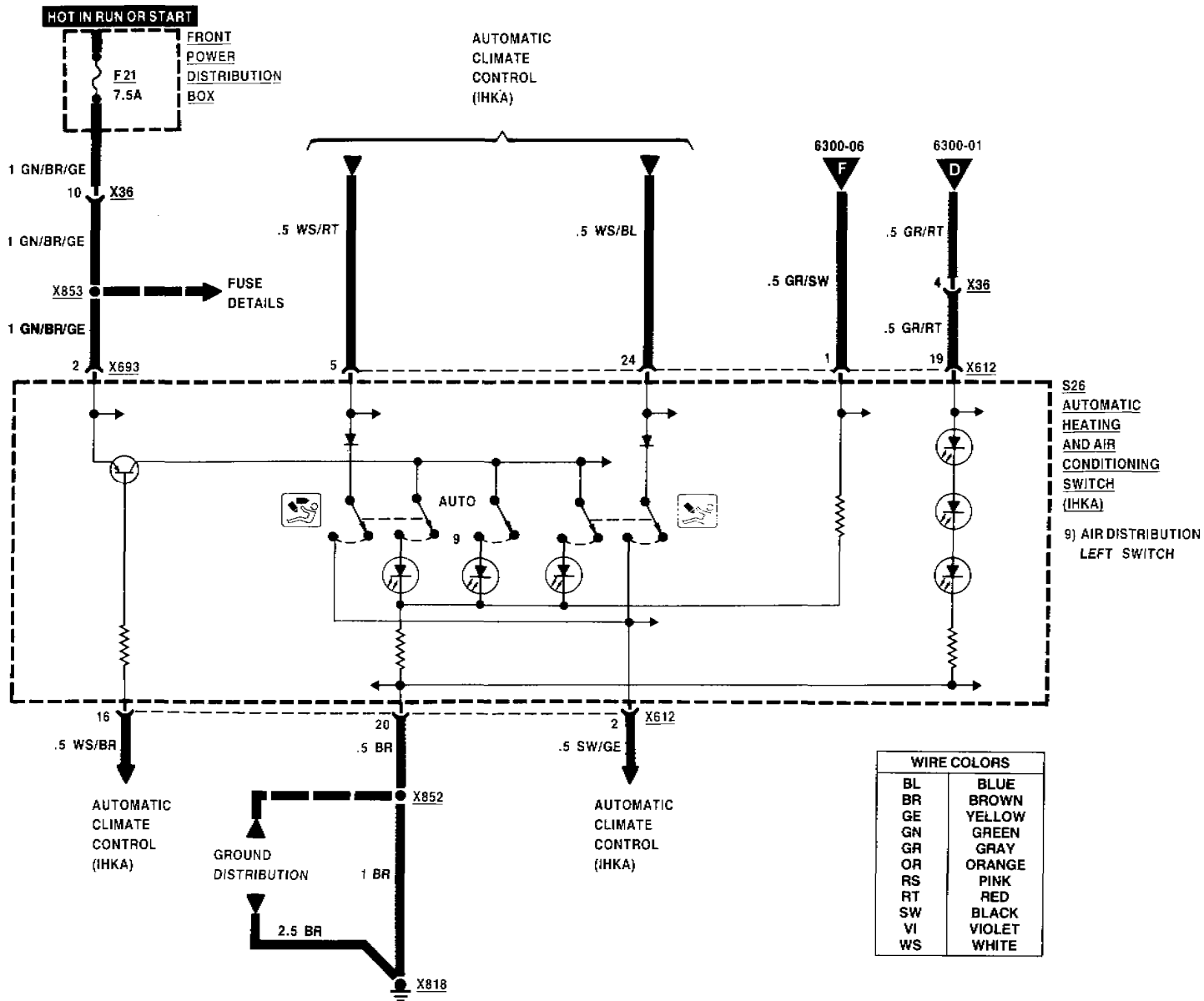


# LIGHT SWITCH DETAILS



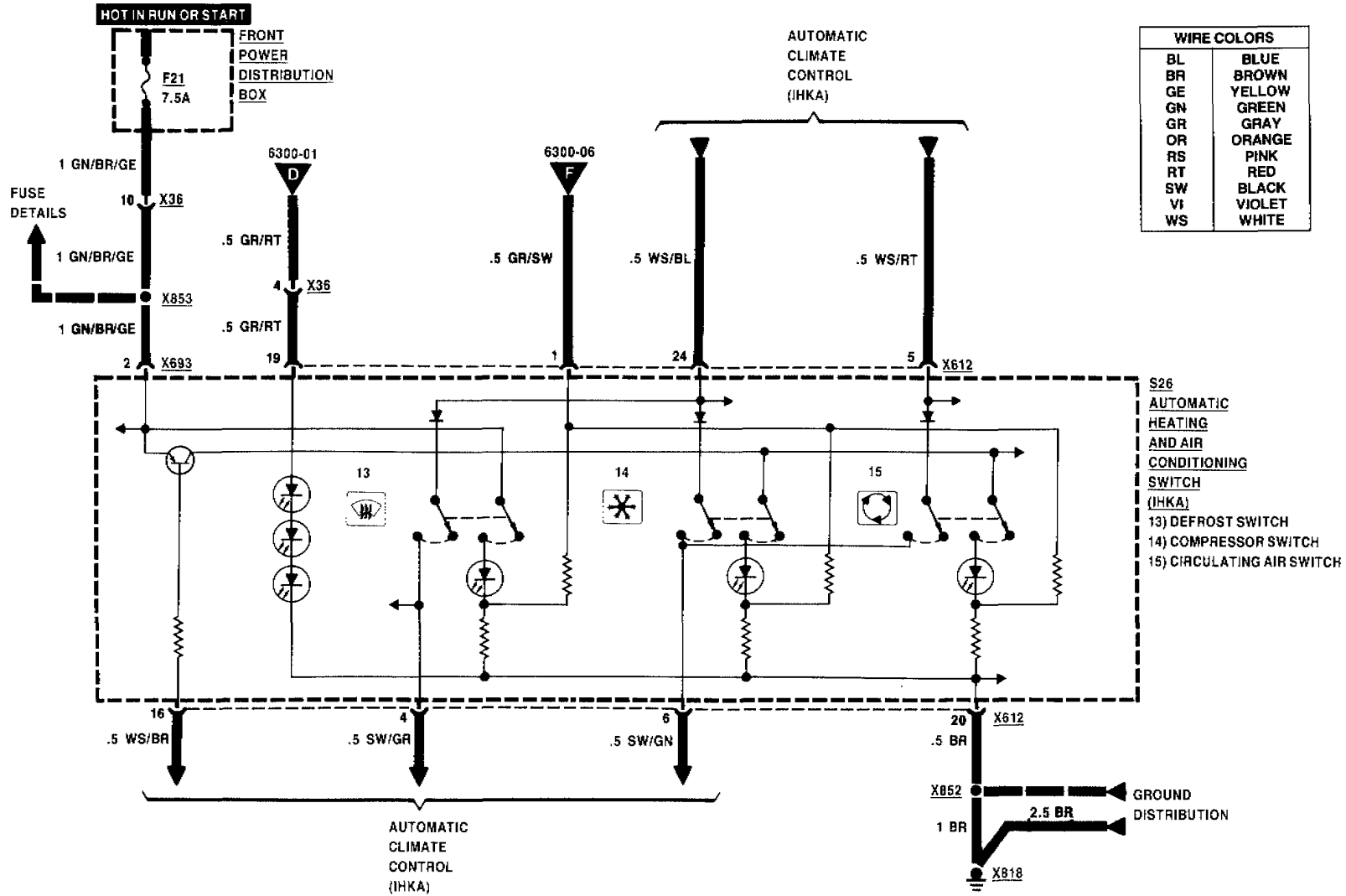
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

# LIGHT SWITCH DETAILS





# LIGHT SWITCH DETAILS



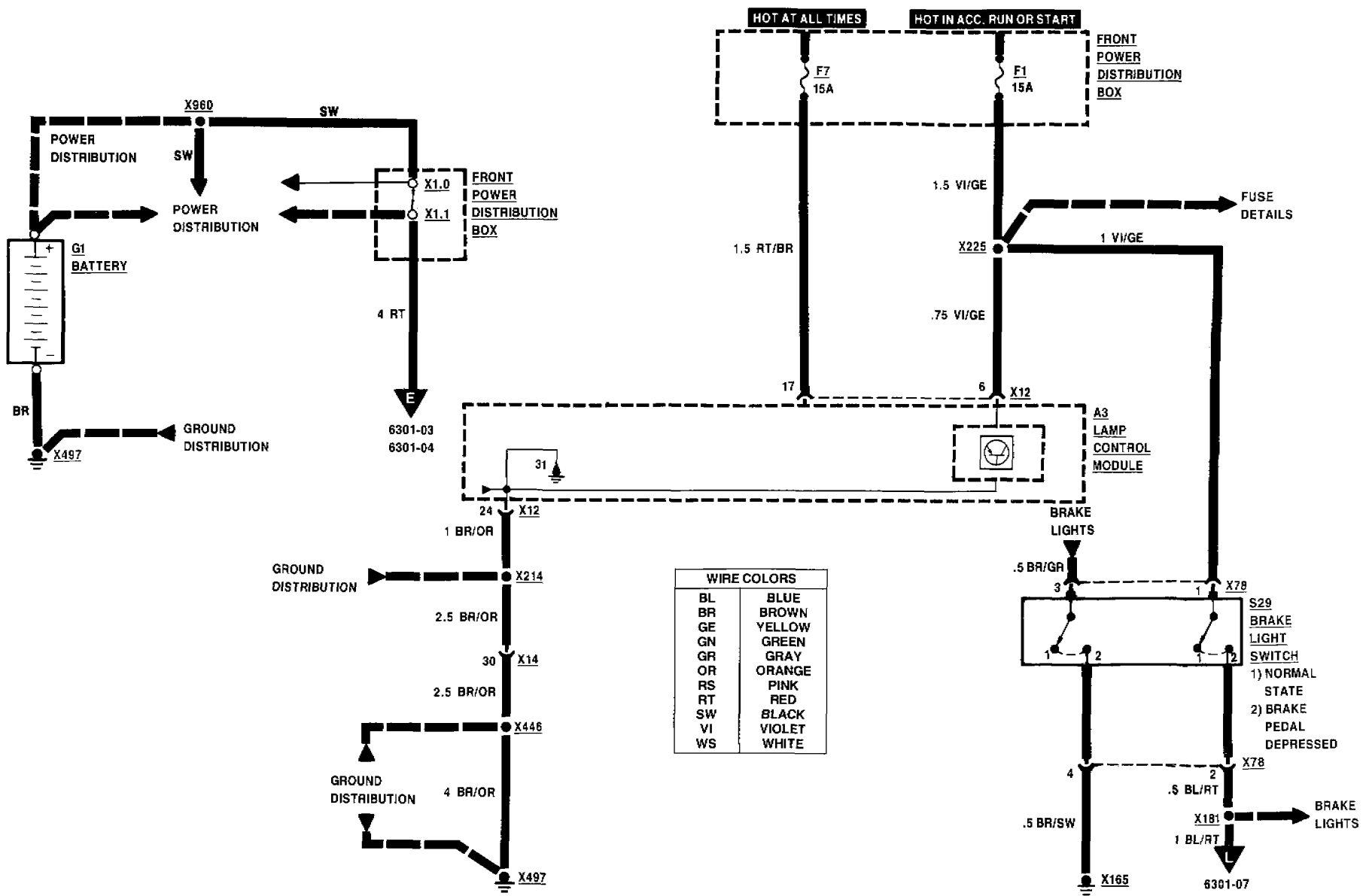


# LAMP MONITOR (LKM)

09/89

6301-00

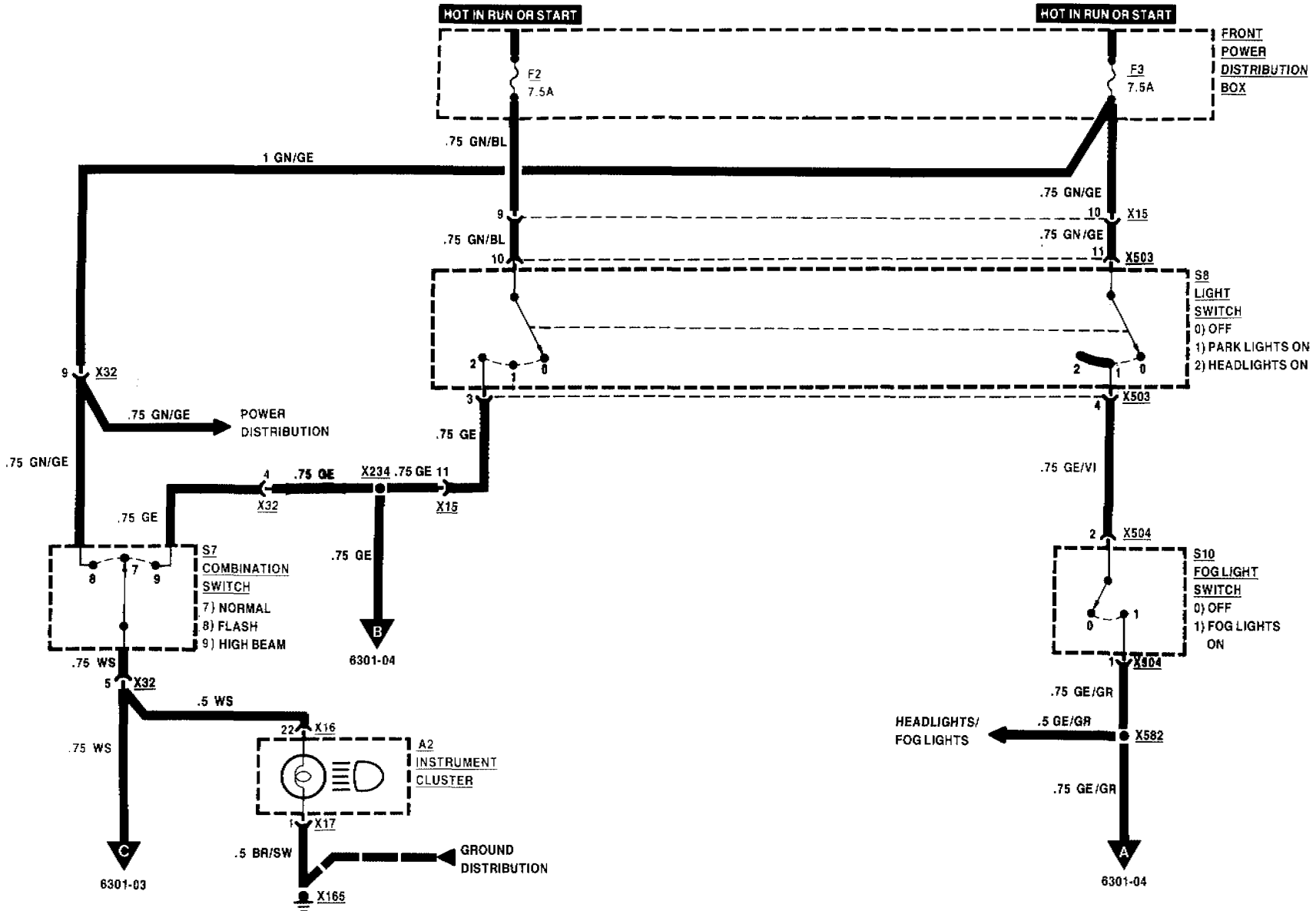
1990





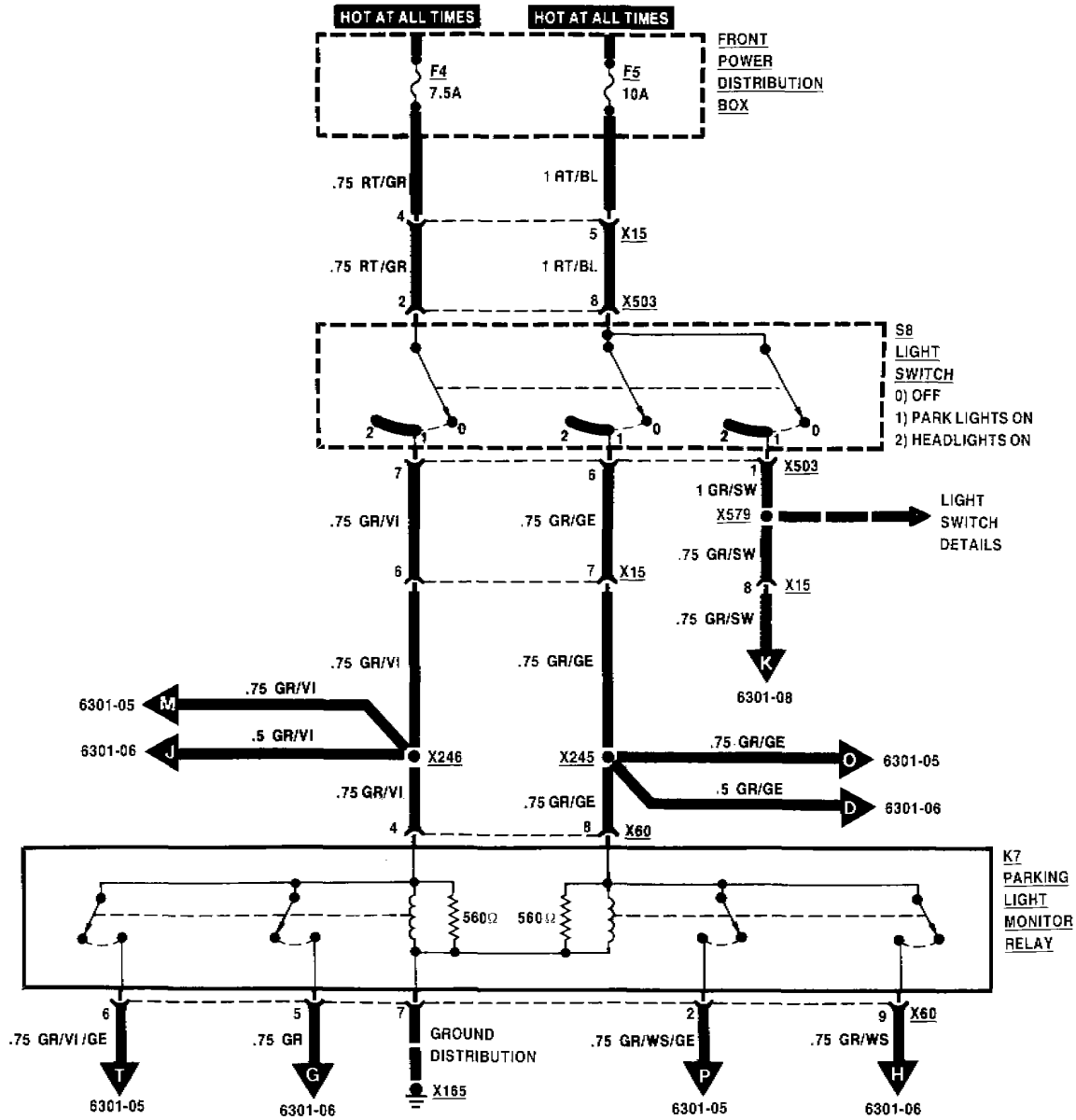


# LAMP MONITOR (LKM)





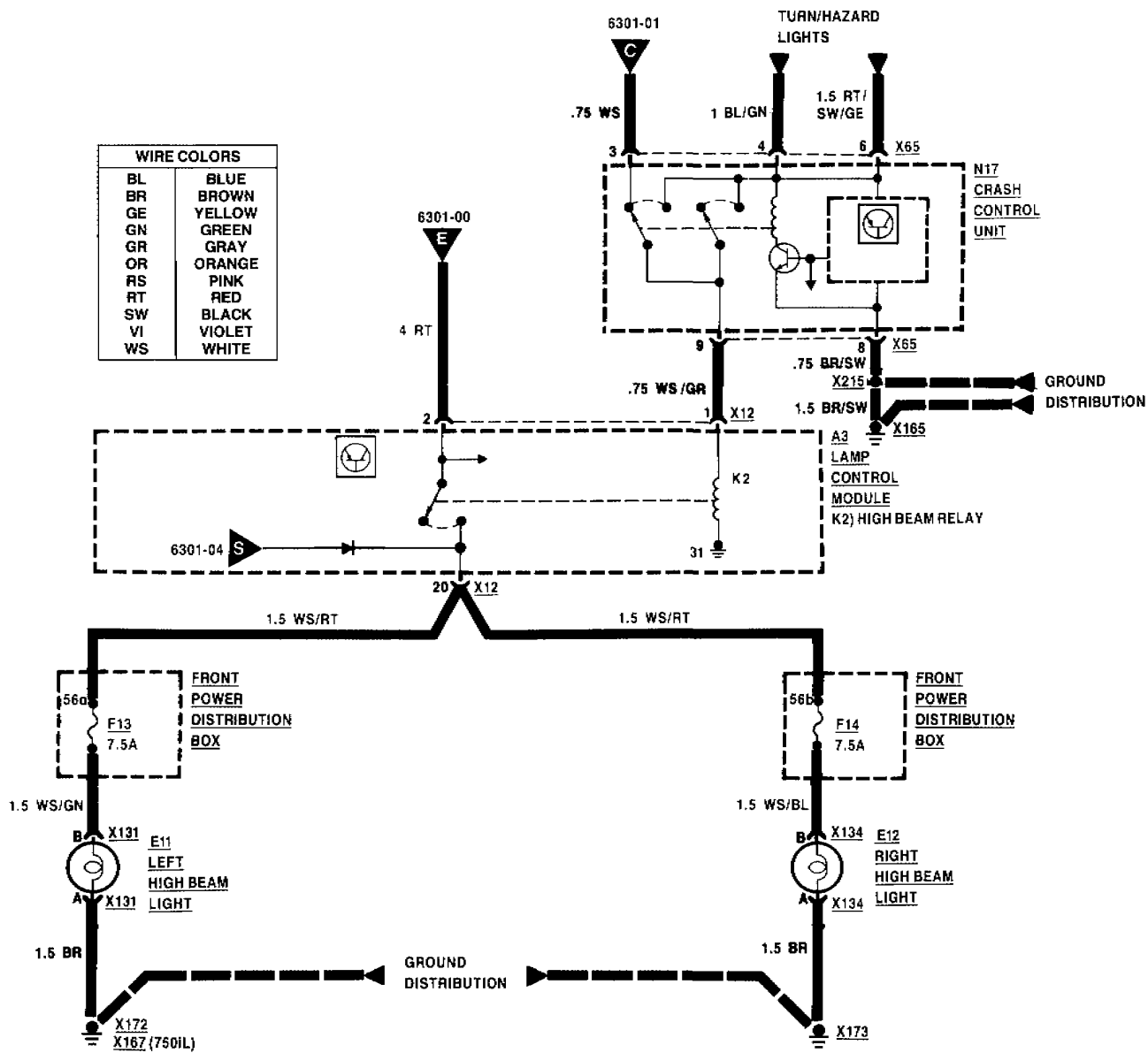
# LAMP MONITOR (LKM)



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

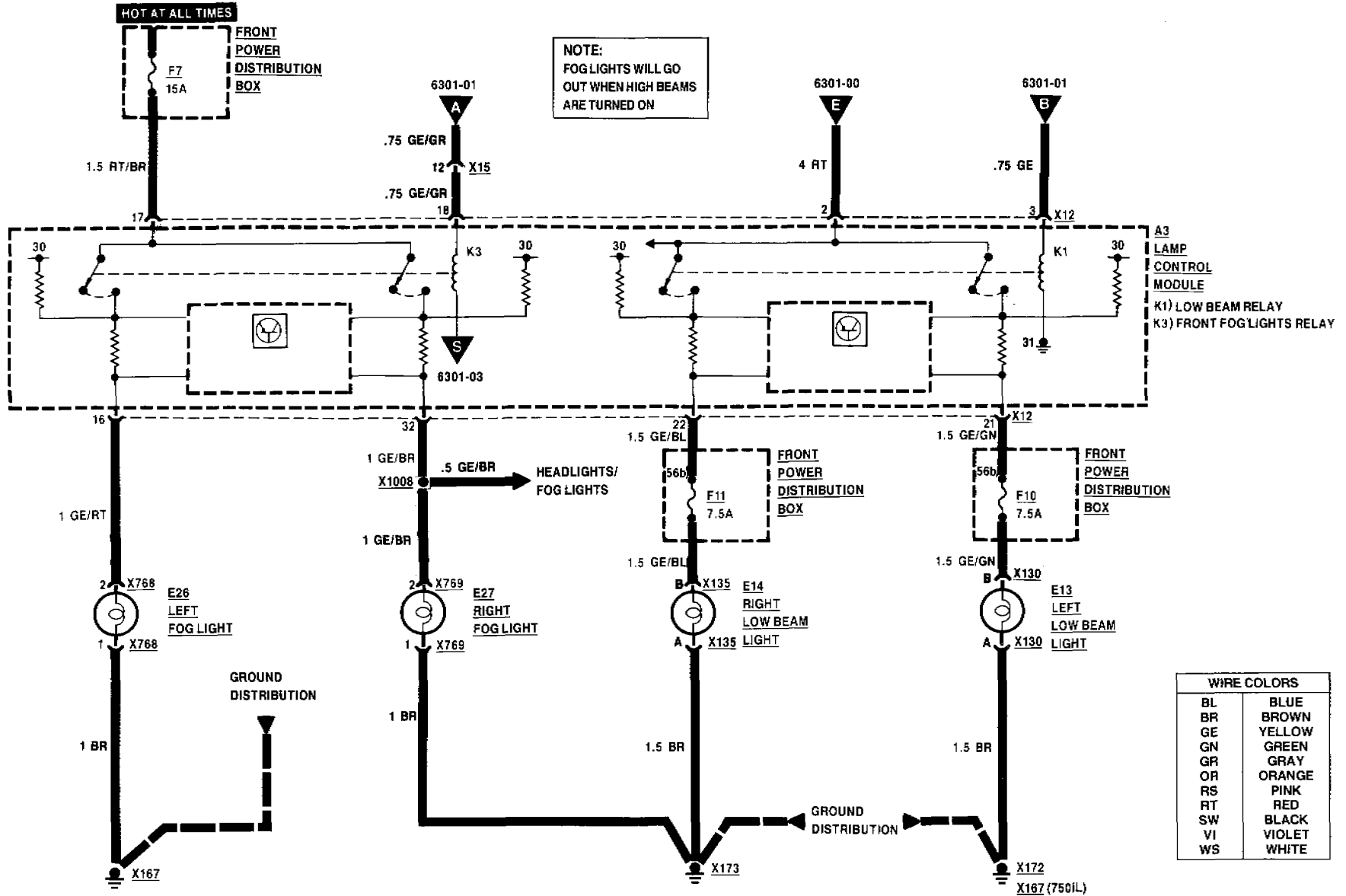


# LAMP MONITOR (LKM)



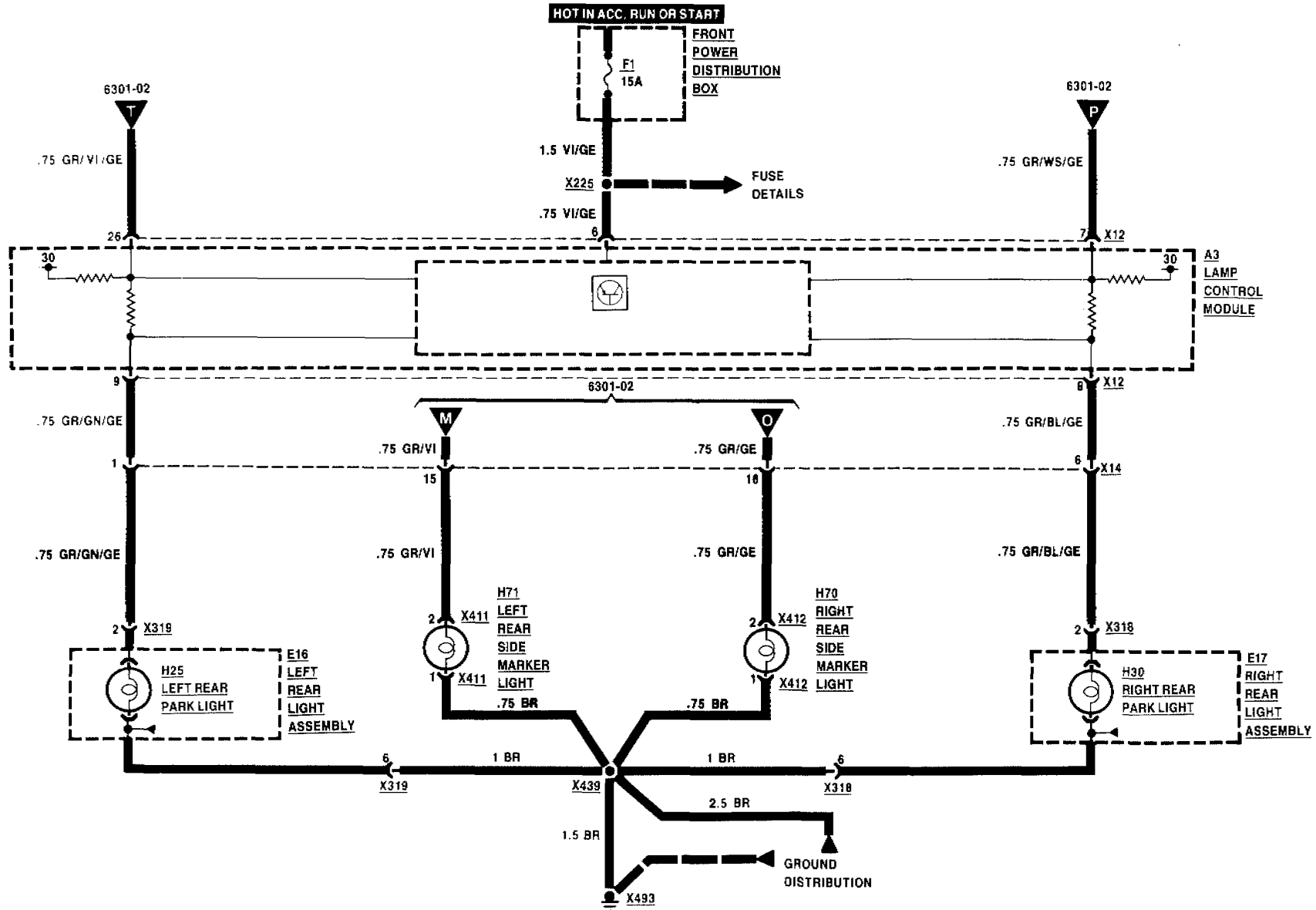


# LAMP MONITOR (LKM)



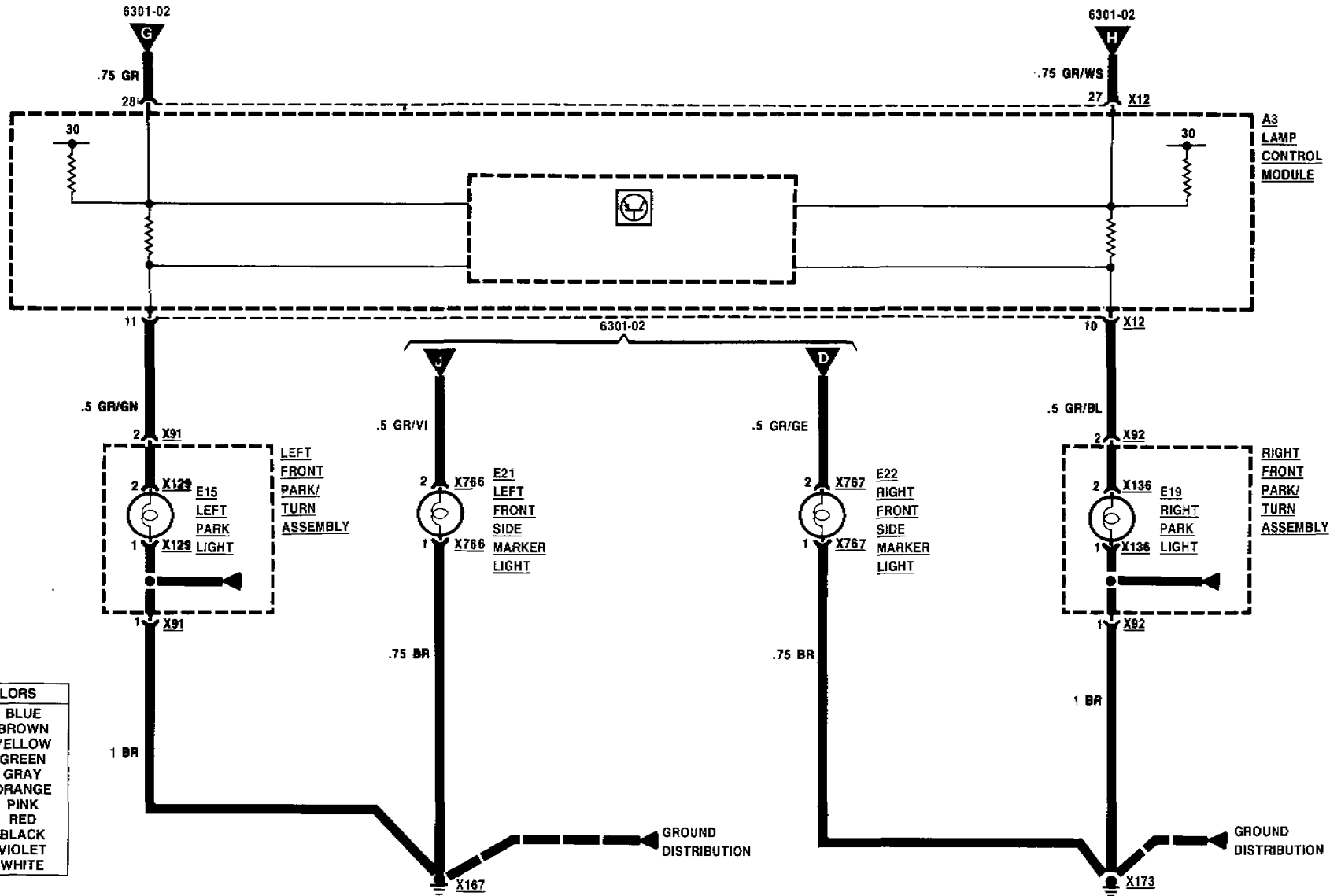


# LAMP MONITOR (LKM)





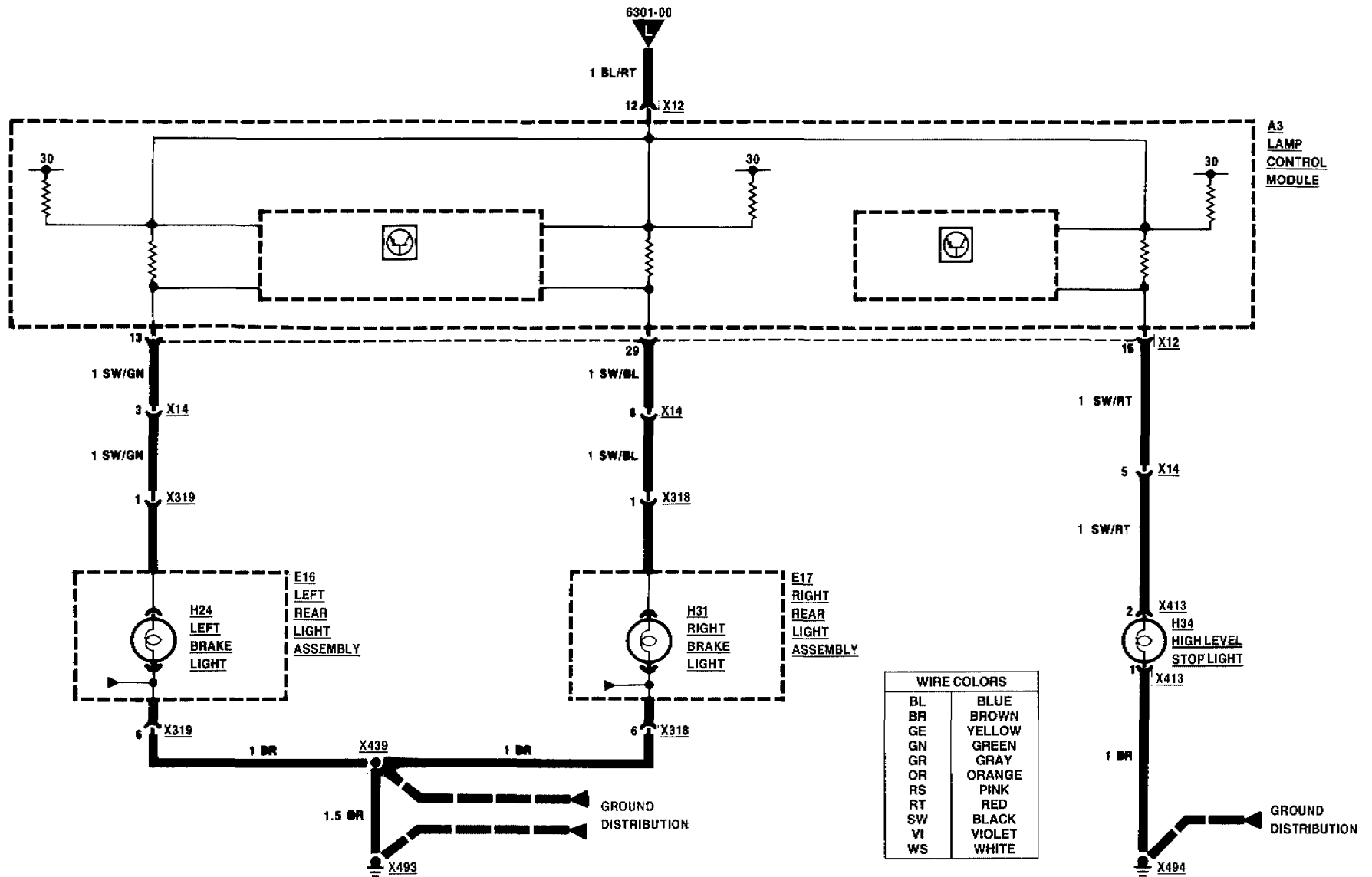
# LAMP MONITOR (LKM)



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

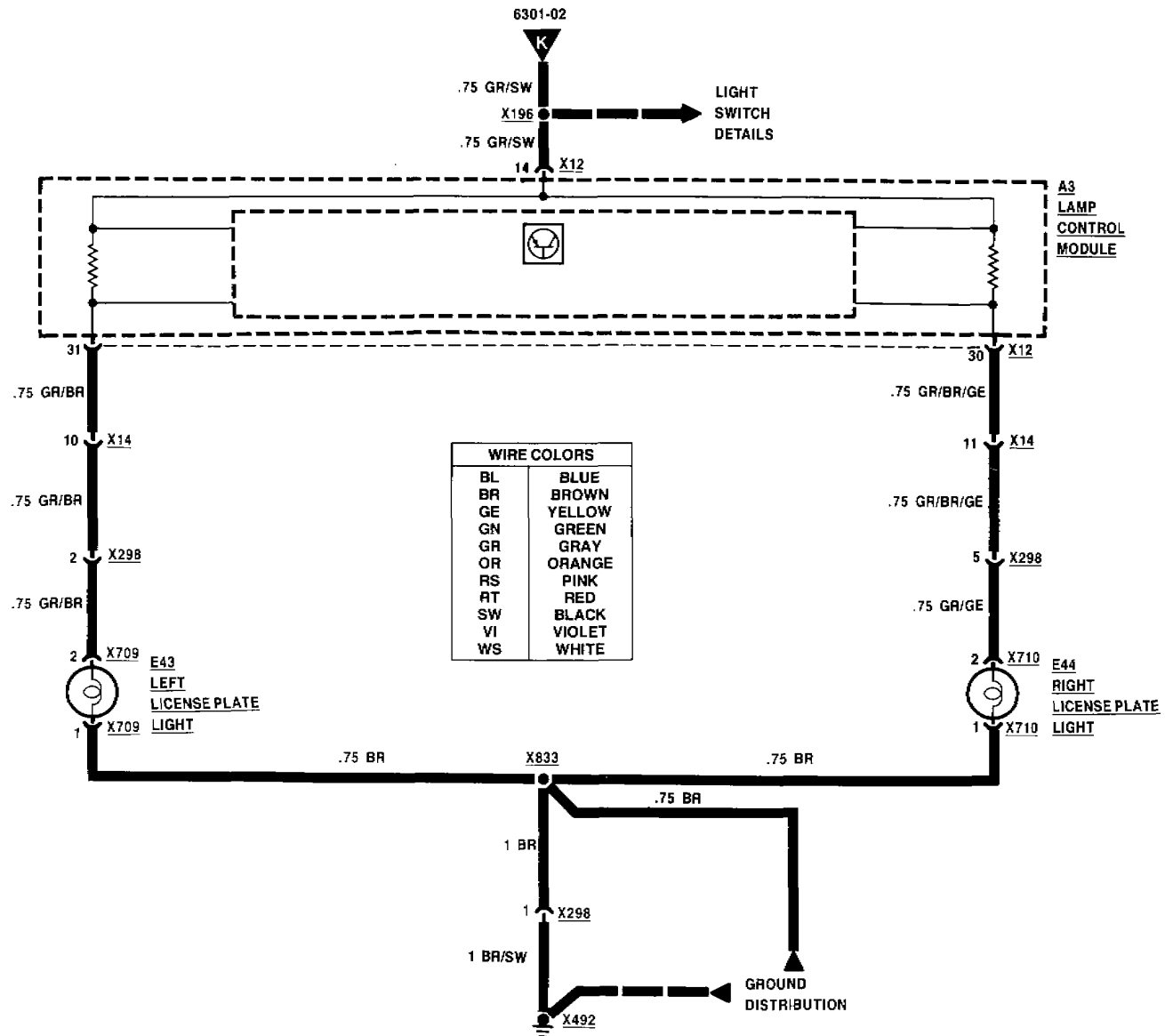


# LAMP MONITOR (LKM)





# LAMP MONITOR (LKM)

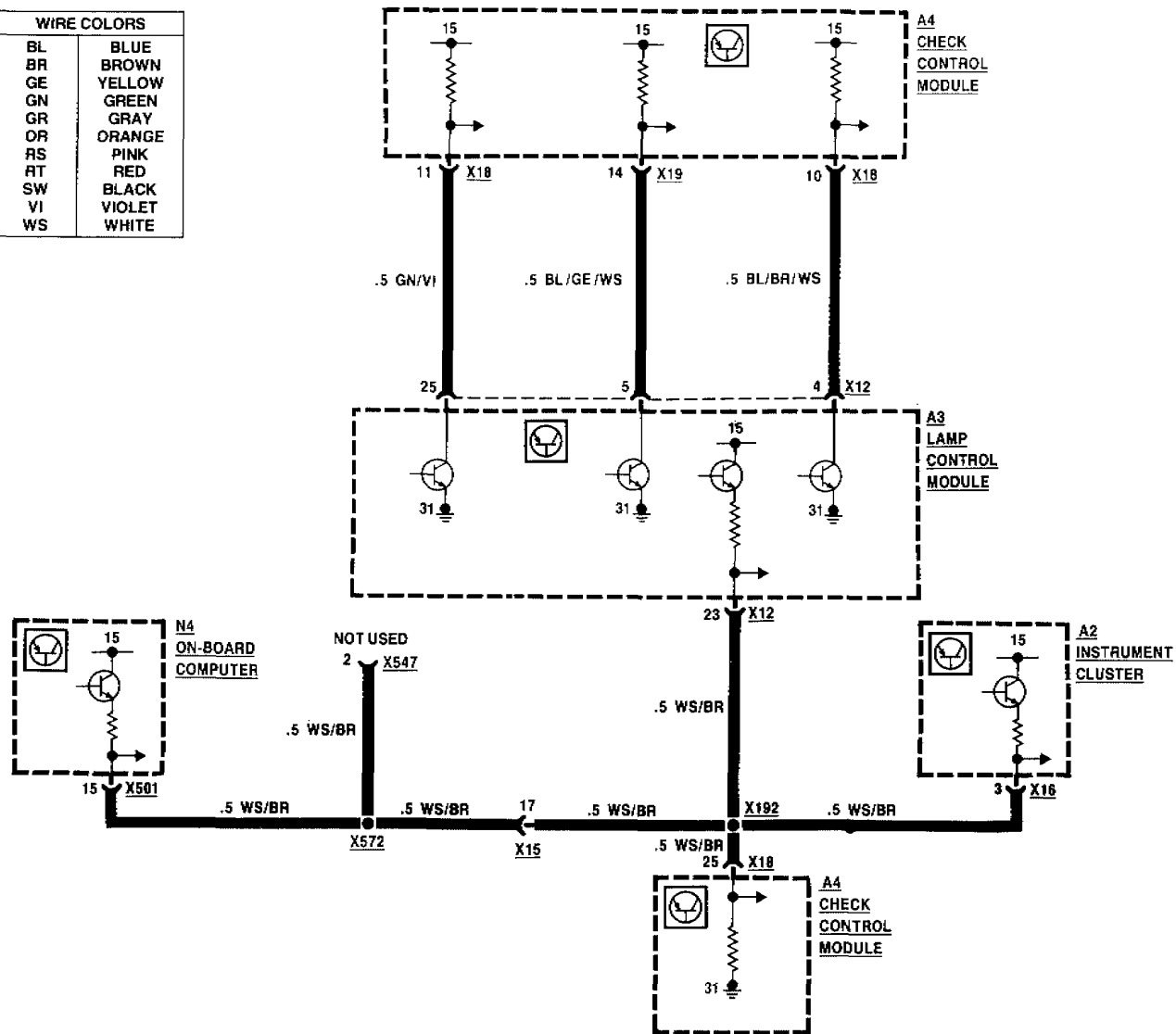






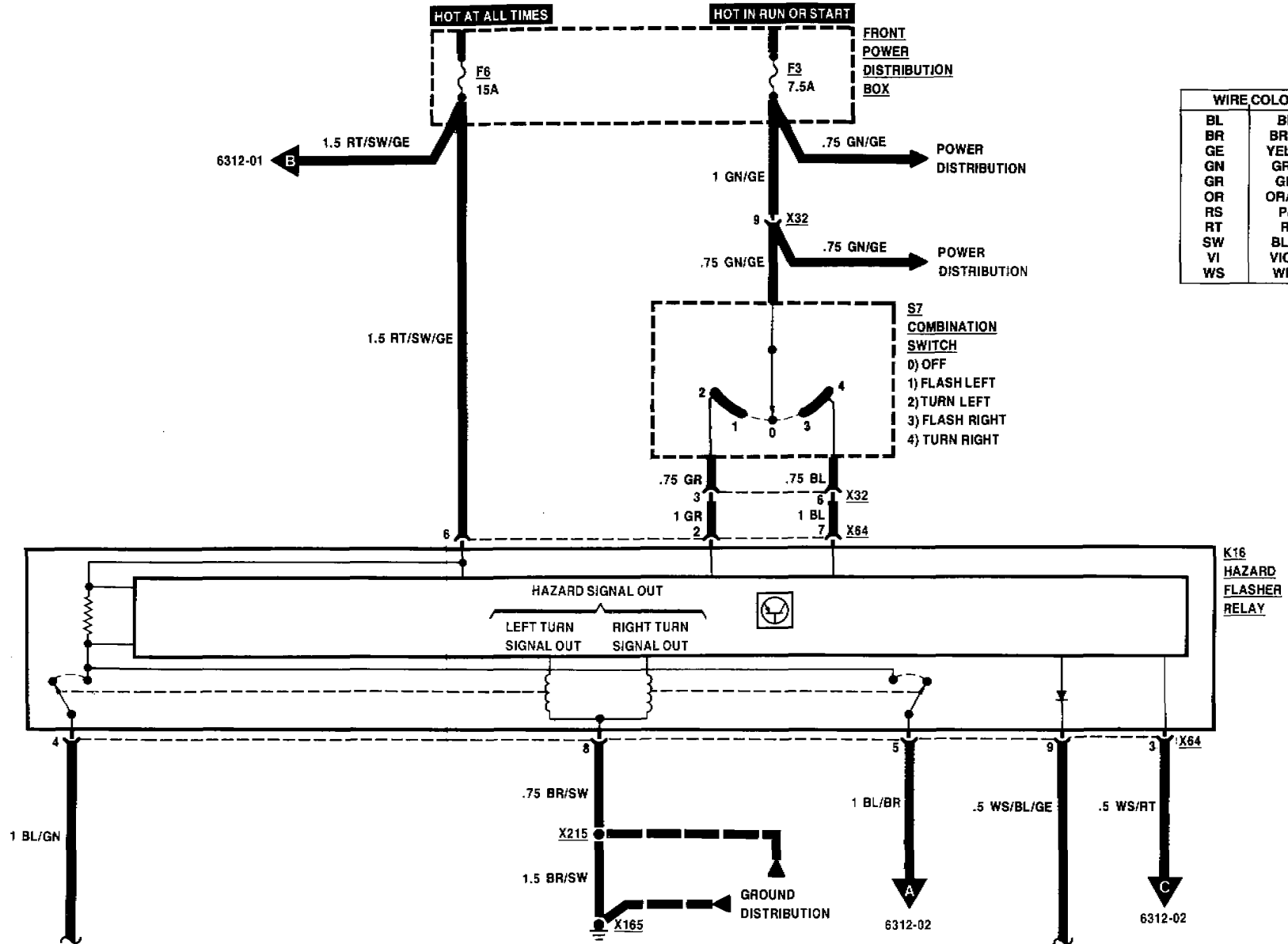
# LAMP MONITOR (LKM) DATA LINK

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

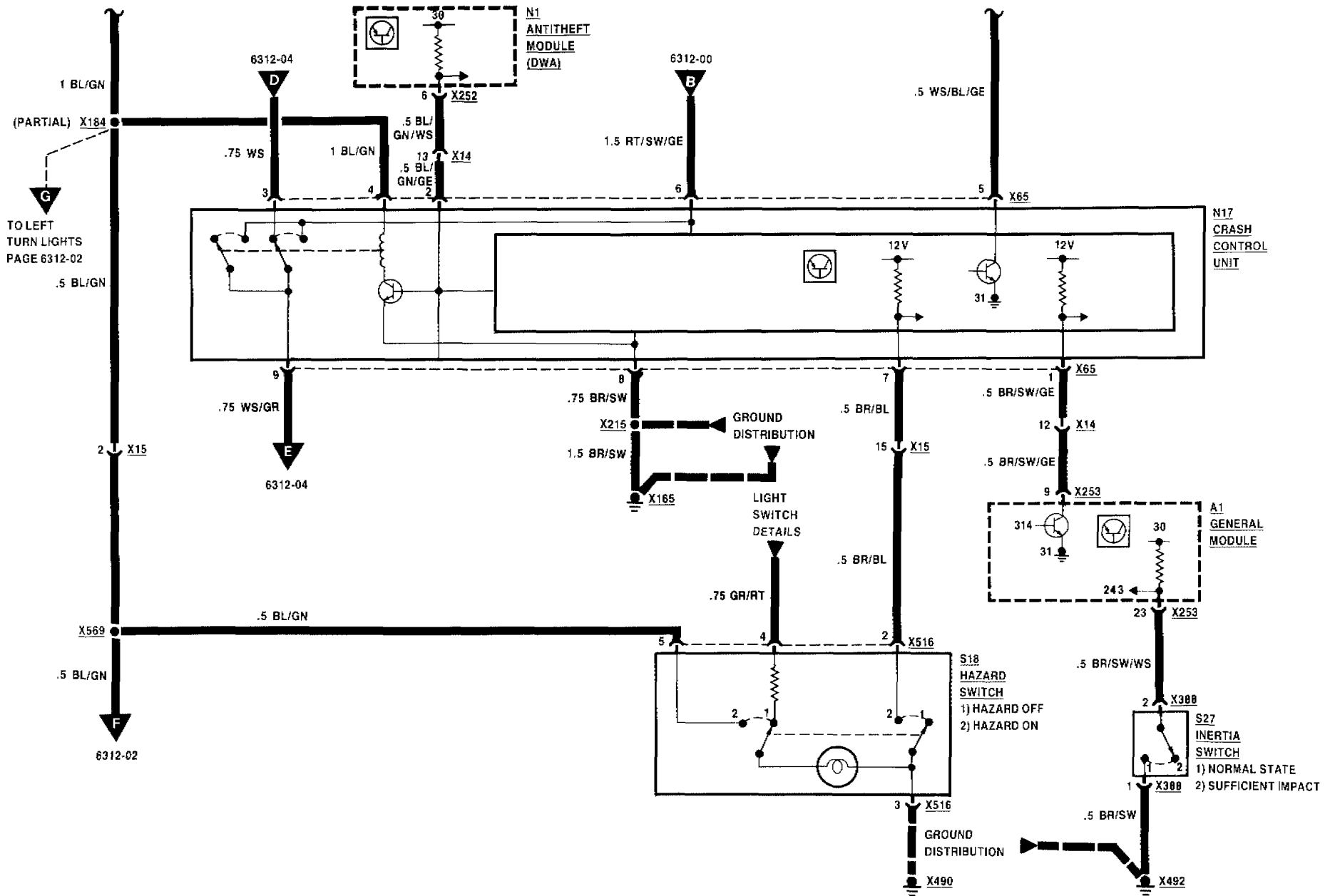




# TURN/HAZARD LIGHTS

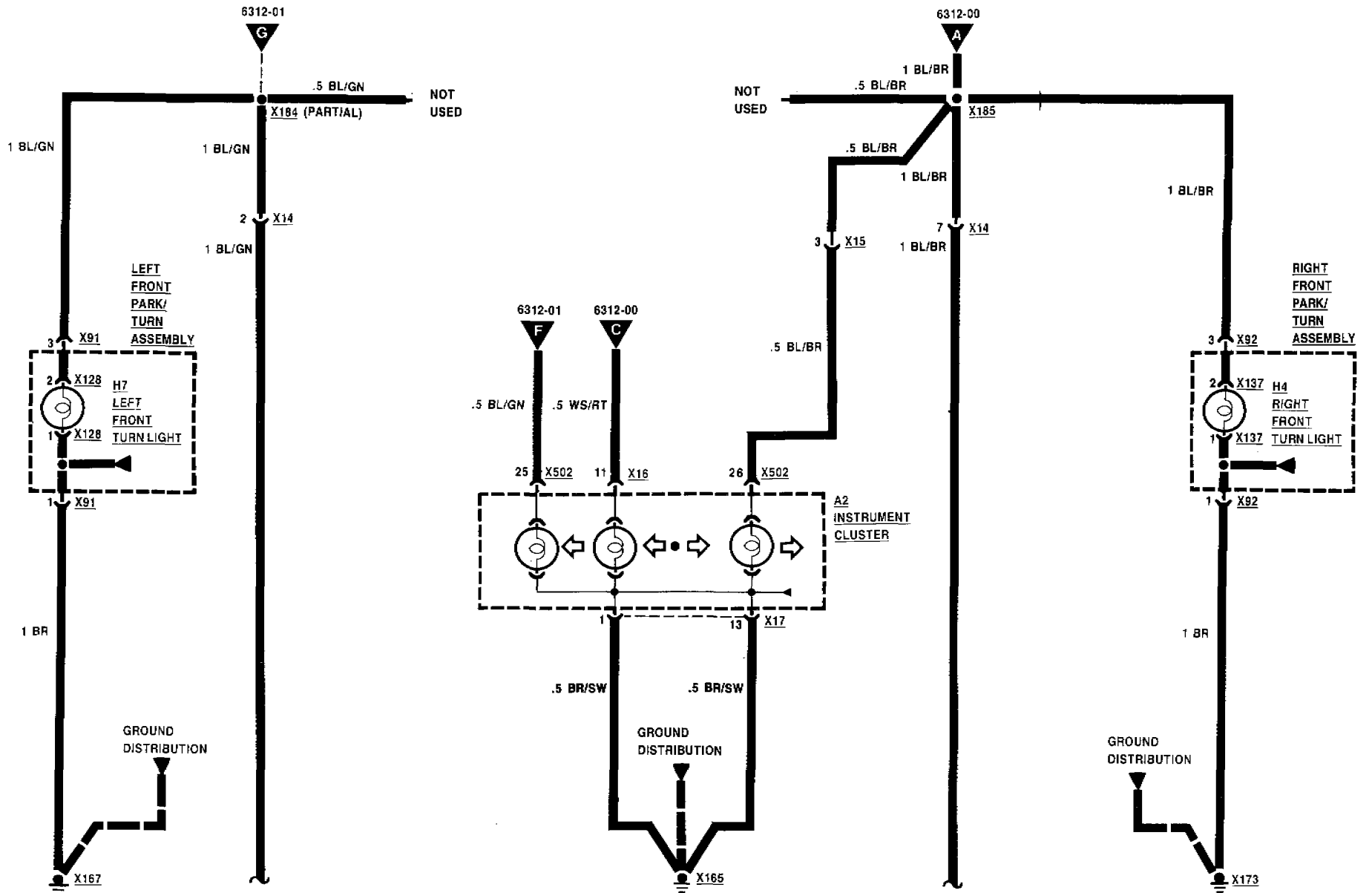


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

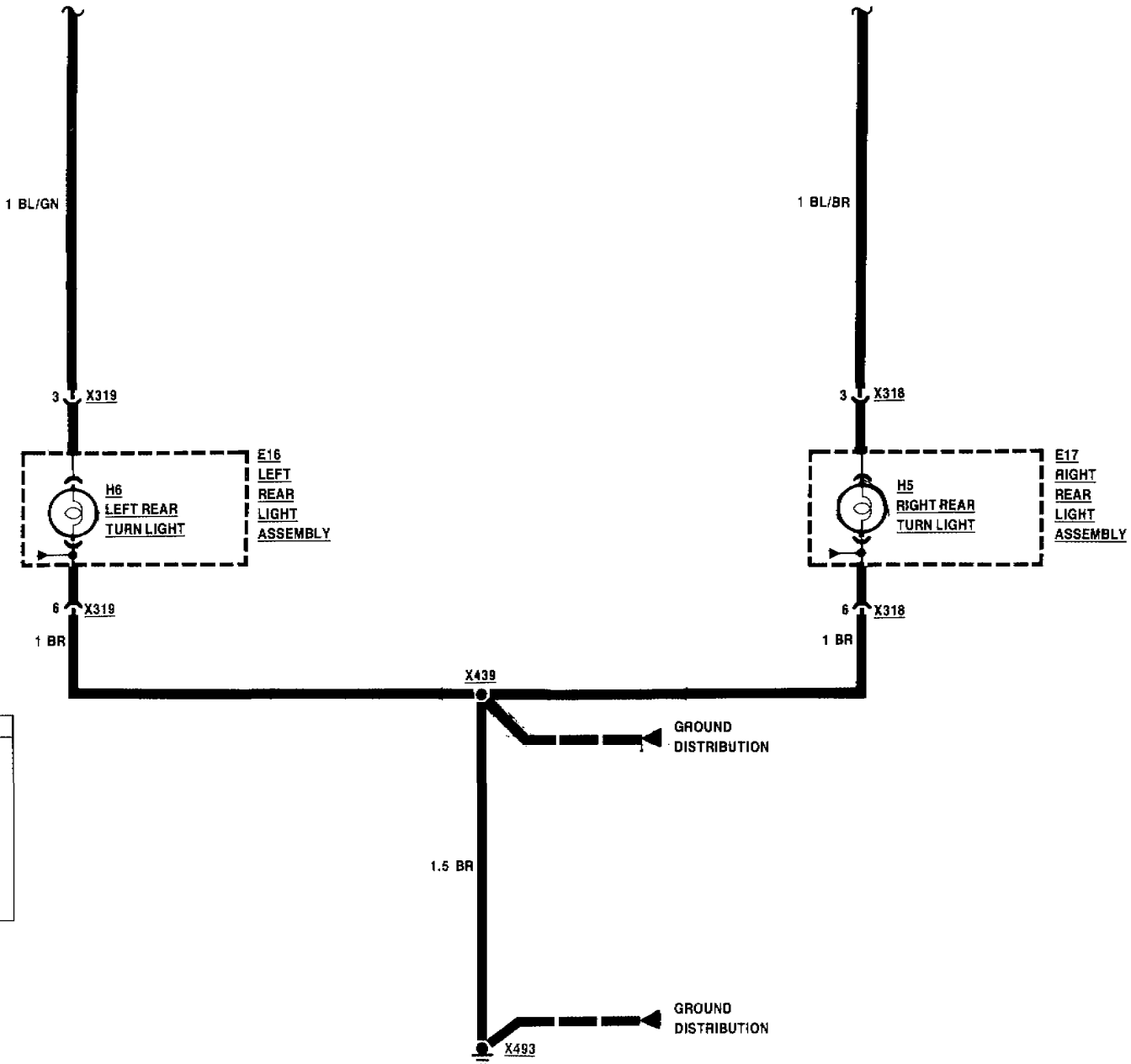




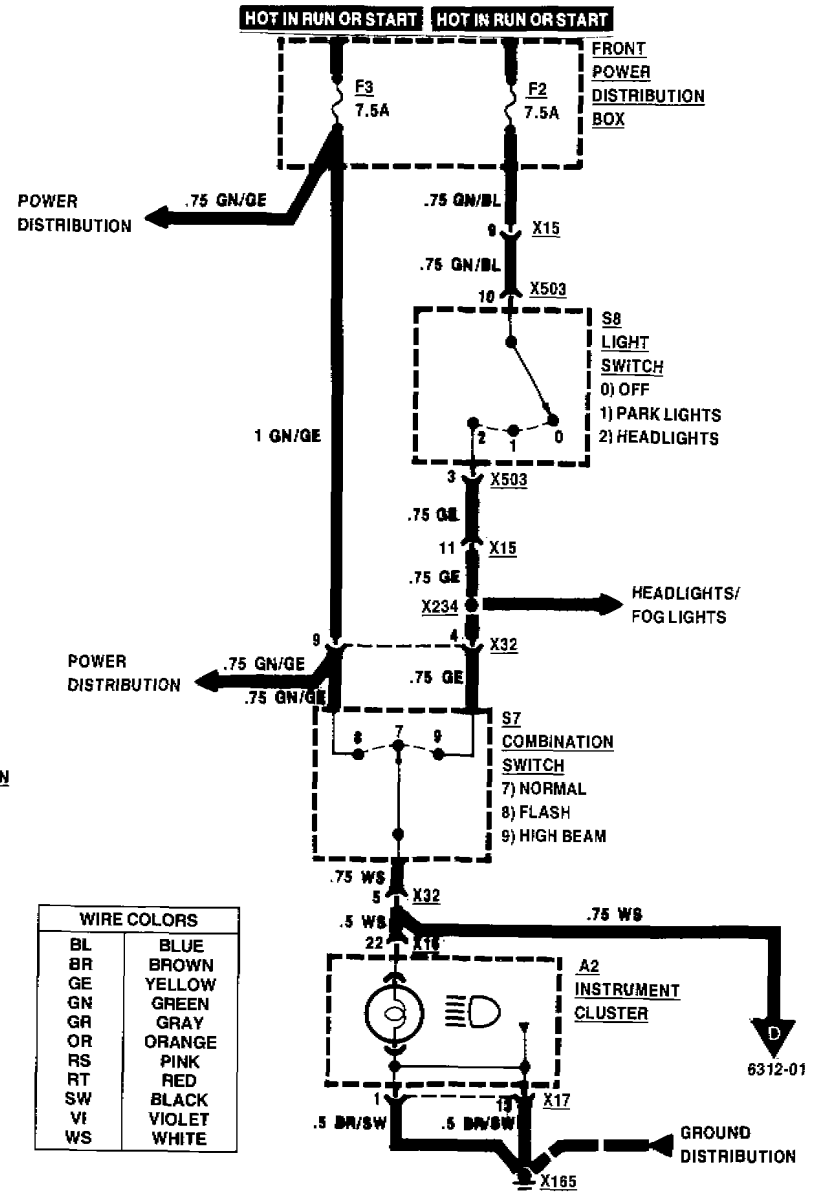
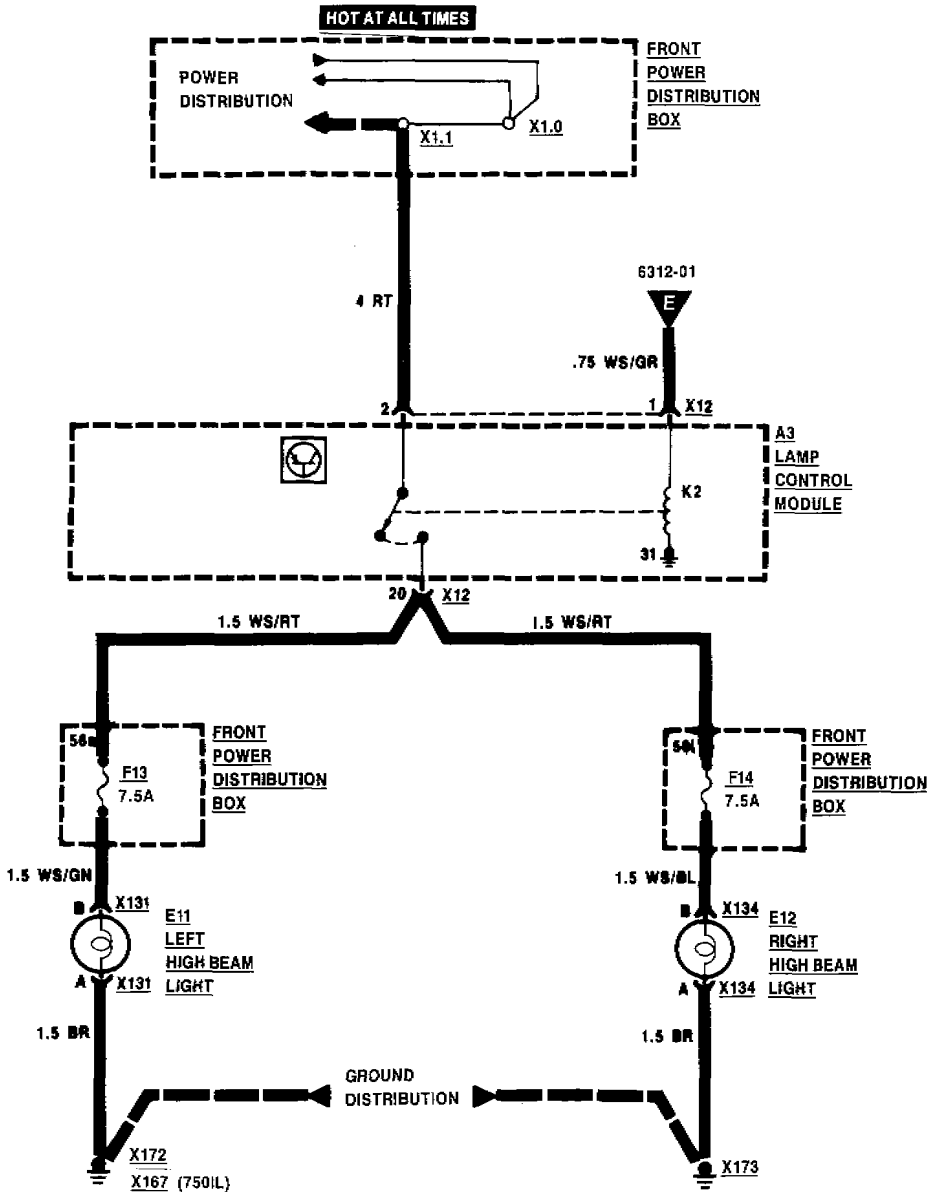
# TURN/HAZARD LIGHTS



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



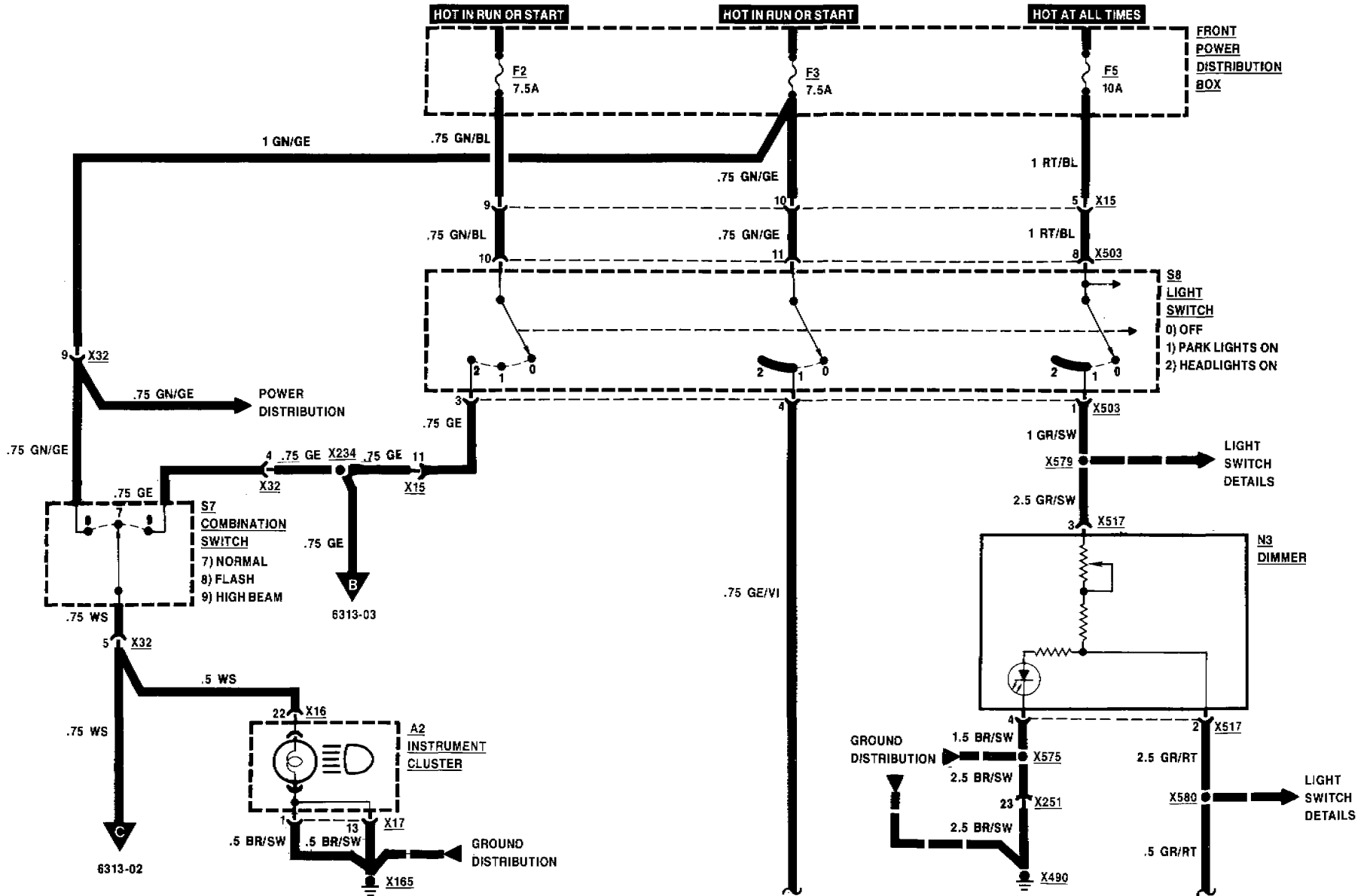
# TURN/HAZARD LIGHTS



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



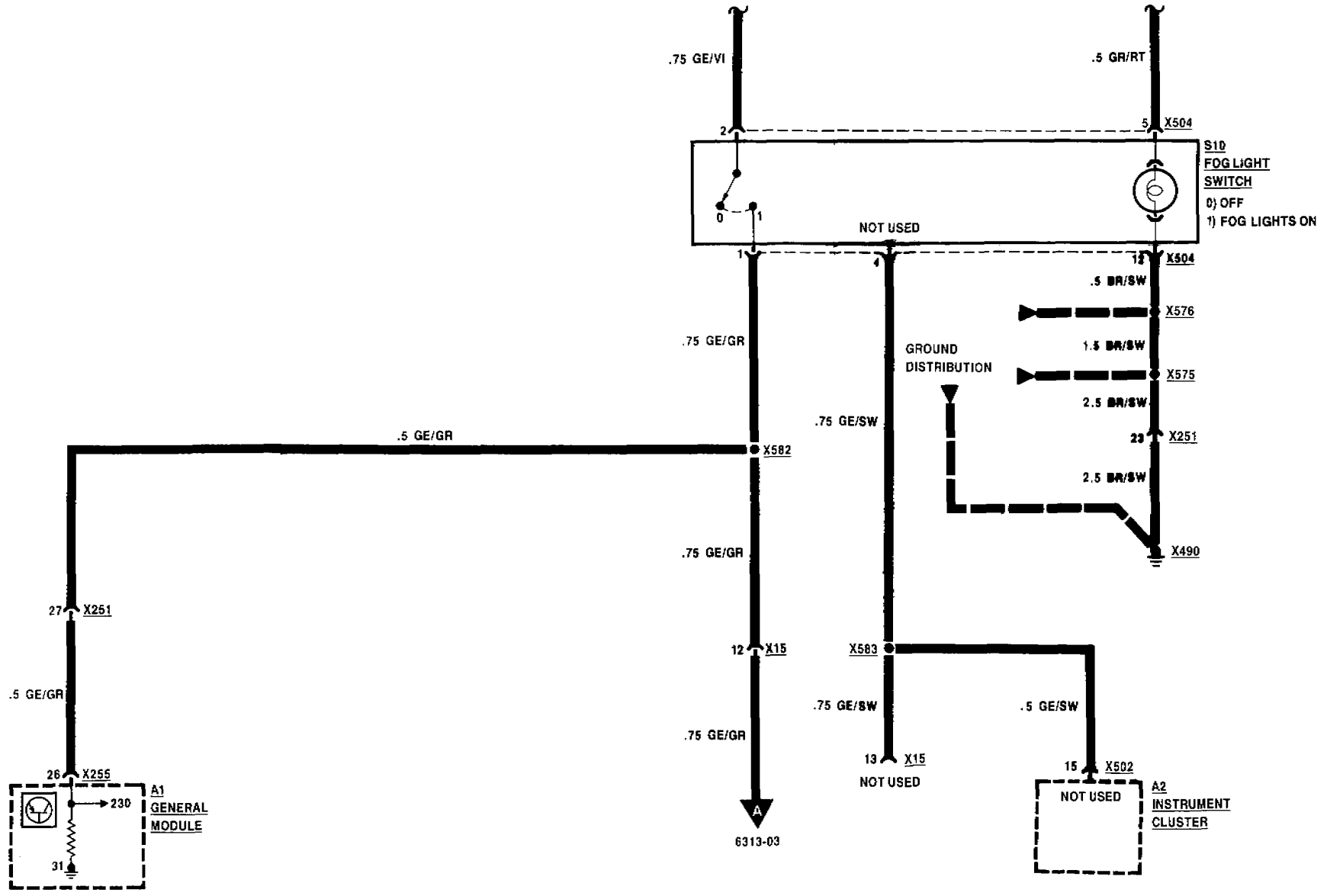
# HEADLIGHTS/FOG LIGHTS



09/89

6313-00

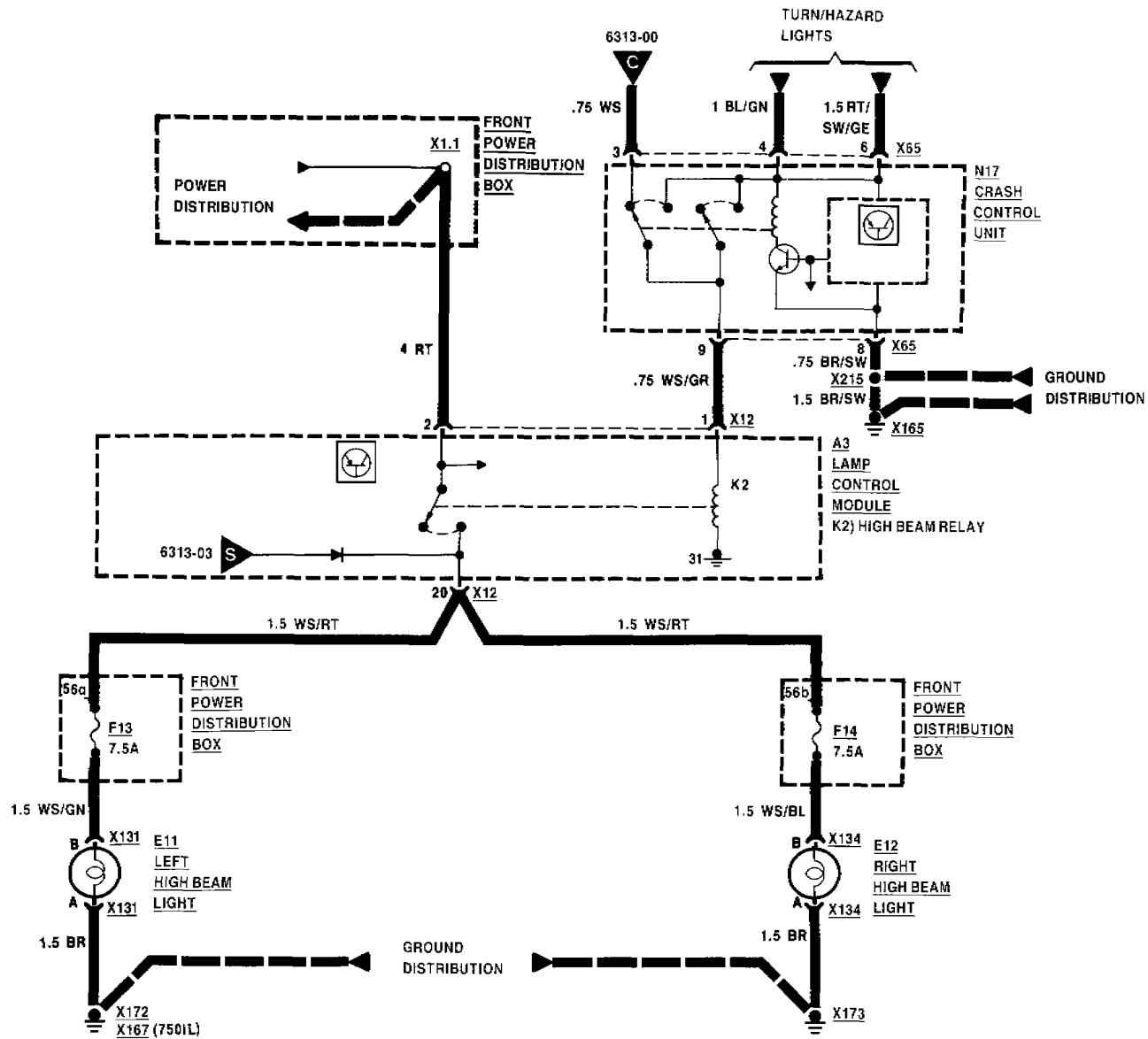
1990







# HEADLIGHTS/FOG LIGHTS

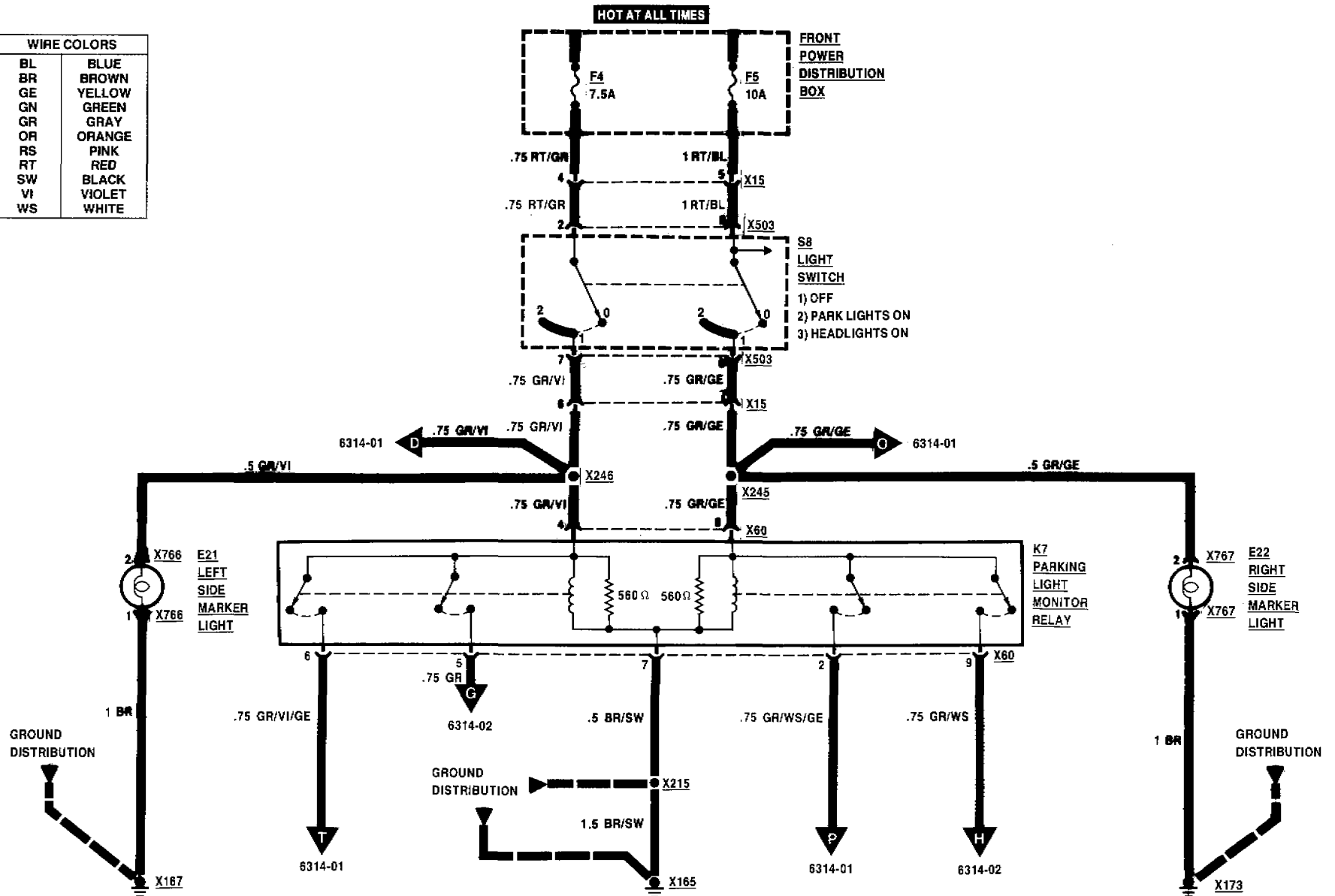






# PARK/TAIL/MARKER/UNDERHOOD LIGHTS

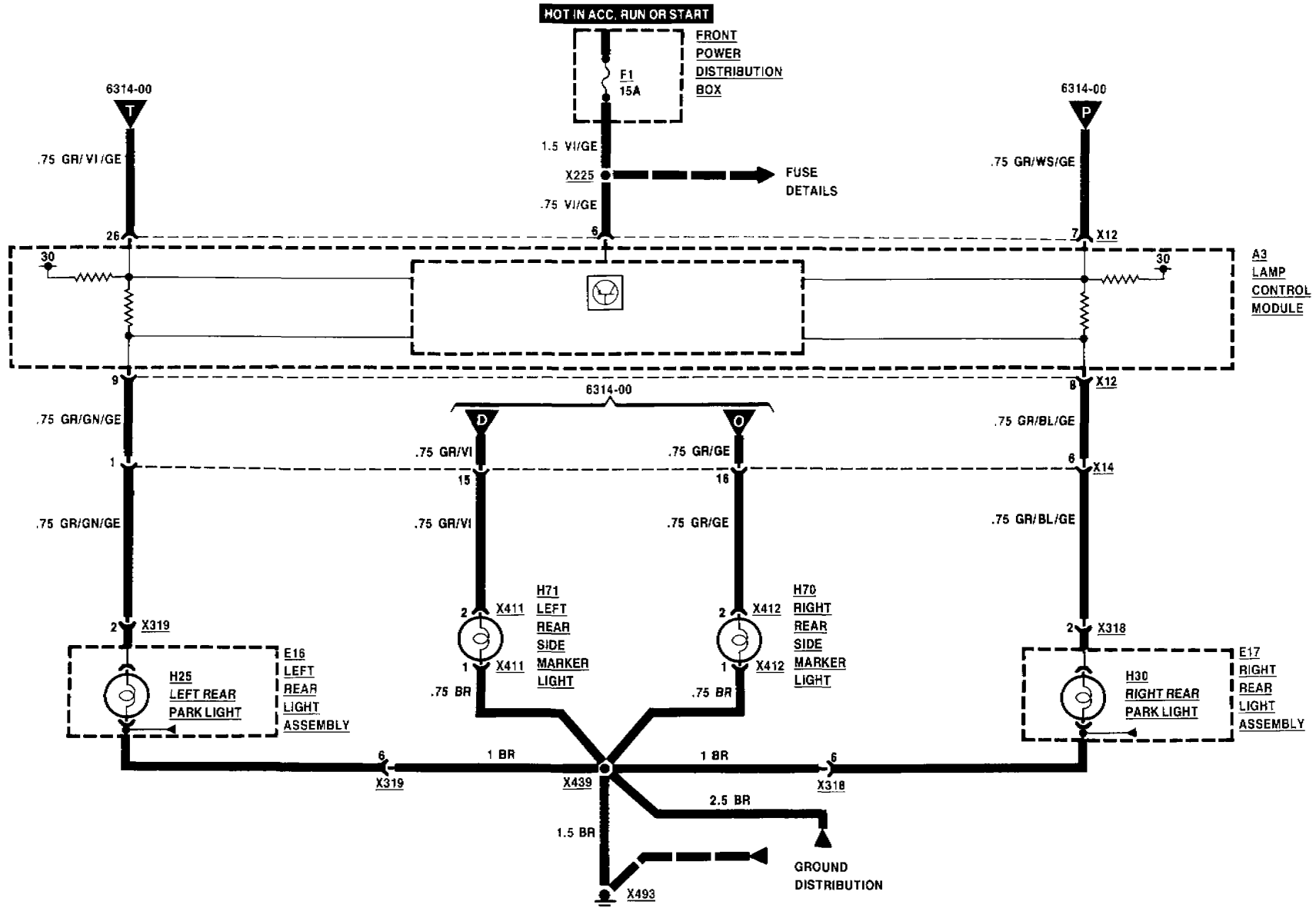
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# PARK/TAIL/MARKER/UNDERHOOD LIGHTS

