

1991
BMW 735i/735iL/750iL (E32)
Electrical
Troubleshooting
Manual
Vehicles Produced 9/90—8/91

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| Antilock Brake System (ABS) | 3450-00 |
| Antitheft System (DWA) | 6575-00 |
| Automatic Climate Control (IHKA) | 6450-00 |
| Automatic Stability Control (ASC) | 3451-00 |
| Automatic Stability Plus | |
| Traction Control (ASC + T) | 3452-00 |
| Auxiliary Fan | 6454-00 |
| Brake Lining Warning | 3435-00 |
| Cellular Telephone (Provisions) | 6501-00 |
| Central Body Electronics (ZKE) | 6100-00 |
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| Charging System | 1230-00 |
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| E-Box Fan | 0690-00 |
| Electrochromic Mirror | 5116-00 |
| Electronic Damper Control | 3715-00 |
| Electronic Throttle Control (EML) | 1375-00 |
| Electronic Throttle Control (EML 1.3) | 1374-00 |
| Electronic Transmission Control (EGS) ... | 2460-00 |
| Electronic Transmission Control | |
| (EGS/EML) | 2465-00 |
| Fog Light Washer (ZKE) | 6167-00 |

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| | |
|-----------------|---------|
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| — Fuse 2 | 0670-01 |
| — Fuse 3 | 0670-01 |
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| — Fuse 11 | 0670-06 |
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| — Fuse 13 | 0670-06 |
| — Fuse 14 | 0670-06 |
| — Fuse 15 | 0671-02 |
| — Fuse 16 | 0671-03 |
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| — Fuse 21 | 0671-07 |
| — Fuse 22 | 0671-08 |
| — Fuse 23 | 0670-06 |
| — Fuse 24 | 0670-06 |
| — Fuse 25 | 0670-05 |
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| — Fuse 28 | 0671-09 |
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| | |
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The purpose of this manual is to provide information to aid in electrical troubleshooting. It consists of system block diagrams, 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).

The Central Body Electronics 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.



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

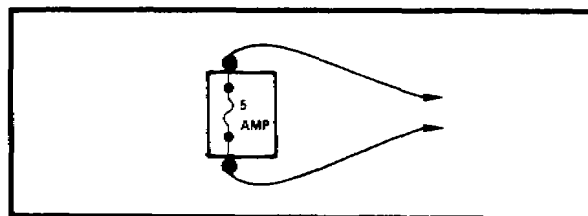
Operate the circuit to check for satisfactory circuit operation. Good repair practice calls for rechecking all circuits you have worked on.

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.



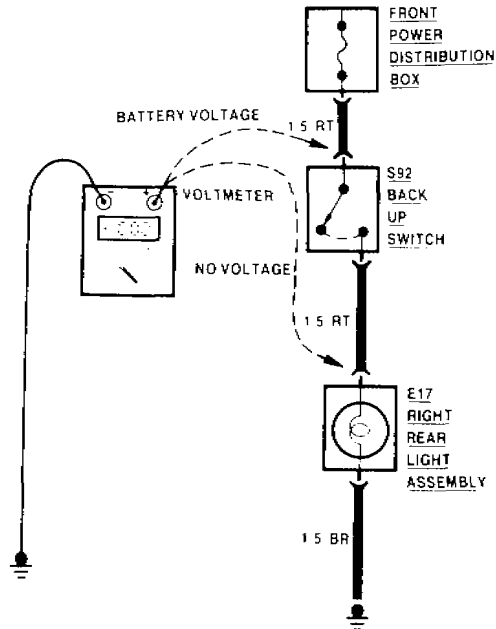
Fused Jumper Wire

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.

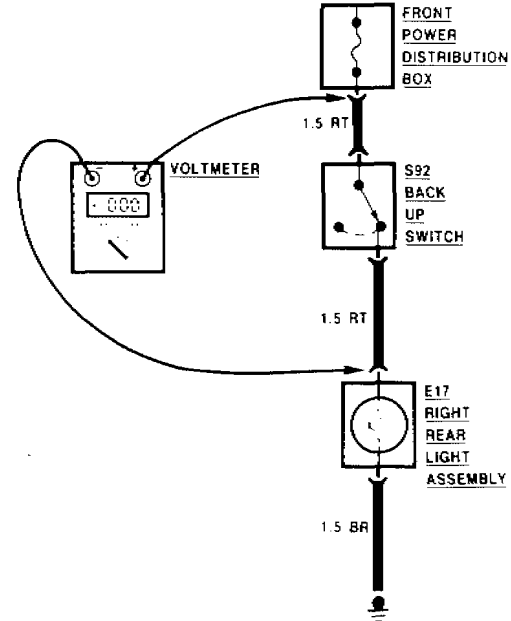


Voltage Test

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 voltage indicates a problem.

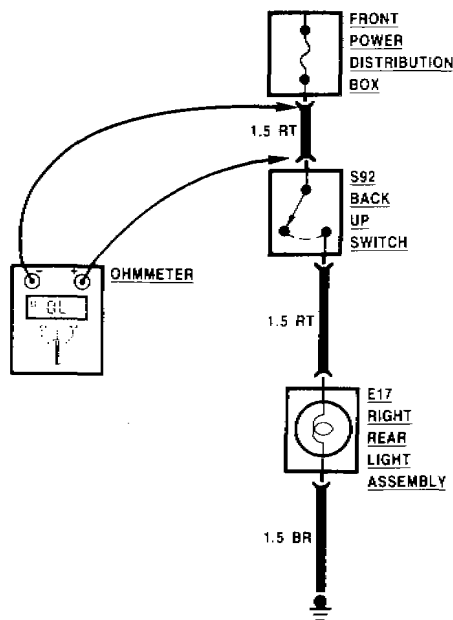
To test for voltage drop, connect the voltmeter leads to connectors at either end of the circuit's suspected problem area. The positive lead should be connected to the connector closest to the power source. The voltmeter will show the voltage drop between these two points. Any switch in the circuit should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

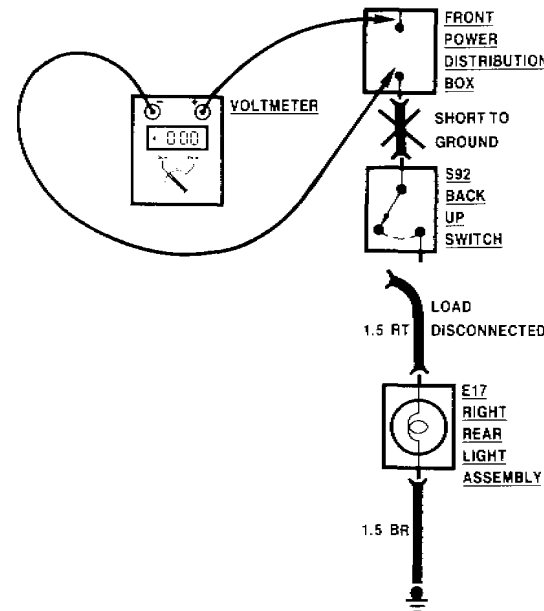


Continuity Test

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.

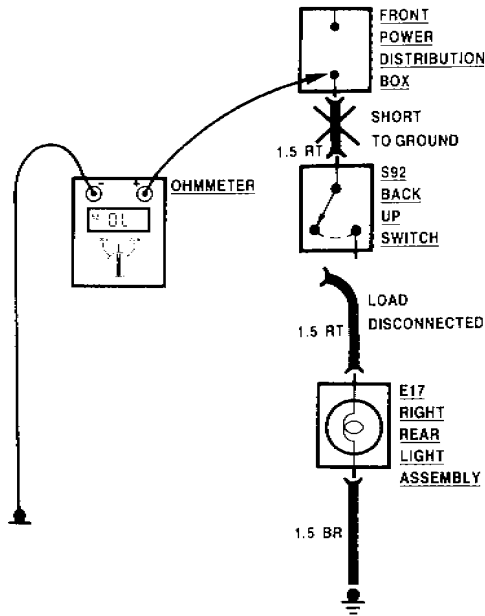
Starting near the FRONT POWER DISTRIBUTION BOX, move the wire harness back and forth and watch the voltmeter reading. If the voltmeter registers a reading, there is a short to ground in the wiring. Somewhere in the area of the harness being moved, the wire insulation is worn away and the circuit is grounding.



Short Test Using Voltmeter

Short Test Using Ohmmeter

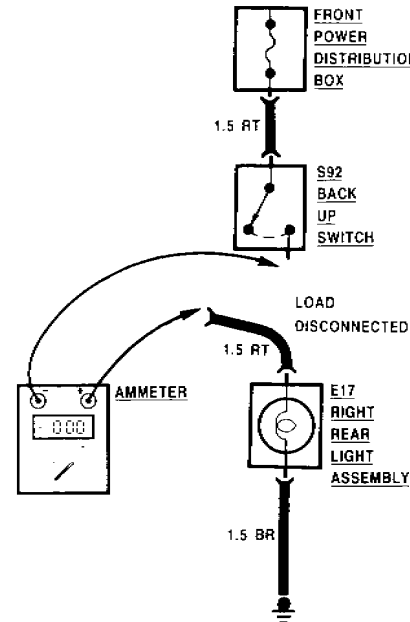
Disconnect the battery. While holding the leads together, adjust the ohmmeter to read zero. Remove the blown fuse and disconnect the load. Connect one lead of the ohmmeter to the fuse terminal that is closest to the load. Connect the other lead to a known good ground. Starting near the FRONT POWER DISTRIBUTION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

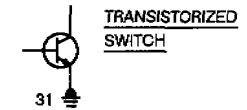
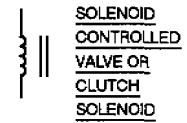
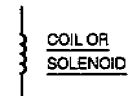
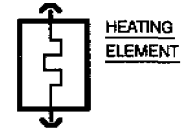
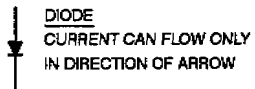
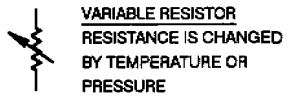
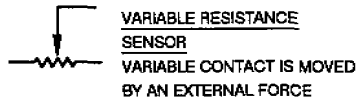
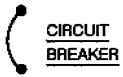
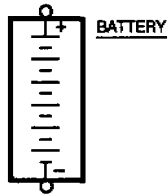
To measure the current, connect the ammeter leads to the connector or terminals in series with the circuit. The ammeter will show the current through the circuit.



Current Test Using Ammeter

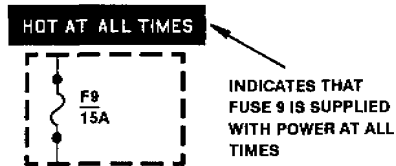
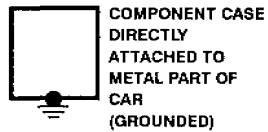
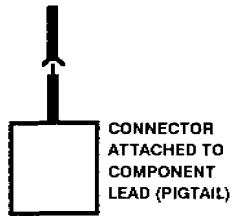
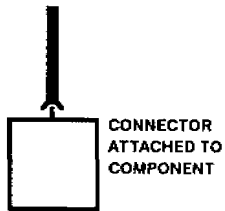
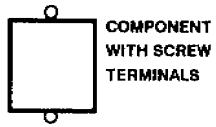


SYMBOLS

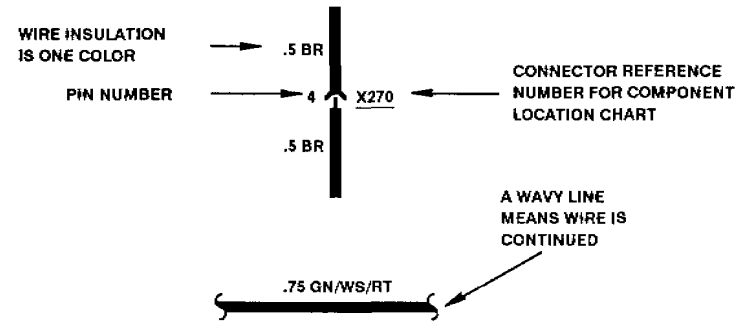




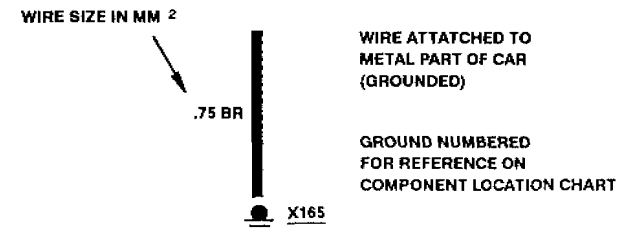
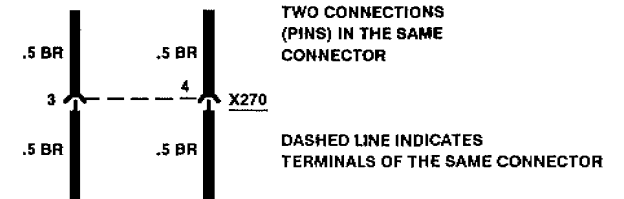
SYMBOLS



| 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 |
| 31 | GROUND |

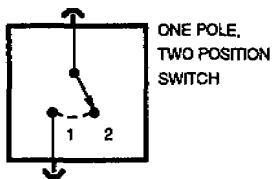


1. FIRST COLOR IS THE WIRE INSULATION.
2. SECOND COLOR IS THE "TRACER" OR "STRIPE" COLOR.
3. THIRD COLOR IS THE "DOTS" COLOR

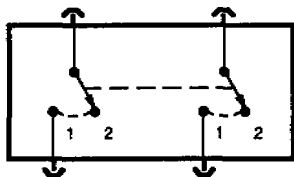




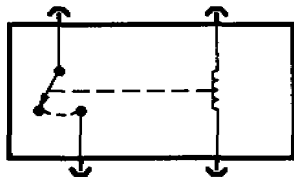
SYMBOLS



ONE POLE,
TWO POSITION
SWITCH

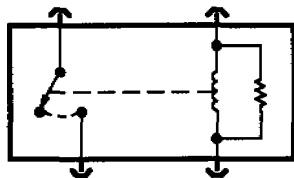


SWITCHES THAT
MOVE TOGETHER
DASHED LINE SHOWS
A MECHANICAL
CONNECTION
BETWEEN SWITCHES

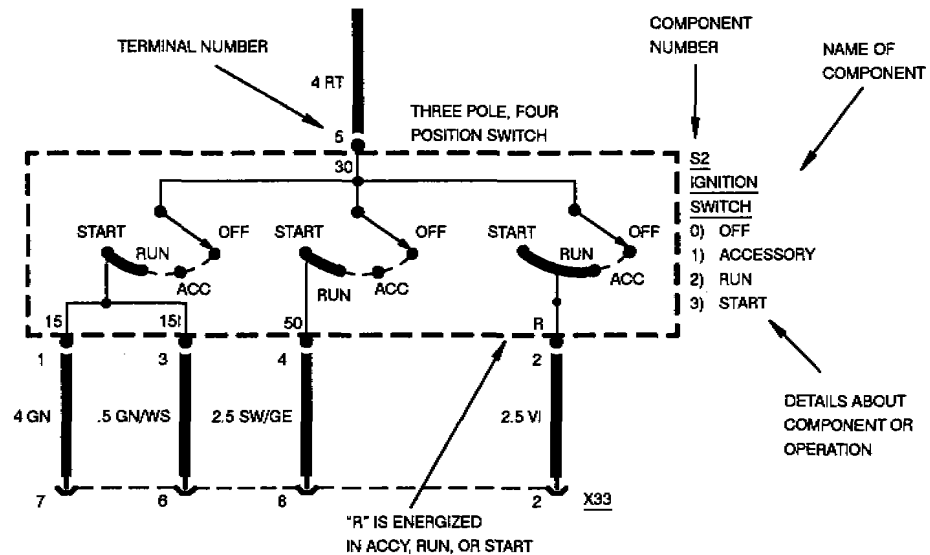


RELAY WITH NO CURRENT
FLOWING THROUGH COIL

WHEN COIL IS
ENERGIZED, SWITCH
IS PULLED CLOSED



RELAY WITH
RESISTOR ACROSS
COIL

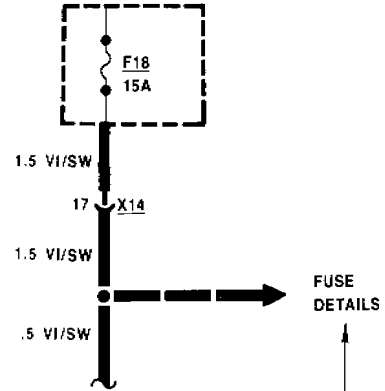


| TERMINAL NUMBER | DESCRIPTION |
|-----------------|--|
| 50 | VOLTAGE: IGNITION SWITCH IN START |
| 30 | VOLTAGE: SUPPLIED AT ALL TIMES |
| 15 | VOLTAGE: IGNITION SWITCH IN RUN OR START |
| 15I | VOLTAGE: IGNITION SWITCH IN RUN |
| R | VOLTAGE: IGNITION SWITCH IN ACCESSORY, RUN, OR START |
| 31 | GROUND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

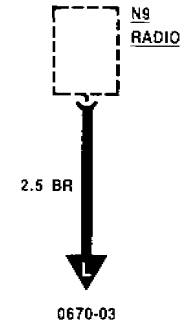
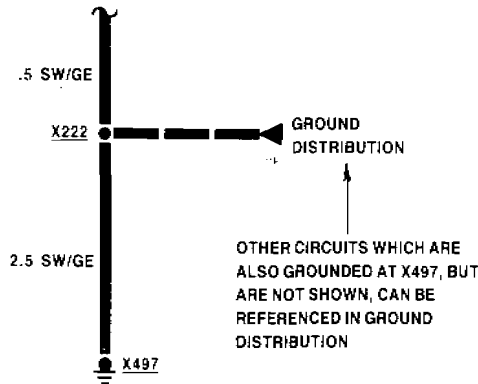
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

SYMBOLS

HOT IN ACC, RUN OR START



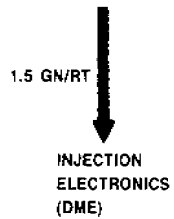
OTHER CIRCUITS WHICH SHARE FUSE 18, BUT ARE NOT SHOWN, CAN BE REFERENCED IN FUSE DETAILS



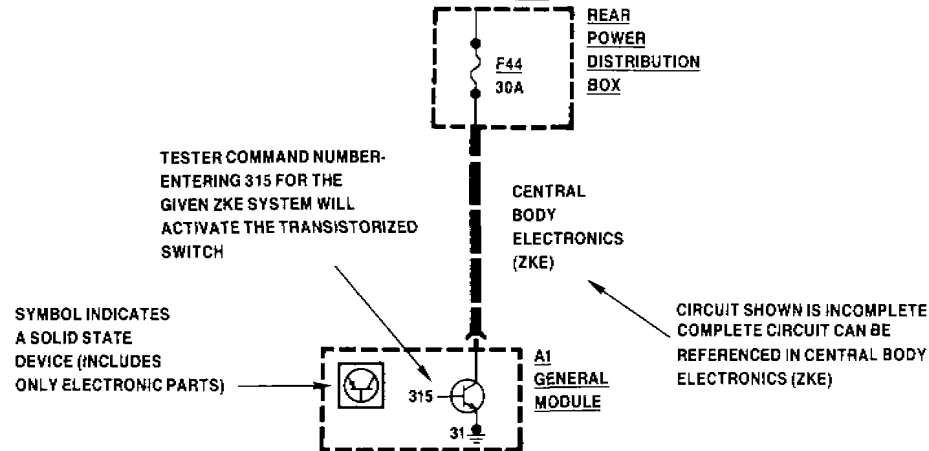
CURRENT PATH IS CONTINUED AS LABELED

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

CIRCUIT REFERENCE — A WIRE WHICH CONNECTS TO ANOTHER CIRCUIT



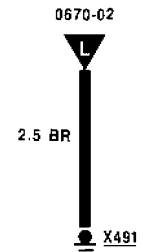
HOT IN ACC, RUN OR START



SYMBOL INDICATES A SOLID STATE DEVICE (INCLUDES ONLY ELECTRONIC PARTS)

TESTER COMMAND NUMBER- ENTERING 315 FOR THE GIVEN ZKE SYSTEM WILL ACTIVATE THE TRANSISTORIZED SWITCH

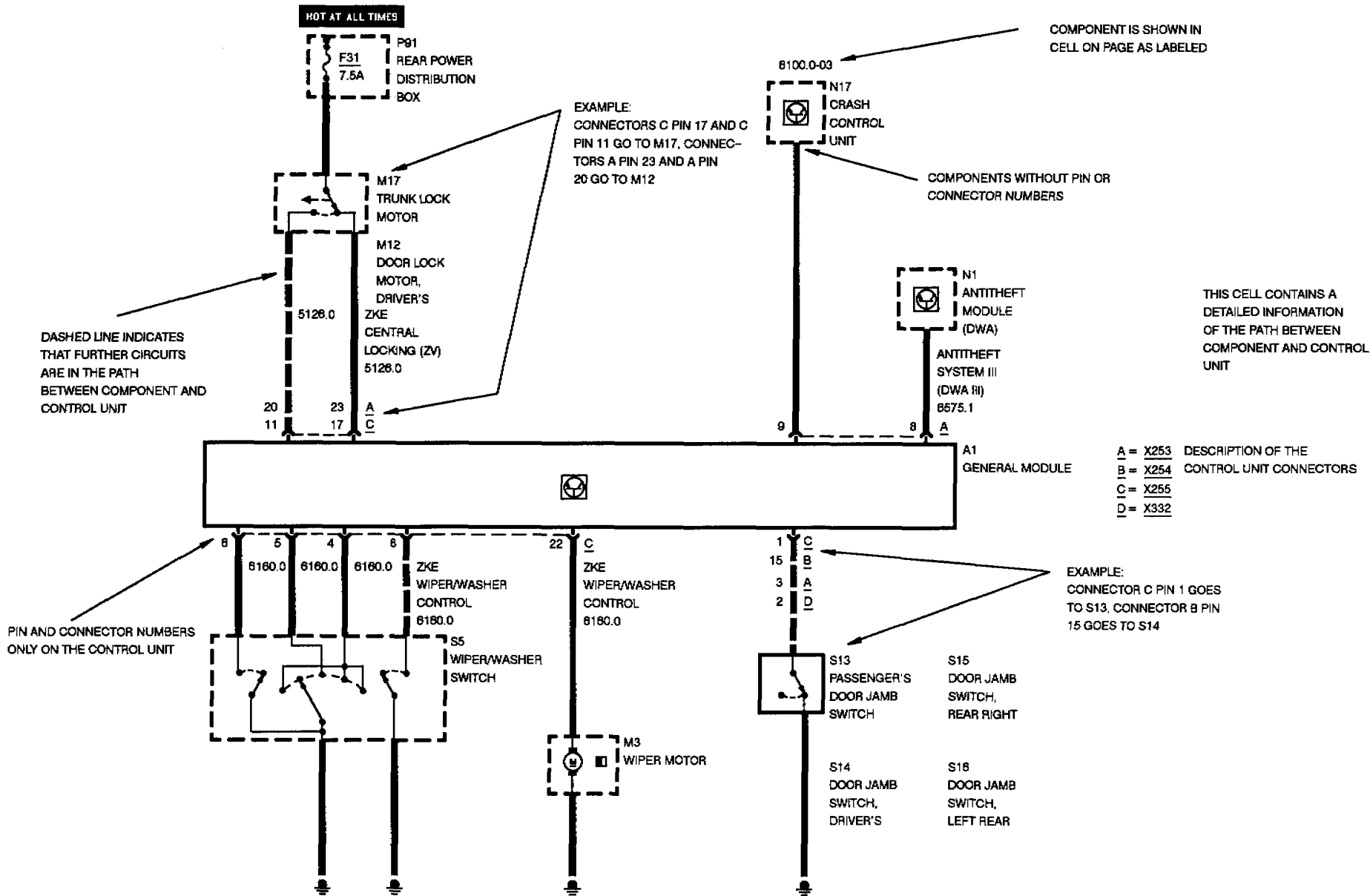
CIRCUIT SHOWN IS INCOMPLETE COMPLETE CIRCUIT CAN BE REFERENCED IN CENTRAL BODY ELECTRONICS (ZKE)





SYMBOLS

BLOCK DIAGRAM

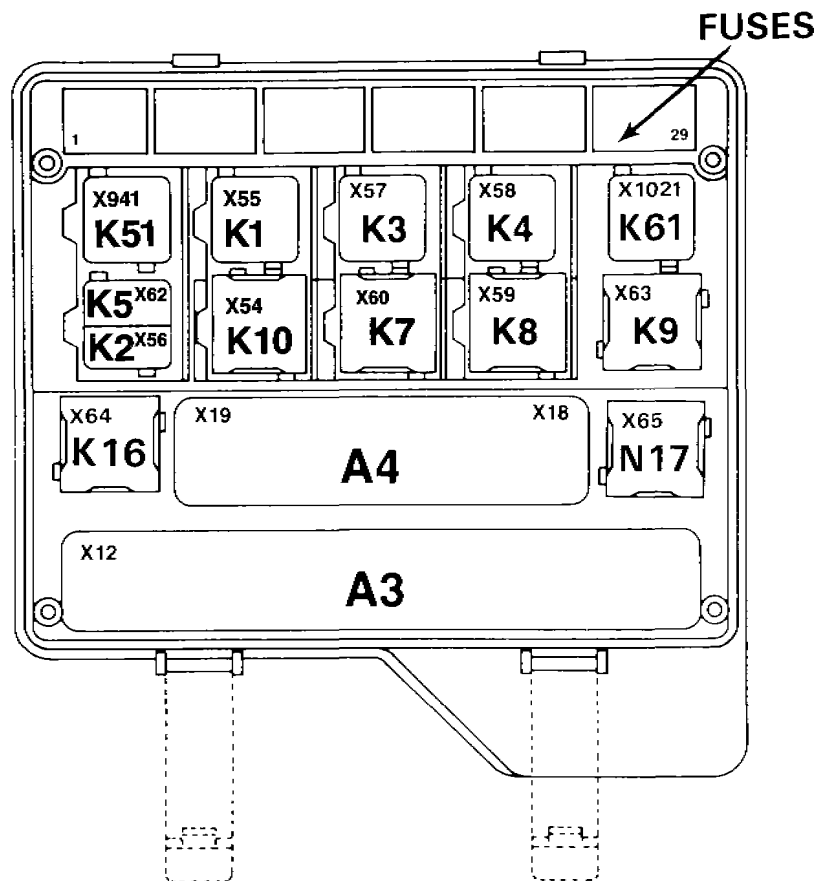




POWER DISTRIBUTION CHARTS

FRONT POWER DISTRIBUTION BOX

FRONT POWER DISTRIBUTION BOX



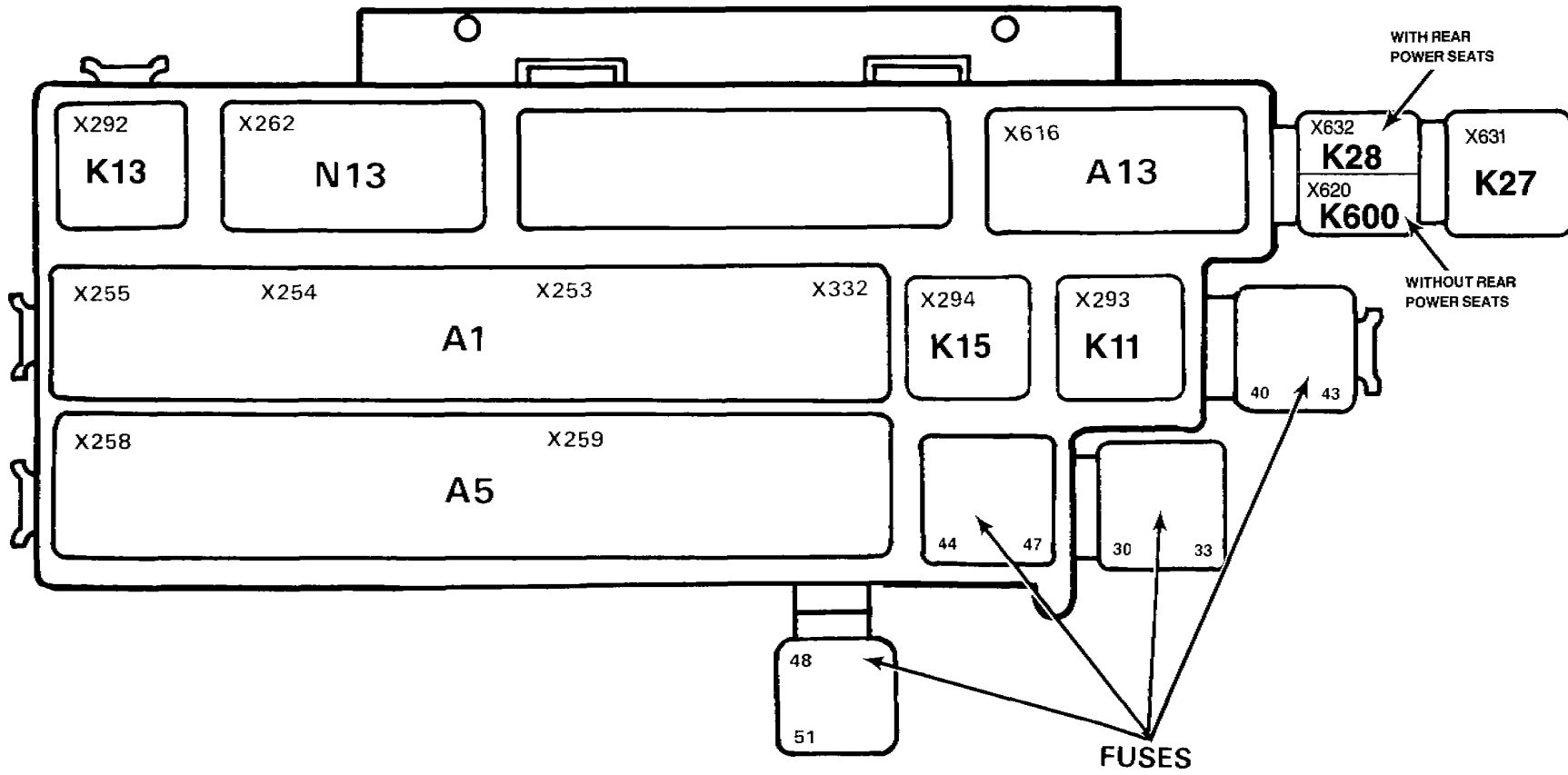
| COMPONENTS IN FRONT POWER DISTRIBUTION BOX | | |
|--|-----------|----------------------------------|
| NUMBER | CONNECTOR | DESCRIPTION |
| A3 | X12 | LAMP CONTROL MODULE |
| A4 | X18, X19 | CHECK CONTROL MODULE |
| K1 | X55 | STARTER RELAY (AUTO) |
| K2 | X56 | HORN RELAY |
| K3 | X57 | UNLOADER RELAY, KLR |
| K4 | X58 | BLOWER RELAY |
| K5 | X62 | WASHER PUMP RELAY |
| K7 | X60 | PARKING LIGHT MONITOR RELAY |
| K8 | X59 | FRONT DEFOGGER/WATER PUMP RELAY |
| K9 | X63 | UNLOADER RELAY, KL15 |
| K10 (WITHOUT ASC) | X54 | ABS OVERVOLTAGE PROTECTION RELAY |
| K16 | X64 | HAZARD FLASHER RELAY |
| K51 | X941 | PHONE ALERT RELAY |
| K61 | X1021 | UNLOADER RELAY, KL61 |
| N17 | X65 | CRASH CONTROL UNIT |



POWER DISTRIBUTION CHARTS

REAR POWER DISTRIBUTION BOX

REAR POWER DISTRIBUTION BOX





POWER DISTRIBUTION CHARTS

REAR POWER DISTRIBUTION BOX

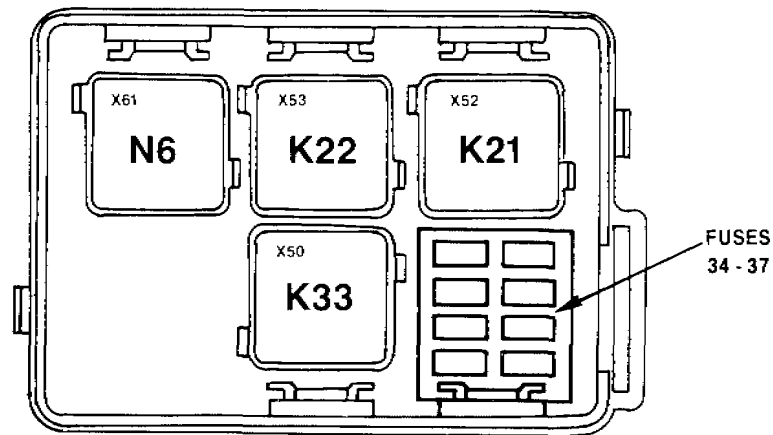
| COMPONENTS IN REAR POWER DISTRIBUTION BOX | | |
|---|------------------------------|---|
| NUMBER | CONNECTOR | DESCRIPTION |
| A1 | X253, X254, X255, X332 | GENERAL MODULE |
| A5 | X258, X259 | RELAY MODULE |
| A13 | X616 | REAR HEADREST CONTROL UNIT |
| K11 | X293 | WIPER RELAY |
| K13 | X292 | REAR DEFOGGER RELAY |
| K15 | X294 | ELECTRIC POWER PROTECTION RELAY |
| K27 | X631 | LEFT REAR SEAT HEATING/ POSITION RELAY |
| K28 | X632 | RIGHT REAR SEAT HEATING/ POSITION RELAY (WITH REAR POWER SEATS) |
| K600 | X620 | REAR SEAT HEATING/ HEADREST RELAY (WITHOUT REAR POWER SEATS) |
| N13 | X262 | INFRARED LOCKING CONTROL UNIT |



POWER DISTRIBUTION CHARTS

AUXILIARY RELAY BOXES

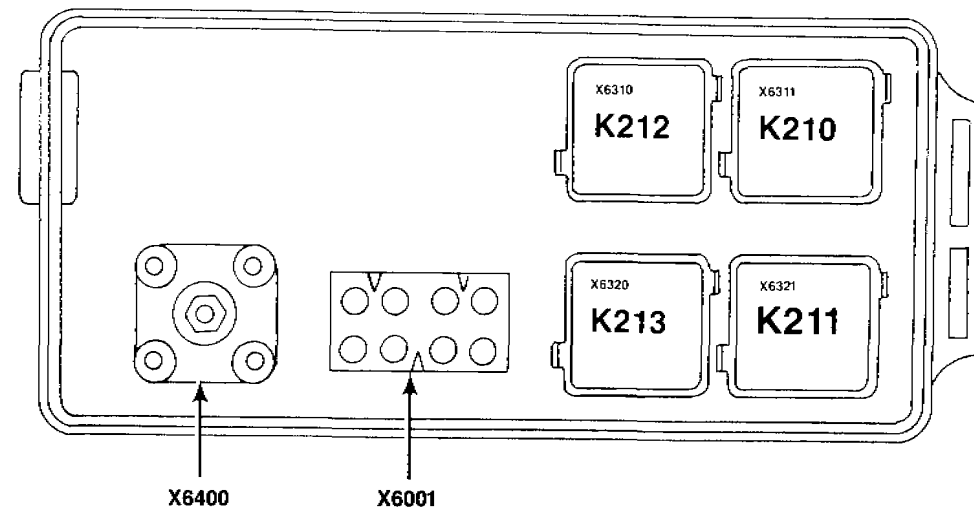
AUXILIARY RELAY BOX 1



| COMPONENTS IN AUXILIARY RELAY BOX 1 | | |
|-------------------------------------|-----------|--|
| NUMBER | CONNECTOR | DESCRIPTION |
| K21 | X52 | NORMAL SPEED RELAY |
| K22 | X53 | HIGH SPEED RELAY |
| K33 | X56 | AIR CONDITIONING MOTRONIC RELAY |
| N6 | X61 | HEADLIGHT/FRONT FOG LIGHT MODULE (SRA) |

AUXILIARY RELAY BOX 2

X8575



| COMPONENTS IN AUXILIARY RELAY BOX 2, 750iL ONLY | | |
|---|-----------|--------------------|
| NUMBER | CONNECTOR | DESCRIPTION |
| K210 | X6311 | FUEL PUMP RELAY I |
| K211 | X6321 | FUEL PUMP RELAY II |
| K212 | X6310 | MAIN RELAY I |
| K213 | X6320 | MAIN RELAY II |
| — | X6001 | CONNECTOR (8 PINS) |
| — | X8575 | CONNECTOR (2 PINS) |
| — | X6400 | B + JUNCTION POST |



Fuse Chart

Fuses 1 to 29

| | | Fuse Numbers | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|--------------|------|------|------|-----|-----|-----|---|-----|------|------|-----|------|------|------|-----|------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| | | 15A | 7.5A | 7.5A | 7.5A | 10A | 15A | 15A | | 15A | 7.5A | 7.5A | 15A | 7.5A | 7.5A | 7.5A | 30A | 7.5A | 15A | 30A | 7.5A | 7.5A | 30A | 15A | 15A | 30A | 30A | 30A | 15A | 7.5A |
| 1230 | Charging System | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | ● | |
| 1240 | Start | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | |
| 1360 | Injection Electronics (DME 1.3) | | | | | | | | | | | | | | | | | ● | | | | | ● | | | | | | | |
| 1361 | Injection Electronics (DME/EML 1.3) | | | | | | | | | | | | | | | | | ● | | | | | ● | | | | | | | |
| 1367 | Injection Electronics (DME/EML 1.7) | | | | | | | | | | | | | | | | | ● | | | | | ● | ● | | | | | ● | |
| 1374 | Electronic Throttle Control | ● | | | | | | | | | | | | | | | | ● | | | ● | | | | | | | | | |
| 1375 | Electronic Throttle Control | ● | | | | | | | | | | | | | | | | ● | | | ● | | | | | | | | | |
| 2460 | Electronic Transmission Control (EGS) | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | |
| 2465 | Electronic Transmission Control (EGS/EML) | ● | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | |
| 3231 | Memory Steering Column | | | | | | | | | | | | | | | | ● | | ● | | | | | | | | | | | |
| 3232 | Power Steering Column Adjust | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3240 | Power Assist Steering (Servotronic) | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | |
| 3435 | Brake Lining Warning | ● | | | | | | | | | | | | | | | | ● | | | ● | | | | | | | | | |
| 3450 | Antilock Brake System (ABS) | ● | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | |
| 3451 | Automatic Stability Control | ● | | | | | | | | | | | | | | | | ● | | | | | | | | | | | ● | |
| 3452 | Automatic Stability Plus Traction Control (ASC + T) | ● | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | |
| 3715 | Electronic Damper Control (EDC) | | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | |
| 5116 | Electronic Mirror | | | | | | | | | | | ● | | | | | | ● | | | | | | | | | | | | |
| 5119 | Memory Mirrors | | | | | | | | | | | ● | | | | ● | ● | ● | | | | | | | | | | | | |



Fuse Chart

Fuses 1 to 29

| | Fuse Numbers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-----|-----|-----|---|-----|------|------|-----|------|------|------|-----|------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|------|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | |
| | 15A | 7.5A | 7.5A | 7.5A | 10A | 15A | 15A | | 15A | 7.5A | 7.5A | 15A | 7.5A | 7.5A | 7.5A | 30A | 7.5A | 15A | 30A | 7.5A | 7.5A | 30A | 15A | 15A | 30A | 30A | 30A | 15A | 7.5A | |
| 5120 Door Lock Heating (ZKE) | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | |
| 5126 Central Locking System (ZKE) | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | |
| 5133 Power Windows (ZKE) | | | | | | | | | | | | | | | | | ● | | | ● | | | | | | | | | | |
| 5200 Power Seats | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | ● | |
| 5201 Memory Seat | | | | | | | | | | | | | | | | ● | ● | ● | | | | | | | | | | | | |
| 5202 Lumbar Support | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | |
| 5203 Heated Seats | | | | | | | | | | | | | | | | ● | | | | | | | | | | | ● | | ● | |
| 5205 Automatic Rear Headrest | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| 5410 Sunroof (ZKE) | | | | | | | | | | | | | | | | | ● | | | ● | | | | | | | | | | |
| 6100 Central Body Electronics (ZKE) | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | |
| 6133 Horn | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | |
| 6161 Windshield Wipers (ZKE) | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | |
| 6166 Windshield Washer (ZKE) | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | |
| 6167 Headlight/Foglight Washer (ZKE) | | ● | ● | ● | ● | | | | | | | | | | | | ● | | | | | ● | | | | | | | | |
| 6169 Windshield Washer Jet Heaters | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | ● | |
| 6200 Instrument Cluster/Check Control | ● | | | | | | | | | | | ● | | | | | ● | | | ● | | | | | | | | | ● | |
| 6300 Light Switch Details | | ● | ● | ● | ● | | | | | | | | | | | | | | | | ● | | | | | | | | | |
| 6301 Lamp Monitor (LKM) | ● | ● | ● | ● | ● | | ● | | | ● | ● | | ● | ● | | | | | | | | | | | | | | | | |
| 6312 Turn Hazard Lights | | ● | ● | | | ● | | | | | | | ● | ● | | | | | | | | | | | | | | | | |



Fuse Chart

Fuses 1 to 29

| | Fuse Numbers | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--------------|------|------|------|-----|-----|-----|---|---|-----|------|------|-----|------|------|------|-----|------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| | 15A | 7.5A | 7.5A | 7.5A | 10A | 15A | 15A | | | 15A | 7.5A | 7.5A | 15A | 7.5A | 7.5A | 7.5A | 30A | 7.5A | 15A | 30A | 7.5A | 7.5A | 30A | 15A | 15A | 30A | 30A | 30A | 15A |
| 6313 | | • | • | • | • | | • | | | • | • | | • | • | | | | | | | | | | | | | | | |
| 6314 | • | | | • | • | | | | | | | | | | | | | | | | • | | | | | | | | |
| 6320 | | | | • | • | | | | | | | | | | | | | | | | | | | | | | | | |
| 6322 | | | | | | | | | | | | • | | | | | | | | | • | | | | | | | | |
| 6325 | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6330 | | • | | • | • | | | | | | | | | | | | | • | • | | | | | | | | | | |
| 6331 | | • | | • | • | | | | | | | | | | • | | | | | | | | | | | | • | | |
| 6413 | | | | | | | | | | | | | | | | | | | | | • | • | • | | | | | | |
| 6420 | | | | | | | | | | | | | | | | | | | | | | • | | | | | | | |
| 6450 | | | | | | | | | • | | | | | | | | | | | | • | • | • | | | | | | • |
| 6454 | | | | | | | | | • | | | | | | | | | | | | | | | | | • | | | • |
| 6500 | | | | | | | | | | | | | | | | | | | | • | | | | | | | | | |
| 6501 | | | | | | | | | • | | | | | | | | | | | • | | | | | | | | | |
| 6571 | | • | | | | | | | | | | | | | | | | | • | | | | | | | | | | |
| 6572 | | • | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6575 | | | | | | | | | | | | | | | | | | | • | • | | • | | | | | | | |
| 6581 | | | | | | | | | | | | | | | • | | | • | | | • | | | | | | | | |
| 6610 | | | | | | | | | | | | | | | | | | • | | | | | | | | | | | |



Fuse Chart

Fuses 30 to 54

| | | Fuse Numbers | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|--------------|------|-----|-----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----|----|
| | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| | | 7.5A | 7.5A | 15A | 15A | | | | | | | | 30A | 30A | 30A | 30A | 30A | 30A | 30A | 30A | 15A | 10A | 30A | 7.5A | | |
| 1230 | Charging System | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1240 | Start | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1360 | Injection Electronics (DME 1.3) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1361 | Injection Electronics (DME/EML 1.3) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1367 | Injection Electronics (DME/EML 1.7) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1374 | Electronic Throttle Control (EML 1.3) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1375 | Electronic Throttle Control (EML 1.7) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2460 | Electronic Transmission Control (EGS) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2465 | Electronic Transmission Control (EGS/EML) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3231 | Memory Steering Column | | | | | | | | | | | | ● | | | | | | | | | | | | | |
| 3232 | Power Steering Column Adjust | | | | | | | | | | | | | | | | | | | ● | | | | | | |
| 3240 | Power Assist Steering (Servotronic) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3435 | Brake Lining Warning | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3450 | Antilock Brake System (ABS) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3451 | Automatic Stability Control | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3452 | Automatic Stability Plus Traction Control (ASC+T) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3715 | Electronic Damper Control (EDC) | | | | | | | | | | | | | | | | | ● | | | | | | | | |
| 5116 | Electronic Mirror | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5119 | Memory Mirrors | ● | | | | | | | | | | | ● | | ● | | | | | | | | | | | |



Fuse Chart

Fuses 30 to 54

| | | Fuse Numbers | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|----------------------------------|--------------|------|-----|-----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----|----|----|--|--|--|--|
| | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | | | | |
| | | 7.5A | 7.5A | 15A | 15A | | | | | | | 30A | 30A | 30A | 30A | 30A | 30A | 30A | 30A | 15A | 10A | 30A | 7.5A | | | | | | | |
| 5120 | Door Lock Heating (ZKE) | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5126 | Central Locking System (ZKE) | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5133 | Power Windows (ZKE) | ● | ● | | | | | | | | | | | | | ● | | | | | | | | | | | | | | |
| 5200 | Power Seats | | | | | | | | | | ● | | | ● | | | | | | | | | | | | | | | | |
| 5201 | Memory Seat | ● | | | | | | | | | | | ● | | ● | | | | | | | | | | | | | | | |
| 5202 | Lumbar Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5203 | Heated Seats | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | |
| 5205 | Automatic Rear Headrest | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | |
| 5410 | Sunroof (ZKE) | ● | ● | | | | | | | | | | | | | ● | | | | | | | | | | | | | | |
| 6100 | Central Body Electronics (ZKE) | ● | | | | | | | | | | | | | | ● | | | ● | | | | | | | | | | | |
| 6133 | Horn | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6161 | Windshield Wipers (ZKE) | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | |
| 6166 | Windshield Washer (ZKE) | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | |
| 6167 | Headlight/Foglight Washer (ZKE) | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | |
| 6169 | Windshield Washer Jet Heaters | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6200 | Instrument Cluster/Check Control | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6300 | Light Switch Details | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6301 | Lamp Monitor (LKM) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6312 | Turn Hazard Lights | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Fuse Chart

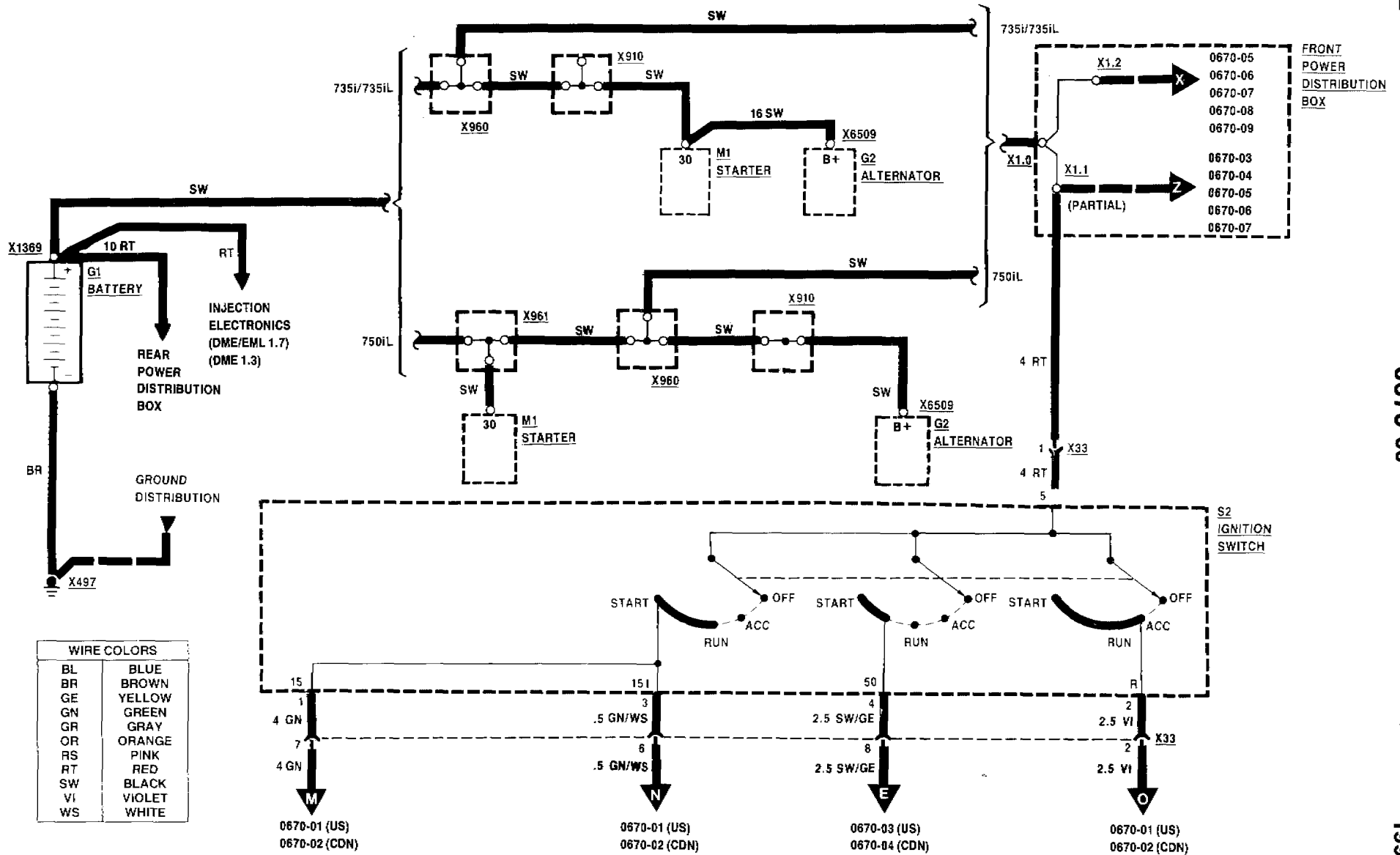
Fuses 30 to 54

| | | Fuse Numbers | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|--------------|------|-----|-----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----|----|--|--|--|
| | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | | | |
| | | 7.5A | 7.5A | 15A | 15A | | | | | | | | 30A | 30A | 30A | 30A | 30A | 30A | 30A | 30A | 15A | 10A | 30A | 7.5A | | | | | |
| 6313 | Headlights/Fog Lights | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6314 | Park/Tail/Marker/Underhood Lights | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6320 | License/Trunk Lights | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | |
| 6322 | Back Up Lights | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6325 | Brake Lights | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6330 | Interior Lights (ZKE) | ● | | | ● | | | | | | | | | | | ● | | | | | | | | | | | | | |
| 6331 | Glove Box Light/Cigar Lighter/Ashtray/Charging Plug | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | |
| 6413 | Park Ventilation | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6420 | Rear Window Defogger/Antenna | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6450 | Automatic Climate Control (IHKA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6454 | Auxiliary Fan | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6500 | Radio/CD Player (Provisions) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6501 | Cellular Telephone (Provisions) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6571 | Cruise Control (Tempomat) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6572 | Cruise Control (EML) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6575 | Antitheft System (DWA) | | ● | | ● | | | | | | | | | | | | | | | | | | | | | | | | |
| 6581 | On-Board Computer | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6610 | Infrared Locking (IRS) | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | |



POWER DISTRIBUTION

FRONT POWER DISTRIBUTION BOX

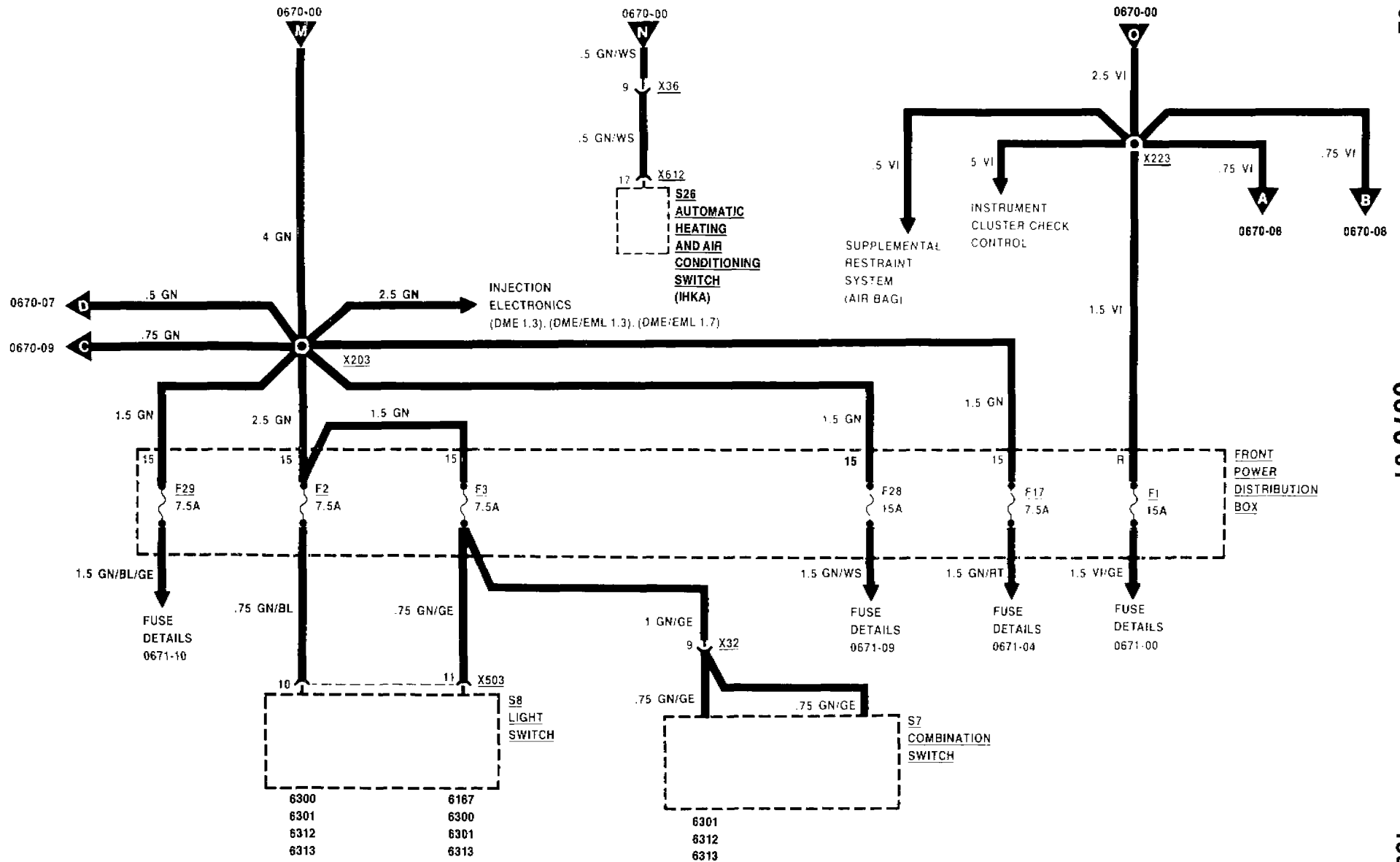




POWER DISTRIBUTION

FRONT POWER DISTRIBUTION BOX

U.S.A.

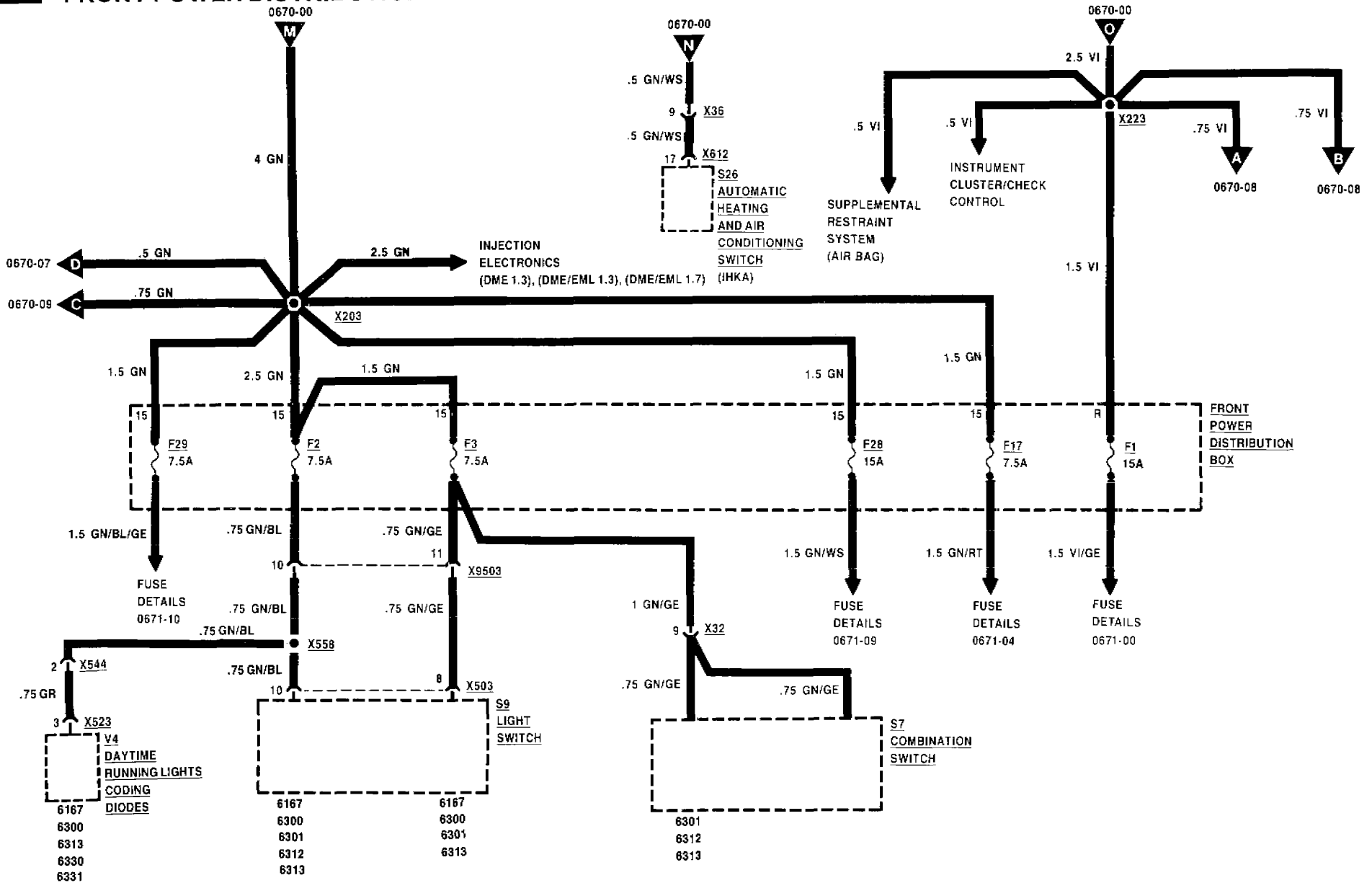


03/92
0670-01
1991



POWER DISTRIBUTION FRONT POWER DISTRIBUTION BOX

CANADA



03/92

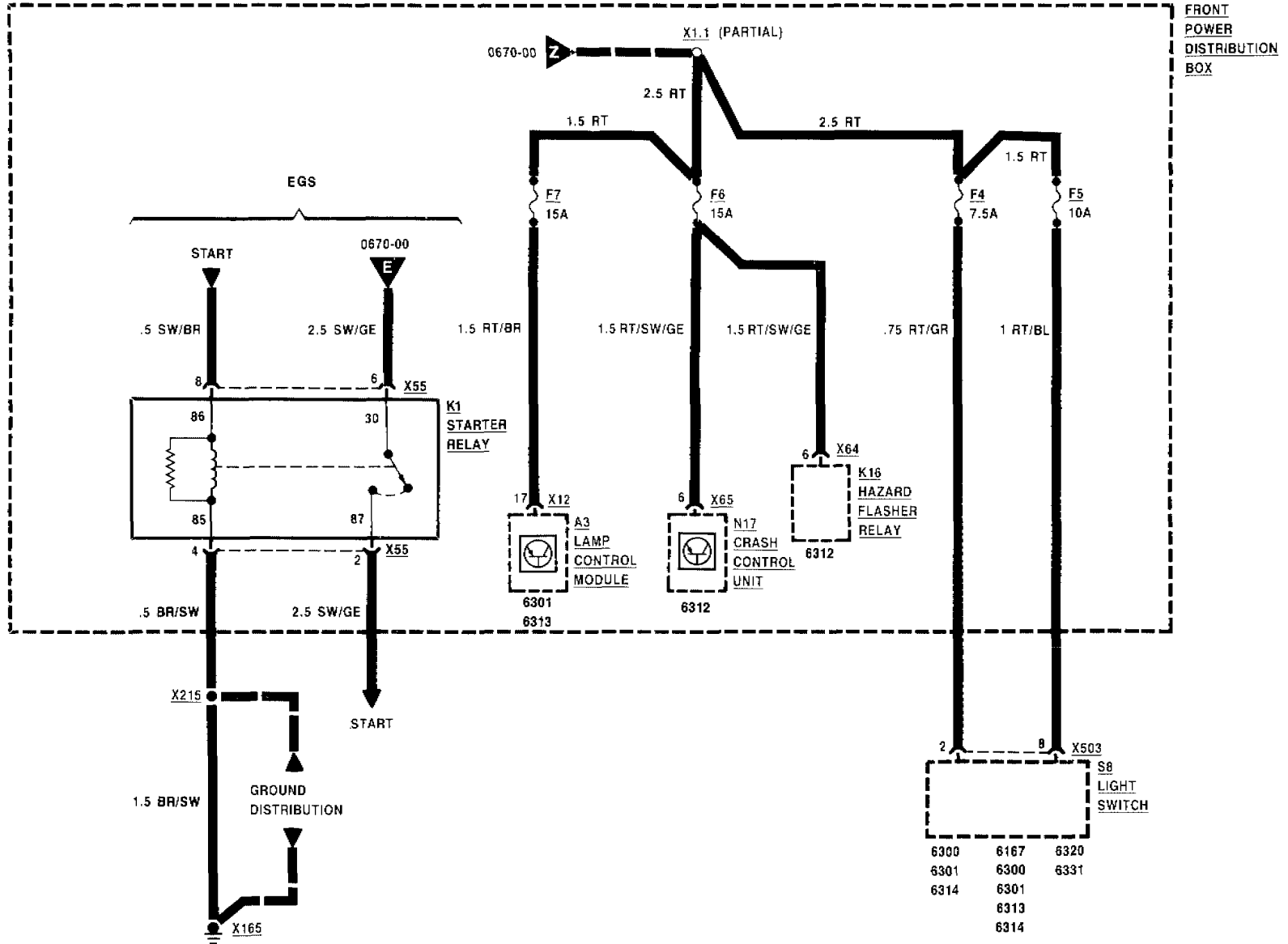
0670-02

1991



POWER DISTRIBUTION FRONT POWER DISTRIBUTION BOX

U.S.A.



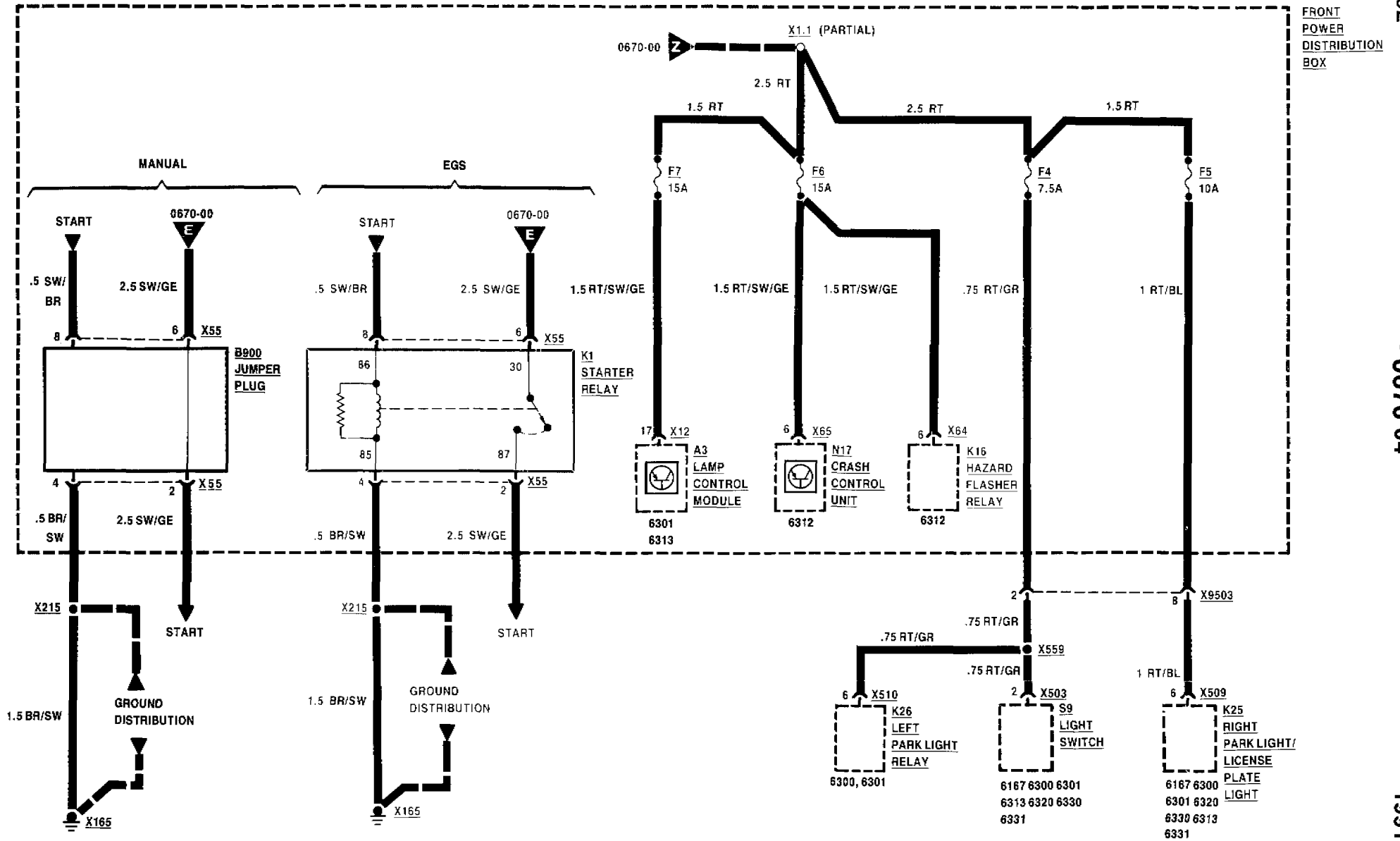
03/92

0670-03

1991

POWER DISTRIBUTION
FRONT POWER DISTRIBUTION BOX

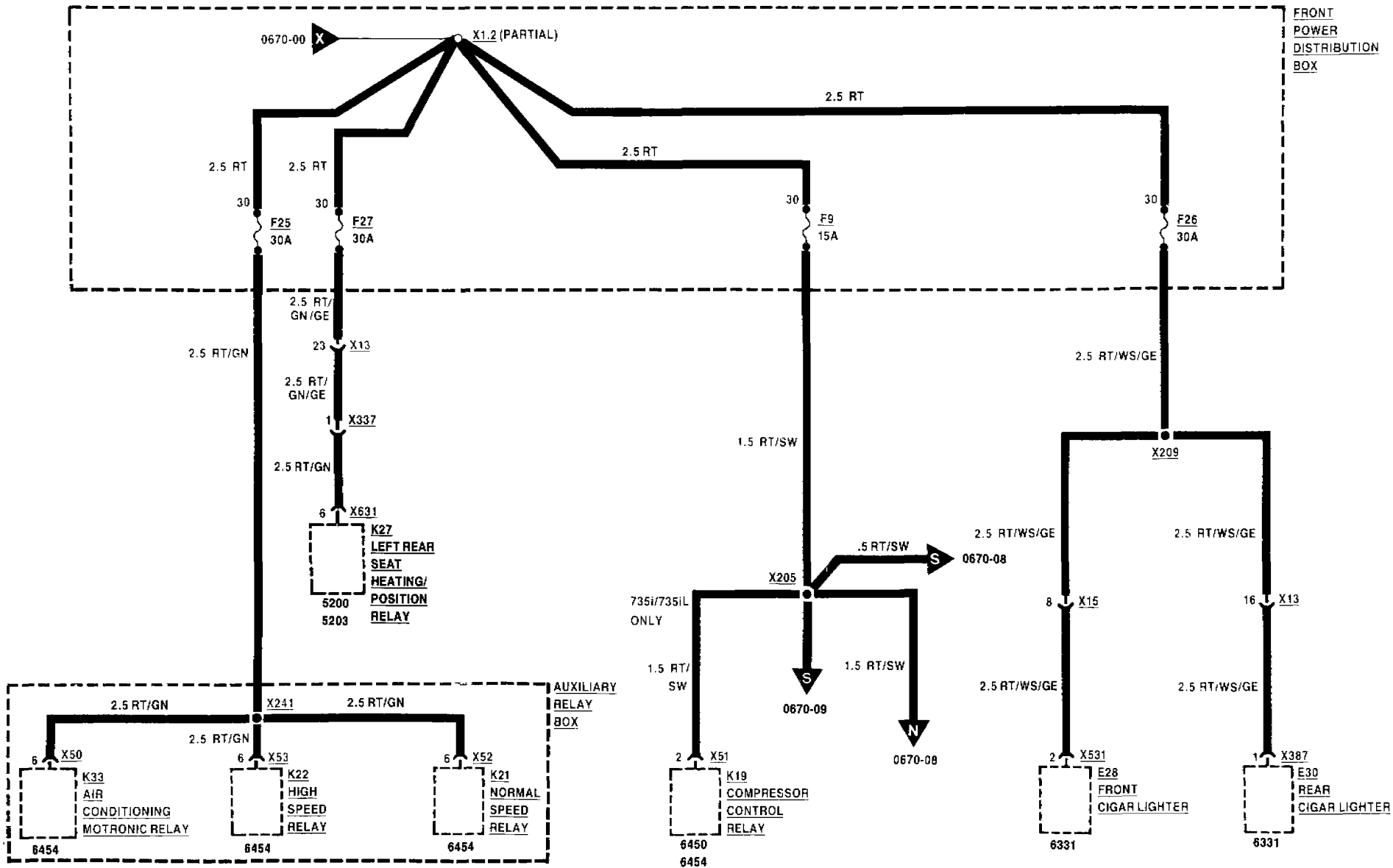
CANADA





POWER DISTRIBUTION

FRONT POWER DISTRIBUTION BOX



03/92

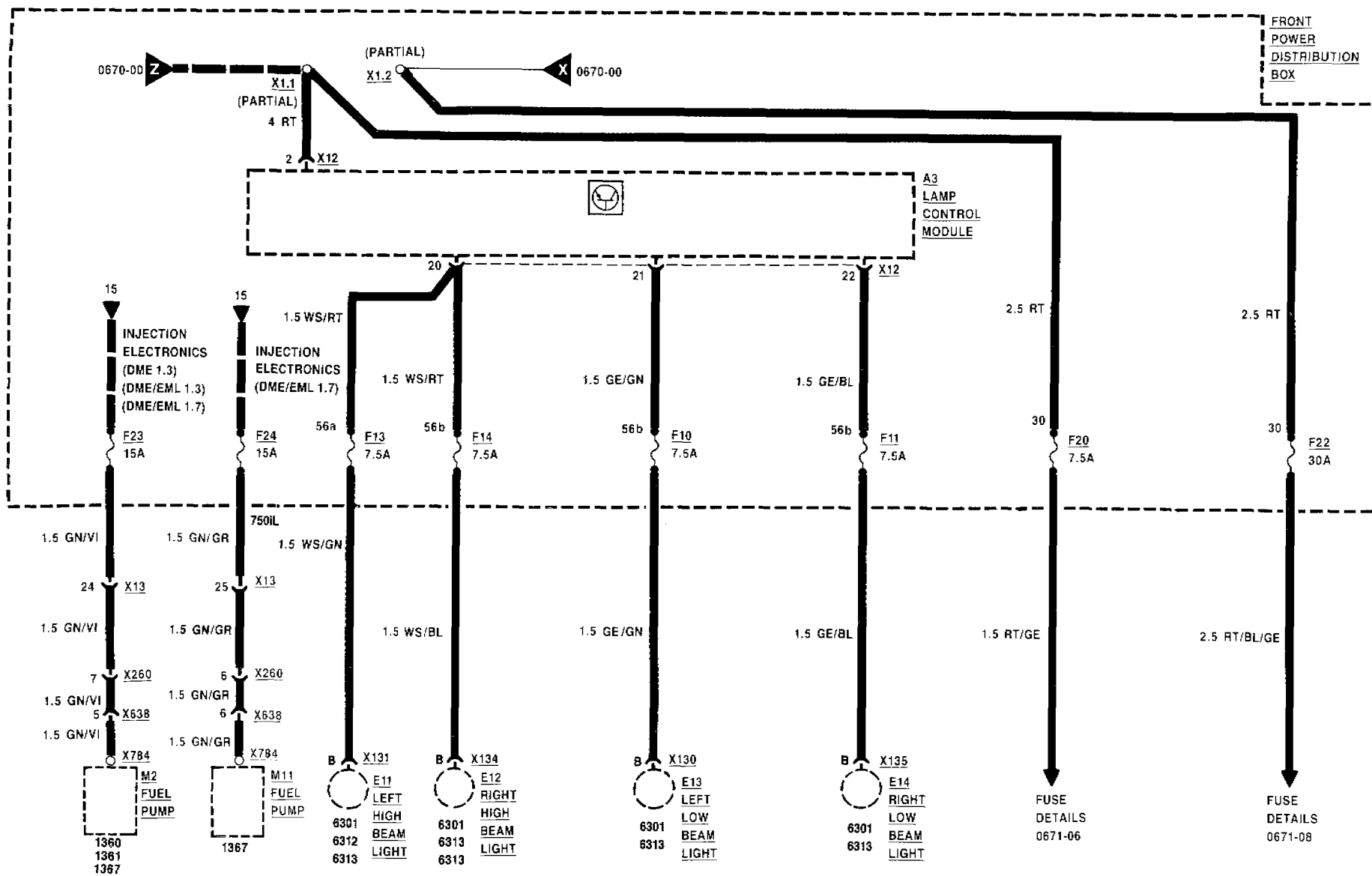
0670-05

1991



POWER DISTRIBUTION

FRONT POWER DISTRIBUTION BOX



03/92

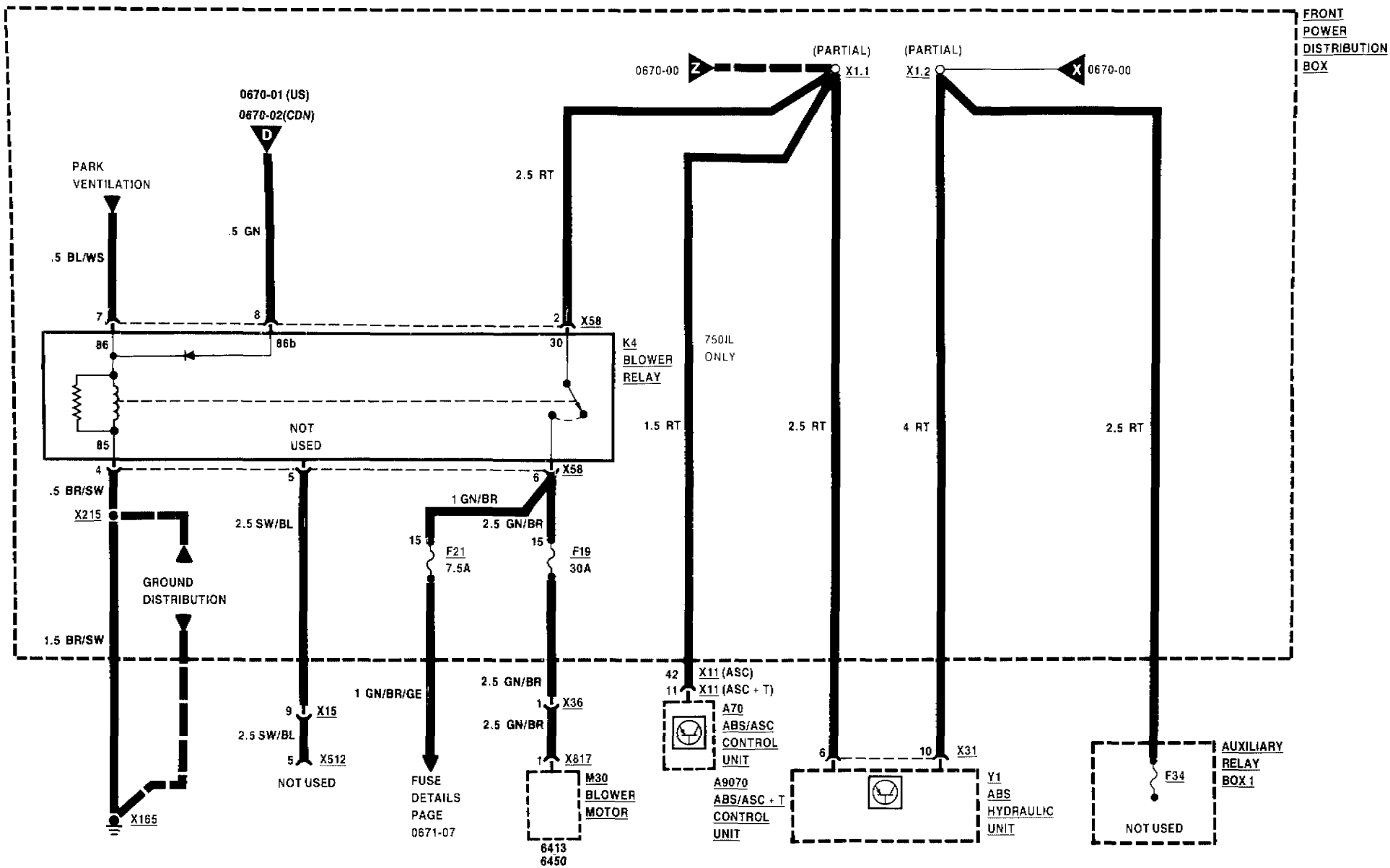
0670-06

1991



POWER DISTRIBUTION

FRONT POWER DISTRIBUTION BOX



03/92

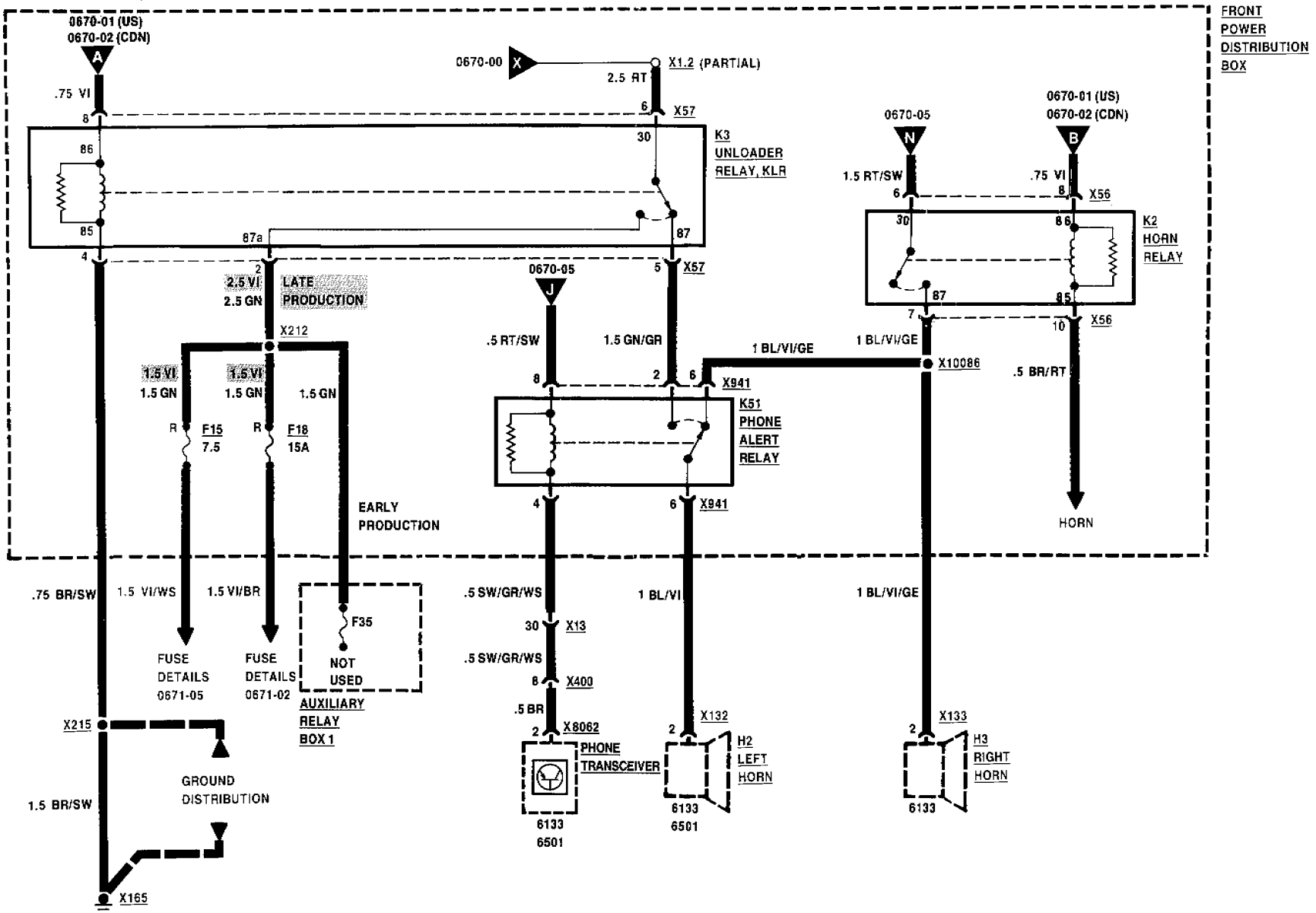
0670-07

1991



POWER DISTRIBUTION

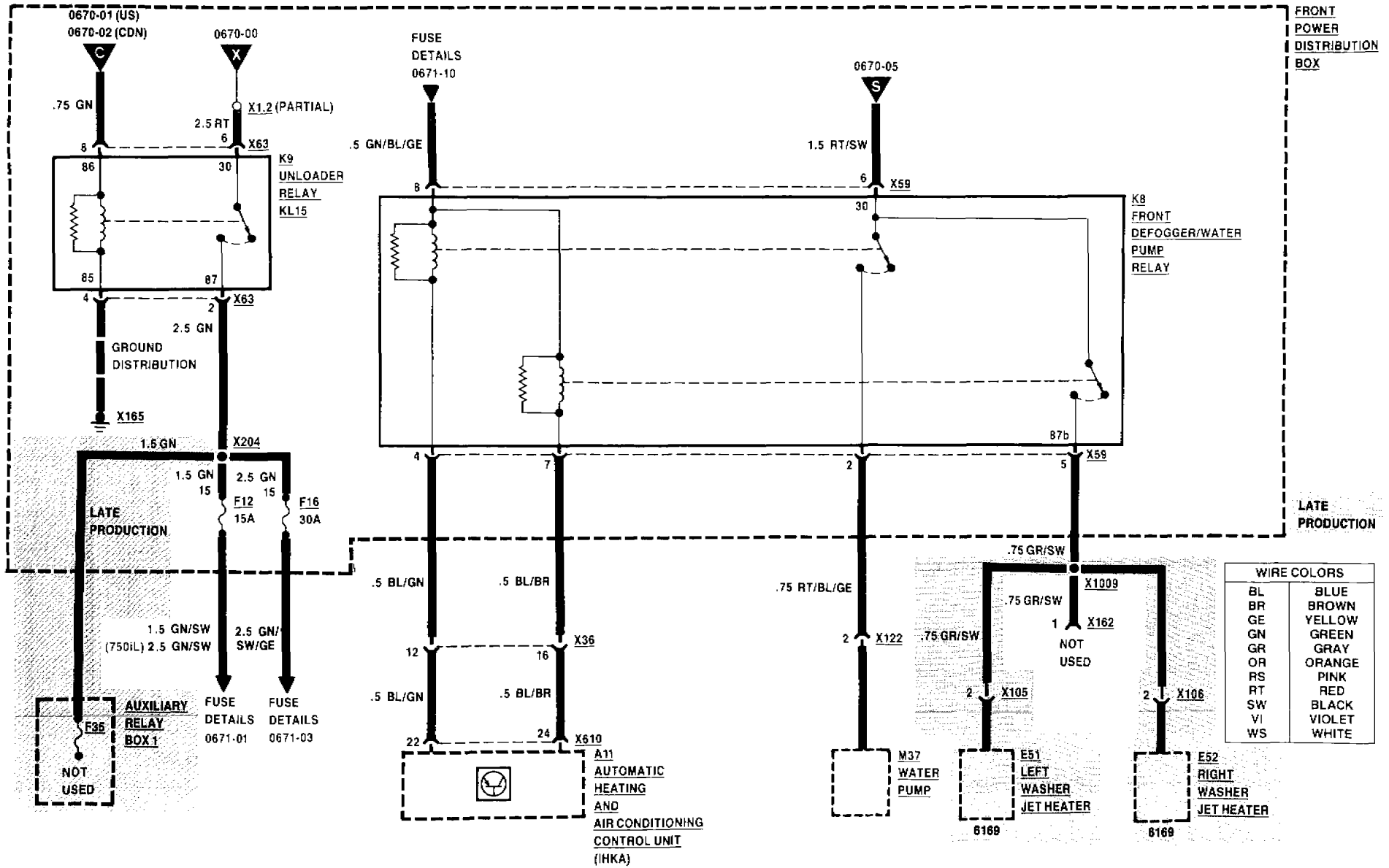
FRONT POWER DISTRIBUTION BOX



FRONT
POWER
DISTRIBUTION
BOX

03/92
0670-08
1991

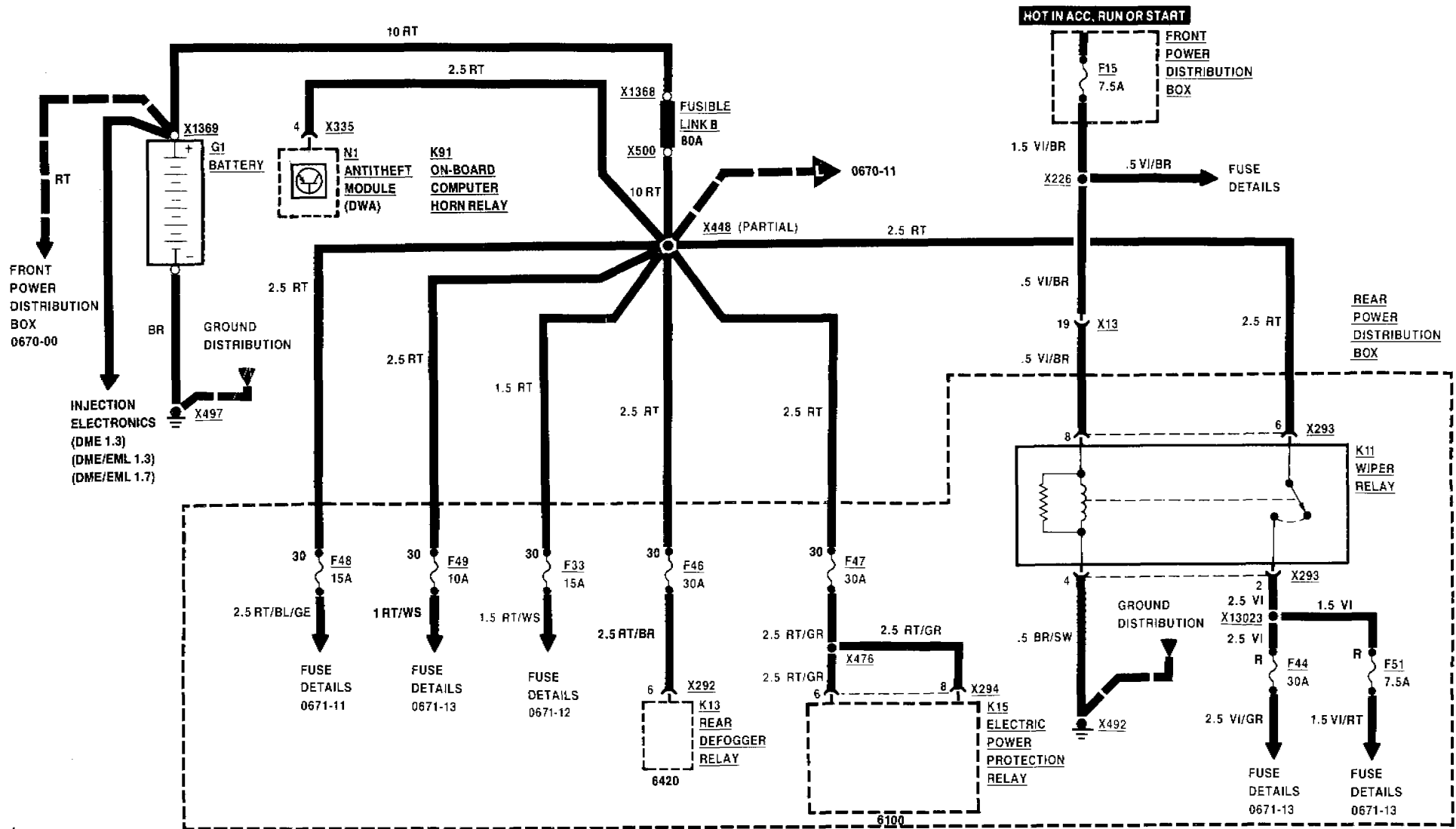
POWER DISTRIBUTION FRONT POWER DISTRIBUTION BOX





POWER DISTRIBUTION

REAR POWER DISTRIBUTION BOX



03/92

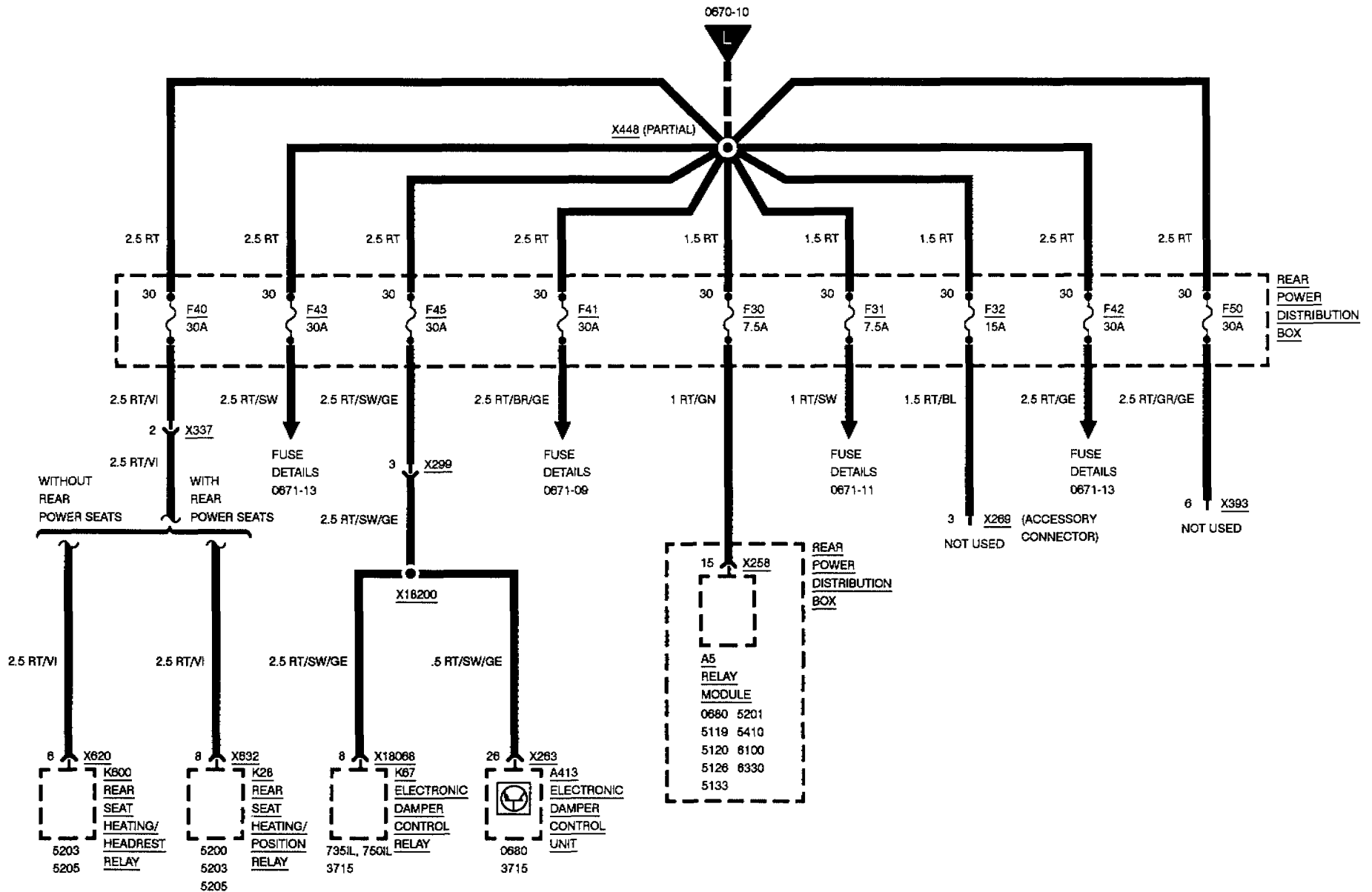
0670-10

1991



POWER DISTRIBUTION

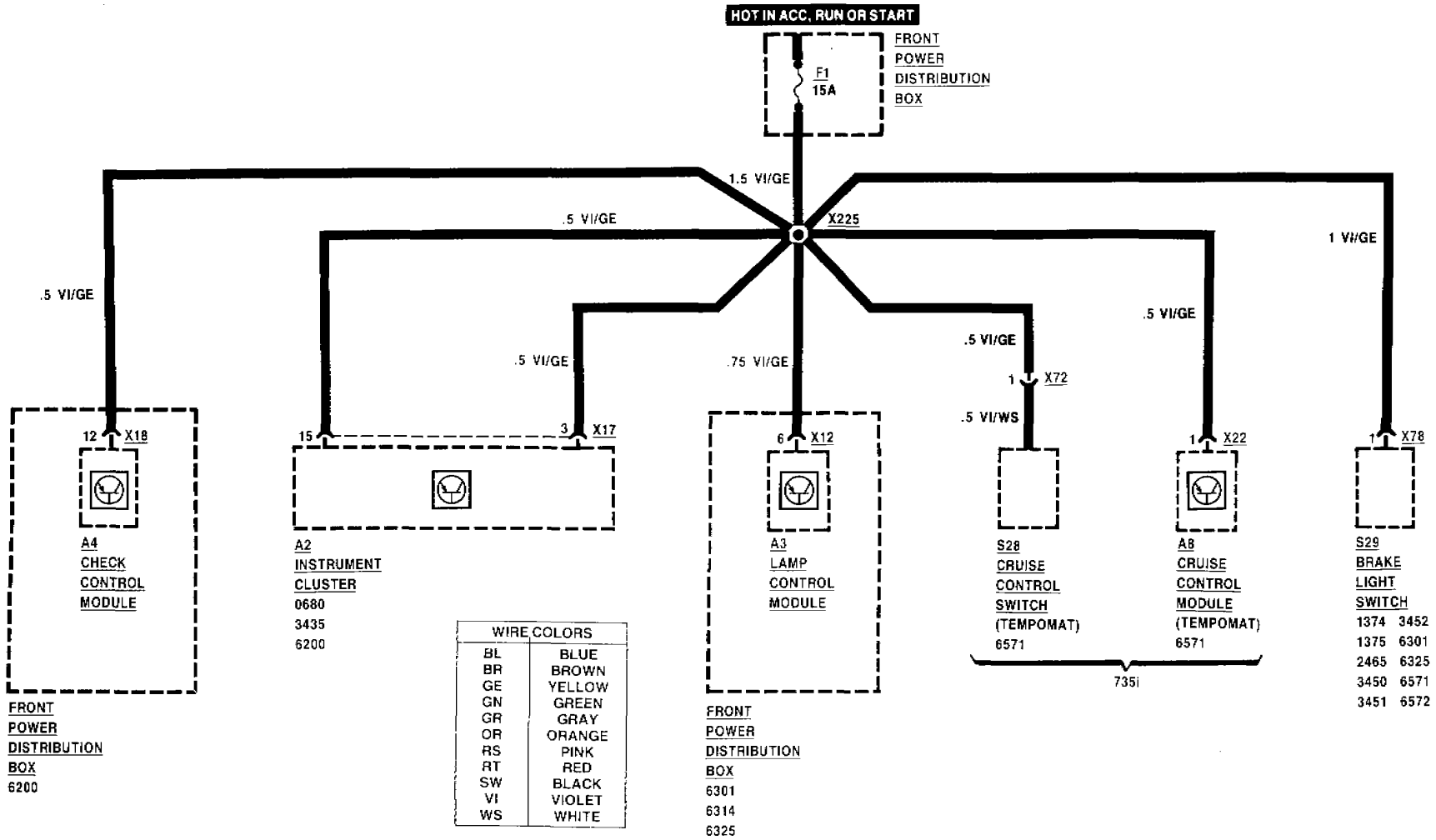
REAR POWER DISTRIBUTION BOX





FUSE DETAILS

FUSE 1

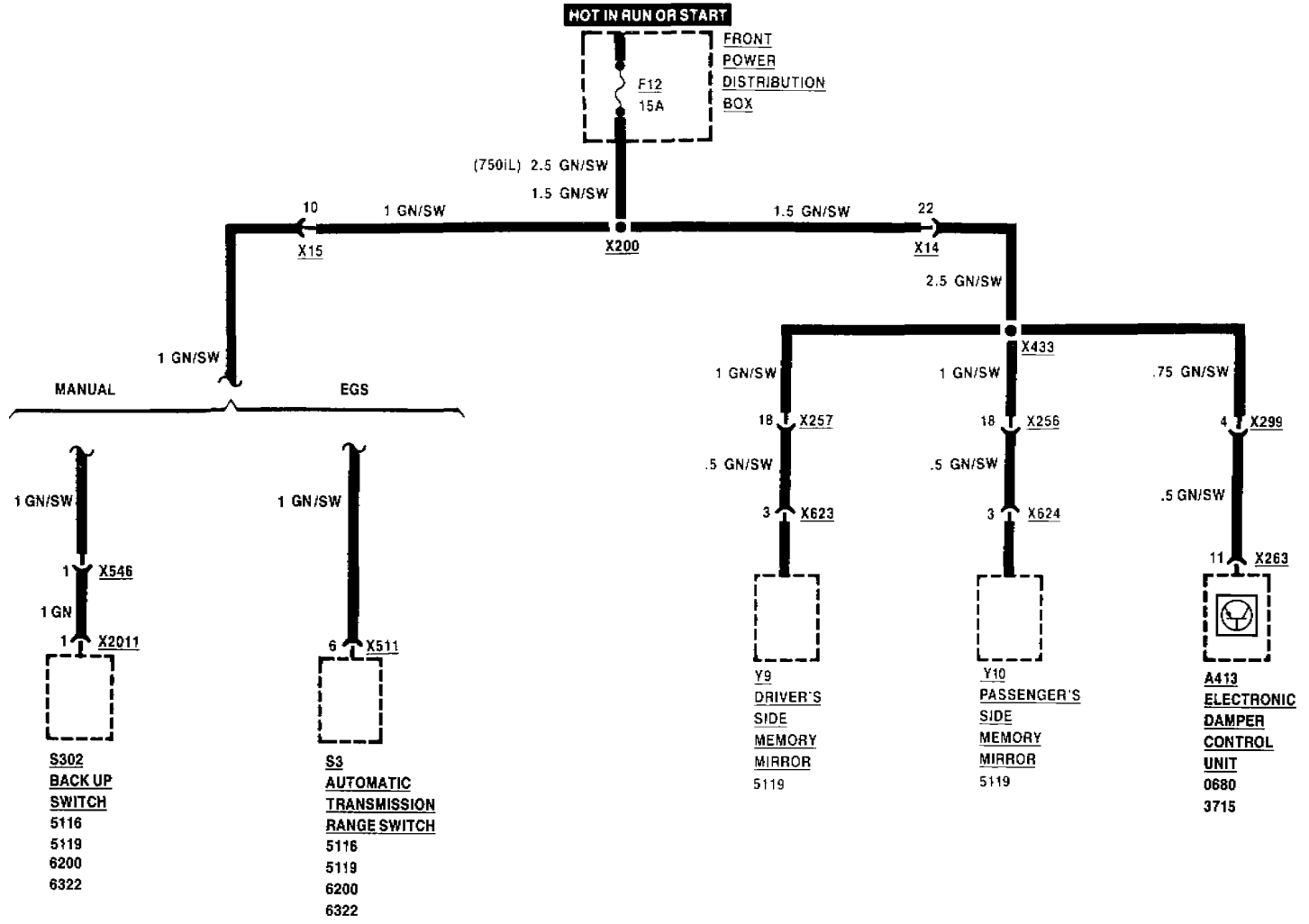




FUSE DETAILS

FUSE 12

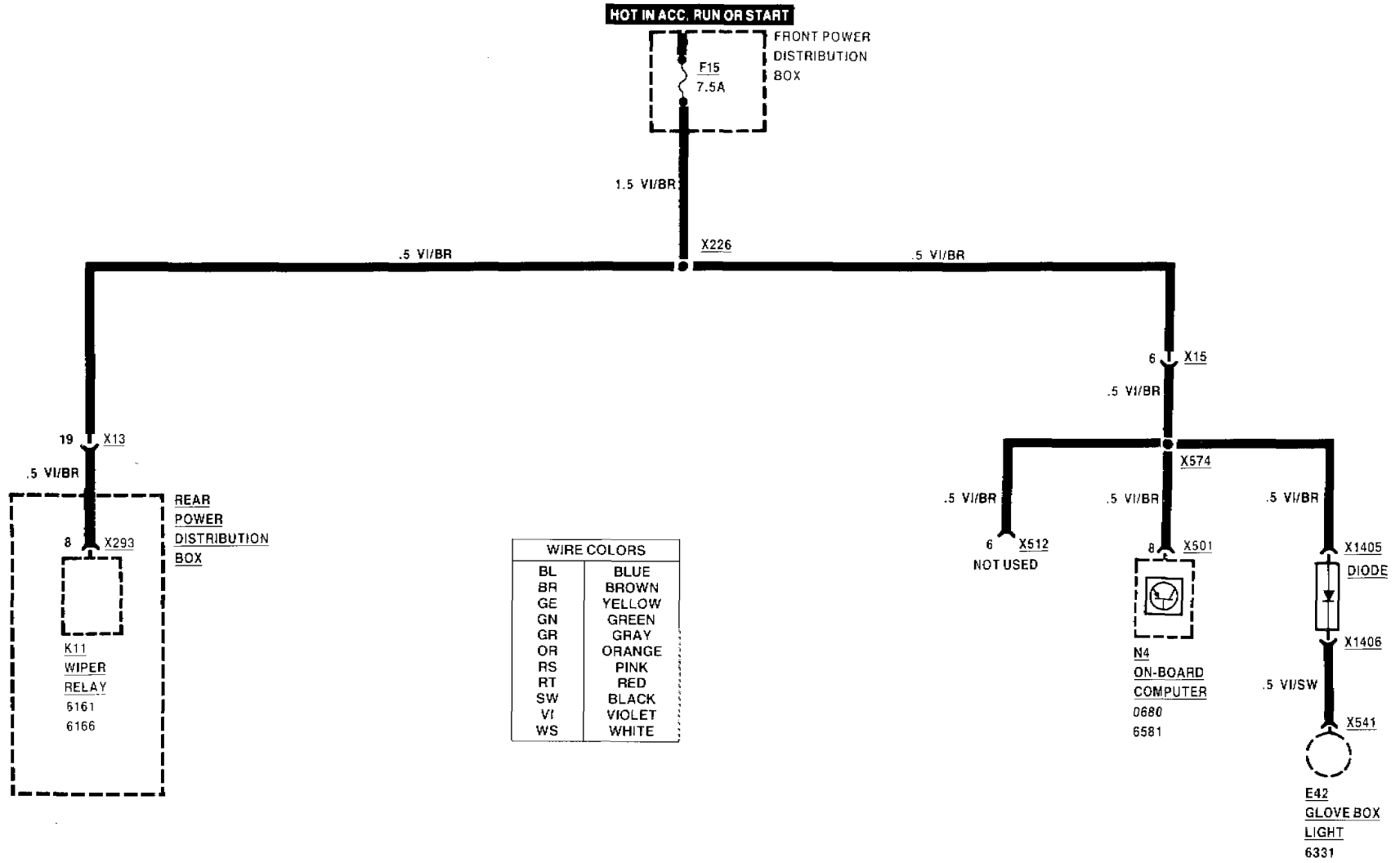
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





FUSE DETAILS

FUSE 15

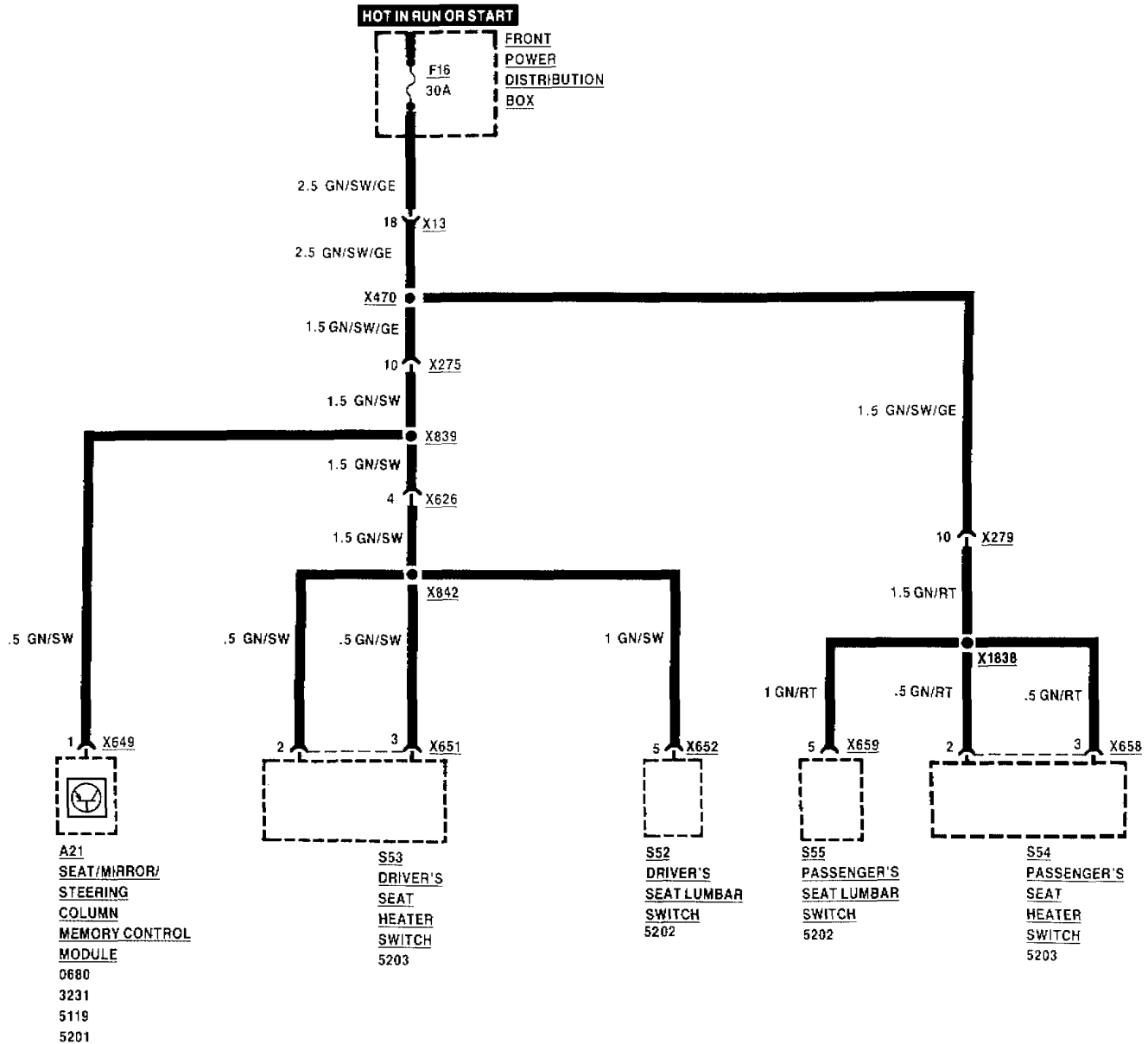




FUSE DETAILS

FUSE 16

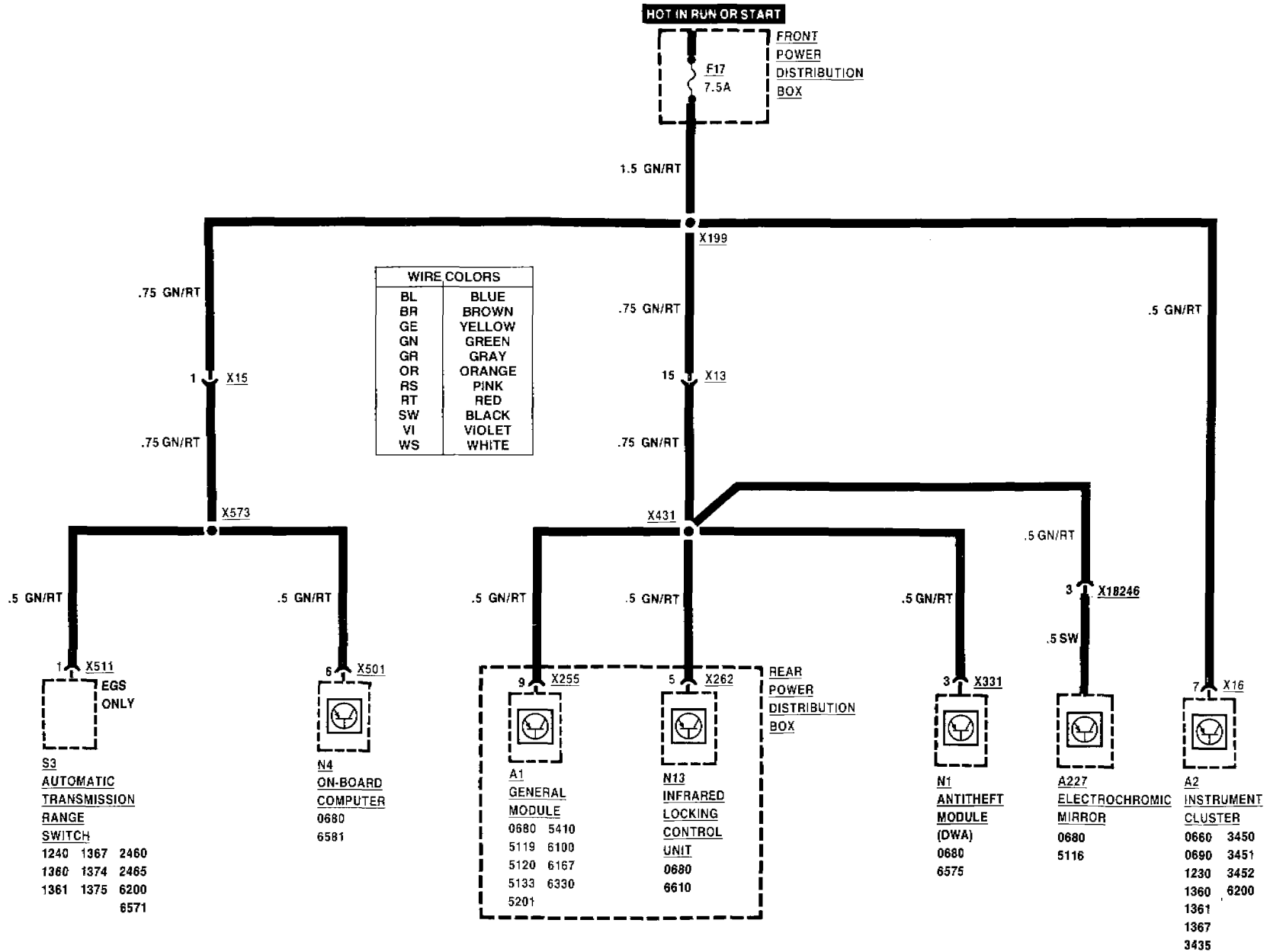
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





FUSE DETAILS

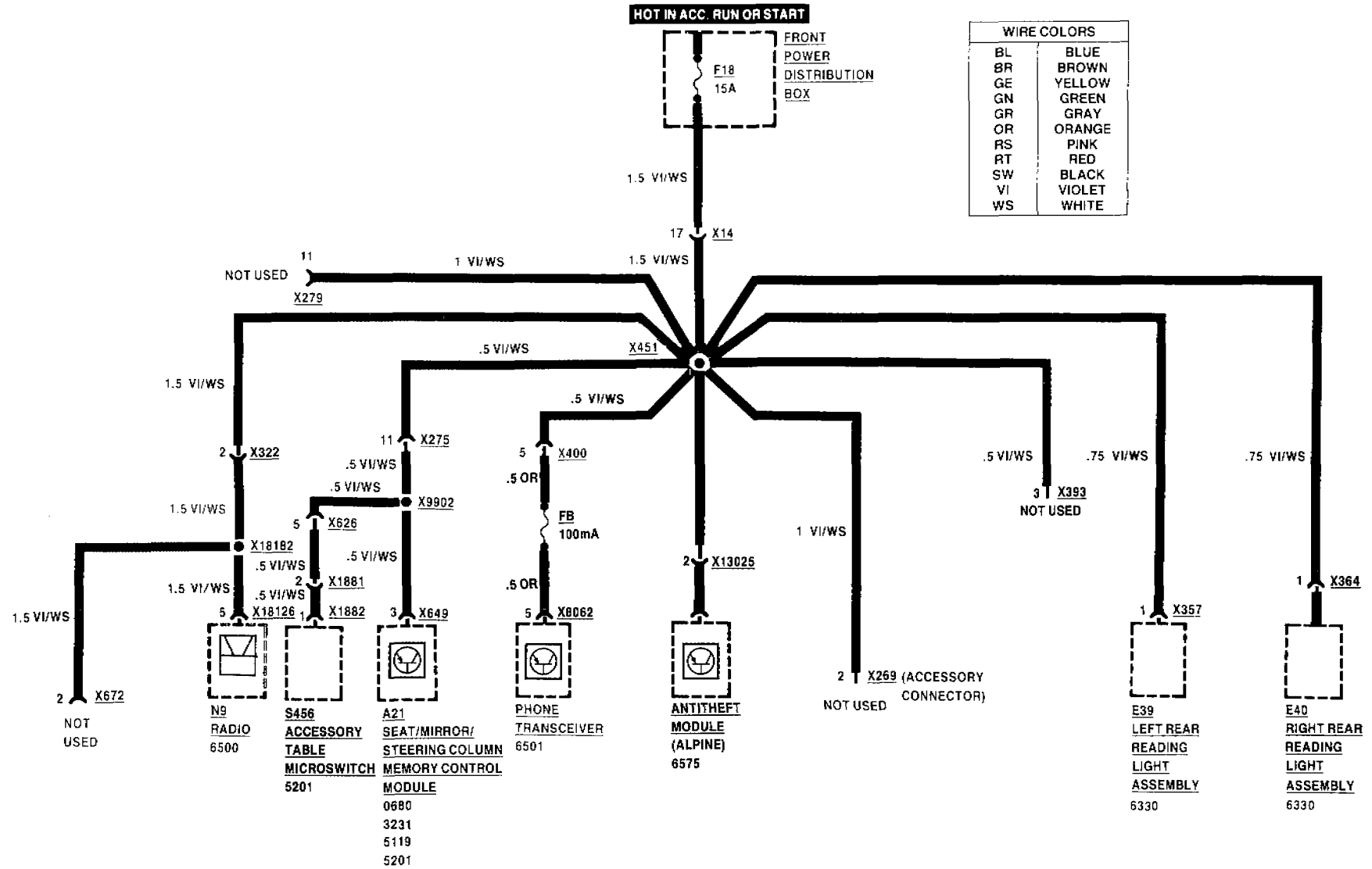
FUSE 17





FUSE DETAILS

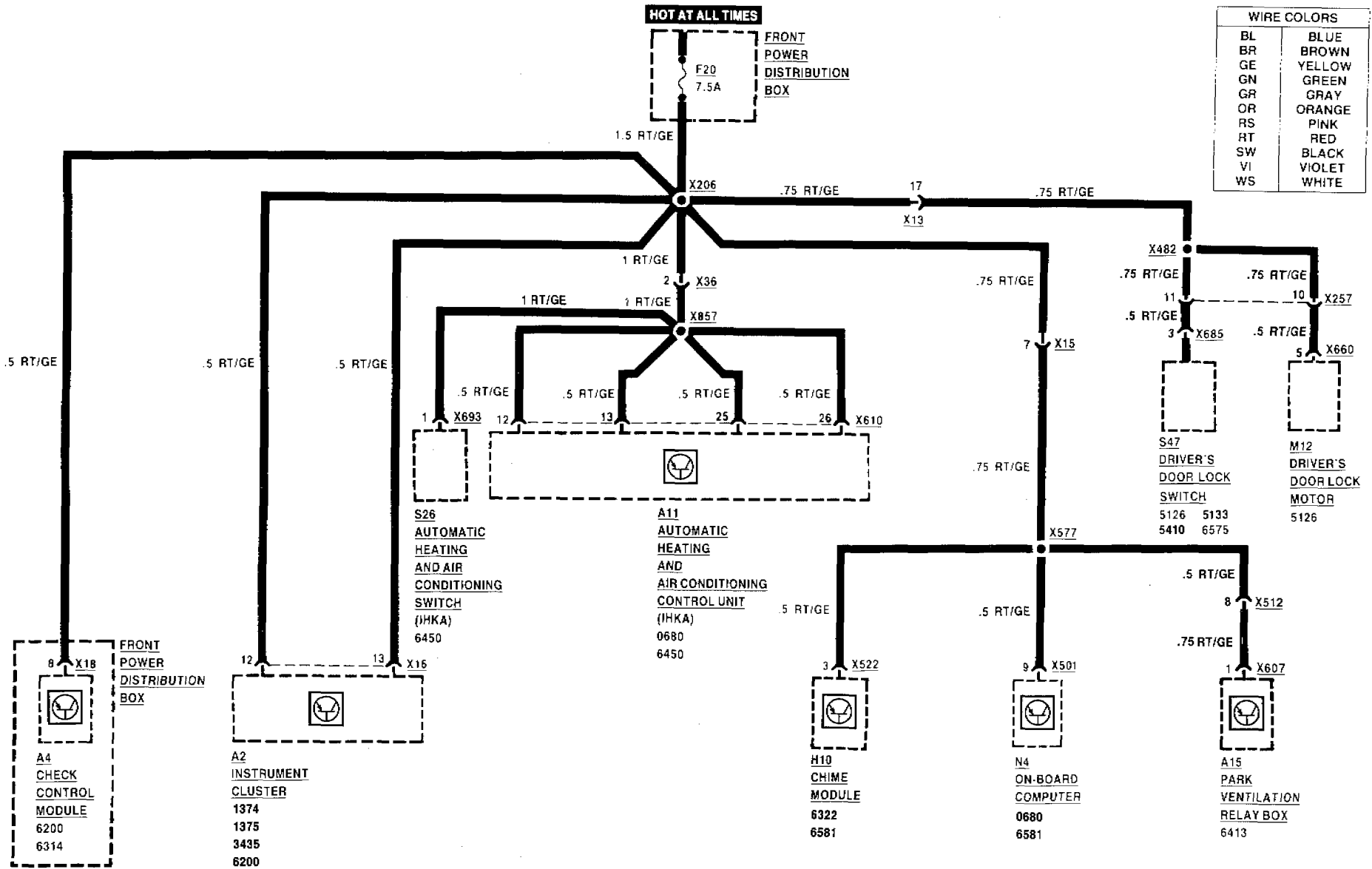
FUSE 18





FUSE DETAILS

FUSE 20

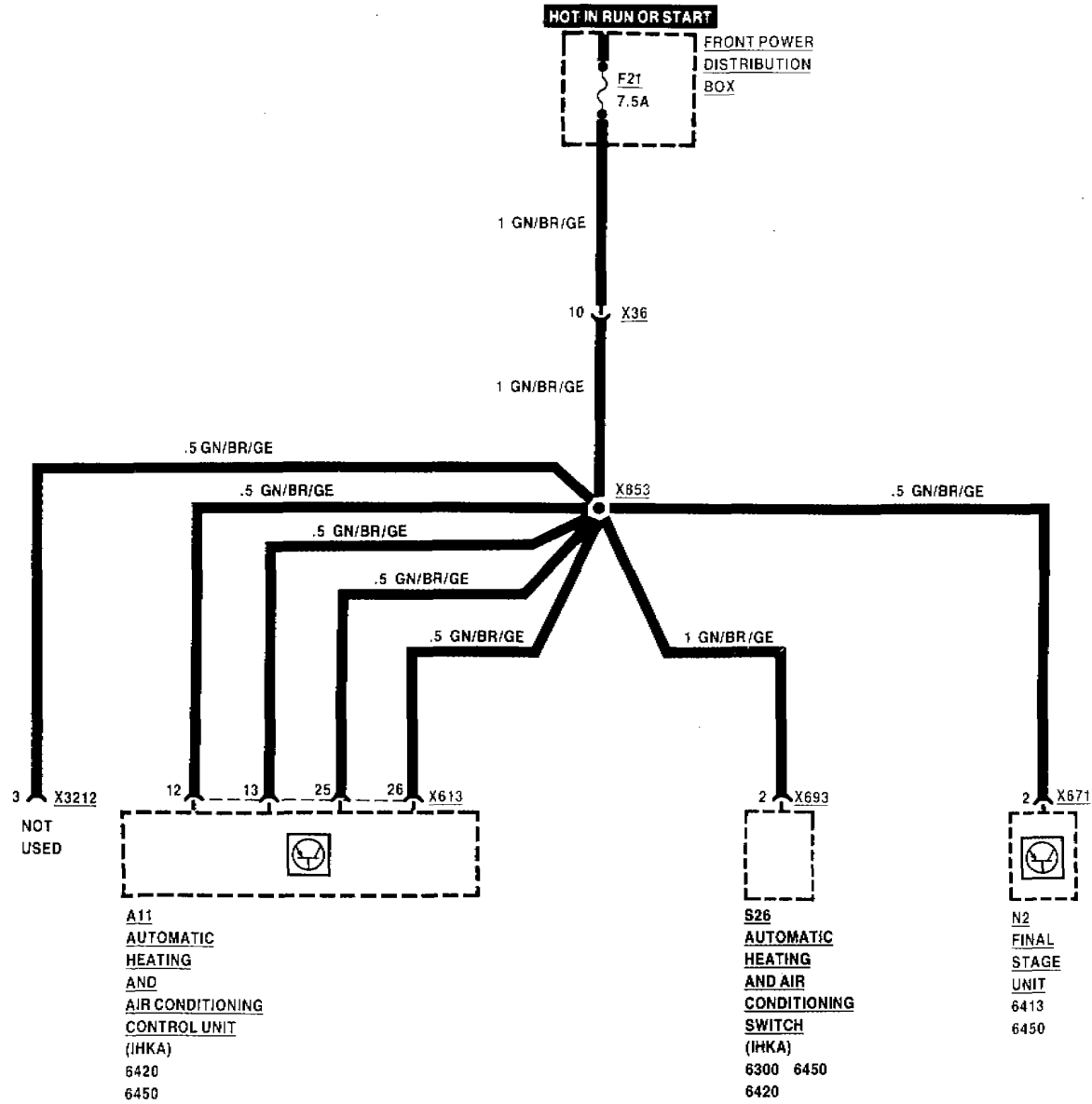


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



FUSE DETAILS

FUSE 21

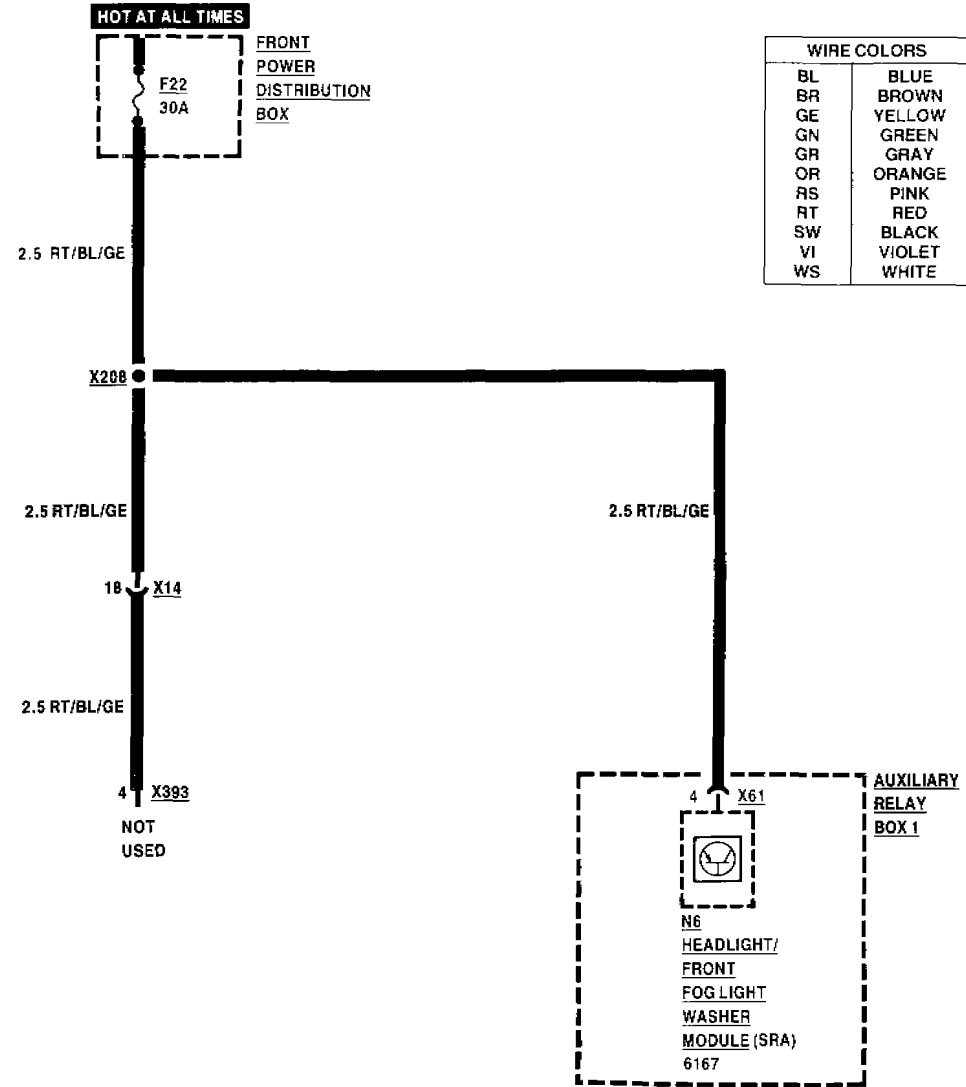


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



FUSE DETAILS

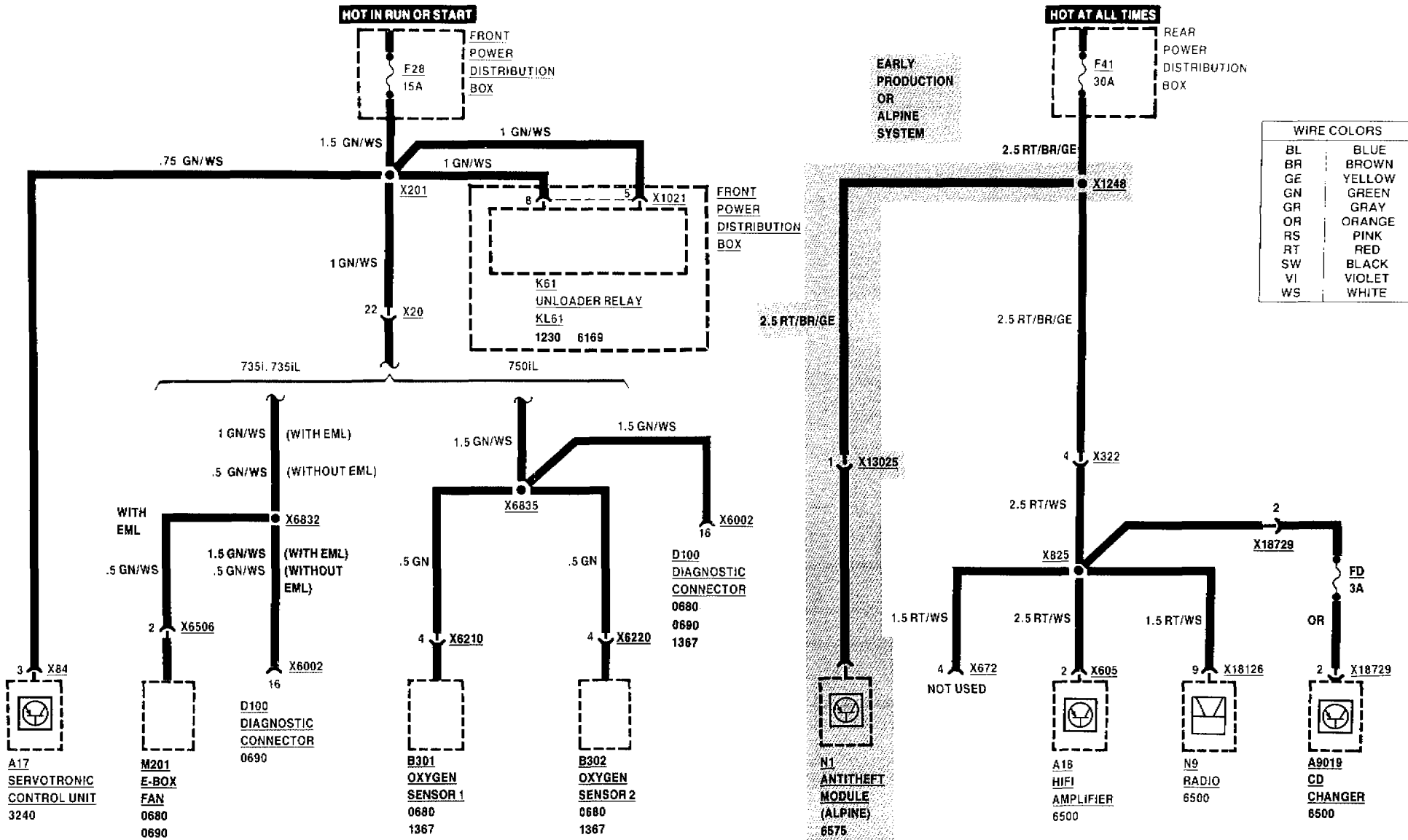
FUSE 22





FUSE DETAILS

FUSES 28 AND 41



03/92

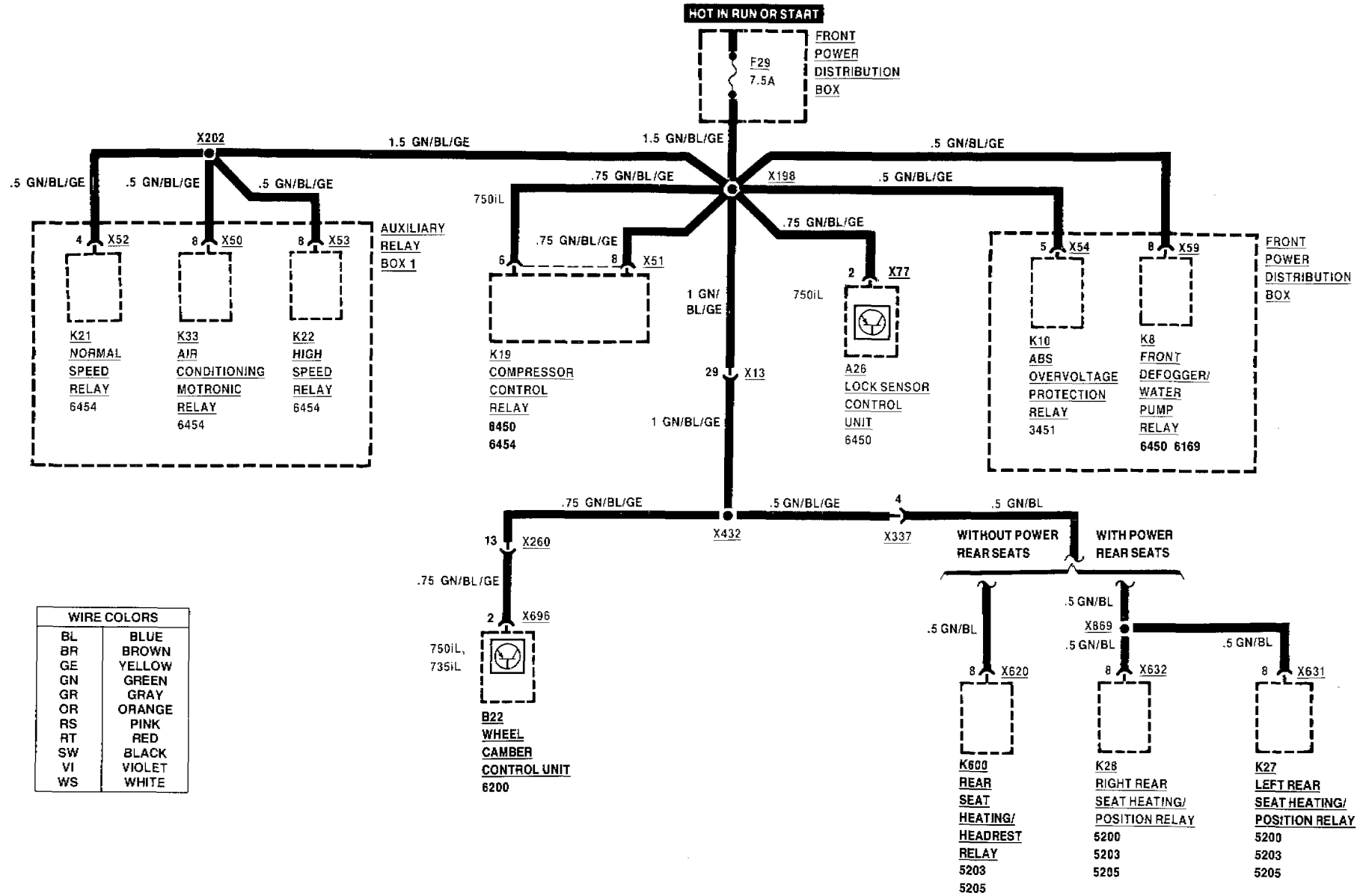
0671-09

1991



FUSE DETAILS

FUSE 29



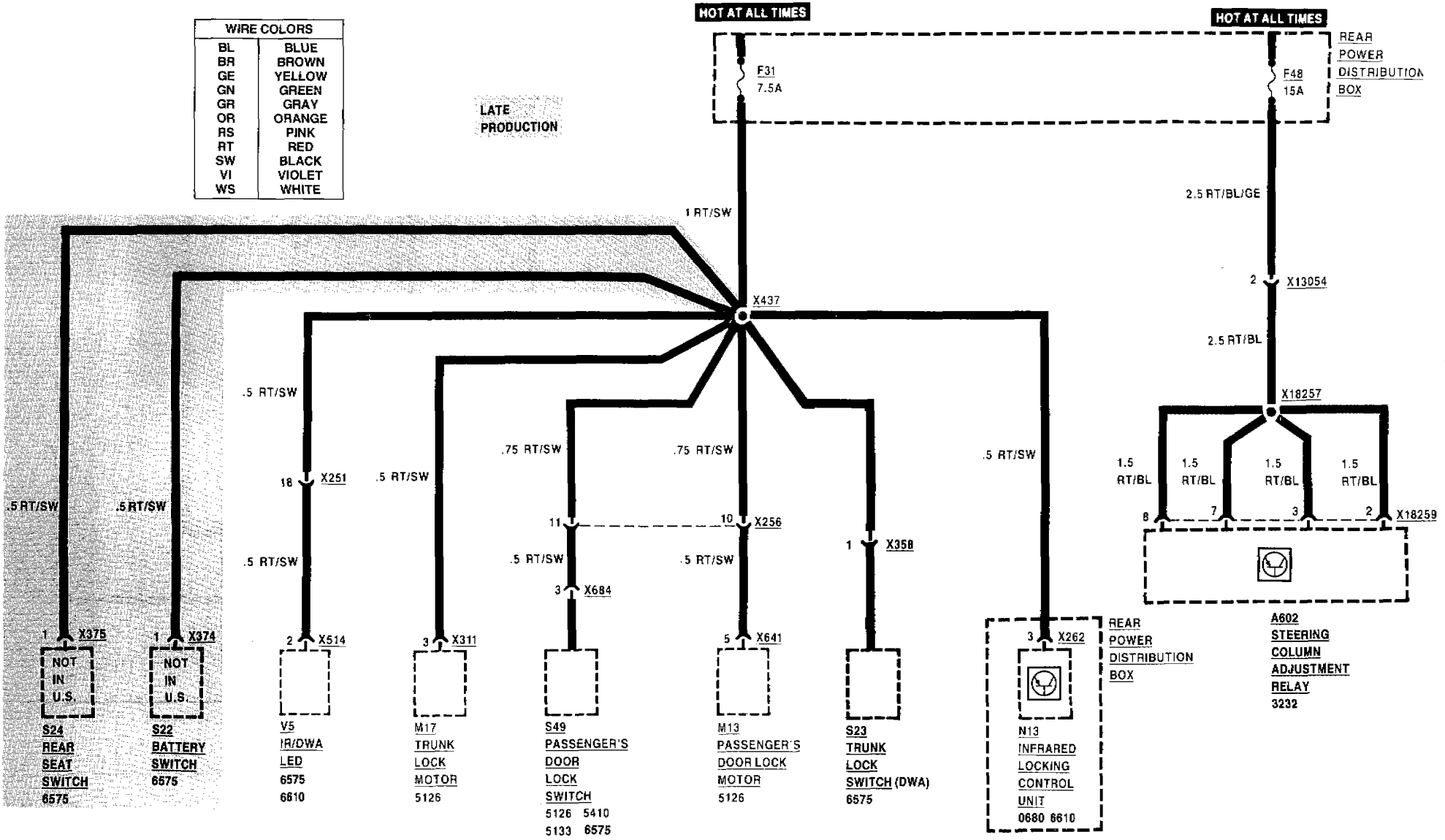


FUSE DETAILS

FUSES 31 AND 48

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

LATE PRODUCTION



03/92

0671-11

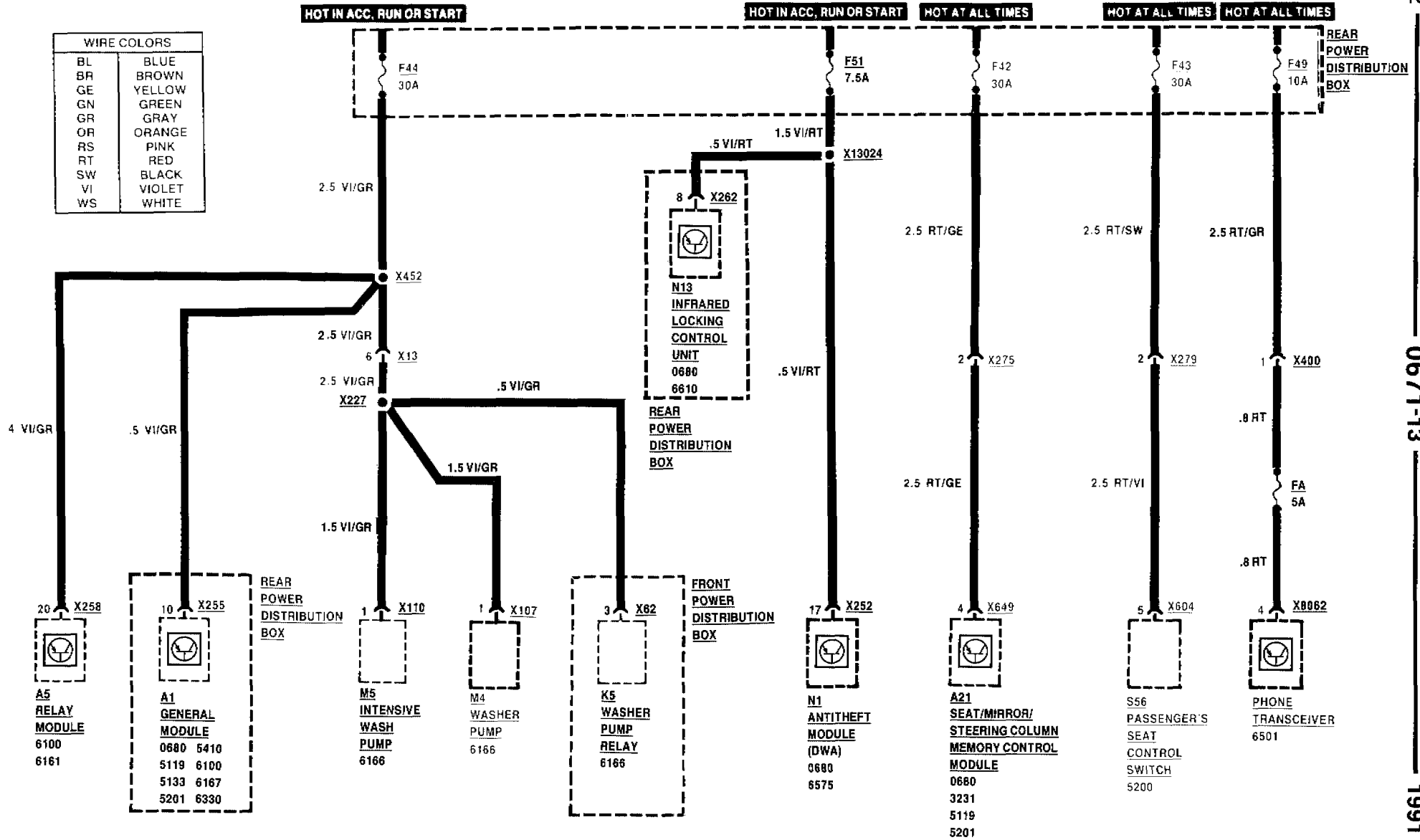
1991



FUSE DETAILS

FUSES 42, 43, 44, 49 AND 51

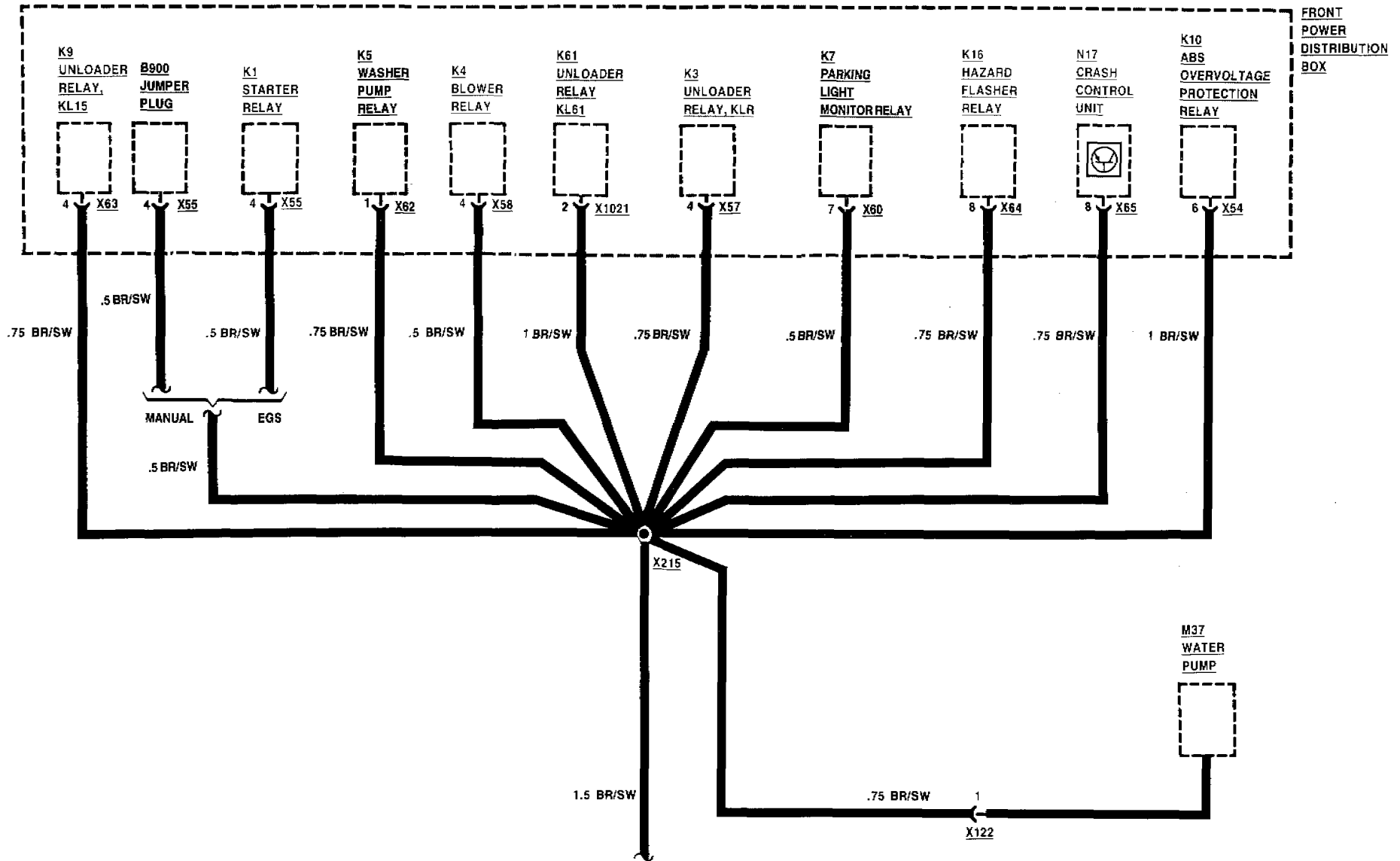
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

