

1988  
 BMW 735i (E32)  
 Electrical  
 Troubleshooting  
 Manual  
 Vehicles Produced 1/87 - 8/87

## CONTENTS

Index .....	0100-00
Introduction .....	0110-00
Systematic Troubleshooting	0130-00
Symbols .....	0140-00
Power Distribution Chart ...	0660-00
Fuse Chart .....	0661-00
Power Distribution .....	0670-00
Fuse Details .....	0671-00
Ground Distribution .....	0672-00
Component Location Chart .	7000-00
Component Location Views	7100-00
Splice Location Views .....	8000-00
Connector Views .....	8500-00

Antilock Brake System (ABS) .....	3450-00
Antitheft System (DWA) .....	6575-00
Auxiliary Fan .....	6454-00
Brake Lining Warning .....	3435-00
Central Body Electronics (ZKE) .....	6100-00
Central Locking System (ZKE) .....	5126-00
Charging System .....	1230-00
Check Control .....	6200-12
Cigar Lighter .....	6331-01
Cigar Lighter (AUS) .....	6331-02
Component Location Chart .....	7000-00
Component Location Views .....	7100-00
Connector Views .....	8500-00
Cruise Control (TEMPOMAT) .....	6571-00
Diagnostic Link .....	0680-00
Door Lock Heating (ZKE) .....	5120-00
E-Box Fan .....	0690-00
Electronic Transmission Control (AEGS) ..	2460-00
Flashlight Charging Plug .....	6331-01
Fuse Details	
— Fuse 1 .....	0671-00
— Fuse 12 .....	0671-01
— Fuse 15 .....	0670-02
— Fuse 16 .....	0671-04
— Fuse 17 .....	0671-06
— Fuse 18 .....	0671-07
— Fuse 20 .....	0671-08
— Fuse 21 .....	0671-10
— Fuse 22 .....	0671-09
— Fuse 29 .....	0671-12

— Fuse 30 .....	0671-10
— Fuse 31 .....	0671-14
— Fuse 44 .....	0671-15
Gauges	
— Fuel .....	6200-06
— Fuel Economy .....	6200-04
— Speedometer .....	6200-04
— Tachometer .....	6200-08
— Temperature .....	6200-08
Ground Distribution	
— X165 .....	0672-00
— X166 .....	0672-04
— X167 .....	0672-02
— X490 .....	0672-16
— X491 .....	0672-06
— X492 .....	0672-08
— X493 .....	0672-12
— X494 .....	0672-17
— X495 .....	0672-15
— X496 .....	0672-18
— X497 .....	0672-20
— X818 .....	0672-24
— X1541 .....	0672-24
— X1542 .....	0672-25
— X2008 .....	0672-26
Horn .....	6133-00
IHKA Air Delivery .....	6450-10
IHKA Auxiliary Water Pump .....	6450-23
IHKA Blower Control .....	6450-04
IHKA Compressor Control .....	6450-20



# INDEX

## Indicators

— "ABS" .....	3450-05
— "Air Bag" .....	3234-00
— "Brake Lining" Wear .....	3435-00
— "Check Engine" .....	6200-00
— "Charge" .....	1230-00
— Fog Light .....	6313-00
— High Beam .....	6313-00
— Left Turn .....	6312-00
— Low Fuel Warning .....	6200-06
— Oil Pressure Warning .....	6200-00
— "Park Brake" .....	6200-00
— Right Turn .....	6312-02
Injection Electronics (DME) .....	1360-00
Instrument Cluster .....	6200-00
Lamp Monitor (LKM) .....	6301-00
Lights	
— Ashtray .....	6331-02
— Back Up .....	6322-00
— Brake .....	6325-00
— Front Fog .....	6313-00
— Glove Box .....	6331-00
— Hazard .....	6312-00
— Headlights .....	6313-00
— Interior Lights .....	6300-00
— Interior Lights (ZKE) .....	6330-00
— License .....	6320-00
— Marker .....	6314-00
— Park .....	6314-00

— Tail .....	6314-00
— Turn .....	6312-00
— Turn .....	6320-02
— Under Hood .....	6314-03
Light Switch Details .....	6300-00
Memory Mirrors .....	5119-00
Memory Seats .....	5201-00
On-Board Computer .....	6581-00
Power Distribution .....	0670-00
Power Seat .....	5200-00
Power Assist Steering .....	3240-00
Power Windows (ZKE) .....	5133-00
Radio .....	6500-00
Rear Defogger (IHKA) .....	6420-00
Start	
— Automatic Transmission .....	1240-00
— Manual Transmission .....	1240-02
Sunroof (ZKE) .....	5410-00
Supplemental Restraint System (Air Bag) .....	3234-00
Windshield Washer (ZKE) .....	6166-00
Windshield Washer Jet Heaters .....	6169-00
Windshield Wipers (ZKE) .....	6161-00
Windshield Wipers Pressure Control (ZKE) .....	6168-00



## INTRODUCTION

---

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** **7** INTRODUCTION

---

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

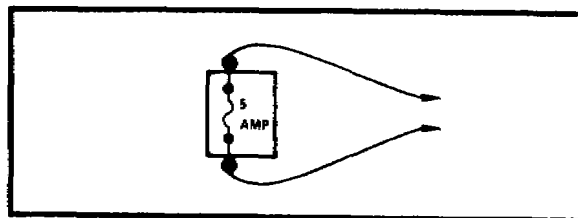
Operate the circuit to check for satisfactory circuit operation. Good repair practice calls for rechecking all circuits you have worked on.

## 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.



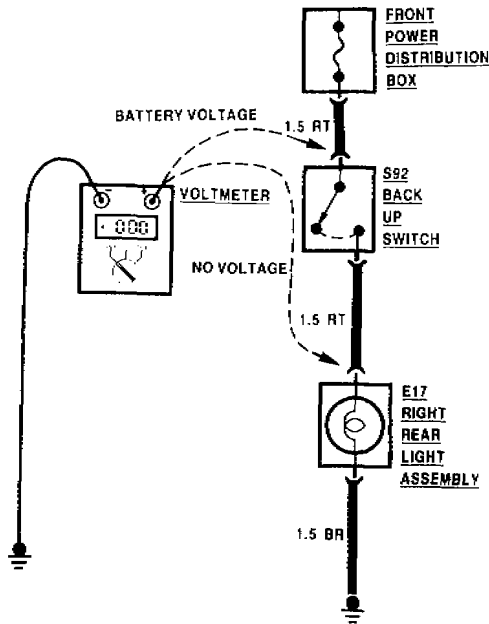
Fused Jumper Wire

**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.

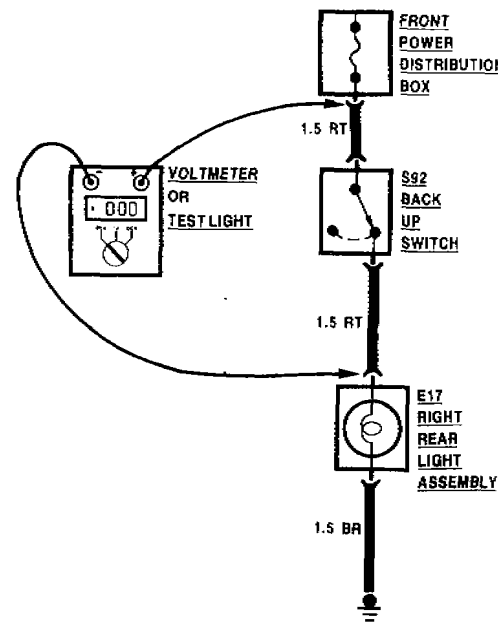


**Voltage Test**

**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.

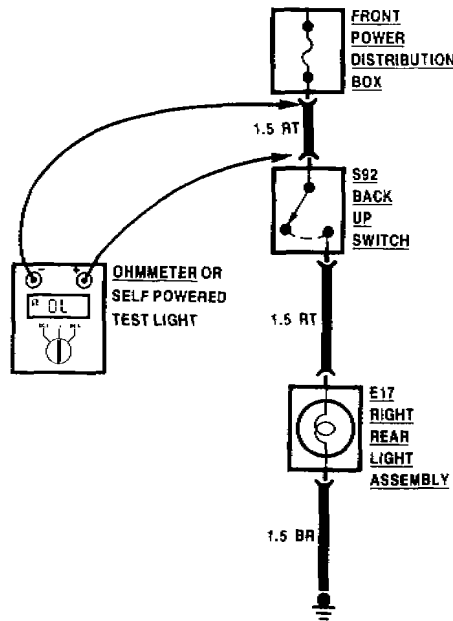
To test for voltage drop, connect the voltmeter leads to connectors at either end of the circuit's suspected problem area. The positive lead should be connected to the connector closest to the power source. The voltmeter will show the voltage drop between these two points. Any switches in the circuit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

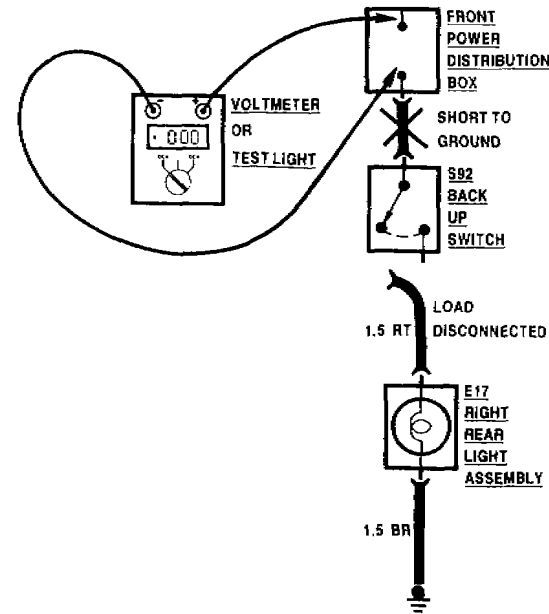


**Continuity Test**

**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.

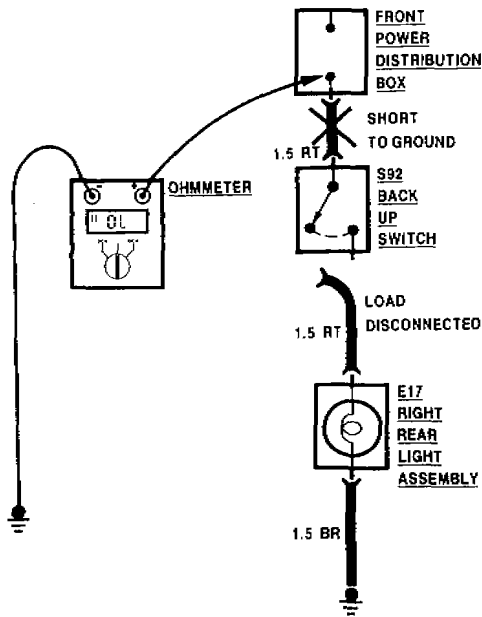


**Short Test Using Voltmeter**



**Short Test Using Ohmmeter**

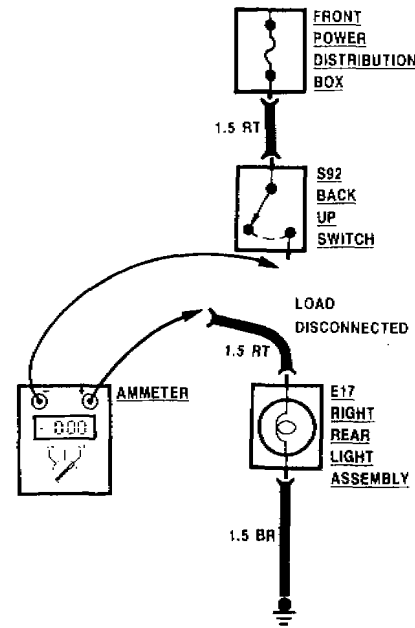
Disconnect the battery. While holding the leads together, adjust the ohmmeter to read zero. Remove the blown fuse and disconnect the load. Connect one lead of the ohmmeter to the fuse terminal that is closest to the load. Connect the other lead to a known good ground. Starting near the FRONT POWER DISTRIBUTION 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**

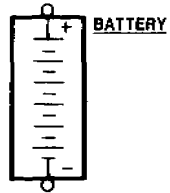
**Current Test Using Ammeter**

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**



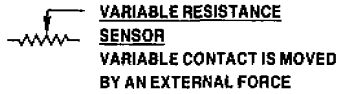
**BATTERY**



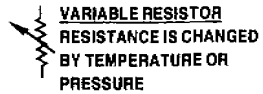
**FUSE**



**CIRCUIT  
BREAKER**



**VARIABLE RESISTANCE  
SENSOR**  
VARIABLE CONTACT IS MOVED  
BY AN EXTERNAL FORCE



**VARIABLE RESISTOR**  
RESISTANCE IS CHANGED  
BY TEMPERATURE OR  
PRESSURE



**DIODE**  
CURRENT CAN FLOW ONLY  
IN DIRECTION OF ARROW



**ZENER DIODE**  
TO REGULATE VOLTAGE



**LIGHT  
EMITTING  
DIODE**



**LIGHT**



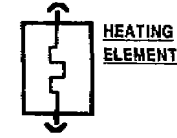
**BIFILAMENT  
LIGHT**



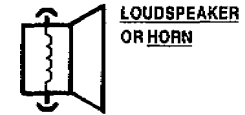
**PERMANENT  
MAGNET  
MOTOR**  
ONE SPEED



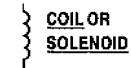
**PERMANENT  
MAGNET  
MOTOR**  
TWO SPEEDS



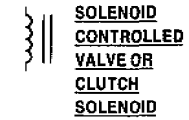
**HEATING  
ELEMENT**



**LOUDSPEAKER  
OR HORN**



**COIL OR  
SOLENOID**



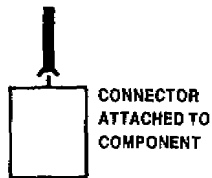
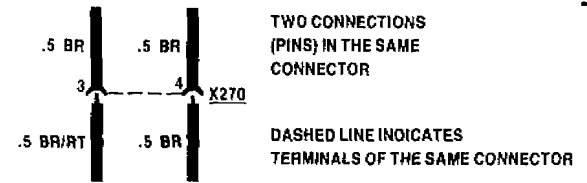
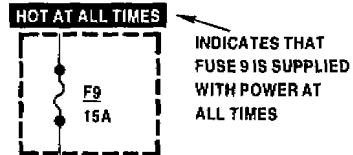
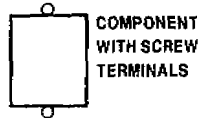
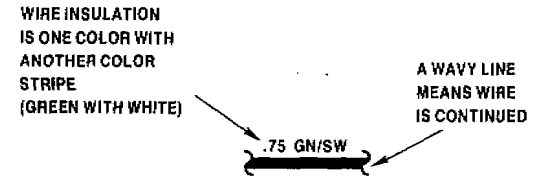
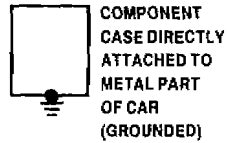
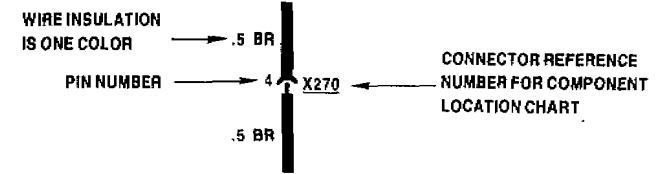
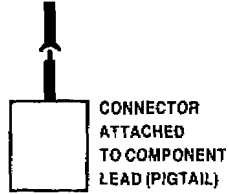
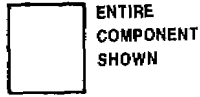
**SOLENOID  
CONTROLLED  
VALVE OR  
CLUTCH  
SOLENOID**



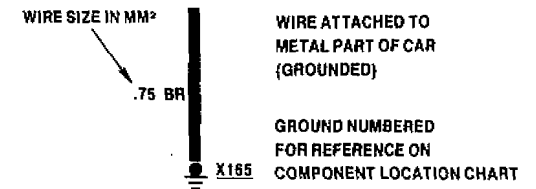
**TRANSISTORIZED  
SWITCH**



# SYMBOLS

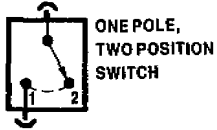


TERMINAL NUMBER	DESCRIPTION
50	VOLTAGE: IGNITION SWITCH IN START
30	VOLTAGE: SUPPLIED AT ALL TIMES
15	VOLTAGE: IGNITION SWITCH IN RUN OR START
15E	VOLTAGE: IGNITION SWITCH IN RUN
R	VOLTAGE: IGNITION SWITCH IN ACCESSORY, RUN, OR START

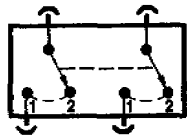




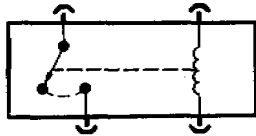
# SYMBOLS



ONE POLE,  
TWO POSITION  
SWITCH

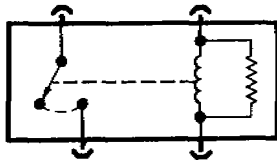


SWITCHES THAT  
MOVE TOGETHER  
DASHED LINE SHOWS  
A MECHANICAL  
CONNECTION  
BETWEEN SWITCHES

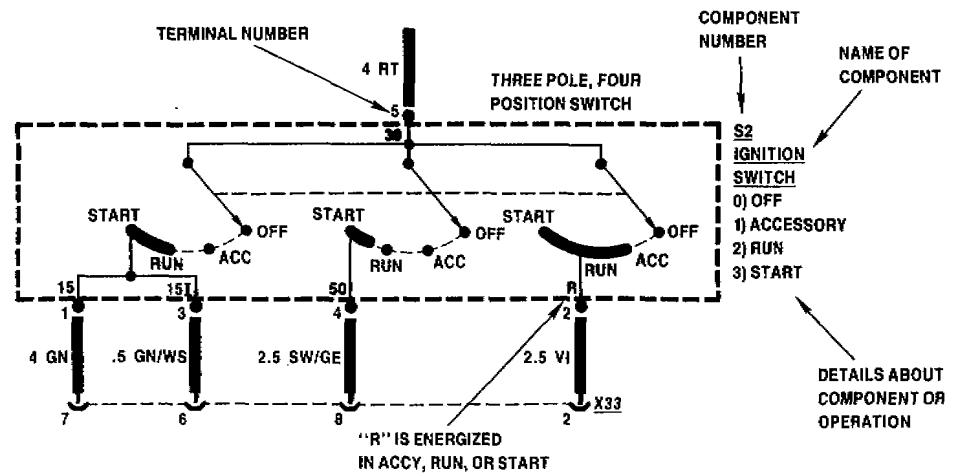


RELAY WITH NO CURRENT  
FLOWING THROUGH COIL

WHEN COIL IS  
ENERGIZED, SWITCH  
IS PULLED CLOSED



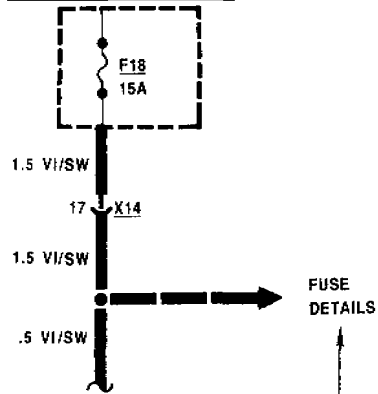
RELAY WITH  
RESISTOR ACROSS  
COIL



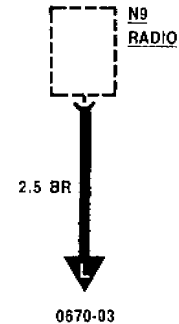
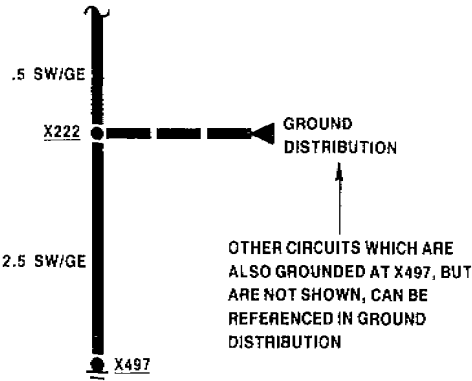
**TERMINAL  
NUMBER**

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

**HOT IN ACC, RUN OR START**



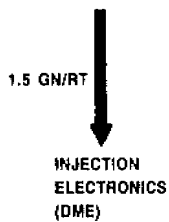
OTHER CIRCUITS WHICH SHARE FUSE 18, BUT ARE NOT SHOWN, CAN BE REFERENCED IN FUSE DETAILS



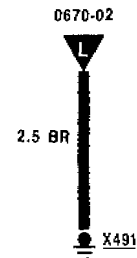
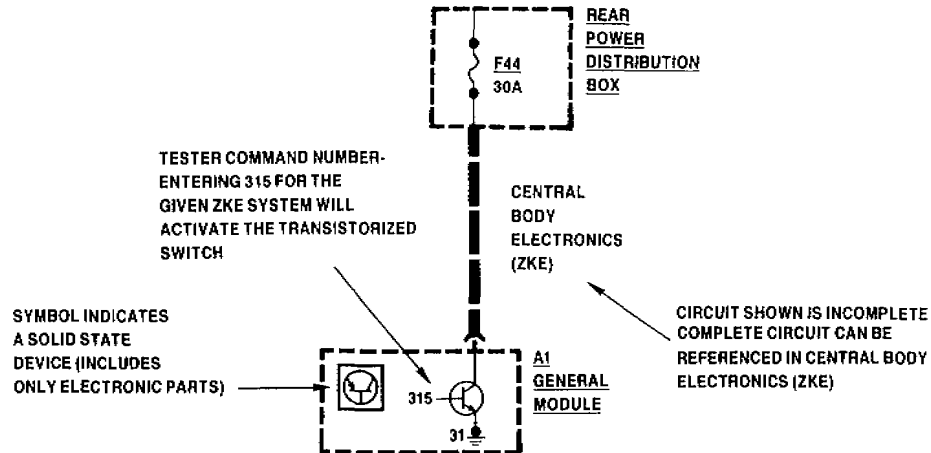
CURRENT PATH IS CONTINUED AS LABELED

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

CIRCUIT REFERENCE — A WIRE WHICH CONNECTS TO ANOTHER CIRCUIT



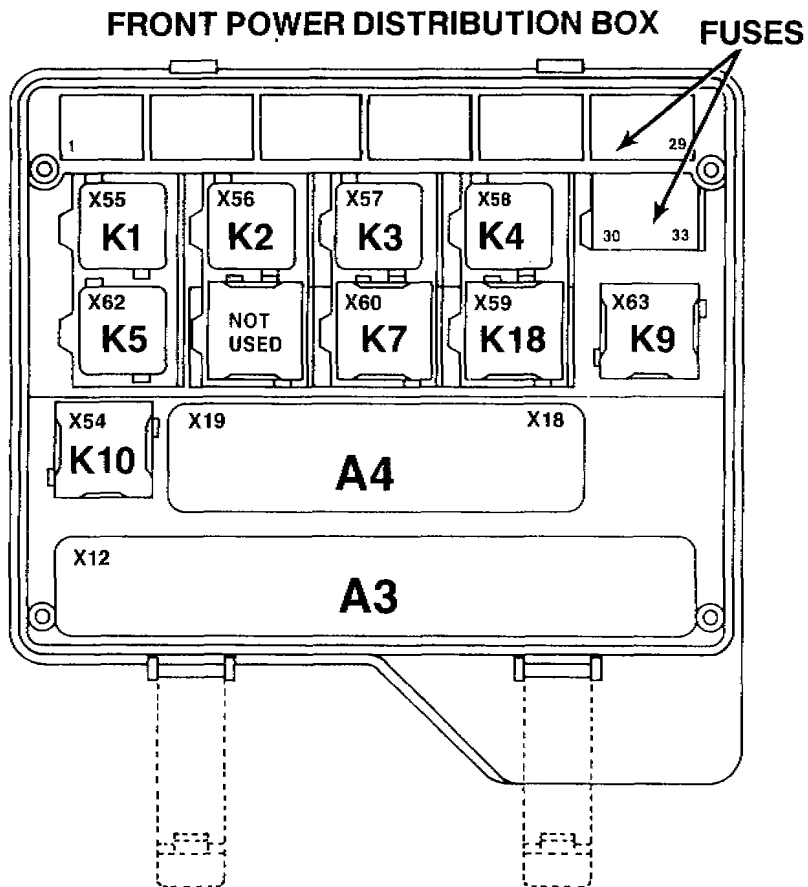
**HOT IN ACC, RUN OR START**





# POWER DISTRIBUTION CHARTS

## FRONT POWER DISTRIBUTION BOX

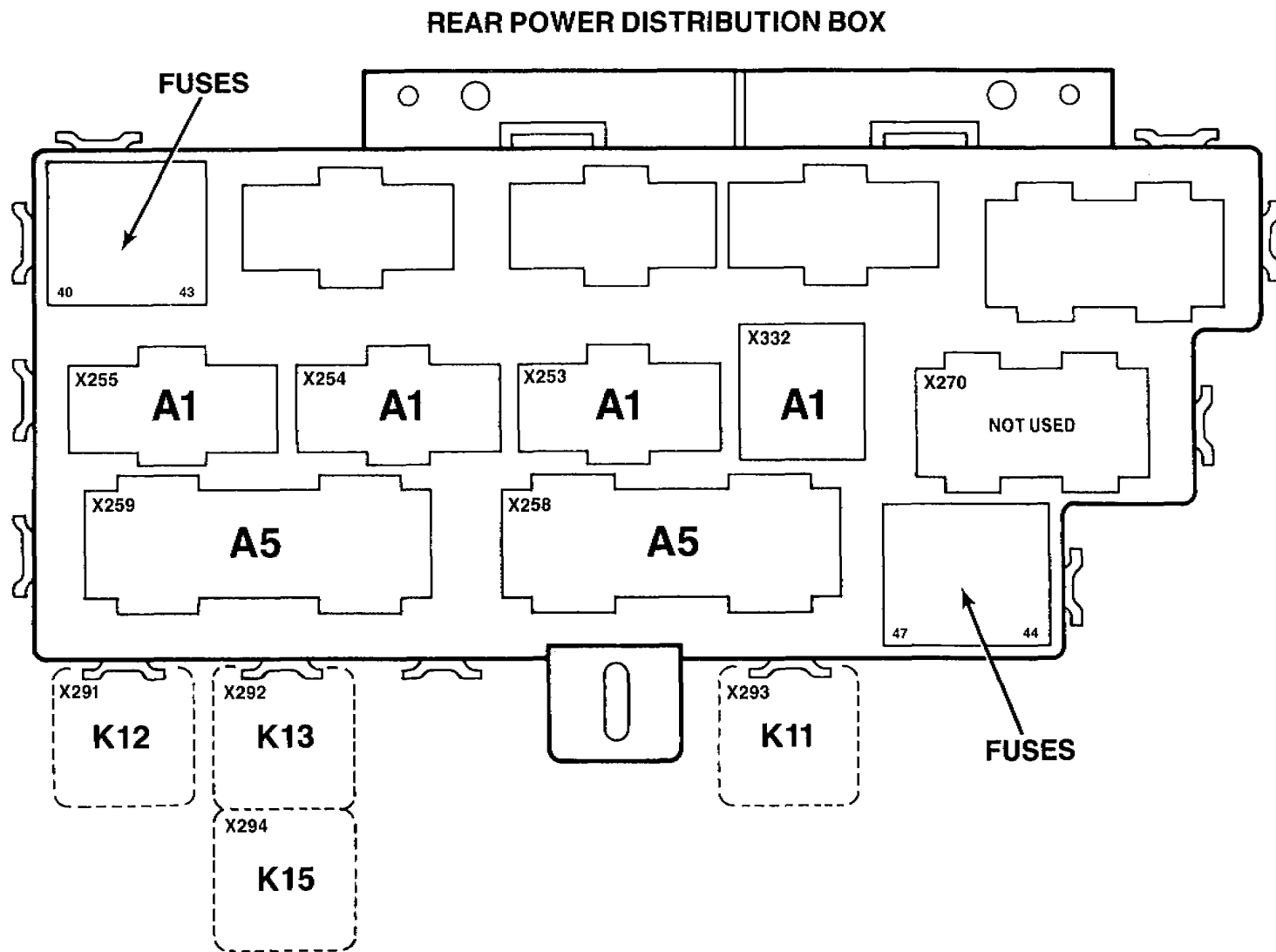


COMPONENTS IN FRONT POWER DISTRIBUTION BOX		
NUMBER	CONNECTOR	DESCRIPTION
A3	X12	LAMP CONTROL MODULE
A4	X18, X19	CHECK CONTROL MODULE
K1	X55	STARTER RELAY
K2	X56	HORN RELAY
K3	X57	UNLOADER RELAY, KLR
K5	X62	INTENSIVE WASH PUMP RELAY
K7	X60	PARKING LIGHT MONITOR RELAY
K9	X63	UNLOADER RELAY, KL15
K10	X54	ABS RELAY
K18	X64	FRONT DEFOGGER/WATER PUMP RELAY
K4	X58	BLOWER RELAY



# POWER DISTRIBUTION CHARTS

## REAR POWER DISTRIBUTION BOX



02/87 — 0660-01 — 1988



## POWER DISTRIBUTION CHARTS

### REAR POWER DISTRIBUTION BOX

COMPONENTS IN REAR POWER DISTRIBUTION BOX		
NUMBER	CONNECTOR	DESCRIPTION
A1	X253, X254, X255 AND X332	GENERAL MODULE
A5	X258, X259	RELAY MODULE
K11	X293	WIPER RELAY
K12	X291	WIPER PRESSURE CONTROL RELAY (ADV)
K13	X292	REAR DEFOGGER RELAY
K15	X294	ELECTRIC POWER PROTECTION RELAY





## FUSE CHARTS

Fuse No.	Size/ Color	Circuit Protected
1	7.5A(BR)	Brake Lining Warning (Also Fuses 17 and 20) Instrument Cluster/Check Control (Also Fuses 12, 17, 20 and 21) On-Board Computer (Also Fuses 17 and 20) Windshield Washer (ZKE) Windshield Wiper (ZKE)
2	7.5A(BR)	Headlights/Fog Lights (Also Fuses 3, 5, 7, 10, 11, 13 and 14) Lamp Monitor (Also Fuses 3, 4, 5, 7 and 15)
3	7.5A(BR)	Headlights/Fog Lights (Also Fuses 2, 5, 7, 10, 11, 13 and 14) Lamp Monitor (Also Fuses 2, 4, 5, 7 and 15) Turn/Hazard Lights (Also Fuse 6)
4	7.5A(BR)	Lamp Monitor (Also Fuses 2, 3, 5, 7 and 15) Park/Tail/Marker/Underhood Lights (Also Fuses 5, 15 and 20)
5	10A(RT)	Glove Box Light/Cigar Lighter/Ashtray Light/Charging Plug (Also Fuses 21 and 26) Headlights/Fog Lights (Also Fuses 2, 3, 7, 10, 11, 13 and 14) Lamp Monitor (Also Fuses 2, 3, 4, 7 and 15) License/Trunk Lights (Also Fuse 21) Park/Tail/Marker/Underhood Lights (Also Fuses 4, 15 and 20)
6	7.5A(BR)	Turn/Hazard Lights (Also Fuse 3)
7	15A(LT BL)	Headlights/Fog Lights (Also Fuses 2, 3, 5, 10, 11, 13 and 14) Lamp Monitor (Also Fuses 2, 3, 4, 5 and 15)
8	7.5A(BR)	(Not Used)
9	15A(LT BL)	Automatic Climate Control (IHKA) (Also Fuses 19, 20, 21, 29 and 33) Horn
10	7.5A(BR)	Headlights/Fog Lights (Also Fuses 2, 3, 5, 7, 11, 13 and 14)
11	7.5A(BR)	Headlights/Fog Lights (Also Fuses 2, 3, 5, 7, 10, 13 and 14)

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

Fuse No.	Size/ Color	Circuit Protected
12	15A(LT BL)	Back Up Lights Instrument Cluster/Check Control (Also Fuses 1, 17, 20, and 21) Memory Mirrors (Also Fuses 16, 17, 18, 30, 42, and 44) Windshield Washer Jet Heaters
13	7.5A(BR)	Headlights/Fog Lights (Also Fuses 2, 3, 5, 7, 10, 11 and 14)
14	7.5A(BR)	Headlights/Fog Lights (Also Fuses 2, 3, 5, 7, 10, 11 and 13)
15	7.5A(BR)	Antilock Brake System (ABS) (Also Fuses 17 and 29) Brake Lights Cruise Control (Tempomat) (Also Fuse 17) Lamp Monitor (Also Fuses 2, 3, 4, 5, 7 and 8) Park/Tail/Marker/Underhood Lights (Also Fuses 4, 5 and 20)
16	30A(LT GN)	Memory Mirrors (Also Fuses 12, 17, 18, 30, 42 and 44) Memory Seat (Also Fuses 17, 18, 30, 42 and 44)



## FUSE CHARTS

Fuse No.	Size/ Color	Circuit Protected
17	7.5A(BR)	Antilock Brake System (ABS) (Also Fuses 15 and 29) Antitheft System (DWA) (Also Fuses 18, 20 and 31) Brake Lining Warning (Also Fuses 1 and 20) Central Body Electronics (ZKE) (Also Fuses 30, 44 and 47) Cruise Control (Tempomat) (Also Fuse 15) Door Lock Heating (ZKE) (Also Fuse 30) Electronic Transmission Control (AEGS) Injection Electronics (DME) (Also Fuse 23) Instrument Cluster/Check Control (Also Fuses 1, 12, 20 and 21) Interior Lights (ZKE) (Also Fuses 21, 30 and 44) On-Board Computer (Also Fuses 1 and 20) Memory Mirrors (Also Fuses 12, 16, 18, 30 42 and 44) Memory Seat (Also Fuses 16, 18, 30, 42 and 44) Power Windows (ZKE) (Also Fuses 20, 30, 31 and 44) Start Sunroof (ZKE) (Also Fuses 20, 30, 31 and 44)
18	15A(LT BL)	Antitheft System (DWA) (Also Fuses 17, 20 and 31) Memory Mirrors (Also Fuses 12, 16, 17, 30, 42 and 44) Memory Seat (Also Fuses 16, 17, 30, 42 and 44) Radio (Also Fuses 21 and 41)
19	30A (LT GN)	Automatic Climate Control (IHKA) (Also Fuses 9, 20, 21, 29 and 33)

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

Fuse No.	Size/ Color	Circuit Protected
20	7.5A(BR)	Antitheft System (DWA) (Also Fuses 17, 18 and 31) Automatic Climate Control (IHKA) (Also Fuses 9, 19, 21, 29 and 33) Brake Lining Warning (Also Fuses 1 and 17) Central Locking System (ZKE) (Also Fuses 30 and 31) Instrument Cluster/Check Control (Also Fuses 1, 12, 17 and 21) On-Board Computer (Also Fuses 1 and 17) Park/Tail/Marker/Underhood Lights (Also Fuses 4, 5 and 15) Power Windows (ZKE) (Also Fuses 17, 30, 31 and 44) Sunroof (ZKE) (Also Fuses 17, 30, 31 and 44)
21	7.5A(LT BL)	Automatic Climate Control (IHKA) (Also Fuses 9, 19, 20, 29 and 33) Glove Box Light/Cigar Lighter/Ashtray Light/Charging Plug (Also Fuses 5 and 26) Instrument Cluster/Checker Control (Also Fuses 1, 12, 17 and 20) Interior Lights (ZKE) (Also Fuses 17, 30 and 44) License/Trunk Lights (Also Fuse 5) Radio (Also Fuses 18 and 41)
22	30A(LT GN)	Windshield Wiper Pressure Control (ZKE) (Also Fuse 44)
23	7.5A(BR)	Injection Electronics (DME) (Also Fuse 17)
24	7.5A(BR)	(Not Used)
25	30A(LT GN)	Auxiliary Fan (Also Fuse 29)
26	30A(LT GN)	Glove Box Light/Cigar Lighter/Ashtray Light/Charging Plug (Also Fuses 5 and 21)
27	30A(LT GN)	(Not Used)
28	15A(LT BL)	Power Assist Steering (Servotronic)
29	7.5A(BR)	Antilock Brake System (ABS) (Also Fuses 15 and 17) Automatic Climate Control (IHKA) (Also Fuses 9, 19, 20, 21 and 33) Auxiliary Fan (Also Fuse 25) Rear Window Defogger (Also Fuses 33 and 46)



## FUSE CHARTS

Fuse No.	Size/ Color	Circuit Protected
30	7.5A(BR)	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 17, 21 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(BR)	Antitheft System (DWA) (Also Fuses 17, 18 and 20) Central Locking System (ZKE) (Also Fuses 20 and 30) Power Windows (ZKE) (Also Fuses 17, 20, 30 and 44)
32	15A(LT BL)	(Not Used)
33	7.5A(BR)	Automatic Climate Control (IHKA) (Also Fuses 9, 19, 20, 21 and 29) Rear Window Defogger (Also Fuses 29 and 46)
40	30A(LT GN)	(Not Used)
41	30A(LT GN)	Radio (Also Fuses 18 and 21)
42	30A(LT GN)	Memory Mirrors (Also Fuses 12, 16, 17, 18, 30 and 44) Memory Seat (Also Fuses 16, 17, 18, 30 and 44)
43	30A(LT GRN)	Power Seats
44	30A(LT GN)	Central Body Electronics (ZKE) (Also Fuses 17, 30 and 47) Interior Lights (ZKE) (Also Fuses 17, 21 and 30) 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 Wiper Pressure Control (ZKE) (Also Fuse 22)

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

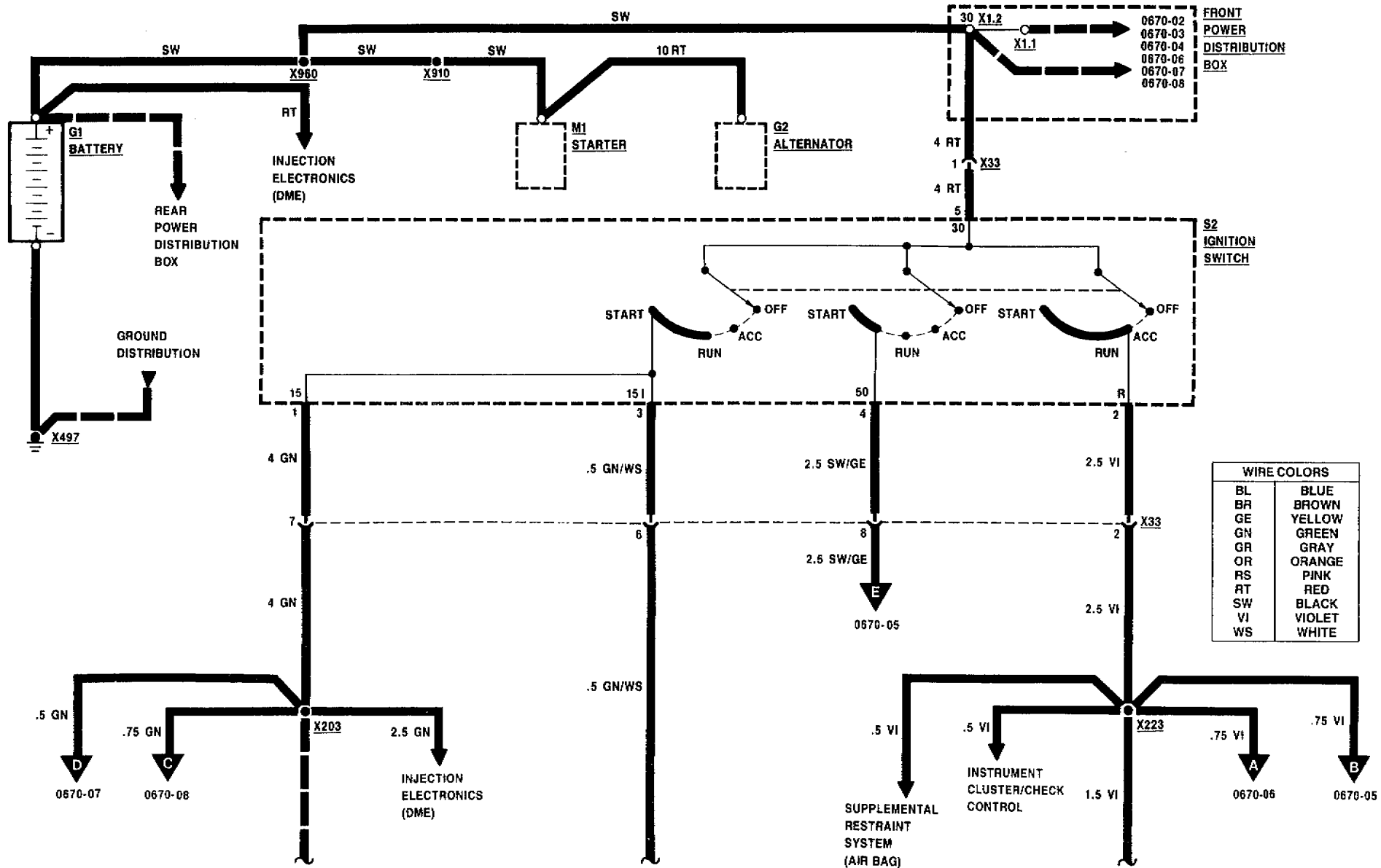
Fuse No.	Size/ Color	Circuit Protected
45	30A(LT GN)	(Not Used)
46	30A(LT GN)	Rear Window Defogger (Also Fuses 29 and 33)
47	30A(LT GN)	Central Body Electronics (ZKE) (Also Fuses 17, 30 and 44)
51	15A(LT BL)	(Not Used)
52	7.5A(BR)	(Not Used)
53	10A(RT)	(Not Used)

08/87

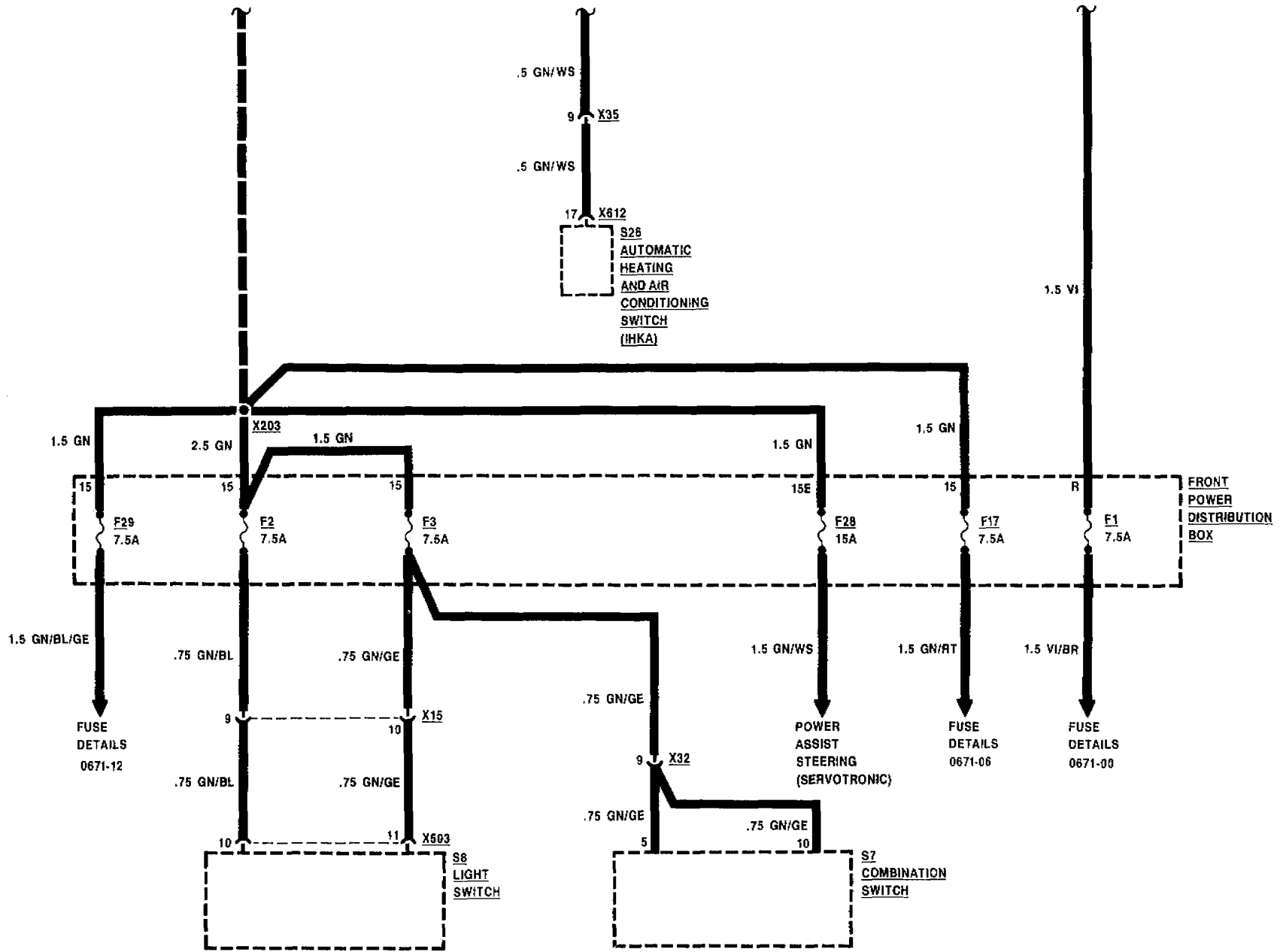
0661-05

1988

**BMW 7 POWER DISTRIBUTION**  
**FRONT POWER DISTRIBUTION BOX**

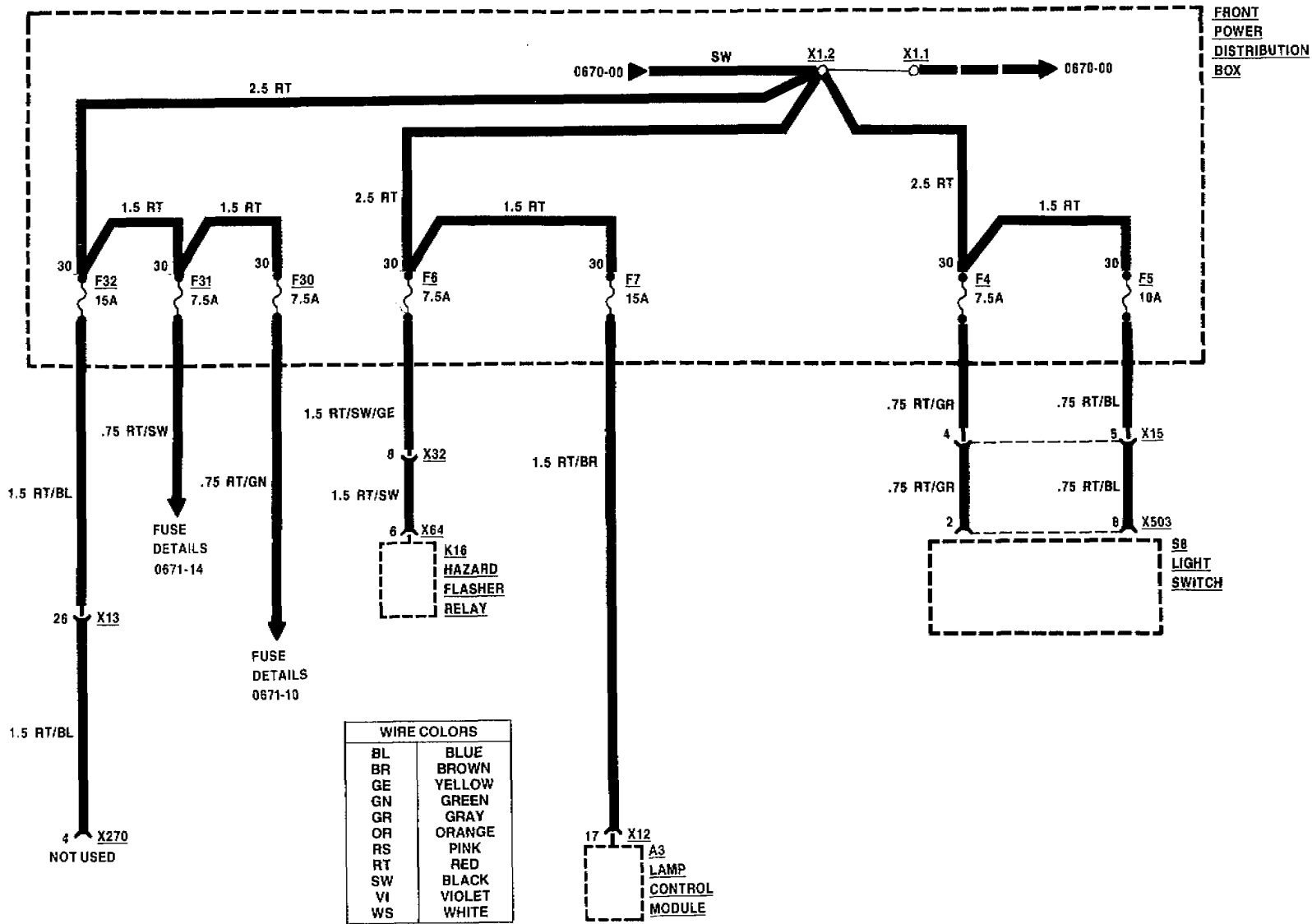


08/87  
 0670-00  
 1988

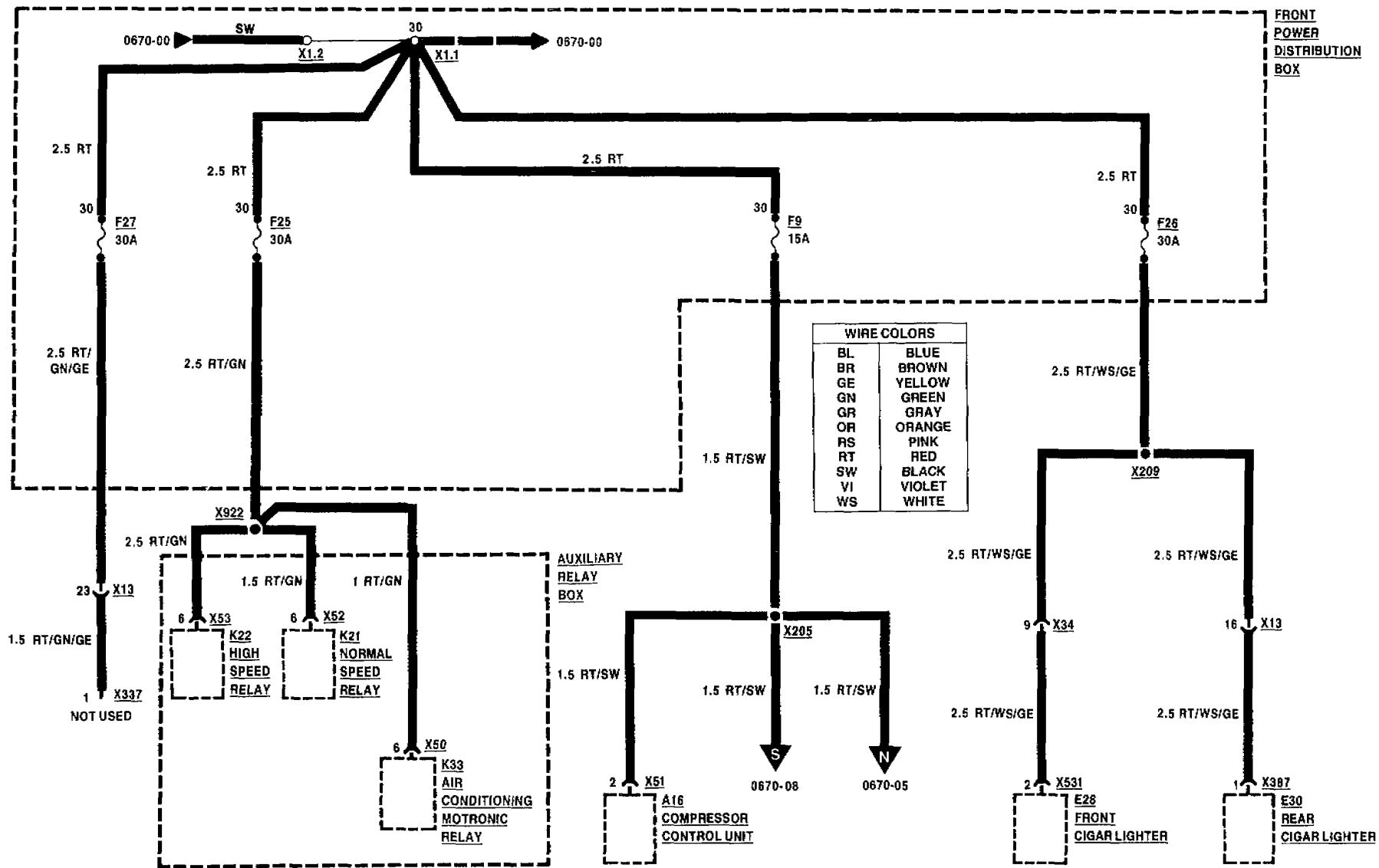




**BMW 7 POWER DISTRIBUTION**  
**FRONT POWER DISTRIBUTION BOX**



**BMW 7 POWER DISTRIBUTION**  
**FRONT POWER DISTRIBUTION BOX**

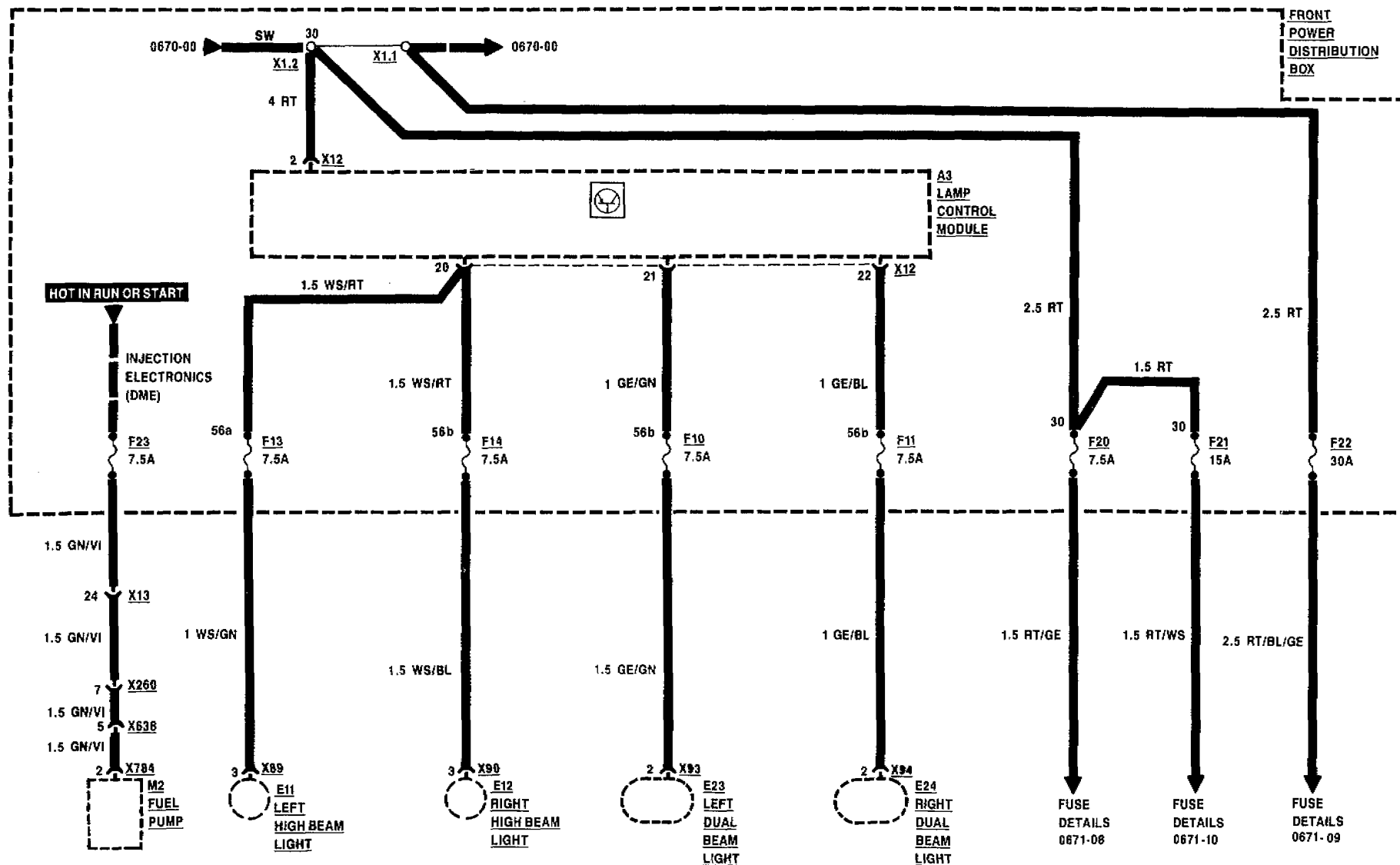


08/87

0670-03

1988

**BMW 7 POWER DISTRIBUTION**  
**FRONT POWER DISTRIBUTION BOX**

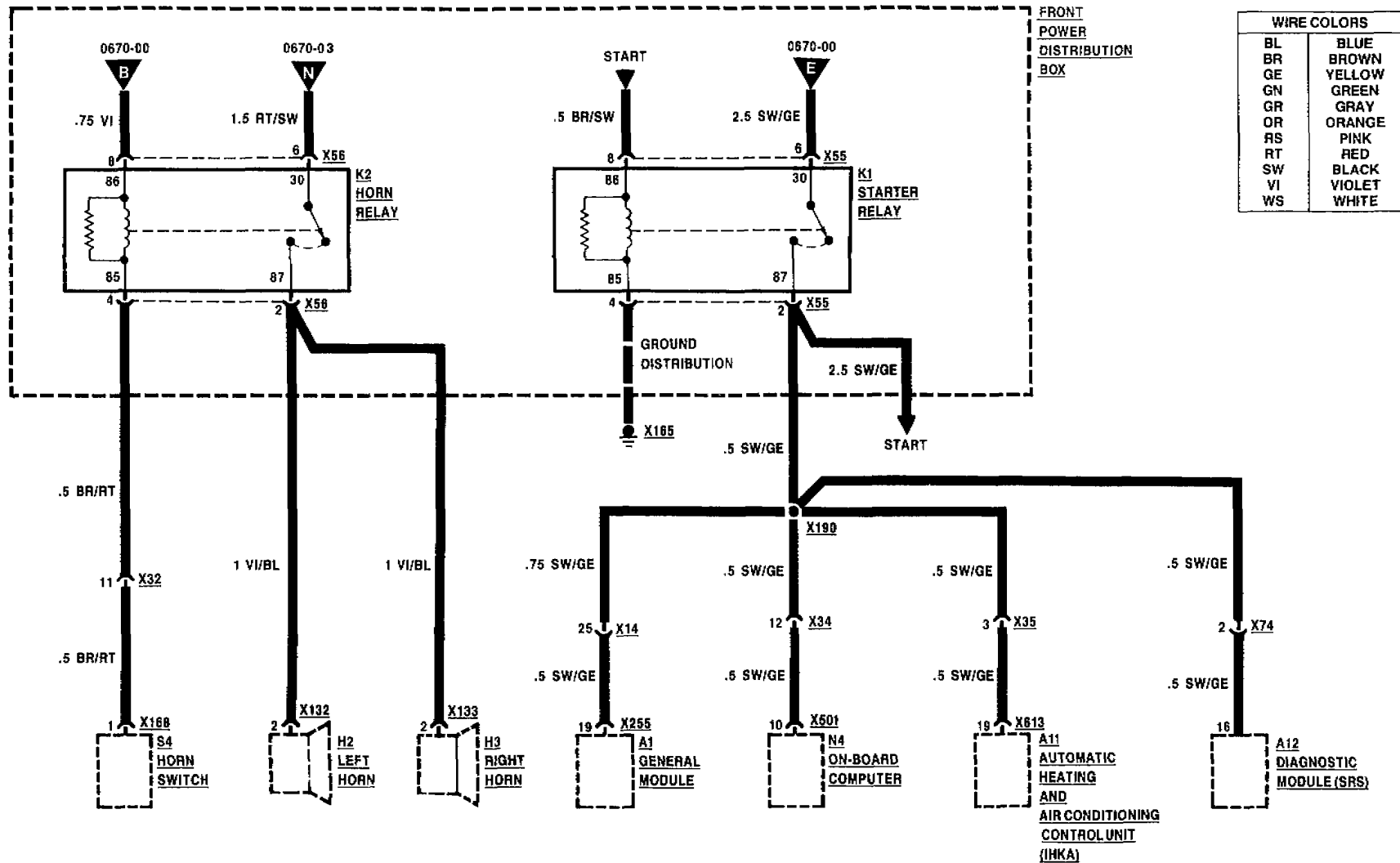


08/87

0670-04

1988

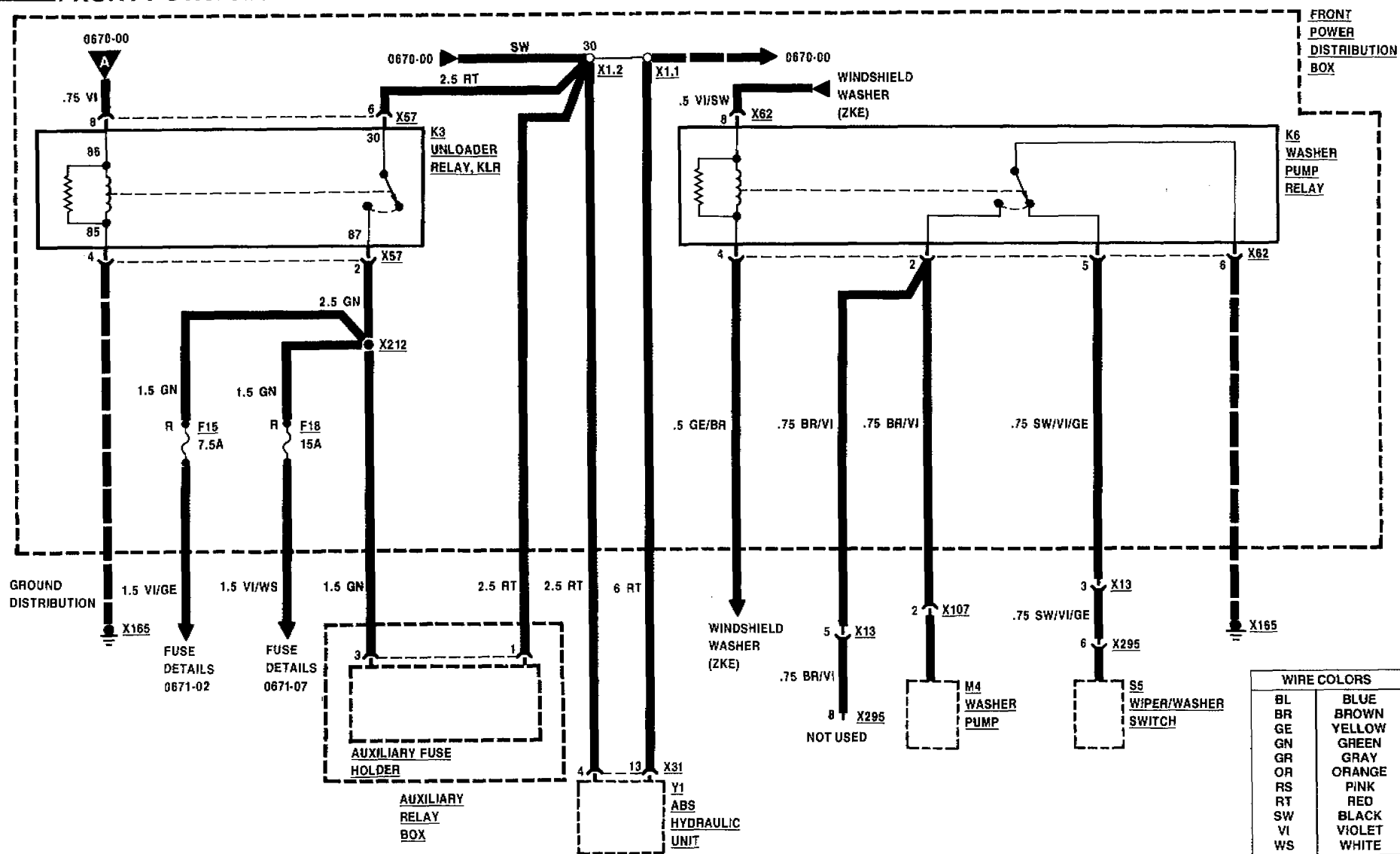
**BMW 7 POWER DISTRIBUTION**  
**FRONT POWER DISTRIBUTION BOX**





# POWER DISTRIBUTION

## FRONT POWER DISTRIBUTION BOX



08/87

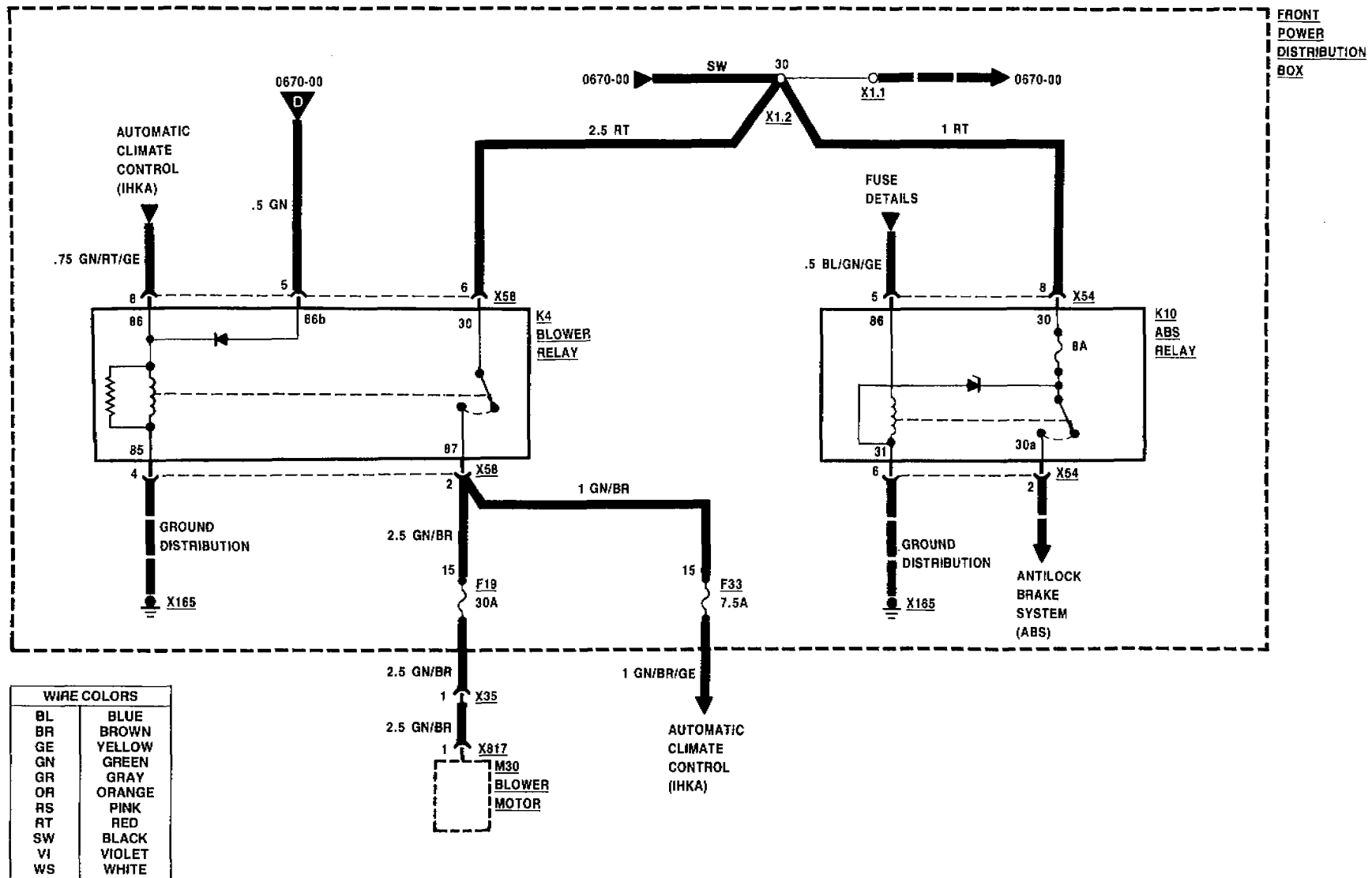
0670-06

1988

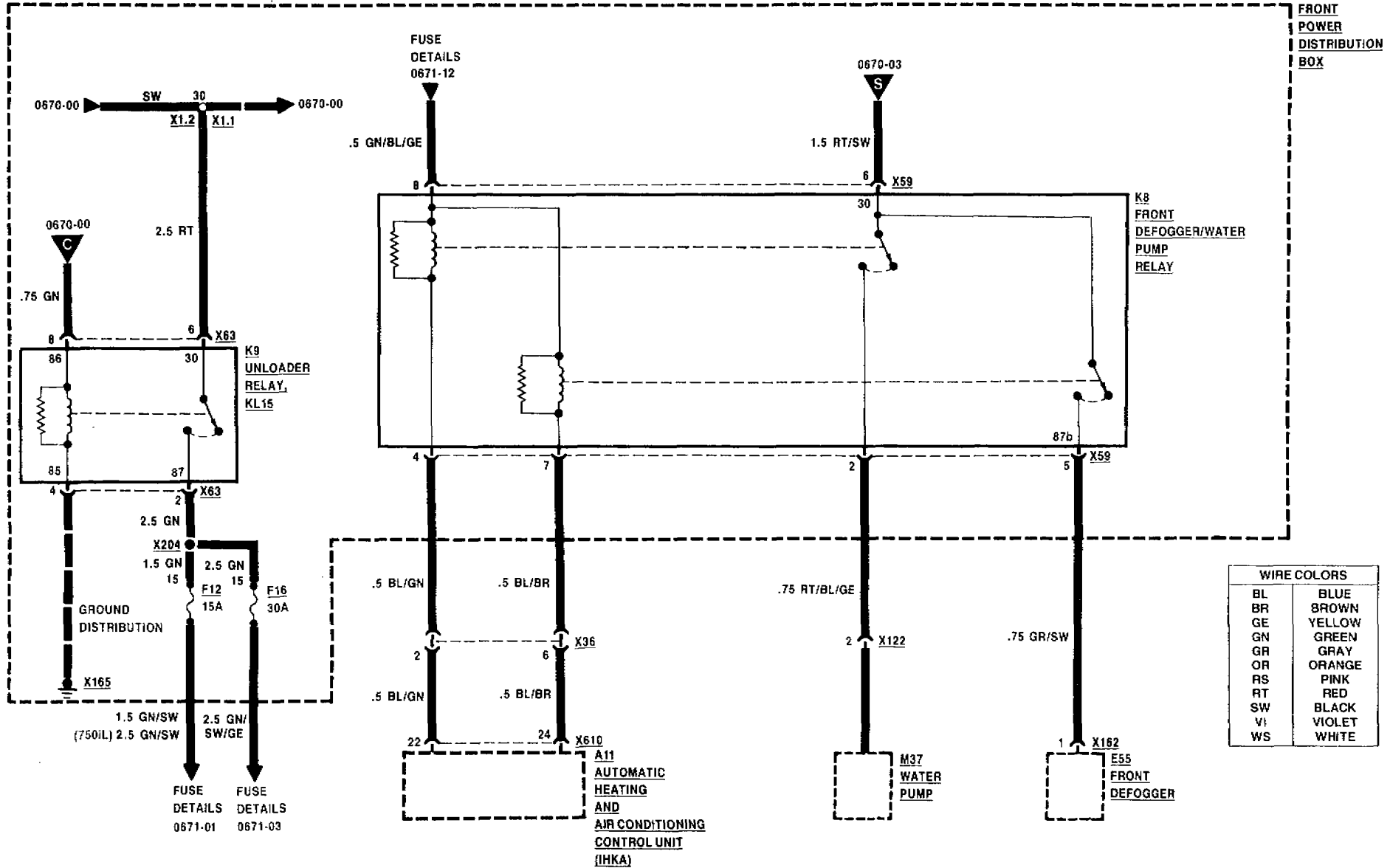


# POWER DISTRIBUTION

## FRONT POWER DISTRIBUTION BOX



# POWER DISTRIBUTION FRONT POWER DISTRIBUTION BOX

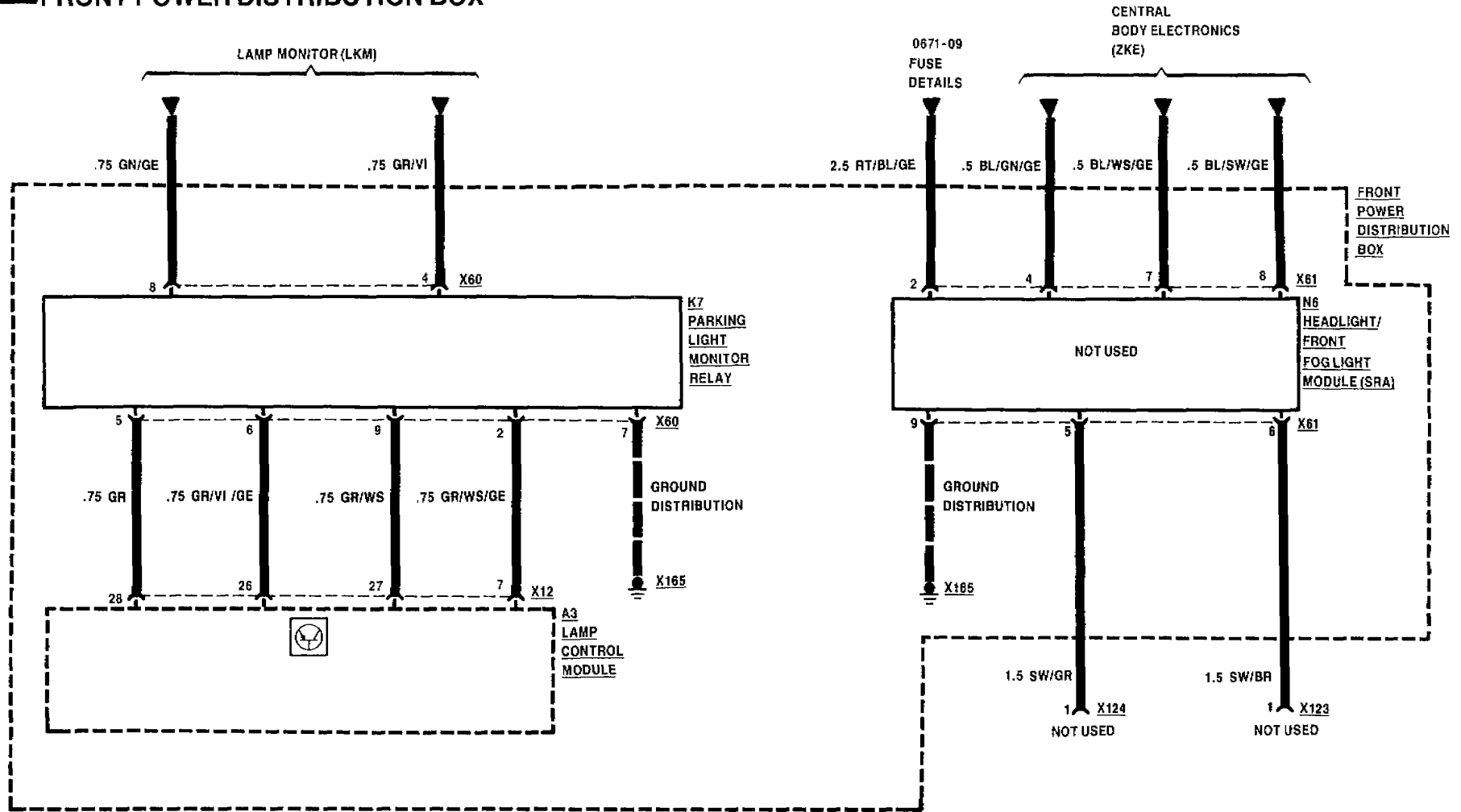


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



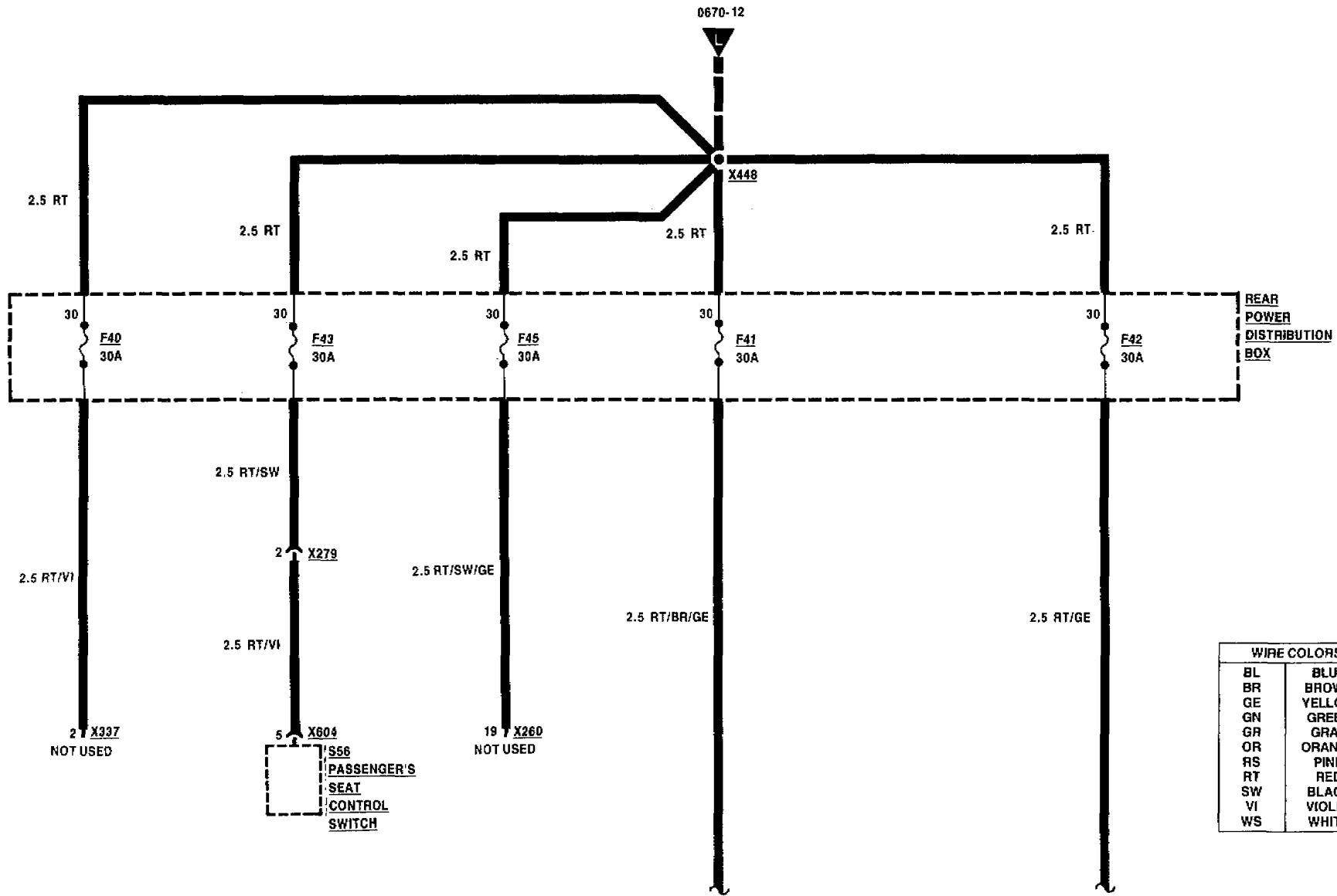
# POWER DISTRIBUTION

## FRONT POWER DISTRIBUTION BOX

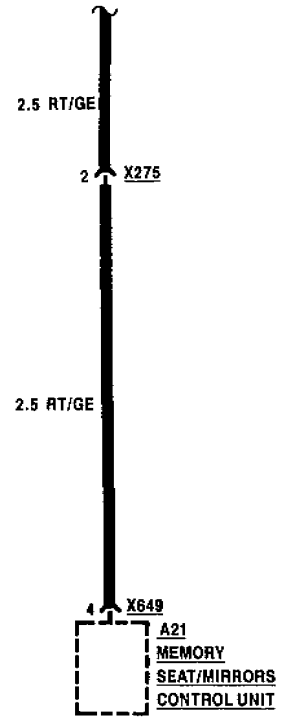
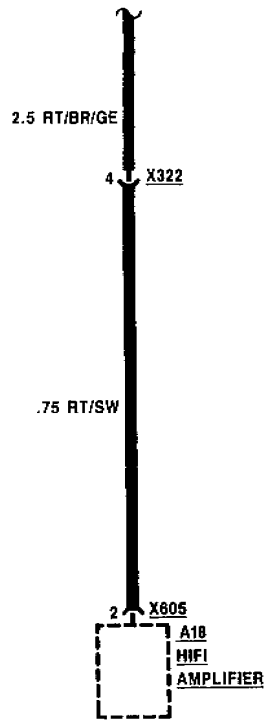




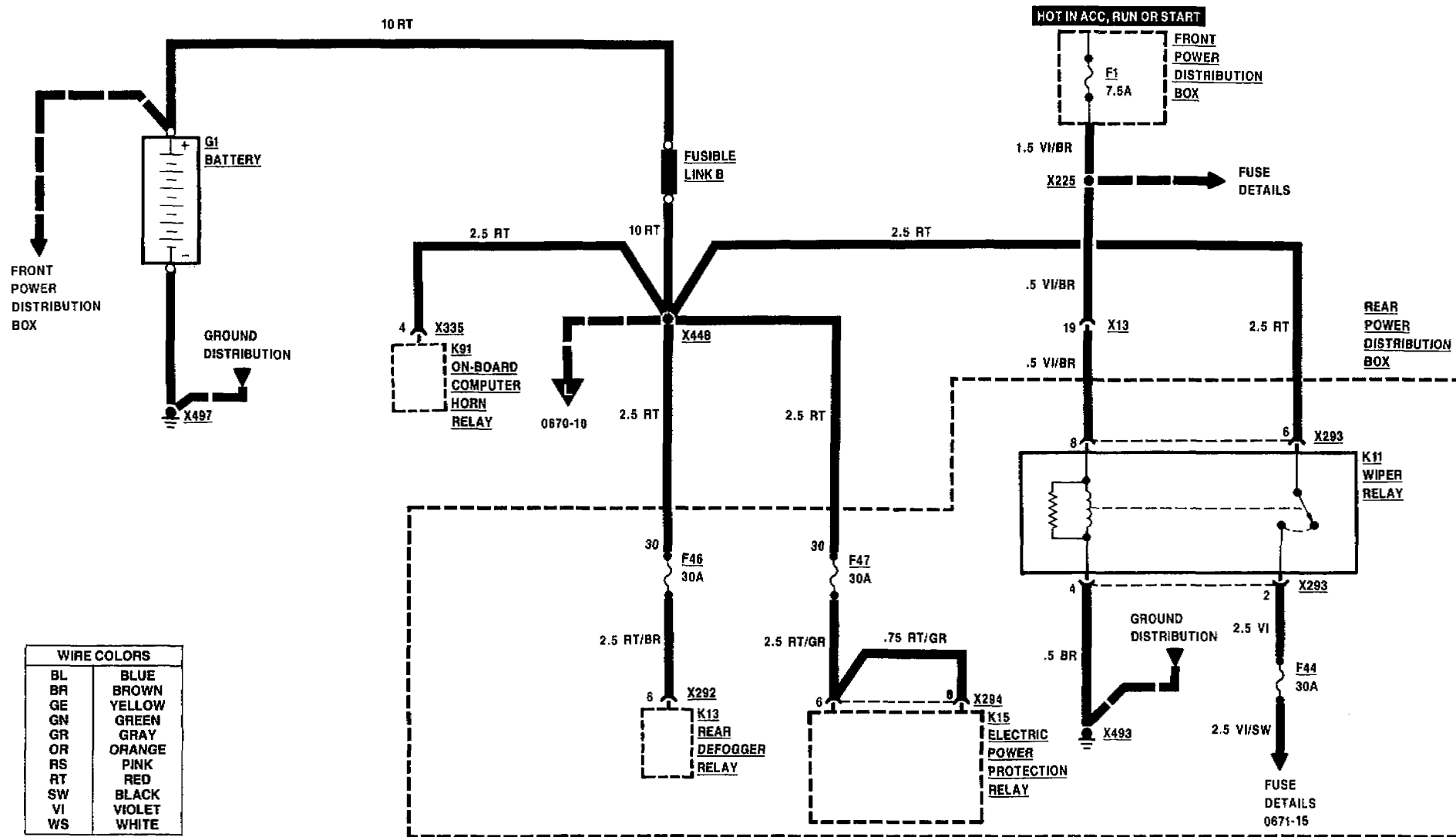
**BMW** **7** **POWER DISTRIBUTION**  
**REAR POWER DISTRIBUTION BOX**



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



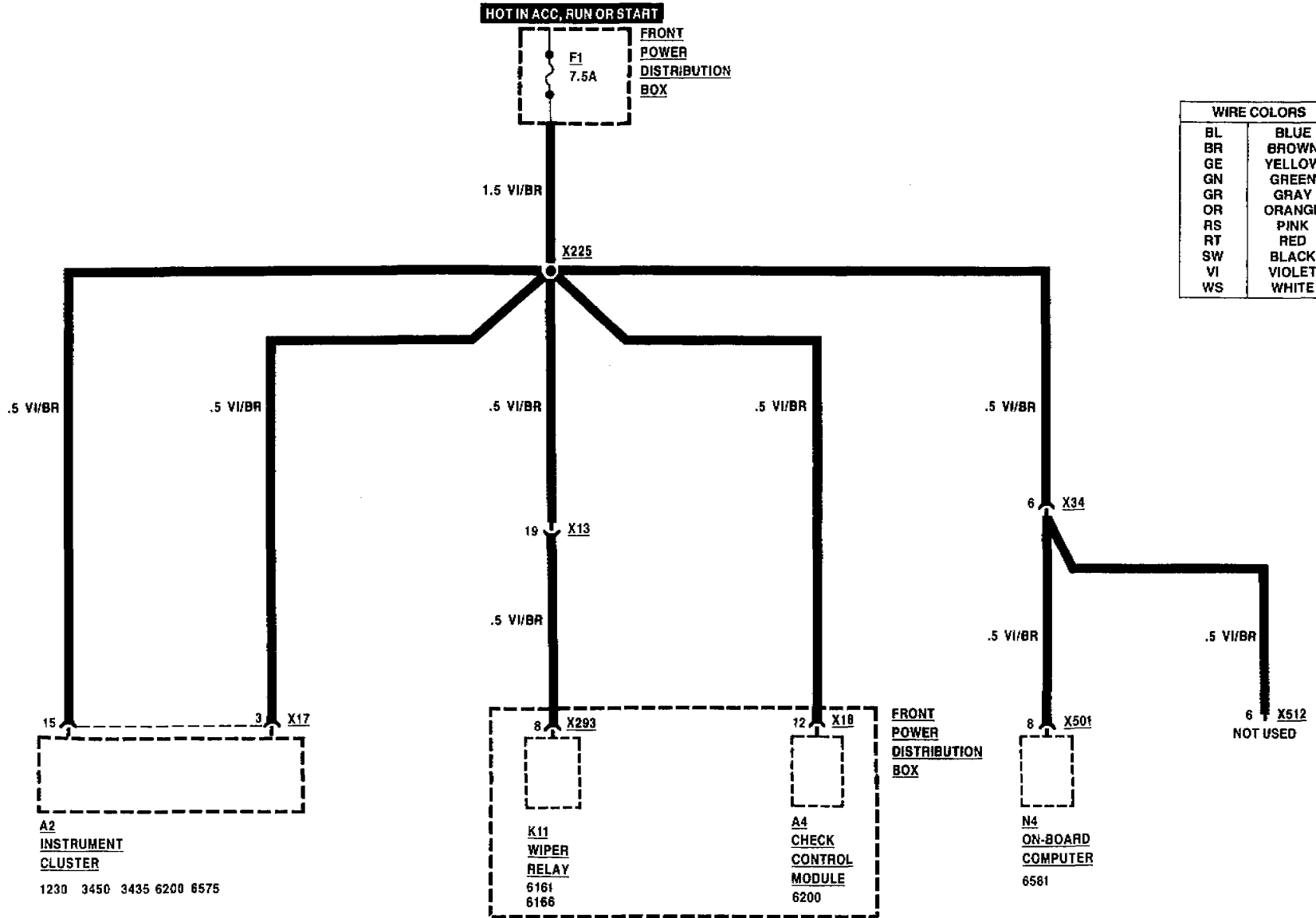
**BMW 7** **POWER DISTRIBUTION**  
**REAR POWER DISTRIBUTION BOX**





# FUSE DETAILS

## FUSE 1

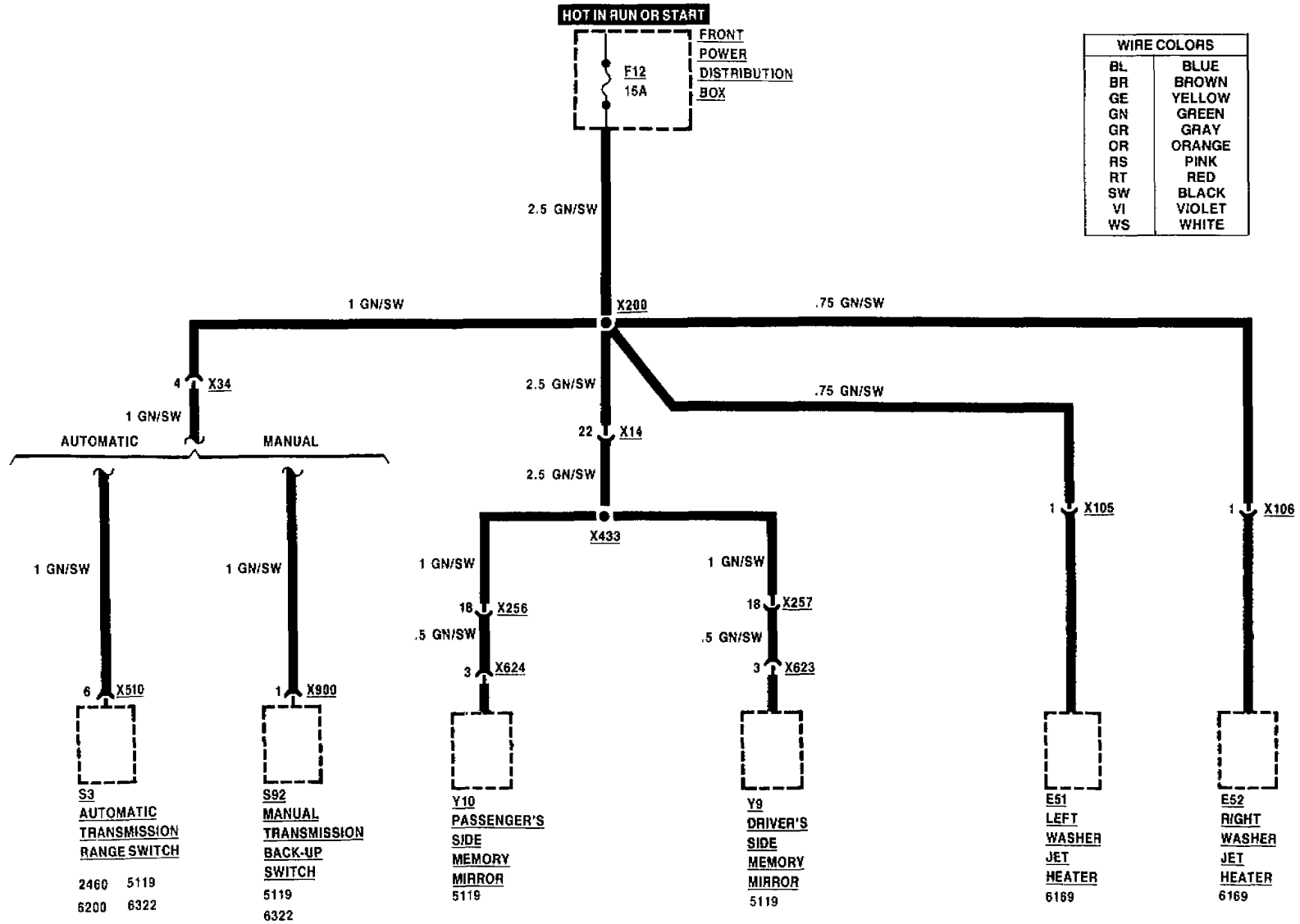


**BMW**  
**7** FUSE DETAILS  
FUSE 12

HOT IN RUN OR START

FRONT  
POWER  
DISTRIBUTION  
BOX

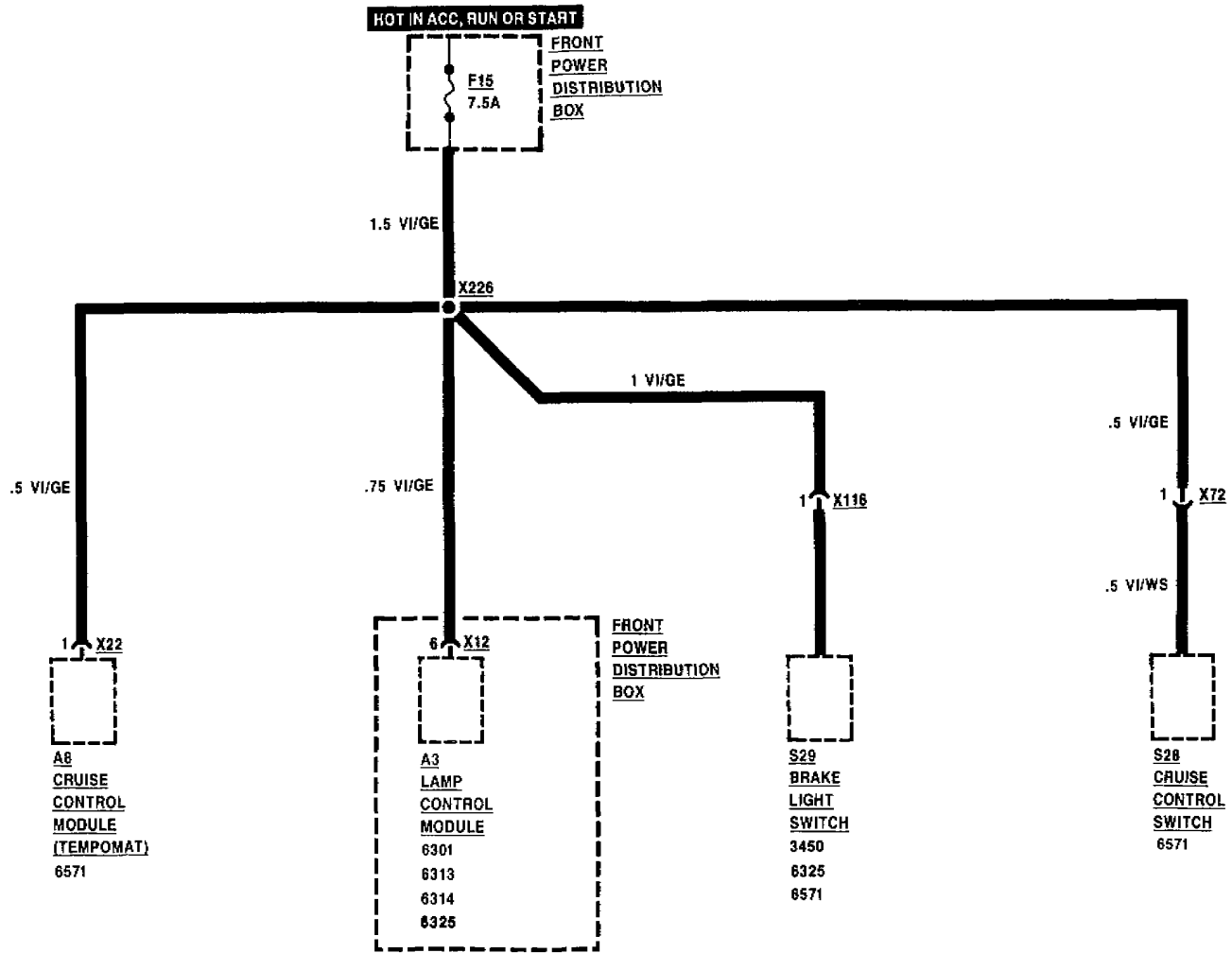
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# FUSE DETAILS

## FUSE 15



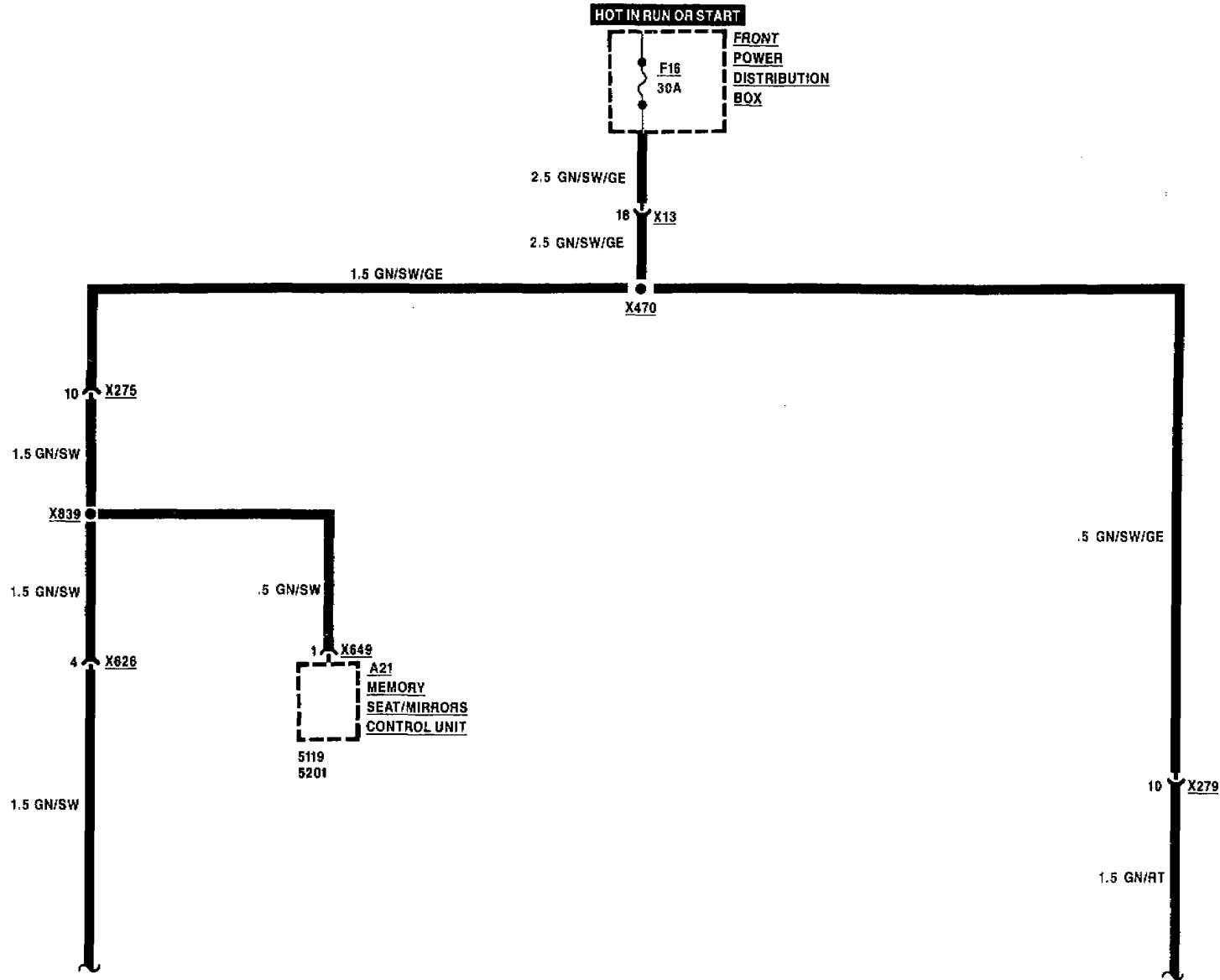
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

**FOR FUSE DETAILS:  
FUSE 16,  
SEE PAGE 0671-04**



# FUSE DETAILS

## FUSE 16

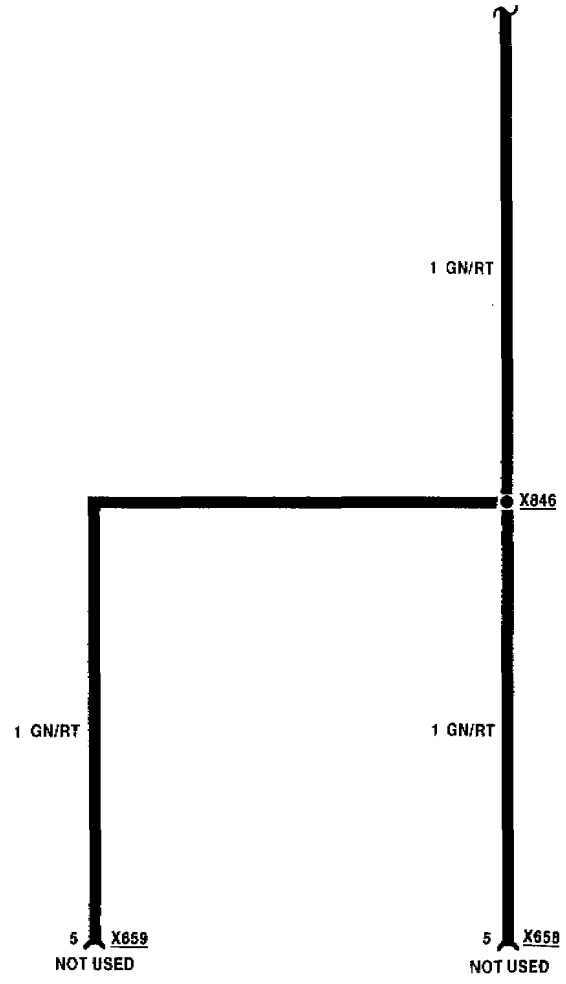
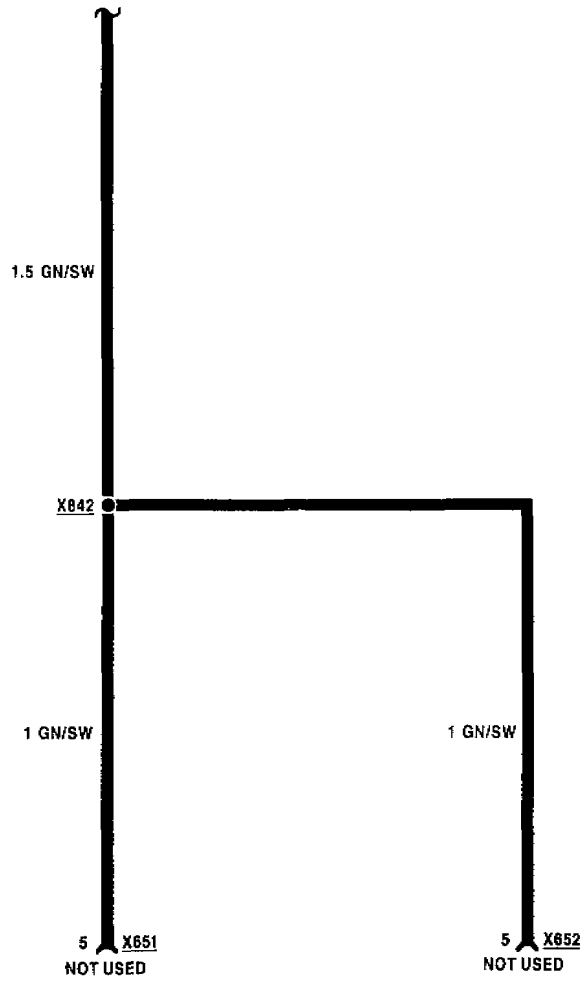


02/87

0671-04

1988







# FUSE DETAILS

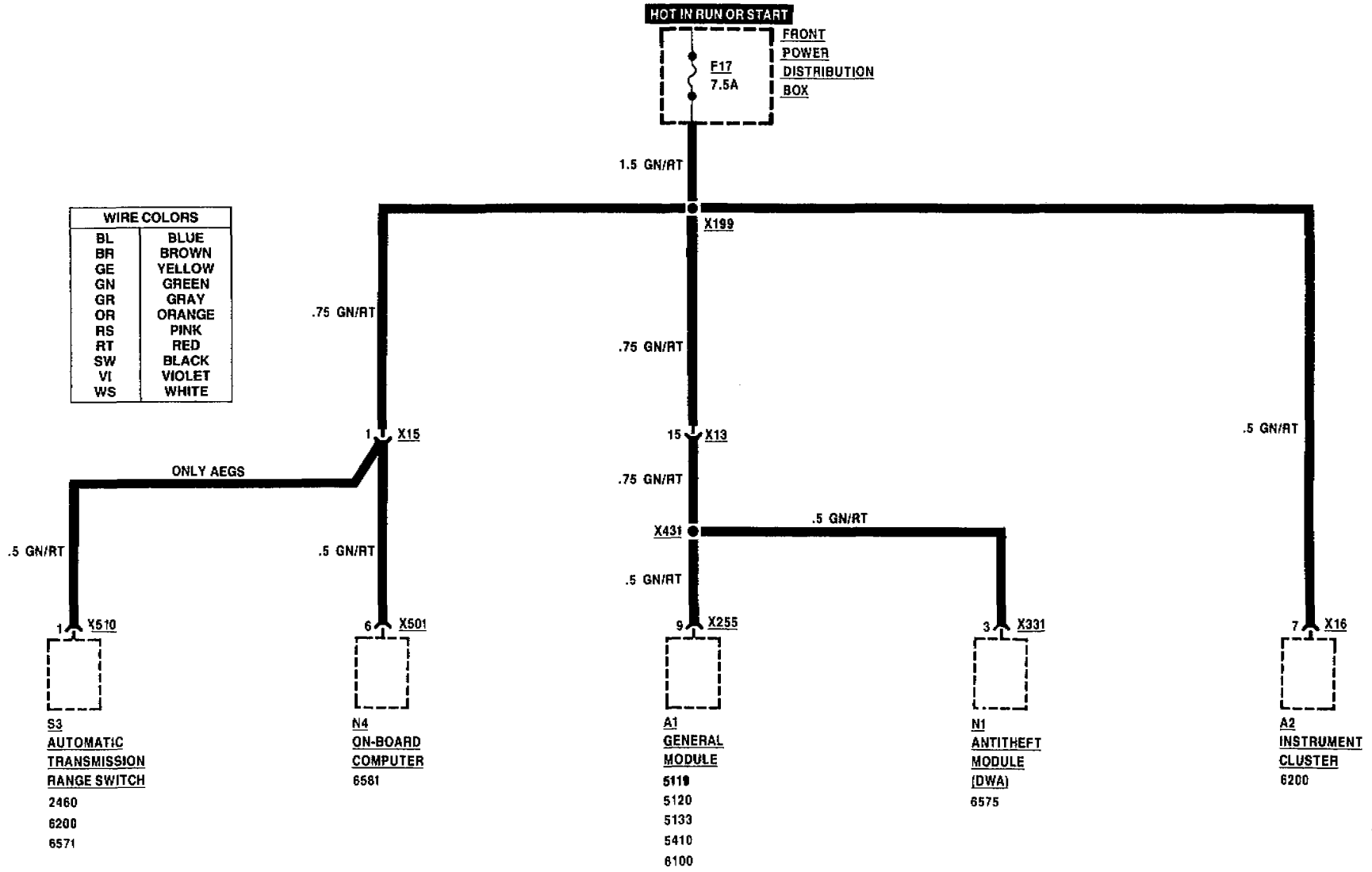
## FUSE 17

08/87

0671-06

1988

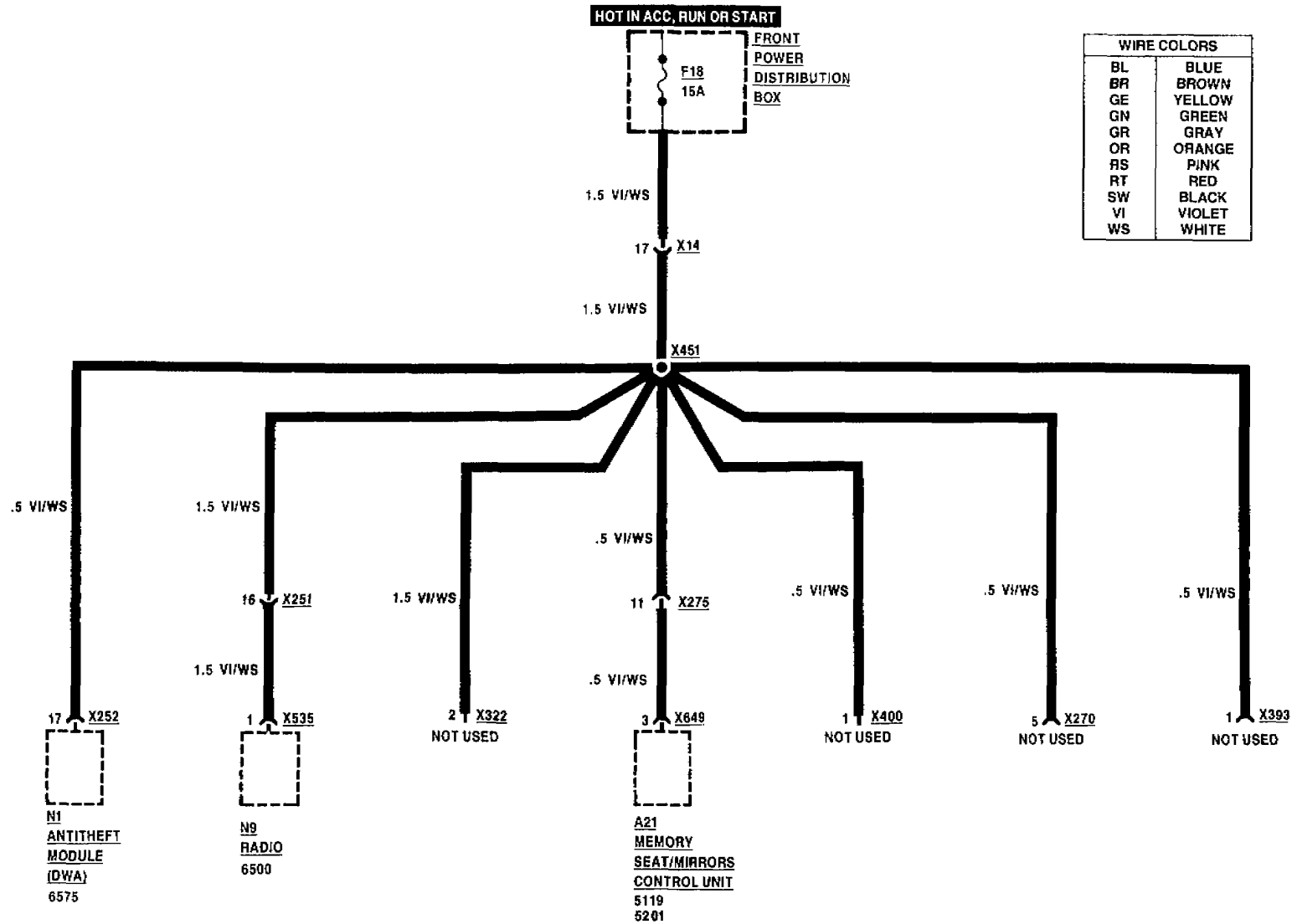
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# FUSE DETAILS

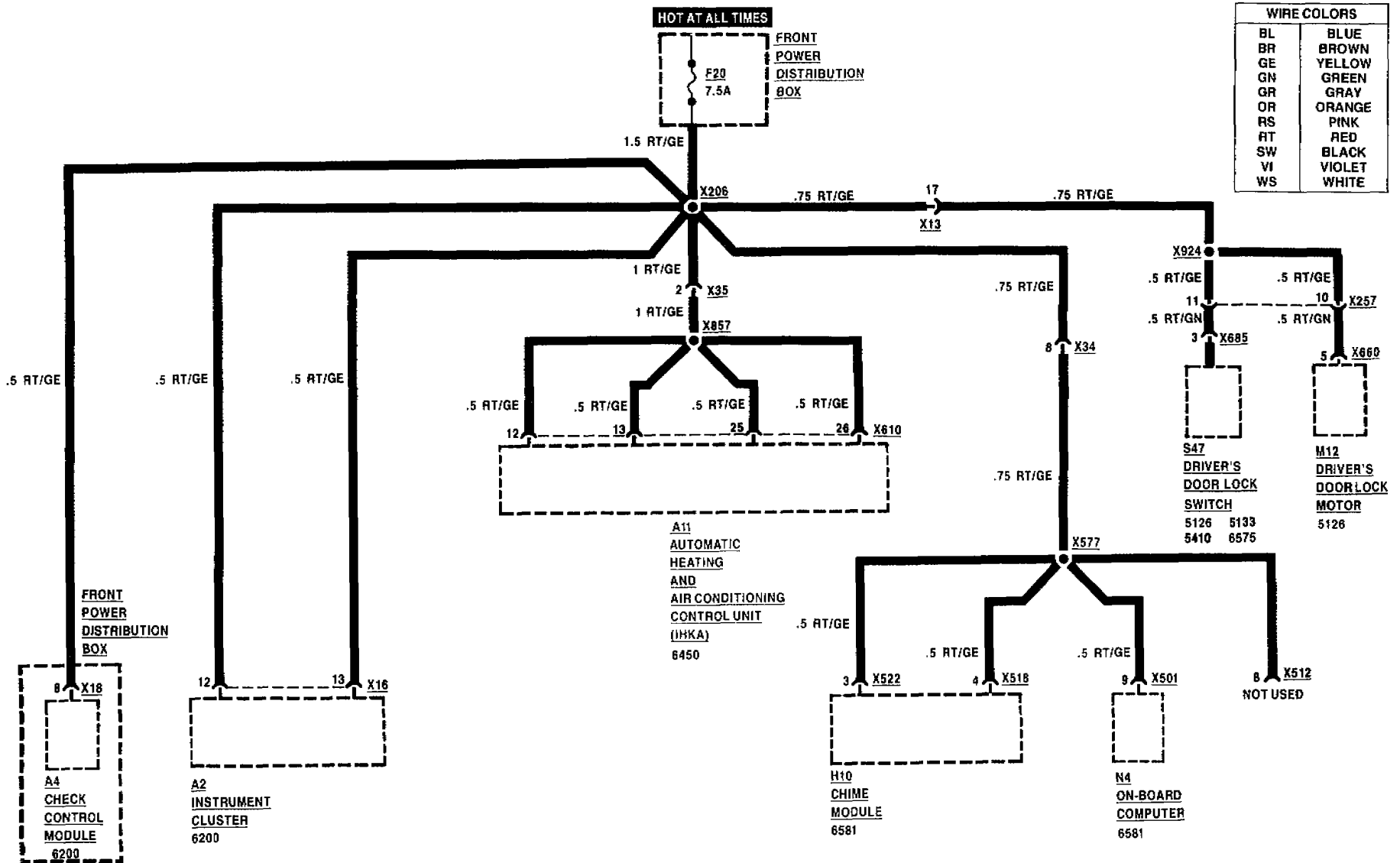
## FUSE 18





# FUSE DETAILS

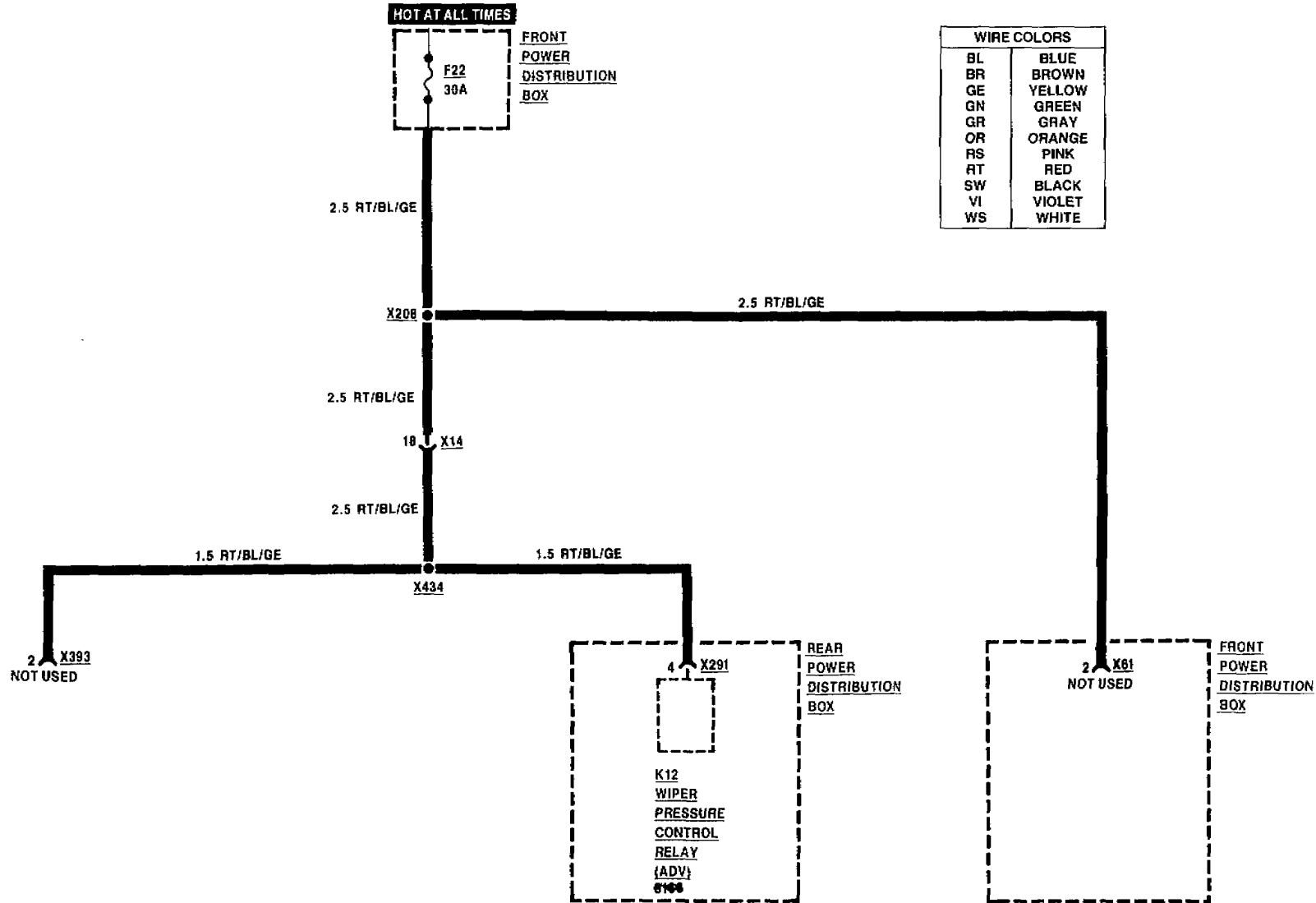
## FUSE 20





# FUSE DETAILS

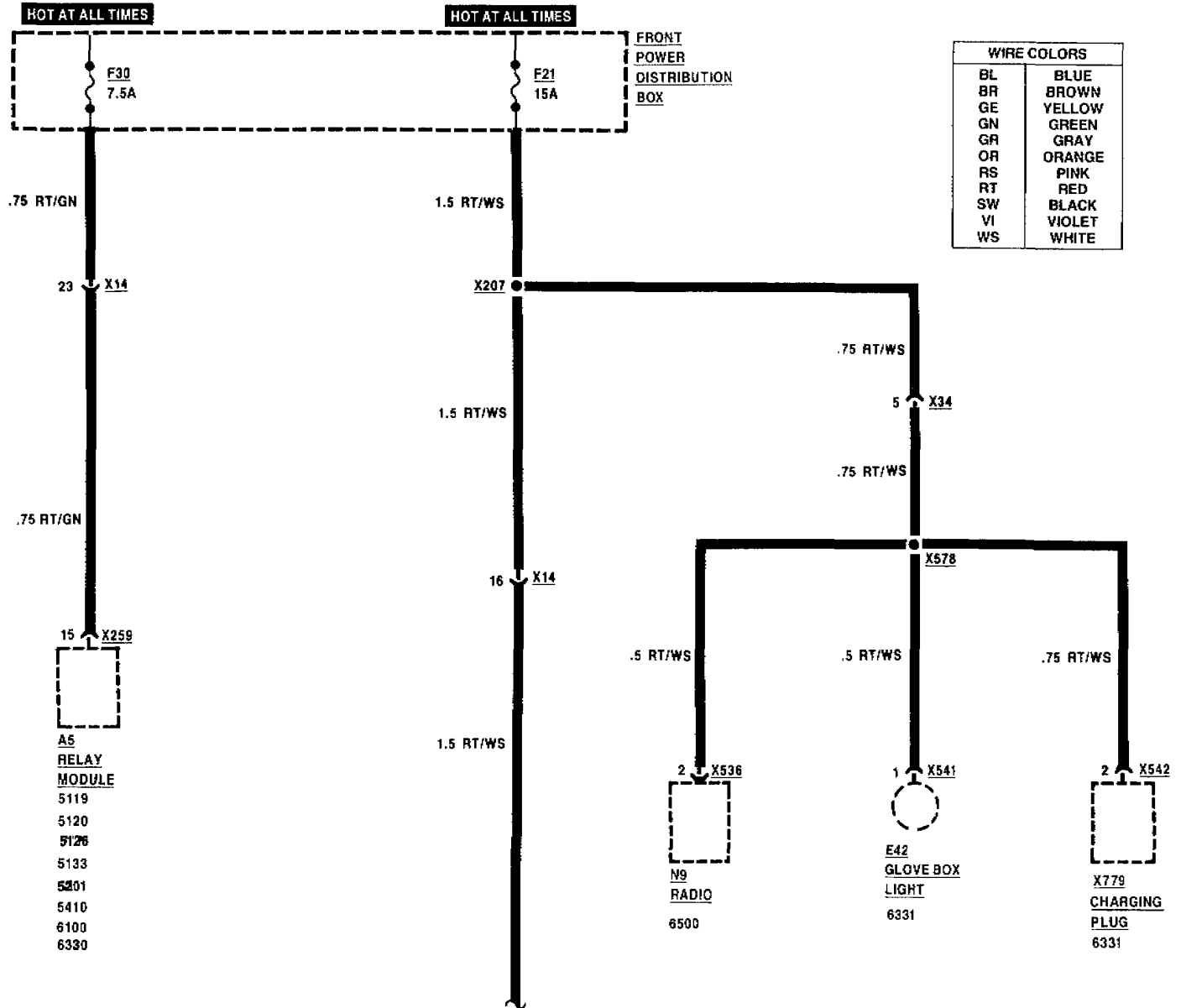
## FUSE 22

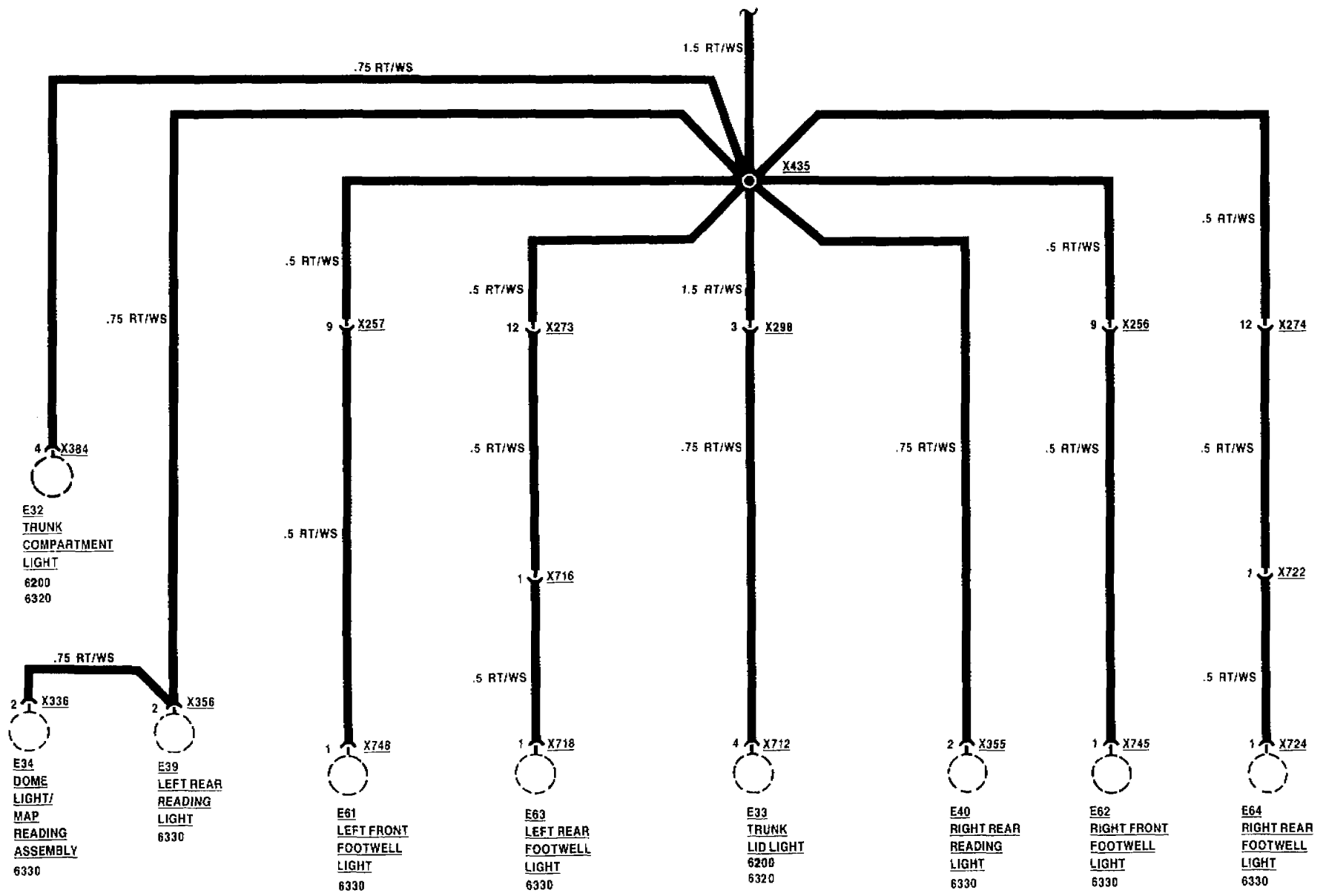




# FUSE DETAILS

## FUSES 21 AND 30





E32  
TRUNK  
COMPARTMENT  
LIGHT  
6200  
6320

E34  
DOME  
LIGHT/  
MAP  
READING  
ASSEMBLY  
6330

E39  
LEFT REAR  
READING  
LIGHT  
6330

E61  
LEFT FRONT  
FOOTWELL  
LIGHT  
6330

E63  
LEFT REAR  
FOOTWELL  
LIGHT  
6330

E33  
TRUNK  
LID LIGHT  
6200  
6320

E40  
RIGHT REAR  
READING  
LIGHT  
6330

E62  
RIGHT FRONT  
FOOTWELL  
LIGHT  
6330

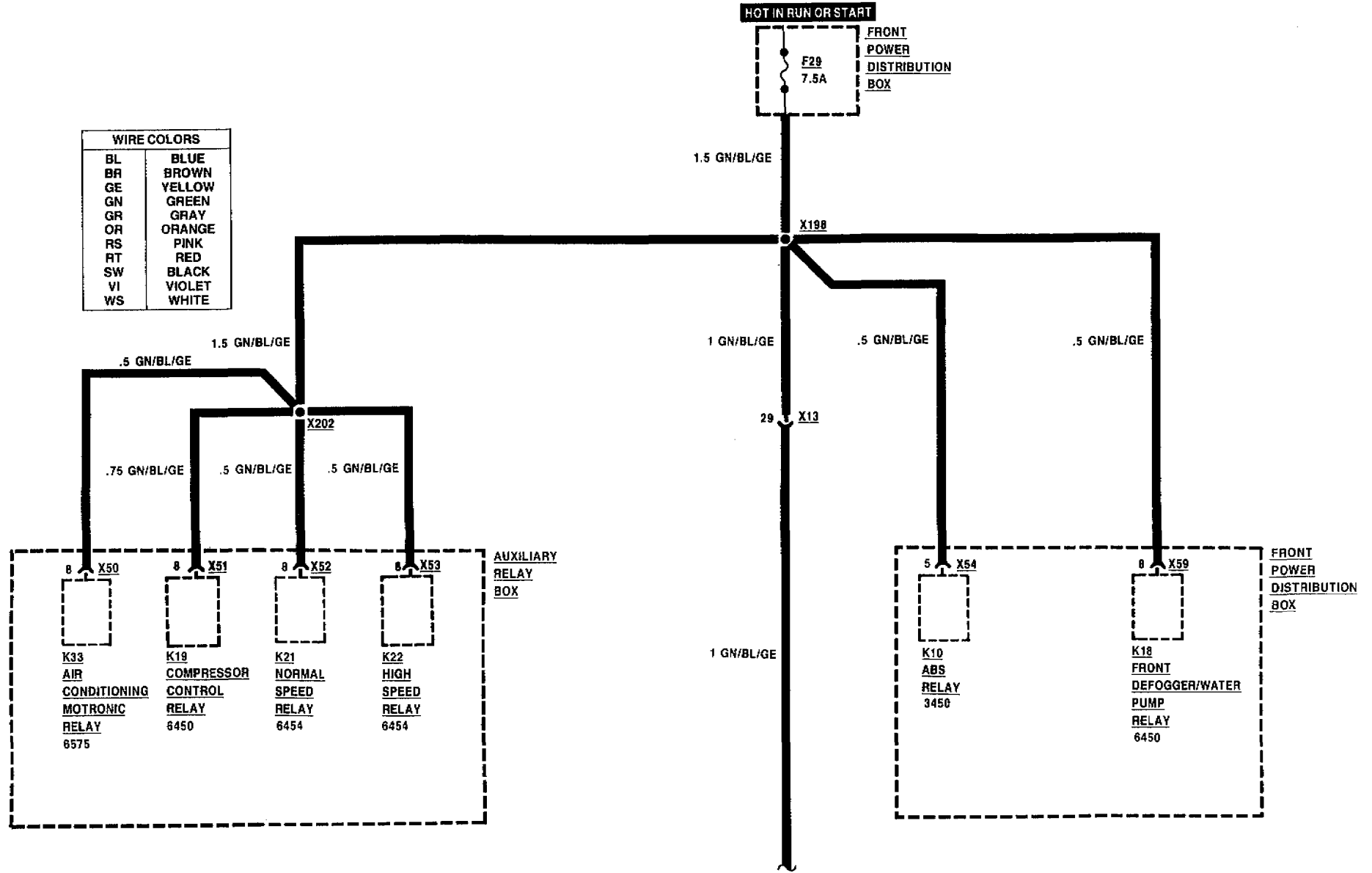
E64  
RIGHT REAR  
FOOTWELL  
LIGHT  
6330