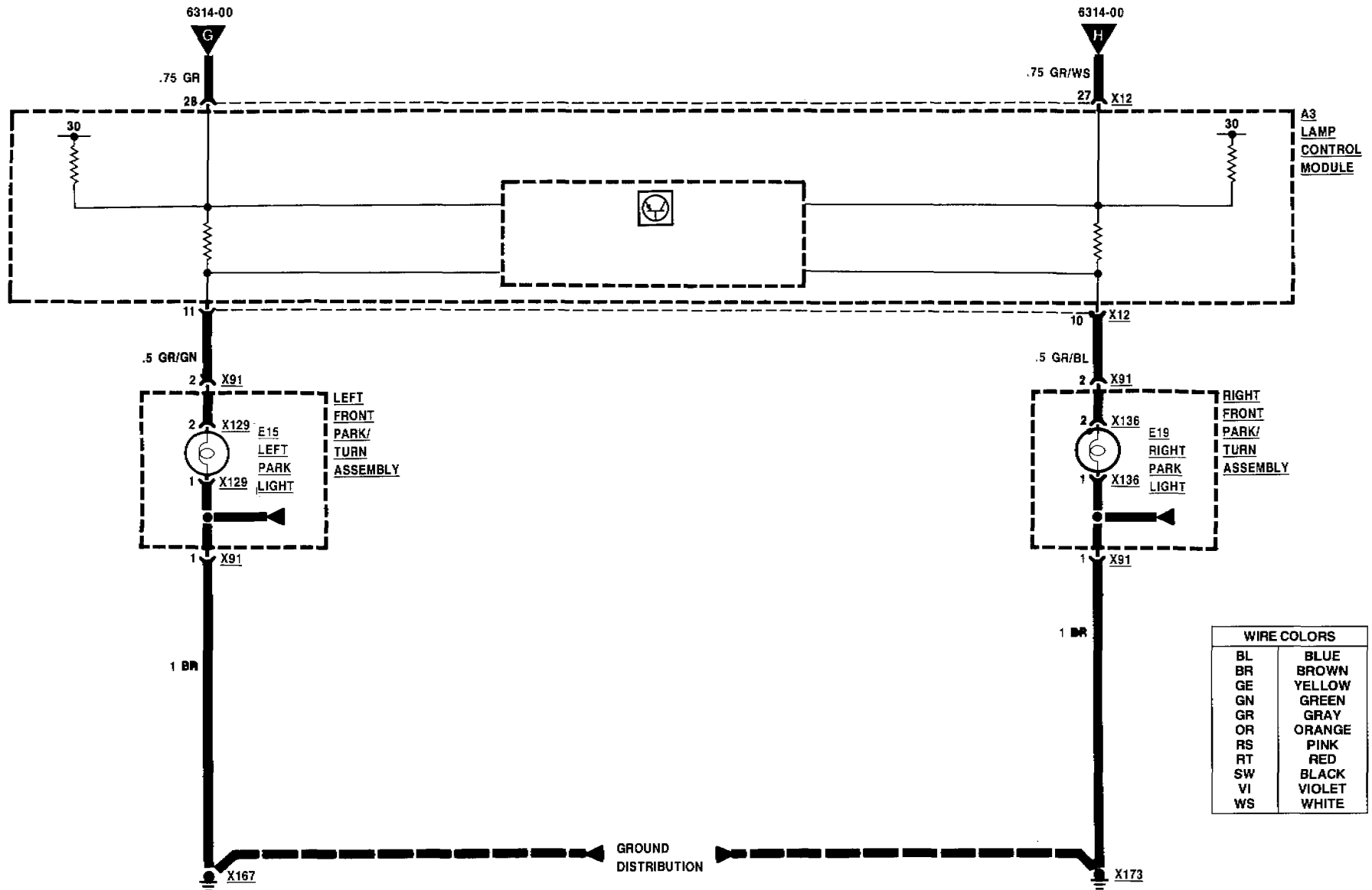
## REAR PARK LIGHTS





# PARK/TAIL/MARKER/UNDERHOOD LIGHTS

## PARK/FRONT MARKER LIGHTS

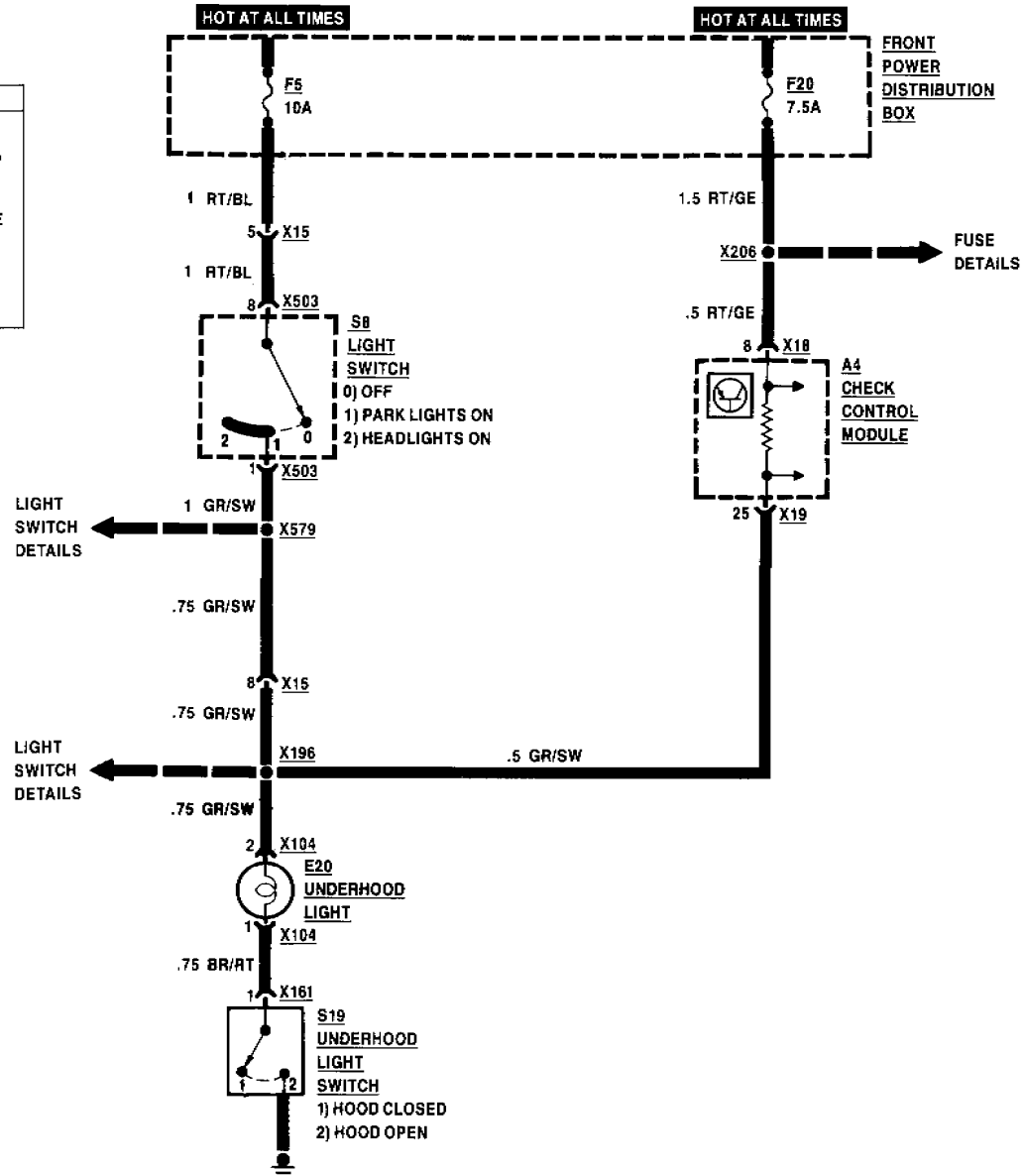




# PARK/TAIL/MARKER/UNDERHOOD LIGHTS

## UNDERHOOD LIGHT

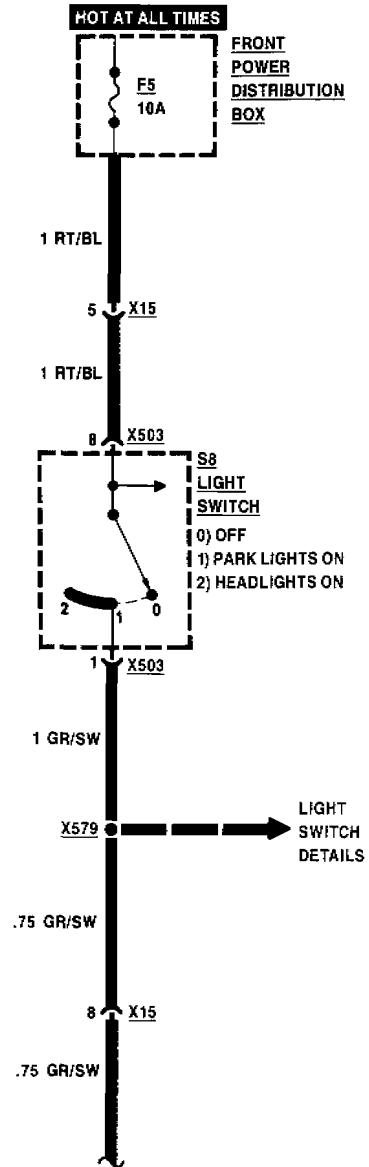
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



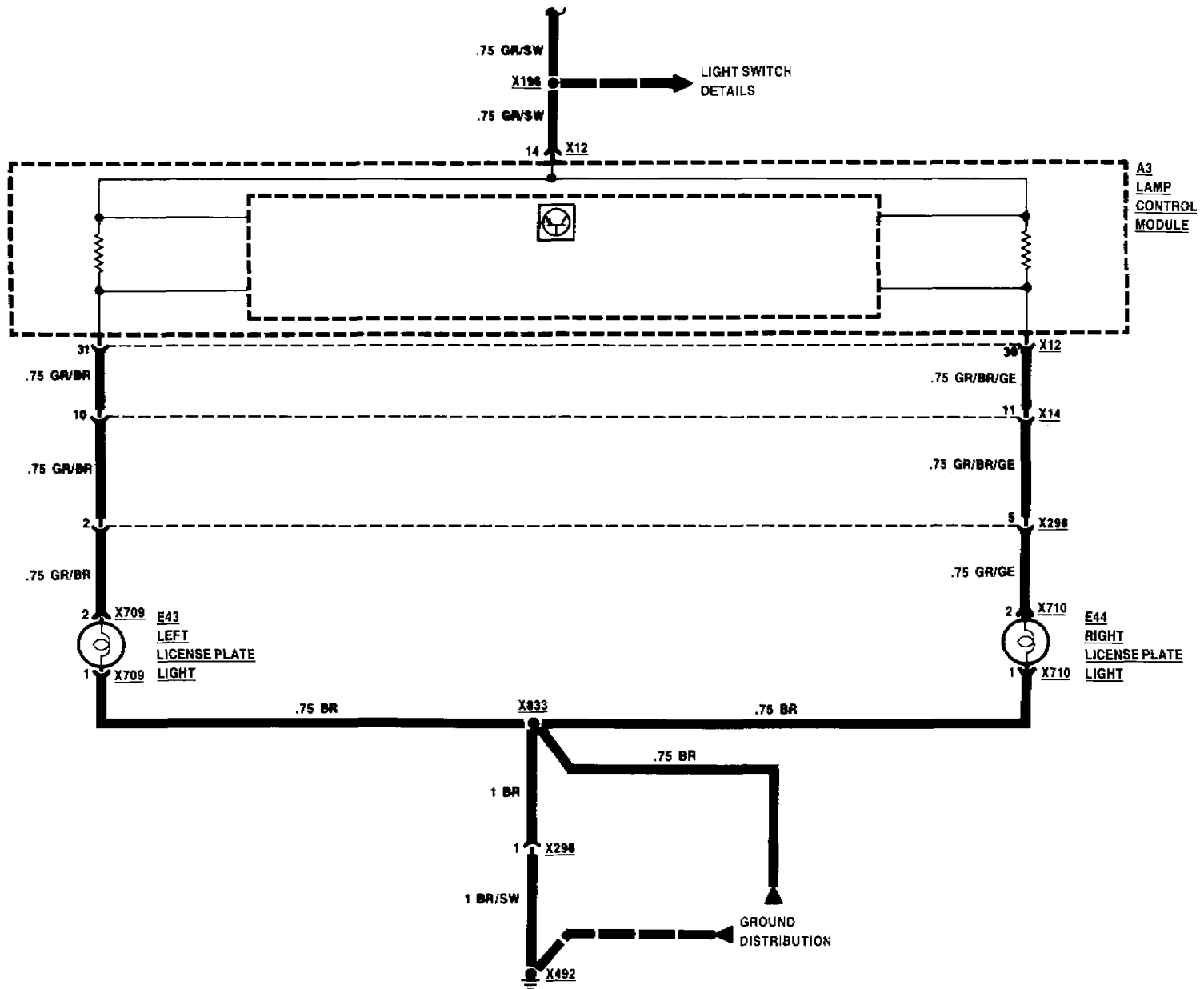


# LICENSE/TRUNK LIGHTS

## LICENSE LIGHTS



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

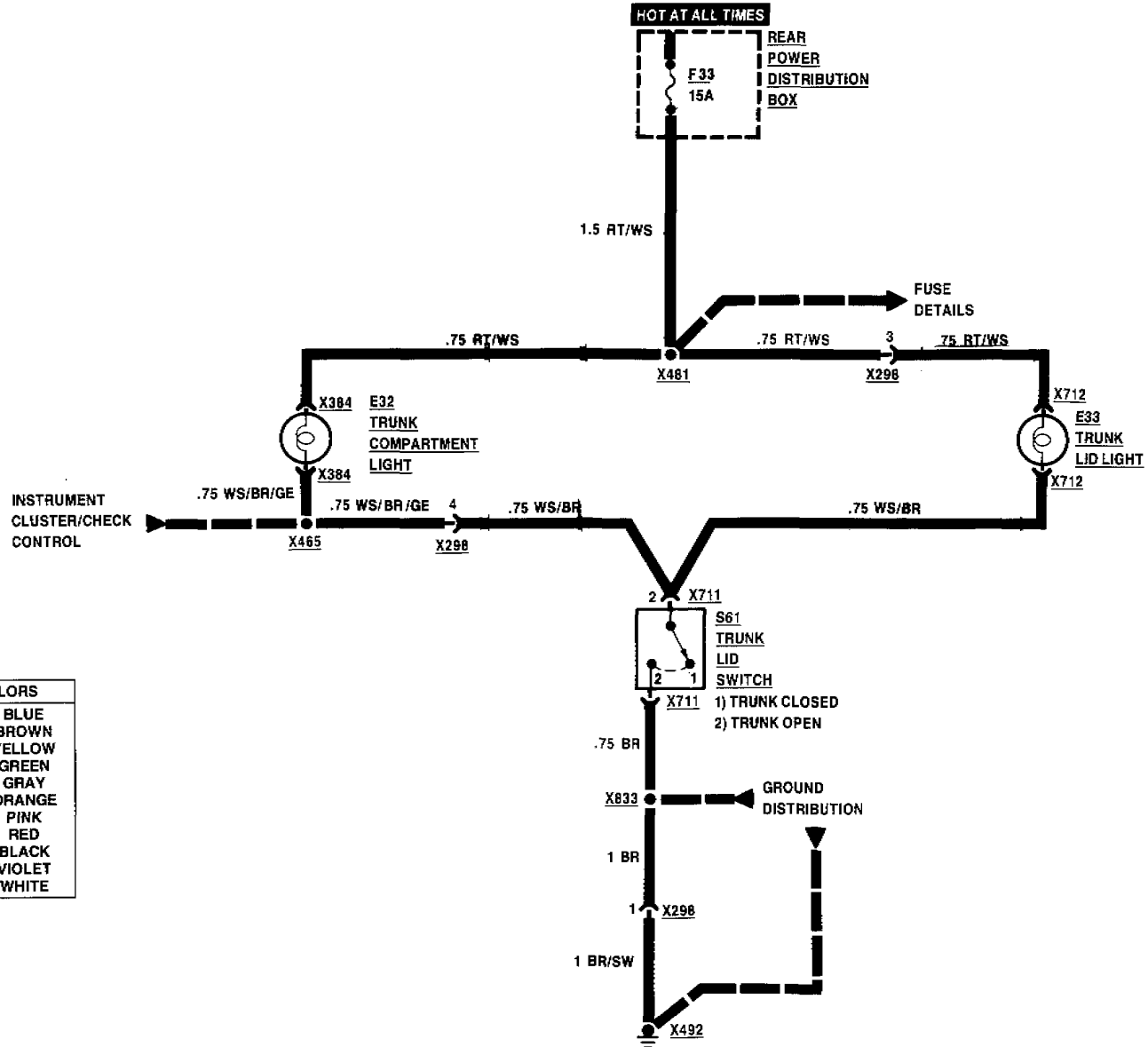






# LICENSE/TRUNK LIGHTS

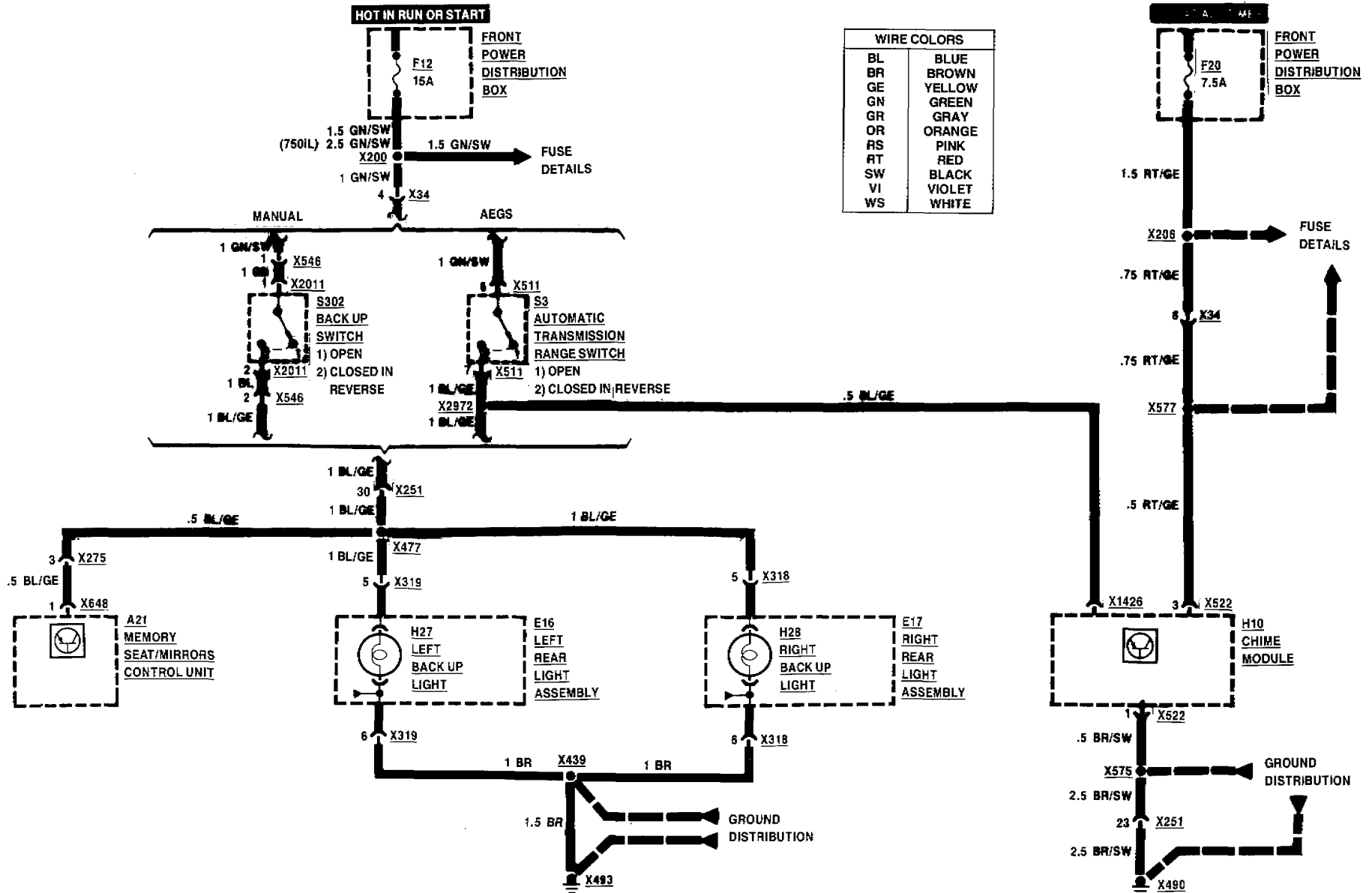
## TRUNK LIGHTS



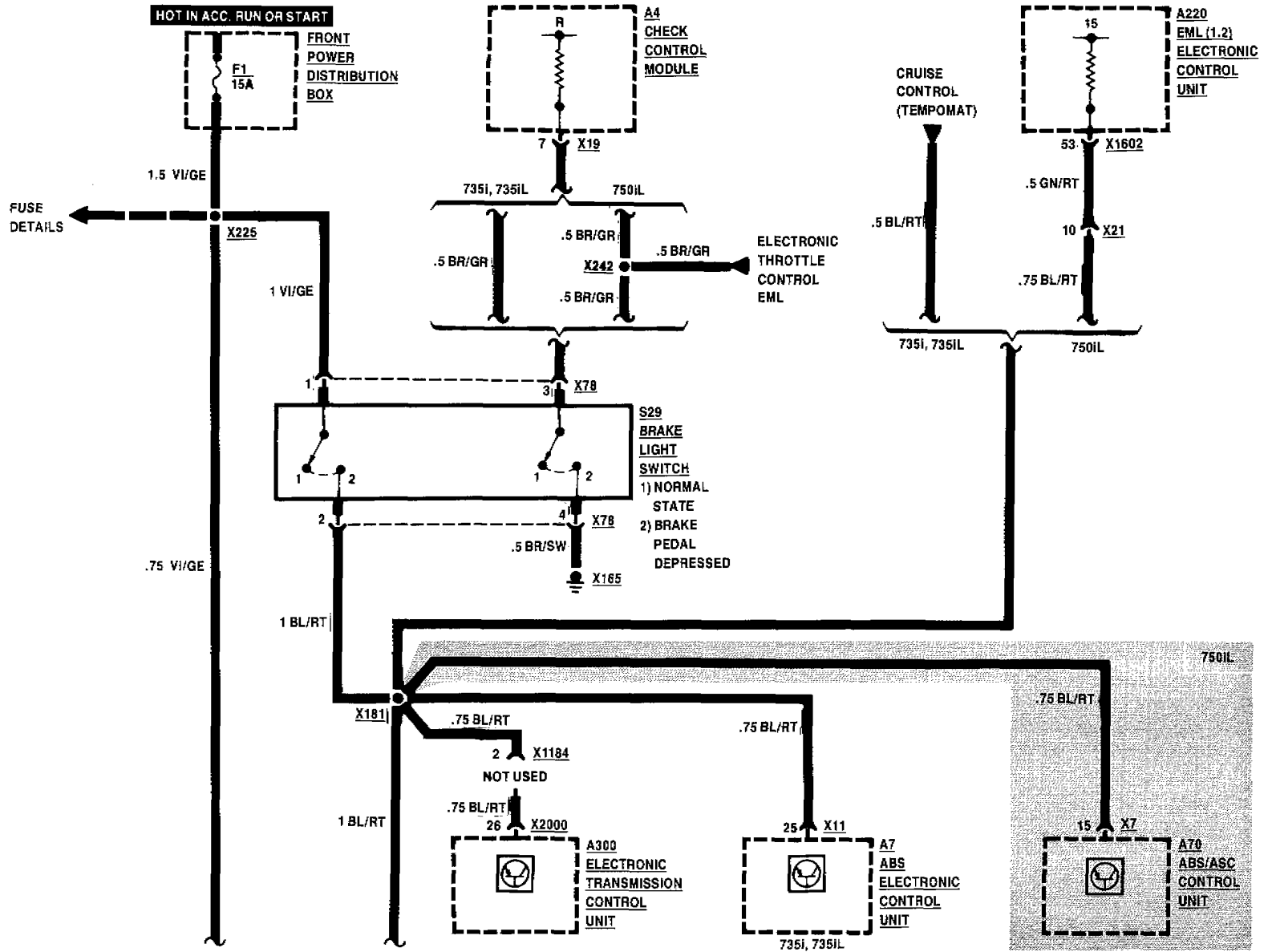
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



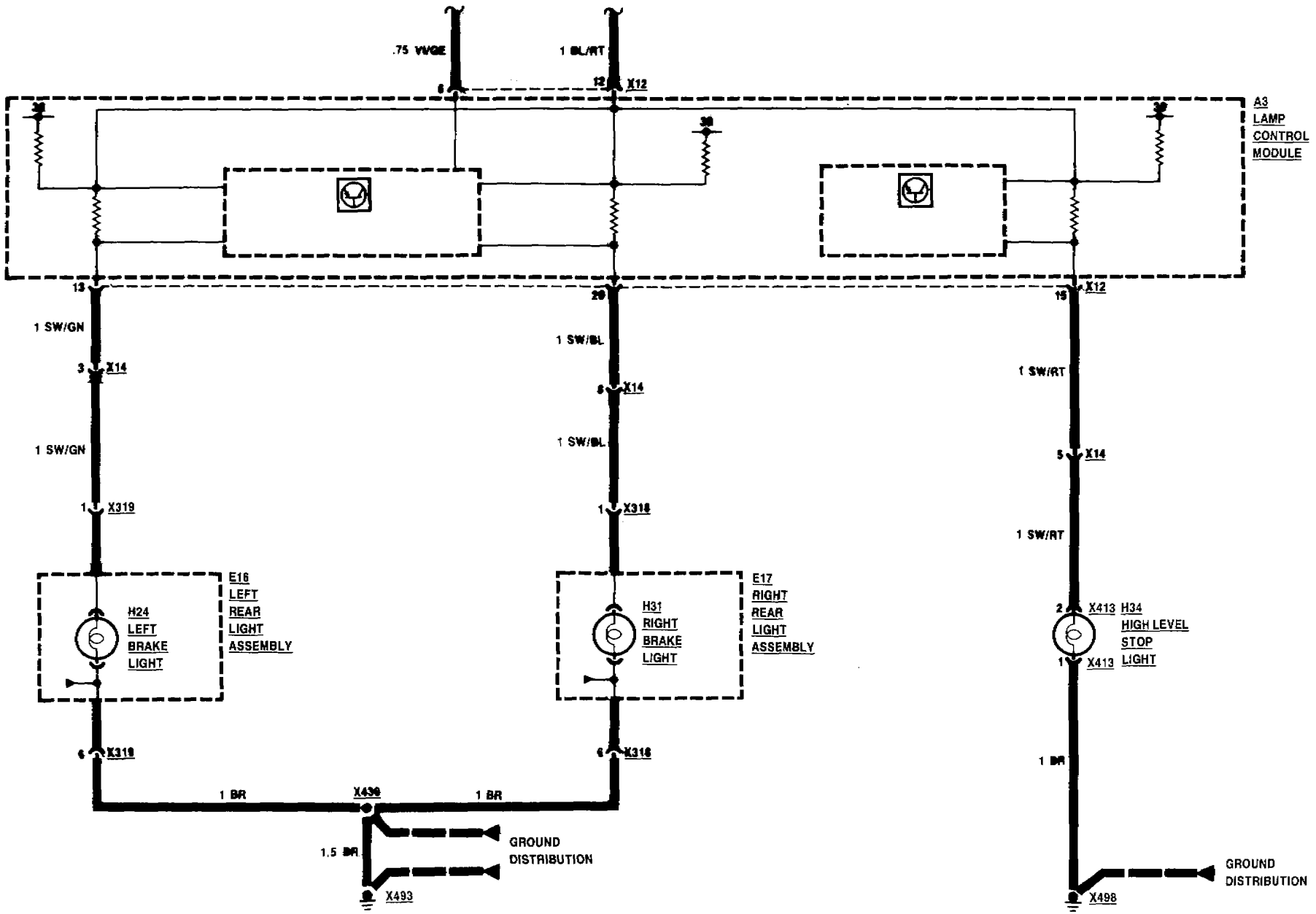
# BACK UP LIGHTS



# BRAKE LIGHTS



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

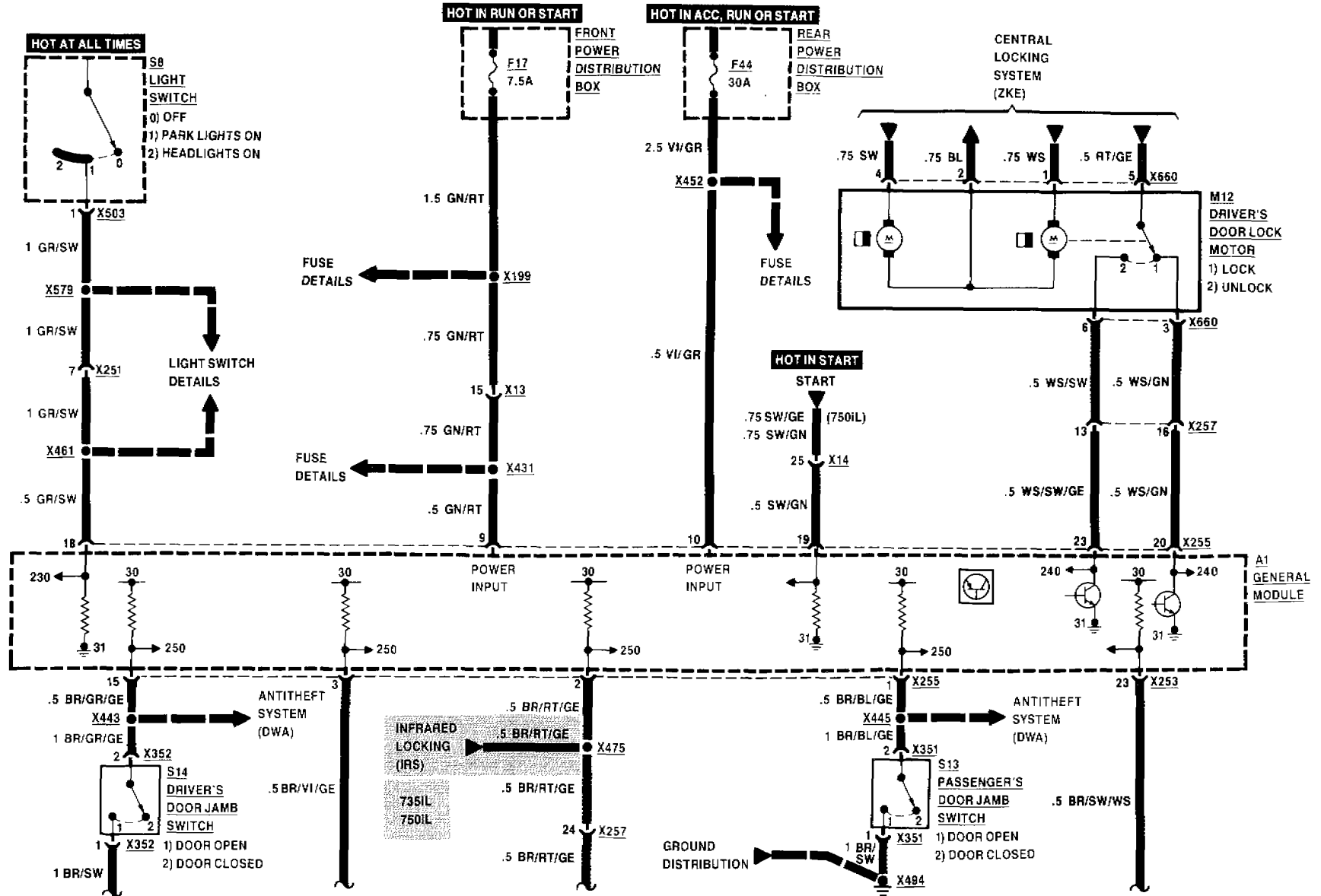


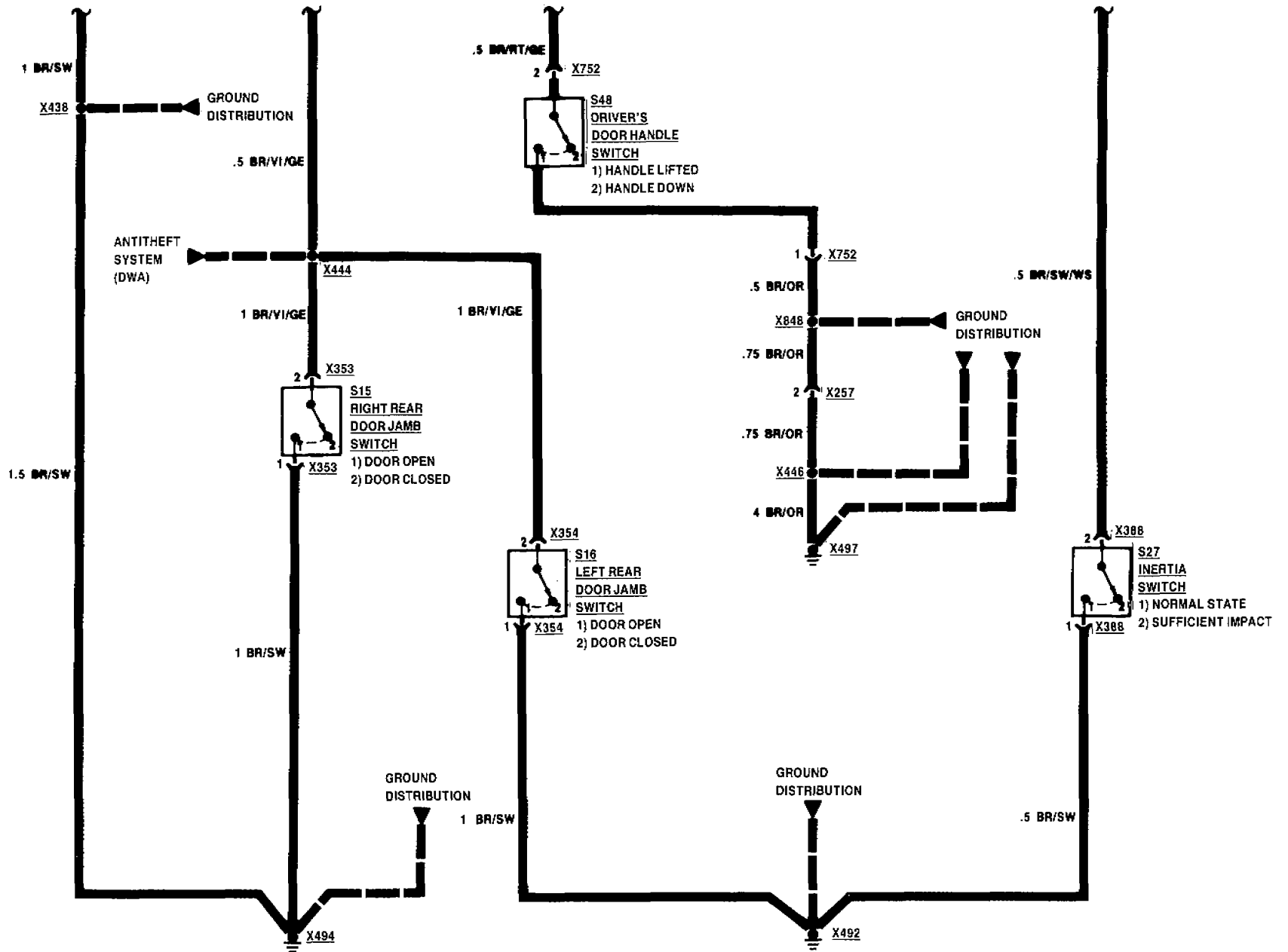
09/89  
6325-01  
1990



# INTERIOR LIGHTS (ZKE)

## INPUT DETAILS



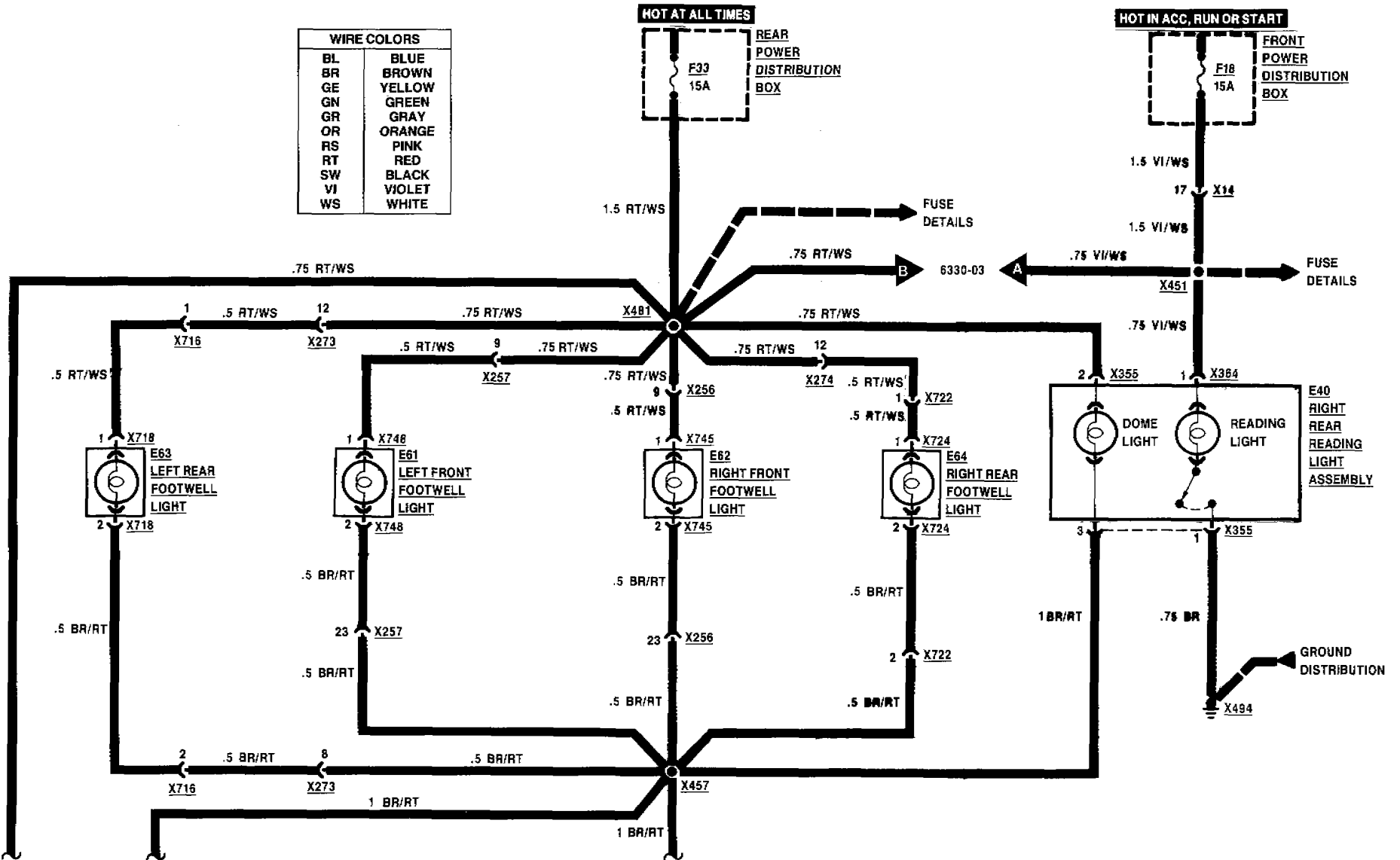


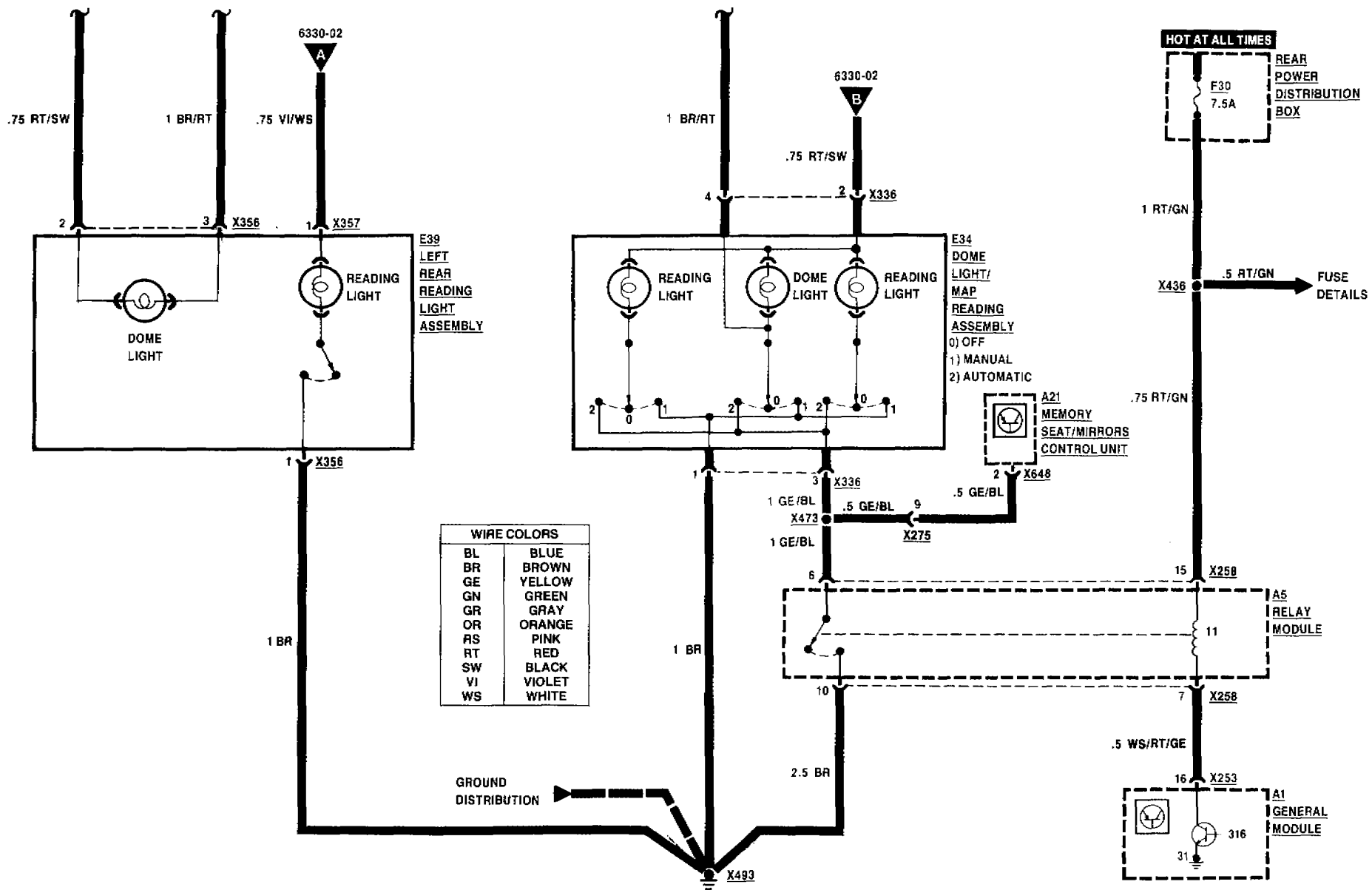


# INTERIOR LIGHTS (ZKE)

## OUTPUT DETAILS

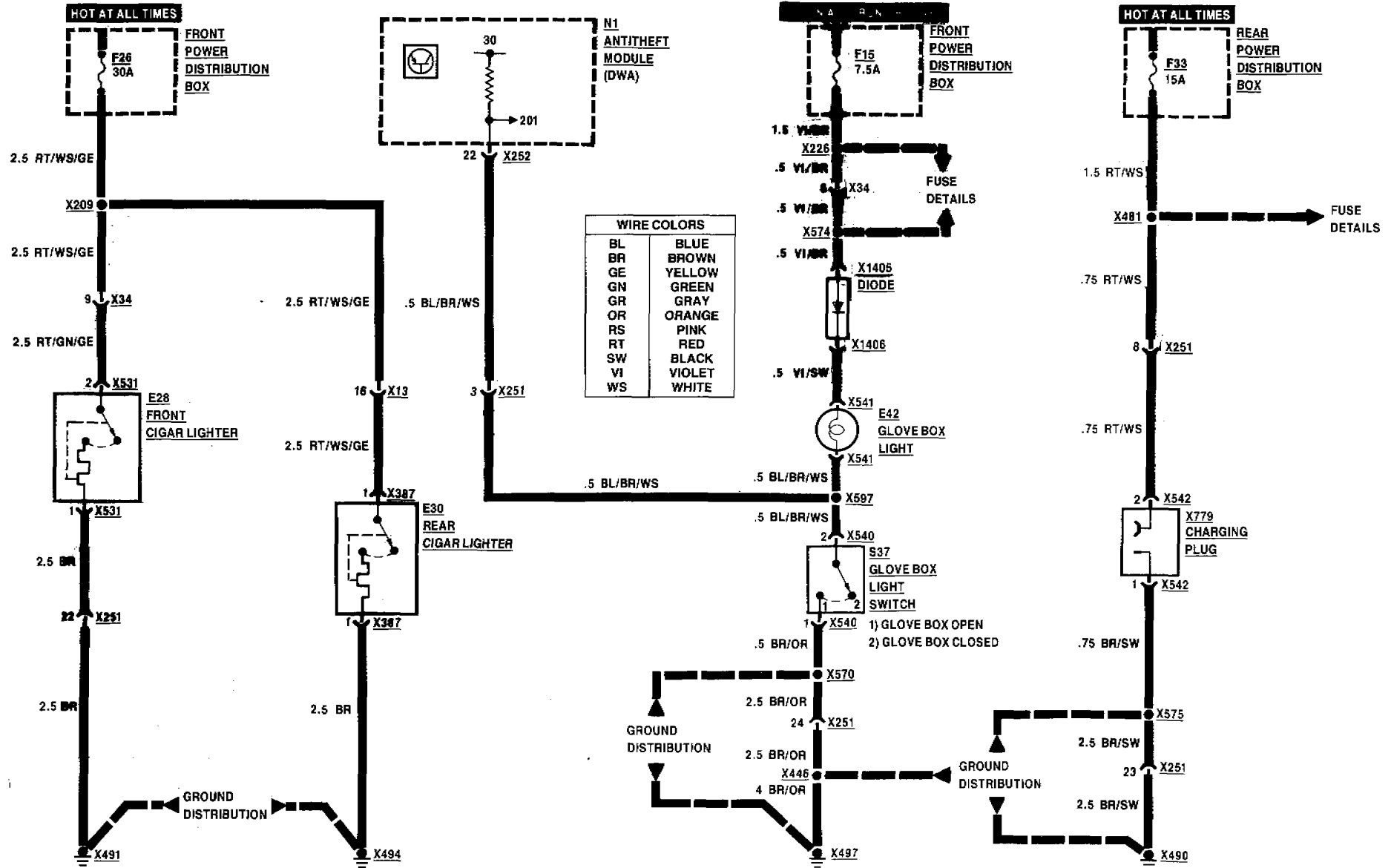
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE







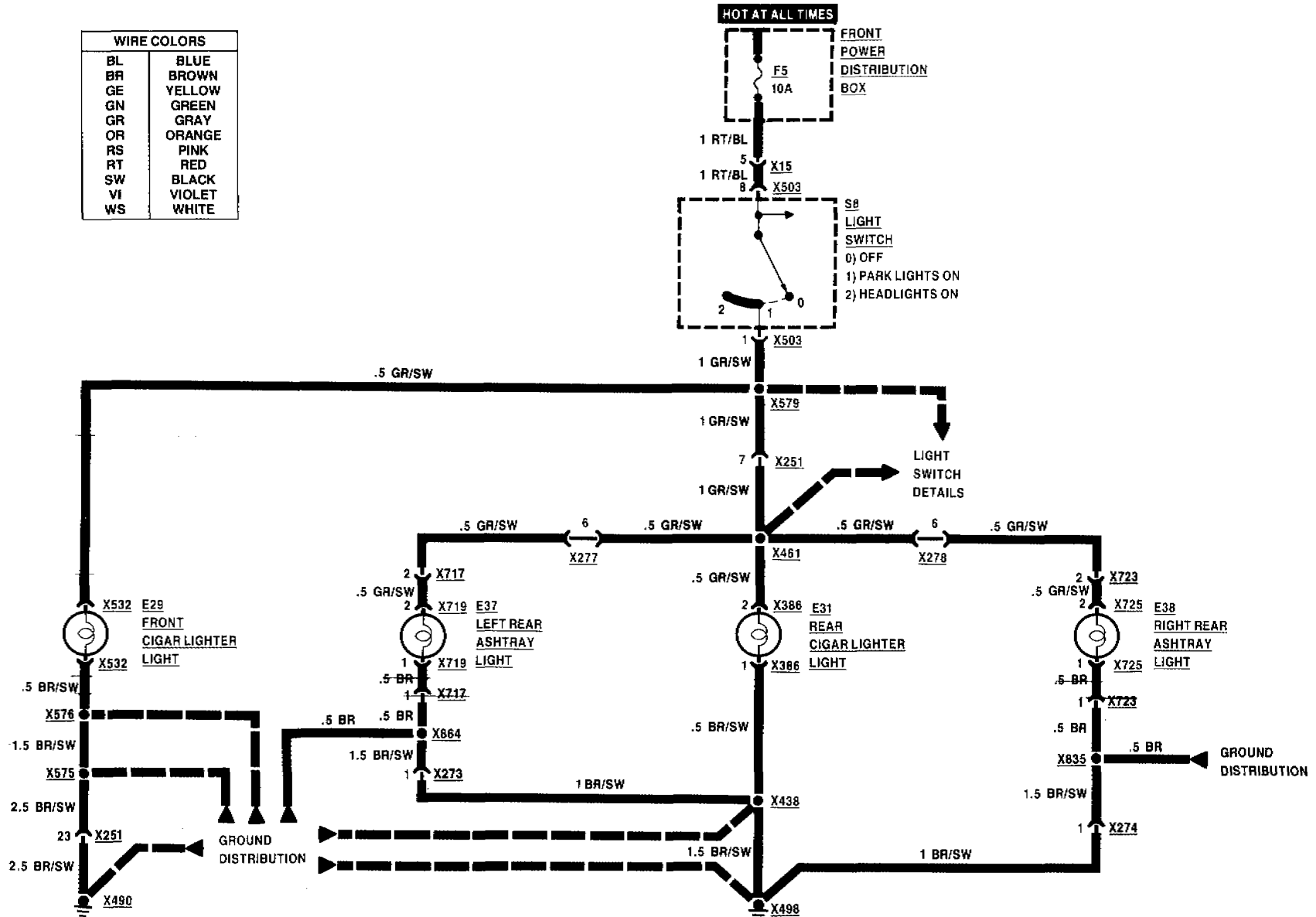
# GLOVE BOX LIGHT/CIGAR LIGHTER/ASHTRAY LIGHT/CHARGING PLUG





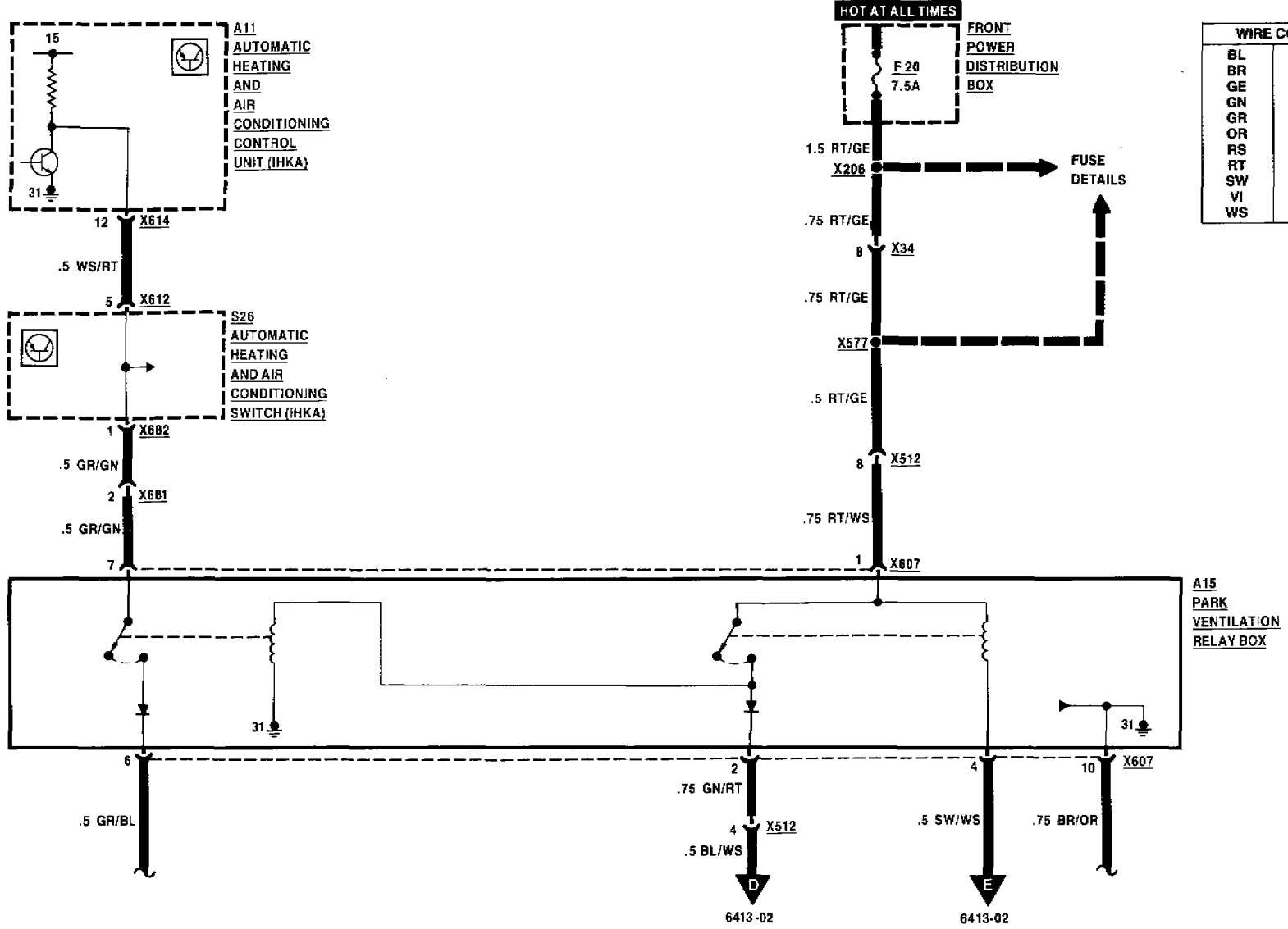
# GLOVE BOX LIGHT/CIGAR LIGHTER/ASHTRAY LIGHT/CHARGING PLUG

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



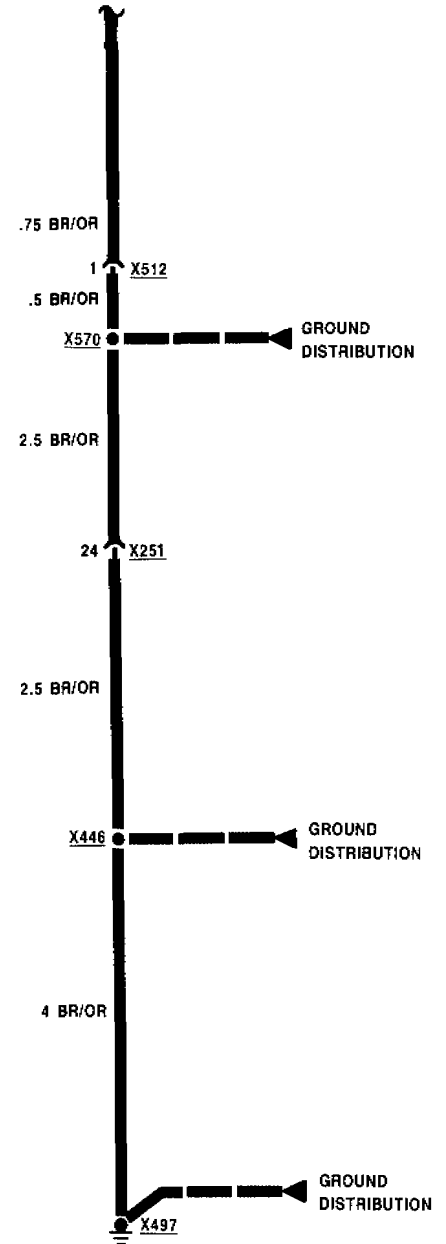
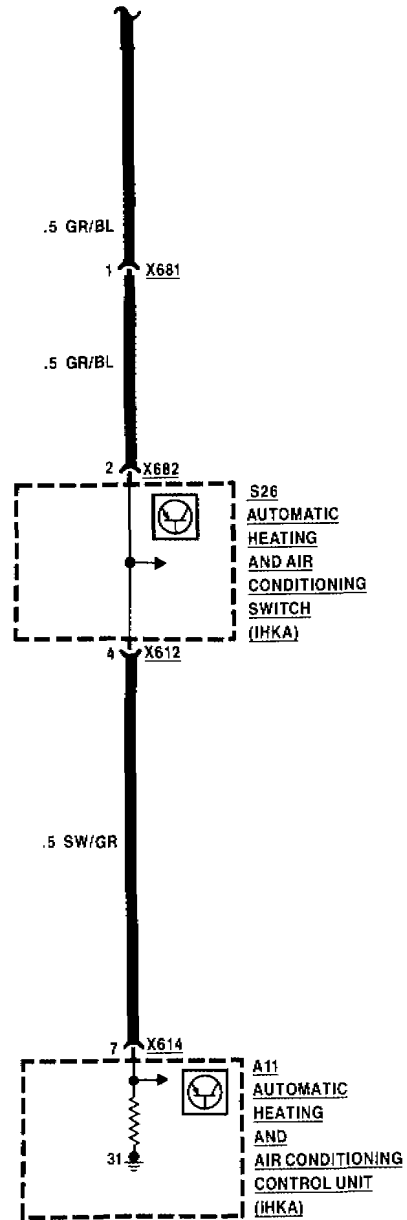


# PARK VENTILATION



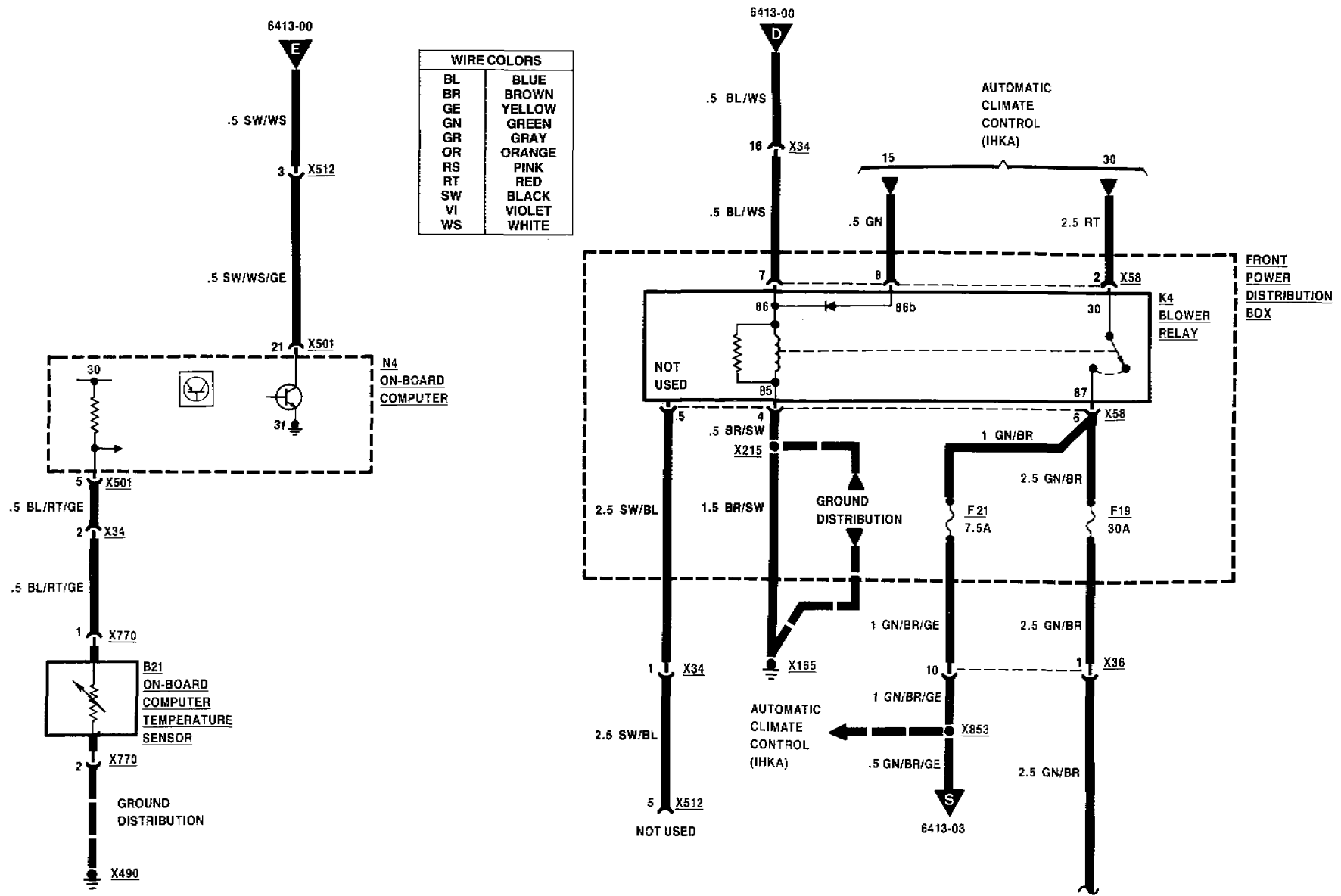
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

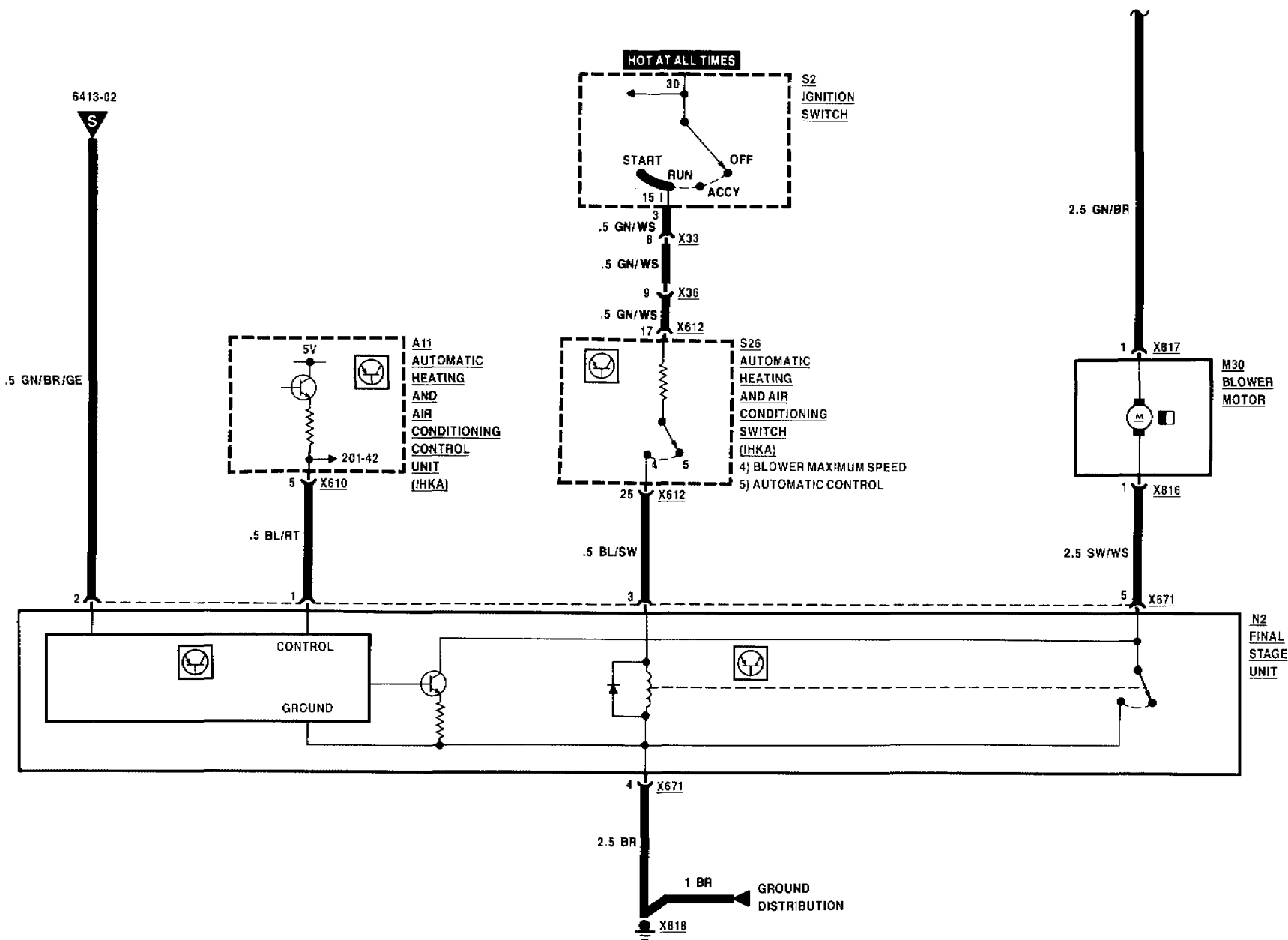
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





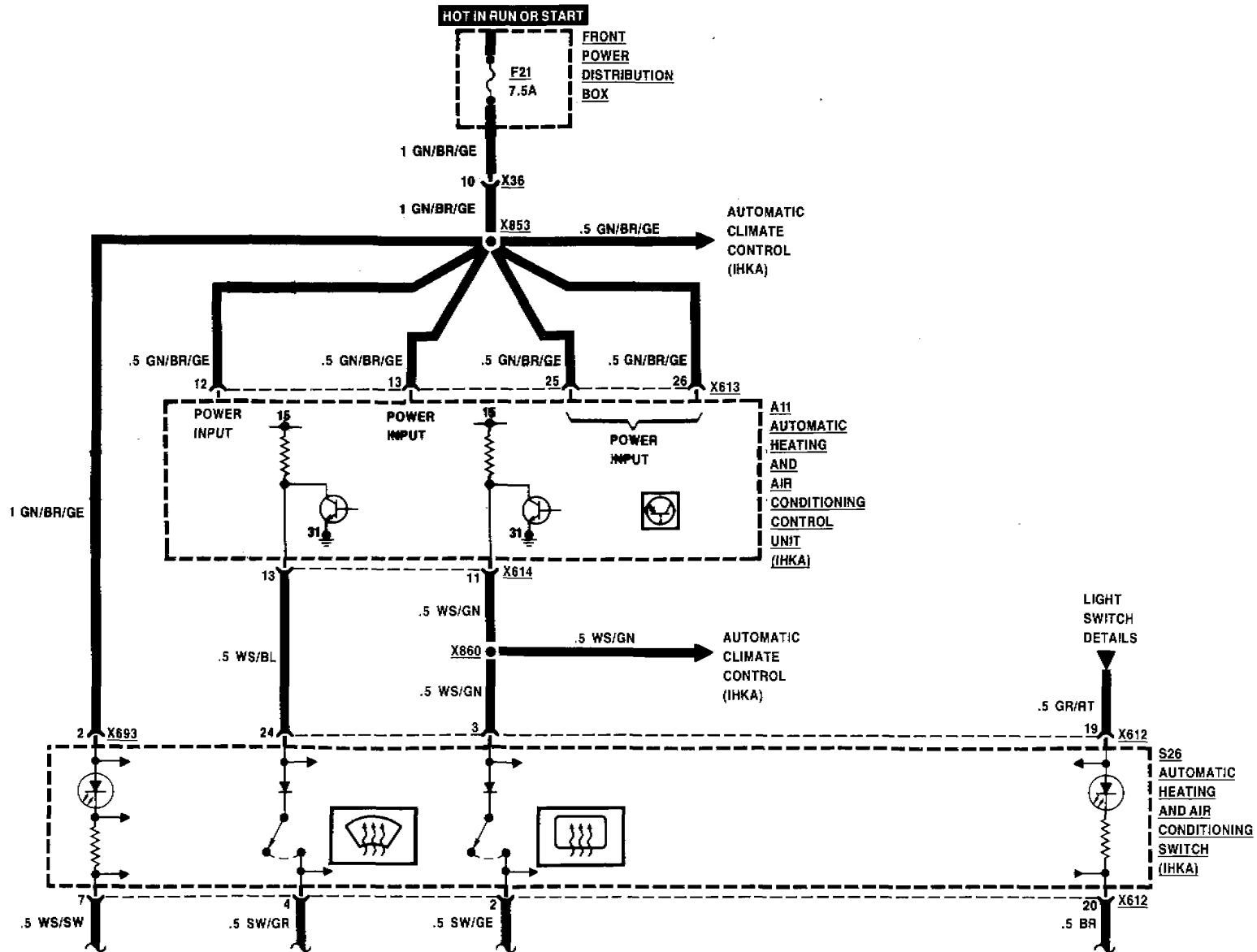
# PARK VENTILATION

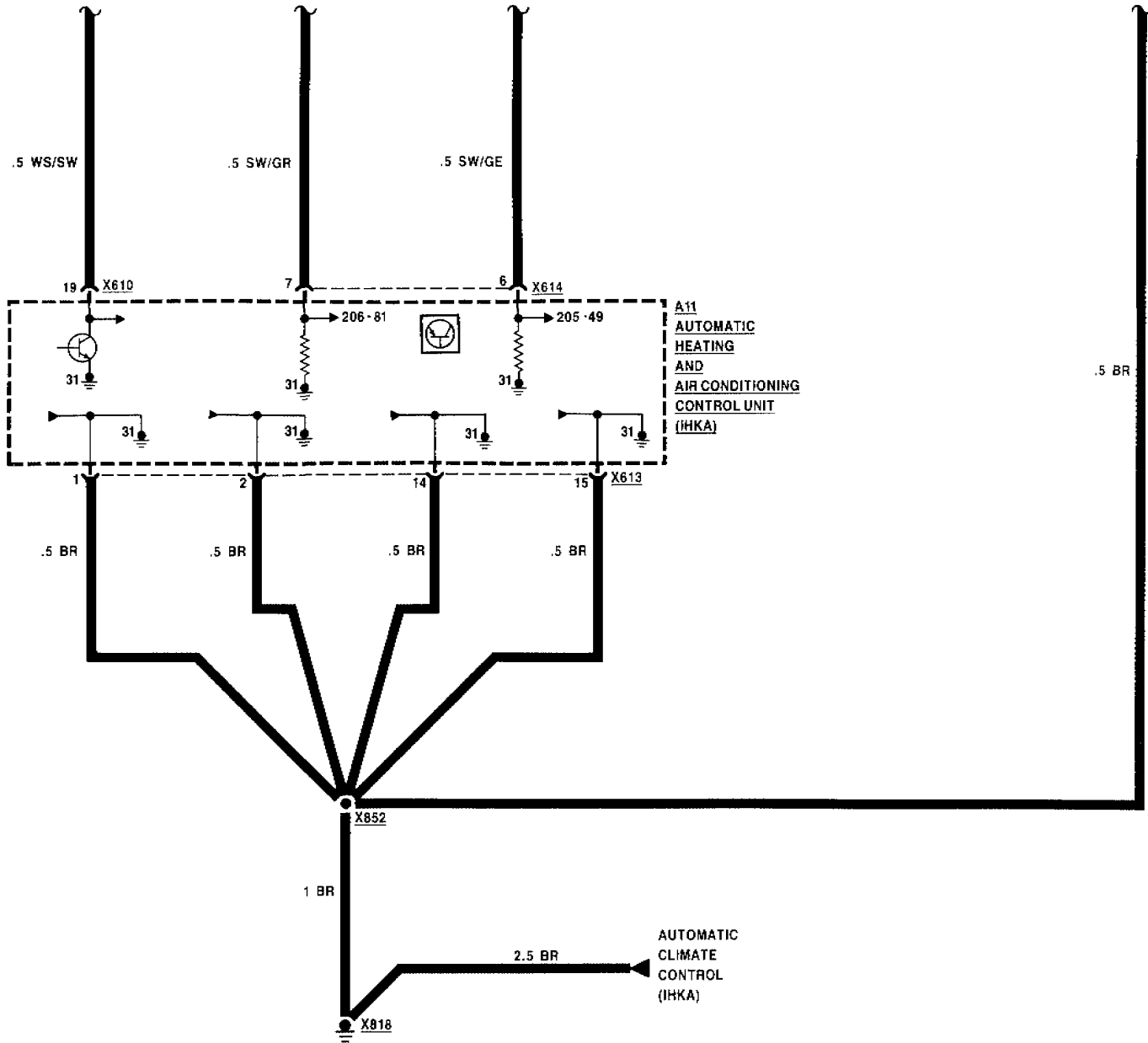






# REAR WINDOW DEFOGGER IHKA





A11  
 AUTOMATIC  
 HEATING  
 AND  
 AIR CONDITIONING  
 CONTROL UNIT  
 (IHKA)

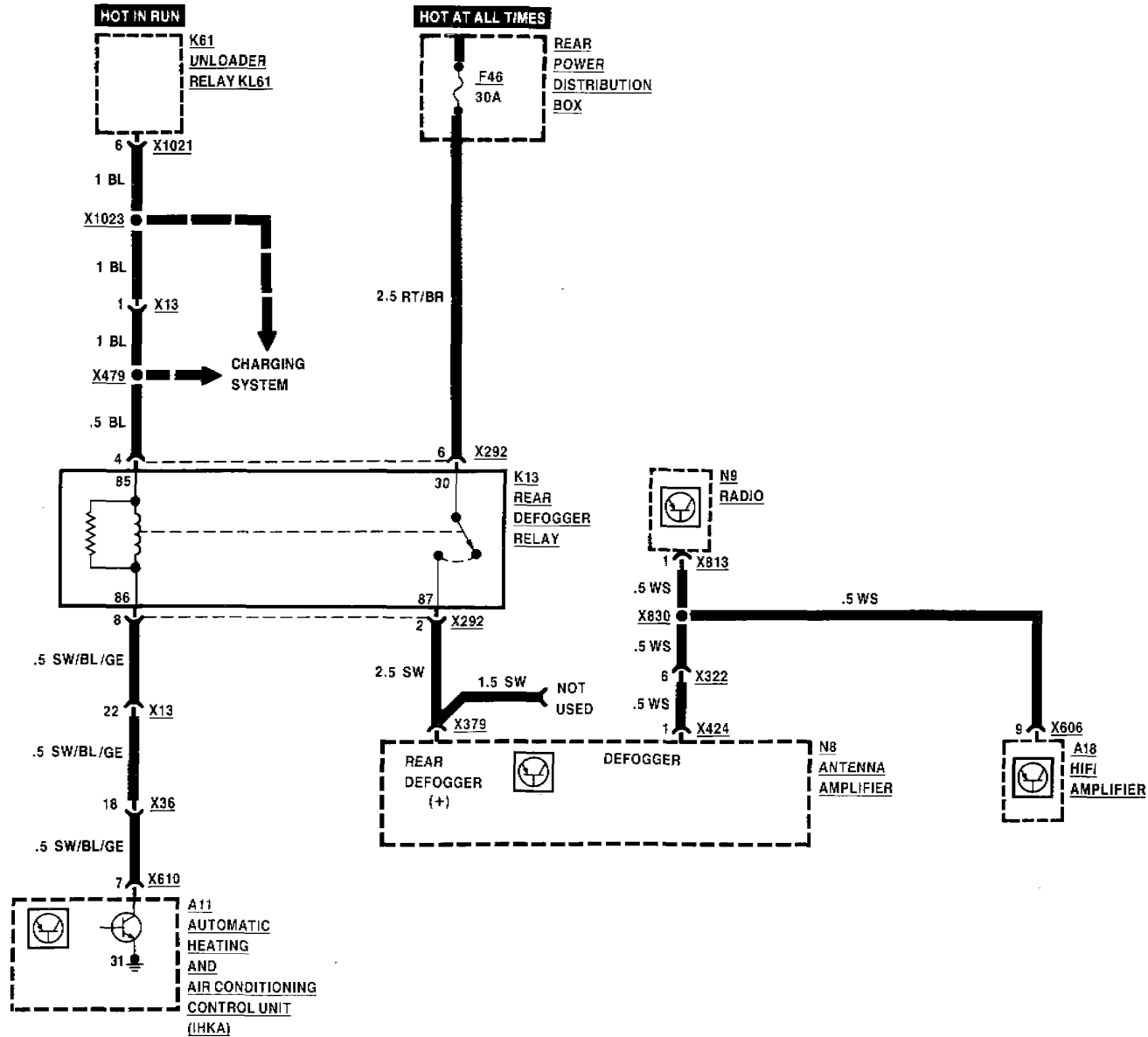
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# REAR WINDOW DEFOGGER/ANTENNA

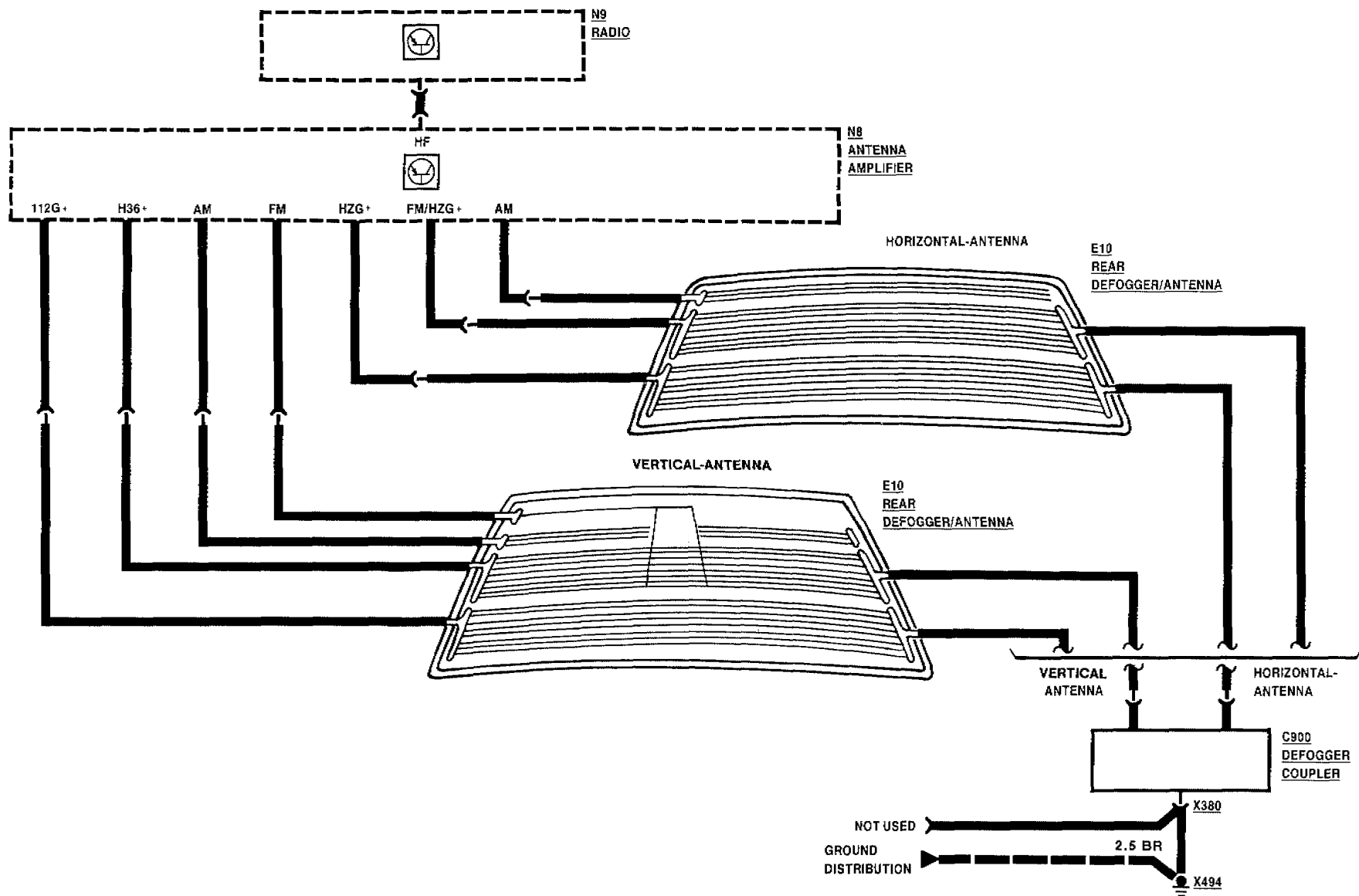
IHKA





# REAR WINDOW DEFOGGER/ANTENNA

## DEFOGGER-ANTENNA



07/90

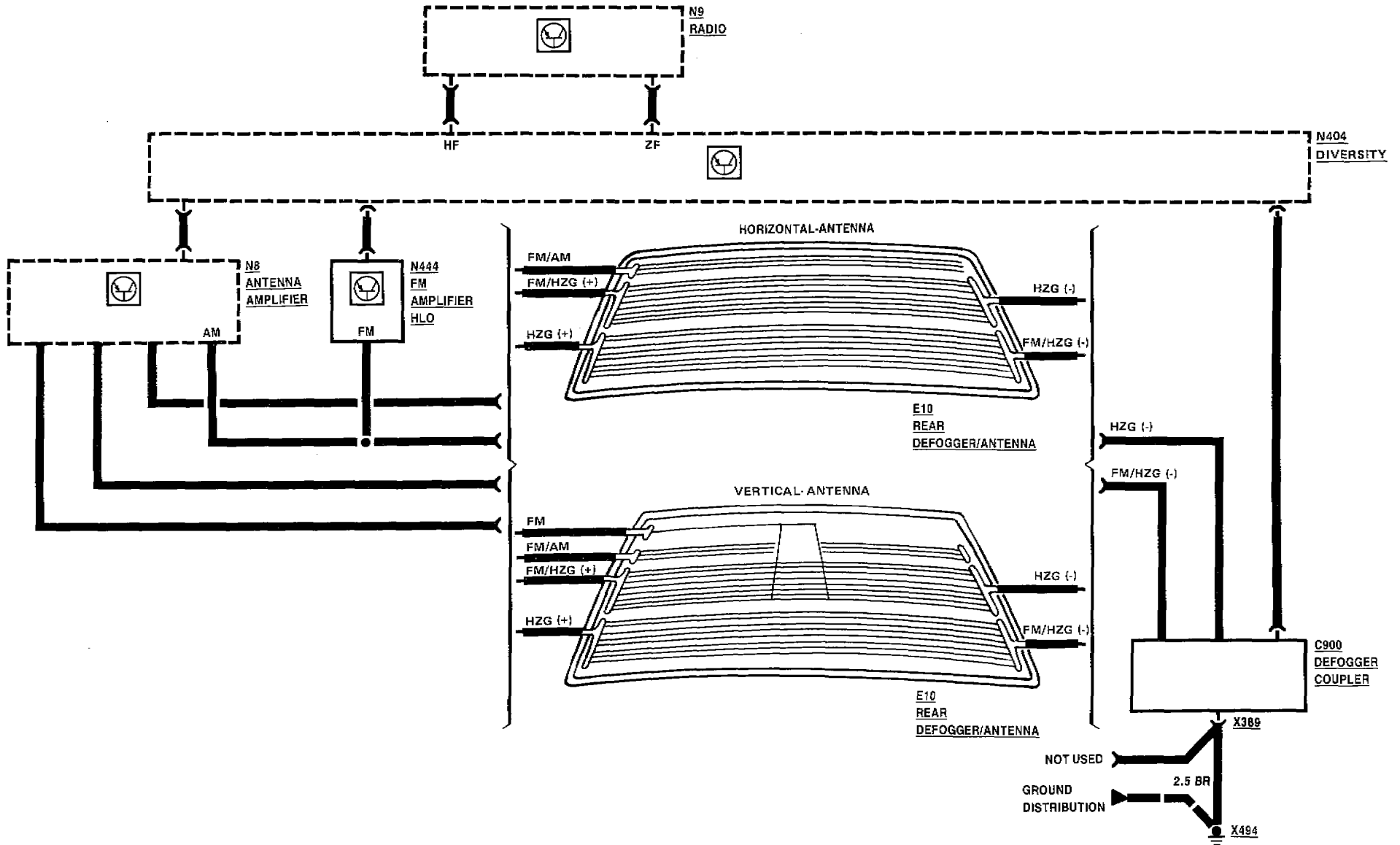
6420-03

1990



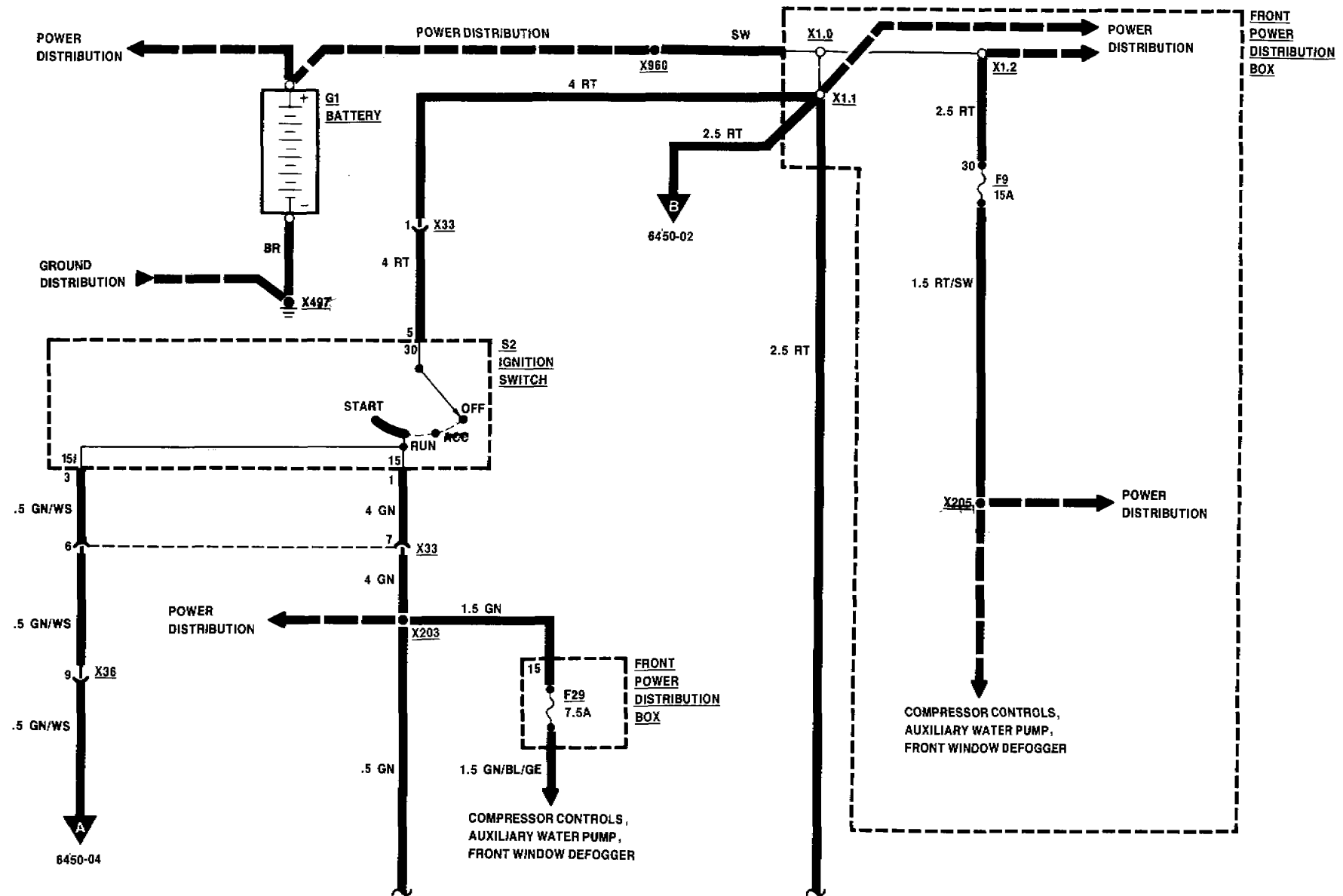
# REAR WINDOW DEFOGGER/ANTENNA

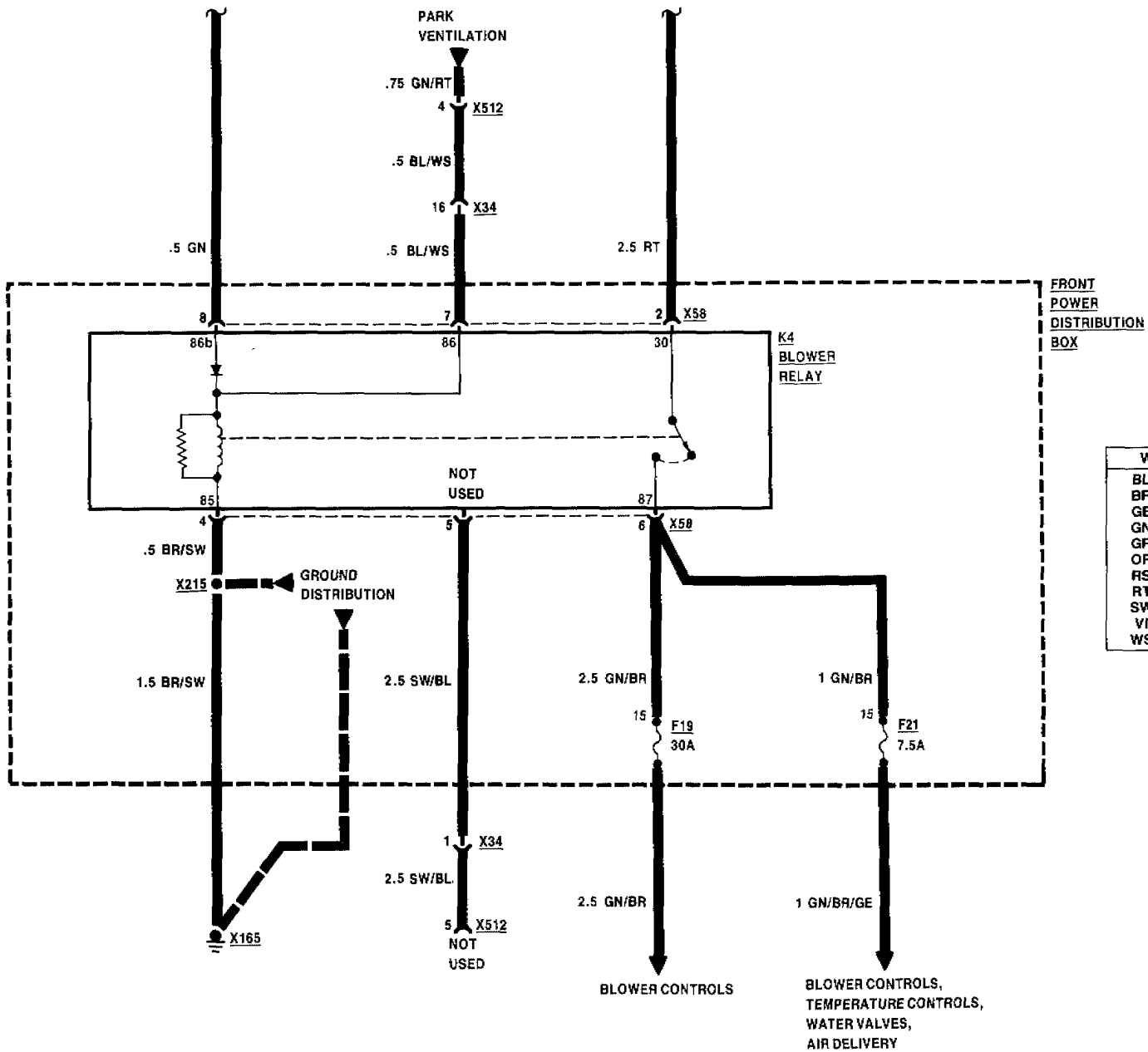
## 3-ANTENNA - DIVERSITY





# AUTOMATIC CLIMATE CONTROL (IHKA) POWER





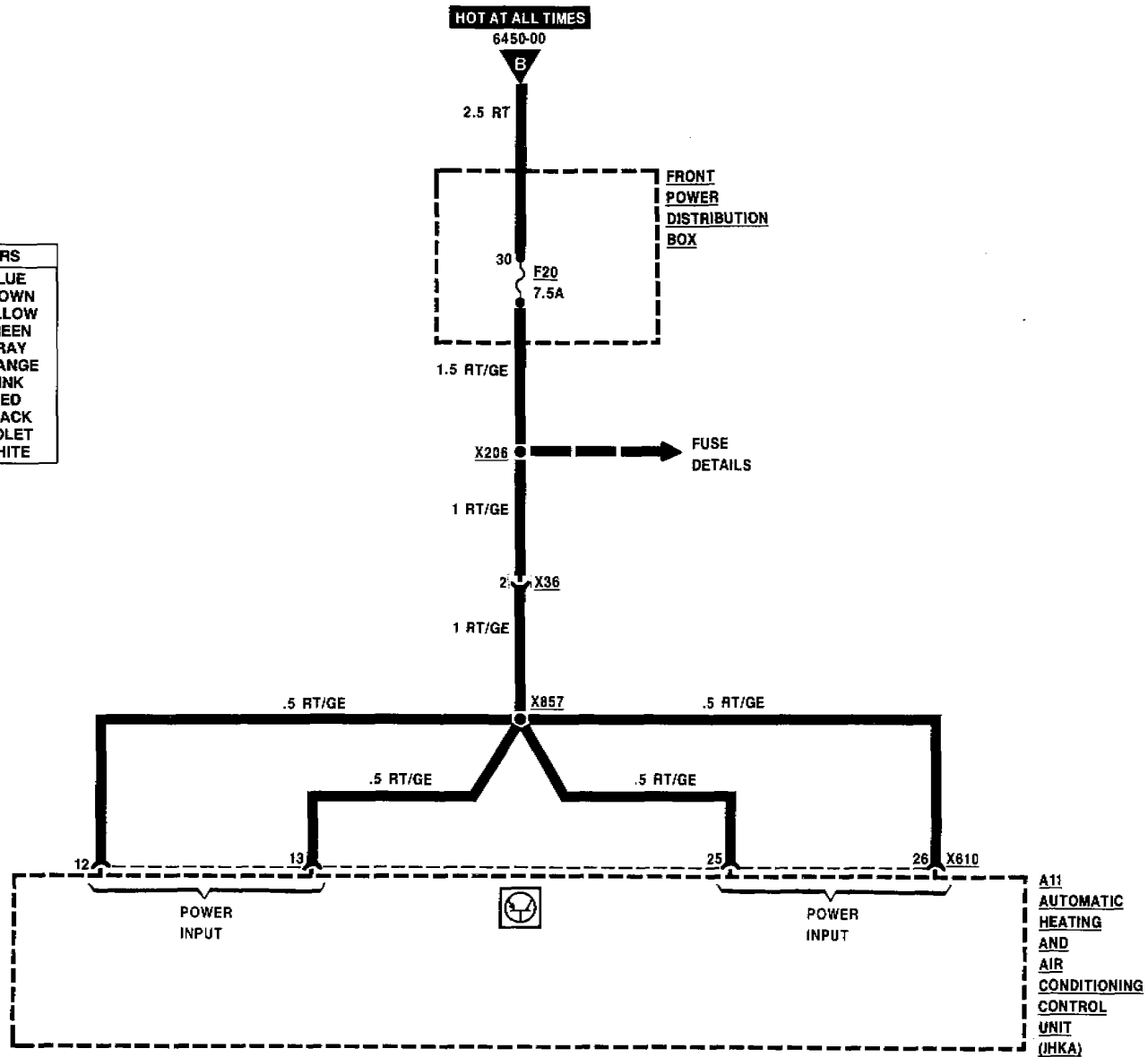
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# AUTOMATIC CLIMATE CONTROL (IHKA)