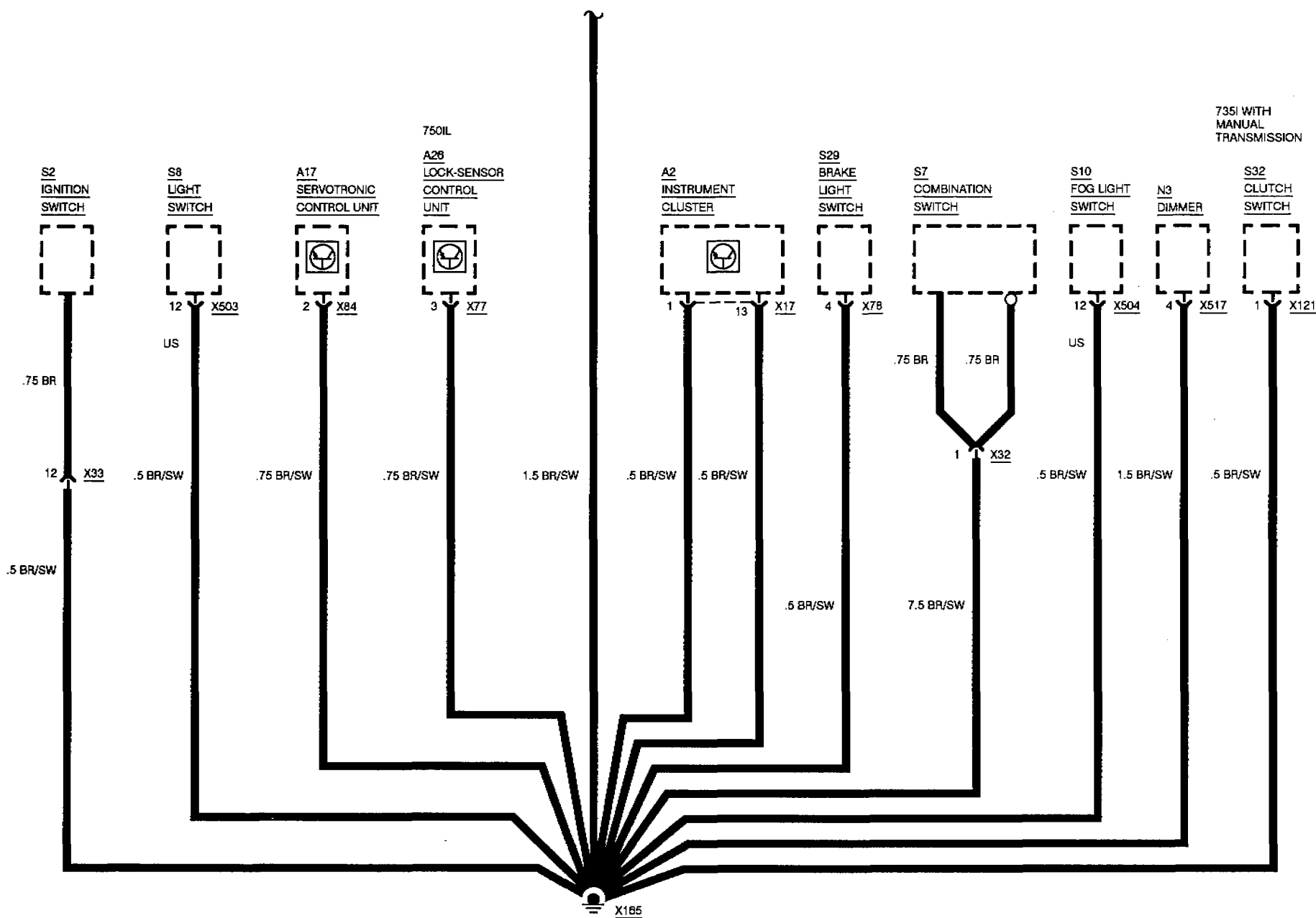




GROUND DISTRIBUTION

GROUND X165

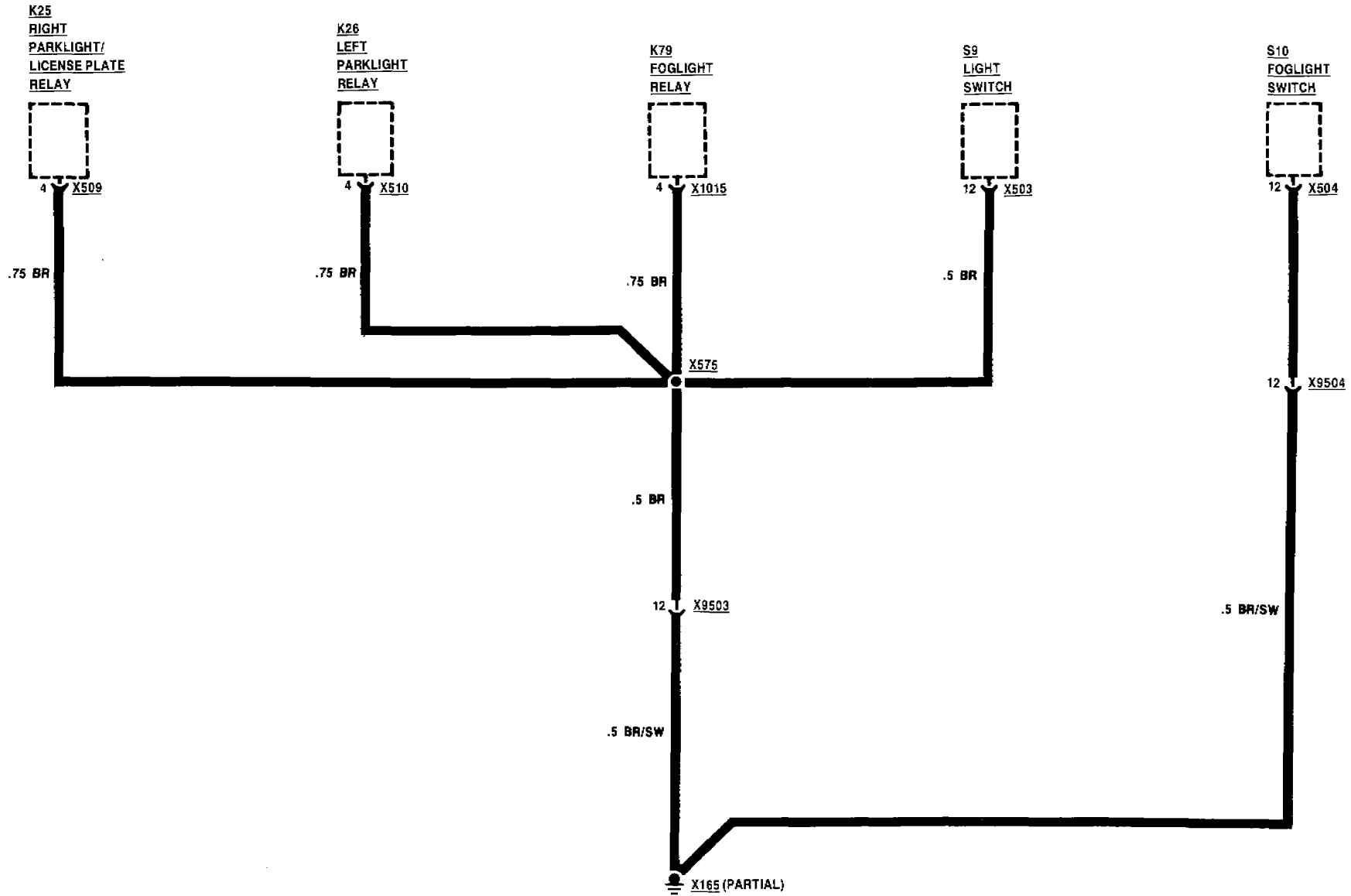






GROUND DISTRIBUTION GROUND X165

CANADA



03/92

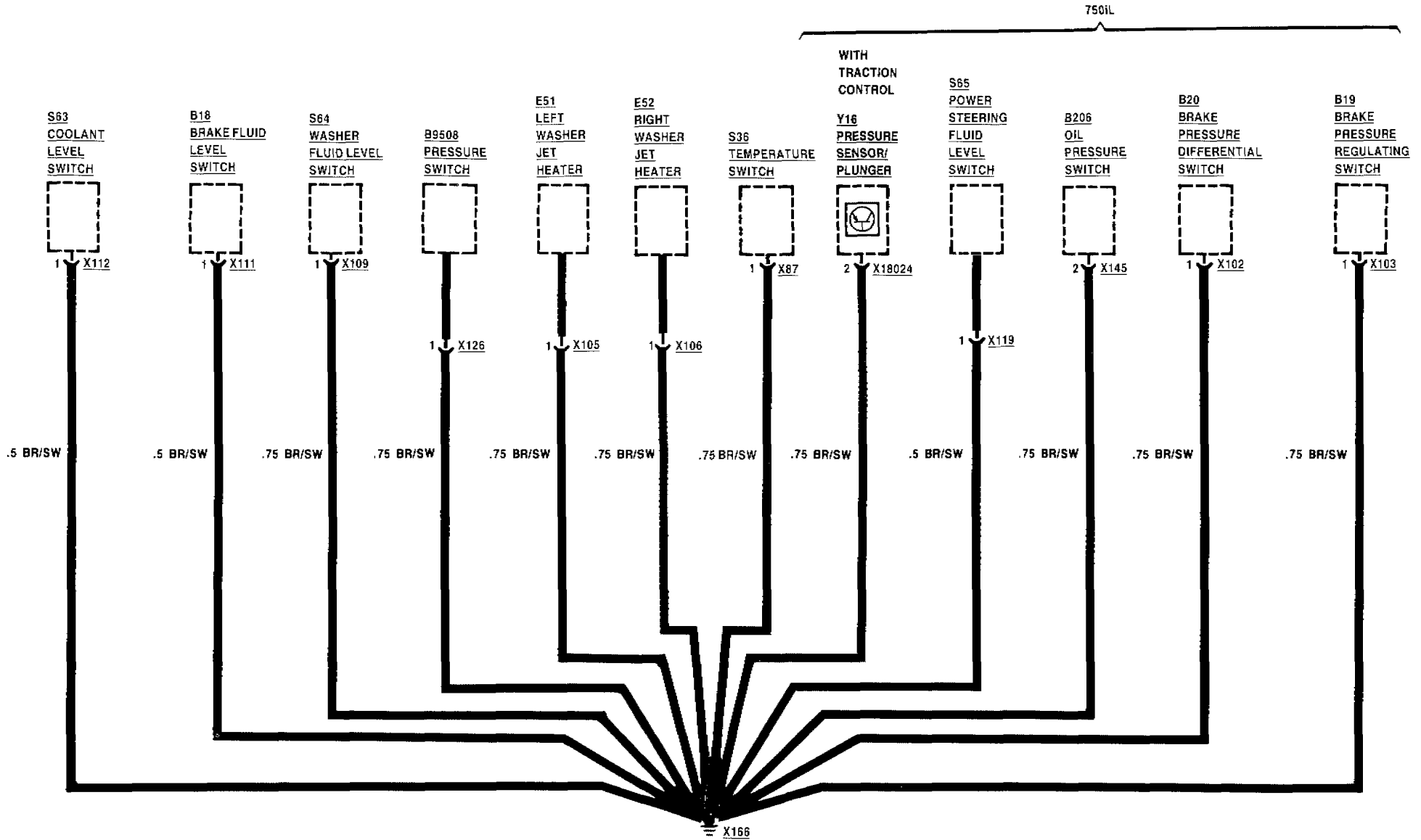
0672-02

1991



GROUND DISTRIBUTION

GROUND X166



03/92

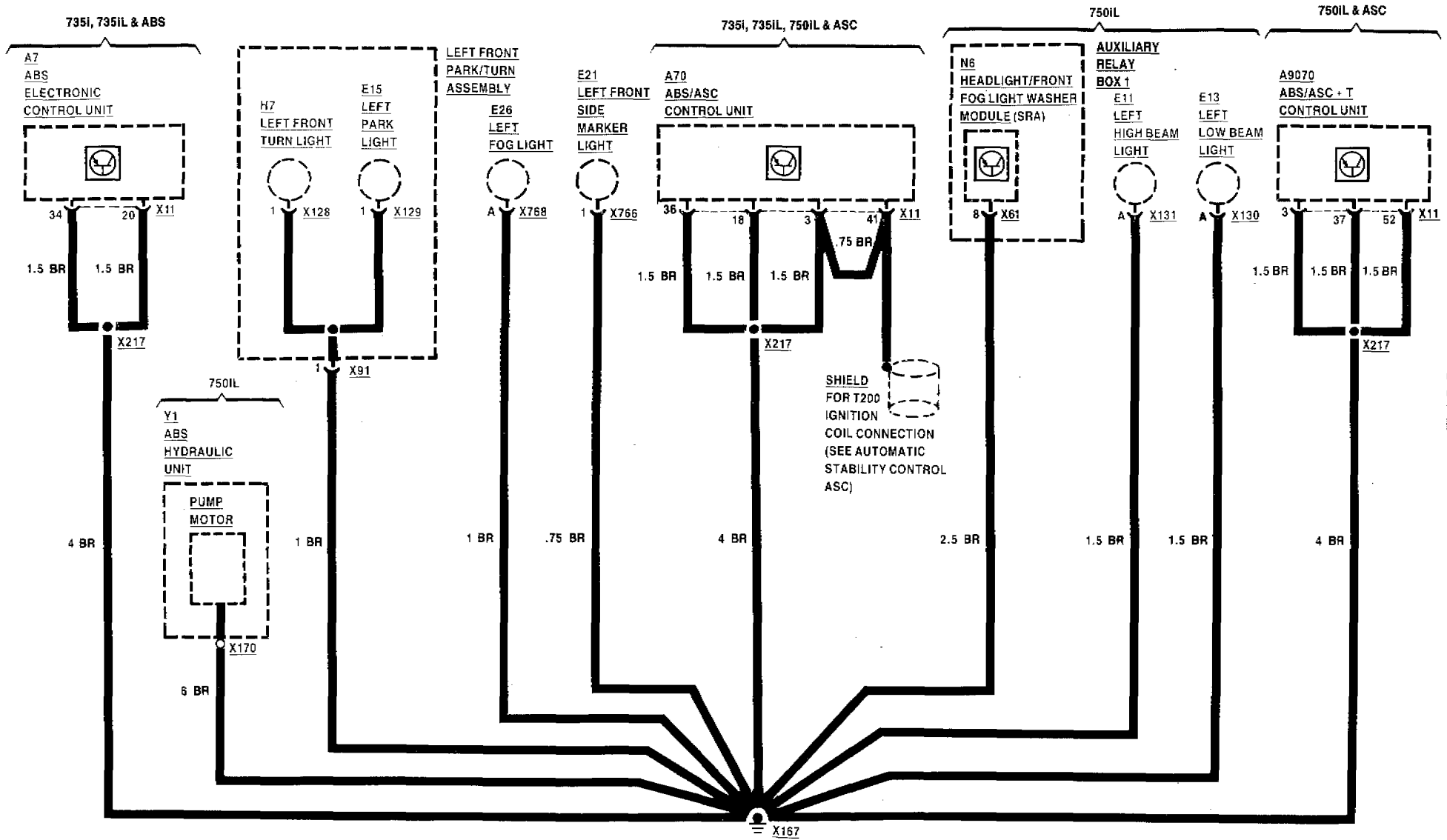
0672-03

1991



GROUND DISTRIBUTION

GROUND X167



03/92

0672-04

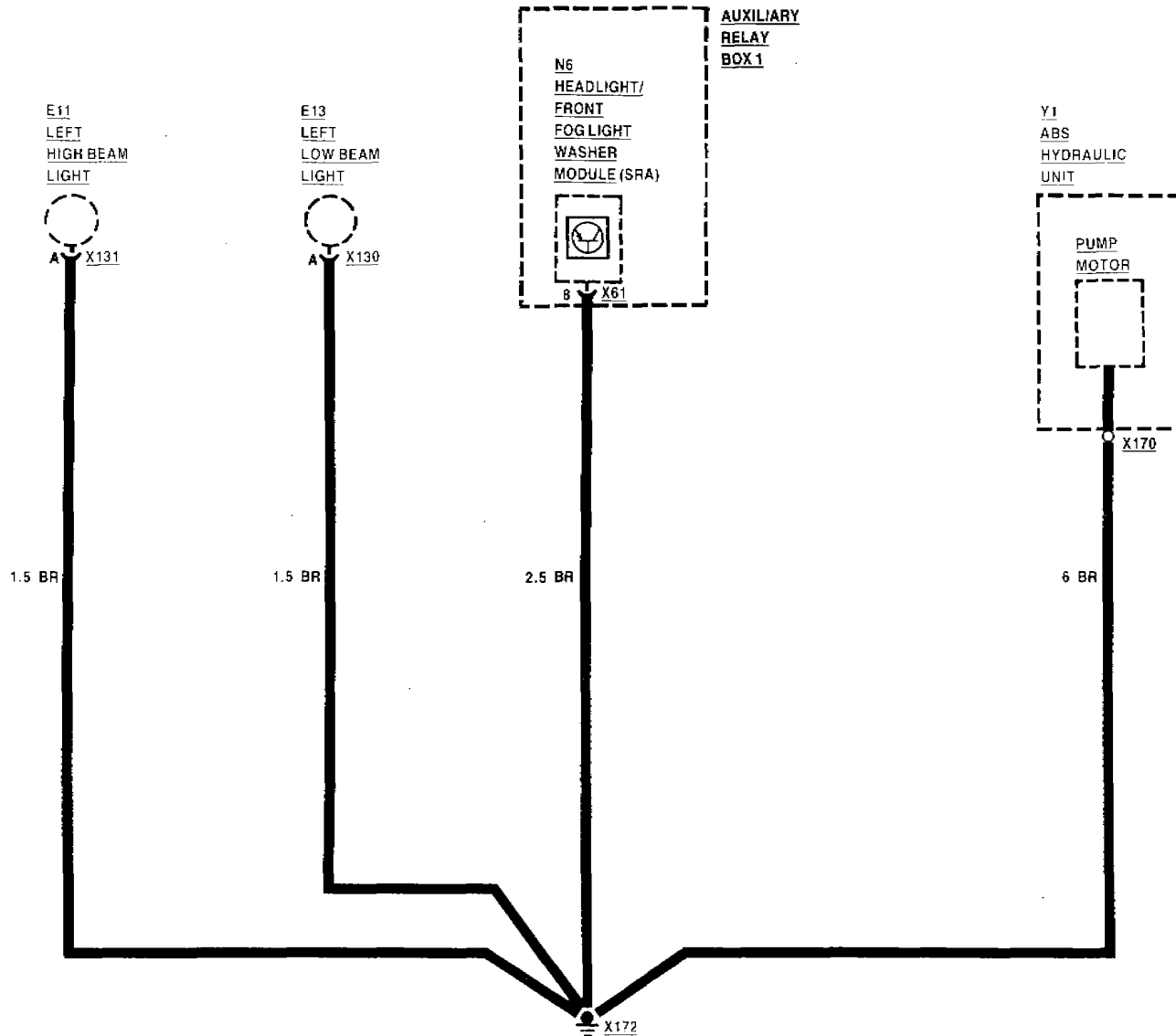
1991



GROUND DISTRIBUTION

GROUND X172

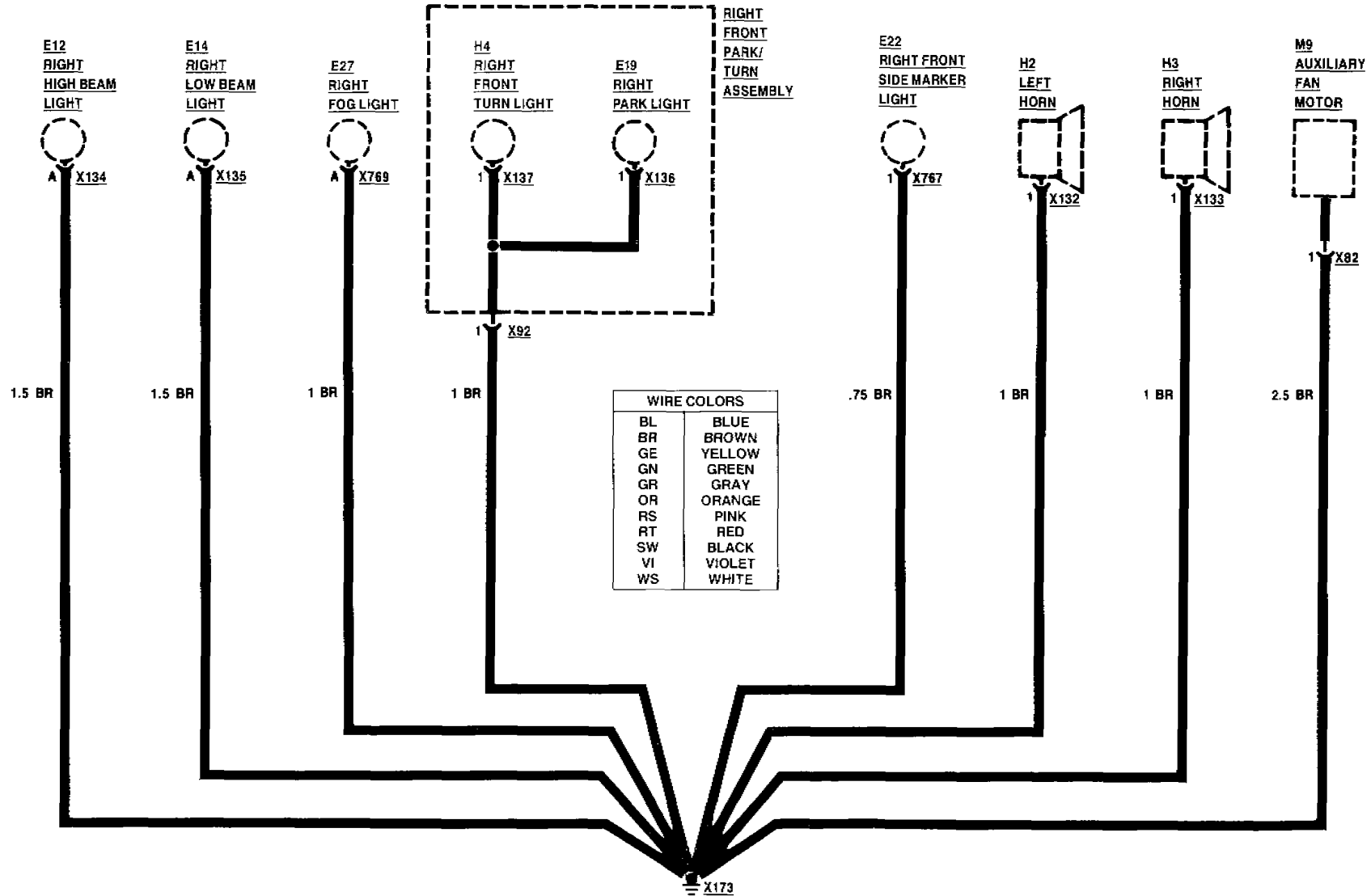
735i, 735iL





GROUND DISTRIBUTION

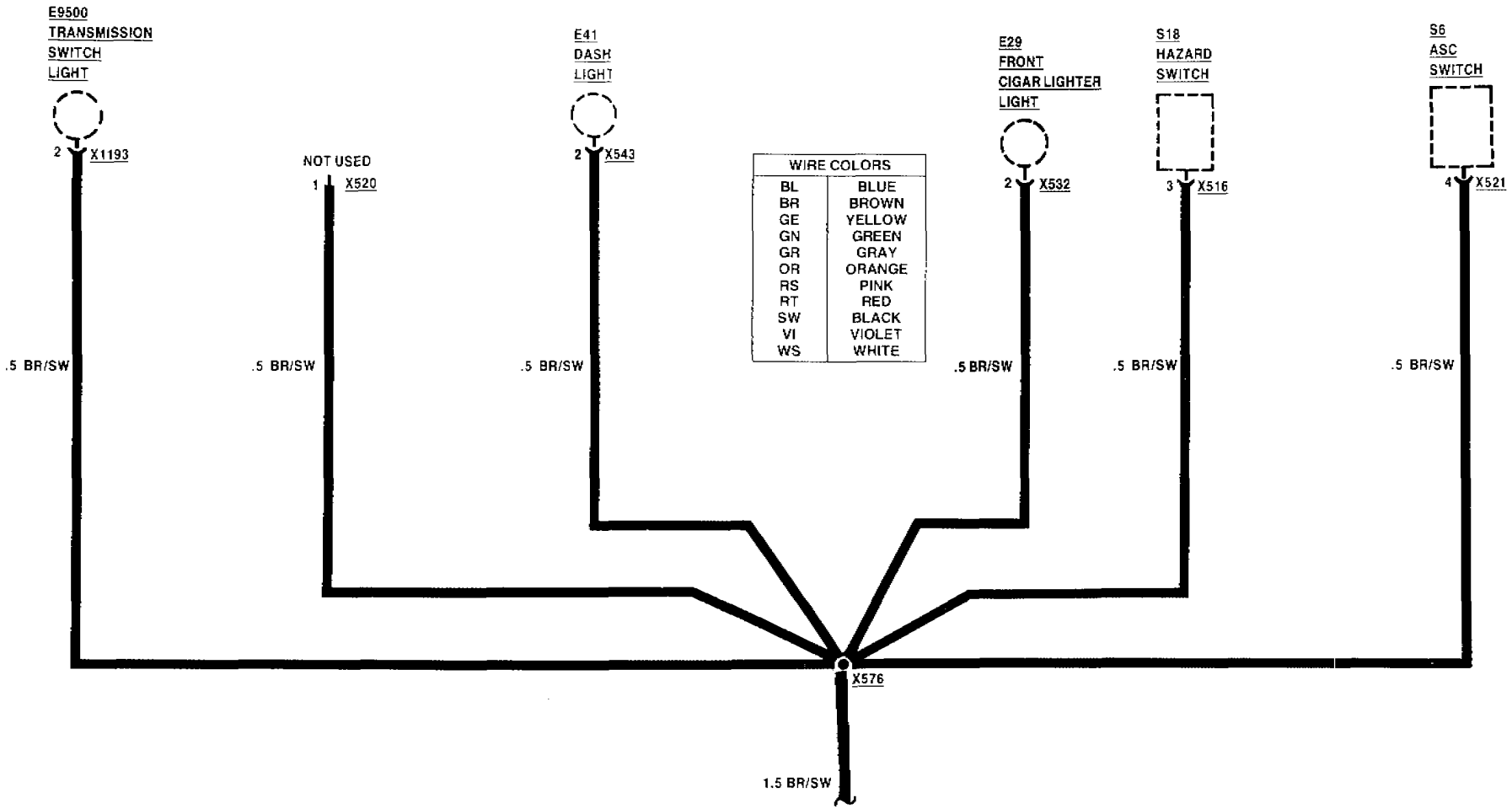
GROUND X173

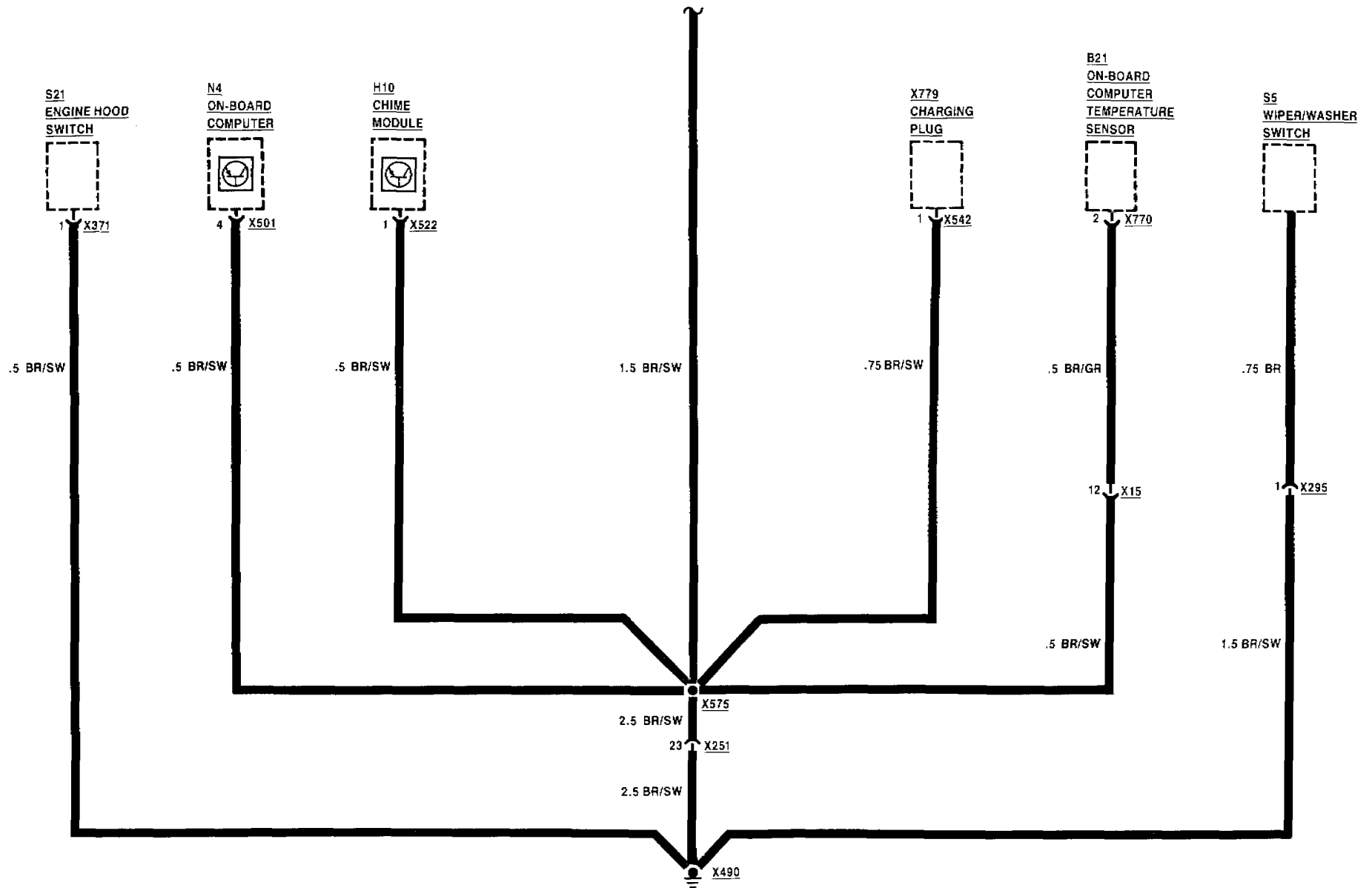




GROUND DISTRIBUTION

GROUND X490

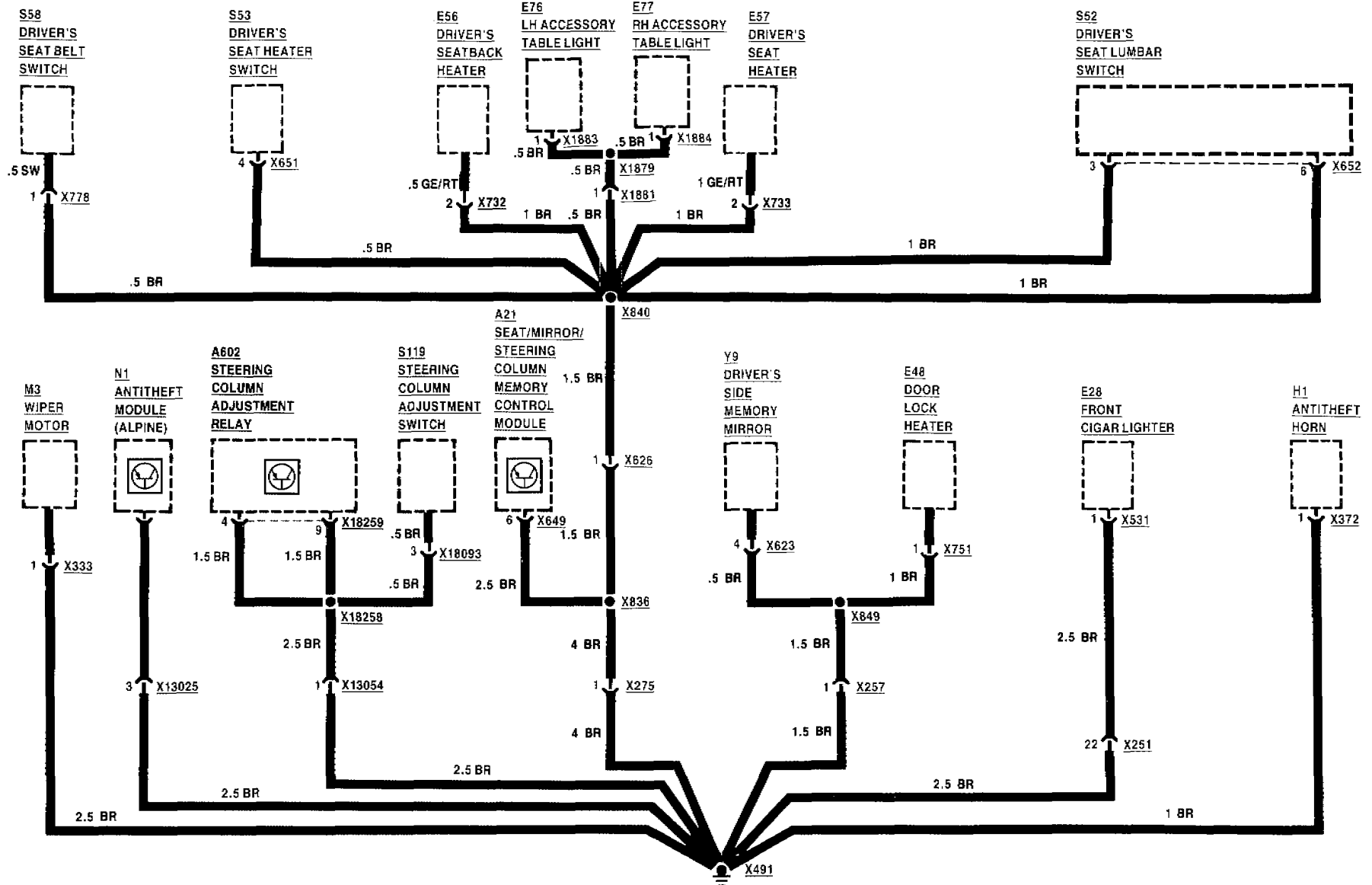






GROUND DISTRIBUTION

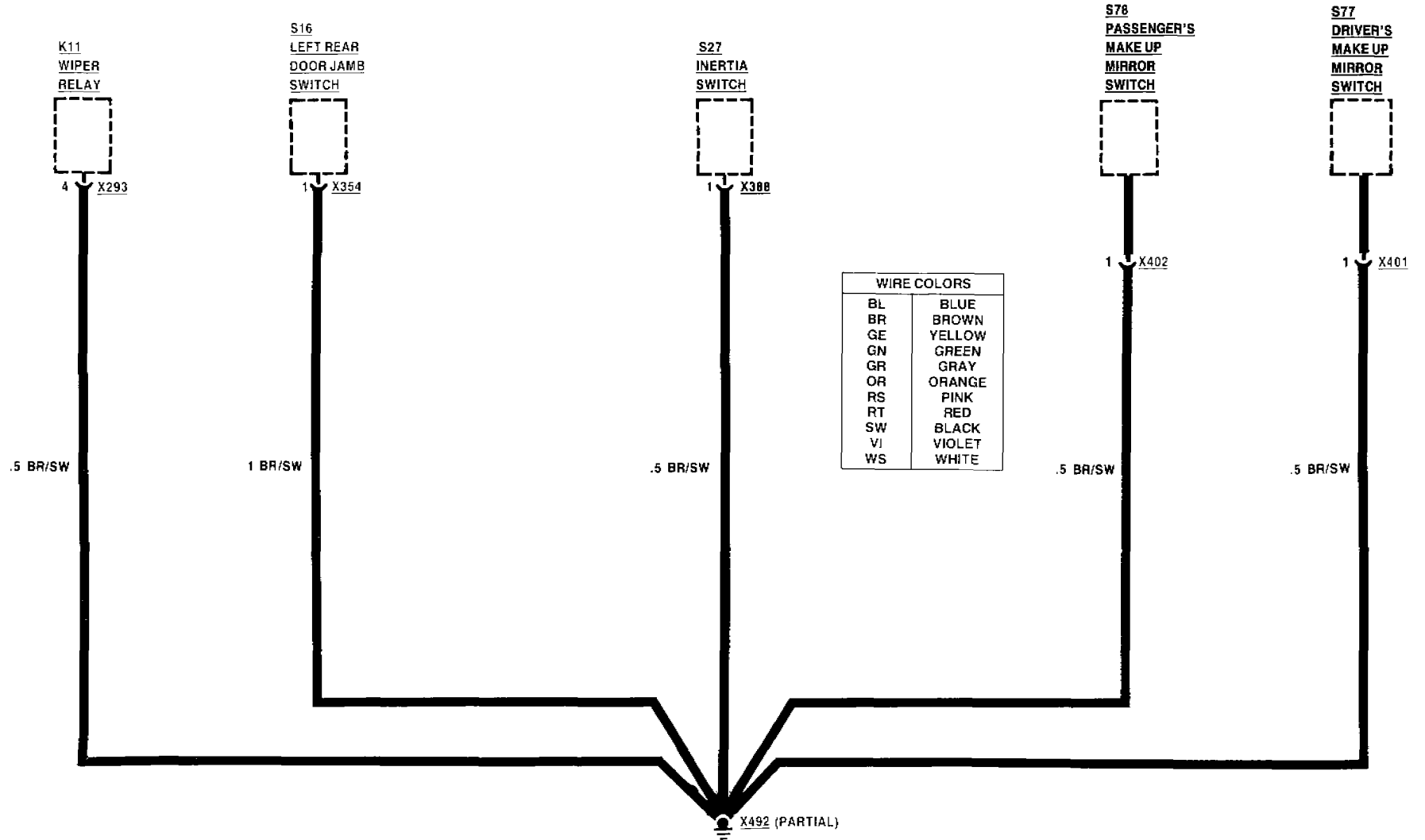
GROUND X491





GROUND DISTRIBUTION

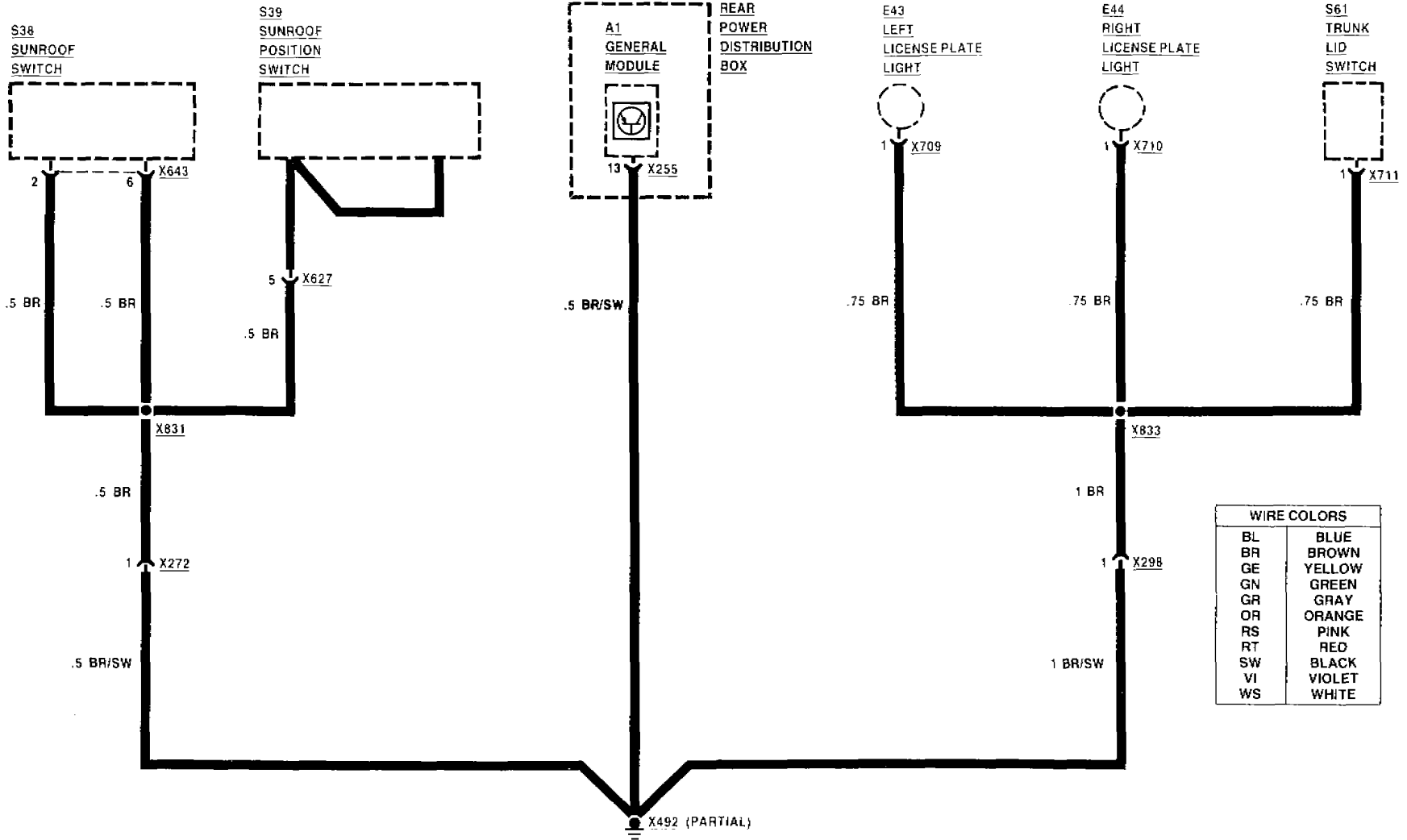
GROUND X492





GROUND DISTRIBUTION

GROUND X492

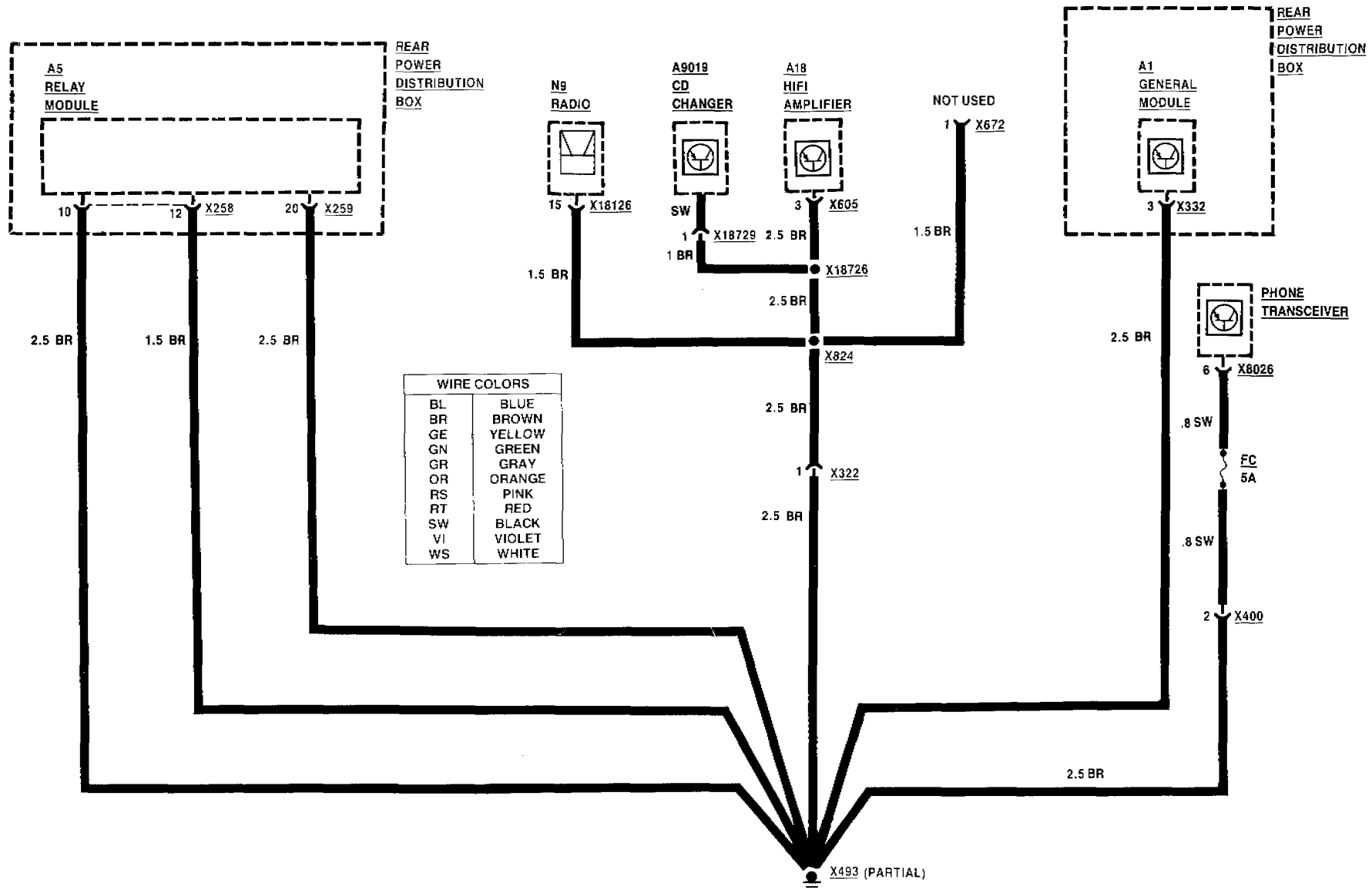


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



GROUND DISTRIBUTION

GROUND X493



03/92

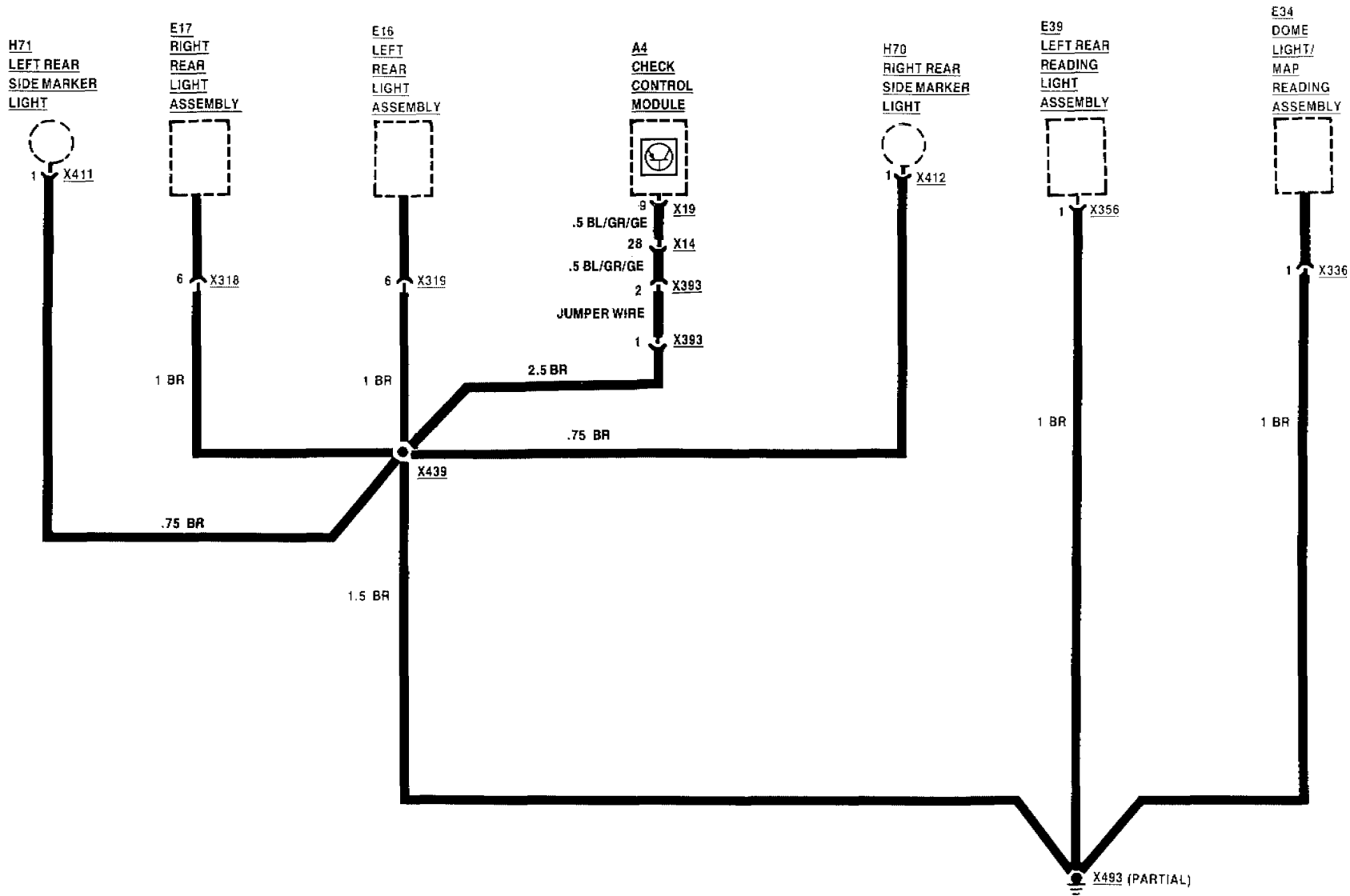
0672-12

1991



GROUND DISTRIBUTION

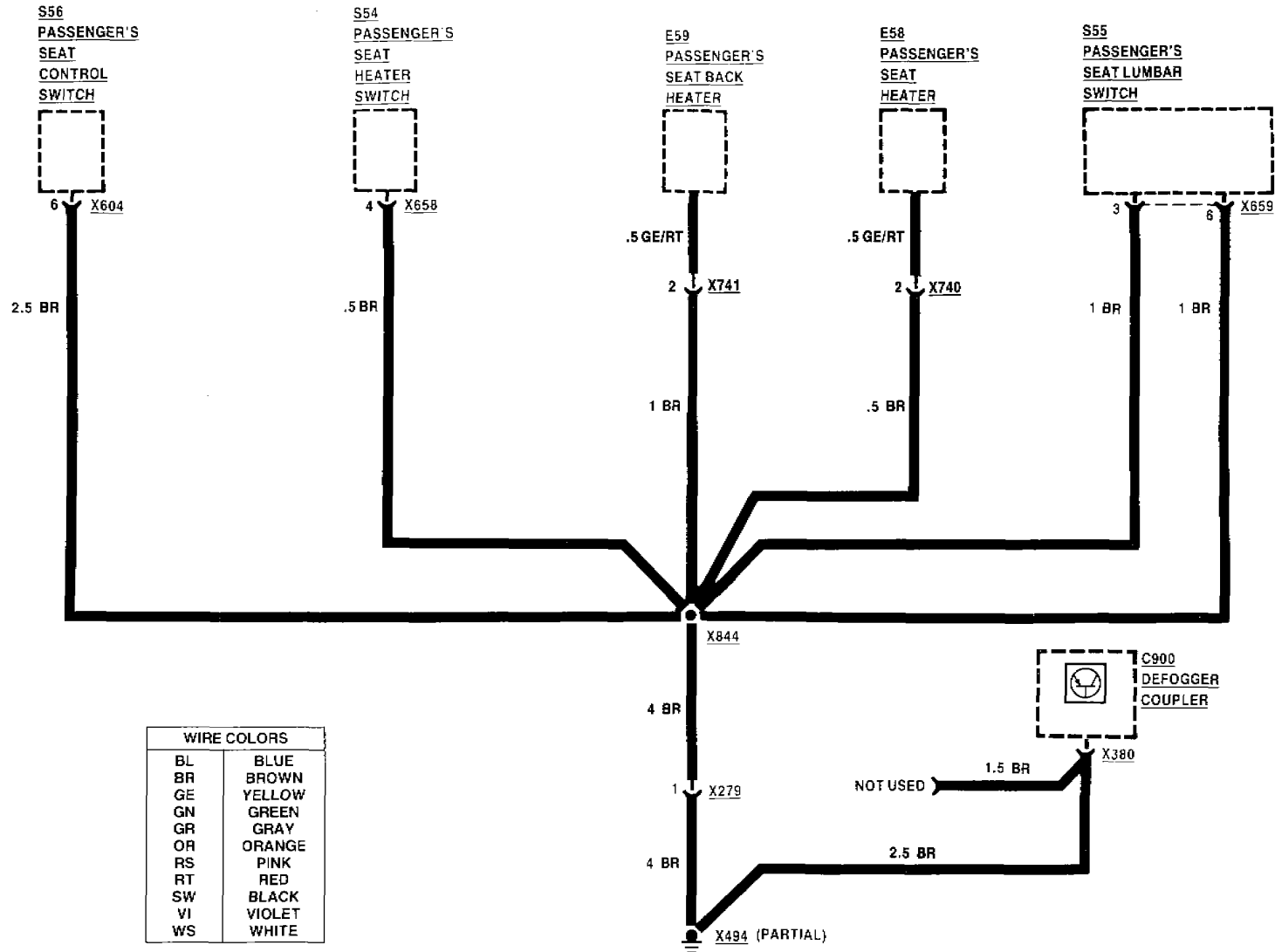
GROUND X493





GROUND DISTRIBUTION

GROUND X494

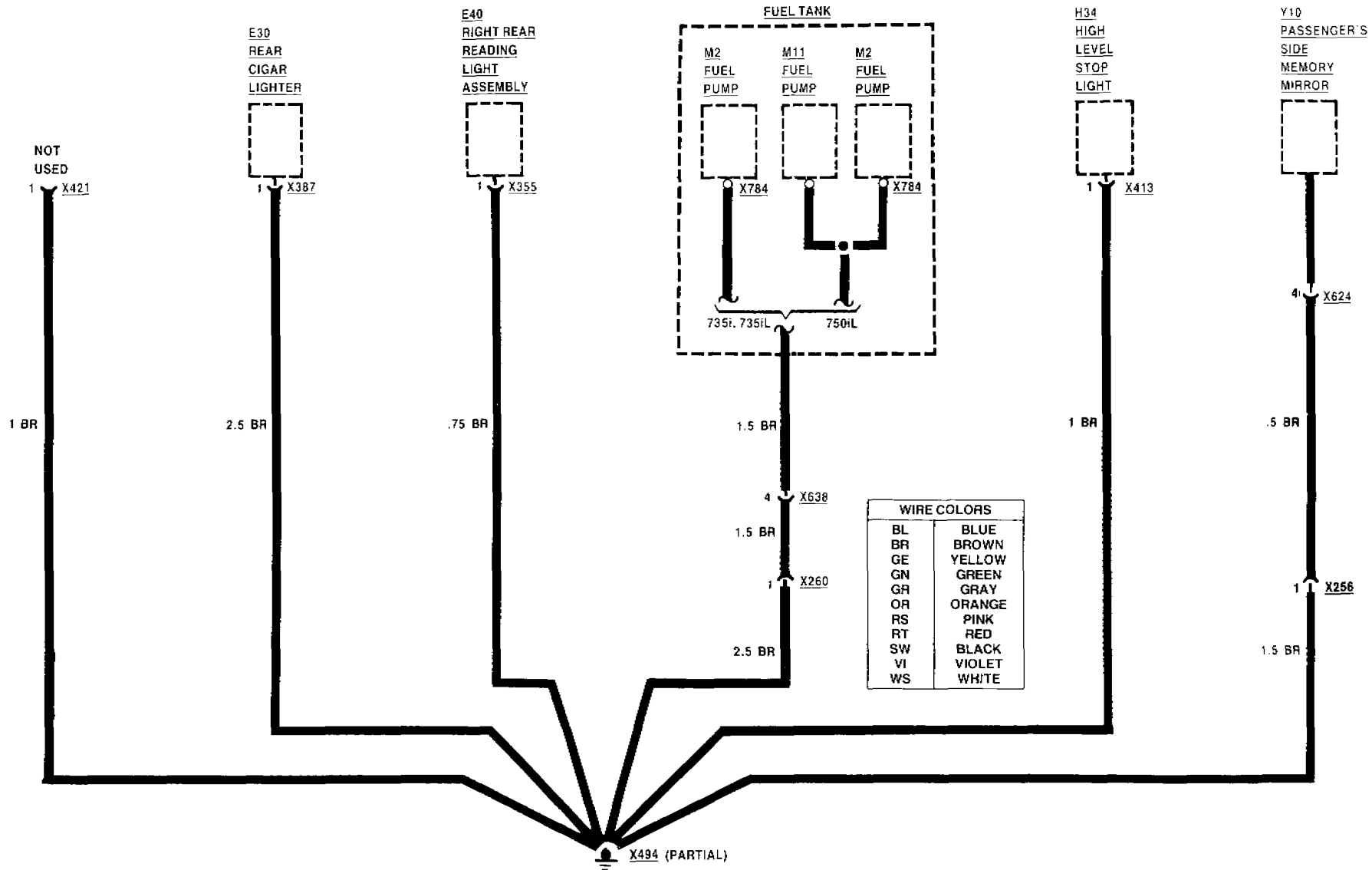


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



GROUND DISTRIBUTION

GROUND X494

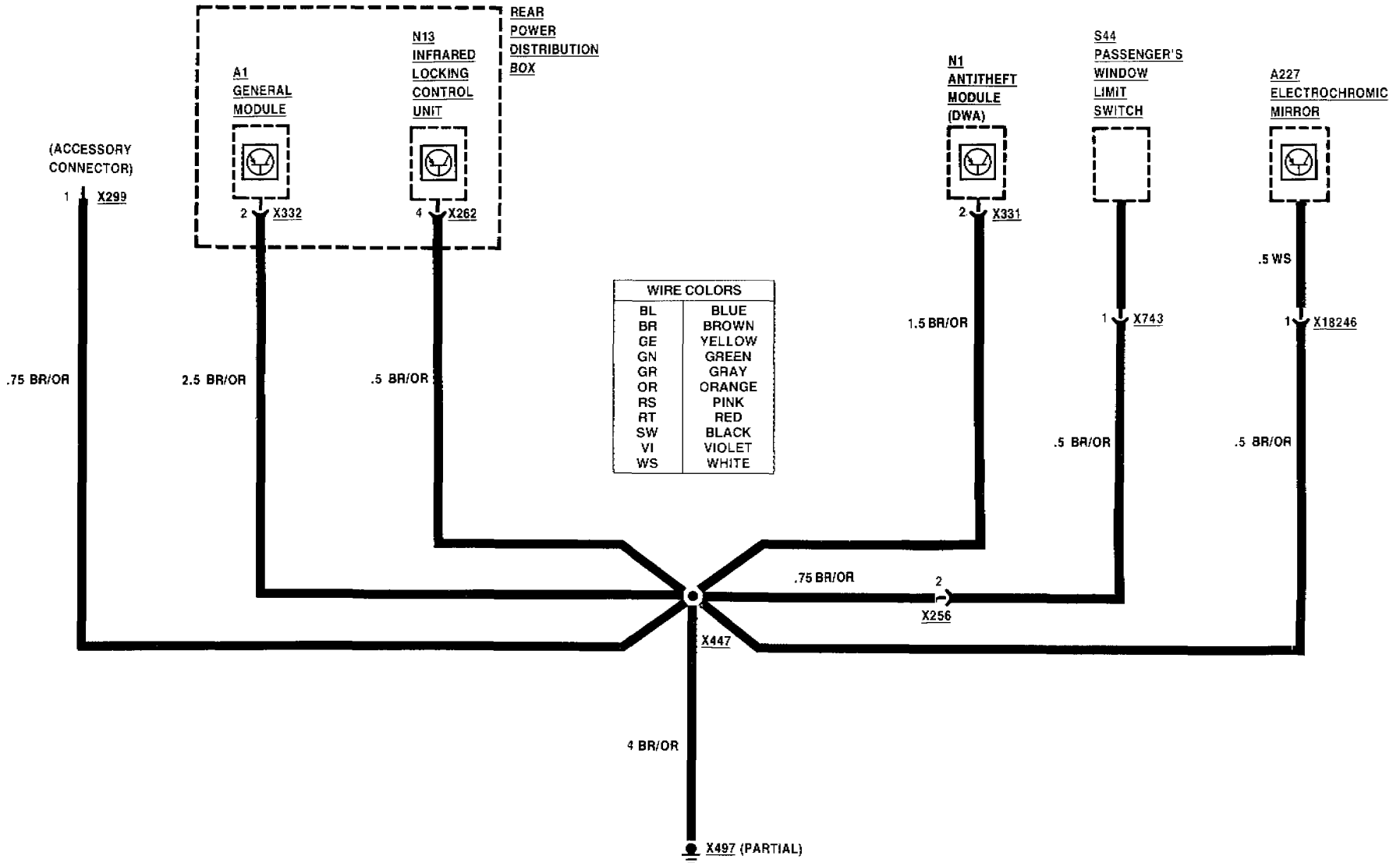


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



GROUND DISTRIBUTION

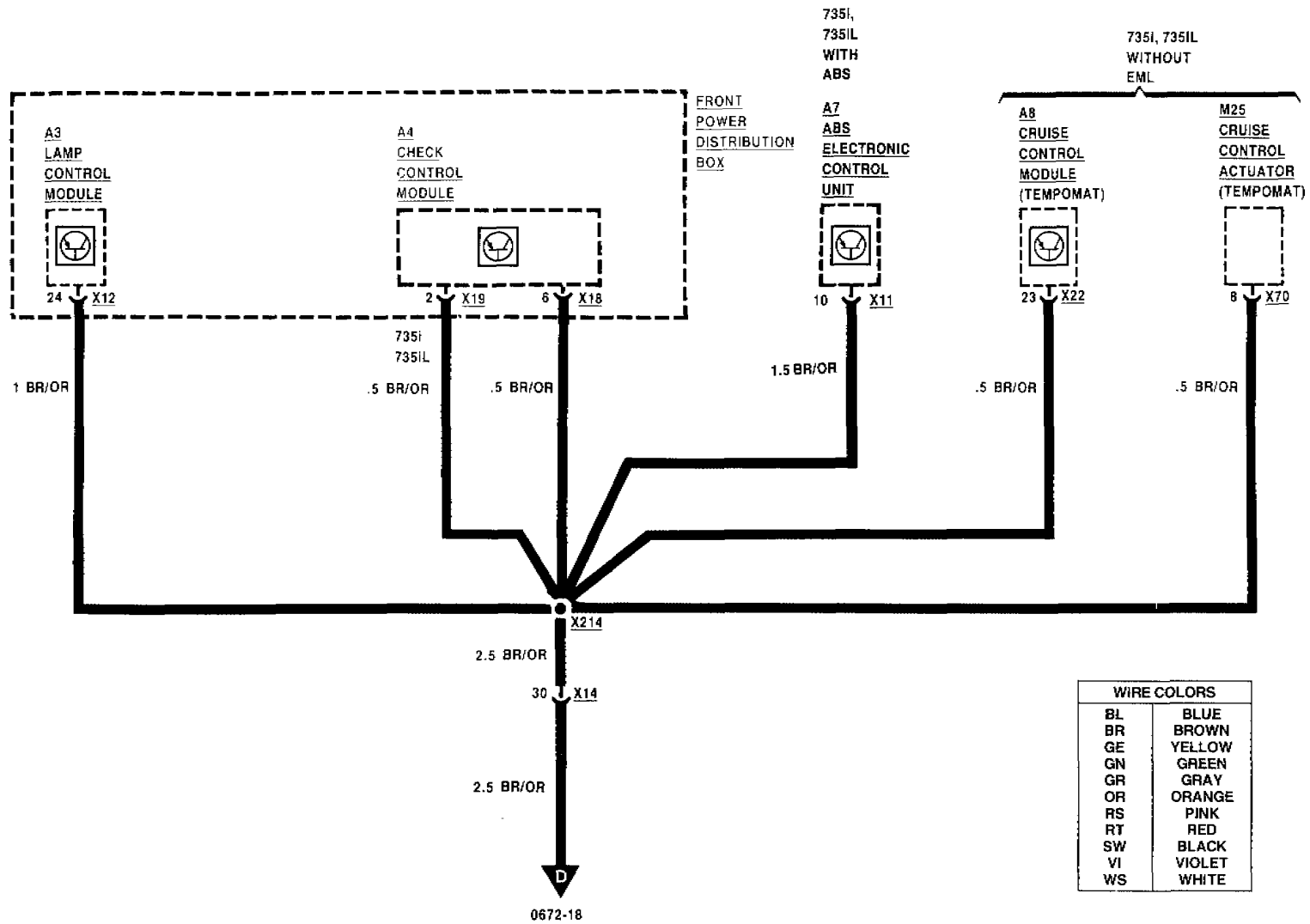
GROUND X497





GROUND DISTRIBUTION

GROUND X497

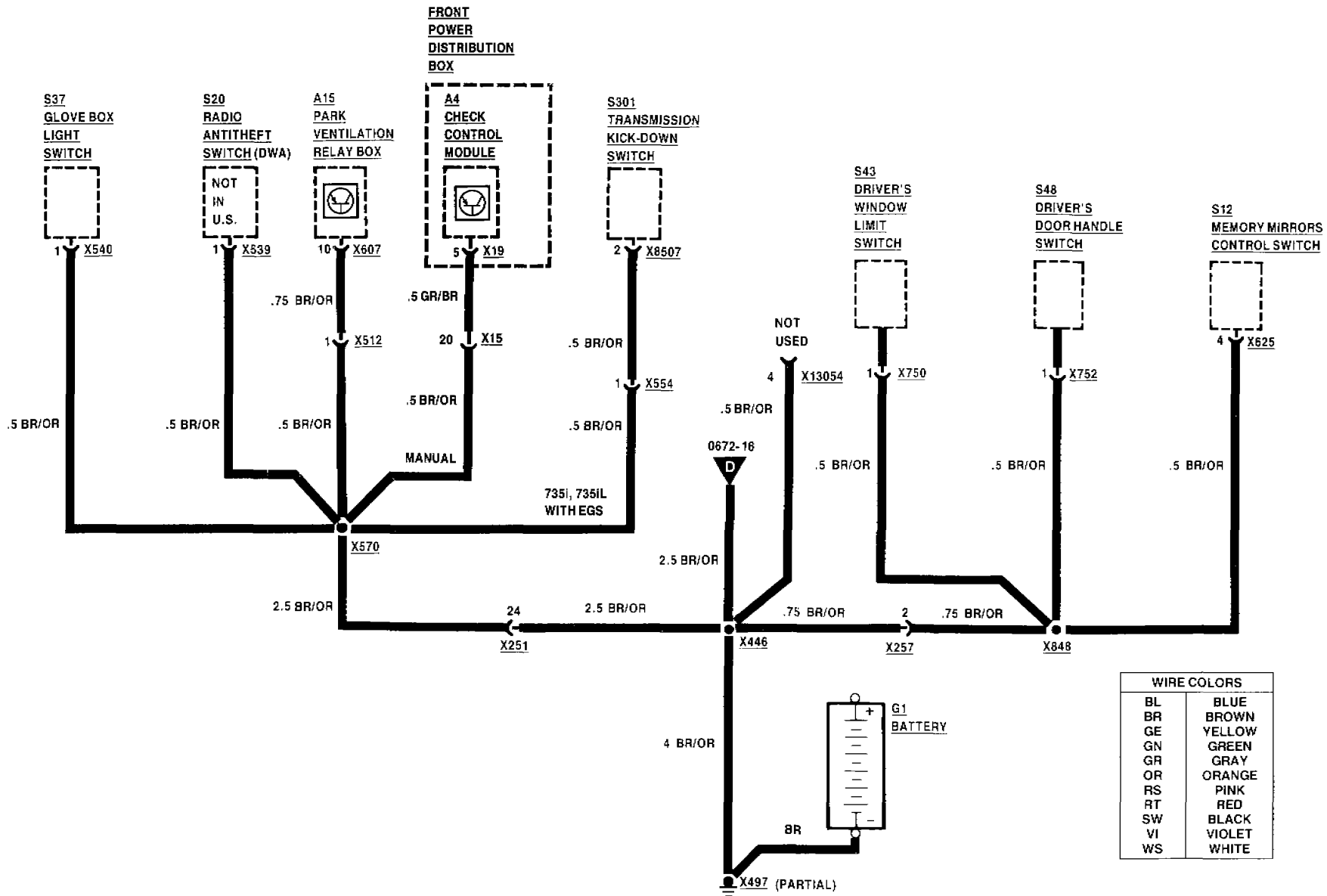


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



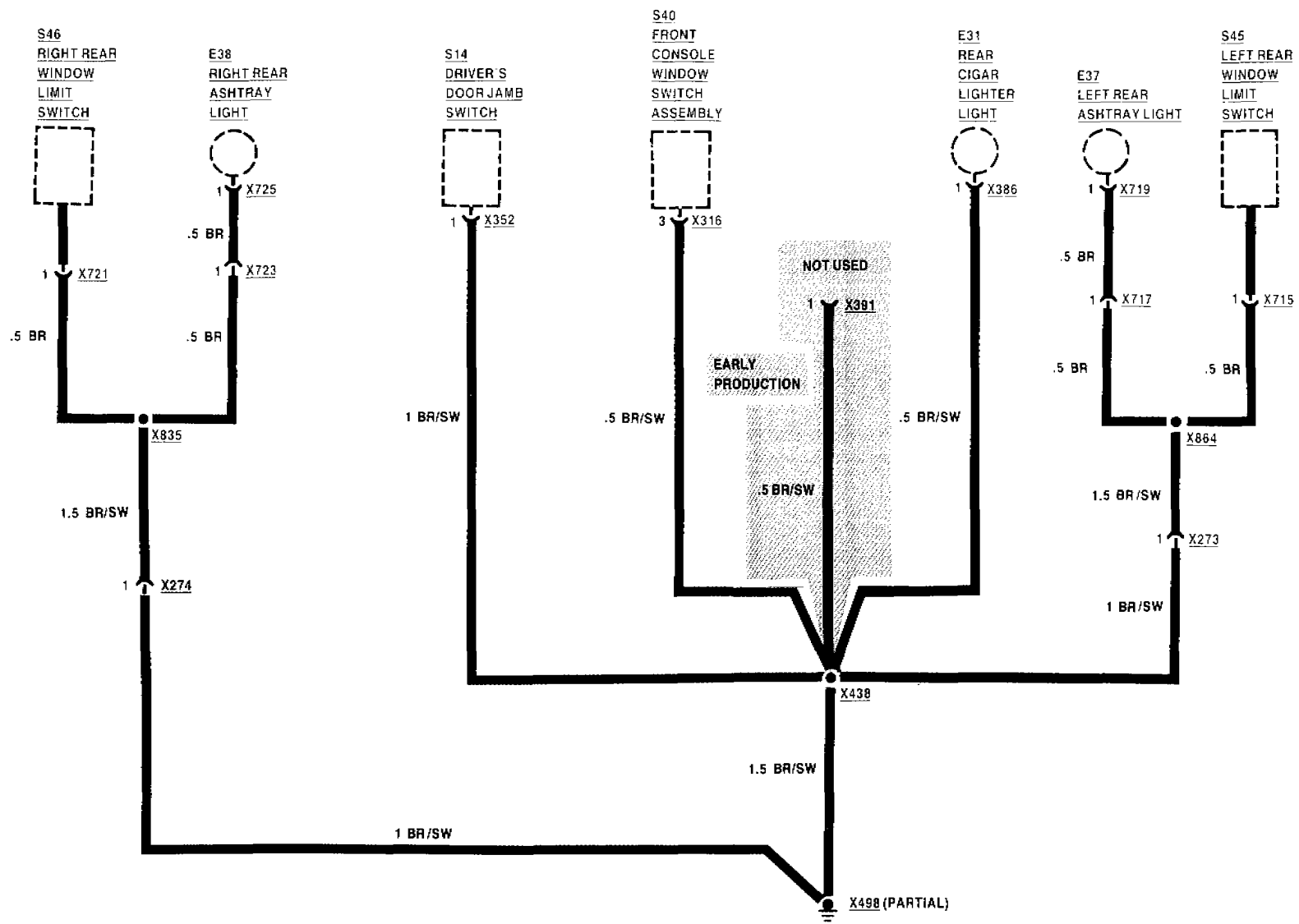
GROUND DISTRIBUTION

GROUND X497





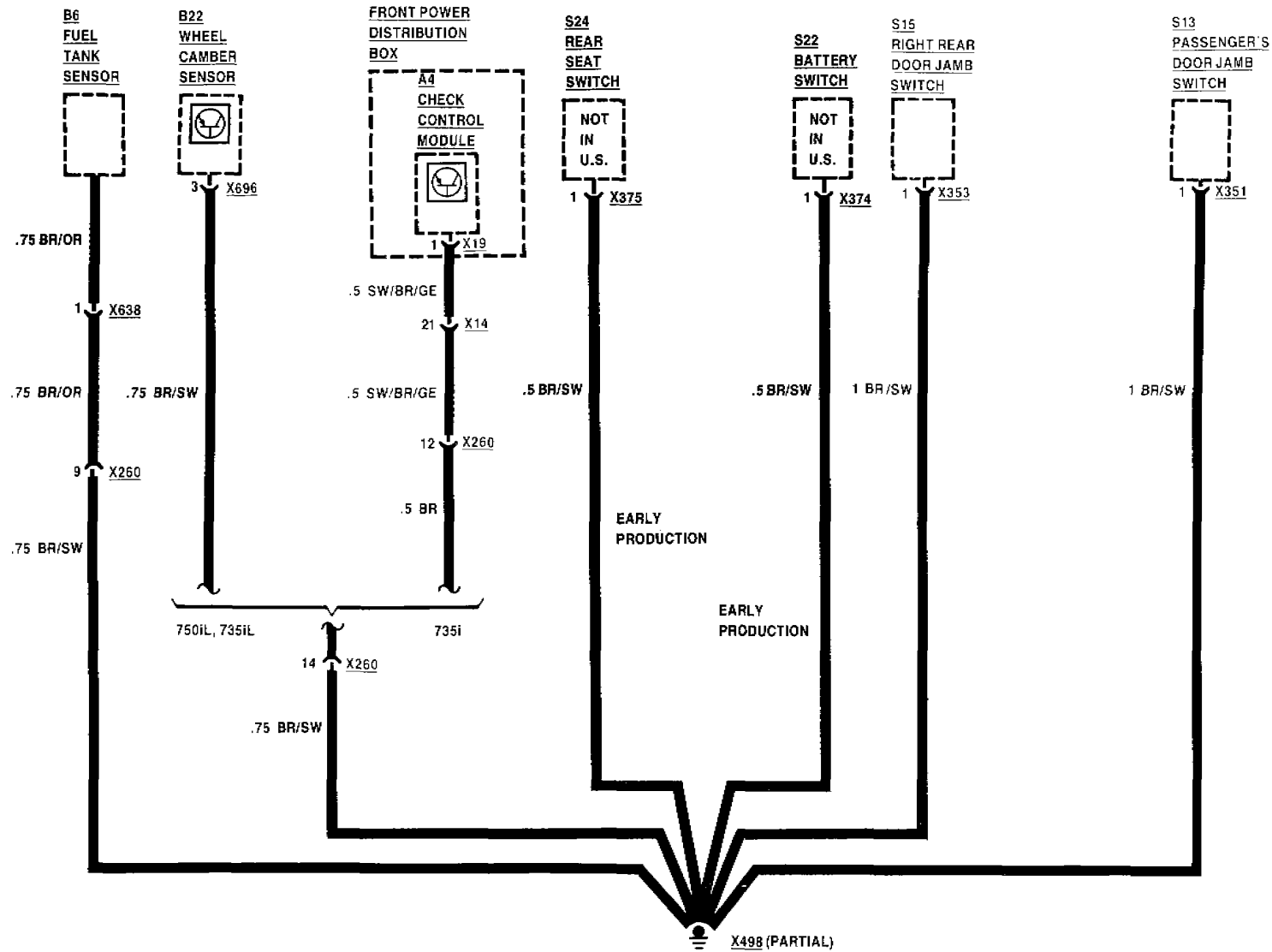
GROUND DISTRIBUTION GROUND X498



03/92
0672-19
1991



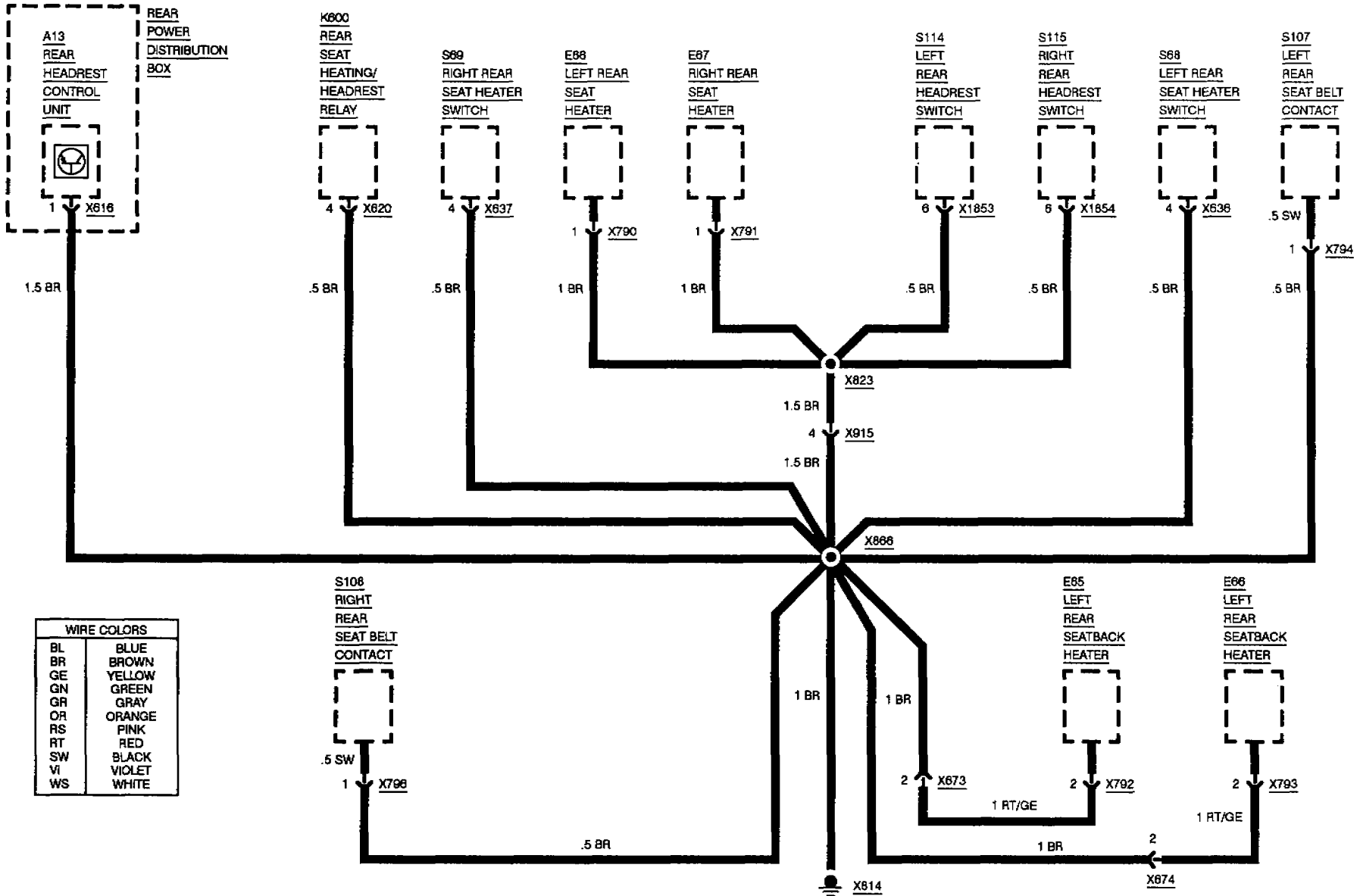
GROUND DISTRIBUTION GROUND X498





GROUND DISTRIBUTION

GROUND X814, WITHOUT POWER REAR SEAT, WITH POWER REAR HEADREST

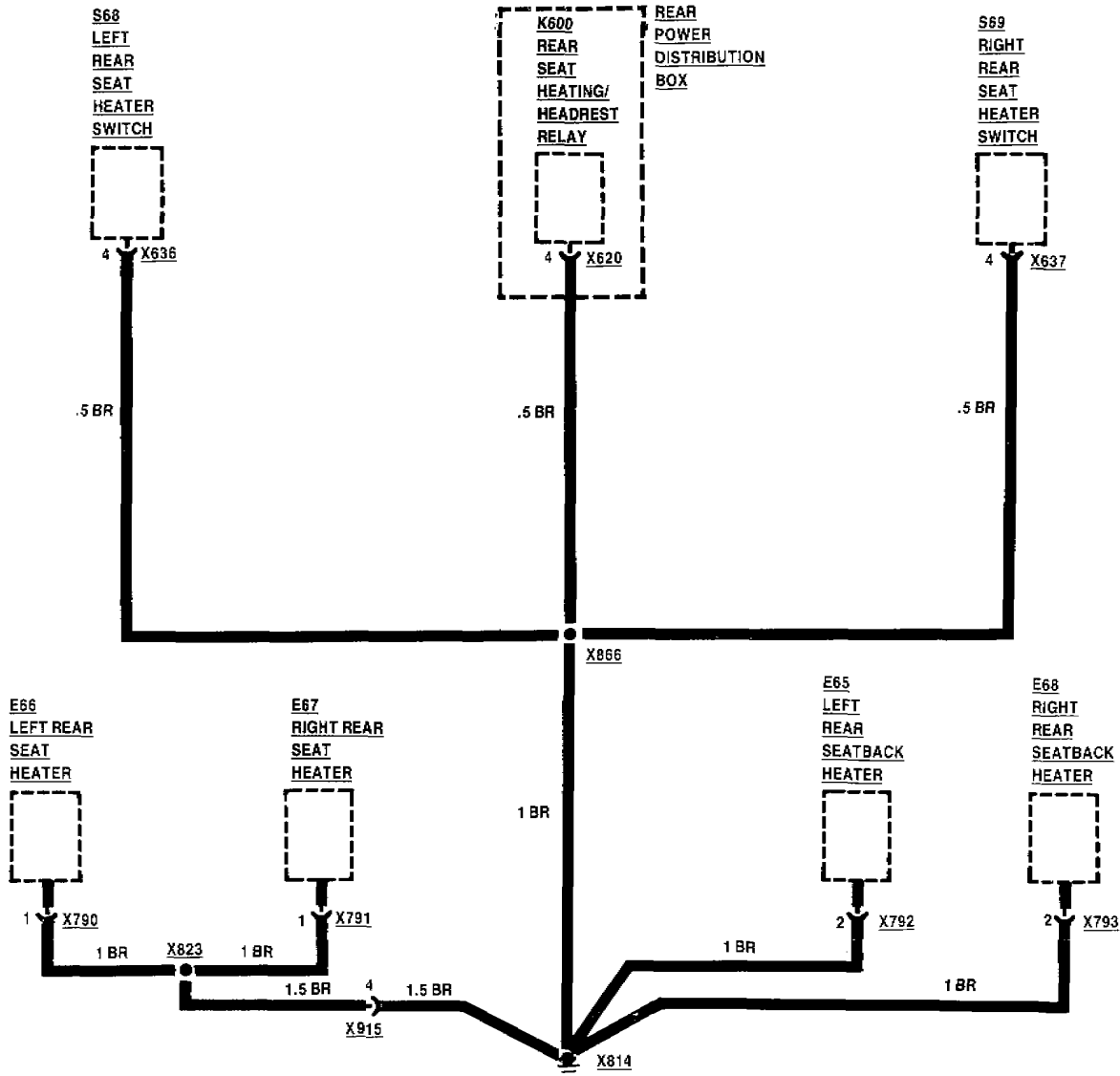


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



GROUND DISTRIBUTION

GROUND X814 WITHOUT POWER REAR SEAT WITH POWER REAR HEADREST

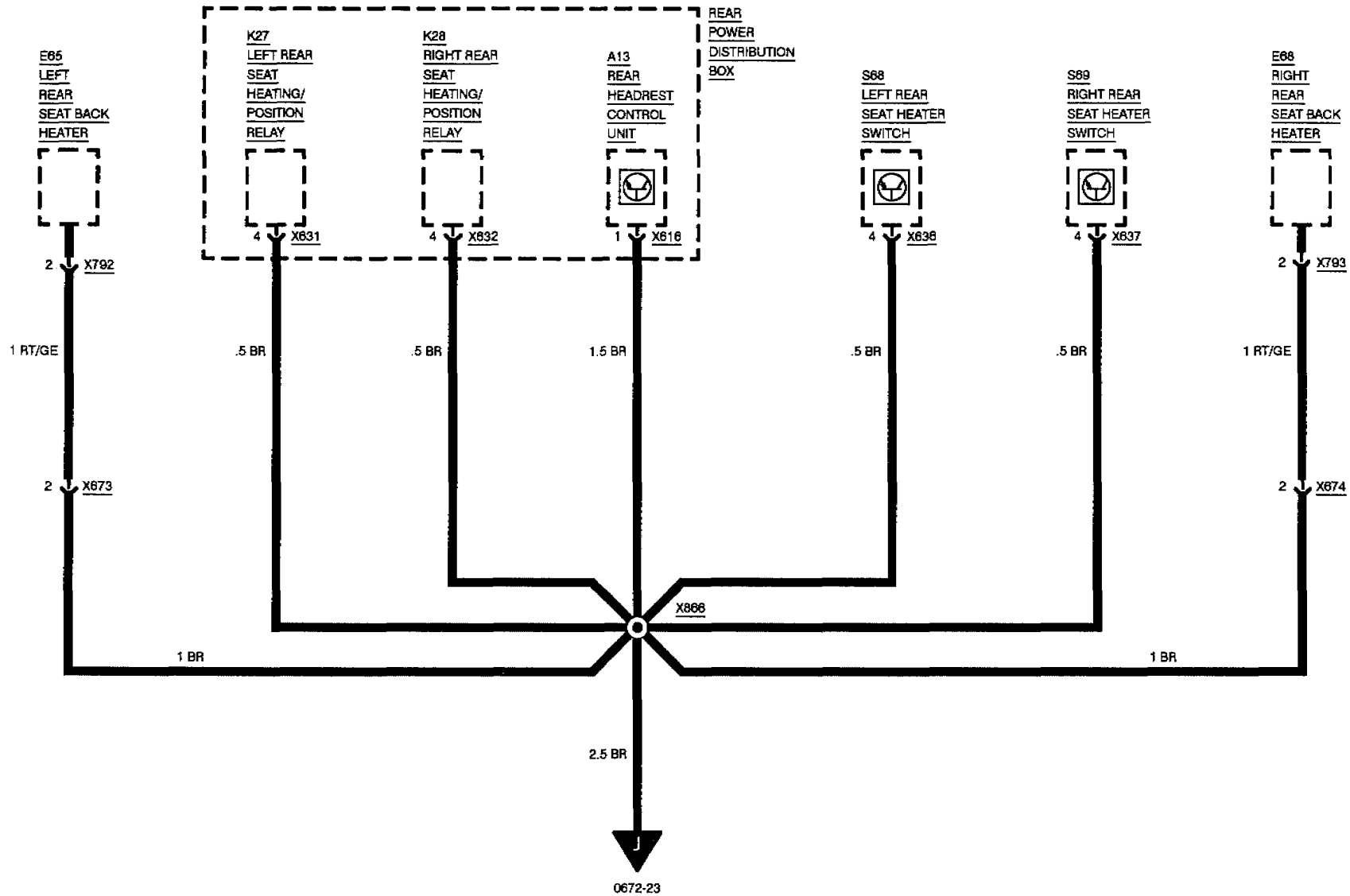


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



GROUND DISTRIBUTION

GROUND X814 - WITH POWER REAR SEAT

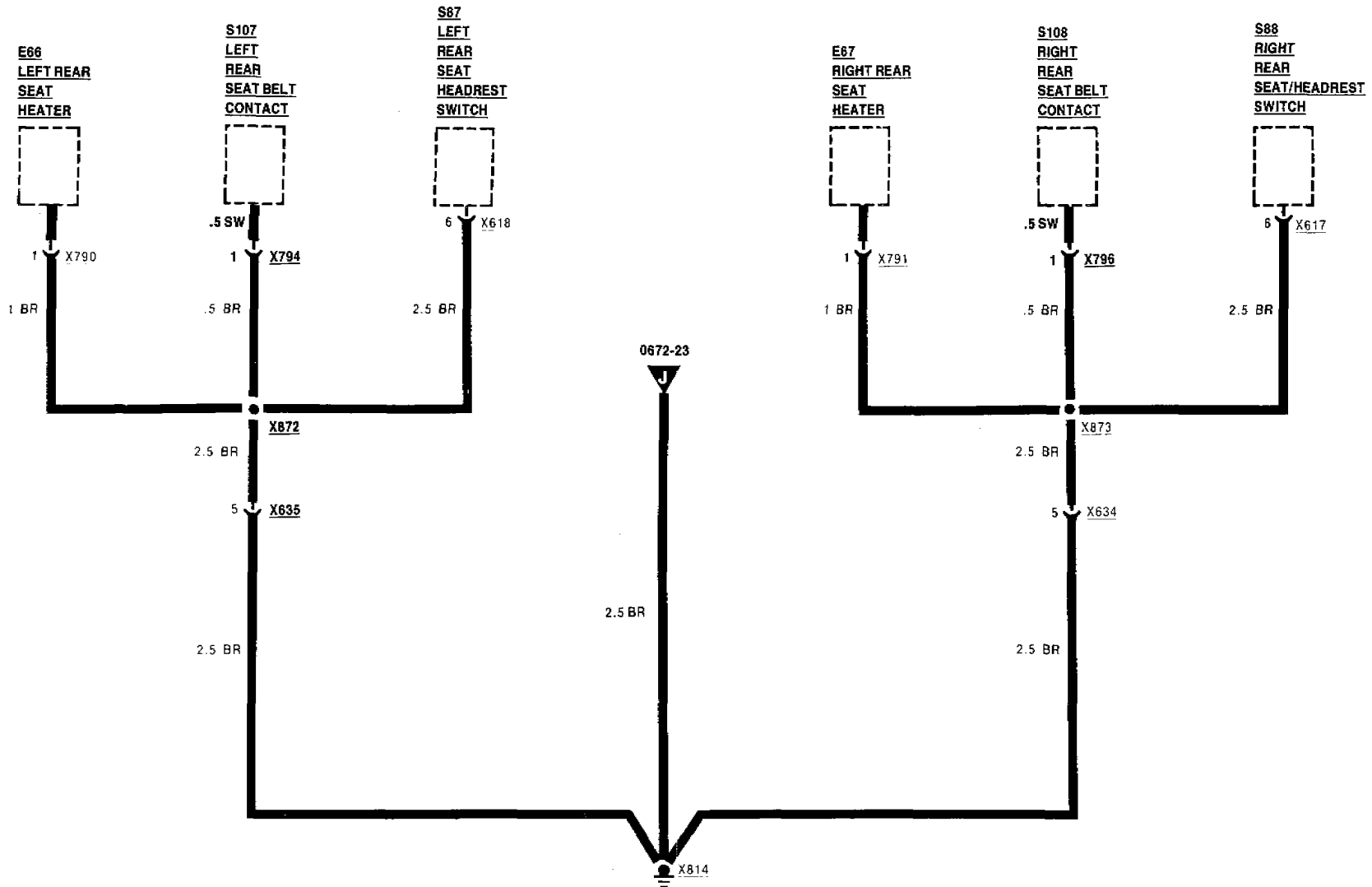




GROUND DISTRIBUTION

GROUND X814—WITH POWER REAR SEAT

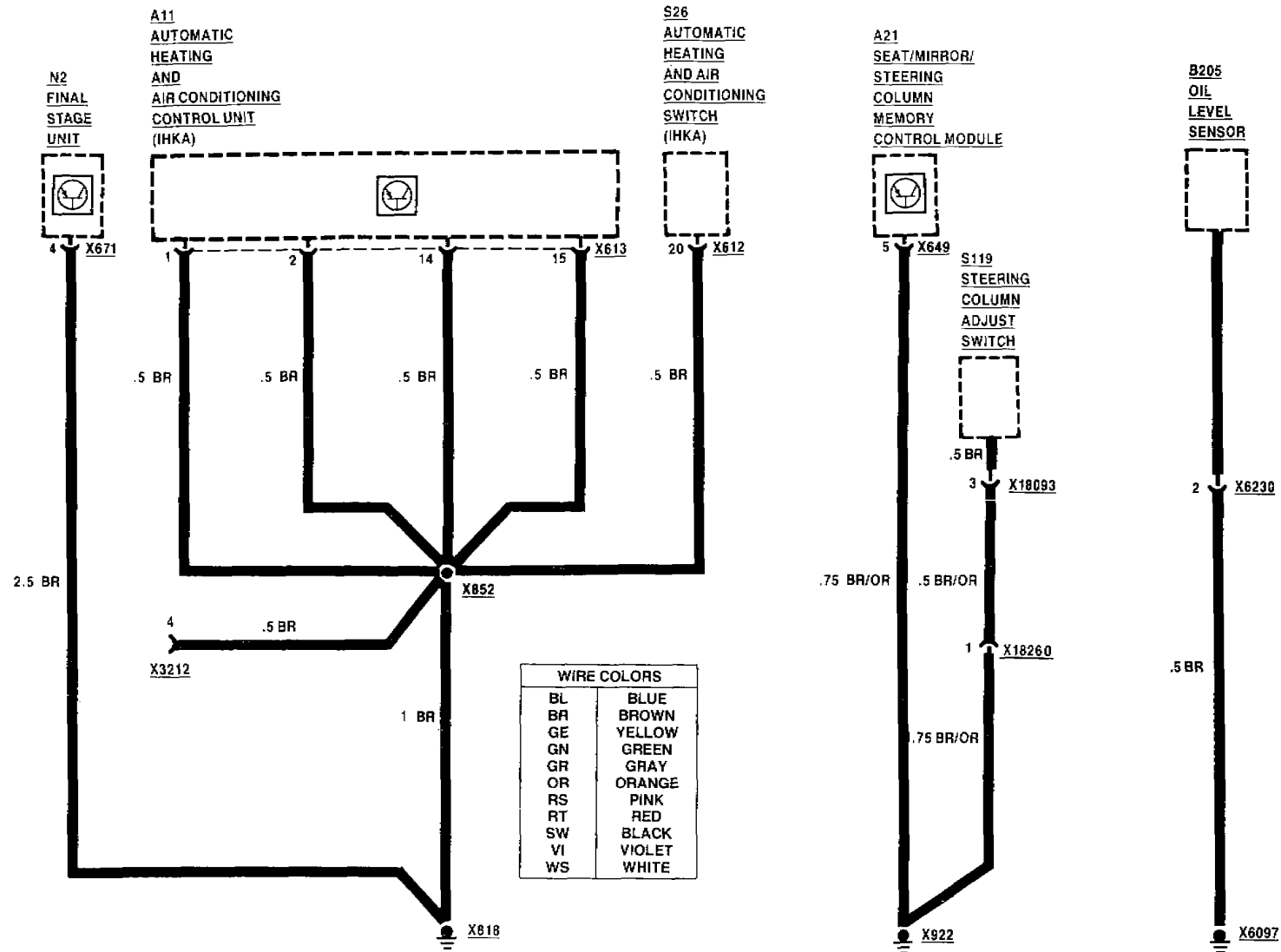
735iL, 750iL





GROUND DISTRIBUTION

GROUNDS X818, X922 AND X6097

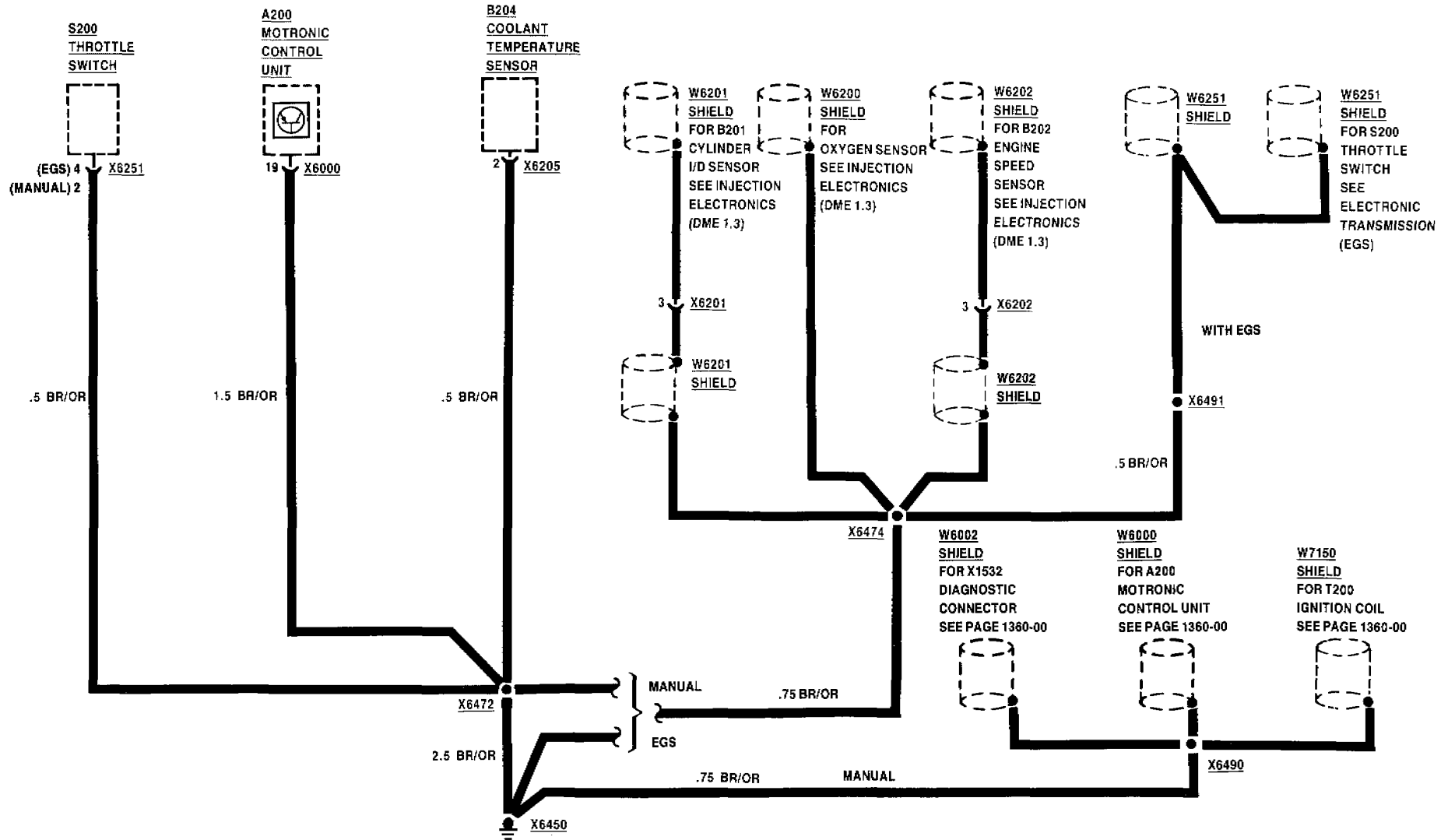




GROUND DISTRIBUTION

GROUND X6450 WITHOUT EML

735i, 735iL

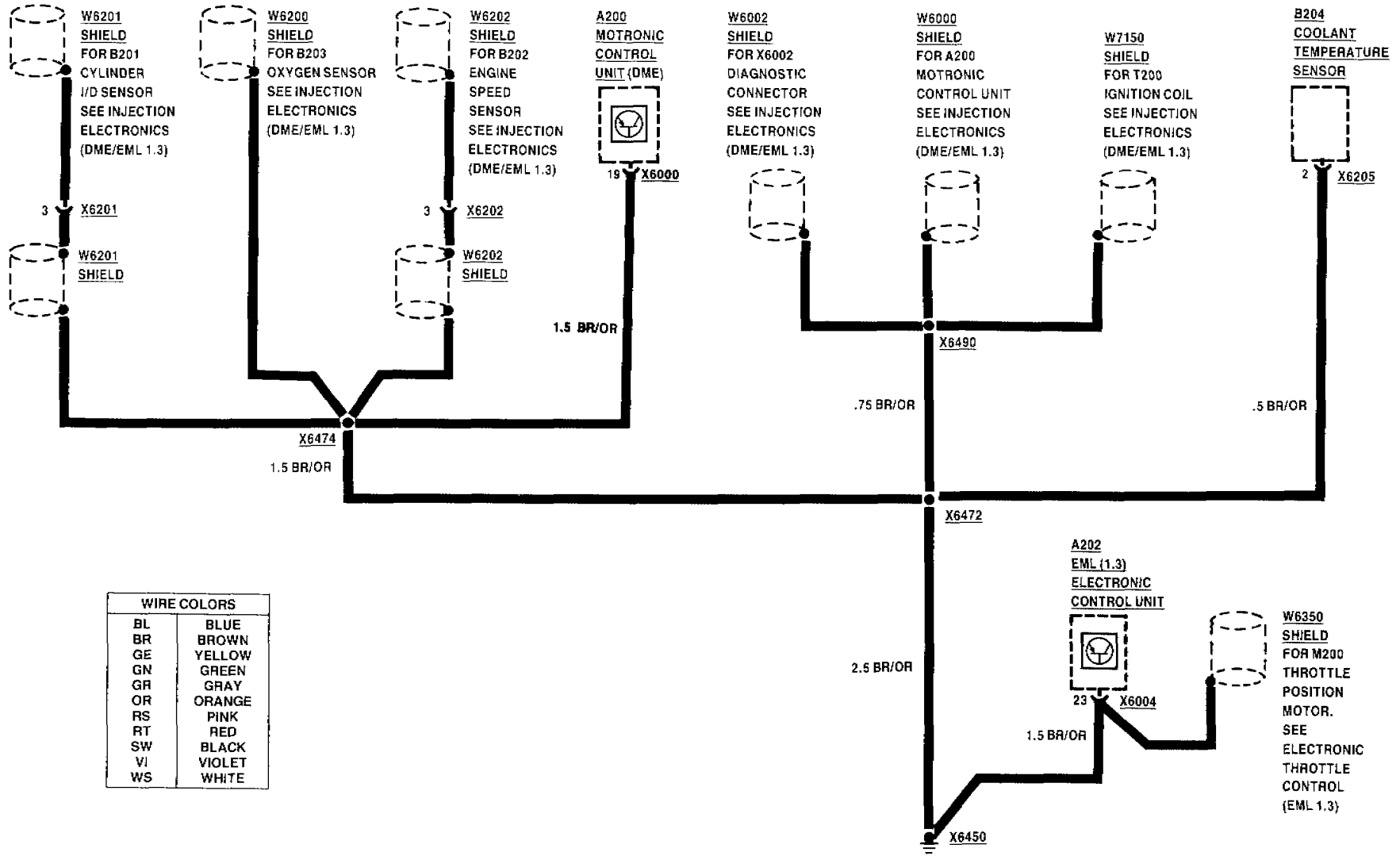




GROUND DISTRIBUTION

735i, 735iL

GROUND X6450 WITH EML



| 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

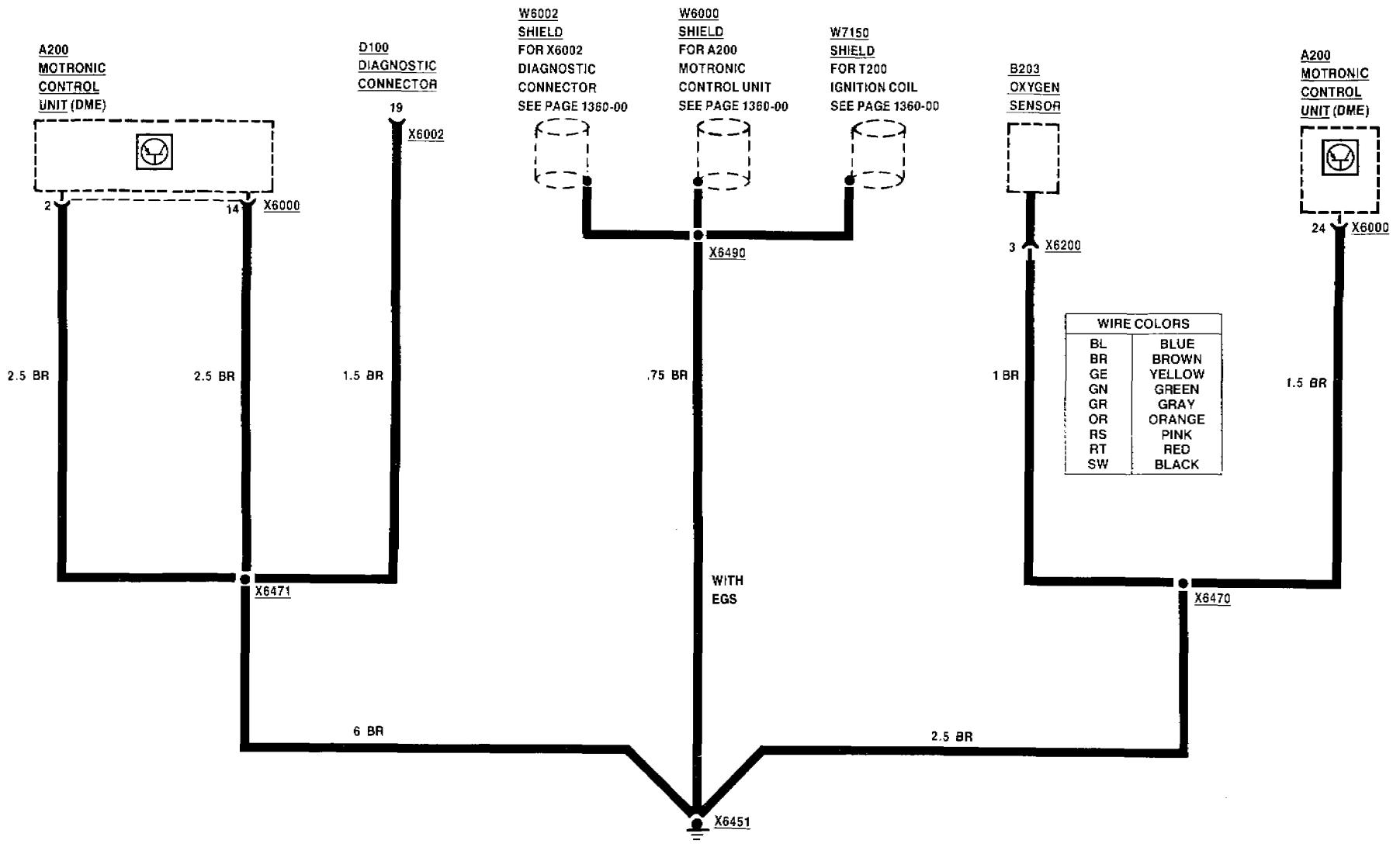
GROUND X6451 WITHOUT EML

735i, 735iL

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0672-28

1991

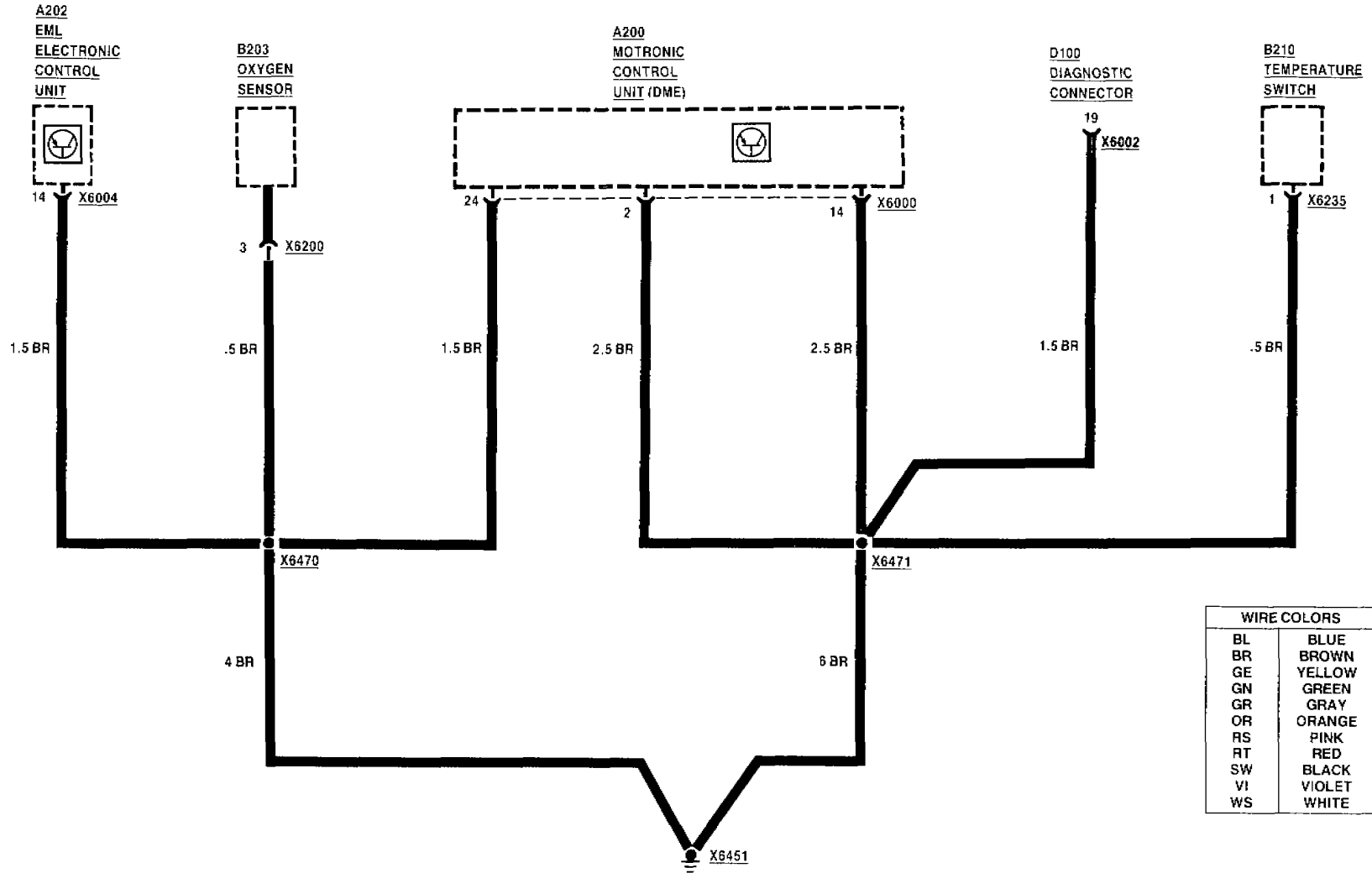




GROUND DISTRIBUTION

GROUND X6451 WITH EML

735i, 735iL

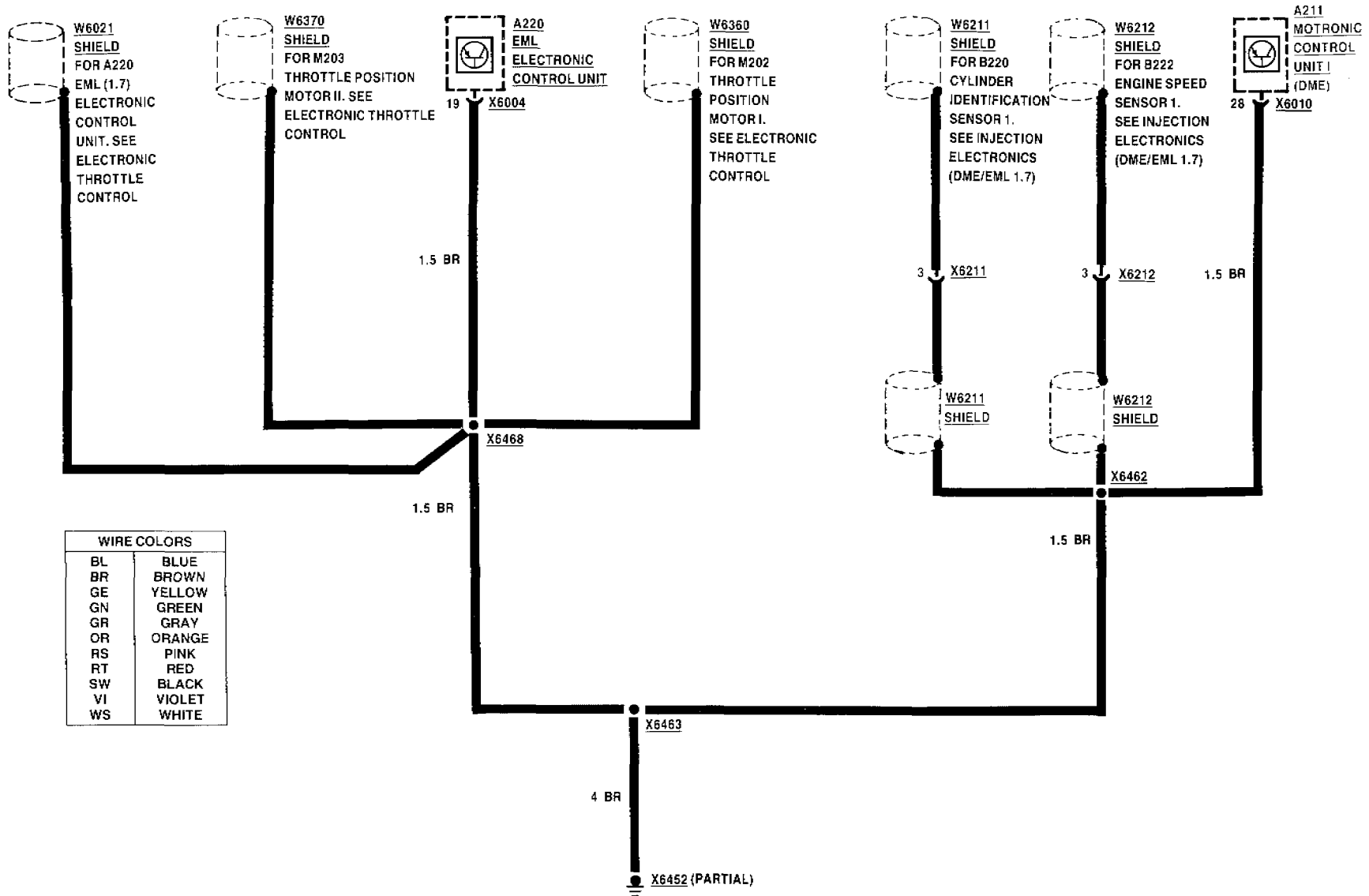




GROUND DISTRIBUTION

GROUND X6452

750iL



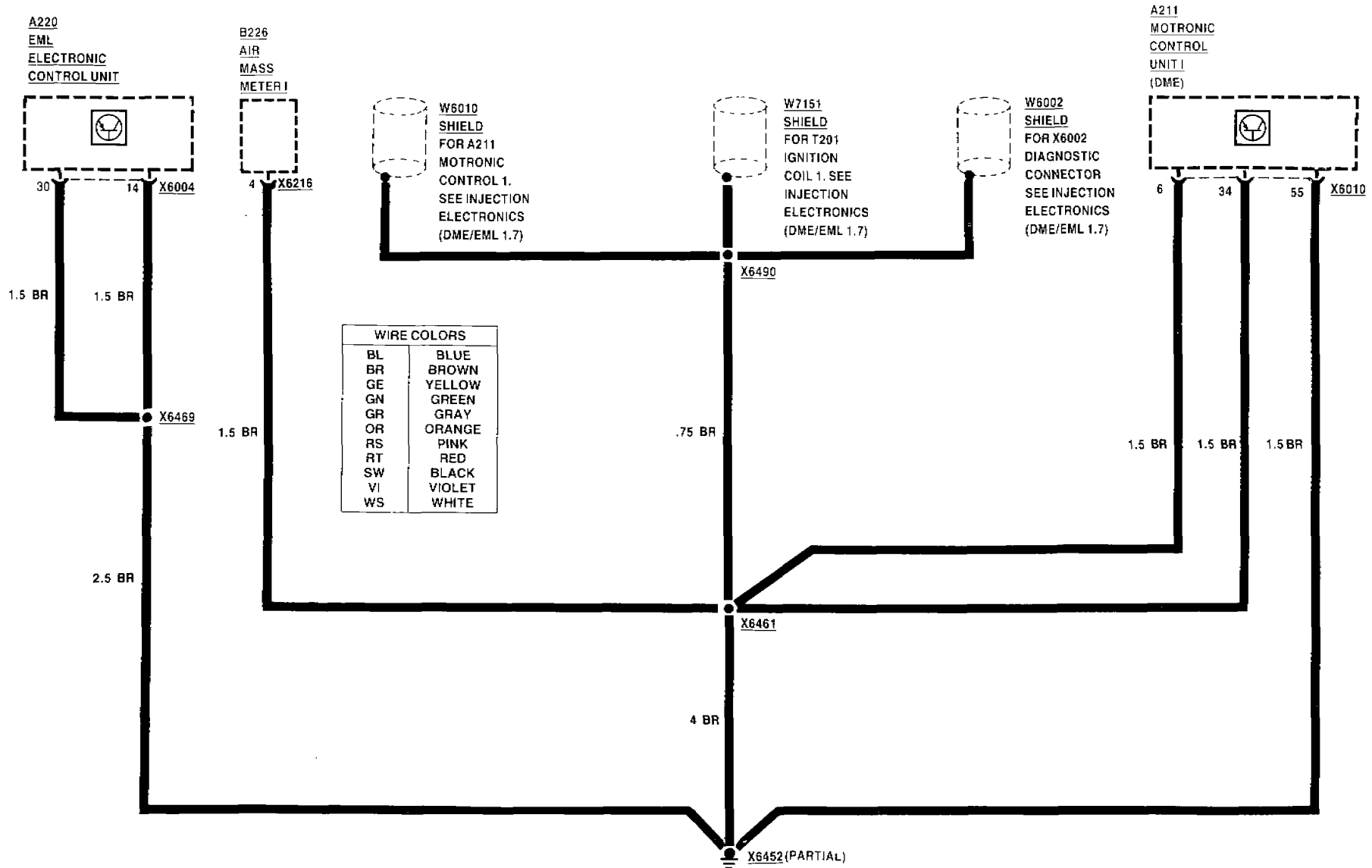
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



GROUND DISTRIBUTION

GROUND X6452

750iL

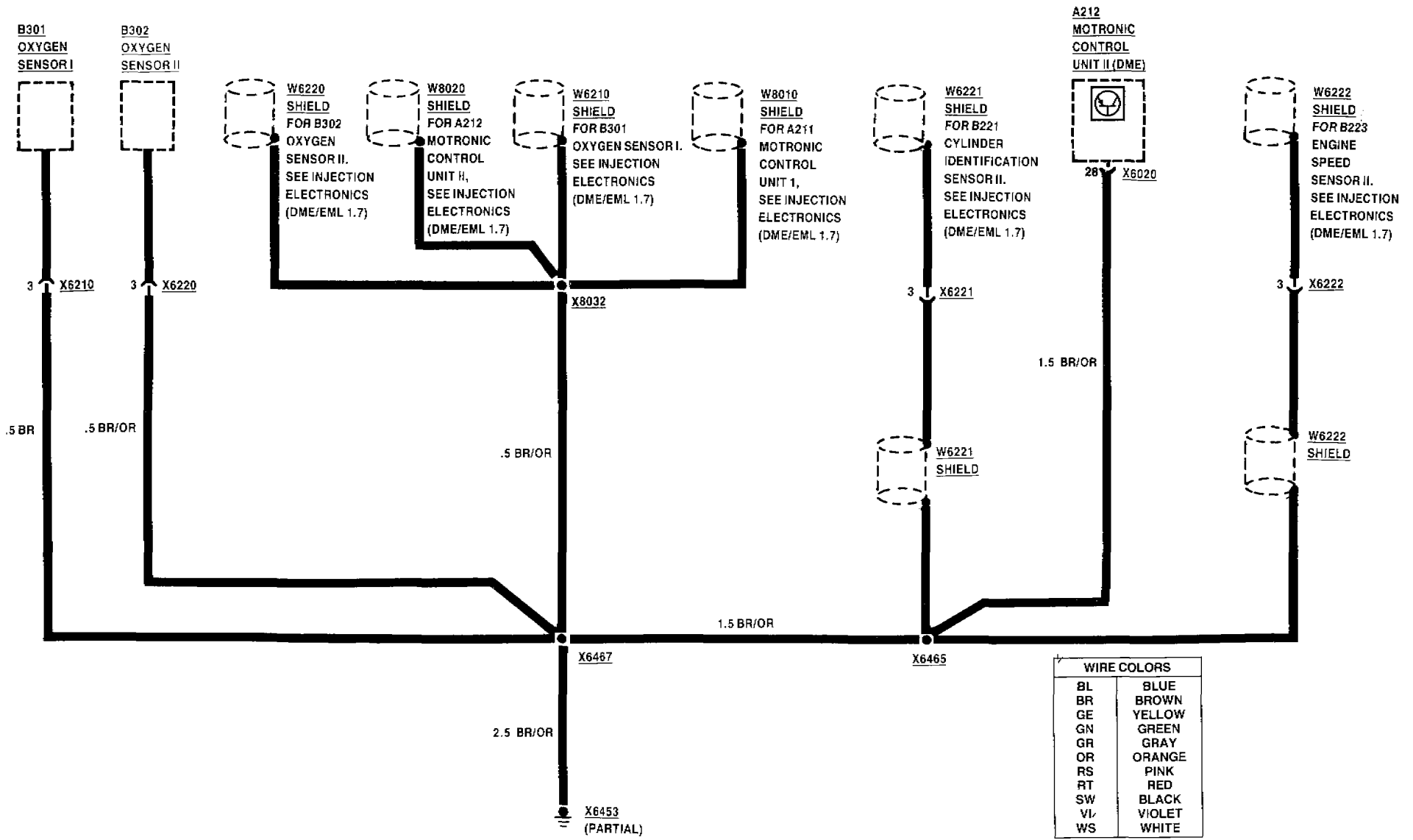




GROUND DISTRIBUTION

GROUND X6453

750iL



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

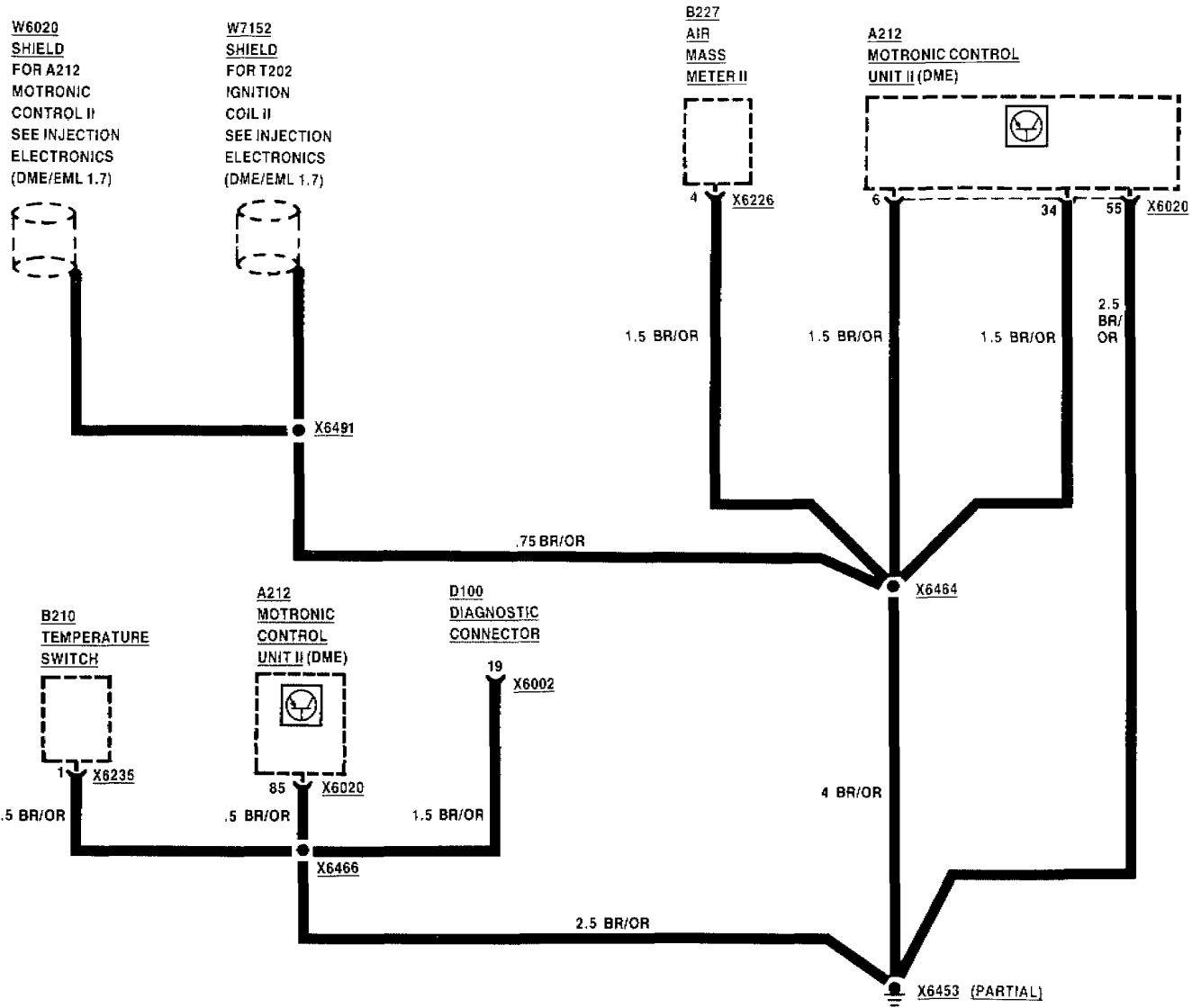
03/92 ——— 0672-32 ——— 1991



GROUND DISTRIBUTION

GROUND X6453

750iL

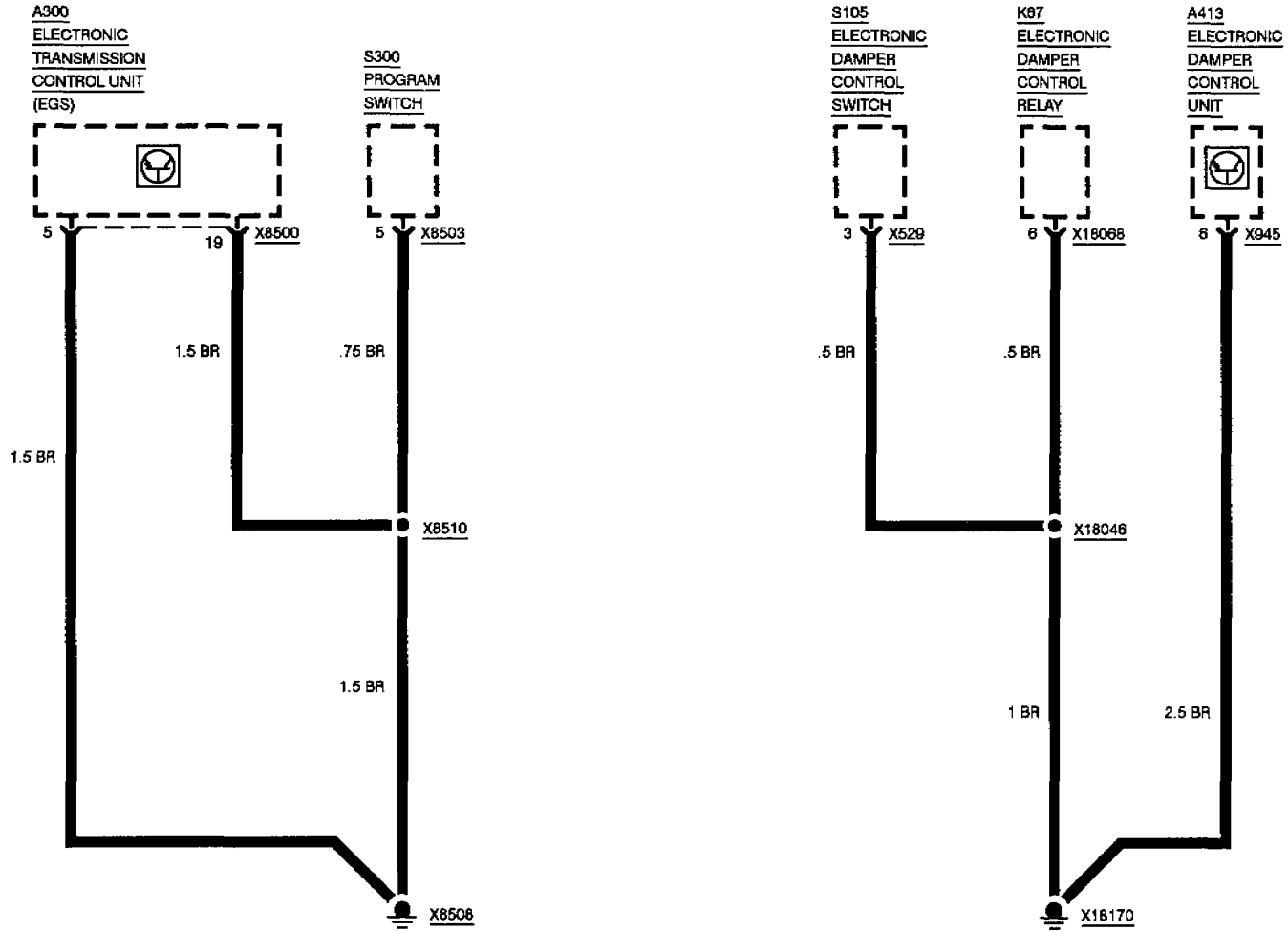


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0672-33
1991



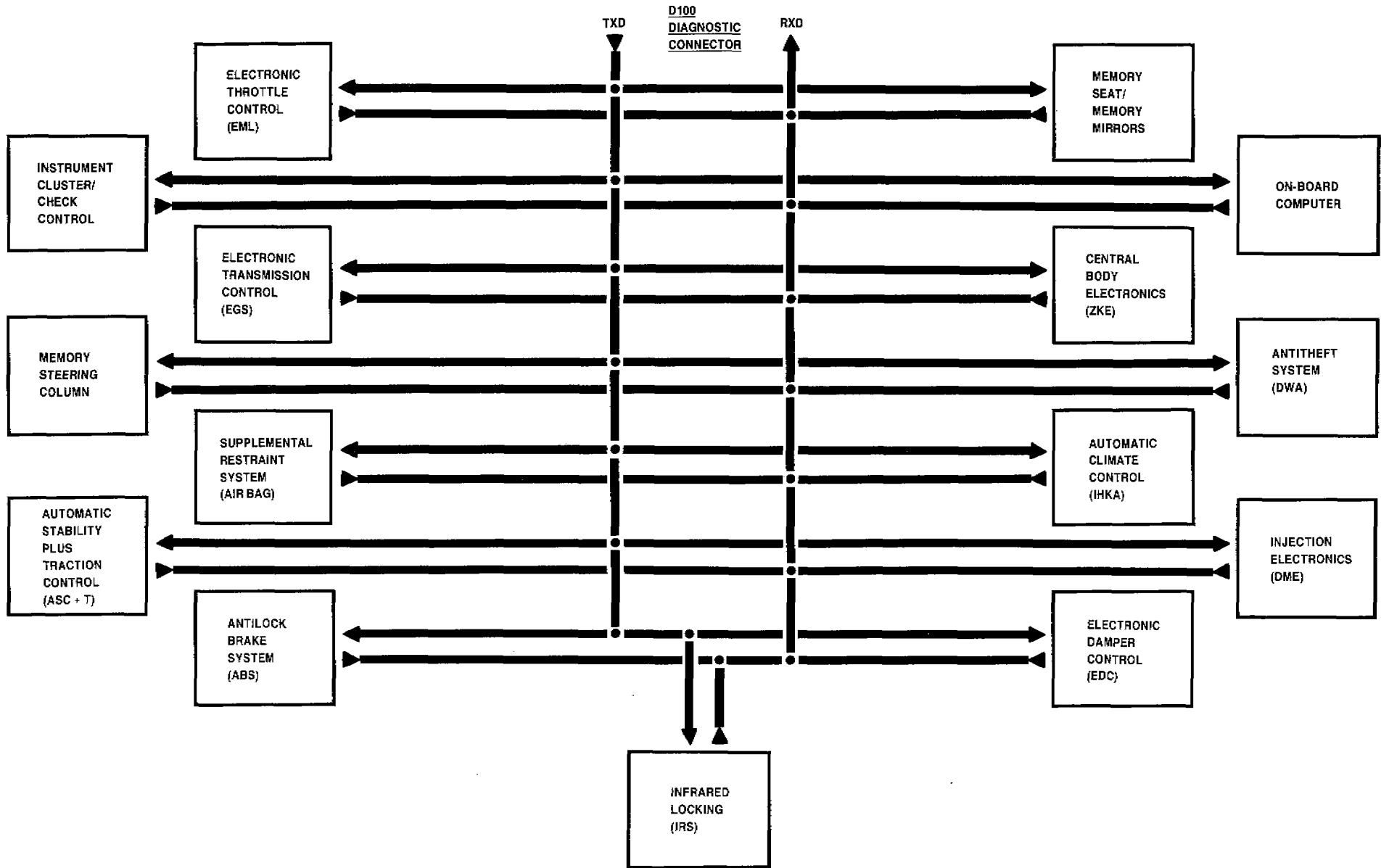
GROUND DISTRIBUTION

GROUNDS X8508 AND X18170





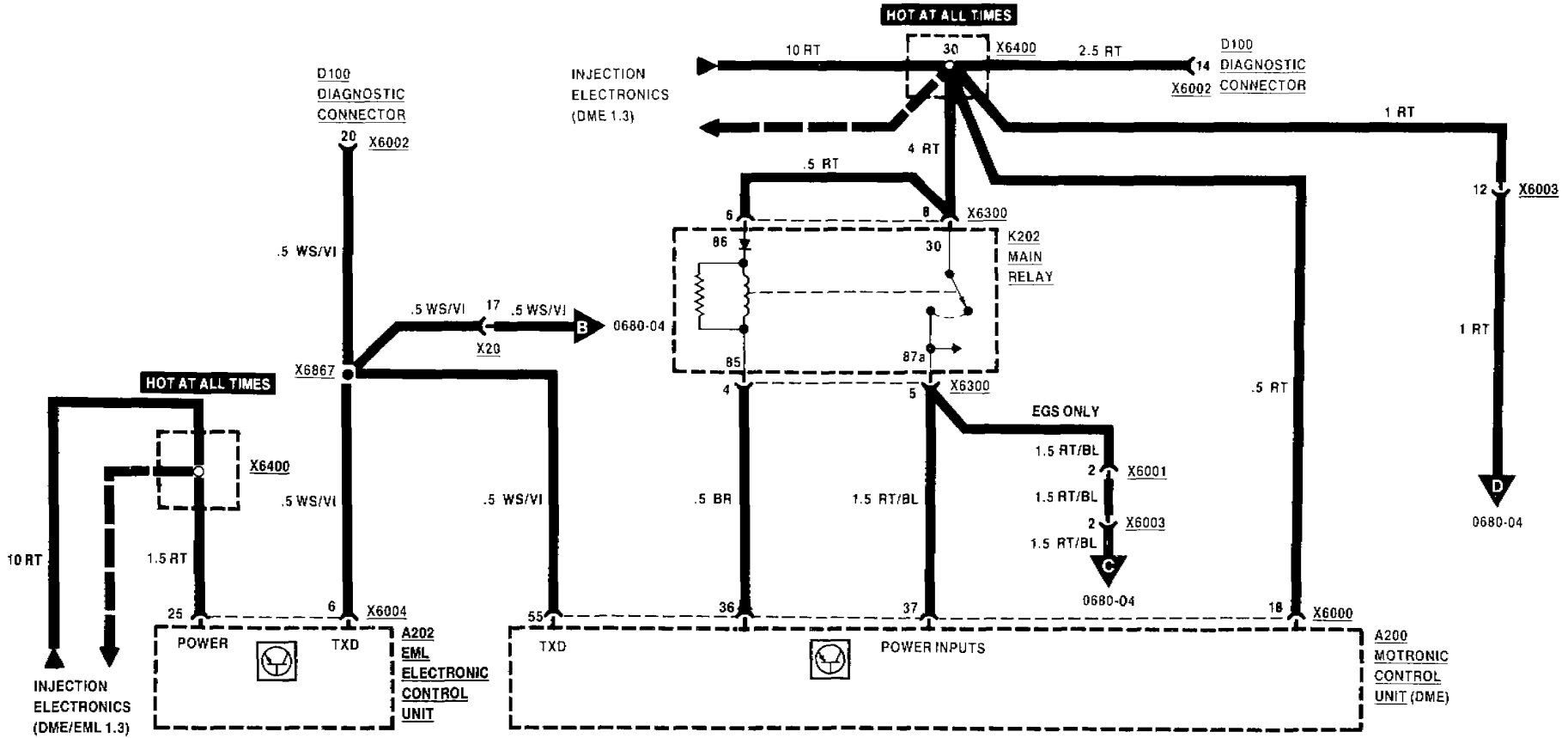
DIAGNOSTIC LINK BLOCK DIAGRAM





DIAGNOSTIC LINK TXD AND POWER

735i, 735iL



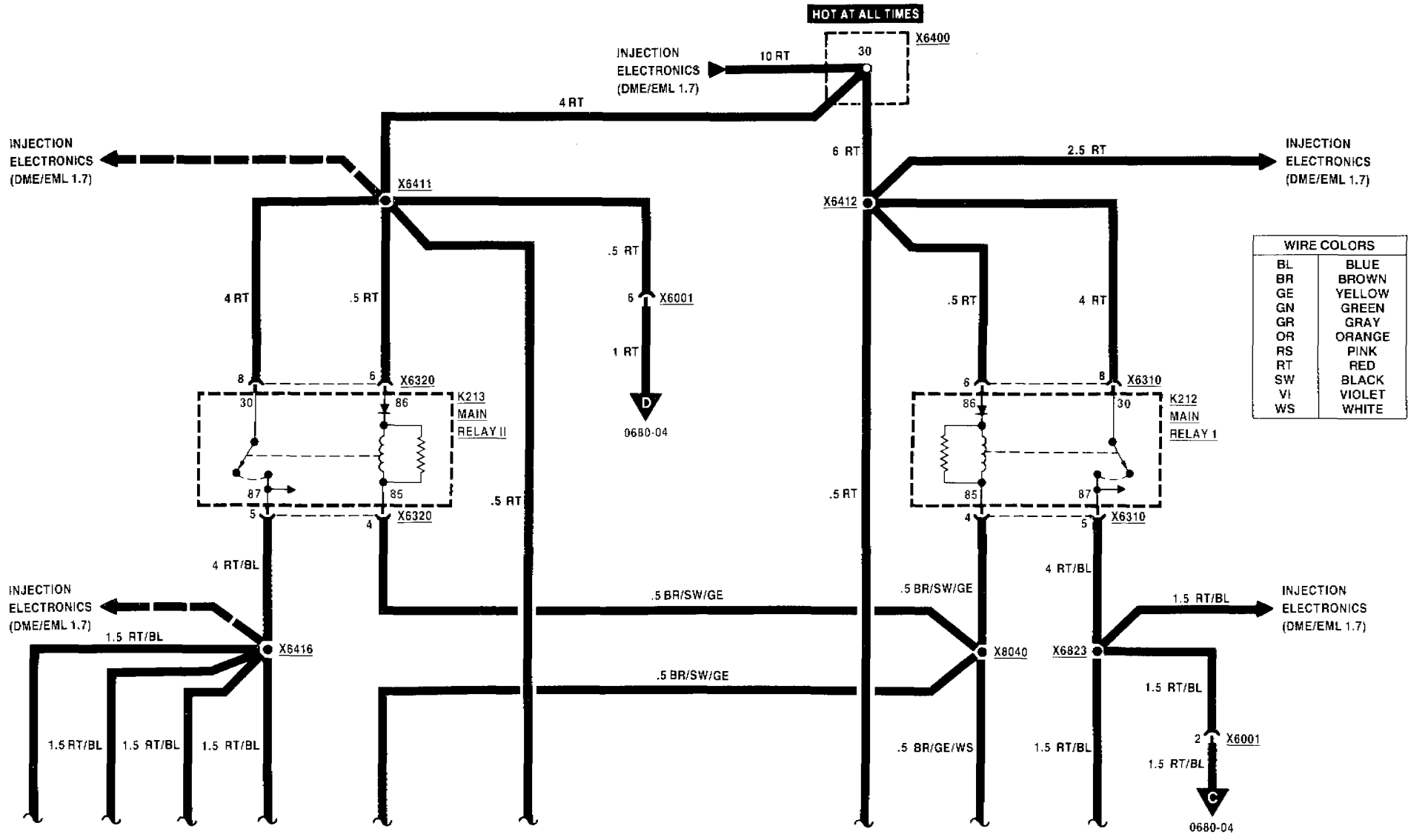
WITH EML

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



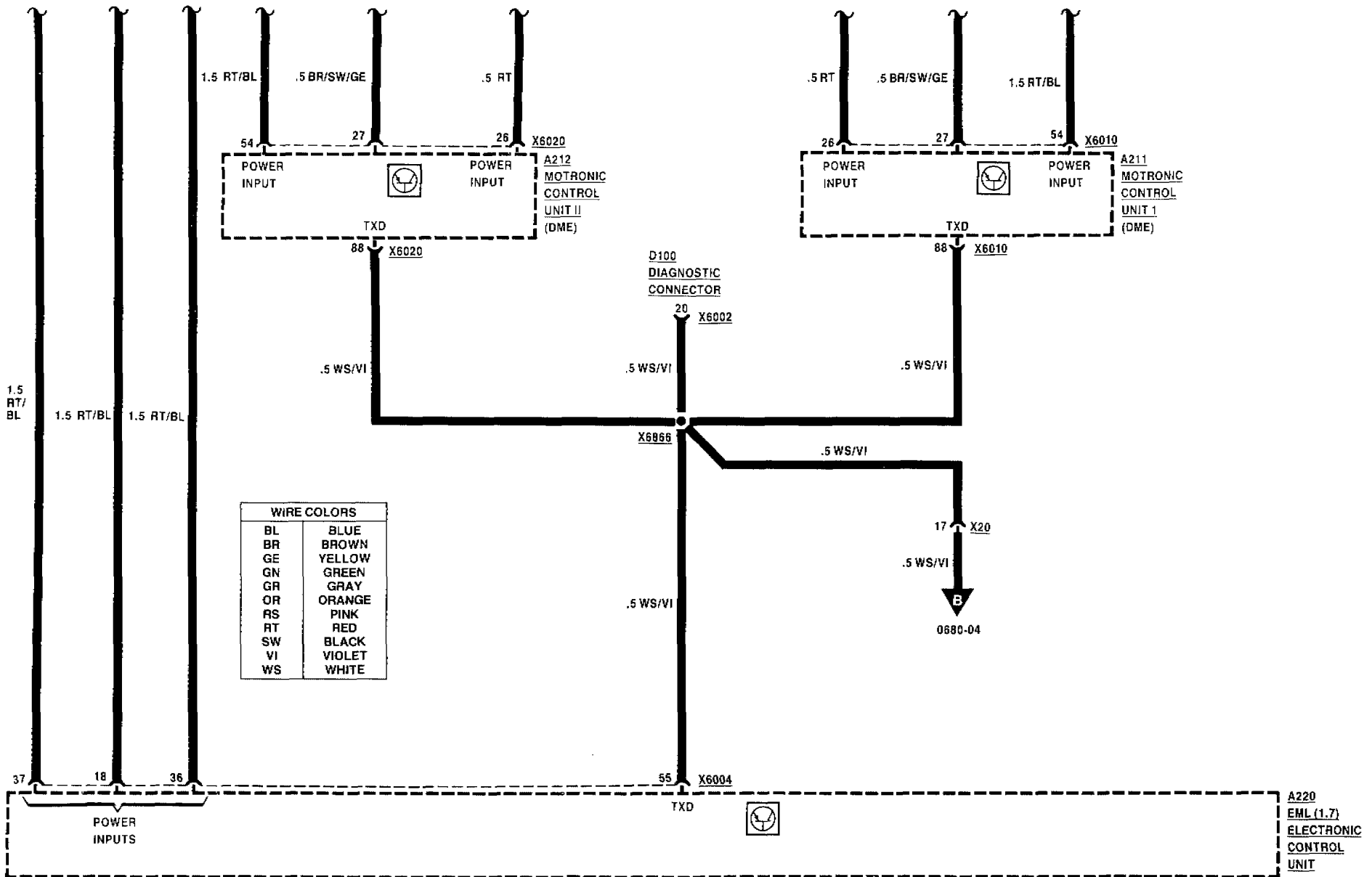
DIAGNOSTIC LINK TXD AND POWER

750iL



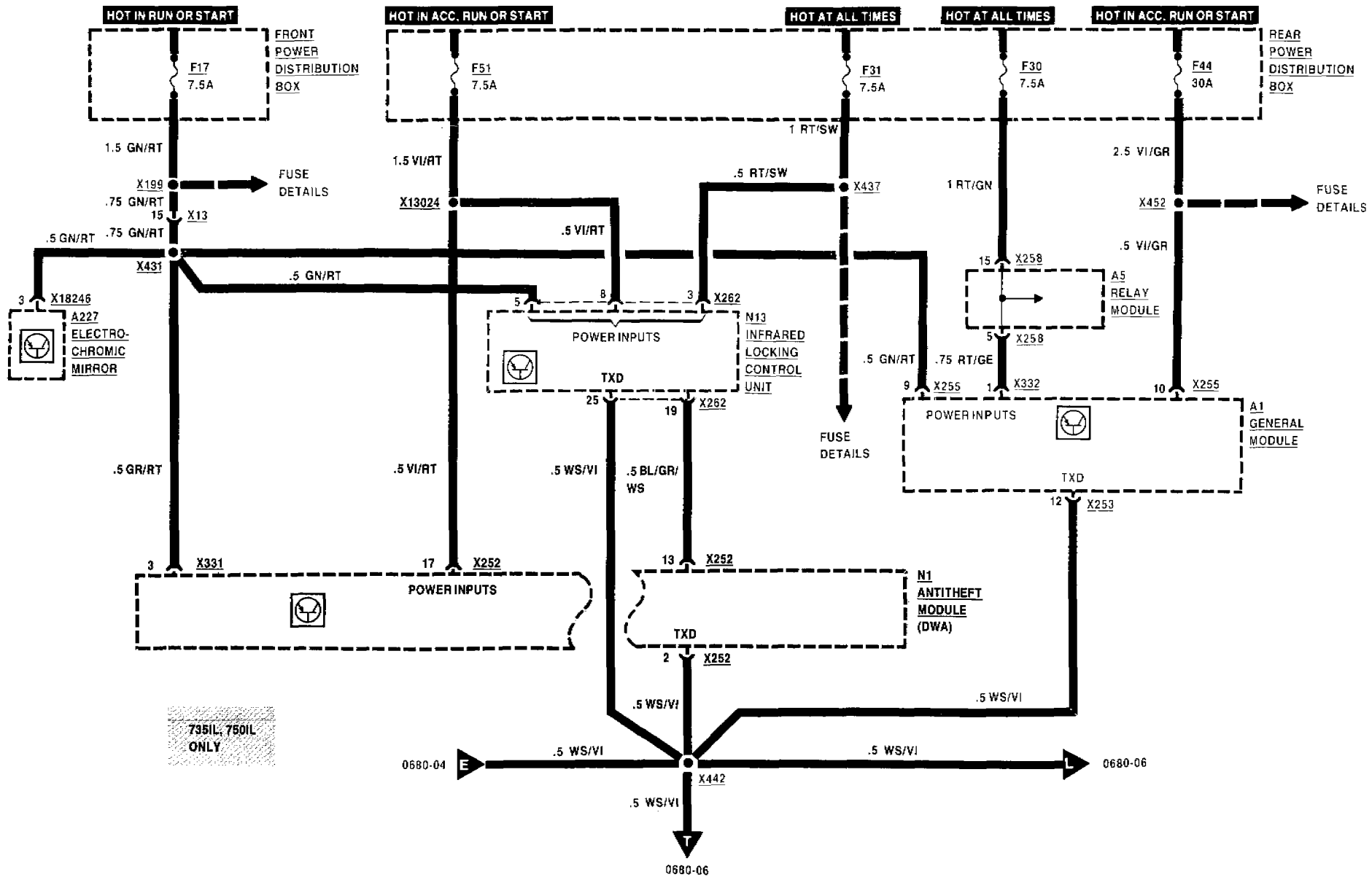
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

03/92 — 0680-02 — 1991



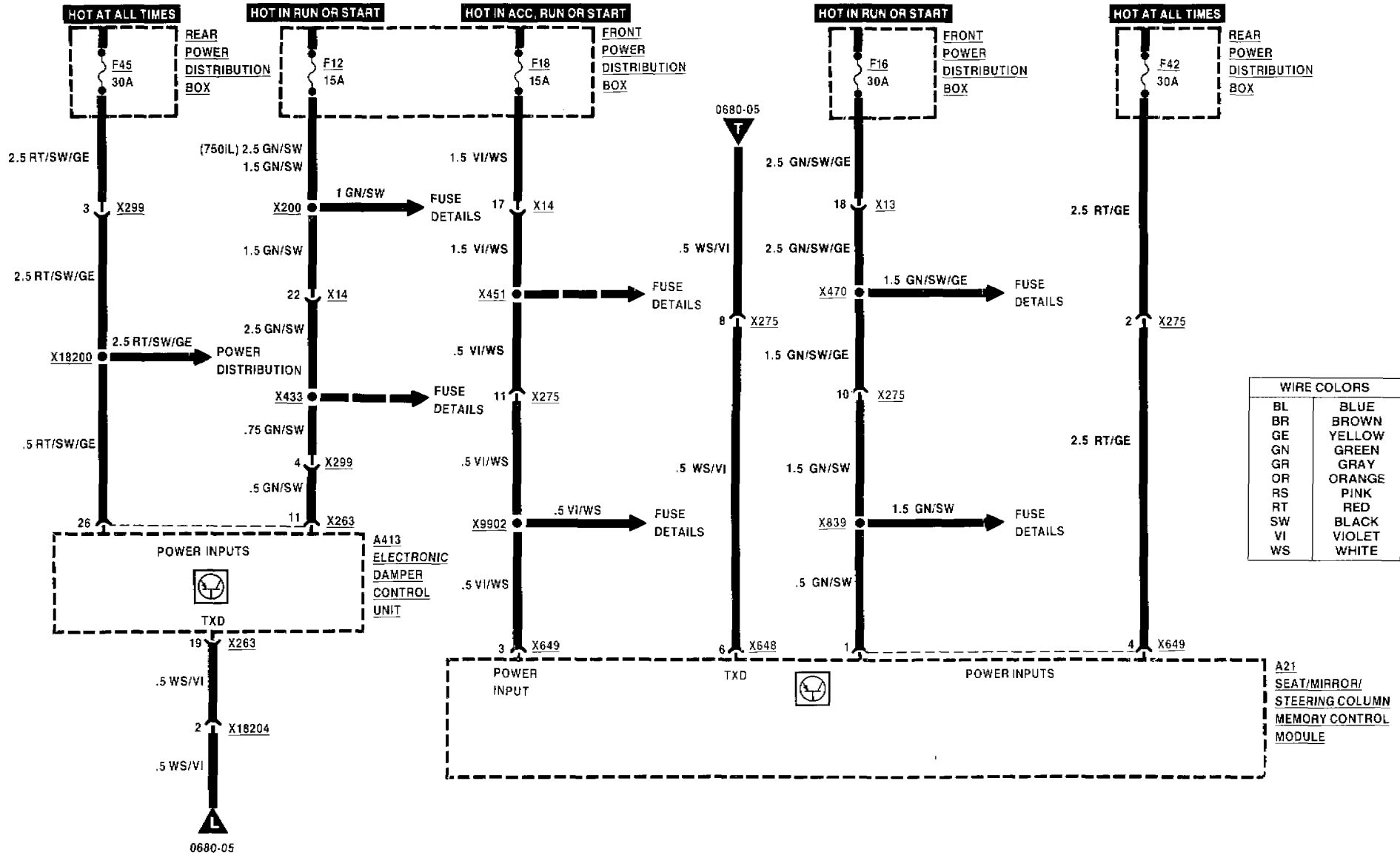


DIAGNOSTIC LINK TXD AND POWER



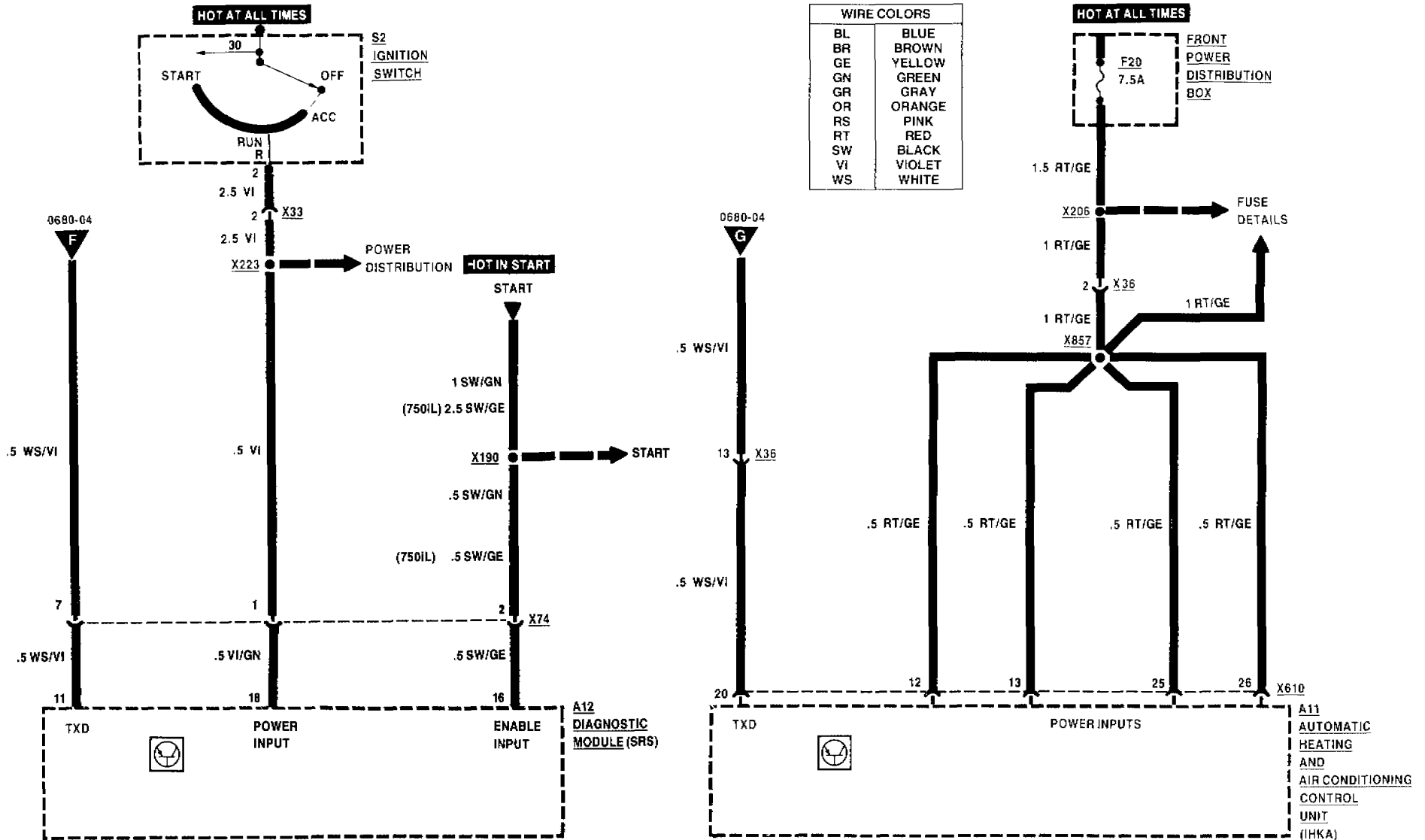


DIAGNOSTIC LINK TXD AND POWER





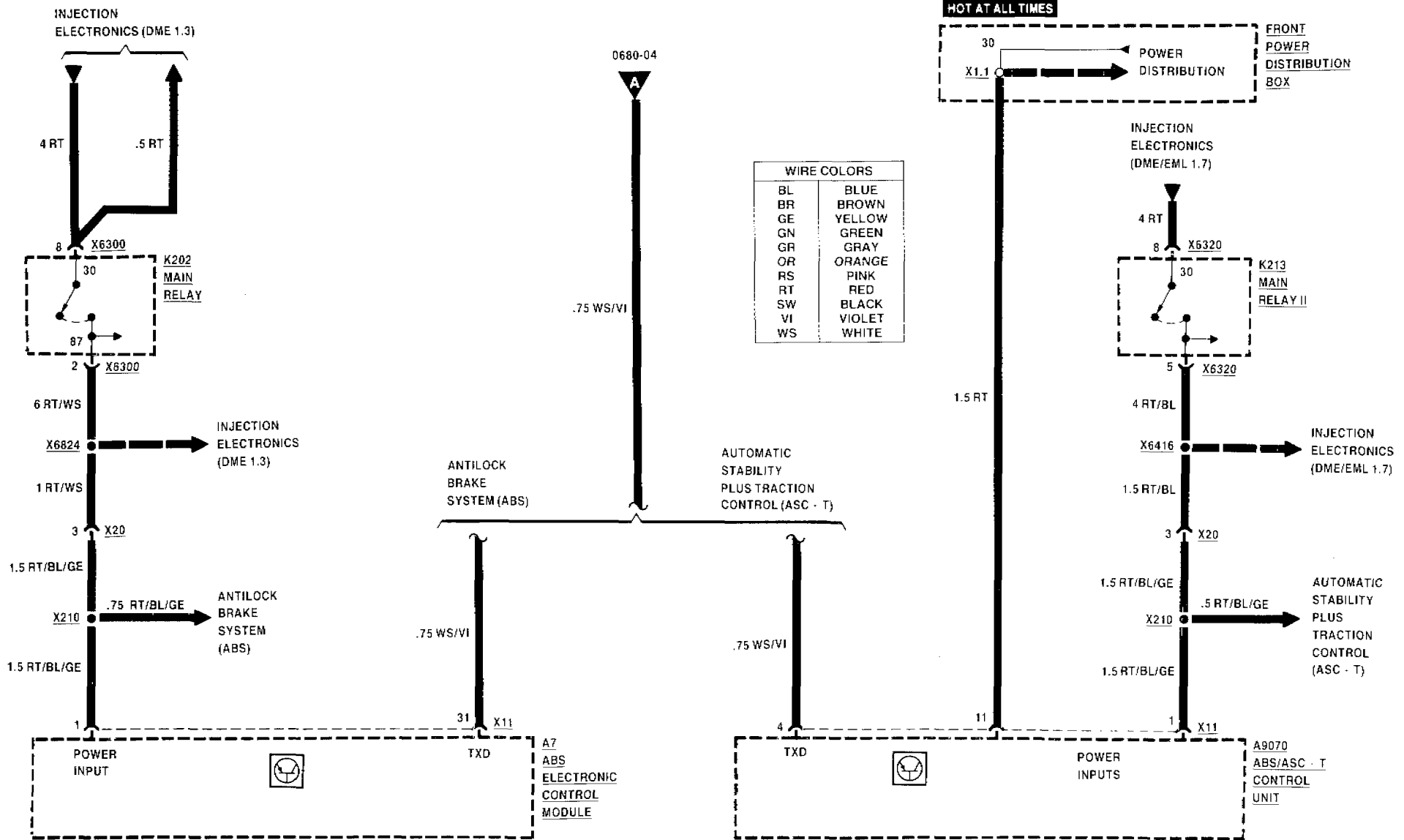
DIAGNOSTIC LINK TXD AND POWER





DIAGNOSTIC LINK

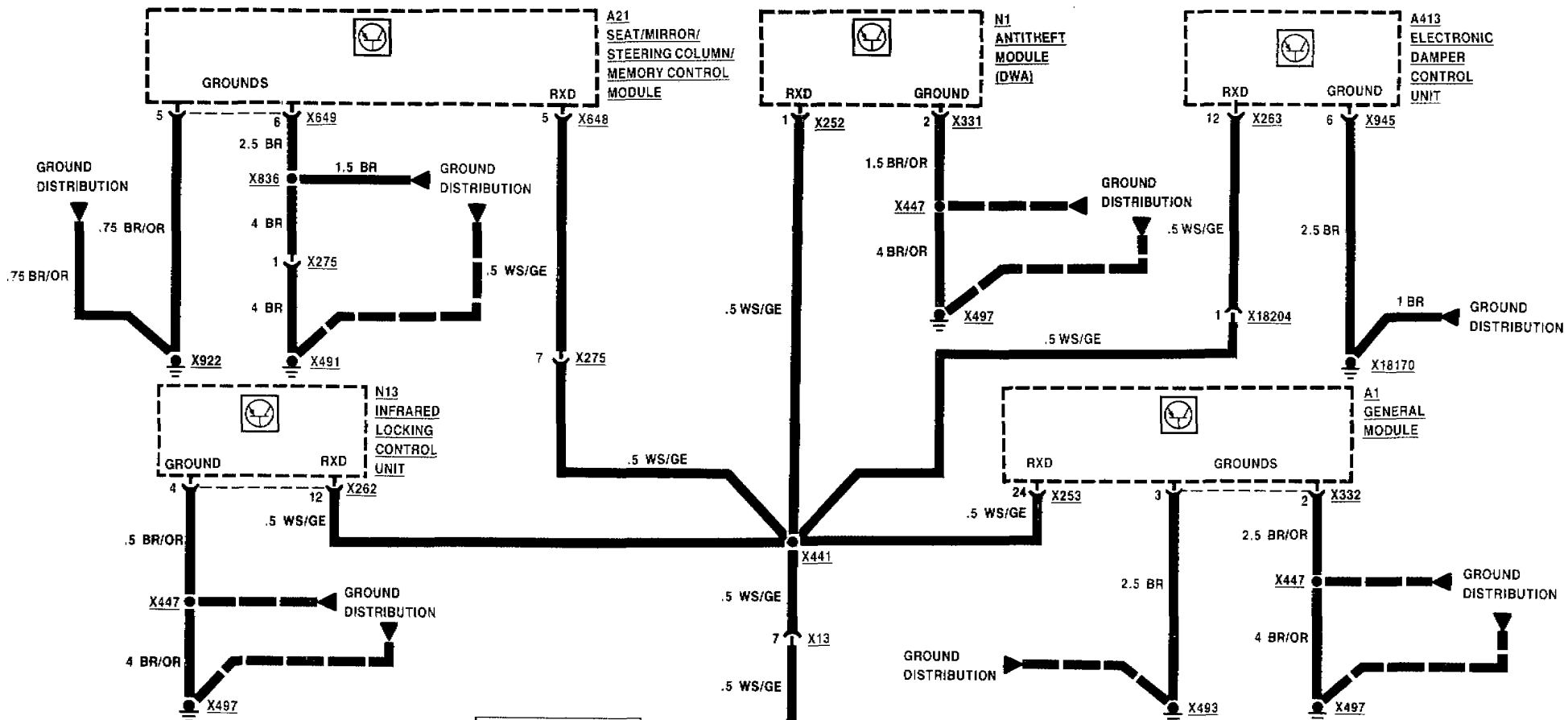
TXD AND POWER





DIAGNOSTIC LINK

RXD AND GROUNDS

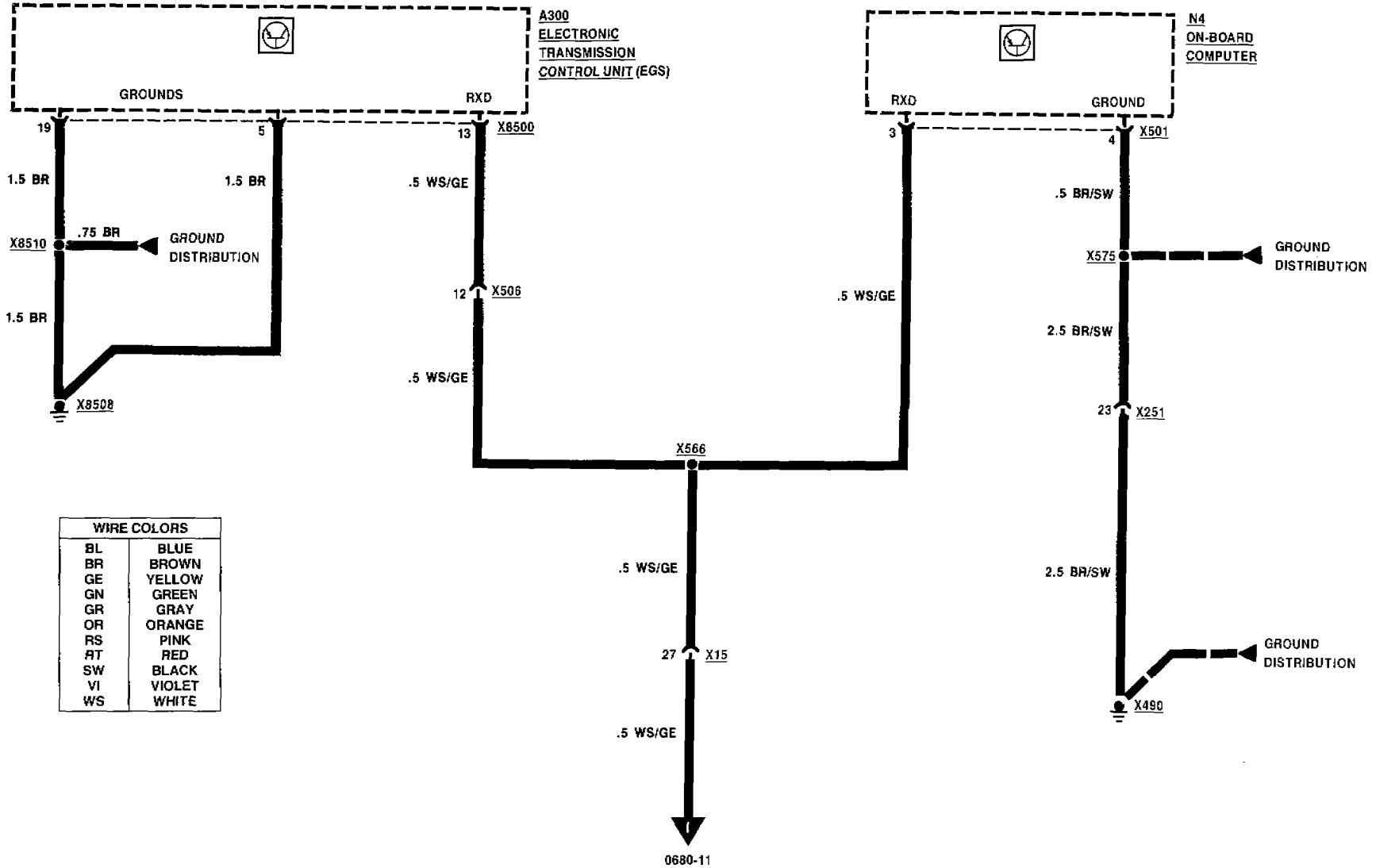


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

0680-11



DIAGNOSTIC LINK RXD AND GROUNDS

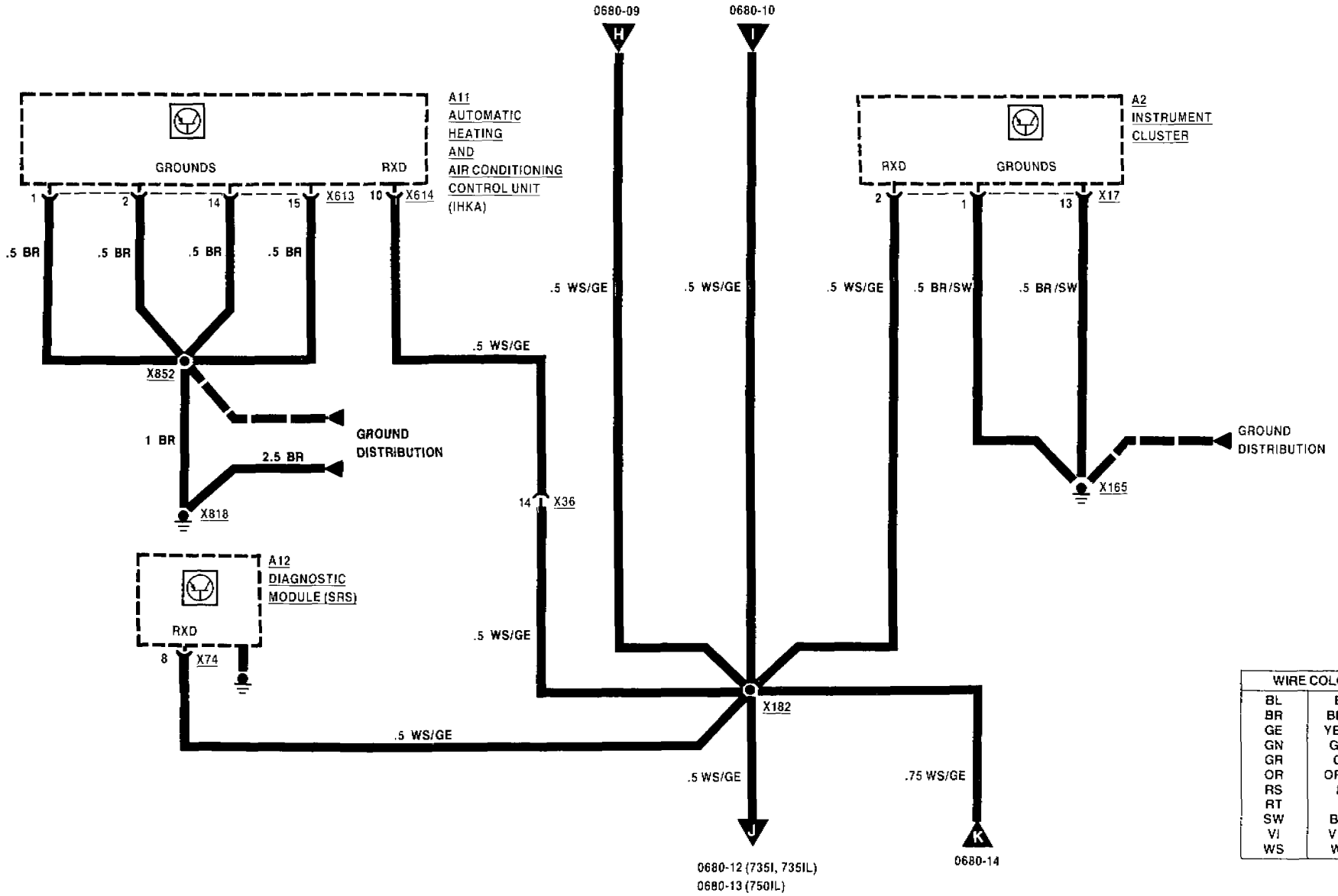


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



DIAGNOSTIC LINK

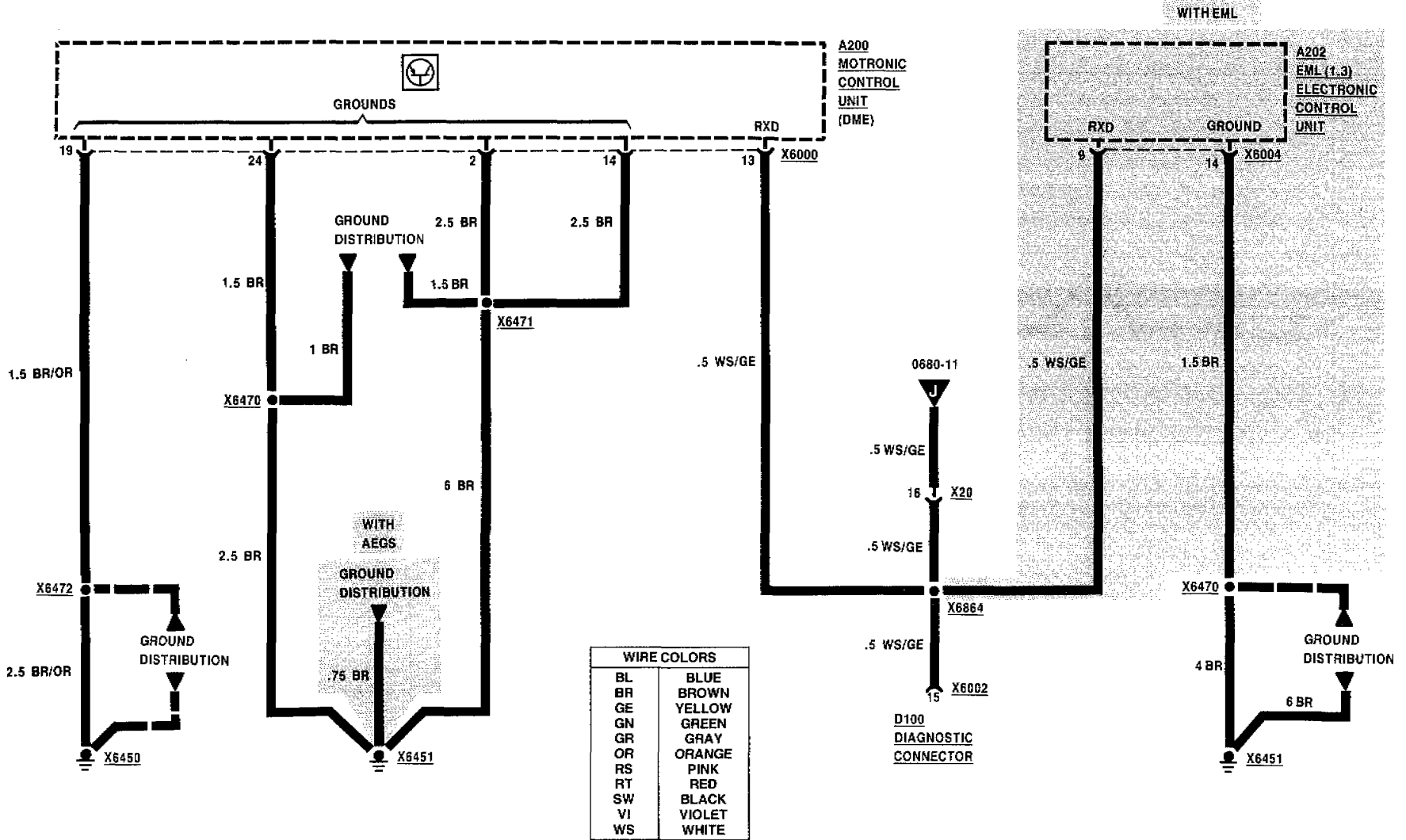
RXD AND GROUNDS





DIAGNOSTIC LINK RXD AND GROUNDS

735i, 735iL



10/90

0680-12

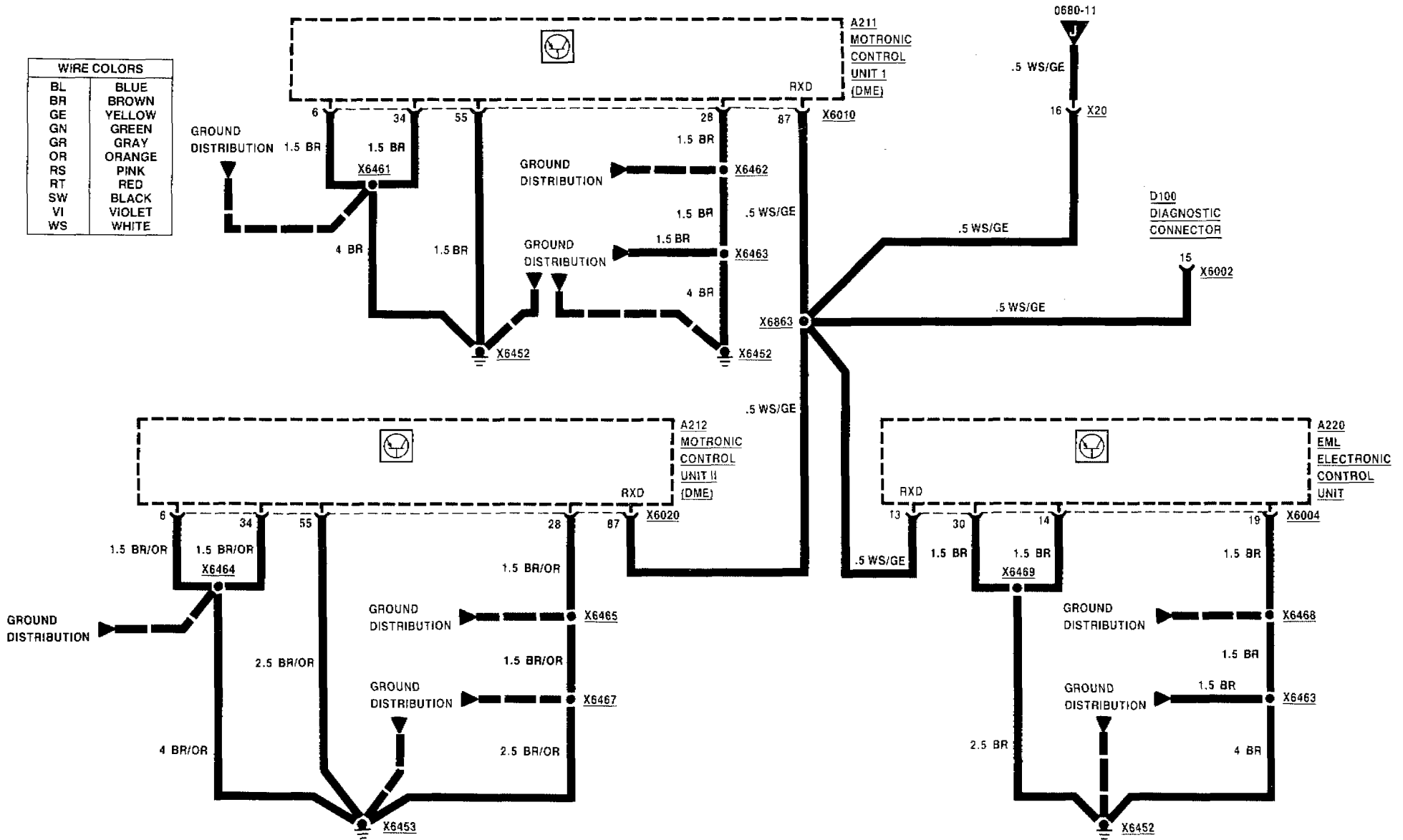
1991



DIAGNOSTIC LINK RXD AND GROUNDS

750iL

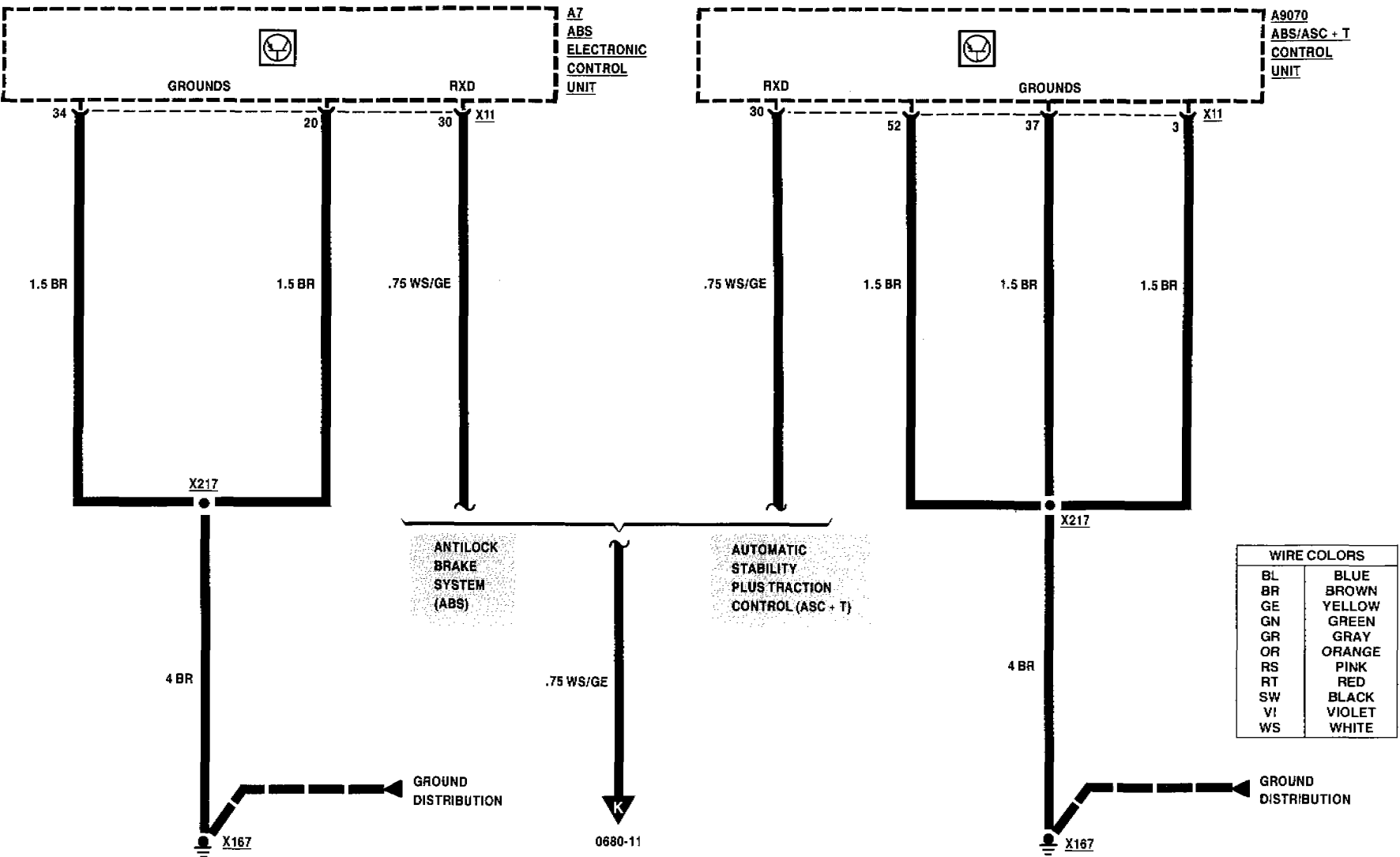
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





DIAGNOSTIC LINK

RXD AND GROUNDS



10/90

0680-14

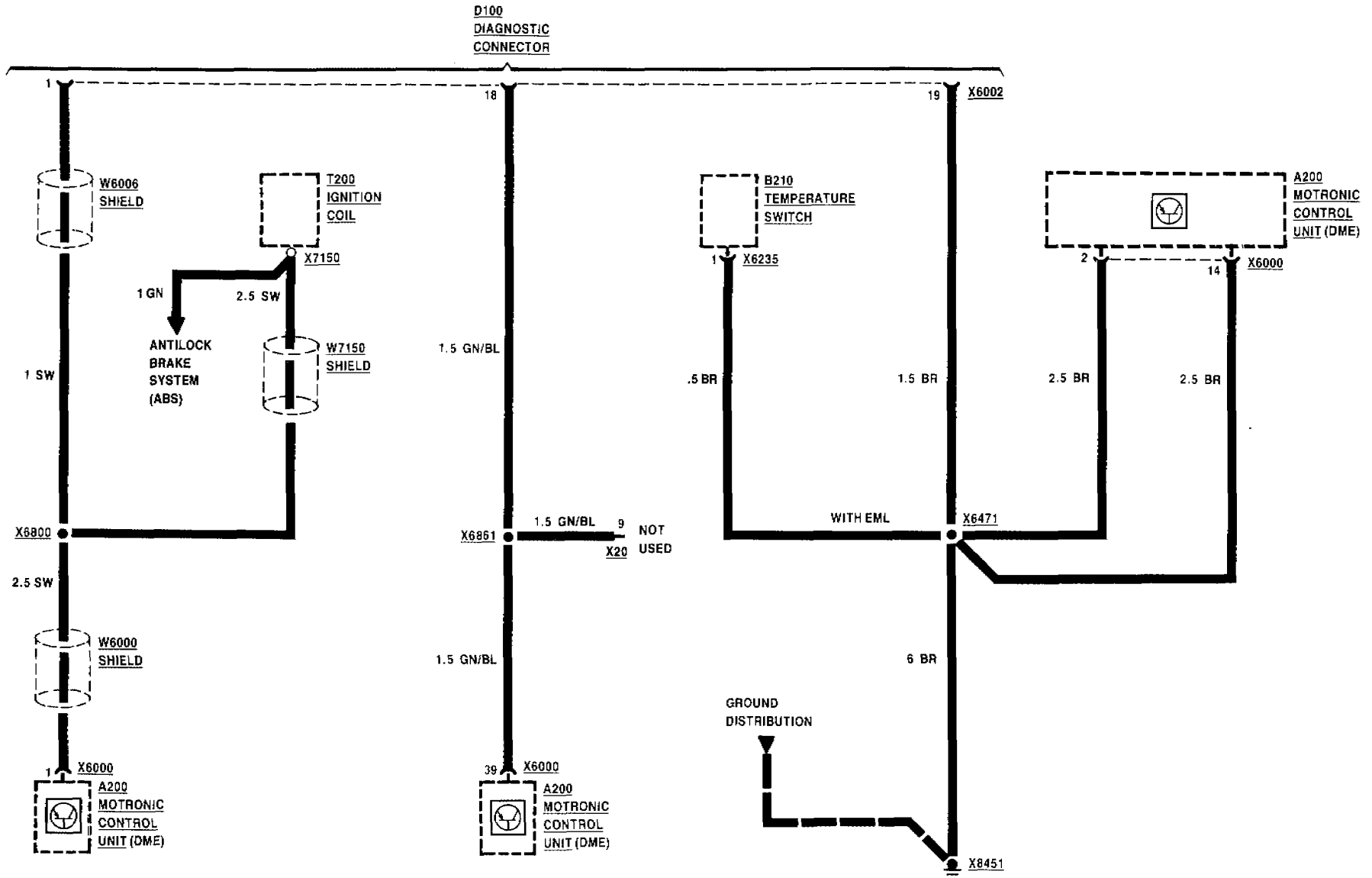
1991



DIAGNOSTIC LINK

735i-735iL

DIAGNOSTIC CONNECTOR Pins 1, 18, 19



03/92

0680-15

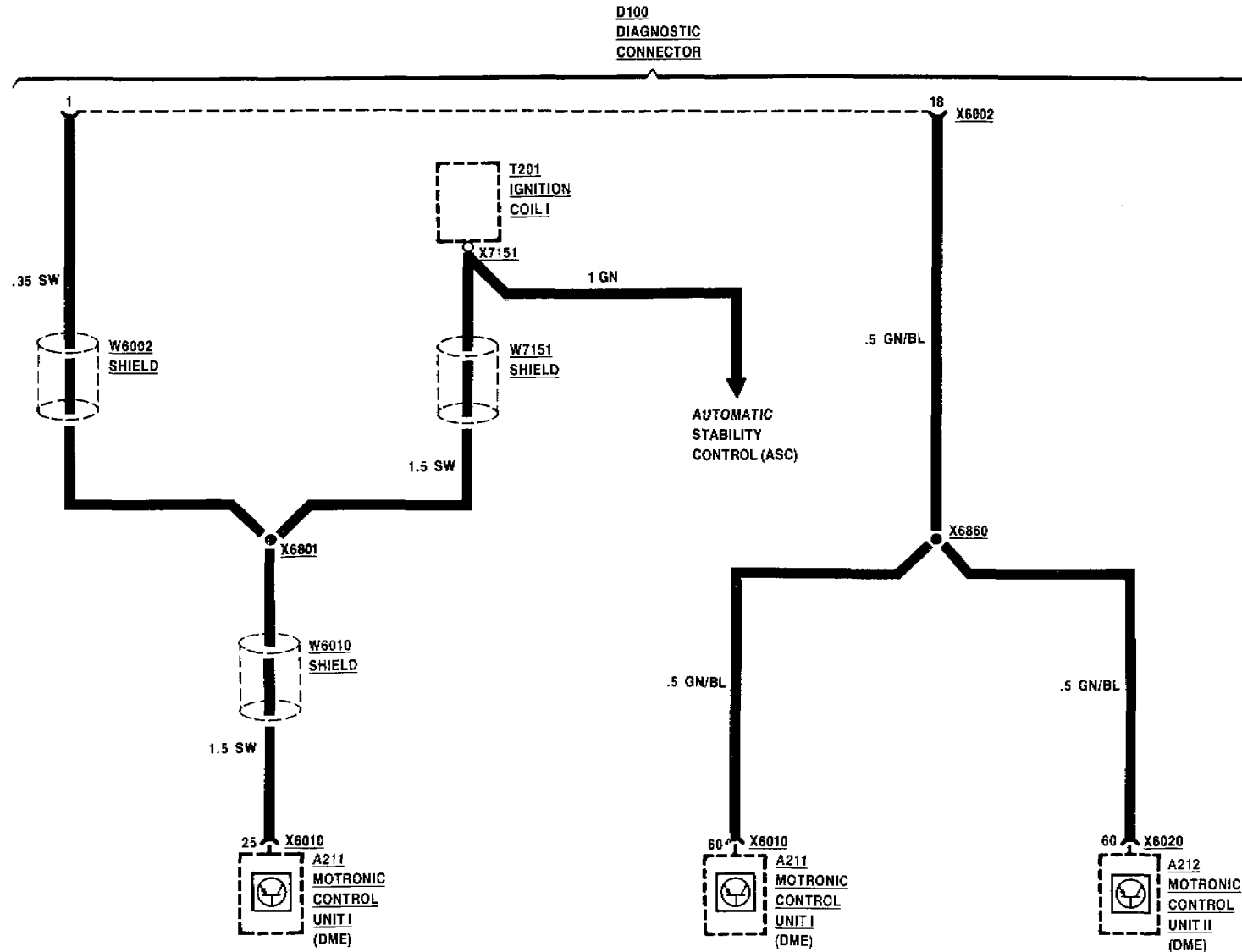
1991



DIAGNOSTIC LINK

DIAGNOSTIC CONNECTOR Pins 1, 18

750i



03/92

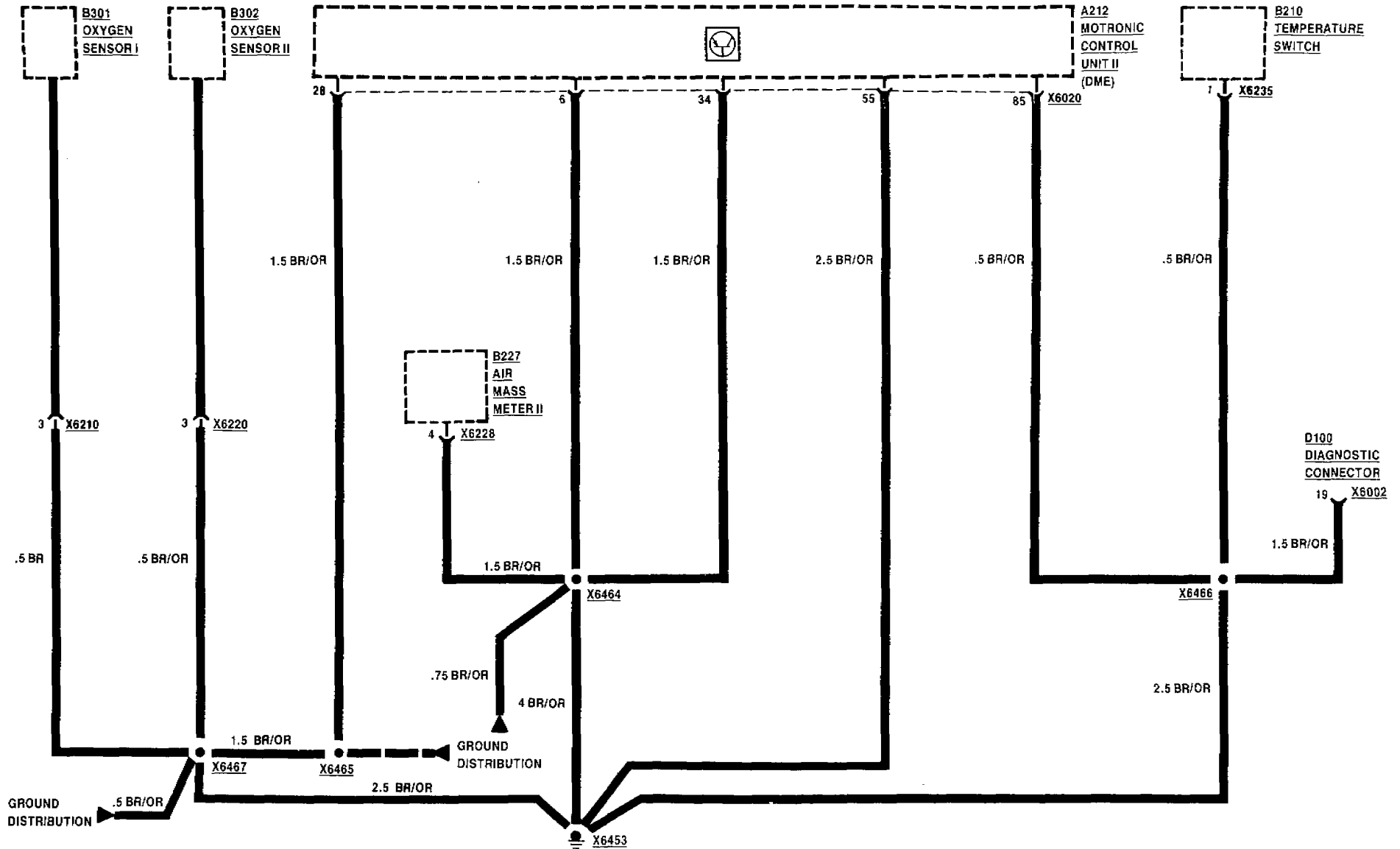
0680-16

1991



DIAGNOSTIC LINK

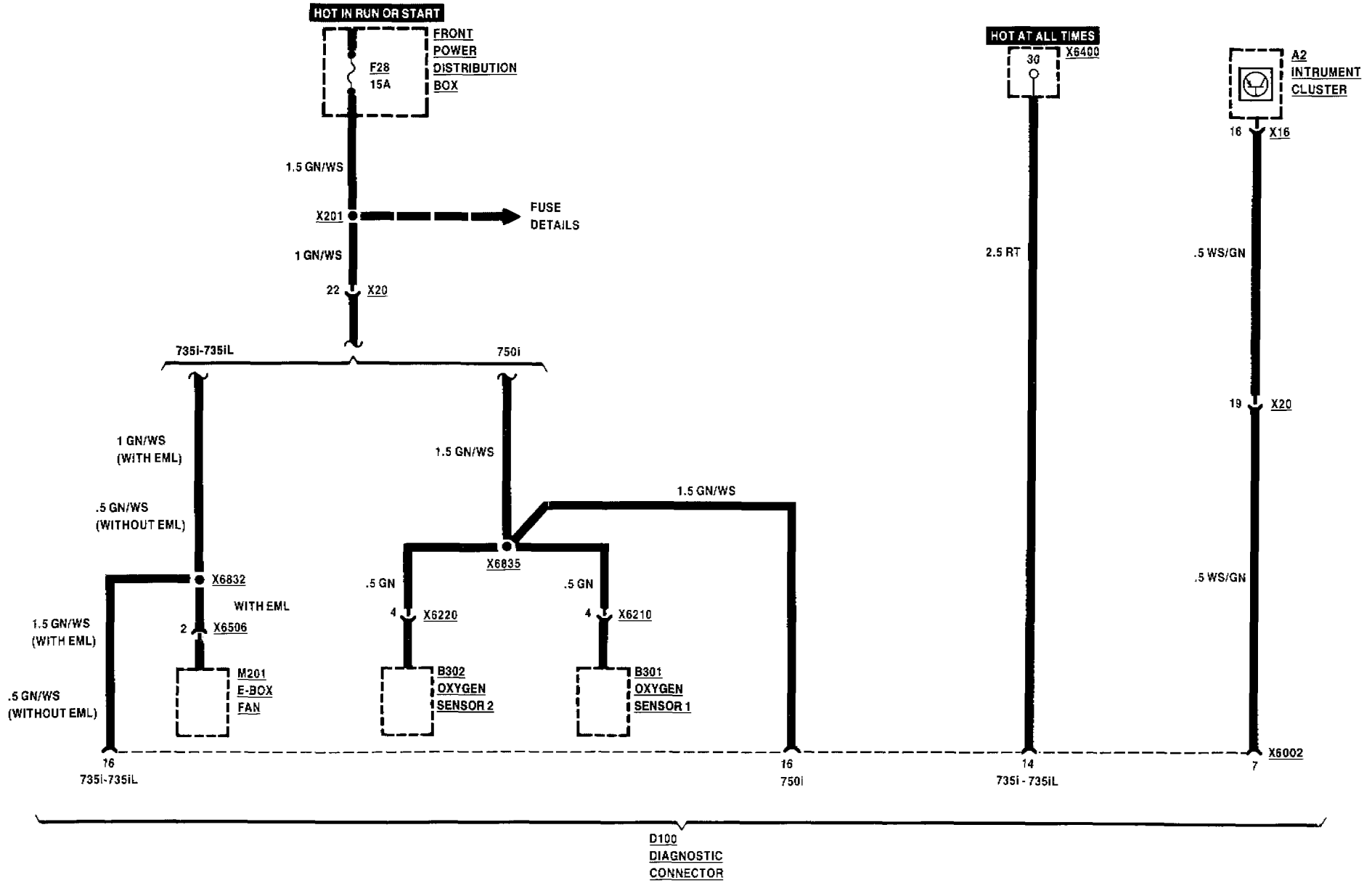
DIAGNOSTIC CONNECTOR Pin 19





DIAGNOSTIC LINK

DIAGNOSTIC CONNECTOR Pins 7, 14, 16

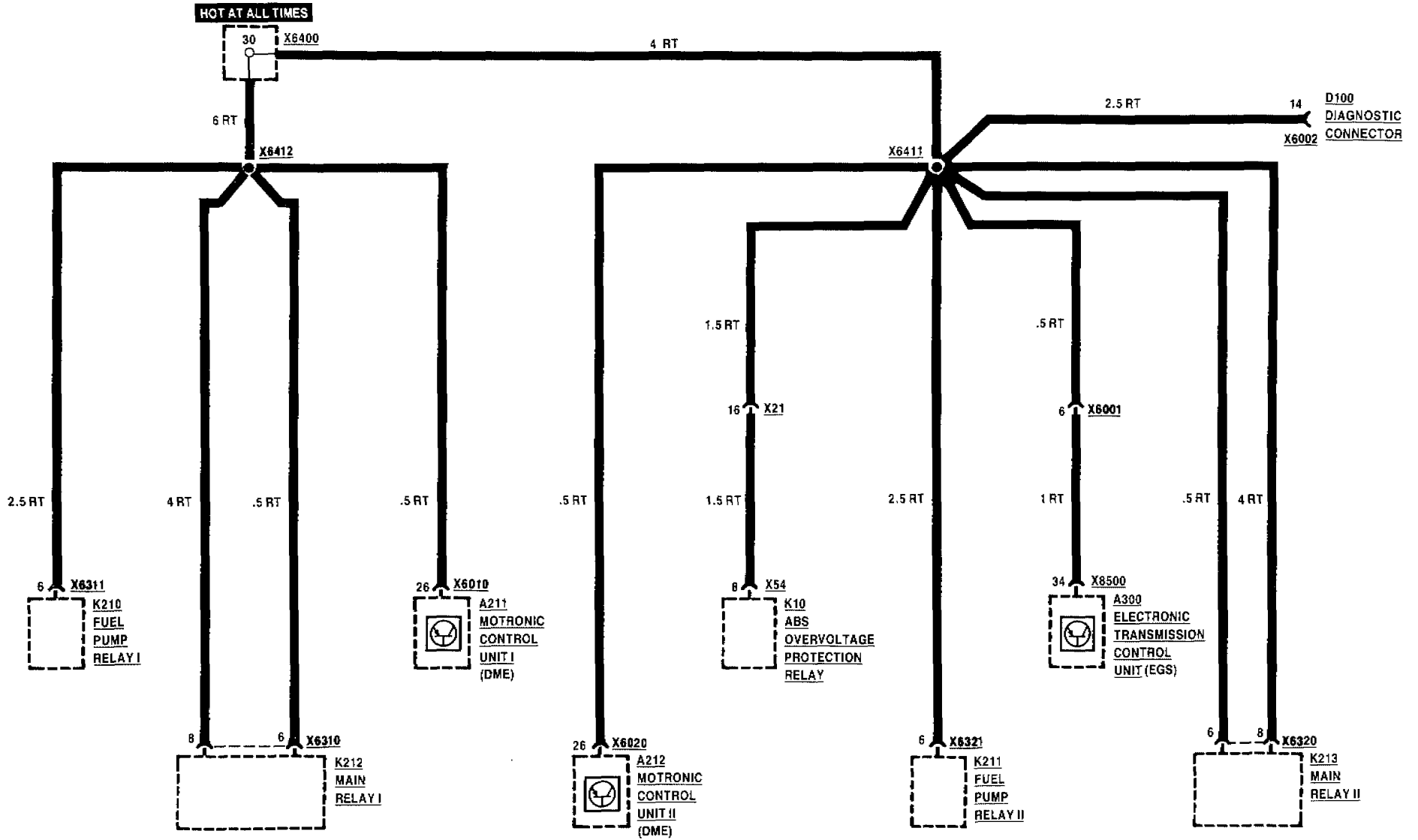




DIAGNOSTIC LINK

DIAGNOSTIC CONNECTOR Pin 14

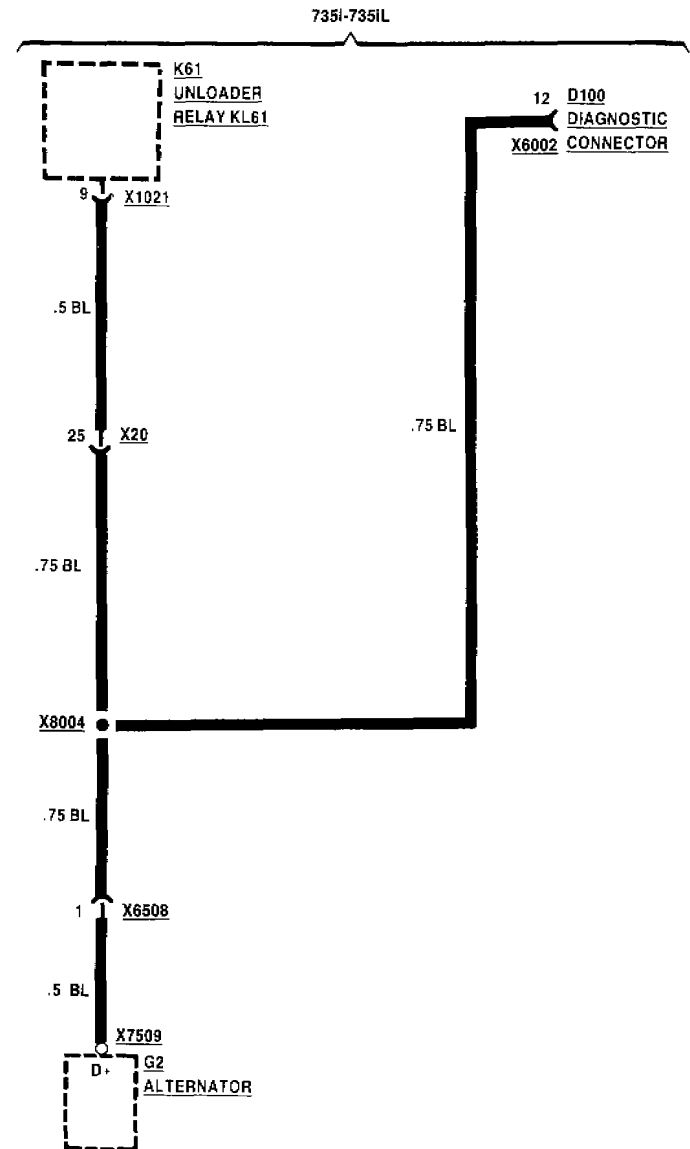
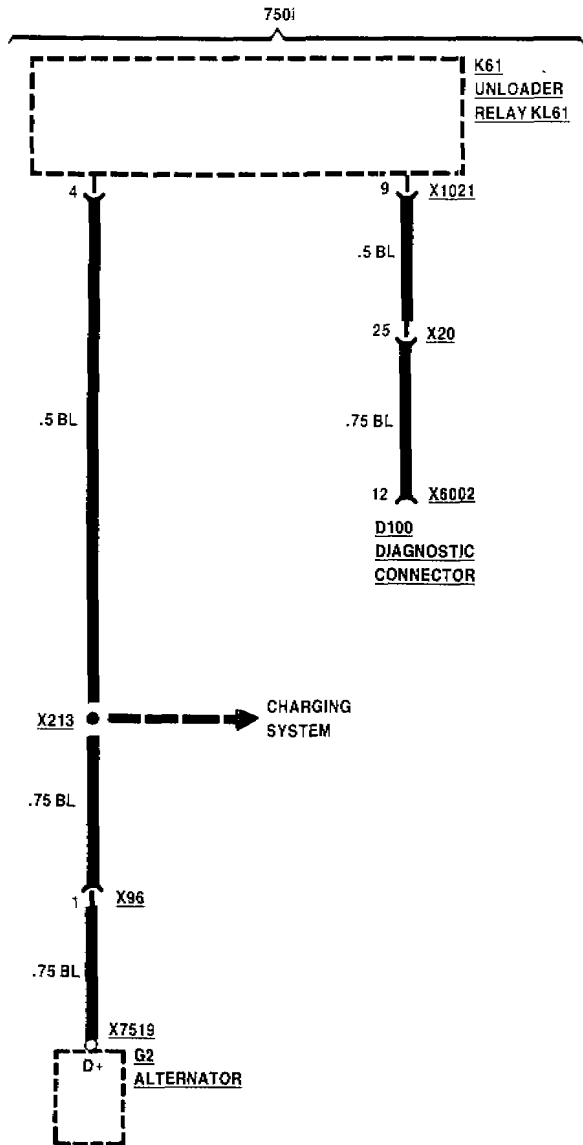
750iL





DIAGNOSTIC LINK

DIAGNOSTIC CONNECTOR Pin 12

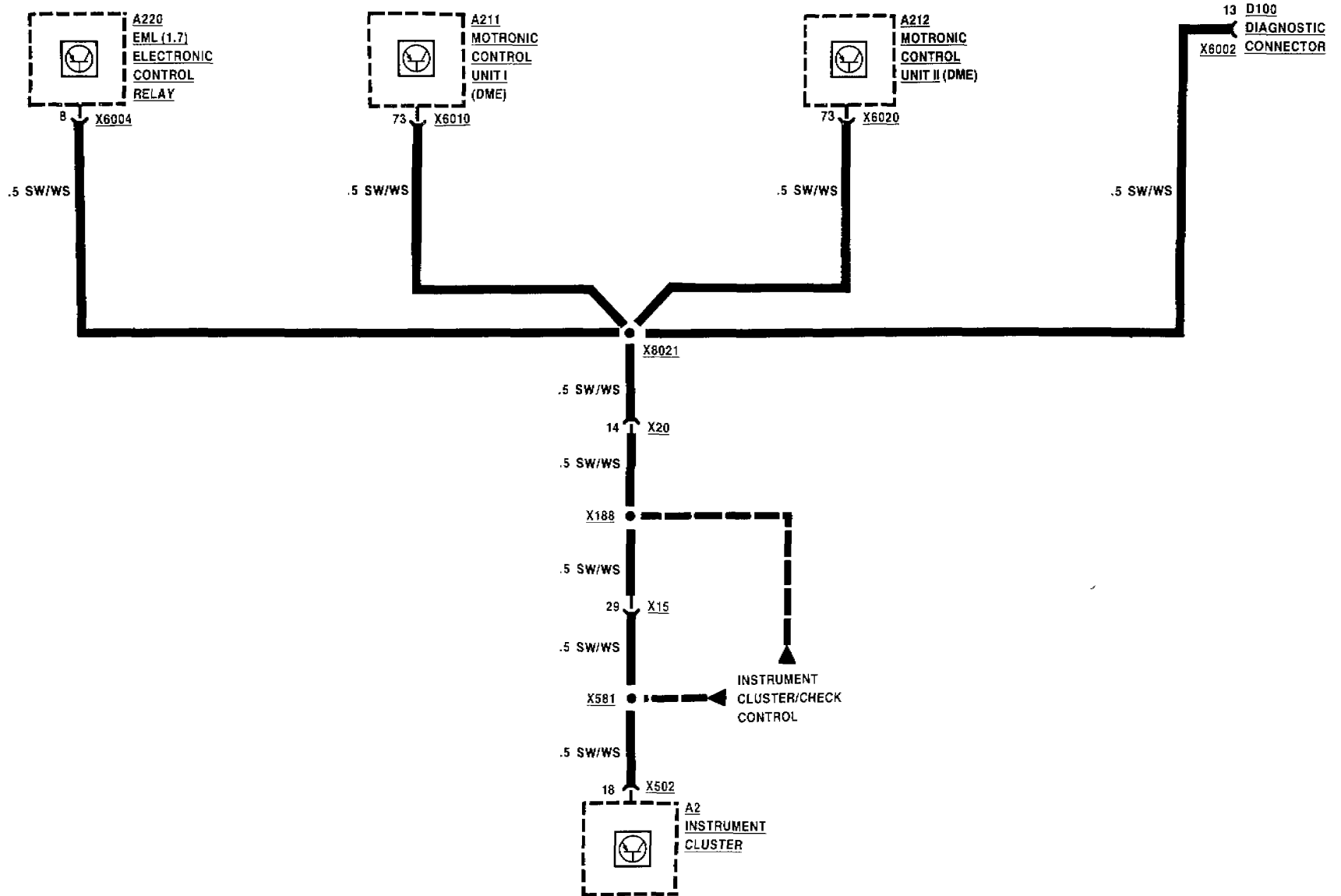




DIAGNOSTIC LINK

750i

DIAGNOSTIC CONNECTOR Pin 13



03/92

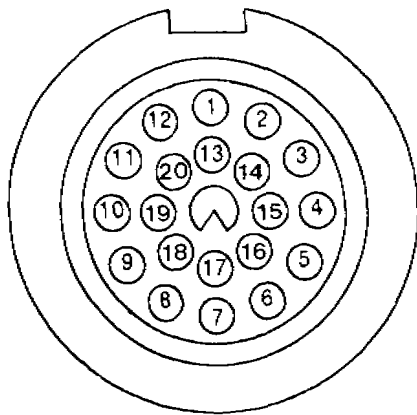
0680-22

1991



DIAGNOSTIC LINK

DIAGNOSTIC CONNECTOR (X6002)

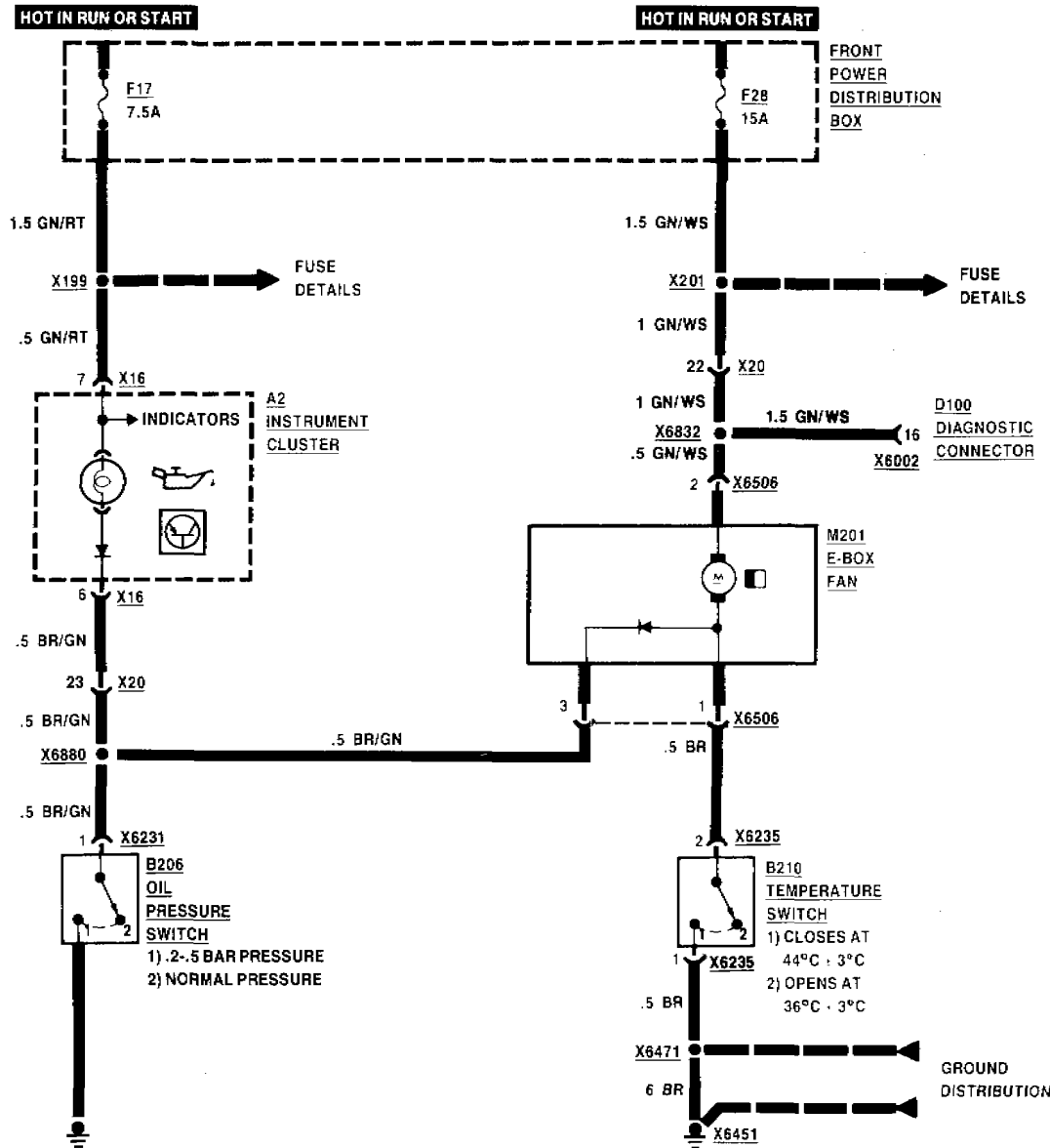


| PIN NUMBER | TERMINAL NUMBER | TERMINAL DESCRIPTION | WIRE 735i-735iL | COLOR 750i |
|------------|-----------------|-----------------------------------|-----------------|------------|
| 1 | 1 | IGNITION COIL | SW | SW |
| 2 | — | NOT USED | | |
| 3 | — | NOT USED | | |
| 4 | — | NOT USED | | |
| 5 | — | NOT USED | | |
| 6 | — | NOT USED | | |
| 7 | SI | SERVICE | WS/GN | WS/GN |
| 8 | — | NOT USED | | |
| 9 | — | NOT USED | | |
| 10 | — | NOT USED | | |
| 11 | 50 | VOLTAGE: IGNITION SWITCH IN START | SW/GE | SW/GE |
| 12 | 61 (D+) | ALTERNATOR CHARGE INDICATOR | BL | BL |
| 13 | TAS | VEHICLE SPEED (750iL ONLY) | | SW/WS |
| 14 | 30 | VOLTAGE: HOT AT ALL TIMES | RT | RT |
| 15 | RXD | DIAGNOSTIC DATALINK | WS/GE | WS/GE |
| 16 | 15S | VOLTAGE: IGNITION SWITCH IN RUN | GN/WS | GN/WS |
| 17 | — | NOT USED | | |
| 18 | — | DME-PROGRAM CONNECT | GN/BL | GN/BL |
| 19 | 31 | GROUND | BR | BR |
| 20 | TXD | TRANSMIT | WS/VI | WS/VI |



E-BOX FAN

735i, 735iL WITH EML



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

03/92

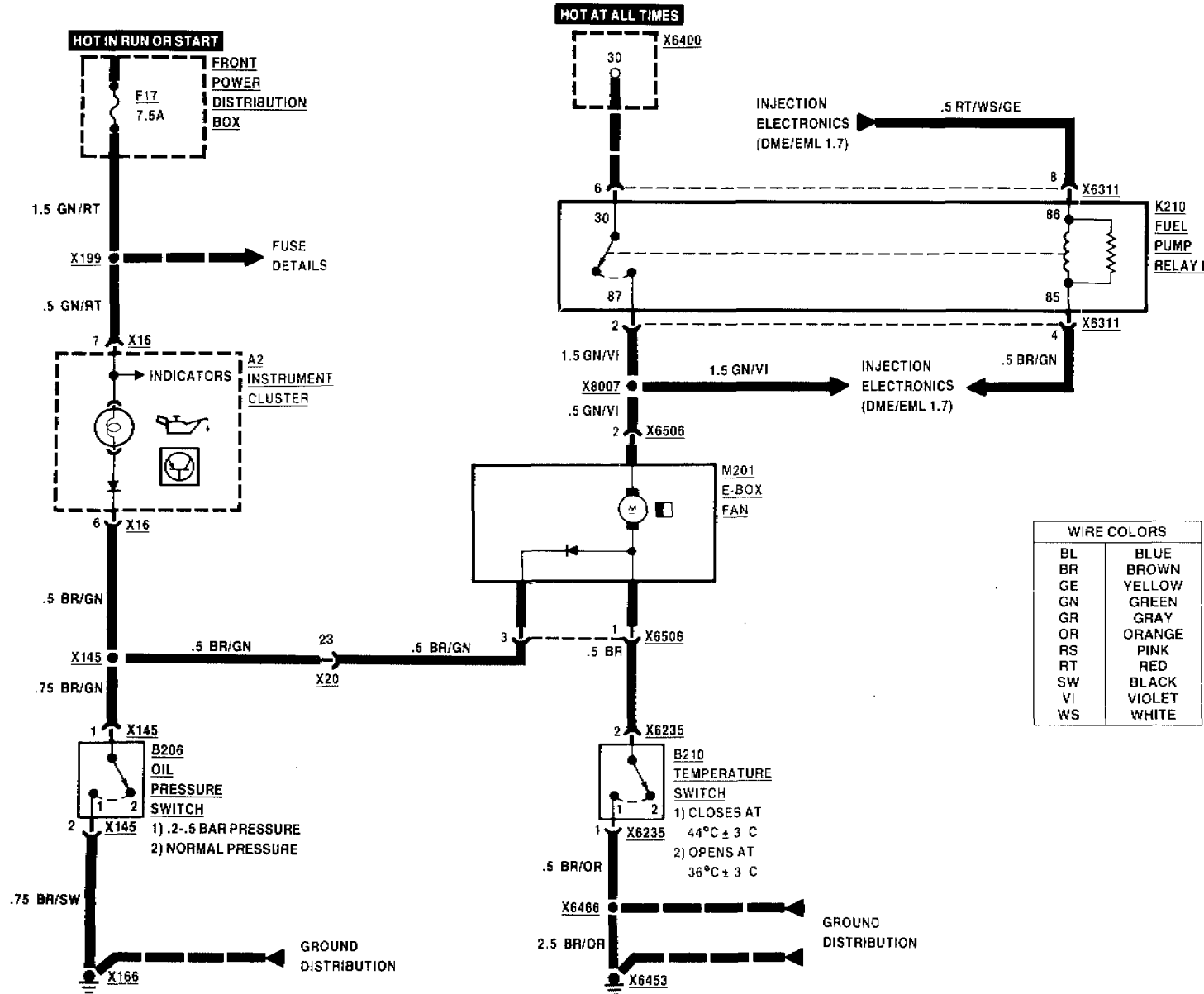
0690-00

1991



E-BOX FAN

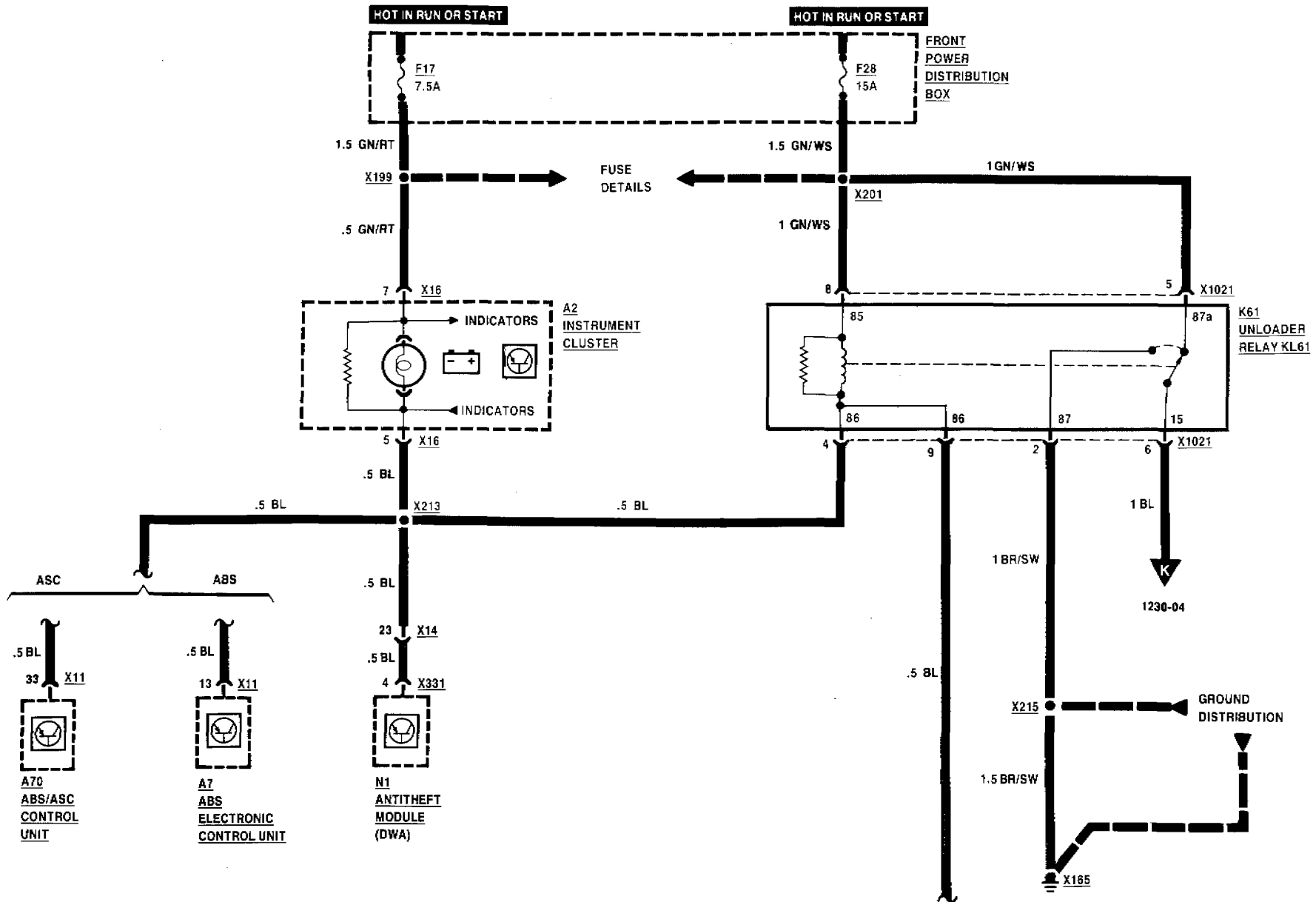
750iL





CHARGING SYSTEM

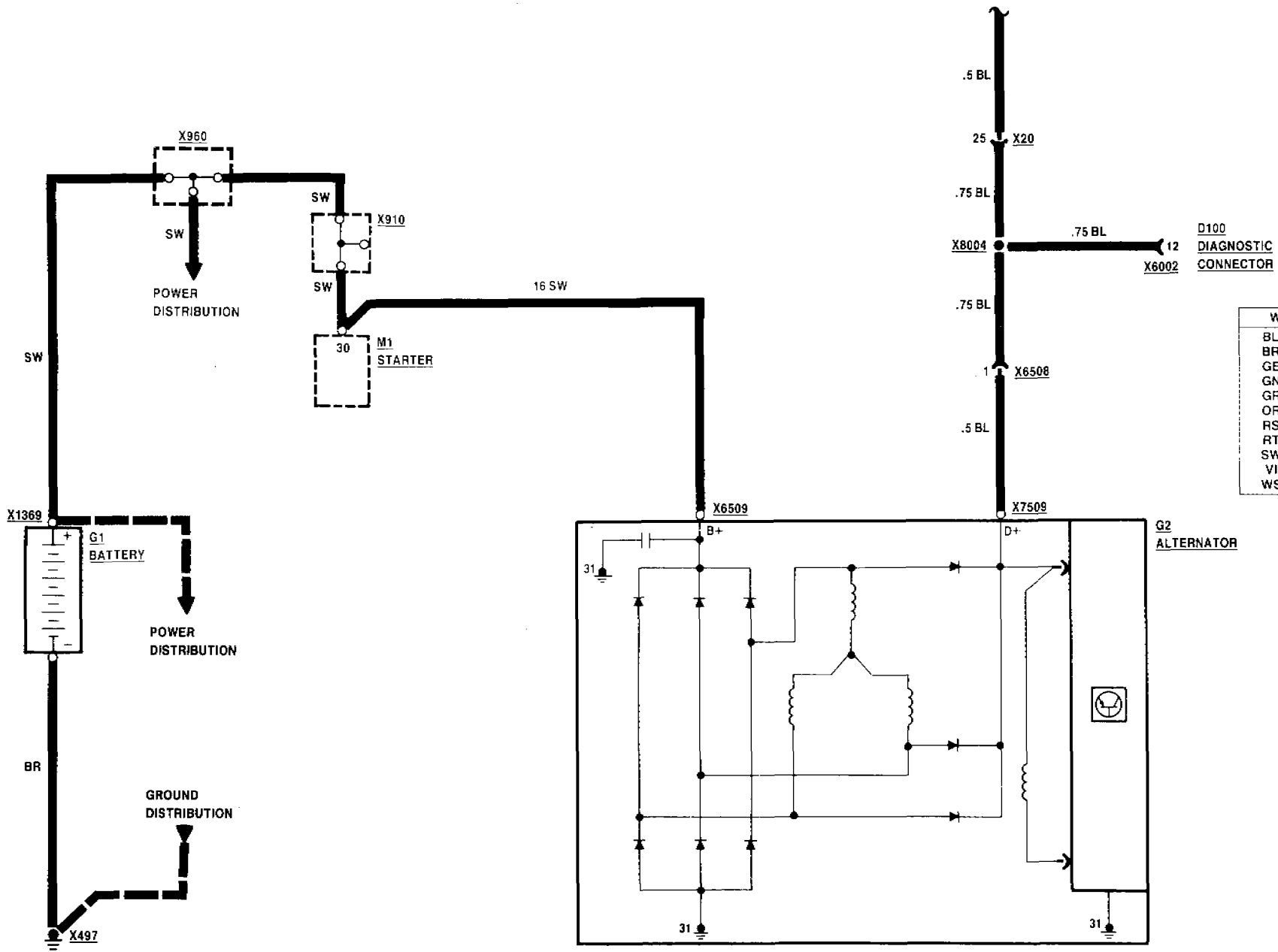
735i, 735iL

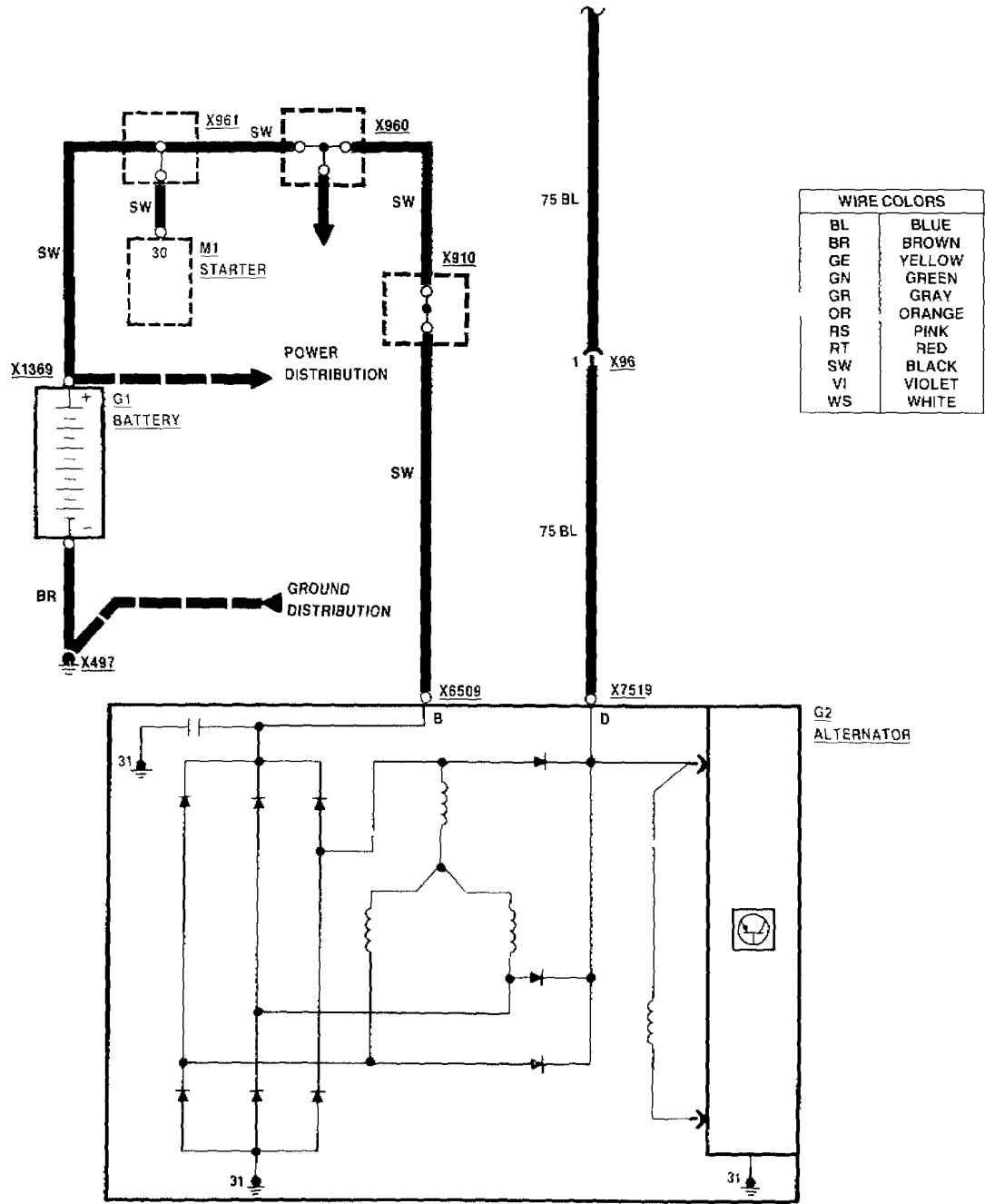


03/92

1230-00

1991

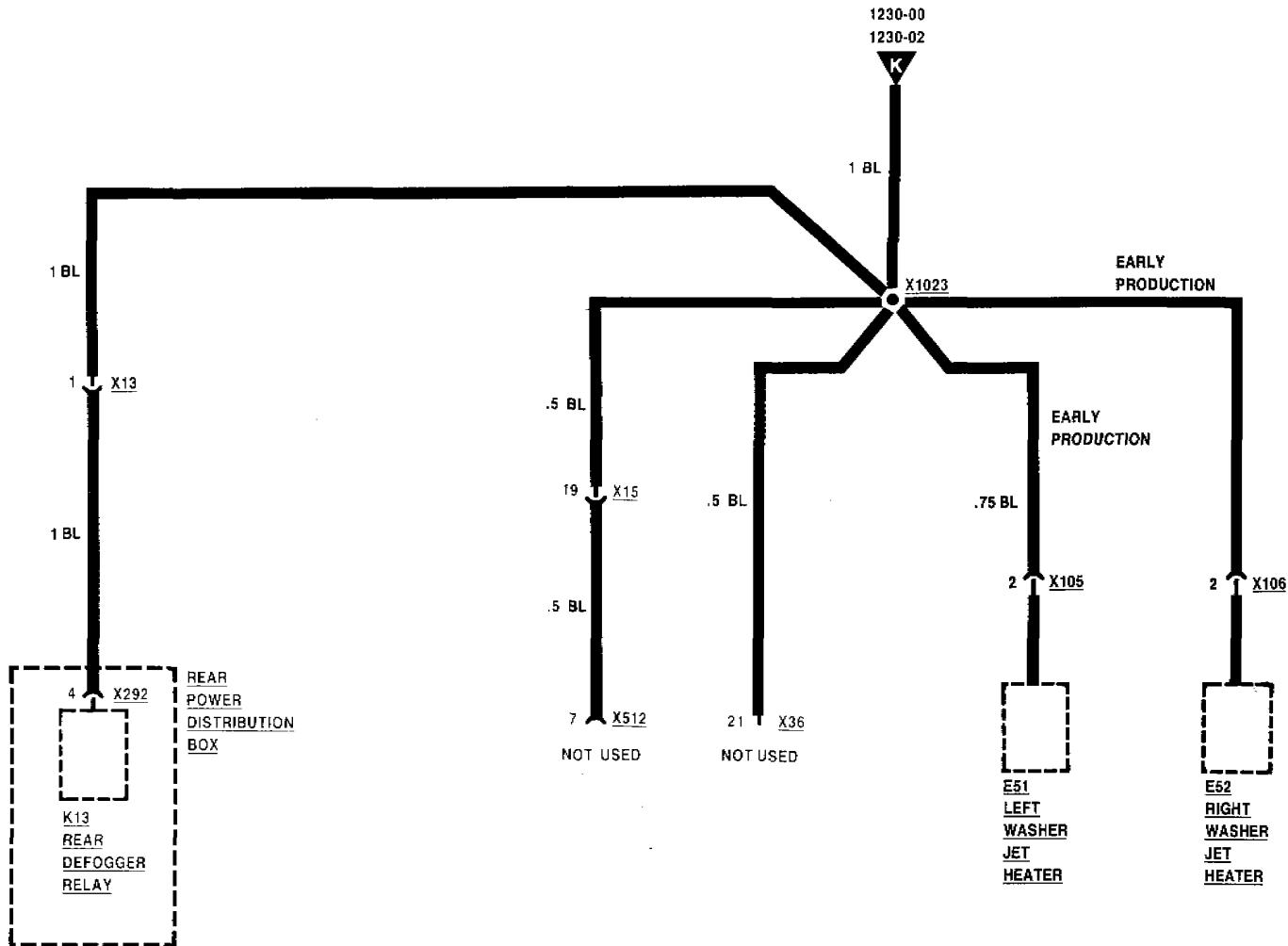




| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



CHARGING SYSTEM

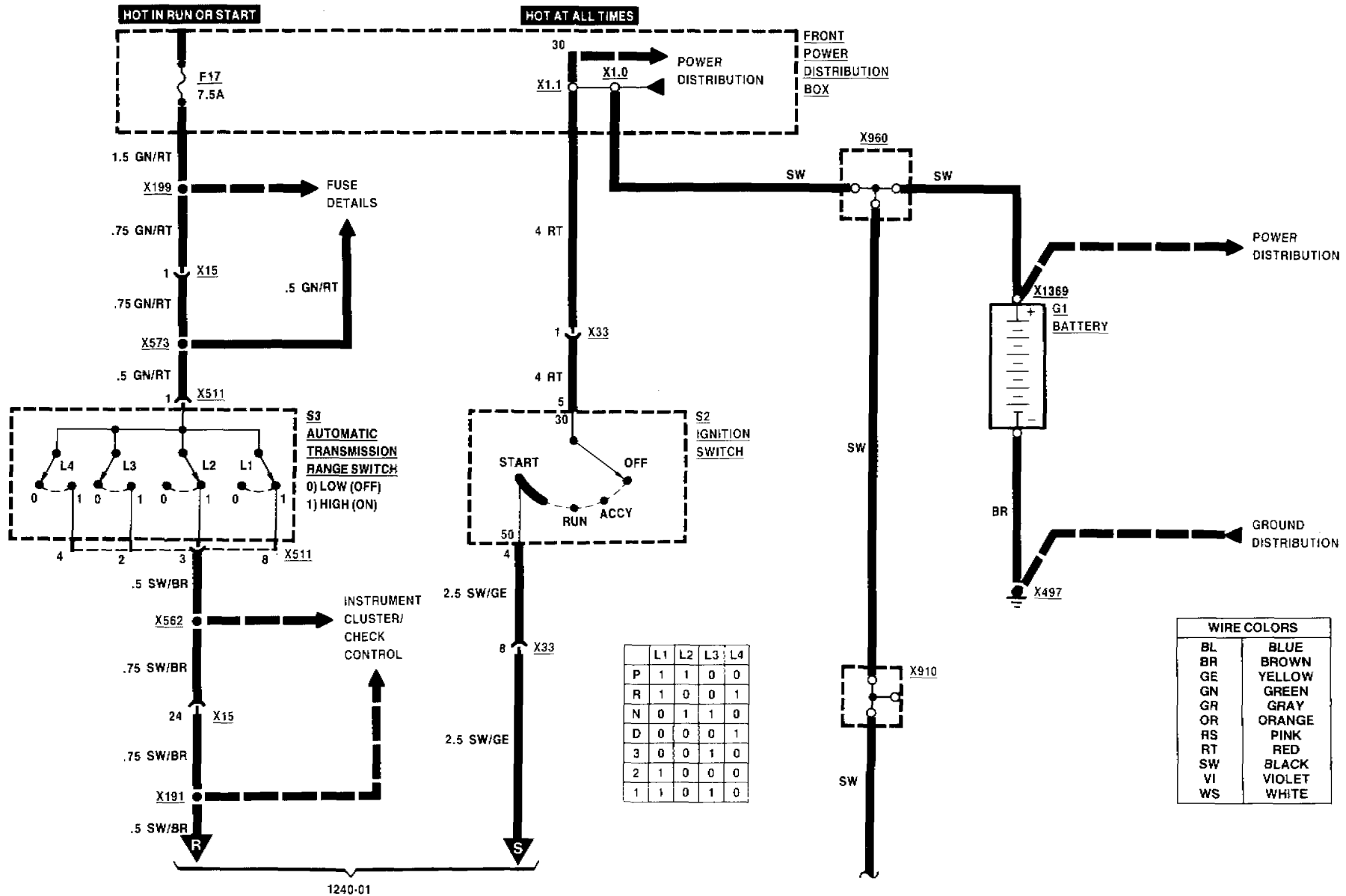


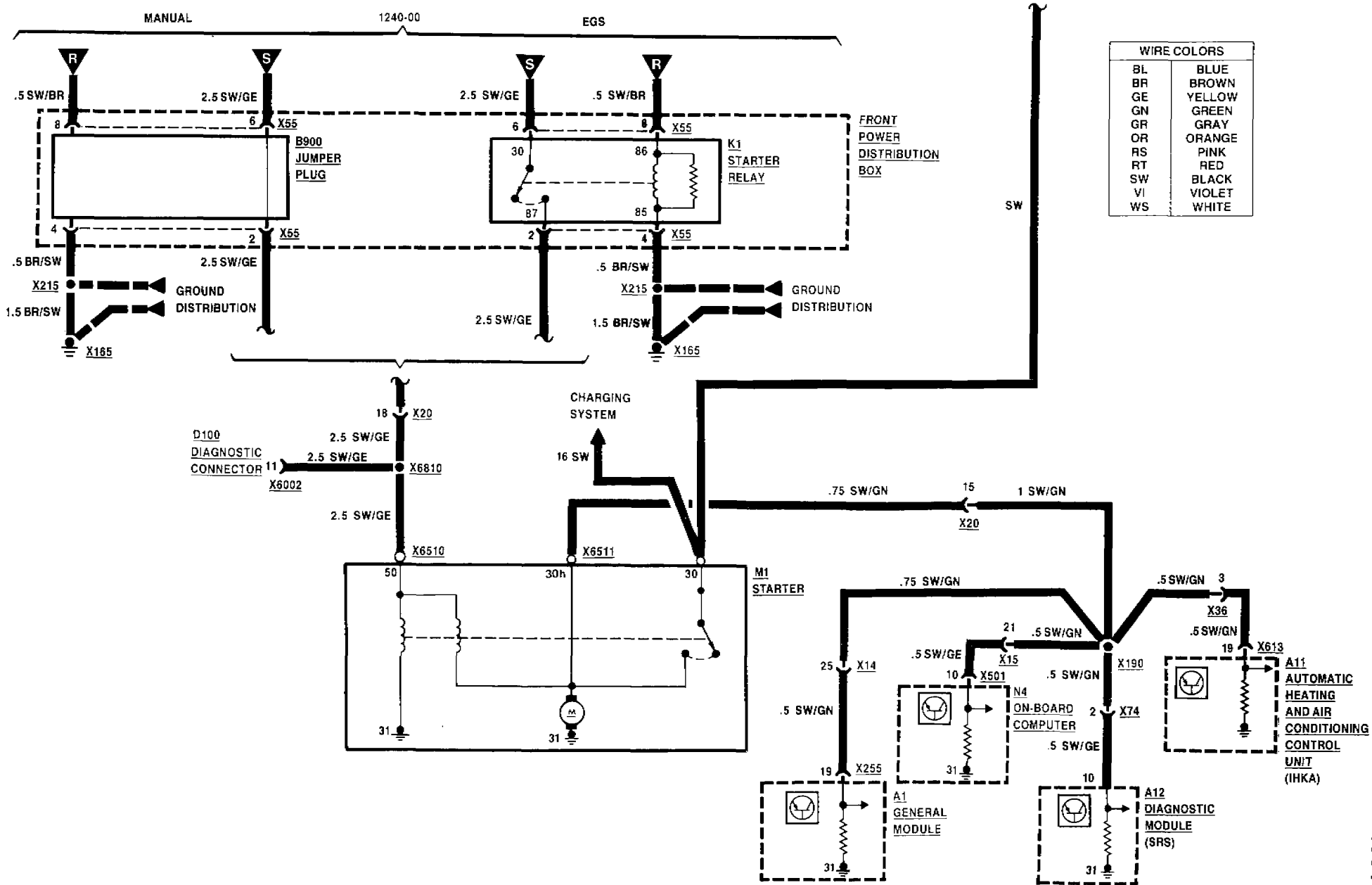
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