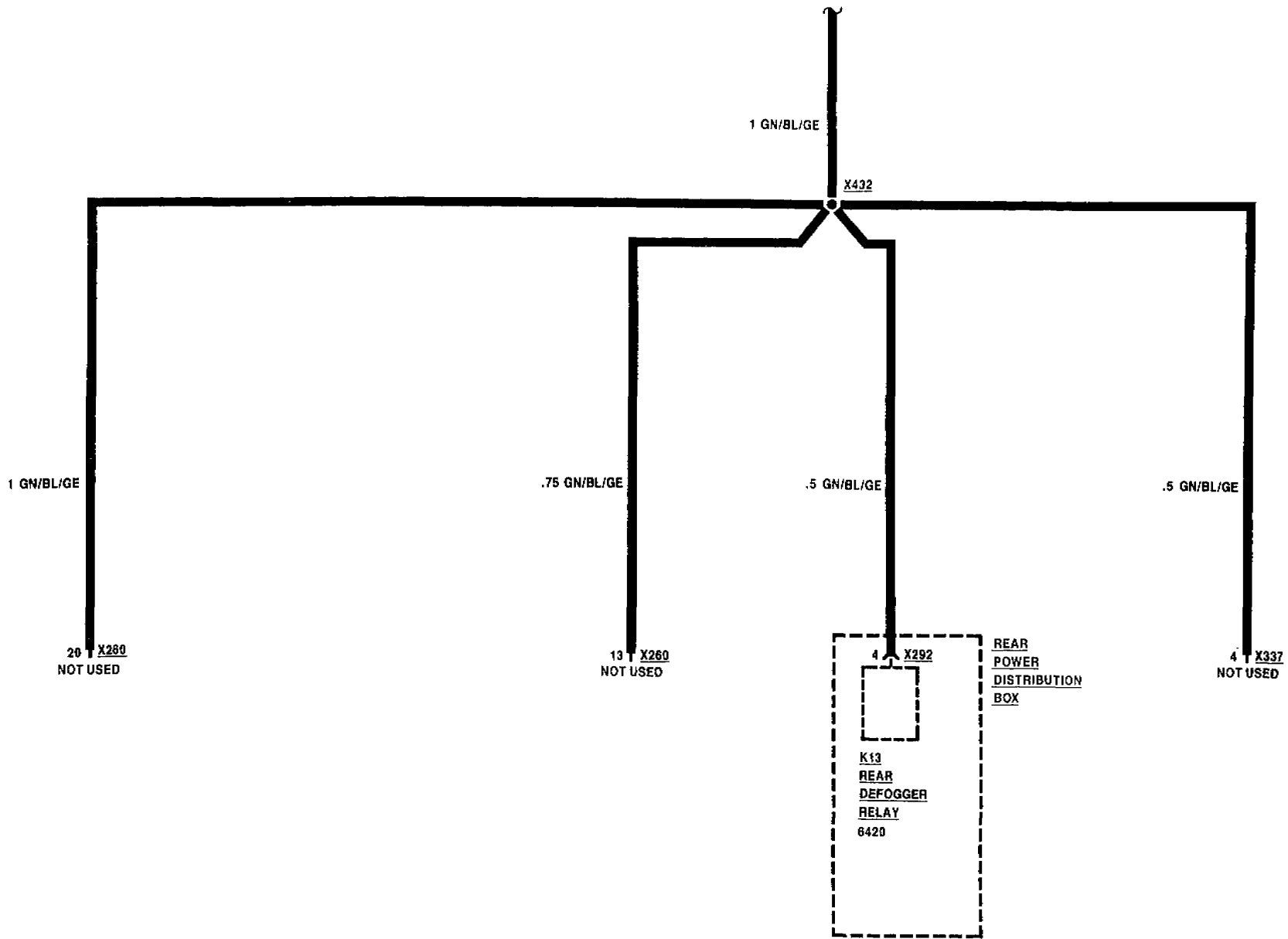
# FUSE DETAILS

## 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



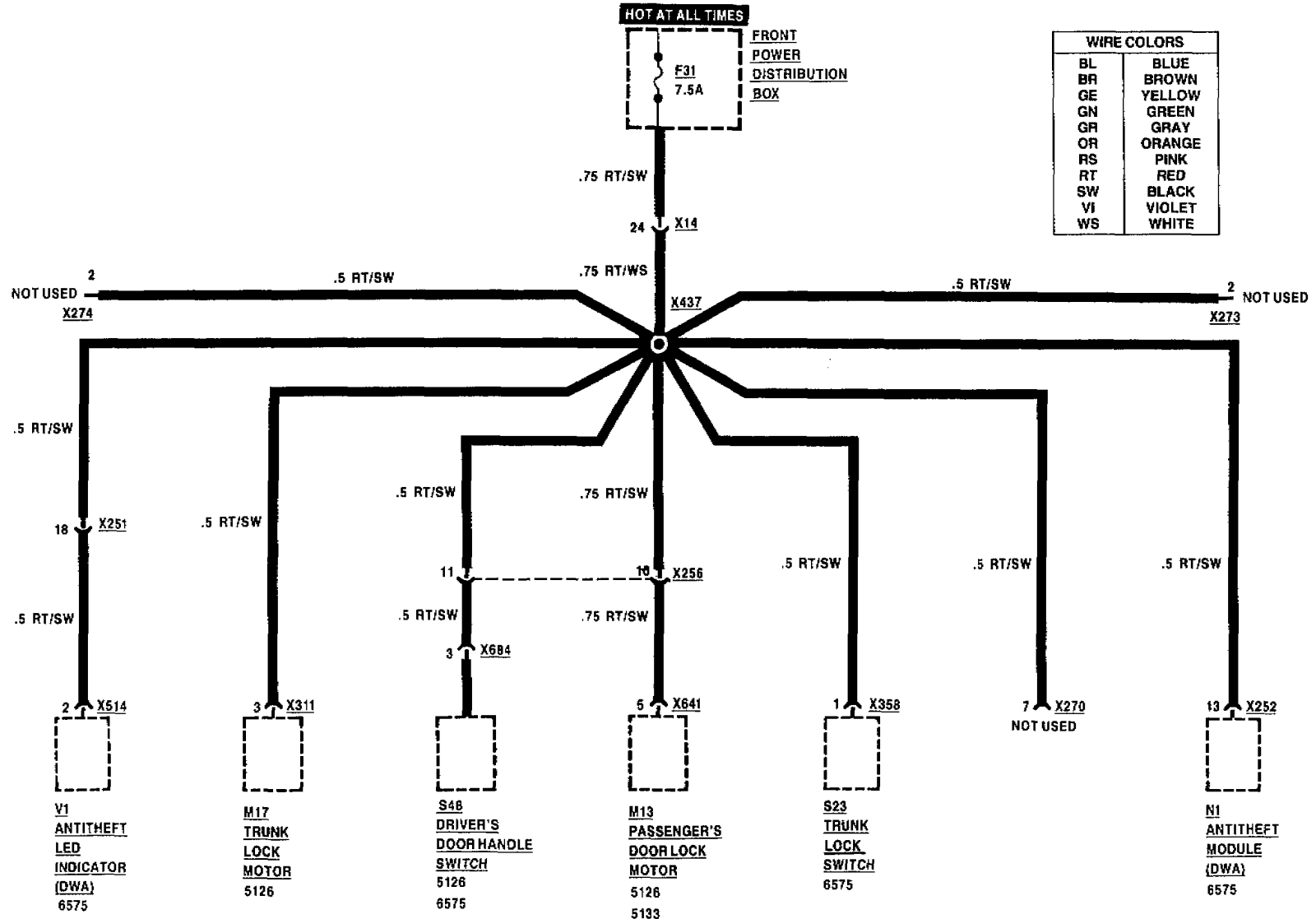






# FUSE DETAILS

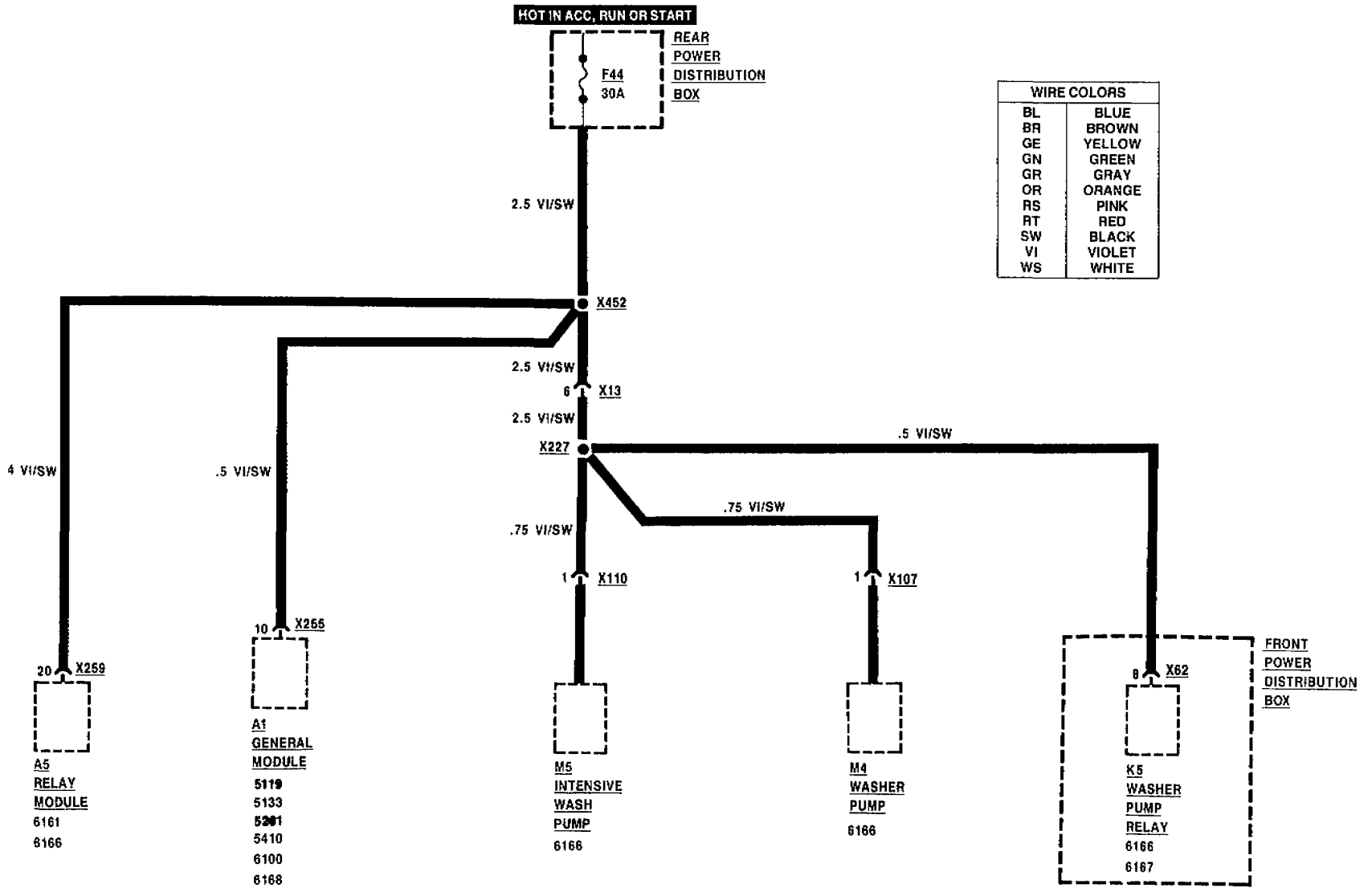
## FUSE 31





# FUSE DETAILS

## FUSE 44

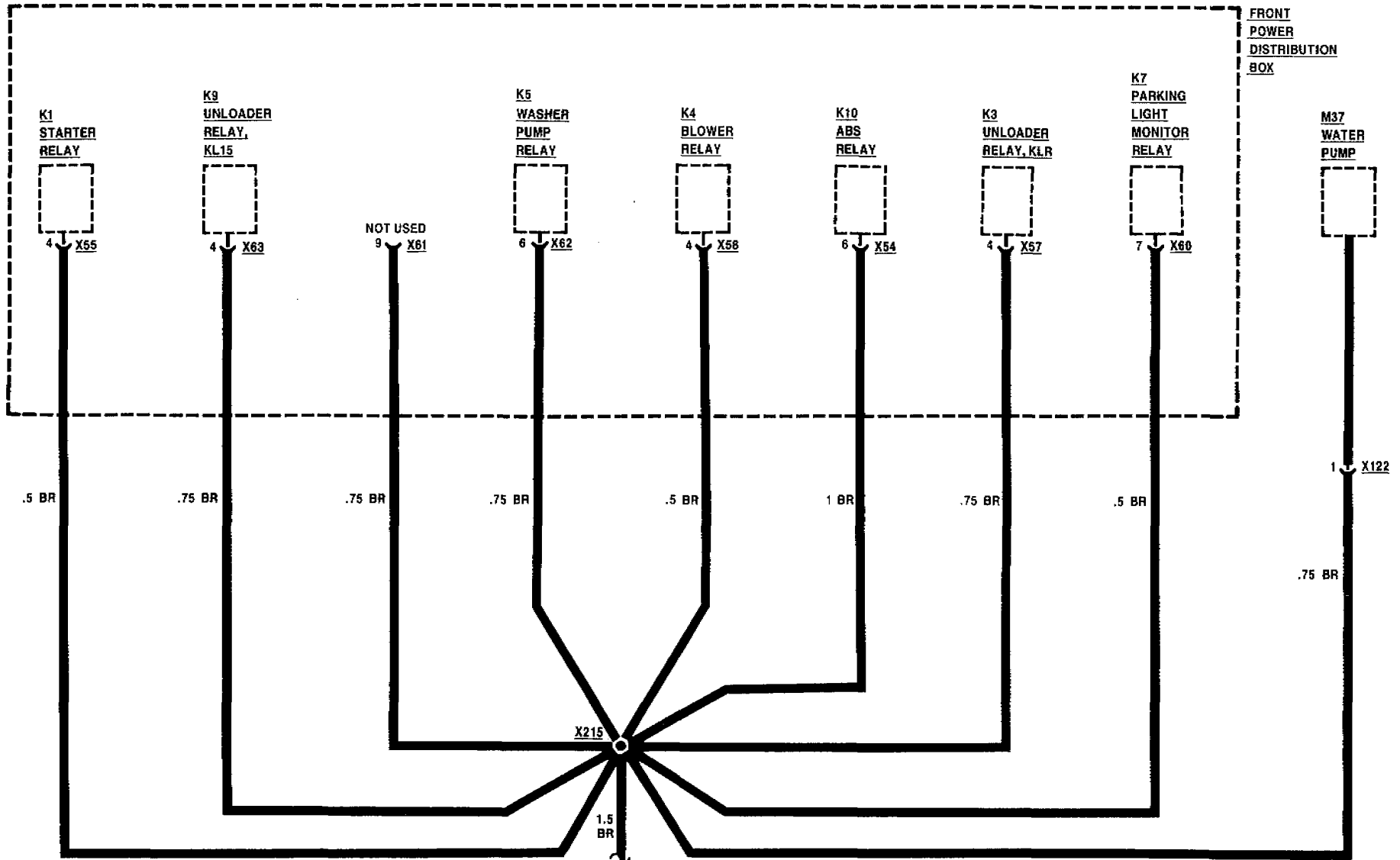


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# GROUND DISTRIBUTION

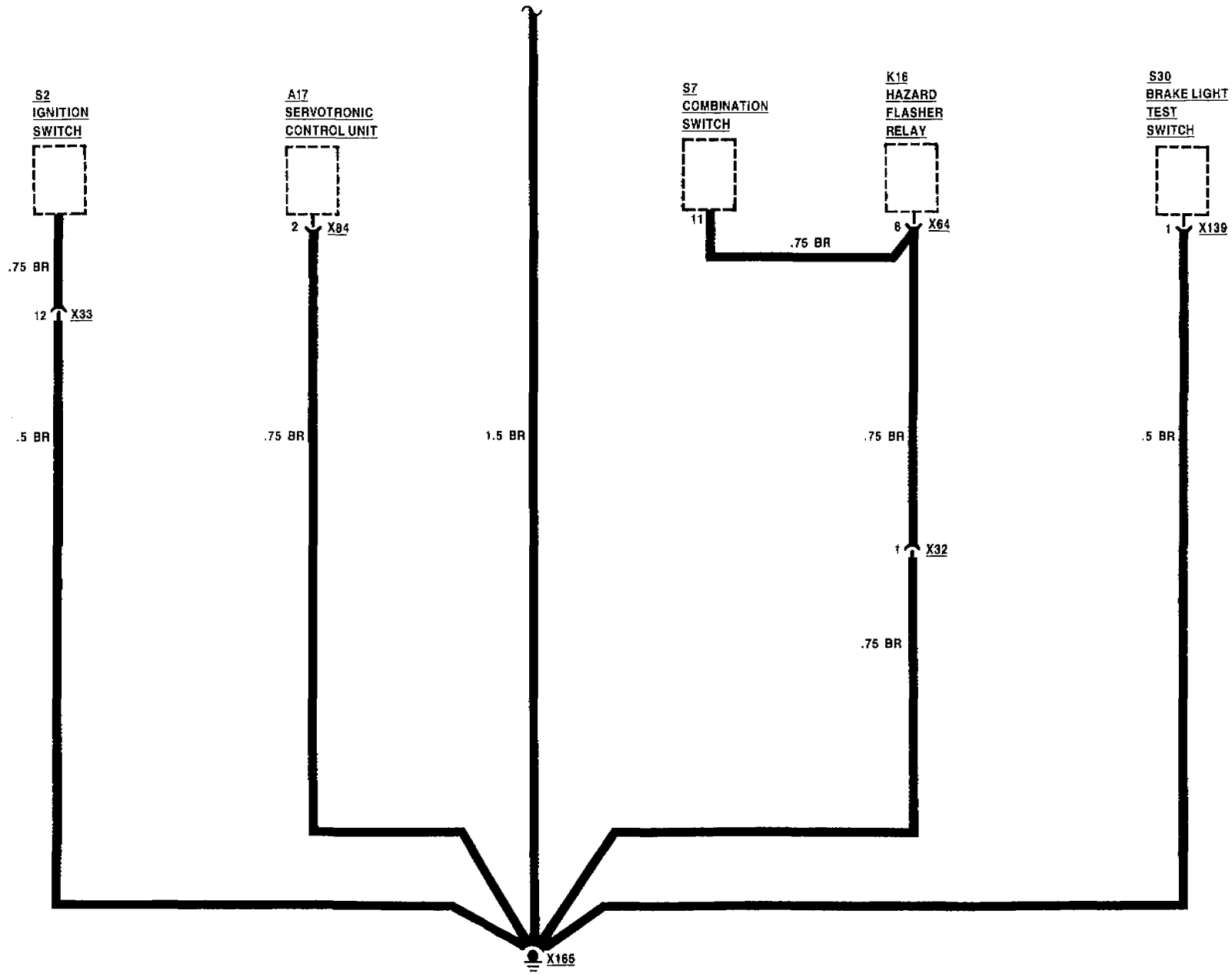
## GROUND X165



08/87

0672-00

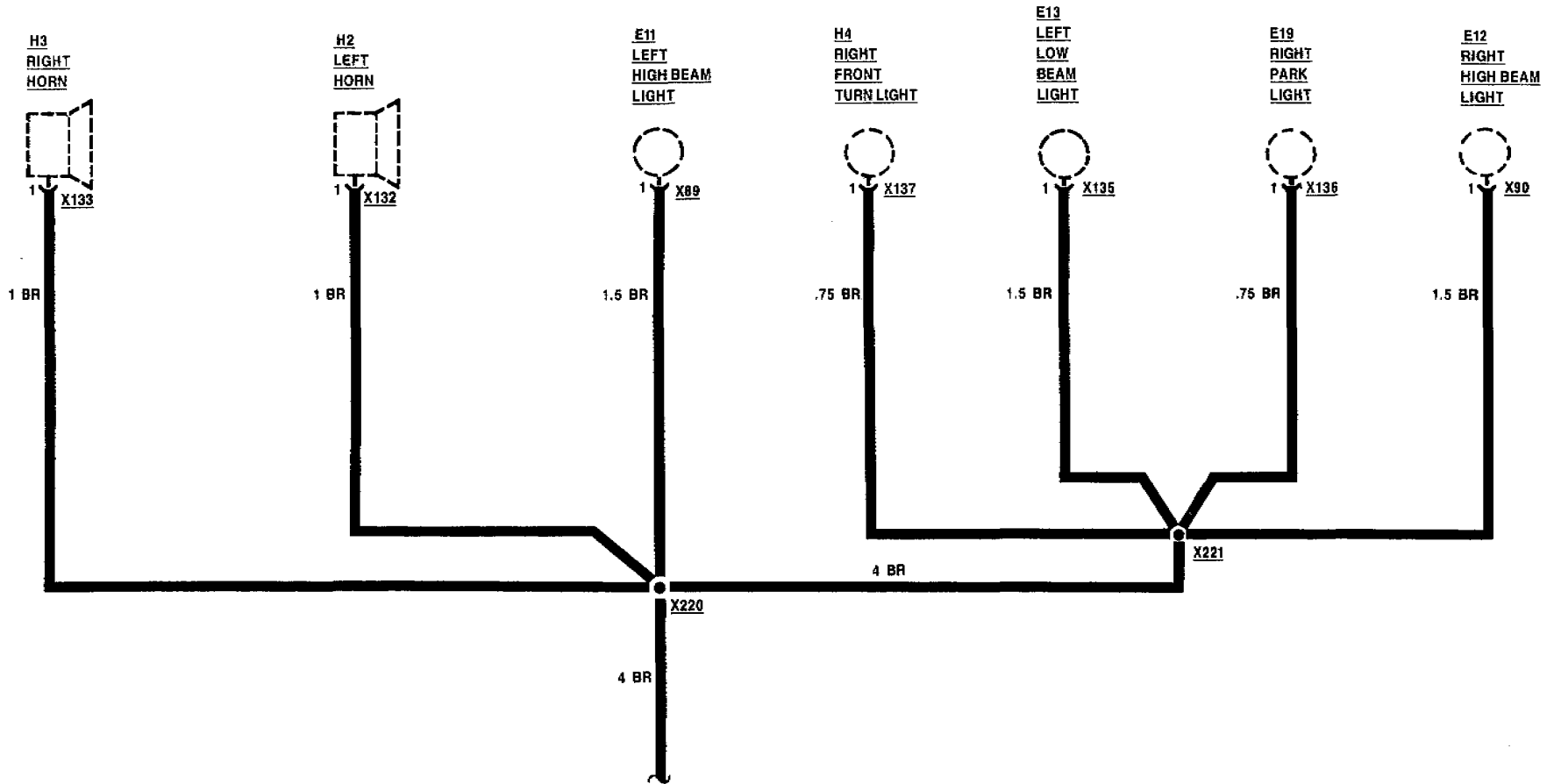
1988





# GROUND DISTRIBUTION

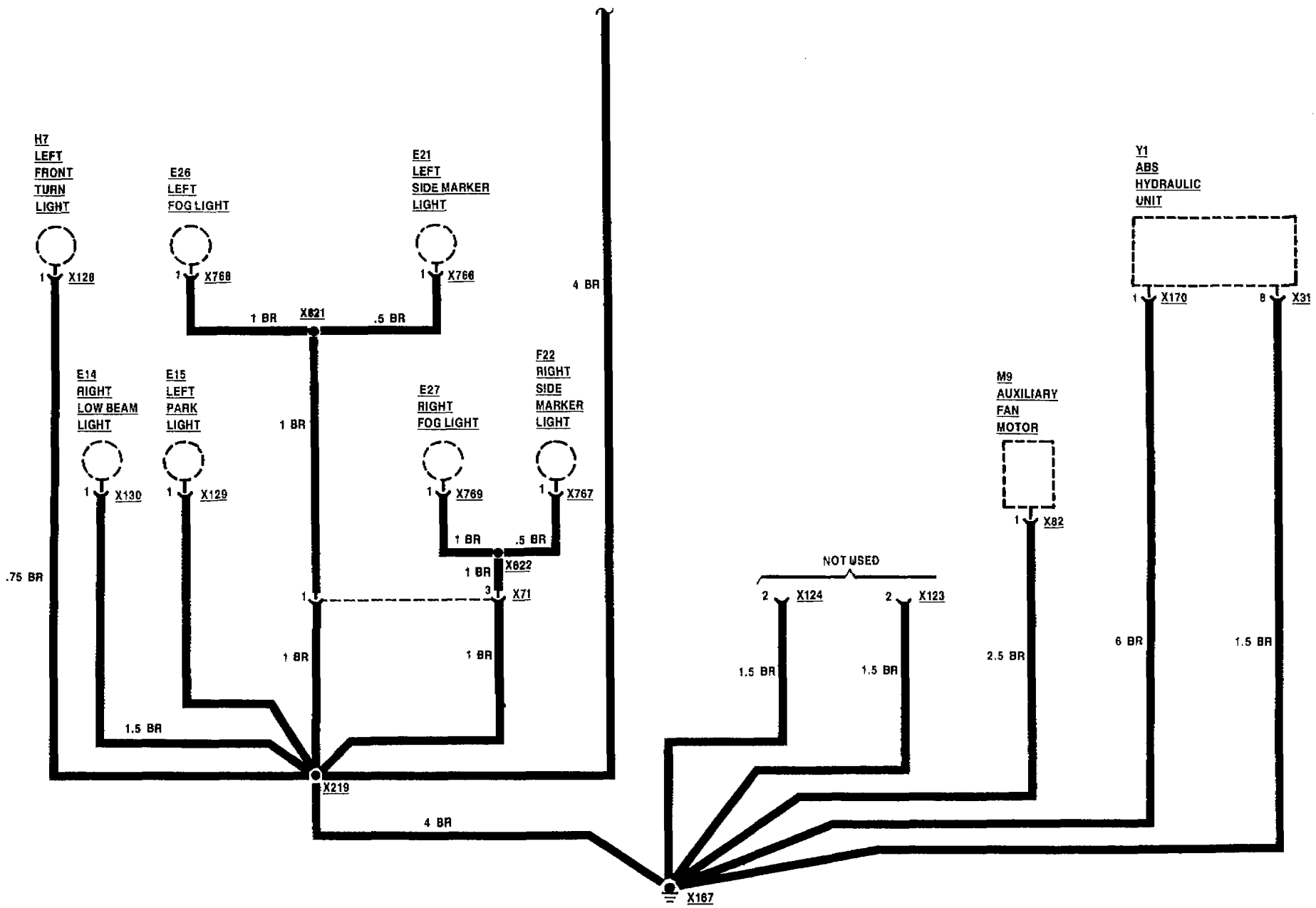
## GROUND X167



08/87

0672-02

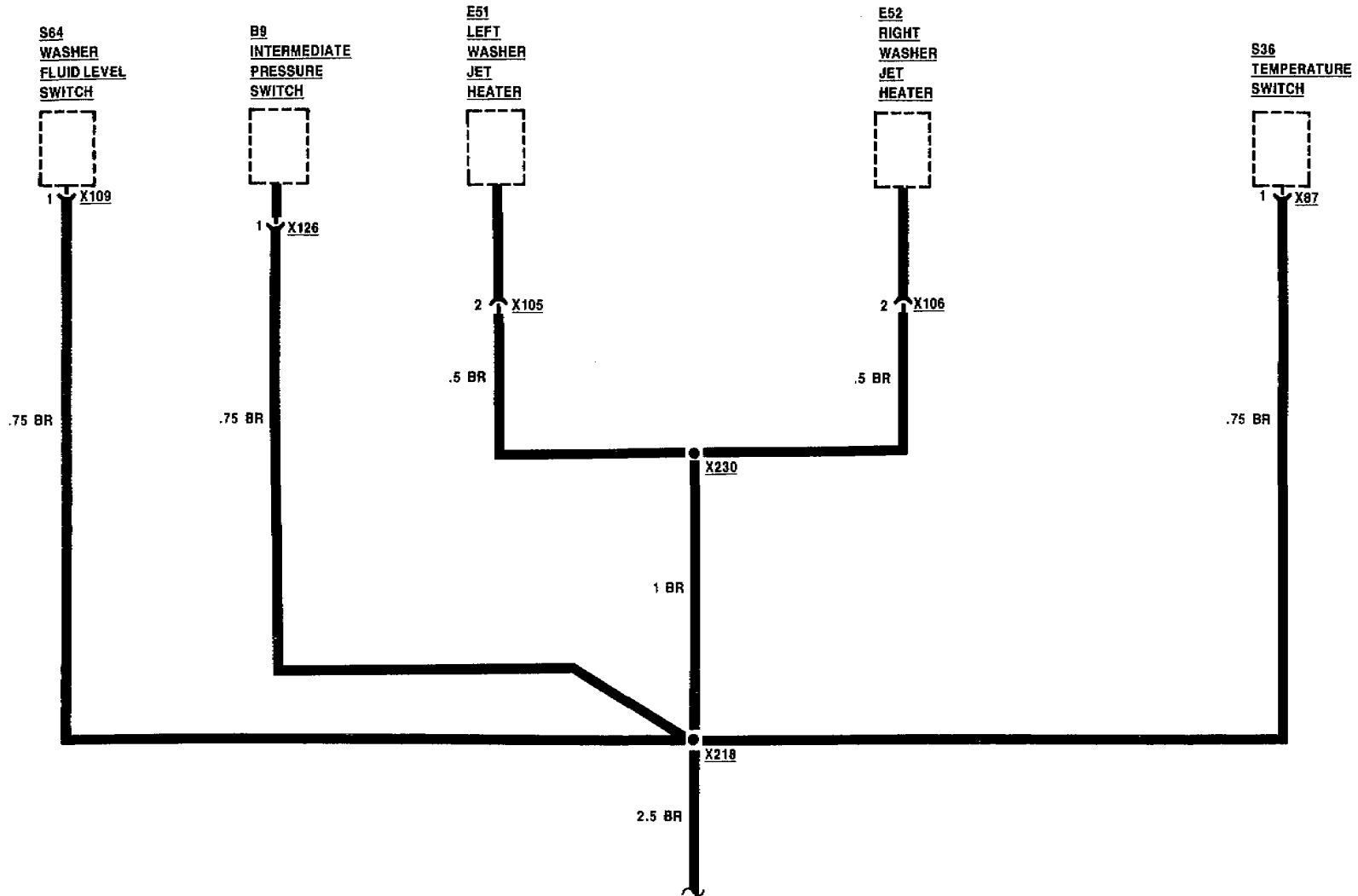
1988



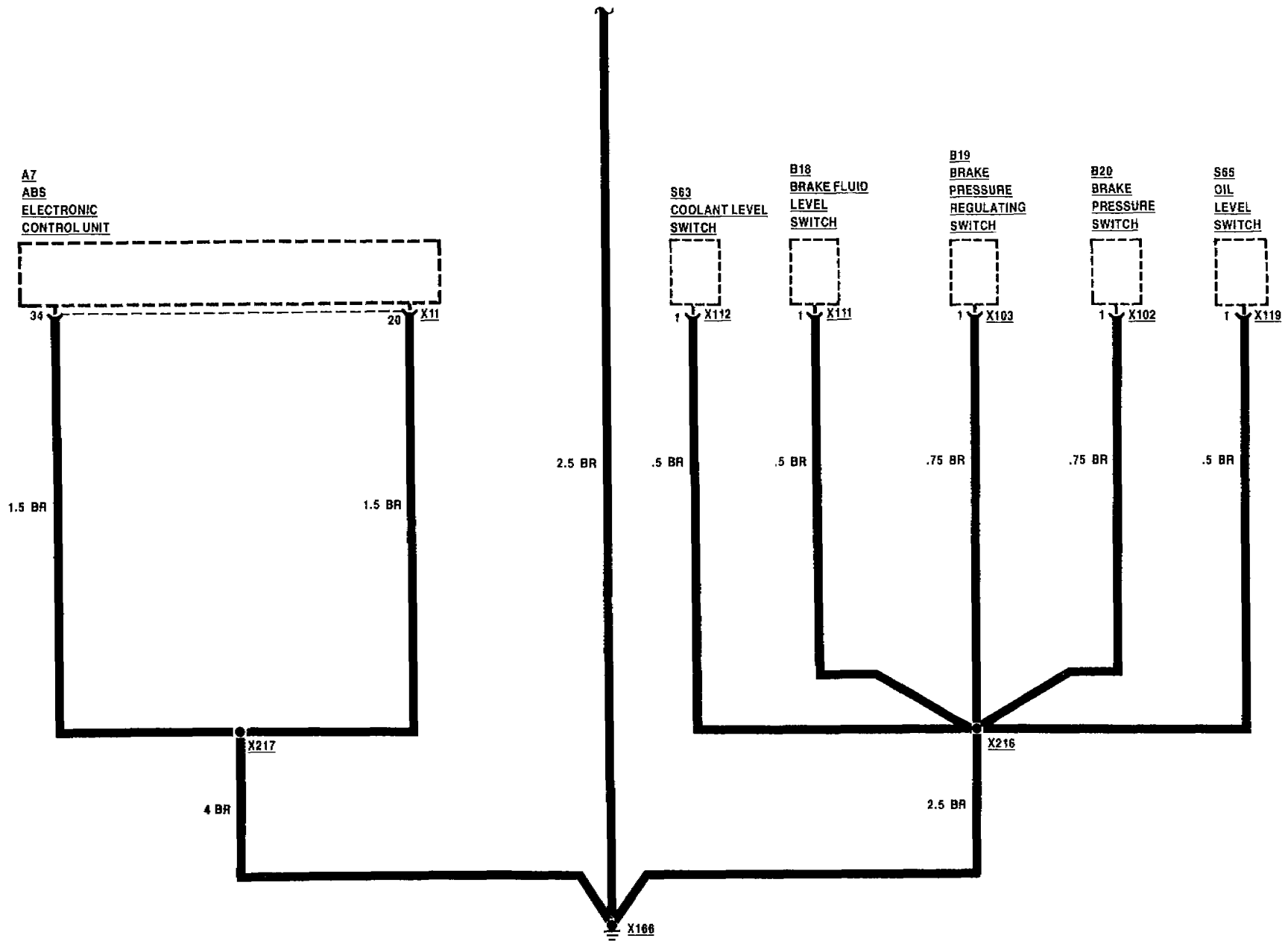


# GROUND DISTRIBUTION

## GROUND X166



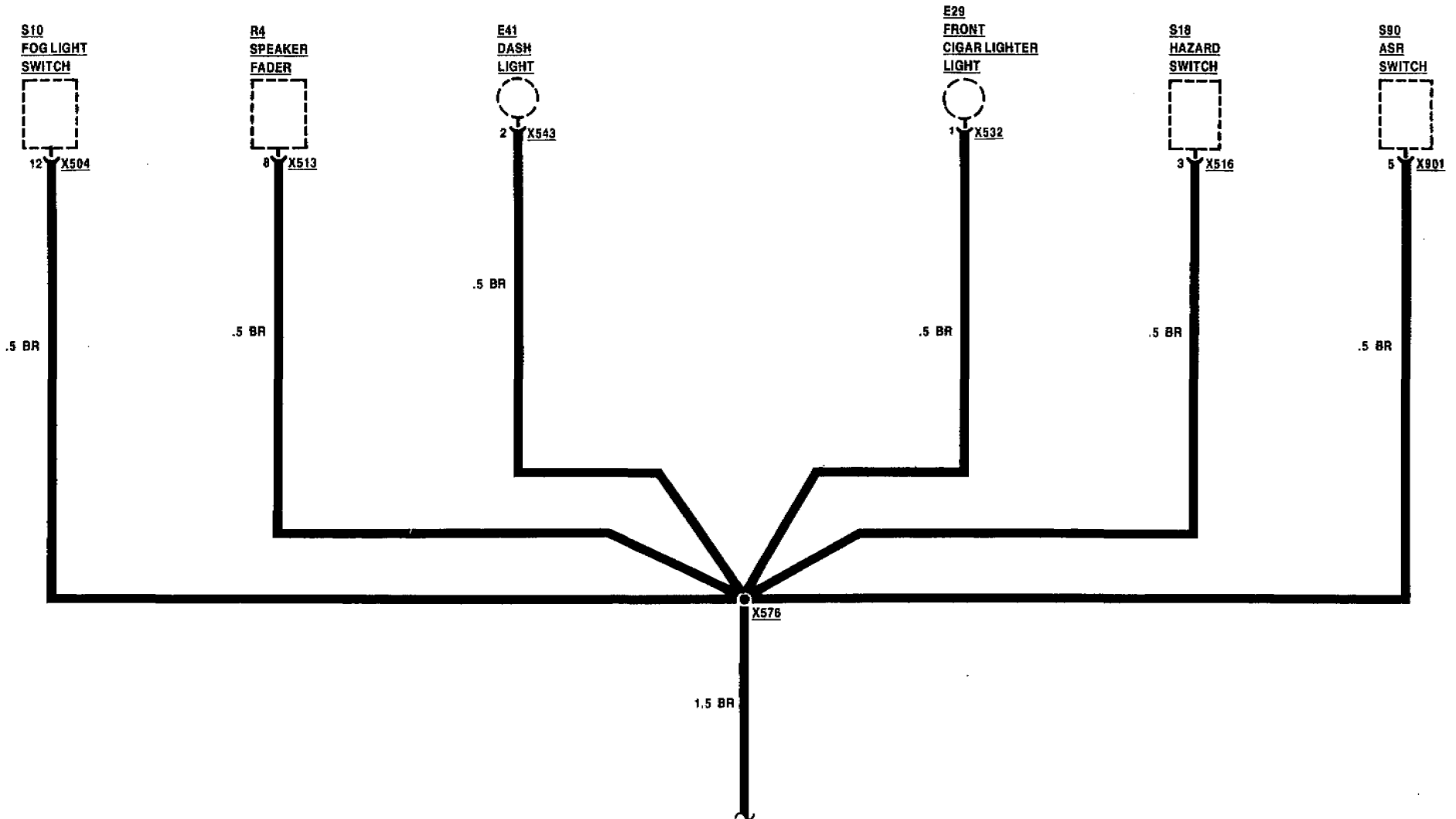






# GROUND DISTRIBUTION

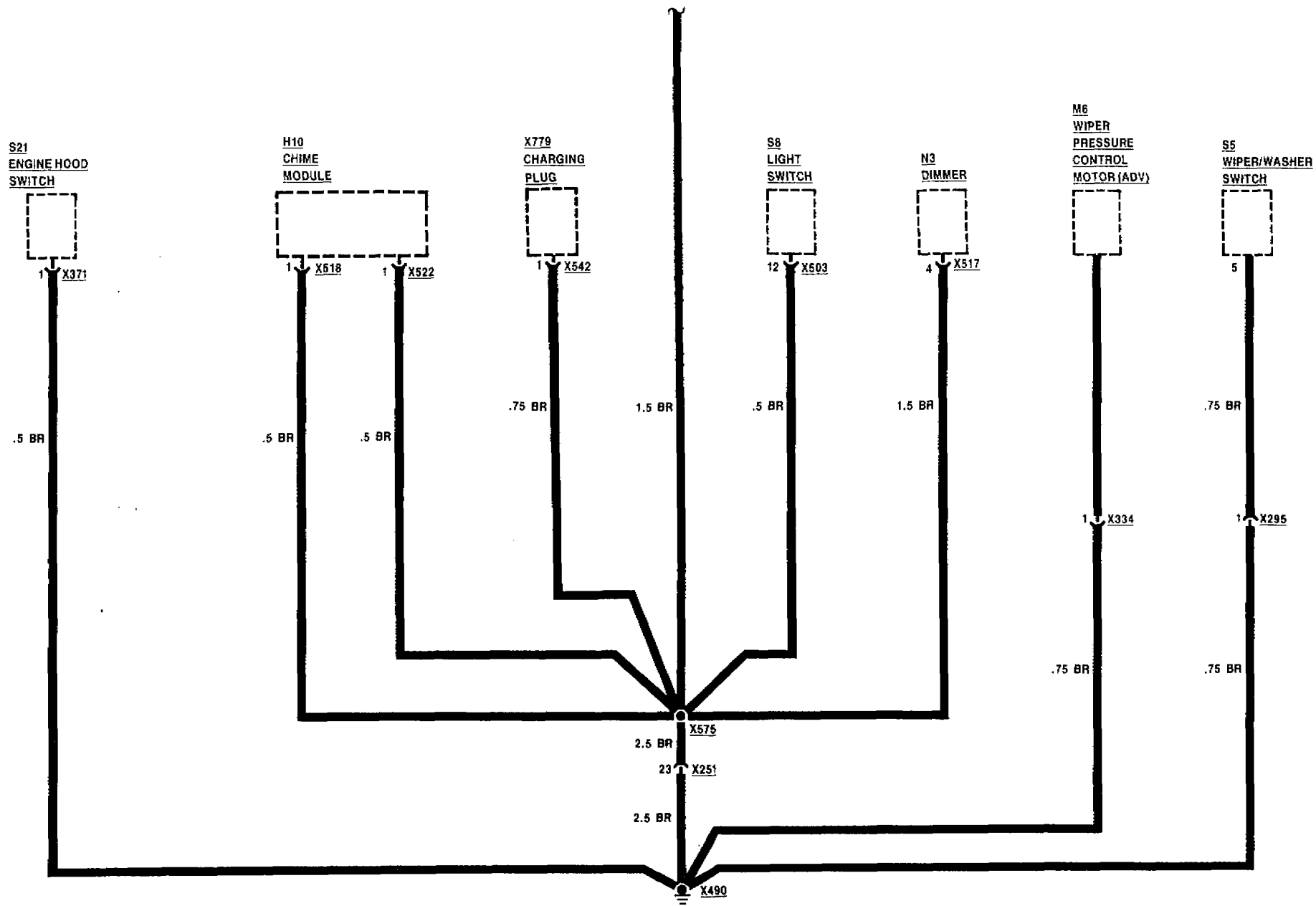
## GROUND X490



08/87

0672-06

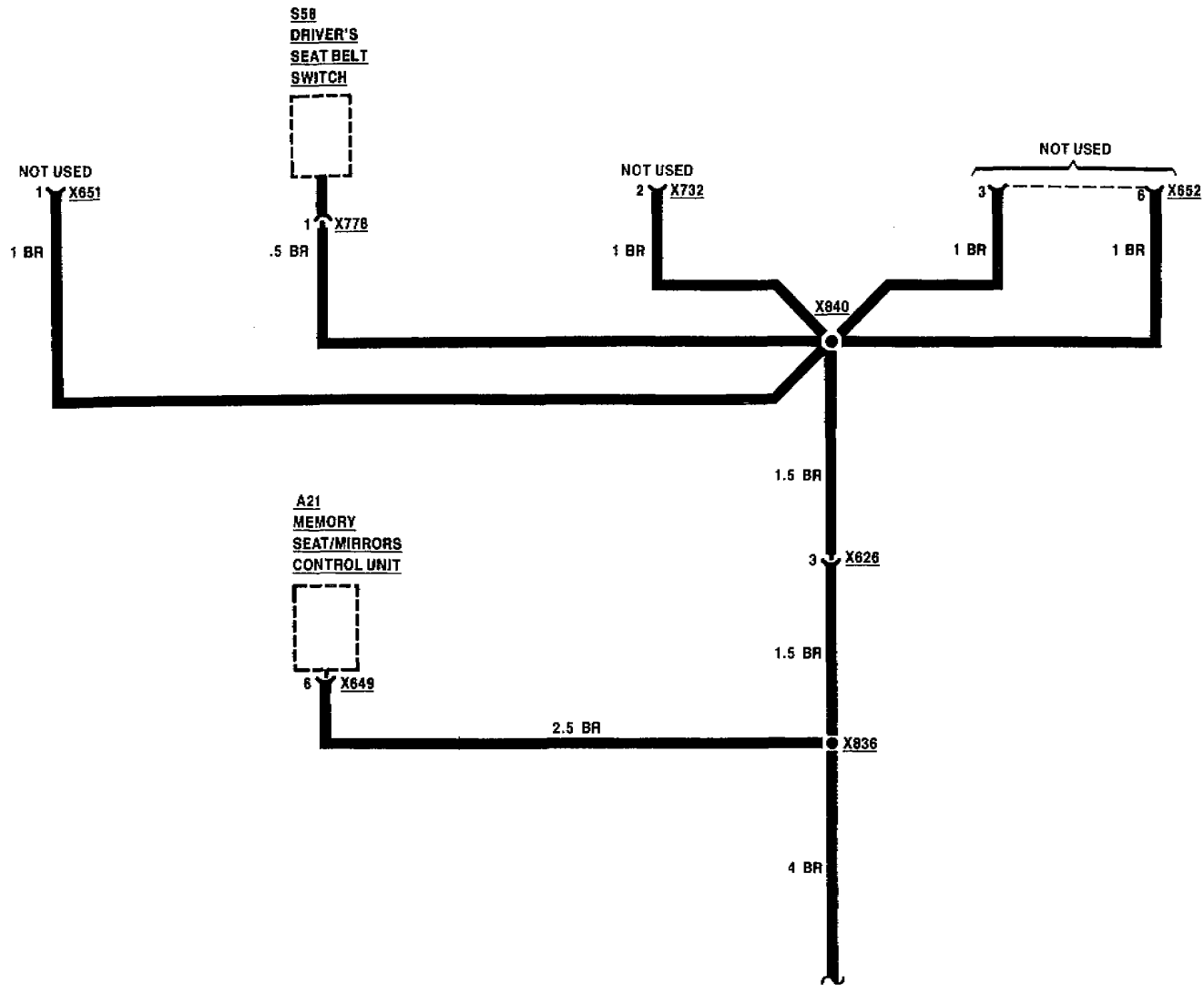
1988

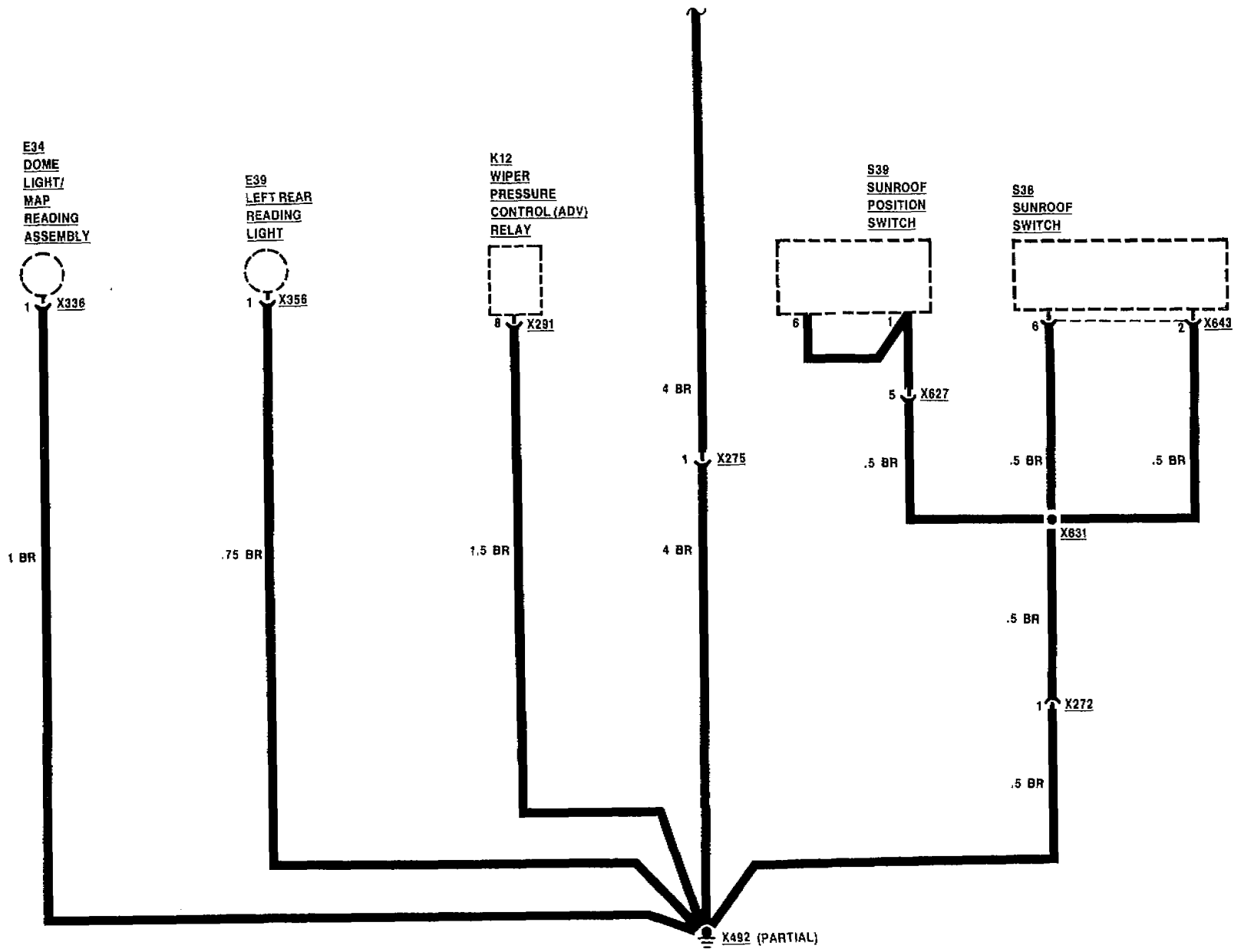




# GROUND DISTRIBUTION

## GROUND X492

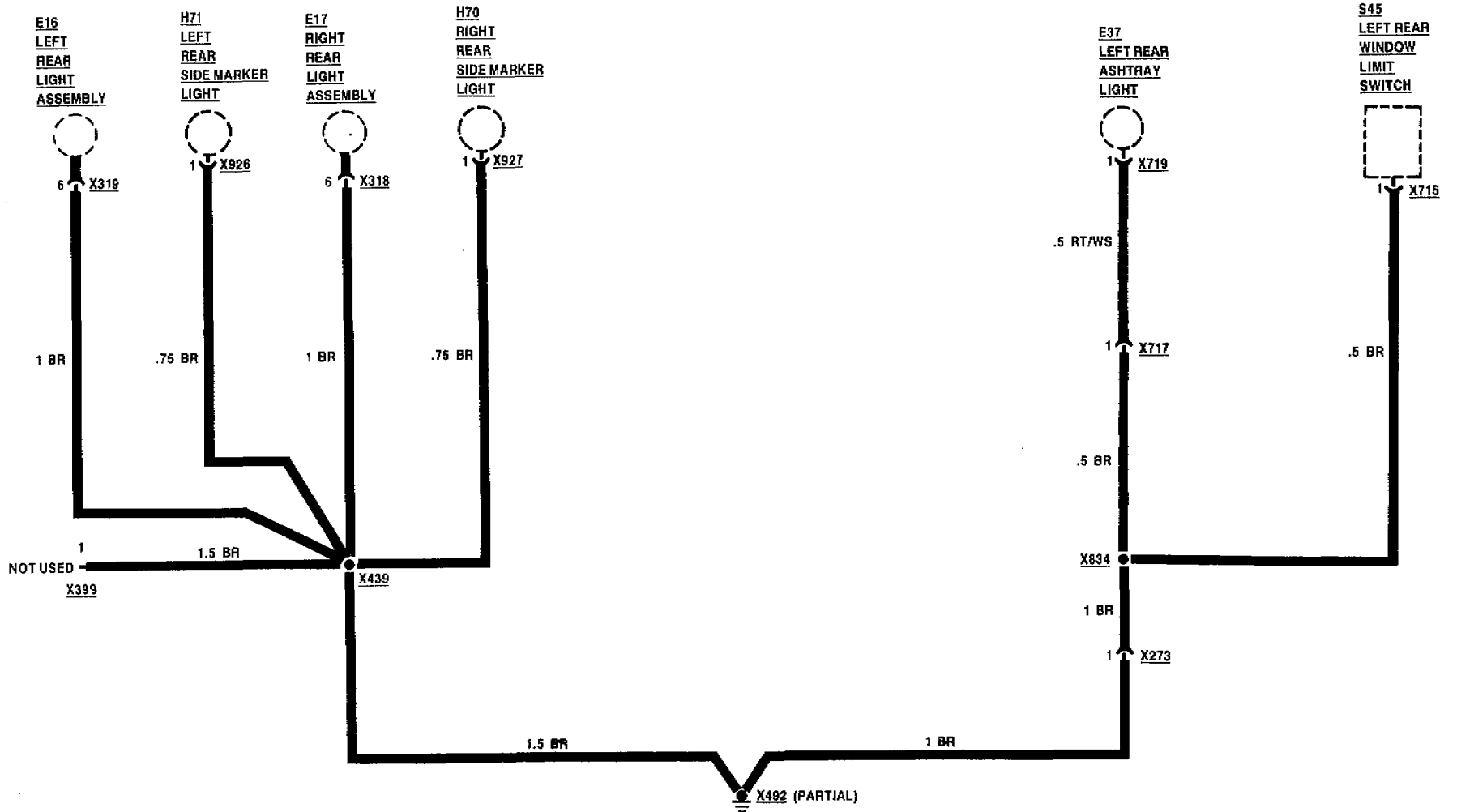






# GROUND DISTRIBUTION

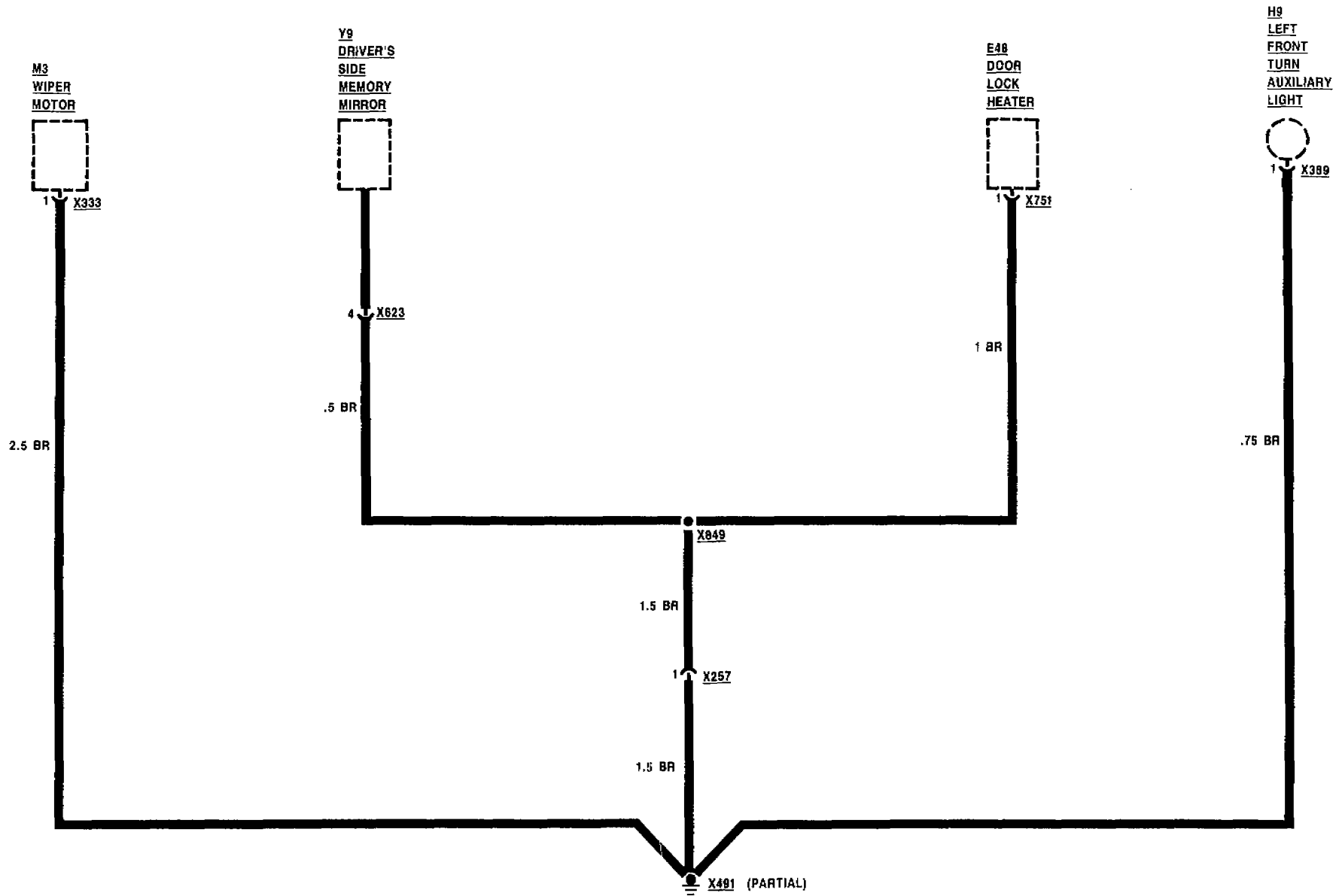
## GROUND X492





# GROUND DISTRIBUTION

## GROUND X491



08/87

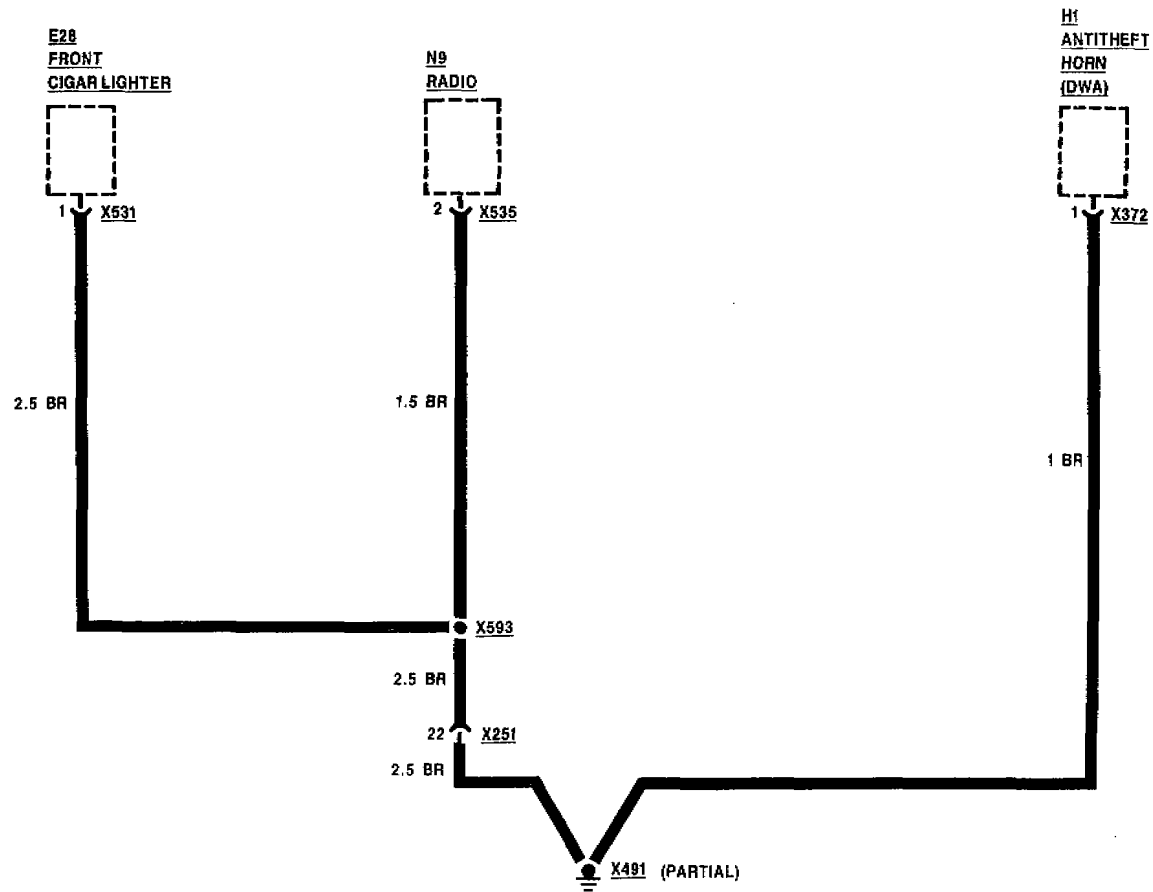
0672-11

1988



# GROUND DISTRIBUTION

## GROUND X491



08/87

0672-12

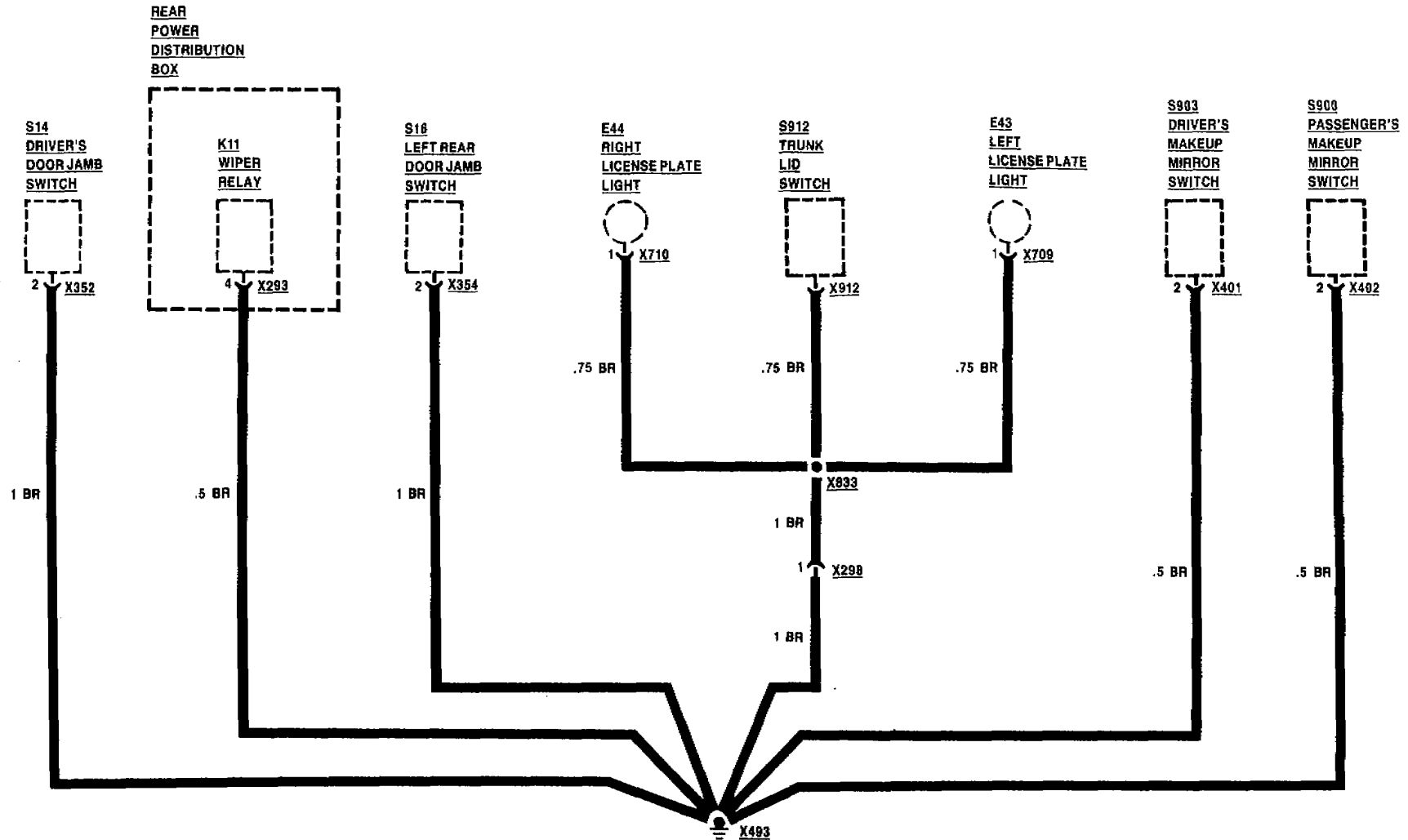
1988





# GROUND DISTRIBUTION

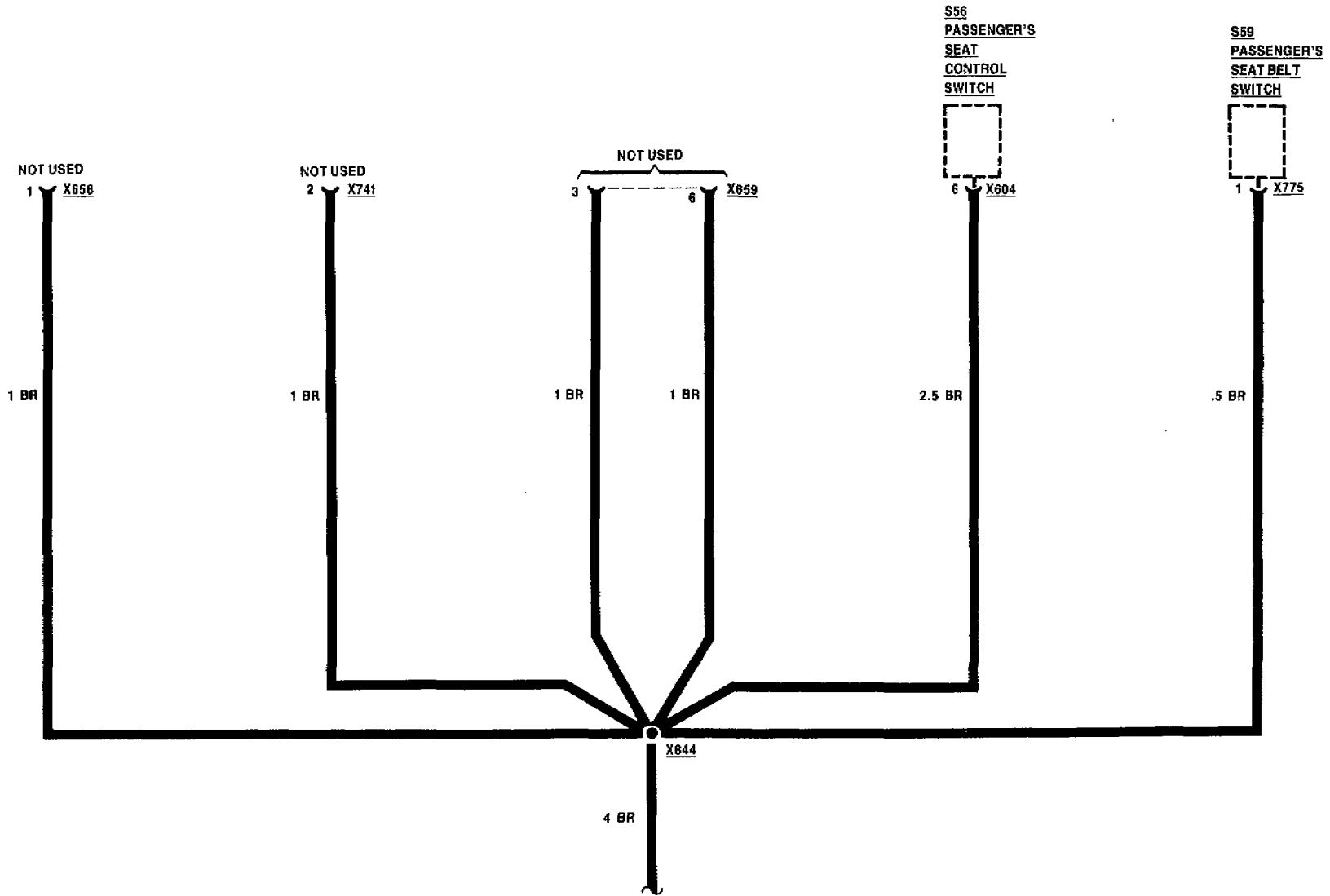
## GROUND X493

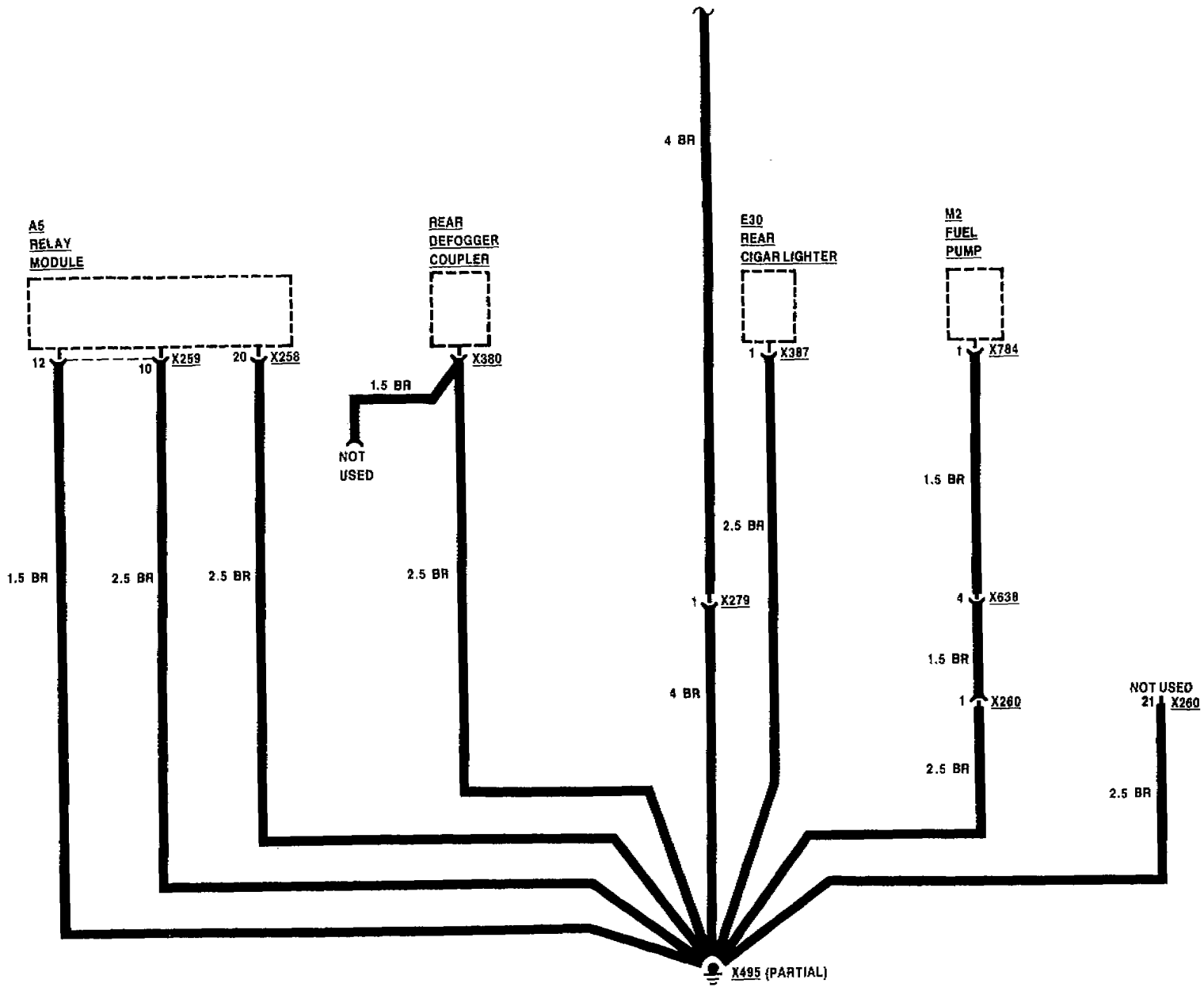




# GROUND DISTRIBUTION

## GROUND X495

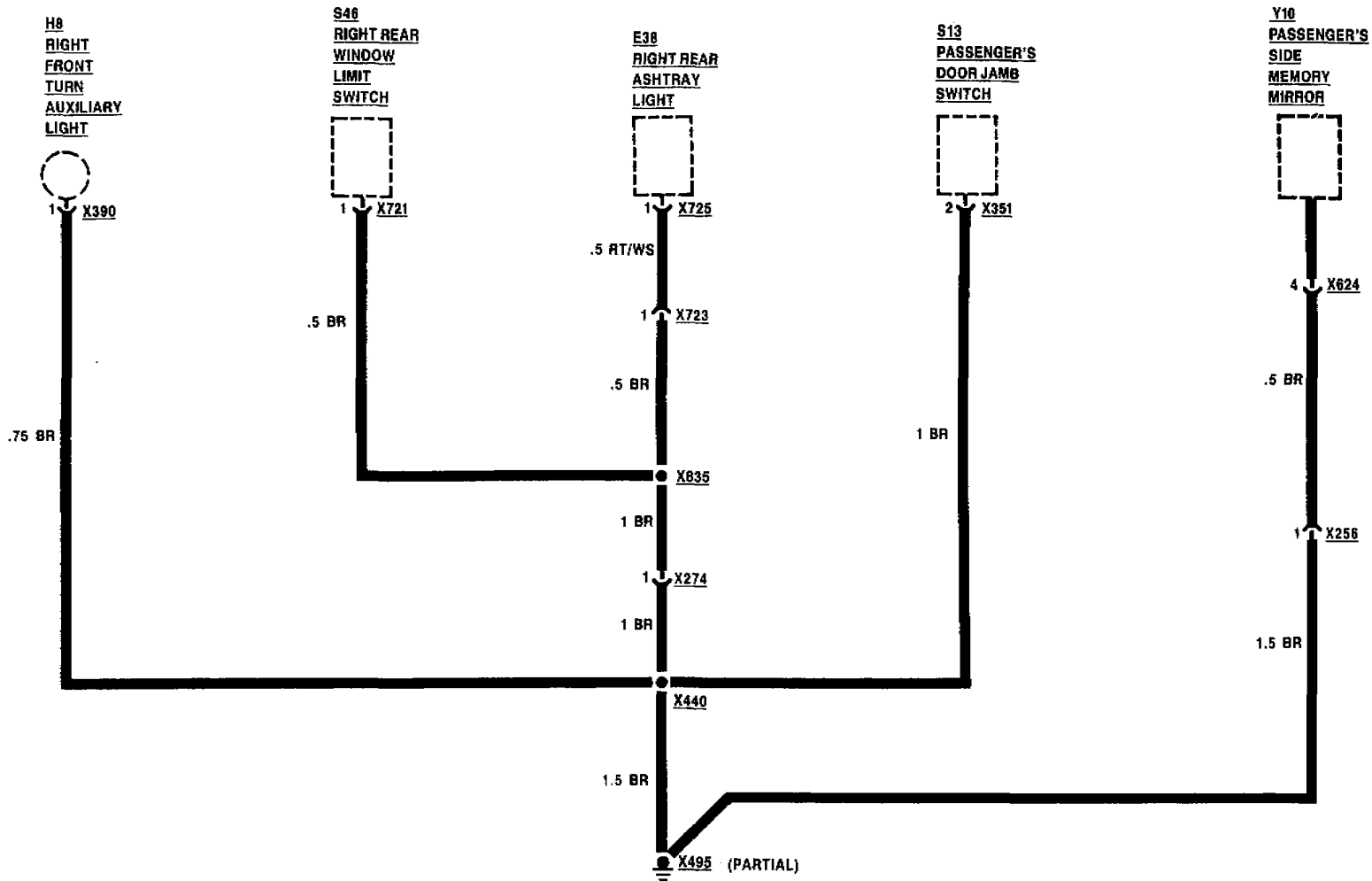






# GROUND DISTRIBUTION

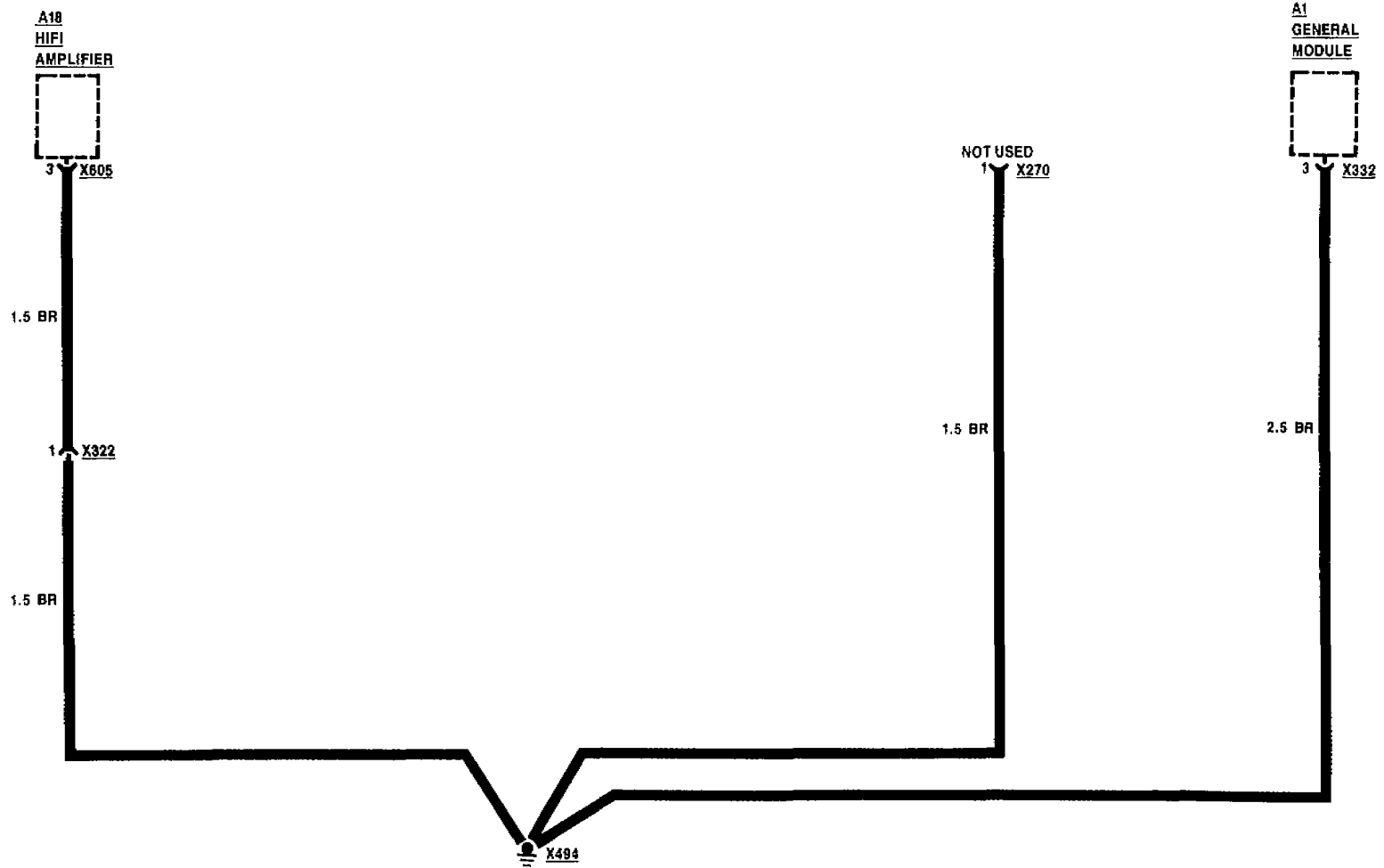
## GROUND X495





# GROUND DISTRIBUTION

## GROUND X494

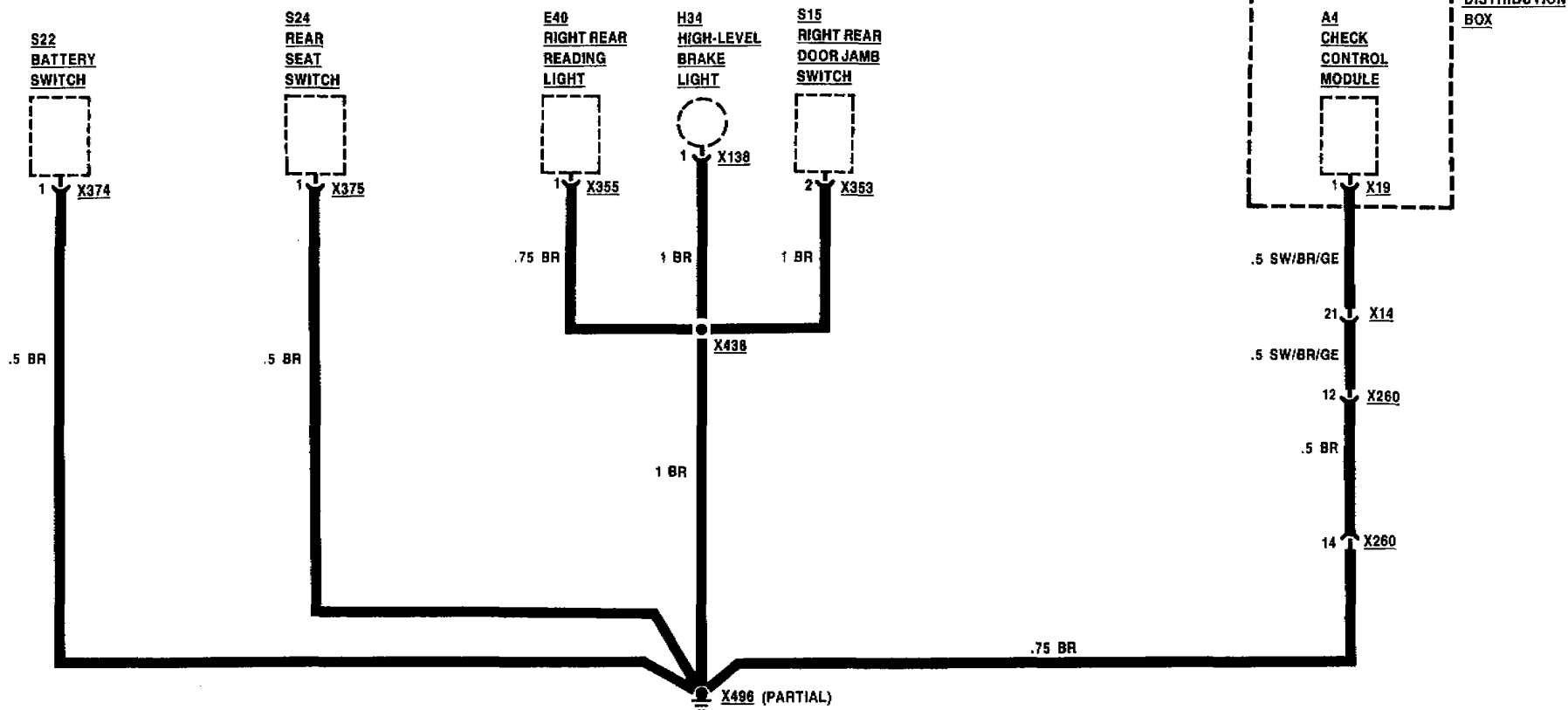




# GROUND DISTRIBUTION

## GROUND X496

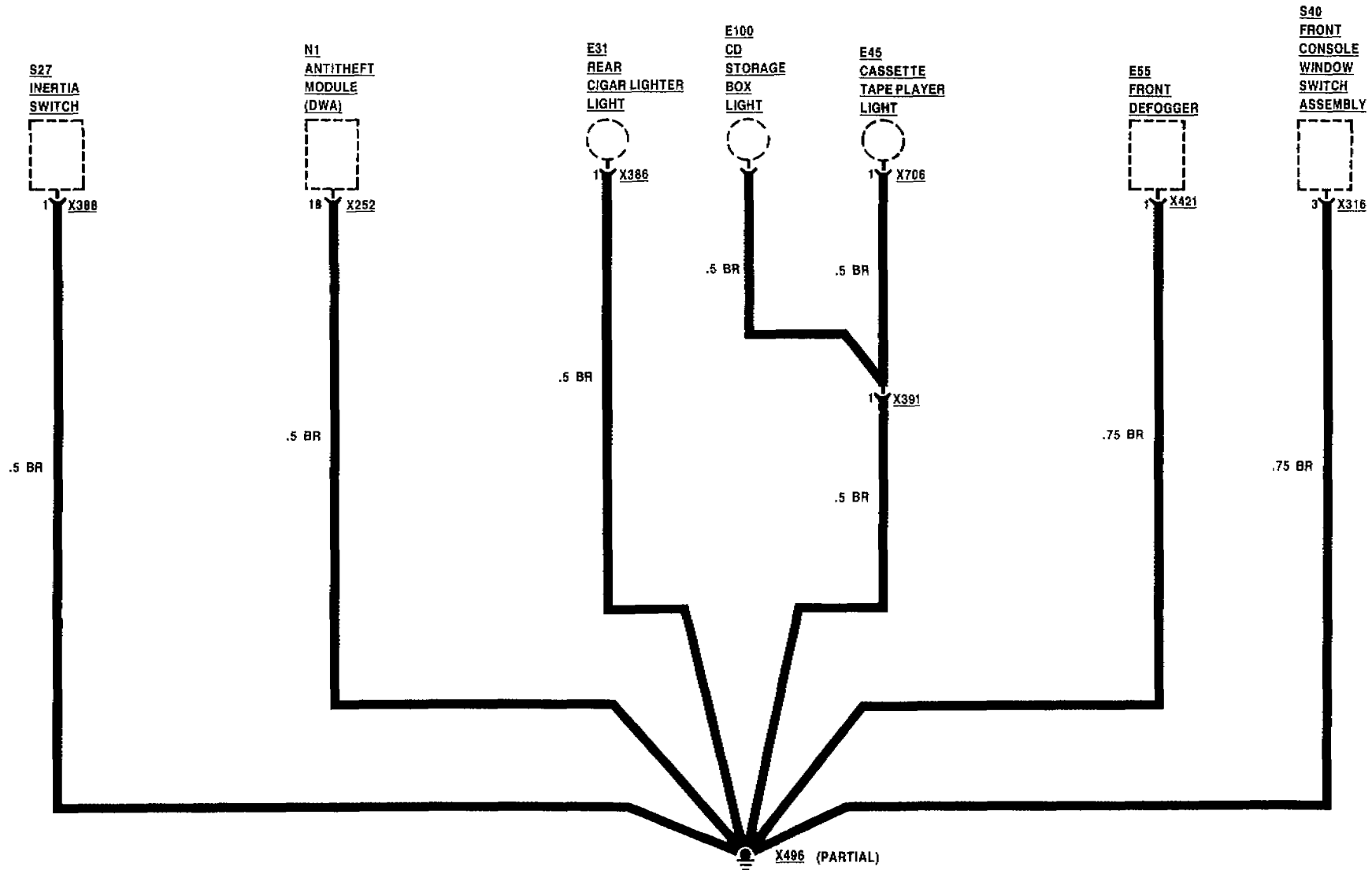
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# GROUND DISTRIBUTION

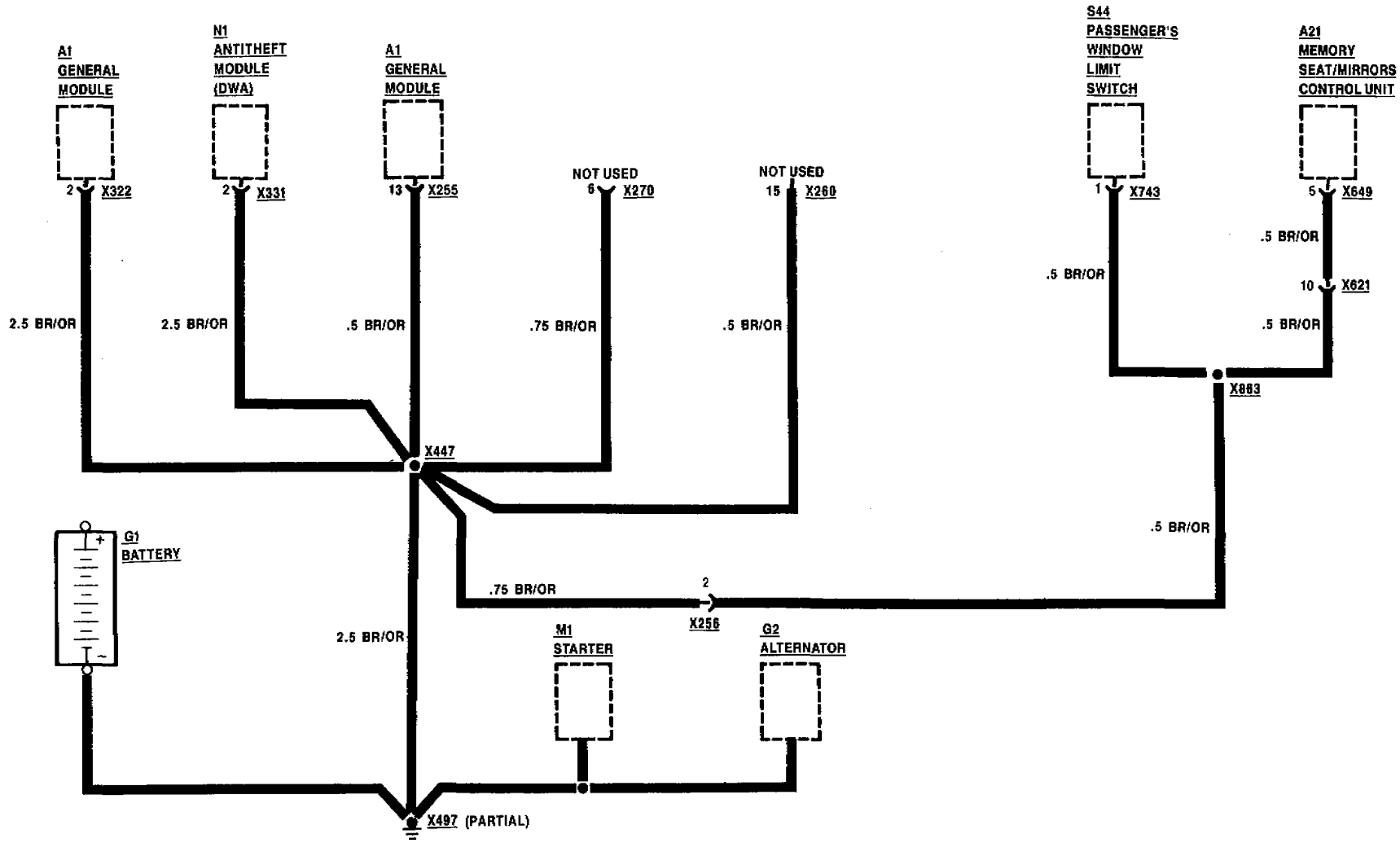
## GROUND X496





# GROUND DISTRIBUTION

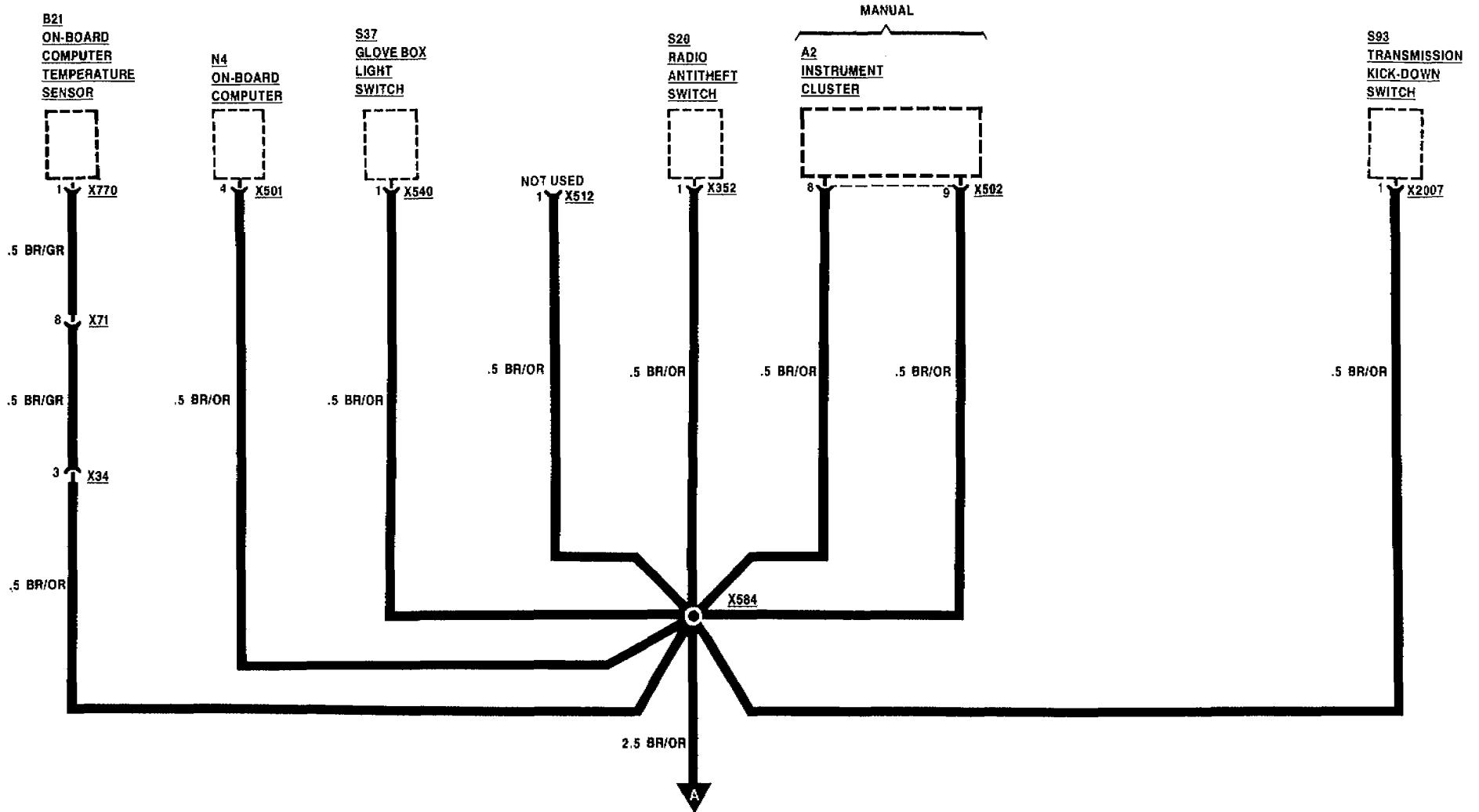
## GROUND X497







# GROUND DISTRIBUTION GROUND X497

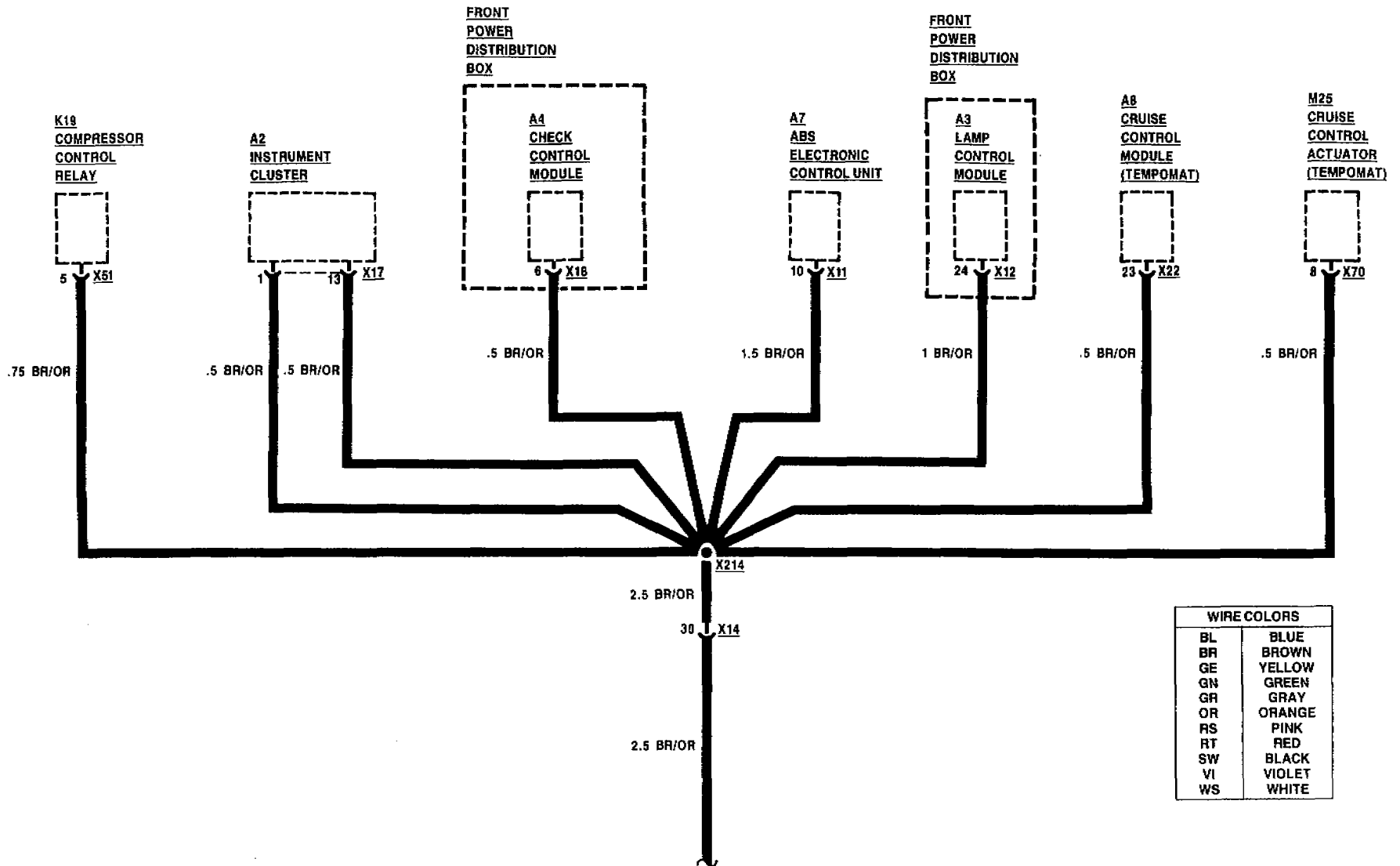


0672-23

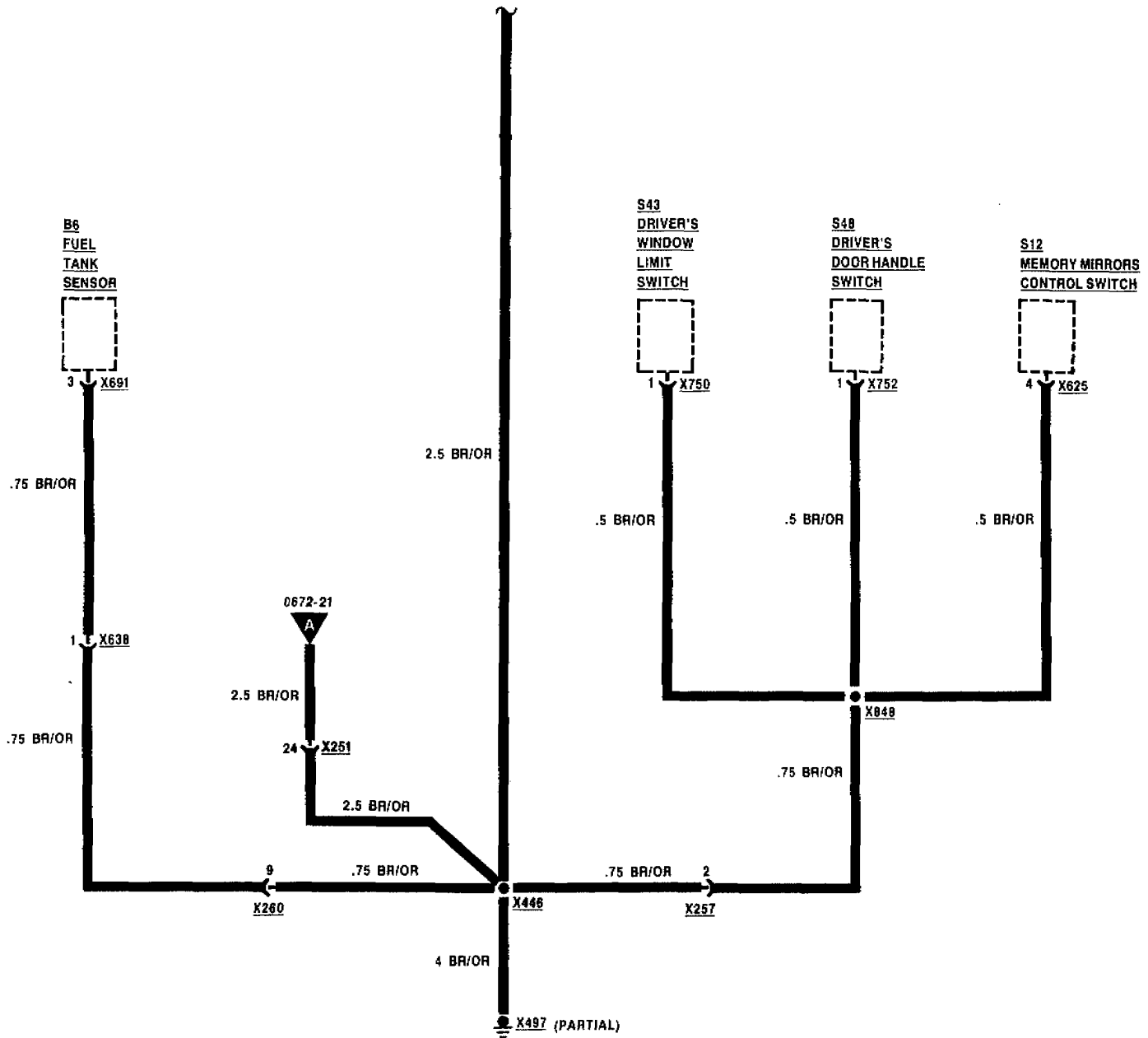


# GROUND DISTRIBUTION

## GROUND X497



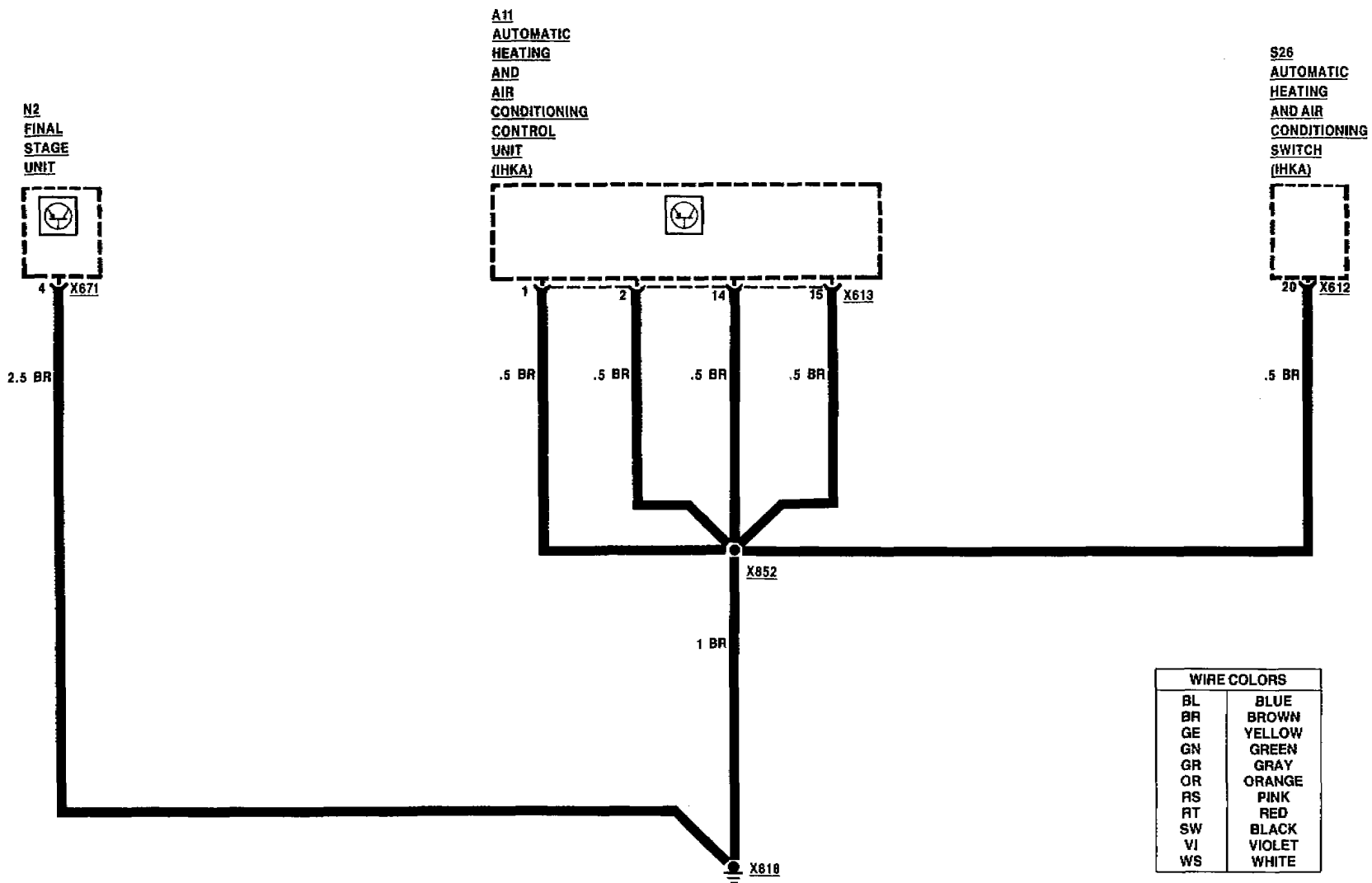
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# GROUND DISTRIBUTION

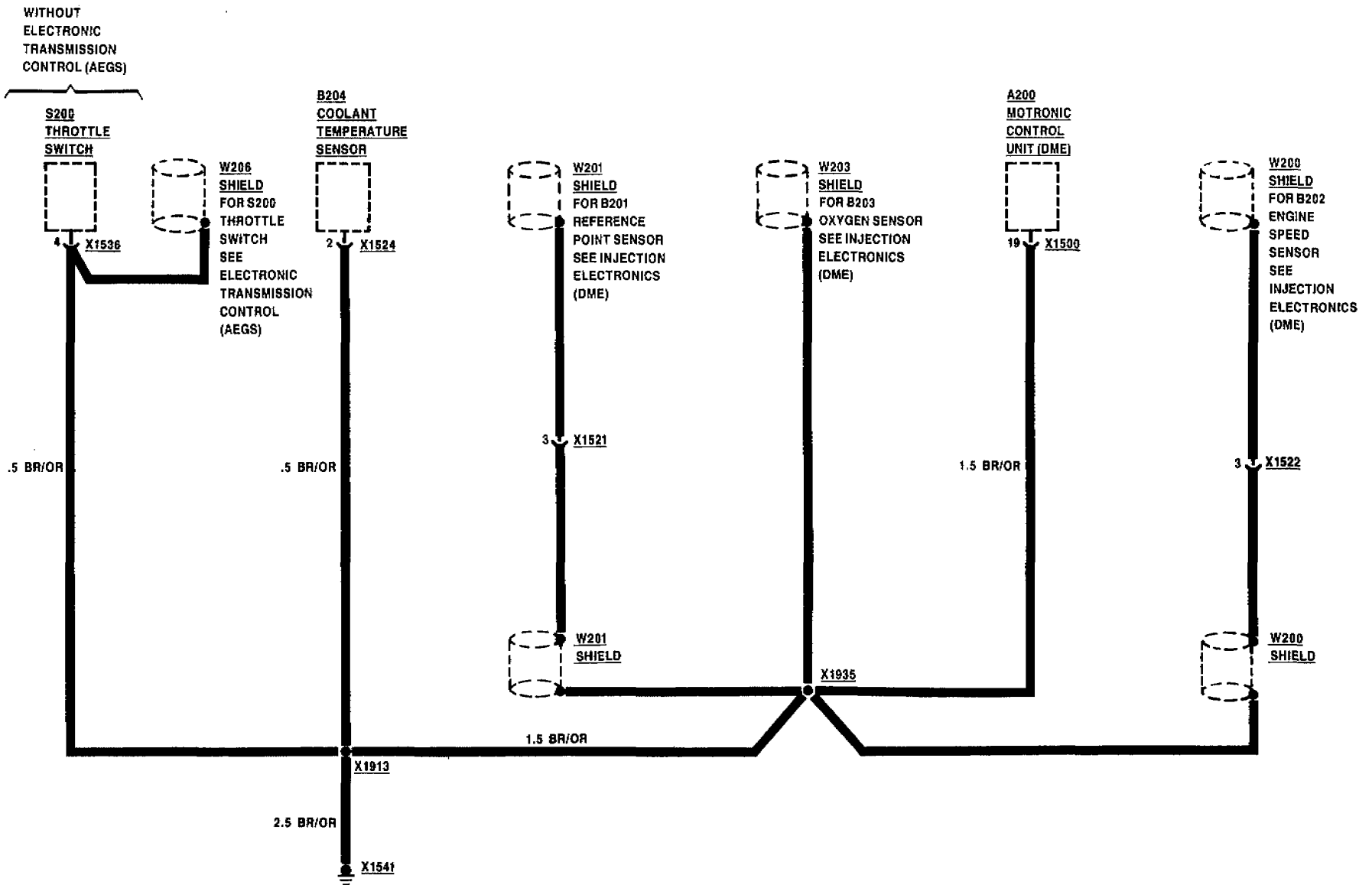
## GROUND X818





# GROUND DISTRIBUTION

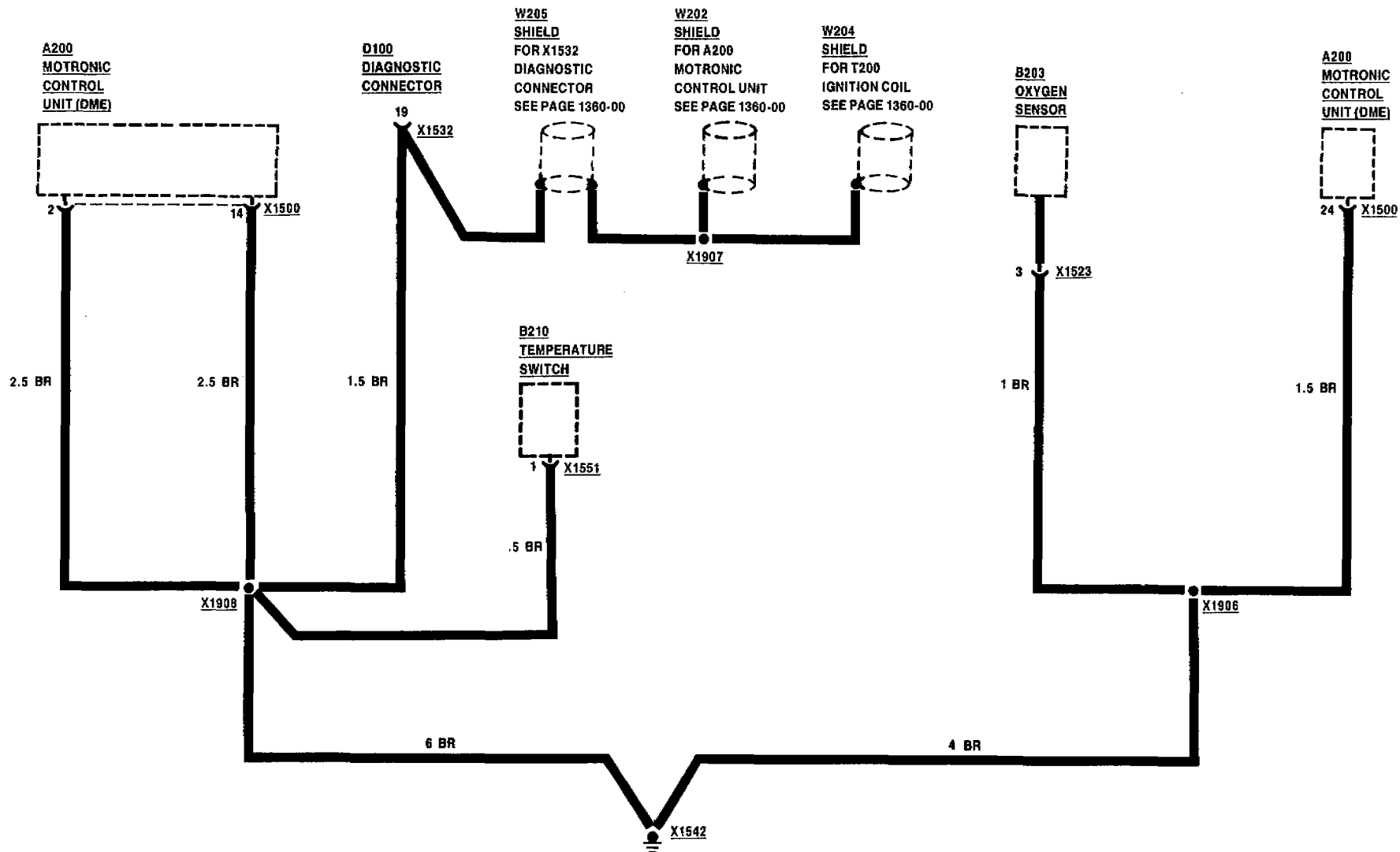
## GROUND X1541





# GROUND DISTRIBUTION

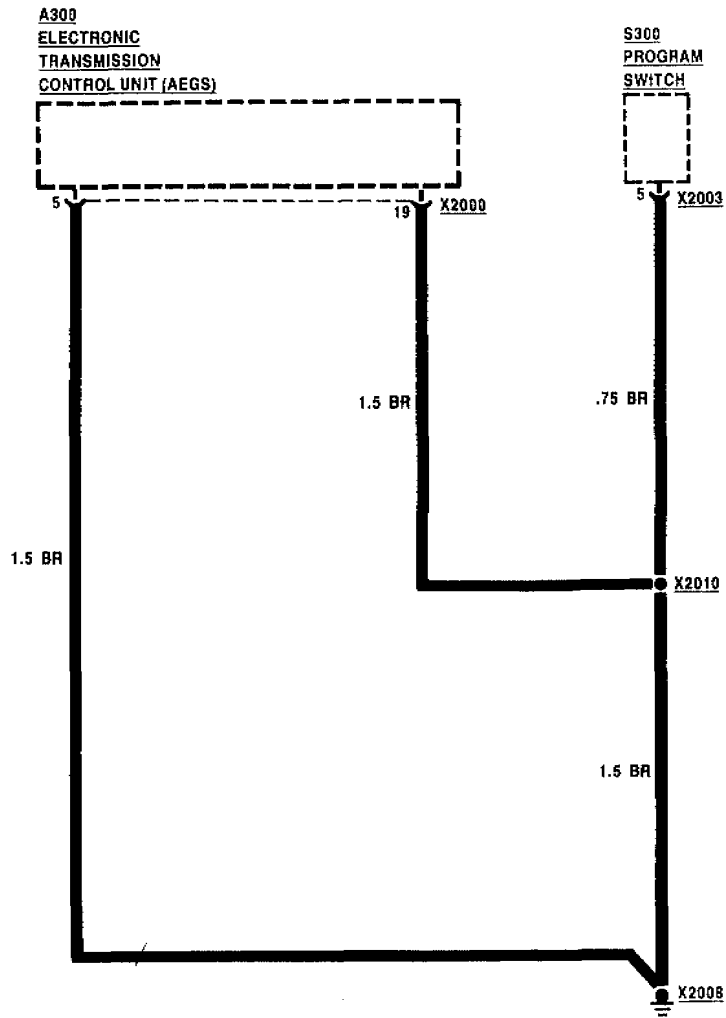
## GROUND X1542





# GROUND DISTRIBUTION

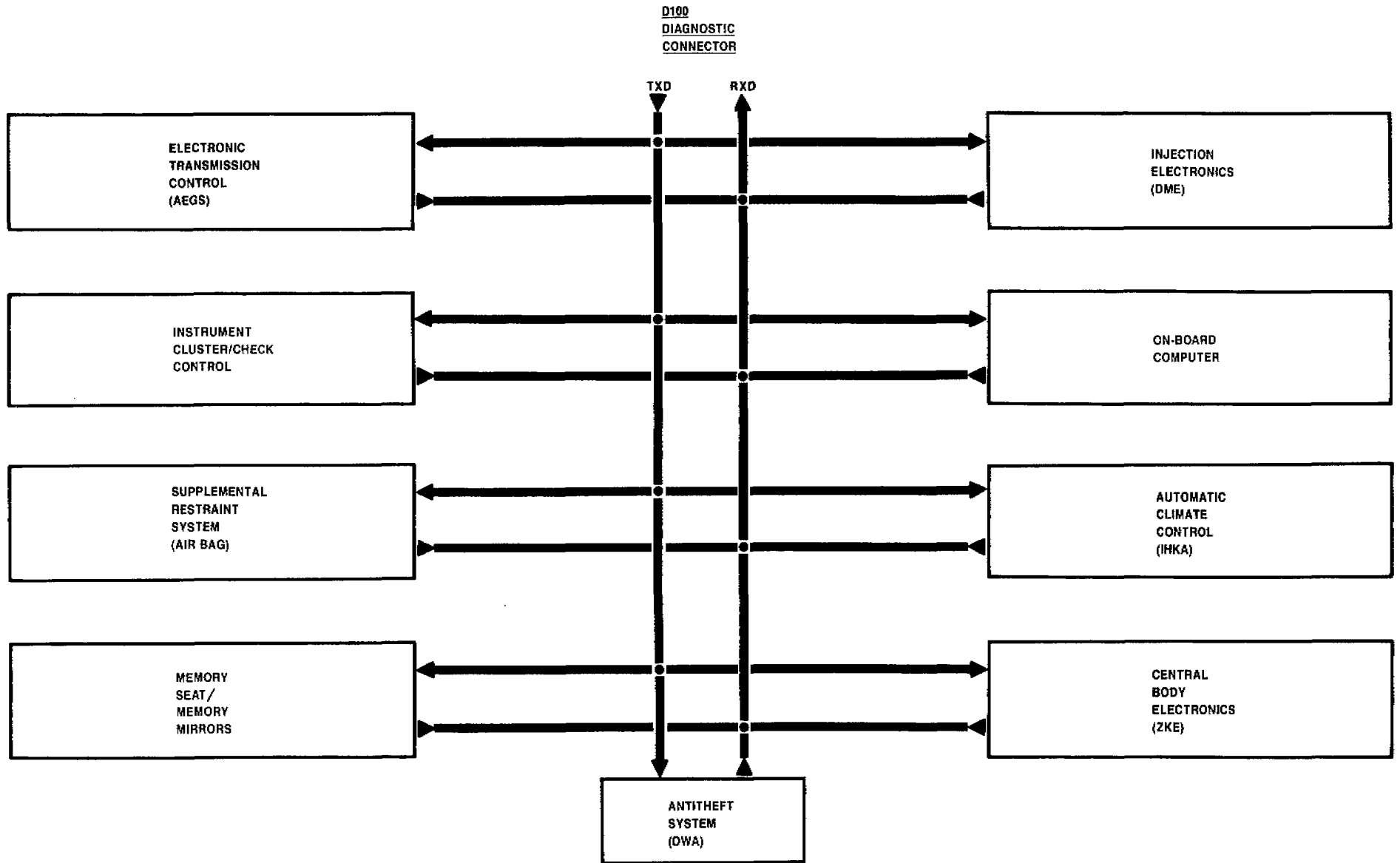
## GROUND X2008



02/87 ————— 0672-27 ————— 1988



# DIAGNOSTIC LINK BLOCK DIAGRAM

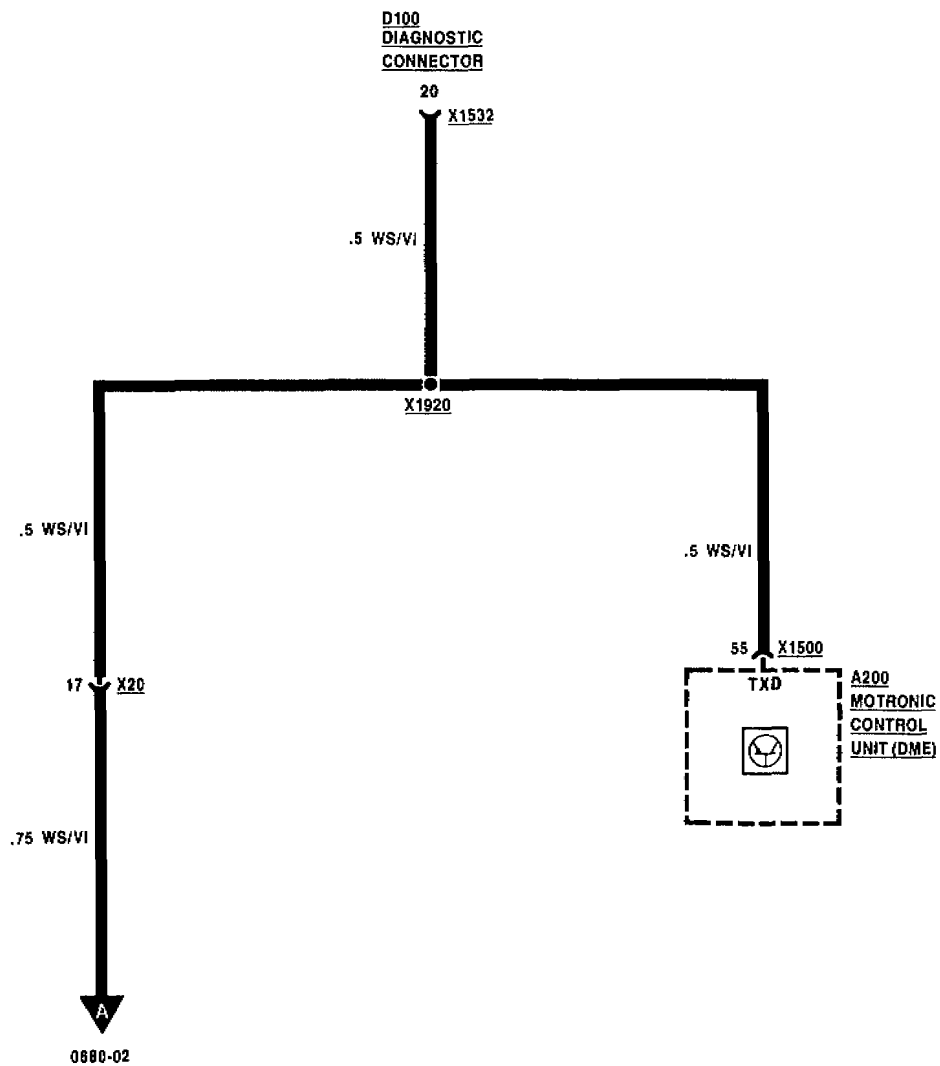






# DIAGNOSTIC LINK

## TXD

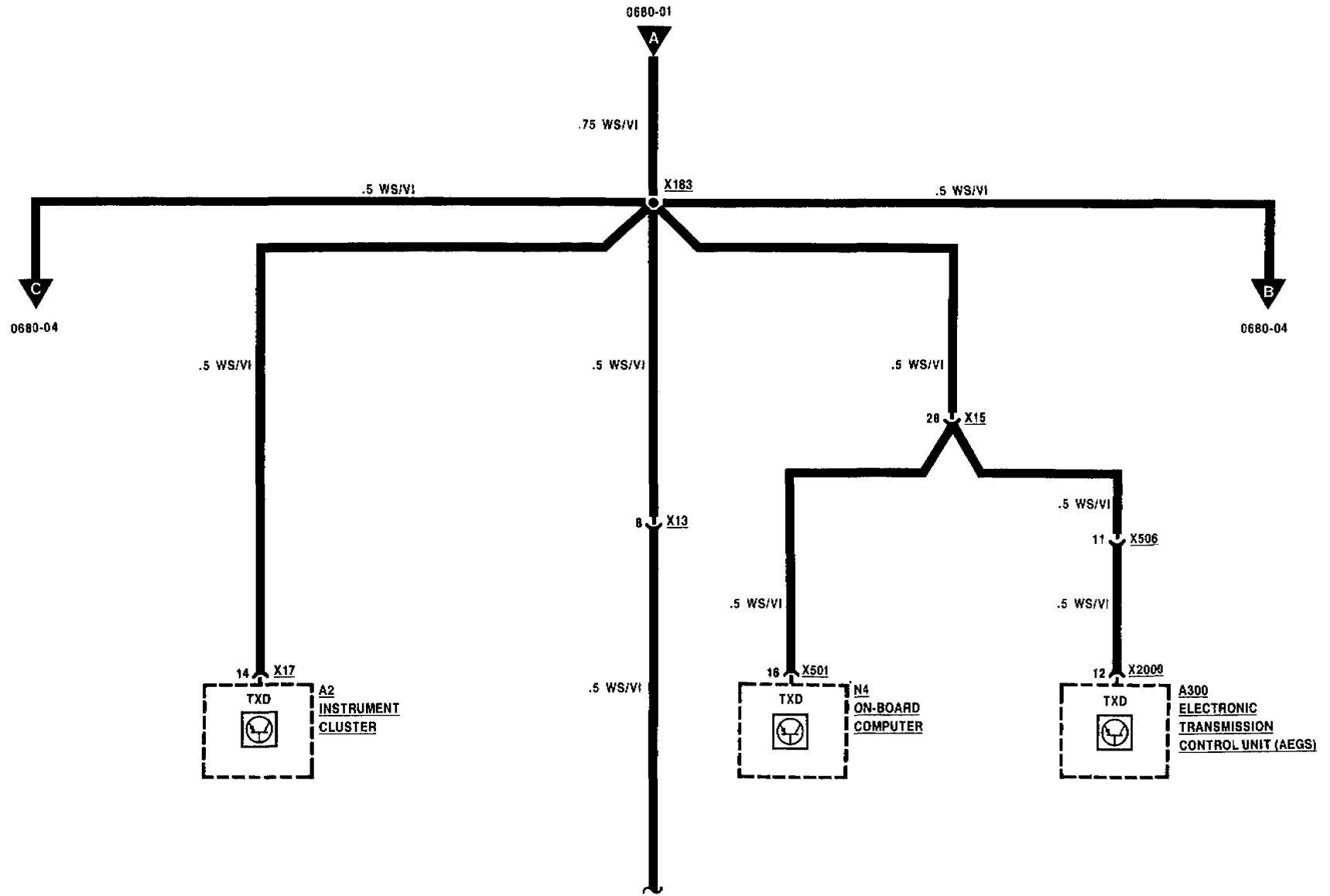


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# DIAGNOSTIC LINK

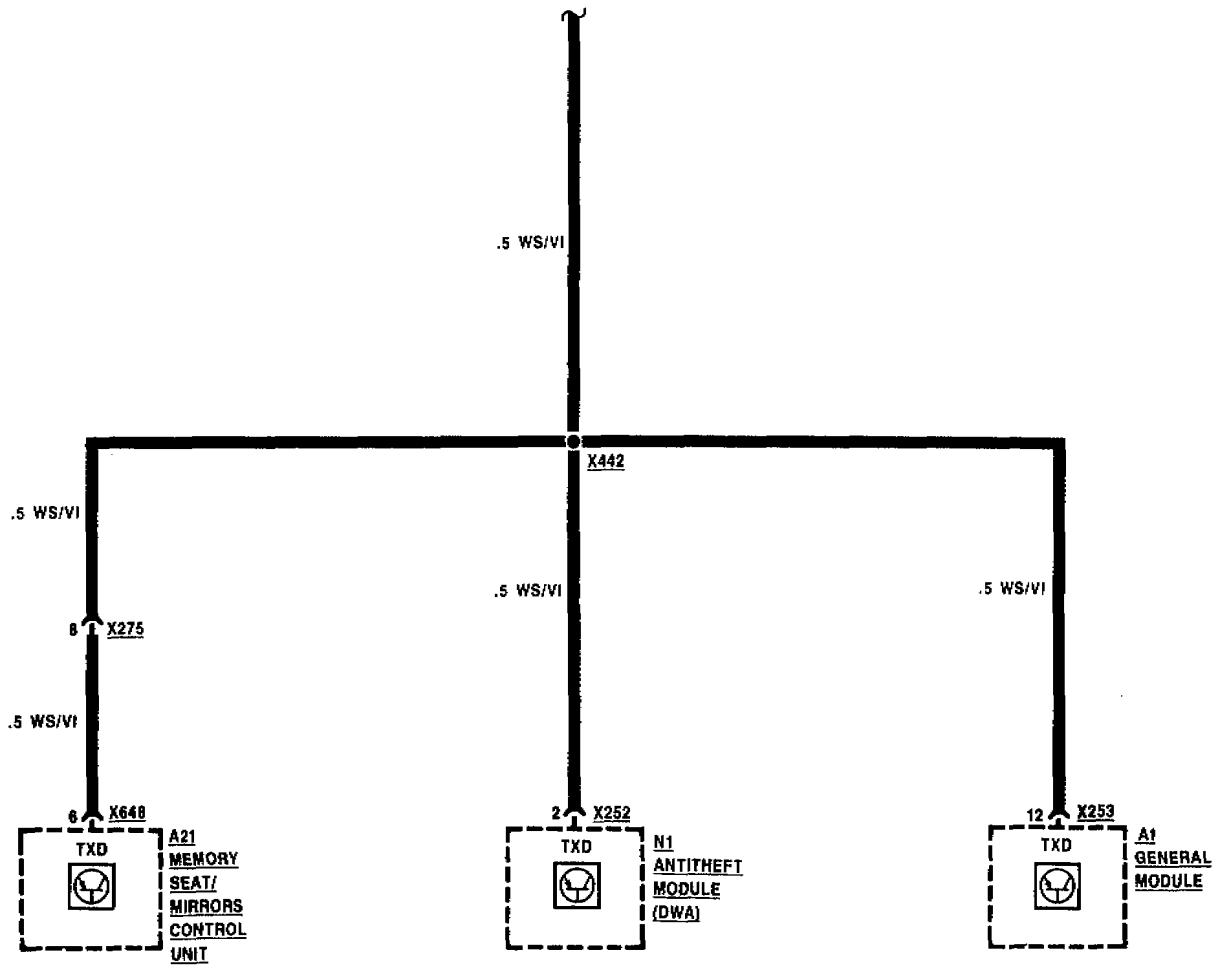
## TXD



02/87

0680-02

1988

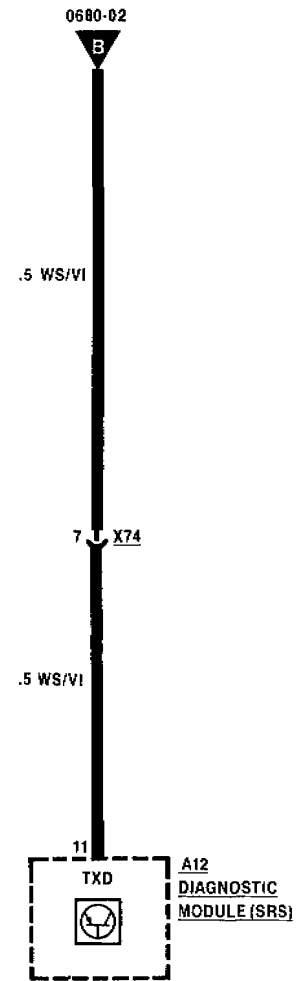
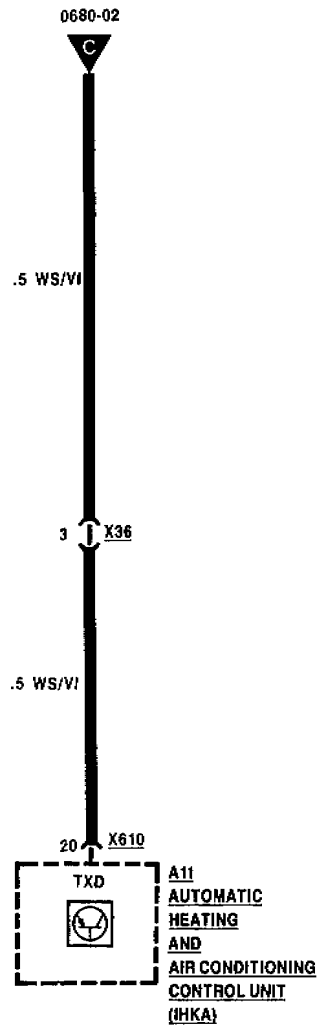


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# DIAGNOSTIC LINK

## TXD

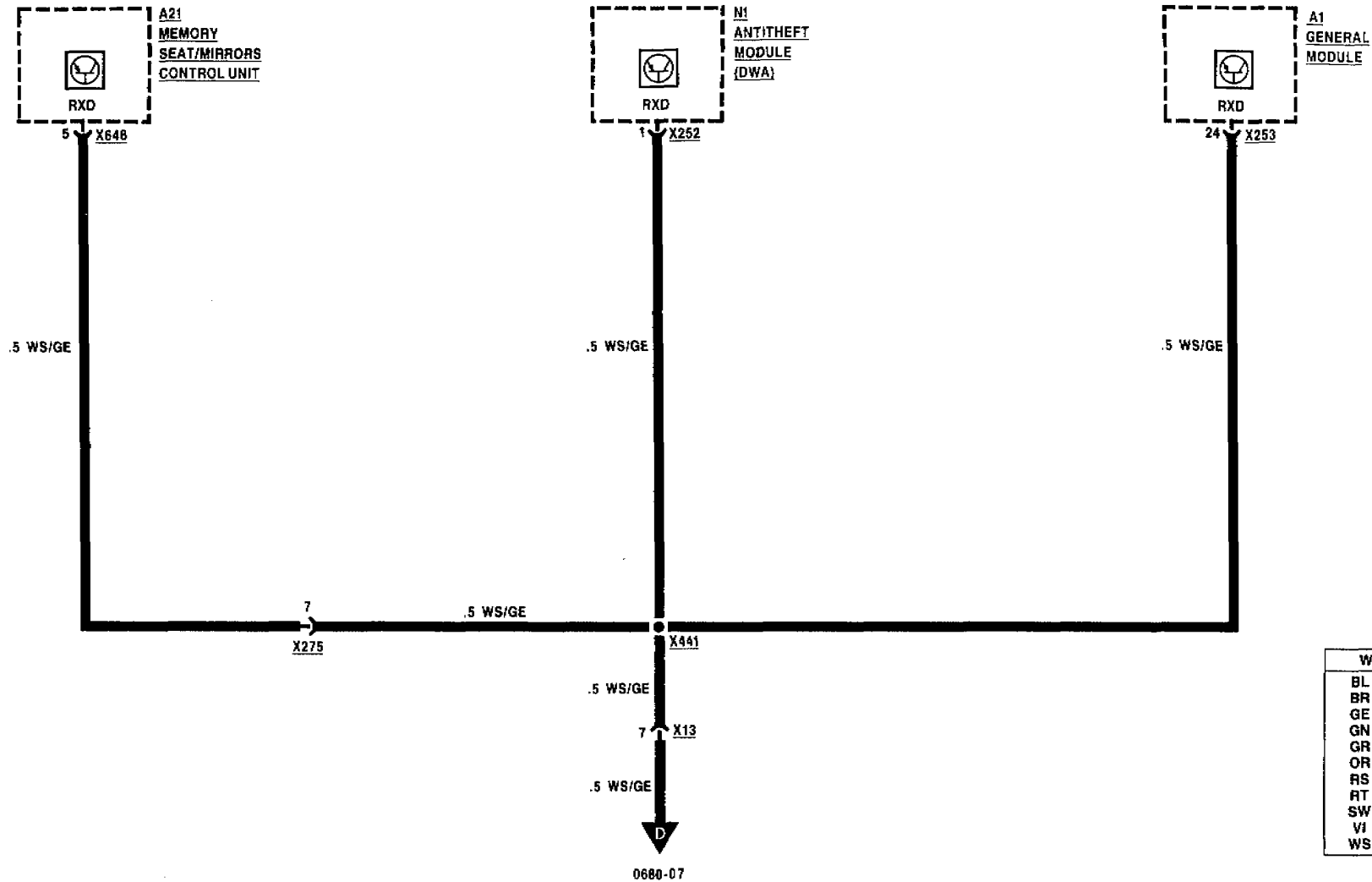


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# DIAGNOSTIC LINK

## RXD



08/87

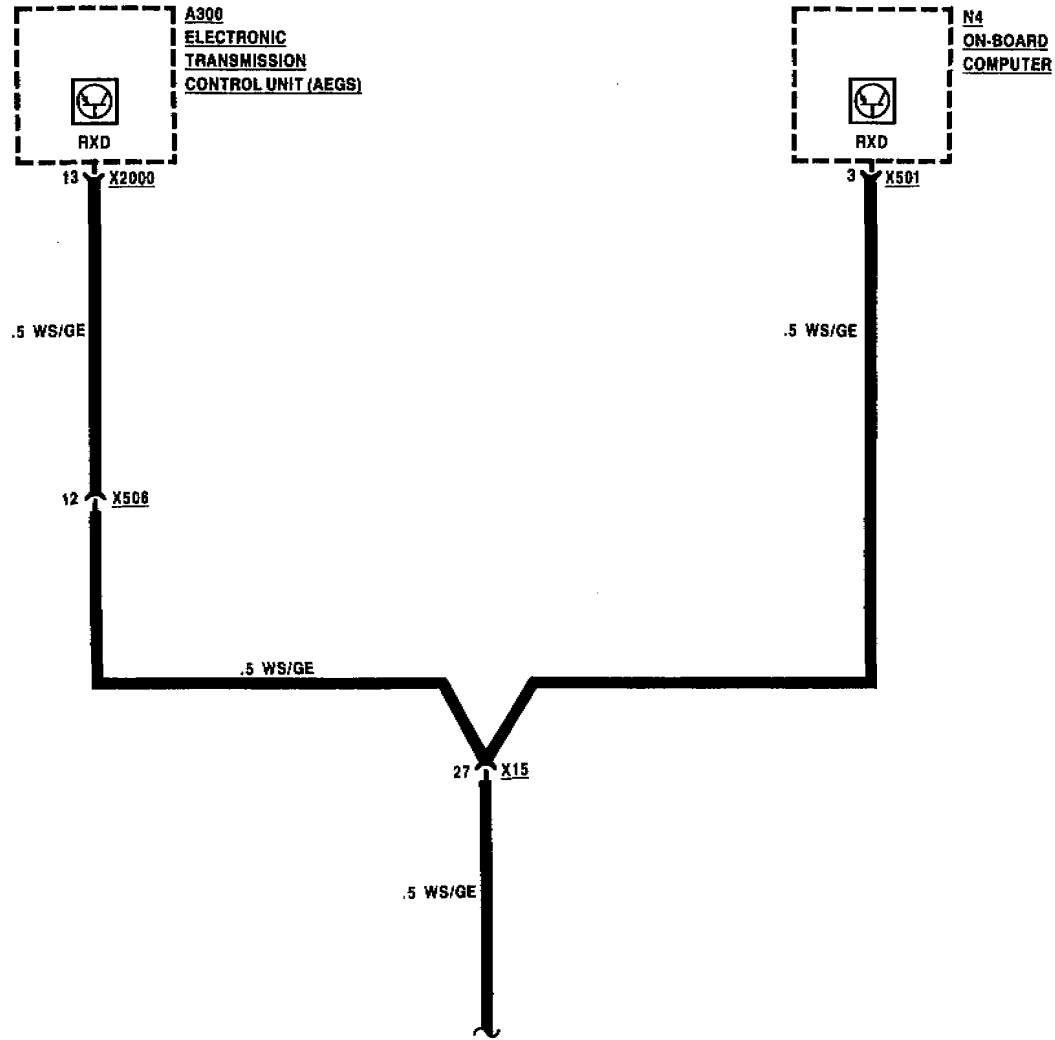
0680-05

1988

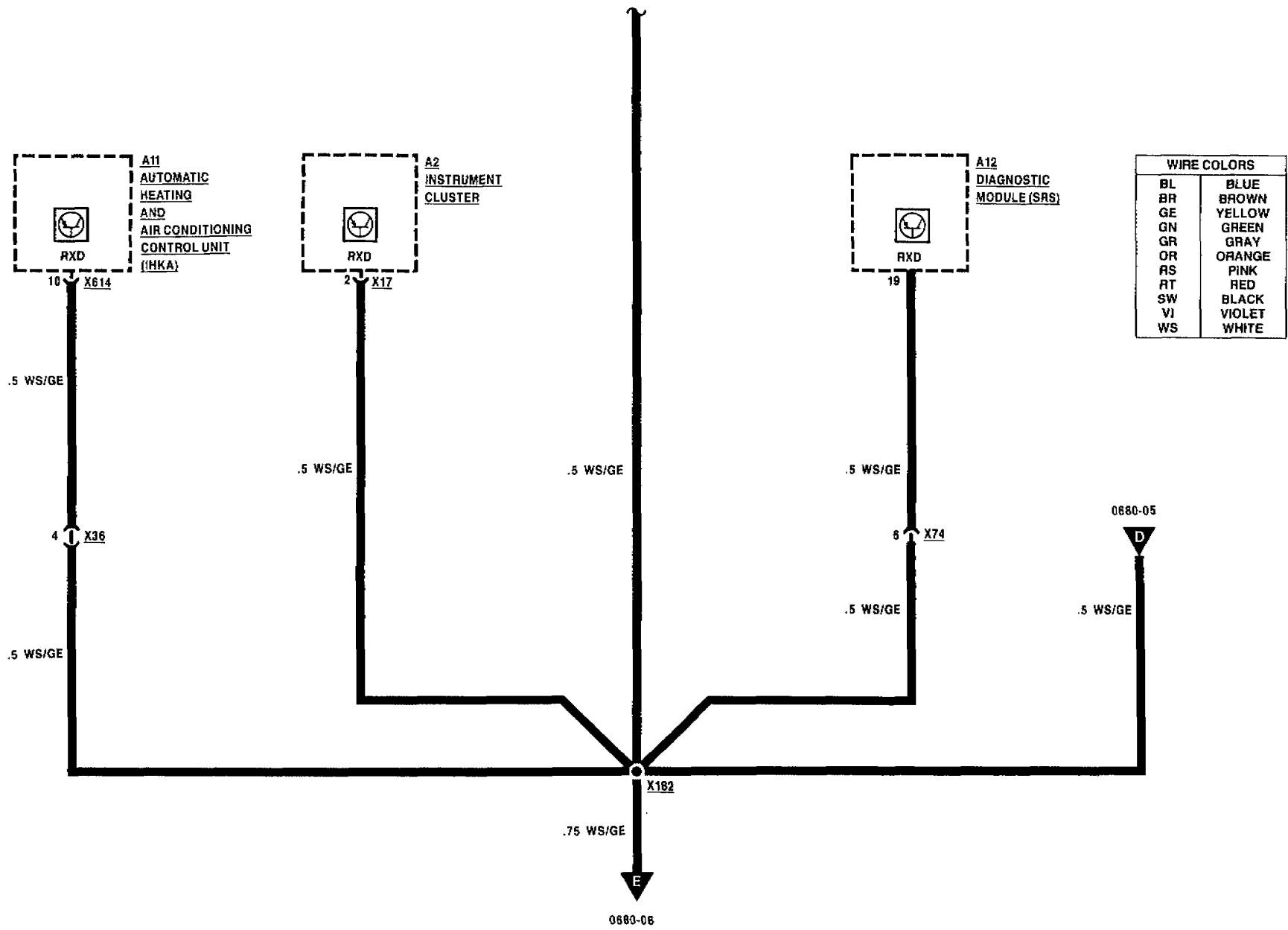


# DIAGNOSTIC LINK

## RXD



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

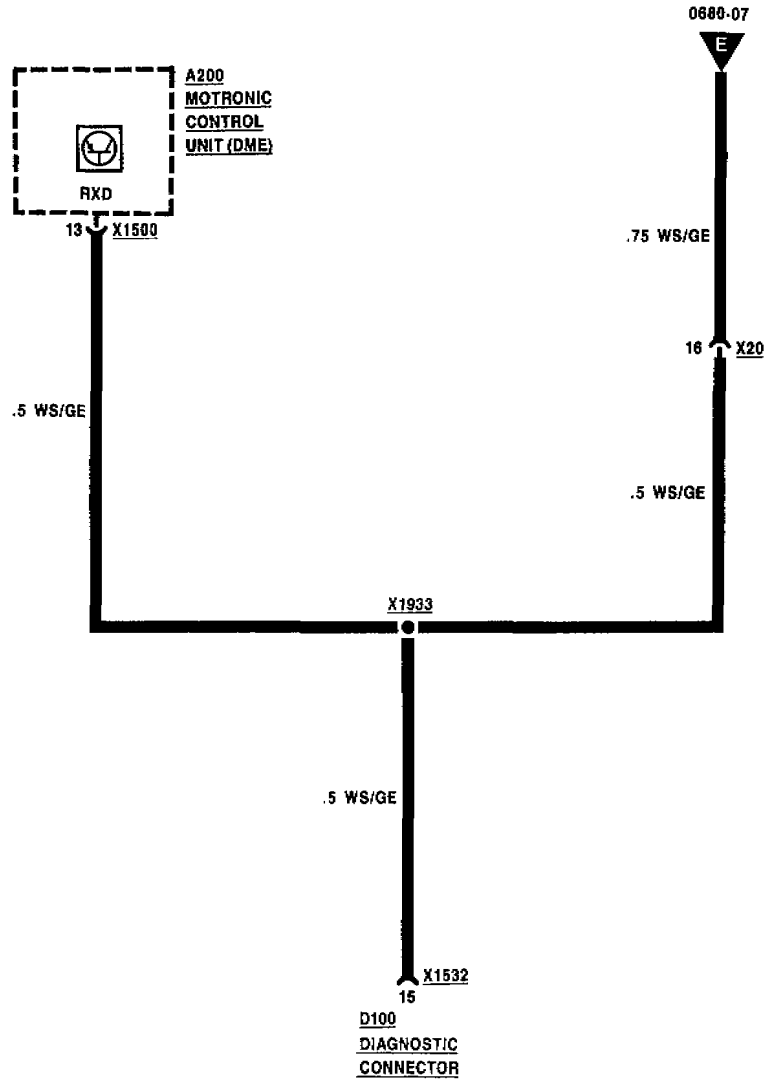


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# DIAGNOSTIC LINK

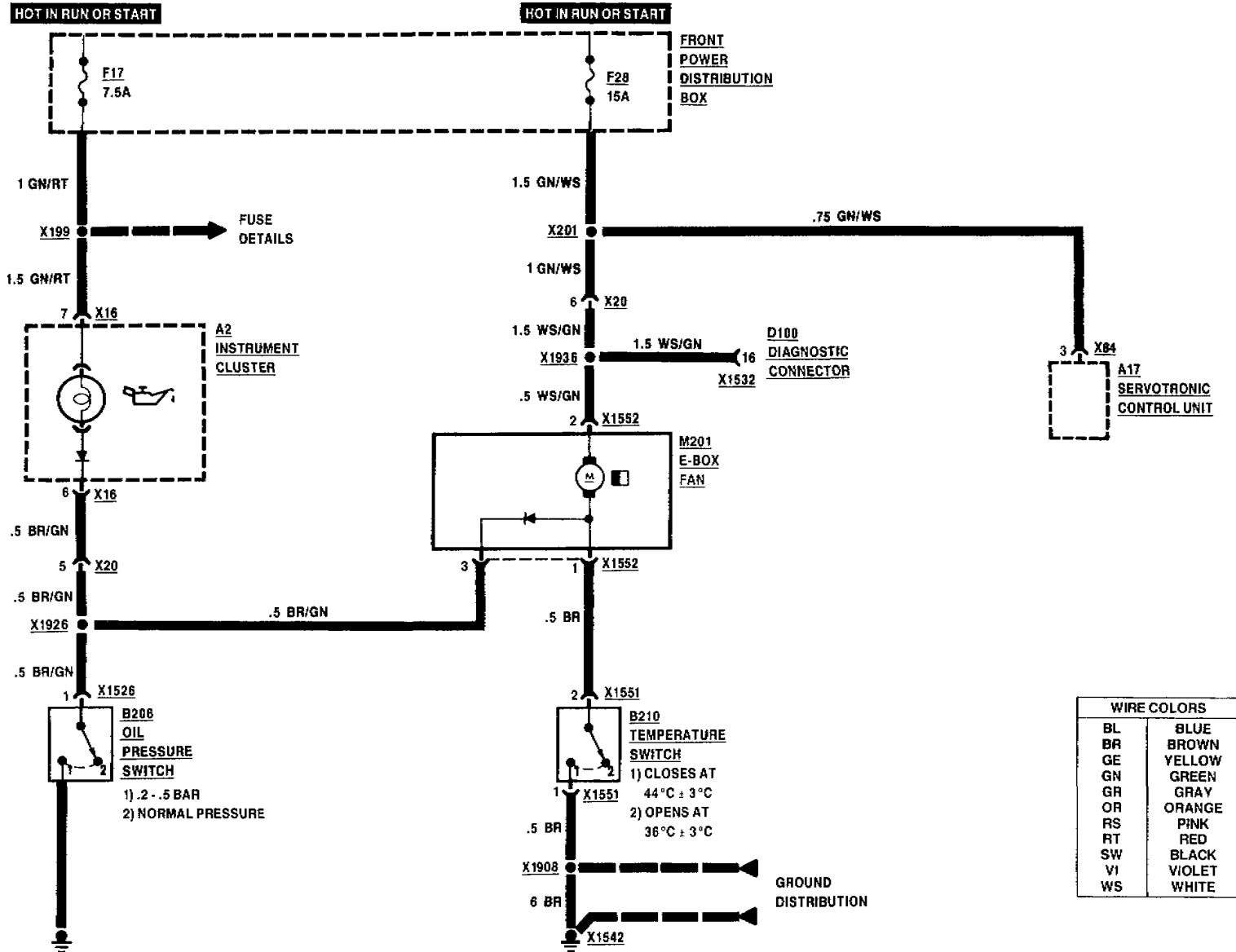
RXD



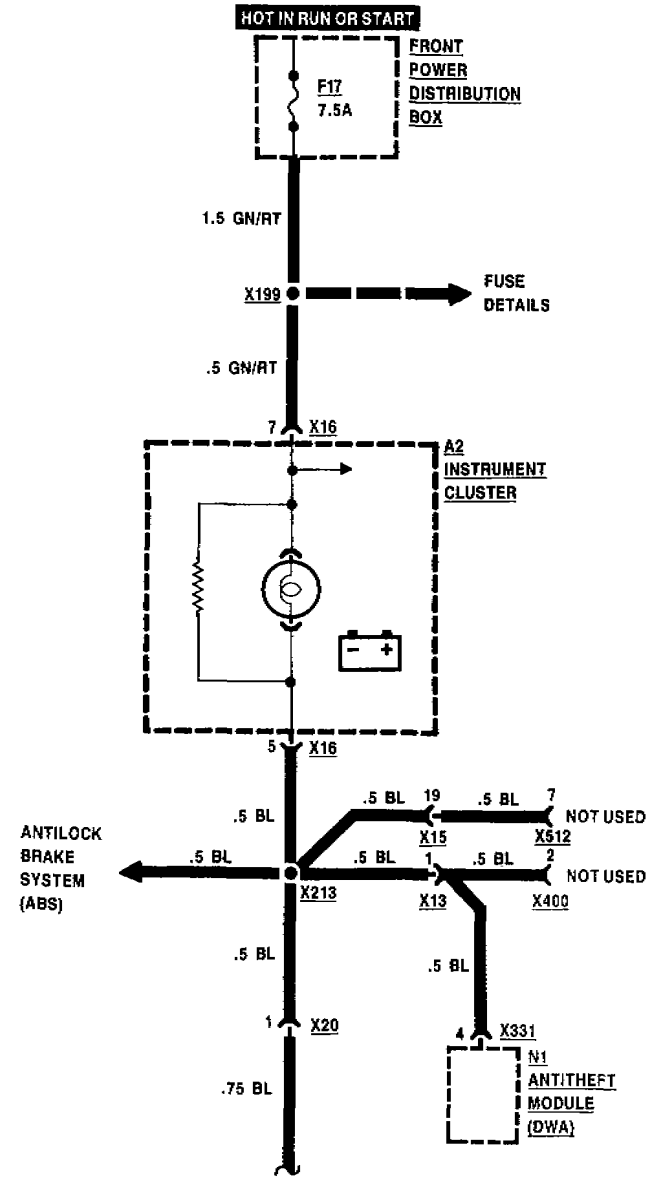
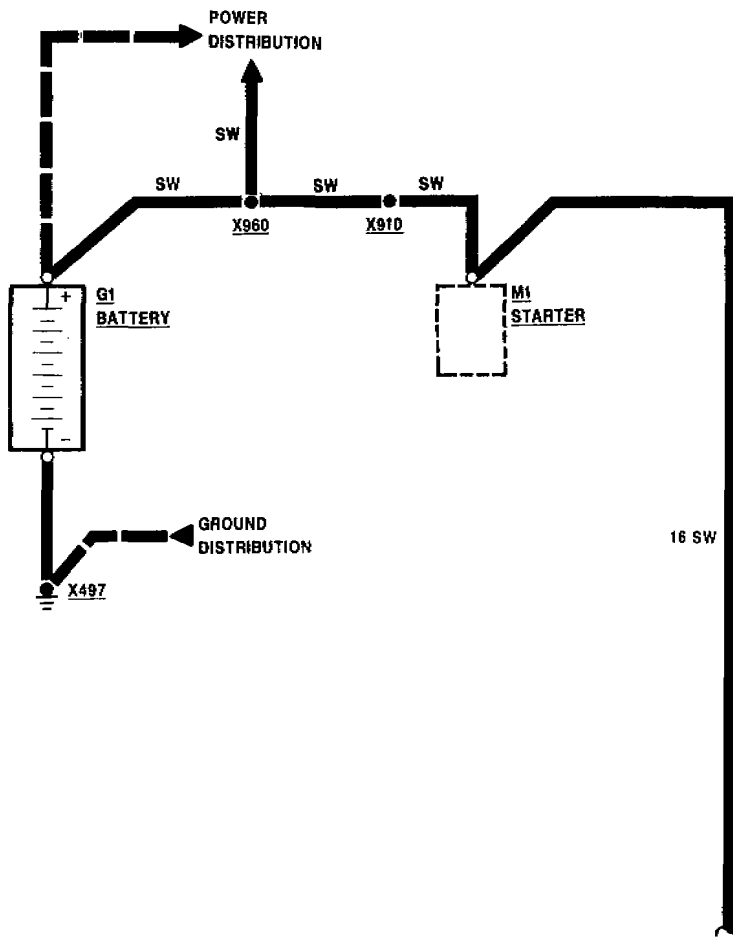
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# E-BOX FAN



**BMW 7 CHARGING SYSTEM**

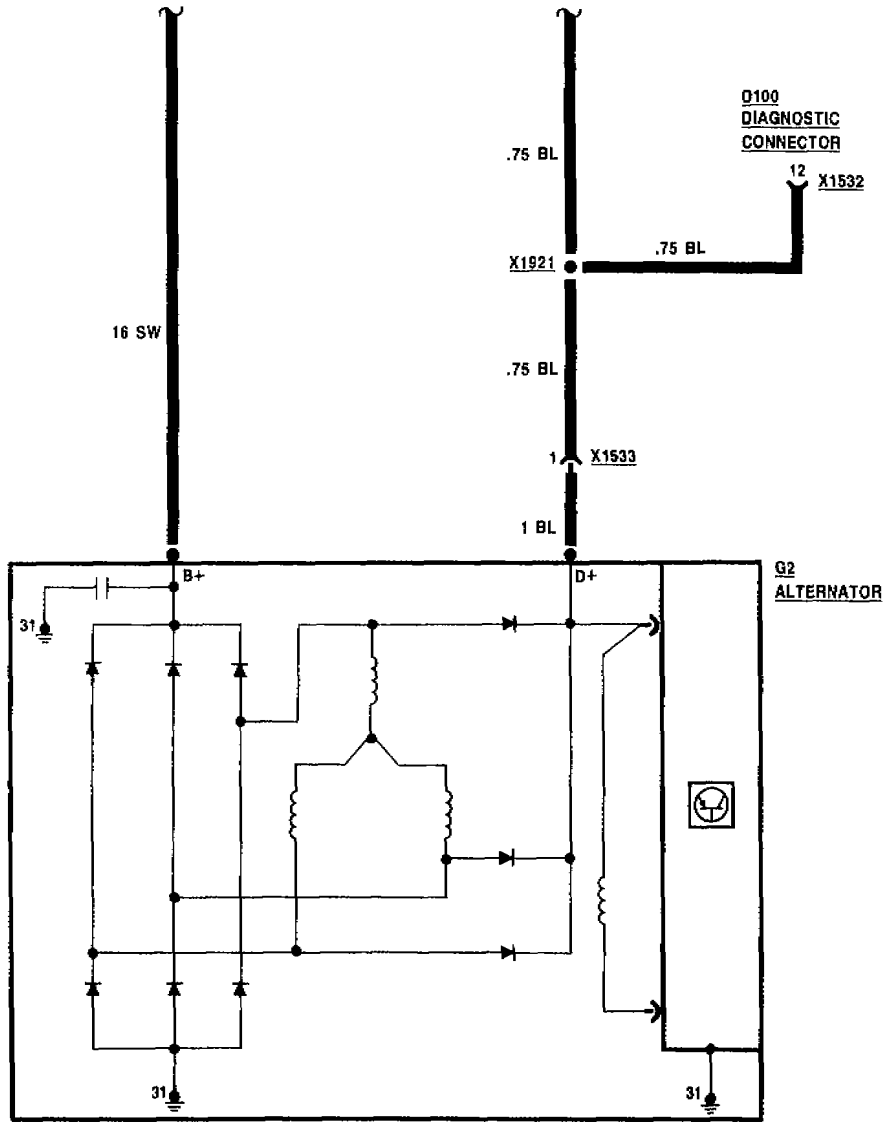


08/87

1230-00

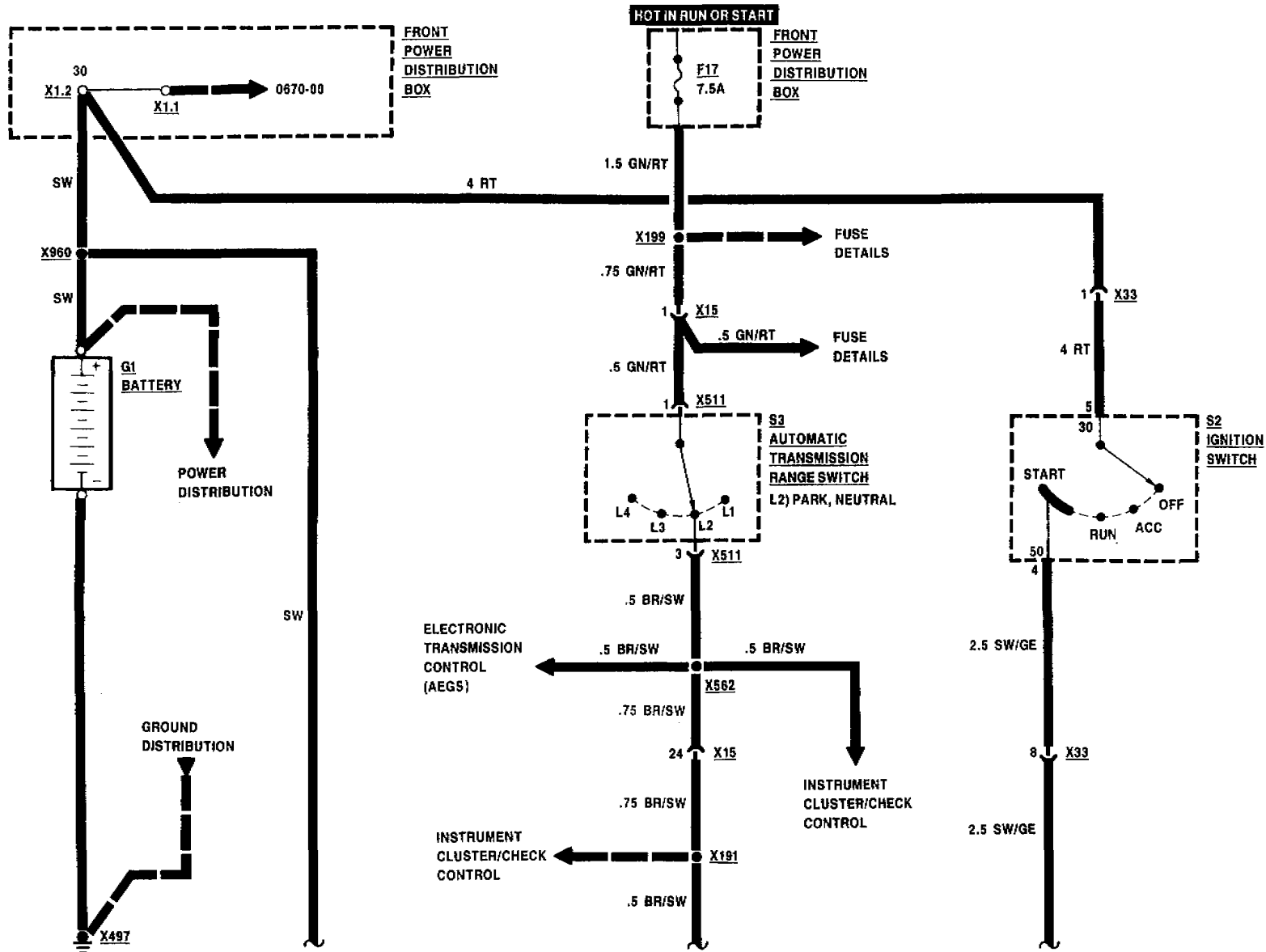
1988

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

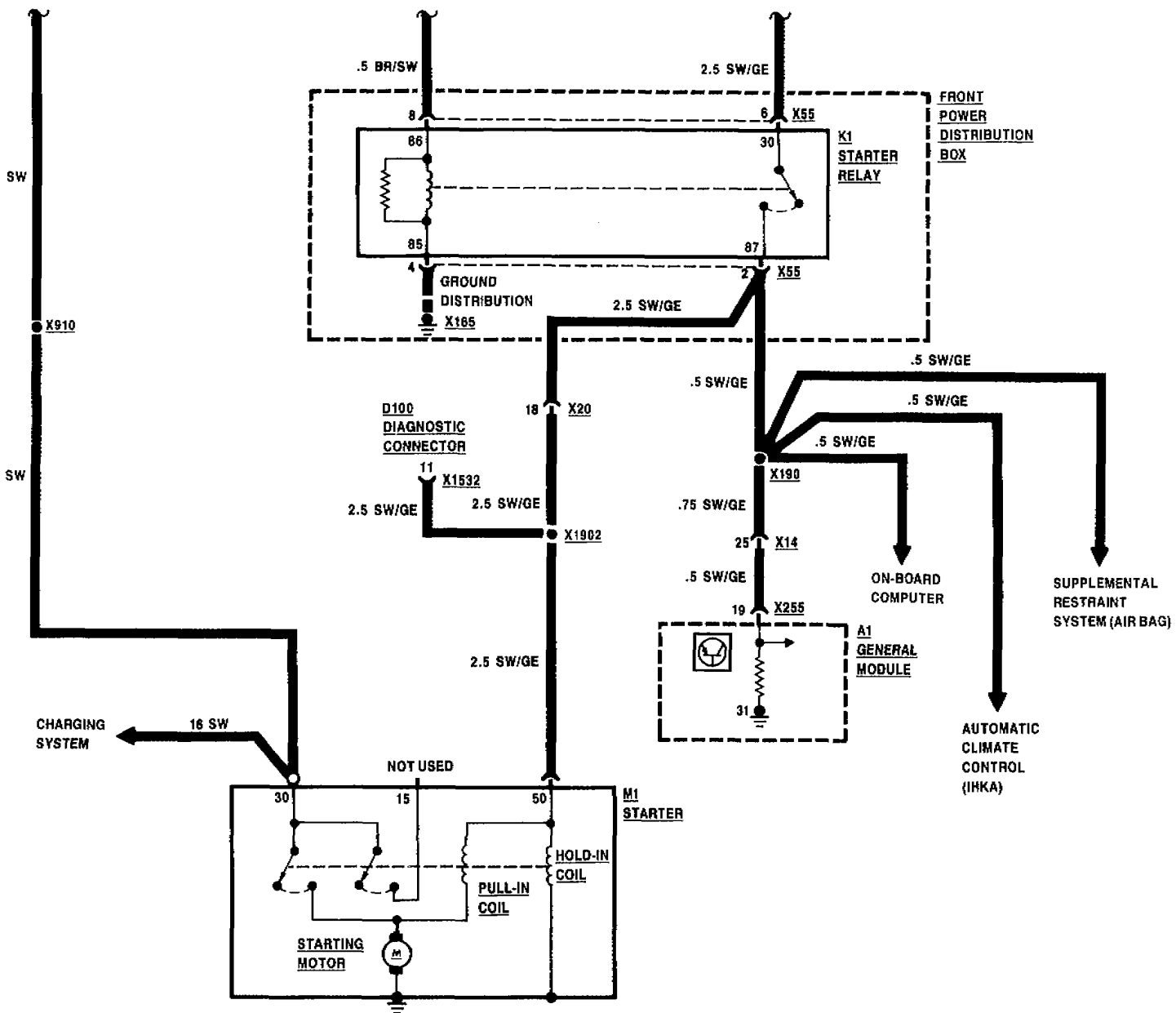




# START AUTOMATIC TRANSMISSION

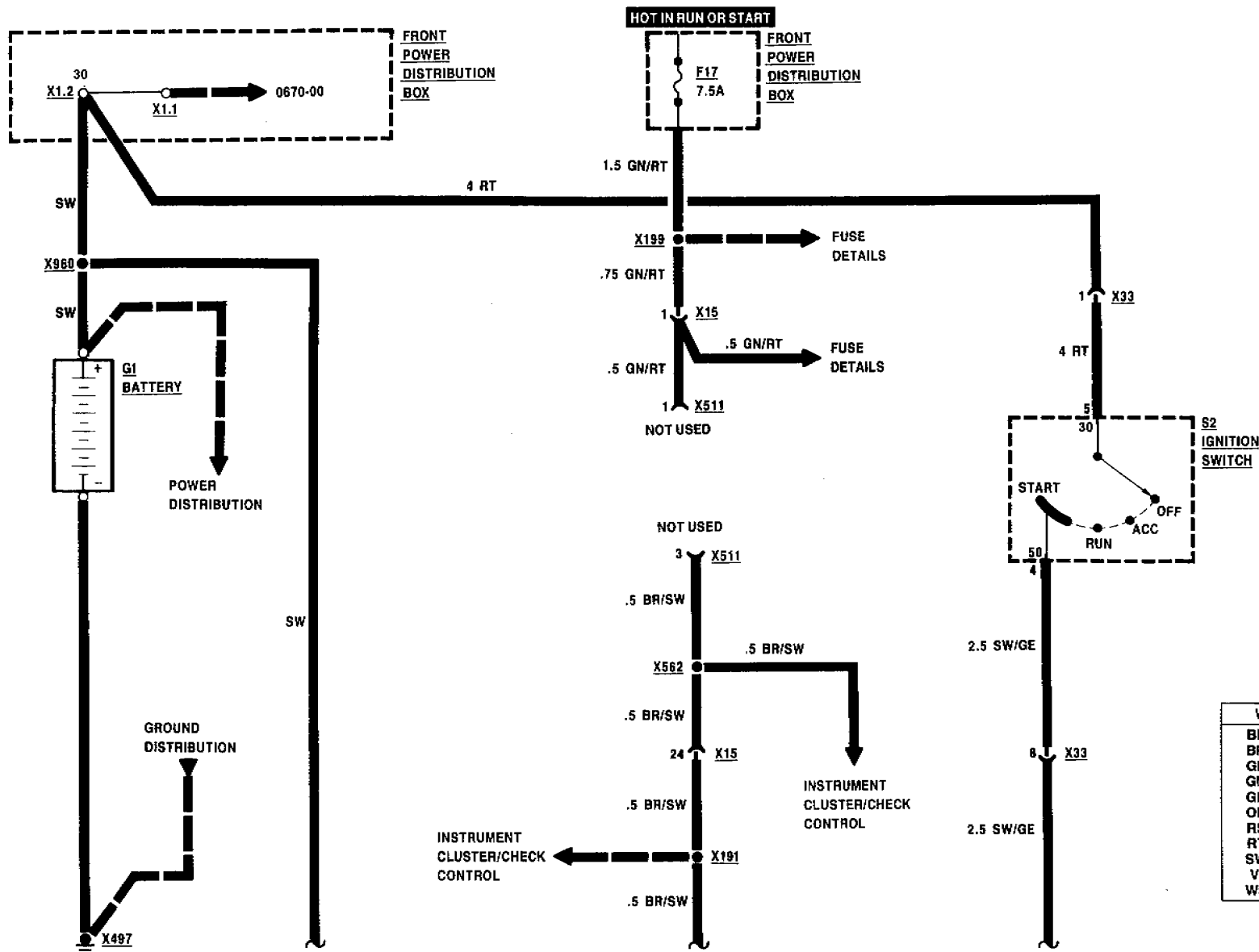


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

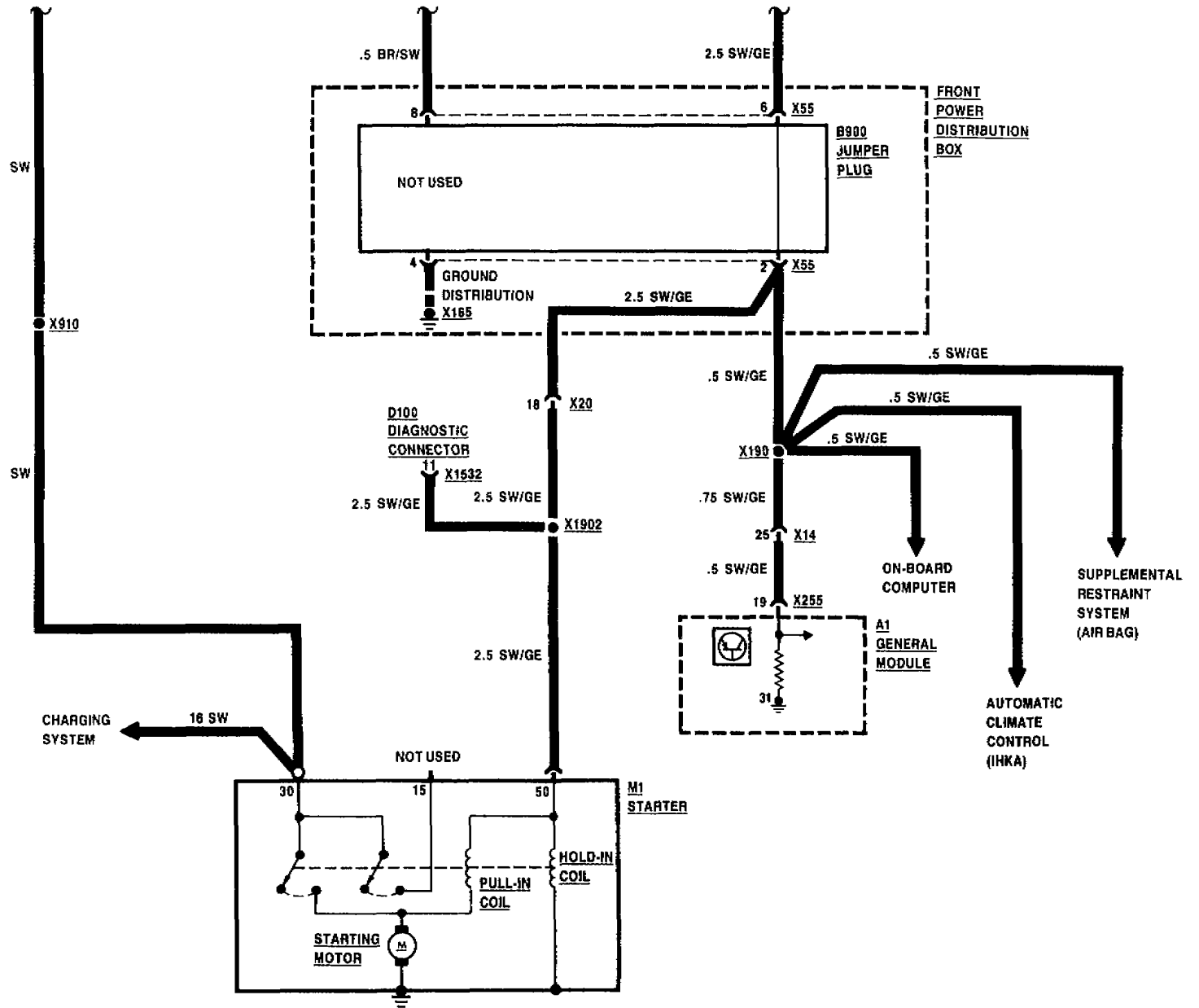




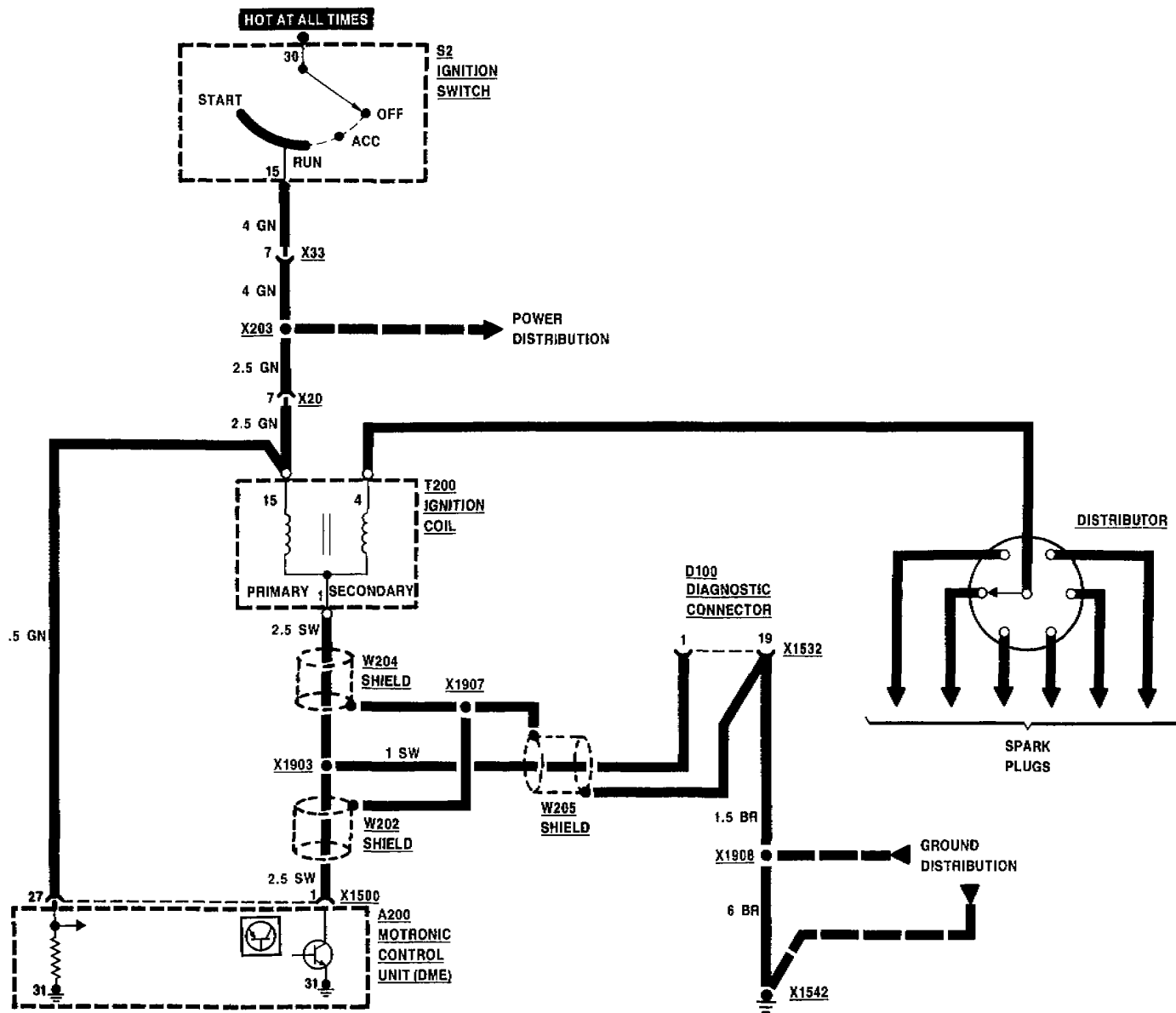
# START MANUAL TRANSMISSION



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

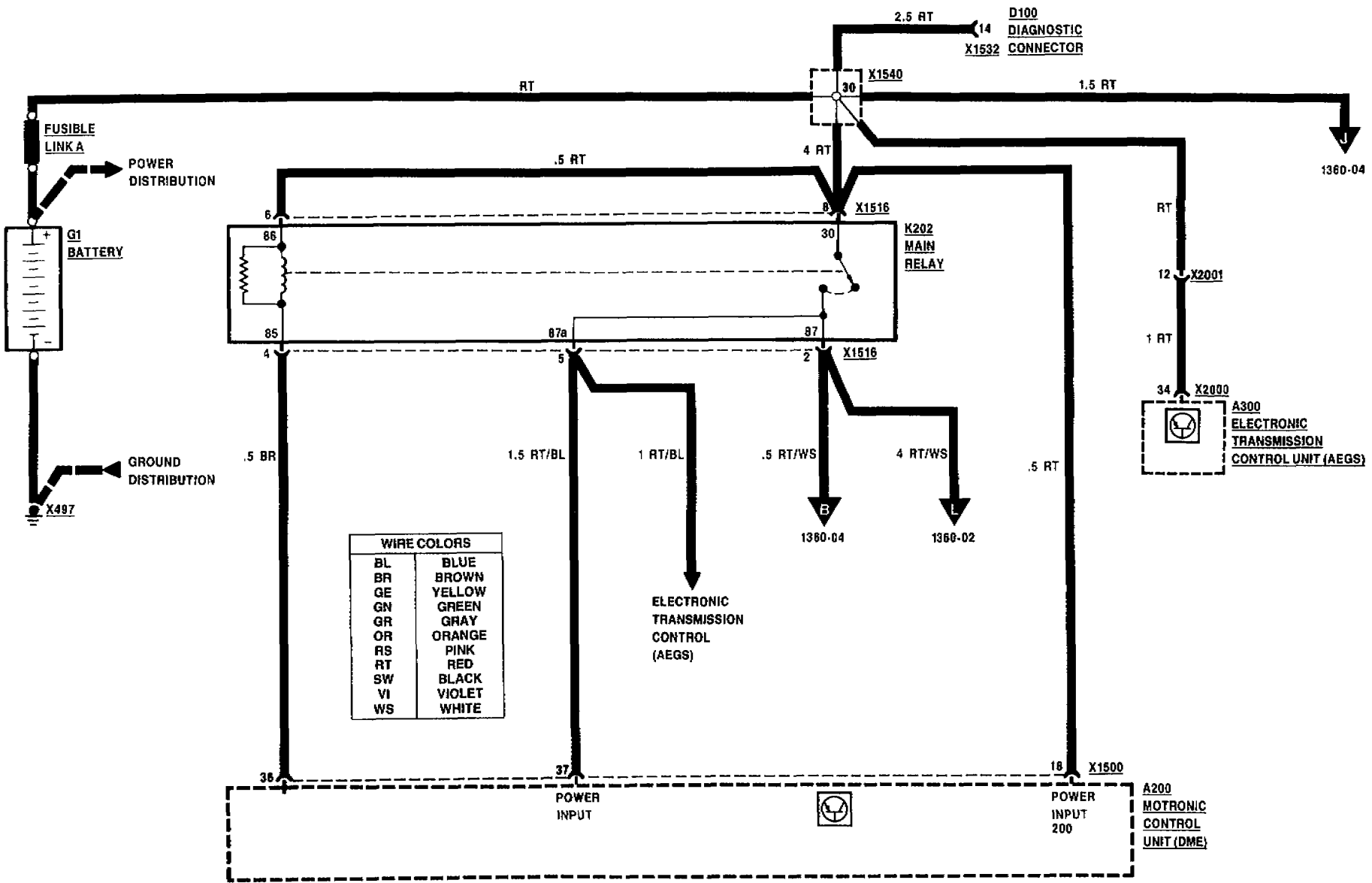


# INJECTION ELECTRONICS (DME)



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



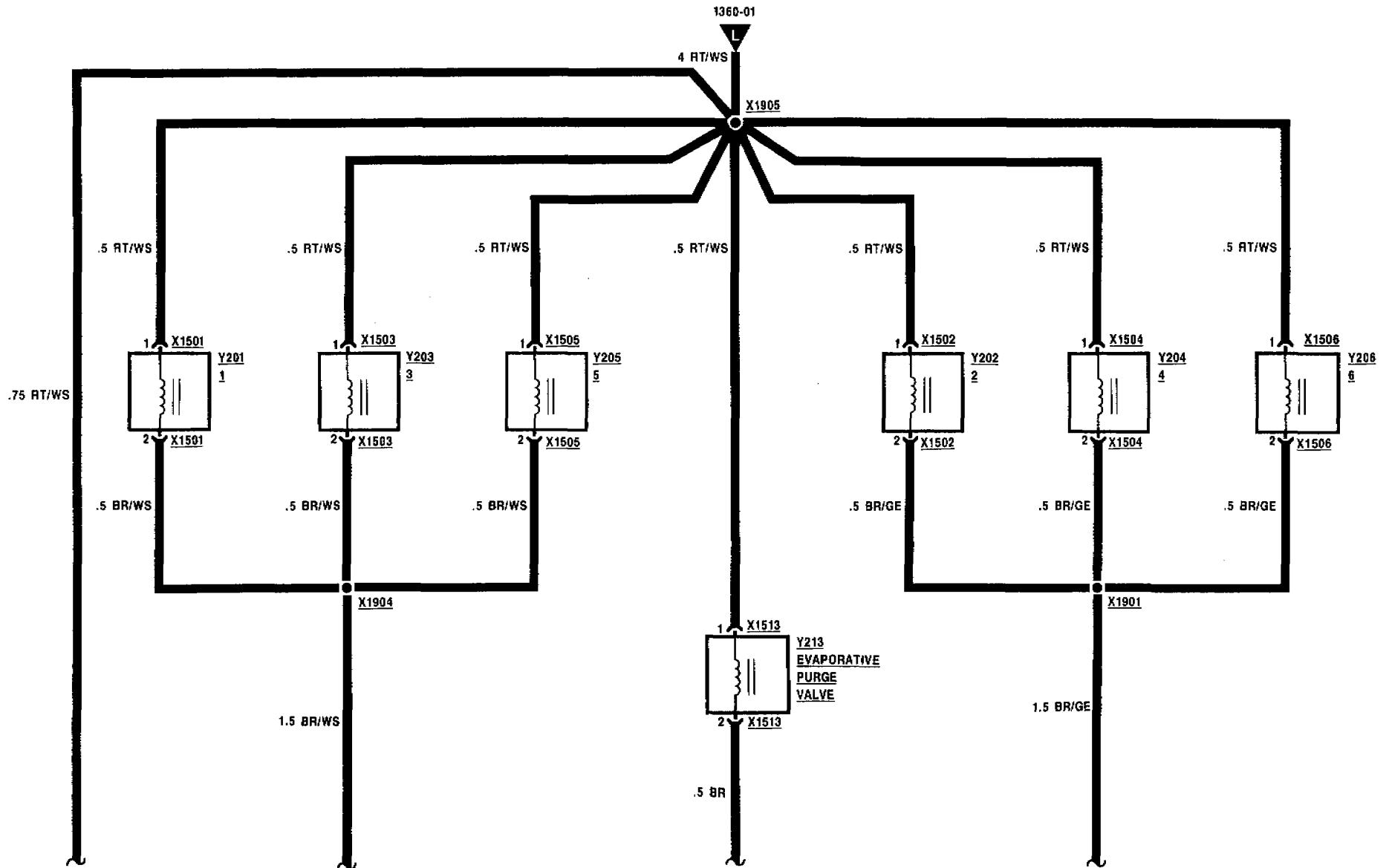


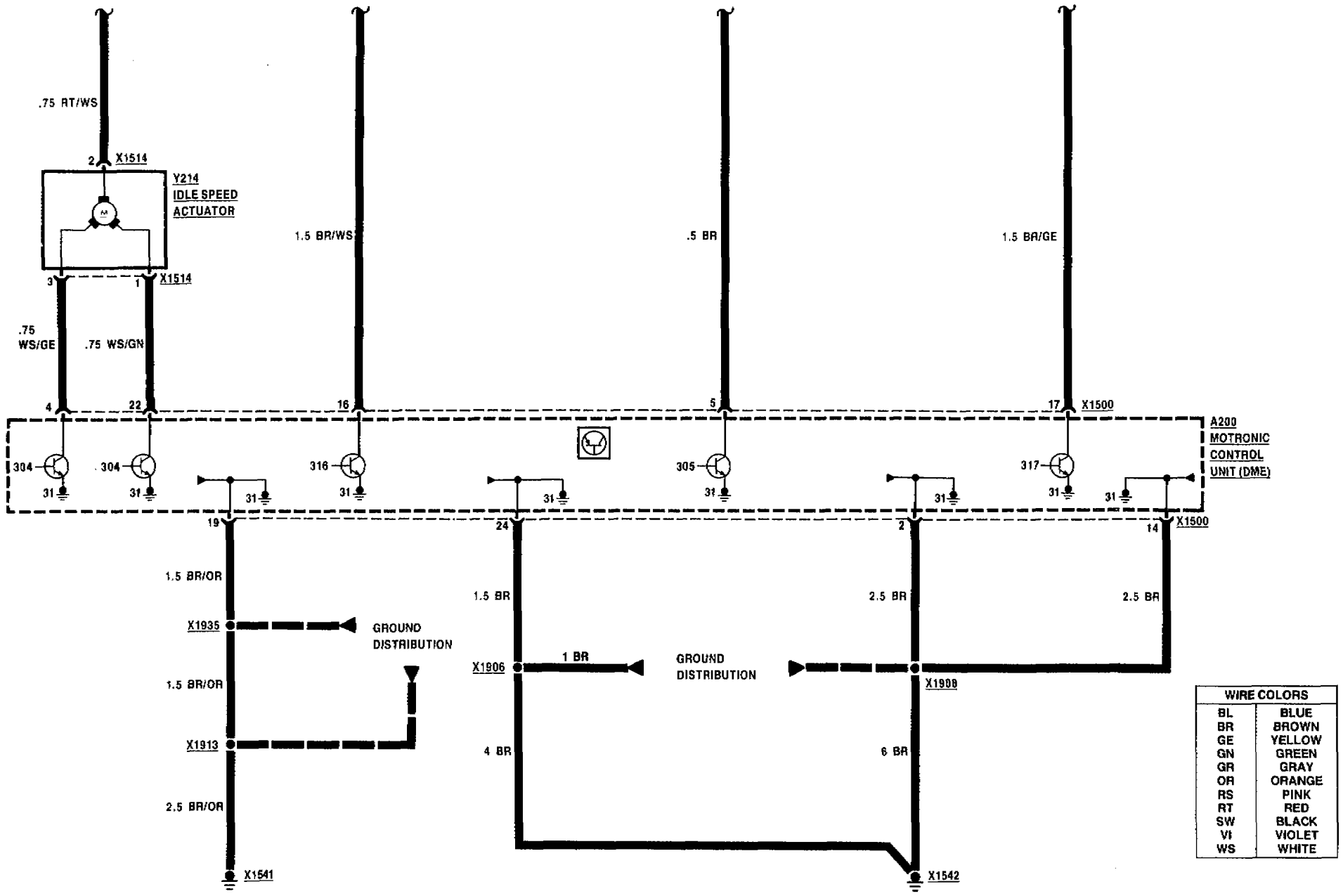
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



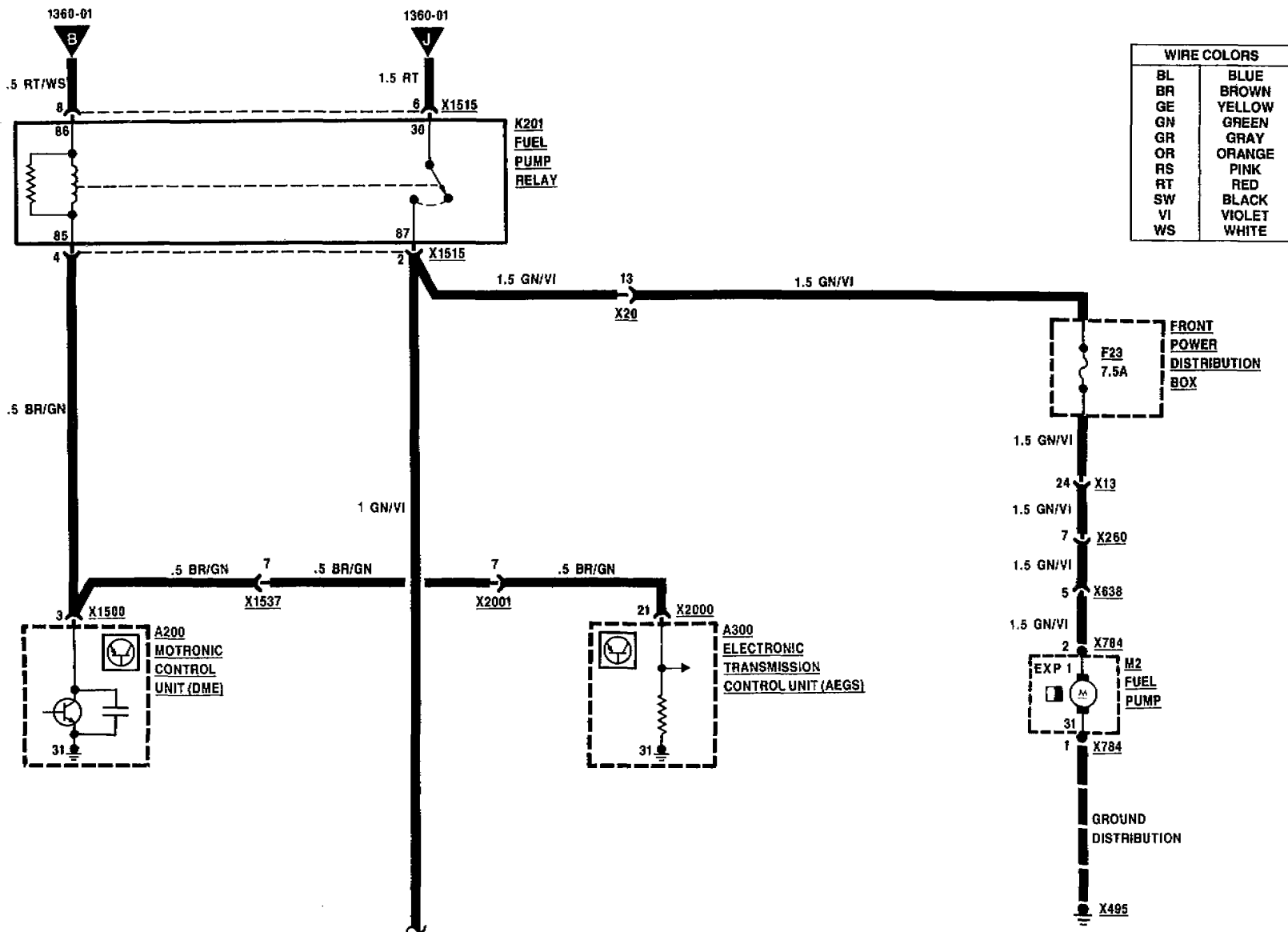
# INJECTION ELECTRONICS (DME)