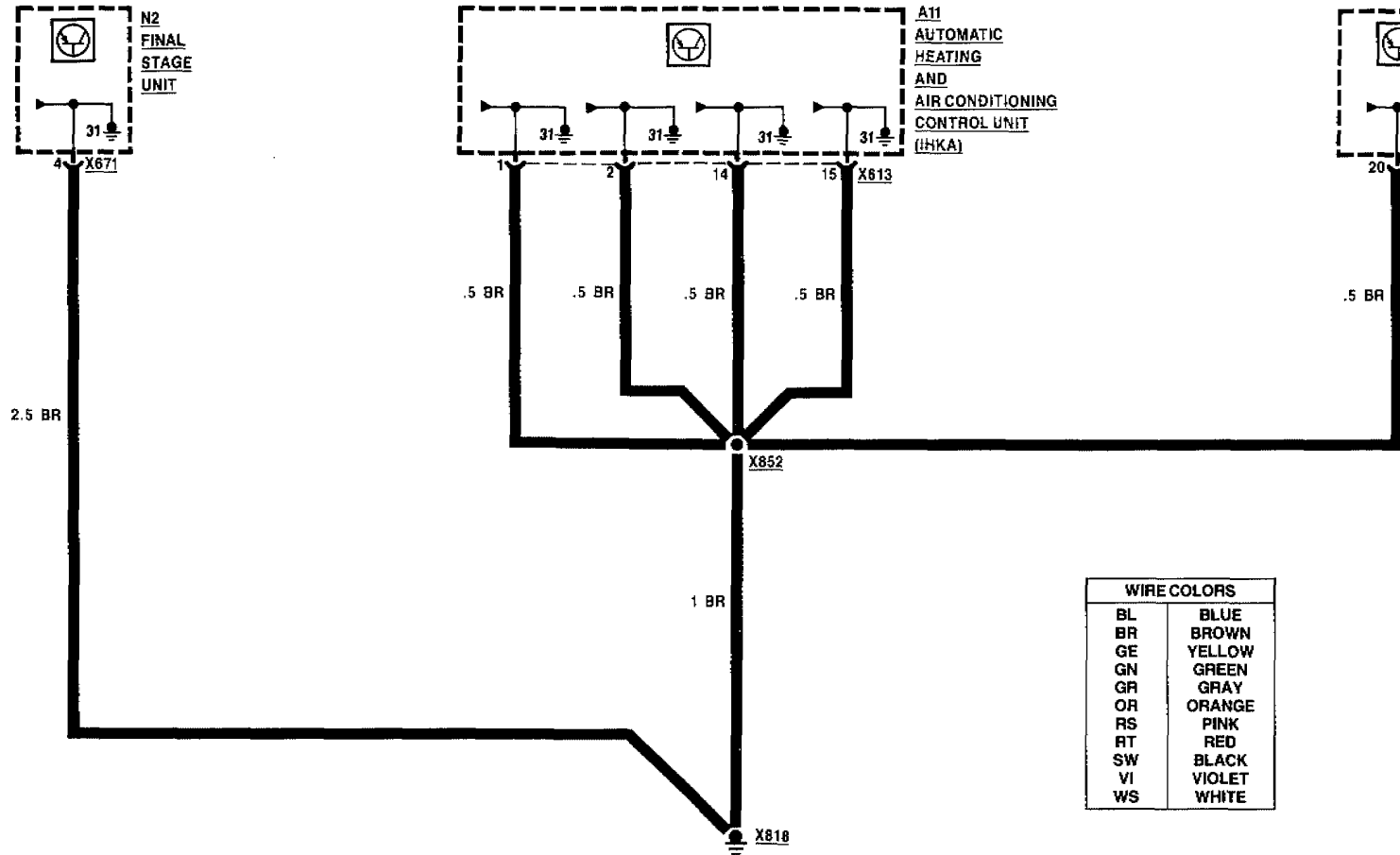
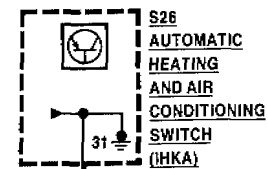
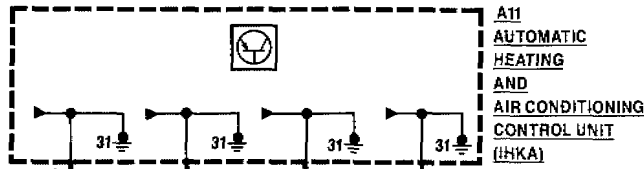
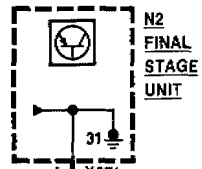
## POWER

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





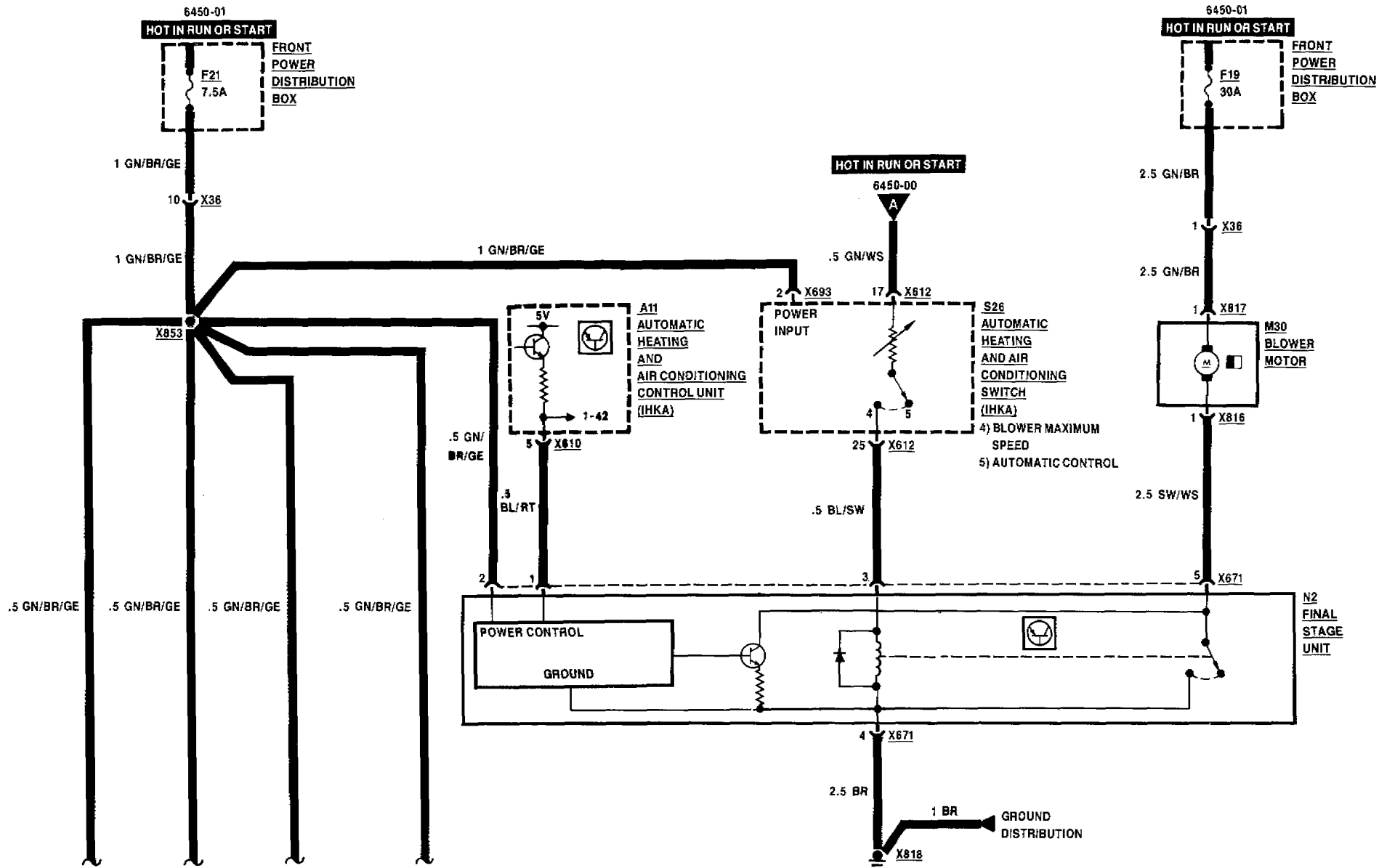
# AUTOMATIC CLIMATE CONTROL (IHKA) GROUND



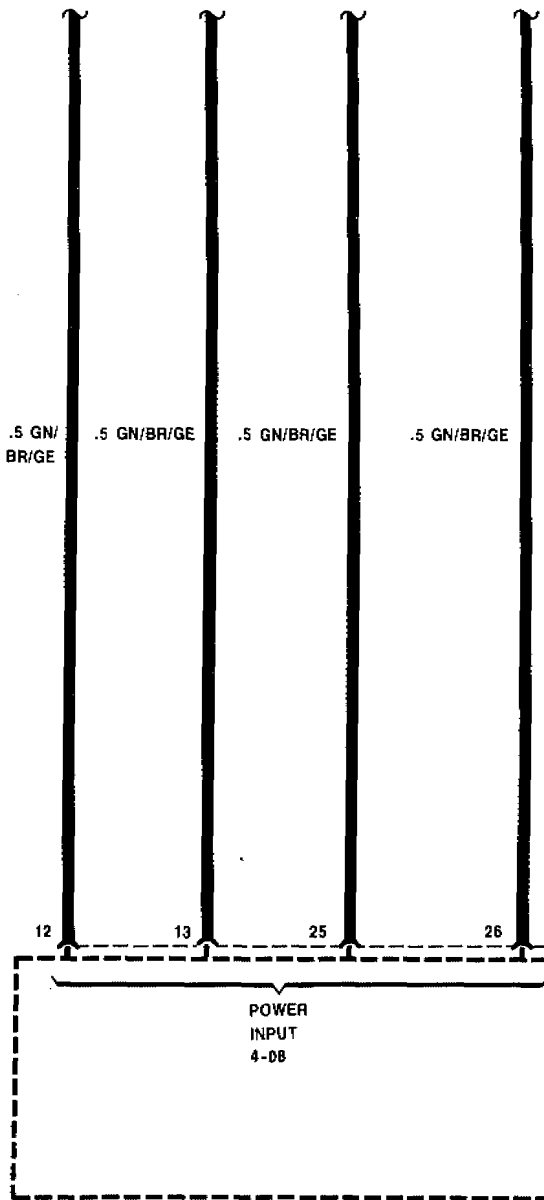
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



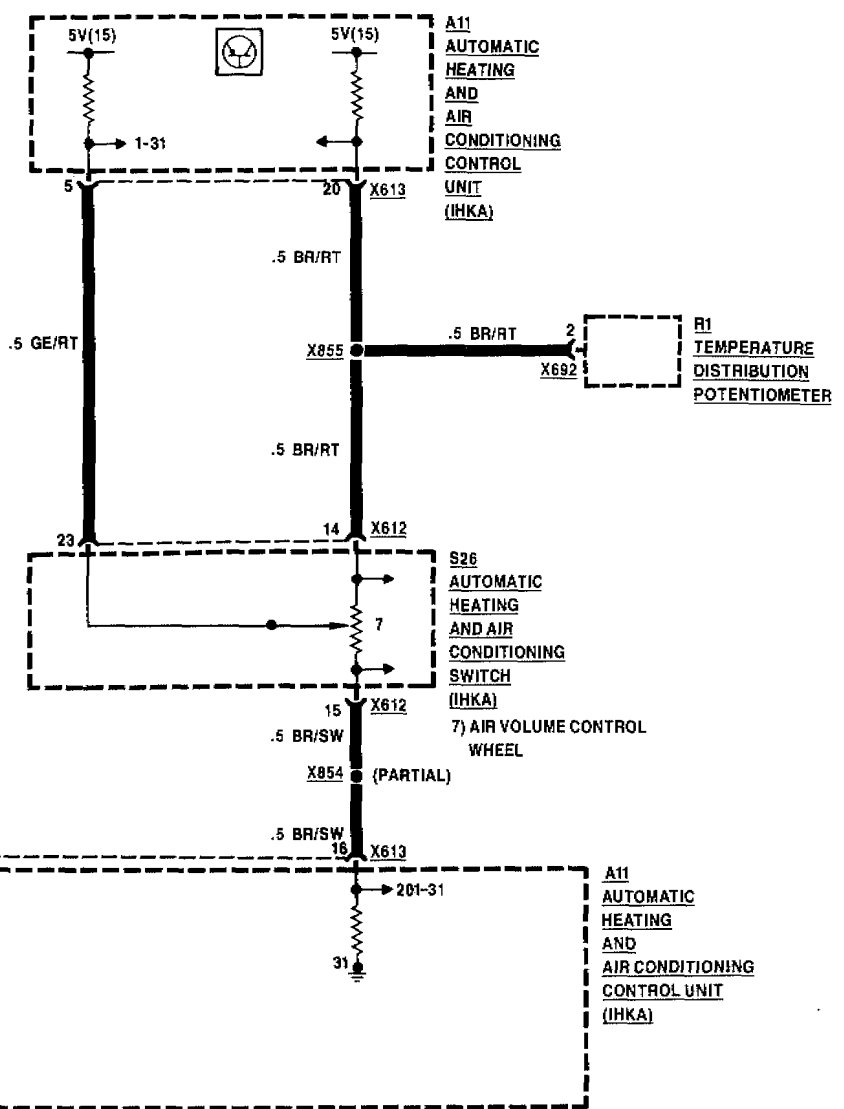
# AUTOMATIC CLIMATE CONTROL (IHKA) BLOWER CONTROL







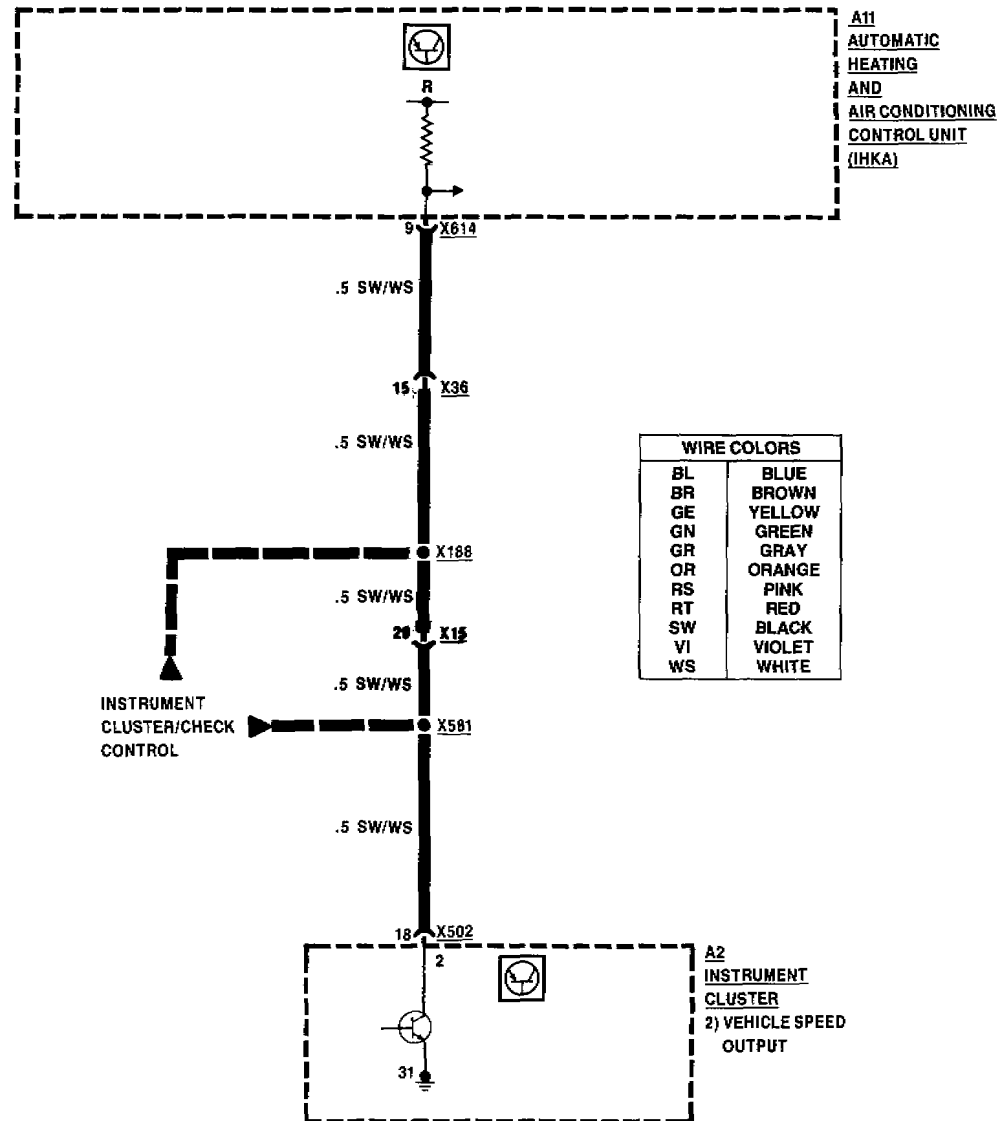
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# AUTOMATIC CLIMATE CONTROL (IHKA)

## BLOWER CONTROLS



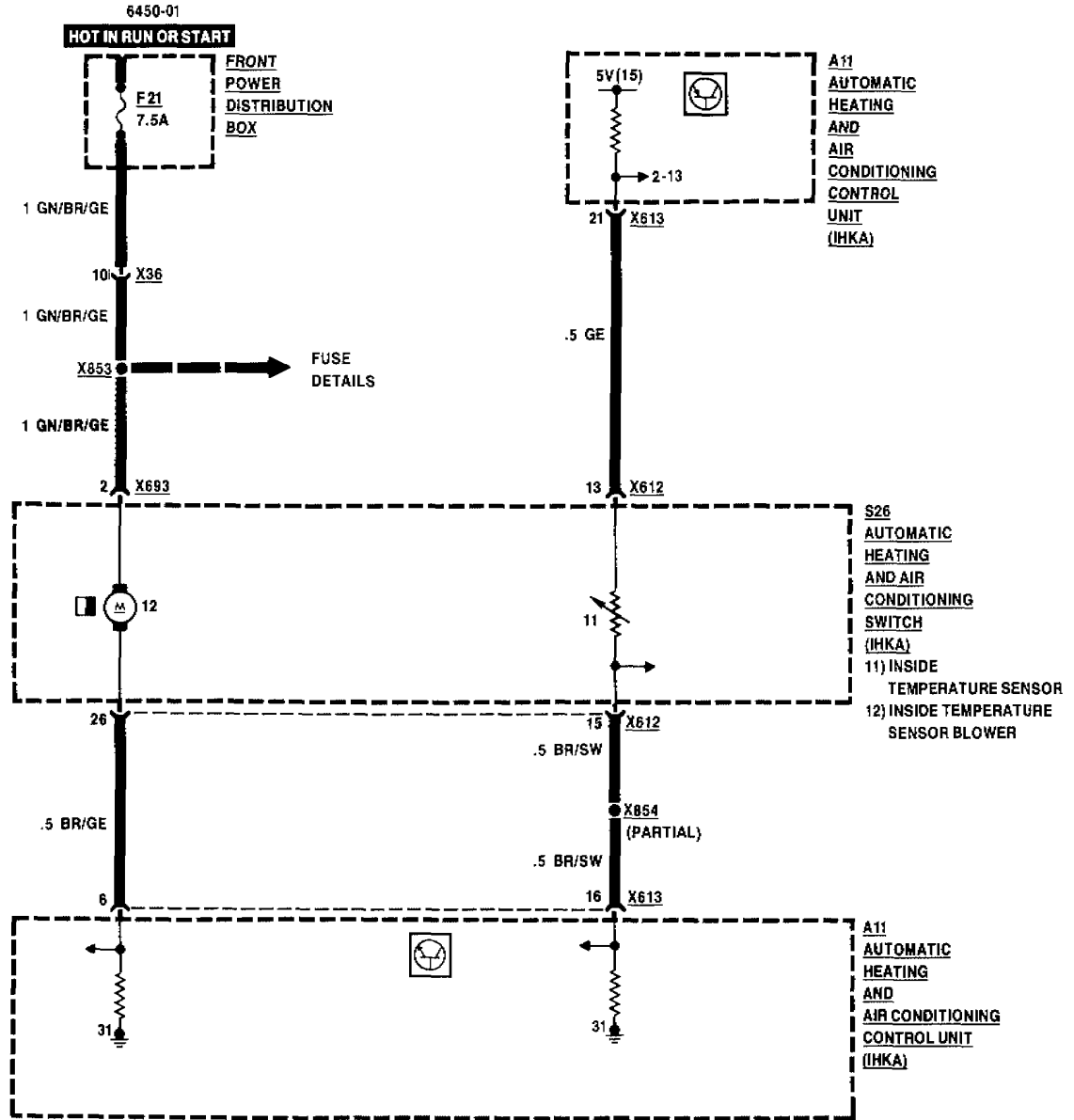


# AUTOMATIC CLIMATE CONTROL (IHKA) TEMPERATURE CONTROLS

09/89

6450-07

1990

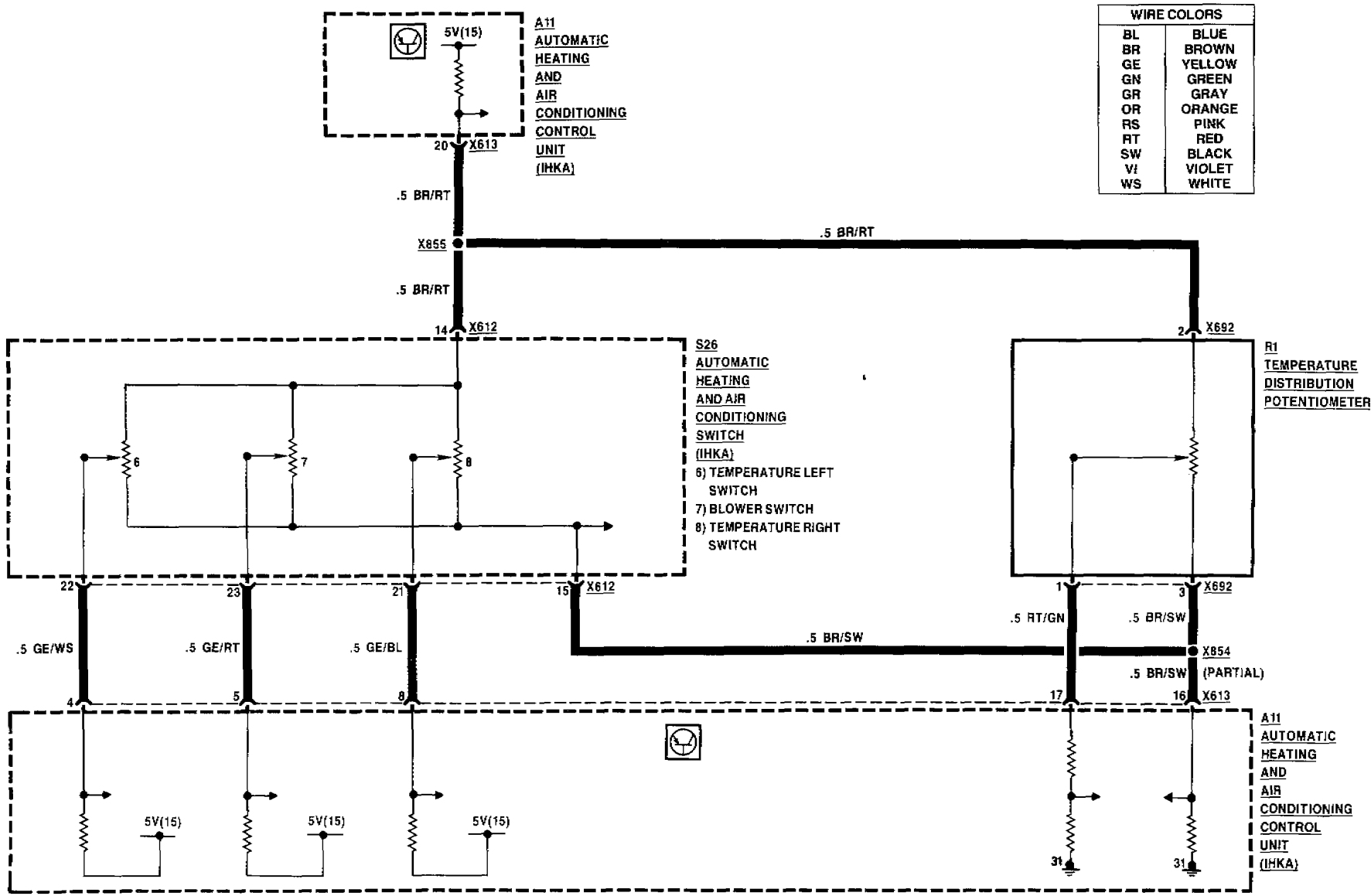


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



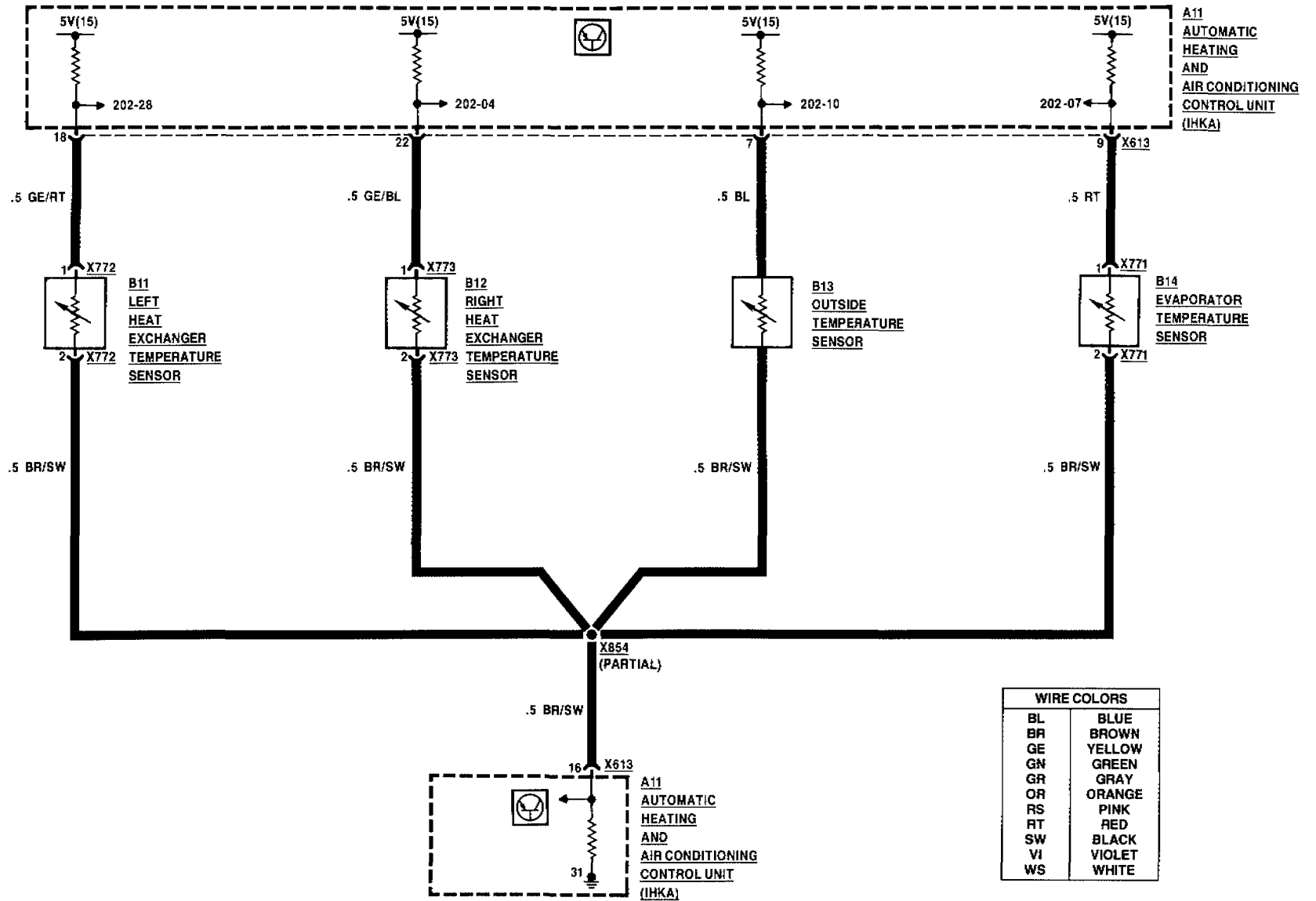
# AUTOMATIC CLIMATE CONTROL (IHKA) TEMPERATURE CONTROLS

09/89  
6450-08  
1990



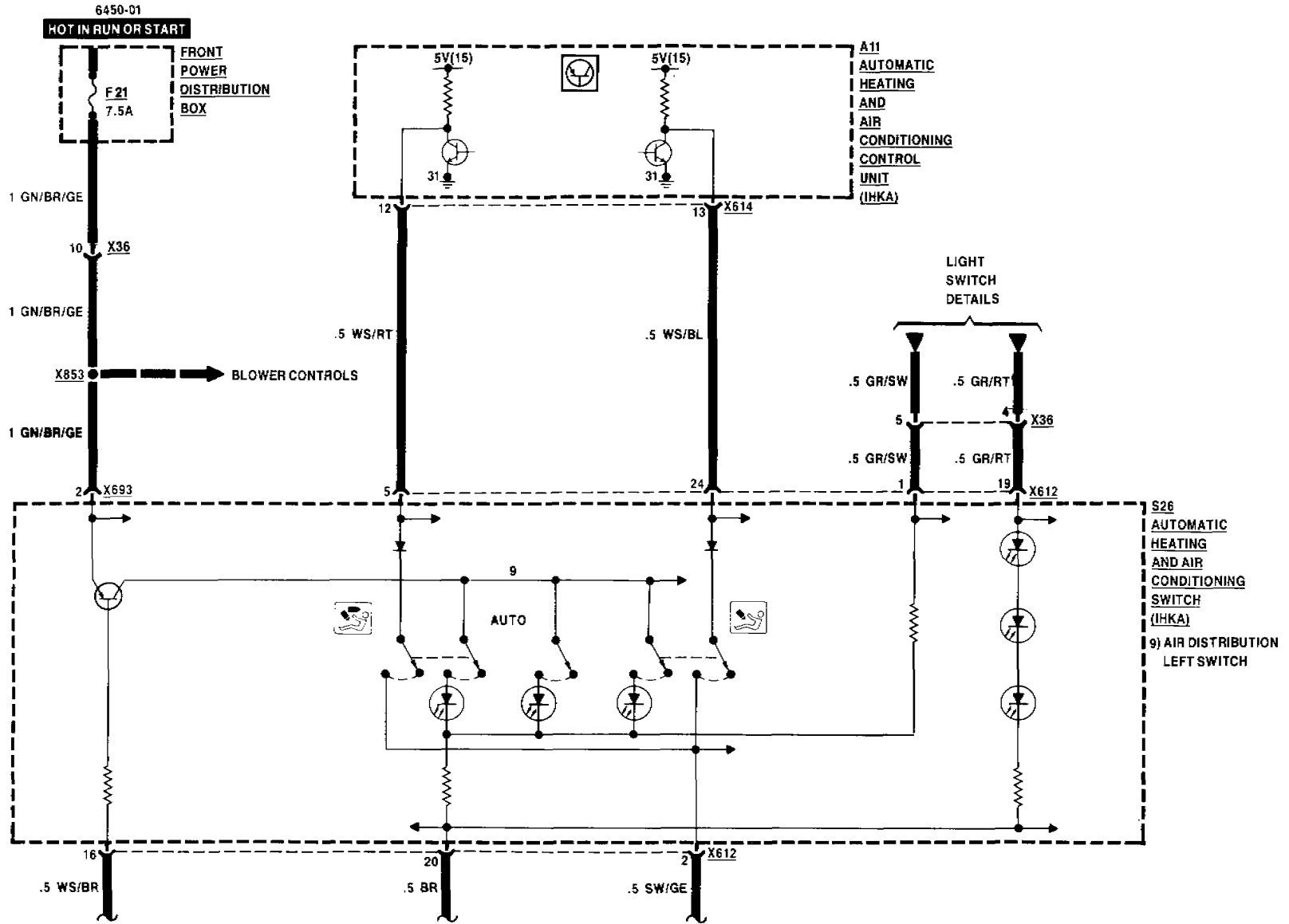


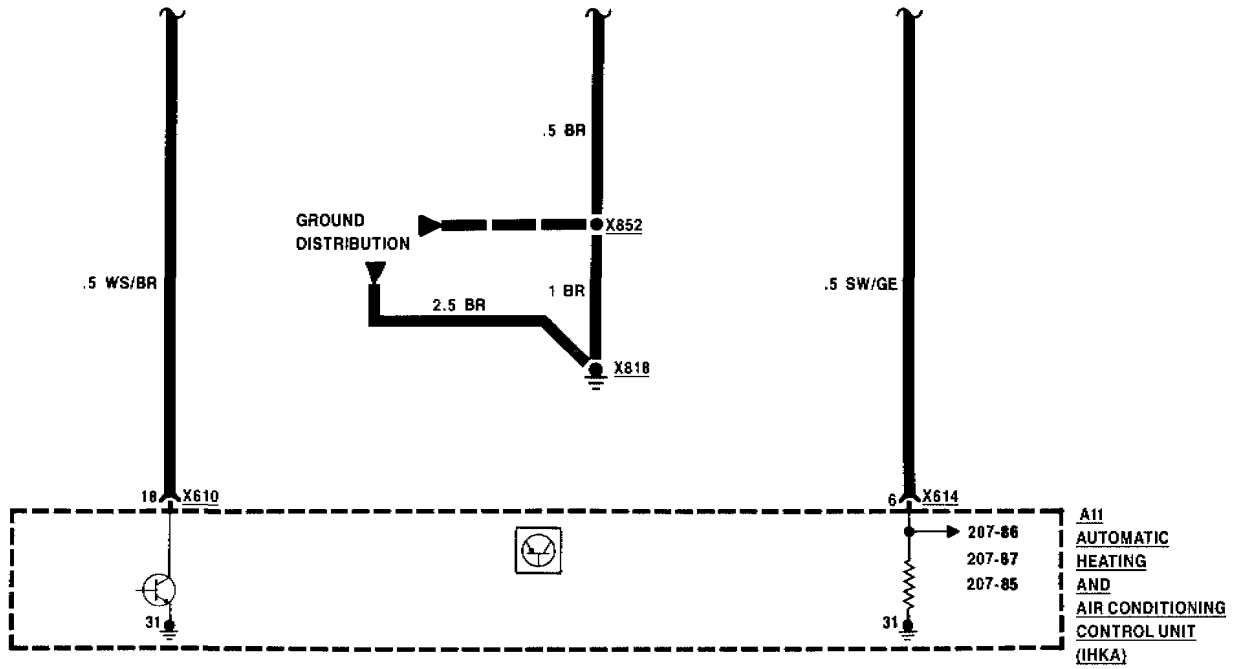
# AUTOMATIC CLIMATE CONTROL (IHKA) TEMPERATURE CONTROLS





# AUTOMATIC CLIMATE CONTROL (IHKA) AIR DELIVERY



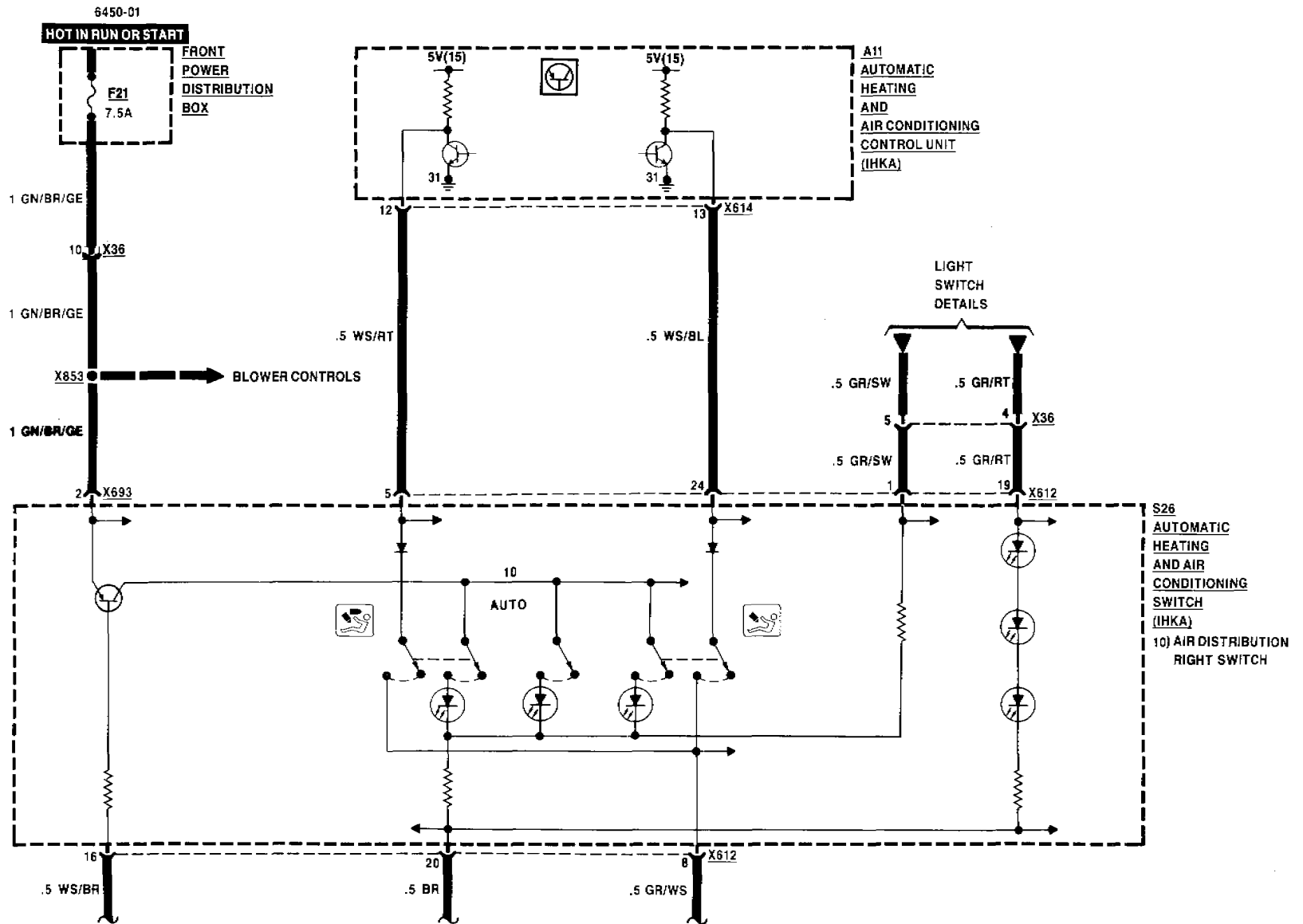


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

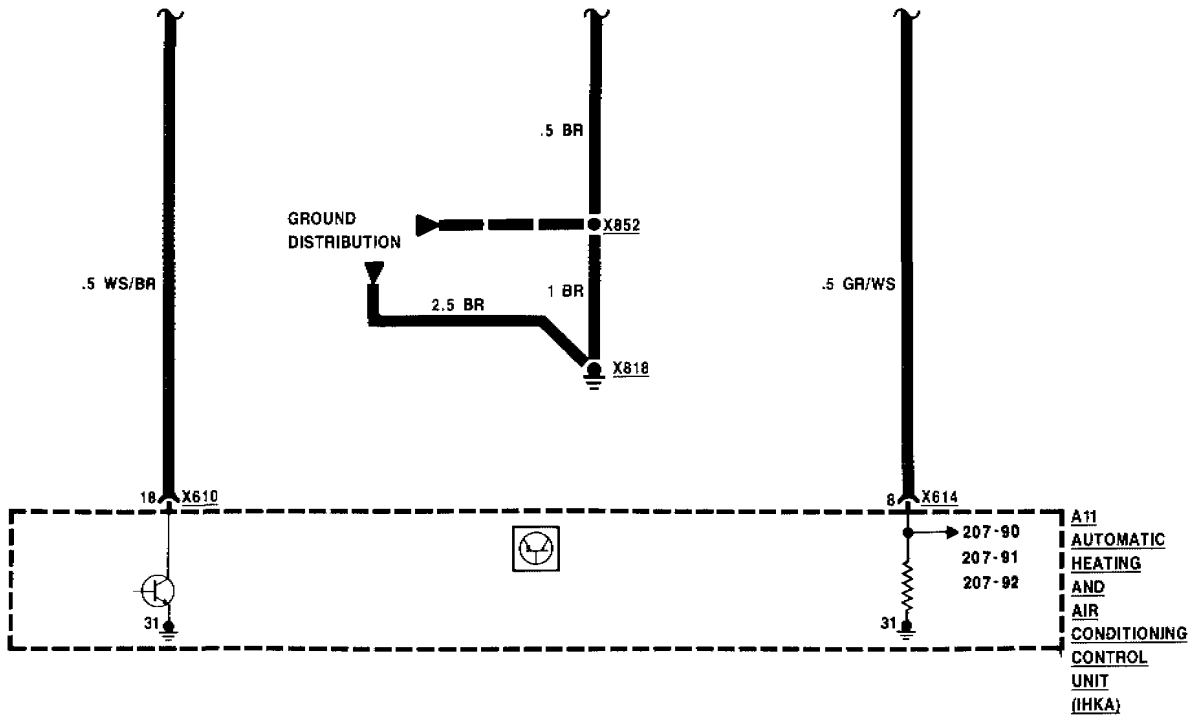
A11  
 AUTOMATIC  
 HEATING  
 AND  
 AIR CONDITIONING  
 CONTROL UNIT  
 (IHKA)



# AUTOMATIC CLIMATE CONTROL (IHKA) AIR DELIVERY



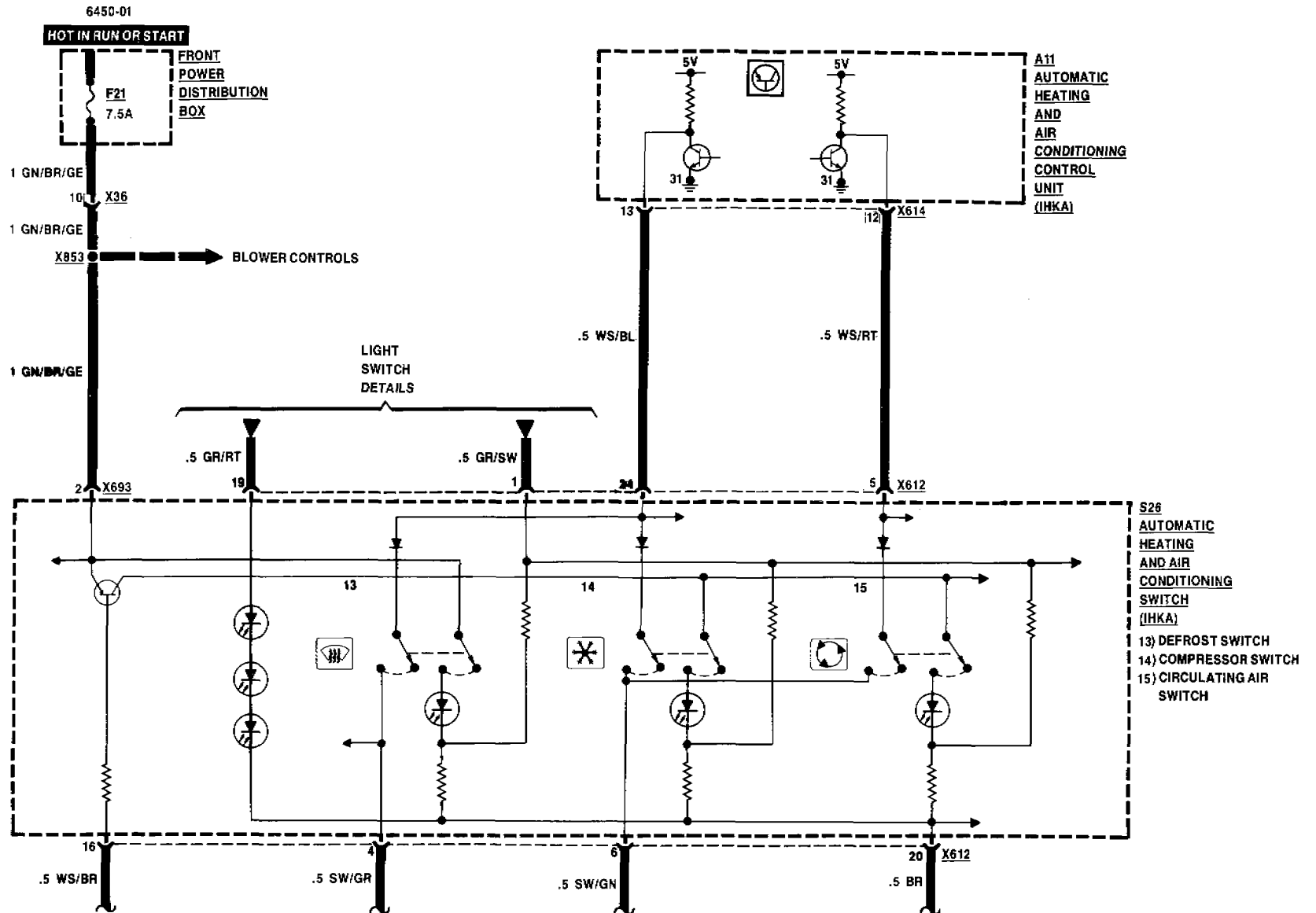




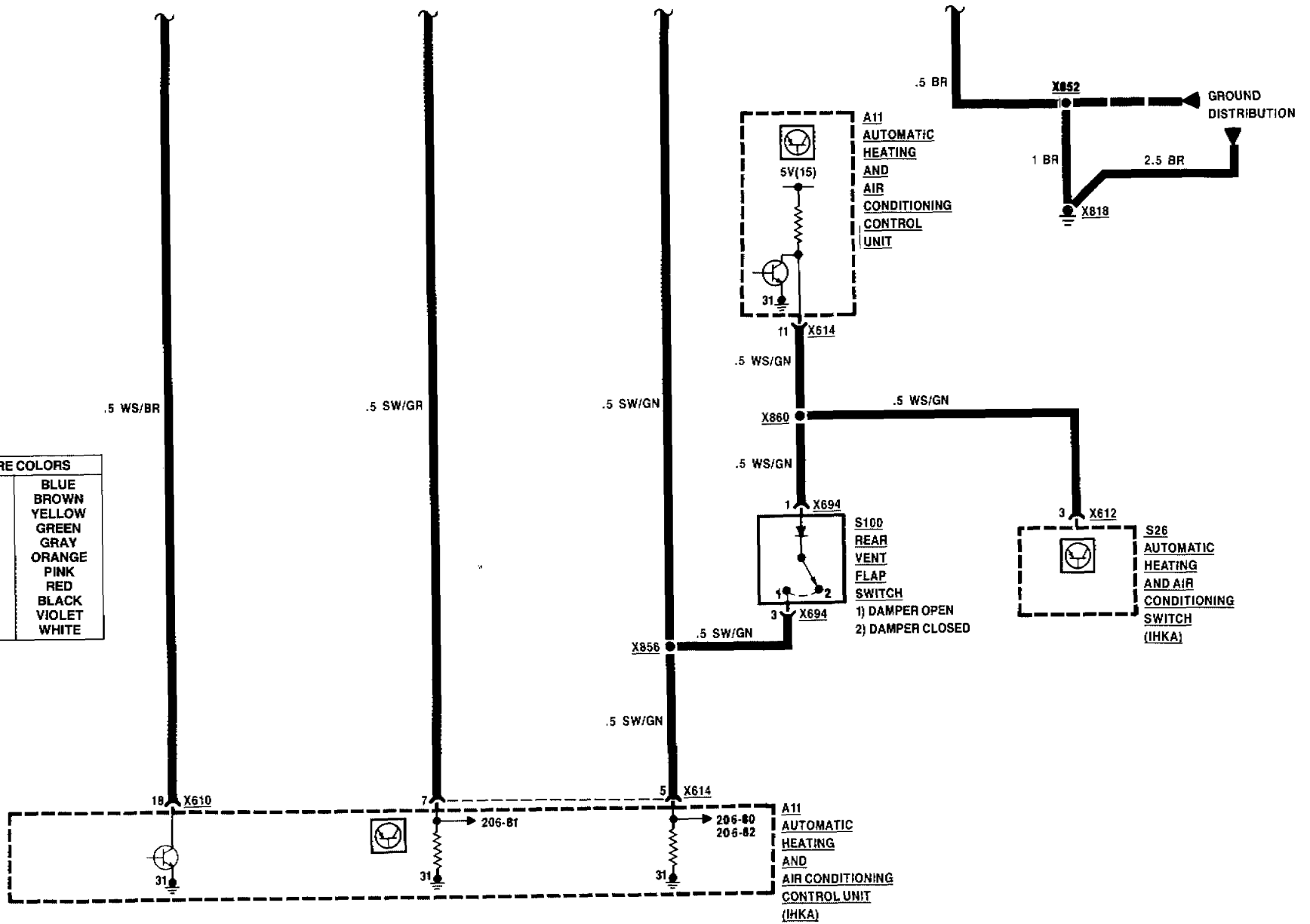
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# AUTOMATIC CLIMATE CONTROL (IHKA) AIR DELIVERY

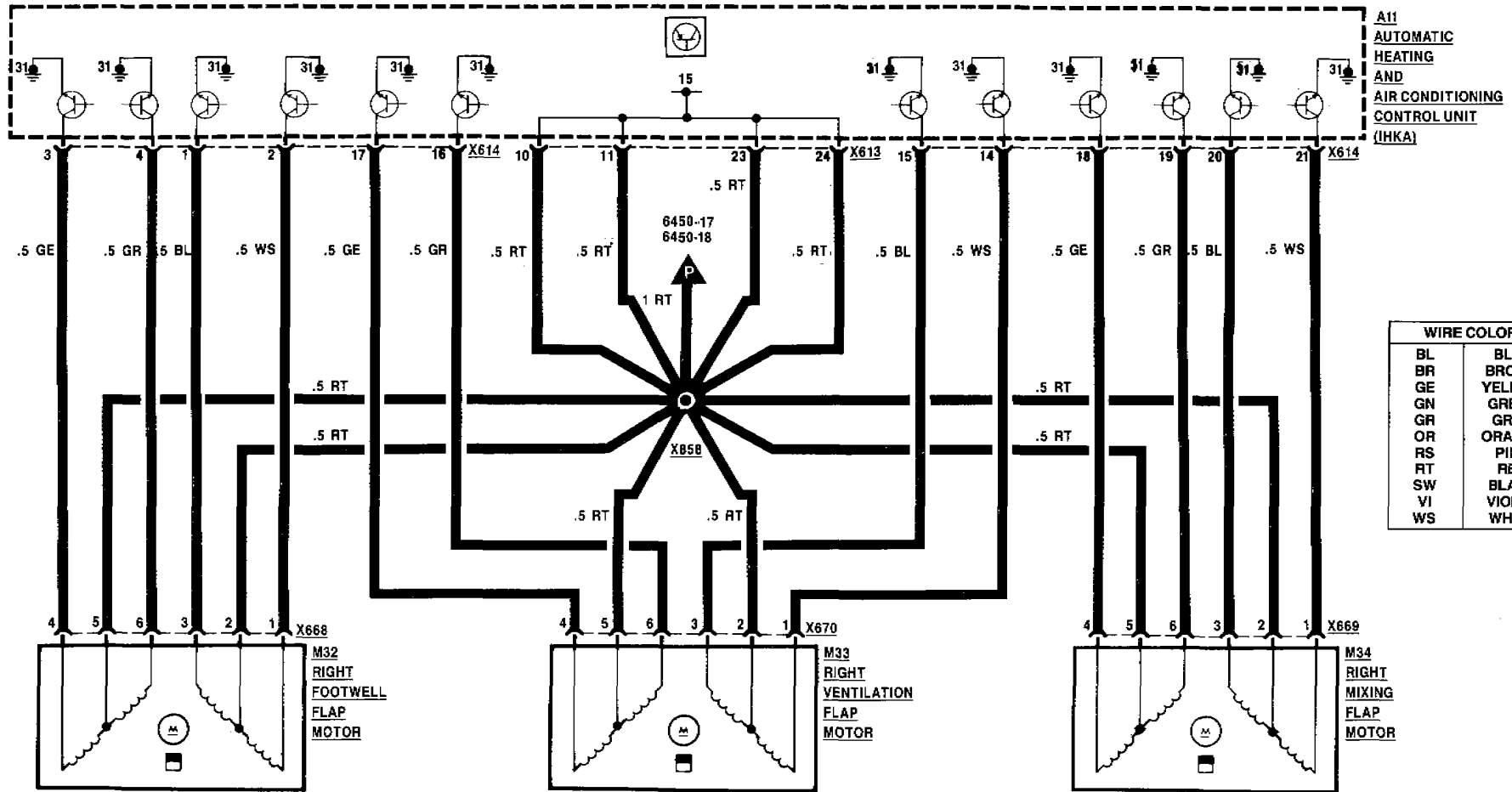


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



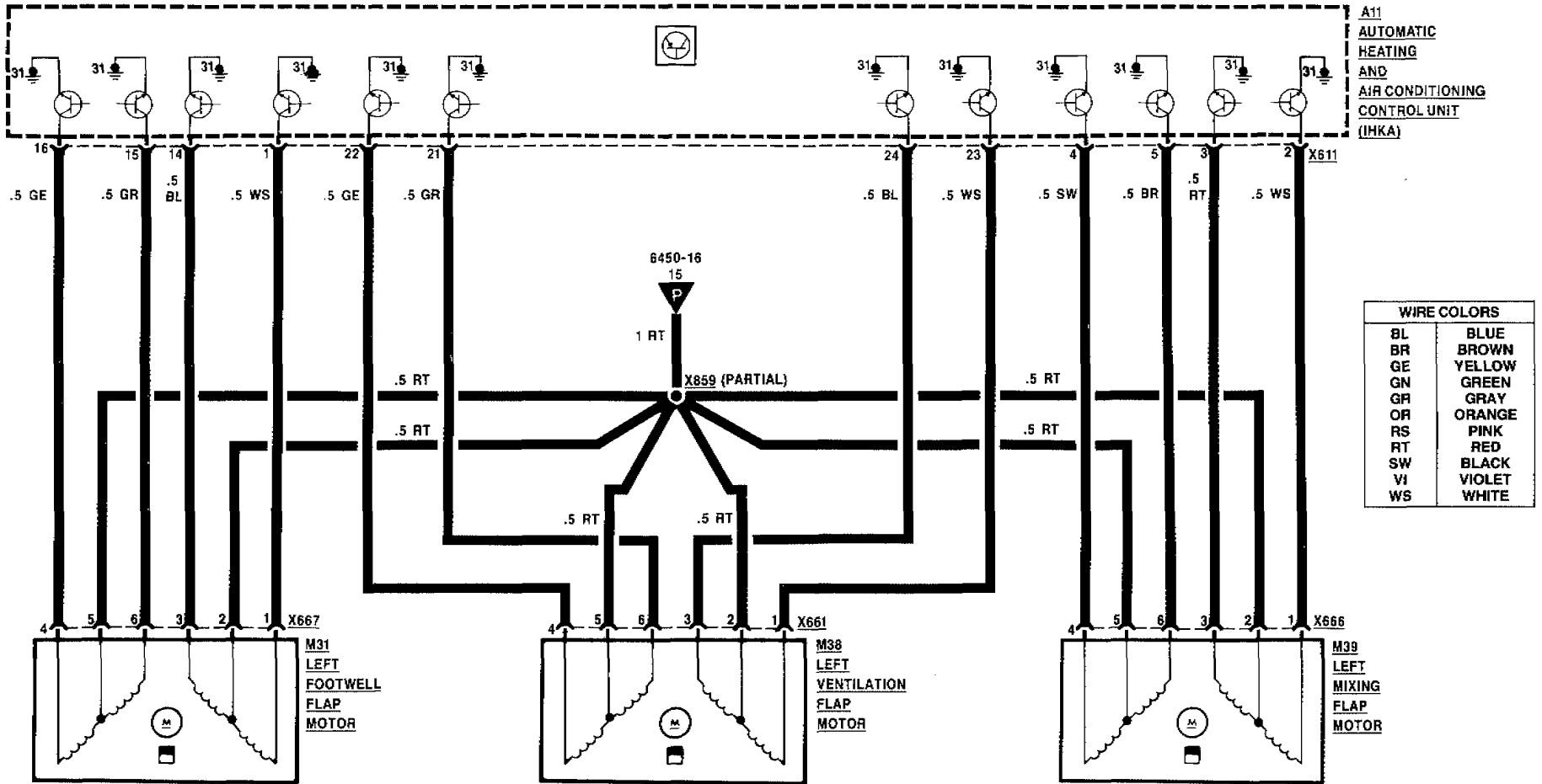


# AUTOMATIC CLIMATE CONTROL (IHKA) AIR DELIVERY





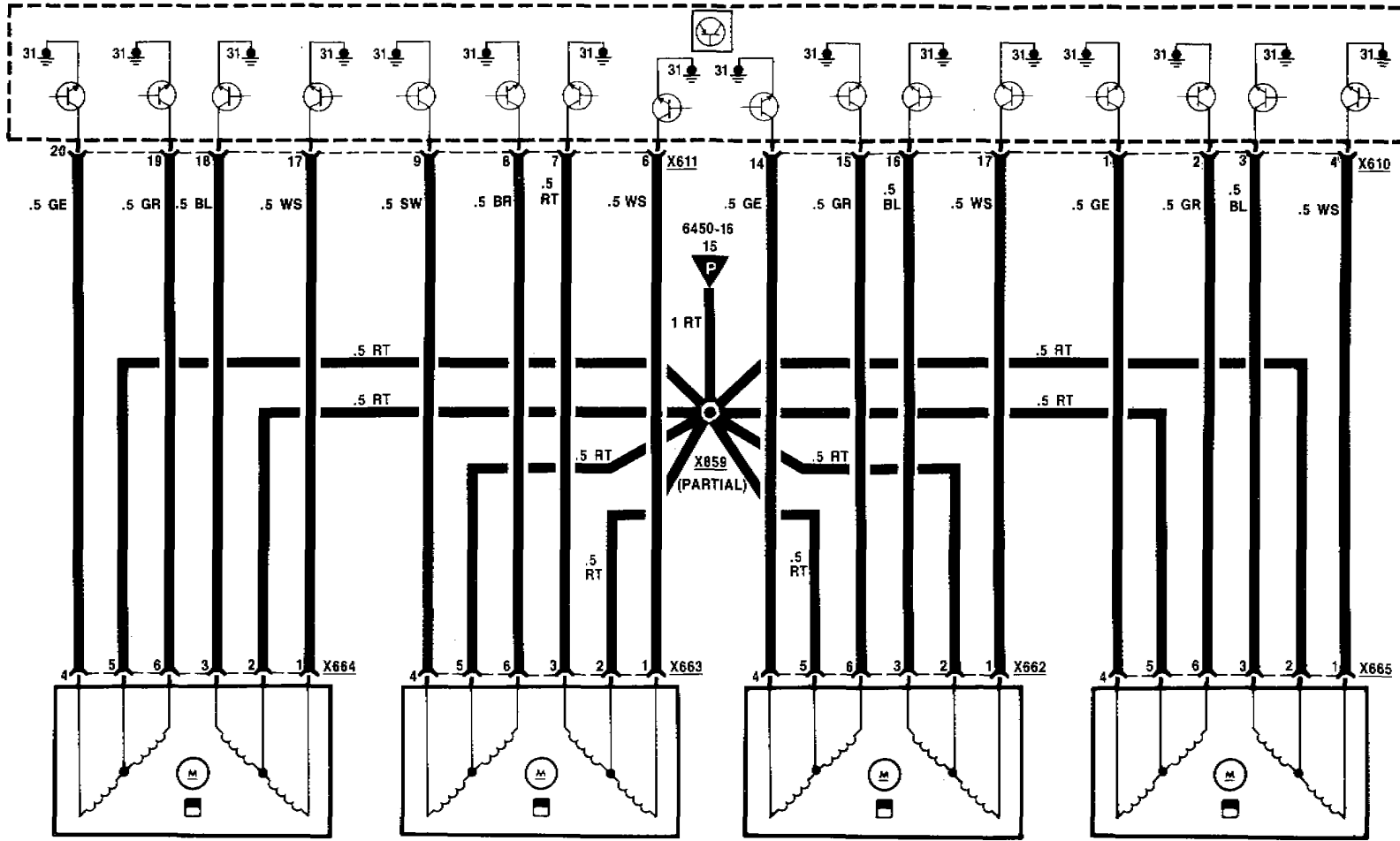
# AUTOMATIC CLIMATE CONTROL (IHKA) AIR DELIVERY



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



# AUTOMATIC CLIMATE CONTROL (IHKA) AIR DELIVERY



A11  
AUTOMATIC  
HEATING  
AND  
AIR CONDITIONING  
CONTROL UNIT  
(IHKA)

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

M35  
DEFROSTER  
FLAP  
MOTOR

M36  
FRESH  
AIR  
FLAP  
MOTOR

M40  
AIR  
CIRCULATION  
FLAP  
MOTOR

M41  
REAR  
COMPARTMENT  
FLAP  
MOTOR

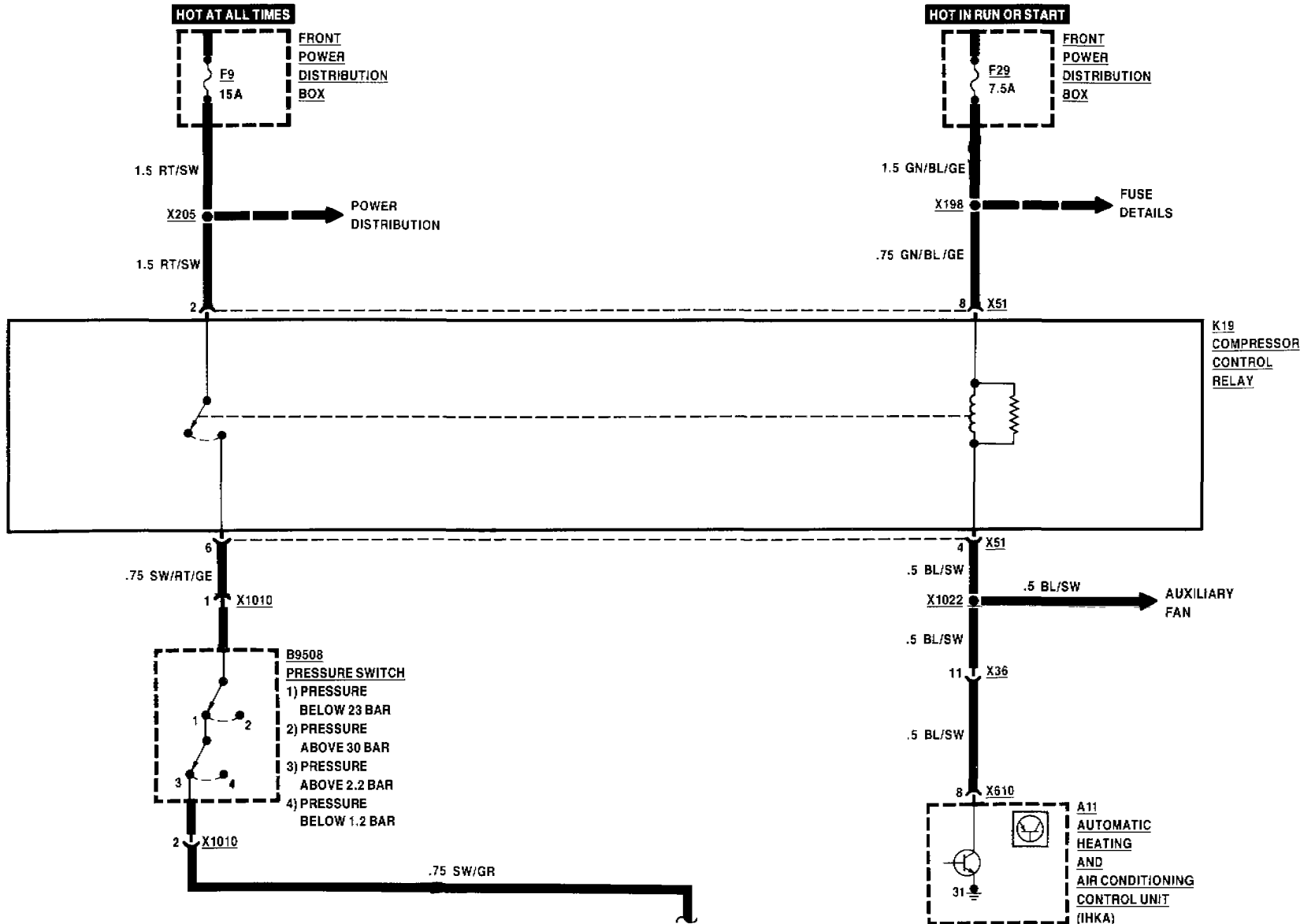
(NOT USED  
IN LATE  
PRODUCTION)

**FOR AUTOMATIC CLIMATE CONTROL (IHKA):  
COMPRESSOR CONTROLS,  
SEE PAGE 6450-20**



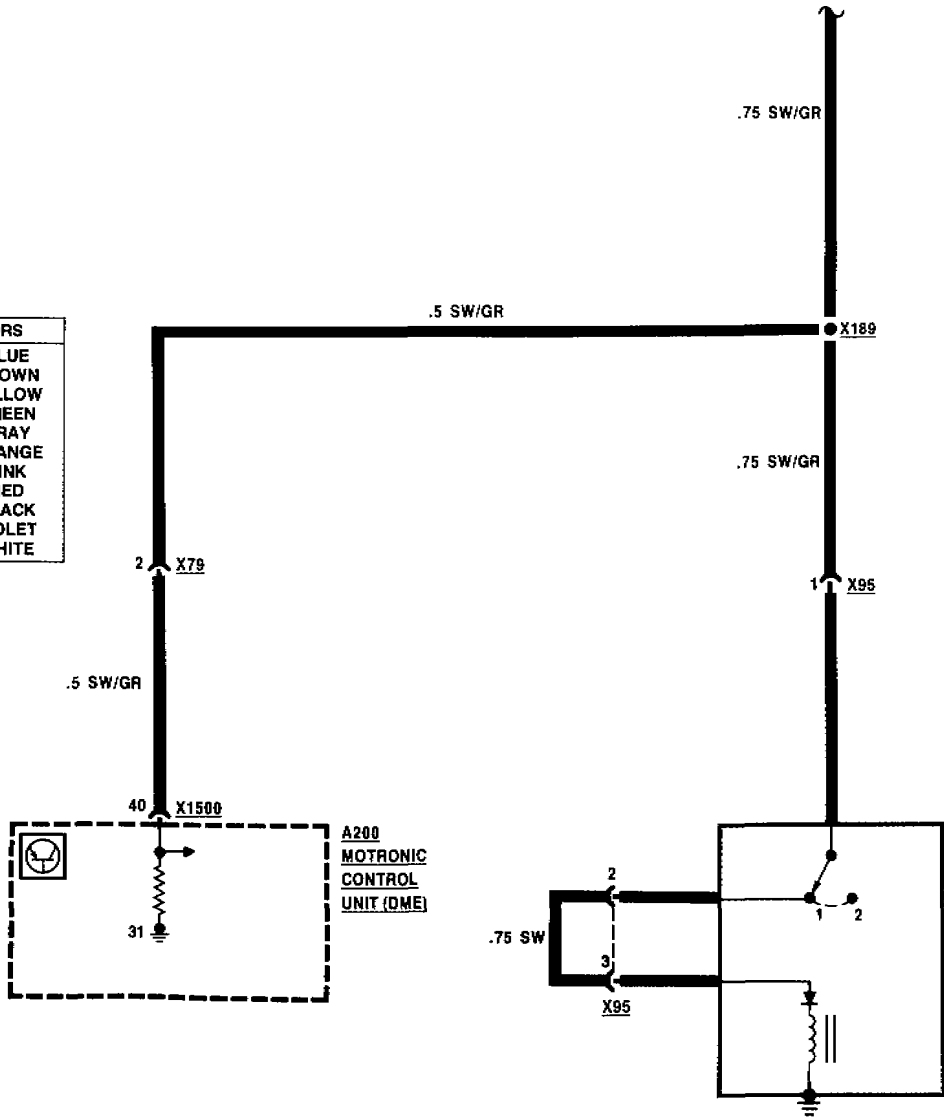
# AUTOMATIC CLIMATE CONTROL (IHKA) COMPRESSOR CONTROLS

735i, 735iL





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

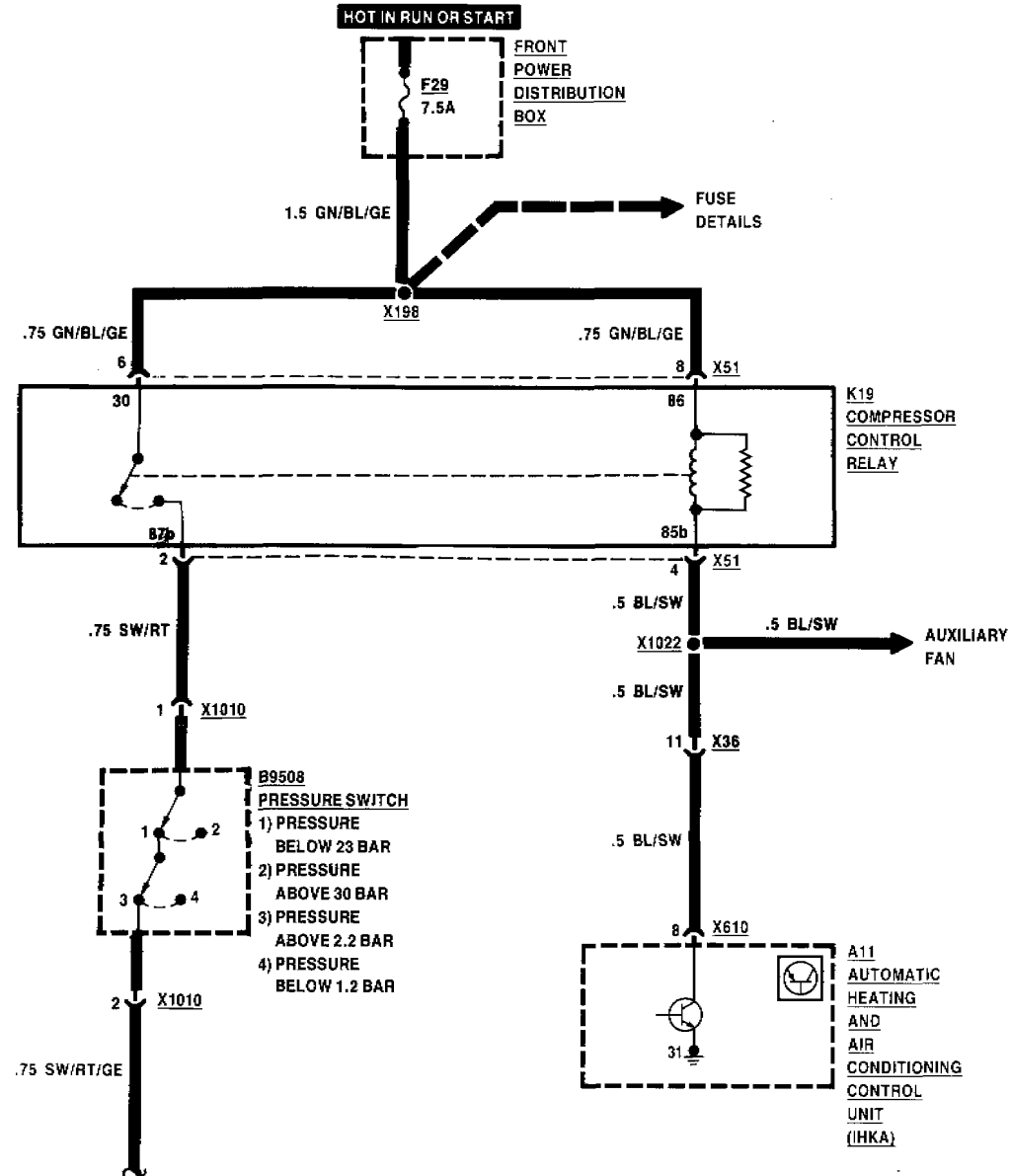


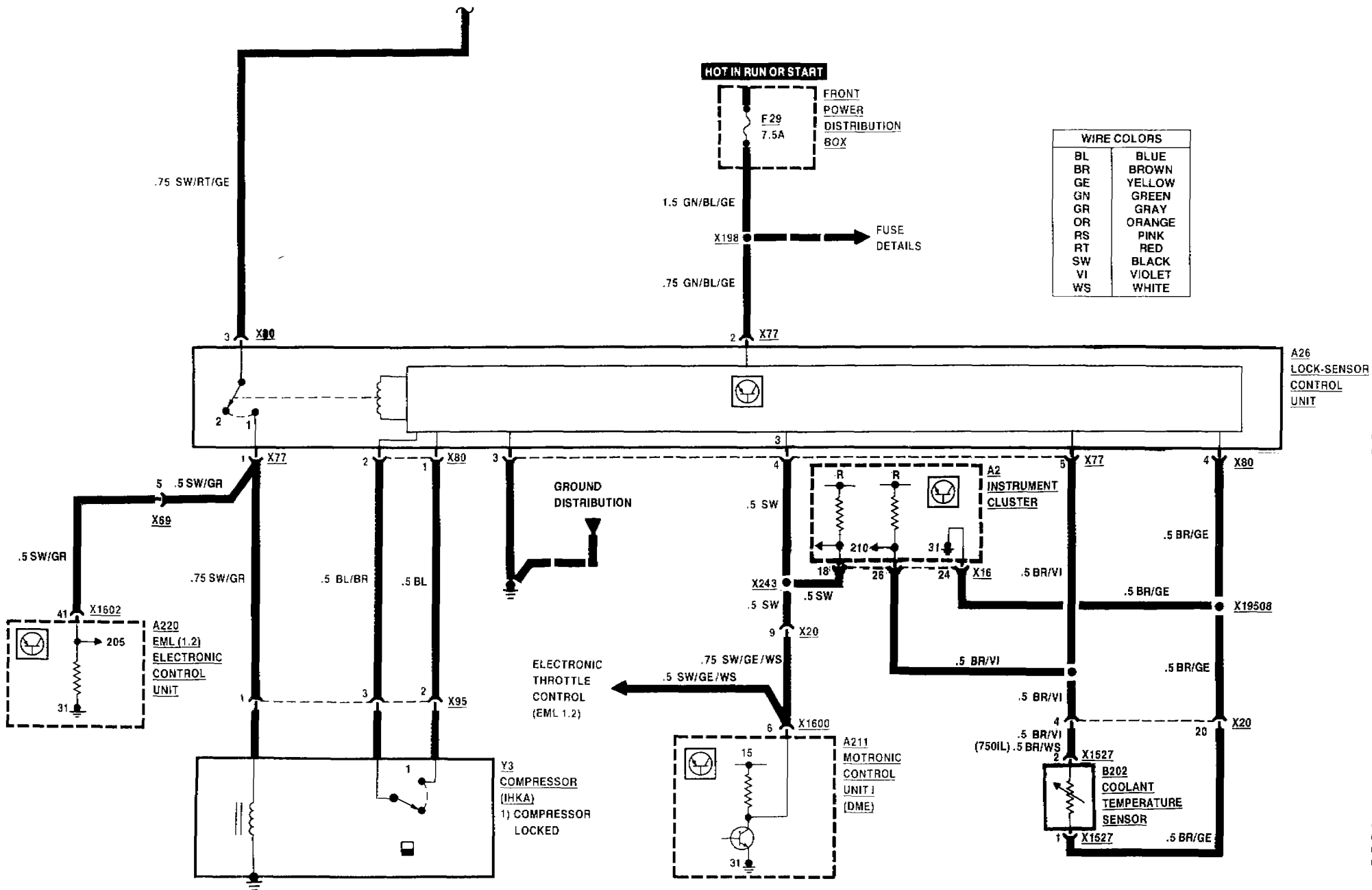
**Y2**  
**COMPRESSOR**  
**CLUTCH**  
**(HKA)**  
 1) NORMAL COMPRESSOR OIL  
 TEMPERATURE  
 2) HIGH COMPRESSOR OIL  
 TEMPERATURE