03/92

1230-04

1991

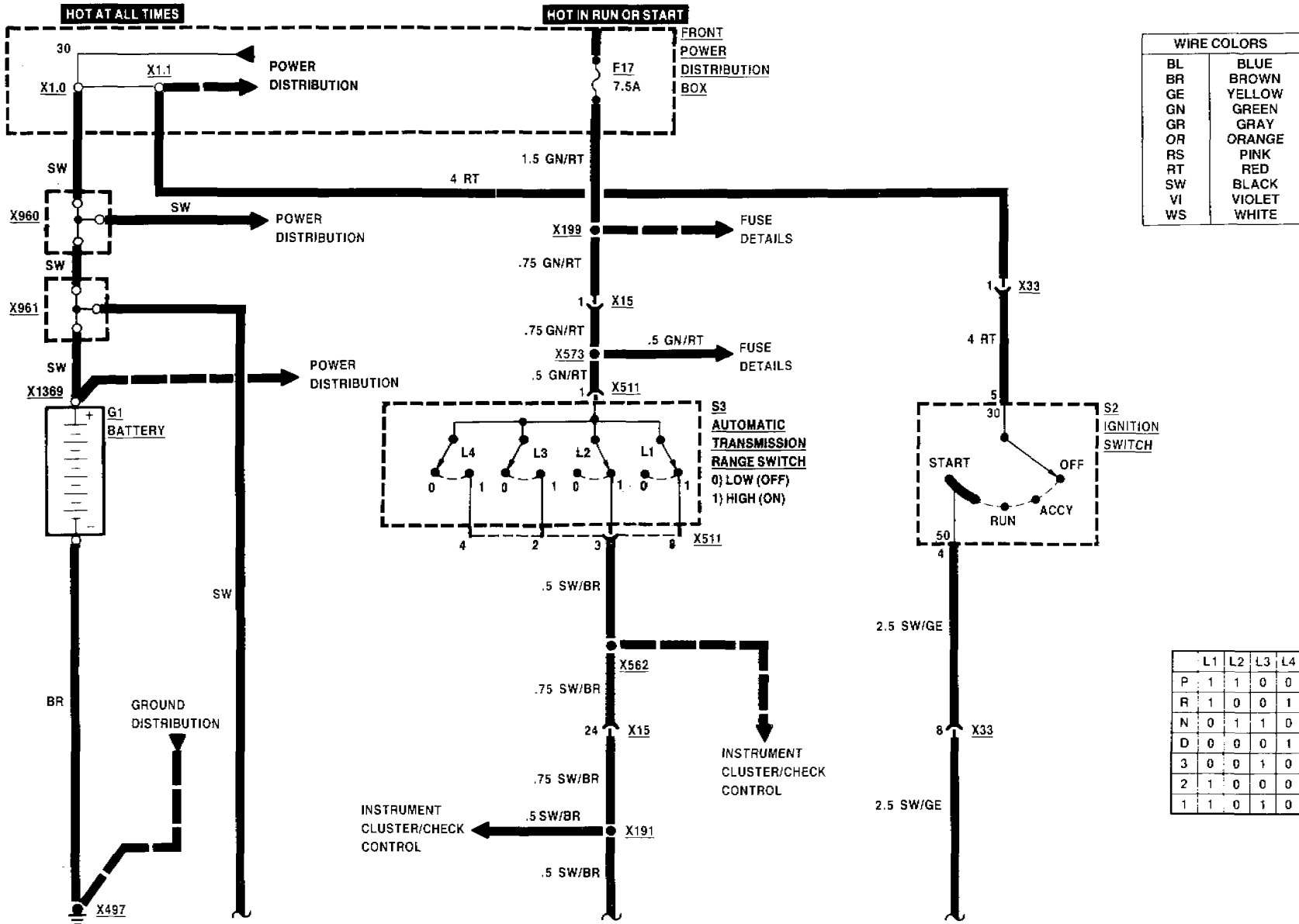




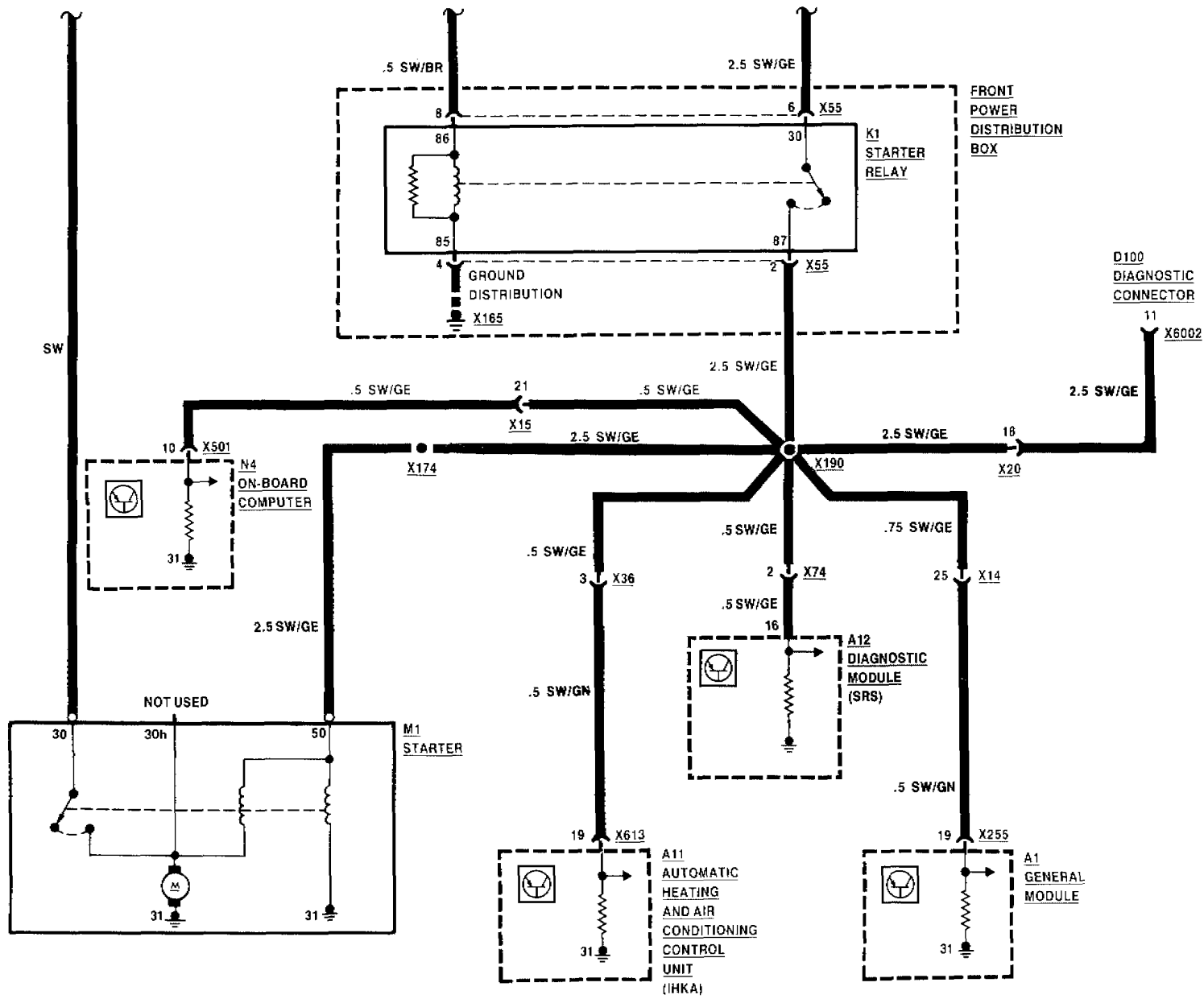


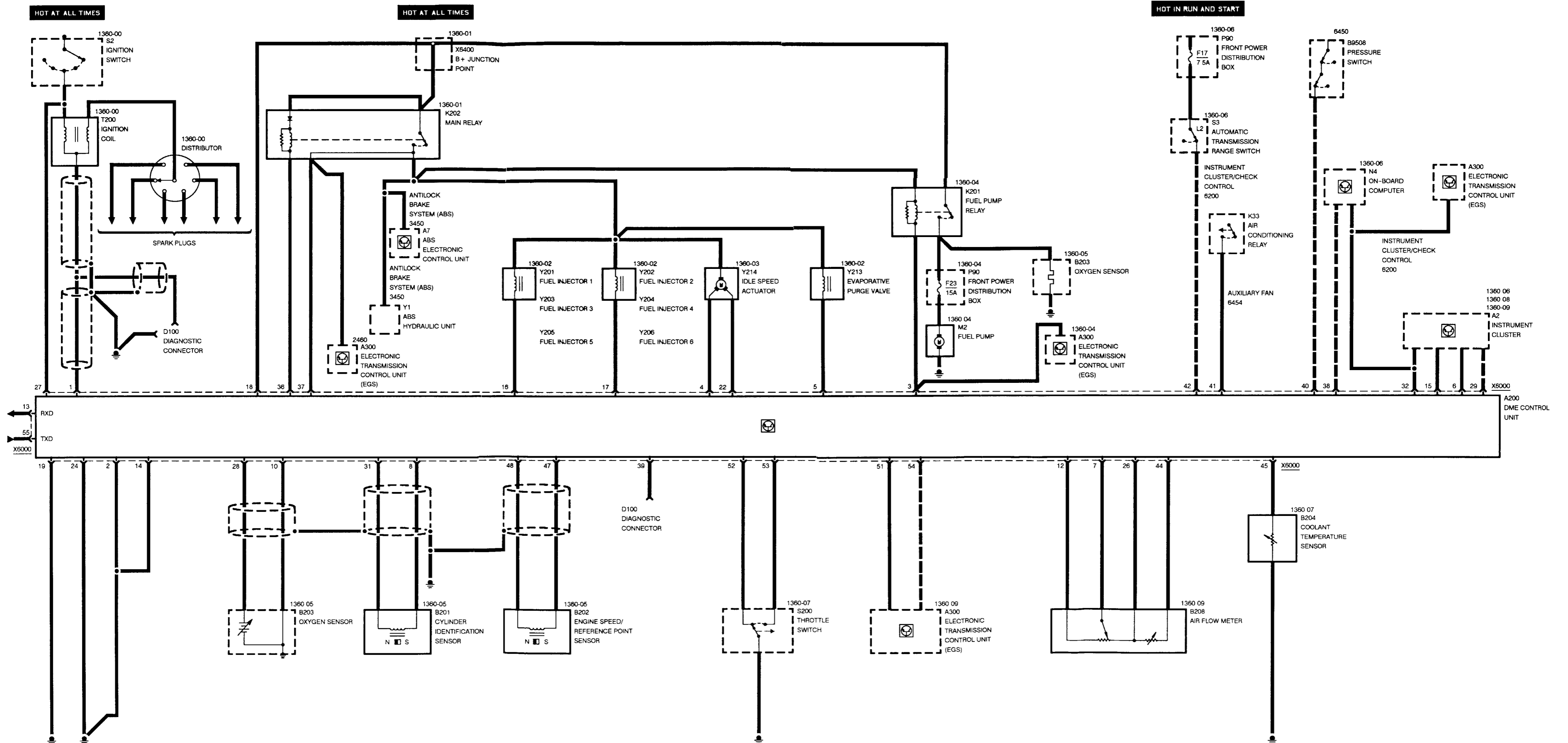
START

750iL



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



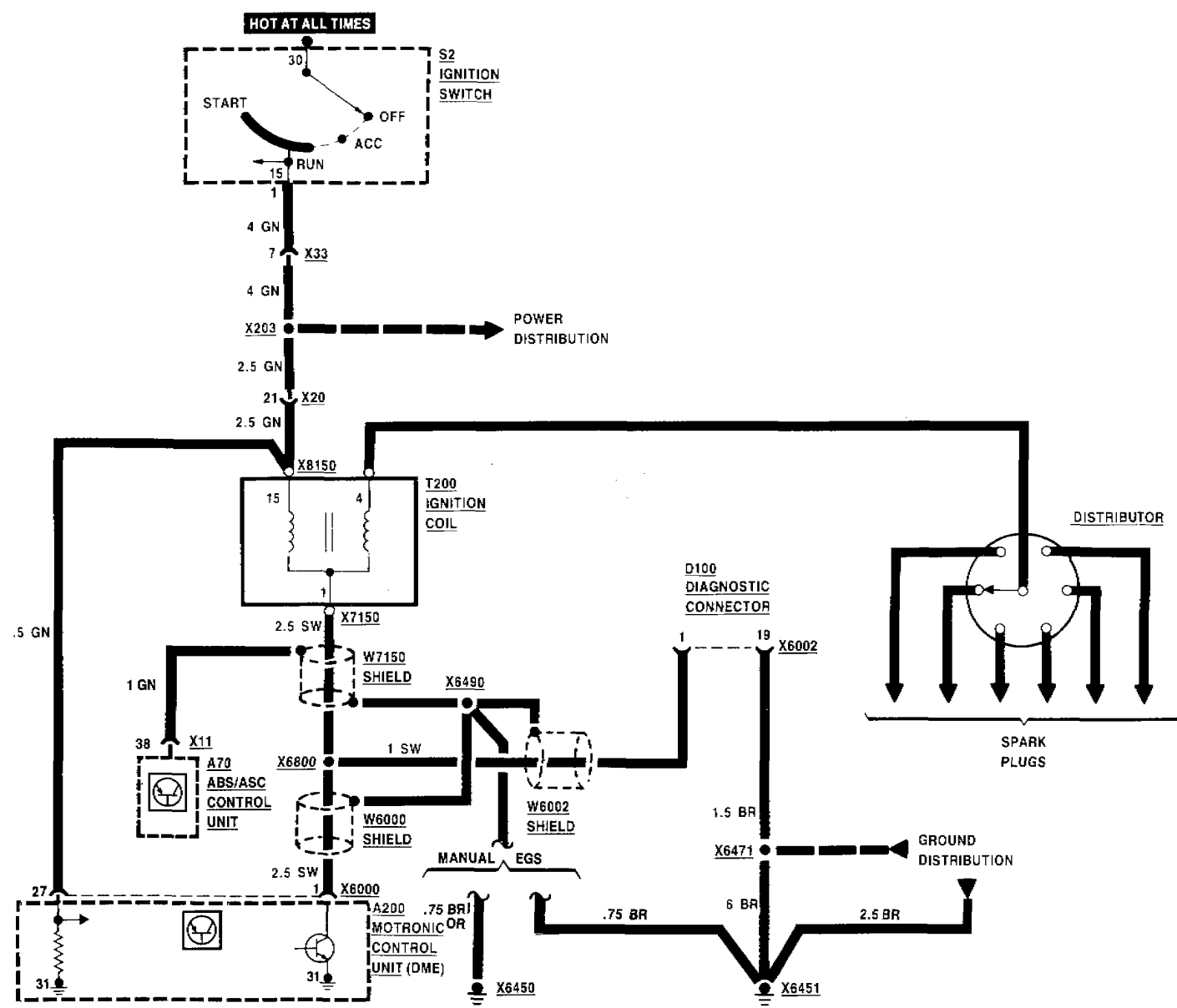




INJECTION ELECTRONICS (DME 1.3)

735i, 735iL

03/92
1360-00
1991

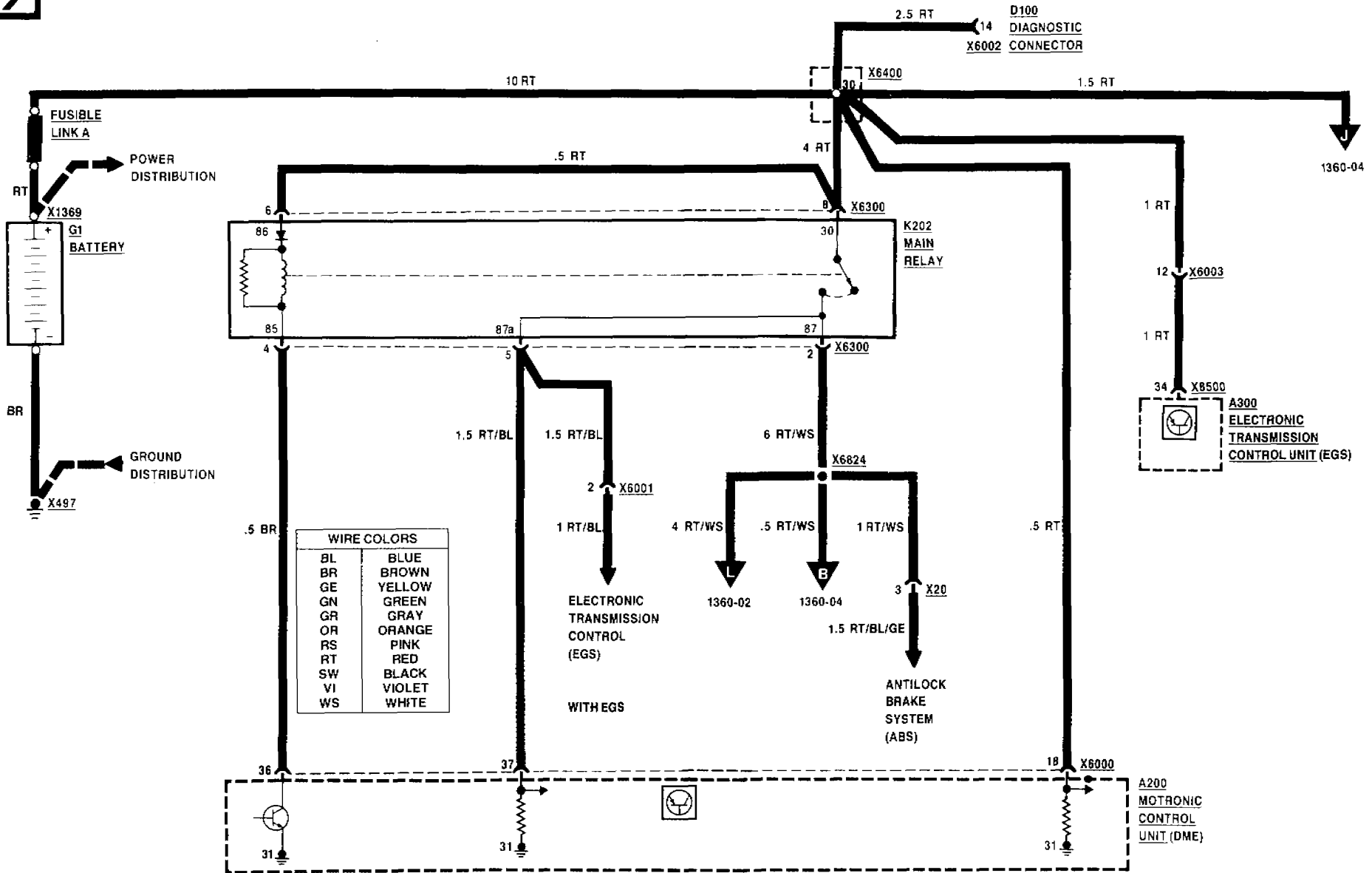


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



INJECTION ELECTRONICS (DME 1.3)

735i, 735iL



03 / 92

1360-01

1991

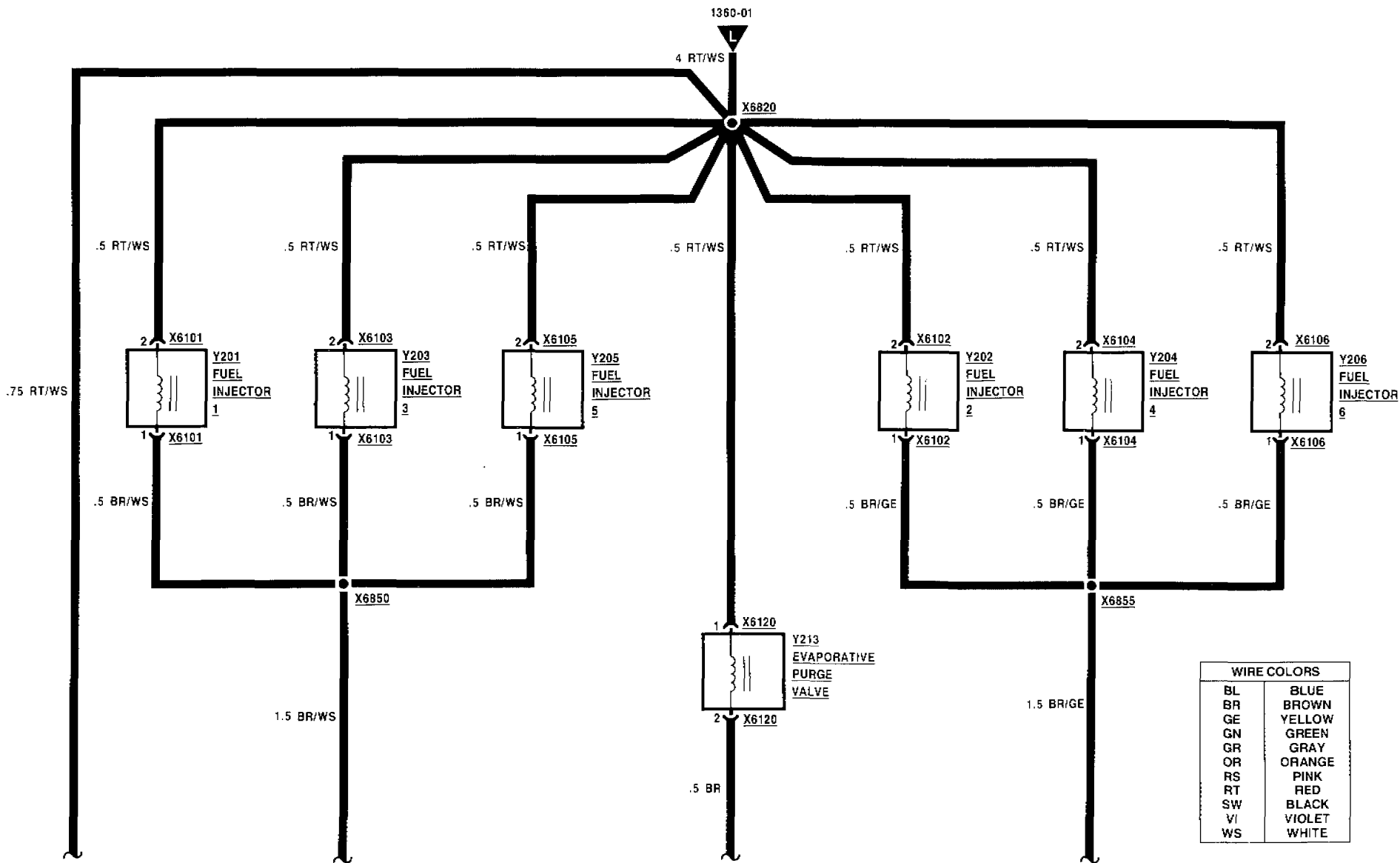


INJECTION ELECTRONICS (DME 1.3)

FUEL INJECTORS

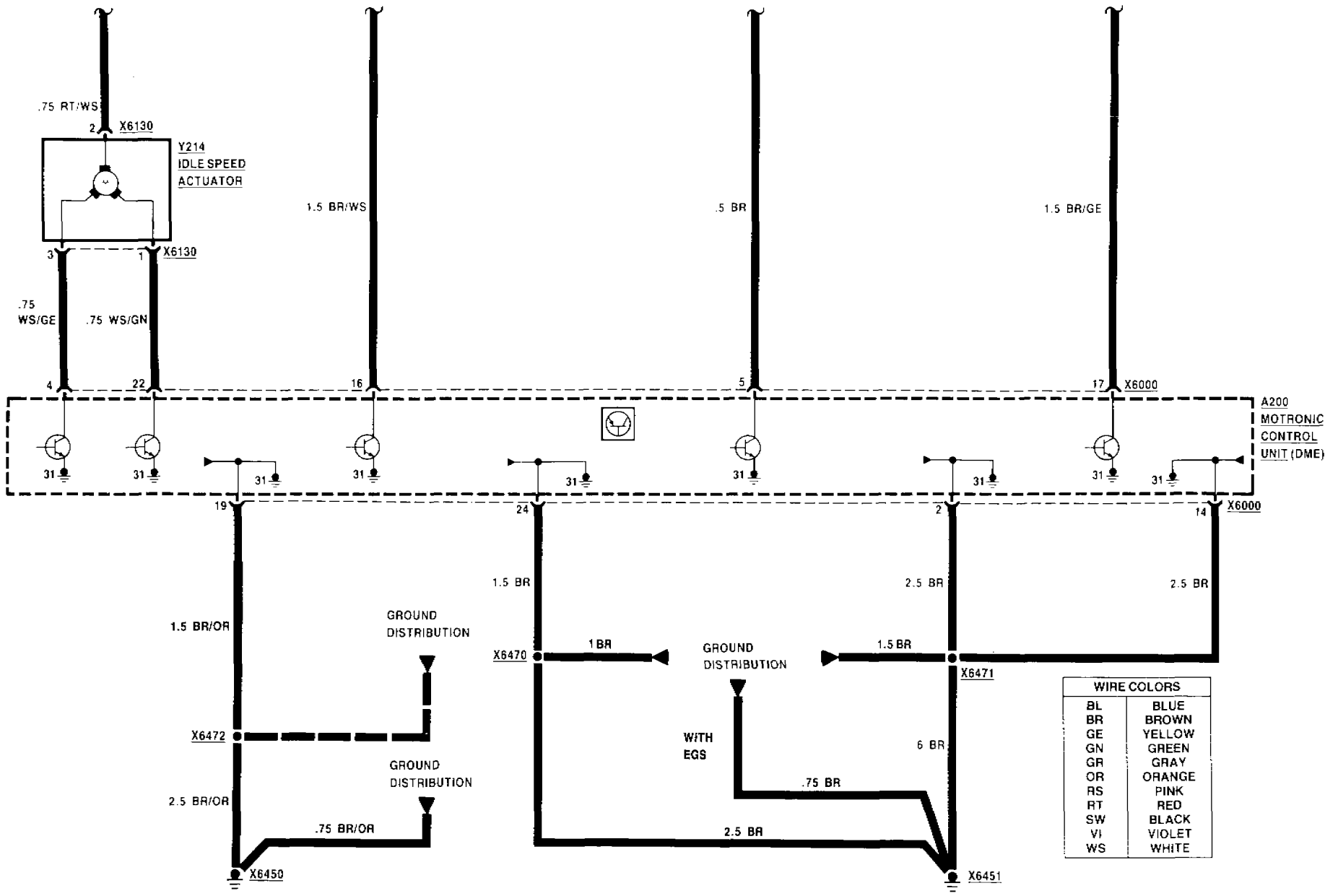
735i, 735iL

10/90



1360-02

1991

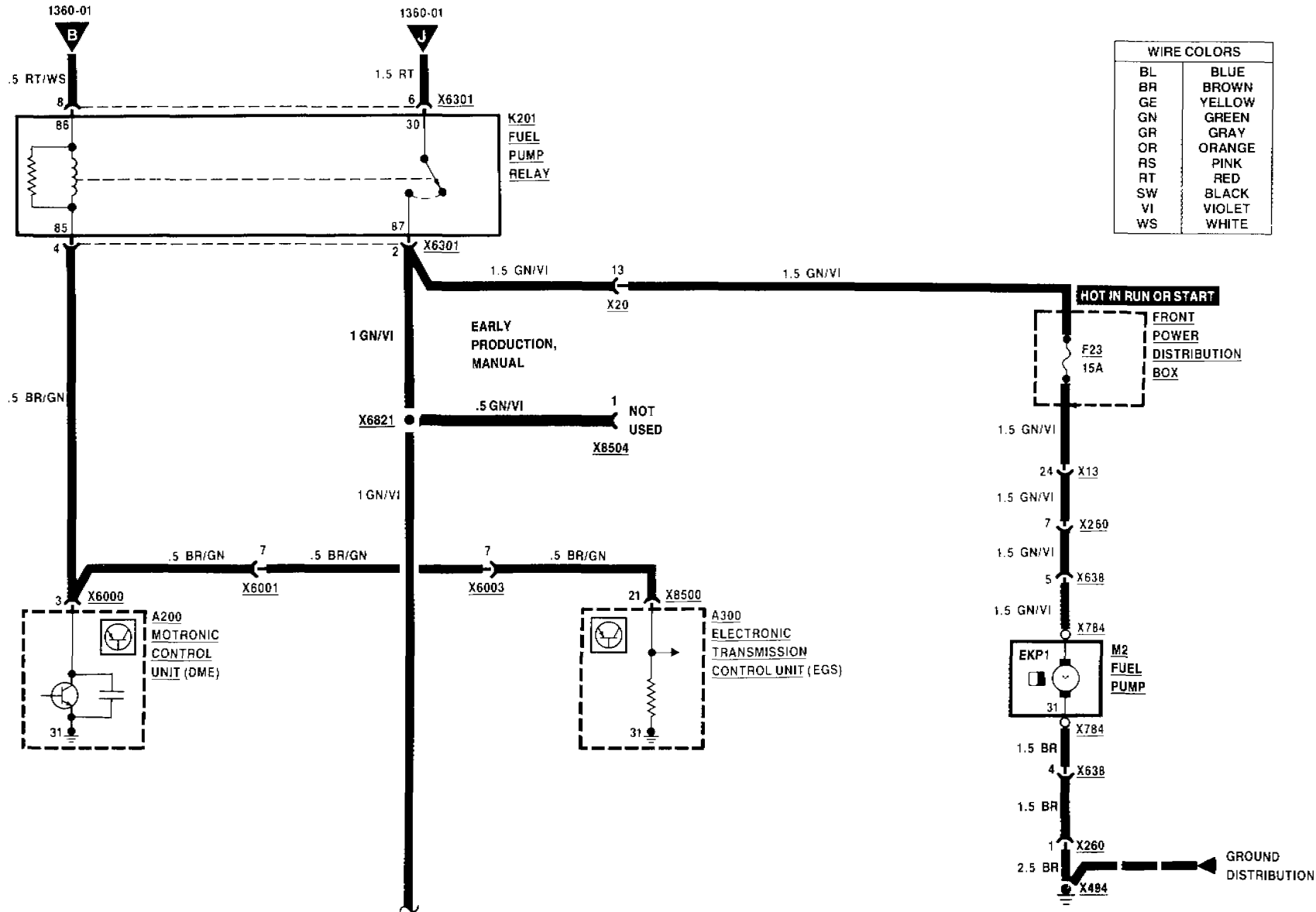


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



INJECTION ELECTRONICS (DME 1.3)

735i, 735iL

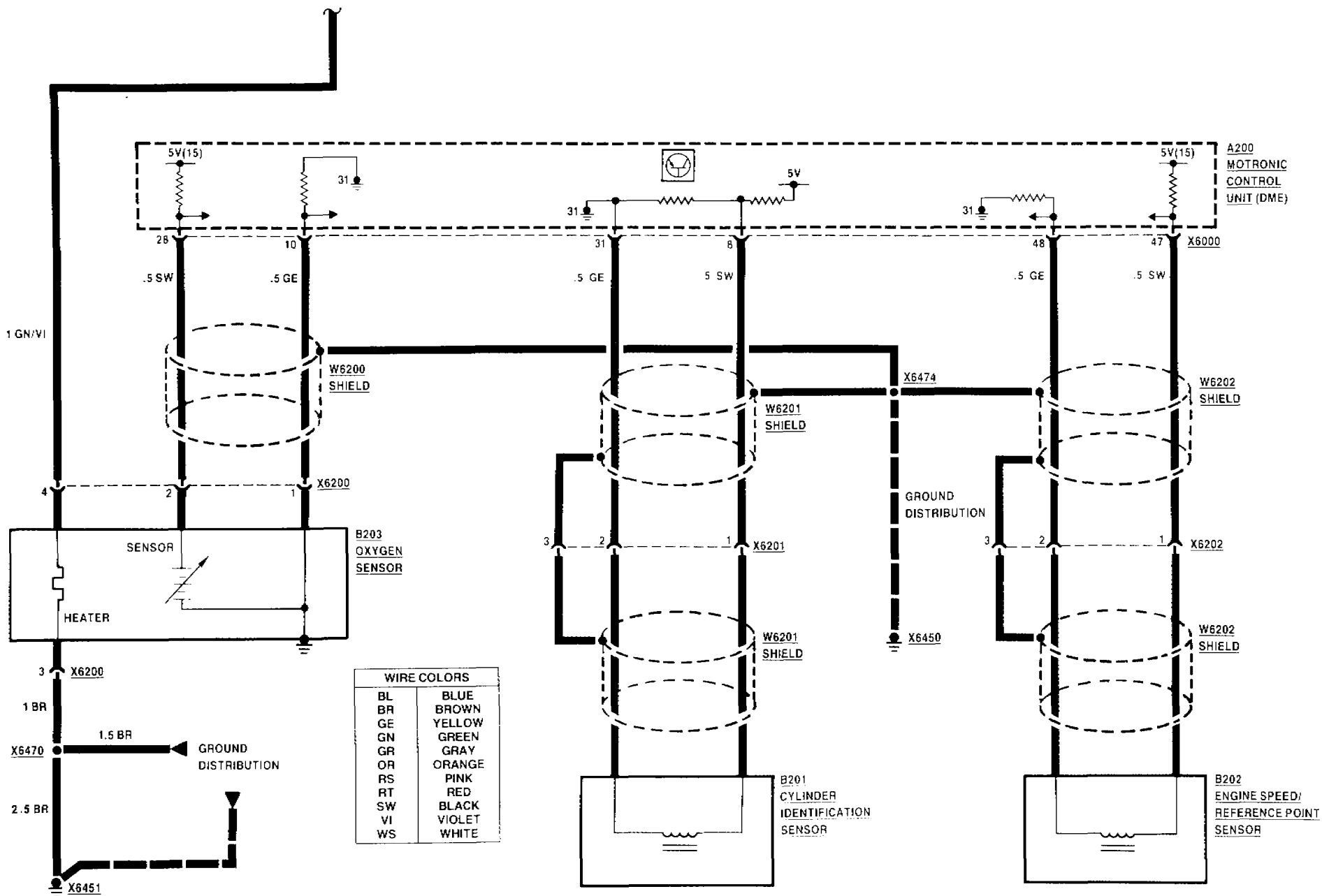


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

03/92

1360-04

1991



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



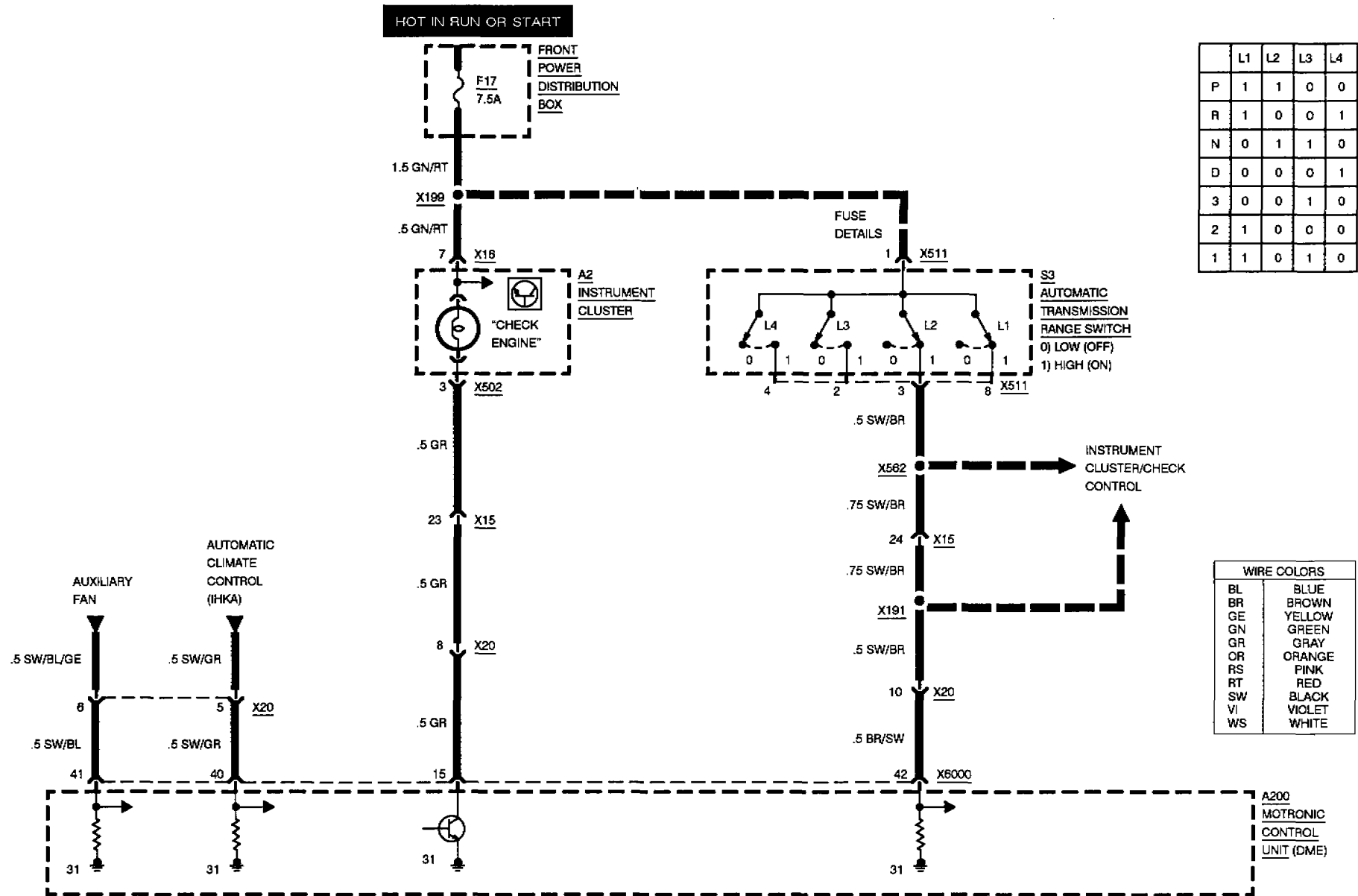
INJECTION ELECTRONICS (DME 1.3)

735i, 735iL

03/92

1360-06

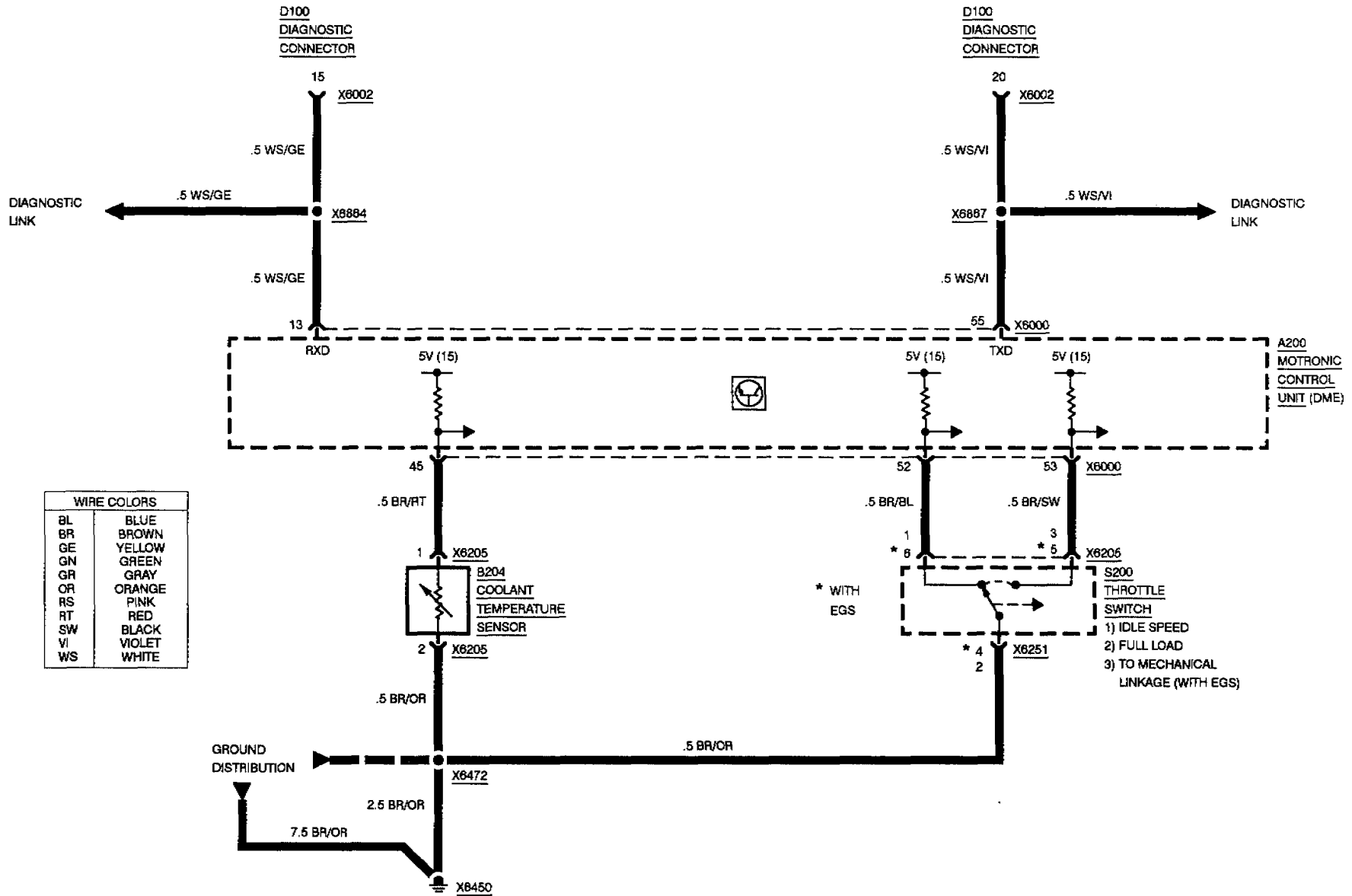
1991





INJECTION ELECTRONICS (DME 1.3)

735i, 735iL

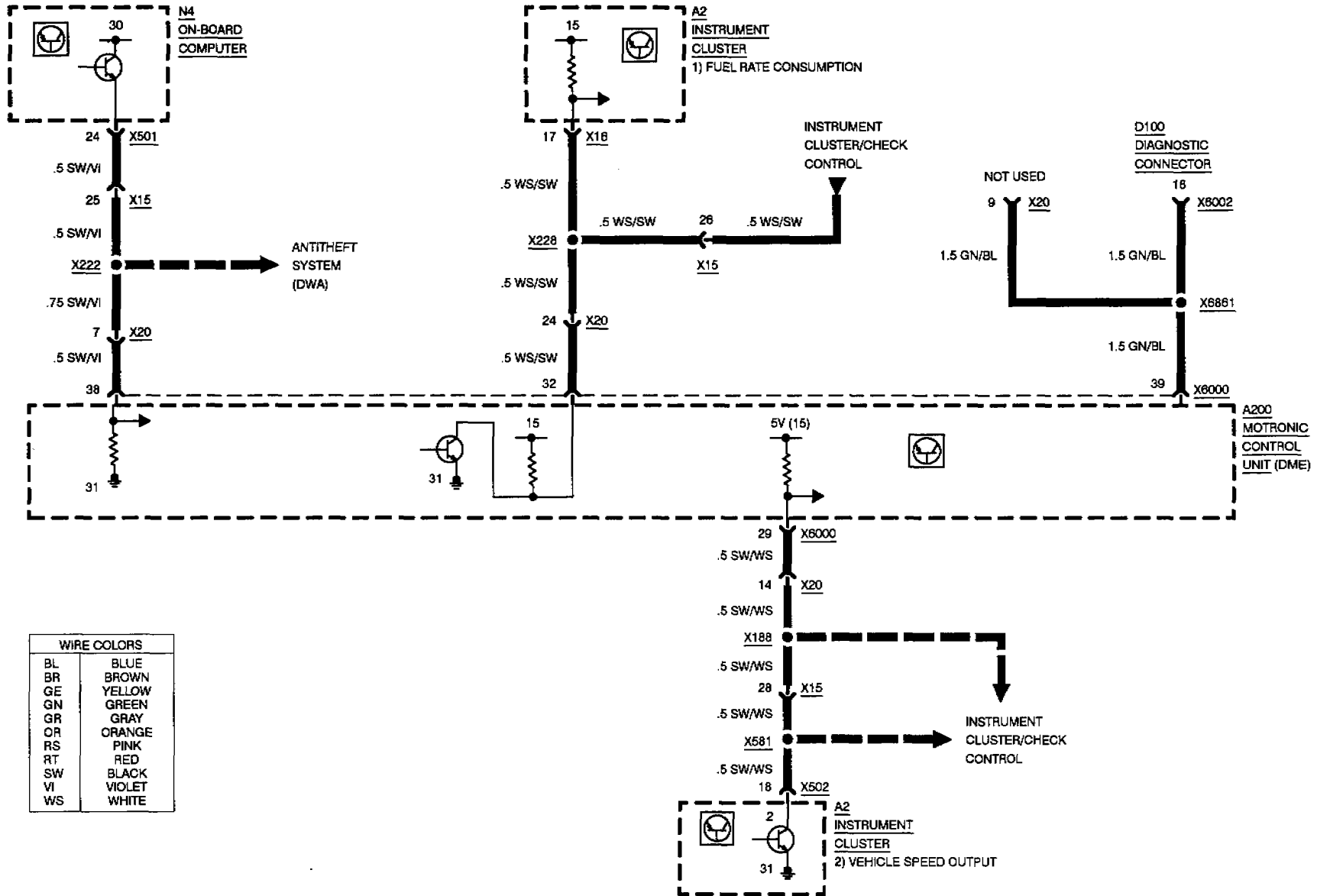


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



INJECTION ELECTRONICS (DME 1.3)

735i, 735iL





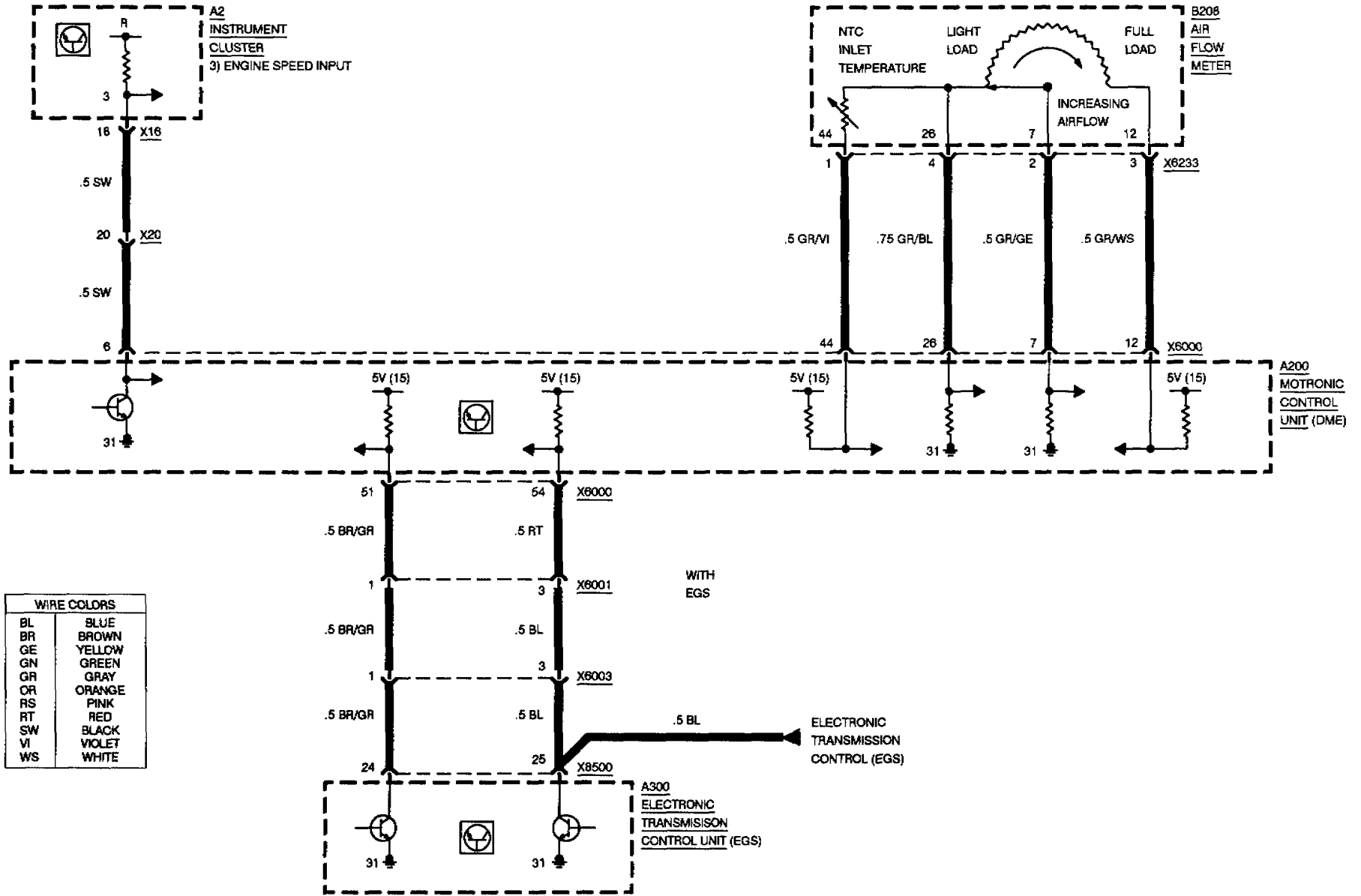
INJECTION ELECTRONICS (DME 1.3)

735i, 735iL

03/92

1360-09

1991

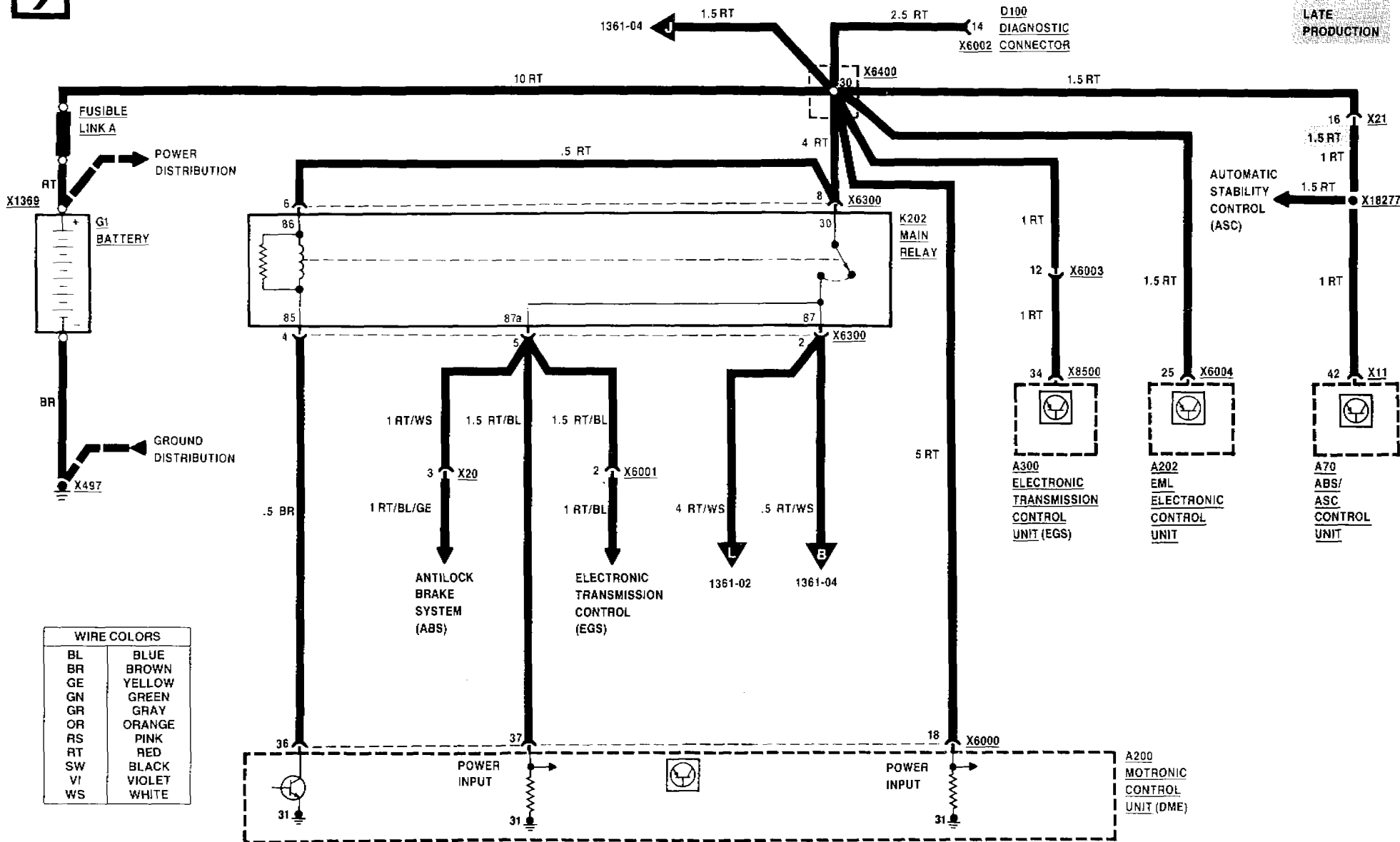




INJECTION ELECTRONICS (DME/EML 1.3)

735i, 735iL

LATE PRODUCTION



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

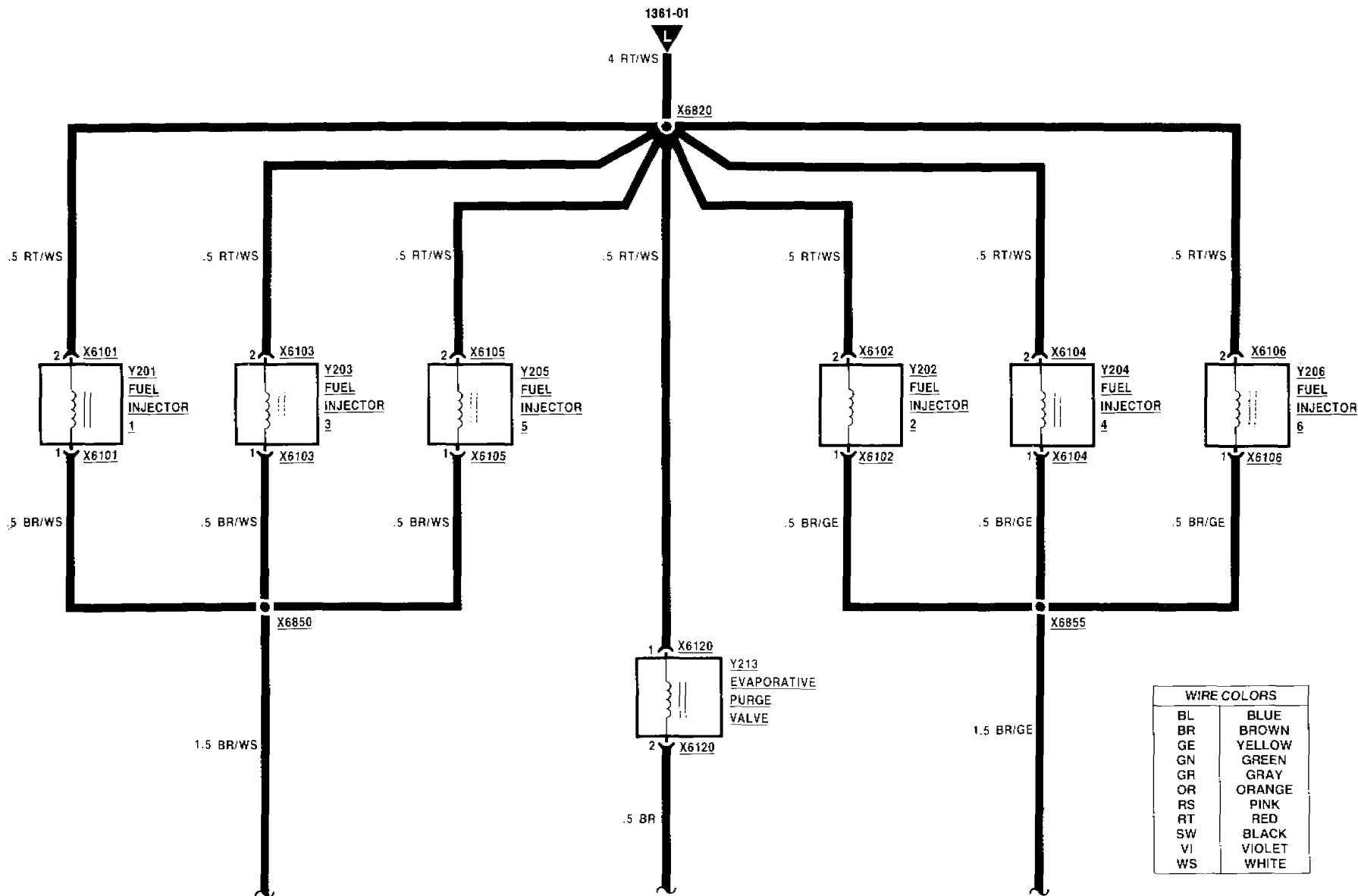
03/92
1361-01
1991



INJECTION ELECTRONICS (DME/EML 1.3)

FUEL INJECTORS

735i, 735iL

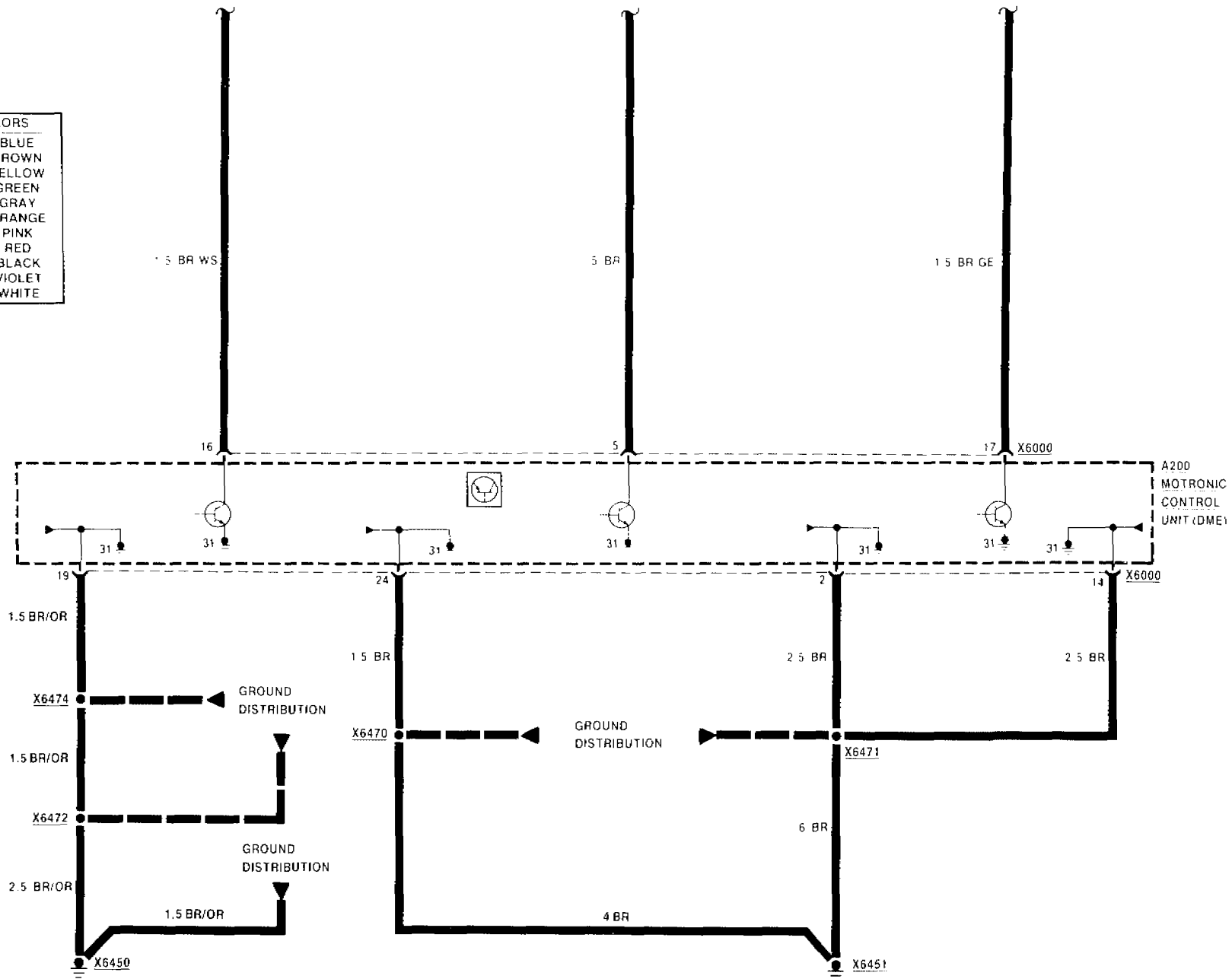


03/92

1361-02

1991

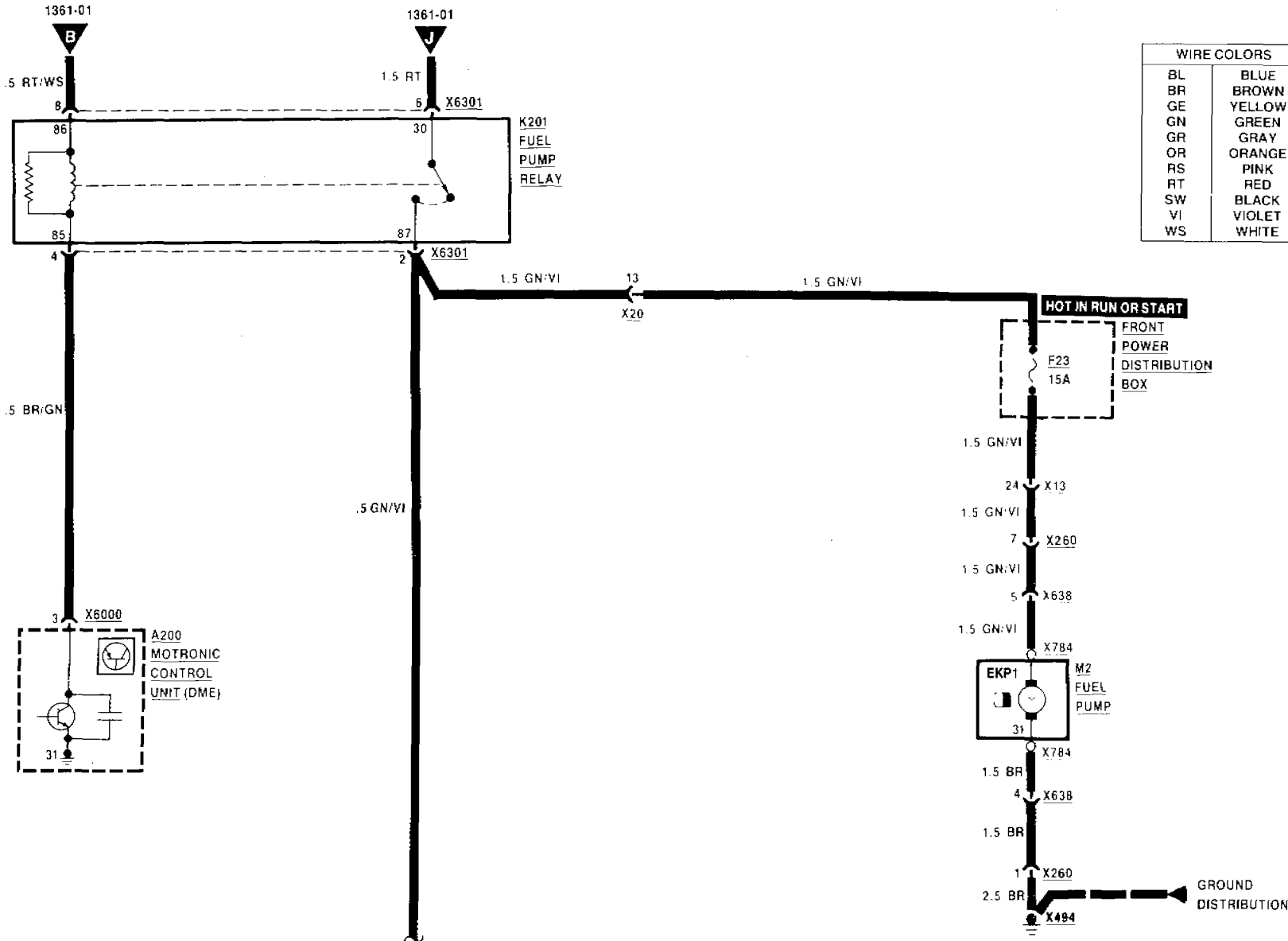
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

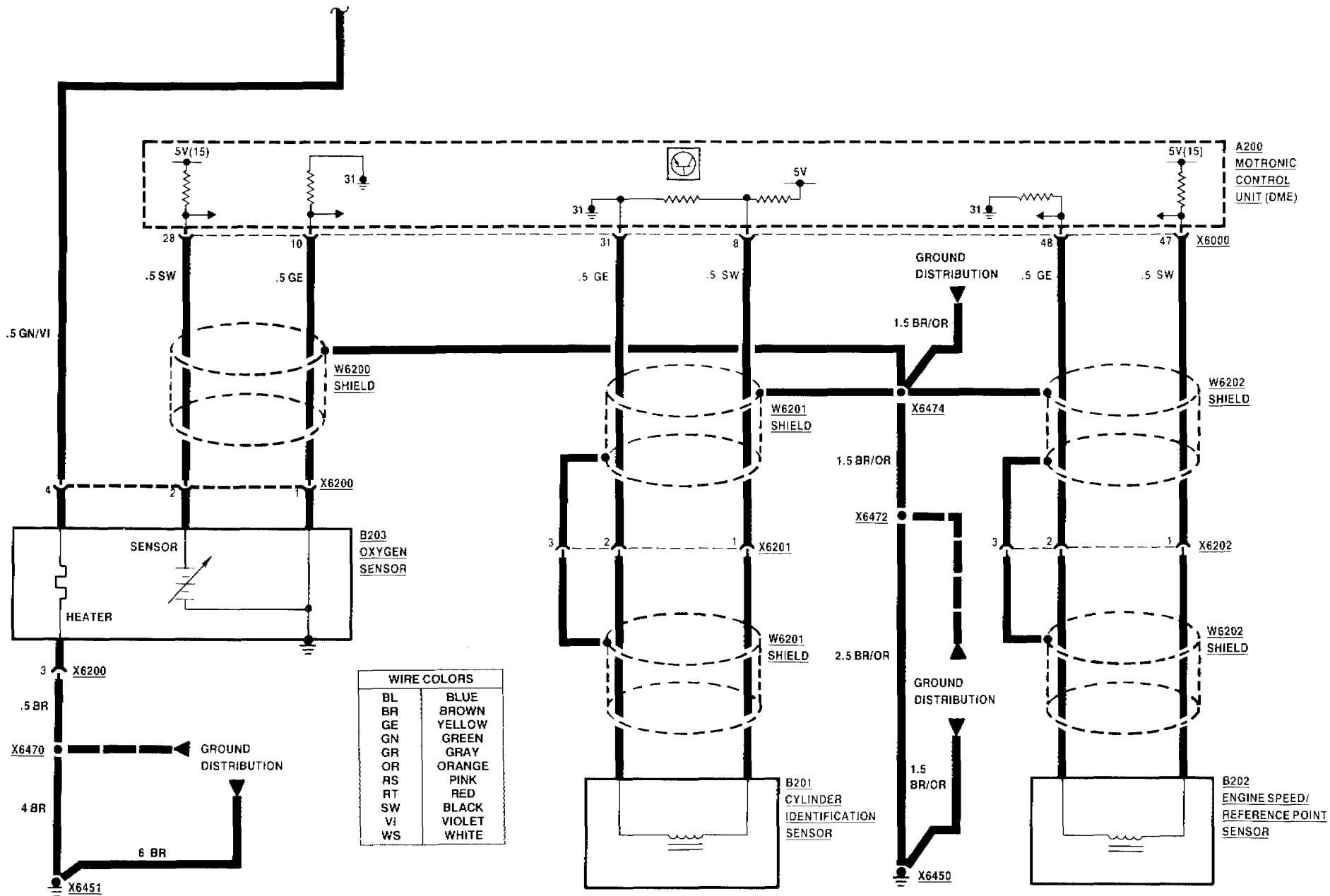




INJECTION ELECTRONICS (DME/EML 1.3)

735i, 735iL

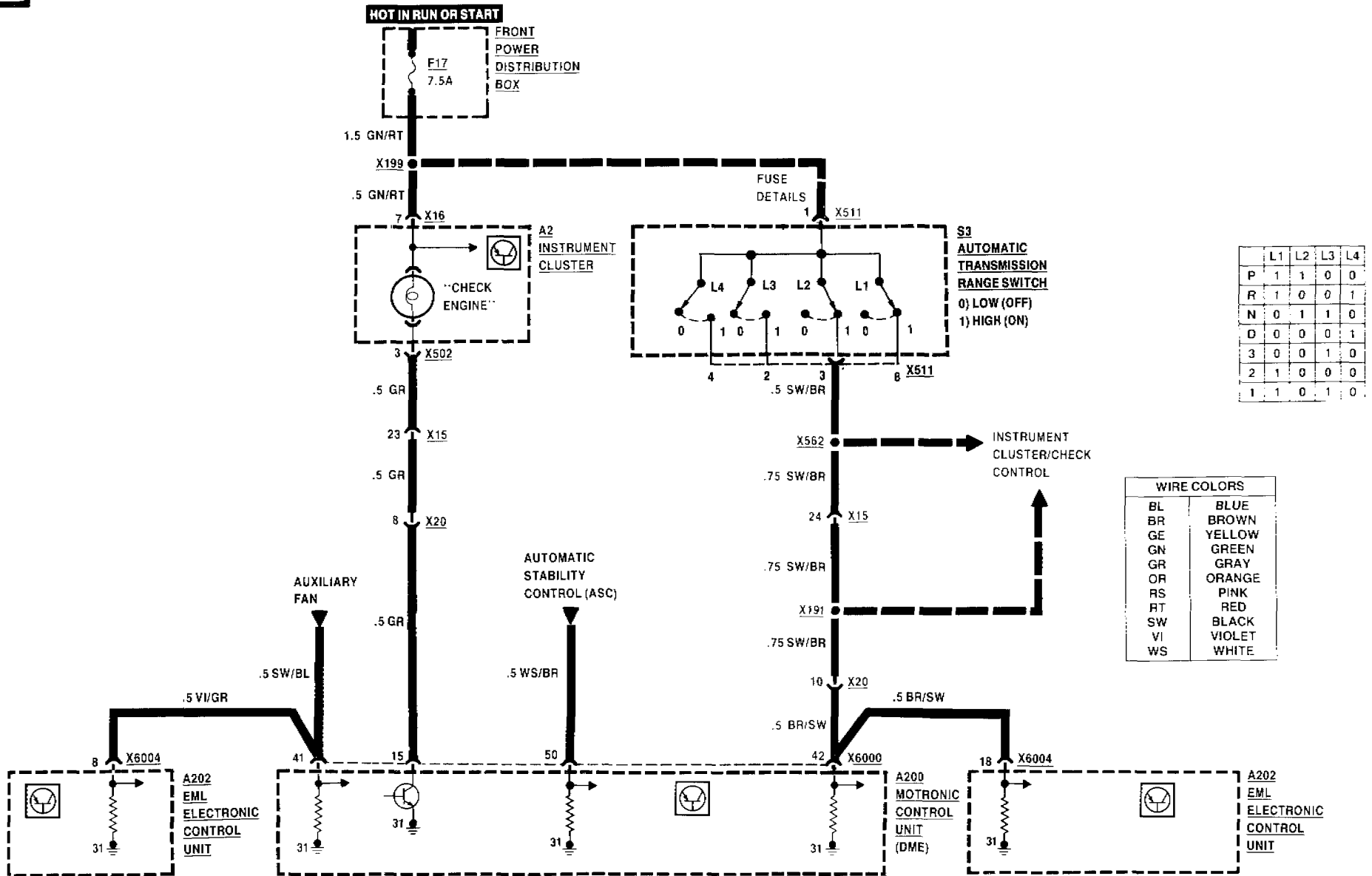






INJECTION ELECTRONICS (DME/EML 1.3)

735i, 735iL

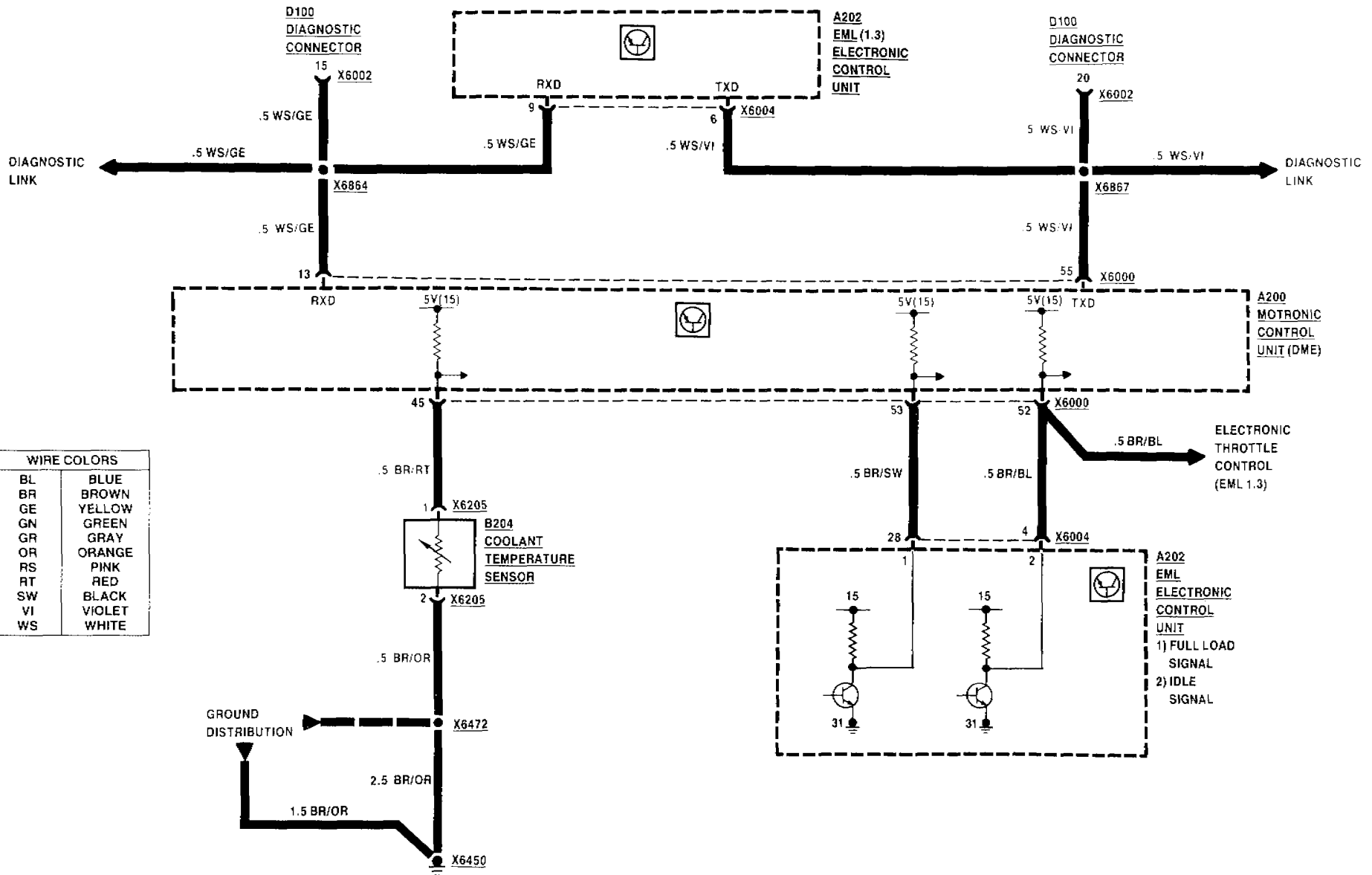


| | L1 | L2 | L3 | L4 |
|---|----|----|----|----|
| P | 1 | 1 | 0 | 0 |
| R | 1 | 0 | 0 | 1 |
| N | 0 | 1 | 1 | 0 |
| D | 0 | 0 | 0 | 1 |
| 3 | 0 | 0 | 1 | 0 |
| 2 | 1 | 0 | 0 | 0 |
| 1 | 1 | 0 | 1 | 0 |



INJECTION ELECTRONICS (DME/EML 1.3)

735i, 735iL



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

03/92

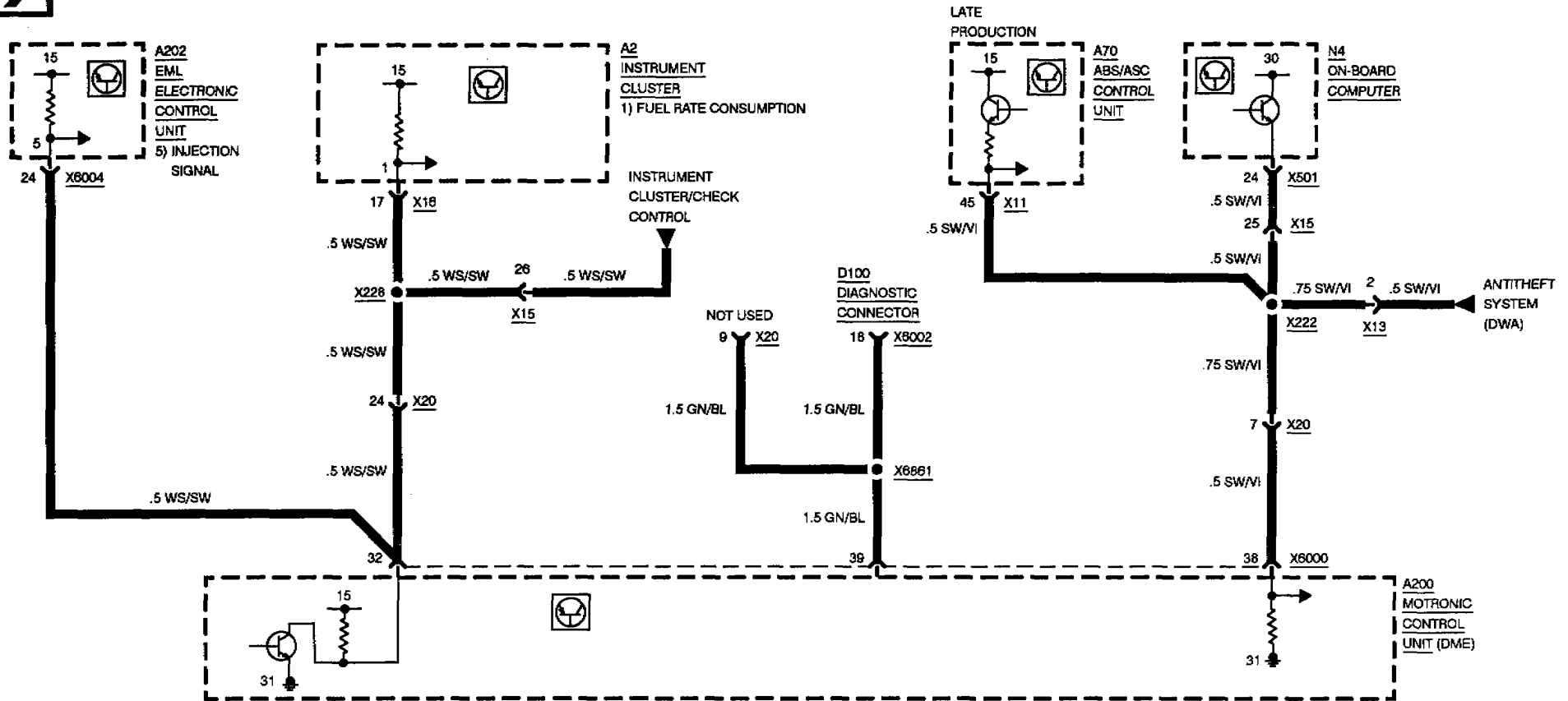
1361-07

1991



INJECTION ELECTRONICS (DME/EML 1.3)

735i, 735iL

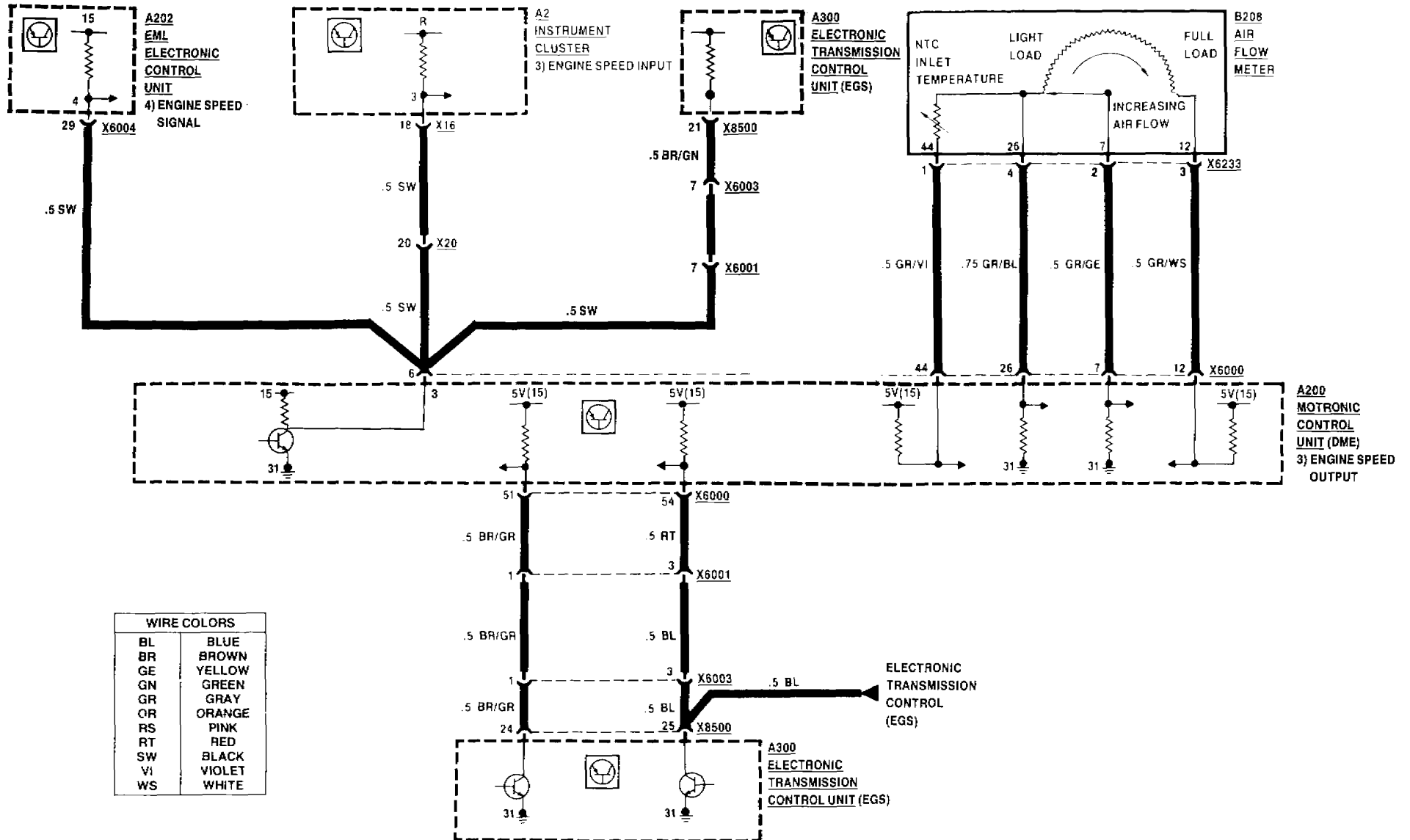


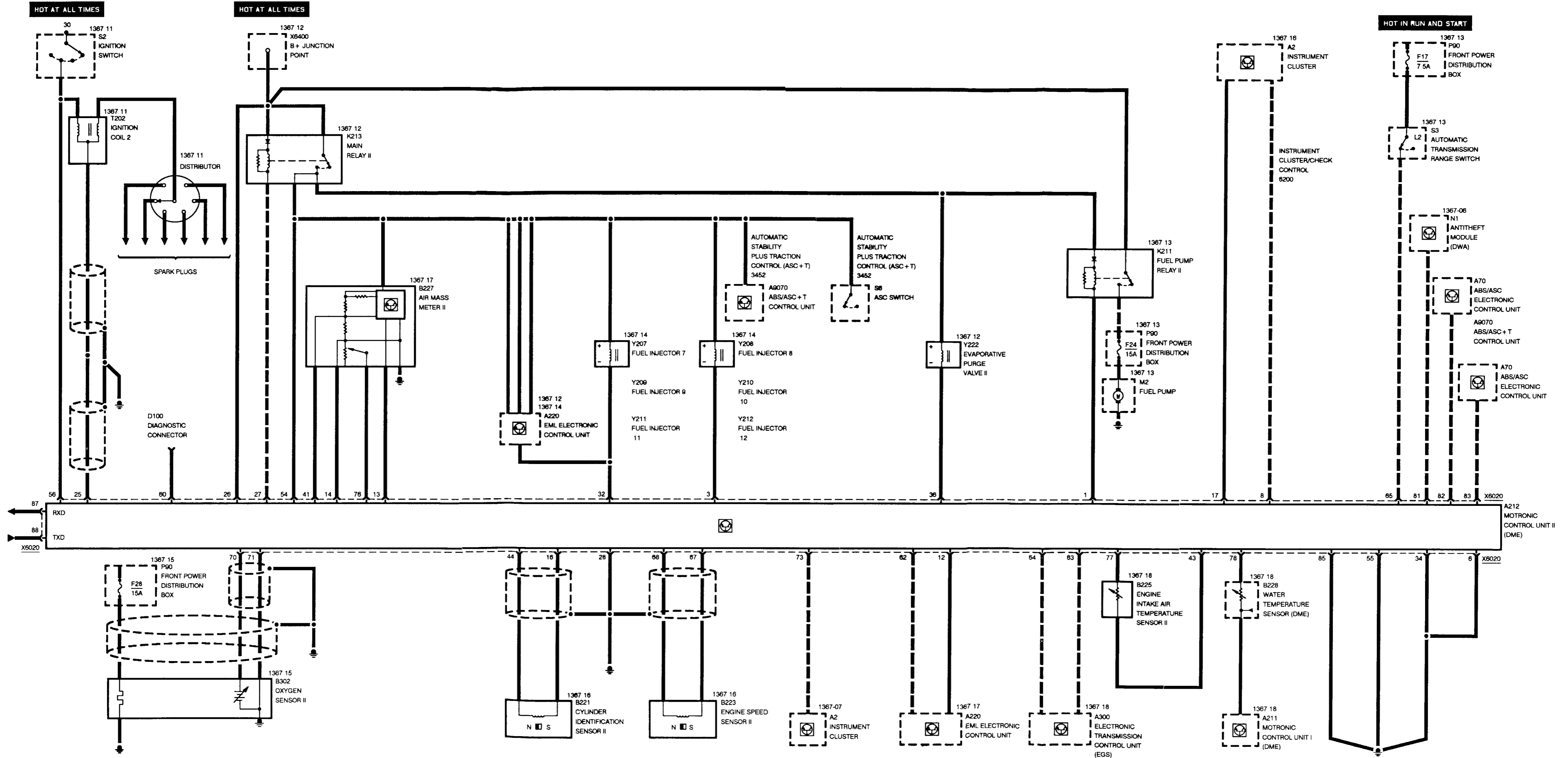
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

03/92

1361-08

1991

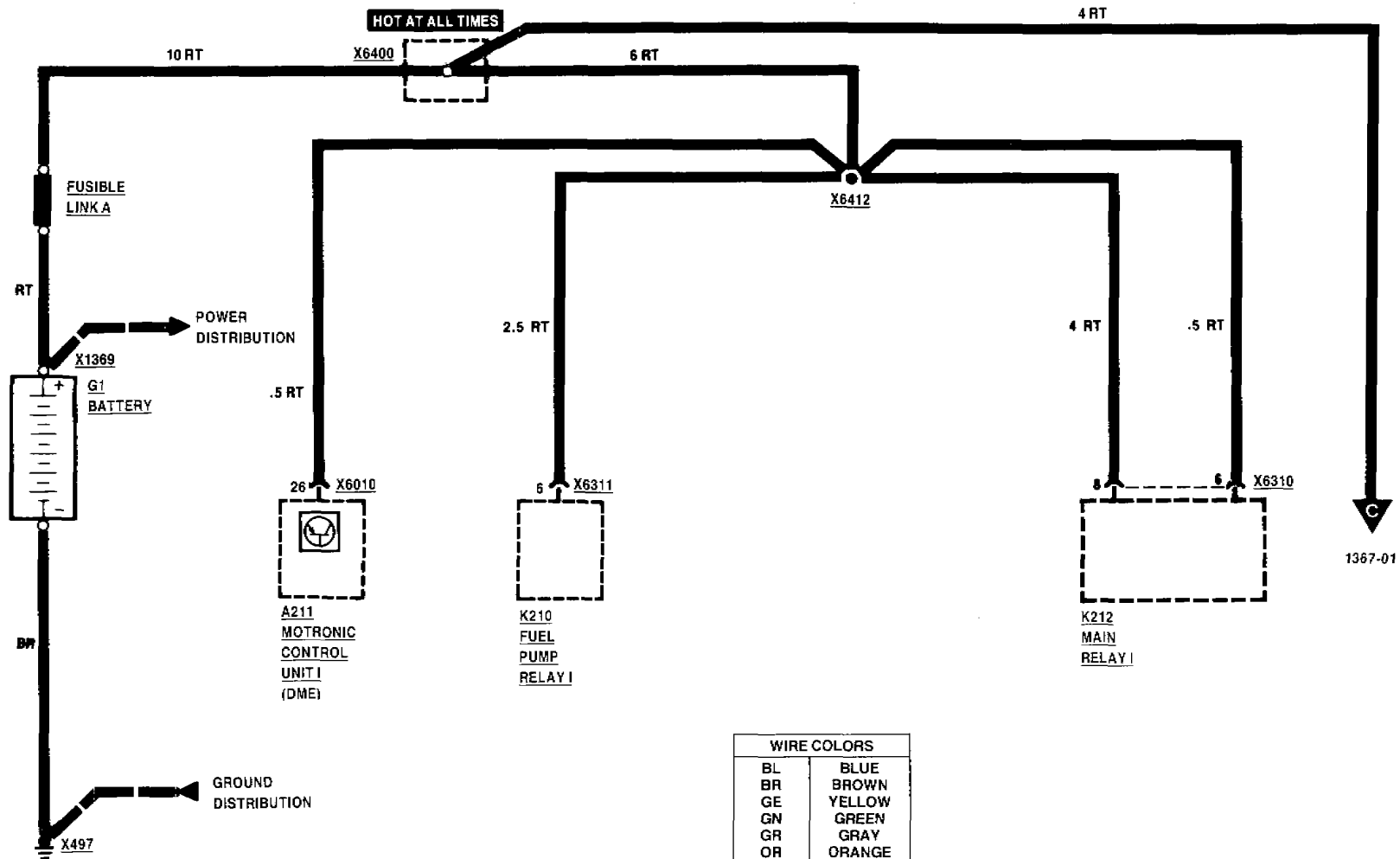






INJECTION ELECTRONICS (DME/EML 1.7) POWER DISTRIBUTION

750iL



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

03/92

1367-00

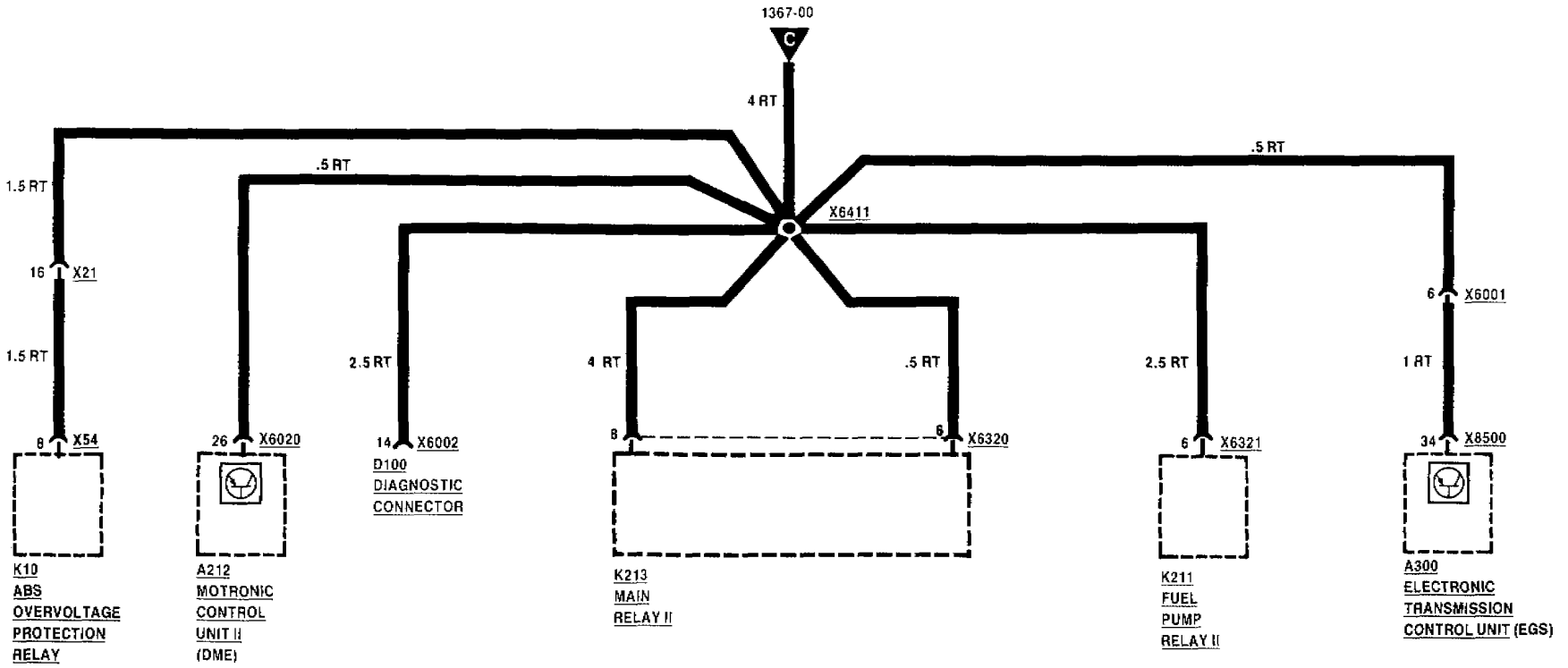
1991



INJECTION ELECTRONICS (DME/EML 1.7)

POWER DISTRIBUTION

750iL



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



INJECTION ELECTRONICS (DME/EML 1.7)

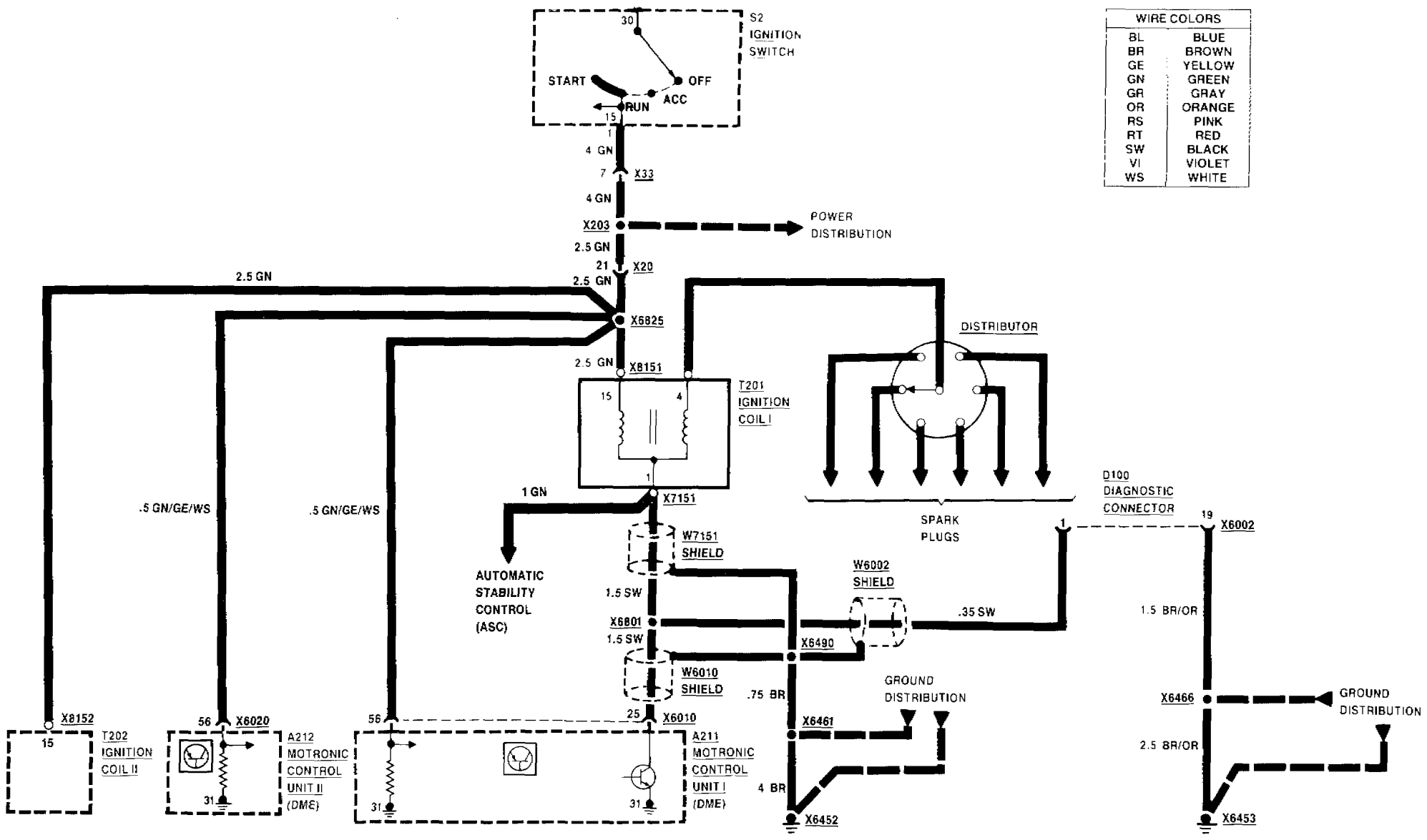
MOTRONIC CONTROL UNIT I

750iL

03/92

1367-02

1991

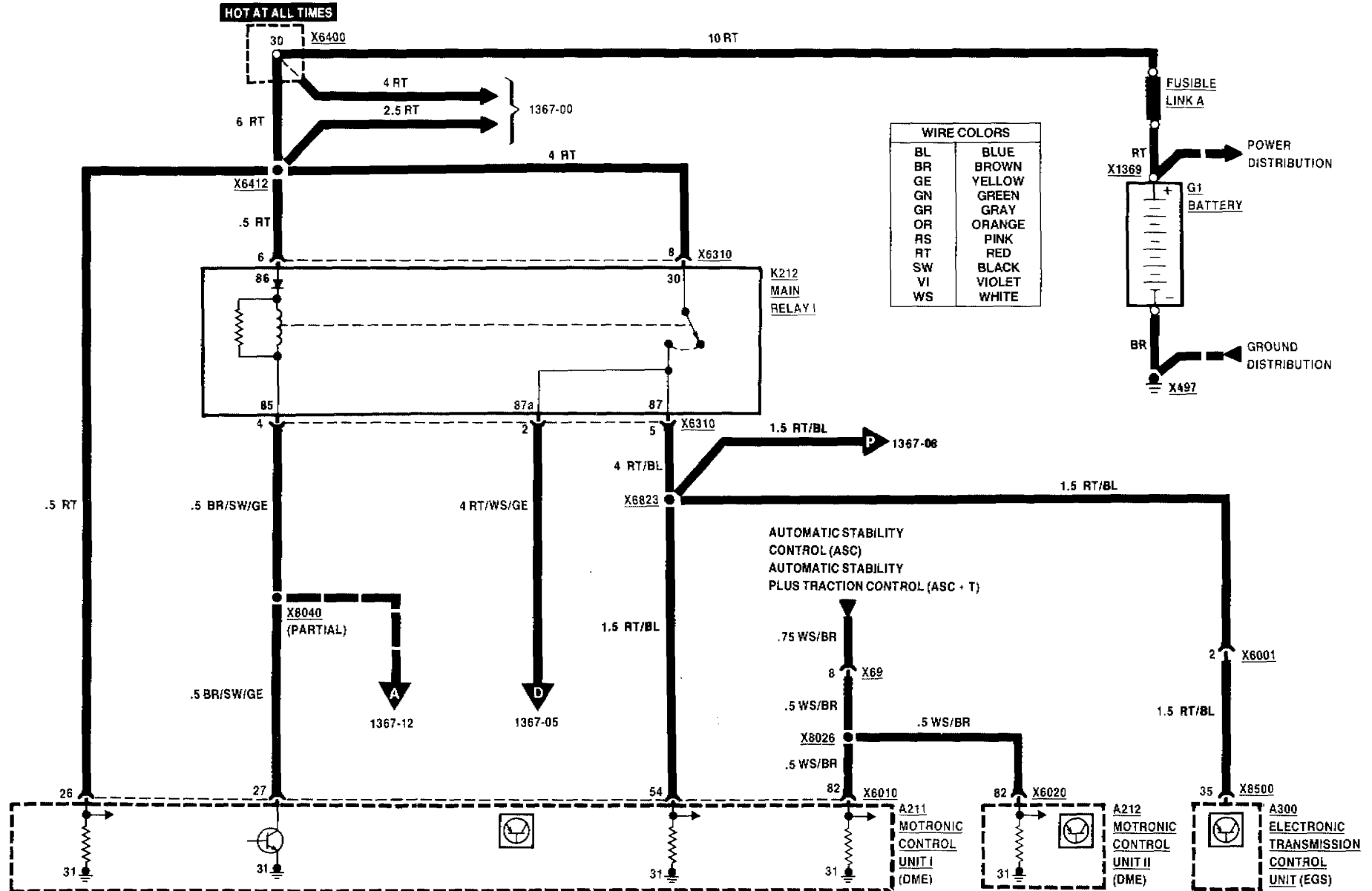




INJECTION ELECTRONICS (DME/EML 1.7)

MOTRONIC CONTROL UNIT I

750iL



03/92

1367-03

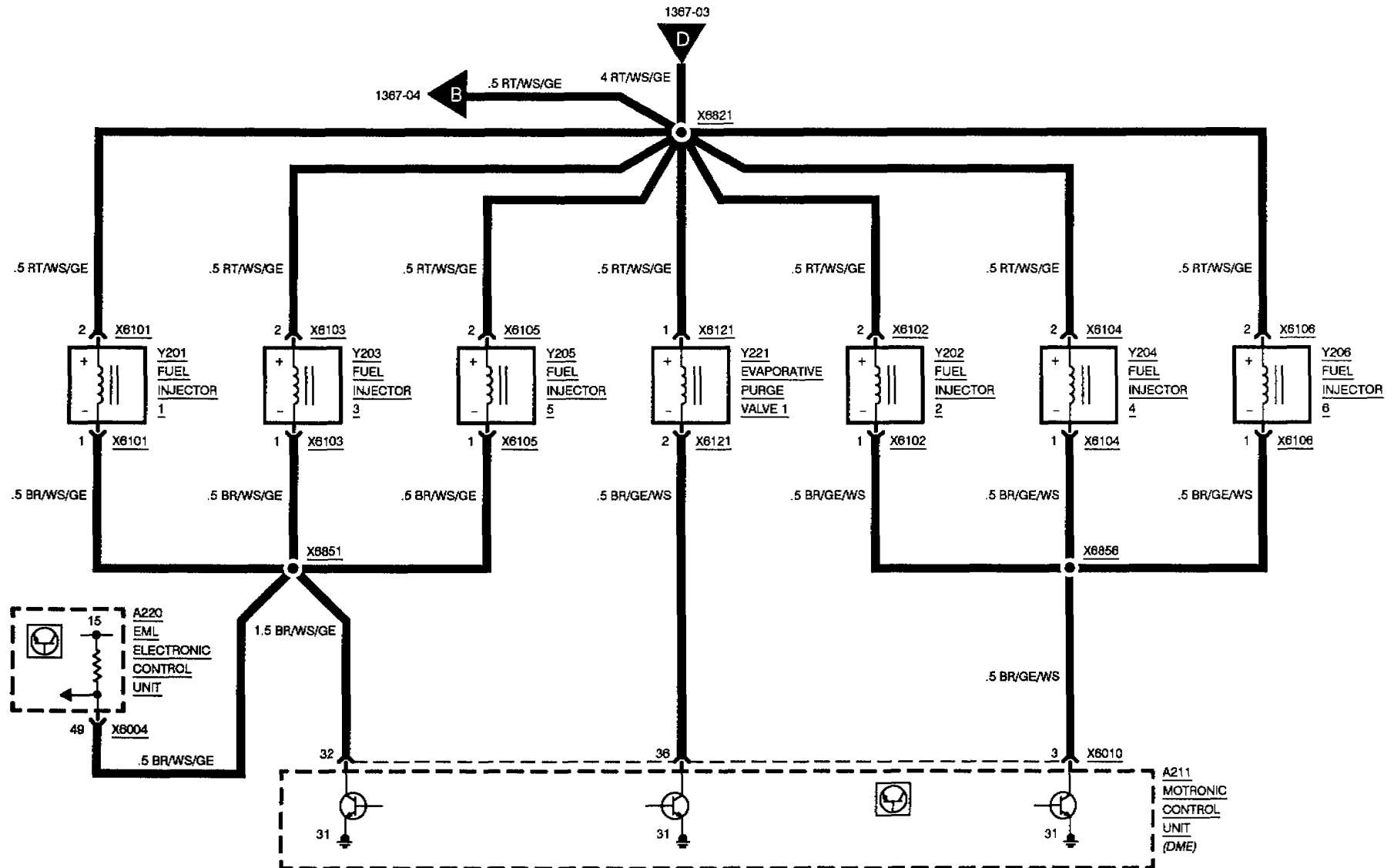
1991



INJECTION ELECTRONICS (DME/EML 1.7)

750iL

MOTRONIC CONTROL UNIT I

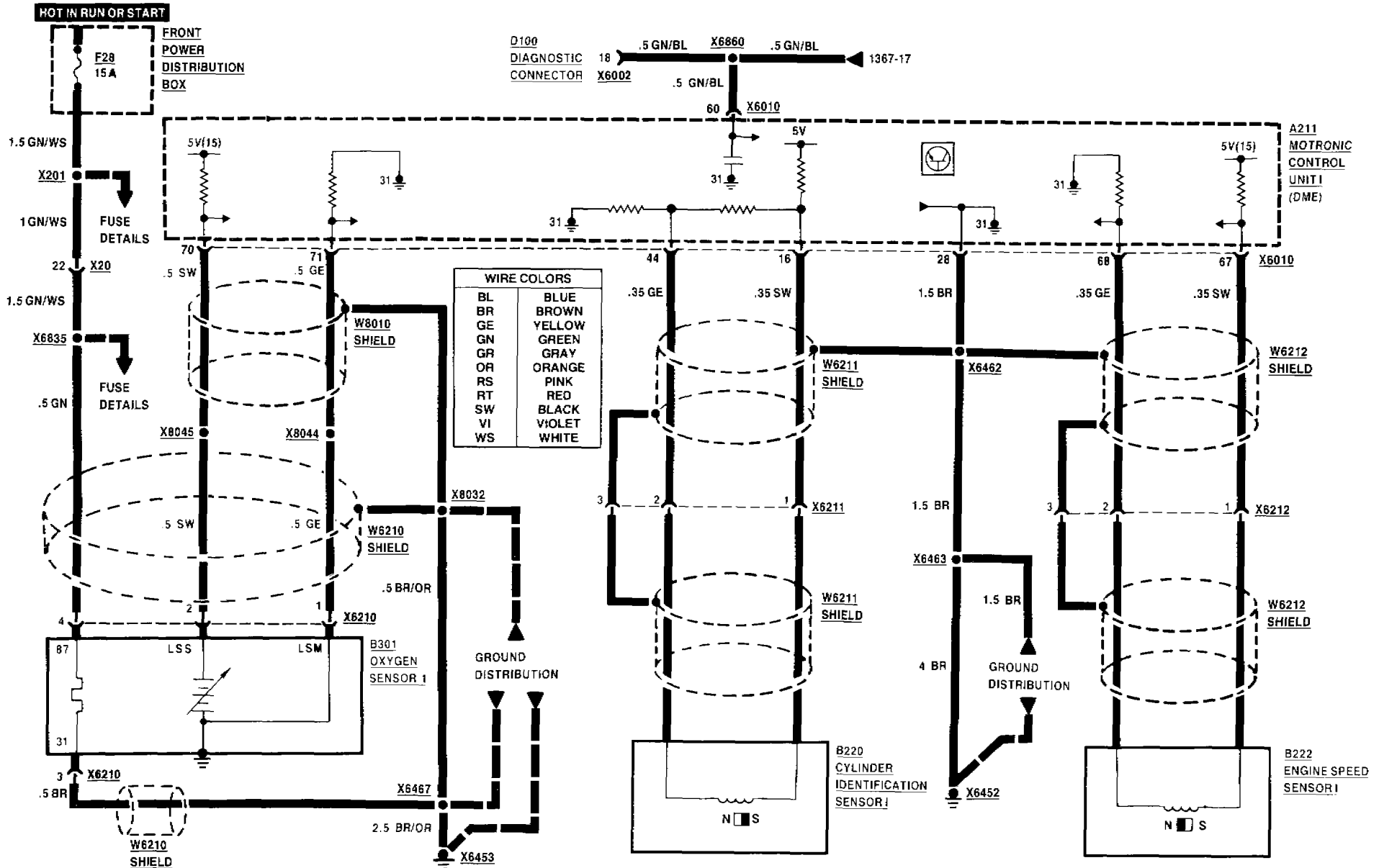




INJECTION ELECTRONICS (DME/EML 1.7)

MOTRONIC CONTROL UNIT I

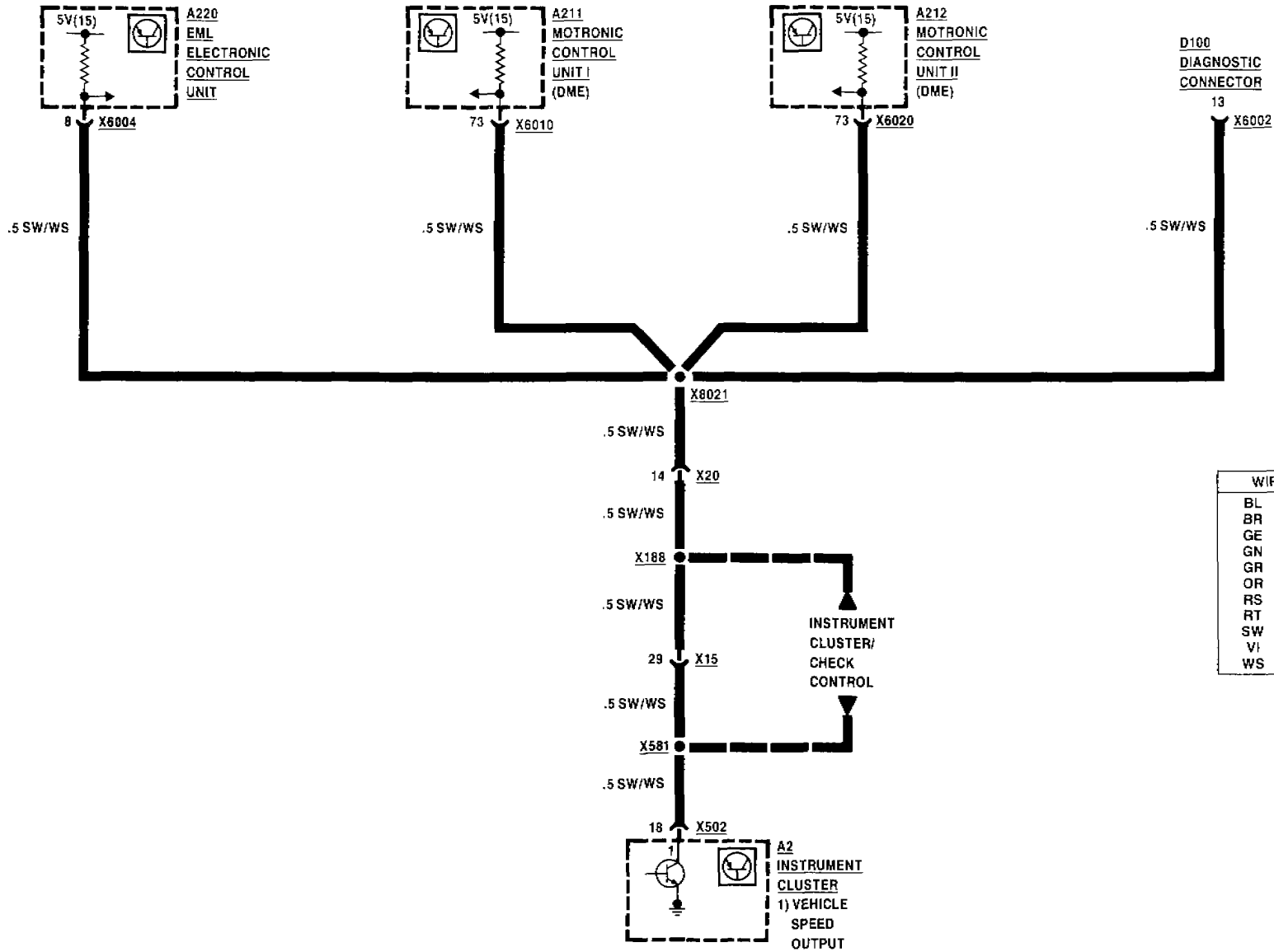
750iL





INJECTION ELECTRONICS (DME/EML) MOTRONIC CONTROL UNIT I

750iL



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



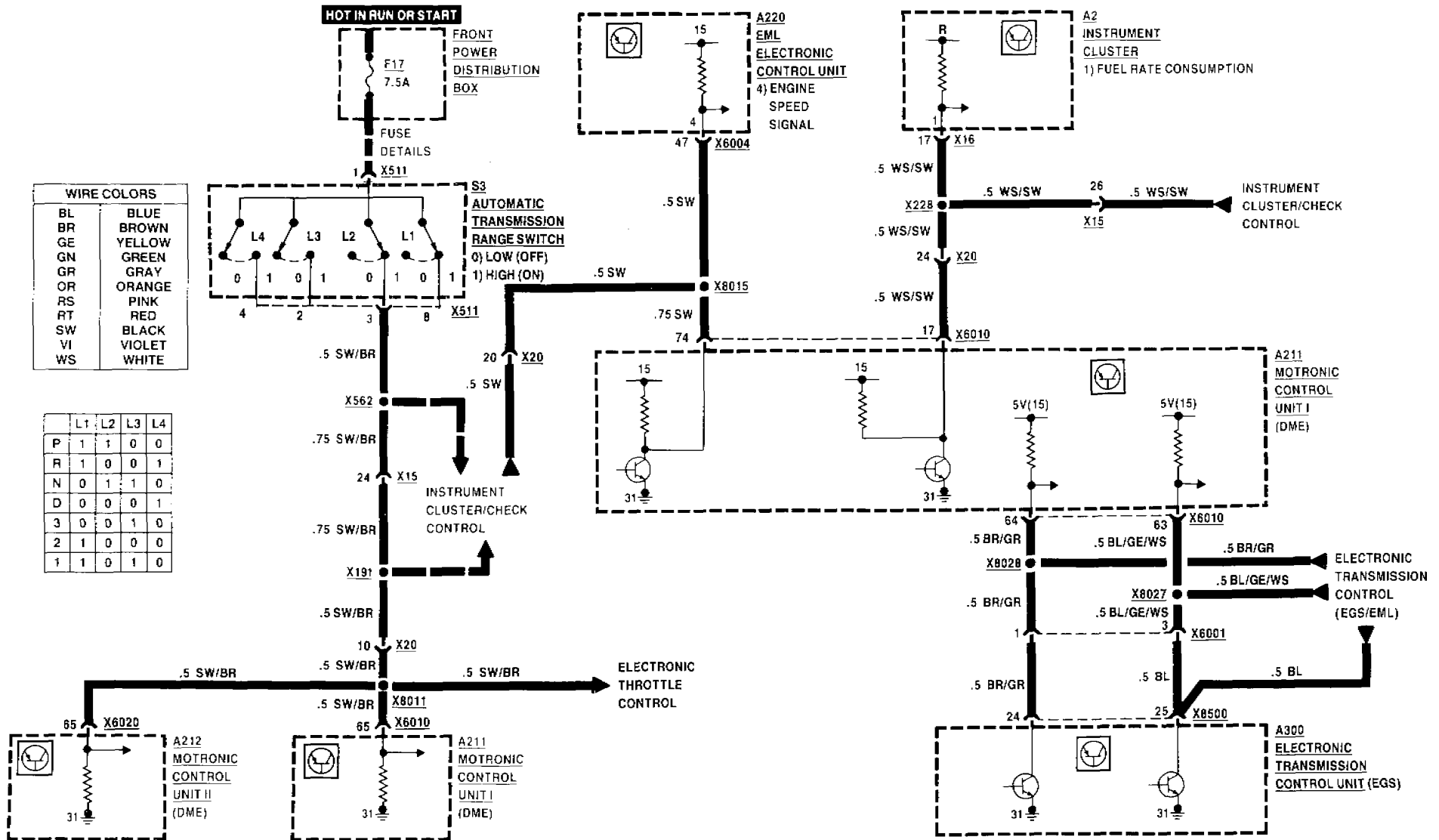
INJECTION ELECTRONICS (DME/EML 1.7) MOTRONIC CONTROL UNIT I

750iL

WIRE COLORS

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

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

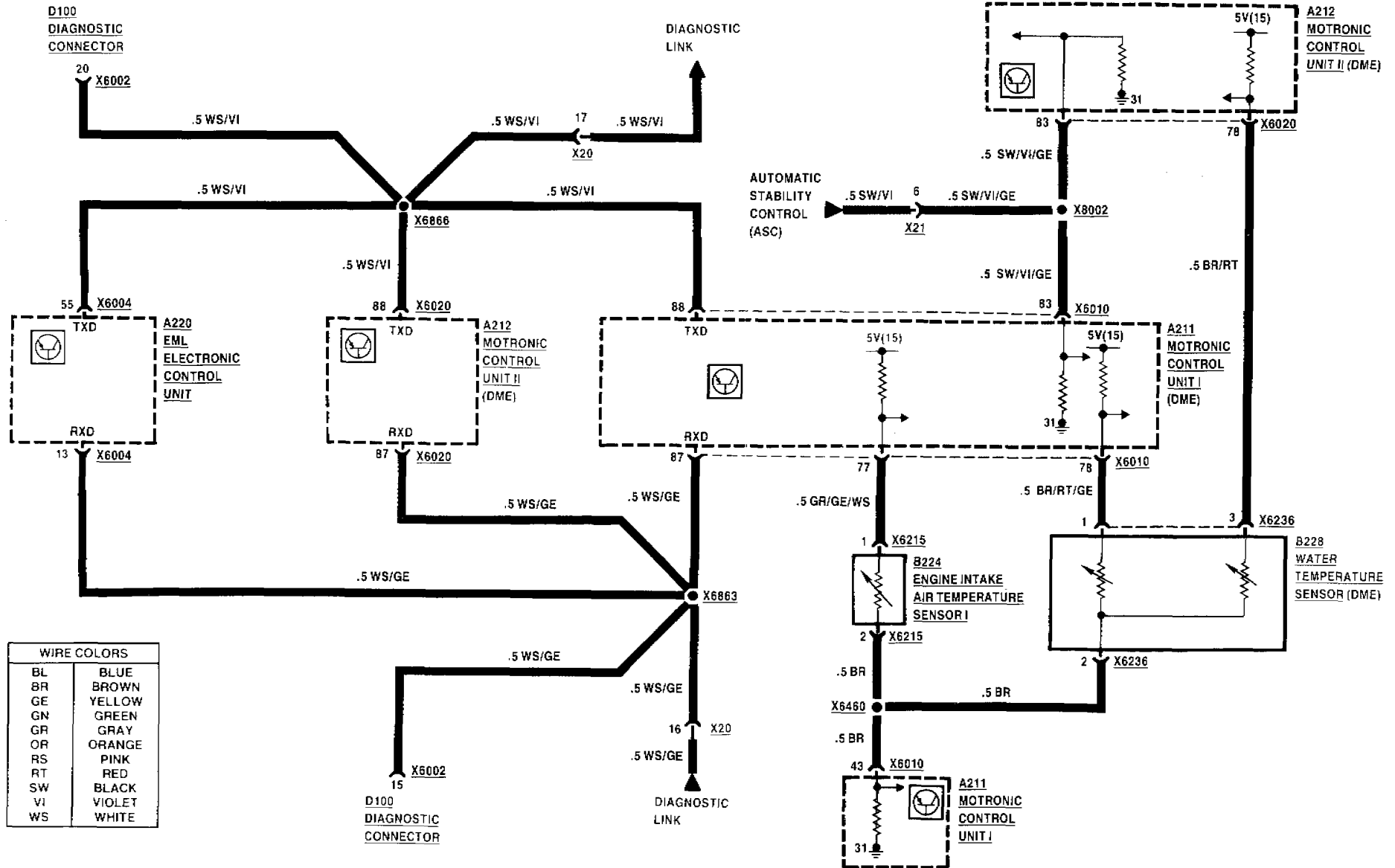




INJECTION ELECTRONICS (DME/EML 1.7)

MOTRONIC CONTROL UNIT I

750iL



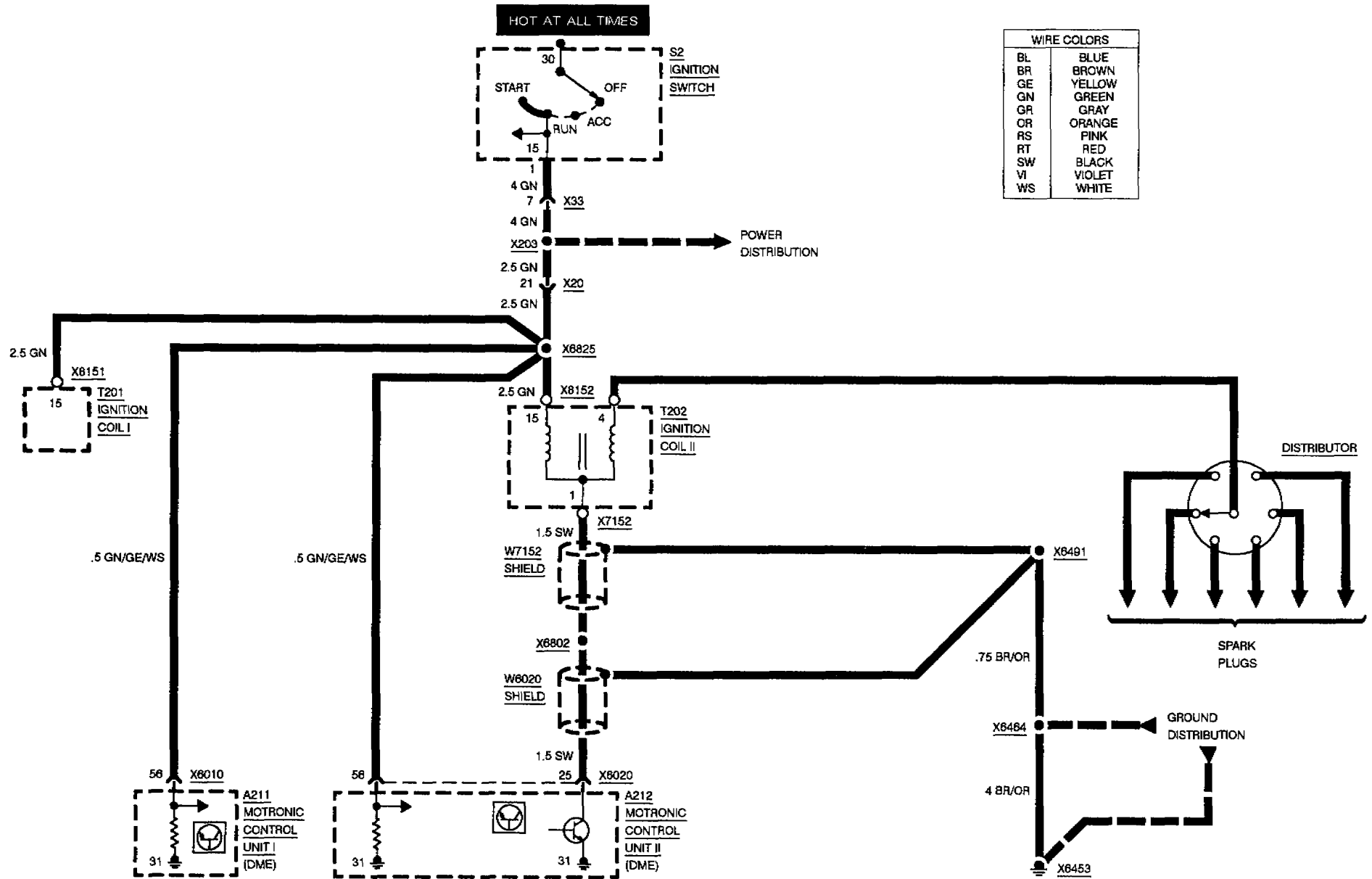
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



INJECTION ELECTRONICS (DME/EML 1.7)

MOTRONIC CONTROL UNIT II

750iL

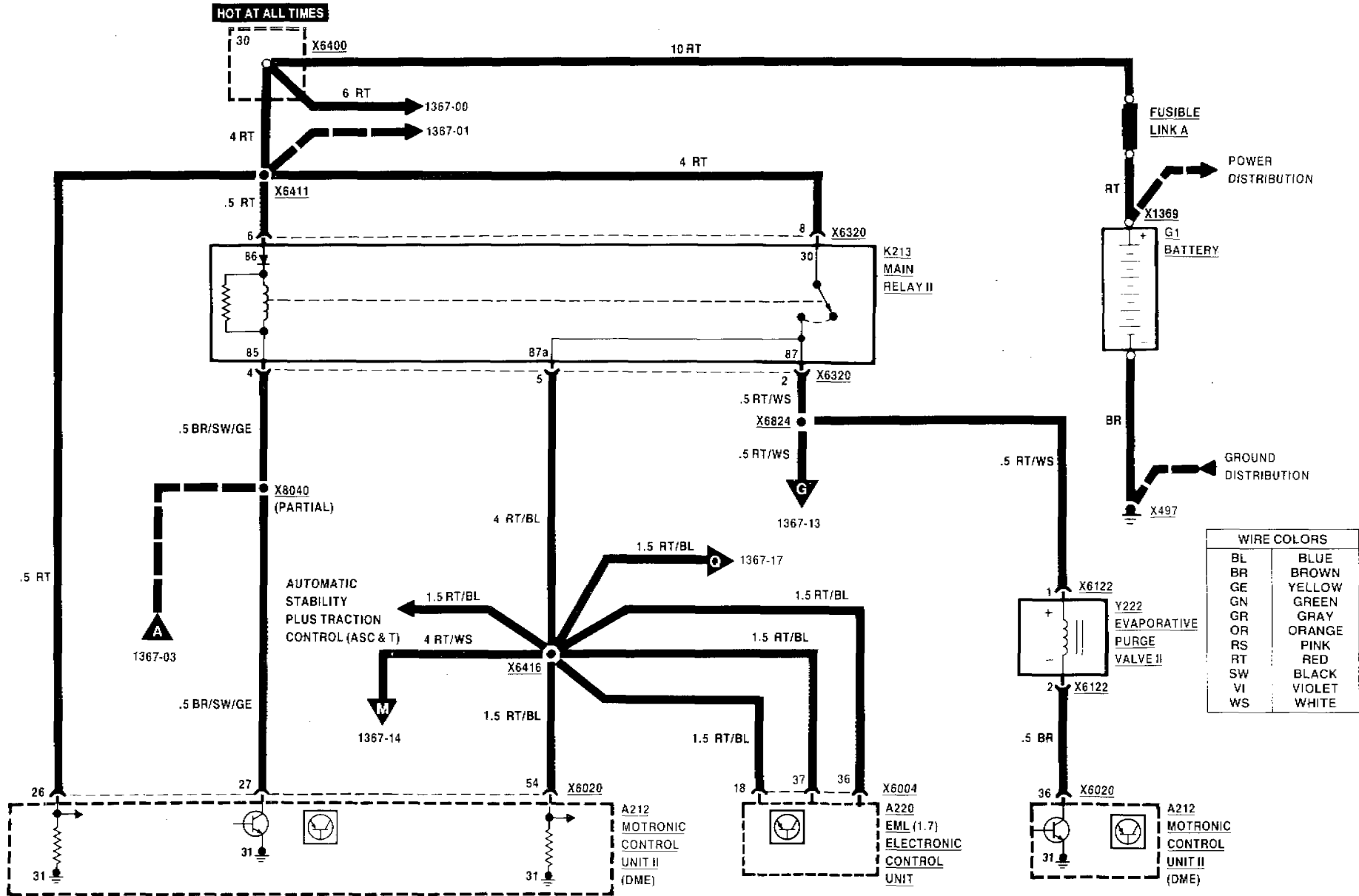




INJECTION ELECTRONICS (DME/EML 1.7)

750iL

MOTRONIC CONTROL UNIT II



03/92

1367-12

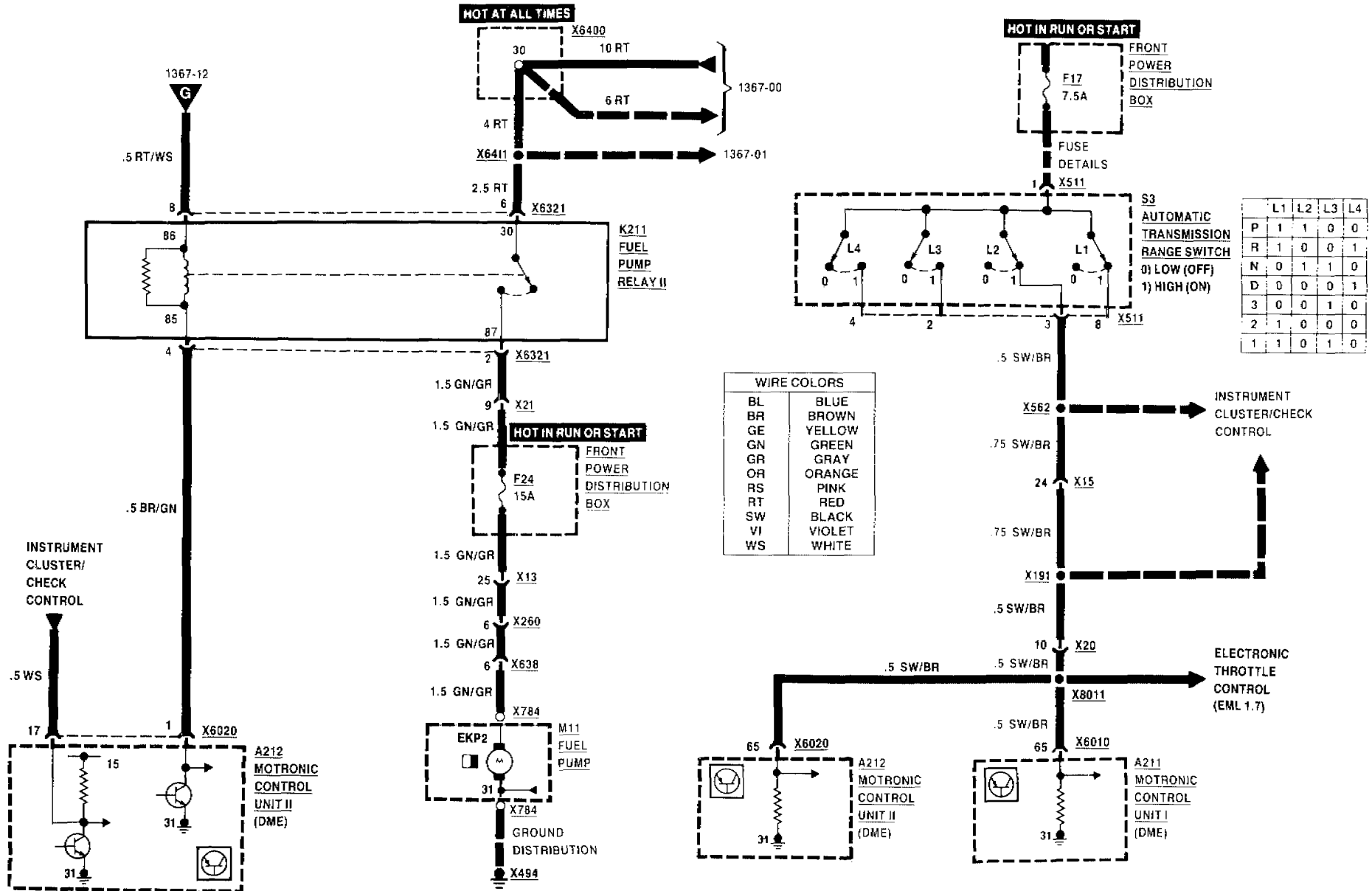
1991



INJECTION ELECTRONICS (DME/EML 1.7)

MOTRONIC CONTROL UNIT II

750iL

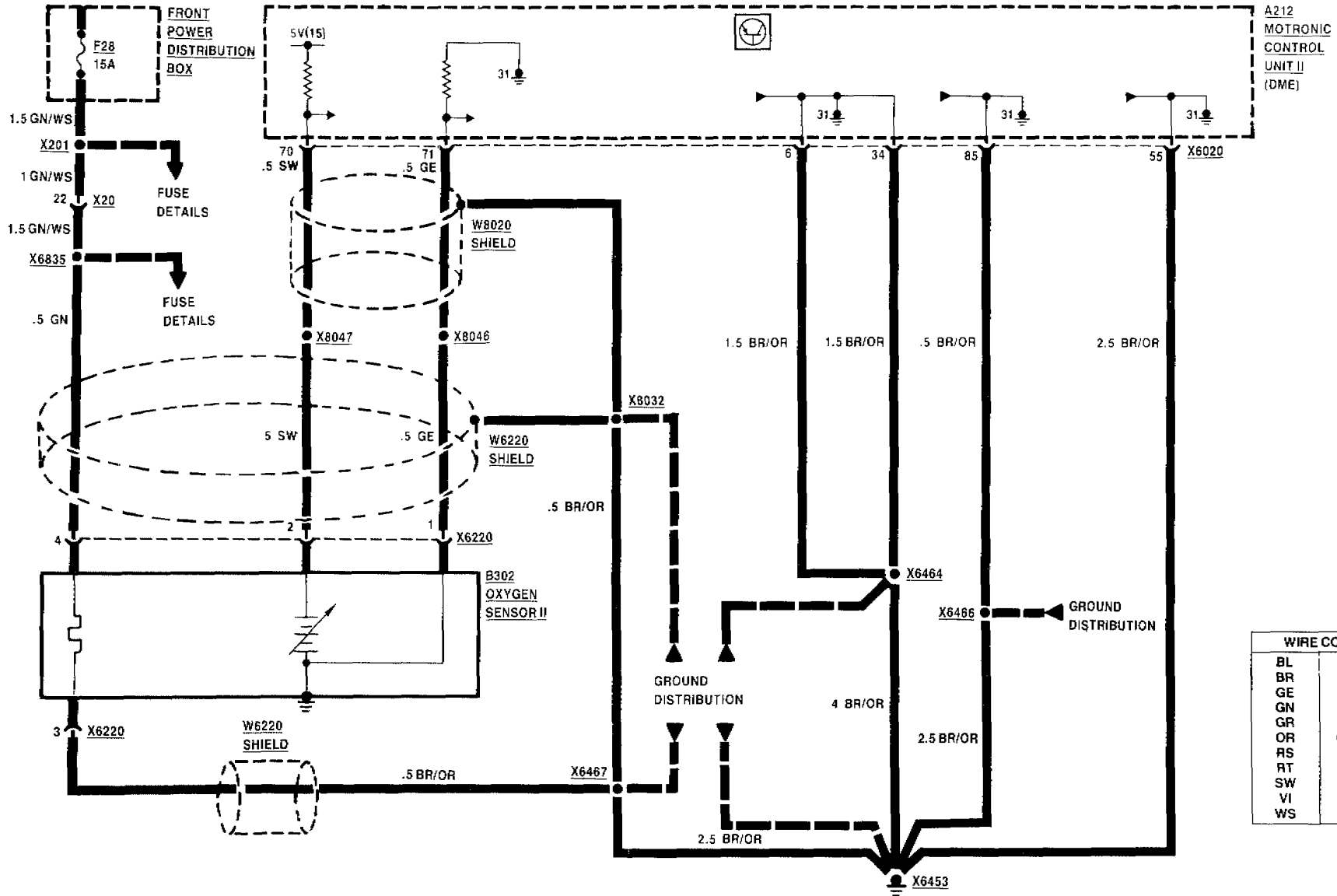




INJECTION ELECTRONICS (DME/EML 1.7)

MOTRONIC CONTROL UNIT II

HOT IN RUN OR START



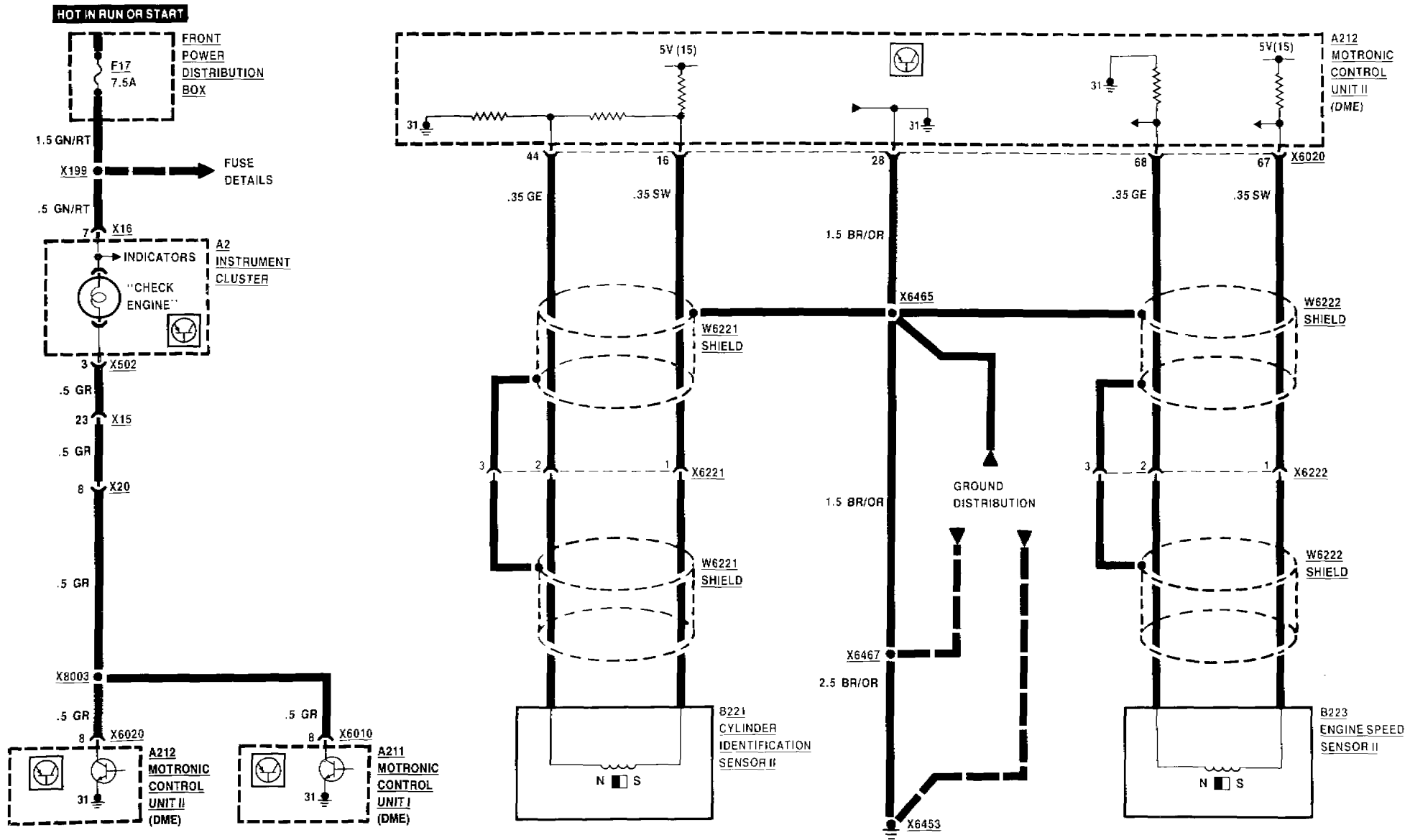
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



INJECTION ELECTRONICS (DME/EML 1.7)

750iL

MOTRONIC CONTROL UNIT II



03/92

1367-16

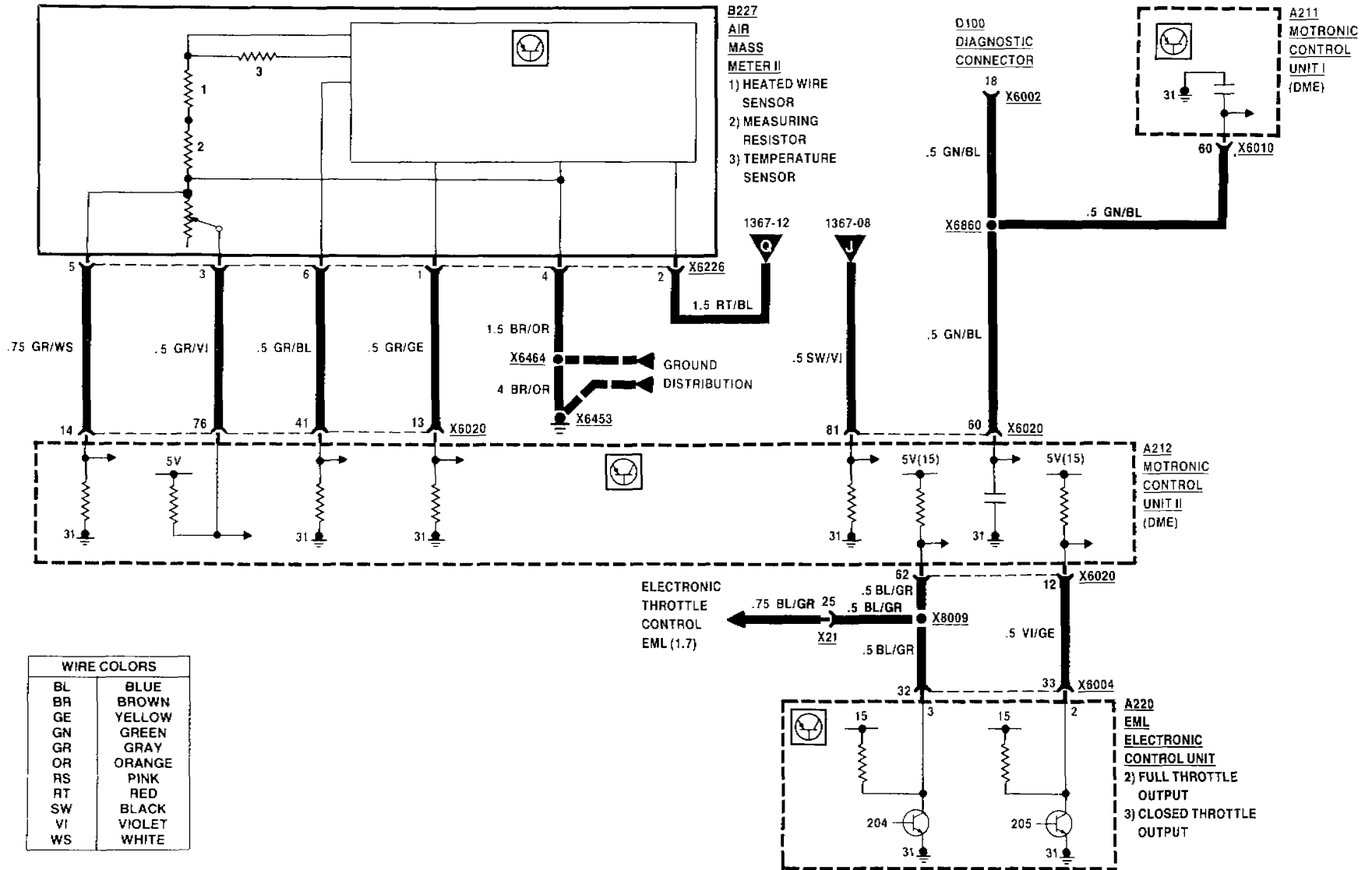
1991



INJECTION ELECTRONICS (DME/EML 1.7)

MOTRONIC CONTROL UNIT II

750iL

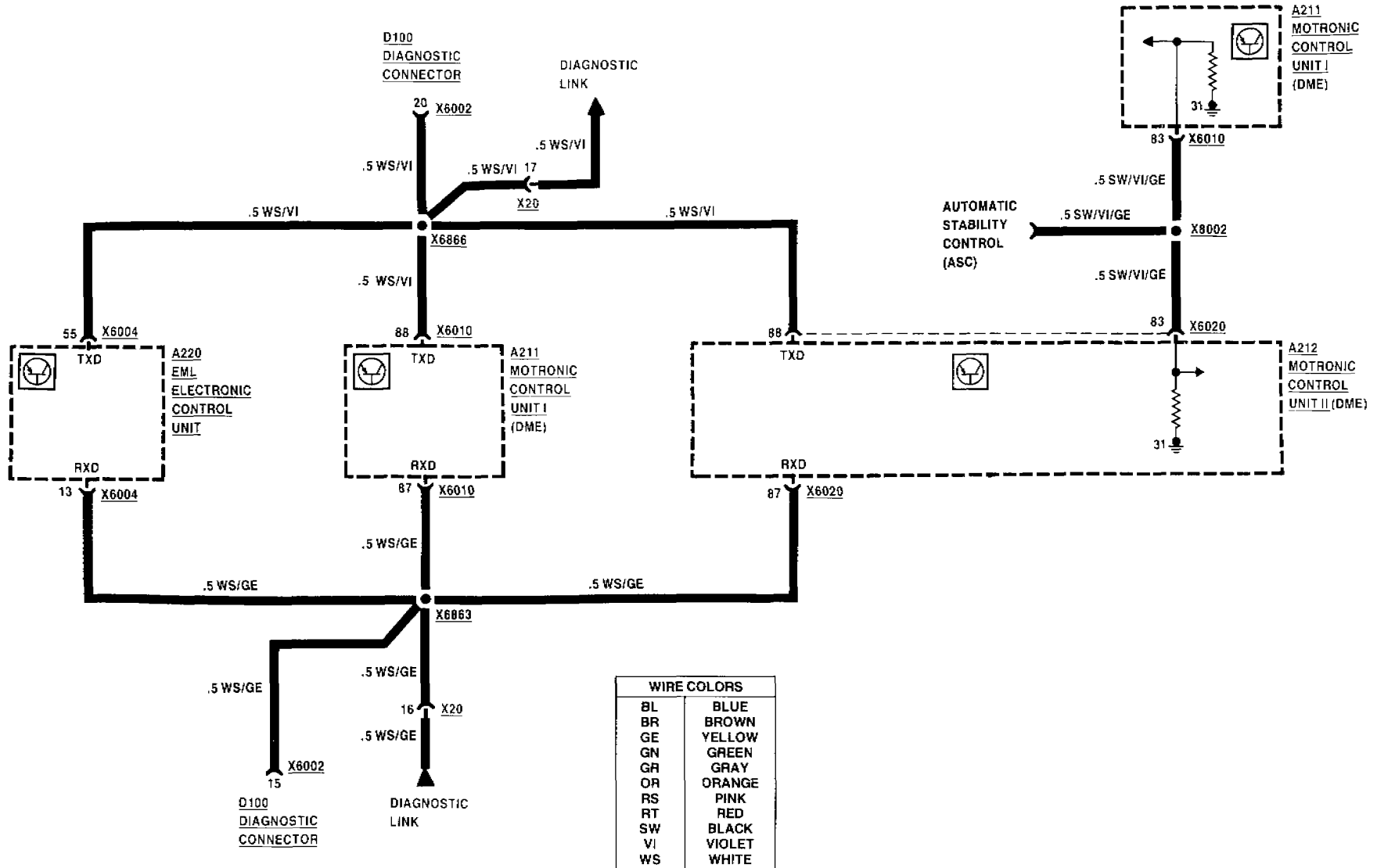


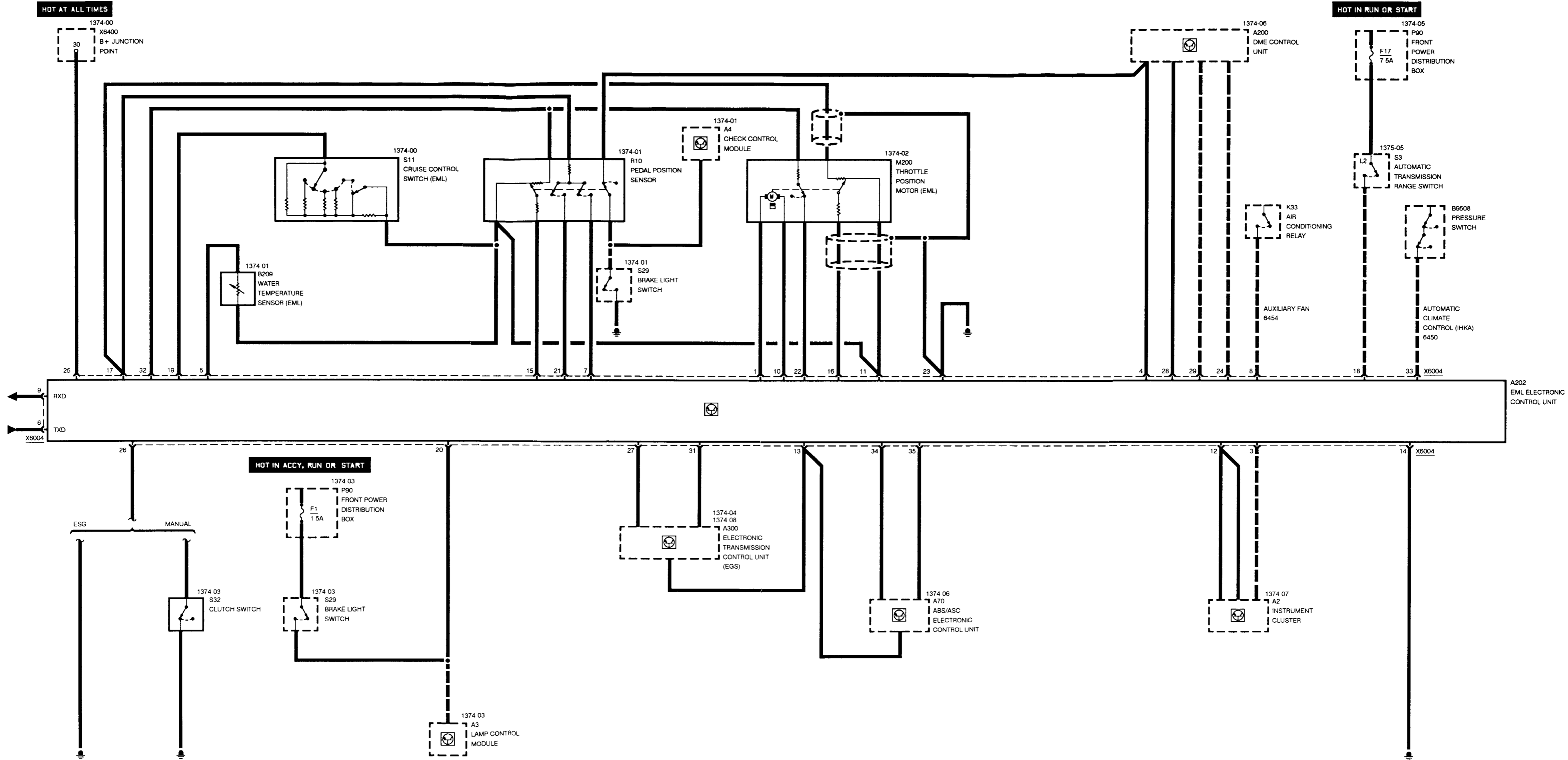


INJECTION ELECTRONICS (DME/EML 1.7)

MOTRONIC CONTROL UNIT II

750iL

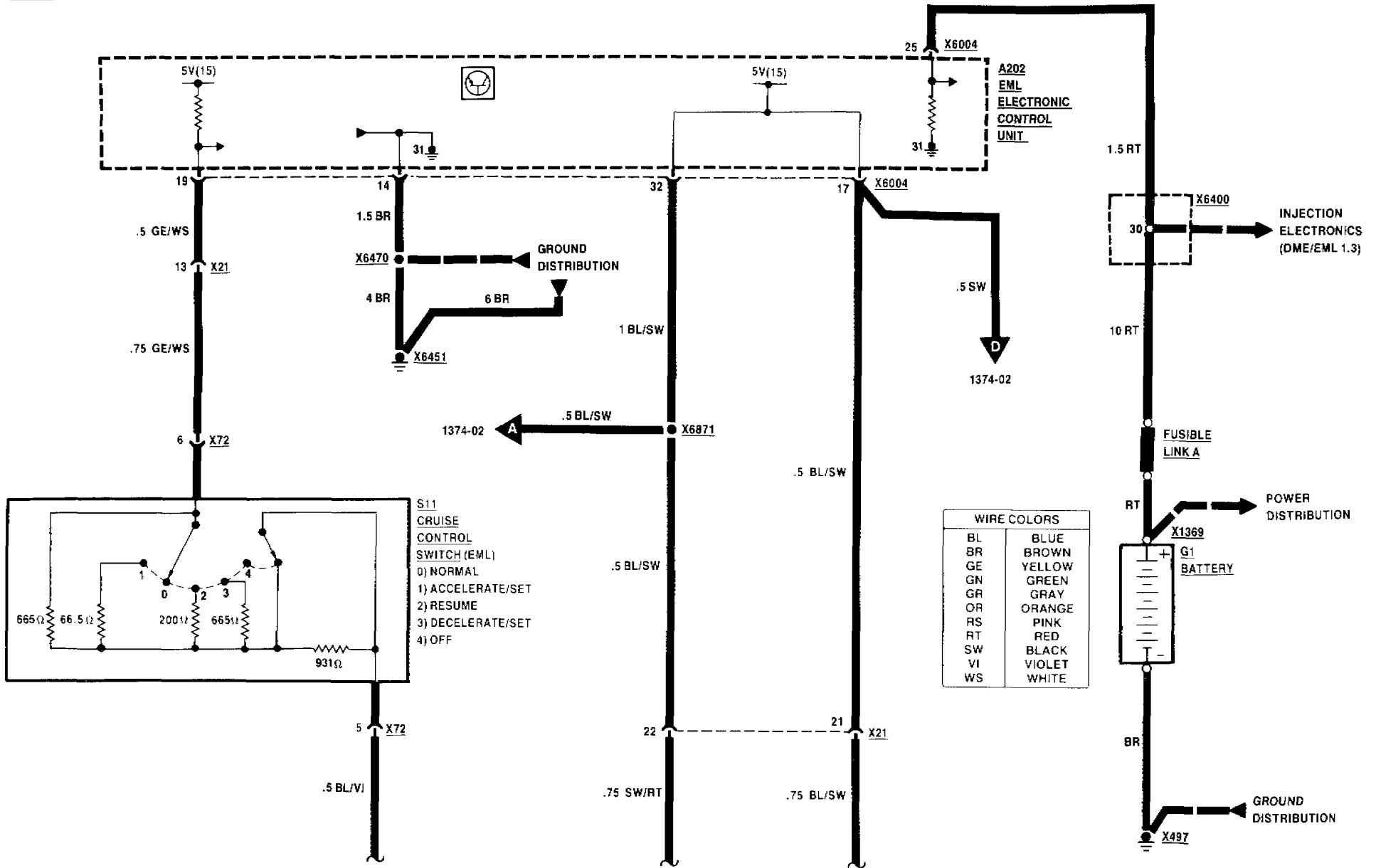


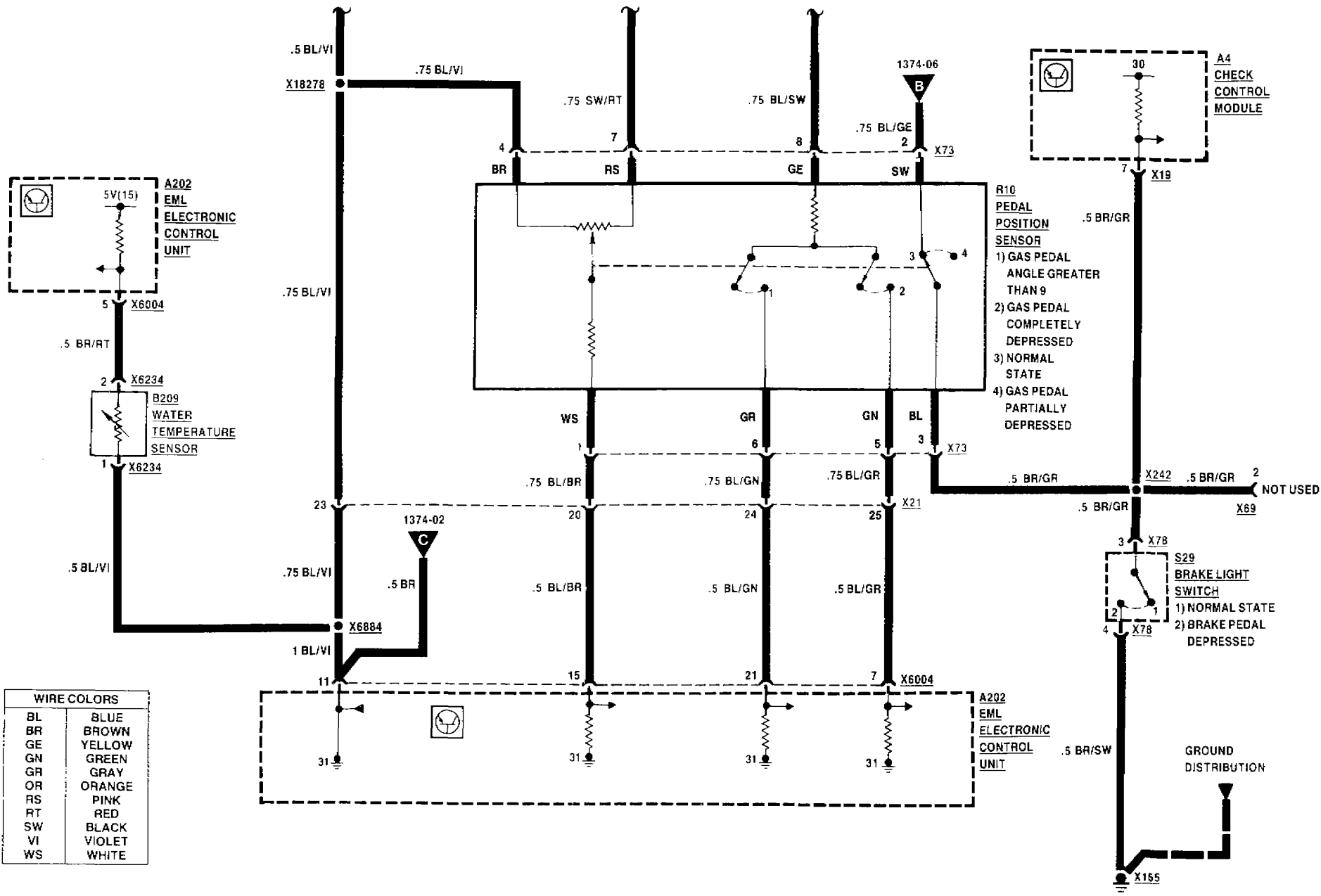




ELECTRONIC THROTTLE CONTROL

735i, 735iL







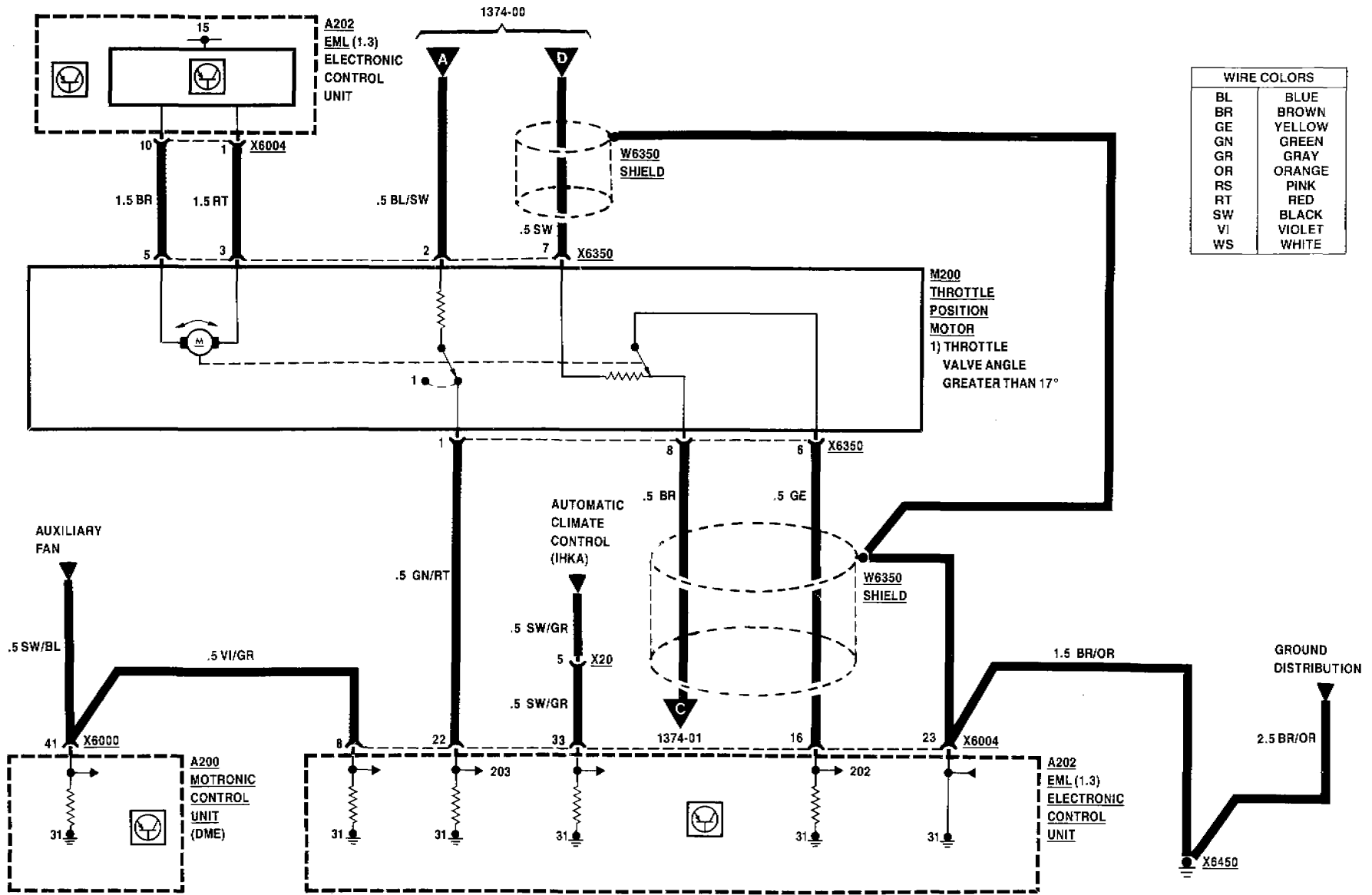
ELECTRONIC THROTTLE CONTROL (EML 1.3)

735i, 735iL

10/90

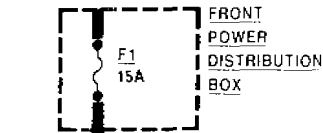
1374-02

1991

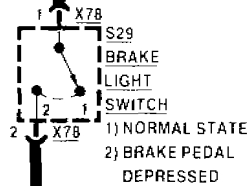


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

HOT IN ACC, RUN OR START



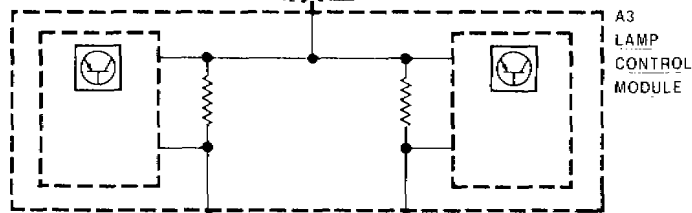
1.5 VV/GE
X225 → FUSE DETAILS
1 VV/GE



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

1 BL/RT X181 .75 BL/RT

1 BL/RT X12 .75 BL/RT → BRAKE LIGHTS



29 1 SW/BL
13 1 SW/GN
X12
BRAKE LIGHTS



.5 BL/RT X69

.5 BL/BR X21
15
.75 BR/BL

EGS MANUAL

.75 BR/BL X121
2
.5 BR/SW

.75 BR/BL X121
2
S32 CLUTCH SWITCH
1) NORMAL STATE
2) CLUTCH PEDAL DEPRESSED
1 X121
.5 BR/SW

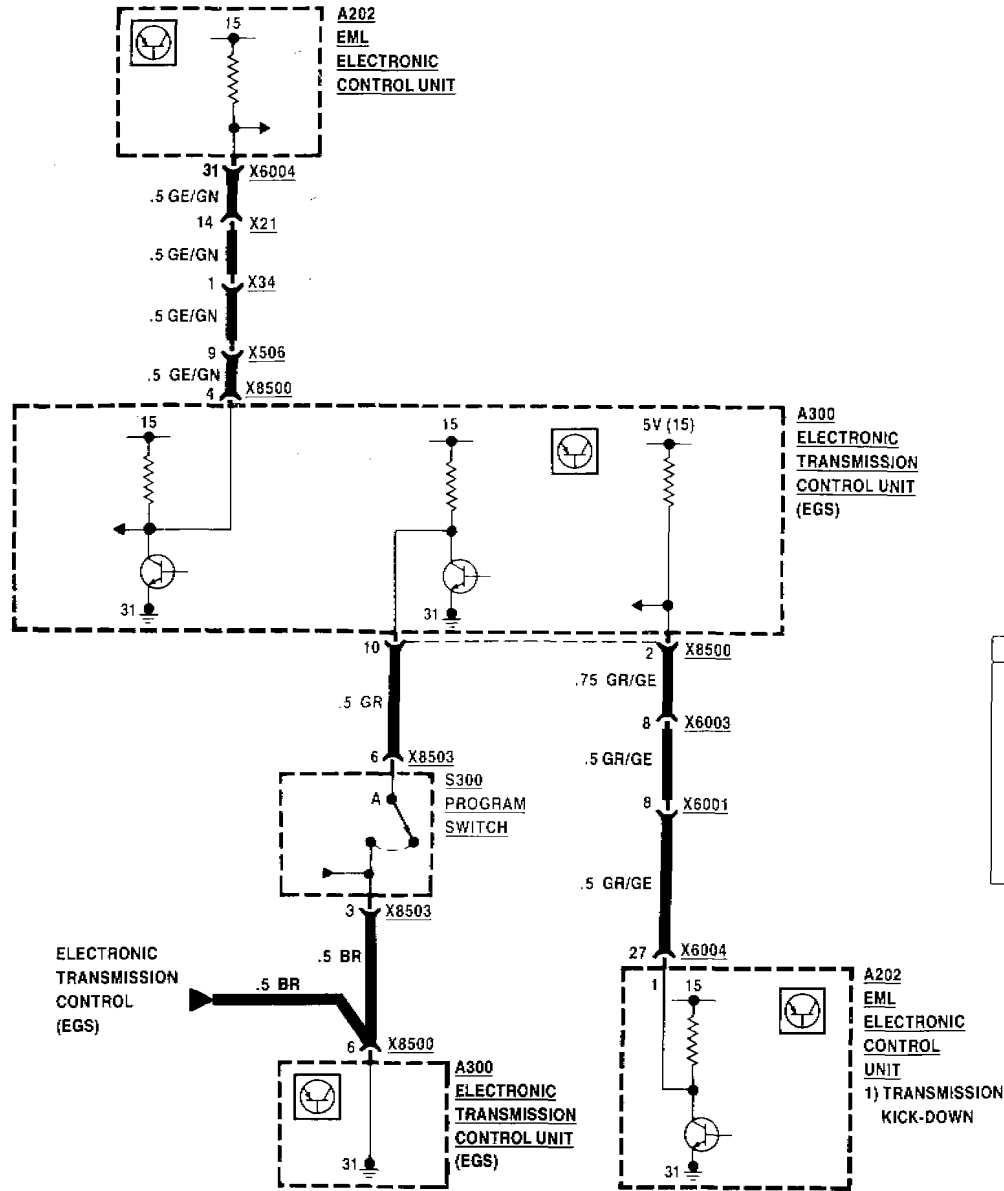
.5 BR/SW

X165
GROUND DISTRIBUTION



ELECTRONIC THROTTLE CONTROL

735i, 735iL



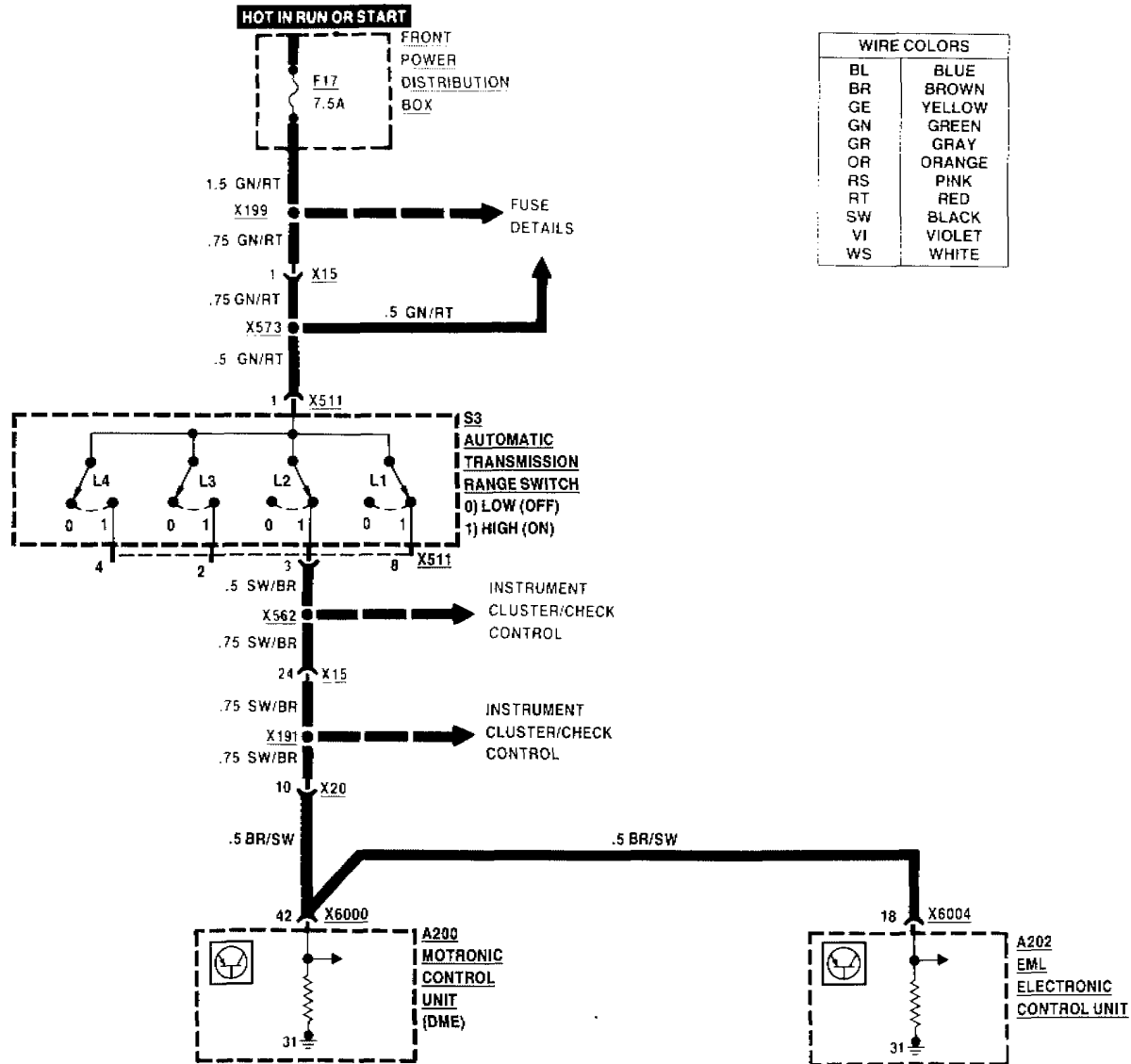
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

03/92

1374-04

1991

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

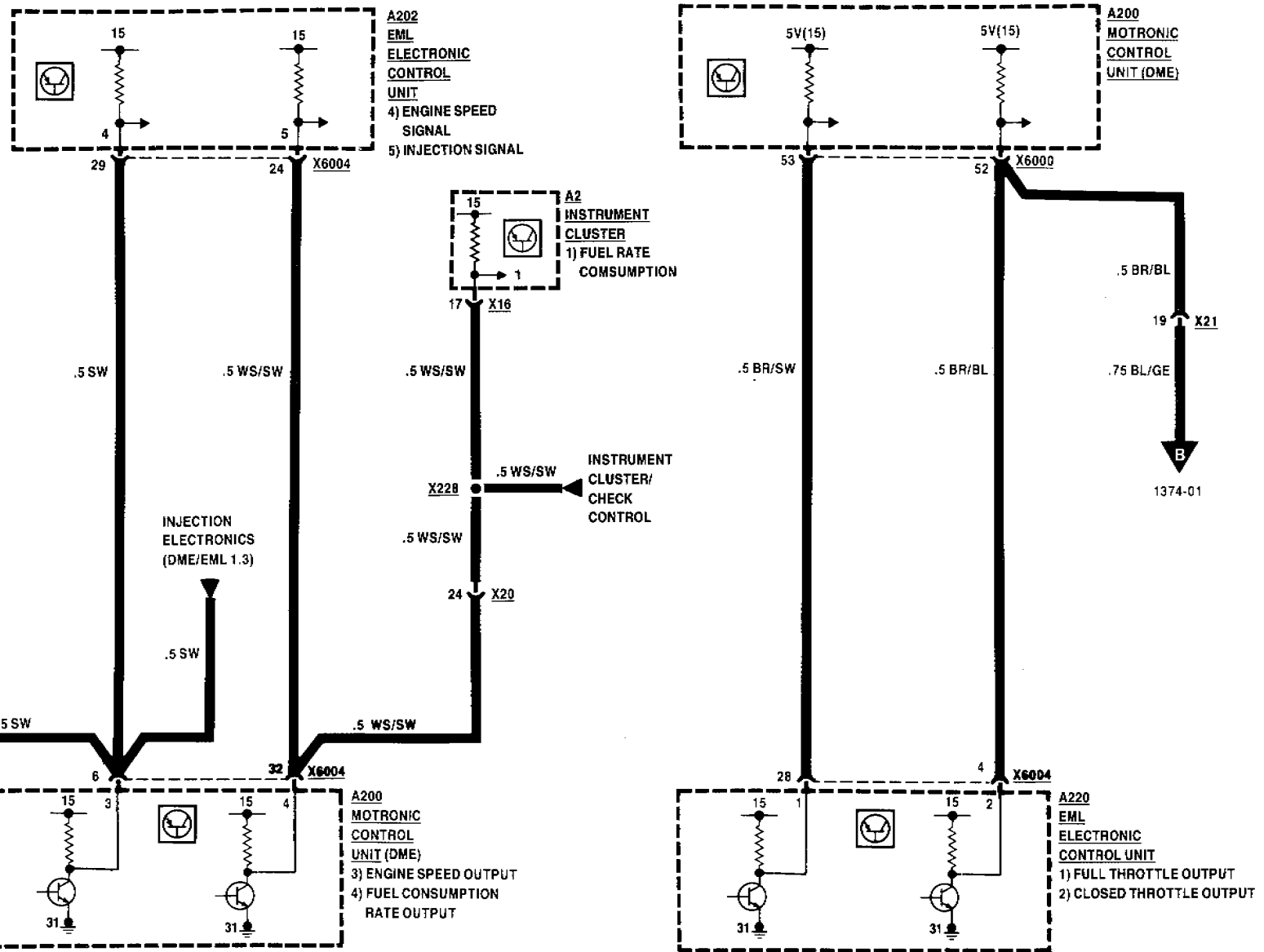


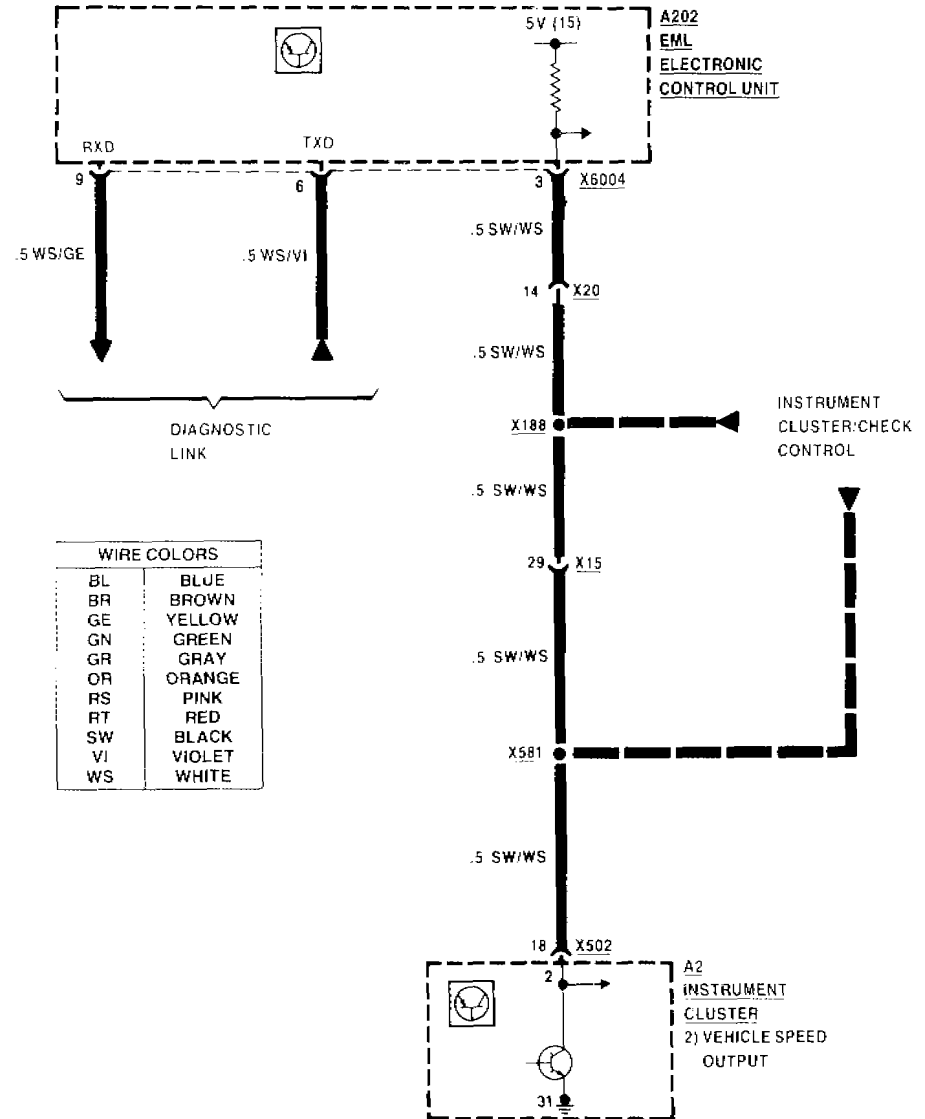
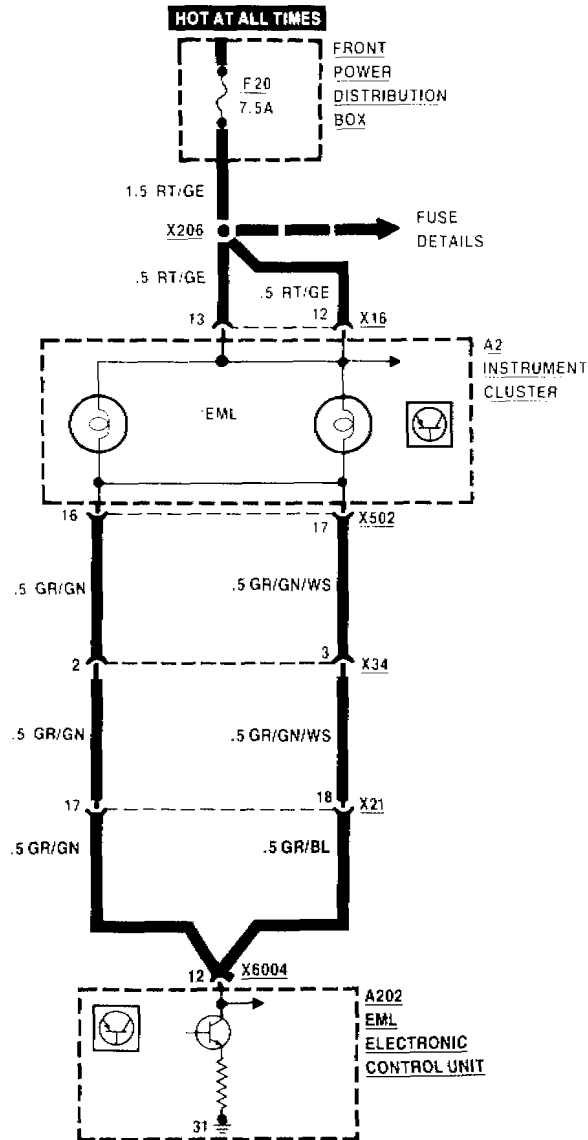


ELECTRONIC THROTTLE CONTROL (EML)

735i, 735iL

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



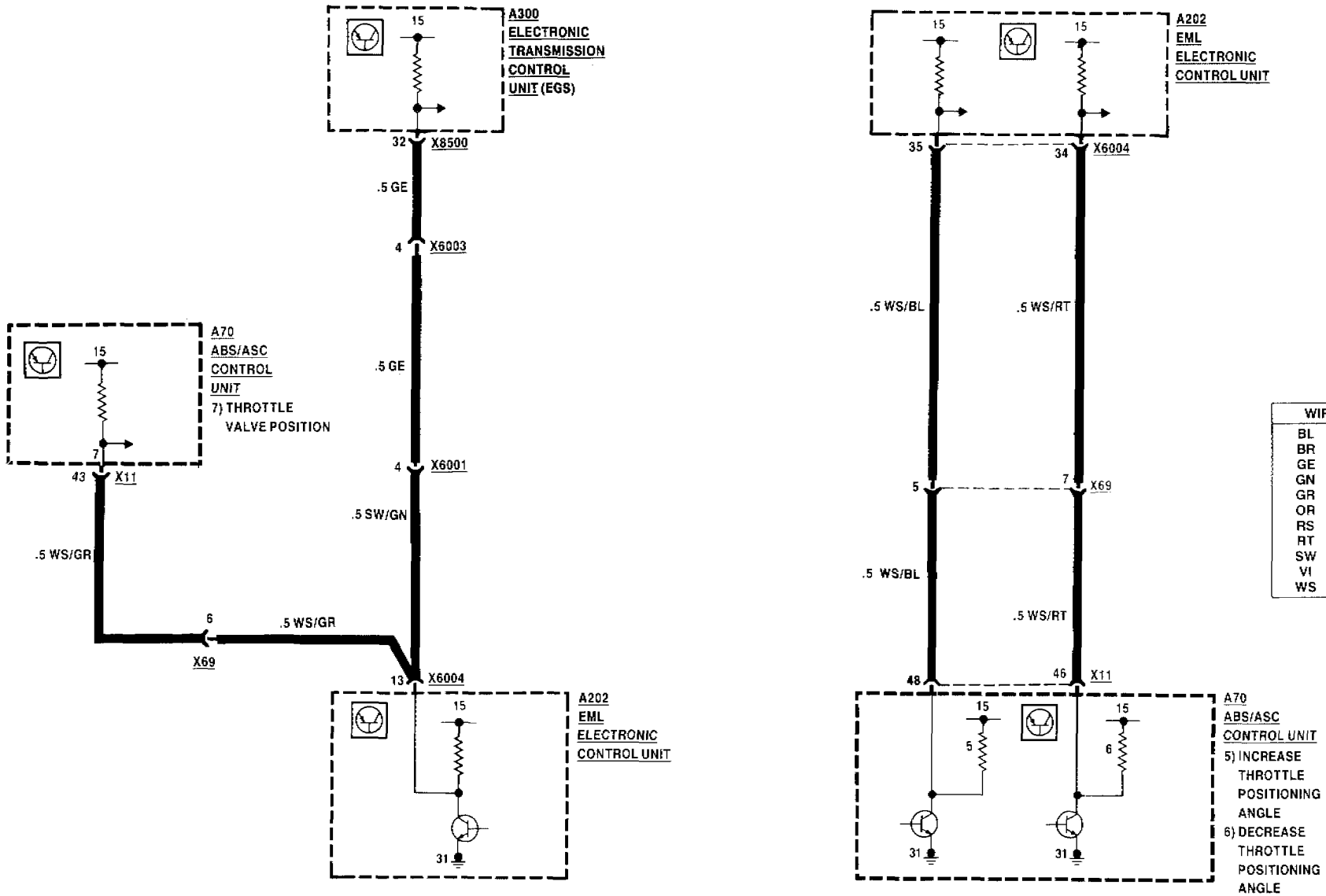


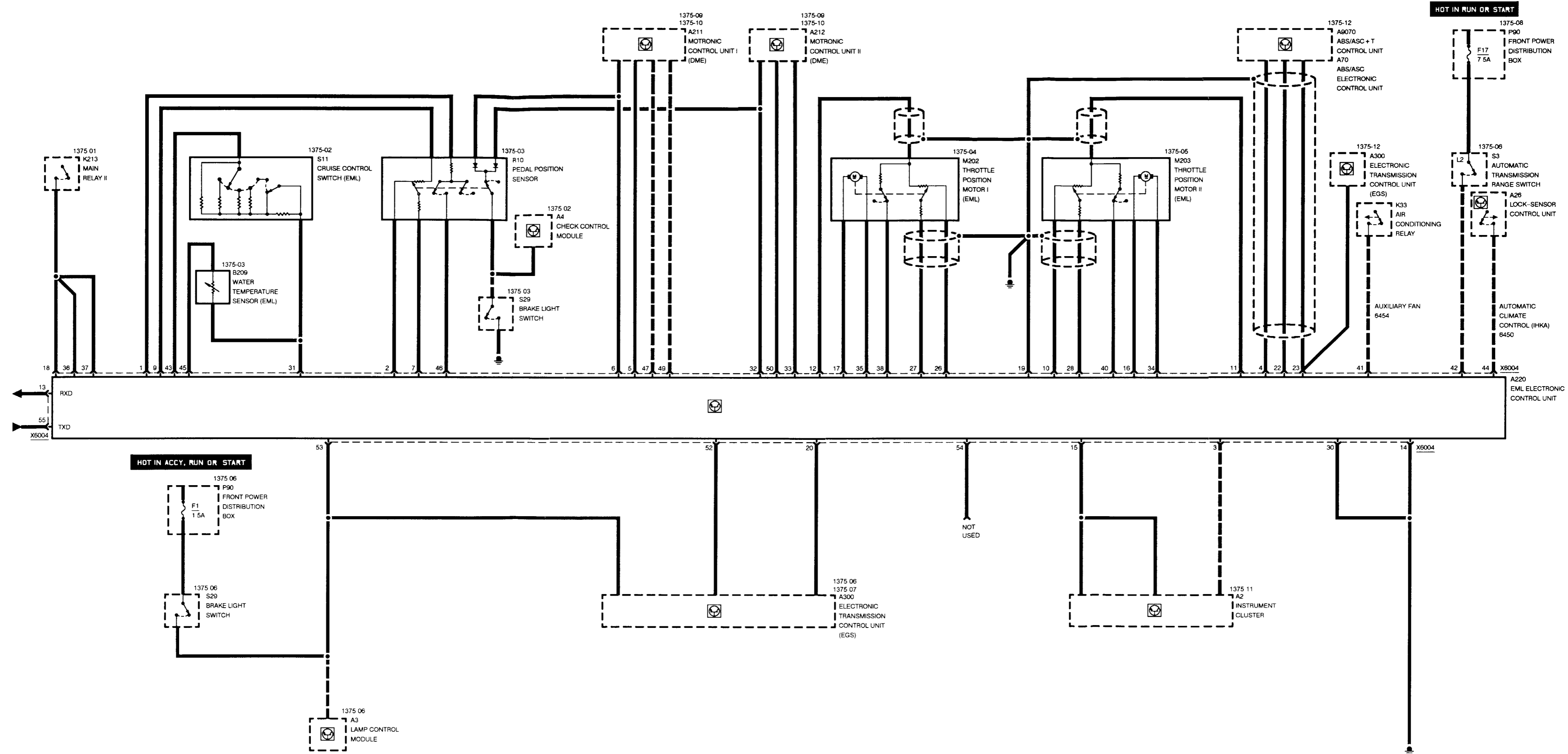
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



ELECTRONIC THROTTLE CONTROL

735i, 735iL

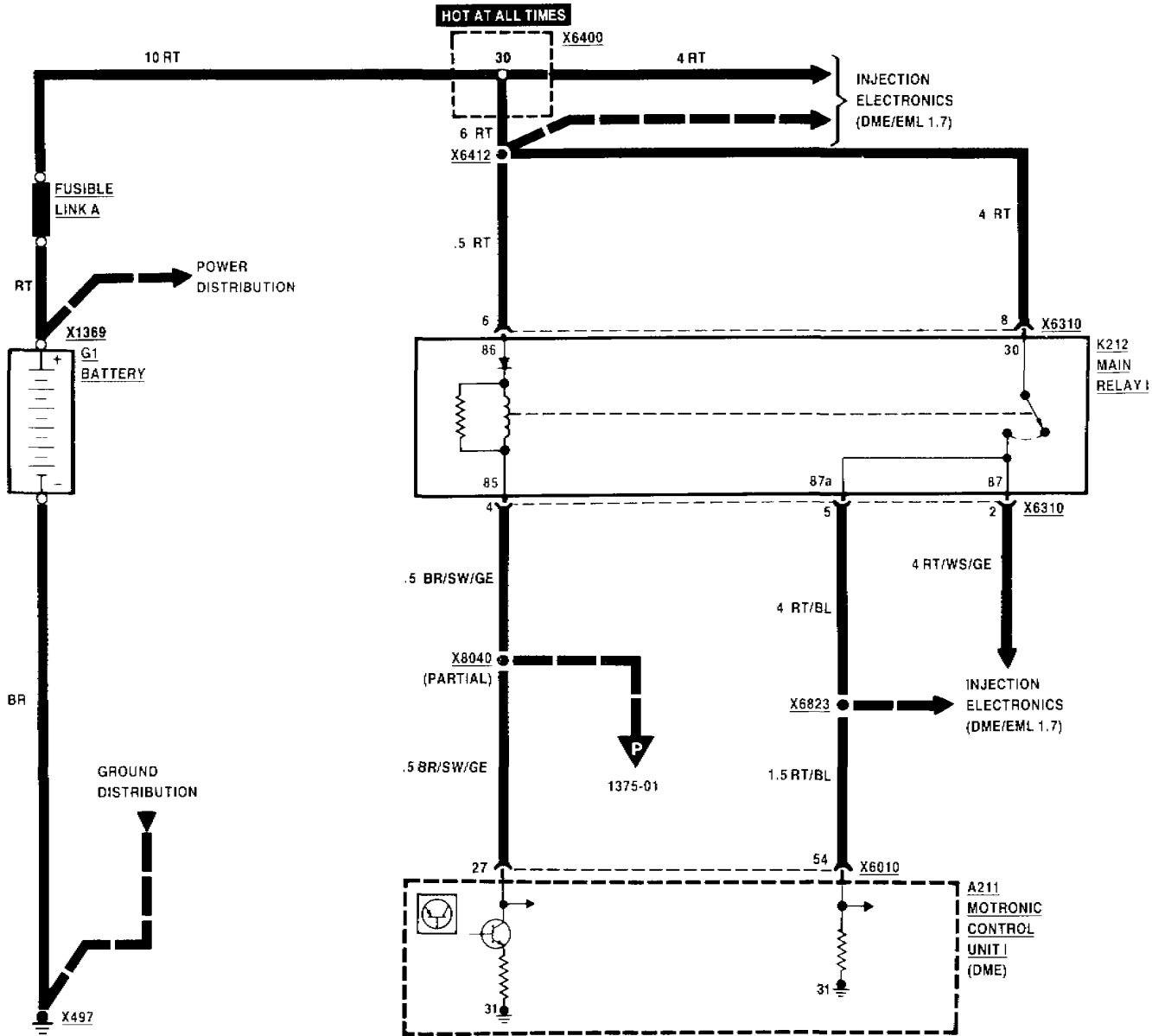






ELECTRONIC THROTTLE CONTROL (EML)

750iL



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



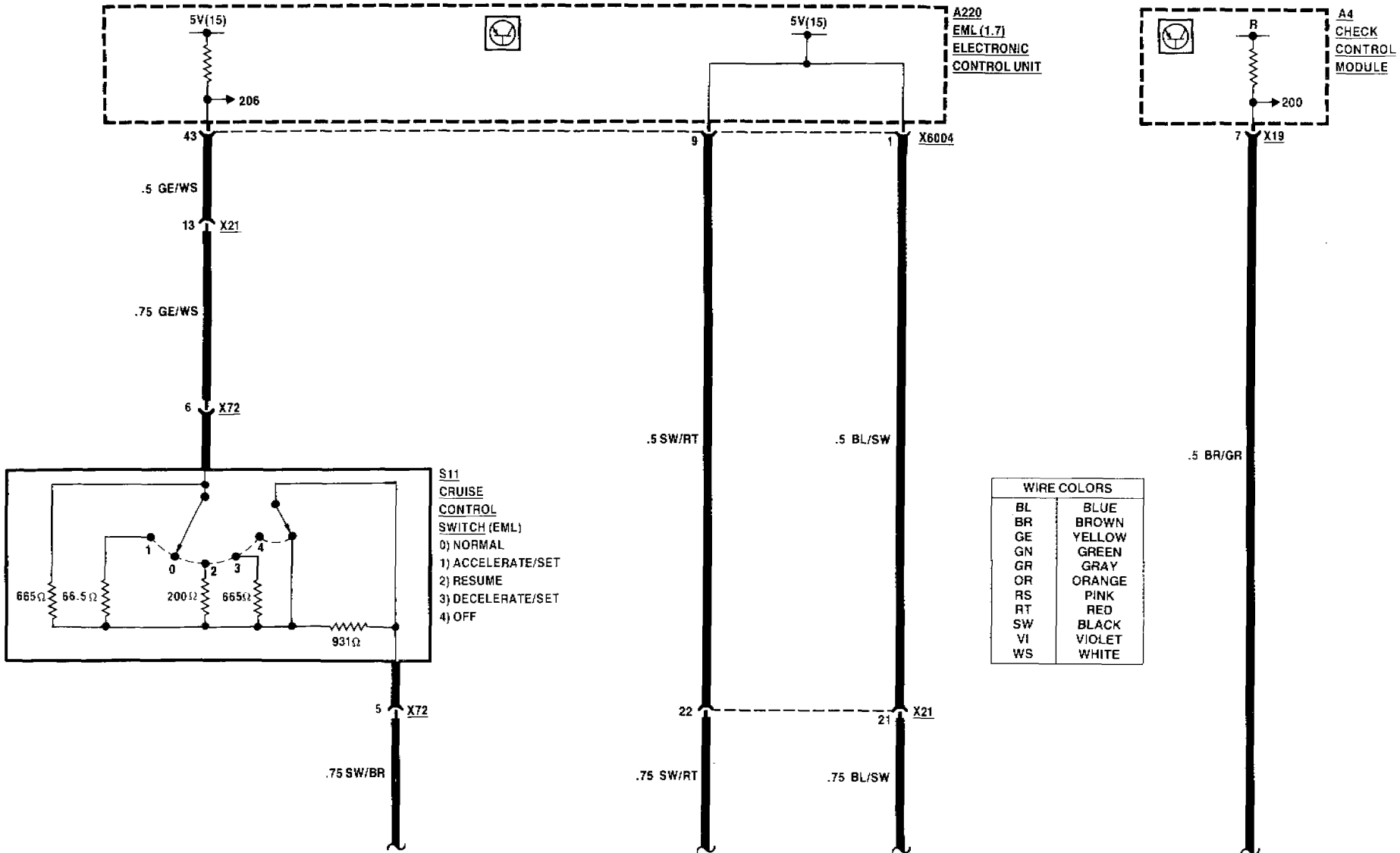
ELECTRONIC THROTTLE CONTROL (EML 1.7)