## FUEL INJECTORS



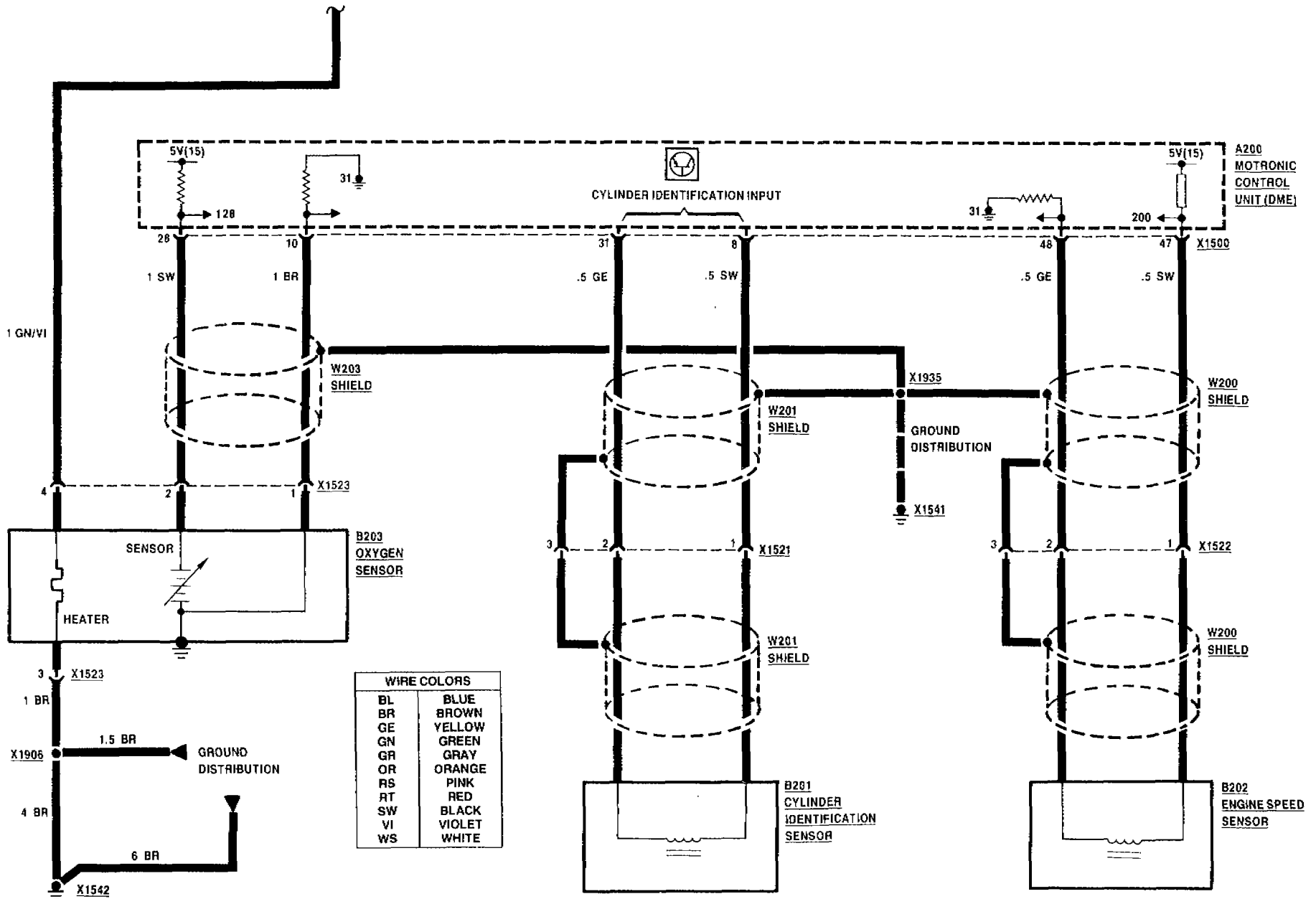


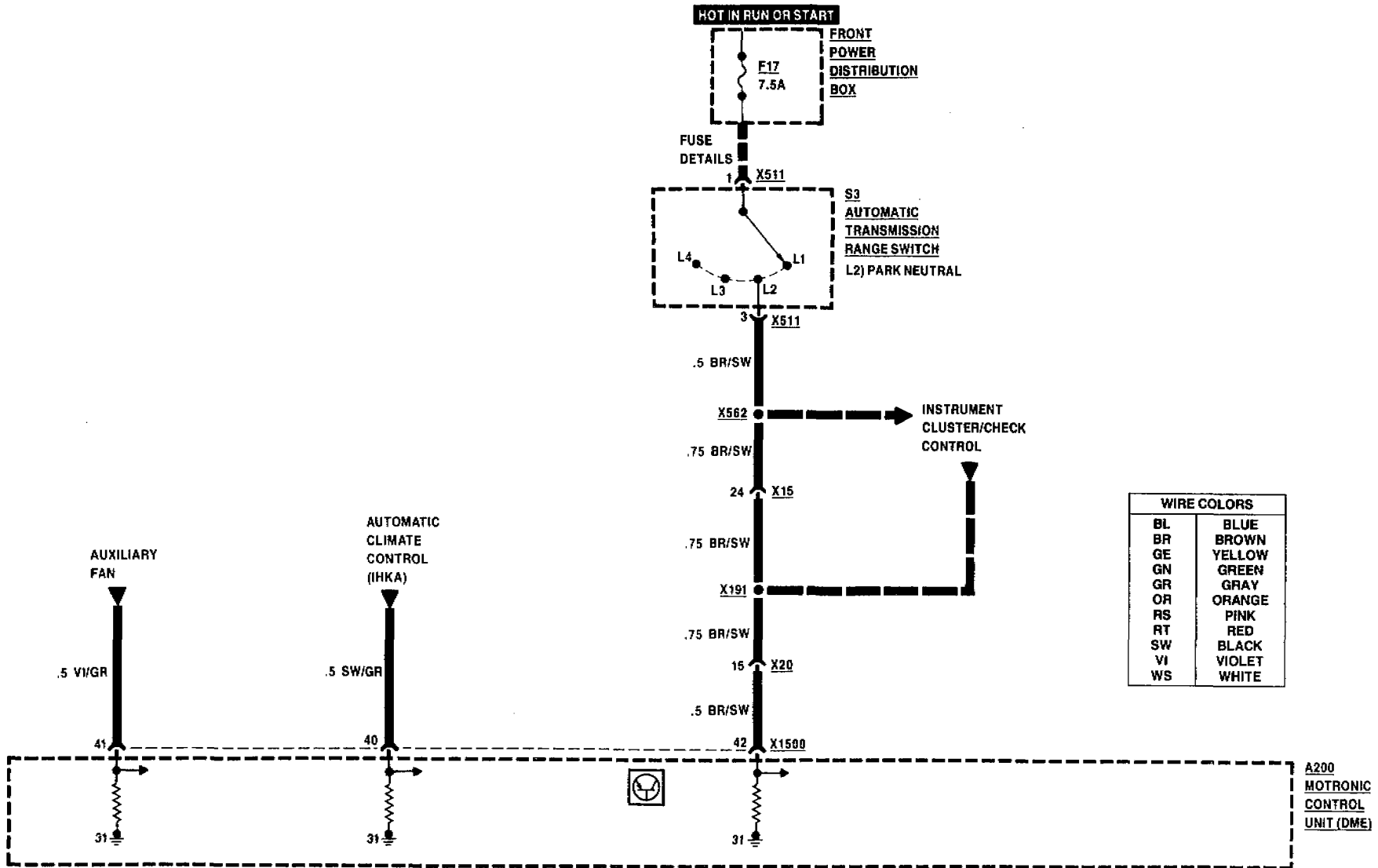
**BMW 7 INJECTION ELECTRONICS (DME)**



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

08/87  
1360-04  
1988



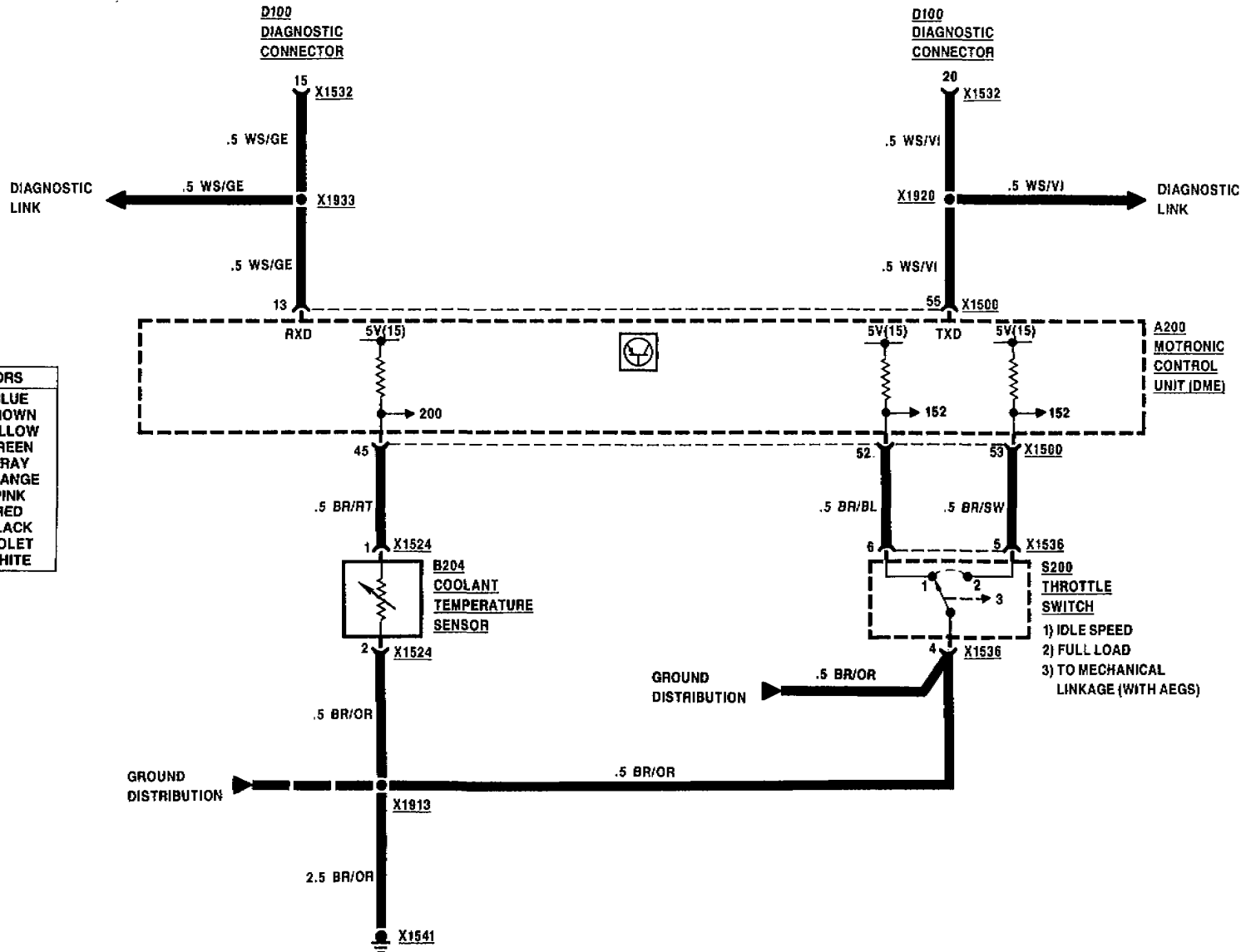


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



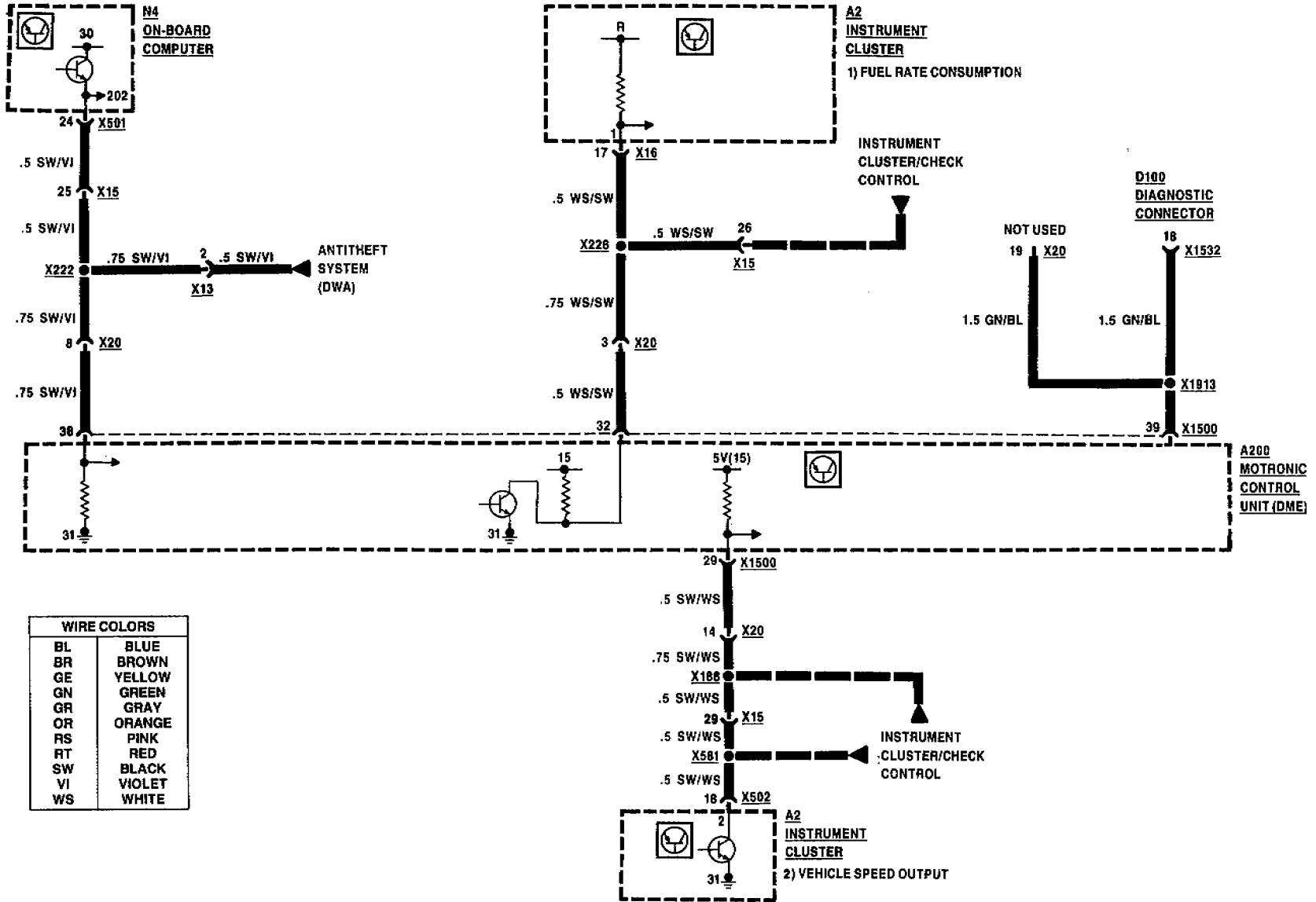
# INJECTION ELECTRONICS (DME)

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





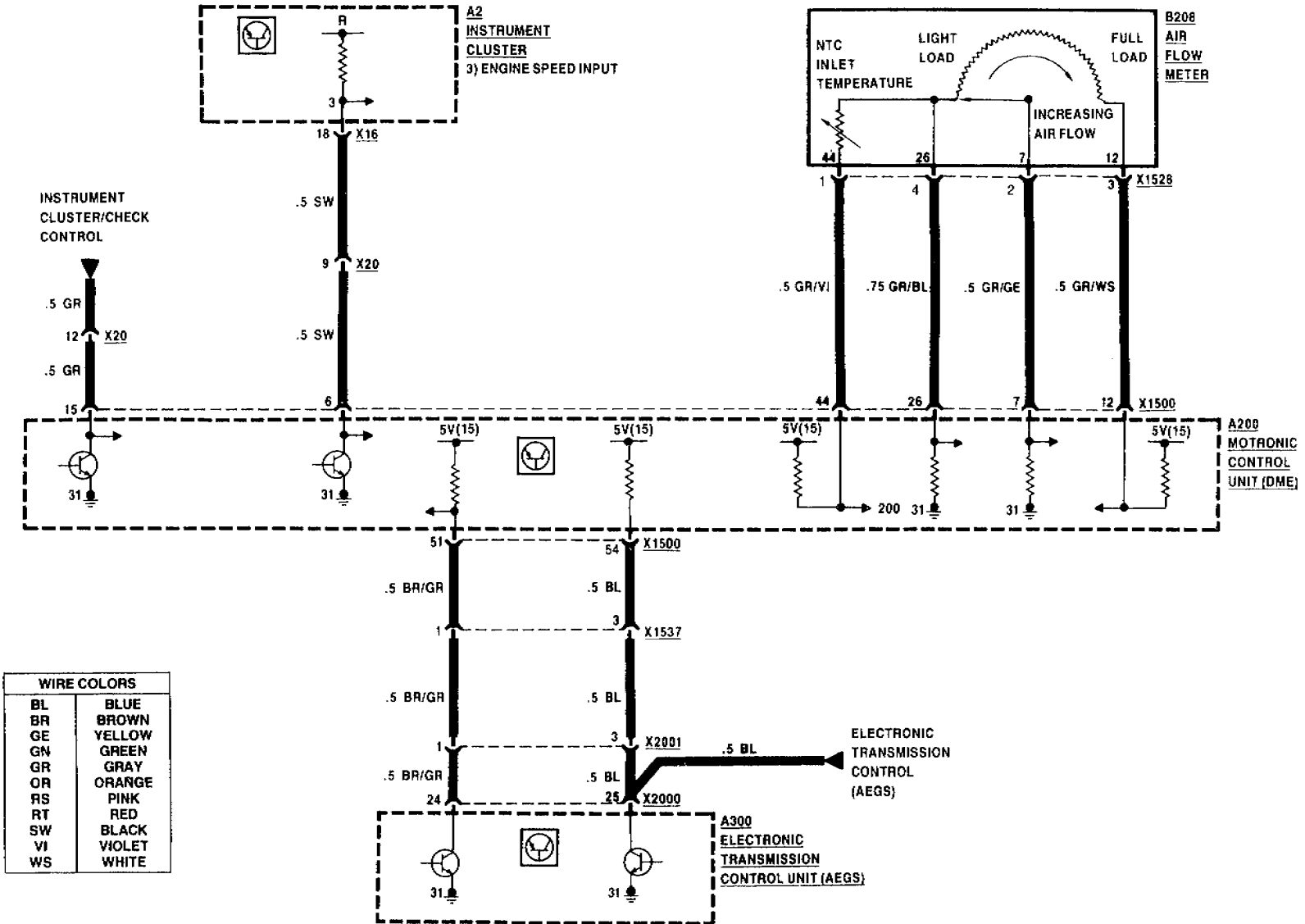
# INJECTION ELECTRONICS (DME)



08/87 1360-08 1988

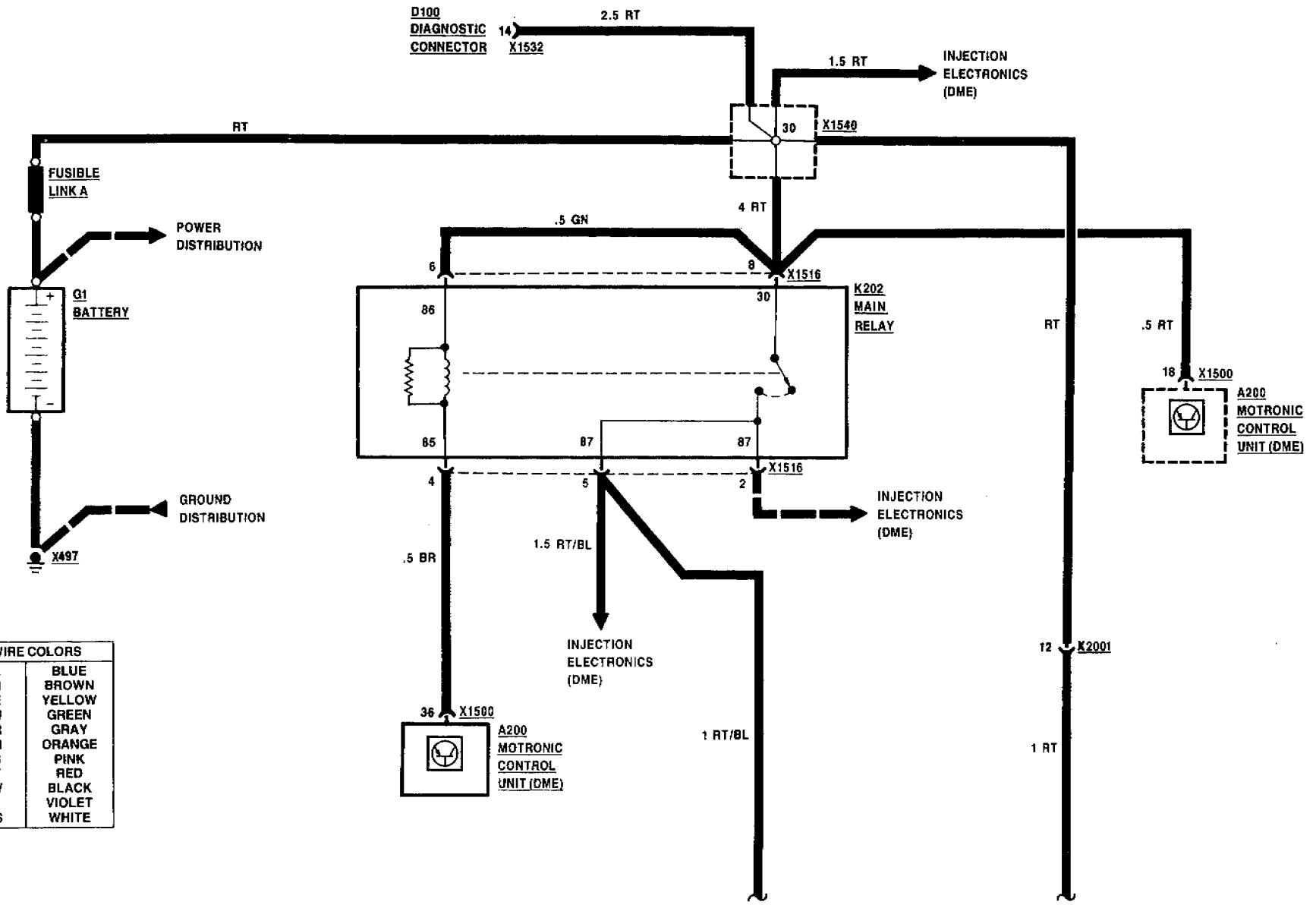


# INJECTION ELECTRONICS (DME)





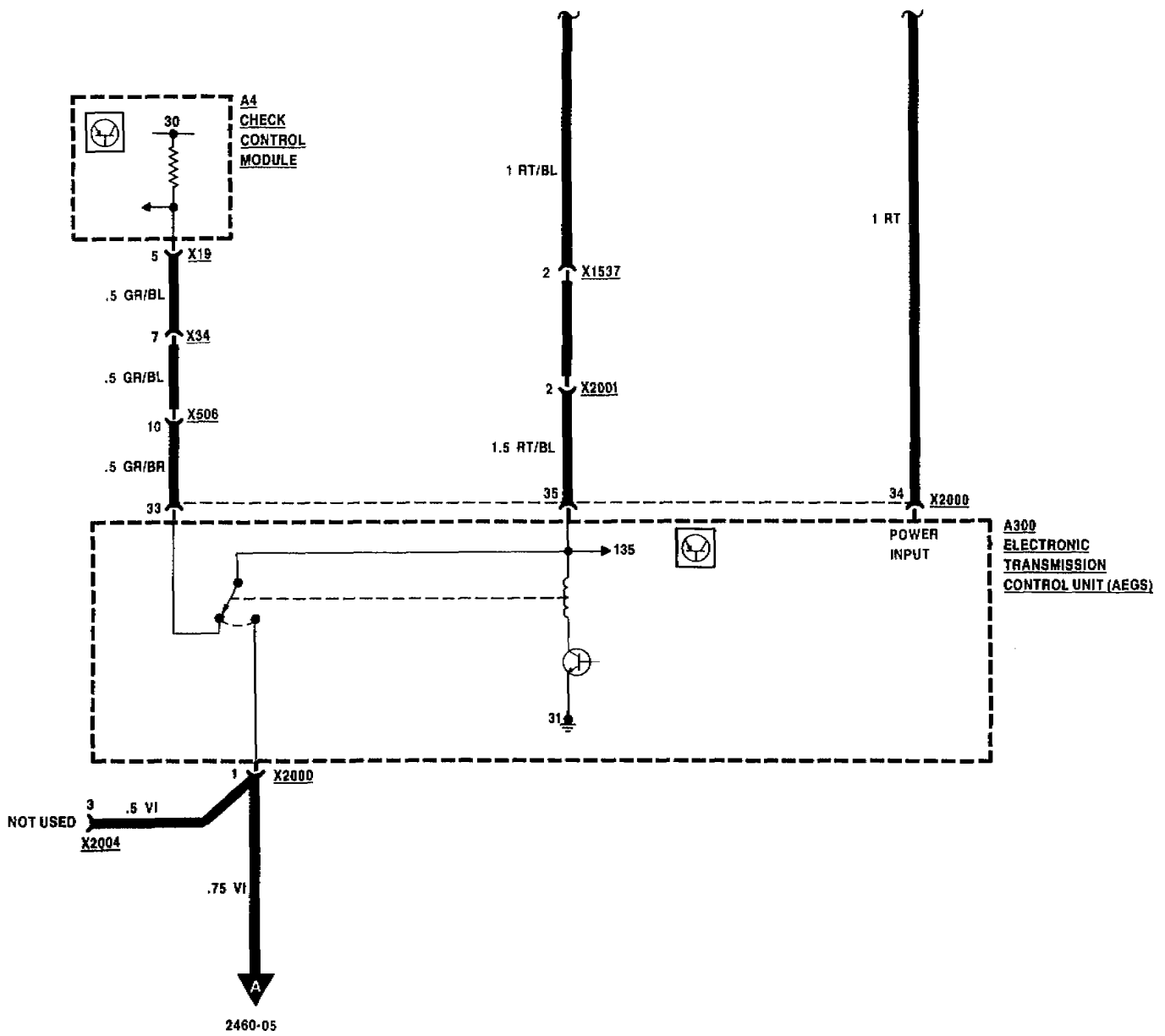
# ELECTRONIC TRANSMISSION CONTROL (AEGS)



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

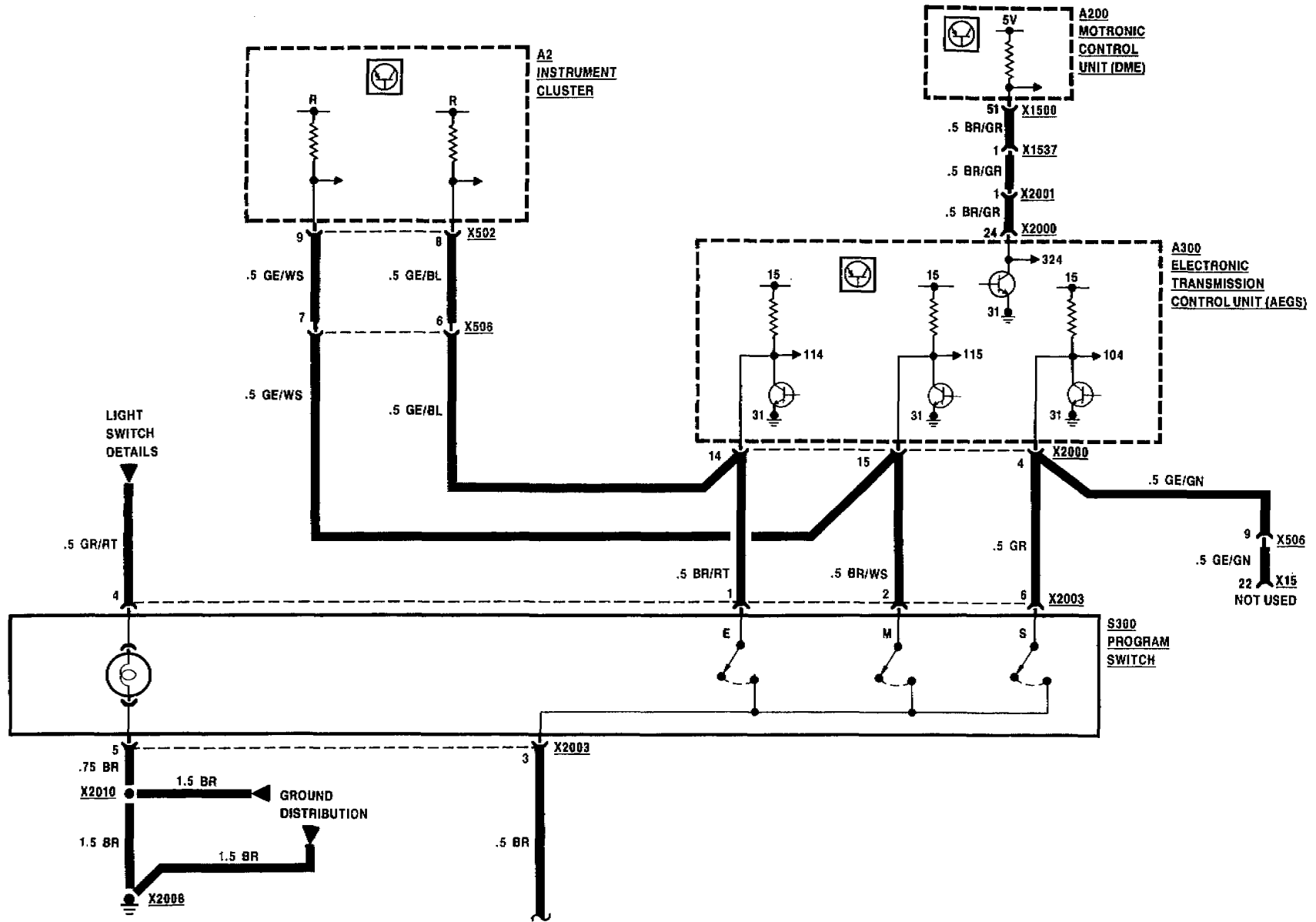
08/87  
2460-00  
1988

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

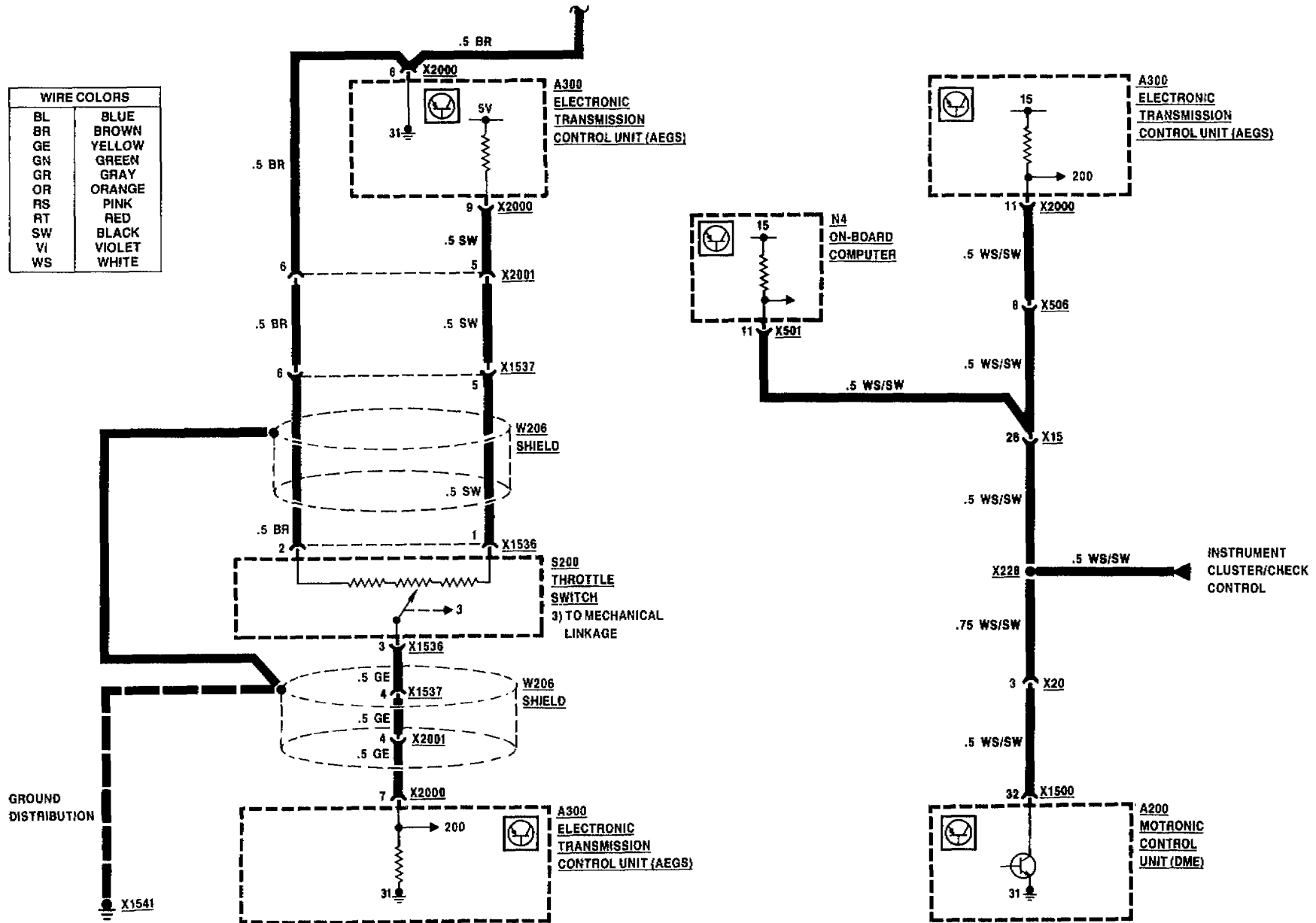




# ELECTRONIC TRANSMISSION CONTROL (AEGS)

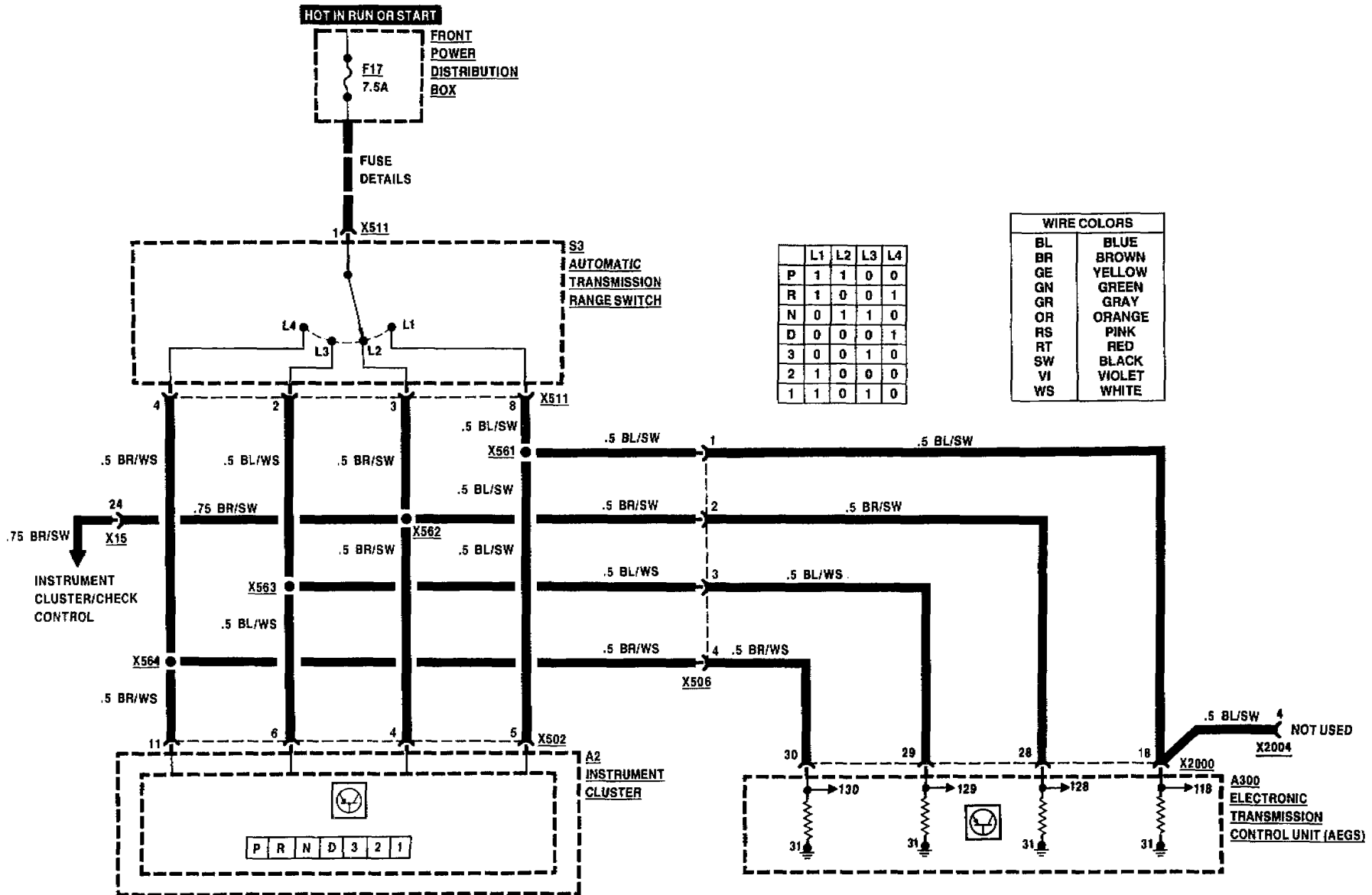


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



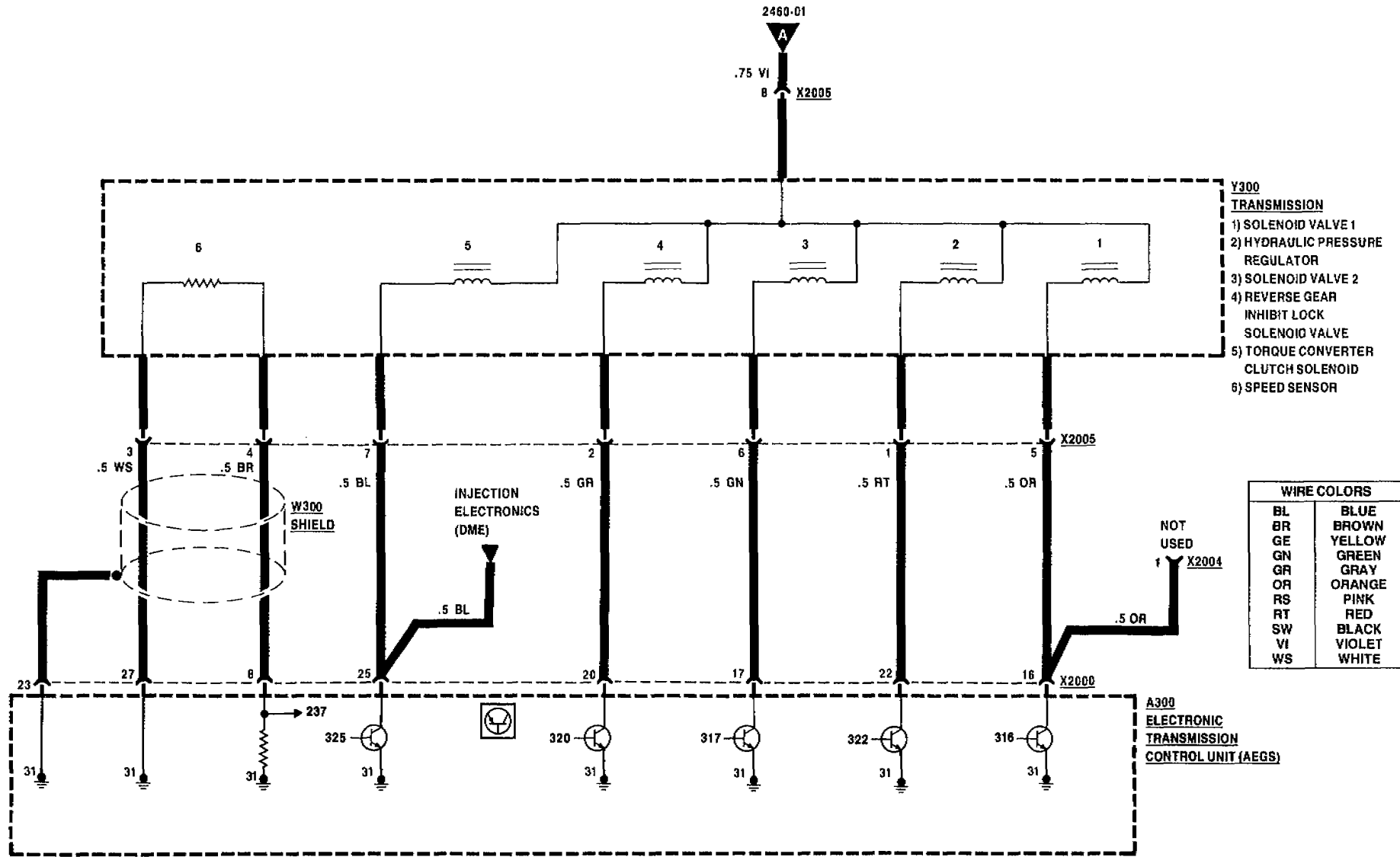


# ELECTRONIC TRANSMISSION CONTROL (AEGS)





# ELECTRONIC TRANSMISSION CONTROL (AEGS)



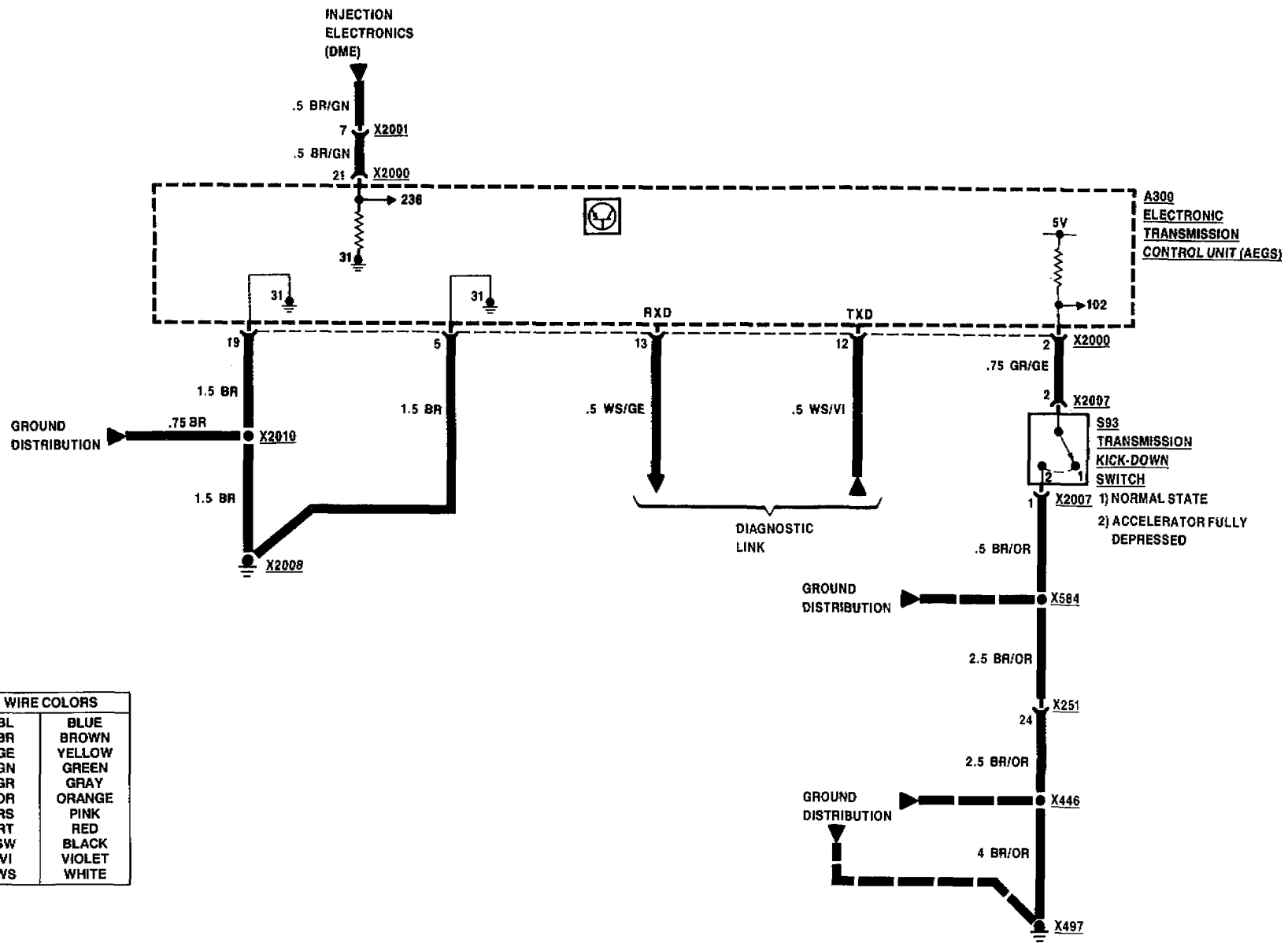
- Y300 TRANSMISSION**
- 1) SOLENOID VALVE 1
  - 2) HYDRAULIC PRESSURE REGULATOR
  - 3) SOLENOID VALVE 2
  - 4) REVERSE GEAR INHIBIT LOCK SOLENOID VALVE
  - 5) TORQUE CONVERTER CLUTCH SOLENOID
  - 6) SPEED SENSOR

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

**A300 ELECTRONIC TRANSMISSION CONTROL UNIT (AEGS)**



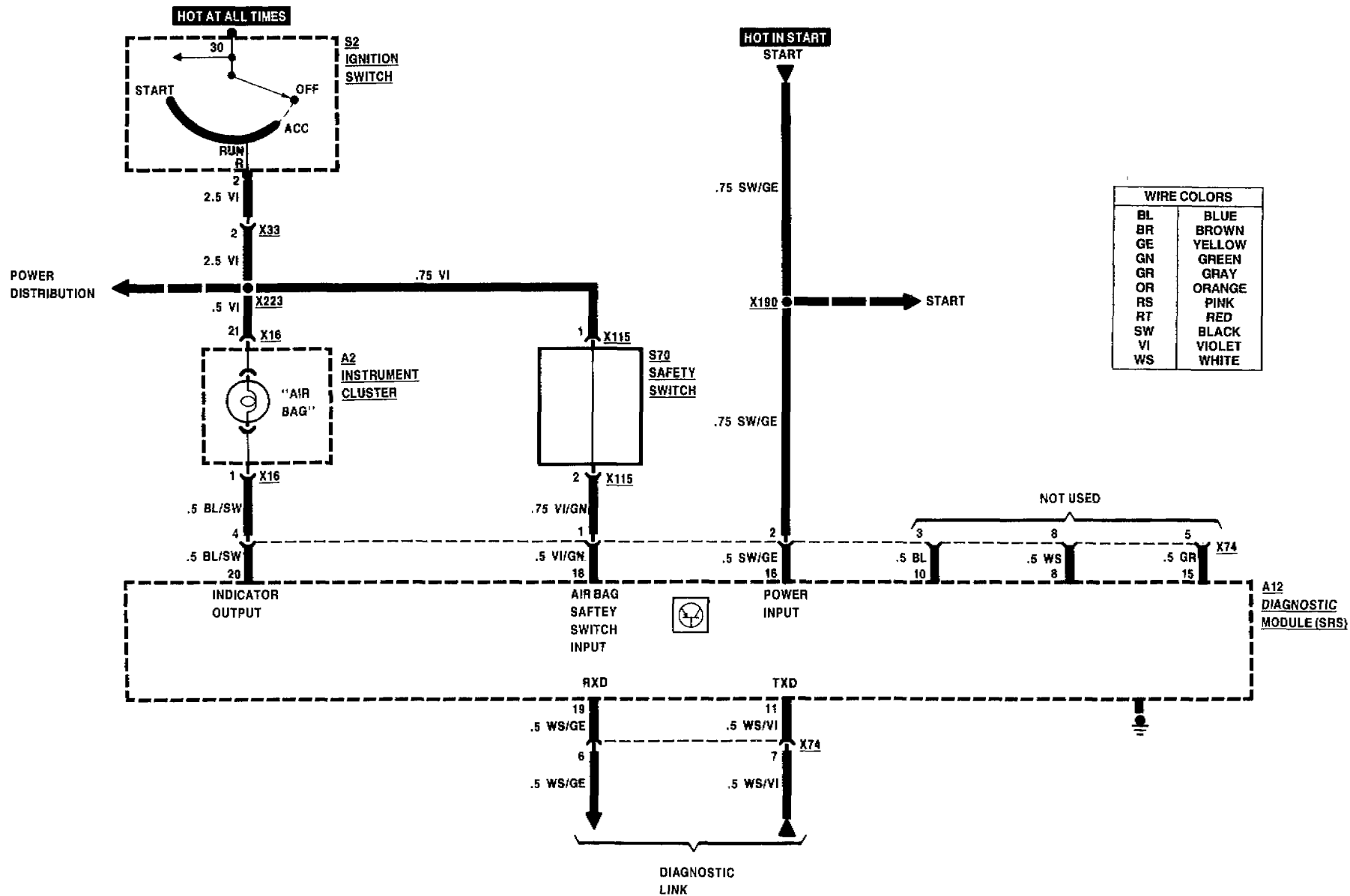
# ELECTRONIC TRANSMISSION CONTROL (AEGS)



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



# SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)



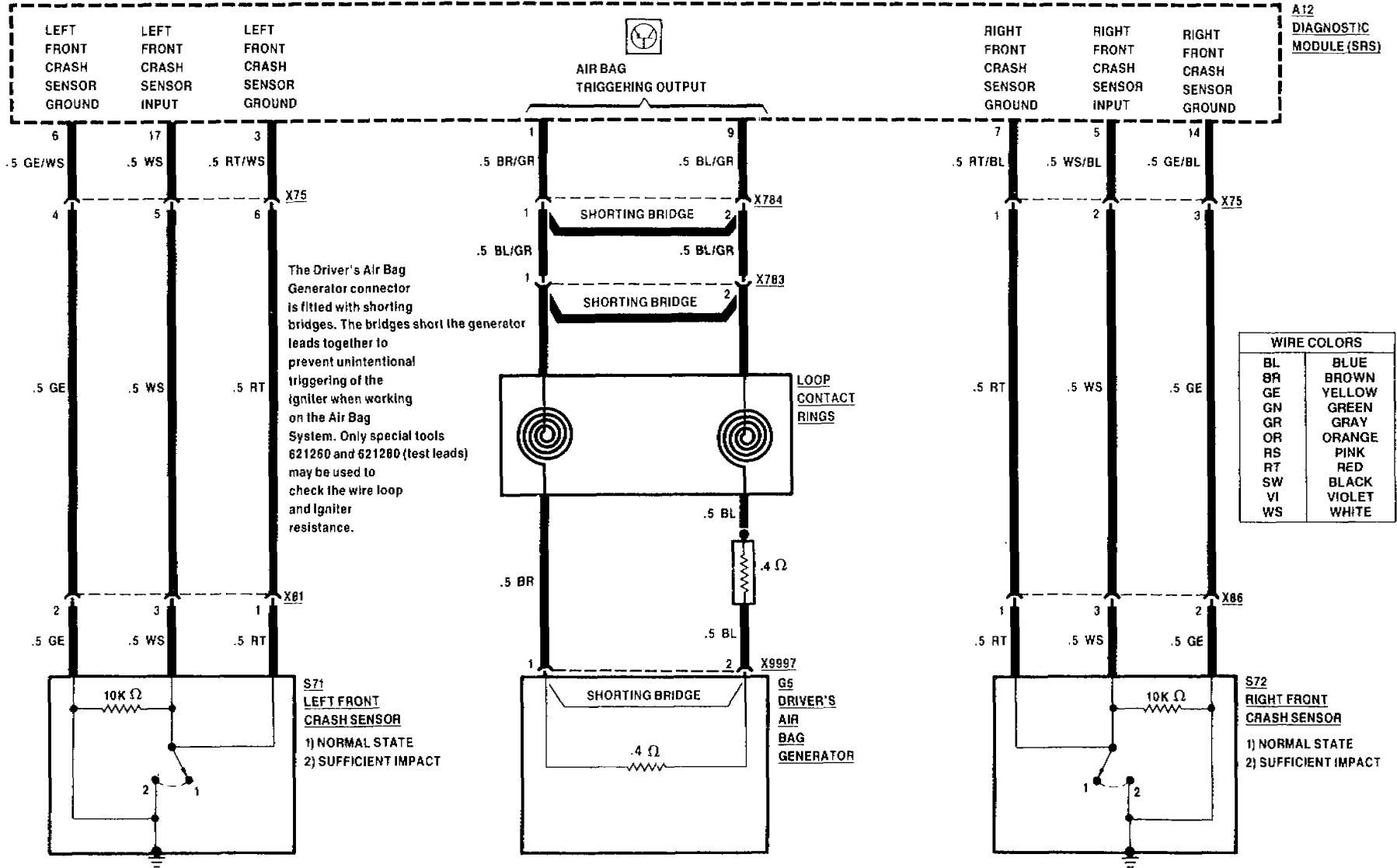


# SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

04/89

3234-01

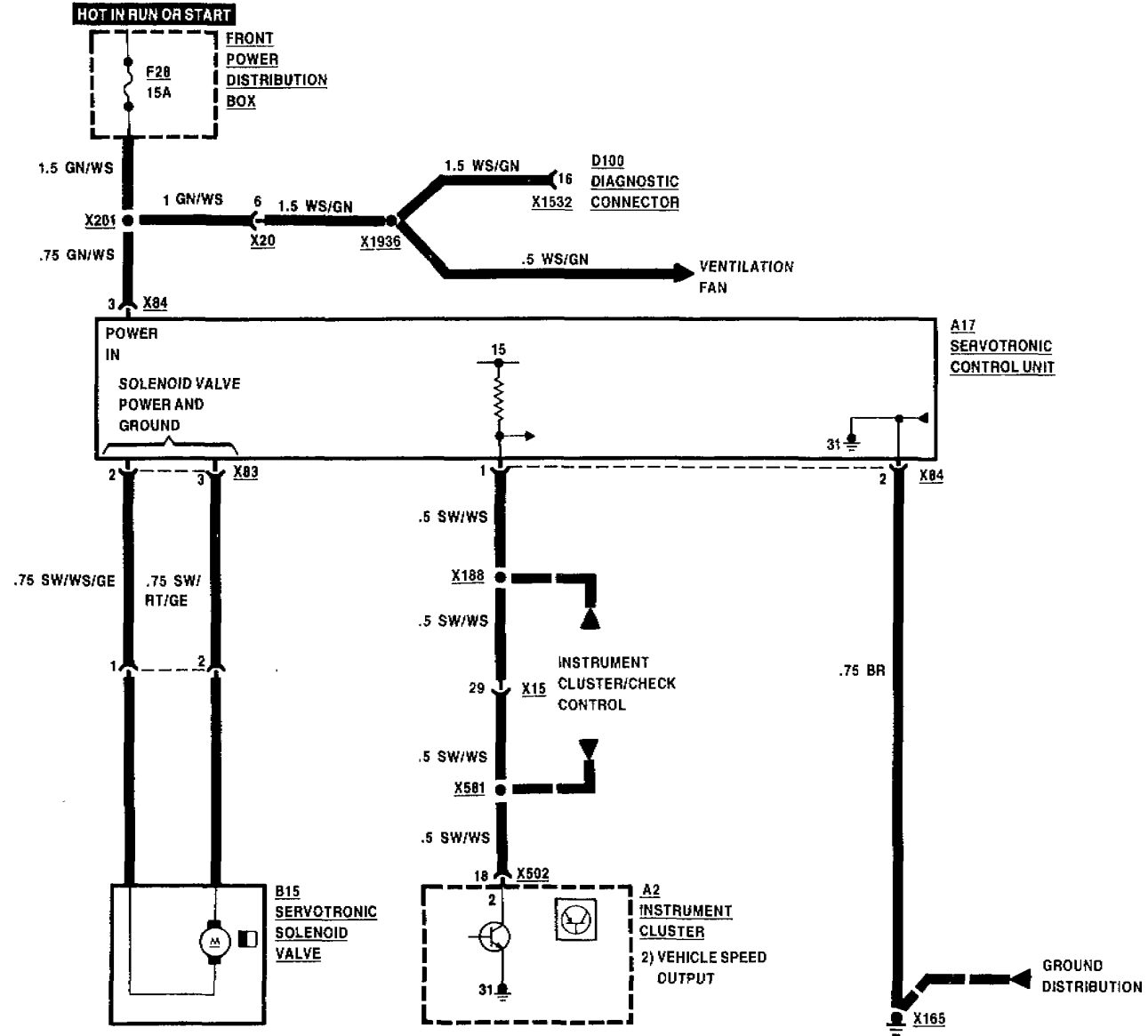
1988





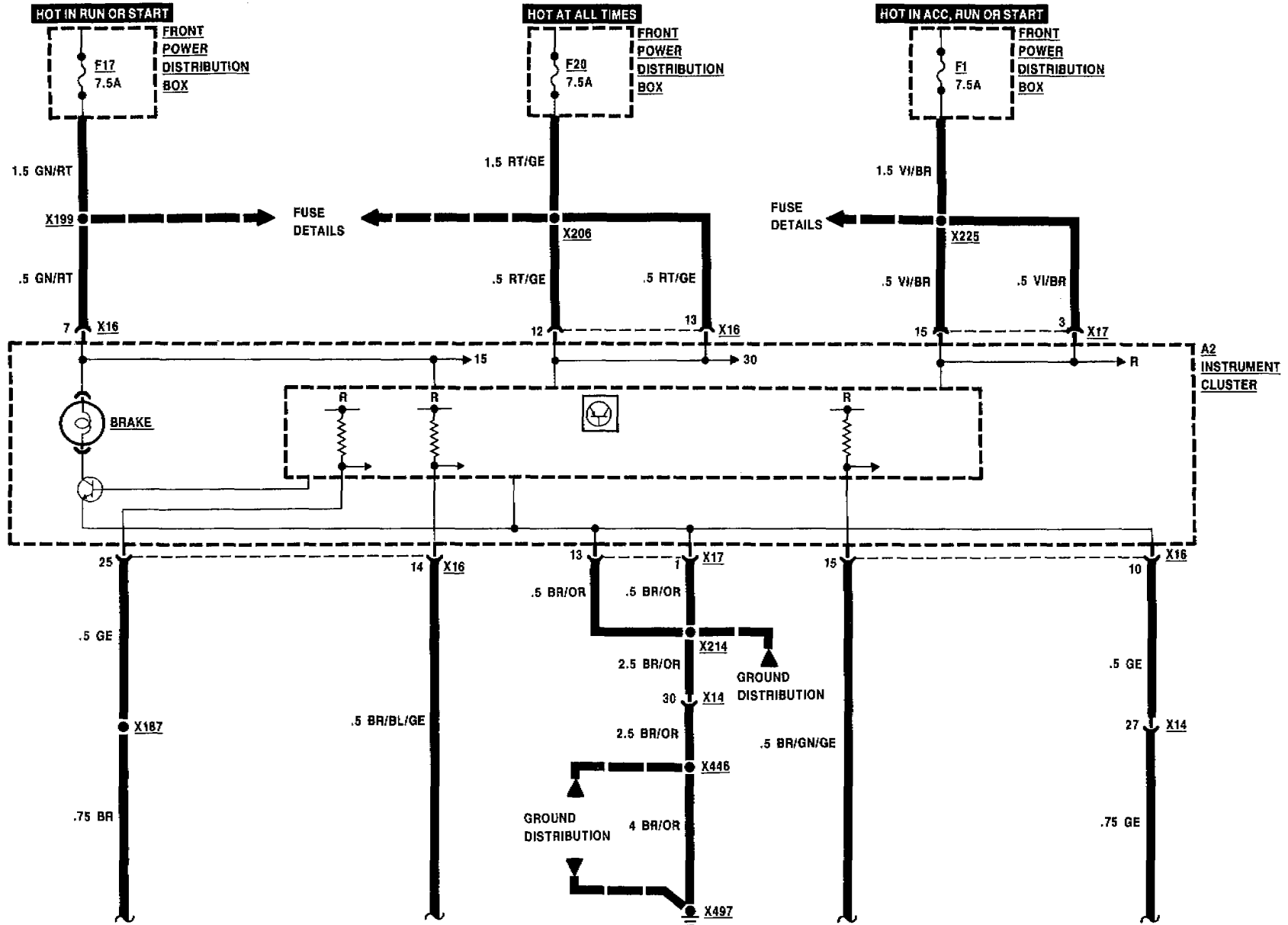
# POWER ASSIST STEERING (SERVOTRONIC)

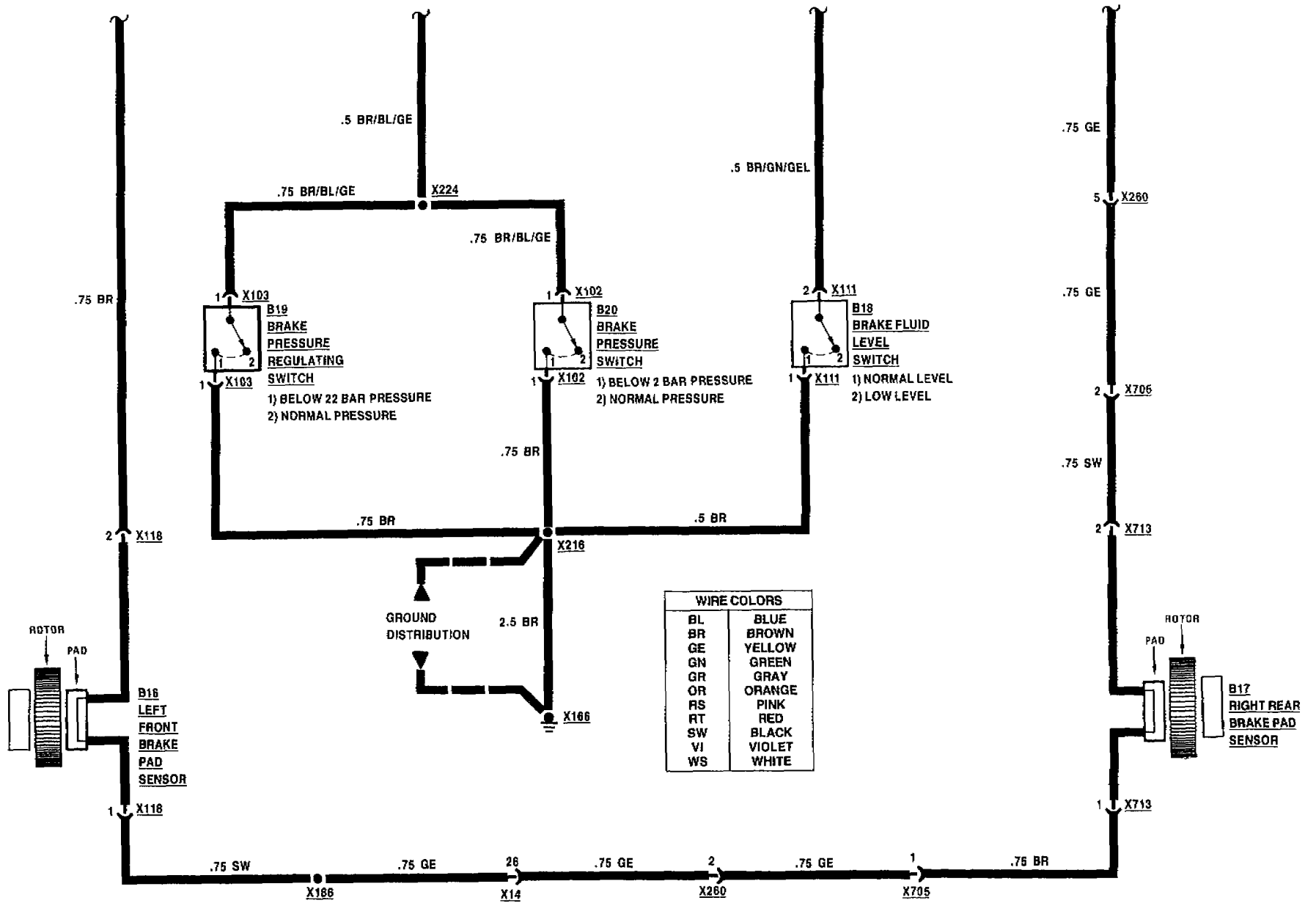
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





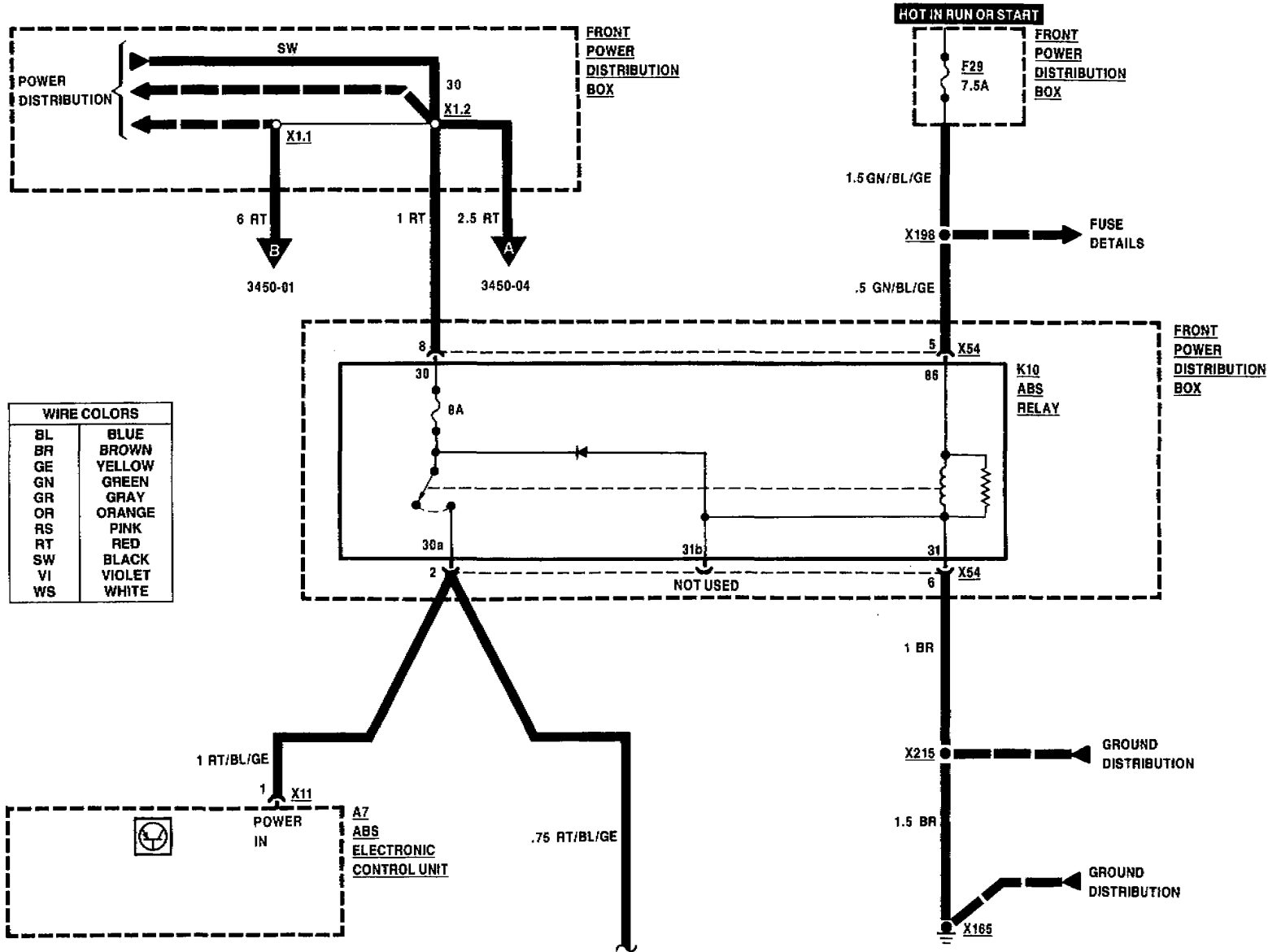
# BRAKE LINING WARNING BRAKE WARNING LIGHT

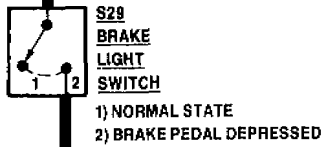
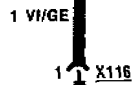
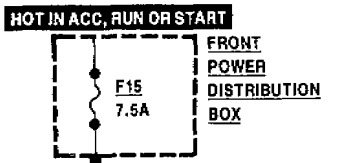




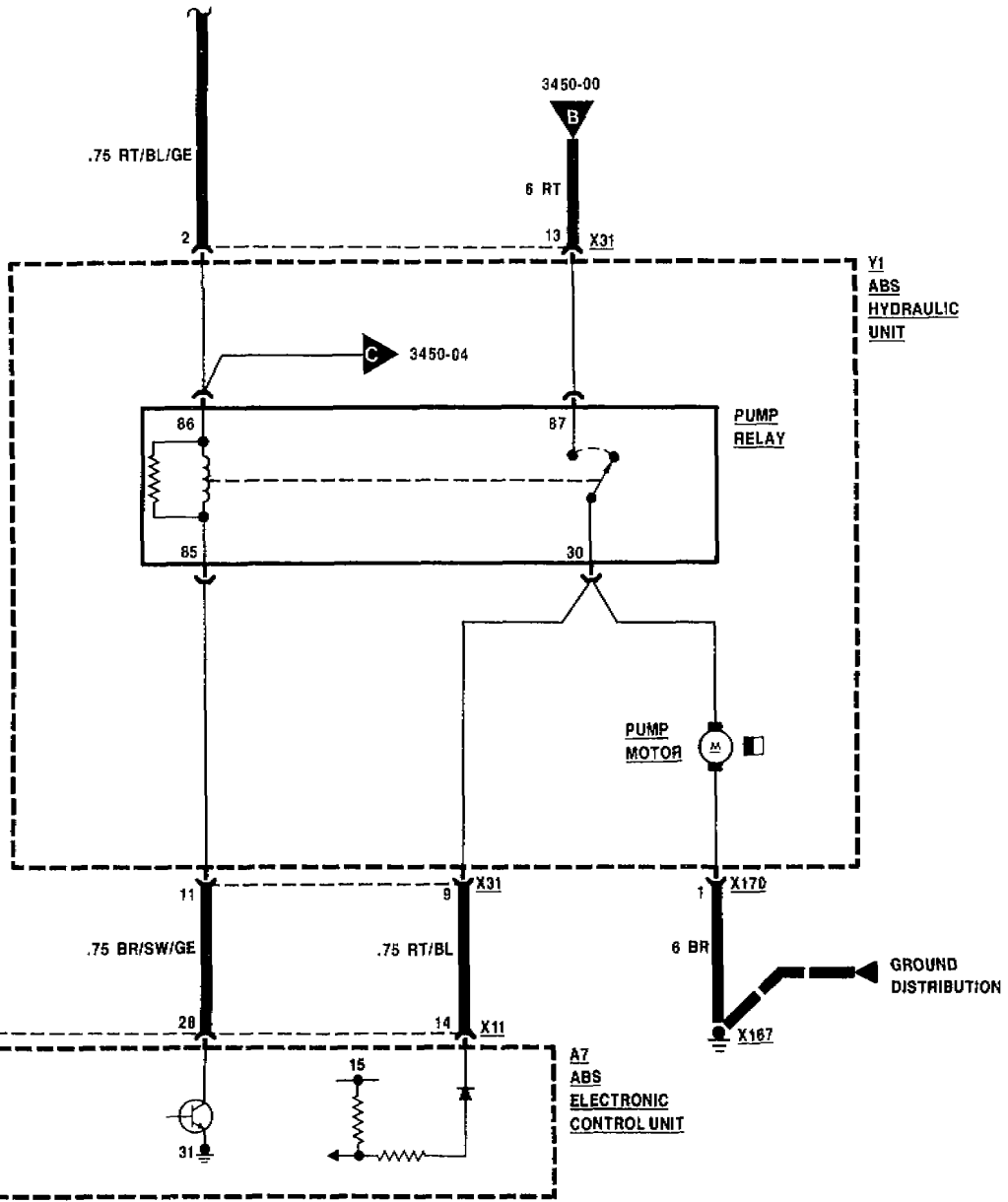
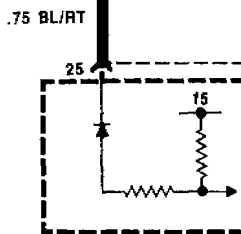
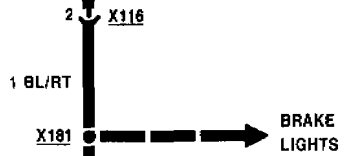


# ANTILOCK BRAKE SYSTEM (ABS)





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



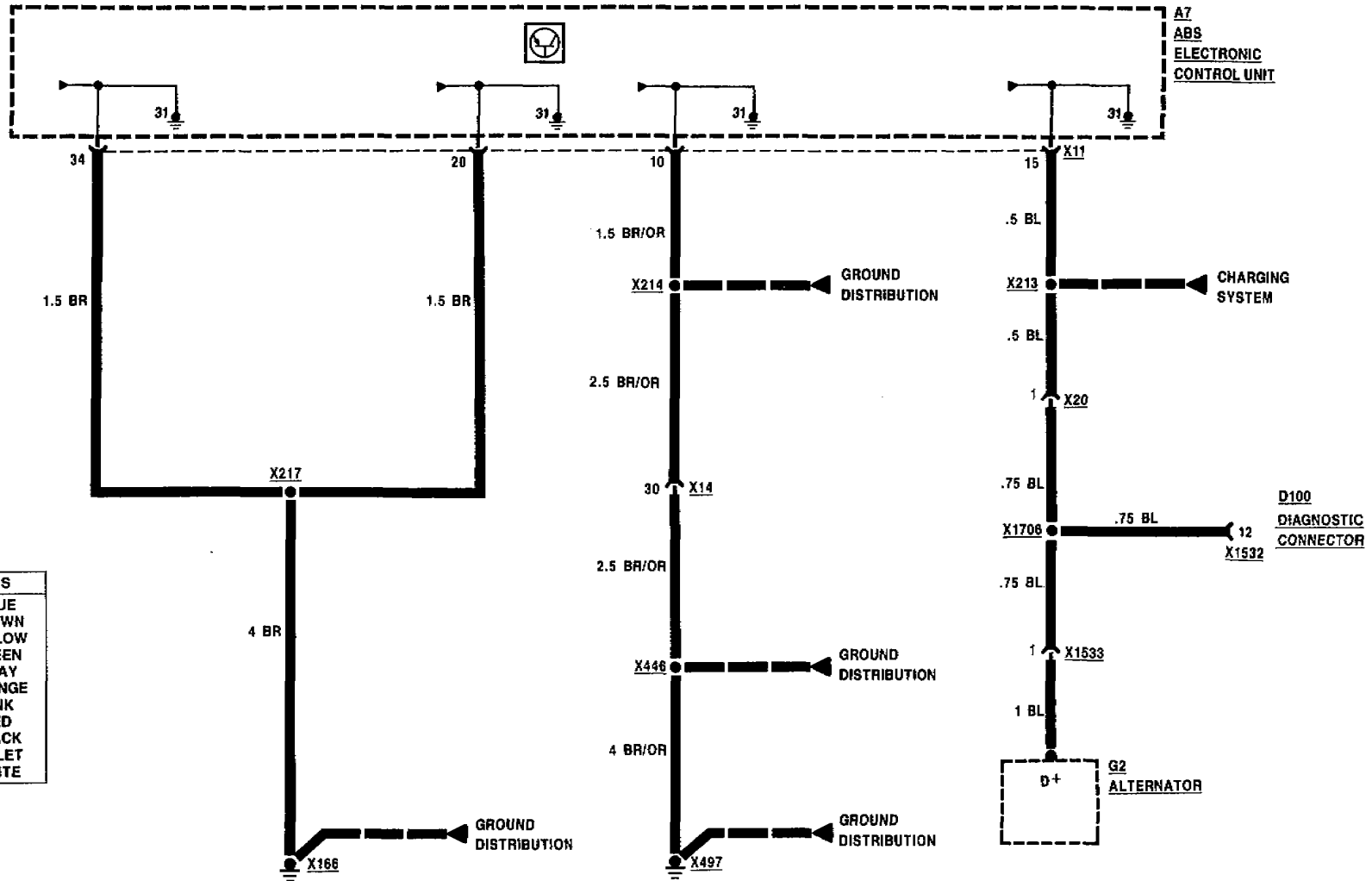


# ANTILOCK BRAKE SYSTEM (ABS)

08/87

3450-02

1988

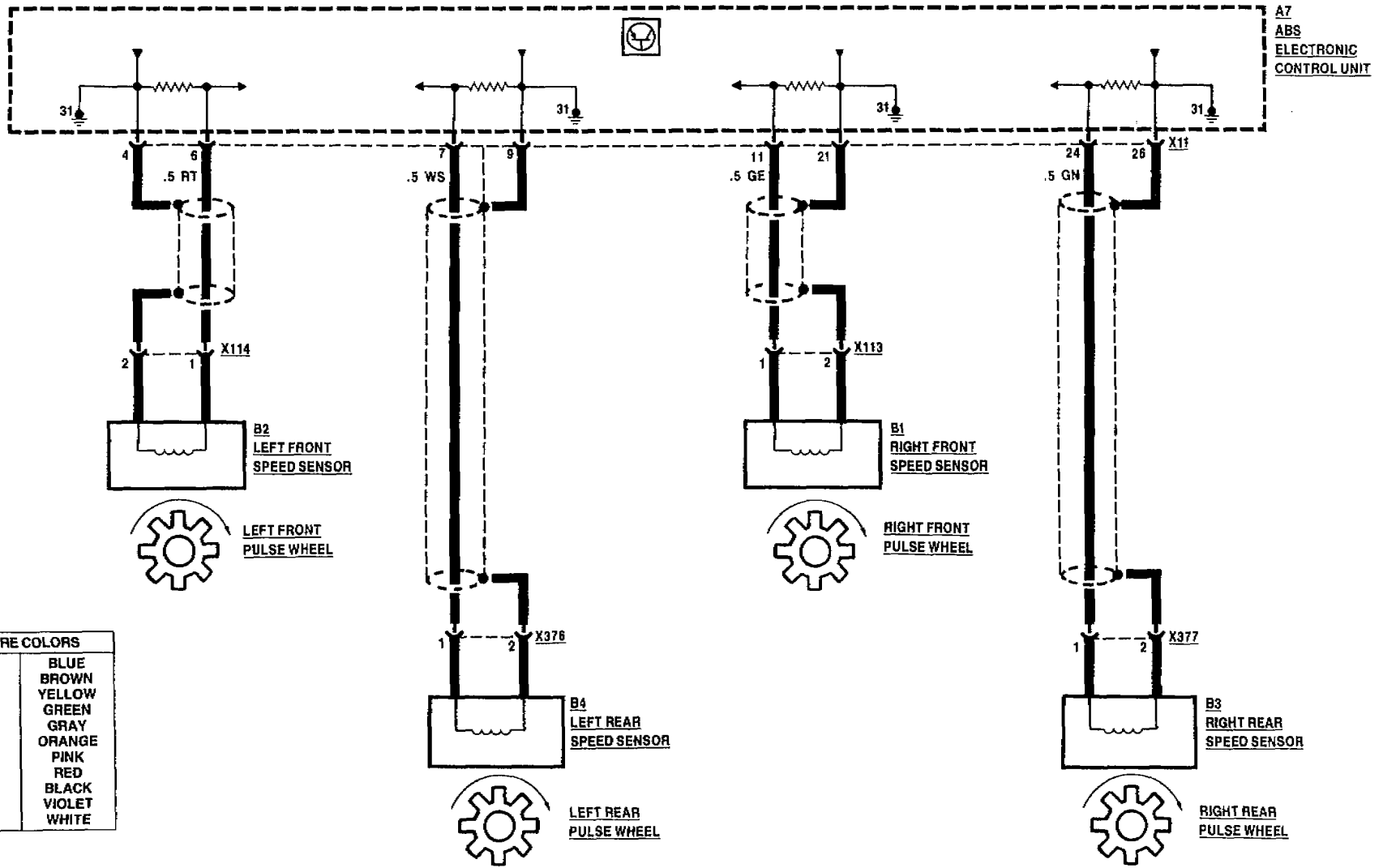


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





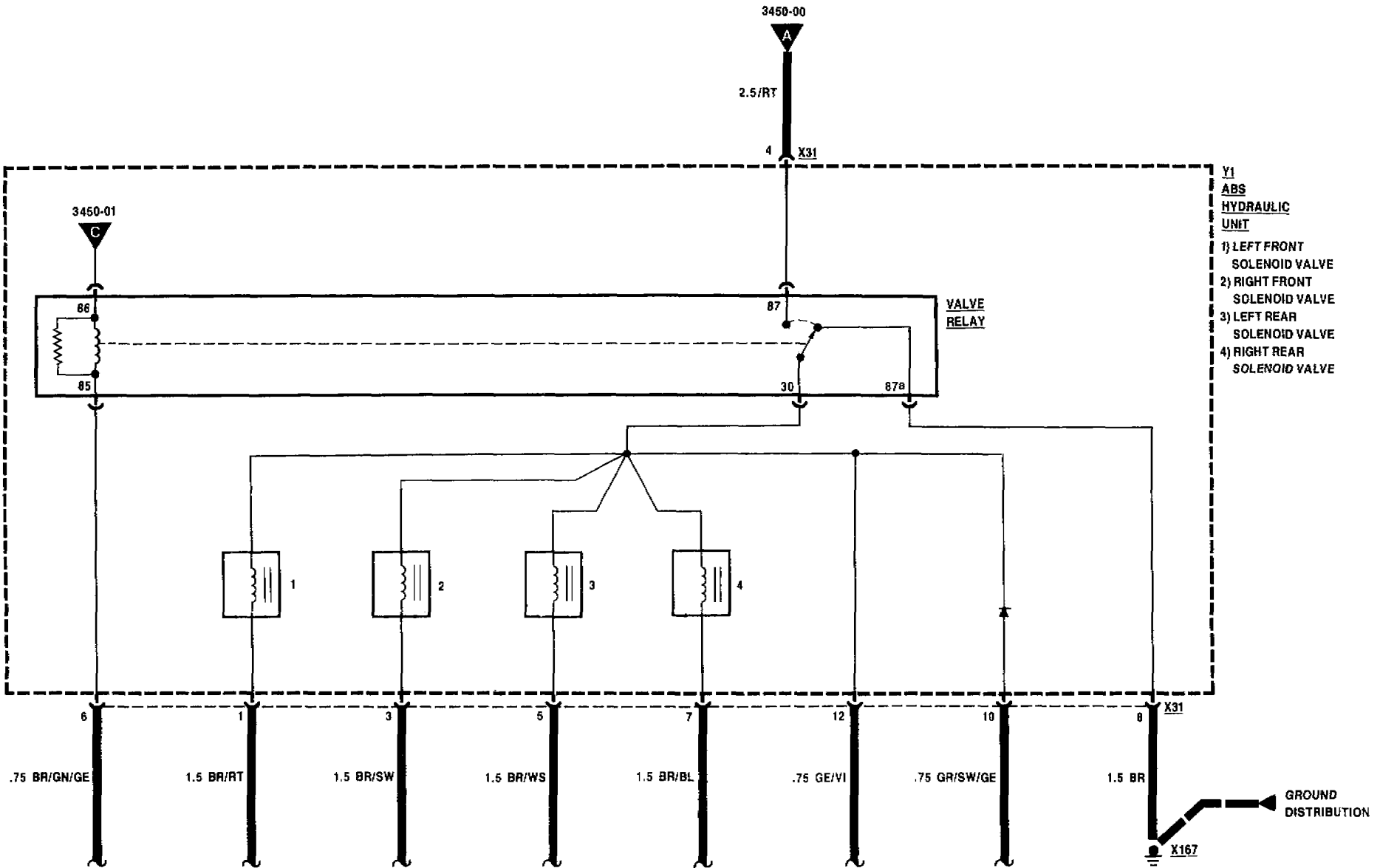
# ANTILOCK BRAKE SYSTEM (ABS)



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



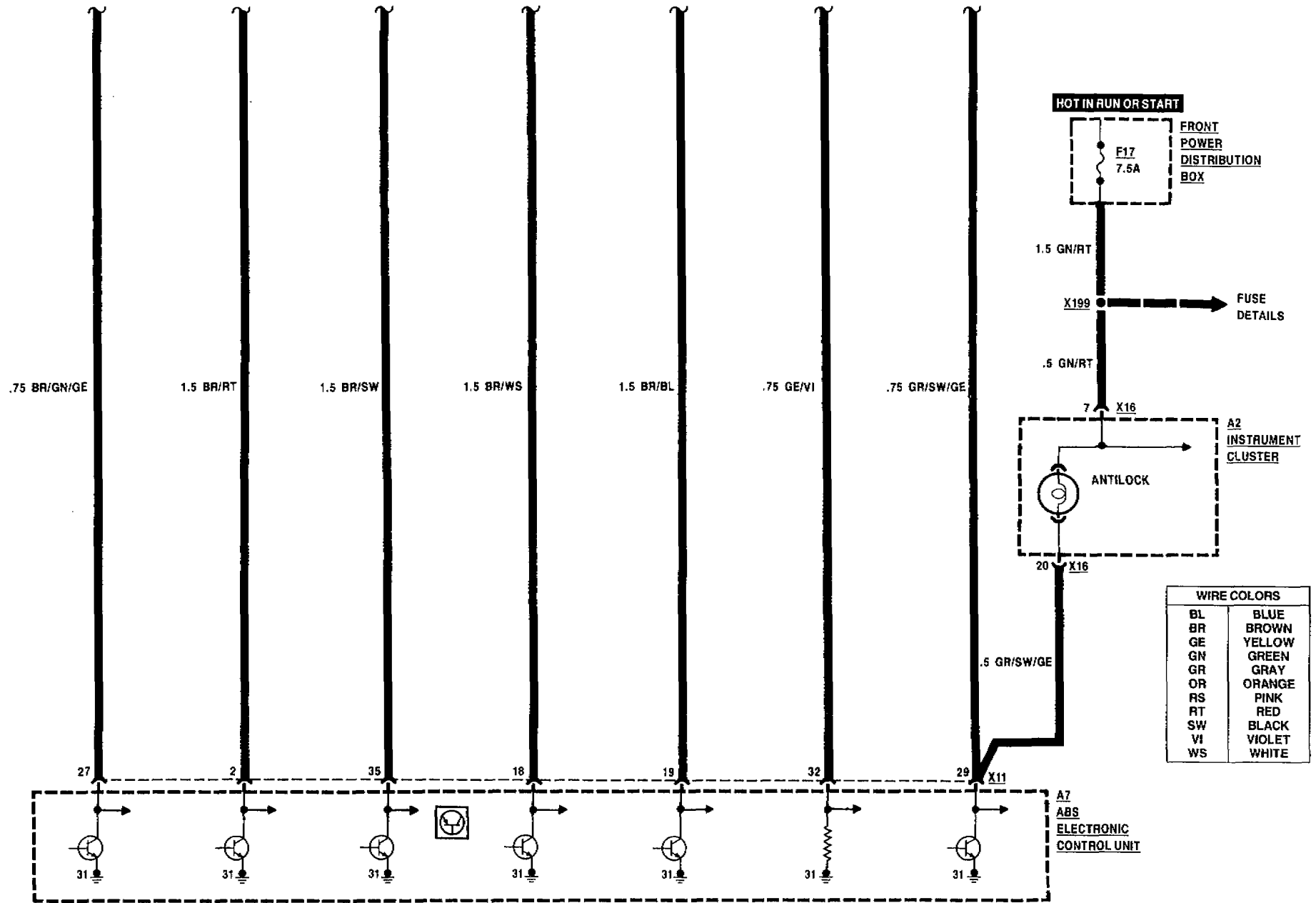
# ANTILOCK BRAKE SYSTEM (ABS)



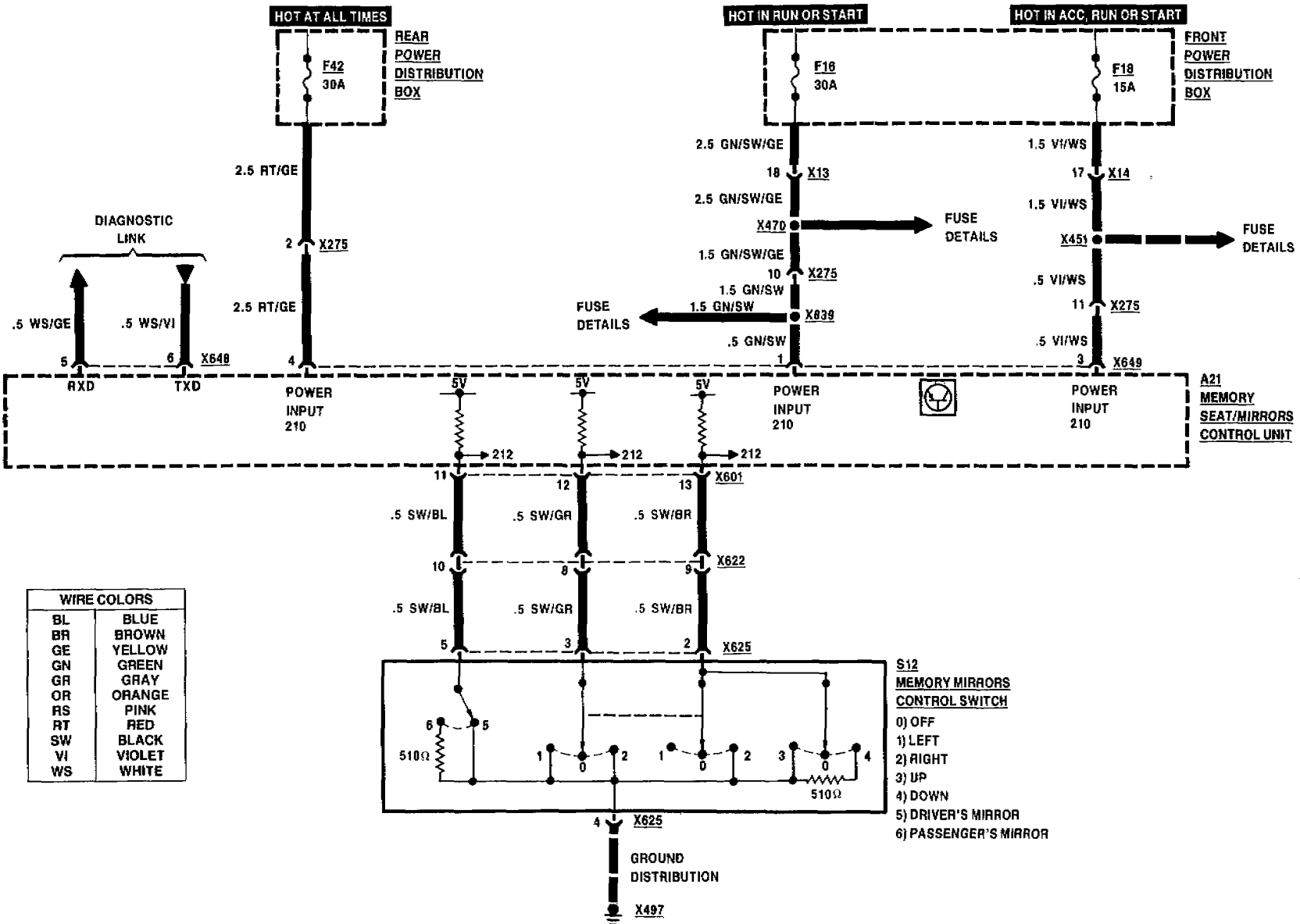
02/87

3450-04

1988

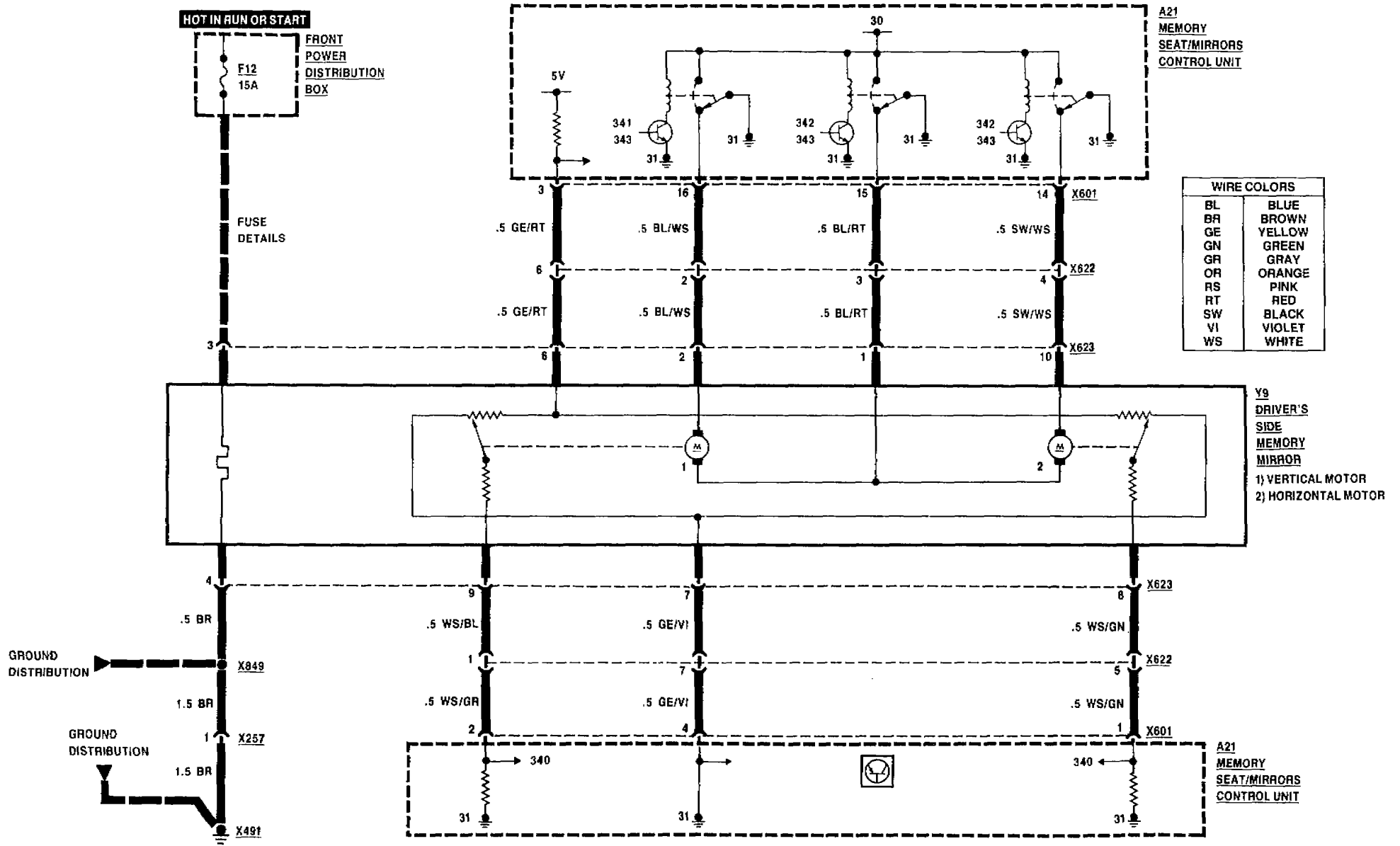


# MEMORY MIRRORS

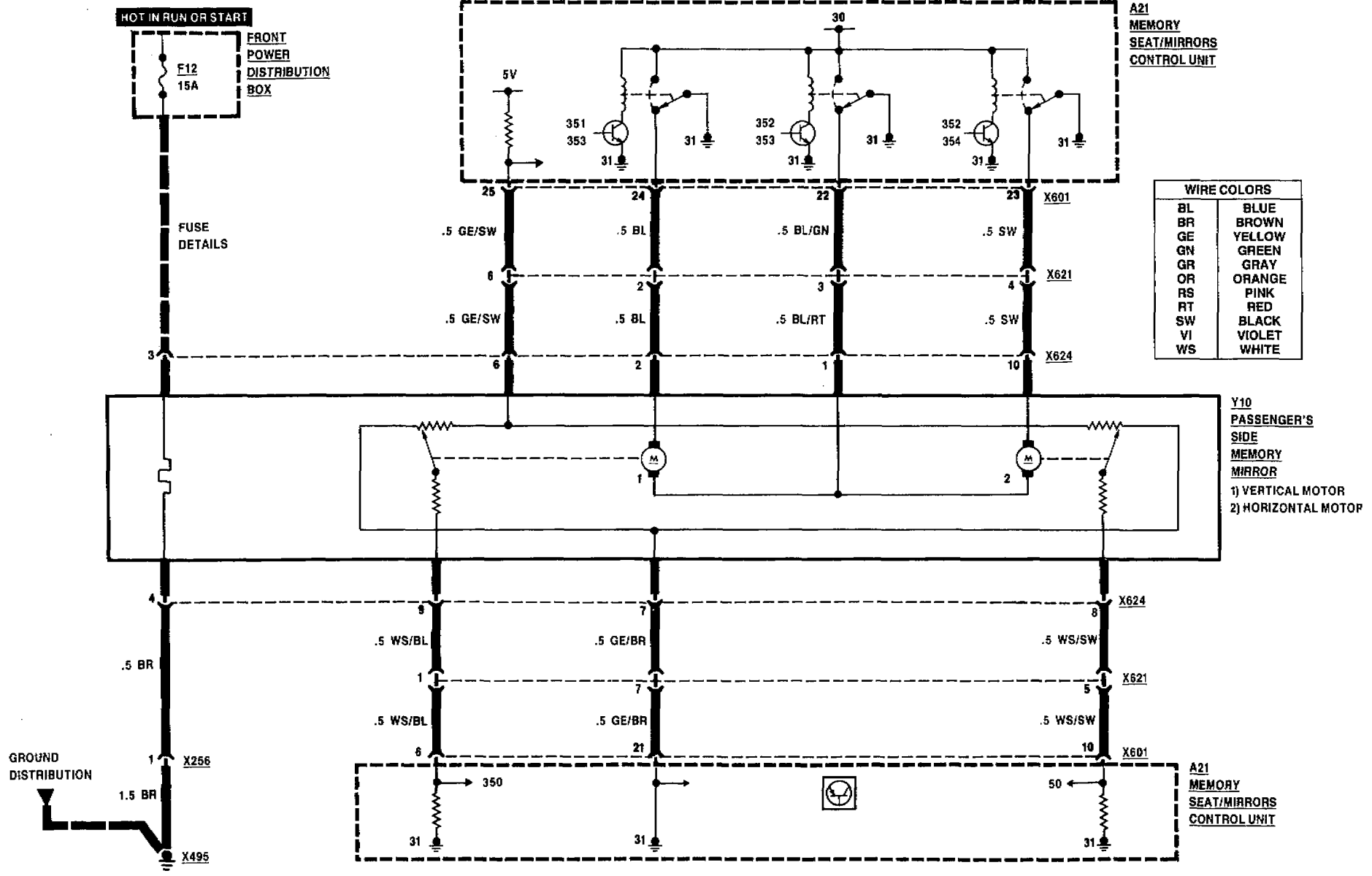




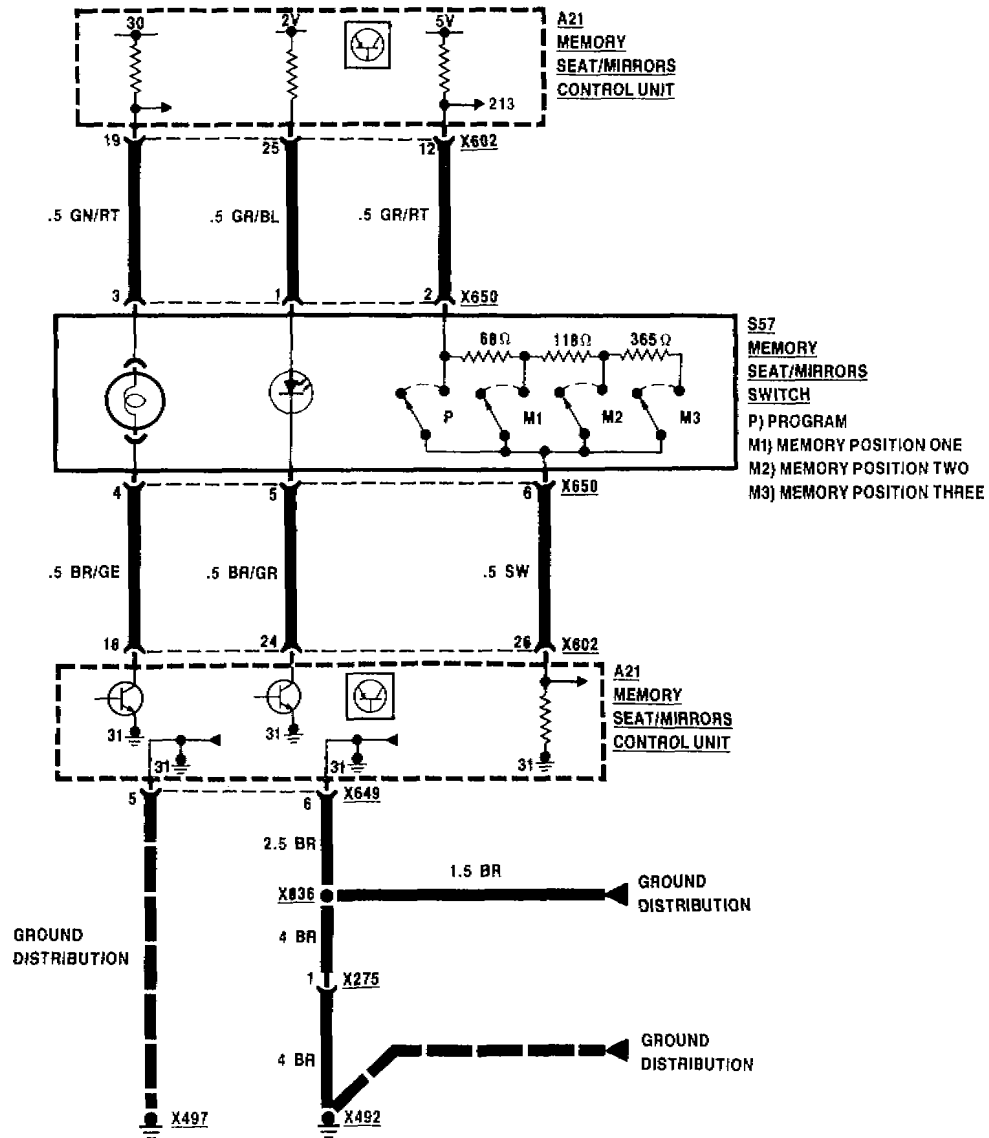
# MEMORY MIRRORS



# MEMORY MIRRORS



# MEMORY MIRRORS

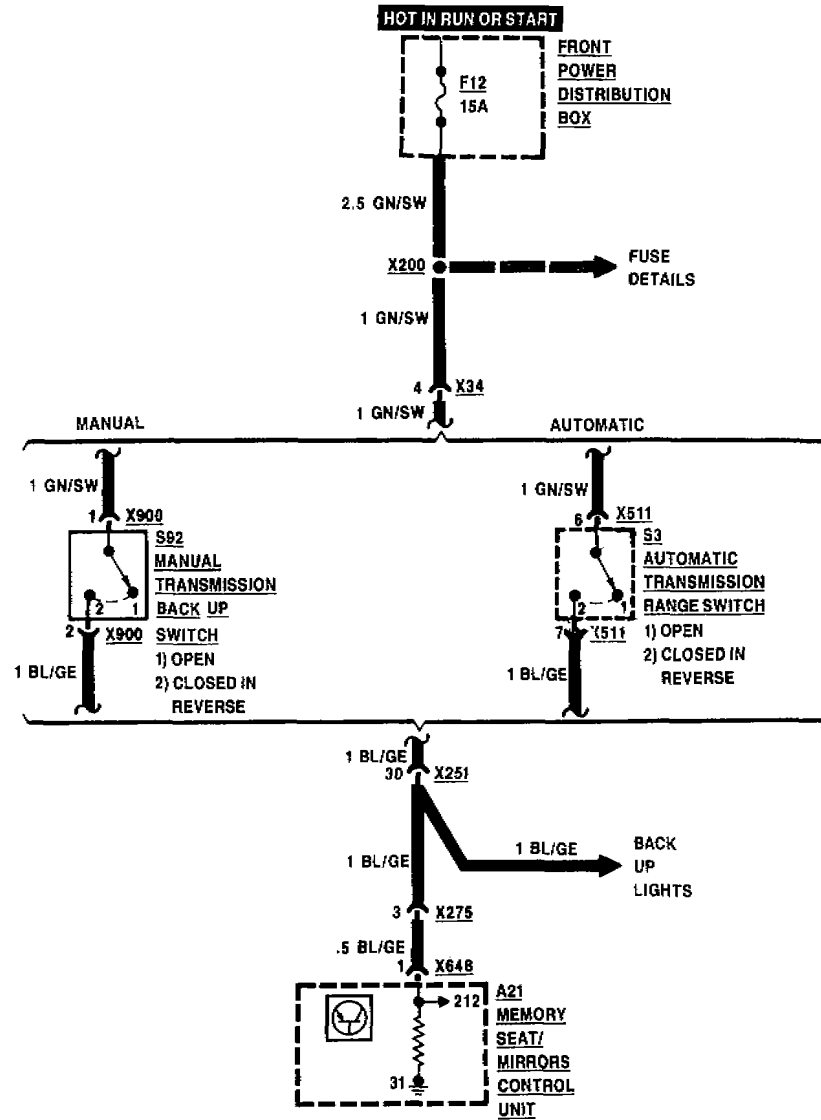


S57  
MEMORY  
SEAT/MIRRORS  
SWITCH  
P) PROGRAM  
M1) MEMORY POSITION ONE  
M2) MEMORY POSITION TWO  
M3) MEMORY POSITION THREE

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



# MEMORY MIRRORS

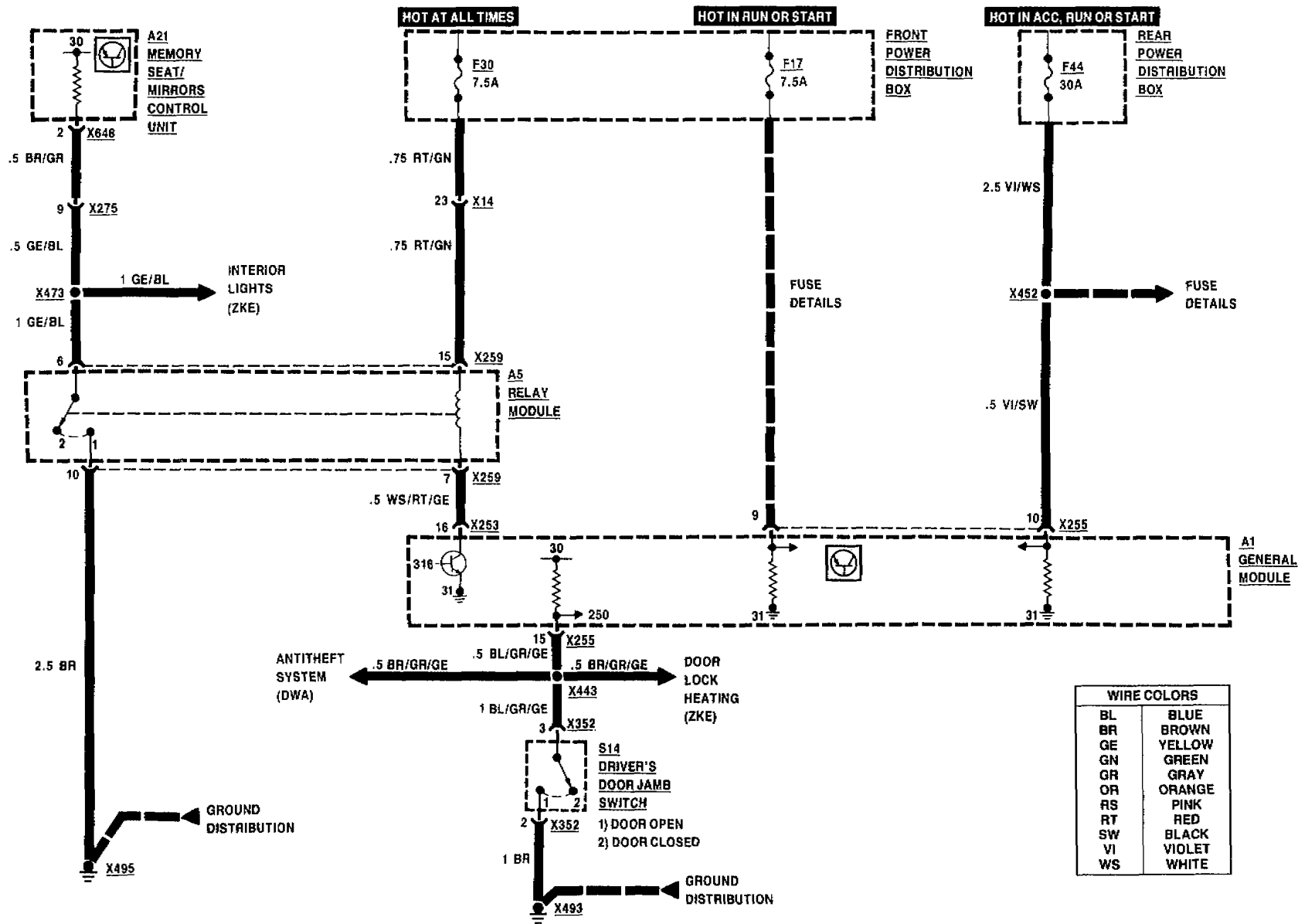


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

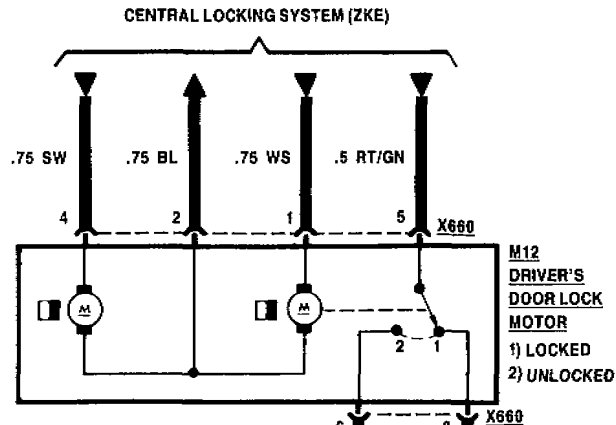




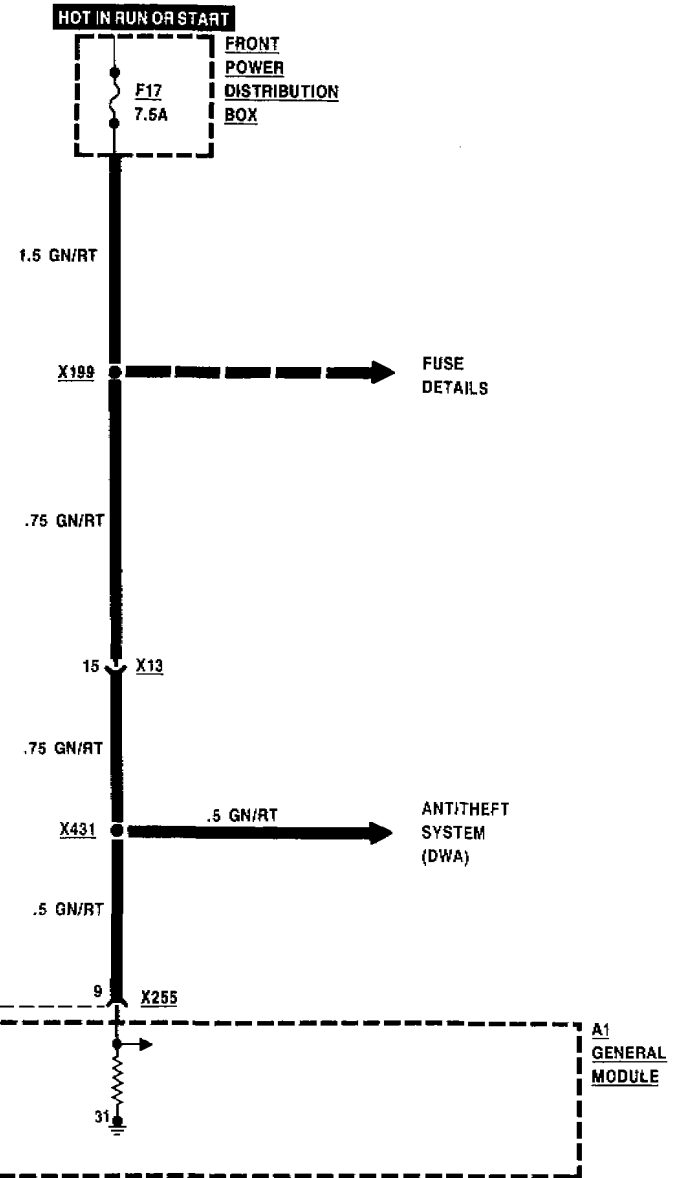
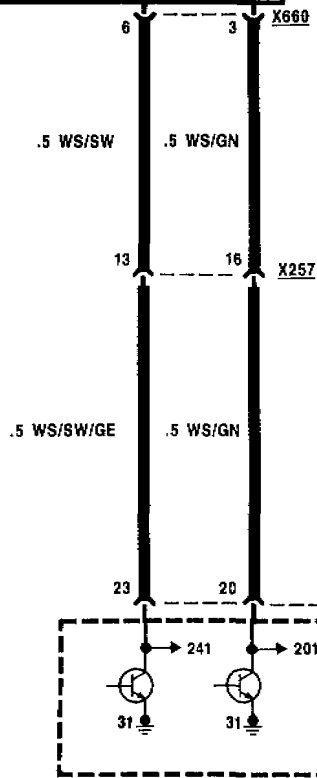
# MEMORY MIRRORS



**BMW 7** **DOOR LOCK HEATING (ZKE)**  
**INPUT DETAILS**



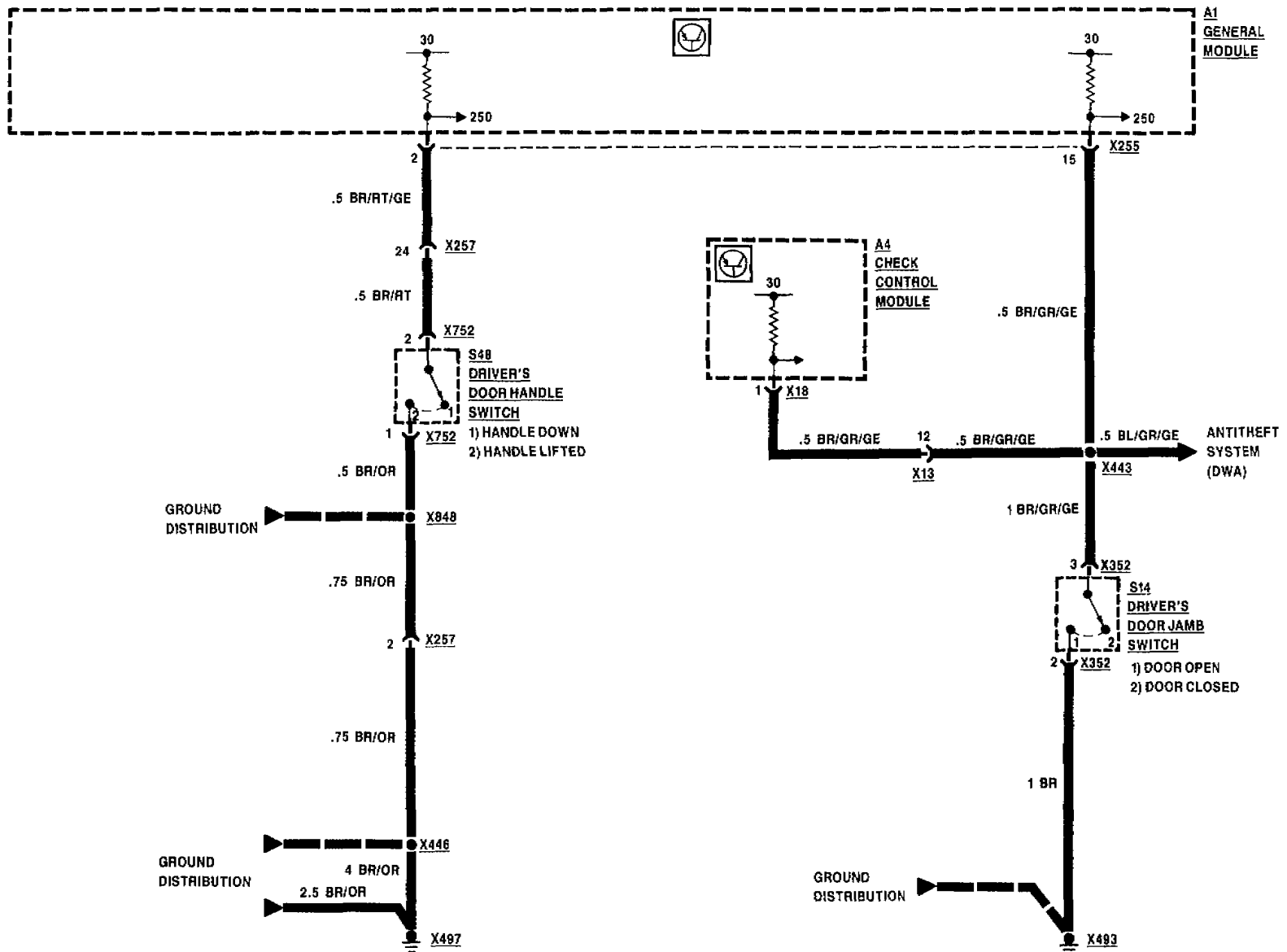
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# DOOR LOCK HEATING (ZKE)

## INPUT DETAILS

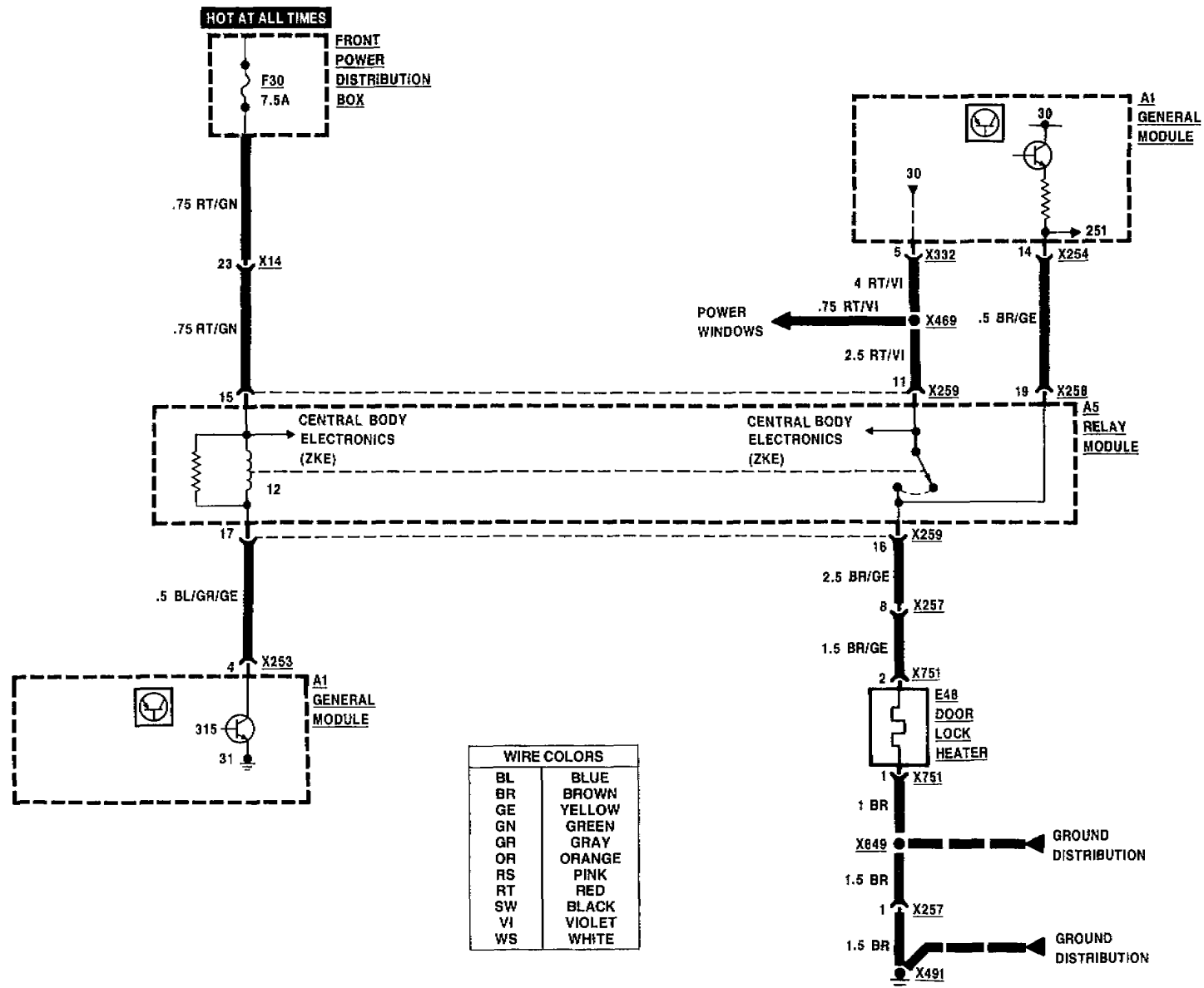


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



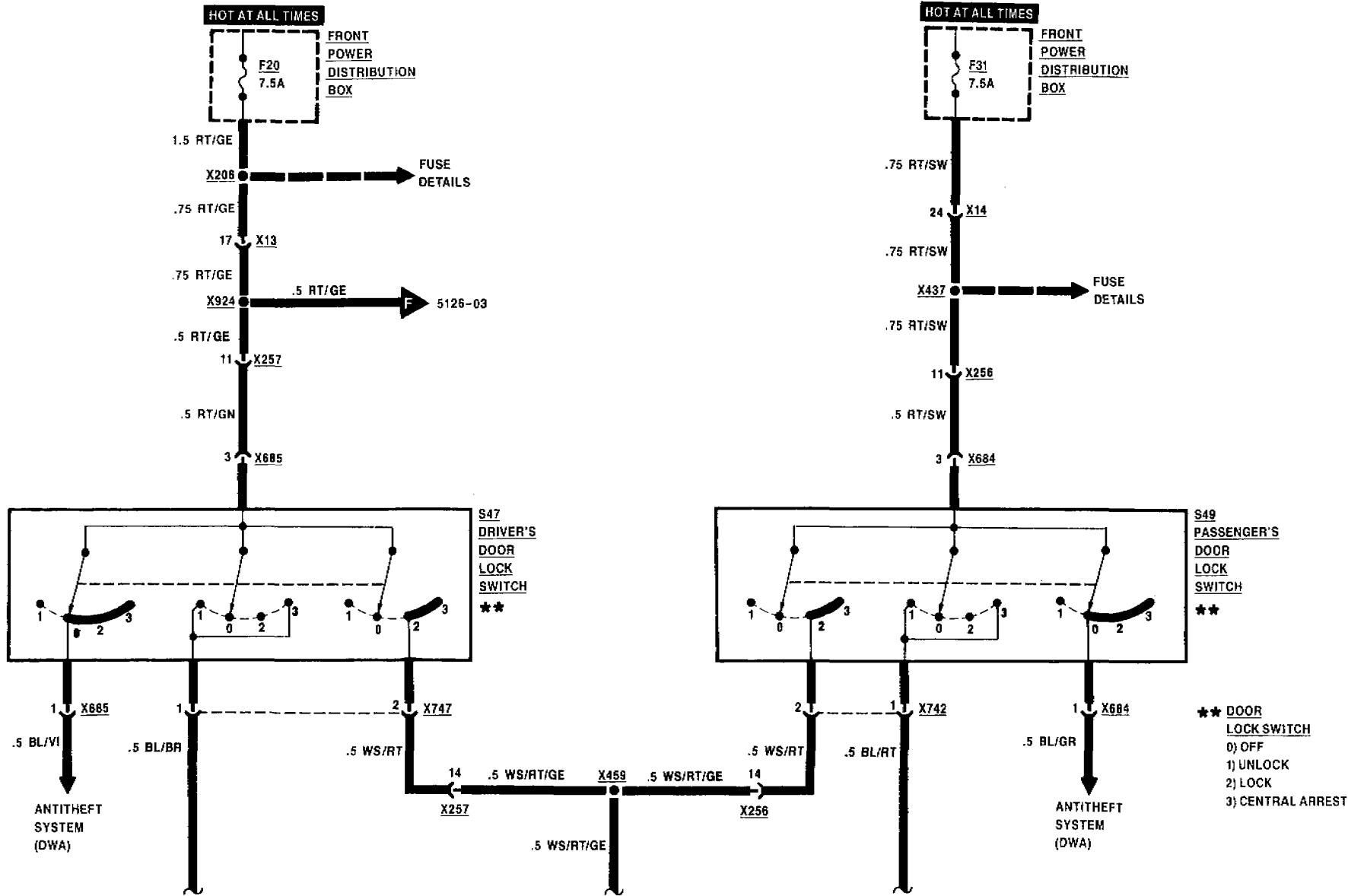
# DOOR LOCK HEATING (ZKE)

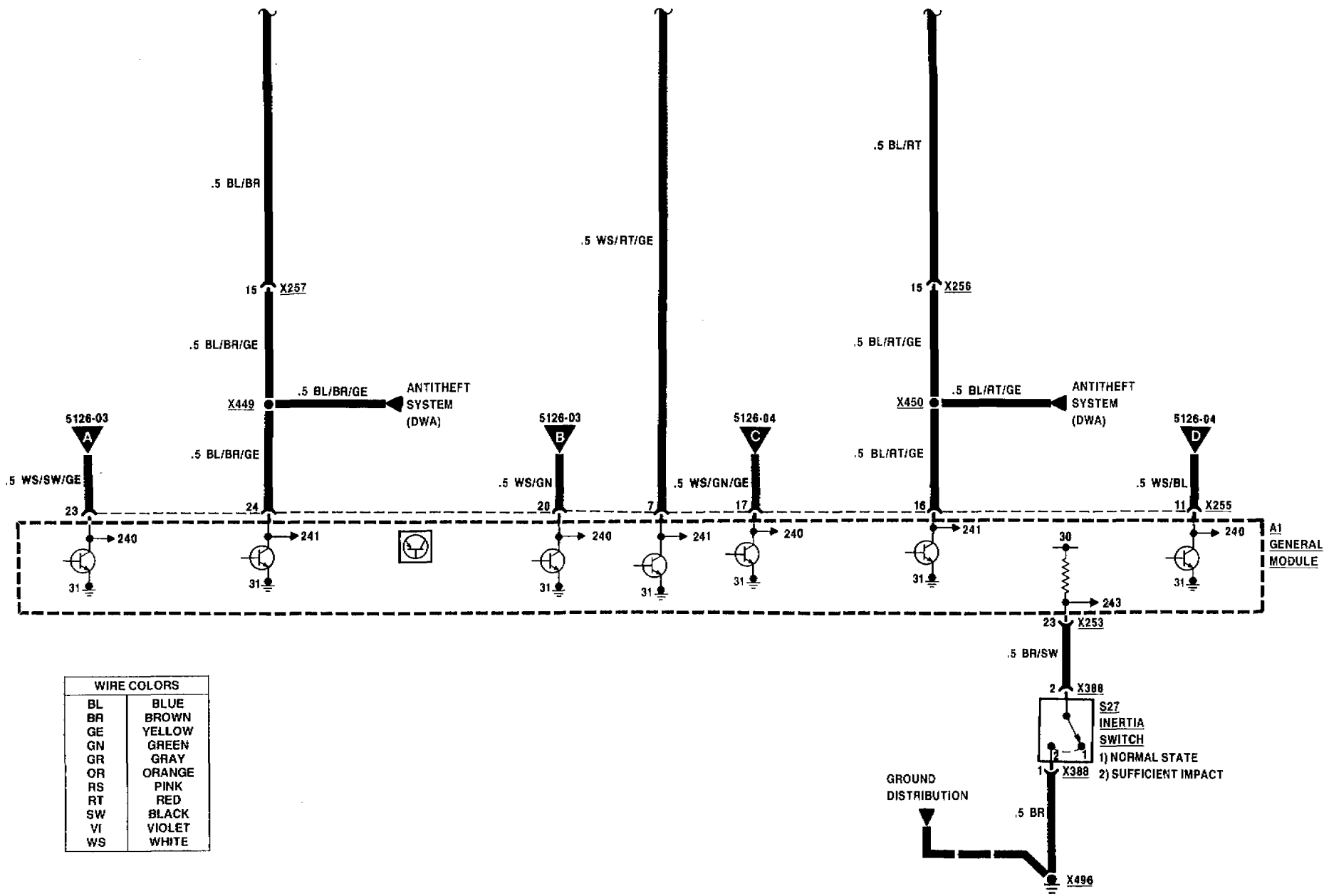
## OUTPUT DETAILS



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** **CENTRAL LOCKING SYSTEM (ZKE)**  
**INPUT DETAILS**

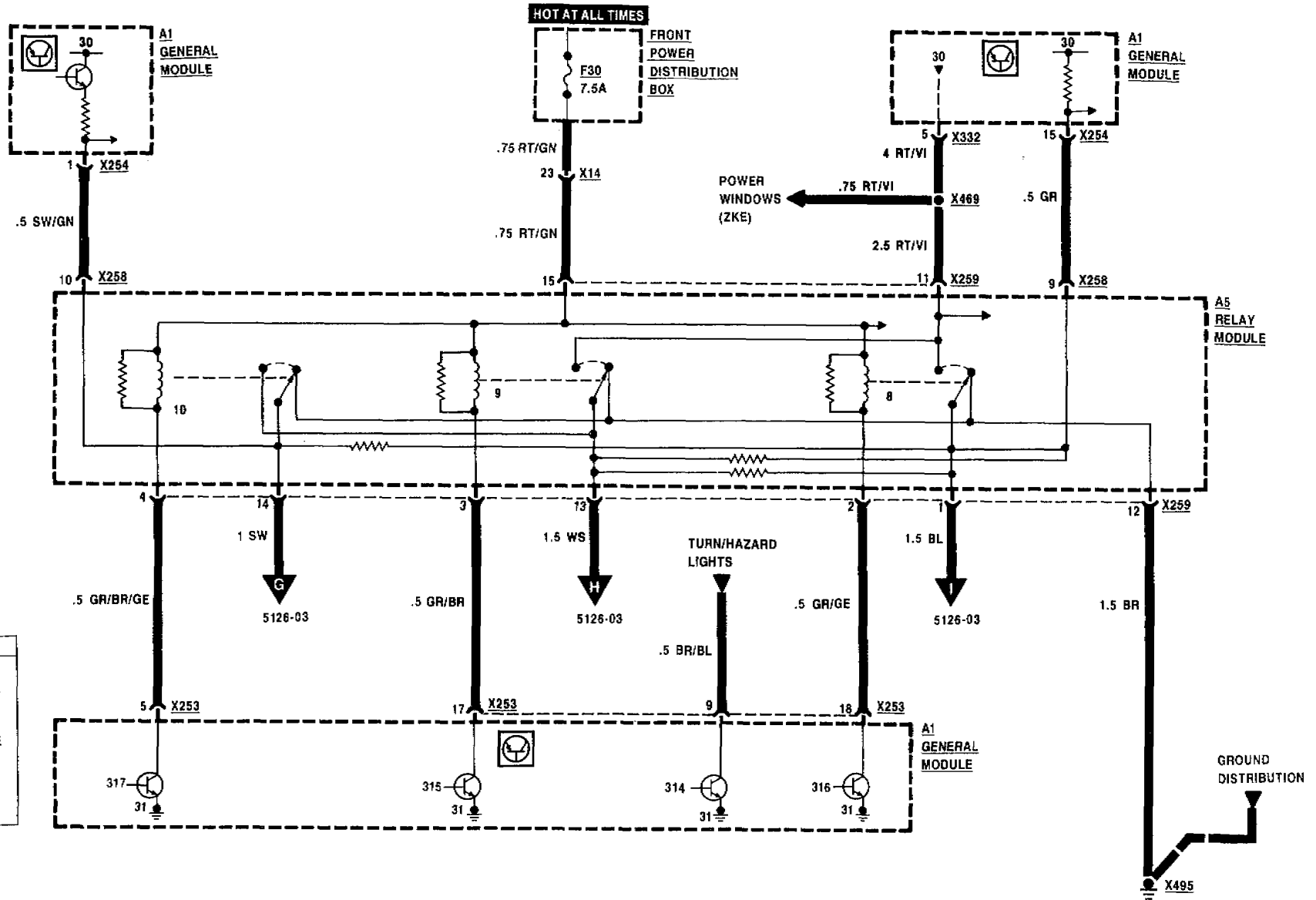




WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# 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

02/87

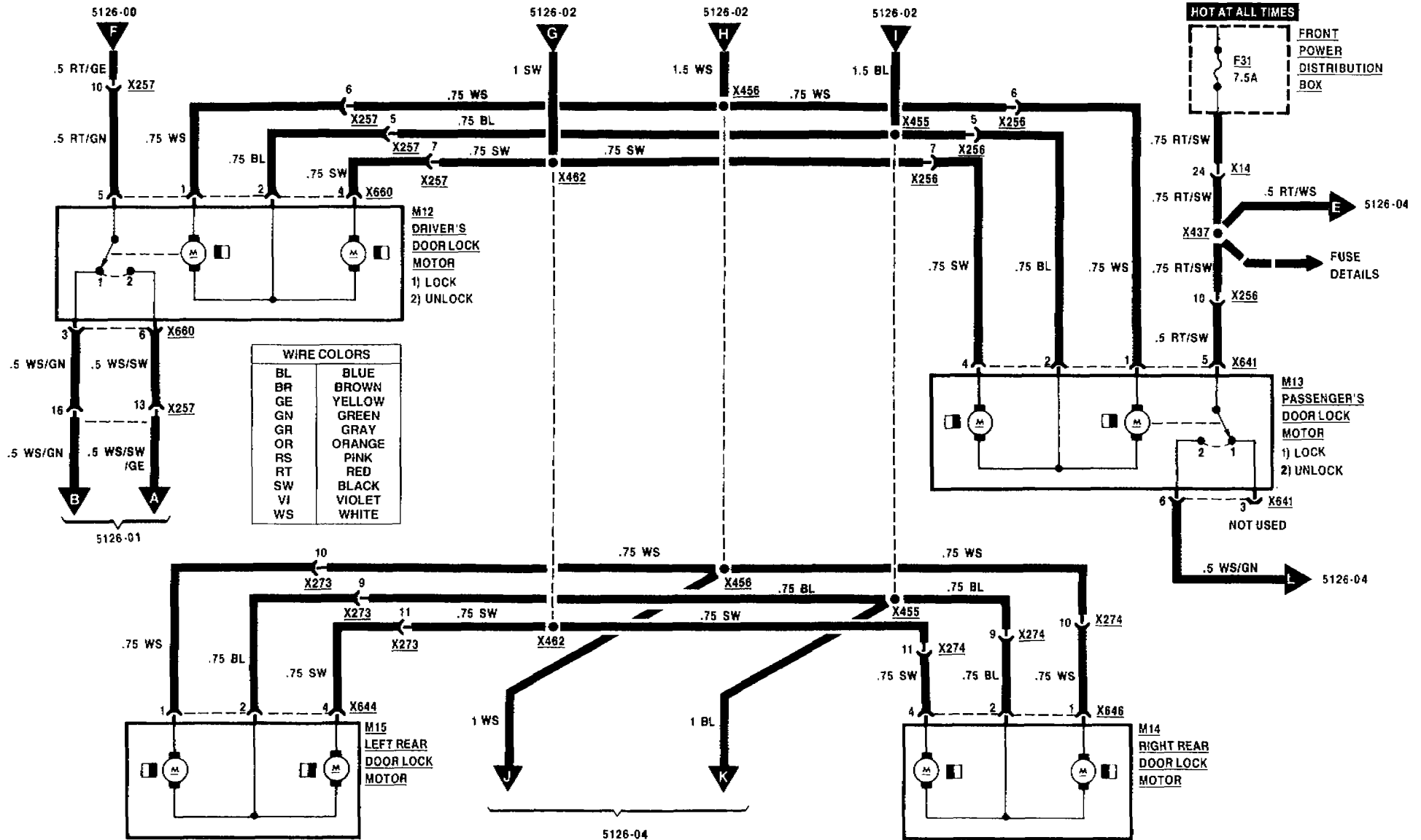
5126-02

1988



# CENTRAL LOCKING SYSTEM (ZKE)

## OUTPUT DETAILS

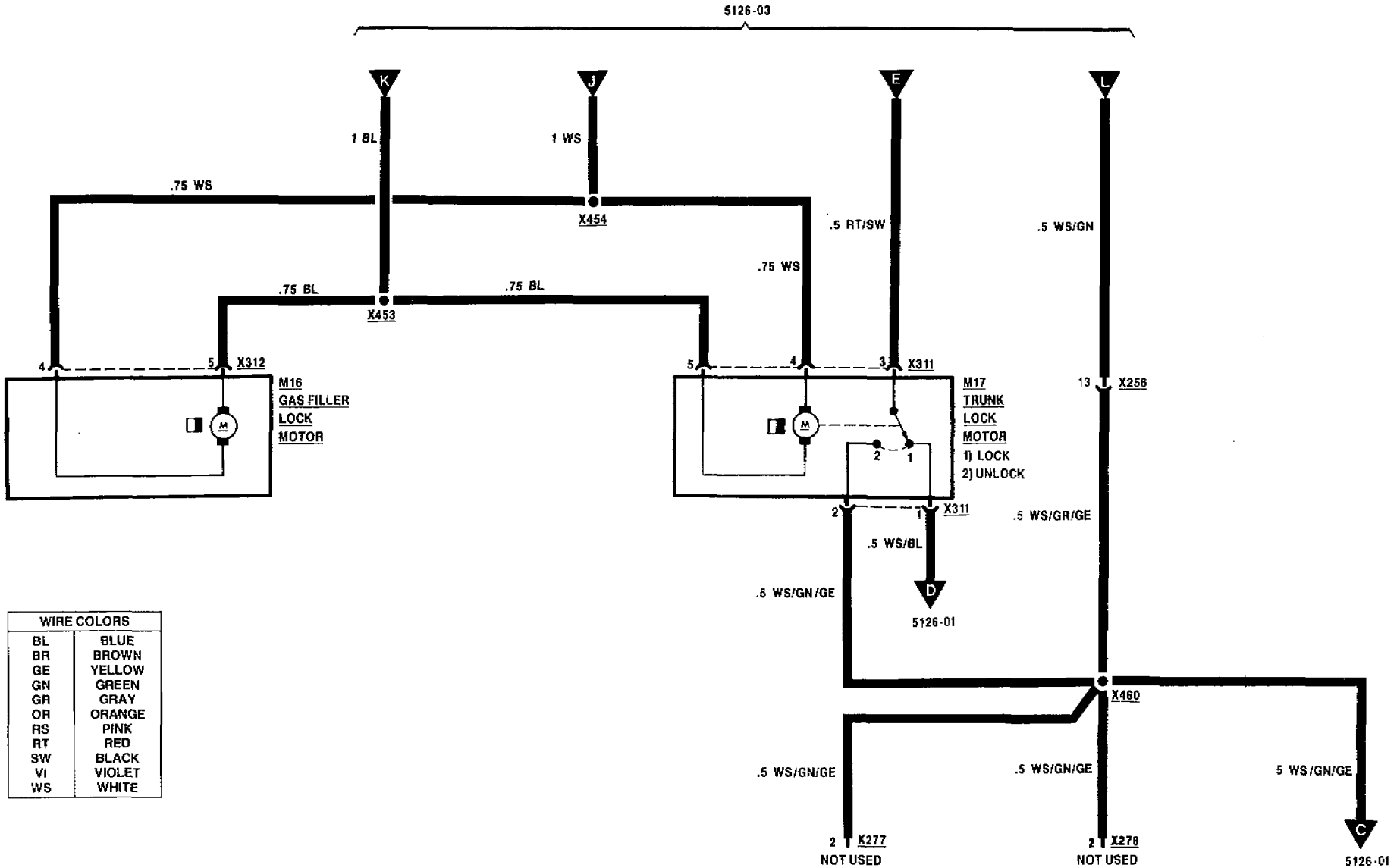






# CENTRAL LOCKING SYSTEM (ZKE)

## OUTPUT DETAILS

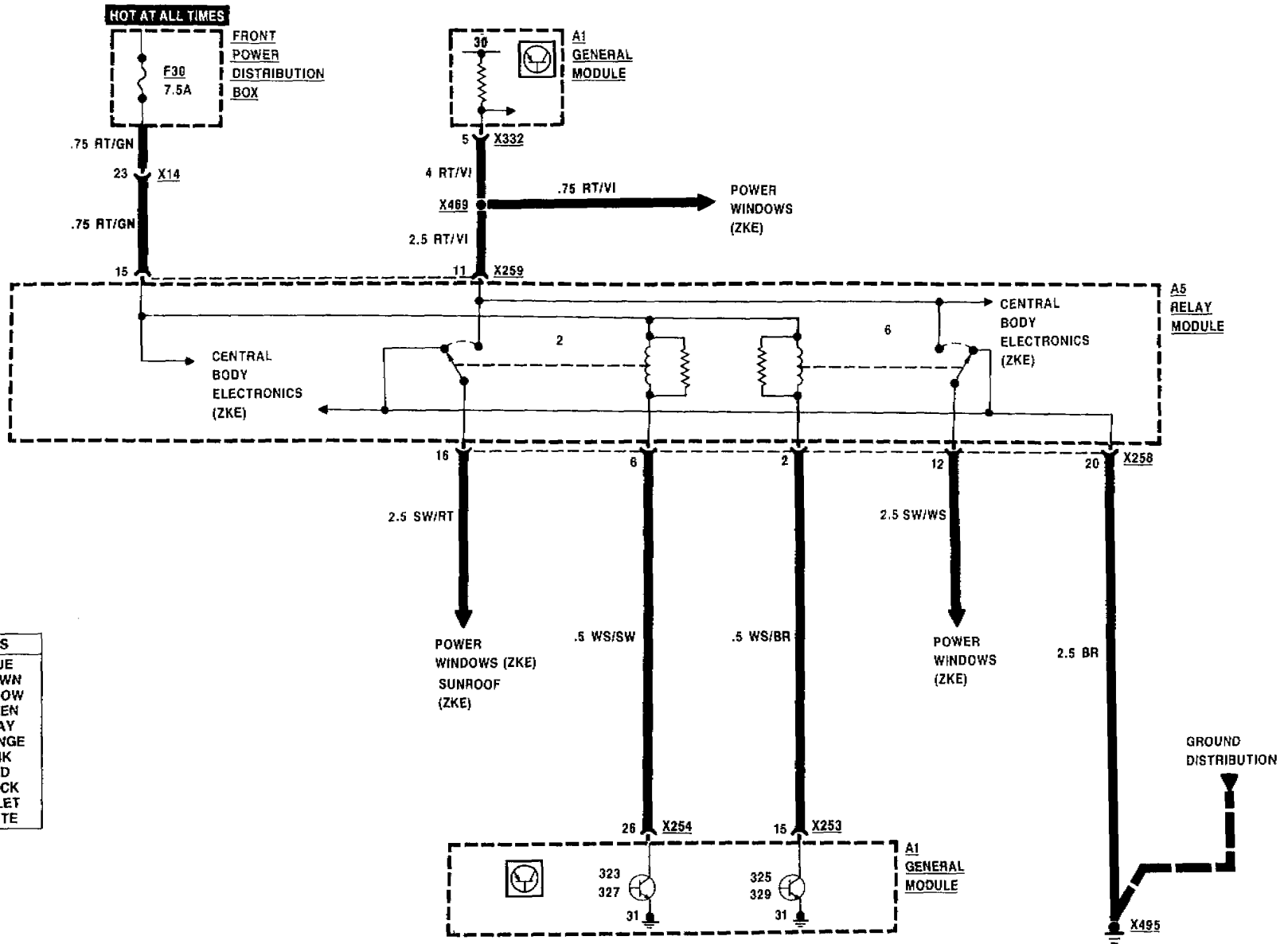


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# CENTRAL LOCKING SYSTEM (ZKE)

## OUTPUT DETAILS



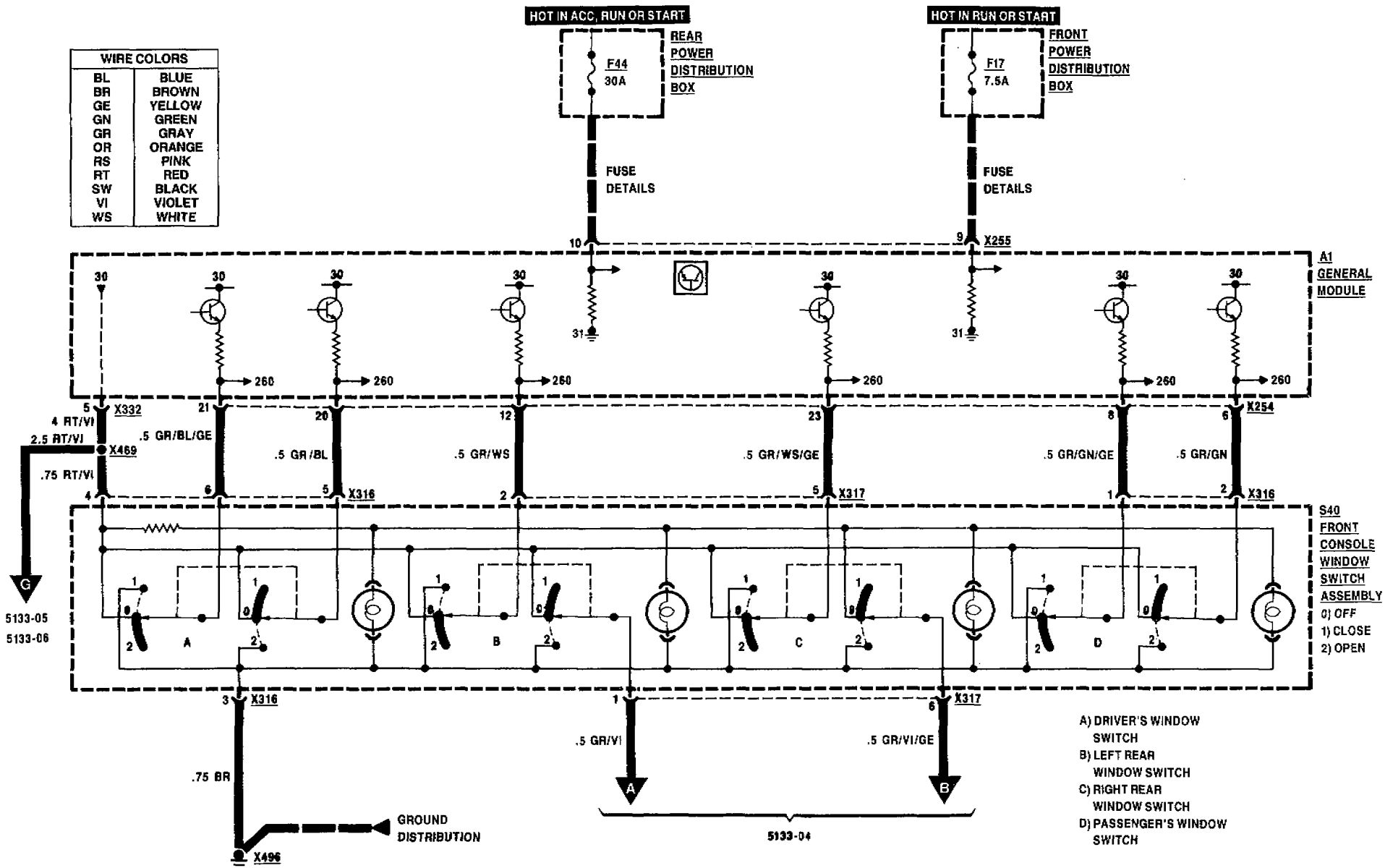
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# POWER WINDOWS (ZKE)

## INPUT DETAILS

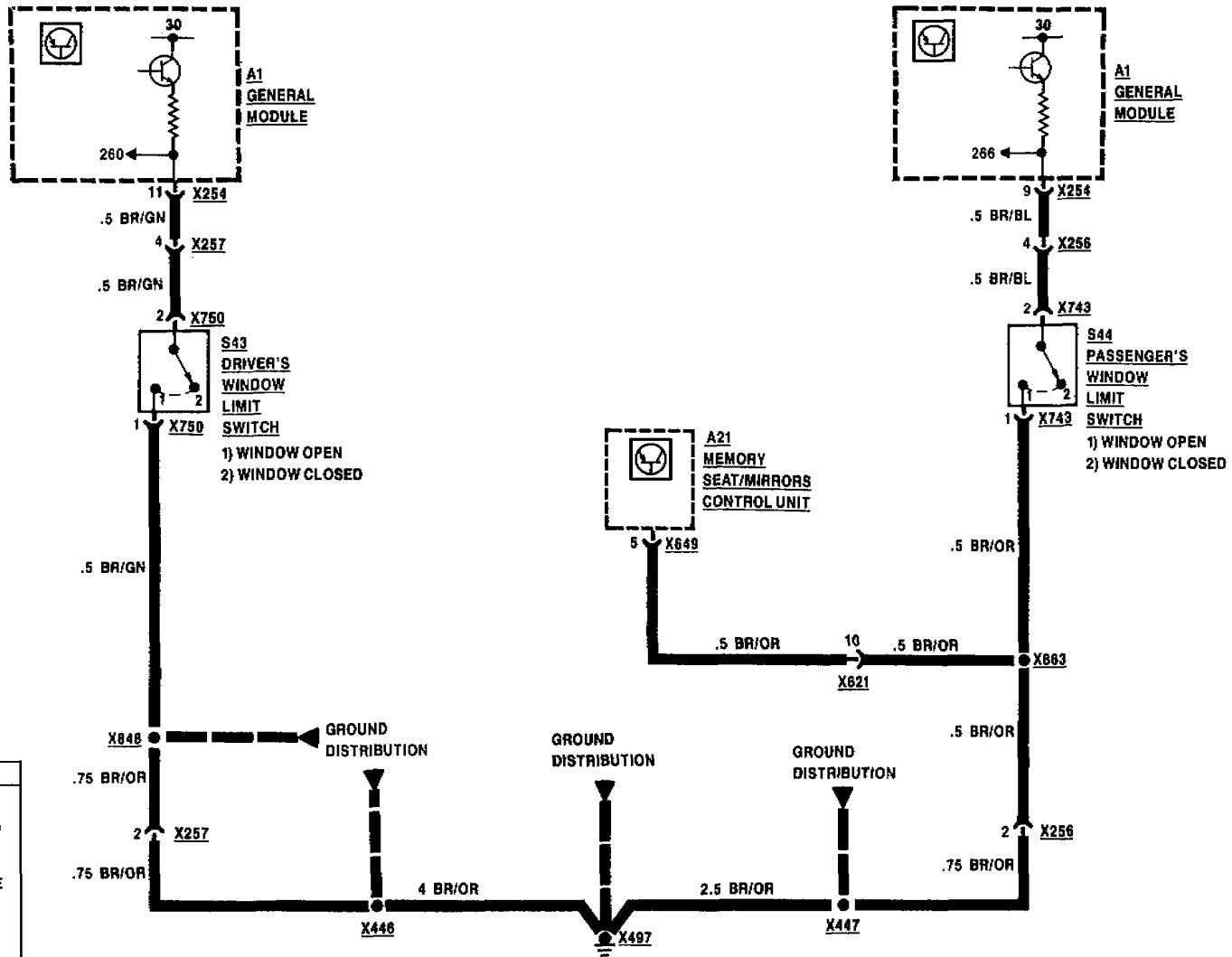
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



- A) DRIVER'S WINDOW SWITCH
- B) LEFT REAR WINDOW SWITCH
- C) RIGHT REAR WINDOW SWITCH
- D) PASSENGER'S WINDOW SWITCH



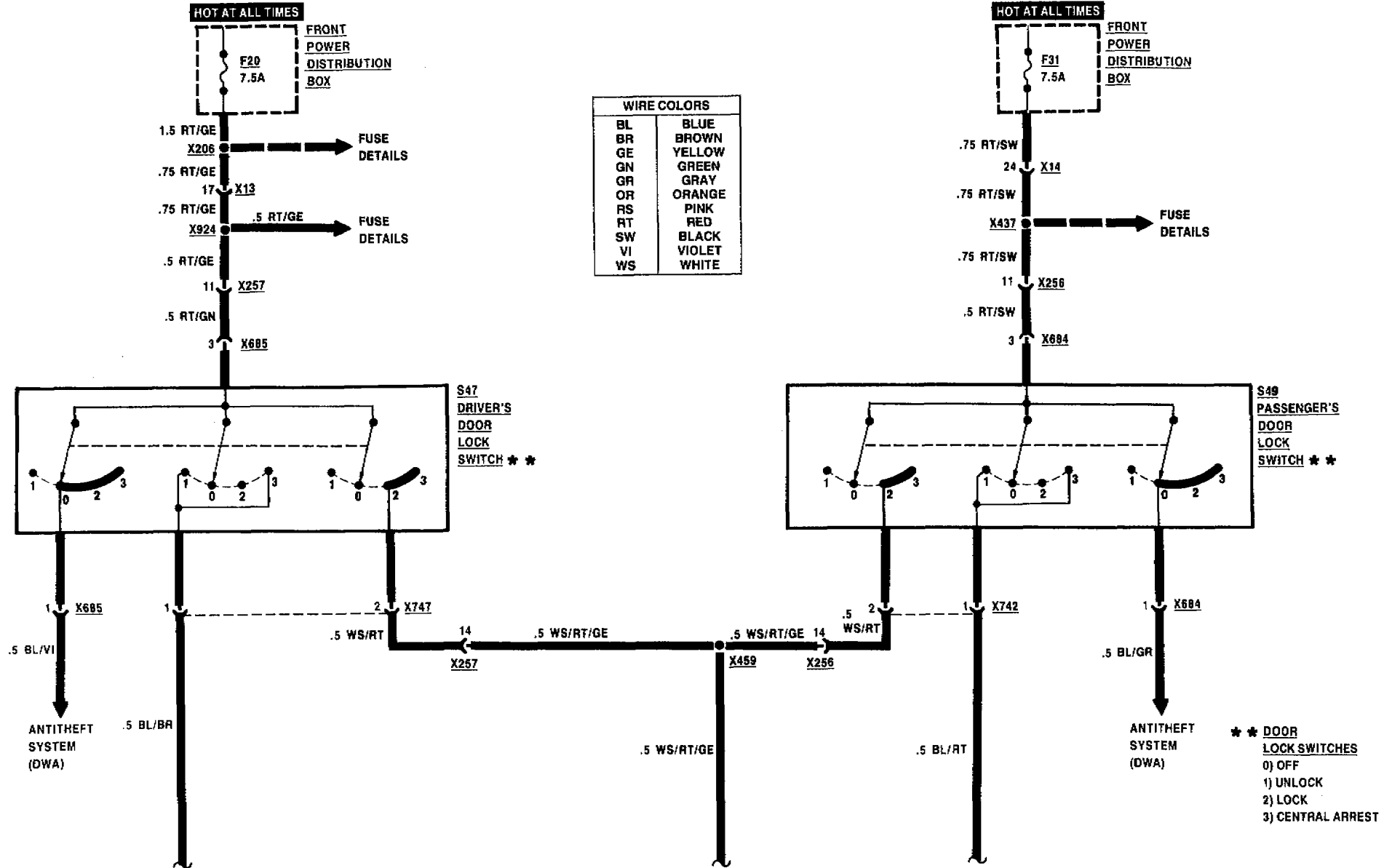
# POWER WINDOWS (ZKE) INPUT DETAILS

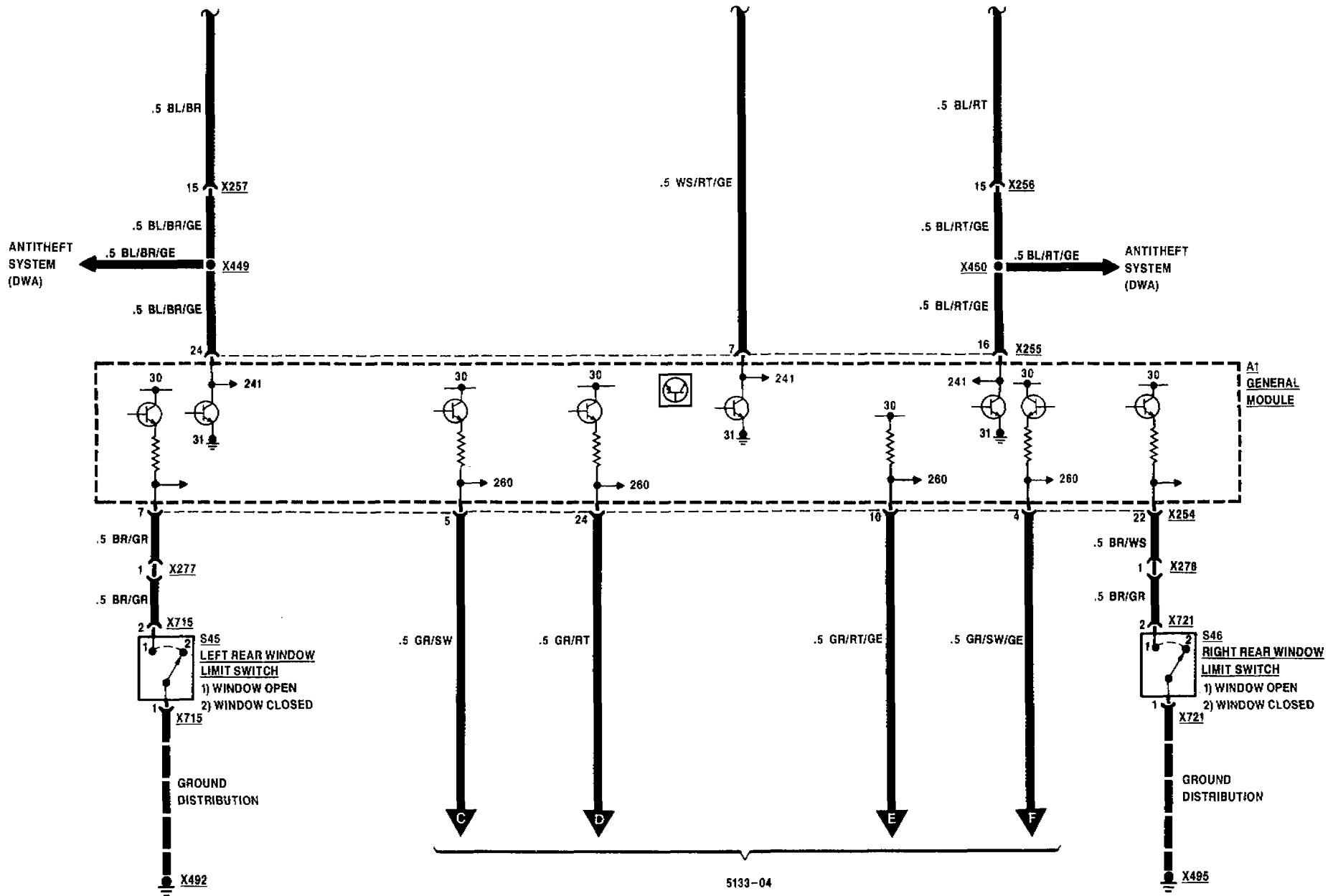


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# POWER WINDOWS (ZKE) INPUT DETAILS



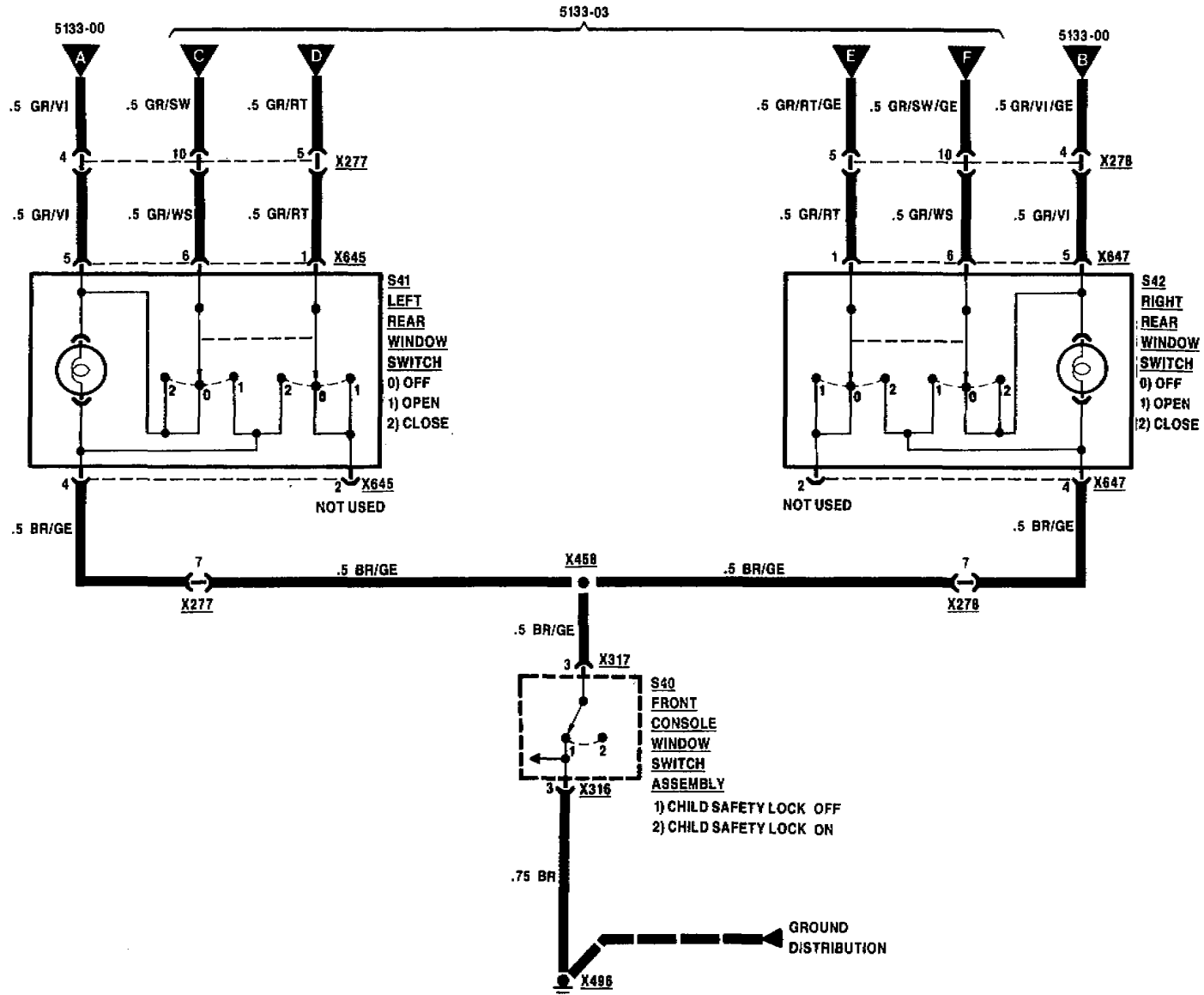


5133-04



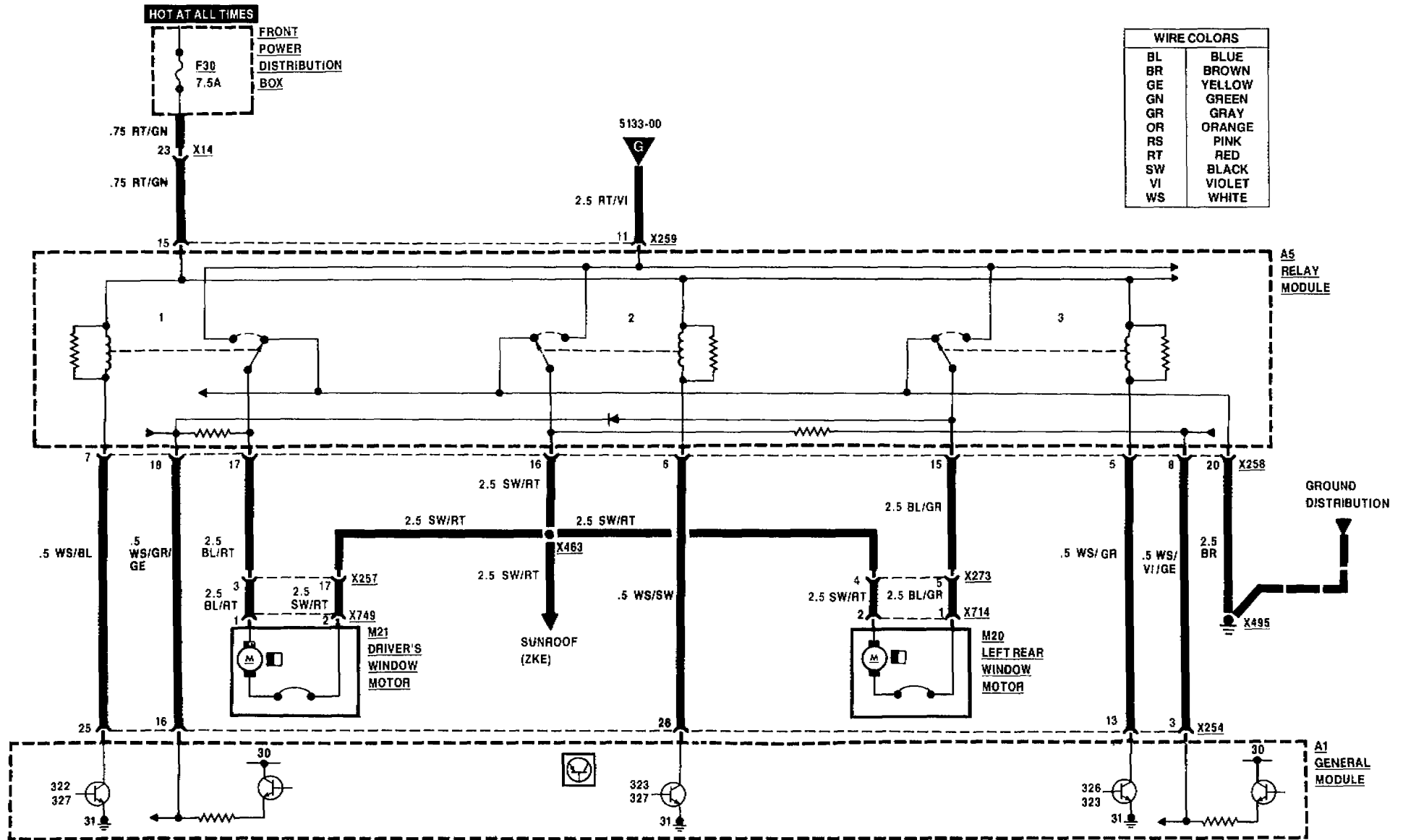
# POWER WINDOWS (ZKE)