# AUTOMATIC CLIMATE CONTROL (IHKA) COMPRESSOR CONTROL

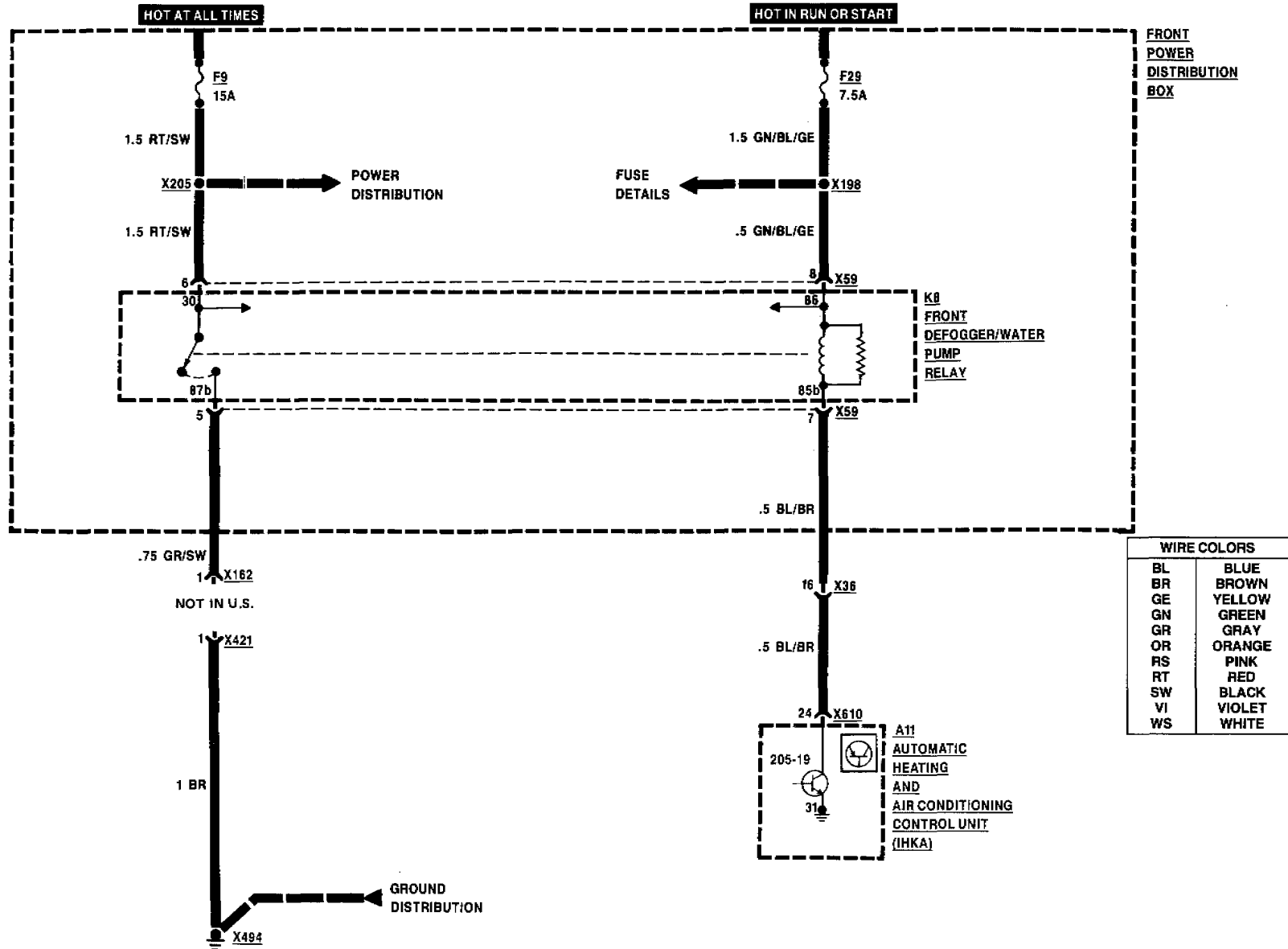
750iL





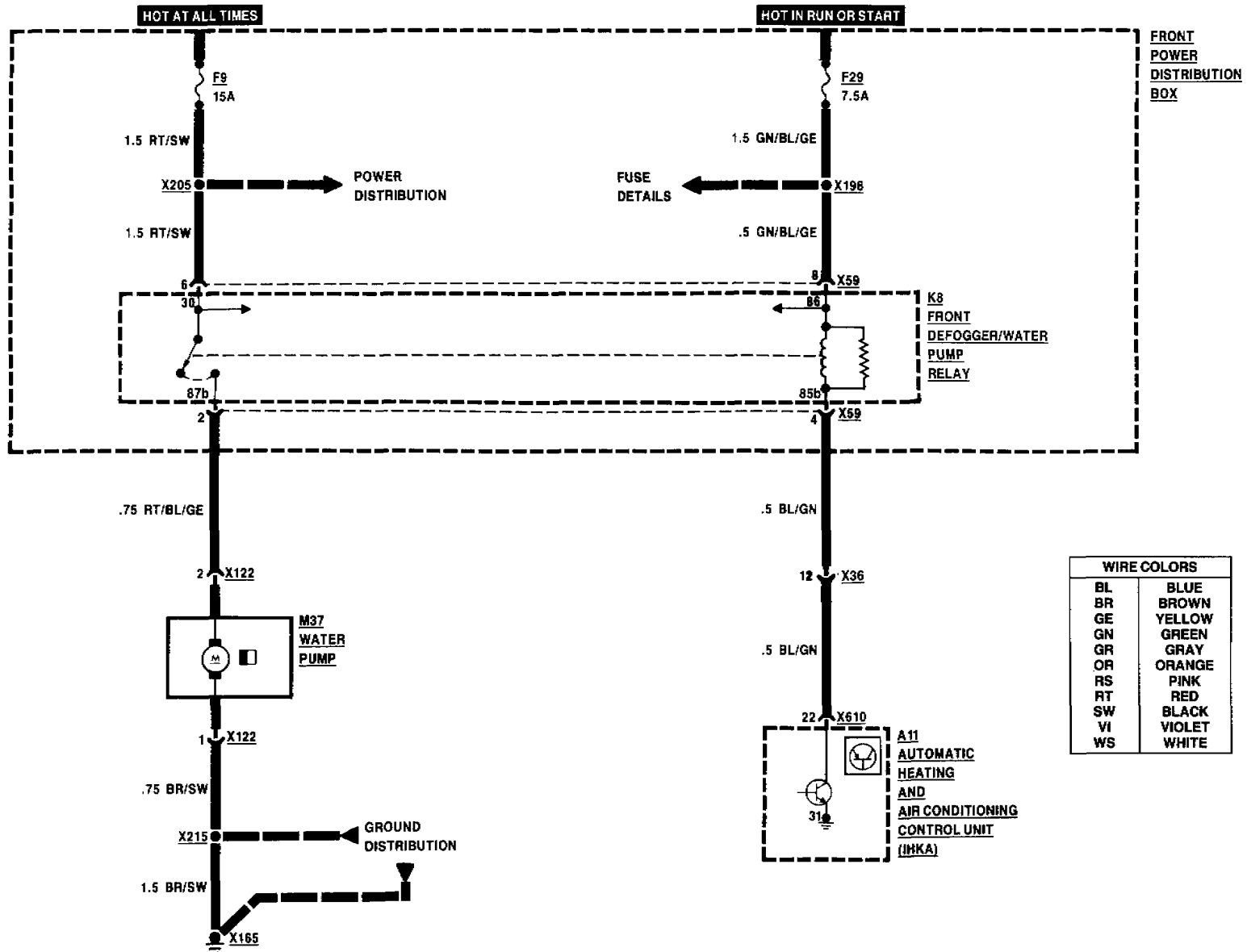


# AUTOMATIC CLIMATE CONTROL (IHKA) FRONT WINDOW DEFOGGER





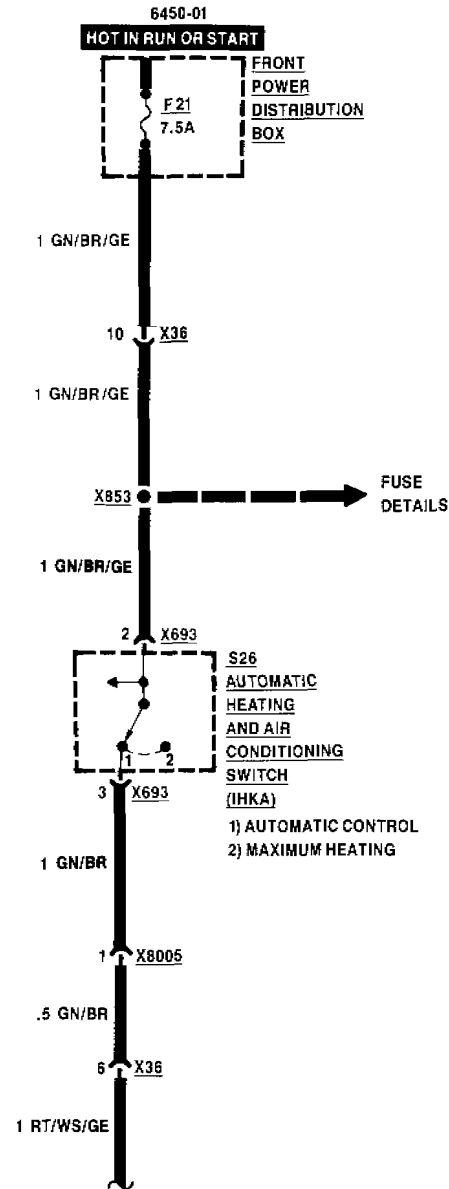
# AUTOMATIC CLIMATE CONTROL (IHKA) AUXILIARY WATER PUMP



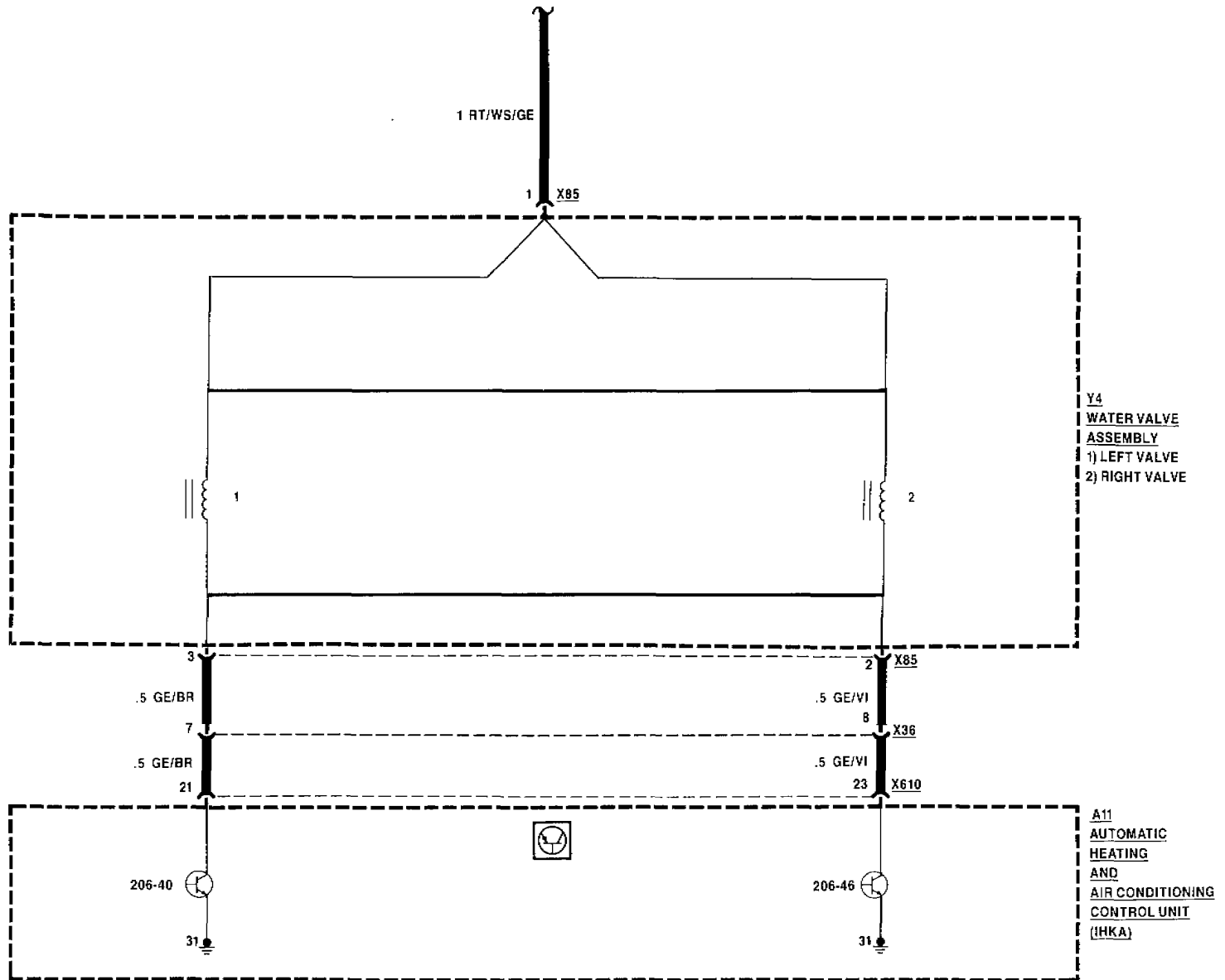


# AUTOMATIC CLIMATE CONTROL (IHKA)

## WATER VALVES



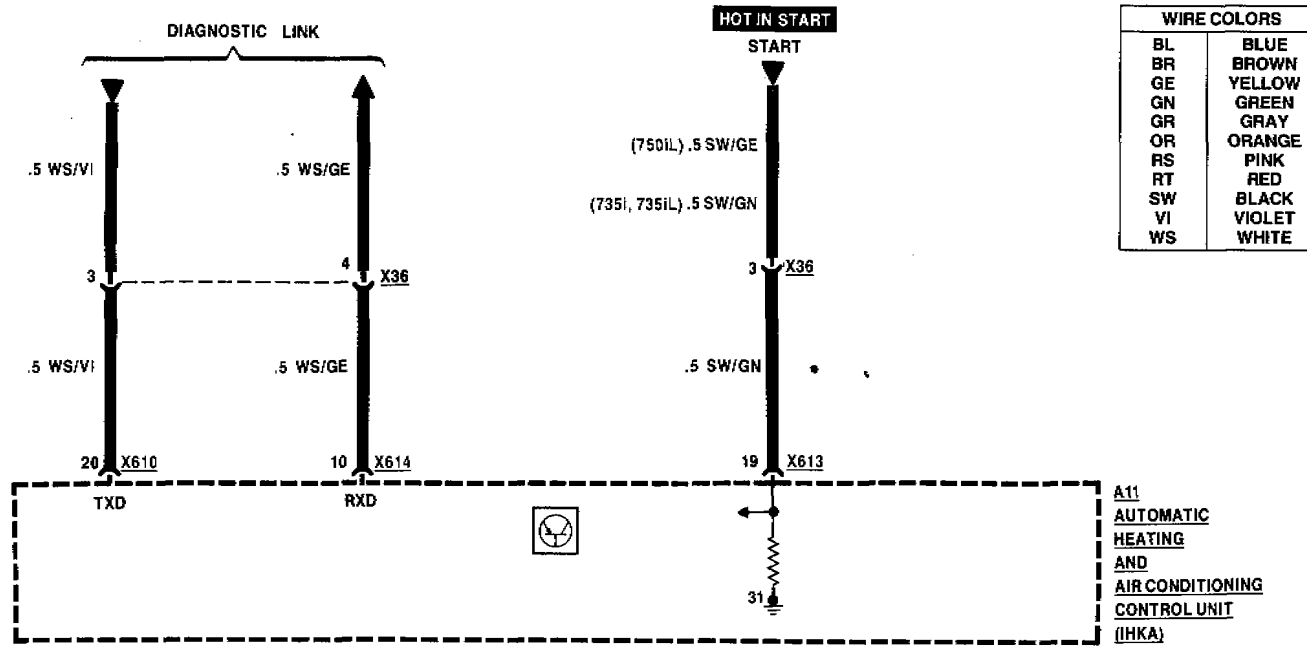
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# AUTOMATIC CLIMATE CONTROL (IHKA)

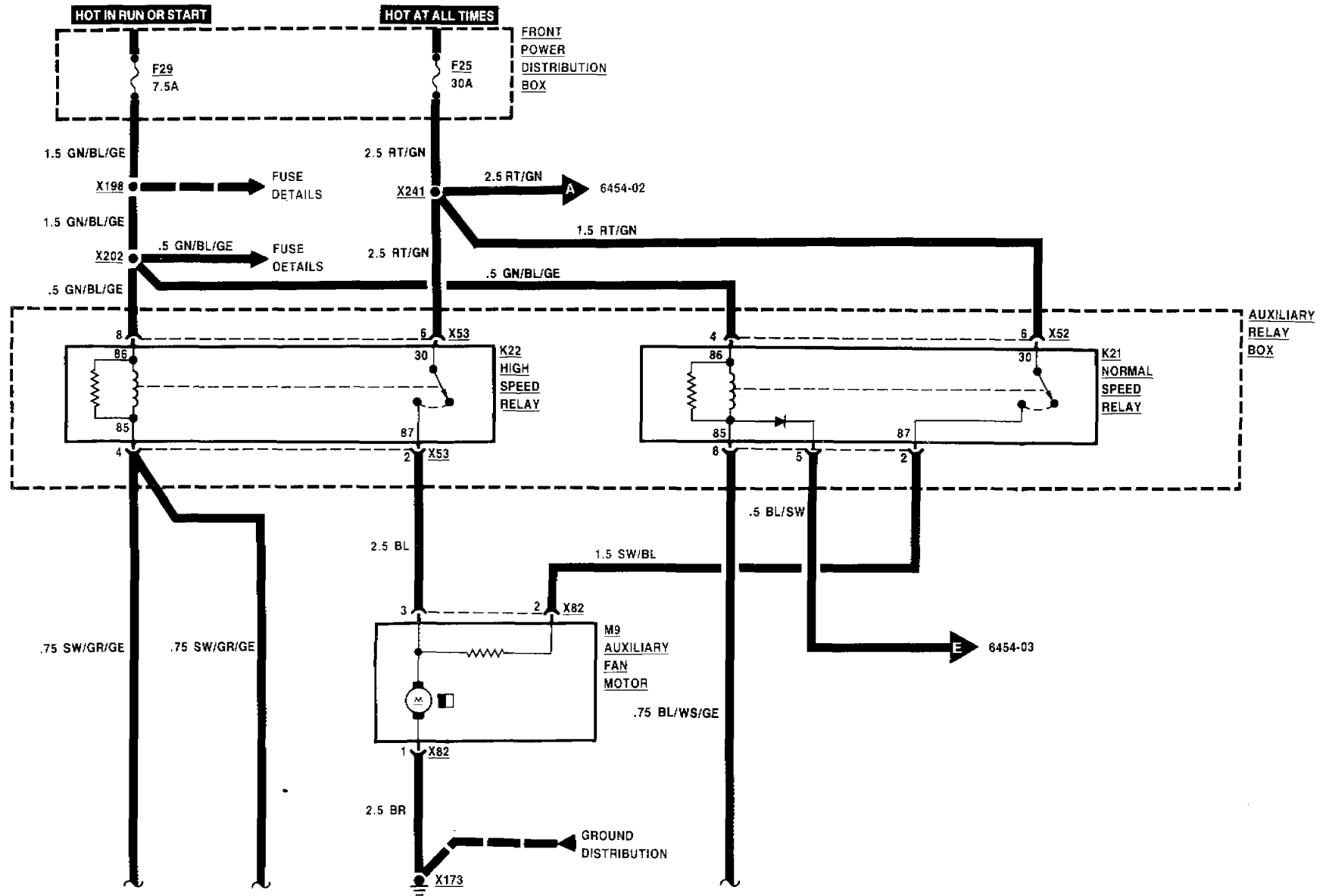
## DIAGNOSTIC LINK AND STARTER INPUT

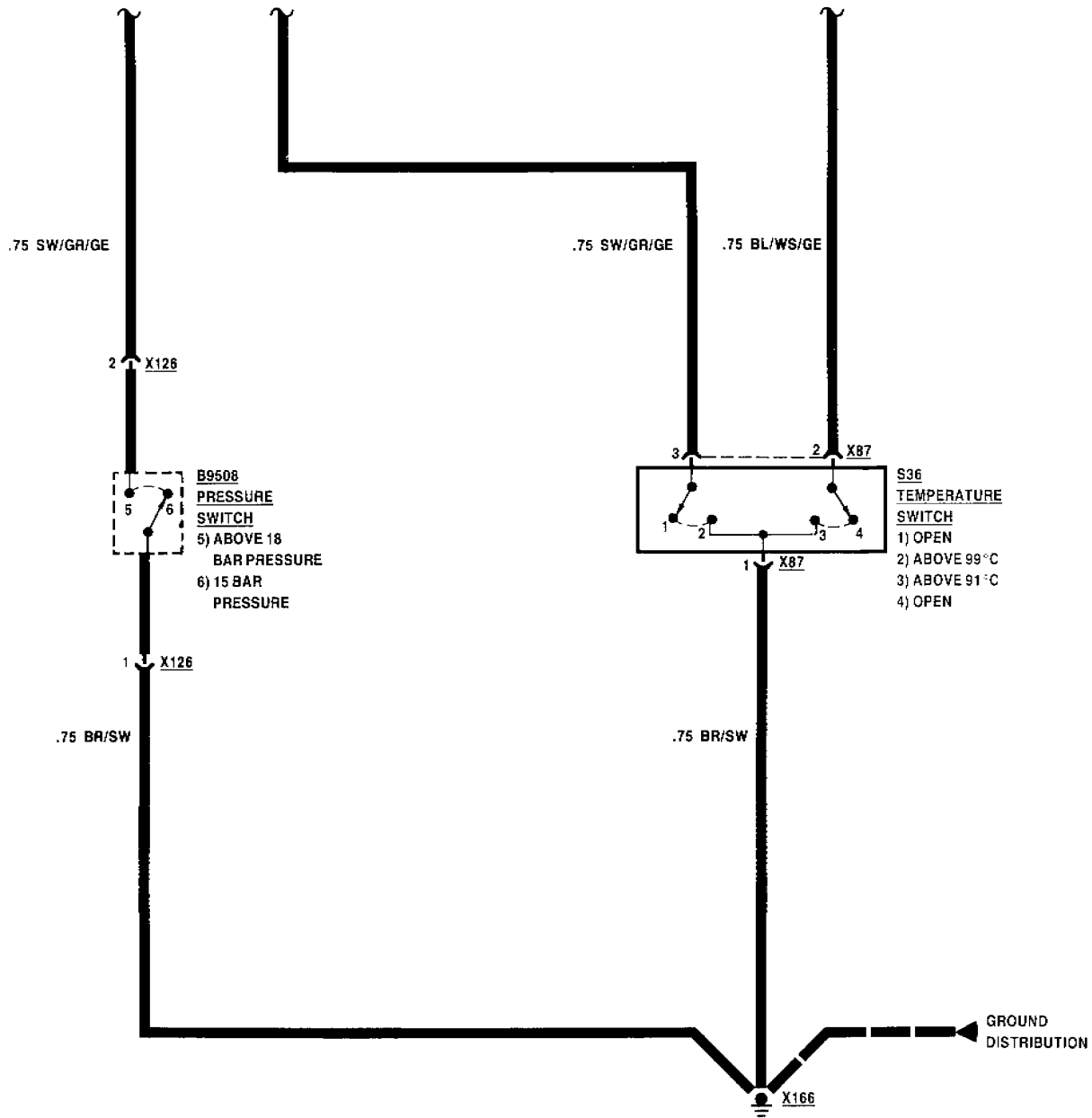






# AUXILIARY FAN

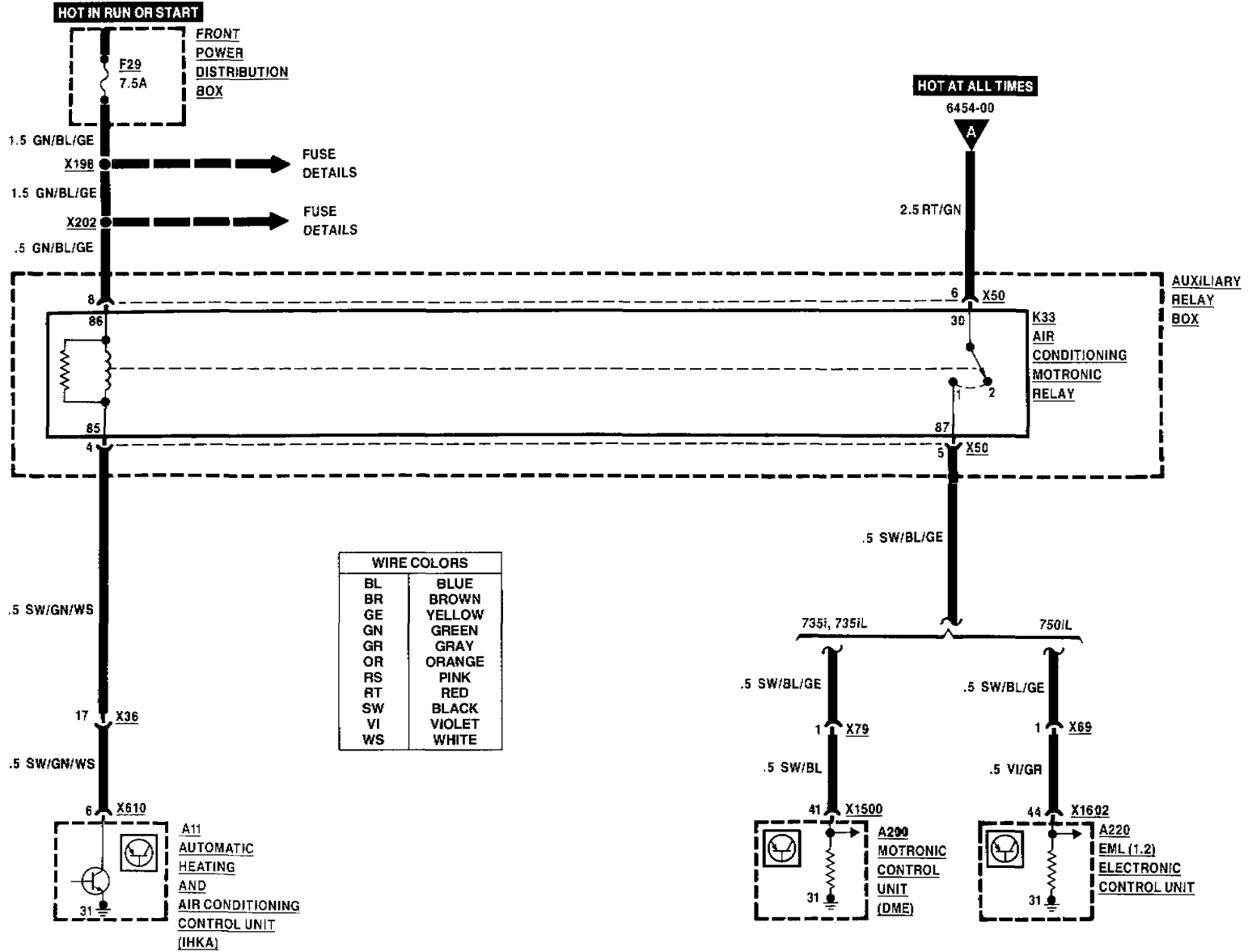




WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

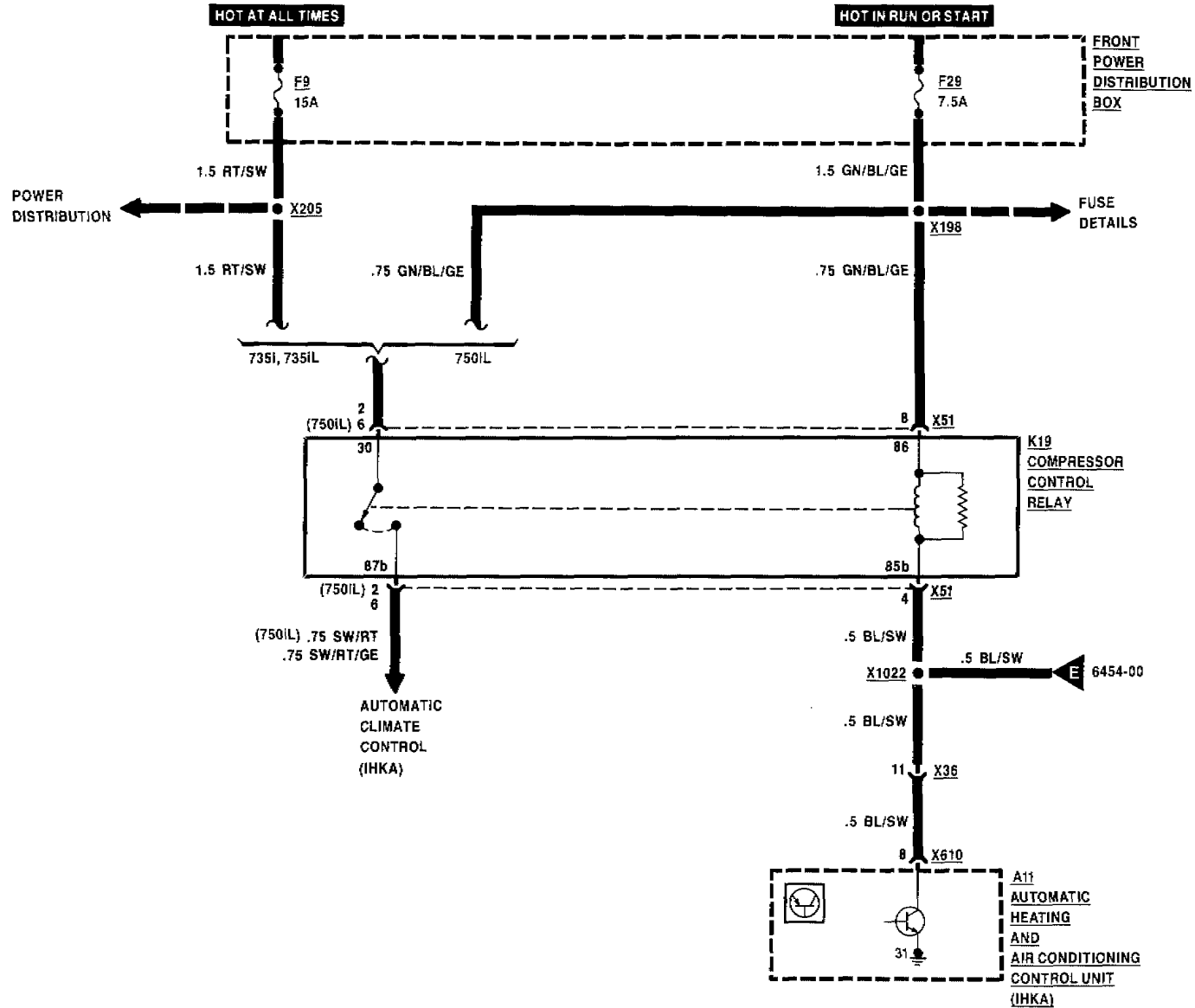


# AUXILIARY FAN





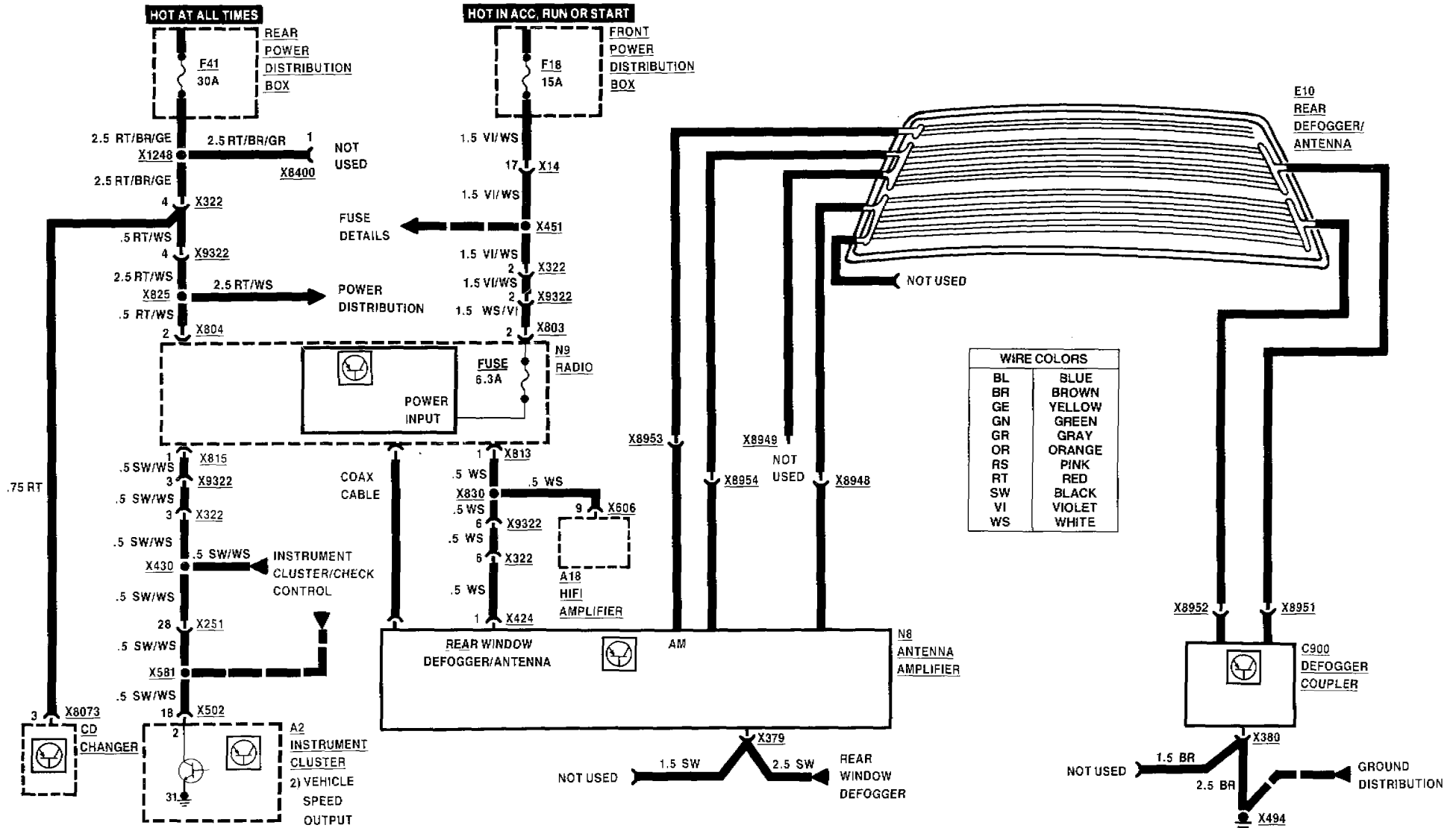
# AUXILIARY FAN





# RADIO/CD PLAYER (PROVISIONS)

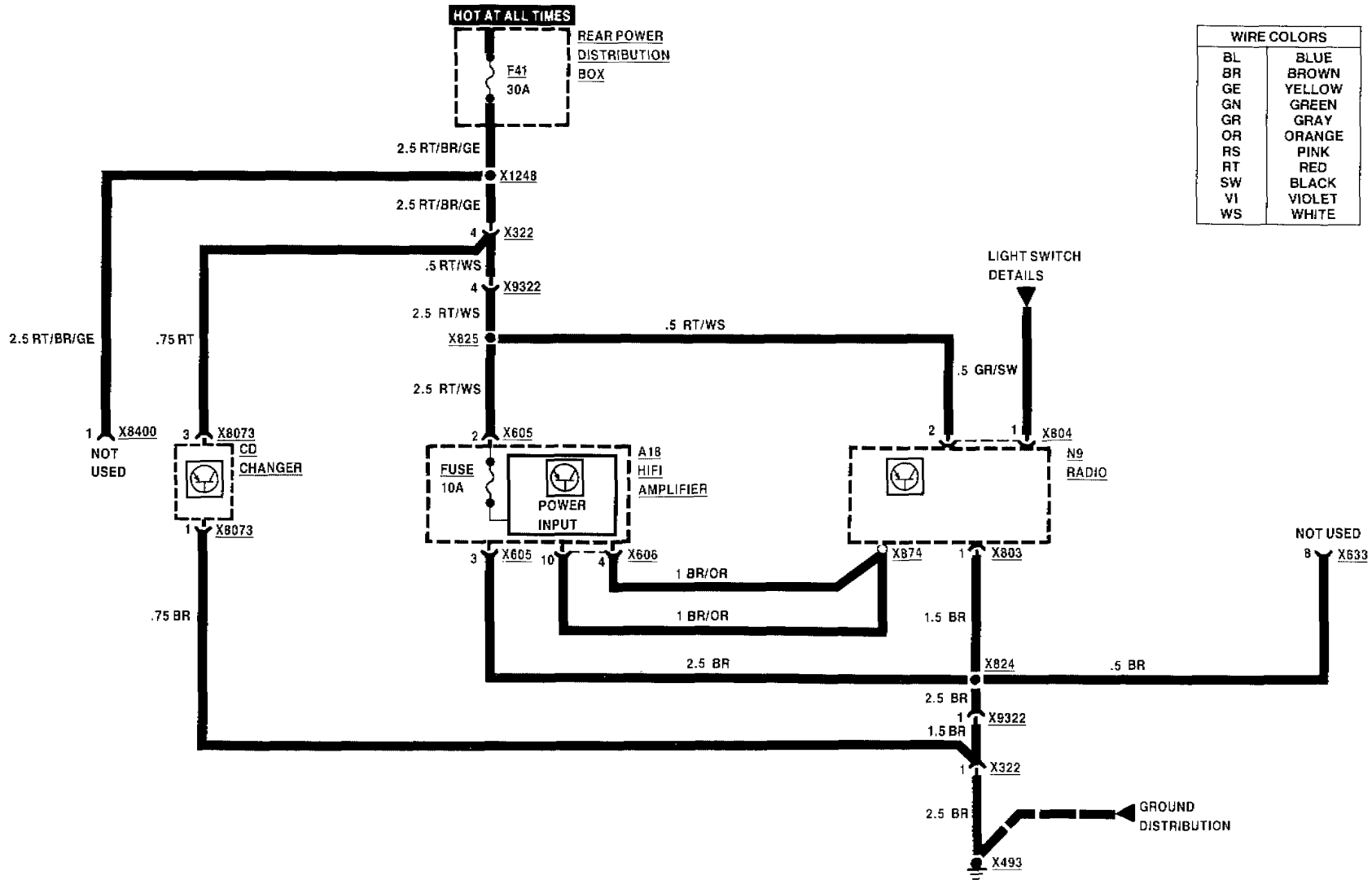
## RADIO/HIFI, TEN SPEAKER SYSTEM





# RADIO/CD PLAYER (PROVISIONS)

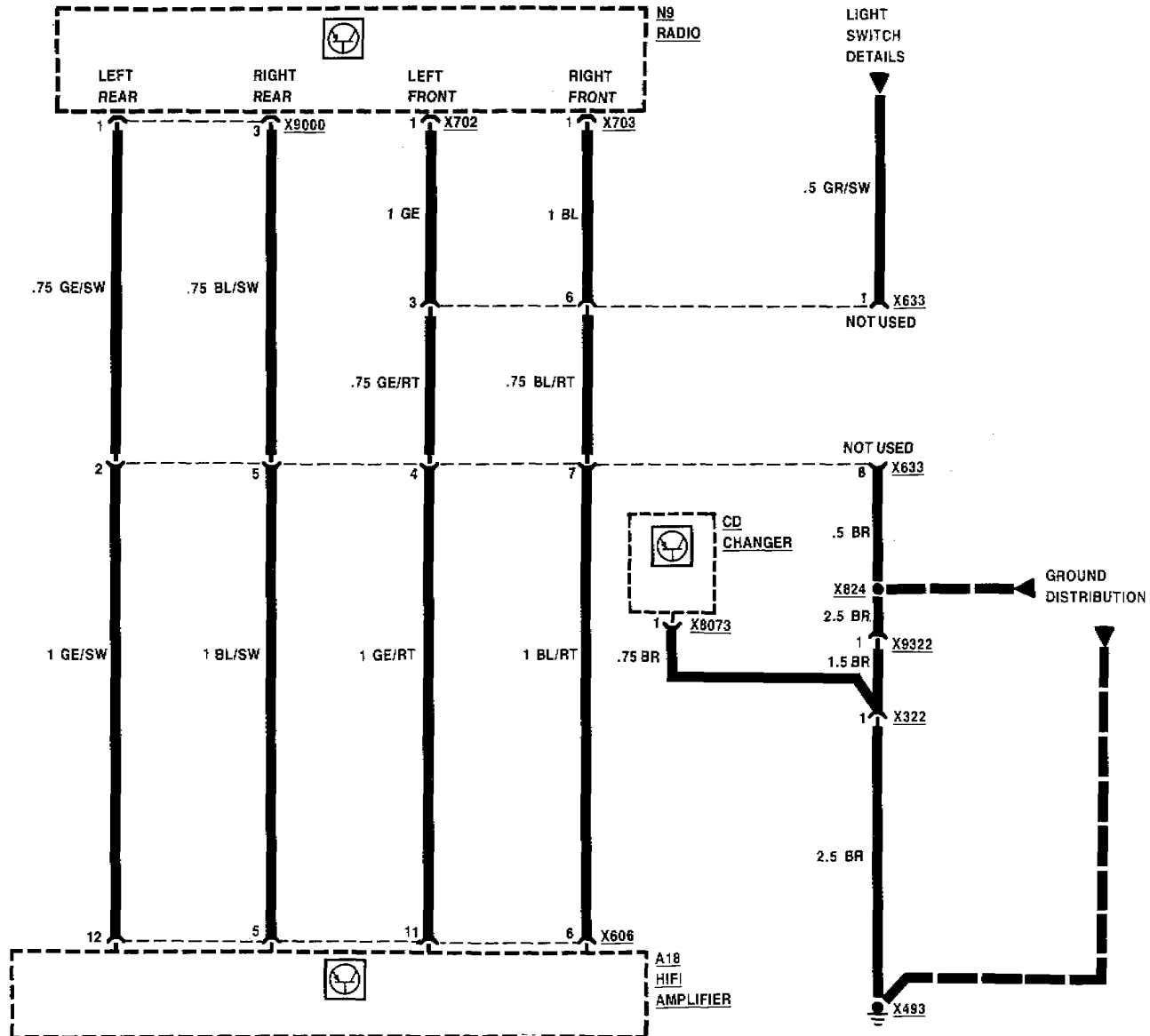
## RADIO/HIFI, TEN SPEAKER SYSTEM





# RADIO/CD PLAYER (PROVISIONS)

## RADIO/HIFI, TEN SPEAKER SYSTEM

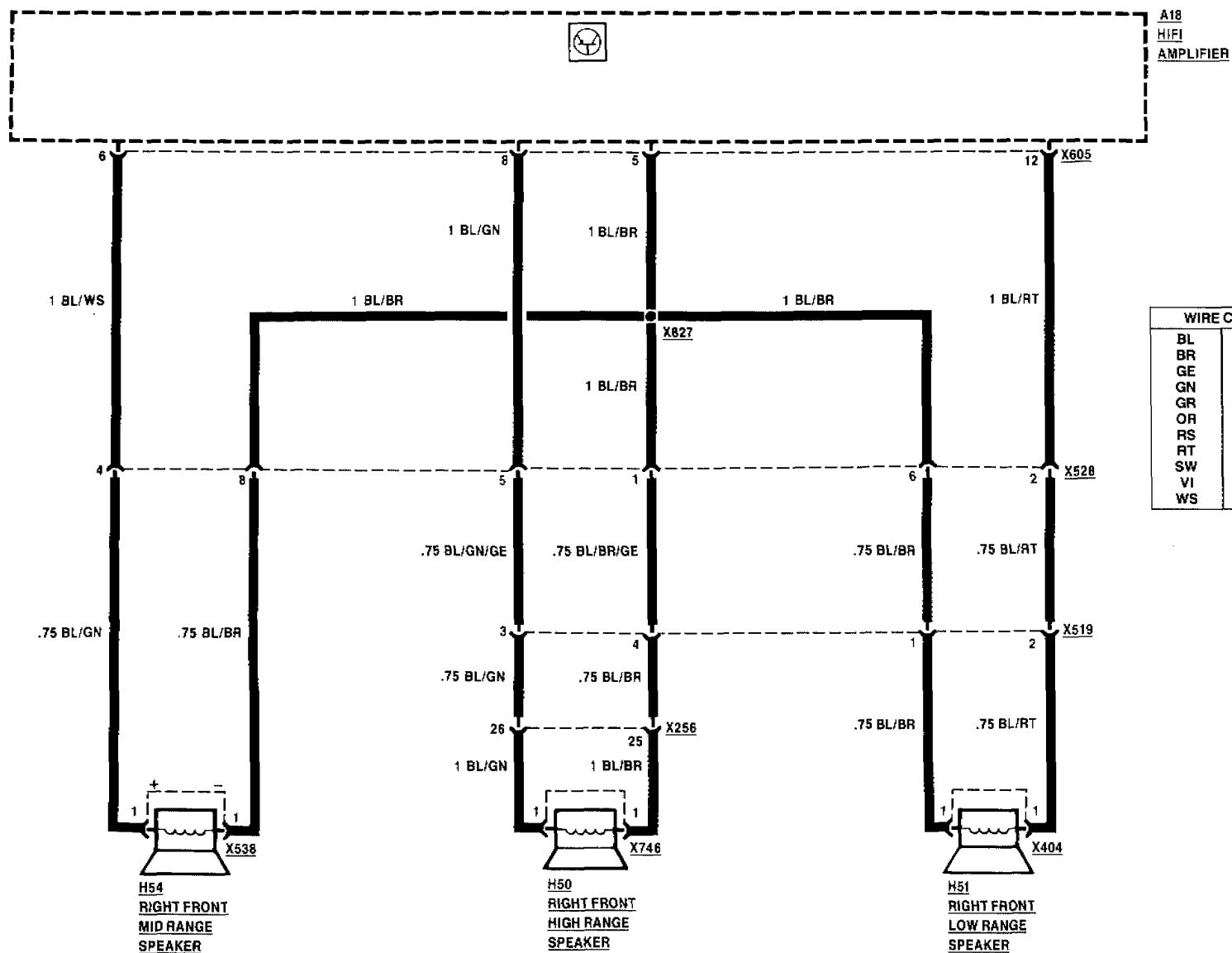


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# RADIO/CD PLAYER (PROVISIONS)

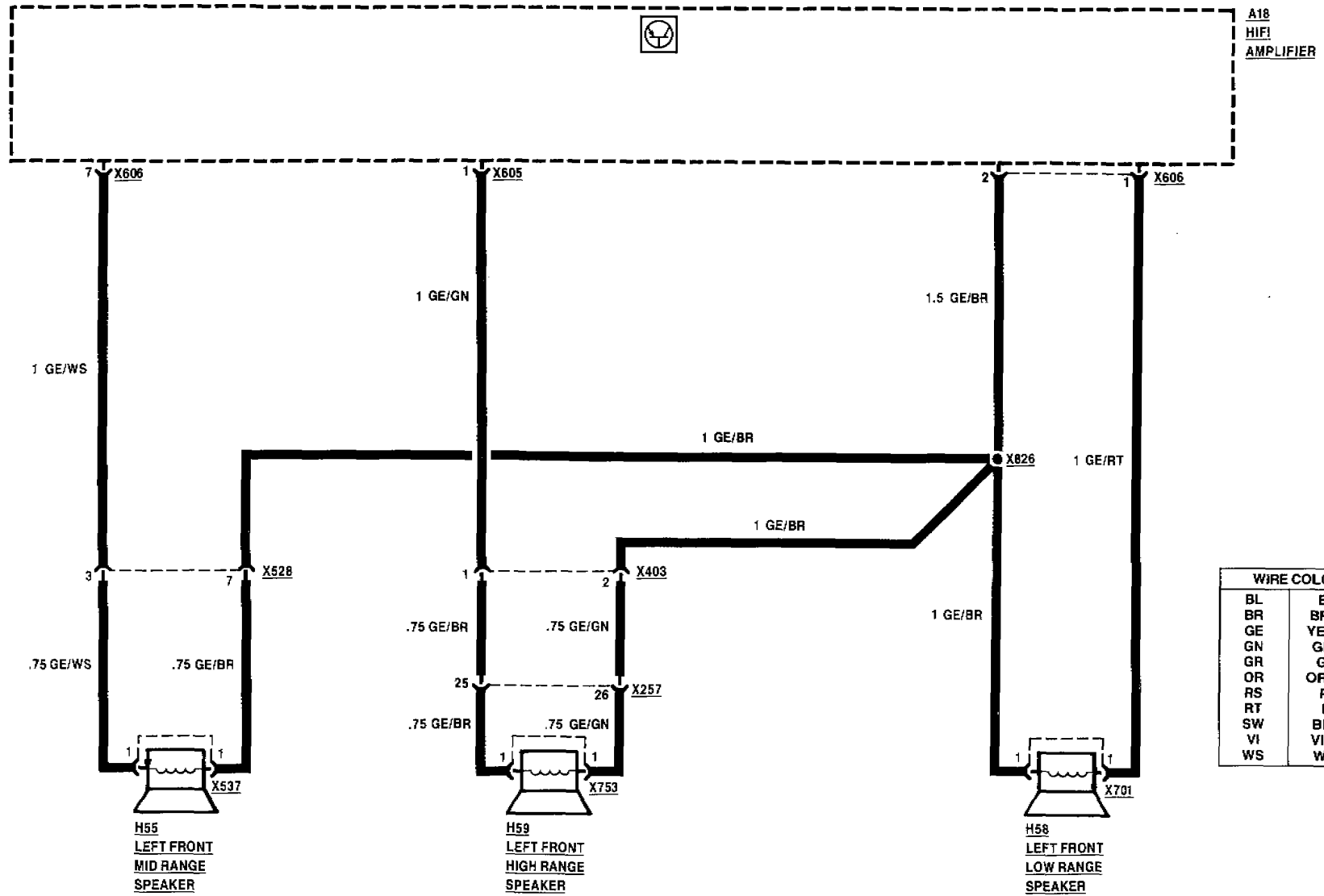
## TEN SPEAKER SYSTEM







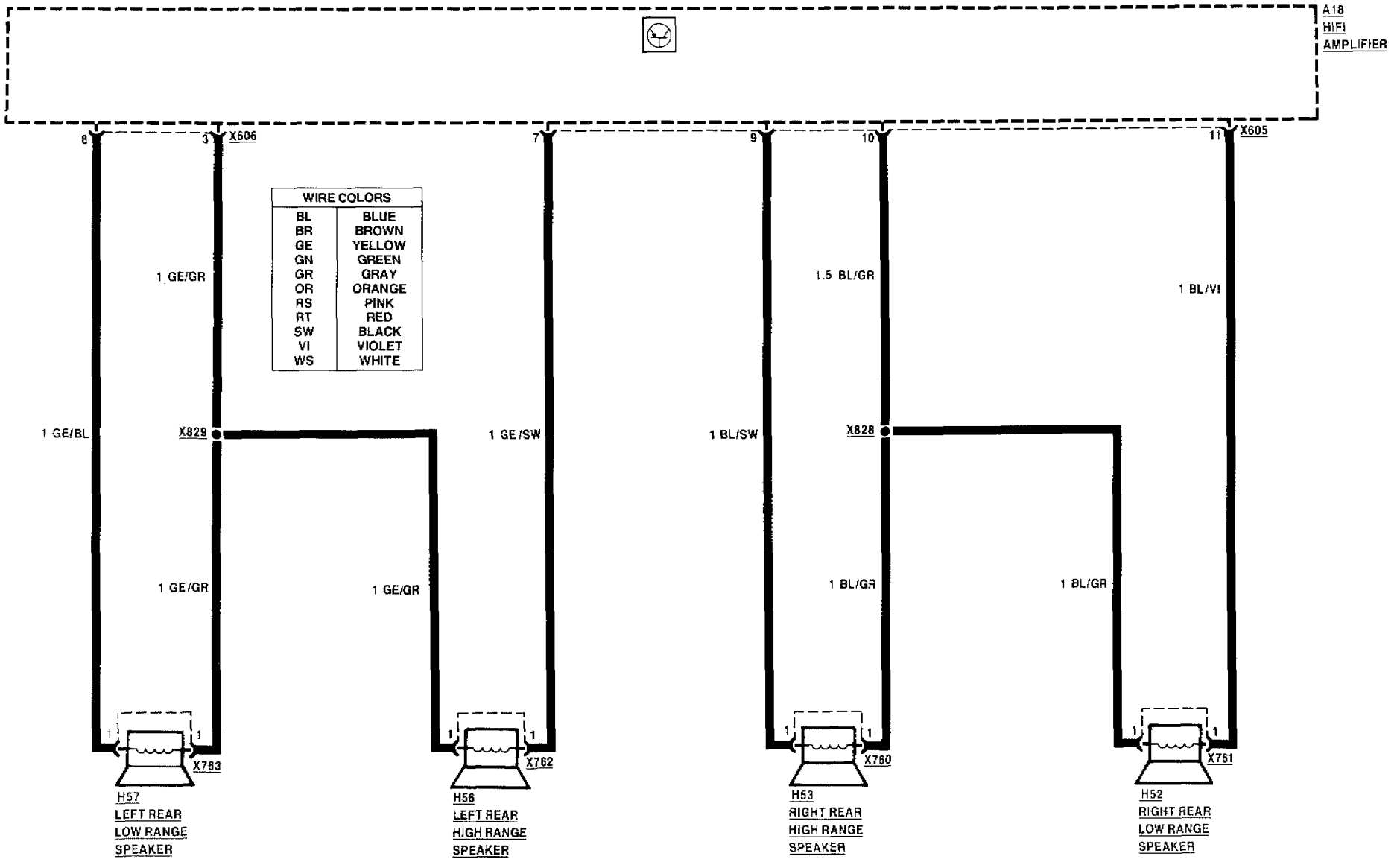
# RADIO/CD PLAYER (PROVISIONS) TEN SPEAKER SYSTEM





# RADIO/CD PLAYER (PROVISIONS)

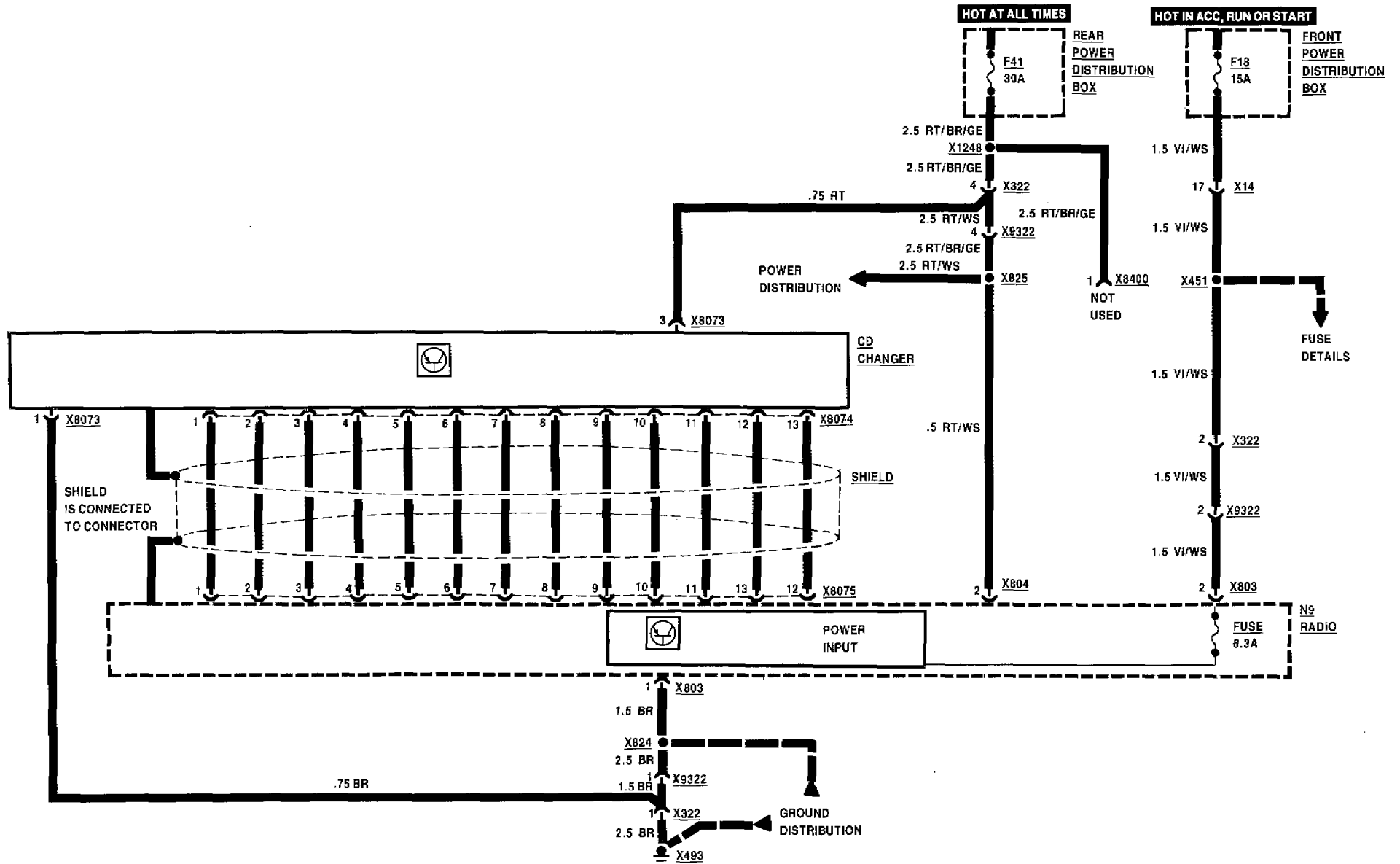
## TEN SPEAKER SYSTEM





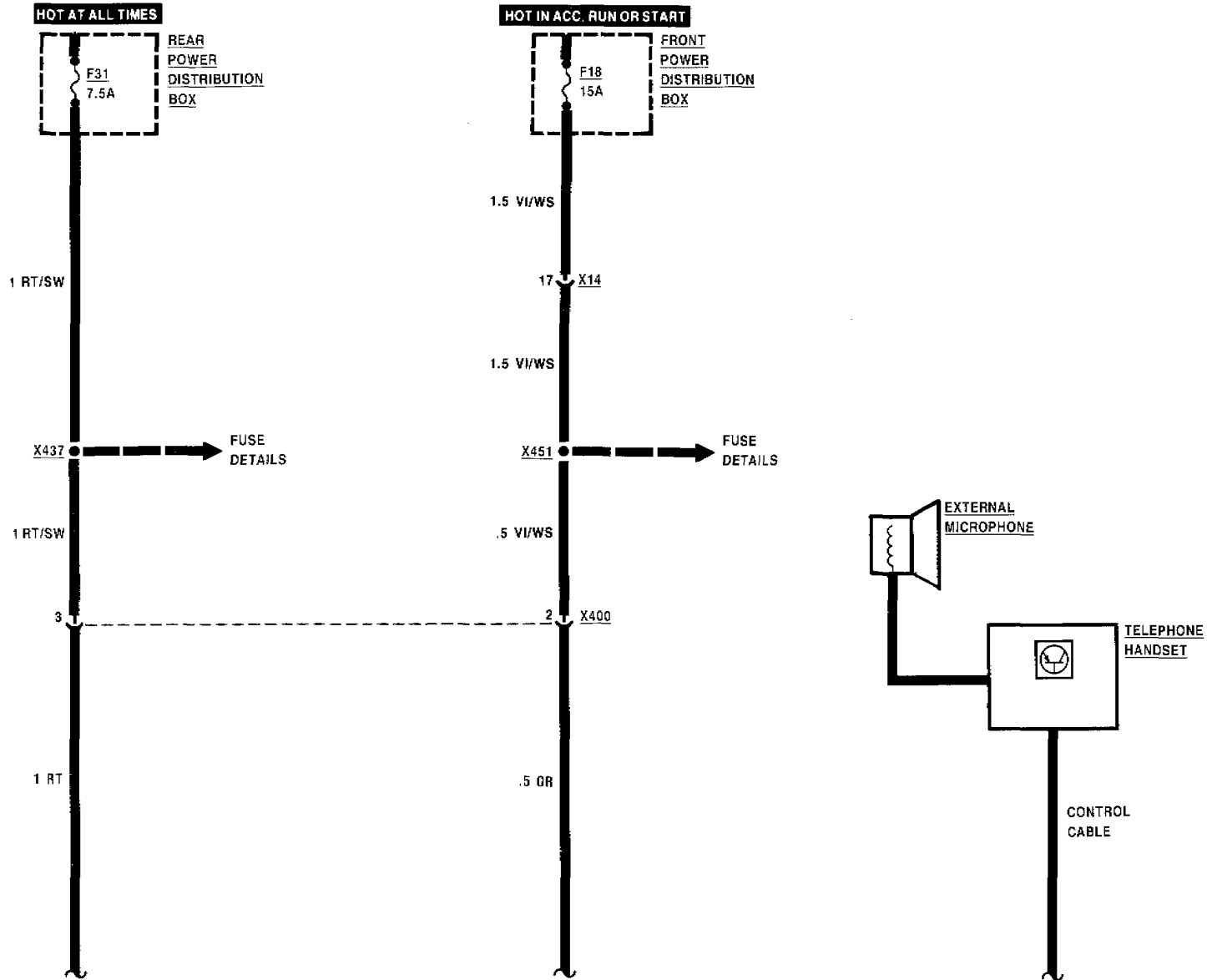
# RADIO/CD PLAYER (PROVISIONS)

## CD CHANGER IF EQUIPPED



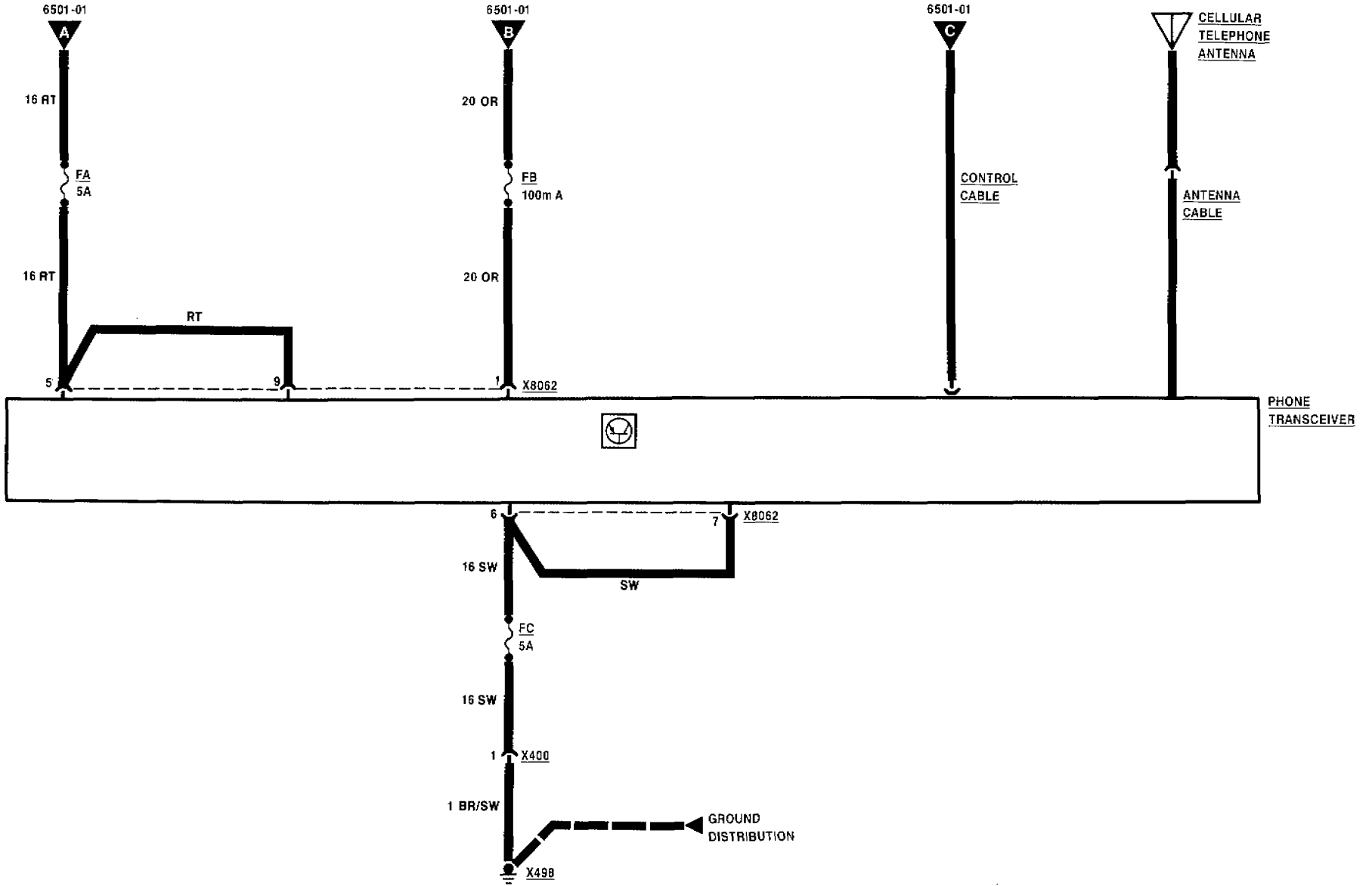


# CELLULAR TELEPHONE (PROVISIONS)



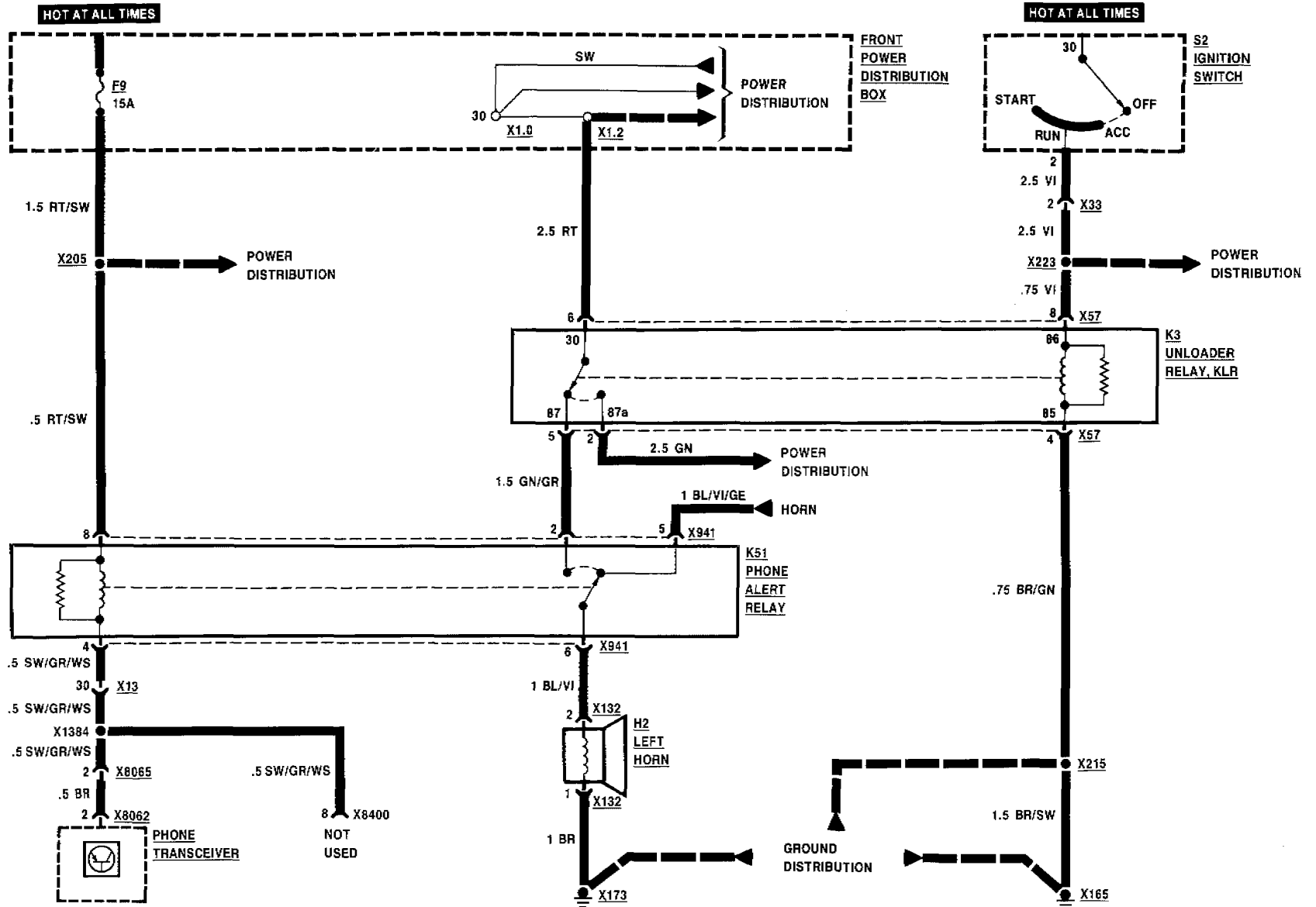
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

# CELLULAR TELEPHONE (PROVISIONS)





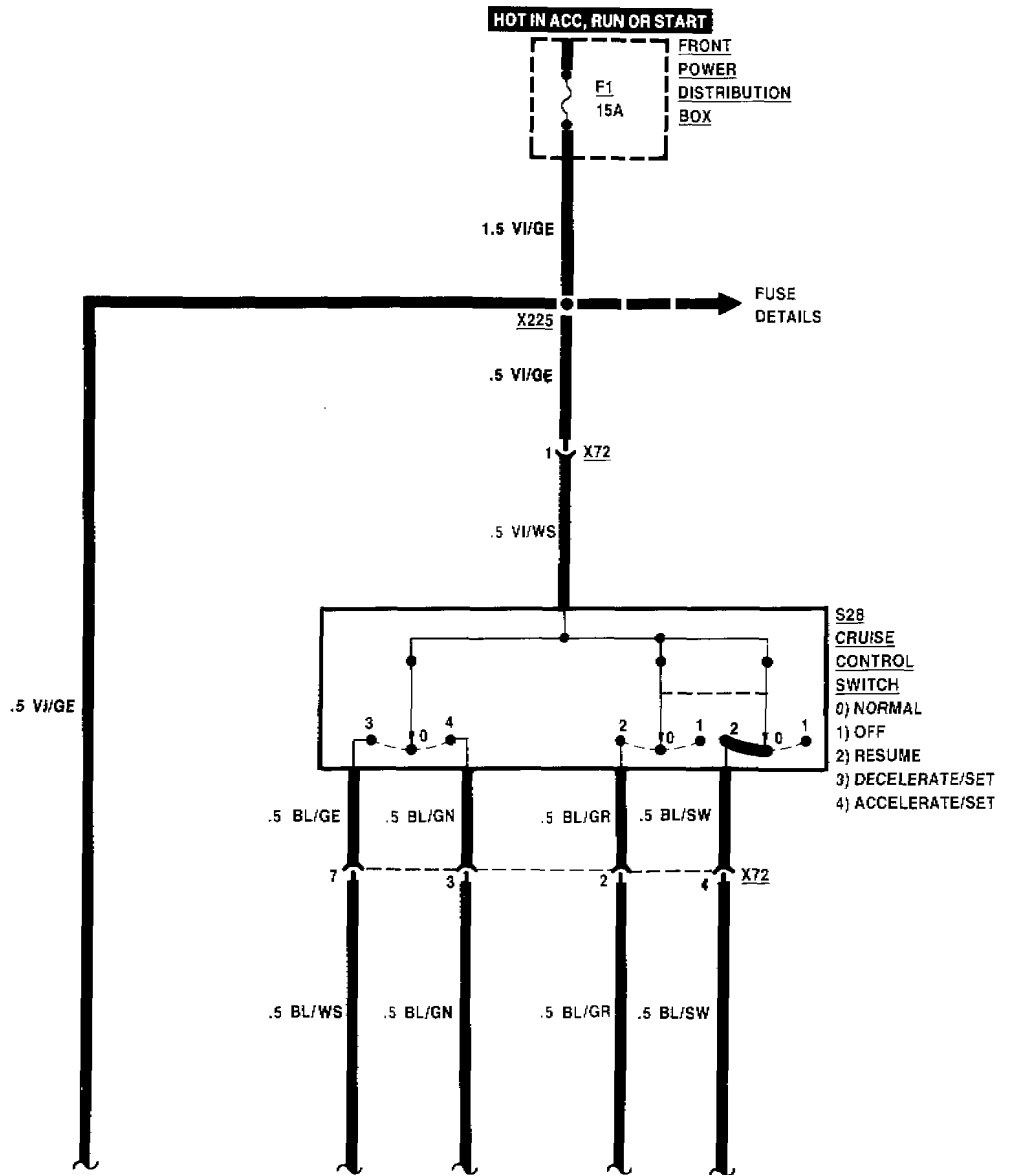
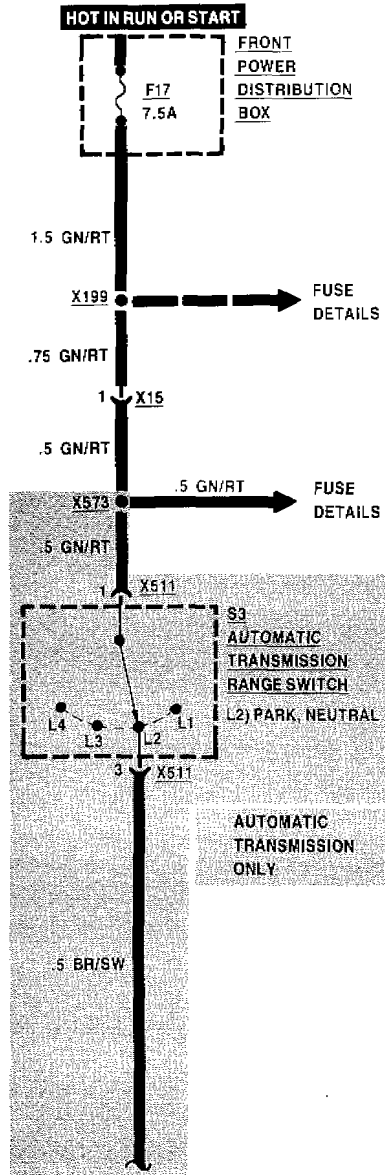
# CELLULAR TELEPHONE (PROVISIONS) PHONE ALERT

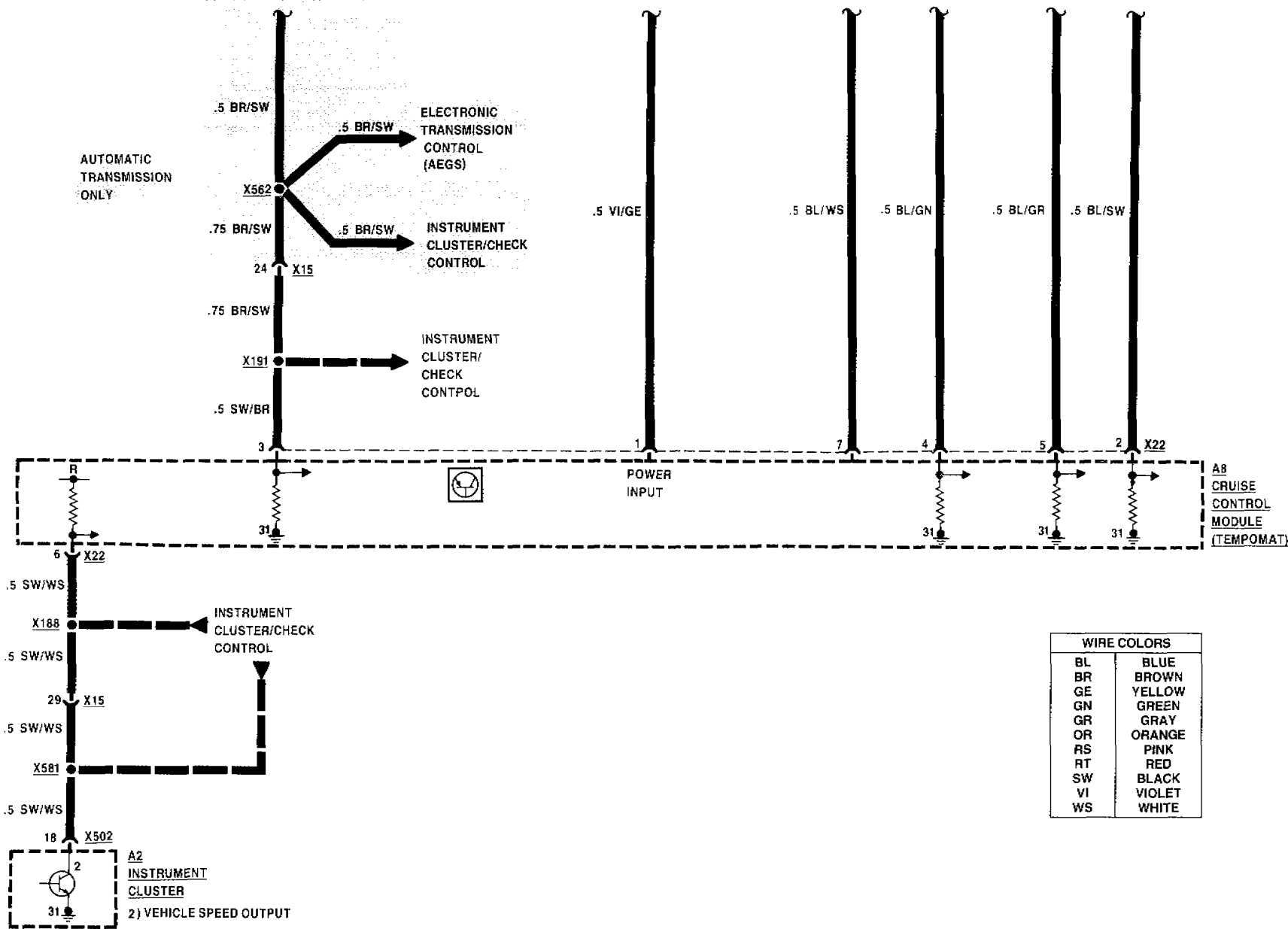




# CRUISE CONTROL (TEMPOMAT)

## 735i, 735iL



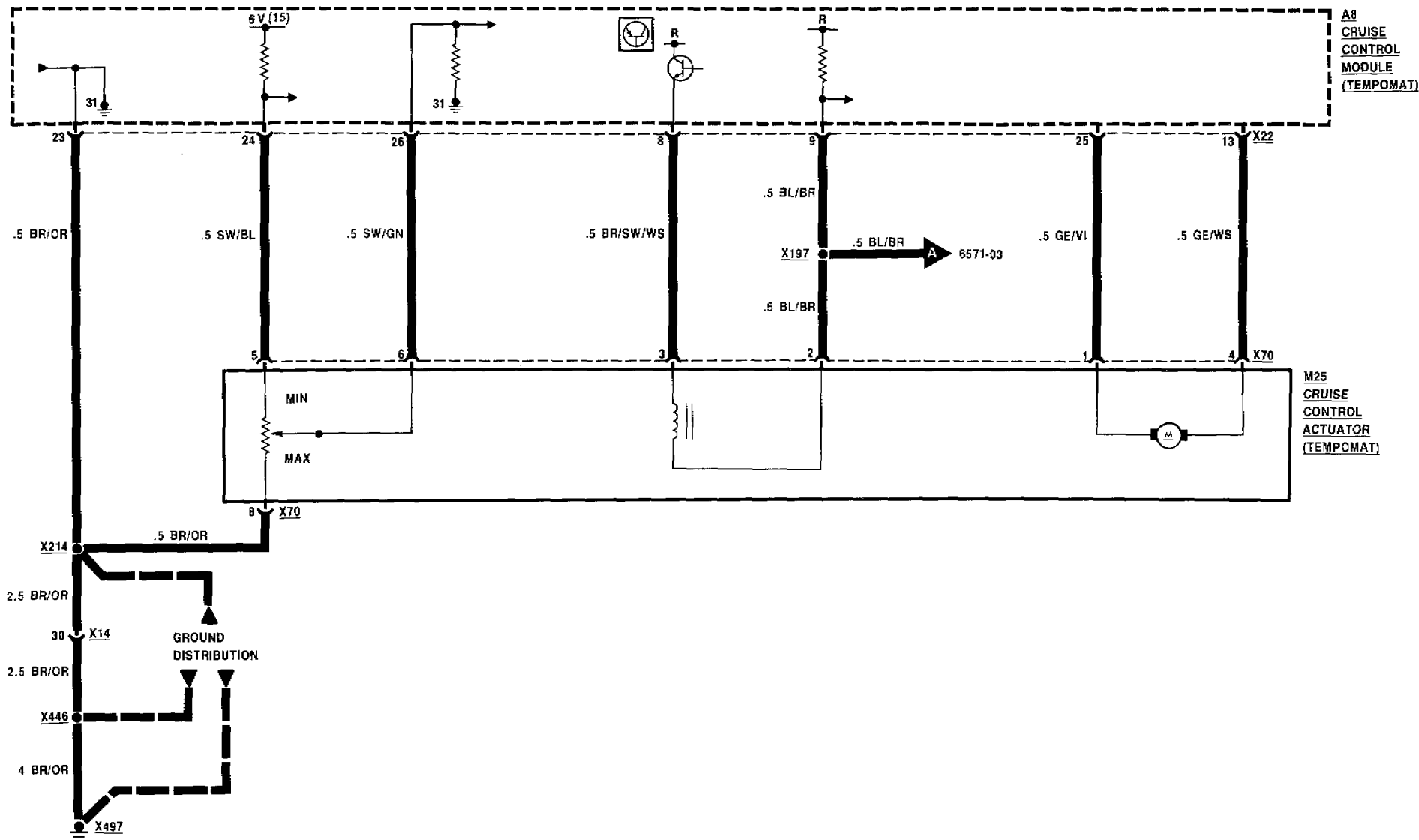






# CRUISE CONTROL (TEMPOMAT)

735i, 735iL



09/89

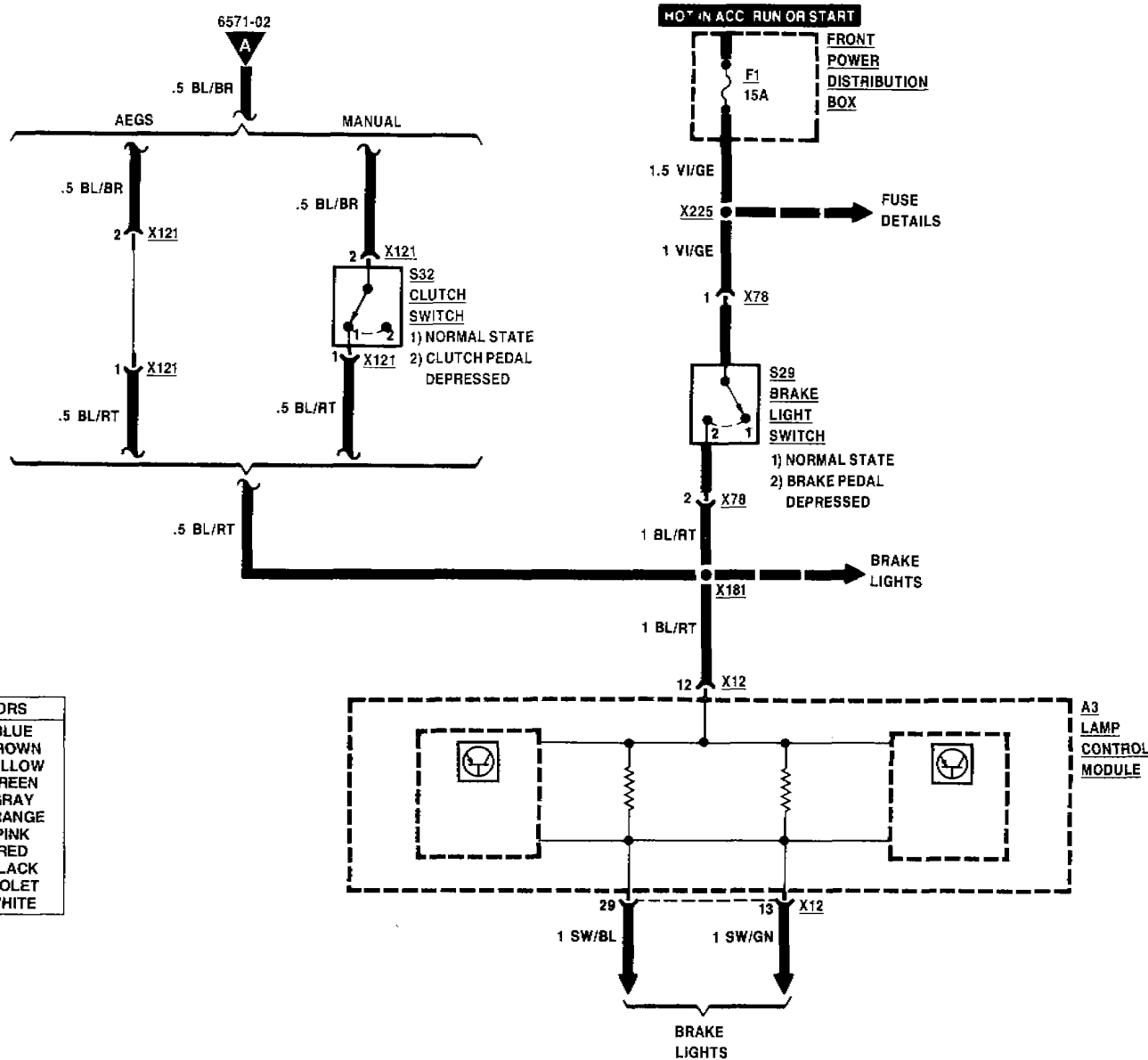
6571-02

1990



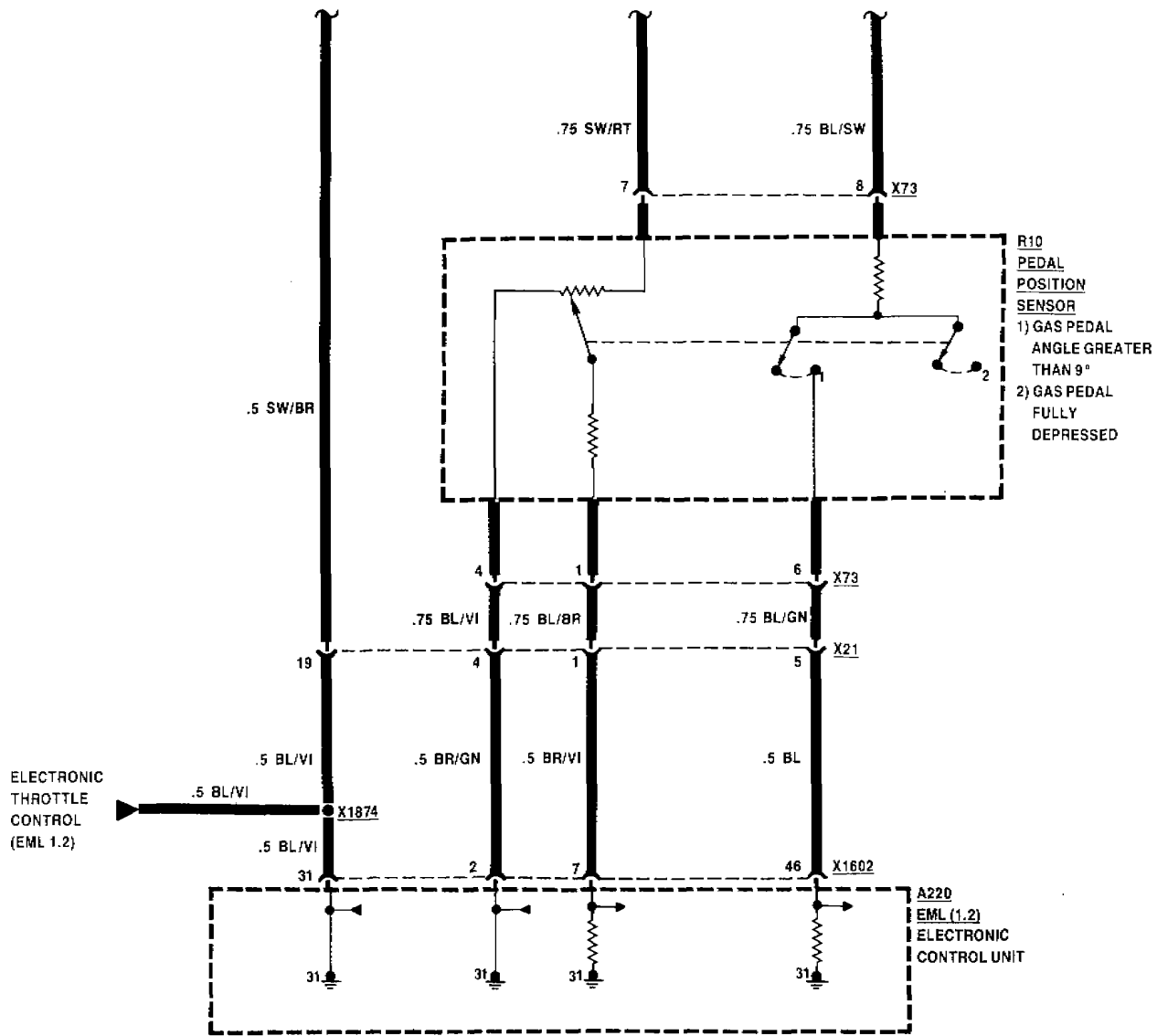
# CRUISE CONTROL (TEMPOMAT)