750iL

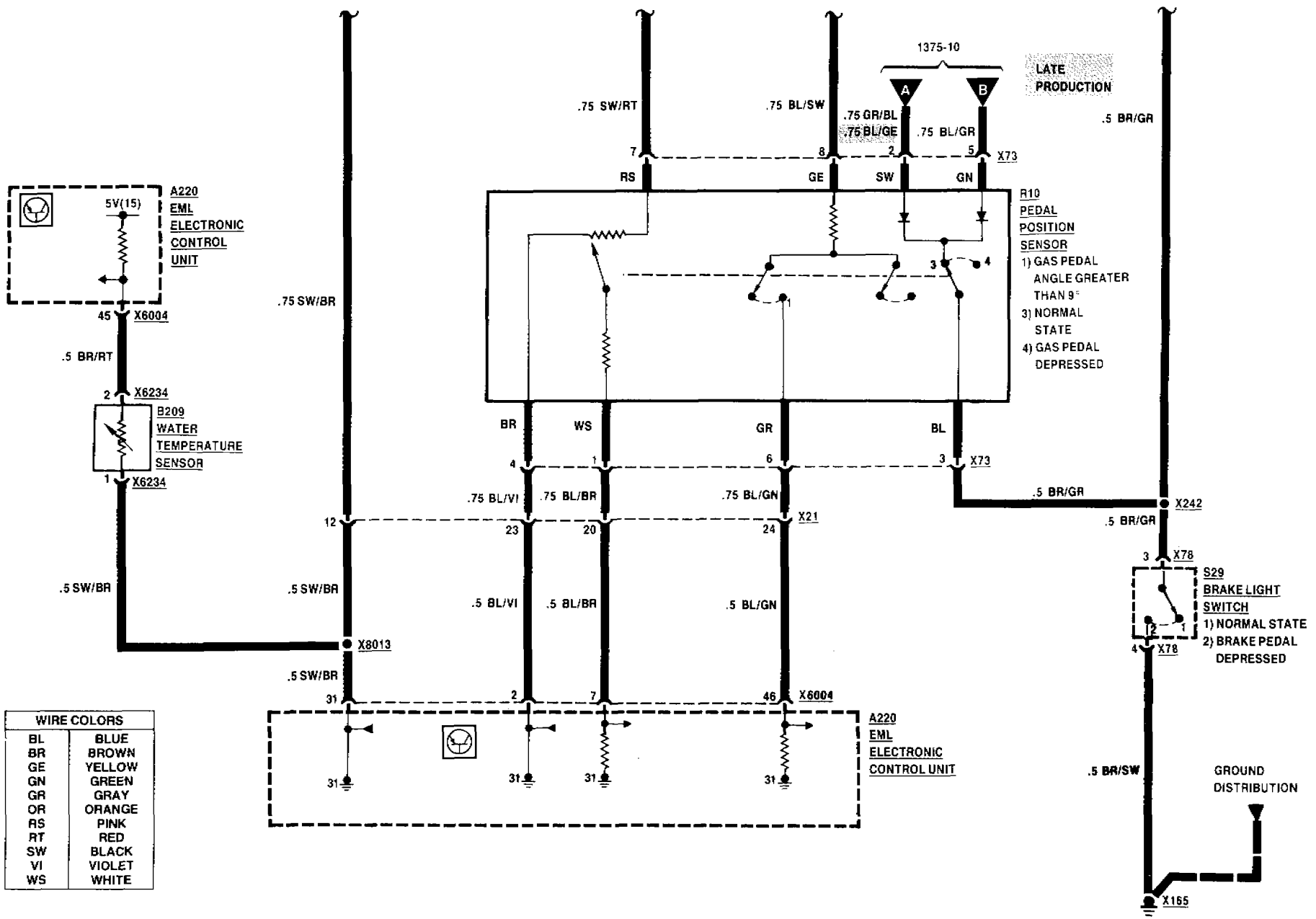
10/90

1375-02

1991



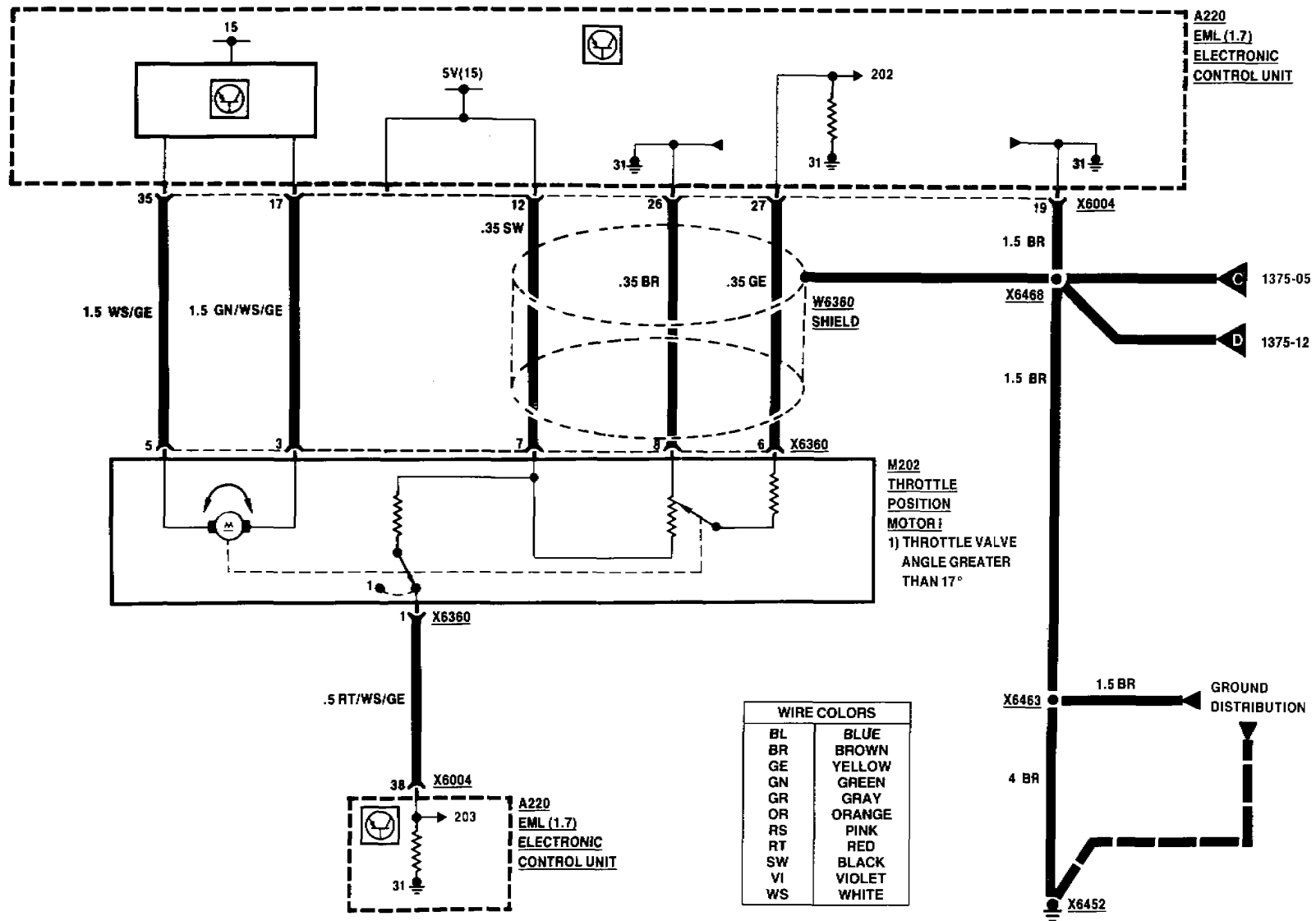
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





ELECTRONIC THROTTLE CONTROL (EML 1.7)

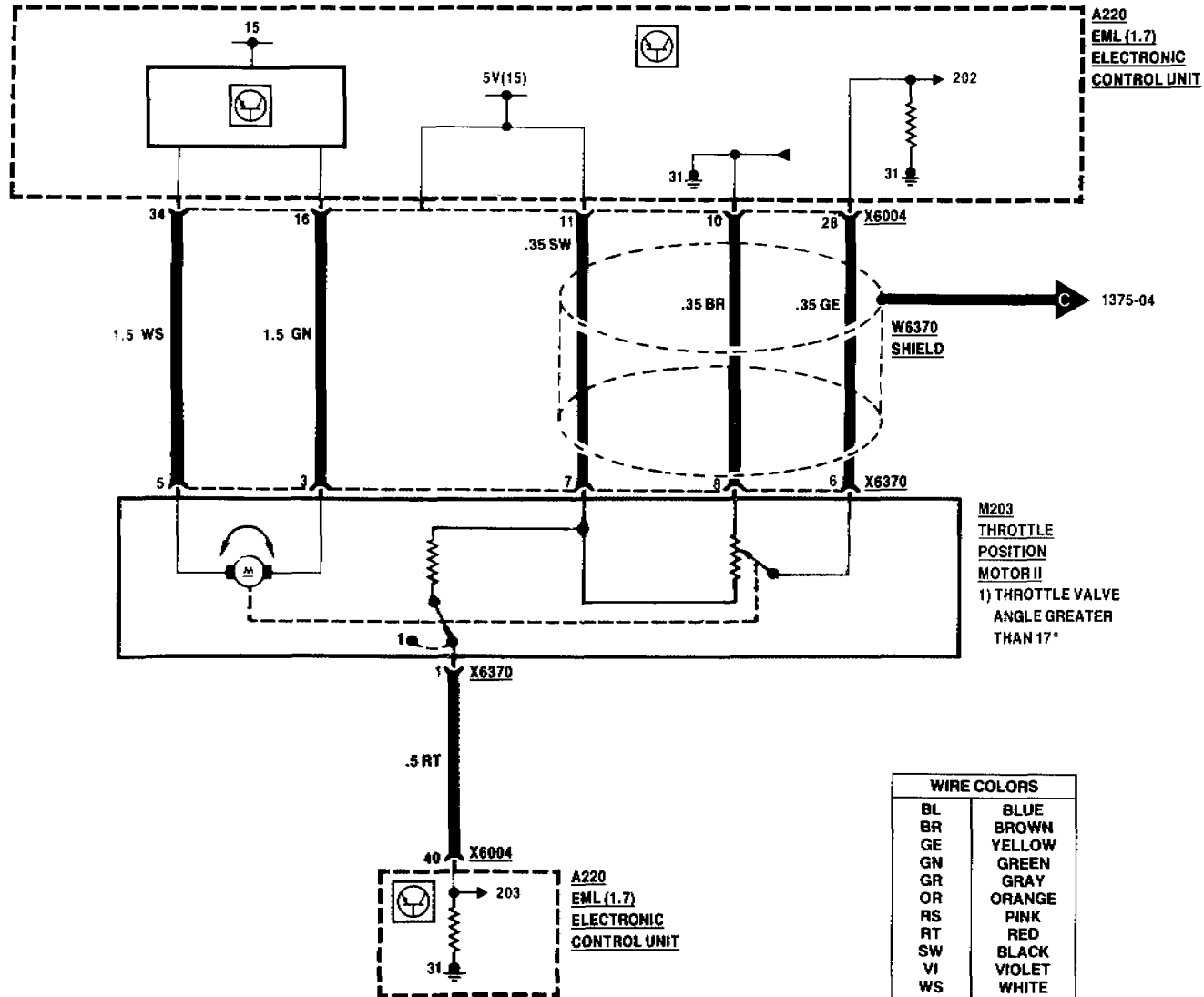
750iL





ELECTRONIC THROTTLE CONTROL (EML 1.7)

750iL



03/92

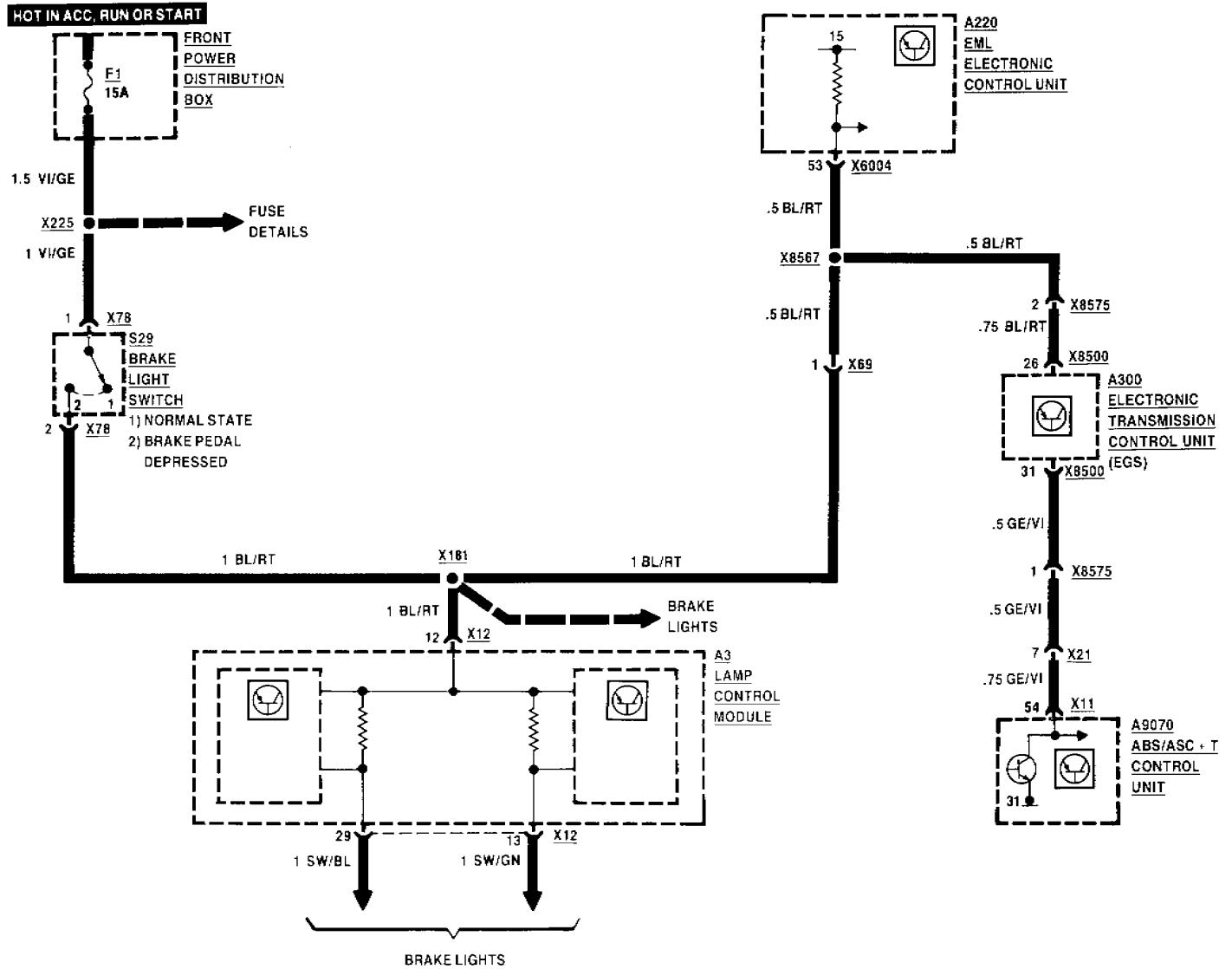
1375-05

1991



ELECTRONIC THROTTLE CONTROL (EML)

750iL

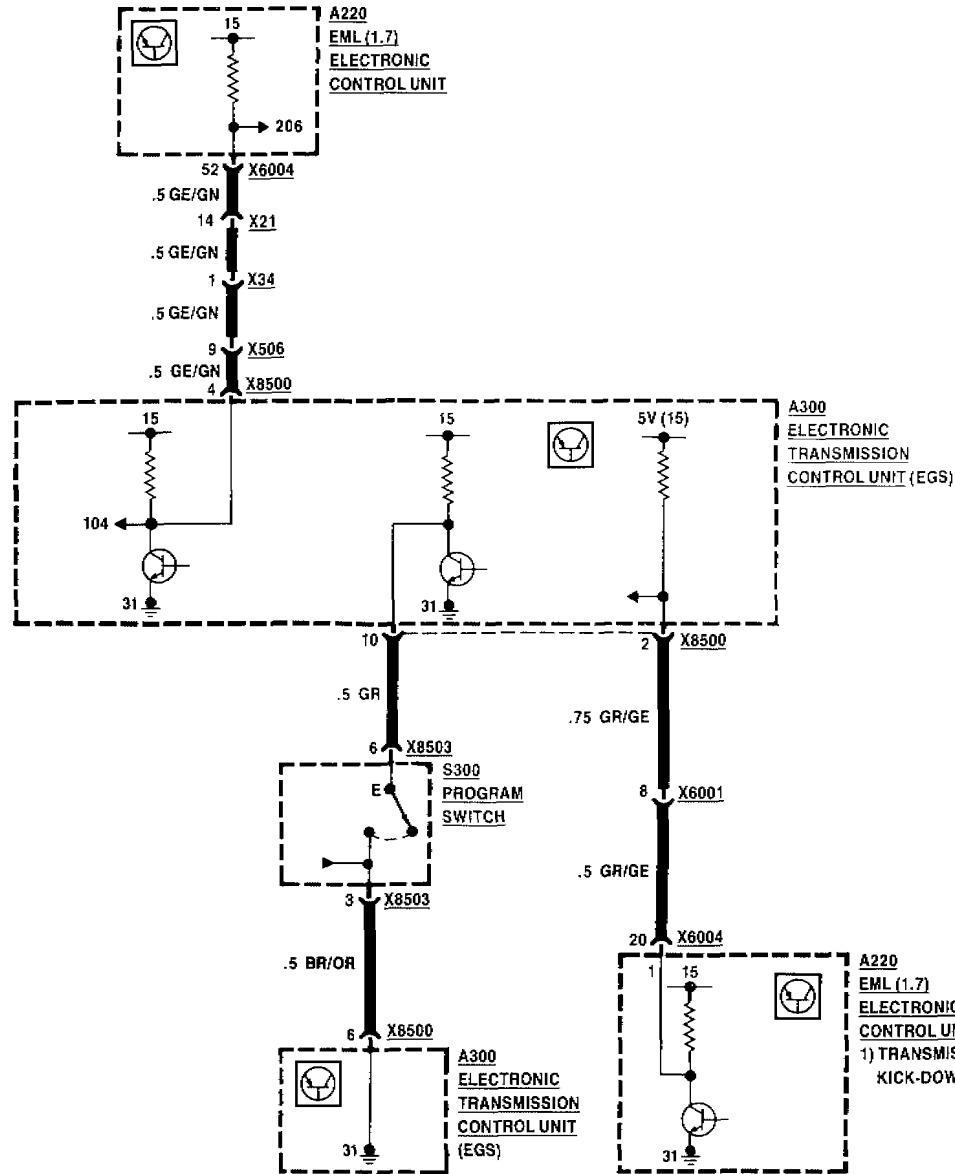


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



ELECTRONIC THROTTLE CONTROL (EML 1.7)

750iL



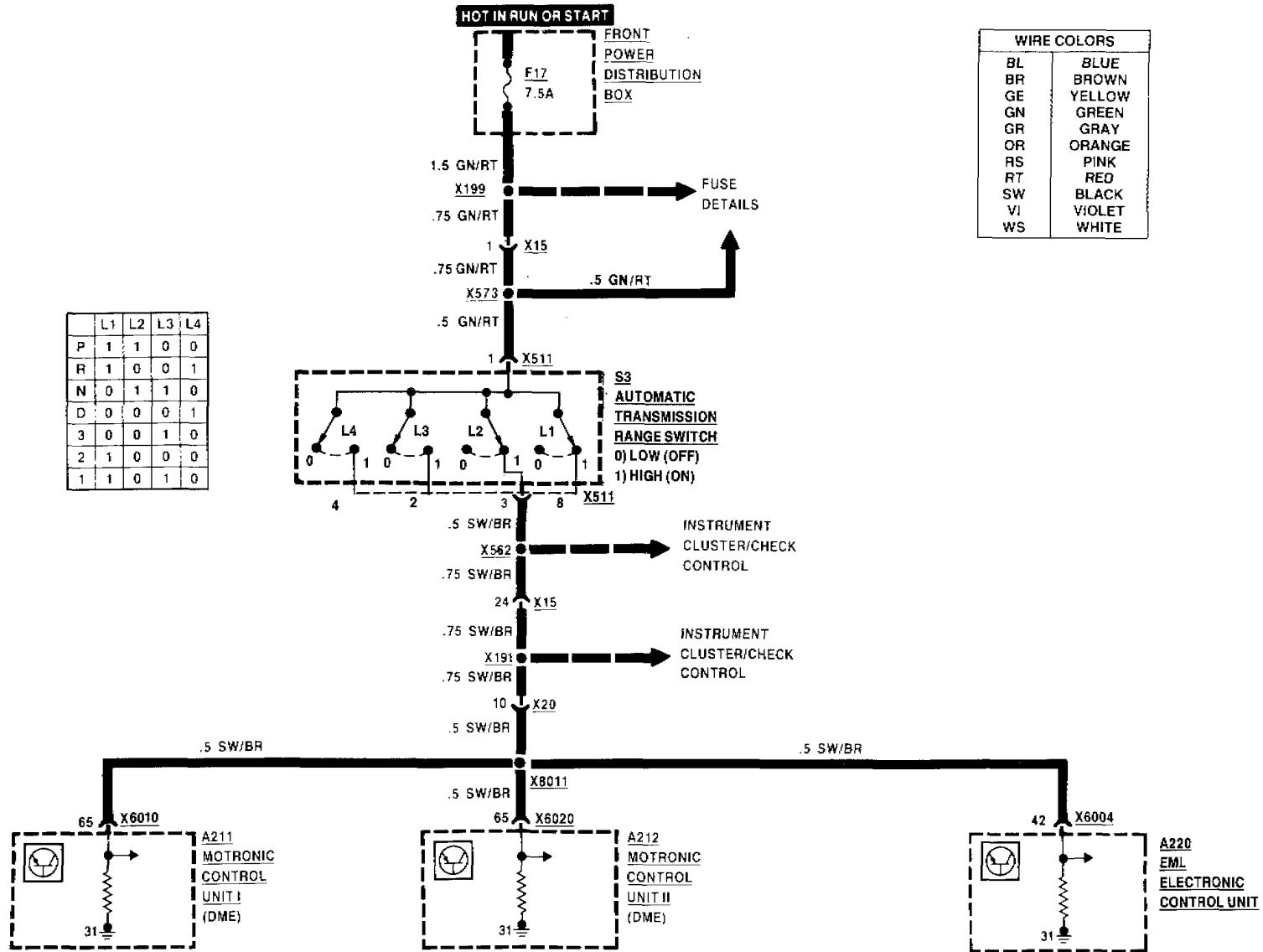
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



ELECTRONIC THROTTLE CONTROL (EML)

750iL

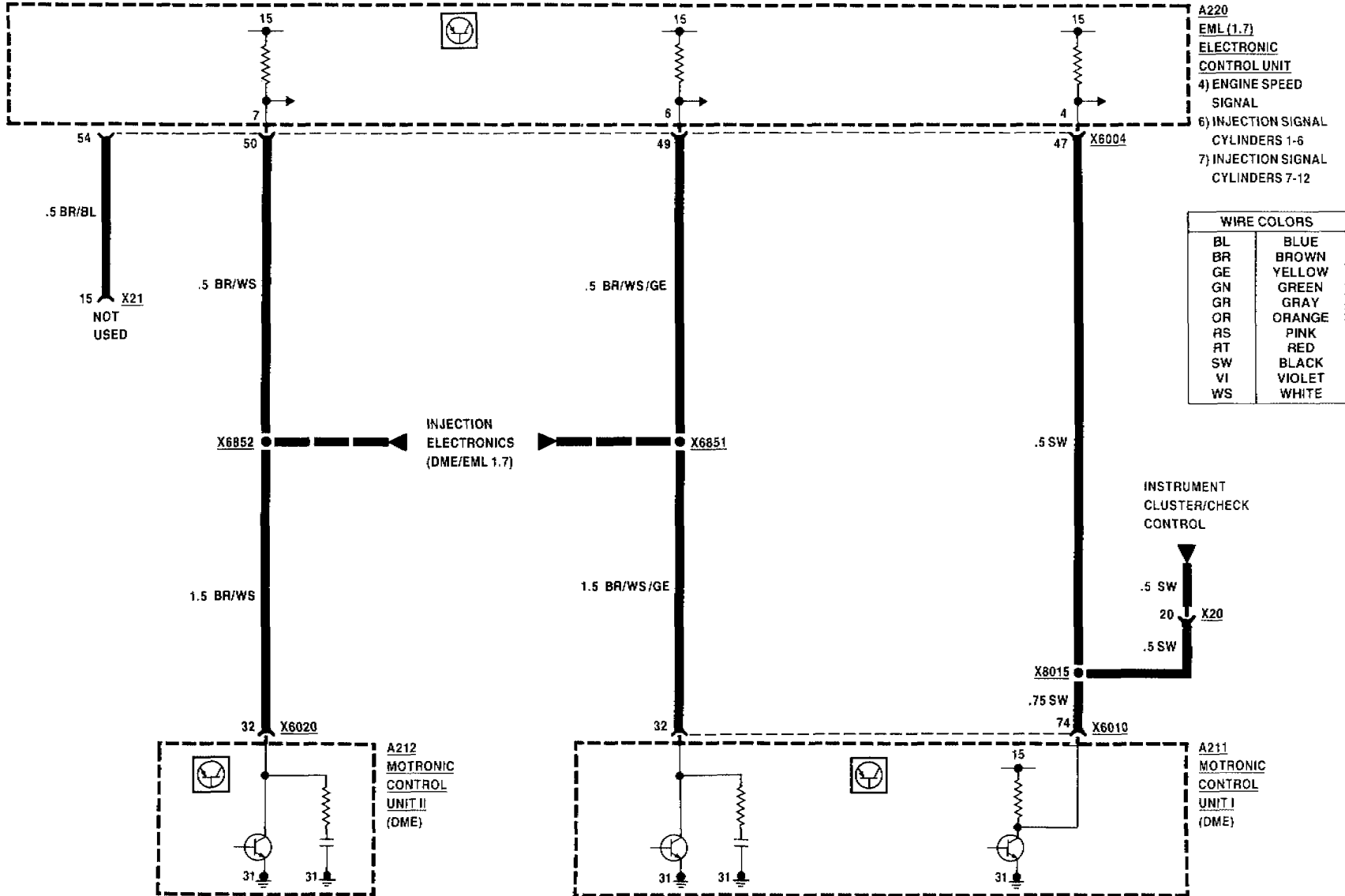
| | L1 | L2 | L3 | L4 |
|---|----|----|----|----|
| P | 1 | 1 | 0 | 0 |
| R | 1 | 0 | 0 | 1 |
| N | 0 | 1 | 1 | 0 |
| D | 0 | 0 | 0 | 1 |
| 3 | 0 | 0 | 1 | 0 |
| 2 | 1 | 0 | 0 | 0 |
| 1 | 1 | 0 | 1 | 0 |





ELECTRONIC THROTTLE CONTROL (EML 1.7)

750iL



10/90

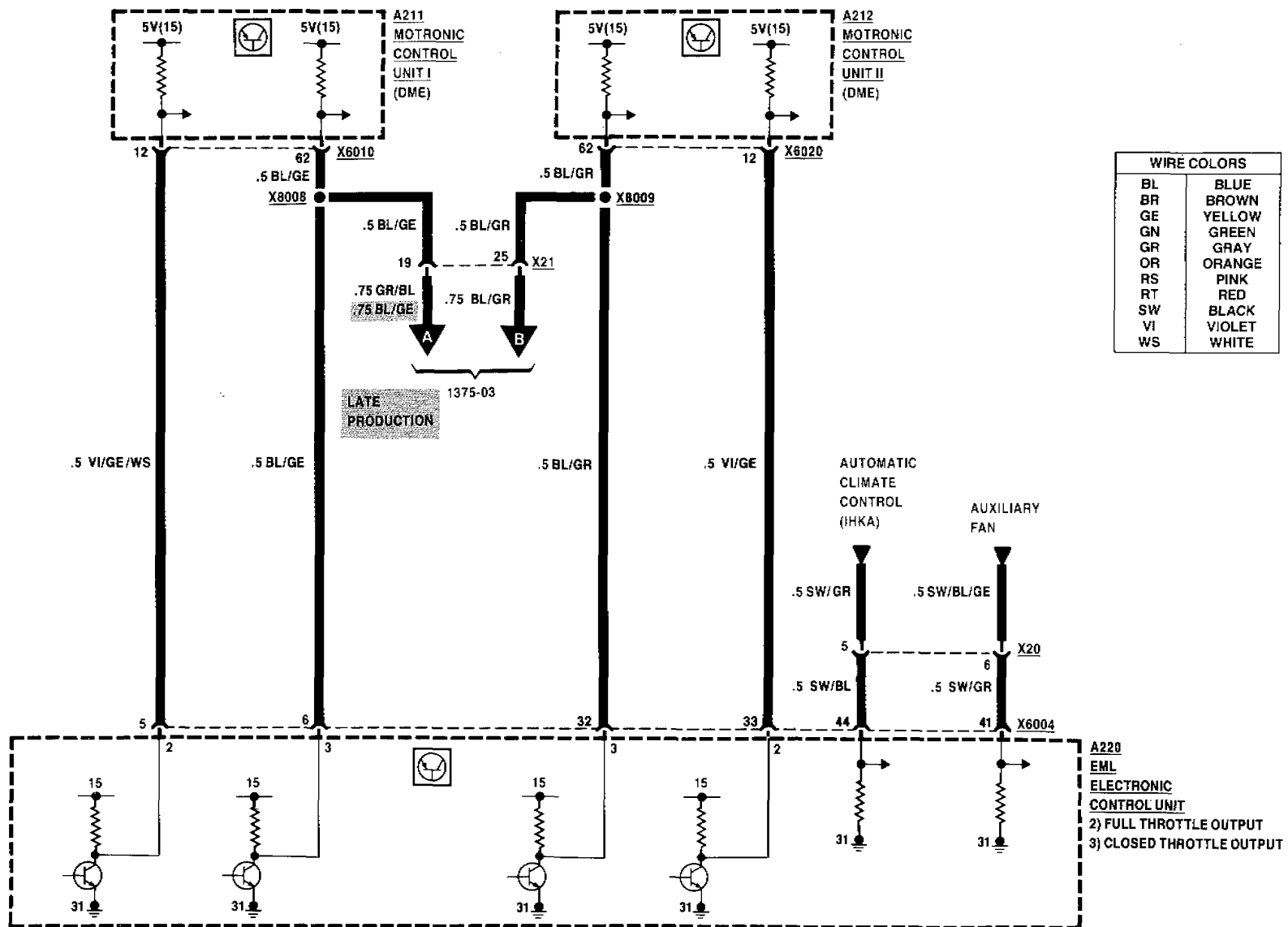
1375-09

1991



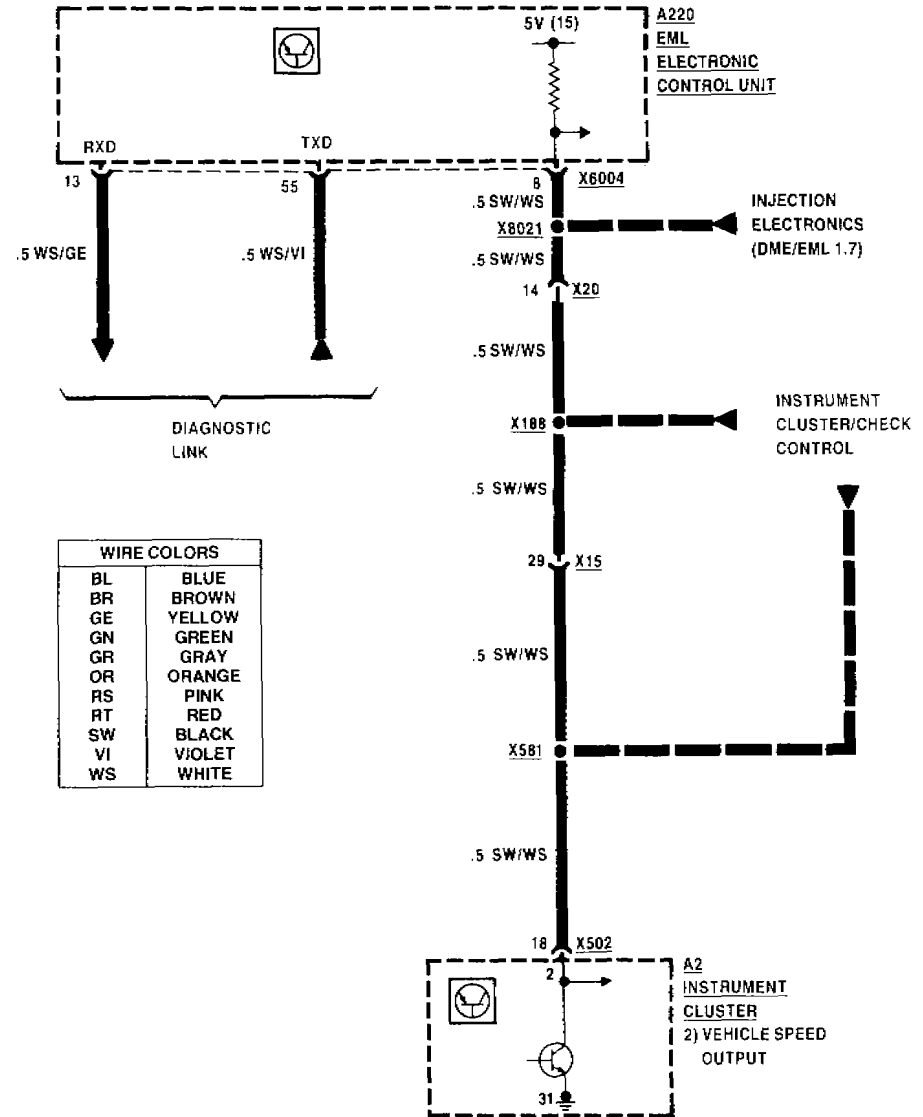
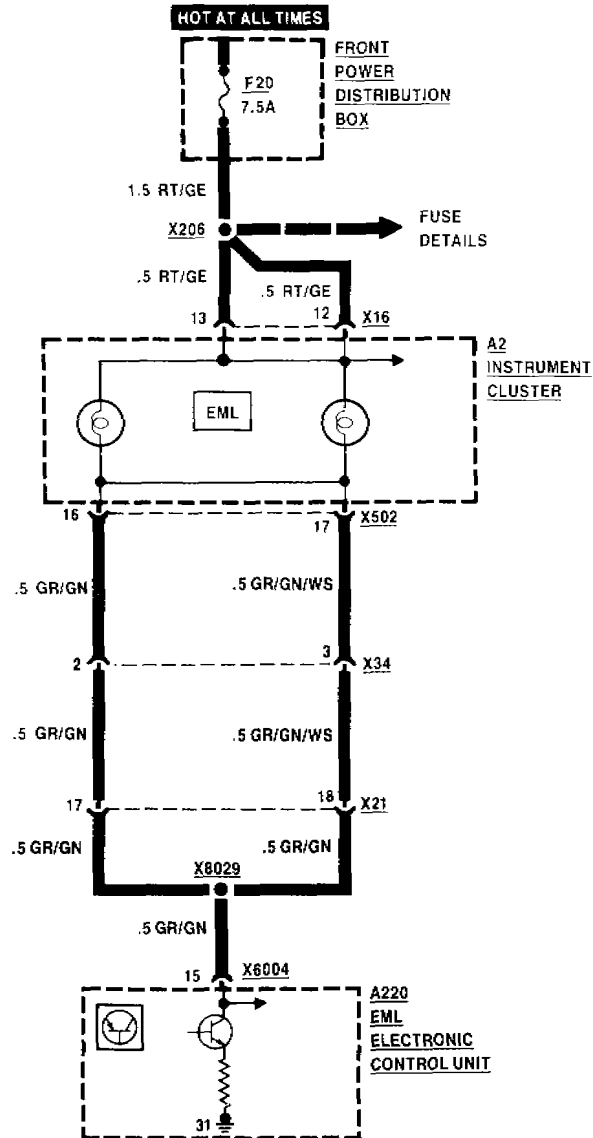
ELECTRONIC THROTTLE CONTROL (EML)

750iL



ELECTRONIC THROTTLE CONTROL (EML)

750iL





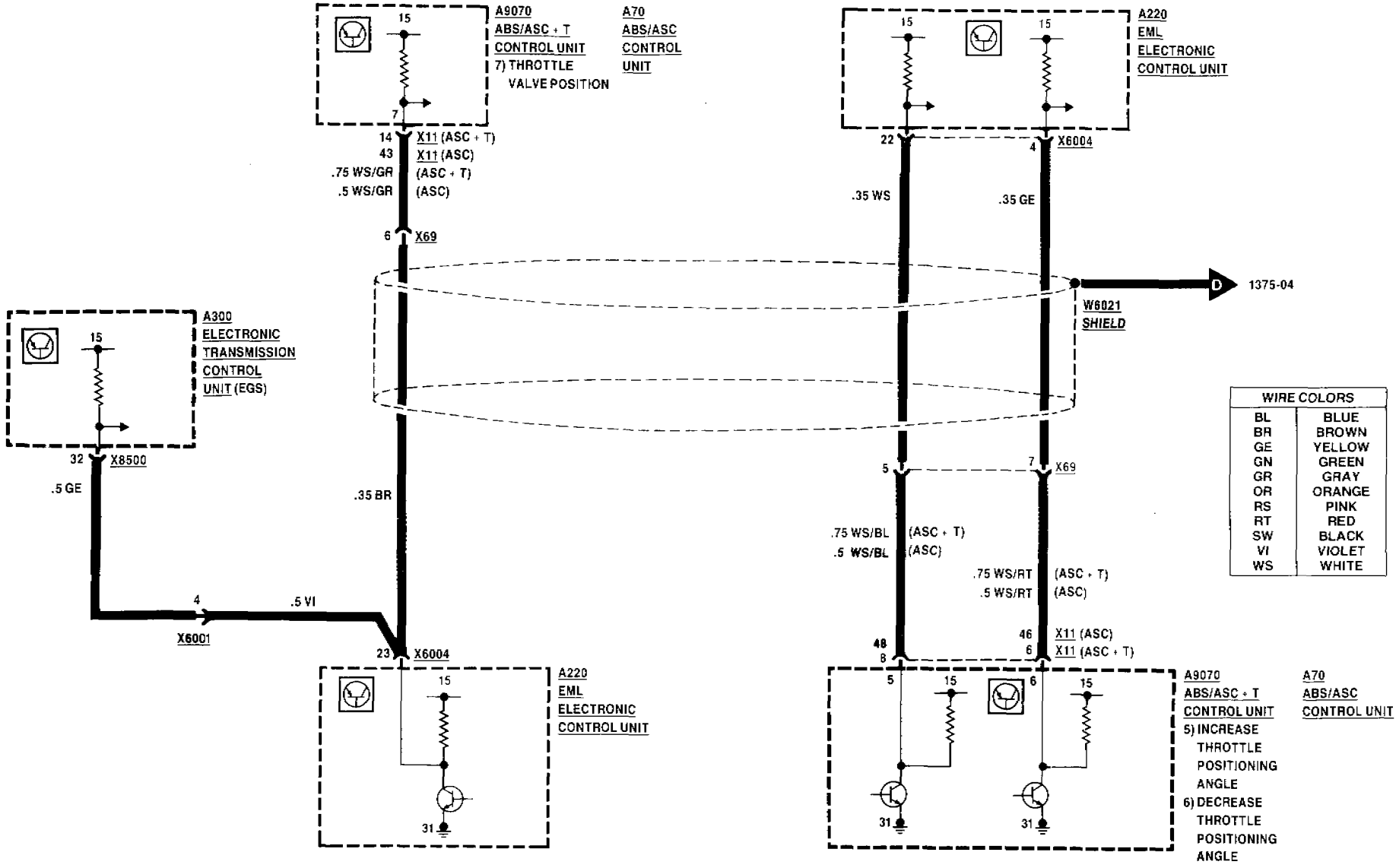
ELECTRONIC THROTTLE CONTROL (EML)

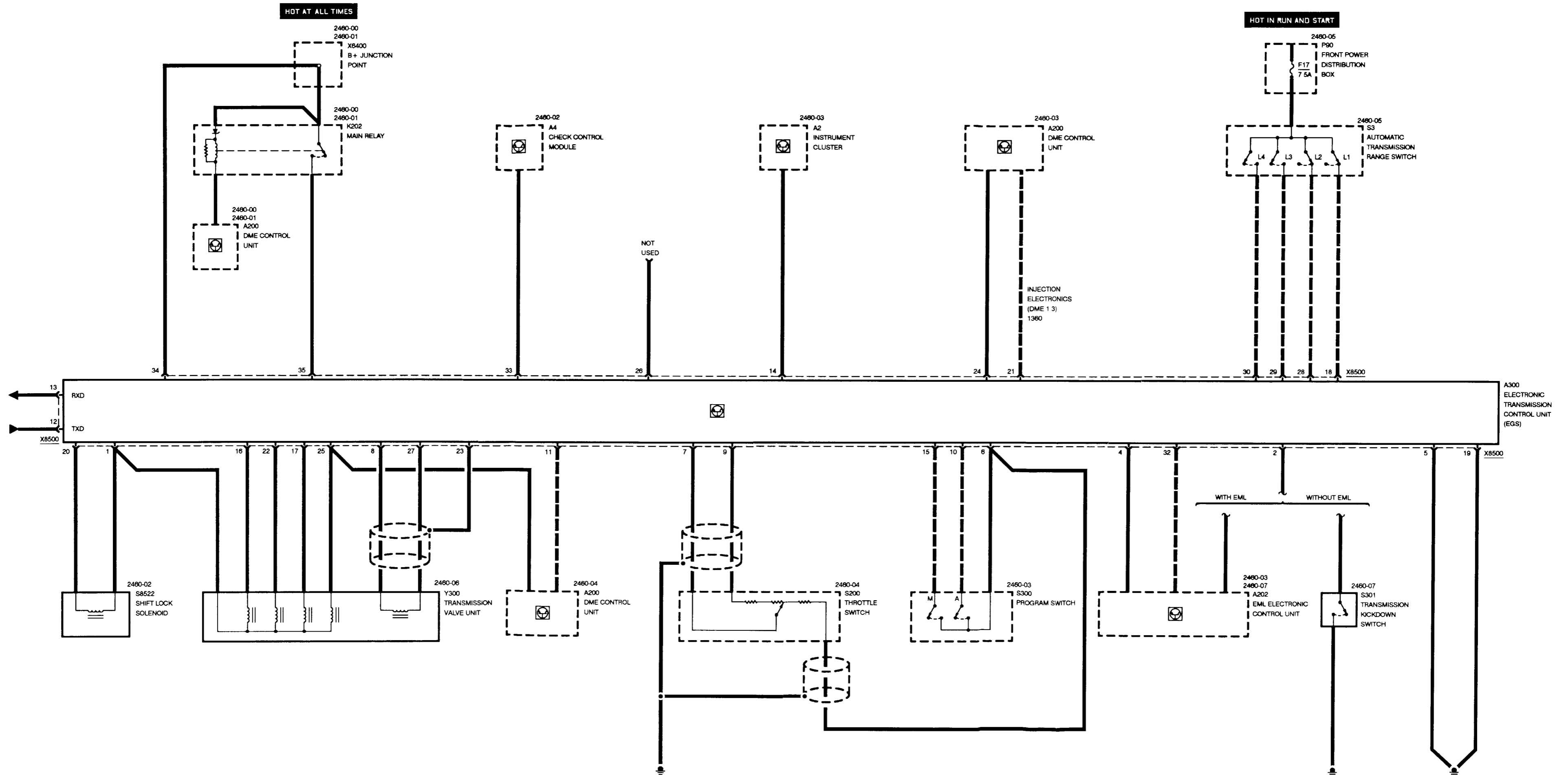
750iL

03/92

1375-12

1991

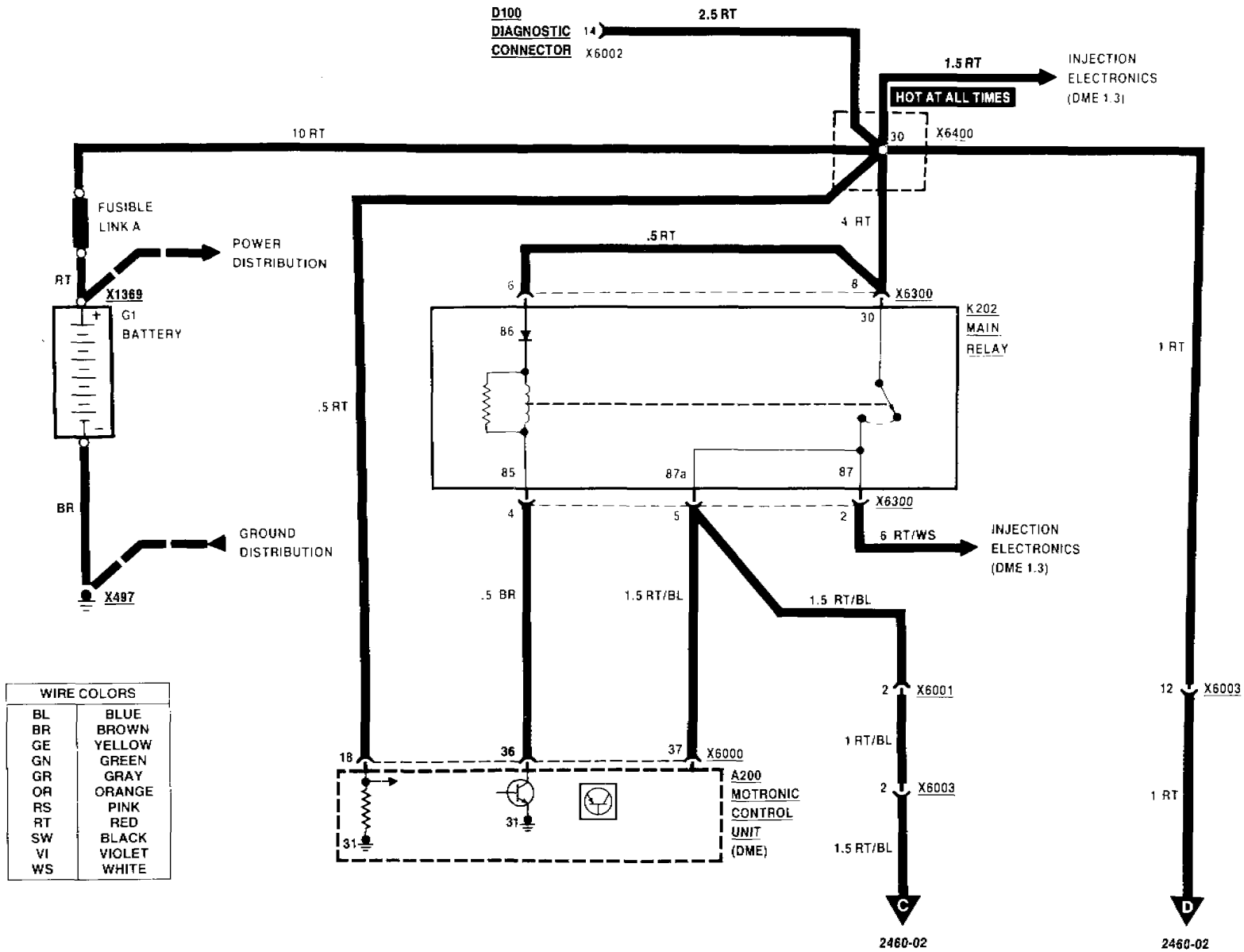






ELECTRONIC TRANSMISSION CONTROL (EGS)

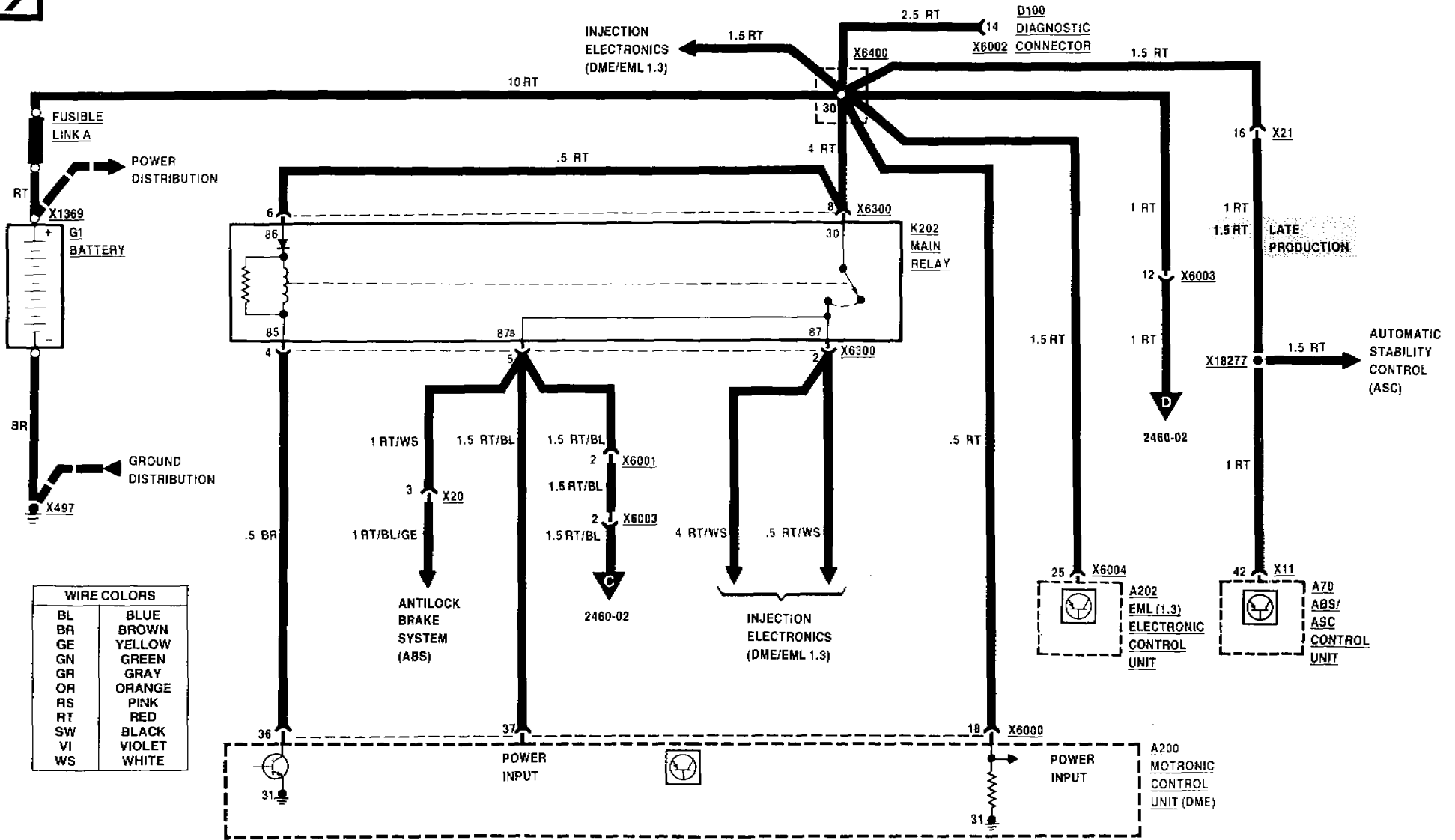
735i, 735iL WITHOUT EML





ELECTRONIC TRANSMISSION CONTROL (EGS)

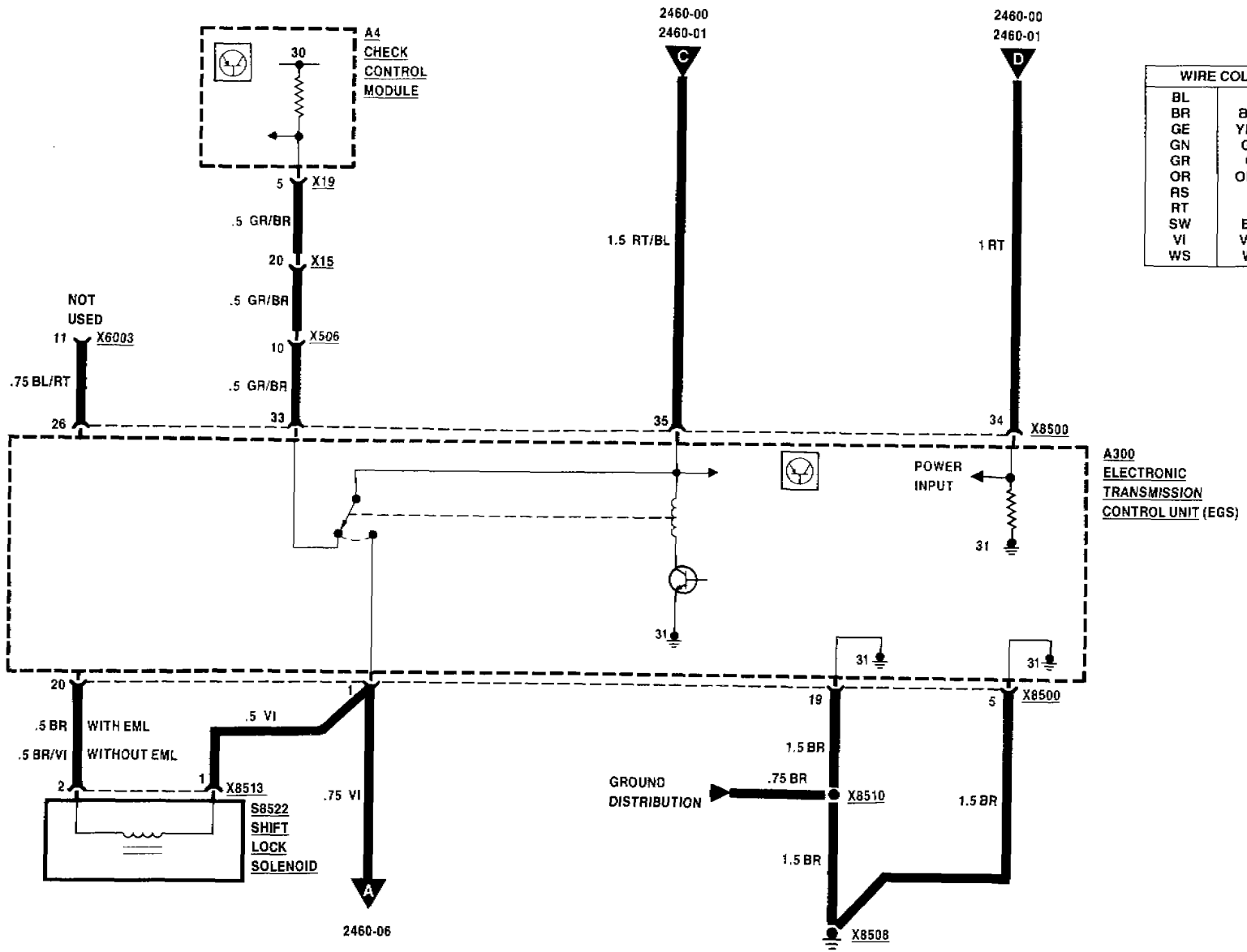
735i, 735iL WITH EML



| 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 (EGS) 735i, 735iL WITH EML



03/92

2460-02

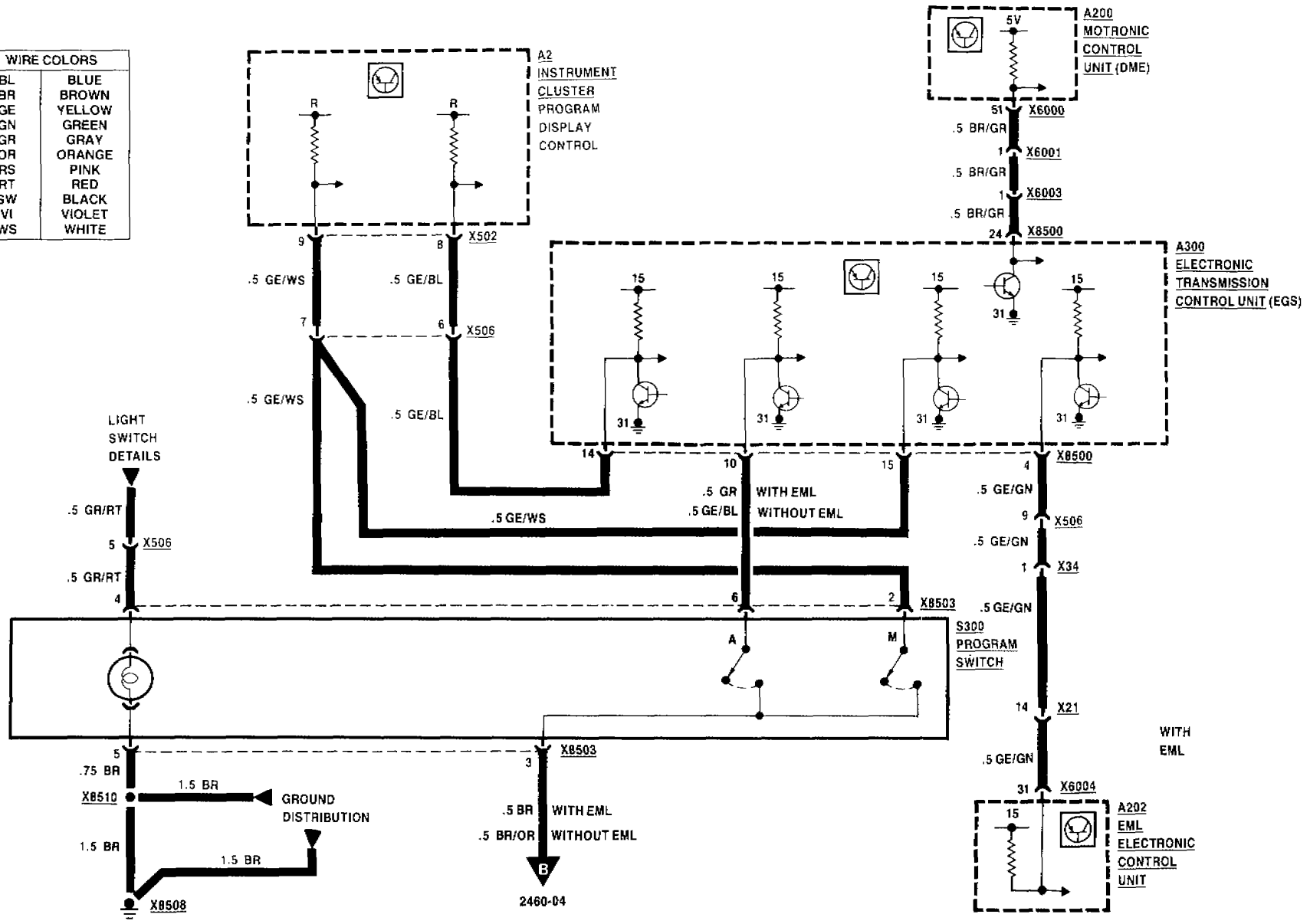
1991



ELECTRONIC TRANSMISSION CONTROL (EGS)

735i, 735iL

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



2460-04

03/92

2460-03

1991



ELECTRONIC TRANSMISSION CONTROL (EGS)

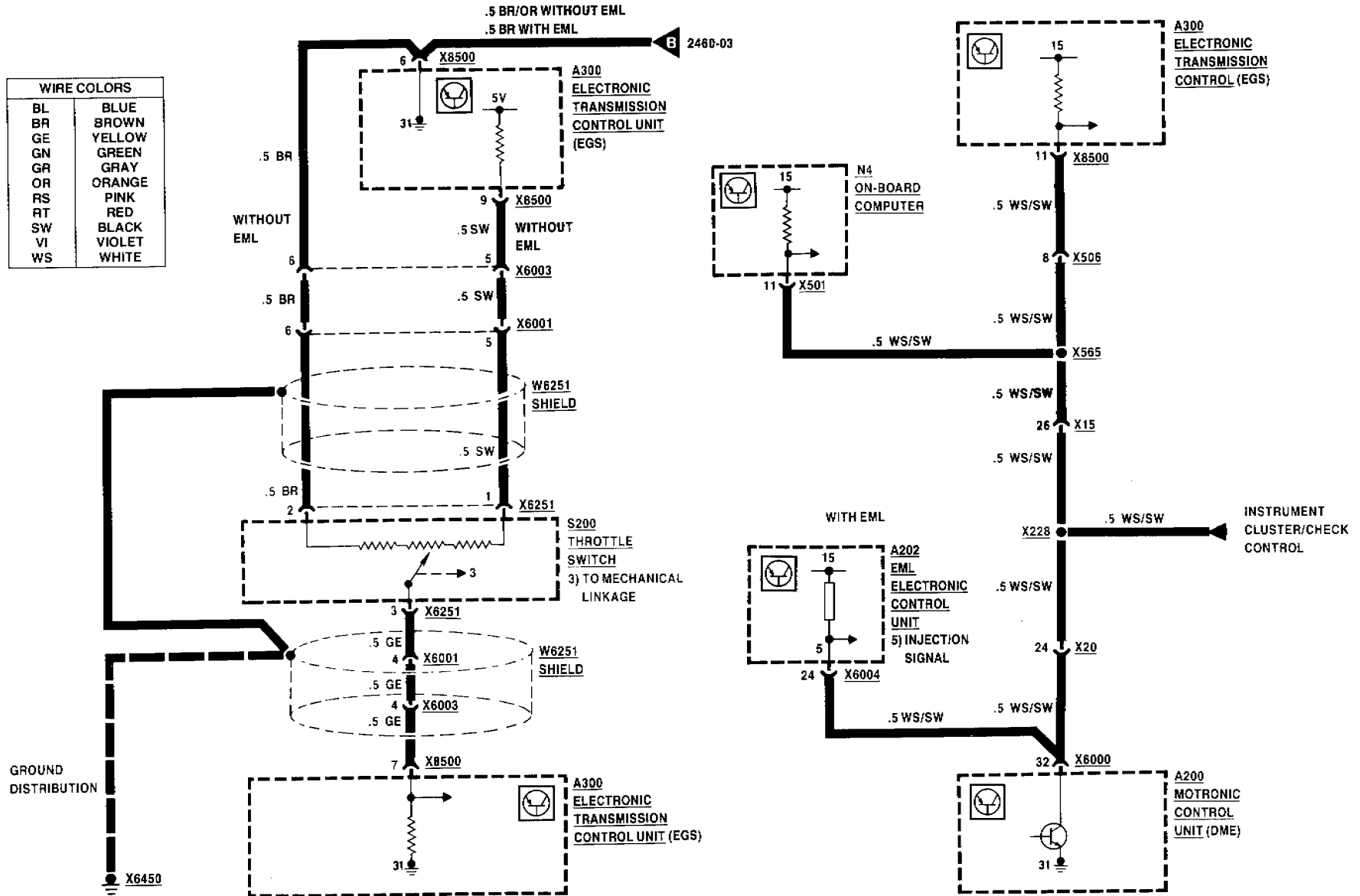
735i, 735iL

03/92

2460-04

1991

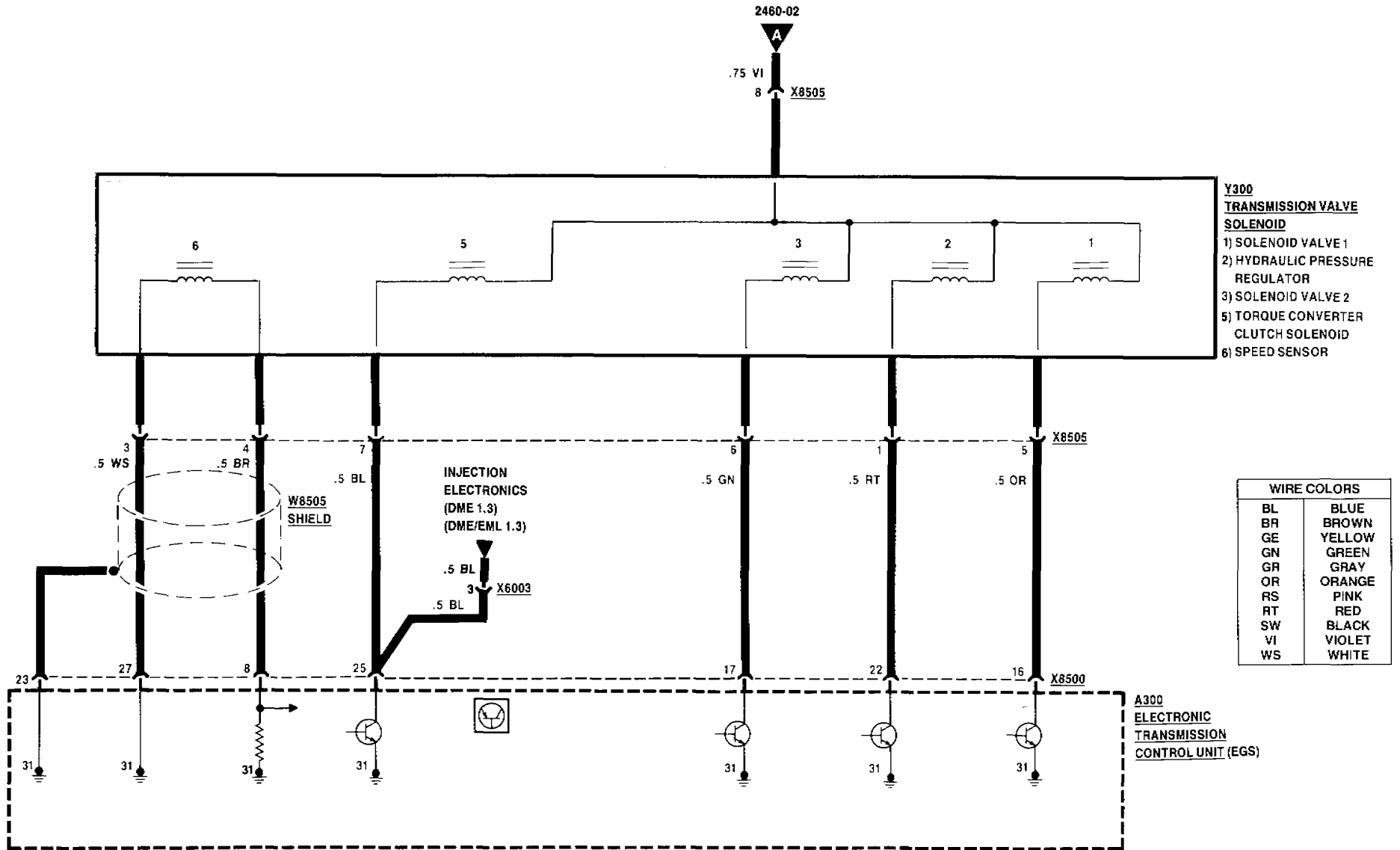
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

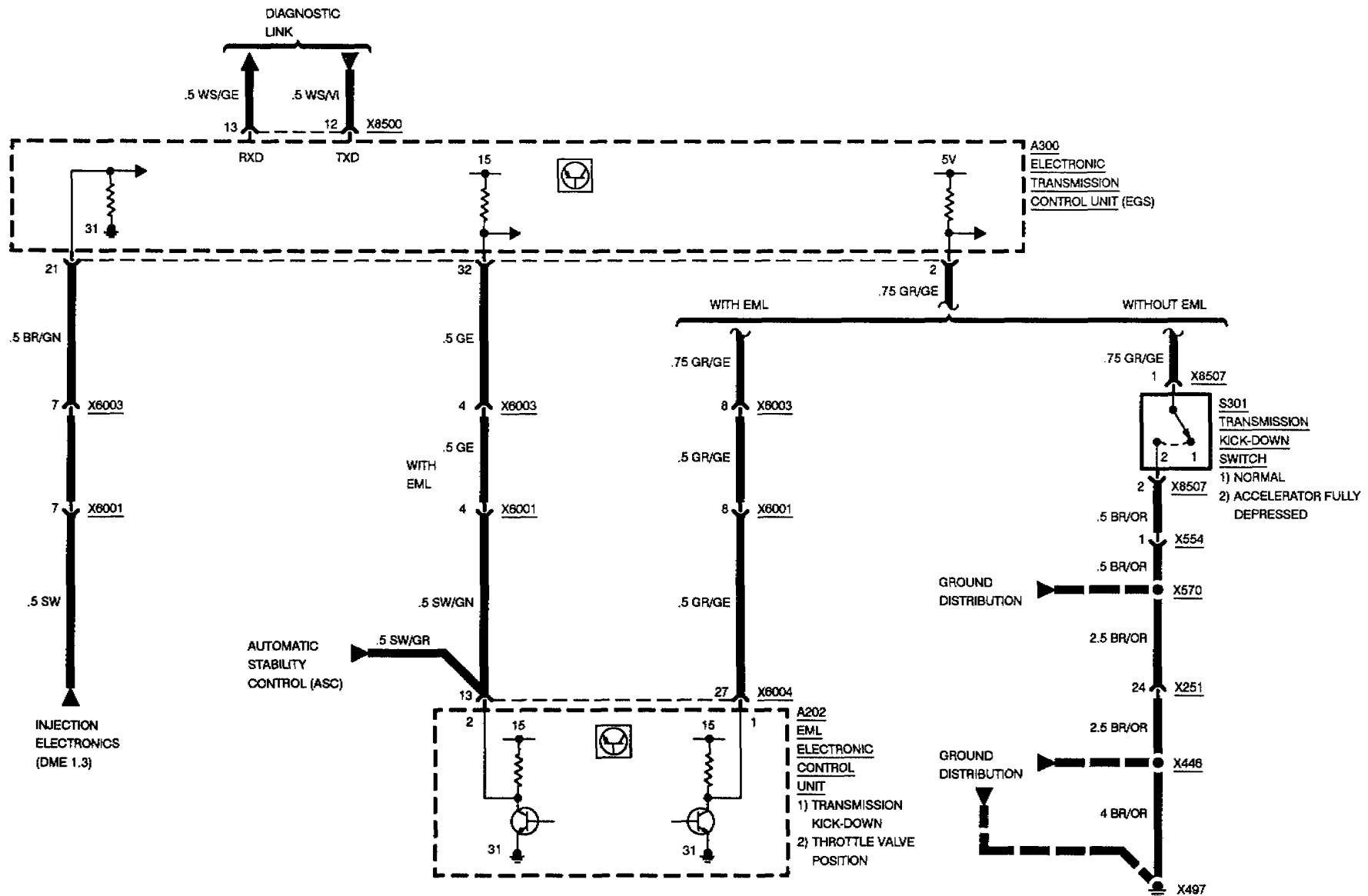


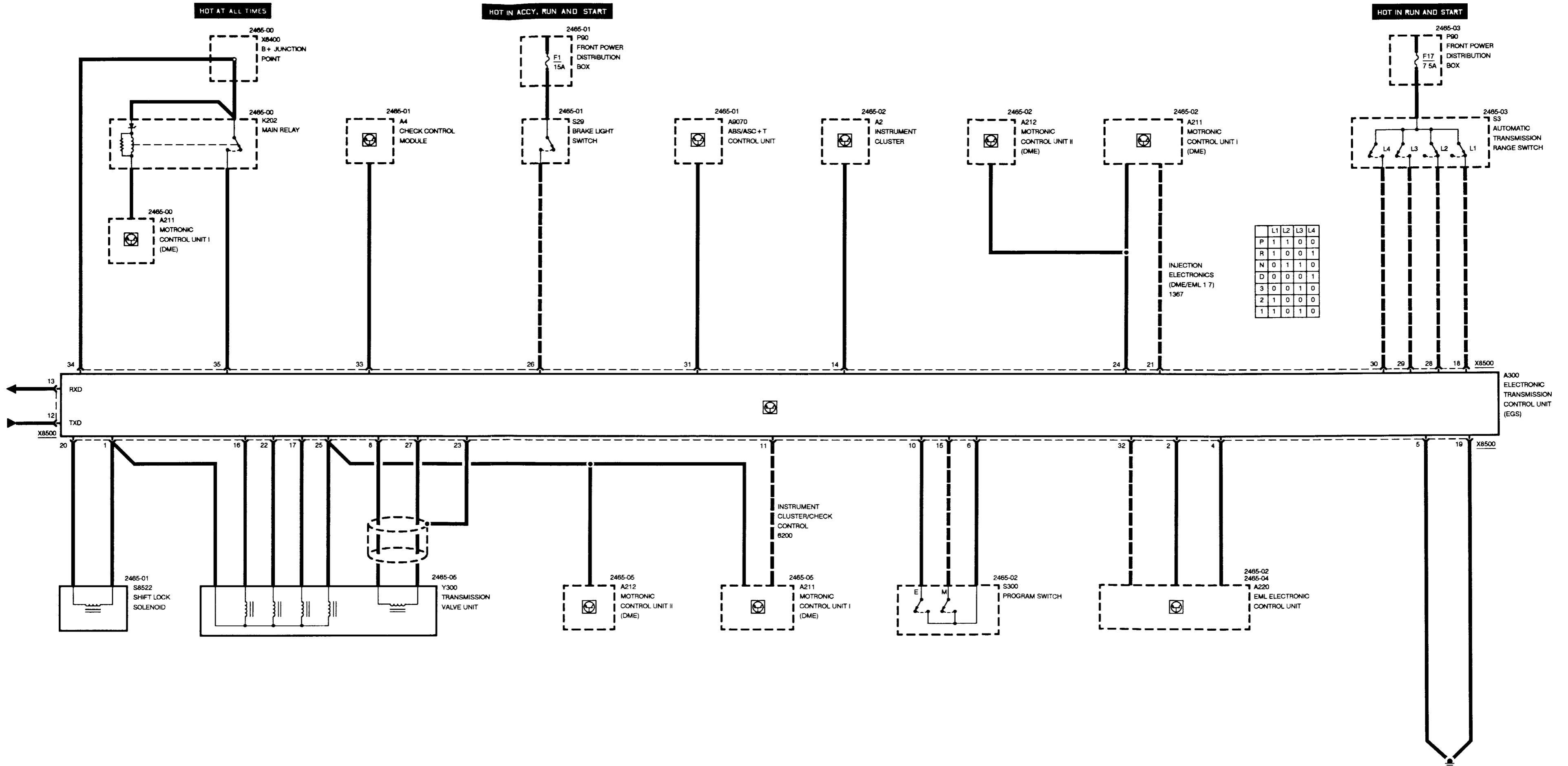


ELECTRONIC TRANSMISSION CONTROL (EGS)

735i, 735iL



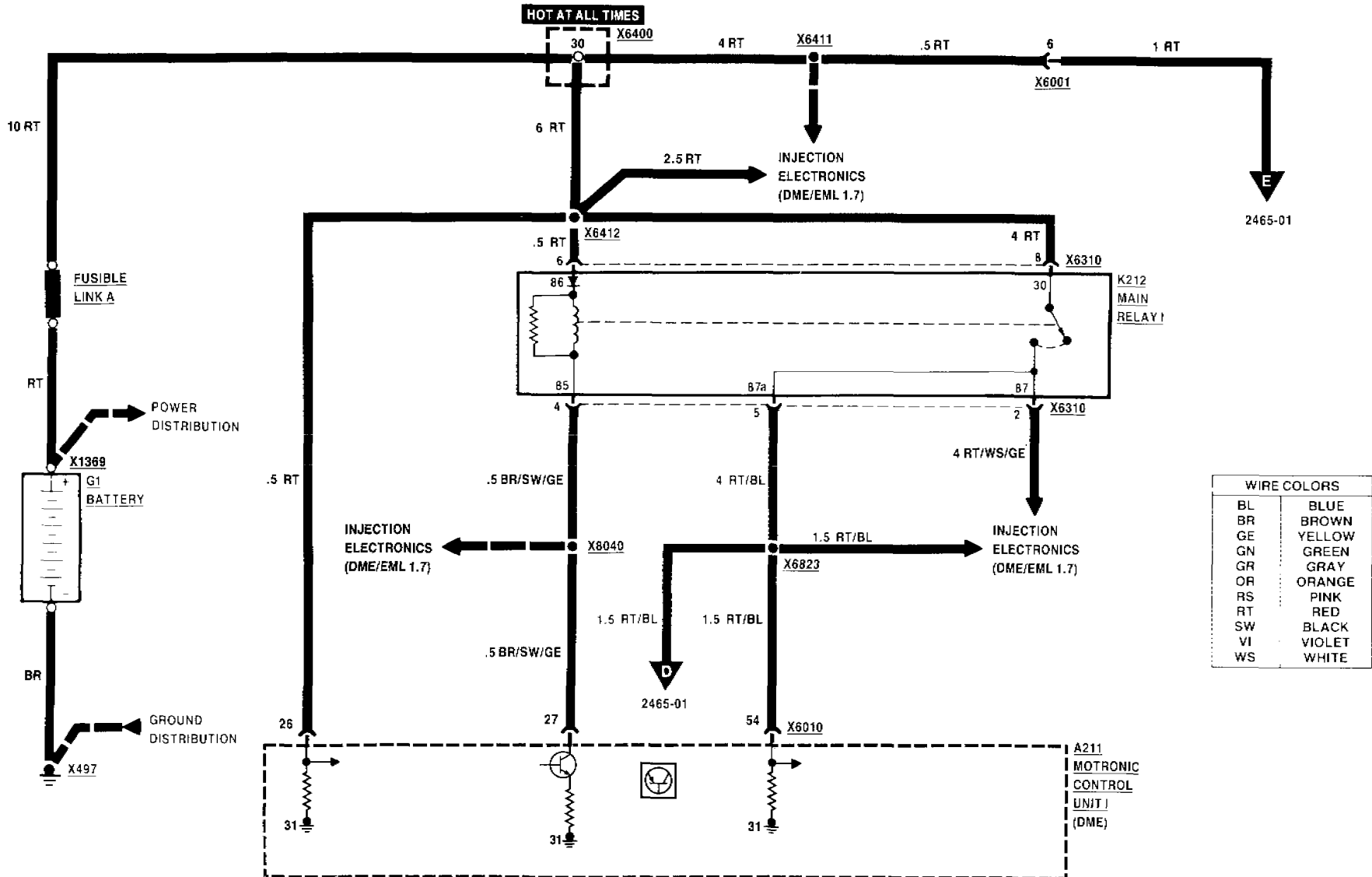






ELECTRONIC TRANSMISSION CONTROL (EGS/EML)

750iL



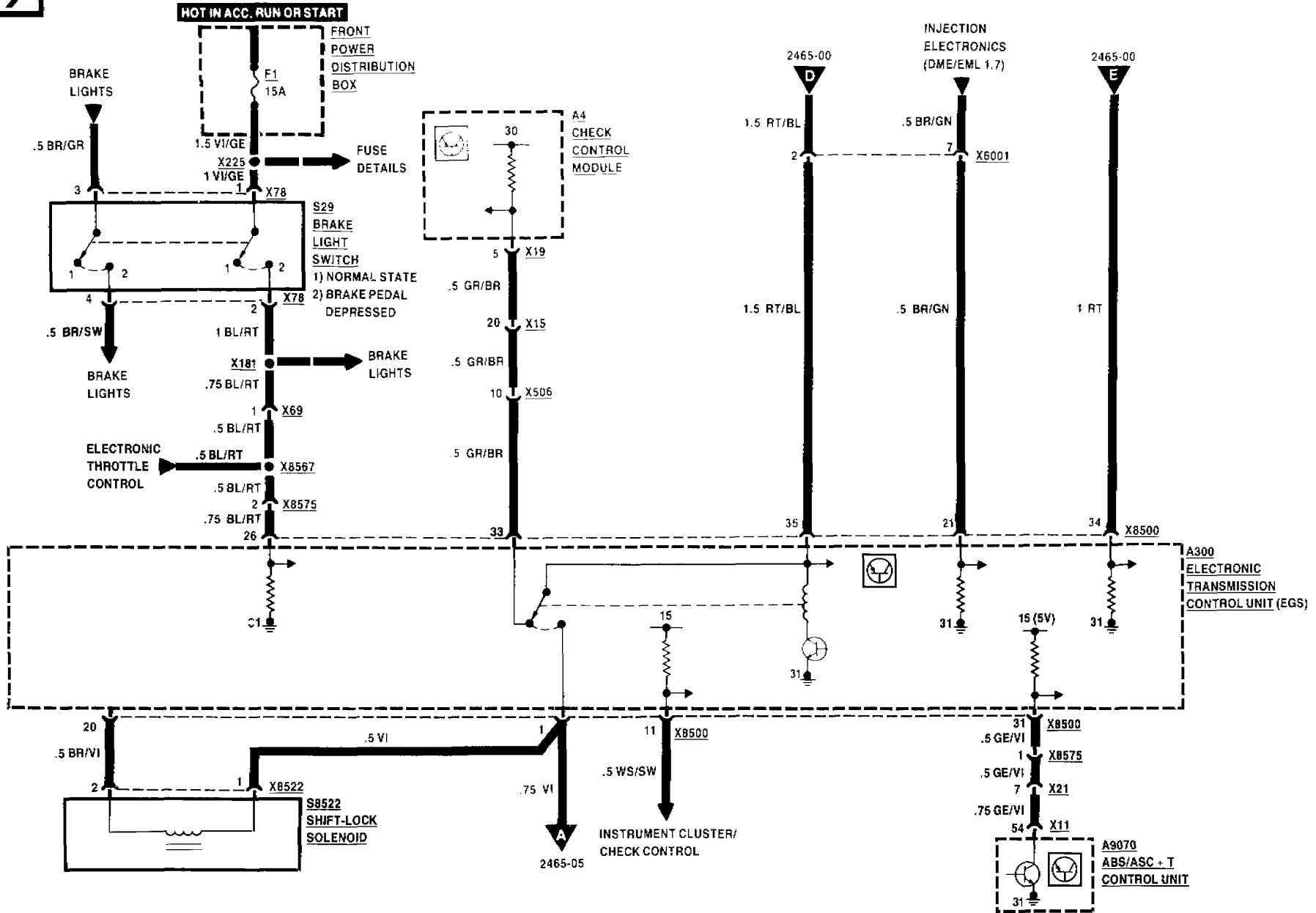
03/92

2465-00

1991

ELECTRONIC TRANSMISSION CONTROL (EGS/EML)

750iL

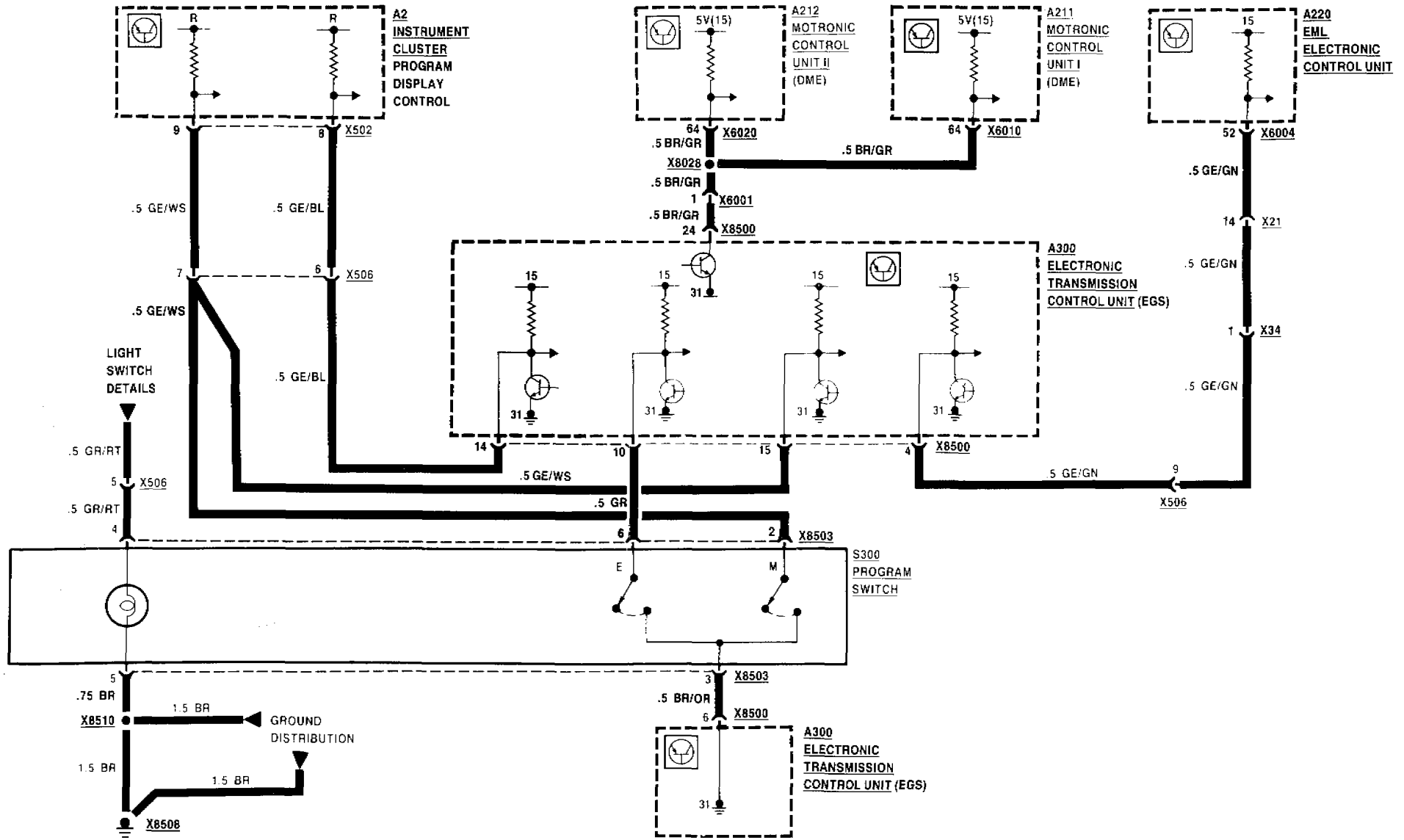




ELECTRONIC TRANSMISSION CONTROL (EGS/EML)

750iL

TWO POSITION PROGRAM SWITCH



03/92

2465-02

1991

HOT IN RUN OR START

FRONT
POWER
DISTRIBUTION
BOX

F17
7.5A

FUSE
DETAILS

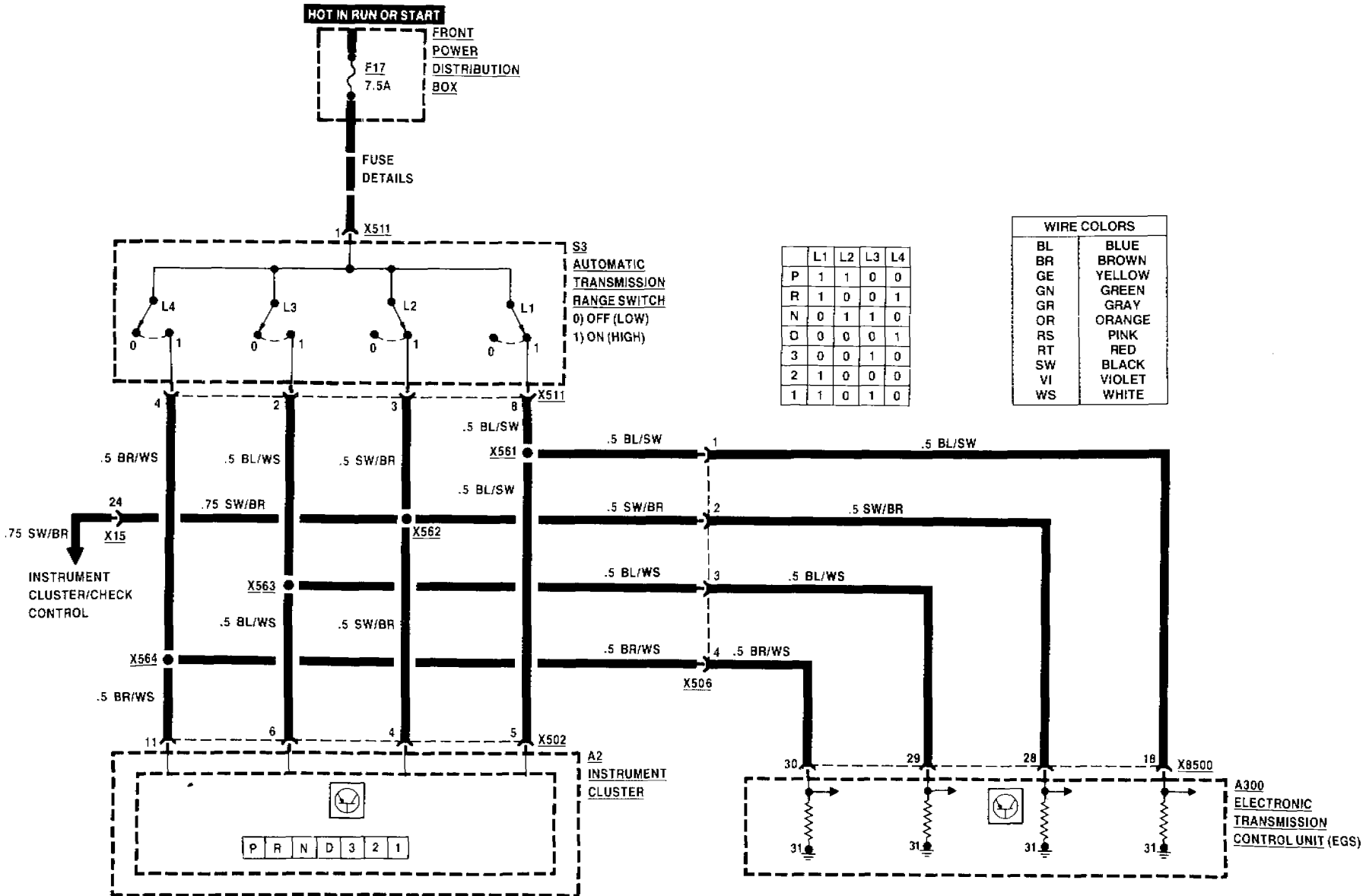
X511

S3
AUTOMATIC
TRANSMISSION
RANGE SWITCH
0) OFF (LOW)
1) ON (HIGH)

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

WIRE COLORS

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





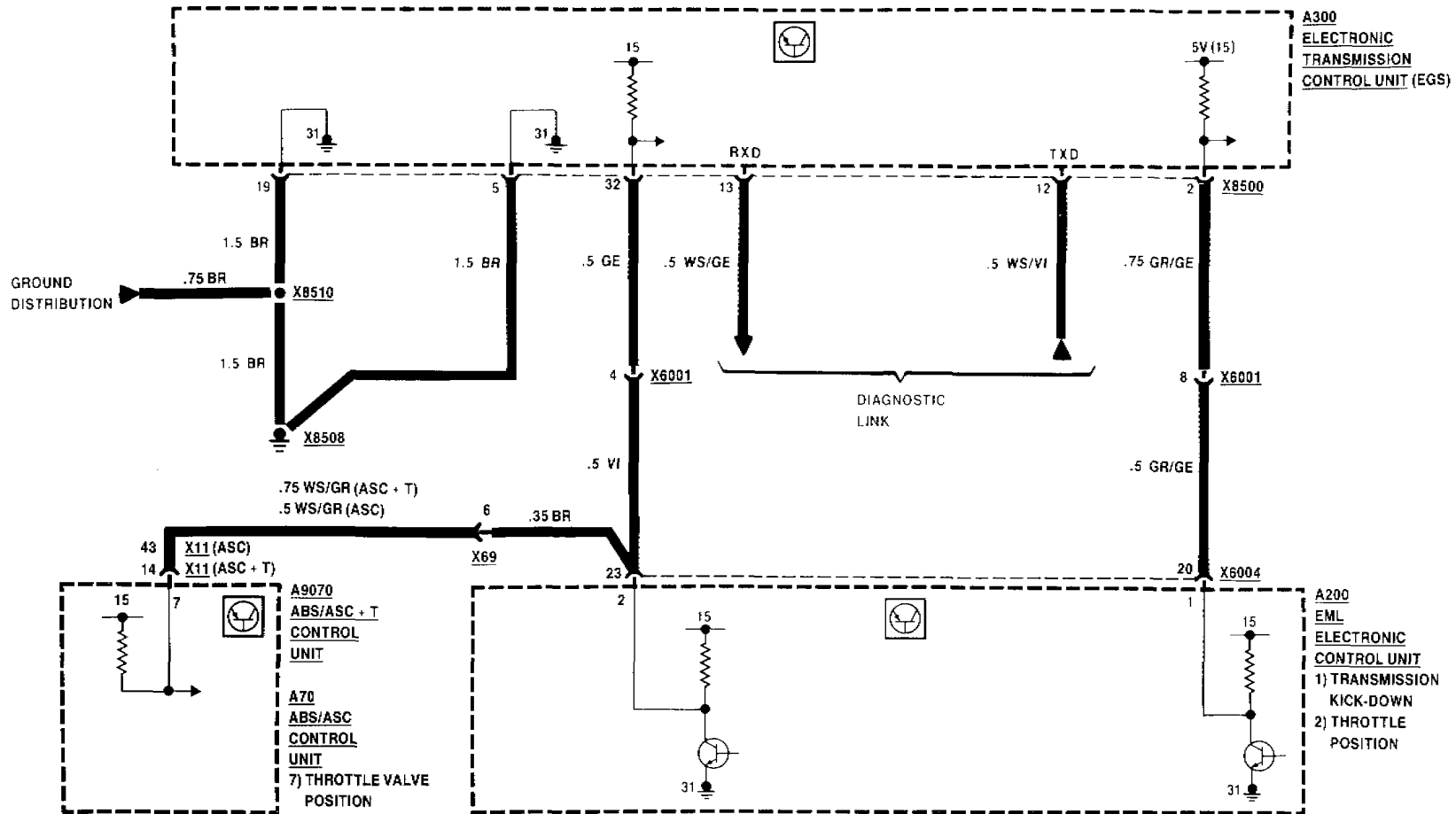
ELECTRONIC TRANSMISSION CONTROL (EGS/EML)

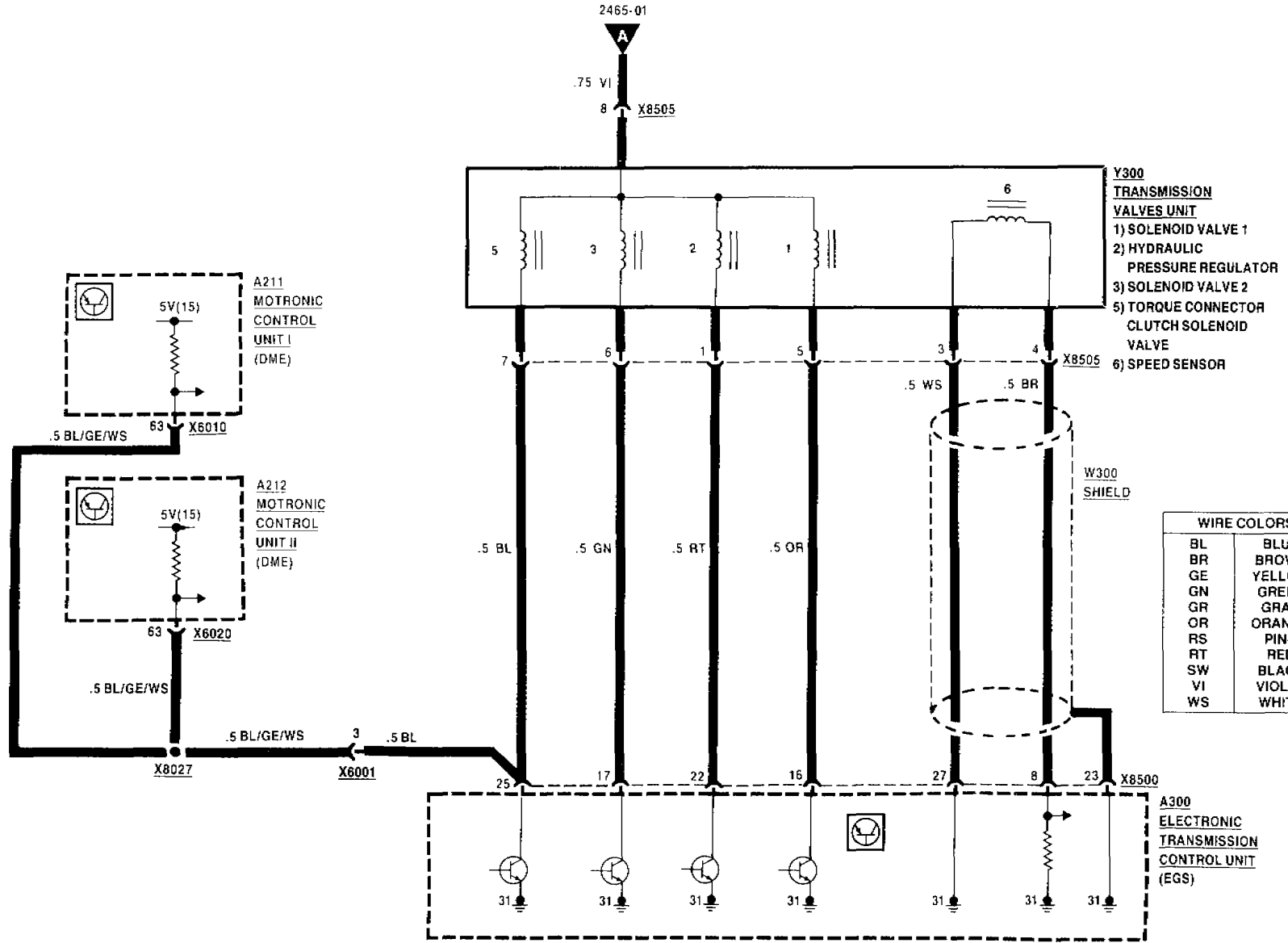
750iL

03/92

2465-04

1991





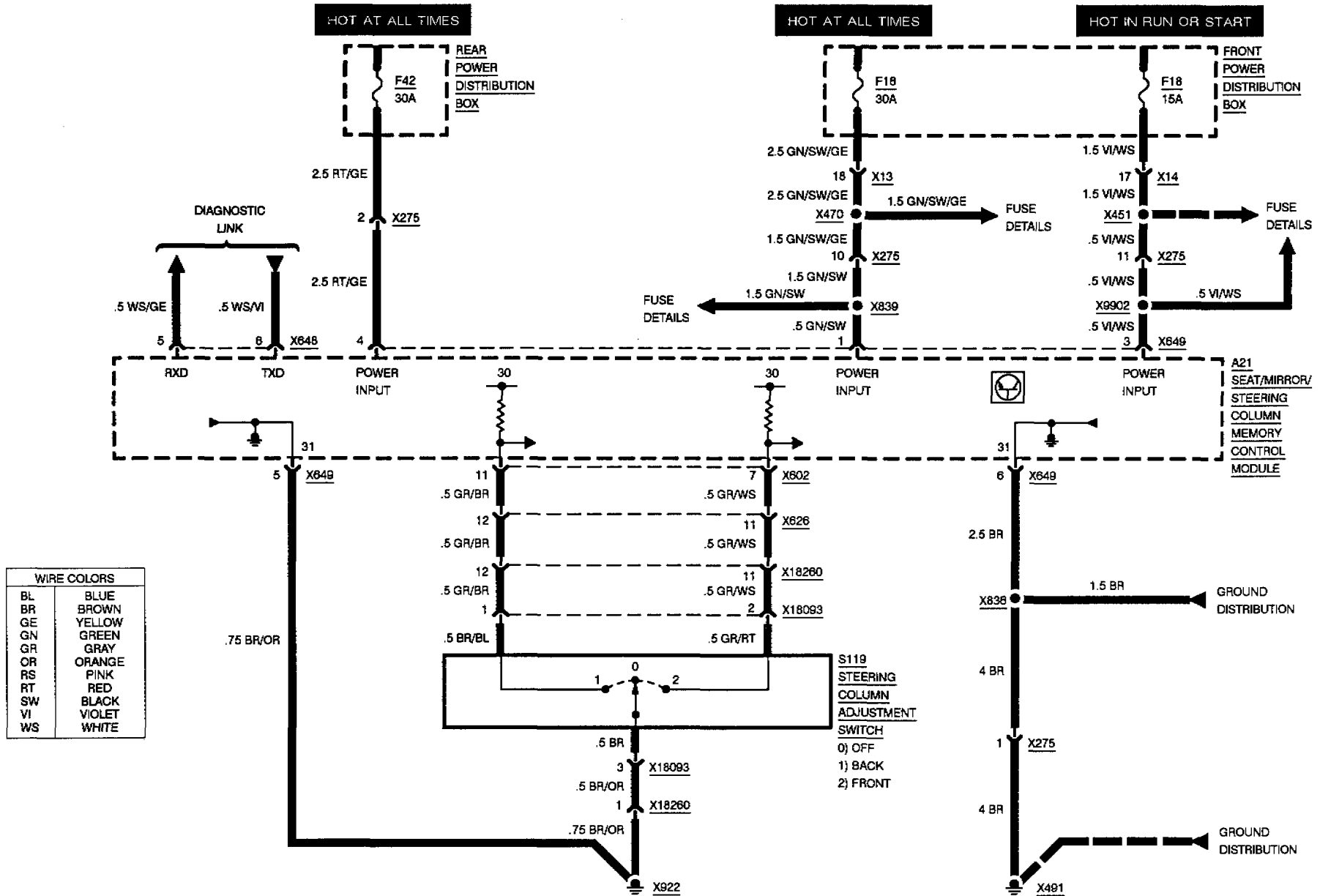


MEMORY STEERING COLUMN

03/92

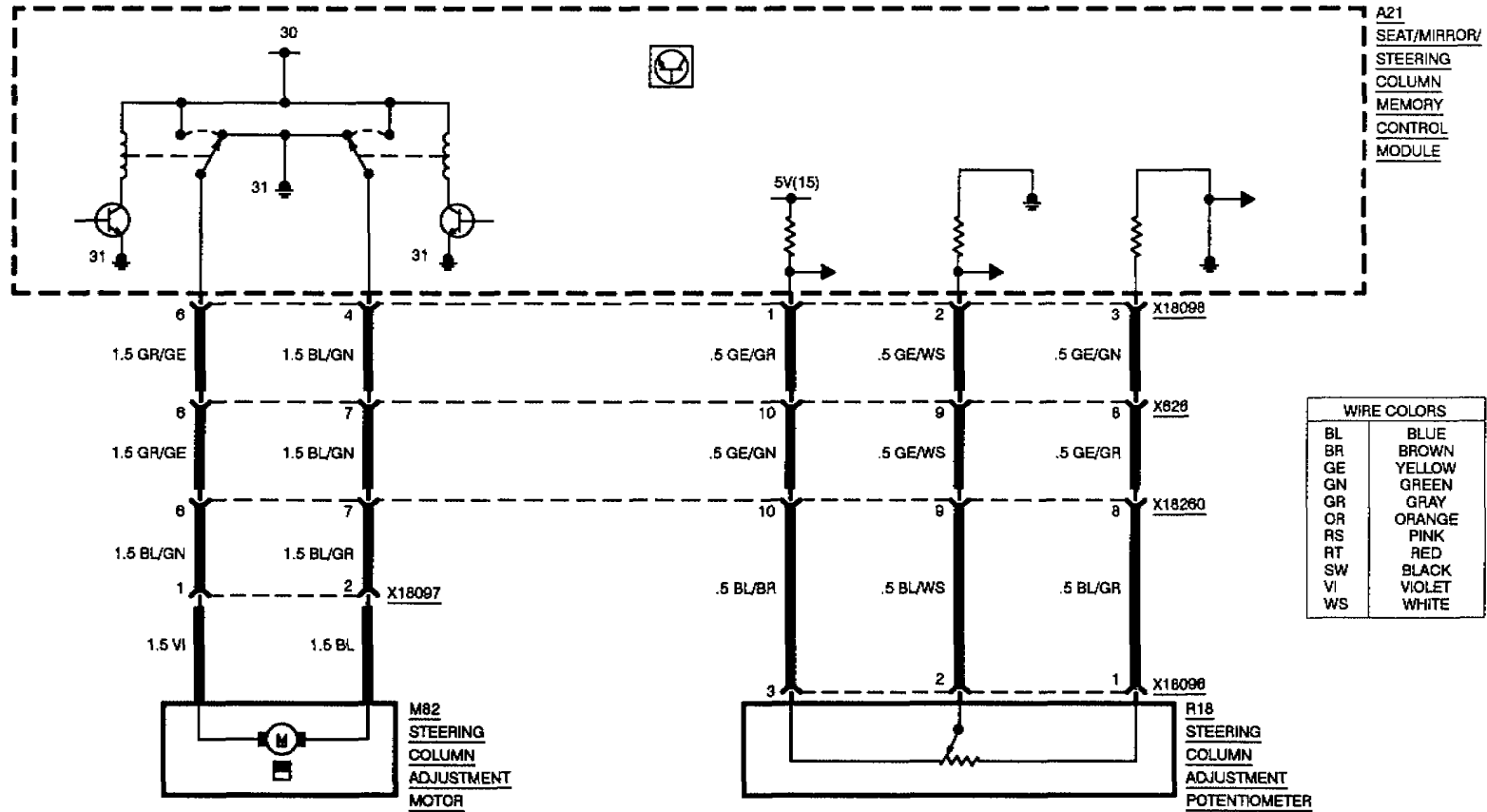
3231-00

1991



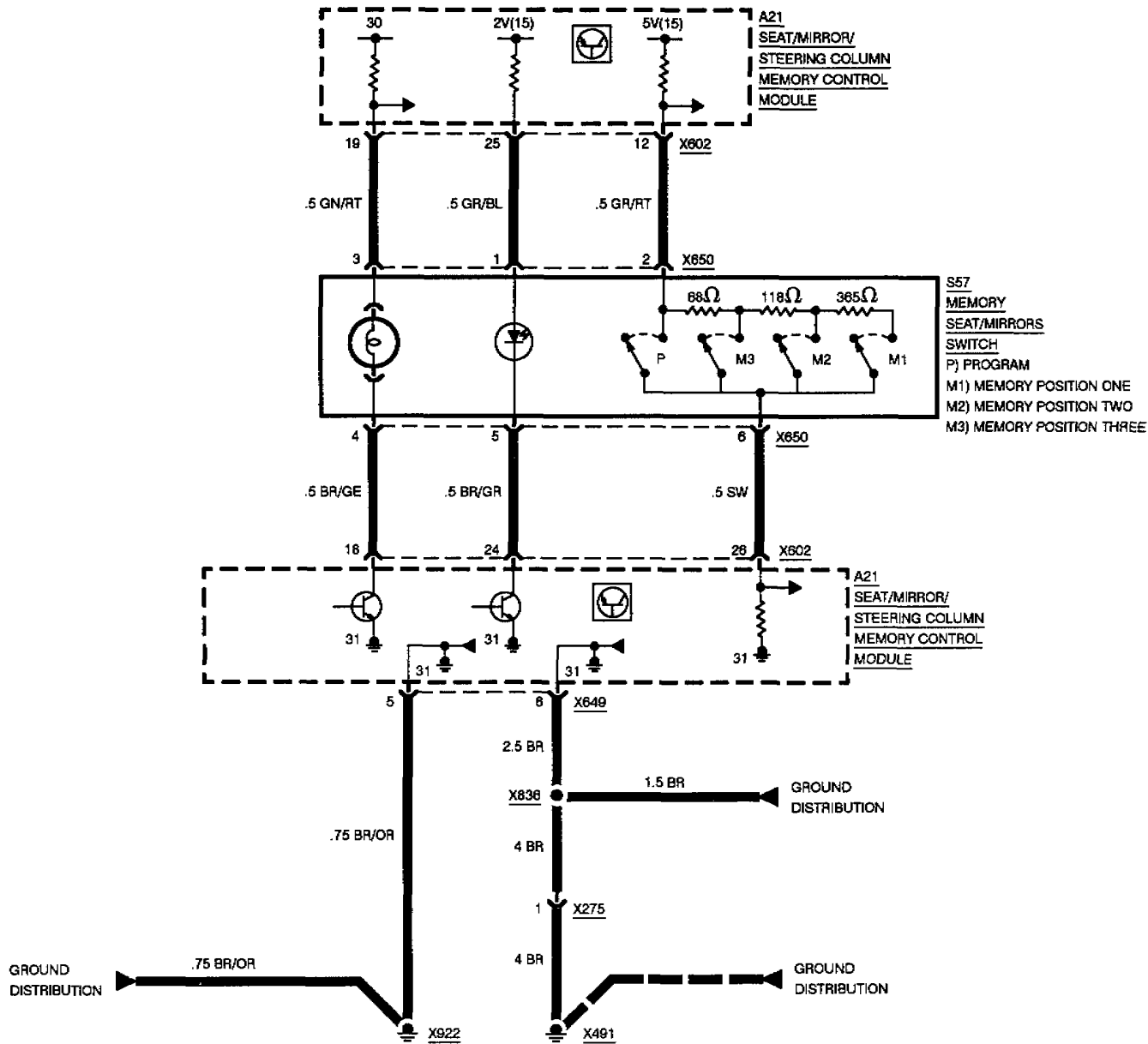


MEMORY STEERING COLUMN





MEMORY STEERING COLUMN

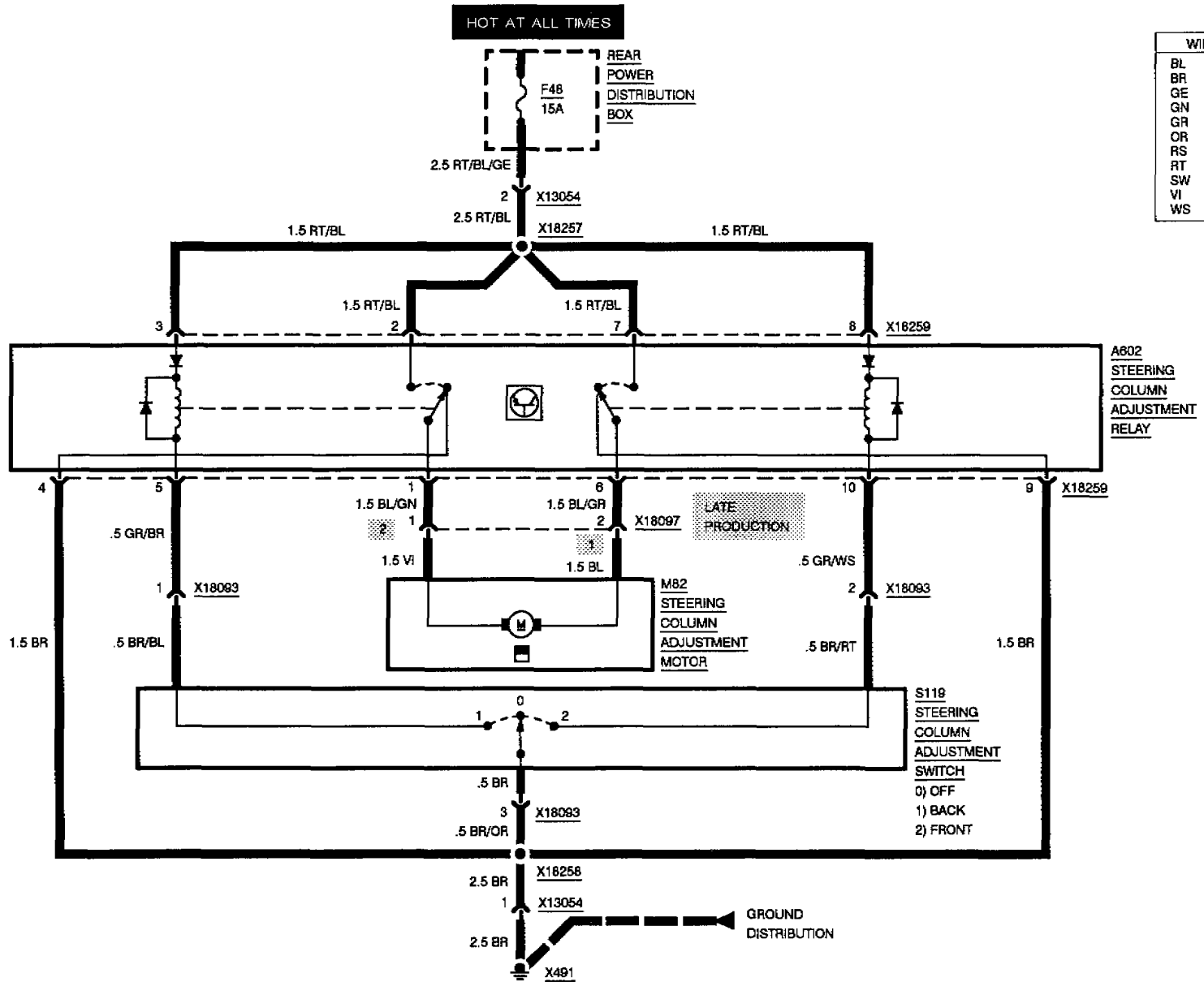


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

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

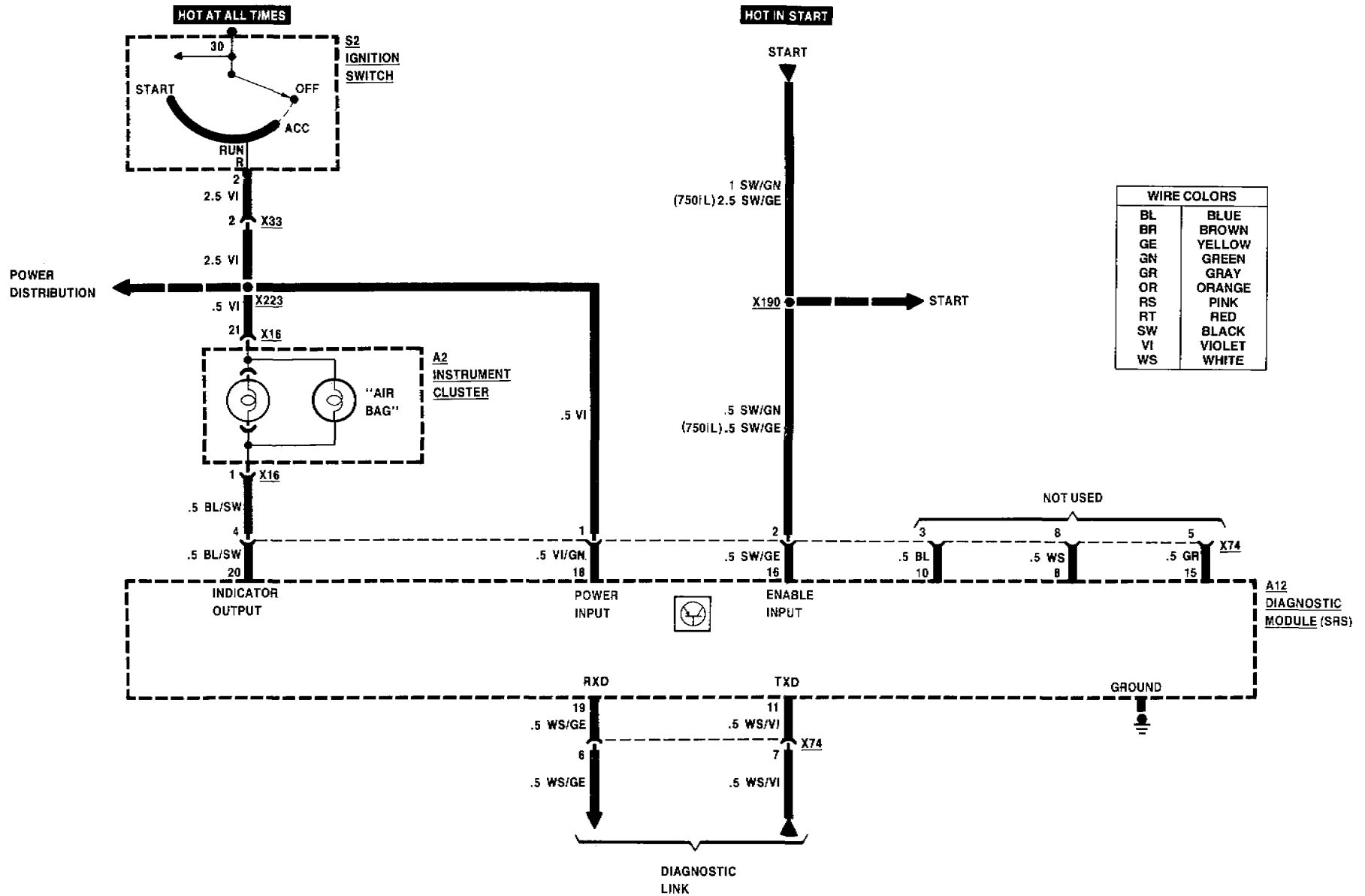


POWER STEERING COLUMN ADJUST



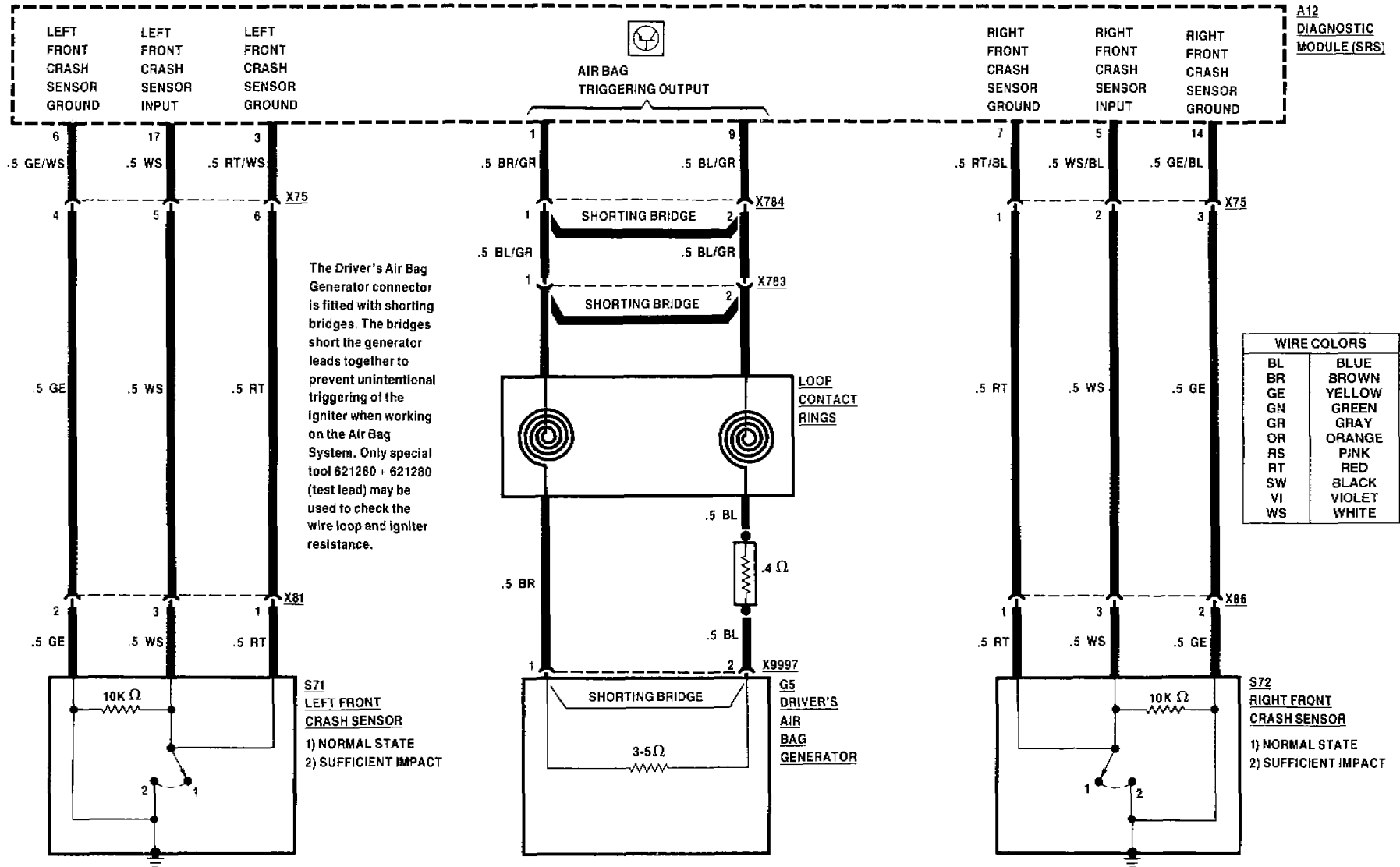


SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)



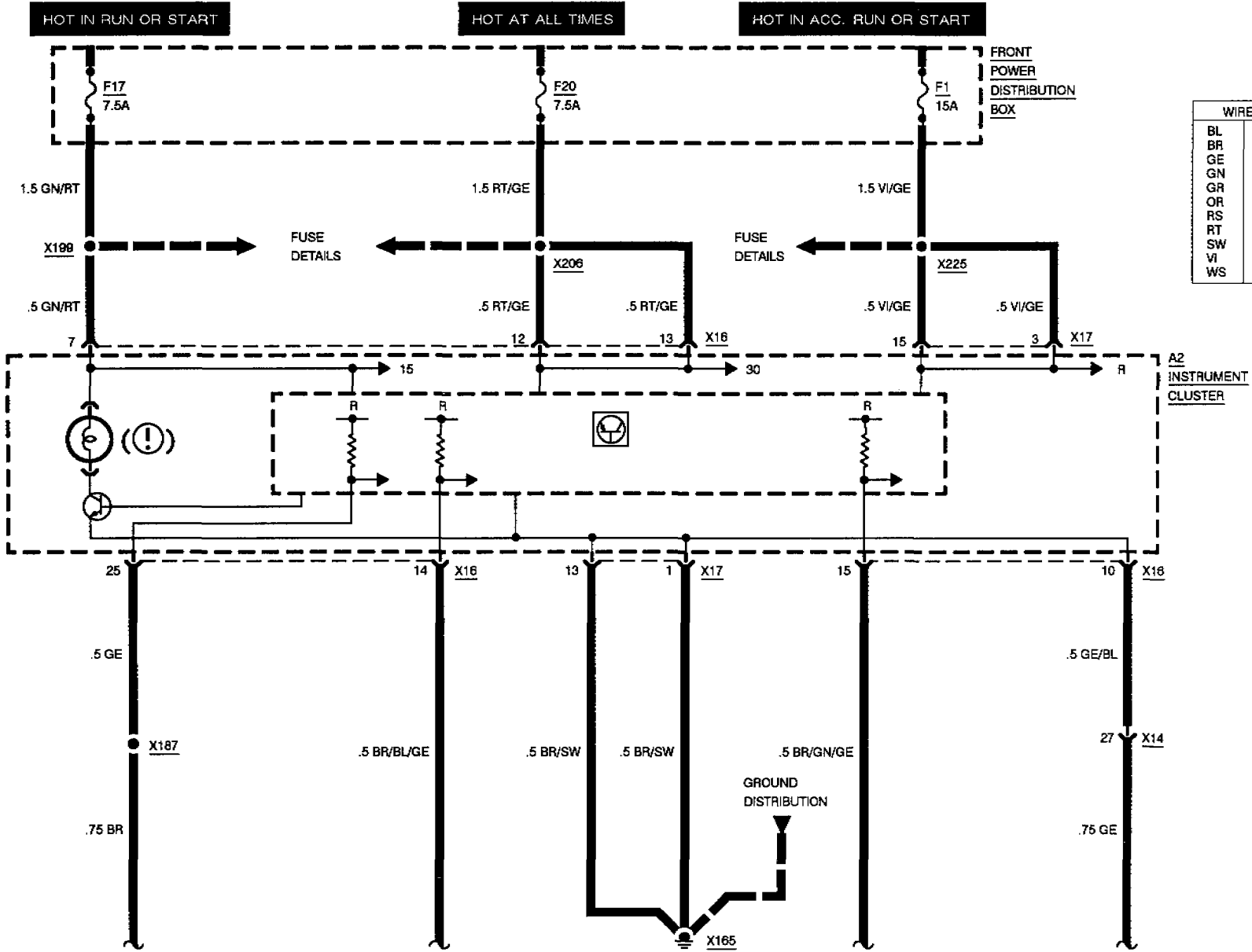


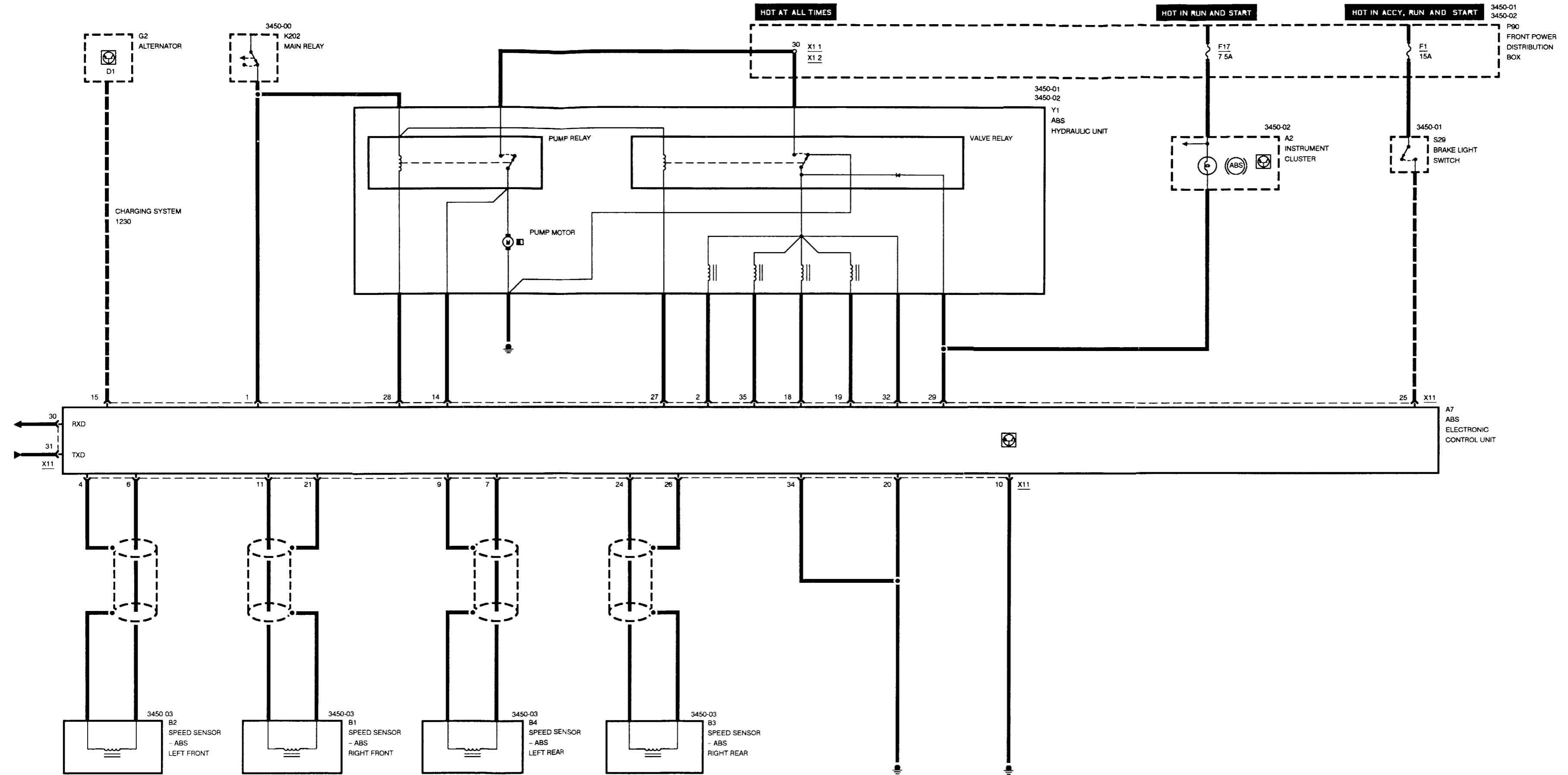
SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)





BRAKE LINING WARNING BRAKE WARNING LIGHT

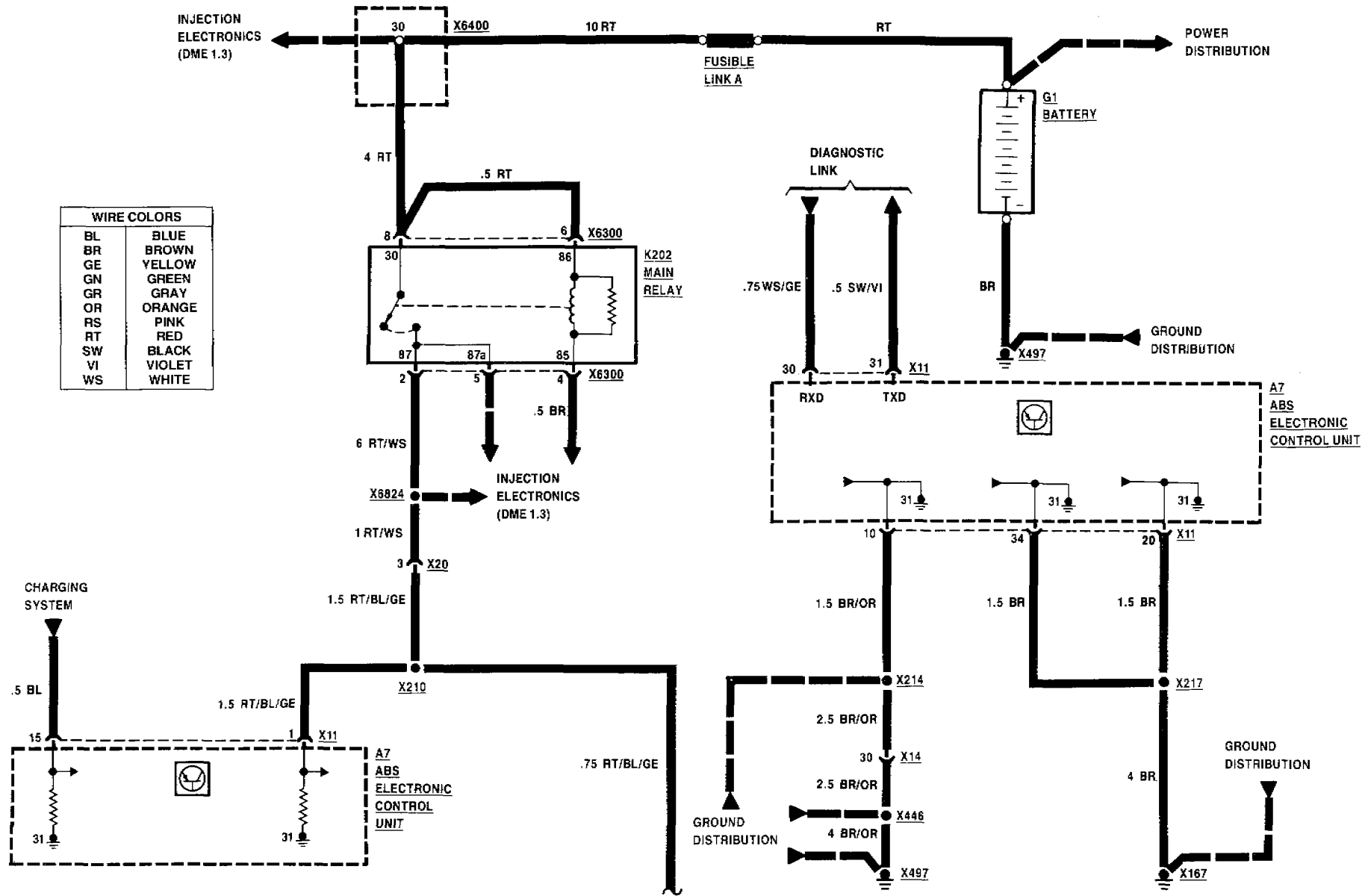






ANTILOCK BRAKE SYSTEM (ABS)

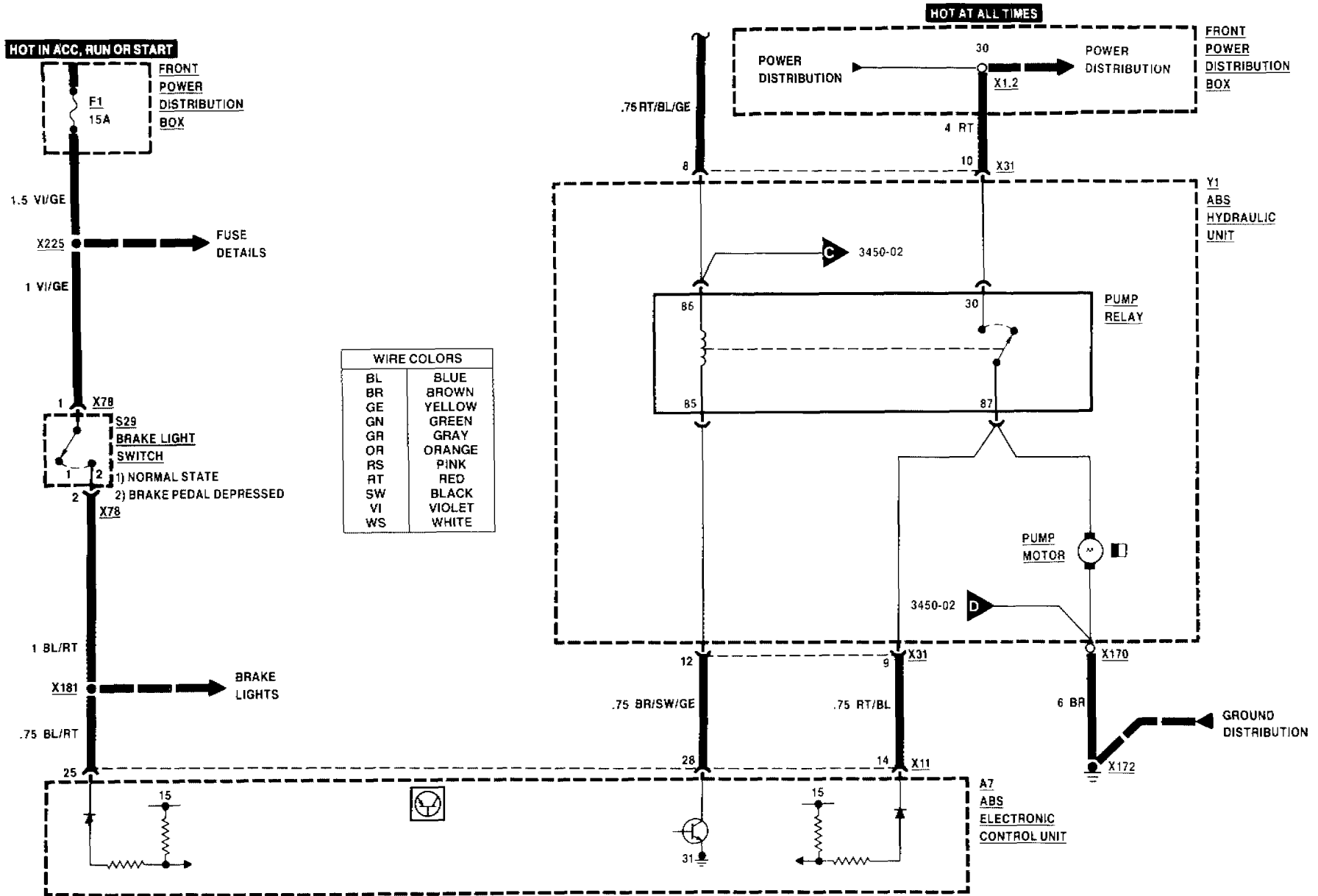
735i, 735iL

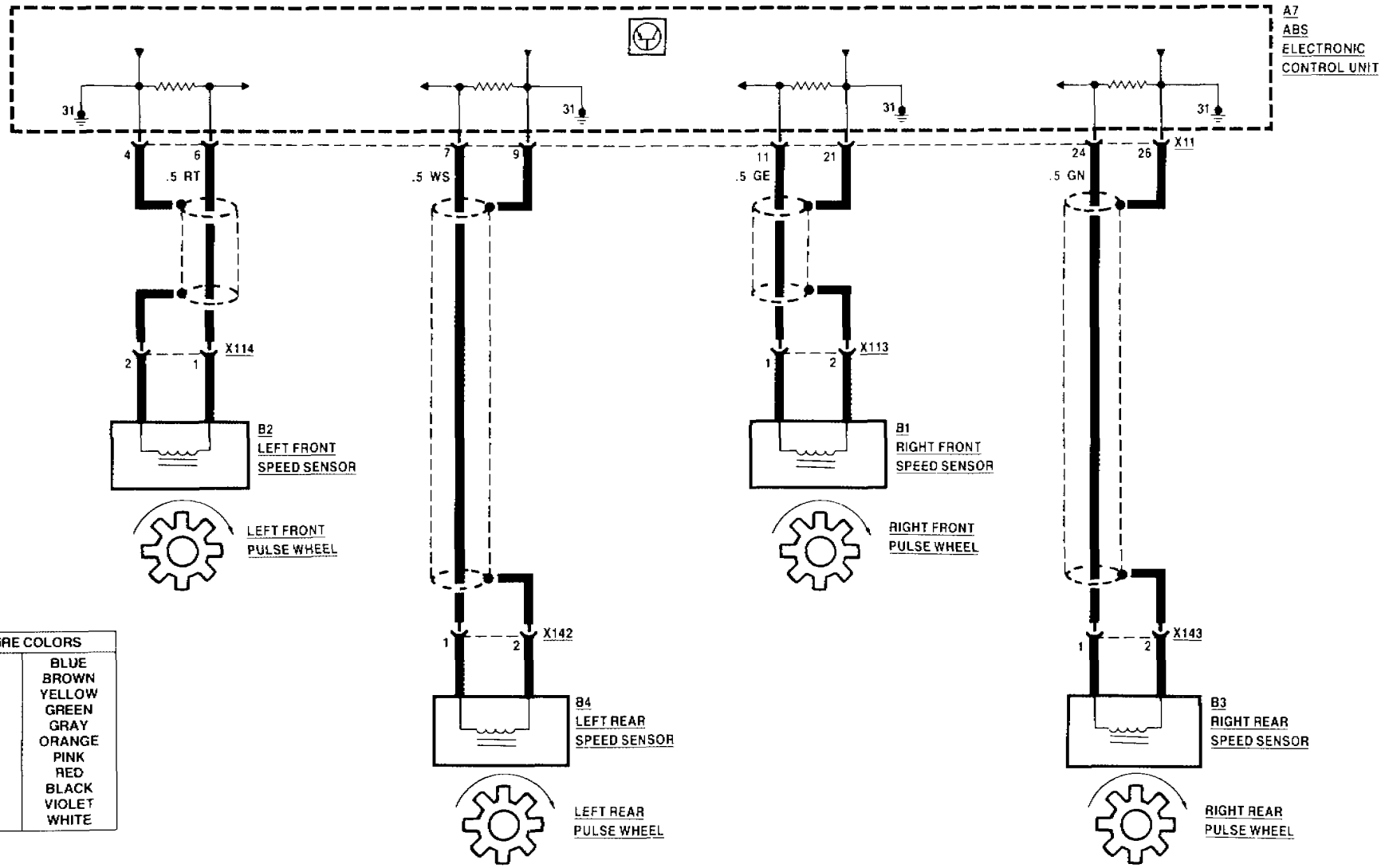


10/90

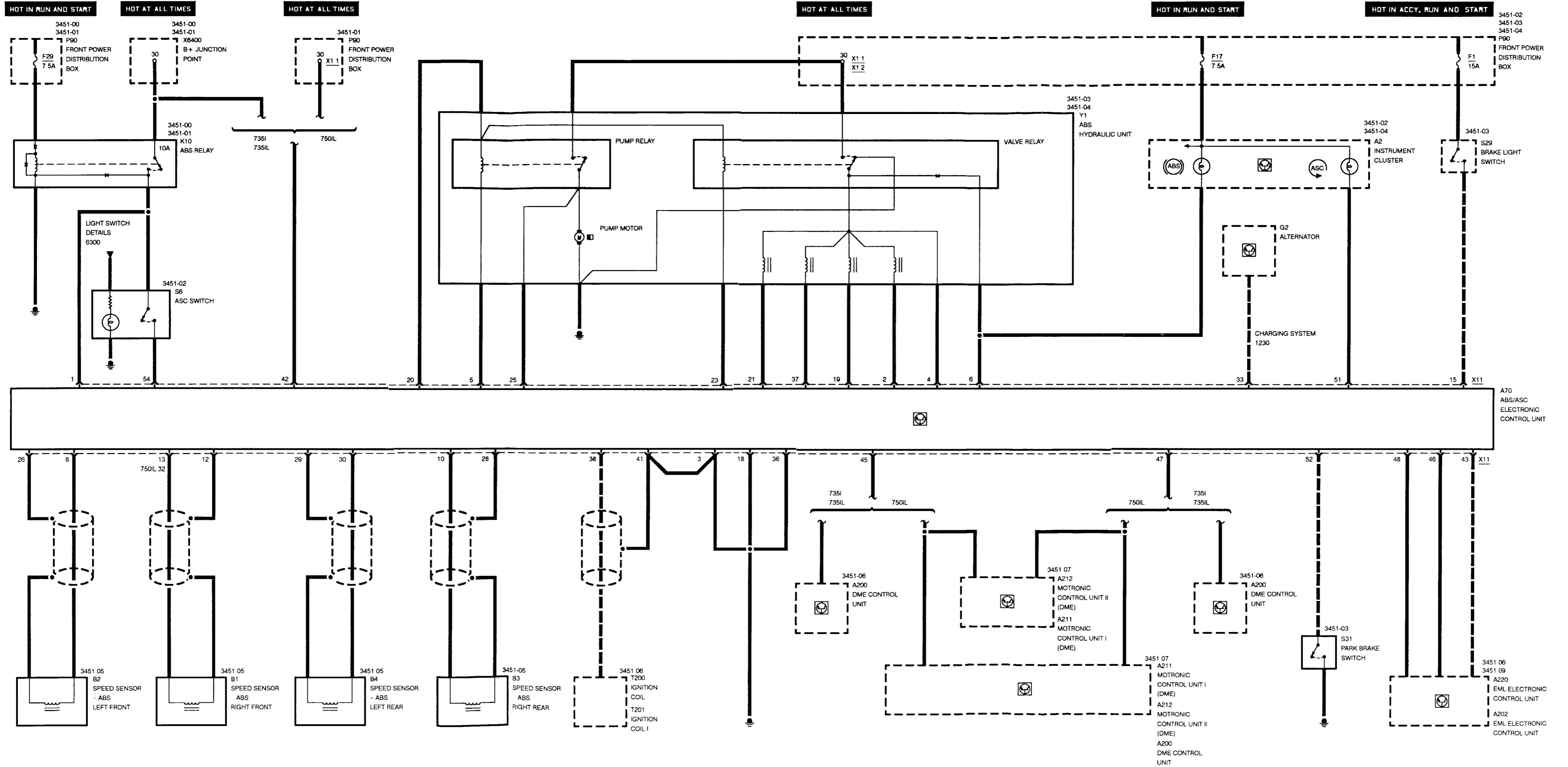
3450-00

1991





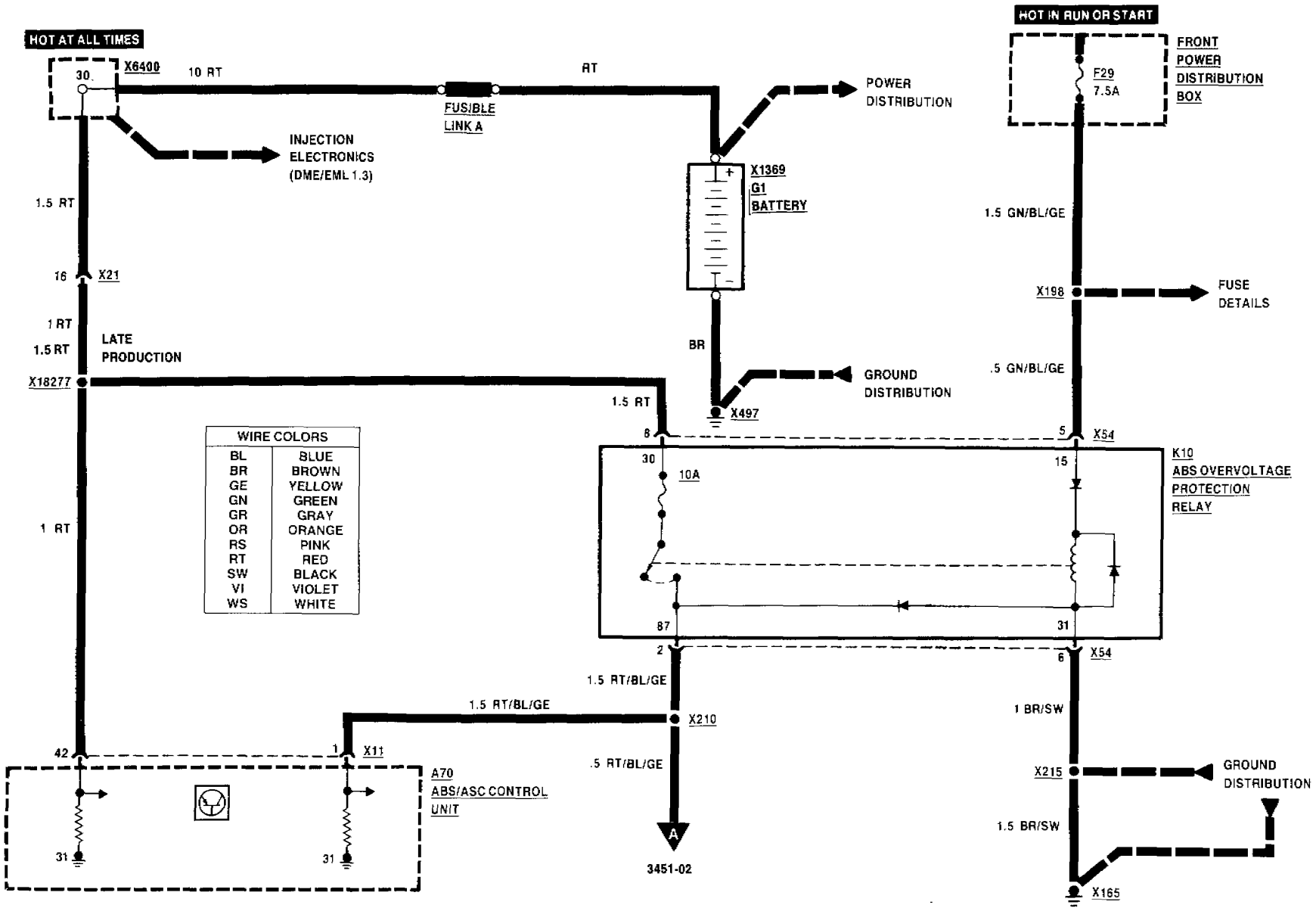
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





AUTOMATIC STABILITY CONTROL (ASC)

735i, 735iL



03/92

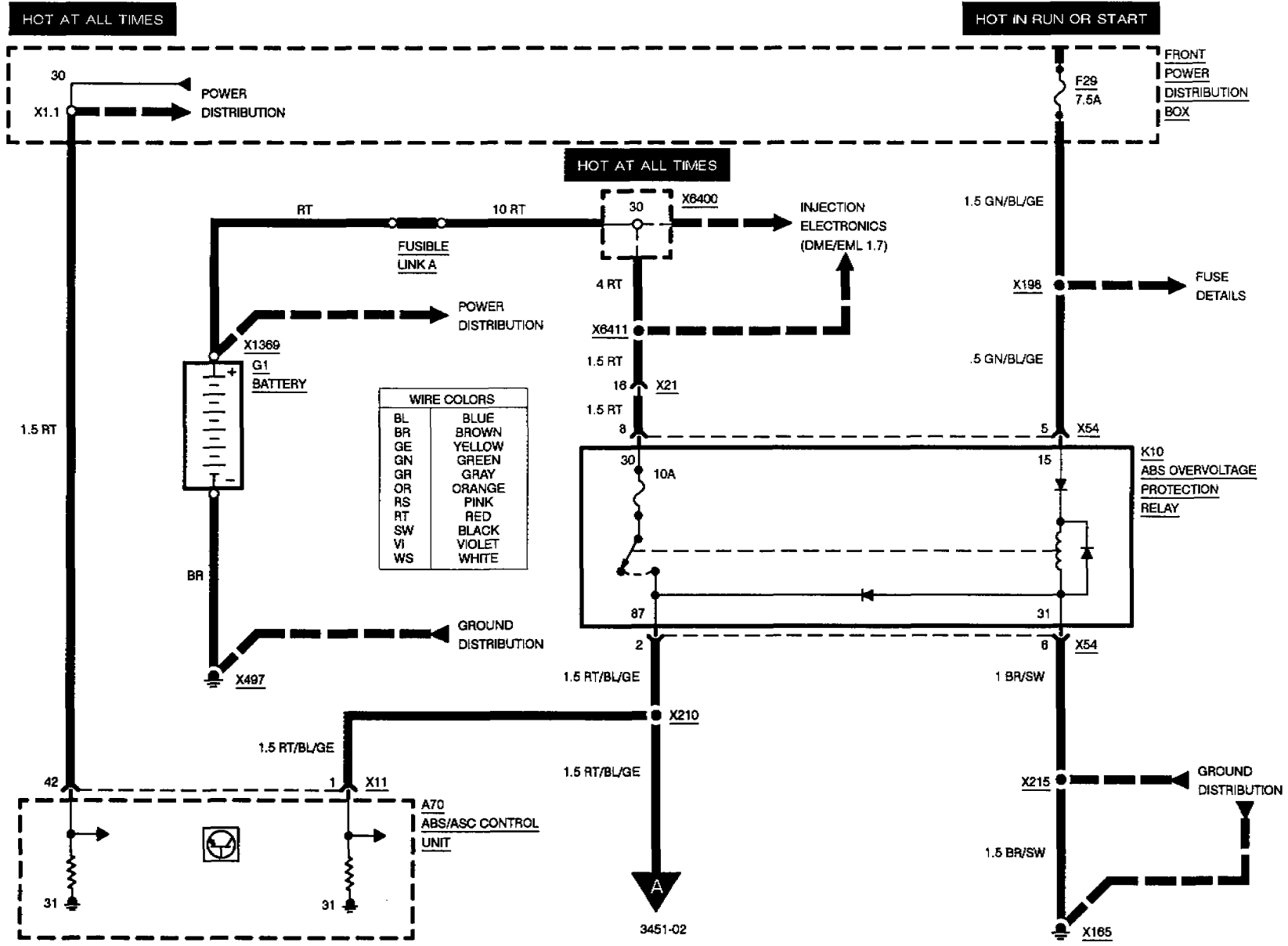
3451-00

1991

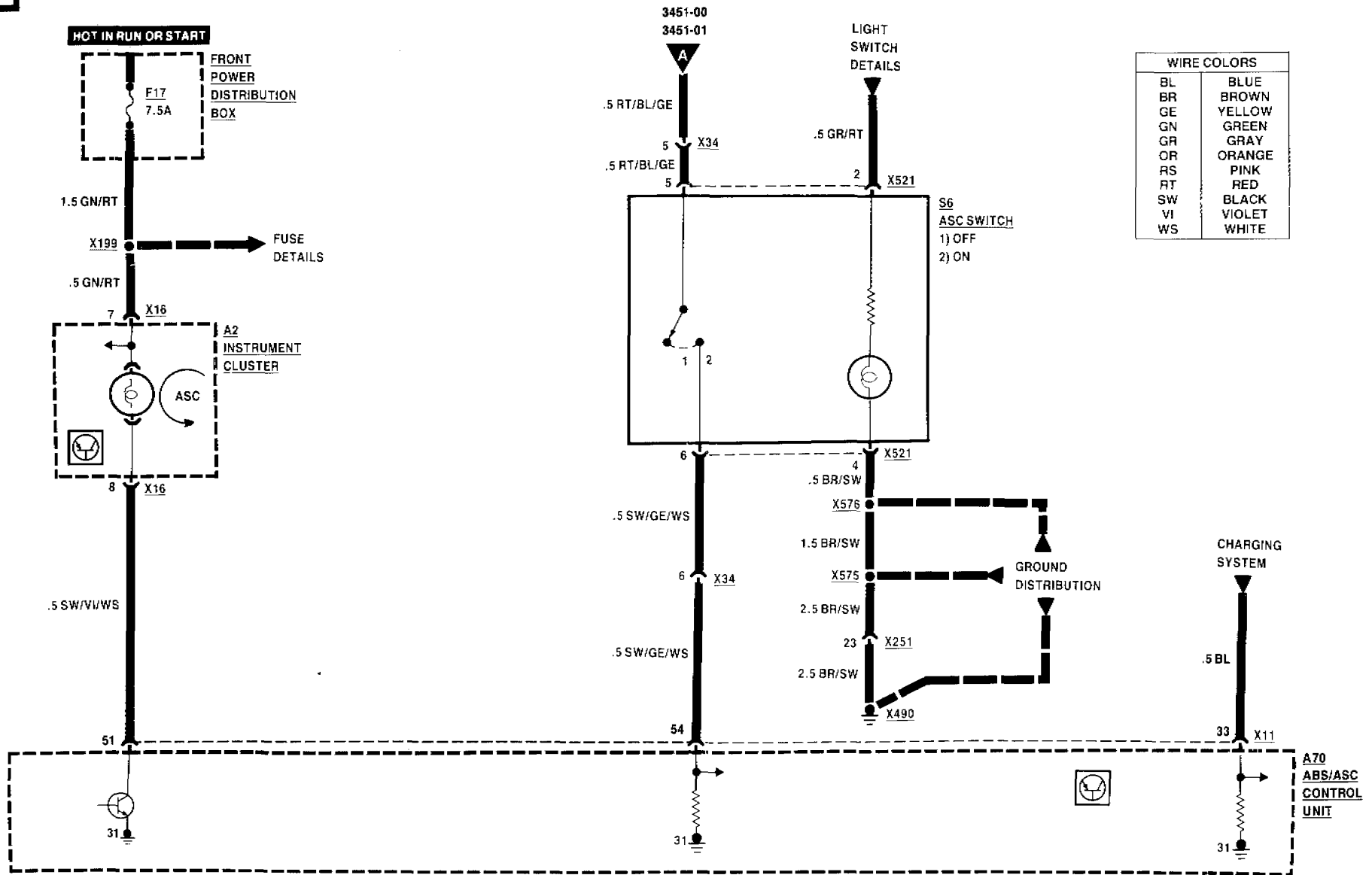


AUTOMATIC STABILITY CONTROL (ASC)

750iL



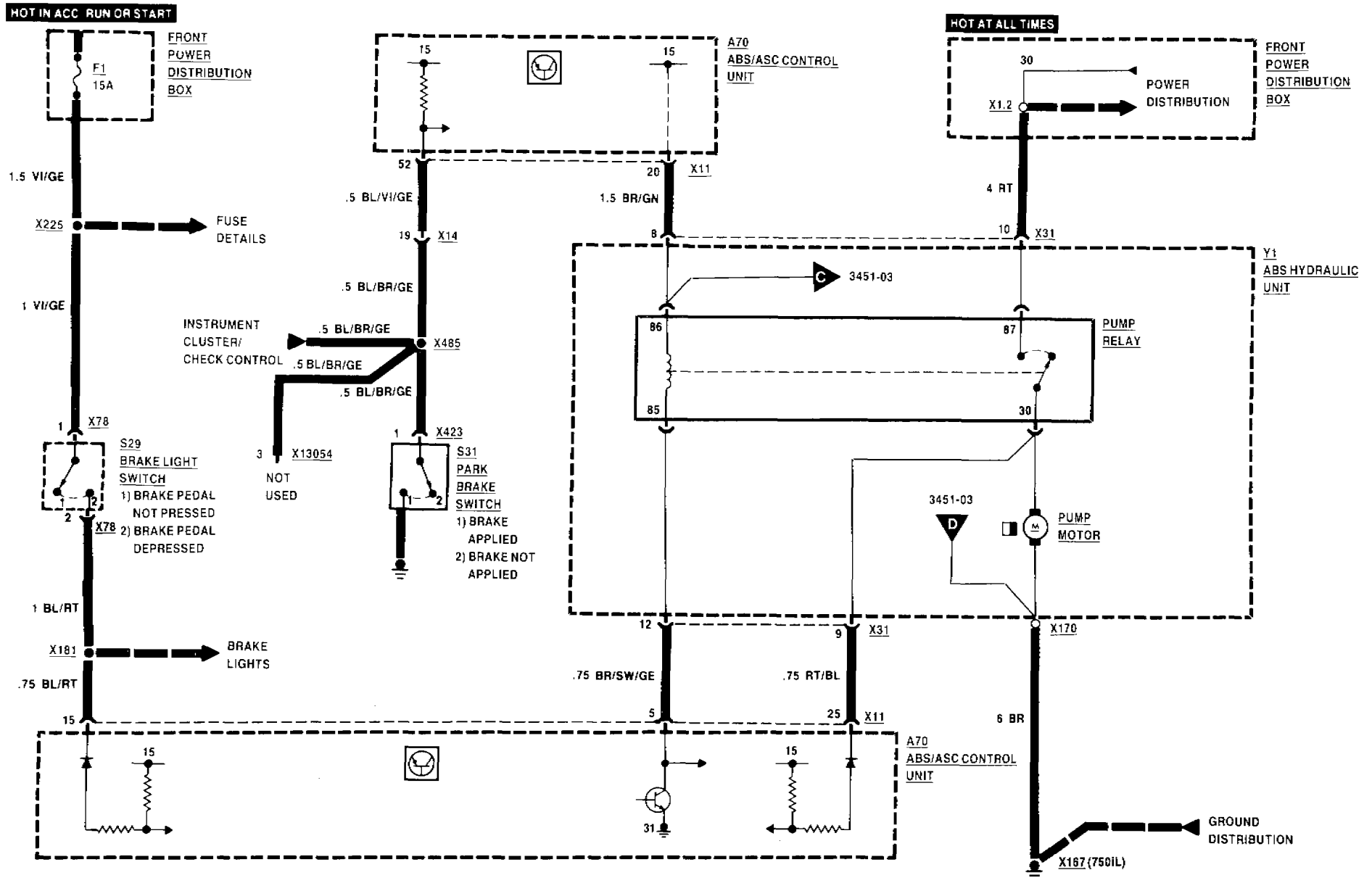
AUTOMATIC STABILITY CONTROL (ASC)





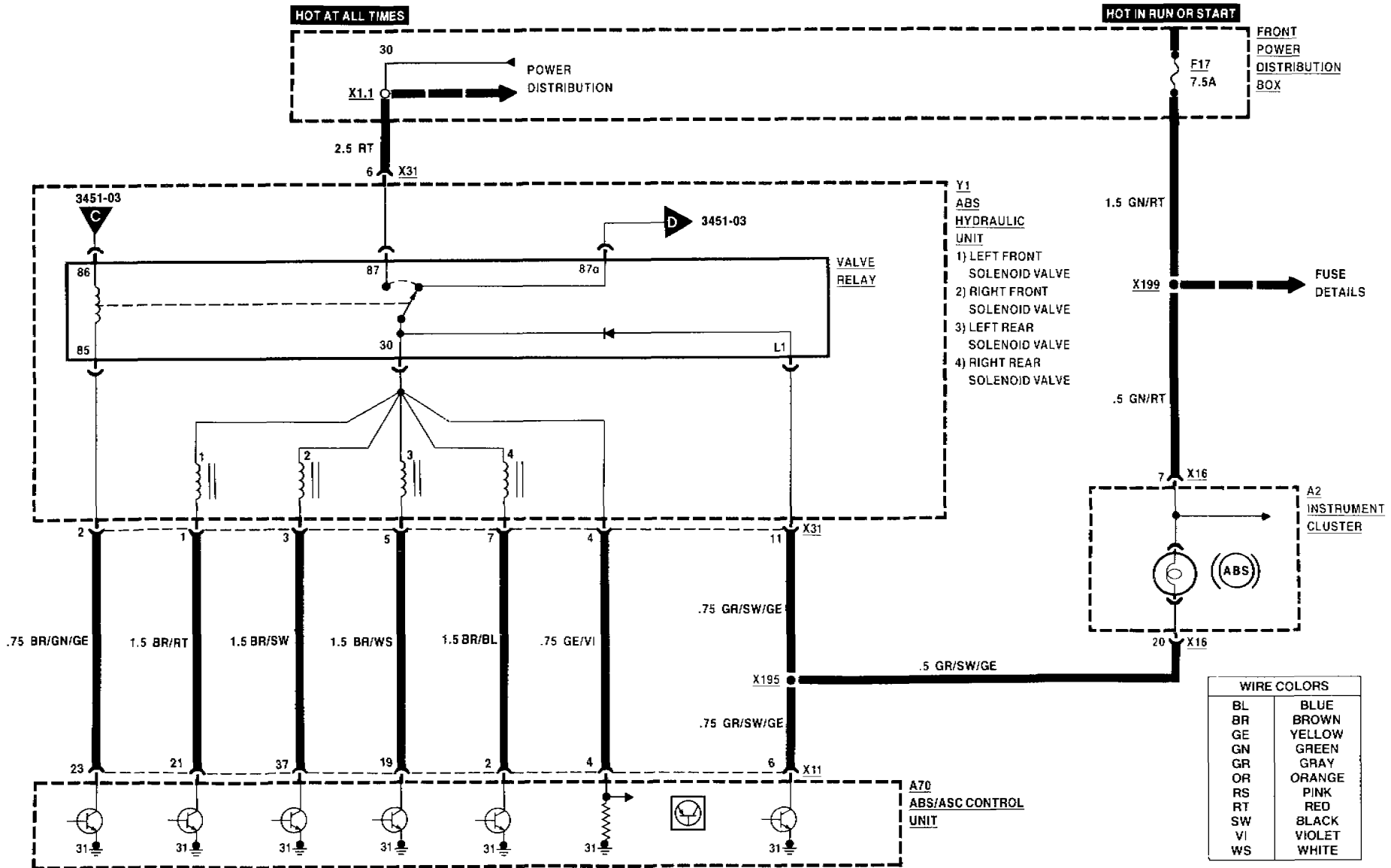
AUTOMATIC STABILITY CONTROL (ASC)

750iL





AUTOMATIC STABILITY CONTROL (ASC)



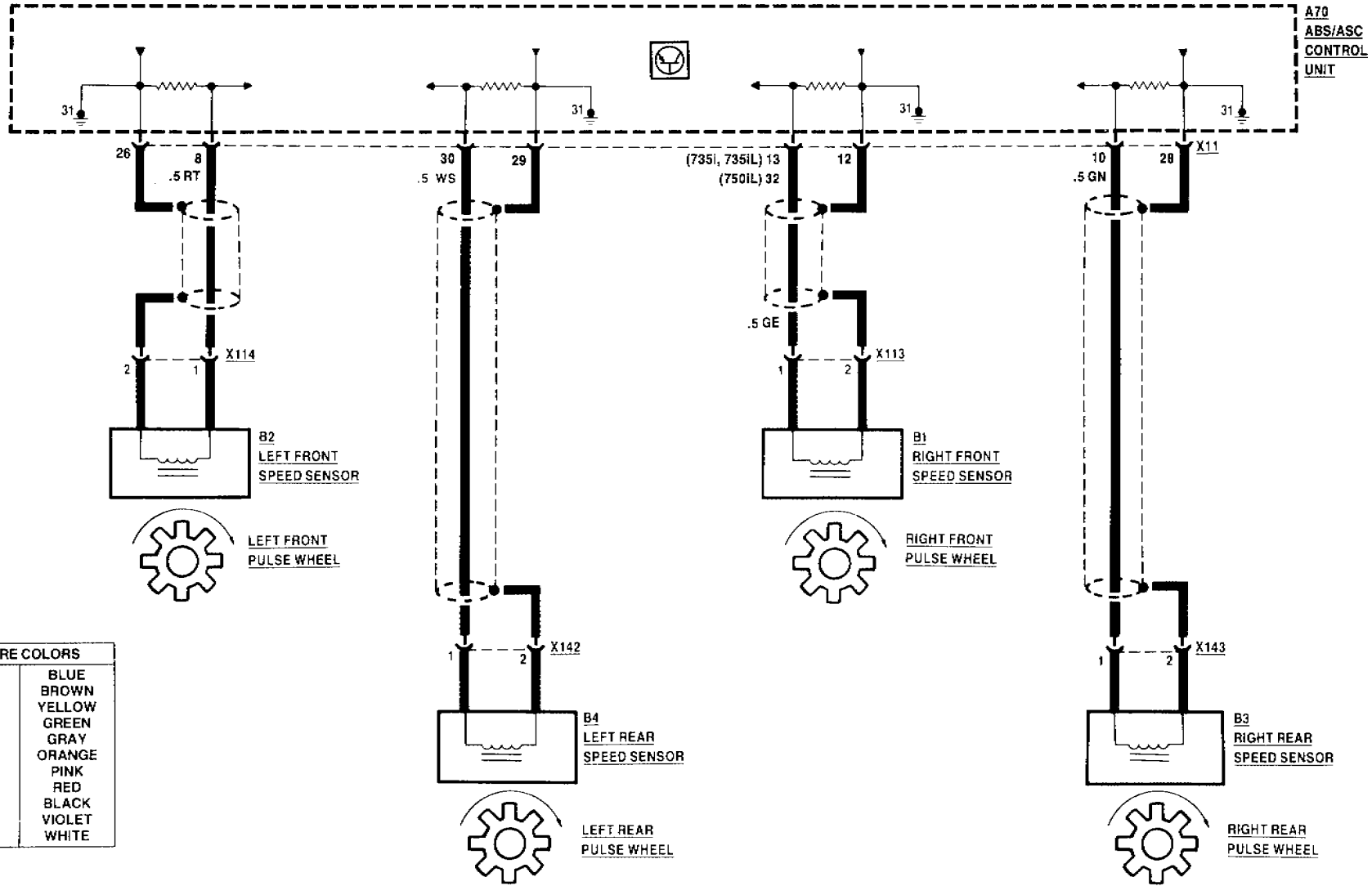


AUTOMATIC STABILITY PLUS TRACTION CONTROL (ASC)

03/92

3451-05

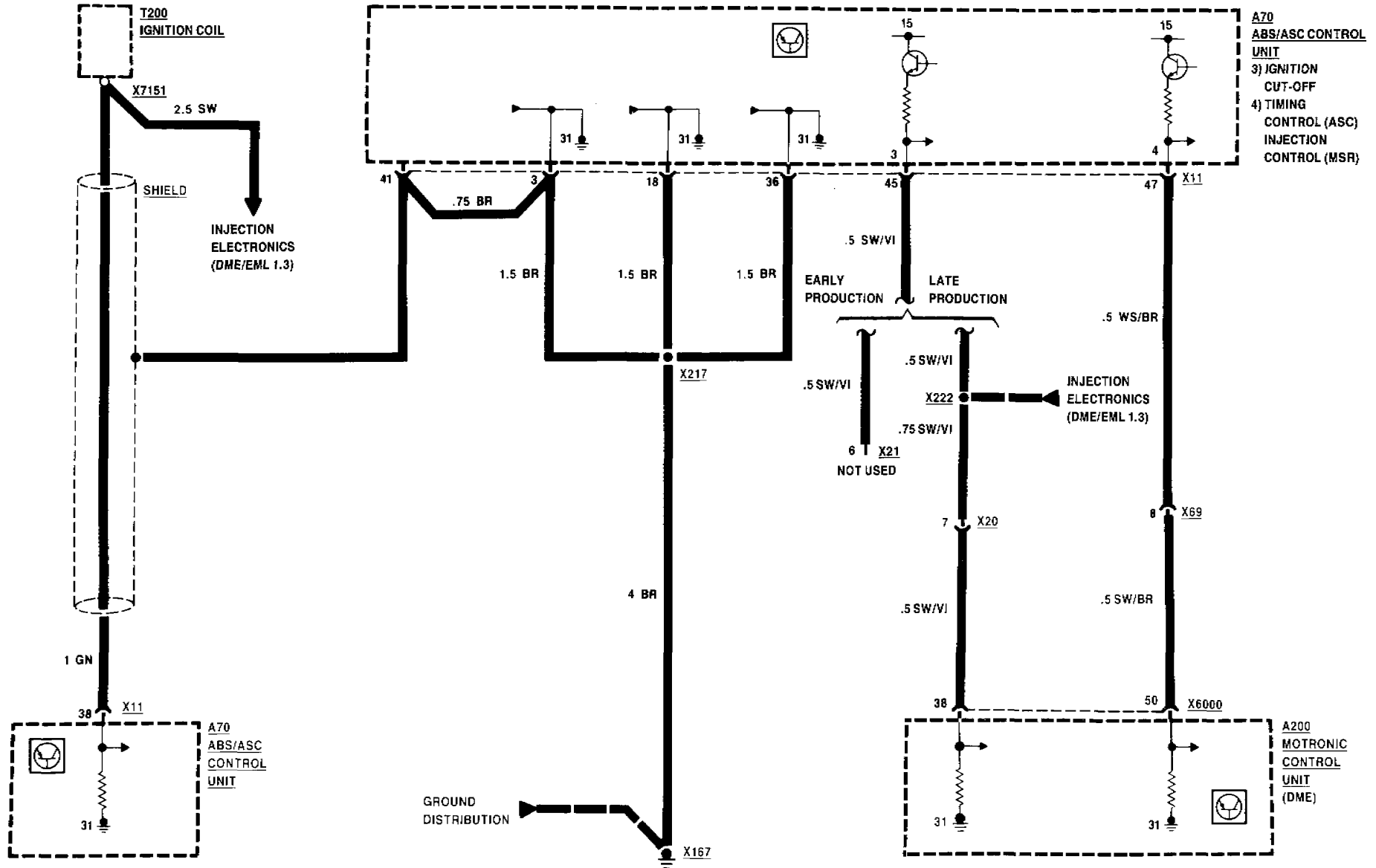
1991





AUTOMATIC STABILITY CONTROL (ASC) DME INTERFACE

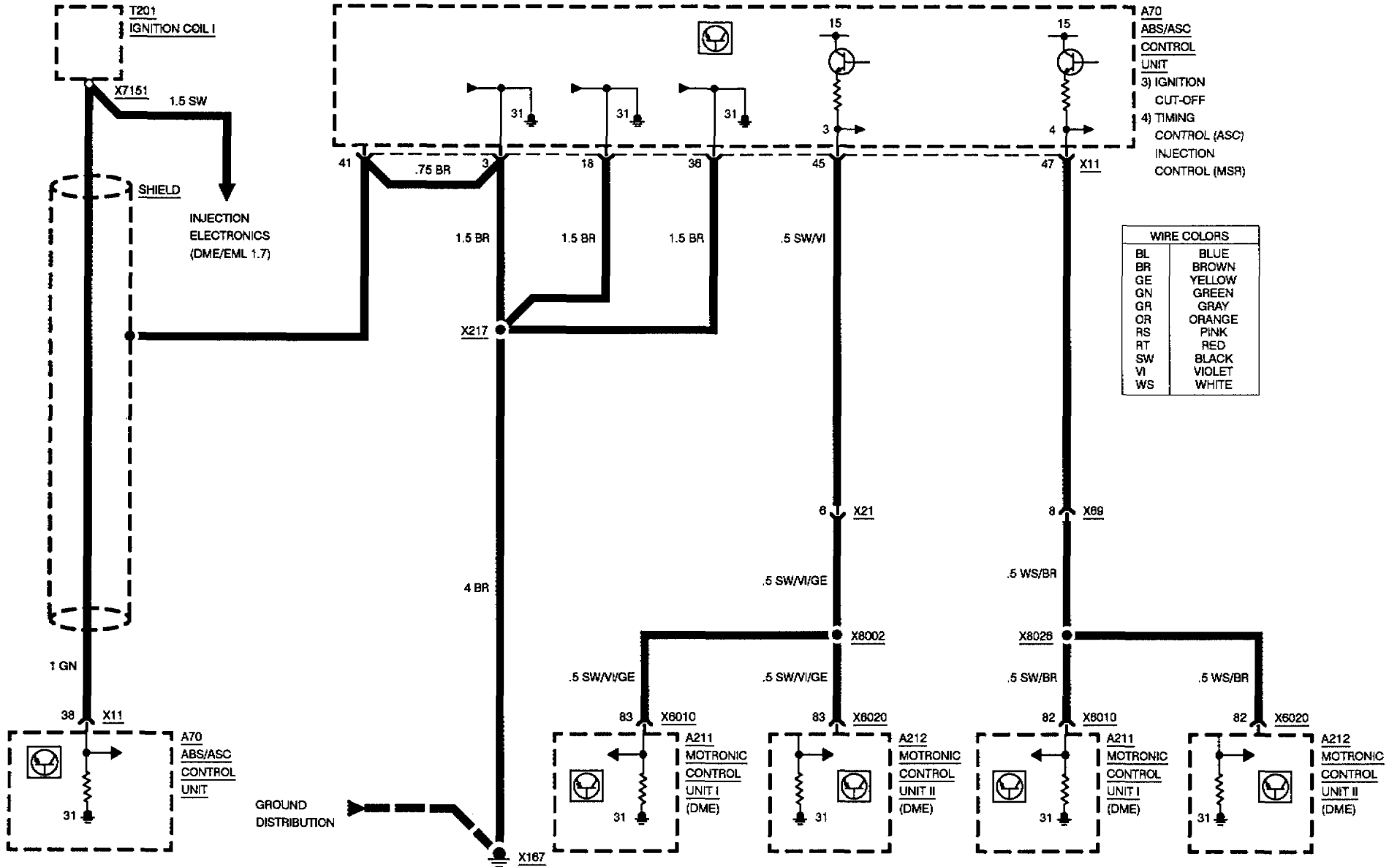
735i, 735iL





AUTOMATIC STABILITY CONTROL DME INTERFACE

750iL

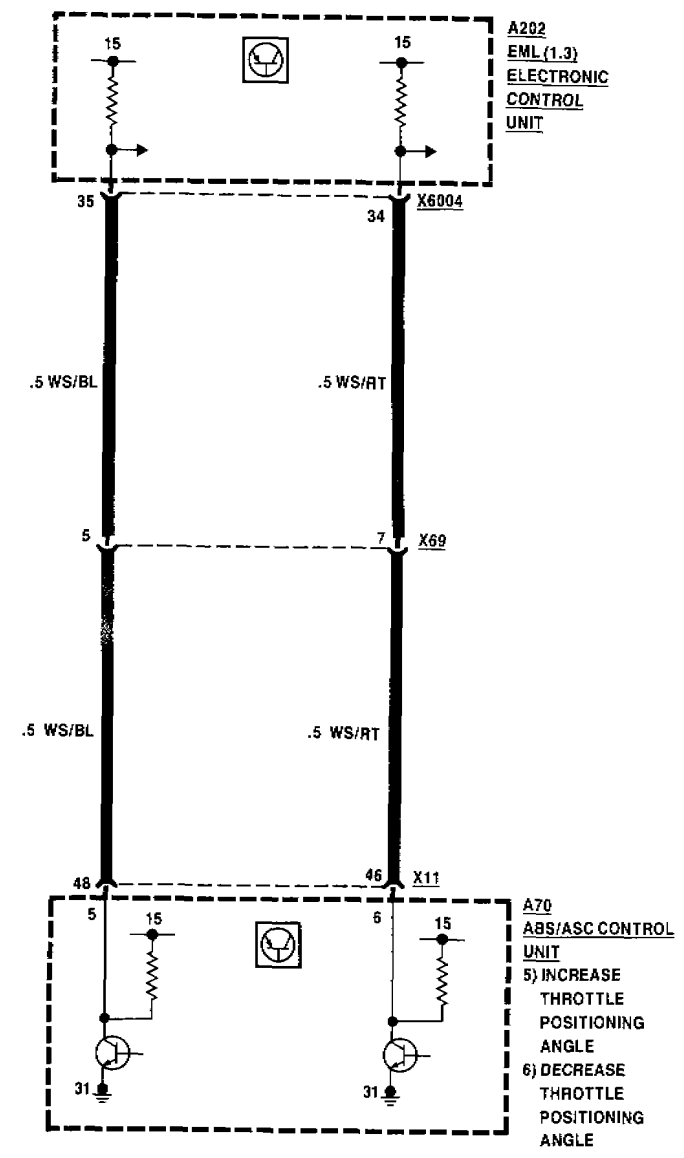
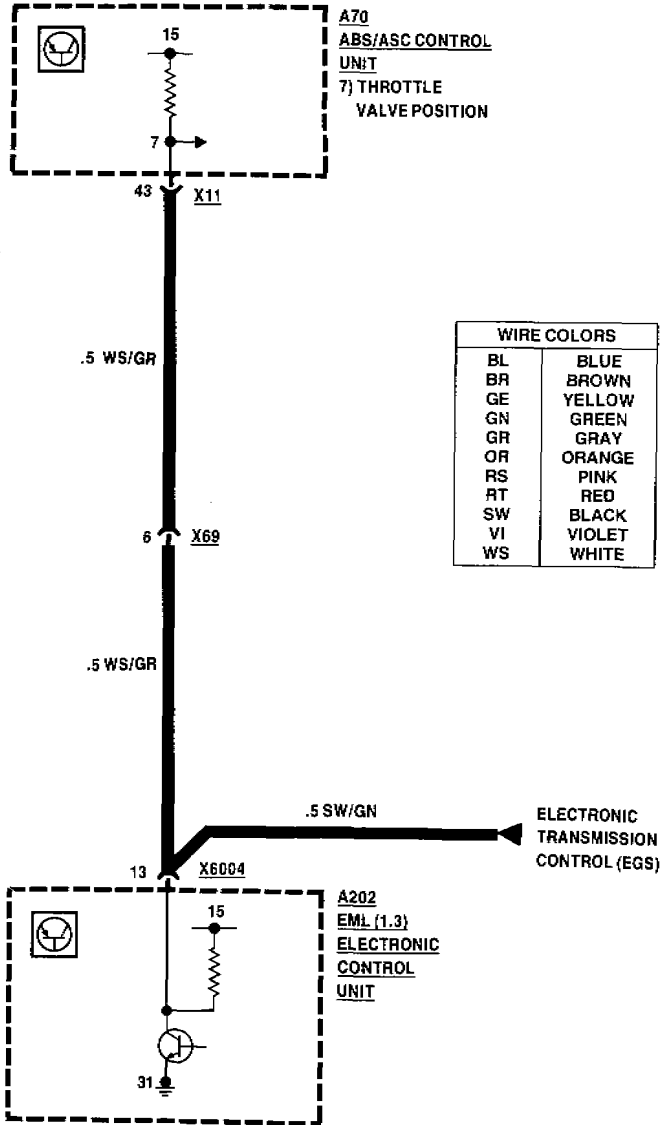




AUTOMATIC STABILITY CONTROL (ASC)

735i, 735iL

EML INTERFACE



10/90

3451-08

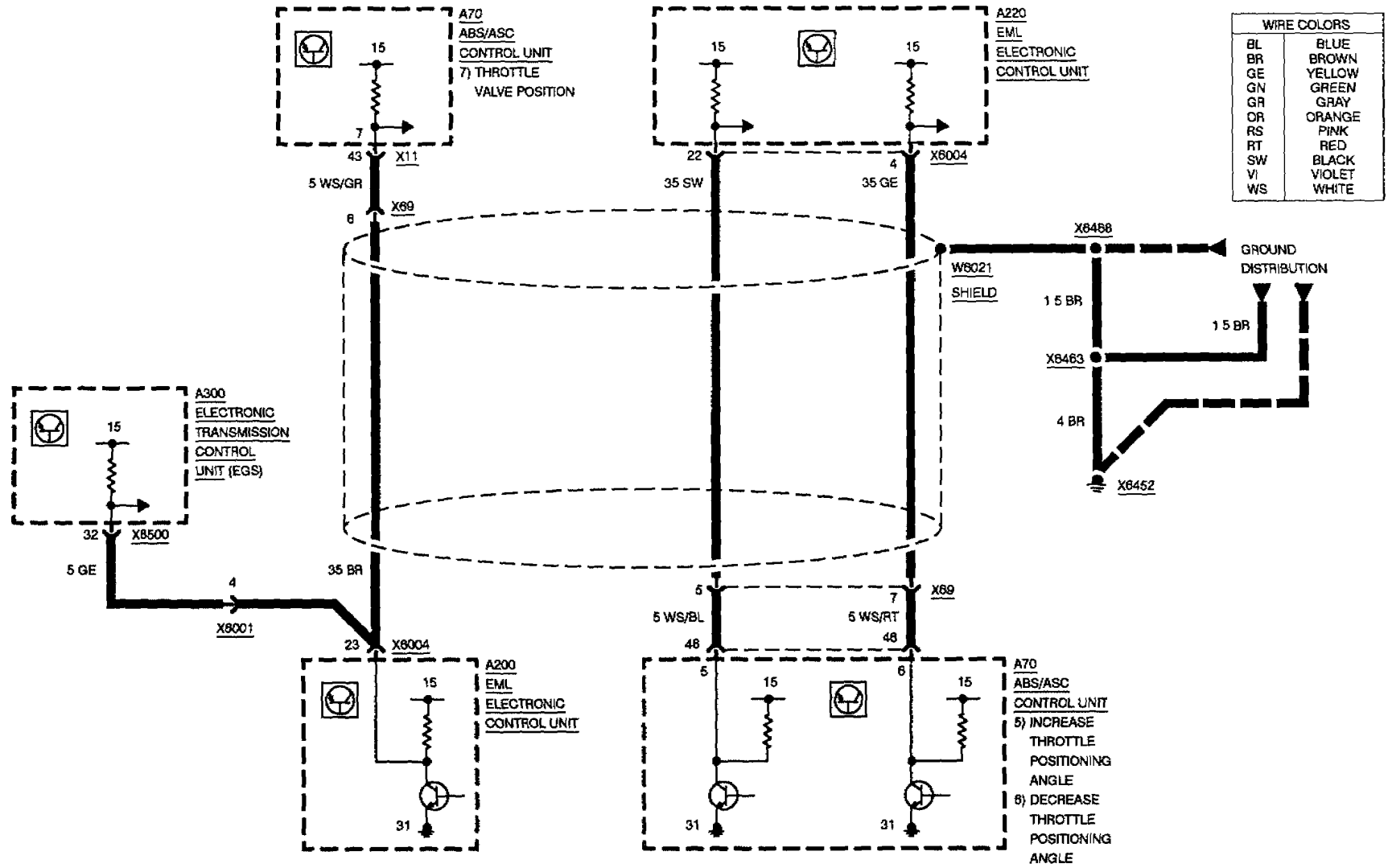
1991



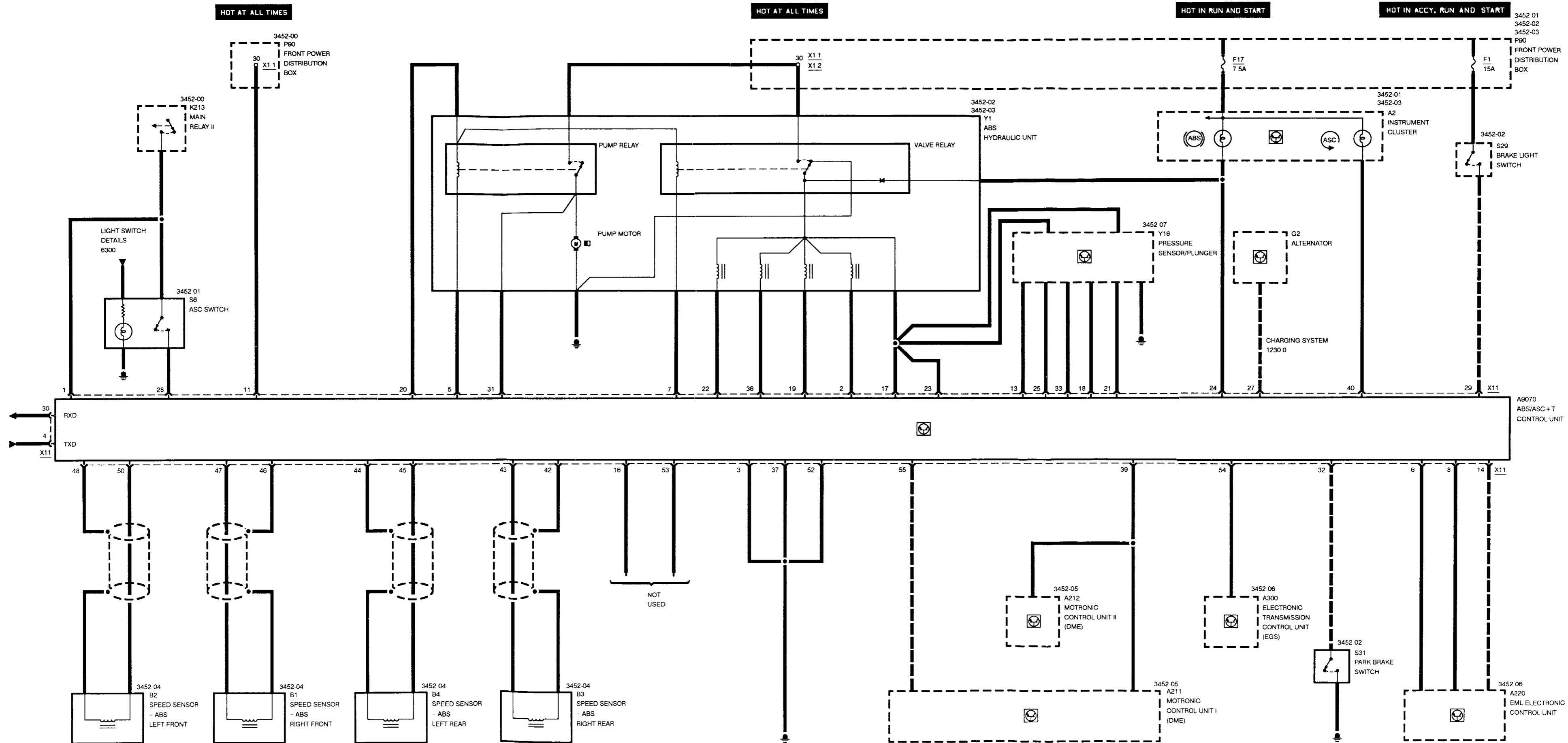
AUTOMATIC STABILITY CONTROL (ASC)

750iL

EML INTERFACE



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





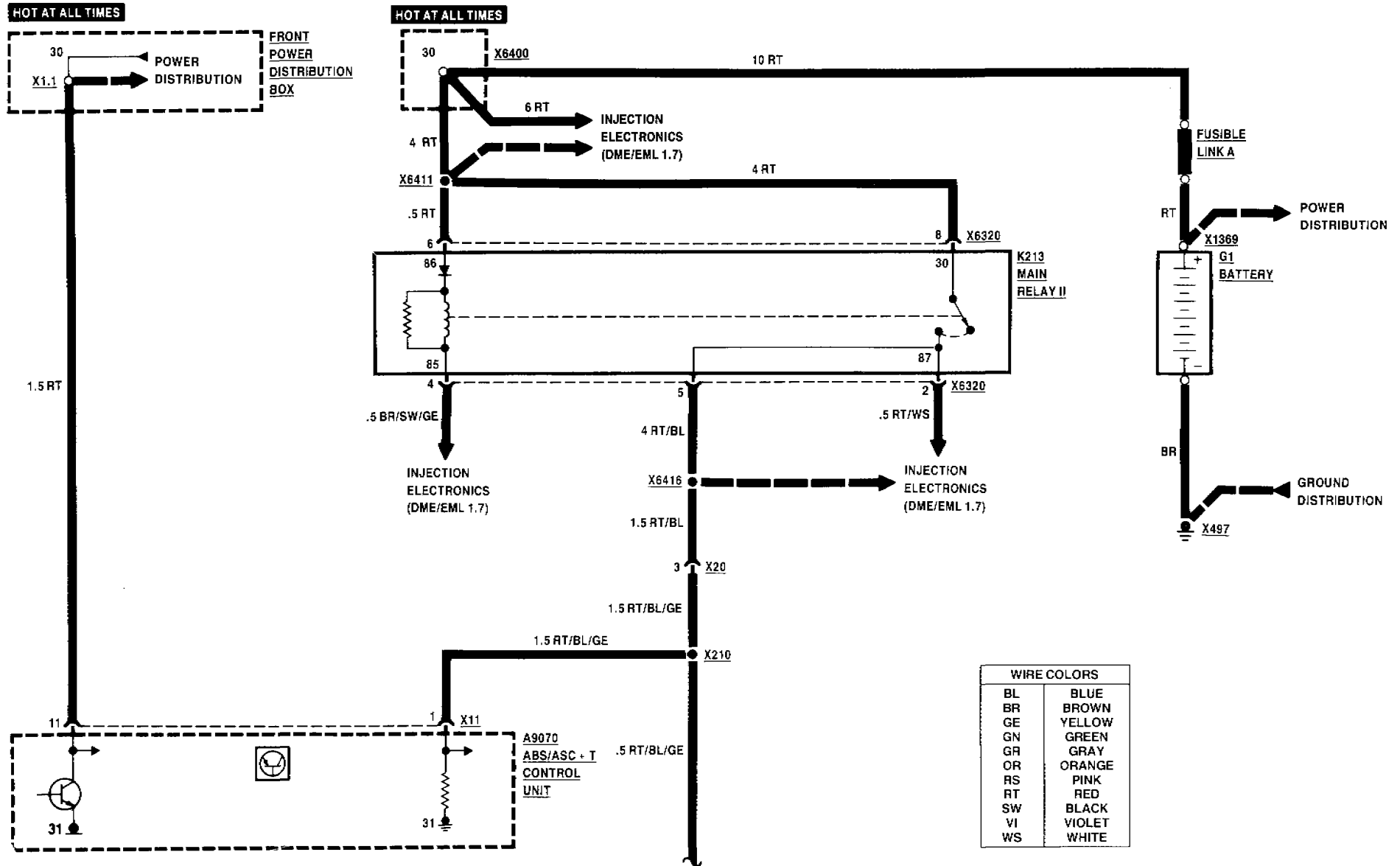
AUTOMATIC STABILITY PLUS TRACTION CONTROL (ASC + T)

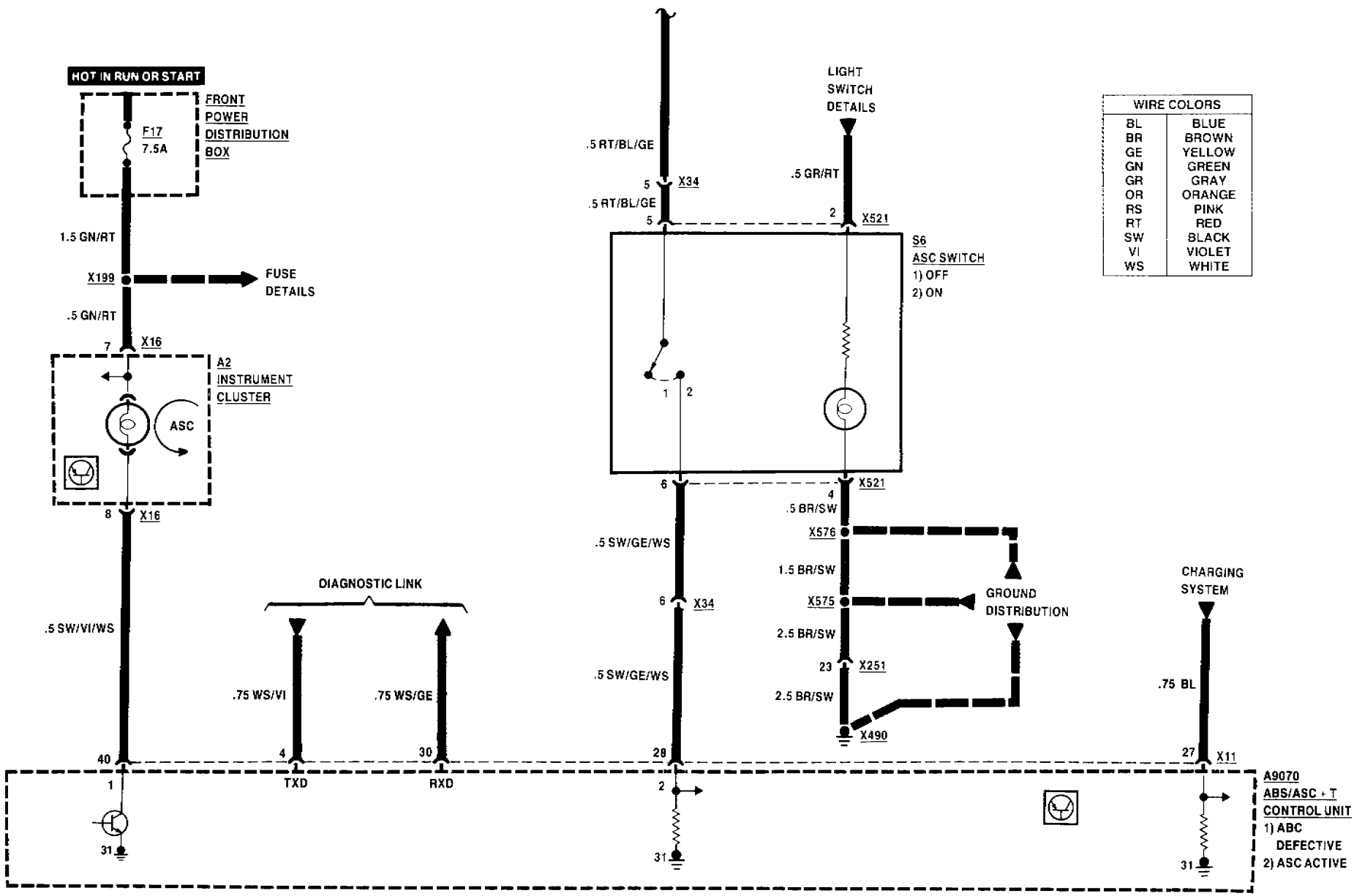
750iL

03/92

3452-00

1991



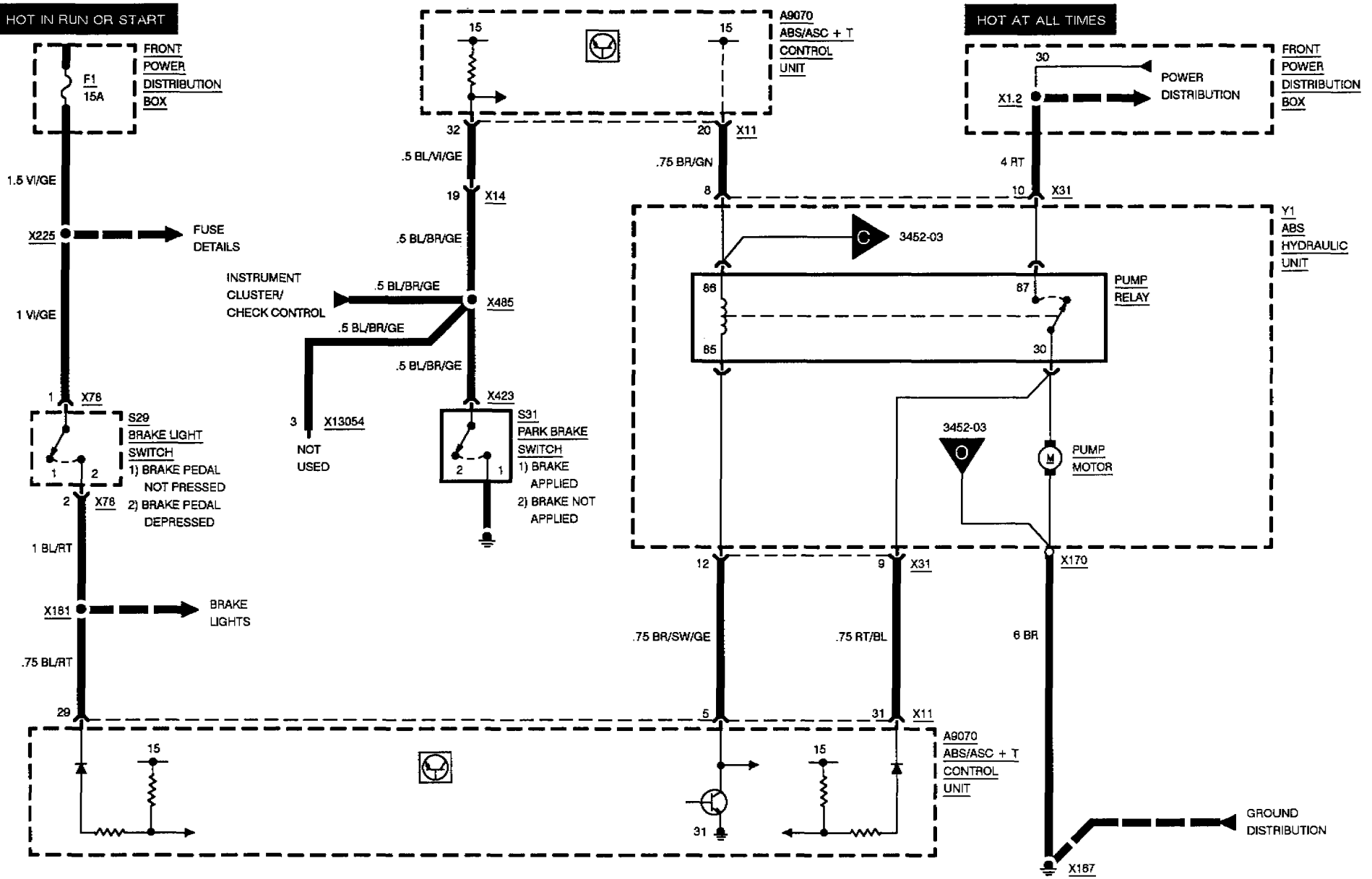


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



AUTOMATIC STABILITY PLUS TRACTION CONTROL (ASC + T)

750iL





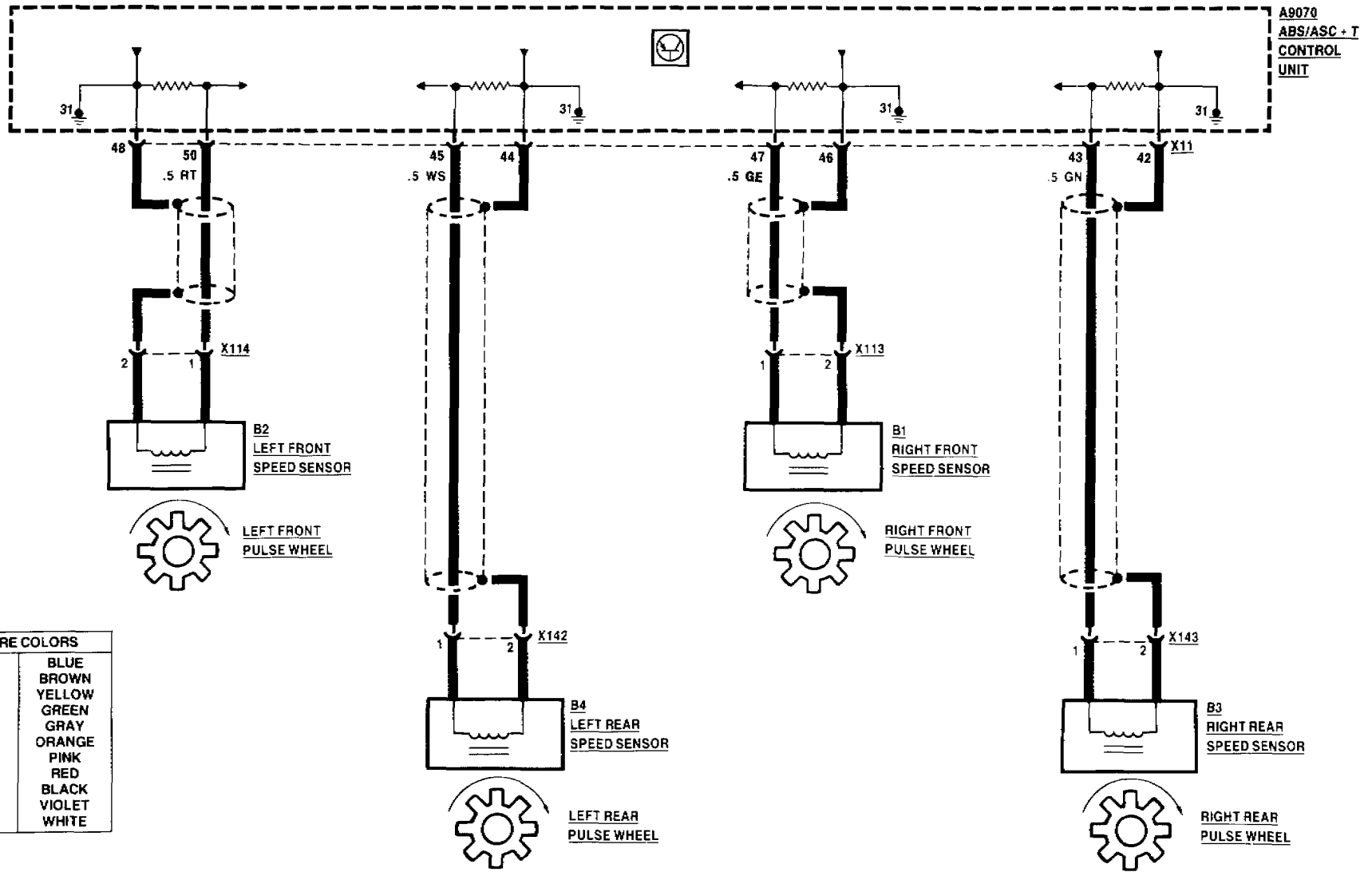
AUTOMATIC STABILITY PLUS TRACTION CONTROL (ASC + T)