## INPUT DETAILS





# POWER WINDOWS (ZKE) LEFT SIDE OUTPUT DETAILS



08/87

5133-05

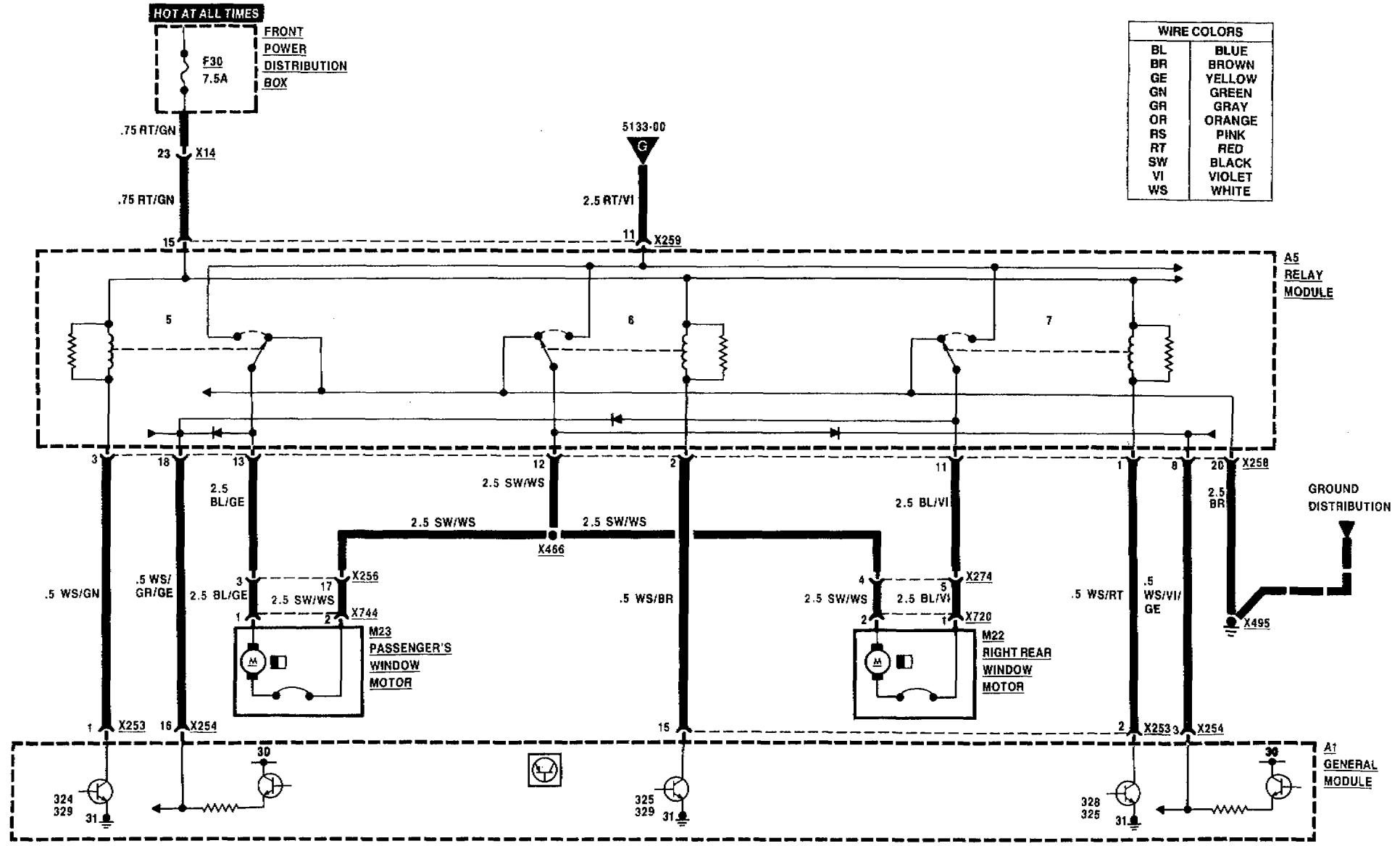
1988





# POWER WINDOWS (ZKE)

## RIGHT SIDE OUTPUT DETAILS



08/87

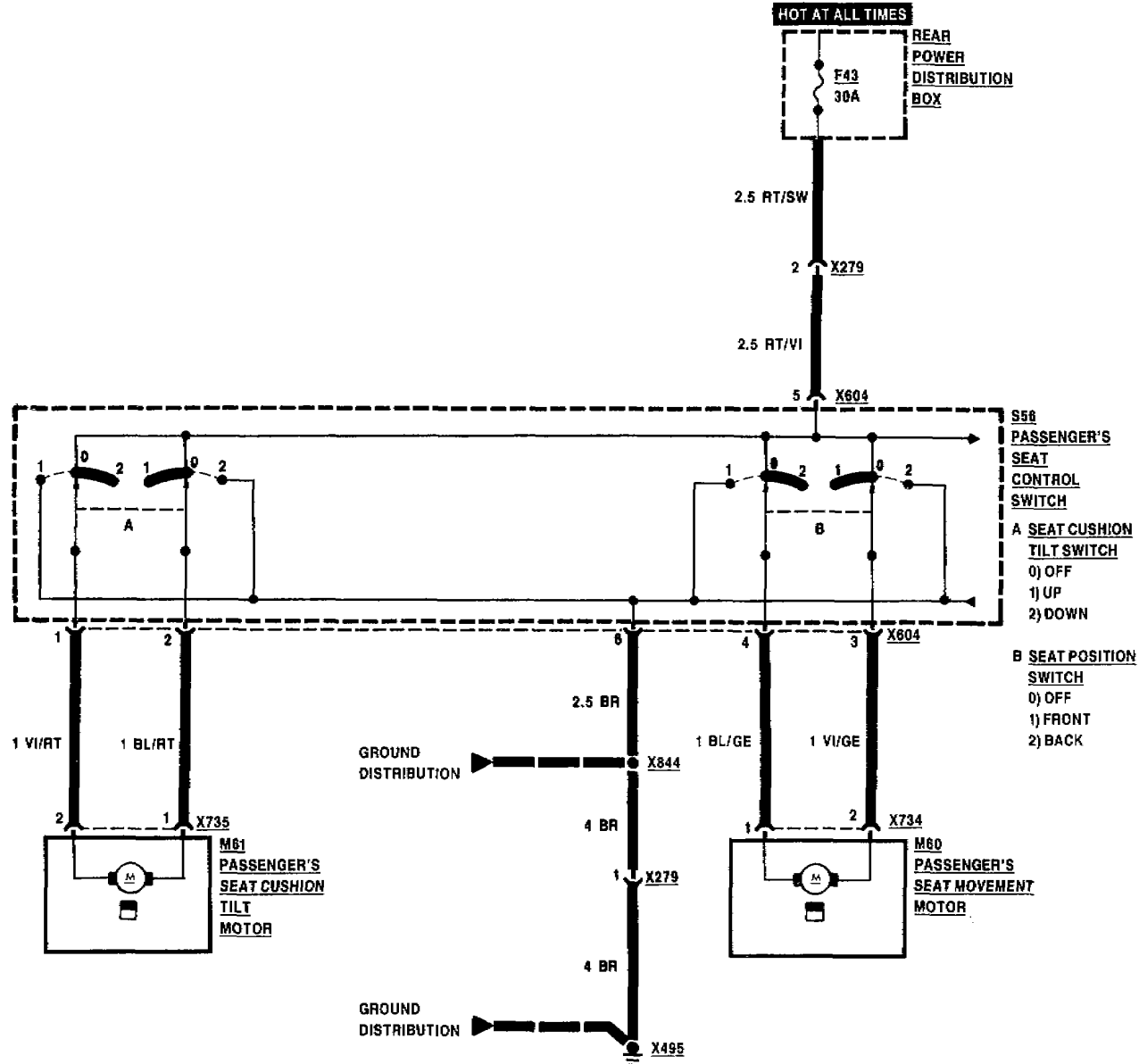
5133-06

1988



# POWER SEATS

## PASSENGER'S SEAT



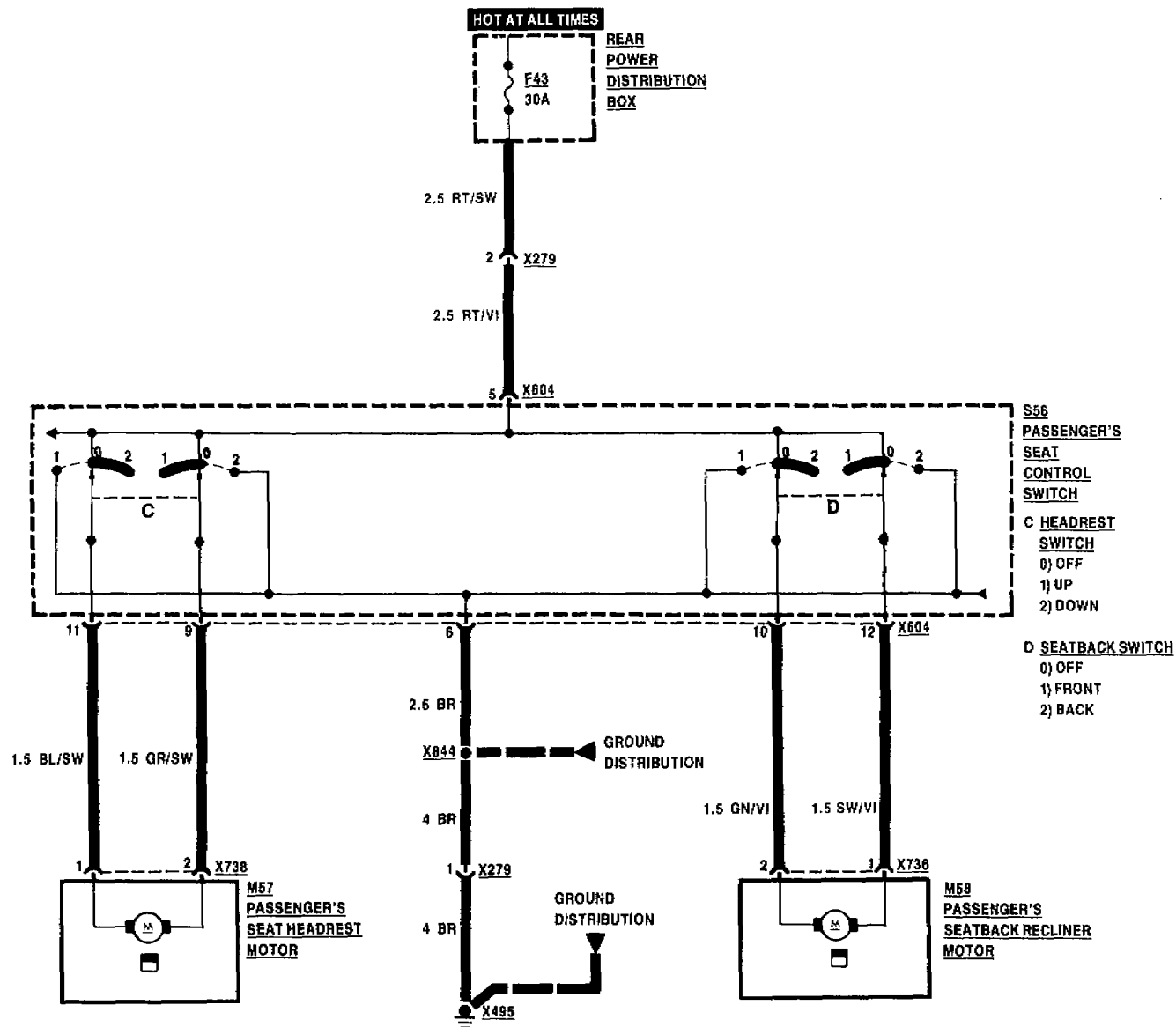
S58  
PASSENGER'S  
SEAT  
CONTROL  
SWITCH

A SEAT CUSHION  
TILT SWITCH  
0) OFF  
1) UP  
2) DOWN

B SEAT POSITION  
SWITCH  
0) OFF  
1) FRONT  
2) BACK

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** **POWER SEATS**  
**PASSENGER'S SEAT**

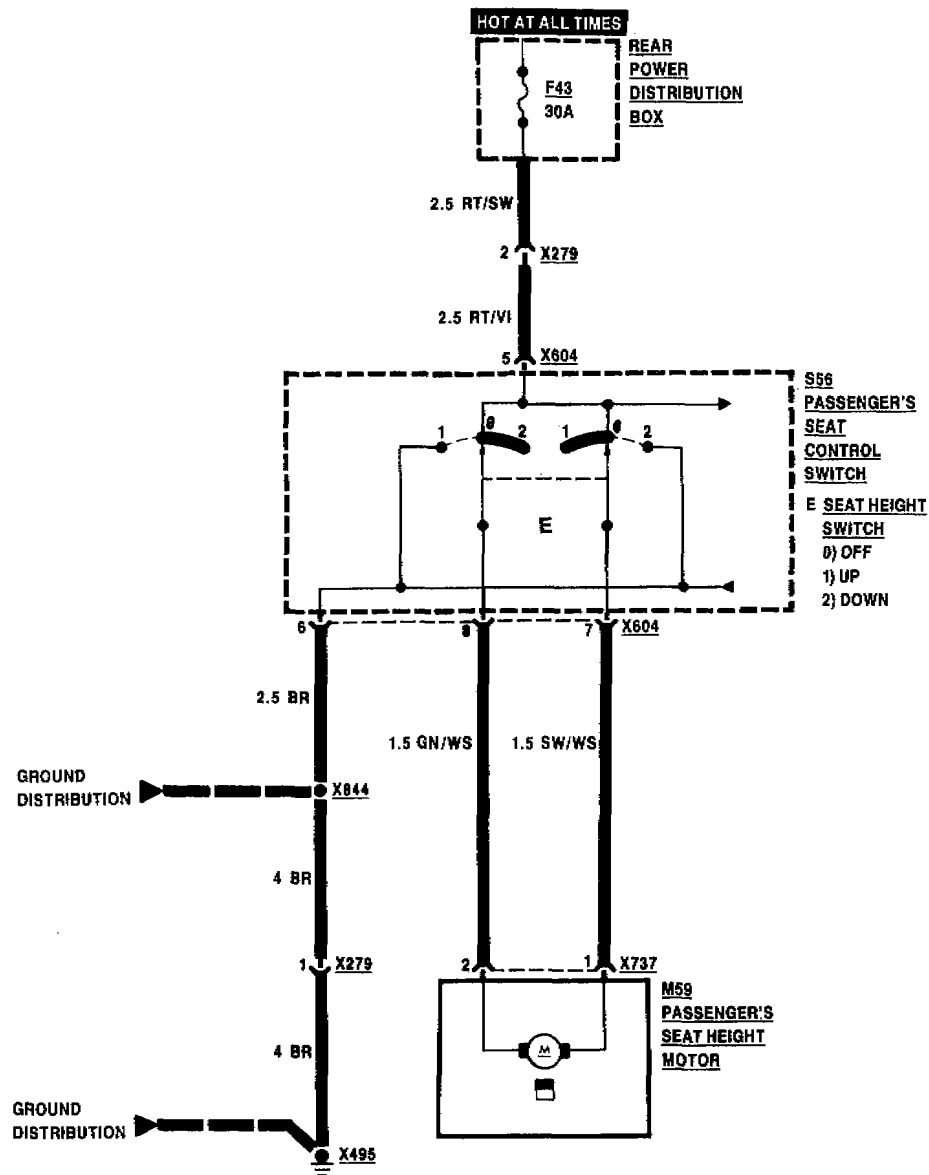


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# POWER SEATS

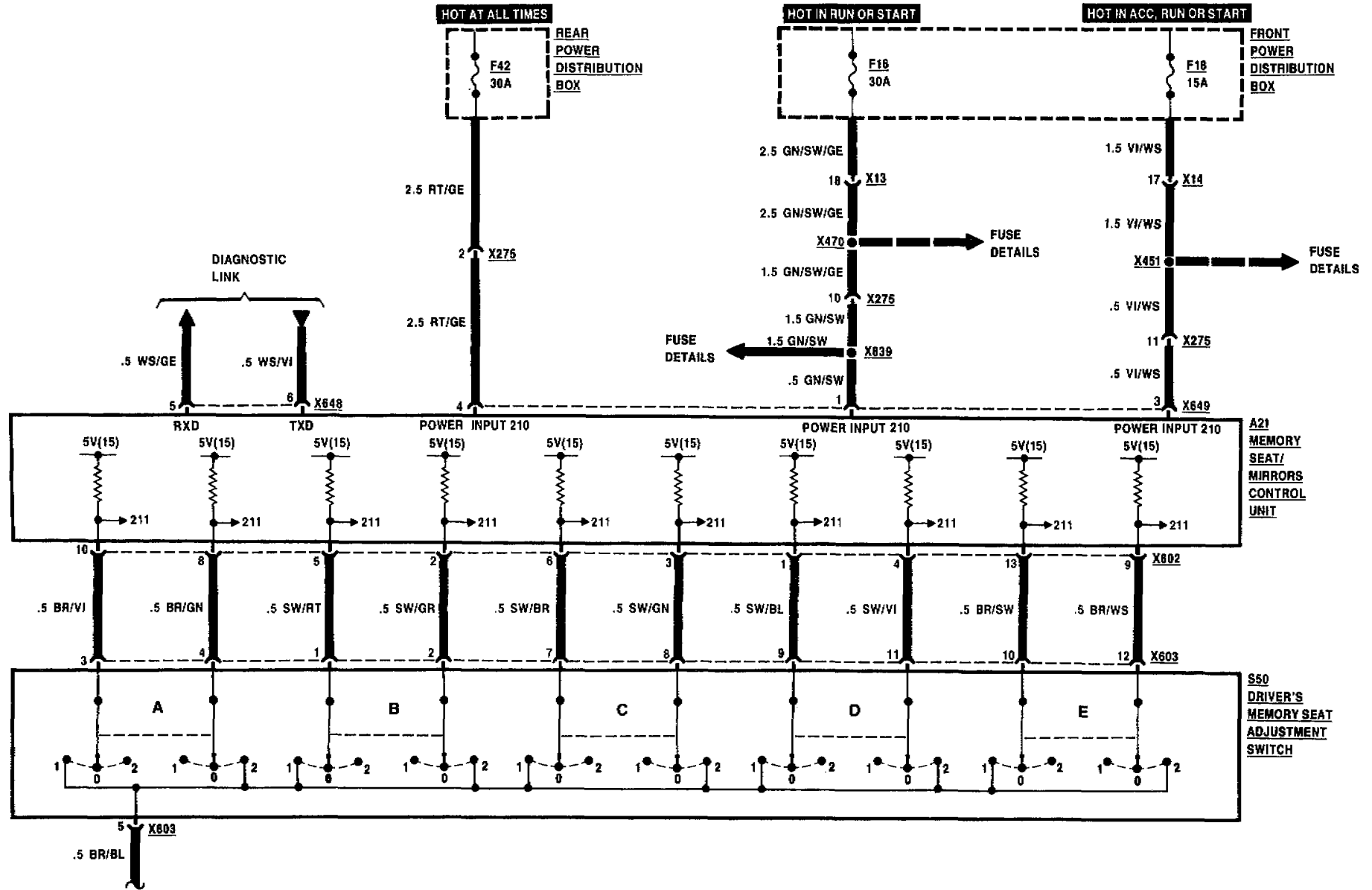
## PASSENGER'S SEAT



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



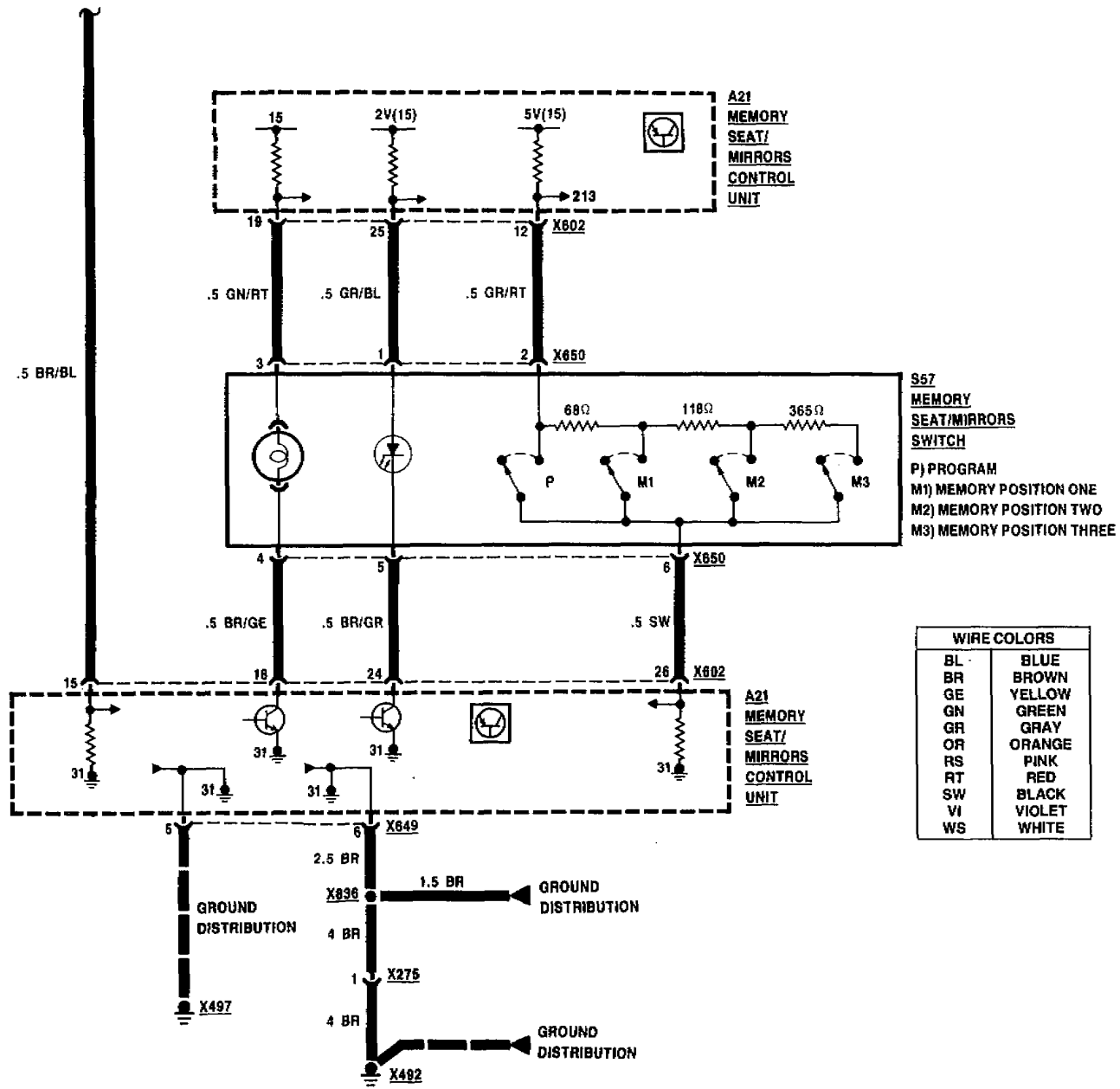
# MEMORY SEAT



08/87

5201-00

1988

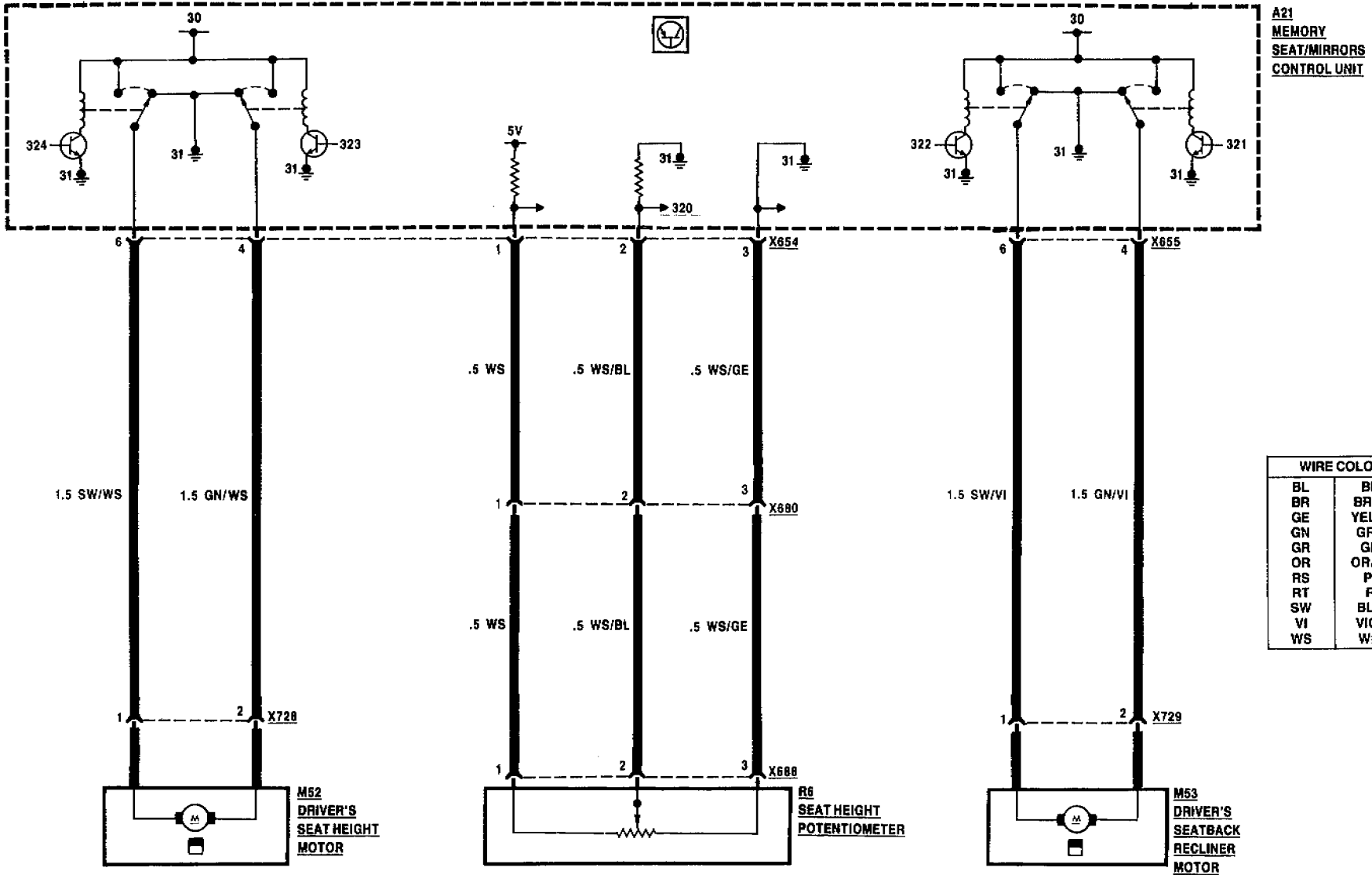


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

- 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



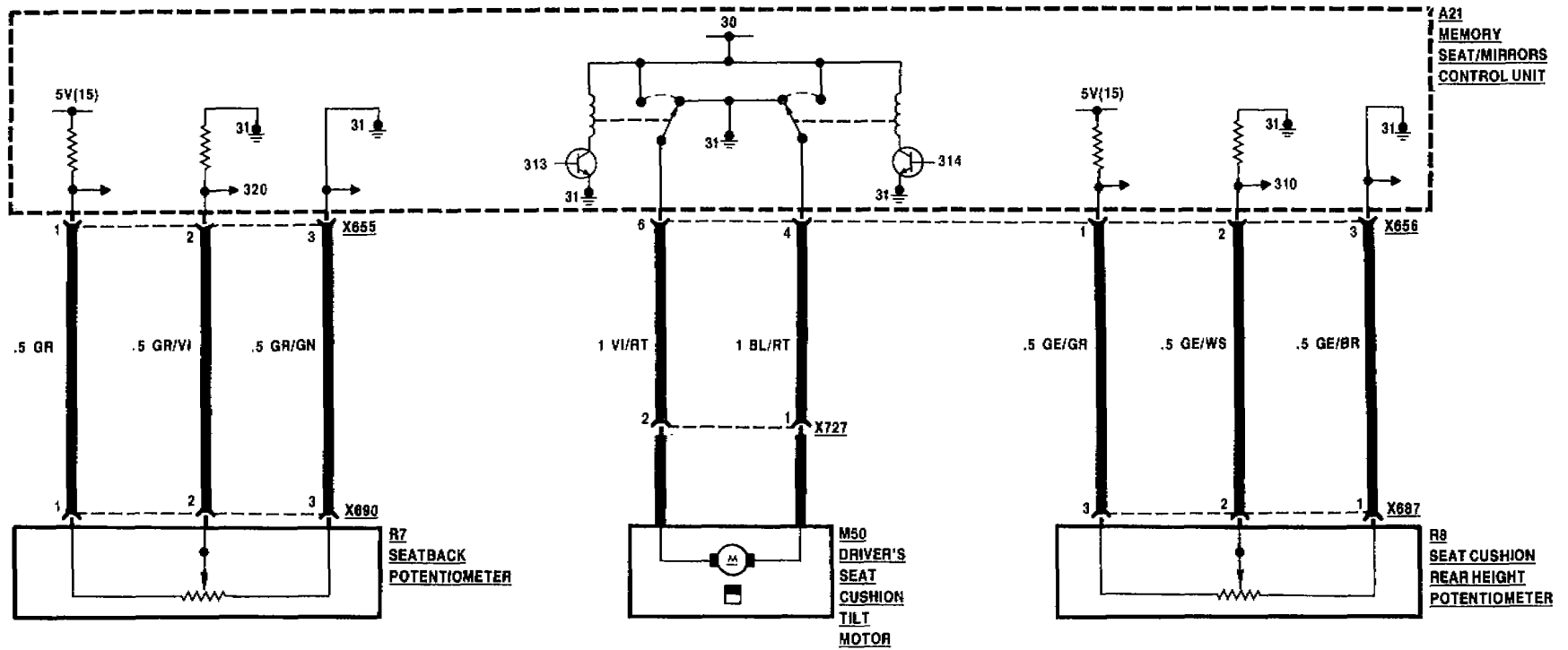
# MEMORY SEAT



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



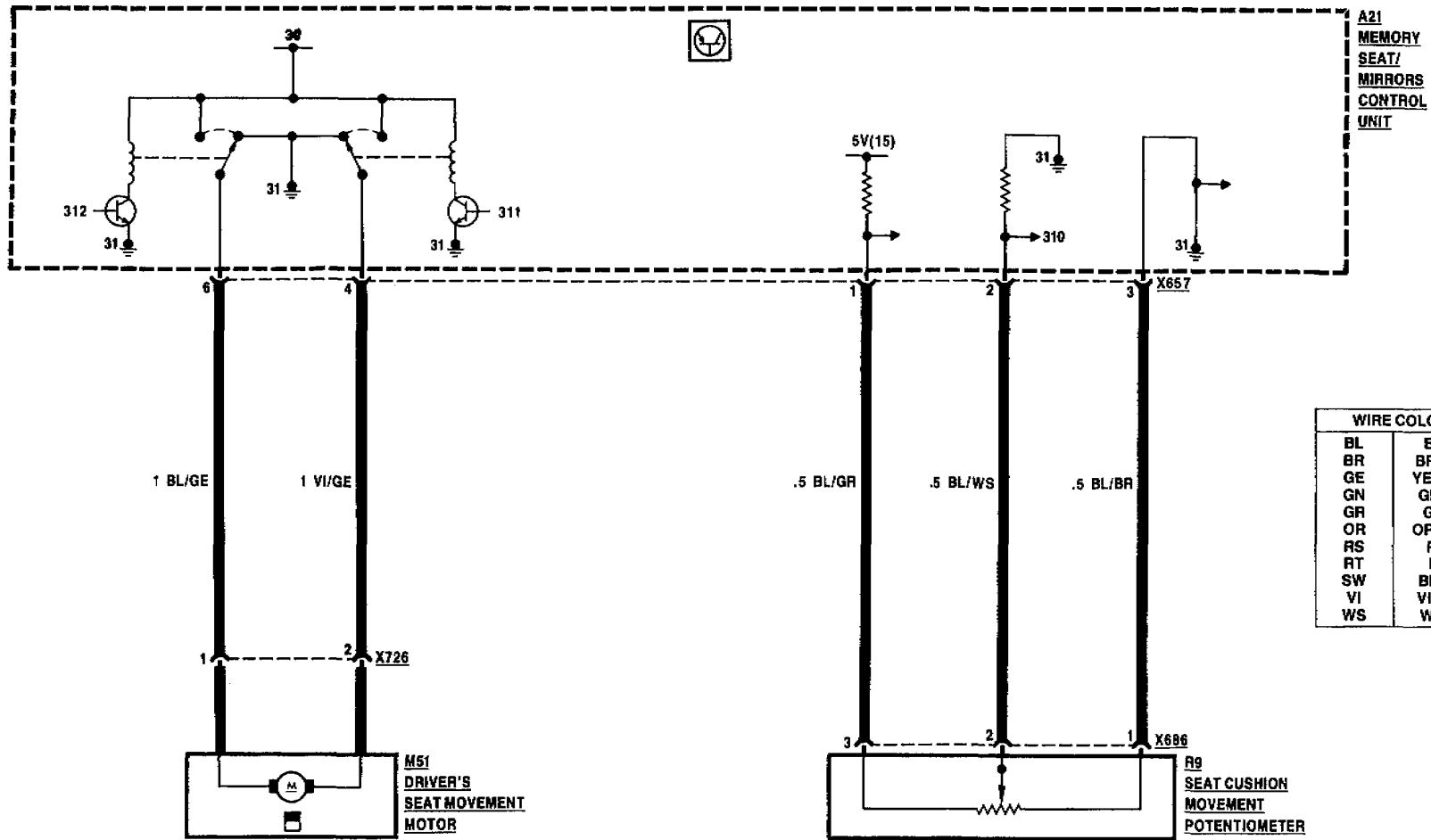
# MEMORY SEAT



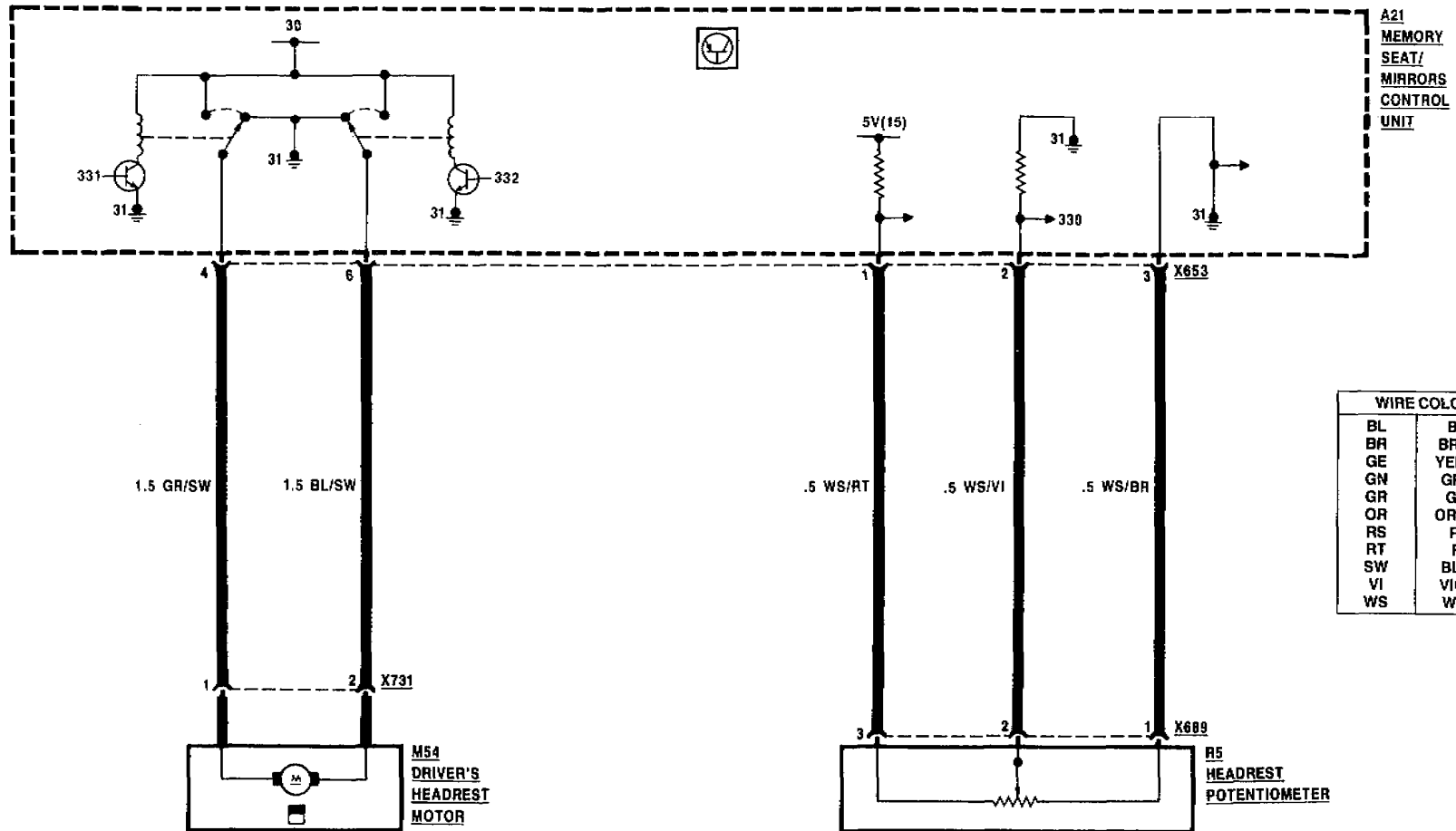




# MEMORY SEAT



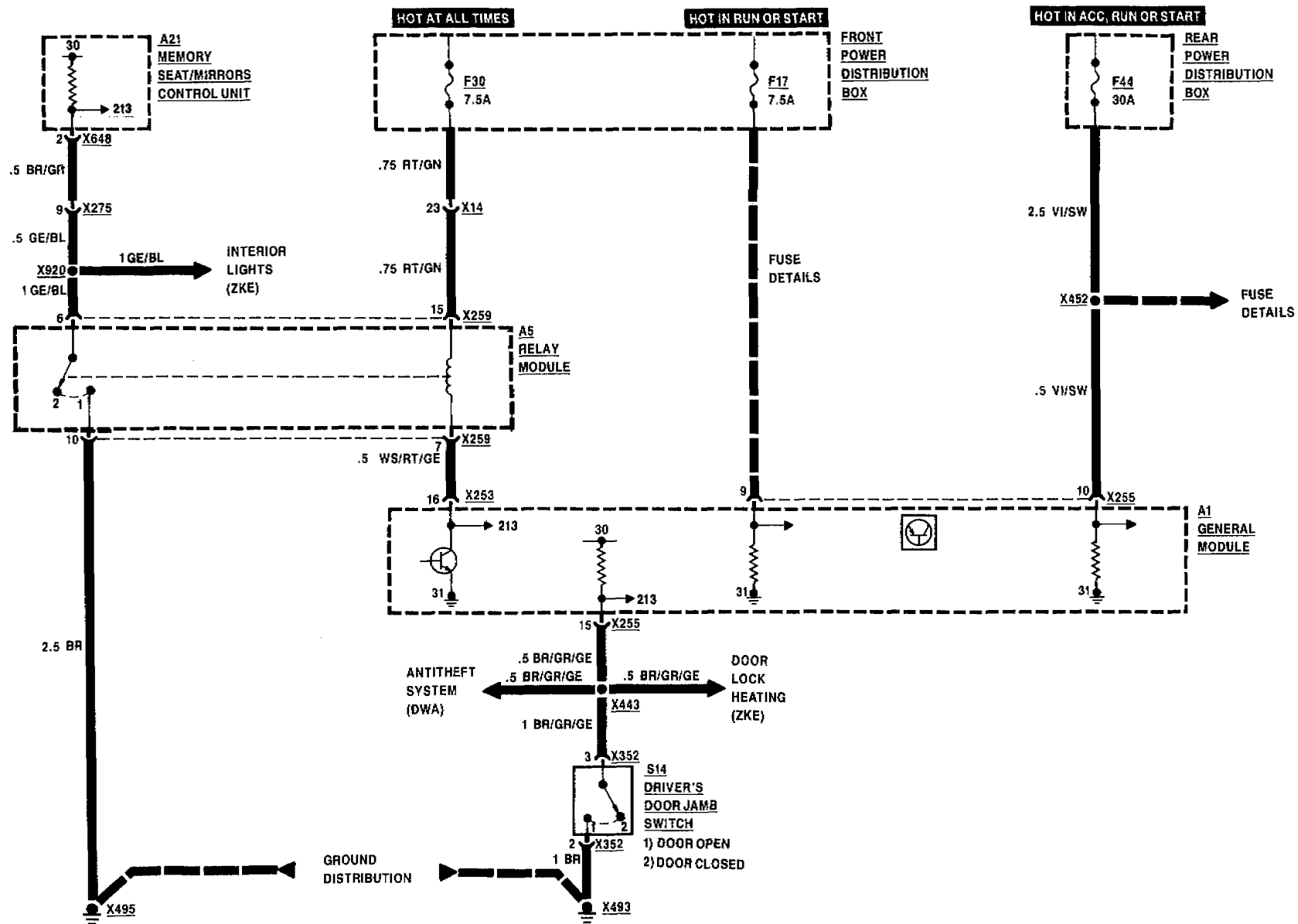
MEMORY SEAT



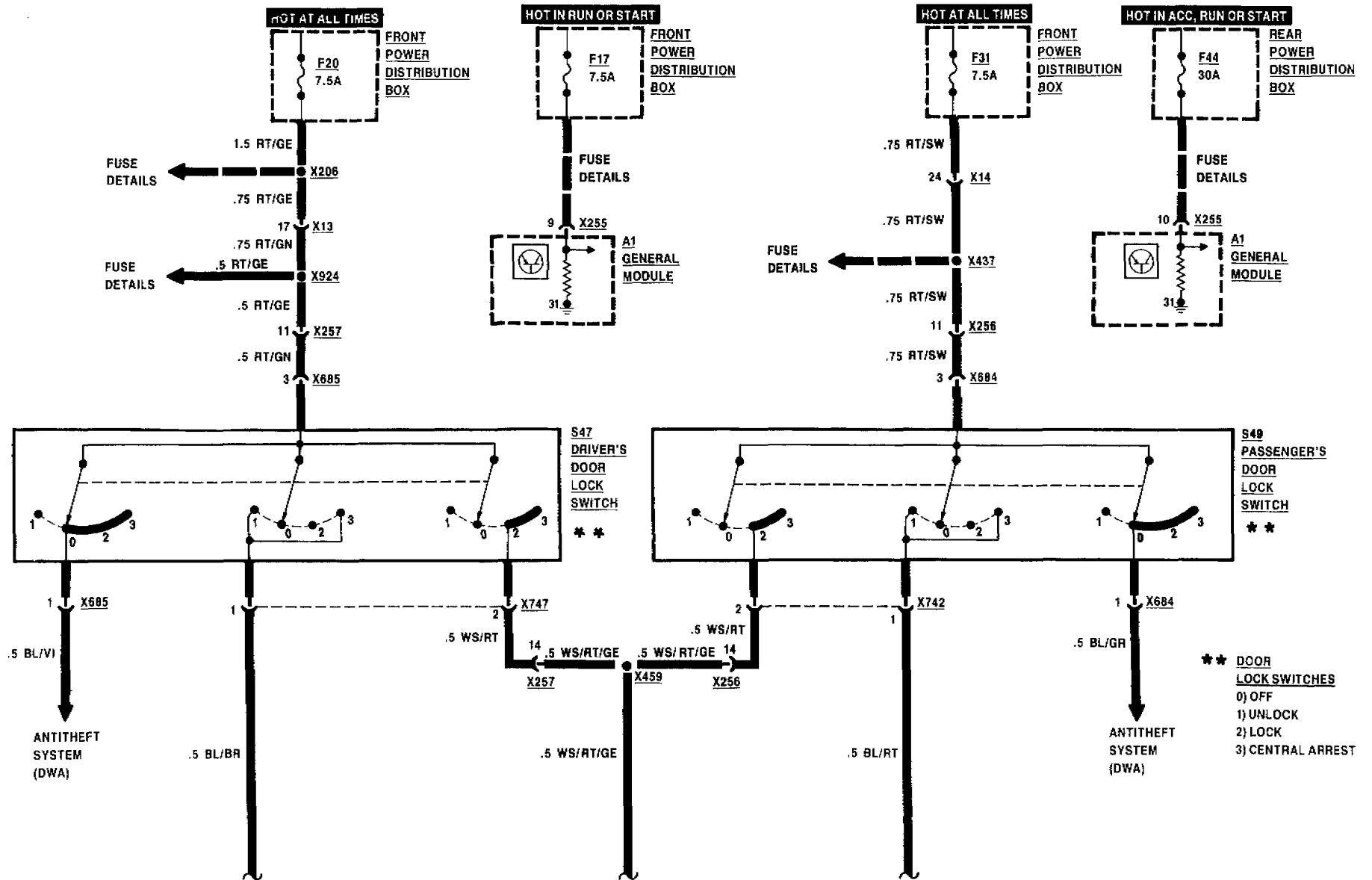
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

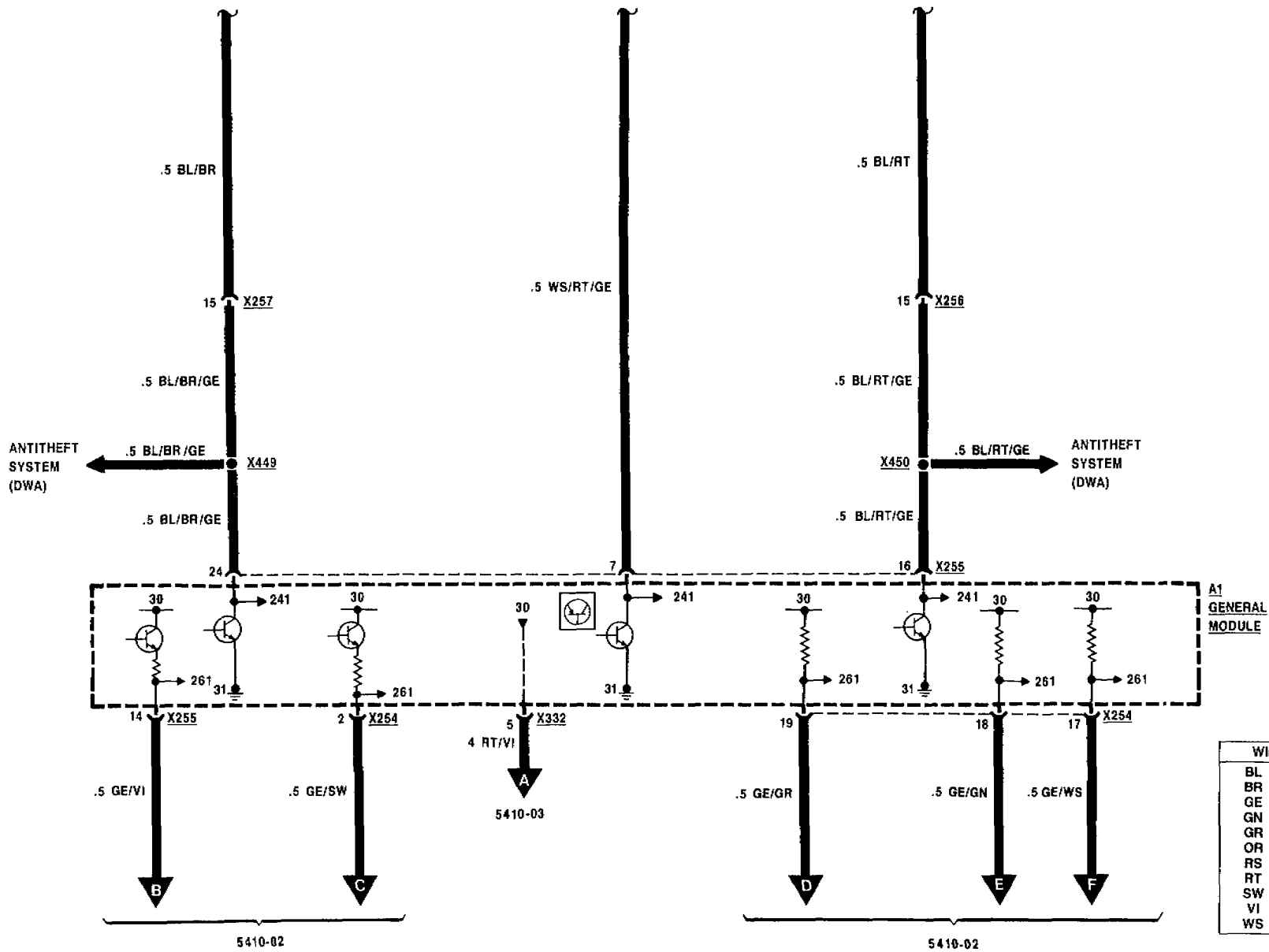


# MEMORY SEAT



**BMW 7** **SUNROOF (ZKE)**  
**INPUT DETAILS**



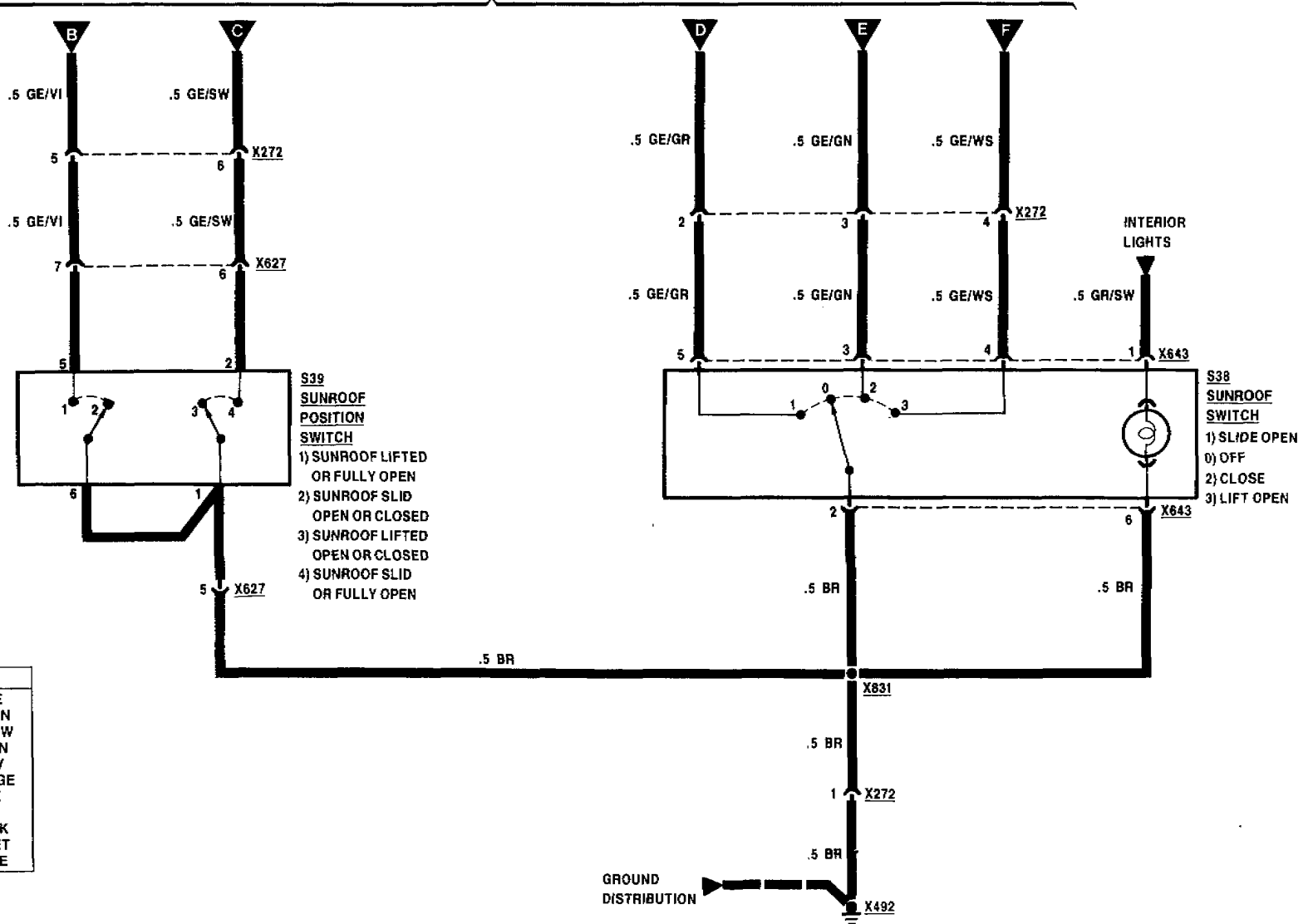




# SUNROOF (ZKE)

## INPUT DETAILS

5410-01



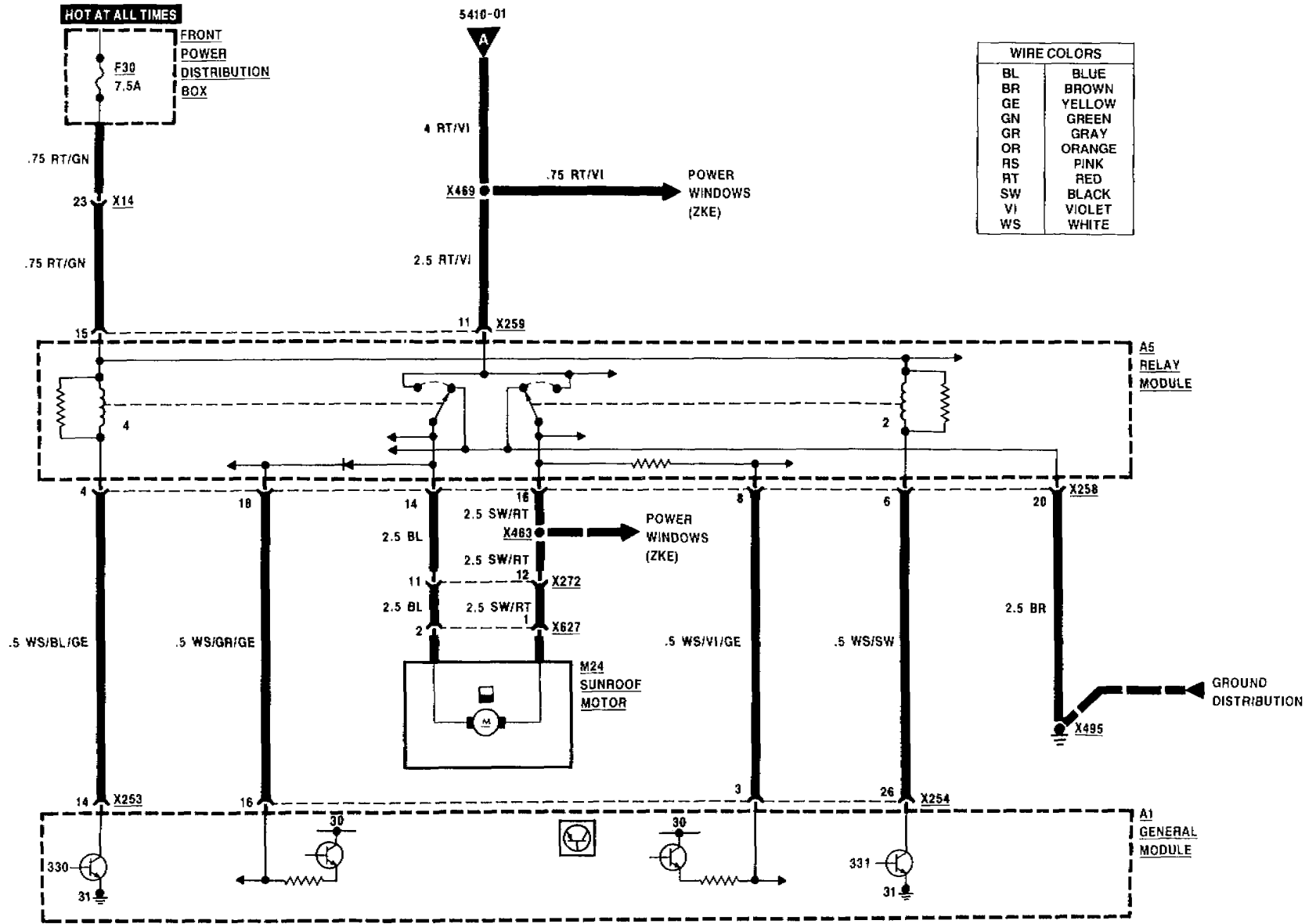
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

**S39  
SUNROOF  
POSITION  
SWITCH**  
 1) SUNROOF LIFTED  
OR FULLY OPEN  
 2) SUNROOF SLID  
OPEN OR CLOSED  
 3) SUNROOF LIFTED  
OPEN OR CLOSED  
 4) SUNROOF SLID  
OR FULLY OPEN

**S38  
SUNROOF  
SWITCH**  
 1) SLIDE OPEN  
 0) OFF  
 2) CLOSE  
 3) LIFT OPEN



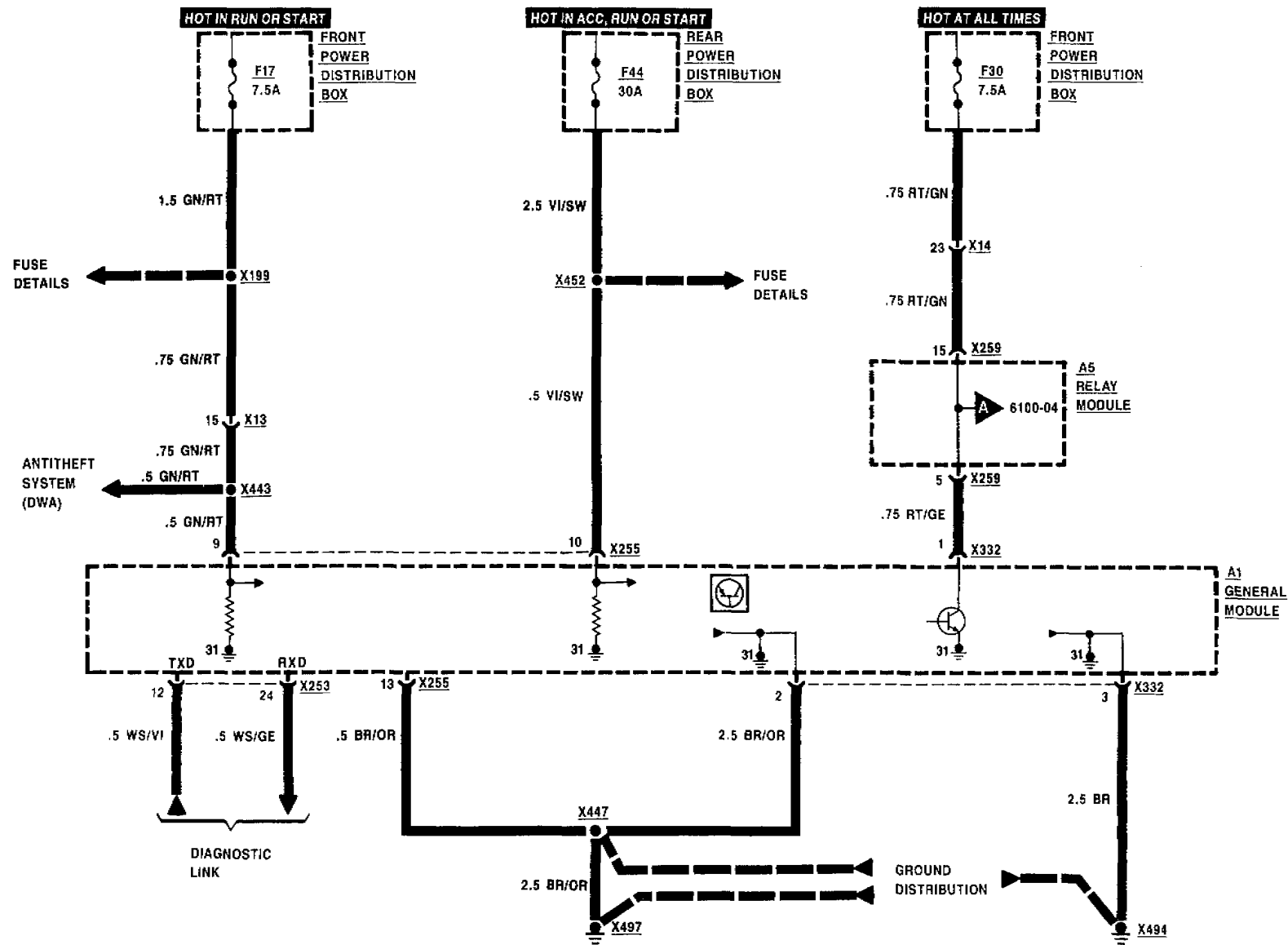
# SUNROOF (ZKE) OUTPUT DETAILS





# CENTRAL BODY ELECTRONICS (ZKE)

## GENERAL MODULE



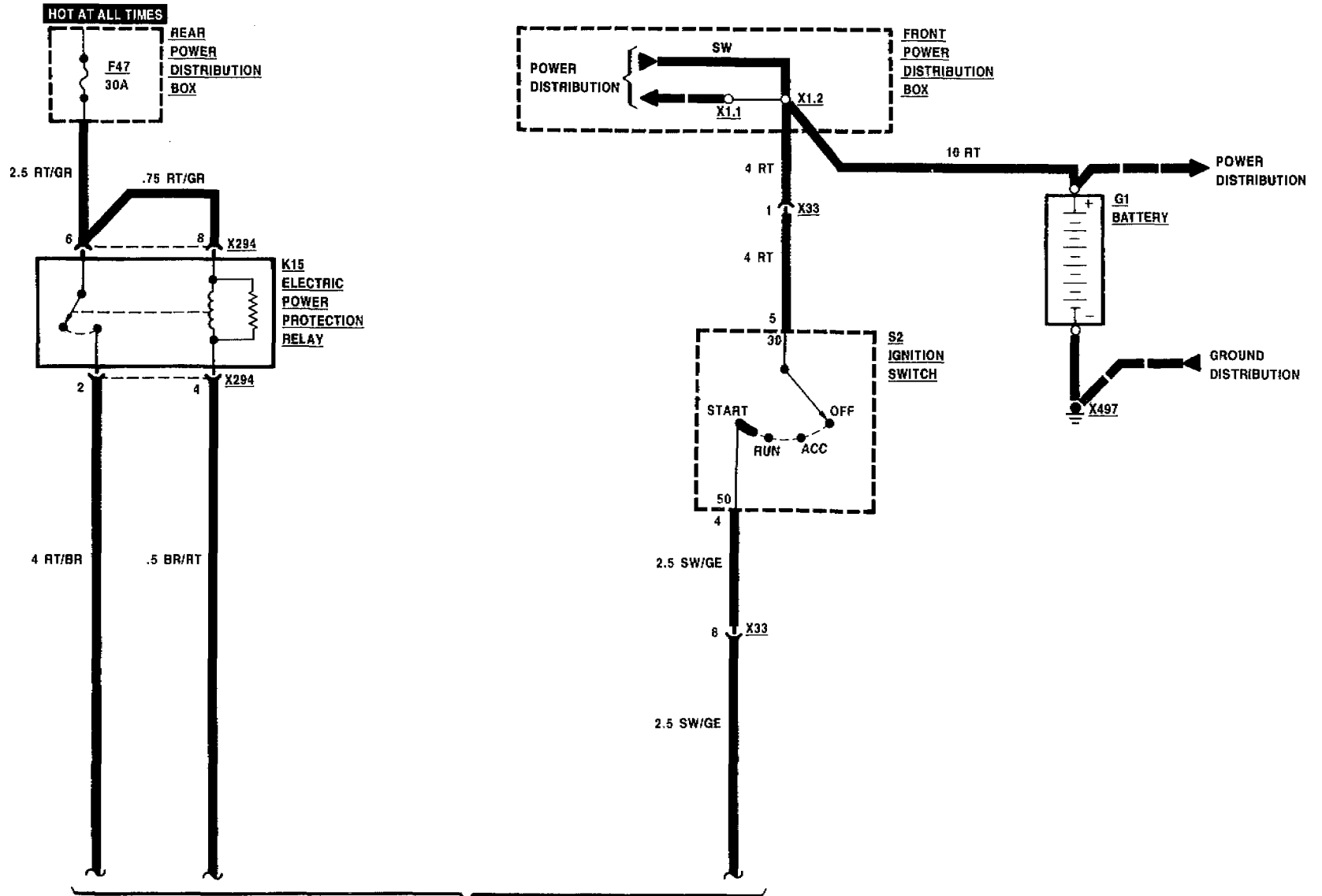


**FOR CENTRAL BODY ELECTRONICS (ZKE):  
GENERAL MODULE,  
SEE PAGE 6100-02**

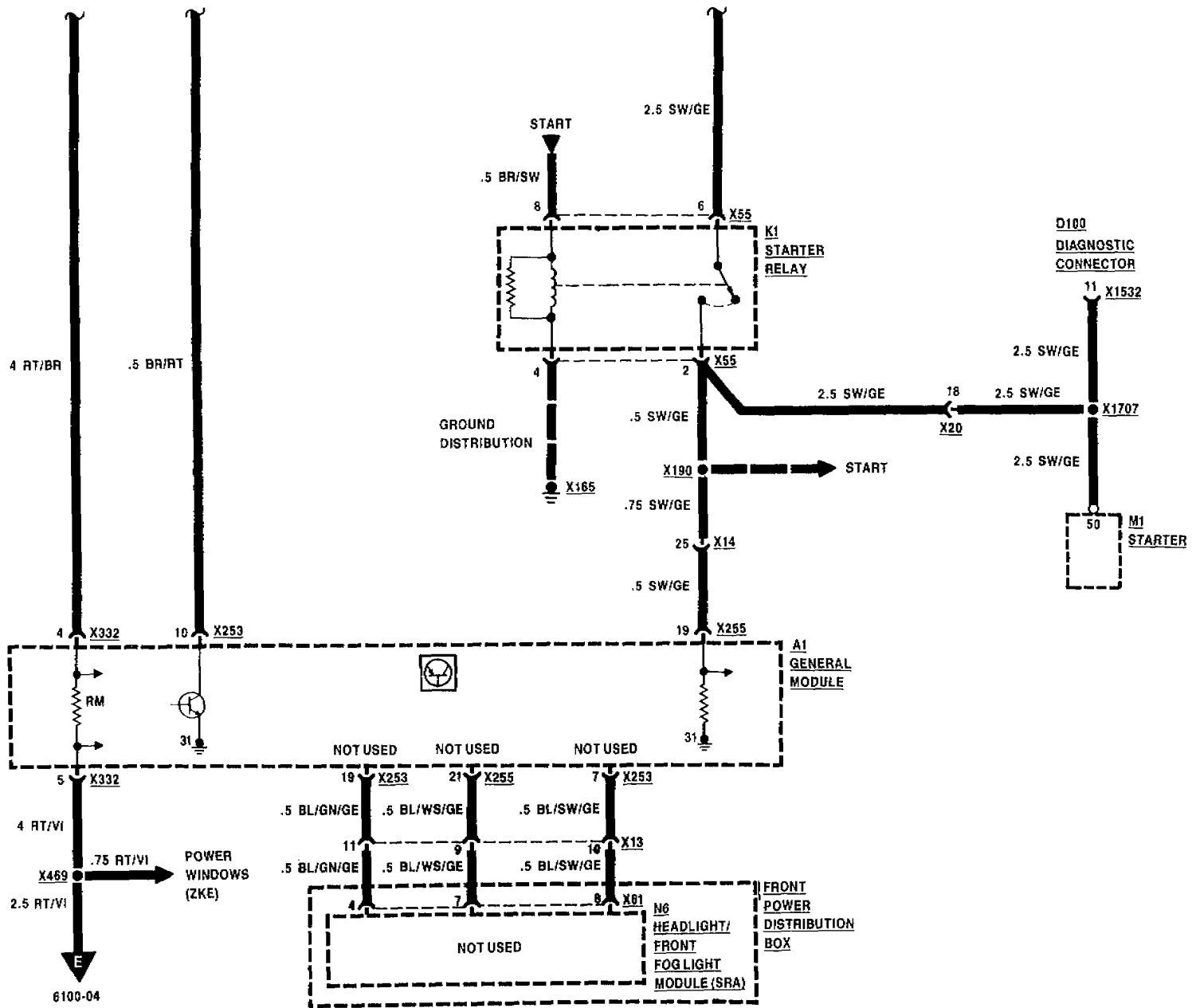


# CENTRAL BODY ELECTRONICS (ZKE)

## GENERAL MODULE



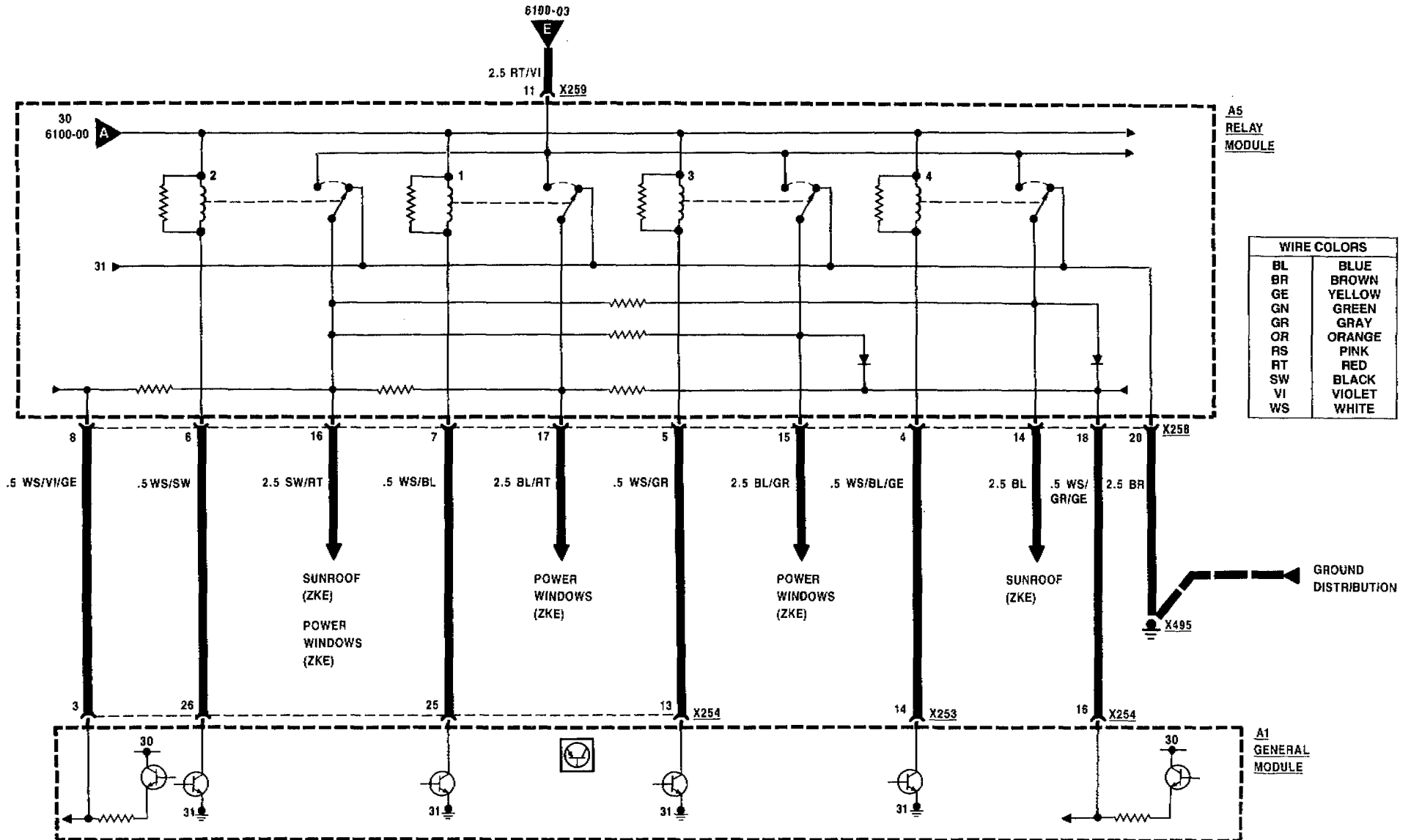
6100-02



6100-04



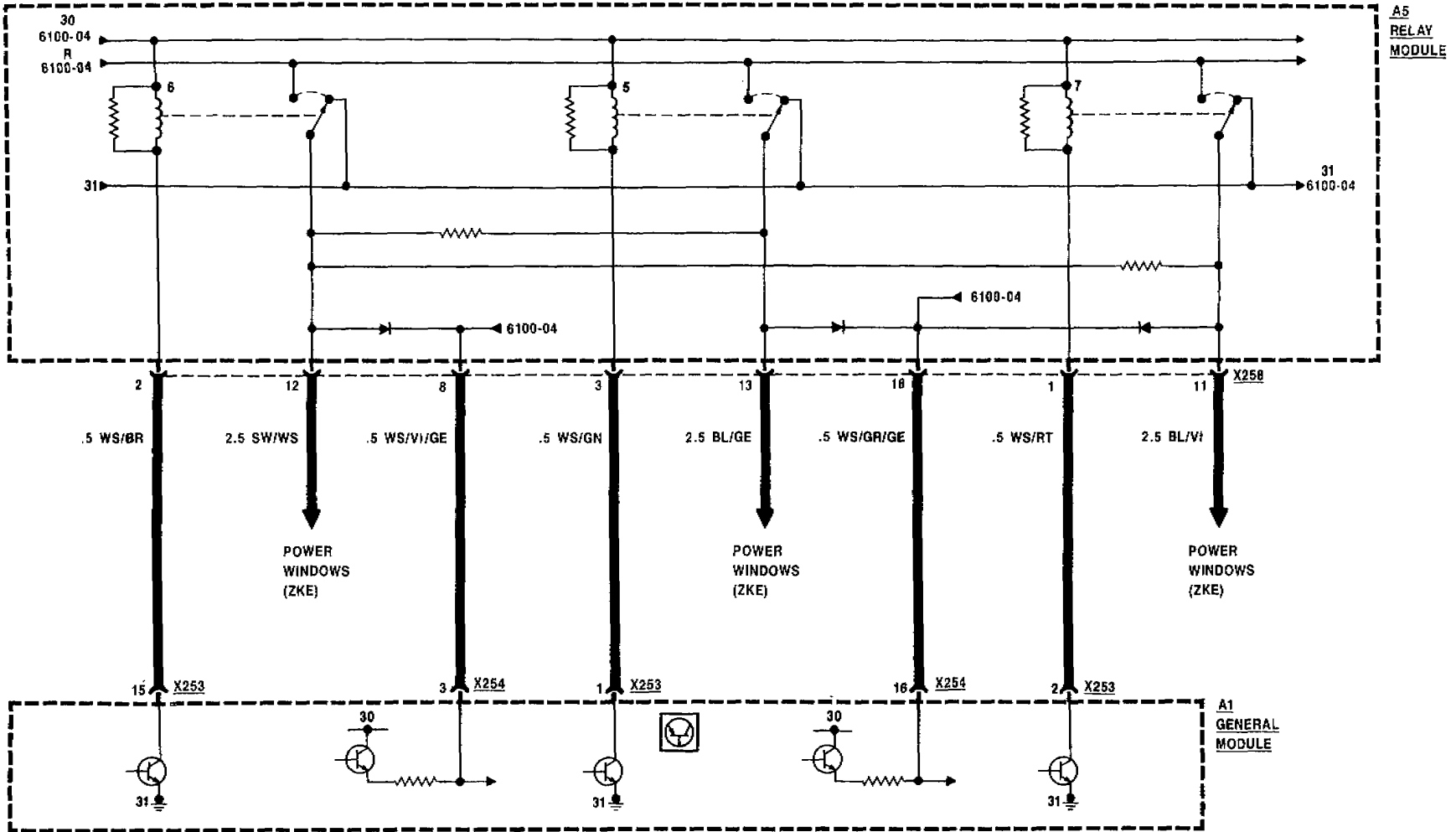
# CENTRAL BODY ELECTRONICS (ZKE) RELAY MODULE





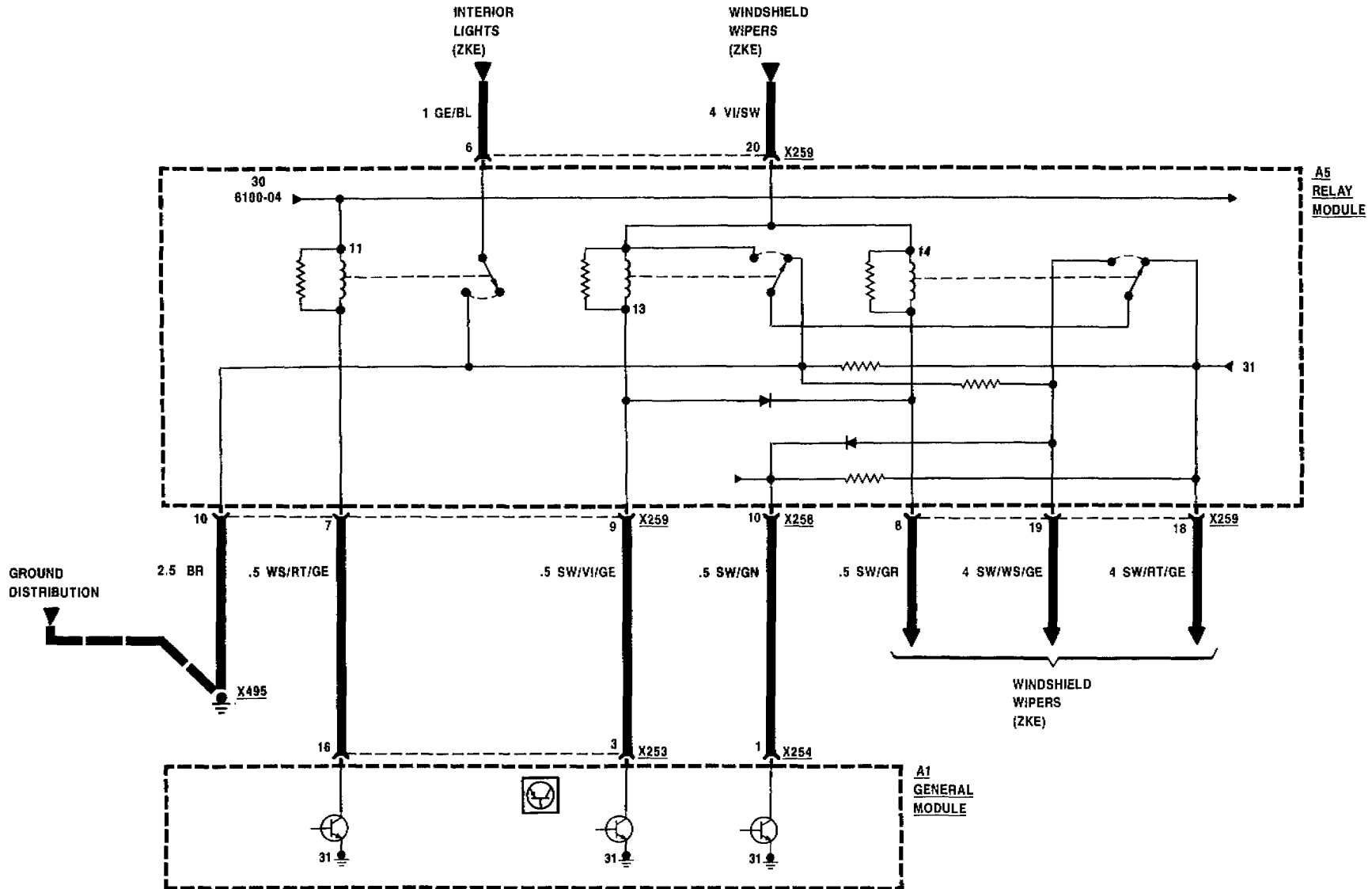
# CENTRAL BODY ELECTRONICS (ZKE)

## RELAY MODULE





# CENTRAL BODY ELECTRONICS (ZKE) RELAY MODULE



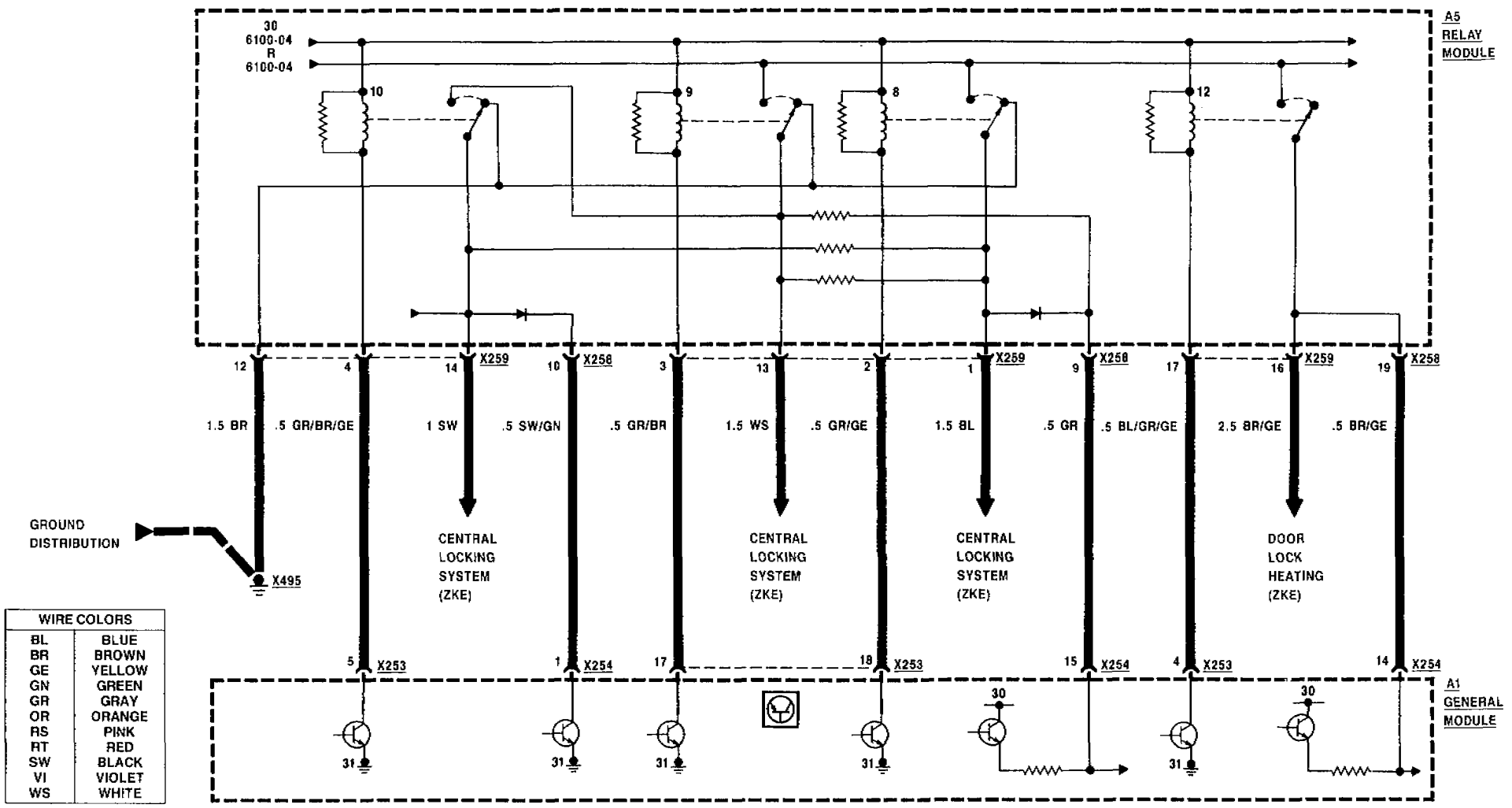


# CENTRAL BODY ELECTRONICS (ZKE) RELAY MODULE

02/87

6100-07

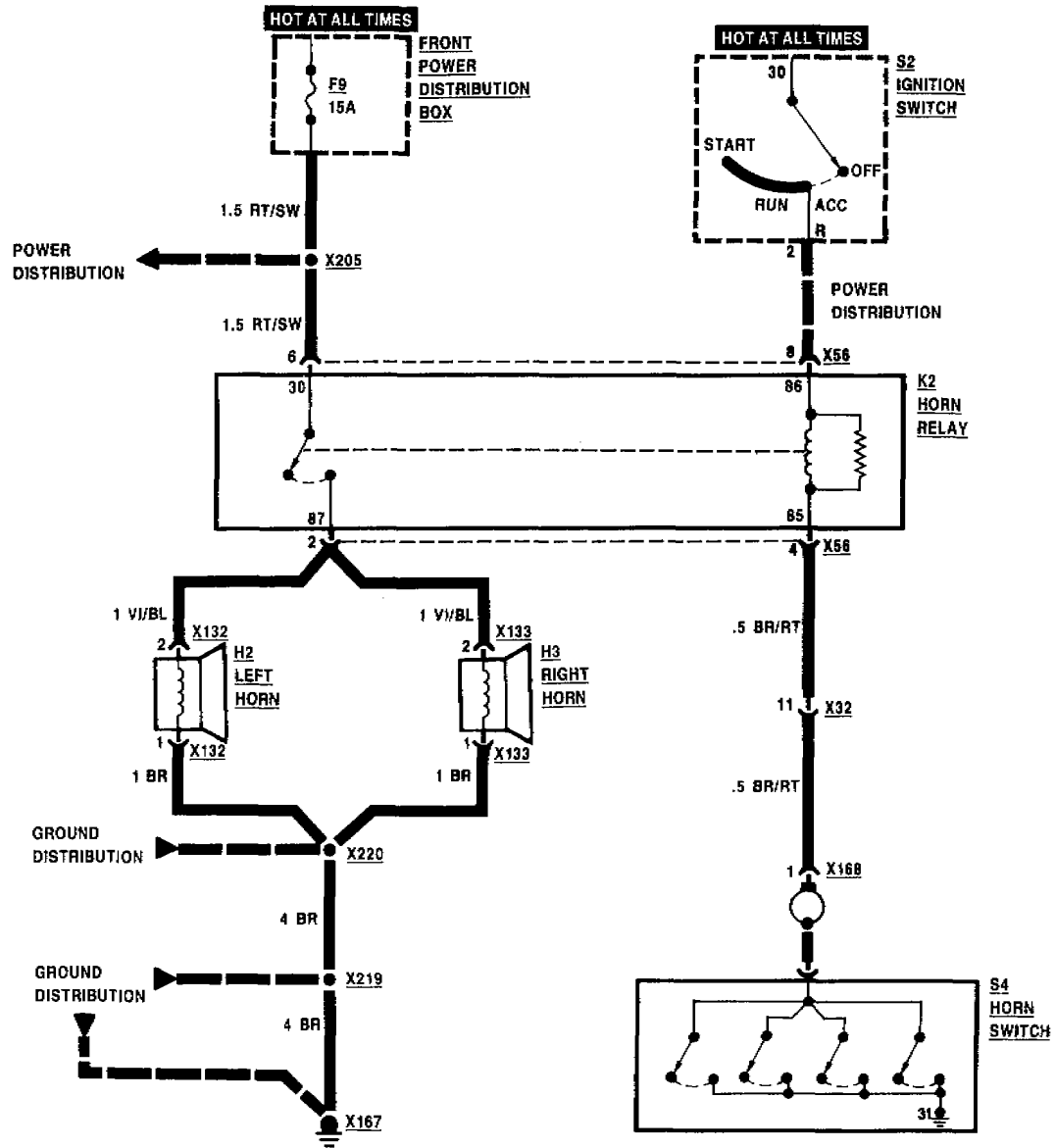
1988



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

A5  
RELAY  
MODULE

A1  
GENERAL  
MODULE



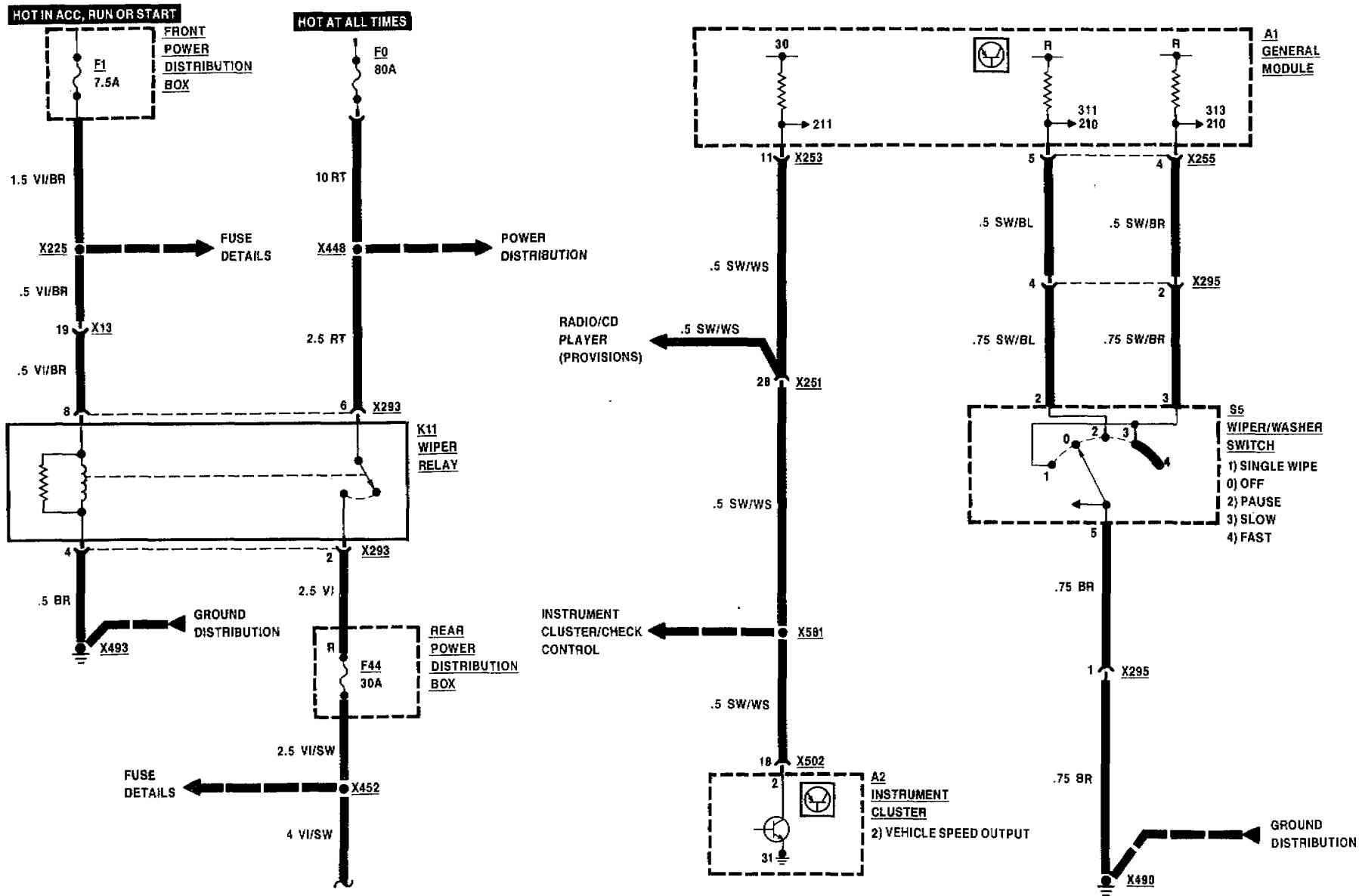
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





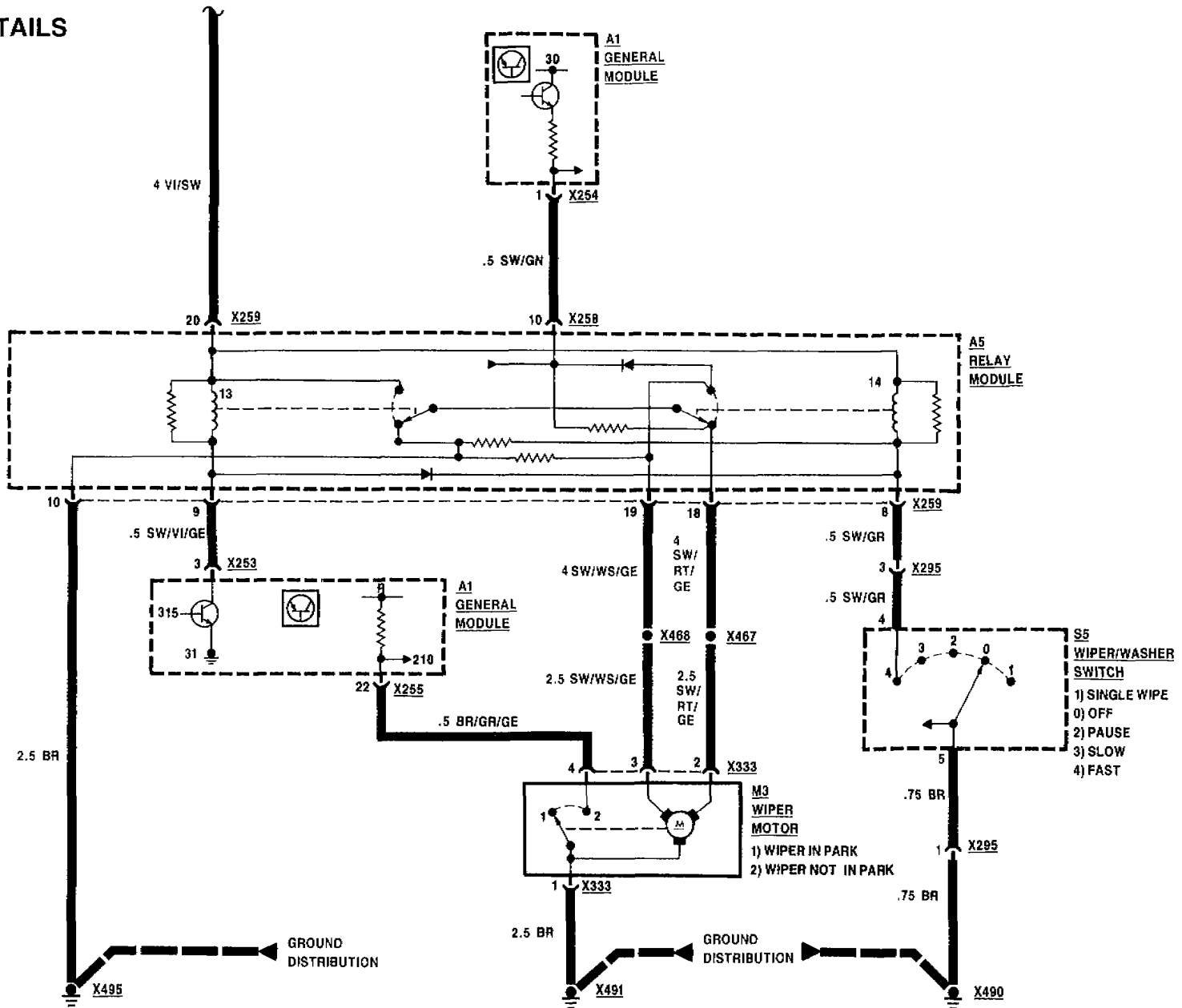
# WINDSHIELD WIPERS (ZKE)

## INPUT DETAILS

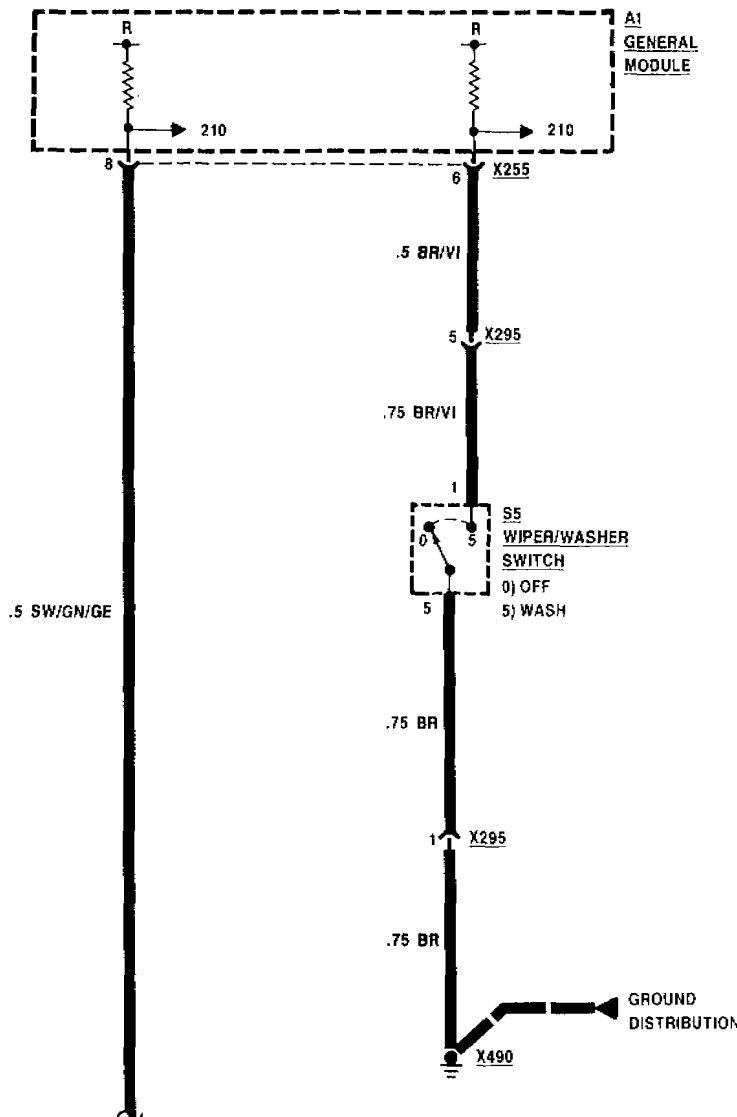
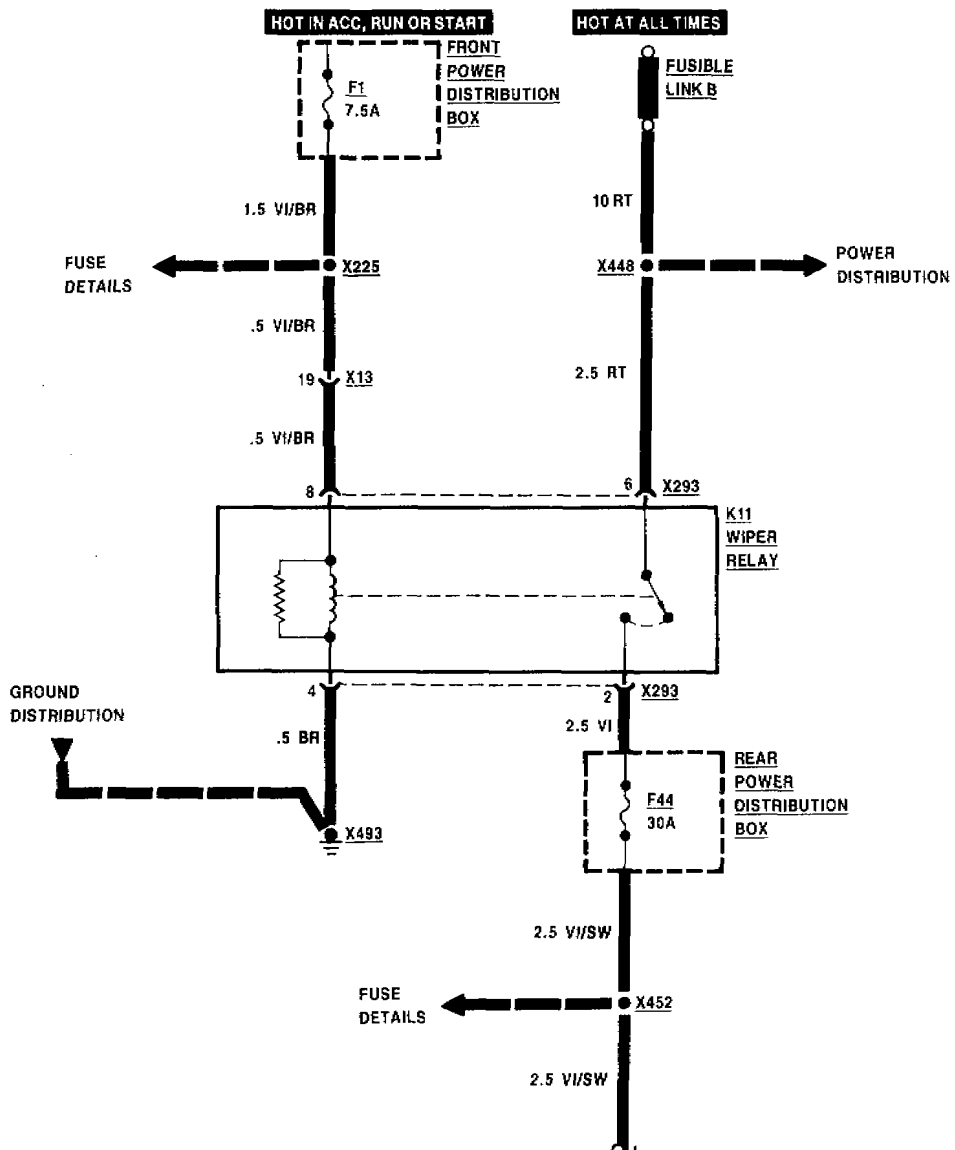


# OUTPUT DETAILS

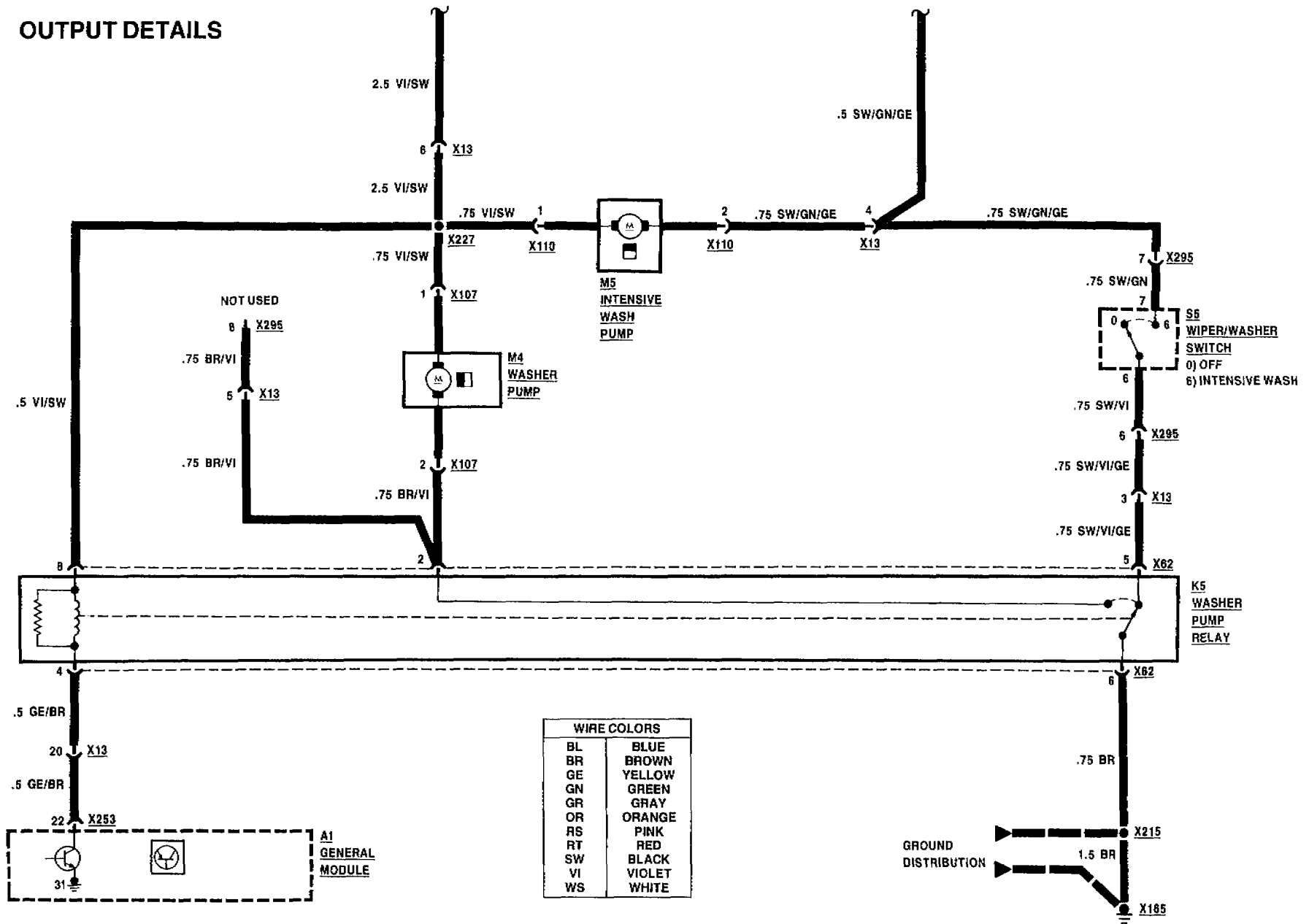
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



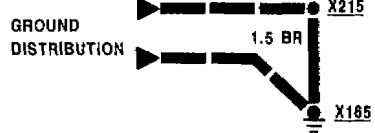
**BMW** **7** **WINDSHIELD WASHER (ZKE)**  
**INPUT DETAILS**



# OUTPUT DETAILS



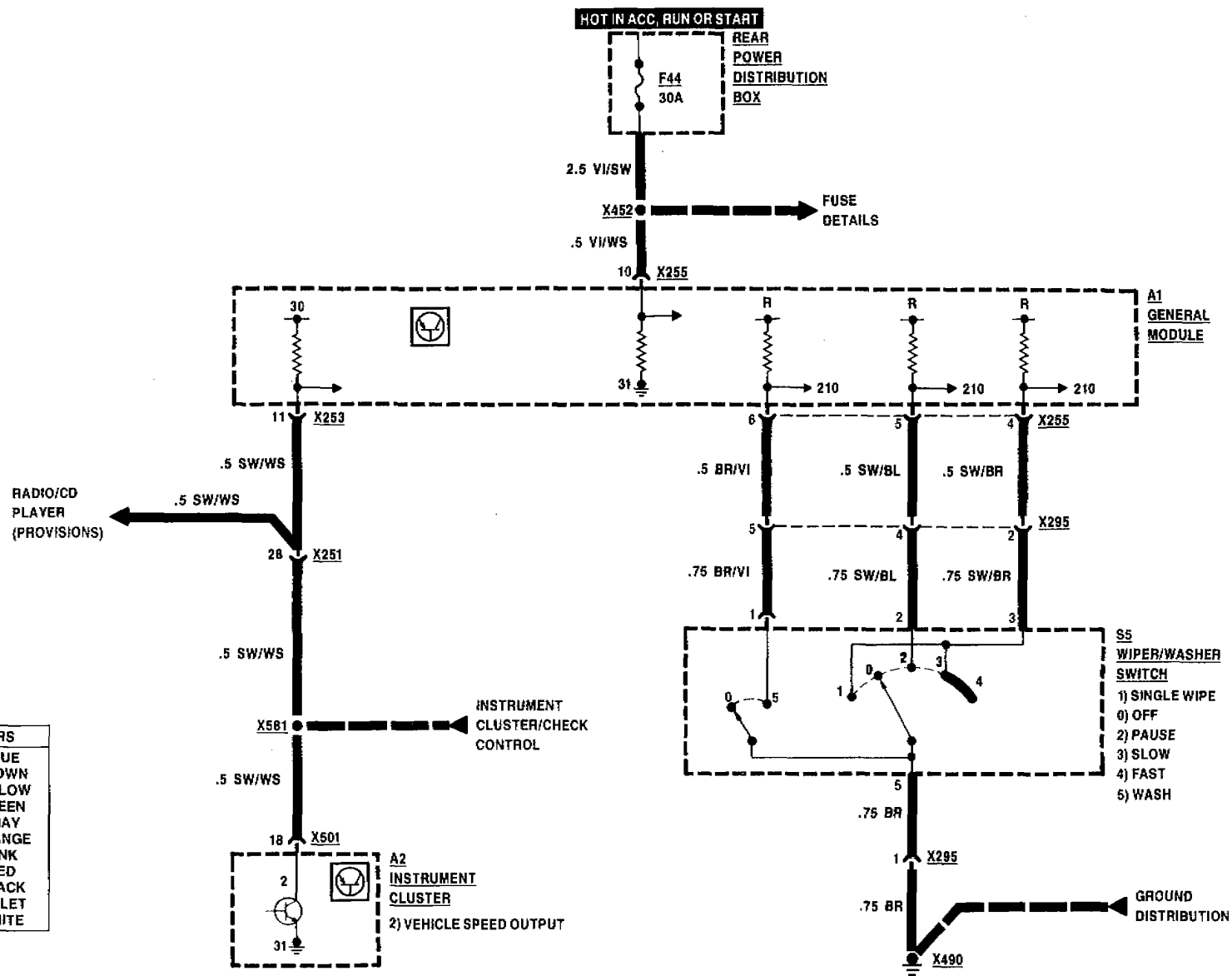
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# WINDSHIELD WIPER PRESSURE CONTROL (ZKE)

## INPUT DETAILS

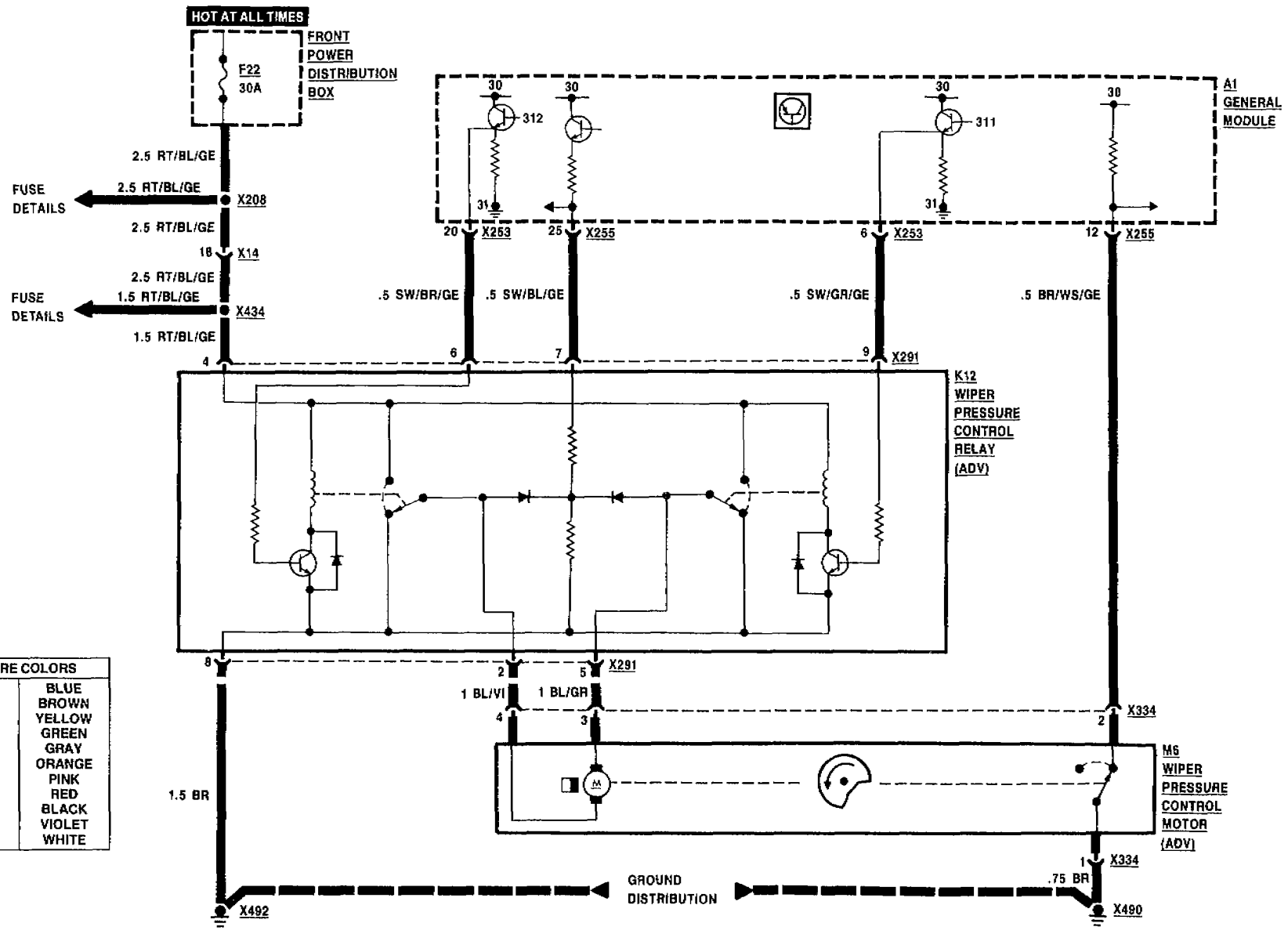


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# WINDSHIELD WIPER PRESSURE CONTROL (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

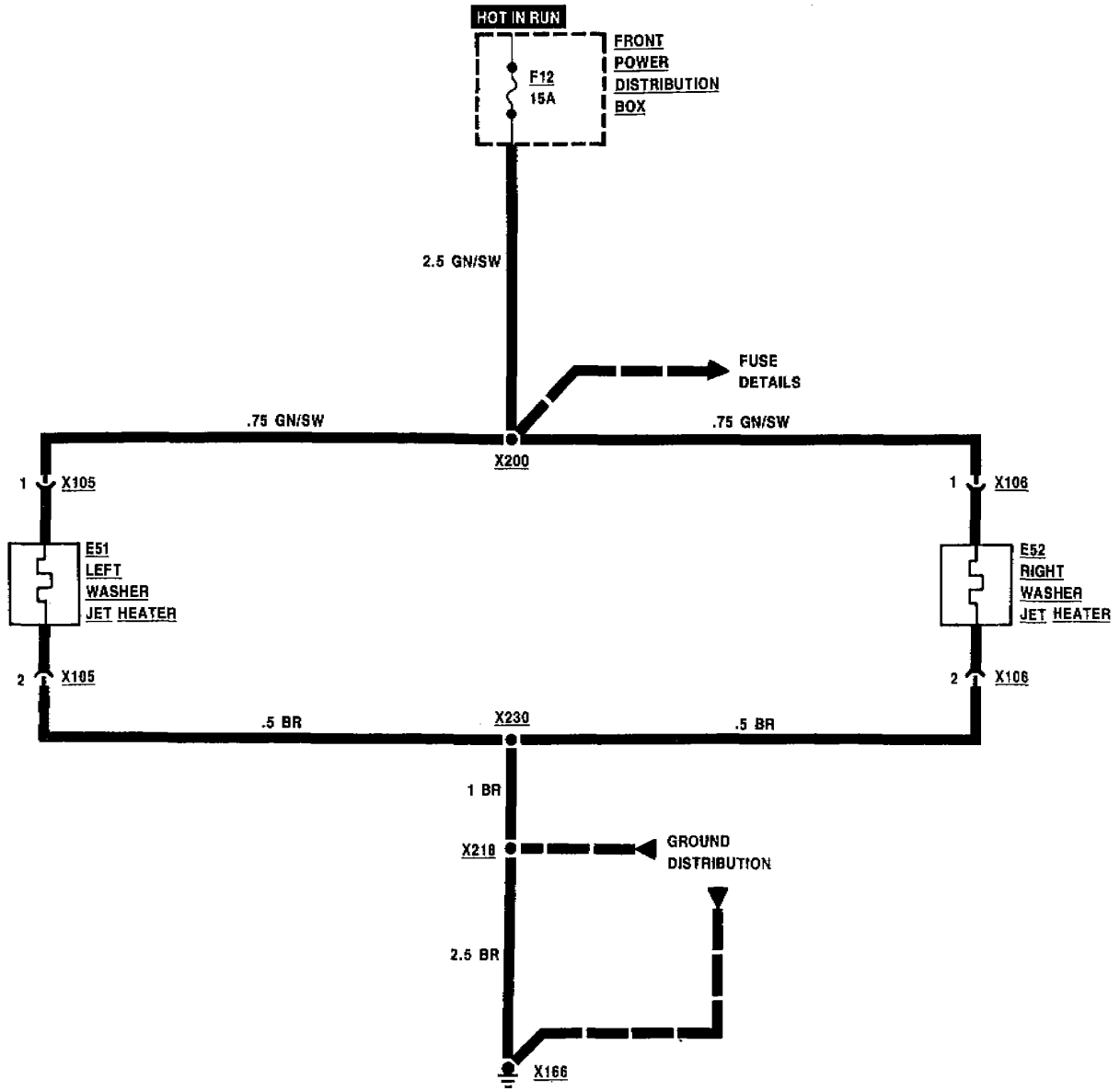


# WINDSHIELD WASHER JET HEATERS

02/87

6169-00

1988



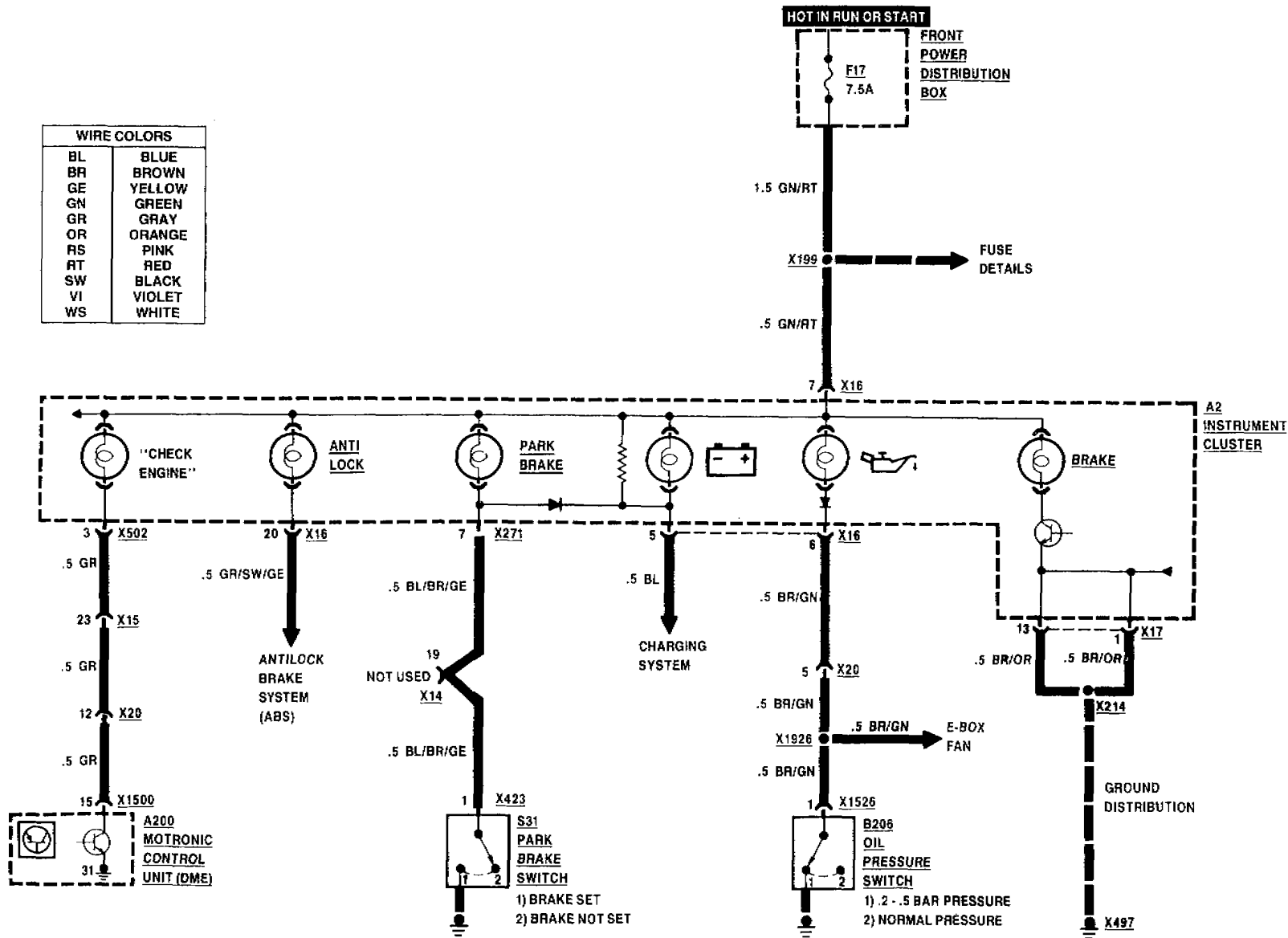
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# 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

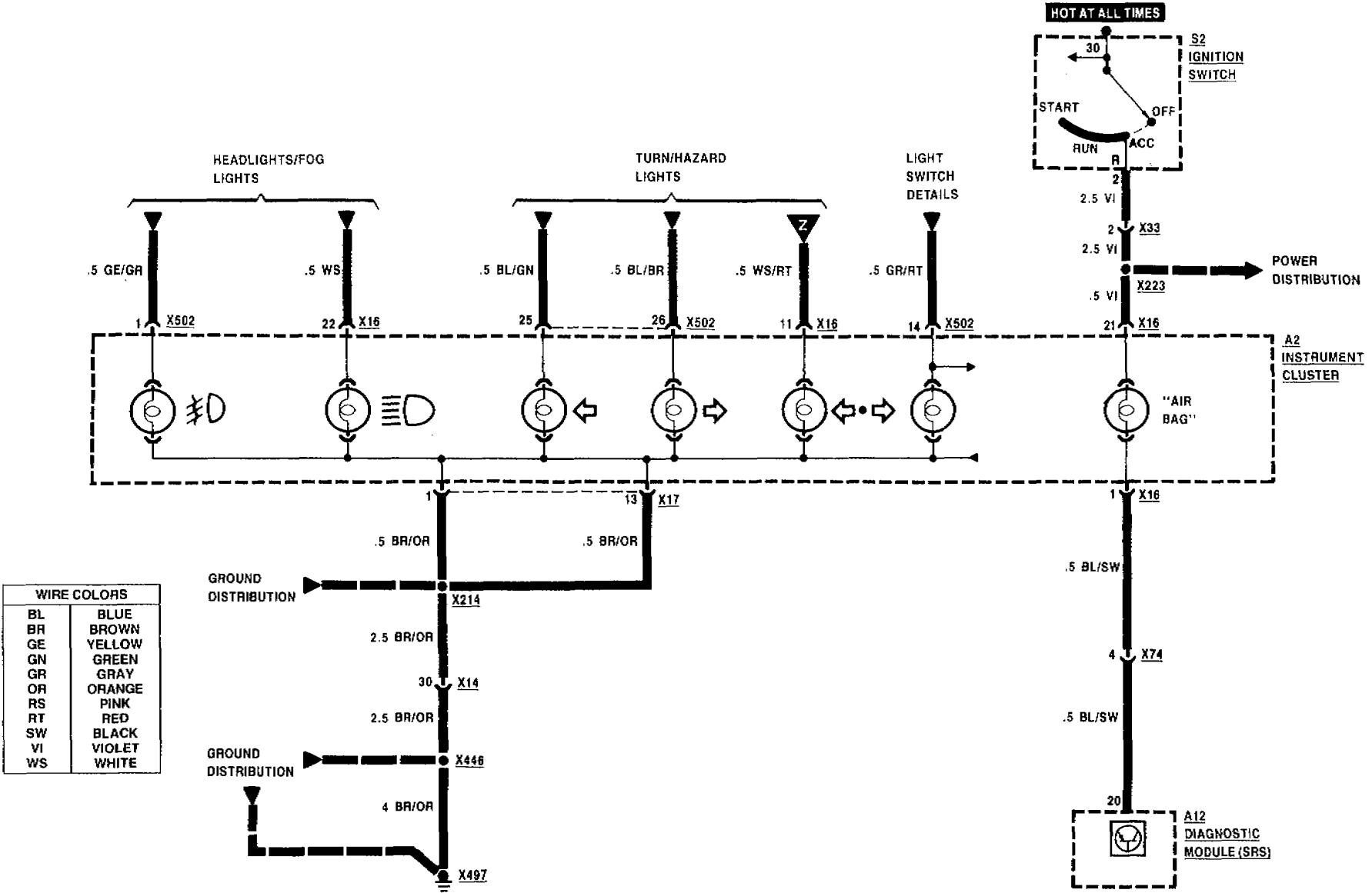






# INSTRUMENT CLUSTER/CHECK CONTROL

## INSTRUMENT CLUSTER INDICATORS



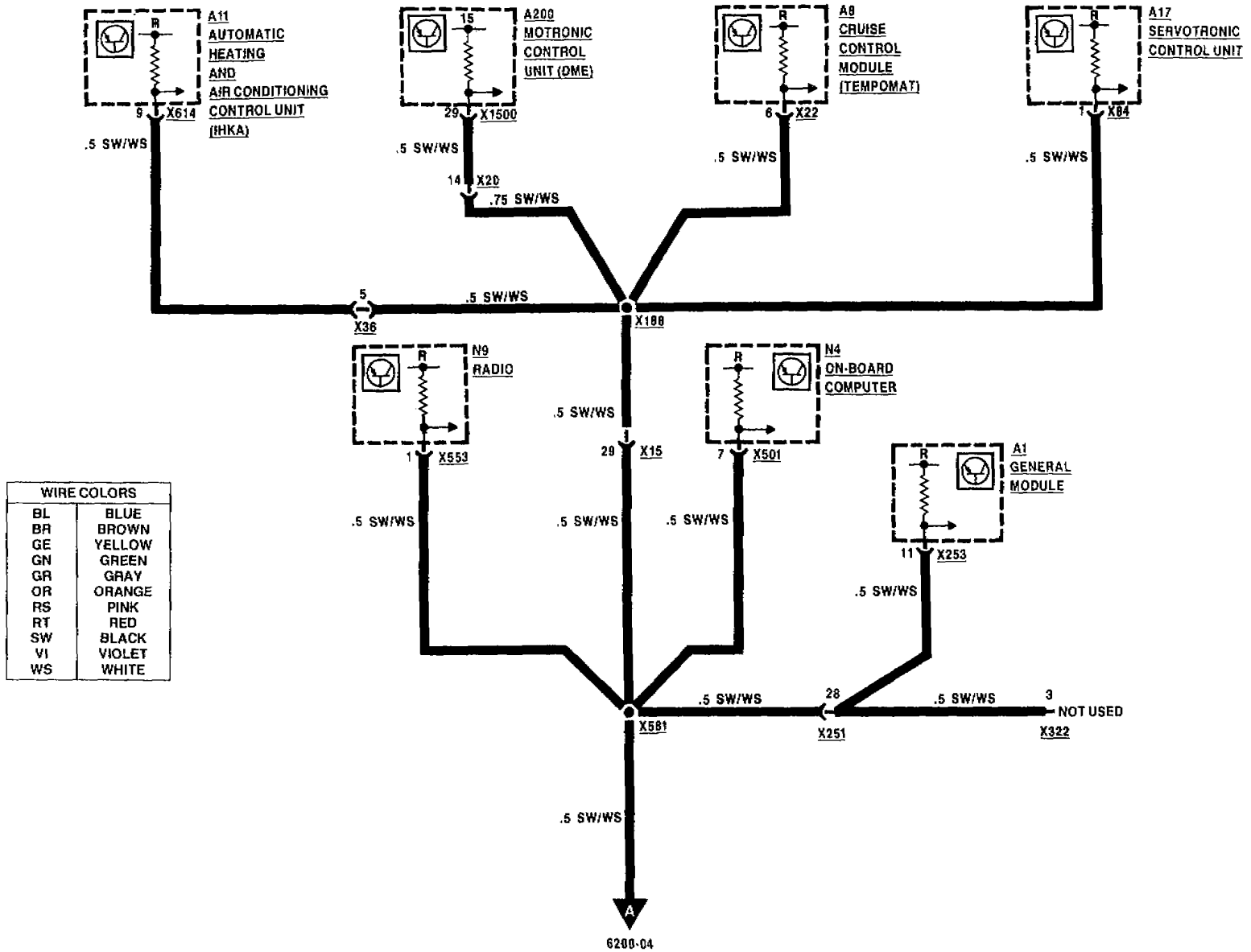
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

**FOR INSTRUMENT CLUSTER/CHECK CONTROL:  
INSTRUMENT CLUSTER GAUGES,  
SEE PAGE 6200-03**



# INSTRUMENT CLUSTER/CHECK CONTROL

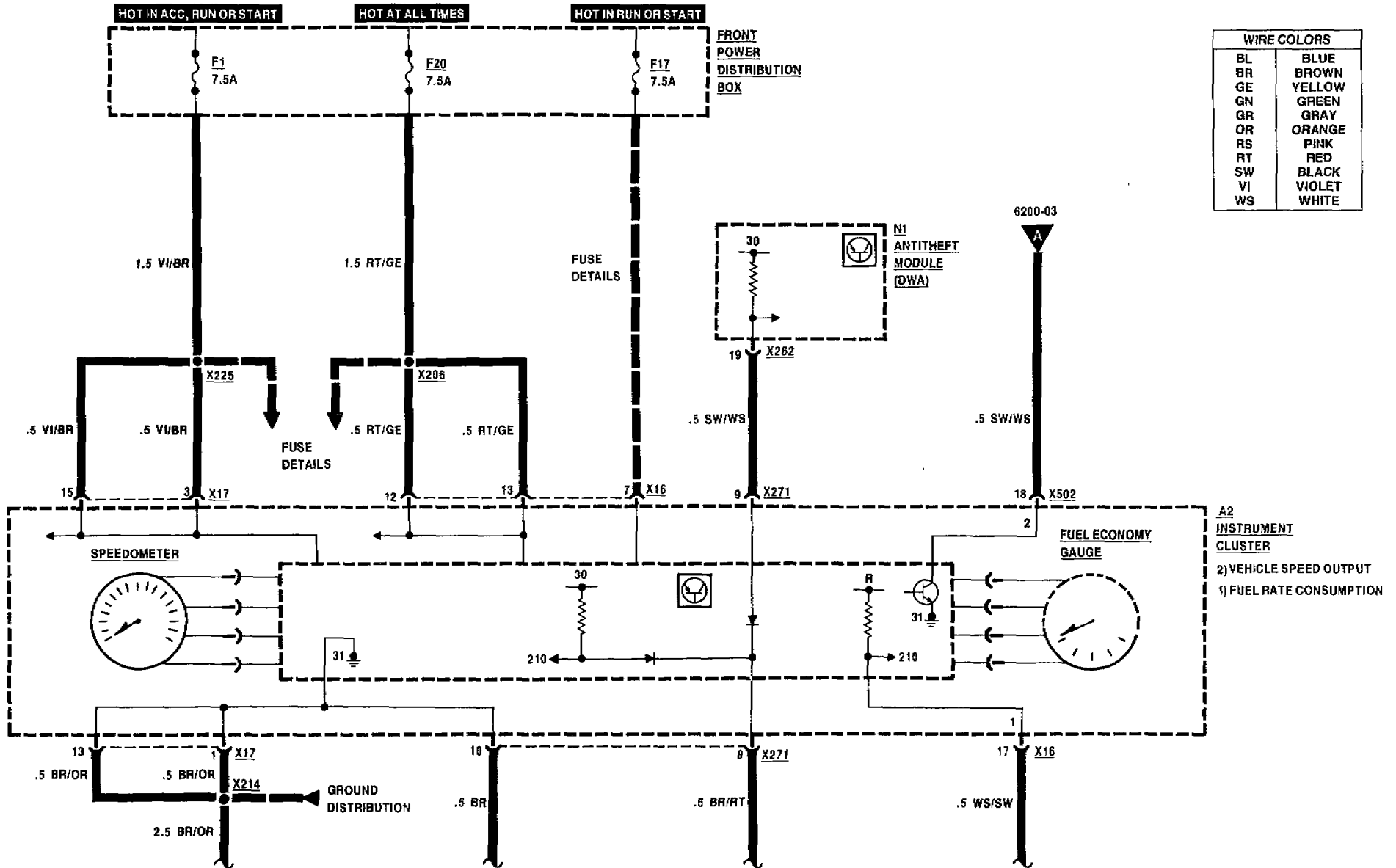
## INSTRUMENT CLUSTER GAUGES





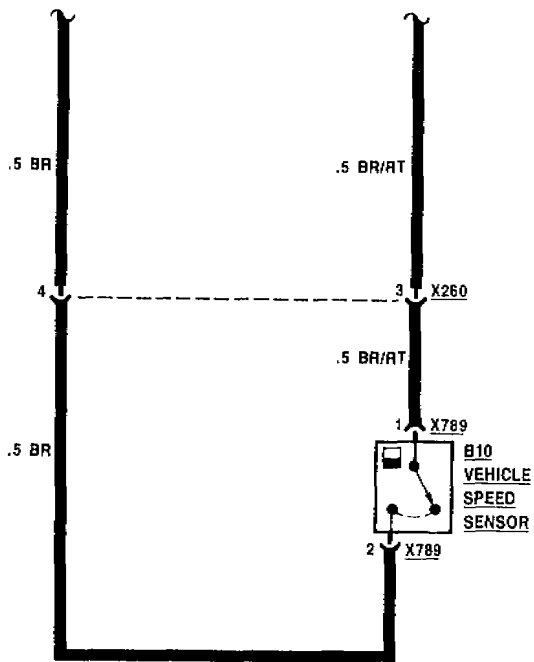
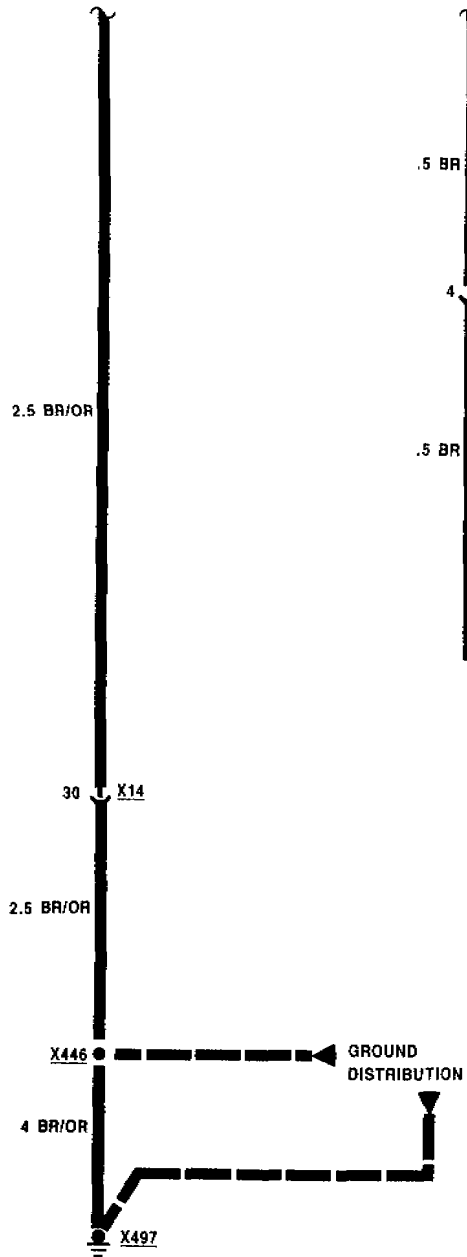
# INSTRUMENT CLUSTER/CHECK CONTROL

## INSTRUMENT CLUSTER GAUGES

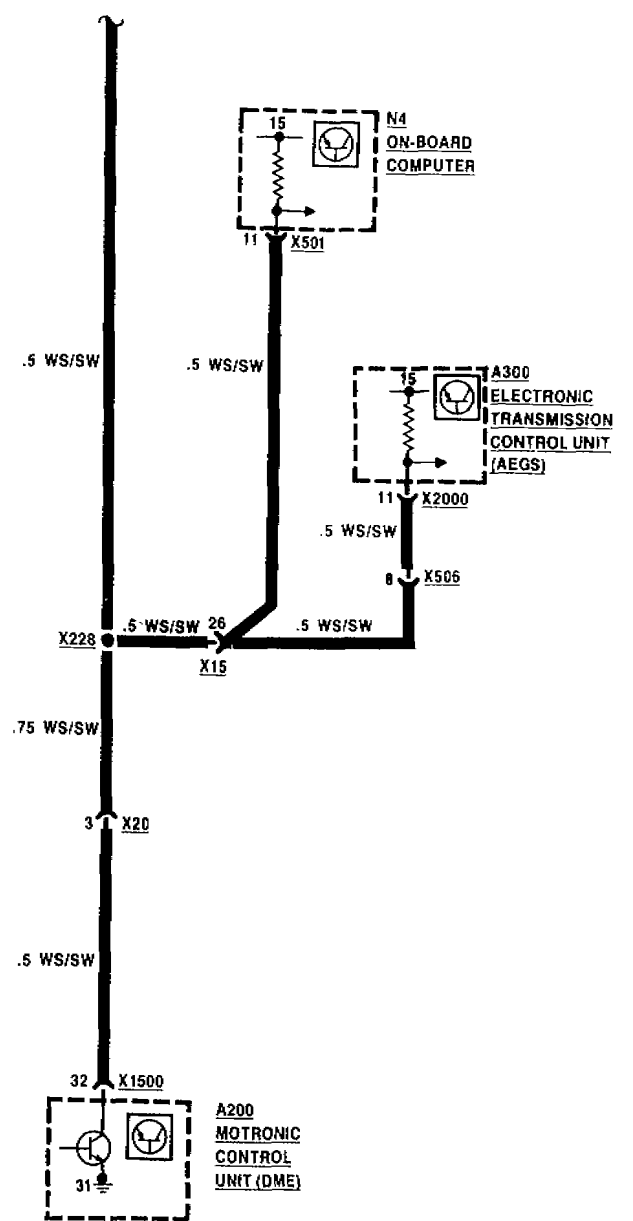


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

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



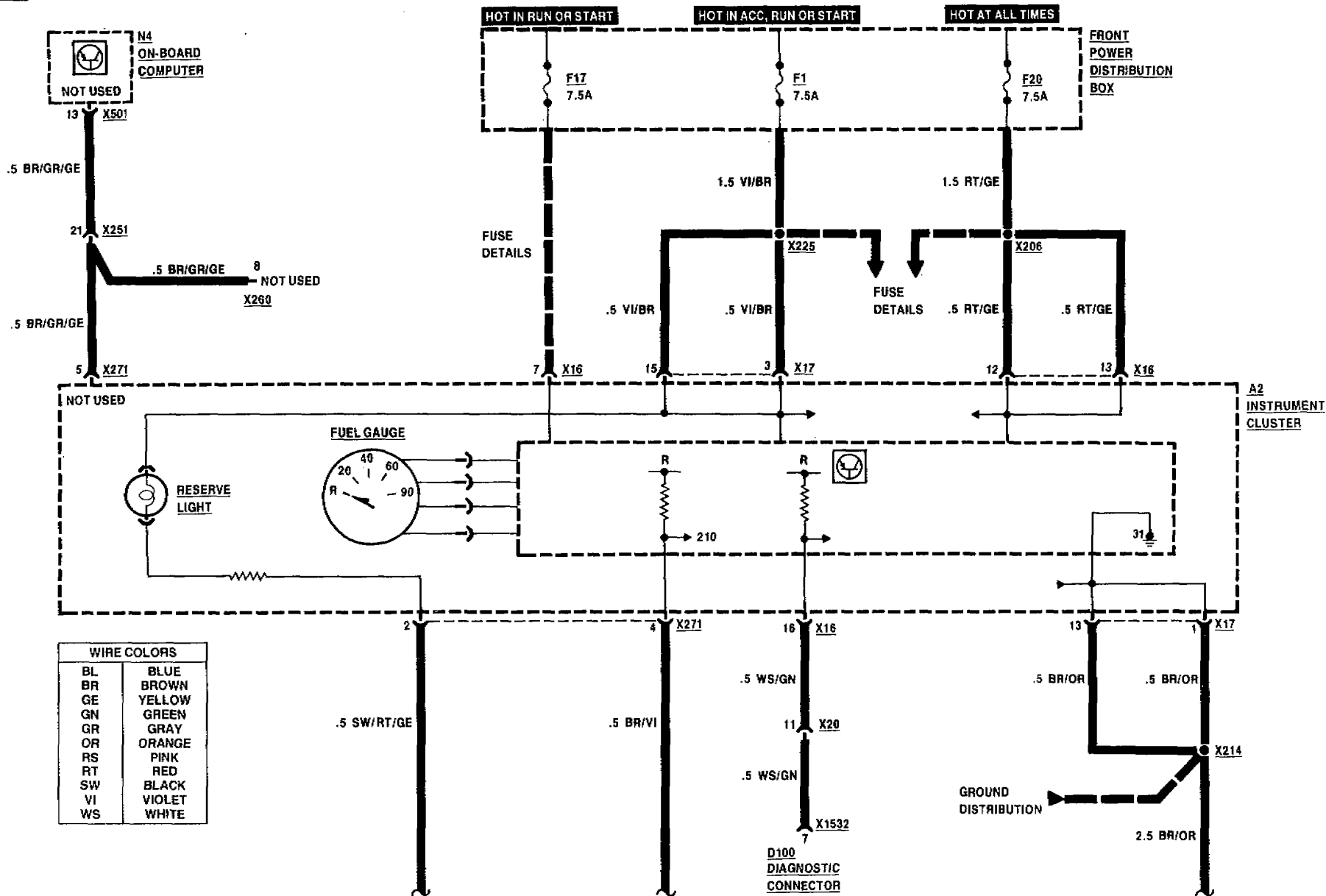
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# INSTRUMENT CLUSTER/CHECK CONTROL

## INSTRUMENT CLUSTER GAUGES



N4  
ON-BOARD  
COMPUTER

FRONT  
POWER  
DISTRIBUTION  
BOX

HOT IN RUN OR START

HOT IN ACC, RUN OR START

HOT AT ALL TIMES

FUSE  
DETAILS

FUSE  
DETAILS

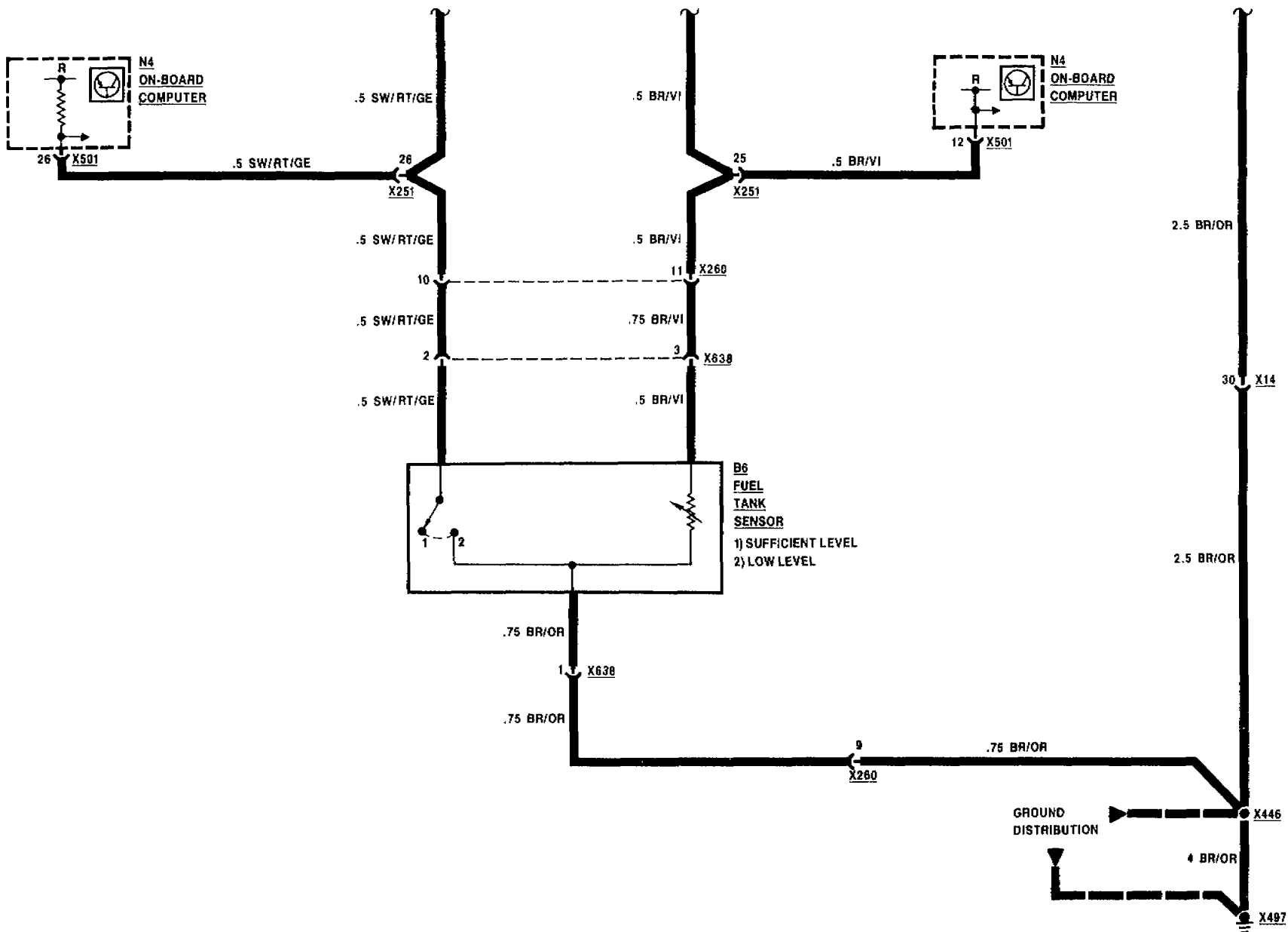
A2  
INSTRUMENT  
CLUSTER

NOT USED

FUEL GAUGE

RESERVE  
LIGHT

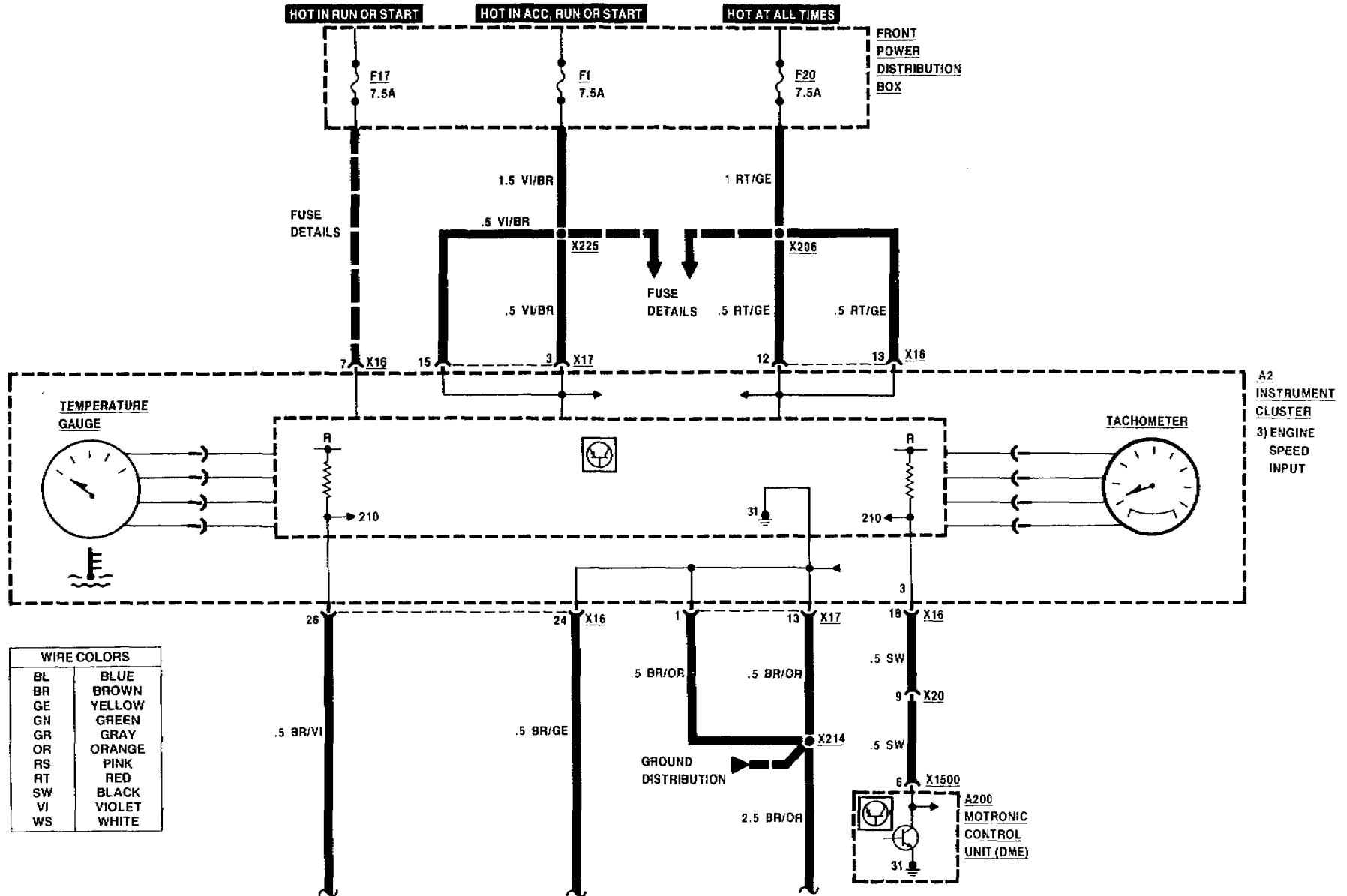
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



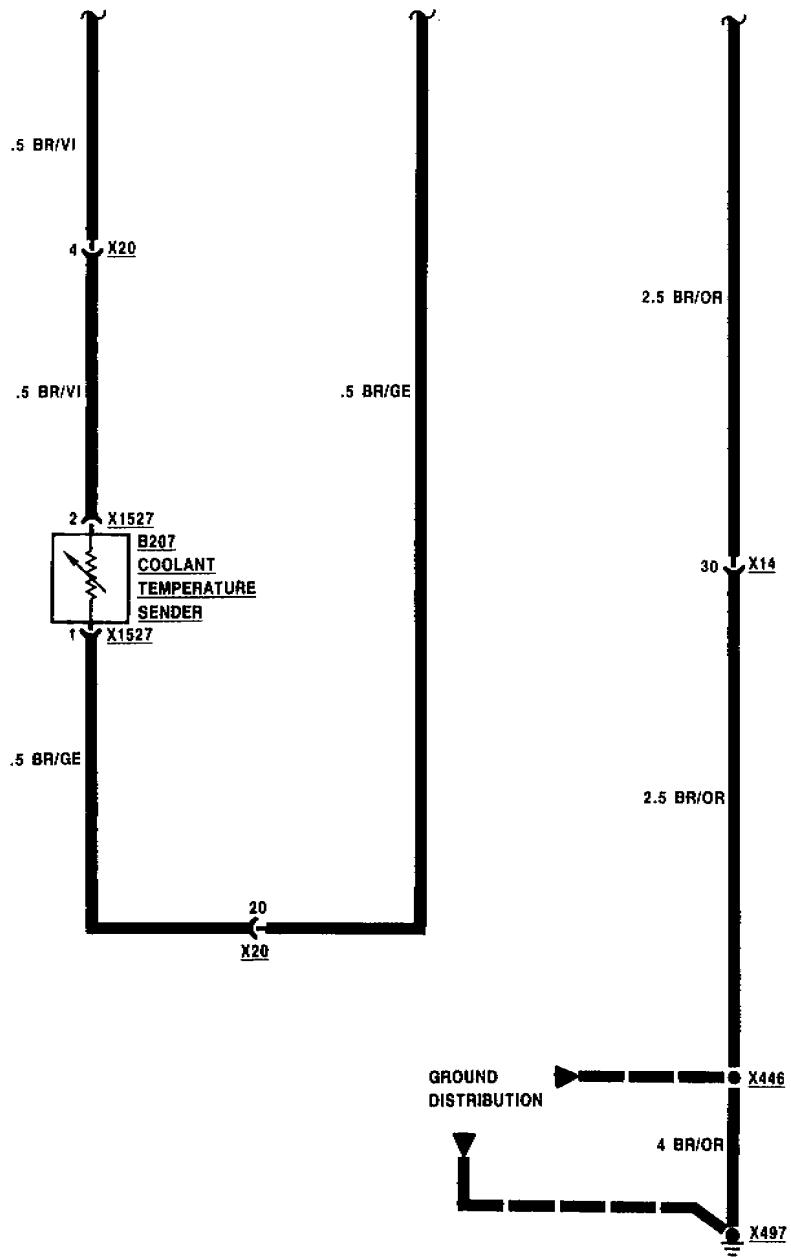


# INSTRUMENT CLUSTER/CHECK CONTROL

## INSTRUMENT CLUSTER GAUGES





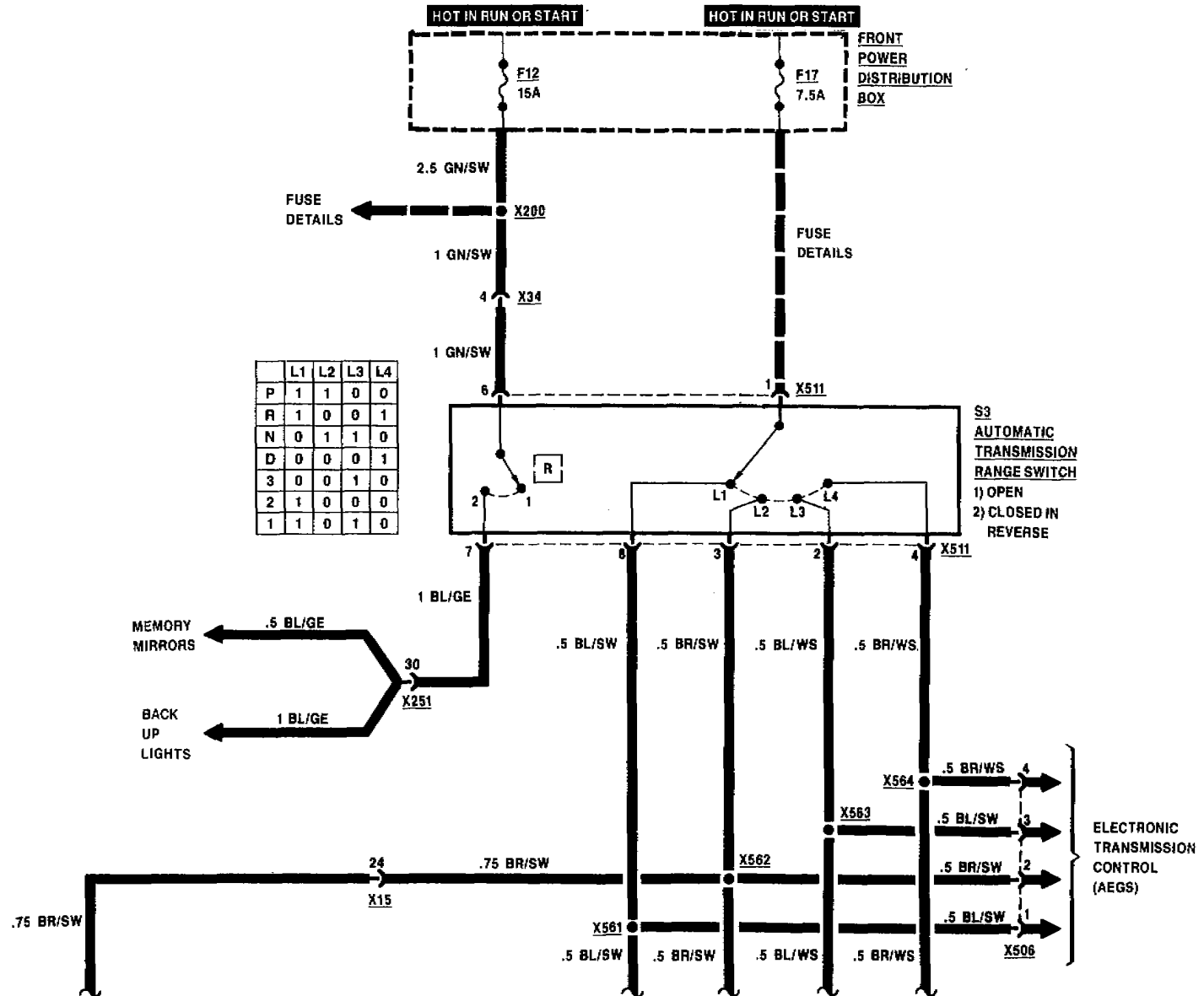


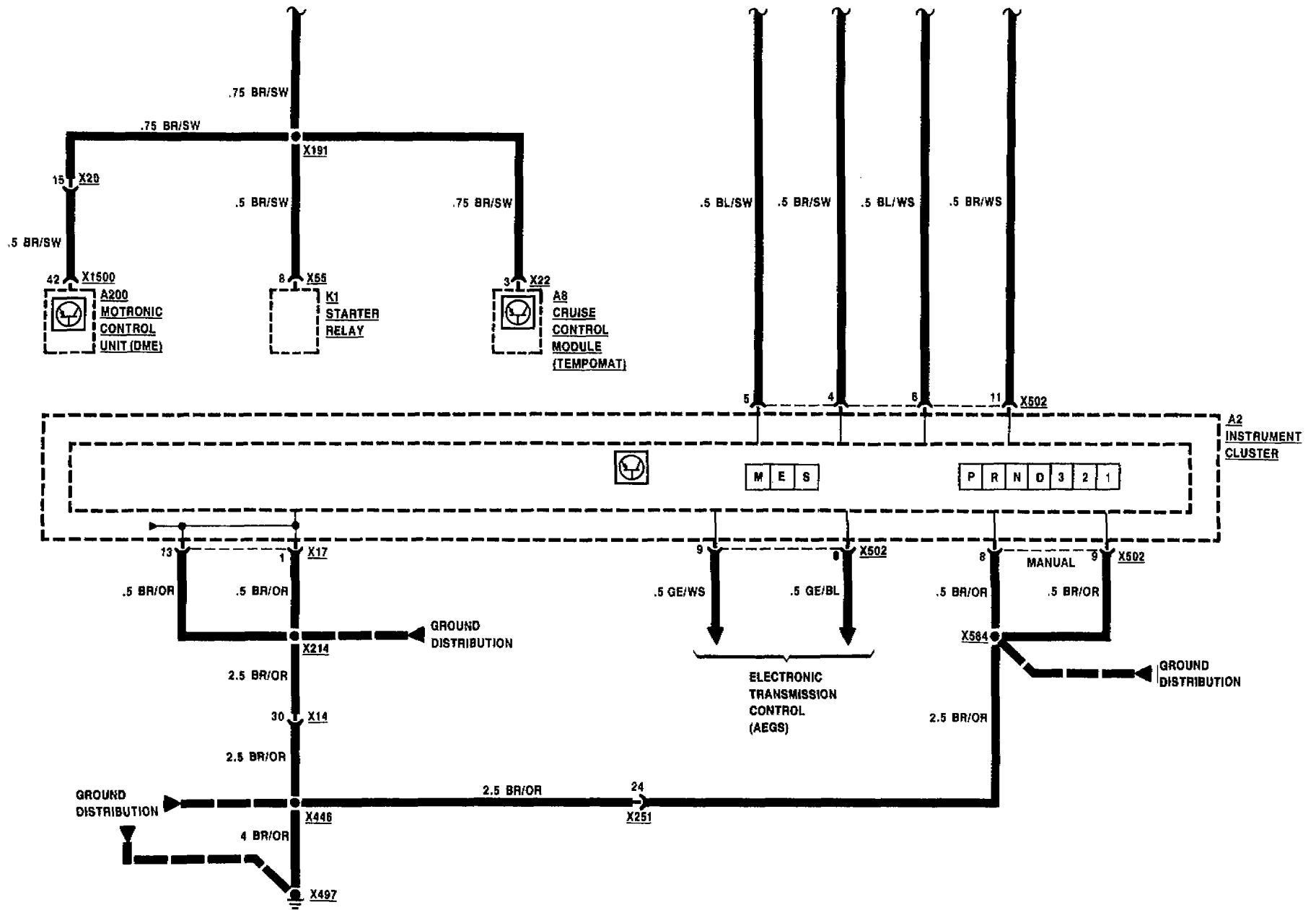
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# INSTRUMENT CLUSTER/CHECK CONTROL