735i, 735iL



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

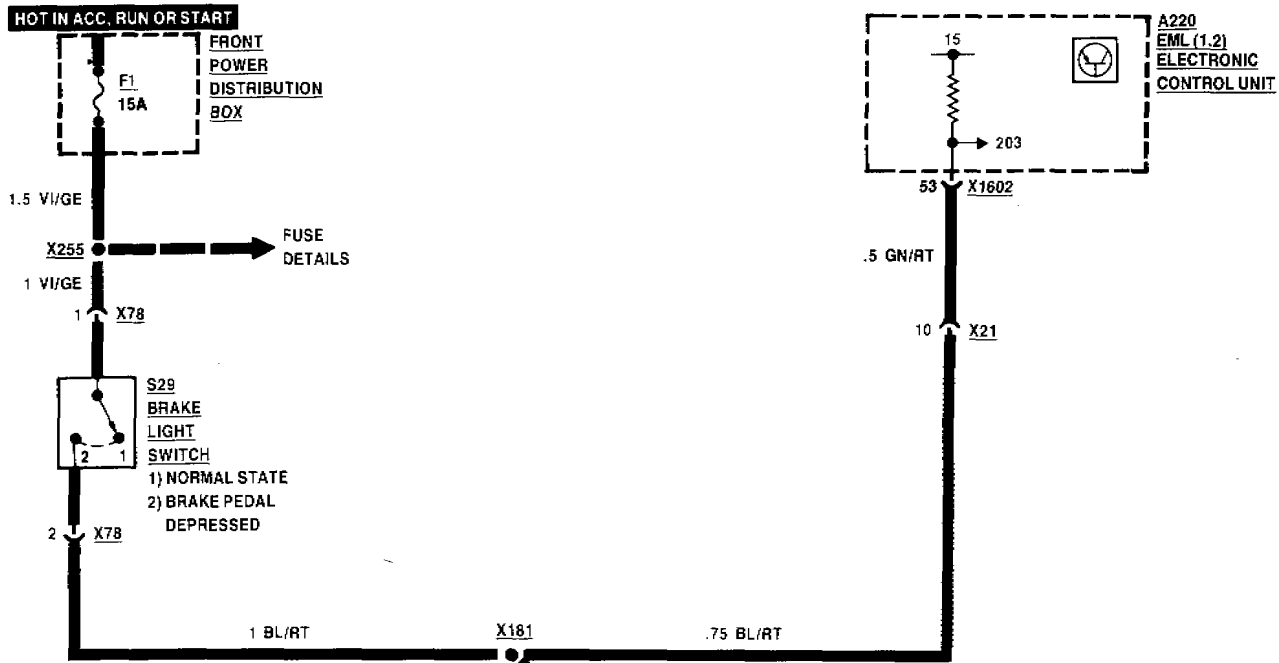




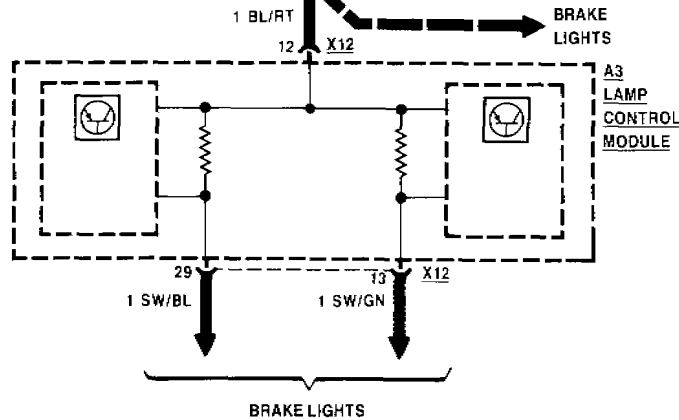


# CRUISE CONTROL (EML)

750iL



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



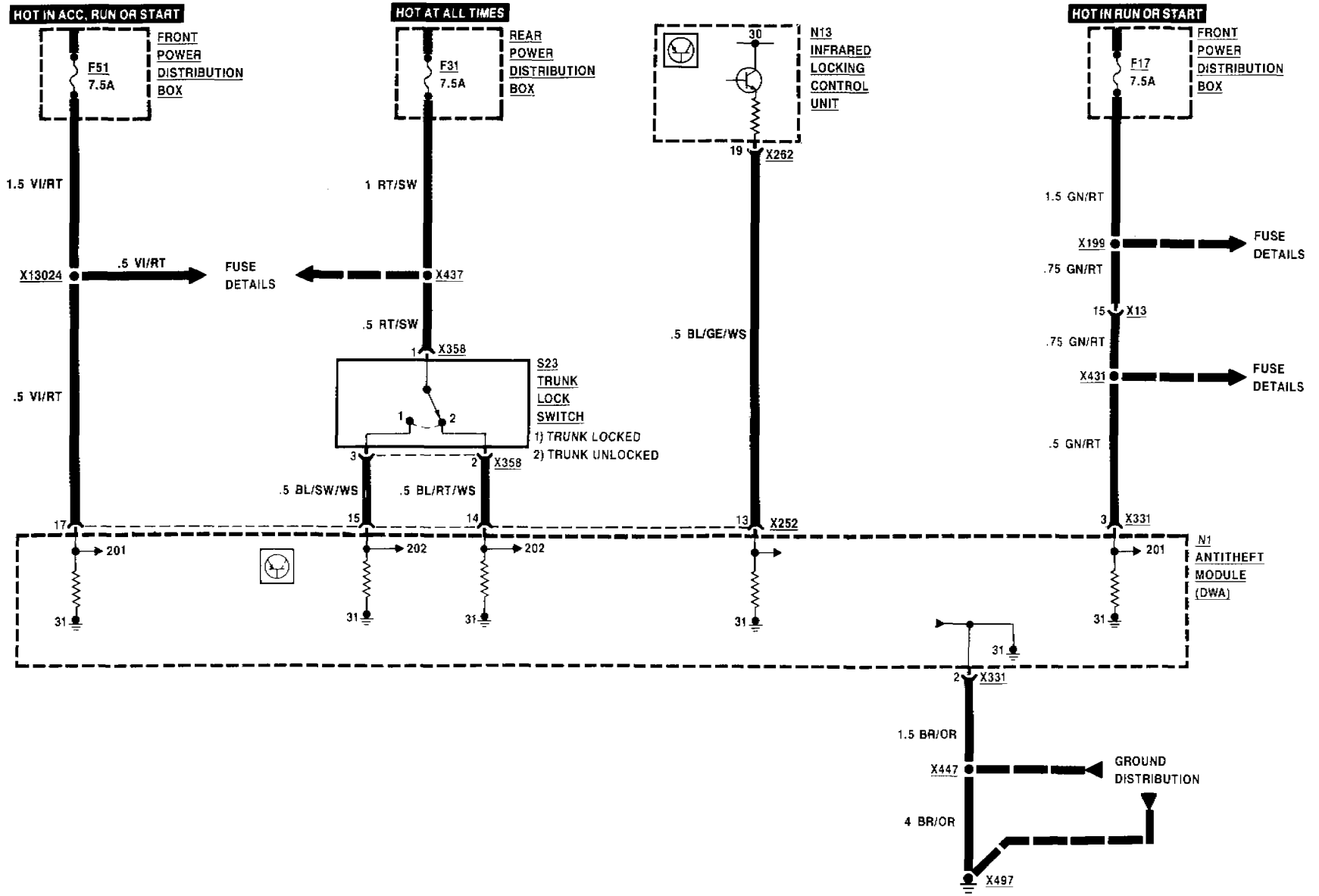
09/89

6572-02

1990



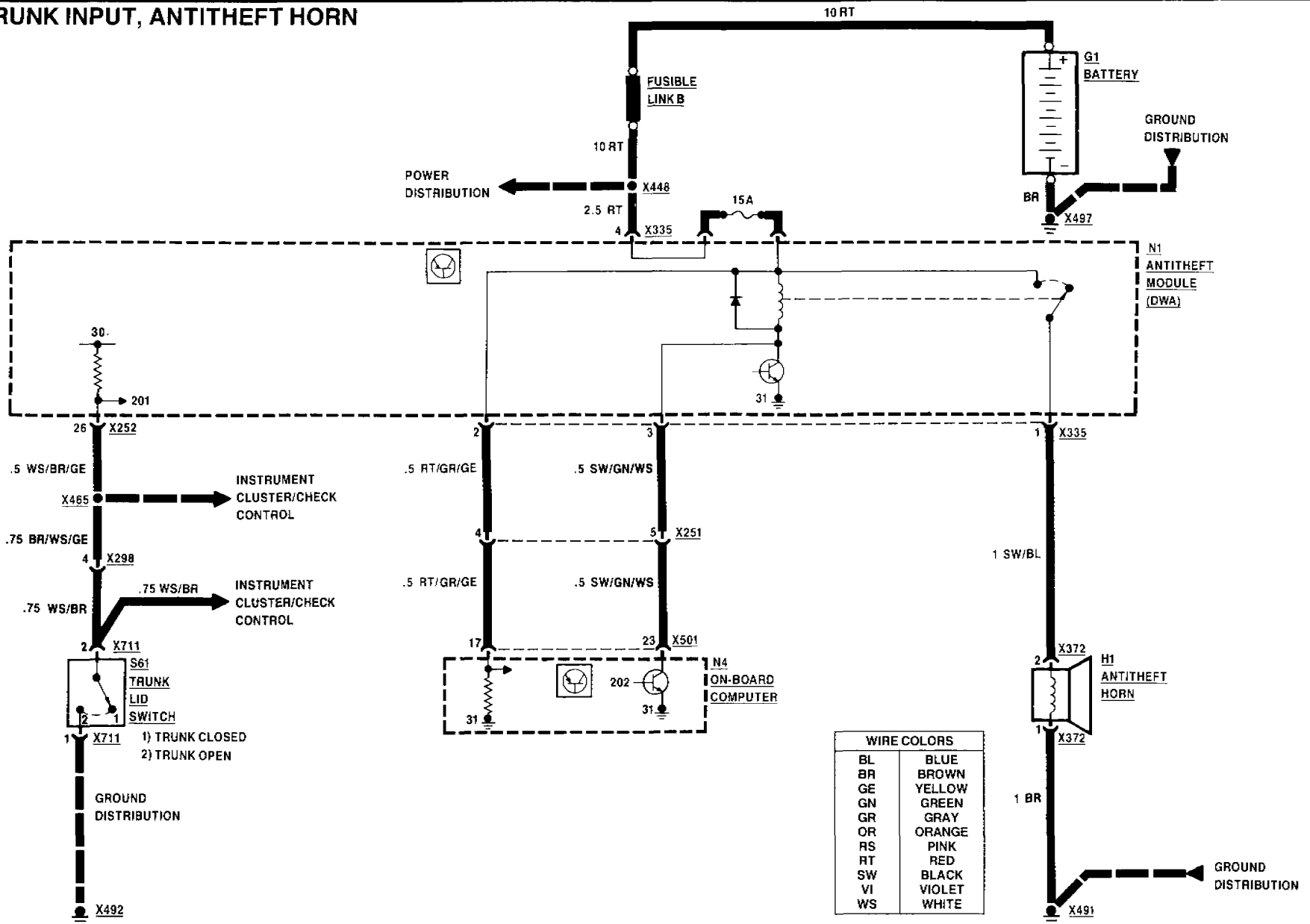
# ANTITHEFT SYSTEM (DWA) POWER, TRUNK INPUT





# ANTITHEFT SYSTEM (DWA)

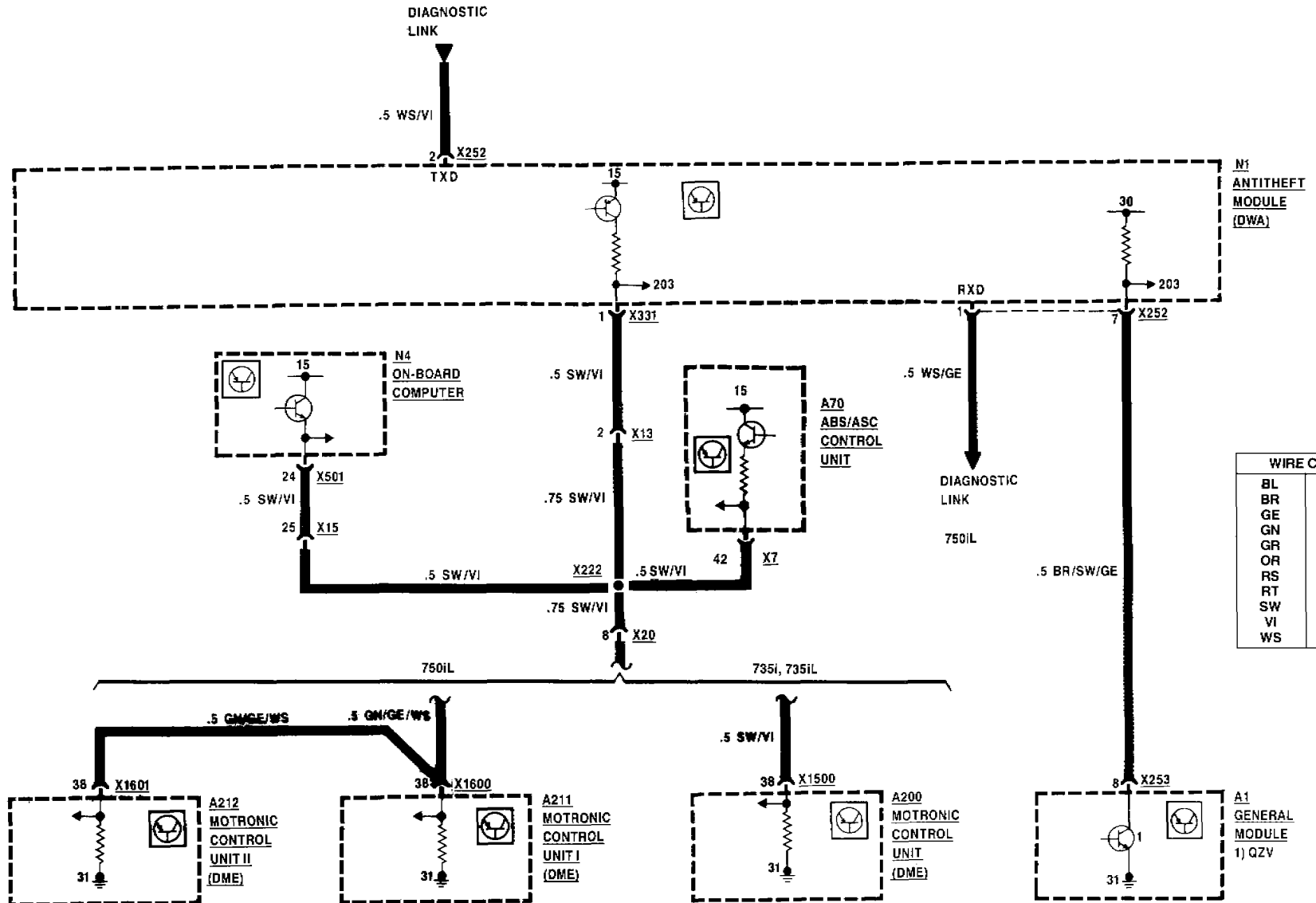
## TRUNK INPUT, ANTITHEFT HORN





# ANTITHEFT SYSTEM (DWA)

## DIAGNOSTIC LINK, DRIVE AWAY PROTECTION, QZV



WIRE COLORS	
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BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



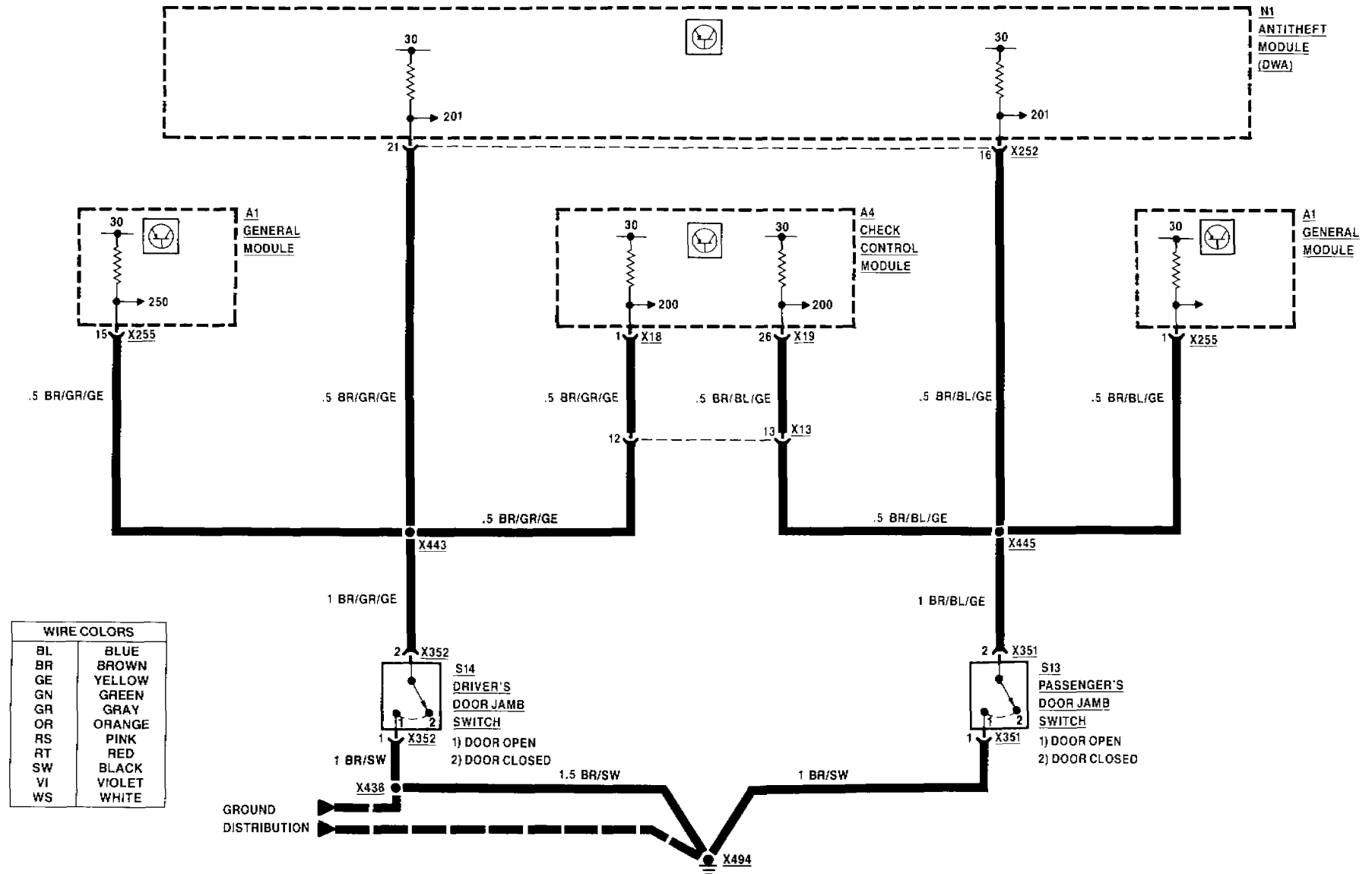


# ANTITHEFT SYSTEM (DWA) FRONT DOOR JAMB SWITCHES

09/89

6575-03

1990

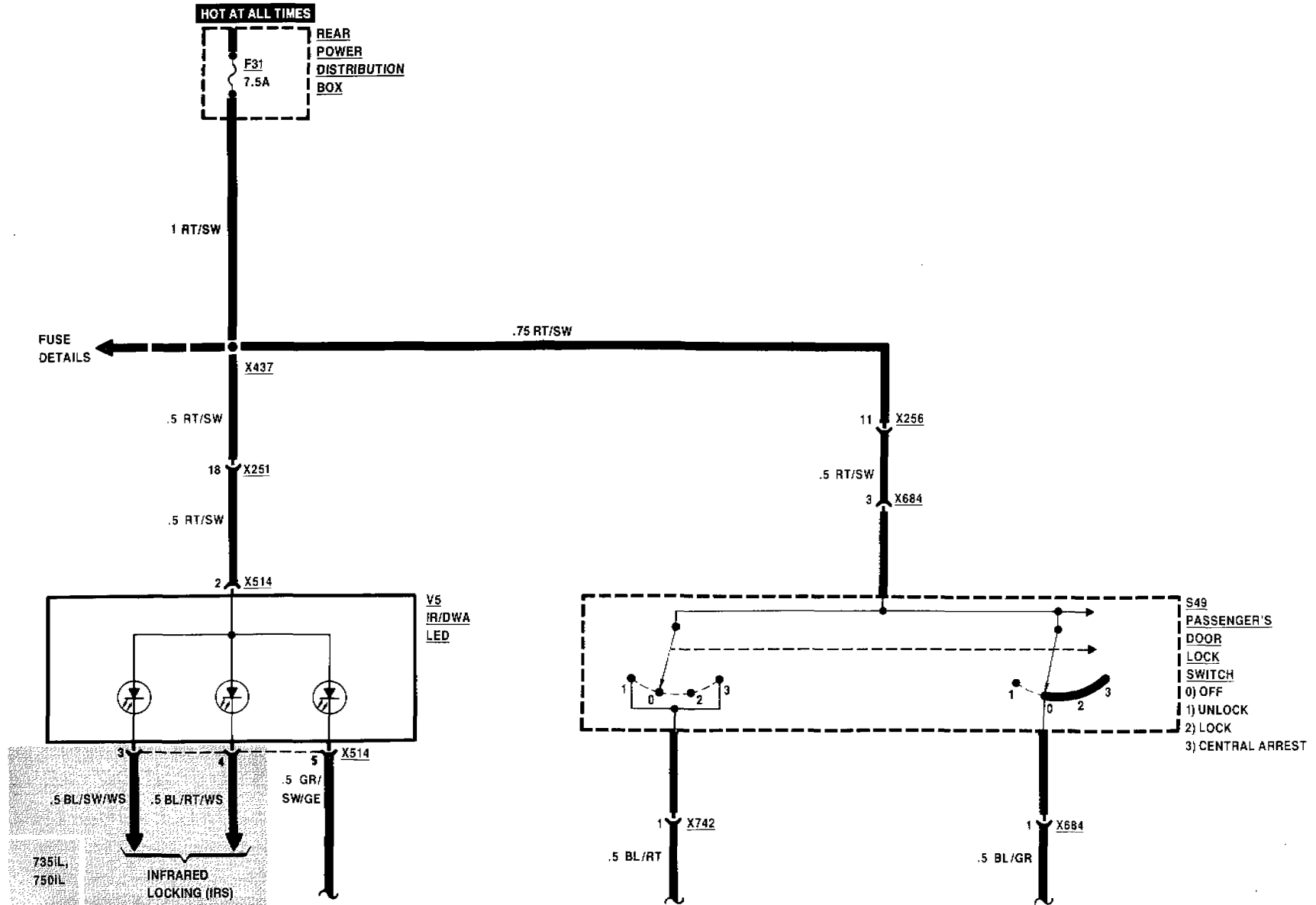


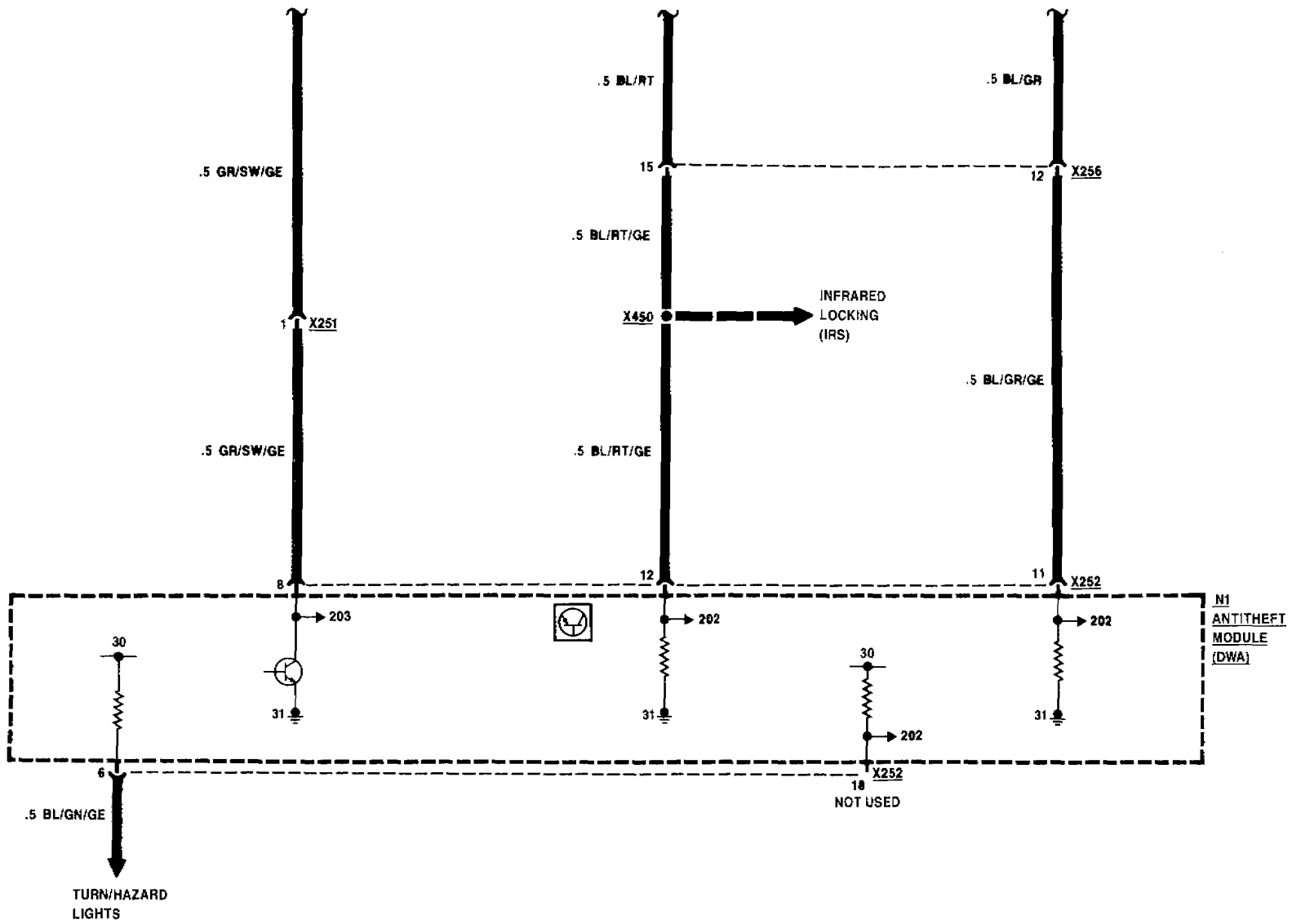
WIRE COLORS	
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GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# ANTITHEFT SYSTEM (DWA)

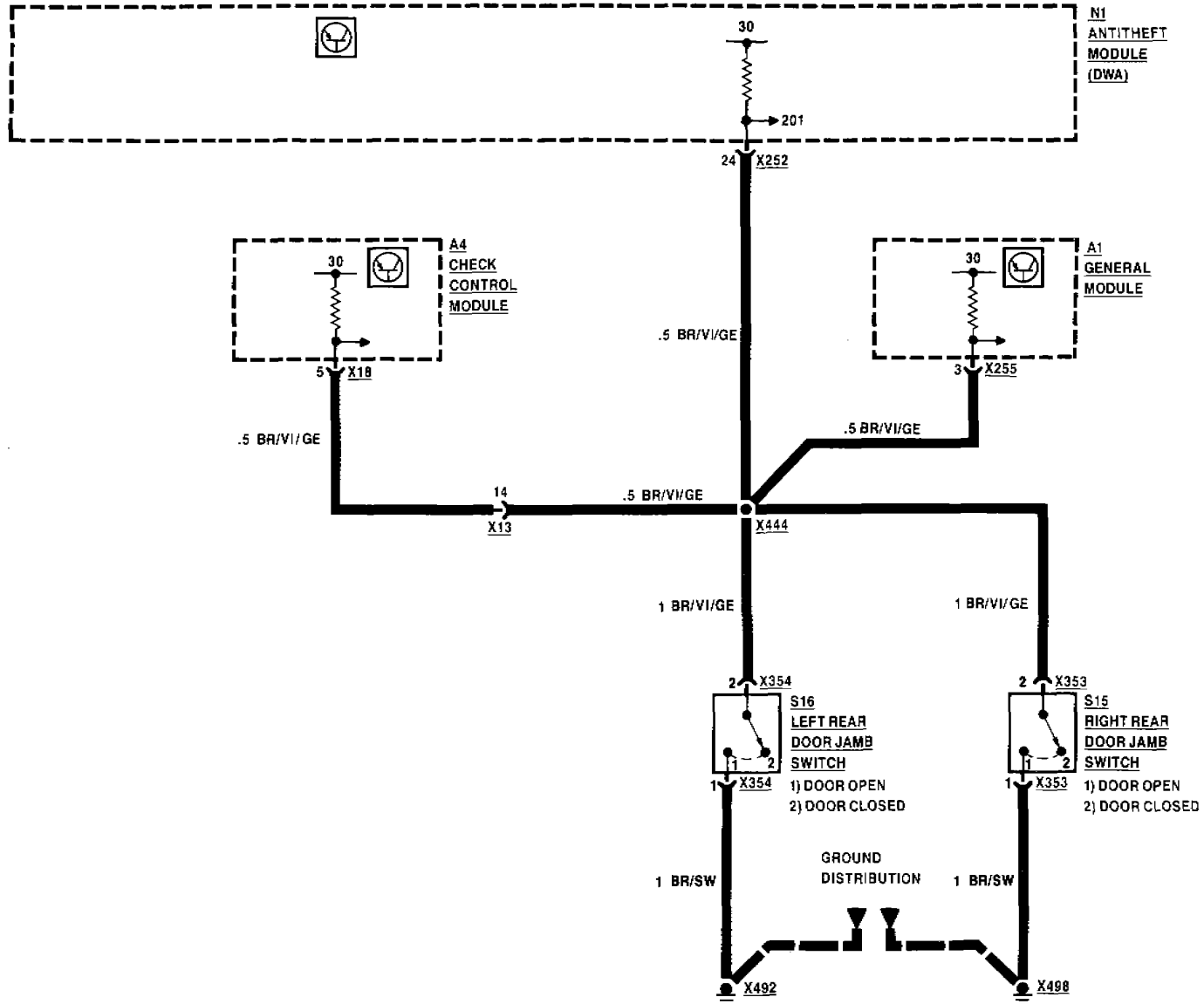
## INDICATOR, PASSENGER'S DOOR INPUTS, LIGHT ALARM OUTPUT





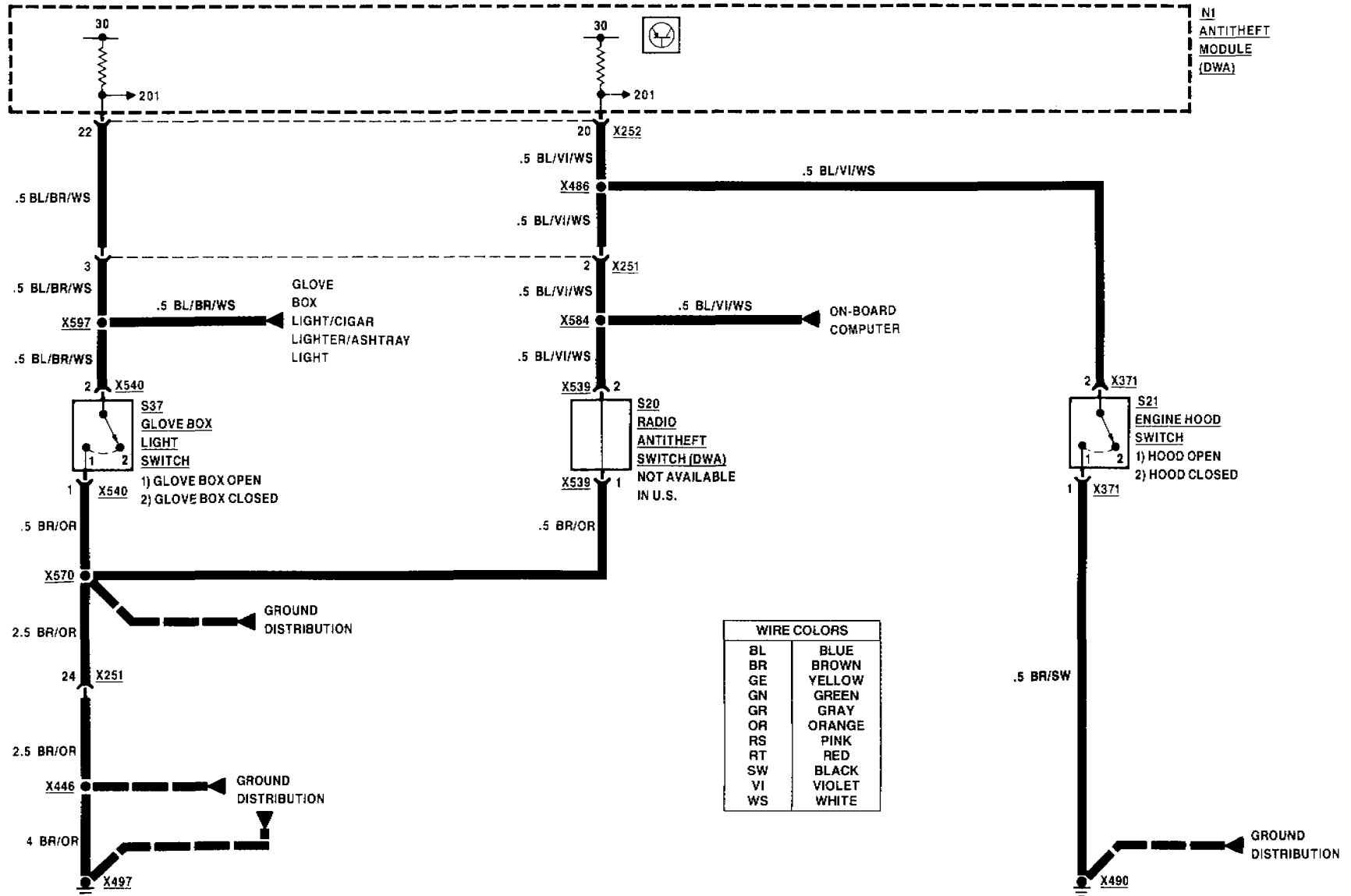


# ANTITHEFT SYSTEM (DWA) REAR DOOR PROTECTION





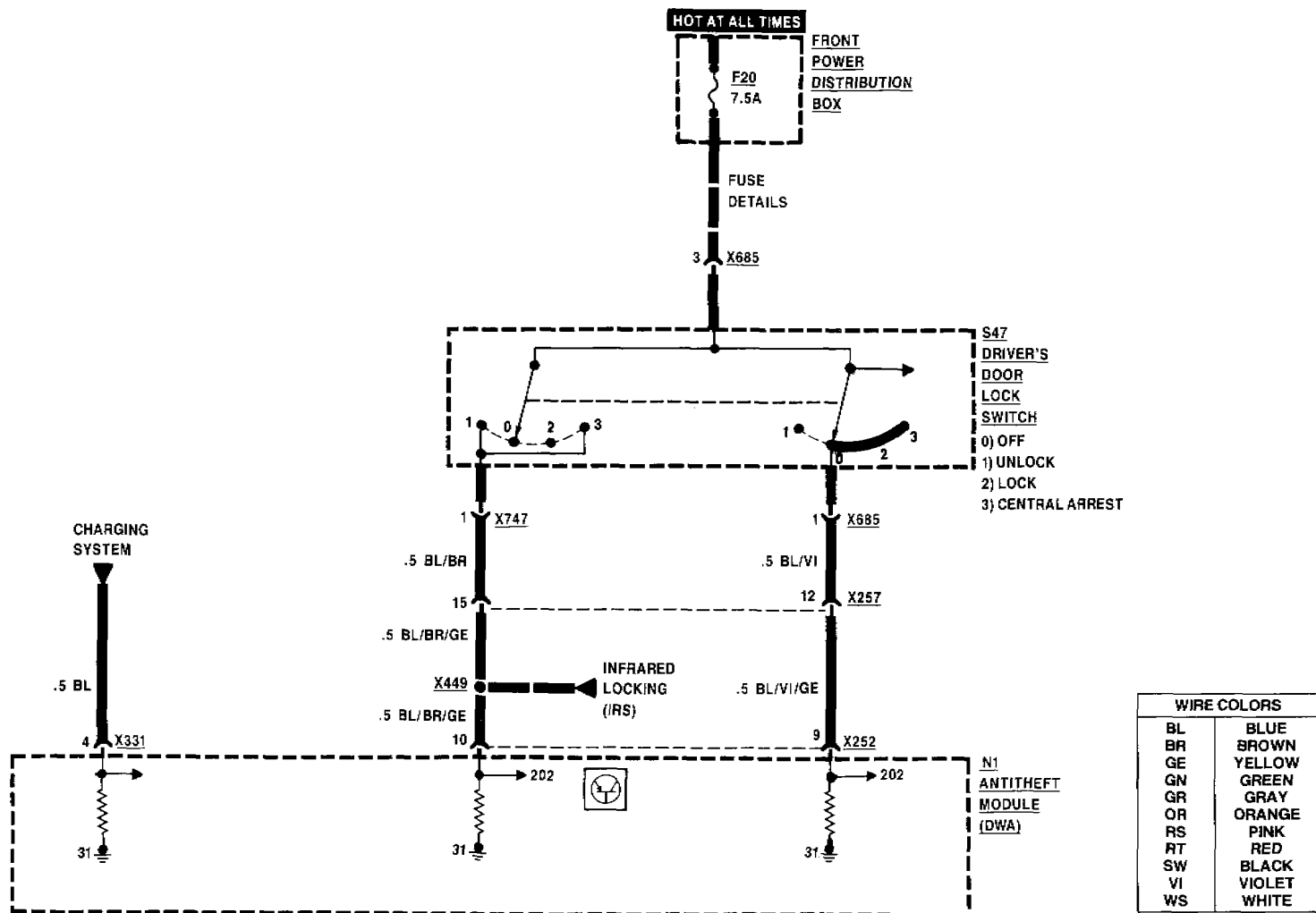
# ANTITHEFT SYSTEM (DWA) GLOVE BOX, RADIO, ENGINE HOOD INPUTS





# ANTITHEFT SYSTEM (DWA)

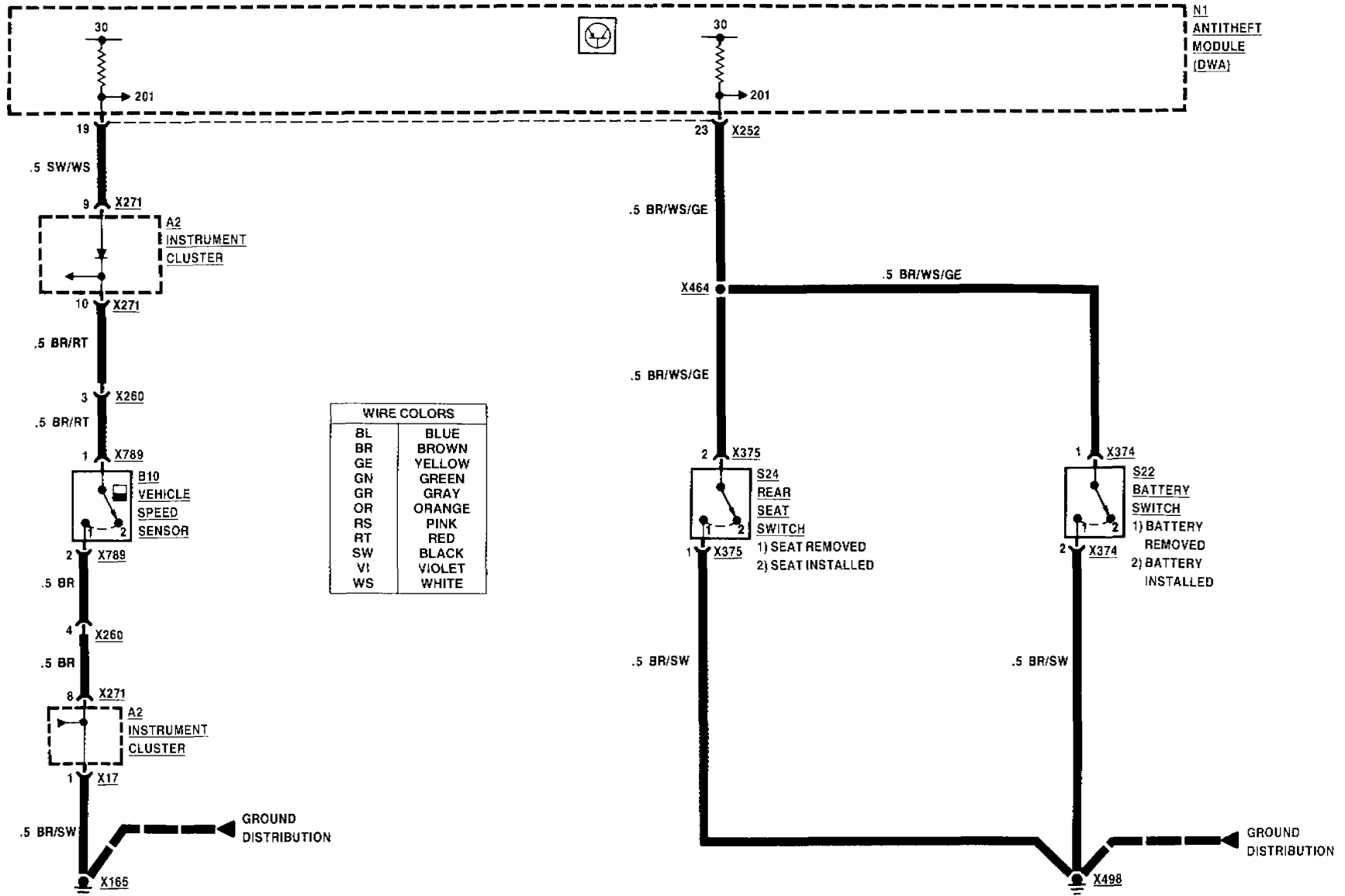
## ENGINE RUNNING INPUT, DRIVER'S DOOR INPUTS





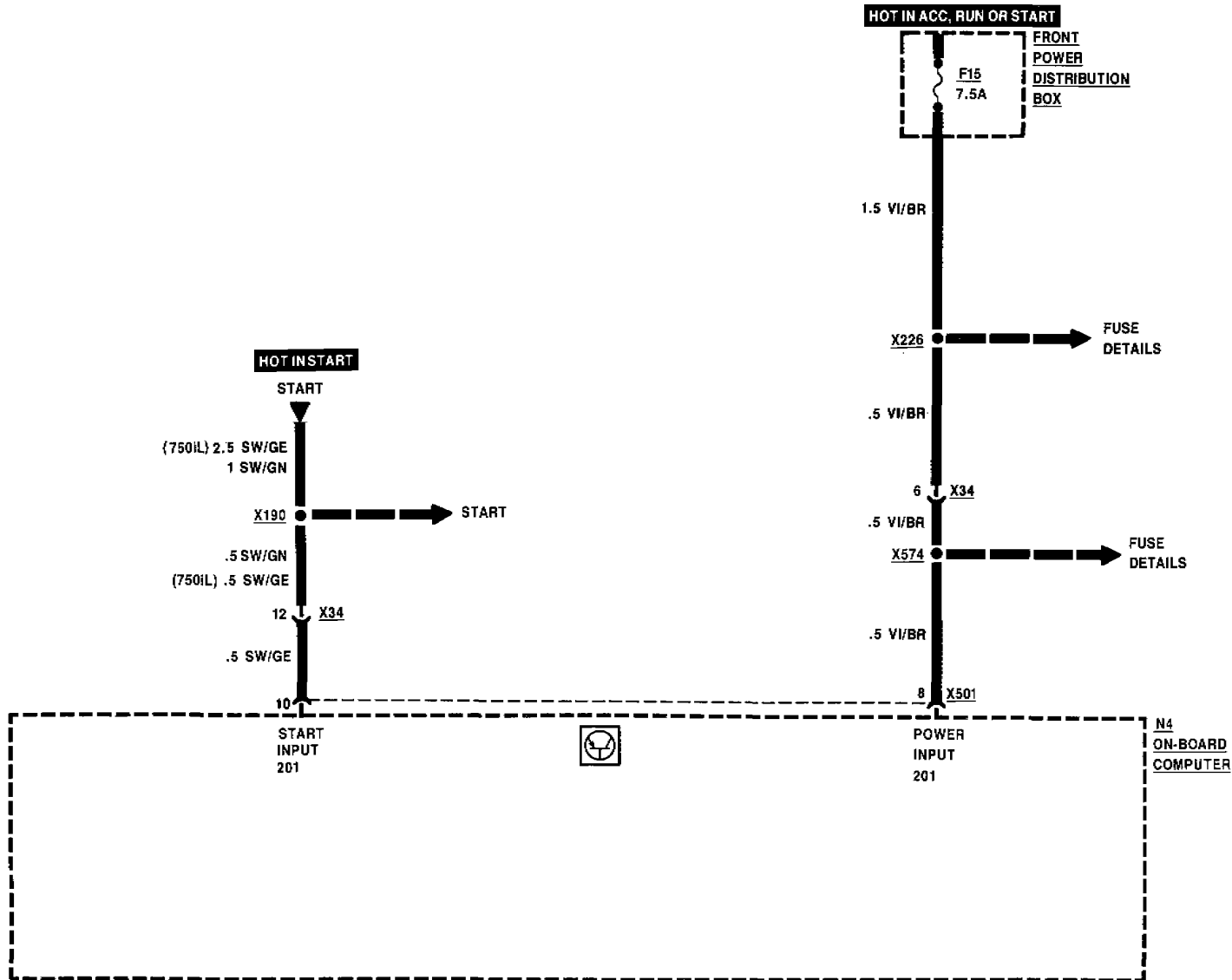
# ANTITHEFT SYSTEM (DWA)

## BATTERY, REAR SEAT, MOTION INPUTS





# ON-BOARD COMPUTER

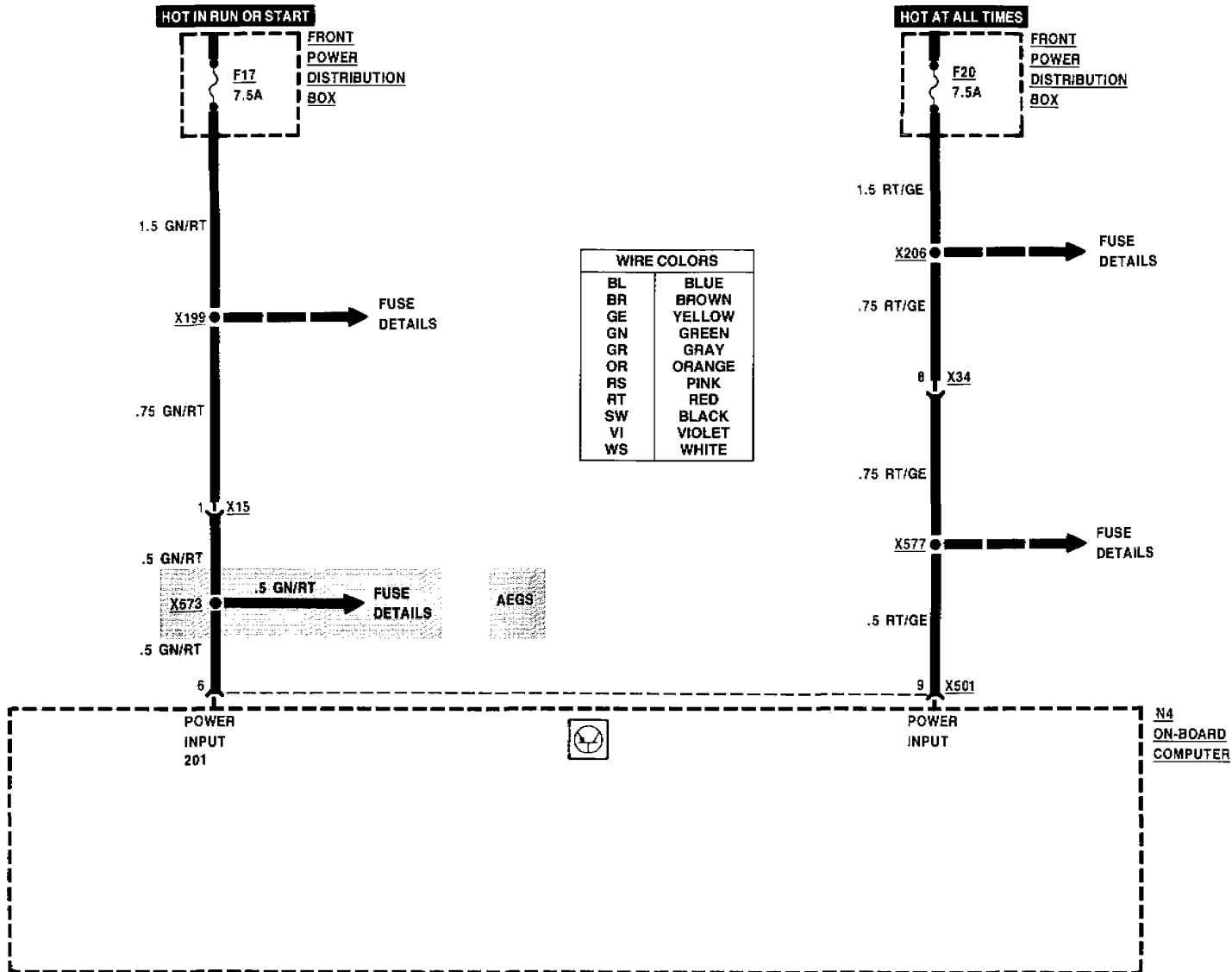


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



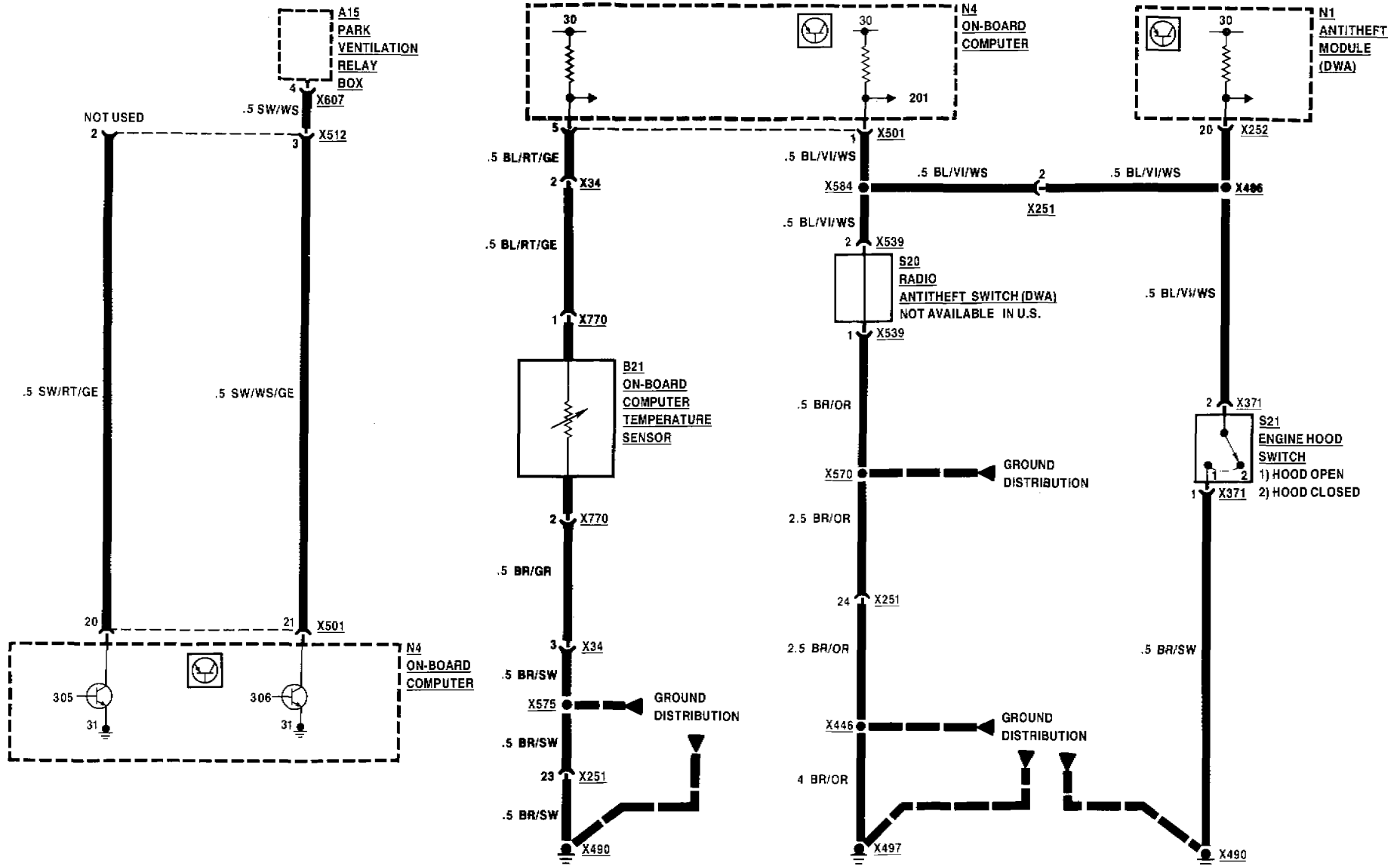


# ON-BOARD COMPUTER



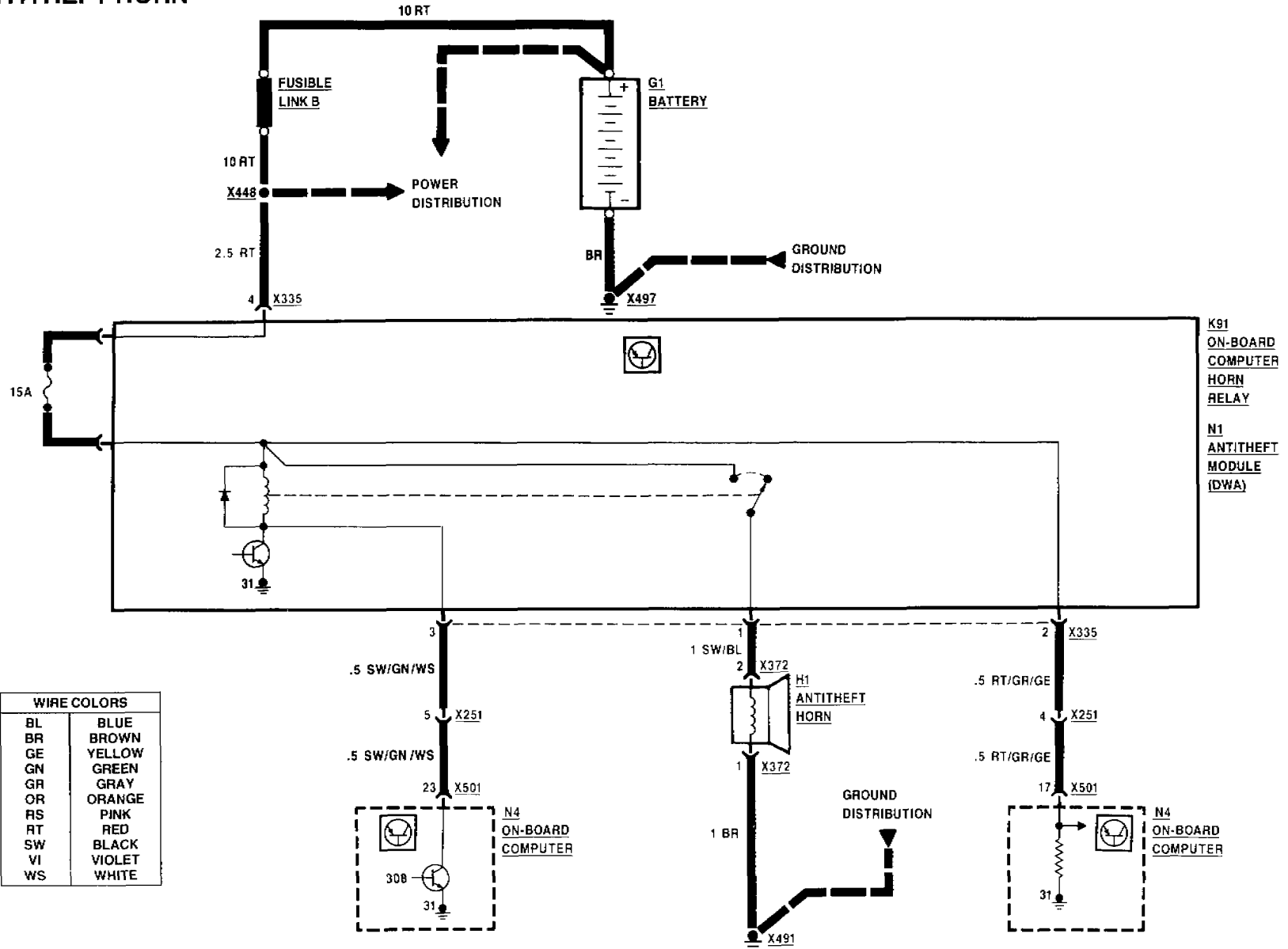


# ON-BOARD COMPUTER





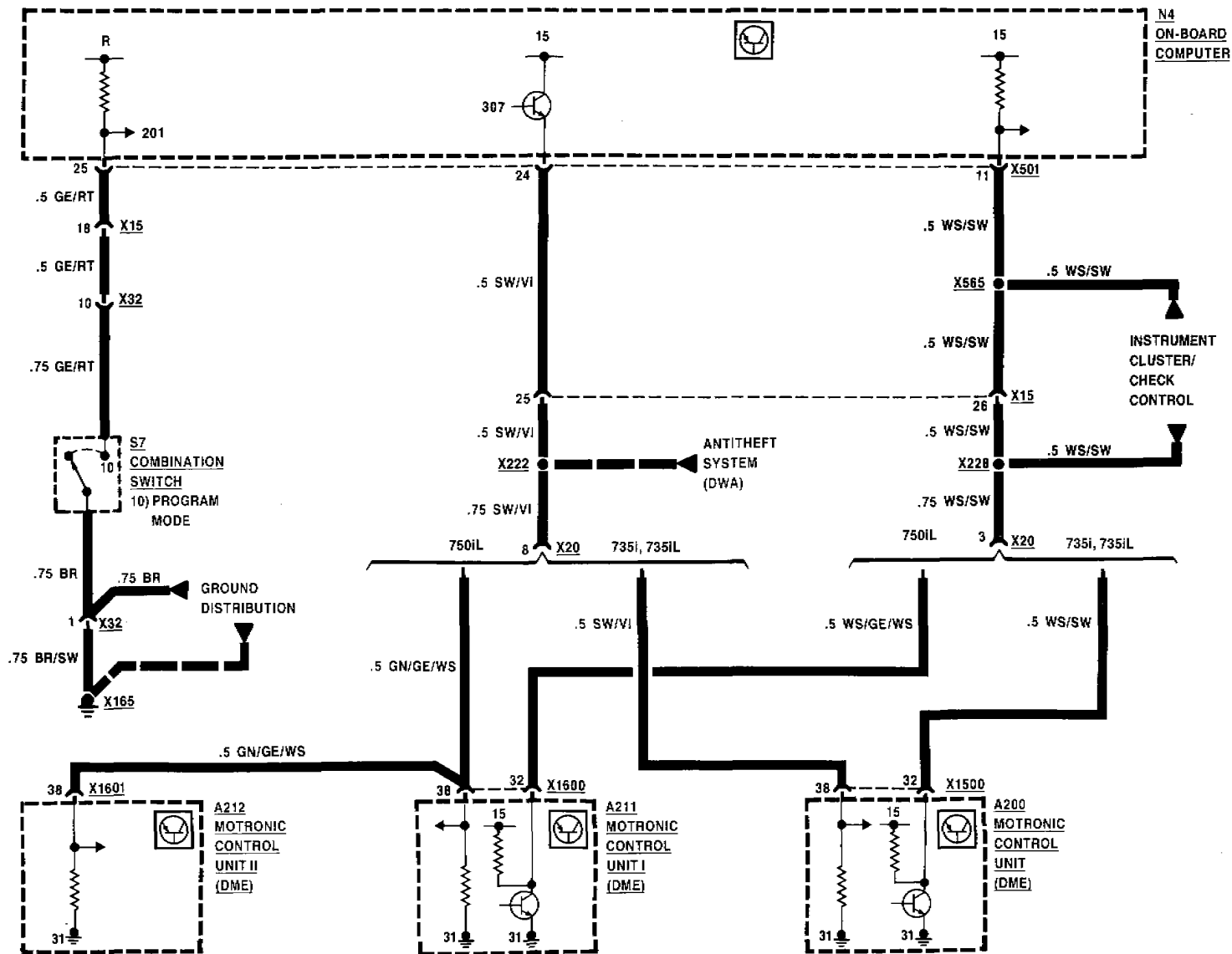
# ON-BOARD COMPUTER ANTITHEFT HORN





# ON-BOARD COMPUTER

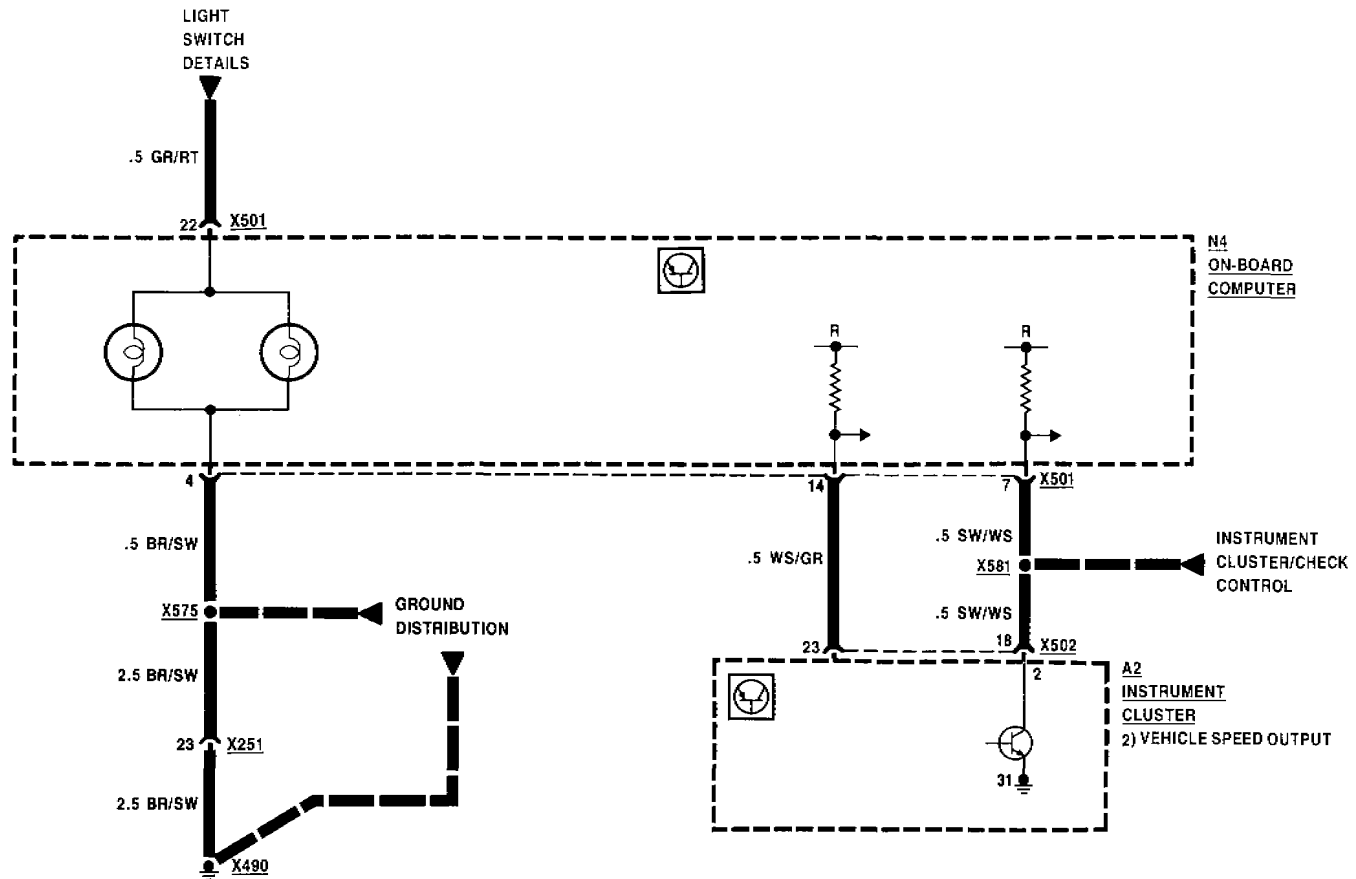
## INJECTION SIGNAL, DRIVE AWAY PROTECTION, PROGRAMMING





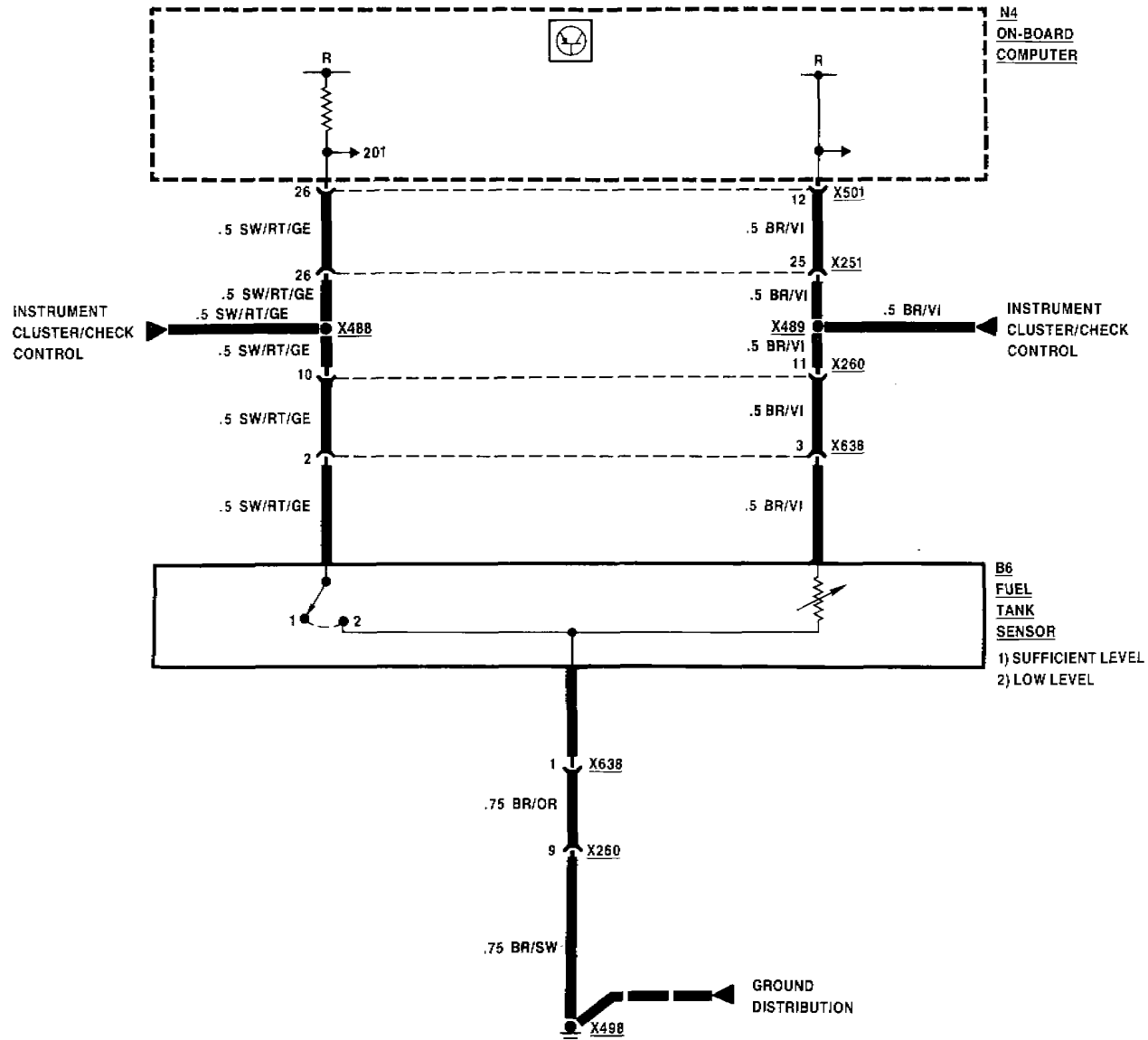
# ON-BOARD COMPUTER VEHICLE SPEED

WIRE COLORS	
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BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# ON-BOARD COMPUTER FUEL INFORMATION

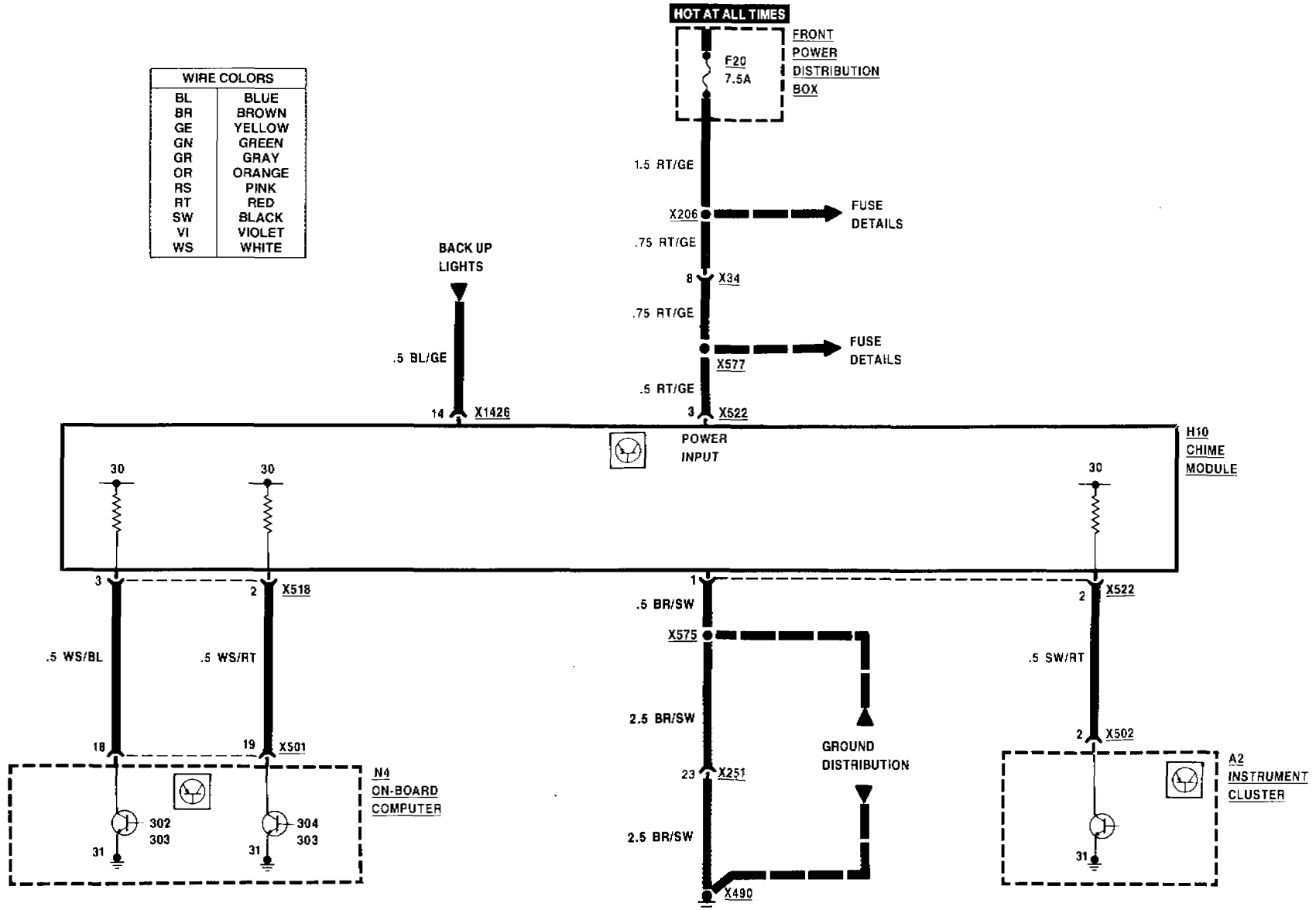


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



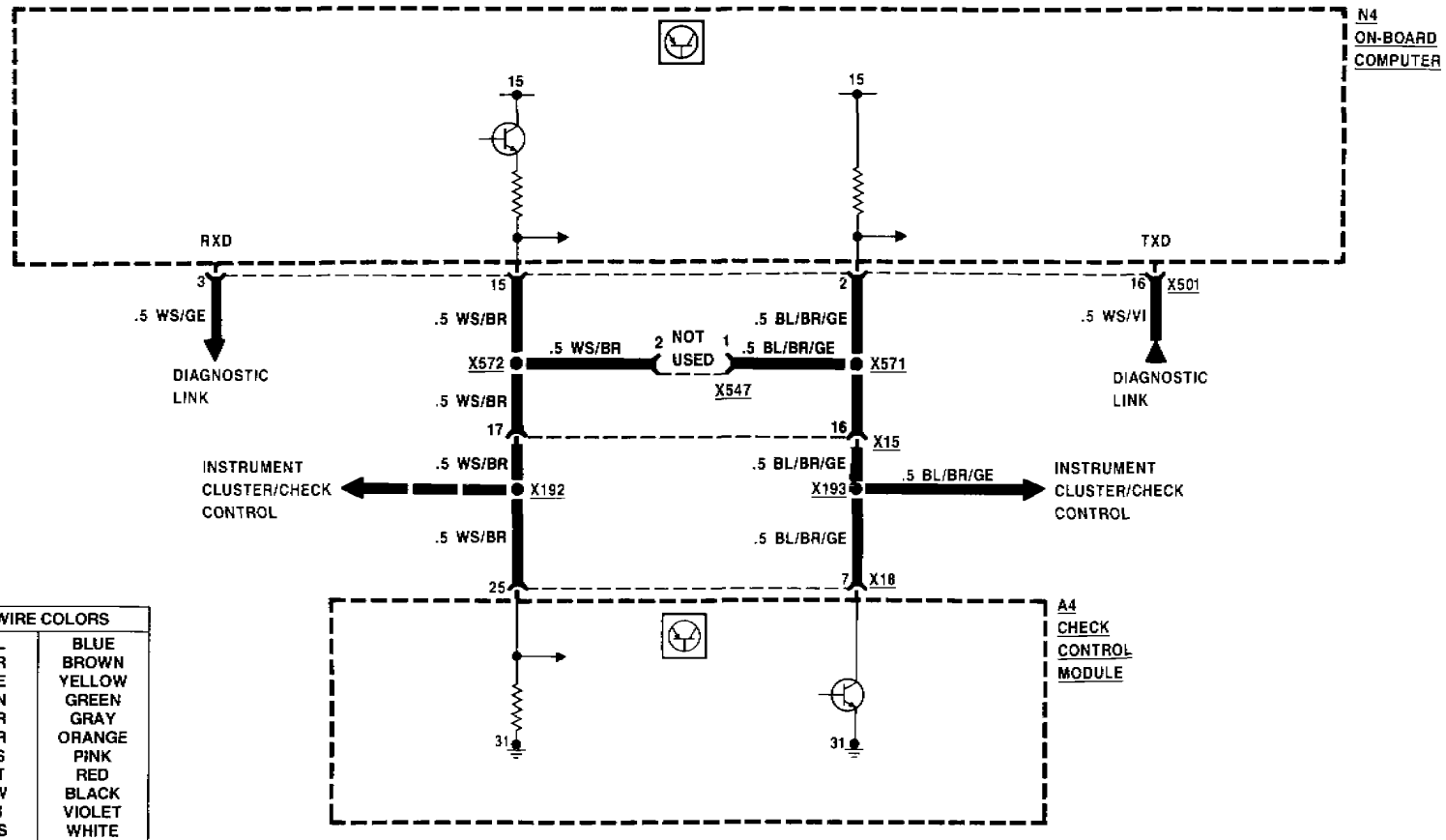
# ON-BOARD COMPUTER CHIME MODULE

WIRE COLORS	
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BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# ON-BOARD COMPUTER DATA LINK

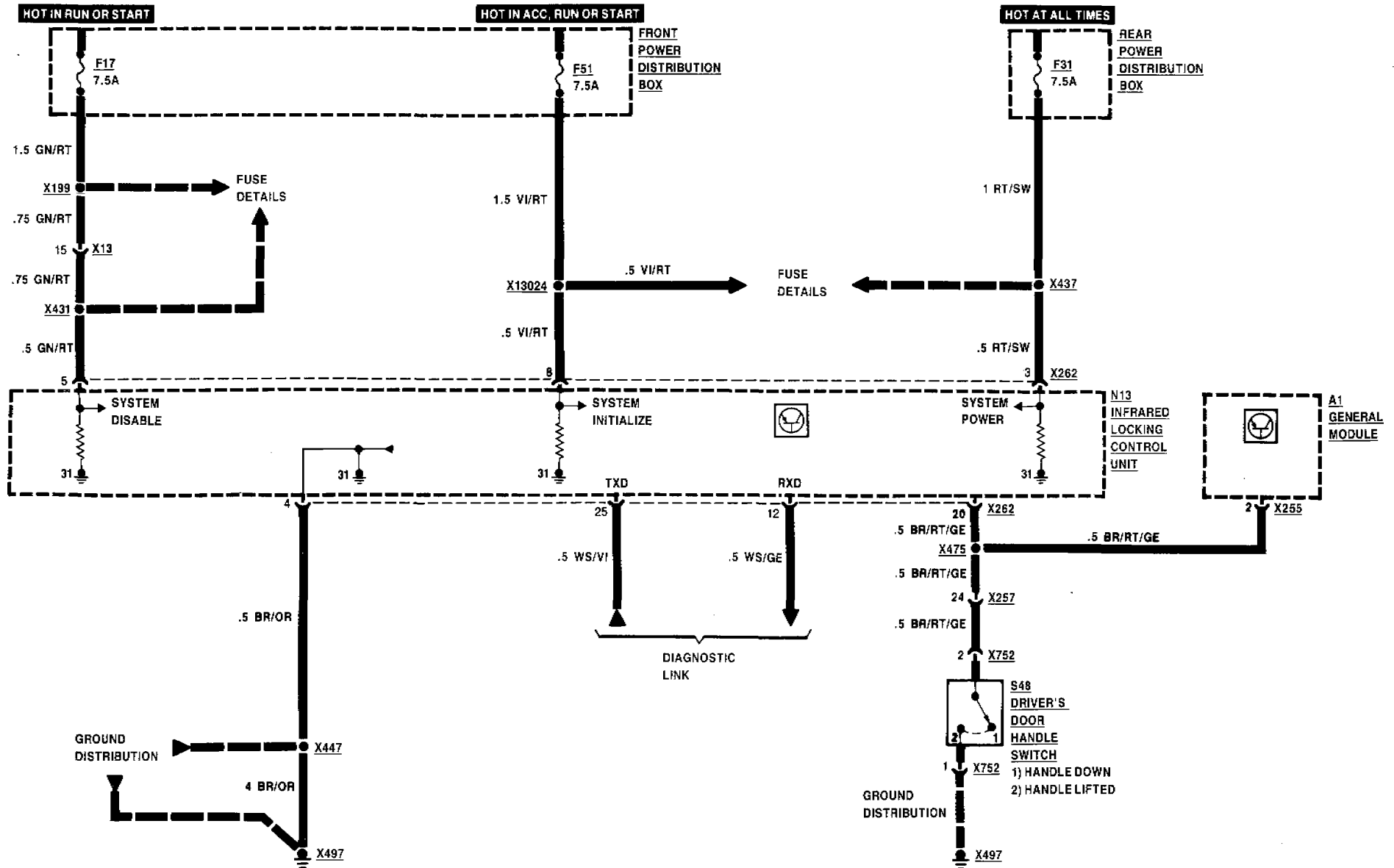






# INFRARED LOCKING (IRS) POWER, GROUND, DATA LINK

735iL, 750iL

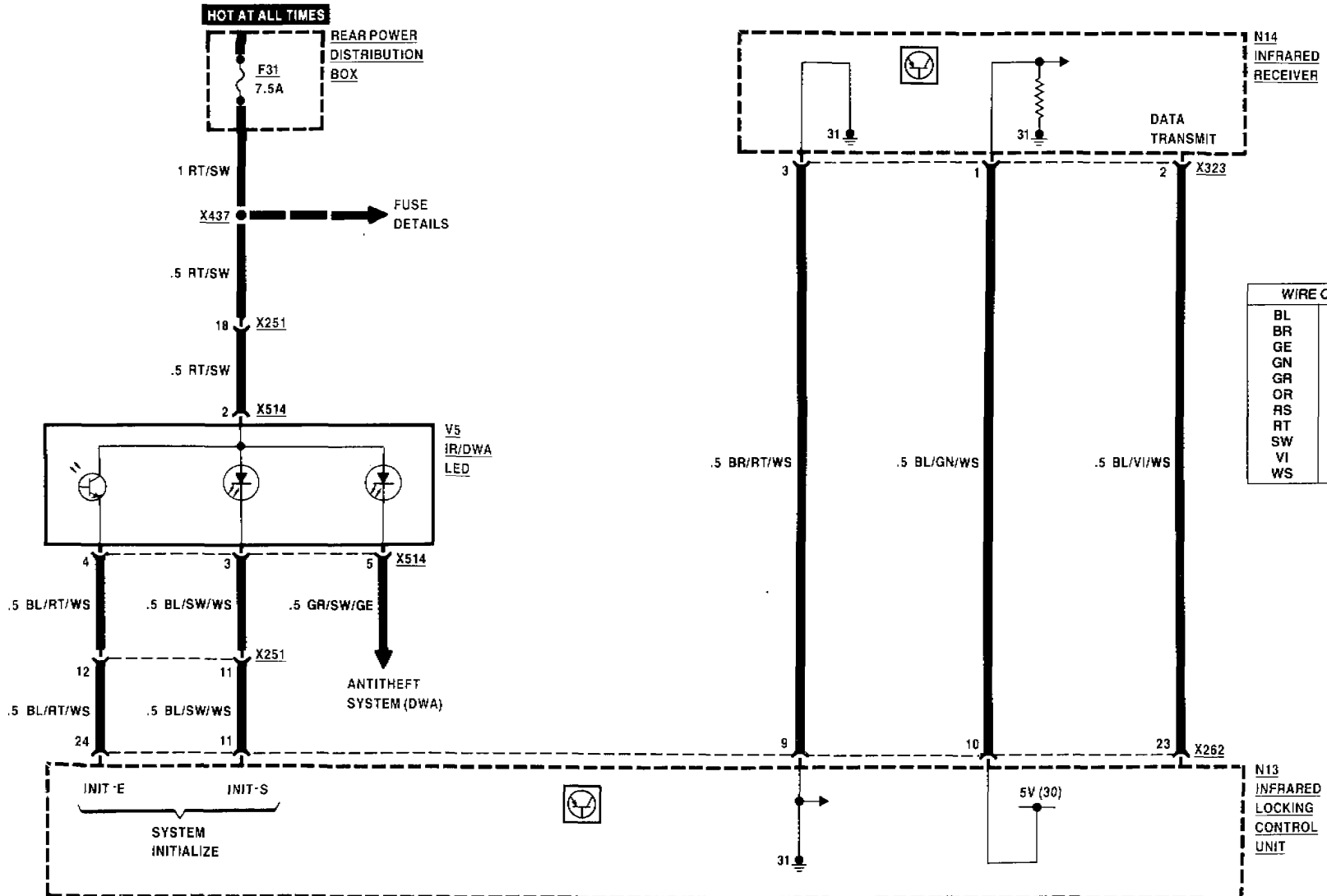




# INFRARED LOCKING (IRS)

735iL, 750iL

## INITIALIZE, RECEIVER CIRCUITS







# COMPONENT LOCATION CHART

## COMPONENTS

Page-Figure

.....	Auxiliary Relay Box	LH side of engine compartment, ahead of shock tower	7100-04-01
.....	E-Box	RH side of engine, behind RH front shock tower	
.....	Front Power Distribution Box	LH rear of engine compartment	7100-09-01
.....	Fusible Link A	Below RH side of rear seat, right of Battery	7100-40-02
.....	Fusible Link B	Below RH side of rear seat, right of Battery	7100-40-02
.....	Rear Power Distribution Box	Below LH side of rear seat	7100-16-02
A1	General Module	Under LH side of rear seat, in Rear Power Distribution Box	7100-16-01
A3	Lamp Control Module	In Front Power Distribution Box	7100-04-03
A4	Check Control Module	In Front Power Distribution Box	7100-04-03
A5	Relay Module	Below LH side of rear seat, in Rear Power Distribution Box	7100-16-01
A6	Trailer Module (AHM)	In LH rear corner of luggage compartment, on rear panel	Not in US
A7	ABS Electronic Control Unit	In E-Box, behind RH front shock tower	7100-01-01
A8	Cruise Control Module (Tempomat)	In E-Box, behind RH front shock tower	7100-12-01
A9	Seat Belt Retractor Module	Next edition	Not in US
A10	Electronic Heater Control Unit	Between front footwells, ahead of HR plenum	7100-13-01
A11	Automatic Heating and Air Conditioning Control Unit (IHKA)	Between front footwells, ahead of IHKA plenum	7100-13-01
A12	Diagnostic Module (SRS)	Below LH side of dash, left of steering column	7100-23-01
A13	Rear Headrest Control Unit	On Rear Power Distribution Box	0660-01
A14	Park Heating/Ventilation Control Unit	Under RH side of rear seat, behind battery	Not in US
A15	Park Heating/Ventilation Relay Box	Behind RH side of dash, above glove box	7100-33-01
A17	Servotronic Control Unit	By driver's footrest, behind speaker	7100-26-01
A18	HIFI Amplifier	Behind luggage compartment LH trim panel, on brace	7100-00-02
A20	Booster/Amplifier	In upper RH corner of luggage compartment	7100-31-01
A21	Memory Seat/Mirrors Control Unit	Under driver's seat	7100-27-03
A26	Lock Sensor Control Unit	Behind kick panel, in driver's footwell	7100-26-01
A70	ABS/ASC Electronic Control Unit	In E-Box, behind RH front shock tower	7100-34-01
A80	EDC Electronic Control Unit	Under RH side of rear seat, near Battery	7100-17-03



# COMPONENT LOCATION CHART

## COMPONENTS

			Page-Figure
A200	Motronic Control Unit (DME)	In E-Box, behind RH front shock tower	7100-12-01
A202	Electronic Throttle Control Unit	In E-Box, behind RH front shock tower	Not in US
A210	EML Electronic Control Unit	In E-Box, behind RH front shock tower	7100-34-01
A211	Motronic Control Unit I (DME)	In E-Box, behind RH front shock tower	7100-34-01
A212	Motronic Control Unit II (DME)	In E-Box, behind RH front shock tower	7100-34-01
A300	Electronic Transmission Control Unit (AEGS)	Behind RH kick panel	7100-17-02
A301	Kick-Down Prevent Relay	Behind RH kick panel	7100-17-02
A902	Catalyst Temperature Switching Unit (JAPAN)	On Rear Power Distribution Box (see Section 0660)	Not in US
B1	Right Front Speed Sensor	Behind RH front wheel	7100-08-02
B2	Left Front Speed Sensor	Behind LH front wheel	7100-07-02
B3	Right Rear Speed Sensor	Behind RH rear wheel, on axle	7100-09-03
B4	Left Rear Speed Sensor	Behind LH rear wheel, on axle	7100-09-02
B5	Level Control Unit	Below car, left of differential	Not in US
B6	Fuel Tank Sensor	Below luggage compartment, thru RH access panel, right of spare tire	7100-00-01
B10	Vehicle Speed Sensor	Rear of car, on differential	7100-10-01
B11	Left Heat Exchanger Temperature Sensor	Below LH side of dash, in LH side of IHKA/HR plenum	
B12	Right Heat Exchanger Temperature Sensor	Below RH side of dash, in RH side of IHKA/HR plenum	7100-14-01
B13	Outside Temperature Sensor	Behind coolant expansion tank support panel, on right of M30 Blower Motor	
B14	Evaporator Temperature Sensor	Below LH side of dash, on lower LH side of IHKA/HR plenum	7100-14-03
B15	Electro-Hydraulic Converter (Servotronic)	Below LH front of car, behind LH front wheel	7100-30-02
B16	Left Front Brake Pad Sensor	Behind LH front wheel, on caliper	7100-07-02
B17	Right Rear Brake Pad Sensor	Behind RH rear wheel, on caliper	7100-09-03
B18	Brake Fluid Level Switch (735i/735iL)	LH rear of engine compartment, top of brake fluid reservoir	7100-04-02
B18	Brake Fluid Level Switch (750iL)	LH rear of engine compartment, top of brake fluid reservoir	7100-35-03
B19	Brake Pressure Regulating Switch (750iL)	LH side of engine compartment, right of shock tower	7100-34-02



# COMPONENT LOCATION CHART

## COMPONENTS

		Page-Figure
B19	Brake Pressure Regulating Switch (735i/735iL)	LH side of engine compartment, right of shock tower . . . . . 7100-04-02
B20	Brake Pressure Switch (735i/735iL)	LH side of engine compartment, right of shock tower . . . . . 7100-04-02
B20	Brake Pressure Switch (750iL)	LH side of engine compartment, right of shock tower . . . . . 7100-34-02
B21	On-Board Computer Temperature Sensor	Under front bumper, right side . . . . . 7100-30-03
B22	Wheel Camber Control Unit	Below car, above RH halfshaft . . . . . 7100-26-03
B23	Catalyst Thermocouple Left	On Catalytic Converter . . . . . Not in US
B24	Catalyst Thermocouple Right	On Catalytic Converter . . . . . Not in US
B26	Left Footwell Temperature Sensor	Below LH side of dash, above kick panel
B27	Right Footwell Temperature Sensor	Below RH side of dash, above kick panel
B201	Cylinder Identification Sensor	RH front of engine, on distributor . . . . . 7100-03-01
B202	Engine Speed/Reference Point Sensor	Front of engine, below distributor . . . . . 7100-03-01
B203	Oxygen Sensor	In top of catalyst, near rear of transmission . . . . . 7100-07-03
B204	Coolant Temperature Sensor	On coolant inlet, near valve cover . . . . . 7100-38-03
B205	Oil Level Sensor	On bottom of oil pan . . . . . 7100-07-01
B206	Oil Pressure Switch (750iL)	LH side of engine, near wheel well . . . . . 7100-37-01
B206	Oil Pressure Switch (735i/735iL)	Top rear of engine, rear of cylinder head . . . . . 7100-02-03
B207	Coolant Temperature Sender (750iL)	RH rear of engine, near E-Box . . . . . 7100-35-02
B207	Coolant Temperature Sender (735i/735iL)	On coolant inlet, near valve cover . . . . . 7100-38-03
B208	Air Flow Meter	Top center of engine, ahead of oil fill cap . . . . . 7100-02-01
B209	Water Temperature Sensor (750iL)	RH rear of engine, near E-Box . . . . . 7100-35-02
B209	Water Temperature Sensor (735i/735iL)	On coolant inlet, near valve cover . . . . . 7100-38-03
B210	Temperature Switch	In E-Box, behind RH front shock tower
B220	Cylinder Identification Sensor I	On spark plug wire #12, under LH distributor cover
B221	Cylinder Identification Sensor II	On spark plug wire #6, under RH distributor cover
B222	Engine Speed Sensor I	Lower front of engine
B223	Engine Speed Sensor II	Lower front of engine
B224	Engine Intake Air Temperature Sensor I (Cyl 1-6)	RH rear of engine, near E-Box . . . . . 7100-35-02
B225	Engine Intake Air Temperature Sensor II (Cyl 7-12)	LH rear of engine compartment, right of Front Power Distribution Box . . . . . 7100-34-03