750iL

03/92

3452-04

1991



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



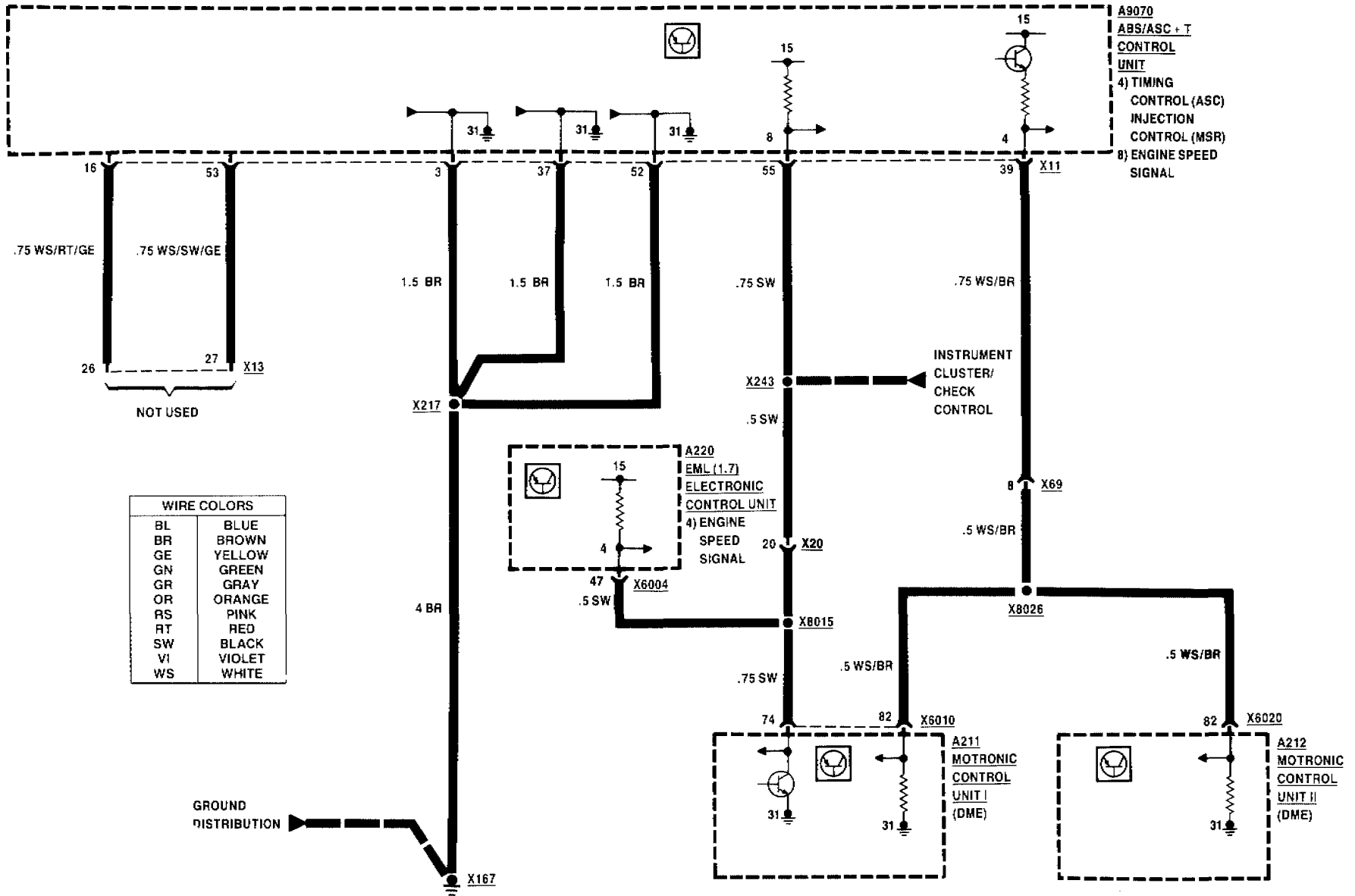
AUTOMATIC STABILITY PLUS TRACTION CONTROL (ASC + T) DME INTERFACE

750iL

03/92

3452-05

1991





AUTOMATIC STABILITY TRACTION CONTROL (ASC + T)

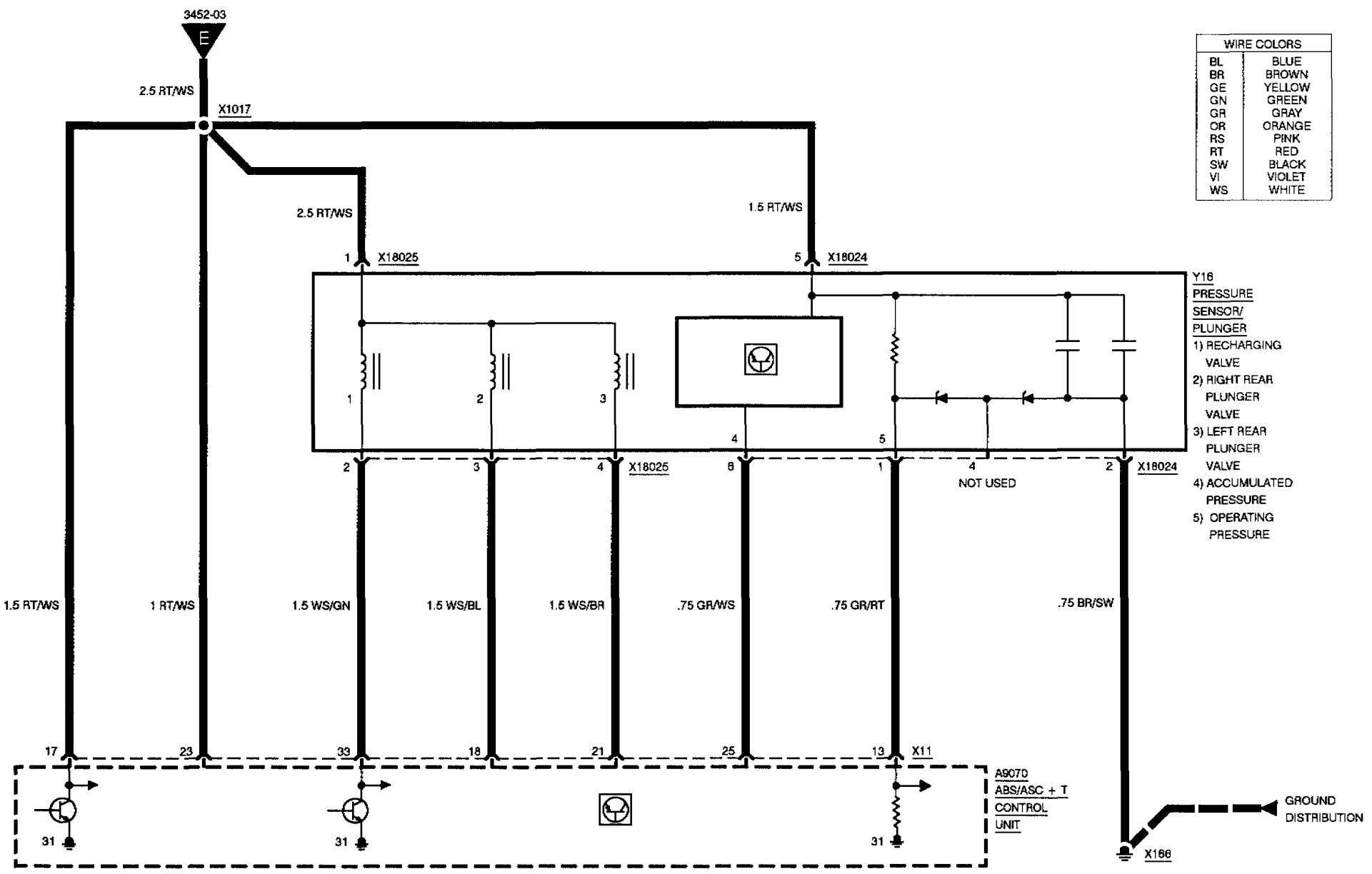
750iL

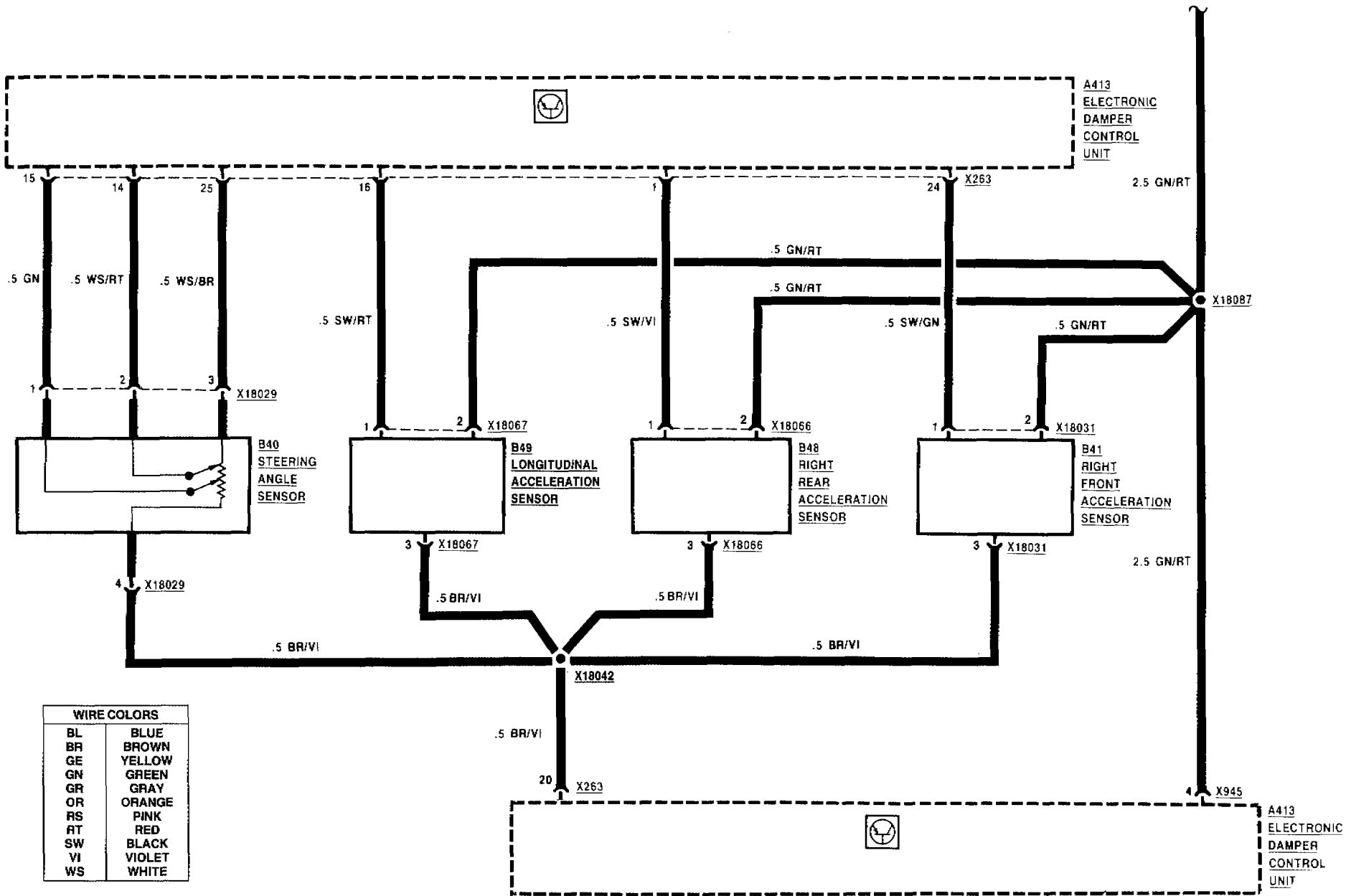
03/92

3452-07

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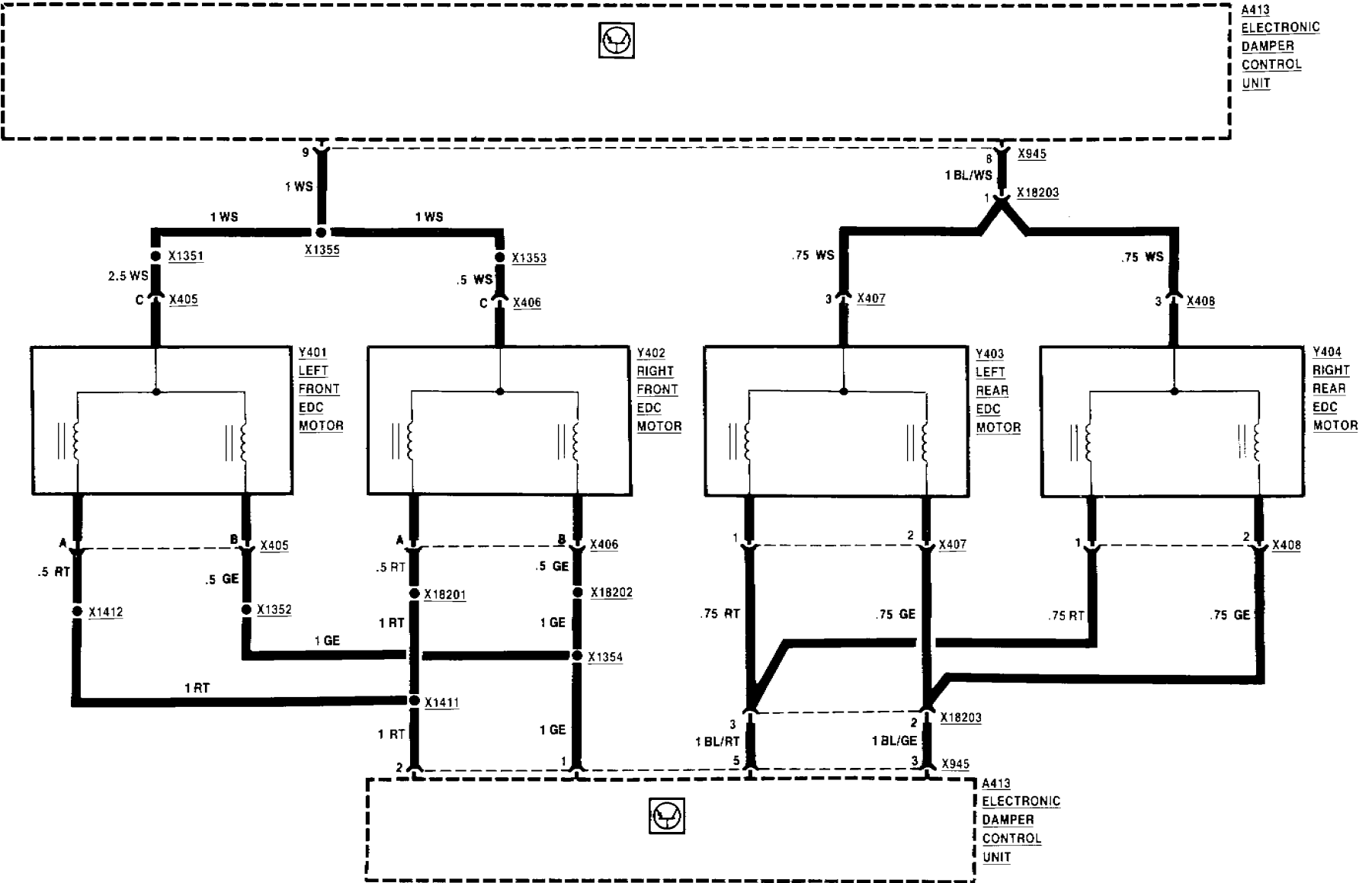
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |







ELECTRONIC DAMPER CONTROL (EDC III)

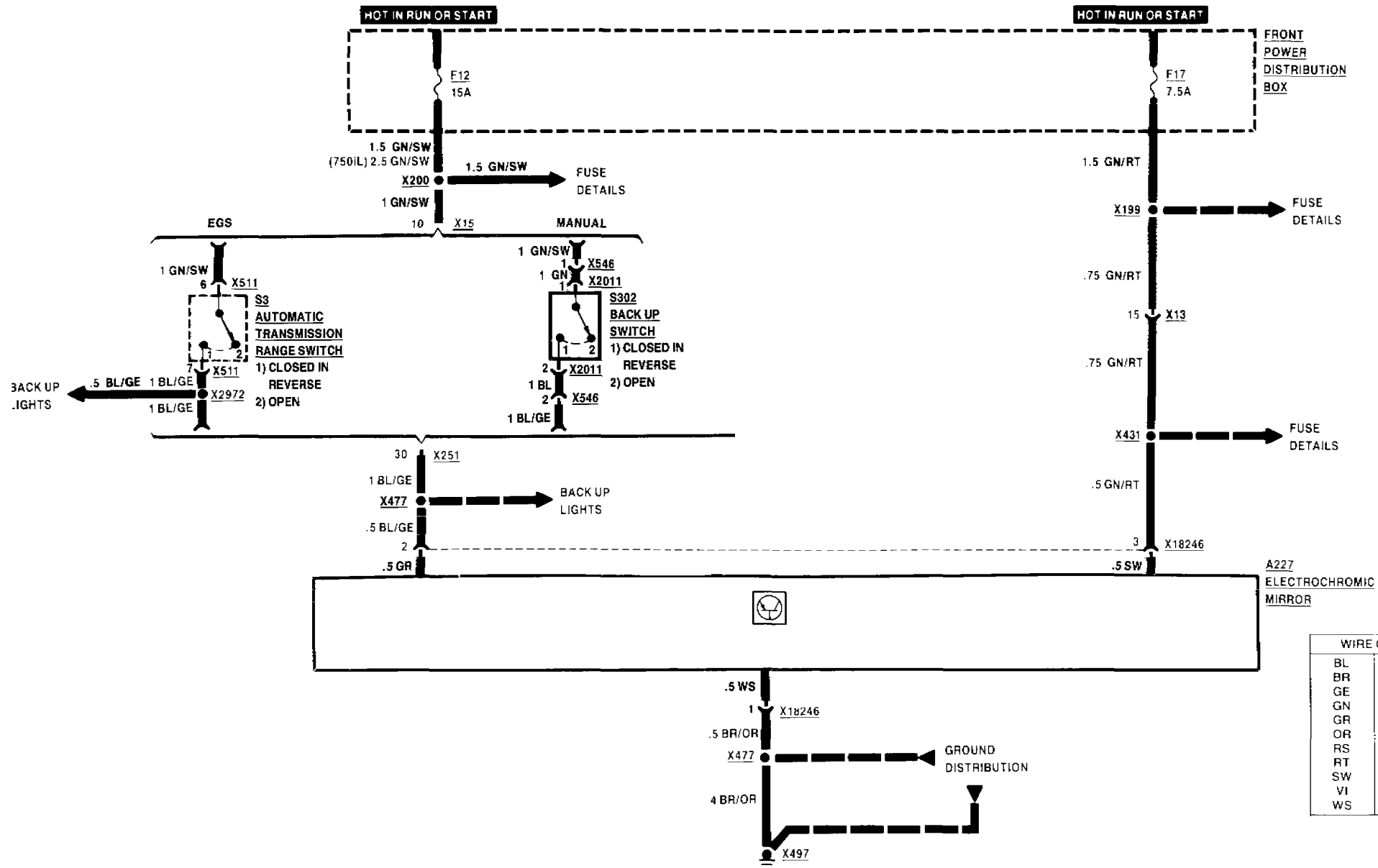


03/92

3715-02

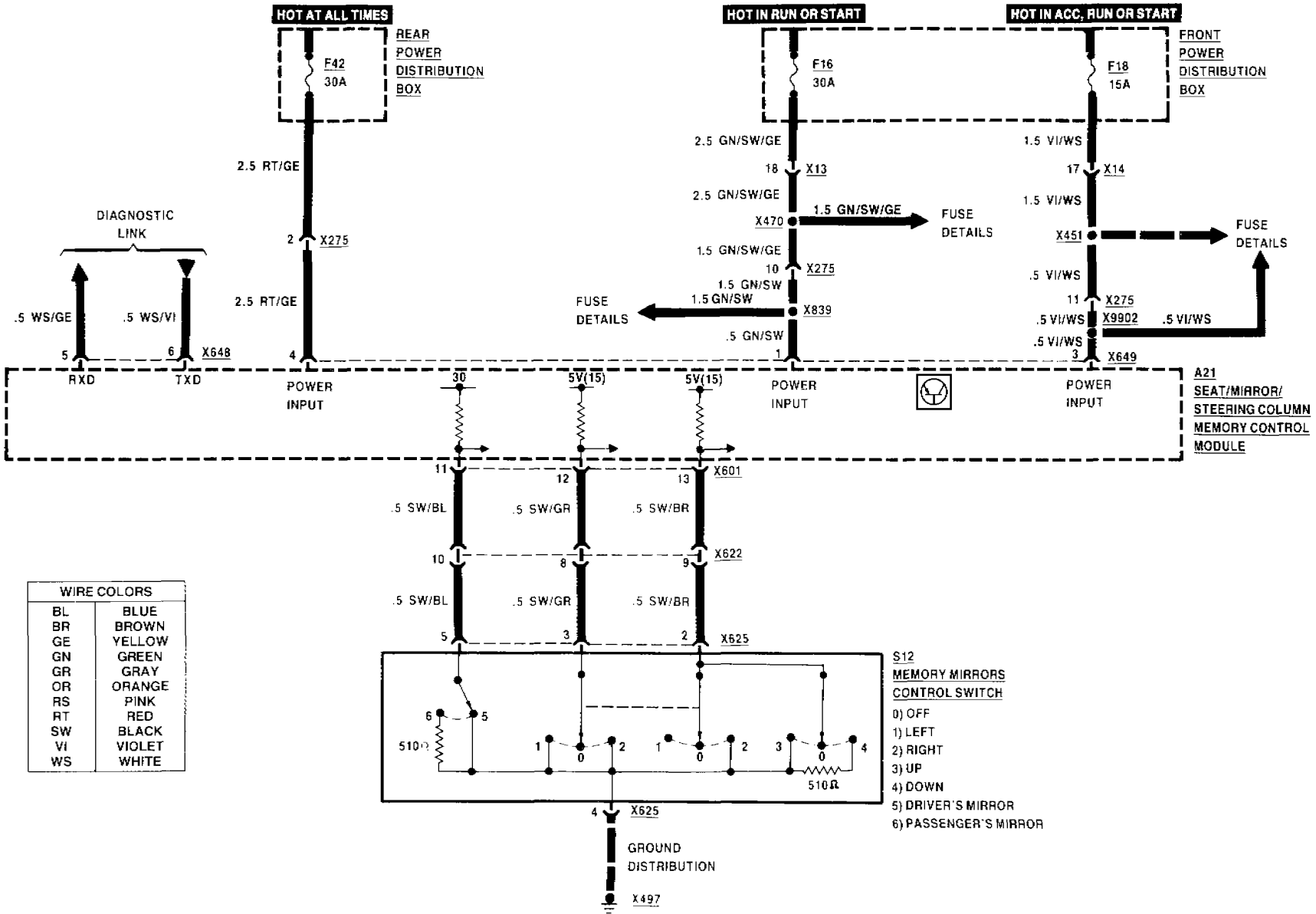
1991

ELECTRONIC MIRROR



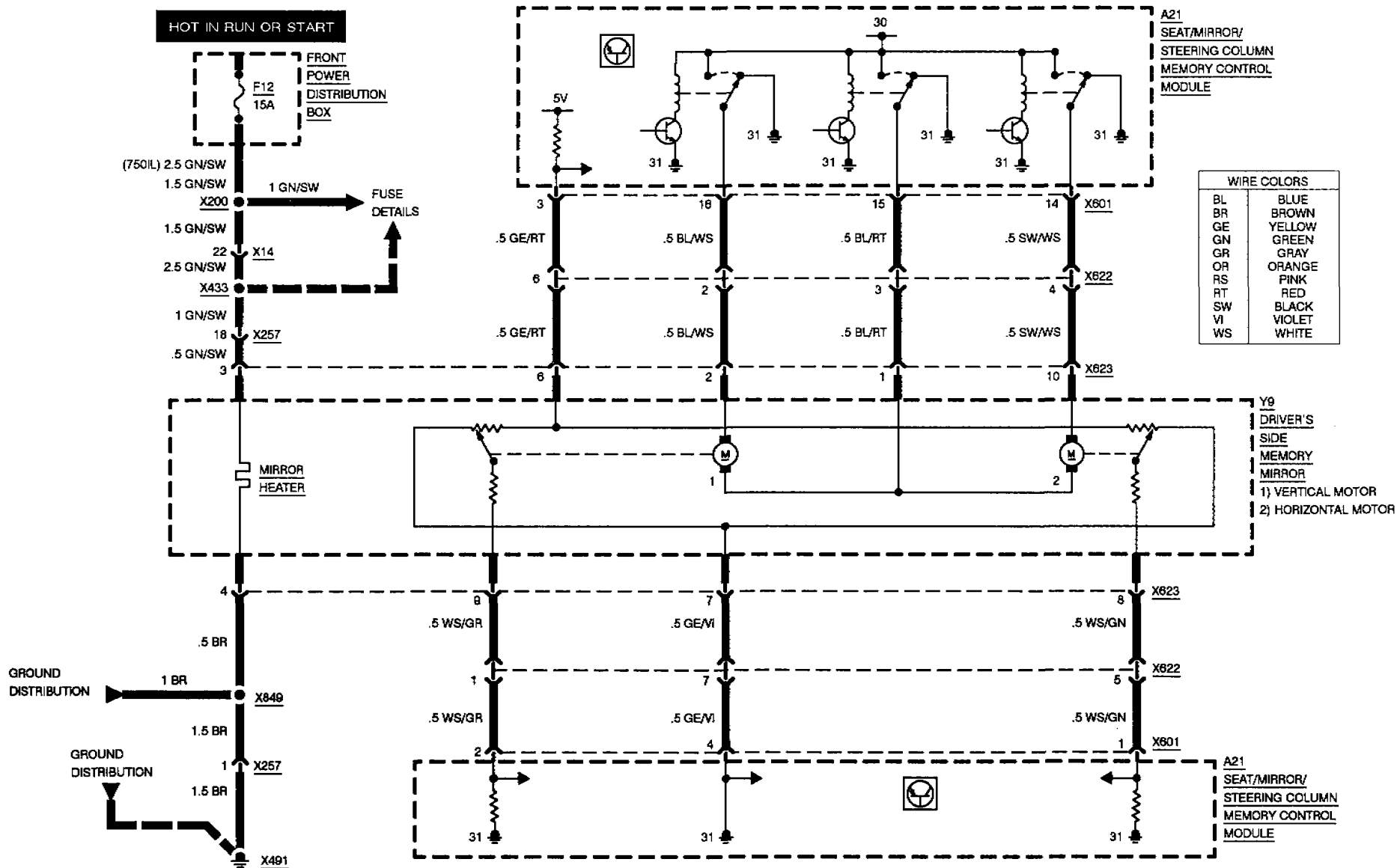
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

MEMORY MIRRORS



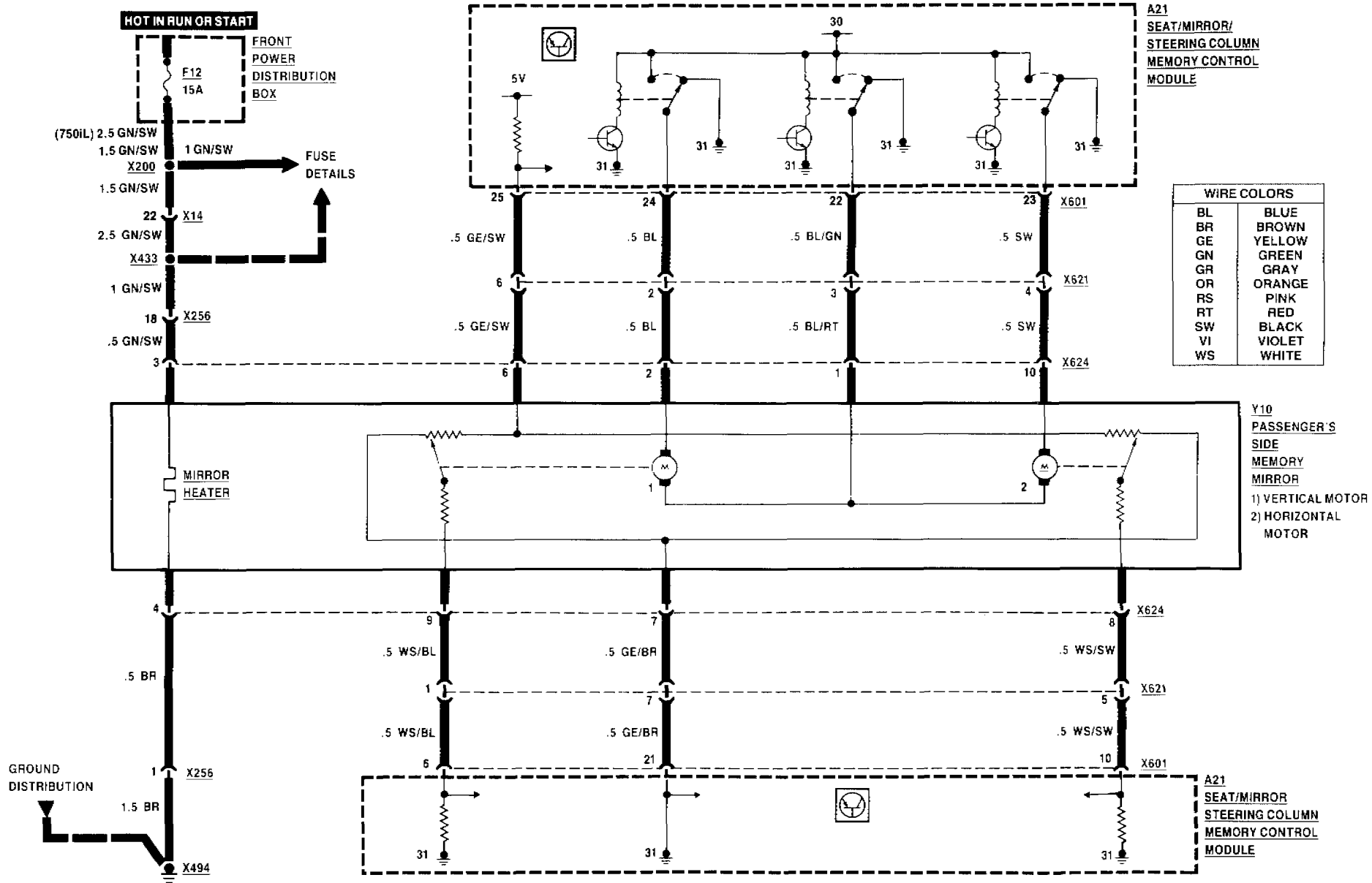


MEMORY MIRRORS



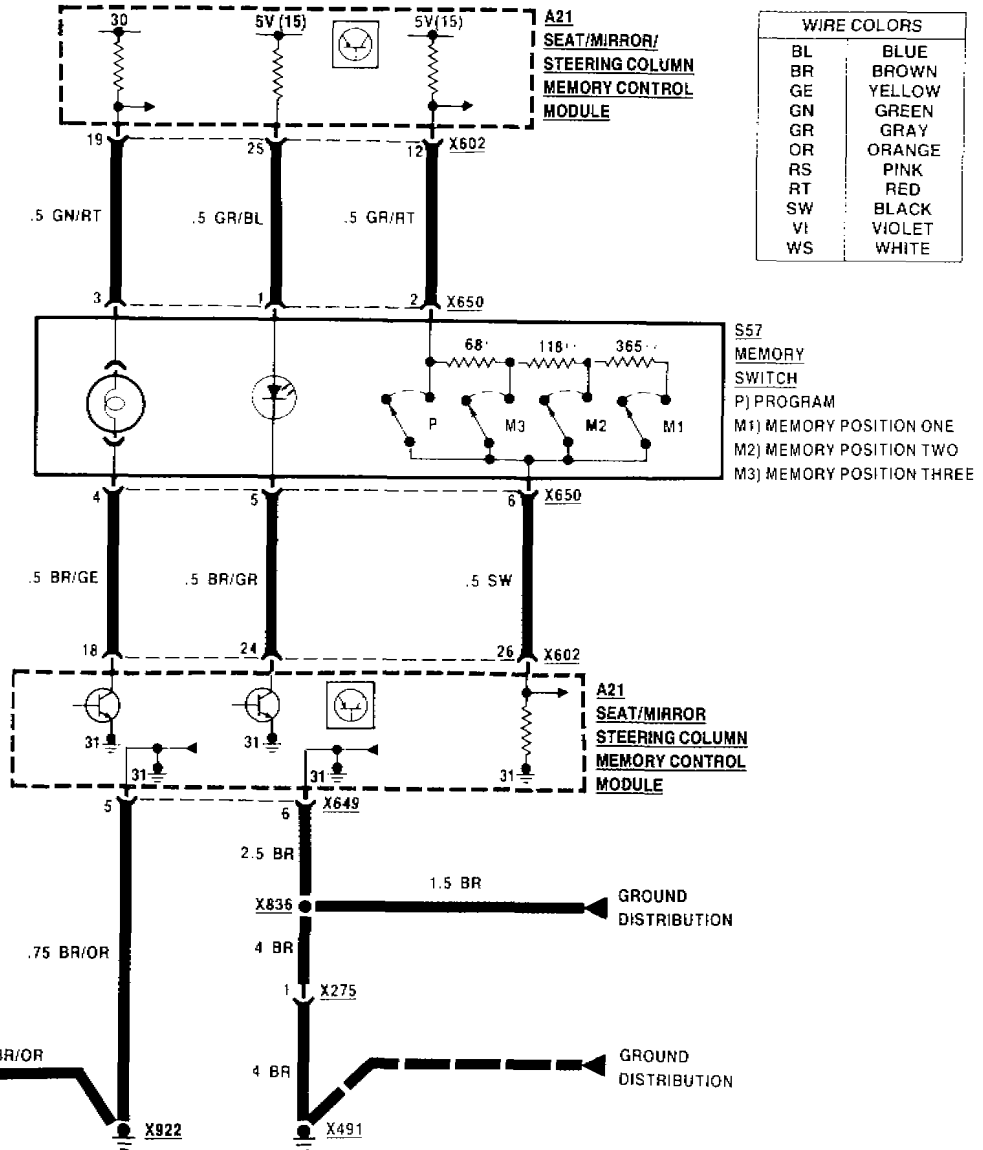
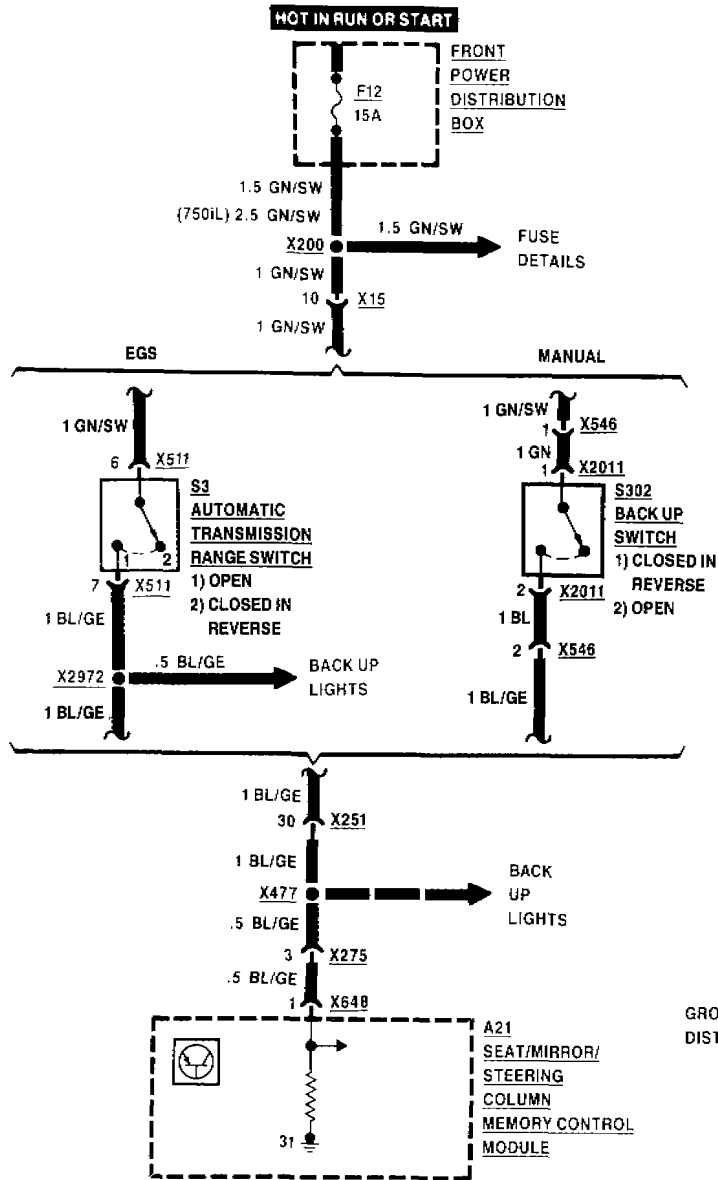


MEMORY MIRRORS





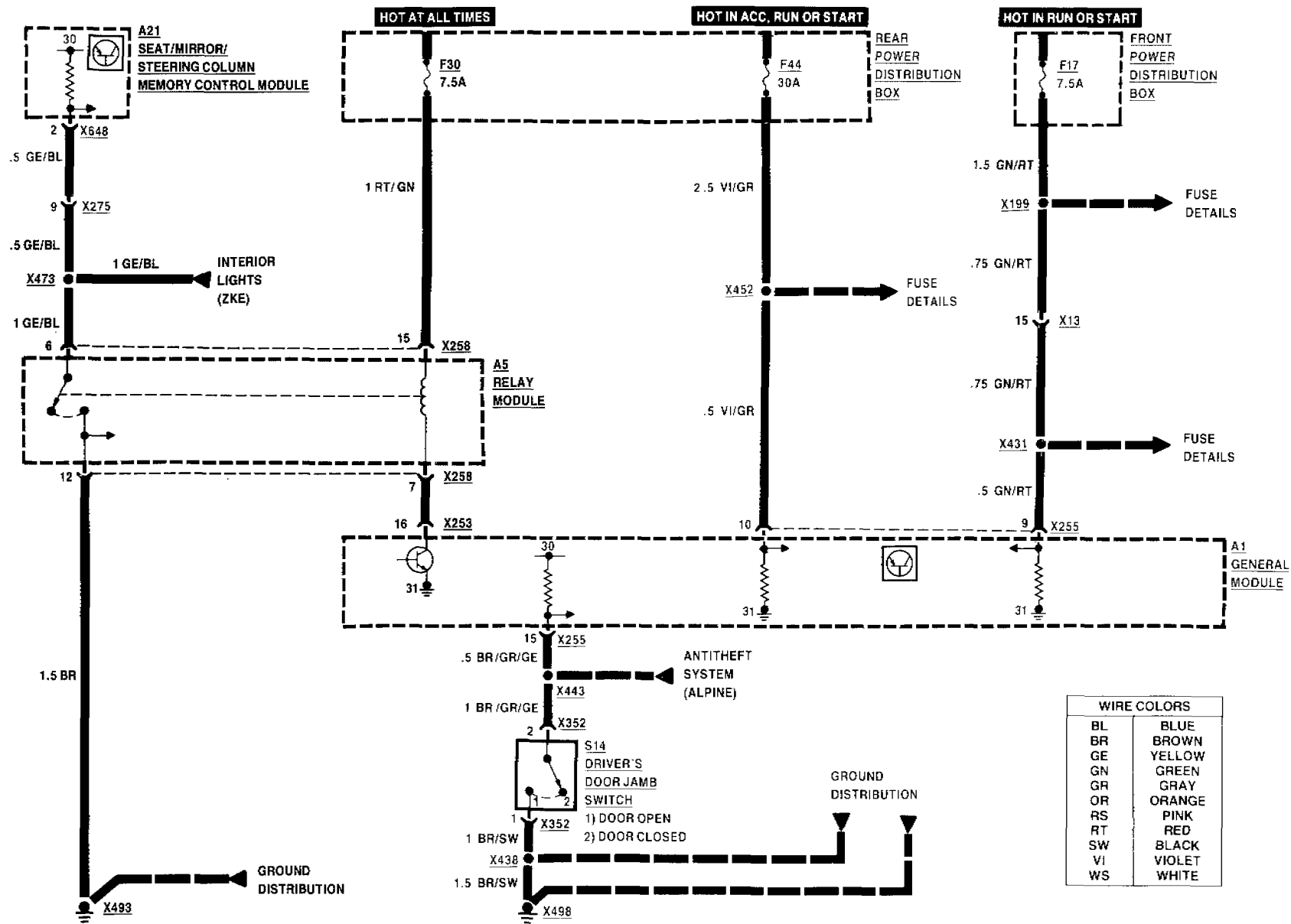
MEMORY MIRRORS



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



MEMORY MIRRORS

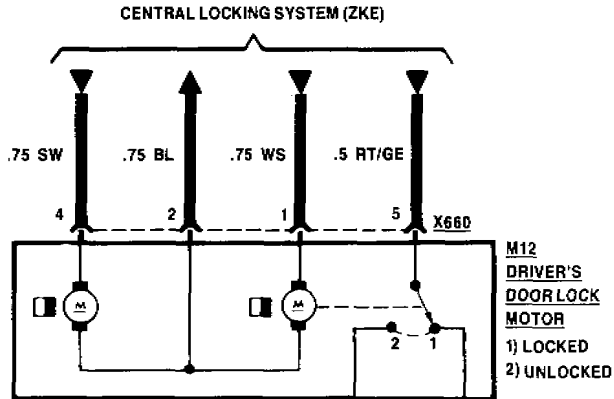


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

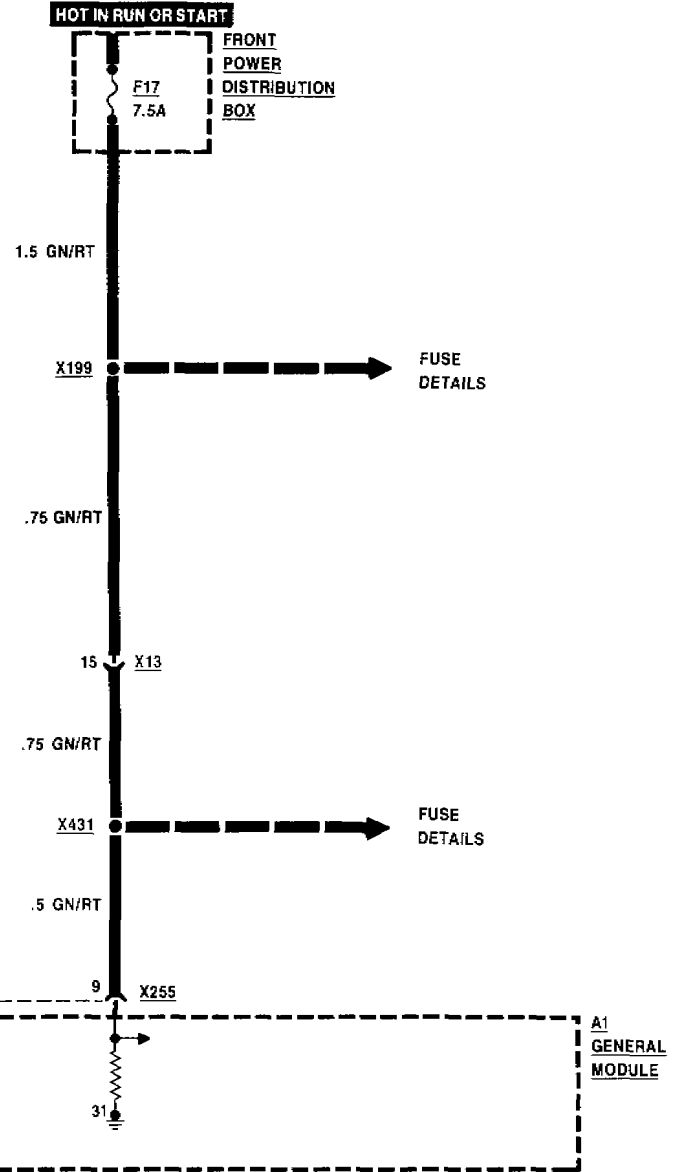
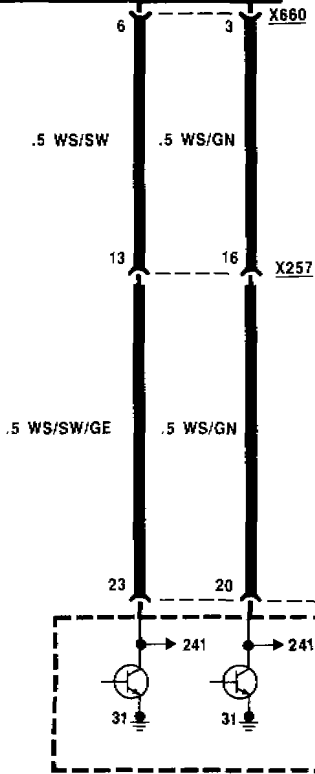


DOOR LOCK HEATING (ZKE)

INPUT DETAILS



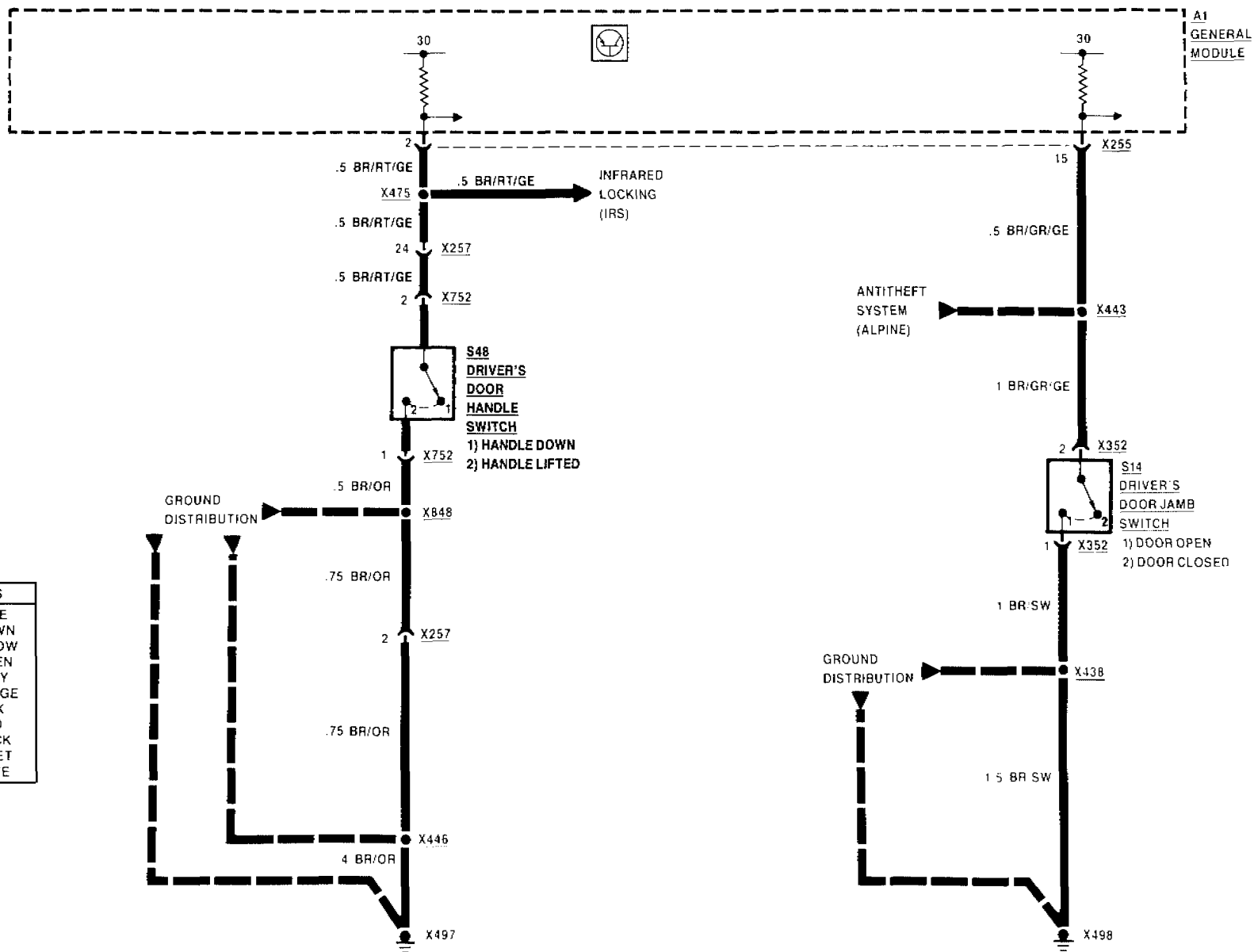
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





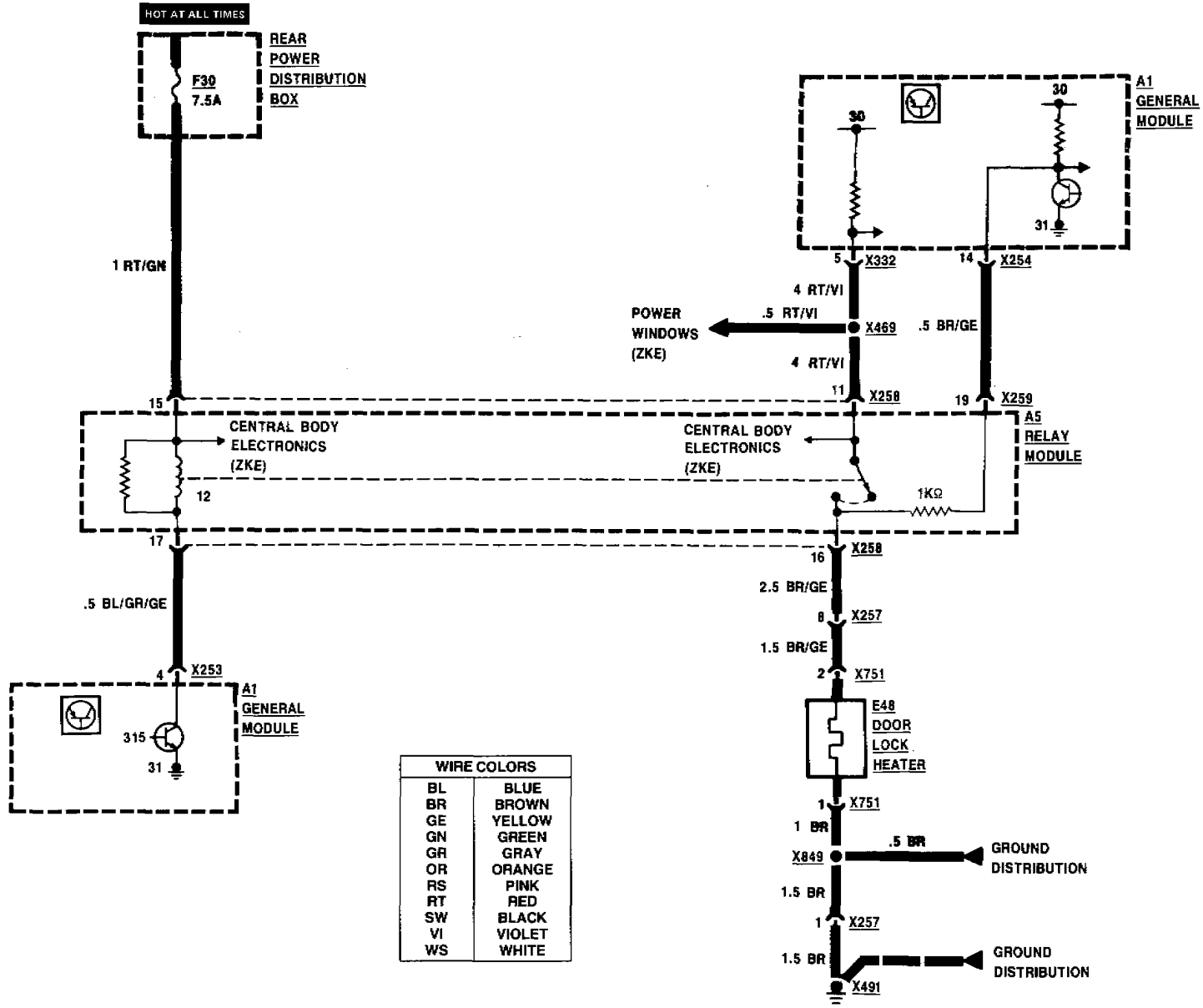
DOOR LOCK HEATING (ZKE)

INPUT DETAILS





DOOR LOCK HEATING (ZKE) OUTPUT DETAILS

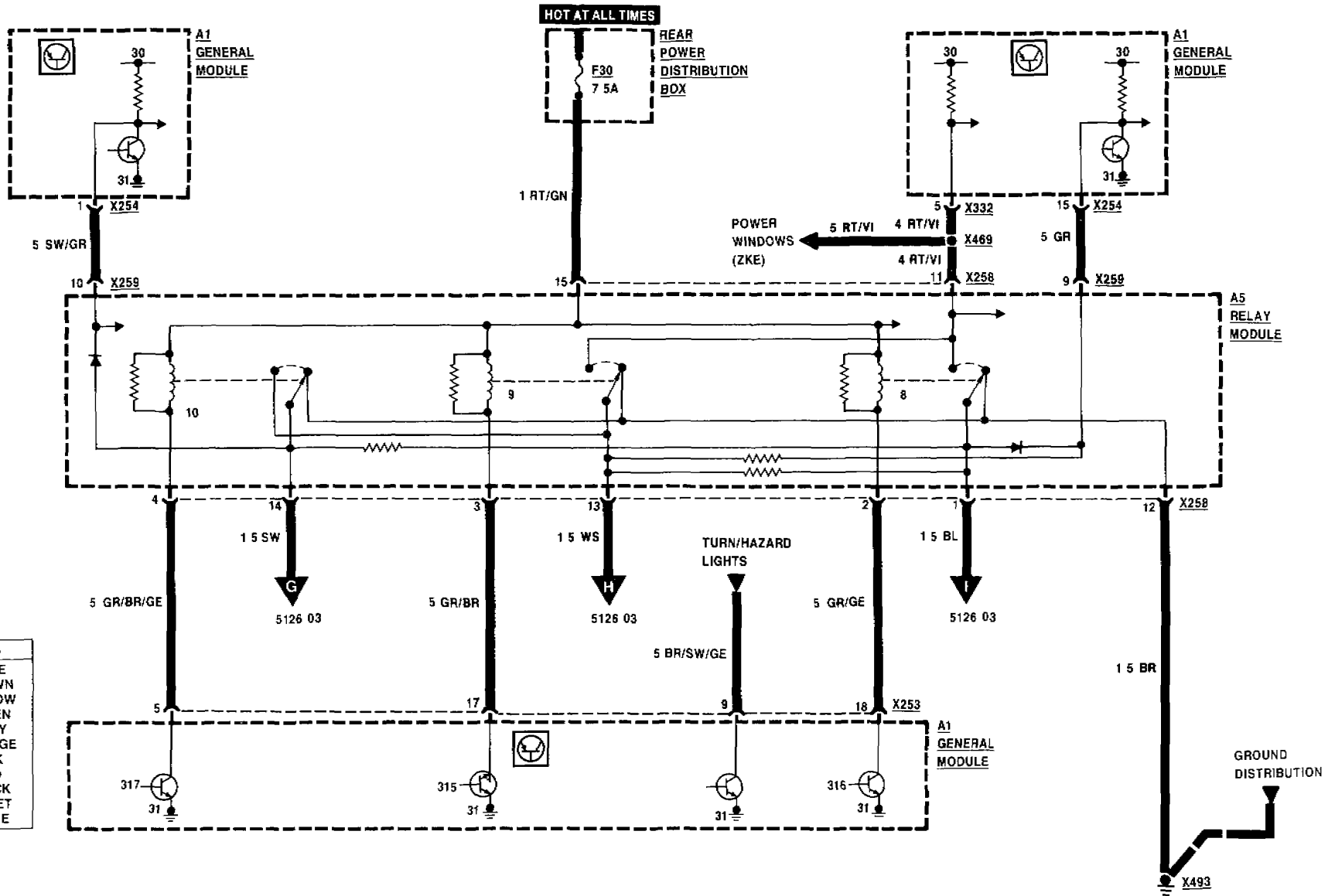


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



CENTRAL LOCKING SYSTEM (ZKE)

OUTPUT DETAILS



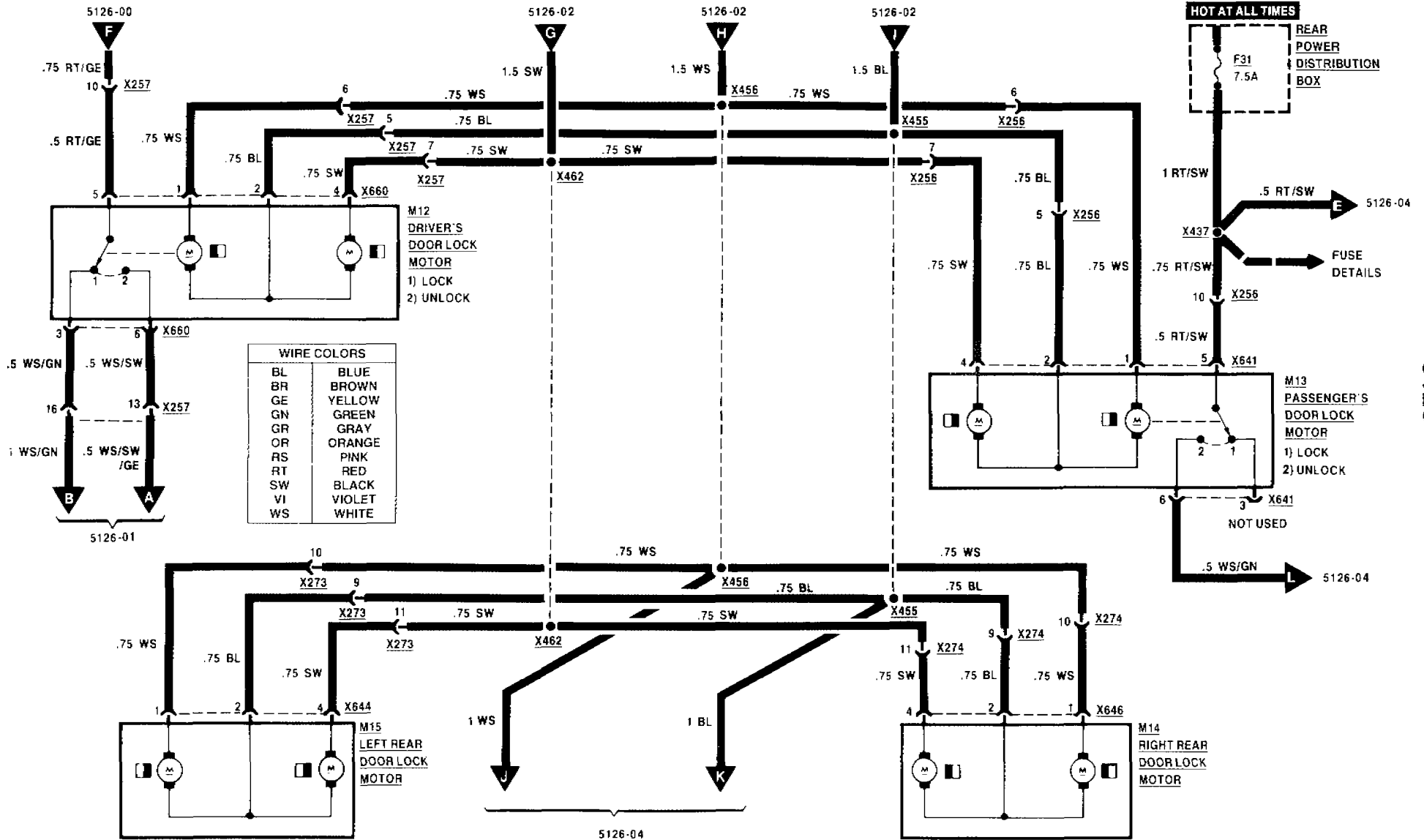
10/90

5126-02

1991



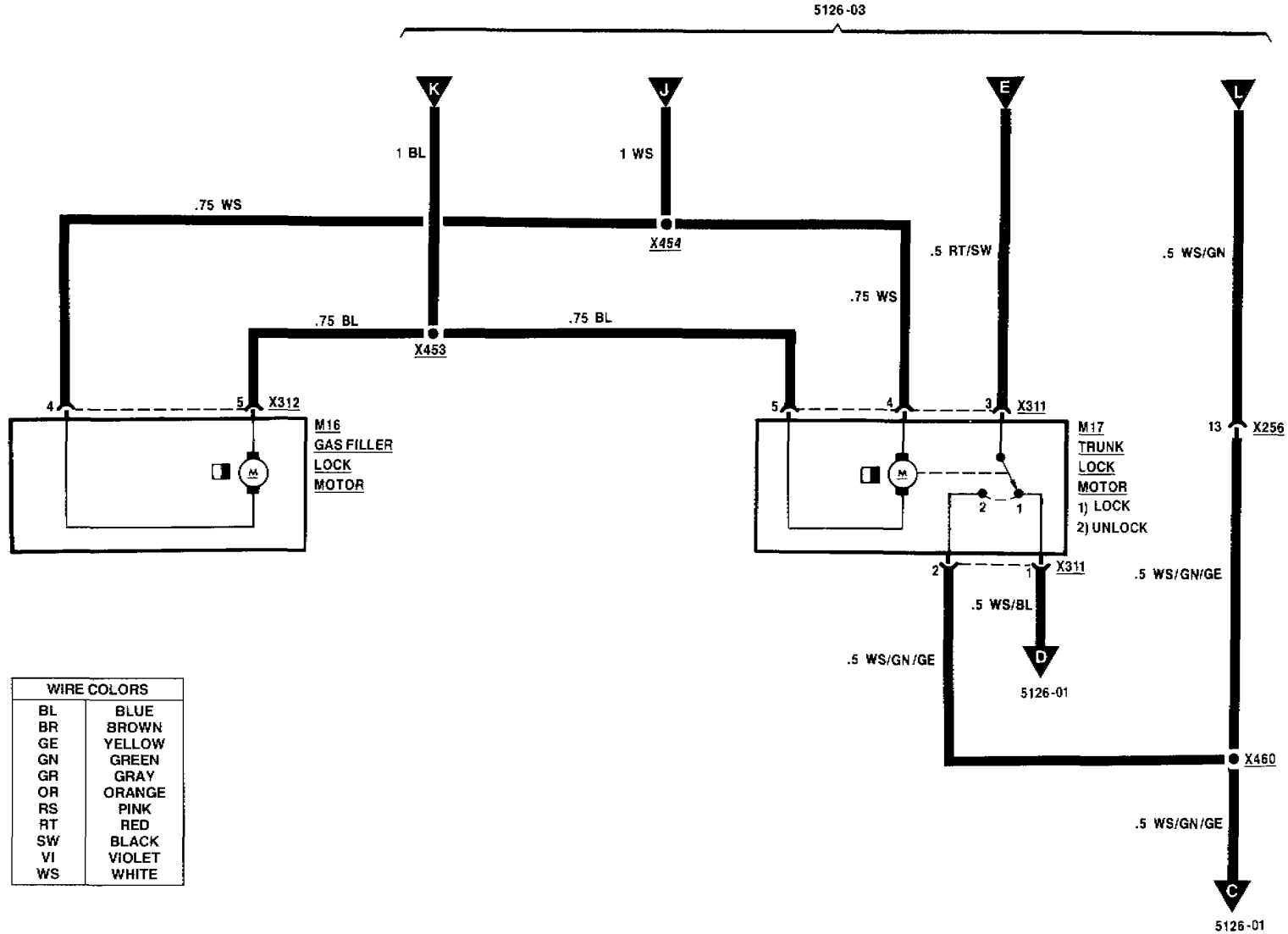
CENTRAL LOCKING SYSTEM (ZKE) OUTPUT DETAILS





CENTRAL LOCKING SYSTEM (ZKE)

OUTPUT DETAILS



10/90

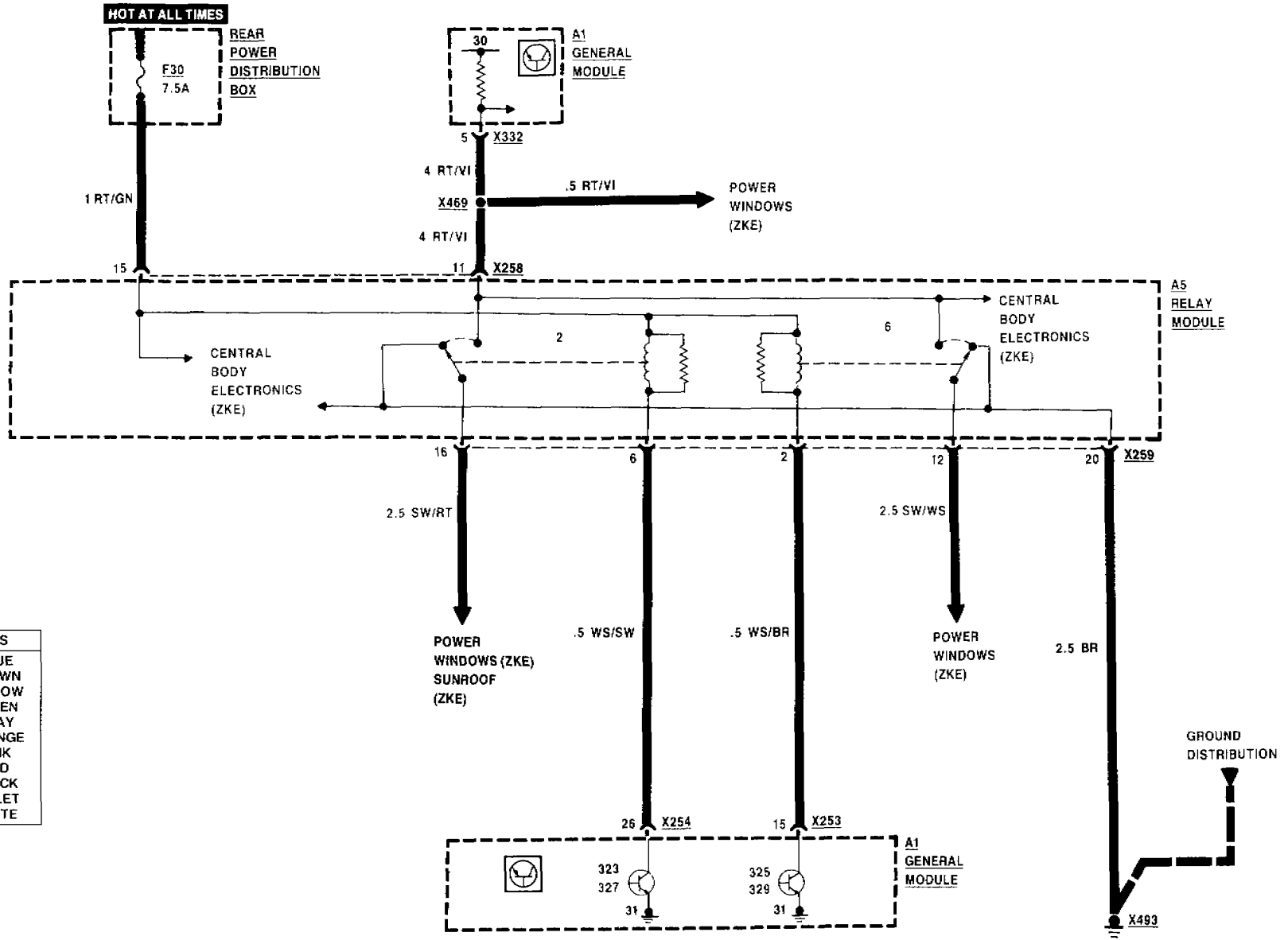
5126-04

1991



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

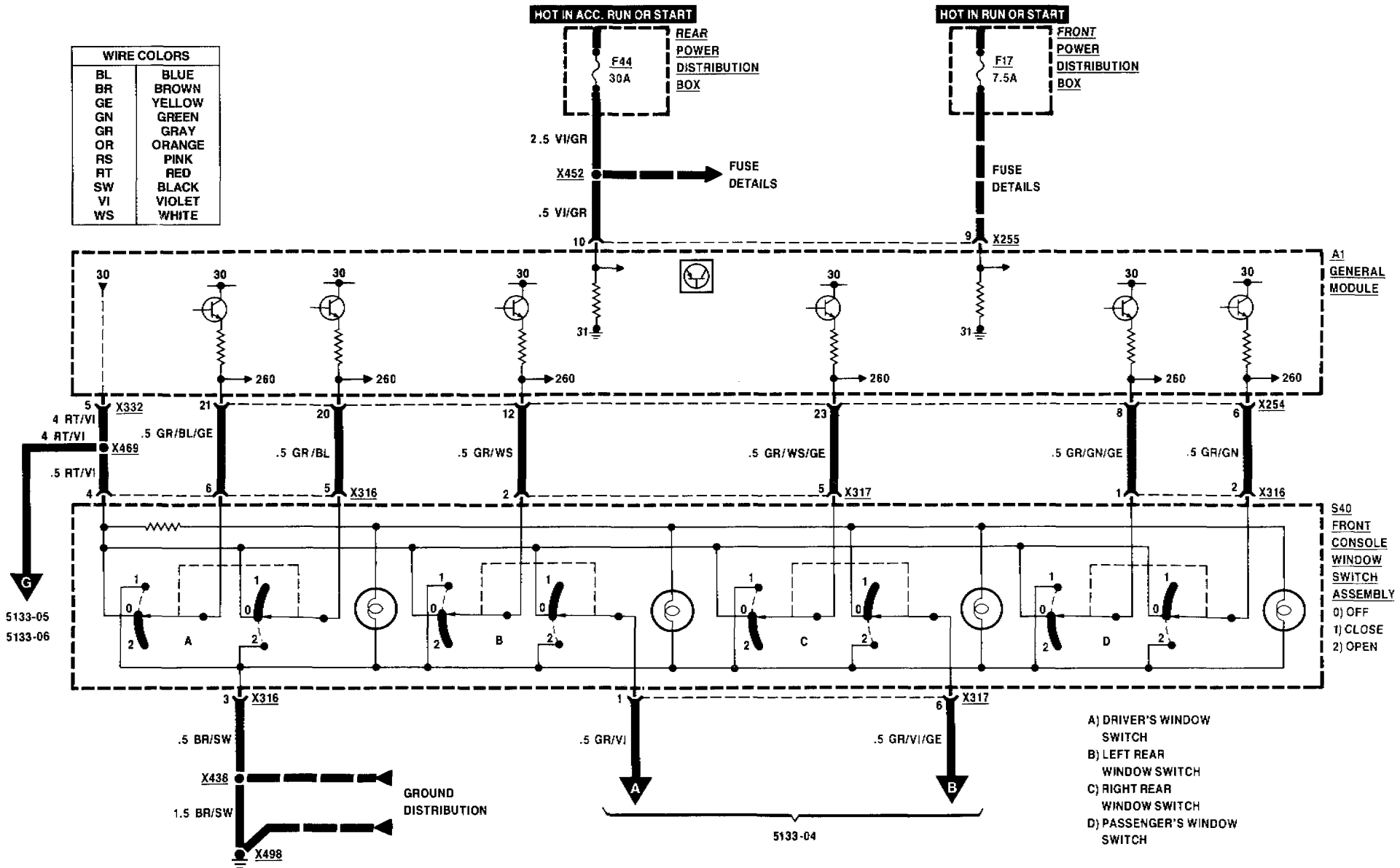
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

HOT IN ACC. RUN OR START

HOT IN RUN OR START

REAR POWER DISTRIBUTION BOX

FRONT POWER DISTRIBUTION BOX



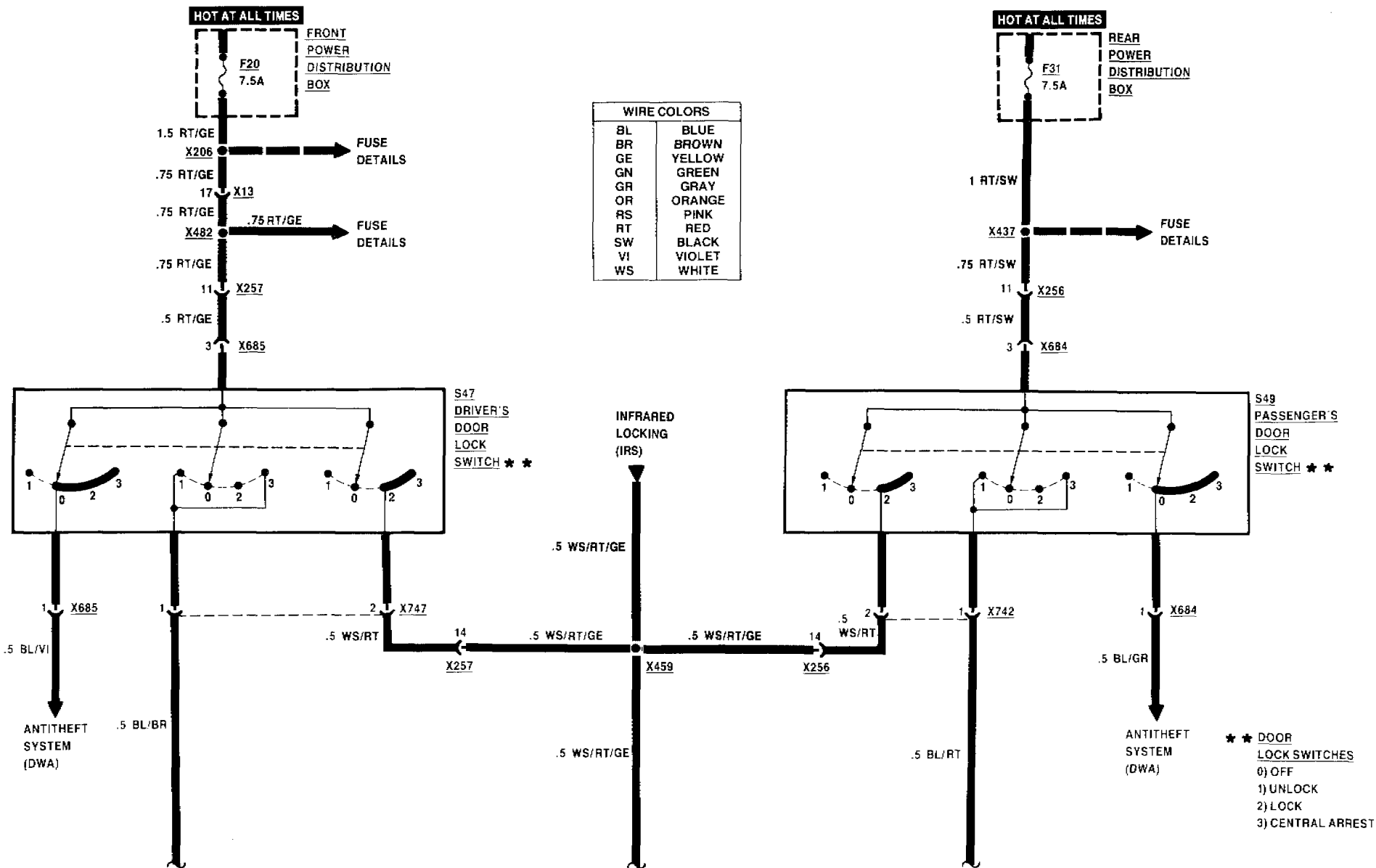
5133-05
5133-06

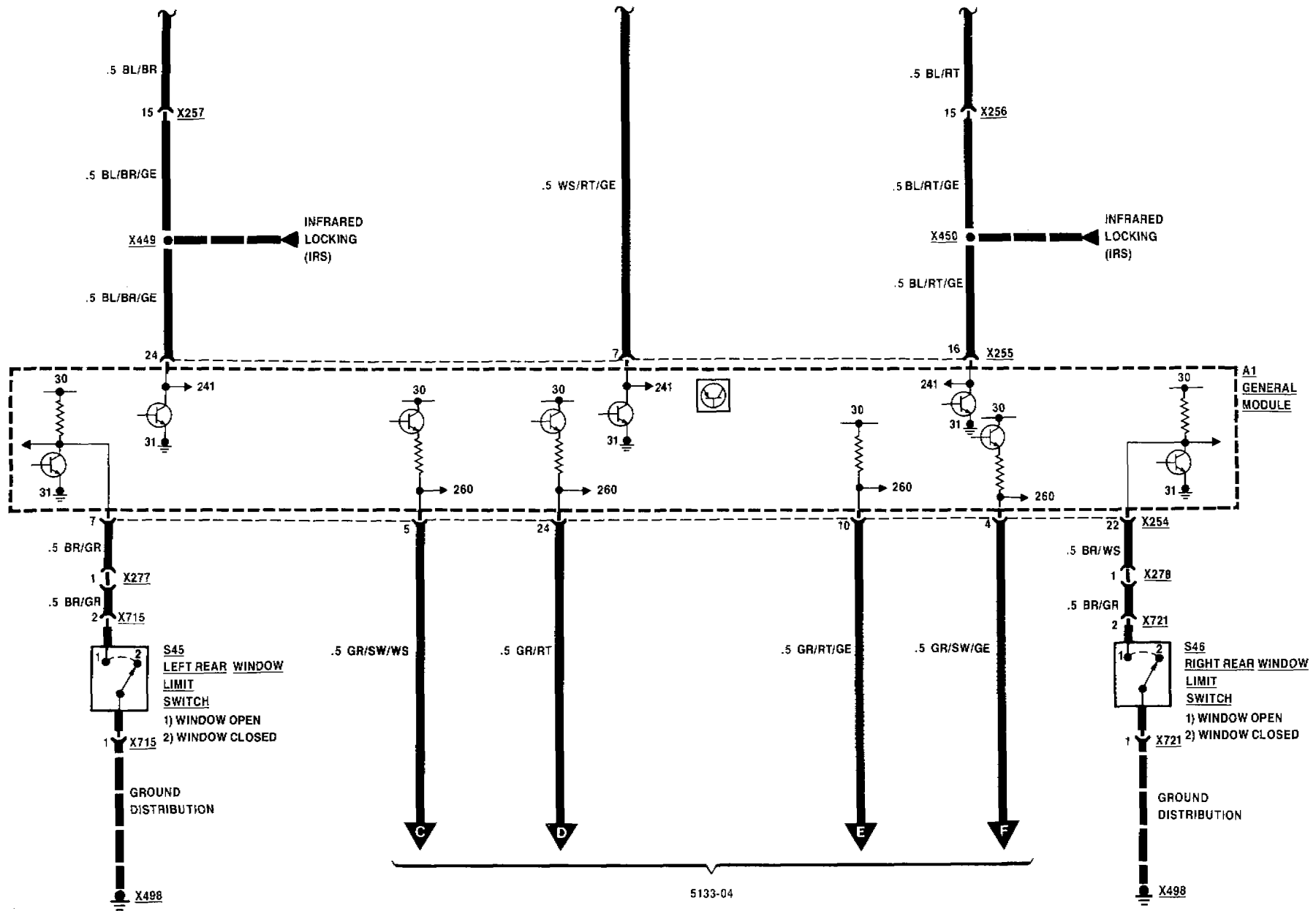
- A) DRIVER'S WINDOW SWITCH
- B) LEFT REAR WINDOW SWITCH
- C) RIGHT REAR WINDOW SWITCH
- D) PASSENGER'S WINDOW SWITCH

5133-04



POWER WINDOWS (ZKE) INPUT DETAILS



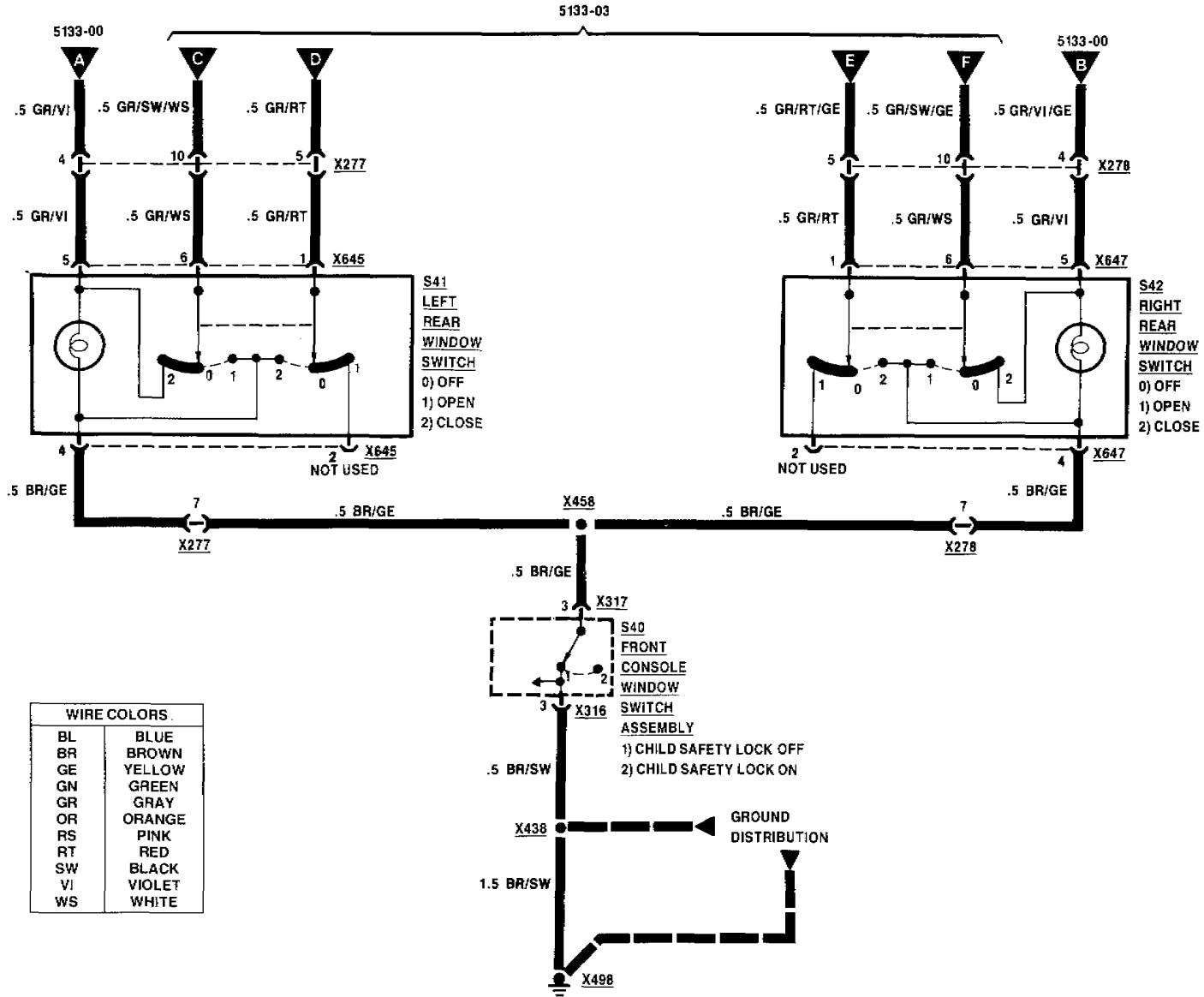


5133-04



POWER WINDOWS (ZKE)

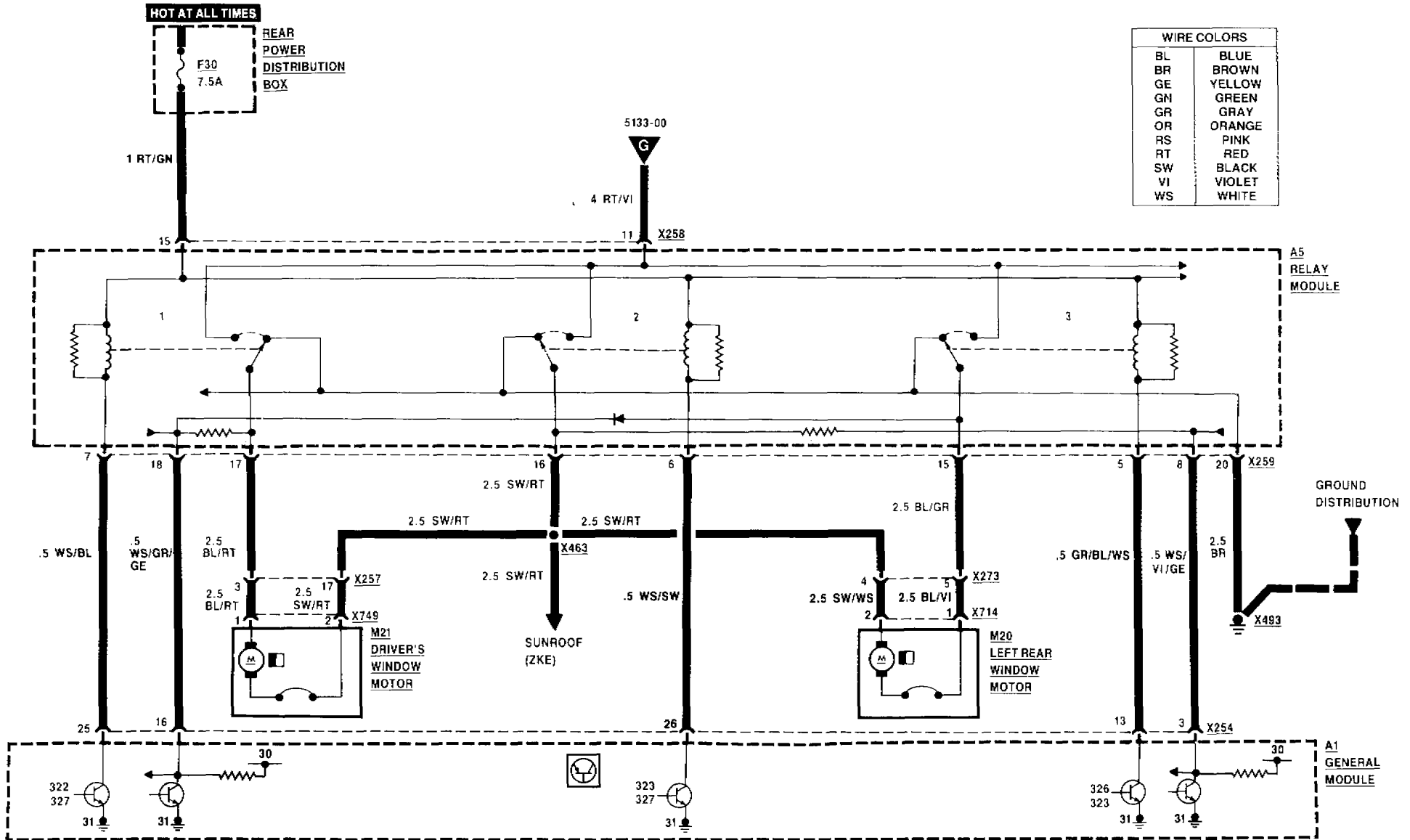
INPUT DETAILS





POWER WINDOWS (ZKE)

LEFT SIDE OUTPUT DETAILS

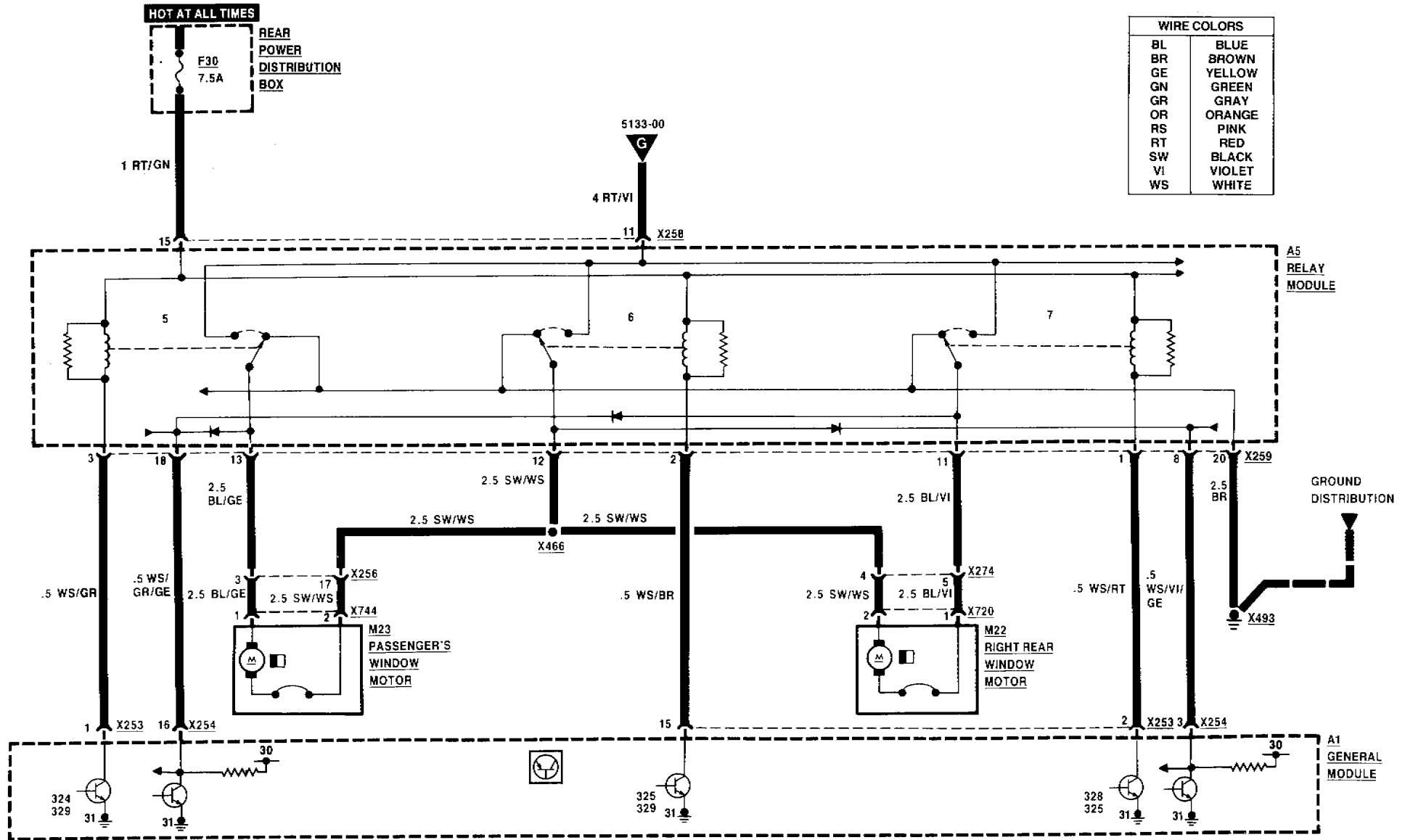


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



POWER WINDOWS (ZKE)

RIGHT SIDE OUTPUT DETAILS



10/90

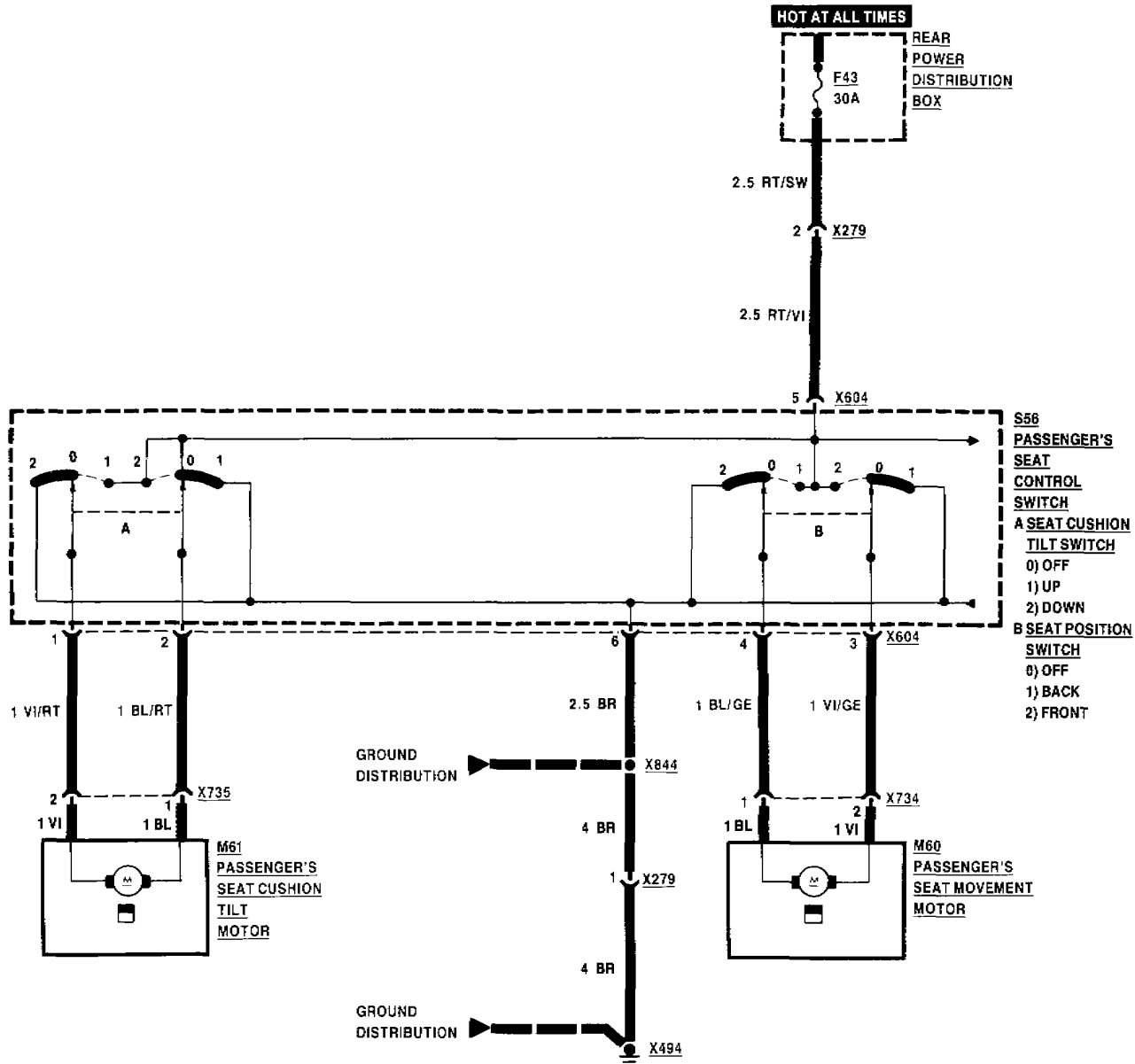
5133-06

1991



POWER SEATS

PASSENGER'S SEAT

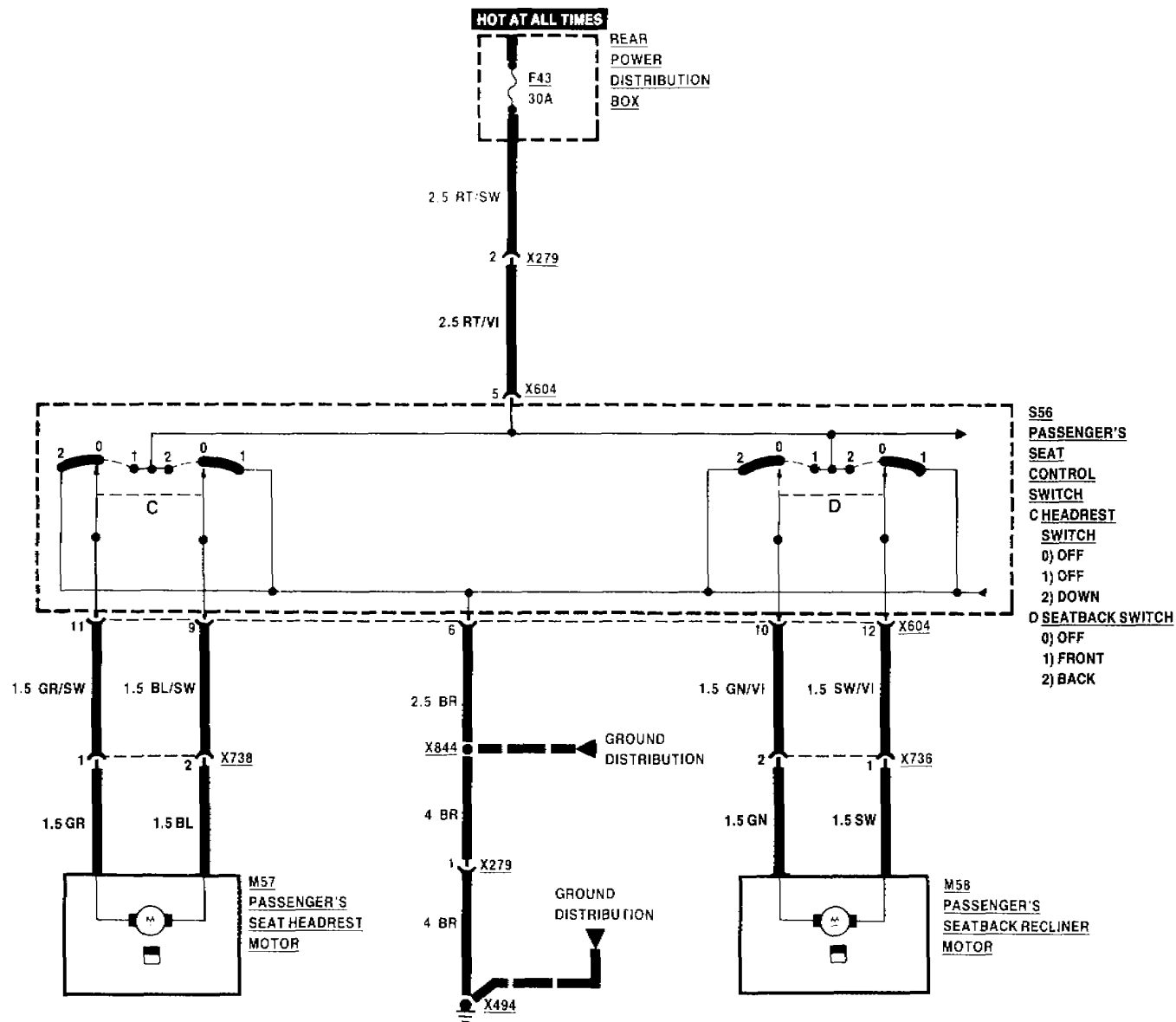


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



POWER SEATS

PASSENGER'S SEAT

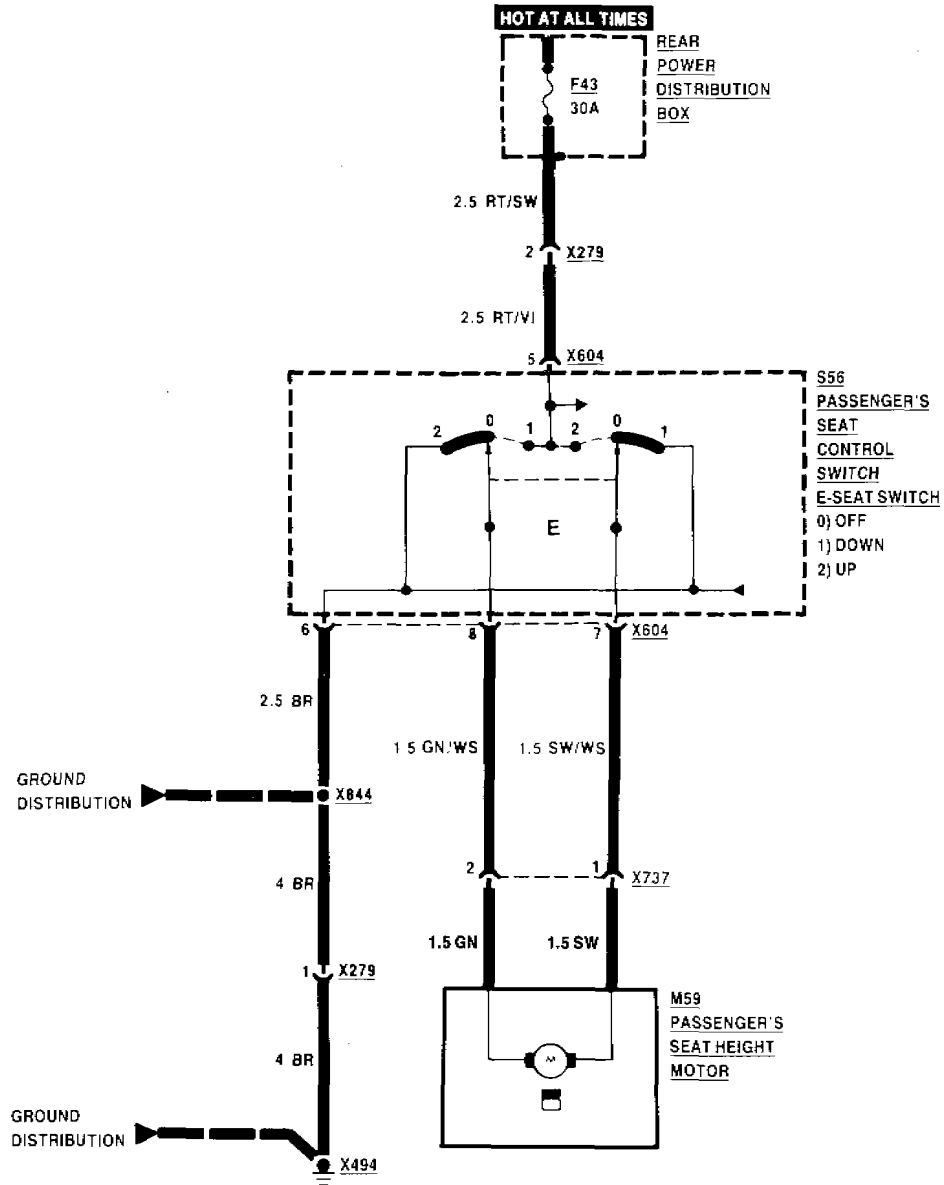


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



POWER SEATS

PASSENGER'S SEAT

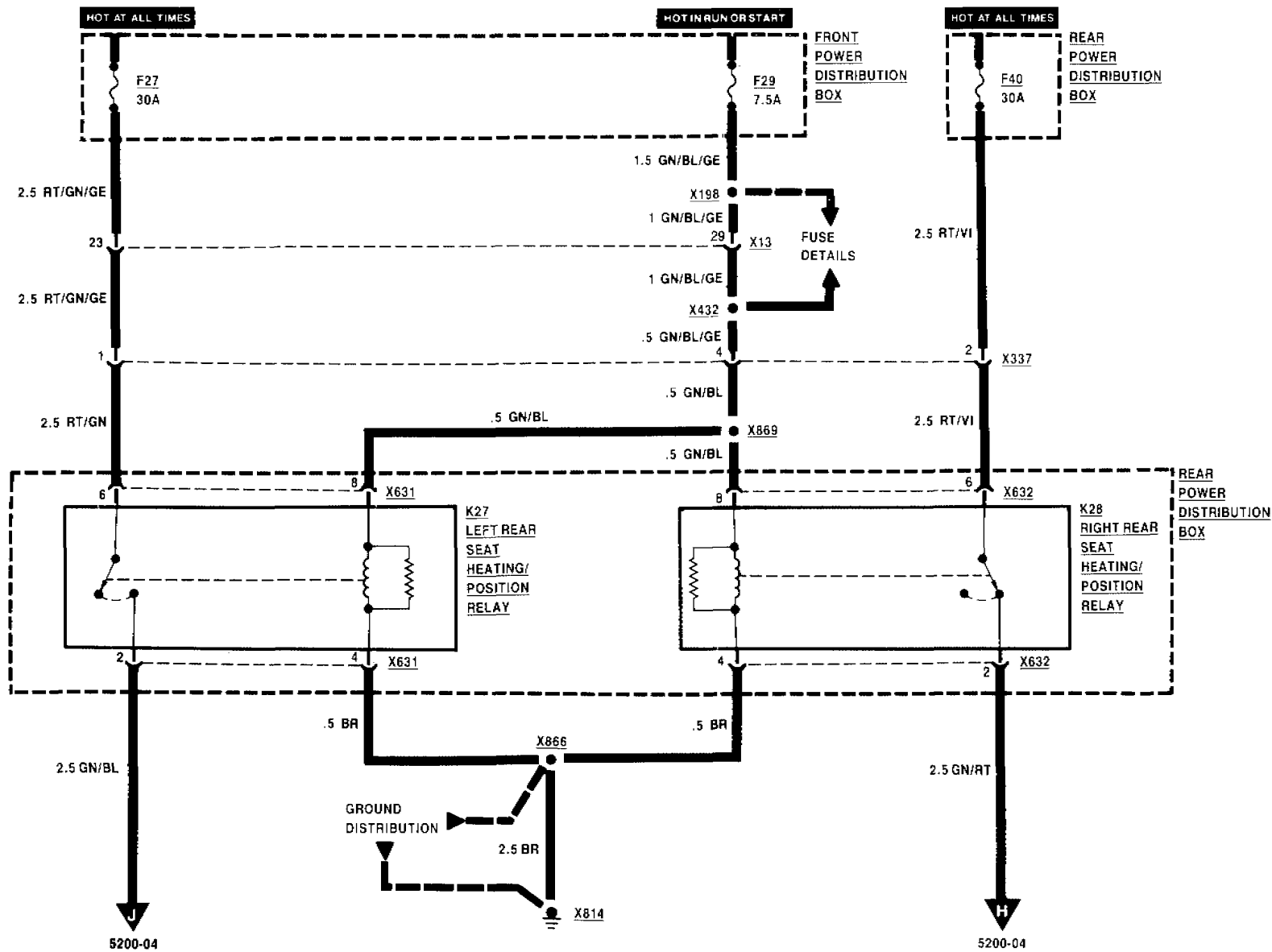


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



POWER SEATS

REAR SEATS



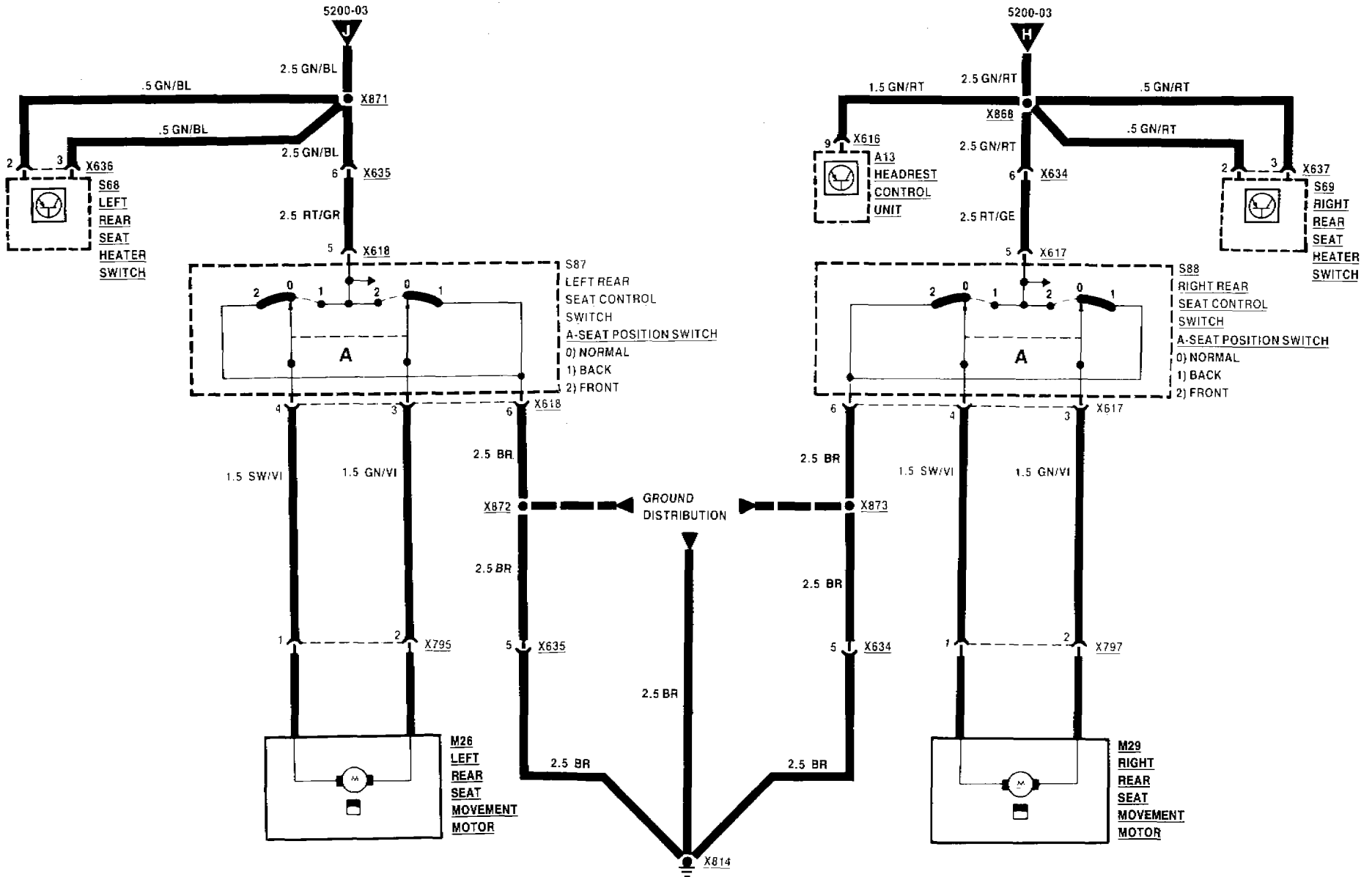
03/92

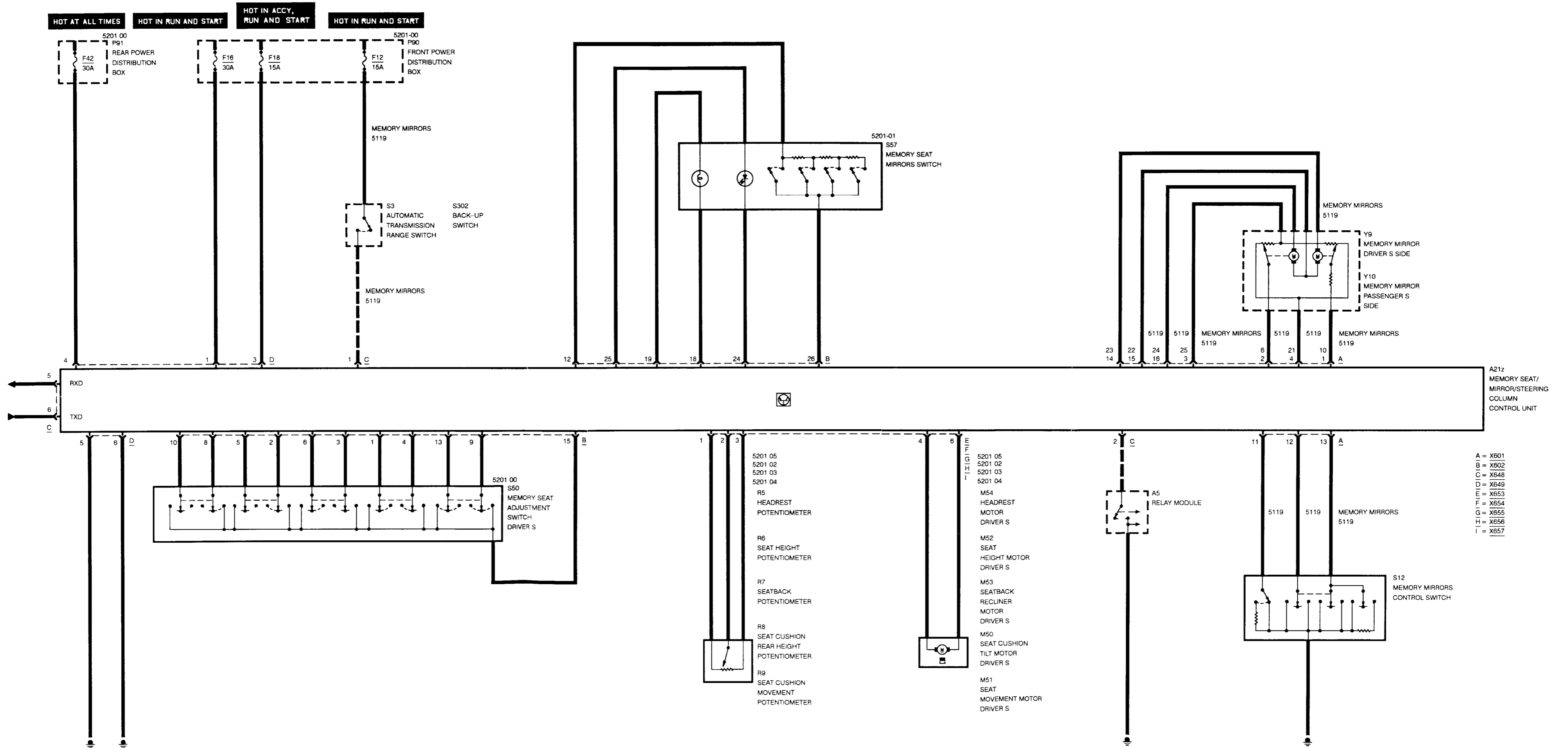
5200-03

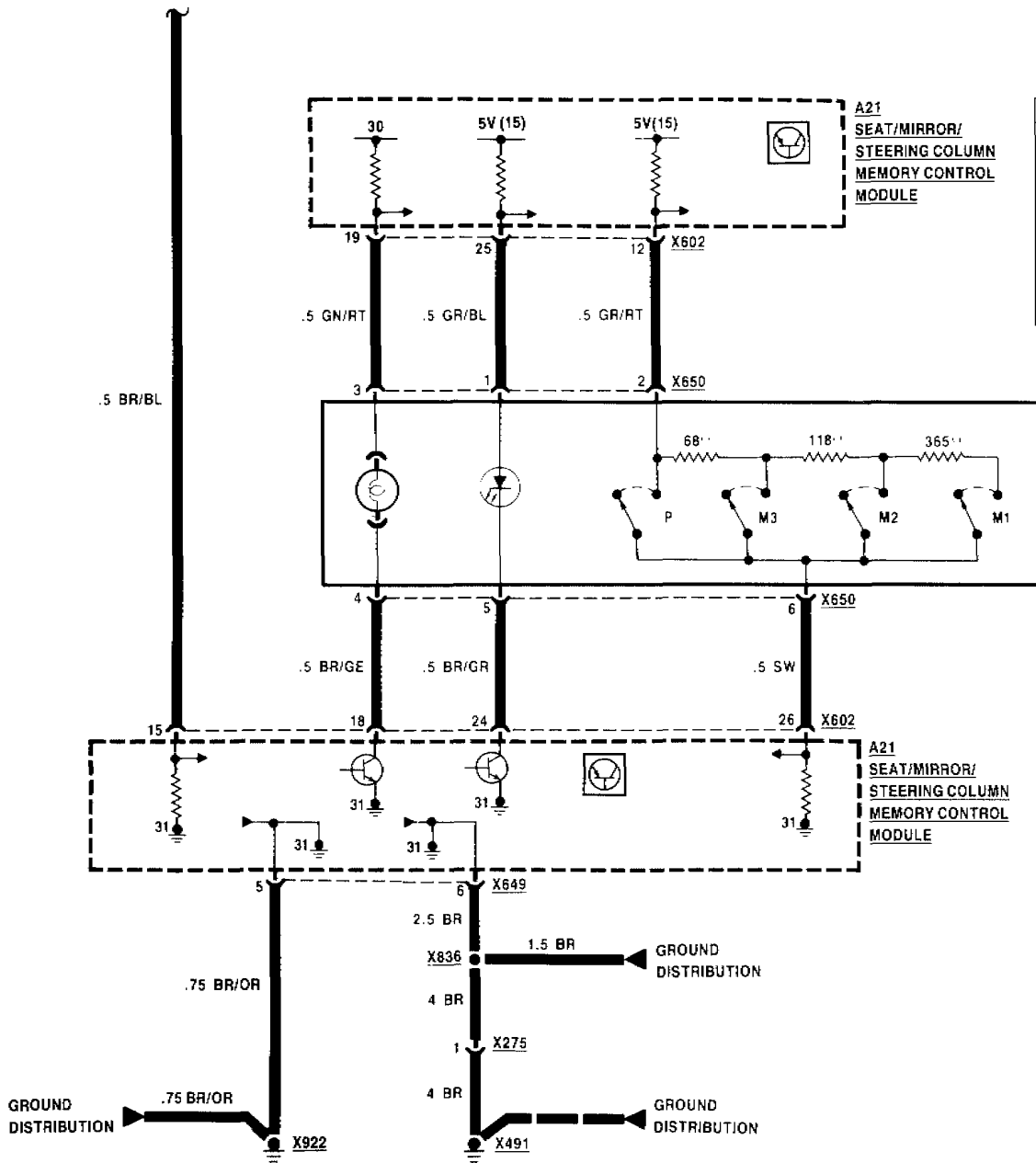
1991



POWER SEATS REAR SEATS



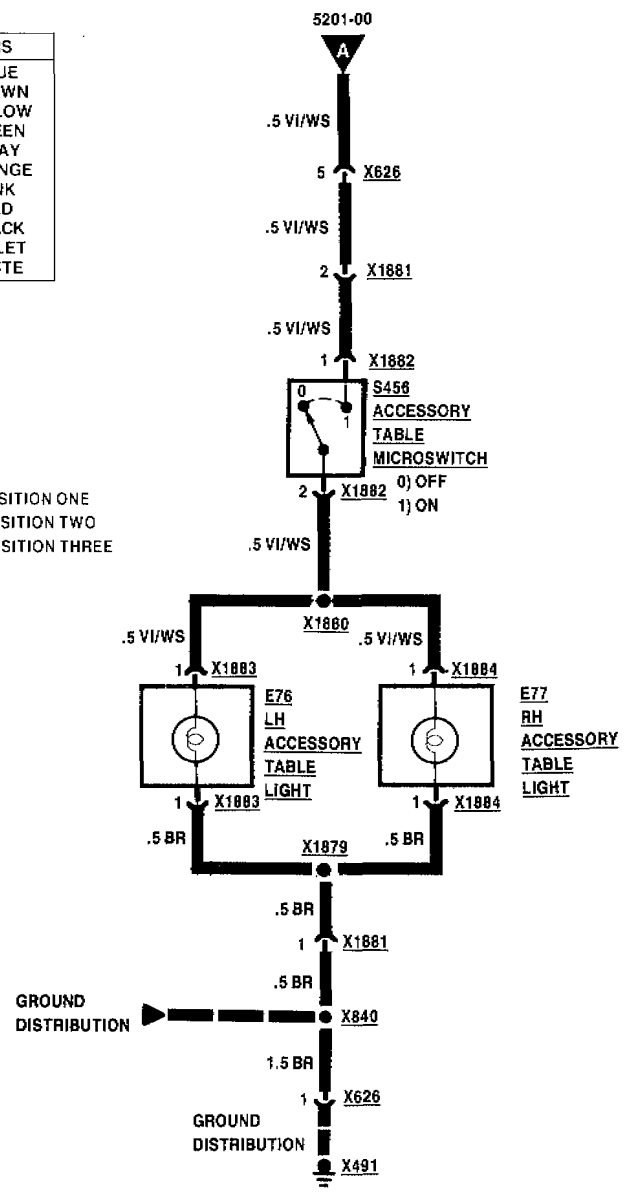




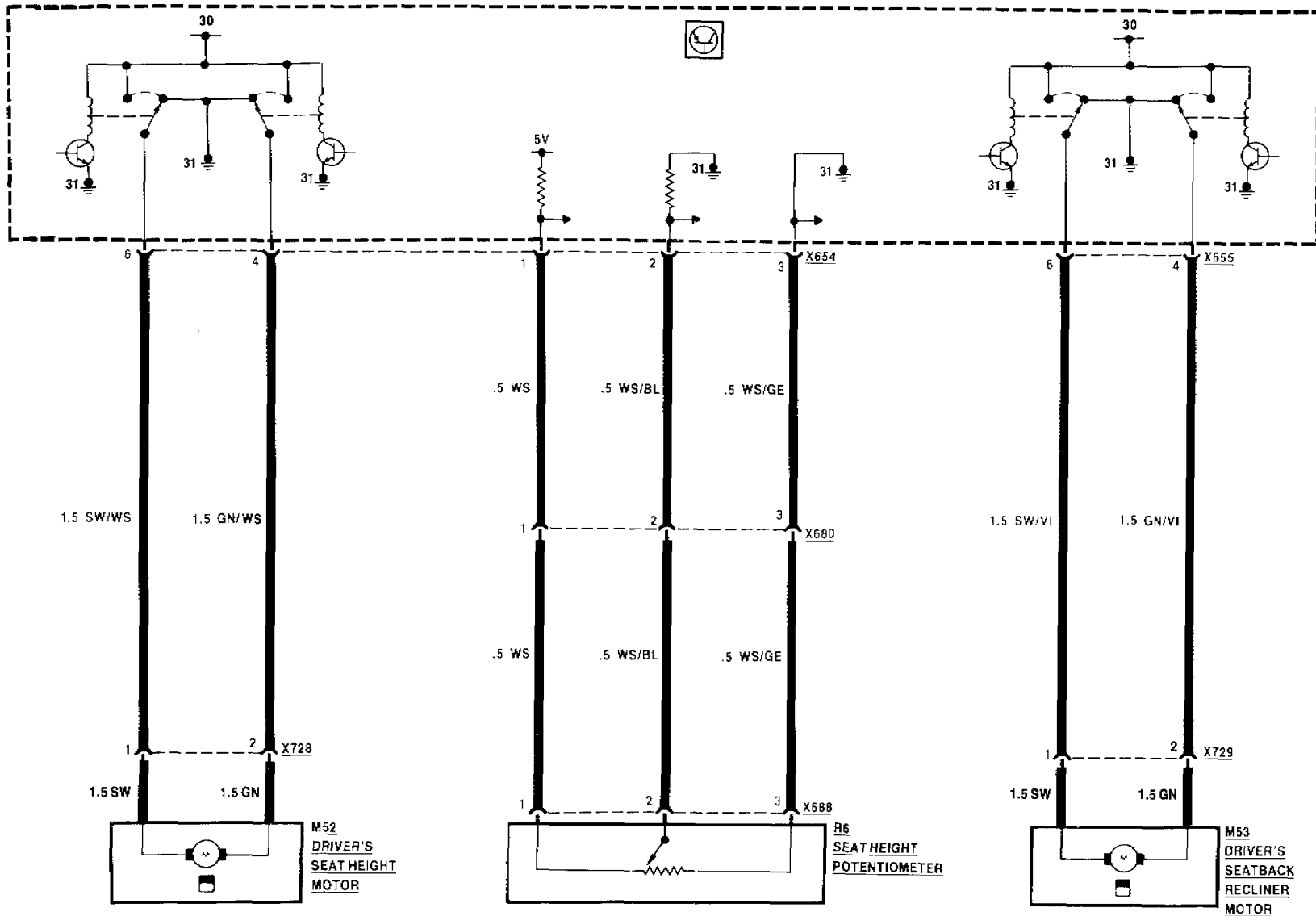
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

S57
MEMORY
SEAT/MIRRORS
SWITCH

P) PROGRAM
M1) MEMORY POSITION ONE
M2) MEMORY POSITION TWO
M3) MEMORY POSITION THREE



BMW
7 **MEMORY SEAT**



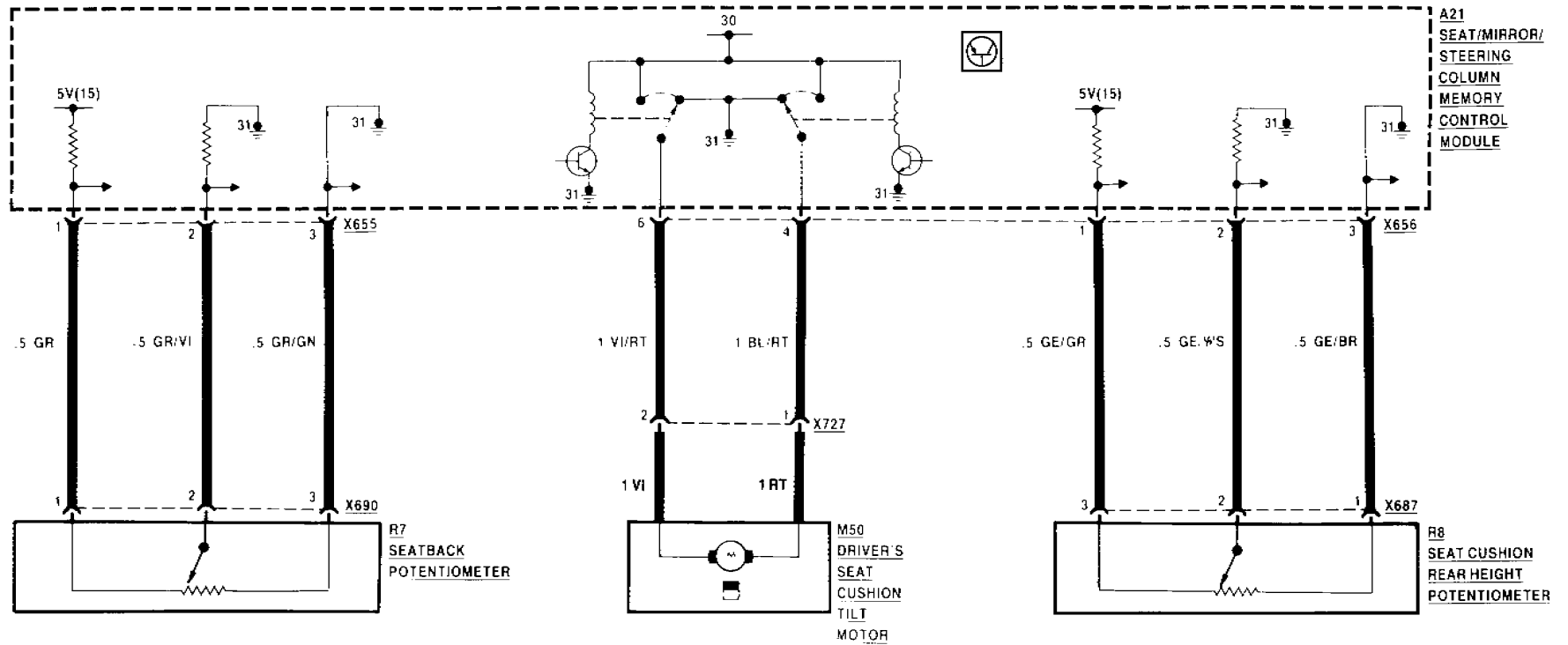
A21
SEAT/MIRROR/
STEERING COLUMN
MEMORY CONTROL
MODULE

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



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 |



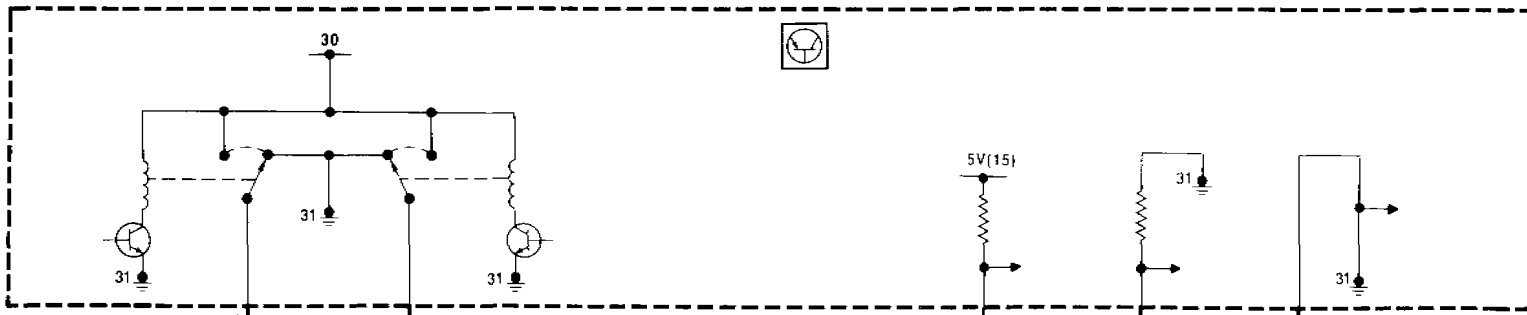


MEMORY SEAT

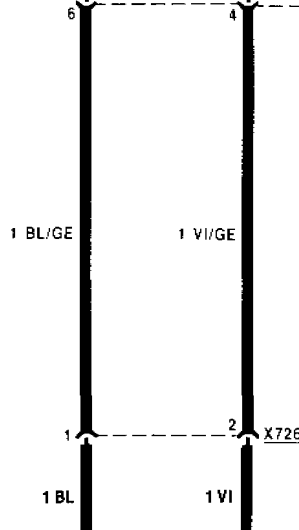
03/92

5201-04

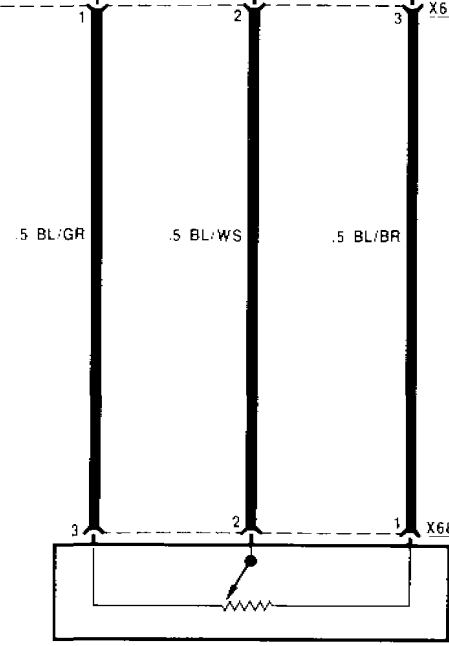
1991



A21
SEAT/MIRROR/
STEERING COLUMN
MEMORY CONTROL
MODULE



M51
DRIVER'S
SEAT MOVEMENT
MOTOR

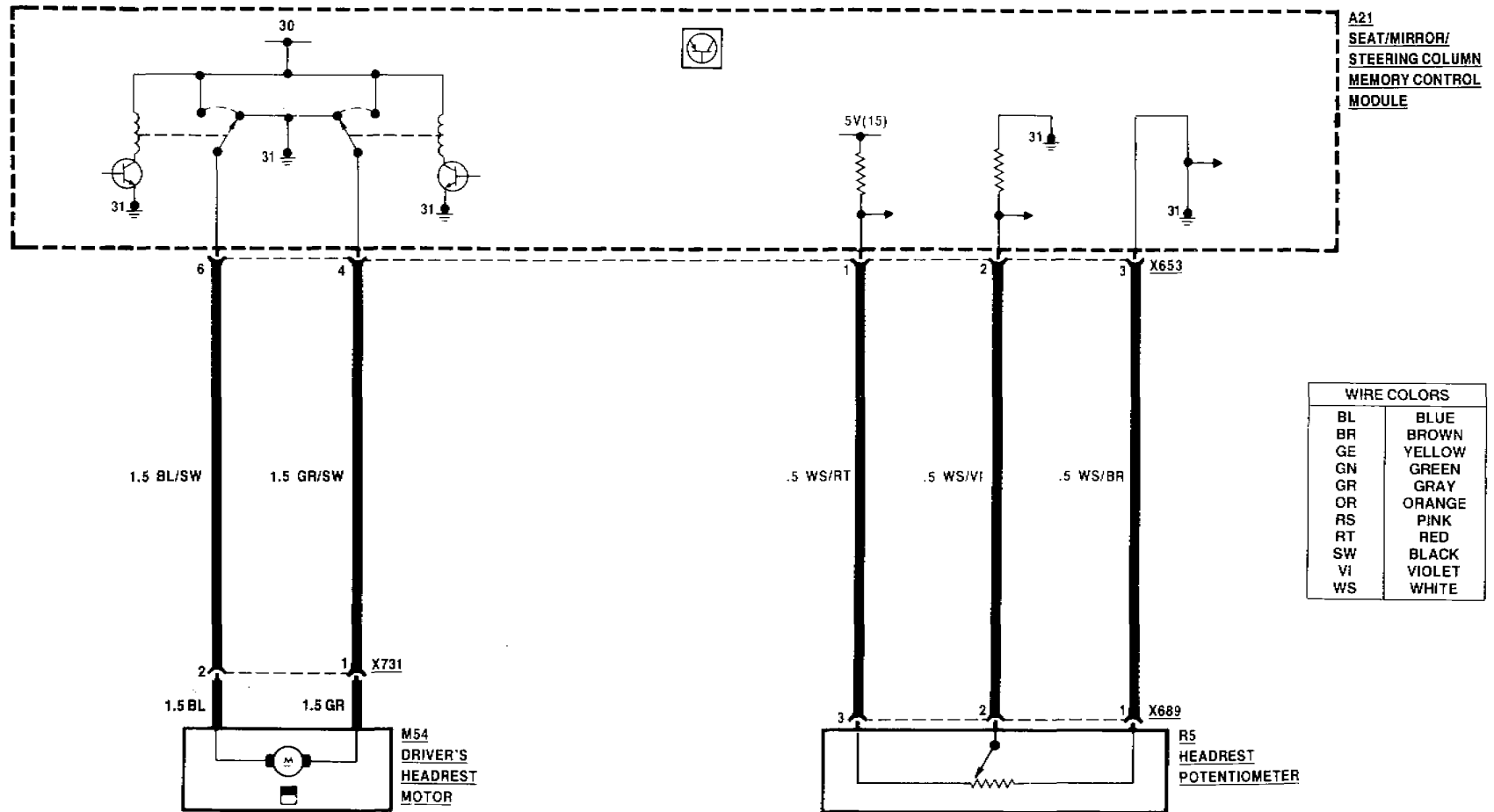


R9
SEAT CUSHION
MOVEMENT
POTENTIOMETER

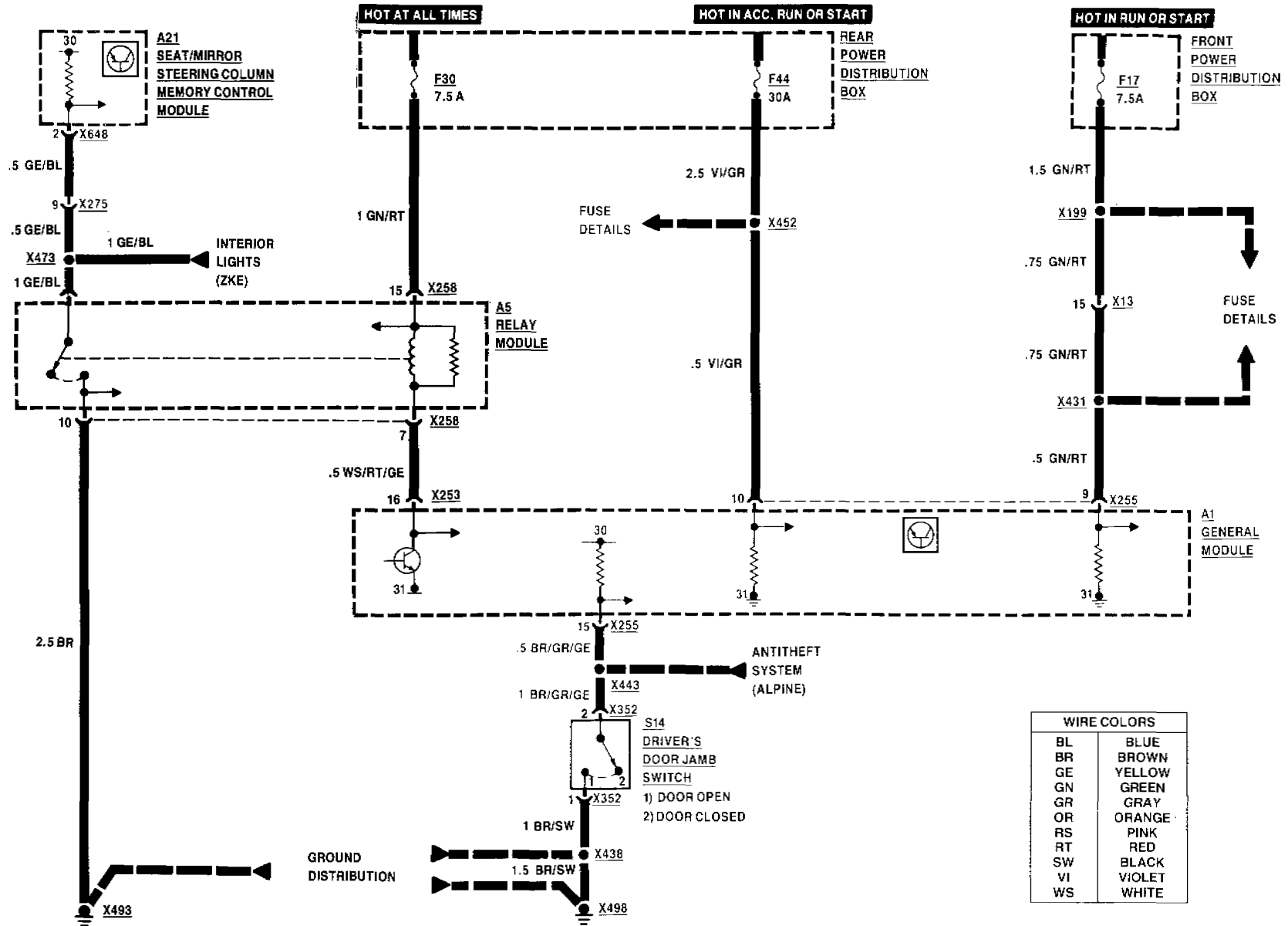
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



MEMORY SEAT



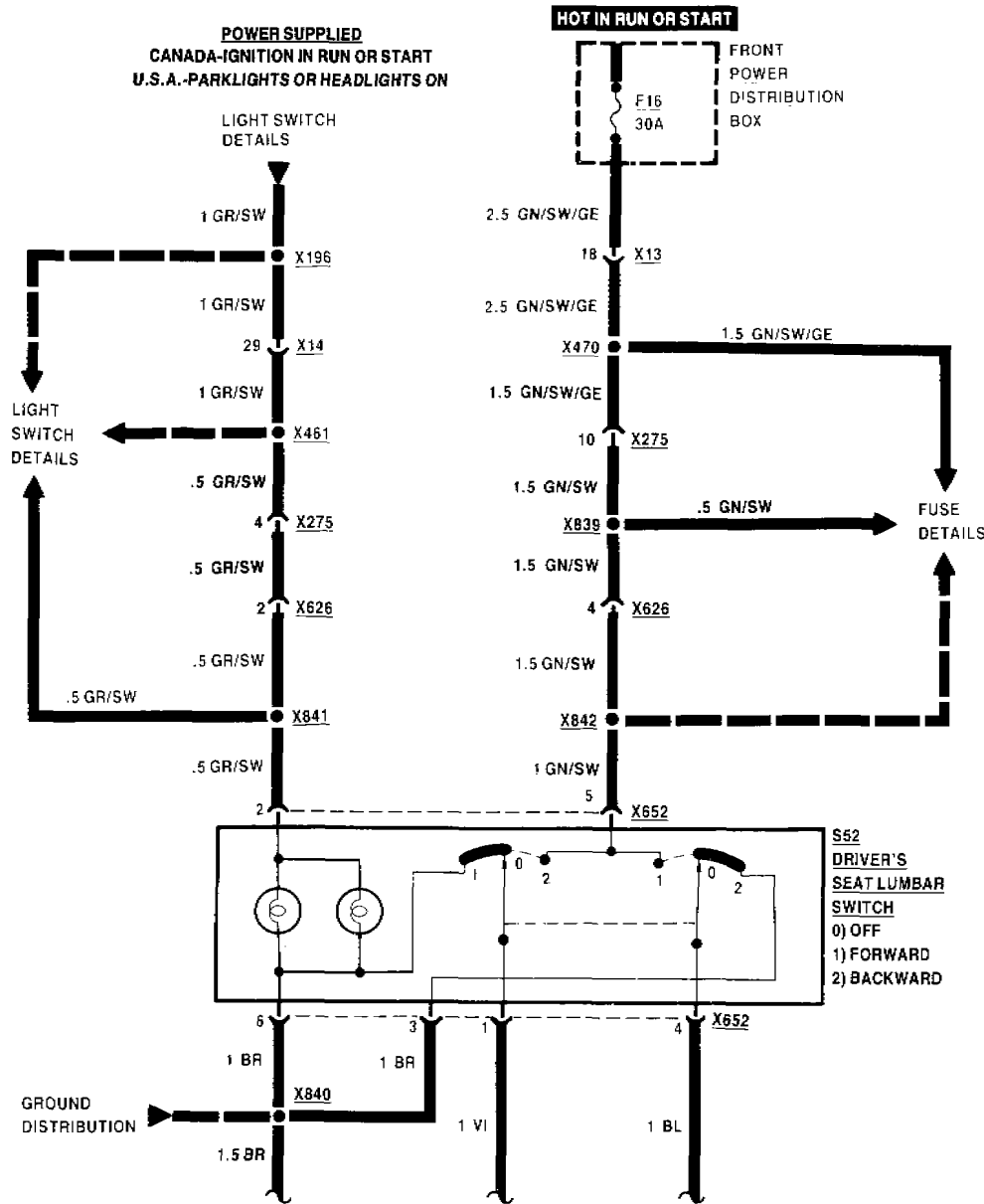
MEMORY SEAT



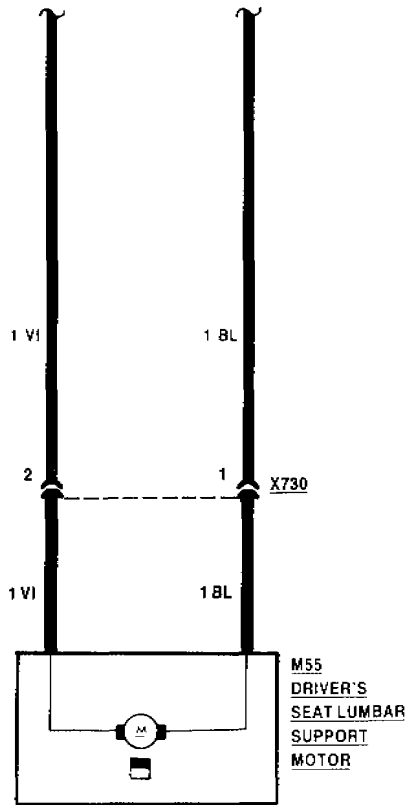
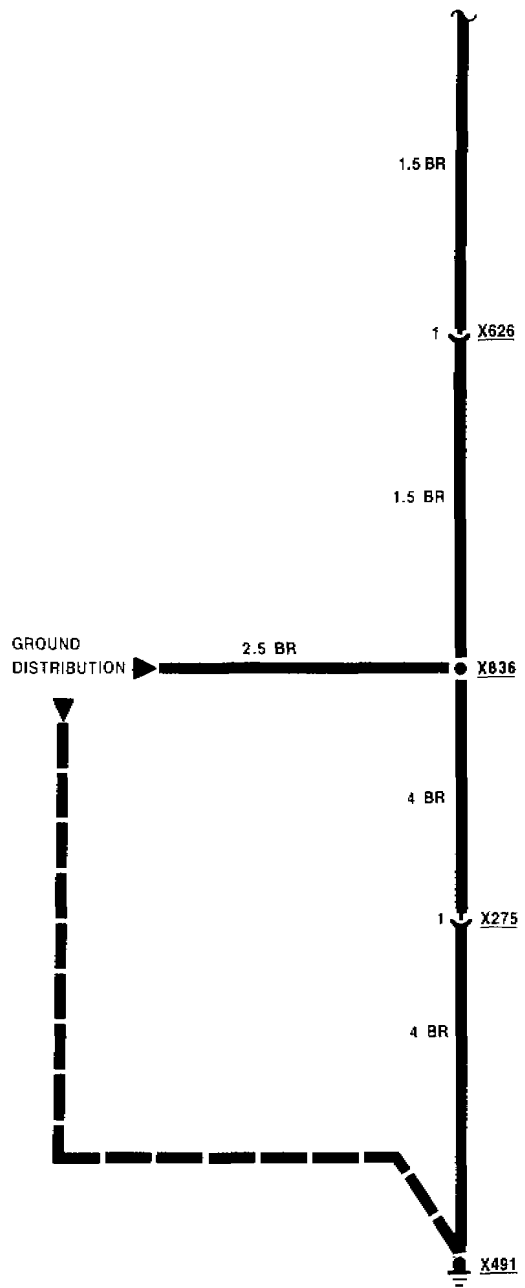


LUMBAR SUPPORT

DRIVER'S SEAT WITH MEMORY



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



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



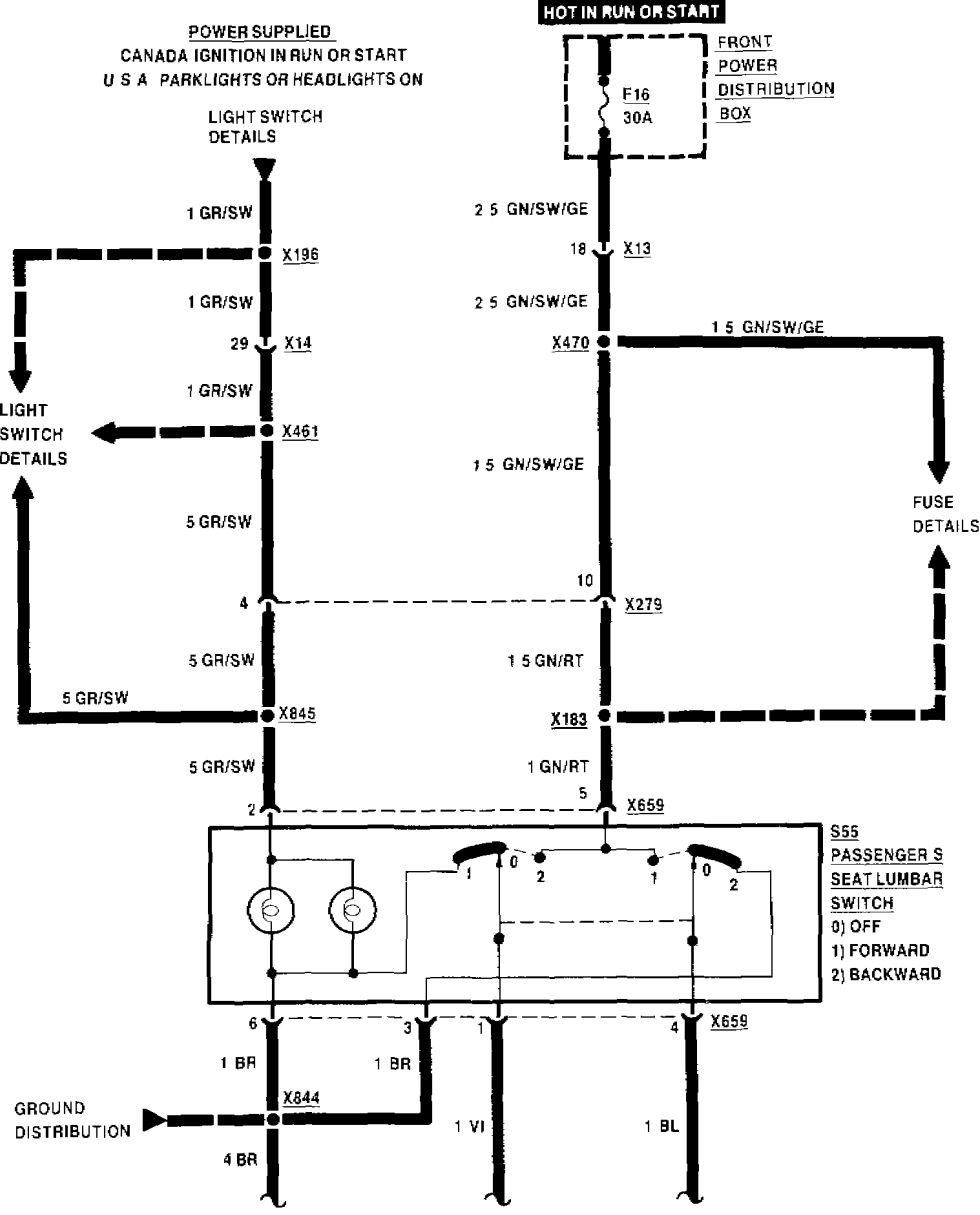
LUMBAR SUPPORT PASSENGER'S SEAT

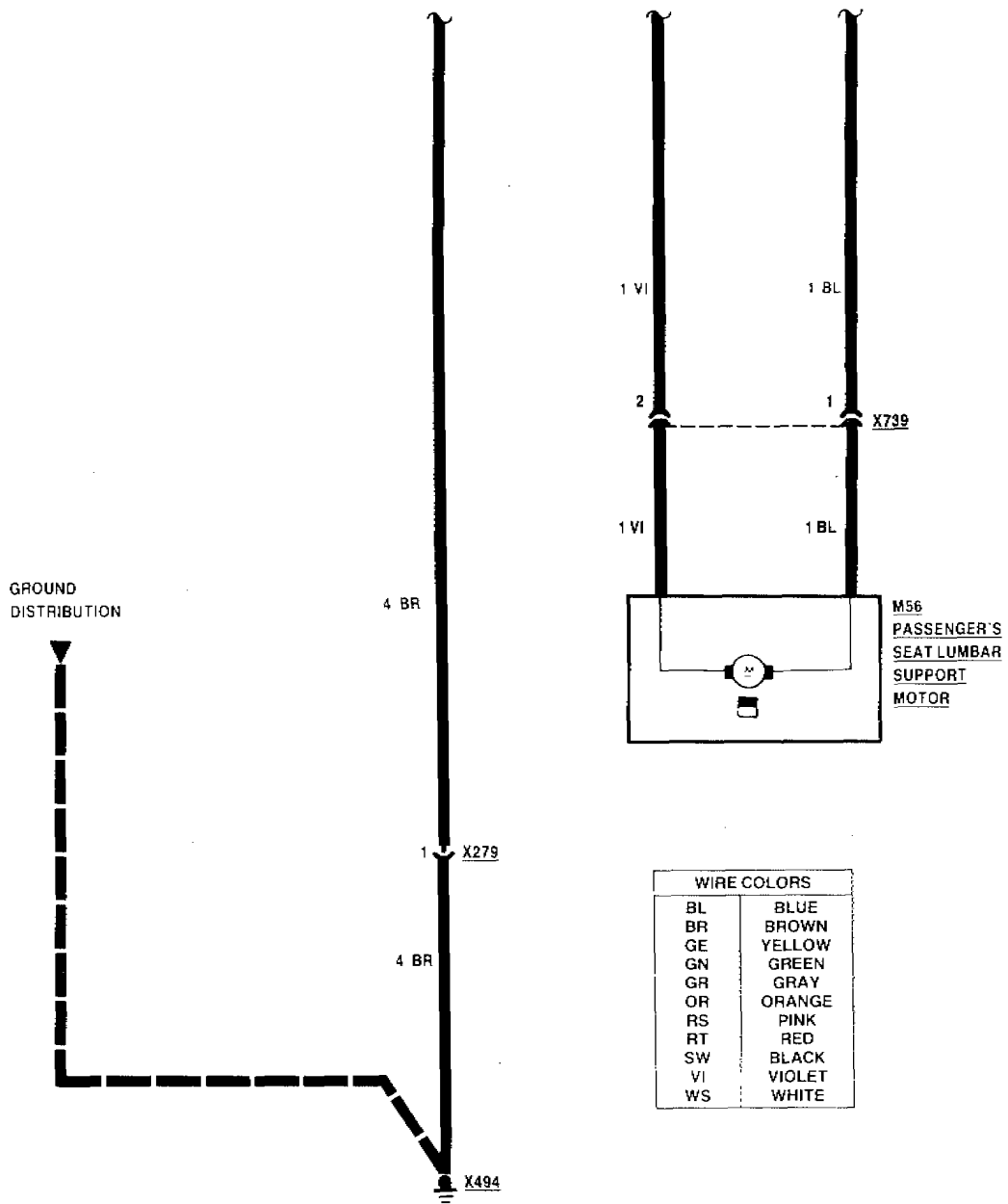
750iL

03/92

5202-02

1991

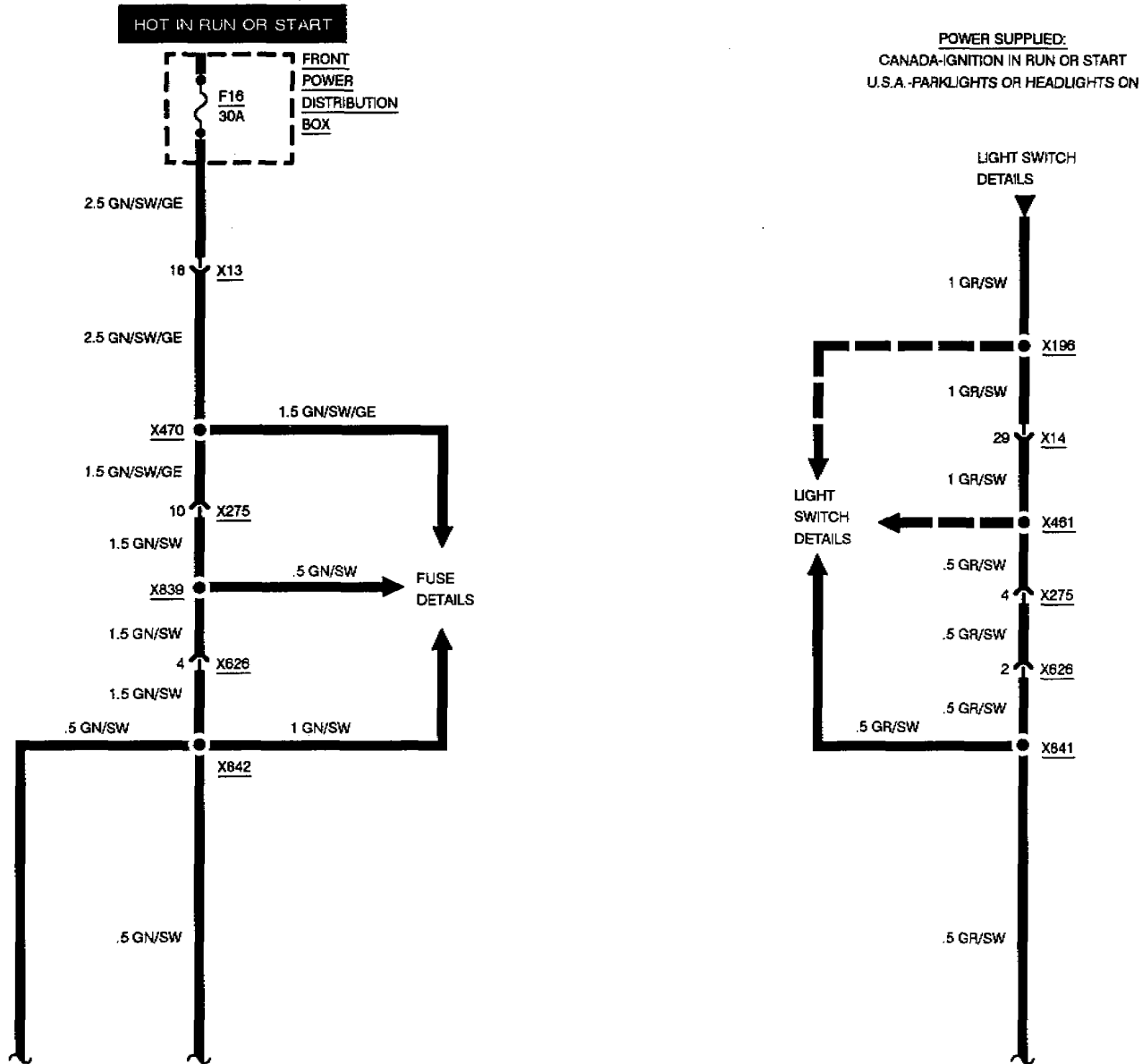


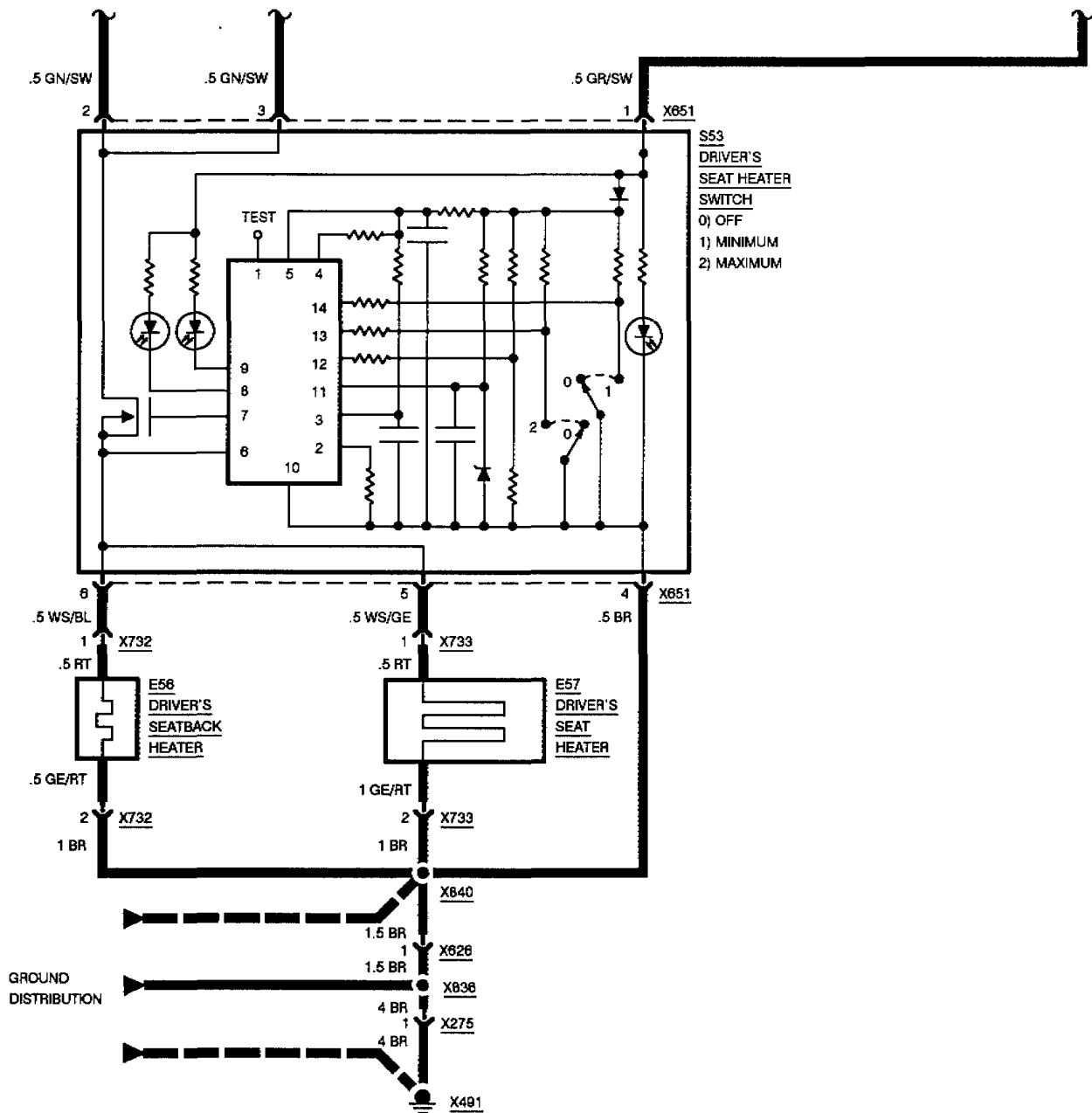




HEATED SEATS

DRIVER'S SEAT WITH MEMORY





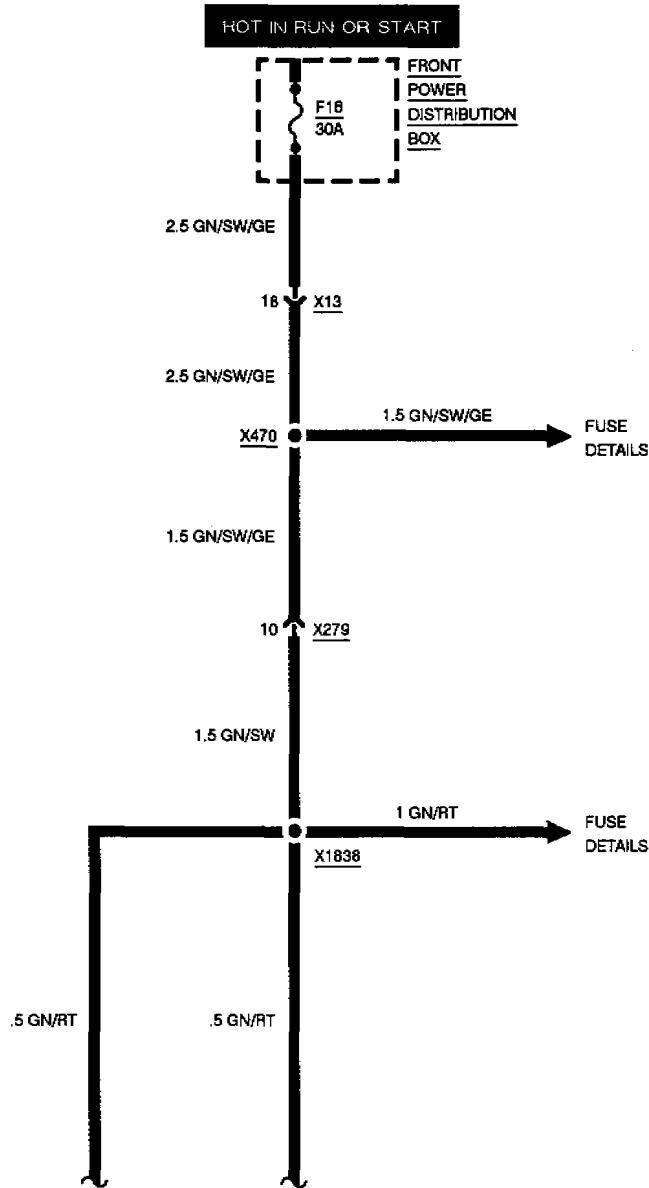
S53
 DRIVER'S
 SEAT HEATER
 SWITCH
 0) OFF
 1) MINIMUM
 2) MAXIMUM

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

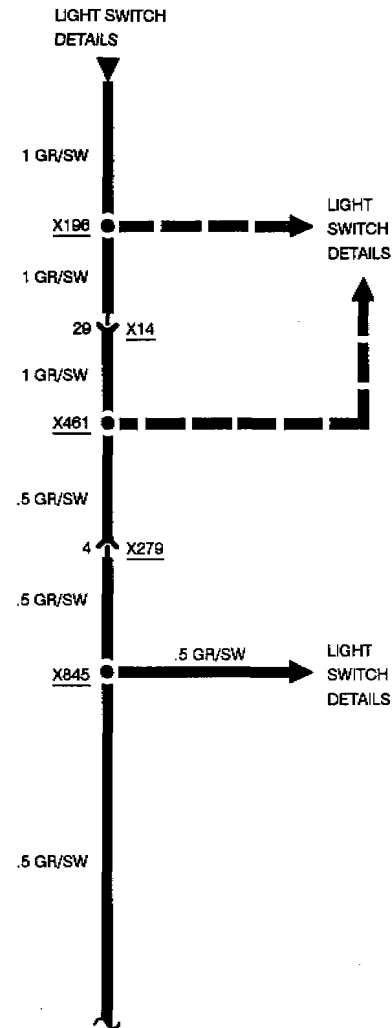


HEATED SEATS

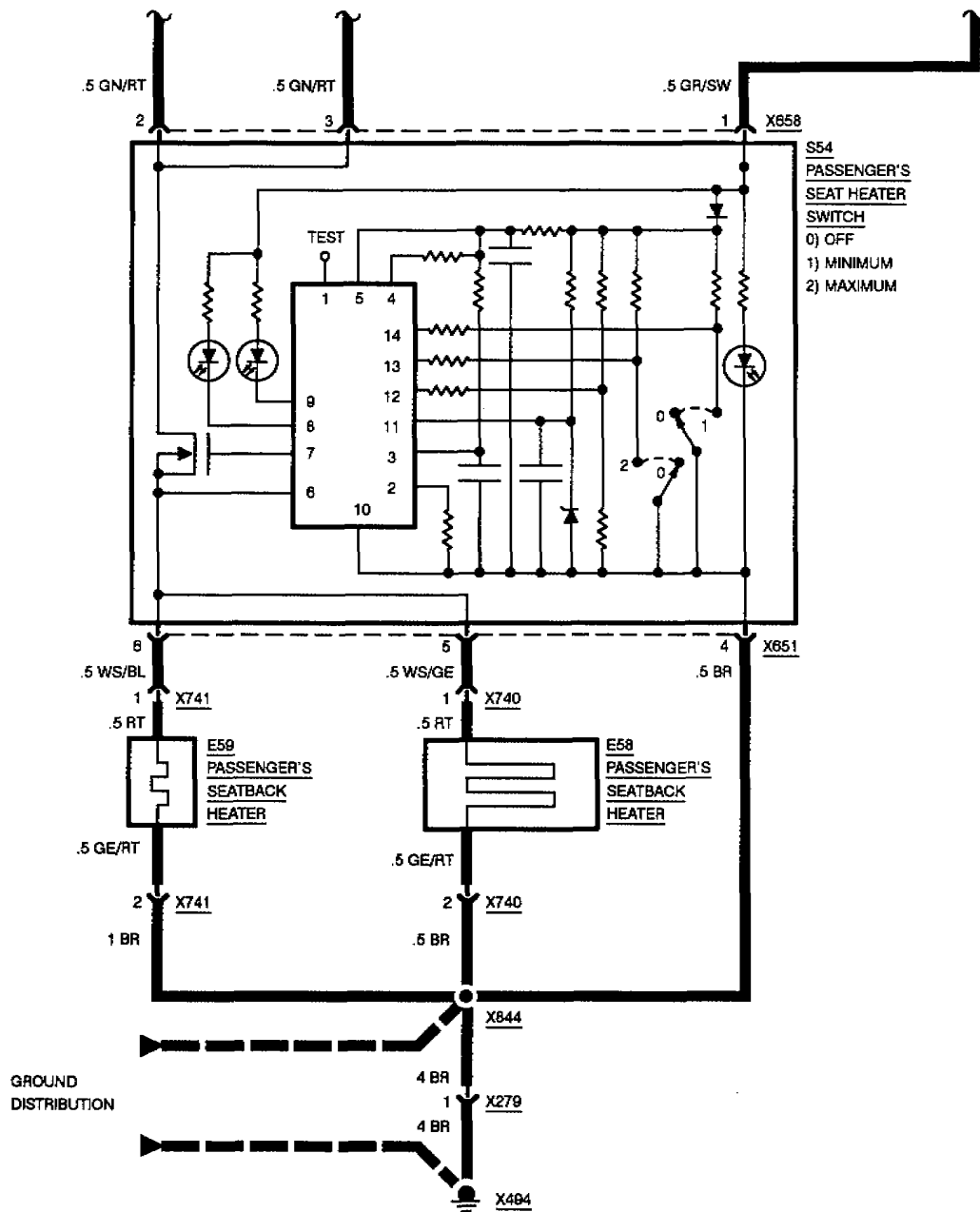
PASSENGER'S SEAT



POWER SUPPLIED:
CANADA-IGNITION IN RUN OR START
U.S.A.-PARKLIGHTS OR HEADLIGHTS ON



| 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 |



HEATED SEATS

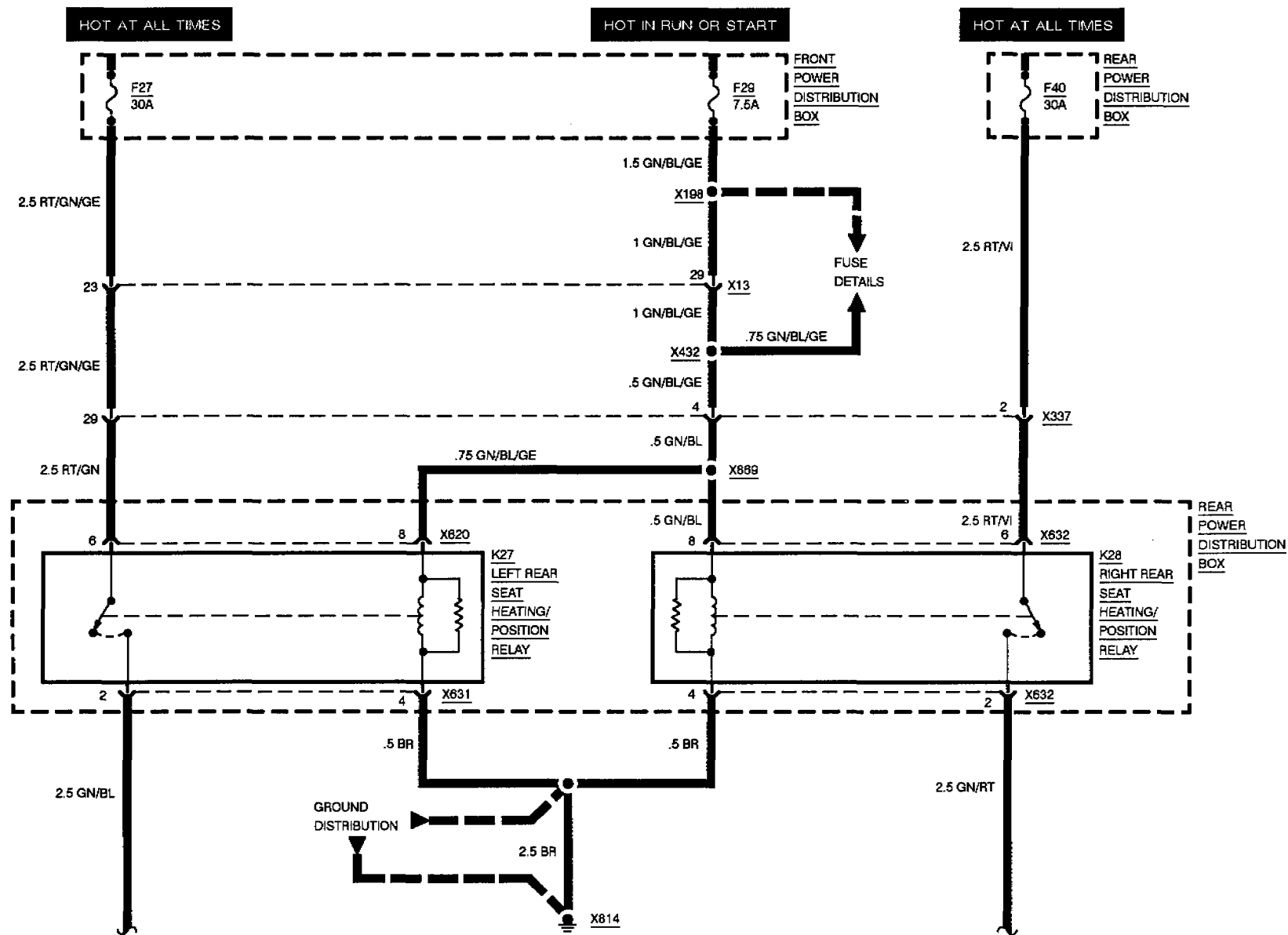
REAR - WITH POWER REAR SEATS

735iL, 750iL

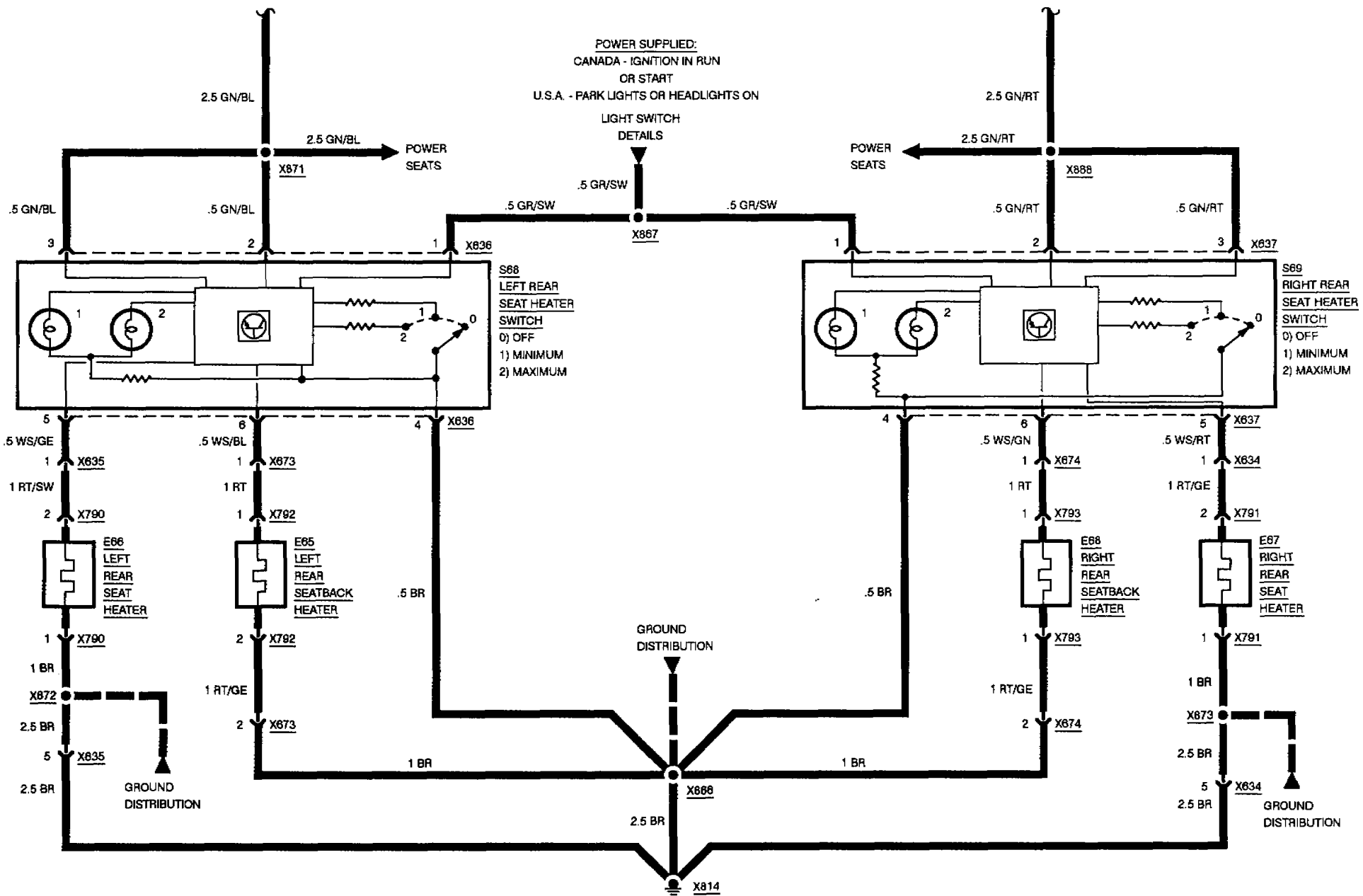
03/92

5203-04

1991



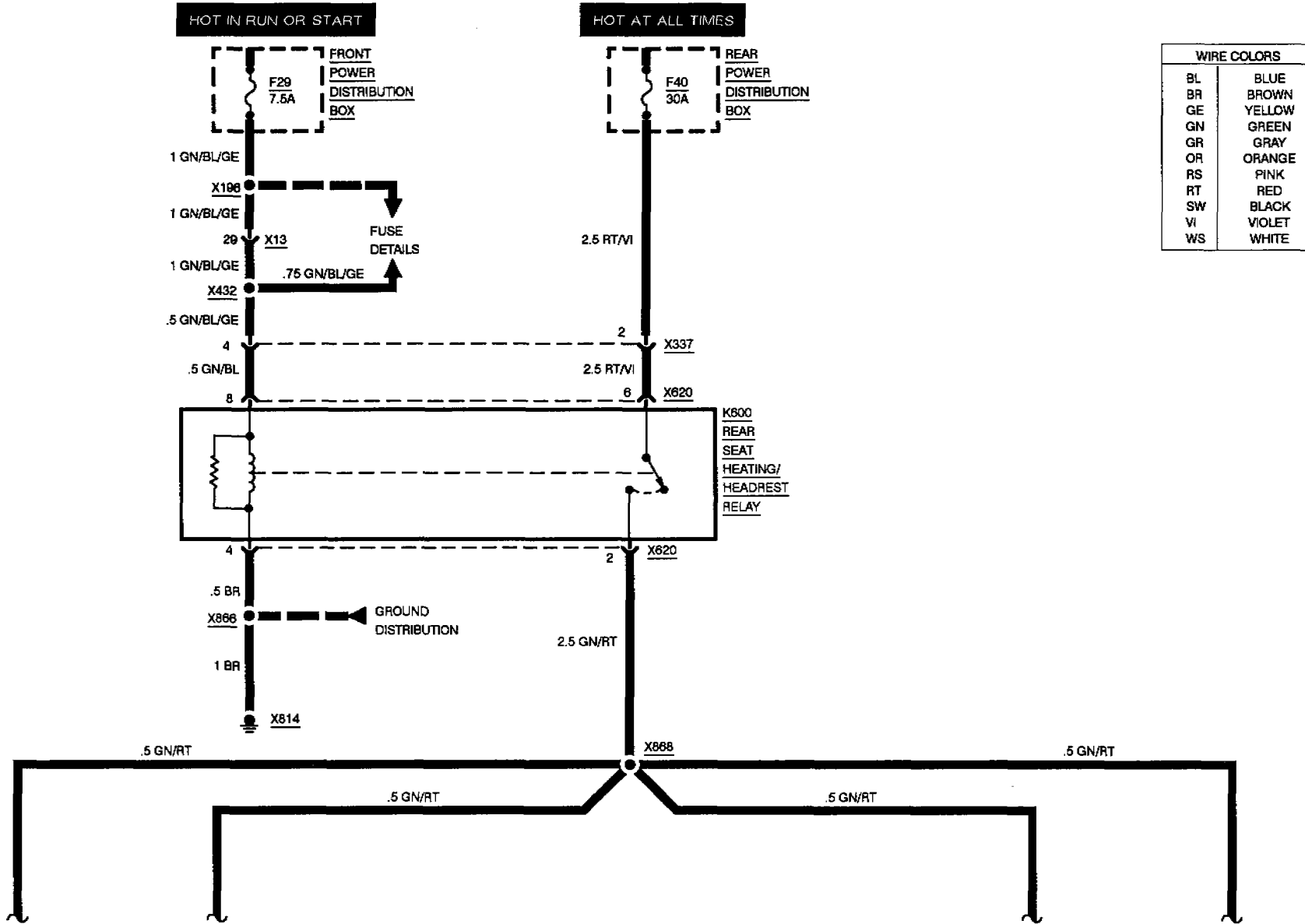
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

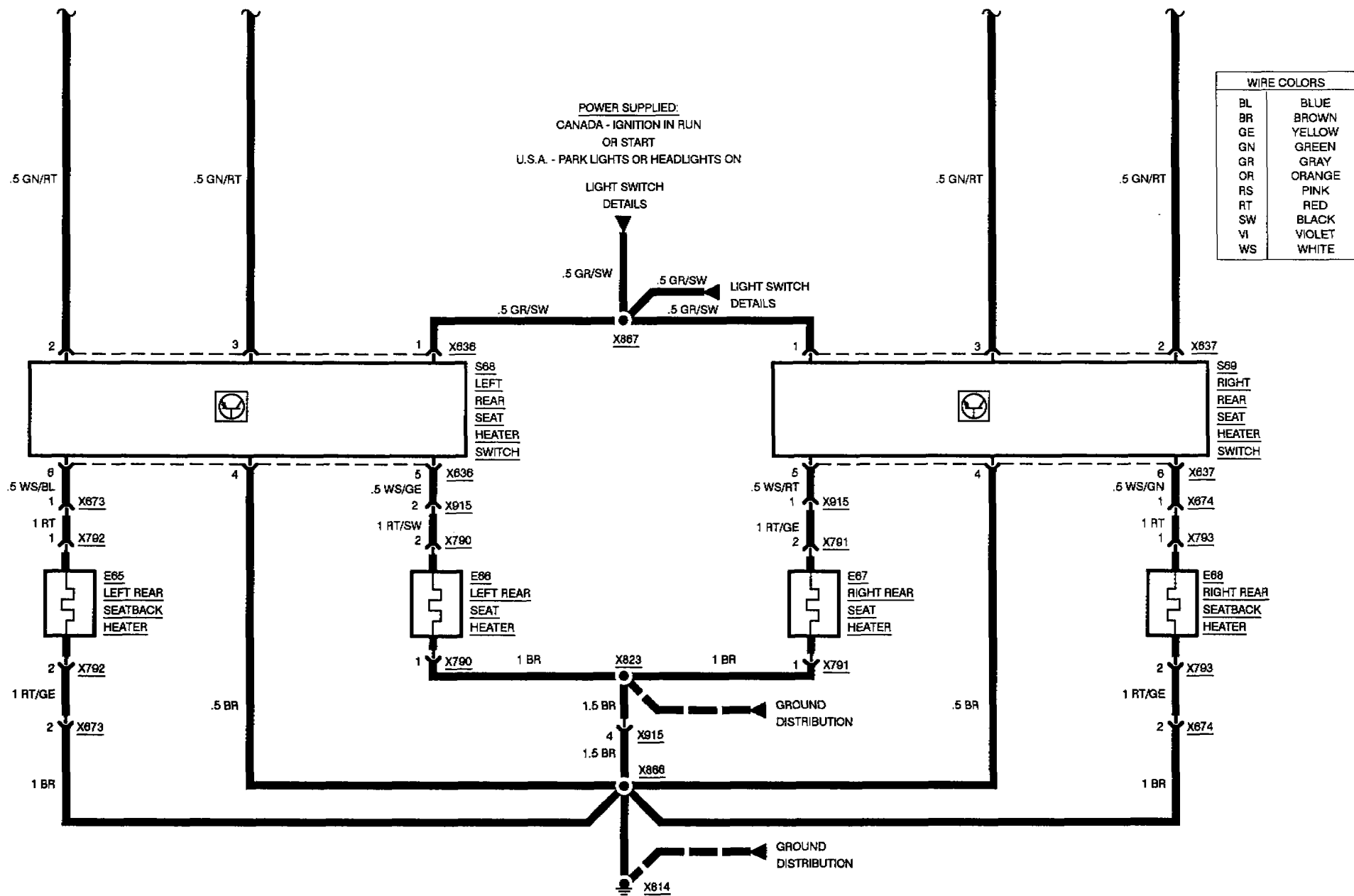




HEATED SEATS

REAR SEATS - WITH POWER HEADREST, WITHOUT POWER SEAT

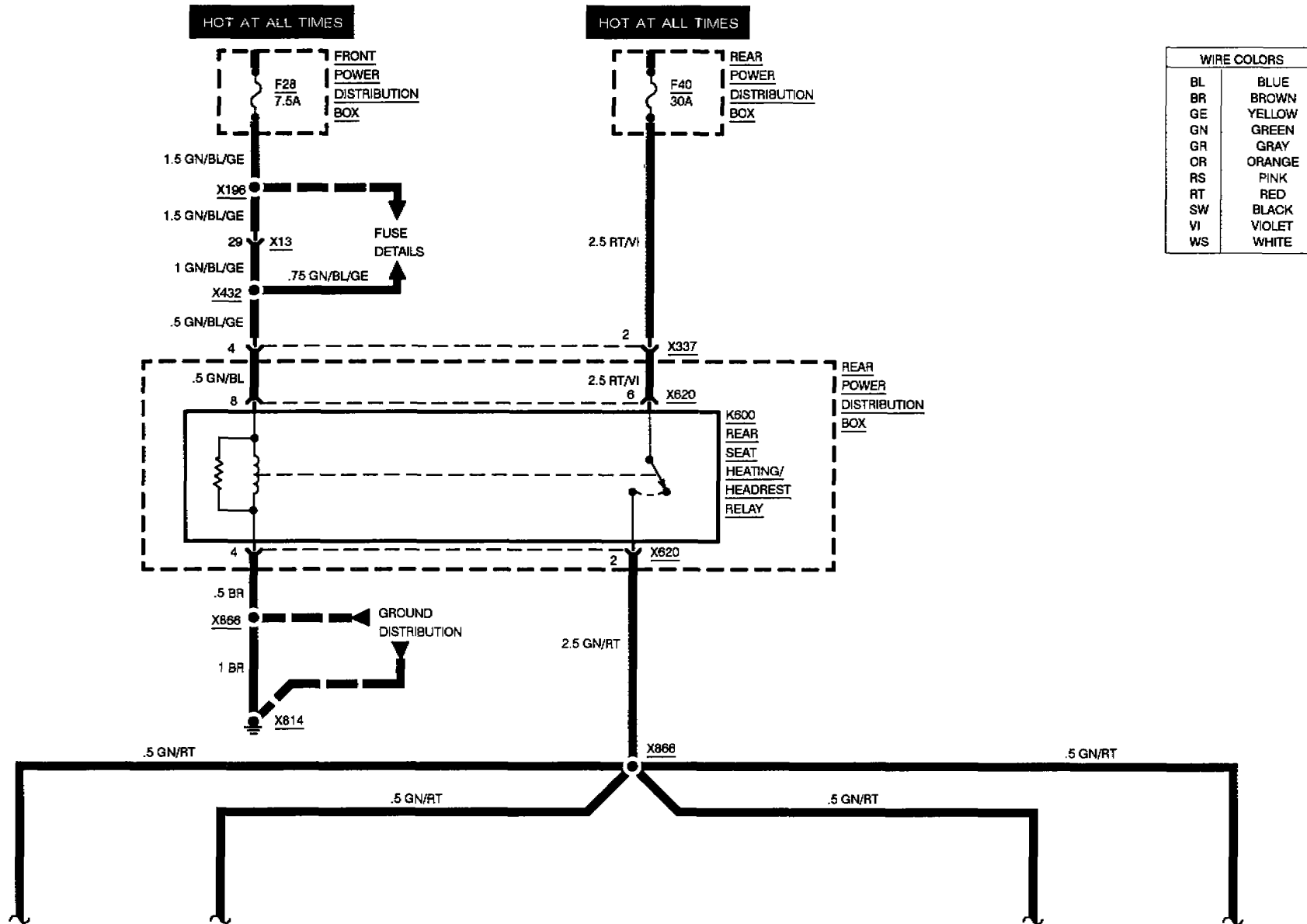






HEATED SEATS

REAR - HEATED SEATS ONLY - WITHOUT POWER SEAT, WITHOUT POWER HEADREST



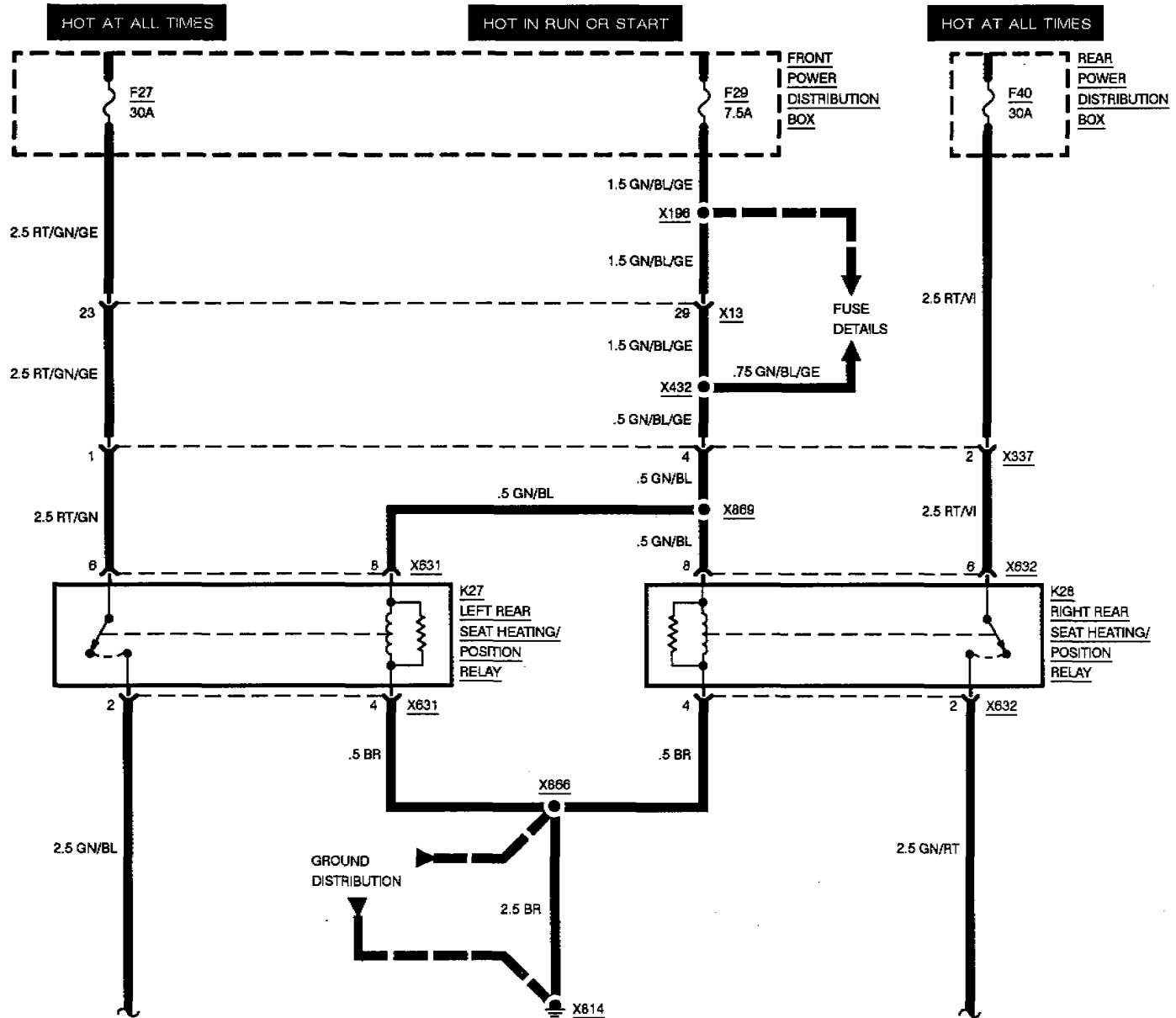
03/92

5203-08

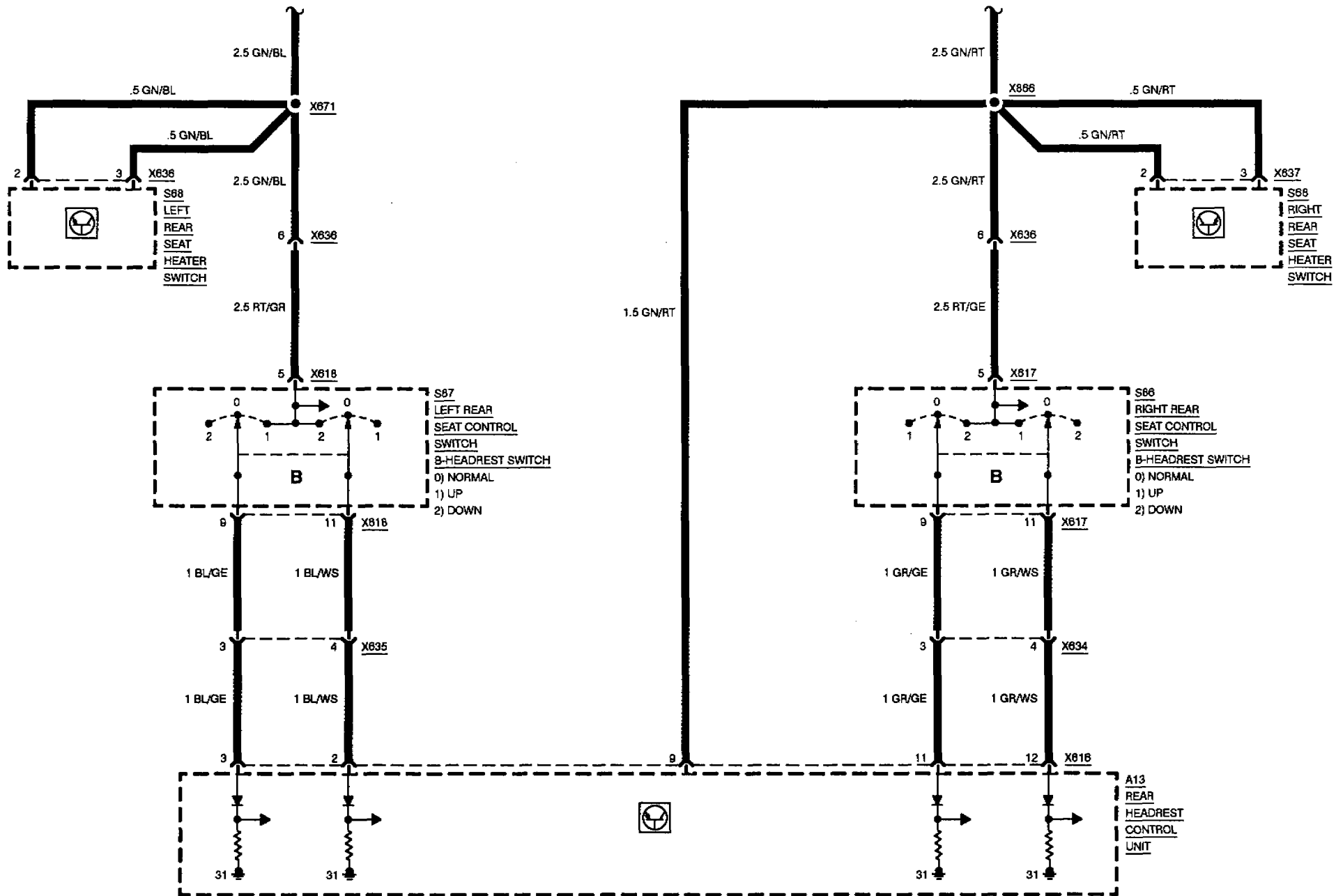
1991



POWER REAR HEADREST WITH POWER REAR SEATS

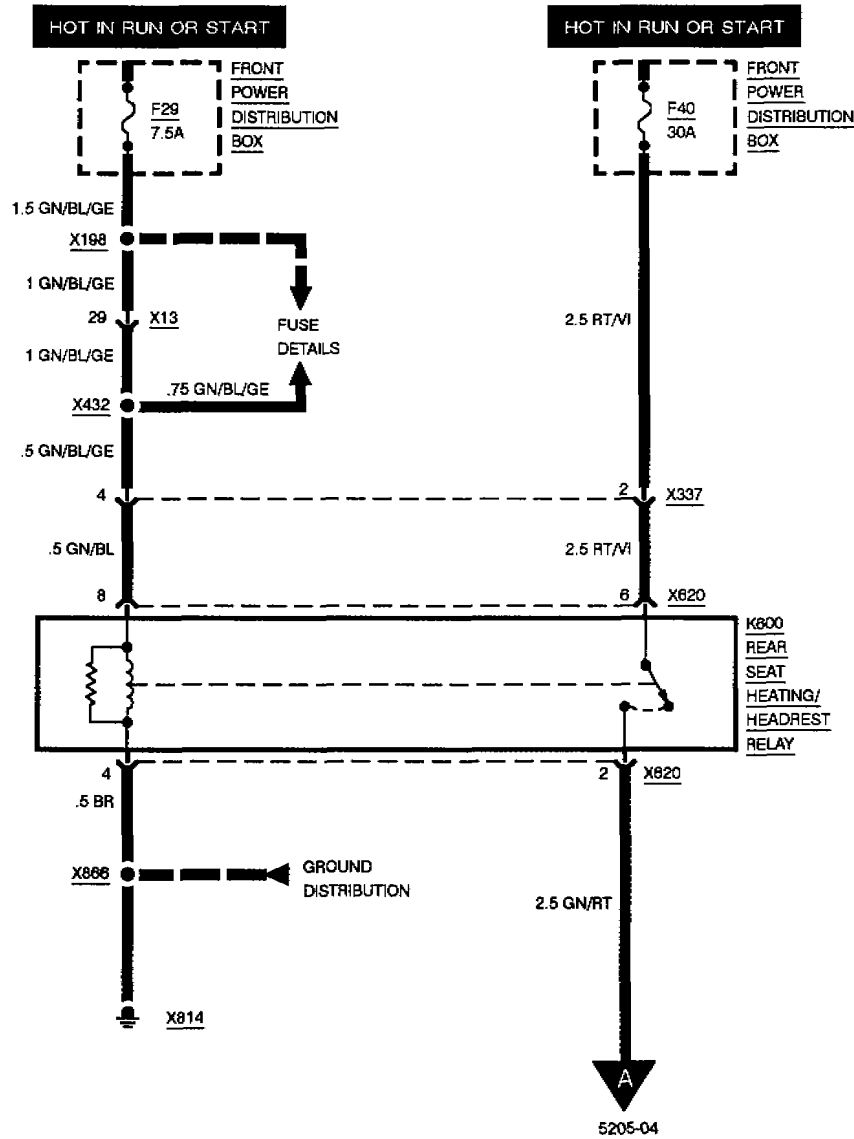


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





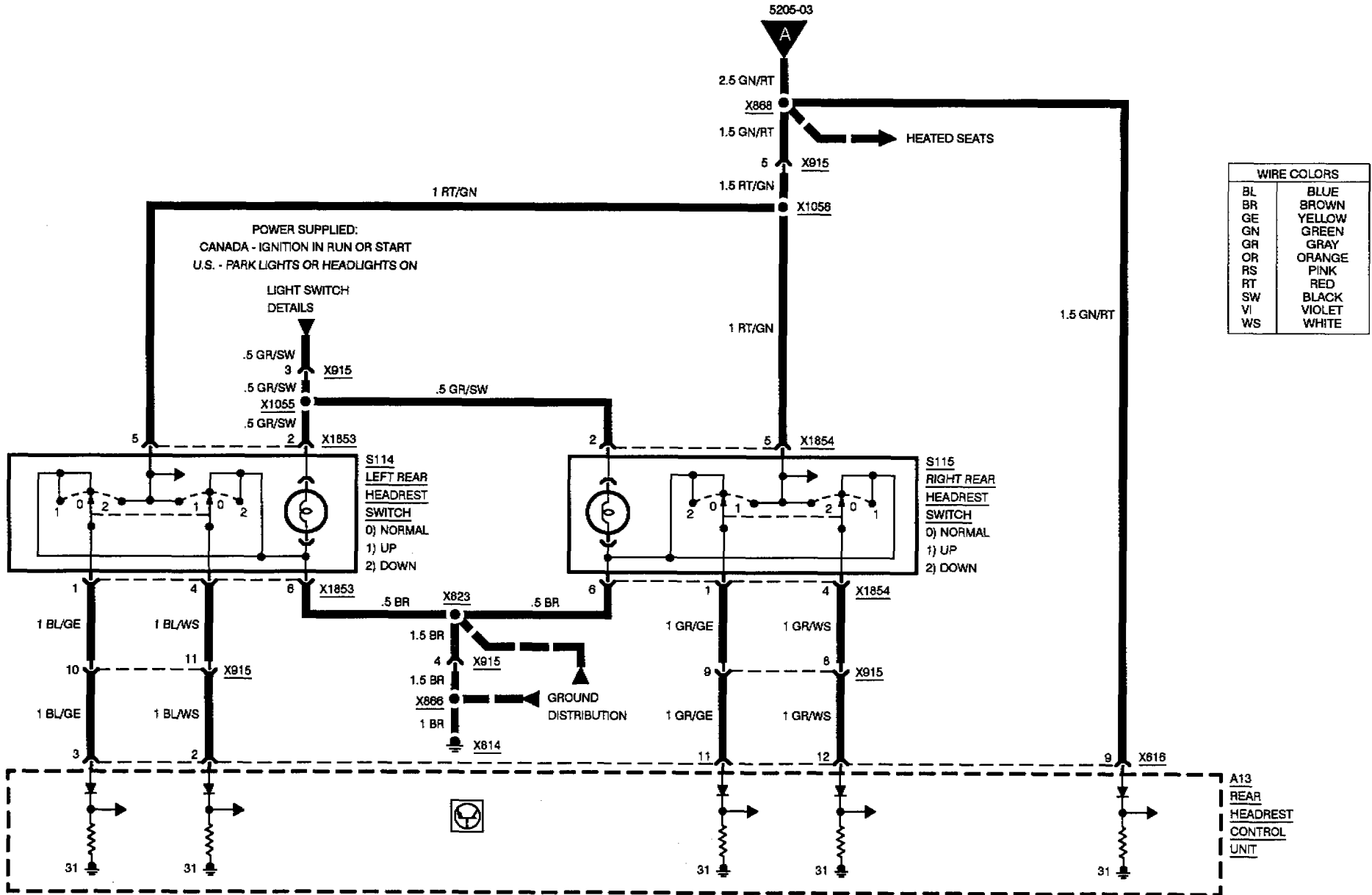
POWER REAR HEADREST WITHOUT POWER REAR SEAT