## GEAR INDICATOR

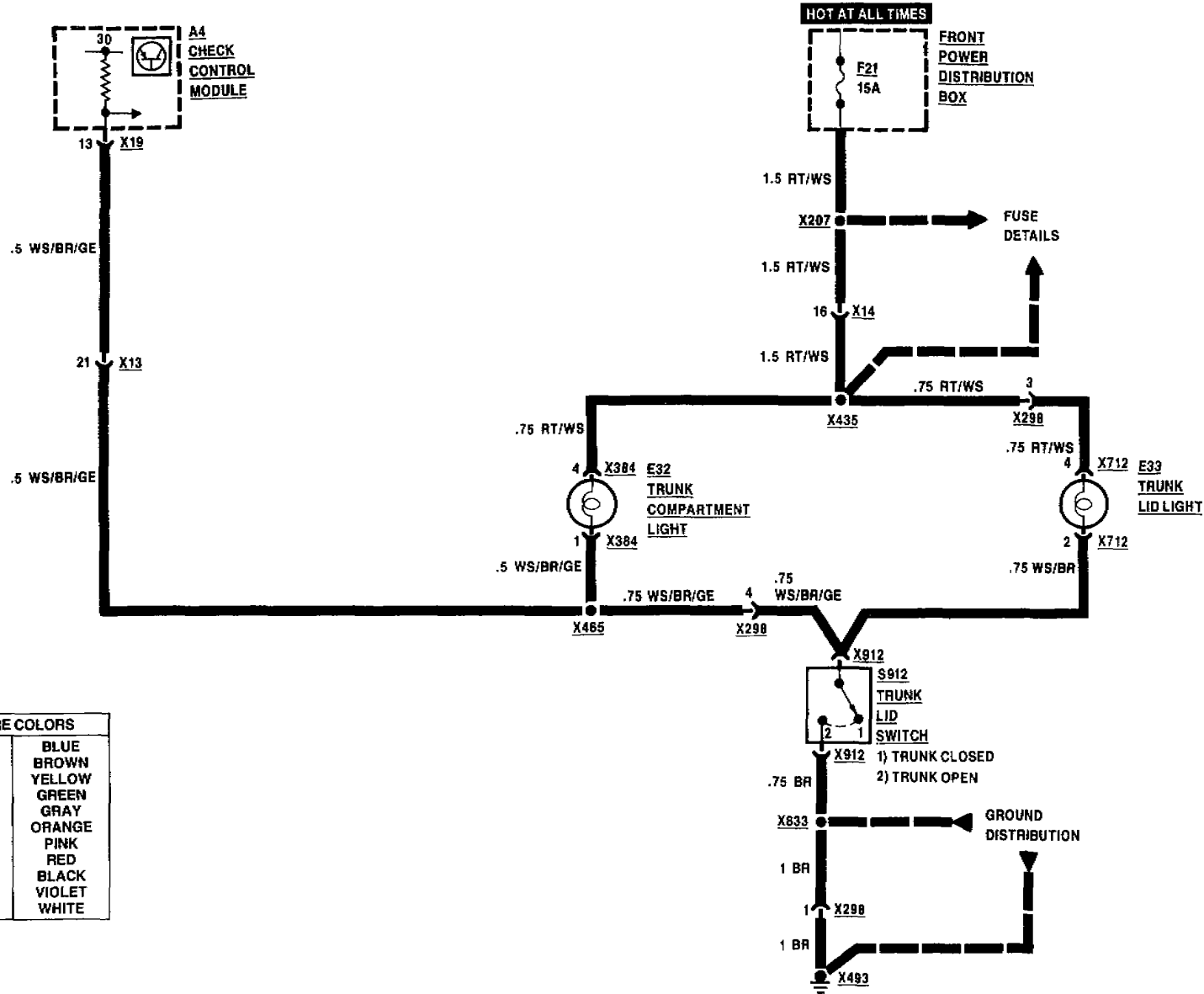






# INSTRUMENT CLUSTER/CHECK CONTROL

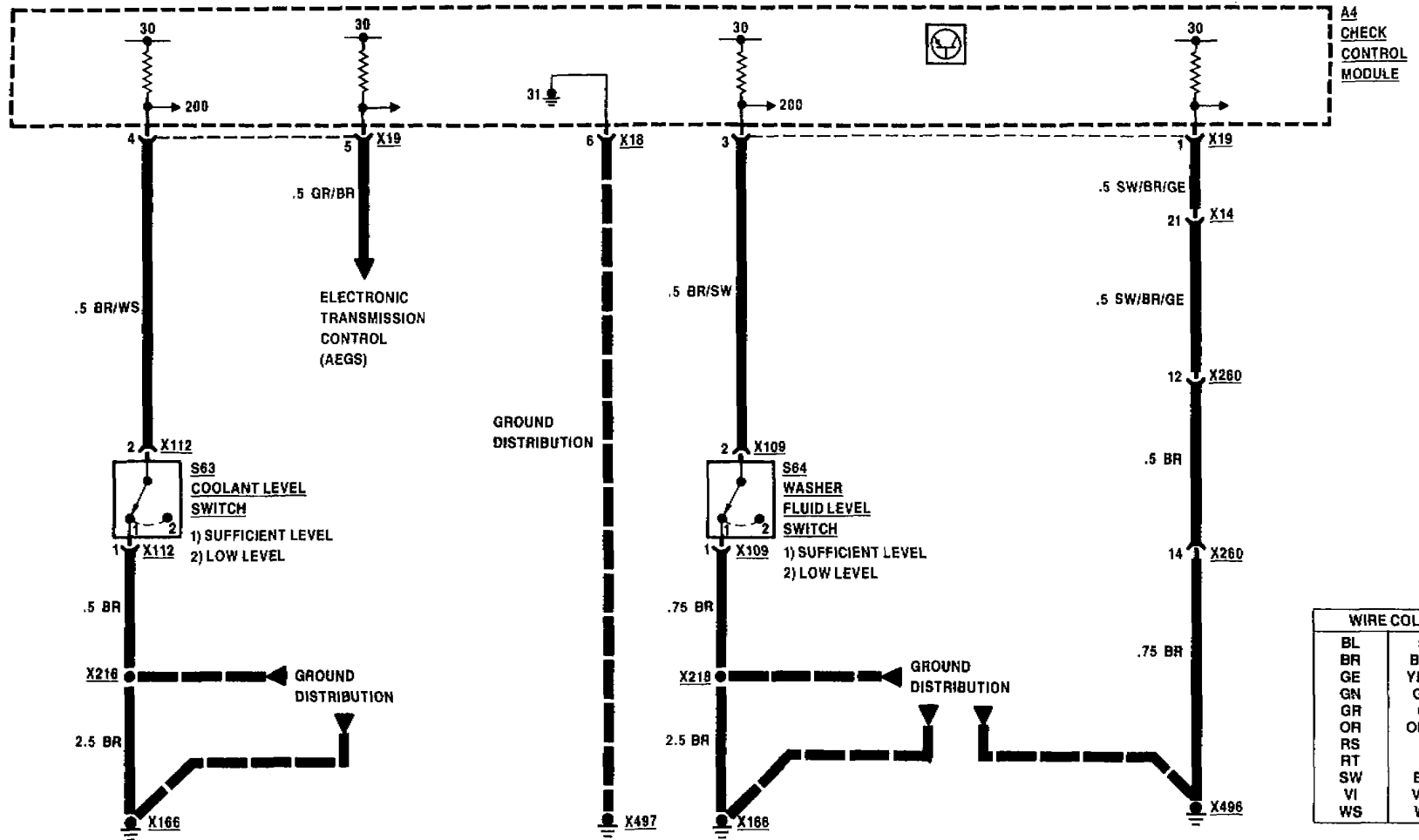
## CHECK CONTROL





# INSTRUMENT CLUSTER/CHECK CONTROL

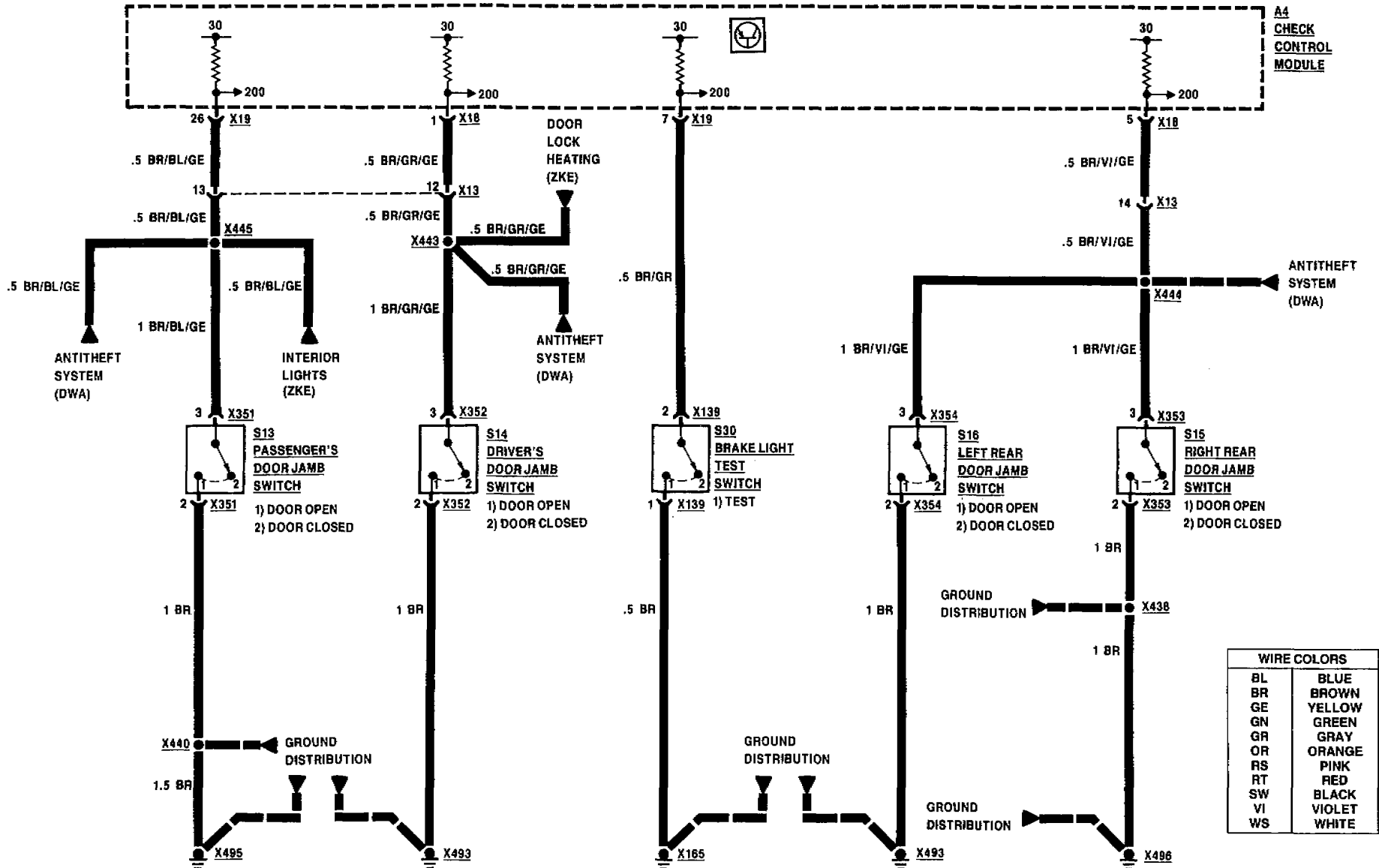
## CHECK CONTROL





# INSTRUMENT CLUSTER/CHECK CONTROL

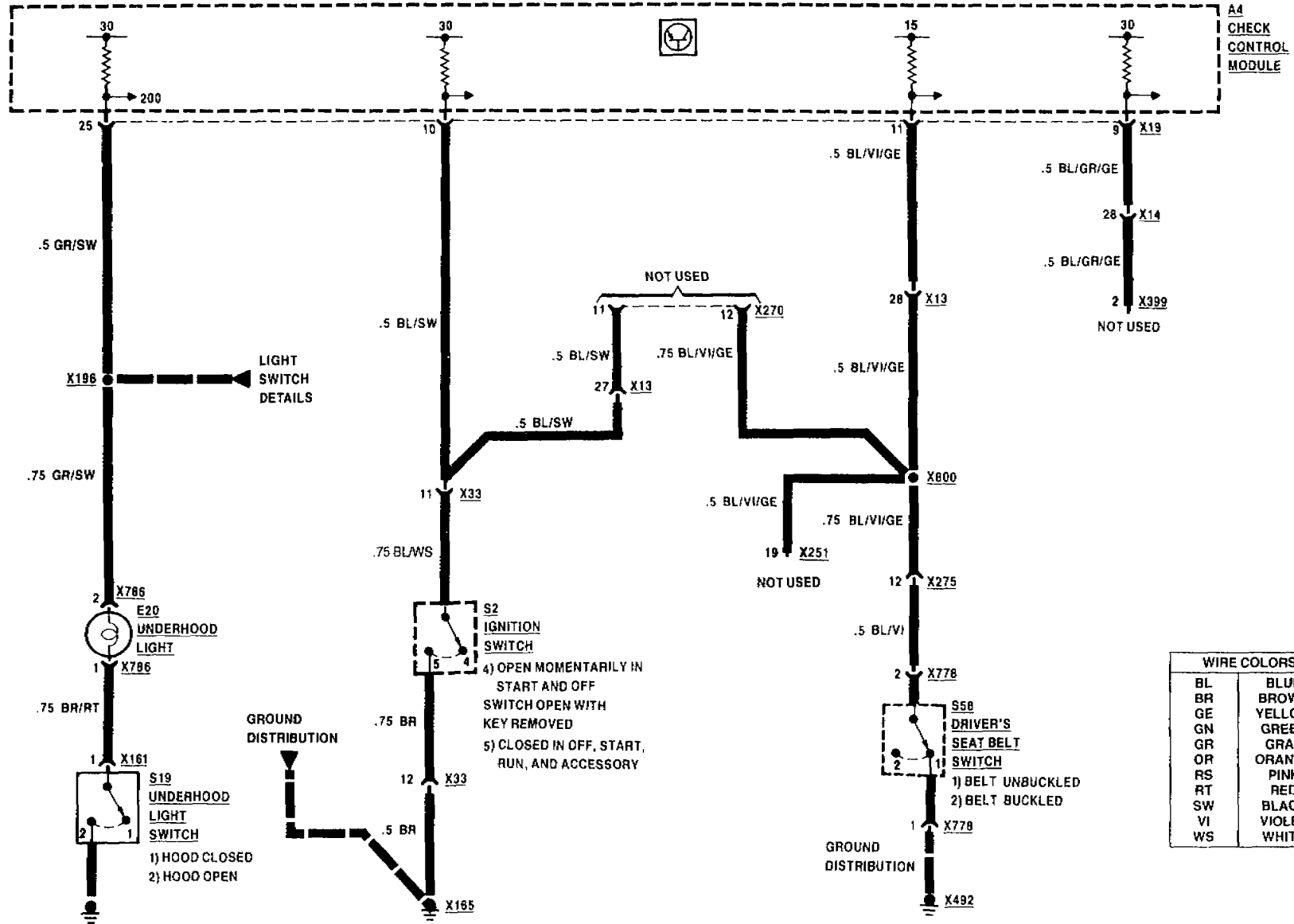
## CHECK CONTROL





# INSTRUMENT CLUSTER/CHECK CONTROL

## CHECK CONTROL

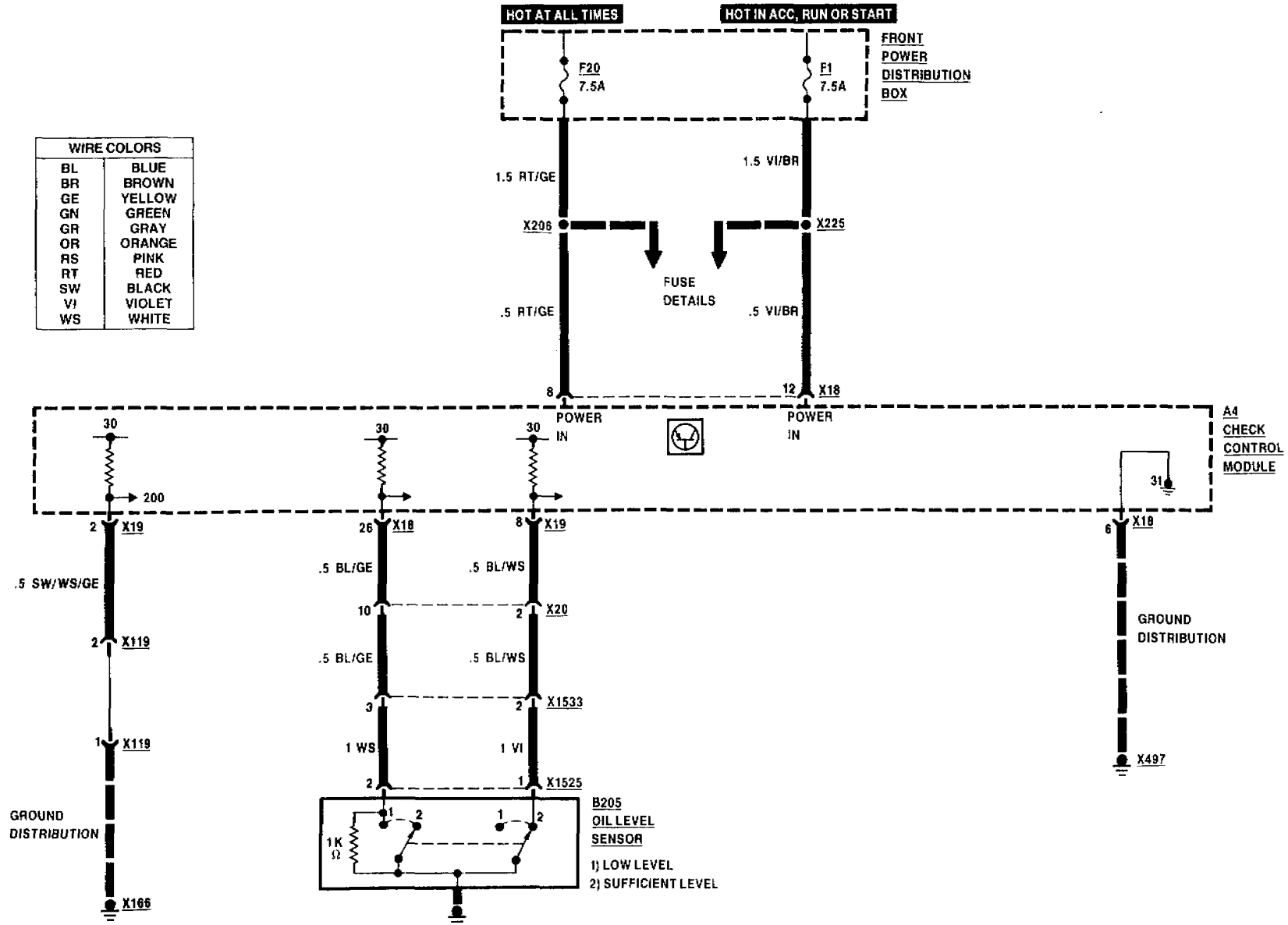




# INSTRUMENT CLUSTER/CHECK CONTROL

## 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

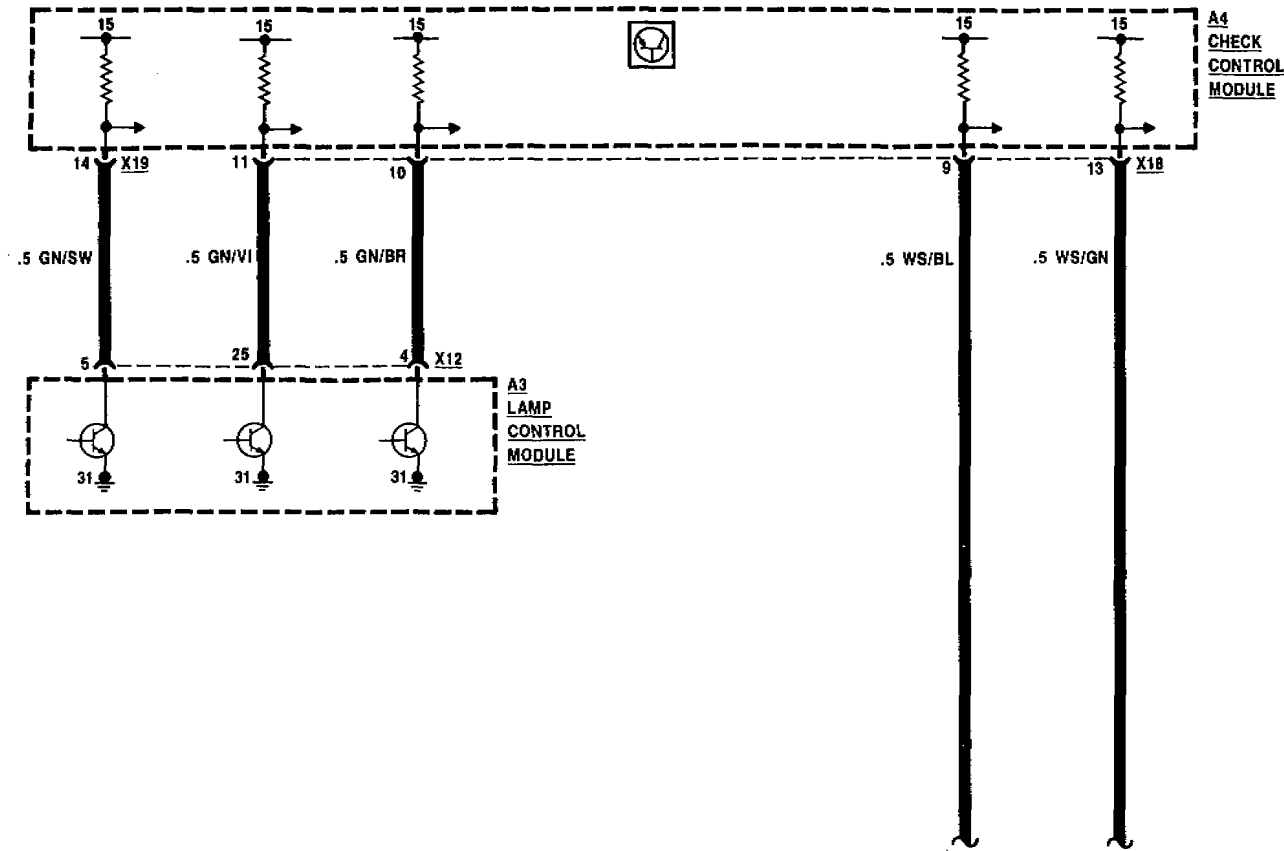




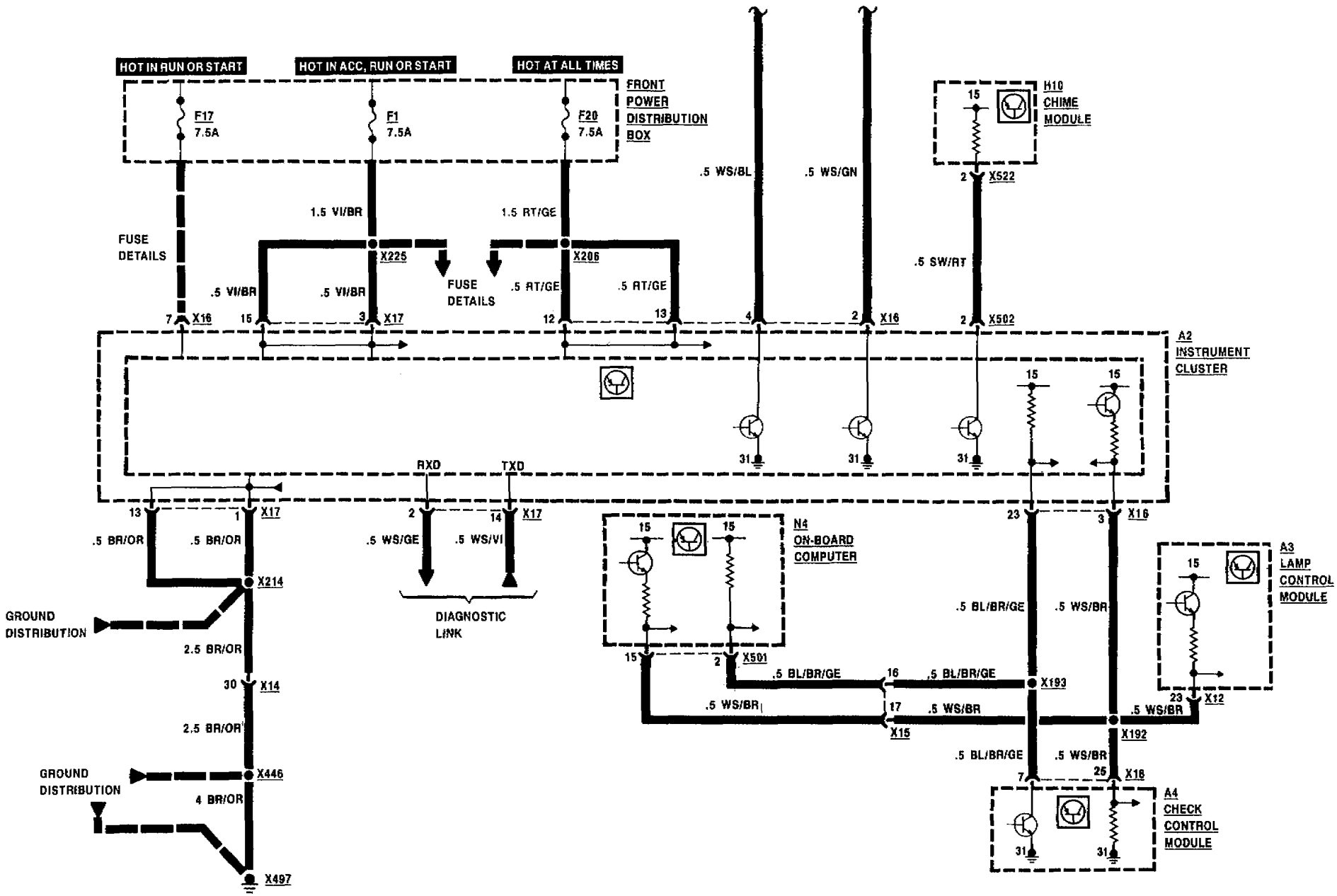
**FOR INSTRUMENT CLUSTER/CHECK CONTROL:  
DATA LINK,  
SEE PAGE 6200-03**



# INSTRUMENT CLUSTER/CHECK CONTROL DATA LINK

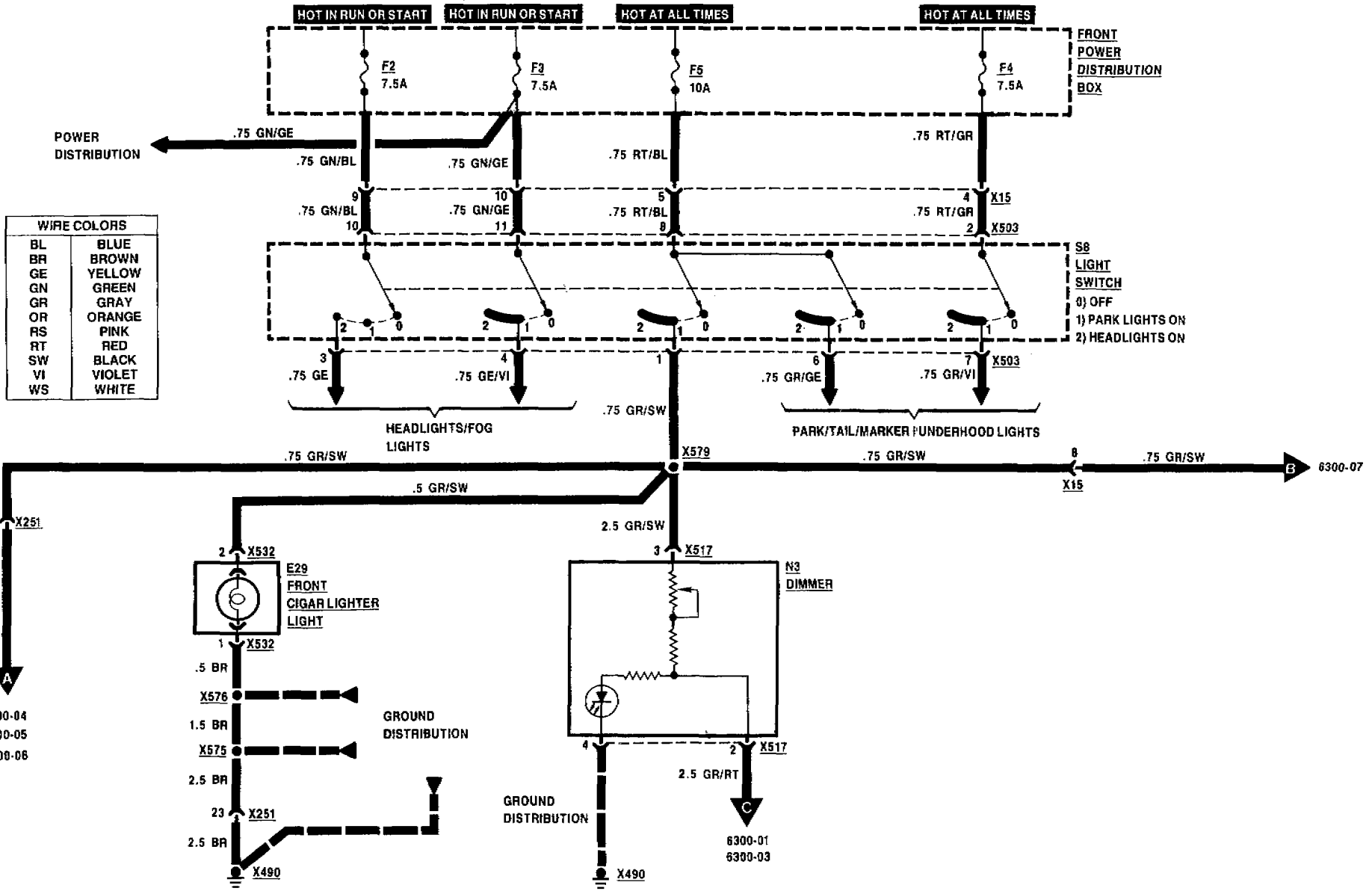


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# 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

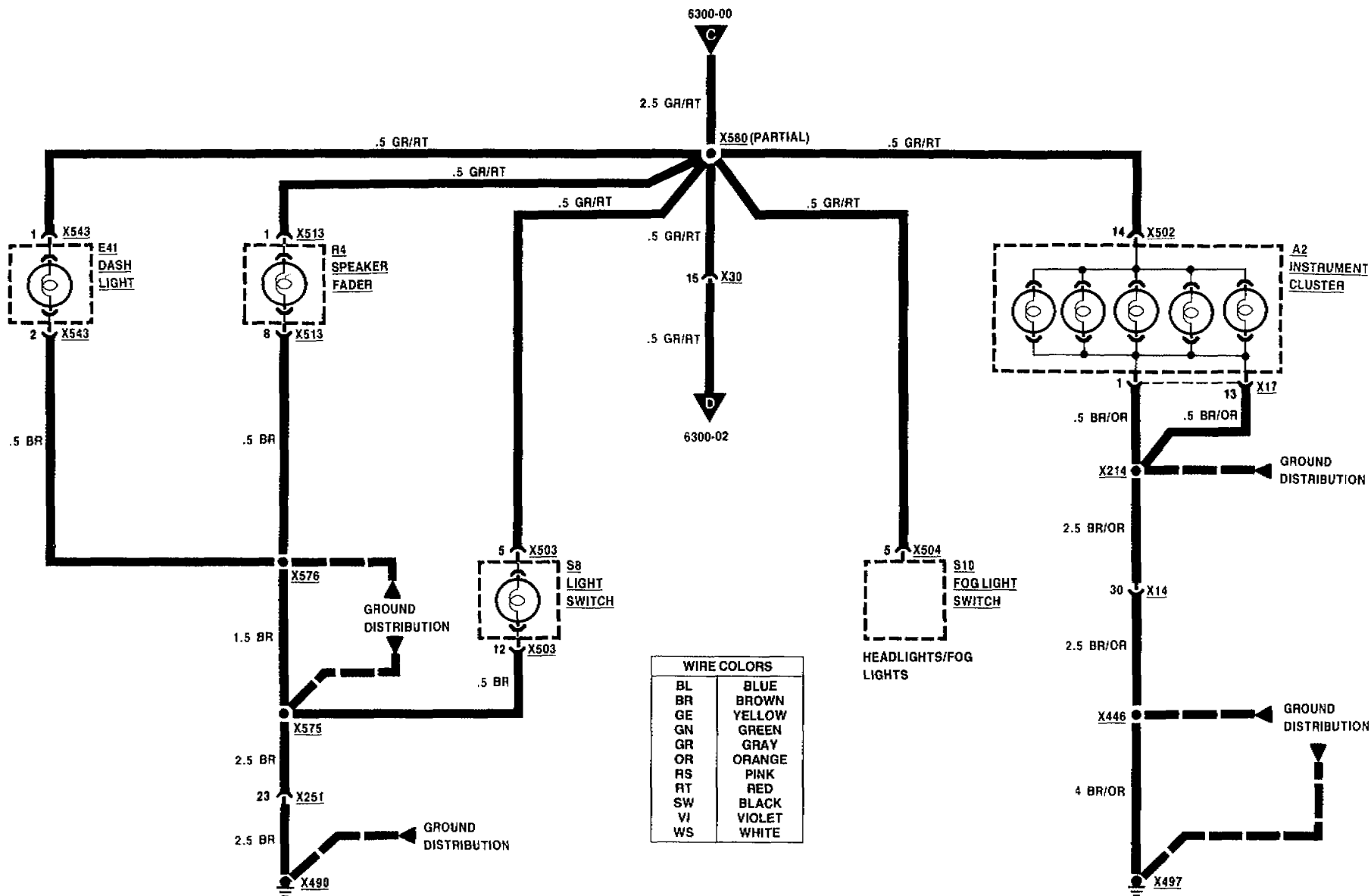
6300-04  
6300-05  
6300-06

6300-01  
6300-03

6300-07



# 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

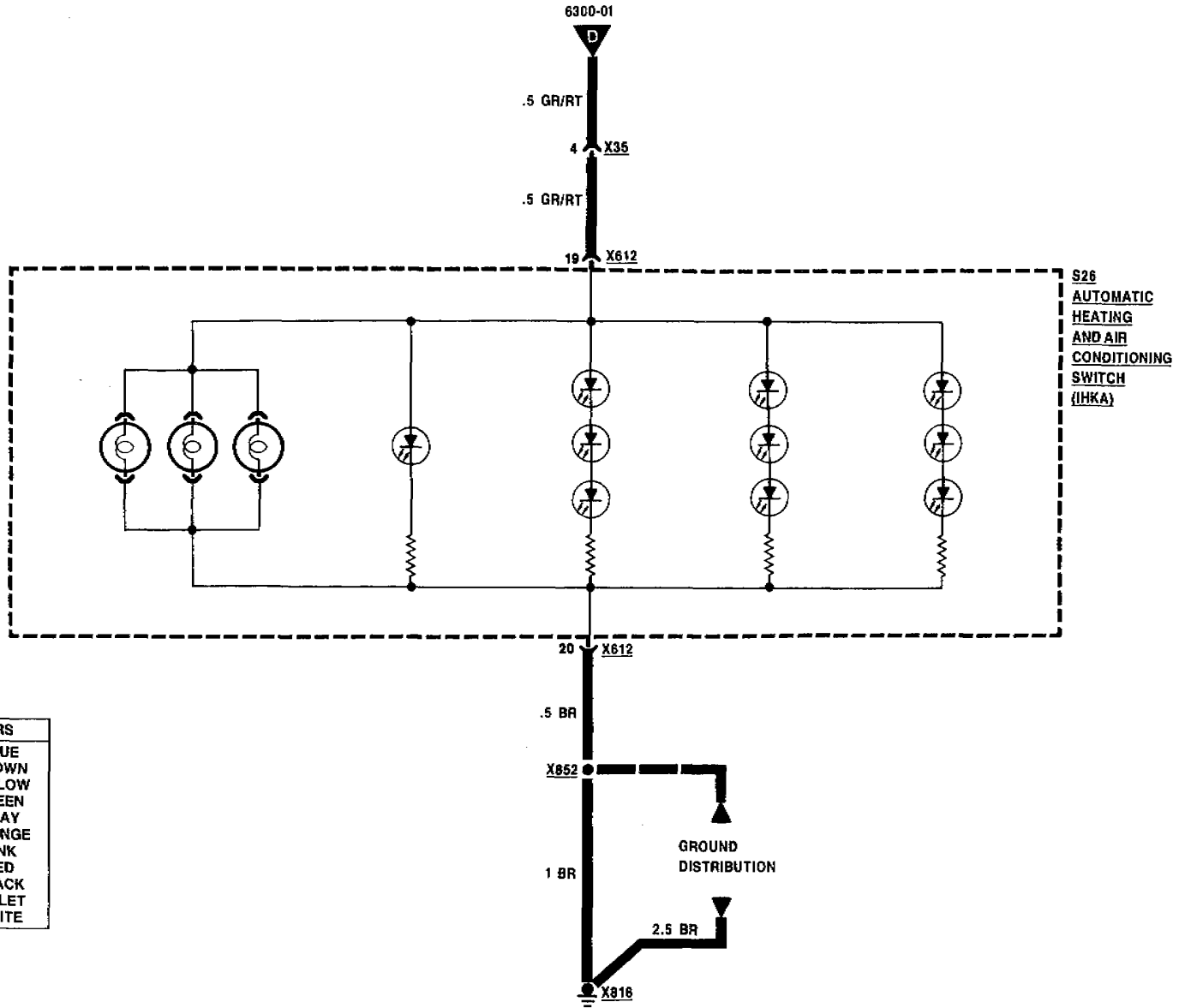
02/87

6300-01

1988



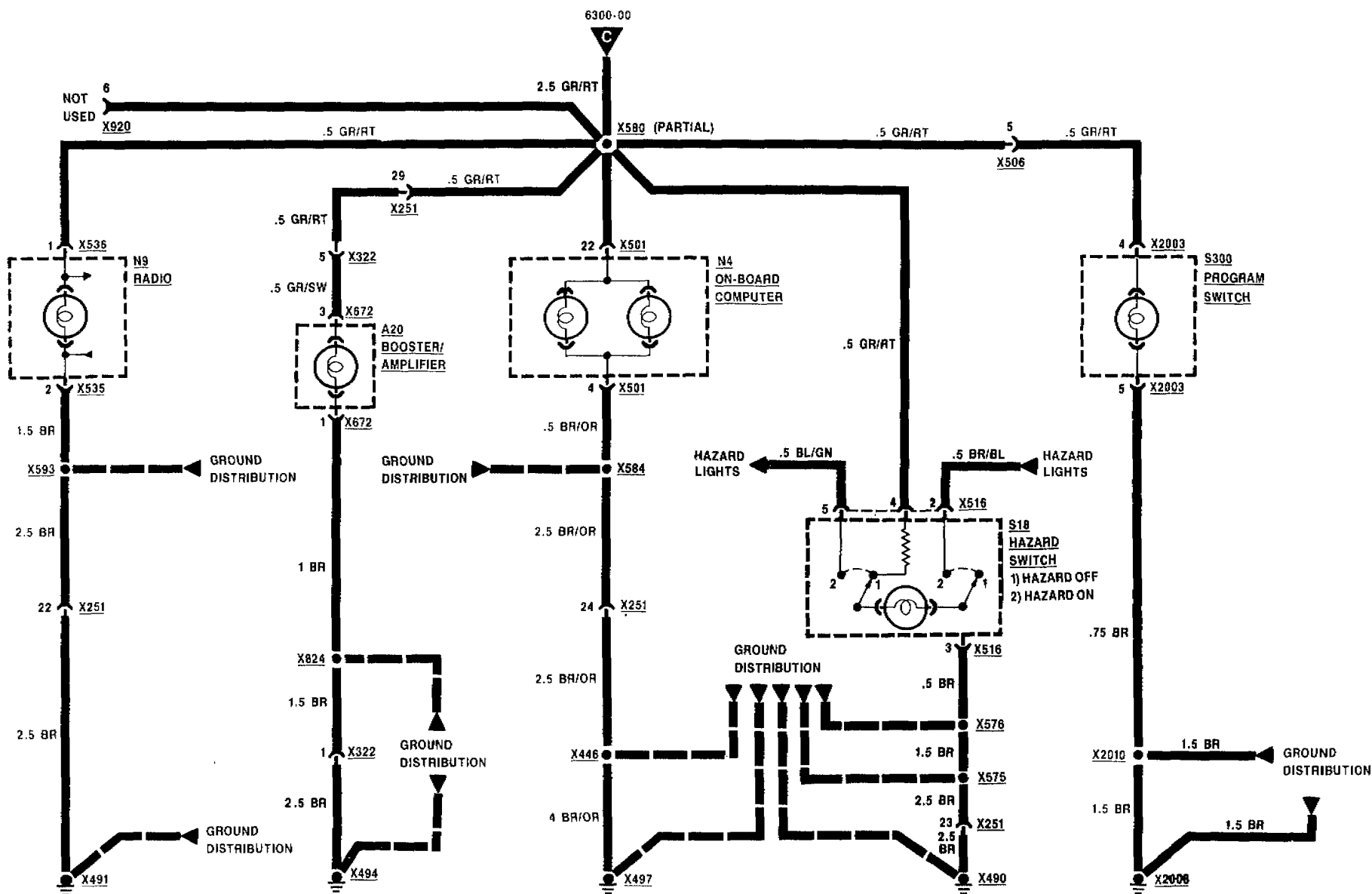
# LIGHT SWITCH DETAILS



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

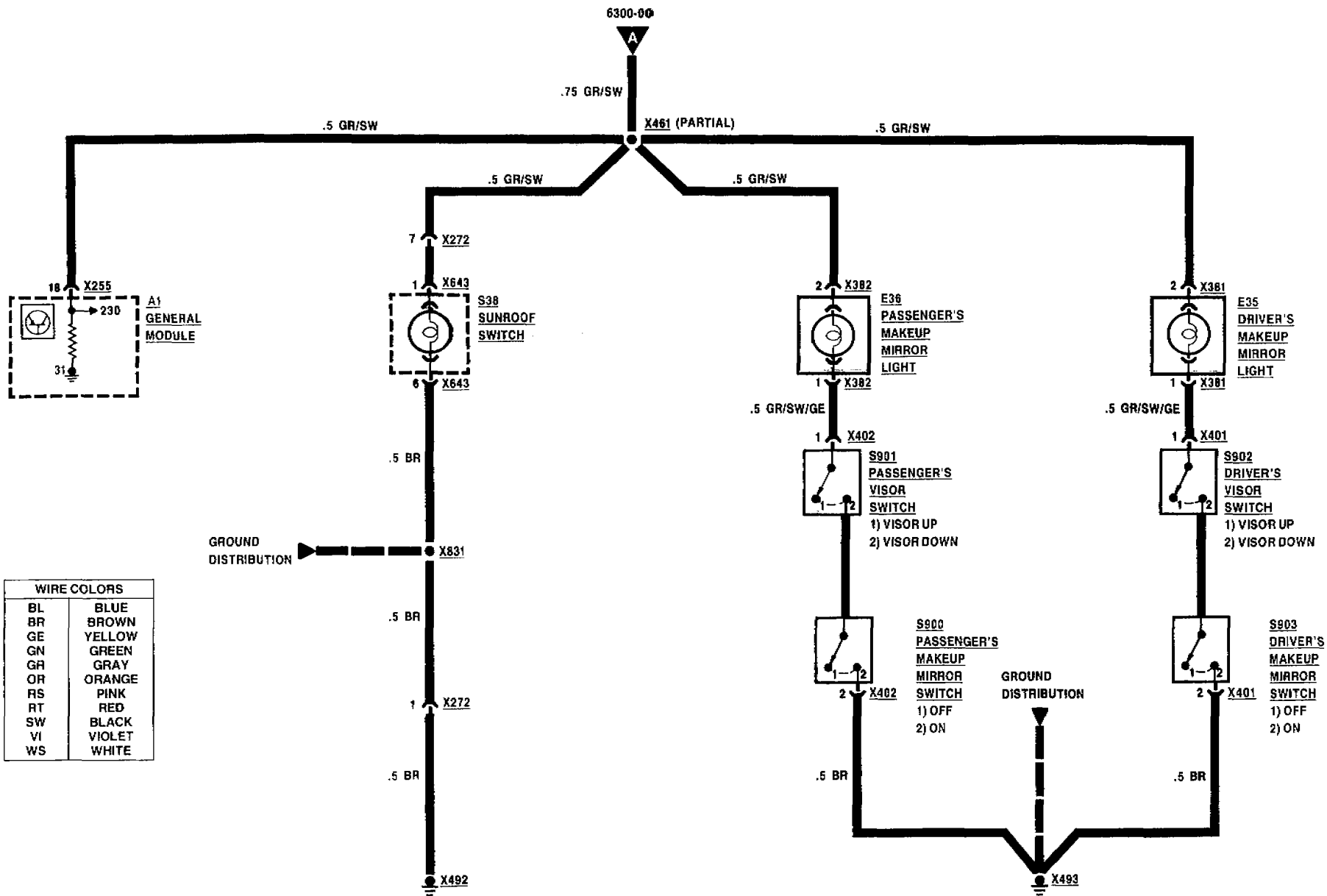


08/87

6300-03

1988

# LIGHT SWITCH DETAILS

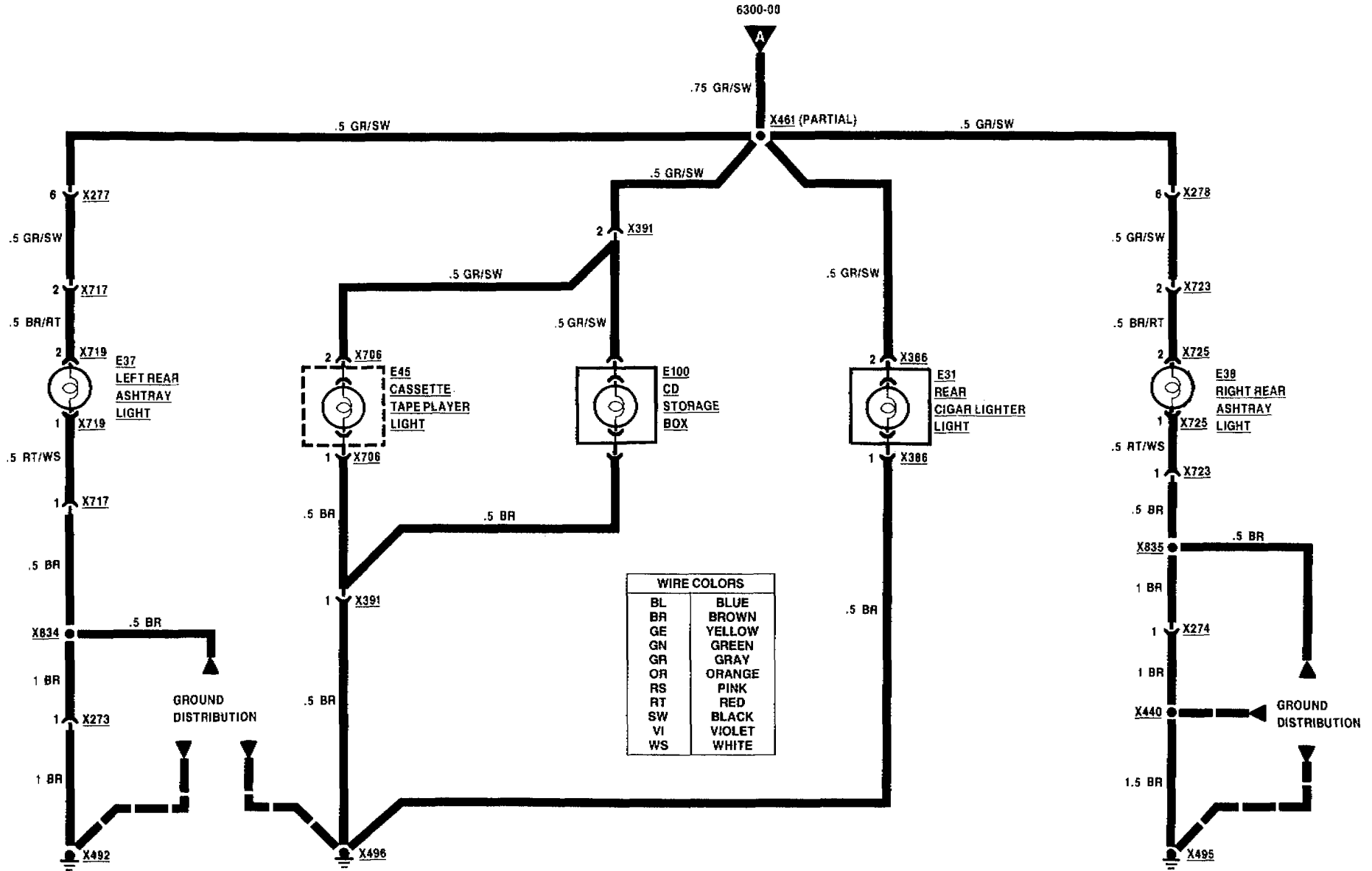


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



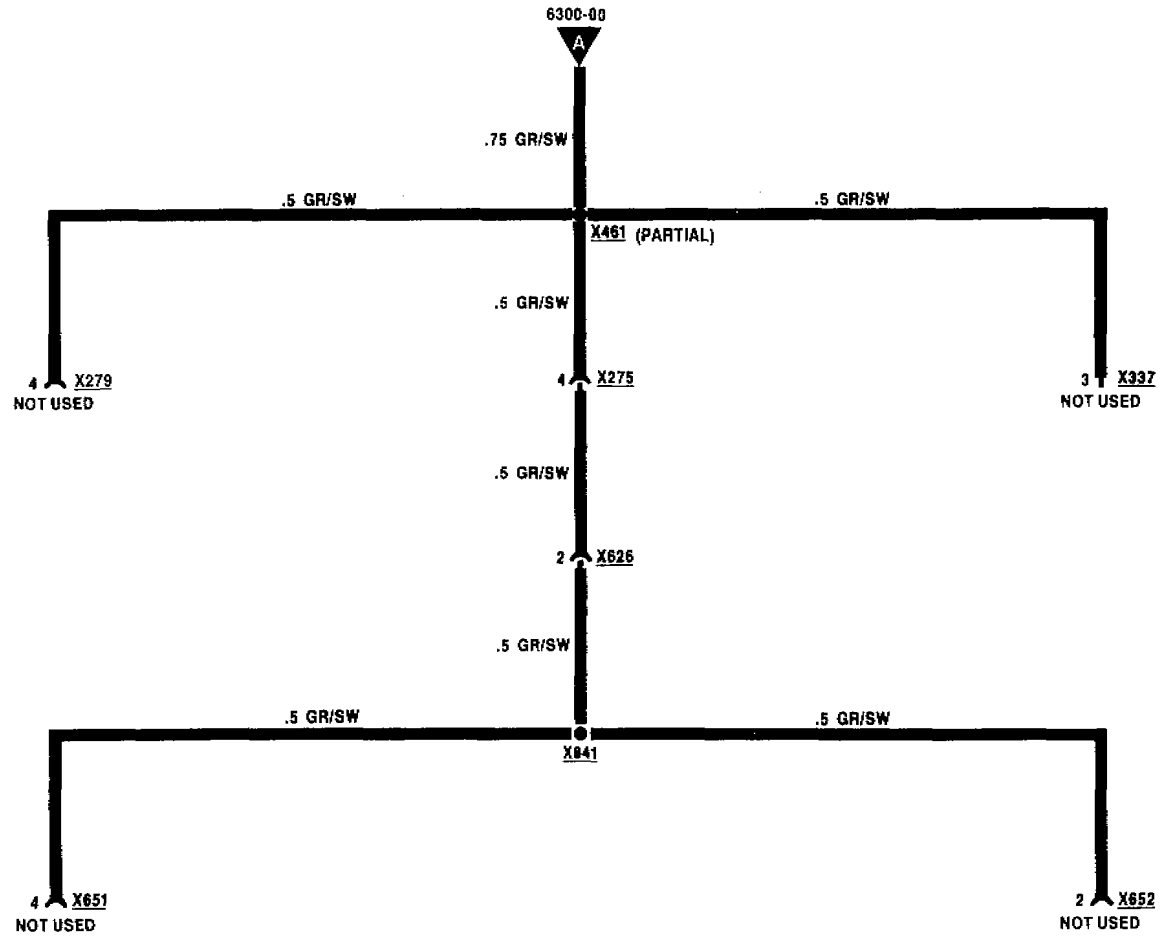


# LIGHT SWITCH DETAILS





# LIGHT SWITCH DETAILS



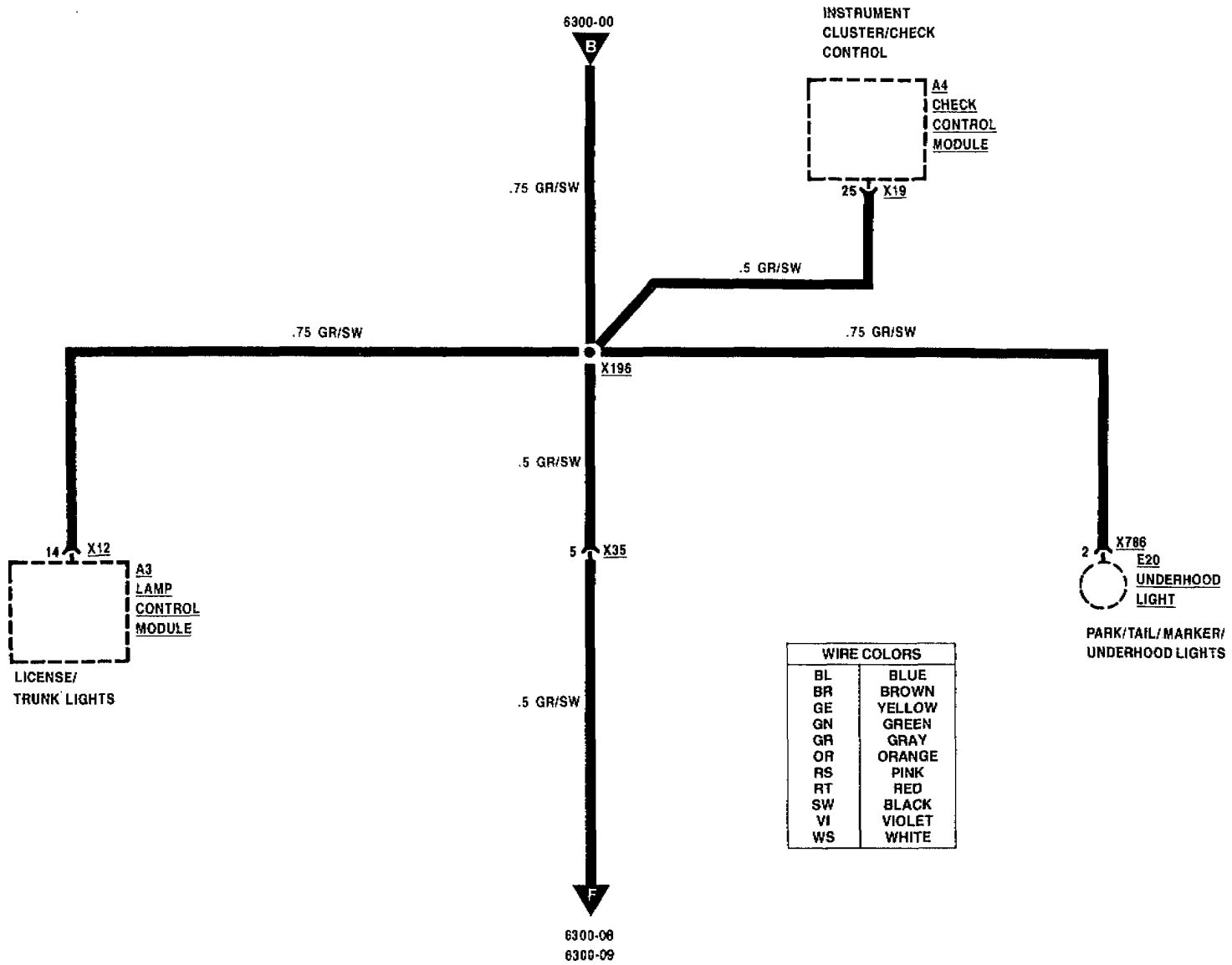
08/87

6300-06

1988



# LIGHT SWITCH DETAILS



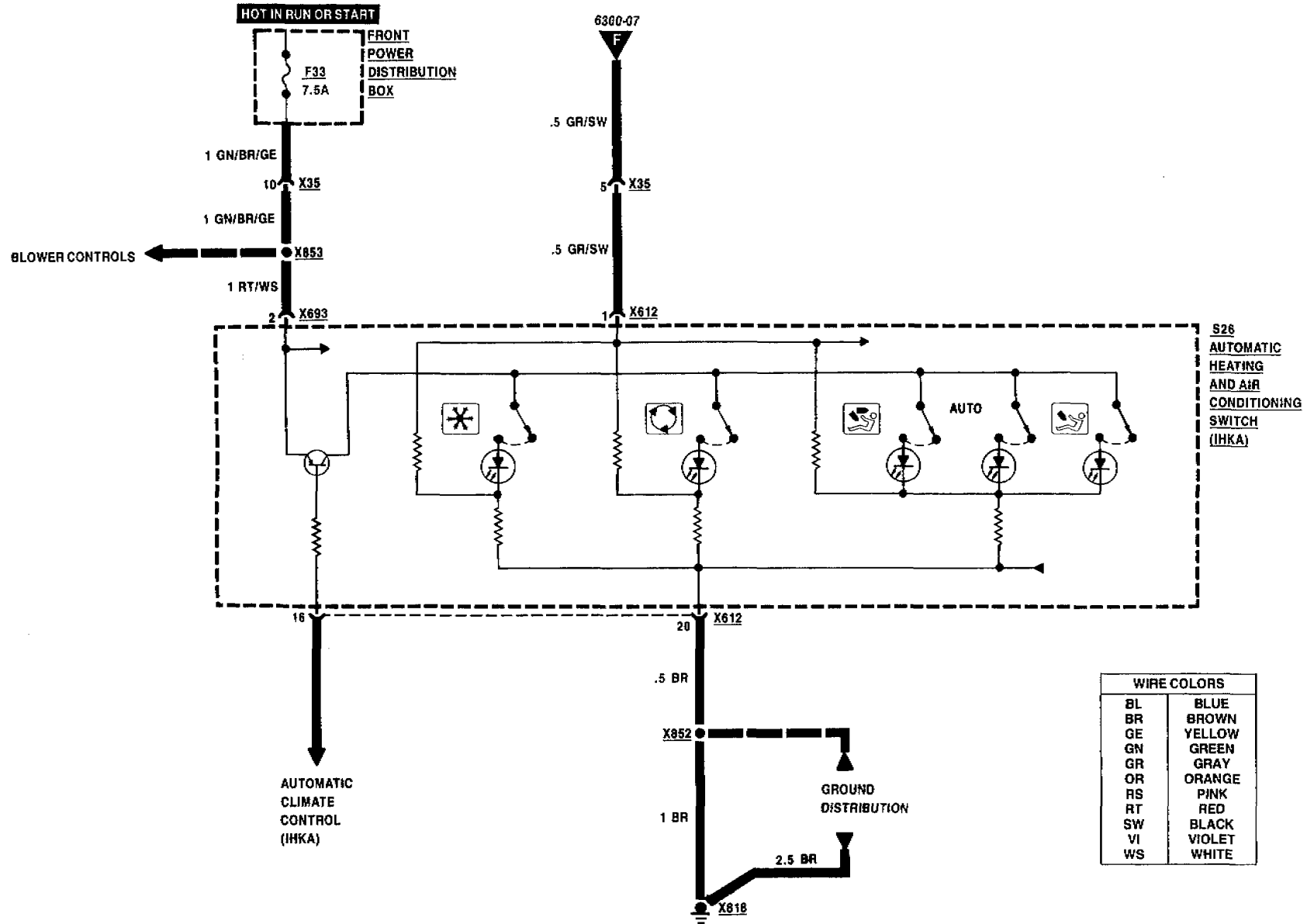
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

08/87

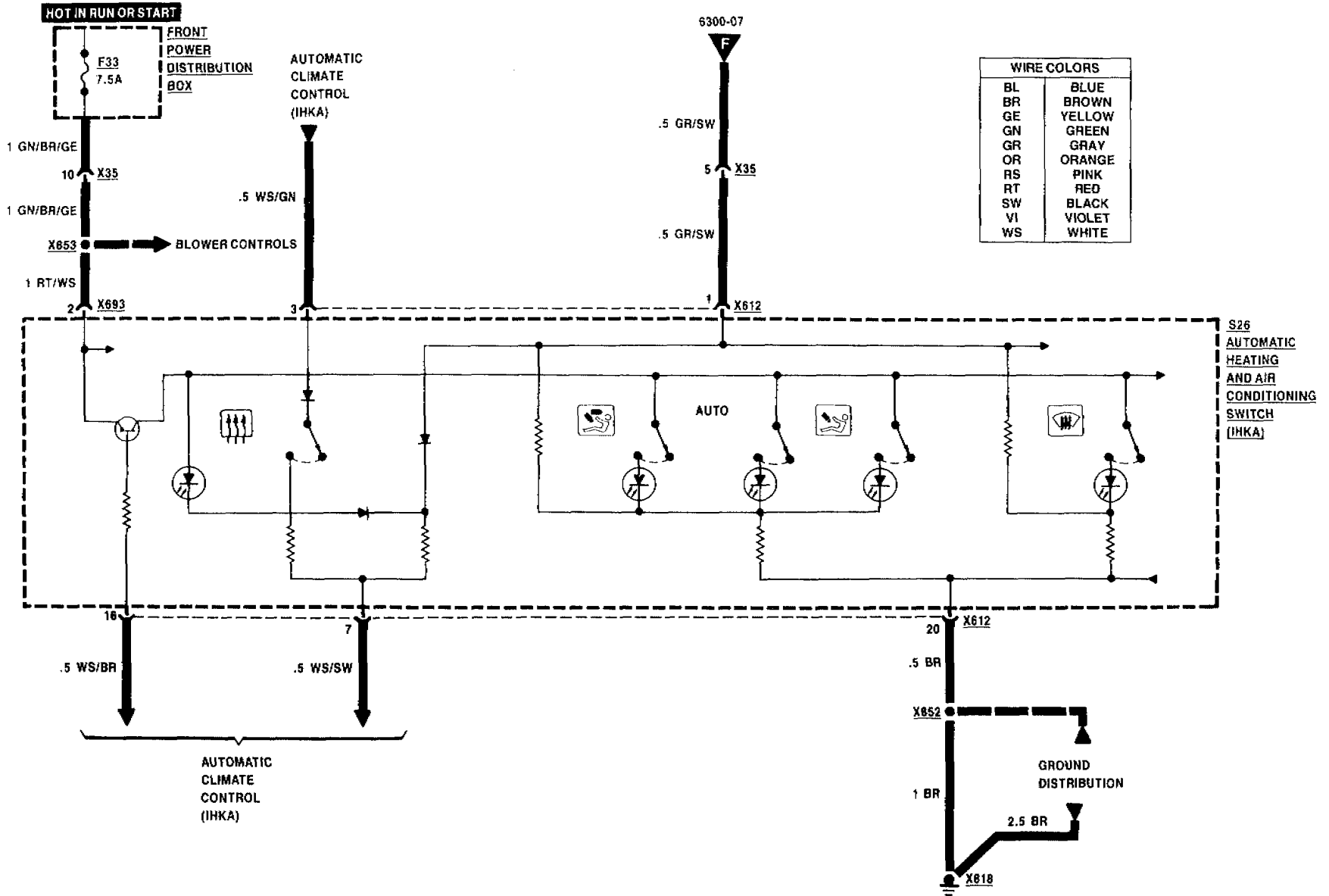
6300-07

1988

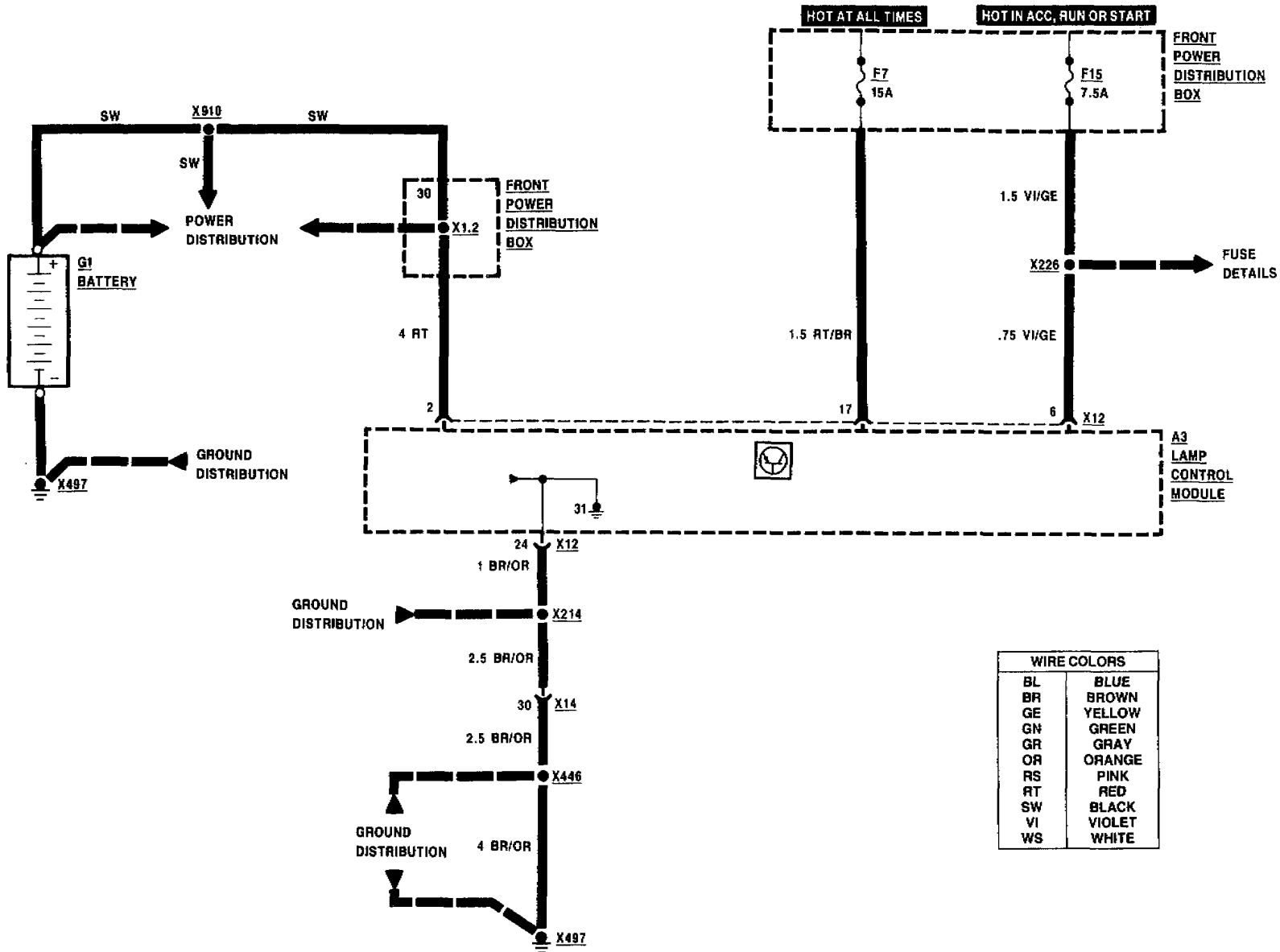
# LIGHT SWITCH DETAILS



# LIGHT SWITCH DETAILS

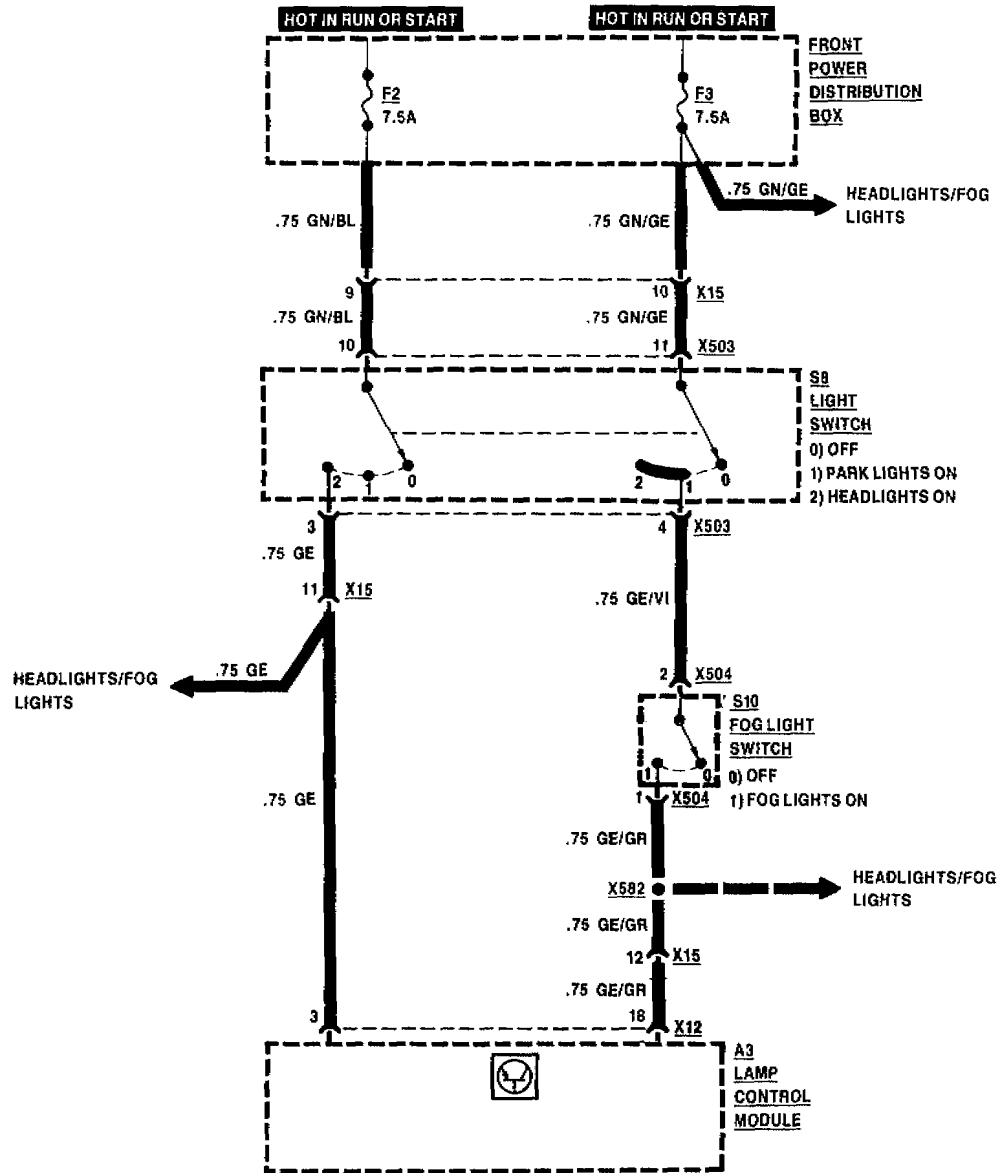


# LAMP MONITOR (LKM)





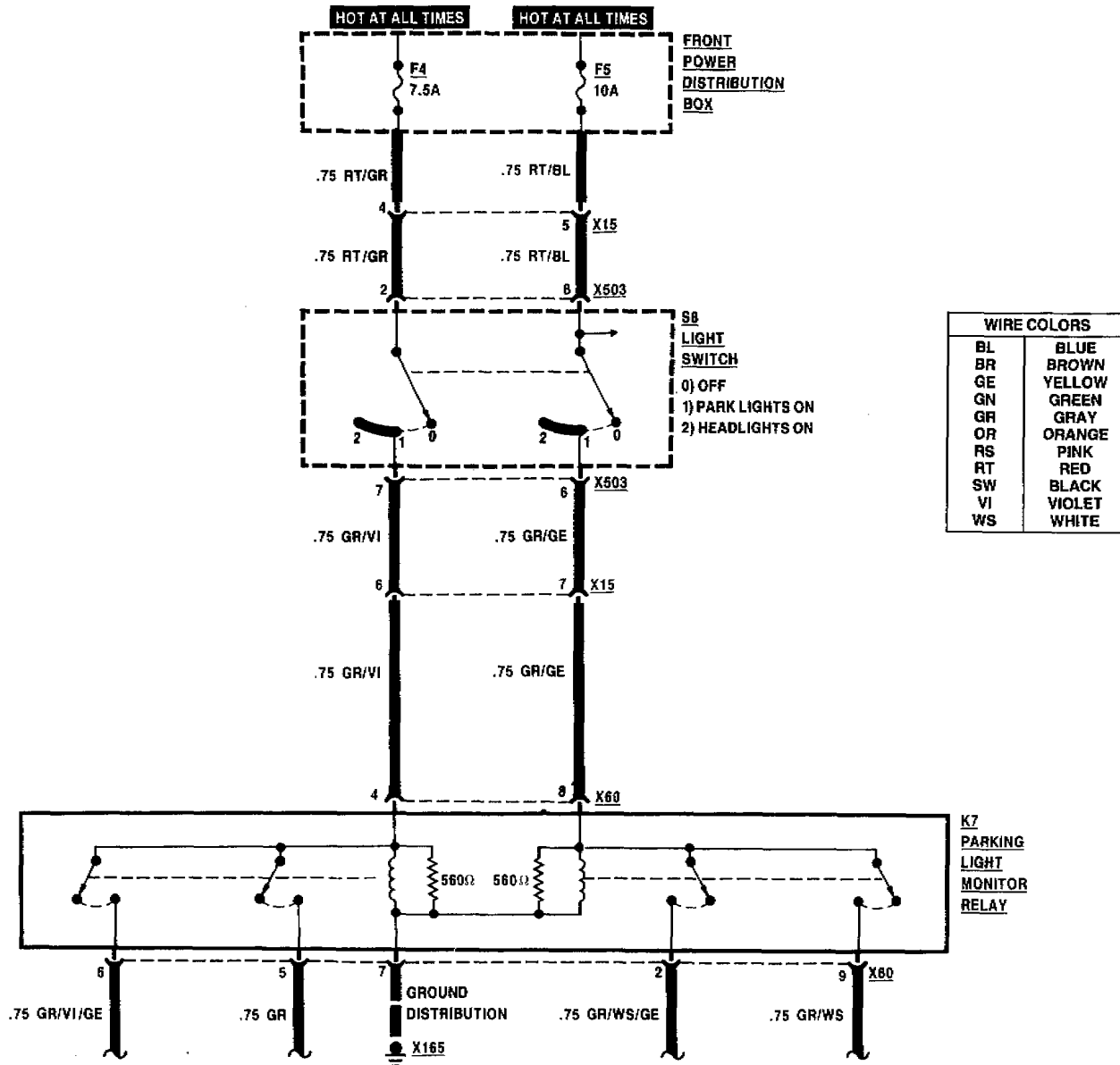
# LAMP MONITOR (LKM)



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

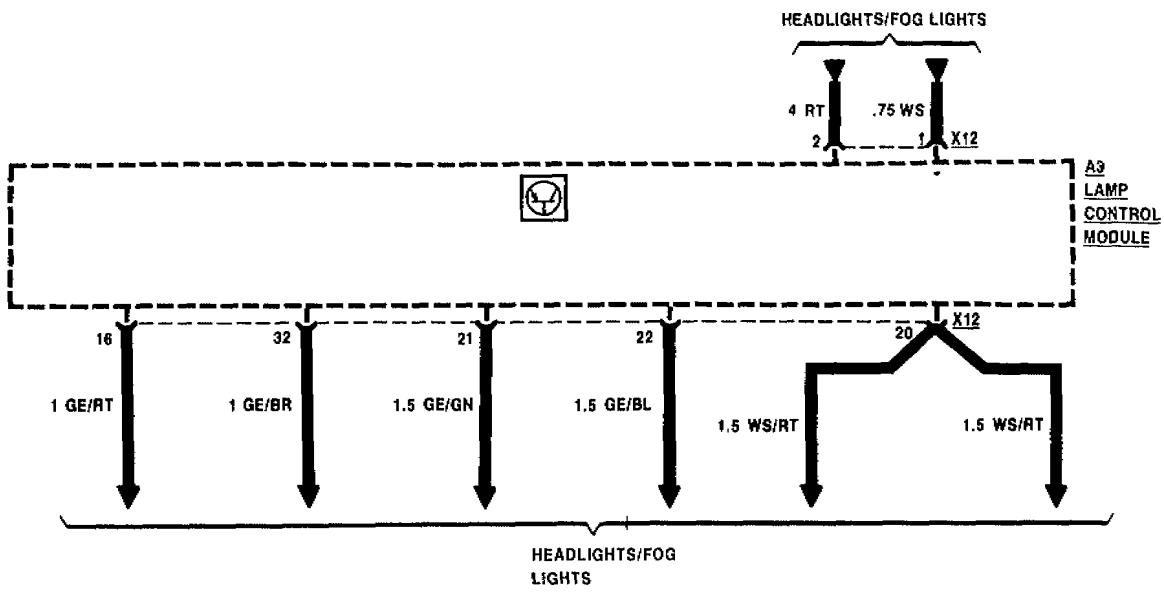
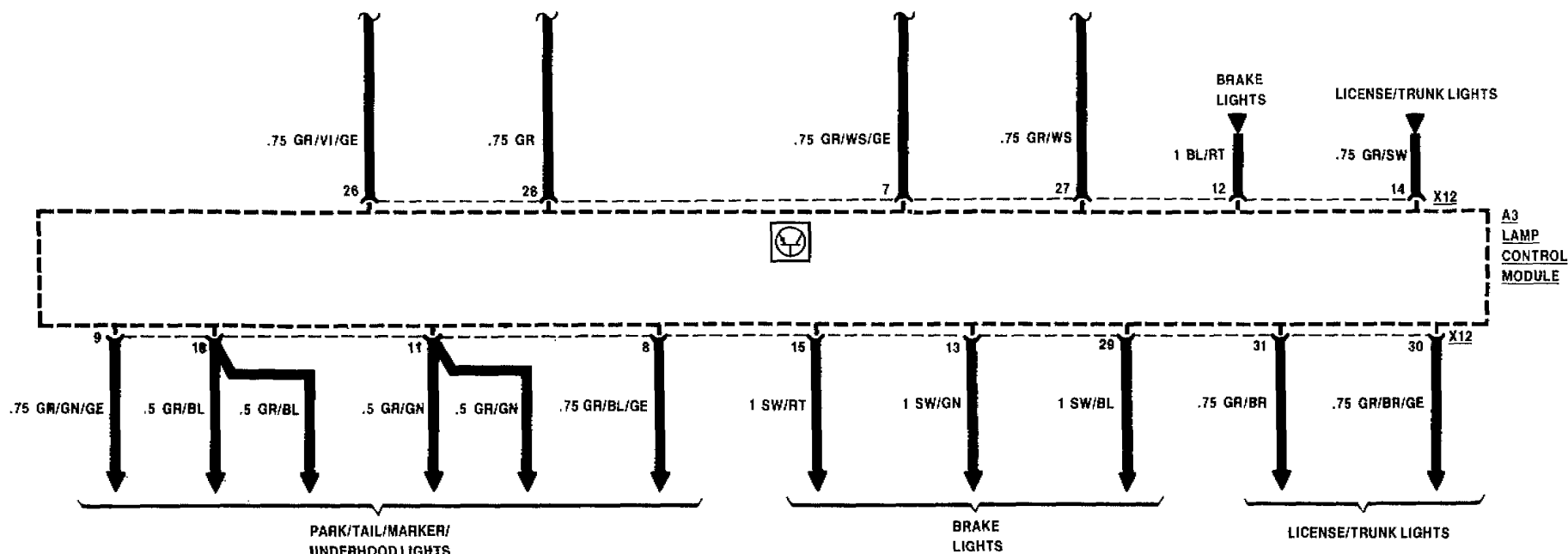


# LAMP MONITOR (LKM)



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



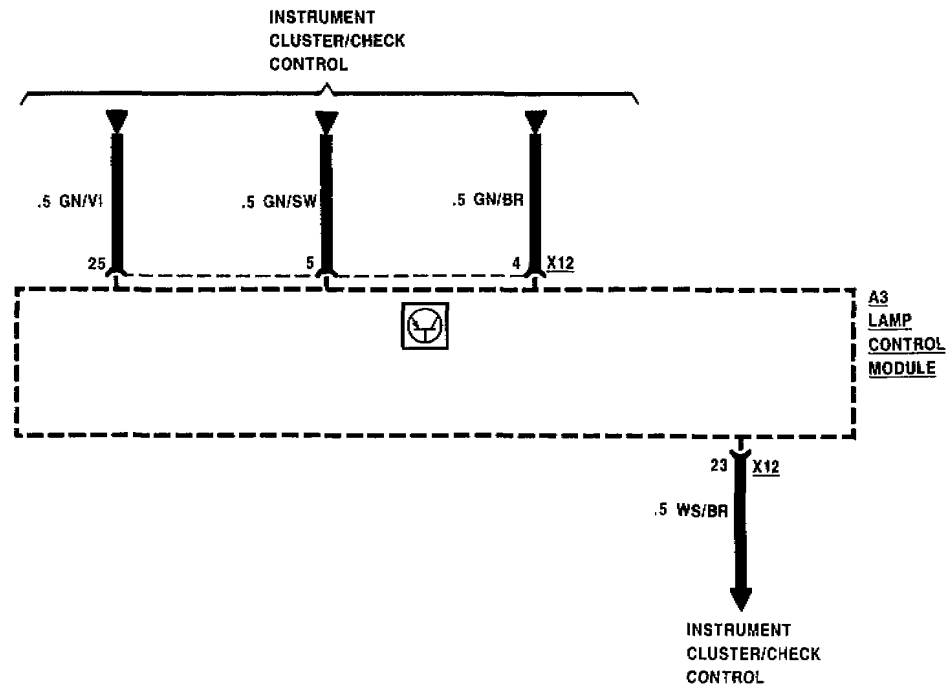
# LAMP MONITOR (LKM) DATA LINK

02/87

6301-04

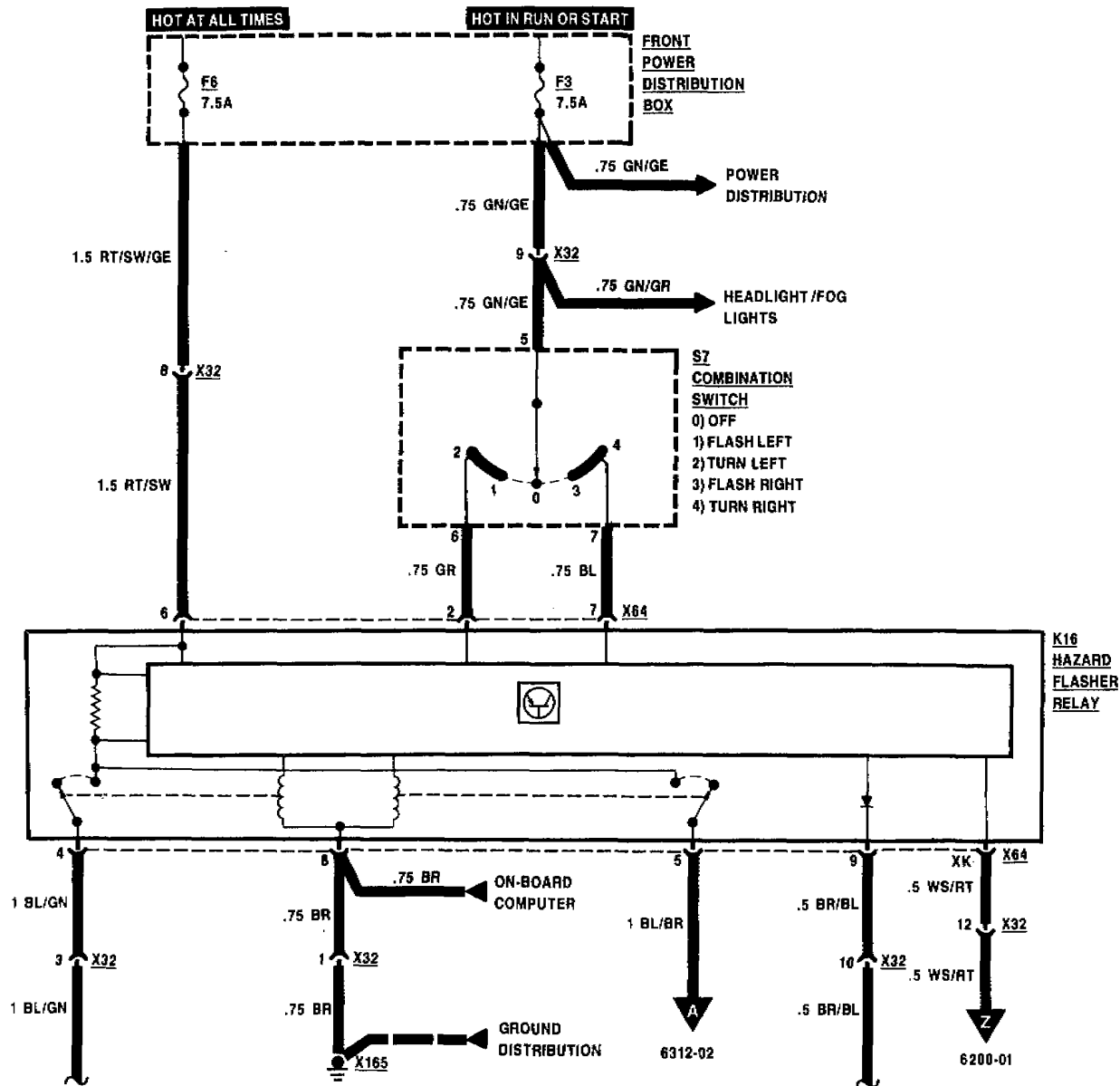
1988

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

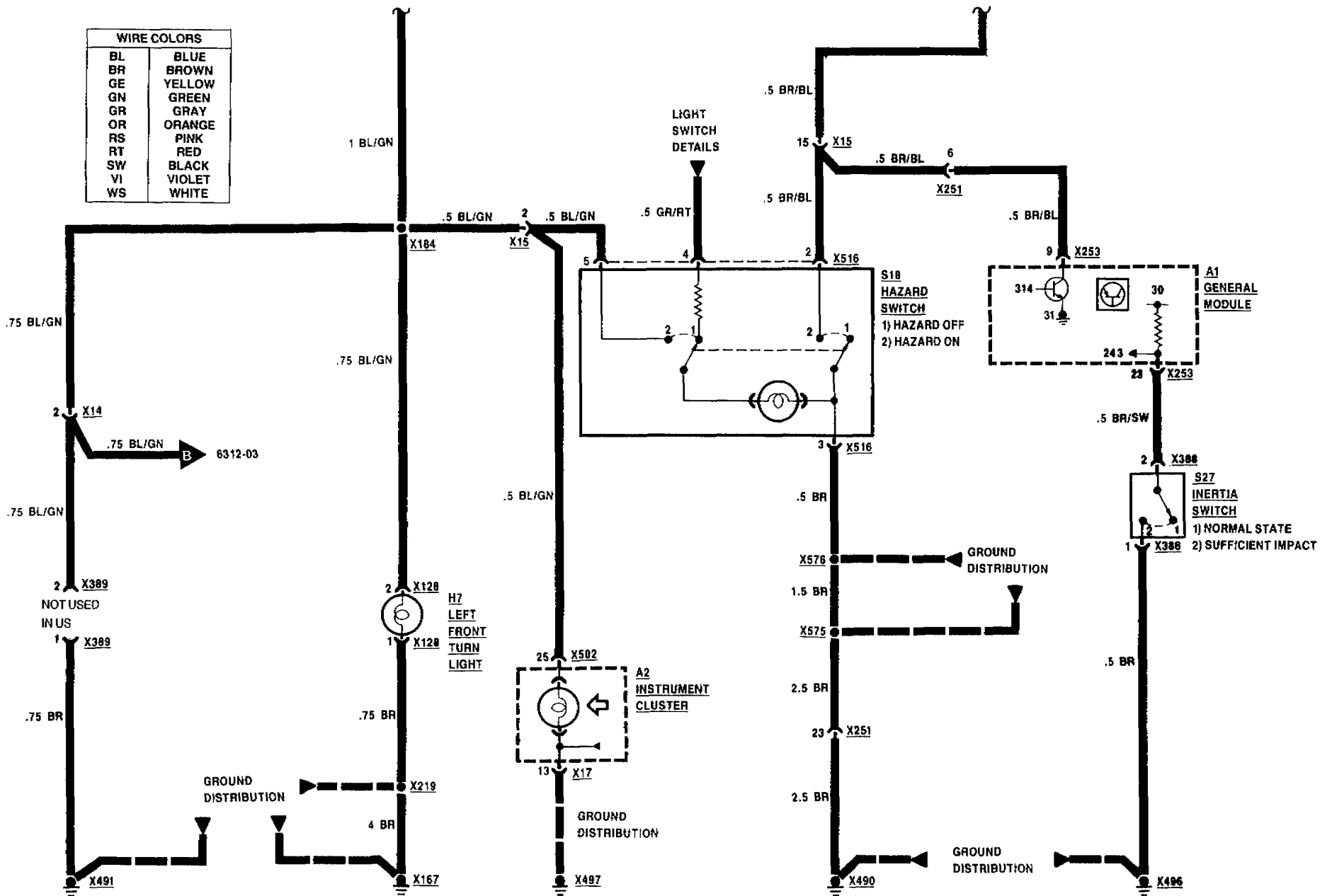


# TURN/HAZARD LIGHTS

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



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



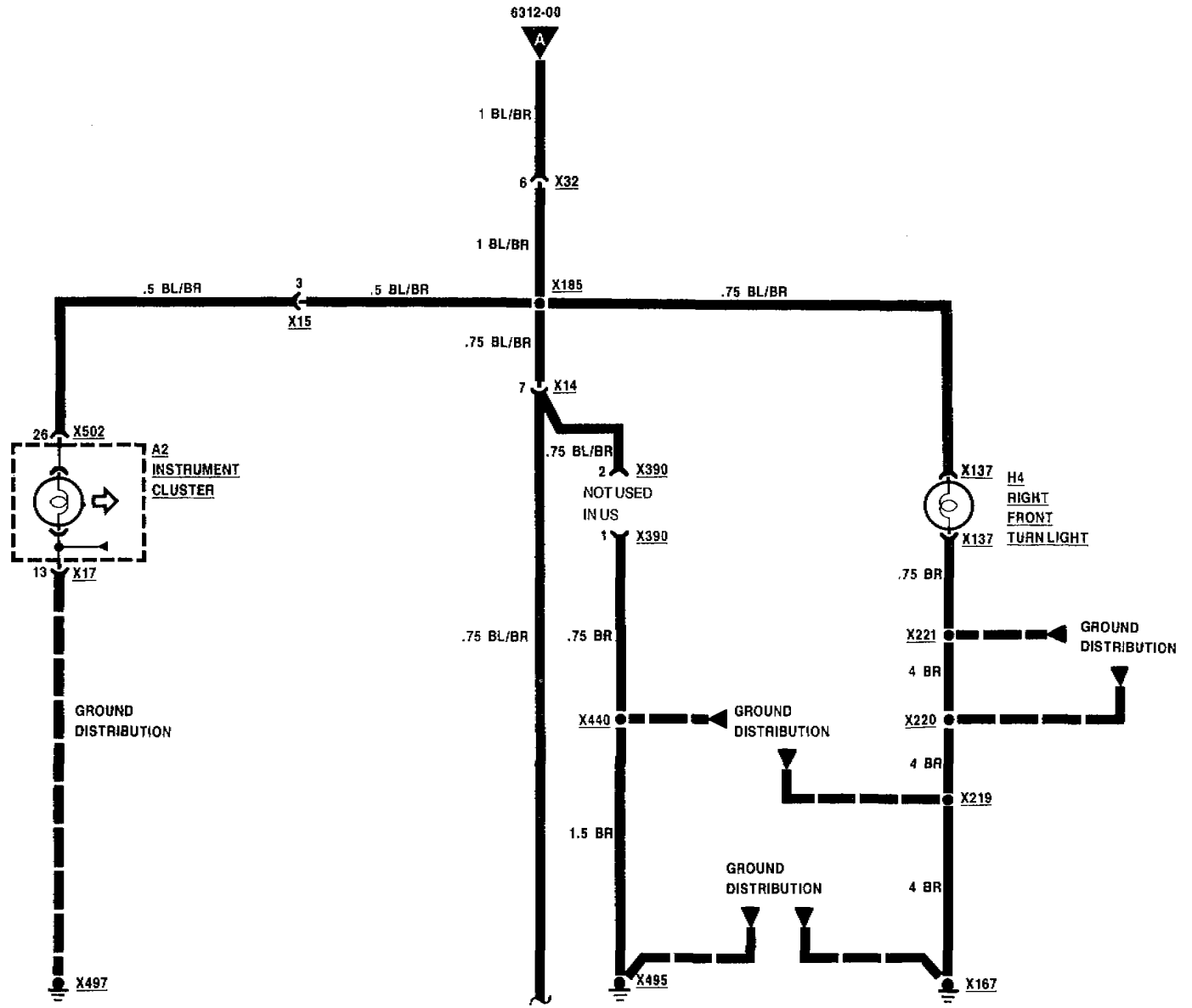


# TURN/HAZARD LIGHTS

08/87

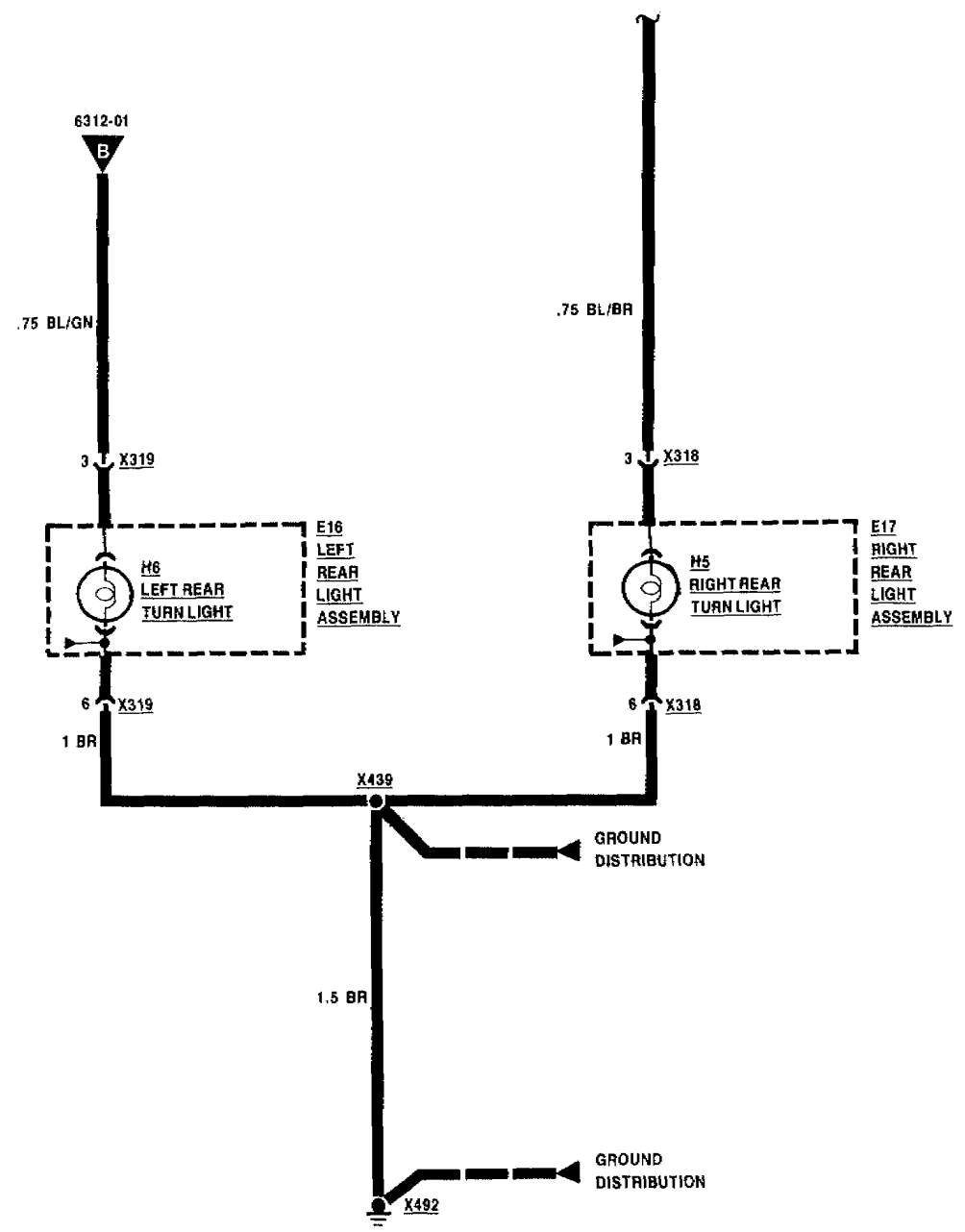
6312-02

1988



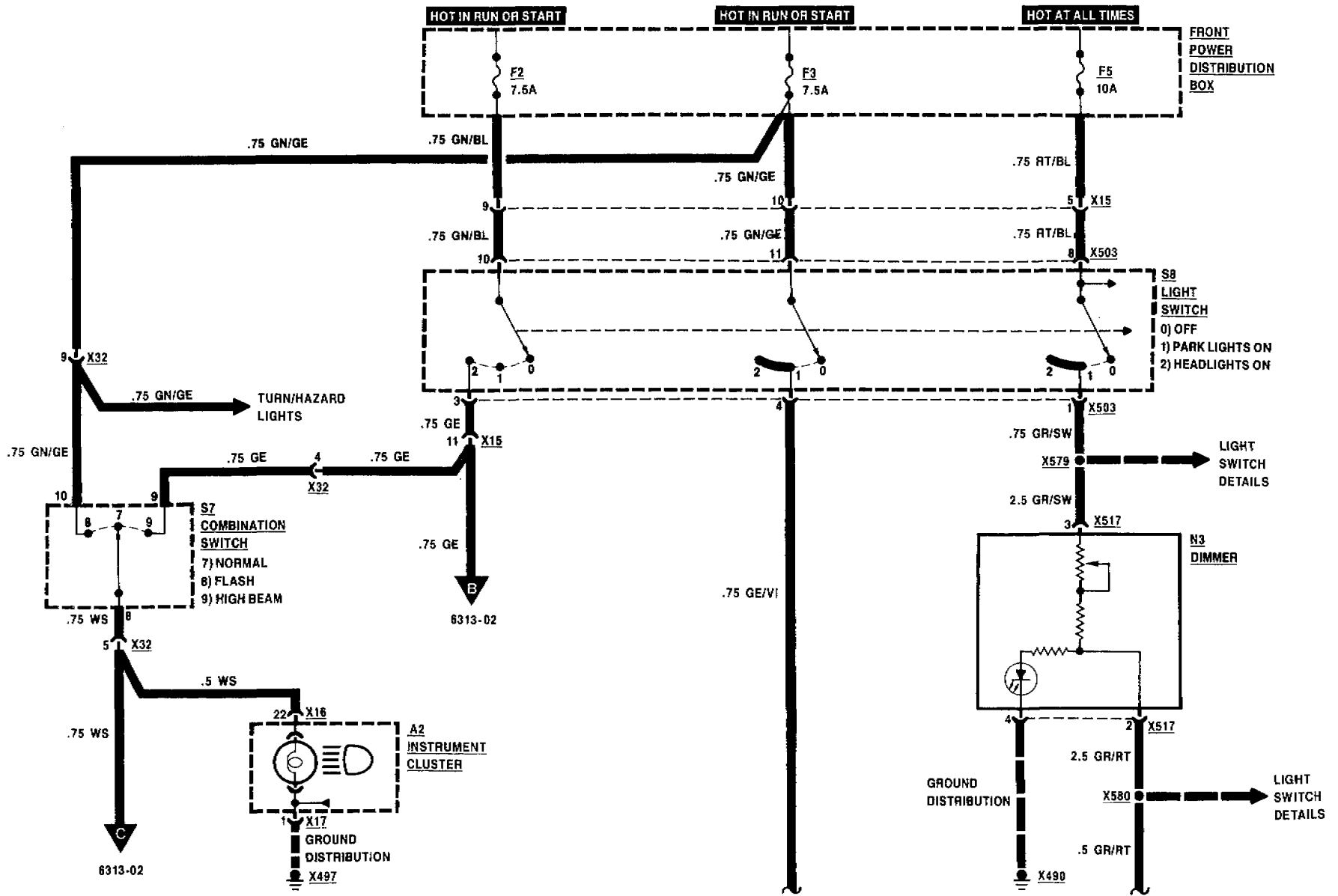
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

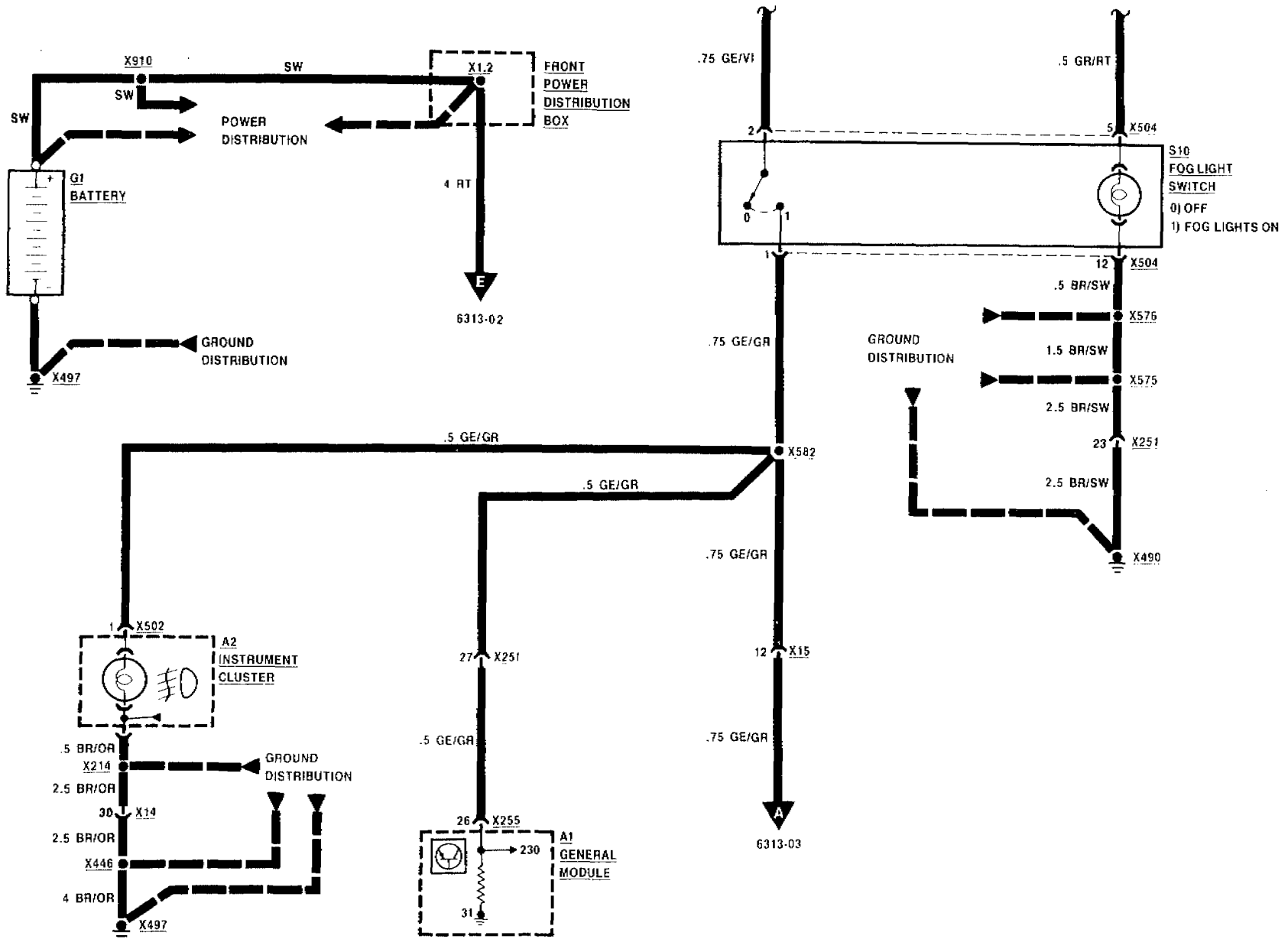
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# HEADLIGHTS/FOG LIGHTS





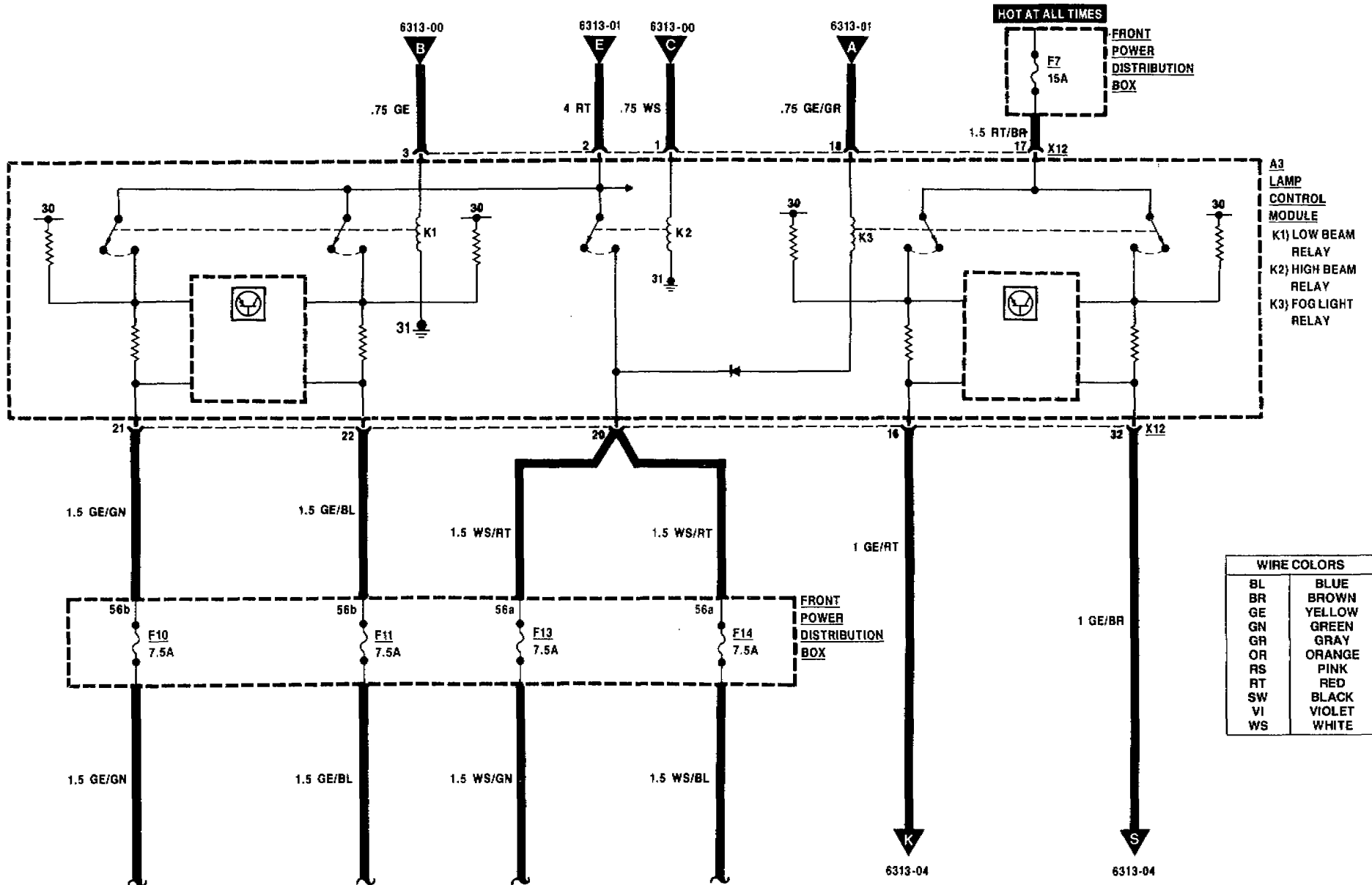
08/87 ————— 6313-01 ————— 1988



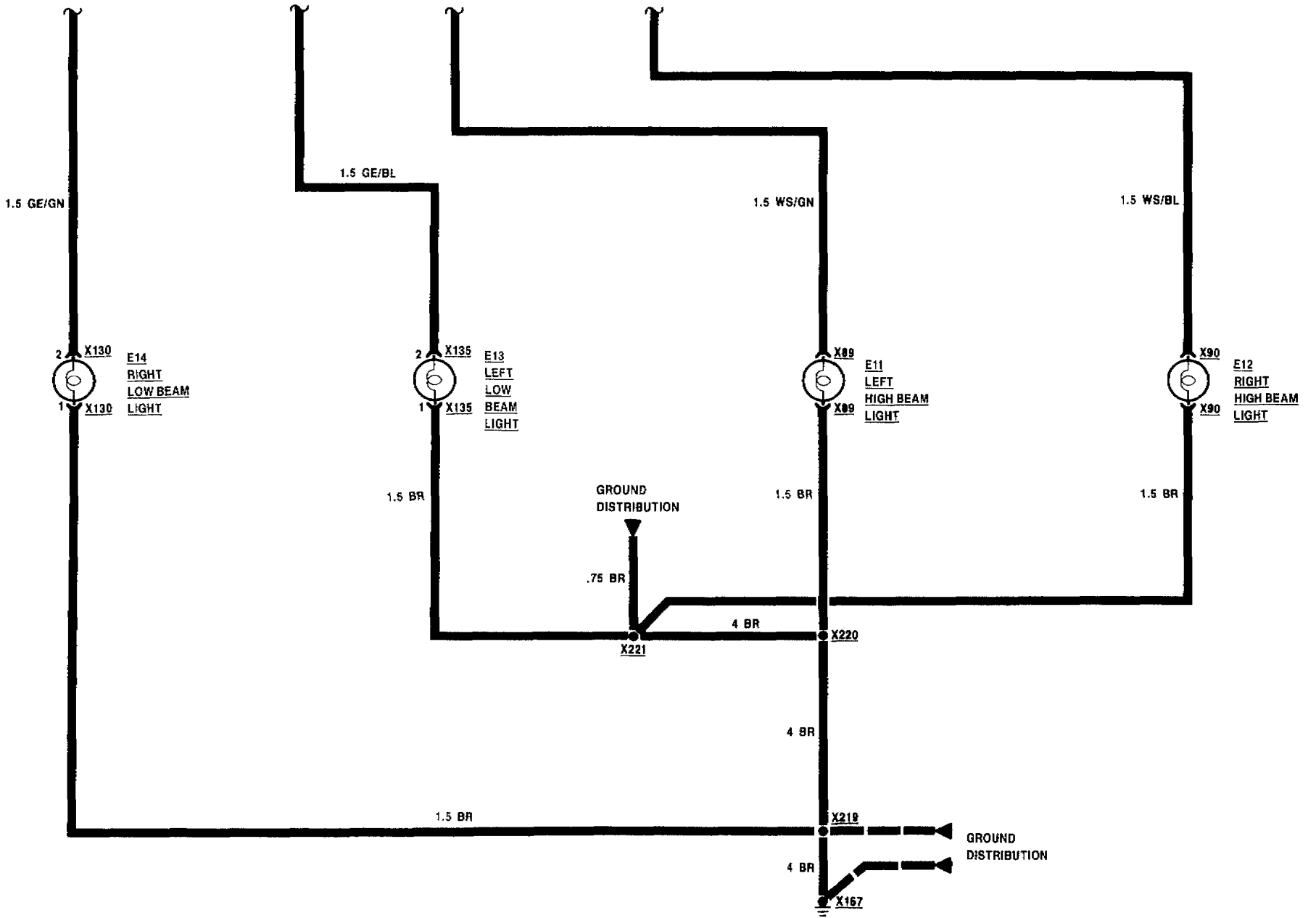


# HEADLIGHTS/FOG LIGHTS

## LOW BEAM AND HIGH BEAM



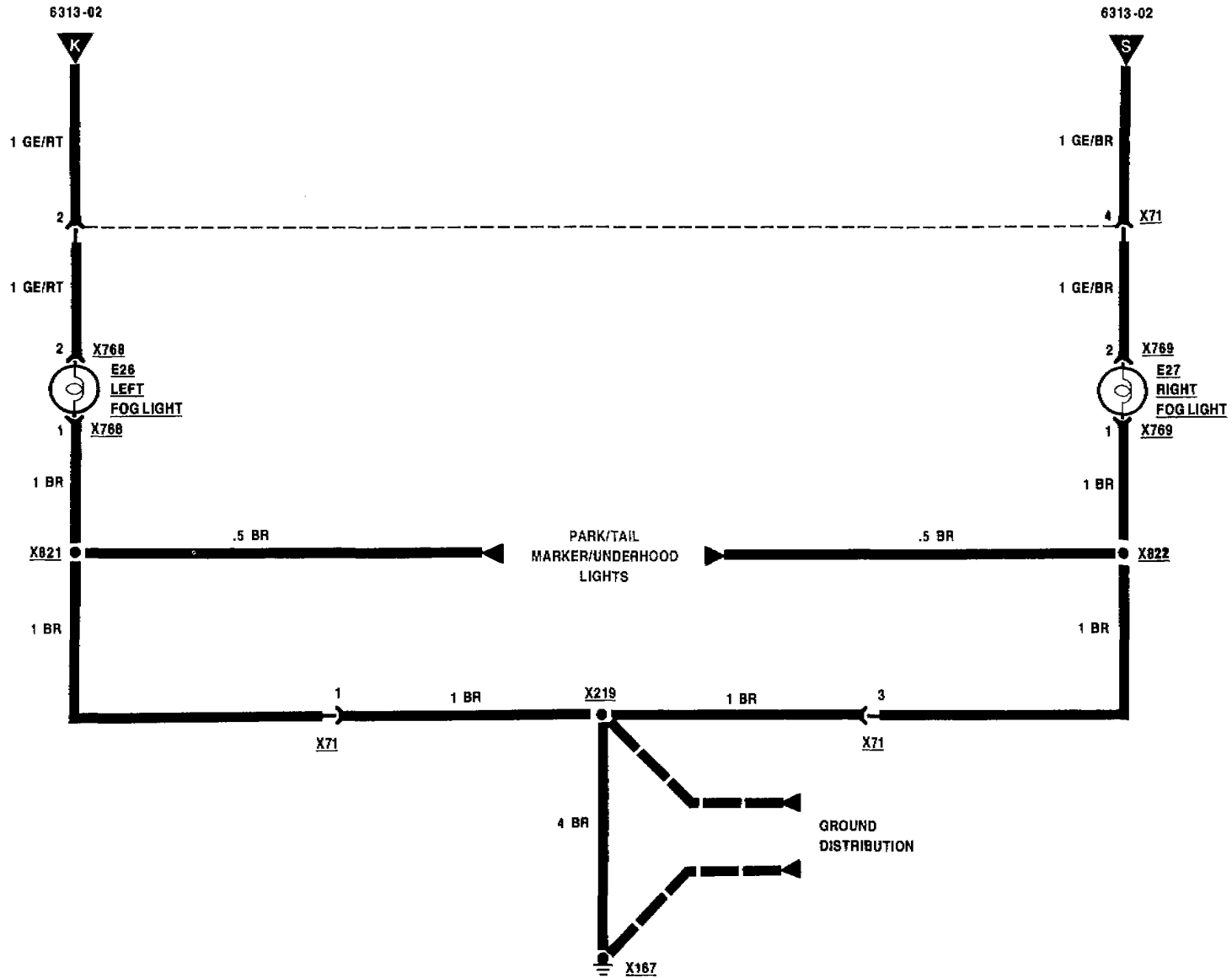
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





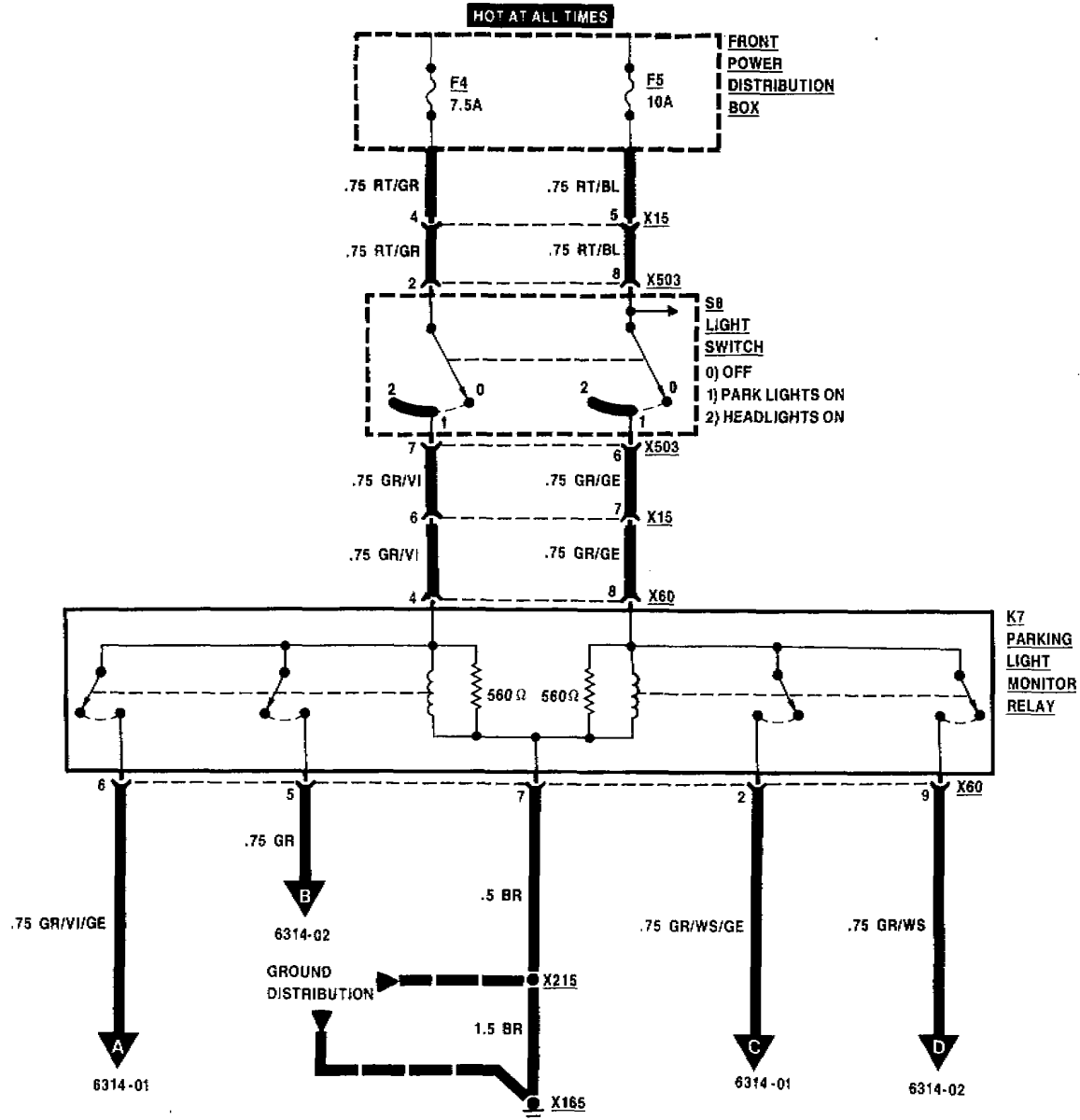
# HEADLIGHTS/FOGLIGHTS

## FOGLIGHTS





# PARK/TAIL/MARKER/UNDERHOOD LIGHTS

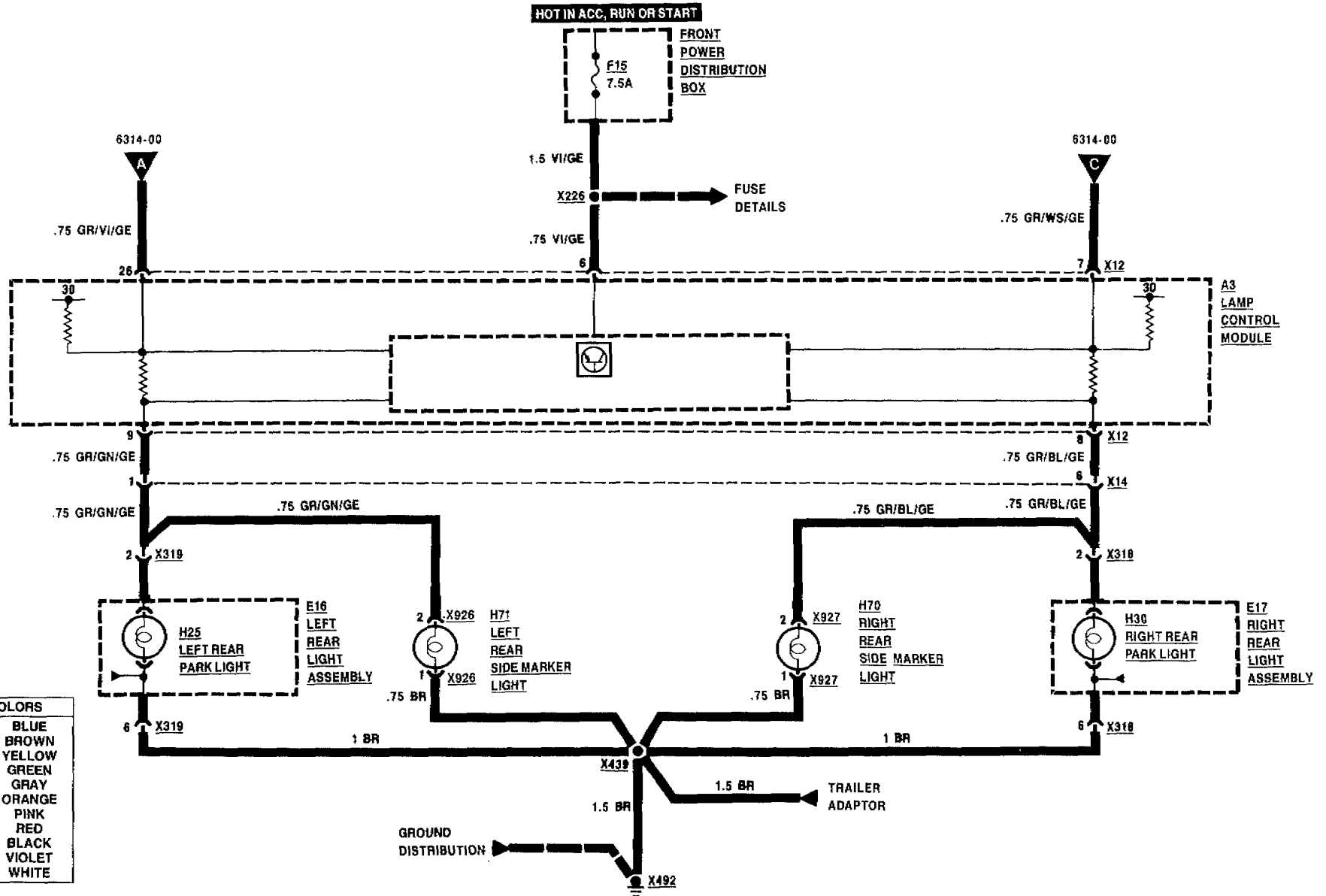


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# PARK/TAIL/MARKER/UNDERHOOD LIGHTS

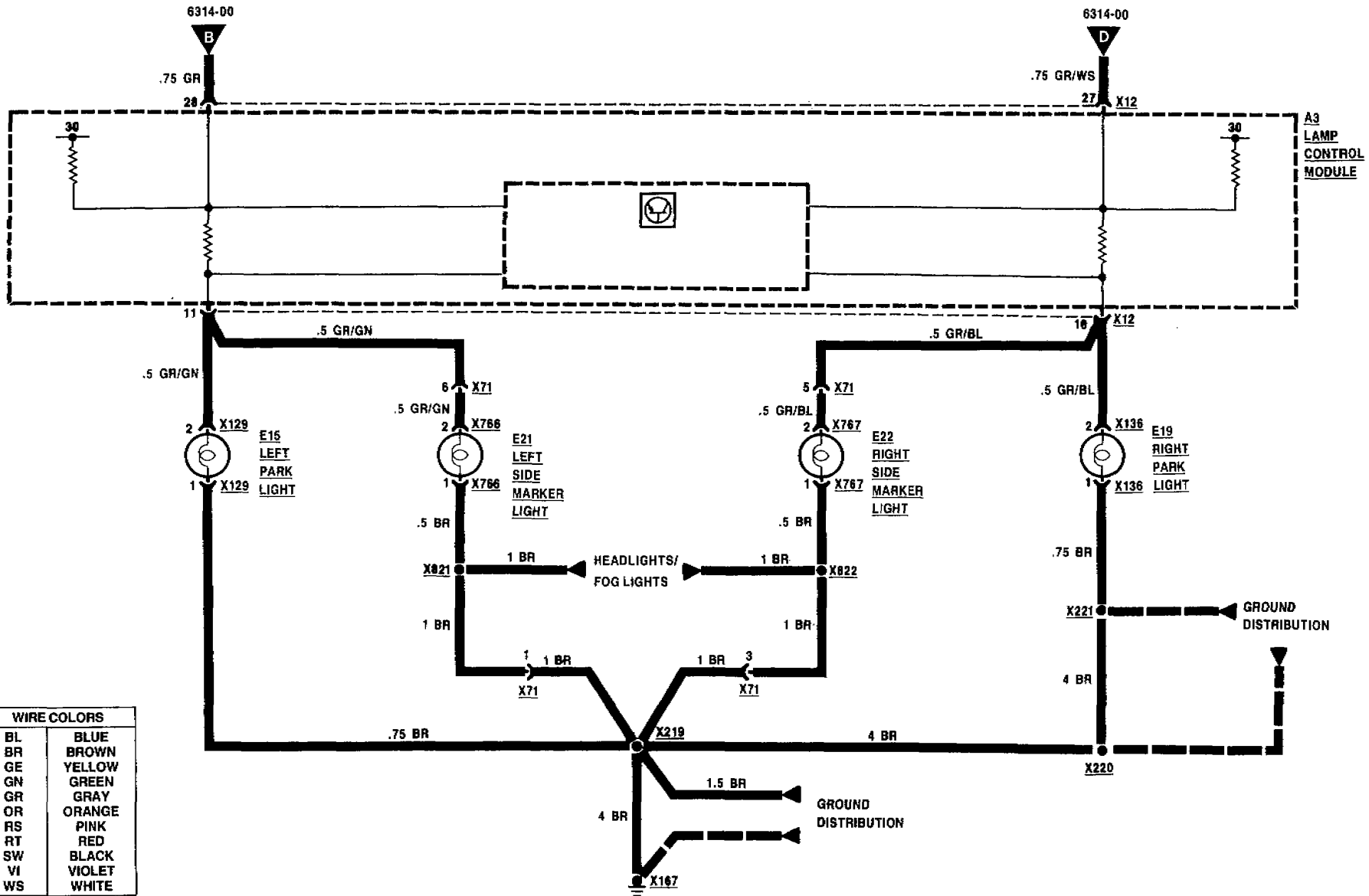
## TAIL/REAR MARKER LIGHTS





# PARK/FRONT MARKER LIGHTS

## PARK/FRONT MARKER LIGHTS



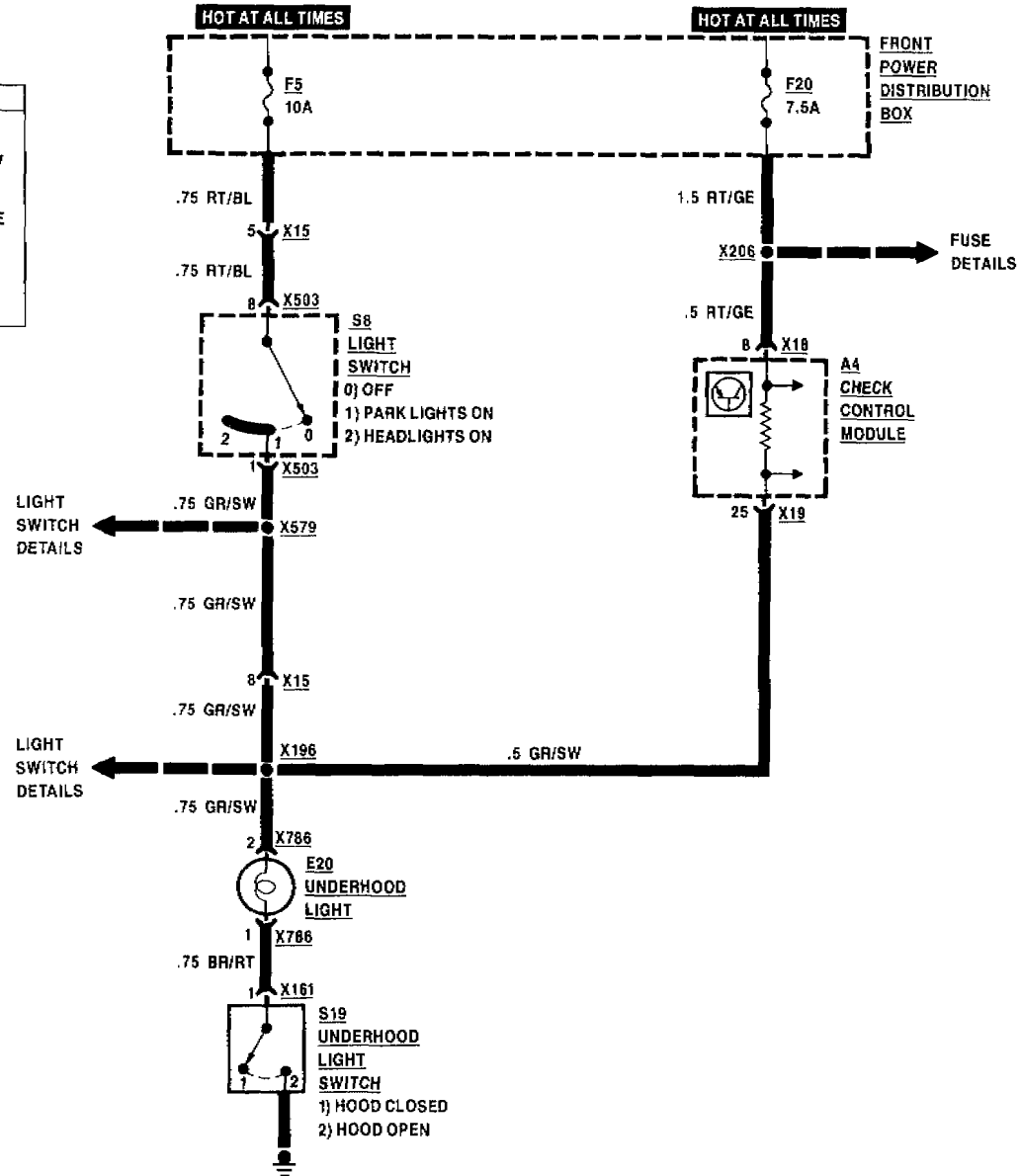
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# PARK/TAIL/MARKER/UNDERHOOD LIGHTS

## 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

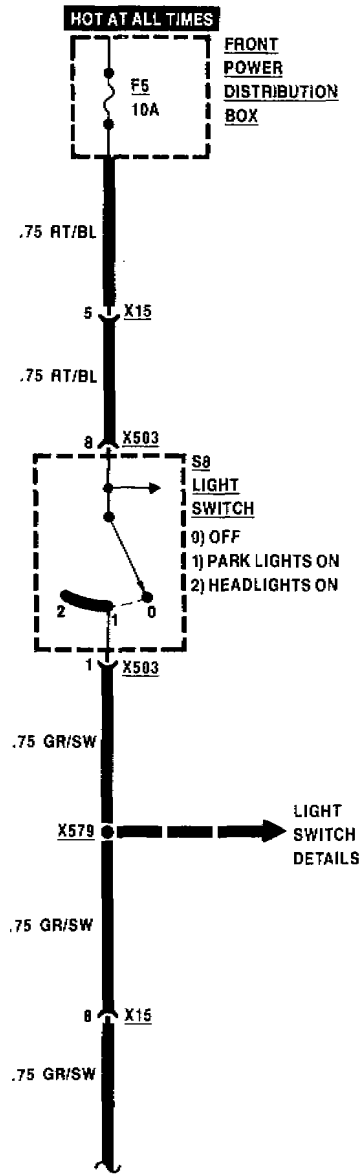




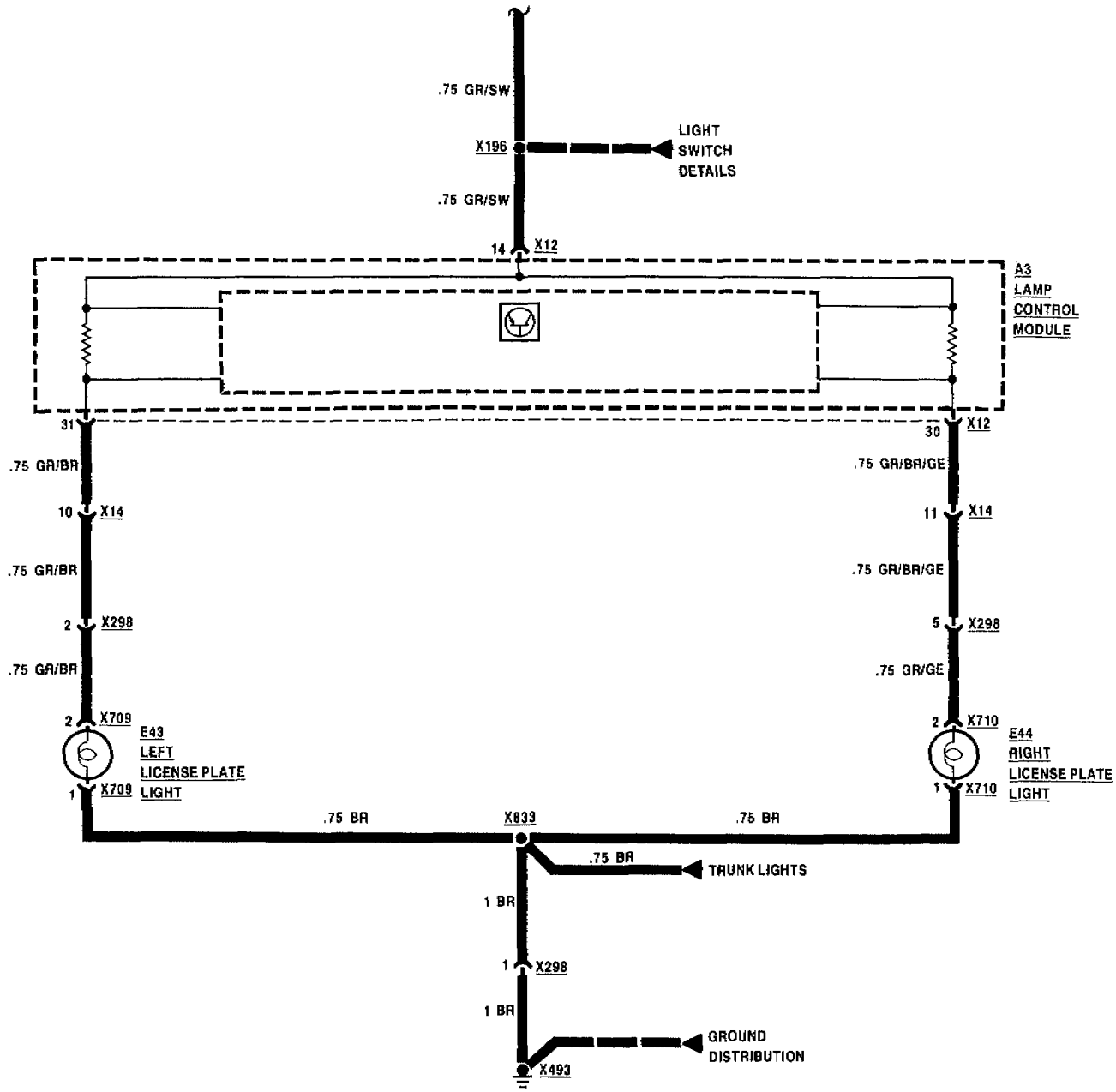
# LICENSE/TRUNK LIGHTS

## 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



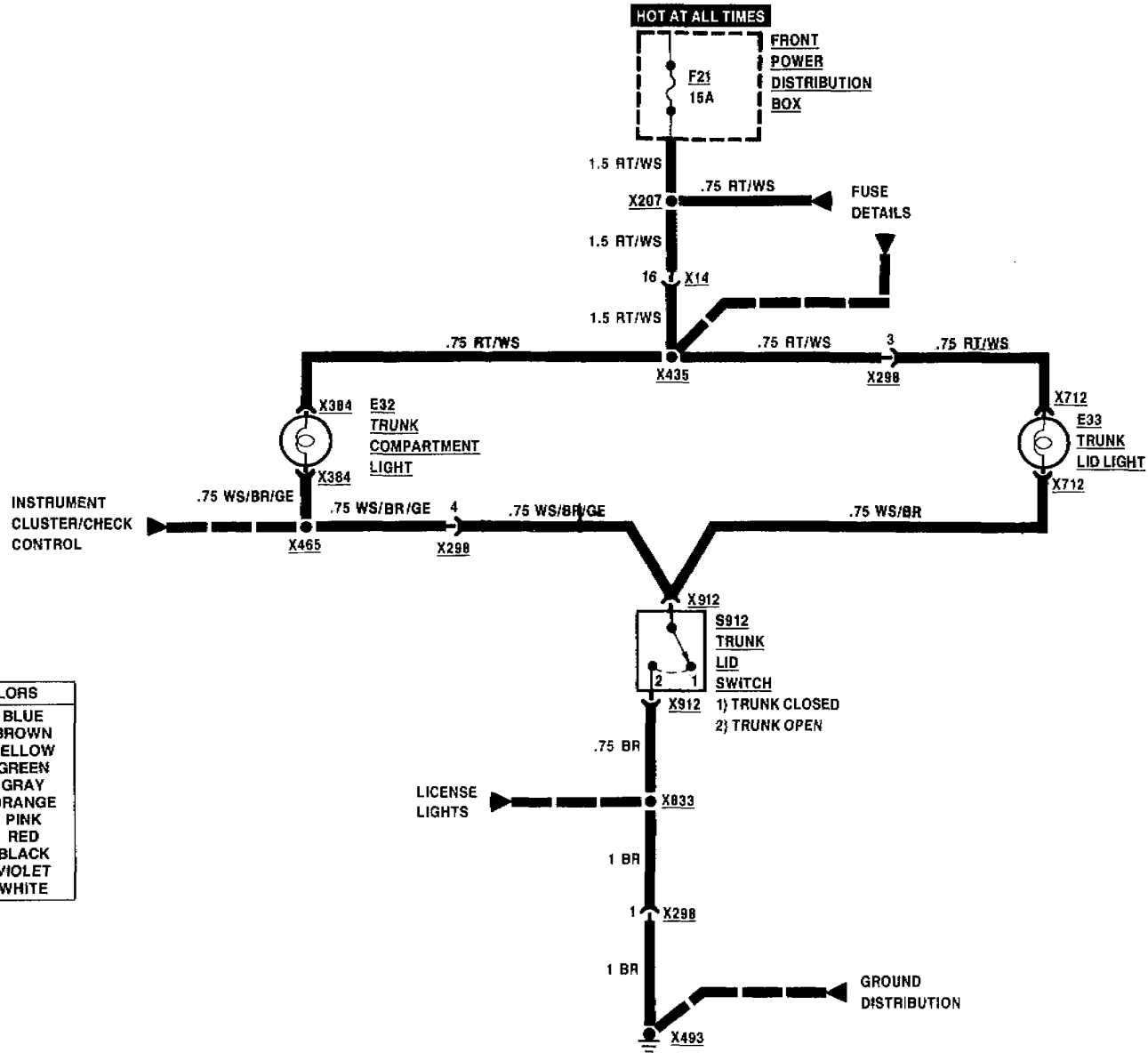






# LICENSE/TRUNK LIGHTS

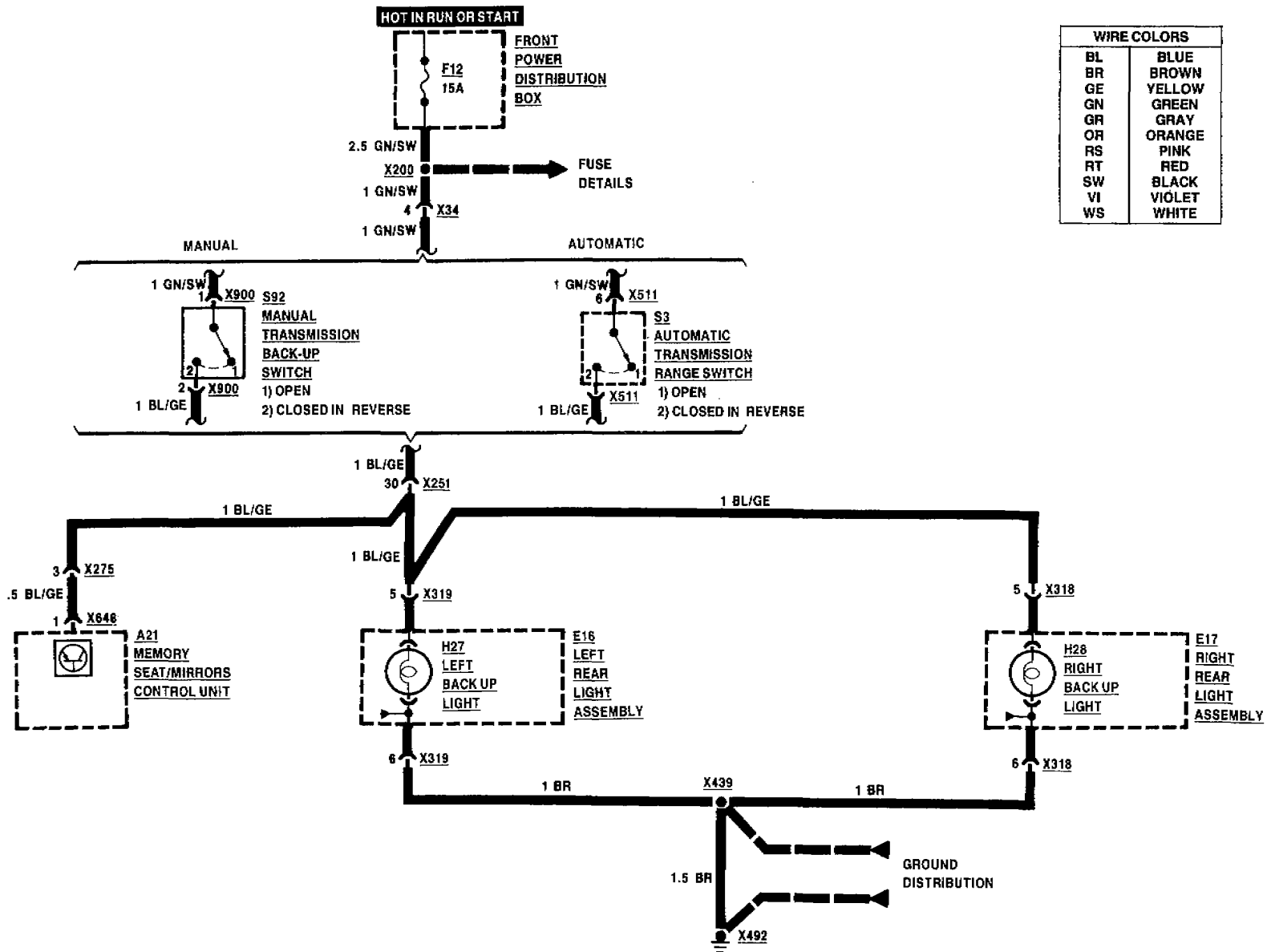
## TRUNK LIGHTS



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

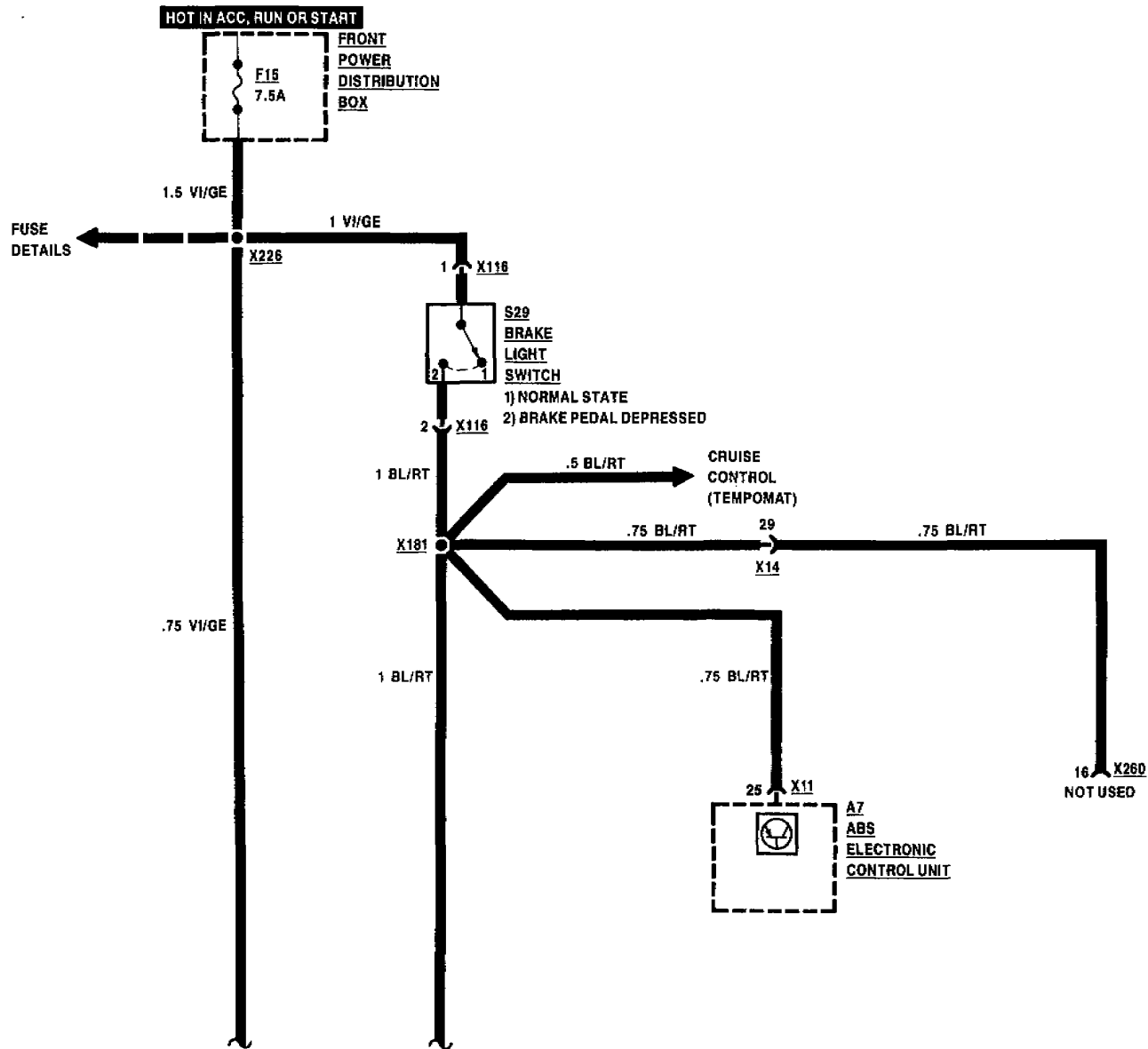


# BACK UP LIGHTS

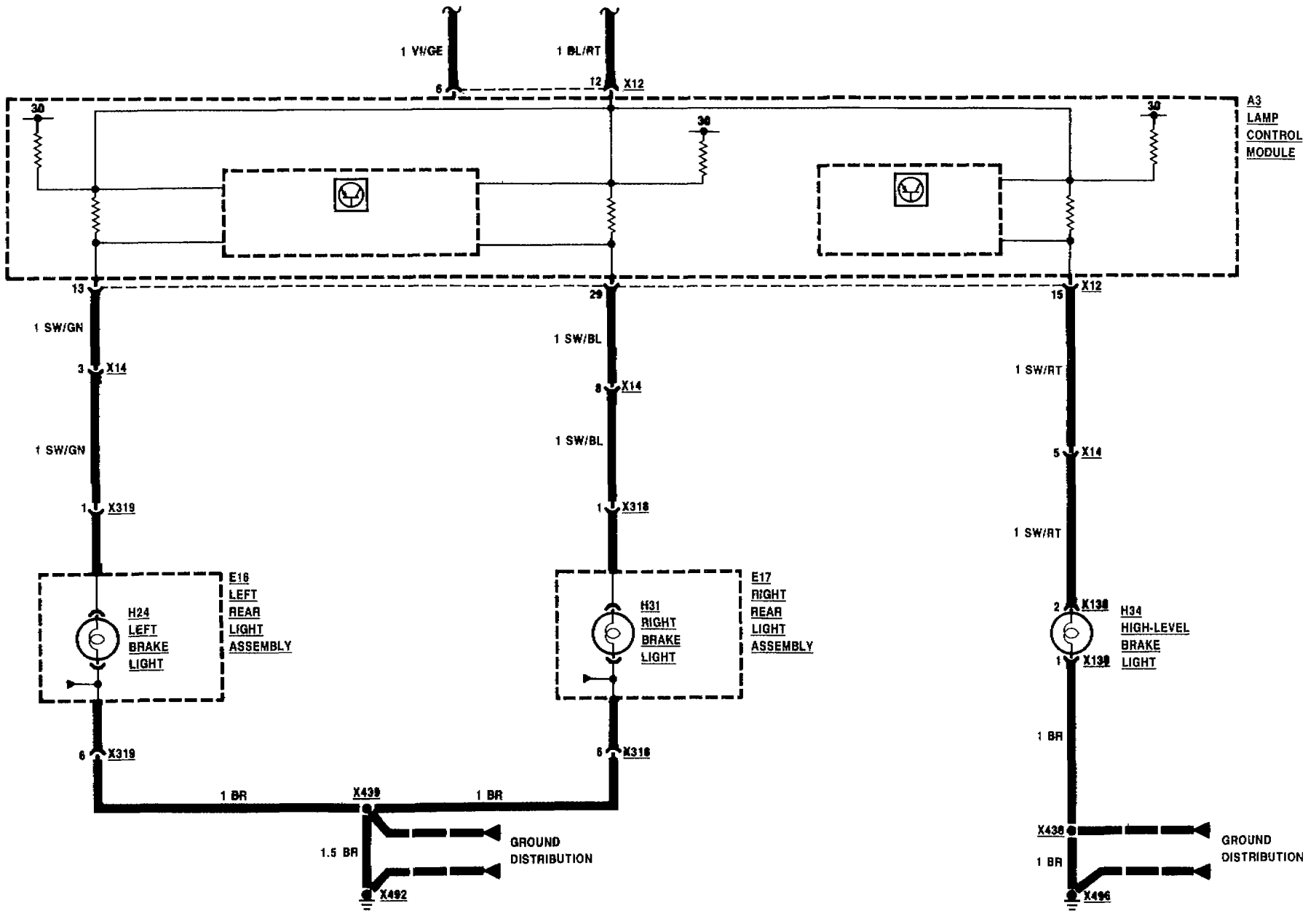




# BRAKE LIGHTS



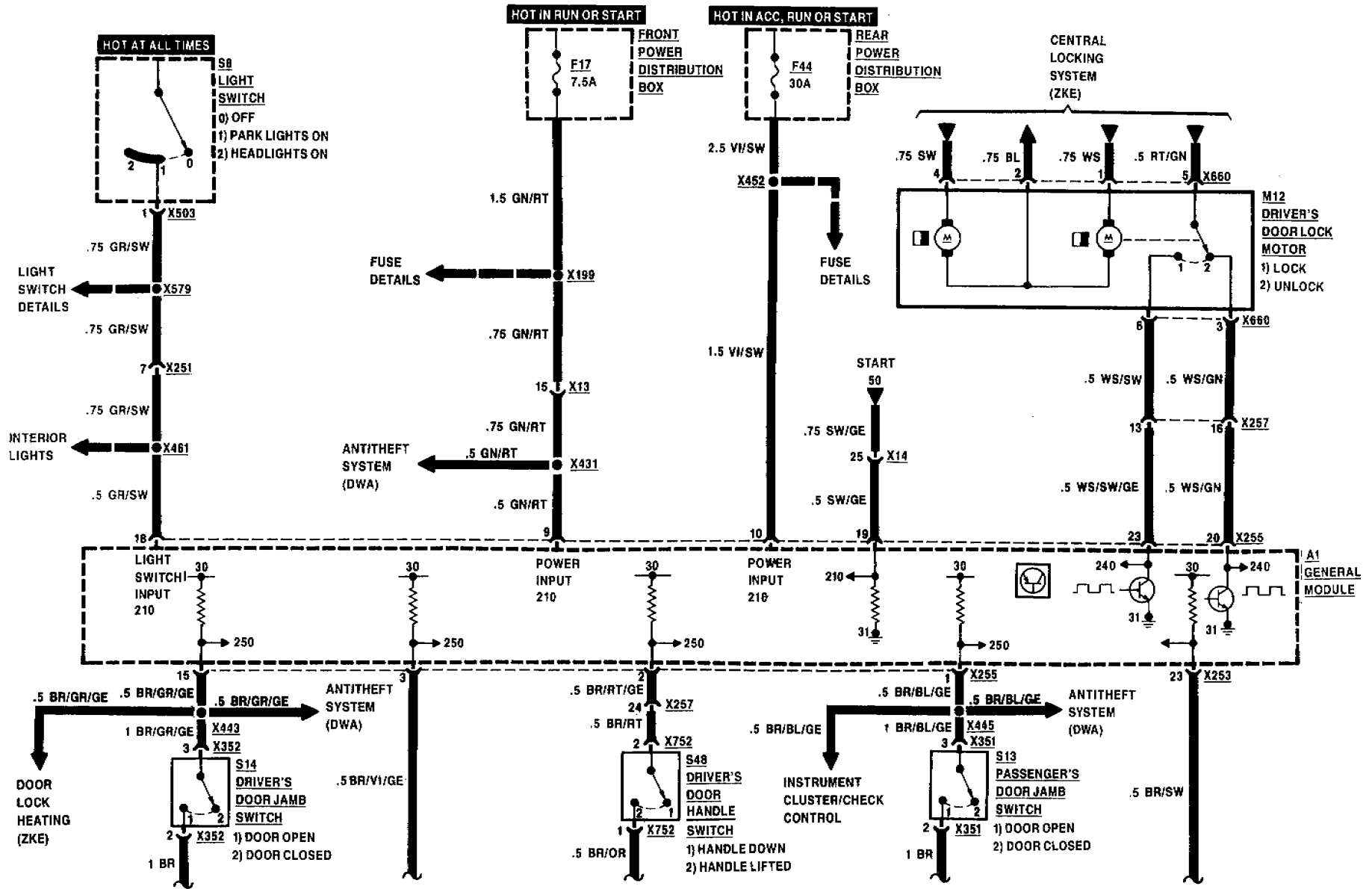
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