## COMPONENT LOCATION CHART

### COMPONENTS

			Page-Figure
B226	Air Mass Meter I (Cyl 1-6)	LH front of engine	7100-36-02
B227	Air Mass Meter II (Cyl 7-12)	RH front of engine	7100-36-01
B228	Water Temperature Sensor (DME)	RH rear of engine, near filter	7100-35-02
B301	Oxygen Sensor I	In top of catalyst	
B302	Oxygen Sensor II	In top of catalyst	
B900	Jumper Plug	In Front Power Distribution Box	7100-04-03
B9508	Pressure Switch	Front RH side of engine compartment	
C100	Contact Ring	On steering wheel base, in front of airbag	
C900	Defogger Coupler	In RH "C"-pillar	
D100	Diagnostic Connector (735i/735iL)	RH rear of engine compartment, ahead of shock tower	7100-01-03
D100	Diagnostic Connector (750iL)	LH rear of engine compartment, ahead of shock tower	7100-34-03
E48	Door Lock Heater	In door, at key lock assembly	
E50	Park Heating Unit	RH side of engine compartment	Not in US
E51	Left Washer Jet Heater	Under cover, on engine hood	7100-27-02
E52	Right Washer Jet Heater	Under cover, on engine hood	7100-33-03
E55	Front Defogger	Lower part of front windshield	Not in US
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	
F0	Fusible Link (80 Amp)	Below RH side of rear seat, near B+ terminal on Battery	7100-19-01
F53	Fuse (10 Amp)	In RH corner of luggage compartment	
F99	Fusible Link (50A)	Under RH side of rear seat, near B+ terminal on Battery	
G3	Auxiliary Battery	In RH corner of luggage compartment	Not in US



# COMPONENT LOCATION CHART

## COMPONENTS

Page-Figure

G5	Driver's Air Bag Generator	In center of steering wheel	
H1	Antitheft Horn (DWA)	Below RH fresh air cowl	
H2	Left Horn	Front of car, behind grille	7100-24-03
H3	Right Horn	Front of car, behind grille	7100-24-03
H60	Audible Turn Signal Relay	Under RH side of steering column	7100-17-01
K1	Starter Relay	In Front Power Distribution Box	7100-04-03
K2	Horn Relay	In Front Power Distribution Box	7100-04-03
K3	Unloader Relay, KLR	In Front Power Distribution Box	7100-04-03
K4	Blower Relay	In Front Power Distribution Box	7100-04-03
K5	Washer Pump Relay	In Front Power Distribution Box	7100-11-01
K7	Parking Light Monitor Relay	In Front Power Distribution Box	7100-11-01
K8	Front Defogger/Water Pump Relay	In Front Power Distribution Box	7100-11-01
K9	Unloader Relay, KL15	In Front Power Distribution Box	7100-11-01
K10	ABS Overvoltage Protection Relay	In Front Power Distribution Box	7100-11-01
K11	Wiper Relay	Under LH side of rear seat, on Rear Power Distribution Box	7100-16-02
K12	Wiper Pressure Control Relay (ADV)	Under LH side of rear seat, on Rear Power Distribution Box	7100-16-02
K13	Rear Defogger Relay	Under LH side of rear seat, on Rear Power Distribution Box	7100-16-02
K14	Auxiliary Battery Relay	In RH corner of luggage compartment	Not in US
K15	Electric Power Protection Relay	Under LH side of rear seat, on Rear Power Distribution Box	7100-16-02
K16	Hazard Flasher Relay	In Front Power Distribution Box	7100-11-01
K17	Rear Seat Heating Relay	On Rear Power Distribution Box (see Section 0660)	
K19	Compressor Control Relay	By driver's footrest, behind speaker (IHKA)	7100-26-01
K21	Normal Speed Relay (750iL)	LH side of engine compartment, in Relay Box, front of shock tower	7100-34-02
K21	Normal Speed Relay (735i/735iL)	LH side of engine compartment, in Relay Box, front of shock tower	7100-22-03





# COMPONENT LOCATION CHART

## COMPONENTS

COMPONENTS		Page-Figure
K22	High Speed Relay (750iL)	LH side of engine compartment, in Relay Box, front of shock tower 7100-34-02
K22	High Speed Relay (735i/735iL)	LH side of engine compartment, in Relay Box, front of shock tower 7100-22-03
K27	Right Rear Seat Heating/Position Relay	On Rear Power Distribution Box (see Section 0660)
K28	Right Rear Seat Heating/Position Relay	On Rear Power Distribution Box (see Section 0660)
K31	Cigar Lighter Relay	In Front Power Distribution Box
K33	Air Conditioning Motronic Relay (750iL)	LH side of engine compartment, in Relay Box, front of shock tower 7100-34-02
K33	Air Conditioning Motronic Relay (735i/735iL)	LH side of engine compartment, in Relay Box, front of shock tower 7100-22-03
K44	KSA-Relay	Under LH side of rear seat, on Rear Power Distribution Box Not in US
K51	Phone Alert Relay (750iL)	Under LH side of dash
K51	Phone Alert Relay (735i/735iL)	In front of Front Power Distribution Box 7100-11-01
K61	Unloader Relay	In Front Power Distribution Box 7100-04-03
K68	Left Rear Seat Heater Relay	Under LH side of rear seat
K69	Right Rear Seat Heater Relay	Under LH side of rear seat
K91	On-Board Computer Horn Relay	Under LH side of rear seat, ahead of Rear Power Distribution Box 7100-19-03
K201	Fuel Pump Relay	In E-Box, behind RH front shock tower 7100-01-01
K202	Main Relay	In E-Box, behind RH front shock tower 7100-01-01
K210	Fuel Pump Relay I (Cyl 1-6)	In Auxiliary Relay Box, front of RH front shock tower 7100-24-01
K211	Fuel Pump Relay II (Cyl 7-12)	In Auxiliary Relay Box, front of RH front shock tower 7100-24-01
K212	Main Relay I (Cyl 1-6)	In Auxiliary Relay Box, front of RH front shock tower 7100-24-01
K213	Main Relay II (Cyl 7-12)	In Auxiliary Relay Box, front of RH front shock tower 7100-24-01
K214	Oxygen Sensor Relay	In Auxiliary Relay Box, front of RH front shock tower 7100-24-01
K903	Cigar Lighter Relay Jumper	In Front Power Distribution Box Not in US
M1	Starter (750iL)	Lower RH side of engine, below intake manifold
M1	Starter (735i/735iL)	Lower LH side of engine, below intake manifold 7100-08-01
M2	Fuel Pump	Below luggage compartment, right of spare tire 7100-00-01



# COMPONENT LOCATION CHART

## COMPONENTS

Page-Figure

M3 . . . . .	Wiper Motor . . . . .	Behind LH fresh air cowl . . . . .	7100-05-01
M4 . . . . .	Washer Pump . . . . .	RH front of engine compartment, on washer fluid reservoir . . . . .	7100-02-02
M5 . . . . .	Intensive Wash Pump . . . . .	RH front of engine compartment, on washer fluid reservoir . . . . .	7100-02-02
M6 . . . . .	Wiper Pressure Control Motor (ADV) . . . . .	Below LH side of fresh air cowl . . . . .	7100-05-03
M7 . . . . .	Headlight Washer Pump . . . . .	LH front of engine compartment, on washer fluid reservoir . . . . .	7100-03-02
M8 . . . . .	Fog Light Washer Pump . . . . .	LH front of engine compartment, on washer fluid reservoir . . . . .	7100-03-02
M9 . . . . .	Auxiliary Fan Motor . . . . .	Center front of engine compartment, behind bumper . . . . .	7100-03-02
M11 . . . . .	Fuel Pump II . . . . .	Below luggage compartment, right of spare tire . . . . .	
M12 . . . . .	Driver's Door Lock Motor . . . . .	Top rear of door . . . . .	7100-06-02
M13 . . . . .	Passenger's Door Lock Motor . . . . .	Top rear of door . . . . .	7100-06-02
M14 . . . . .	Right Rear Door Lock Motor . . . . .	Top rear of door . . . . .	7100-31-03
M15 . . . . .	Left Rear Door Lock Motor . . . . .	Top rear of door . . . . .	7100-31-03
M16 . . . . .	Gas Filler Lock Motor . . . . .	In luggage compartment, behind RH wheel well . . . . .	7100-01-02
M17 . . . . .	Trunk Lock Motor . . . . .	In luggage compartment, right of lid lock assembly . . . . .	7100-00-03
M20 . . . . .	Left Rear Window Motor . . . . .	Lower front of door . . . . .	7100-31-03
M21 . . . . .	Driver's Window Motor . . . . .	Lower front of door . . . . .	7100-06-02
M22 . . . . .	Right Rear Window Motor . . . . .	Lower front of door . . . . .	7100-31-03
M23 . . . . .	Passenger's Window Motor . . . . .	Lower front of door . . . . .	7100-06-02
M24 . . . . .	Sunroof Motor . . . . .	In center of windshield header, near rear view mirror . . . . .	7100-10-03
M25 . . . . .	Cruise Control Actuator (Tempomat) . . . . .	Left center of engine compartment, ahead of shock tower . . . . .	7100-04-01
M26 . . . . .	Left Rear Seat Movement Motor . . . . .	Underside of RH rear seat . . . . .	7100-32-03
M29 . . . . .	Right Rear Seat Movement Motor . . . . .	Underside of RH rear seat . . . . .	7100-32-03
M30 . . . . .	Blower Motor . . . . .	Below center of cowl, behind coolant expansion tank support panel . . . . .	
M31 . . . . .	Left Footwell Flap Motor . . . . .	Below LH side of dash, on LH side of IHKA/HR plenum . . . . .	7100-13-03
M32 . . . . .	Right Footwell Flap Motor . . . . .	Below RH side of dash, on RH side of IHKA/HR plenum . . . . .	7100-14-01
M33 . . . . .	Right Ventilation Flap Motor . . . . .	Below RH side of dash, on RH side of IHKA/HR plenum . . . . .	7100-14-01
M34 . . . . .	Right Mixing Flap Motor . . . . .	In center of dash, right of radio . . . . .	7100-13-02



## COMPONENT LOCATION CHART

### COMPONENTS

		Page-Figure
M35	Defroster Flap Motor	Below LH side of dash, on lower left side of IHKA/HR plenum . . . . . 7100-14-02
M36	Fresh Air Flap Motor	Below LH side of dash, on left side of IHKA/HR plenum . . . . . 7100-14-02
M37	Water Pump	LH rear of engine compartment, on engine bulkhead . . . . . 7100-09-01
M38	Left Ventilation Flap Motor	In LH side of dash, on left side of IHKA plenum . . . . . 7100-15-01
M39	Left Mixing Flap Motor	In center of dash, left of radio . . . . . 7100-13-03
M40	Air Circulation Flap Motor	Below LH side of dash, on left side of IHKA plenum . . . . . 7100-14-02
M41	Rear Compartment Flap Motor	In front of console, on lower rear of IHKA/HR plenum . . . . . 7100-15-01
M49	Driver's Seat Belt Actuator	Not in US
M50	Driver's Seat Cushion Tilt Motor	Under driver's seat . . . . . 7100-28-02
M51	Driver's Seat Movement Motor	Under driver's seat . . . . . 7100-27-03
M52	Driver's Seat Height Motor	Under driver's seat . . . . . 7100-28-02
M53	Driver's Seatback Recliner Motor	Under driver's seat . . . . . 7100-28-02
M54	Driver's Headrest Motor	In top RH corner of driver's seatback . . . . . 7100-31-02
M55	Driver's Seat Lumbar Support Motor	In driver's seatback
M56	Passenger's Seat Lumbar Support Motor	In passenger's seatback
M57	Passenger's Seat Headrest Motor	In top RH corner of passenger's seatback . . . . . 7100-31-02
M58	Passenger's Seatback Recliner Motor	Under passenger's seat . . . . . 7100-28-03
M59	Passenger's Seat Height Motor	Under passenger's seat . . . . . 7100-28-03
M60	Passenger's Seat Movement Motor	Under passenger's seat . . . . . 7100-28-03
M61	Passenger's Seat Cushion Tilt Motor	Under passenger's seat . . . . . 7100-28-03
M62	Passenger's Seat Belt Motor	Not in US
M200	Throttle Position Motor	Top of engine, on throttle body . . . . . Not in US
M201	E-Box Fan	In E-Box, below modules
M202	Throttle Position Motor I (Cyl 1-6)	. . . . . 7100-36-02
M203	Throttle Position Motor II (Cyl 7-12)	. . . . . 7100-36-03
N1	Antitheft Module (DWA)	Under LH side of rear seat, ahead of Rear Power Distribution Box . . . . . 7100-19-03



# COMPONENT LOCATION CHART

## COMPONENTS

COMPONENTS		Page-Figure
N2	Final Stage Unit	In left side of RH footwell, ahead of IHKA/HR plenum . . . . . 7100-13-01
N4	On-Board Computer	Center of dash, right of radio
N6	Headlight/Front Fog Light Module (SRA) (750iL)	LH side of engine compartment, in Relay Box . . . . . 7100-34-02
N6	Headlight/Front Fog Light Module (SRA) (735i/735iL)	LH side of engine compartment, in Relay Box . . . . . 7100-22-03
N8	Antenna Amplifier	In LH C pillar . . . . . 7100-21-03
N13	Infra-Red Locking Control Unit	Below LH side of rear seat . . . . . 7100-16-01
N14	Infra-Red Receiver	In center of windshield header, near rear view mirror
N17	Crash Control Unit	In Front Power Distribution Box . . . . . 7100-11-01
R1	Temperature Distribution Potentiometer	Above radio, in dash center IHKA/HR outlets
R5	Headrest Potentiometer	On M54 Driver's Headrest Motor
R6	Seat Height Potentiometer	On M52 Driver's Seat Height Motor
R7	Seatback Potentiometer	On M53 Driver's Recliner Motor
R8	Seat Cushion Rear Height Potentiometer	On M50 Driver's Seat Cushion Tilt Motor
R9	Seat Cushion Movement Potentiometer	On M51 Driver's Seat Movement Motor
R10	Pedal Position Sensor	Under LH side of dash, RH side of brake pedal . . . . . 7100-06-01
S2	Ignition Switch	Top RH side of steering column
S3	Automatic Transmission Range Switch	Under console, at base of shifter . . . . . 7100-21-02
S4	Horn Switch	Top of steering column, in steering wheel
S19	Underhood Light Switch	LH front of hood . . . . . 7100-24-02
S20	Radio Antitheft Switch (DWA)	In dash, behind radio . . . . . 7100-06-03
S21	Engine Hood Switch	RH rear of engine compartment, rear of shock tower . . . . . 7100-12-01
S22	Battery Switch	Under RH side of rear seat, near battery . . . . . 7100-19-01
S23	Trunk Lid Switch	Center of rear panel, below trunk latch . . . . . 7100-00-03
S24	Rear Seat Switch	Under RH side of rear seat, right of battery . . . . . 7100-19-01
S27	Inertia Switch	Under center of rear seat, right of Rear Power Distribution Box . . . . . 7100-20-02
S29	Brake Light Switch	Under LH side of dash, on brake pedal . . . . . 7100-06-01
S31	Park Brake Switch	Under console, on rear of park brake lever . . . . . 7100-15-02



# COMPONENT LOCATION CHART

## COMPONENTS

			Page-Figure
S32	Clutch Switch	Under LH side of dash, left of brake pedal	7100-06-01
S36	Temperature Switch	RH top of radiator	7100-02-02
S39	Sunroof Position Switch	In center of windshield header, near rear view mirror	7100-10-03
S43	Driver's Window Limit Switch	Center front of door	7100-06-02
S44	Passenger's Window Limit Switch	Center front of door	7100-06-02
S45	Left Rear Window Limit Switch	Center front of door	7100-31-03
S46	Right Rear Window Limit Switch	Center front of door	7100-31-03
S47	Driver's Door Lock Switch	Behind driver's door lock	
S48	Driver's Door Handle Switch	Behind driver's door handle	
S49	Passenger's Door Lock Switch	Behind passenger's door lock	
S58	Driver's Seat Belt Switch	In driver's seat belt buckle	
S59	Passenger's Seat Belt Switch	In passenger's seat belt buckle	
S60	Hydraulic Switch	Below rear of car, right of differential	Not in US
S61	Trunk Lid Switch	In trunk lid, near trunk lock	
S63	Coolant Level Switch (750iL)	Top of coolant reservoir	7100-35-02
S63	Coolant Level Switch (735i/735iL)	Top of coolant reservoir	7100-02-01
S64	Washer Fluid Level Switch	RH side of washer fluid reservoir	7100-02-02
S65	Power Steering Fluid Level Switch (750iL)	LH side of engine compartment, on Power Steering Fluid Container	7100-35-03
S65	Power Steering Fluid Level Switch (735i/735iL)	LH front of engine, on Power Steering Fluid Container	7100-04-01
S70	Safety Switch	Ahead of LH shock tower	7100-11-02
S71	Left Front Crash Sensor	Ahead of LH shock tower	7100-11-02
S72	Right Front Crash Sensor	Ahead of RH shock tower	7100-11-03
S95	Hydraulic Switch		Not in US
S100	Rear Vent Flap Switch	In rear of console, on rear vent flap	7100-20-03
S200	Throttle Switch	Top of engine, on throttle body	7100-02-01
S302	Manual Transmission Back-Up Switch	Top RH side of transmission	
T200	Ignition Coil	RH side of engine compartment, at strut tower	7100-01-03



# COMPONENT LOCATION CHART

## COMPONENTS

			Page-Figure
T201	Ignition Coil I (Cyl 1-6)	RH front of engine compartment	7100-36-01
T202	Ignition Coil II (Cyl 7-12)	LH front of engine compartment	7100-36-02
V4	Driver's Day Light Coding Diode	In front of dash, near light switch	Not in US
Y1	ABS Hydraulic Unit (750iL)	LH front of engine compartment, behind headlight	7100-37-02
Y1	ABS Hydraulic Unit (735i/735iL)	LH center of engine compartment, near shock tower	7100-04-02
Y2	Compressor Clutch (IHKA)	RH front of engine	7100-03-01
Y3	Compressor	RH front of engine	
Y4	Water Valve Assembly	LH rear of engine compartment, on engine bulkhead	7100-09-01
Y7	Park Heating Metering Pump	Below rear of car, near RH rear wheel	Not in US
Y8	Hydraulic Height Level Control System	In rear of car, in spare tire housing	Not in US
Y11	Solenoid Valve 1	On LH side of engine, near oil filter	Not in US
Y12	Solenoid Valve 2	On LH side of engine, near oil filter	Not in US
Y82	EDC Right Front Shock Absorber	Top of RH front shock tower	Not in US
Y201	Fuel Injector 1	Top of engine, near B207 Coolant Temperature Sender	
Y202	Fuel Injector 2	Top of engine, on intake manifold	
Y203	Fuel Injector 3	Top of engine, on intake manifold	
Y204	Fuel Injector 4	Top of engine, on intake manifold	
Y205	Fuel Injector 5	Top of engine, on intake manifold	
Y206	Fuel Injector 6	Top of engine, on intake manifold	
Y207	Fuel Injector 7	Top of engine, on intake manifold	
Y208	Fuel Injector 8	Top of engine, on intake manifold	
Y209	Fuel Injector 9	Top of engine, on intake manifold	
Y210	Fuel Injector 10	Top of engine, on intake manifold	
Y211	Fuel Injector 11	Top of engine, on intake manifold	
Y212	Fuel Injector 12	Top of engine, on intake manifold	
Y213	Evaporative Purge Valve	LH side of engine, right of oil filter	7100-23-03
Y214	Idle Speed Actuator	On center rear of throttle body	7100-02-01
Y221	Evaporative Purge Valve I (Cyl 1-6)	LH front of engine compartment	



# COMPONENT LOCATION CHART

## COMPONENTS

Page-Figure

Y222 . . . .	Evaporative Purge Valve II (Cyl 7-12) . . . . .	RH front of engine compartment . . . . .	7100-36-03
Y300 . . . .	Transmission . . . . .	LH rear side of transmission . . . . .	7100-07-03
X1.0 . . . .	Junction Post . . . . .	Behind LH side of dash . . . . .	7100-41-01
X1.1 . . . .	Junction Post . . . . .	LH rear corner of engine compartment . . . . .	7100-40-03
X1.2 . . . .	Junction Post . . . . .	LH rear corner of engine compartment . . . . .	7100-40-03
X13 . . . .	Connector (30 pins) . . . . .	Below left side of dash, above footrest . . . . .	7100-08-03
X14 . . . .	Connector (30 pins) . . . . .	Below left side of dash, above footrest . . . . .	7100-08-03
X15 . . . .	Connector (30 pins) . . . . .	Below left side of dash, near hood release lever . . . . .	7100-23-01
X16 . . . .	Connector (26 pins) . . . . .	On A2 Instrument Cluster . . . . .	7100-22-01
X17 . . . .	Connector (6 pins) . . . . .	On A2 Instrument Cluster . . . . .	7100-22-01
X18 . . . .	Connector (26 pins) . . . . .	On A4 Check Control Module (Blue)	
X19 . . . .	Connector (26 pins) . . . . .	On A4 Check Control Module (Green)	
X20 . . . .	Connector (20 pins) (735i/735iL) . . . . .	LH rear of engine compartment, near shock tower . . . . .	7100-09-01
X20 . . . .	Connector (20 pins) (750iL) . . . . .	LH rear of engine compartment, near shock tower . . . . .	7100-34-03
X21 . . . .	Connector (20 pins) (735i/735iL) . . . . .	LH rear of engine compartment, near shock tower . . . . .	7100-09-01
X21 . . . .	Connector (20 pins) (750iL) . . . . .	LH rear of engine compartment, near shock tower . . . . .	7100-34-03
X32 . . . .	Connector (12 pins) . . . . .	Below LH side of dash, LH side of steering column . . . . .	7100-26-02
X33 . . . .	Connector (12 pins) . . . . .	Below LH side of dash, LH side of steering column . . . . .	7100-26-02
X34 . . . .	Connector (21 pins) . . . . .	Below LH side of dash, near hood release lever . . . . .	7100-23-01
X36 . . . .	Connector (21 pins) . . . . .	Below LH side of dash, near hood release lever . . . . .	7100-23-01
X65 . . . .	Connector (8 pins) . . . . .	In Front Power Distribution Box (see Section 0660)	
X69 . . . .	Connector (8 pins) . . . . .	In E-Box, behind RH front shock tower	
X72 . . . .	Connector (8 pins) . . . . .	Below LH side of dash, LH side of steering column . . . . .	7100-26-02
X73 . . . .	Connector (10 pins) . . . . .	Under dash, right of steering column	
X74 . . . .	Connector (8 pins) . . . . .	Under LH side of dash, above footrest . . . . .	7100-08-03
X75 . . . .	Connector (6 pins) . . . . .	Under LH side of dash, above footrest . . . . .	7100-08-03
X78 . . . .	Connector (4 pins) . . . . .	At top of brake pedal support	
X79 . . . .	Connector (4 pins) . . . . .	In E-Box, behind RH front shock tower	



# COMPONENT LOCATION CHART

## COMPONENTS

			Page-Figure
X82	Connector (3 pins)	RH front of engine compartment, on radiator housing	7100-36-01
X83	Connector (3 pins)	By driver's footrest, behind speaker	7100-26-01
X84	Connector (3 pins)	By driver's footrest, behind speaker	7100-26-01
X88	Connector (3 pins)	On left of steering column	
X95	Connector (3 pins)	RH front of engine compartment	7100-39-01
X96	Connector (3 pins)	Lower left rear side of engine	
X101	Connector (2 pins)	In watertight compartment, behind RH front shock tower	Not in US
X113	Connector (2 pins)	RH rear of engine compartment, near base of shock tower	7100-18-01
X114	Connector (2 pins)	LH rear of engine compartment, bottom of shock tower	7100-23-02
X115	Connector (2 pins)	Ahead of LH shock tower, inside safety switch	
X118	Connector (2 pins)	On LH front wheel, above brake caliper	7100-07-02
X122	Connector (2 pins)	LH rear of engine compartment, on engine bulkhead	7100-09-01
X142	Connector (2 pins)	Below LH side of rear seat, behind Rear Power Distribution Box	7100-16-02
X143	Connector (2 pins)	Below RH side of rear seat, behind Battery	7100-16-03
X162	Connector (1 pin)	On E55 Front Defogger	
X163	Connector (1 pin)	RH front of engine compartment, by washer fluid reservoir	Not in US
X165	Ground	Below LH side of dash, left of steering column	7100-32-01
X166	Ground (750iL)	LH front of engine compartment, ahead of wheel well	7100-38-01
X166	Ground (735i/735iL)	LH front of engine compartment, ahead of wheel well	7100-05-02
X167	Ground (735i/735iL)	LH front of engine compartment, ahead of wheel well	7100-05-02
X167	Ground (750iL)	LH front of engine compartment, ahead of wheel well	7100-38-01
X170	Ground	LH side of engine compartment, on Y1 ABS Hydraulic Unit	7100-23-02
X172	Ground (735i/735iL)	LH front of engine compartment	7100-05-02
X172	Ground (750iL)	LH front of engine compartment	
X173	Ground	RH front of engine compartment, ahead of wheel well	7100-38-02
X251	Connector (30 pins)	Below left side of dash, near hood release lever	7100-23-01
X252	Connector (26 pins)	On N1 Antitheft Module (DWA)	





## COMPONENT LOCATION CHART

### COMPONENTS

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X253	Connector (26 pins)	On A1 General Module (Green)	
X254	Connector (26 pins)	On A1 General Module (White)	
X255	Connector (26 pins)	On A1 General Module (Yellow)	
X256	Connector (26 pins)	Ahead of RH front door, in wire grommet	7100-12-03
X257	Connector (26 pins)	Ahead of LH front door, in wire grommet	7100-12-03
X258	Connector (20 pins)	On A5 Relay Module (Black)	
X259	Connector (20 pins)	On A5 Relay Module (White)	
X260	Connector (21 pins)	Below RH side of rear seat, near battery	7100-33-02
X271	Connector (12 pins)	On A2 Instrument Cluster	7100-22-01
X272	Connector (12 pins)	Below LH side of rear seat, near Rear Power Distribution Box	7100-16-01
X273	Connector (12 pins)	Ahead of LH rear door, in wire grommet	7100-12-02
X274	Connector (12 pins)	Ahead of RH rear door, in wire grommet	7100-12-02
X275	Connector (12 pins)	Below driver's seat, under carpet	7100-29-02
X277	Connector (10 pins)	Ahead of LH rear door, in wire grommet	7100-12-02
X278	Connector (10 pins)	Ahead of RH rear door, in wire grommet	7100-12-02
X279	Connector (12 pins)	Below passenger's seat	7100-29-01
X295	Connector (8 pins)	Below LH side of dash	7100-26-02
X298	Connector (8 pins)	Behind luggage compartment trim panel, below LH lid hinge	7100-00-02
X316	Connector (6 pins)	On S40 Front Console Window Switch Assembly (White)	
X317	Connector (6 pins)	On S40 Front Console Window Switch Assembly (Black)	
X318	Connector (6 pins)	In luggage compartment, behind RH light assembly	Not in US
X319	Connector (6 pins)	In luggage compartment, behind LH light assembly	Not in US
X321	Connector (6 pins)	Below LH side of dash, left of steering column	Not in US
X322	Connector (6 pins)	Below LH side of rear seat, near Rear Power Distribution Box	7100-16-01
X331	Connector (5 pins)	On N1 Antitheft Module (DWA)	



# COMPONENT LOCATION CHART

## COMPONENTS

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X332	Connector (5 pins)	On A1 General Module (Black)	
X335	Connector (4 pins)	On N1 Antitheft Module (DWA)	
X337	Connector (4 pins)	Below LH side of rear seat, near Rear Power Distribution Box.	7100-20-02
X379	Connector (2 pins)	On E10 Rear Defogger	
X380	Connector (2 pins)	On E10 Rear Defogger	
X390	Connector (2 pins)	RH side of passenger's footwell, behind speaker panel	7100-17-02
X391	Connector (2 pins)	Below rear of console	7100-15-02
X393	Connector (2 pins)	In LH rear corner of luggage compartment	Not in US
X399	Connector (2 pins)	In LH rear corner of luggage compartment	Not in US
X400	Connector (3 pins)	Behind rear seat back, left of RH wheel well	7100-18-03
X403	Connector (2 pins)	LH side of driver's footwell	7100-41-03
X419	Connector (1 pin)	Below LH side of rear seat, near Rear Power Distribution Box	
X420	Connector (1 pin)	Below LH side of rear seat, near Rear Power Distribution Box	
X421	Connector (1 pin)	On E55 Front Defogger	
X490	Ground	Below LH side of dash, left of steering column	7100-32-01
X491	Ground	Below LH side of dash, left of steering column	7100-32-01
X492	Ground	Below LH side of rear seat, near Rear Power Distribution Box	7100-20-01
X493	Ground	Below LH side of rear seat, near Rear Power Distribution Box	7100-20-01
X494	Ground	Under RH side of rear seat, right of Battery	7100-19-02
X495	Ground	Under RH side of rear seat, right of battery	Not in US
X496	Ground	Under RH side of rear seat, right of battery	Not in US
X497	Ground	Under RH side of rear seat, right of battery	7100-19-02
X497	Ground (Battery)	Ahead of RH side of rear seat, under carpet	7100-19-01



# COMPONENT LOCATION CHART

## COMPONENTS

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X498	Ground	Under RH side of rear seat, right of Battery	7100-19-02
X502	Connector (26 pins)	On A2 Instrument Cluster	7100-22-01
X506	Connector (12 pins)	Below center console, front of shifter	7100-21-02
X512	Connector (8 pins)	Behind glove box	7100-15-03
X515	Connector (6 pins)	Below LH side of dash, left of steering column	Not in US
X518	Connector (4 pins)	On H10 Chime Module (Black)	7100-25-03
X519	Connector (4 pins)	Below RH side of dash, at kick panel	7100-17-02
X520	Connector (3 pins)	Under LH side of console, near shifter	7100-21-02
X522	Connector (3 pins)	On H10 Chime Module (White)	7100-25-03
X528	Connector (8 pins)	Below LH side of dash, left of steering column	7100-42-01
X533	Connector (2 pins)	On N9 Radio	
X534	Connector (2 pins)	On N9 Radio	
X535	Connector (2 pins)	On N9 Radio	
X536	Connector (2 pins)	On N9 Radio	
X542	Connector (2 pins)	In LH side of glove box	
X545	Connector (2 pins)	On N9 Radio	
X546	Connector (2 pins)	In center of console, LH side of manual gear selector	7100-27-01
X551	Connector (1 pin)	On N9 Radio	
X553	Connector (1 pin)	On N9 Radio	
X601	Connector (26 pins)	On A21 Memory Seats/Mirrors Control Unit (Yellow)	7100-28-01
X602	Connector (26 pins)	On A21 Memory Seat/Mirrors Control Unit (White)	7100-27-03
X605	Connector (12 pins)	On A18 HIFI Amplifier (Black)	
X606	Connector (12 pins)	On A18 HIFI Amplifier (White)	
X608	Connector (11 pins)	On E50 Park Heating Unit (Black)	
X610	Connector (26 pins)	On A10 (HR) Unit or A11 (IHKA) Unit (White)	7100-14-03
X611	Connector (26 pins)	On A10 (HR) Unit or A11 (IHKA) Unit (Green)	7100-14-03
X612	Connector	On S26 Automatic Heating and Air Conditioning Switch (IHKA) or S33 Heater Control Switch (HR) (Blue)	



# COMPONENT LOCATION CHART

## COMPONENTS

		Page-Figure
X613	Connector (26 pins)	On A10 (HR) Unit or A11 (IHKA) Unit (Blue) . . . . . 7100-13-01
X614	Connector (26 pins)	On A10 (HR) Unit or A11 (IHKA) Unit (Yellow). . . . . 7100-13-01
X619	Connector (12 pins)	Under rear seat
X621	Connector (10 pins)	Ahead of RH front door, in wire grommet . . . . . 7100-12-03
X622	Connector (10 pins)	Ahead of LH front door, in wire grommet . . . . . 7100-12-03
X626	Connector (8 pins)	Under driver's seat. . . . . 7100-28-01
X627	Connector (8 pins)	In center of windshield header, near rear view mirror. . . . . 7100-10-03
X628	Connector (3 pins)	In RH corner of luggage compartment . . . . . Not in US
X629	Connector (8 pins)	On A14 Park Heating/Ventilation Control Unit (Natural)
X630	Connector (13 pins)	Rear of car . . . . . 7100-10-02
X634	Connector (6 pins)	Underside of RH rear seat . . . . . 7100-32-03
X635	Connector (6 pins)	Underside of LH rear seat . . . . . 7100-32-03
X638	Connector (6 pins)	Below luggage compartment, right of spare tire . . . . . 7100-00-01
X642	Connector (6 pins)	On A14 Park Heating/Ventilation Control Unit (Black)
X648	Connector (6 pins)	On A21 Memory Seats/Mirrors Control Unit (Black) . . . . . 7100-28-01
X649	Connector (6 pins)	On A21 Memory Seats/Mirrors Control Unit (White) . . . . . 7100-28-01
X653	Connector (6 pins)	On A21 Memory Seat/Mirrors Control Unit (Black) . . . . . 7100-27-03
X654	Connector (6 pins)	On A21 Memory Seats/Mirrors Control Unit (White) . . . . . 7100-27-03
X655	Connector (6 pins)	On A21 Memory Seats/Mirrors Control Unit (Blue) . . . . . 7100-27-03
X656	Connector (6 pins)	On A21 Memory Seats/Mirrors Control Unit (Green). . . . . 7100-27-03
X657	Connector (6 pins)	On A21 Memory Seats/Mirrors Control Unit (Brown). . . . . 7100-27-03
X659	Connector (6 pins)	Below passenger's seat . . . . . 7100-29-01
X672	Connector (4 pins)	On A20 Booster/Amplifier
X673	Connector (4 pins)	Under rear seat
X674	Connector (4 pins)	Under rear seat
X681	Connector (3 pins)	Behind glove box . . . . . 7100-15-03
X682	Connector (3 pins)	On S26 Automatic Heating and Air Conditioning Switch (IHKA) or S33 Heater Control Switch (HR) (Natural)



# COMPONENT LOCATION CHART

## COMPONENTS

Page-Figure

X683	Connector (3 pins)	By driver's footrest, behind speaker	Not in US
X684	Connector (3 pins)	In passenger's door, near door handle (Black)	7100-29-03
X685	Connector (3 pins)	In driver's door, near door handle (Black)	7100-29-03
X692	Connector (3 pins)	In center of dash, behind LH side of radio	7100-21-01
X693	Connector (3 pins)	On S26 Automatic Heating and Air Conditioning Switch (IHKA) or S33 Heater Control Switch (HR) (Black)	
X702	Connector (2 pins)	On A20 Booster/Amplifier	
X703	Connector (2 pins)	On A20 Booster/Amplifier	
X705	Connector (2 pins)	Below car, near RH rear suspension frame attachment point	7100-18-02
X713	Connector (2 pins)	At RH rear wheel, above brake caliper	7100-09-03
X716	Connector (2 pins)	In LH rear door	7100-31-03
X717	Connector (2 pins)	In LH rear door	7100-31-03
X722	Connector (2 pins)	In RH rear door	7100-31-03
X723	Connector (2 pins)	In RH rear door	7100-31-03
X732	Connector (2 pins)	In driver's seatback	7100-31-02
X741	Connector (2 pins)	In passenger's seatback	7100-31-02
X742	Connector (2 pins)	In passenger's door, near door handle (Yellow)	7100-29-03
X747	Connector (2 pins)	In driver's door, near door handle (Yellow)	7100-29-03
X751	Connector (2 pins)	In driver's door, near door handle (White)	7100-29-03
X752	Connector (2 pins)	In driver's door, near door handle (Blue)	7100-29-03
X755	Connector (2 pins)	LH side of engine	7100-32-02
X756	Connector (2 pins)	RH rear wheel well	7100-22-02
X757	Connector (2 pins)	On E50 Park Heating Unit (Natural)	
X759	Connector (2 pins)	RH side of passenger's footwell, behind speaker panel	Not in US
X764	Connector (2 pins)	On A14 Park Heating/Ventilation Control Unit (Natural)	
X770	Connector (2 pins)	Below front of car	7100-25-02
X778	Connector (2 pins)	Near base of passenger's seat belt	



# COMPONENT LOCATION CHART

## COMPONENTS

Page-Figure

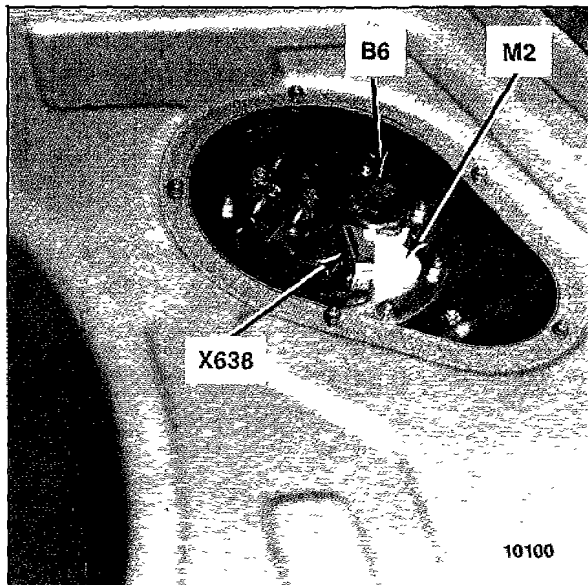
X779	Charging Plug	On LH side of glove box	
X783	Connector (2 pins)	Below steering column	7100-17-01
X784	Connector (2 pins)	Under LH side of dash, at base of steering column	7100-26-02
X785	Connector (2 pins)	LH side of engine	7100-32-02
X787	Connector (2 pins)	Below car, above rear of differential	Not in US
X795	Connector (2 pins)	Underside of LH rear seat	7100-32-03
X797	Connector (2 pins)	Underside of RH rear seat	7100-32-03
X811	Ground	Below rear seat, by right side of battery	7100-16-03
X813	Connector (1 pin)	On A20 Booster/Amplifier	
X814	Ground	Below RH side of rear seat	
X815	Connector (1 pin)	On A20 Booster/Amplifier	
X818	Ground	Below LH side of dash, left of steering column	7100-32-01
X820	Ground	Under RH side of rear seat, right of battery	7100-16-03
X905	Ground	Under RH side of rear seat	7100-19-02
X907	Connector (6 pins)	Below LH side of dash, left of steering column	Not in US
X910		LH rear side of engine compartment	7100-34-03
X926	Connector (3 pins)	Near LH side of HR plenum	
X960		Front of driver's footwell, going through firewall	7100-39-02
X961		Right rear corner of engine compartment	7100-39-03
X1184	Connector (2 pins)	In E-Box, behind RH front strut tower	
X1185	Connector (1 pin)	In E-Box, behind RH front strut tower	
X1521	Connector (3 pins)	Top front of engine, on RH side	7100-38-03
X1522	Connector (3 pins)	Top front of engine, on RH side	7100-38-03
X1523	Connector (4 pins) (735i/735iL)	Lower left rear side of engine	7100-23-03
X1523	Connector (8 pins) (750iL)	In E-Box, behind RH front shock tower	7100-34-01
X1532	Diagnostic Connector (20 pins) (750iL)	LH rear of engine compartment, right of shock tower	7100-34-03
X1532	Diagnostic Connector (20 pins) (735i/735iL)	RH rear of engine compartment, ahead of shock tower	7100-01-03
X1533	Connector (3 pins) (750iL)	LH rear of engine compartment	7100-40-01



## COMPONENT LOCATION CHART

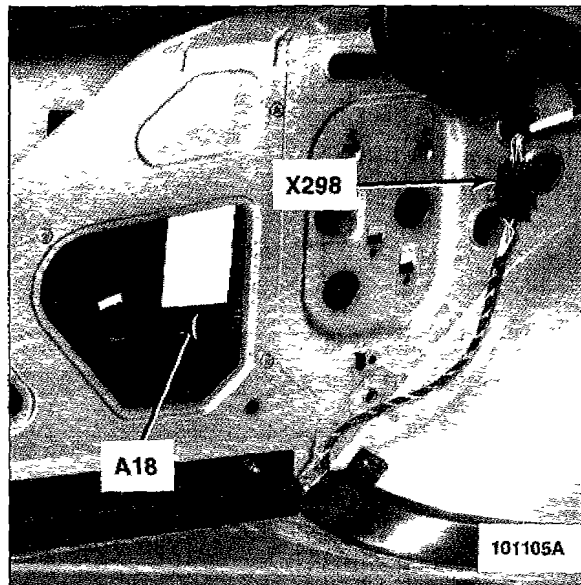
### COMPONENTS

		Page-Figure
X1533	Connector (3 pins) (735i/735iL)	Lower left rear side of engine . . . . . 7100-23-03
X1537	Connector (8 pins) (750iL)	In Auxiliary Relay Box, front of RH front shock tower . . . . . 7100-24-01
X1537	Connector (8 pins) (735i/735iL)	In E-Box, behind RH front shock tower . . . . . 7100-01-01
X1540		RH rear of engine compartment . . . . . 7100-01-01
X1541	Ground (Electronic)	RH rear of engine compartment, near shock tower . . . . . 7100-01-03
X1542	Ground (Final Stage)	RH rear of engine compartment, near shock tower . . . . . 7100-01-03
X1543		In Auxiliary Relay Box, front of RH front shock tower . . . . . 7100-24-01
X1551	Connector (2 pins)	In E-Box, behind RH front shock tower . . . . . 7100-34-01
X1552	Connector (4 pins)	In E-Box, behind RH front shock tower . . . . . 7100-34-01
X1610	Connector (6 pins)	LH front side of engine compartment . . . . . 7100-36-02
X1611	Connector (6 pins)	RH front of engine compartment . . . . . 7100-36-01
X1612	Connector (3 pins)	Front of engine, near top of fan housing . . . . . 7100-35-01
X1613	Connector (3 pins)	Front of engine, near top of fan housing . . . . . 7100-35-01
X1614	Connector (3 pins)	Front of engine, near top of fan housing . . . . . 7100-35-01
X1615	Connector (3 pins)	Front of engine, near top of fan housing . . . . . 7100-35-01
X1618	Connector (8 pins)	LH front side of engine compartment . . . . . 7100-36-02
X1619	Connector (8 pins)	RH front of engine compartment . . . . . 7100-36-03
X1620	Ground	RH rear of engine compartment, near shock tower . . . . . 7100-37-03
X1621	Ground	RH rear of engine compartment, near shock tower . . . . . 7100-37-03
X1623	Connector (8 pins)	In E-Box, behind RH front shock tower . . . . . 7100-34-01
X2001	Connector (12 pins)	Behind glove box, in RH corner . . . . . 7100-33-01
X2005	Connector (8 pins)	On LH side of transmission . . . . . 7100-07-03
X2008	Ground	Below RH side of rear seat, right of battery . . . . . 7100-19-02



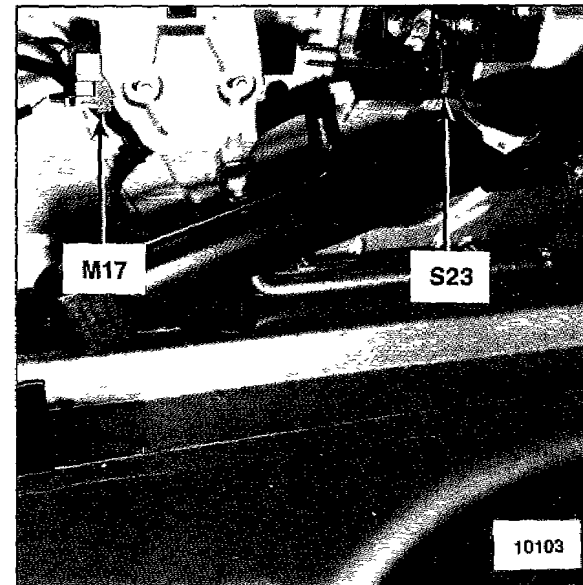
**Figure 1- RH Side Of Luggage Compartment**

- B6 Fuel Tank Sensor**
- M2 Fuel Pump (In Tank)**
- X638 Connector (6 pins)**



**Figure 2- LH Front Of Luggage Compartment**

- A18 HiFi Amplifier**
- X298 Connector (8 pins)**



**Figure 3- In Luggage Compartment, On Rear Panel**

- M17 Trunk Lock Motor**
- S23 Trunk Lid Switch**





## COMPONENT LOCATION VIEWS

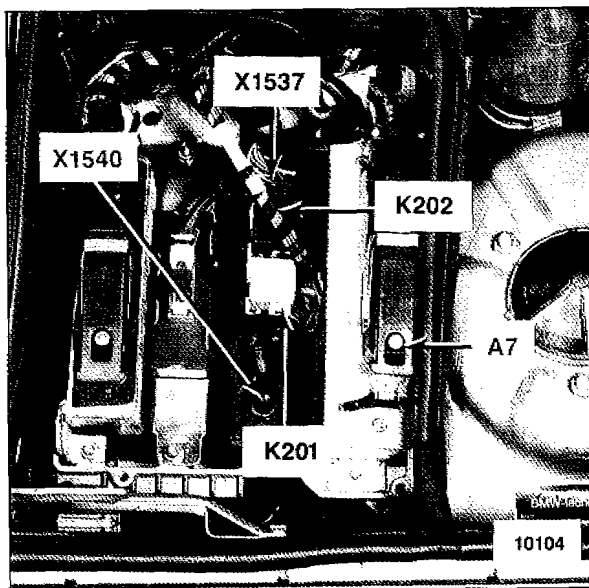


Figure 1- RH Rear Of Engine Compartment (735i/735iL)

- A7 ABS Electronic Control Unit
- K201 Fuel Pump Relay
- K202 Main Relay
- X1537 Connector (8 pins)
- X1540

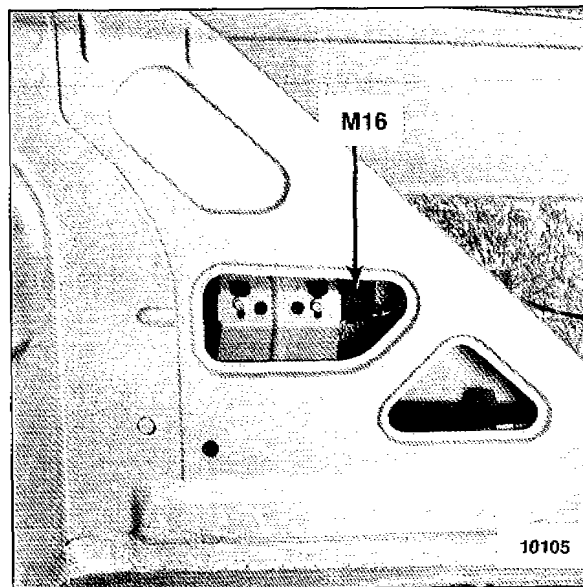


Figure 2- RH Side Of Luggage Compartment

- M16 Gas Filler Lock Motor

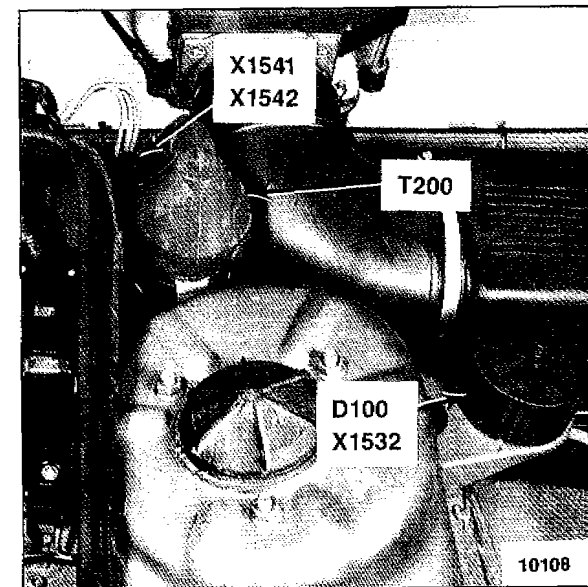


Figure 3- RH Rear Of Engine Compartment (735i/735iL)

- D100 Diagnostic Connector
- T200 Ignition Coil
- X1532 Diagnostic Connector (20 pins)
- X1541 Ground (Electronic)
- X1542 Ground (Final Stage)



# COMPONENT LOCATION VIEWS

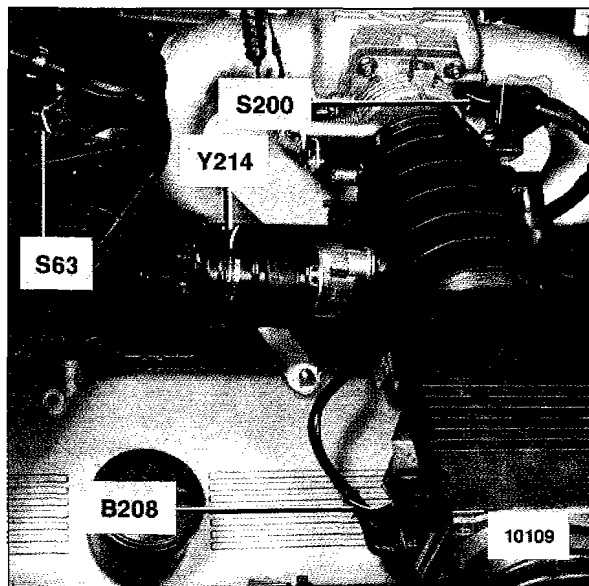


Figure 1- Top Rear Of Engine (735i/735iL)

- B208 Air Flow Meter
- S63 Coolant Level Switch
- S200 Throttle Switch
- Y214 Idle Speed Actuator

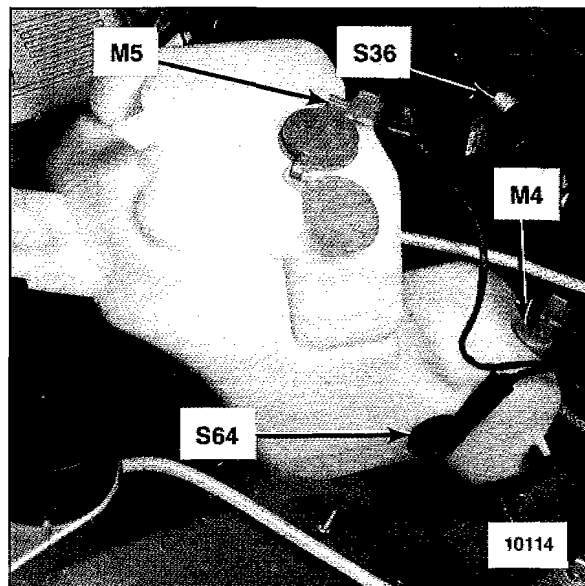


Figure 2- RH Front Of Engine Compartment (735i/735iL Shown, 750iL Similar)

- M4 Washer Pump
- M5 Intensive Wash Pump
- S36 Temperature Switch
- S64 Washer Fluid Level Switch

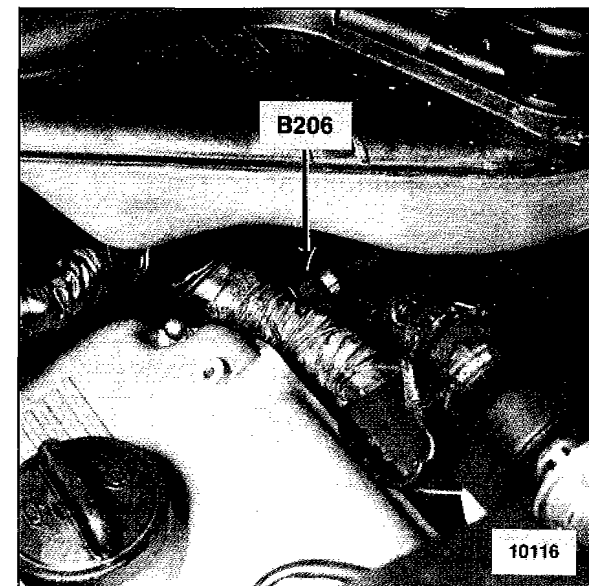


Figure 3- Rear Of Engine (735i/735iL)

- B206 Oil Pressure Switch



## COMPONENT LOCATION VIEWS

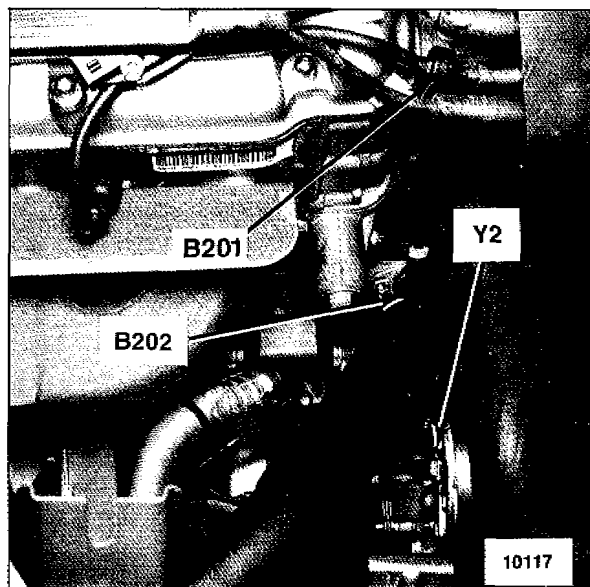


Figure 1- RH Front Of Engine (735i/735iL)

- B201 Cylinder Identification Sensor
- B202 Engine Speed/Reference Point Sensor
- Y2 Compressor Clutch (IHKA)

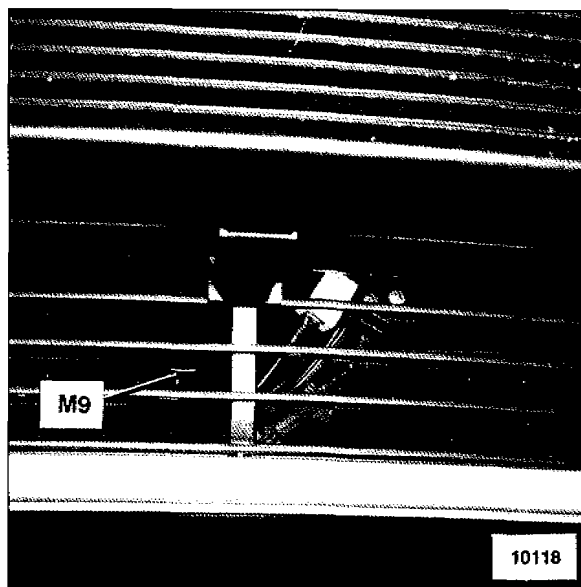


Figure 2- Front Of Car

- M9 Auxiliary Fan Motor

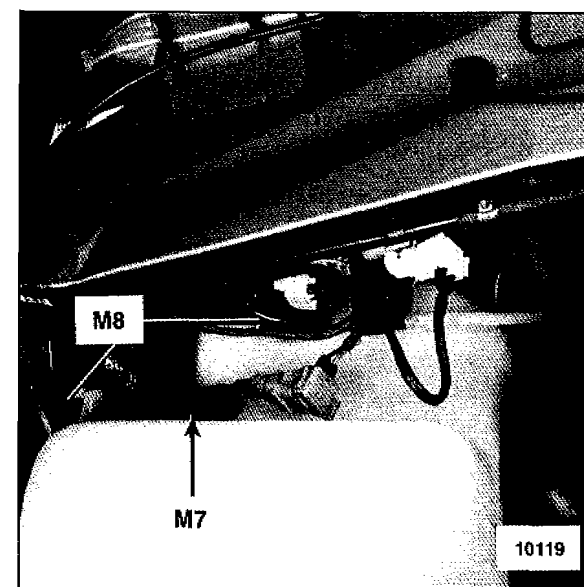


Figure 3- LH Front Of Engine Compartment (735iL)

- M7 Headlight Washer Pump
- M8 Fog Light Washer Pump



## COMPONENT LOCATION VIEWS

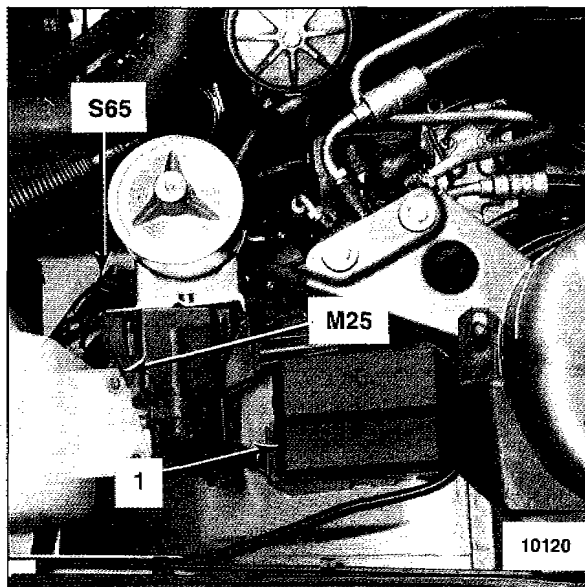


Figure 1- LH Side Of Engine  
Compartment (735i/735iL)

- 1 Auxiliary Relay Box
- M25 Cruise Control Actuator  
(Tempomat)
- S65 Power Steering Fluid Level  
Switch

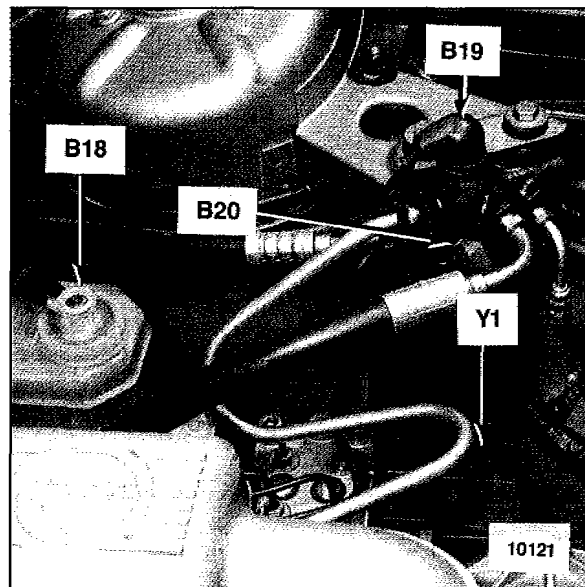


Figure 2- LH Side Of Engine  
Compartment (735i/735iL)

- B18 Brake Fluid Level Switch
- B19 Brake Pressure Regulating Switch
- B20 Brake Pressure Switch
- Y1 ABS Hydraulic Unit

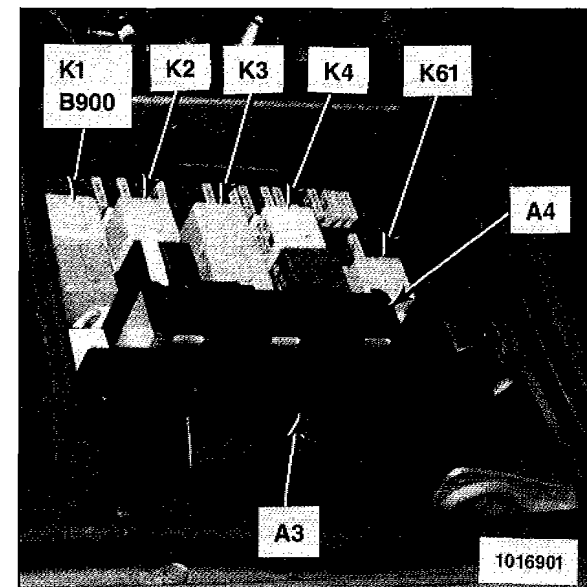
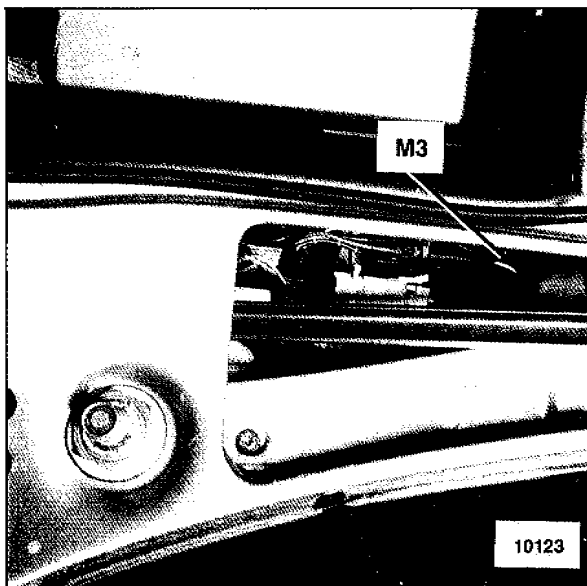


Figure 3- LH Side Of Engine  
Compartment

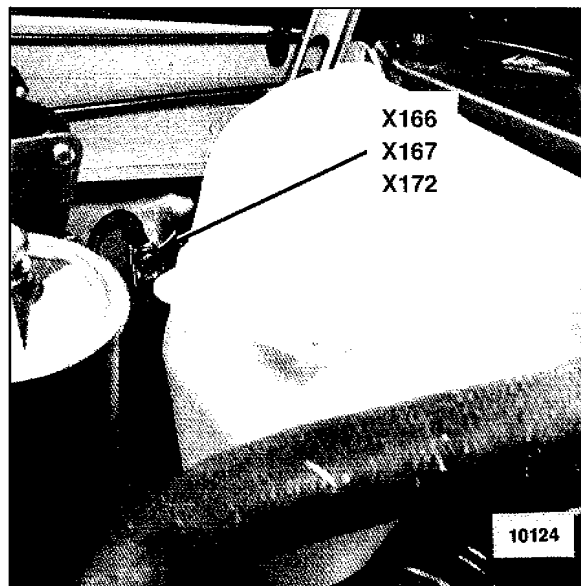
- A3 Lamp Control Module
- A4 Check Control Module
- B900 Jumper Plug (Manual)
- K1 Starter Relay (Automatic)
- K2 Horn Relay
- K3 Unloader Relay, KLR
- K4 Blower Relay
- K61 Unloader Relay

**BMW**  
**7** **COMPONENT LOCATION VIEWS**



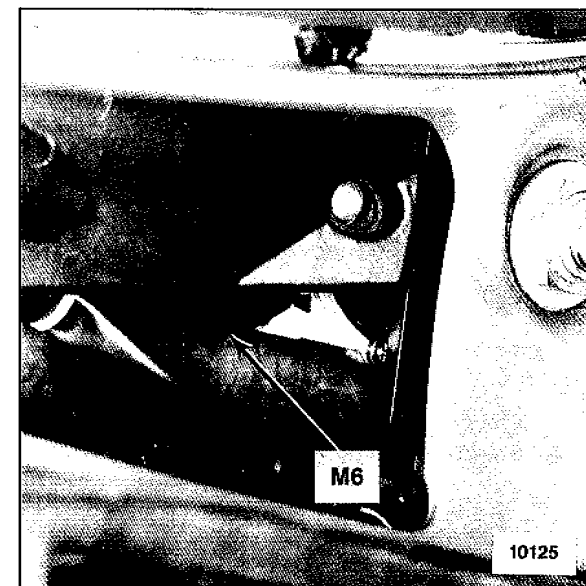
**Figure 1- Below LH Fresh Air Cowl**

**M3 Wiper Motor**



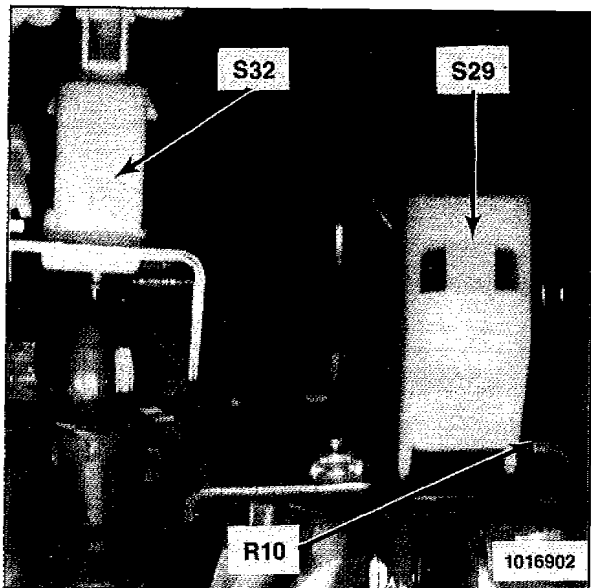
**Figure 2- LH Front Of Engine  
Compartment (735i/735iL)**

**X166 Ground**  
**X167 Ground**  
**X172 Ground**



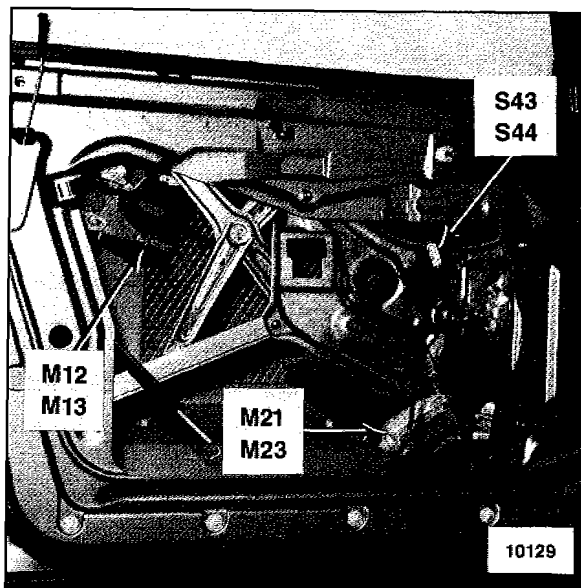
**Figure 3- Below LH Fresh Air Cowl**

**M6 Wiper Pressure Control Motor  
(ADV)**



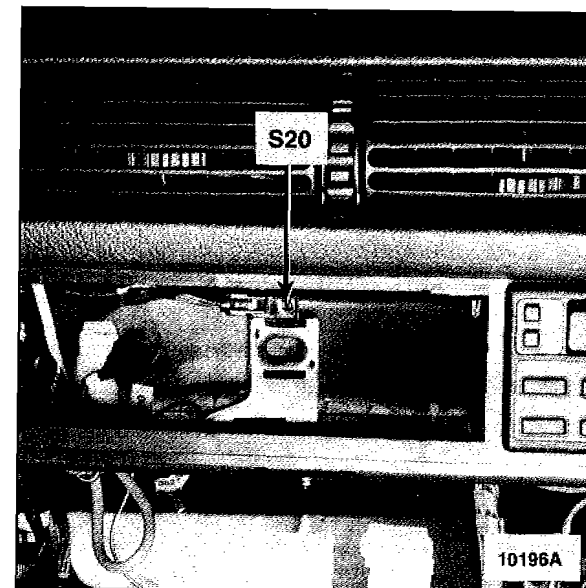
**Figure 1- Under LH Side Of Dash**

- R10 Pedal Position Sensor**
- S29 Brake Light Switch**
- S32 Clutch Switch**



**Figure 2- Behind Door Panel (Driver's Shown, 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**



**Figure 3- Center Of Dash (Radio Removed)**

- S20 Radio Antitheft Switch (DWA)**



## COMPONENT LOCATION VIEWS

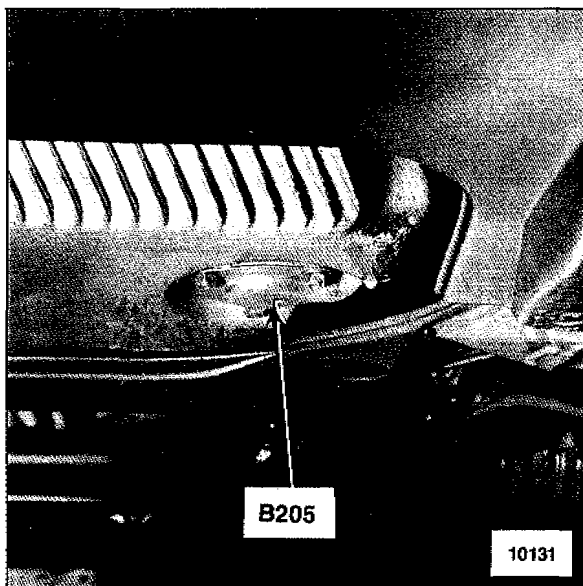


Figure 1- Under Front Of Car (735i/735iL Shown, 750iL Similar)

B205 Oil Level Sensor

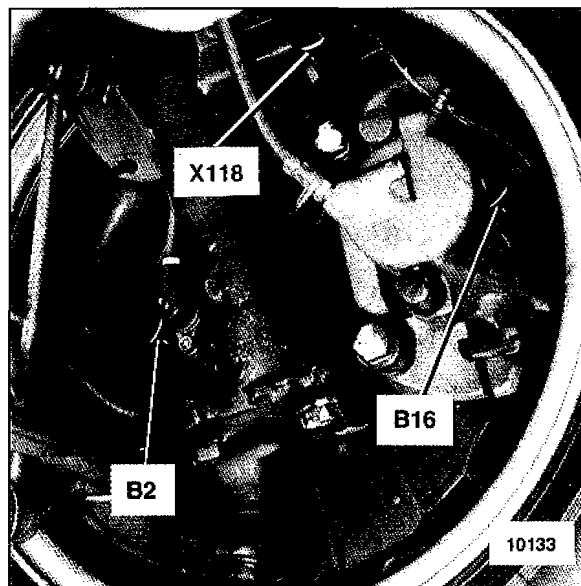


Figure 2- Behind LH Front Wheel

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

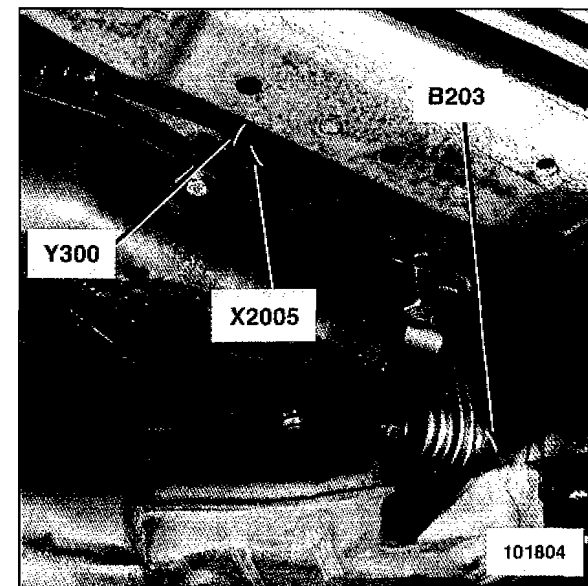


Figure 3- On LH Side Of Transmission (735i/735iL Shown, 750iL Similar)

B203 Oxygen Sensor  
Y300 Transmission  
X2005 Connector (8 pins)



## COMPONENT LOCATION VIEWS

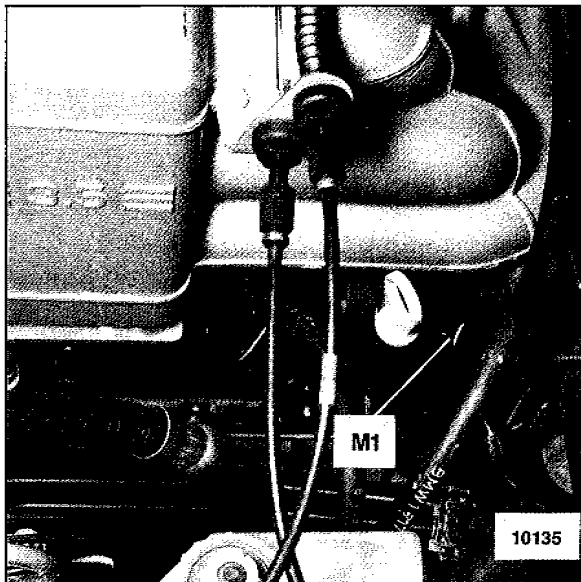


Figure 1- LH Side Of Engine (735i/735iL)

M1 Starter

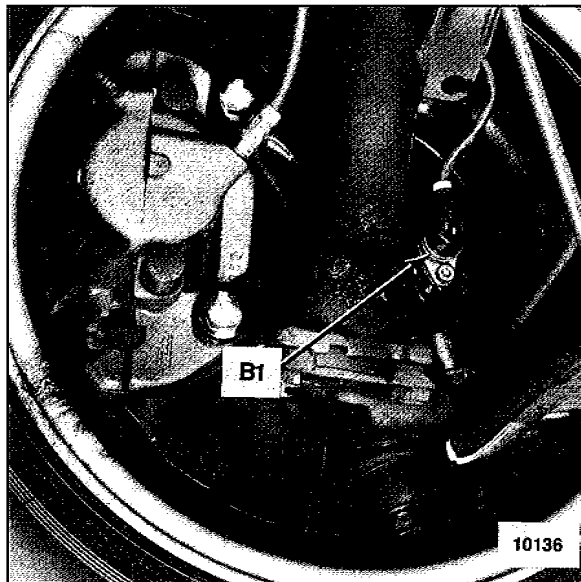


Figure 2- Behind RH Front Wheel

B1 Right Front Speed Sensor

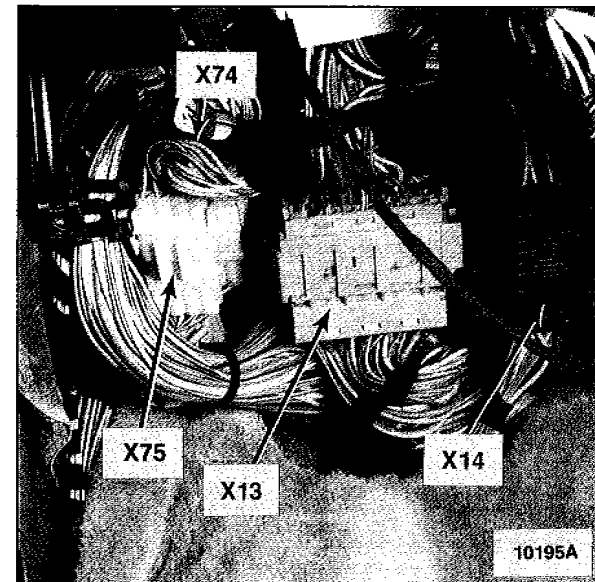


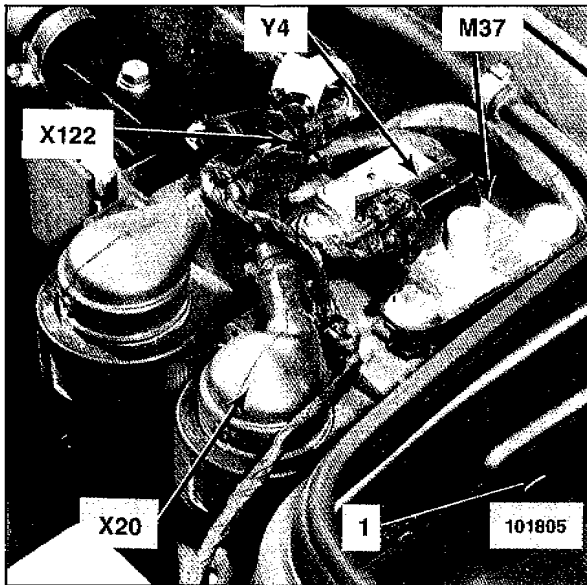
Figure 3- Below LH Side Of Dash

X13 Connector (30 pins) BL  
X14 Connector (30 pins) SW  
X74 Connector (8 pins)  
X75 Connector (6 pins)



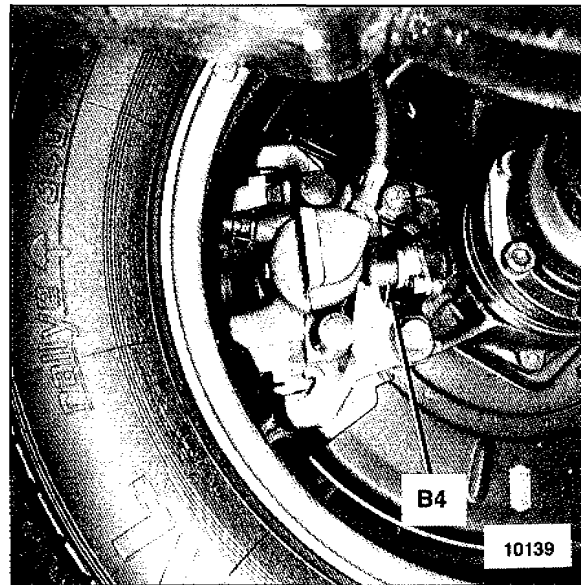
**BMW** COMPONENT LOCATION VIEWS

**7**



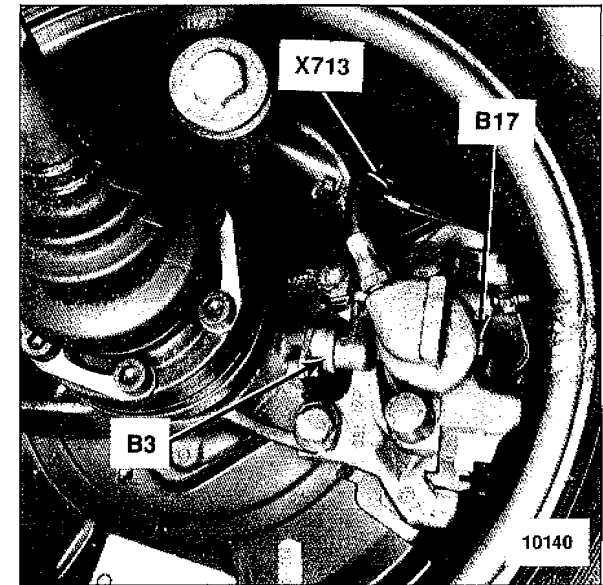
**Figure 1- LH Rear Of Engine Compartment (735i/735iL)**

- 1 Front Power Distribution Box**
- M37 Water Pump**
- Y4 Water Valve Assembly**
- X20 Connector (20 pins)**
- X21 Connector (20 pins)**
- X122 Connector (2 pins)**



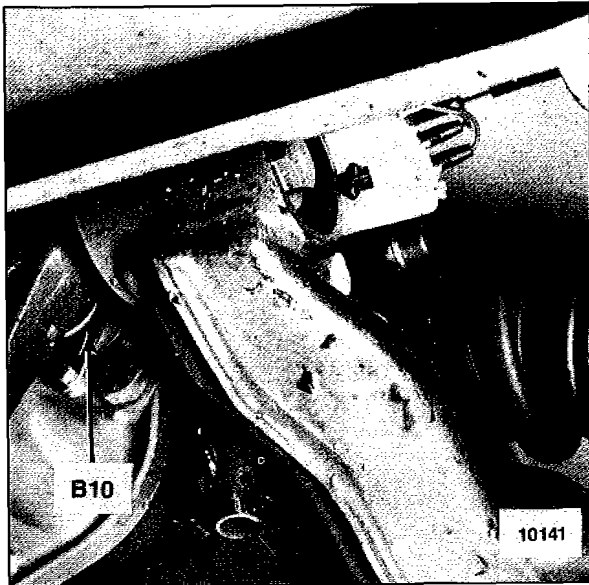
**Figure 2- Behind LH Rear Wheel**

- B4 Left Rear Speed Sensor**

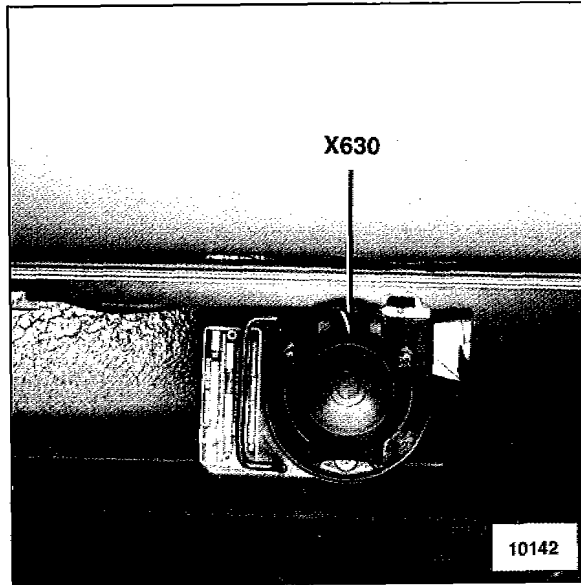


**Figure 3- Behind RH Rear Wheel**

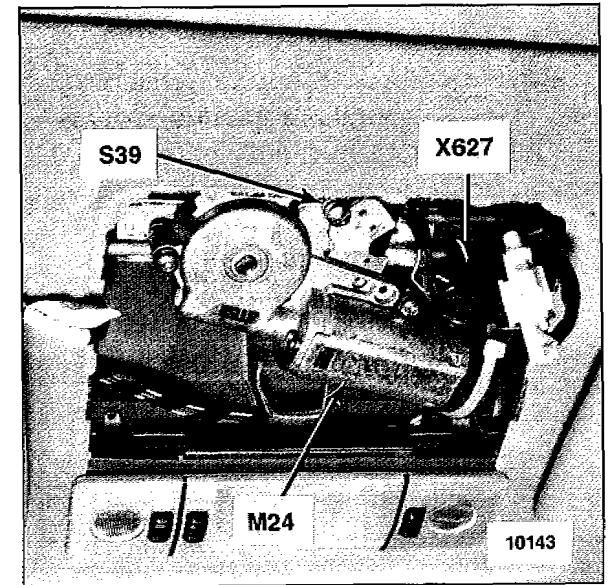
- B3 Right Rear Speed Sensor**
- B17 Right Rear Brake Pad Sensor**
- X713 Connector (2 pins)**



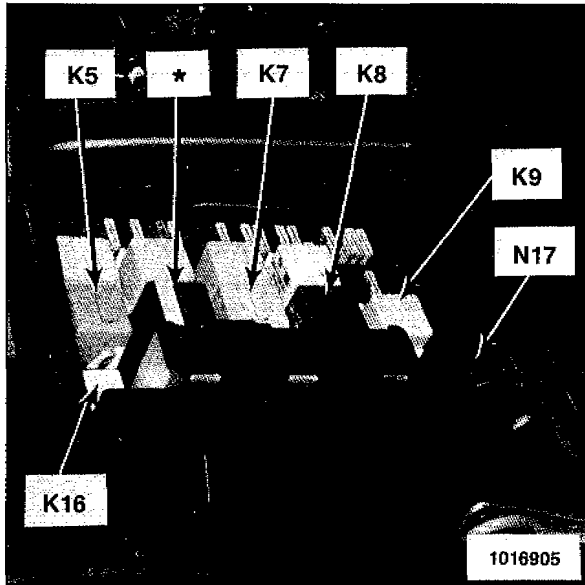
**Figure 1- Rear Of Car, On Differential**  
**B10 Vehicle Speed Sensor**



**Figure 2- Rear Of Car**  
**X630 Connector (13 pins)**

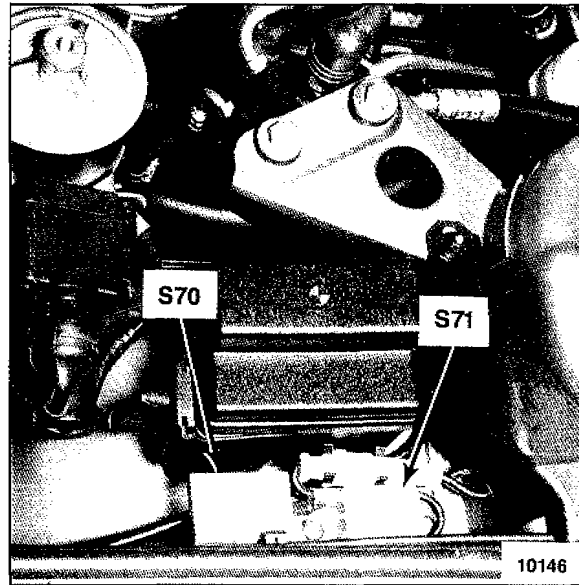


**Figure 3- In Center Of Windshield Header**  
**M24 Sunroof Motor**  
**S39 Sunroof Position Switch**  
**X627 Connector (8 pins)**



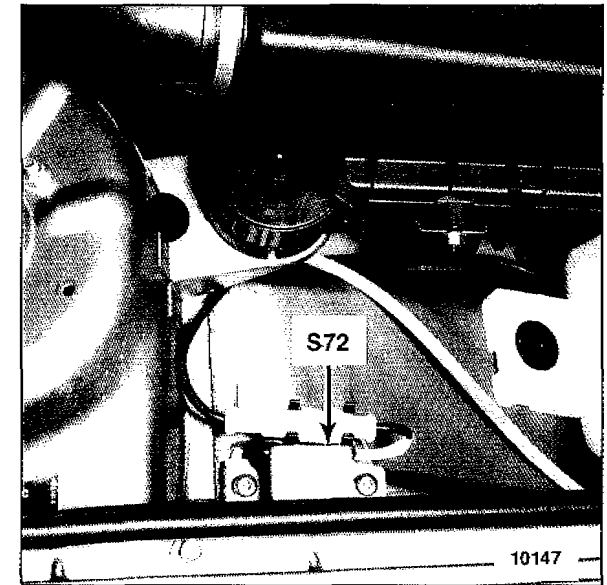
**Figure 1- LH Rear Of Engine Compartment**

- K5 Washer Pump Relay**
- K7 Parking Light Monitor Relay**
- K8 Front Defogger/Water Pump Relay**
- K9 Unloader Relay, KL15**
- \* K10 ABS Overvoltage Protection Relay (750iL)**
- K16 Hazard Flasher Relay (Removed)**
- \* K51 Phone Alert Relay (735i, 735iL)**
- N17 Crash Control Unit (Removed)**



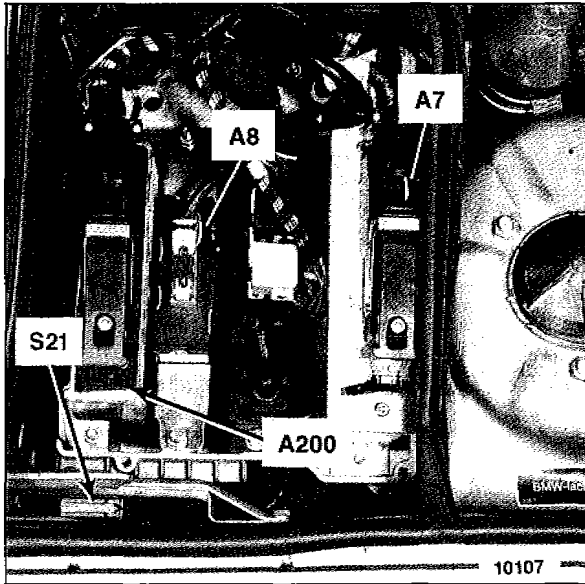
**Figure 2- Top Of LH Front Wheel Well**

- S70 Safety Switch**
- S71 Left Front Crash Sensor**



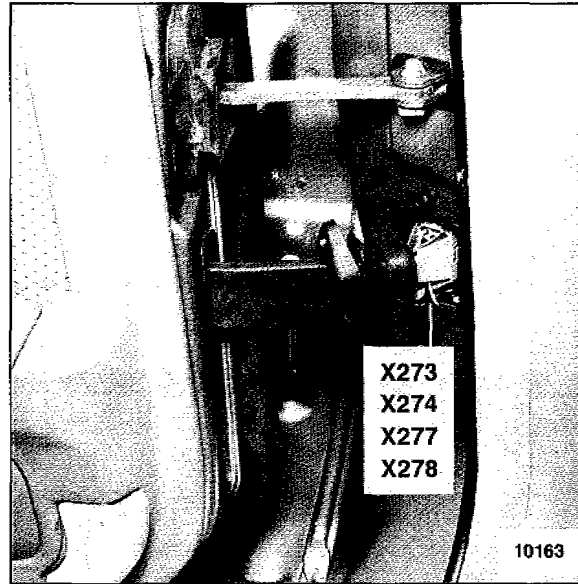
**Figure 3- Top Of RH Front Wheel Well**