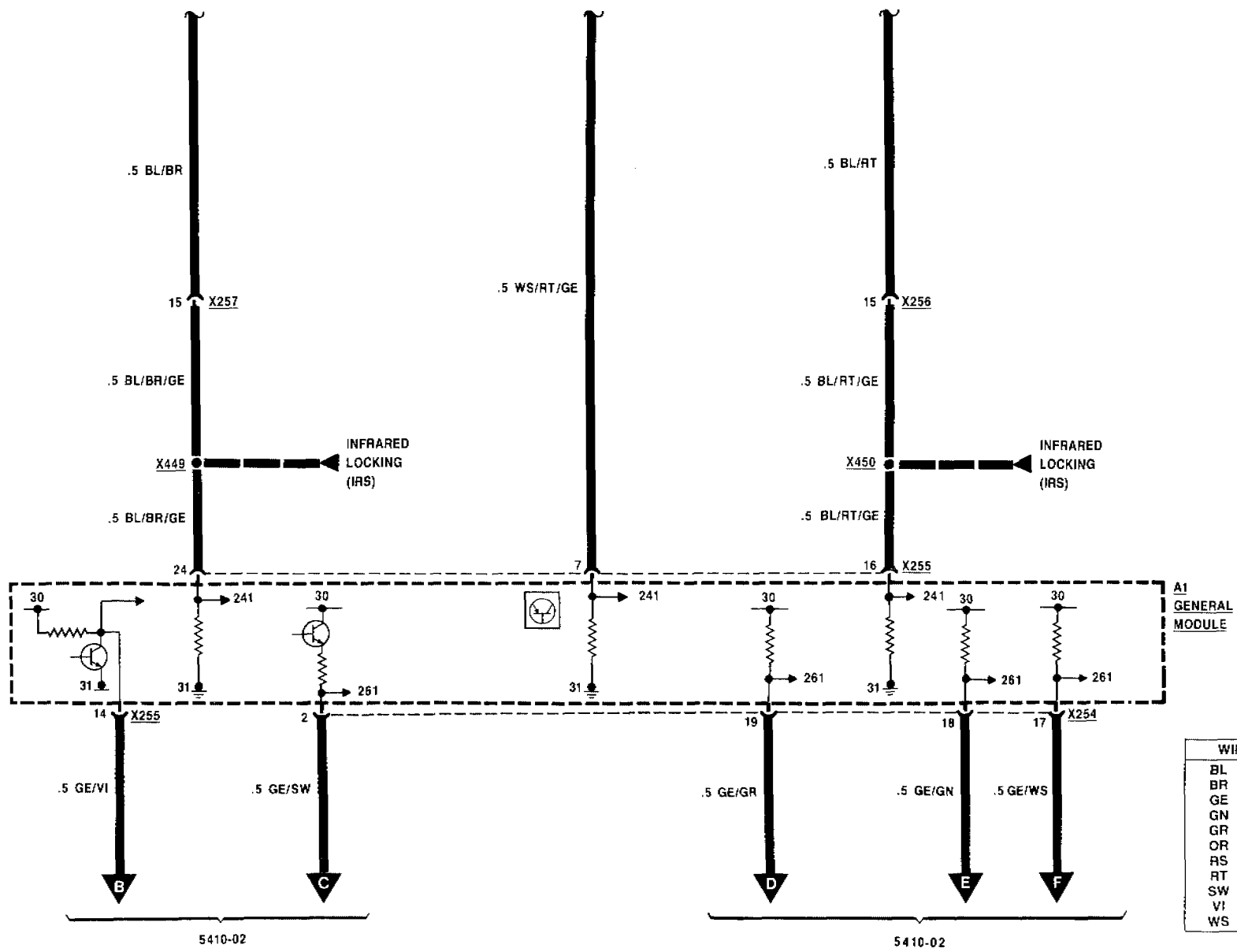


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



POWER REAR HEADREST WITHOUT POWER REAR SEAT



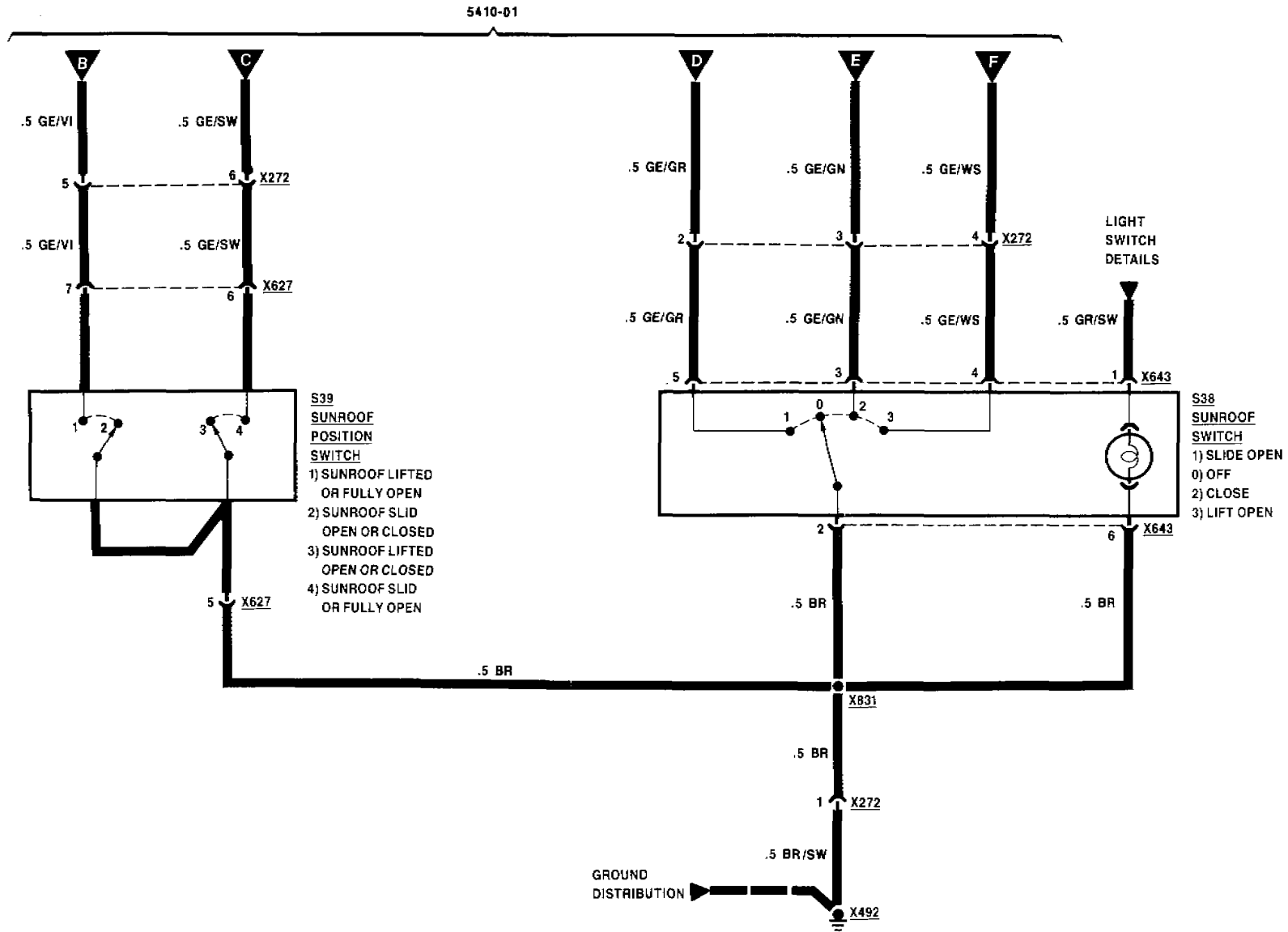


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



SUNROOF (ZKE)

INPUT DETAILS



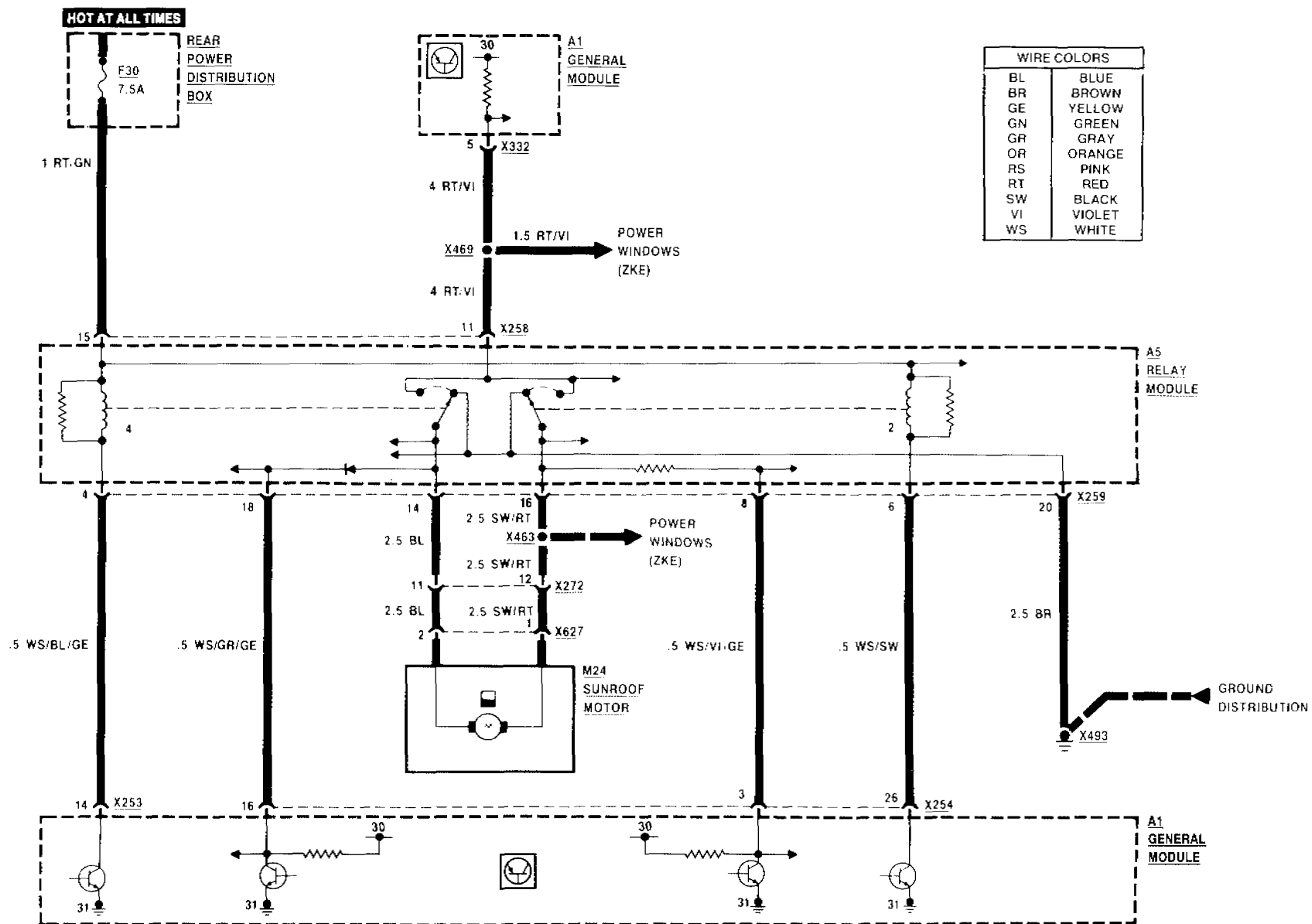
10/90

5410-02

1991

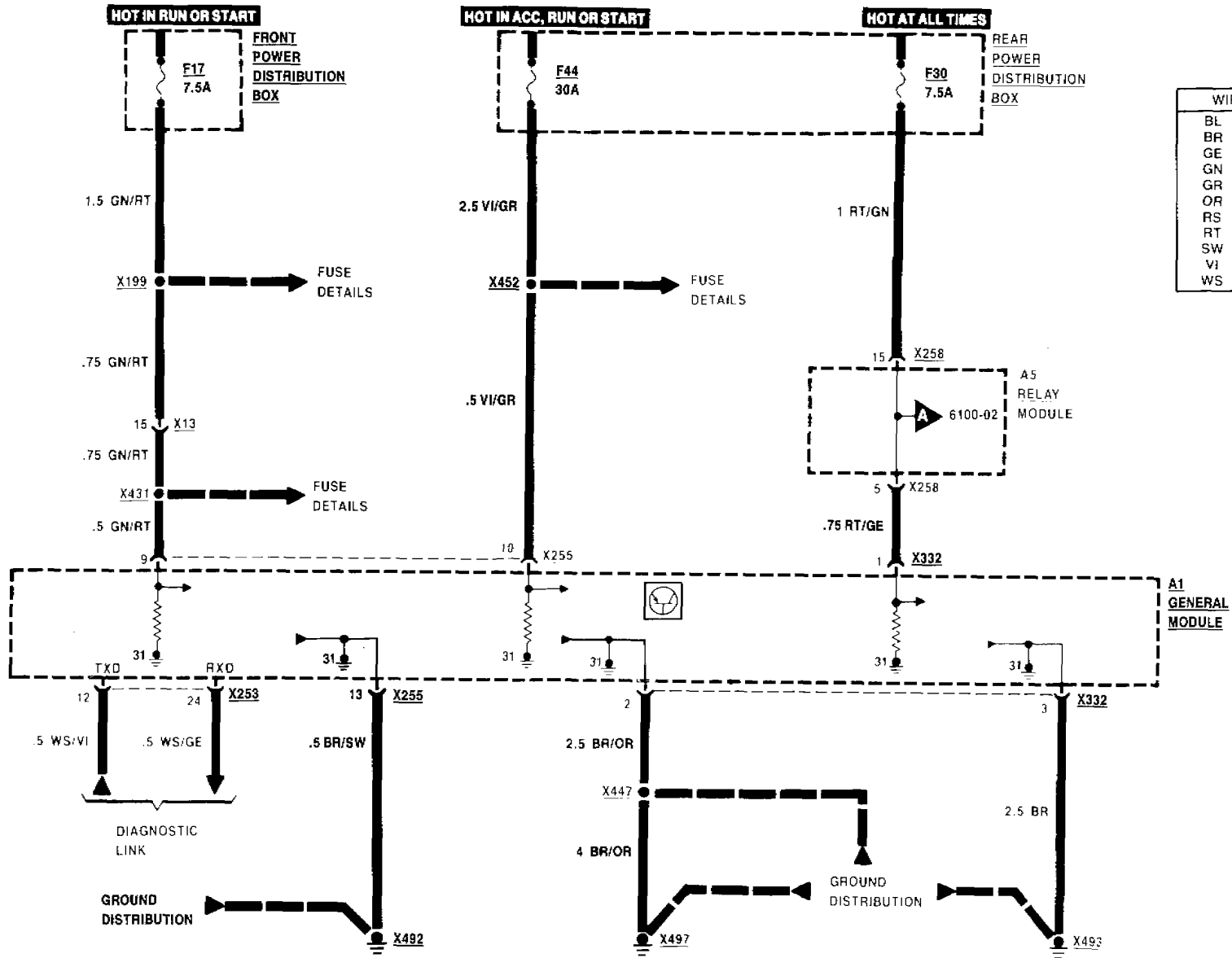


SUNROOF (ZKE) OUTPUT DETAILS





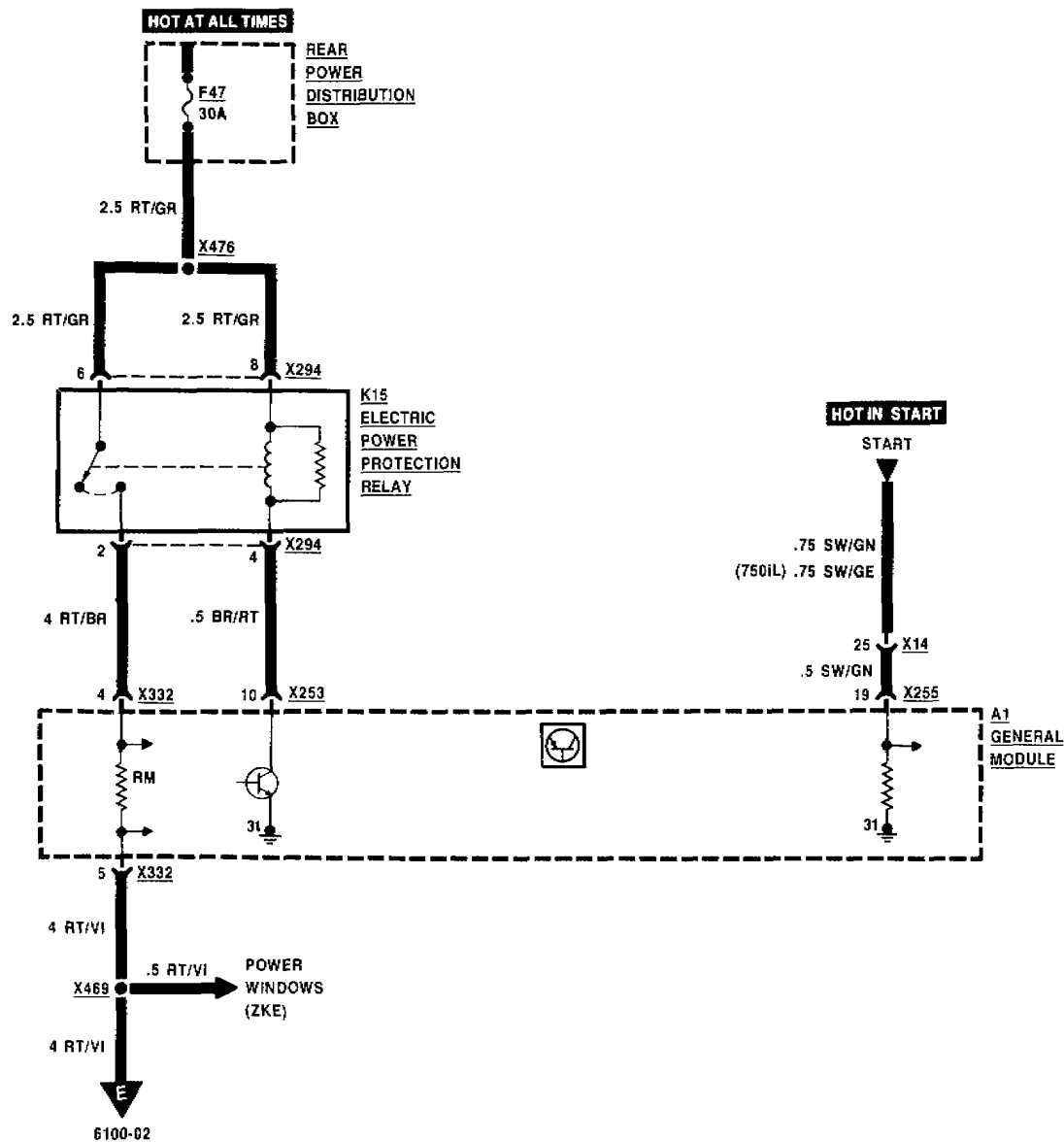
CENTRAL BODY ELECTRONICS (ZKE) GENERAL MODULE



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



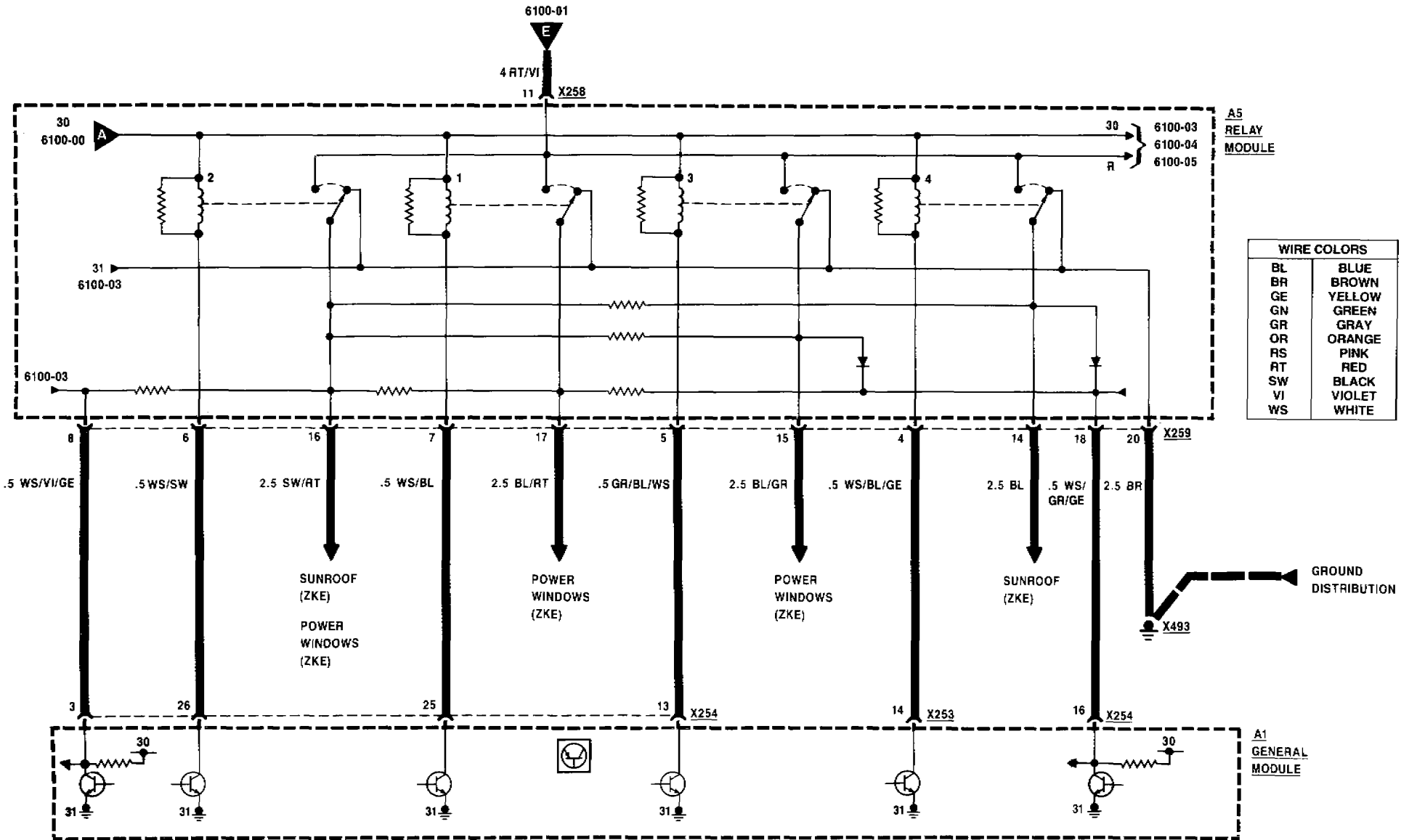
CENTRAL BODY ELECTRONICS (ZKE) GENERAL MODULE



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



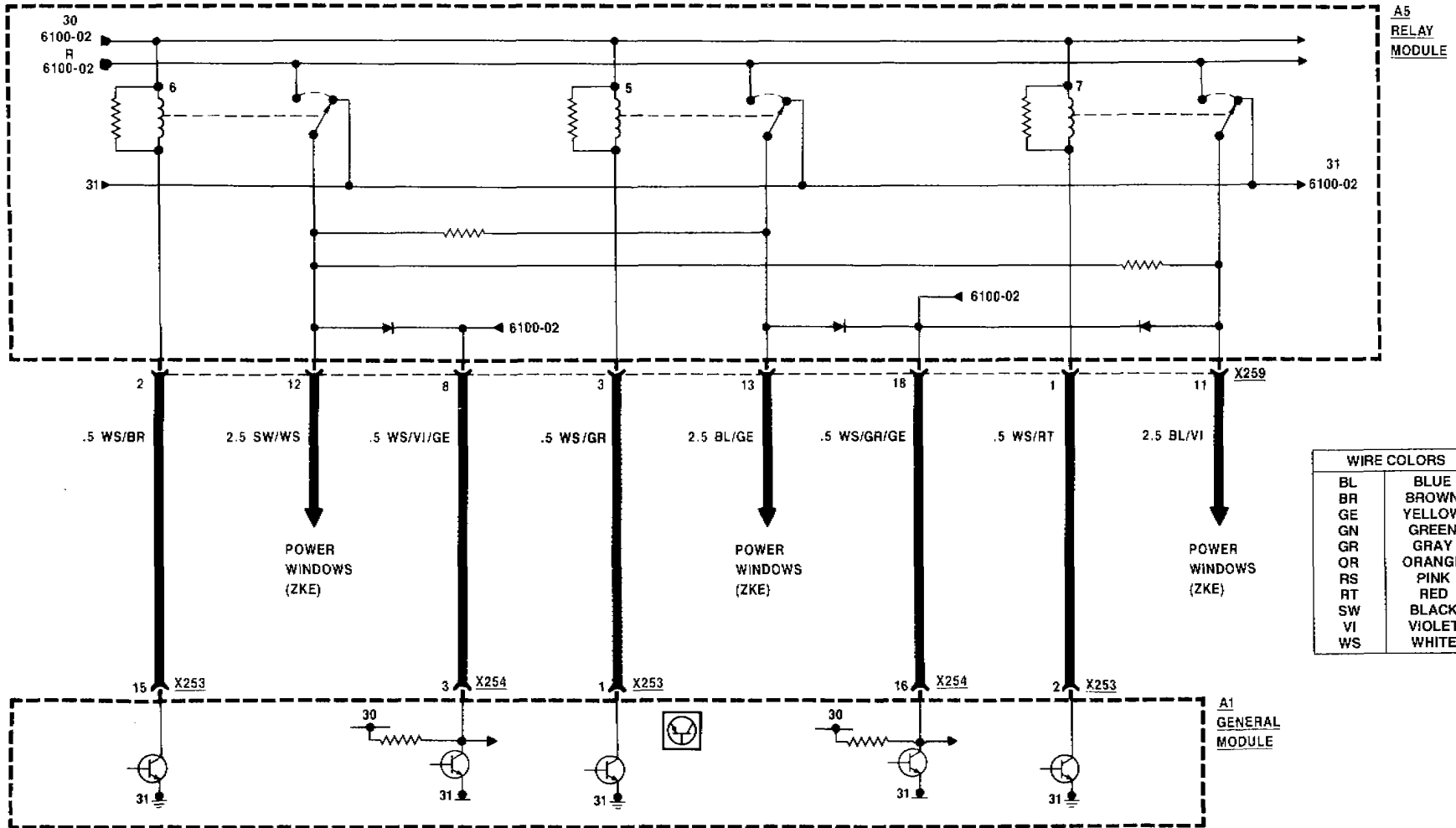
CENTRAL BODY ELECTRONICS (ZKE) RELAY MODULE





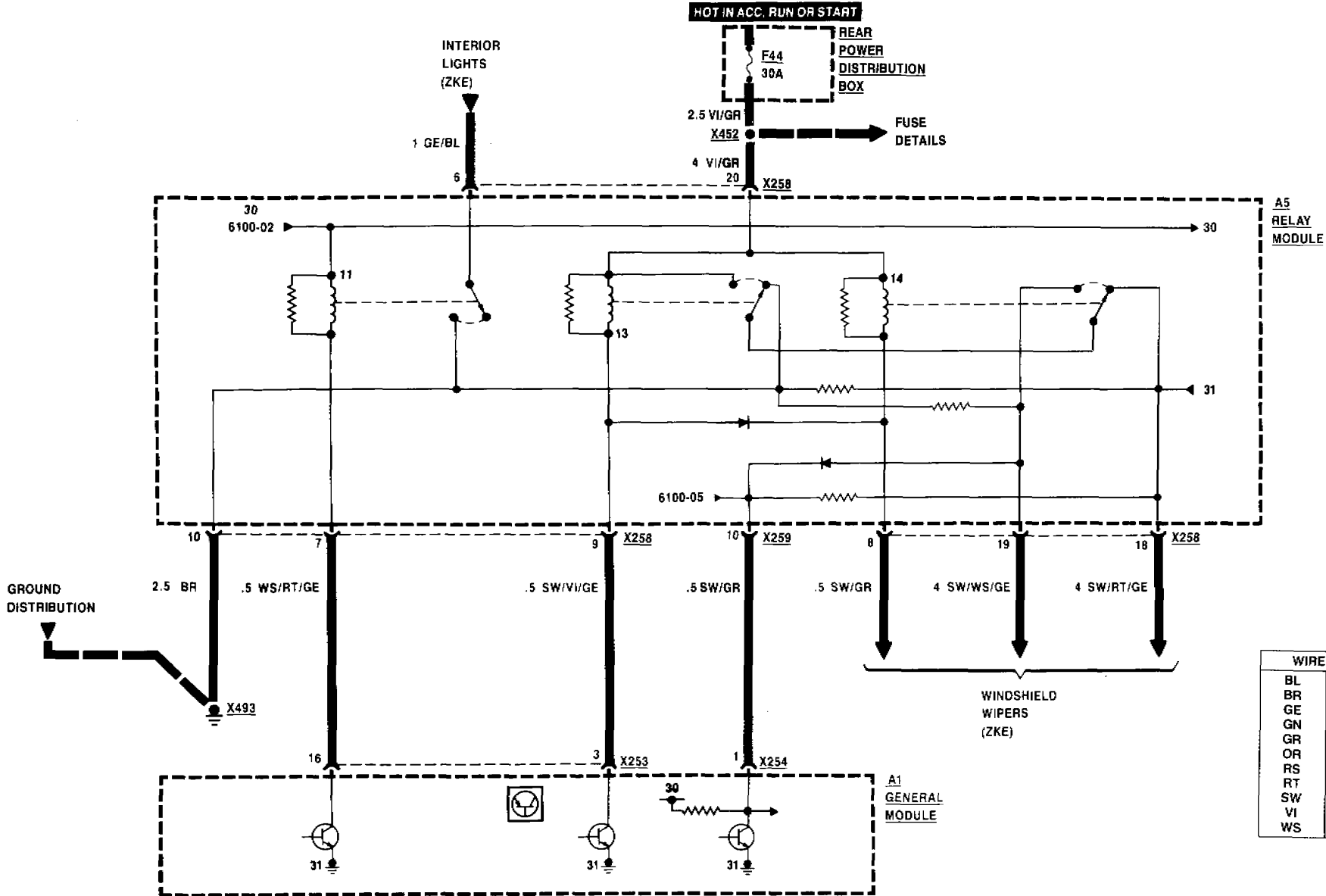
CENTRAL BODY ELECTRONICS (ZKE)

RELAY MODULE





CENTRAL BODY ELECTRONICS (ZKE) RELAY MODULE

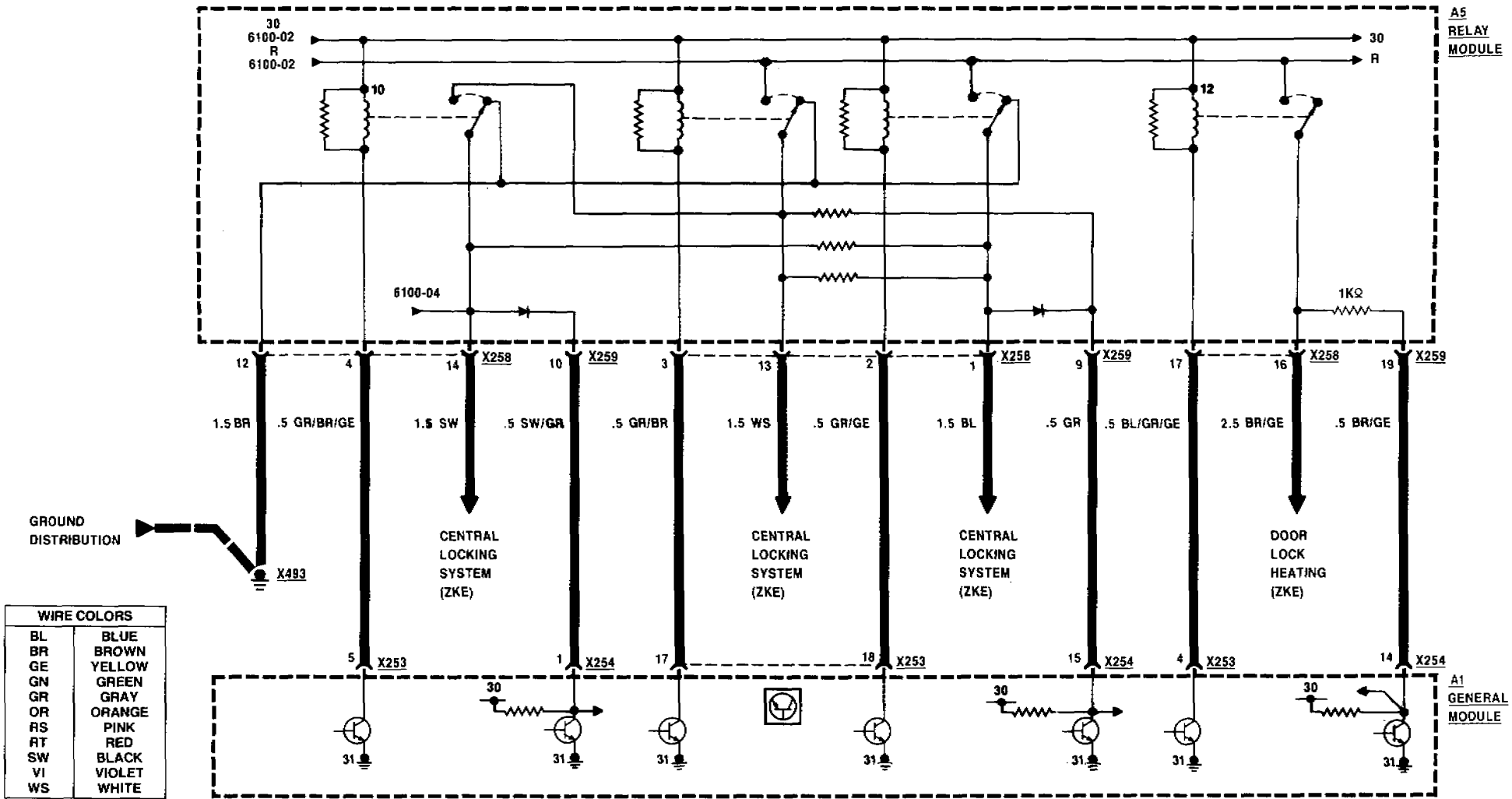


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



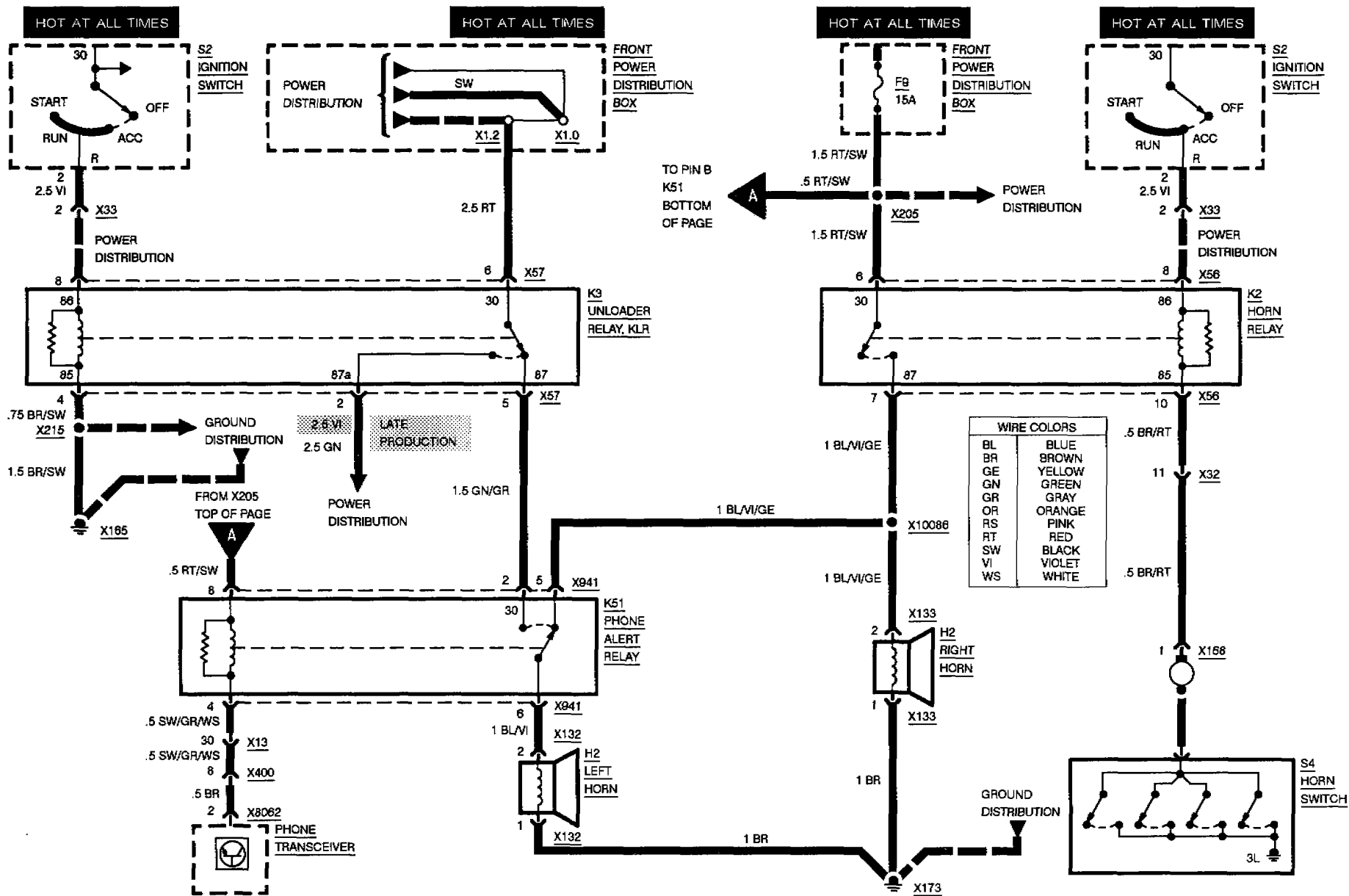
CENTRAL BODY ELECTRONICS (ZKE)

RELAY MODULE





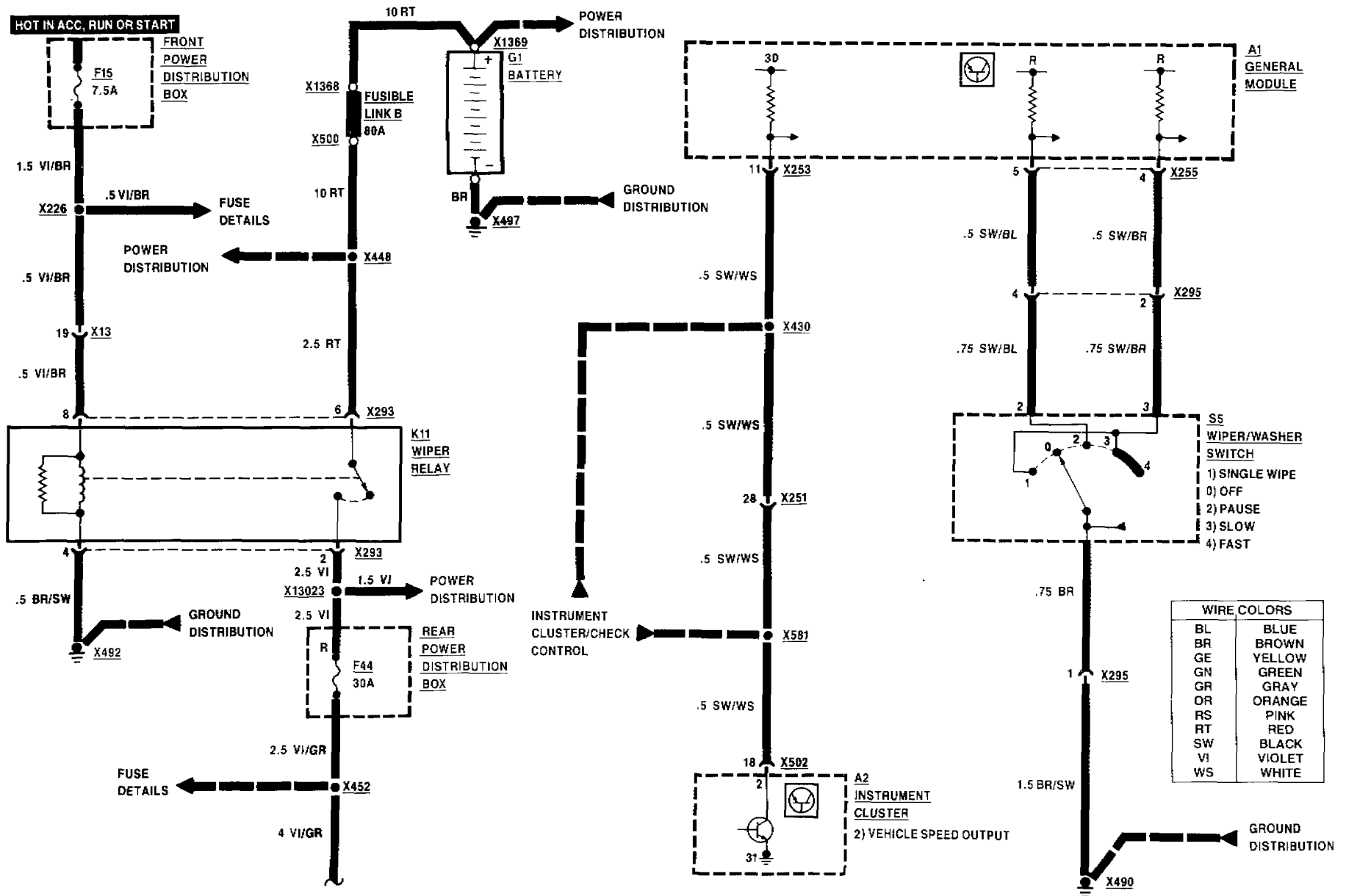
HORN





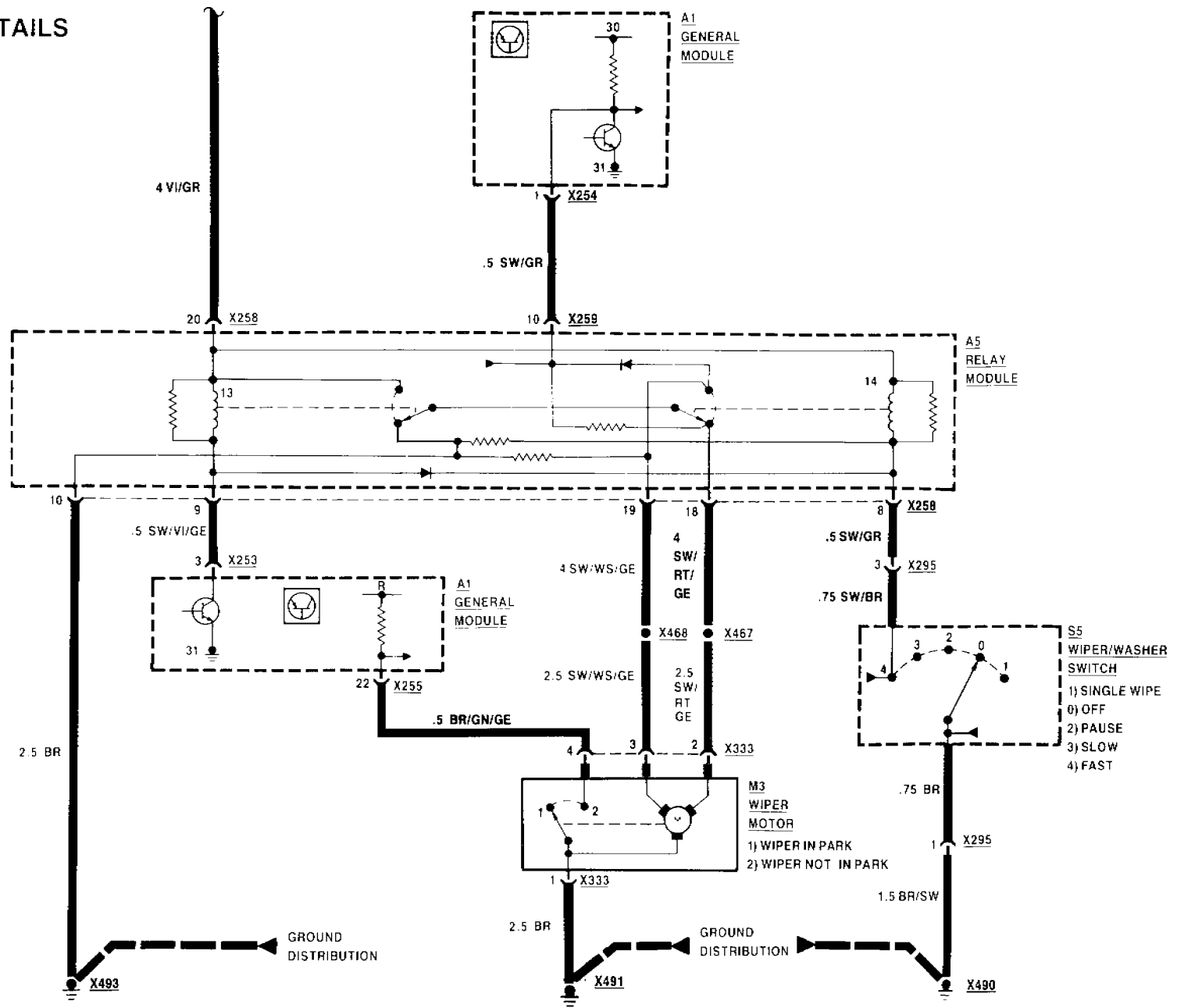
WINDSHIELD WIPERS (ZKE)

INPUT DETAILS



OUTPUT DETAILS

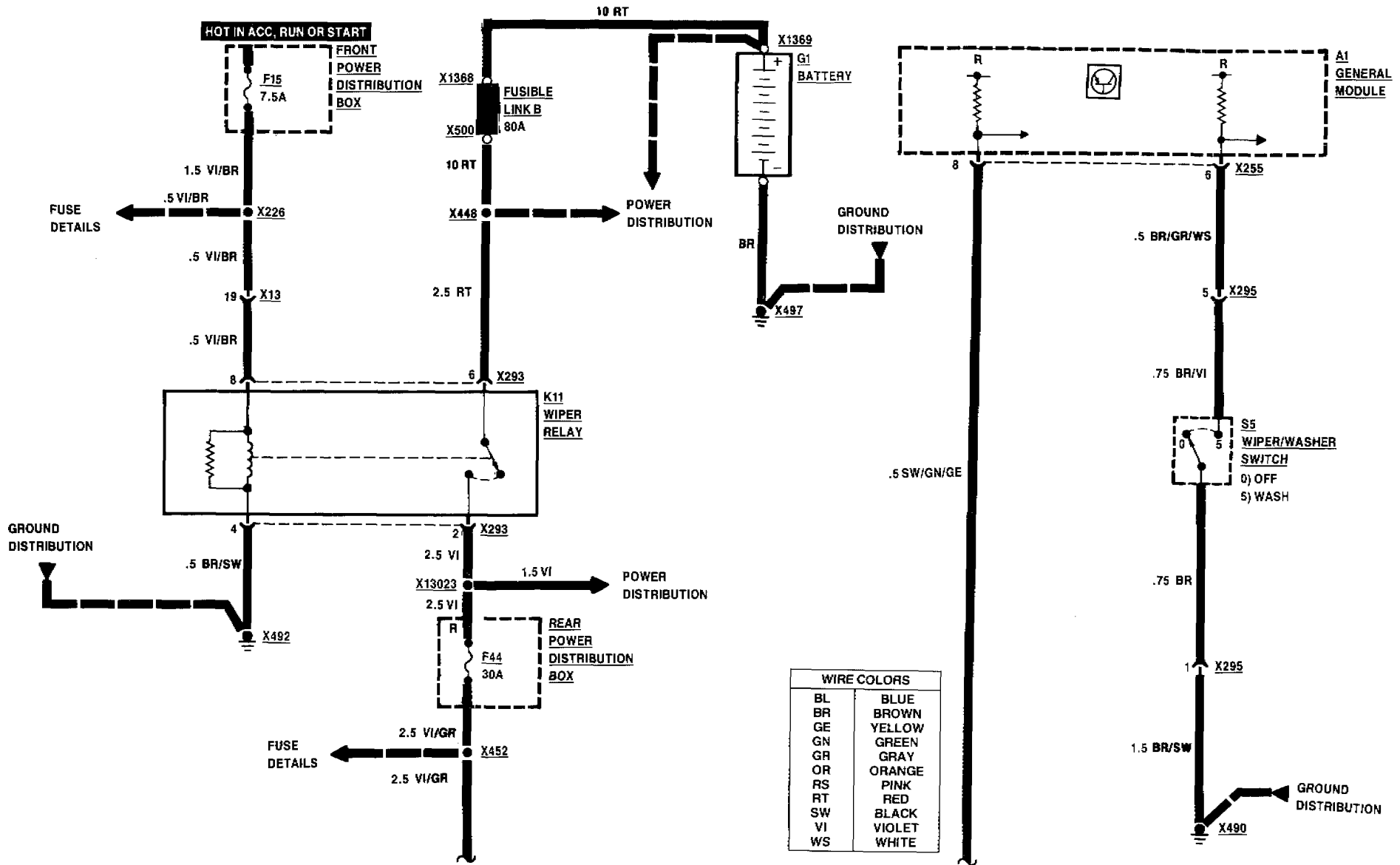
| WIRE COLORS | |
|-------------|--------|
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| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

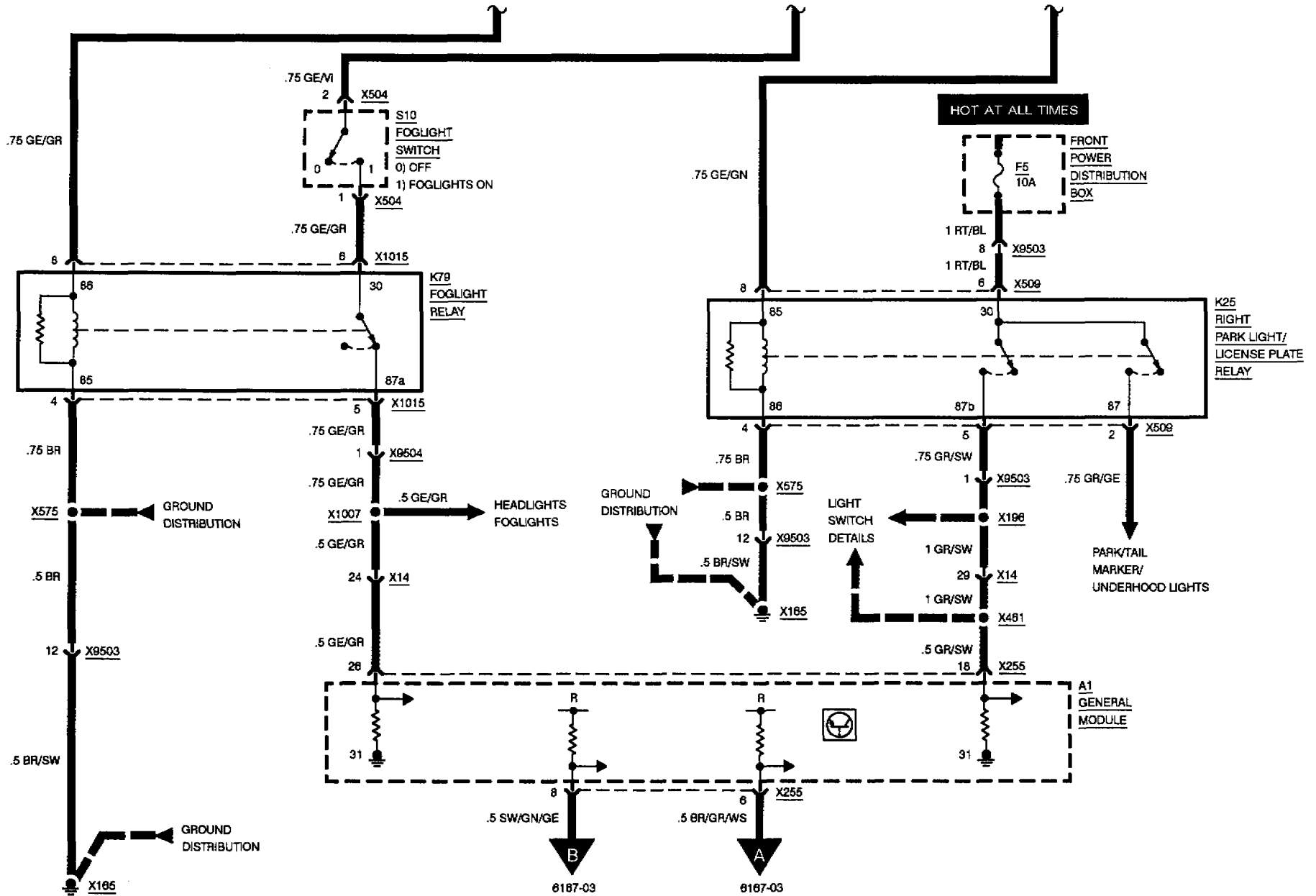




WINDSHIELD WASHER (ZKE)

INPUT DETAILS

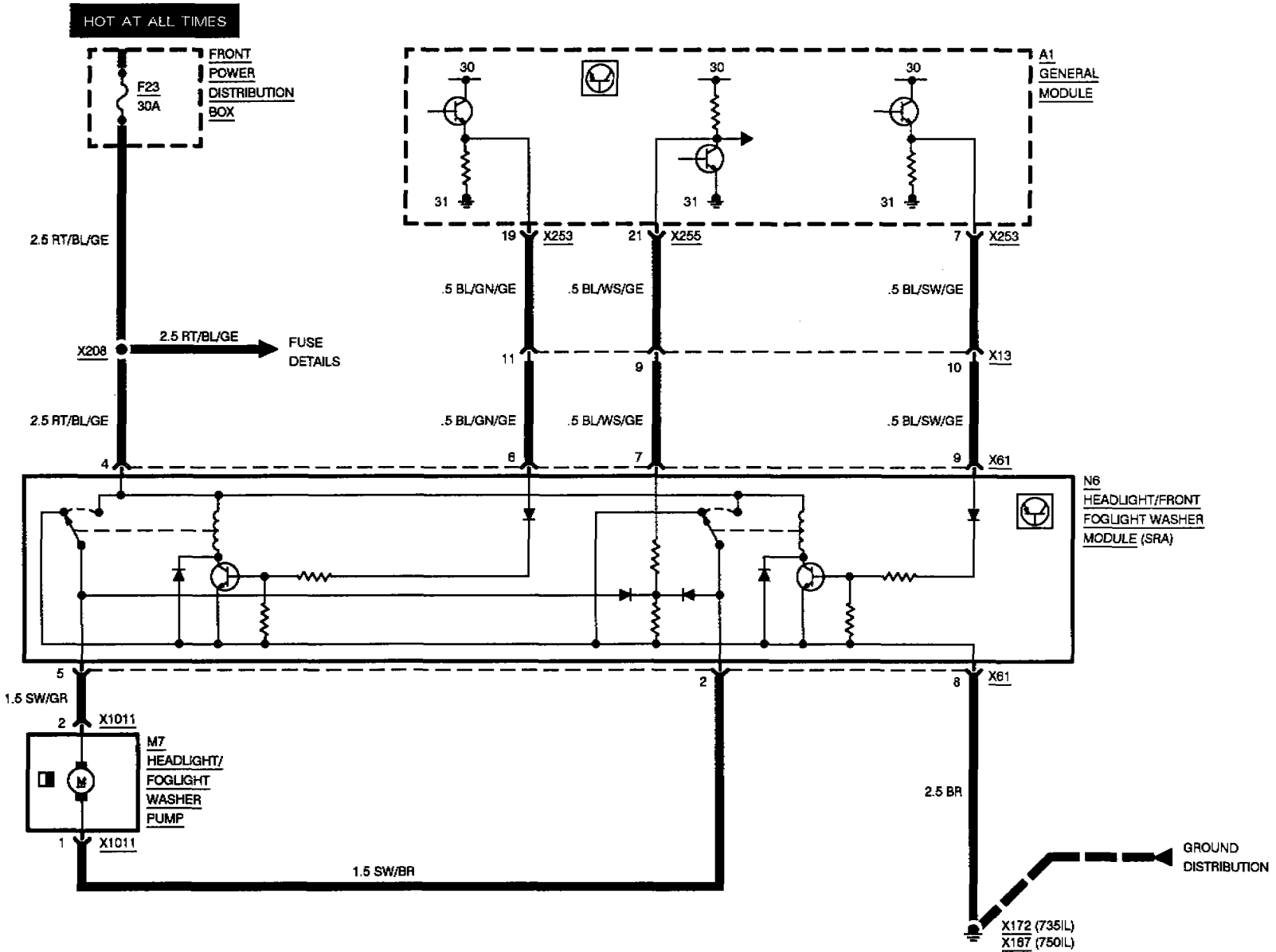






HEADLIGHT/FOG LIGHT WASHER (ZKE) OUTPUT DETAILS

735iL, 750iL



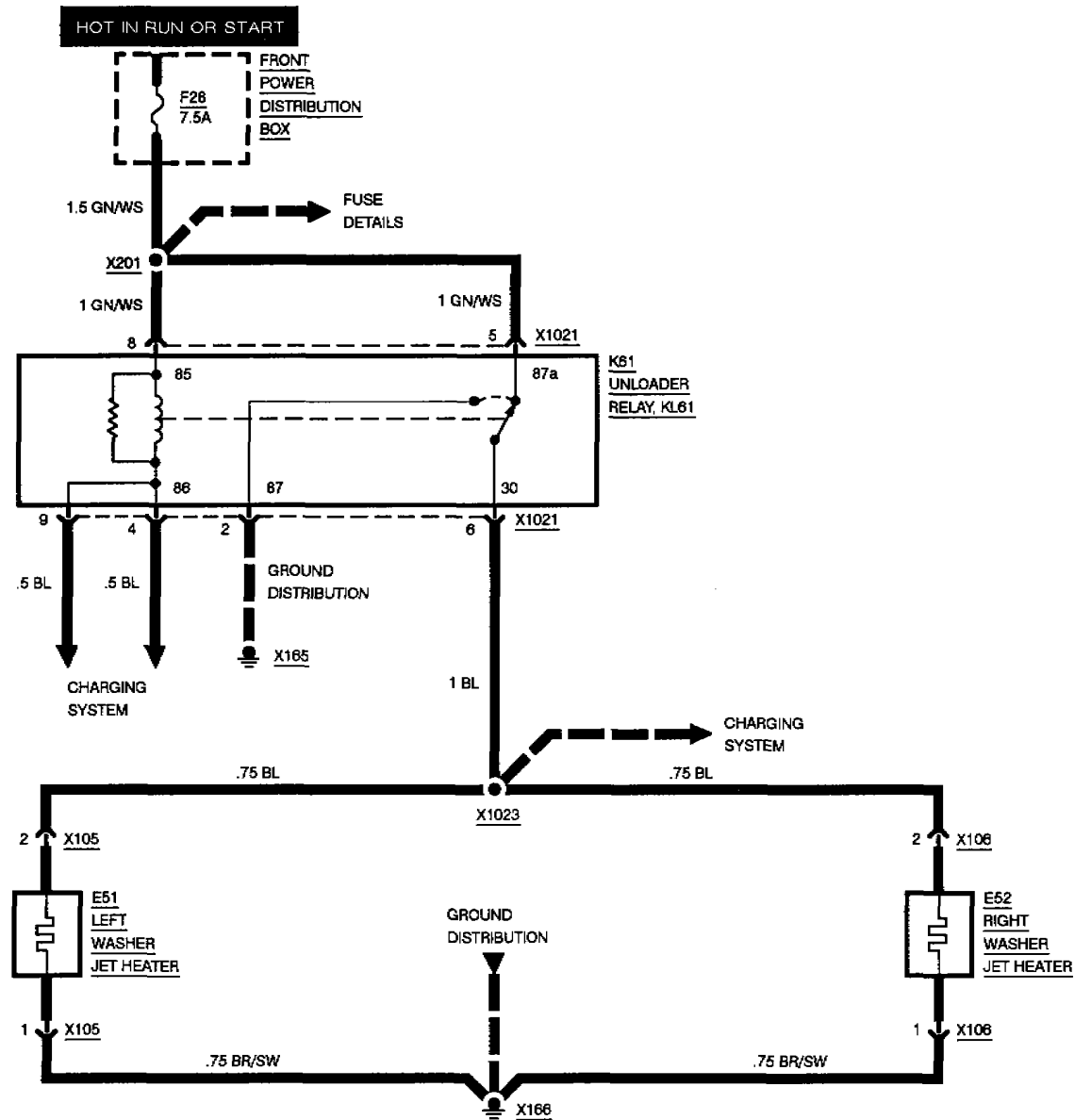


WINDSHIELD WASHER JET HEATERS

EARLY PRODUCTION

NOTE:
CHARGING SYSTEM
PROVIDES GROUND
FOR KL61 UNLOADER
RELAY WITH IGNITION
IN RUN AND ENGINE
HOT RUNNING

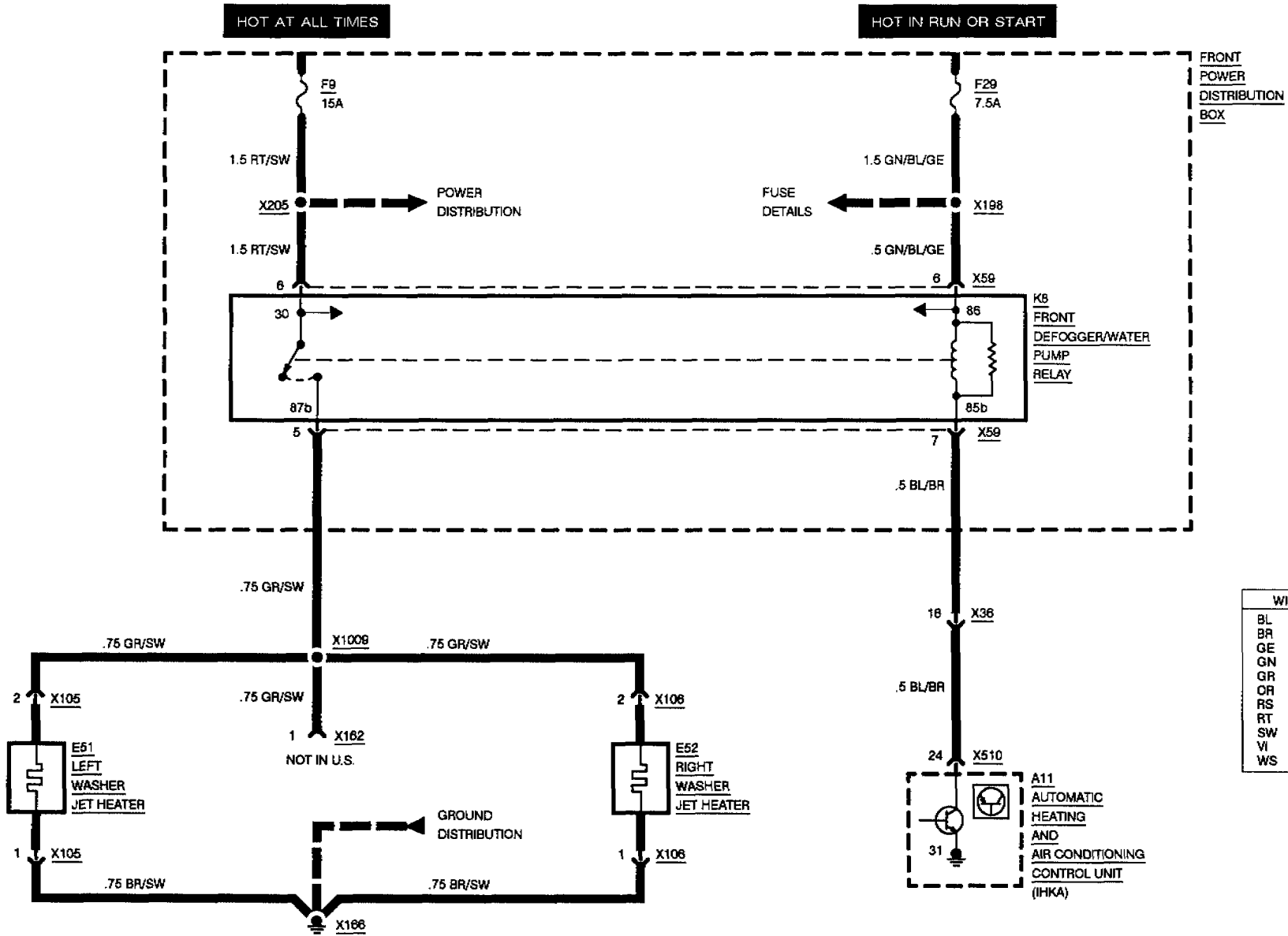
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



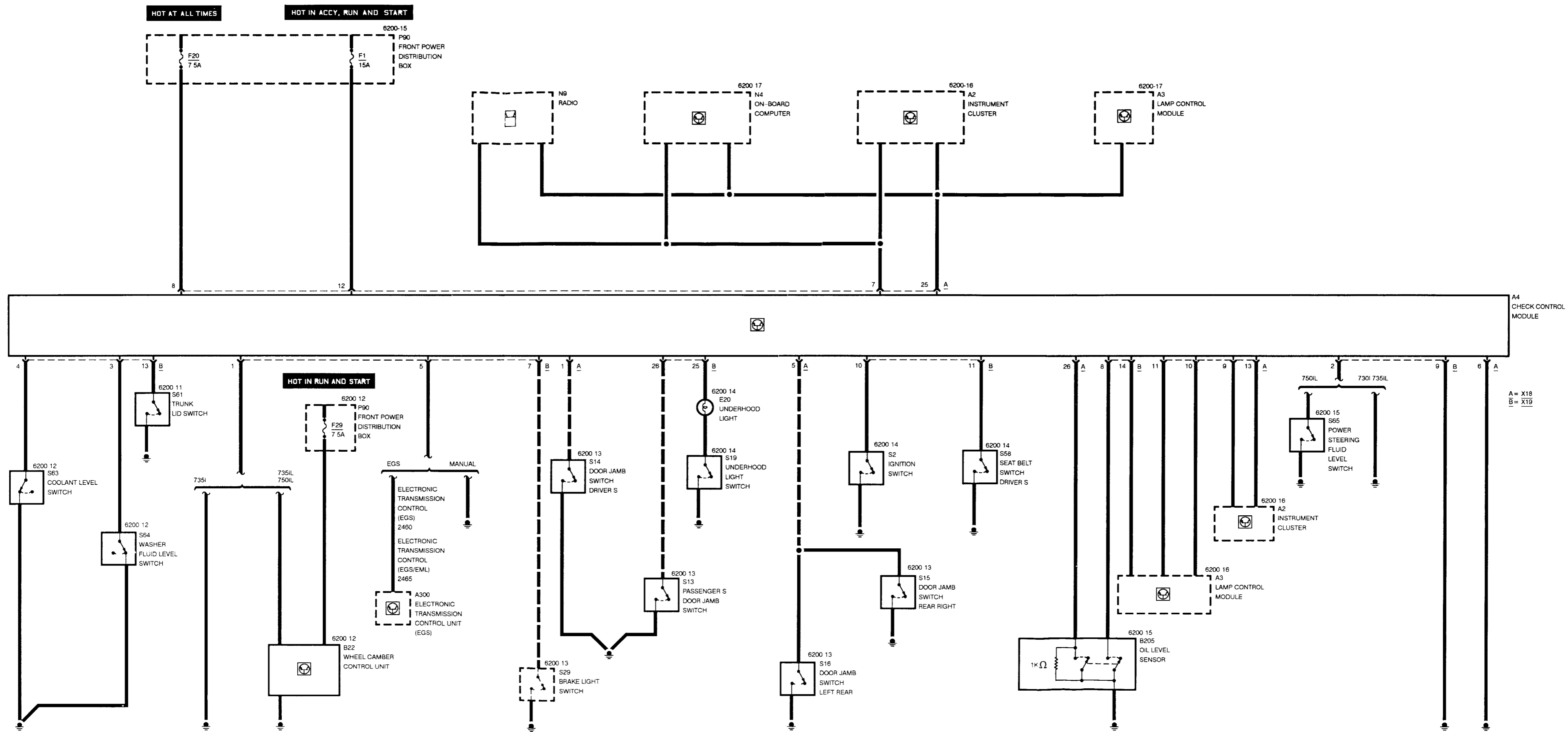


WINDSHIELD WASHER JET HEATERS

LATE PRODUCTION



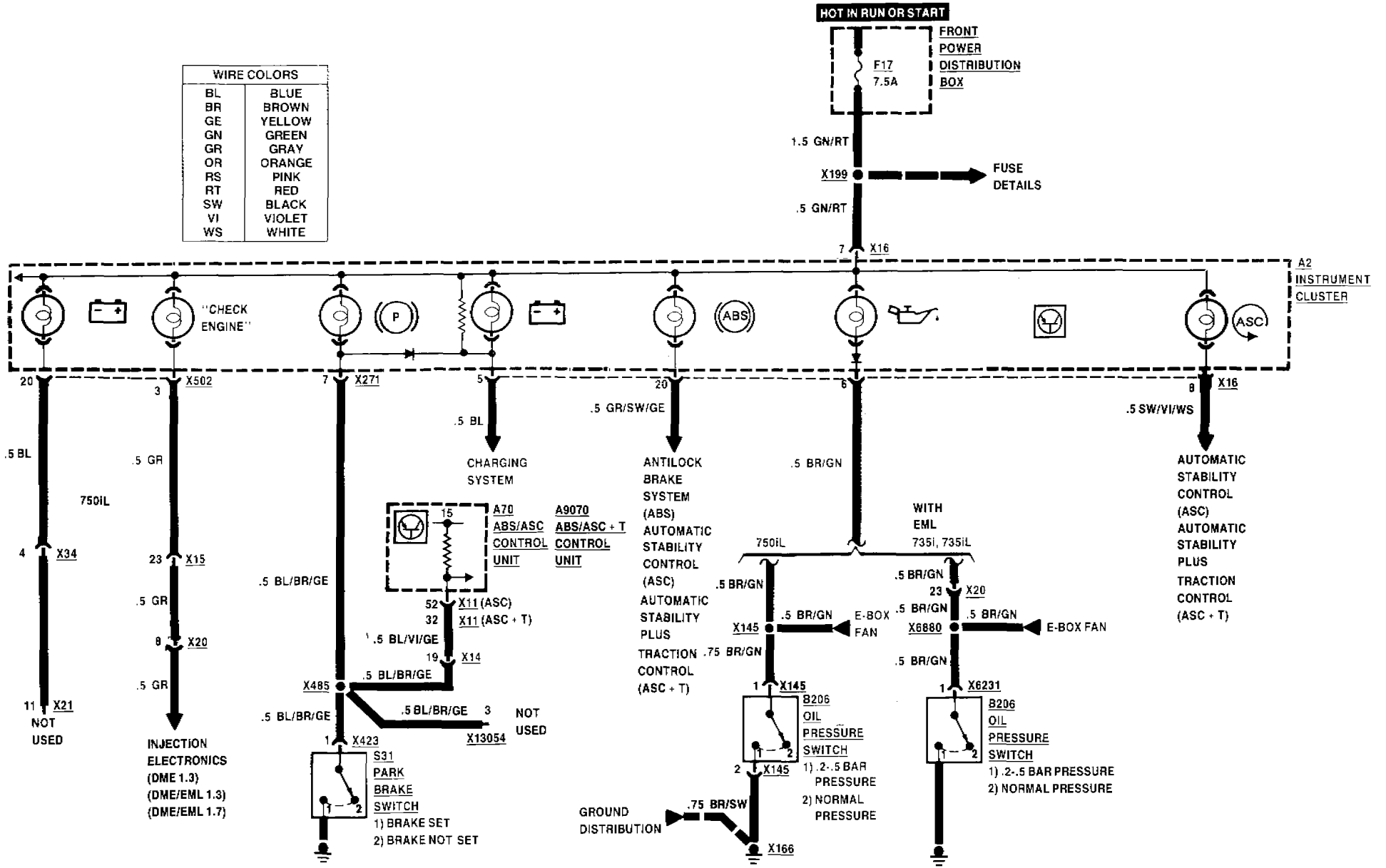
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





INSTRUMENT CLUSTER/CHECK CONTROL INDICATORS

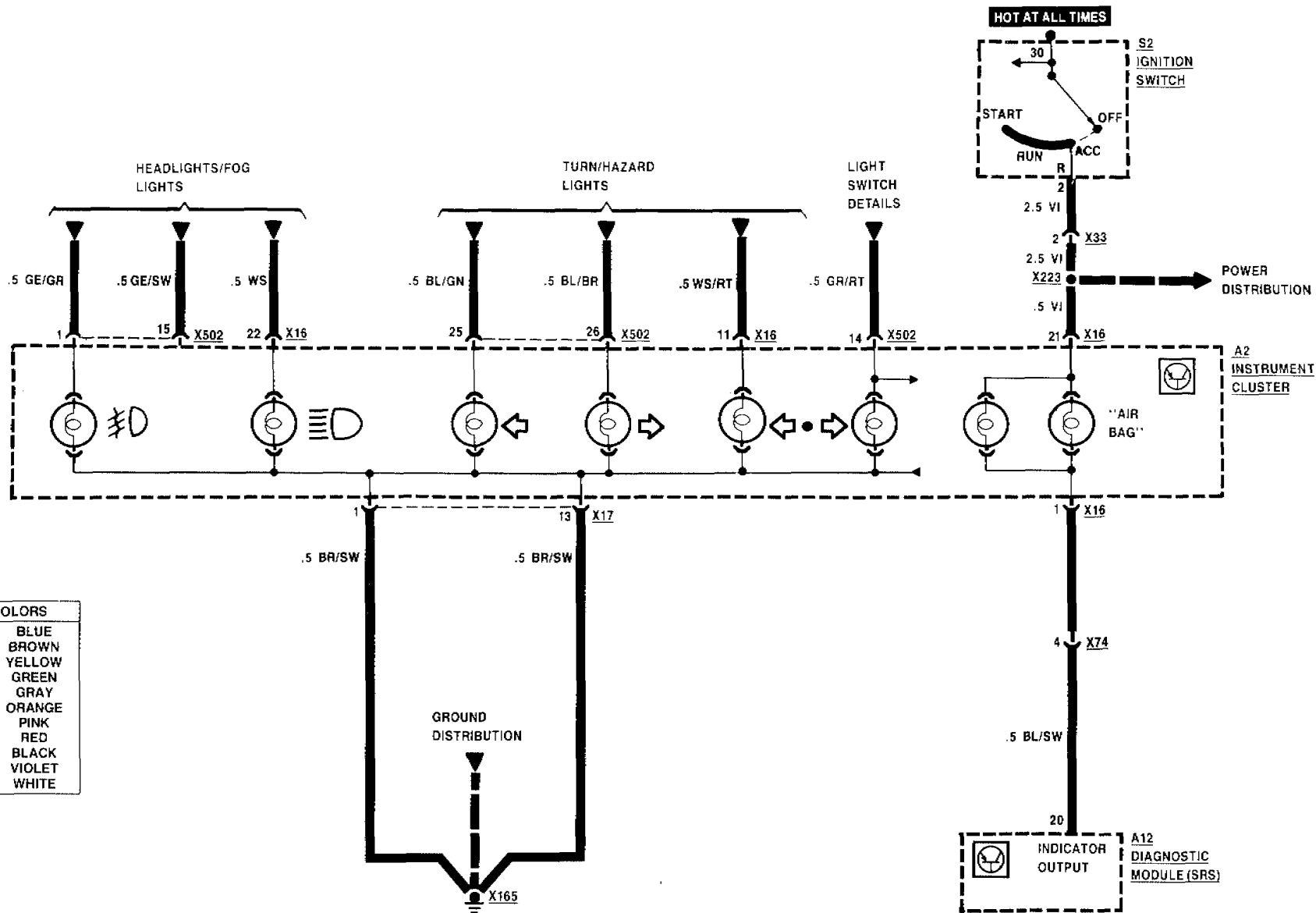
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





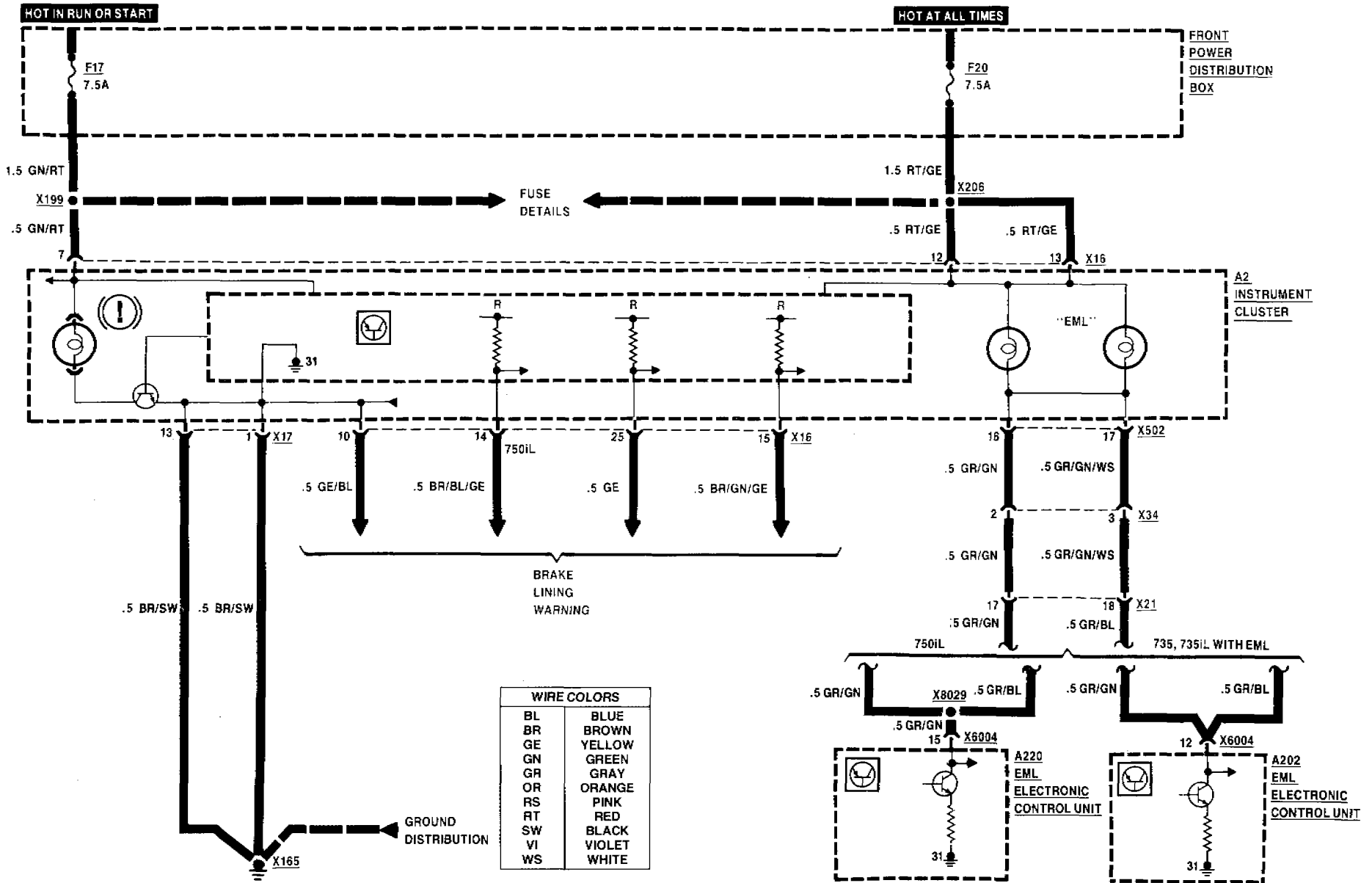
INSTRUMENT CLUSTER/CHECK CONTROL

INSTRUMENT CLUSTER INDICATORS

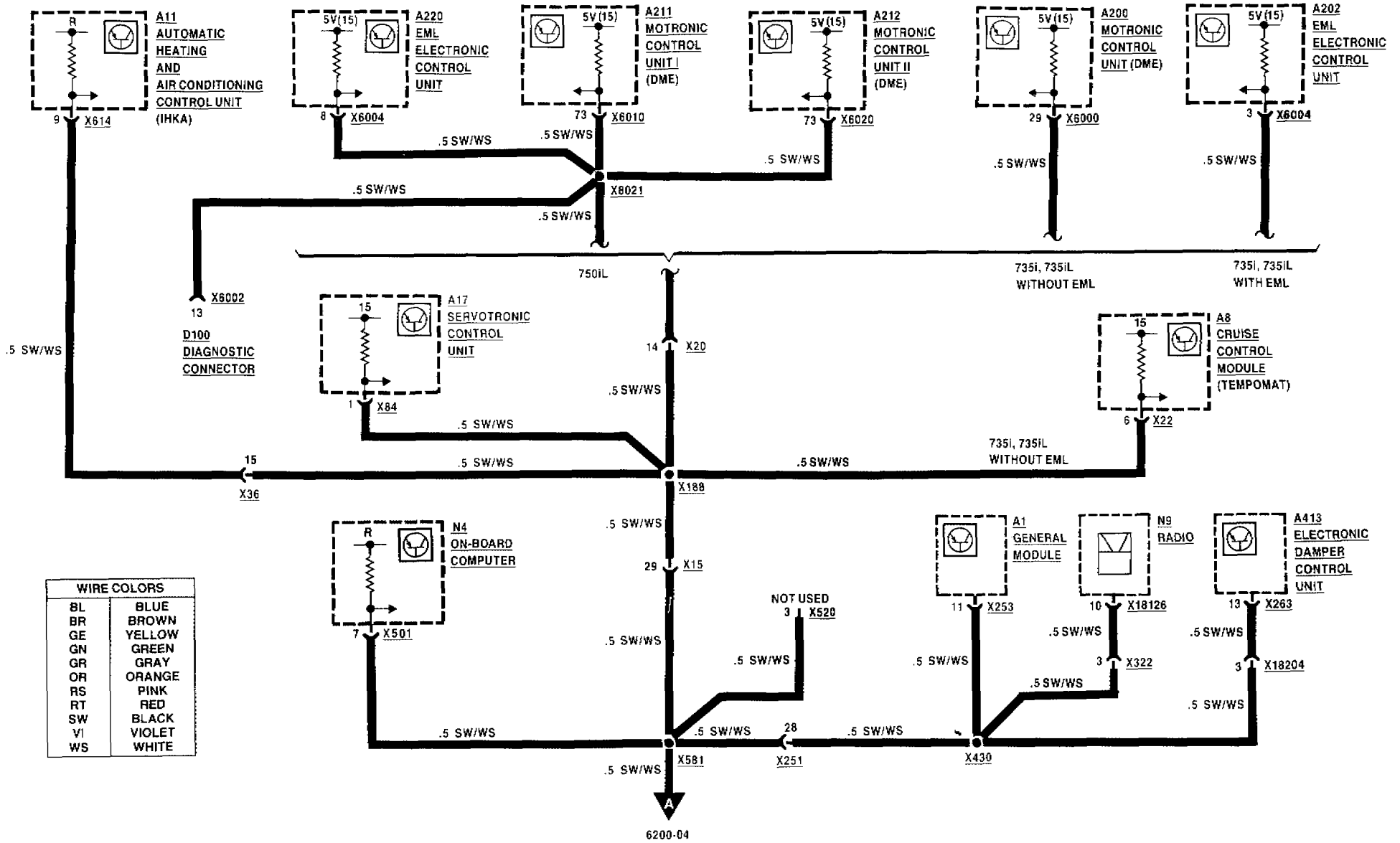


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

INSTRUMENT CLUSTER/CHECK CONTROL INDICATORS



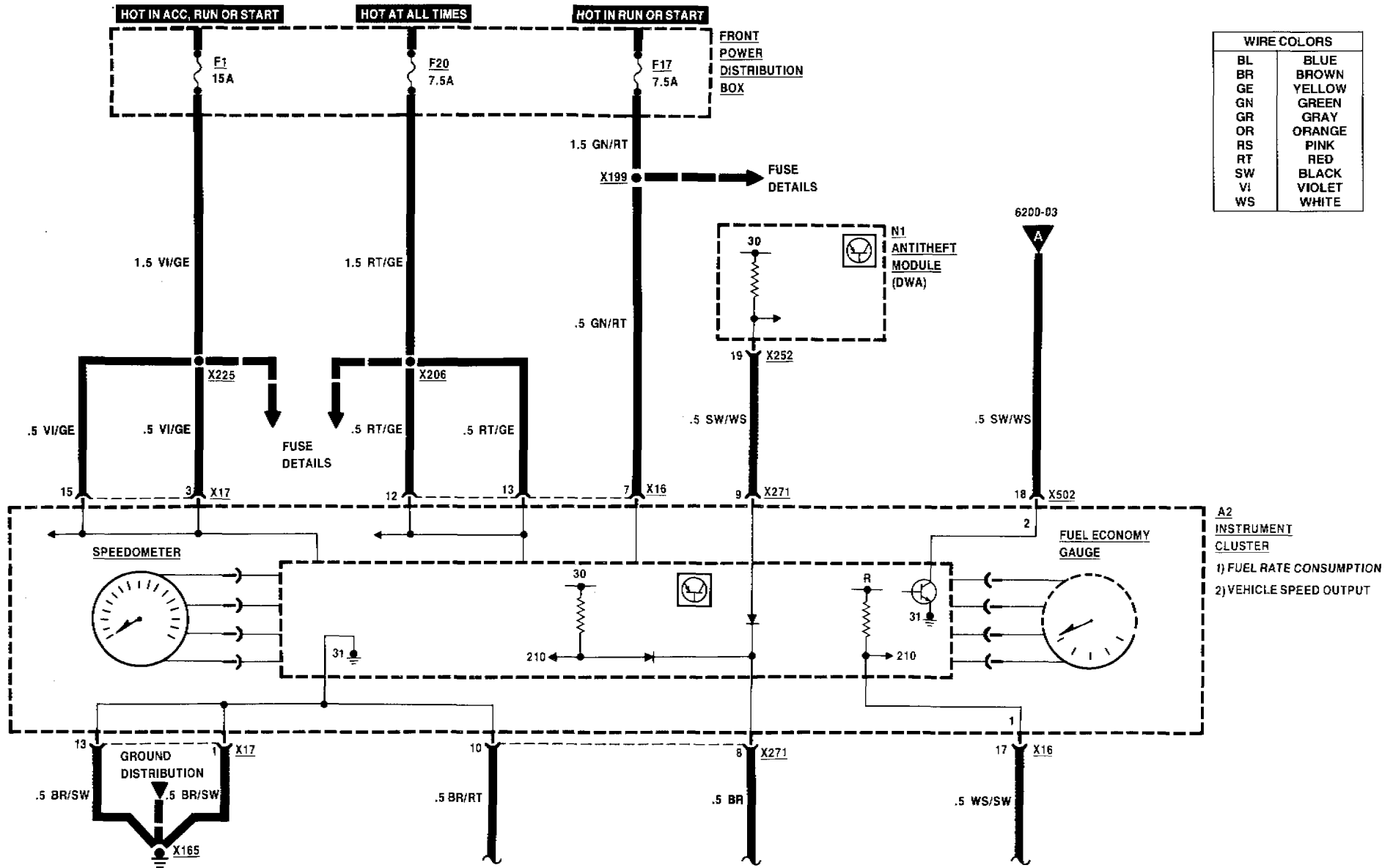
INSTRUMENT CLUSTER/CHECK CONTROL





INSTRUMENT CLUSTER/CHECK CONTROL

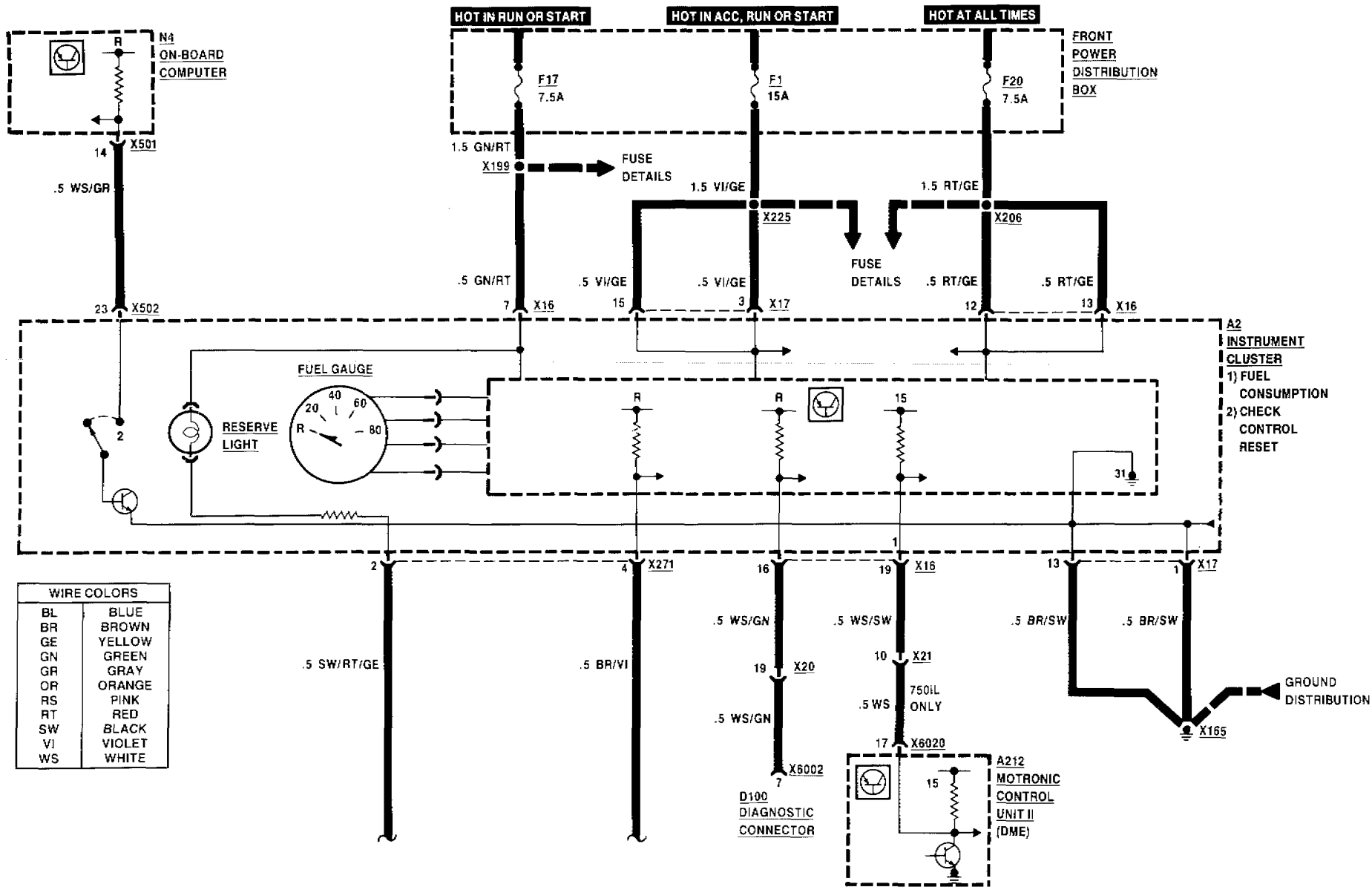
INSTRUMENT CLUSTER GAUGES



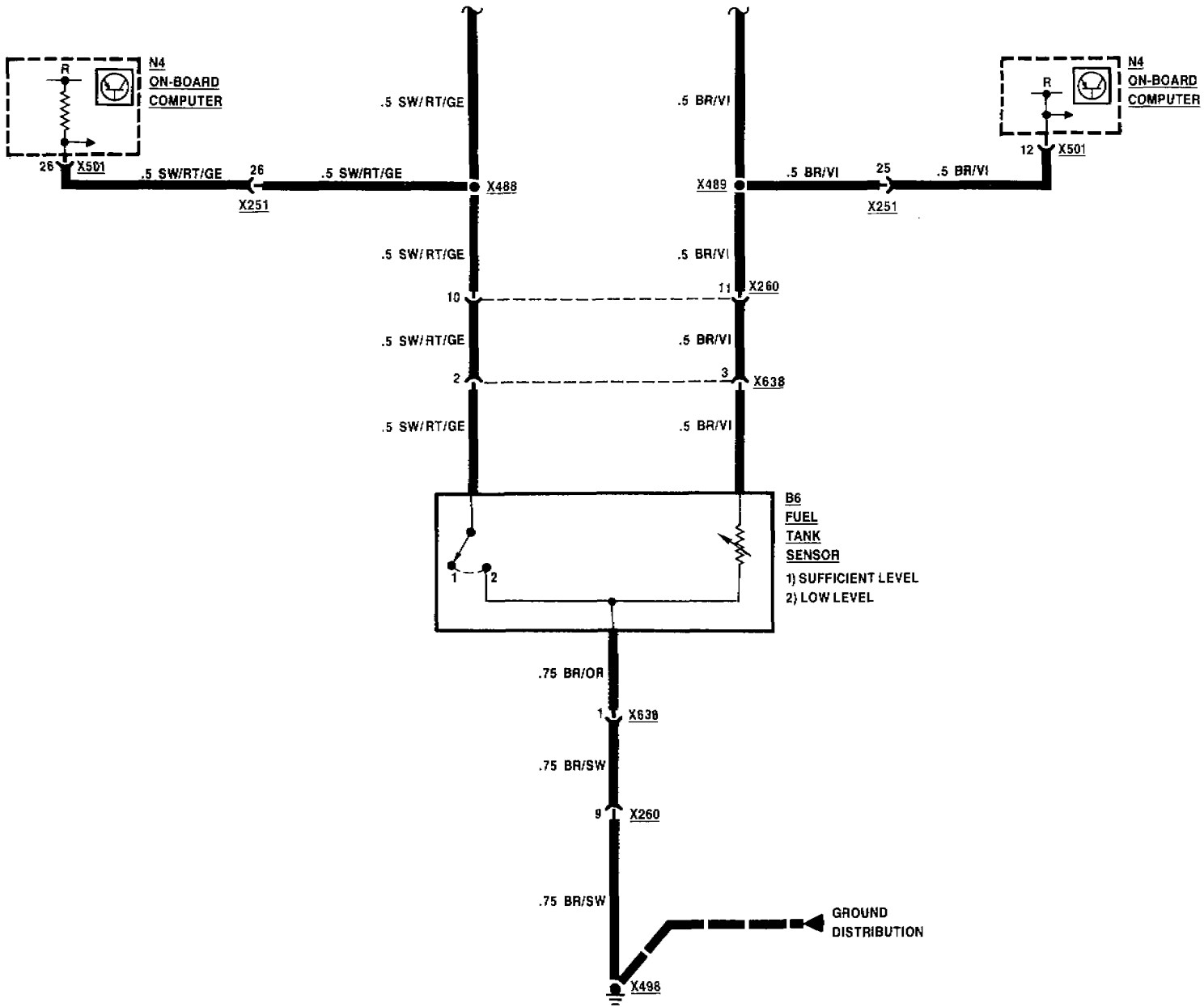


INSTRUMENT CLUSTER/CHECK CONTROL

INSTRUMENT CLUSTER GAUGES



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



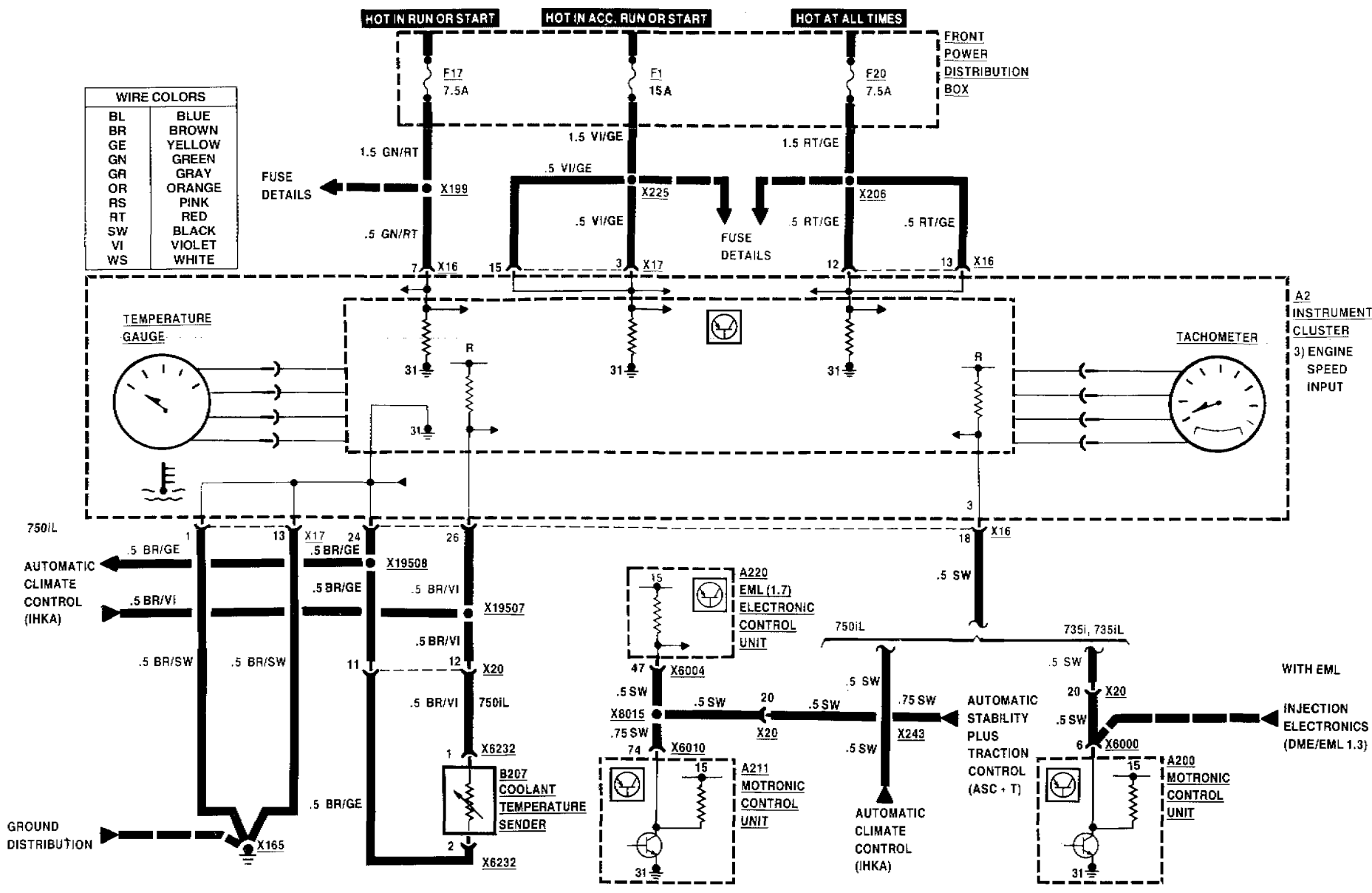


INSTRUMENT CLUSTER/CHECK CONTROL GAUGES

03/92

6200-08

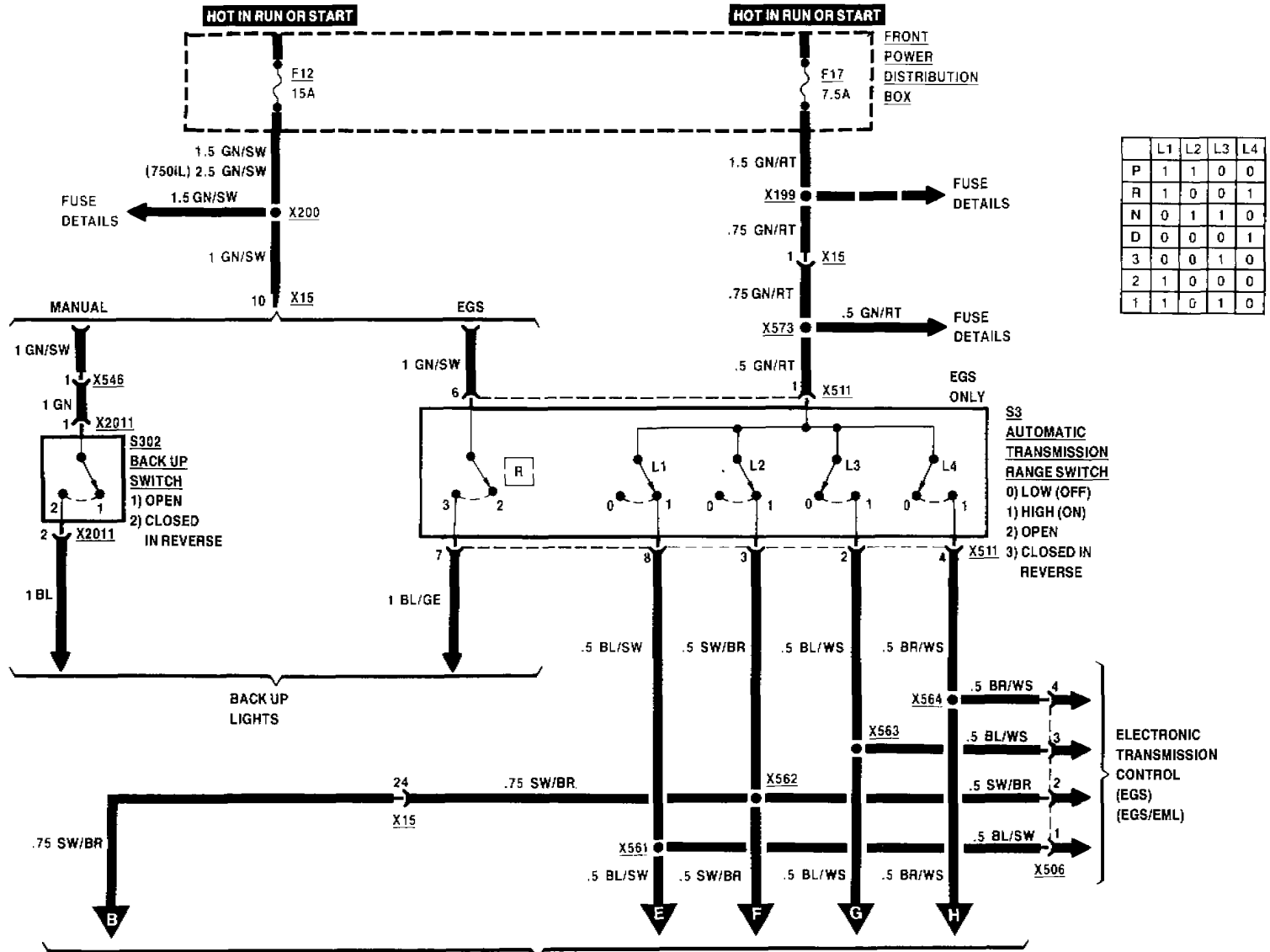
1991





INSTRUMENT CLUSTER/CHECK CONTROL

GEAR INDICATOR

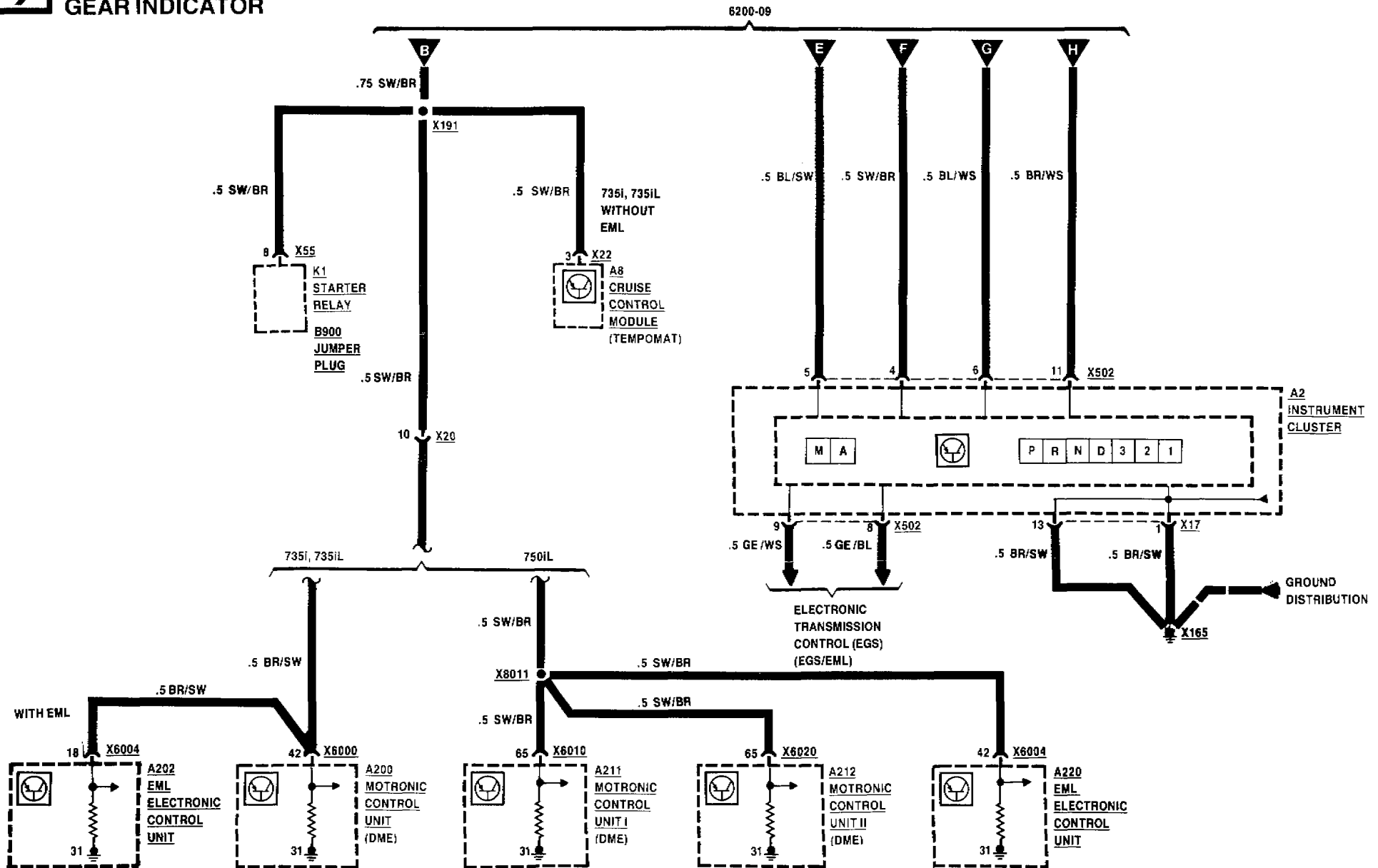


6200-10



INSTRUMENT CLUSTER/CHECK CONTROL

GEAR INDICATOR



03/92

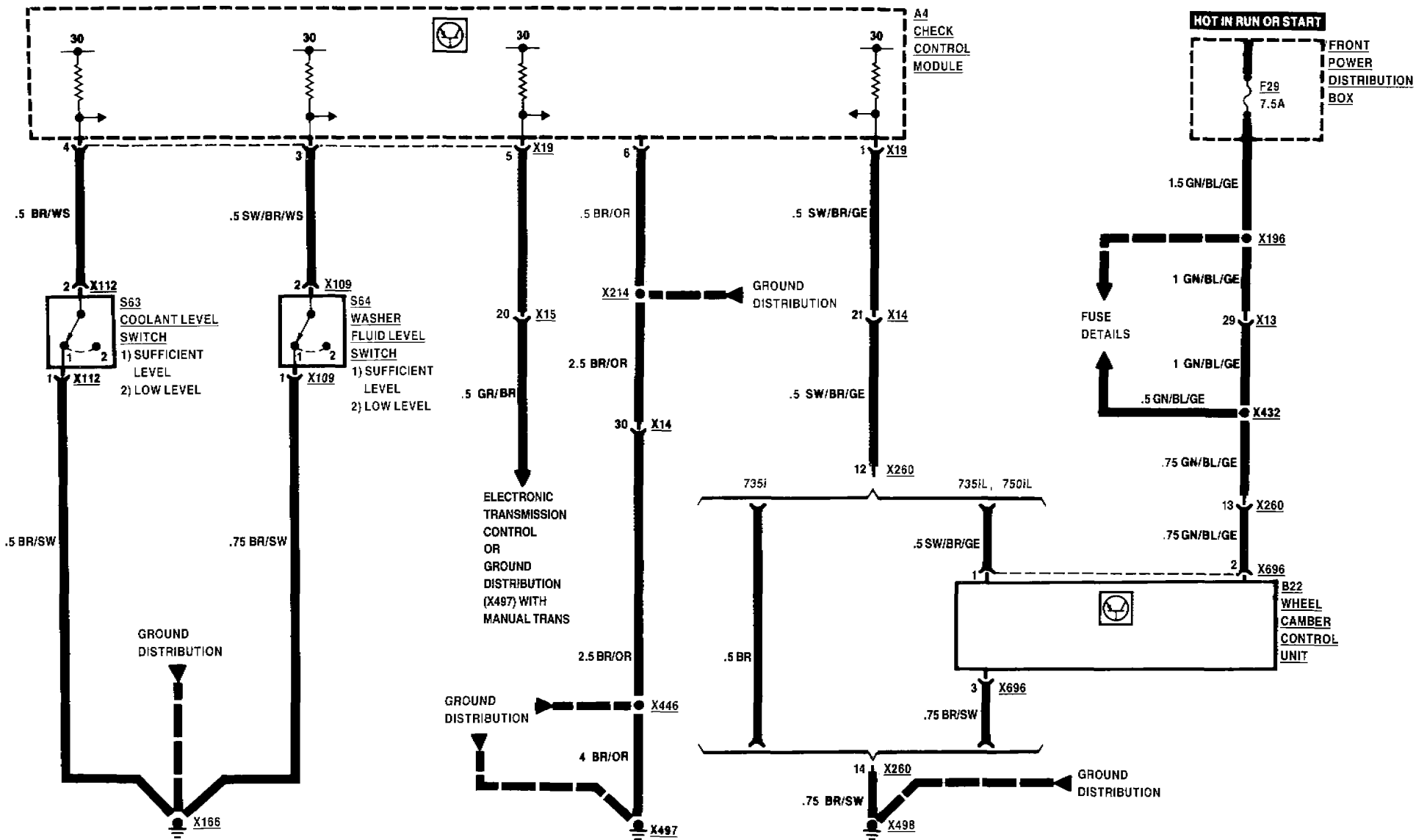
6200-10

1991



INSTRUMENT CLUSTER/CHECK CONTROL

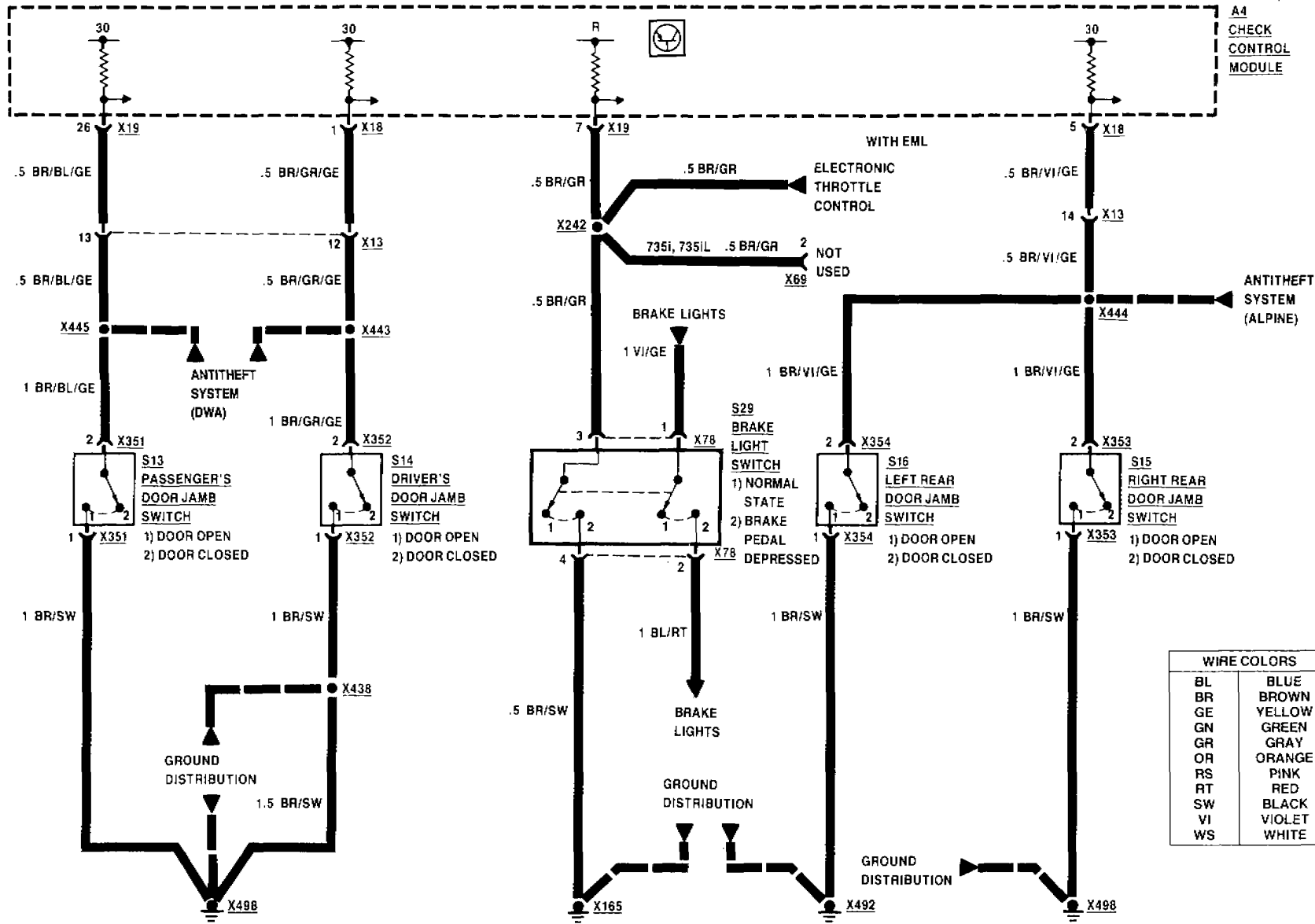
CHECK CONTROL





INSTRUMENT CLUSTER/CHECK CONTROL

CHECK CONTROL



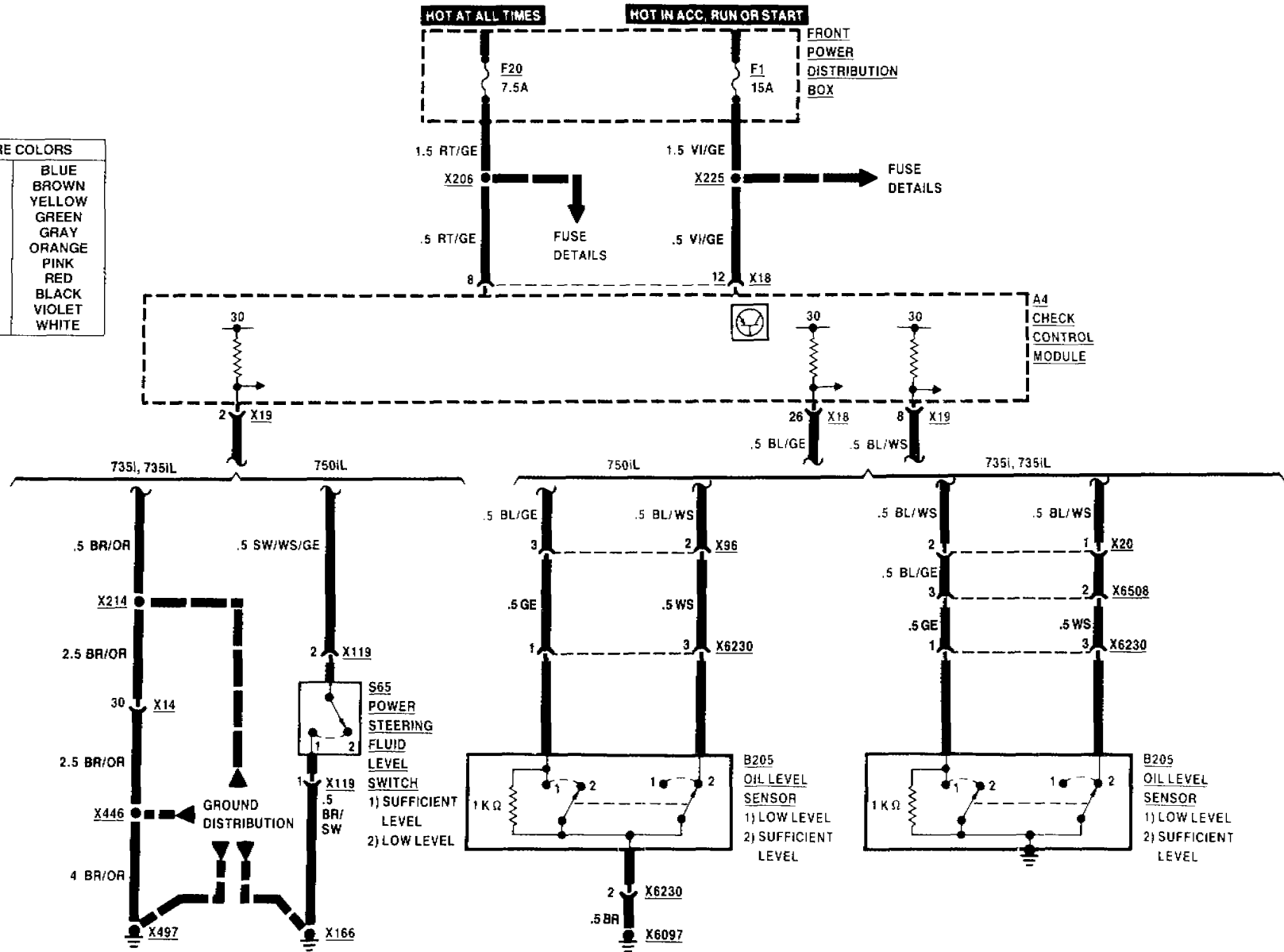
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|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



INSTRUMENT CLUSTER/CHECK CONTROL

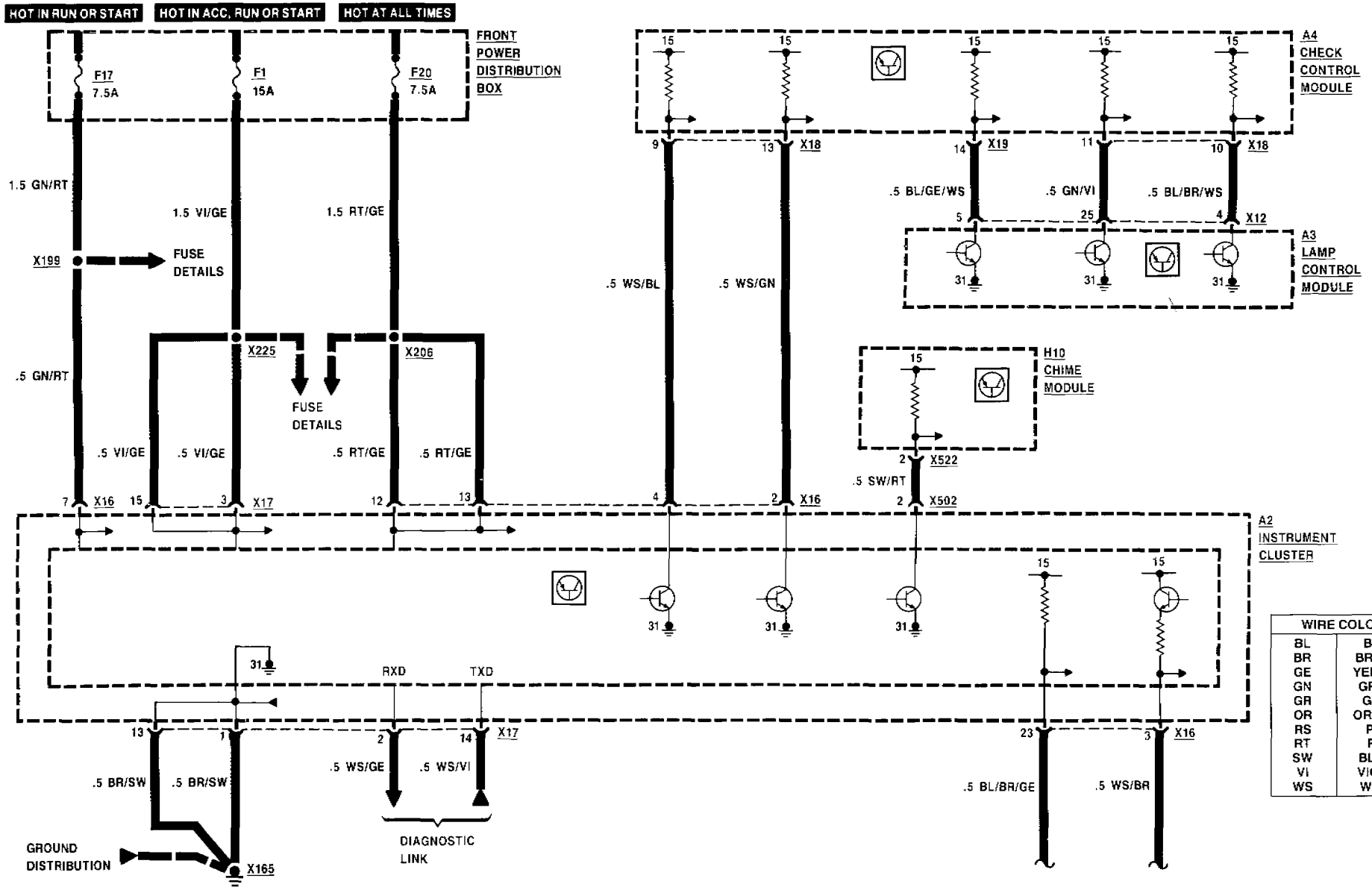
CHECK CONTROL

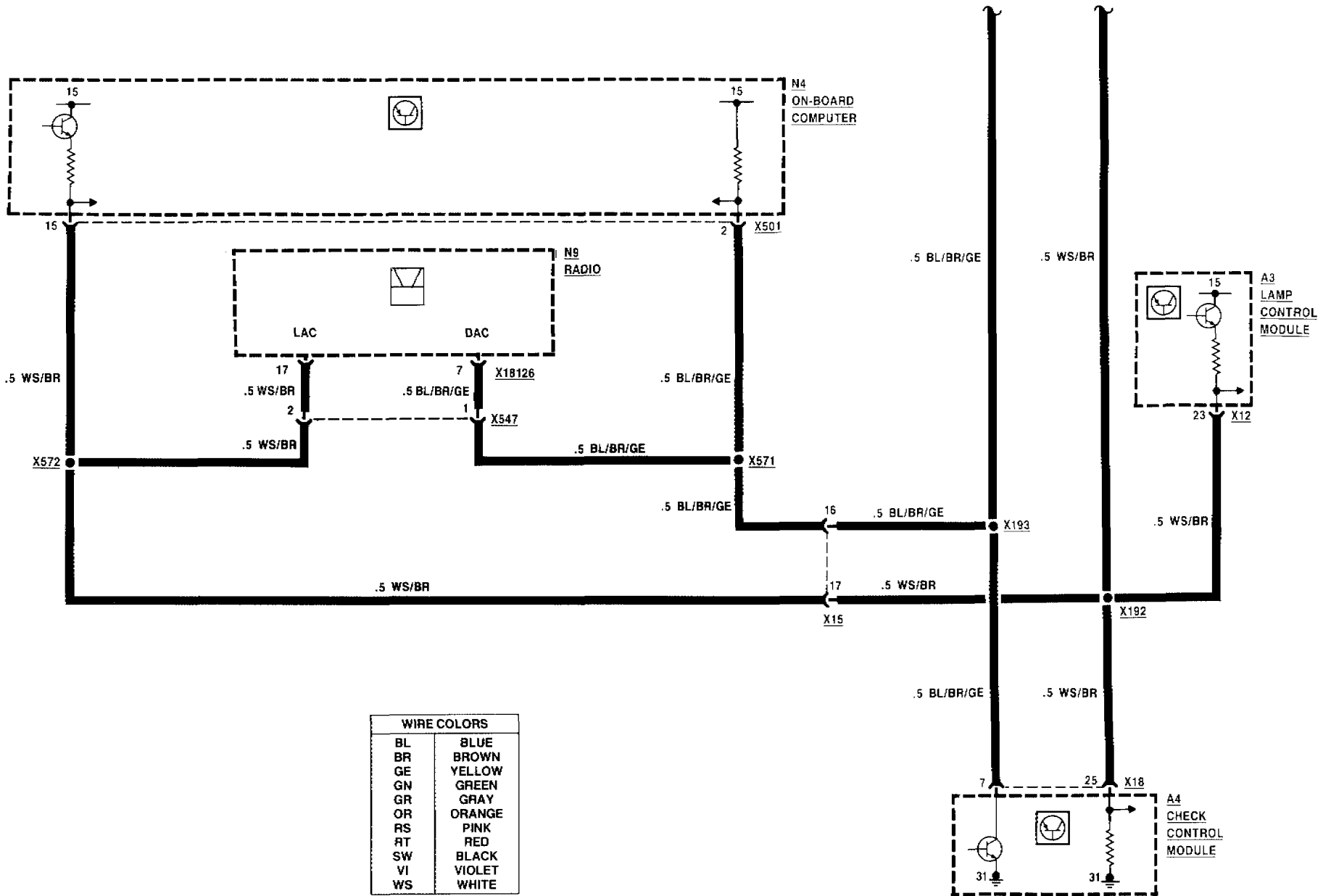
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





INSTRUMENT CLUSTER/CHECK CONTROL DATA LINK







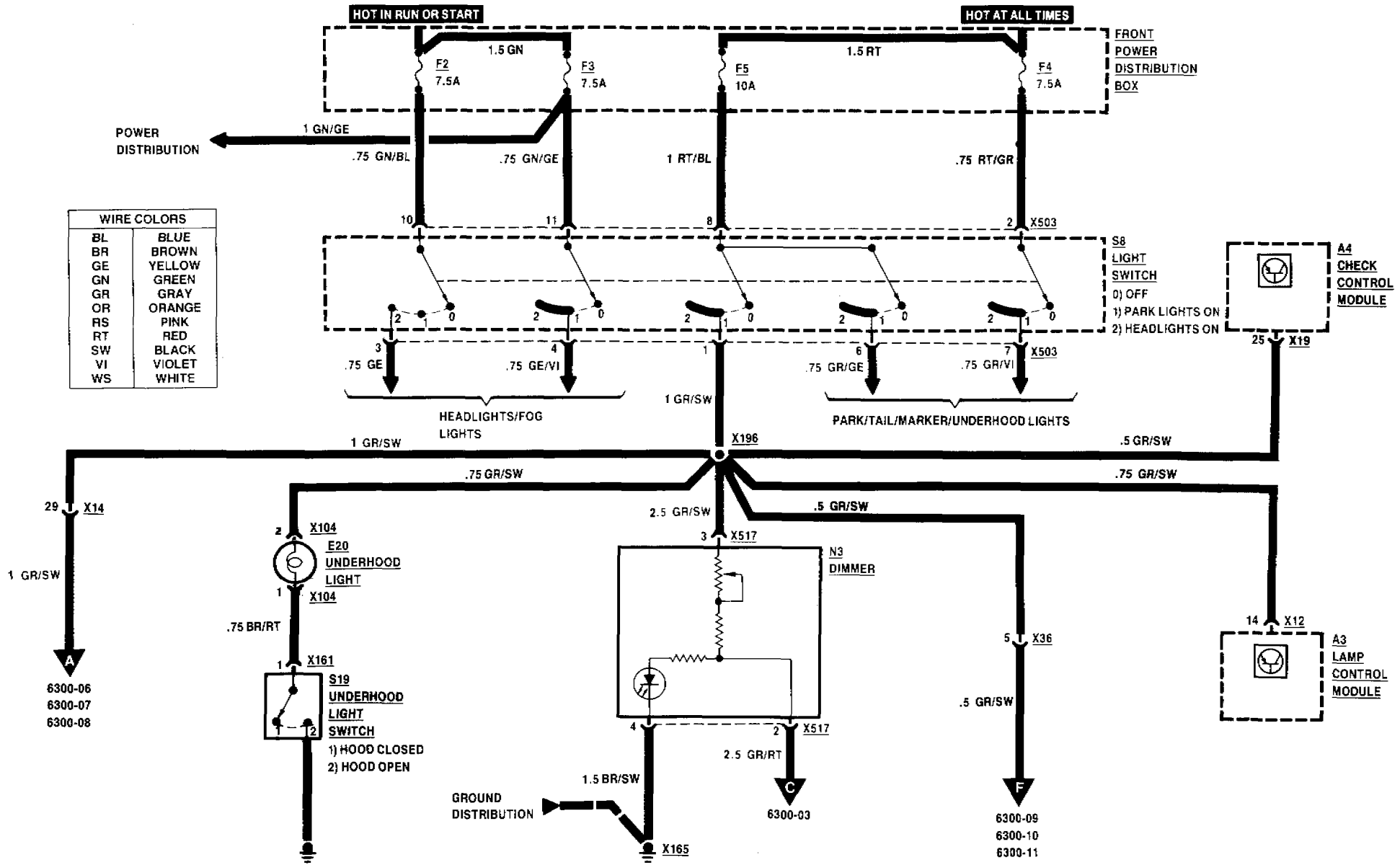
LIGHT SWITCH DETAILS

U.S.A.

03/92

6300-02

1991

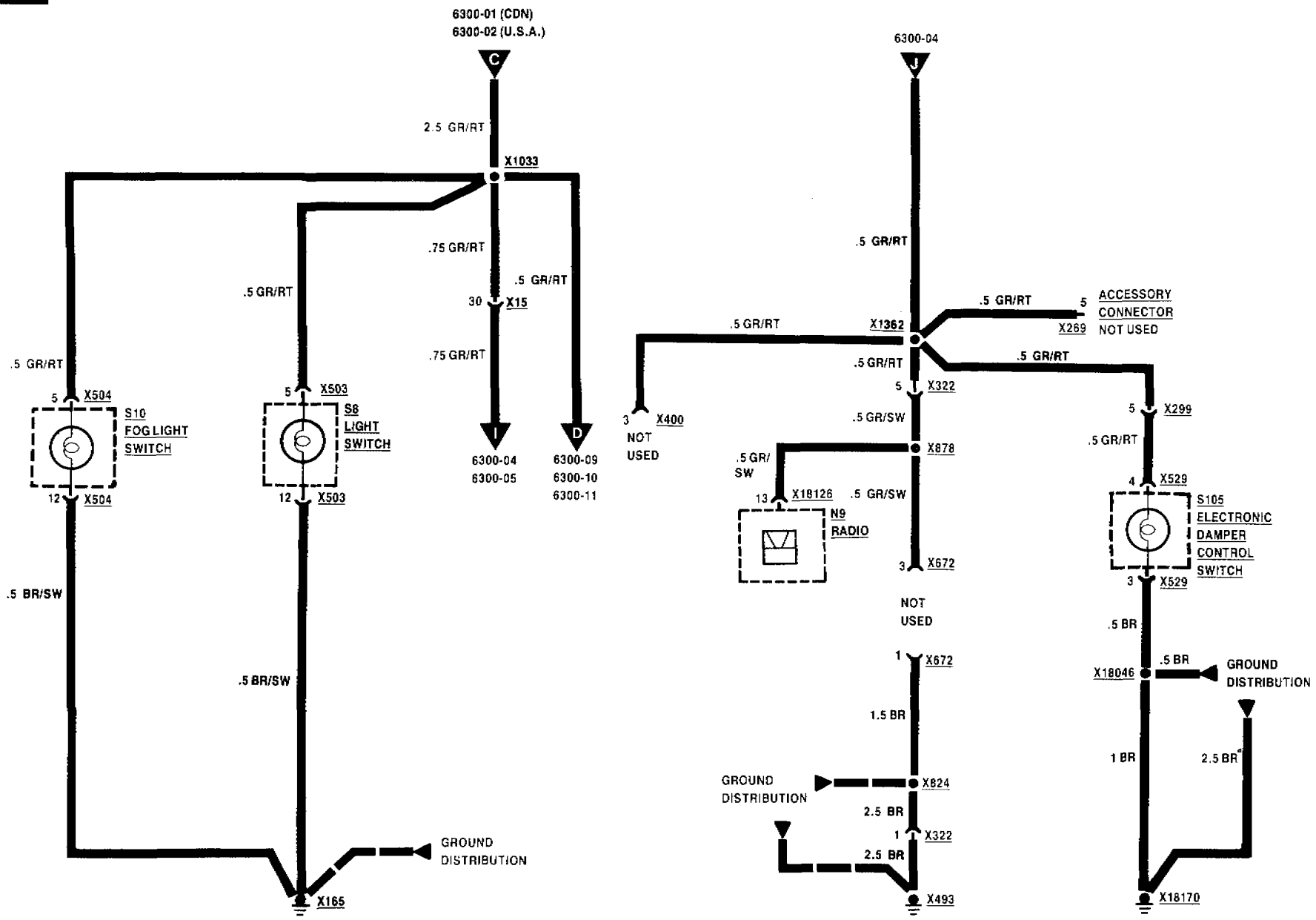


6300-06
6300-07
6300-08

6300-09
6300-10
6300-11

6300-03

BMW 7 LIGHT SWITCH DETAILS



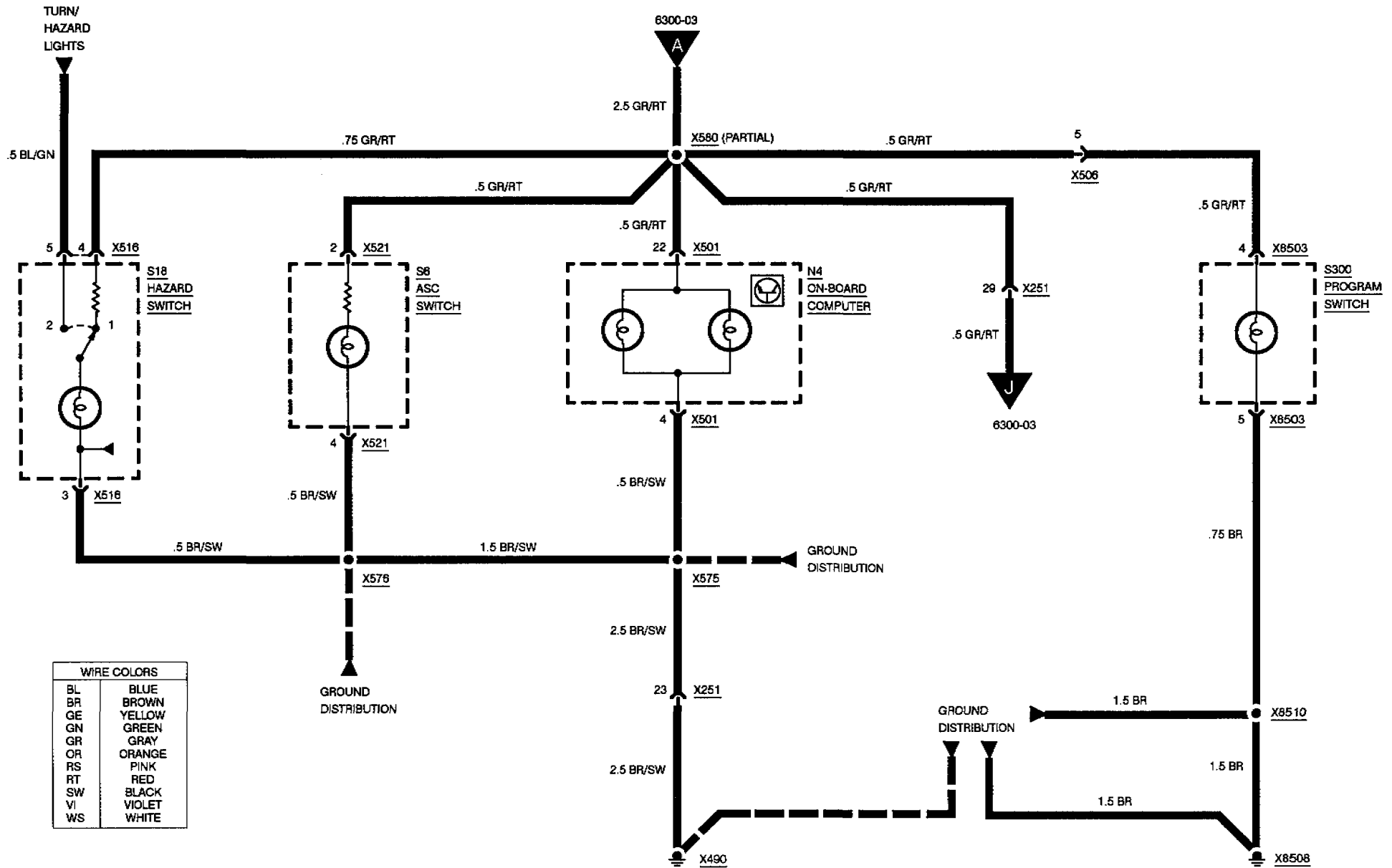
03/92

6300-03

1991



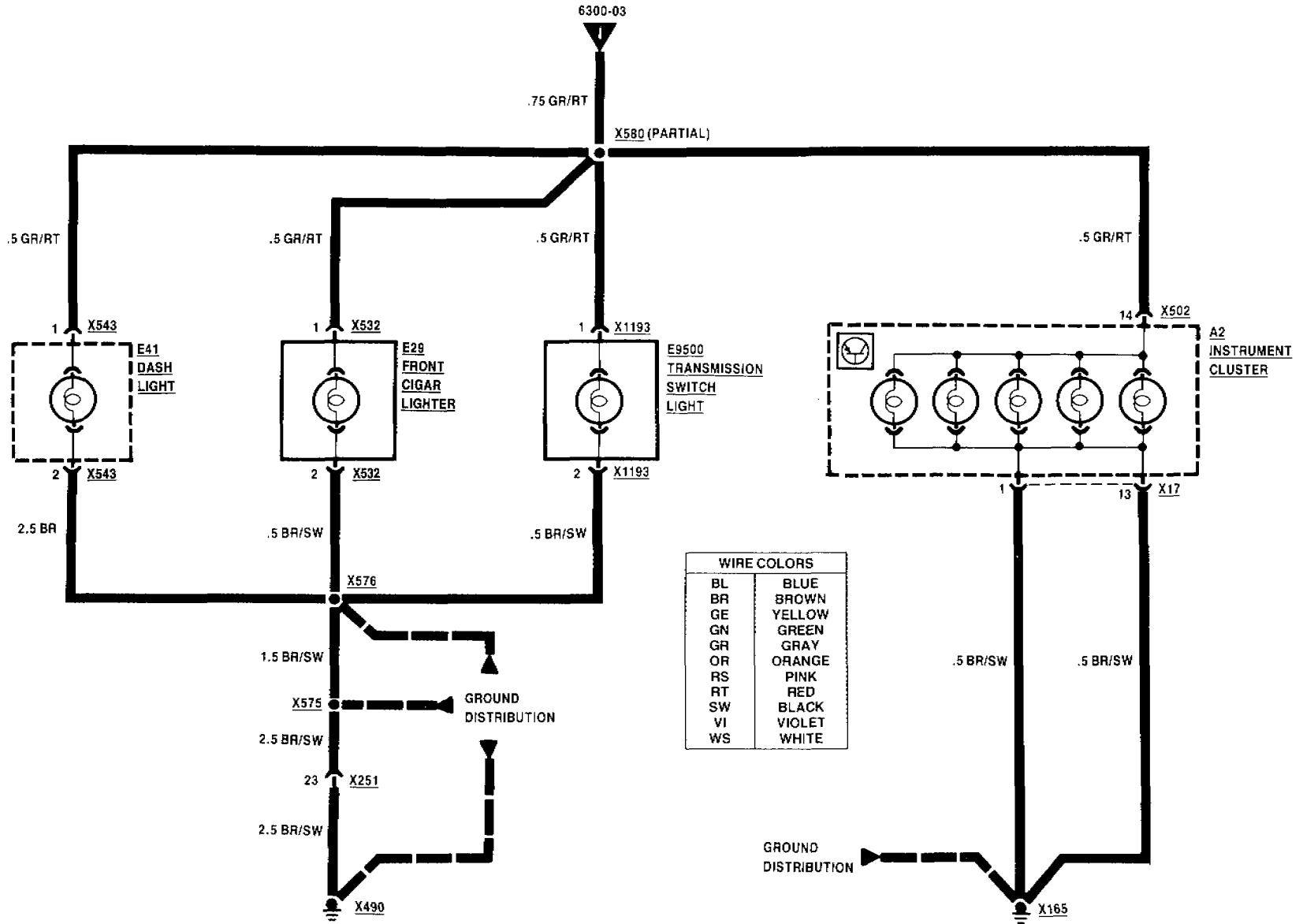
LIGHT SWITCH DETAILS



| 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



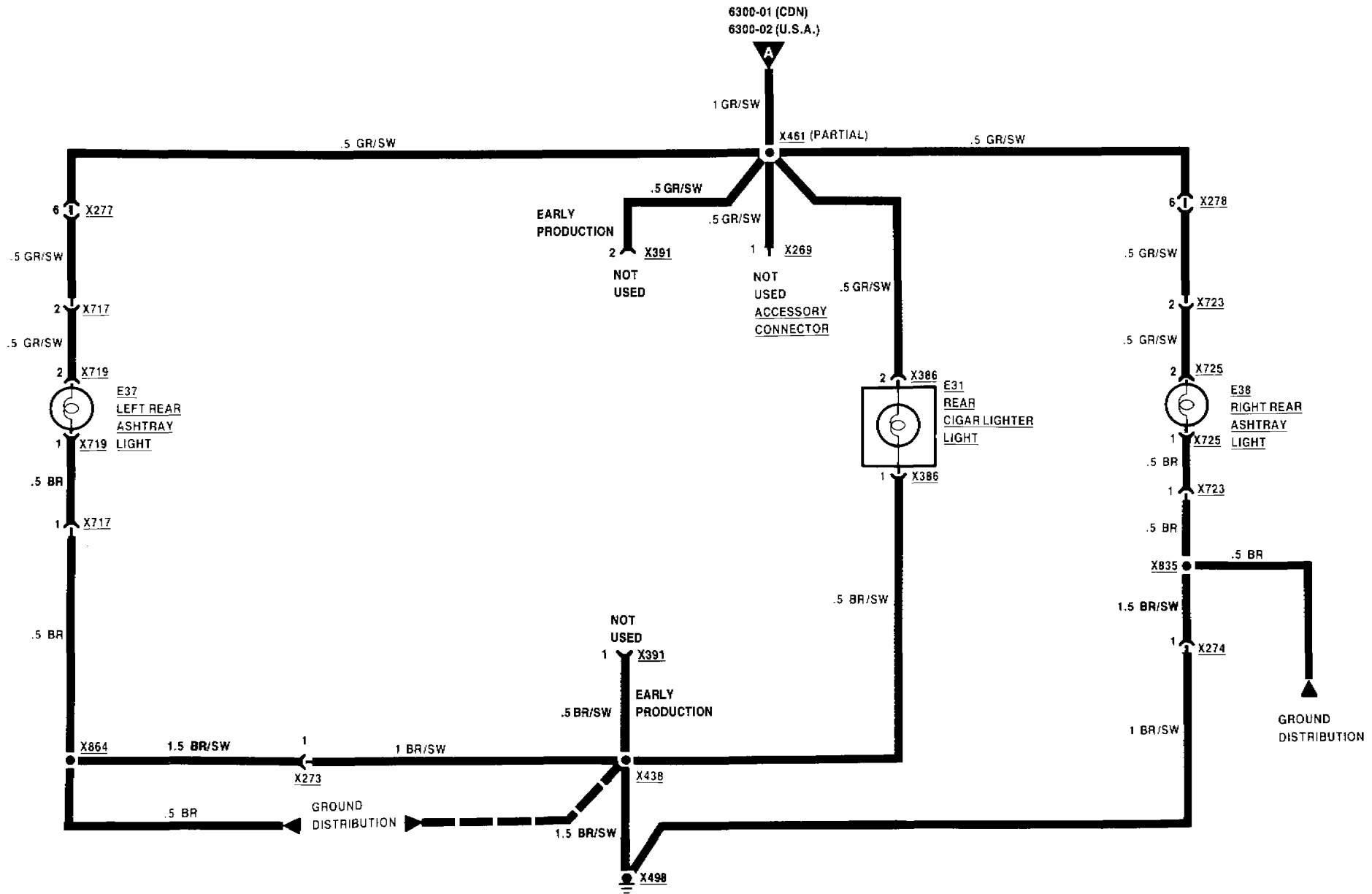
03/92

6300-05

1991



LIGHT SWITCH DETAILS



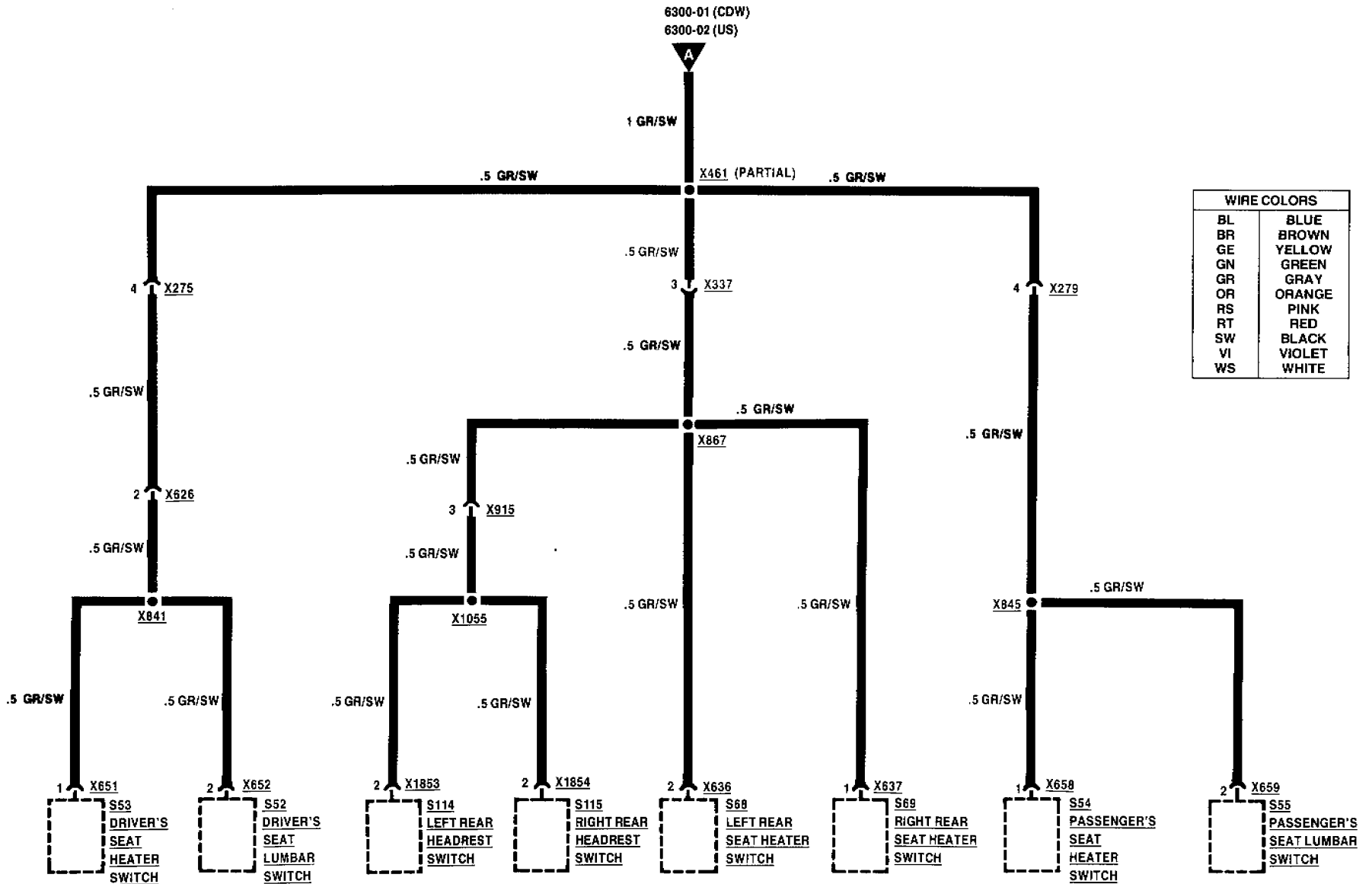
03/92

6300-07

1991



LIGHT SWITCH DETAILS

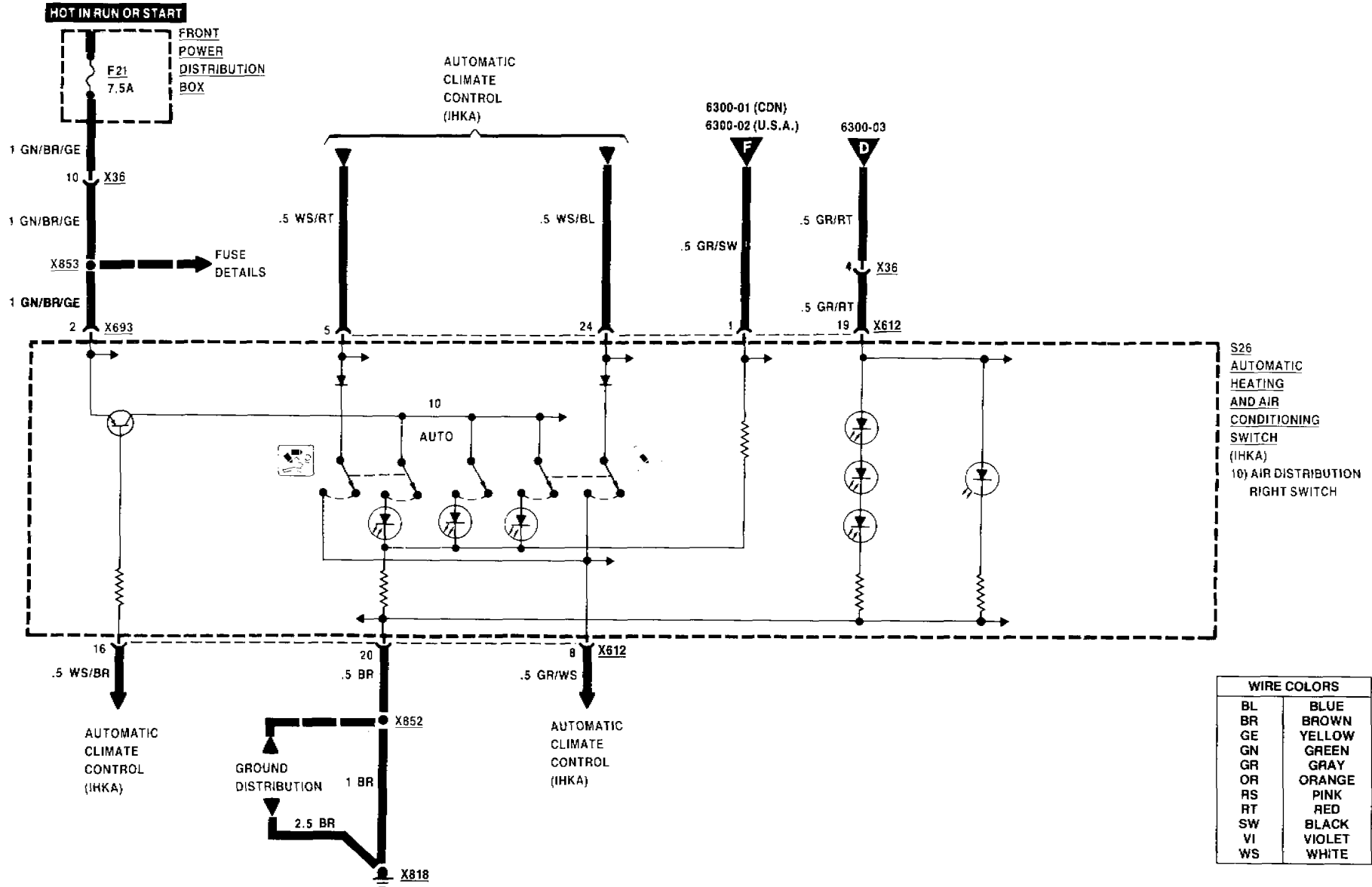


03/92

6300-08

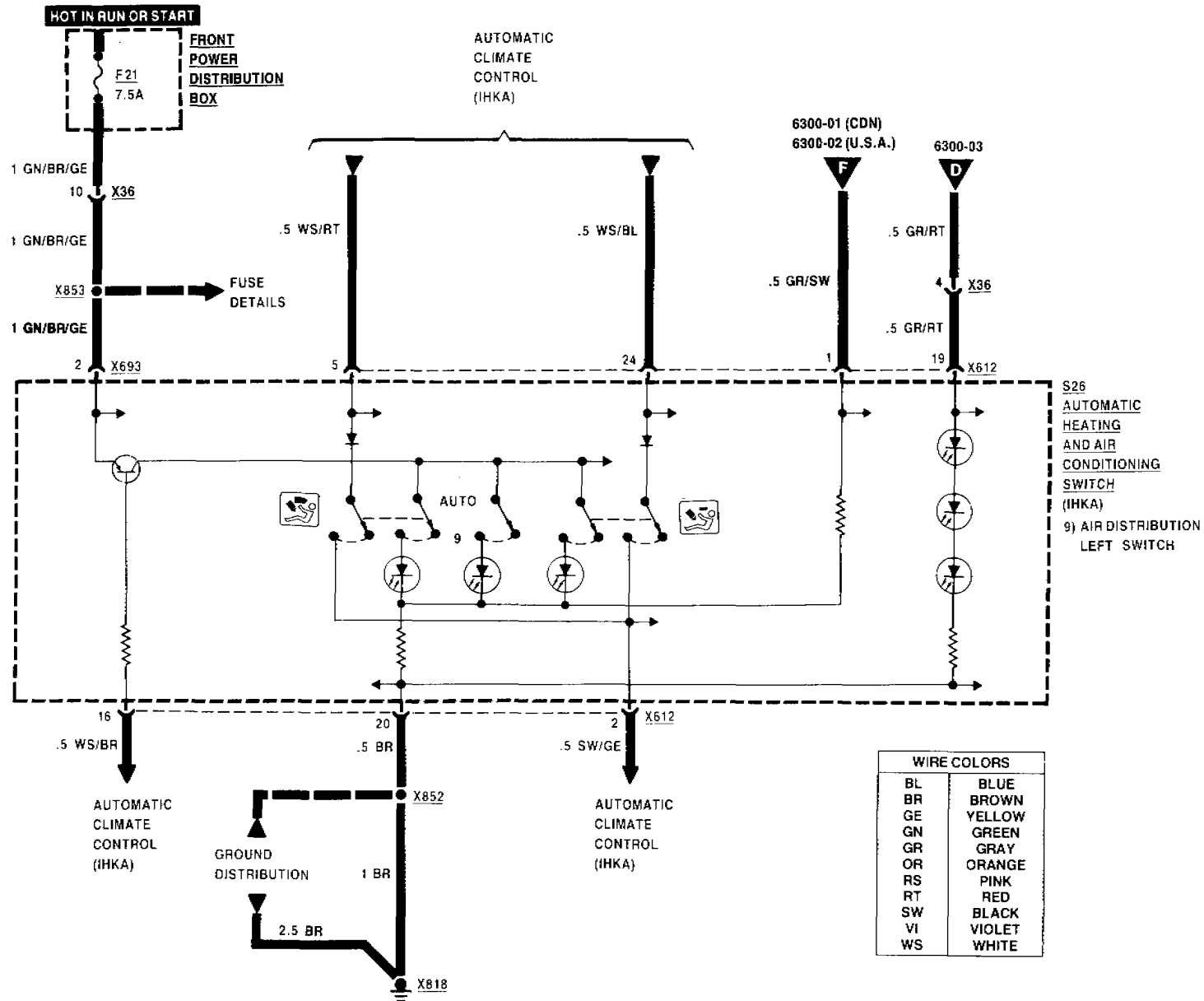
1991

LIGHT SWITCH DETAILS



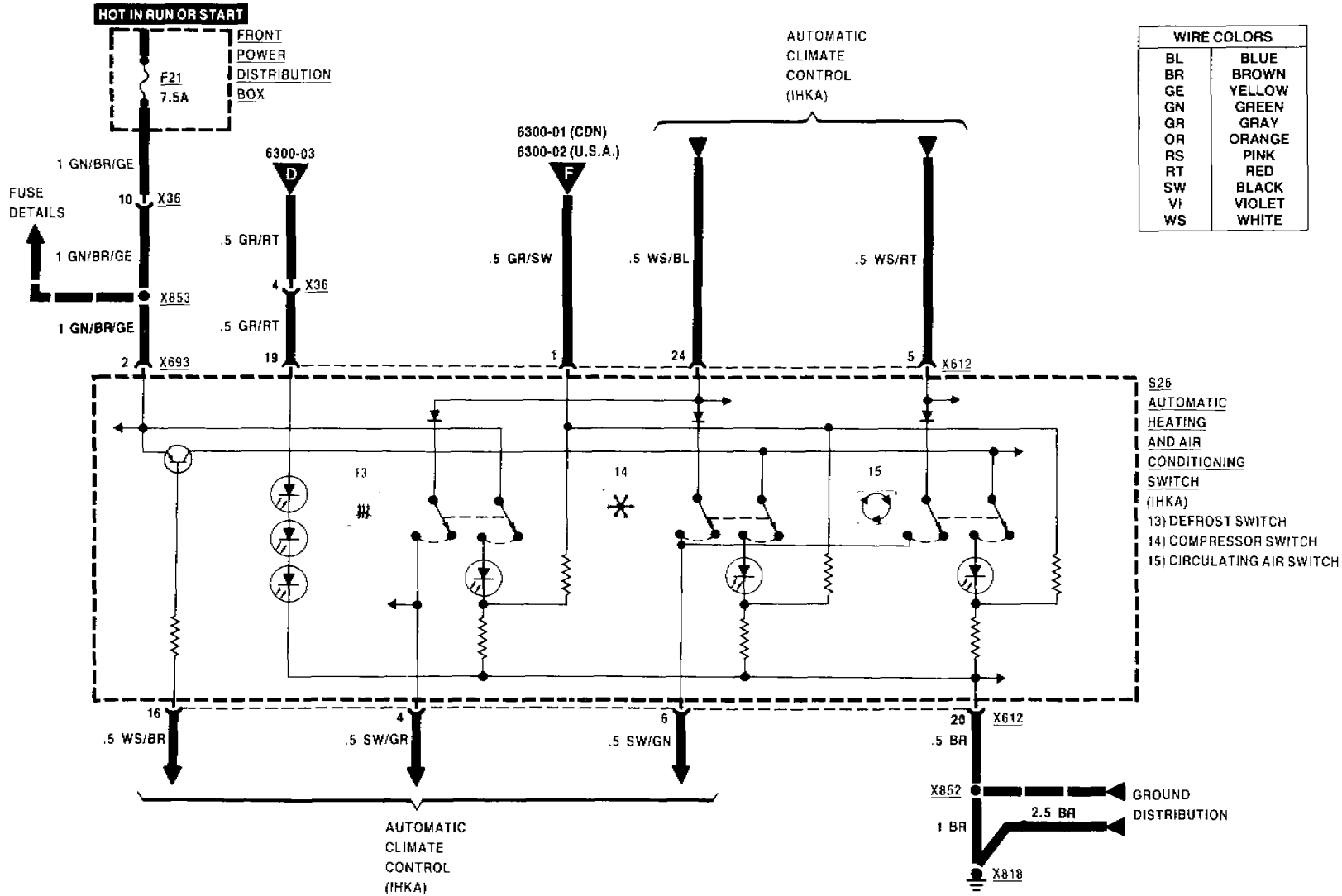


LIGHT SWITCH DETAILS





LIGHT SWITCH DETAILS

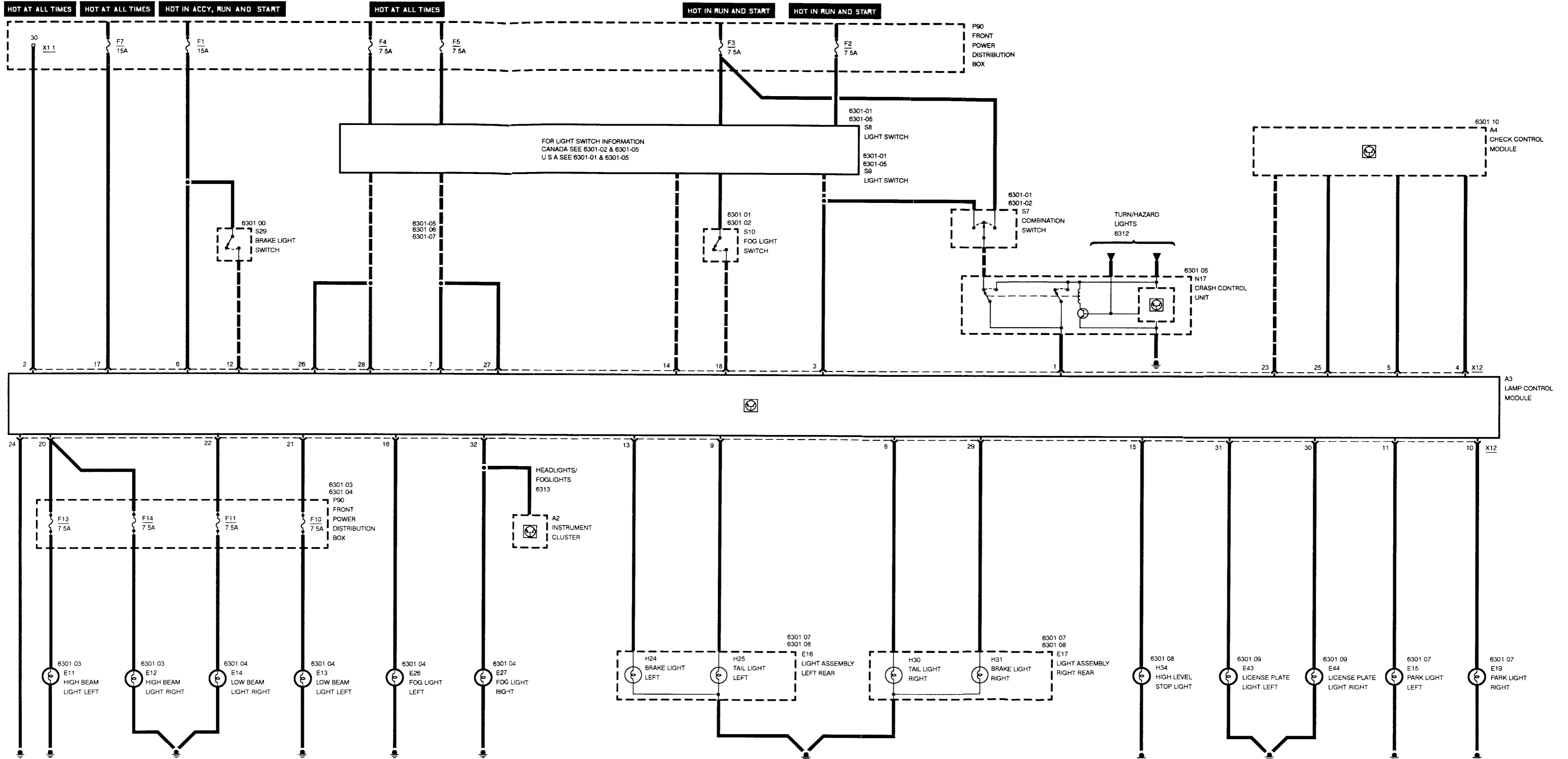


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

03/92

6300-11

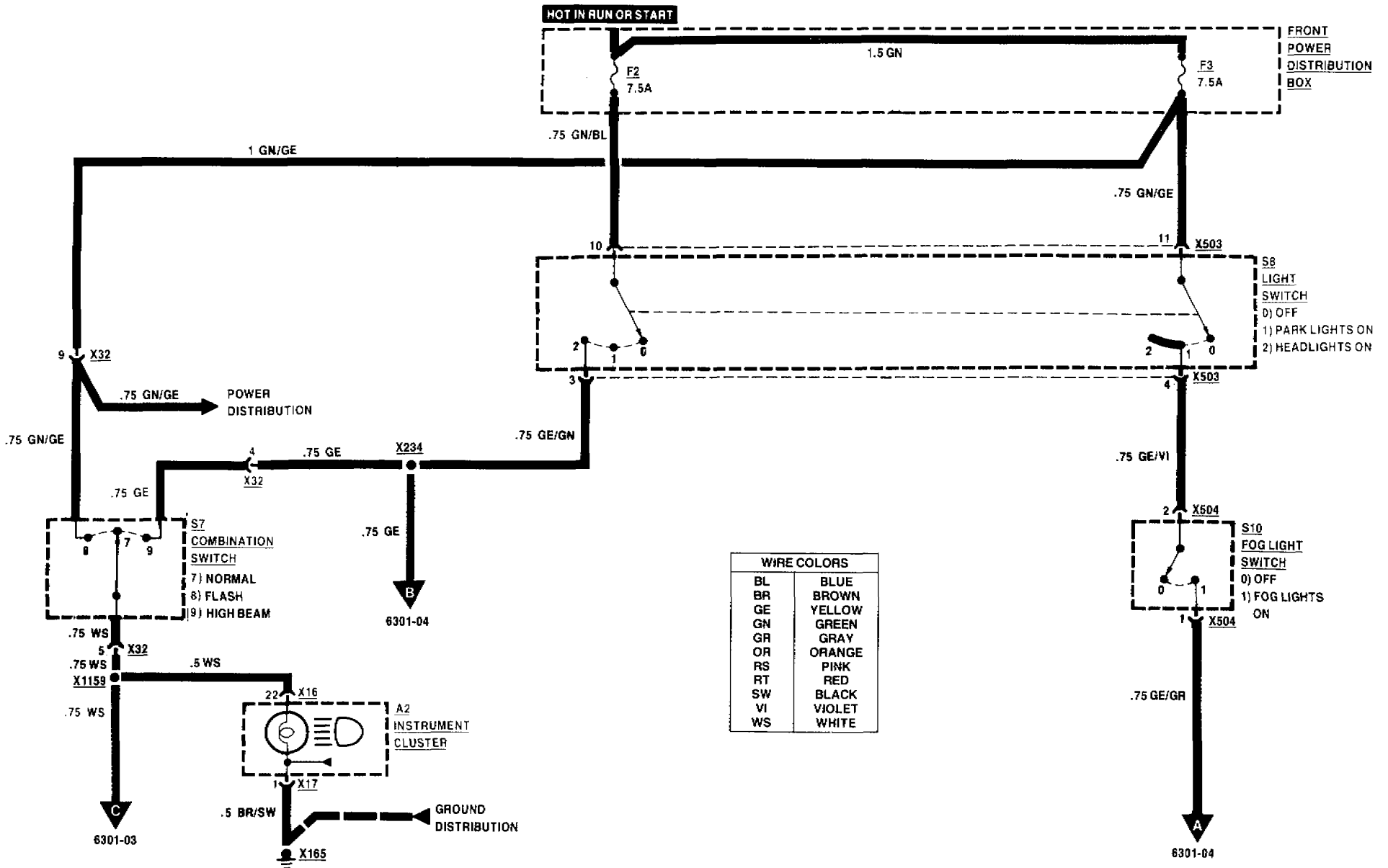
1991





LAMP MONITOR (LKM)

U.S.A.



03/92

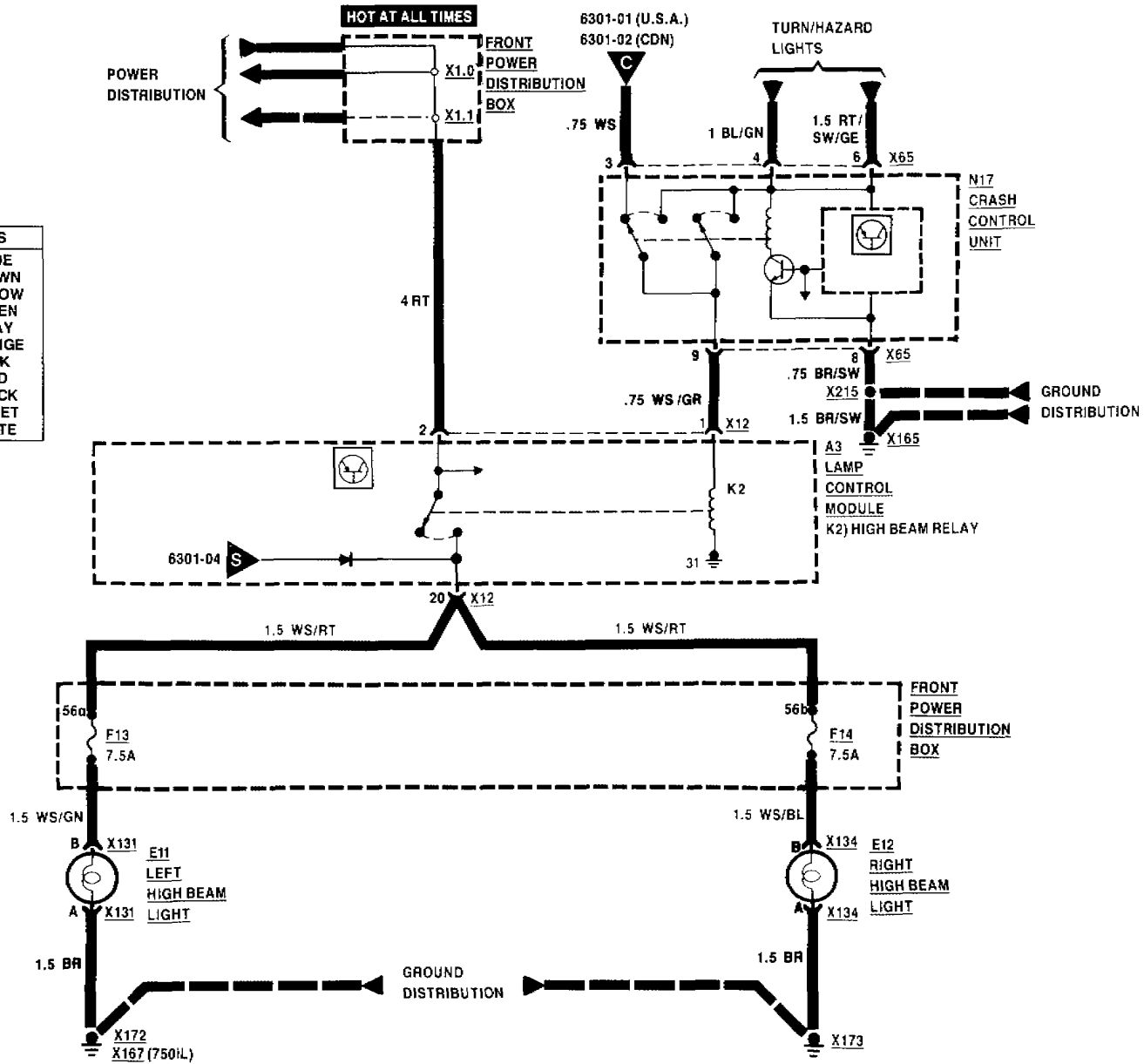
6301-01

1991

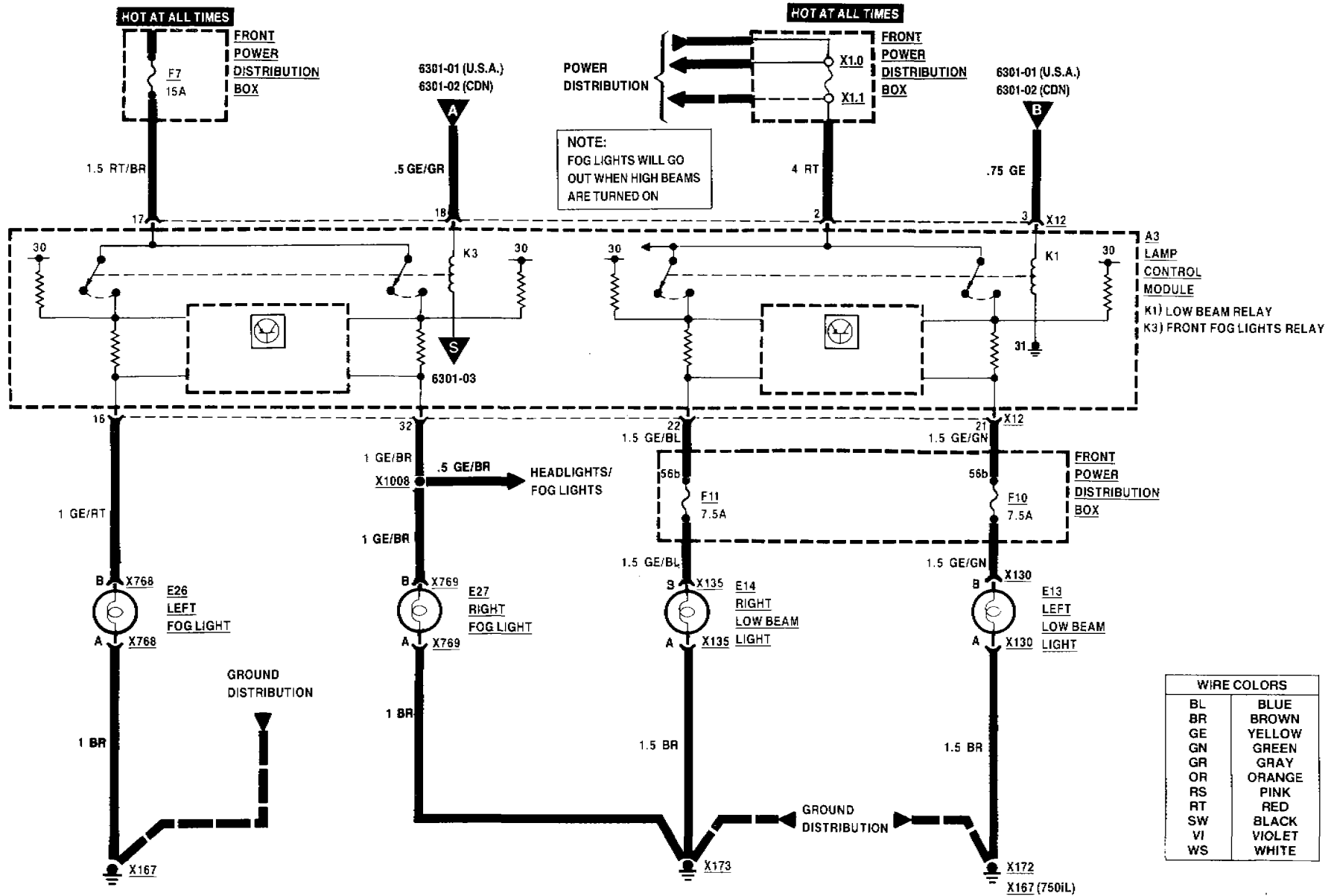


LAMP MONITOR (LKM)

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



LAMP MONITOR (LKM)

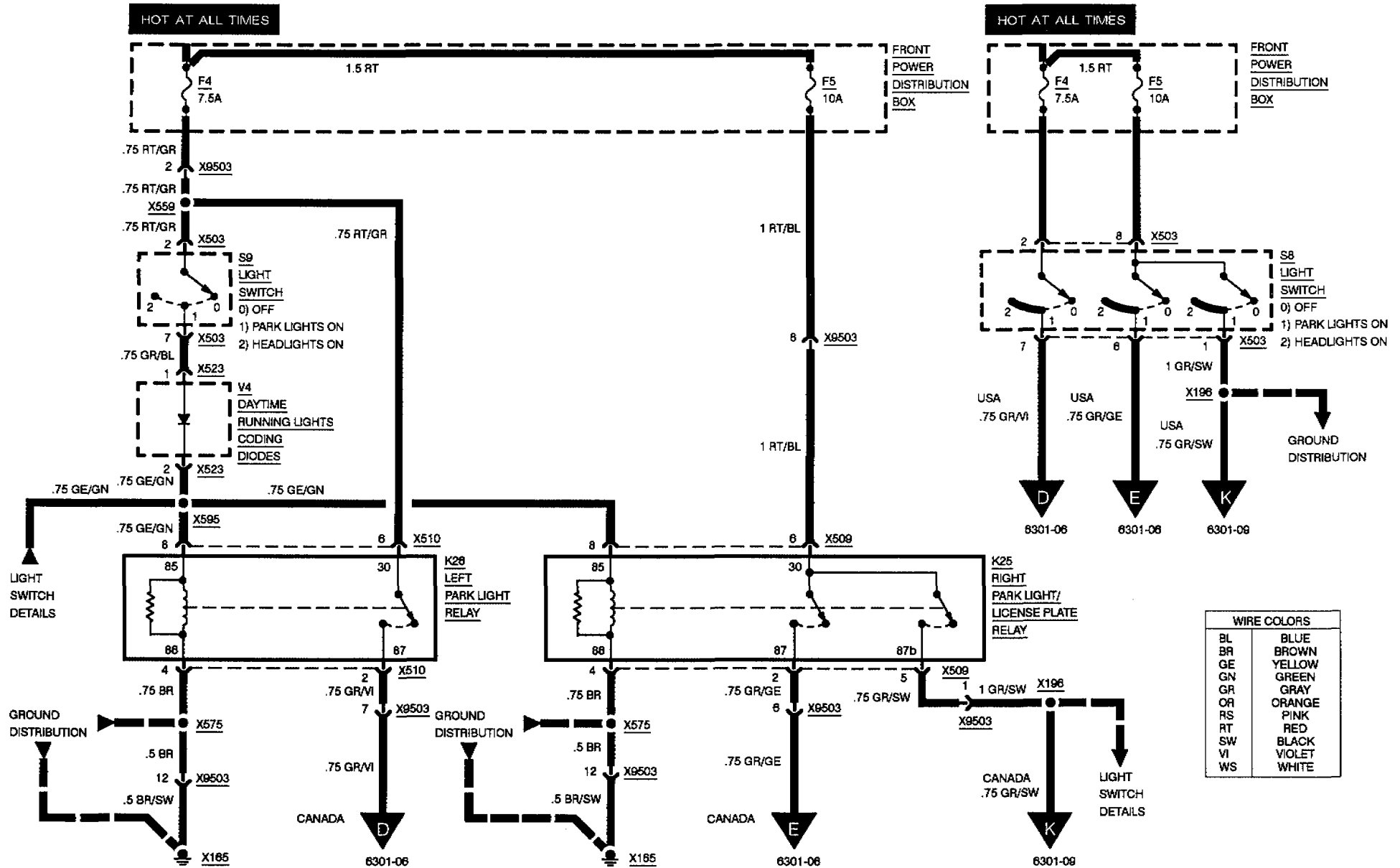


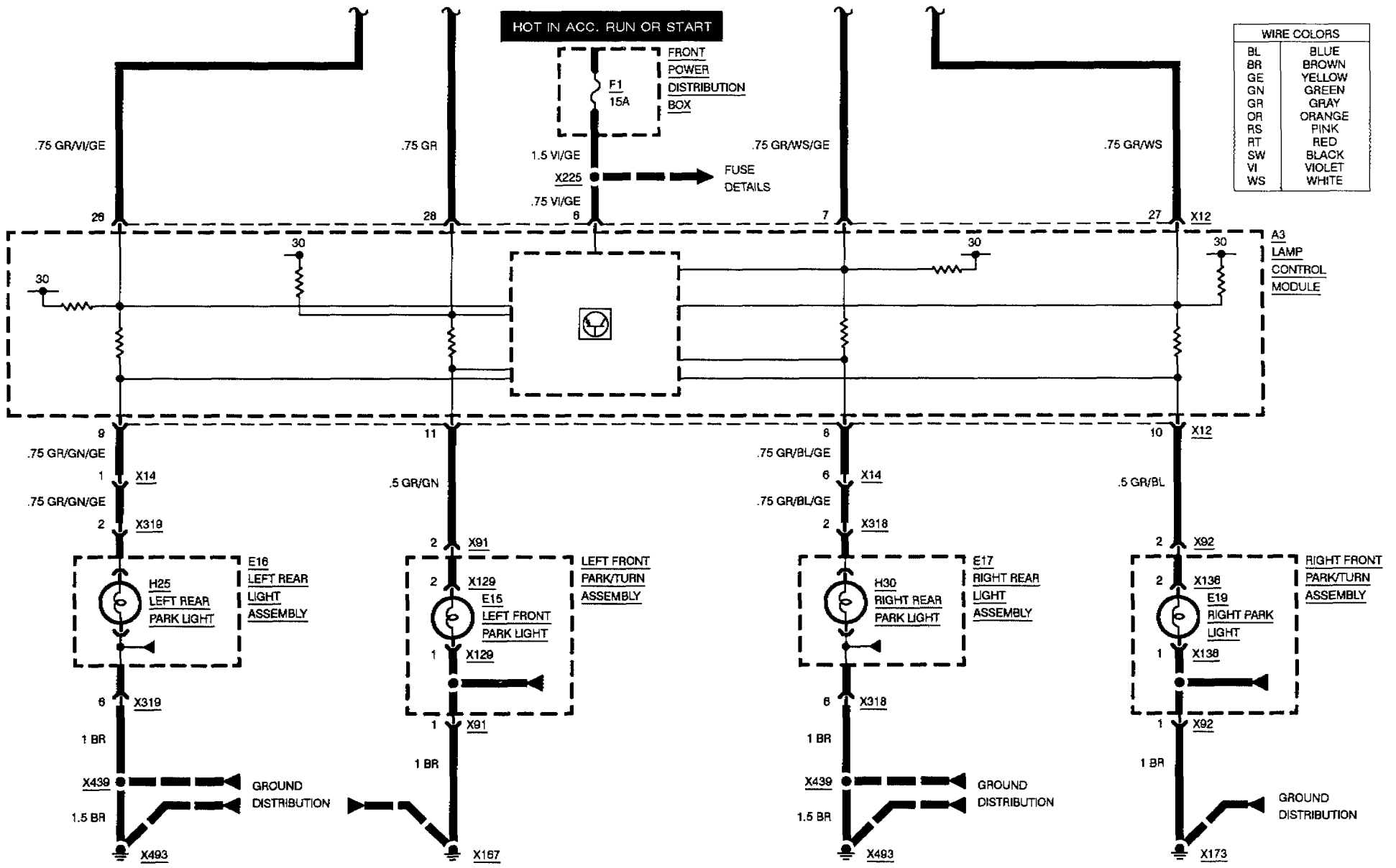


LAMP MONITOR (LKM)

CANADA

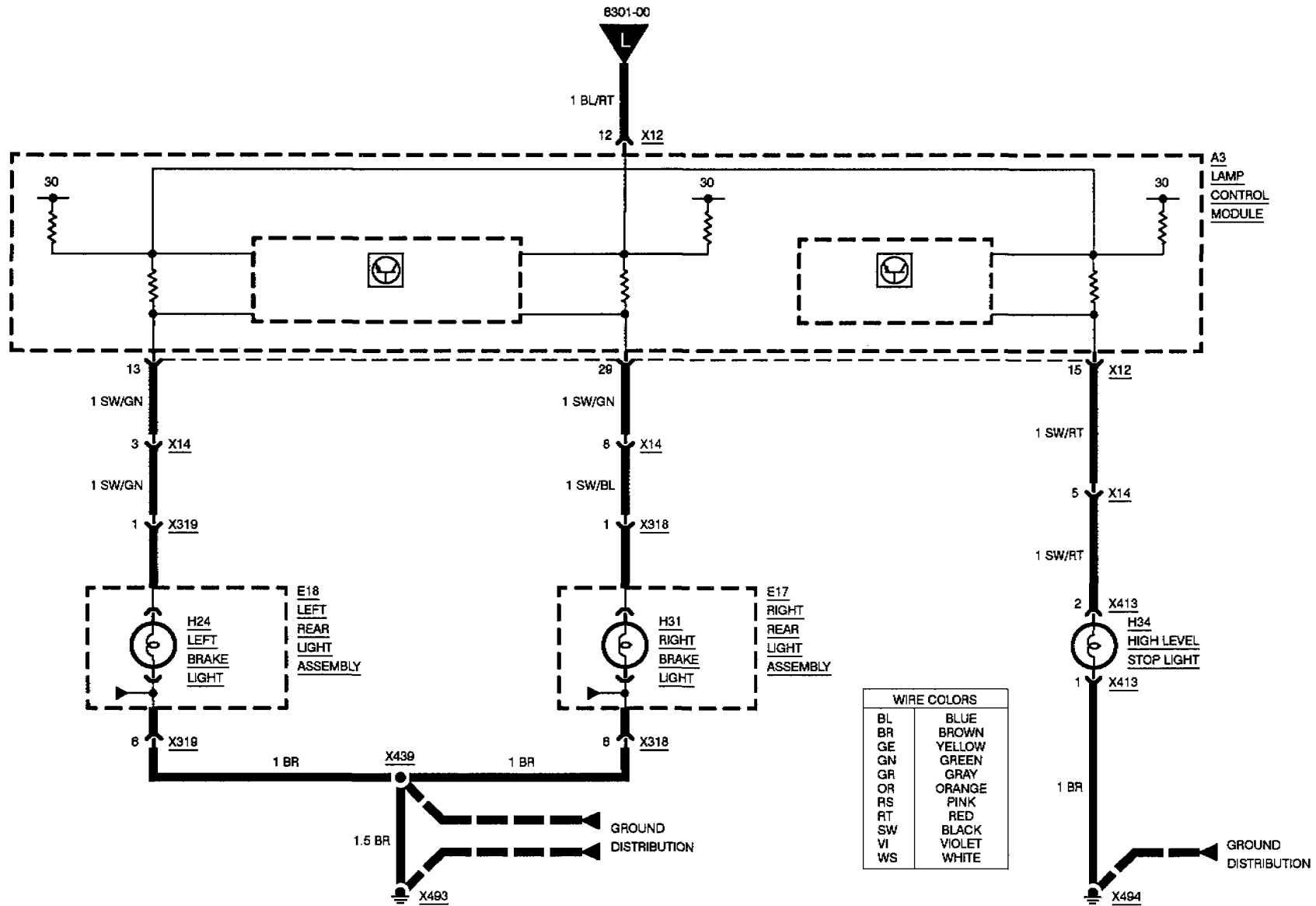
U.S.A.