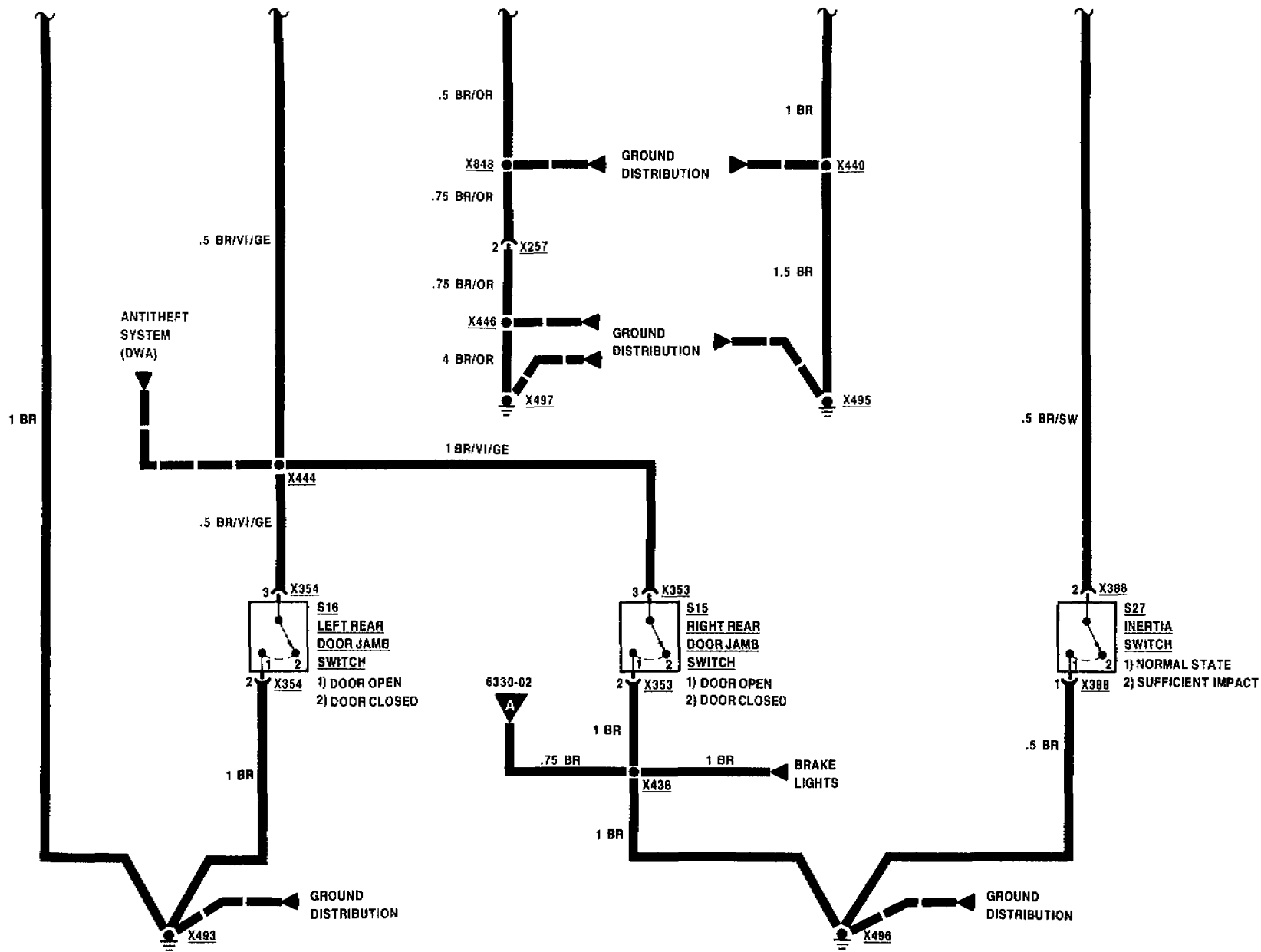




# INTERIOR LIGHTS (ZKE)

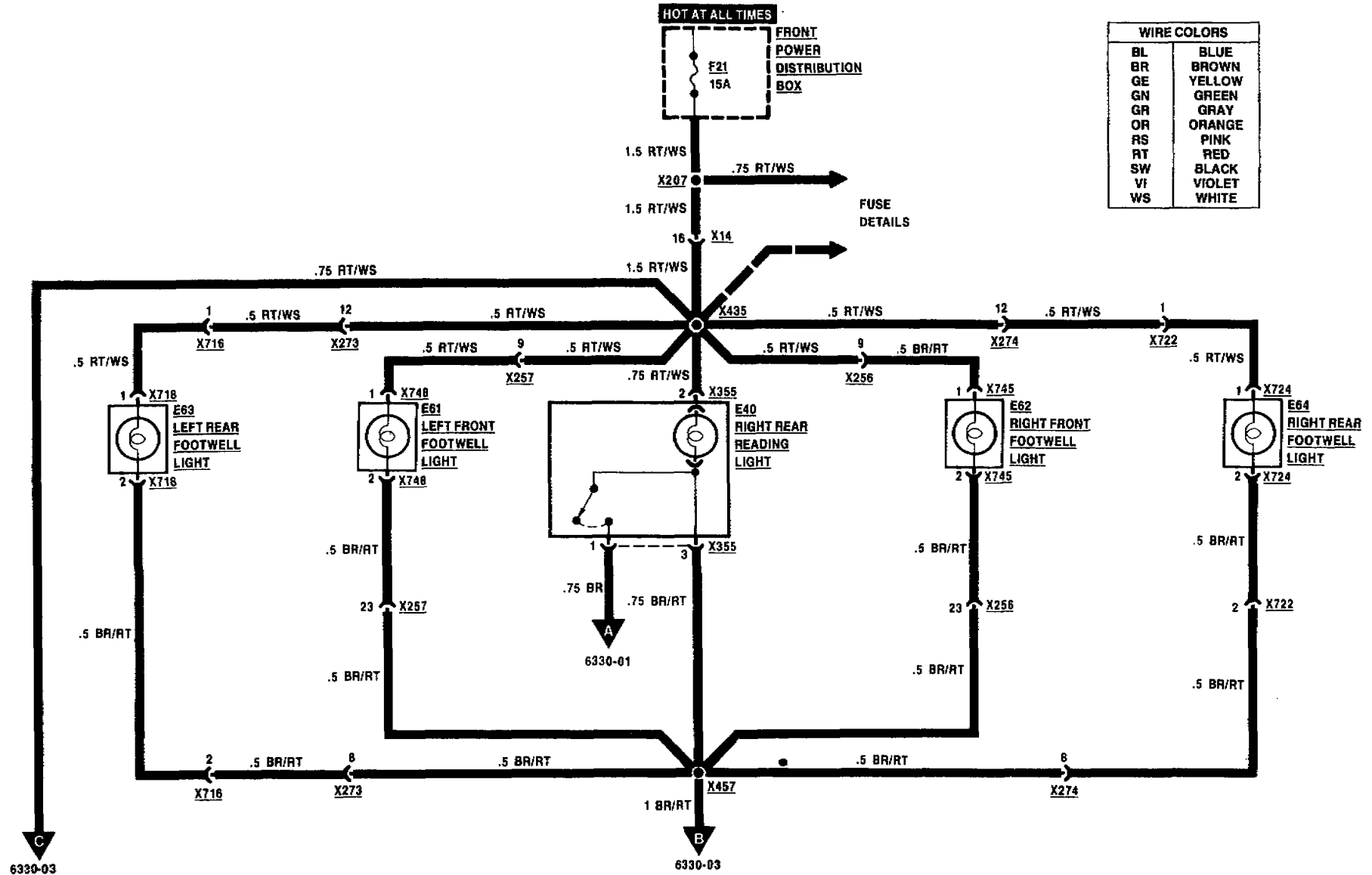
## INPUT DETAILS







# INTERIOR LIGHTS (ZKE) OUTPUT DETAILS

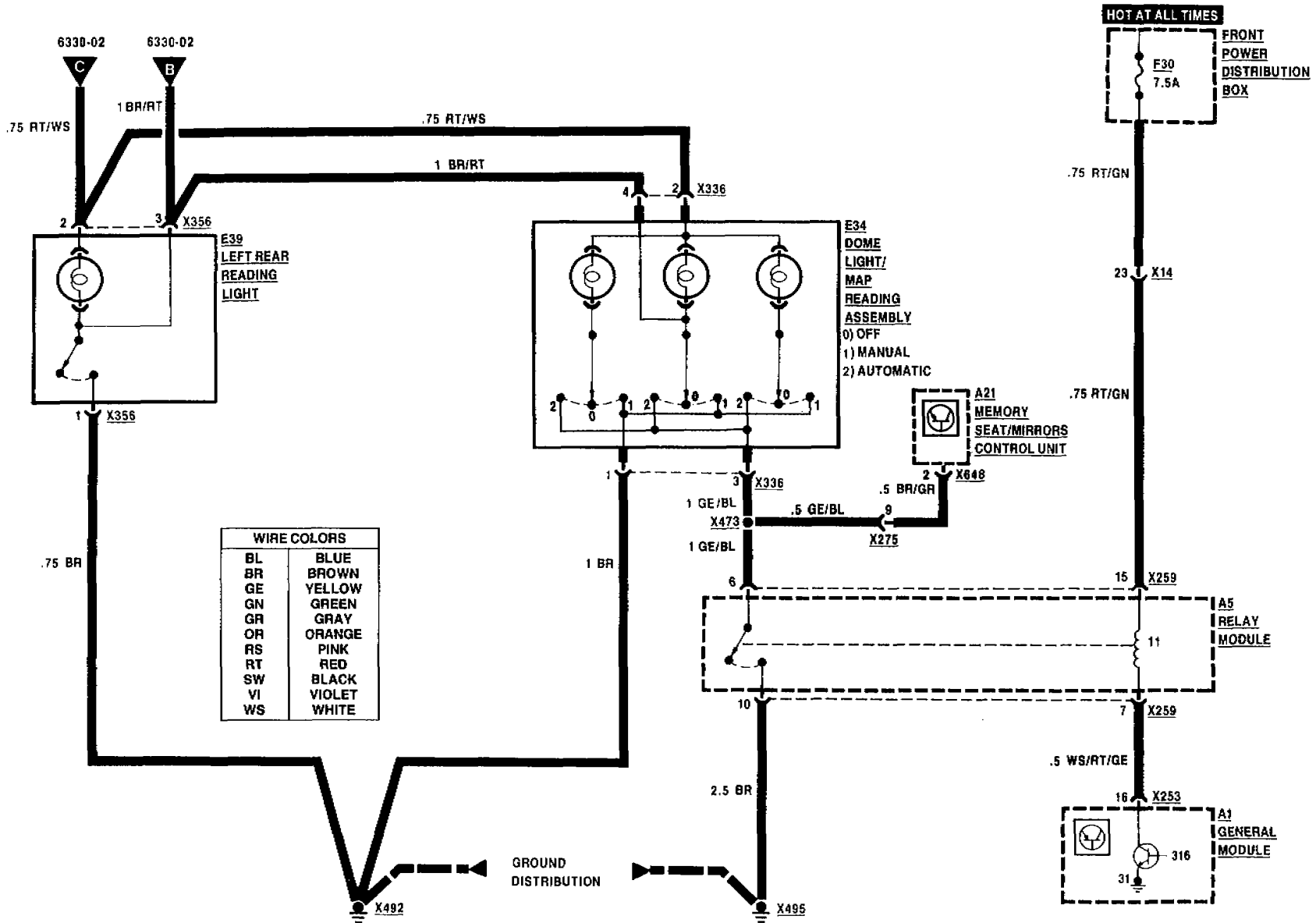






# INTERIOR LIGHTS (ZKE)

## OUTPUT DETAILS



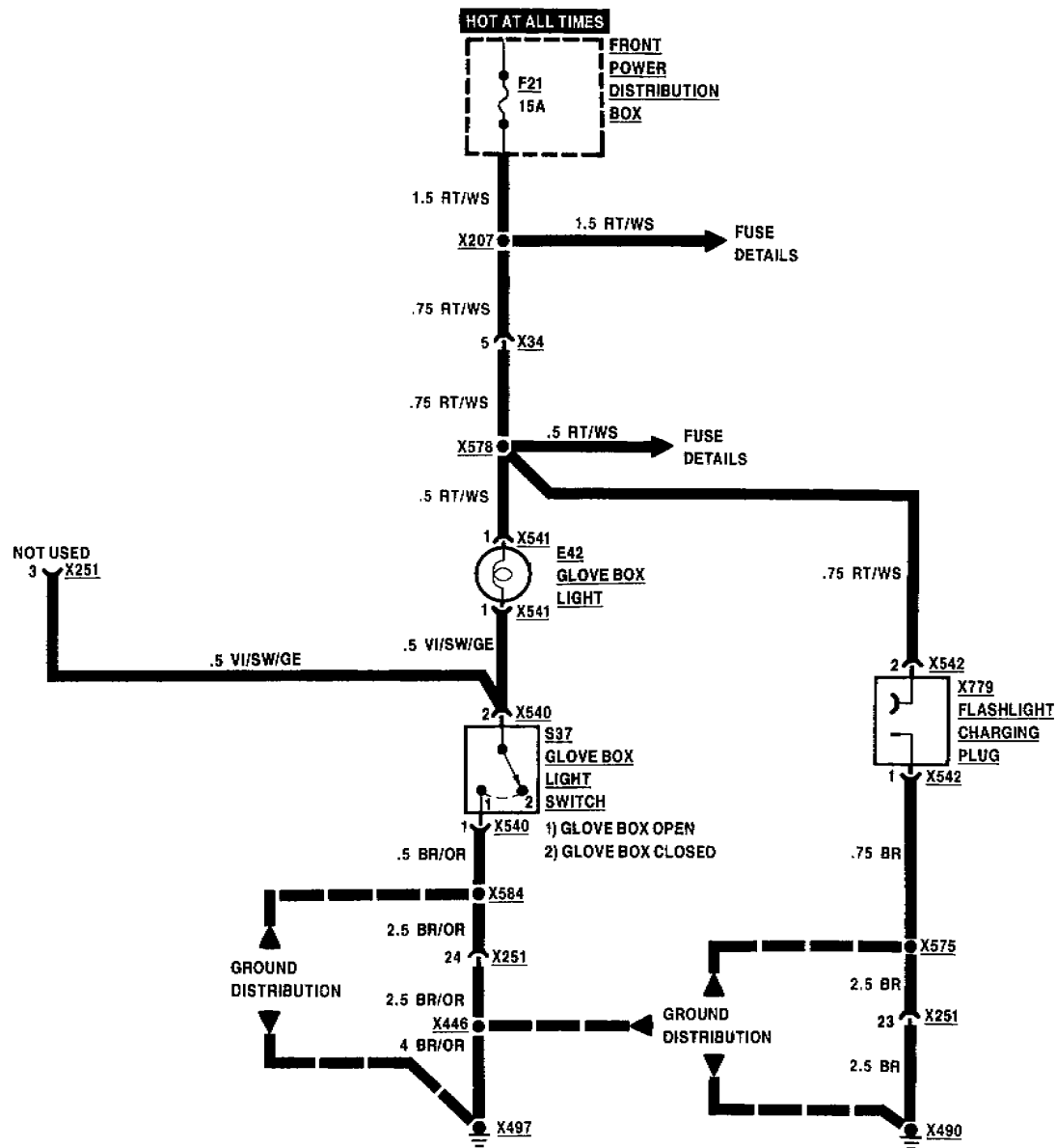


# GLOVE BOX LIGHT/CIGAR LIGHTER/ASHTRAY LIGHT/FLASHLIGHT CHARGING PLUG

08/87

6331-00

1988



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

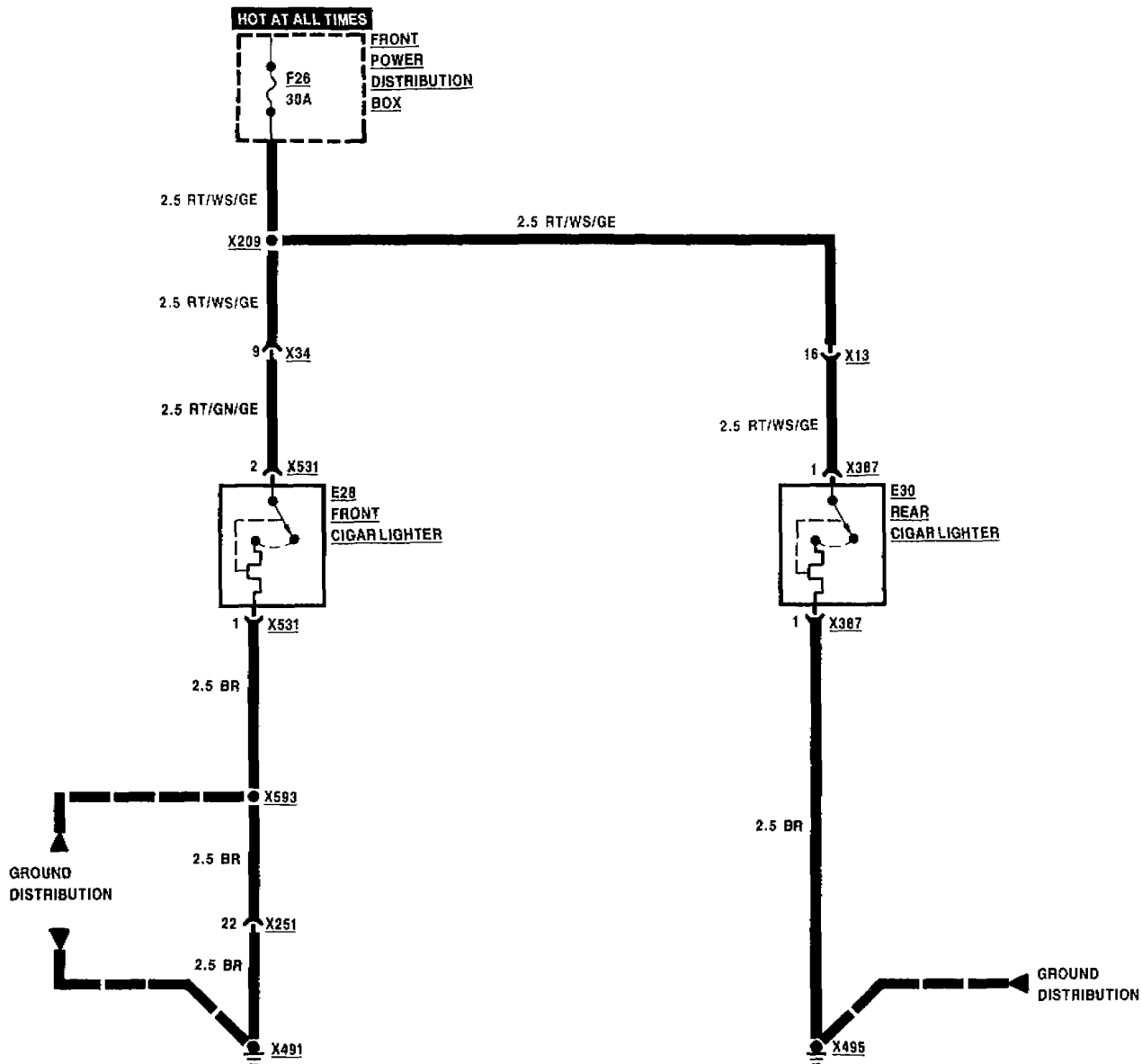


# GLOVE BOX LIGHT/CIGAR LIGHTER/ASHTRAY LIGHT/FLASHLIGHT CHARGING PLUG

08/87

6331-01

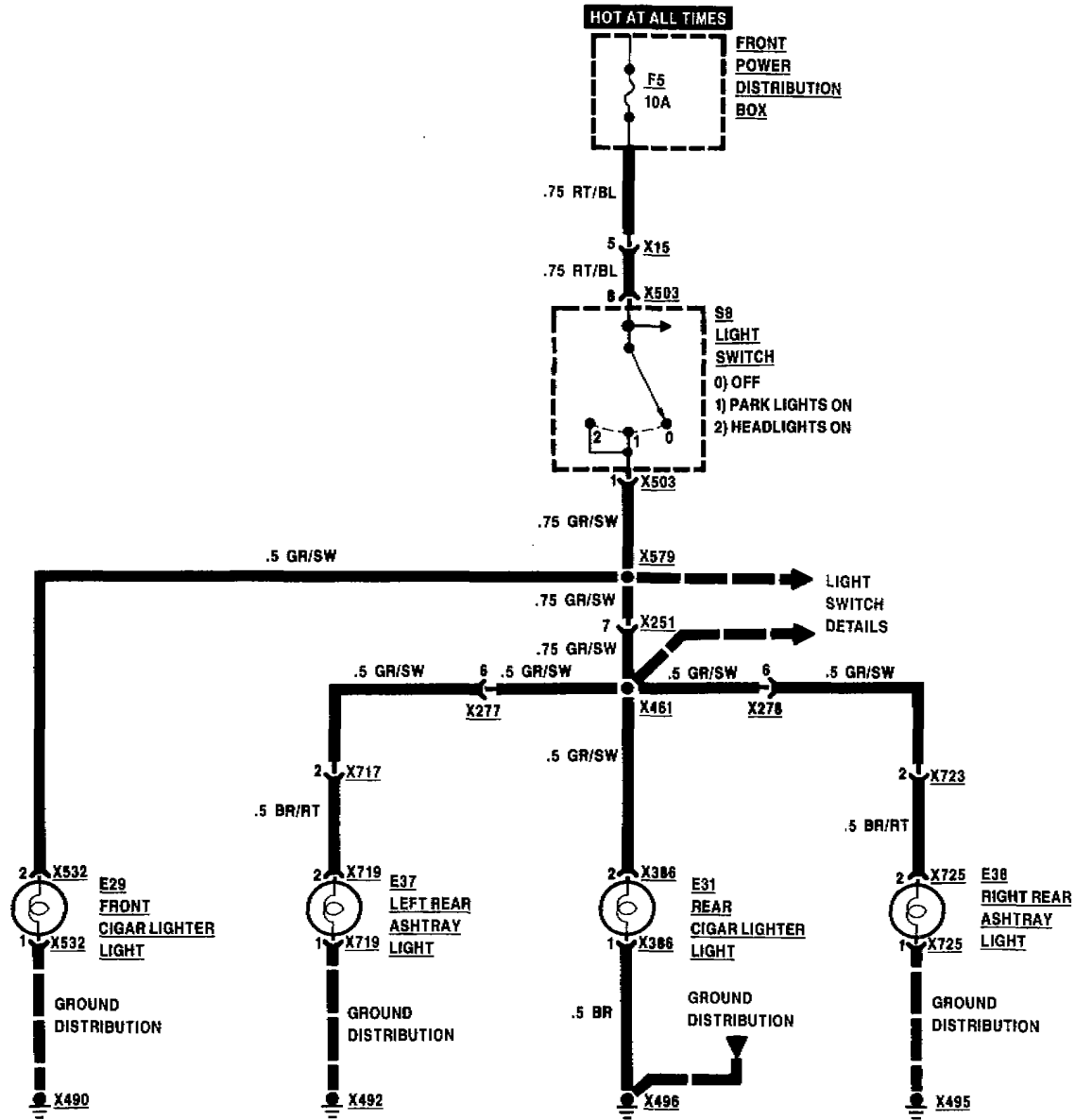
1988



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/FLASHLIGHT CHARGING PLUG

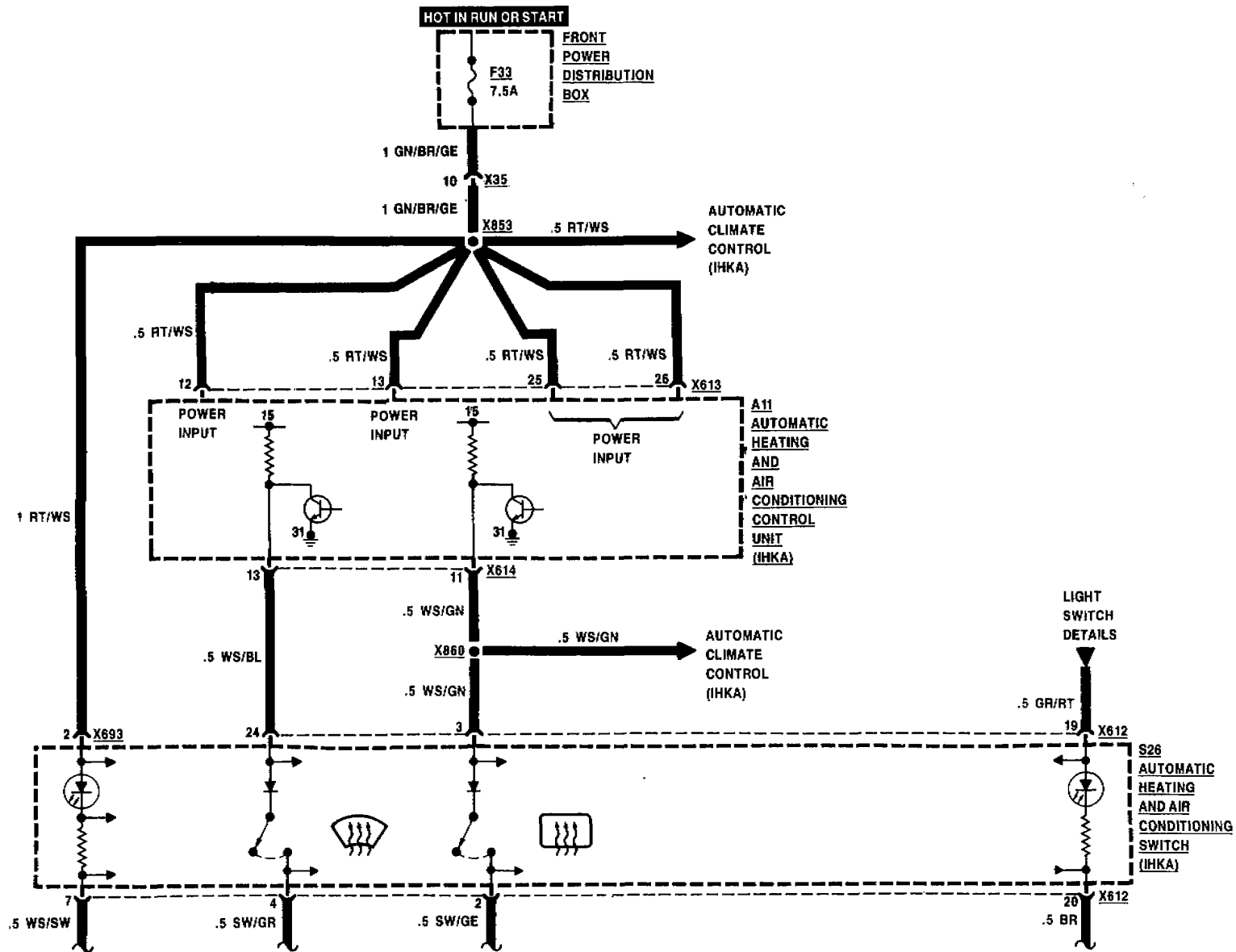


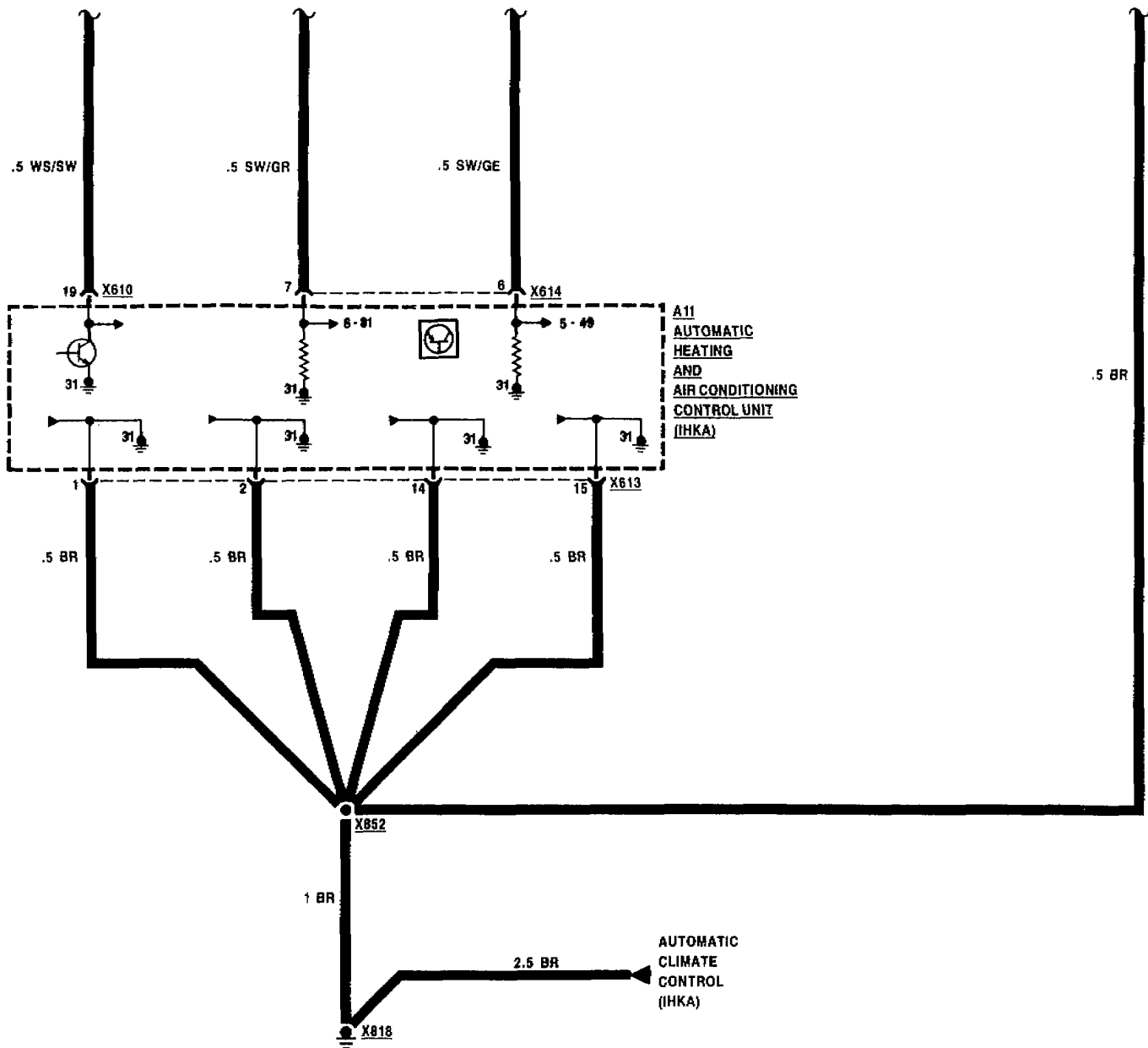
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# REAR WINDOW DEFOGGER

## IHKA



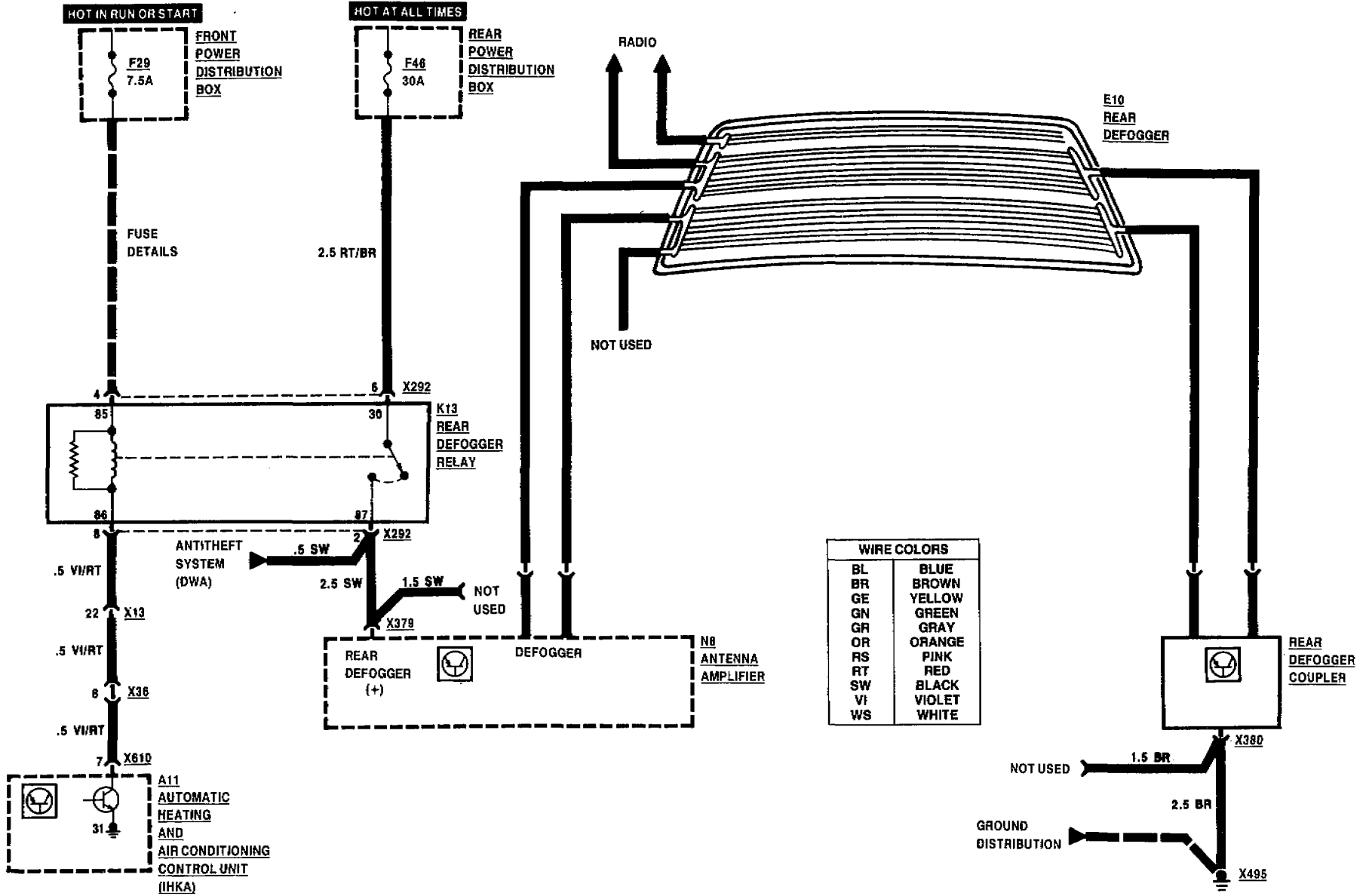


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# REAR WINDOW DEFOGGER

## IHKA



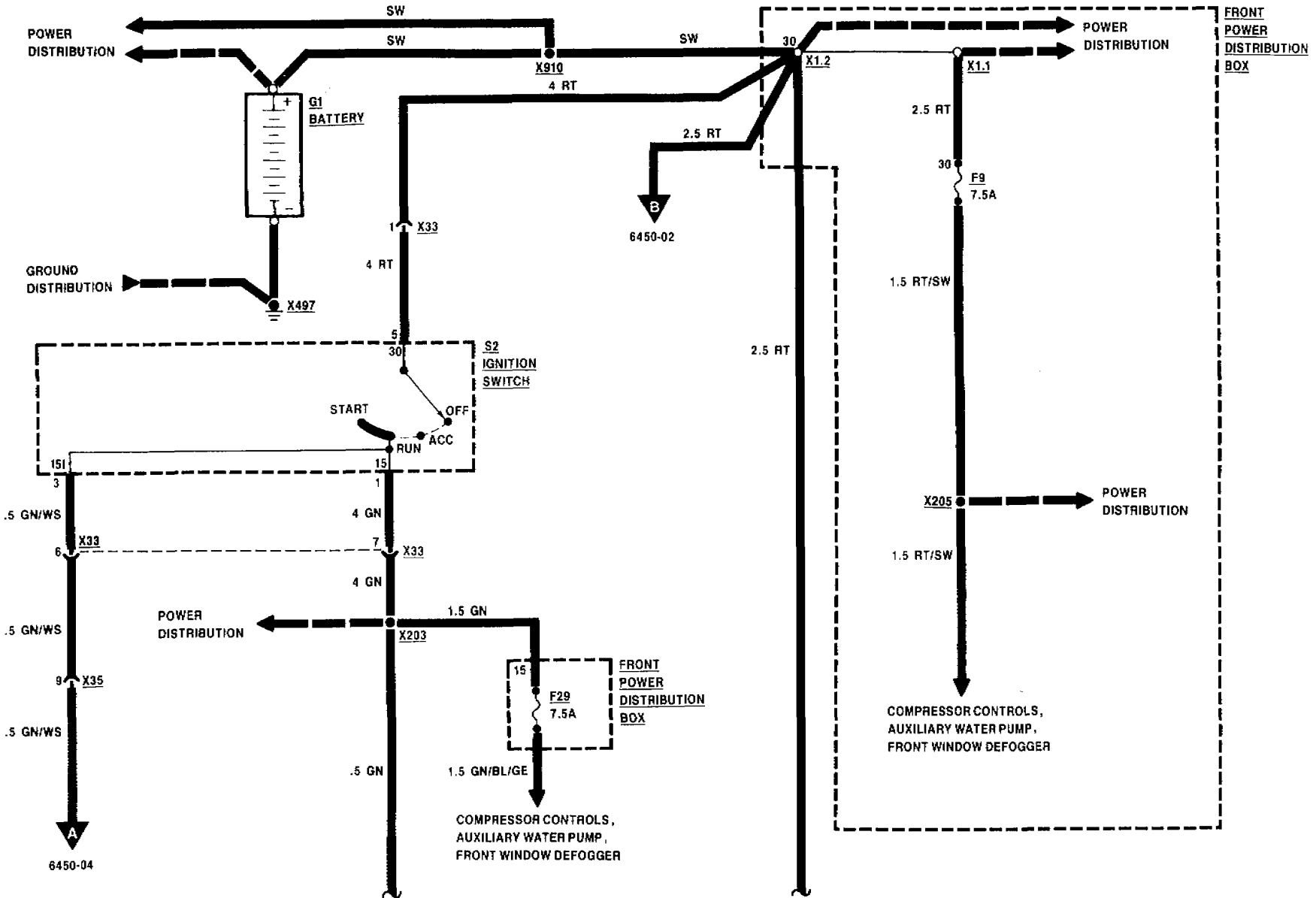
**FOR REAR DEFOGGER:  
DIAGNOSIS,  
REFER TO CELL 6450**





# AUTOMATIC CLIMATE CONTROL (IHKA)

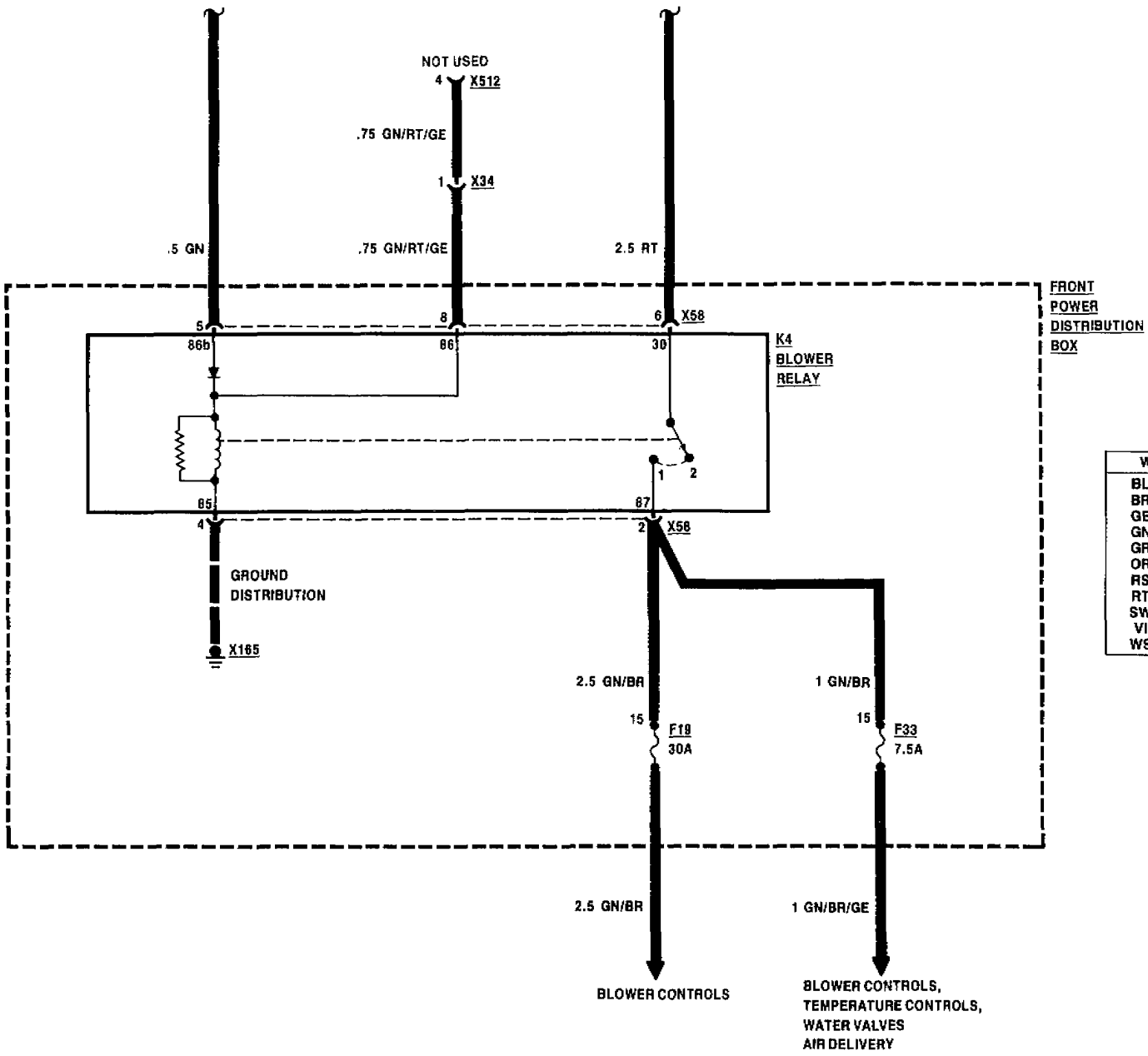
## POWER



08/87

6450-00

1988

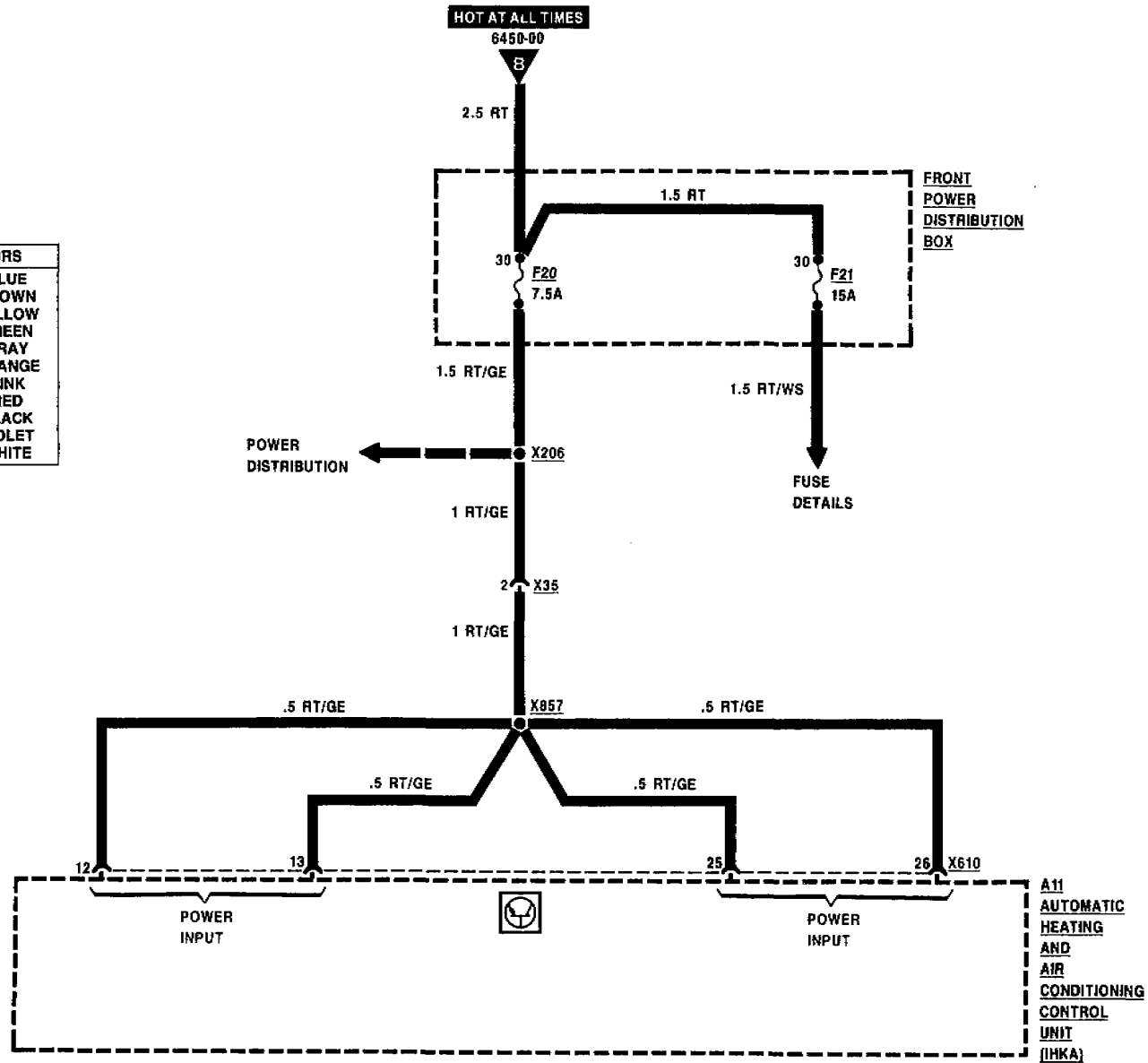


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



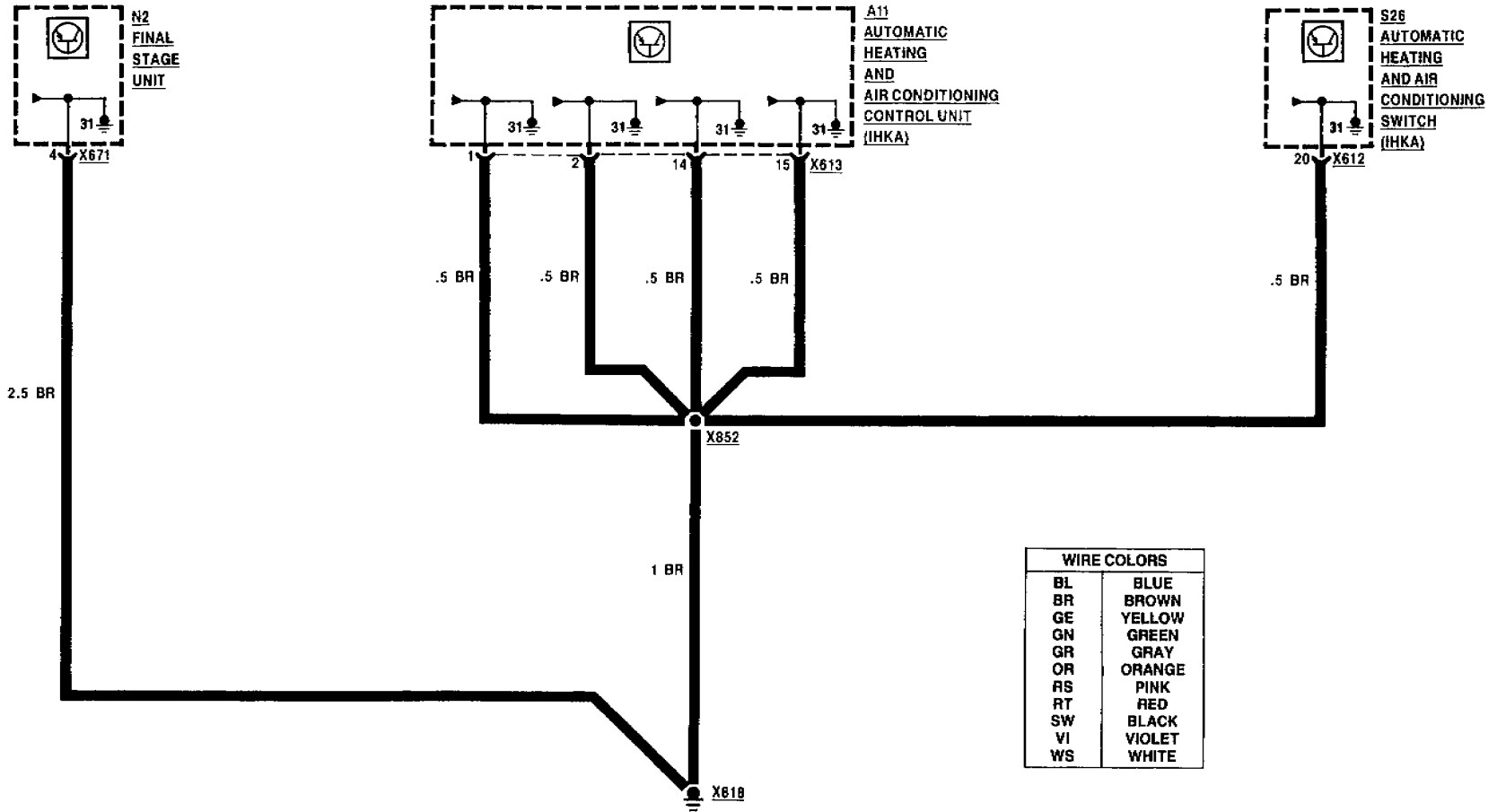
# AUTOMATIC CLIMATE CONTROL (IHKA) POWER

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

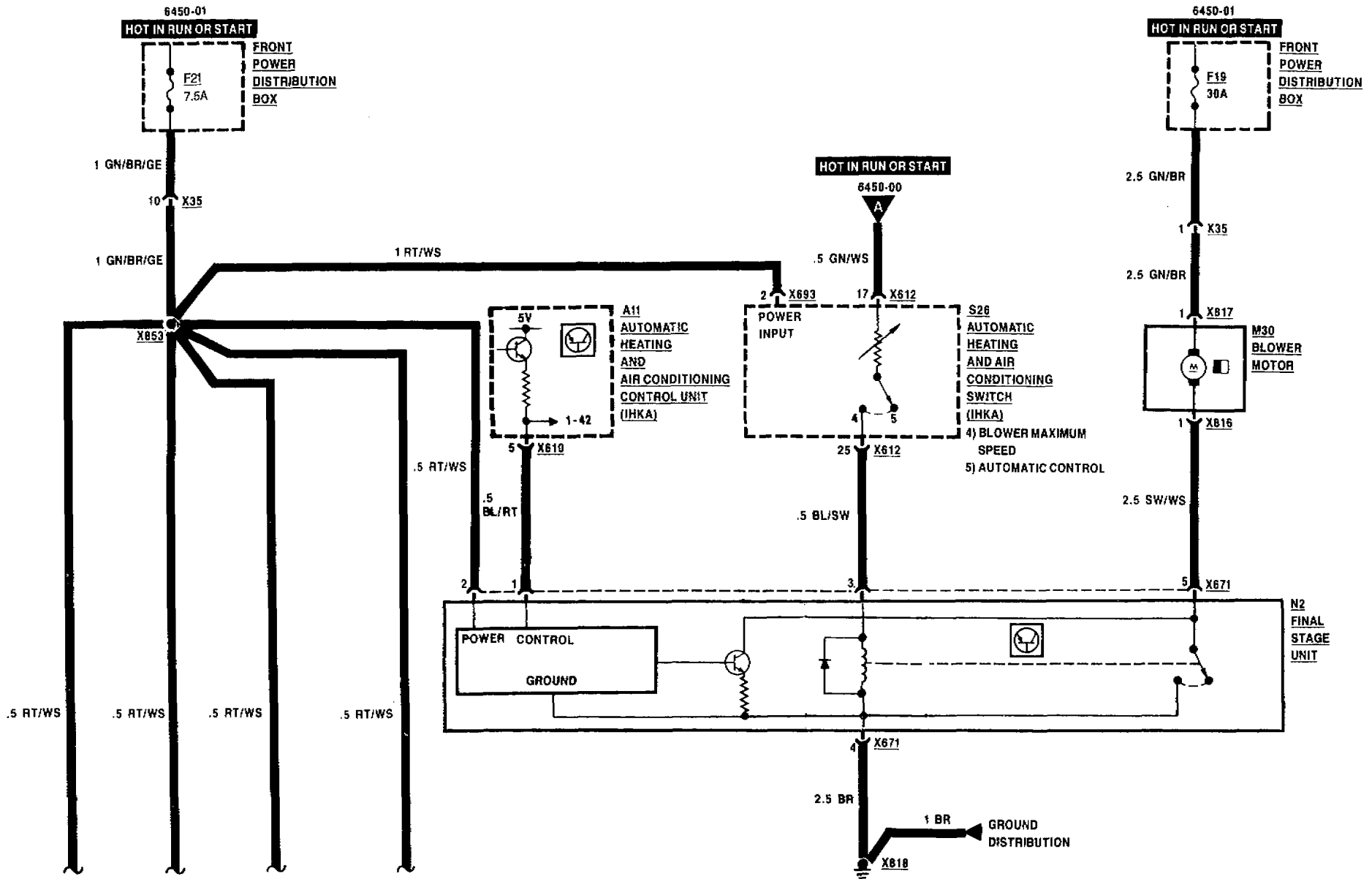


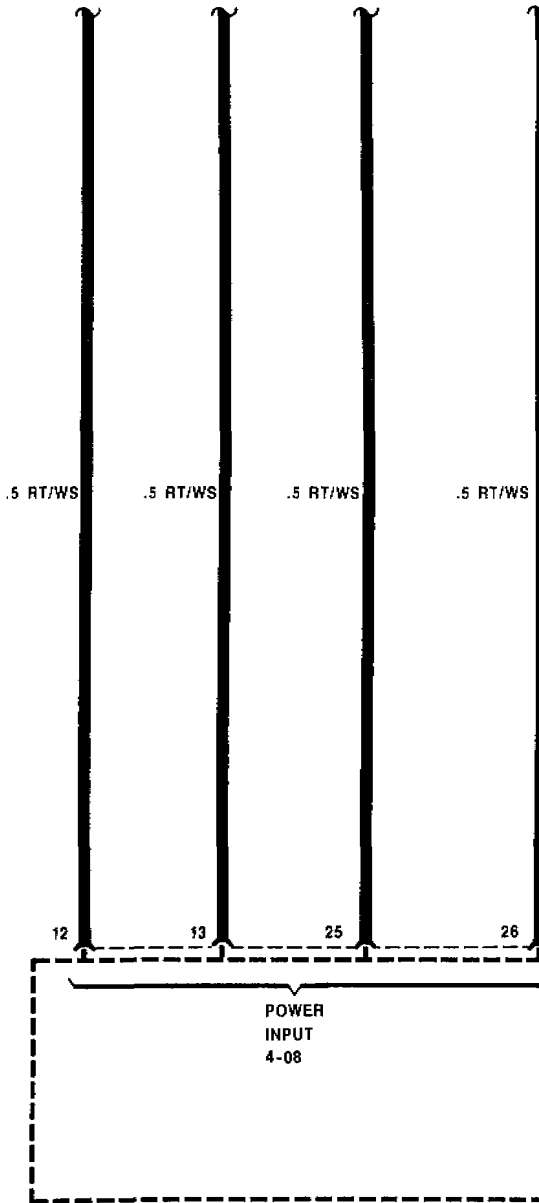
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



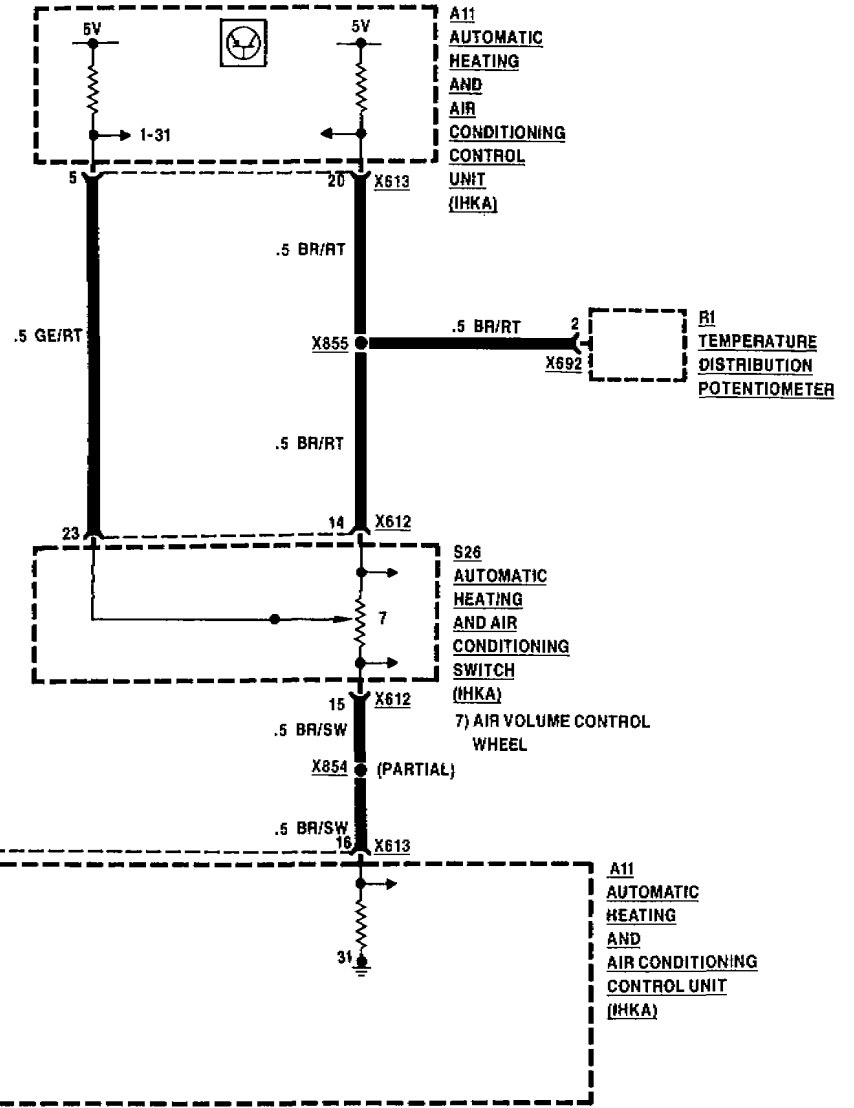
# AUTOMATIC CLIMATE CONTROL (IHKA)

## BLOWER CONTROL





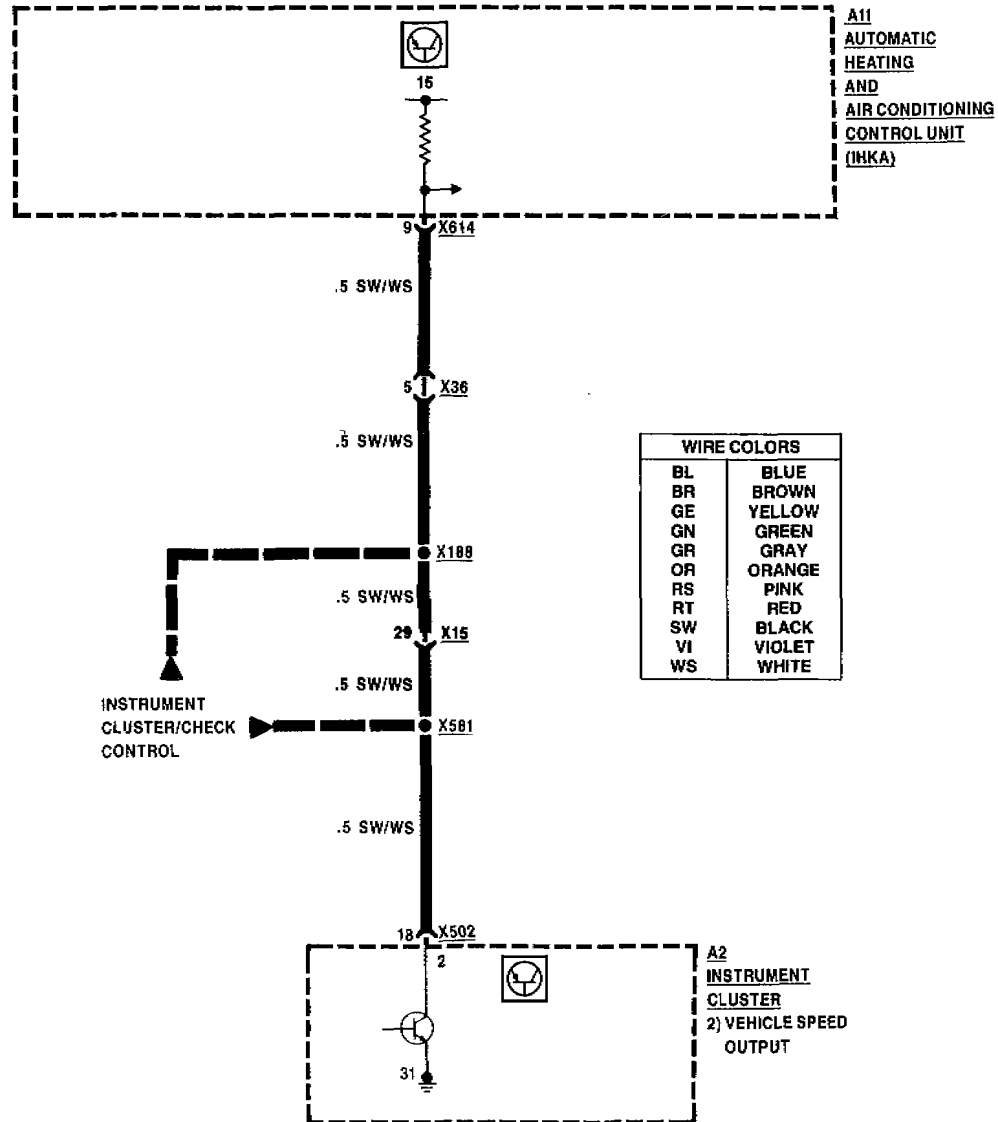
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





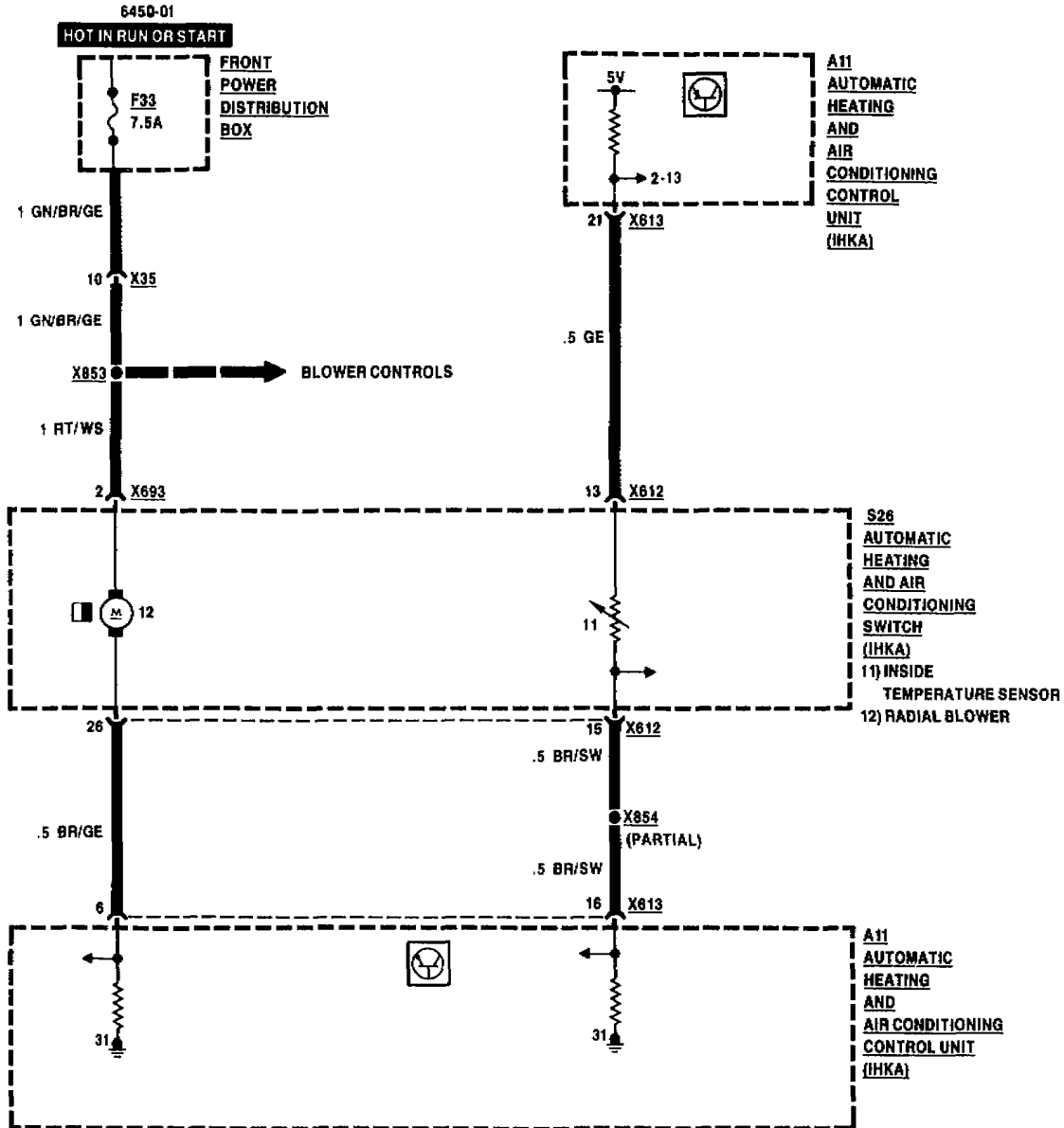
# AUTOMATIC CLIMATE CONTROL (IHKA)

## BLOWER CONTROLS





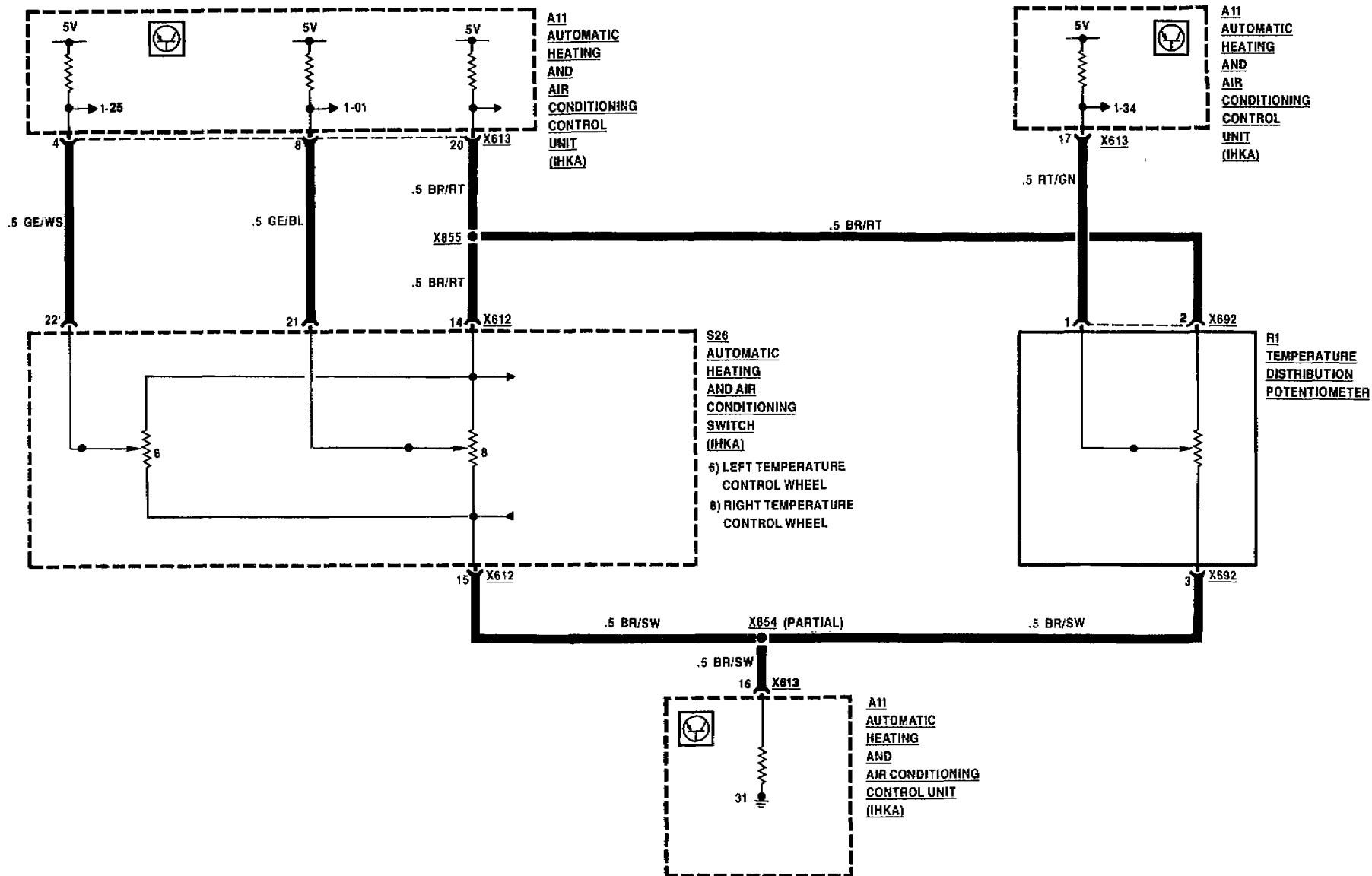
# AUTOMATIC CLIMATE CONTROL (IHKA) TEMPERATURE CONTROLS







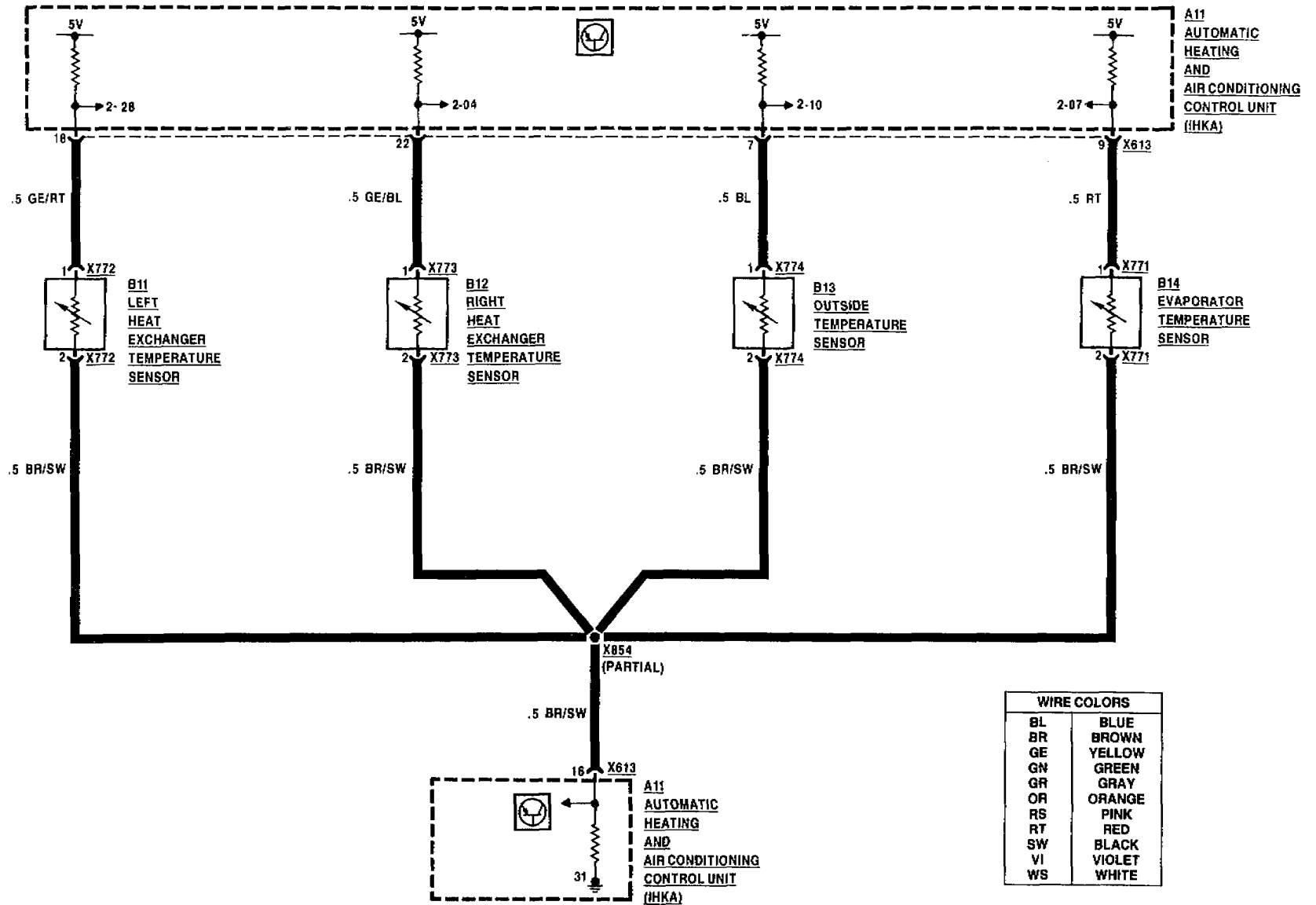
# AUTOMATIC CLIMATE CONTROL (IHKA) TEMPERATURE CONTROLS





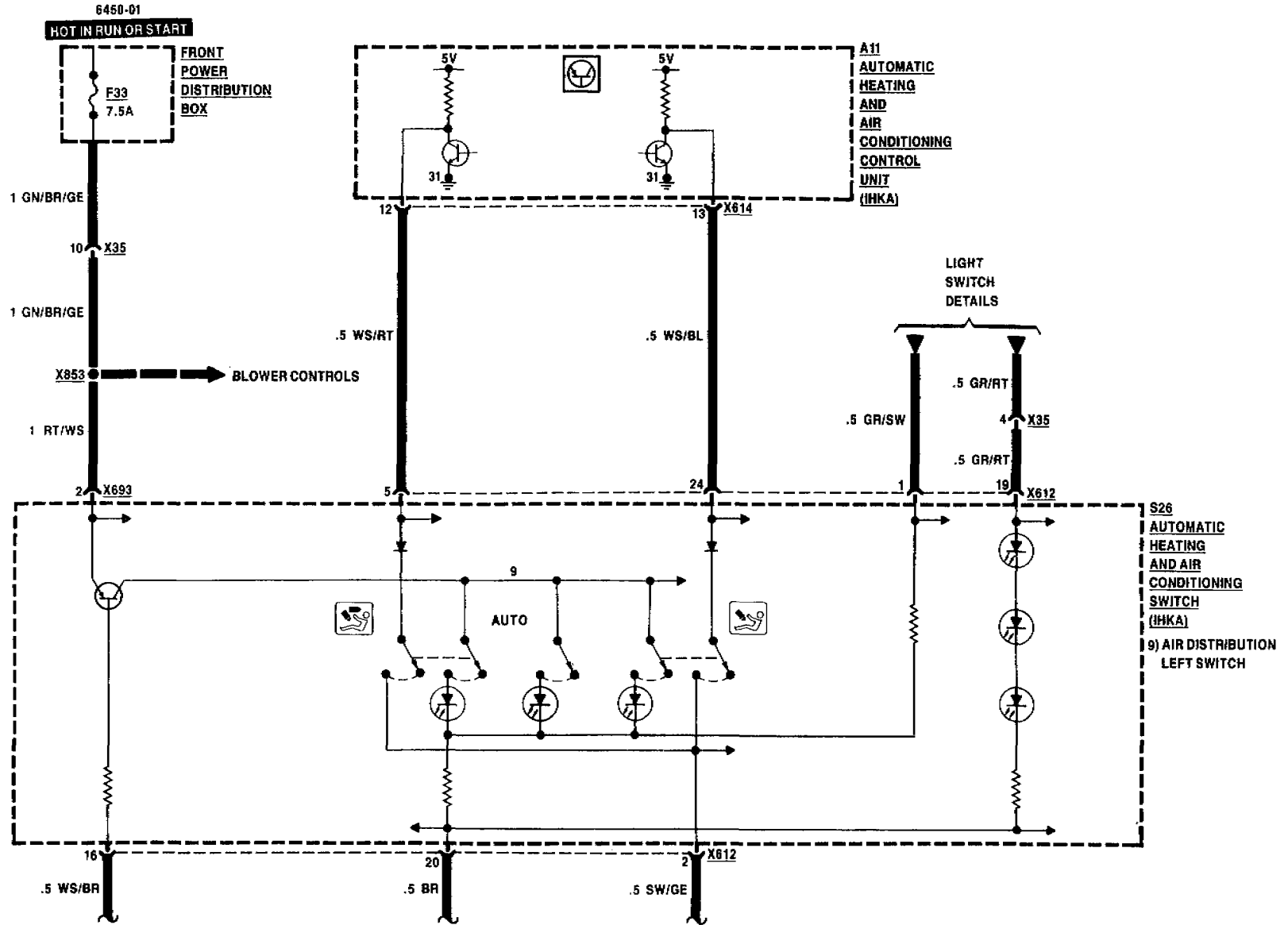
# AUTOMATIC CLIMATE CONTROL (IHKA)

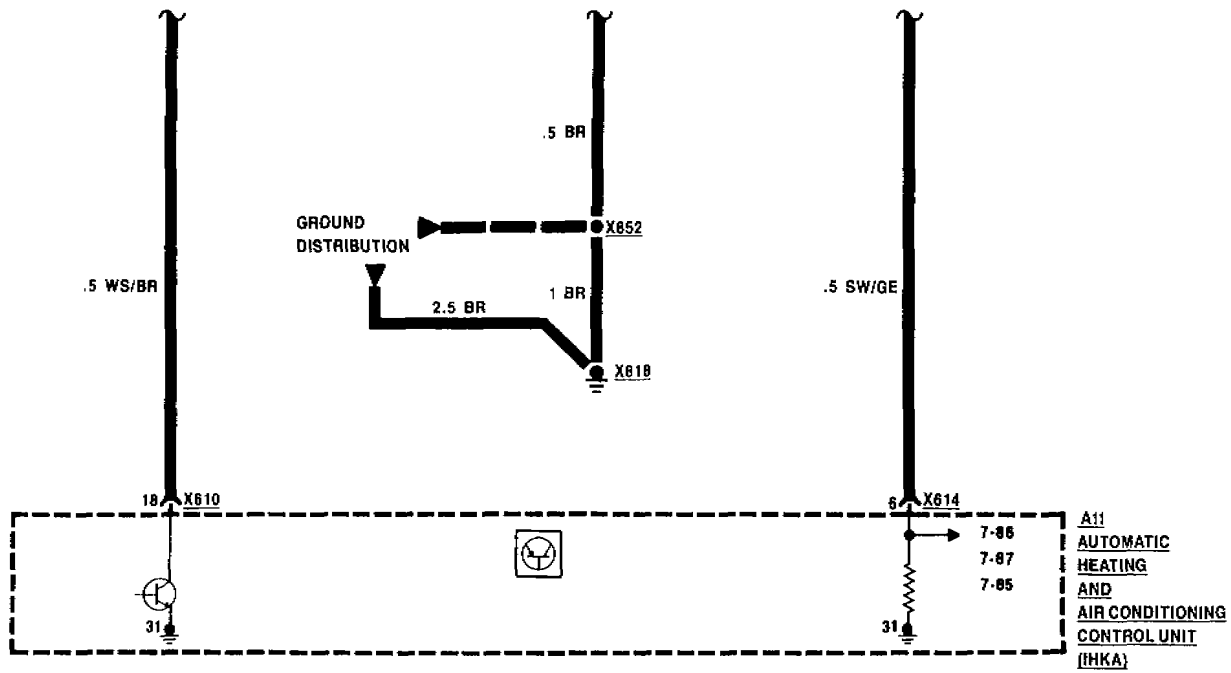
## TEMPERATURE CONTROLS





# AUTOMATIC CLIMATE CONTROL (IHKA) AIR DELIVERY

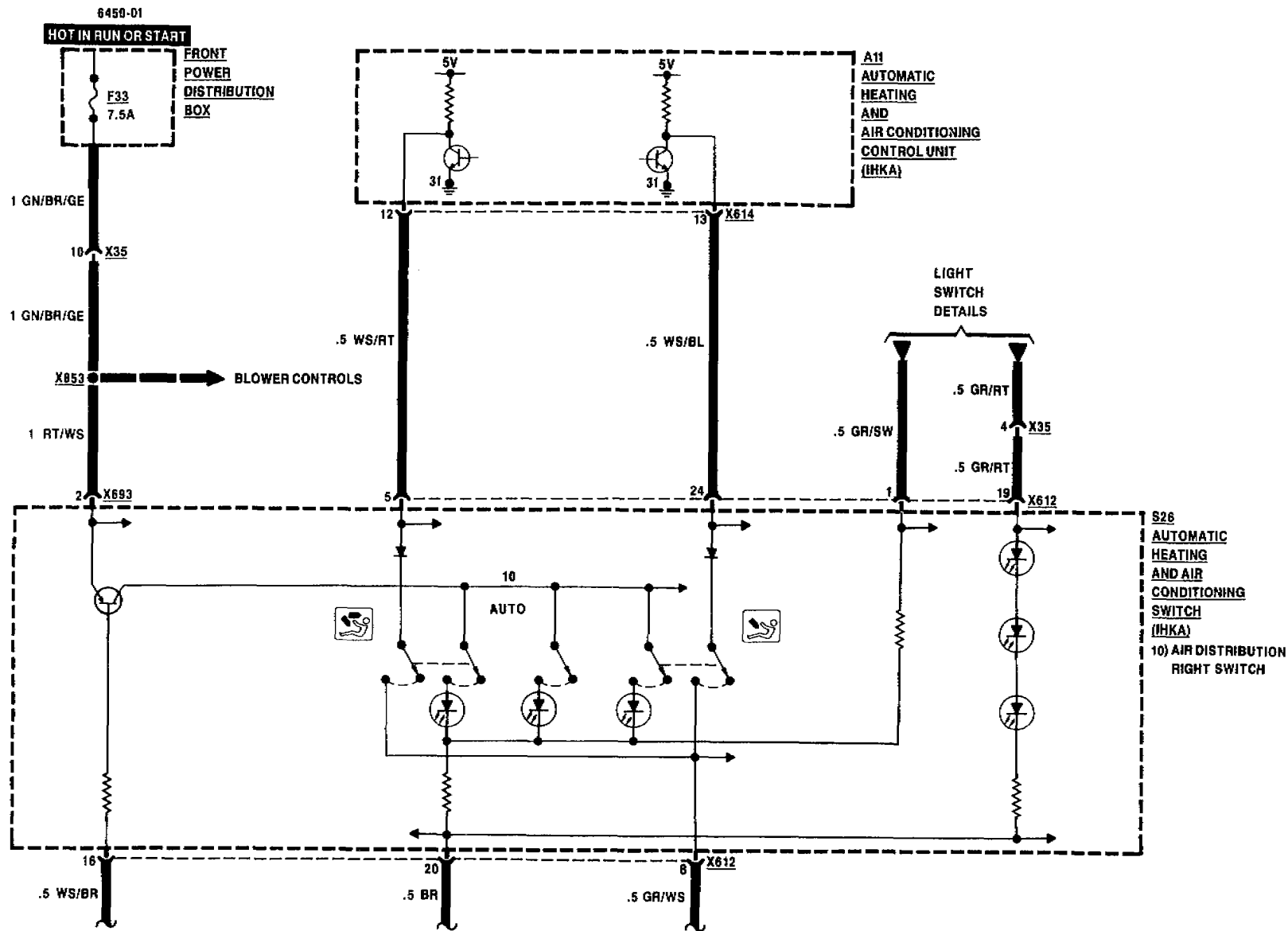


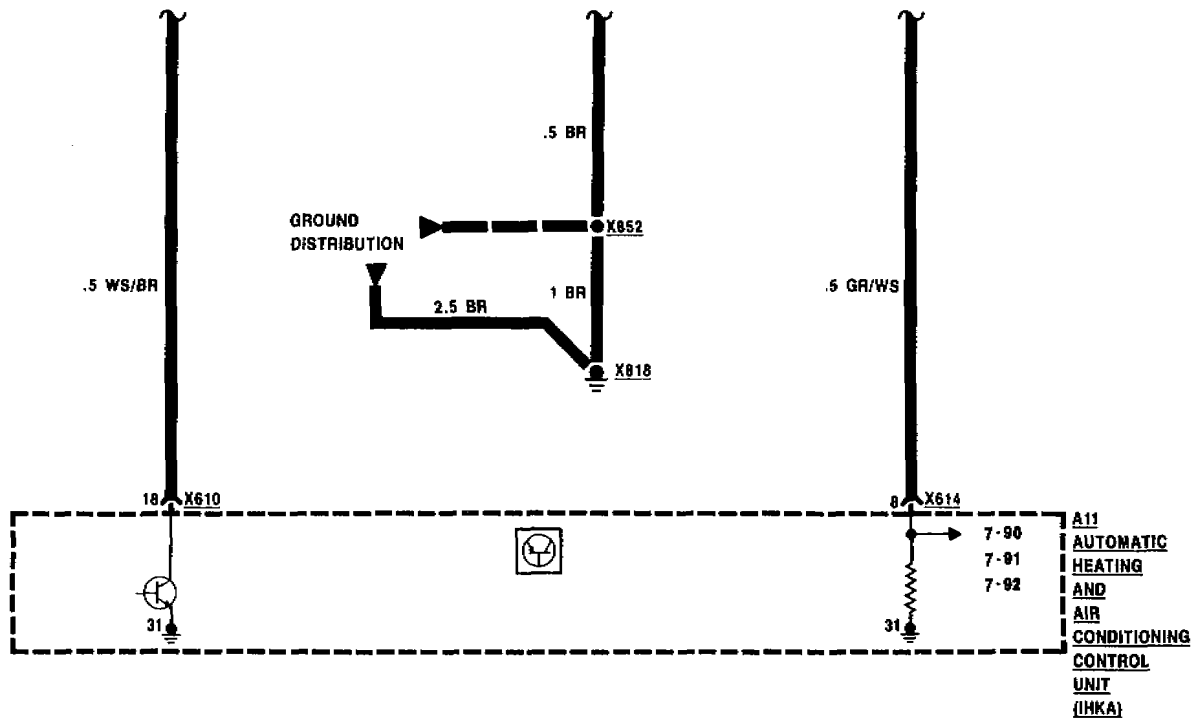


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# AUTOMATIC CLIMATE CONTROL (IHKA) AIR DELIVERY

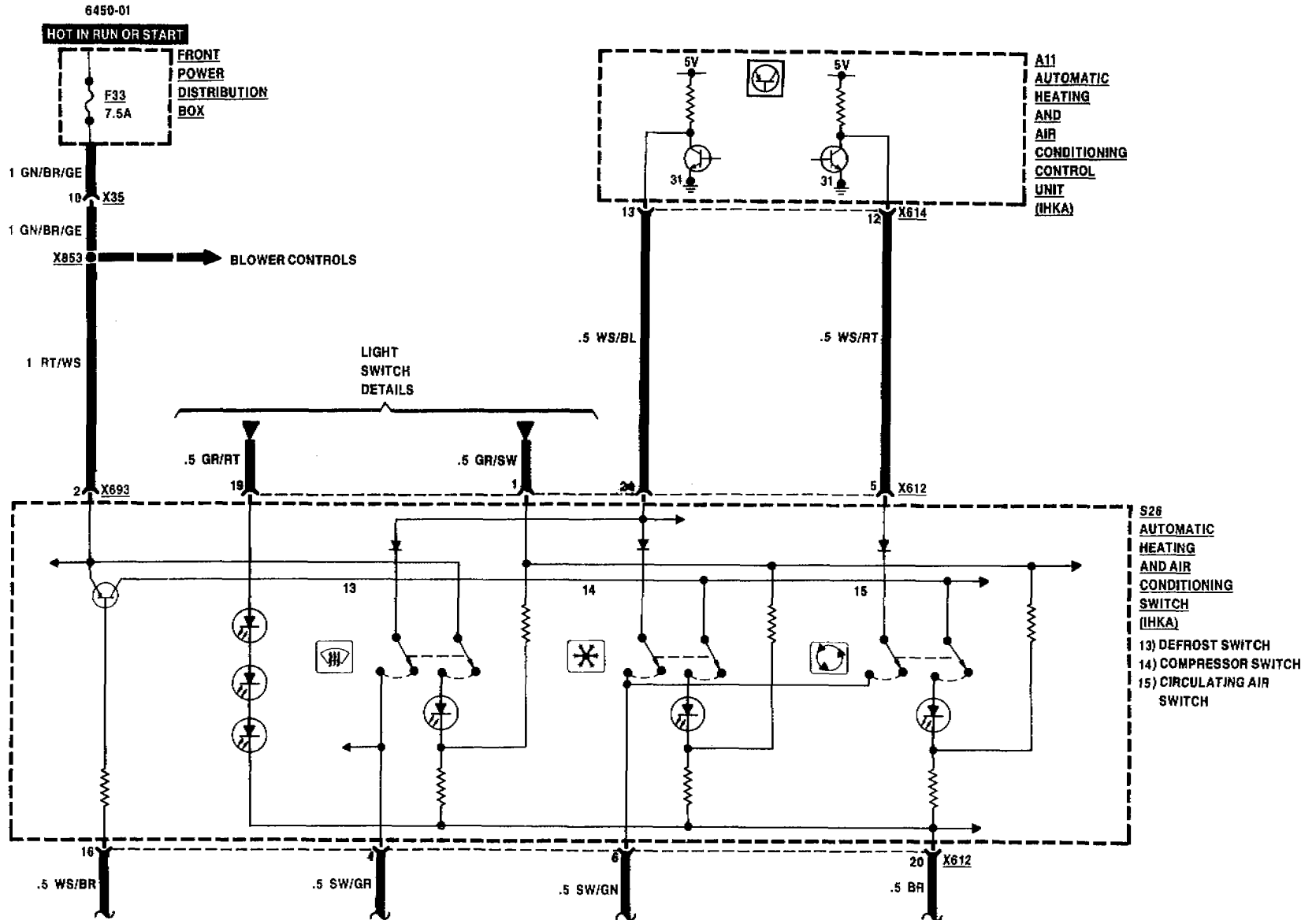




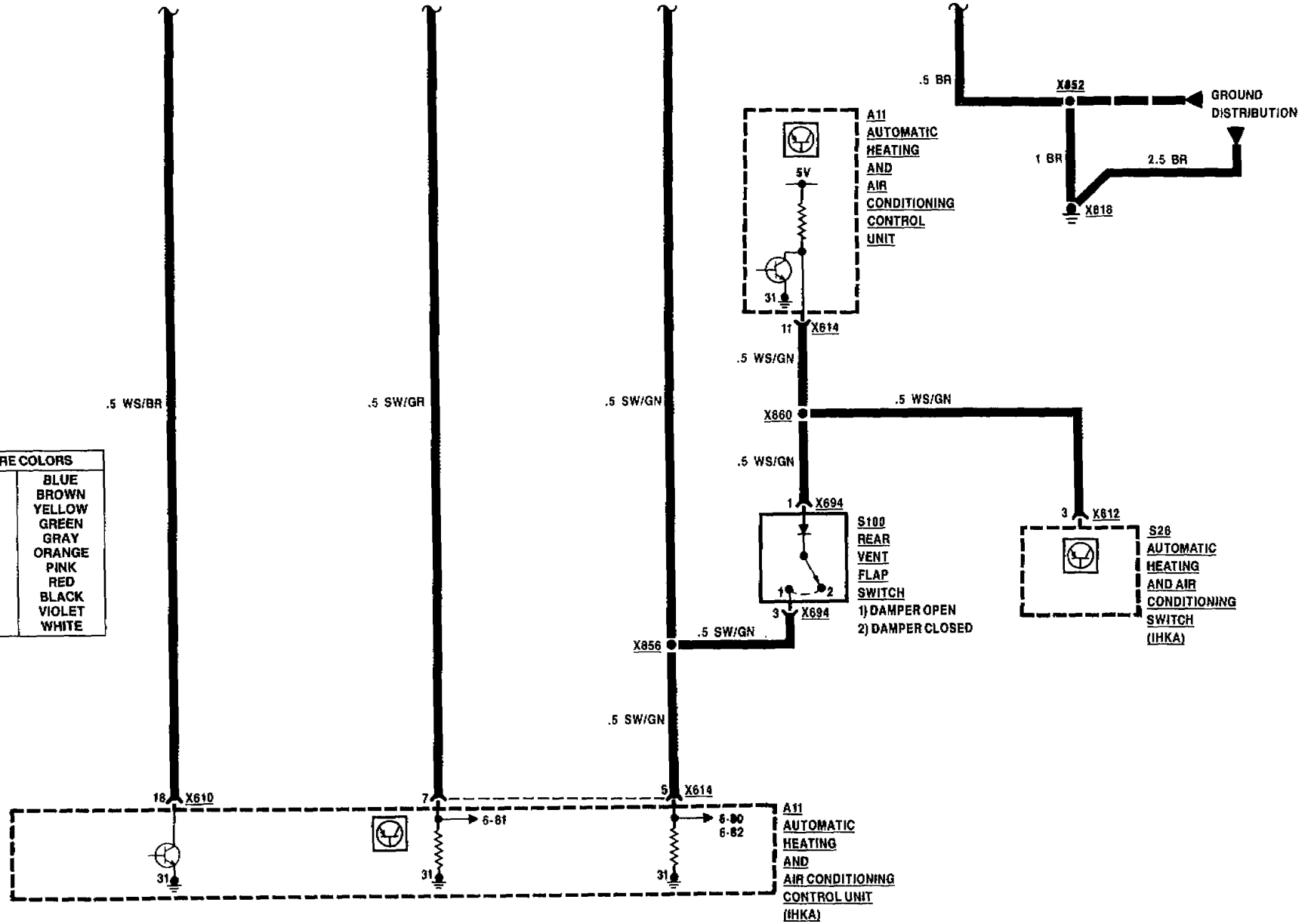
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# AUTOMATIC CLIMATE CONTROL (IHKA) AIR DELIVERY



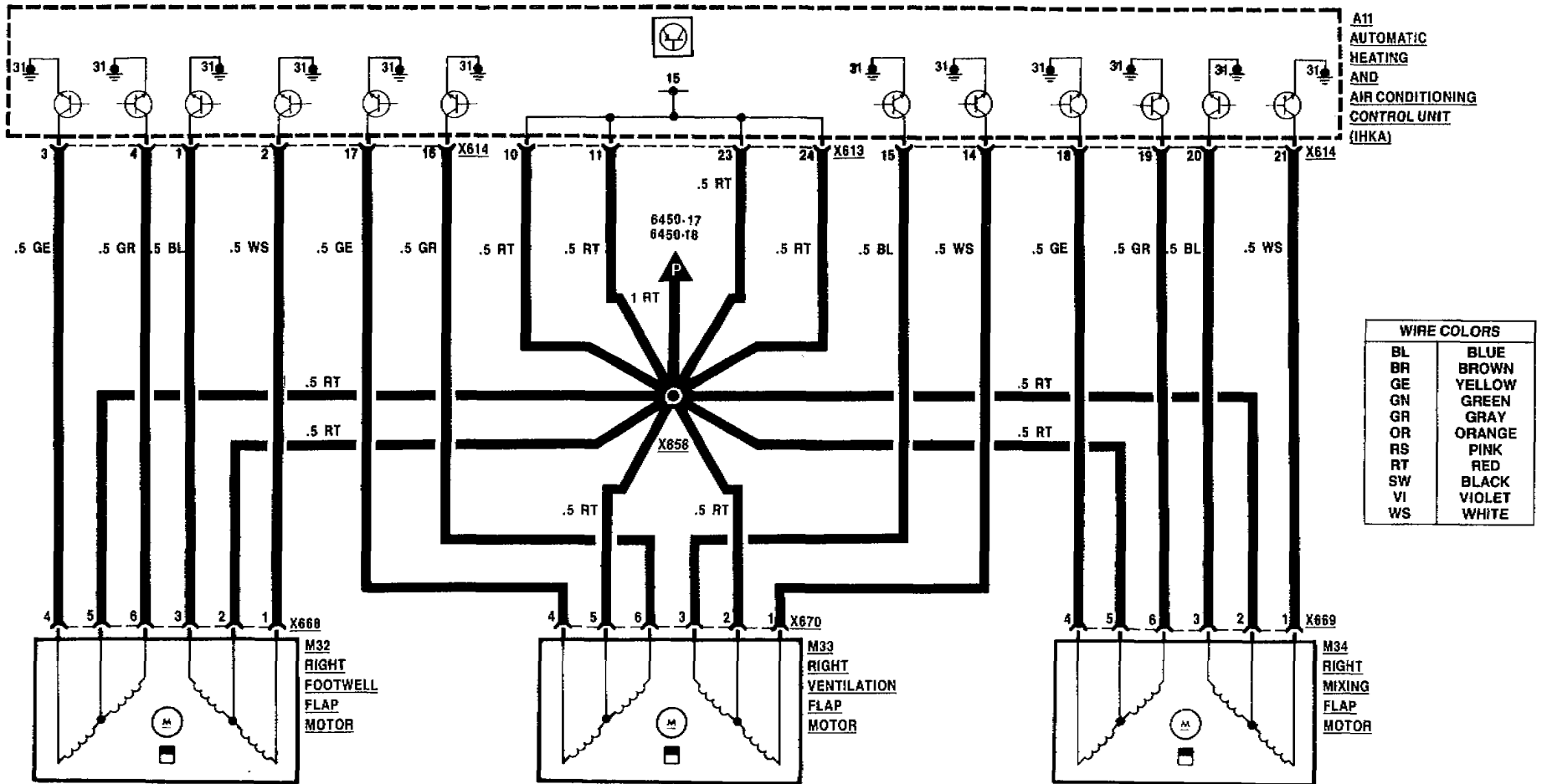
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE







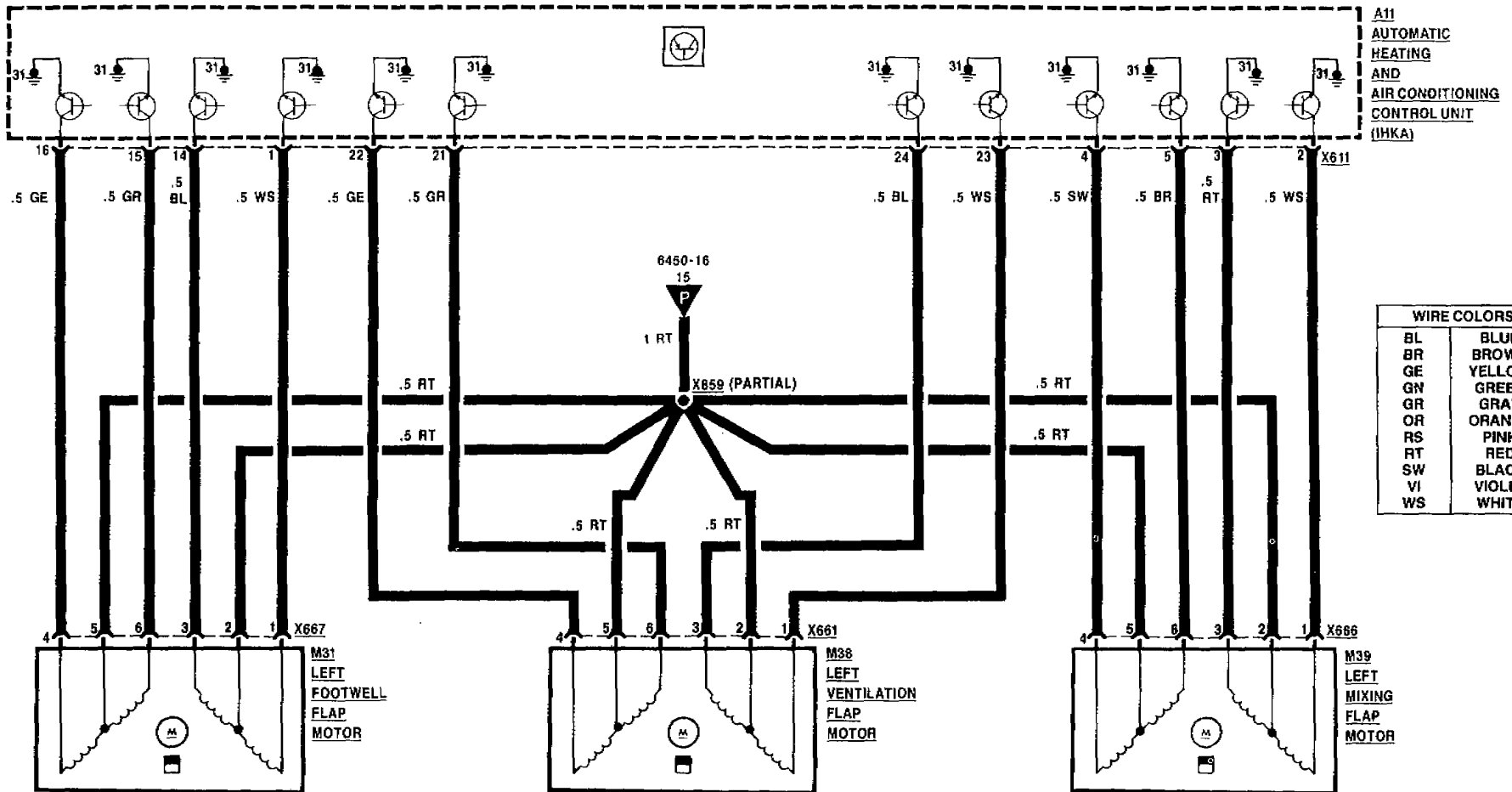
# AUTOMATIC CLIMATE CONTROL (IHKA) AIR DELIVERY





# AUTOMATIC CLIMATE CONTROL (IHKA)

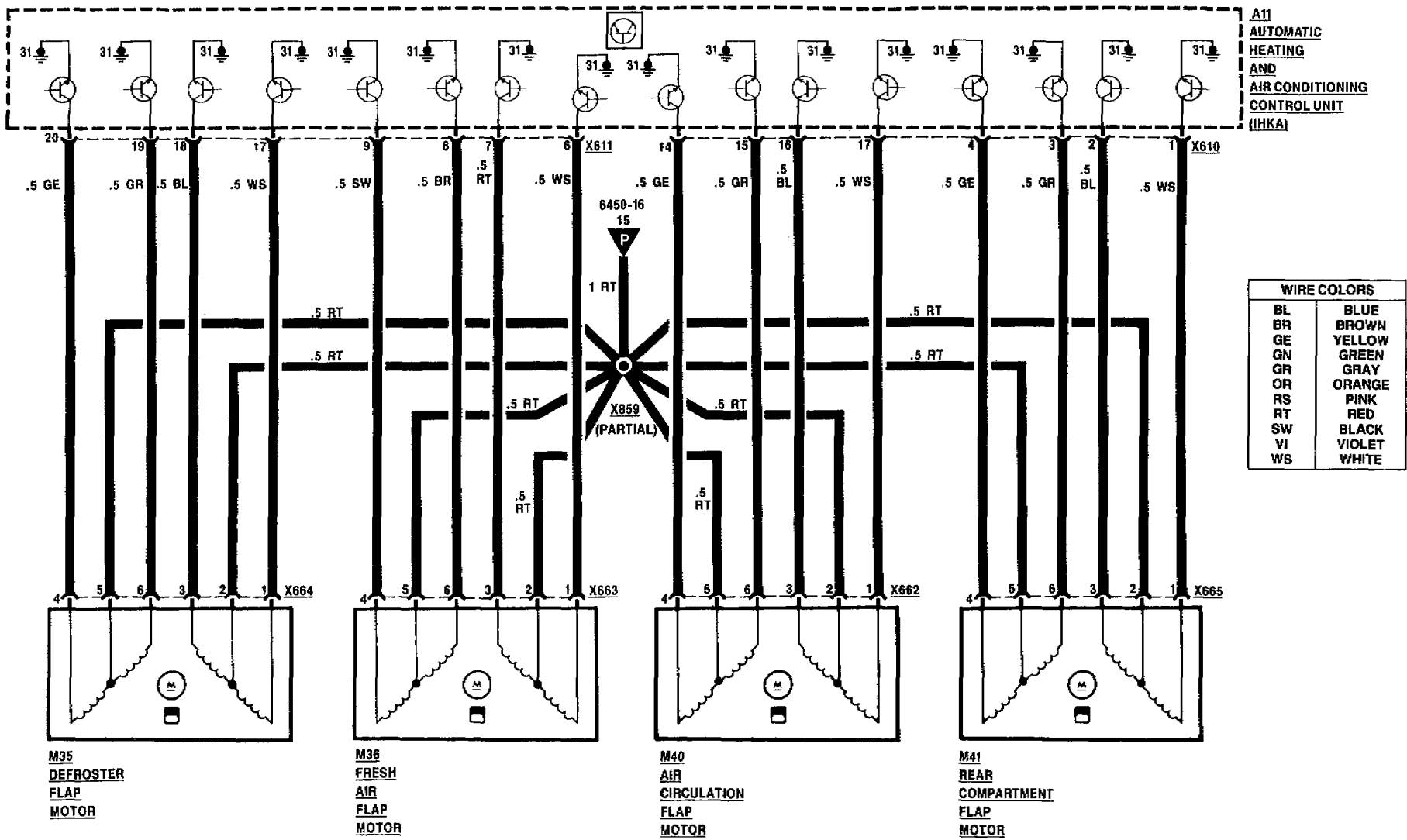
## AIR DELIVERY





# AUTOMATIC CLIMATE CONTROL (IHKA)

## AIR DELIVERY

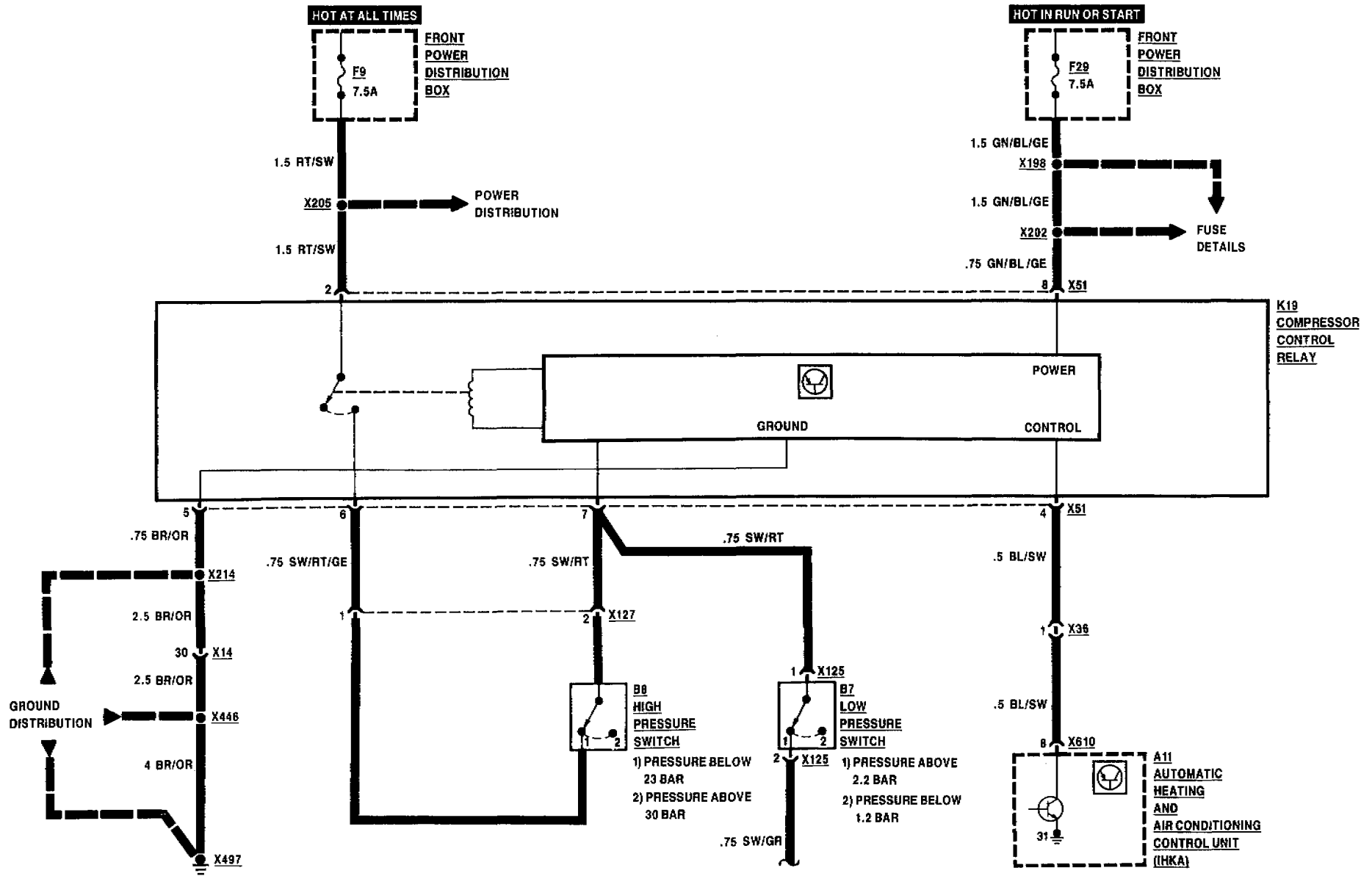


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

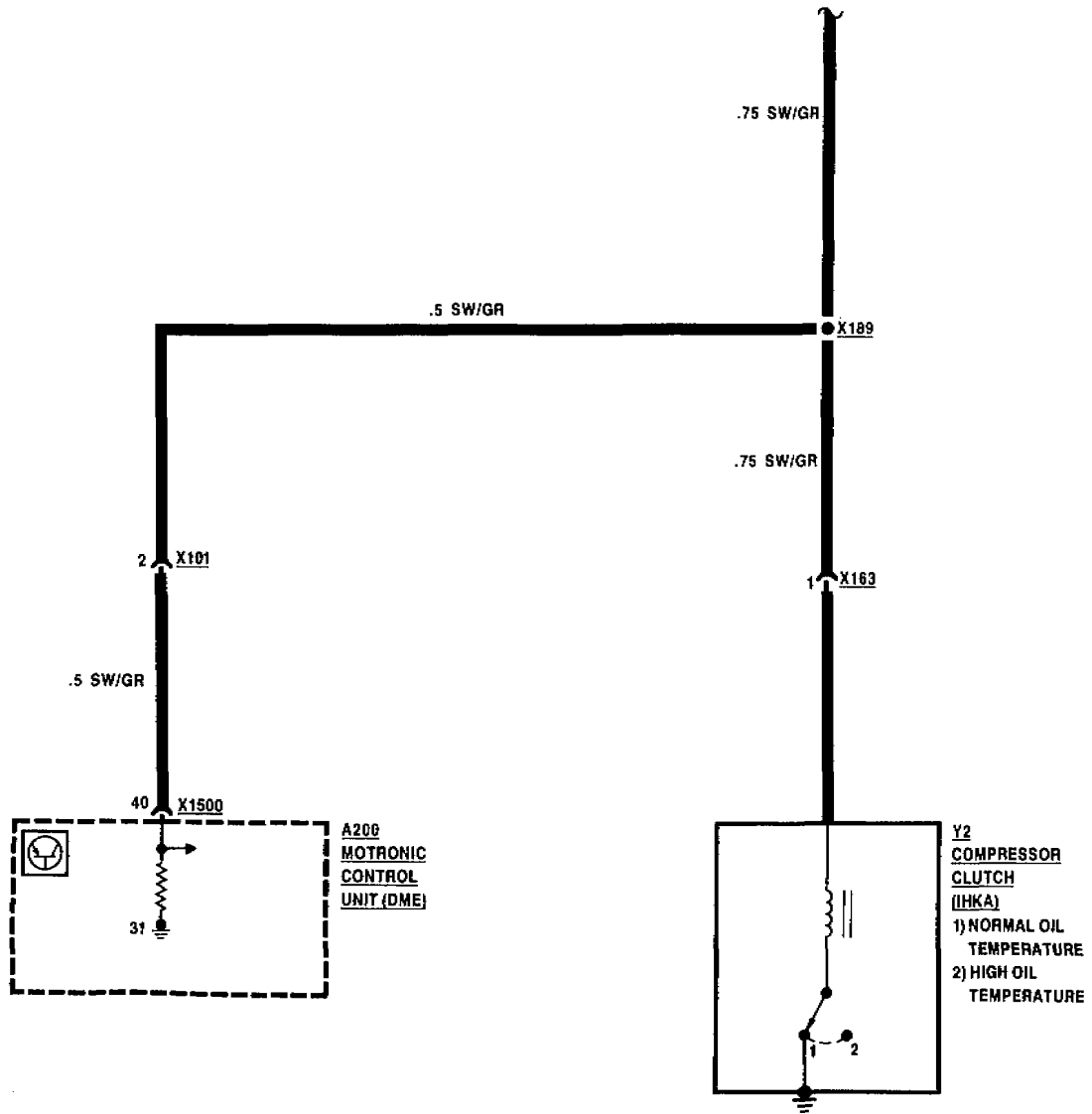
**FOR AUTOMATIC CLIMATE CONTROL (IHKA):  
COMPRESSOR CONTROLS,  
SEE PAGE 6450-20**



# AUTOMATIC CLIMATE CONTROL (IHKA) COMPRESSOR CONTROLS



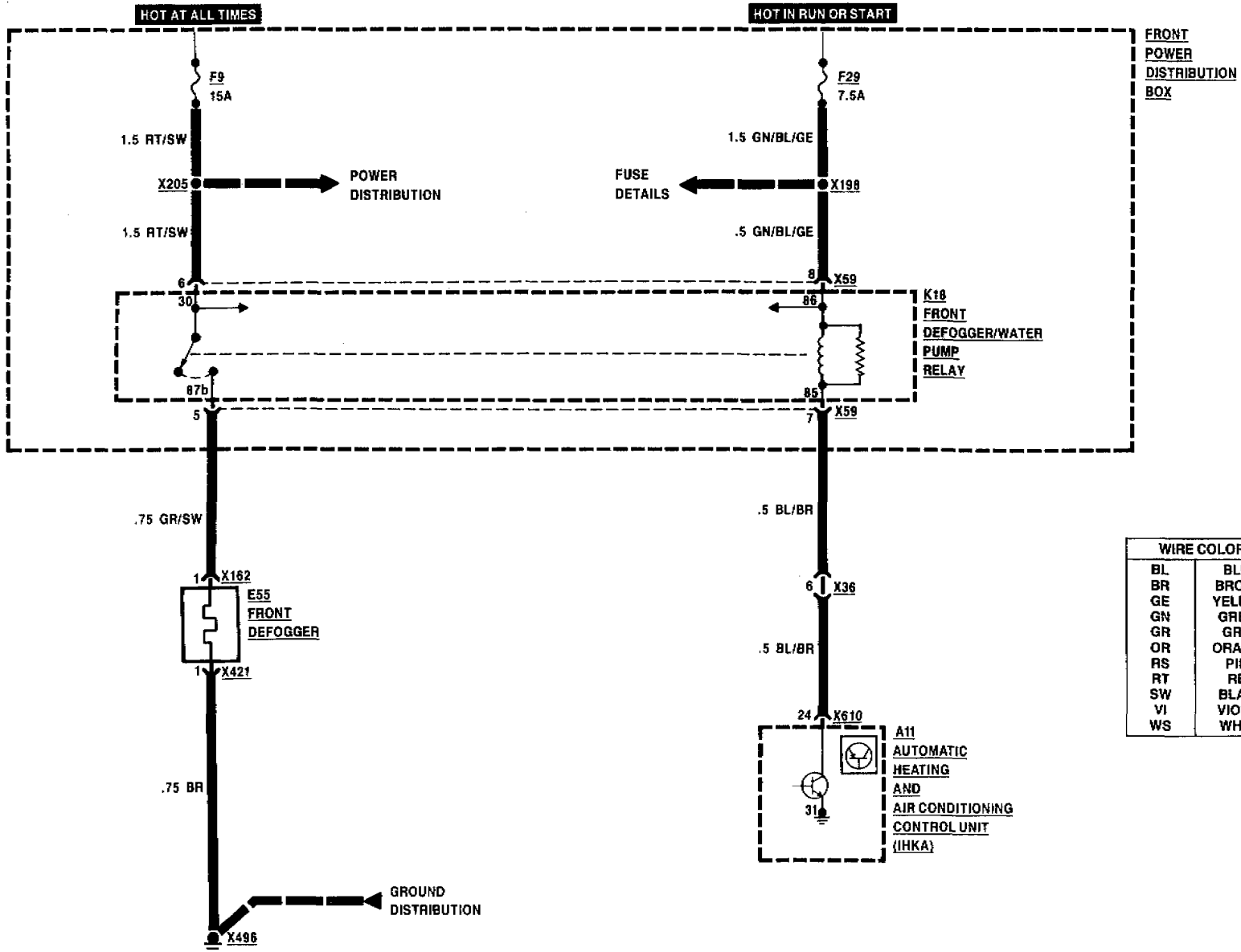
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# AUTOMATIC CLIMATE CONTROL (IHKA)

## FRONT WINDOW DEFOGGER

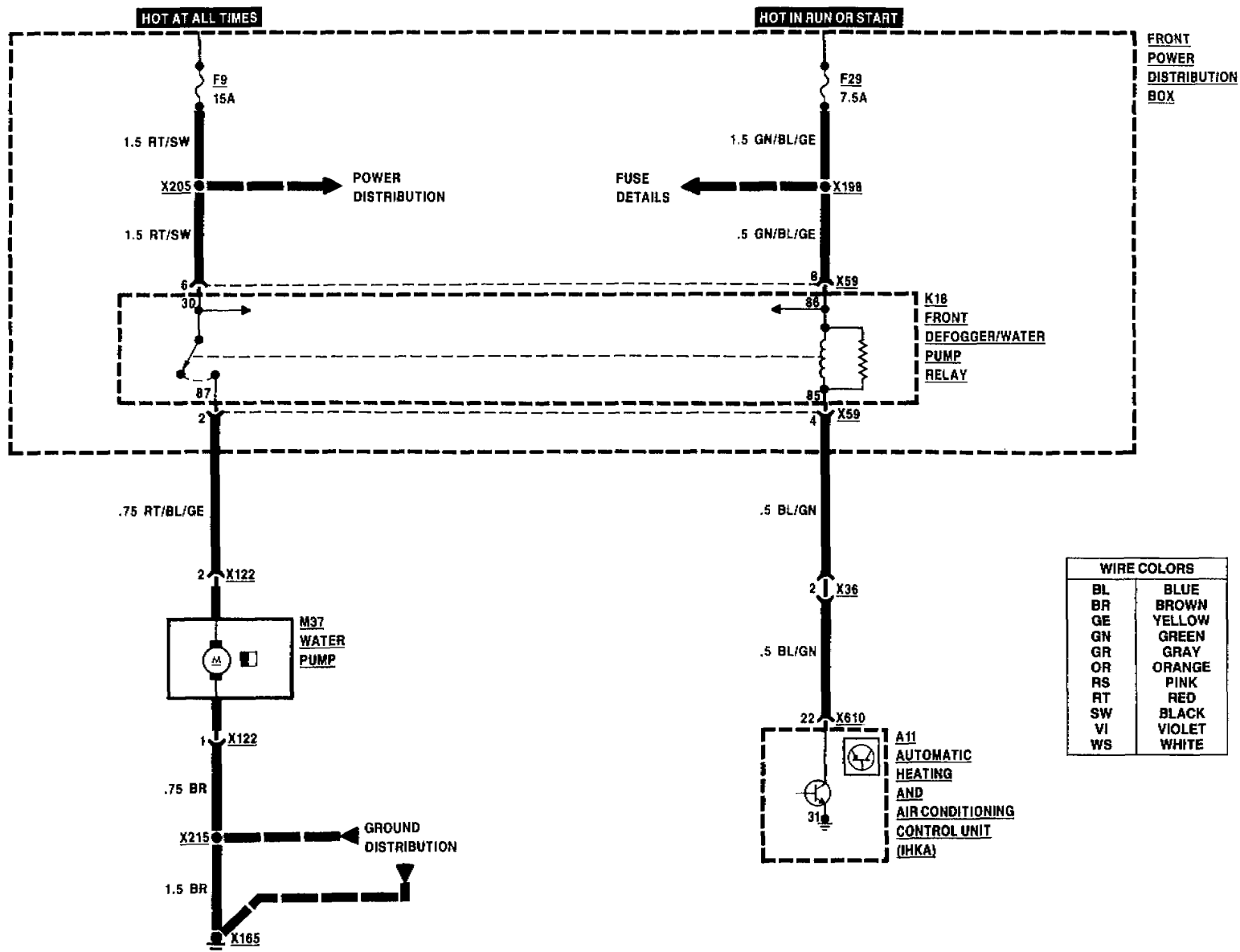


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# AUTOMATIC CLIMATE CONTROL (IHKA)

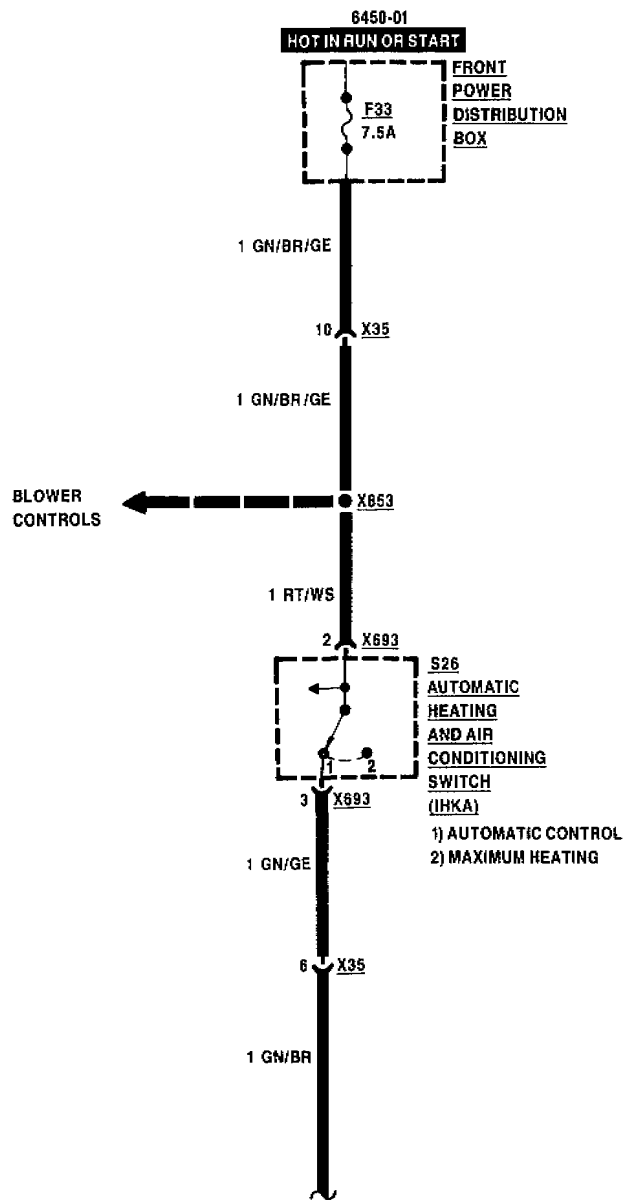
## AUXILIARY WATER PUMP



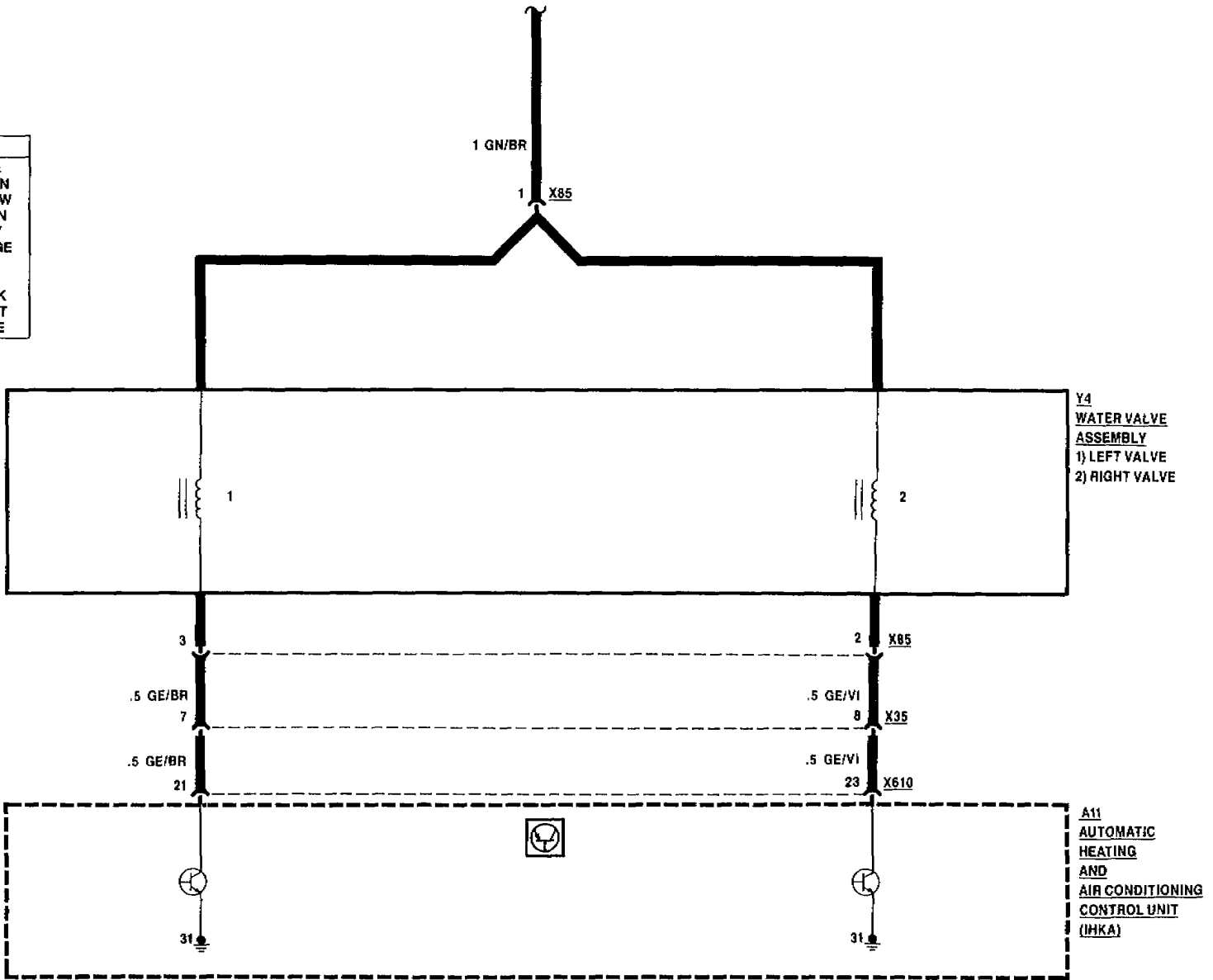




# AUTOMATIC CLIMATE CONTROL (IHKA) WATER VALVES

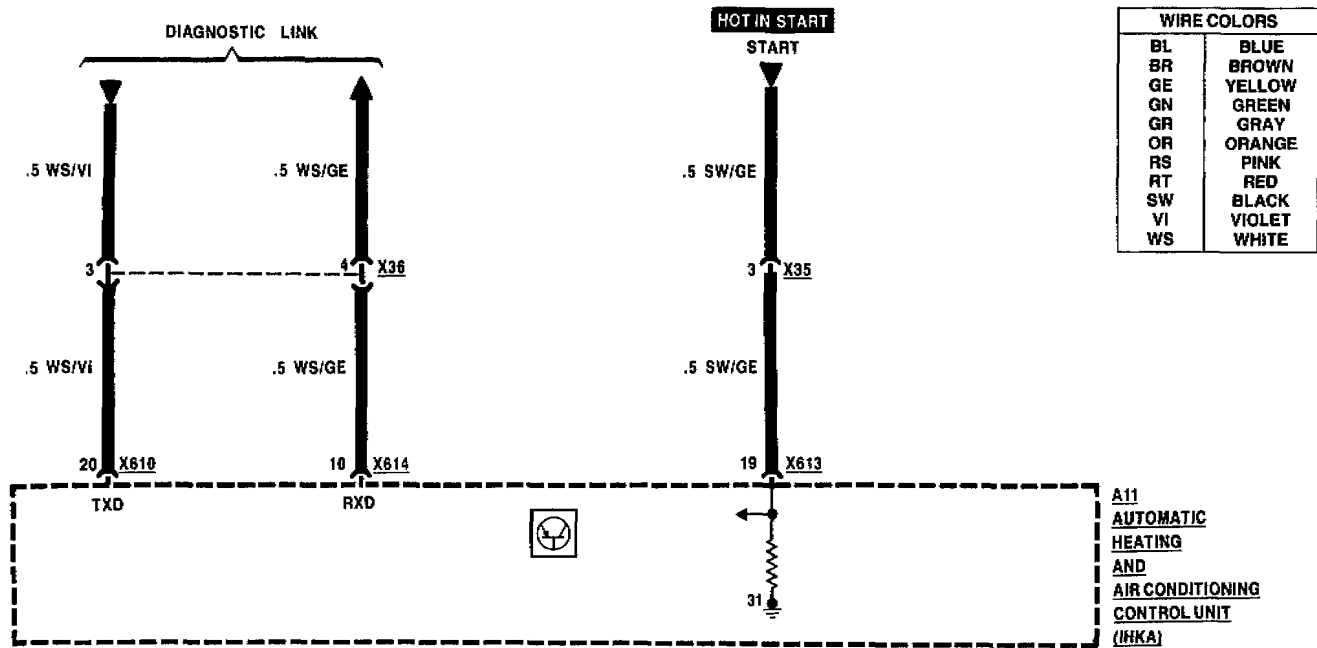


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



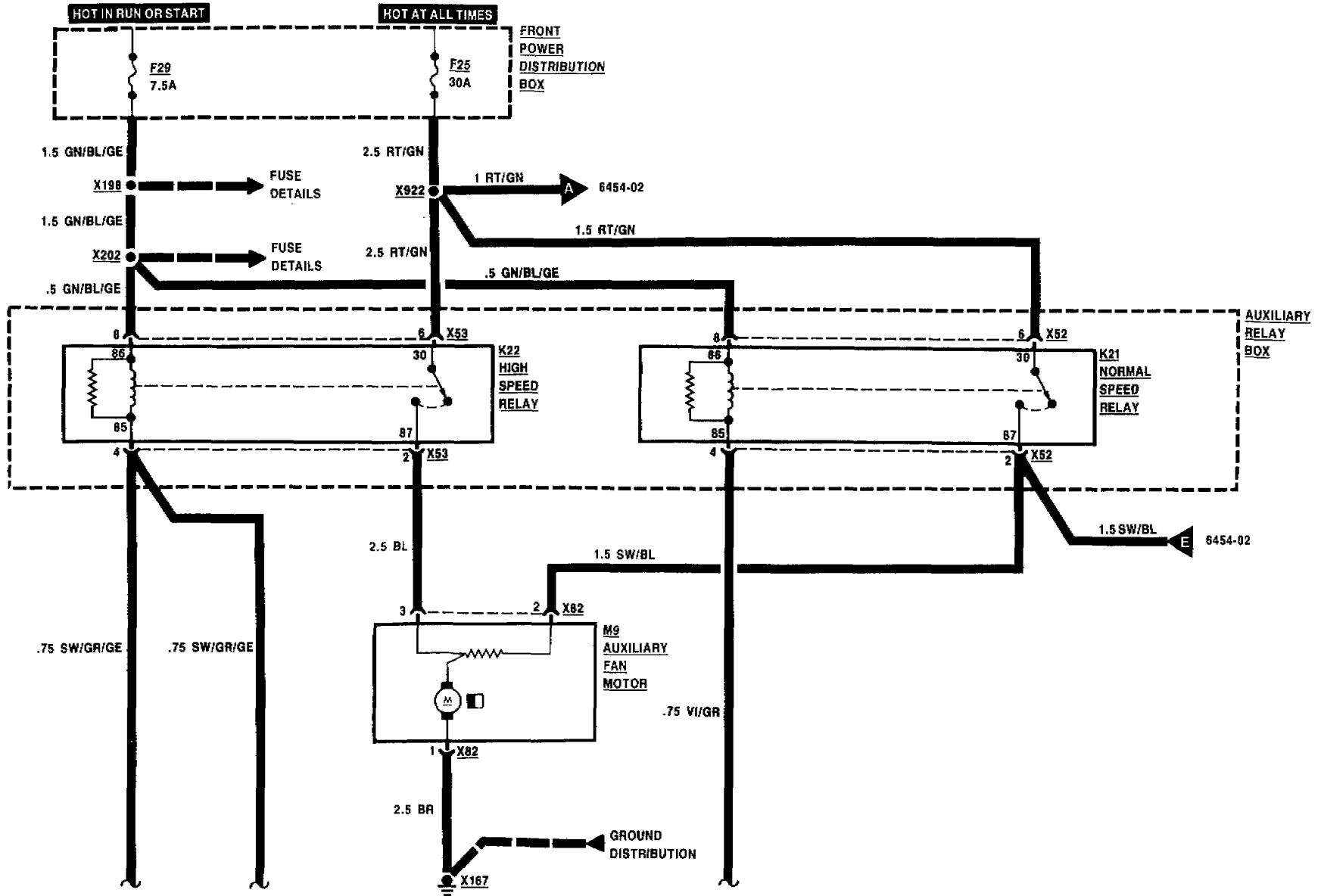


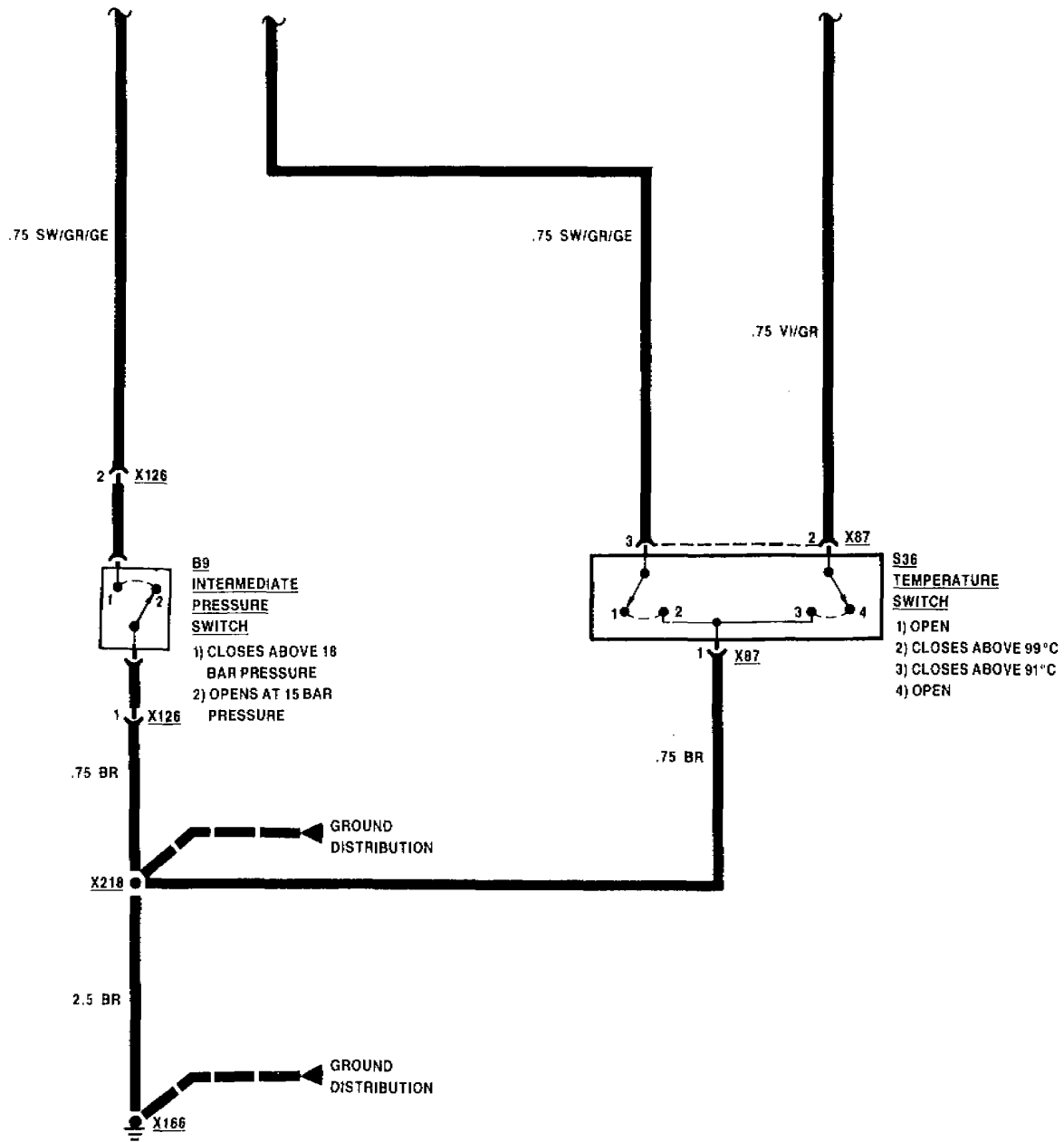
# AUTOMATIC CLIMATE CONTROL (IHKA) DIAGNOSTIC LINK AND STARTER INPUT





# AUXILIARY FAN

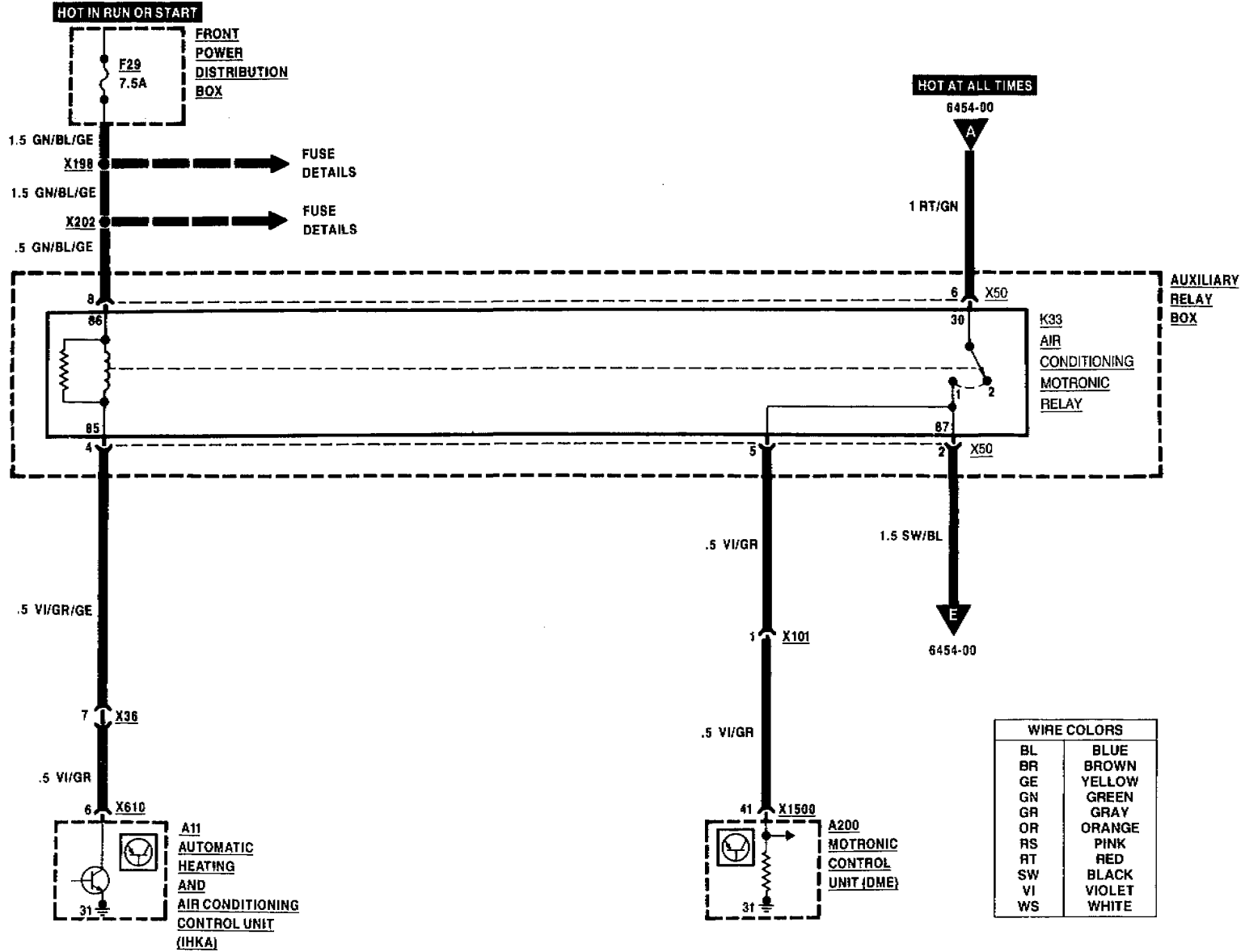




WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# AUXILIARY FAN

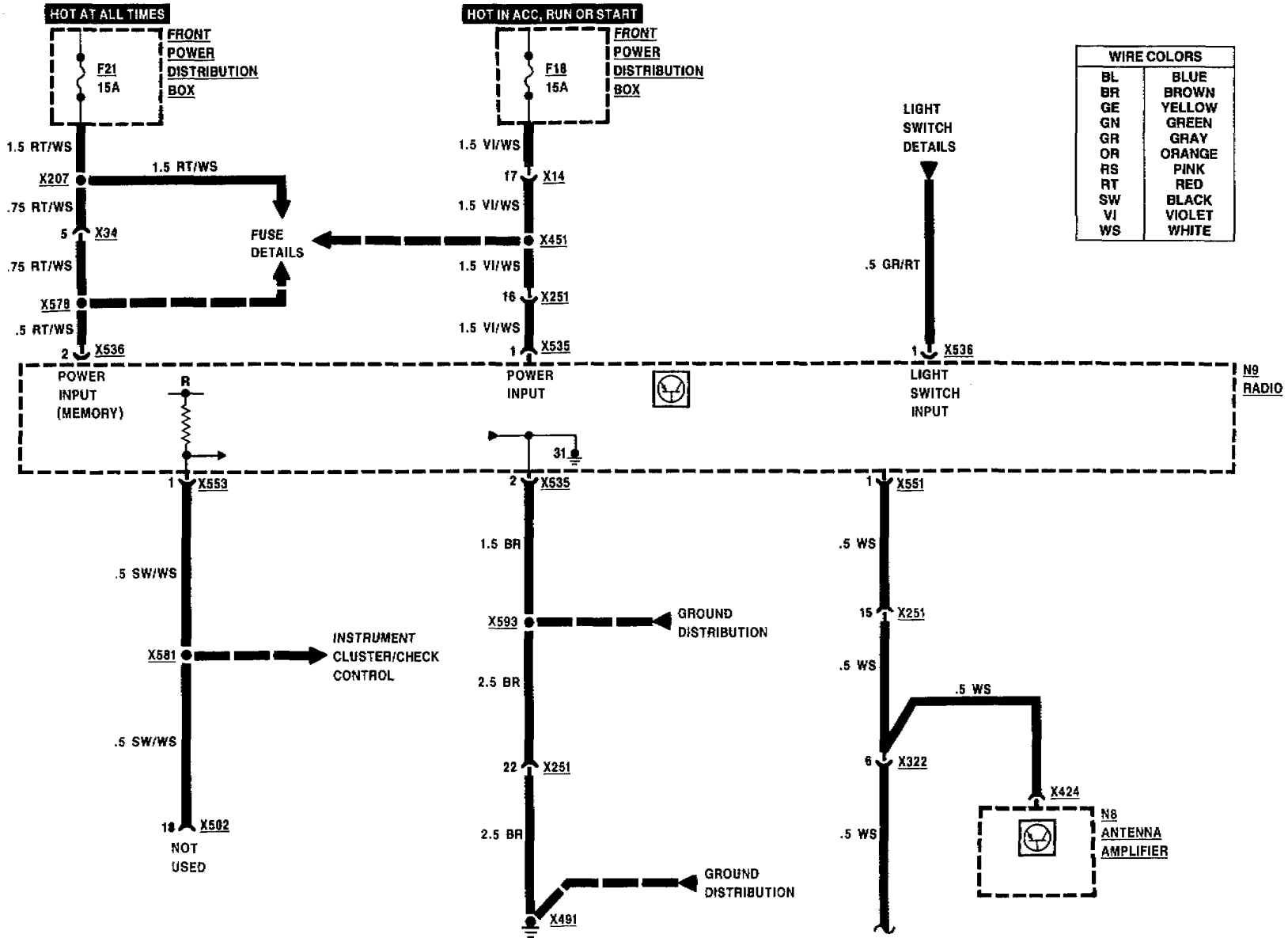


**FOR AUXILIARY FAN:  
DIAGNOSIS,  
REFER TO CELL 6450**

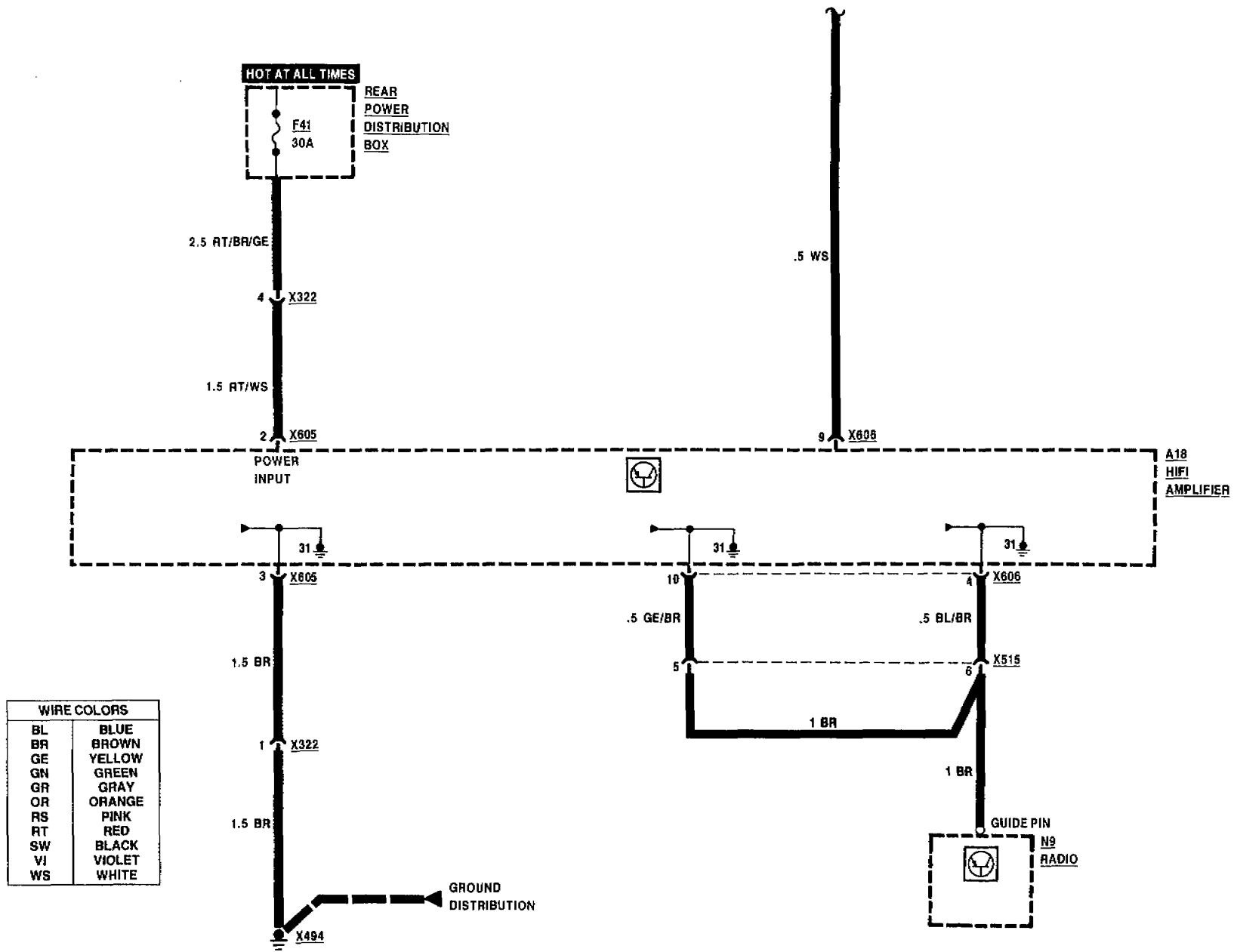


# RADIO

## RADIO WITH TEN SPEAKER SYSTEM





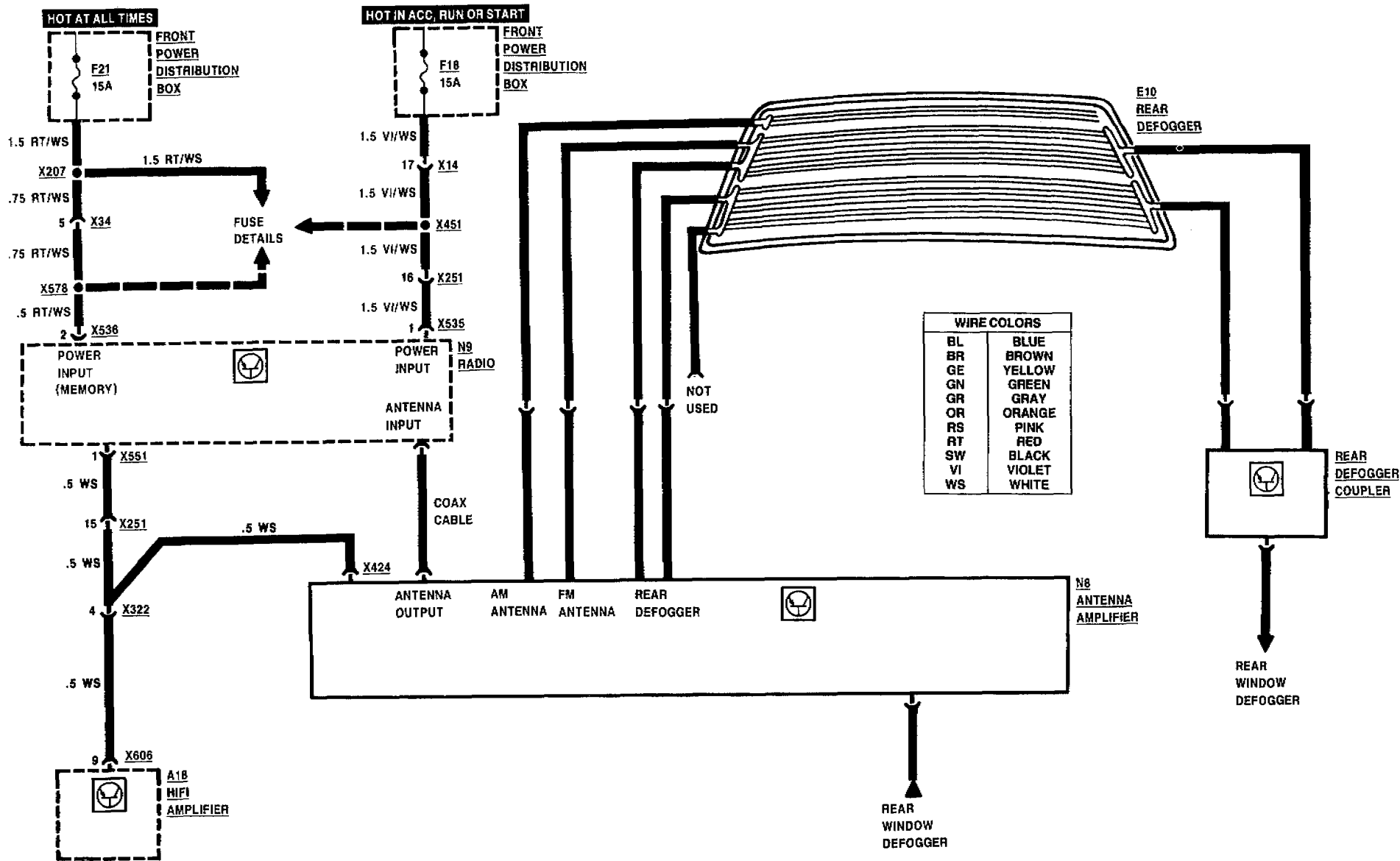


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# RADIO

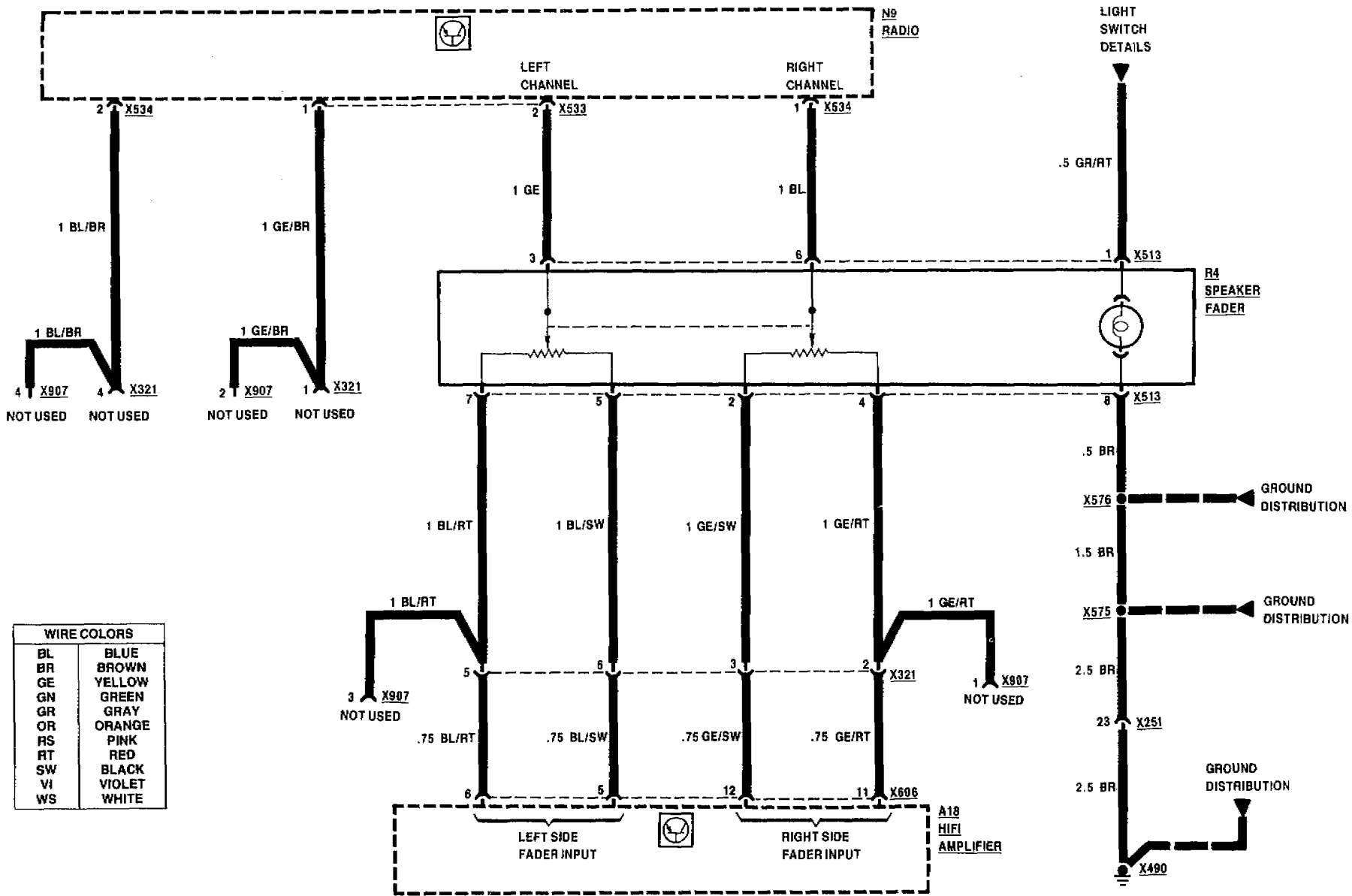
## RADIO WITH TEN SPEAKER SYSTEM





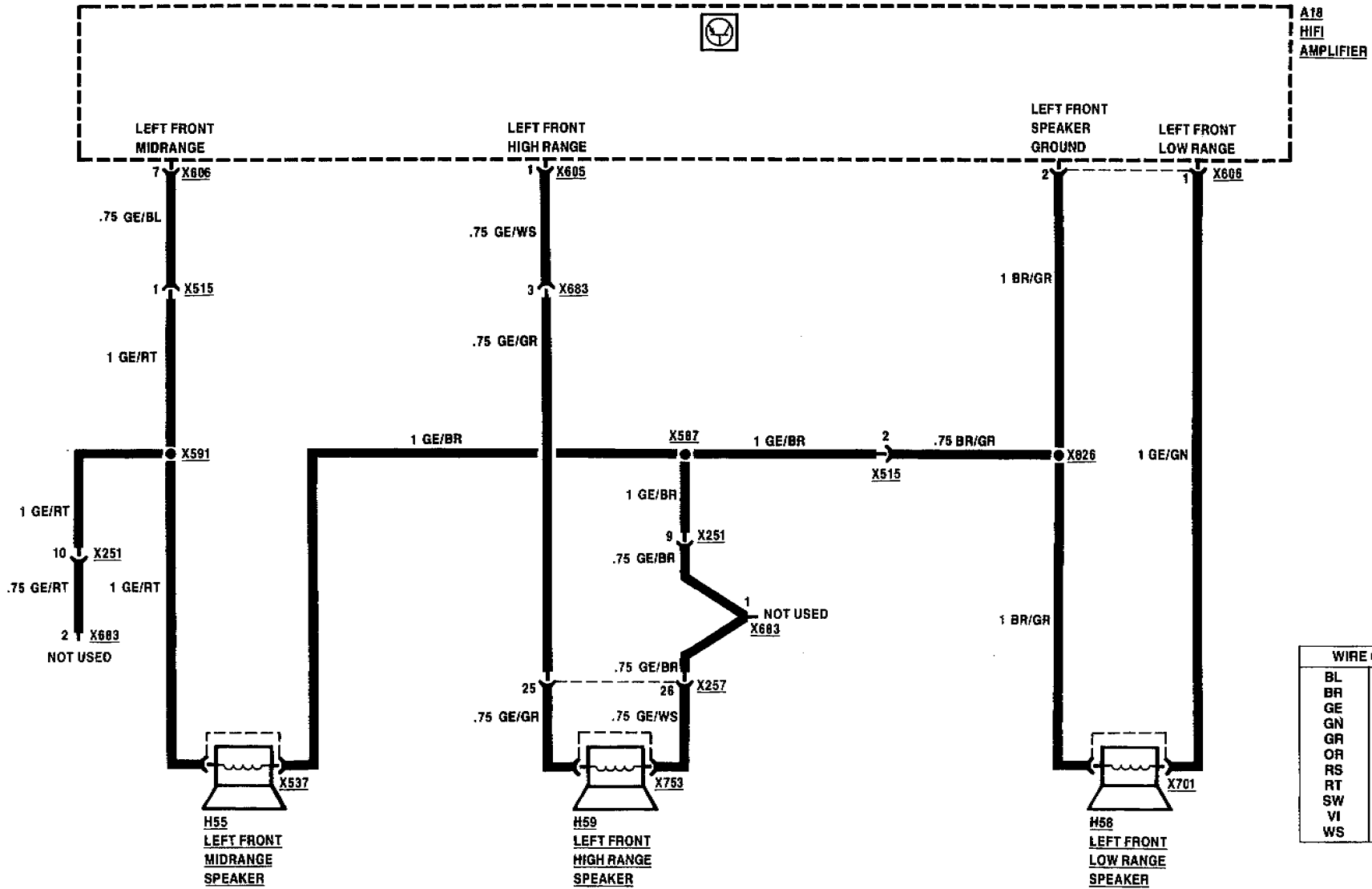
# RADIO

## RADIO WITH TEN SPEAKER SYSTEM



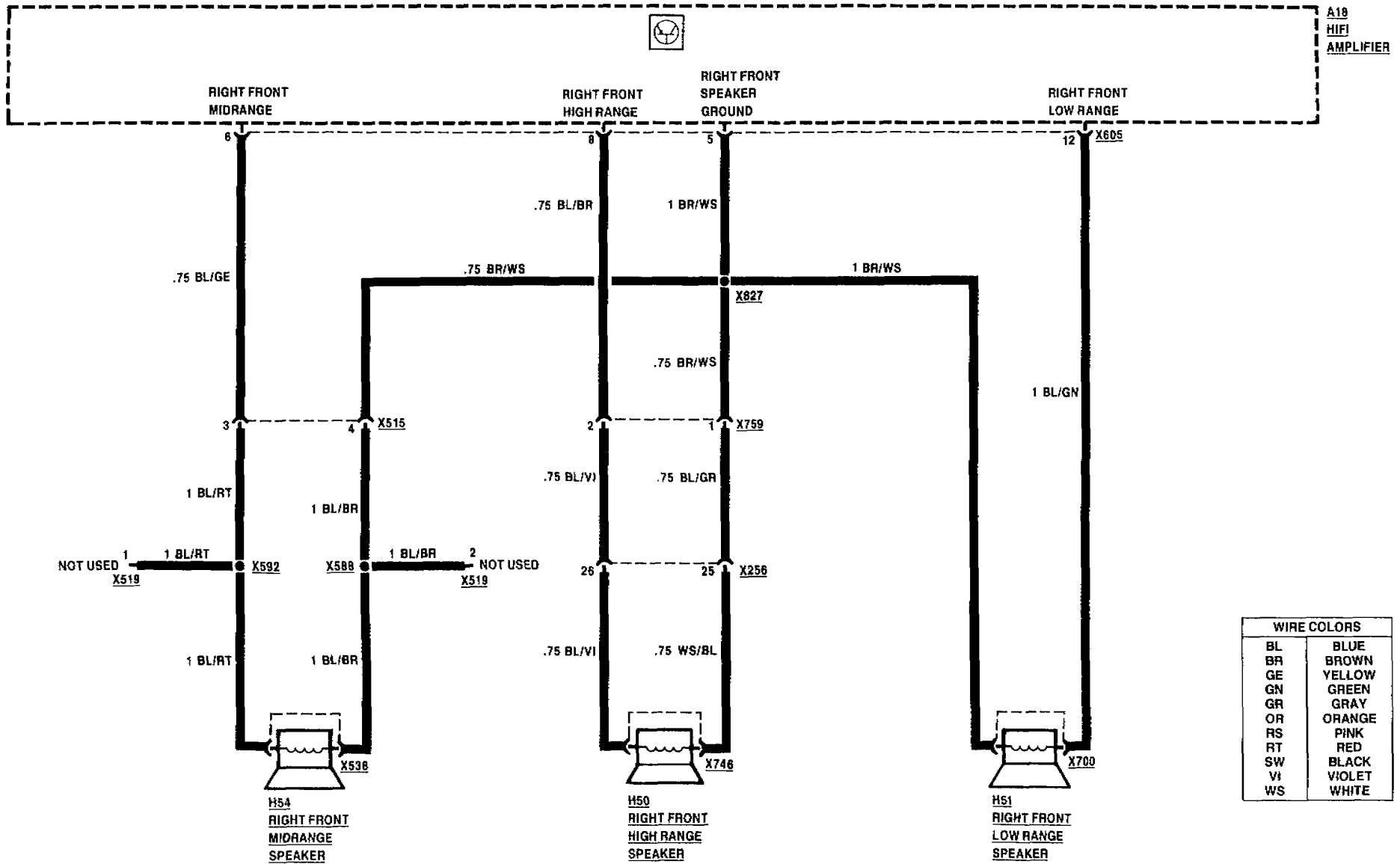


# RADIO TEN SPEAKER SYSTEM



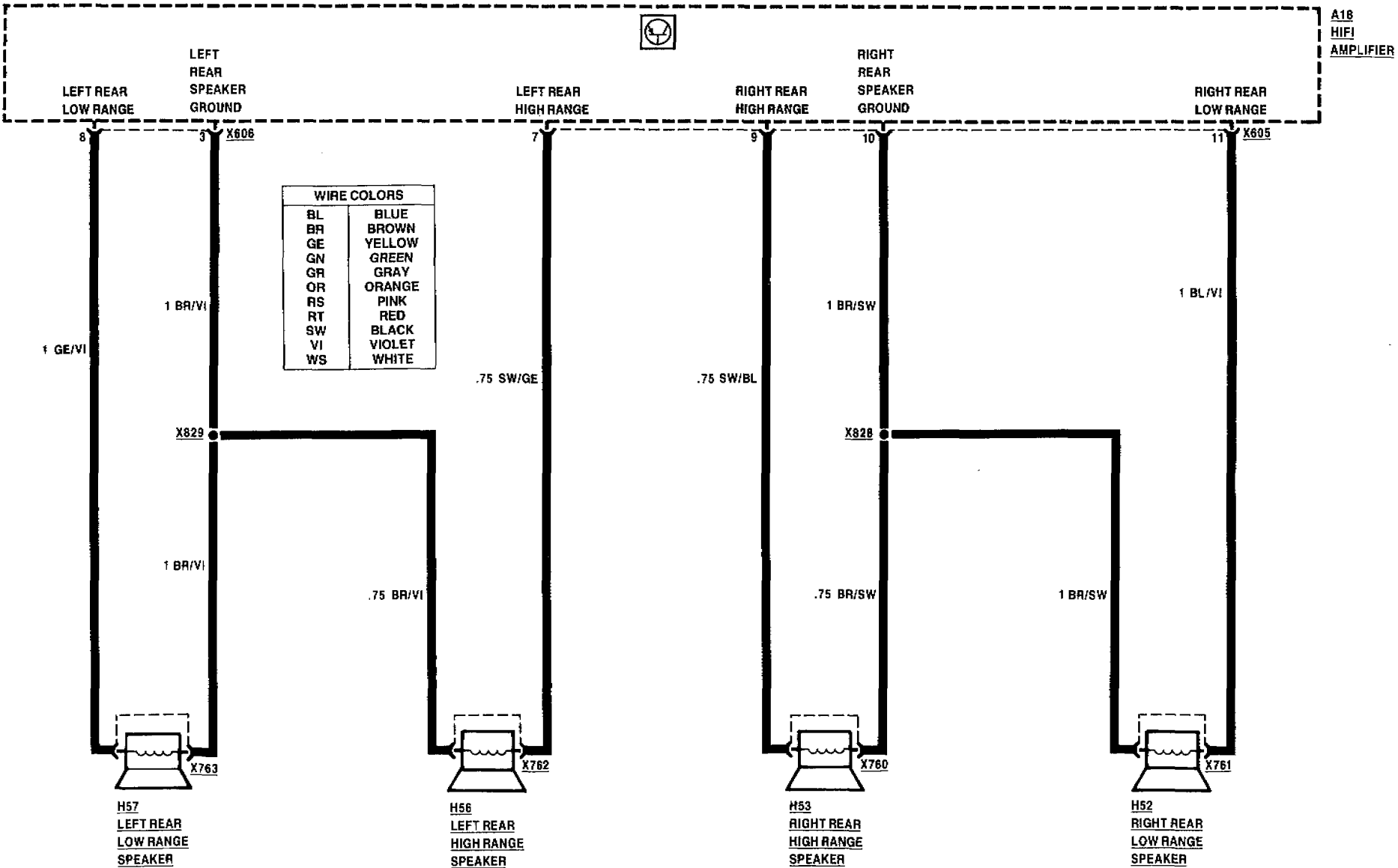


# RADIO TEN SPEAKER SYSTEM



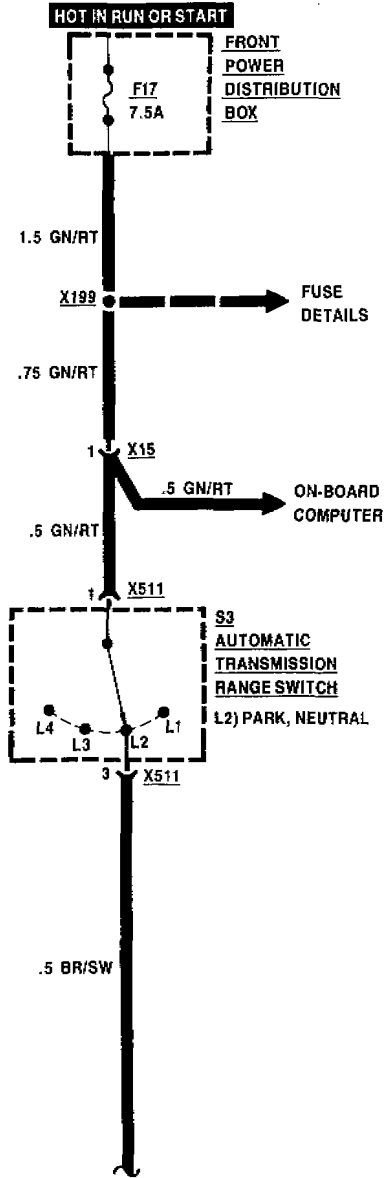


# RADIO TEN SPEAKER SYSTEM

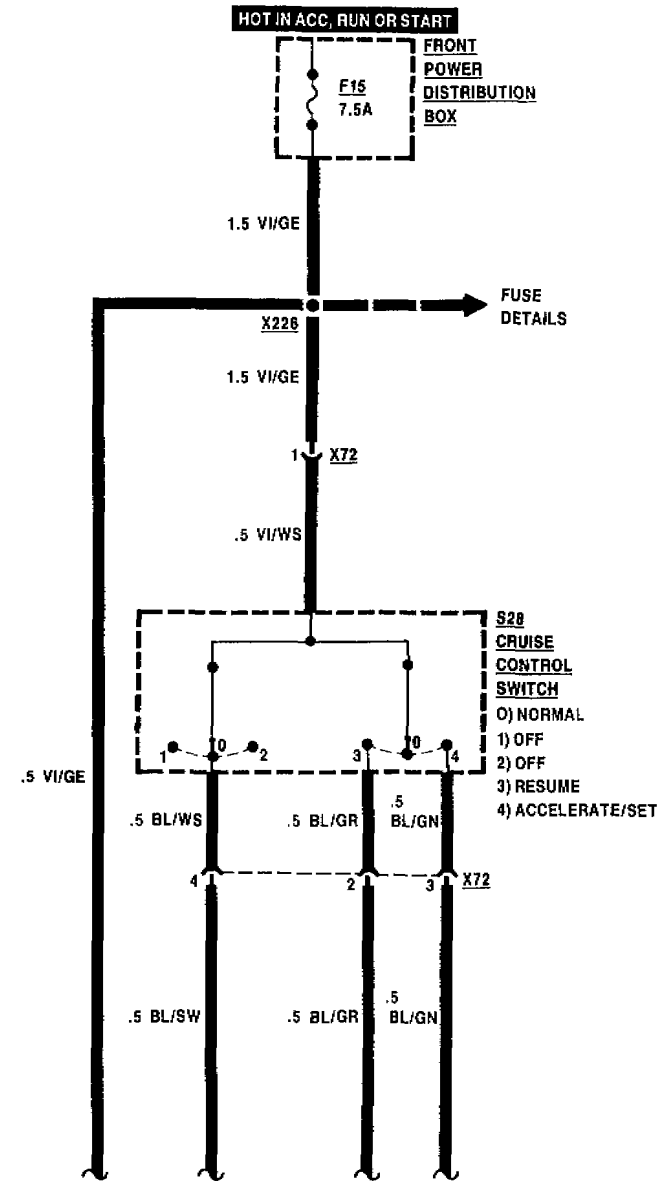


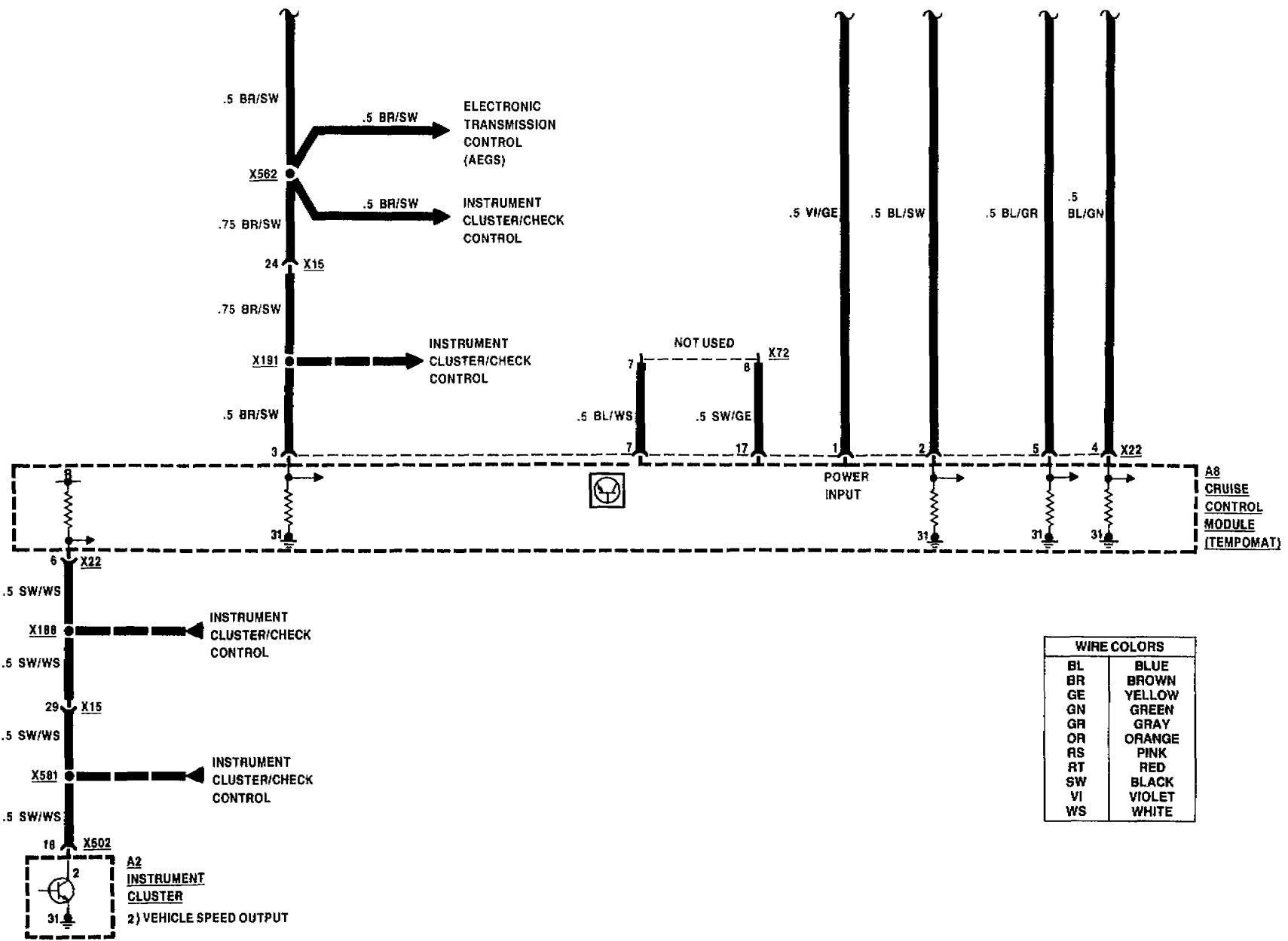


# CRUISE CONTROL (TEMPOMAT)



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



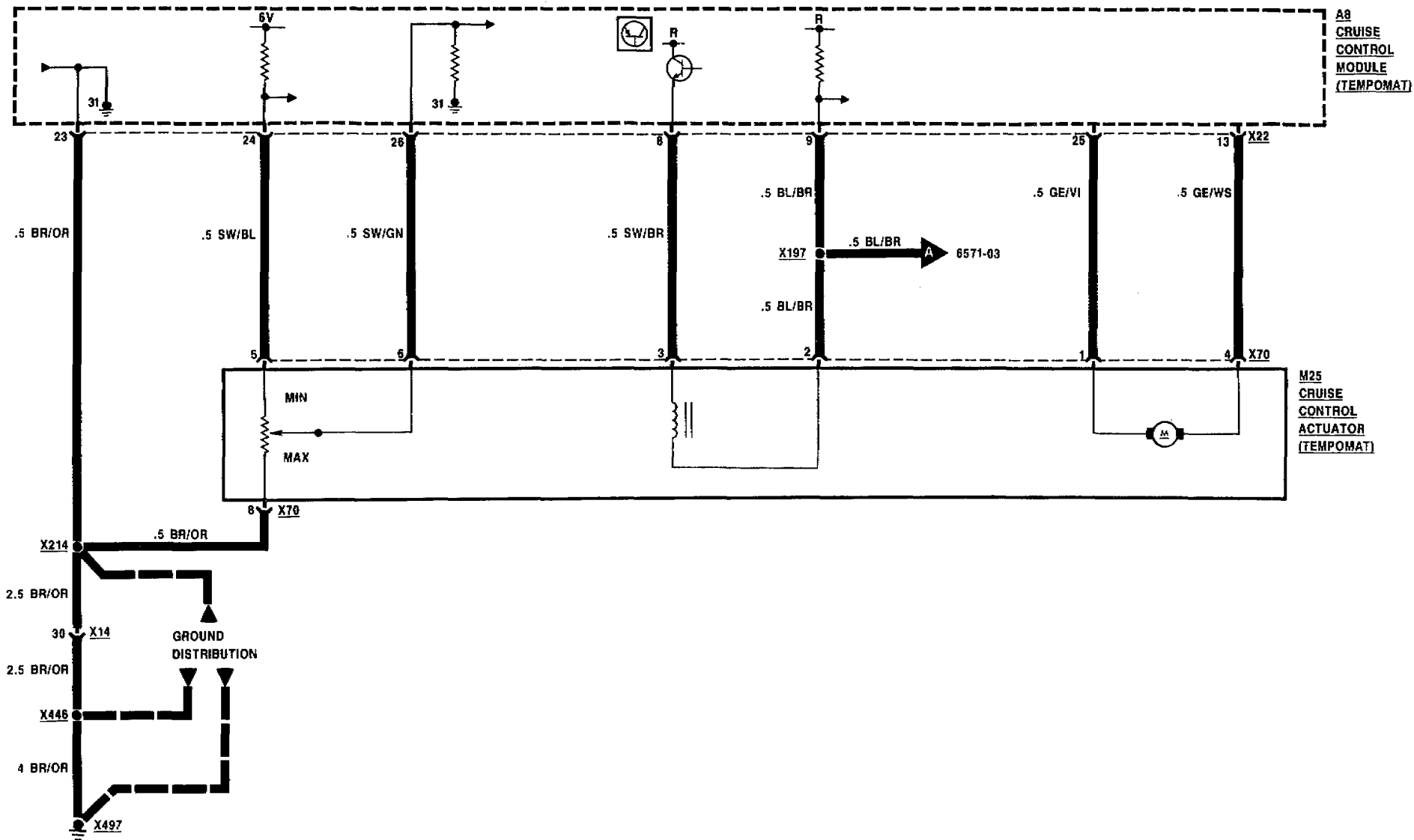


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





# CRUISE CONTROL (TEMPOMAT)



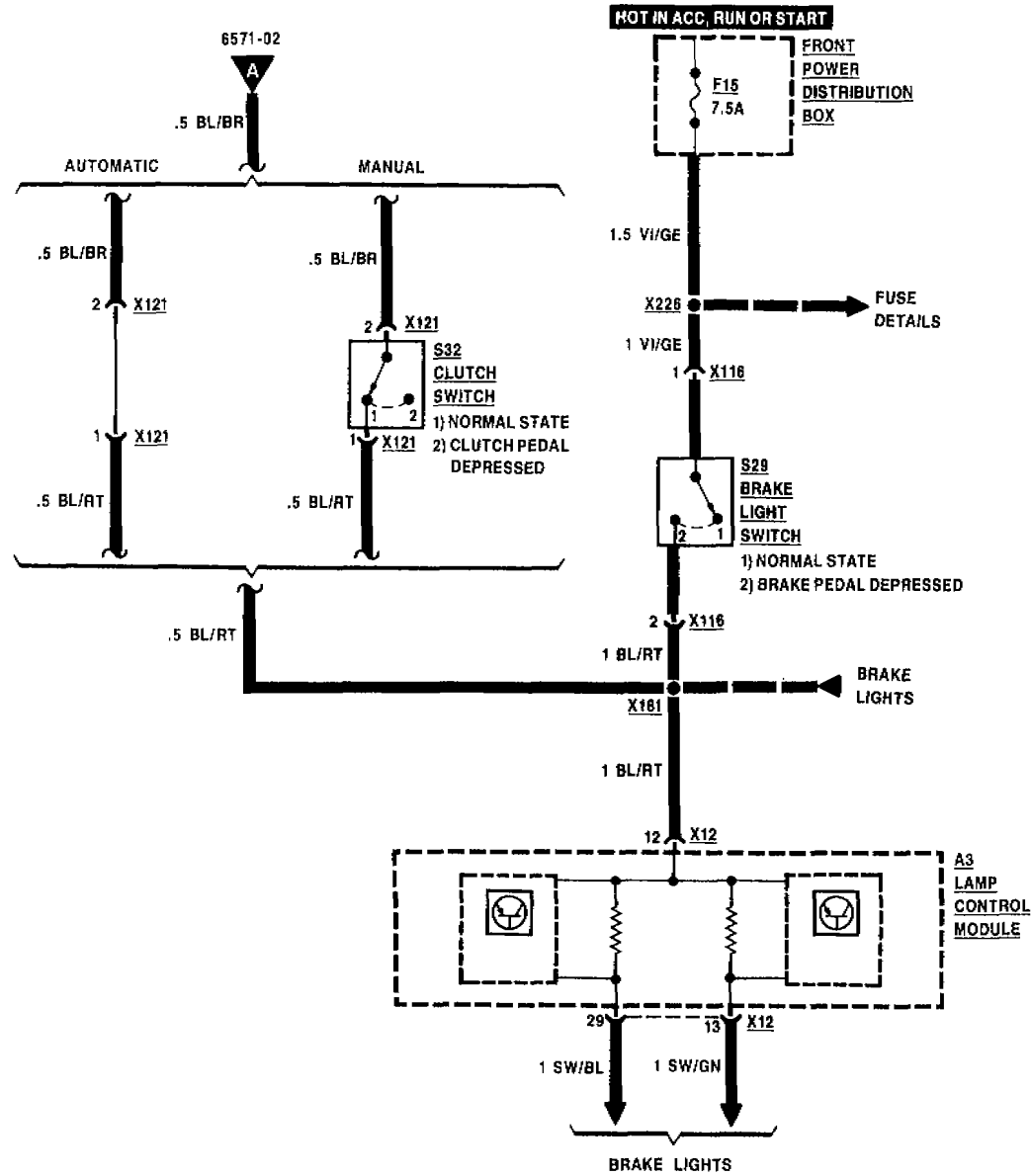
02/87

6571-02

1988



# CRUISE CONTROL (TEMPOMAT)

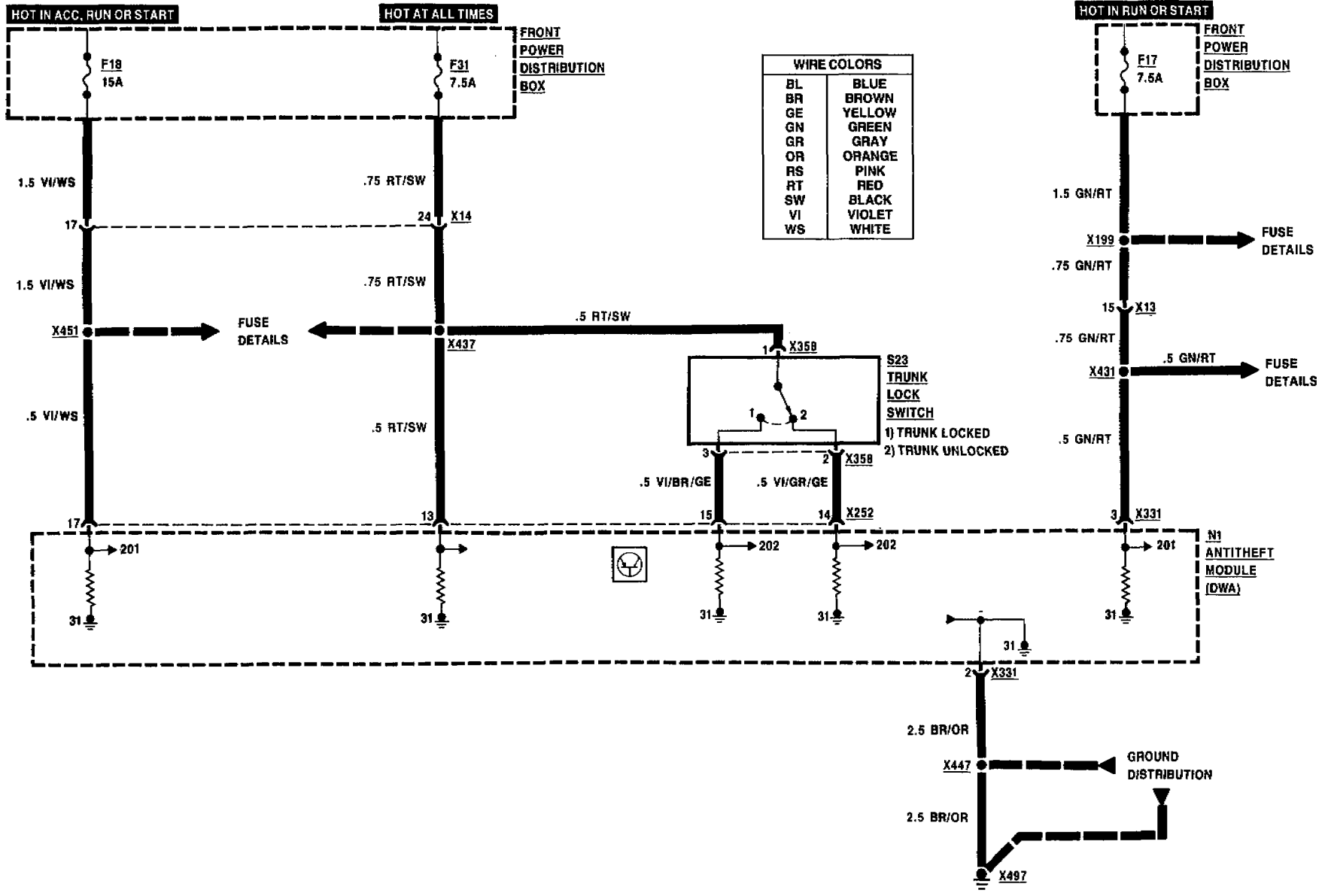


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# ANTITHEFT SYSTEM (DWA)