- S72 Right Front Crash Sensor**



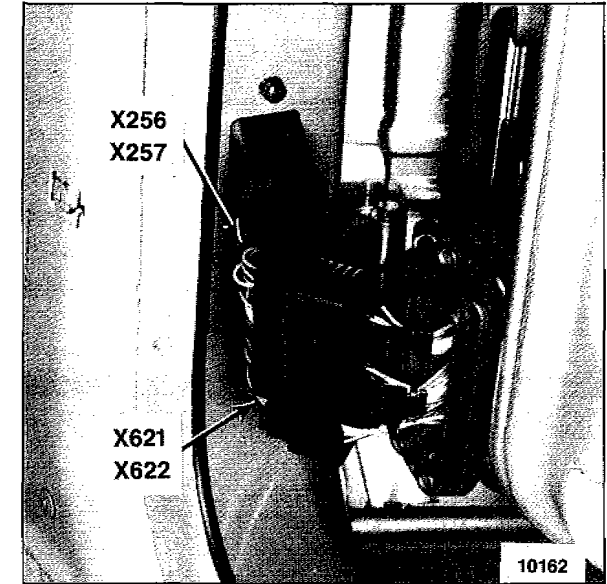
**Figure 1- RH Rear Of Engine Compartment (735i/735iL)**

- A7 ABS Electronic Control Unit**
- A8 Cruise Control Module (Tempomat)**
- A200 Motronic Control Unit (DME)**
- S21 Engine Hood Switch**



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

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



**Figure 3- RH Front Door Jamb (LH Similar)**

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

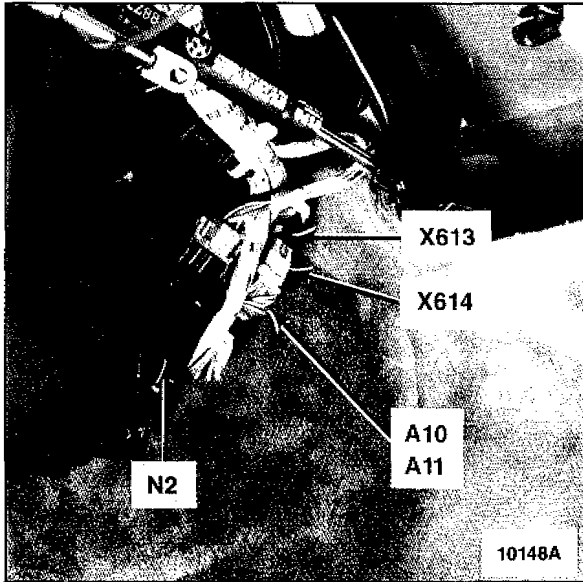


Figure 1- LH Side Of Passenger's Footwell

- A10 Electronic Heater Control Unit
- A11 Automatic Heating and Air Conditioning Control Unit (IHKA)
- N2 Final Stage Unit
- X613 Connector (26 pins)
- X614 Connector (26 pins)

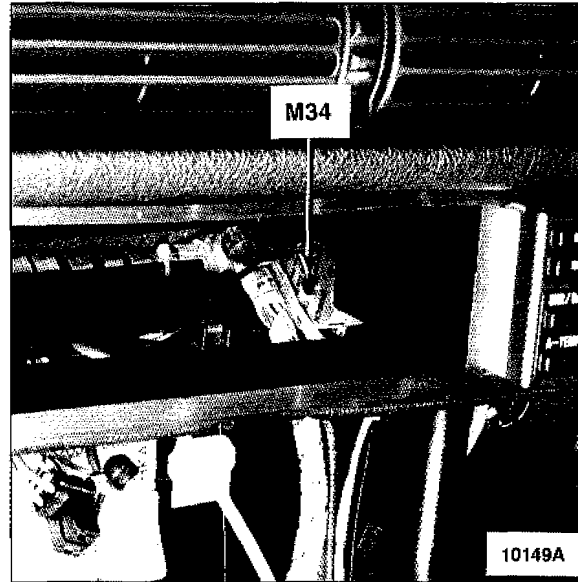


Figure 2- Center Of Dash (Radio Removed)

- M34 Right Mixing Flap Motor

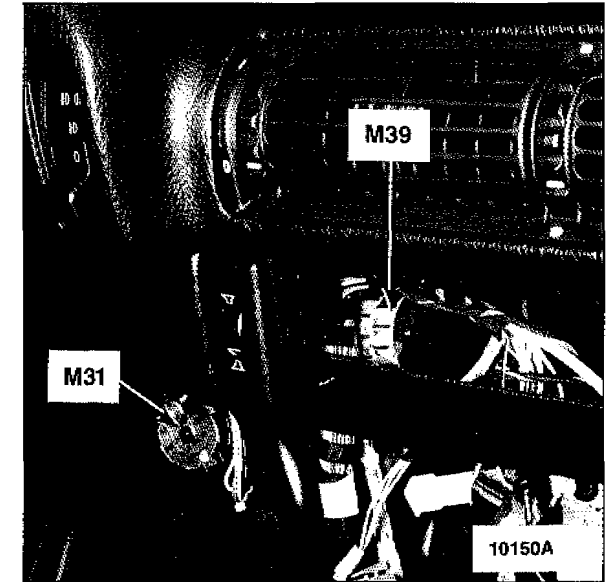
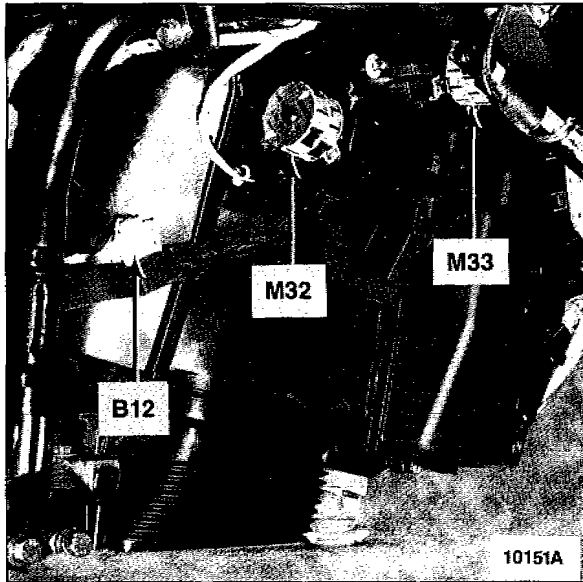


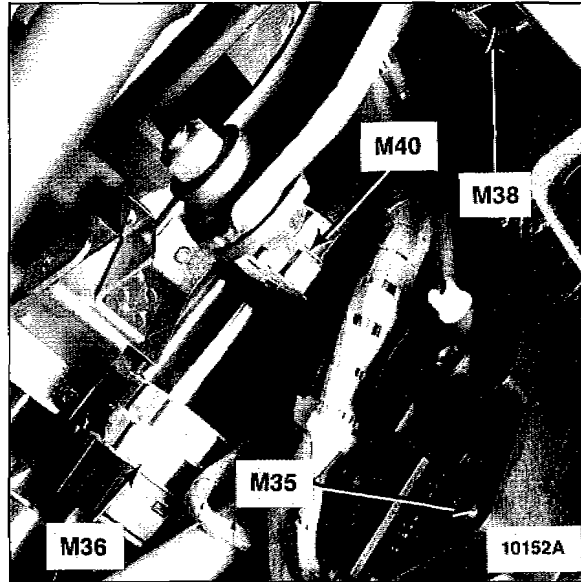
Figure 3- Center Of Dash (Radio Removed)

- M31 Left Footwell Flap Motor
- M39 Left Mixing Flap Motor



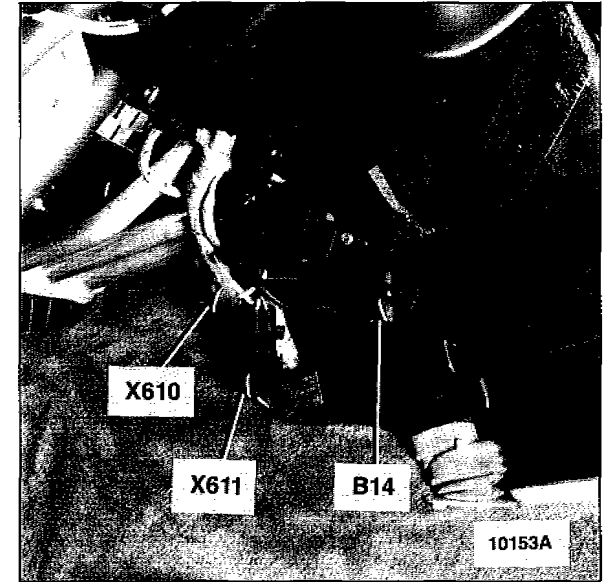
**Figure 1- LH Side Of Passenger's Footwell**

- B12 Right Heat Exchanger Temperature Sensor**
- M32 Right Footwell Flap Motor**
- M33 Right Ventilation Flap Motor**



**Figure 2- LH Side Of IHR/IHKA Plenum**

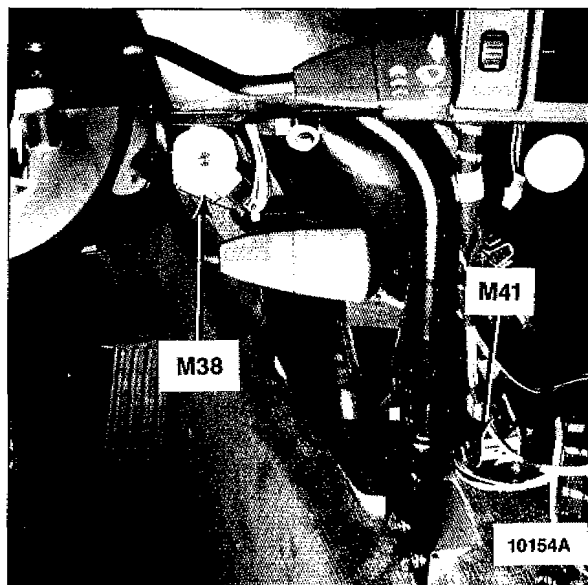
- M35 Defroster Flap Motor**
- M36 Fresh Air Flap Motor**
- M40 Air Circulation Flap Motor**



**Figure 3- RH Side Of Driver's Footwell**

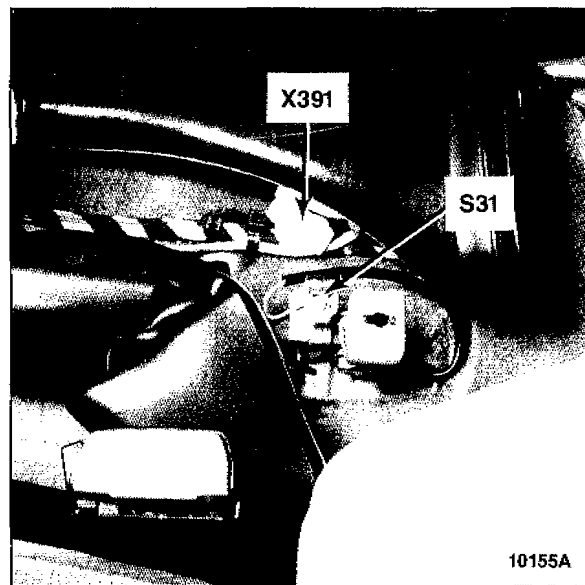
- B14 Evaporator Temperature Sensor**
- X610 Connector (26 pins)**
- X611 Connector (26 pins)**

**BMW**  
**7** **COMPONENT LOCATION VIEWS**



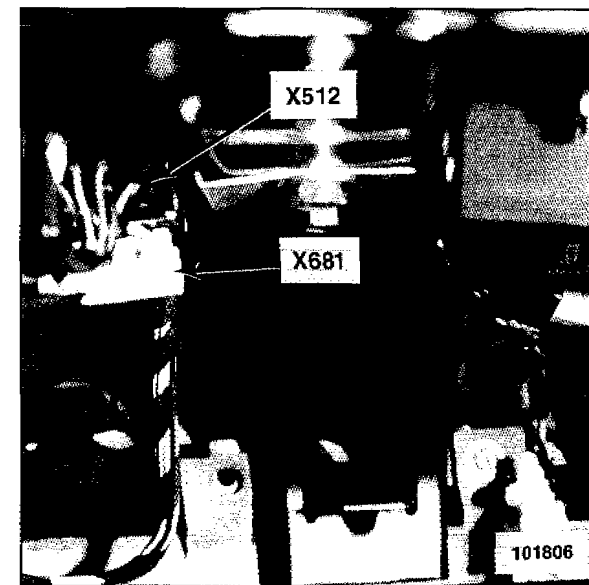
**Figure 1- Front LH Side Of Console**

- M38 Left Ventilation Flap Motor**
- M41 Rear Compartment Flap Motor**



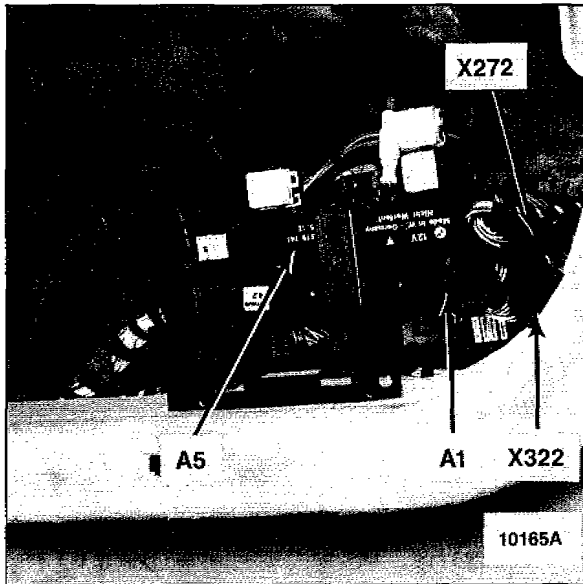
**Figure 2- Below Center Console (Console Removed)**

- S31 Park Brake Switch**
- X391 Connector (2 pins)**



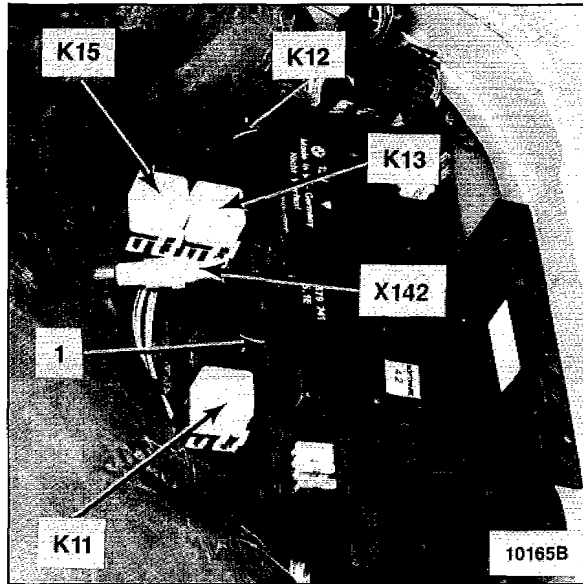
**Figure 3- Behind Glove Box**

- X512 Connector (8 pins)**
- X681 Connector (3 pins)**



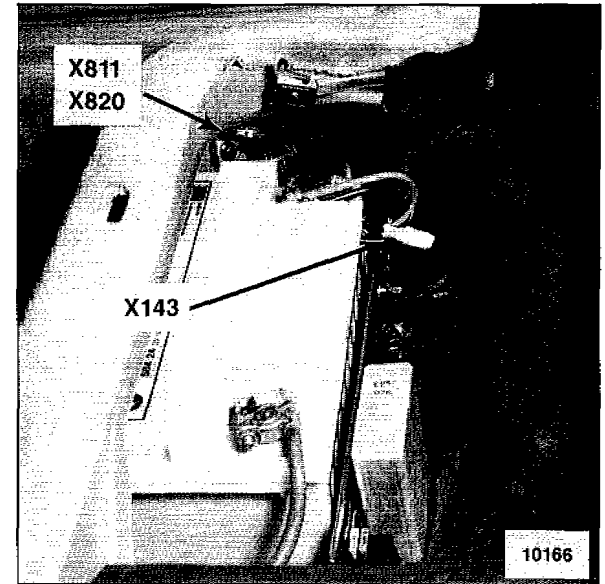
**Figure 1- Below LH Side Of Rear Seat**

- A1 General Module**
- A5 Relay Module**
- X272 Connector (12 pins)**
- X322 Connector (6 pins)**



**Figure 2- Below LH Side Of Rear Seat**

- 1 Rear Power Distribution Box**
- K11 Wiper Relay**
- K12 Wiper Pressure Control Relay (ADV)**
- K13 Rear Defogger Relay**
- K15 Electric Power Production Relay**
- X142 Connector (2 pins)**

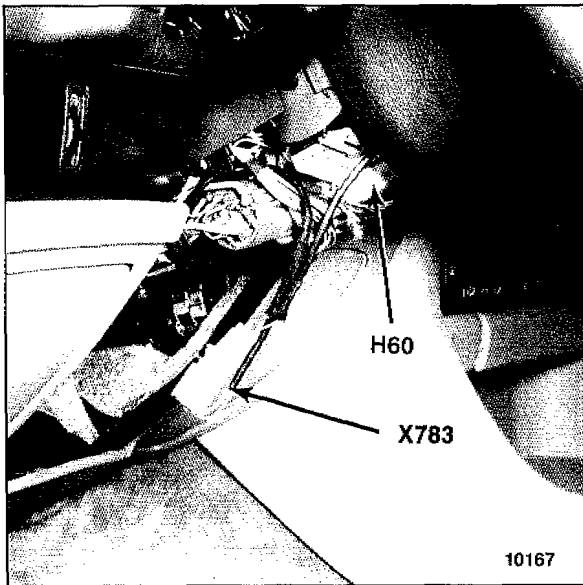


**Figure 3- Below RH Side Of Rear Seat**

- X143 Connector (2 pins)**
- X811 Ground**
- X820 Ground**

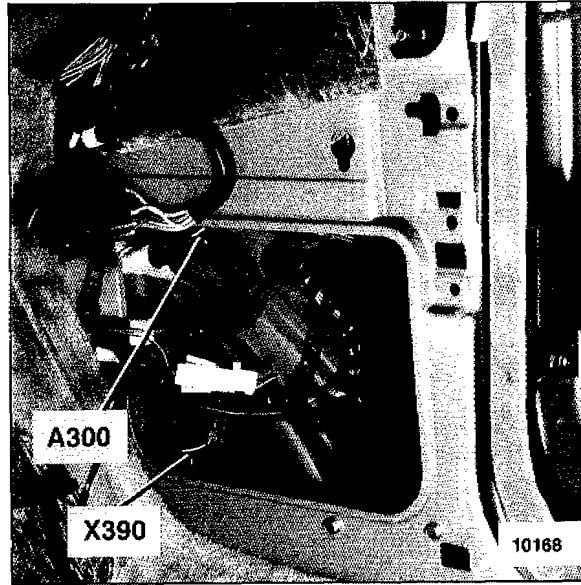


**BMW**  
**7** **COMPONENT LOCATION VIEWS**



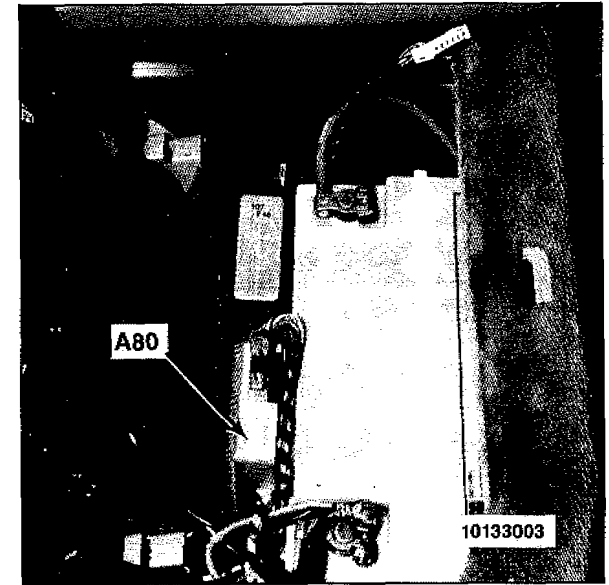
**Figure 1- Underside Of Steering Column**

**H60 Audible Turn Signal Relay**  
**X783 Connector (2 pins)**



**Figure 2- RH Side Of Passenger's  
Footwell, Behind Speaker Panel**

**A300 Electronic Transmission Control  
Unit (AEGS)**  
**X390 Connector (2 pins)**

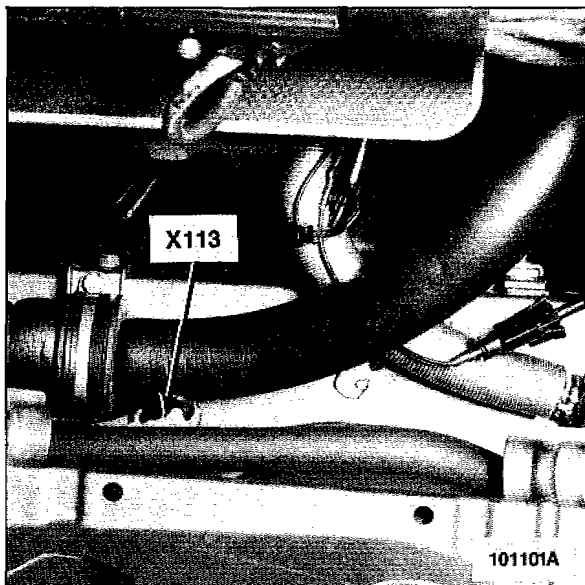


**Figure 3- Below RH Side Of Rear Seat**

**A80 EDC Electronic Control Unit  
(Not in US)**

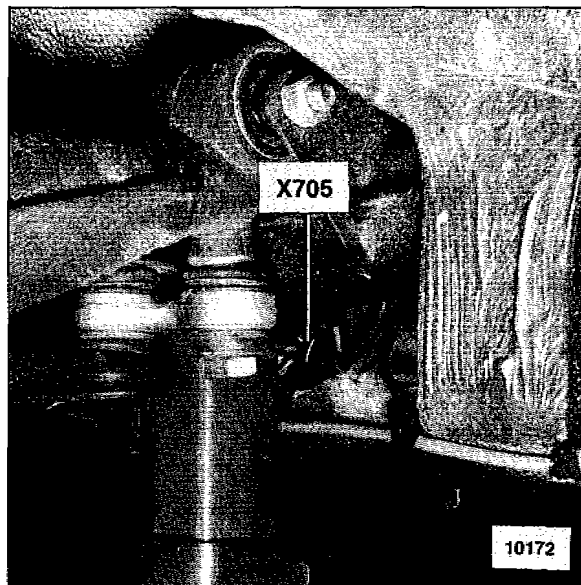


## COMPONENT LOCATION VIEWS



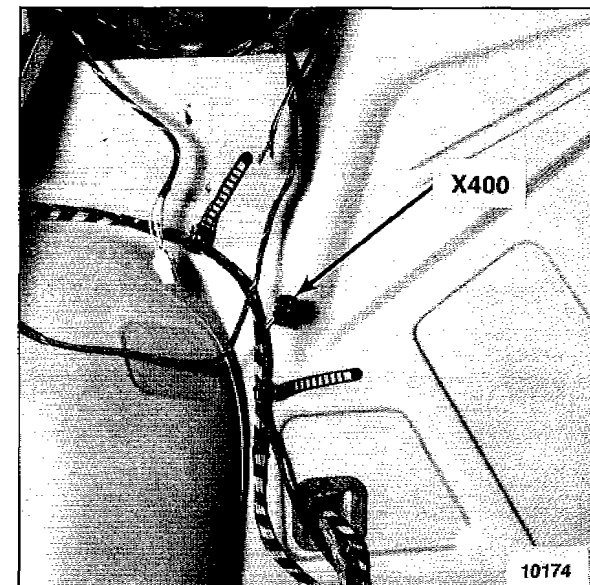
**Figure 1- Lower RH Side Of Engine Compartment (735i/735iL)**

**X113 Connector (2 pins)**



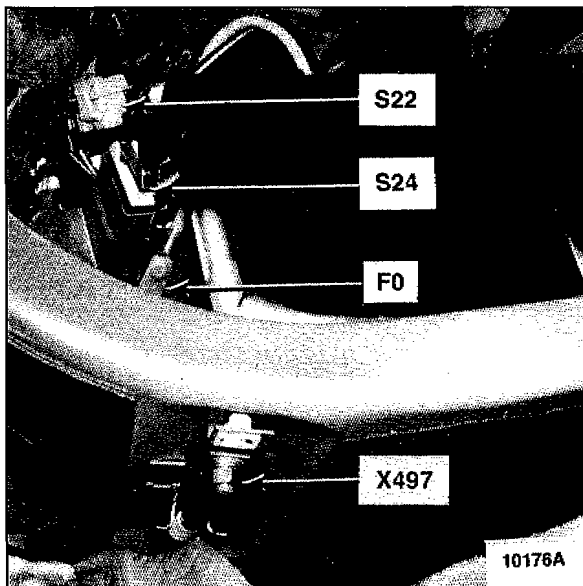
**Figure 2- Front Of RH Rear Wheel Well**

**X705 Connector (2 pins)**



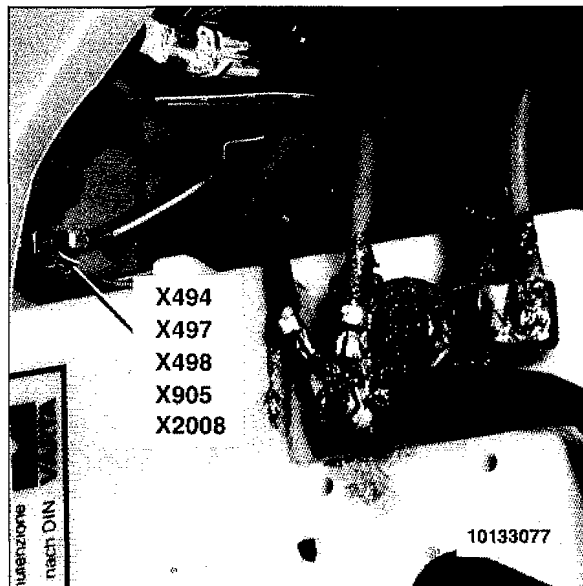
**Figure 3- RH Rear Wheel Well (Behind Seat)**

**X400 Connector (3 pins)**



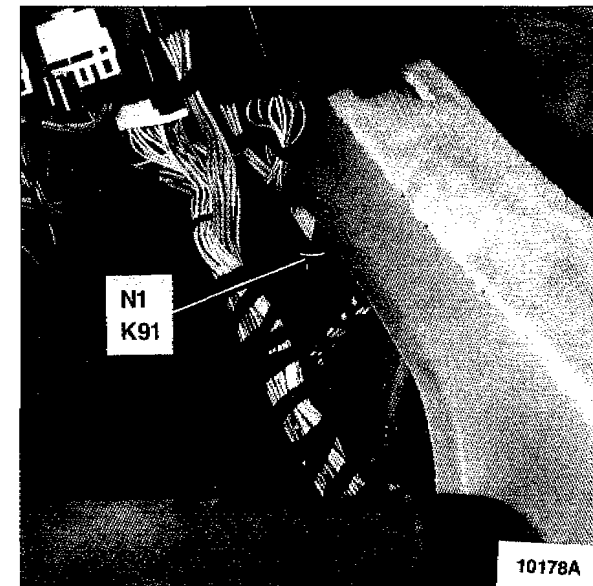
**Figure 1- Under RH Side Of Rear Seat**

- F0** Fusible Link (80 A)
- S22** Battery Switch
- S24** Rear Seat Switch
- X497** Ground (Battery)



**Figure 2- Under RH Side Of Rear Seat**

- X494** Ground
- X497** Ground
- X498** Ground
- X905** Ground
- X2008** Ground



**Figure 3- Under LH Side Of Rear Seat**

- K91** On-Board Computer Horn Relay
- N1** Antitheft Module (DWA)

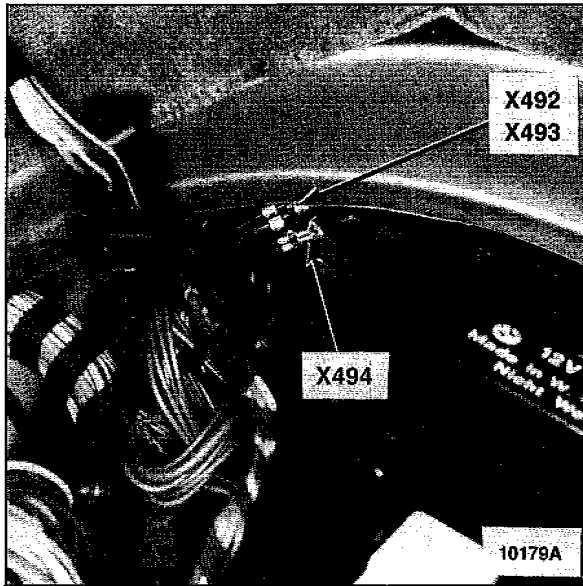


Figure 1- Under LH Side Of Rear Seat

- X492 Ground
- X493 Ground

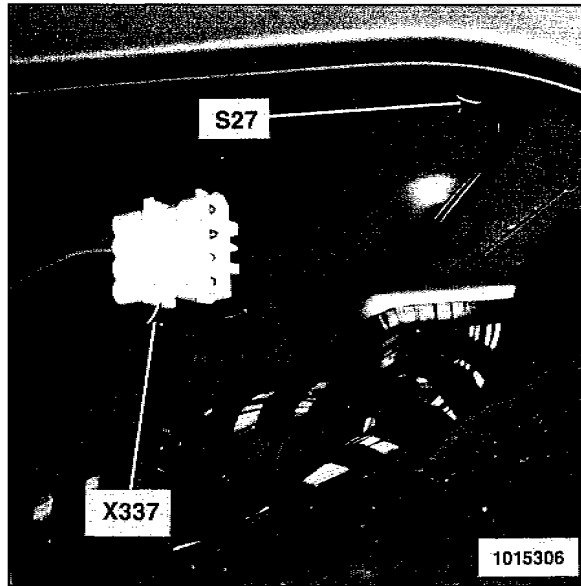


Figure 2- Below LH Side Of Rear Seat

- S27 Inertia Switch
- X337 Connector (4 pins)

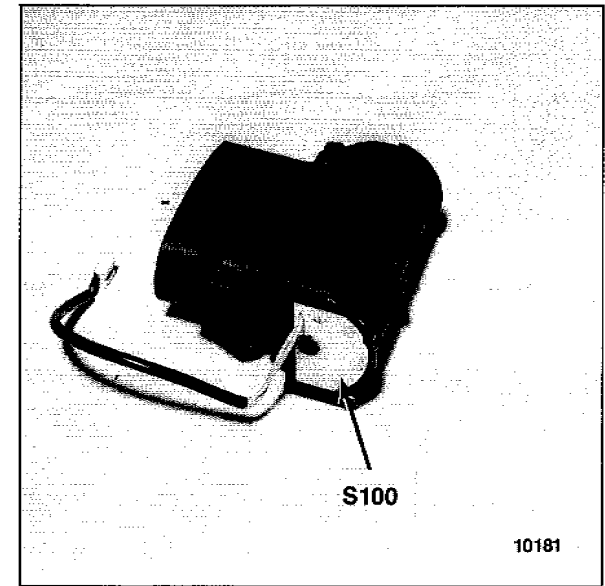


Figure 3- IHKA Rear Vent

- S100 Rear Vent Flap Switch

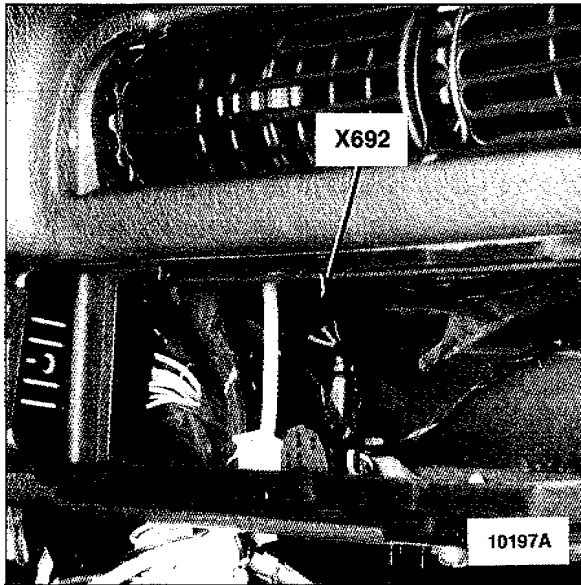


Figure 1- Center Of Dash (Radio Removed)

X692 Connector (3 pins)

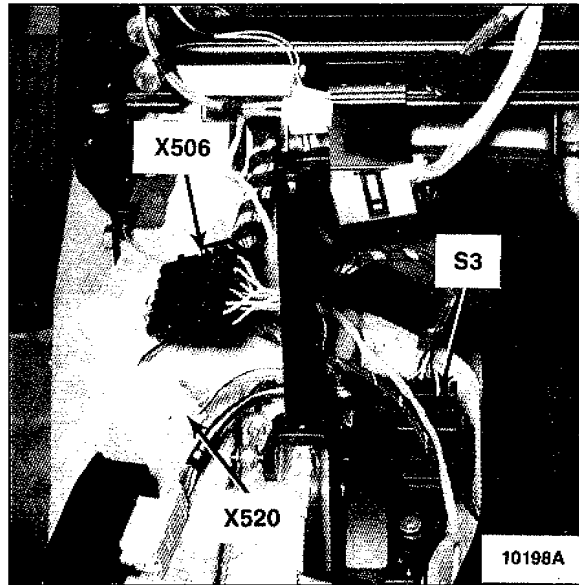


Figure 2- Under Center Console (Console Removed)

S3 Automatic Transmission Range Switch

X506 Connector (12 pins)

X520 Connector (3 pins)

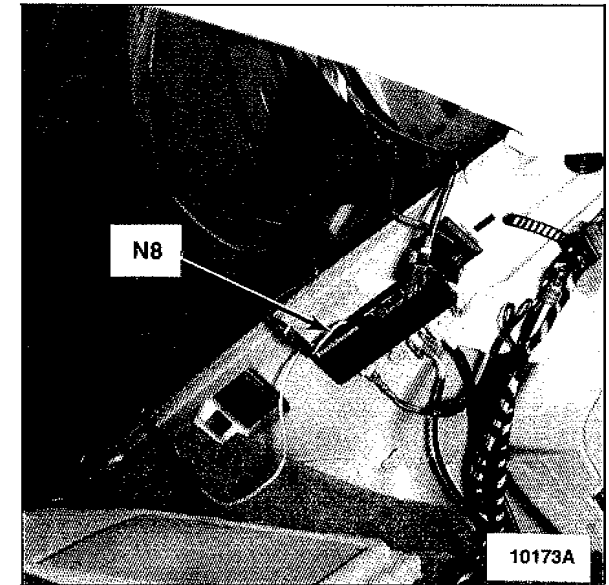
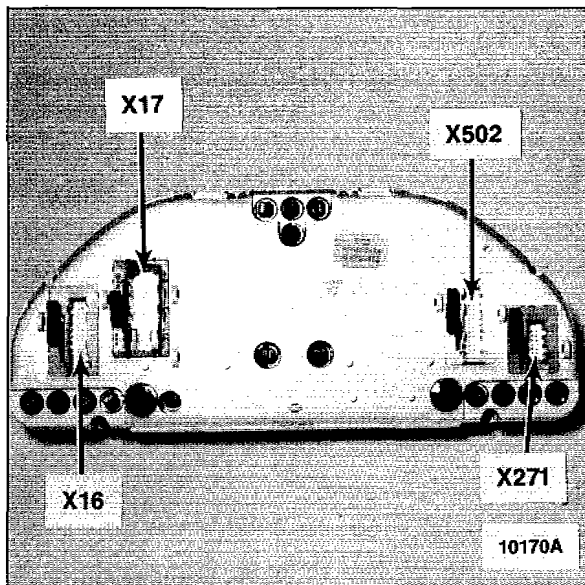


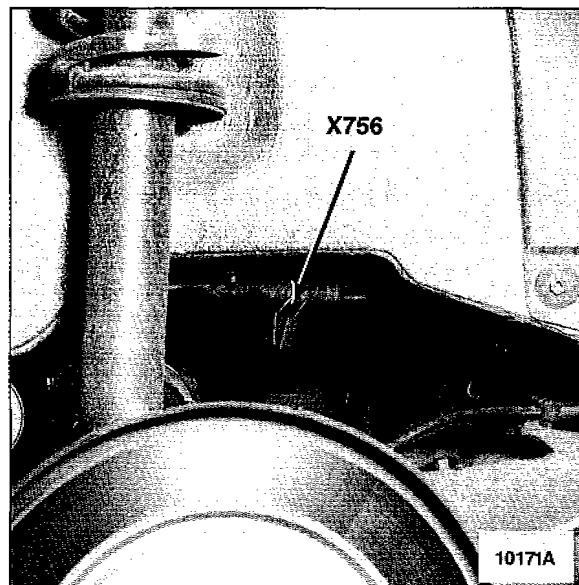
Figure 3- In LH C Pillar

N8 Antenna Amplifier



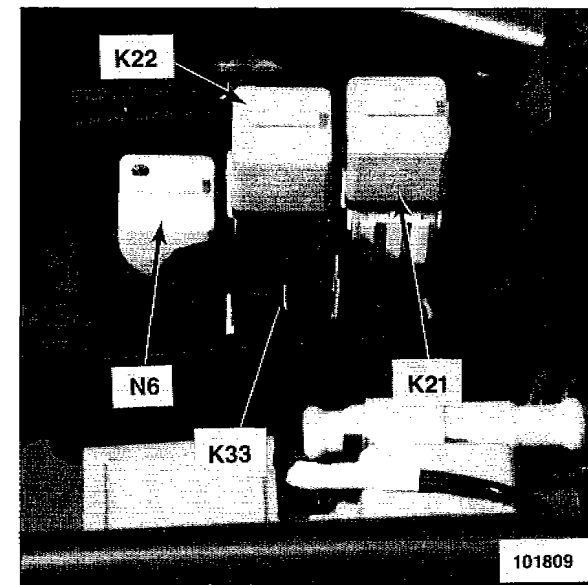
**Figure 1- Rear Of Instrument Cluster**

- X16 Connector (26 pins)**
- X17 Connector (6 pins)**
- X271 Connector (12 pins)**
- X502 Connector (26 pins)**



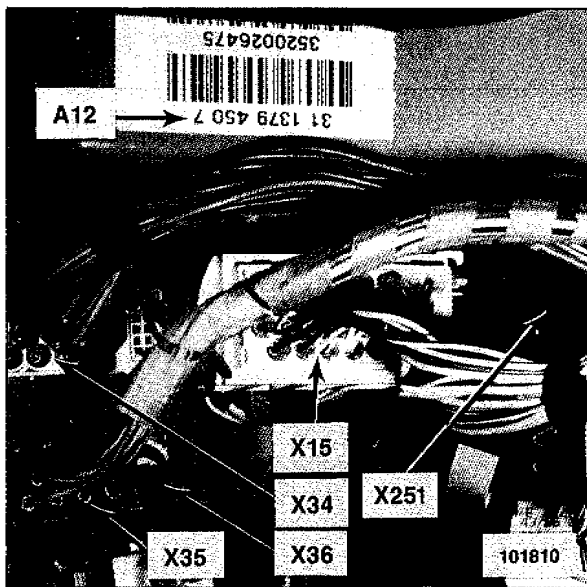
**Figure 2- RH Rear Wheel Well**

- X756 Connector (2 pins)**



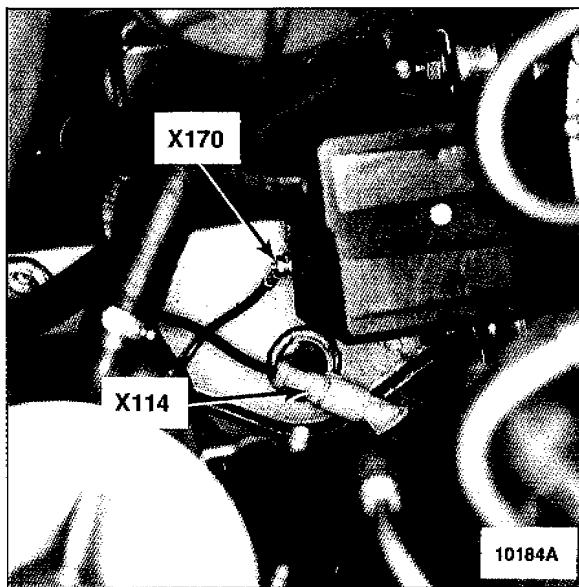
**Figure 3- Top Of LH Front Wheel Well**

- K21 Normal Speed Relay**
- K22 High Speed Relay**
- K33 Air Conditioning Motronic Relay**
- N6 SRA Module**



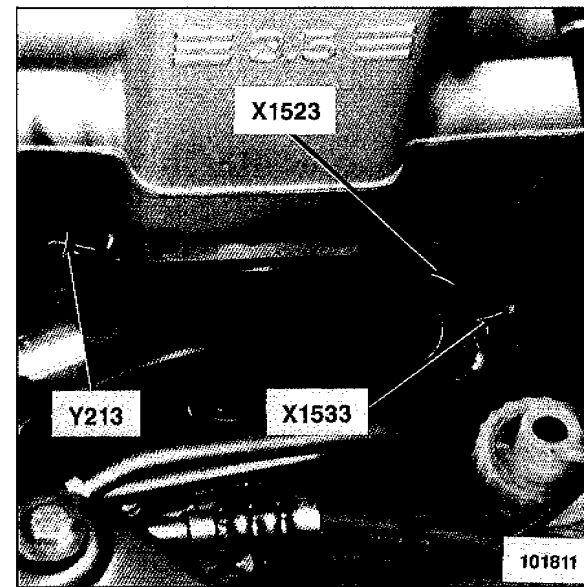
**Figure 1- Below LH Side Of Dash**

- A12 Diagnostic Module (SRS)
- X15 Connector (30 pins) WS
- X34 Connector (21 pins) WS
- X35 Connector (21 pins) SW
- X36 Connector (21 pins) SW
- X37 Connector (10 pins) WS
- X251 Connector (30 pins) SW



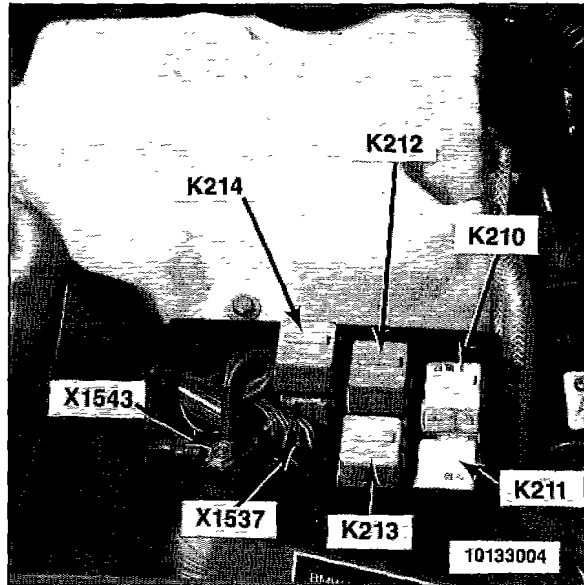
**Figure 2- Lower LH Side Of Engine Compartment  
(730i/735iL Shown, 750iL Similar)**

- X114 Connector (2 pins)
- X170 Ground



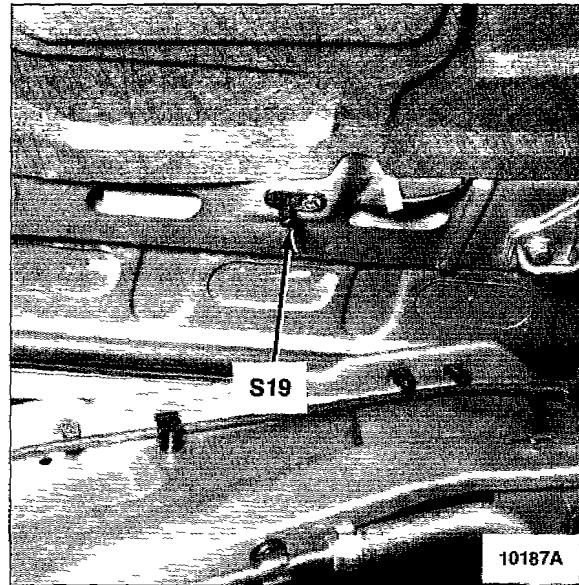
**Figure 3- Lower LH Side Of Engine  
(730i/735iL)**

- Y213 Evaporative Purge Valve
- X1523 Connector (4 pins)
- X1533 Connector (3 pins)



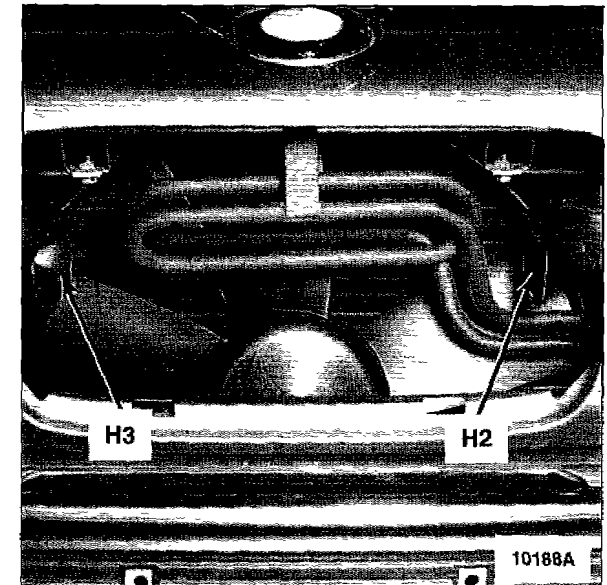
**Figure 1- Above RH Front Wheel Well (750iL)**

- K210 Fuel Pump Relay I (Cyl 1-6)**
- K211 Fuel Pump Relay II (Cyl 7-12)**
- K212 Main Relay I (Cyl 1-6)**
- K213 Main Relay II (Cyl 7-12)**
- K214 Oxygen Sensor Relay**
- X1537 Connector (8 pins)**
- X1543**



**Figure 2- LH Front Of Engine Hood**

- S19 Underhood Light Switch**



**Figure 3- Front Of Car (Grille Removed)**

- H2 Left Horn**
- H3 Right Horn**





## COMPONENT LOCATION VIEWS

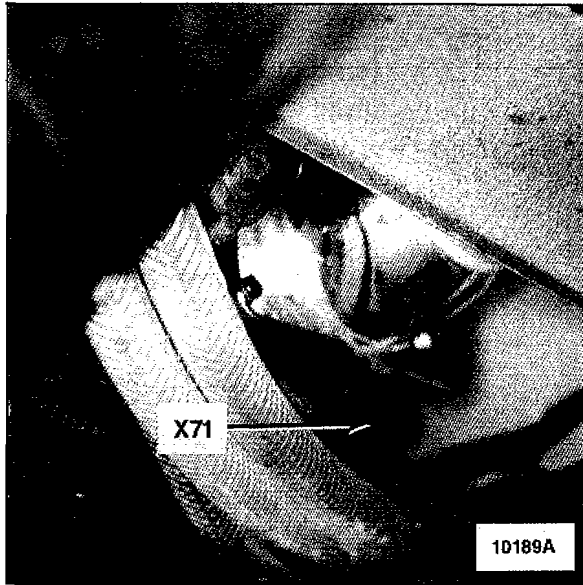


Figure 1- Behind LH Fog Light  
X71 Connector (8 pins)

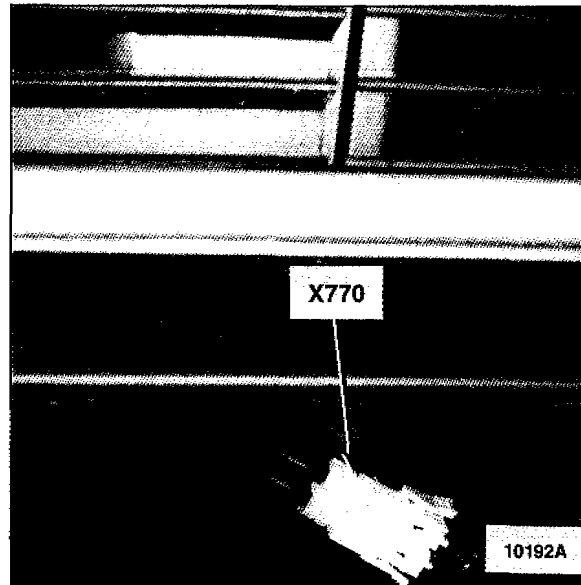


Figure 2- Below Front of Car  
X770 Connector (2 pins)

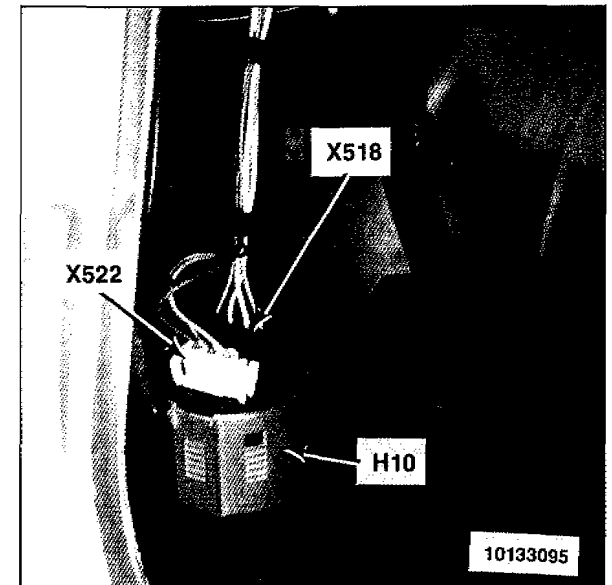
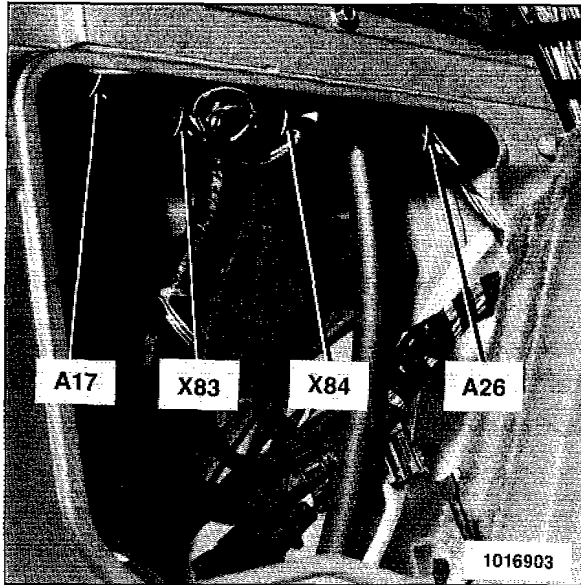


Figure 3- Below LH Side Of Dash  
H10 Chime Module  
X518 Connector (4 pins) SW  
X522 Connector (3 pins) WS



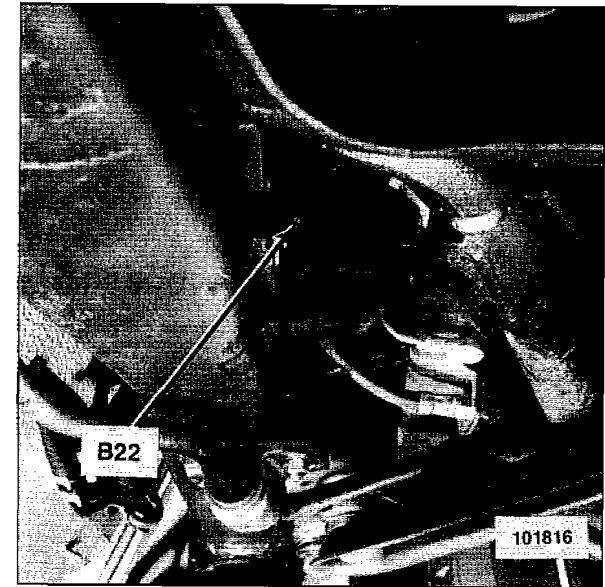
**Figure 1- LH Side Of Driver's Footwell**

- A17 Servotronic Control Unit**
- A26 Lock Sensor Control Unit**
- K19 Compressor Control Relay**
- X83 Connector (3 pins)**
- X84 Connector (3 pins)**



**Figure 2- Below LH Side Of Dash**

- X32 Connector (12 pins) WS**
- X33 Connector (12 pins) SW**
- X72 Connector (8 pins) WS**
- X295 Connector (8 pins) SW**
- X784 Connector (2 pins)**

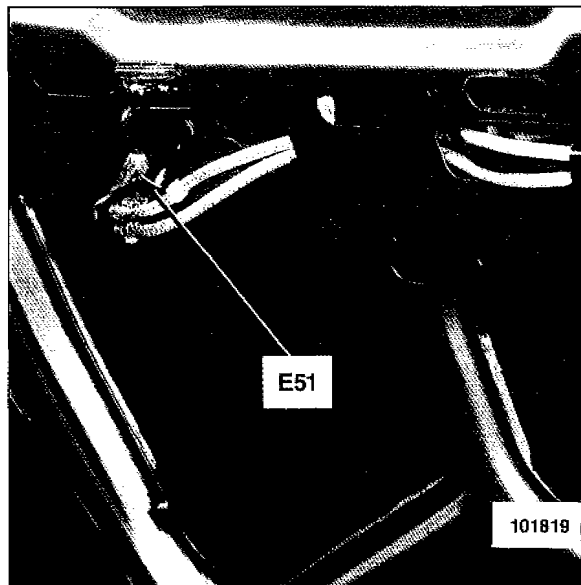


**Figure 3- RH Side Of Differential**

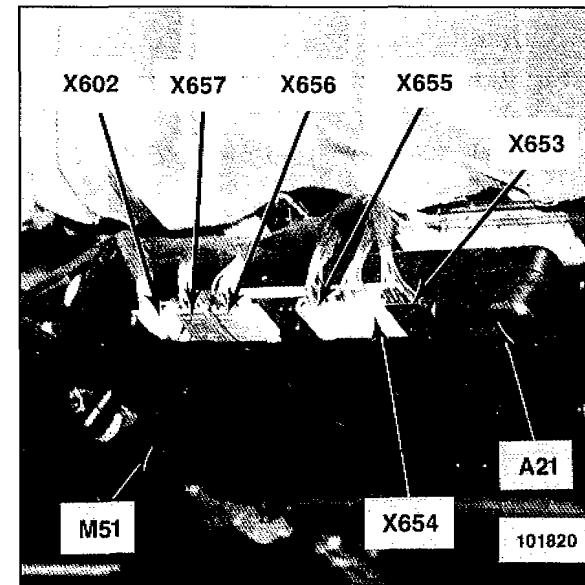
- B22 Wheel Camber Control Unit**



**Figure 1- Center Of Console**  
X546 Connector (2 pins)



**Figure 2- Engine Hood**  
E51 Left Washer Jet Heater



**Figure 3- Under Driver's Seat**

- A21 Memory Seat/Mirrors Control Unit
- M51 Driver's Seat Movement Motor
- 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

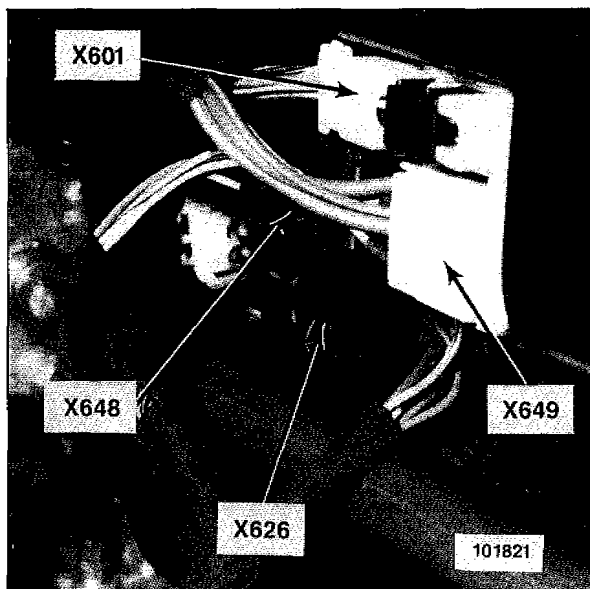


Figure 1- Under Driver's Seat

- X601 Connector (26 pins) GE
- X626 Connector (8 pins) SW
- X648 Connector (6 pins) SW
- X649 Connector (6 pins) WS

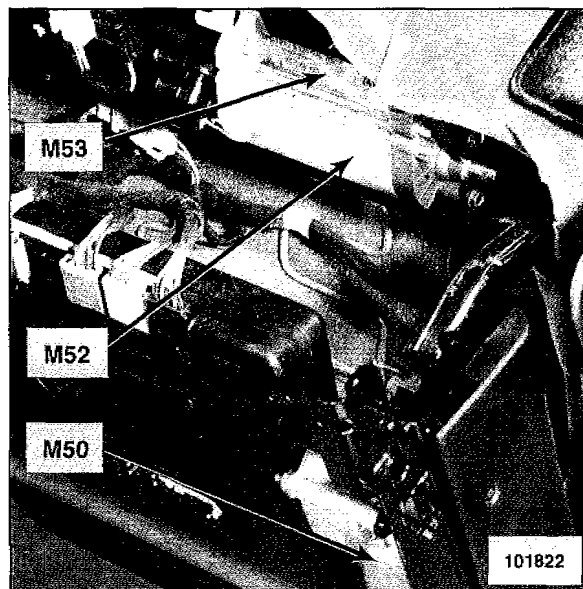


Figure 2- Under Driver's Seat (With Memory, Motor Position Without Memory Similar)

- M50 Driver's Seat Cushion Tilt Motor
- M52 Driver's Seat Height Motor
- M53 Driver's Seatback Recliner Motor

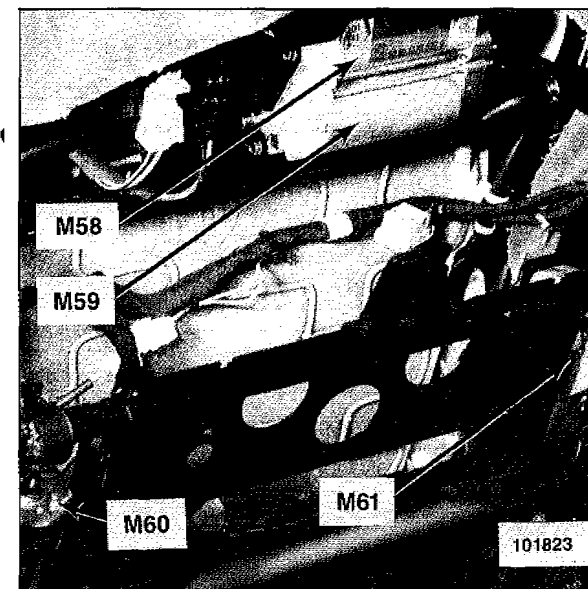
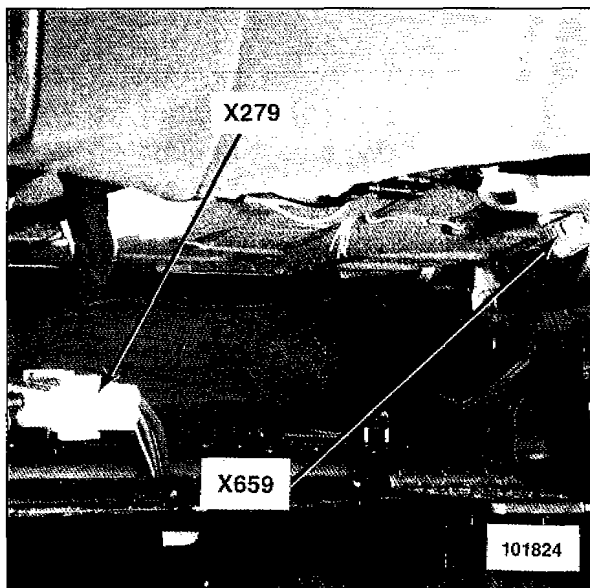


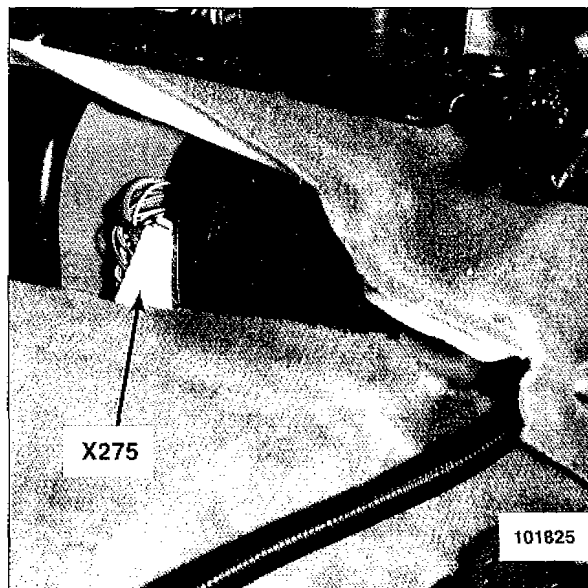
Figure 3- Under Passenger's Seat

- 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



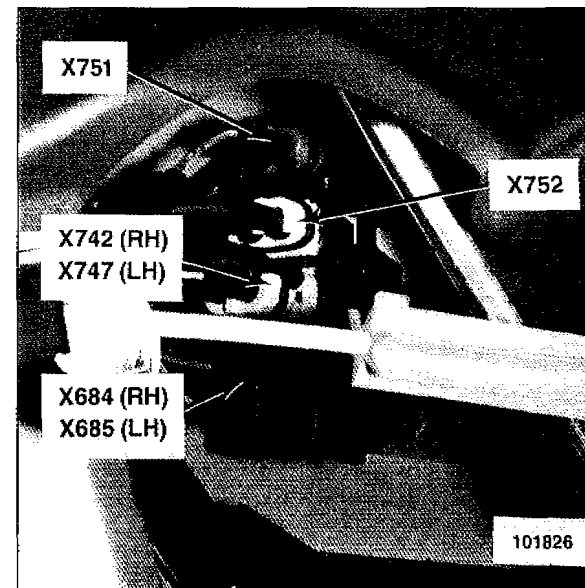
**Figure 1- Under Passenger's Seat**

**X279 Connector (12 pins)**  
**X659 Connector (6 pins)**



**Figure 2- Under Driver's Seat (With Memory)**

**X275 Connector (12 pins)**

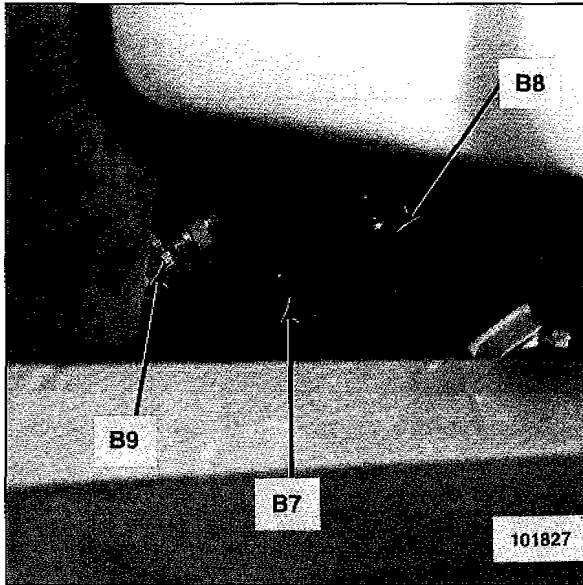


**Figure 3- Driver's Door (Passenger's Door Similar)**

**X684 Connector (3 pins) (Passenger's Door)**  
**X685 Connector (3 pins) SW**  
**X742 Connector (2 pins) (Passenger's Door)**  
**X747 Connector (2 pins) GE**  
**X751 Connector (2 pins) WS**  
**X752 Connector (2 pins) BL**

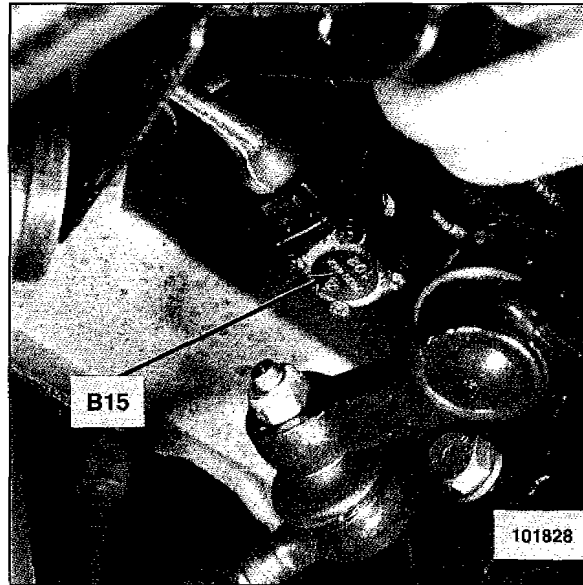


## COMPONENT LOCATION VIEWS



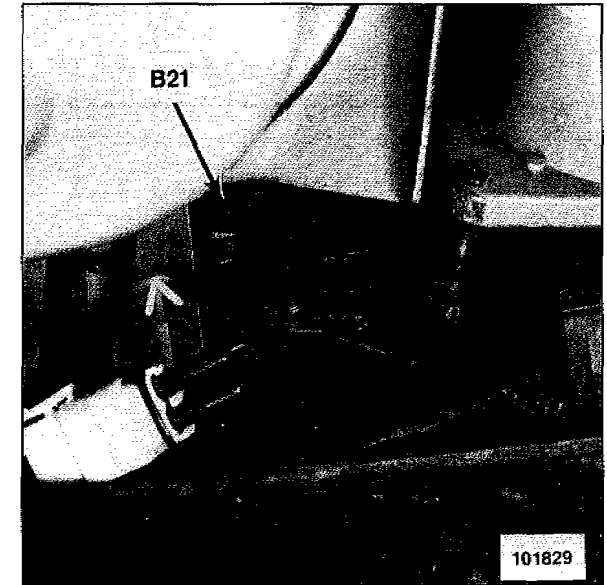
**Figure 1- RH Front Of Engine Compartment**

- B7 Low Pressure Switch**
- B8 High Pressure Switch**
- B9 Intermediate Pressure Switch**



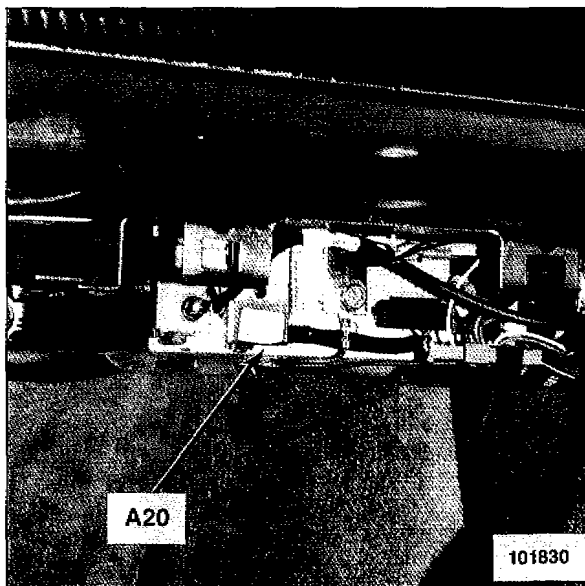
**Figure 2- Behind LH Front Wheel**

- B15 Electro-Hydraulic Converter (Servotronic)**



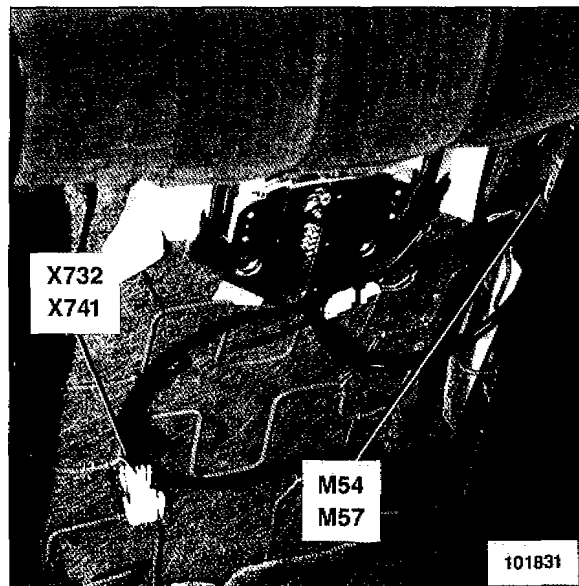
**Figure 3- Lower RH Front**

- B21 On-Board Computer Temperature Sensor**



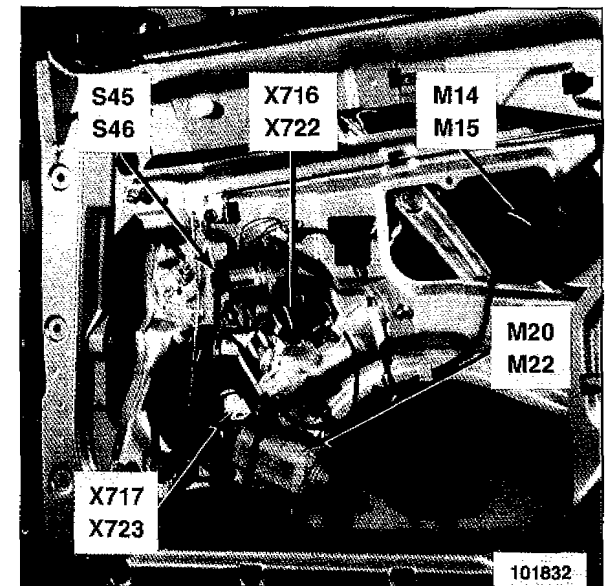
**Figure 1- In Luggage Compartment**

**A20 Booster/Amplifier**



**Figure 2- Back Of LH Front Seat**

**M54 Driver's Headrest Motor**  
**M57 Passenger's Seat Headrest Motor**  
**X732 Connector (2 pins)**  
**X741 Connector (2 pins) Passenger's**



**Figure 3- RH Rear Door (LH Rear Door 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**  
**X716 Connector (2 pins)**  
**X717 Connector (2 pins)**  
**X722 Connector (2 pins)**  
**X723 Connector (2 pins)**



## COMPONENT LOCATION VIEWS

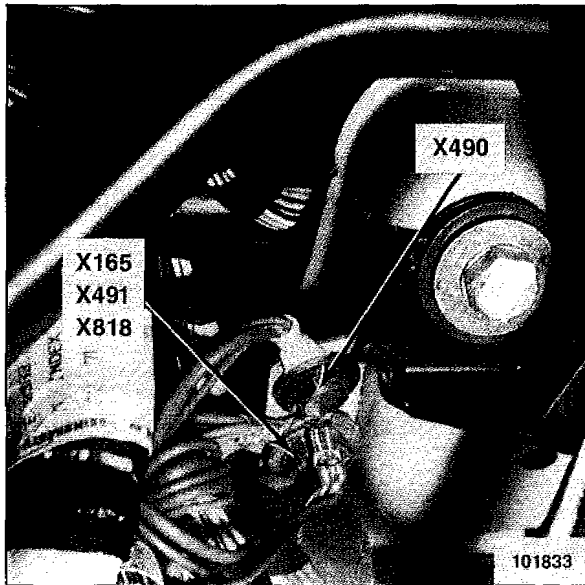


Figure 1- Below LH Side Of Dash

X165 Ground  
X490 Ground  
X491 Ground  
X818 Ground

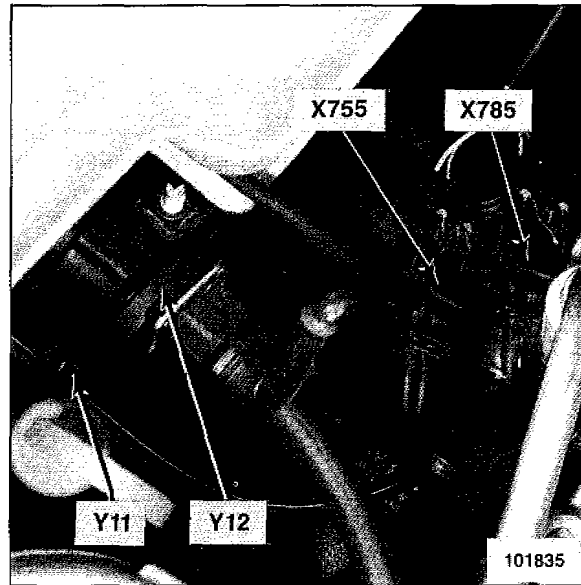


Figure 2- LH Side Of Engine (735i/735iL Shown, 750 Similar)

Y11 Solenoid Valve 1  
Y12 Solenoid Valve 2  
X755 Connector (2 pins)  
X785 Connector (2 pins)

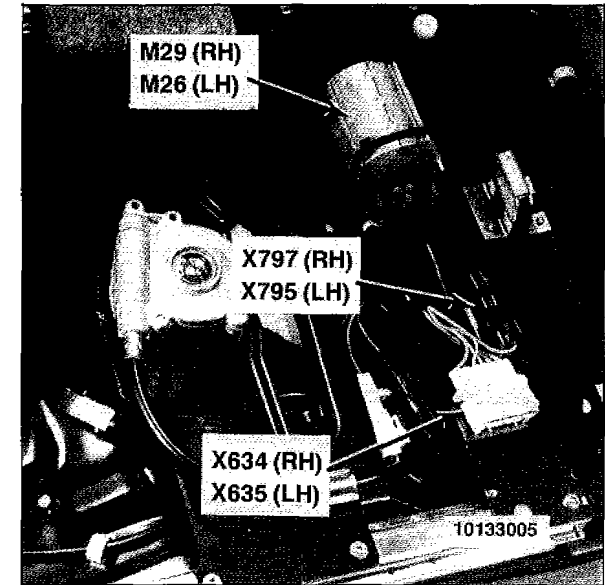


Figure 3- Underside Of Rear Seat (RH Side Shown With Power Seat Option, LH Side Similar)

M26 Left Rear Seat Movement Motor  
M29 Right Rear Seat Movement Motor  
X634 Connector (6 pins, RH)  
X635 Connector (6 pins, LH)  
X797 Connector (2 pins, RH)  
X795 Connector (2 pins, LH)



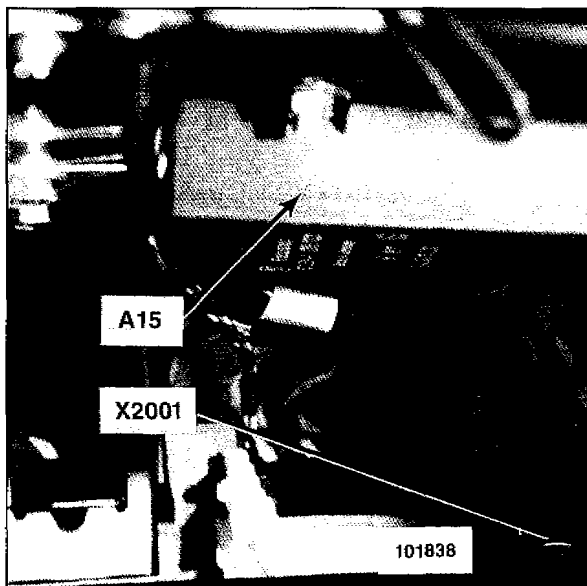


Figure 1- Behind Glove Box

A15 Park/Ventilation Relay Box  
X2001 Connector (12 pins)

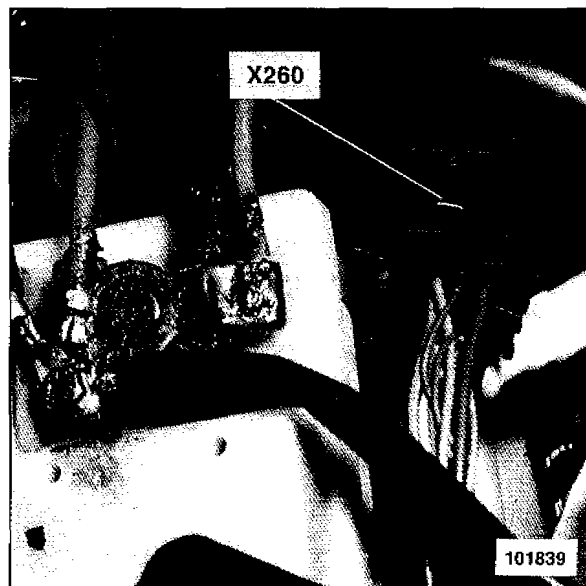


Figure 2- Under RH Side Of Rear Seat

X260 Connector (21 pins)

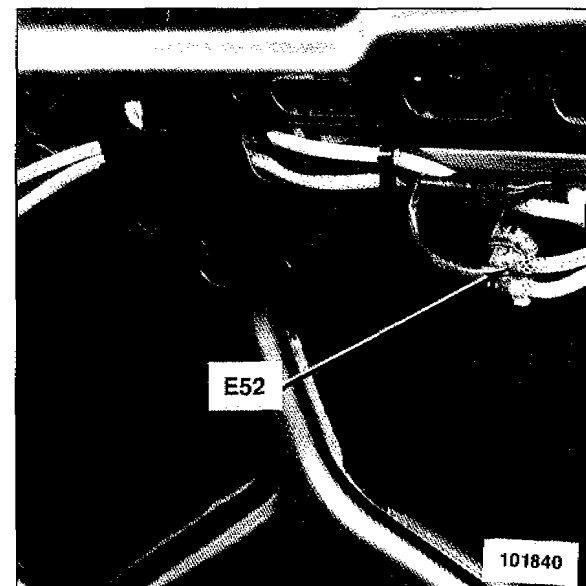
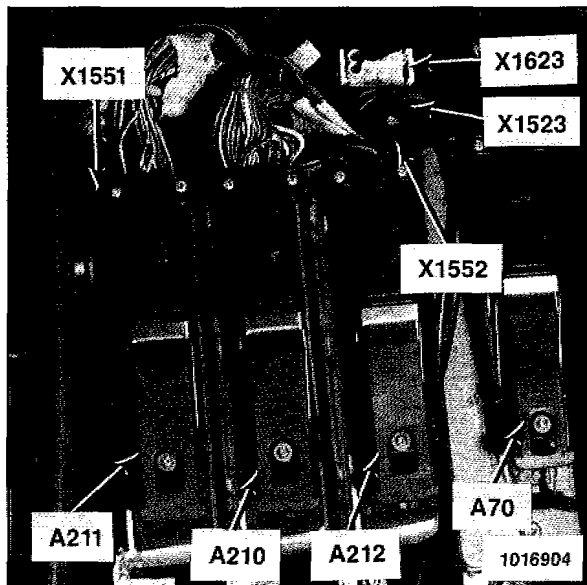


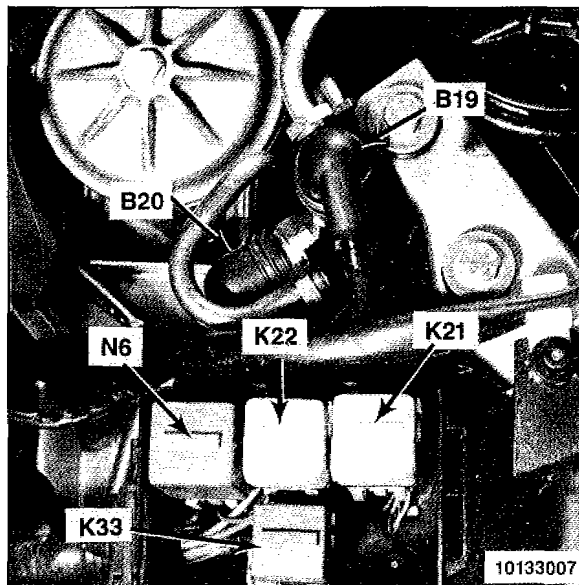
Figure 3- Engine Hood

E52 Right Washer Jet Heater



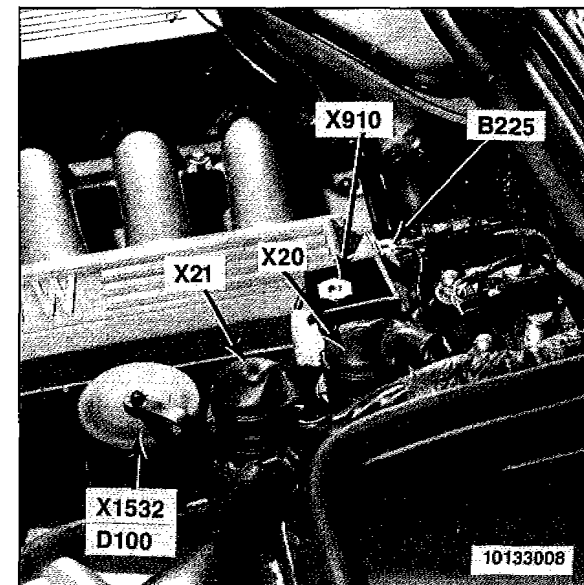
**Figure 1- Rear Of Engine Compartment (750iL)**

- A70** ABS/ASC Electronic Control Unit
- A210** EML Electronic Control Unit
- A211** Motronic Control Unit I (DME)
- A212** Motronic Control Unit II (DME)
- X1523** Connector (8 pins)
- X1551** Connector (2 pins)
- X1552** Connector (4 pins)
- X1623** Connector (8 pins)



**Figure 2- LH Front Of Engine Compartment (750iL Shown)**

- B19** Brake Pressure Regulating Switch
- B20** Brake Pressure Switch
- K21** Normal Speed Relay
- K22** High Speed Relay
- K33** Air Conditioning Motronic Relay
- N6** Headlight/Front Fog Light Module (SRA)



**Figure 3- LH Rear Of Engine Compartment (750iL Shown)**

- B225** Engine Intake Air Temperature Sensor II (Cyl 7-12)
- D100** Diagnostic Connector
- X20** Connector (20 pins)
- X21** Connector (20 pins)
- X910** B+ Jumper Post
- X1532** Connector (20 pins)

**BMW** COMPONENT LOCATION VIEWS

**7**

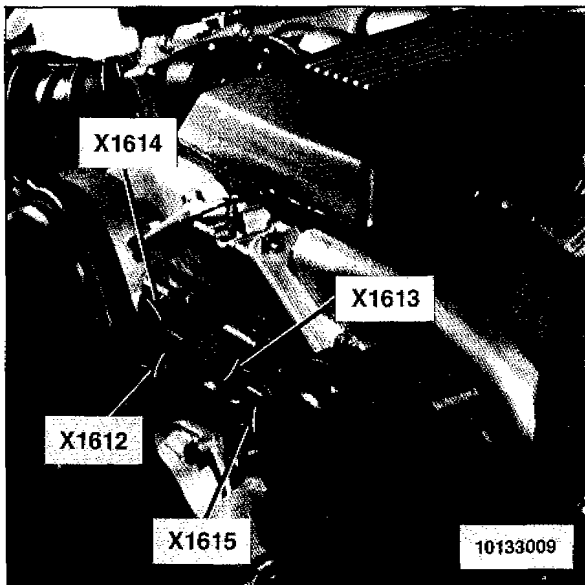


Figure 1- Front Of Engine (750iL)

- X1612 Connector (3 pins)
- X1613 Connector (3 pins)
- X1614 Connector (3 pins)
- X1615 Connector (3 pins)

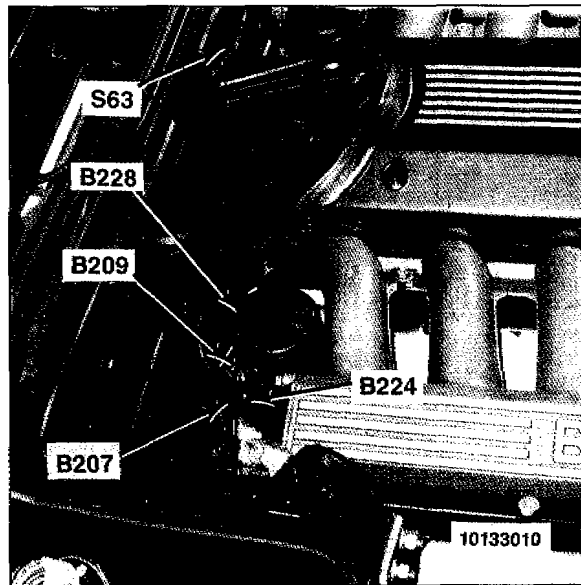


Figure 2- RH Rear Of Engine (750iL)

- B207 Coolant Temperature Sender
- B209 Water Temperature Sensor
- B224 Engine Intake Air Temperature Sensor I (Cyl 1-6)
- B228 Water Temperature Sensor (DME)
- S63 Coolant Level Switch

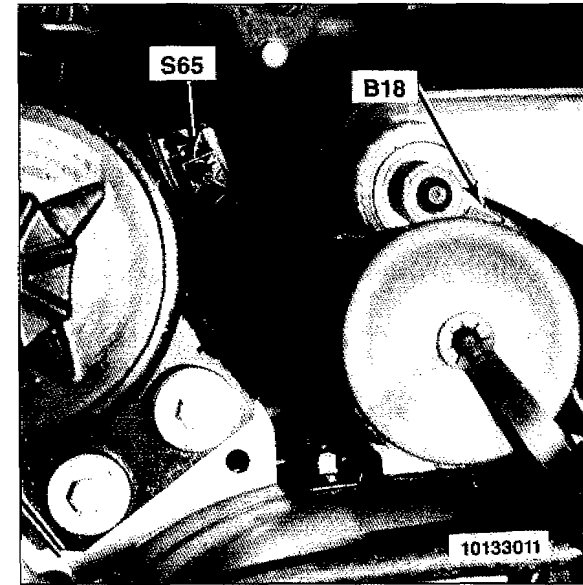
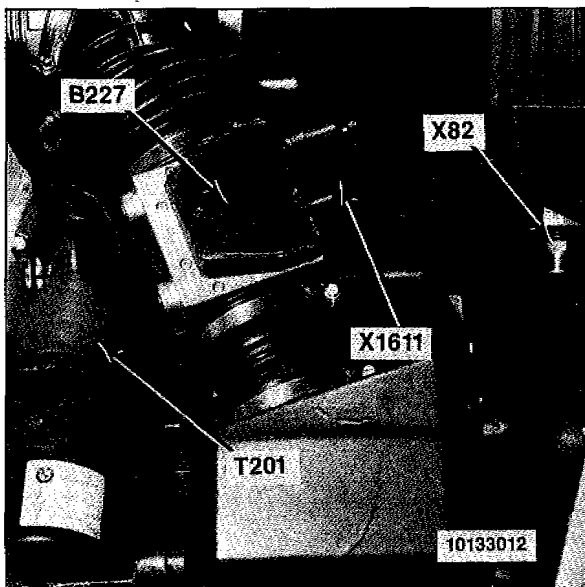


Figure 3- LH Side Of Engine Compartment Near Shock Tower (750iL)

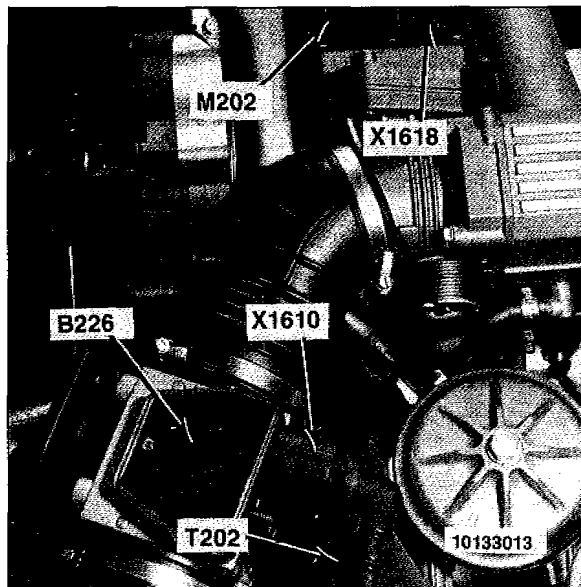
- B18 Brake Fluid Level Switch
- S65 Power Steering Fluid Level Switch