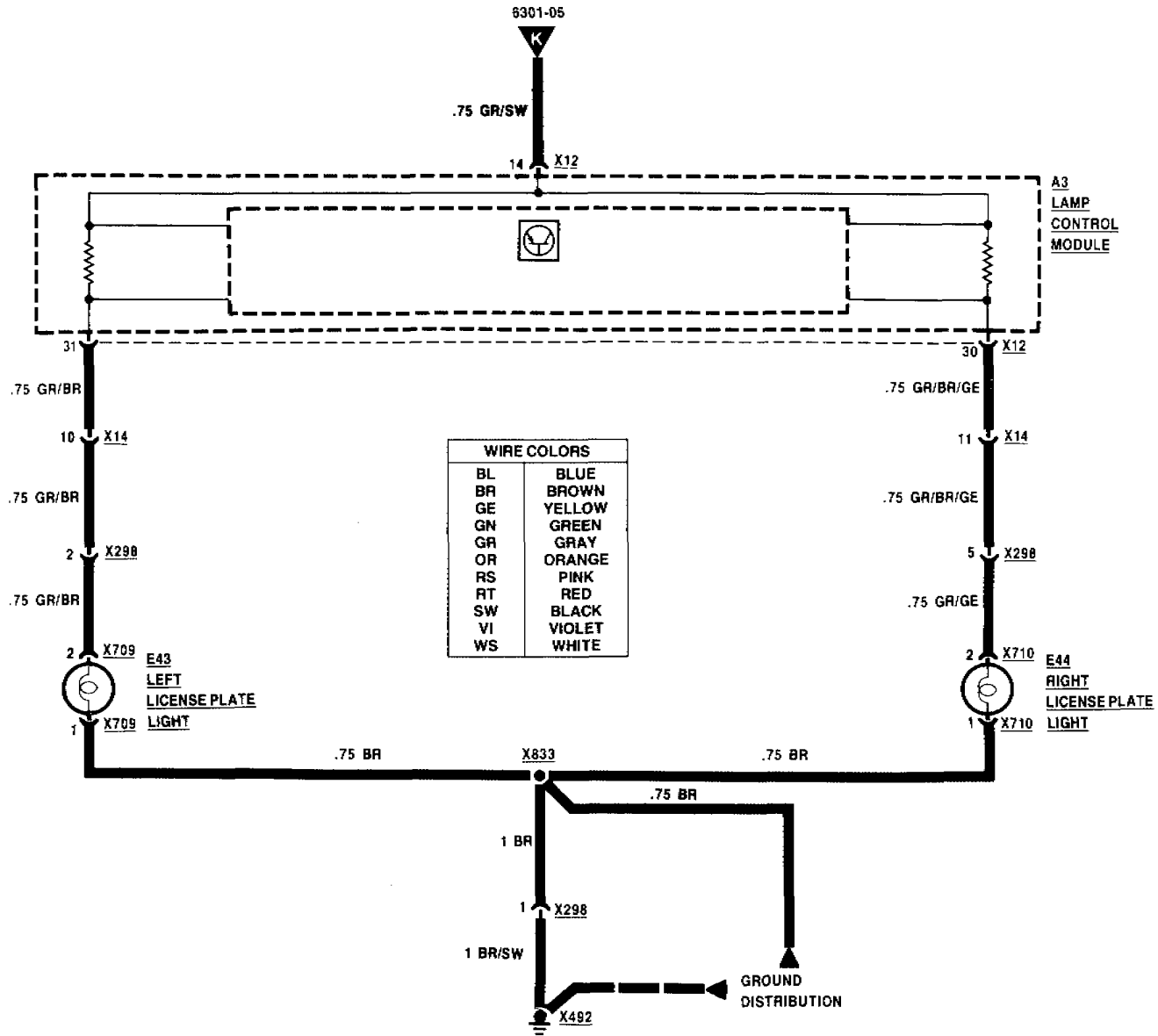


LAMP MONITOR (LKM)



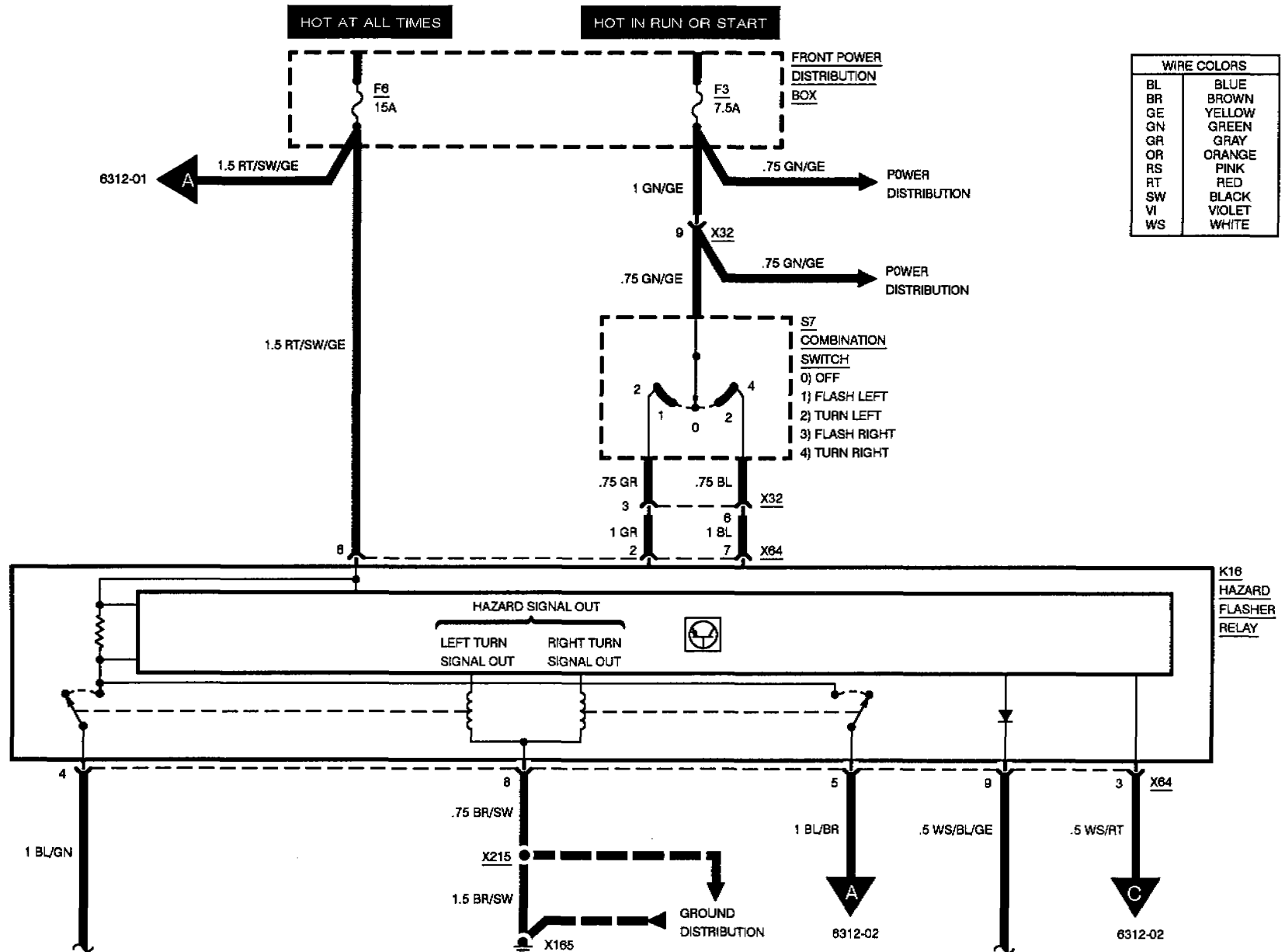


LAMP MONITOR (LKM)



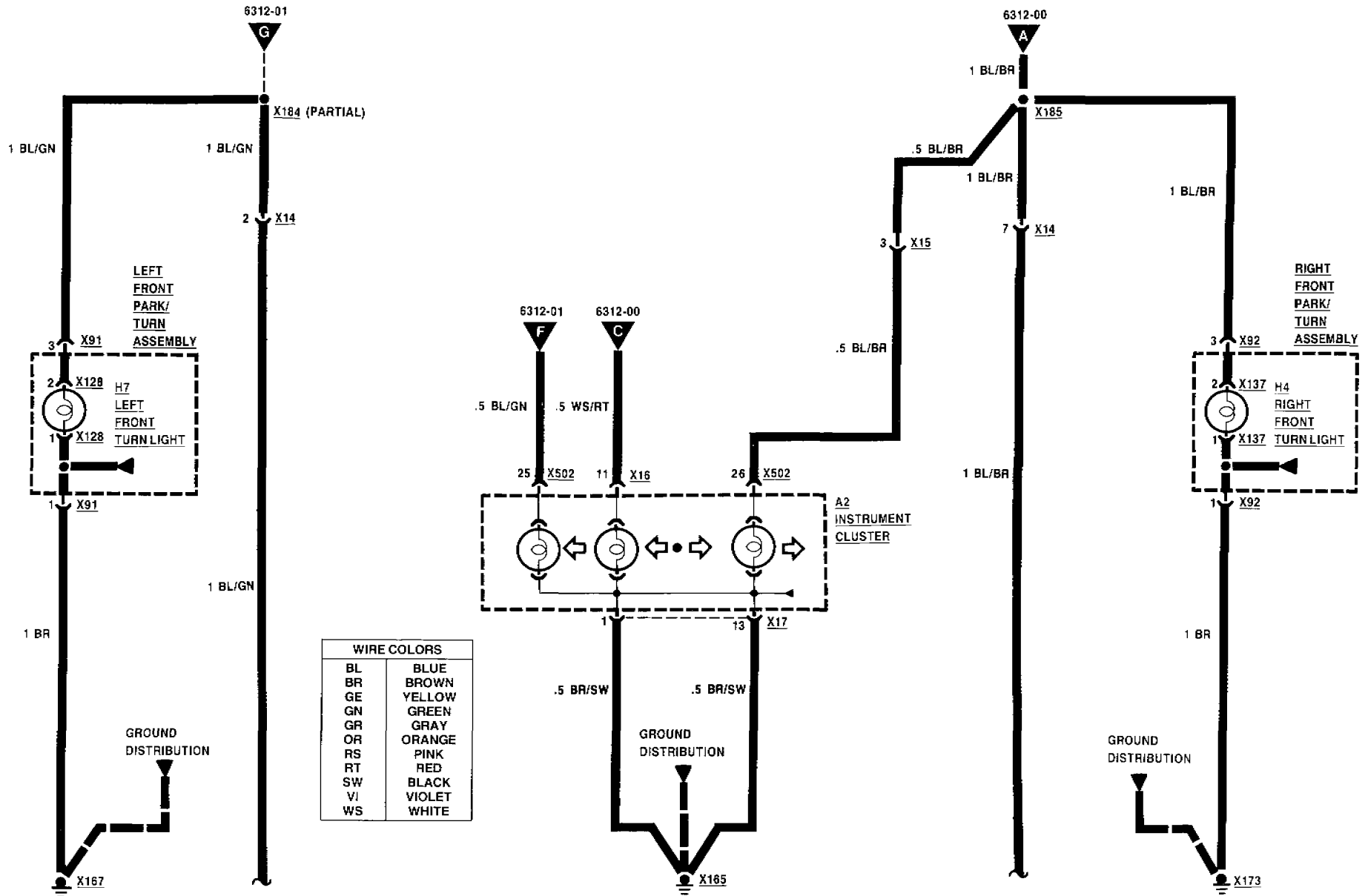


TURN/HAZARD LIGHTS





TURN/HAZARD LIGHTS

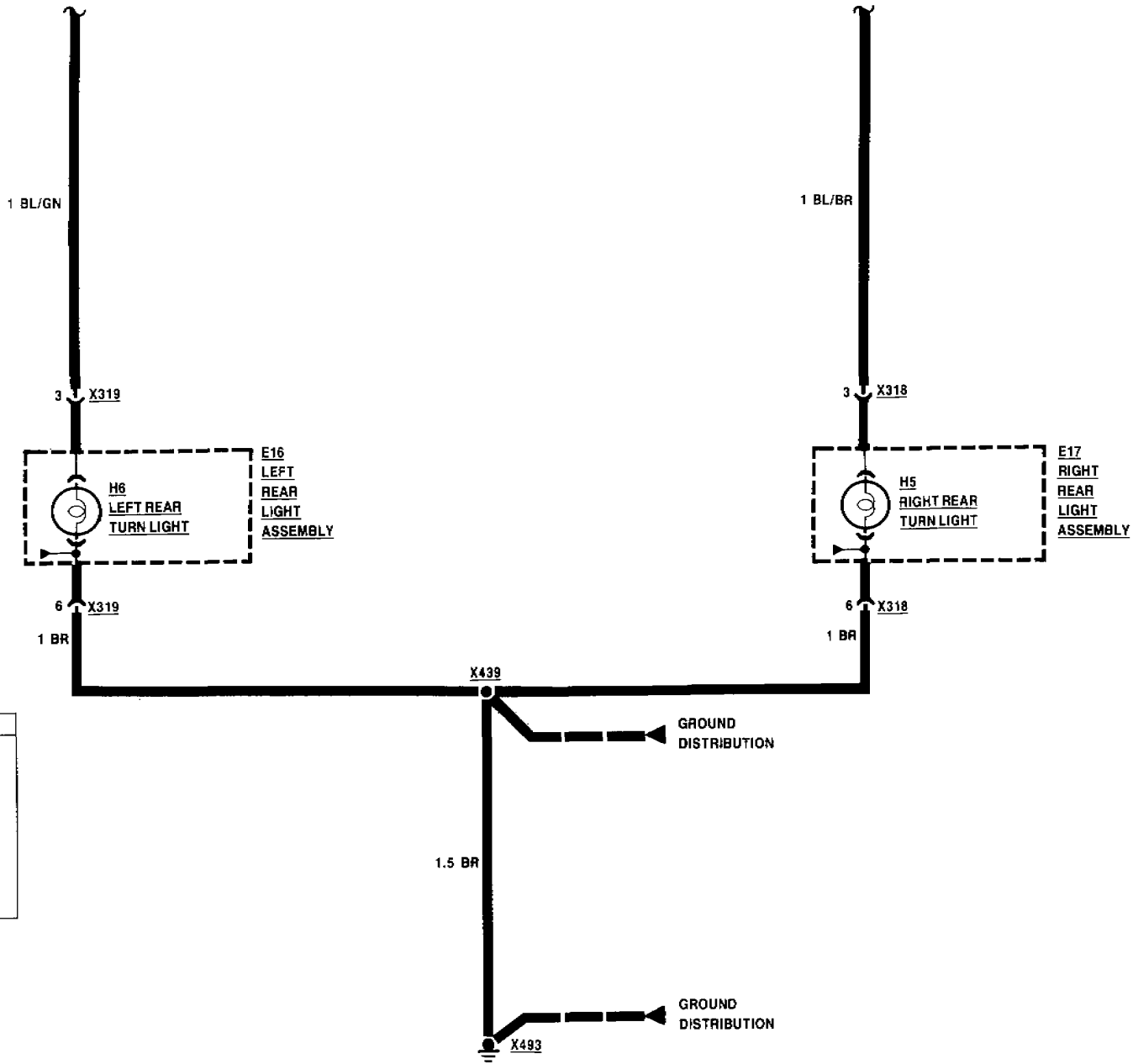


10/90

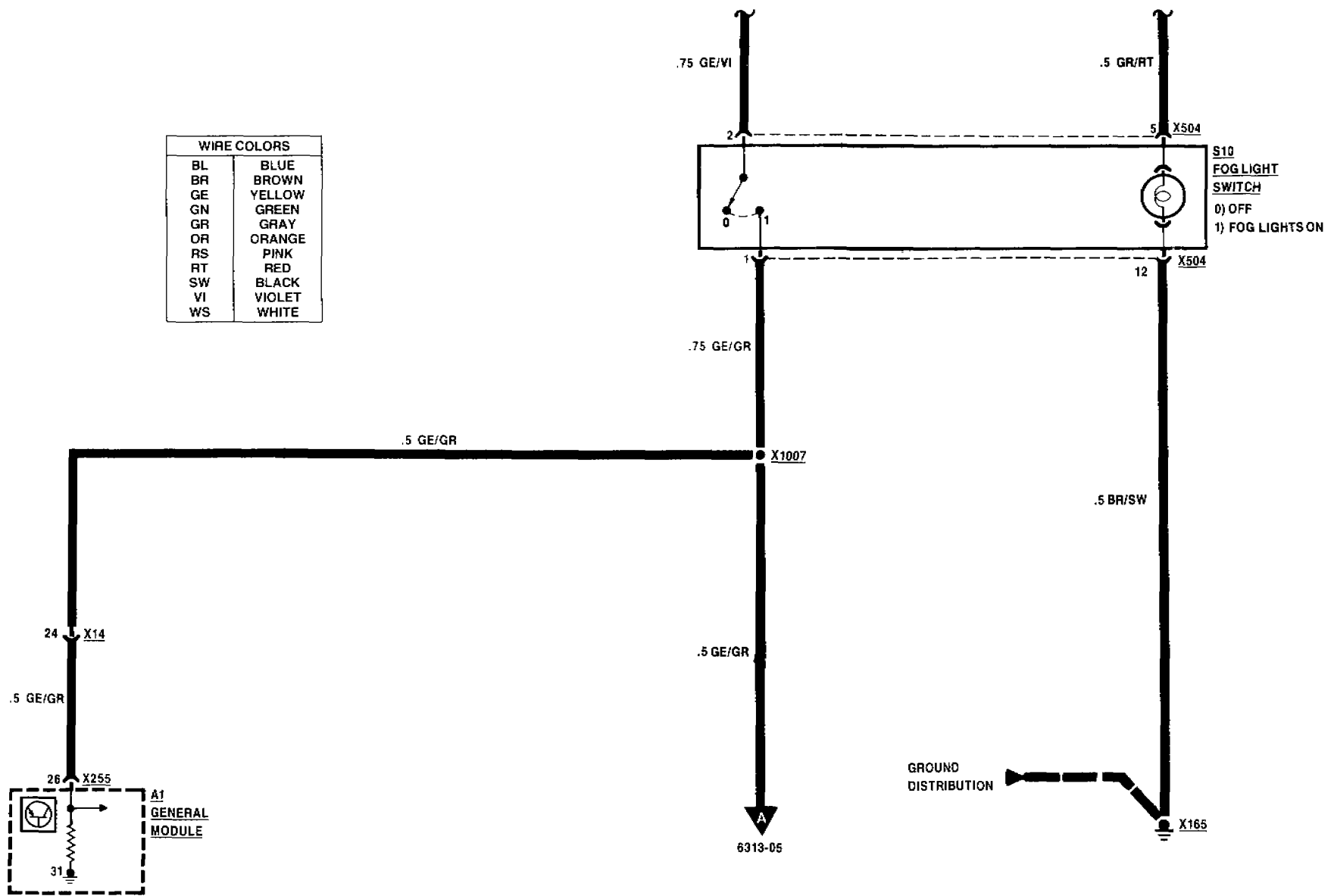
6312-02

1991

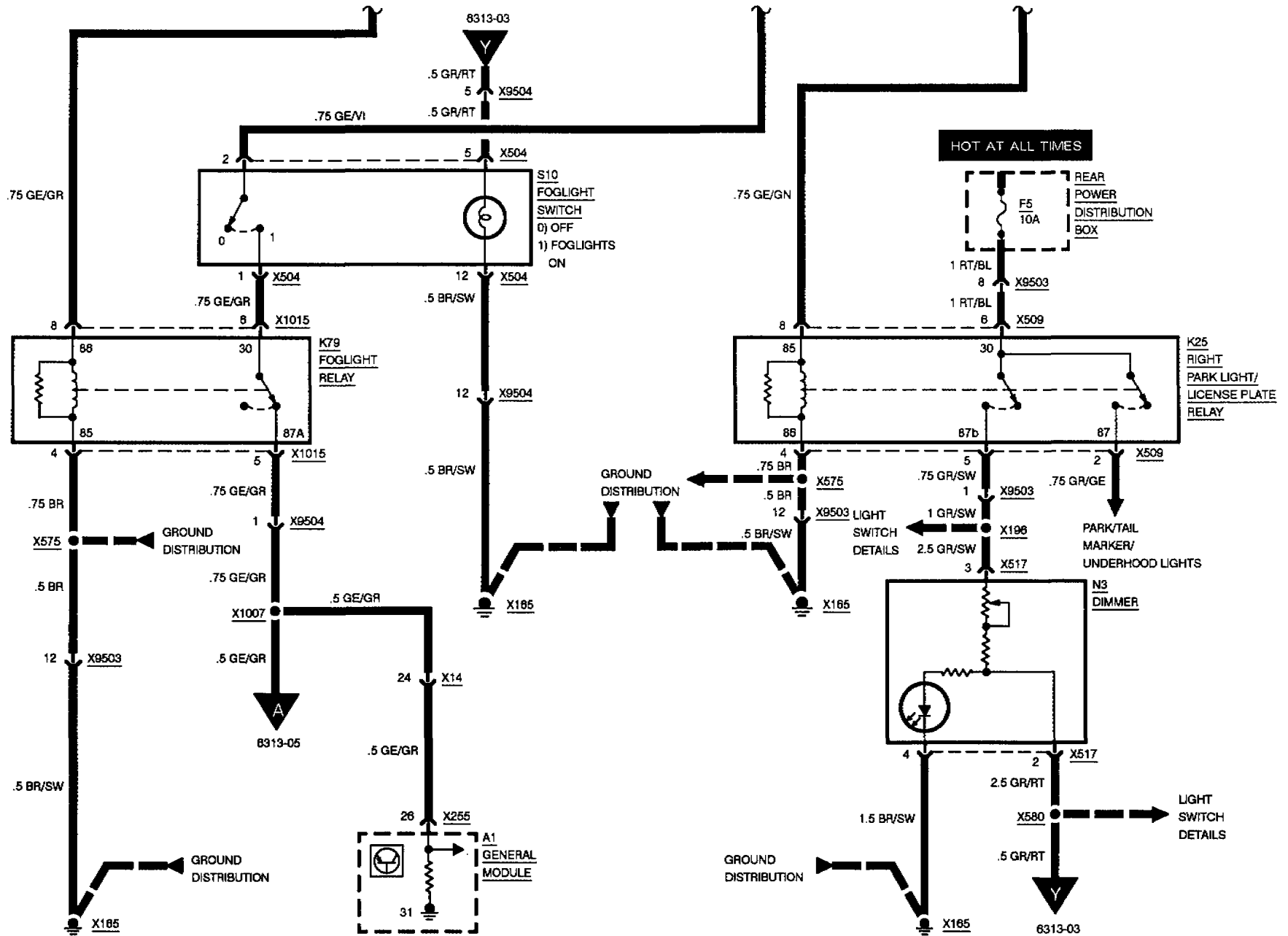
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



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

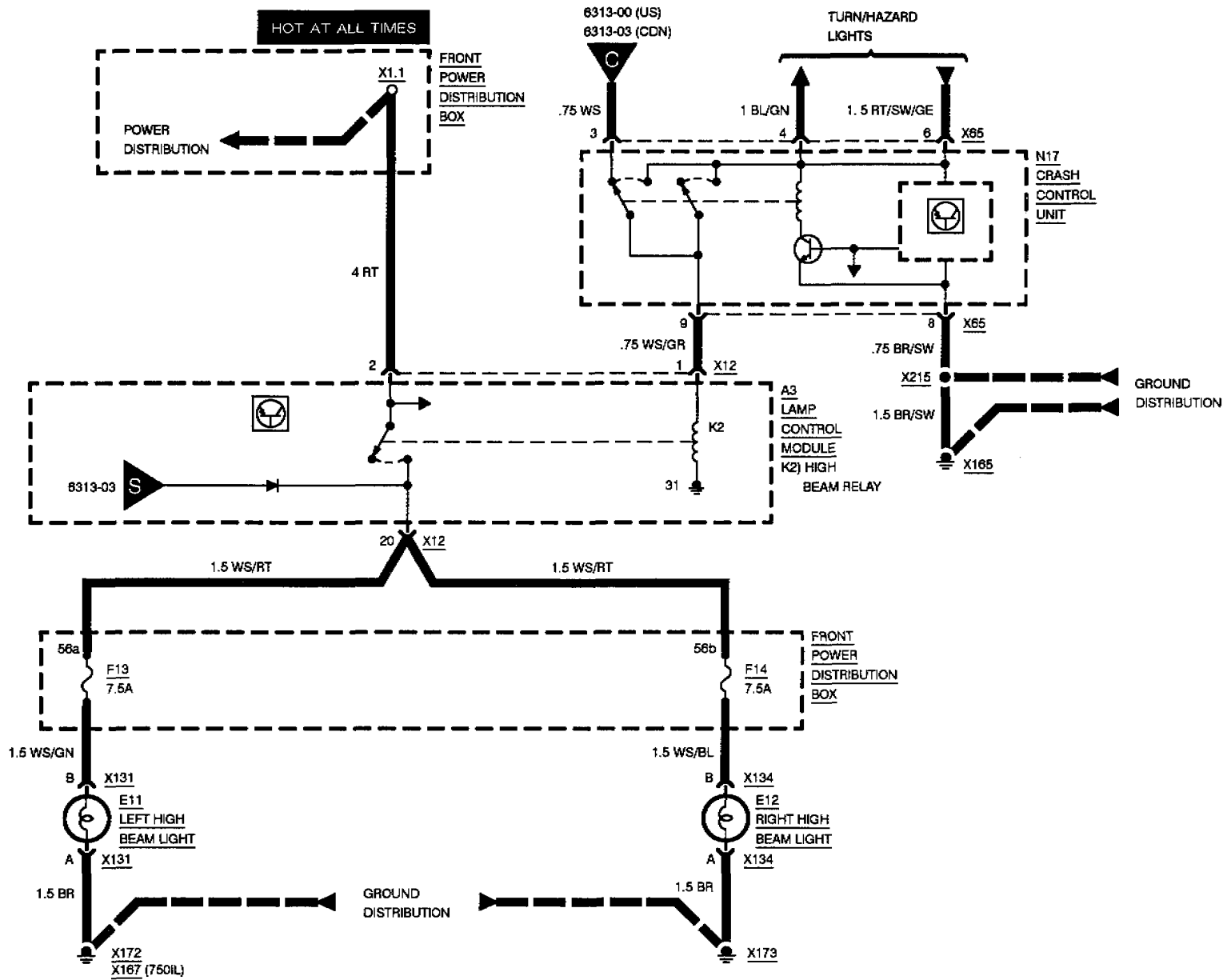


03/92 ————— 6313-01 ————— 1991





HEADLIGHTS/FOGLIGHTS

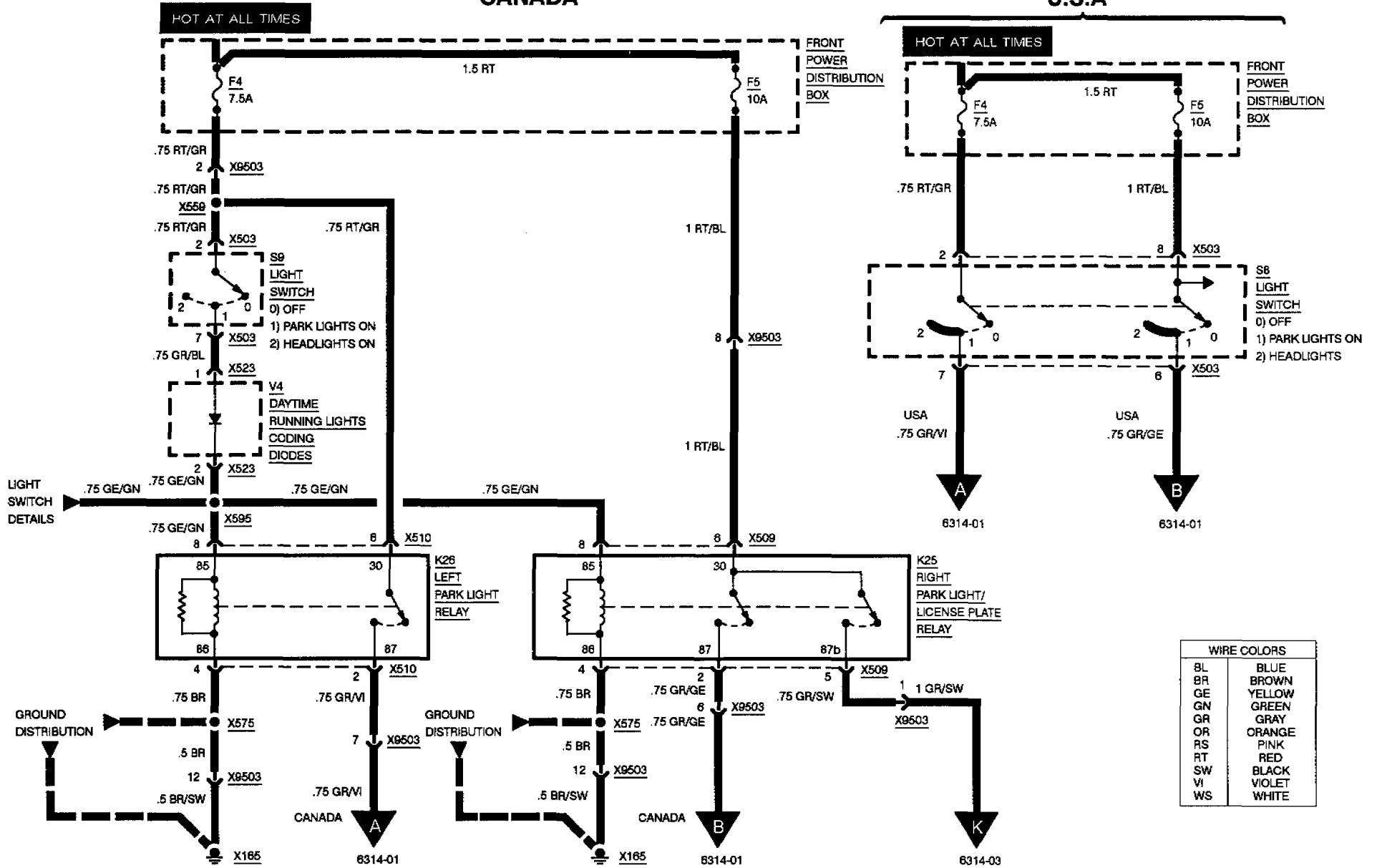




PARK/TAIL/MARKER/UNDERHOOD LIGHTS

CANADA

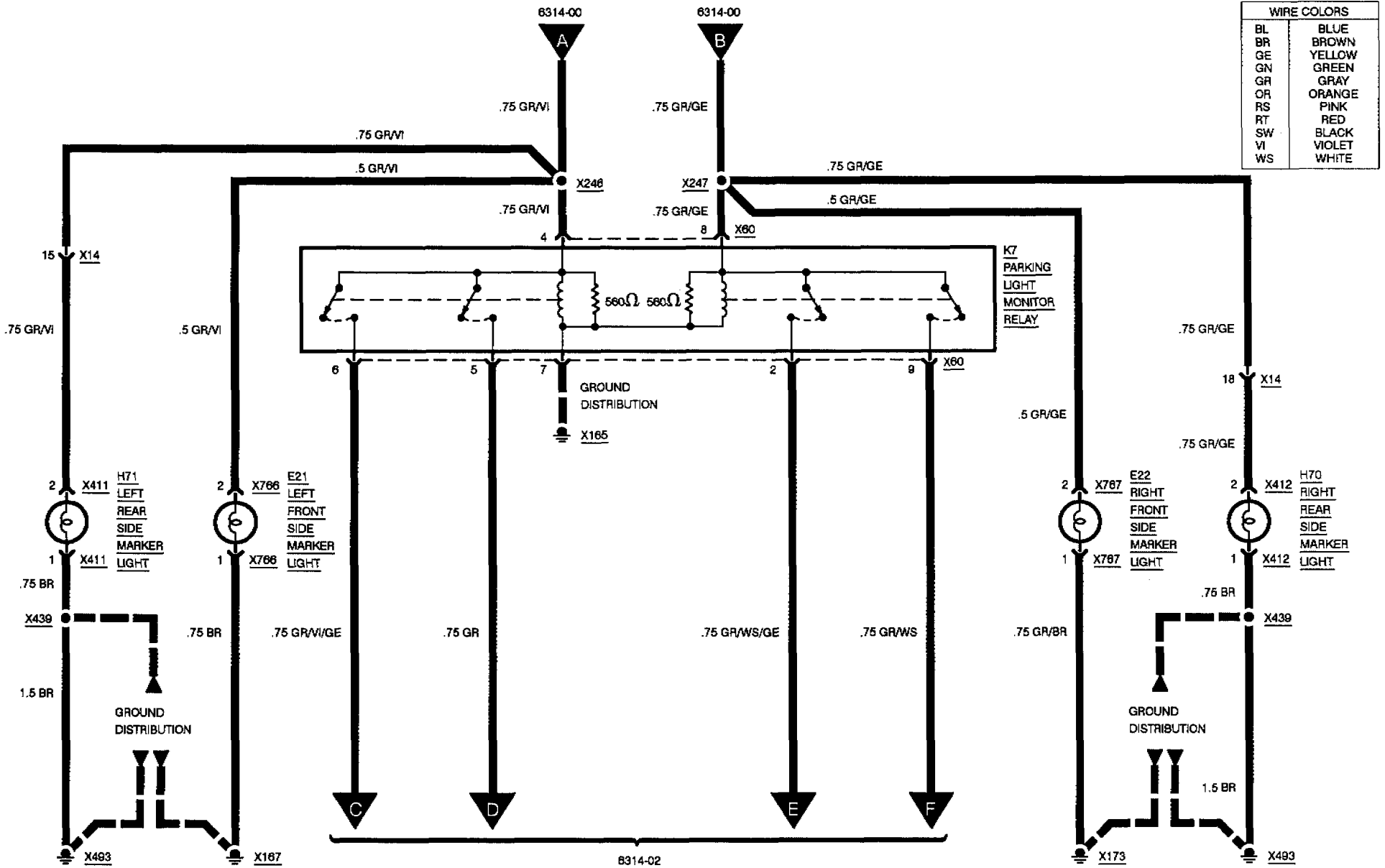
U.S.A





PARK/TAIL/MARKER/UNDERHOOD LIGHTS

MARKER LIGHTS

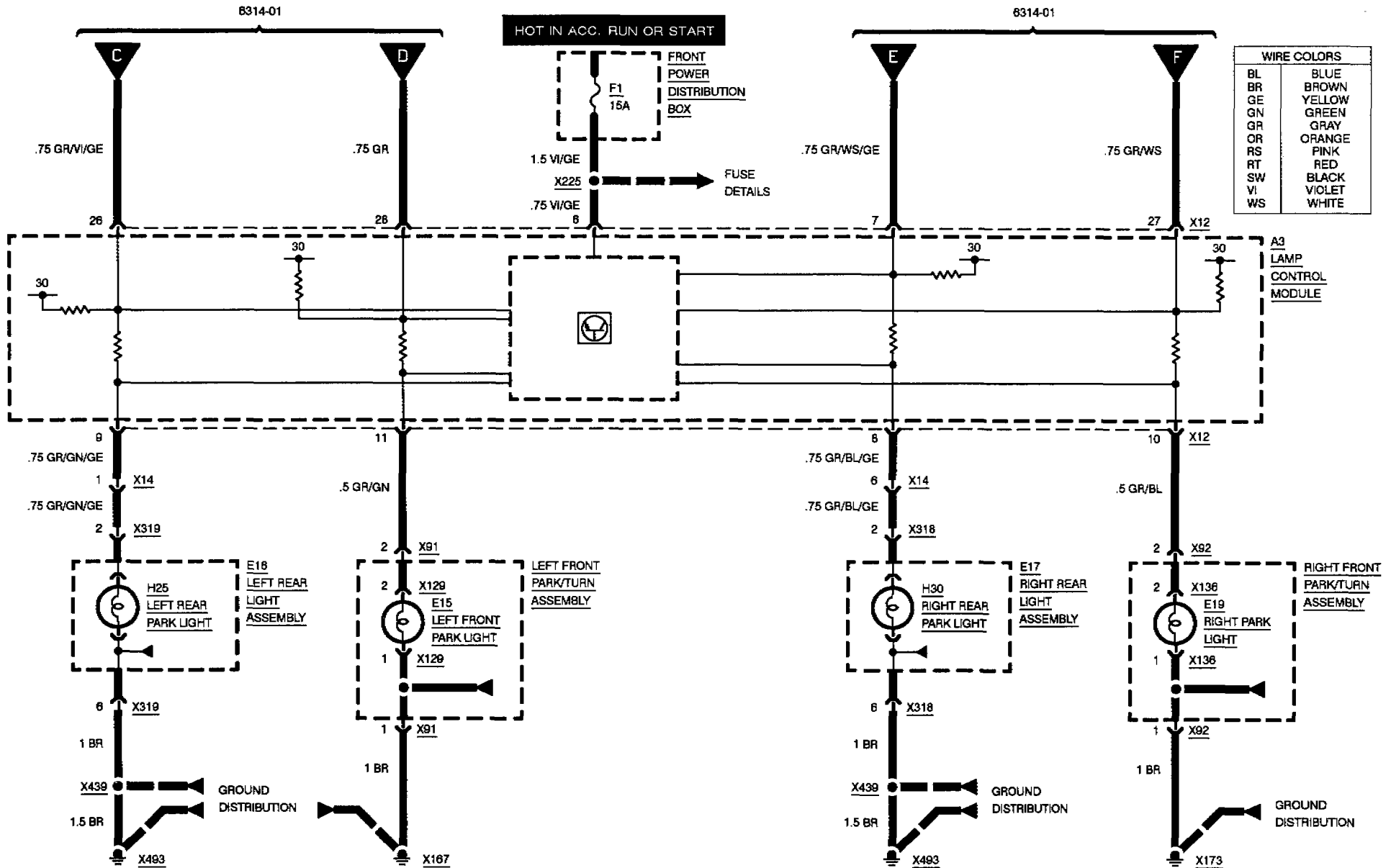


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



PARK/TURN/MARKER/UNDERHOOD LIGHTS

PARK/TAIL LIGHTS

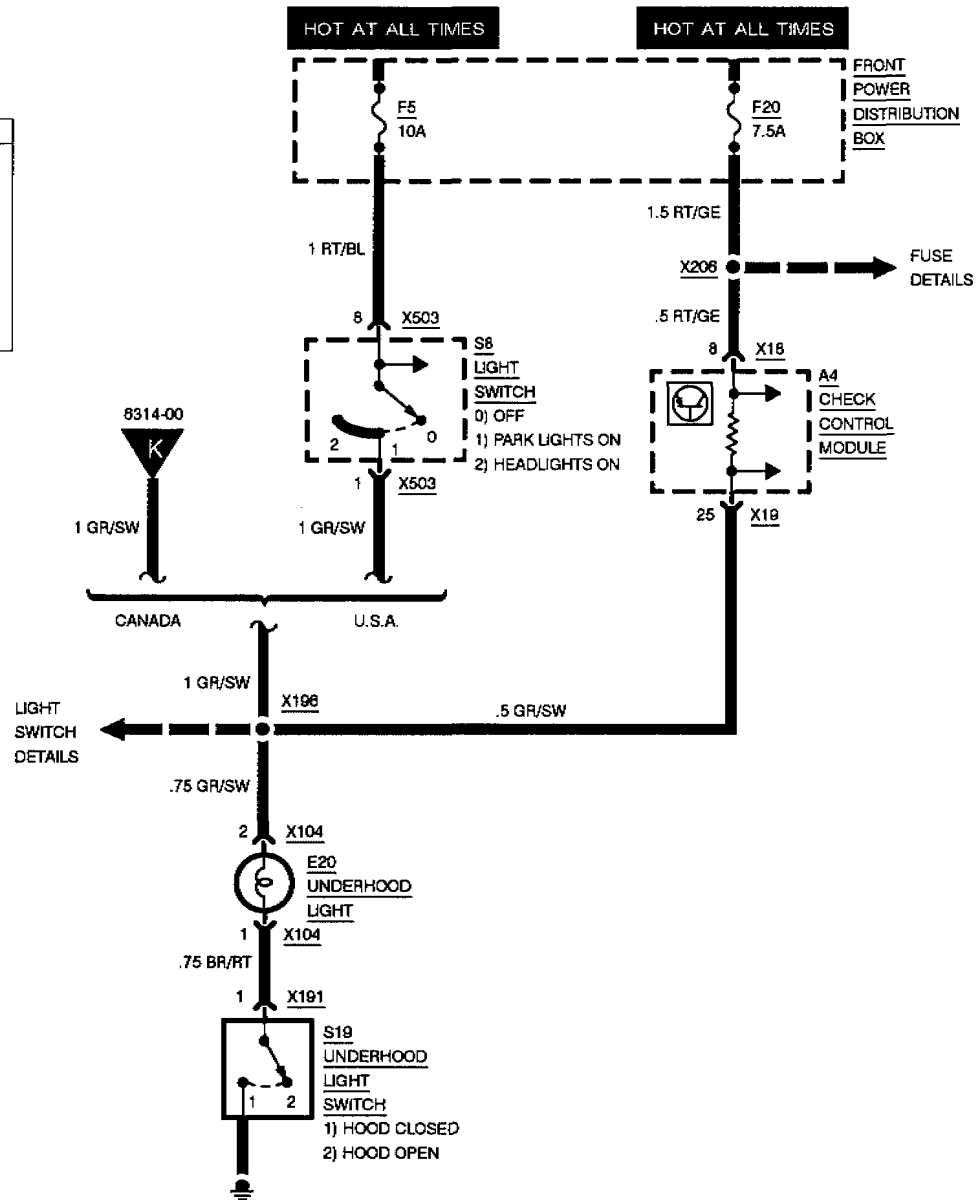




PARK/TAIL/MARKER/UNDERHOOD LIGHTS

UNDERHOOD LIGHT

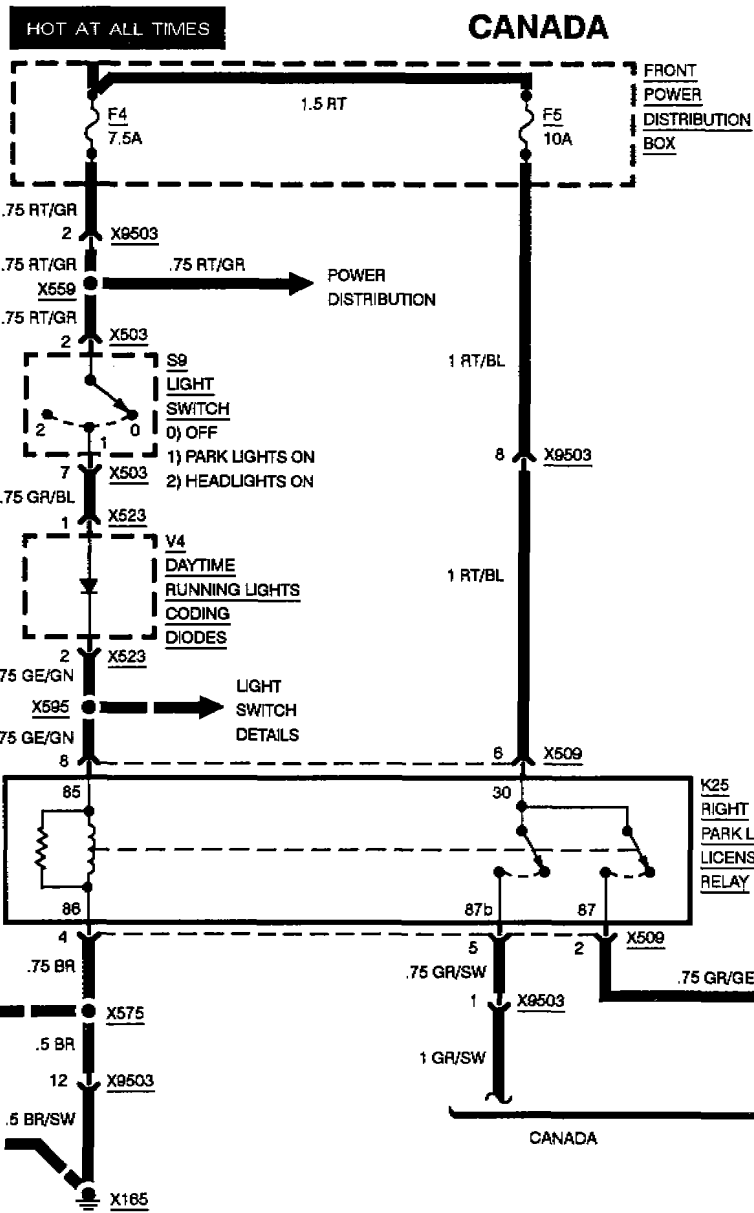
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



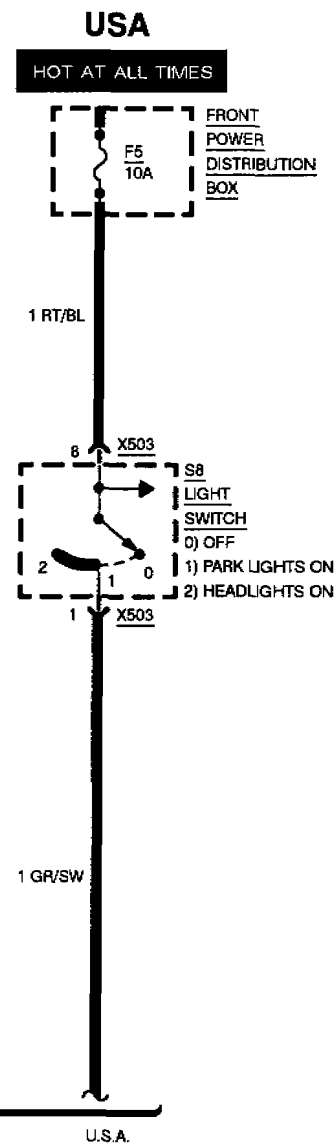


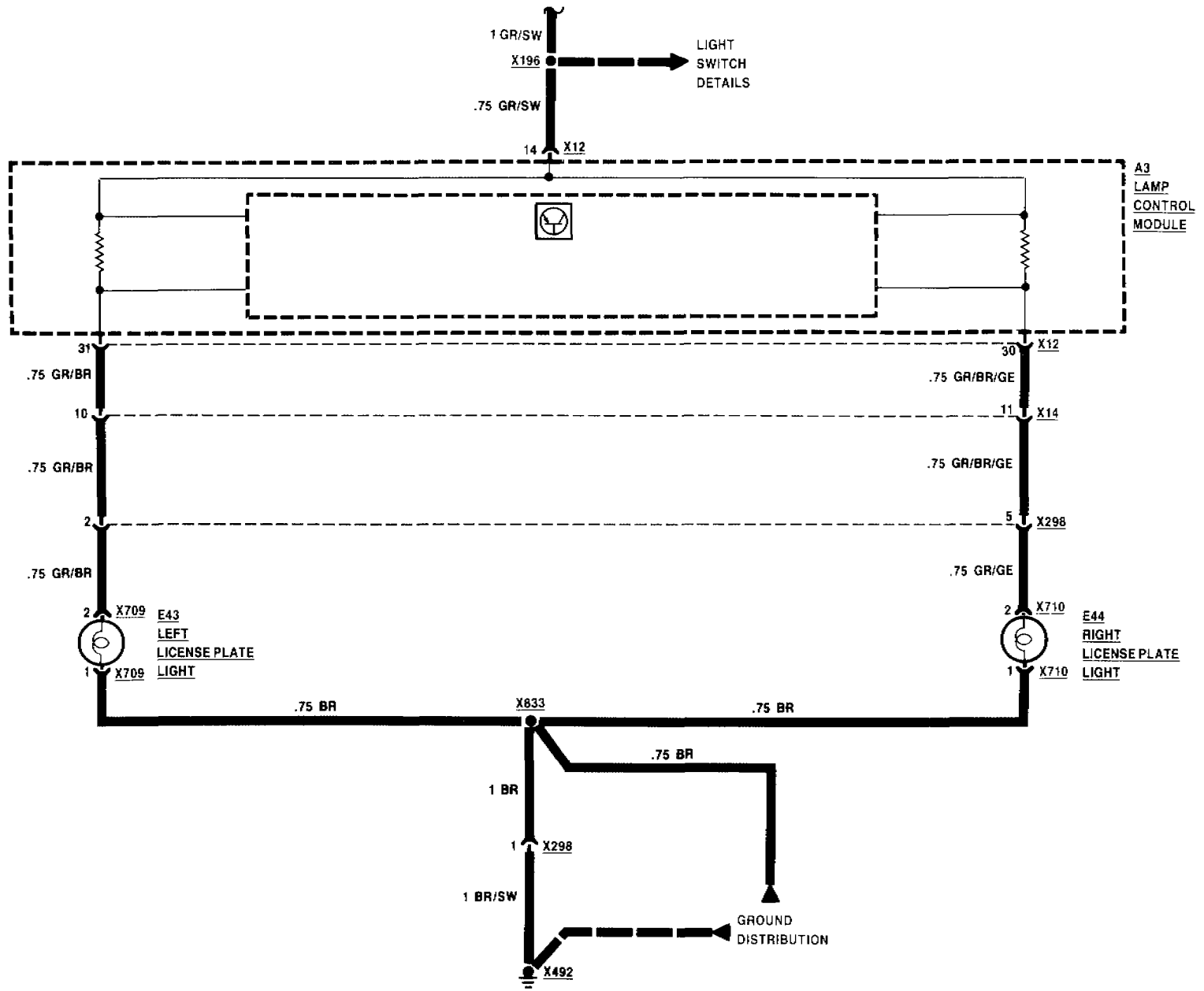
LICENSE/TRUNK LIGHTS

LICENSE LIGHTS



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

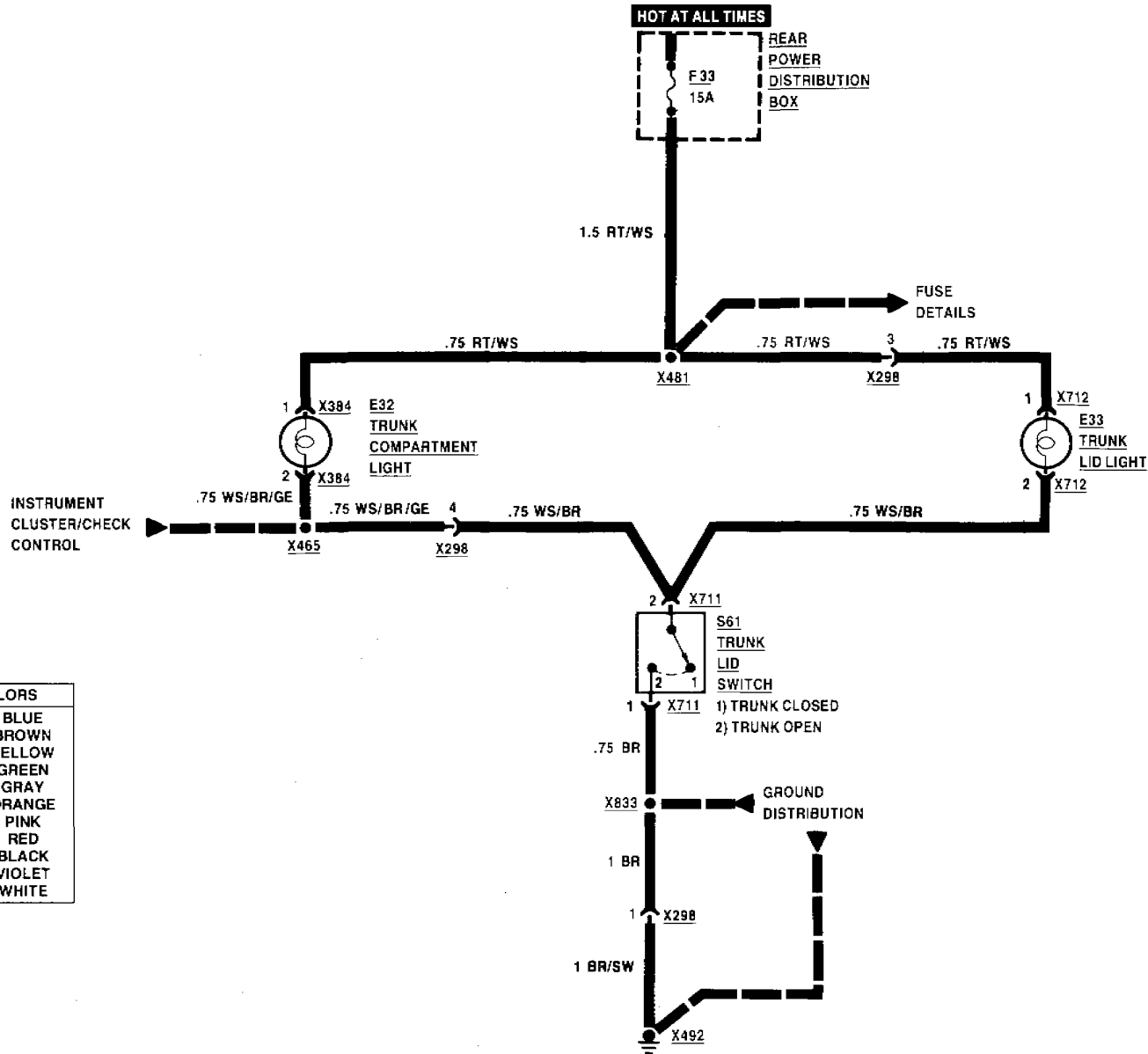






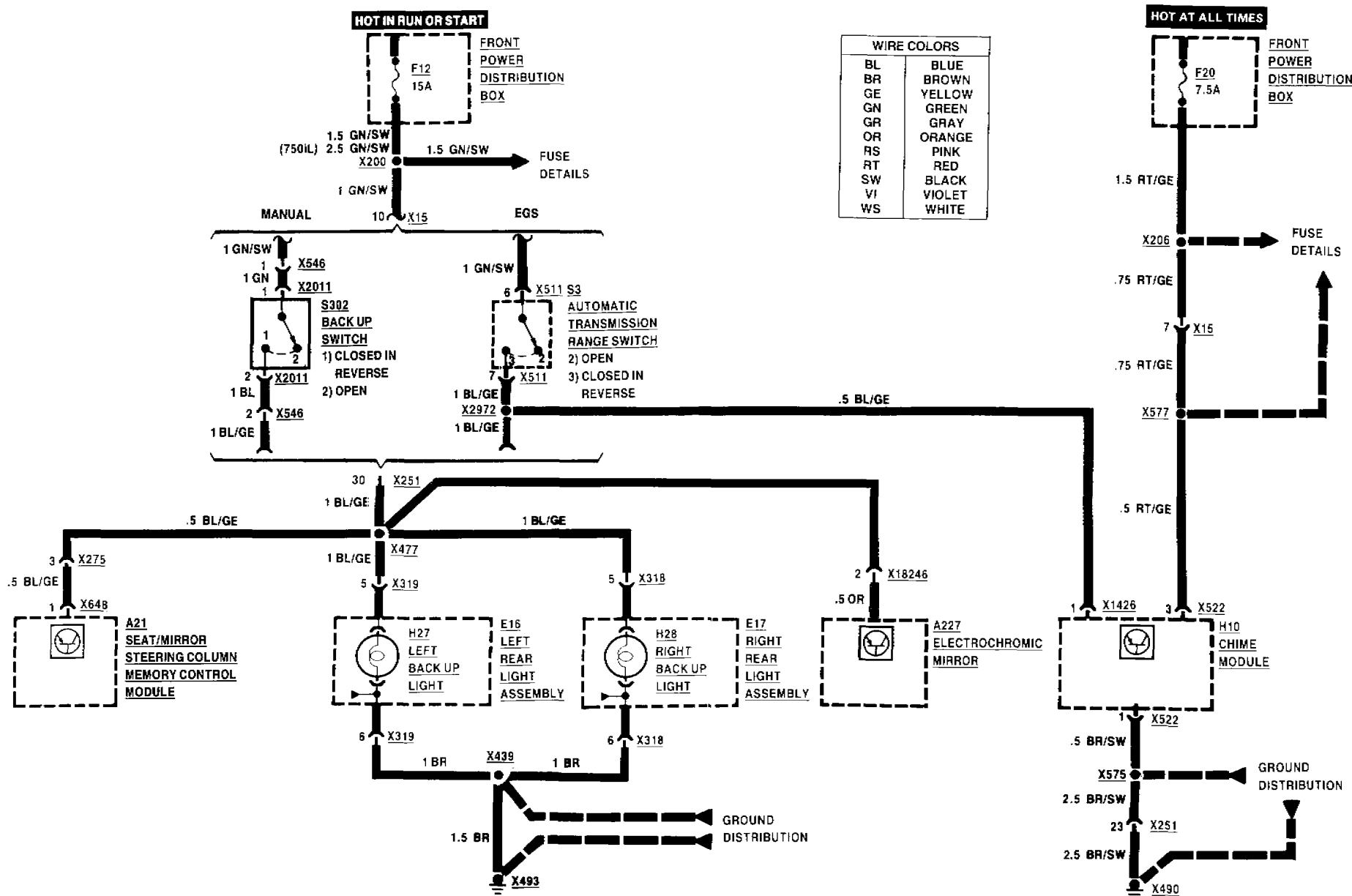
LICENSE/TRUNK LIGHTS

TRUNK LIGHTS



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

BMW
7 **BACK UP LIGHTS**



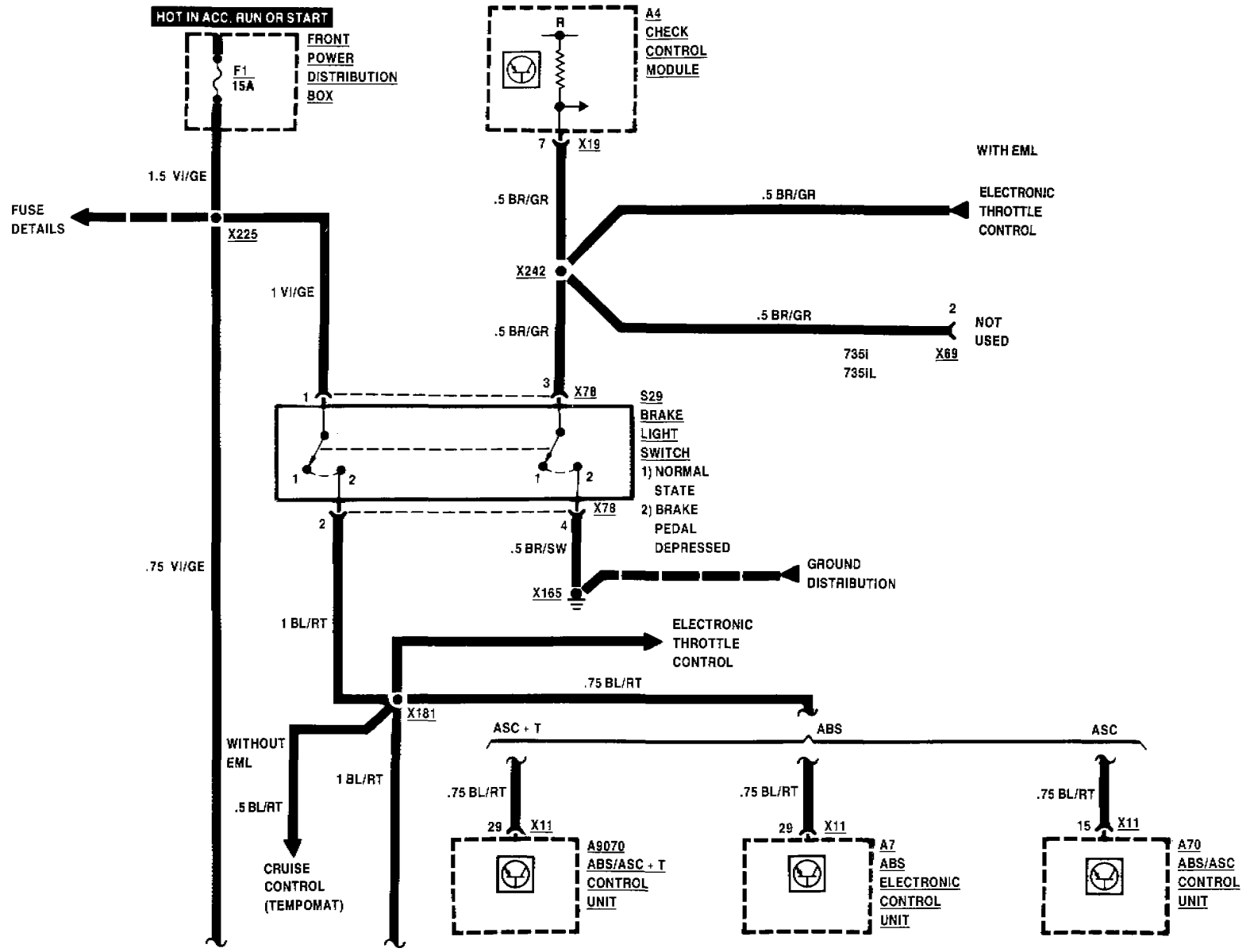
03/92

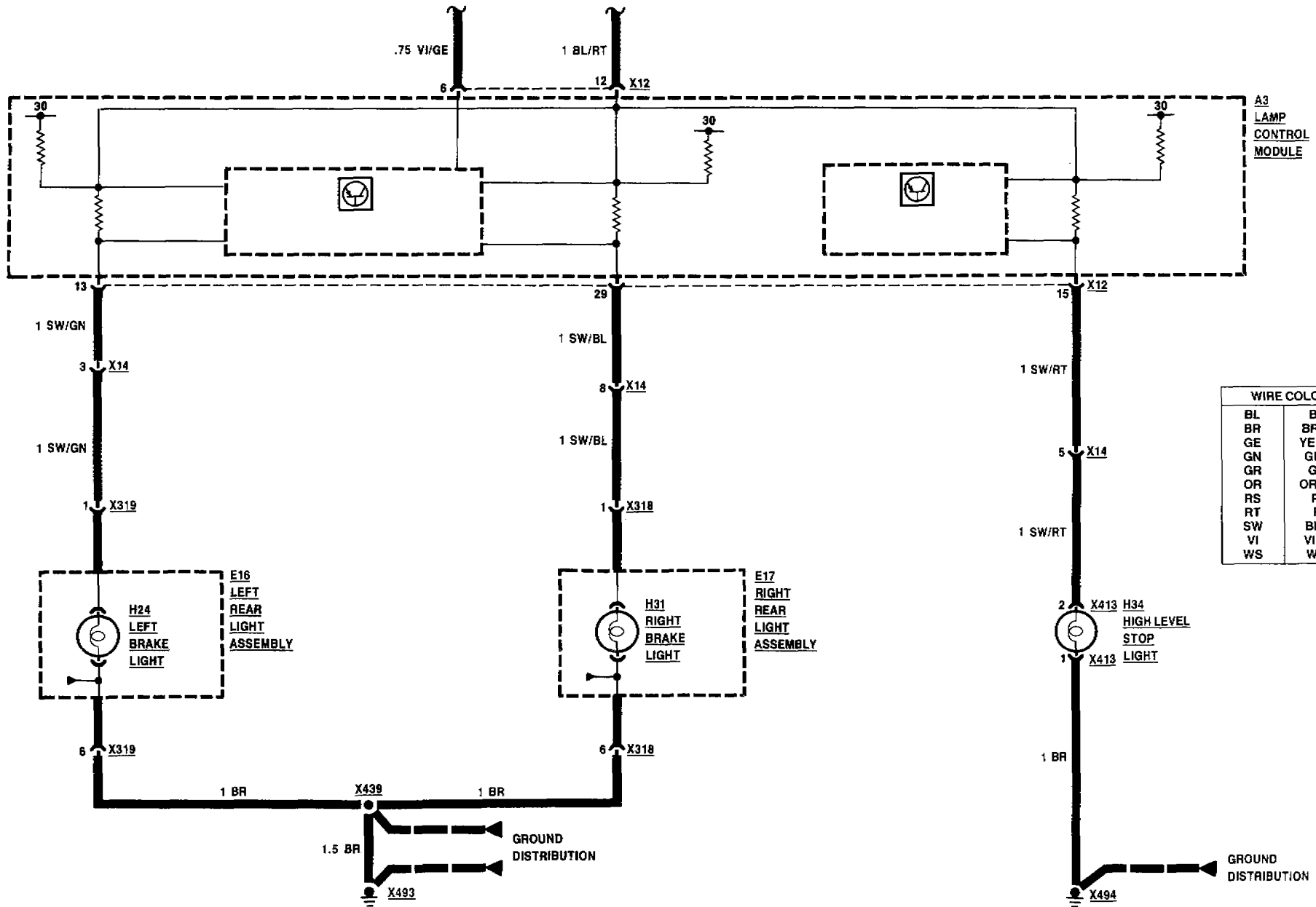
6322-00

1991



7 BRAKE LIGHTS



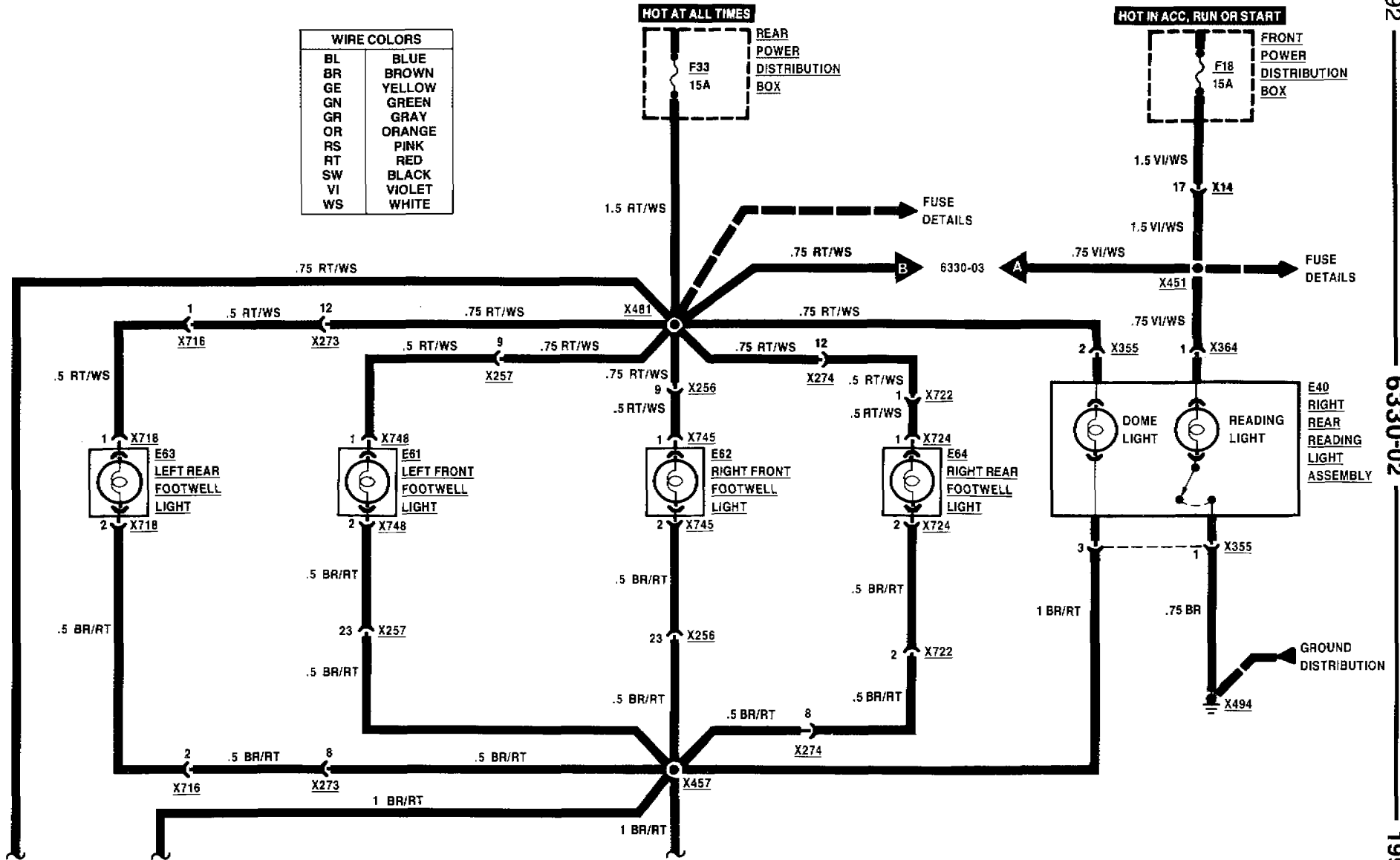


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



INTERIOR LIGHTS (ZKE) OUTPUT DETAILS

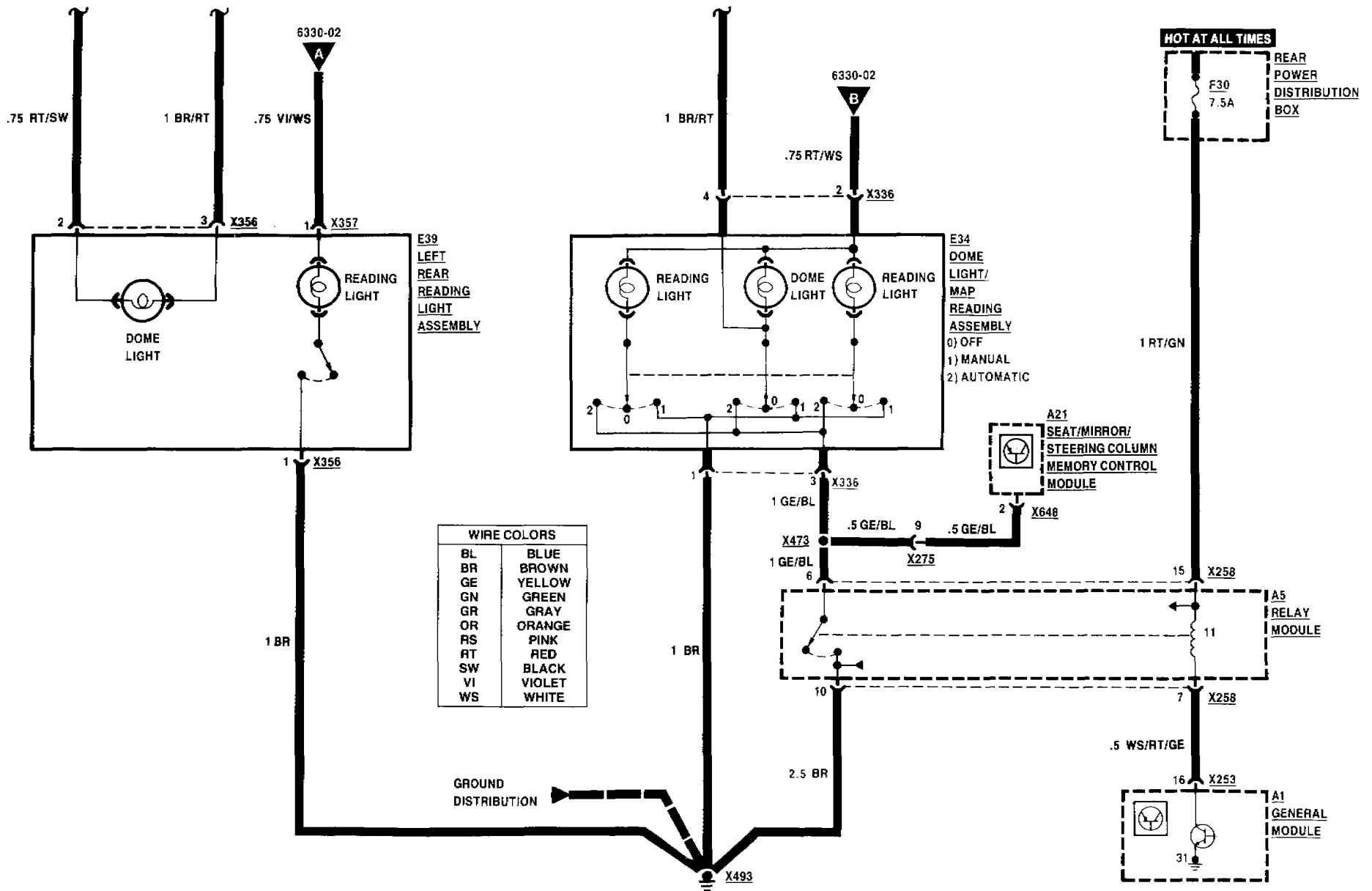
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



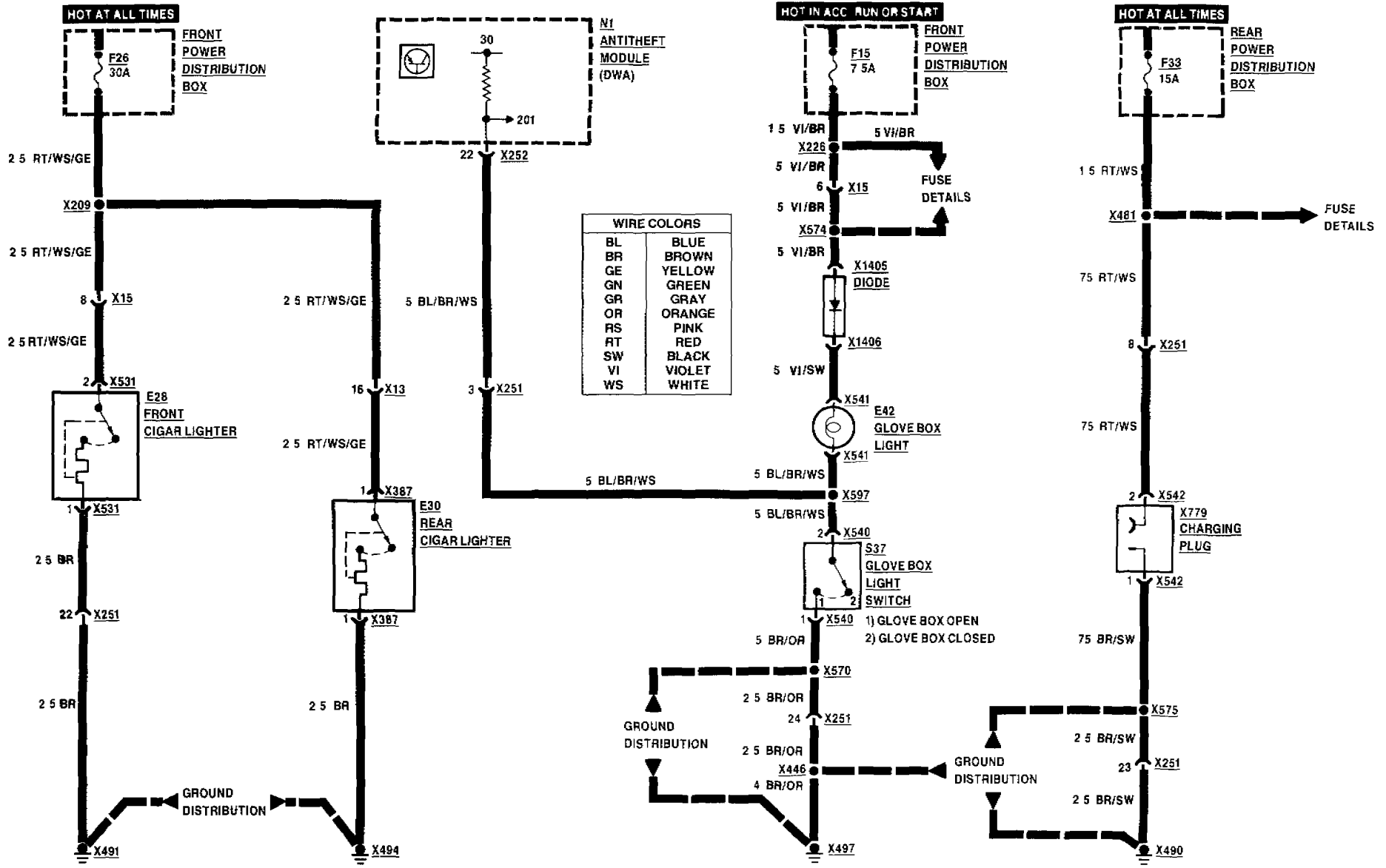
03/92

6330-02

1991



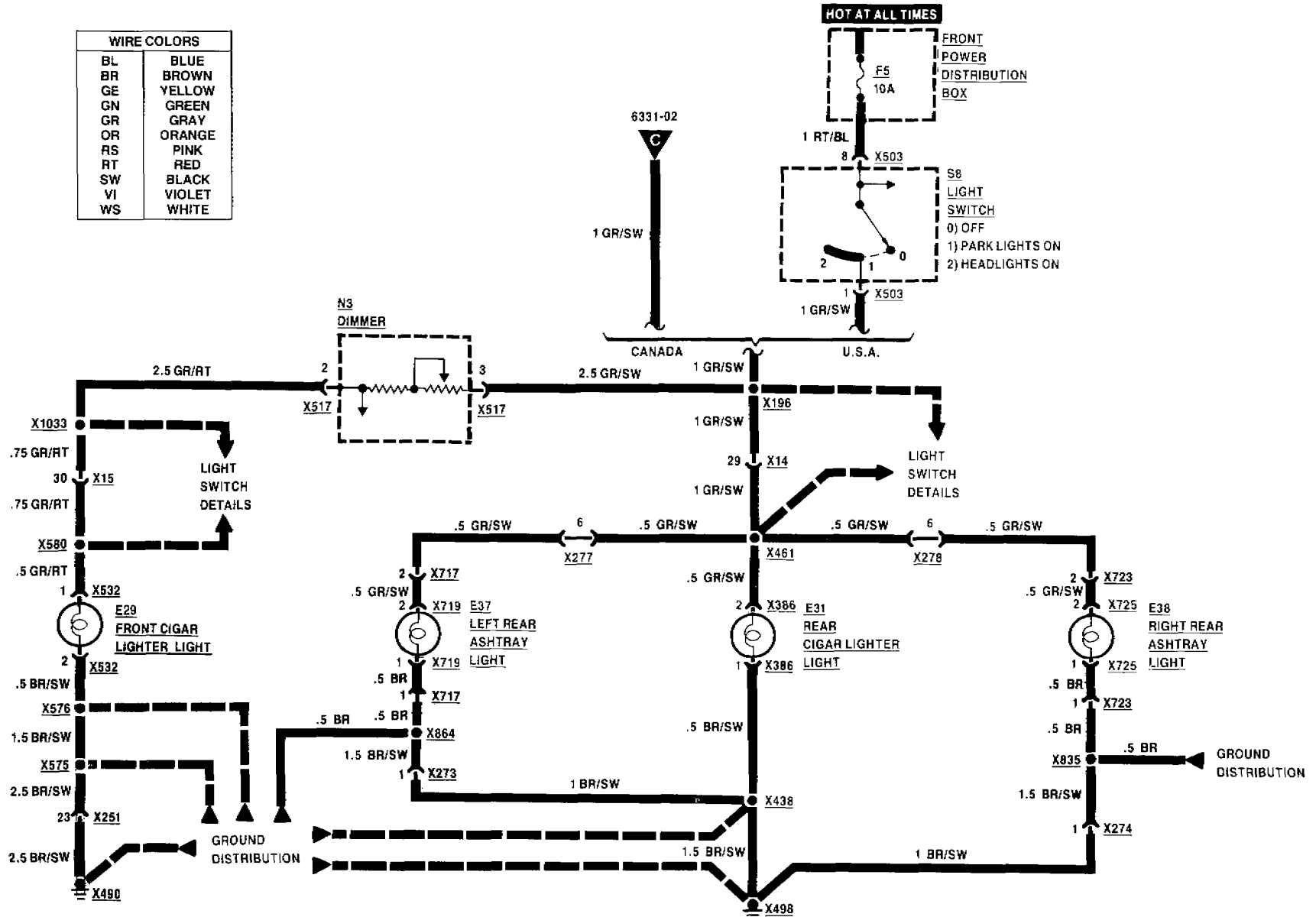
GLOVE BOX LIGHT/CIGAR LIGHTER/ASHTRAY LIGHT/CHARGING PLUG





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

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

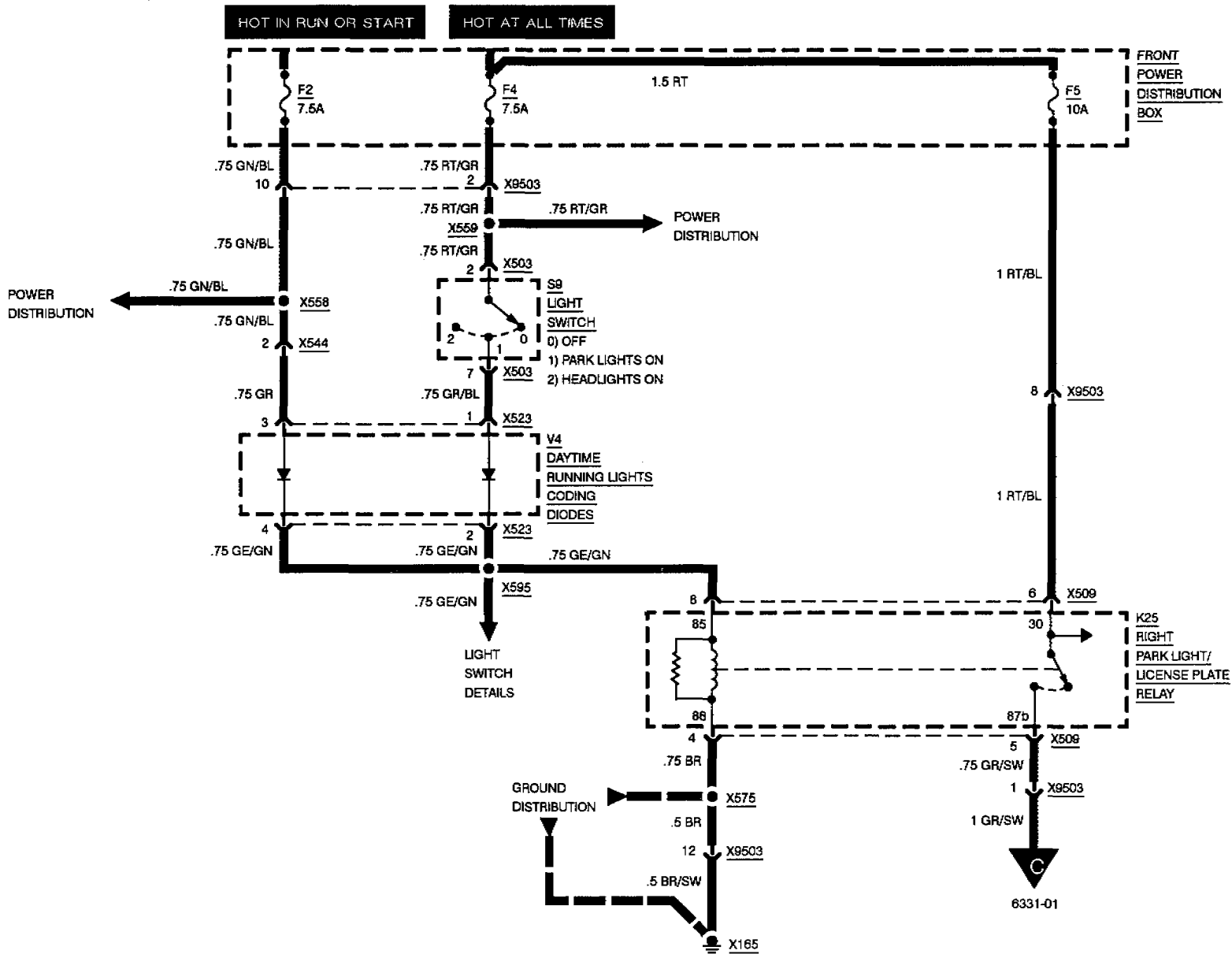




GLOVE BOX LIGHT/CIGAR LIGHTER/ASHTRAY LIGHT/CHARGING PLUG

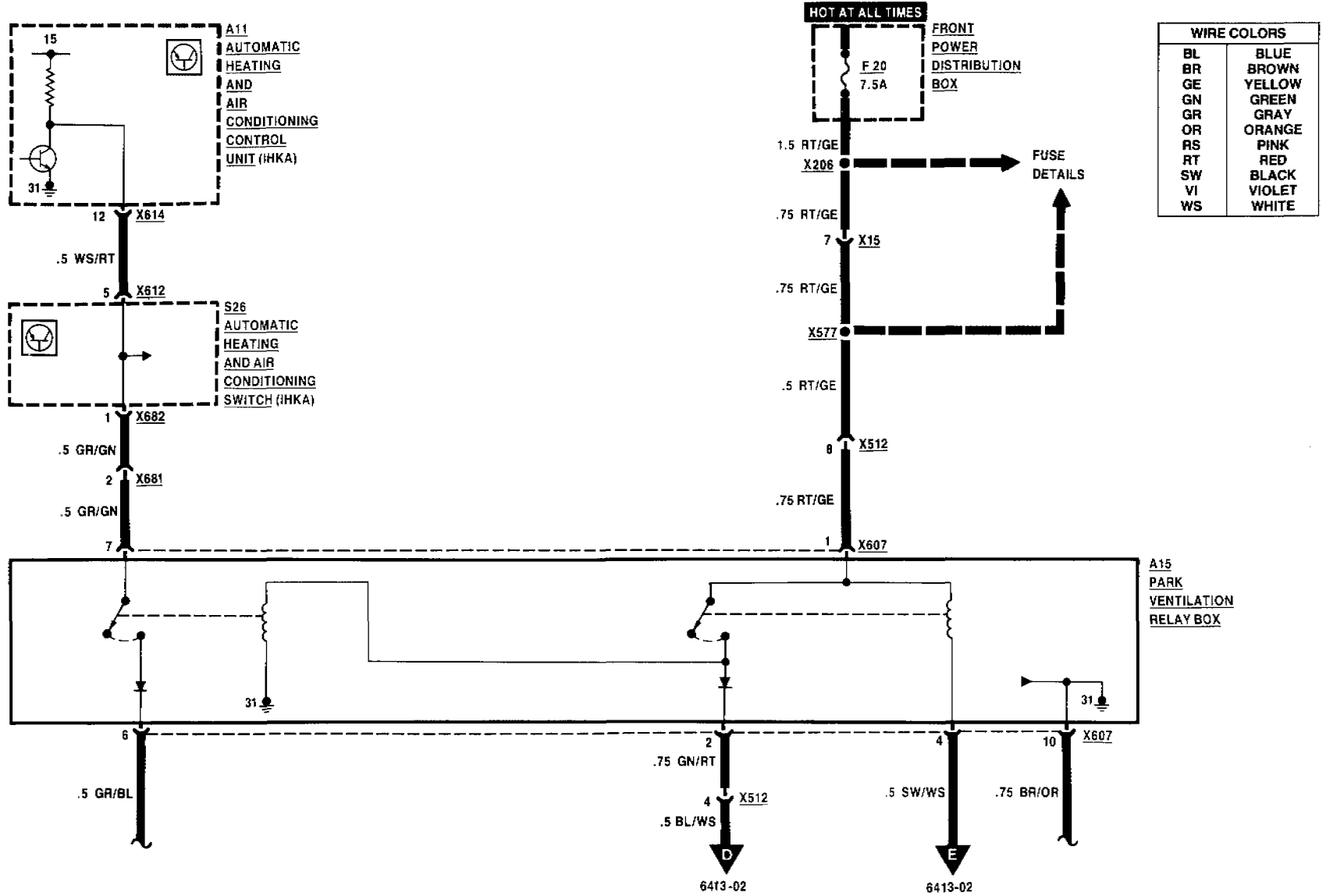
INPUT DETAILS

CANADA

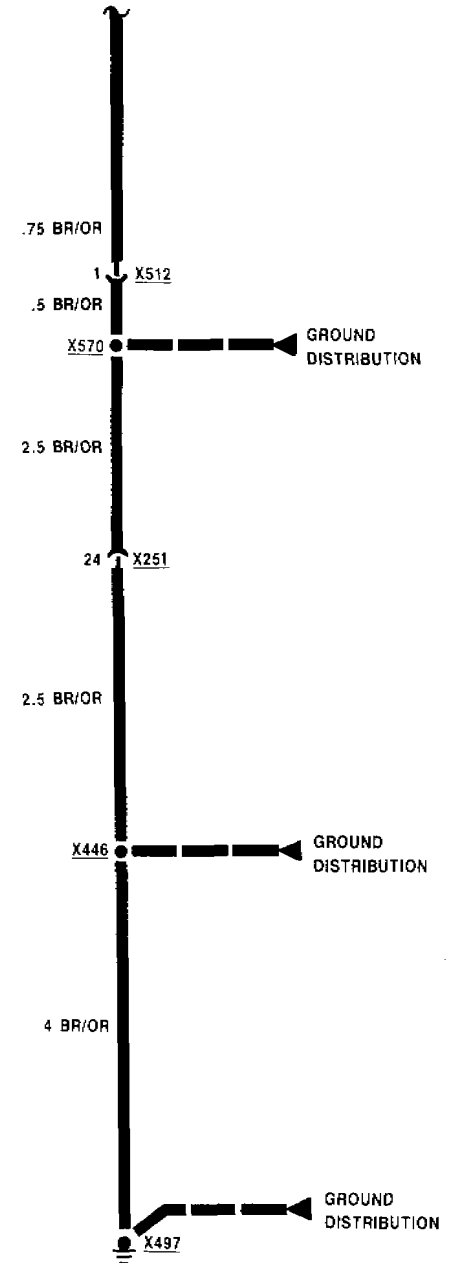
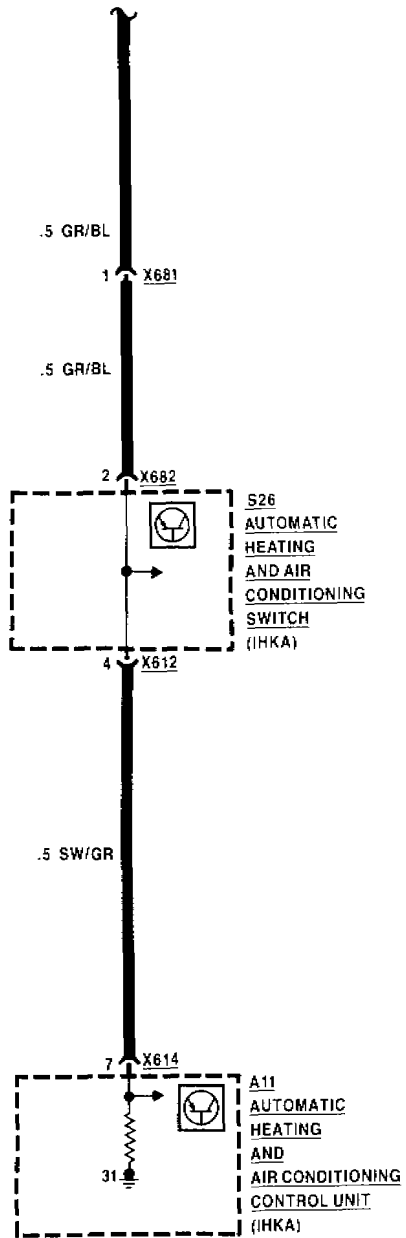




PARK VENTILATION

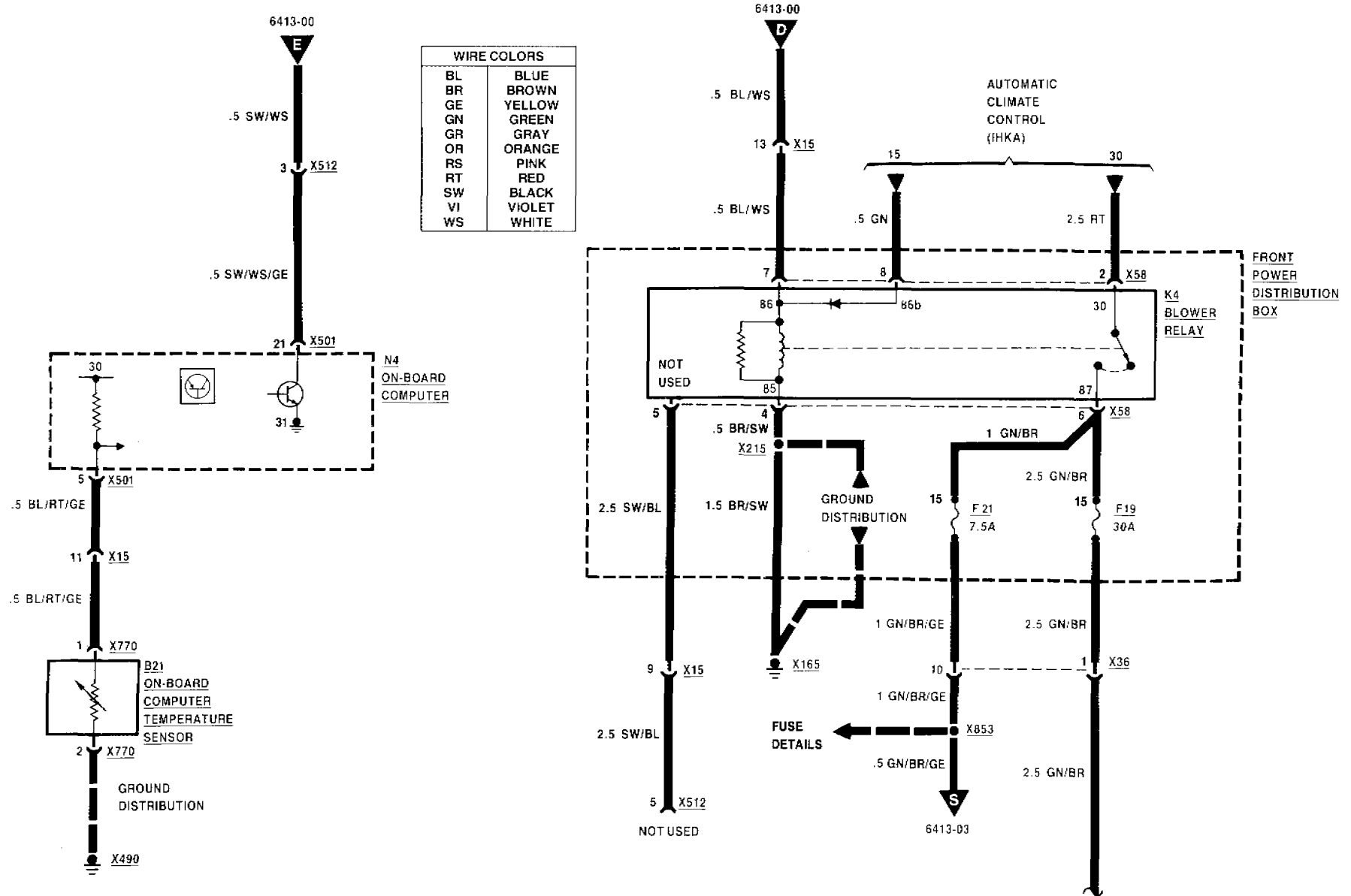


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





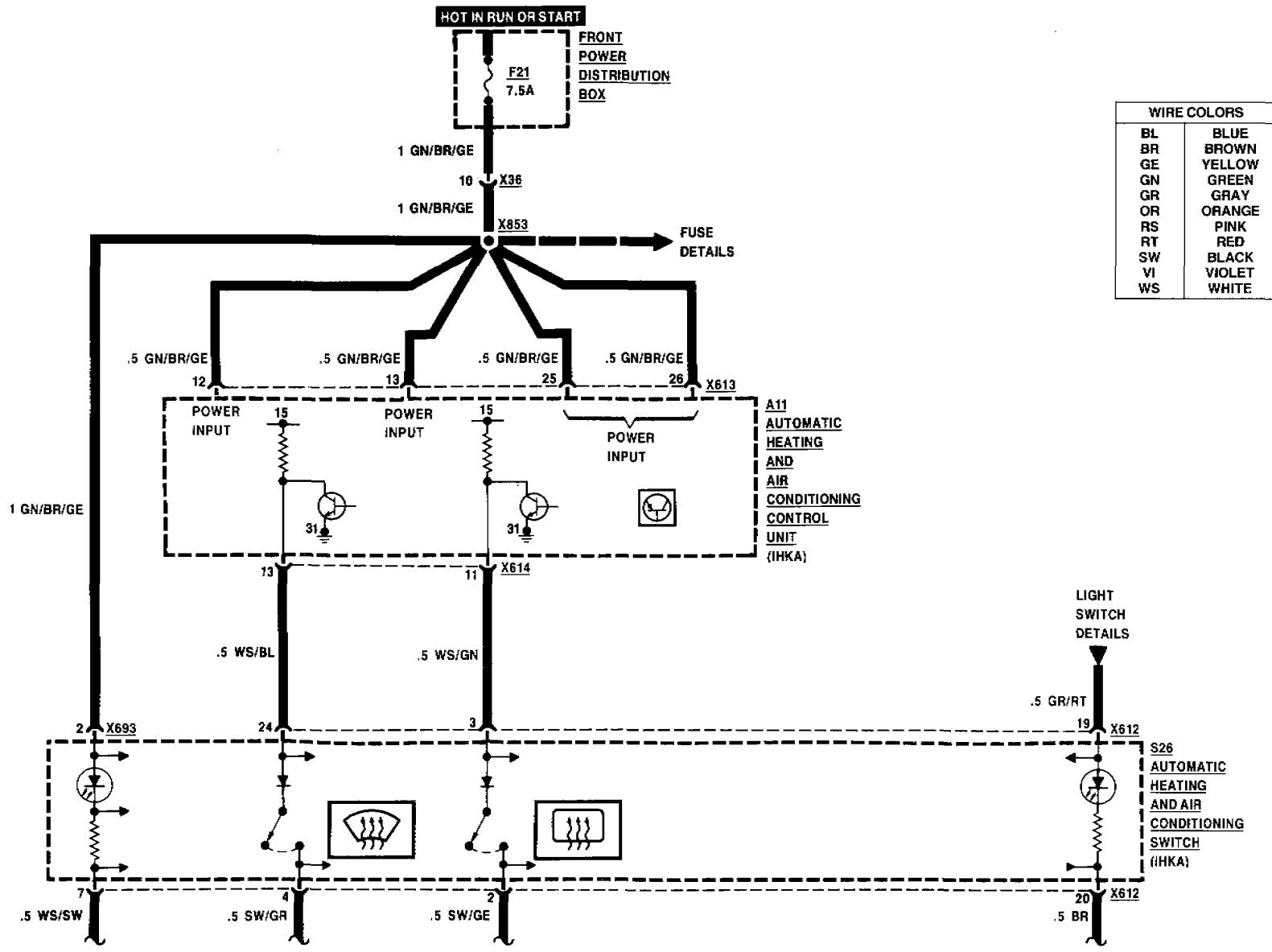
PARK VENTILATION



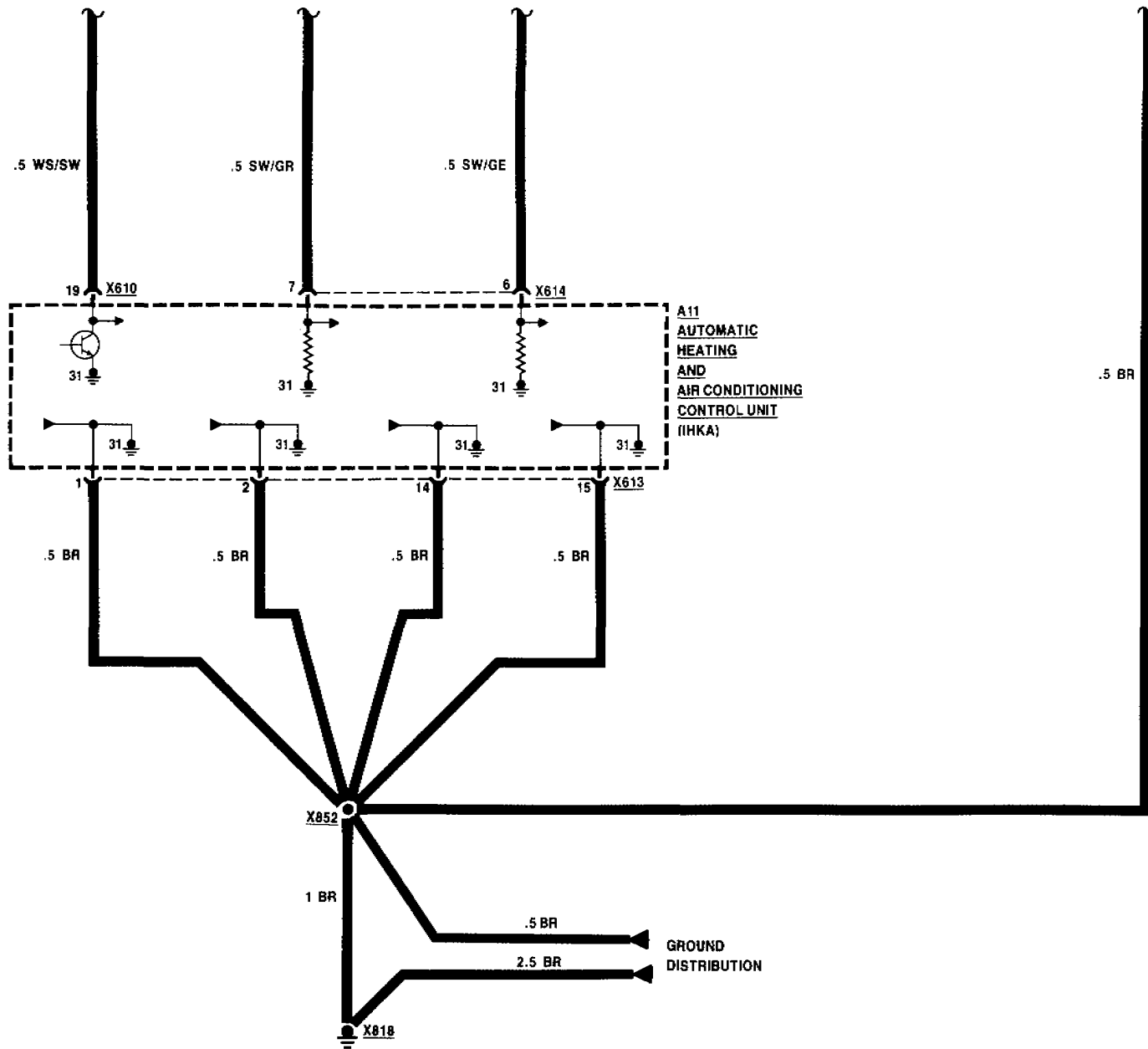


REAR WINDOW DEFOGGER/ANTENNA

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 |



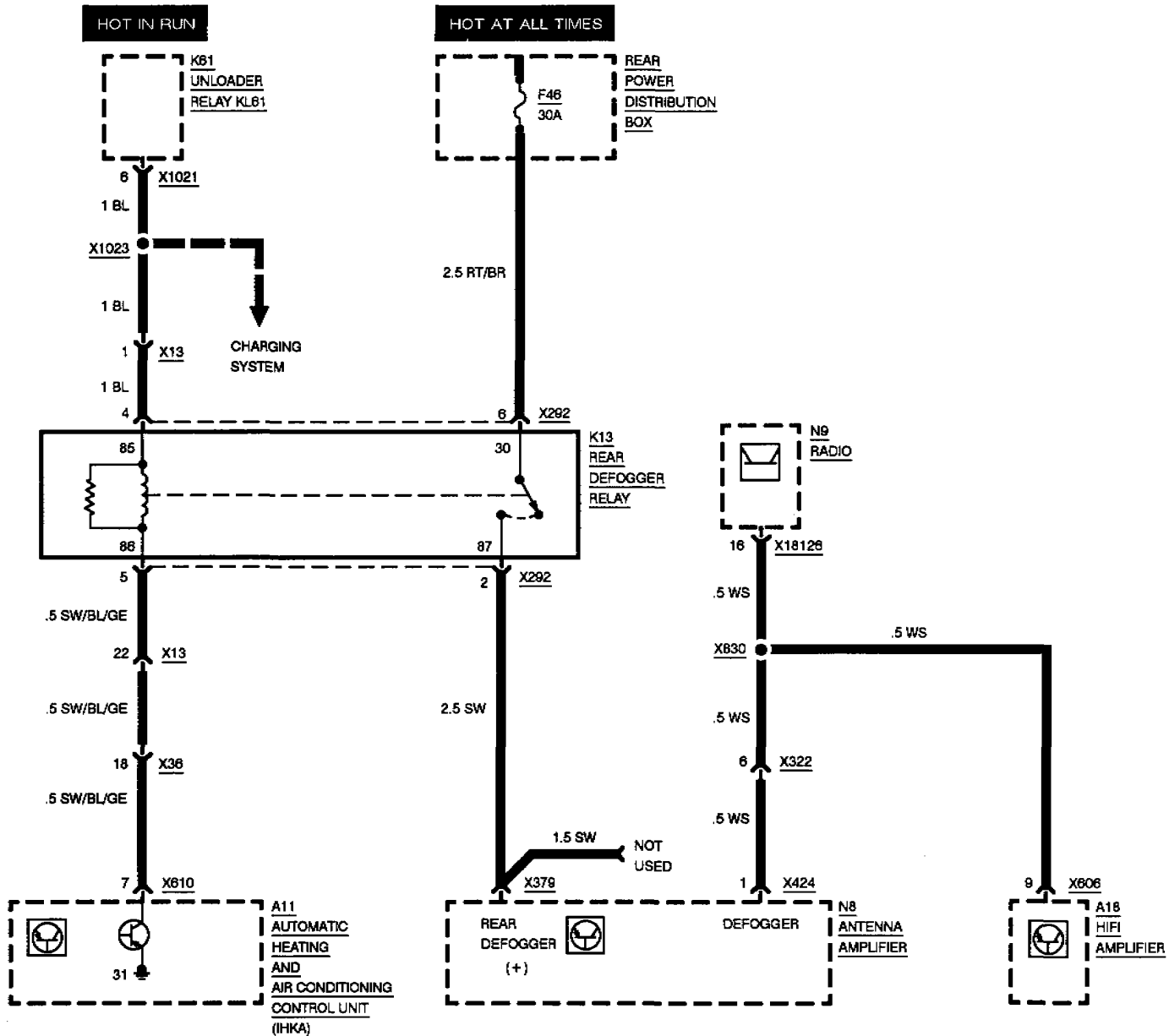
A11
 AUTOMATIC
 HEATING
 AND
 AIR CONDITIONING
 CONTROL UNIT
 (IHKA)

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



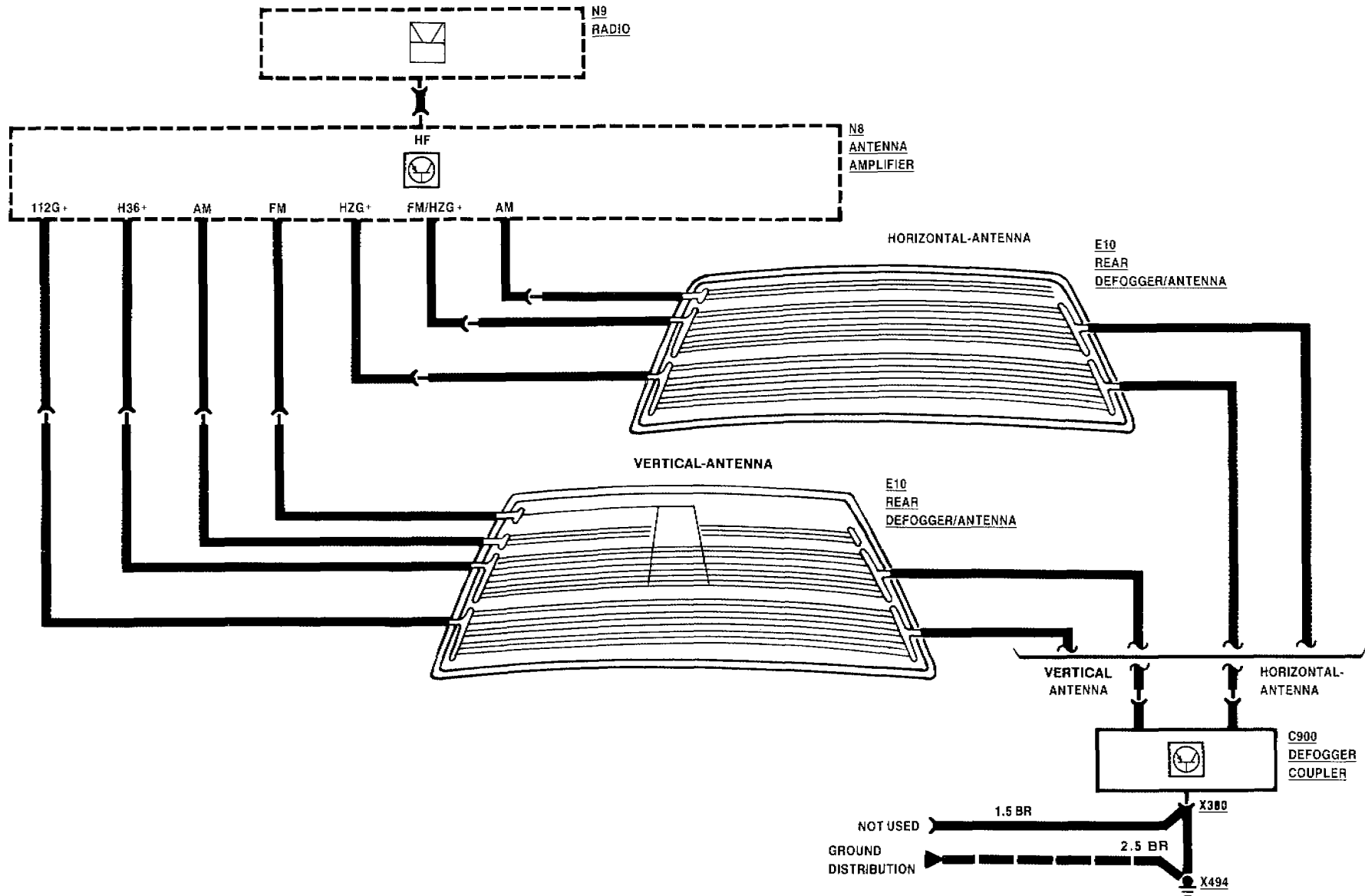
REAR WINDOW DEFOGGER/ANTENNA

IHKA





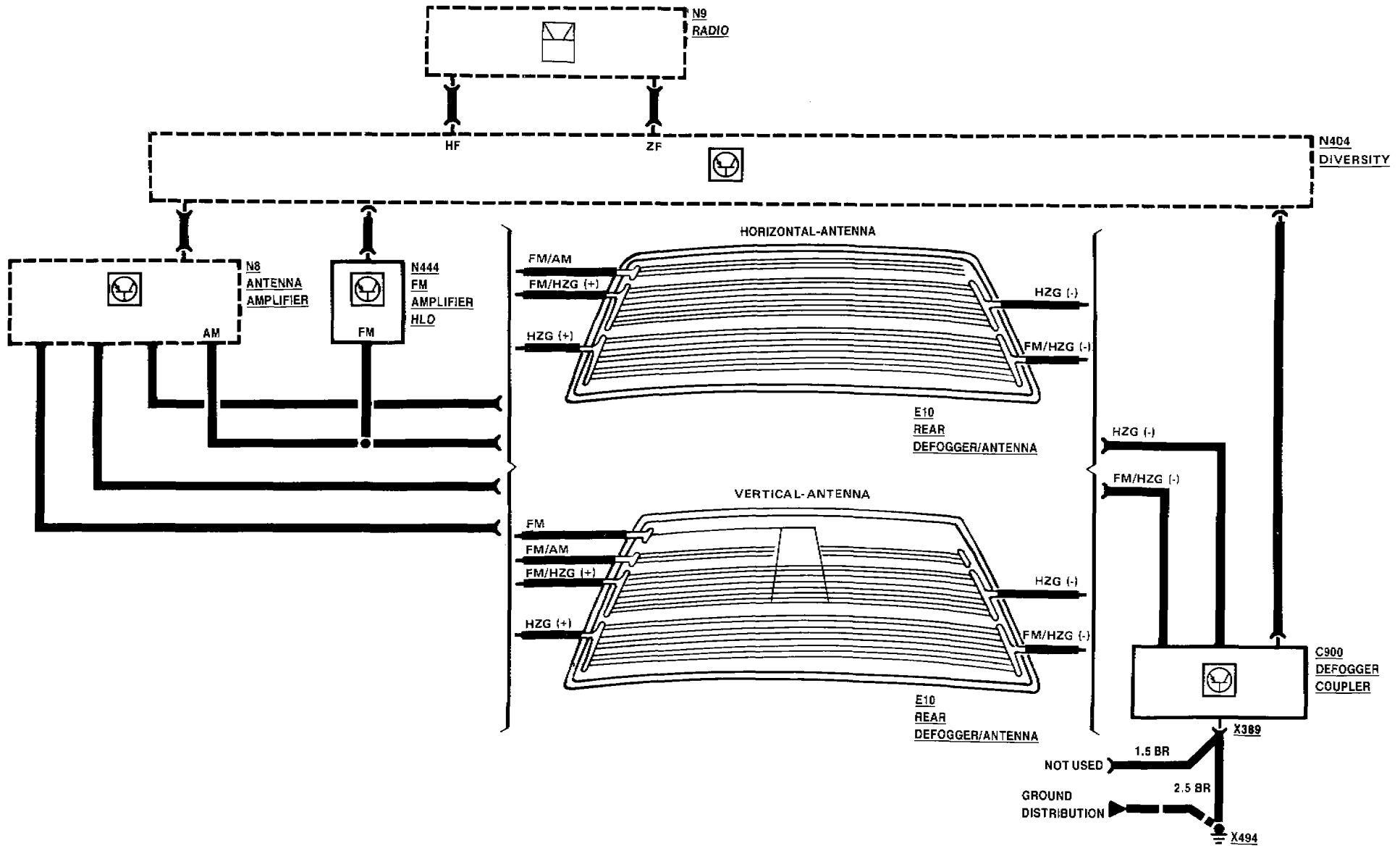
REAR WINDOW DEFOGGER/ANTENNA DEFOGGER-ANTENNA

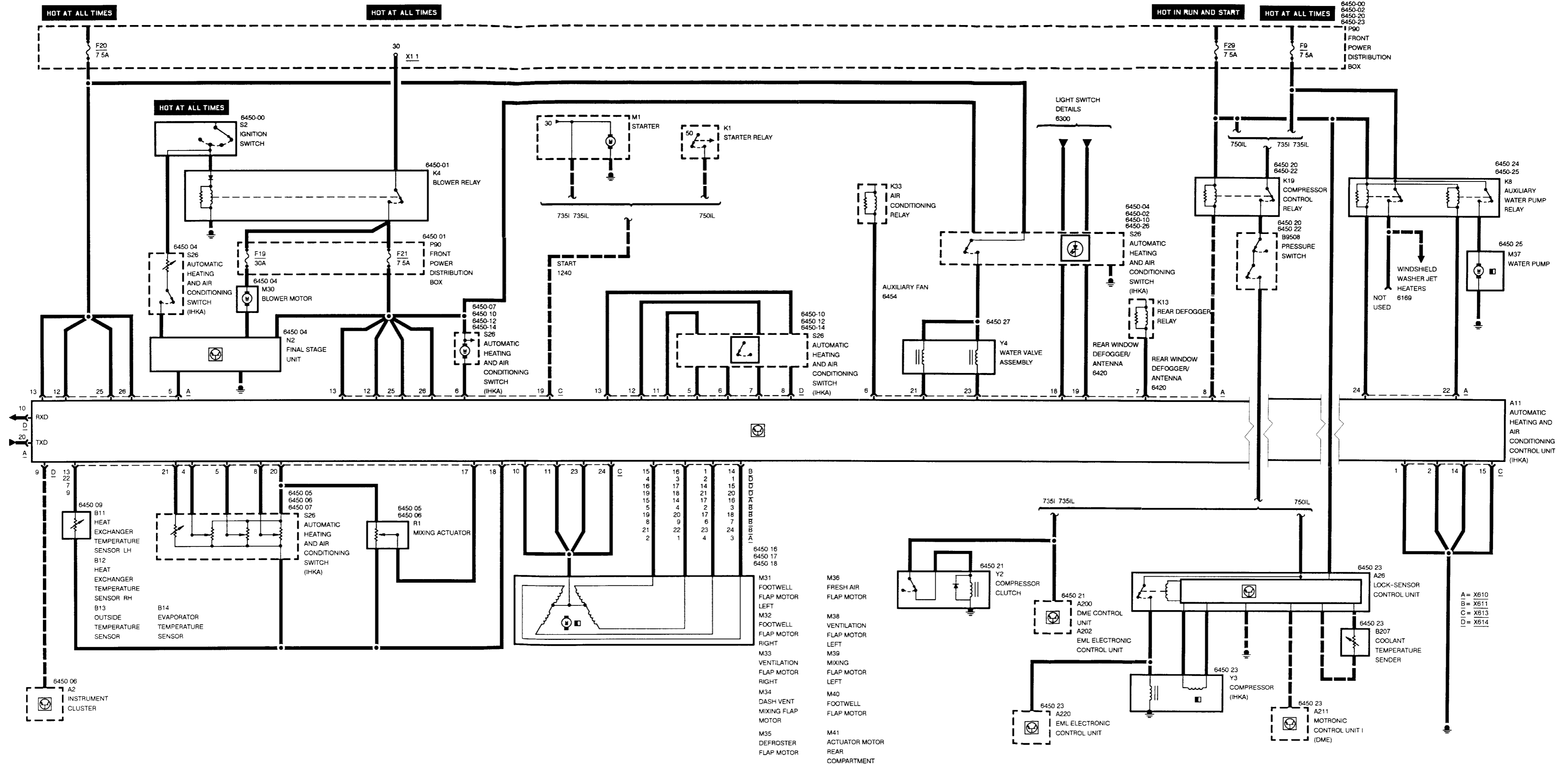




REAR WINDOW DEFOGGER/ANTENNA

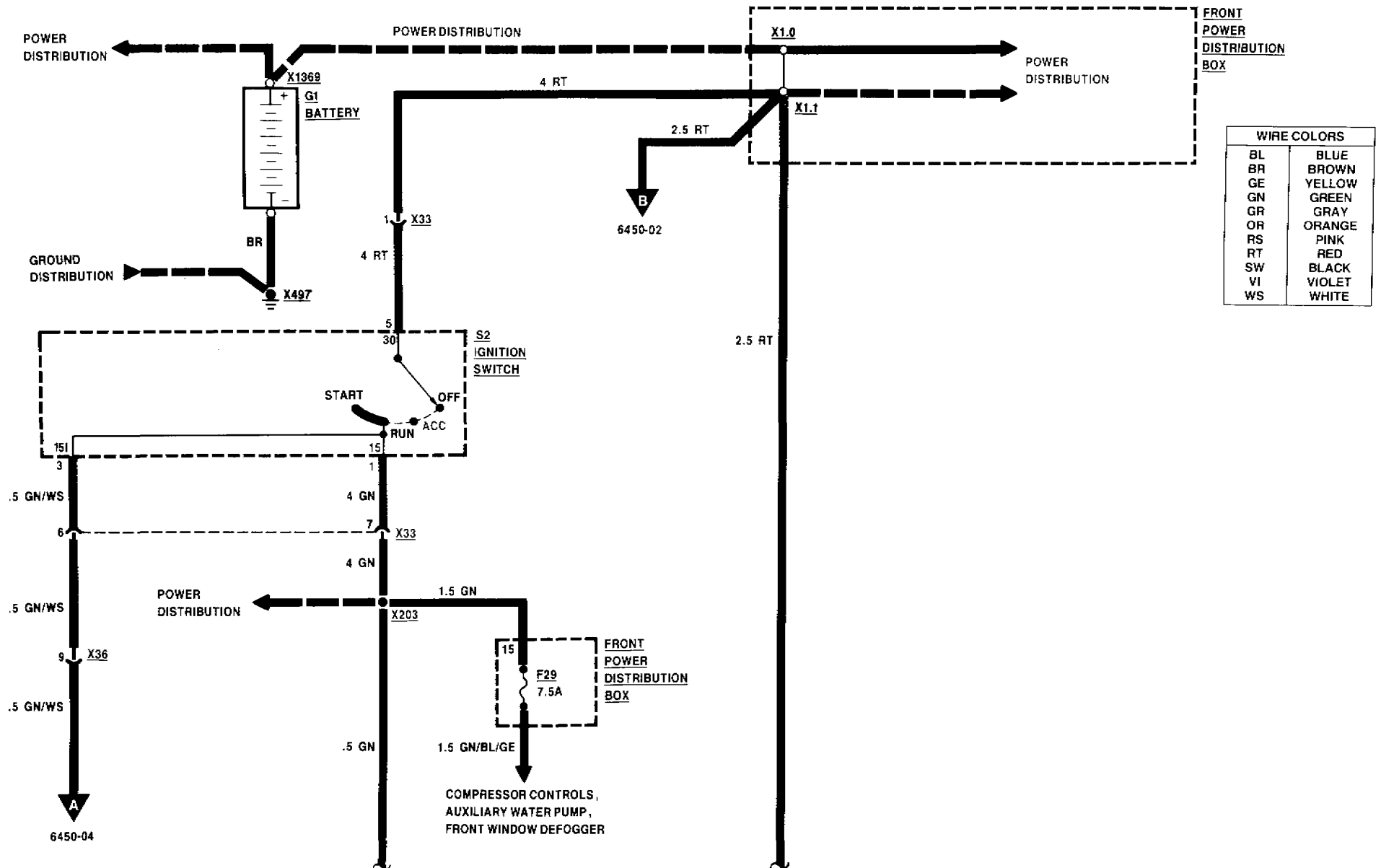
3-ANTENNA - DIVERSITY



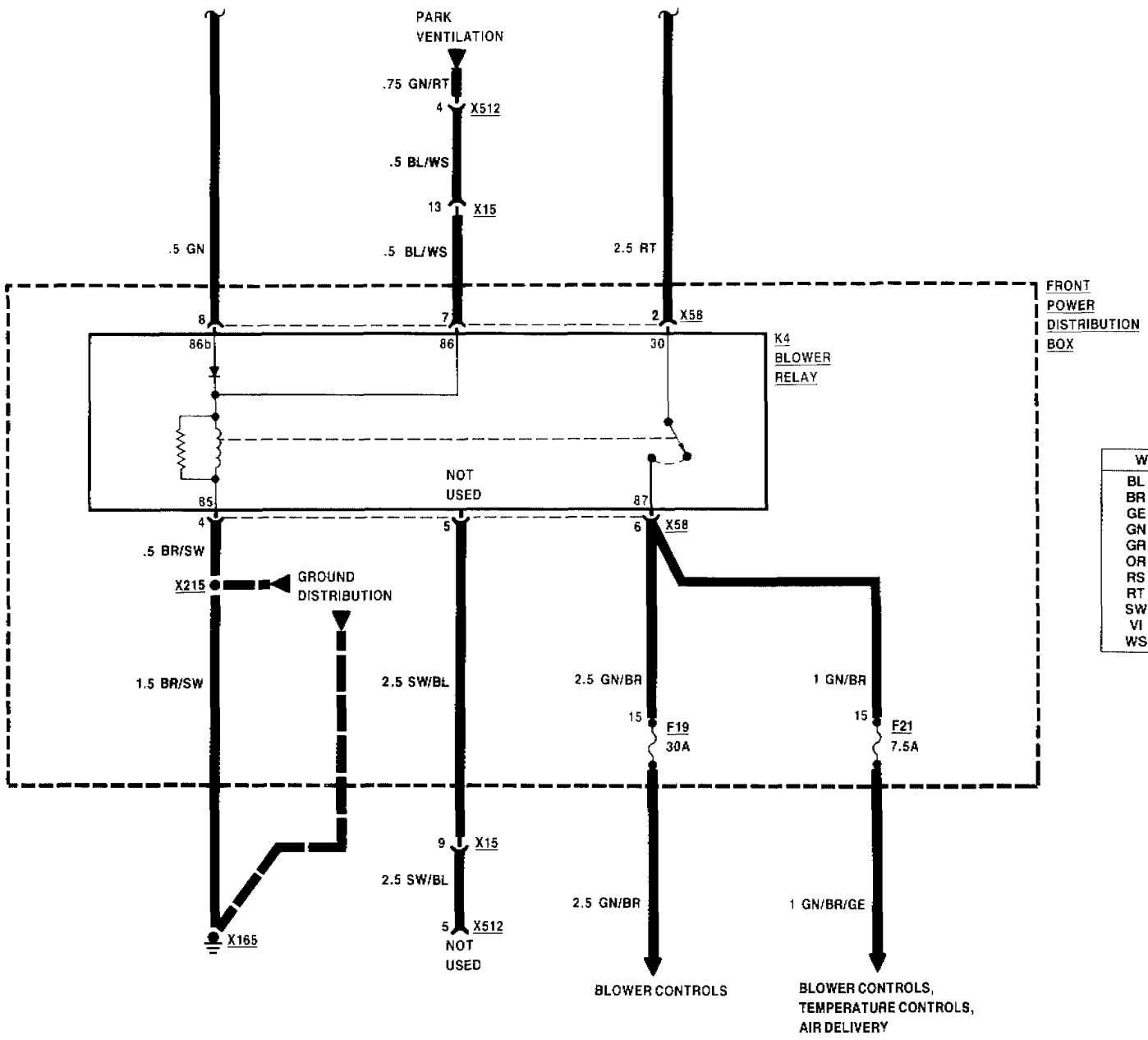




AUTOMATIC CLIMATE CONTROL (IHKA) POWER



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



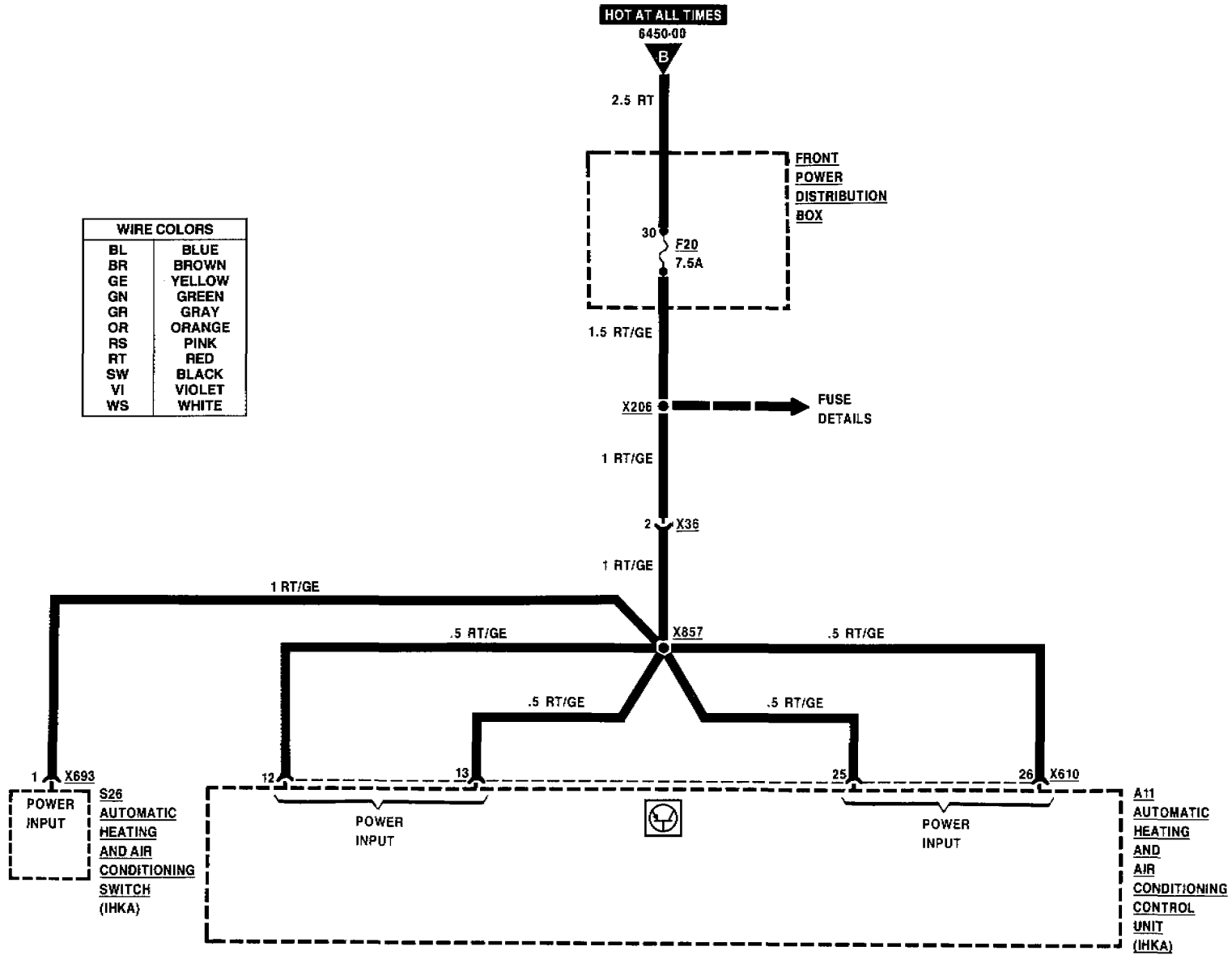
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



AUTOMATIC CLIMATE CONTROL (IHKA)

POWER

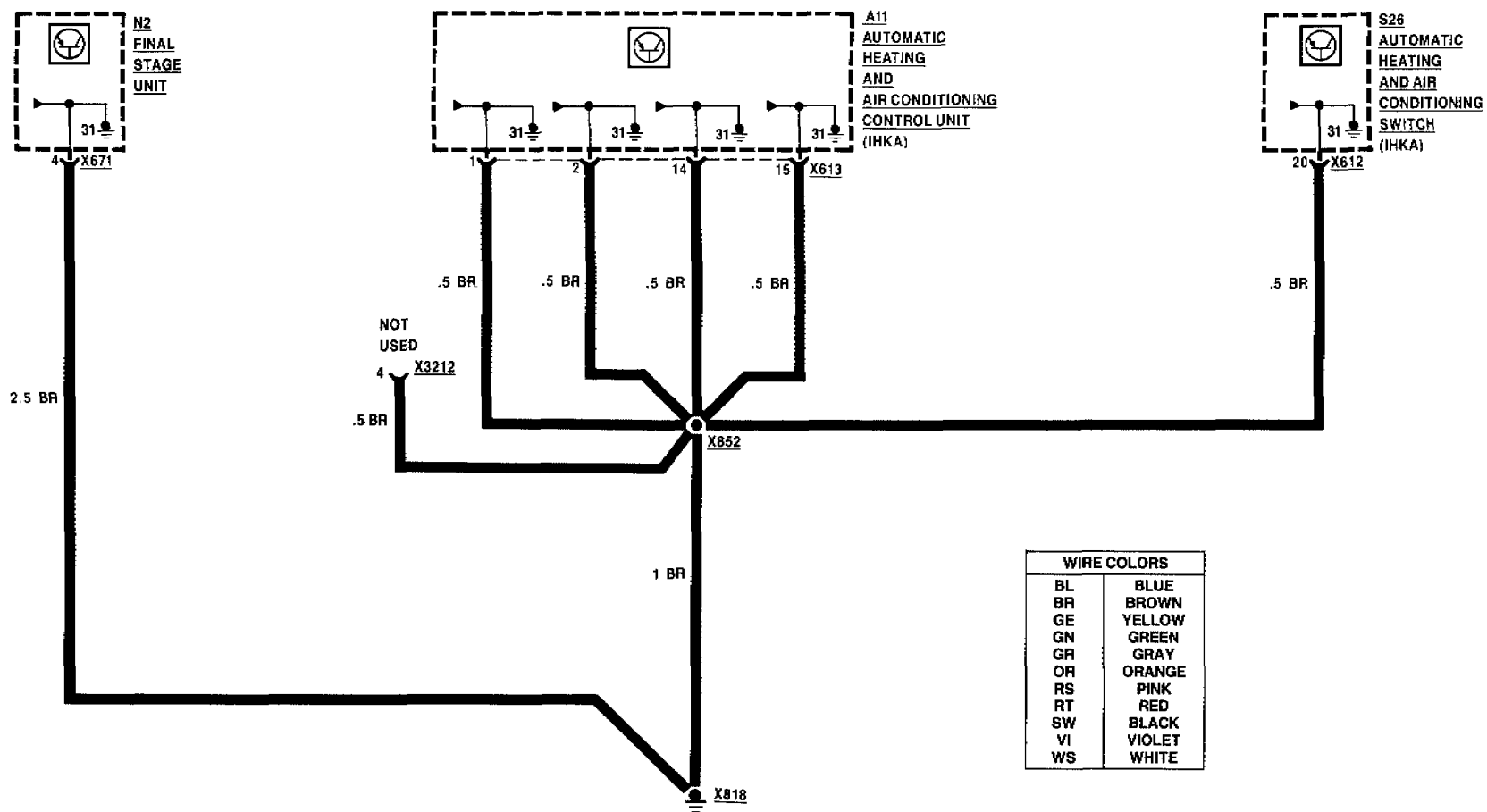
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





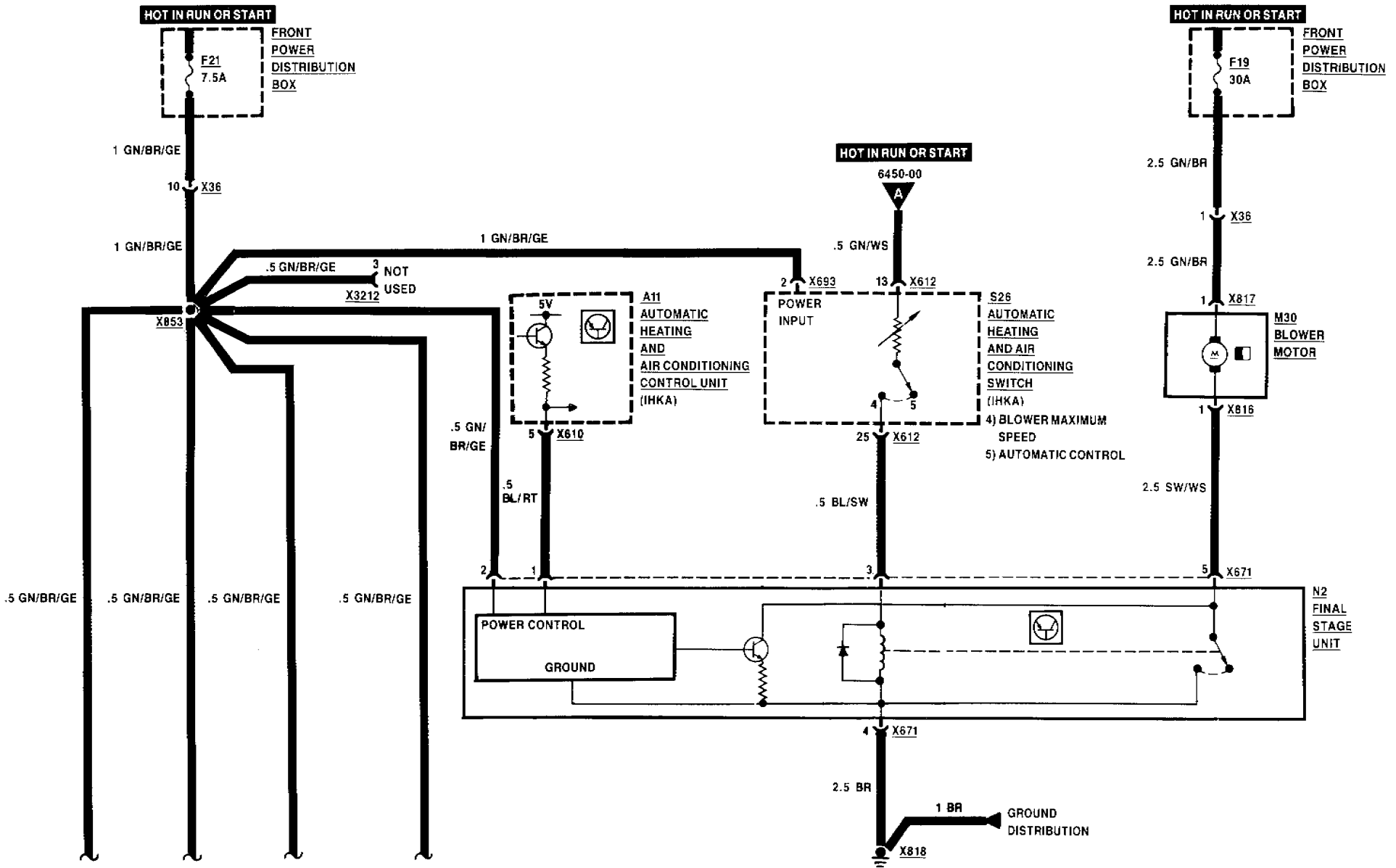
AUTOMATIC CLIMATE CONTROL (IHKA)

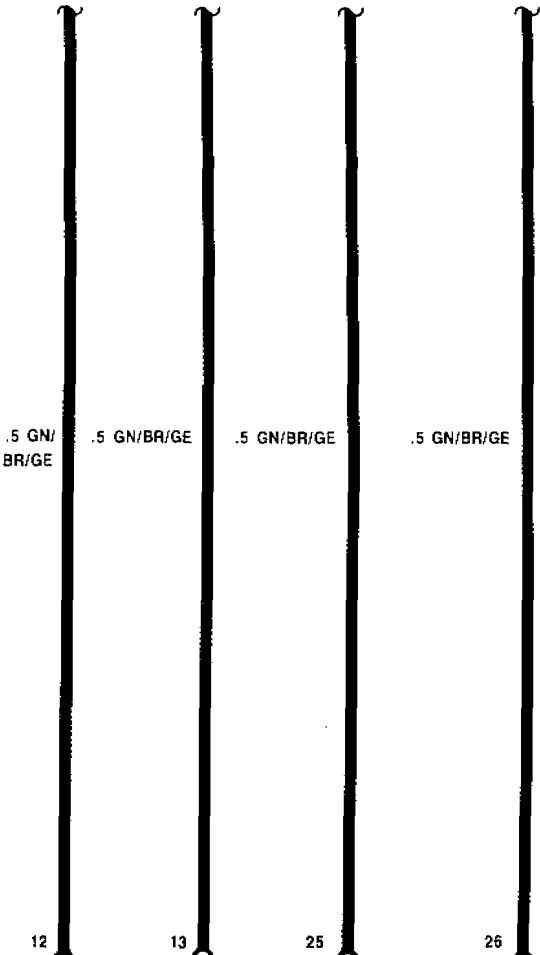
GROUND



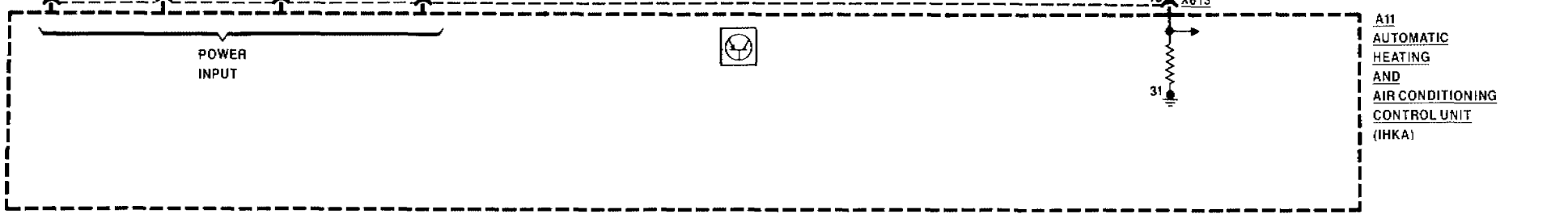


AUTOMATIC CLIMATE CONTROL (IHKA) BLOWER CONTROL



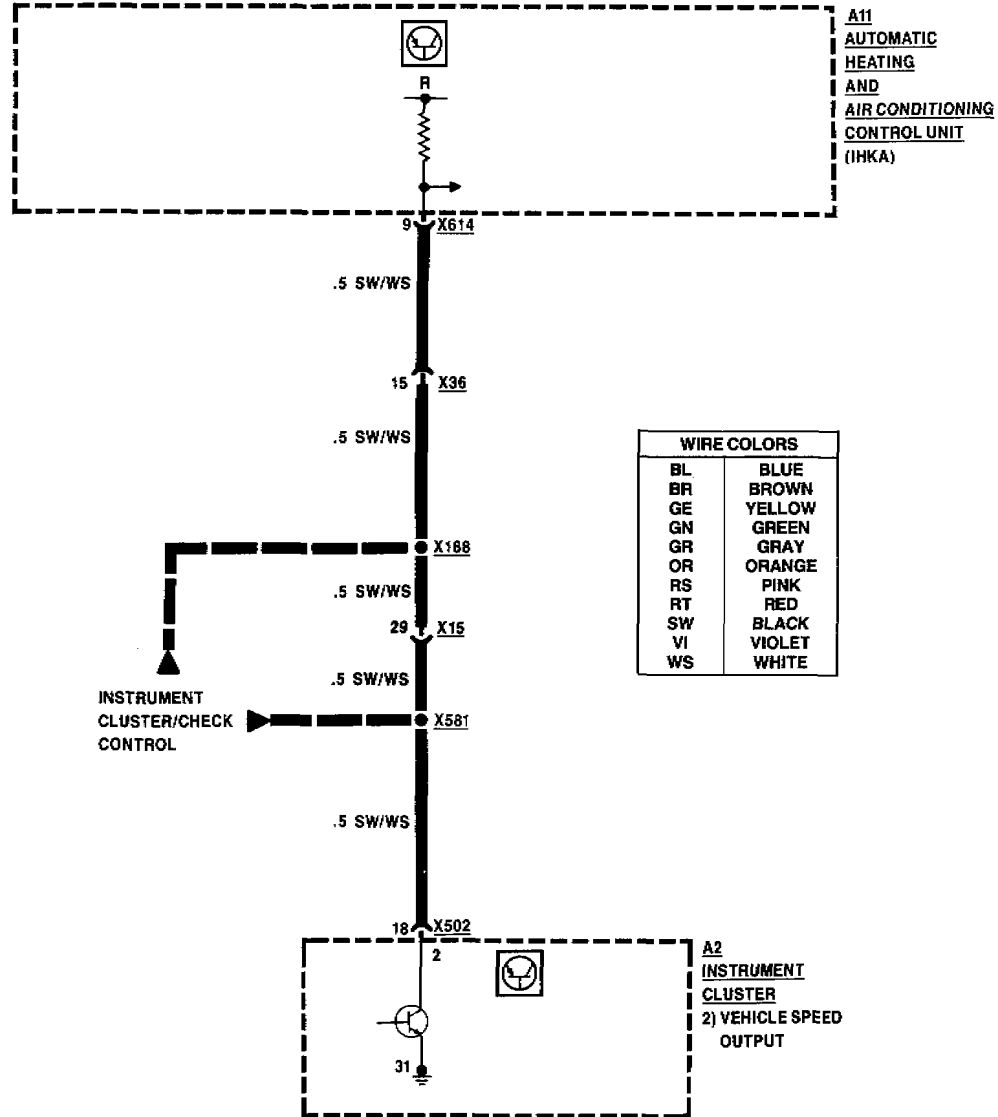


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



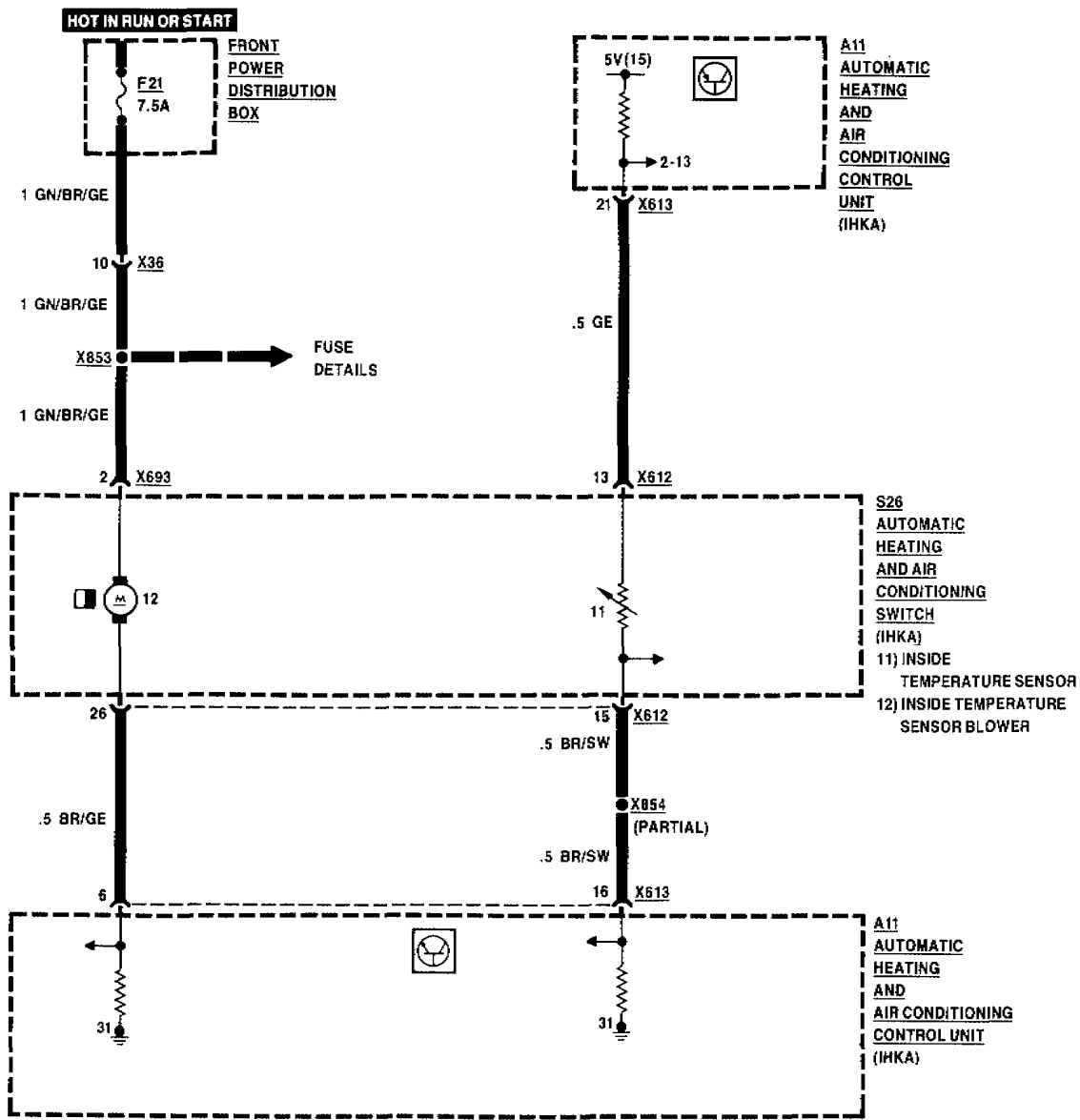


AUTOMATIC CLIMATE CONTROL (IHKA) BLOWER CONTROLS





AUTOMATIC CLIMATE CONTROL (IHKA) TEMPERATURE CONTROLS

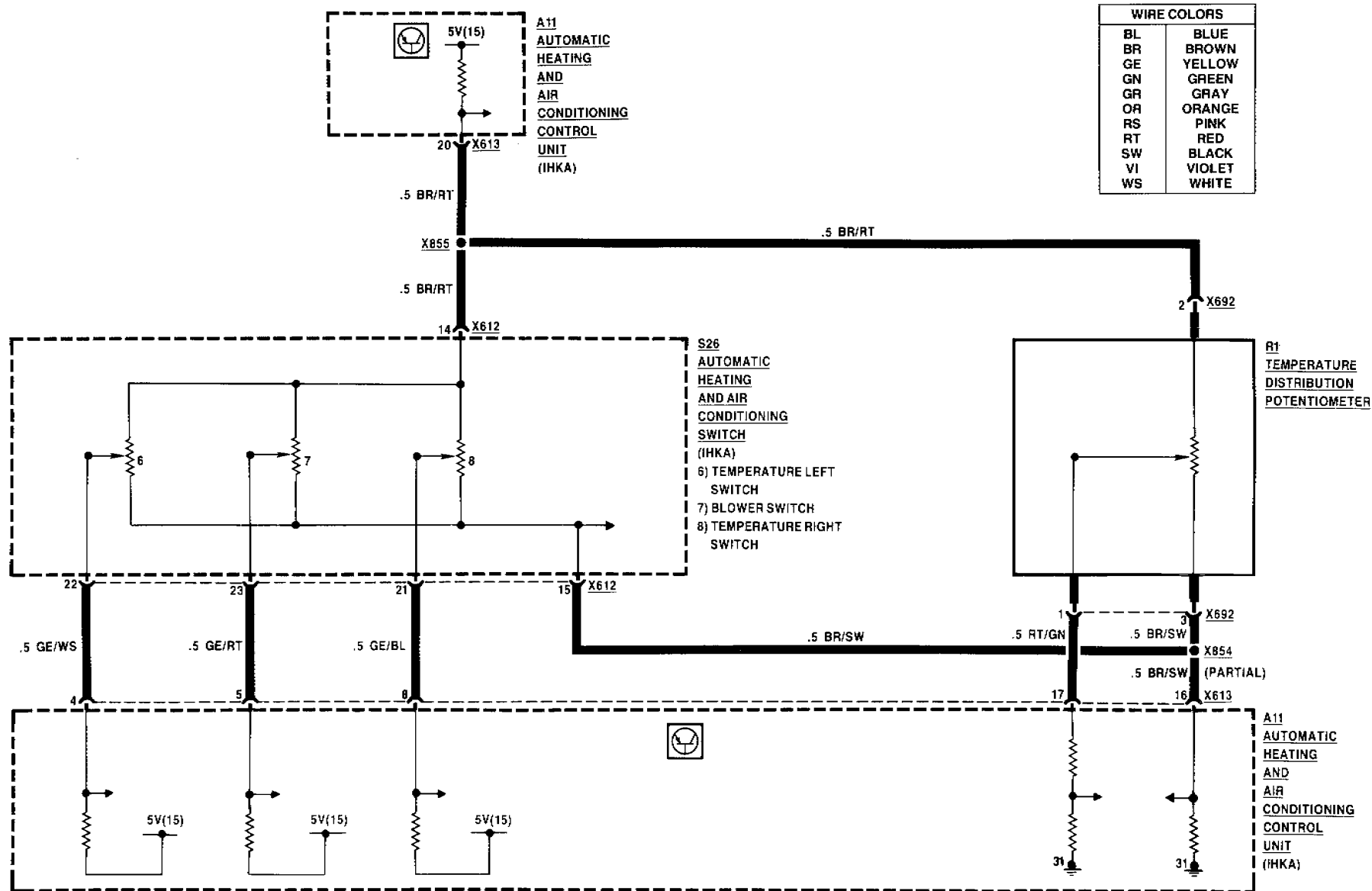


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



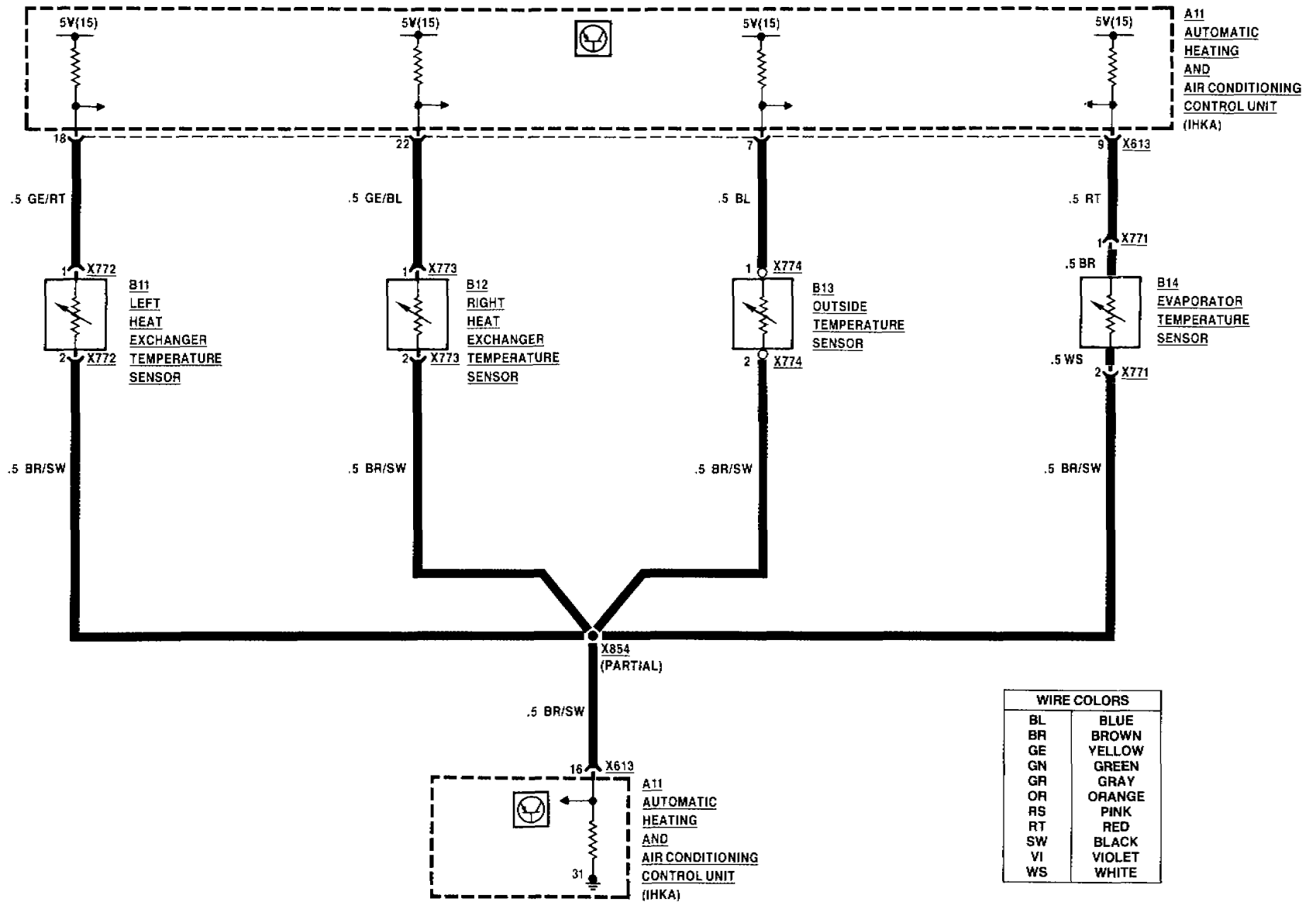
AUTOMATIC CLIMATE CONTROL (IHKA)

TEMPERATURE CONTROLS



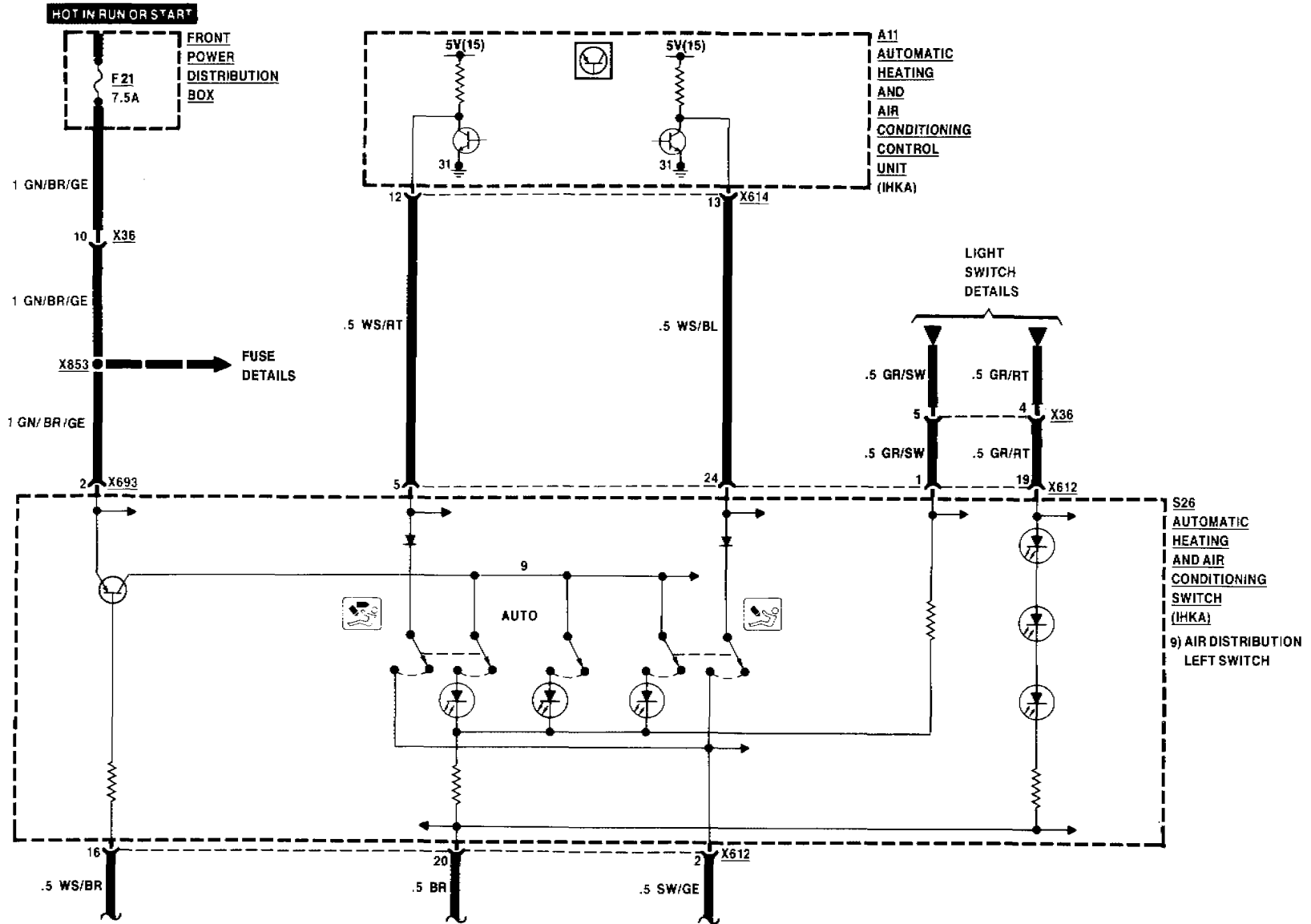


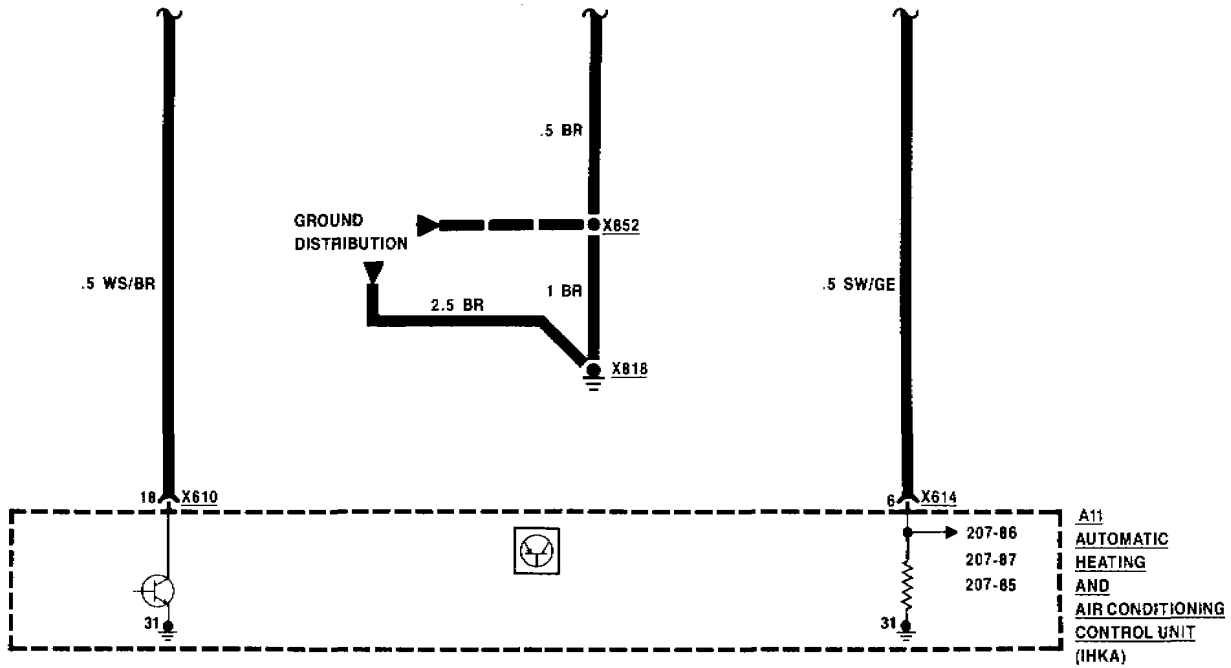
AUTOMATIC CLIMATE CONTROL (IHKA) TEMPERATURE CONTROLS





AUTOMATIC CLIMATE CONTROL (IHKA) AIR DELIVERY



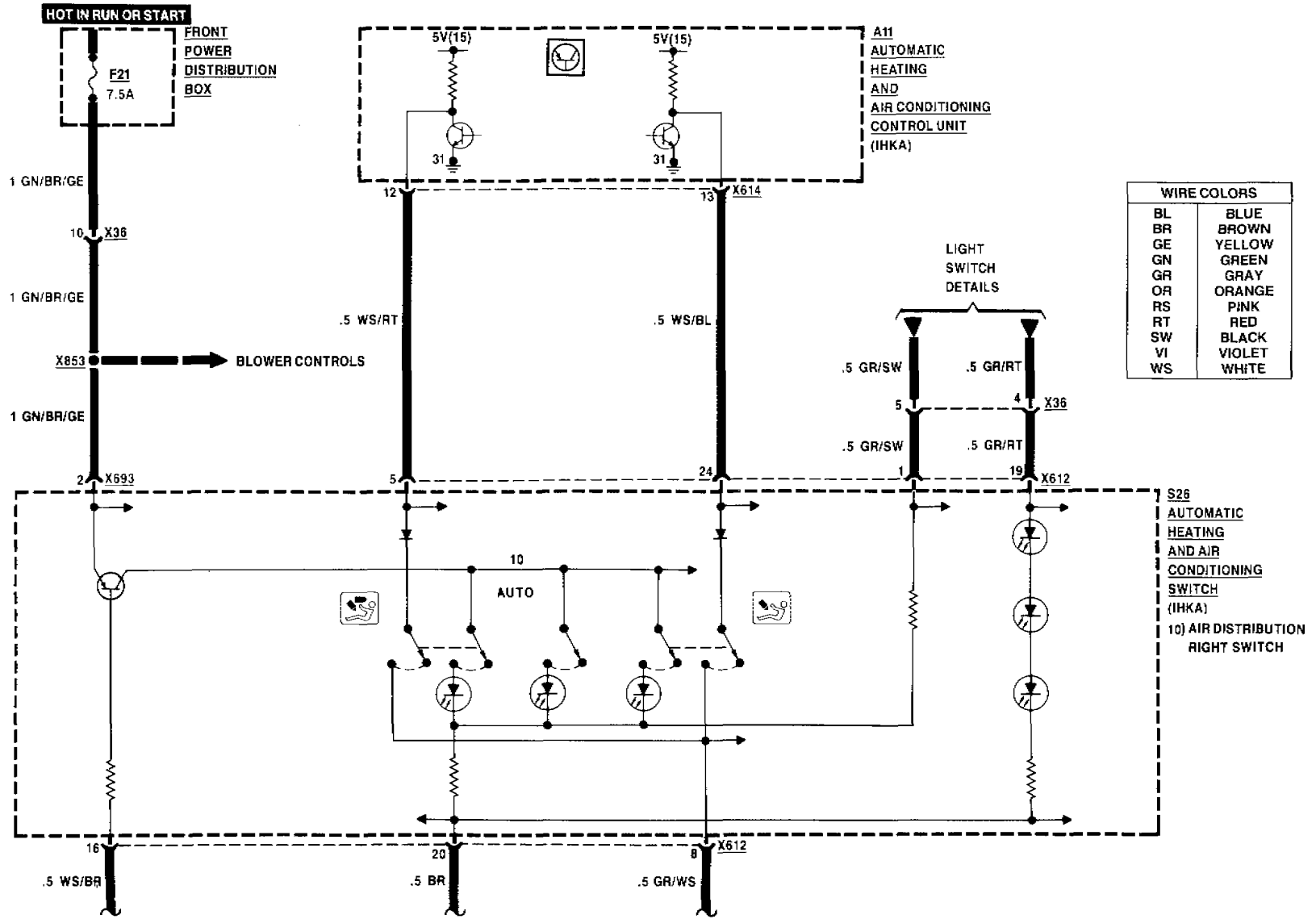


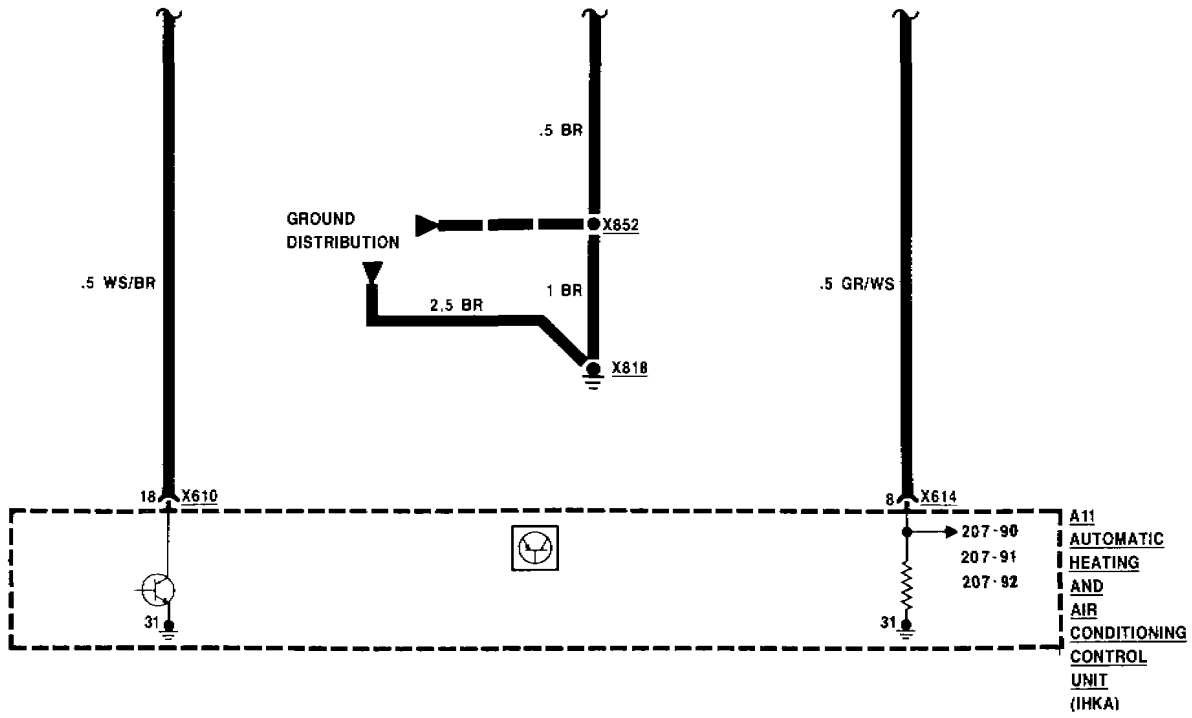
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



AUTOMATIC CLIMATE CONTROL (IHKA)

AIR DELIVERY

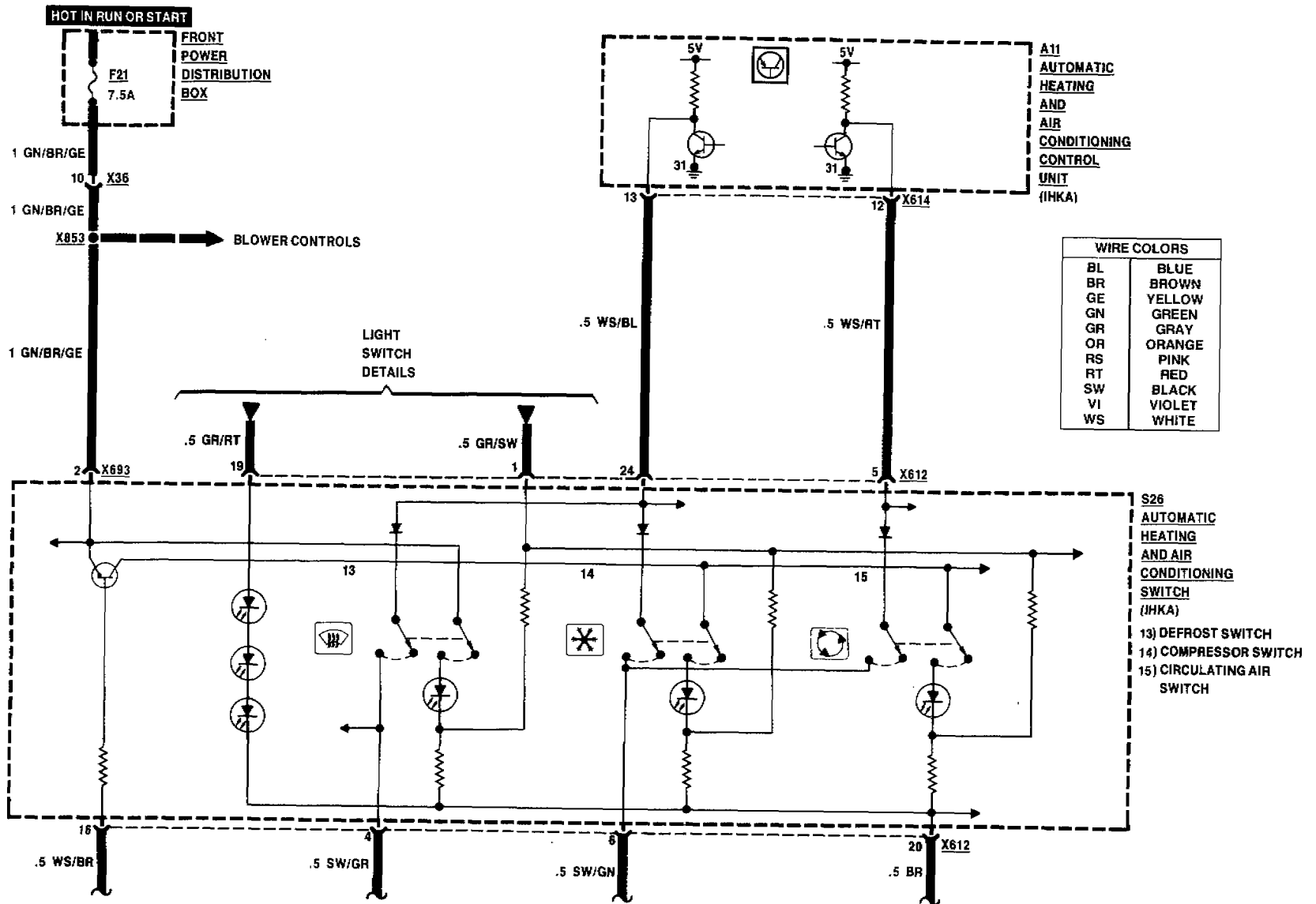




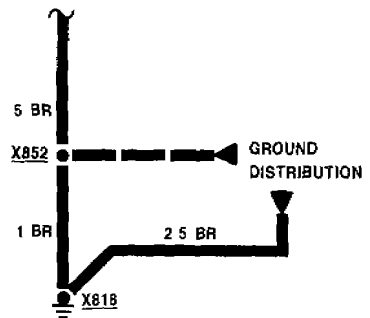
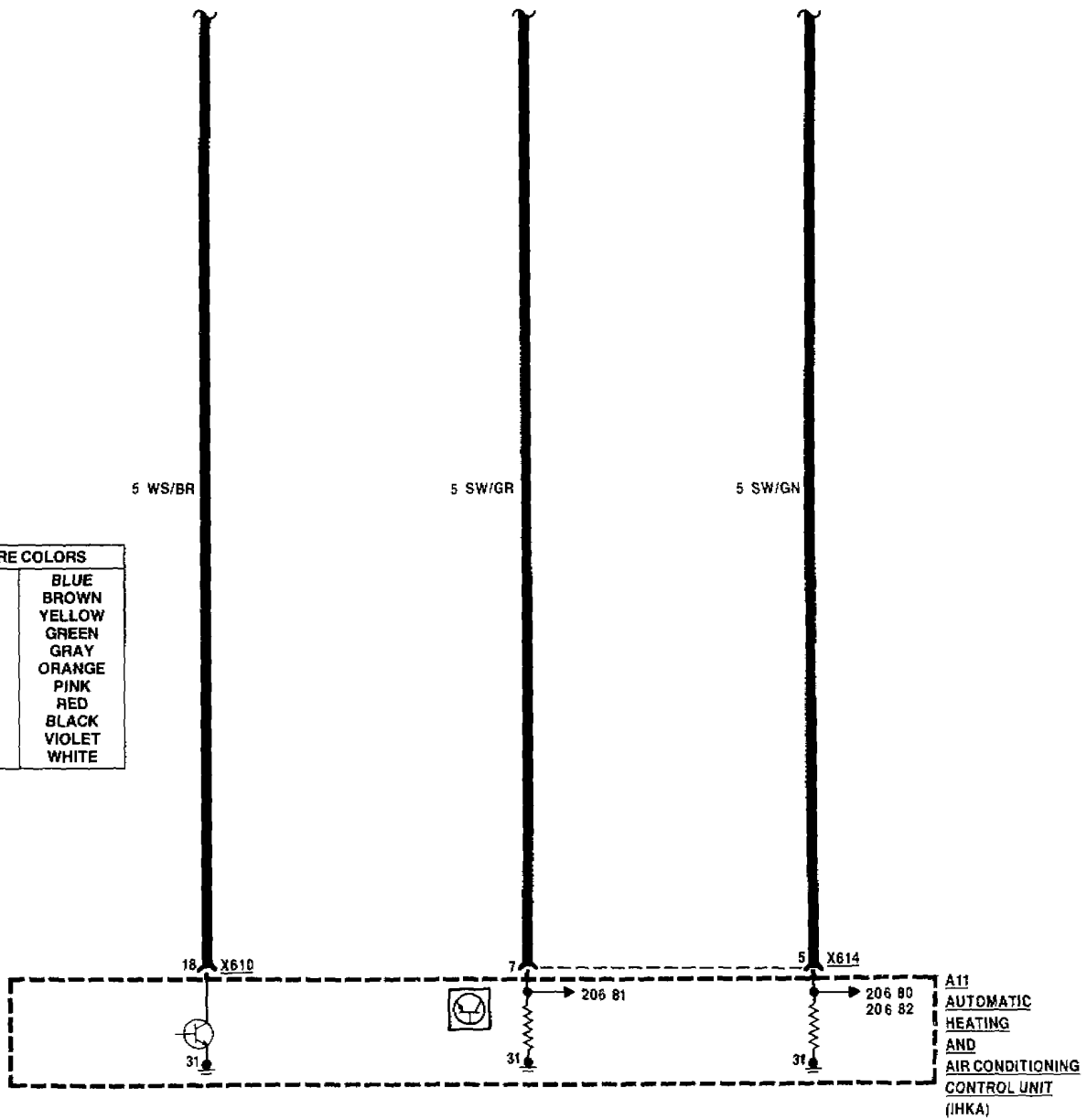
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



AUTOMATIC CLIMATE CONTROL (IHKA) AIR DELIVERY



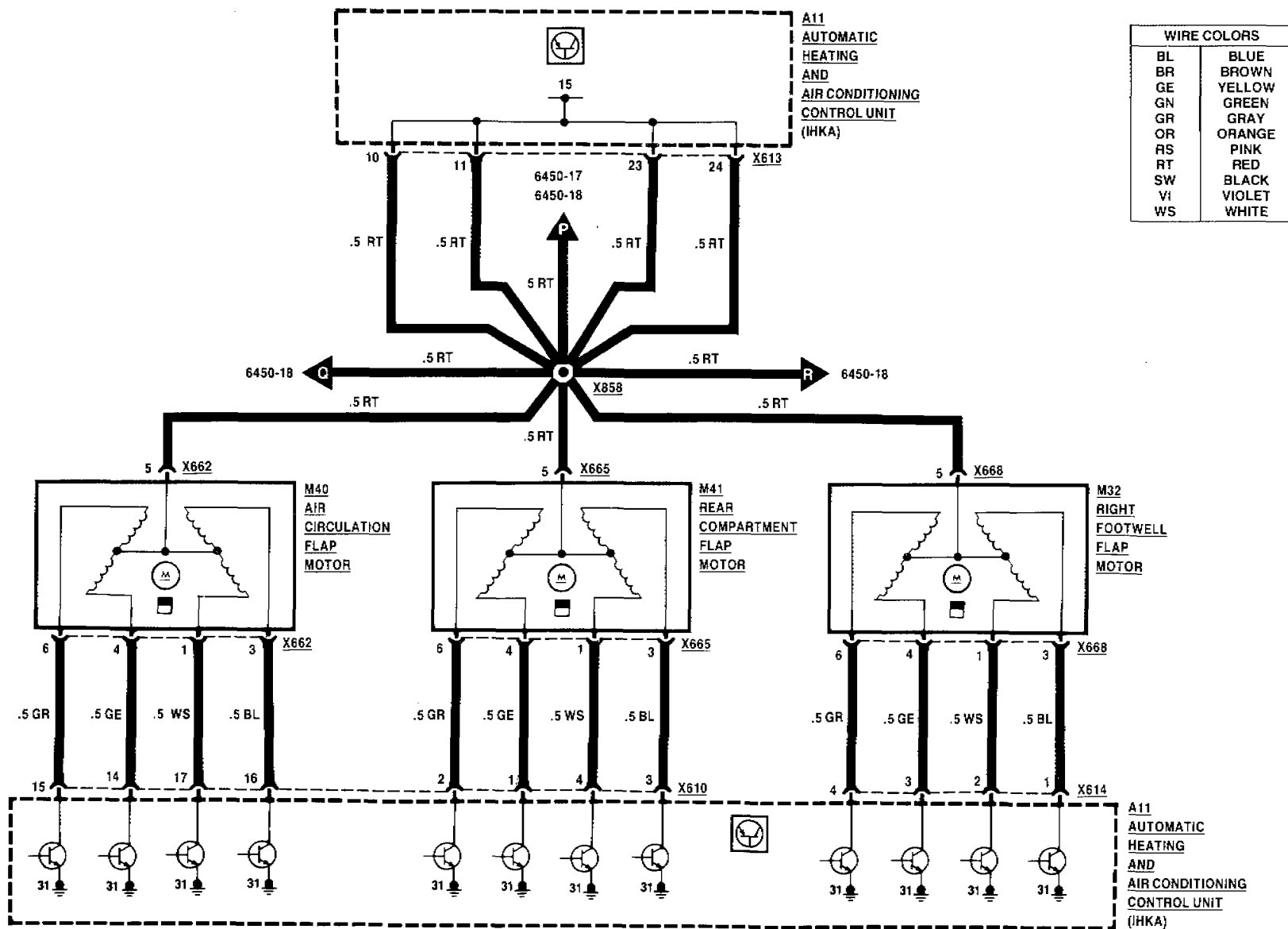
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| PS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





AUTOMATIC CLIMATE CONTROL (IHKA)

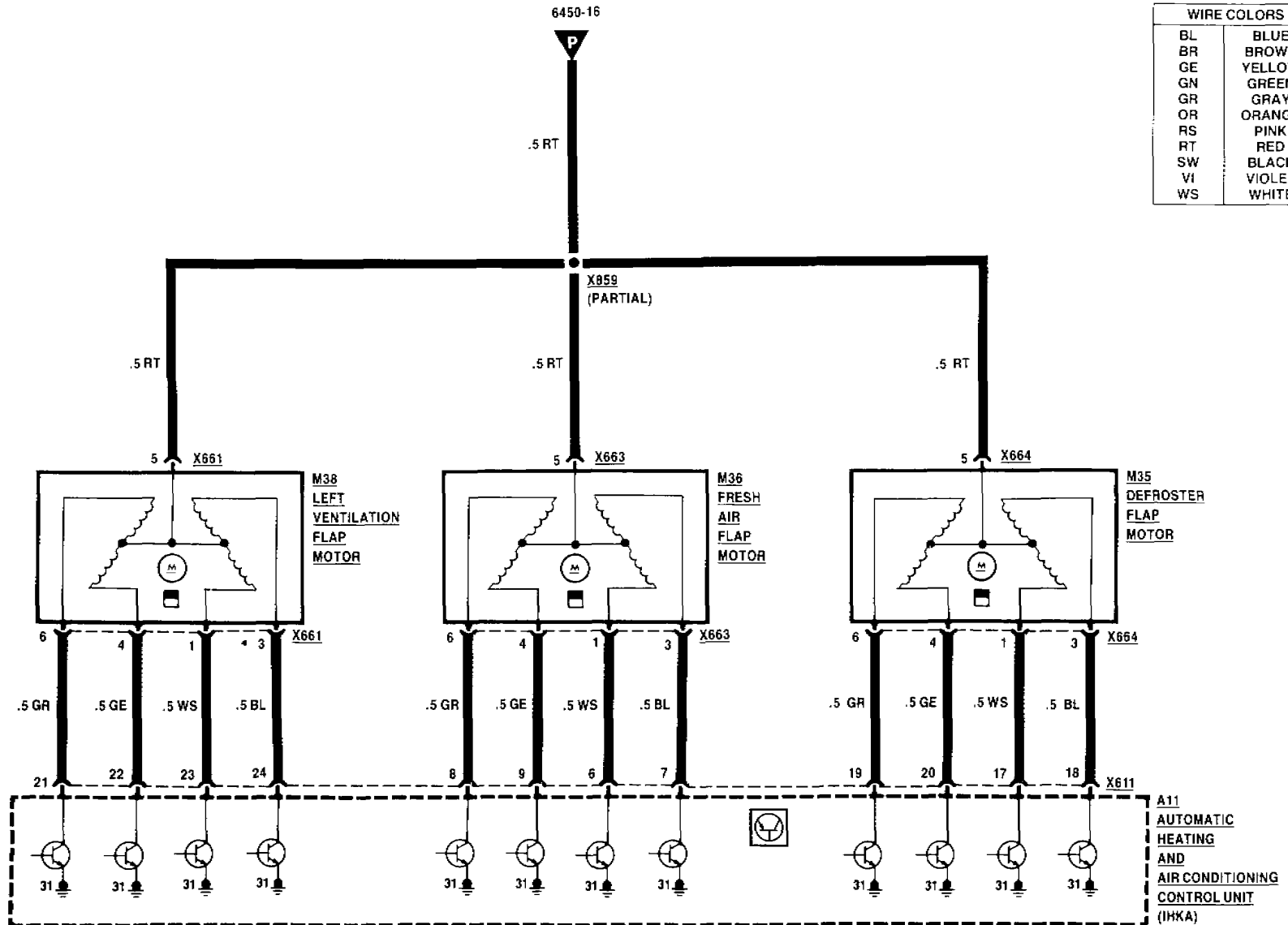
AIR DELIVERY



| 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



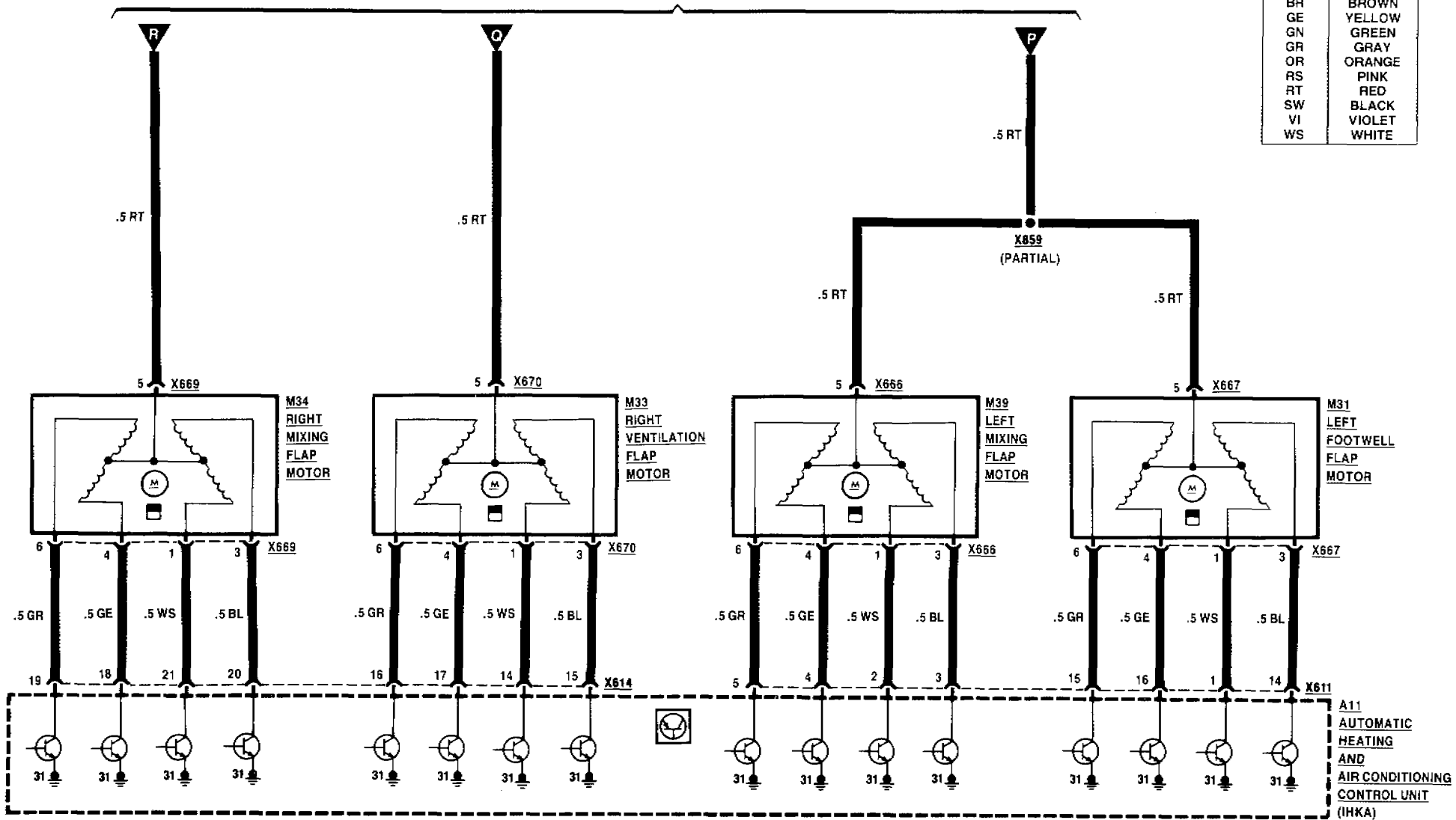


AUTOMATIC CLIMATE CONTROL (IHKA)

AIR DELIVERY

6450-16

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

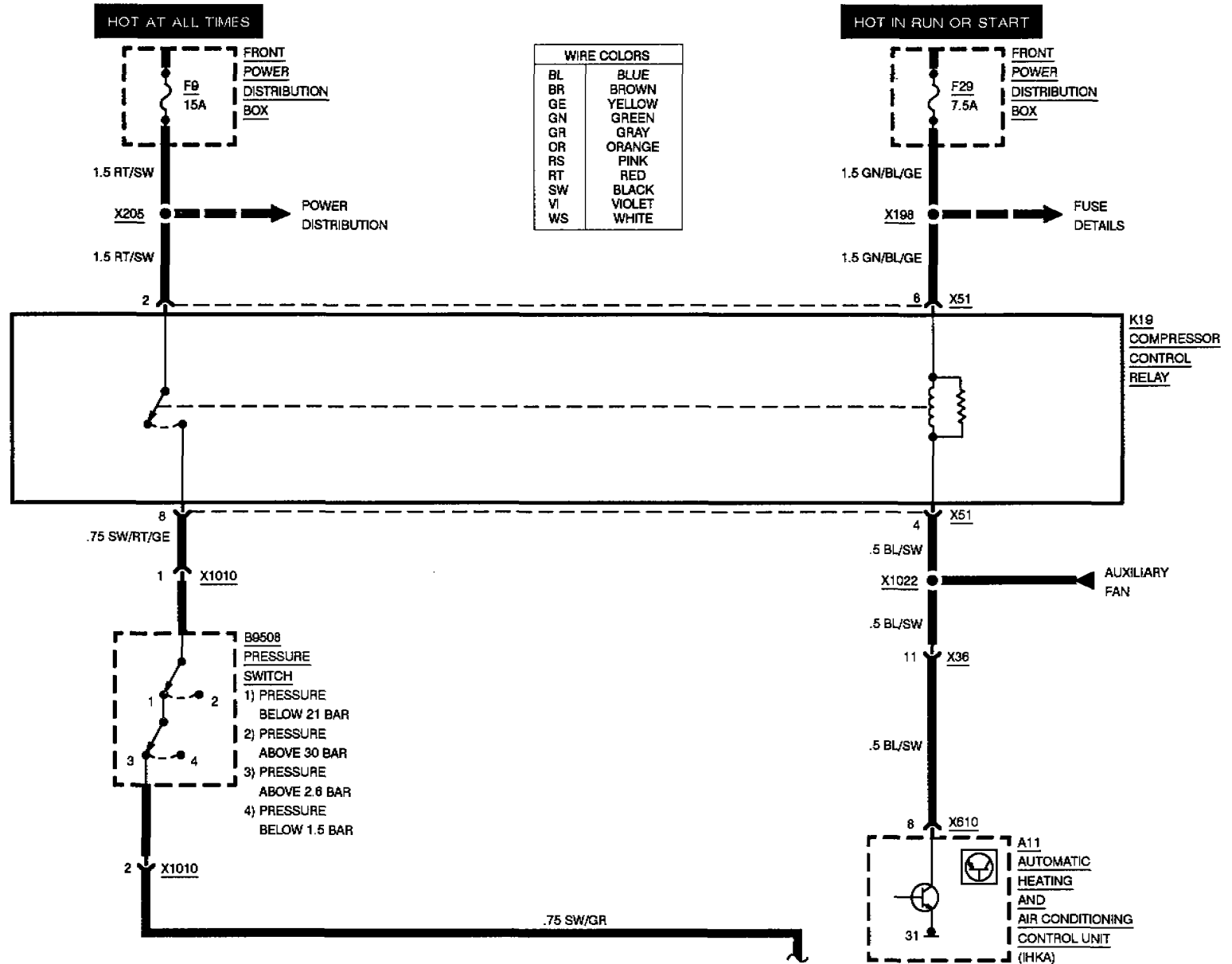


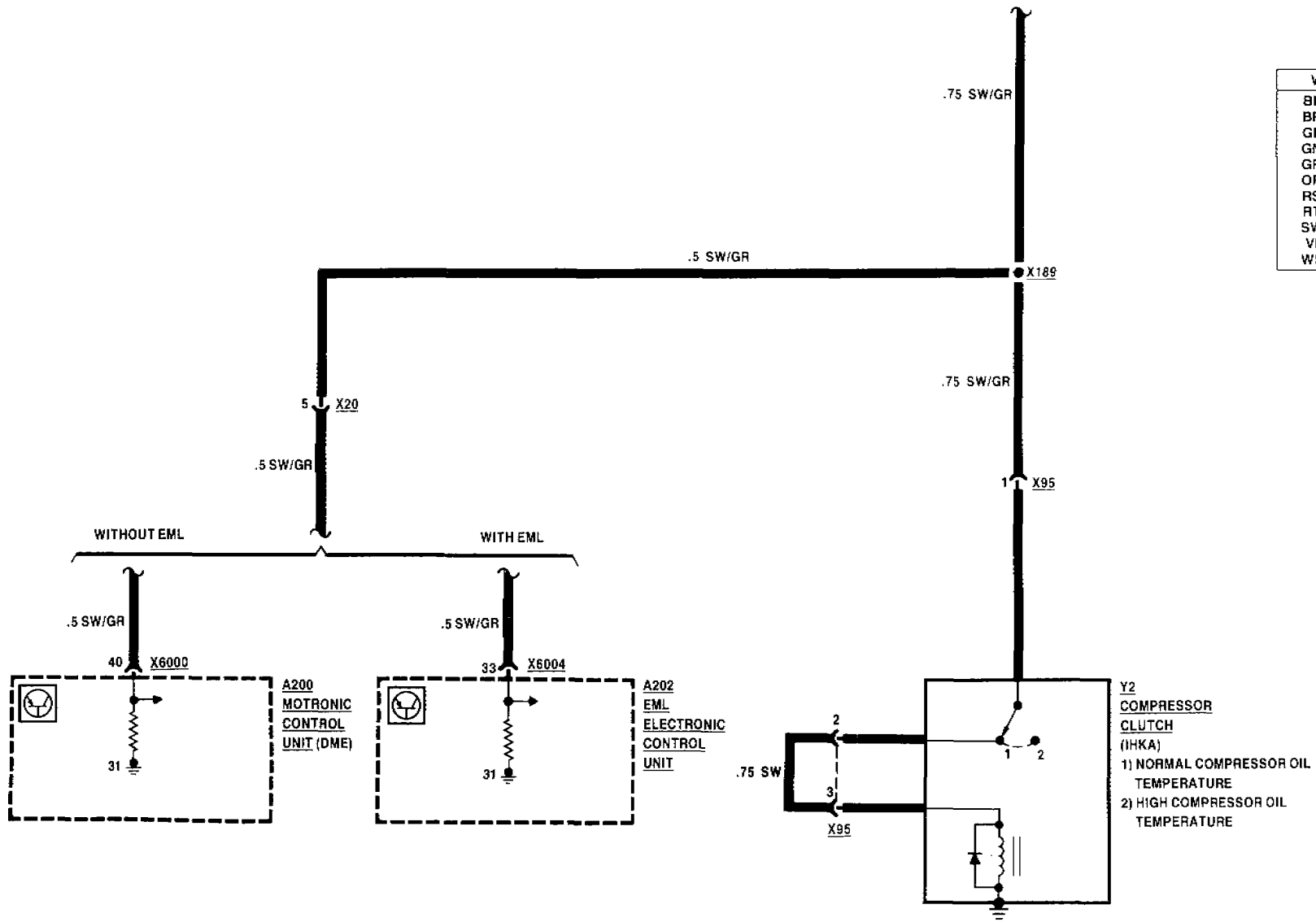
**FOR AUTOMATIC CLIMATE CONTROL (IHKA):
COMPRESSOR CONTROLS,
SEE PAGE 6450-20**



AUTOMATIC CLIMATE CONTROL (IHKA) COMPRESSOR CONTROLS

735i, 735iL





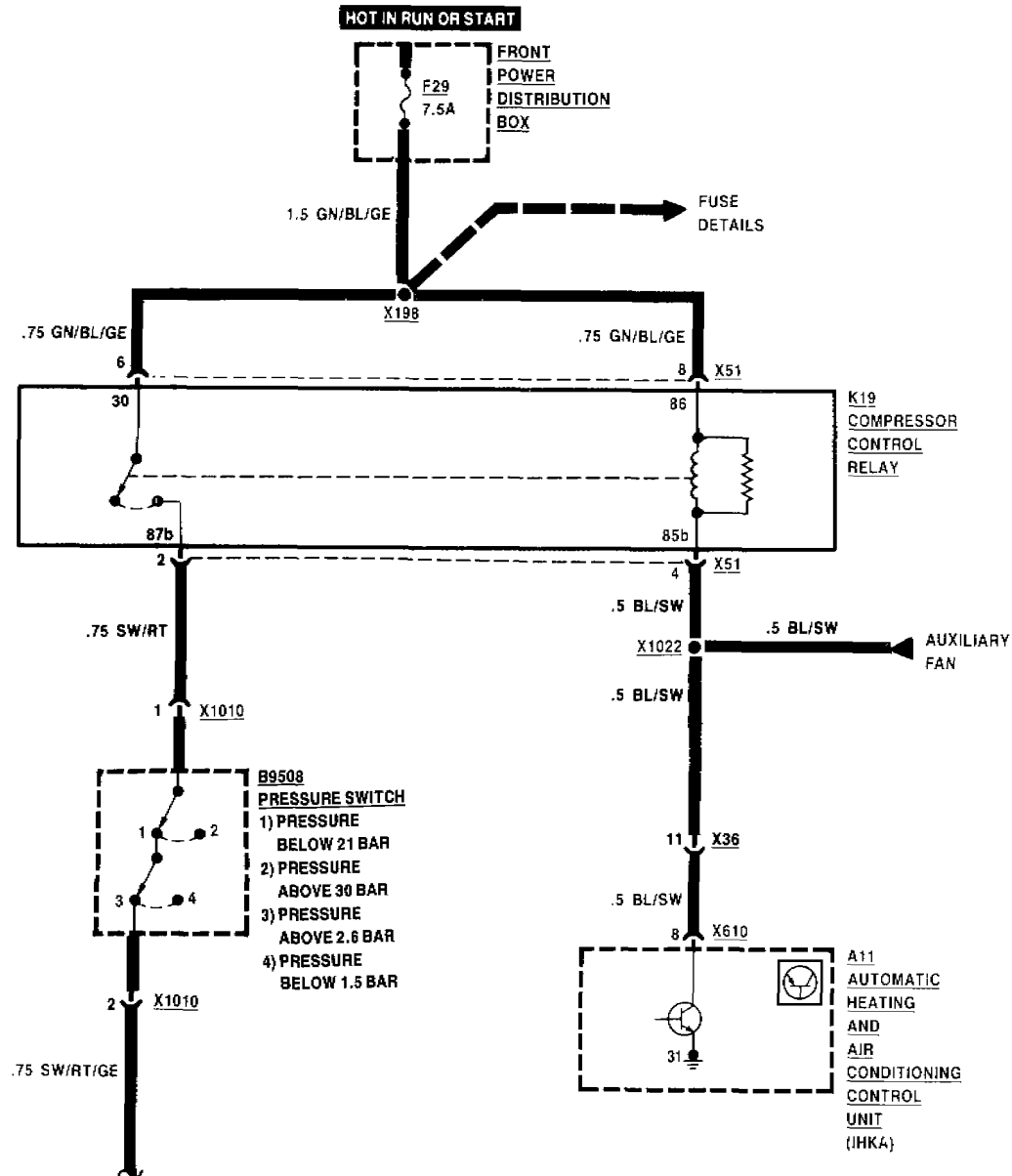
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