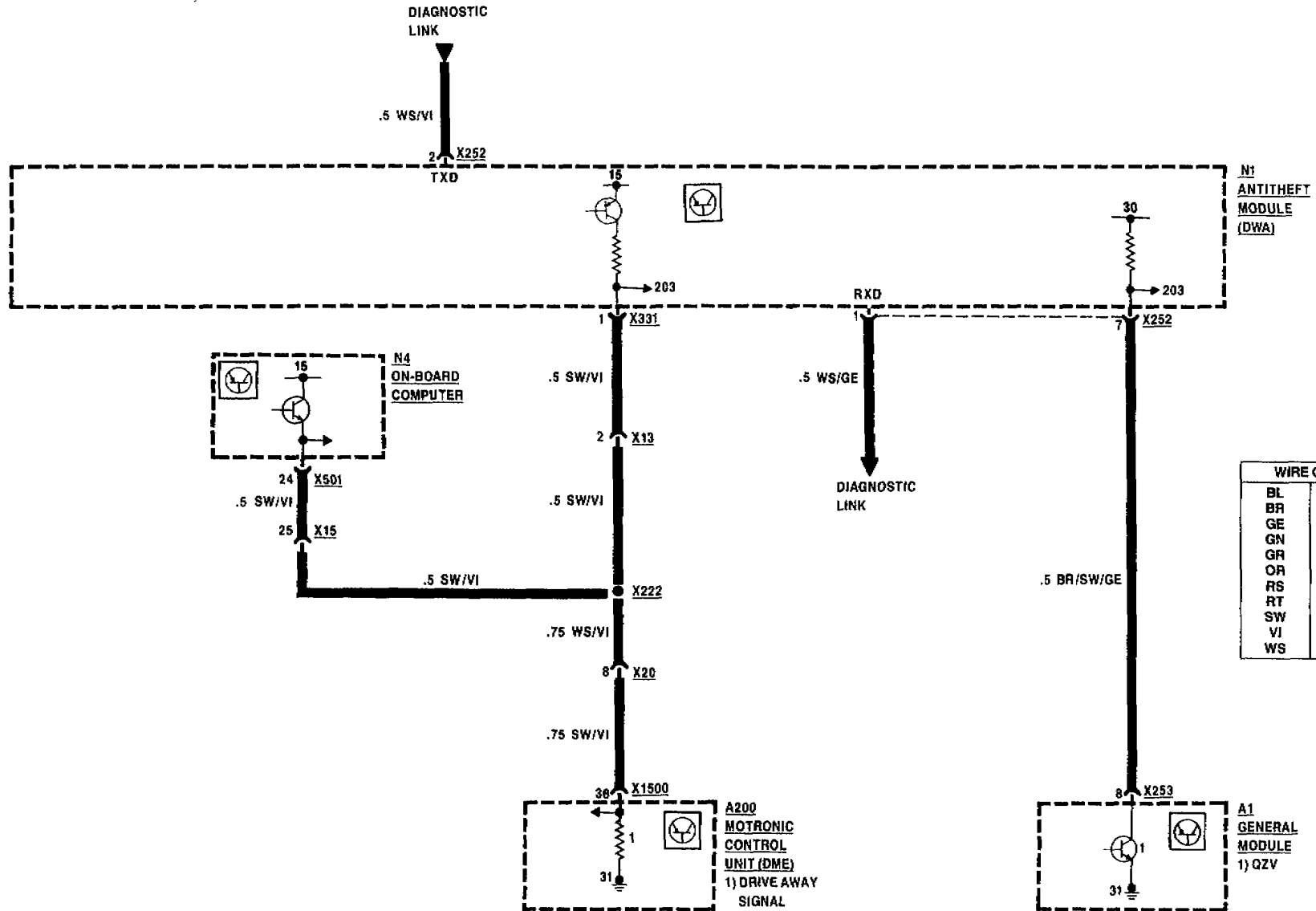
## POWER, TRUNK INPUT





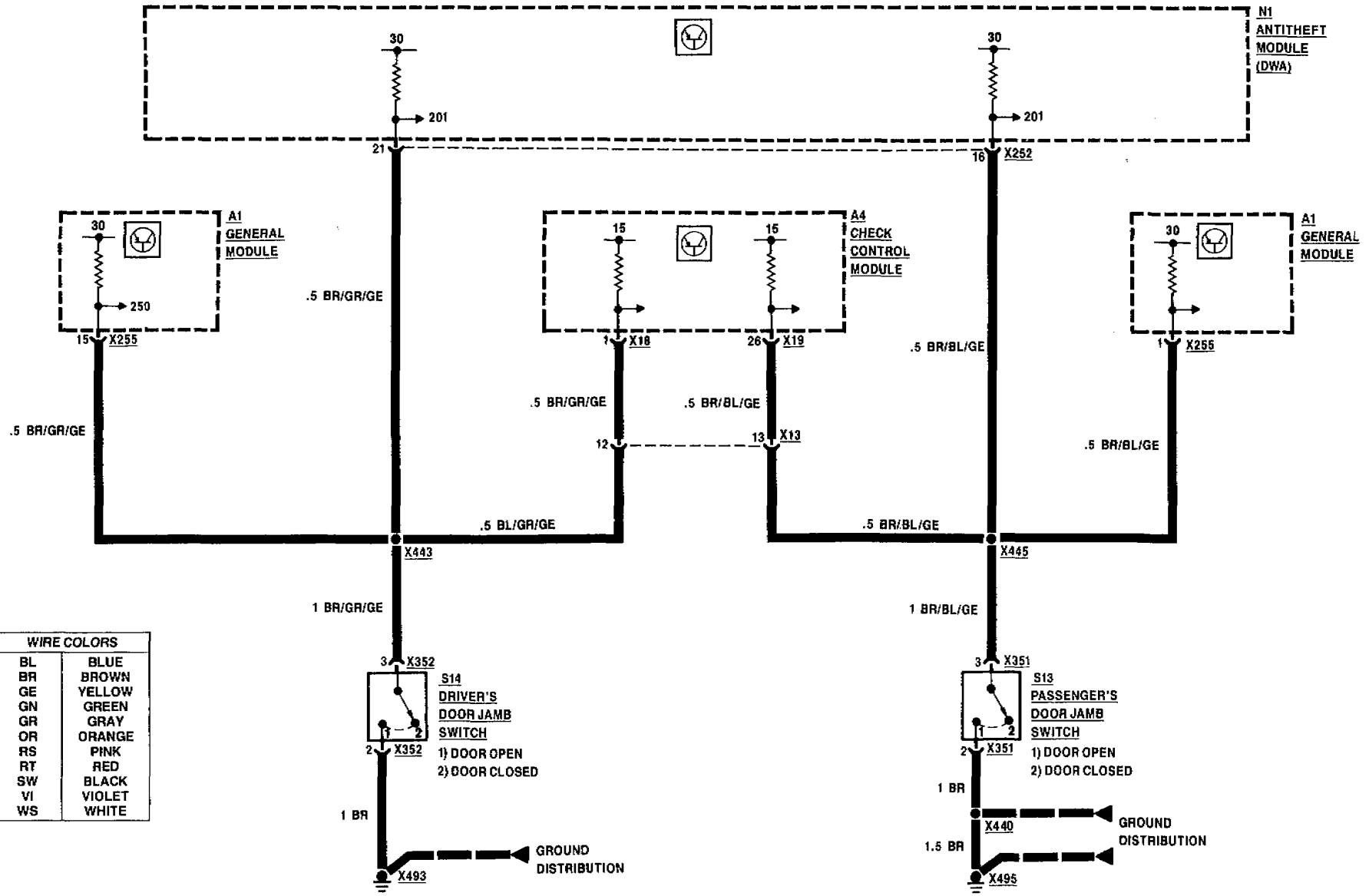
# ANTITHEFT SYSTEM (DWA)

## DIAGNOSTIC LINK, DRIVE AWAY PROTECTION, QZV





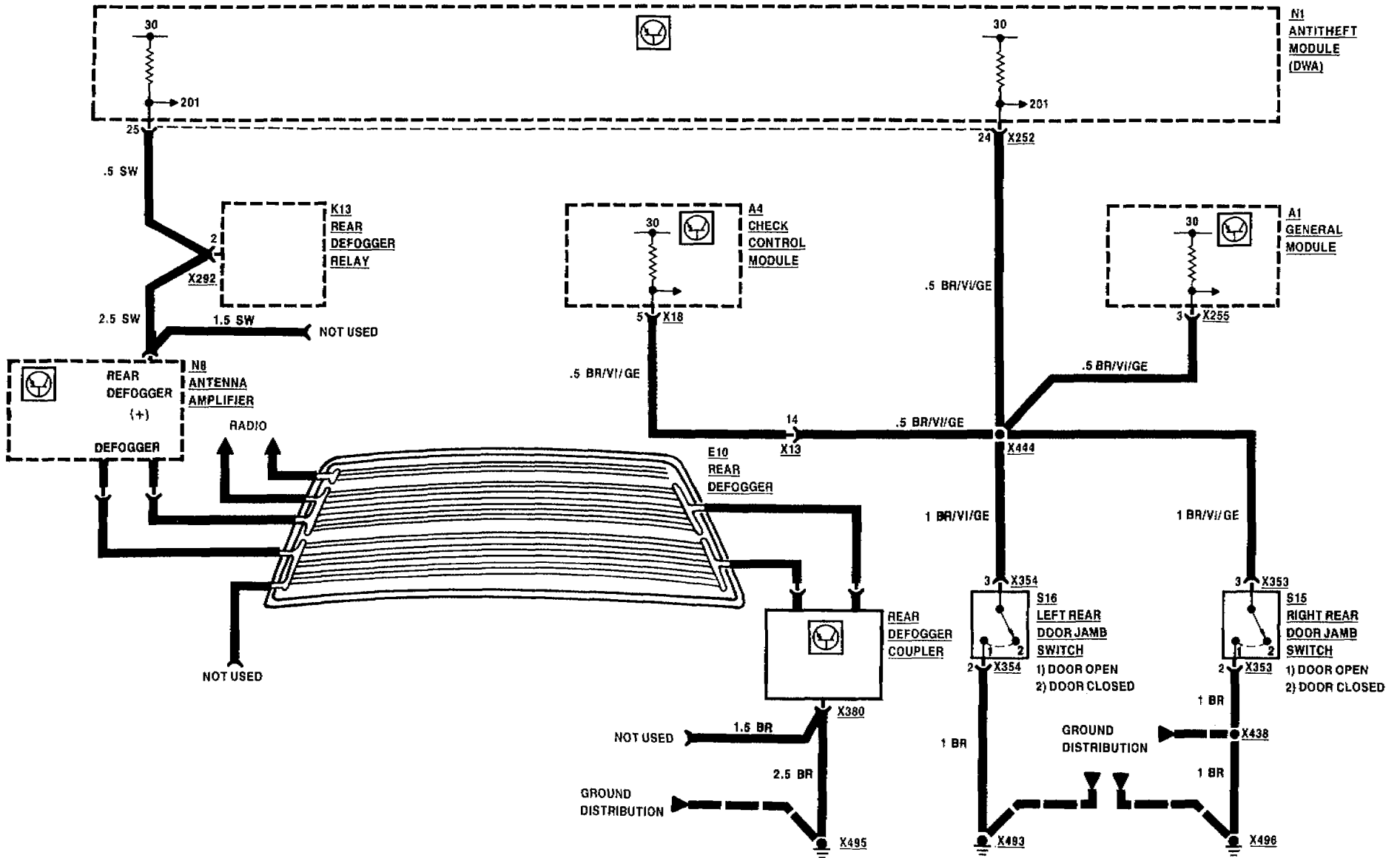
# ANTITHEFT SYSTEM (DWA) FRONT DOOR JAMB SWITCHES





# ANTITHEFT SYSTEM (DWA)

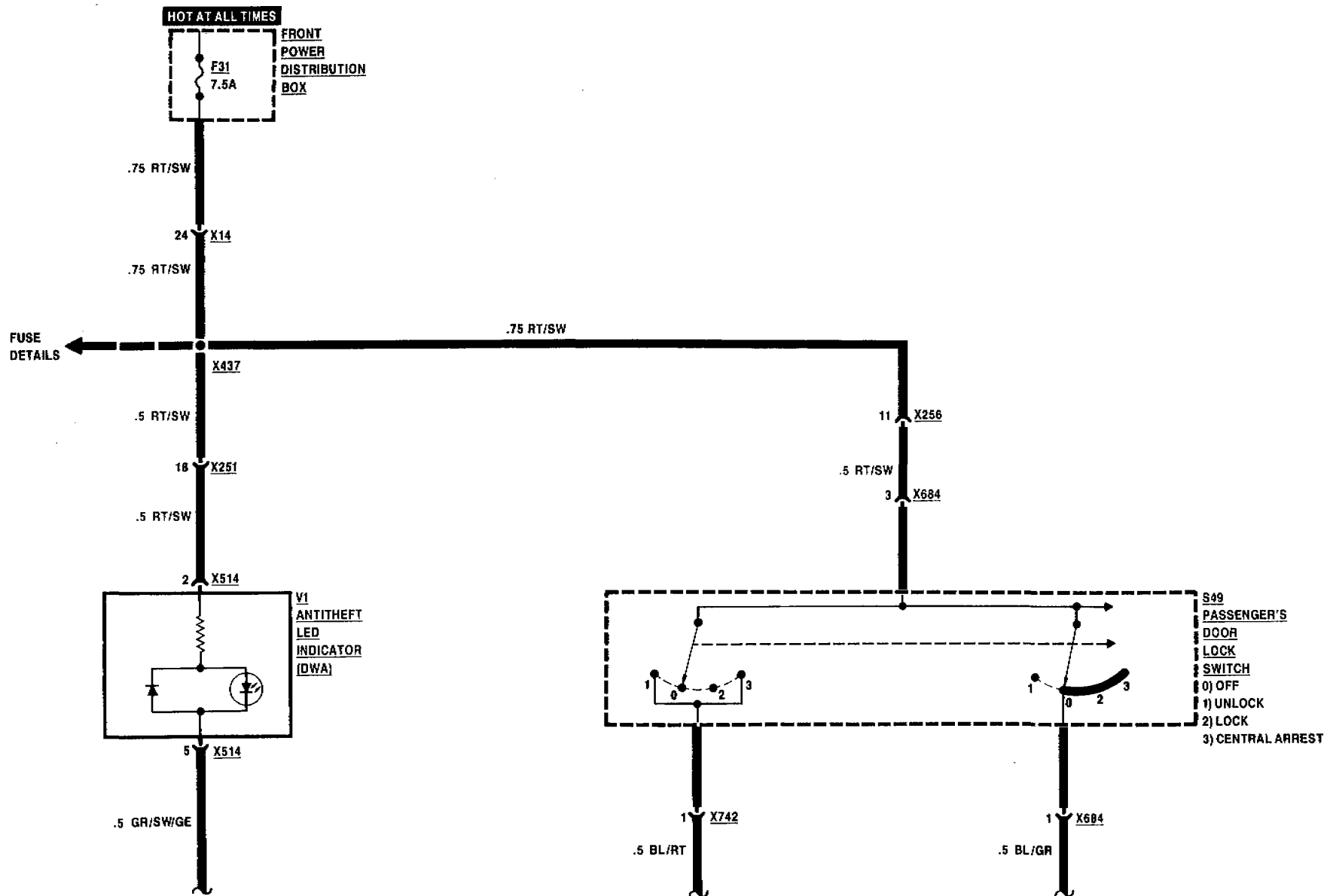
## REAR DOOR AND REAR WINDOW PROTECTION

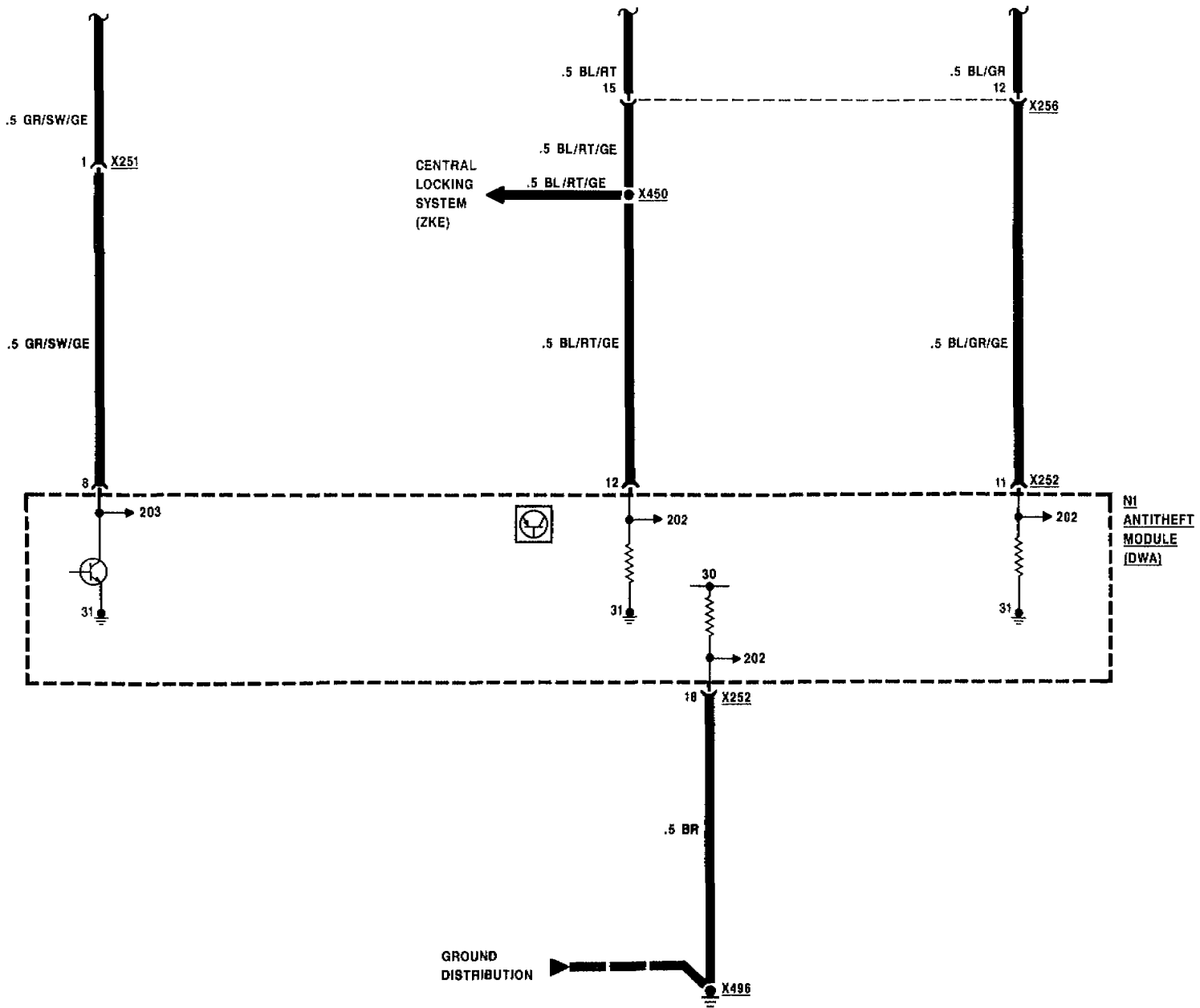




# ANTITHEFT SYSTEM (DWA)

## CODING PLUG, INDICATOR, PASSENGER'S DOOR INPUTS

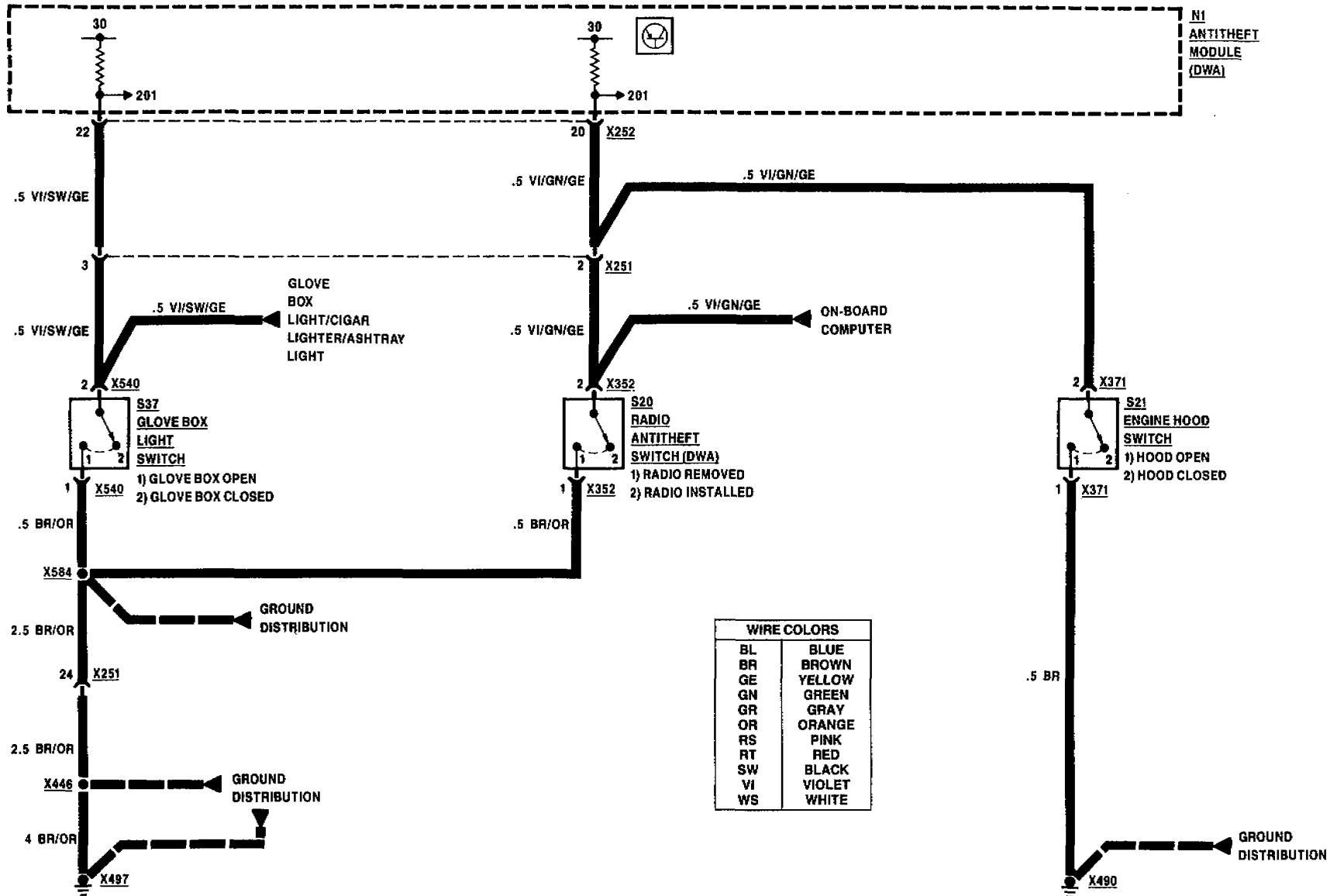








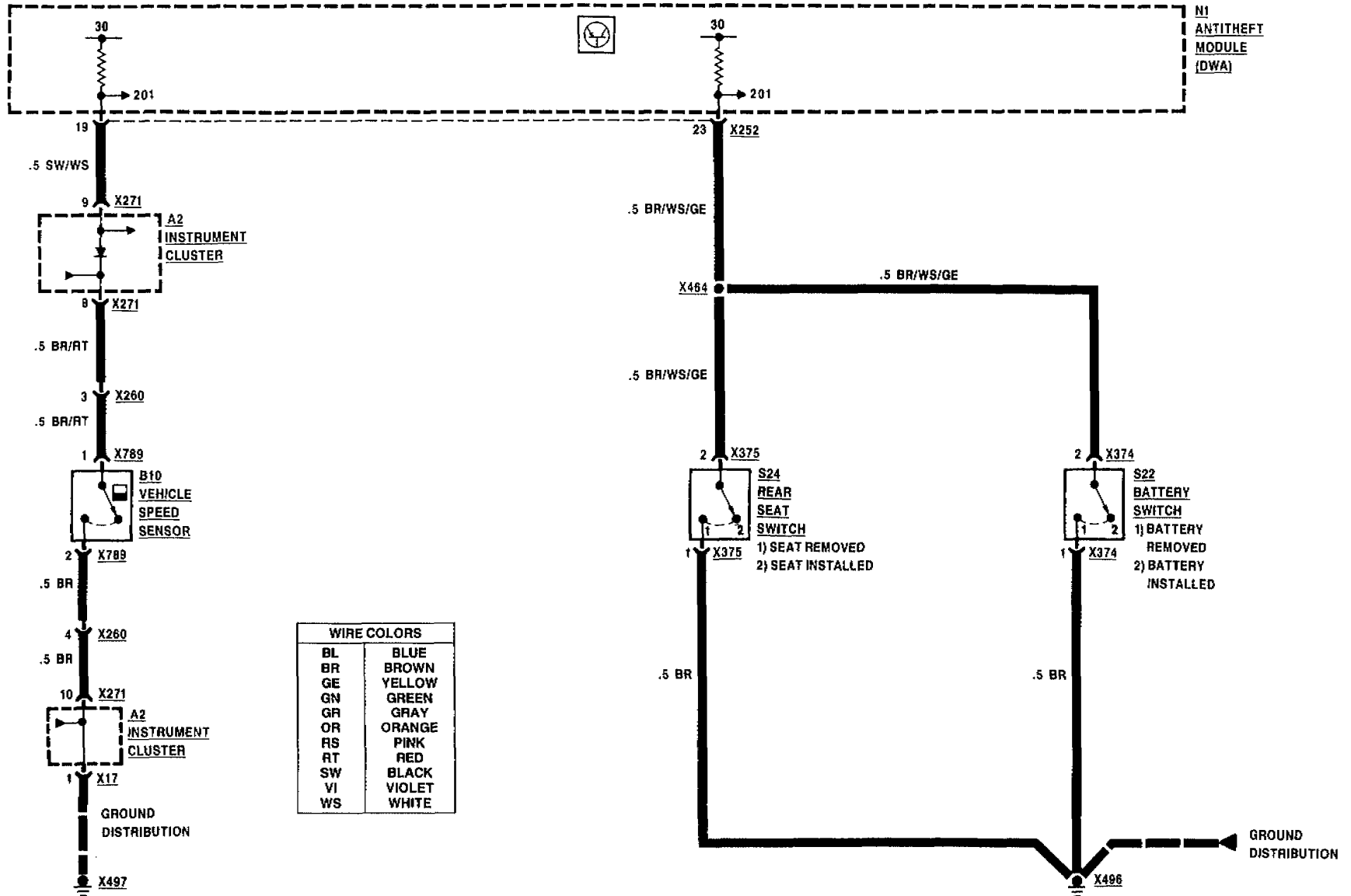
# ANTITHEFT SYSTEM (DWA) GLOVE BOX, RADIO, ENGINE HOOD INPUTS





# ANTITHEFT SYSTEM (DWA)

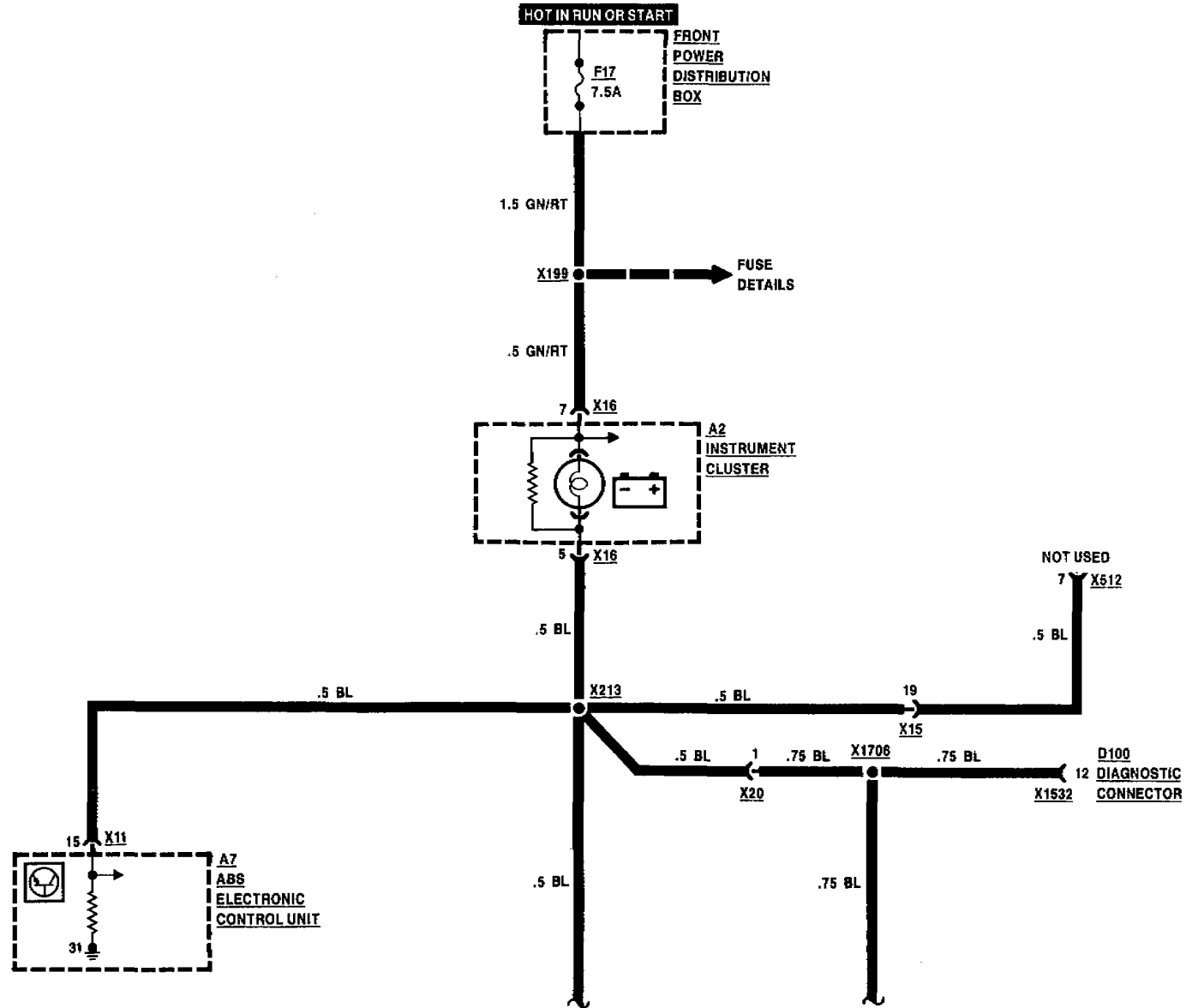
## BATTERY, REAR SEAT, MOTION INPUTS

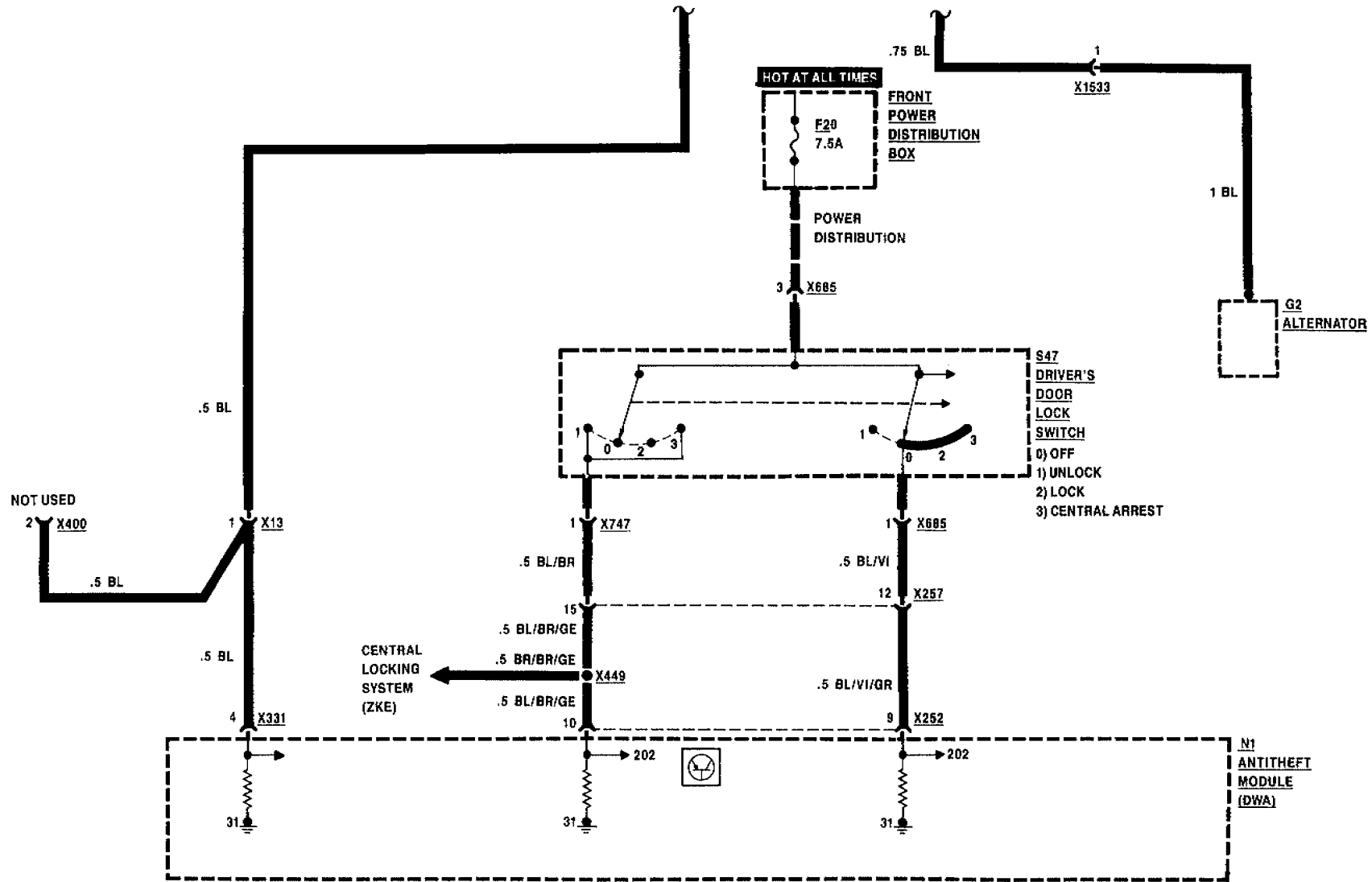




# ANTITHEFT SYSTEM (DWA)

## ENGINE RUNNING INPUT, DRIVER'S DOOR INPUTS

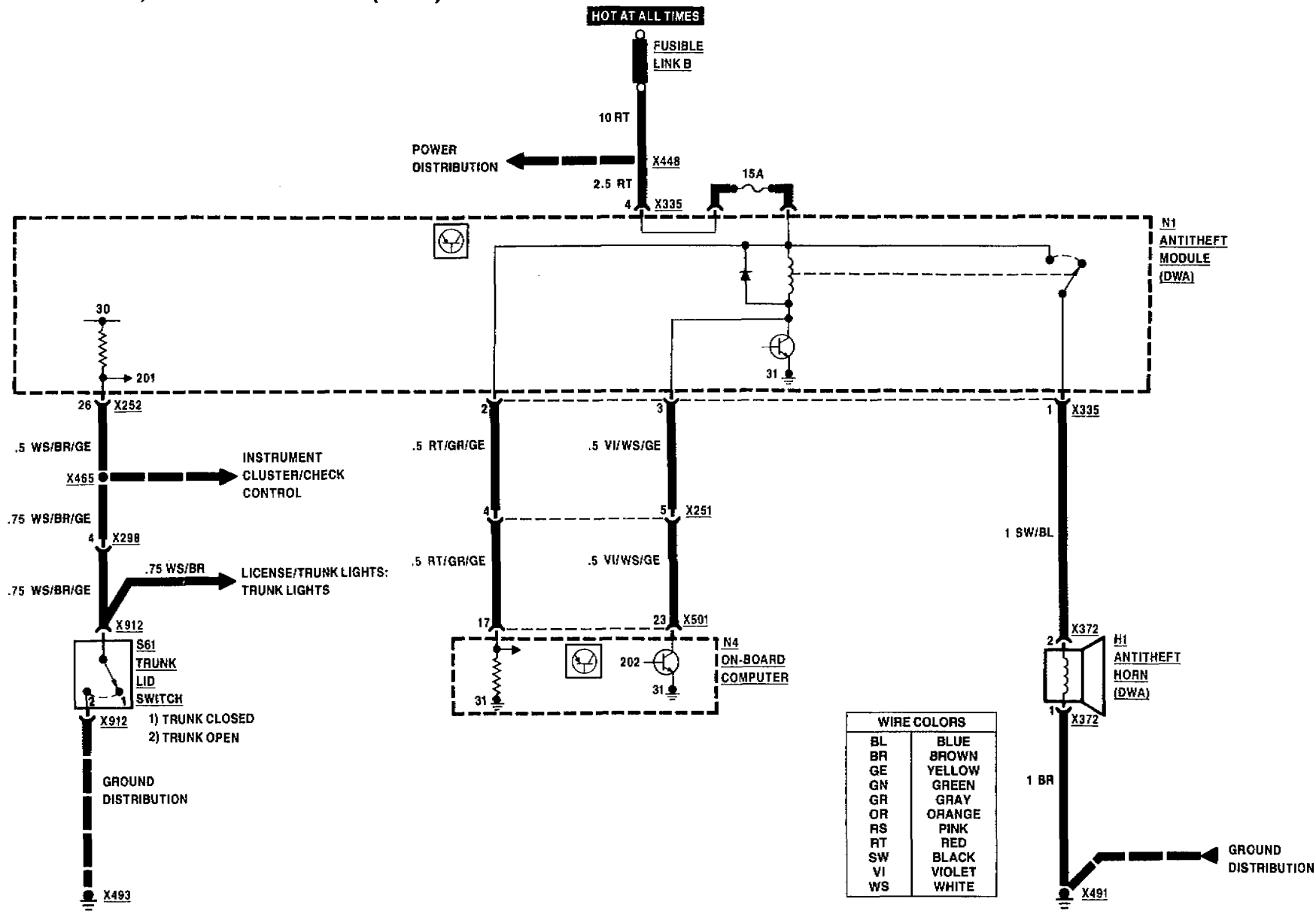






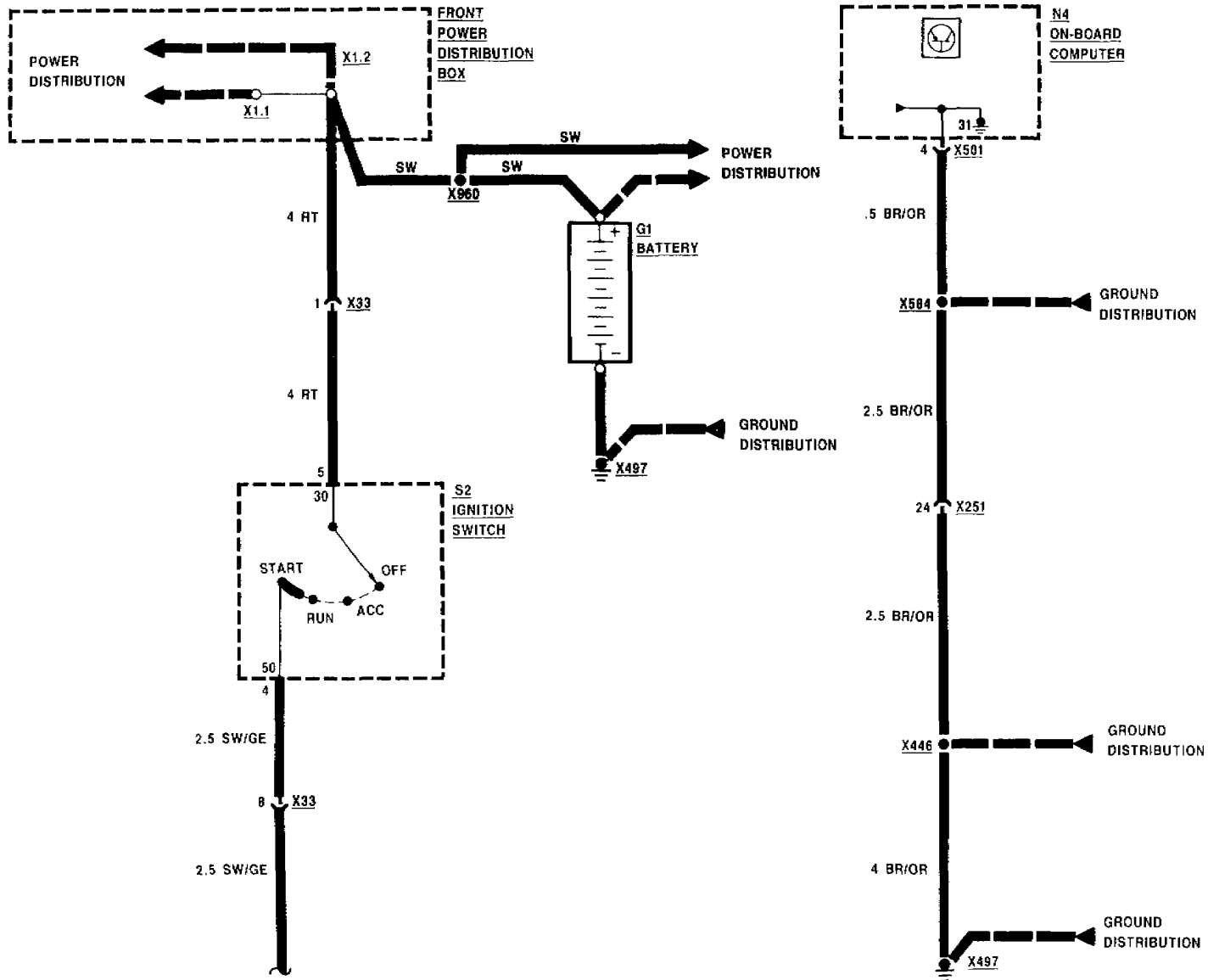
# ANTITHEFT SYSTEM (DWA)

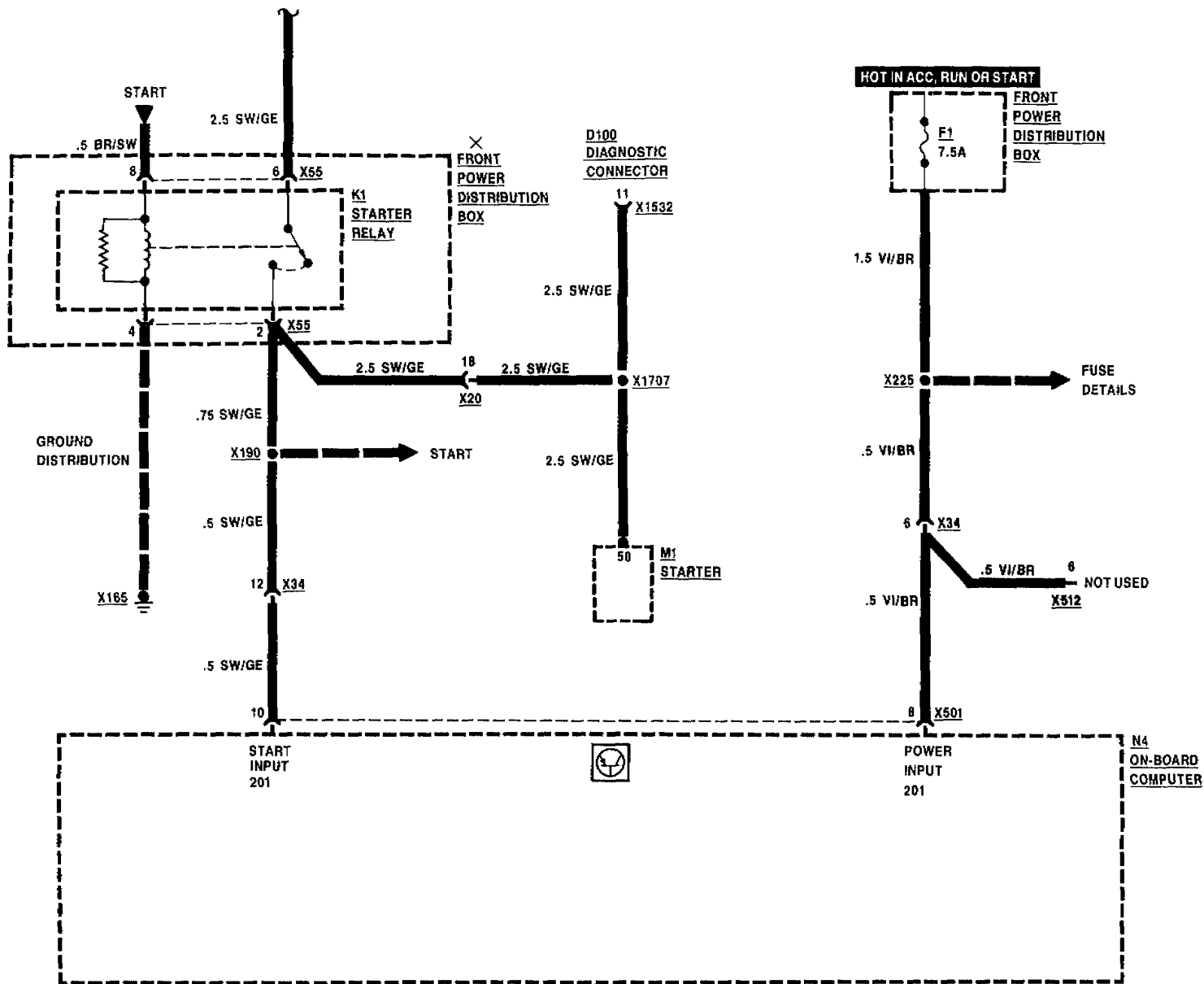
## TRUNK INPUT, ANTITHEFT HORN (DWA)





# ON-BOARD COMPUTER



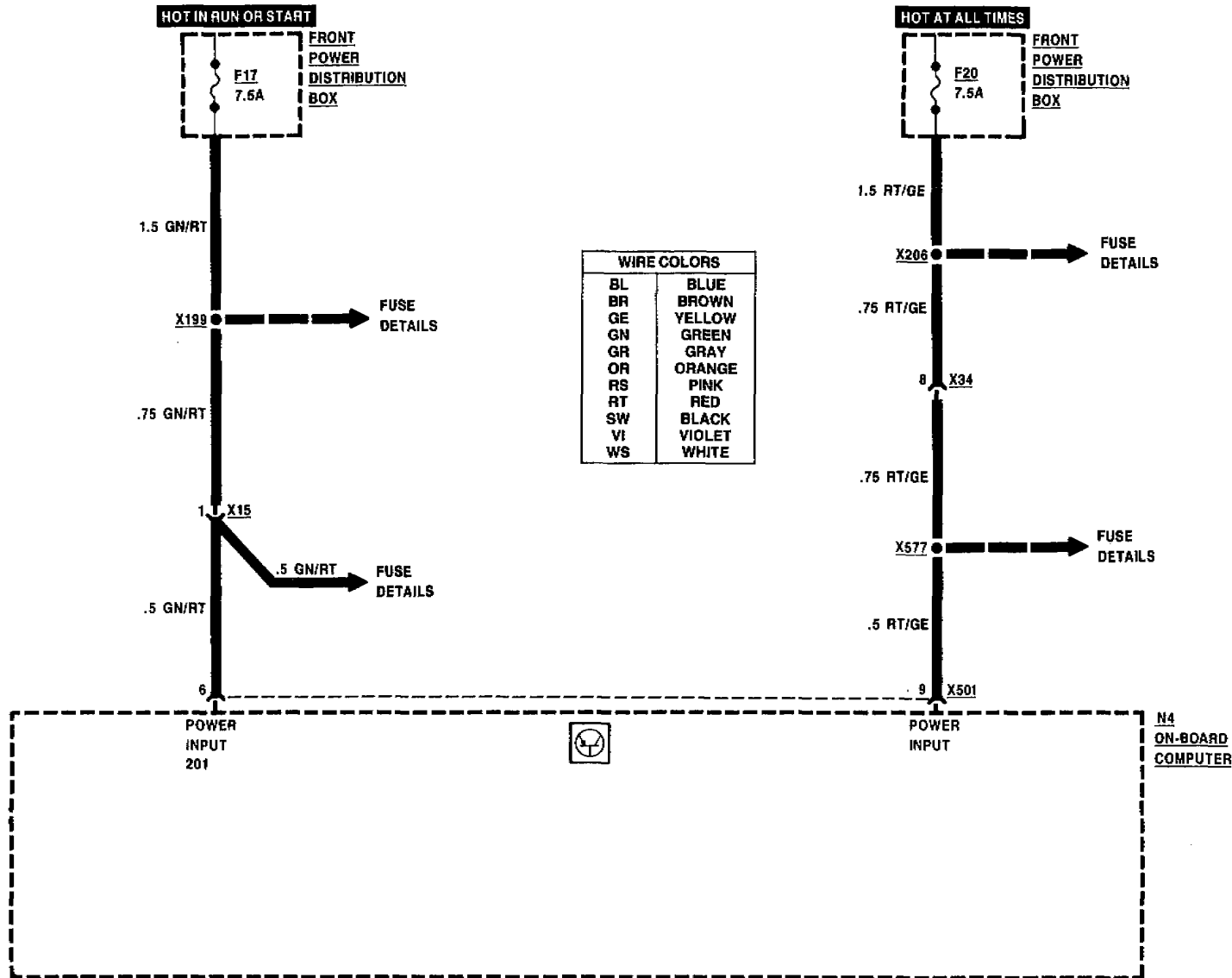


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE

× FOR MANUAL TRANSMISSION WIRING, SEE START



# ON-BOARD COMPUTER

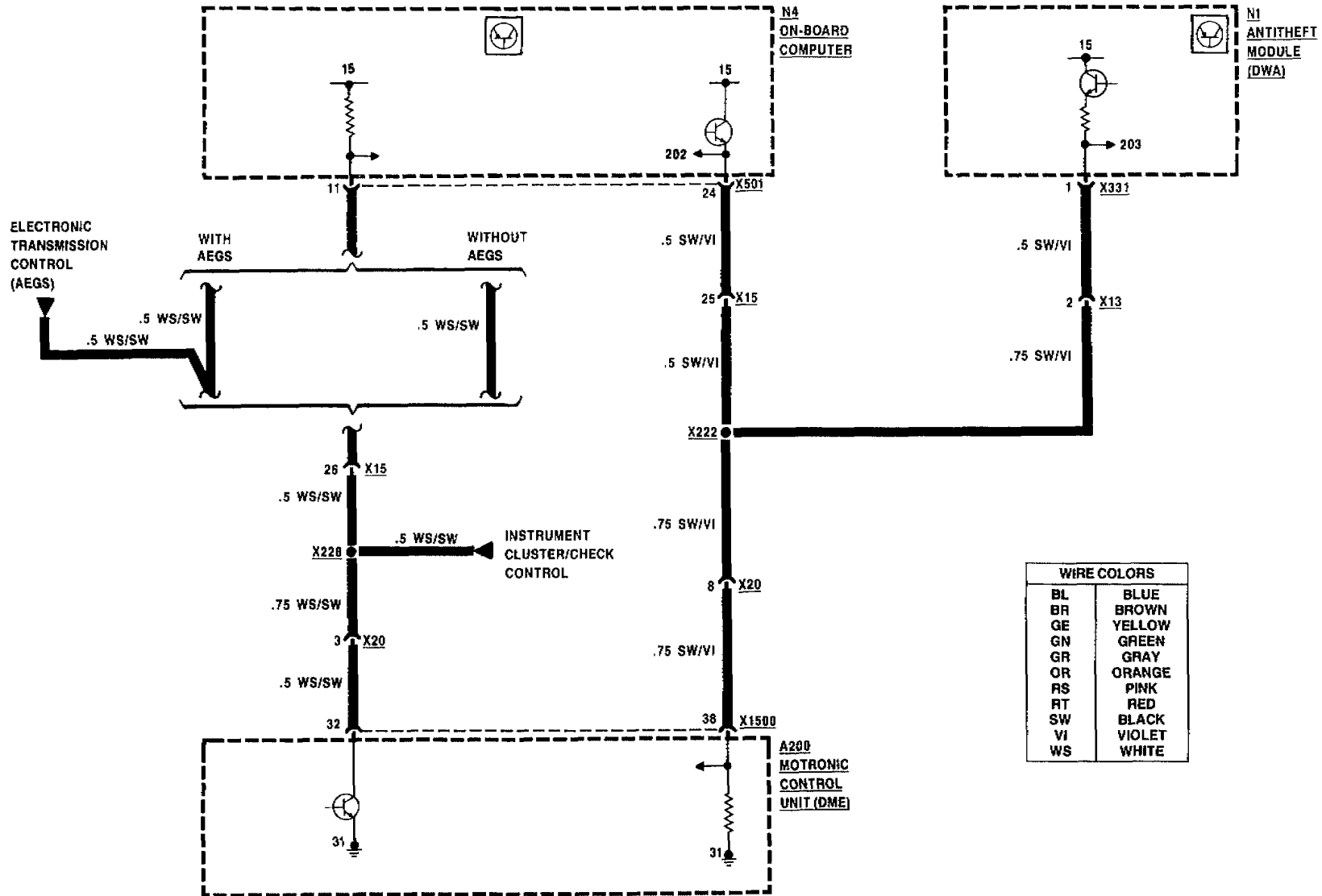






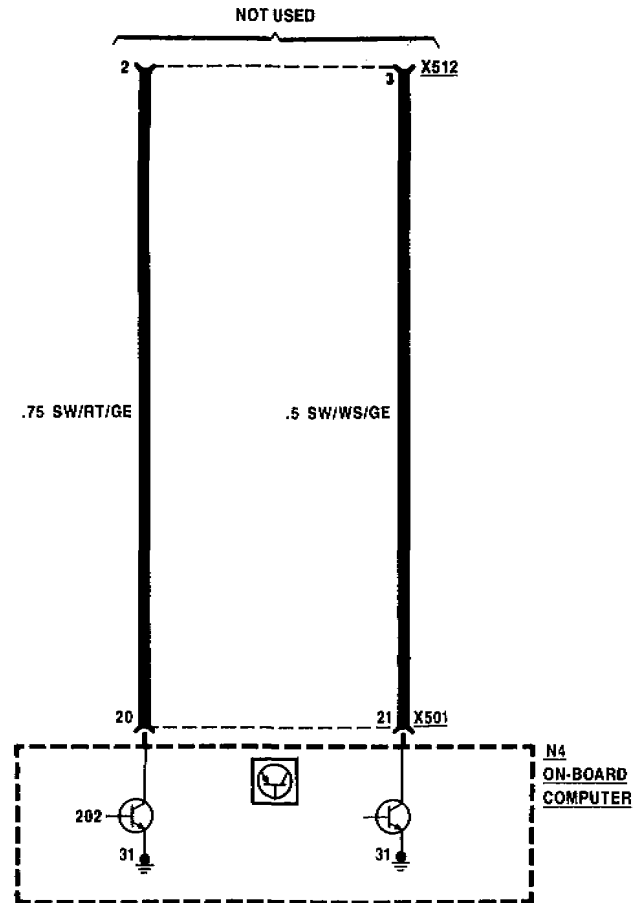
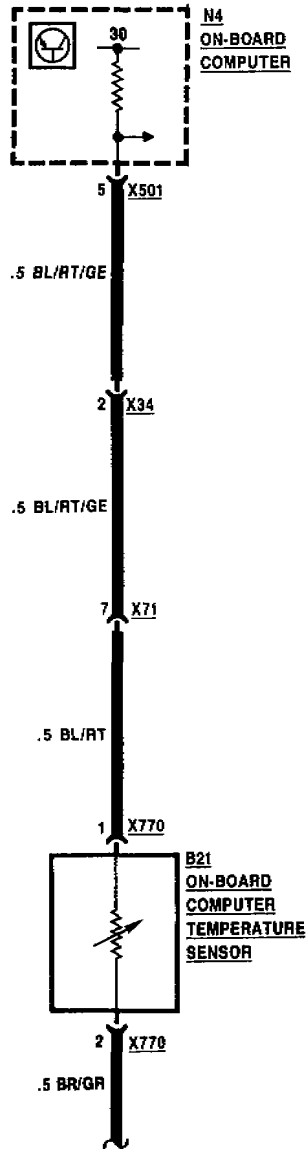
# ON-BOARD COMPUTER

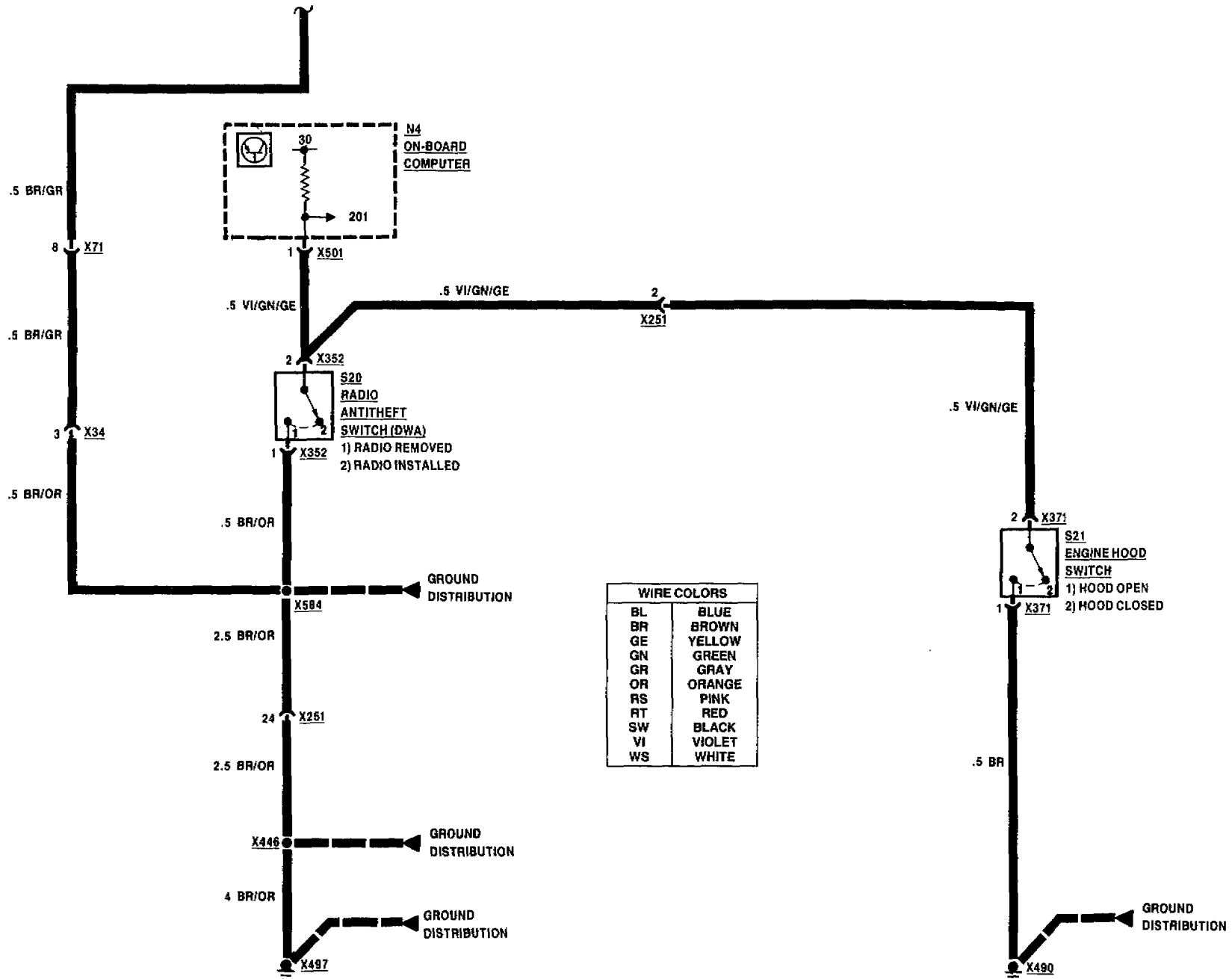
## INJECTION SIGNAL, DRIVING AWAY PROTECTION





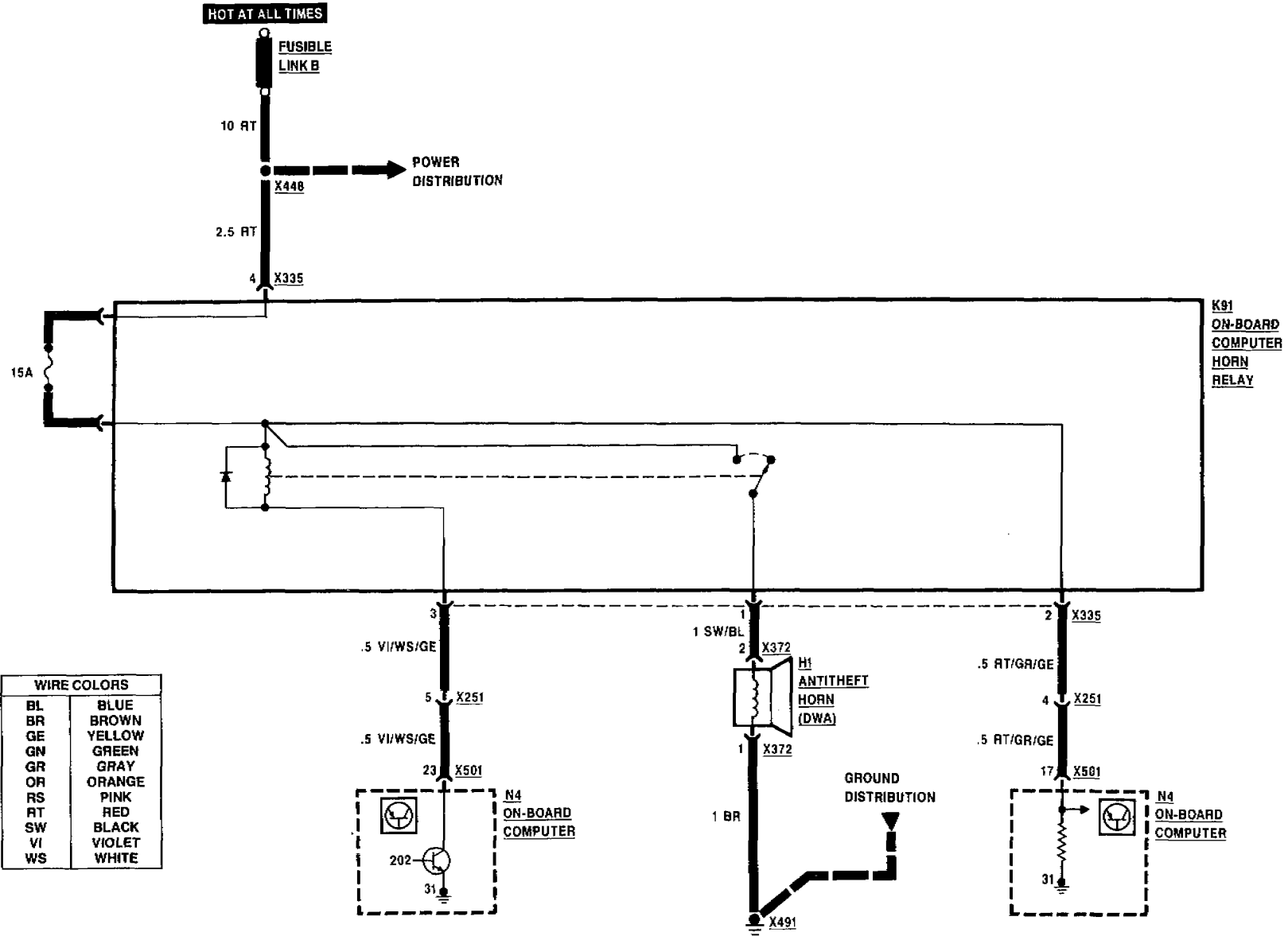
# ON-BOARD COMPUTER







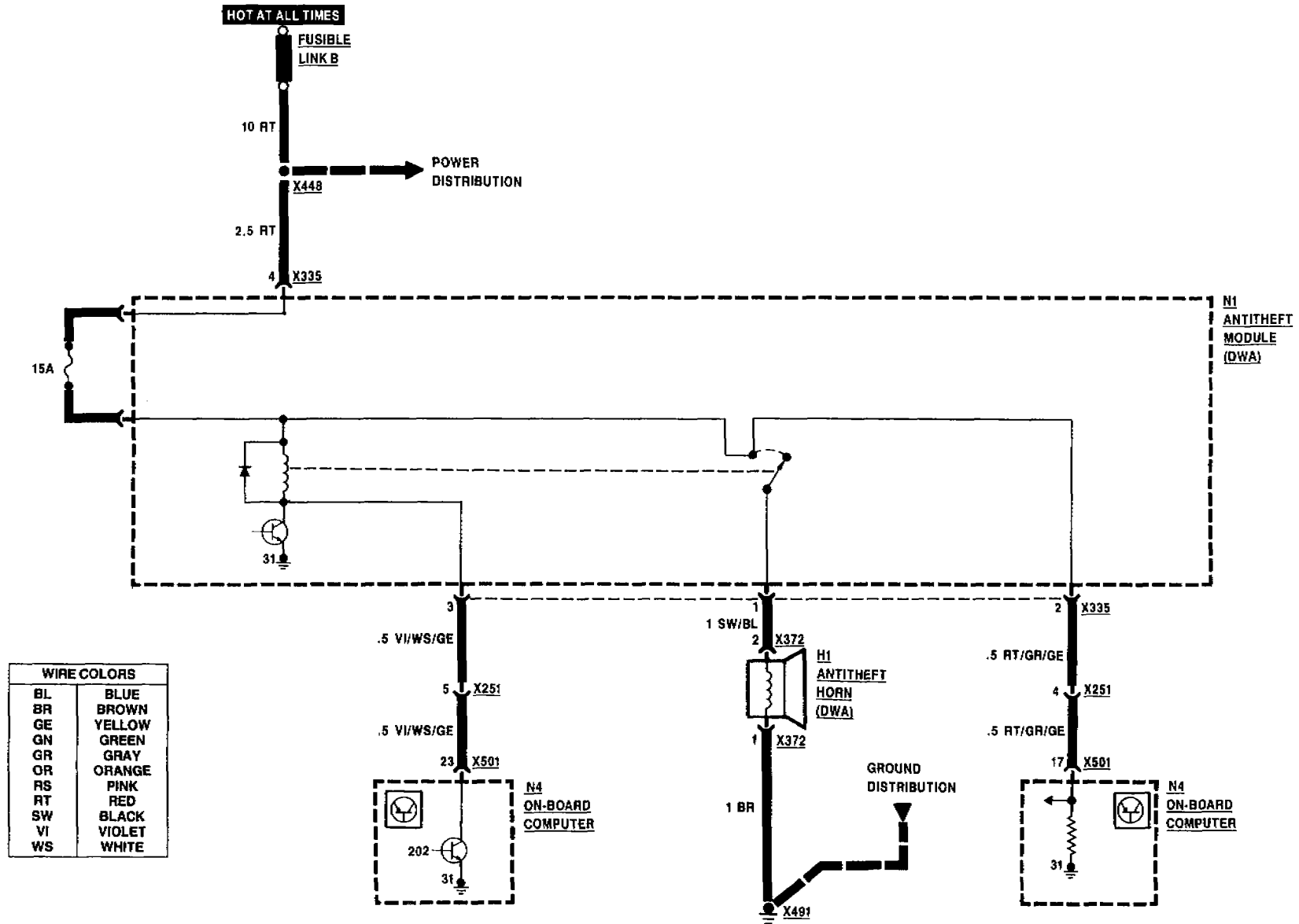
# ON-BOARD COMPUTER ANTITHEFT HORN (WITHOUT DWA)



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

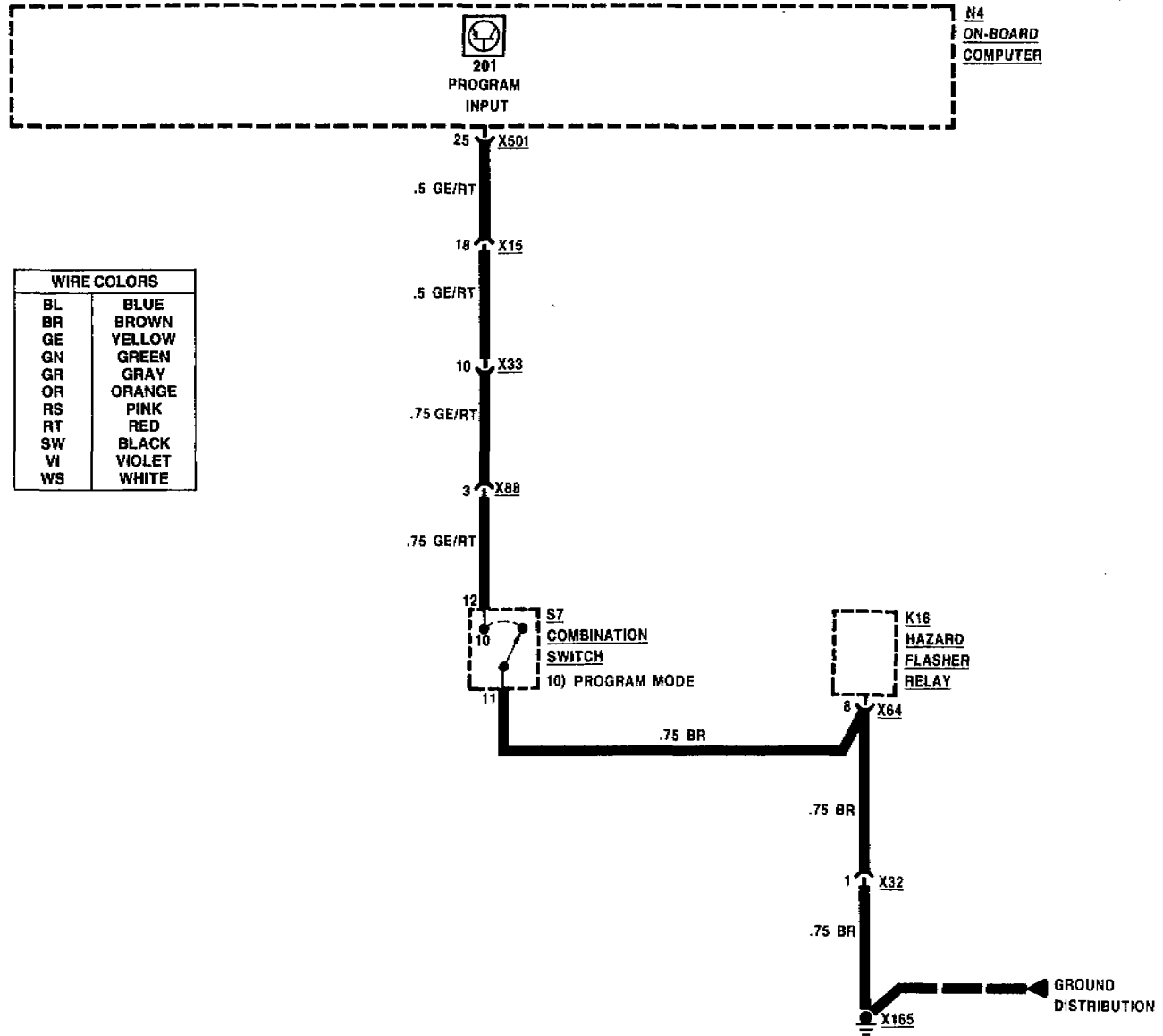


# ON-BOARD COMPUTER ANTITHEFT HORN (WITH DWA)





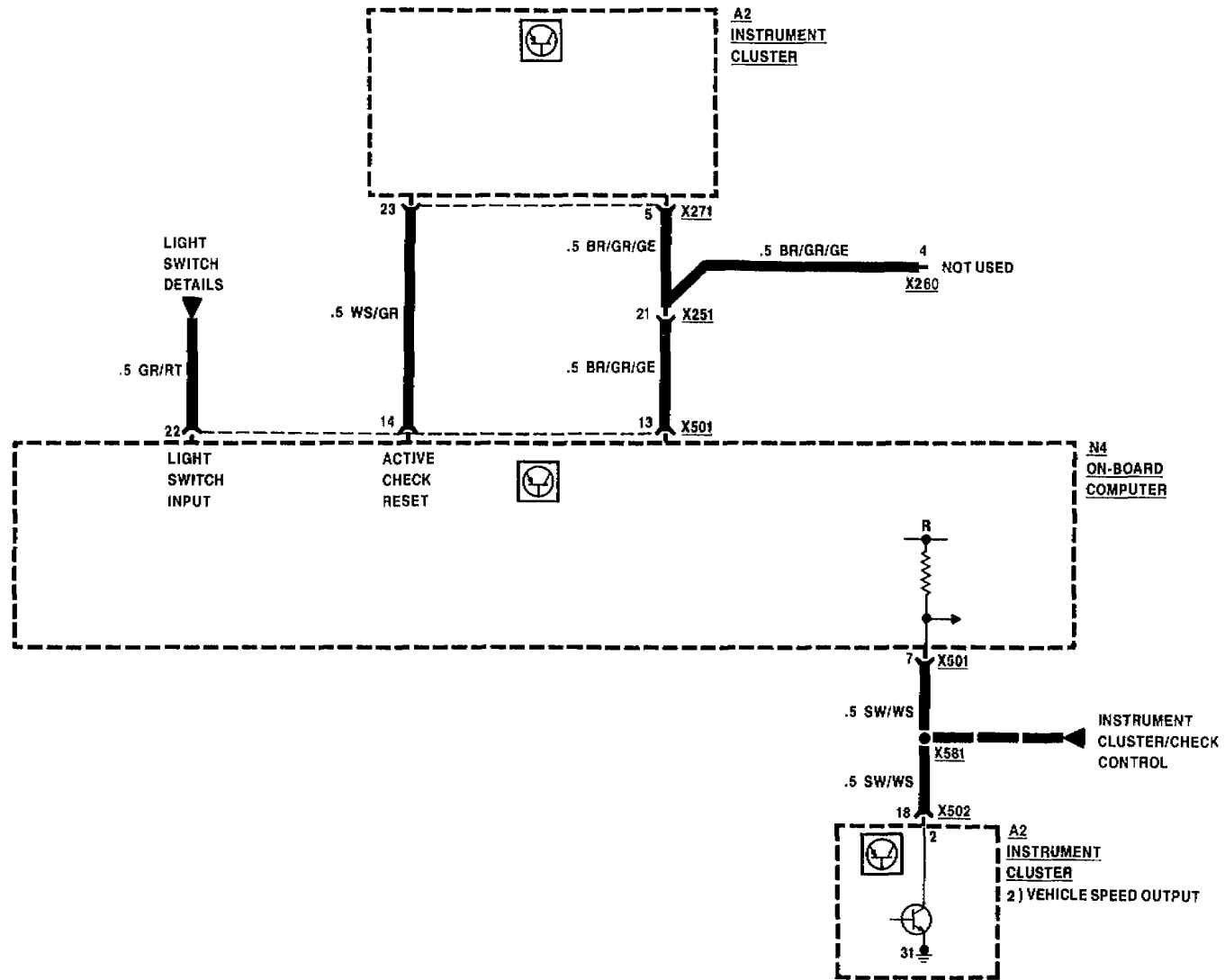
# ON-BOARD COMPUTER PROGRAMMING





# ON-BOARD COMPUTER

## VEHICLE SPEED

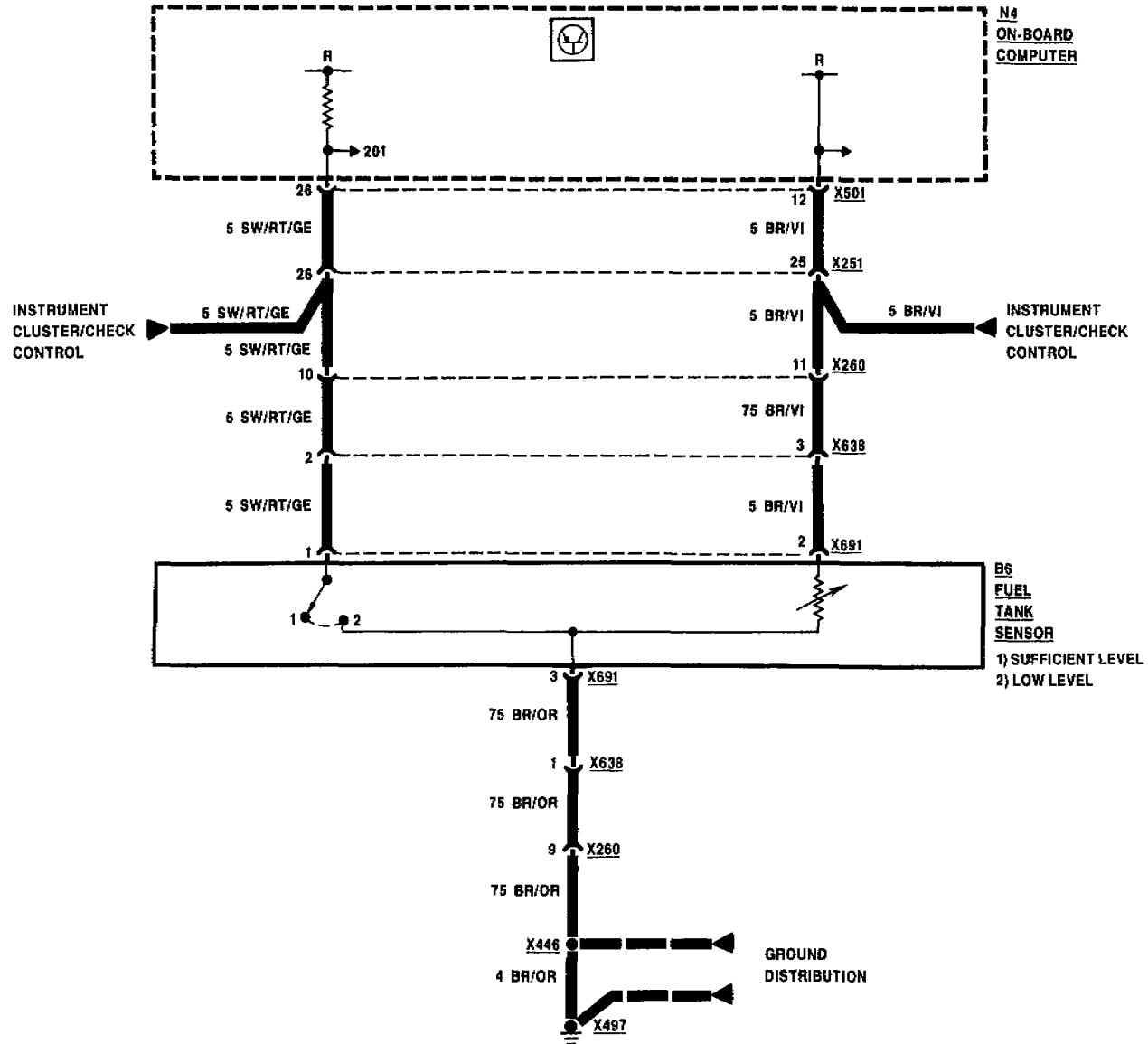


WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE



# ON-BOARD COMPUTER

## FUEL INFORMATION



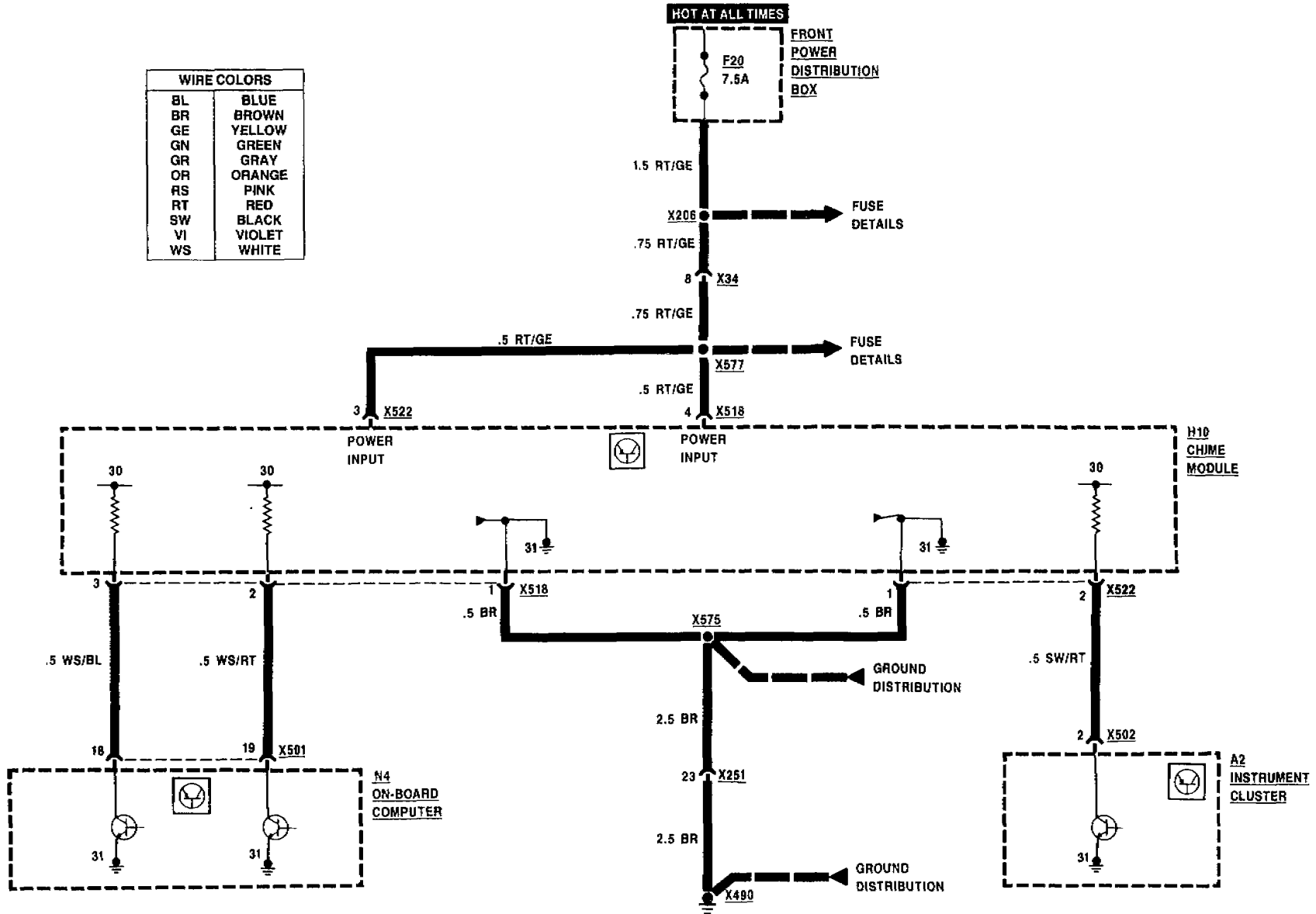
WIRE COLORS	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE





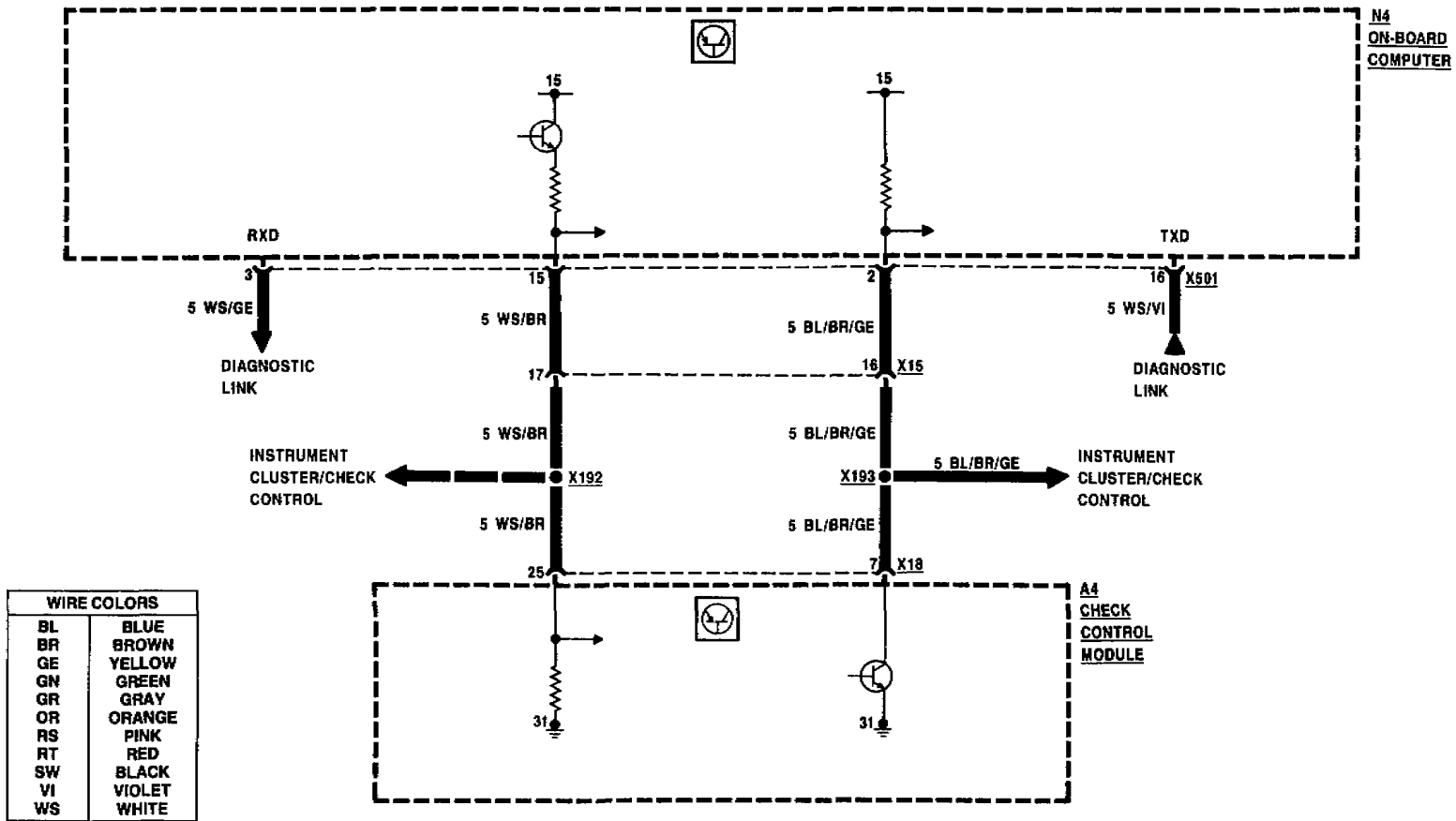
# ON-BOARD COMPUTER CHIME MODULE

WIRE COLORS	
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 DATA LINK





# COMPONENT LOCATION CHART

## COMPONENTS

		Page-Figure
.....	Auxiliary Relay Box .....	LH side of engine compartment, ahead of shock tower . . . 7100-04-03
.....	E-Box .....	RH side of engine, behind RH front shock tower . . . . . 7100-33-03
.....	Front Power Distribution Box .....	LH rear of engine compartment . . . . . 7100-10-01
.....	Fusible Link A .....	Below RH side of rear seat, right of battery . . . . . 7100-20-01
.....	Fusible Link B .....	Below rear seat . . . . .
.....	Rear Power Distribution Box .....	Below LH side of rear seat . . . . . 7100-17-02
A1 .....	General Module .....	Under LH side of rear seat, in Rear Power Distribution Box. . . . . 7100-17-01
A3 .....	Lamp Control Module .....	In Front Power Distribution Box . . . . . 7100-05-02
A4 .....	Check Control Module .....	In Front Power Distribution Box . . . . . 7100-05-02
A5 .....	Relay Module .....	Below LH side of rear seat, in Rear Power Distribution Box. . . . . 7100-17-01
A6 .....	Trailer Module (AHM) .....	In LH rear corner of luggage compartment, on rear panel. 7100-00-03
A7 .....	ABS Electronic Control Unit .....	In E-Box, behind RH front shock tower . . . . . 7100-13-01
A8 .....	Cruise Control Module (Tempomat) .....	In E-Box, behind RH front shock tower . . . . . 7100-13-01
A9 .....	Seat Belt Retractor Module .....	Next edition . . . . .
A10 .....	Electronic Heater Control Unit (IHR) .....	Between front footwells, ahead of IHR plenum . . . . . 7100-14-01
A11 .....	Automatic Heating and Air Conditioning Control Unit (IHKA) .....	Between front footwells, ahead of IHKA plenum . . . . . 7100-14-01
A12 .....	Diagnostic Module (SRS) .....	Below LH side of dash, left of steering column . . . . . 7100-24-01
A14 .....	Park Heating/Ventilation Control Unit .....	Under RH side of rear seat, behind battery . . . . . 7100-17-03
A15 .....	Park Heating/Ventilation Relay Box .....	Behind RH side of dash, above glove box . . . . . 7100-35-01
A17 .....	Servotronic Control Unit .....	By driver's footrest, behind speaker. . . . . 7100-27-01



## COMPONENT LOCATION CHART

### COMPONENTS

		Page-Figure
A18 . . . . .	HIFI Amplifier . . . . .	Behind luggage compartment LH trim panel, on brace . . . . . 7100-00-02
A20 . . . . .	Booster/Amplifier . . . . .	In upper RH corner of luggage compartment . . . . . 7100-32-02
A21 . . . . .	Memory Seat/Mirrors Control Unit . . . . .	Under driver's seat . . . . . 7100-29-01
A70 . . . . .	ABS/ASC Electronic Control Unit . . . . .	In E-Box, behind RH front shock tower . . . . .
A200 . . . . .	Motronic Control Unit (DME) . . . . .	In E-Box, behind RH front shock tower . . . . . 7100-13-01
A202 . . . . .	Electronic Throttle Control Unit (EML) . . . . .	In E-Box, behind RH front shock tower . . . . . Next edition
A300 . . . . .	Electronic Transmission Control Unit (AEGS) . . . . .	Behind RH kick panel . . . . . 7100-18-02
A301 . . . . .	Kick-Down Prevent Relay . . . . .	Behind RH kick panel . . . . . 7100-18-02
A902 . . . . .	Catalyst Temperature Switching Unit . . . . .	Next edition . . . . .
B1 . . . . .	Right Front Speed Sensor . . . . .	Behind RH front wheel . . . . . 7100-09-02
B2 . . . . .	Left Front Speed Sensor . . . . .	Behind LH front wheel . . . . . 7100-08-02
B3 . . . . .	Right Rear Speed Sensor . . . . .	Behind RH rear wheel, on axle . . . . . 7100-10-03
B4 . . . . .	Left Rear Speed Sensor . . . . .	Behind LH rear wheel, on axle . . . . . 7100-10-02
B5 . . . . .	Level Control Unit . . . . .	Below car, left of differential . . . . . 7100-18-03
B6 . . . . .	Fuel Tank Sensor . . . . .	Below luggage compartment, thru RH access panel, right of spare tire . . . . . 7100-00-01
B7 . . . . .	Low Pressure Switch . . . . .	RH front of engine compartment, below washer reservoir . 7100-31-02
B8 . . . . .	High Pressure Switch . . . . .	RH front of engine compartment, below washer reservoir . 7100-31-02
B9 . . . . .	Intermediate Pressure Switch . . . . .	RH front of engine compartment, below washer reservoir . 7100-31-02
B10 . . . . .	Vehicle Speed Sensor . . . . .	Rear of car, on differential . . . . . 7100-11-01



## COMPONENT LOCATION CHART

### COMPONENTS

		Page-Figure
B11 . . . . .	Left Heat Exchanger Temperature Sensor . . . . .	Below RH side of dash, in RH side of IHKA plenum
B12 . . . . .	Right Heat Exchanger Temperature Sensor . . . . .	Below RH side of dash, in RH side of IHKA plenum . . . . . 7100-15-01
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 plenum. 7100-15-03
B15 . . . . .	Electro-Hydraulic Converter (Servotronic) . . . . .	Below LH front of car, behind LH front wheel . . . . . 7100-31-03
B16 . . . . .	Left Front Brake Pad Sensor . . . . .	Behind LH front wheel, on caliper . . . . . 7100-08-02
B17 . . . . .	Right Rear Brake Pad Sensor . . . . .	Behind RH rear wheel, on caliper . . . . . 7100-10-03
B18 . . . . .	Brake Fluid Level Switch . . . . .	LH rear of engine compartment, top of brake fluid reservoir . . . . . 7100-05-01
B19 . . . . .	Brake Pressure Regulating Switch . . . . .	LH side of engine compartment, right of shock tower . . . . 7100-05-01
B20 . . . . .	Brake Pressure Switch . . . . .	LH side of engine compartment, right of shock tower . . . . 7100-05-01
B21 . . . . .	On-Board Computer Temperature Sensor . . . . .	Under front bumper, right side. . . . . 7100-32-01
B22 . . . . .	Wheel Camber Control Unit . . . . .	Below car, above RH halfshaft. . . . . 7100-27-03
B201 . . . . .	Cylinder Identification Sensor . . . . .	RH front of engine . . . . . 7100-03-03
B202 . . . . .	Engine Speed Sensor . . . . .	RH front of engine . . . . . 7100-03-03
B203 . . . . .	Oxygen Sensor . . . . .	In top of catalyst, near rear of transmission . . . . . 7100-08-03
B204 . . . . .	Coolant Temperature Sensor . . . . .	On coolant inlet, near valve cover . . . . . 7100-03-01
B205 . . . . .	Oil Level Sensor . . . . .	On bottom of oil pan . . . . . 7100-08-01
B206 . . . . .	Oil Pressure Switch . . . . .	Top rear of engine, rear of cylinder head . . . . . 7100-03-02
B207 . . . . .	Coolant Temperature Sender . . . . .	On coolant inlet, near valve cover . . . . . 7100-03-01



## COMPONENT LOCATION CHART

### COMPONENTS

		Page-Figure
B208	Air Flow Meter	Top center of engine, ahead of oil fill cap. . . . . 7100-02-02
B209	Water Temperature Sensor	On coolant inlet, near valve cover . . . . . 7100-03-01
B210	Temperature Switch	In E-Box, behind RH front shock tower
B900	Jumper Plug	In Front Power Distribution Box . . . . . 7100-05-02
B901	Catalyst Thermocouple	Next edition
D100	Diagnostic Connector	RH rear of engine compartment, ahead of shock tower . . . 7100-02-01
E48	Door Lock Heater	In door, at key lock assembly
E50	Park Heating Unit	RH side of engine compartment . . . . . 7100-33-03
E51	Left Washer Jet Heater	Under cover, on engine hood . . . . . 7100-28-03
E52	Right Washer Jet Heater	Under cover, on engine hood . . . . . 7100-35-03
E55	Front Defogger	Lower part of front windshield
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	Next edition
E66	Left Rear Seat Heater	Next edition
E67	Right Rear Seat Heater	Next edition
E68	Right Rear Seatback Heater	Next edition
F53	Fuse (10 Amp)	In RH corner of luggage compartment



## COMPONENT LOCATION CHART

### COMPONENTS

		Page-Figure
G3	Auxiliary Battery	In RH corner of luggage compartment . . . . . 7100-06-03
G5	Driver's Air Bag Generator	In center of steering wheel
G6	Passenger's Air Bag Generator I	Next edition
G7	Passenger's Air Bag Generator II	Next edition
H1	Antitheft Horn (DWA)	Below RH fresh air cowl
H2	Left Horn	Front of car, behind grille . . . . . 7100-25-03
H3	Right Horn	Front of car, behind grille . . . . . 7100-25-03
H10	Chime Module	Behind LH side of dash, mounted in hush panel . . . . . 7100-26-03
K1	Starter Relay	In Front Power Distribution Box . . . . . 7100-05-02
K2	Horn Relay	In Front Power Distribution Box . . . . . 7100-05-02
K3	Unloader Relay, KLR	In Front Power Distribution Box . . . . . 7100-05-02
K4	Blower Relay	In Front Power Distribution Box . . . . . 7100-05-02
K5	Washer Pump Relay	In Front Power Distribution Box . . . . . 7100-12-01
K7	Parking Light Monitor Relay	In Front Power Distribution Box . . . . . 7100-12-01
K9	Unloader Relay, KL15	In Front Power Distribution Box . . . . . 7100-12-01
K10	ABS Relay	In Front Power Distribution Box . . . . . 7100-12-01
K11	Wiper Relay	Under LH side of rear seat, on Rear Power Distribution Box . . . . . 7100-17-02
K12	Wiper Pressure Control Relay (ADV)	Under LH side of rear seat, on Rear Power Distribution Box . . . . . 7100-17-02



# COMPONENT LOCATION CHART

## COMPONENTS

Page-Figure

K13	Rear Defogger Relay	Under LH side of rear seat, on Rear Power Distribution Box	7100-17-02
K14	Auxiliary Battery Relay	In RH corner of luggage compartment	7100-06-03
K15	Electric Power Protection Relay	Under LH side of rear seat, on Rear Power Distribution Box	7100-17-02
K16	Hazard Flasher Relay	On steering column, below ignition switch	
K17	Rear Seat Heating Relay	Next edition	
K18	Front Defogger/Water Pump Relay	In Front Power Distribution Box	7100-12-01
K19	Compressor Control Relay	By driver's footrest, behind speaker	7100-27-01
K21	Normal Speed Relay	LH side of engine compartment, in relay box, front of LH shock tower	7100-23-03
K22	High Speed Relay	LH side of engine compartment, in relay box, front of LH shock tower	7100-23-03
K31	Seat Belt Relay	Next edition	
K33	Air Conditioning Motronic Relay	LH side of engine compartment, in relay box, front of LH shock tower	7100-23-03
K90	Cigar Lighter Relay	Next edition	
K91	On-Board Computer Horn Relay	Under LH side of rear seat, ahead of Rear Power Distribution Box	7100-20-03
K201	Fuel Pump Relay	In watertight compartment, behind RH front shock tower	7100-01-02
K202	Main Relay	In watertight compartment, behind RH front shock tower	7100-01-02





## COMPONENT LOCATION CHART

### COMPONENTS

		Page-Figure
M1	Starter	LH side of engine, below intake manifold . . . . . 7100-09-01
M2	Fuel Pump	Below luggage compartment, right of spare tire . . . . . 7100-00-01
M3	Wiper Motor	Behind LH fresh air cowl . . . . . 7100-05-03
M4	Washer Pump	RH front of engine compartment, on washer fluid reservoir . . . . . 7100-02-03
M5	Intensive Wash Pump	RH front of engine compartment, on washer fluid reservoir . . . . . 7100-02-03
M6	Wiper Pressure Control Motor (ADV)	Below LH side of fresh air cowl . . . . . 7100-06-02
M7	Headlight Washer Pump	LH front of engine compartment, on washer fluid reservoir . . . . . 7100-04-02
M8	Fog Light Washer Pump	LH front of engine compartment, on washer fluid reservoir . . . . . 7100-04-02
M9	Auxiliary Fan Motor	Center front of engine compartment, behind bumper . . . . . 7100-04-01
M12	Driver's Door Lock Motor	Top rear of door . . . . . 7100-07-02
M13	Passenger's Door Lock Motor	Top rear of door . . . . . 7100-07-02
M14	Right Rear Door Lock Motor	Top rear of door . . . . . 7100-33-01
M15	Left Rear Door Lock Motor	Top rear of door . . . . . 7100-33-01
M16	Gas Filler Lock Motor	In luggage compartment, behind RH wheel well . . . . . 7100-01-03
M17	Trunk Lock Motor	In luggage compartment, right of lid lock assembly . . . . . 7100-01-01
M20	Left Rear Window Motor	Lower front of door . . . . . 7100-33-01
M21	Driver's Window Motor	Lower front of door . . . . . 7100-07-02



## COMPONENT LOCATION CHART

### COMPONENTS

		Page-Figure
M22 . . . . .	Right Rear Window Motor . . . . .	Lower front of door . . . . . 7100-33-01
M23 . . . . .	Passenger's Window Motor . . . . .	Lower front of door . . . . . 7100-07-02
M24 . . . . .	Sunroof Motor . . . . .	In center of windshield header, near rear view mirror . . . . . 7100-11-03
M25 . . . . .	Cruise Control Actuator (Tempomat) . . . . .	Left center of engine compartment, ahead of shock tower . . . . . 7100-04-03
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 plenum . . . . . 7100-14-03
M32 . . . . .	Right Footwell Flap Motor . . . . .	Below RH side of dash, on RH side of IHKA plenum . . . . . 7100-15-01
M33 . . . . .	Right Ventilation Flap Motor . . . . .	Below RH side of dash, on RH side of IHKA plenum . . . . . 7100-15-01
M34 . . . . .	Right Mixing Flap Motor . . . . .	In center of dash, right of radio . . . . . 7100-14-02
M35 . . . . .	Defroster Flap Motor . . . . .	Below LH side of dash, on lower left side of IHKA plenum . . . . . 7100-15-02
M36 . . . . .	Fresh Air Flap Motor . . . . .	Below LH side of dash, on left side of IHKA plenum . . . . . 7100-15-02
M37 . . . . .	Water Pump . . . . .	LH rear of engine compartment, on engine bulkhead . . . . . 7100-10-01
M38 . . . . .	Left Ventilation Flap Motor . . . . .	In LH side of dash, on left side of IHKA plenum . . . . . 7100-16-01
M39 . . . . .	Left Mixing Flap Motor . . . . .	In center of dash, left of radio . . . . . 7100-14-03
M40 . . . . .	Air Circulation Flap Motor . . . . .	Below LH side of dash, on left side of IHKA plenum . . . . . 7100-15-02
M41 . . . . .	Rear Compartment Flap Motor . . . . .	In front of console, on lower rear of IHKA plenum . . . . . 7100-16-01
M49 . . . . .	Driver's Seat Belt Actuator . . . . .	Next edition
M50 . . . . .	Driver's Seat Cushion Tilt Motor . . . . .	Under driver's seat . . . . . 7100-29-03
M51 . . . . .	Driver's Seat Movement Motor . . . . .	Under driver's seat . . . . . 7100-29-01
M52 . . . . .	Driver's Seat Height Motor . . . . .	Under driver's seat . . . . . 7100-29-03



# COMPONENT LOCATION CHART

## COMPONENTS

		Page-Figure
M53	Driver's Seatback Recliner Motor	7100-29-03
M54	Driver's Headrest Motor	7100-32-03
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	7100-32-03
M58	Passenger's Seatback Recliner Motor	7100-30-01
M59	Passenger's Seat Height Motor	7100-30-01
M60	Passenger's Seat Movement Motor	7100-30-01
M61	Passenger's Seat Cushion Tilt Motor	7100-30-01
M62	Passenger's Seat Belt Motor	Next edition
M200	Throttle Position Motor	Not in US
M201	E-Box Fan	In E-Box, below modules
N1	Antitheft Module (DWA)	Under LH side of rear seat, ahead of Rear Power Distribution Box. 7100-20-03
N2	Final Stage Unit	7100-14-01
N4	On-Board Computer	Center of dash, right of radio
N6	Headlight/Front Fog Light Module (SRA)	7100-12-01
N8	Antenna Amplifier	7100-22-03



# COMPONENT LOCATION CHART

## COMPONENTS

Page-Figure

R1 . . . . .	Temperature Distribution Potentiometer . . . . .	Above radio, in dash center IHR/IHKA outlets	
R5 . . . . .	Headrest Potentiometer . . . . .	On M54 Driver's Headrest Motor	
R6 . . . . .	Seat Height Potentiometer . . . . .	On 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, behind steering column . . . . .	7100-07-01
S2 . . . . .	Ignition Switch . . . . .	Top RH side of steering column	
S3 . . . . .	Automatic Transmission Range Switch . . . . .	Under console, at base of shifter . . . . .	7100-22-02
S4 . . . . .	Horn Switch . . . . .	Top of steering column, in steering wheel	
S19 . . . . .	Underhood Light Switch . . . . .	LH front of hood . . . . .	7100-25-02
S20 . . . . .	Radio Antitheft Switch (DWA) . . . . .	In dash, behind radio . . . . .	7100-07-03
S21 . . . . .	Engine Hood Switch . . . . .	RH rear of engine compartment, rear of shock tower . . . . .	7100-13-01
S22 . . . . .	Battery Switch . . . . .	Under RH side of rear seat, near battery . . . . .	7100-20-01
S23 . . . . .	Trunk Lock Switch . . . . .	Center of rear panel, below trunk latch . . . . .	7100-01-01
S24 . . . . .	Rear Seat Switch . . . . .	Under RH side of rear seat, right of battery . . . . .	7100-20-01
S25 . . . . .	Coding Plug . . . . .	Under center of rear seat, right of Rear Power Distribution Box . . . . .	7100-21-02
S27 . . . . .	Inertia Switch . . . . .	Under center of rear seat, right of Rear Power Distribution Box . . . . .	7100-21-02
S29 . . . . .	Brake Light Switch . . . . .	Under LH side of dash, on brake pedal . . . . .	7100-07-01



## COMPONENT LOCATION CHART

### COMPONENTS

		Page-Figure
S30	Brake Light Test Switch	Under LH side of dash, on brake pedal . . . . . 7100-07-01
S31	Park Brake Switch	Under console, on rear of park brake lever . . . . . 7100-16-02
S32	Clutch Switch	Under LH side of dash, left of brake pedal . . . . . 7100-07-01
S36	Temperature Switch	RH top of radiator . . . . . 7100-02-03
S39	Sunroof Position Switch	In center of windshield header, near rear view mirror . . . . . 7100-11-03
S43	Driver's Window Limit Switch	Center front of door . . . . . 7100-07-02
S44	Passenger's Window Limit Switch	Center front of door . . . . . 7100-07-02
S45	Left Rear Window Limit Switch	Center front of door . . . . . 7100-33-01
S46	Right Rear Window Limit Switch	Center front of door . . . . . 7100-33-01
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 . . . . . 7100-34-02
S61	Trunk Lid Switch	In trunk lid, near trunk lock
S63	Coolant Level Switch	Top of coolant reservoir . . . . . 7100-02-02
S64	Washer Fluid Level Switch	RH side of washer fluid reservoir . . . . . 7100-02-03
S65	Hydraulic Oil Level Switch	LH front of engine, on hydraulic fluid level container . . . . . 7100-04-03
S68	Left Rear Seat Heater	Next edition
S70	Safety Switch	Ahead of LH shock tower . . . . . 7100-12-02
S71	Left Front Crash Sensor	Ahead of LH shock tower . . . . . 7100-12-02
S72	Right Front Crash Sensor	Ahead of RH shock tower . . . . . 7100-12-03



## COMPONENT LOCATION CHART

### COMPONENTS

		Page-Figure
S92 . . . . .	Manual Transmission Back-Up Switch . . . . .	Top RH side of transmission . . . . . 7100-28-01
S95 . . . . .	Hydraulic Switch . . . . .	Next edition
S100 . . . . .	Rear Vent Flap Switch . . . . .	In rear of console, on rear vent flap . . . . . 7100-21-03
S200 . . . . .	Throttle Switch . . . . .	Top of engine, on throttle body . . . . . 7100-02-02
T200 . . . . .	Ignition Coil . . . . .	RH side of engine compartment, at strut tower . . . . . 7100-02-01
V4 . . . . .	Driver's Day Light Coding Diode . . . . .	Next edition
X779 . . . . .	Charging Plug . . . . .	On LH side of glove box
Y1 . . . . .	ABS Hydraulic Unit . . . . .	LH center of engine compartment, near shock tower . . . . . 7100-05-01
Y2 . . . . .	Compressor Clutch (IHKA) . . . . .	RH front of engine . . . . . 7100-03-03
Y4 . . . . .	Water Valve Assembly . . . . .	LH rear of engine compartment, on engine bulkhead . . . . . 7100-10-01
Y7 . . . . .	Park Heating Metering Pump . . . . .	Below rear of car, near RH rear wheel . . . . . 7100-34-03
Y8 . . . . .	Hydraulic Height Level Control System . . . . .	In rear of car, in spare tire housing . . . . . 7100-25-01
Y11 . . . . .	Solenoid Valve 1 . . . . .	On LH side of engine, near oil filter . . . . . 7100-34-01
Y12 . . . . .	Solenoid Valve 2 . . . . .	On LH side of engine, near oil filter . . . . . 7100-34-01
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
Y213 . . . . .	Evaporative Purge Valve . . . . .	LH side of engine, right of oil filter . . . . . 7100-24-03



## COMPONENT LOCATION CHART

### COMPONENTS

		Page-Figure
Y214	Idle Speed Actuator	On center rear of throttle body . . . . . 7100-02-02
Y300	Transmission	LH rear side of transmission . . . . . 7100-08-03
X13	Connector (30 pins)	Below left side of dash, above footrest . . . . . 7100-09-03
X14	Connector (30 pins)	Below left side of dash, above footrest . . . . . 7100-09-03
X15	Connector (30 pins)	Below left side of dash, near hood release lever . . . . . 7100-24-01
X16	Connector (26 pins)	On A2 Instrument Cluster . . . . . 7100-23-01
X17	Connector (6 pins)	On A2 Instrument Cluster . . . . . 7100-23-01
X18	Connector (26 pins)	On A4 Check Control Module (Blue)
X19	Connector (26 pins)	On A4 Check Control Module (Green)
X20	Connector (20 pins)	LH rear of engine compartment, near shock tower . . . . . 7100-10-01
X21	Connector (21 pins)	LH rear of engine compartment, near shock tower . . . . . 7100-10-01
X32	Connector (12 pins)	Below LH side of dash, LH side of steering column . . . . . 7100-27-02
X33	Connector (12 pins)	Below LH side of dash, LH side of steering column . . . . . 7100-27-02
X34	Connector (12 pins)	Below LH side of dash, near hood release lever . . . . . 7100-24-01
X35	Connector (12 pins)	Below LH side of dash, near hood release lever . . . . . 7100-24-01
X36	Connector (10 pins)	Below LH side of dash, near hood release lever . . . . . 7100-24-01
X37	Connector (10 pins)	Below LH side of dash, near hood release lever . . . . . 7100-24-01
X71	Connector (8 pins)	Behind LH fog light . . . . . 7100-26-01
X72	Connector (8 pins)	Below LH side of dash, LH side of steering column . . . . . 7100-27-02
X73	Connector (10 pins)	Under dash, right of steering column



# COMPONENT LOCATION CHART

## COMPONENTS

			Page-Figure
X74	Connector (8 pins)	Under LH side of dash, above footrest	7100-09-03
X75	Connector (6 pins)	Under LH side of dash, above footrest	7100-09-03
X83	Connector (3 pins)	By driver's footrest, behind speaker	7100-27-01
X84	Connector (3 pins)	By driver's footrest, behind speaker	7100-27-01
X88	Connector (3 pins)	On left of steering column	
X101	Connector (2 pins)	In watertight compartment, behind RH front shock tower	7100-13-01
X113	Connector (2 pins)	RH rear of engine compartment, near base of shock tower	7100-19-01
X114	Connector (2 pins)	LH rear of engine compartment, bottom of shock tower	7100-24-02
X118	Connector (2 pins)	On LH front wheel, above brake caliper	7100-08-02
X122	Connector (2 pins)	LH rear of engine compartment, on engine bulkhead	7100-10-01
X162	Connector (1 pin)	On E55 Front Defogger	
X163	Connector (1 pin)	RH front of engine compartment, by washer fluid reservoir	7100-03-03
X165	Ground (Dash)	Below LH side of dash, left of steering column	7100-33-02
X166	Ground	LH front of engine compartment, ahead of wheel well	7100-06-01
X167	Ground	LH front of engine compartment, ahead of wheel well	7100-06-01
X170	Ground	LH side of engine compartment, on Y1 ABS Hydraulic Unit	7100-24-02
X251	Connector (30 pins)	Below left side of dash, near hood release lever	7100-24-01





# COMPONENT LOCATION CHART

## COMPONENTS

Page-Figure

X252 . . . .	Connector (26 pins) . . . . .	On N1 Antitheft Module (DWA)	
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 . . . . .	7100-13-03
X257 . . . .	Connector (26 pins) . . . . .	Ahead of LH front door, in wire grommet . . . . .	7100-13-03
X258 . . . .	Connector (20 pins) . . . . .	On A5 Relay Module (White)	
X259 . . . .	Connector (20 pins) . . . . .	On A5 Relay Module (Black)	
X260 . . . .	Connector (21 pins) . . . . .	Below RH side of rear seat, near battery . . . . .	7100-35-02
X271 . . . .	Connector (12 pins) . . . . .	On A2 Instrument Cluster . . . . .	7100-23-01
X272 . . . .	Connector (12 pins) . . . . .	Below LH side of rear seat, near Rear Power Distribution Box . . . . .	7100-17-01
X273 . . . .	Connector (12 pins) . . . . .	Ahead of LH rear door, in wire grommet . . . . .	7100-13-02
X274 . . . .	Connector (12 pins) . . . . .	Ahead of RH rear door, in wire grommet . . . . .	7100-13-02
X275 . . . .	Connector (12 pins) . . . . .	Below driver's seat, under carpet . . . . .	7100-30-03
X277 . . . .	Connector (10 pins) . . . . .	Ahead of LH rear door, in wire grommet . . . . .	7100-13-02
X278 . . . .	Connector (10 pins) . . . . .	Ahead of RH rear door, in wire grommet . . . . .	7100-13-02
X279 . . . .	Connector (12 pins) . . . . .	Below passenger's seat . . . . .	7100-30-02
X295 . . . .	Connector (8 pins) . . . . .	Below LH side of dash, LH side of steering column . . . . .	7100-27-02
X298 . . . .	Connector (8 pins) . . . . .	Behind luggage compartment trim panel, below LH lid hinge . . . . .	7100-00-02



# COMPONENT LOCATION CHART

## COMPONENTS

			Page-Figure
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	7100-00-03
X319	Connector (6 pins)	In luggage compartment, behind LH light assembly	7100-00-03
X321	Connector (6 pins)	Below LH side of dash, left of steering column	7100-26-03
X322	Connector (6 pins)	Below LH side of rear seat, near Rear Power Distribution Box	7100-17-01
X331	Connector (5 pins)	On N1 Antitheft Module (DWA)	
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	7100-21-02
X376	Connector (2 pins)	Below LH side of rear seat, behind Rear Power Distribution Box	7100-17-02
X377	Connector (2 pins)	Below RH side of rear seat, behind battery	7100-17-03
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	7100-18-02
X391	Connector (2 pins)	Below rear of console	7100-16-02
X393	Connector (2 pins)	In LH rear corner of luggage compartment	7100-00-03
X399	Connector (2 pins)	In LH rear corner of luggage compartment	7100-00-03



## COMPONENT LOCATION CHART

### COMPONENTS

		Page-Figure
X400 . . . .	Connector (2 pins) . . . . .	Behind rear seat back, left of RH wheel well . . . . . 7100-19-03
X421 . . . .	Connector (1 pin) . . . . .	On E55 Front Defogger
X490 . . . .	Ground . . . . .	Below LH side of dash, left of steering column . . . . . 7100-33-02
X491 . . . .	Ground . . . . .	Below LH side of dash, left of steering column . . . . . 7100-33-02
X492 . . . .	Ground . . . . .	Below LH side of rear seat, near Rear Power Distribution Box . . . . . 7100-21-01
X493 . . . .	Ground . . . . .	Below LH side of rear seat, near Rear Power Distribution Box . . . . . 7100-21-01
X494 . . . .	Ground . . . . .	Below LH side of rear seat, near Rear Power Distribution Box . . . . . 7100-21-01
X495 . . . .	Ground . . . . .	Under RH side of rear seat, right of battery . . . . . 7100-17-03
X496 . . . .	Ground . . . . .	Under RH side of rear seat, right of battery . . . . . 7100-17-03
X497 . . . .	Ground . . . . .	Under RH side of rear seat, right of battery . . . . . 7100-20-02
X497 . . . .	Ground (Battery) . . . . .	Ahead of RH side of rear seat, under carpet . . . . . 7100-20-01
X502 . . . .	Connector (26 pins) . . . . .	On A2 Instrument Cluster . . . . . 7100-23-01
X506 . . . .	Connector (12 pins) . . . . .	Below center console, front of shifter . . . . . 7100-22-02
X512 . . . .	Connector (8 pins) . . . . .	Behind glove box . . . . . 7100-16-03
X515 . . . .	Connector (6 pins) . . . . .	Below LH side of dash, left of steering column . . . . . 7100-26-03
X518 . . . .	Connector (4 pins) . . . . .	On H10 Chime Module (Black) . . . . . 7100-26-03
X519 . . . .	Connector (4 pins) . . . . .	Below RH side of dash, behind right side of glove box . . . . . 7100-16-03
X520 . . . .	Connector (3 pins) . . . . .	Under LH side of console, near shifter . . . . . 7100-22-02



## COMPONENT LOCATION CHART

### COMPONENTS

		Page-Figure
X522	Connector (3 pins)	On H10 Chime Module (White) . . . . . 7100-26-03
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 . . . . . 7100-28-02
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) . . . . . 7100-29-02
X602	Connector (26 pins)	On A21 Memory Seat/Mirrors Control Unit (White) . . . . . 7100-29-01
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 (IHR) Unit or A11 (IHKA) Unit (White) . . . . . 7100-15-03
X611	Connector (26 pins)	On A10 (IHR) Unit or A11 (IHKA) Unit (Green) . . . . . 7100-15-03
X612	Connector	On S26 Automatic Heating and Air Conditioning Switch (IHKA) or S33 Heater Control Switch (IHR) (Blue)
X613	Connector (26 pins)	On A10 (IHR) Unit or A11 (IHKA) Unit (Blue) . . . . . 7100-14-01
X614	Connector (26 pins)	On A10 (IHR) Unit or A11 (IHKA) Unit (Yellow) . . . . . 7100-14-01



# COMPONENT LOCATION CHART

## COMPONENTS

			Page-Figure
X619	Connector (12 pins)	Under rear seat	
X621	Connector (10 pins)	Ahead of RH front door, in wire grommet	7100-13-03
X622	Connector (10 pins)	Ahead of LH front door, in wire grommet	7100-13-03
X626	Connector (8 pins)	Under driver's seat	7100-29-02
X627	Connector (8 pins)	In center of windshield header, near rear view mirror	7100-11-03
X628	Connector (3 pins)	In RH corner of luggage compartment	7100-06-03
X629	Connector (8 pins)	On A14 Park Heating/Ventilation Control Unit (Natural)	
X630	Connector (13 pins)	Rear of car	7100-11-02
X638	Connector (8 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)	7100-29-02
X649	Connector (6 pins)	On A21 Memory Seats/Mirrors Control Unit (White)	7100-29-02
X653	Connector (6 pins)	On A21 Memory Seat/Mirrors Control Unit (Black)	7100-29-01
X654	Connector (6 pins)	On A21 Memory Seats/Mirrors Control Unit (White)	7100-29-01
X655	Connector (6 pins)	On A21 Memory Seats/Mirrors Control Unit (Blue)	7100-29-01
X656	Connector (6 pins)	On A21 Memory Seats/Mirrors Control Unit (Green)	7100-29-01
X657	Connector (6 pins)	On A21 Memory Seats/Mirrors Control Unit (Brown)	7100-29-01
X659	Connector (6 pins)	Below passenger's seat	7100-30-02
X672	Connector (4 pins)	On A20 Booster/Amplifier	
X673	Connector (4 pins)	Under rear seat	
X674	Connector (4 pins)	Under rear seat	



## COMPONENT LOCATION CHART

### COMPONENTS

		Page-Figure
X681	Connector (3 pins).....	Behind glove box..... 7100-16-03
X682	Connector (3 pins).....	On S26 Automatic Heating and Air Conditioning Switch (IHKA) or S33 Heater Control Switch (IHR) (Natural)
X683	Connector (3 pins).....	By driver's footrest, behind speaker..... 7100-27-01
X684	Connector (3 pins).....	In passenger's door, near door handle (Black)..... 7100-31-01
X685	Connector (3 pins).....	In driver's door, near door handle (Black)..... 7100-31-01
X692	Connector (3 pins).....	In center of dash, behind LH side of radio..... 7100-22-01
X693	Connector (3 pins).....	On S26 Automatic Heating and Air Conditioning Switch (IHKA) or S33 Heater Control Switch (IHR) (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..... 7100-19-02
X713	Connector (2 pins).....	At RH rear wheel, above brake caliper..... 7100-10-03
X716	Connector (2 pins).....	In left rear door..... 7100-33-01
X717	Connector (2 pins).....	In left rear door..... 7100-33-01
X722	Connector (2 pins).....	In right rear door..... 7100-33-01
X725	Connector (2 pins).....	In right rear door..... 7100-33-01
X732	Connector (2 pins).....	In driver's seatback..... 7100-32-01
X741	Connector (2 pins).....	In passenger's seatback..... 7100-32-03
X742	Connector (2 pins).....	In passenger's door, near door handle (Yellow)..... 7100-31-01



## COMPONENT LOCATION CHART

### COMPONENTS

			Page-Figure
X747	Connector (2 pins)	In driver's door, near door handle (Yellow)	7100-31-01
X751	Connector (2 pins)	In driver's door, near door handle (White)	7100-31-01
X752	Connector (2 pins)	In driver's door, near door handle (Blue)	7100-31-01
X755	Connector (2 pins)	LH side of engine	7100-34-01
X756	Connector (2 pins)	RH rear wheel well	7100-23-02
X757	Connector (2 pins)	On E50 Park Heating Unit (Natural)	
X759	Connector (2 pins)	RH side of passenger's footwell, behind speaker panel	7100-18-02
X764	Connector (2 pins)	On A14 Park Heating/Ventilation Control Unit (Natural)	
X770	Connector (2 pins)	Below front of car	7100-26-02
X778	Connector (2 pins)	Near base of driver's seat belt	
X783	Connector (2 pins)	Below steering column	7100-18-01
X784	Connector (2 pins)	Under LH side of dash, at base of steering column	7100-27-02
X785	Connector (2 pins)	LH side of engine	7100-34-01
X787	Connector (2 pins)	Below car, above rear of differential	
X811	Ground	Below rear seat, by right side of battery	7100-17-03
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	7100-33-02
X820	Ground	Under RH side of rear seat, right of battery	7100-17-03
X907	Connector (6 pins)	Below LH side of dash, left of steering column	7100-26-03
X1521	Connector (3 pins)	Top front of engine, on RH side	7100-03-01



## COMPONENT LOCATION CHART

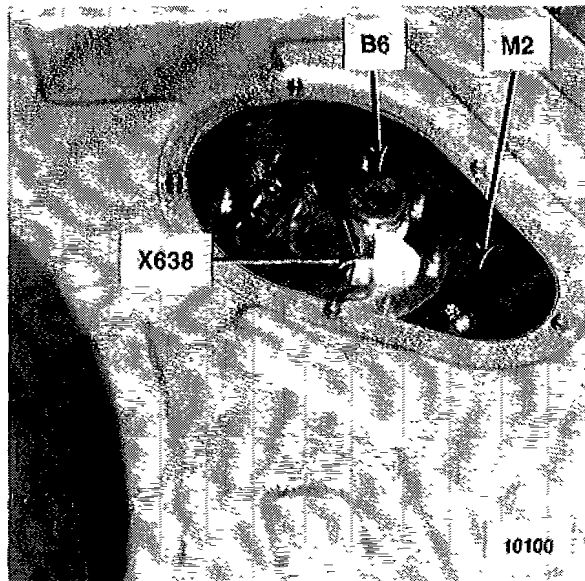
### COMPONENTS

		Page-Figure
X1522	Connector (3 pins)	Top front of engine, on RH side . . . . . 7100-03-01
X1523	Connector (4 pins)	Lower left rear side of engine . . . . . 7100-24-03
X1532	Diagnostic Connector (20 pins)	RH rear of engine compartment, ahead of shock tower . . . 7100-02-01
X1533	Connector (3 pins)	Lower left rear side of engine . . . . . 7100-24-03
X1537	Connector (2 pins)	In E-Box, behind RH front shock tower . . . . . 7100-01-02
X1540	B+	RH rear of engine compartment . . . . . 7100-01-02
X1541	Ground	RH rear of engine compartment, near shock tower . . . . . 7100-02-01
X1542	Ground	RH rear of engine compartment, near shock tower . . . . . 7100-02-01
X2001	Connector (12 pins)	Behind glove box, in RH corner . . . . . 7100-35-01
X2005	Connector (8 pins)	On LH side of transmission . . . . . 7100-08-03
X2008	Ground	Below RH side of rear seat, right of battery . . . . . 7100-20-02



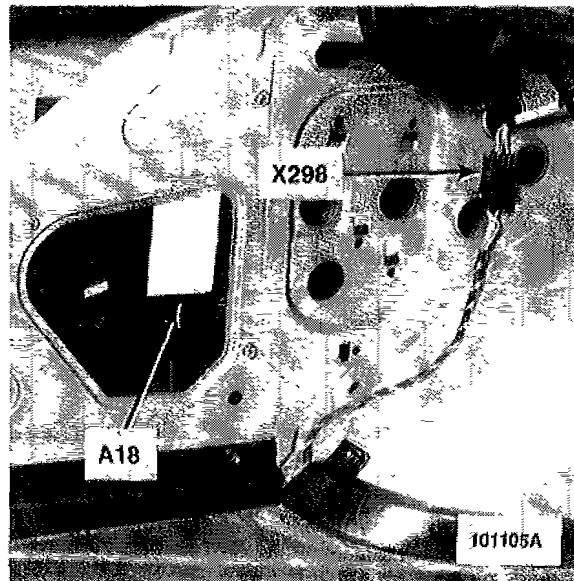


## COMPONENT LOCATION VIEWS



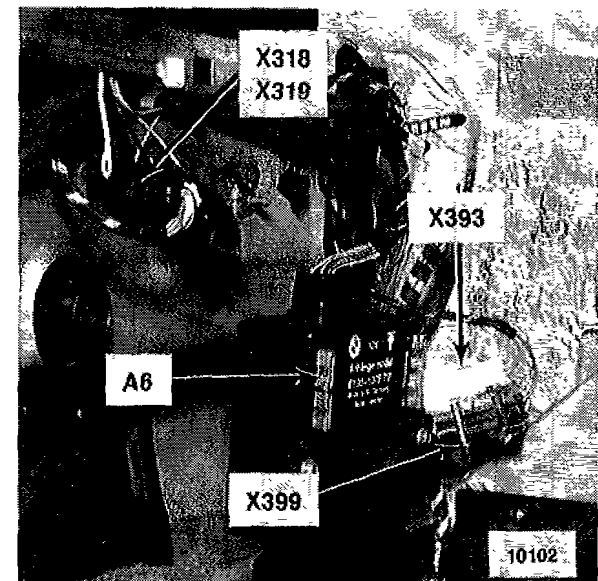
**Figure 1- RH Side Of Luggage Compartment**

- B6 Fuel Tank Sensor**
- M2 Fuel Pump (In Tank)**
- X638 Connector (8 pins)**



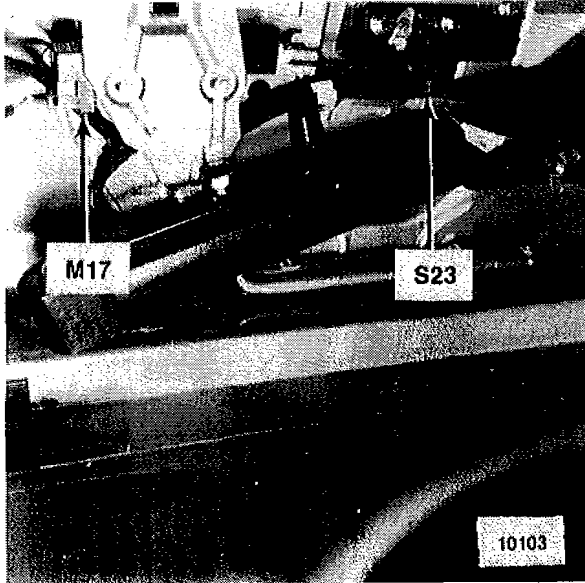
**Figure 2- LH Front Of Luggage Compartment**

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



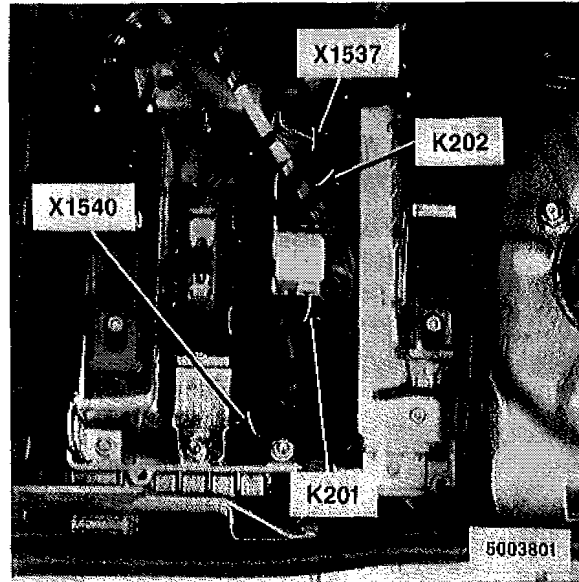
**Figure 3- LH Rear Of Luggage Compartment**

- A6 Trailer Module (AHM)**
- X393 Connector (2 pins)**
- X399 Connector (2 pins)**
- X318 Connector (6 pins) RH Side**
- X319 Connector (6 pins)**



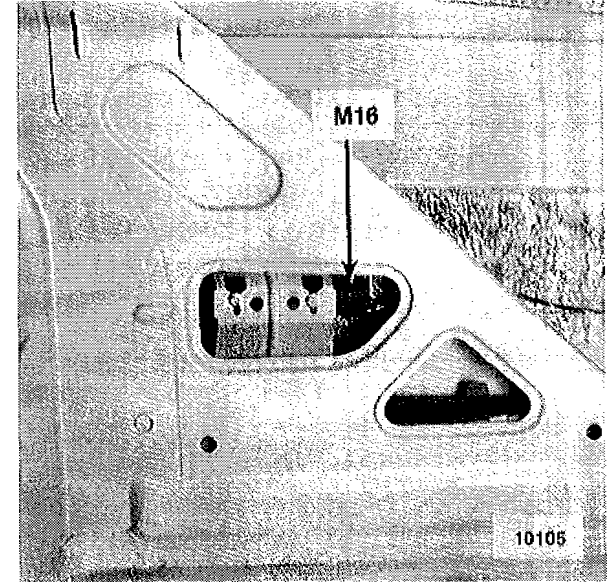
**Figure 1- In Luggage Compartment, On Rear Panel**

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



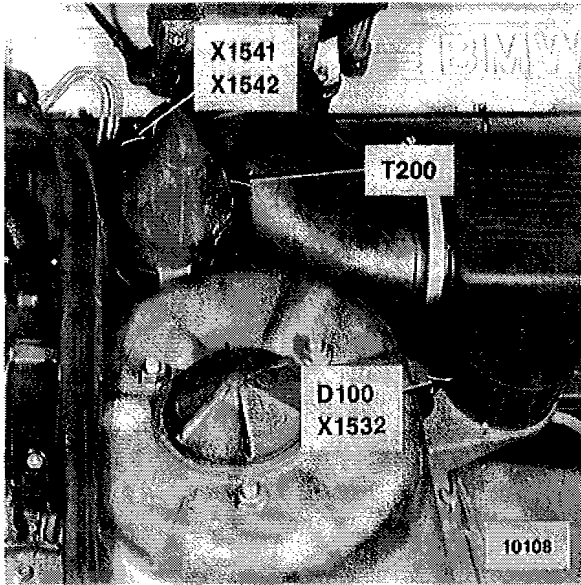
**Figure 2- RH Rear Of Engine Compartment**

**K201 Fuel Pump Relay**  
**K202 Main Relay**  
**X1537 Connector (2 pins)**  
**X1540 B+**



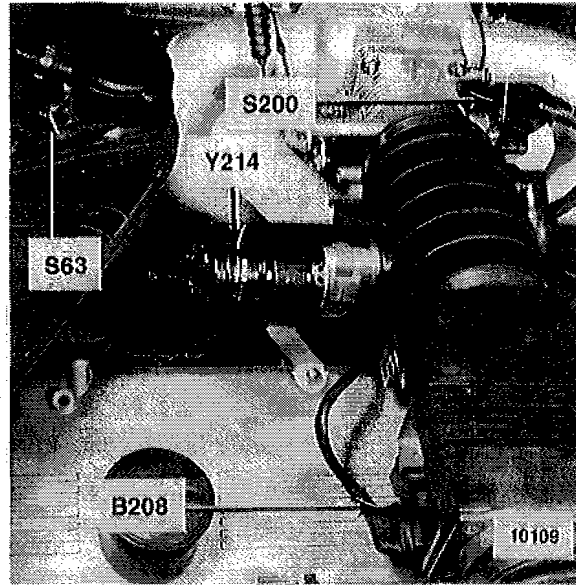
**Figure 3- RH Side Of Luggage Compartment**

**M16 Gas Filler Lock Motor**



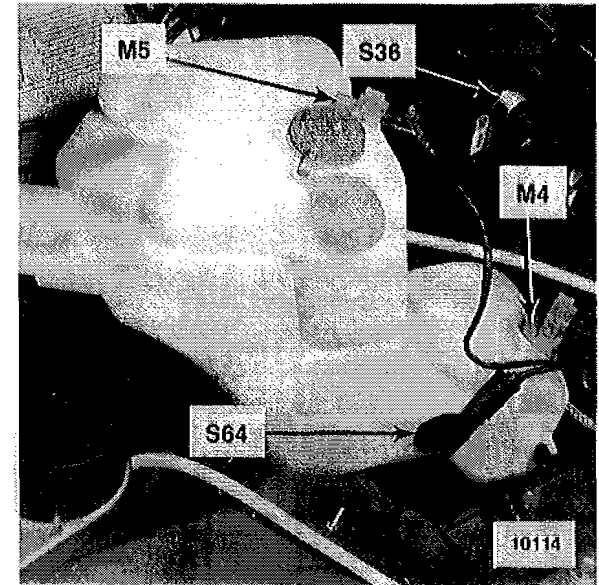
**Figure 1- RH Rear Of Engine Compartment**

- D100** Diagnostic Connector
- T200** Ignition Coil
- X1532** Diagnostic Connector (20 pins)
- X1541** Ground
- X1542** Ground



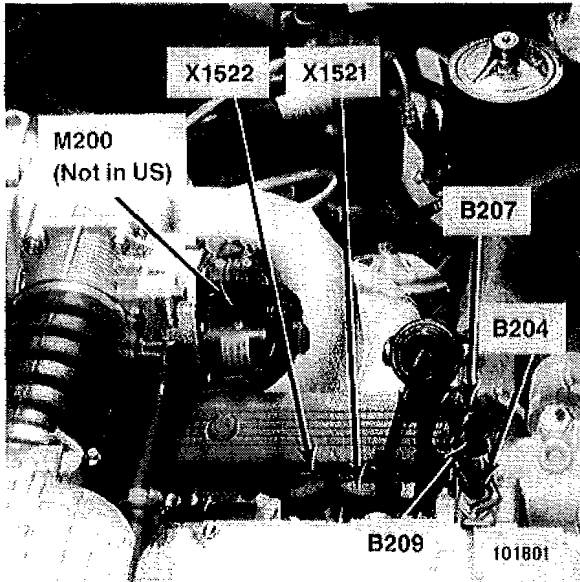
**Figure 2- Top Rear Of Engine**

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



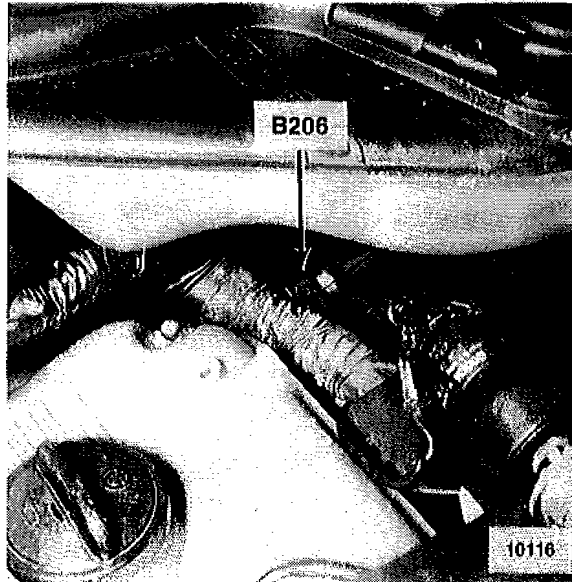
**Figure 3- RH Front Of Engine Compartment**

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



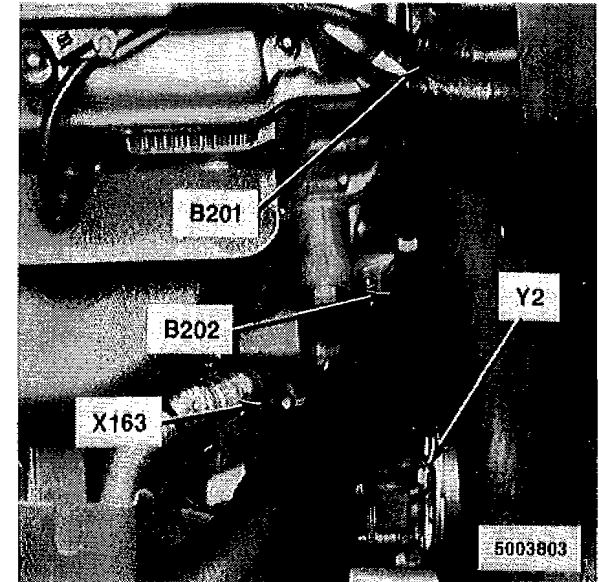
**Figure 1- RH Front Of Engine**

- B204** Coolant Temperature Sensor
- B207** Coolant Temperature Sender
- B209** Water Temperature Sensor
- M200** Throttle Position Motor
- X1521** Connector (3 pins)
- X1522** Connector (3 pins)



**Figure 2- Rear Of Engine**

- B206** Oil Pressure Switch



**Figure 3- RH Front Of Engine**

- B201** Cylinder Identification Sensor
- B202** Engine Speed Sensor
- X163** Connector (1 pin)
- Y2** Compressor Clutch (IHKA)



## COMPONENT LOCATION VIEWS

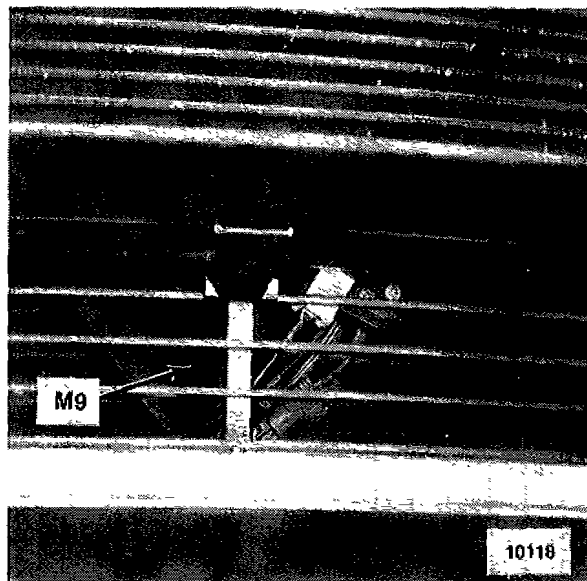


Figure 1- Front Of Car

M9 Auxiliary Fan Motor

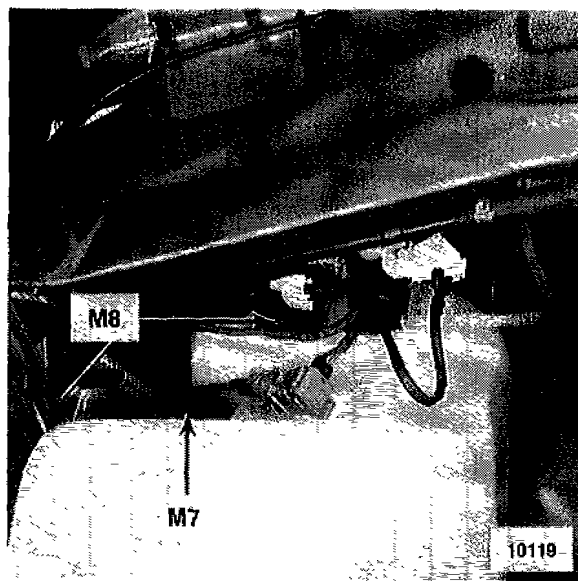


Figure 2- LH Front Of Engine Compartment

M7 Headlight Washer Pump  
M8 Fog Light Washer Pump

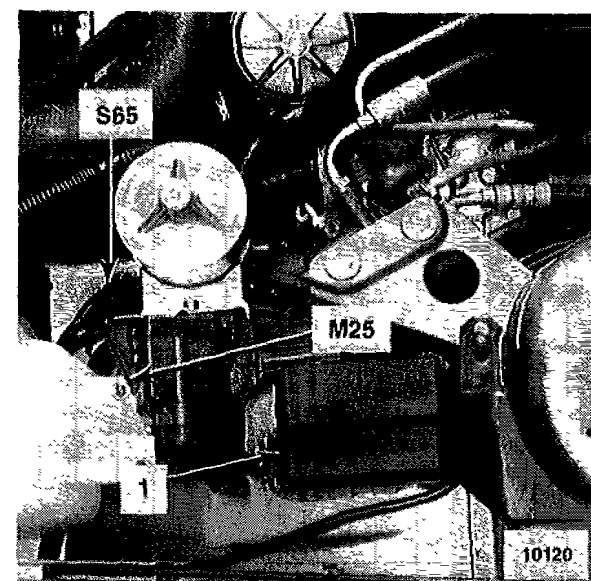
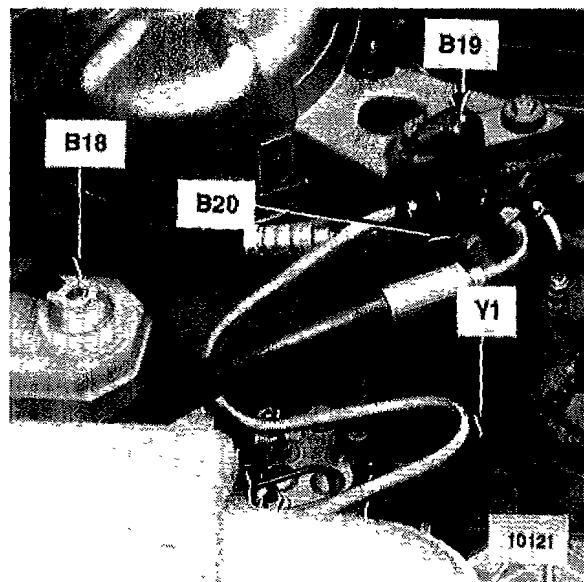