**BMW**  
**7** **COMPONENT LOCATION VIEWS**



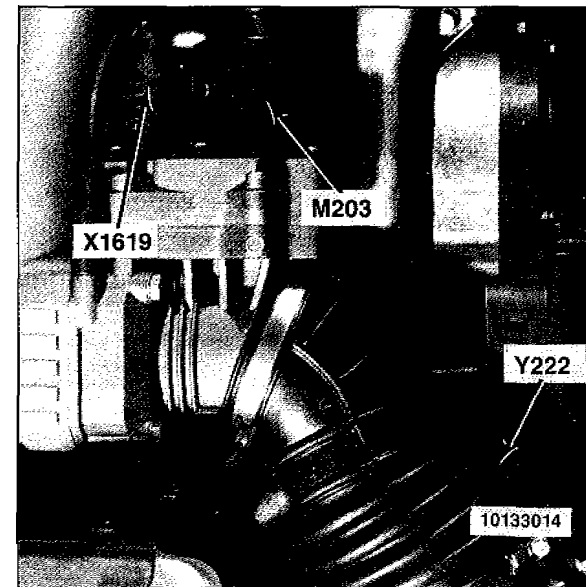
**Figure 1- RH Front Of Engine Compartment (750iL)**

- B227** Air Mass Meter II (Cyl 7-12)
- T201** Ignition Coil I (Cyl 1-6)
- X82** Connector (3 pins)
- X1611** Connector (6 pins)



**Figure 2- LH Front Of Engine Compartment (750iL)**

- B226** Air Mass Meter I (Cyl 1-6)
- M202** Throttle Position Motor (Cyl 1-6)
- T202** Ignition Coil II (Cyl 7-12)
- X1610** Connector (6 pins)
- X1618** Connector (8 pins)



**Figure 3- RH Front Of Engine (750iL)**

- M203** Throttle Position Motor II (Cyl 7-12)
- X1619** Connector (8 pins)
- Y222** Evaporative Purge Valve II (Cyl 7-12)



## COMPONENT LOCATION VIEWS

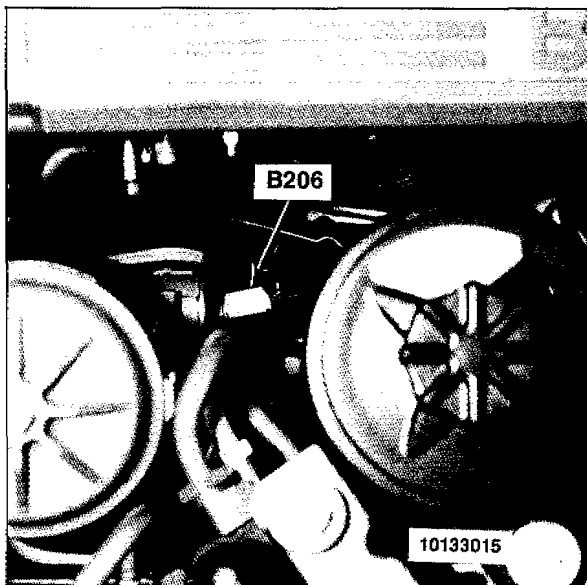


Figure 1- LH Side Of Engine Near The Wheel Well (750iL)

B206 Oil Pressure Switch

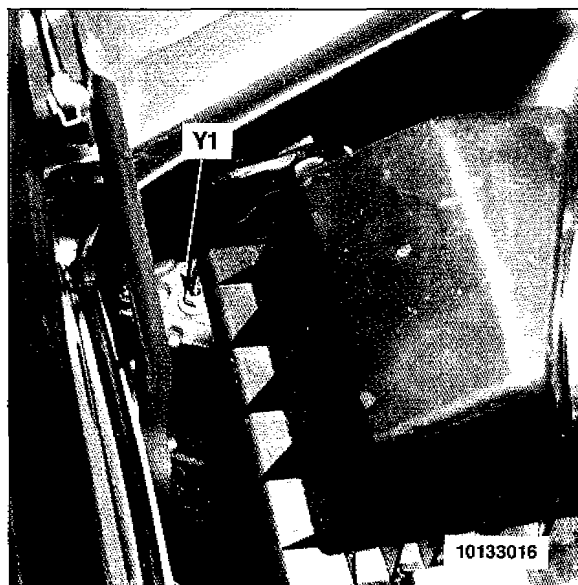


Figure 2- LH Front Of Engine Compartment (750iL)

Y1 ABS Hydraulic Unit

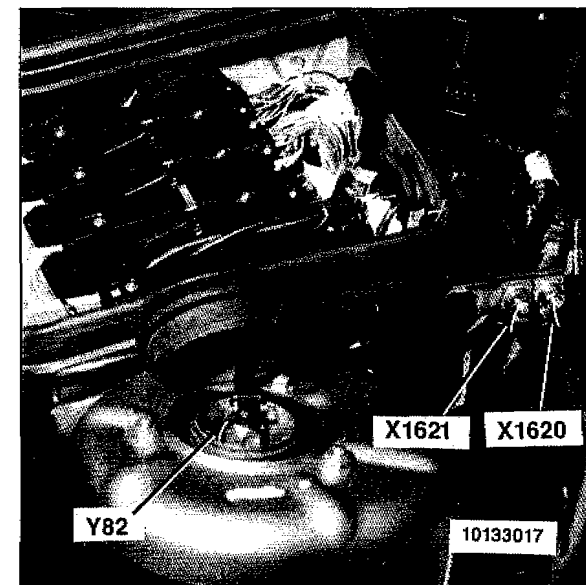


Figure 3- Top Of RH Front Wheel Well (750iL)

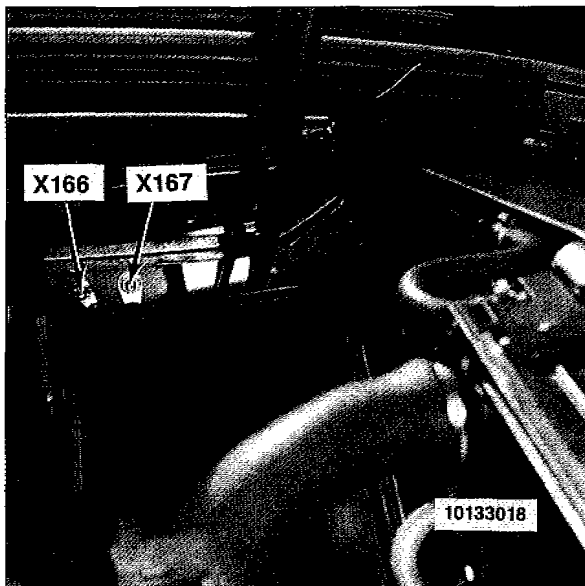
X1620 Ground

X1621 Ground

Y82 EDC Right Front Shock Absorber

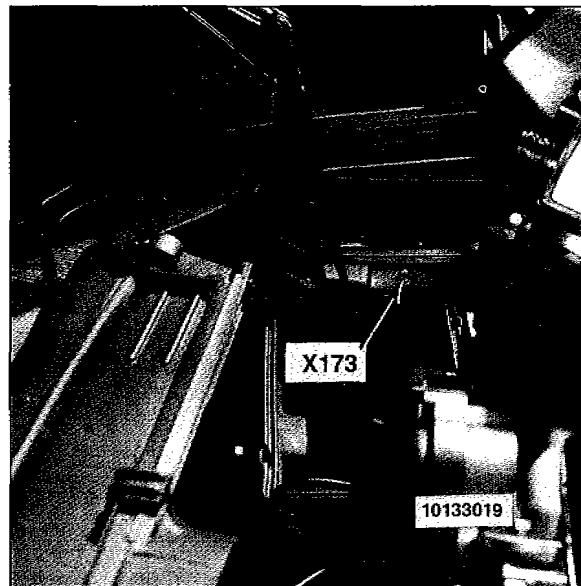
**BMW** COMPONENT LOCATION VIEWS

**7**



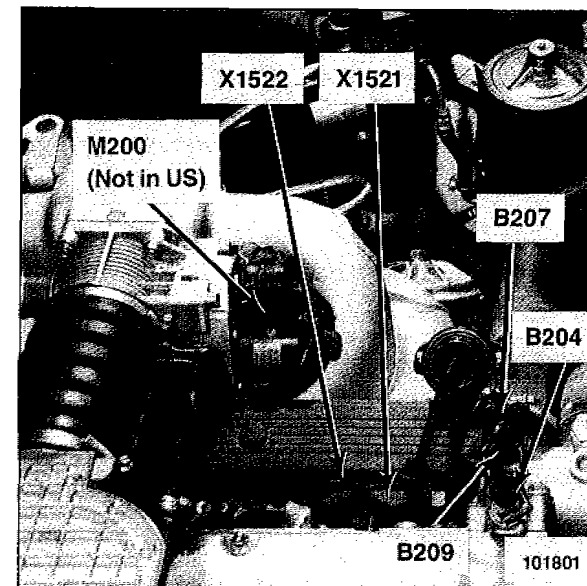
**Figure 1- LH Front Of Engine Compartment (Air Filter Removed) (750iL)**

- X166 Ground
- X167 Ground



**Figure 2- RH Front Of Engine Compartment (Air Filter Removed) (750iL)**

- X173 Ground



**Figure 3- RH Front Of Engine (735i/735iL)**

- B204 Coolant Temperature Sensor
- B207 Coolant Temperature Sender
- B209 Water Temperature Sensor
- X1521 Connector (3 pins)
- X1522 Connector (3 pins)

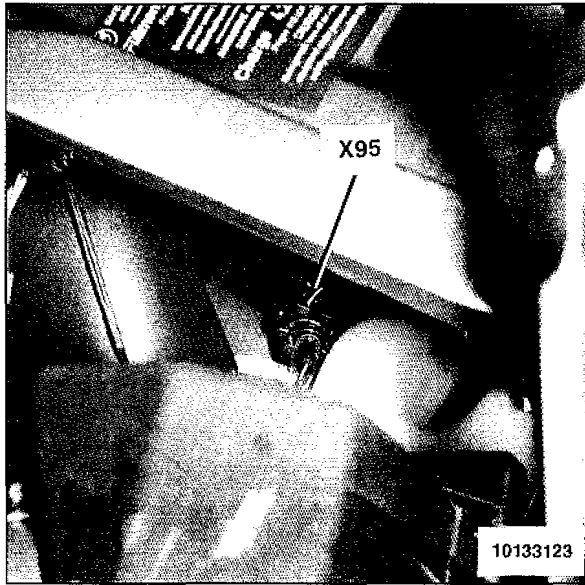


Figure 1- RH Front Of Engine Compartment

X95

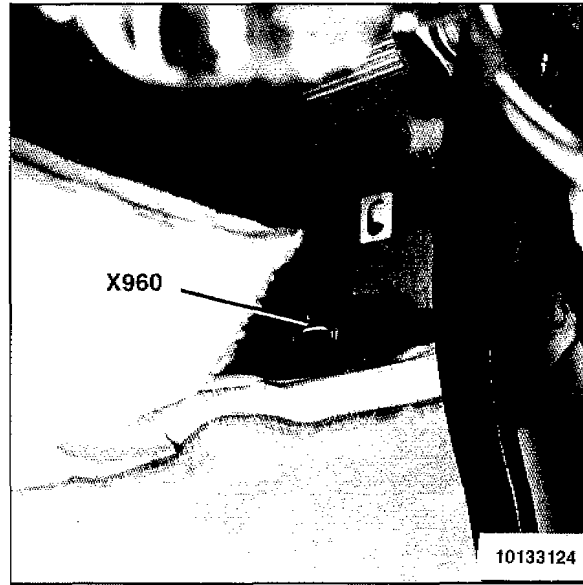


Figure 2- Driver's Footwell

X960

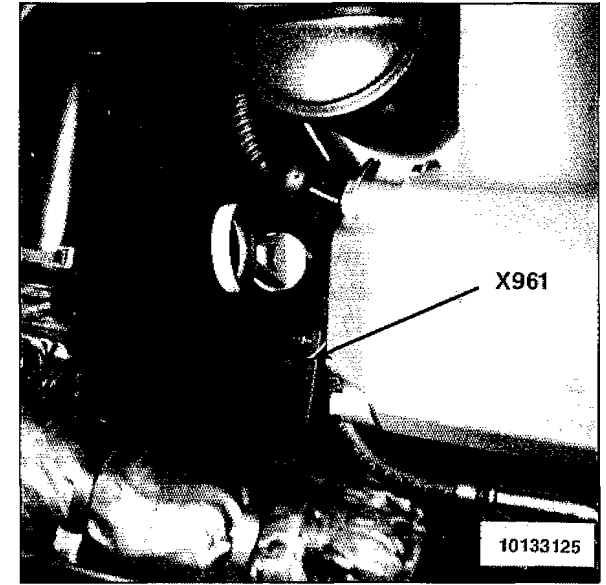


Figure 3- RH Rear Of Engine Compartment (On Engine Firewall)

X961

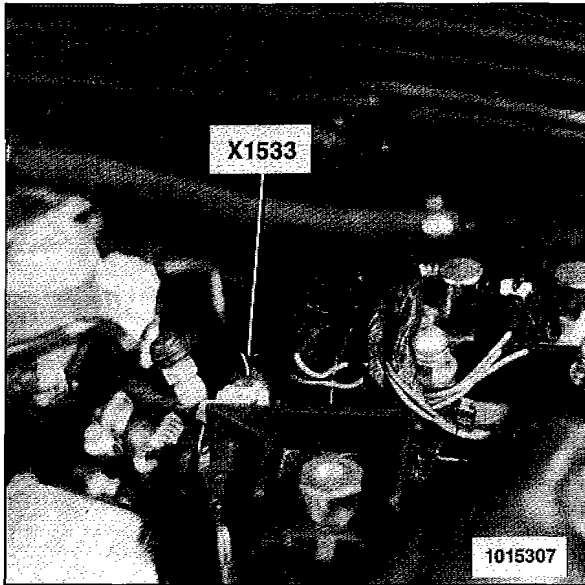


Figure 1- LH Rear of Engine Compartment (750iL)

X1533 Connector (3 pins)

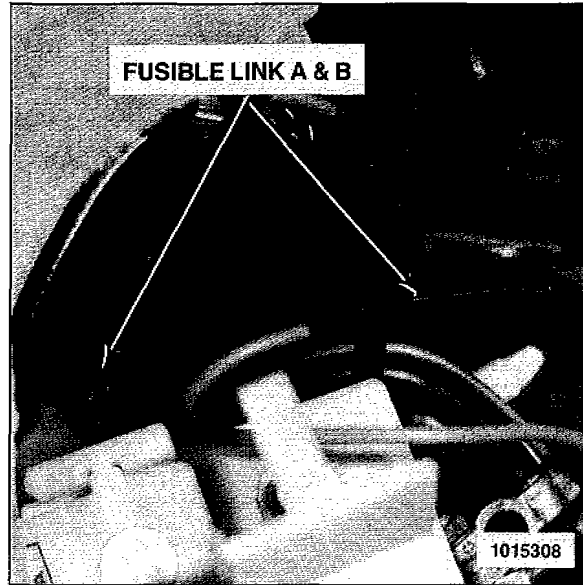


Figure 2- Under RH Side Of Rear Seat

Fusible Link A (50A)  
Fusible Link B (80A)

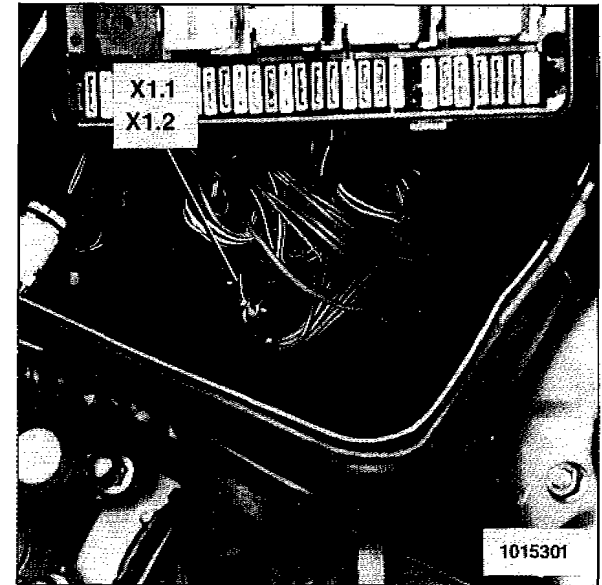


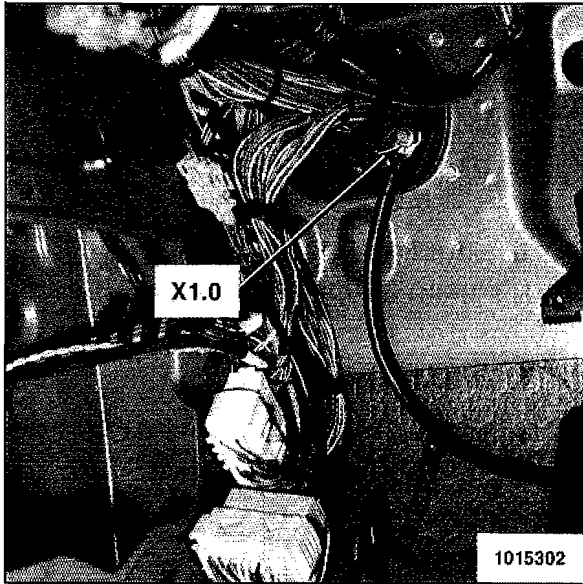
Figure 3- LH Rear Corner Of Engine Compartment

X1.1 Junction Post  
X1.2 Junction Post

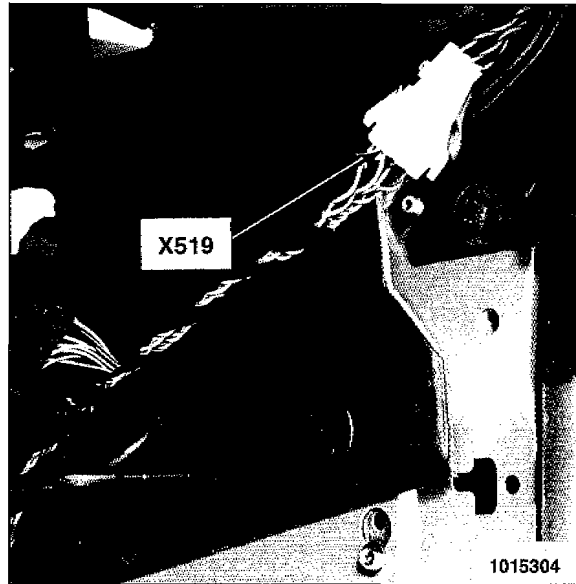




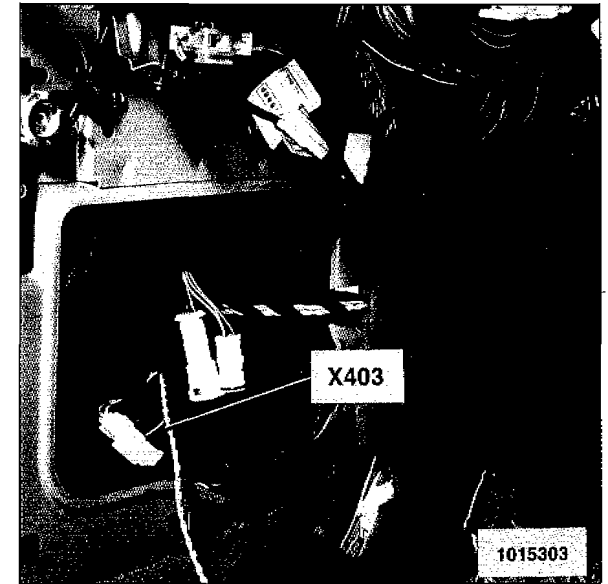
## COMPONENT LOCATION VIEWS



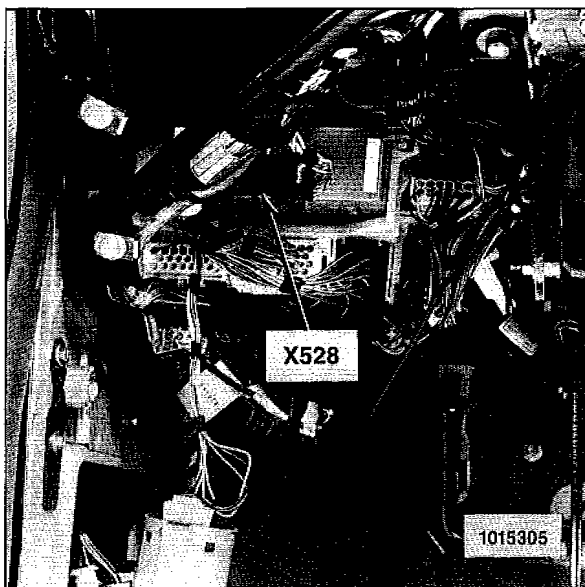
**Figure 1- Behind LH Side Of Dash**  
**X1.0 Junction Post**



**Figure 2- Above RH Kick Panel**  
**X519 Connector (4 pins) WS**



**Figure 3- Inside LH Kick Panel**  
**X403 Connector (2 pins) WS**



**Figure 1- Behind Left Side Of Dash, LH  
Side Of Steering Column**

**X528 Connector (8 pins) SW**



## SPLICE LOCATION VIEWS

### SPLICE LOCATION INDEX

This index contains all the splices in the car, what harness each one is in, and the page that the splices appear on. The drawings after the index show how the harness is routed through the car and where the splices are located on the harness.

#### Index-Splice Locations - E32 - 735i, 735iL, 750iL

SPLICE	HARNESS	PAGE NUMBER	SPLICE	HARNESS	PAGE NUMBER
X145	FRONT	8000-02	X584	INSTRUMENT AUTO TRANS	8000-06
X181-X193	FRONT	8000-02	X584	INSTRUMENT MAN TRANS	8000-05
X195-X206	FRONT	8000-02	X597	INSTRUMENT AUTO TRANS	8000-06
X208-X210	FRONT	8000-02	X597	INSTRUMENT MAN TRANS	8000-05
X212-X215	FRONT	8000-02	X824-X830	RADIO/HIFI/CD	NOT SHOWN
X217	FRONT	8000-02	X831	SUNROOF	NOT SHOWN
X222-X228	FRONT	8000-02	X832	TRAILER ADAPT	NOT SHOWN
X234	FRONT	8000-02	X833	TRUNK	NOT SHOWN
X241-X246	FRONT	8000-02	X834	LH REAR DOOR	NOT SHOWN
X430-X434	REAR	8000-07	X835	RH REAR DOOR	NOT SHOWN
X436-X439	REAR	8000-07	X836	DRIVER SEAT	NOT SHOWN
X441-X451	REAR	8000-07	X837-X838	REAR SEAT HEATING	NOT SHOWN
X452-X469	REAR	8000-07	X839-X843	DRIVER SEAT	NOT SHOWN
X470	REAR	8000-07	X844-X847	PASSENGER SEAT	NOT SHOWN
X472-X473	REAR	8000-07	X848-X851	DRIVER DOOR	NOT SHOWN
X475	REAR	8000-07	X852-X860	IHKA	8000-08
X476-X477	REAR	8000-07	X863	PASSENGER DOOR	NOT SHOWN
X479-X489	REAR	8000-07	X866-X868	REAR SEAT HEATING	NOT SHOWN
X561-X567	INSTRUMENT AUTO TRANS	8000-06	X1008	FRONT	8000-02
X568-X572	INSTRUMENT AUTO TRANS	8000-06	X1022	FRONT	8000-02
X568-X572	INSTRUMENT MAN TRANS	8000-05	X1023	FRONT	8000-02
X573	INSTRUMENT AUTO TRANS	8000-06	X1323	REAR	8000-07
X574-X577	INSTRUMENT AUTO TRANS	8000-06	X1324	REAR	8000-07
X574-X577	INSTRUMENT MAN TRANS	8000-05	X1359-X1362	REAR	8000-04
X579-X582	INSTRUMENT AUTO TRANS	8000-06	X1801-X1802	M70 ENGINE	8000-04
X579-X582	INSTRUMENT MAN TRANS	8000-05	X1804-X1807	M70 ENGINE	8000-04



## SPLICE LOCATION VIEWS

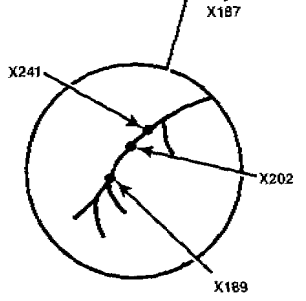
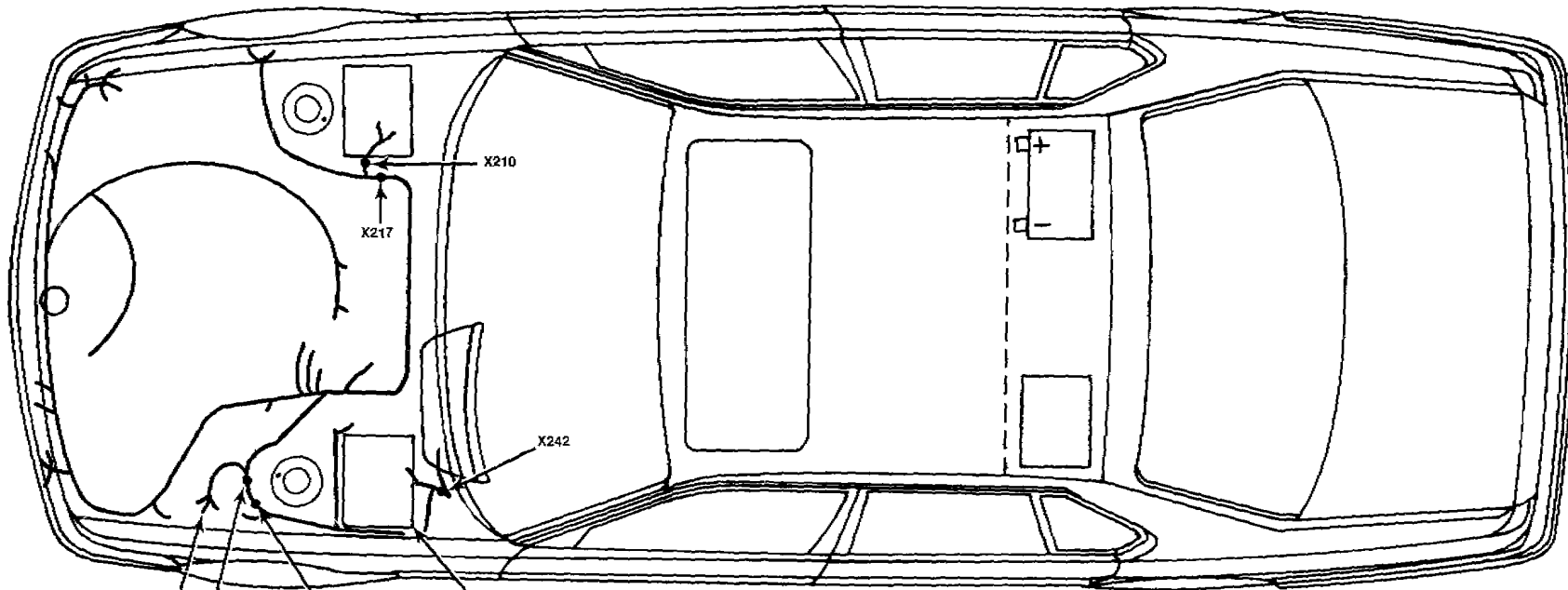
### SPLICE LOCATION INDEX

SPLICE	HARNESS	PAGE NUMBER
X1810-X1812	M70 ENGINE	8000-04
X1818-X1824	M70 ENGINE	8000-04
X1826-X1827	M70 ENGINE	8000-04
X1831	M70 ENGINE	8000-04
X1834-X1837	M70 ENGINE	8000-04
X1840-X1841	M70 ENGINE	8000-04
X1843-X1844	M70 ENGINE	8000-04
X1843-X1844	M70 ENGINE	8000-04
X1850	M70 ENGINE	8000-04
X1861	M70 ENGINE	8000-04
X1865	M70 ENGINE	8000-04
X1870-X1875	M70 ENGINE	8000-04
X1902-X1903	M30 ENGINE	8000-03
X1906-X1908	M30 ENGINE	8000-03
X1913	M30 ENGINE	8000-03
X1914	M30 ENGINE	8000-03
X1920-X1921	M30 ENGINE	8000-03
X1926	M30 ENGINE	8000-03
X1931	M30 ENGINE	8000-03
X1933	M30 ENGINE	8000-03
X1935-X1936	M30 ENGINE	8000-03
X1939	M30 ENGINE	8000-03
X1951	M30 ENGINE	8000-03
X1954-X1955	M30 ENGINE	8000-03
X2972	INSTRUMENT AUTOTRANS	8000-06
X3170	FRONT	8000-02
X13023	REAR	8000-07
X13024	REAR	8000-07
X19507	FRONT	8000-02
X19508	FRONT	8000-02



# SPLICE LOCATION VIEWS

## FRONT HARNESS

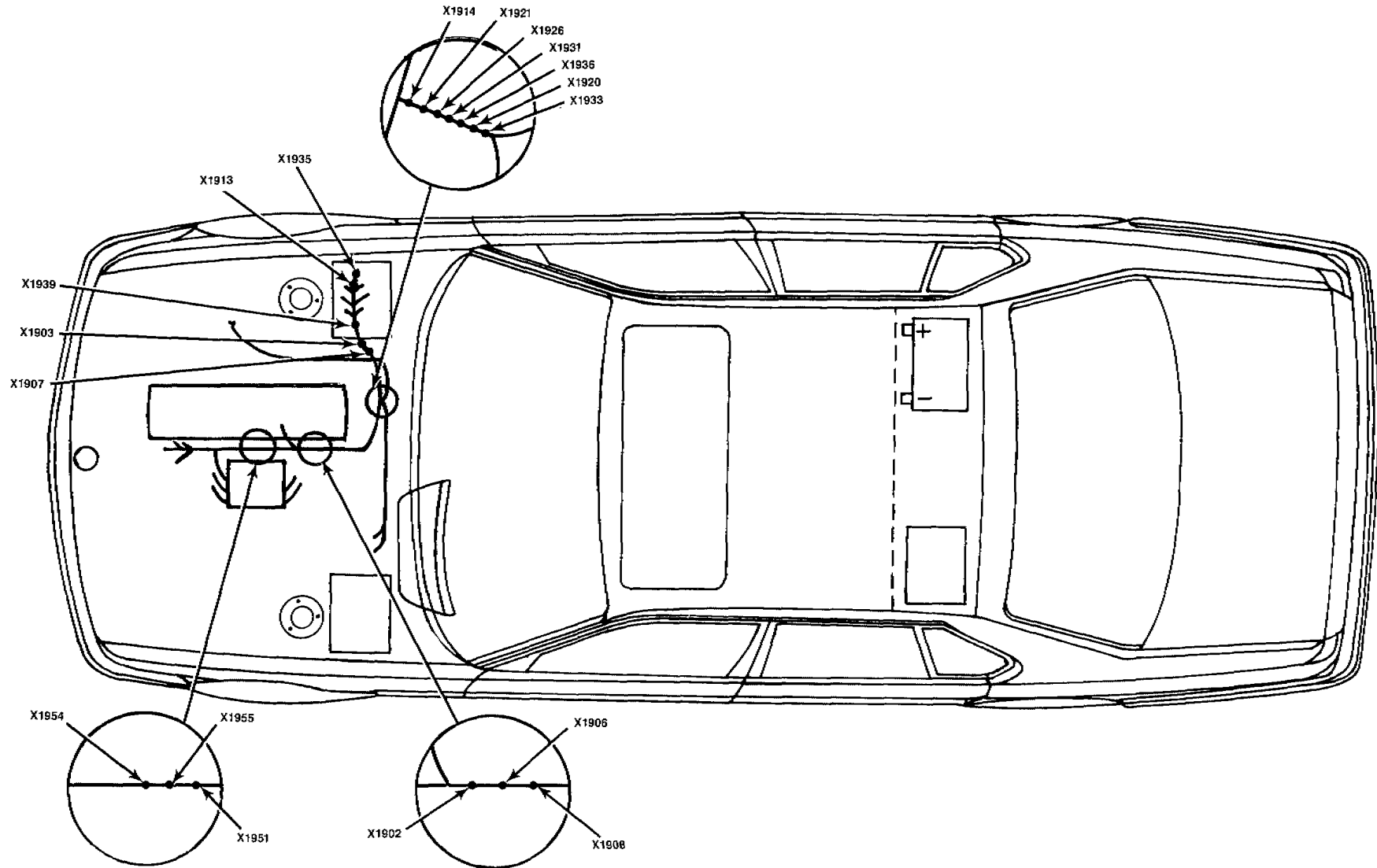


X181	X214	X195
X1008	X228	X210
X182 *	X244	X222 *
X183	X196 *	X212
X184 *	X227	X224
X185	X225	X213 *
X190	X204	X1023
X188	X205	X223
X191	X199	X208
X192	X206	X208
X193	X226	X243
X246	X203	X1022 *
X245	X19507	X200
X3170 *		X201 *
		X197 *
		X215
		X196
		X19508



# SPLICE LOCATION VIEWS M30 ENGINE HARNESS

735i, 735iL





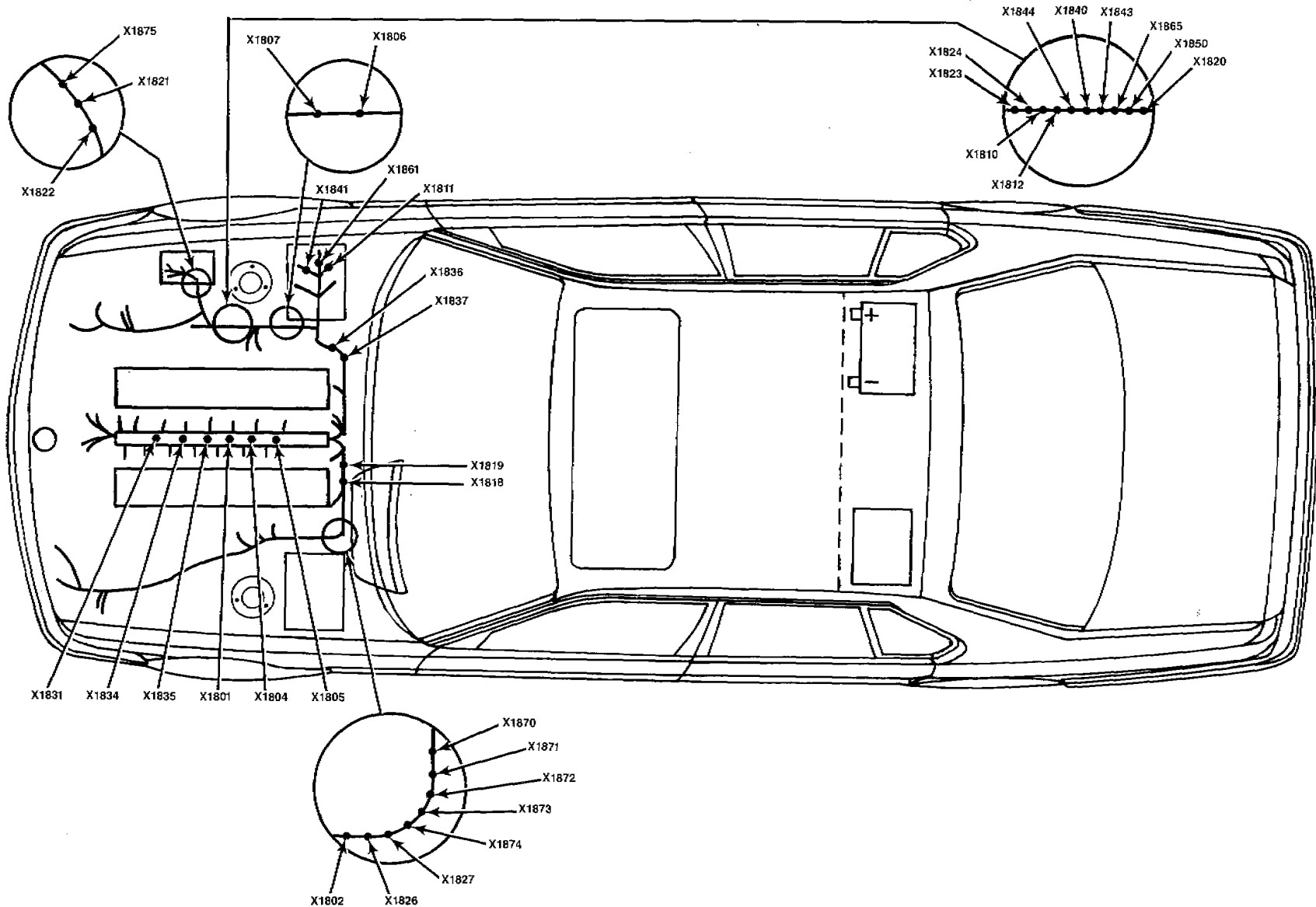
# SPLICE LOCATION VIEWS M70 ENGINE HARNESS

750iL

09/89

8000-04

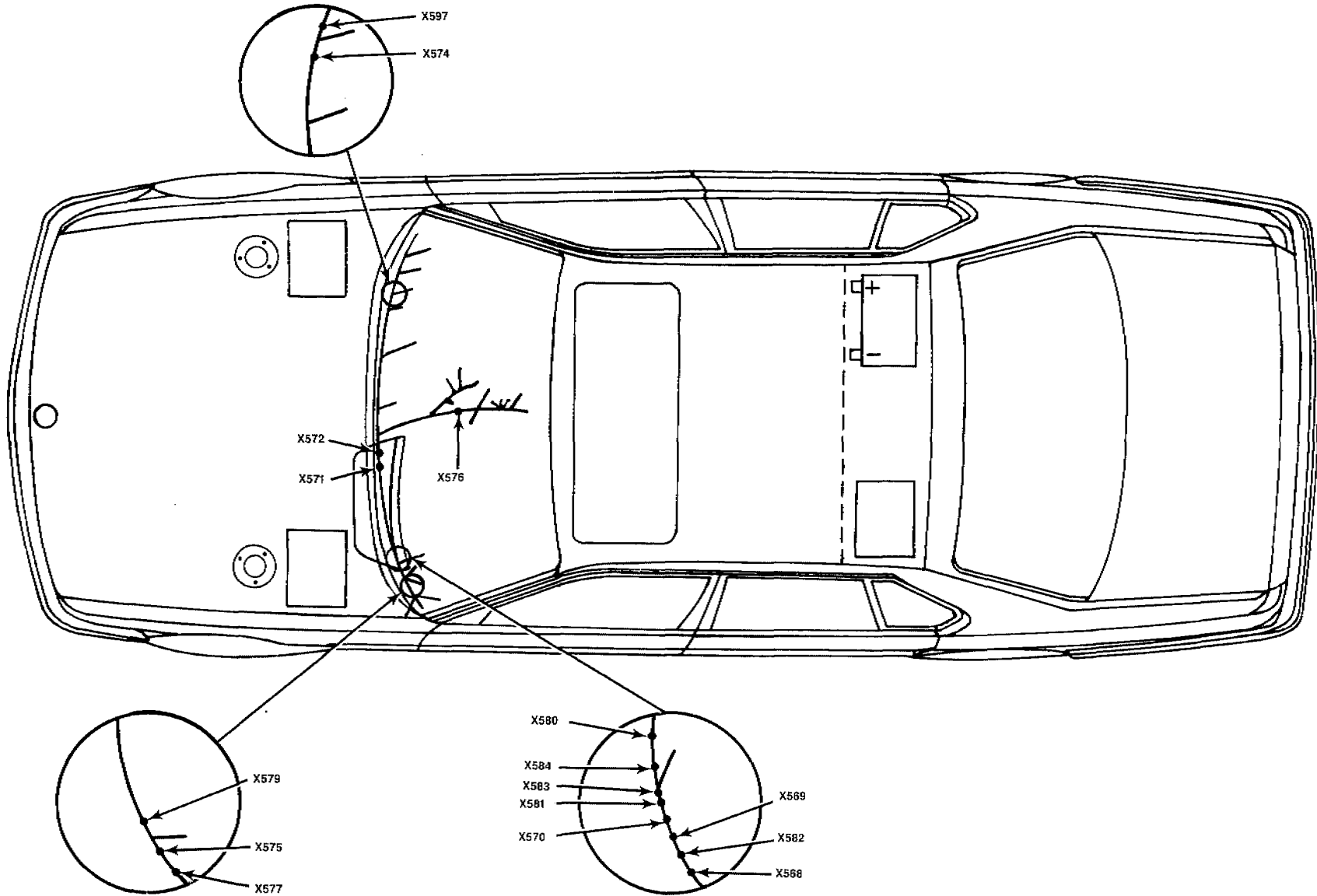
1990





# SPLICE LOCATION VIEWS INSTRUMENT HARNESS

# MANUAL TRANSMISSION

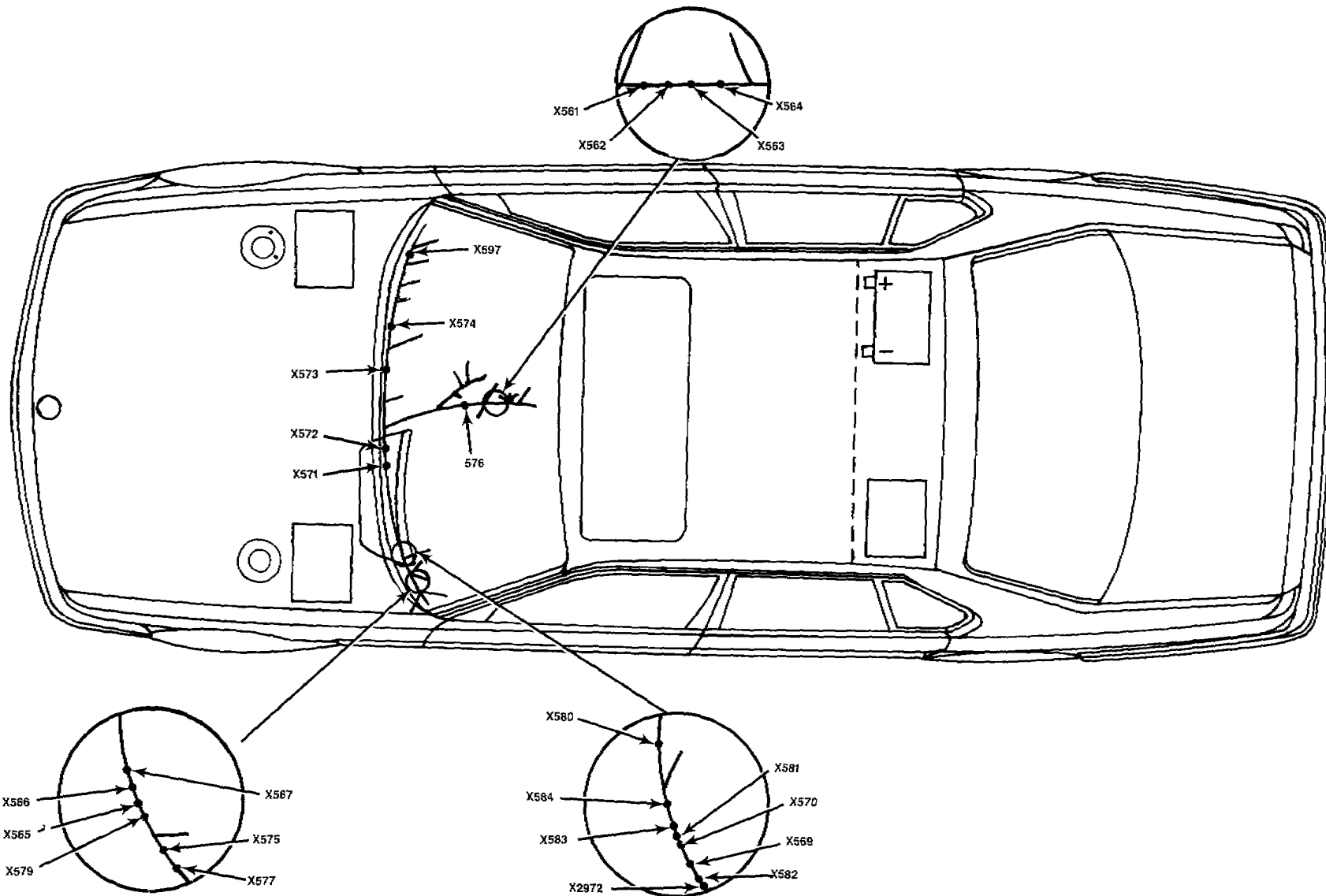






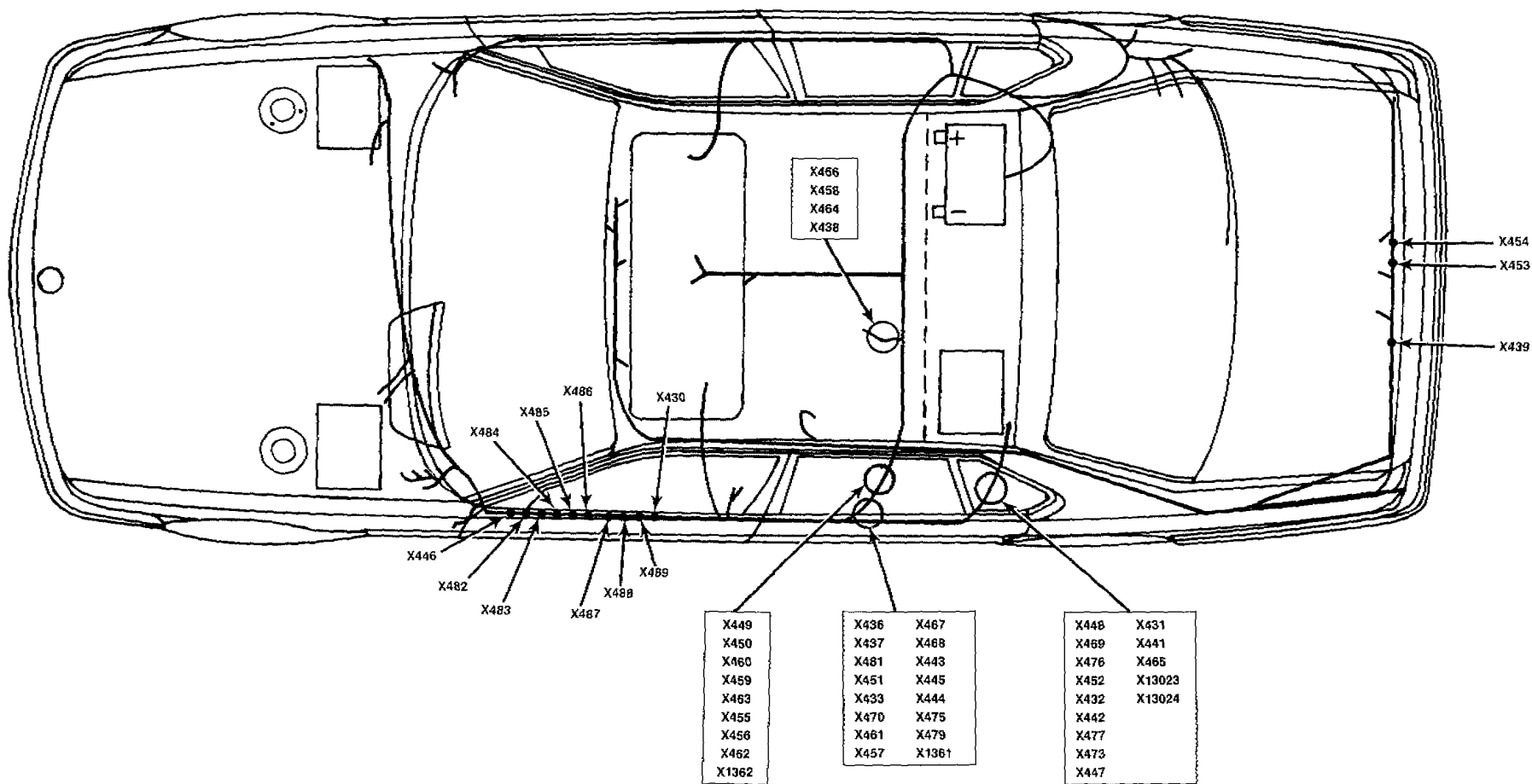
# SPLICE LOCATION VIEWS INSTRUMENT HARNESS

# AUTOMATIC TRANSMISSION





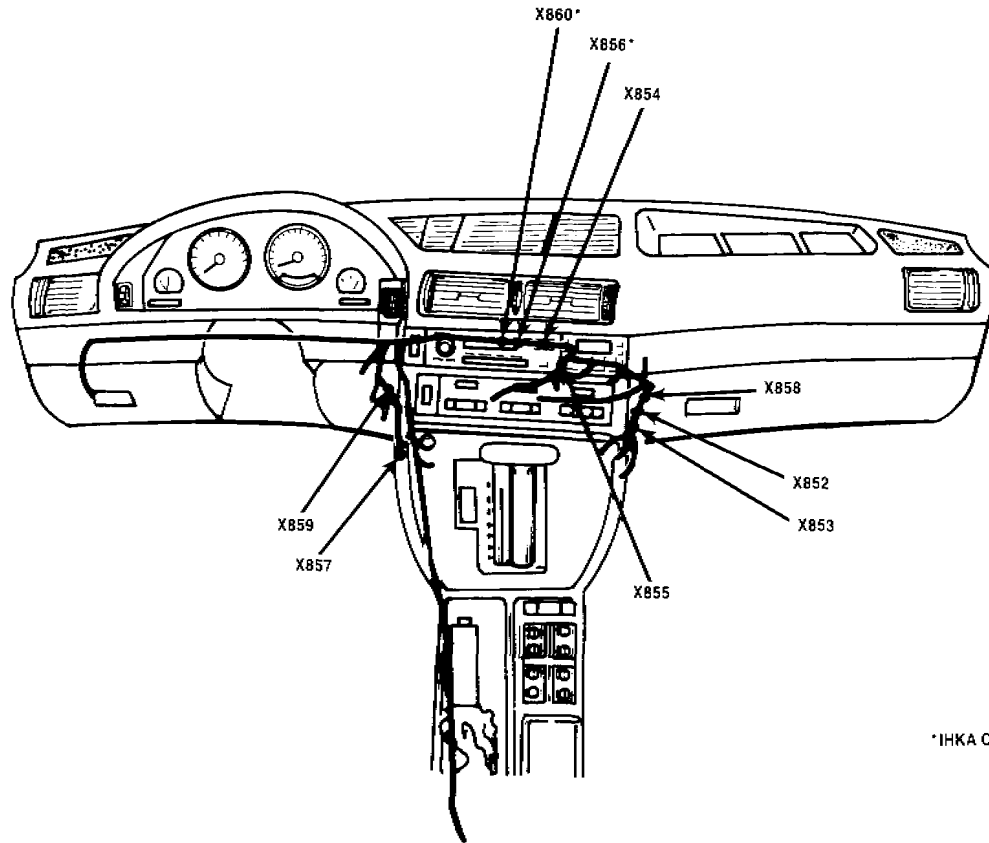
# SPLICE LOCATION VIEWS REAR HARNESS





# SPLICE LOCATION VIEWS

## IHR/IHKA HARNESS

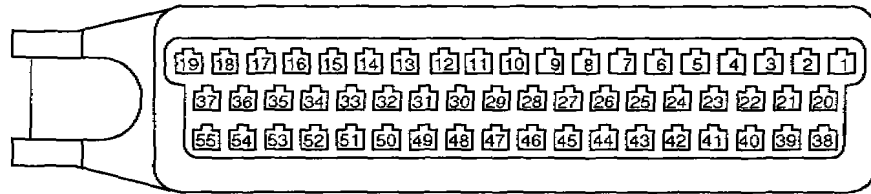


\*IHKA ONLY



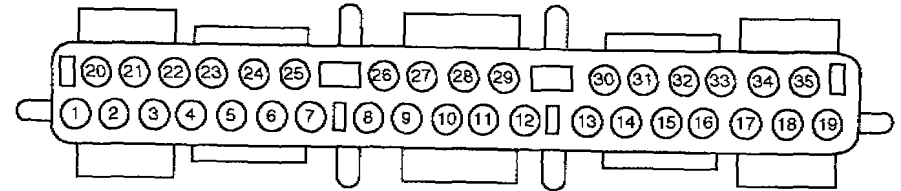
# CONNECTOR VIEWS

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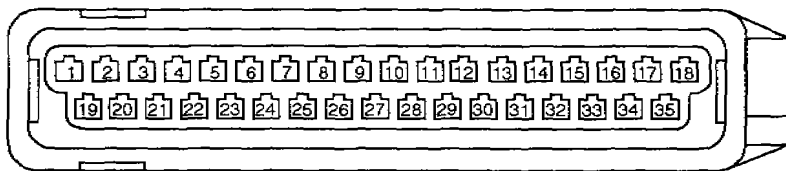
X7 NA

B350001 00



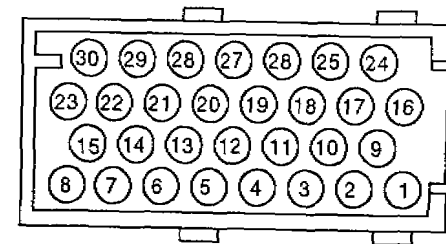
X12 SW

B350002 00



X11 NA

B300001 00



X13 BL

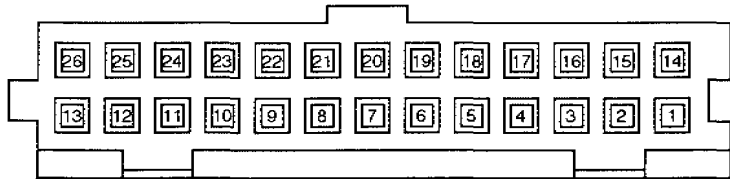
X14 SW

X15 WS



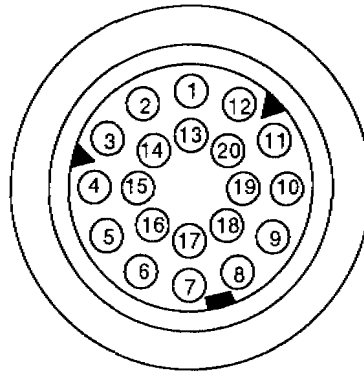
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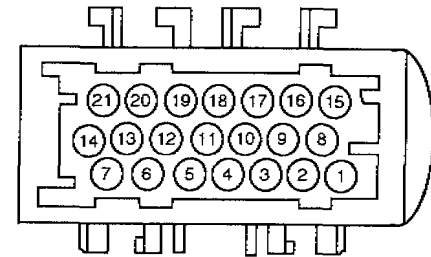
- X16 GE
- X18 BL
- X19 GN
- X22 BL

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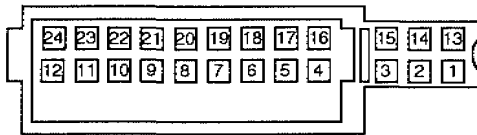
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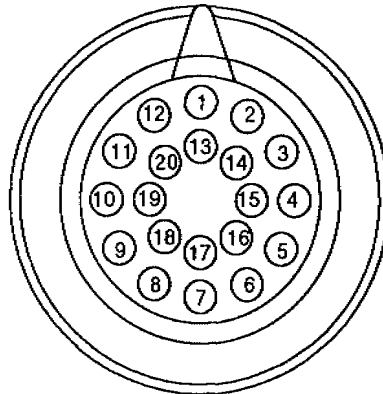
- X23 WS
- X24 SW

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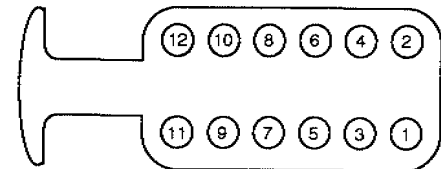
- X17 BR

B200004.00



- X21 SW

B120013.00

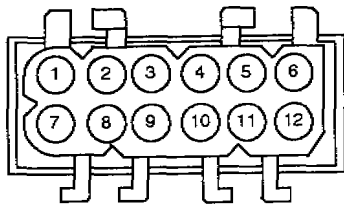


- X31 SW



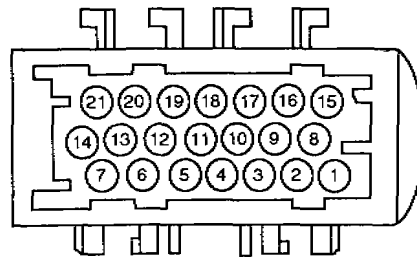
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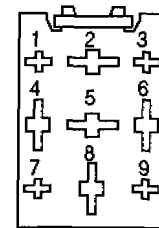
X32 WS

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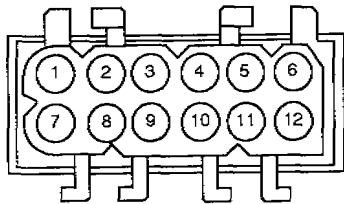
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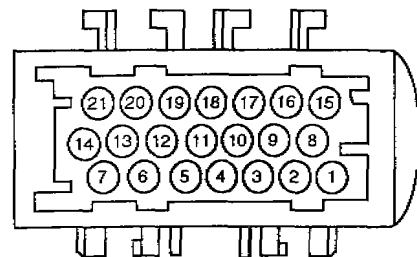
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|---------------|---------------|
| <u>X48</u> WS | <u>X57</u> SW |
| <u>X49</u> WS | <u>X58</u> WS |
| <u>X50</u> WS | <u>X59</u> SW |
| <u>X51</u> SW | <u>X60</u> SW |
| <u>X52</u> WS | <u>X61</u> SW |
| <u>X53</u> WS | <u>X62</u> WS |
| <u>X54</u> SW | <u>X63</u> WS |
| <u>X55</u> WS | <u>X64</u> SW |
| <u>X56</u> WS | <u>X65</u> BR |

B120004.01



X33 SW

B210001.00

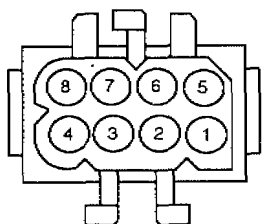


X36 SW



# CONNECTOR VIEWS

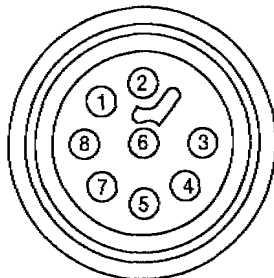
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X69 WS

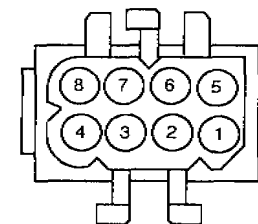
X72 WS

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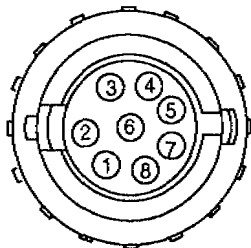
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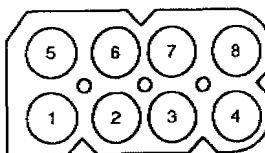
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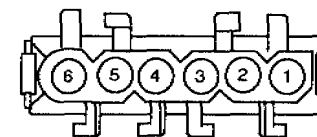
X70 SW

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X73 SW

B060003.03

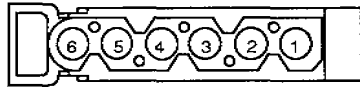


X75 OR



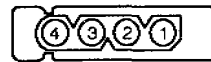
# CONNECTOR VIEWS

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X76 SW

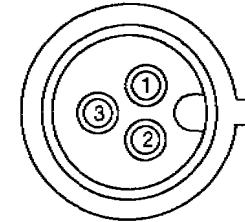
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X78 SW

X79 SW

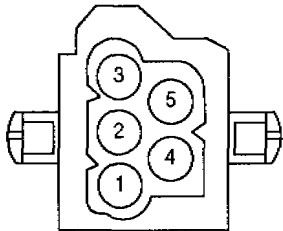
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X81 OR

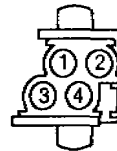
X86 OR

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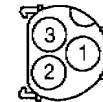
X77 GN

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X80 GN

B030004.00



X82 SW

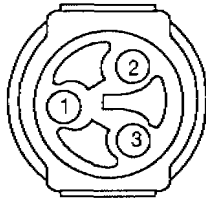
X85 SW





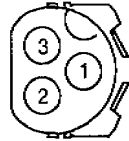
# CONNECTOR VIEWS

B030012.00



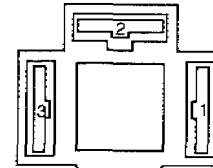
X83 GE

B030006.00



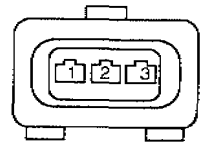
X87 SW  
X91 SW  
X92 SW  
X95 SW

B030014.00



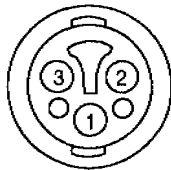
X89 SW  
X90 SW  
X93 SW  
X94 GSW

B030015.00



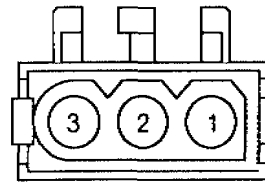
X96 GR

B030013.00



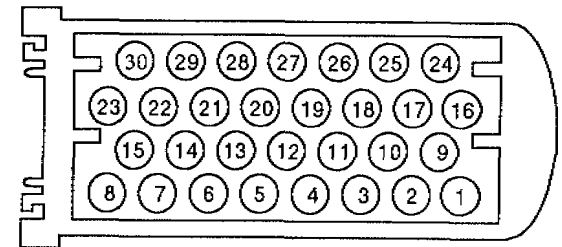
X84 GE

B030001.00



X88 SW

B300002.00

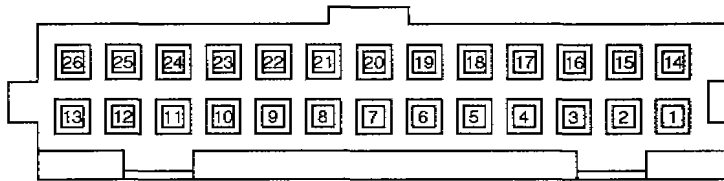


X251 SW



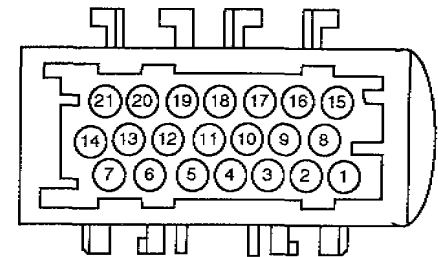
# CONNECTOR VIEWS

B260002.01



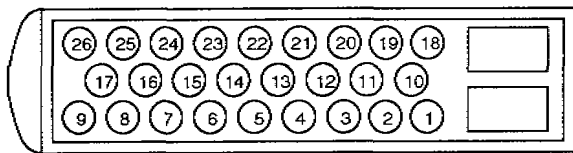
- |             |    |             |    |
|-------------|----|-------------|----|
| <u>X252</u> | GN | <u>X254</u> | WS |
| <u>X253</u> | GN | <u>X255</u> | GE |

B210001.00



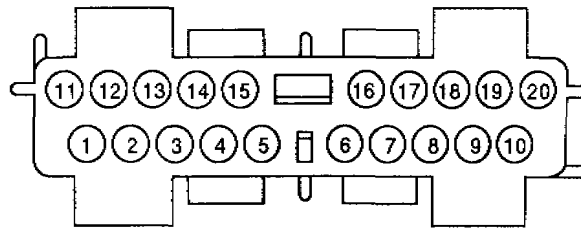
- |             |    |
|-------------|----|
| <u>X260</u> | SW |
|-------------|----|

B260001.00



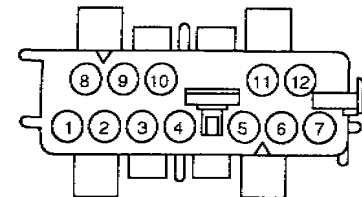
- |             |    |
|-------------|----|
| <u>X256</u> | SW |
| <u>X257</u> | SW |

B200001.00



- |             |    |
|-------------|----|
| <u>X258</u> | SW |
| <u>X259</u> | WS |

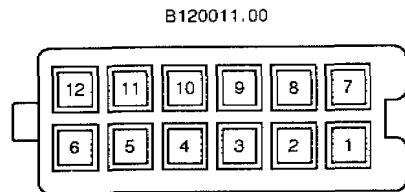
B120005.00



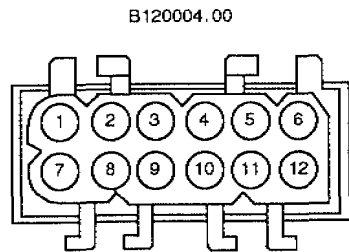
- |             |    |
|-------------|----|
| <u>X270</u> | SW |
|-------------|----|



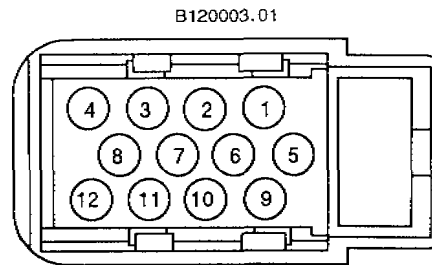
# CONNECTOR VIEWS



X271 GR

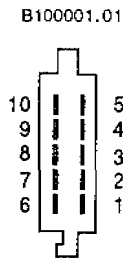


X272 SW



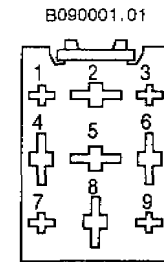
X273 SW

X274 SW



X277 SW

X278 SW

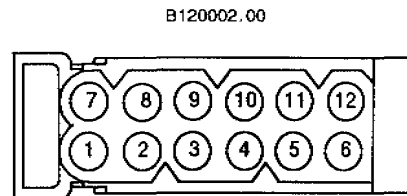


X291 SW

X292 WS

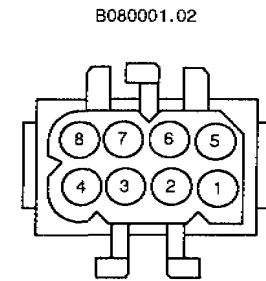
X293 WS

X294 WS



X275 WS

X279 WS



X295 SW

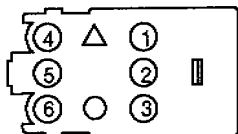
X298 SW

X299 SW



# CONNECTOR VIEWS

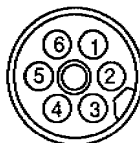
B060005.12



X311 SW

X312 SW

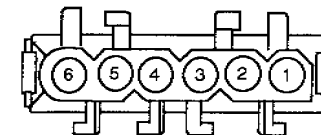
B060004.00



X318 SW

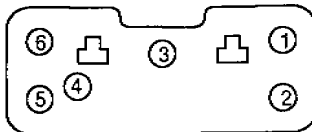
X319 SW

B060003.00



X322 SW

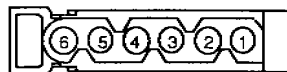
B060002.00



X316 WS

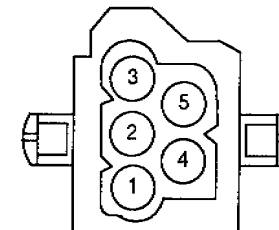
X317 SW

B060001.01



X321 WS

B050005.00

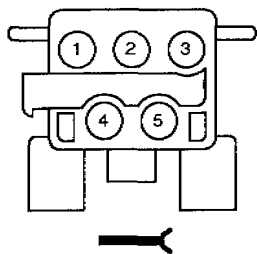


X331 GN



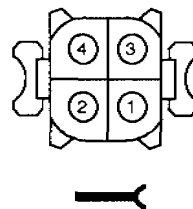
# CONNECTOR VIEWS

B050006.00



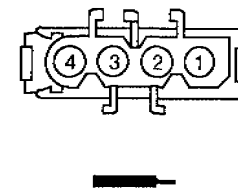
X332 SW

B040010.01



X334 WS

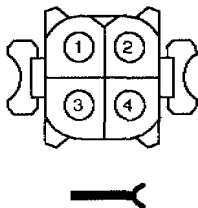
B040002.00



X336 WS

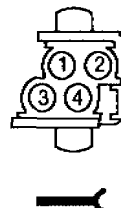
X337 WS

B040008.00



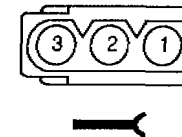
X333 SW

B040003.00



X335 GN

B030002.00



X351 SW

X352 SW

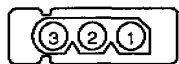
X353 SW

X354 SW



# CONNECTOR VIEWS

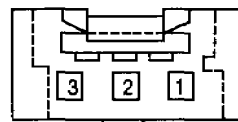
B030003.00



X355 WS

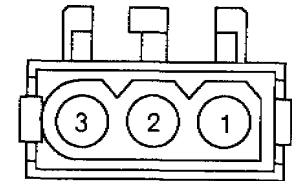
X356 WS

B0300010.00



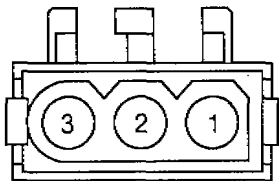
X360 NA

B030001.00



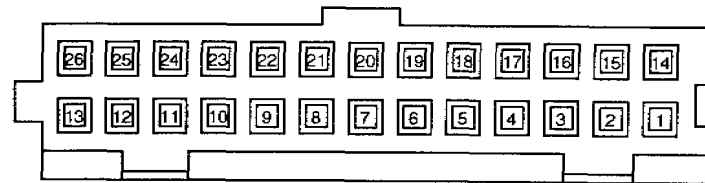
X400 SW

B030001.01



X358 SW

B260002.02



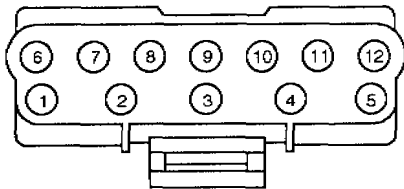
X501 GN

X502 WS



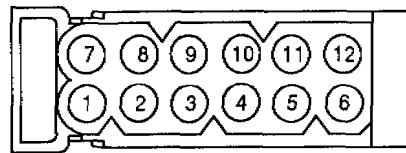
# CONNECTOR VIEWS

B120006.00



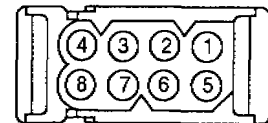
X503 SW  
X504 SW

B120002.01



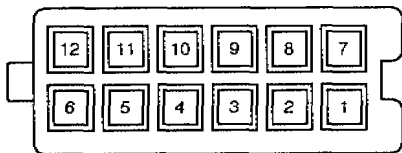
X506 SW

B080002.00



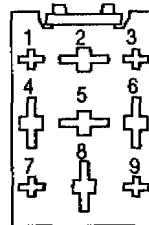
X511 SW  
X512 SW  
X513 SW

B120011.00



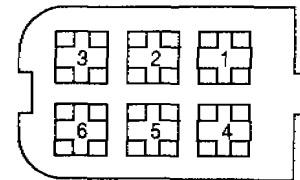
X505 GR

B090001.04



X509 SW  
X510 SW

B060006.00

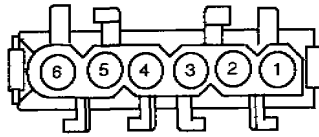


X514 SW



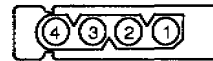
# CONNECTOR VIEWS

B060003.02



X515 WS

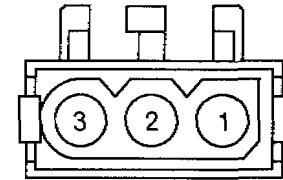
B040004.00



X517 SW

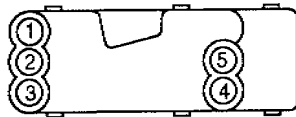
X518 SW

B030001.02



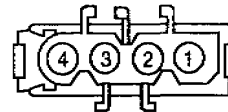
X520 WS

B050003.00



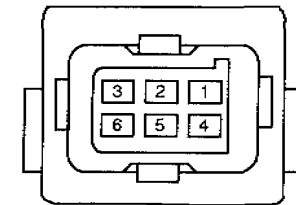
X516 SW

B040002.00



X519 WS

B060020.00



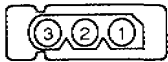
X521 SW





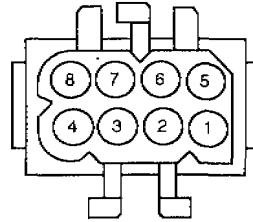
# CONNECTOR VIEWS

B030003.01



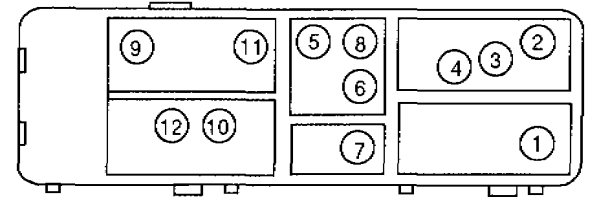
X522 WS

B080001.00



X528 SW

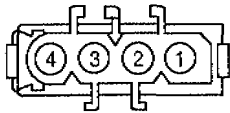
B120008.00



X603 SW

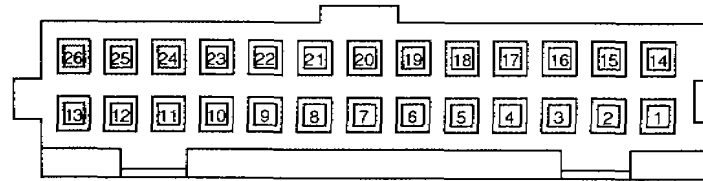
X604 SW

B0400002.00



X524 SW

B260002.02



X601 WS    X612 BL

X602 GE    X613 BL

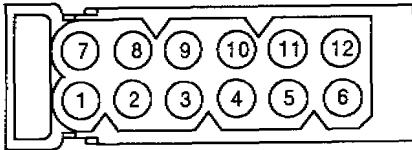
X610 WS    X614 GE

X611 GN



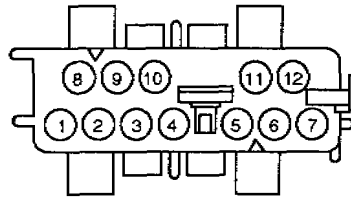
# CONNECTOR VIEWS

B120002.00



X605 SW

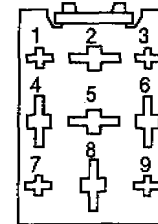
B120005.01



X607 SW

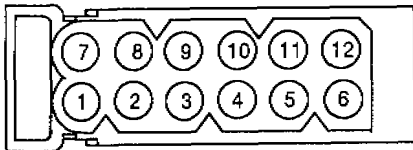
X609 SW

B090001.02



X620 WS

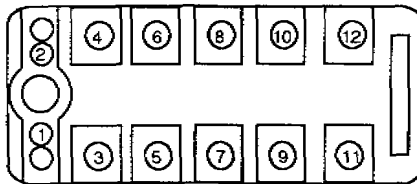
B120002.01



X606 WS

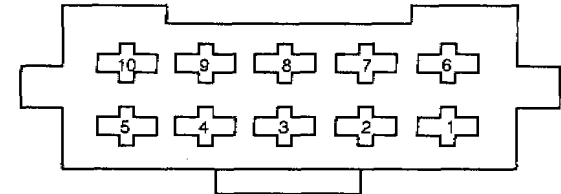
X619 WS

B120009.00



X608 SW

B100002.00



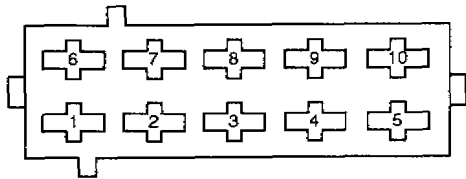
X621 SW

X622 SW



# CONNECTOR VIEWS

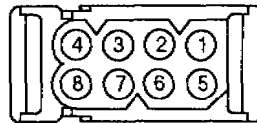
B100005.00



X623 SW

X624 SW

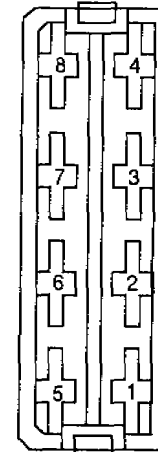
B080002.01



X626 SW

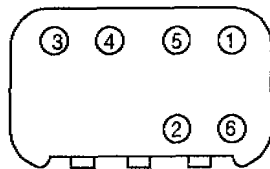
X627 SW

B080006.00



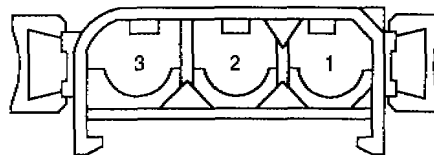
X629 NA

B080013.00



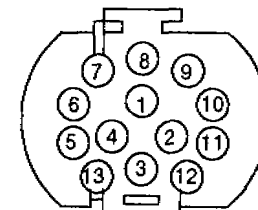
X625 SW

B030009.00



X628 SW

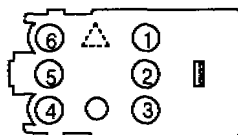
B130002.00



X630 SW

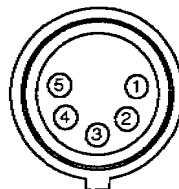
CONNECTOR VIEWS

B060005.00



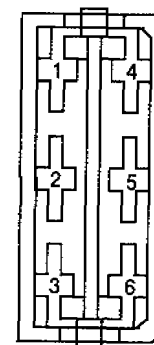
- X636 SW ▲
- X637 SW ▲
- X643 BL ▼

B050004.00



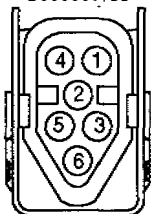
- X639 SW

B060016.00



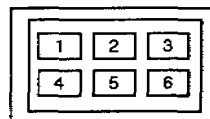
- X642 SW

B060009.00



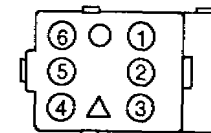
- X638 SW
- X641 SW
- X644 SW
- X646 SW
- X660 SW

B060019.00



- X640 SW

B060008.00

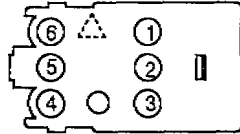


- X645 SW
- X647 SW



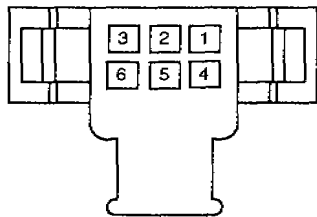
# CONNECTOR VIEWS

B060005.01



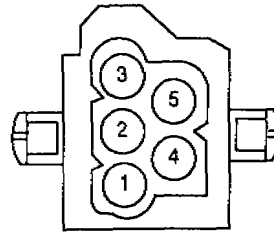
<u>X648</u>	SW	△	<u>X654</u>	WS	△
<u>X649</u>	WS	△	<u>X655</u>	BL	▽
<u>X650</u>	SW	△	<u>X656</u>	GN	△
<u>X651</u>	SW	△	<u>X657</u>	BR	▽
<u>X652</u>	BL	▽	<u>X658</u>	SW	△
<u>X653</u>	SW	△	<u>X659</u>	BL	▽

B060010.01



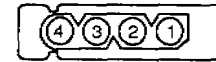
<u>X661</u>	SW		<u>X666</u>	SW
<u>X662</u>	SW		<u>X667</u>	SW
<u>X663</u>	SW		<u>X668</u>	SW
<u>X664</u>	SW		<u>X669</u>	SW
<u>X665</u>	SW		<u>X670</u>	SW

B050001.00



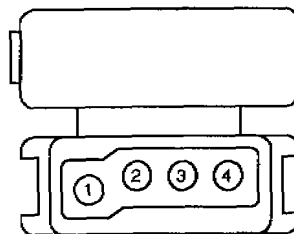
<u>X671</u>	GN
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B0400004.01



<u>X673</u>	SW
<u>X674</u>	SW

B040008.00



<u>X672</u>	SW
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B030003.02

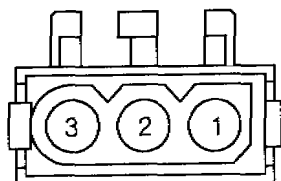


<u>X680</u>	SW
<u>X683</u>	SW
<u>X693</u>	SW



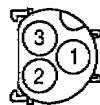
# CONNECTOR VIEWS

B030001.03



X681 WS

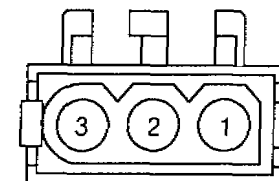
B030004.01



X684 SW

X685 SW

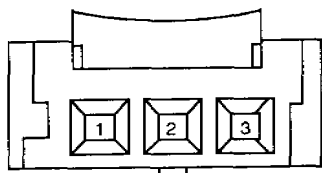
B030001.03



X692 SW

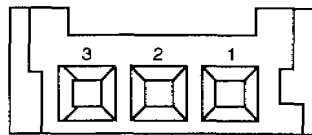
X695 SW

B030016.00



X682 NA

B030007.00



X686 BL

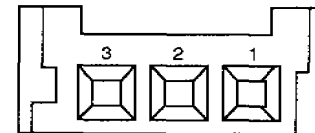
X689 BL

X687 BL

X690 BL

X688 BL

B030007.01

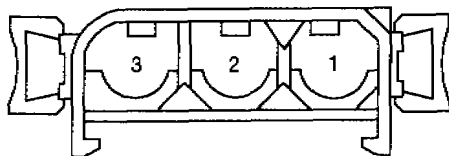


X694 NA



# CONNECTOR VIEWS

B030009.00



X696 SW

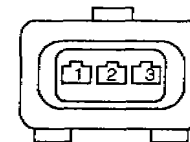
B030004.00



X928 SW

X929 SW

B030015.00



X1514 SW

X1612 GR

X1521 SW

X1613 SW

X1522 SW

X1614 GR

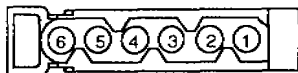
X1525 SW

X1615 SW

X1533 SW

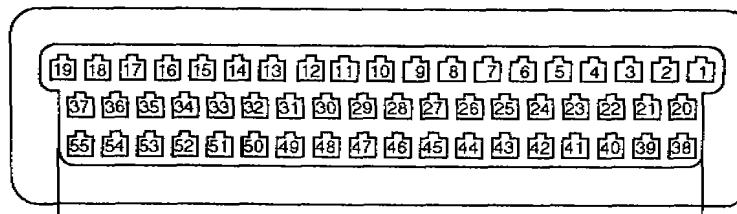
X1622 SW

B060001.01



X907 WS

B550001.00

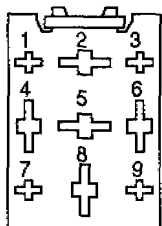


X1500 NA



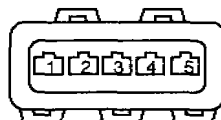
# CONNECTOR VIEWS

B090001.03



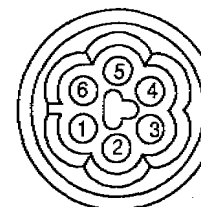
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|--------------|----|--------------|----|
| <u>X917</u>  | RT | <u>X1605</u> | WS |
| <u>X941</u>  | WS | <u>X1606</u> | WS |
| <u>X1515</u> | WS | <u>X1609</u> | WS |
| <u>X1516</u> | WS |              |    |

B050006.00



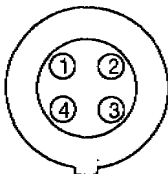
X1528 SW

B060014.00



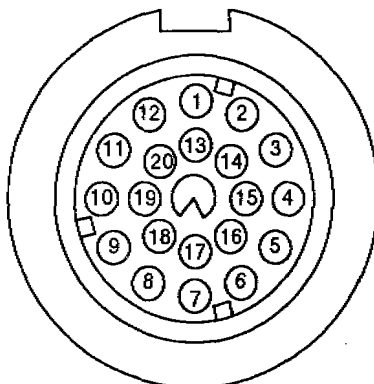
- |              |    |
|--------------|----|
| <u>X1536</u> | SW |
| <u>X1610</u> | SW |
| <u>X1611</u> | SW |

B040006.00



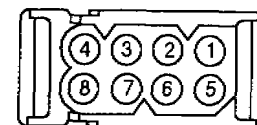
X1523 SW

B200003.00



X1532 SW

B080002.02



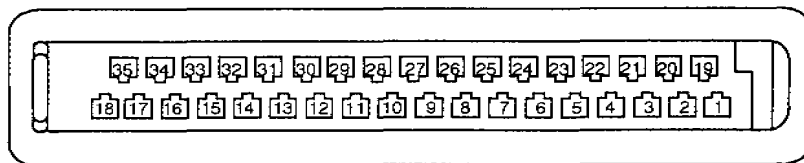
X1537 SW





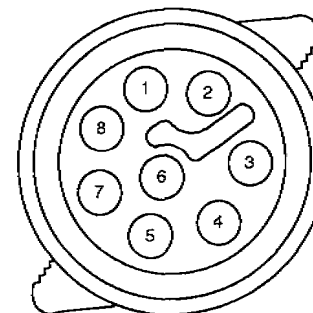
# CONNECTOR VIEWS

B350003.00



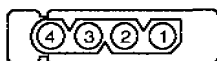
X1550 SW

B080009.00



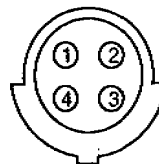
X1554 SW

B0400004.01



X1552 SW

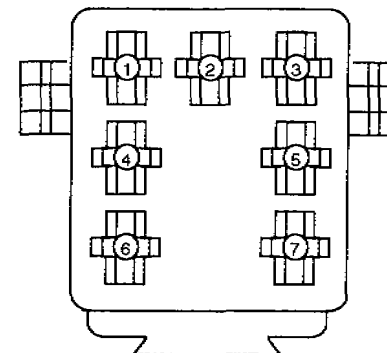
B0400011.00



X1563 SW

X1564 SW

B07000.00



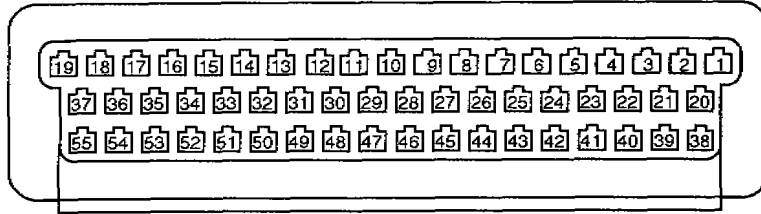
X1607 SW

X1608 SW



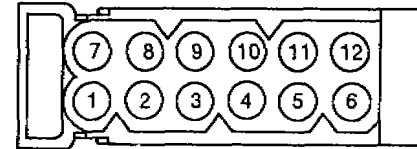
# CONNECTOR VIEWS

B550002.01



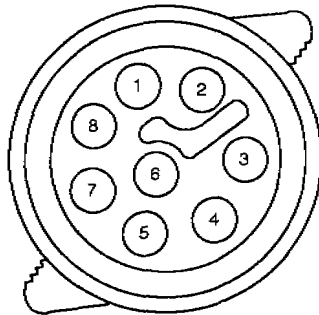
- X1600 NA
- X1601 NA
- X1602 NA

B120002.04



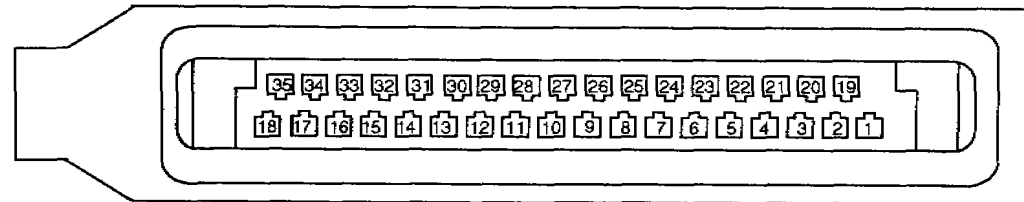
- X2001 SW

B080009.00



- X1618 SW
- X1619 SW

B350004.00

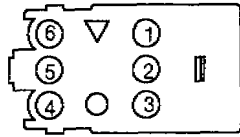


- X2000 NA



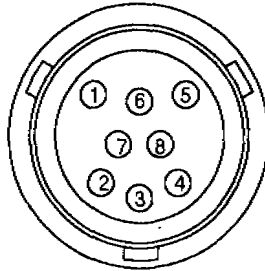
# CONNECTOR VIEWS

B060005.17



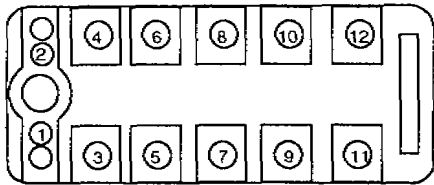
X2003 BL

B080005.00



X2005 SW

B120009.01



X2004 SW