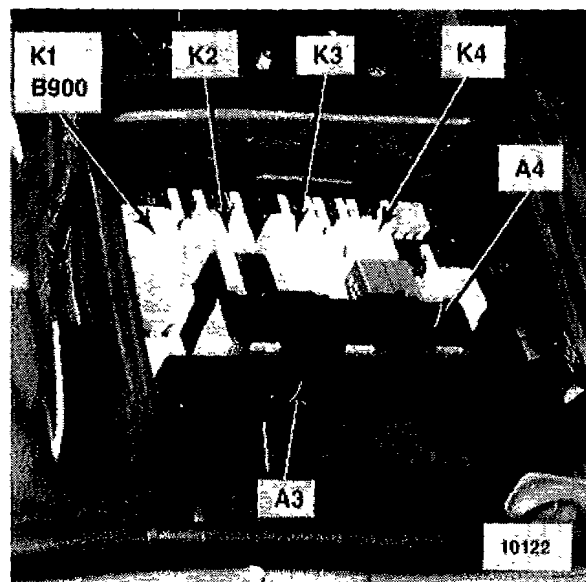
Figure 3- LH Side Of Engine Compartment

1 Auxiliary Relay Box  
M25 Cruise Control Actuator (Tempomat)  
S65 Hydraulic Oil Level Switch



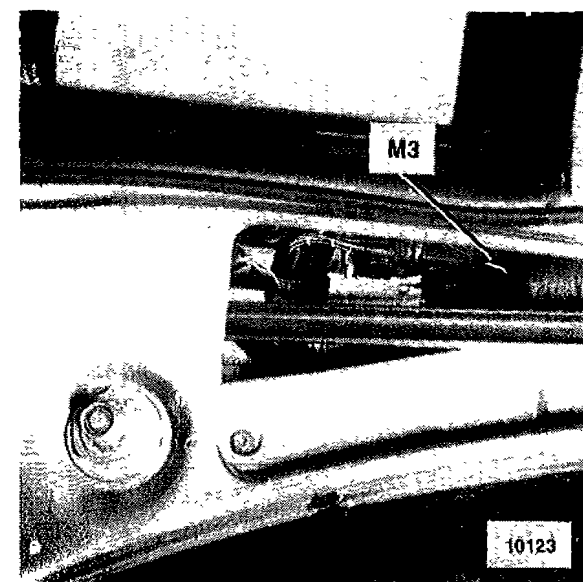
**Figure 1- LH Side Of Engine Compartment**

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



**Figure 2- LH Rear Of Engine Compartment**

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



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

- M3 Wiper Motor**

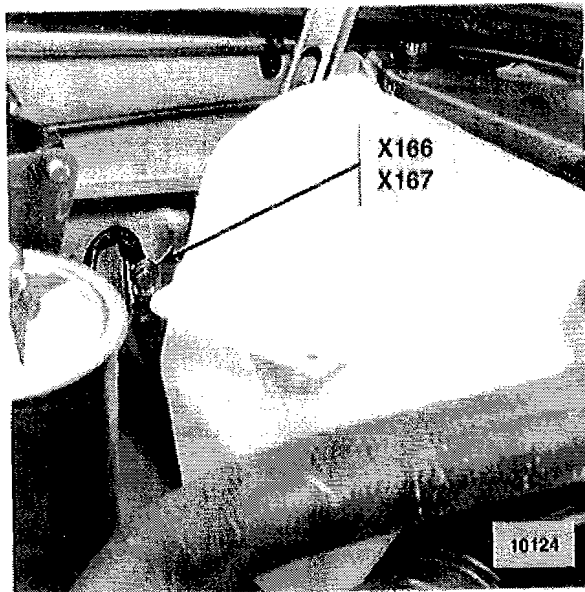


Figure 1- LH Front Of Engine Compartment

X166 Ground  
X167 Ground

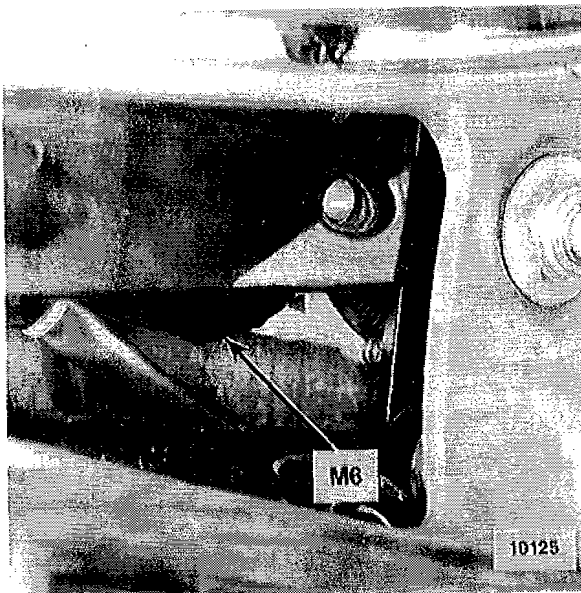


Figure 2- Below LH Fresh Air Cowl

M6 Wiper Pressure Control Motor (ADV)

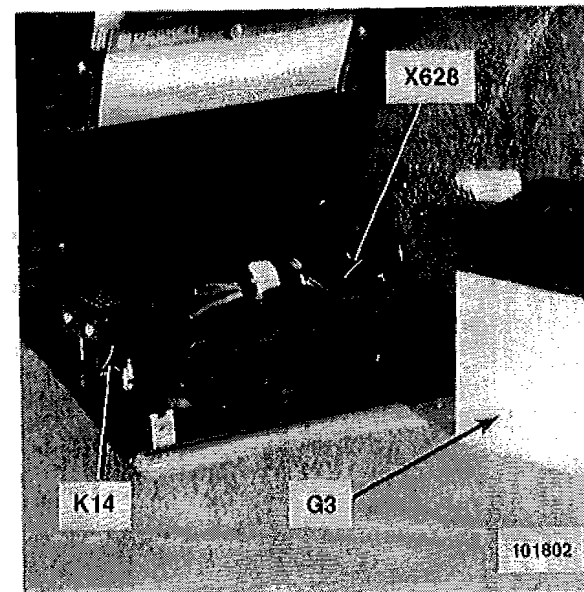
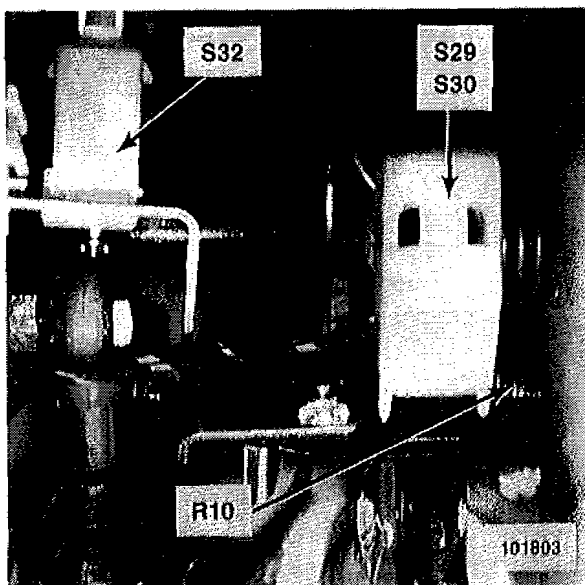


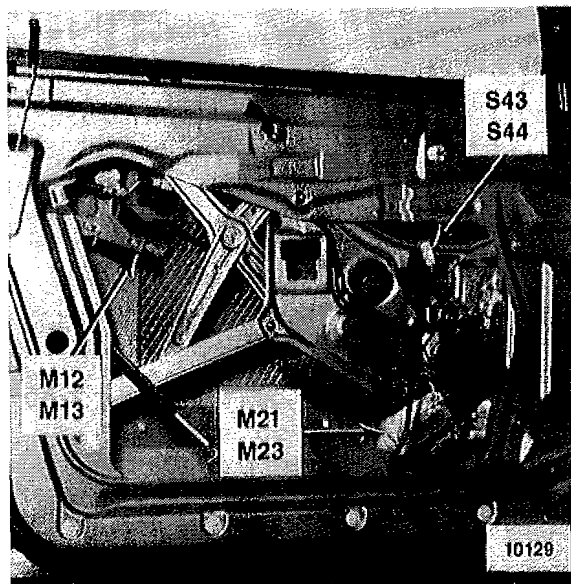
Figure 3- RH Side Of Luggage Compartment

G3 Auxiliary Battery  
K14 Auxiliary Battery Relay  
X628 Connector (3 pins)



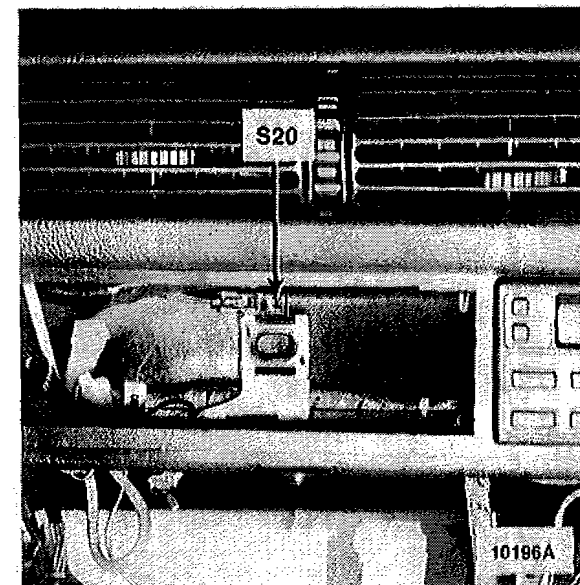
**Figure 1- Under LH Side Of Dash**

- R10 Pedal Position Sensor**
- S29 Brake Light Switch**
- S30 Brake Light Test Switch**
- S32 Clutch Switch**



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

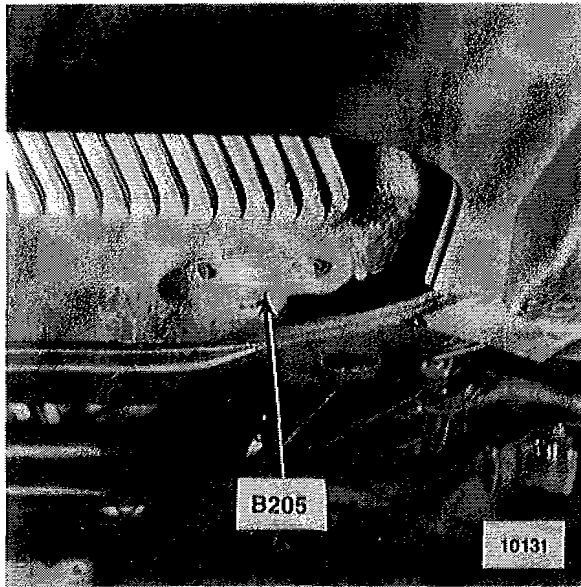
- M12 Driver's Door Lock Motor**
- M13 Passenger's Door Lock Motor**
- M21 Driver's Window Motor**
- M23 Passenger's Window Motor**
- S43 Driver's Window Limit Switch**
- S44 Passenger's Window Limit Switch**



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

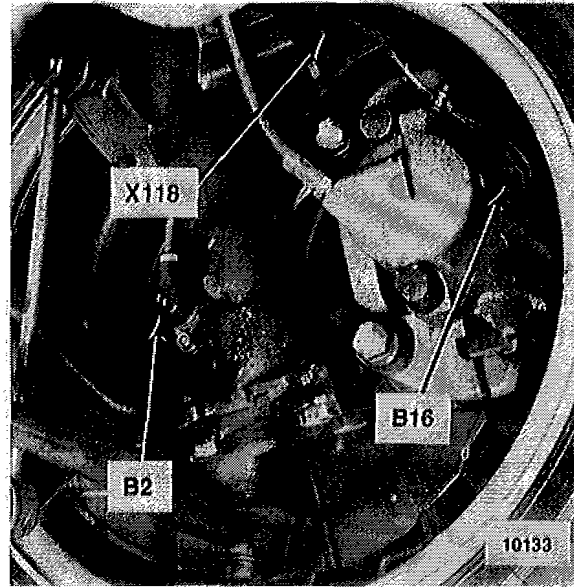
- S20 Radio Antitheft Switch (DWA)**





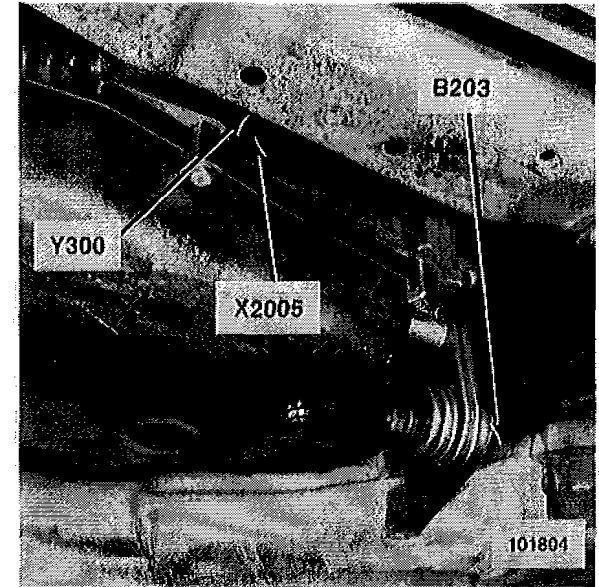
**Figure 1- Under Front Of Car**

**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**

**B203 Oxygen Sensor**  
**Y300 Transmission**  
**X2005 Connector (8 pins)**



## COMPONENT LOCATION VIEWS

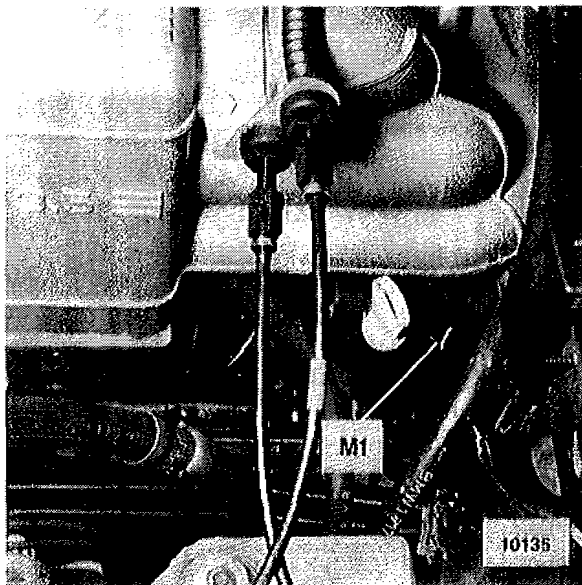


Figure 1- LH Side Of Engine

M1 Starter

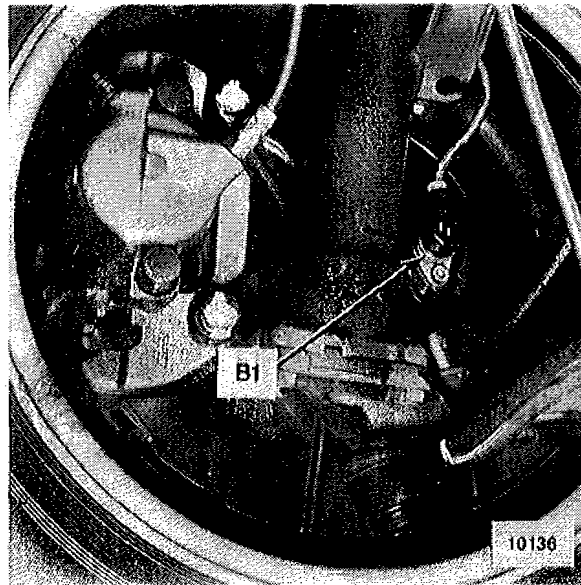


Figure 2- Behind RH Front Wheel

B1 Right Front Speed Sensor

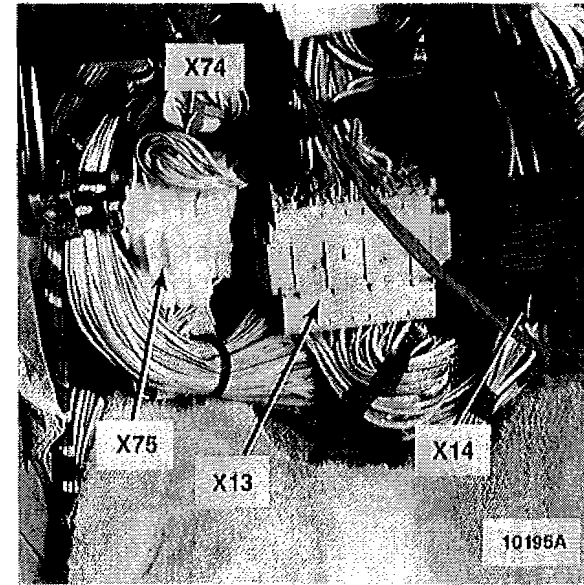
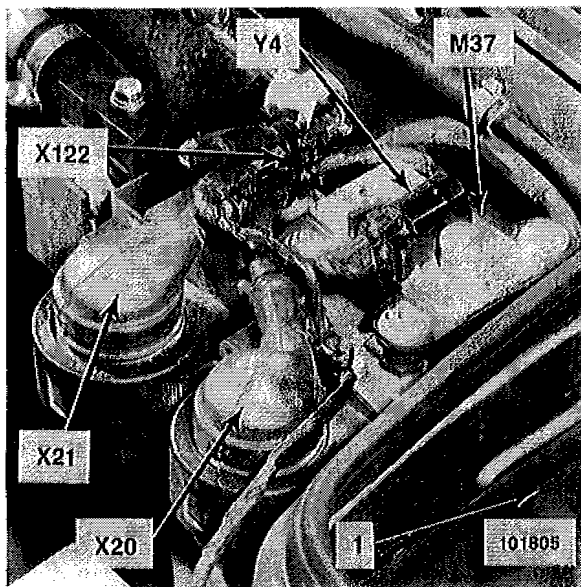


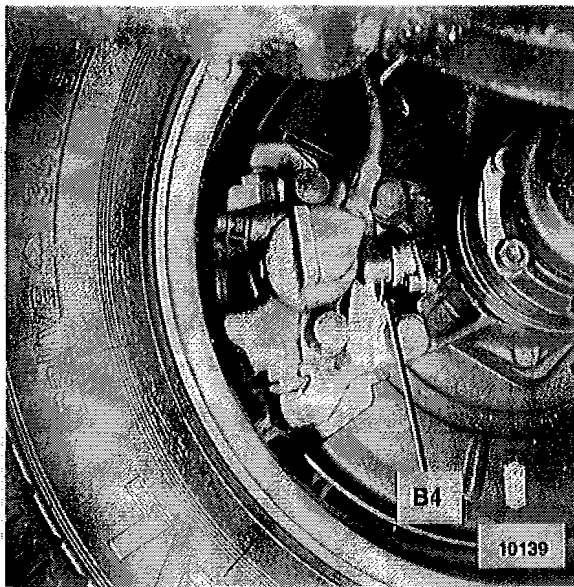
Figure 3- Below LH Side Of Dash

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



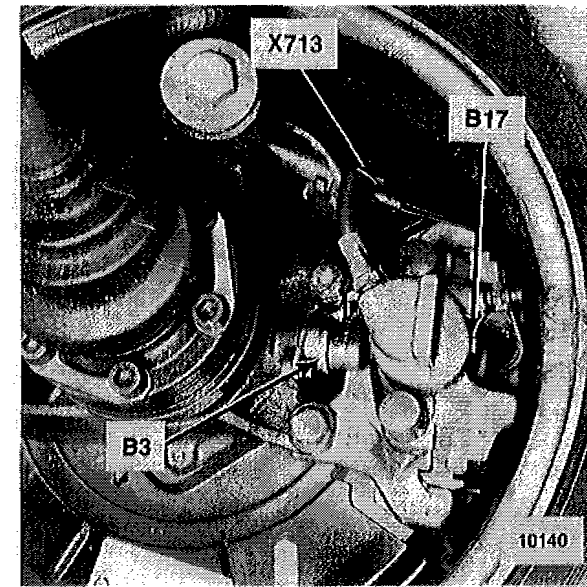
**Figure 1- LH Rear Of Engine Compartment**

- 1 Front Power Distribution Box**
- M37 Water Pump**
- X20 Connector (20 pins)**
- Y4 Water Valve Assembly**
- X122 Connector (2 pins)**
- X21 Connector (21 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)**

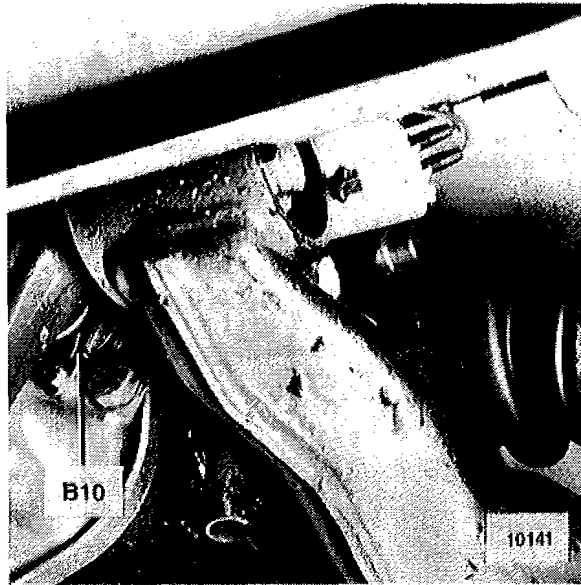


Figure 1- Rear Of Car, On Differential

B10 Vehicle Speed Sensor

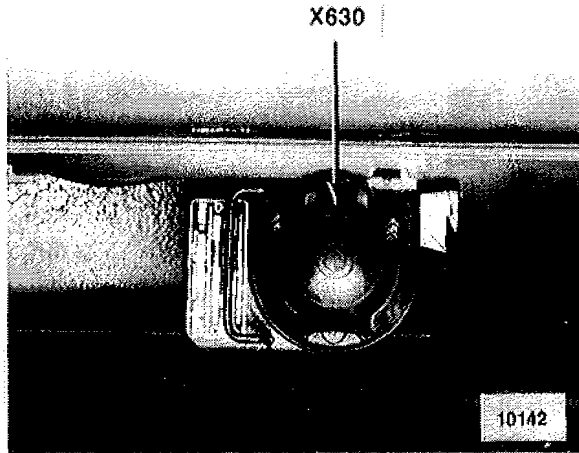


Figure 2- Rear Of Car

X630 Connector (13 pins)

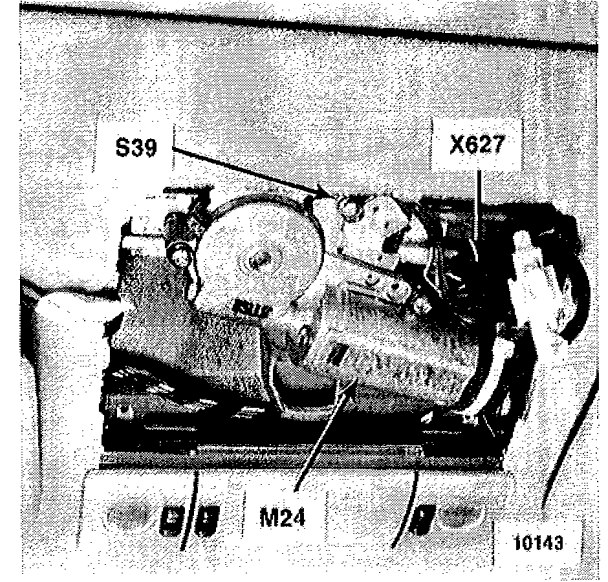


Figure 3- In Center Of Windshield Header

M24 Sunroof Motor  
S39 Sunroof Position Switch  
X627 Connector (8 pins)



## COMPONENT LOCATION VIEWS

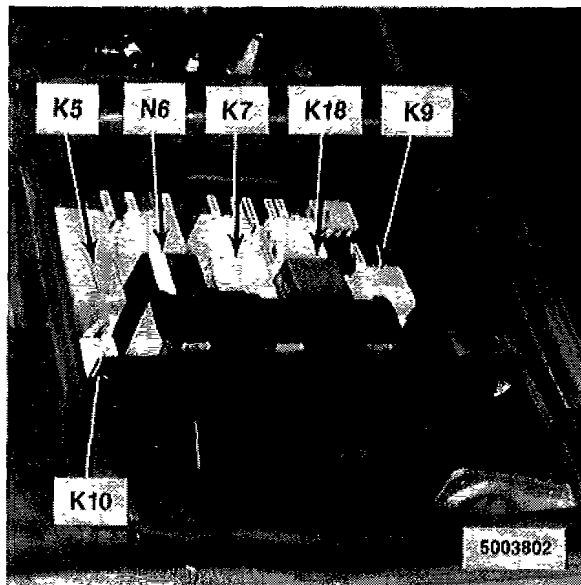


Figure 1- LH Rear Of Engine Compartment

- K5 Washer Pump Relay
- K7 Parking Light Monitor Relay
- K9 Unloader Relay, KL15
- K10 ABS Relay
- K18 Front Defogger/Water Pump Relay
- N6 Headlight/Front Fog Light Module (SRA)

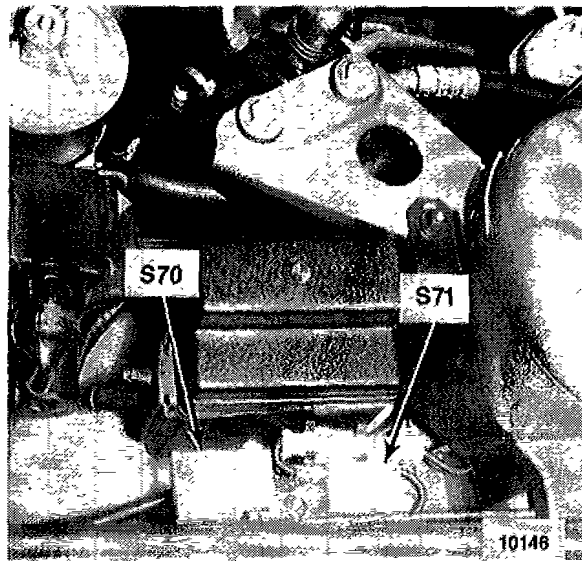


Figure 2- Top Of LH Front Wheel Well

- S70 Safety Switch
- S71 Left Front Crash Sensor

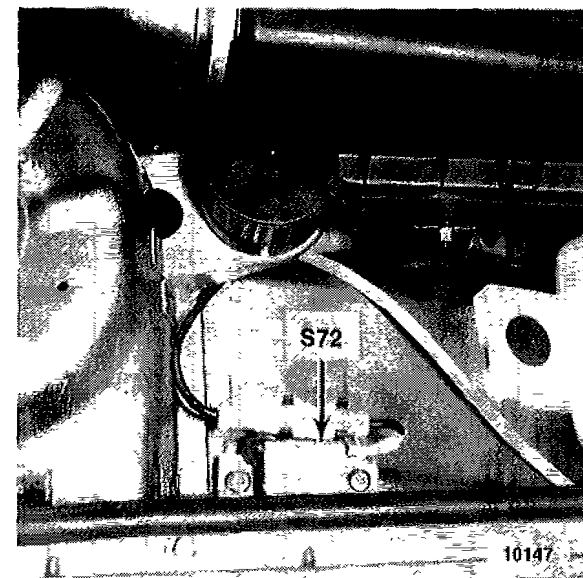
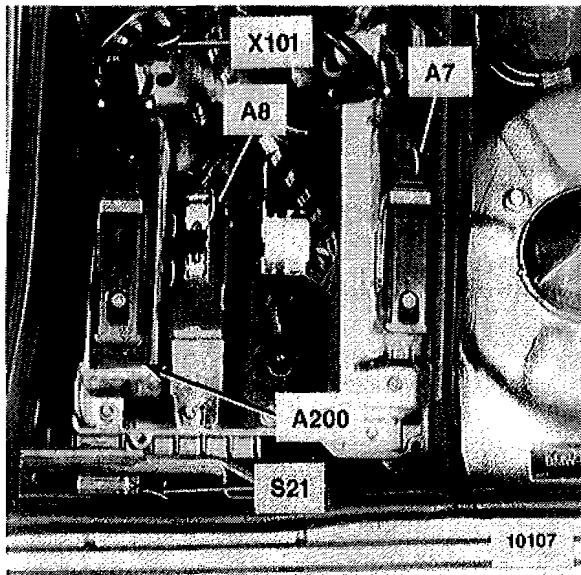


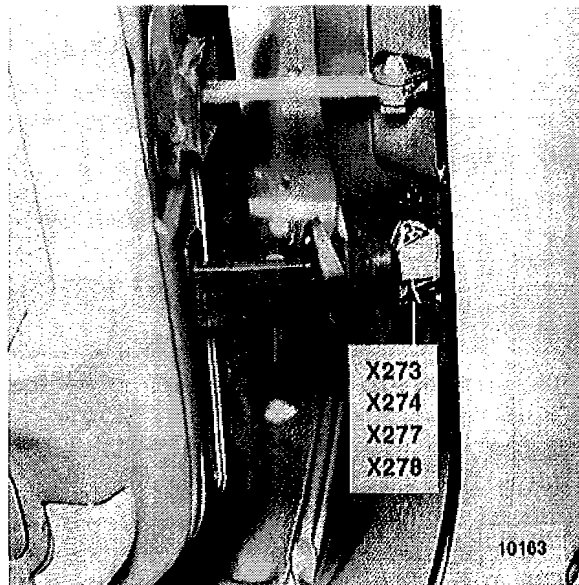
Figure 3- Top Of RH Front Wheel Well

- S72 Right Front Crash Sensor



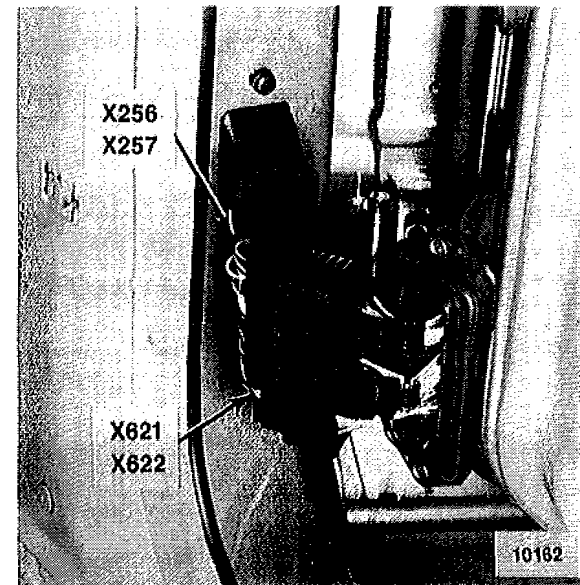
**Figure 1- RH Rear Of Engine Compartment**

- A7 ABS Electronic Control Unit**
- A8 Cruise Control Module (Tempomat)**
- A200 Motronic Control Unit (DME)**
- S21 Engine Hood Switch**
- X101 Connector (2 pins)**



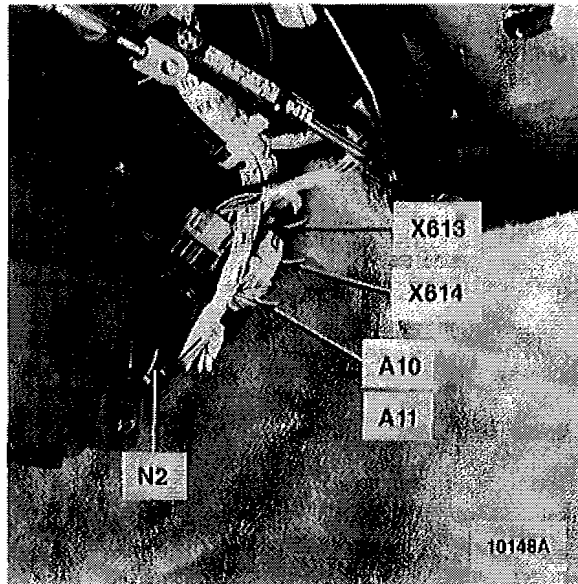
**Figure 2- LH Rear Door Jamb (RH Similar)**

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



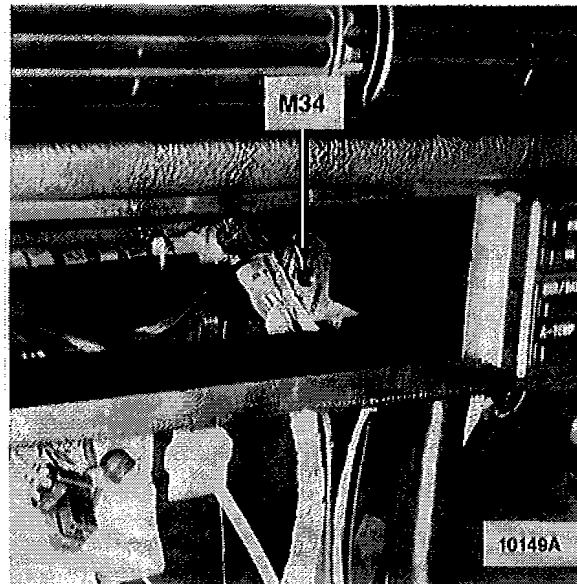
**Figure 3- RH Front Door Jamb (LH Similar)**

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



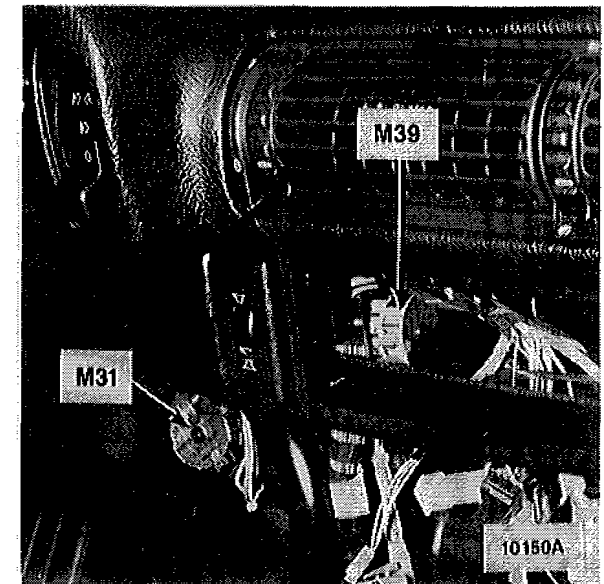
**Figure 1- LH Side Of Passenger's Footwell**

- A10 Electronic Heater Control Unit (IHR)**
- 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**

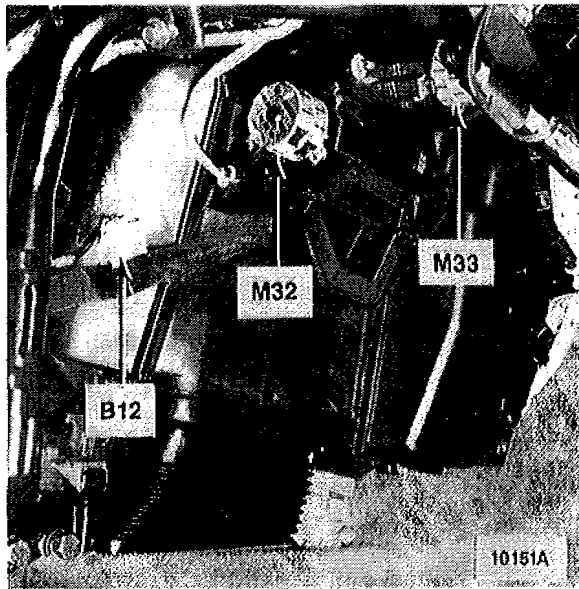


Figure 1- LH Side Of Passenger's Footwell

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

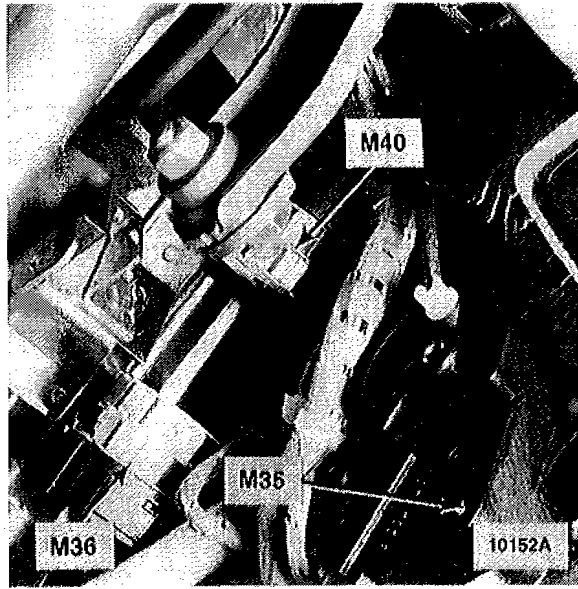


Figure 2- LH Side Of IHR/IHKA Plenum

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

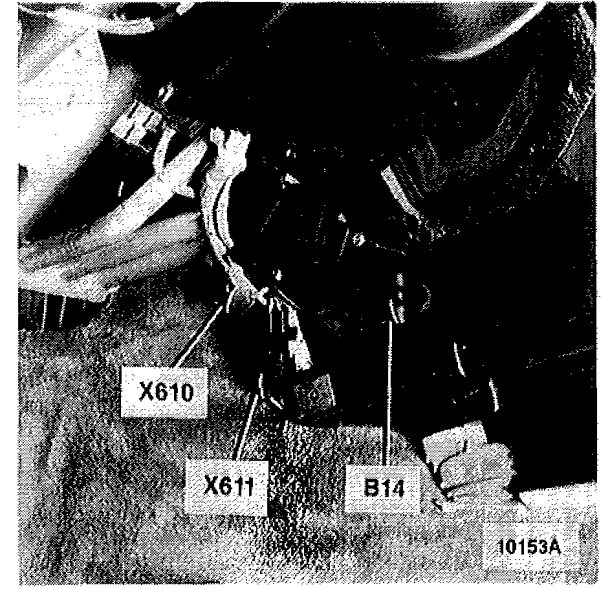
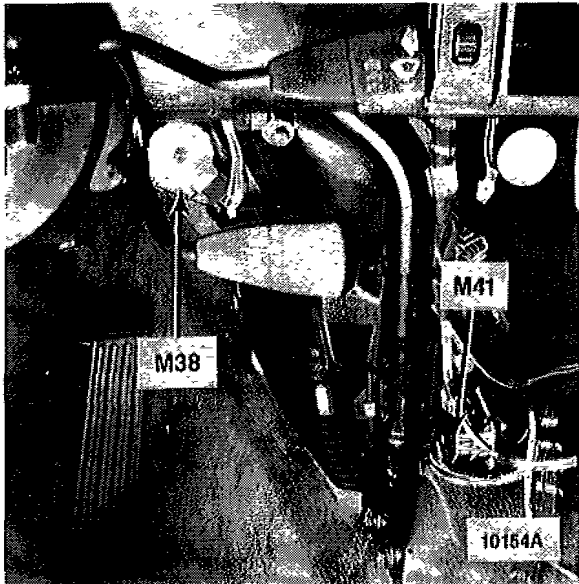


Figure 3- RH Side Of Driver's Footwell

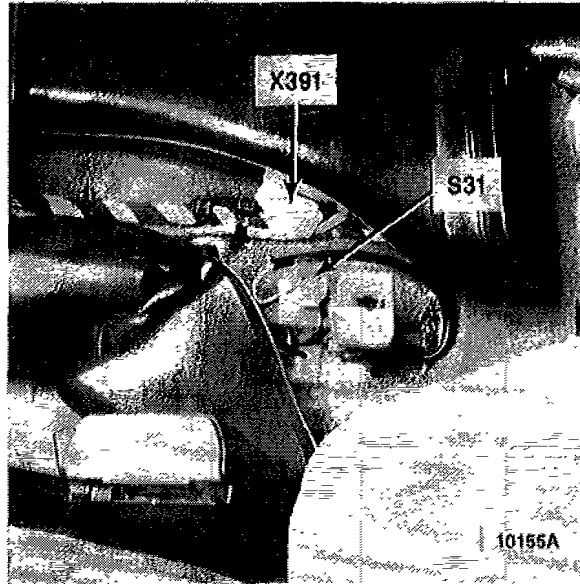
- B14 Evaporator Temperature Sensor
- X610 Connector (26 pins)
- X611 Connector (26 pins)





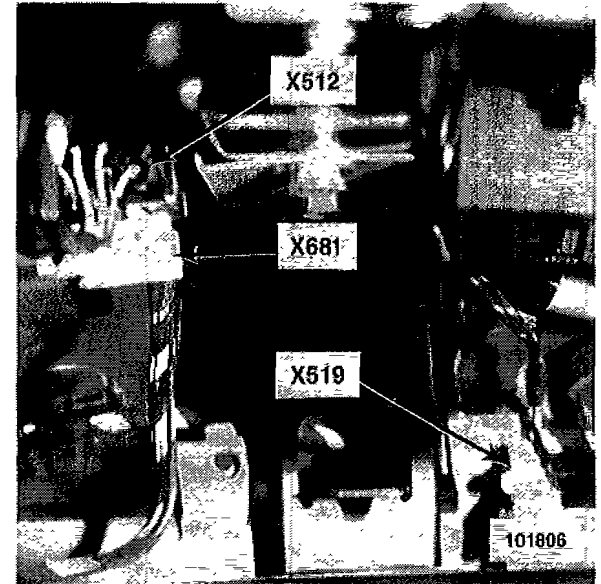
**Figure 1- Front LH Side Of Console**

- 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)**
- X519 Connector (4 pins)**



## COMPONENT LOCATION VIEWS

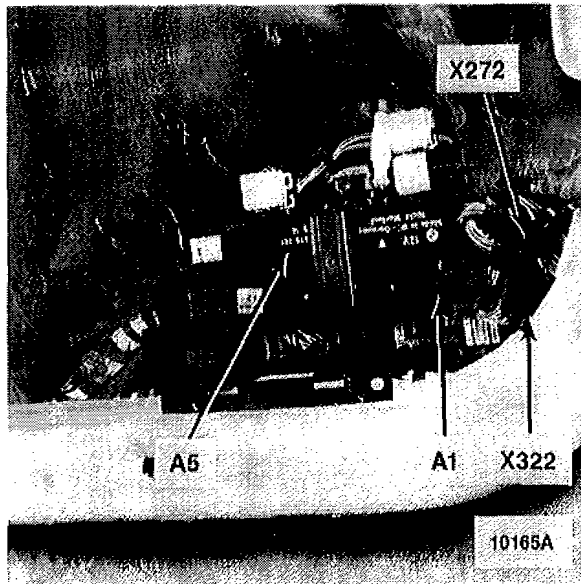


Figure 1- Below LH Side Of Rear Seat

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

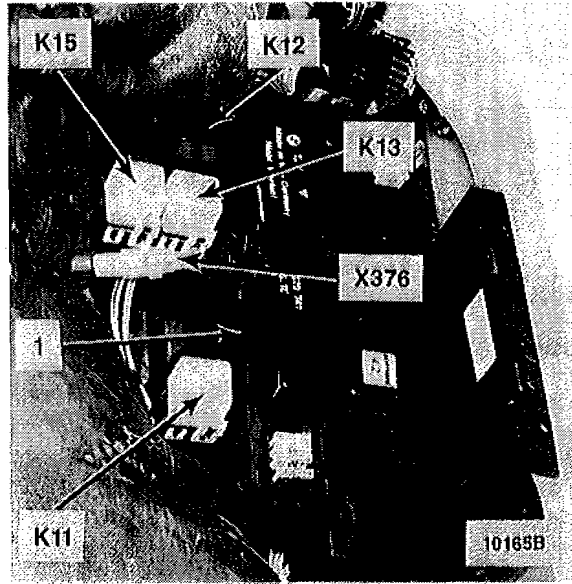


Figure 2- Below LH Side Of Rear Seat

- 1 Rear Power Distribution Box
- K11 Wiper Relay
- K12 Wiper Pressure Control Relay (ADV)
- K13 Rear Defogger Relay
- K15 Electric Power Protection Relay
- X376 Connector (2 pins)

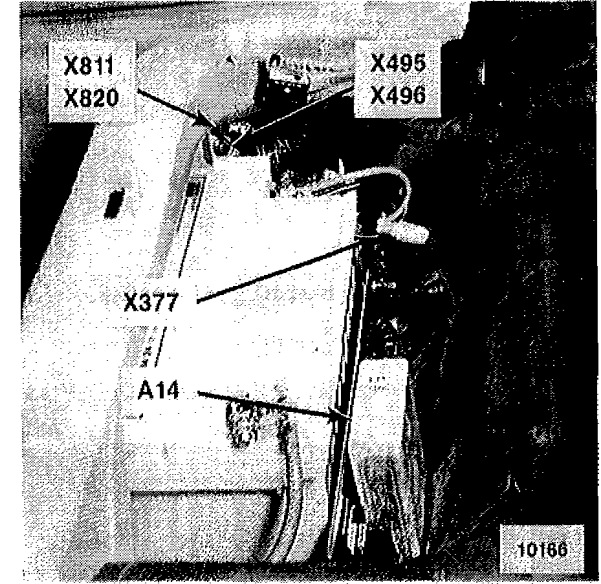
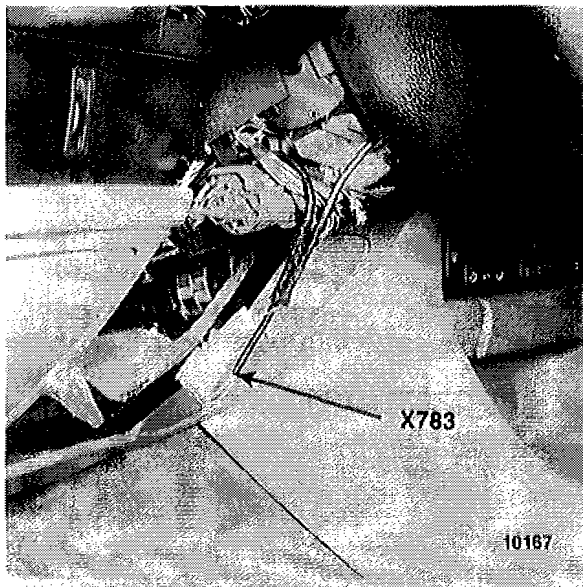


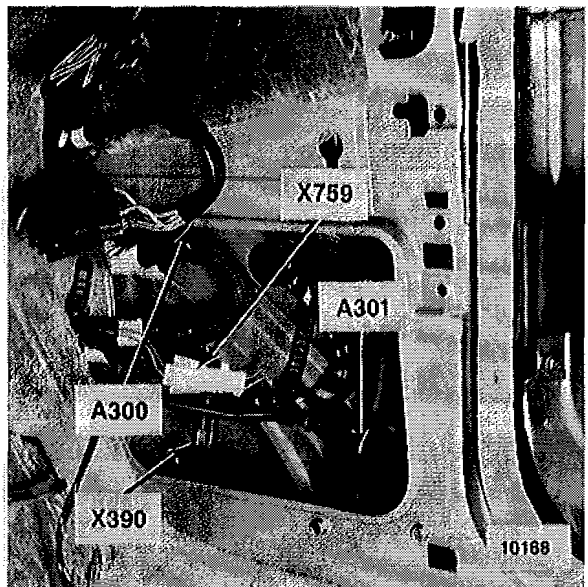
Figure 3- Below RH Side Of Rear Seat

- A14 Park Heating/Ventilation Control Unit
- X377 Connector (2 pins)
- X495 Ground
- X496 Ground
- X811 Ground
- X820 Ground



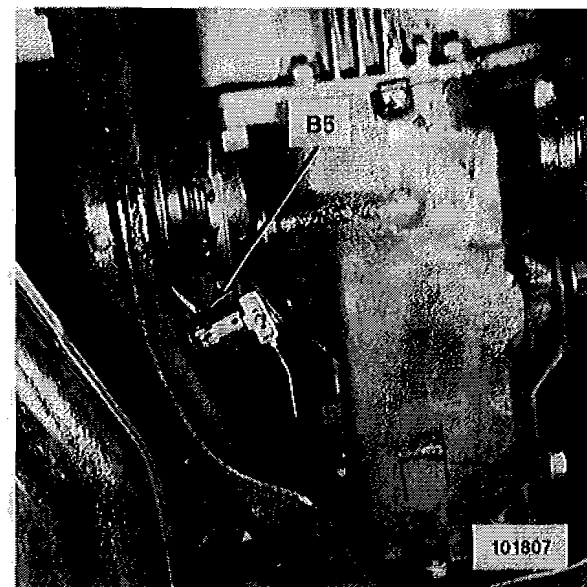
**Figure 1- Underside Of Steering Column**

**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)**
- X759 Connector (2 pins)**
- A301 Kick-Down Prevent Relay**



**Figure 3- LH Side of Differential**

**B5 Level Control Unit**

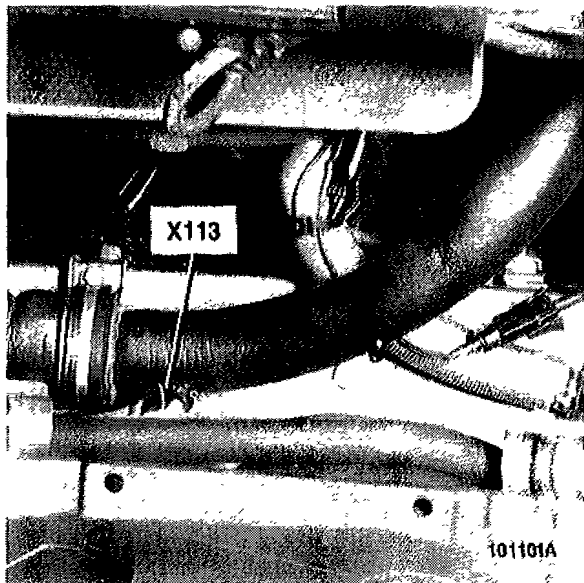


Figure 1- Lower RH Side Of Engine Compartment

X113 Connector (2 pins)

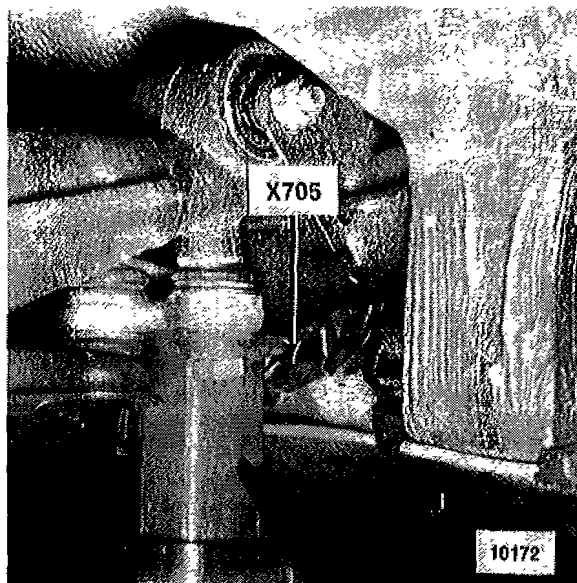


Figure 2- Front Of RH Rear Wheel Well

X705 Connector (2 pins)

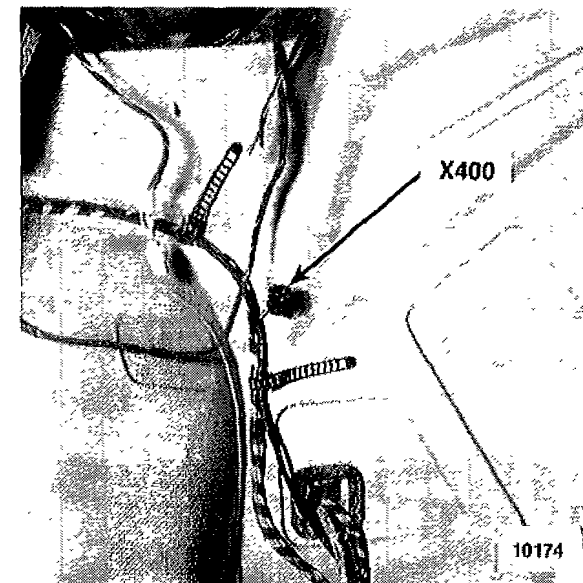


Figure 3- RH Rear Wheel Well (Behind Seat)

X400 Connector (2 pins)

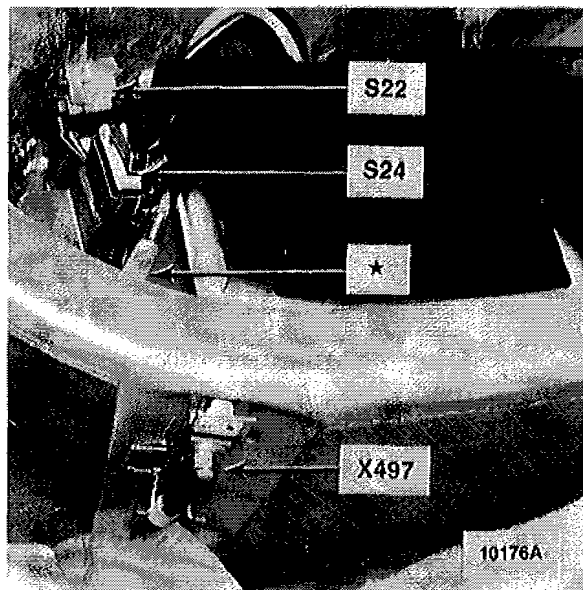


Figure 1- Under RH Side Of Rear Seat

- ★ Fusible Link A
- S22 Battery Switch
- S24 Rear Seat Switch
- X497 Ground (Battery)

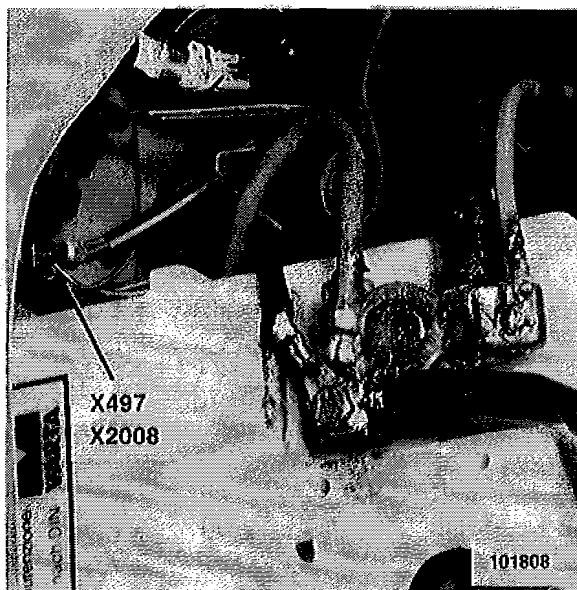


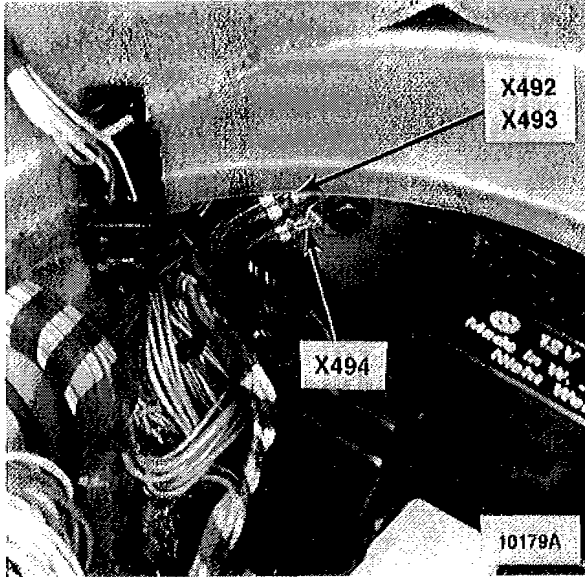
Figure 2- Under RH Side Of Rear Seat

- X497 Ground
- X2008 Ground



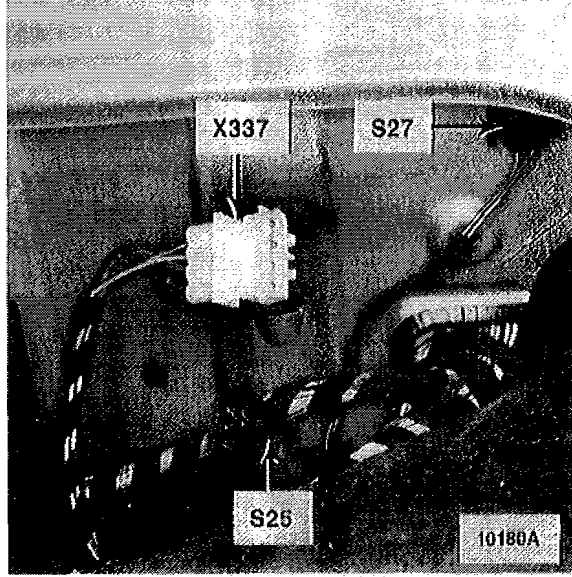
Figure 3- Under LH Side Of Rear Seat

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



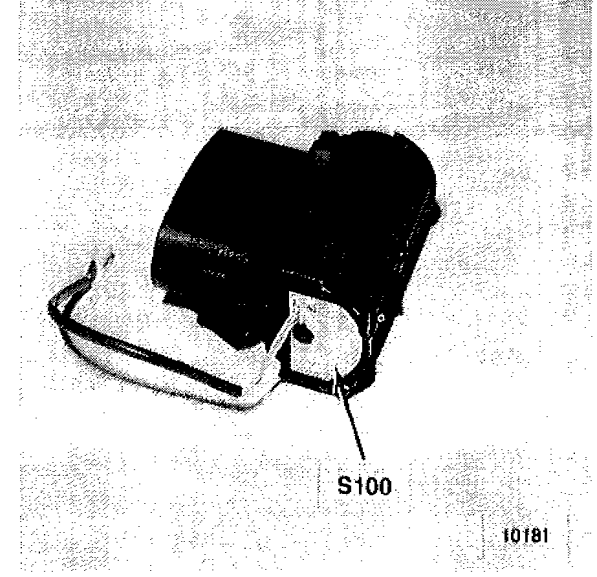
**Figure 1- Under LH Side Of Rear Seat**

- X492 Ground
- X493 Ground
- X494 Ground



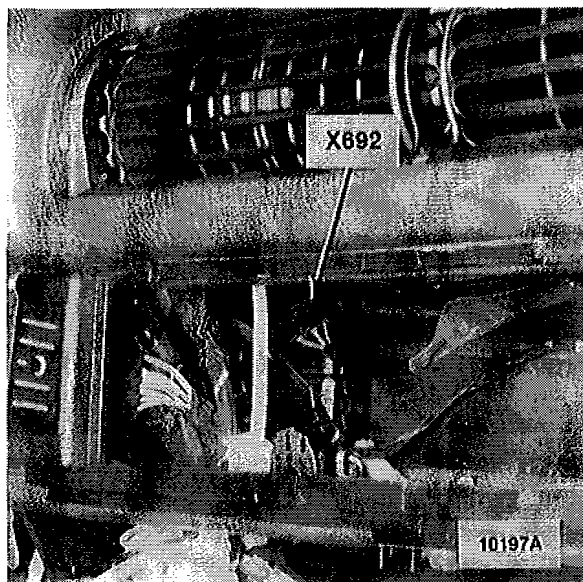
**Figure 2- Below LH Side Of Rear Seat**

- S25 Coding Plug
- S27 Inertia Switch
- X337 Connector (4 pins)



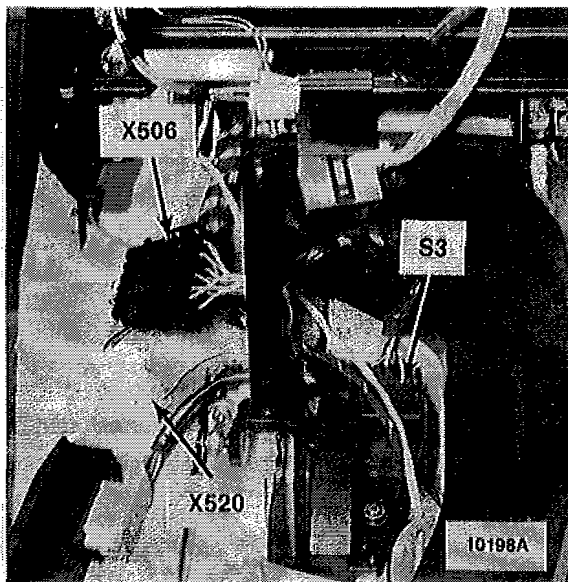
**Figure 3- IHR/IHKA Rear Vent**

- S100 Rear Vent Flap Switch



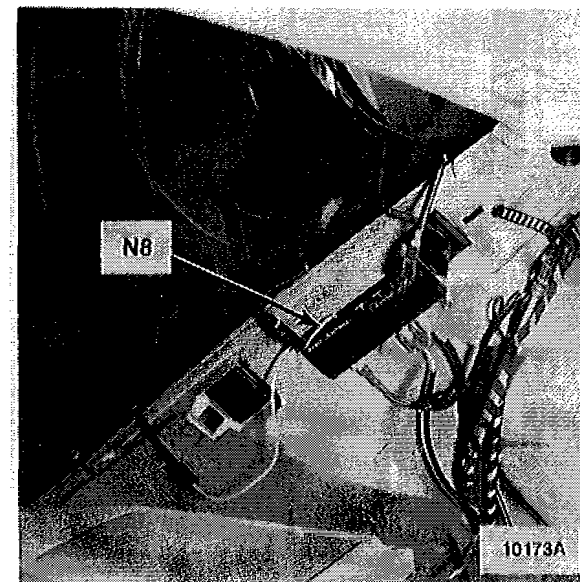
**Figure 1- Center Of Dash (Radio Removed)**

**X692 Connector (3 pins)**



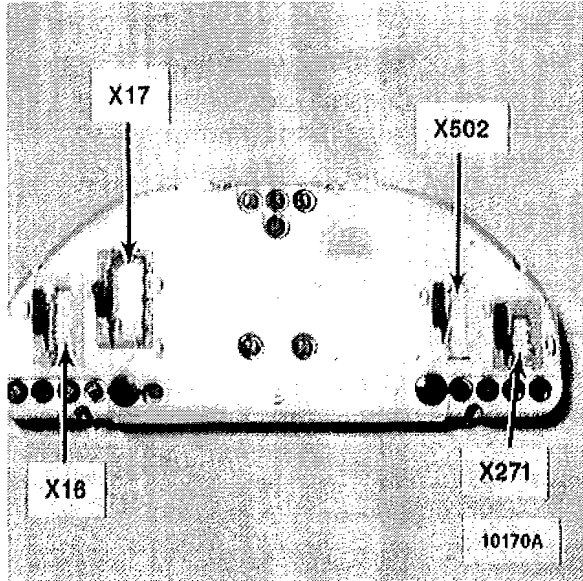
**Figure 2- Under Center Console (Console Removed)**

**S3 Automatic Transmission Range Switch**  
**X506 Connector (12 pins)**  
**X520 Connector (3 pins)**



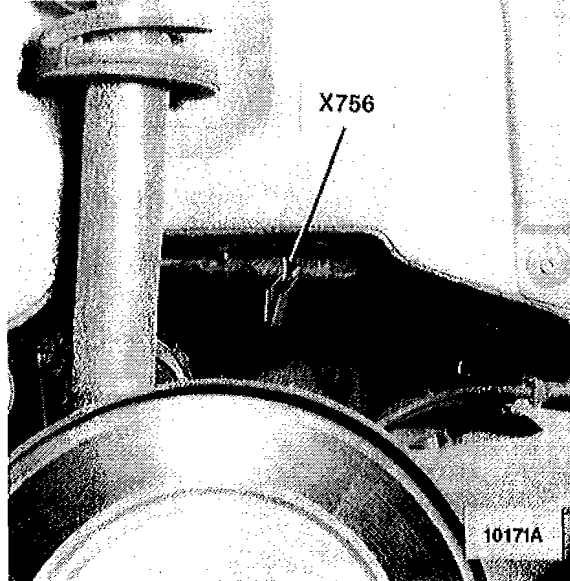
**Figure 3- In LH C Pillar**

**N8 Antenna Amplifier**



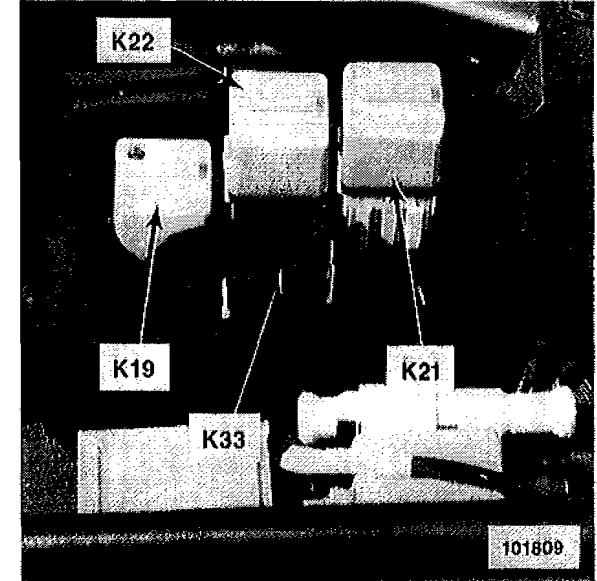
**Figure 1- Rear Of Instrument Cluster**

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



**Figure 2- RH Rear Wheel Well**

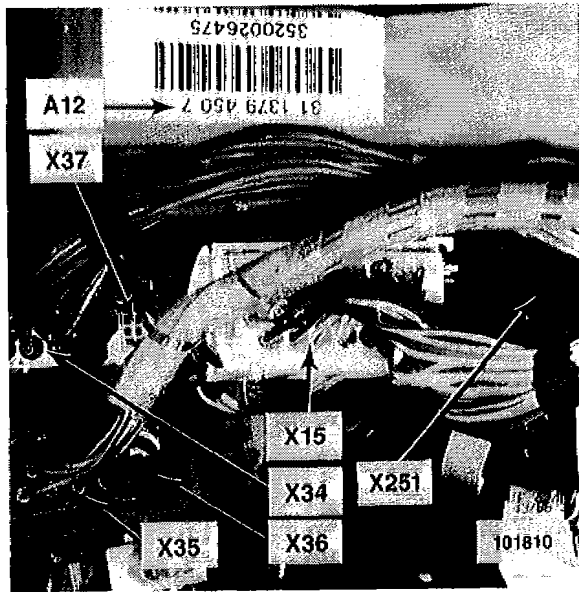
- X756 Connector (2 pins)**



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

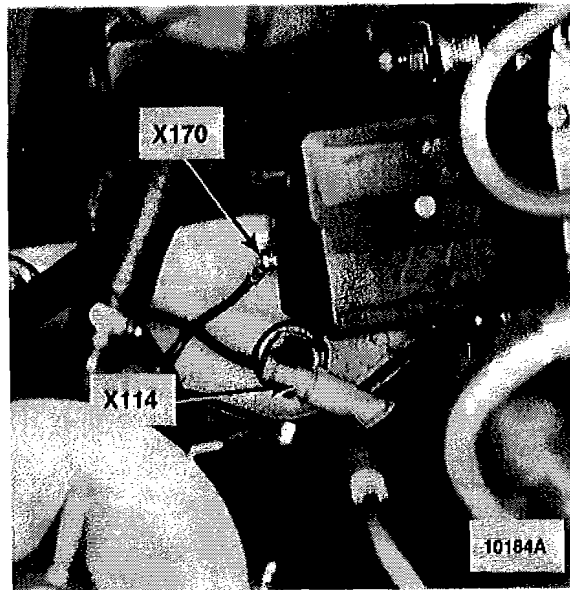
- K19 Compressor Control Relay**
- K21 Normal Speed Relay**
- K22 High Speed Relay**
- K33 Air Conditioning Motronic Relay**





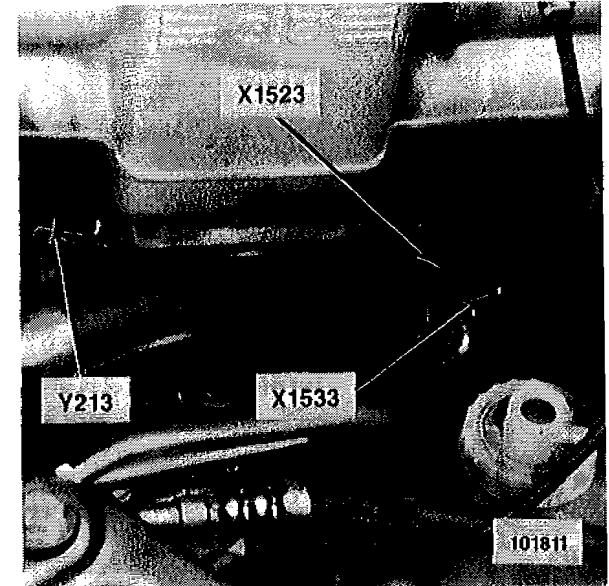
**Figure 1- Below LH Side Of Dash**

- A12 Diagnostic Module (SRS)**
- X15 Connector (30 pins) WS**
- X34 Connector (12 pins) WS**
- X35 Connector (12 pins) SW**
- X36 Connector (10 pins) SW**
- X37 Connector (10 pins) WS**
- X251 Connector (30 pins) SW**



**Figure 2- Lower LH Side Of Engine Compartment**

- X114 Connector (2 pins)**
- X170 Ground**



**Figure 3- Lower LH Side Of Engine**

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

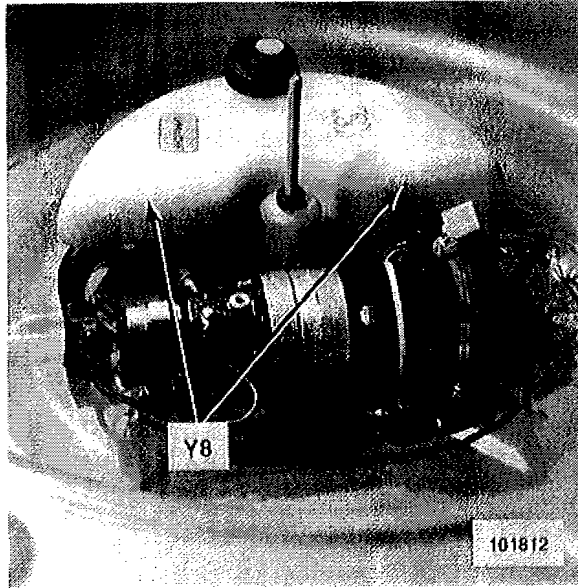


Figure 1- Spare Tire Housing

Y8 Hydraulic Height Level Control System

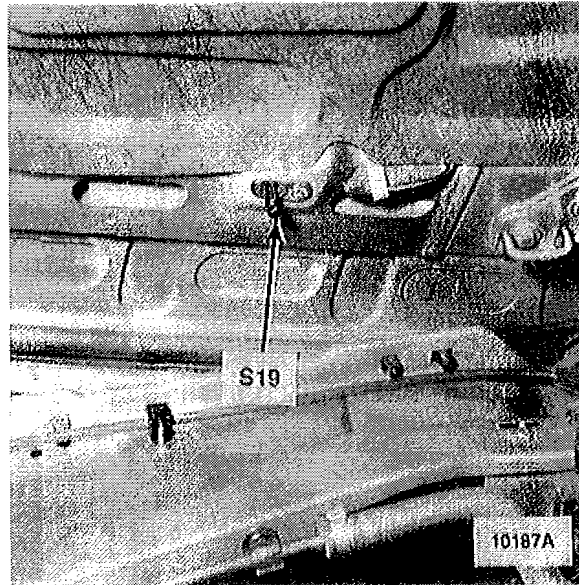


Figure 2- LH Front Of Engine Hood

S19 Underhood Light Switch

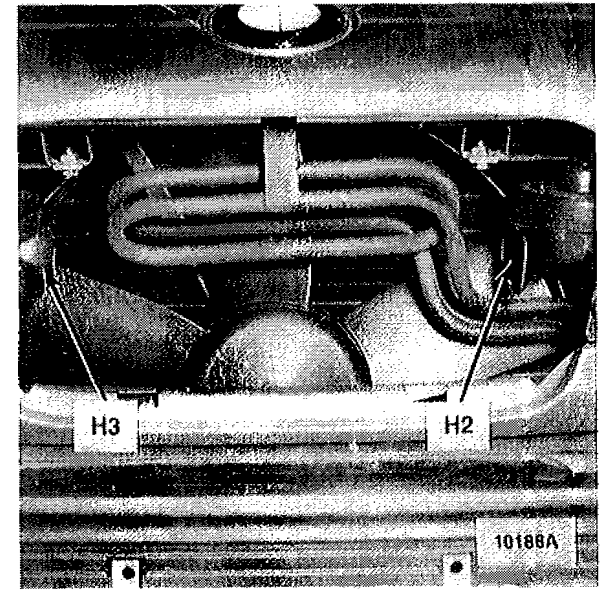


Figure 3- Front Of Car (Grille Removed)

H2 Left Horn  
H3 Right Horn



## COMPONENT LOCATION VIEWS



Figure 1- Behind LH Fog Light

X71 Connector (8 pins)

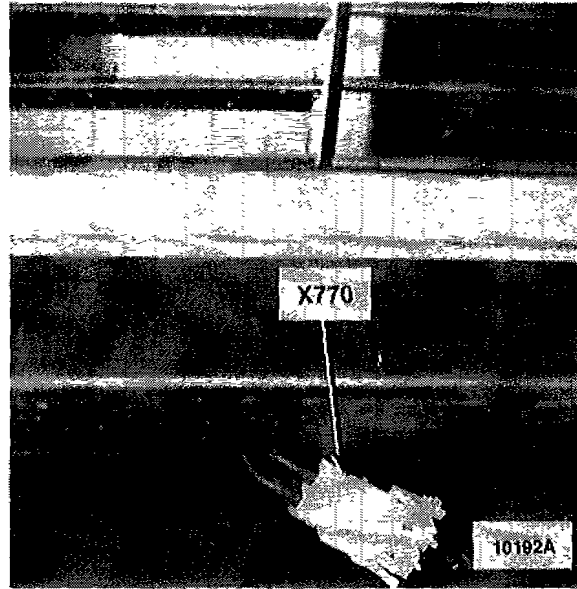


Figure 2- Below LH Side Of Dash

X770 Connector (2 pins)

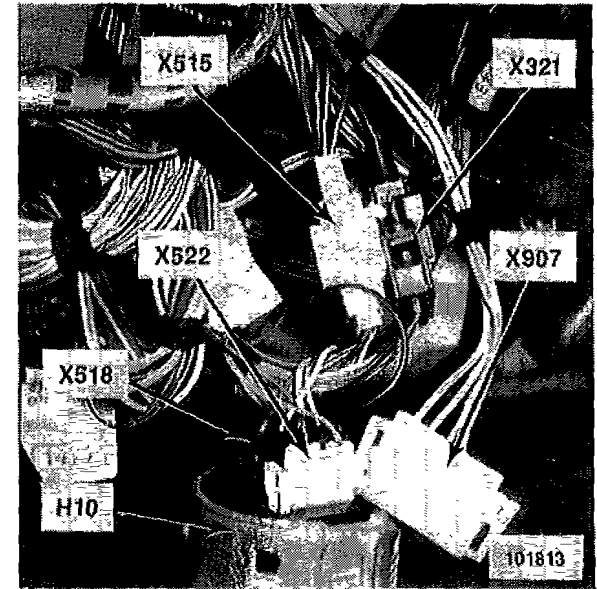
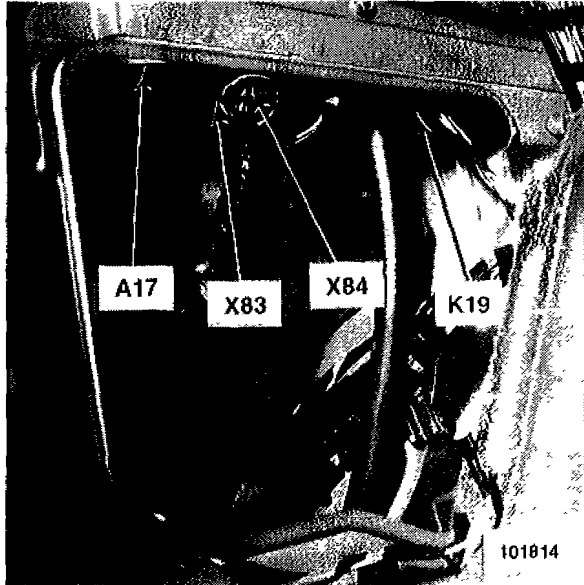


Figure 3- Below LH Side Of Dash

- H10 Chime Module
- X321 Connector (6 pins) SW
- X515 Connector (6 pins) WS
- X518 Connector (4 pins) SW
- X522 Connector (3 pins) WS
- X907 Connector (6 pins) WS



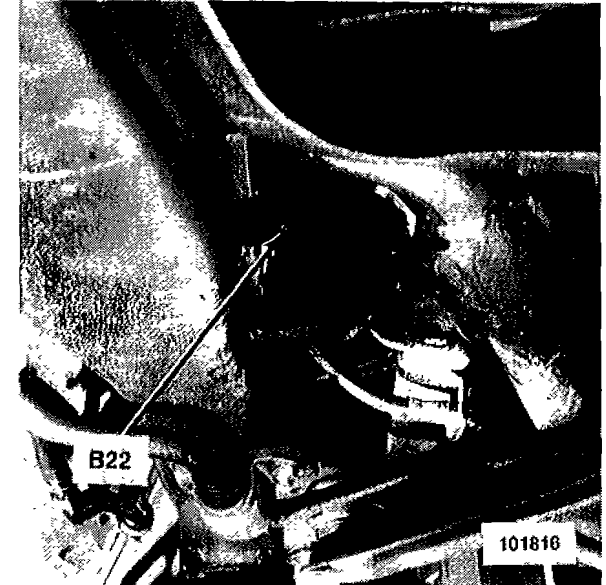
**Figure 1- LH Side Of Driver's Footwell**

- A17 Servotronic Control Unit**
- K19 Compressor Control Relay**
- X83 Connector (3 pins)**
- X84 Connector (3 pins)**
- X683 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**

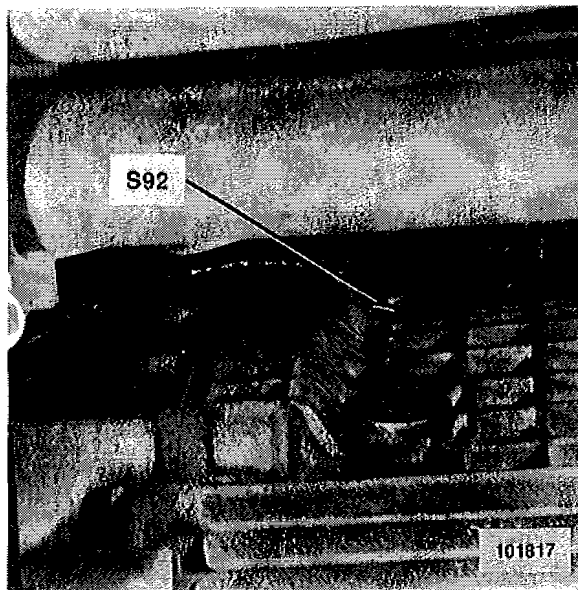


Figure 1- RH Side Of Transmission

S92 Manual Transmission Back Up Switch

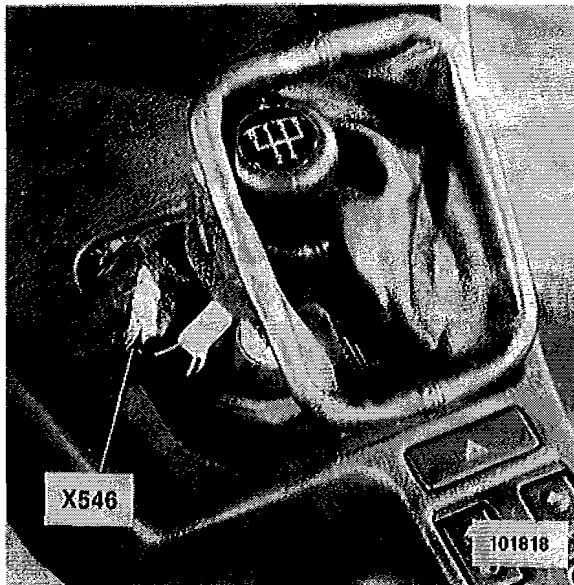


Figure 2- Center Of Console

X546 Connector (2 pins)

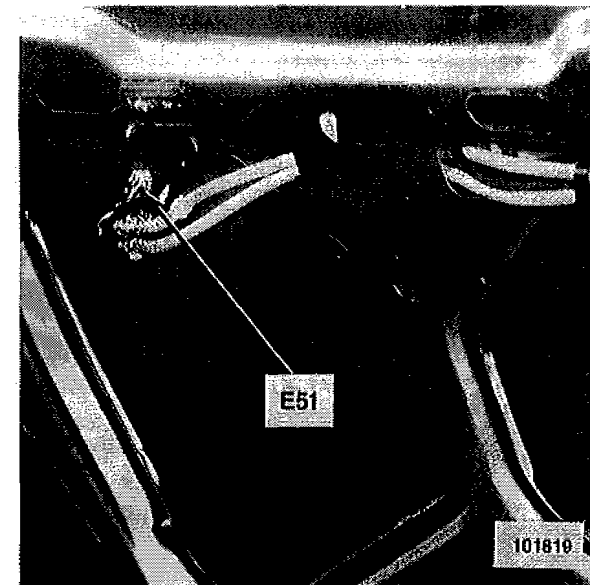
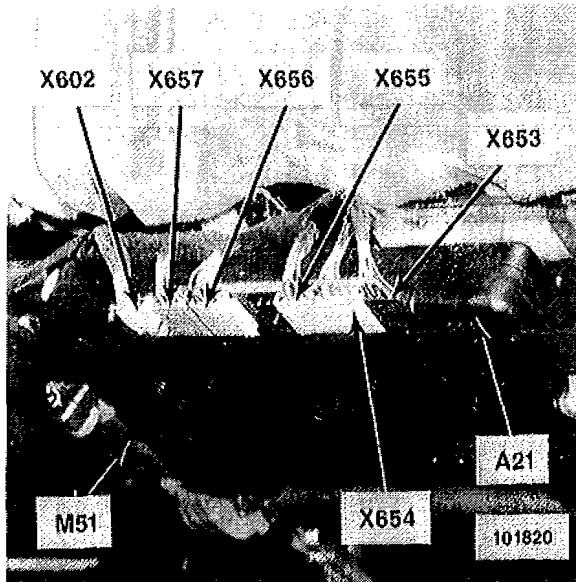


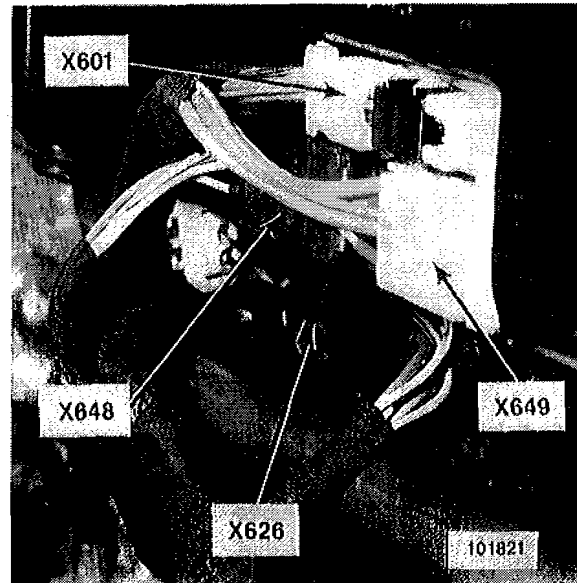
Figure 3- Engine Hood

E51 Left Washer Jet Heater



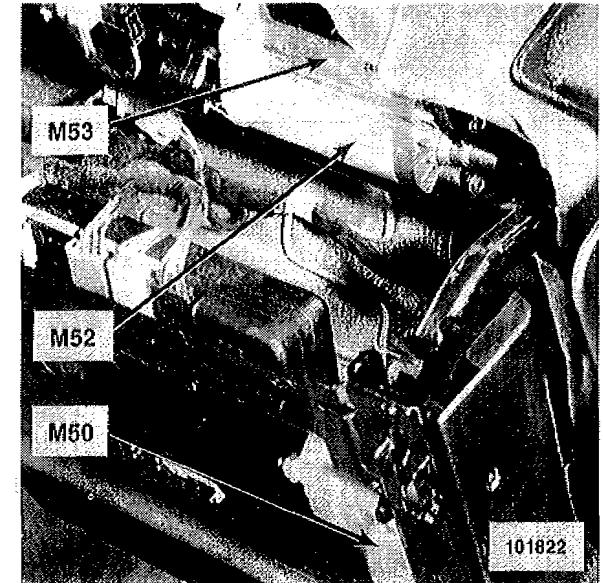
**Figure 1- Front Of Driver's Seat**

- 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 2- Under Driver's Seat**

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



**Figure 3- 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

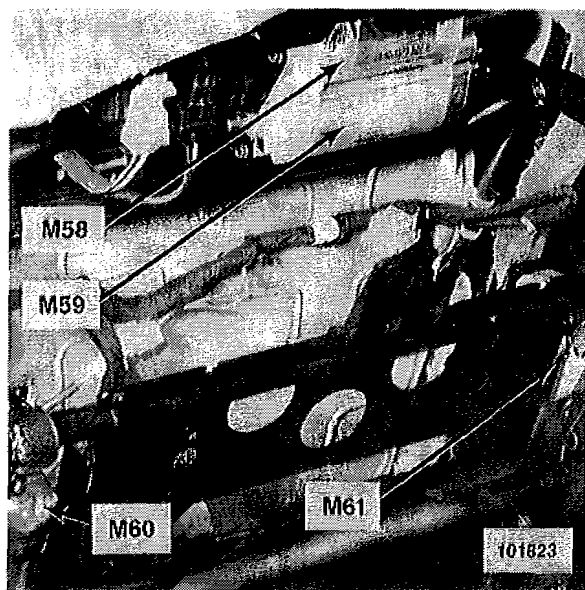


Figure 1- Under Passenger's Seat

- 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

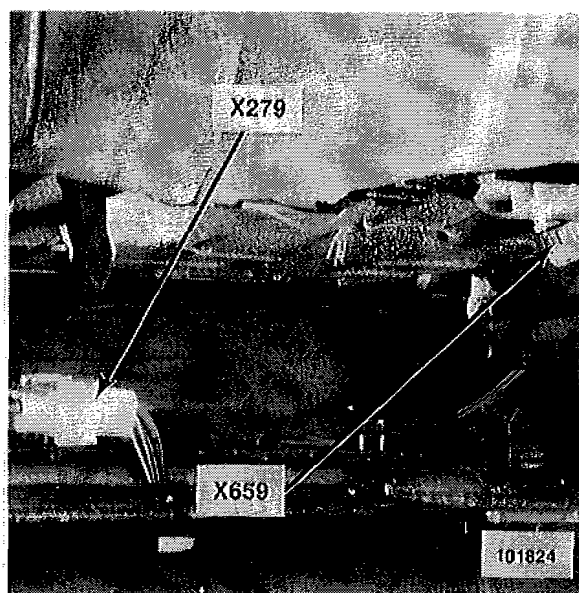


Figure 2- Under Passenger's Seat

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

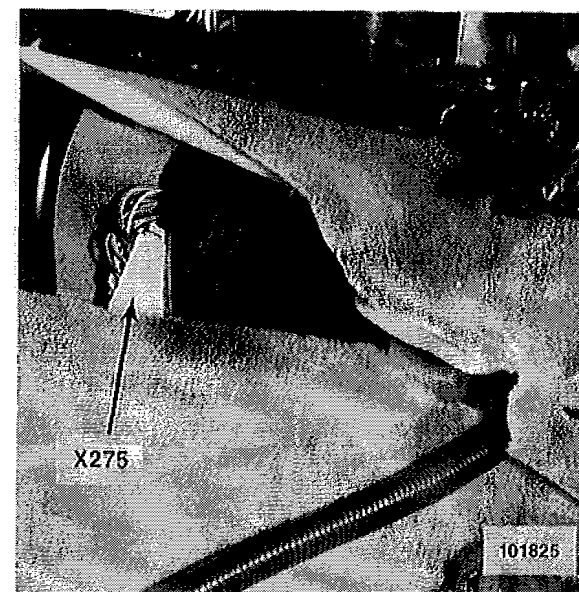


Figure 3- Under Driver's Seat (with Memory)

- X275 Connector (12 pins)

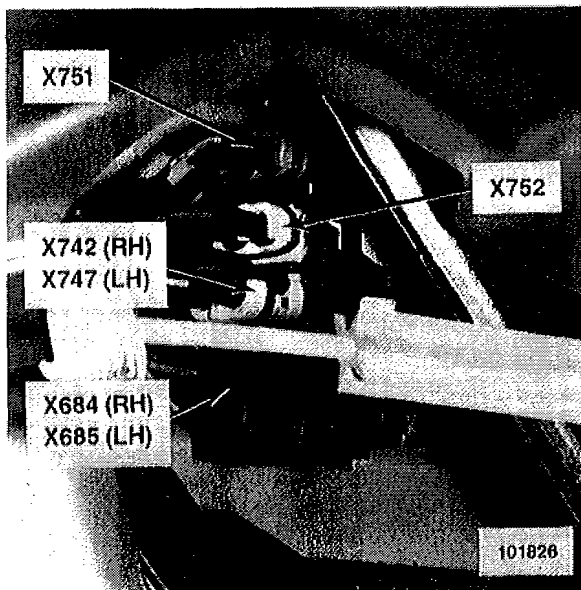


Figure 1- Driver's Door (Passenger's Door Similar)

- 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

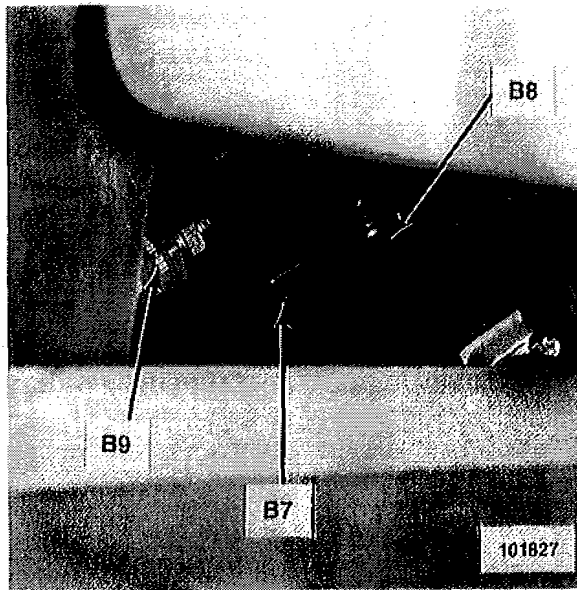


Figure 2- RH Front Of Engine Compartment

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

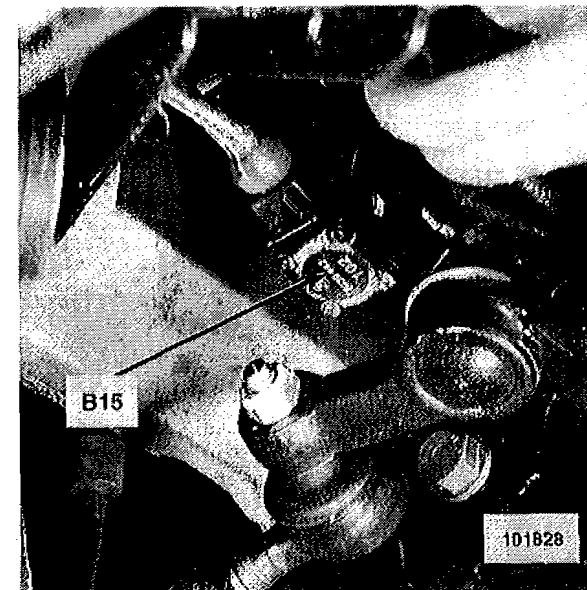


Figure 3- Behind LH Front Wheel

- B15 Electro-Hydraulic Converter (Servotronic)



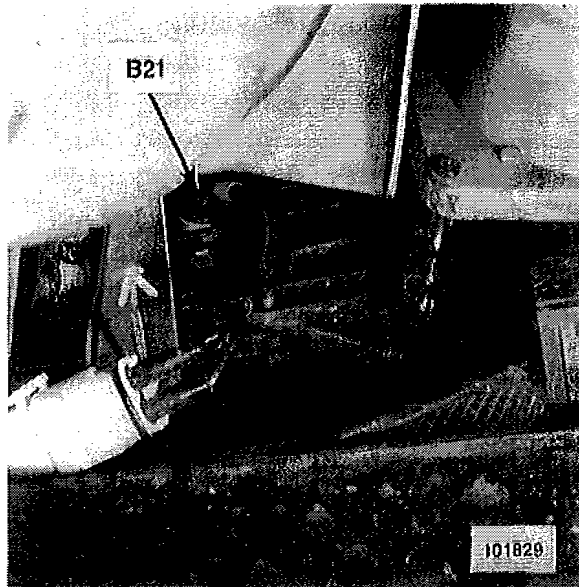


Figure 1- Lower RH Front

B21 On-Board Computer  
Temperature Sensor

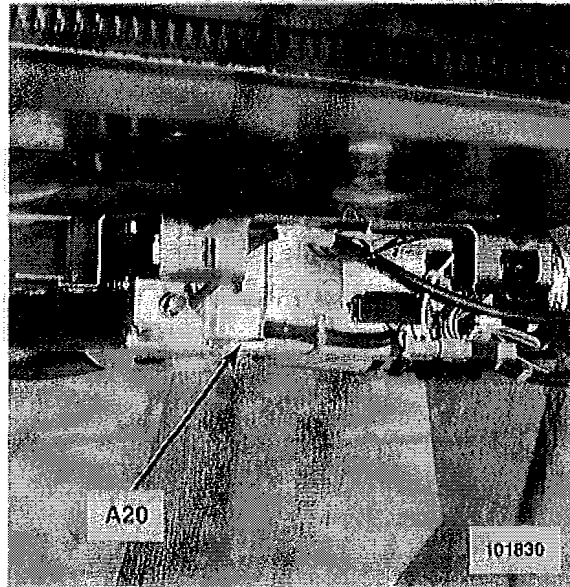


Figure 2- In Luggage Compartment

A20 Booster/Amplifier

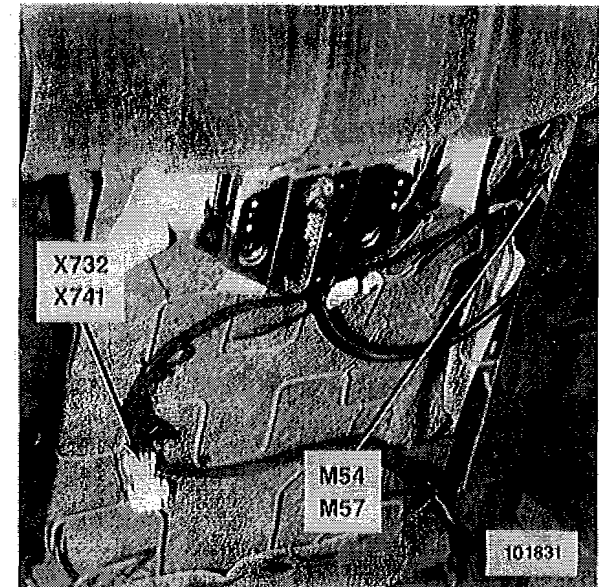
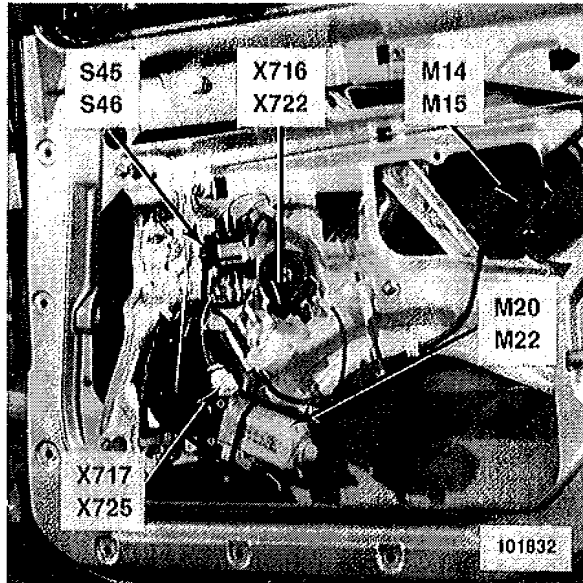


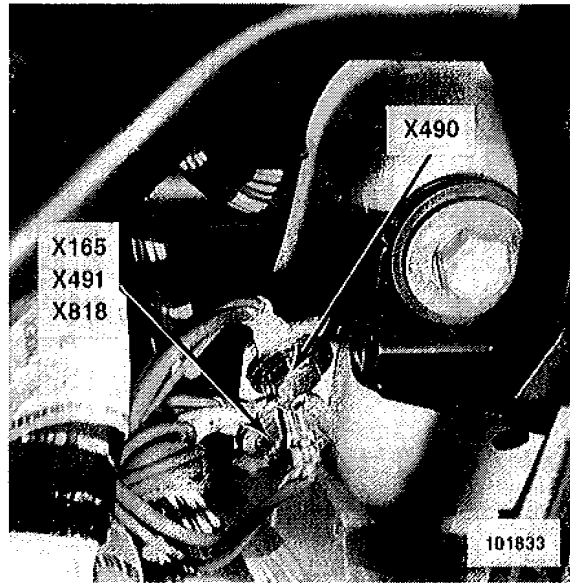
Figure 3- Back of LH Front Seat

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



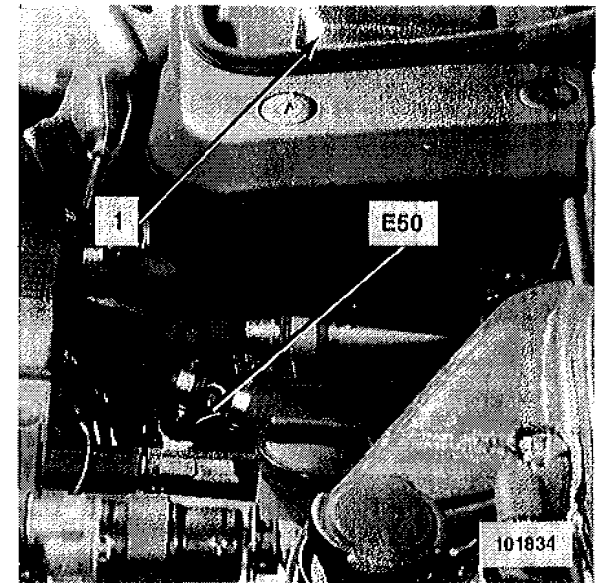
**Figure 1- RH Rear Door**

- 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)**
- X725 Connector (2 pins)**



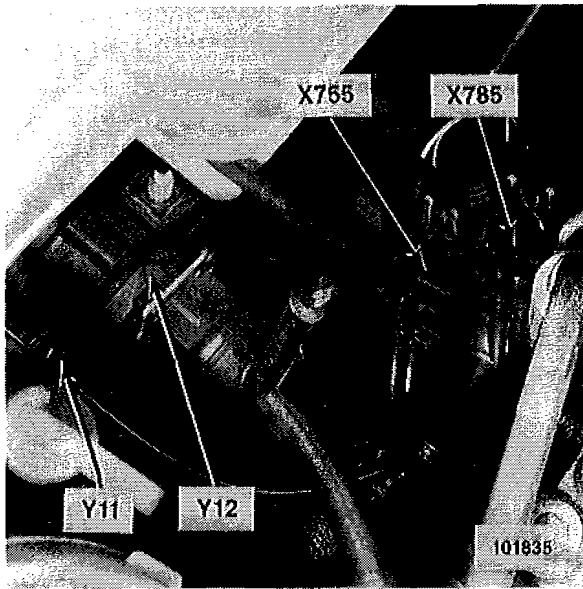
**Figure 2- Below LH Side Of Dash**

- X165 Ground**
- X490 Ground**
- X491 Ground**
- X818 Ground**



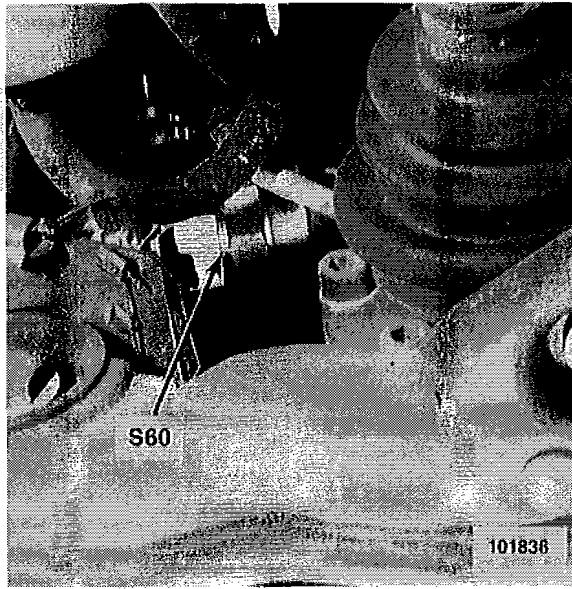
**Figure 3- RH Rear Corner Of Engine Compartment**

- E50 Park Heating Unit**
- 1 E Box**



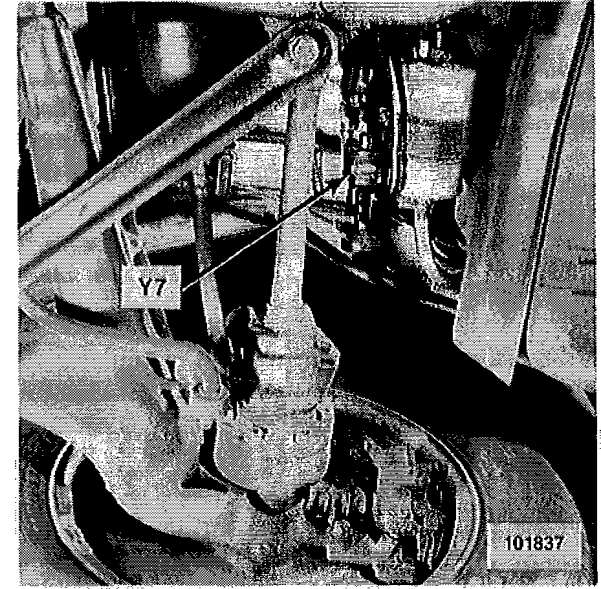
**Figure 1- LH Side Of Engine**

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



**Figure 2- RH Side Of Differential**

- S60 Hydraulic Switch**



**Figure 3- Behind RH Rear Wheel**

- Y7 Park Heating Metering Pump**

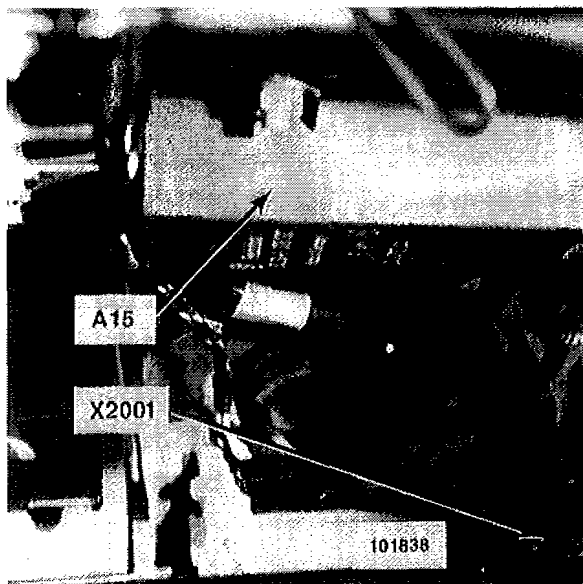


Figure 1- Behind Glove Box

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

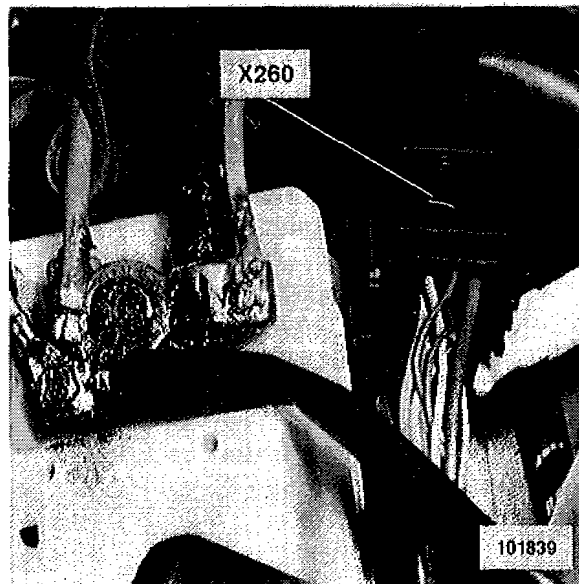


Figure 2- Under RH Side Of Rear Seat

- X260 Connector (21 pins)

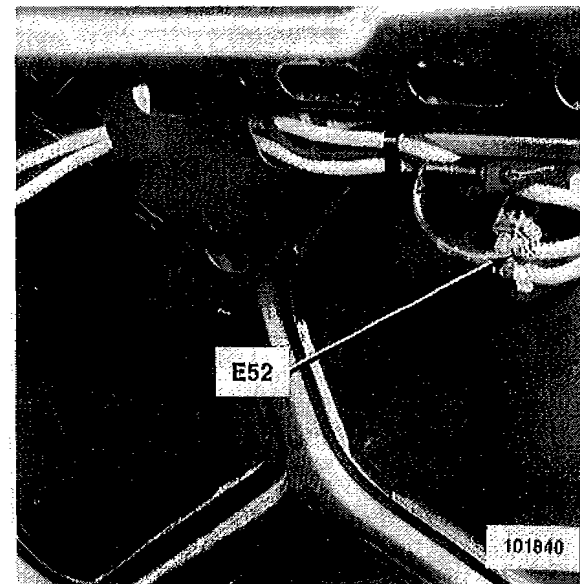


Figure 3- Engine Hood

- E52 Right Washer Jet Heater



# SPLICE LOCATION VIEWS

## SPLICE LOCATION INDEX

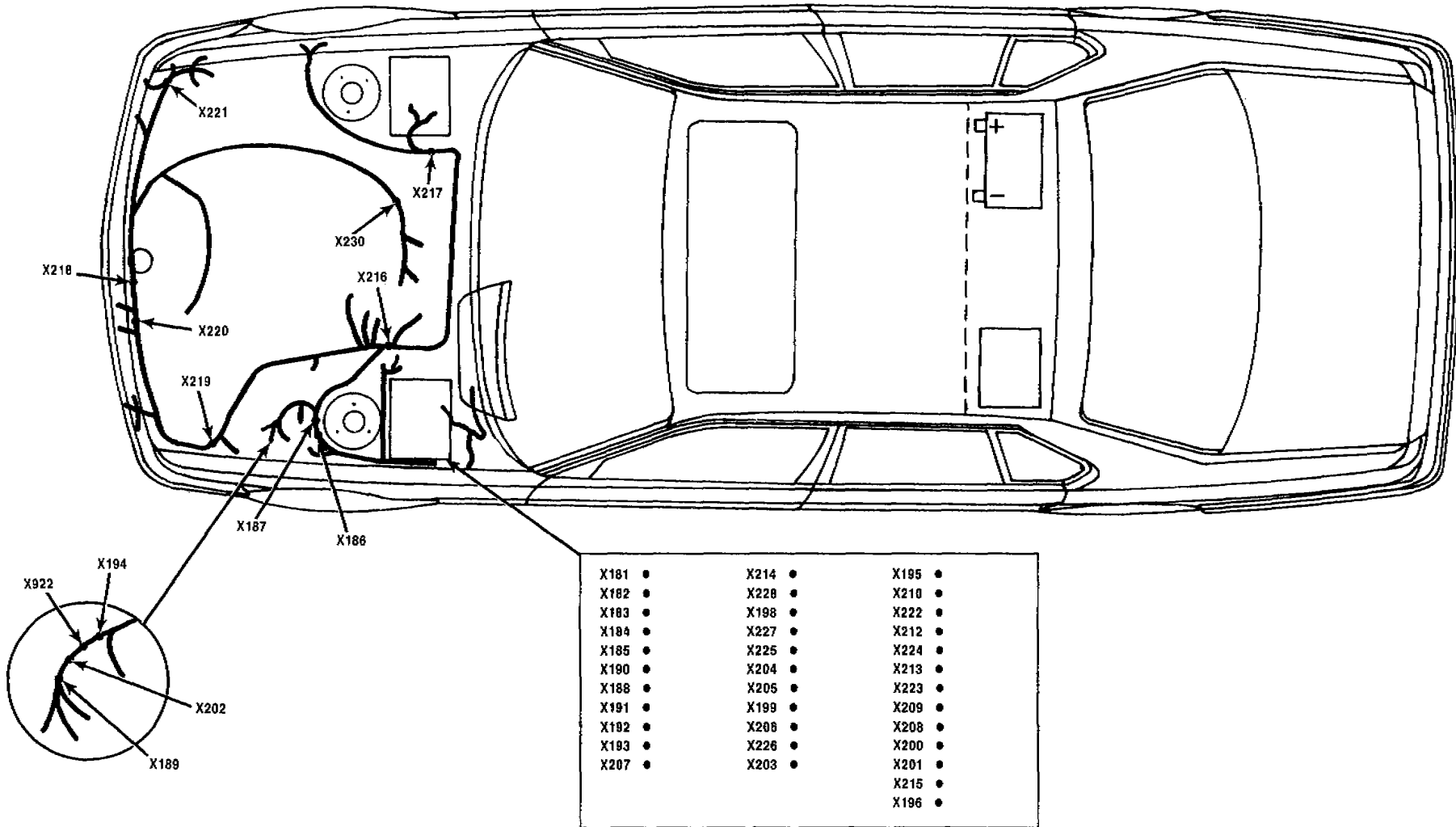
This index contains all the splices in the car, what harness each one is in, and the page that the splices appear on. The drawings after the index show how the harness is routed through the car and where the splices are located on the harness.

### Index-Splice Locations - E32 - 730i, 735i

SPLICE	HARNESS	PAGE NUMBER	SPLICE	HARNESS	PAGE NUMBER	SPLICE	HARNESS	PAGE NUMBER
X181-X229	FRONT	8000-01	X848-X851	DRIVER DOOR	NOT SHOWN	X1926	ENGINE	8000-02
X431-X473	REAR	8000-04	X852	IHR/IHKA	8000-05	X1930	ENGINE	8000-02
X561-X593	INSTRUMENT	8000-03	X853	IHR/IHKA	8000-05	X1931	ENGINE	8000-02
X823	REAR SEAT HEATING	NOT SHOWN	X854	IHR/IHKA	8000-05	X1933	ENGINE	8000-02
X824-X830	RADIO/HIFI/CD	NOT SHOWN	X855	IHR/IHKA	8000-05	X1934	ENGINE	8000-02
X831	SUNROOF	NOT SHOWN	X856	IHKA	8000-05	X1935	ENGINE	8000-02
X832	TRAILER ADAPTER	NOT SHOWN	X857	IHR/IHKA	8000-05	X1936	ENGINE	8000-02
X833	TRUNK	NOT SHOWN	X858	IHR/IHKA	8000-05			
X834	LH REAR DOOR	NOT SHOWN	X859	IHR/IHKA	8000-05			
X835	RH REAR DOOR	NOT SHOWN	X860	IHKA	8000-05			
X836	DRIVER SEAT	NOT SHOWN	X863	PASSENGER DOOR	NOT SHOWN			
X837-X838	REAR SEAT HEATING	NOT SHOWN	X866-X868	REAR SEAT HEATING	NOT SHOWN			
X839-X843	DRIVER SEAT	NOT SHOWN	X922	FRONT	8000-01			
X844-X847	PASSENGER SEAT	NOT SHOWN	X1901	ENGINE	8000-02			
			X1902	ENGINE	8000-02			
			X1903	ENGINE	8000-02			
			X1904	ENGINE	8000-02			
			X1905	ENGINE	8000-02			
			X1906	ENGINE	8000-02			
			X1907	ENGINE	8000-02			
			X1908	ENGINE	8000-02			
			X1913	ENGINE	8000-02			
			X1920	ENGINE	8000-02			



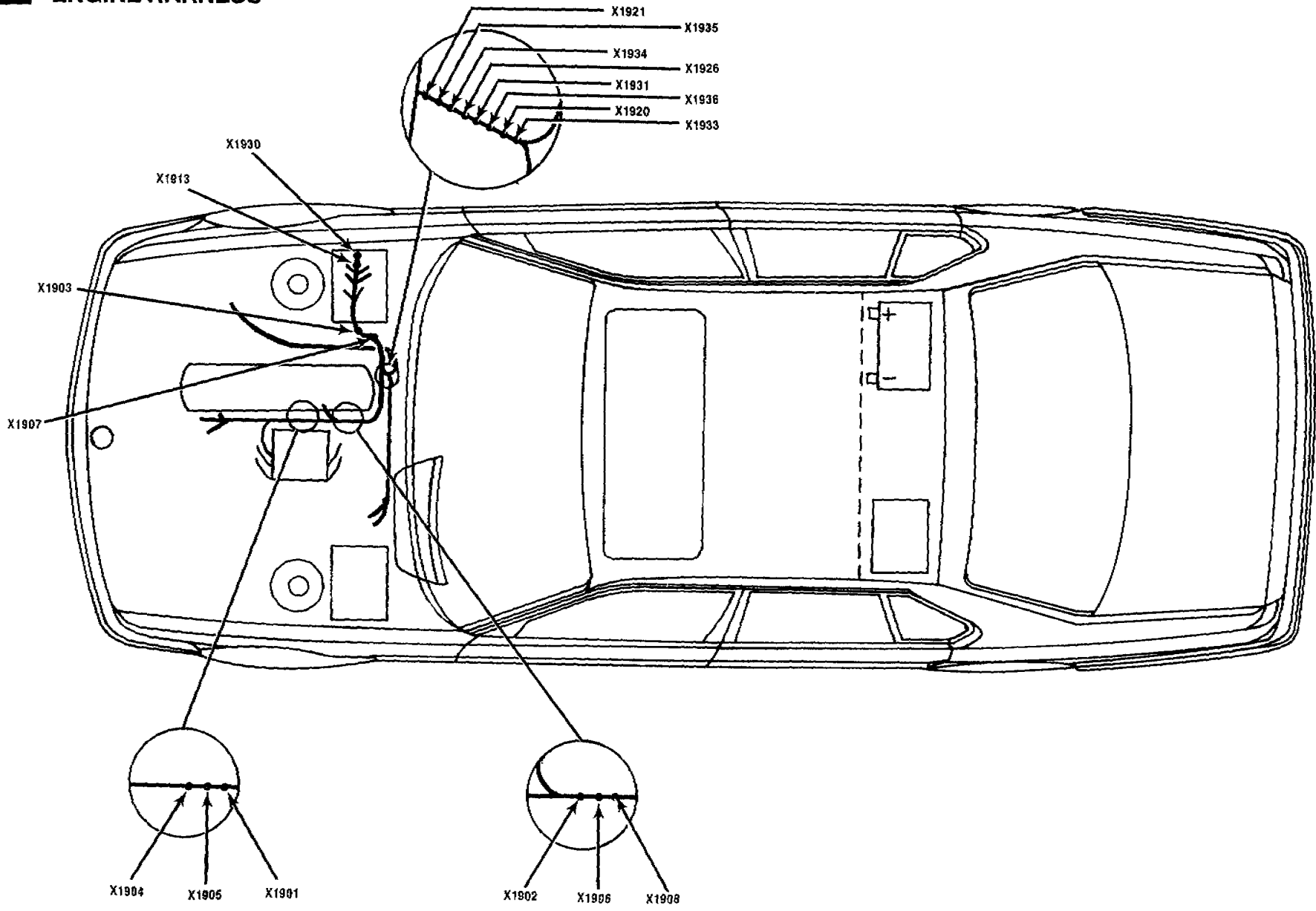
# SPLICE LOCATION VIEWS FRONT HARNESS





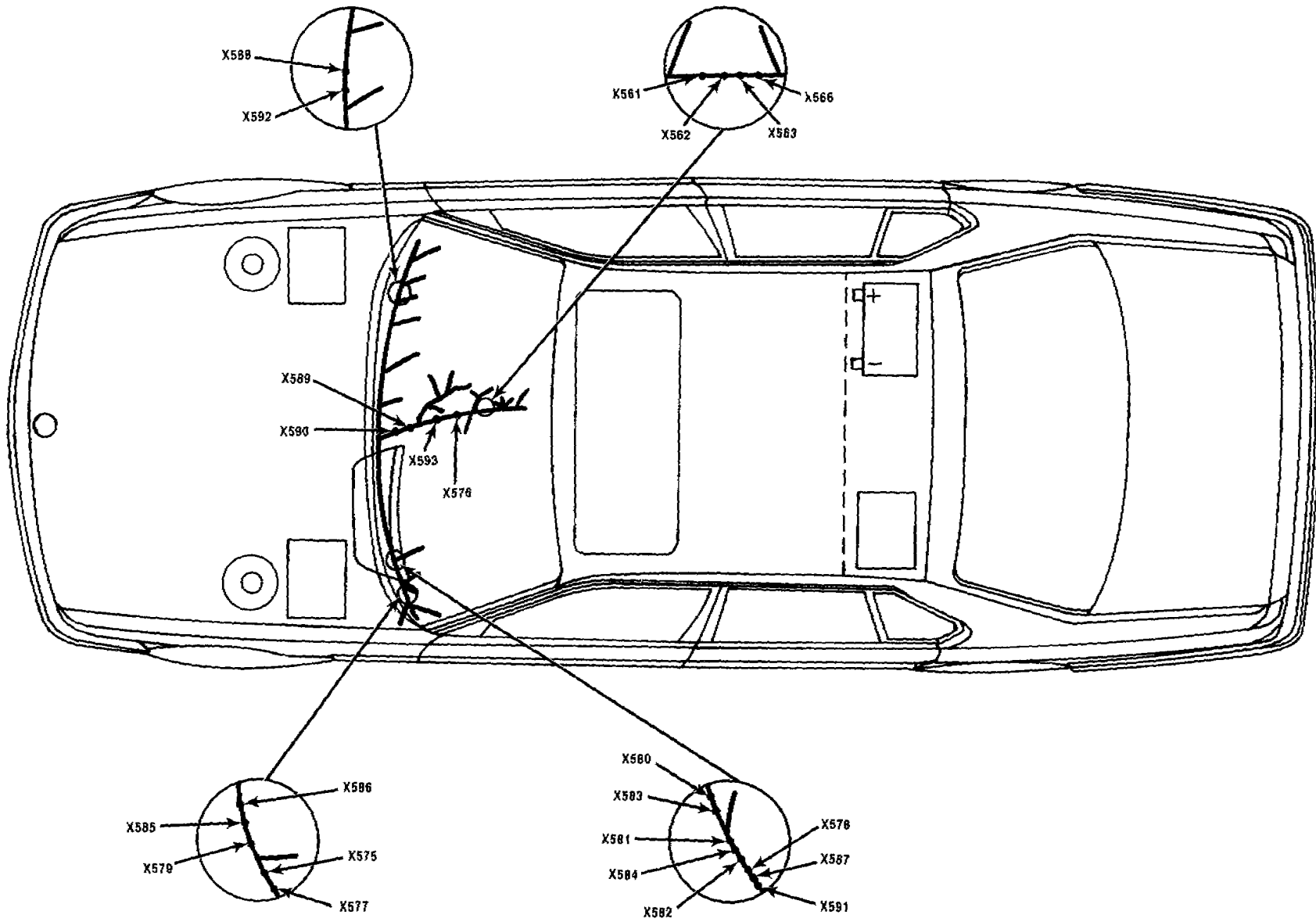
# SPLICE LOCATION VIEWS

## ENGINE HARNESS





# SPLICE LOCATION VIEWS INSTRUMENT HARNESS



06/87

8000-03

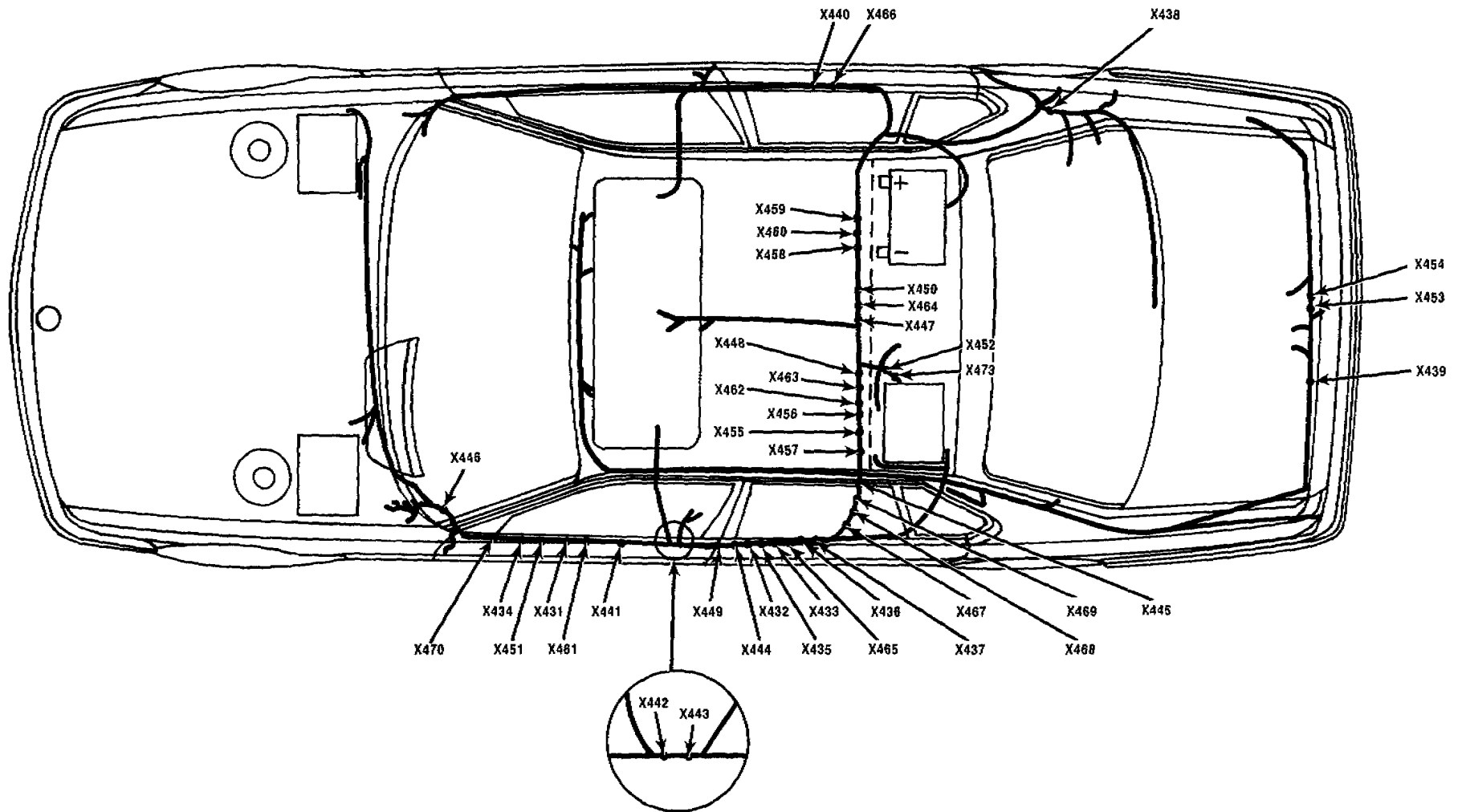
1987





# SPLICE LOCATION VIEWS

## REAR HARNESS



06/87

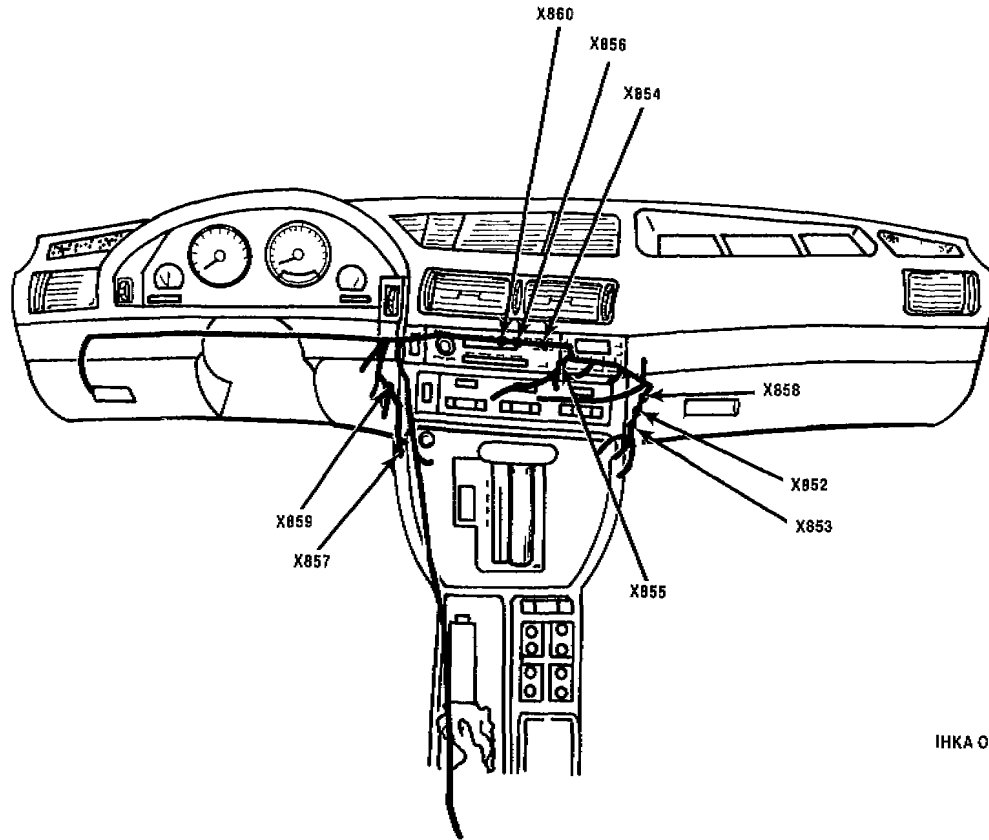
8000-04

1987



# SPLICE LOCATION VIEWS

## IHR/IHKA HARNESS

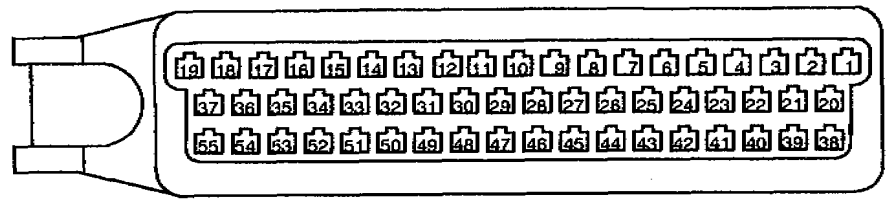


IHKA ONLY



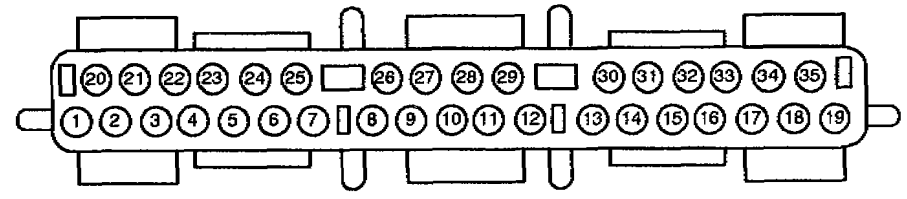
# CONNECTOR VIEWS

B550001.00



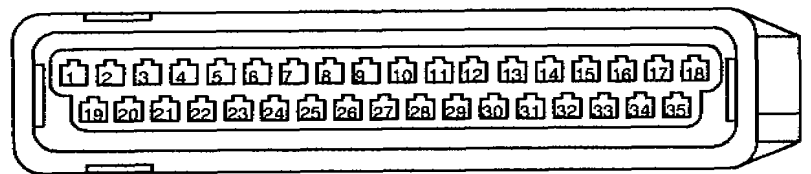
**X7** NA

B350001.00



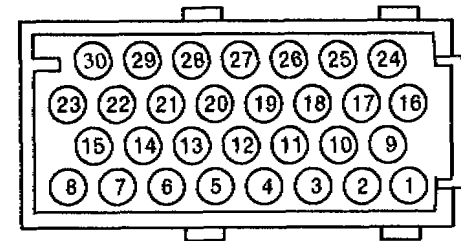
**X12** SW

B350002.00



**X11** NA

B300001.00

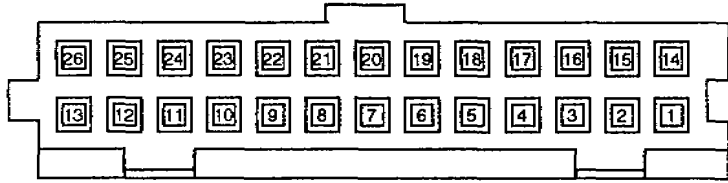


**X13** BL  
**X14** SW  
**X15** WS



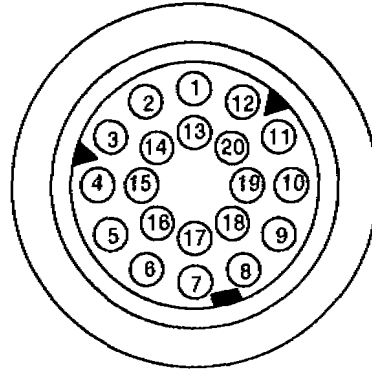
# CONNECTOR VIEWS

B260002.00



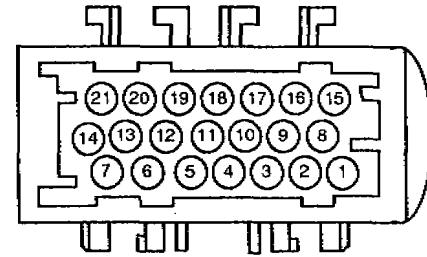
- X16 GE
- X18 BL
- X19 GN
- X22 BL

B200002.00



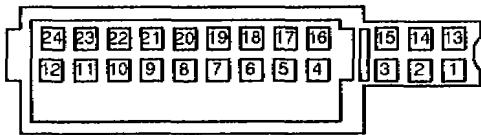
- X20 SW

B210001.00



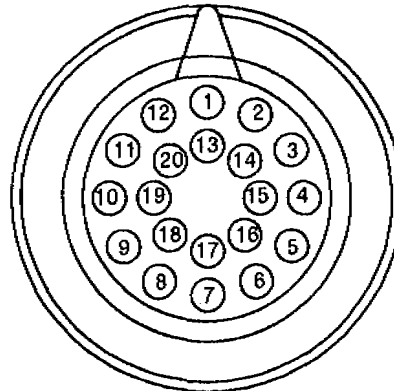
- X23 WS
- X24 SW

B240001.00



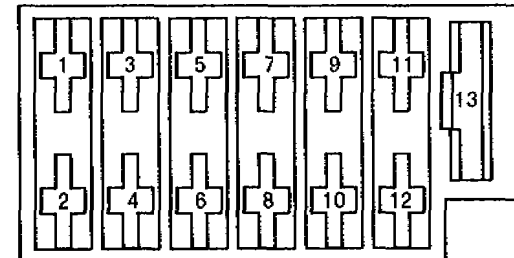
- X17 BR

B200004.00



- X21 SW

B130001.00

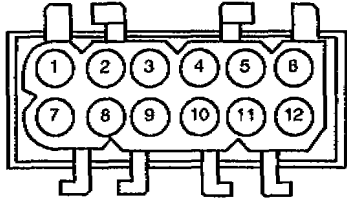


- X31 SW



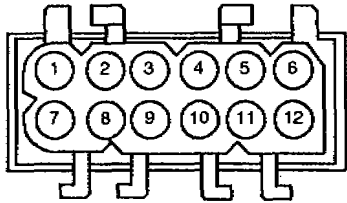
# CONNECTOR VIEWS

B120010.00



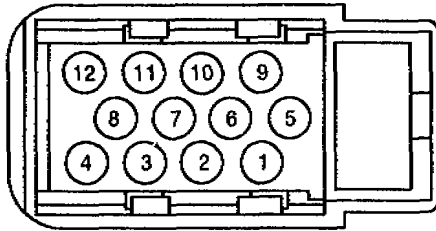
X32 WS

B120004.01



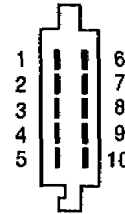
X33 SW

B120003.00



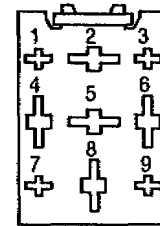
X34 WS

B100001.00



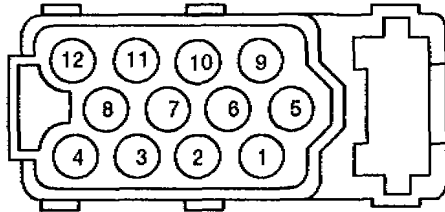
X37 SW

B090001.00



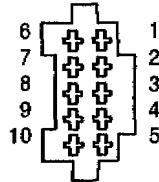
- |               |               |
|---------------|---------------|
| <u>X48</u> WS | <u>X57</u> SW |
| <u>X49</u> WS | <u>X58</u> WS |
| <u>X50</u> WS | <u>X59</u> SW |
| <u>X51</u> SW | <u>X60</u> SW |
| <u>X52</u> WS | <u>X61</u> SW |
| <u>X53</u> WS | <u>X62</u> WS |
| <u>X54</u> SW | <u>X63</u>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

B120007.00



X35 SW

B100003.00

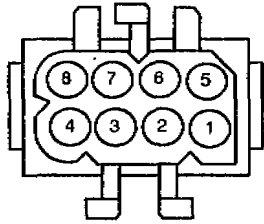


X36 SW



# CONNECTOR VIEWS

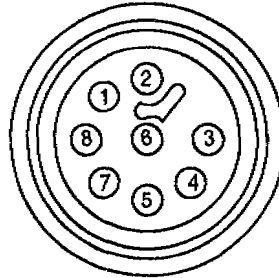
B080001.01



X69 WS

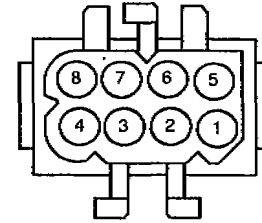
X72 WS

B080004.00



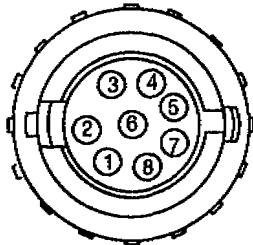
X71 SW

B080008.00



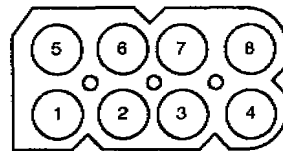
X74 OR

B080003.00



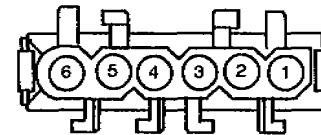
X70 SW

B080007.00



X73 SW

B060003.03

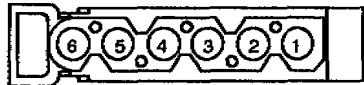


X75 OR



# CONNECTOR VIEWS

B060017.00



X76 SW

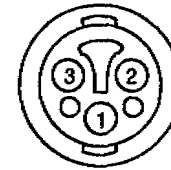
B030004.00



X82 SW

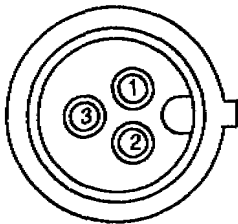
X85 SW

B030013.00



X84 GE

B030005.00



X81 OR

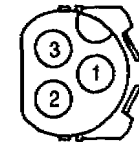
X86 OR

B030012.00



X83 GE

B030006.00

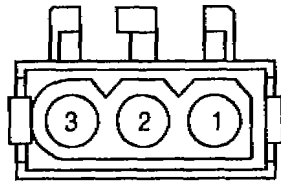


X87 SW



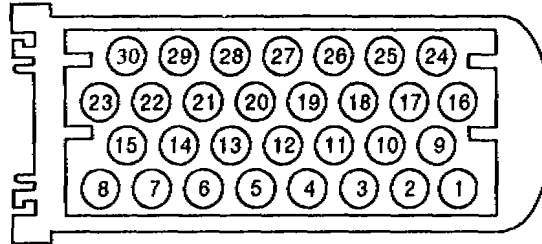
# CONNECTOR VIEWS

B030001.00



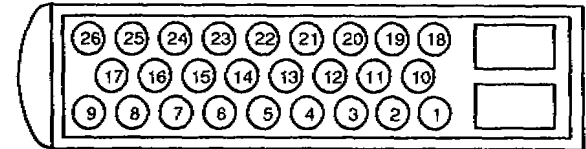
X88 SW

B300002.00



X251 SW

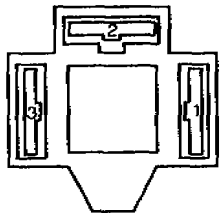
B260001.00



X256 SW

X257 SW

B030014.00



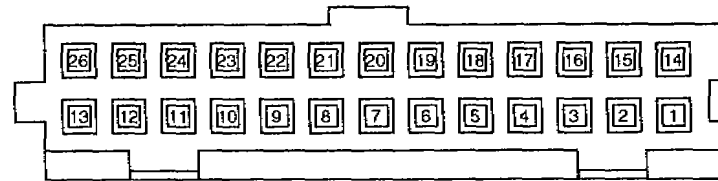
X89 SW

X90 SW

X93 SW

X94 SW

B260002.01



X252 GN

X253 GN

X254 WS

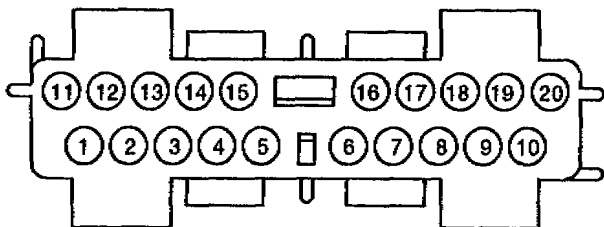
X255 GE





# CONNECTOR VIEWS

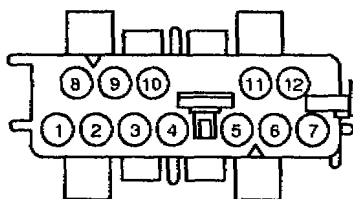
B200001.00



X258 WS

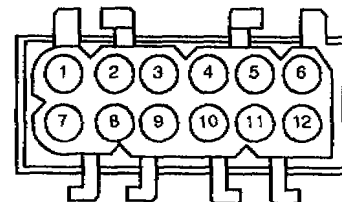
X259 SW

B120005.00



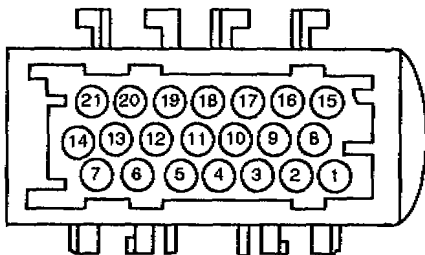
X270 SW

B120004.00



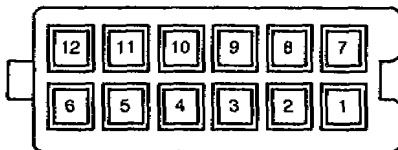
X272 SW

B210001.00



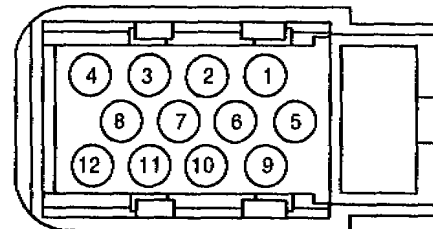
X260 SW

B120011.00



X271 GR

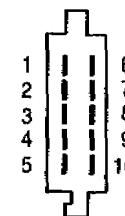
B120003.01



X273 SW

X274 SW

B100001.01



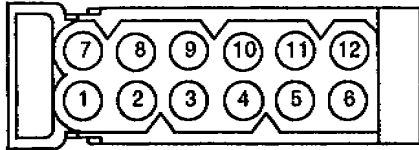
X277 SW

X278 SW



# CONNECTOR VIEWS

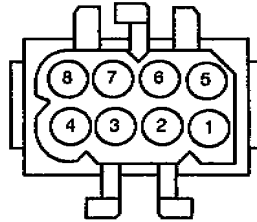
B120002.00



X275 WS

X279 WS

B080001.02



X295 SW

X298 SW

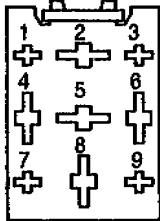
B060002.00



X316 WS

X317 SW

B090001.01



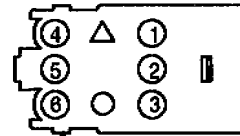
X291 SW

X292 WS

X293 WS

X294 WS

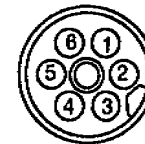
B060005.12



X311 SW

X312 SW

B060004.00

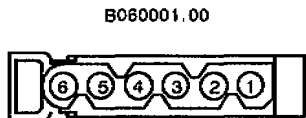


X318 SW

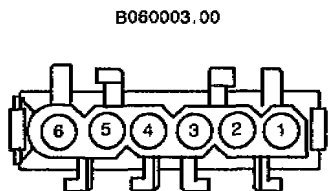
X319 SW



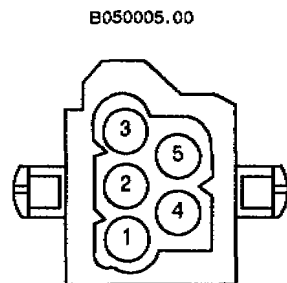
# CONNECTOR VIEWS



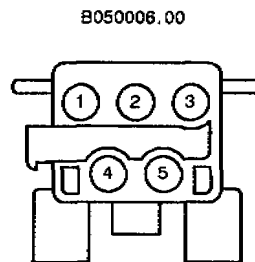
X321 SW



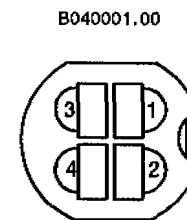
X322 SW



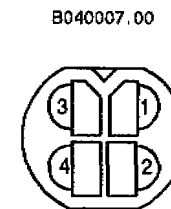
X331 GN



X332 SW



X333 SW

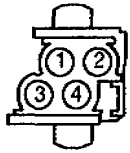


X334 WS



# CONNECTOR VIEWS

B040003.00



X335 GN

B030002.00



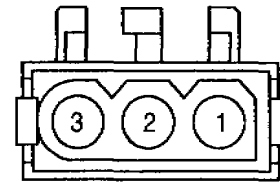
X351 SW

X352 SW

X353 SW

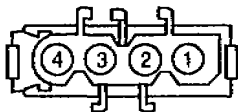
X354 SW

B030001.01



X358 SW

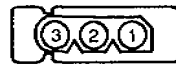
B040002.00



X336 WS

X337 WS

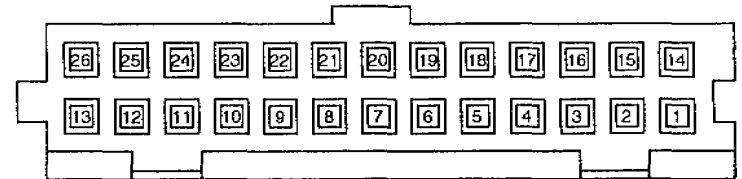
B030003.00



X355 WS

X356 WS

B260002.02



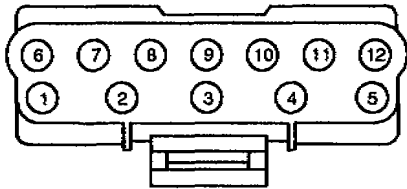
X501 GN

X502 WS



# CONNECTOR VIEWS

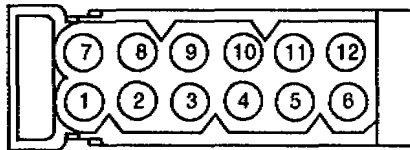
B120006.00



X503 SW

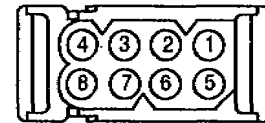
X504 SW

B120002.01



X506 SW

B080002.00

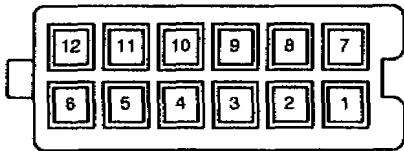


X511 SW

X512 SW

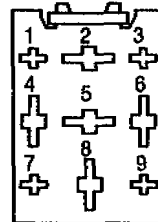
X513 SW

B120011.00



X505 GR

B090001.04

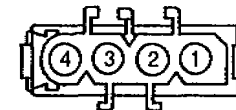


X509 SW

X510 SW



B0400002.01

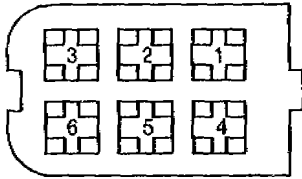


X512 SW



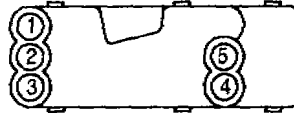
# CONNECTOR VIEWS

B080006.00



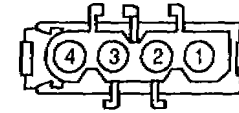
X514 SW

B050003.00



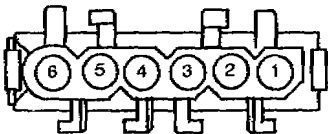
X516 SW

B040002.00



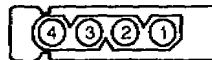
X519 WS

B080003.02



X515 WS

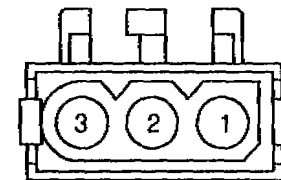
B0400004.00



X517 SW

X518 SW

B030001.02

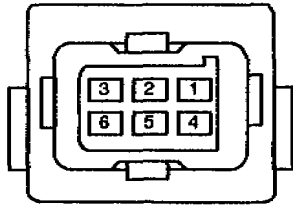


X520 WS



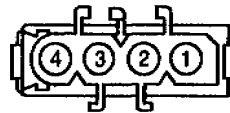
# CONNECTOR VIEWS

B060020.00



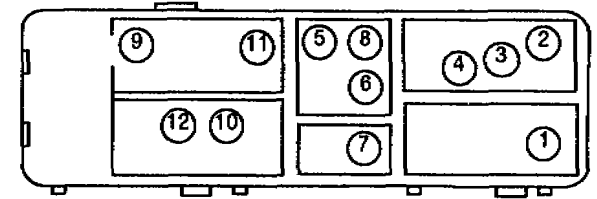
X521 SW

B0400002.00



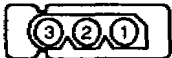
X524 SW

B120008.00



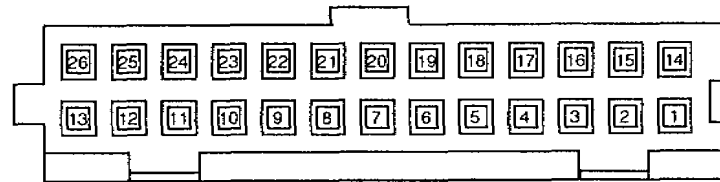
X603 SW  
X604 SW

B030003.01



X522 WS

B260002.02

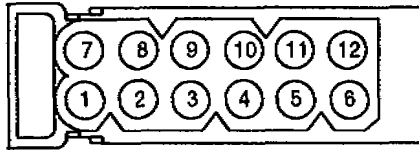


<u>X601</u>	WS	<u>X612</u>	BL
<u>X602</u>	GE	<u>X613</u>	BL
<u>X610</u>	WS	<u>X614</u>	GE
<u>X611</u>	GN		



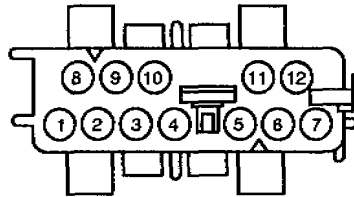
# CONNECTOR VIEWS

B120002.00



X605 SW

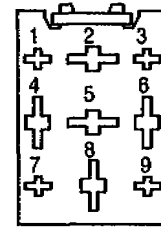
B120005.01



X607 SW

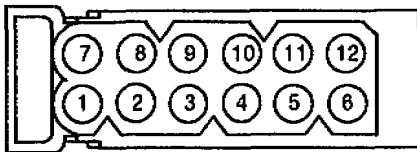
X609 SW

B090001.02



X620 WS

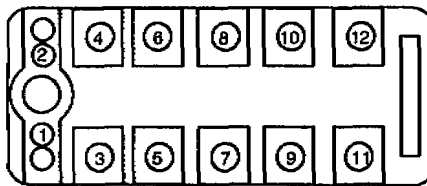
B120002.01



X606 WS

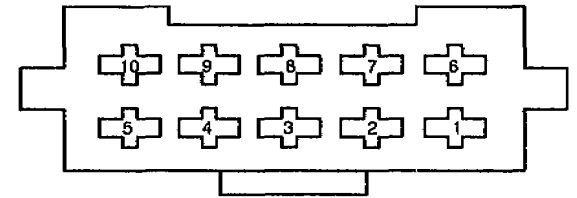
X619 WS

B120009.00



X608 SW

B100002.00



X621 SW

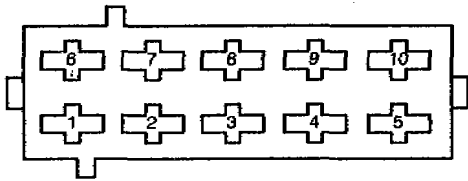
X622 SW





# CONNECTOR VIEWS

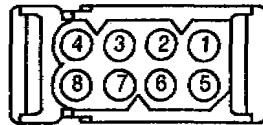
B100005.00



X623 SW

X624 SW

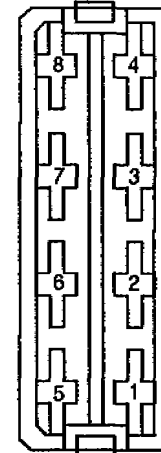
B080002.01



X626 SW

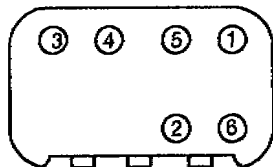
X627 SW

B080006.00



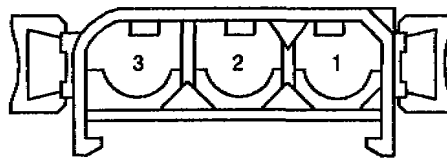
X629 NA

B080013.00



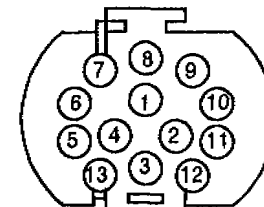
X625 SW

B030009.00



X628 SW

B130002.00

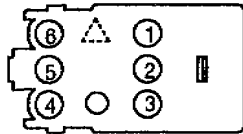


X630 SW



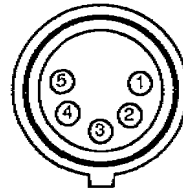
# CONNECTOR VIEWS

B060005.00



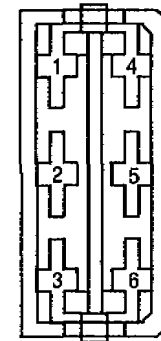
- X636 SW ▲
- X637 SW ▲
- X643 BL ▼

B050004.00



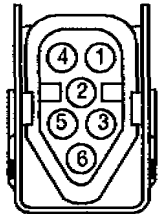
- X639 SW

B060016.00



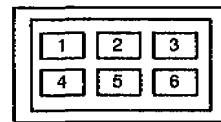
- X642 SW

B060009.00



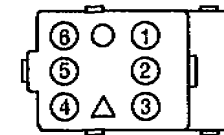
- X638 SW
- X641 SW
- X644 SW
- X646 SW
- X660 SW

B060019.00



- X640 SW

B060008.00

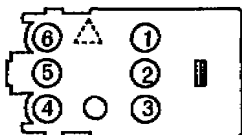


- X645 SW
- X647 SW



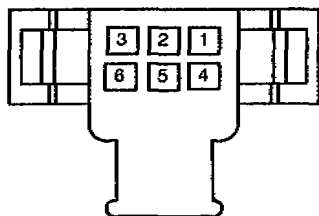
# CONNECTOR VIEWS

B080005.01



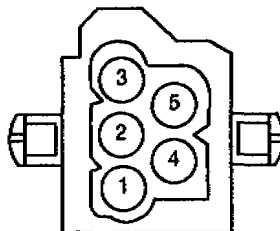
<u>X648</u>	SW	△	<u>X654</u>	WS	▷
<u>X649</u>	WS	▷	<u>X655</u>	BL	▽
<u>X650</u>	SW	△	<u>X656</u>	GN	▷
<u>X651</u>	SW	△	<u>X657</u>	BR	▽
<u>X652</u>	BL	▽	<u>X658</u>	SW	△
<u>X653</u>	SW	△	<u>X659</u>	BL	▽

B060010.01



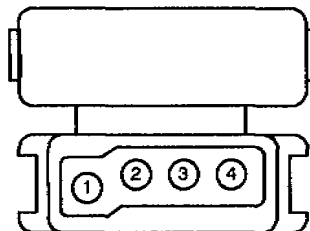
<u>X661</u>	SW		<u>X666</u>	SW	
<u>X662</u>	SW		<u>X667</u>	SW	
<u>X663</u>	SW		<u>X668</u>	SW	
<u>X664</u>	SW		<u>X669</u>	SW	
<u>X665</u>	SW		<u>X670</u>	SW	

B050001.00



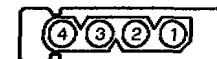
<u>X671</u>	GN
-------------	----

B040009.00



<u>X672</u>	SW
-------------	----

B0400004.01



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

B030003.02

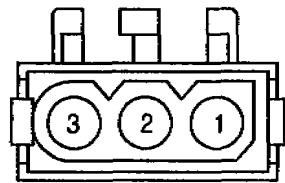


<u>X680</u>	SW
<u>X683</u>	SW
<u>X693</u>	SW



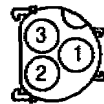
# CONNECTOR VIEWS

B030001.03



X681 WS

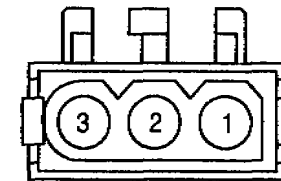
B030004.01



X684 SW

X685 SW

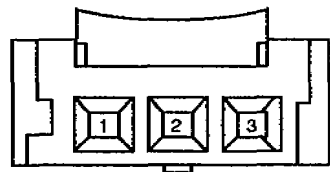
B030001.03



X692 SW

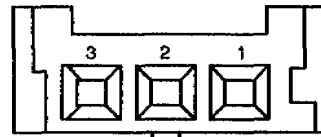
X695 SW

B030016.00



X682 NA

B030007.00



X686 BL

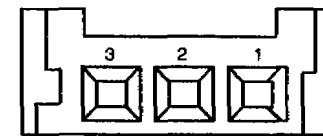
X687 BL

X688 BL

X689 BL

X690 BL

B030007.01

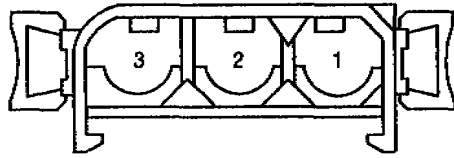


X694 NA



# CONNECTOR VIEWS

B030009.00



X696 SW

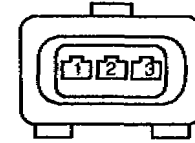
B030004.00



X928 SW

X929 SW

B030015.00



X1514 SW    X1612 GR

X1521 SW    X1613 SW

X1522 SW    X1614 GR

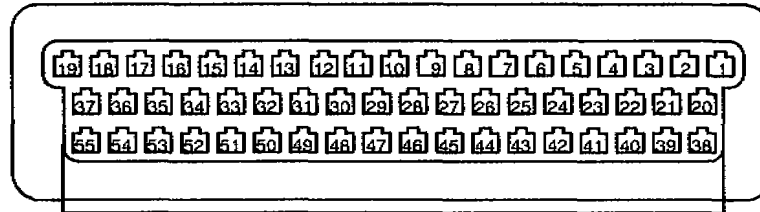
X1533 SW    X1622 SW

B060001.01



X907 WS

B550001.00

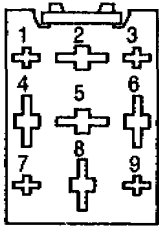


X1500 NA



# CONNECTOR VIEWS

8090001.03



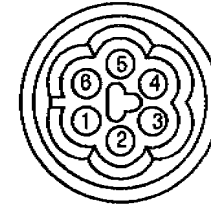
<u>X917</u>	RT	<u>X1606</u>	WS
<u>X1515</u>	WS	<u>X1607</u>	WS
<u>X1516</u>	WS	<u>X1608</u>	WS
<u>X1605</u>	WS	<u>X1609</u>	WS

B050006.00



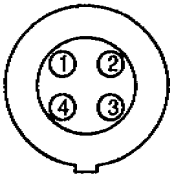
X1528 SW

B080014.00



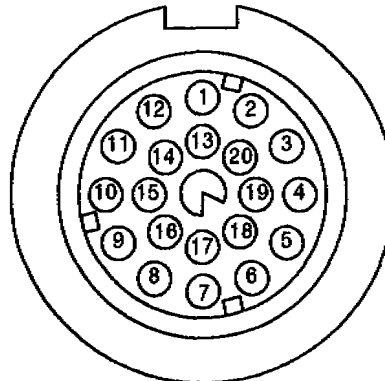
<u>X1536</u>	SW
<u>X1610</u>	SW
<u>X1611</u>	SW

B040006.00



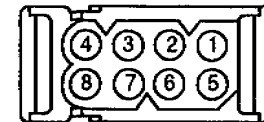
X1523 SW

B200003.00



X1532 SW

B080002.02

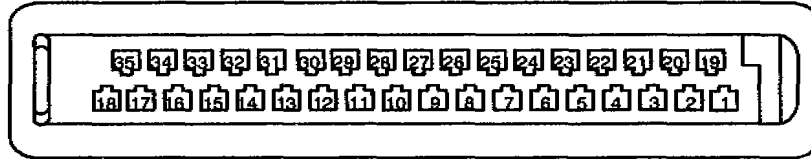


X1537 SW



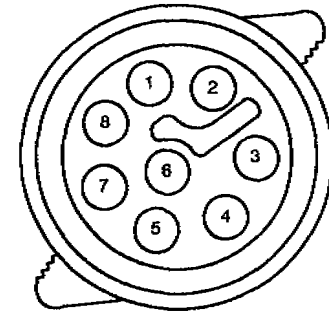
# CONNECTOR VIEWS

B350003.00



X1550 SW

B080009.00



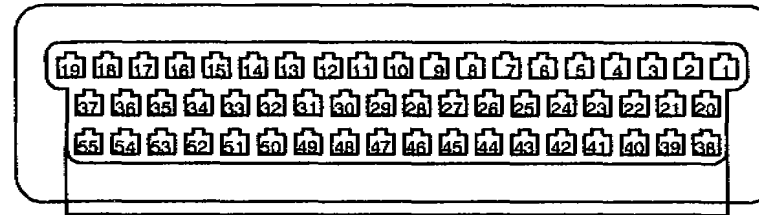
X1554 SW

B0400004.01



X1552 SW

B550002.01



X1600 NA

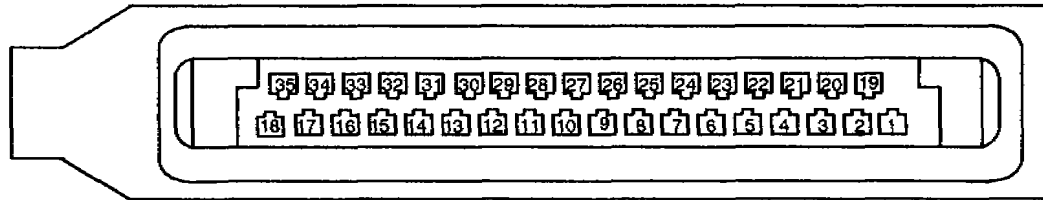
X1601 NA

X1602 NA



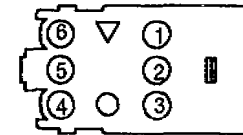
# CONNECTOR VIEWS

B350004.00



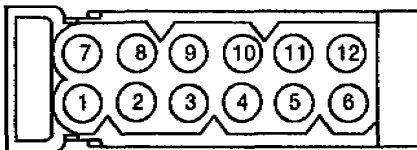
X2000 NA

B060005.17



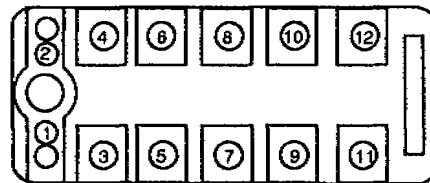
X2003 BL

B120002.04



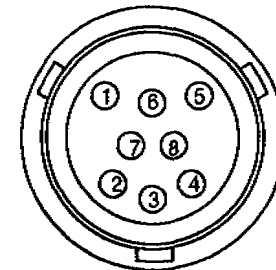
X2001 SW

B120009.01



X2004 SW

B080005.00



X2005 SW