Y2
COMPRESSOR
CLUTCH
(IHKA)
1) NORMAL COMPRESSOR OIL
TEMPERATURE
2) HIGH COMPRESSOR OIL
TEMPERATURE



AUTOMATIC CLIMATE CONTROL (IHKA) COMPRESSOR CONTROL

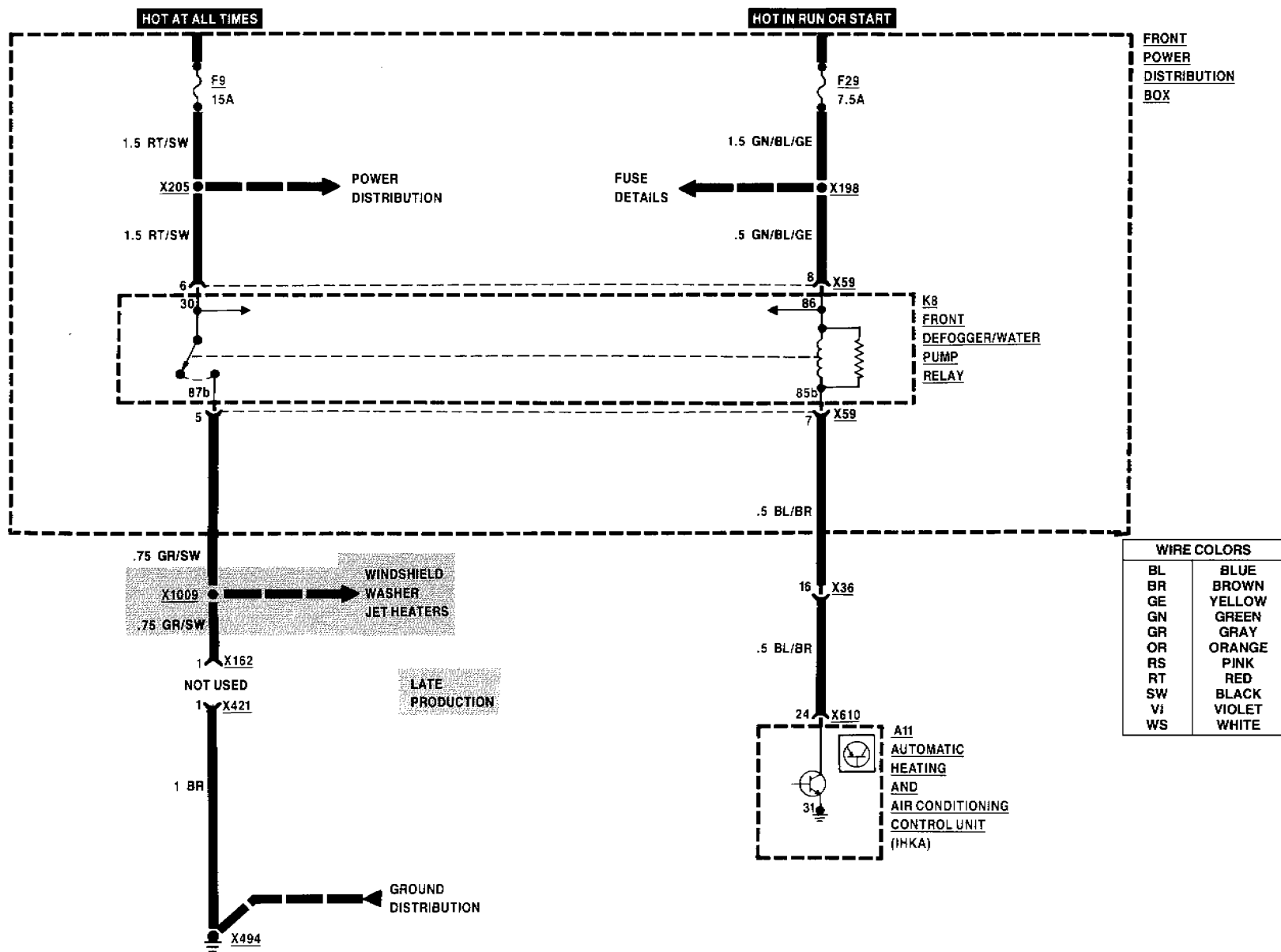
750iL



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



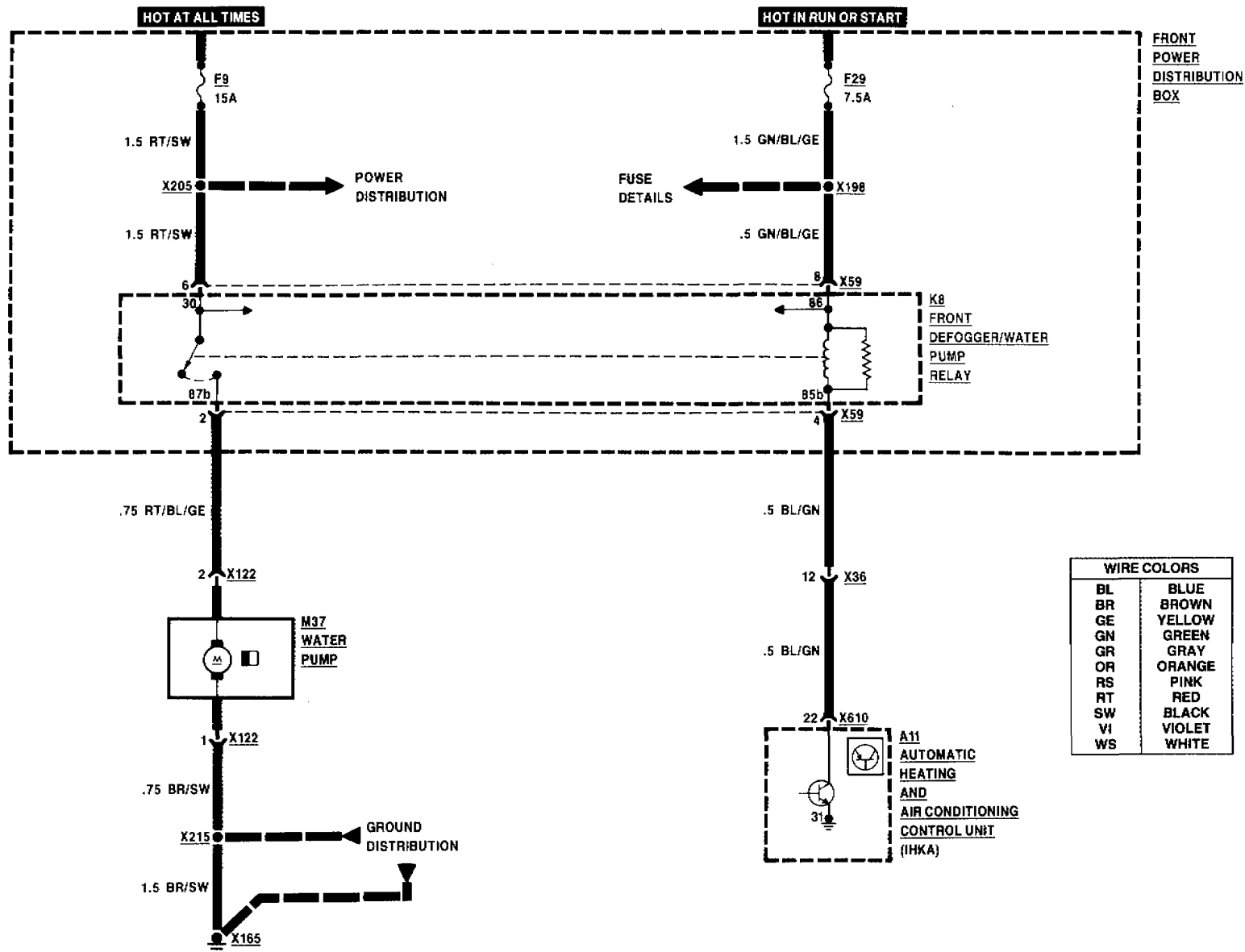
AUTOMATIC CLIMATE CONTROL (IHKA) FRONT WINDOW DEFOGGER





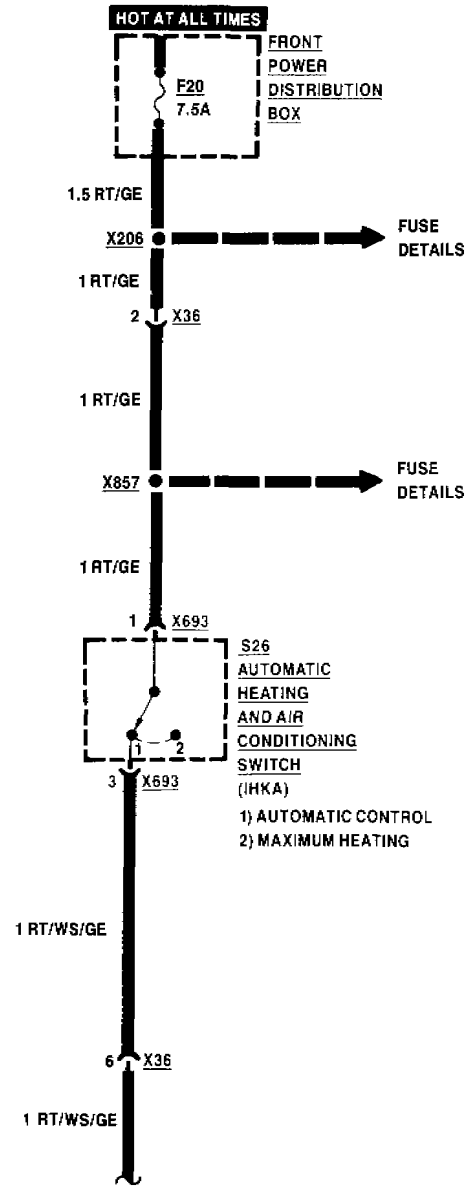
AUTOMATIC CLIMATE CONTROL (IHKA)

AUXILIARY WATER PUMP



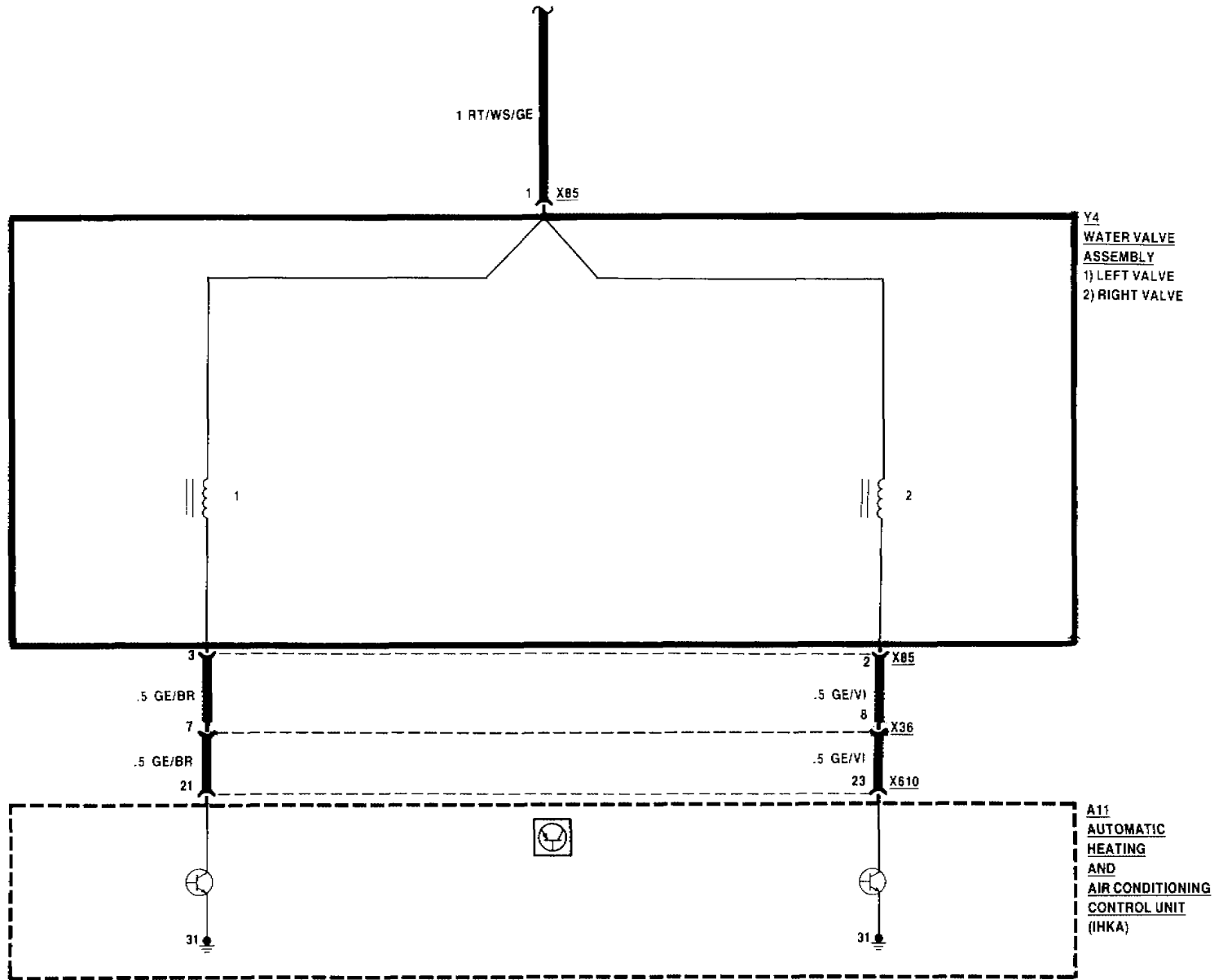


AUTOMATIC CLIMATE CONTROL (IHKA) WATER VALVES



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

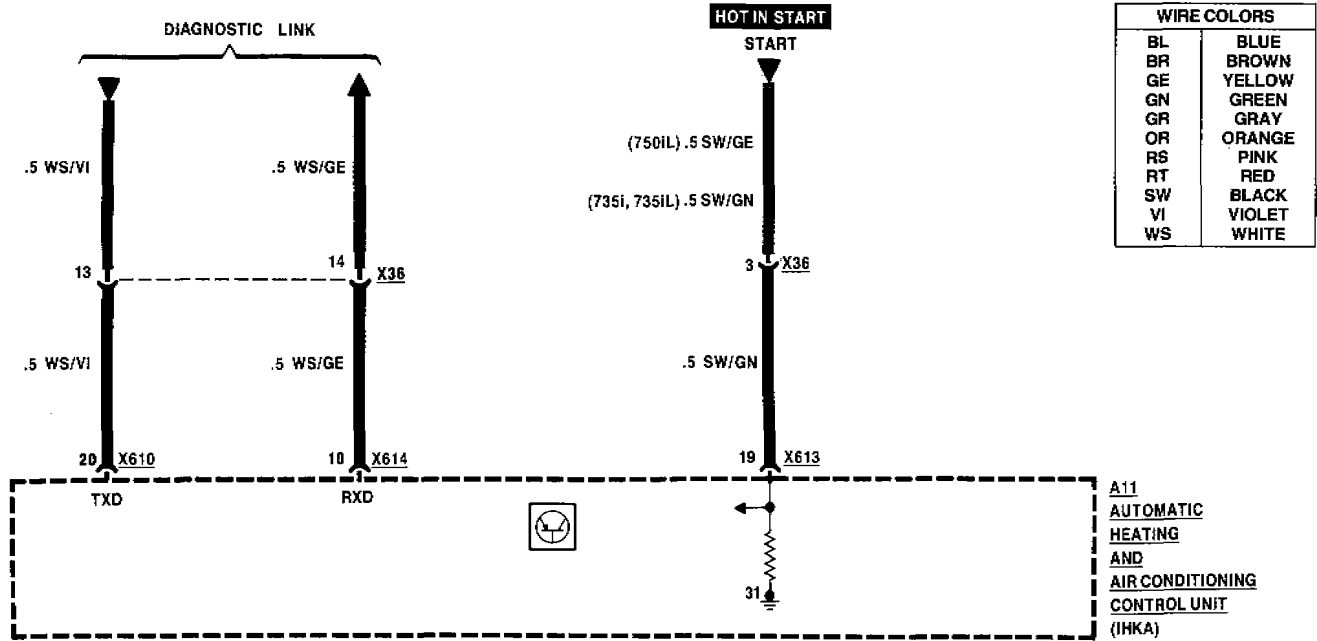
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





AUTOMATIC CLIMATE CONTROL (IHKA)

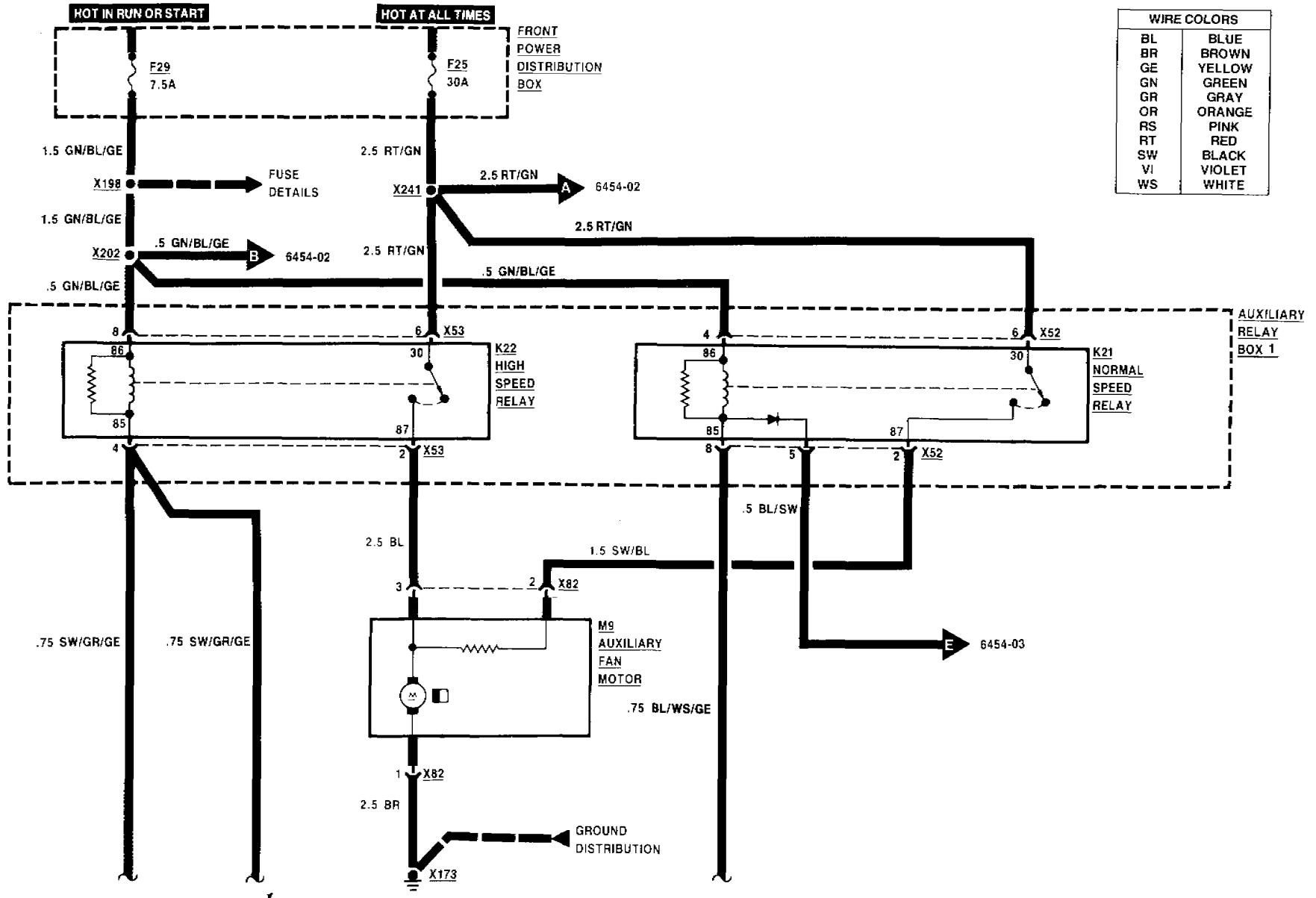
DIAGNOSTIC LINK AND STARTER INPUT

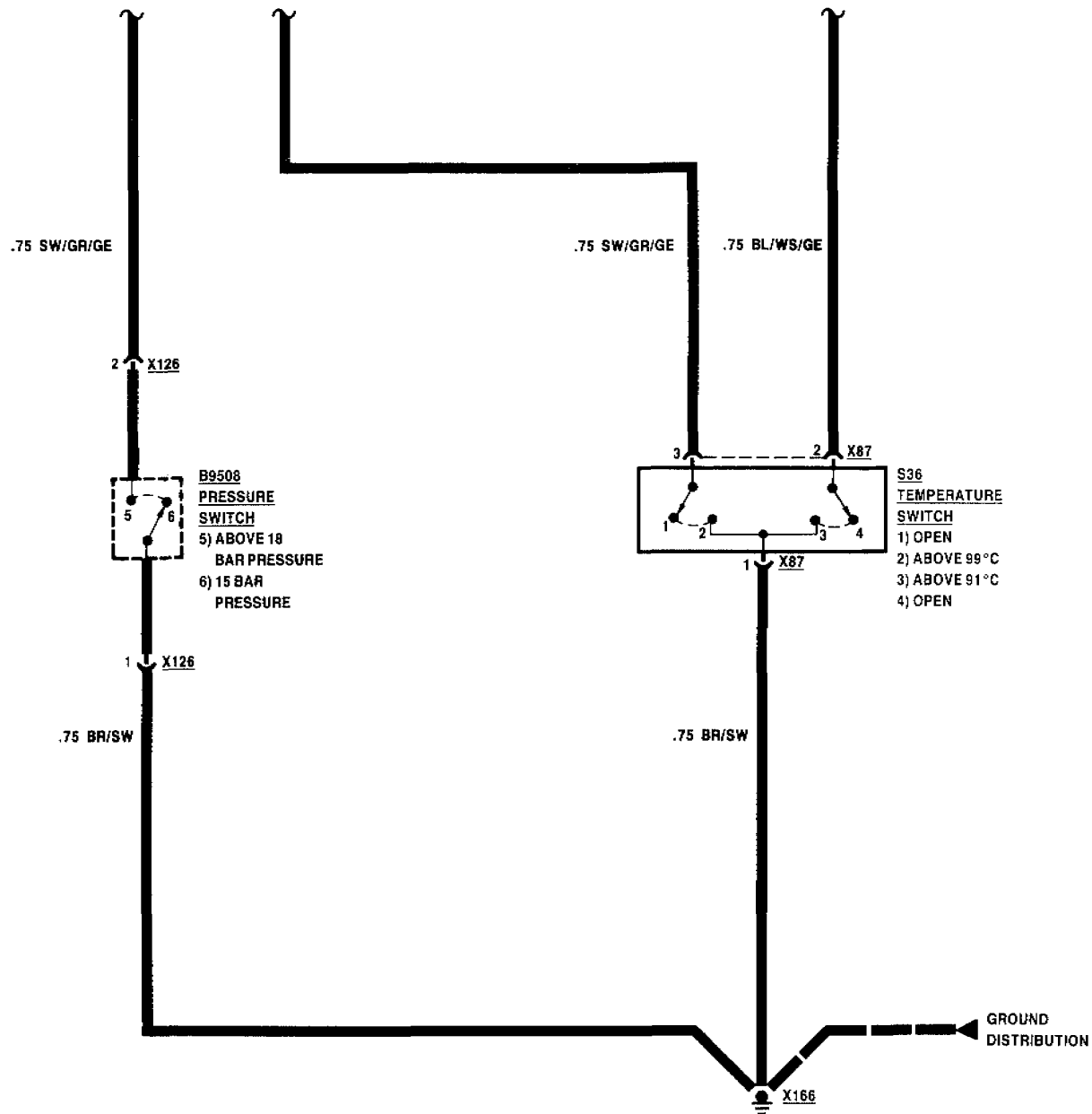


A11
AUTOMATIC
HEATING
AND
AIR CONDITIONING
CONTROL UNIT
(IHKA)



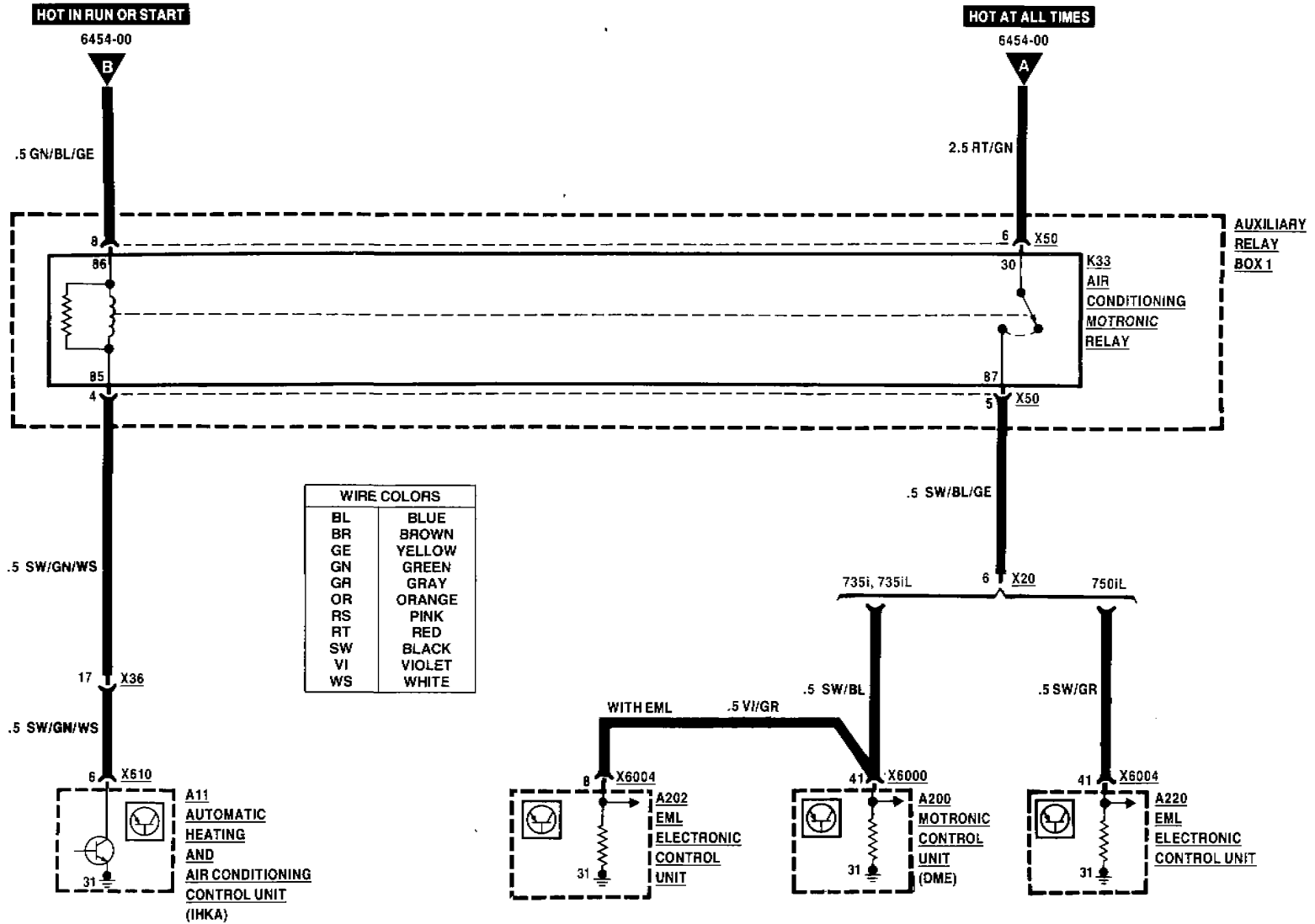
AUXILIARY FAN



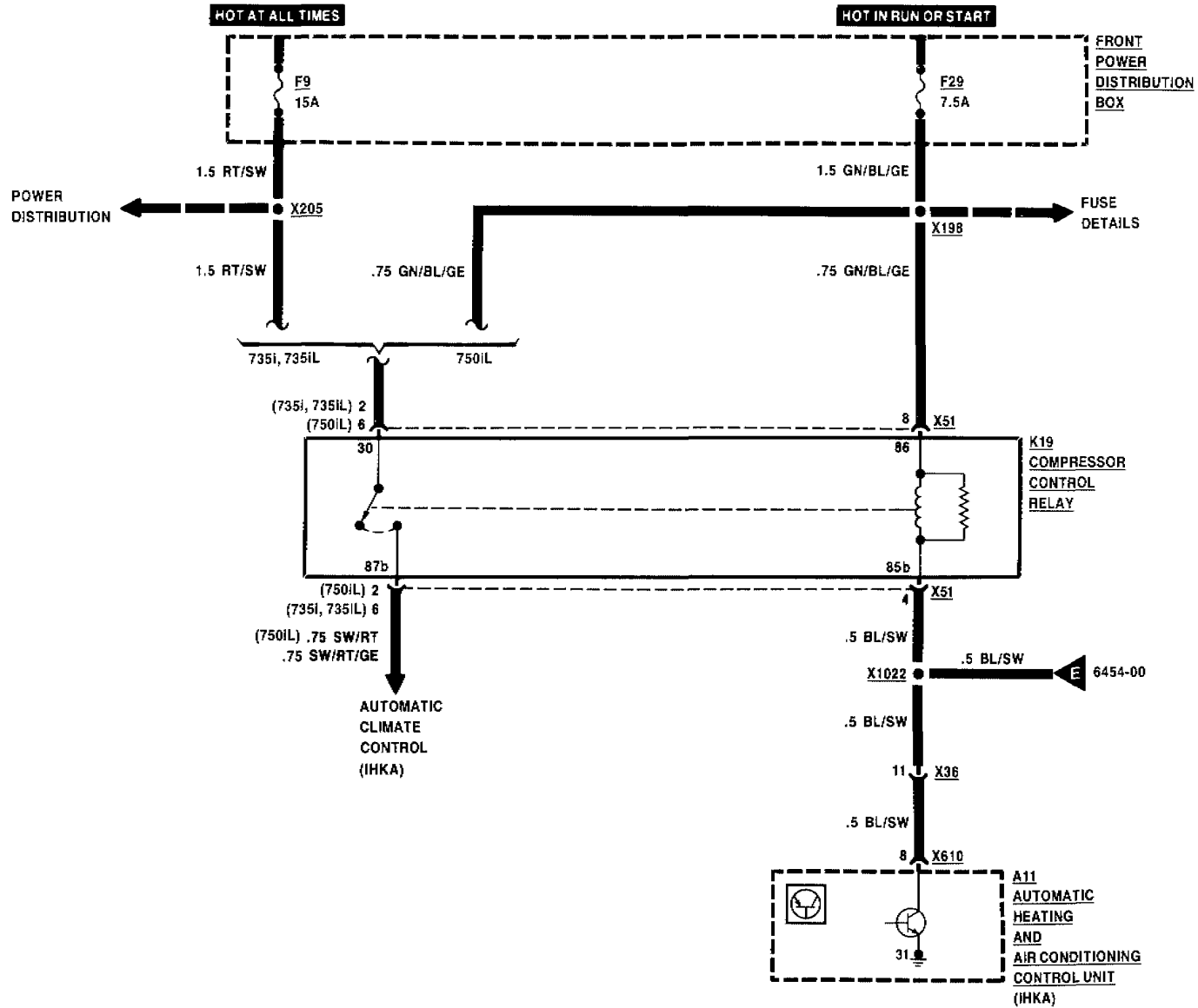


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GN | YELLOW |
| GE | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

AUXILIARY FAN



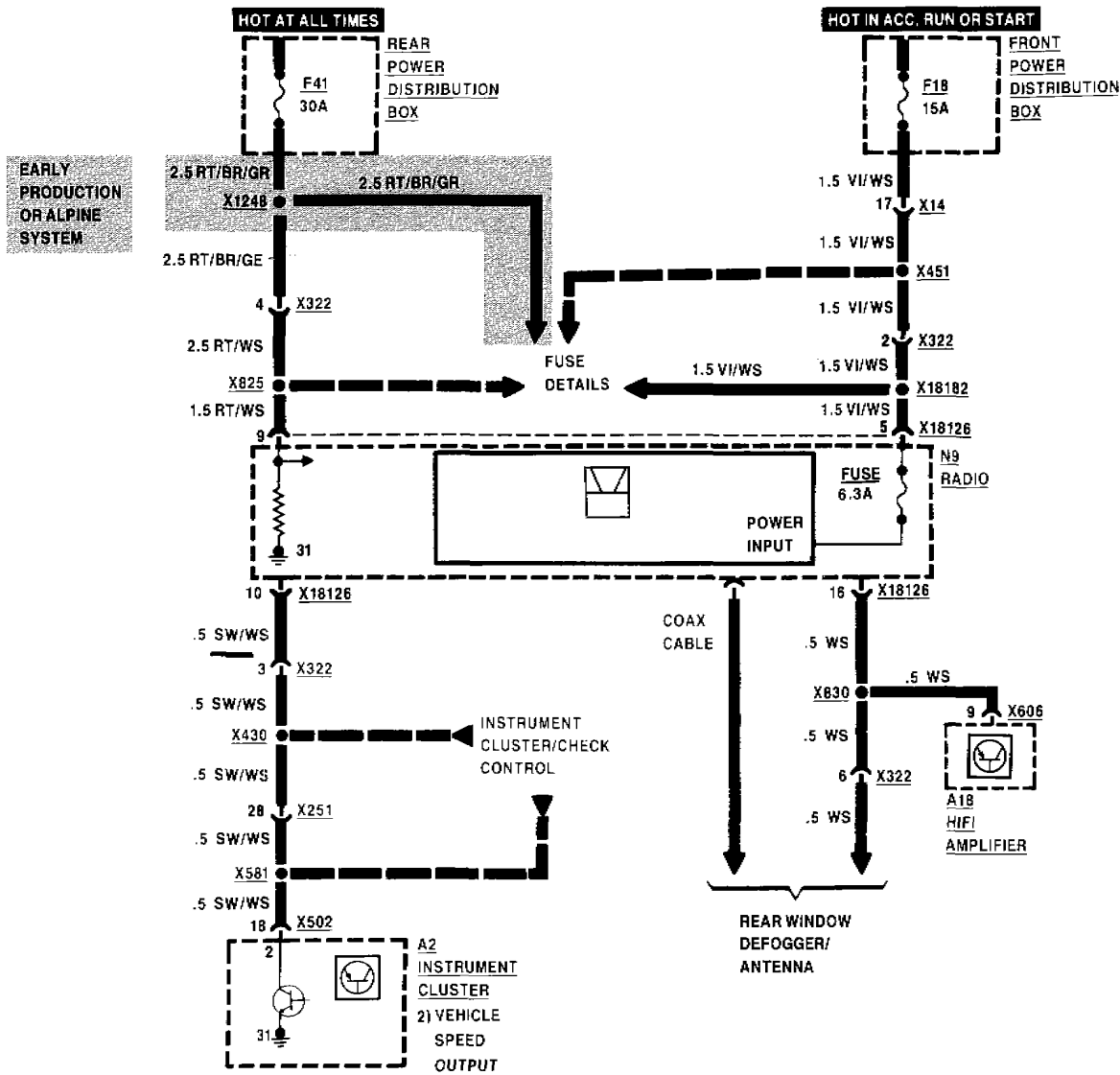
AUXILIARY FAN





RADIO/CD PLAYER (PROVISIONS)

RADIO/HIFI, TEN SPEAKER SYSTEM

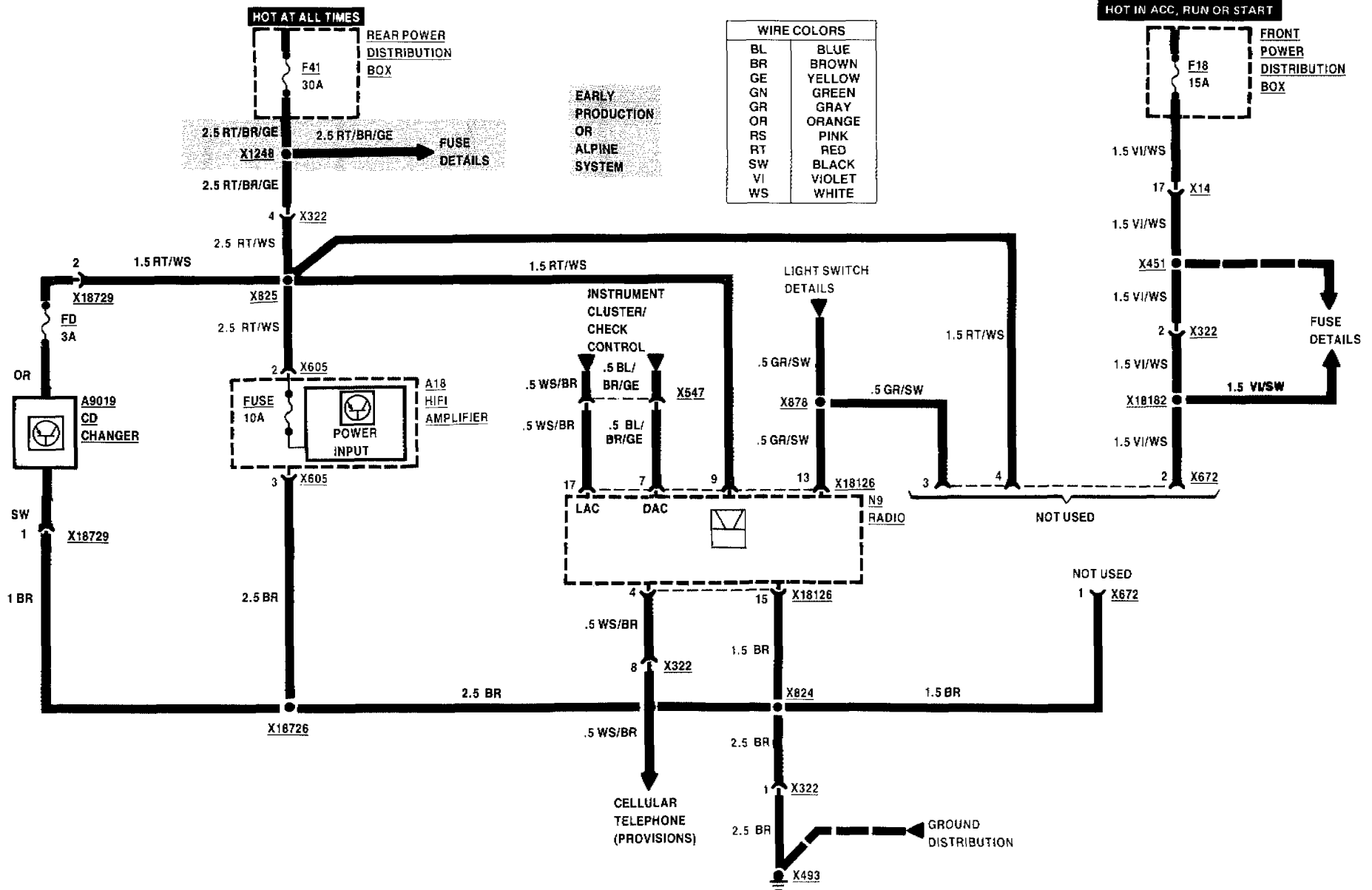


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



RADIO/CD PLAYER (PROVISIONS)

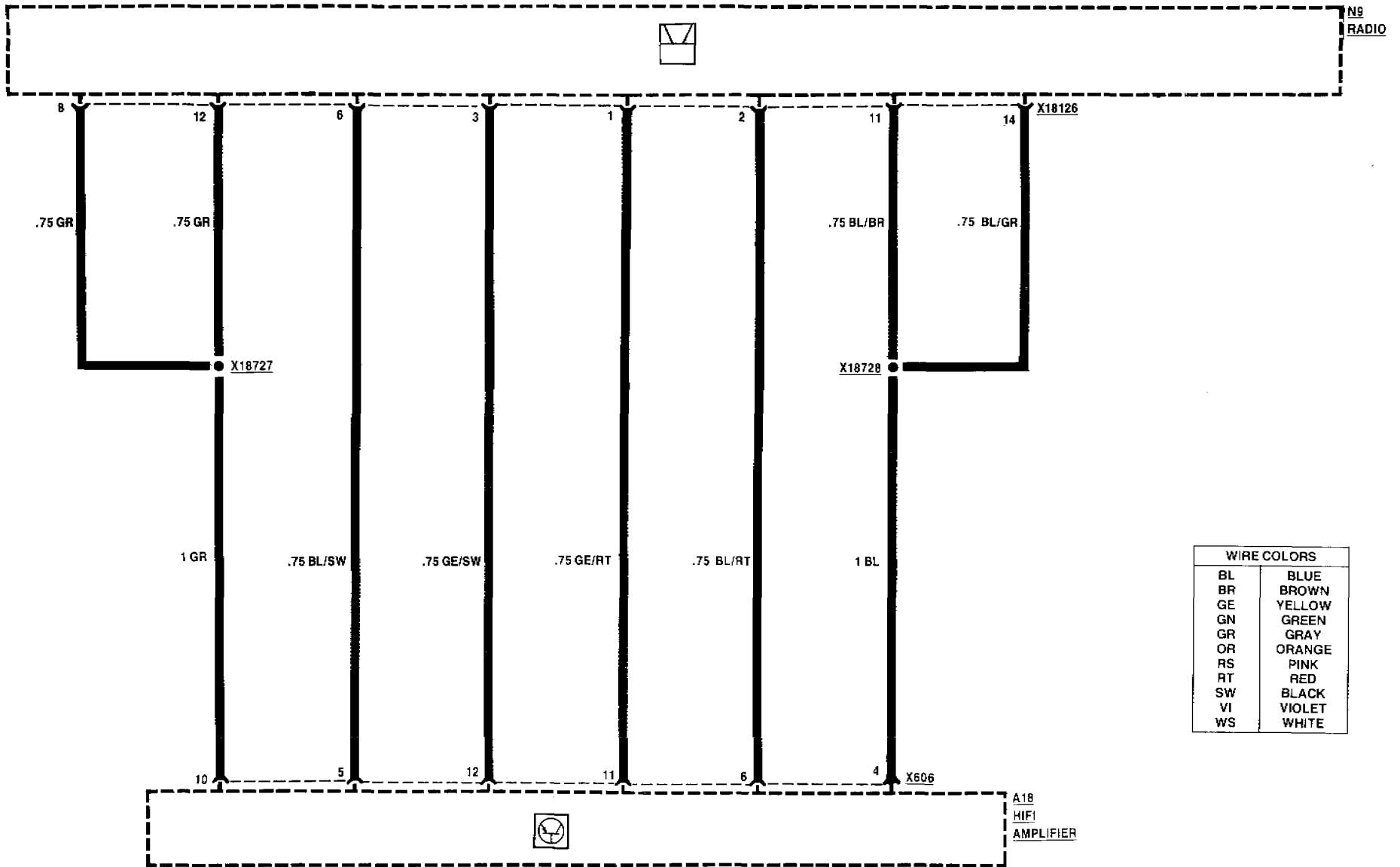
RADIO/HIFI, TEN SPEAKER SYSTEM





RADIO/CD PLAYER (PROVISIONS)

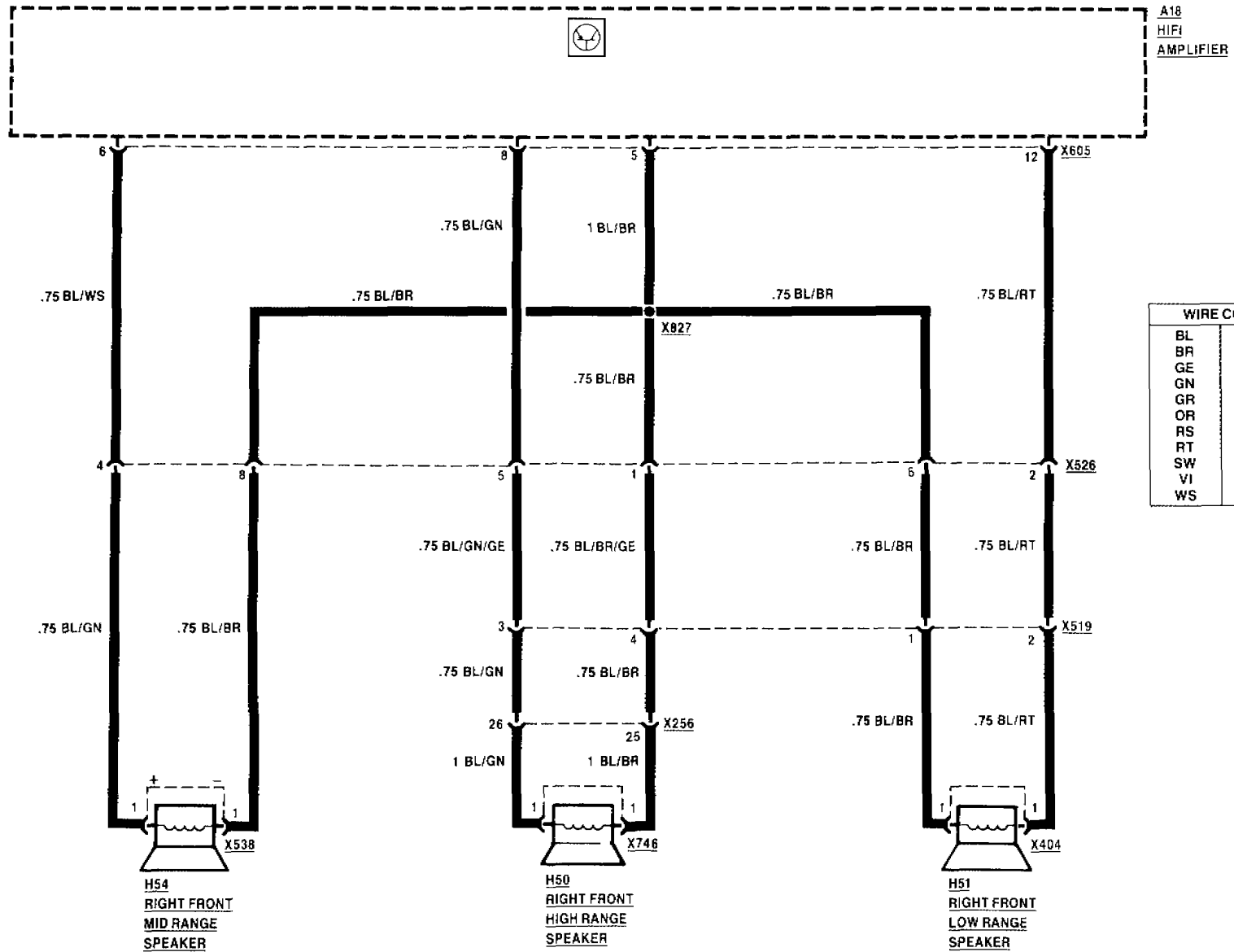
RADIO/HIFI, TEN SPEAKER SYSTEM





RADIO/CD PLAYER (PROVISIONS)

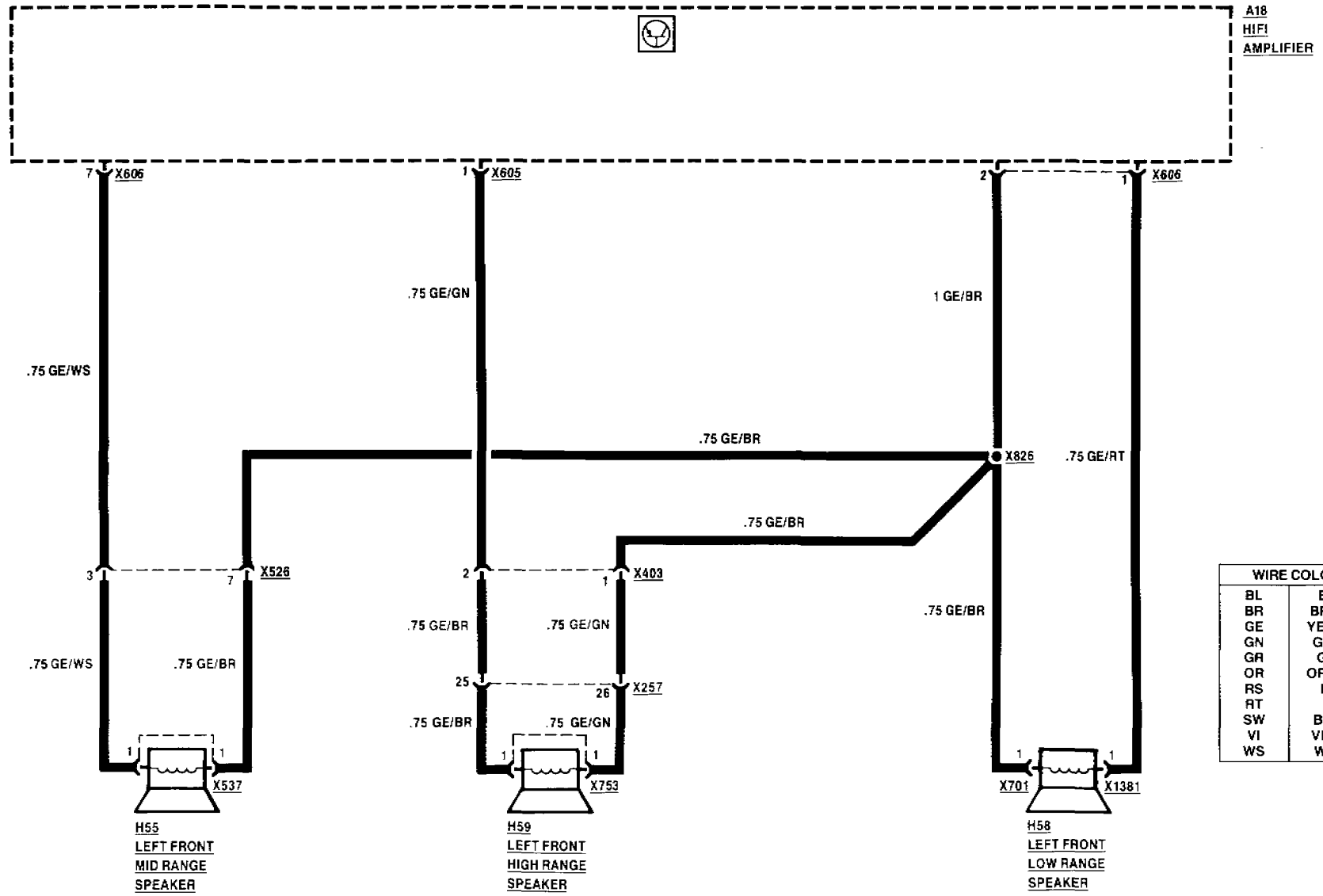
TEN SPEAKER SYSTEM





RADIO/CD PLAYER (PROVISIONS)

TEN SPEAKER SYSTEM

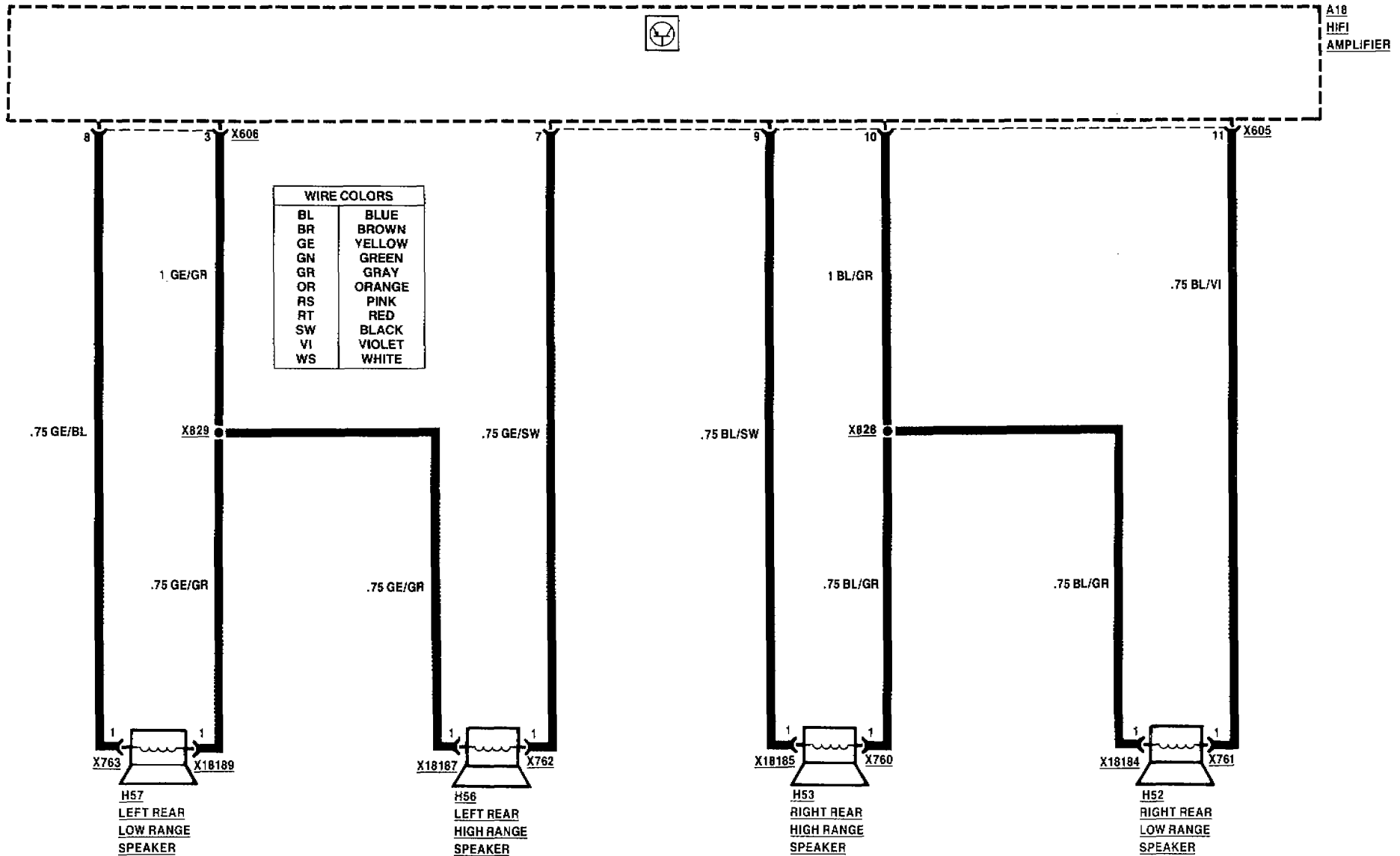


03/92 — 6500-04 — 1991



RADIO/CD PLAYER (PROVISIONS)

TEN SPEAKER SYSTEM



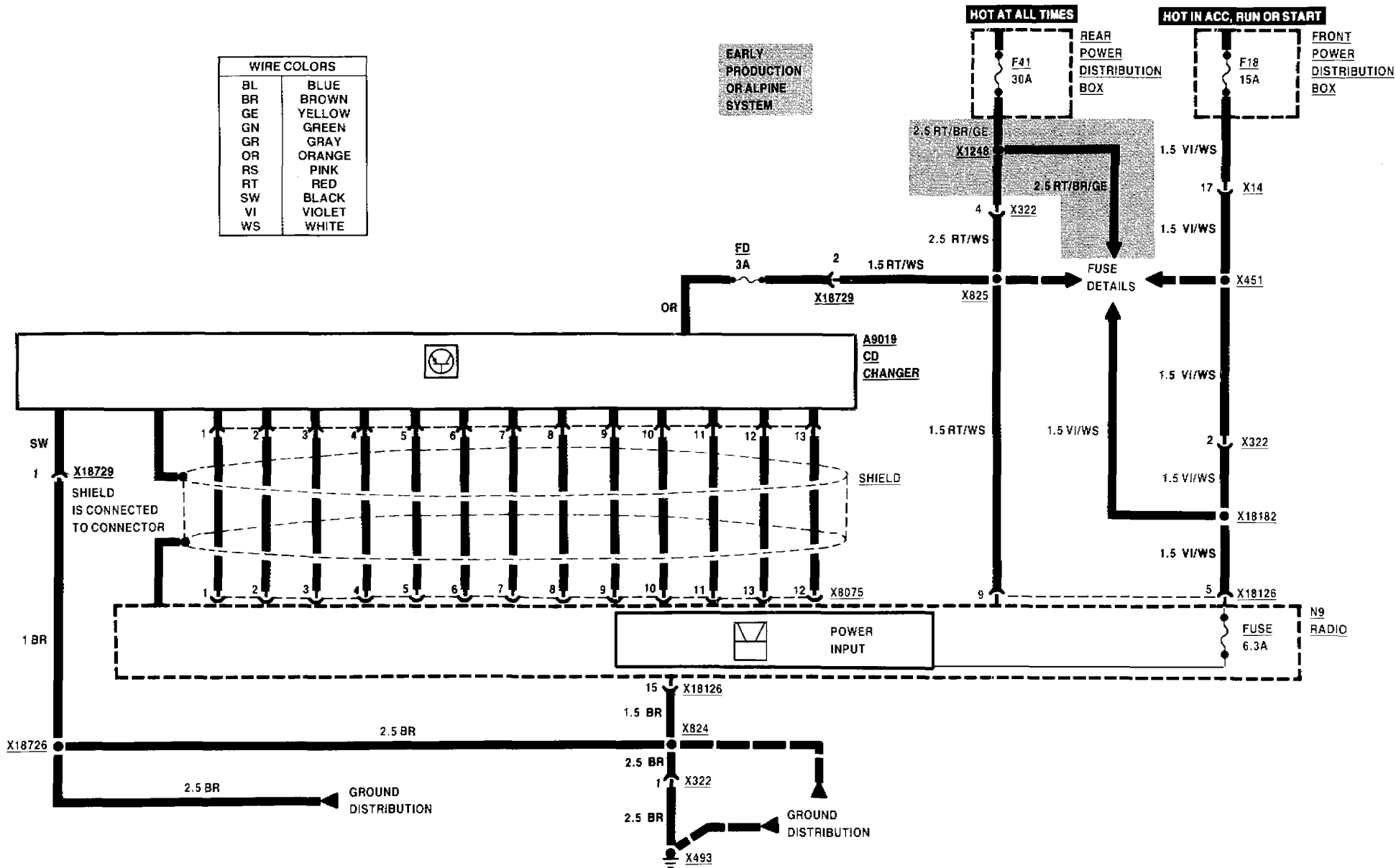


RADIO/CD PLAYER (PROVISIONS)

CD CHANGER IF EQUIPPED

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

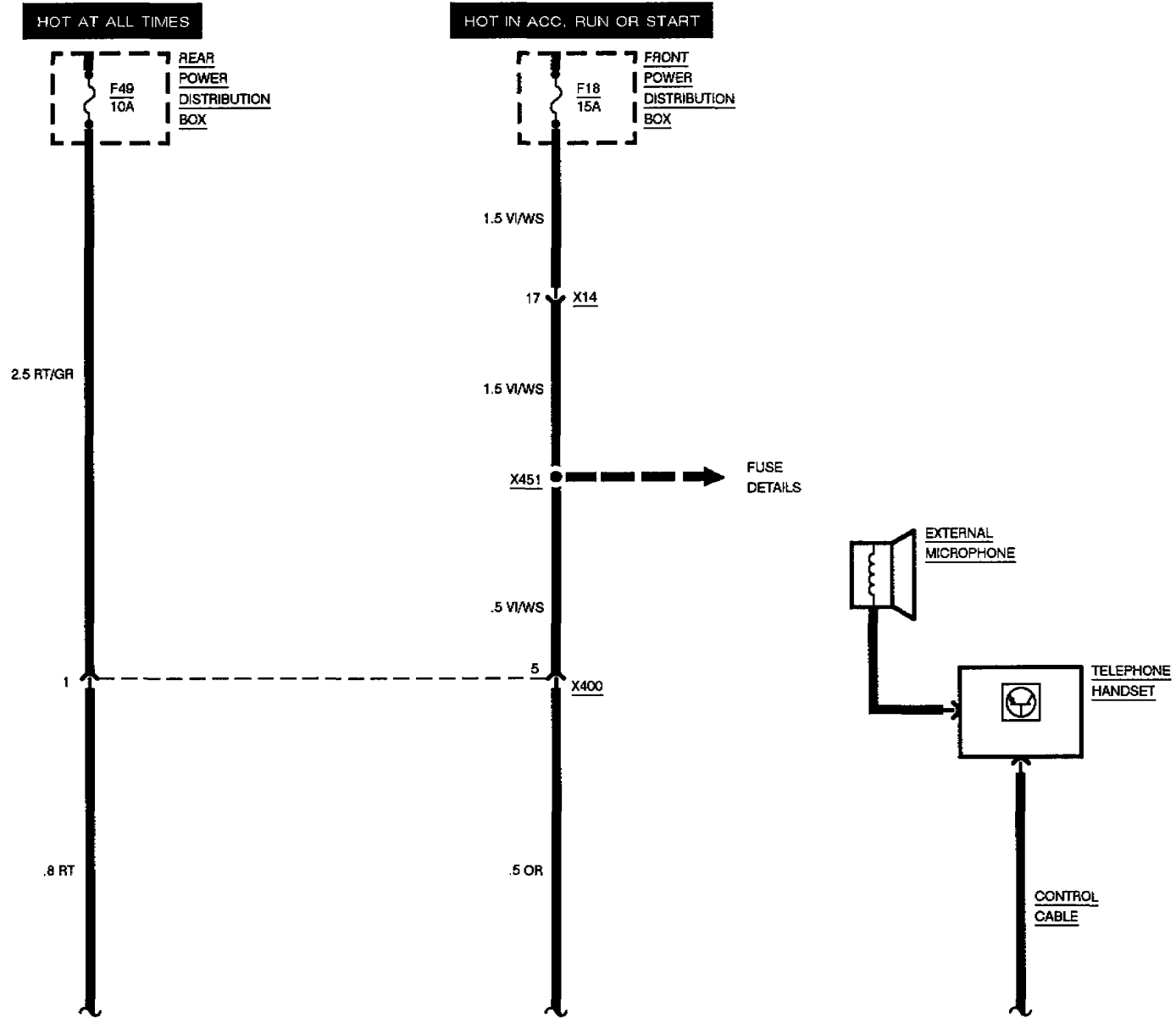
EARLY PRODUCTION OR ALPINE SYSTEM



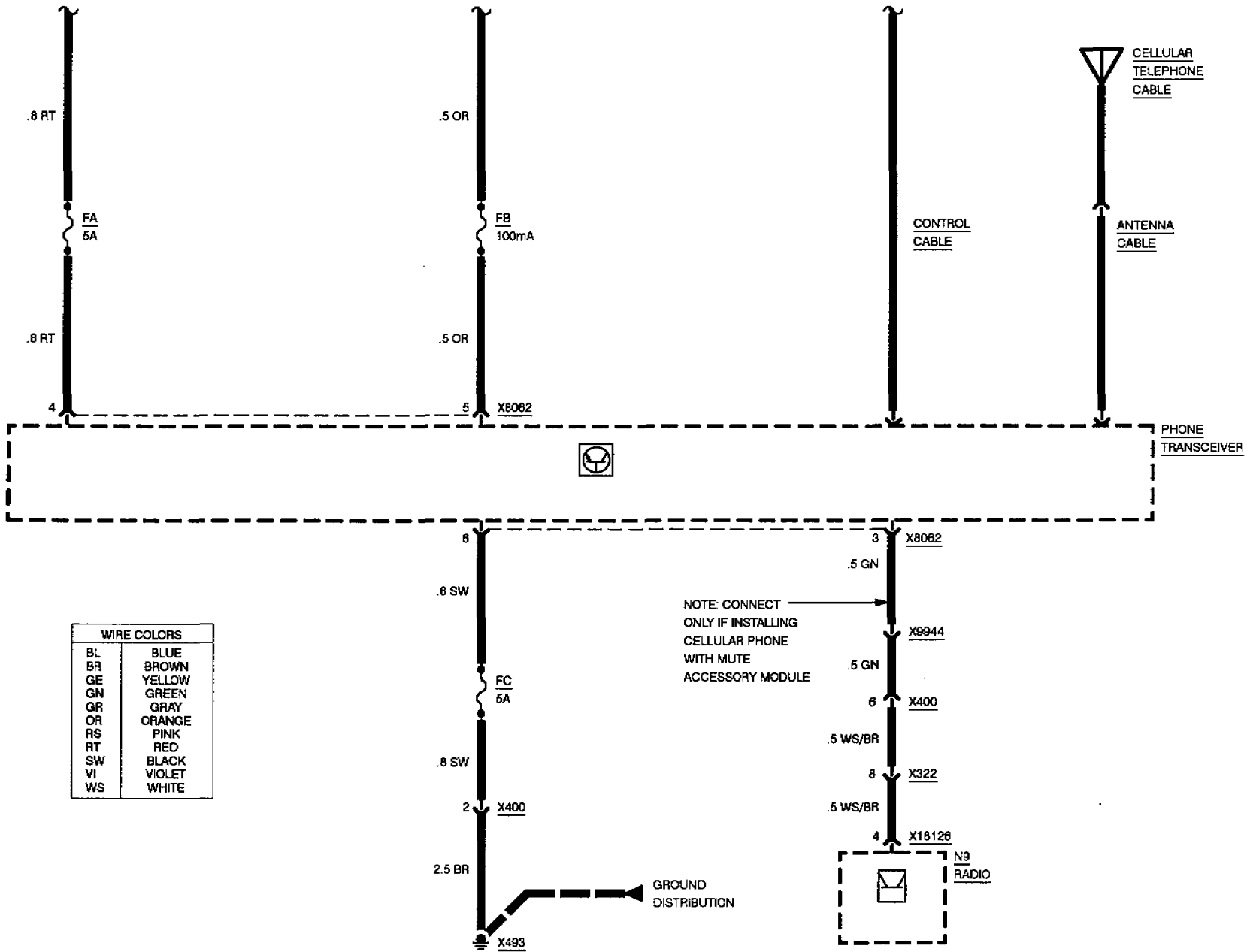
03/92
6500-06
1991



CELLULAR TELEPHONE (PROVISIONS)

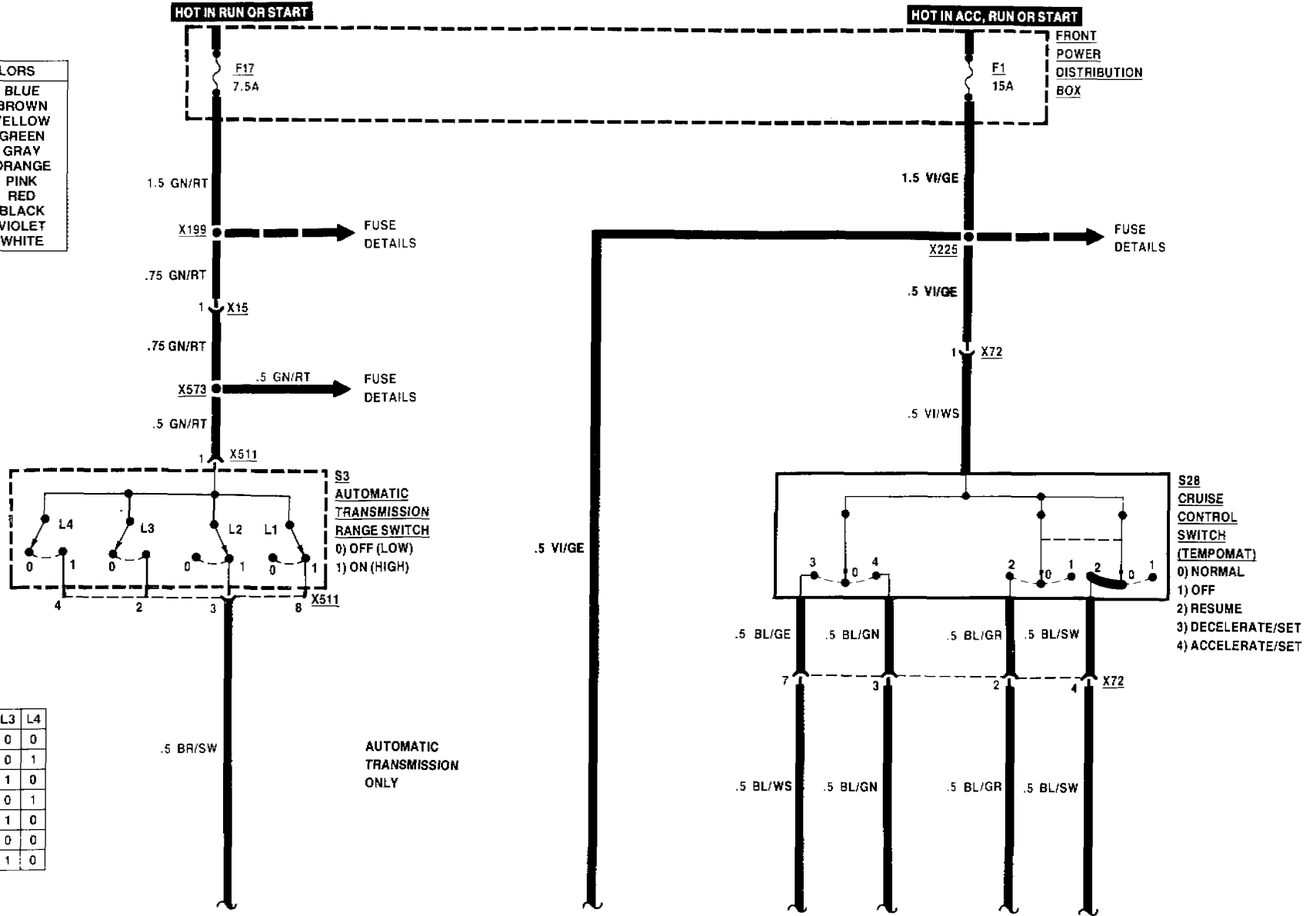


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

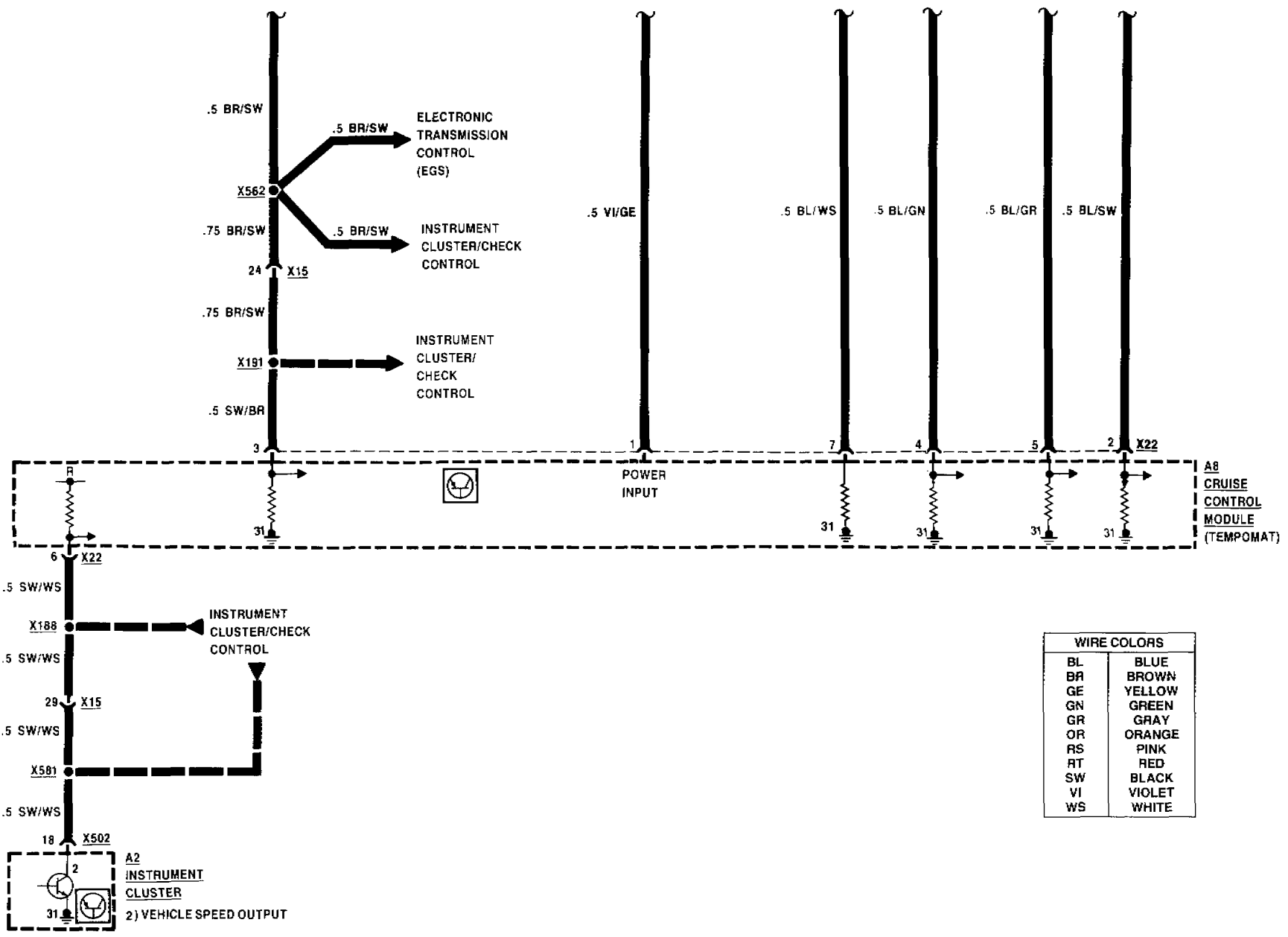


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

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



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





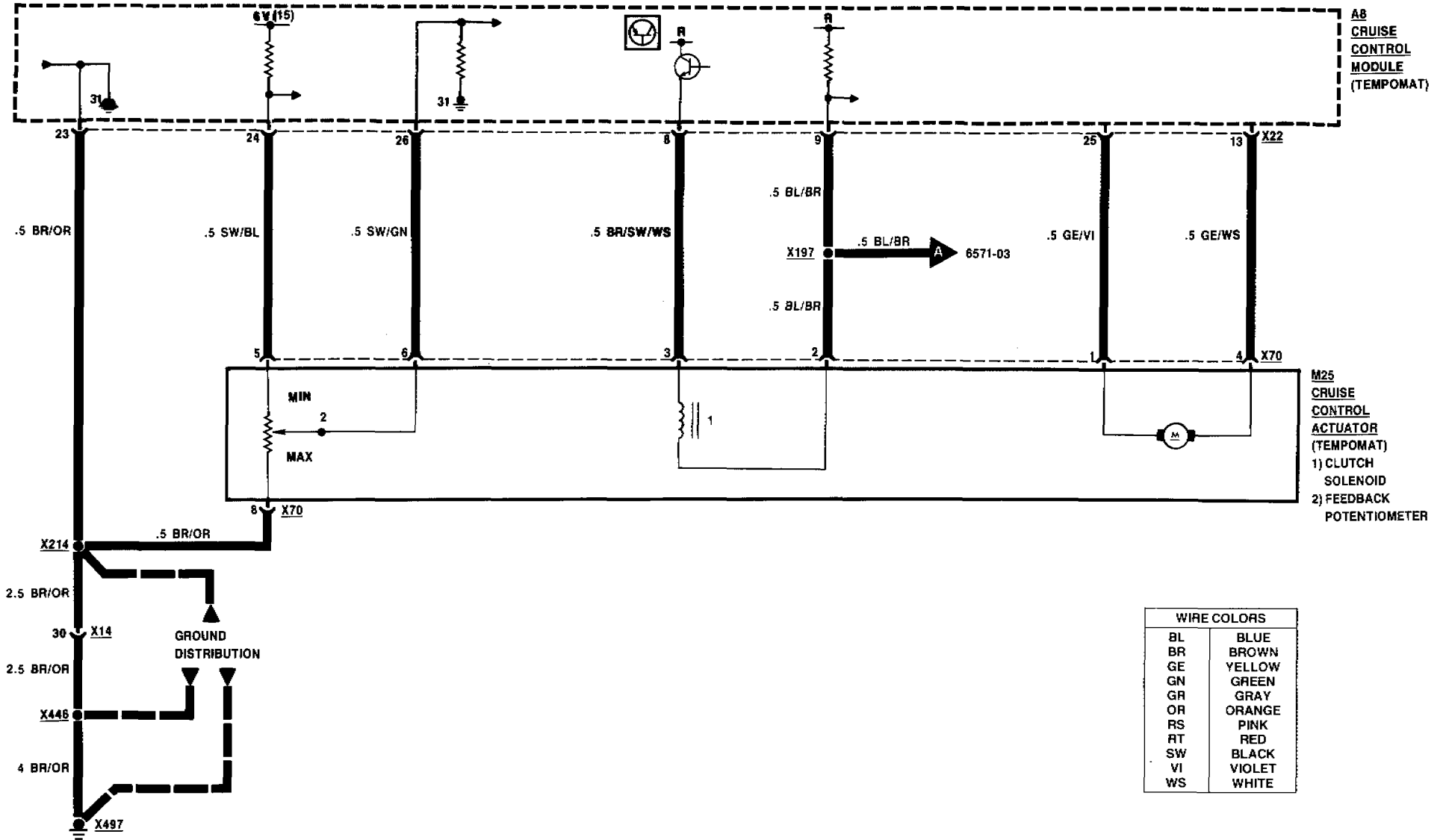
CRUISE CONTROL (TEMPOMAT)

735i, 735iL

03/92

6571-02

1991

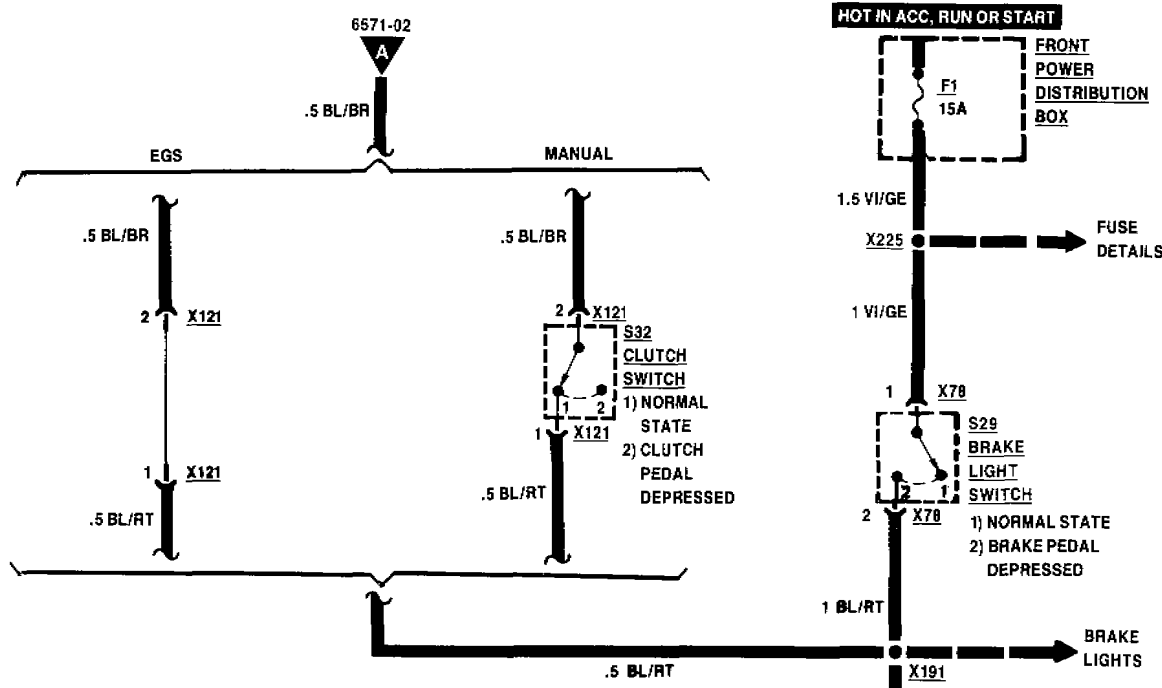




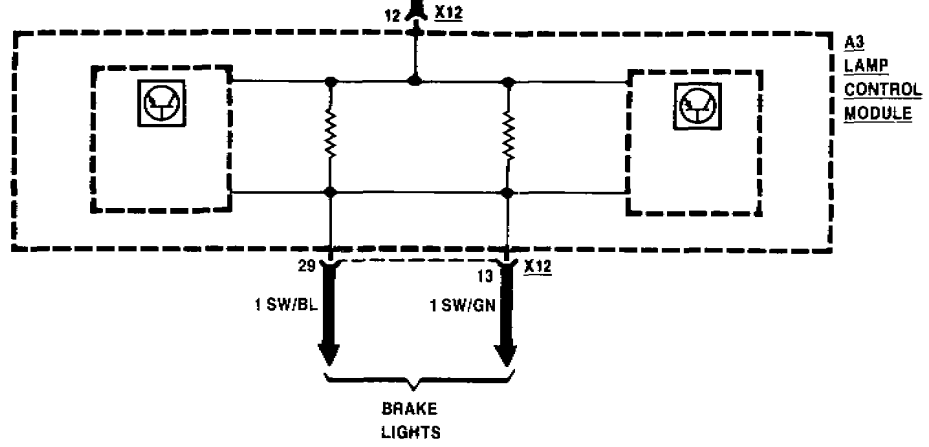
CRUISE CONTROL (TEMPOMAT)

735i, 735iL

03/92 — 6571-03 — 1991



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





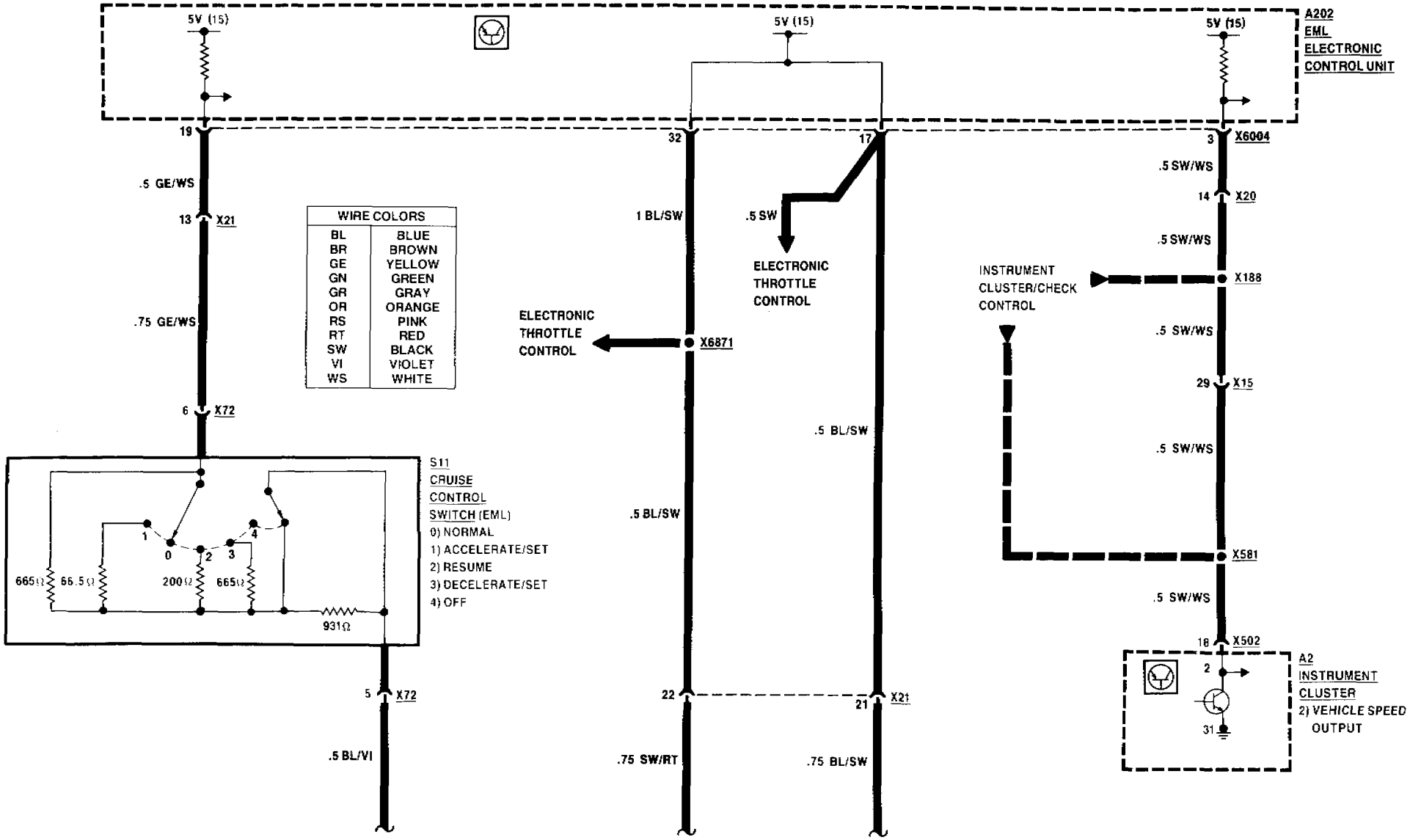
CRUISE CONTROL (EML)

735i, 735iL

03/92

6572-00

1991

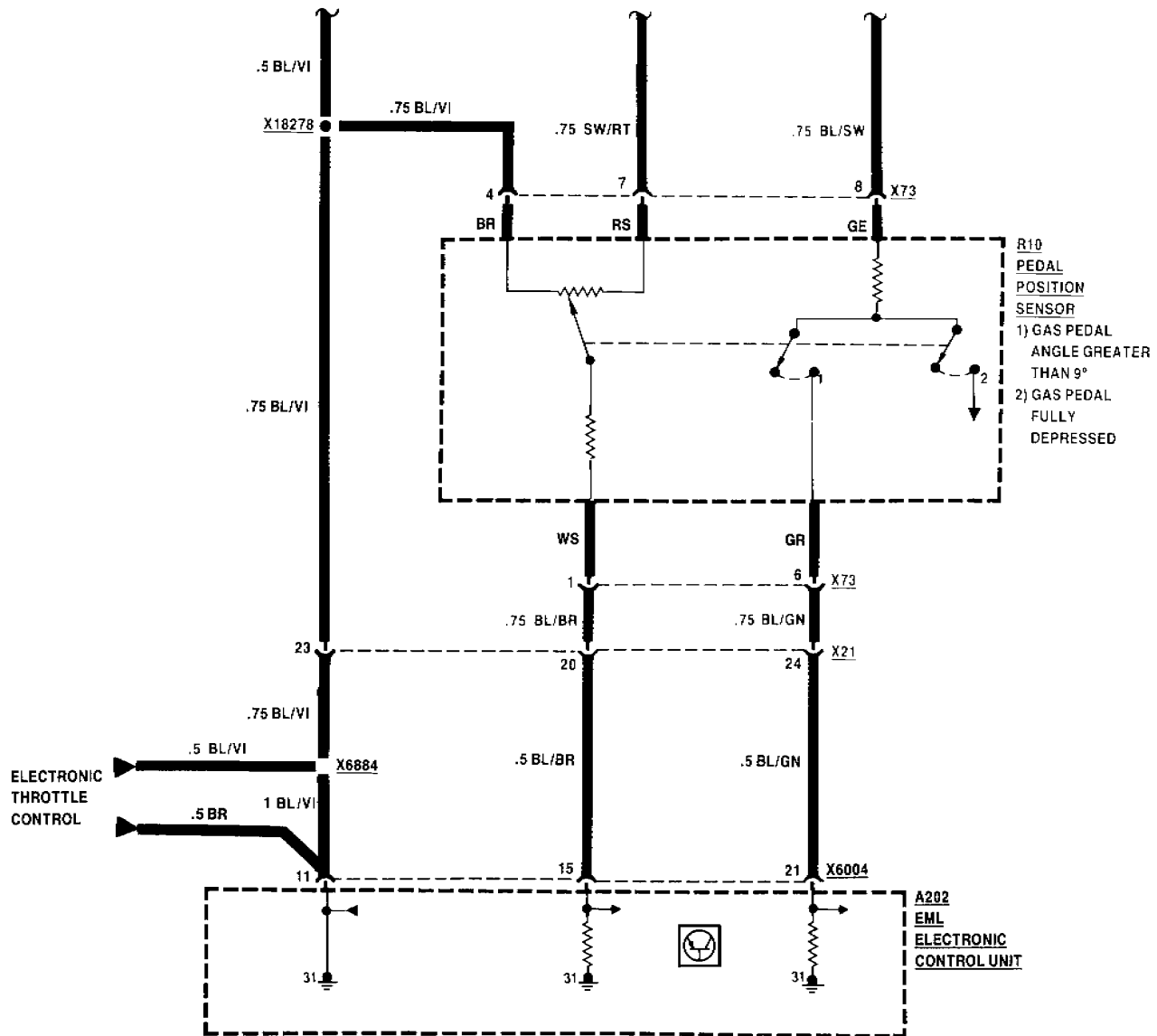


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |

- S11
CRUISE CONTROL SWITCH (EML)
- 0) NORMAL
 - 1) ACCELERATE/SET
 - 2) RESUME
 - 3) DECELERATE/SET
 - 4) OFF

A202
EML
ELECTRONIC CONTROL UNIT

A2
INSTRUMENT CLUSTER
2) VEHICLE SPEED OUTPUT

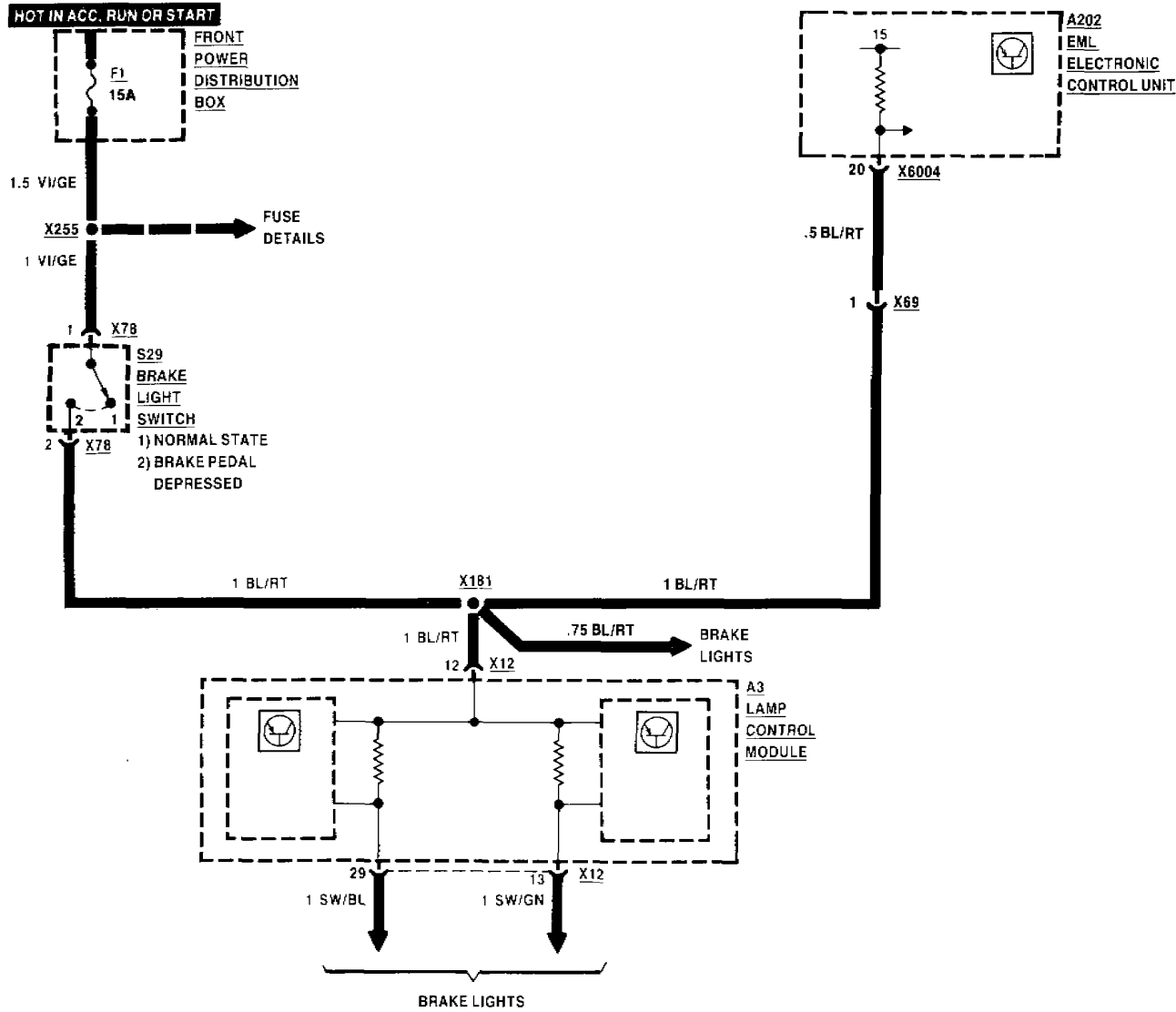


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



CRUISE CONTROL (EML)

735i, 735iL



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



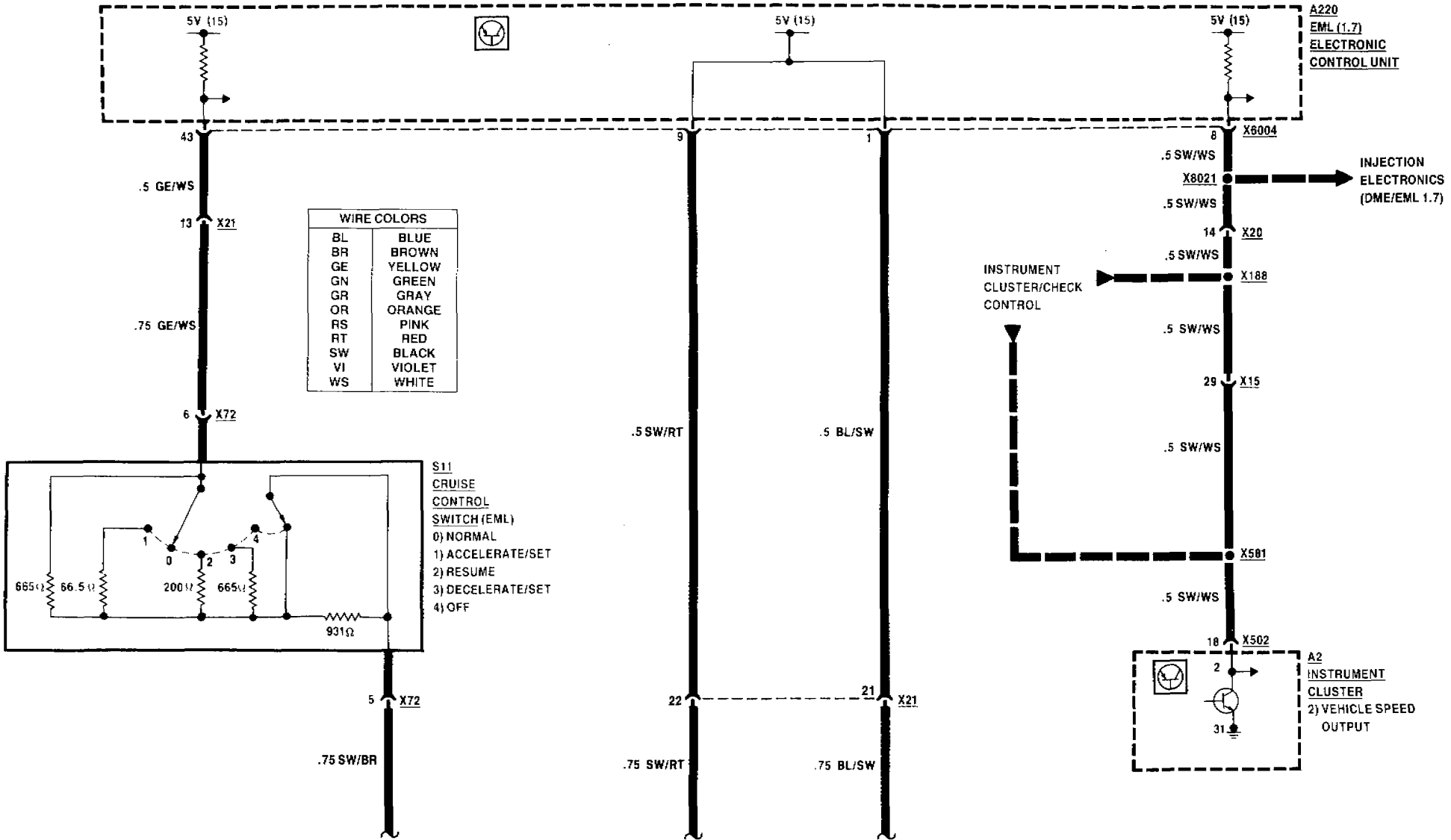
CRUISE CONTROL (EML)

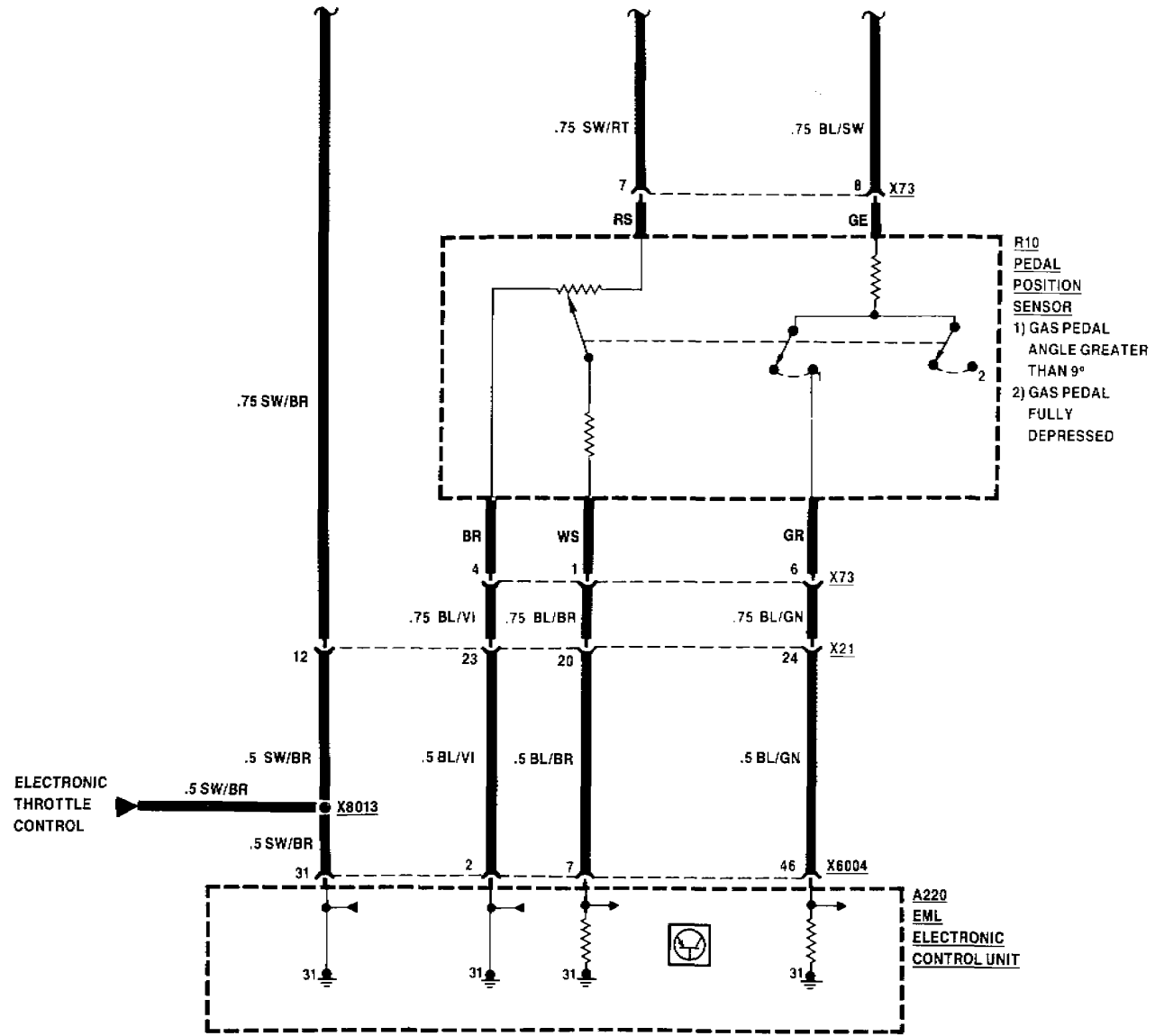
750iL

10/90

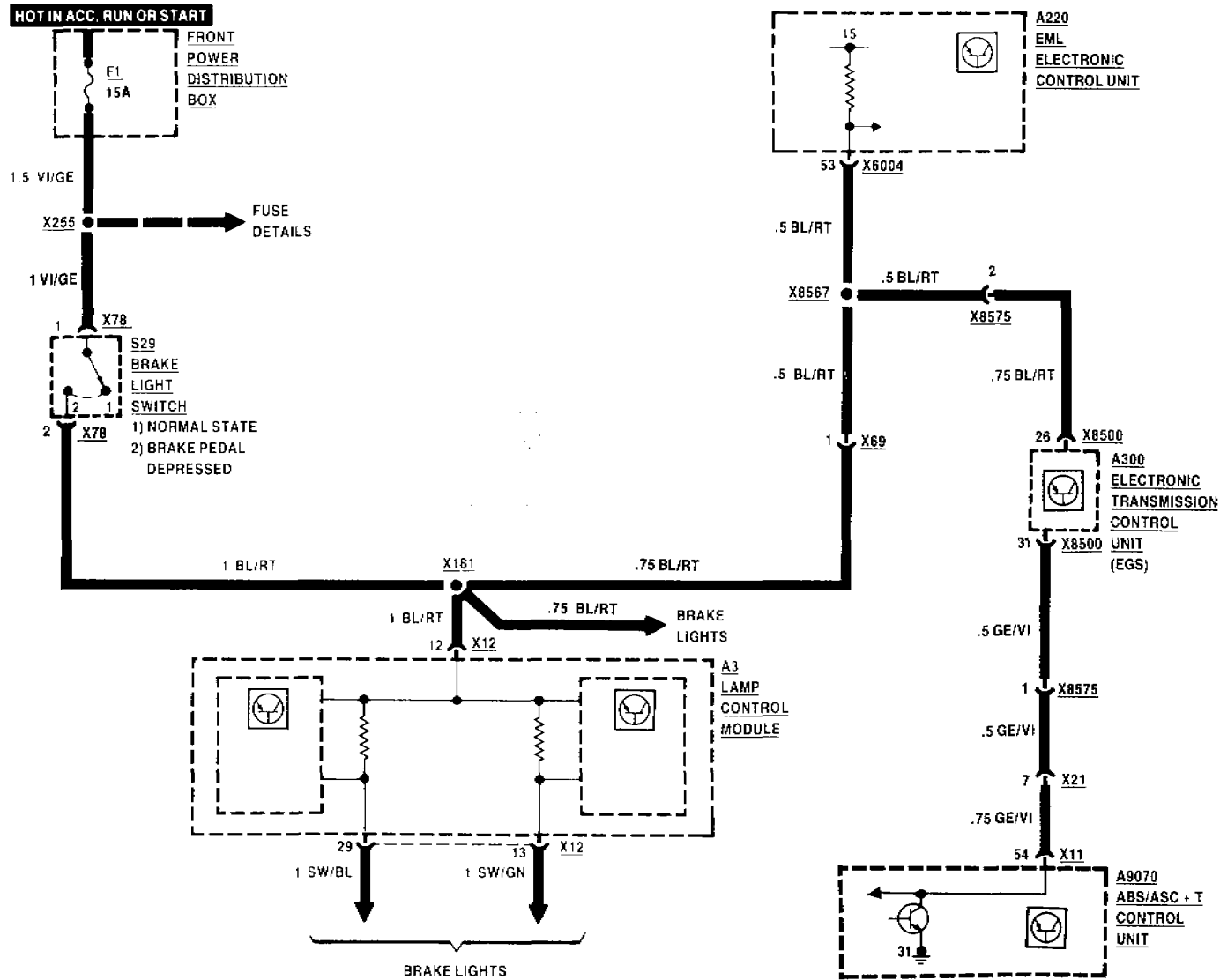
6572-03

1991





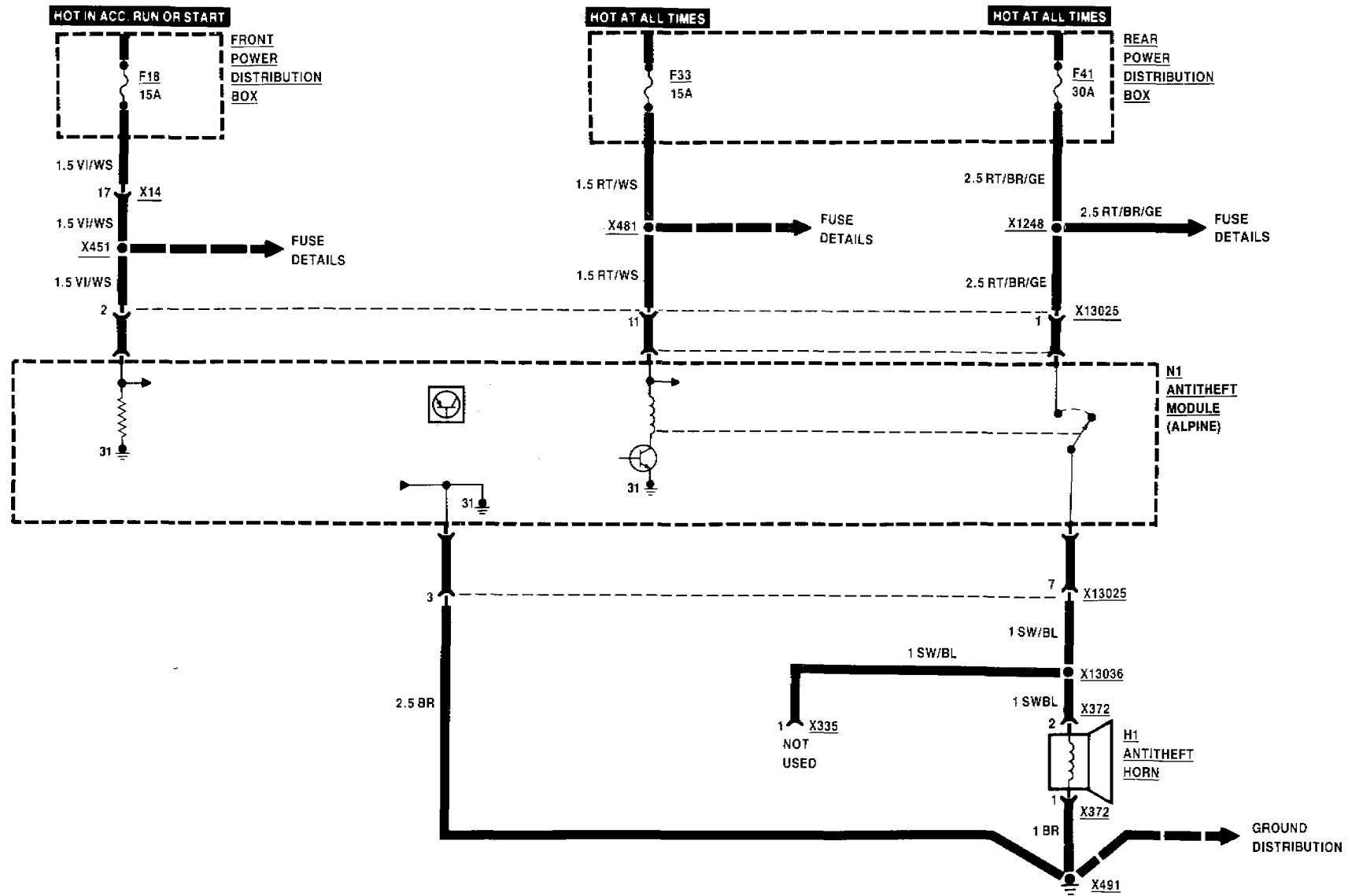
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



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



ANTITHEFT SYSTEM (ALPINE) POWER, GROUND, ANTITHEFT HORN

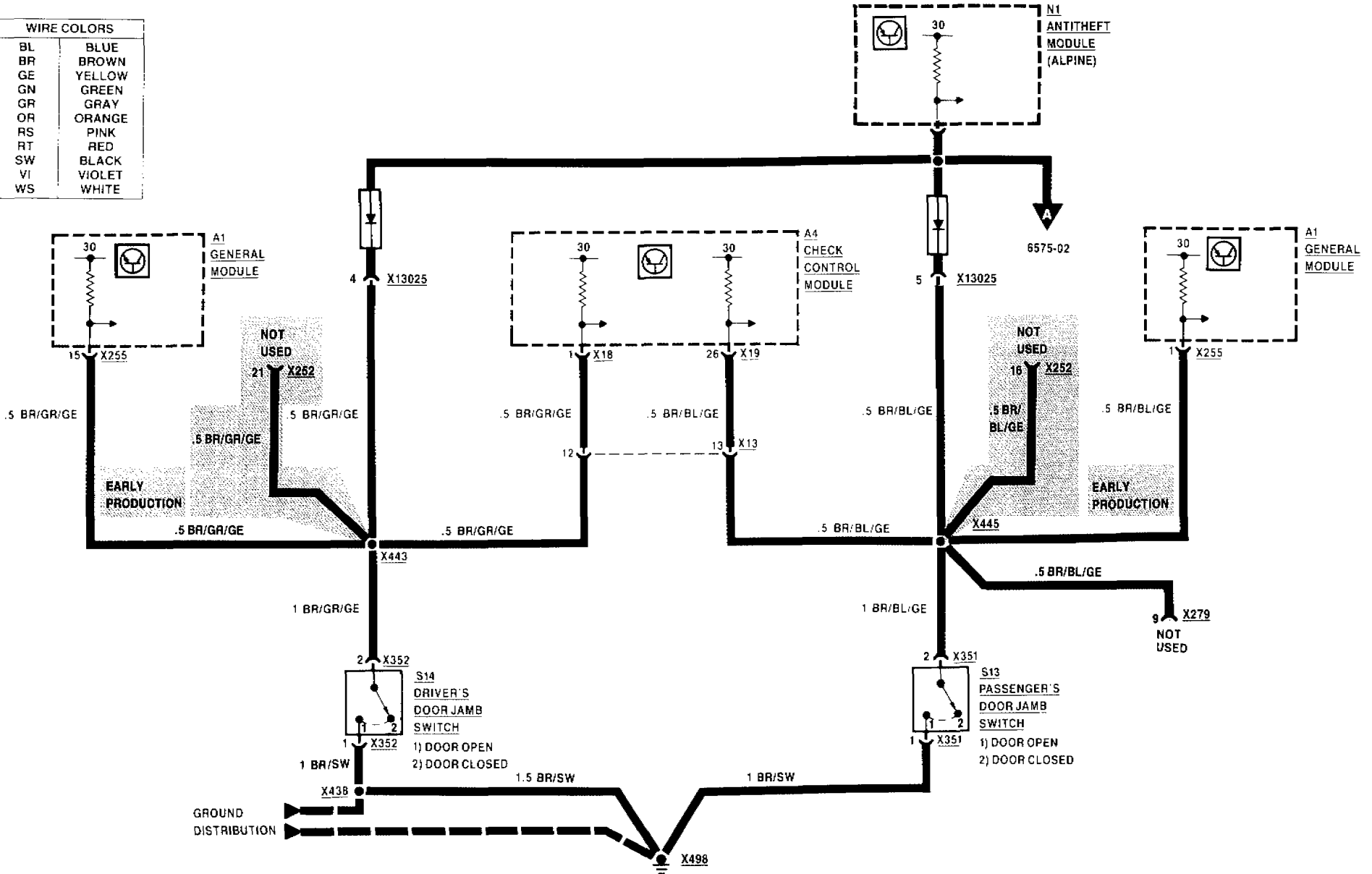




ANTITHEFT SYSTEM (ALPINE)

FRONT DOOR PROTECTION

| 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 (ALPINE)

REAR DOOR PROTECTION

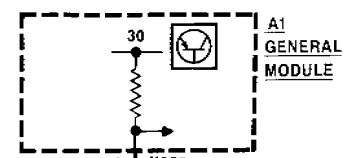
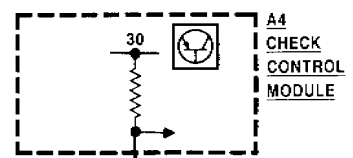
03/92

6575-02

1991

EARLY PRODUCTION

NOT USED
24 X252
5 BR/VI/GE



6575-01
A



6 X13025

.5 BR/VI/GE

.5 BR/VI/GE

.5 BR/VI/GE

1 BR/VI/GE

1 BR/VI/GE

2 X354



1) DOOR OPEN
2) DOOR CLOSED

2 X353



1) DOOR OPEN
2) DOOR CLOSED

1 BR/SW

GROUND DISTRIBUTION

1 BR/SW

X492

X498

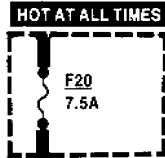
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



ANTITHEFT SYSTEM (ALPINE)

DRIVER'S DOOR INPUT, QZV

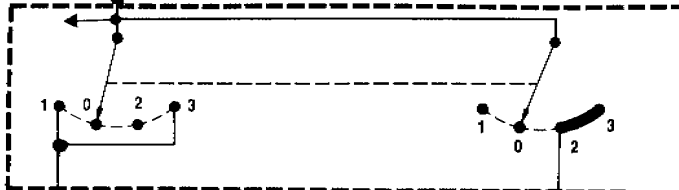
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



FRONT
POWER
DISTRIBUTION
BOX

FUSE
DETAILS

3 X685



S47
DRIVER'S
DOOR
LOCK
SWITCH
0) OFF
1) UNLOCK
2) LOCK
3) CENTRAL ARREST

1

.5 BL/BR

15

.5 BL/BR/GE

.5 BL/BR/GE

.5 BL/BR/GE

10

10 X292
NOT
USED

INFRARED
LOCKING
(IRS)



.5 WS/RT/GE

.5 WS/RT/GE

2 X747

.5 WS/RT

14 X257

.5 WS/RT/GE

.5 WS/RT/GE

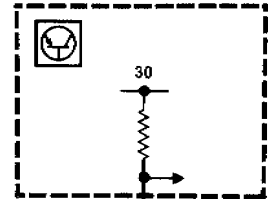
9 X13025

LATE
PRODUCTION



N1
ANTITHEFT
MODULE
(ALPINE)
1) QZV

EARLY
PRODUCTION



N1
ANTITHEFT
MODULE
(ALPINE)

30

9 X13025

EARLY
PRODUCTION

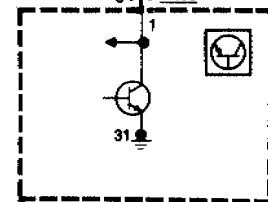
.5 BR/SW/GE

NOT
USED
7 X252

X13035

.5 BR/SW/GE

EARLY
PRODUCTION



A1
GENERAL
MODULE
1) QZV

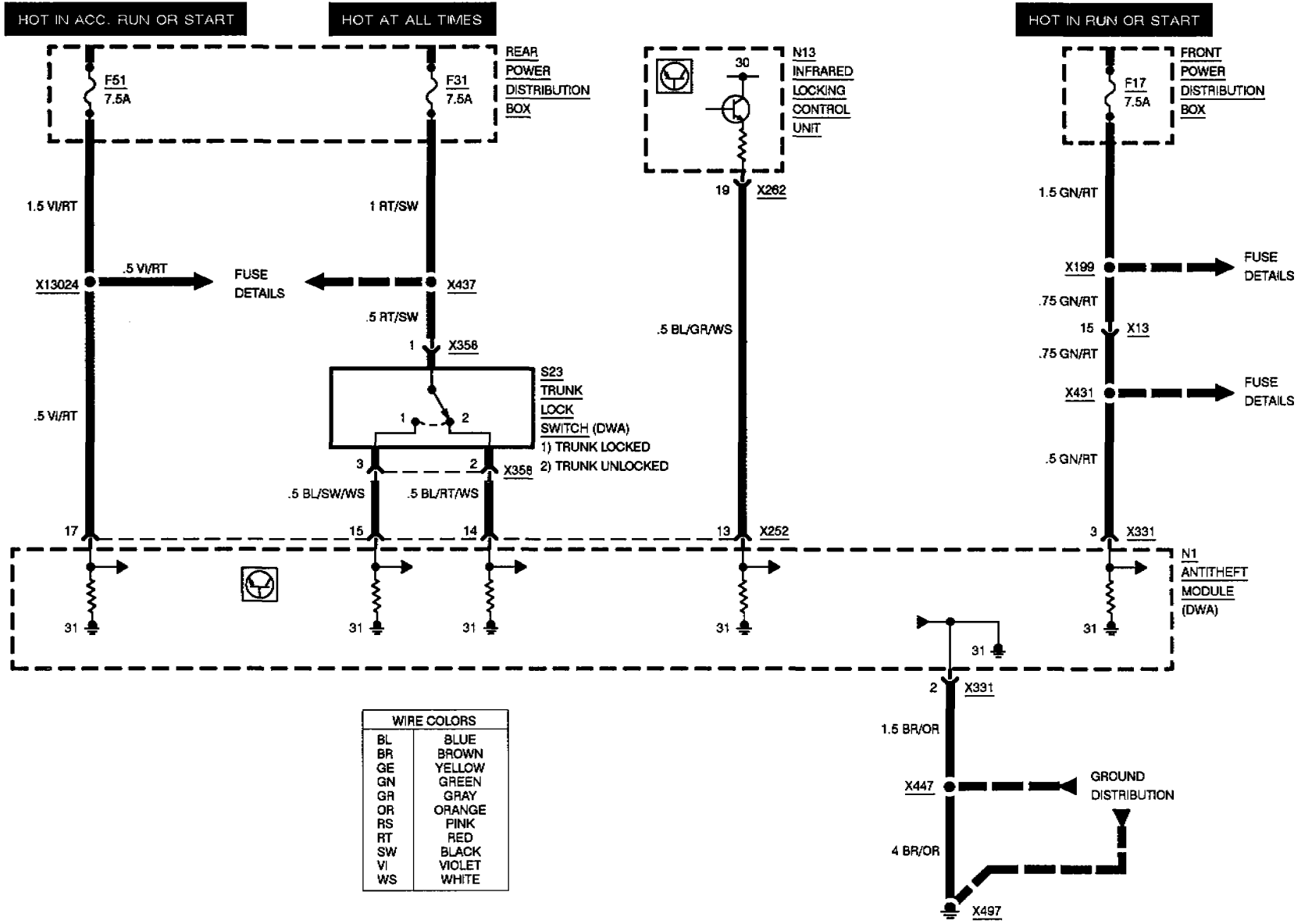
8 X253

1

31



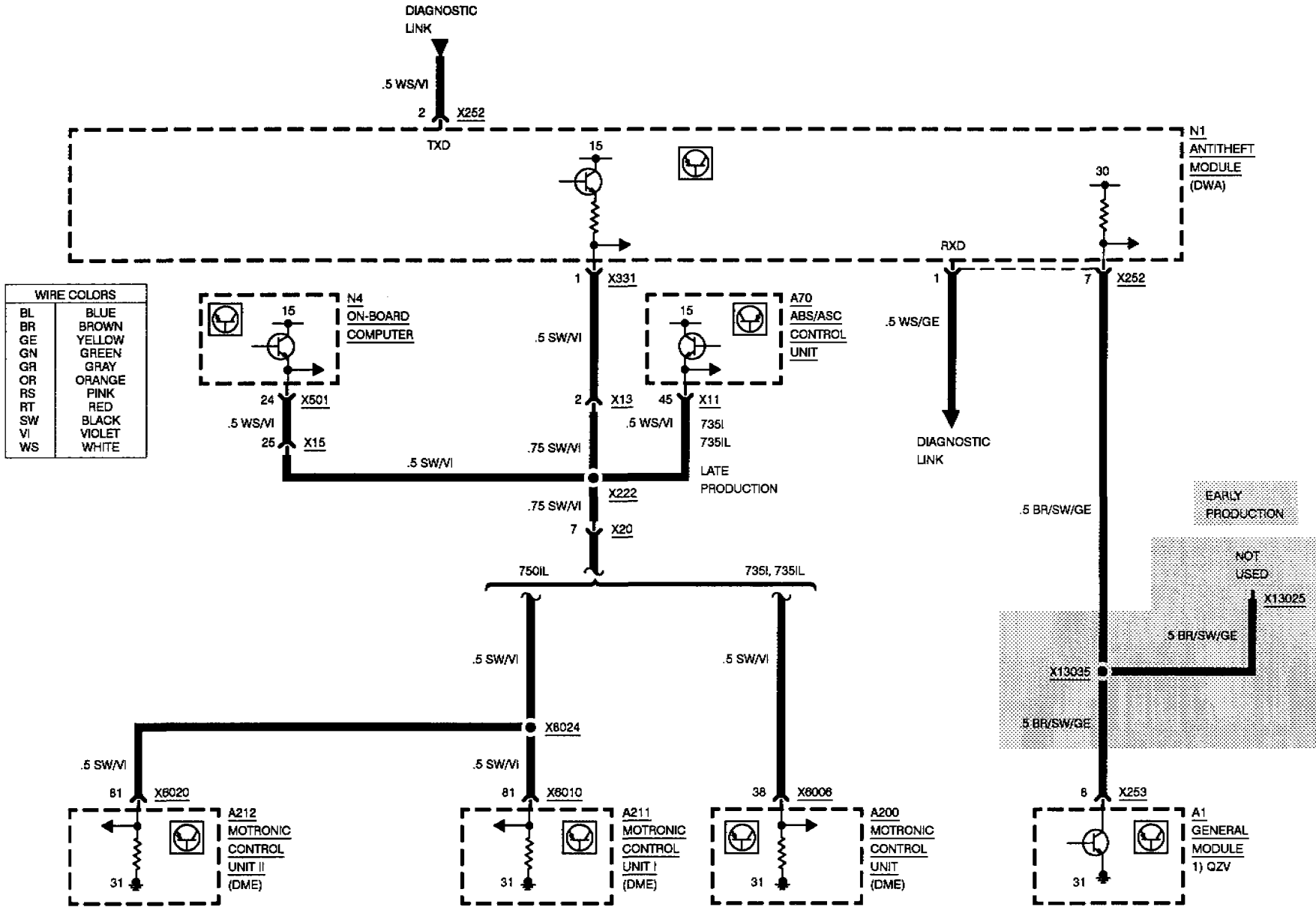
ANTITHEFT SYSTEM (DWA) POWER, TRUNK INPUT





ANTITHEFT SYSTEM (DWA)

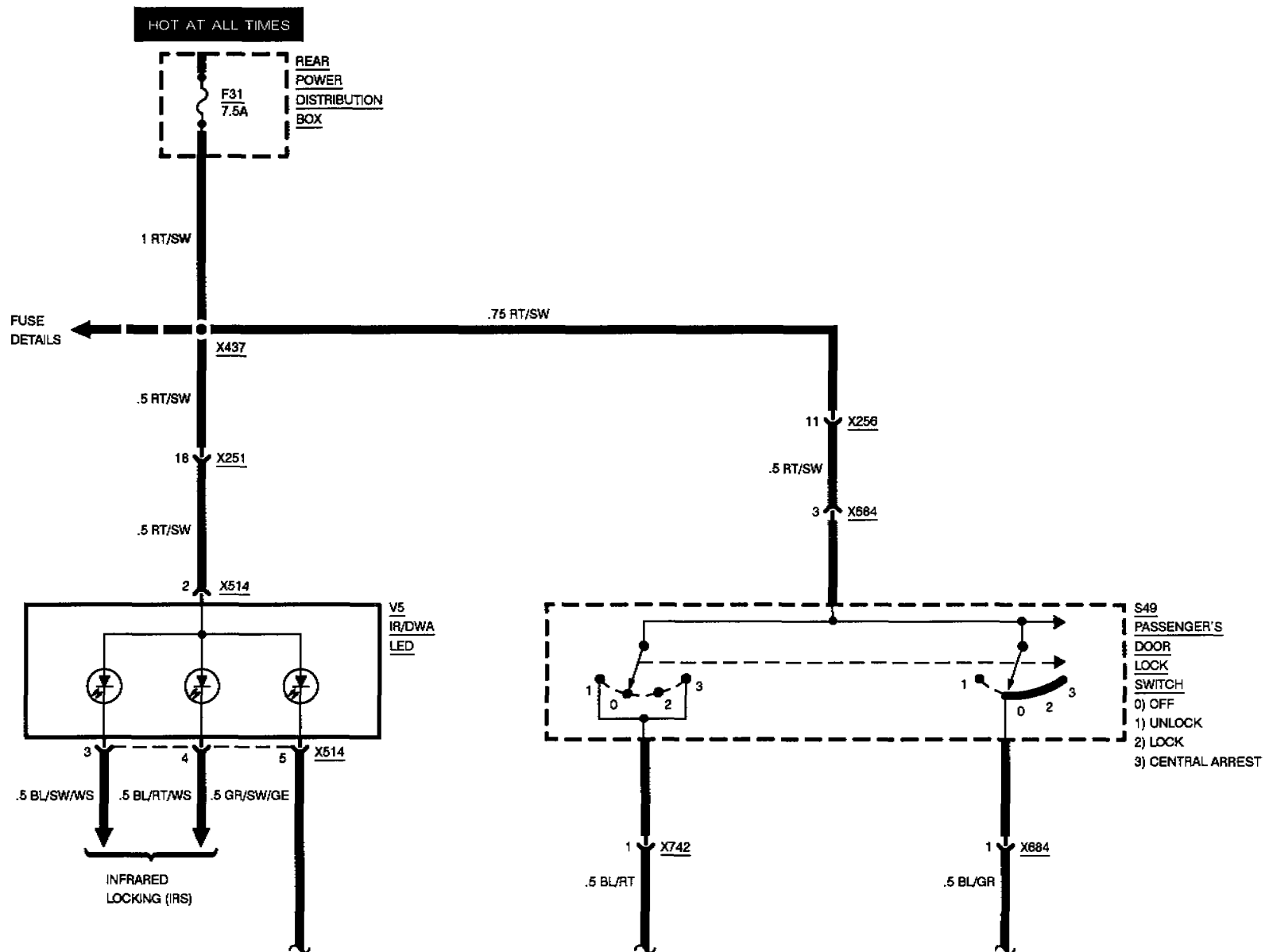
DIAGNOSTIC LINK, DRIVE AWAY PROTECTION, QZV



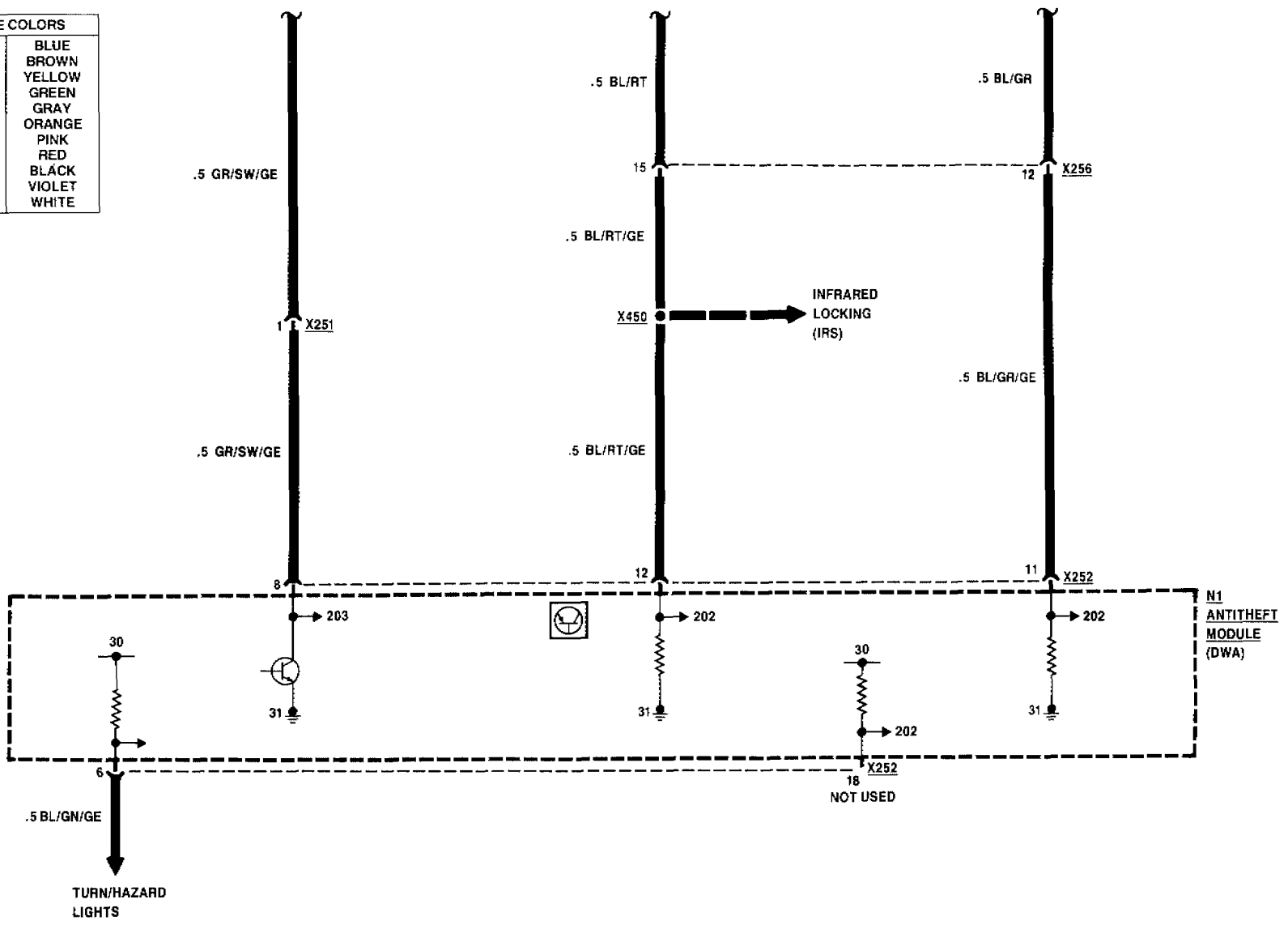


ANTITHEFT SYSTEM (DWA)

INDICATOR, PASSENGER'S DOOR INPUTS, LIGHT ALARM OUTPUT



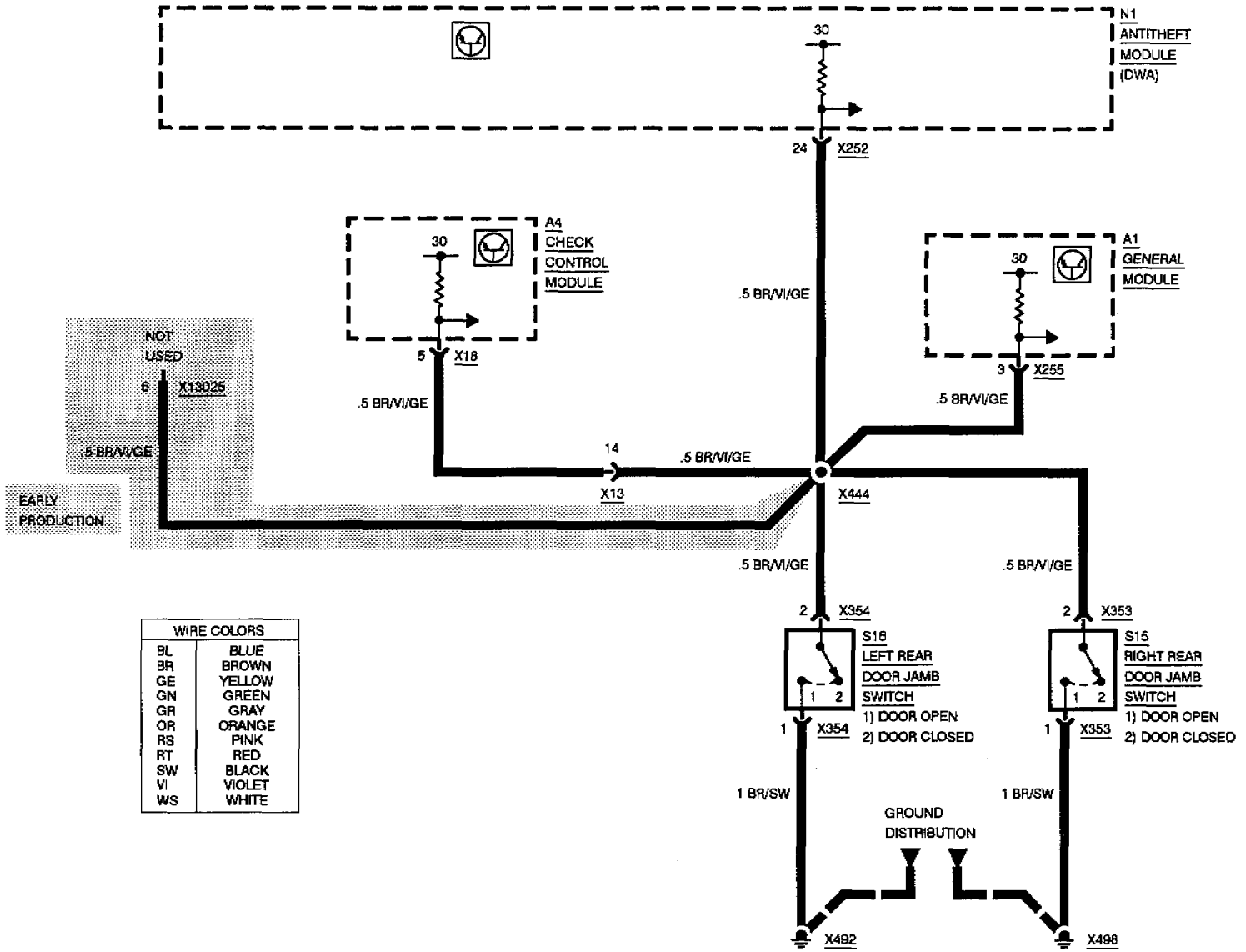
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





ANTITHEFT SYSTEM (DWA)

REAR DOOR PROTECTION

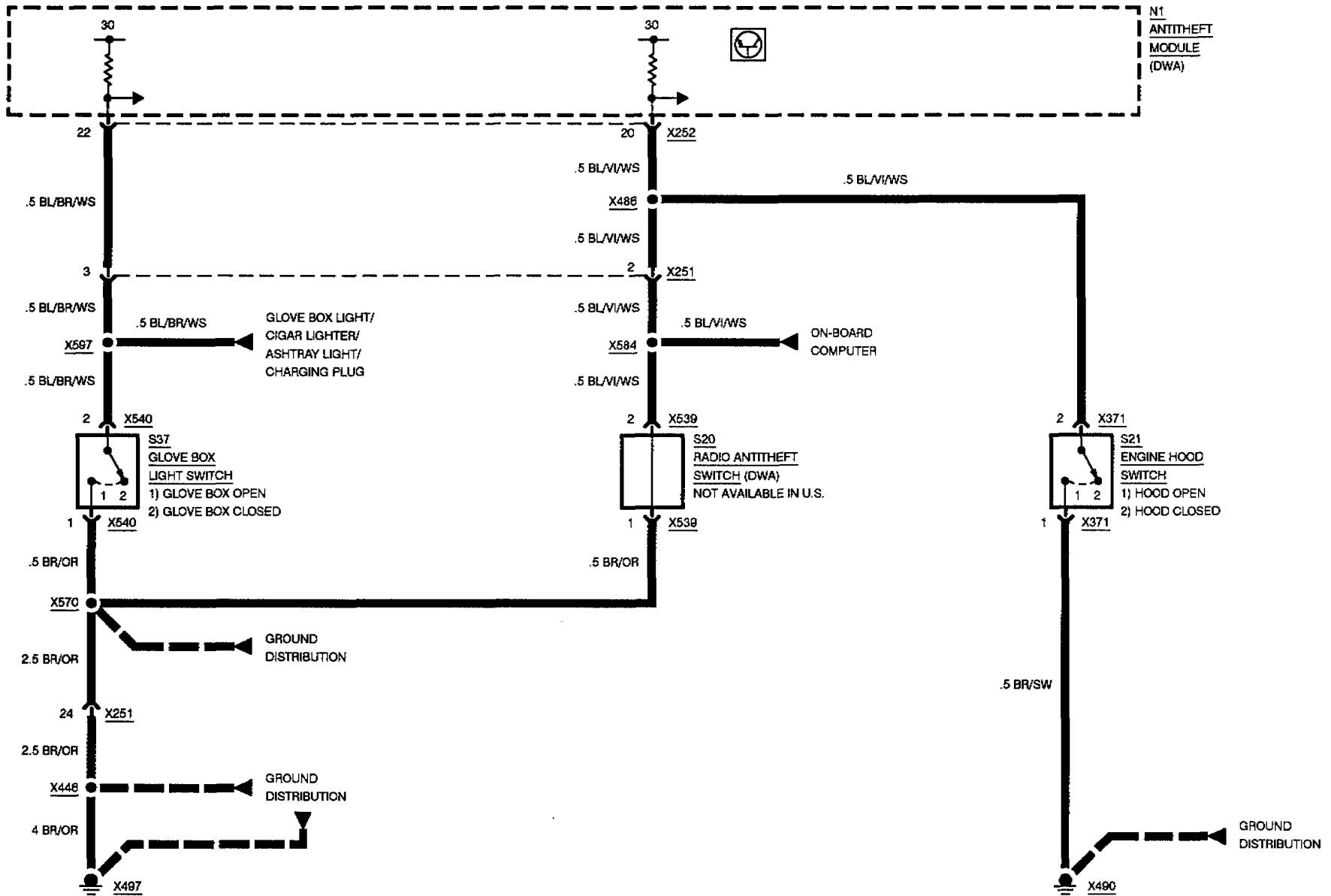


| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



ANTITHEFT SYSTEM (DWA)

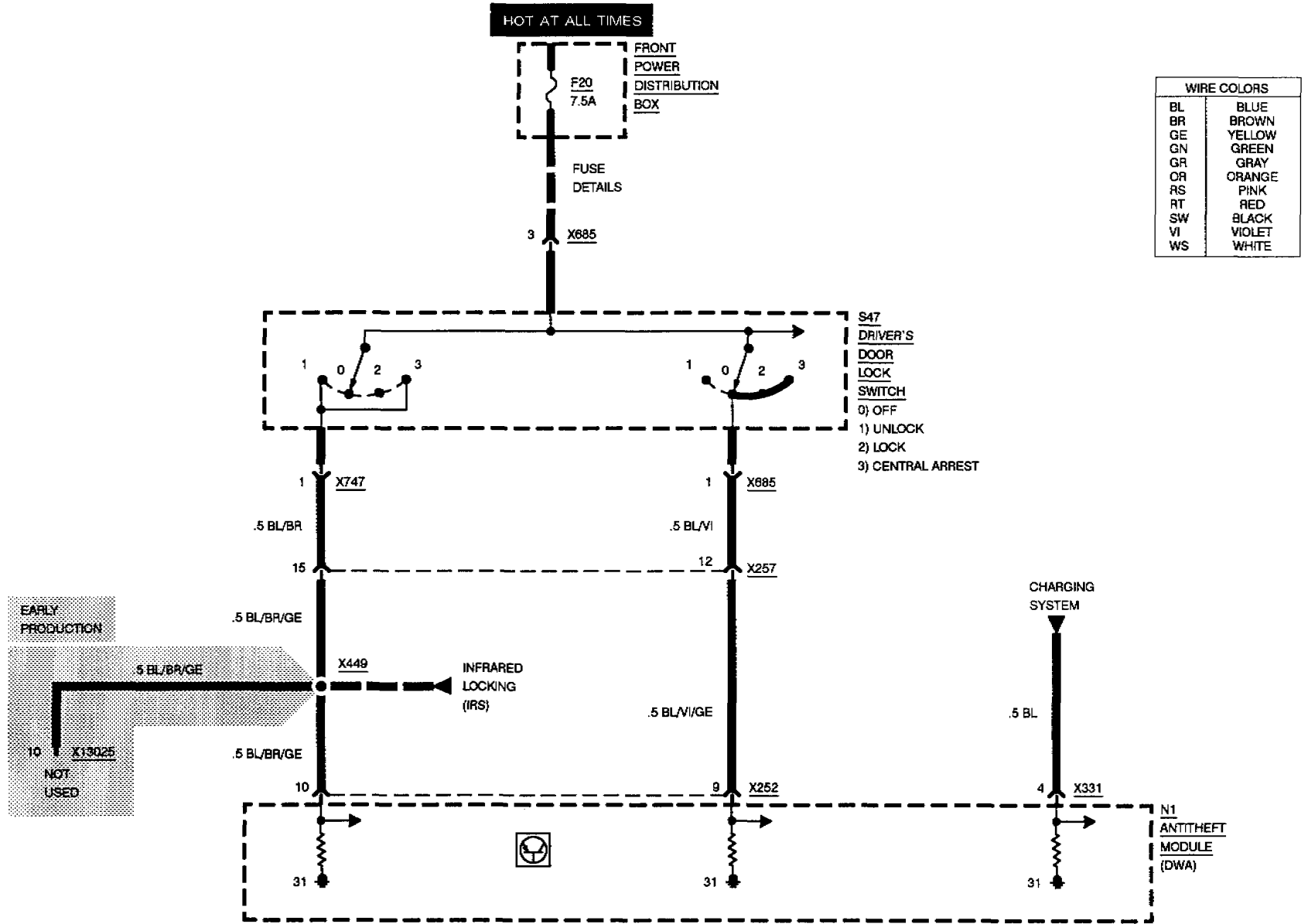
GLOVE BOX, RADIO, ENGINE HOOD INPUTS





ANTITHEFT SYSTEM (DWA)

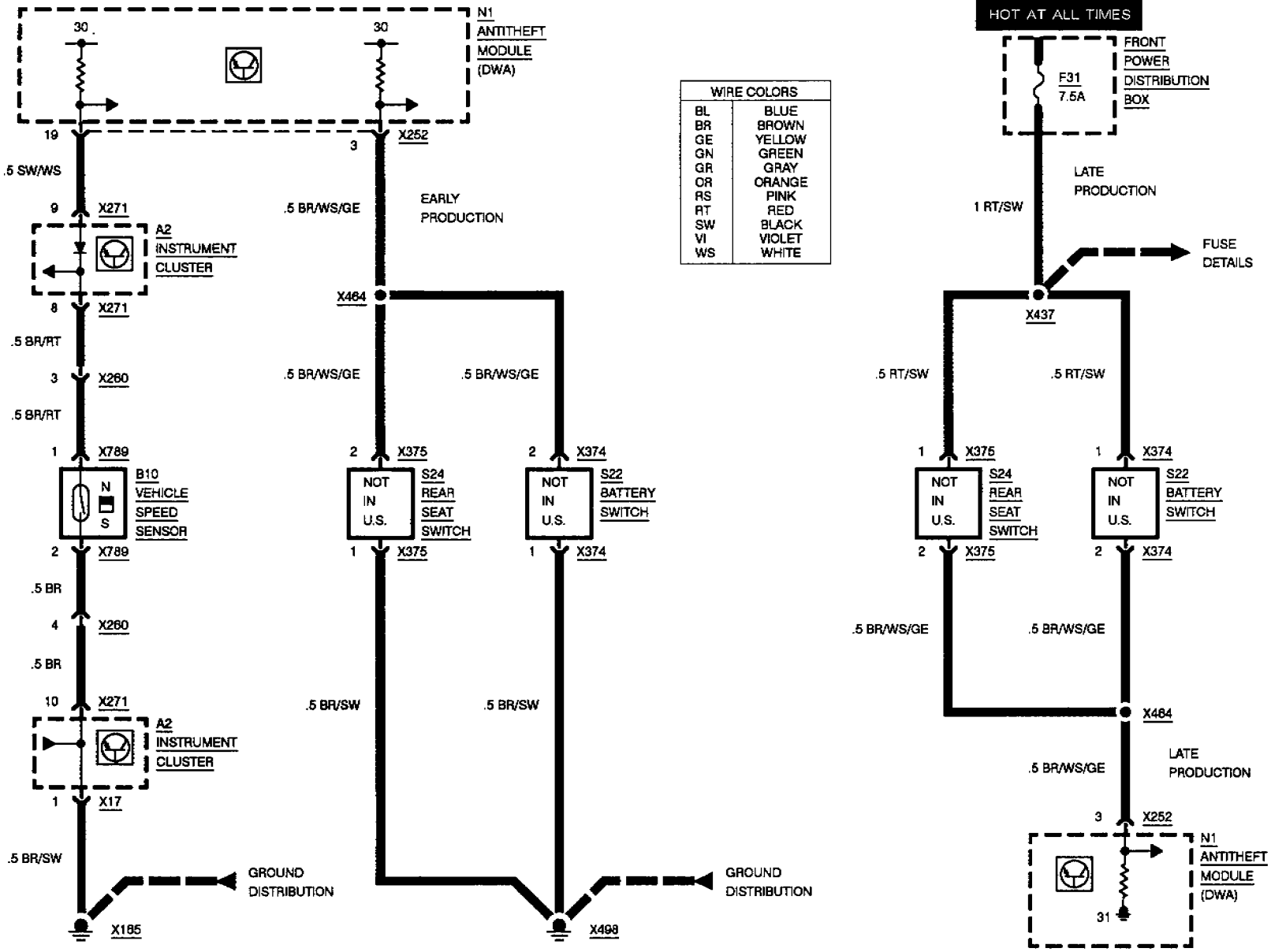
ENGINE RUNNING INPUT, DRIVER'S DOOR INPUTS

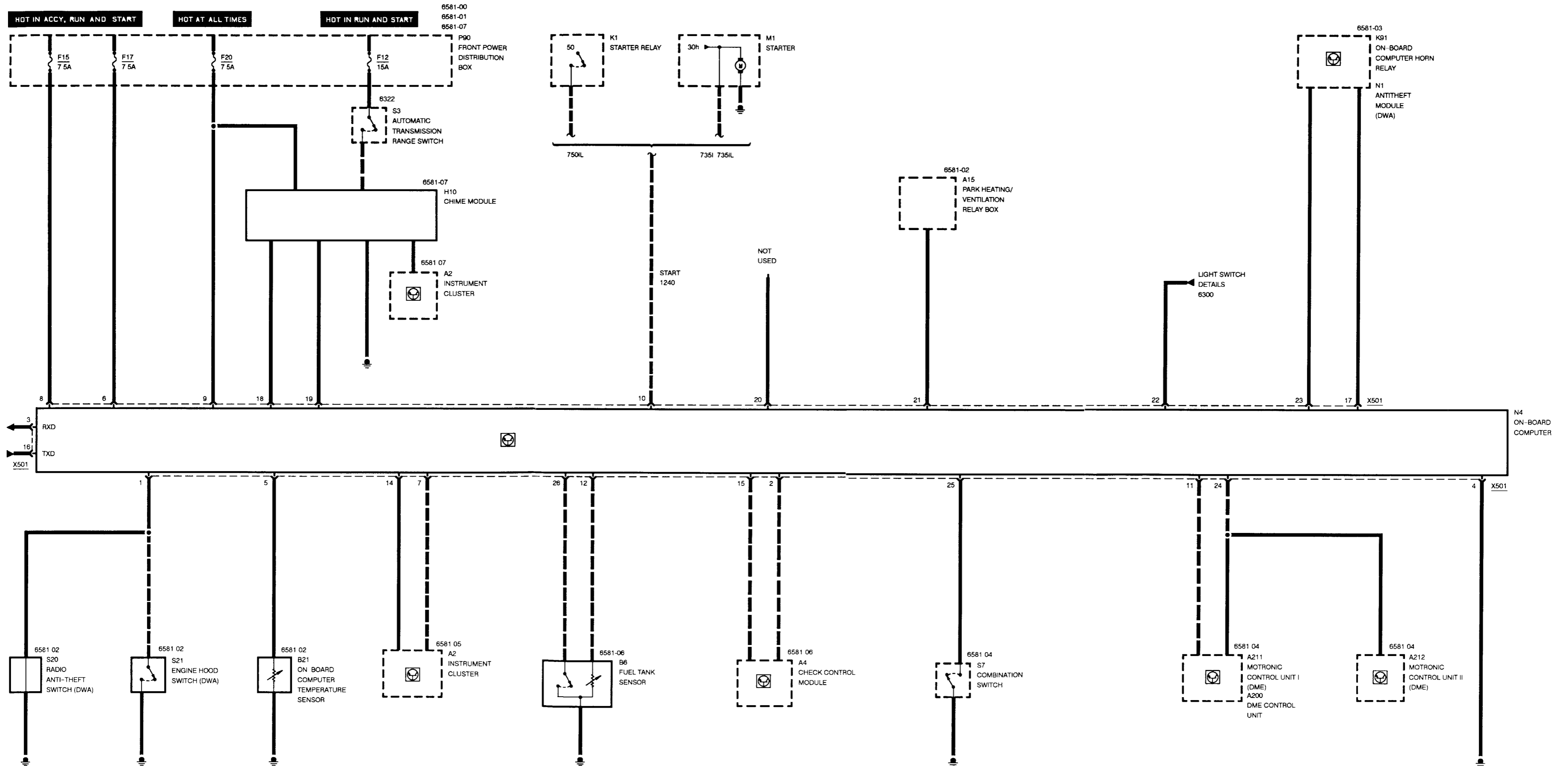




ANTITHEFT SYSTEM (DWA)

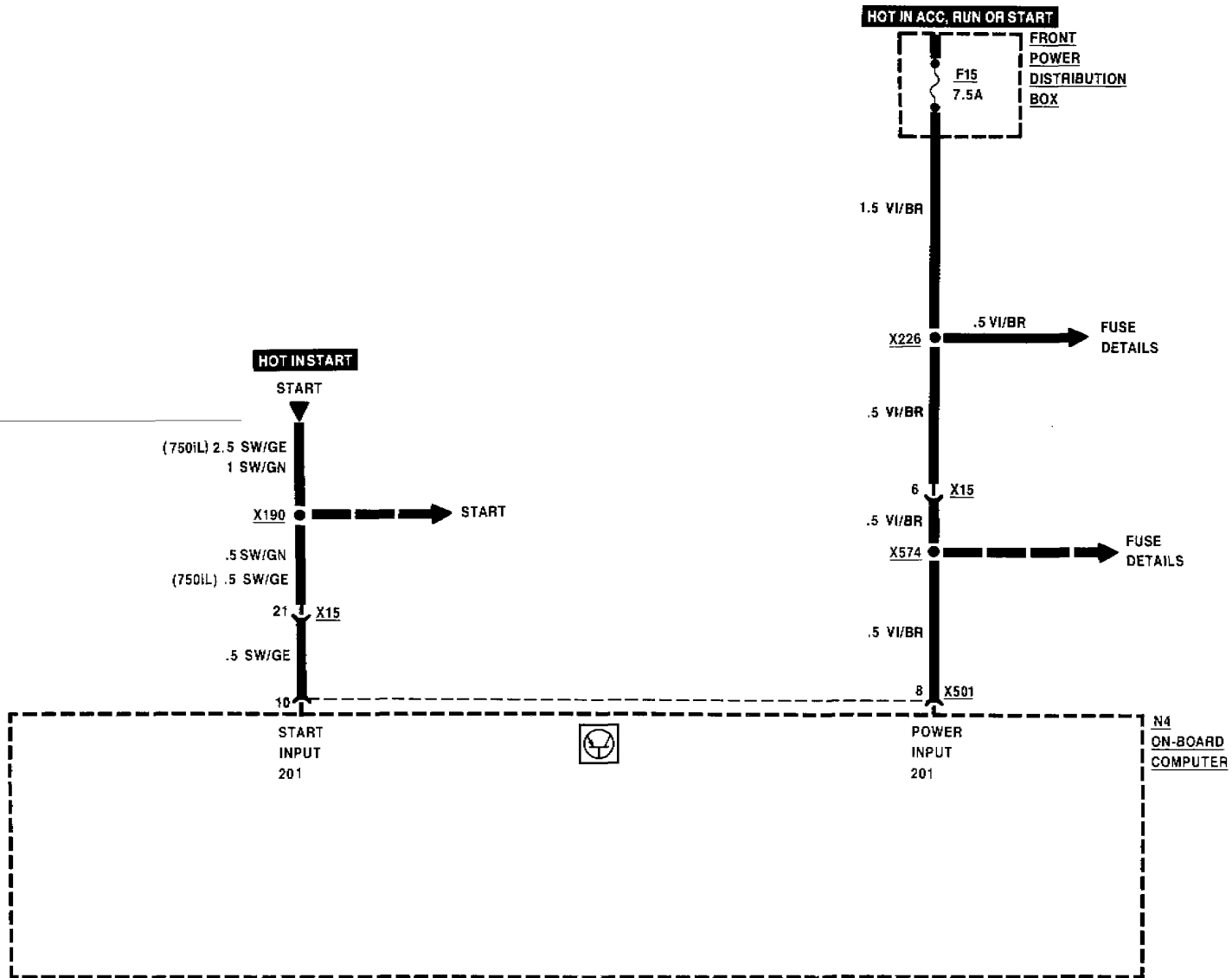
BATTERY, REAR SEAT, MOTION INPUTS







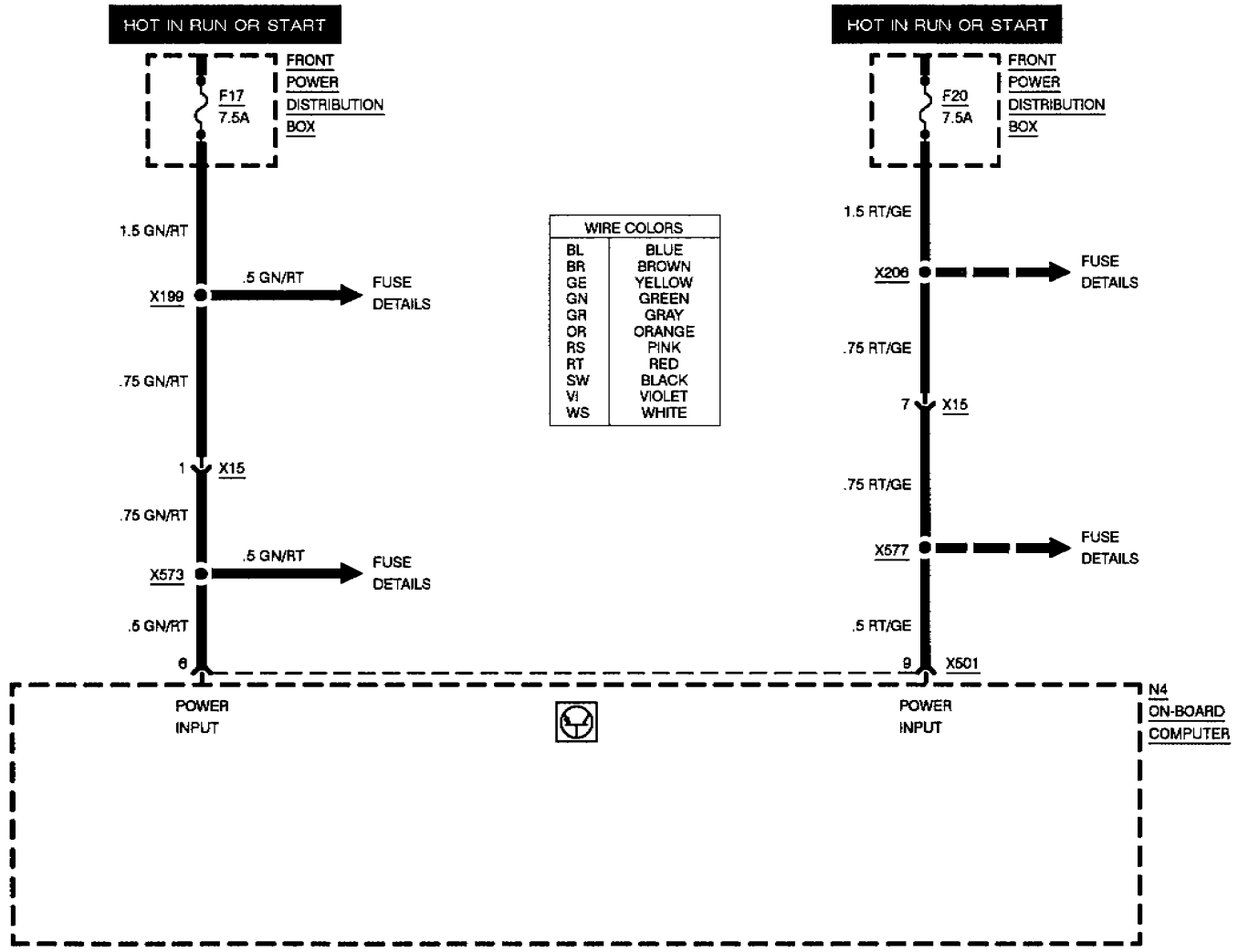
ON-BOARD COMPUTER



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

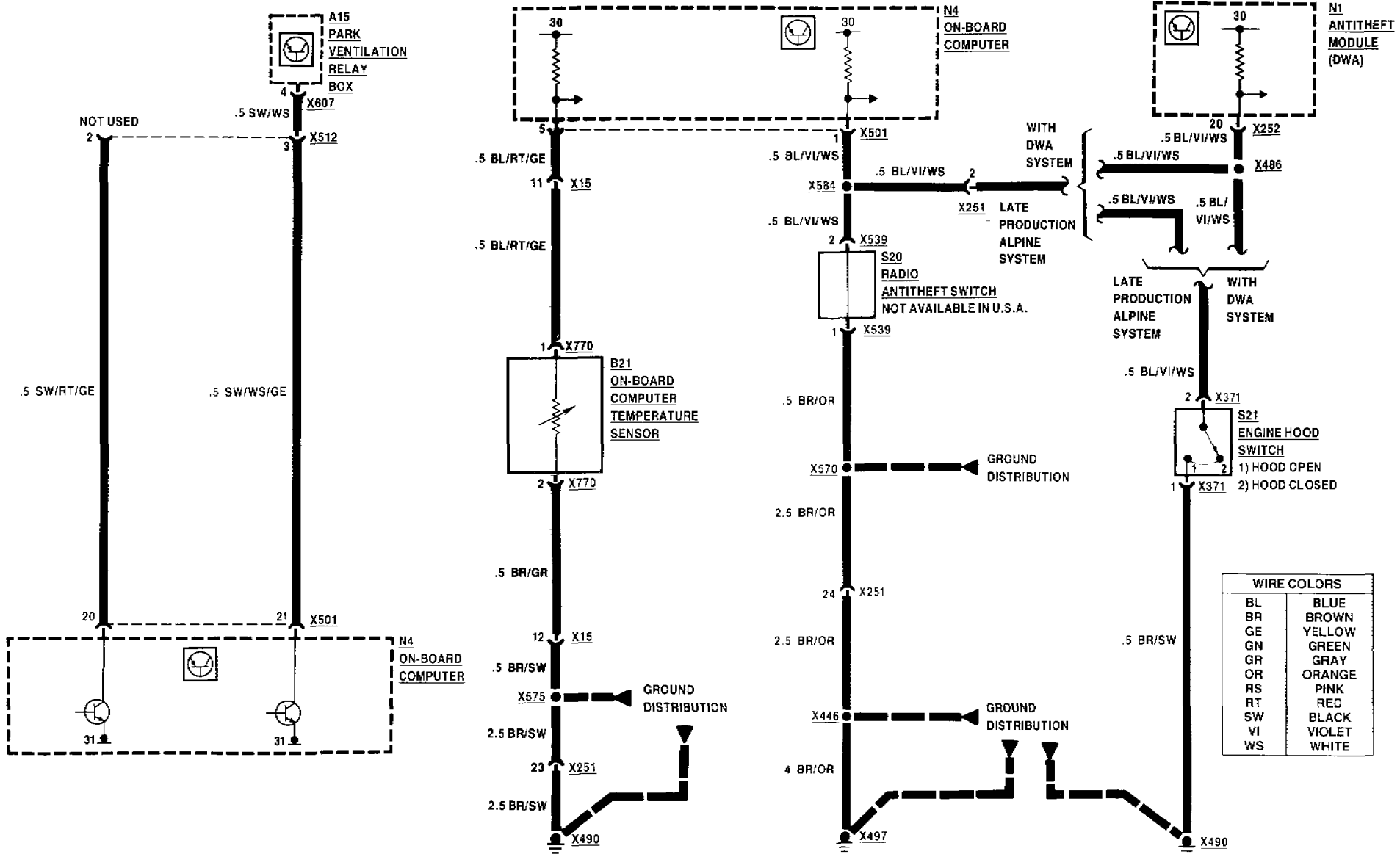


ON-BOARD COMPUTER



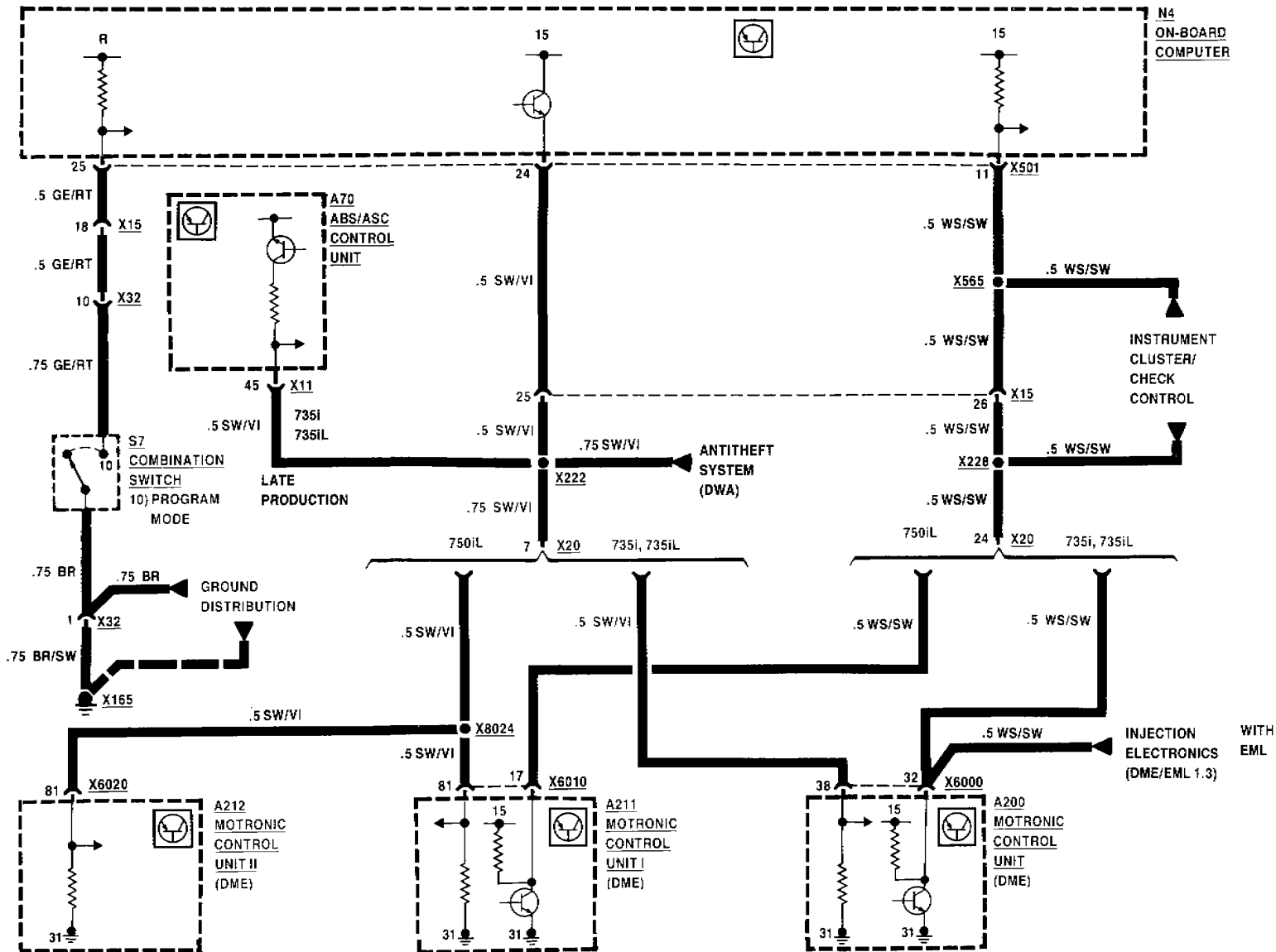


ON-BOARD COMPUTER





ON-BOARD COMPUTER INJECTION SIGNAL, DRIVE AWAY PROTECTION, PROGRAMMING



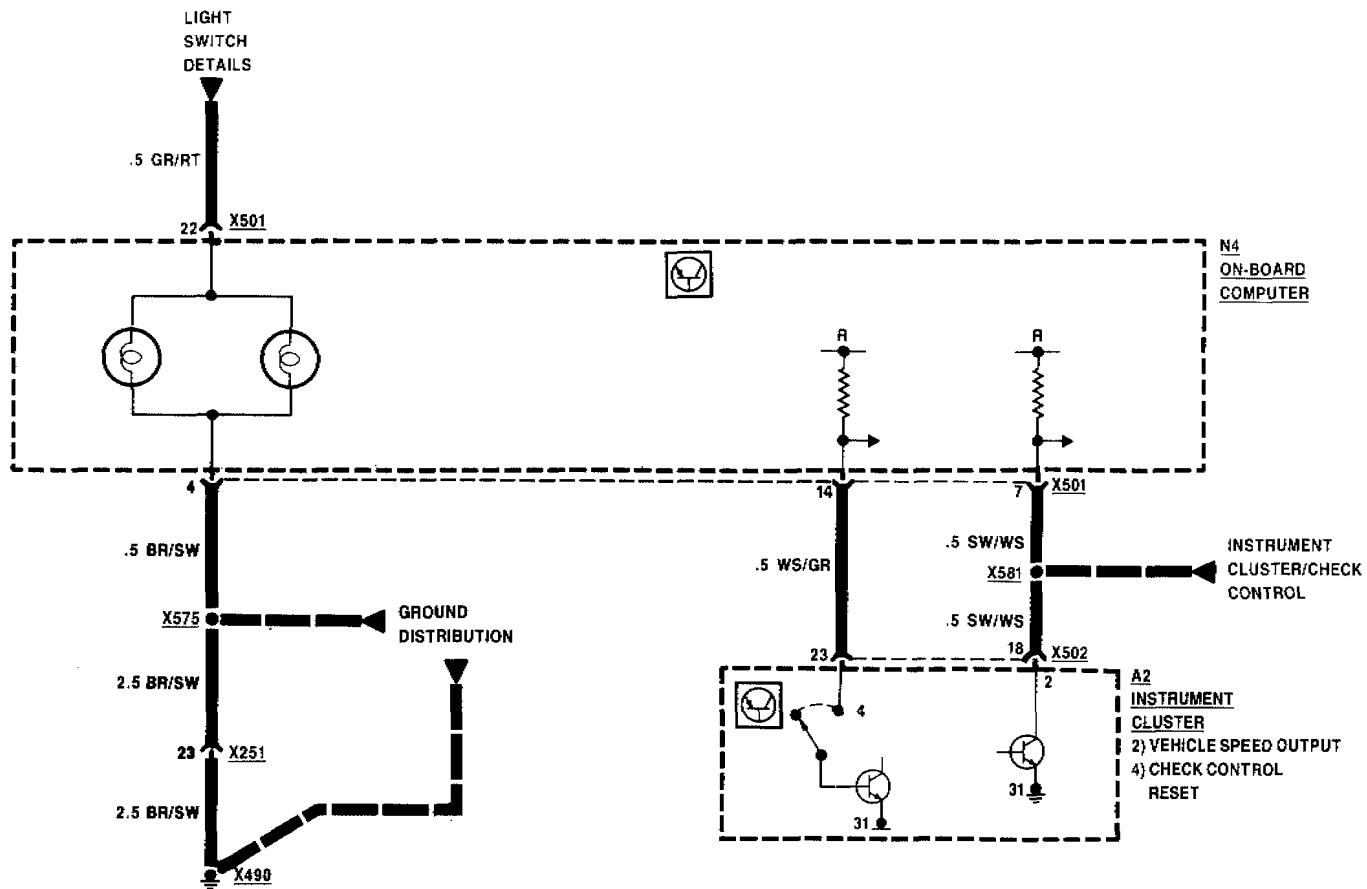
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



ON-BOARD COMPUTER

VEHICLE SPEED

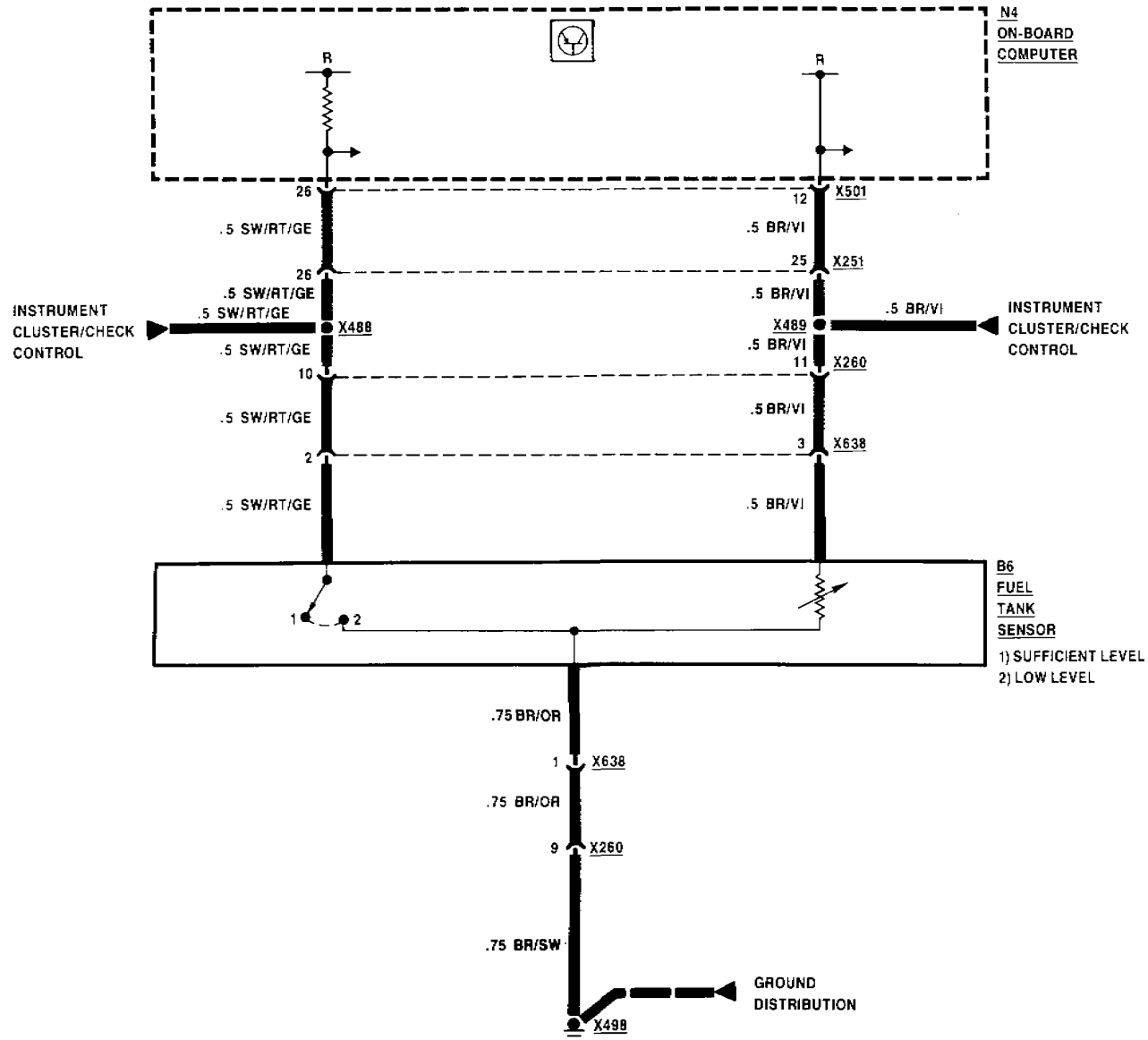
| WIRE COLORS | |
|-------------|--------|
| BL | BLUE |
| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |





ON-BOARD COMPUTER

FUEL INFORMATION

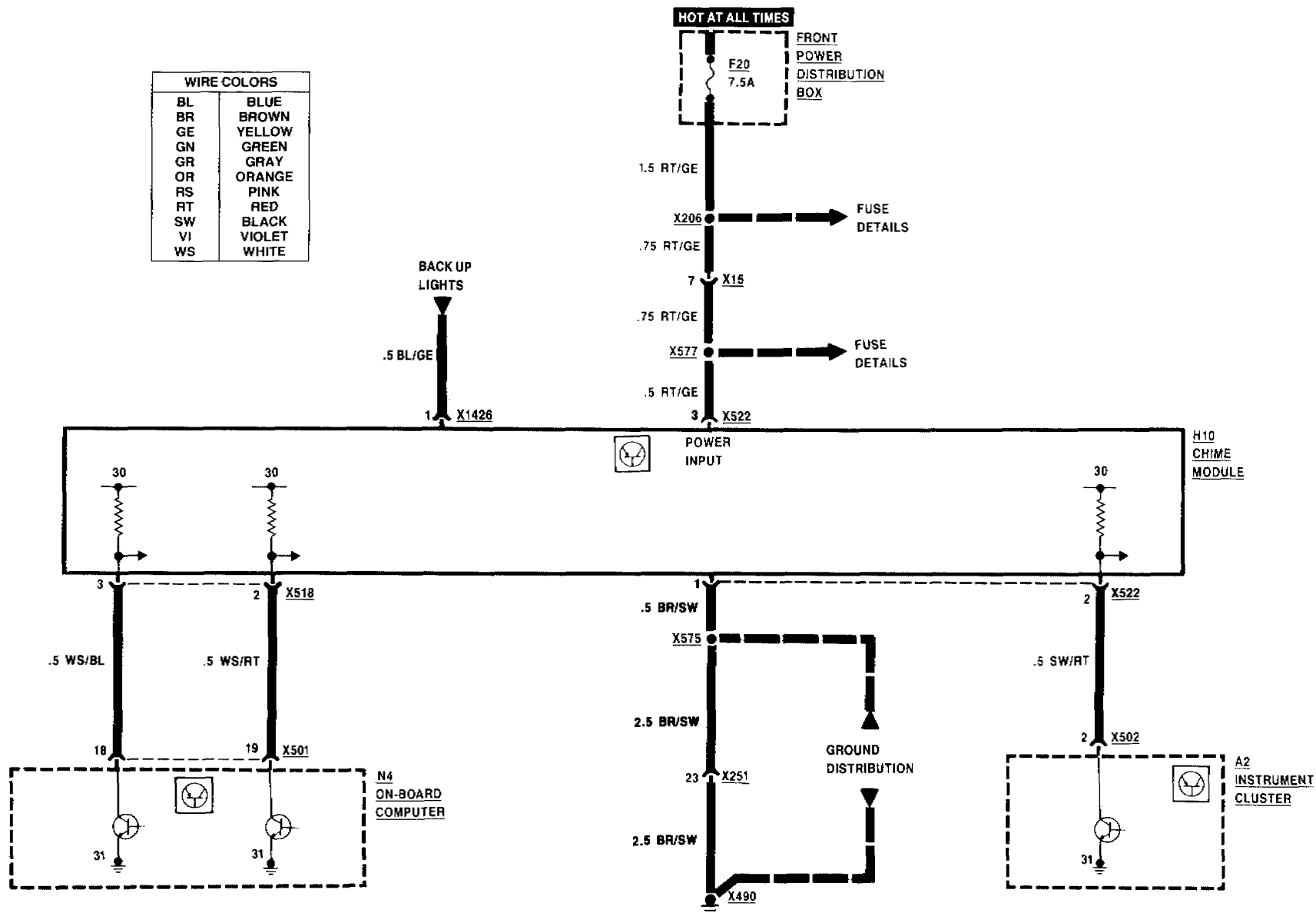


| WIRE COLORS | |
|-------------|--------|
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| BR | BROWN |
| GE | YELLOW |
| GN | GREEN |
| GR | GRAY |
| OR | ORANGE |
| RS | PINK |
| RT | RED |
| SW | BLACK |
| VI | VIOLET |
| WS | WHITE |



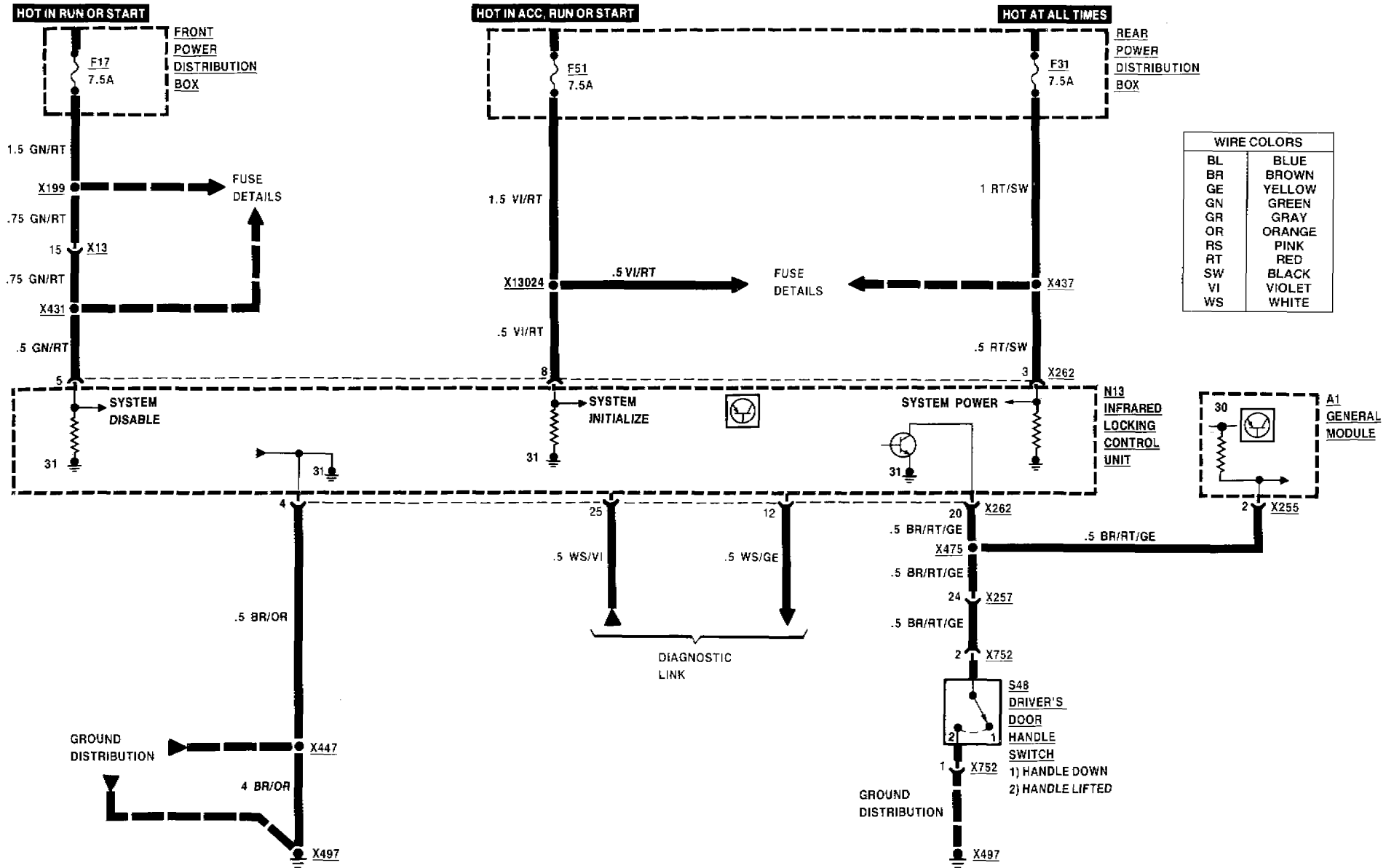
ON-BOARD COMPUTER CHIME MODULE

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





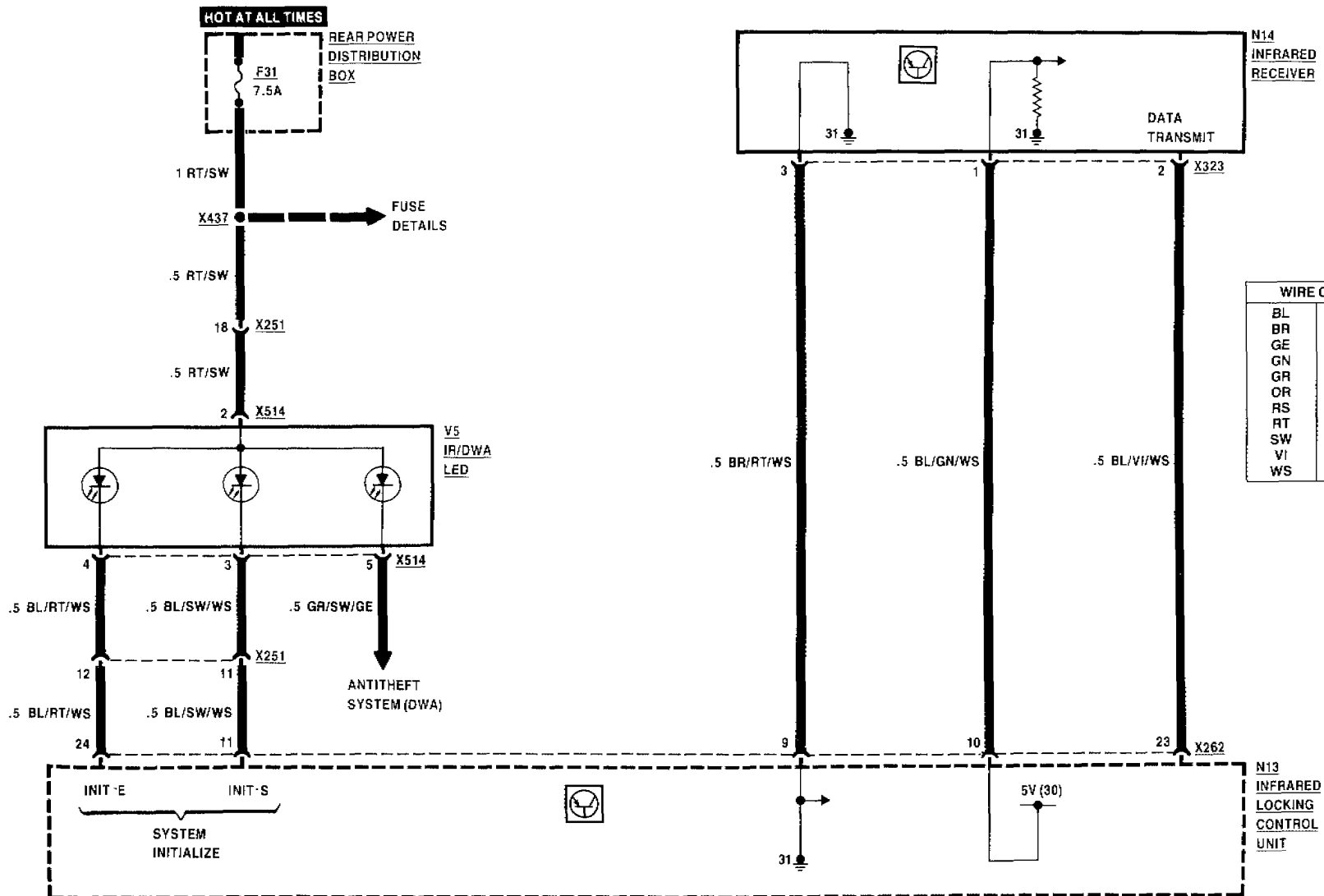
INFRARED LOCKING (IRS) POWER, GROUND, DATA LINK





INFRARED LOCKING (IRS) INITIALIZE, RECEIVER CIRCUITS

735iL, 750iL



10/90

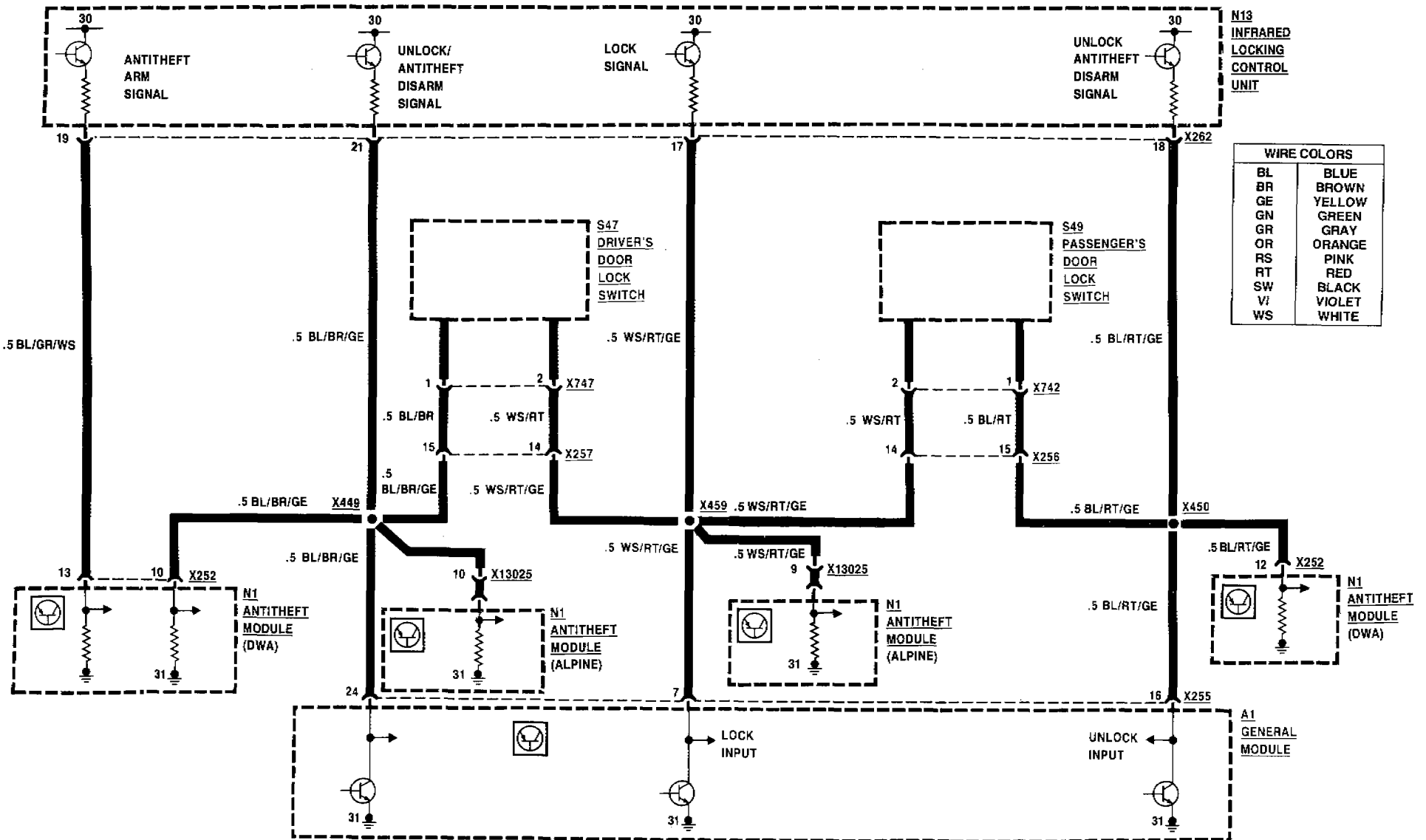
6610-01

1991



INFRARED LOCKING (IRS)

LOCK, UNLOCK, ANTITHEFT CONTROL





COMPONENT LOCATION CHART

COMPONENTS

| | Page-Figure | |
|--|--|-----------|
| Auxiliary Relay Box 2 | RH side of engine compartment, forward of shock tower | 7100-15-1 |
| Auxiliary Relay Box 1 | LH side of engine compartment, ahead of shock tower | 7100-04-1 |
| Diode | Above glove box, taped to harness. | 7100-37-1 |
| E-Box | RH rear of engine compartment, behind RH front shock tower | 7100-16-3 |
| FA 5A | RH front of luggage compartment, near Phone Transceiver | 7100-50-1 |
| FB 100mA | RH front of luggage compartment, near Phone Transceiver | 7100-50-1 |
| FC 5A | RH front of luggage compartment, near Phone Transceiver | 7100-50-1 |
| FD 3A | LH front of luggage compartment, on CD changer | 7100-49-1 |
| Front Power Distribution Box | LH rear corner of engine compartment. | 7100-00-2 |
| Fusible Link A (50A) | Below RH side of rear seat, right of Battery | 7100-46-3 |
| Fusible Link B (80A) | Below RH side of rear seat, behind Battery | 7100-46-2 |
| Mute Accessory Module | RH front of luggage compartment, near Phone Transceiver | 7100-50-1 |
| Phone Transceiver | RH front of luggage compartment | 7100-50-1 |
| Rear Power Distribution Box | Below LH side of rear seat | 7100-43-2 |
| A1 General Module | Below LH side of rear seat, in Rear Power Distribution Box | 7100-43-2 |
| A2 Instrument Cluster | Top LH side of dash | 7100-28-3 |
| A3 Lamp Control Module | LH rear of engine compartment, in Front Power Distribution Box | 7100-00-3 |
| A4 Check Control Module | LH rear of engine compartment, in Front Power Distribution Box | 7100-00-3 |
| A5 Relay Module | Below LH side of rear seat, in Rear Power Distribution Box | 7100-43-2 |
| A7 ABS Electronic Control Unit | Behind RH front shock tower, in E-Box. | 7100-17-2 |
| A8 Cruise Control Module (Tempomat) | Behind RH front shock tower, in E-Box. | 7100-17-1 |
| A11 Automatic Heating and Air Conditioning Control Unit (IHKA) | Ahead of IHKA plenum. | 7100-36-2 |
| A12 Diagnostic Module (SRS) | Below LH side of dash, left of steering column. | 7100-25-3 |
| A13 Rear Headrest Control Unit | Below LH side of rear seat, in Rear Power Distribution Box | 7100-43-2 |
| A15 Park Ventilation Relay Box | Behind RH side of dash, above glove box | 7100-36-3 |



COMPONENT LOCATION CHART

| | | | |
|-------|---|---|-----------|
| A17 | Servotronic Control Unit | Inside top of LH kick panel, on module/relay bracket | 7100-24-1 |
| A18 | HIFI Amplifier | Behind LH luggage compartment trim panel, on brace | 7100-49-2 |
| A21 | Seat/Mirror/Steering Column Memory Control Module | Under driver's seat | 7100-40-3 |
| A26 | Lock-Sensor Control Unit | Inside top of LH kick panel, on module/relay bracket | 7100-24-2 |
| A70 | ABS/ASC Control Unit | Behind RH front shock tower, in E-Box | 7100-18-1 |
| A200 | Motronic Control Unit (DME) | Behind RH front shock tower, in E-Box | 7100-17-2 |
| A202 | EML (1.3) Electronic Control Unit | Behind RH front shock tower, in E-Box | 7100-17-2 |
| A211 | Motronic Control Unit I (DME) | Behind RH front shock tower, in E-Box | 7100-18-1 |
| A212 | Motronic Control Unit II (DME) | Behind RH front shock tower, in E-Box | 7100-18-1 |
| A220 | EML (1.7) Electronic Control Unit | Behind RH front shock tower, in E-Box | 7100-18-1 |
| A227 | Electrochromic Mirror | Center of windshield header | 7100-34-2 |
| A300 | Electronic Transmission Control Unit (EGS) | Behind RH kick panel | 7100-37-2 |
| A413 | Electronic Damper Control Unit | RH side of luggage compartment | |
| A602 | Steering Column Adjustment Relay | Near steering column | |
| A9019 | CD Changer | LH front of luggage compartment | 7100-48-3 |
| A9070 | ABS/ASC +T Control Unit | Behind RH front shock tower, in E-Box | 7100-18-1 |
| B1 | Right Front Speed Sensor | Behind RH front wheel | 7100-22-1 |
| B2 | Left Front Speed Sensor | Behind LH front wheel | 7100-21-3 |
| B3 | Right Rear Speed Sensor | Behind RH rear wheel | 7100-22-3 |
| B4 | Left Rear Speed Sensor | Behind LH rear wheel | 7100-22-2 |
| B6 | Fuel Tank Sensor | Below luggage compartment, thru RH access panel, right of spare tire | 7100-50-2 |
| B10 | Vehicle Speed Sensor | Below rear of car, on RH side of rear differential | 7100-23-3 |
| B11 | Left Heat Exchanger Temperature Sensor | Below LH side of dash, in LH rear of IHKA plenum | 7100-30-1 |
| B12 | Right Heat Exchanger Temperature Sensor | Below RH side of dash, in RH side of IHKA plenum | 7100-36-1 |
| 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 | 7100-30-3 |
| B15 | Electro-Hydraulic Converter | Below LH front of car, on bottom of steering rack assembly | 7100-20-2 |
| B16 | Left Front Brake Pad Sensor | Behind LH front wheel, on brake caliper | 7100-21-3 |



COMPONENT LOCATION CHART

| | | | |
|------|--|--|-----------|
| B17 | Right Rear Brake Pad Sensor | Behind RH rear wheel, on brake caliper | 7100-22-3 |
| B18 | Brake Fluid Level Switch (750iL) | LH rear of engine compartment, top of brake fluid reservoir | 7100-03-1 |
| B18 | Brake Fluid Level Switch (735i/735iL) | LH rear of engine compartment, top of brake fluid reservoir | 7100-02-1 |
| B19 | Brake Pressure Regulating Switch (750iL) | LH side of engine compartment, right of shock tower | 7100-04-3 |
| B20 | Brake Pressure Differential Switch (750iL) | LH side of engine compartment, right of shock tower | 7100-04-3 |
| B21 | On-Board Computer Temperature Sensor | RH side of front bumper, top LH side of fog light | 7100-09-1 |
| B22 | Wheel Camber Control Unit | Below RH rear of car, above RH halfshaft | 7100-23-2 |
| B40 | Steering Angle Sensor | On steering column | |
| B41 | Right Front Acceleration Sensor | RH side of engine compartment | |
| B48 | Right Rear Acceleration Sensor | RH side of luggage compartment, near wheel well | |
| B49 | Longitudinal Acceleration Sensor | LH side of luggage compartment, near wheel well | |
| B201 | Cylinder Identification Sensor | Top RH front of engine, on distributor | 7100-13-3 |
| B202 | Engine Speed/Reference Point Sensor | RH front of engine, below distributor | 7100-13-3 |
| B203 | Oxygen Sensor | In top of catalytic converter, near rear of transmission | 7100-21-2 |
| B204 | Coolant Temperature Sensor | On coolant inlet, near front of valve cover | 7100-14-1 |
| B205 | Oil Level Sensor (735i/735iL) | Under front of car, on bottom of oil pan | 7100-09-2 |
| B205 | Oil Level Sensor (750iL) | Under front of car, on bottom of oil pan | 7100-09-3 |
| B206 | Oil Pressure Switch (735i/735iL) | Top RH rear of engine, rear of cylinder head | 7100-19-2 |
| B206 | Oil Pressure Switch (750iL) | LH front of engine, on rear of oil filter | 7100-06-3 |
| B207 | Coolant Temperature Sender (750iL) | RH rear of engine, on end of cylinder head | 7100-19-3 |
| B207 | Coolant Temperature Sender (735i/735iL) | On coolant inlet, near front of valve cover | 7100-14-1 |
| B208 | Air Flow Meter | Top RH rear of engine, in rear of air intake assembly | 7100-15-3 |
| B209 | Water Temperature Sensor (750iL) | RH rear of engine, on end of cylinder head | 7100-19-3 |
| B209 | Water Temperature Sensor (735i/735iL) | On coolant inlet, near front of valve cover | 7100-14-1 |
| B210 | Temperature Switch (735i/735i) | Behind RH front shock tower, in E-Box | 7100-17-3 |
| B210 | Temperature Switch (750iL) | Behind RH front shock tower, in E-Box | 7100-18-2 |
| B220 | Cylinder Identification Sensor I | Under LH distributor cover, on spark plug wire number 6 | 7100-06-1 |
| B221 | Cylinder Identification Sensor II | Under RH distributor cover, on spark plug wire number 12 | 7100-13-1 |
| B222 | Engine Speed Sensor I (Cyl 1-6) | Lower LH center front of engine, below B223 Engine Speed Sensor II | 7100-09-3 |



COMPONENT LOCATION CHART

| | | | |
|-------|--|--|-----------|
| B223 | Engine Speed Sensor II (Cyl 7-12) | LH center front of engine, near top radiator hose engine inlet | 7100-06-1 |
| B224 | Engine Intake Air Temperature Sensor I (Cyl 1-6) | LH rear of engine, on end of cylinder head | 7100-02-3 |
| B225 | Engine Intake Air Temperature Sensor II (Cyl 7-12) | RH rear of engine, on end of cylinder head | 7100-19-3 |
| B226 | Air Mass Meter I (Cyl 1-6) | LH front of engine, on air intake assembly | 7100-06-2 |
| B227 | Air Mass Meter II (Cyl 7-12) | RH front of engine, on air intake assembly | 7100-11-3 |
| B228 | Water Temperature Sensor (DME) | RH rear of engine, on end of cylinder head | 7100-19-3 |
| B301 | Oxygen Sensor I | Below center of car, in LH top of catalytic converter | 7100-21-1 |
| B302 | Oxygen Sensor II | Below center of car, in RH top of catalytic converter | 7100-21-1 |
| B900 | Jumper Plug | LH rear of engine compartment, in Front Power Distribution Box | 7100-01-1 |
| B9508 | Pressure Switch | RH front corner of engine compartment | 7100-10-2 |
| C100 | Contact Ring | On steering wheel base, in front of airbag | 7100-28-2 |
| C900 | Defogger Coupler | In RH "C" pillar | 7100-48-2 |
| D100 | Diagnostic Connector (735i/735iL) | LH rear of engine compartment, right of shock tower | 7100-02-1 |
| D100 | Diagnostic Connector (750iL) | LH rear of engine compartment, right of shock tower | 7100-02-2 |
| E48 | Door Lock Heater | In driver's door, at key lock assembly | |
| E51 | Left Washer Jet Heater | LH side of engine compartment hood, under cover | 7100-10-1 |
| E52 | Right Washer Jet Heater | RH side of engine compartment hood, under cover | 7100-10-1 |
| E56 | Driver's Seatback Heater | In driver's seatback | 7100-42-1 |
| E57 | Driver's Seat Heater | In driver's seat | 7100-41-1 |
| E58 | Passenger's Seat Heater | In passenger's seat | 7100-42-3 |
| E59 | Passenger's Seatback Heater | In passenger's seatback | 7100-43-1 |
| E65 | Left Rear Seatback Heater | In LH rear seatback | |
| E66 | Left Rear Seat Heater | In LH rear seat | |
| E67 | Right Rear Seat Heater | In RH rear seat | |
| E68 | Right Rear Seatback Heater | In RH rear seatback | |
| G2 | Alternator (735i/535iL) | Lower LH front of engine | 7100-05-3 |
| G2 | Alternator (750iL) | Lower LH front of engine | 7100-06-1 |
| G5 | Driver's Air Bag Generator | In center of steering wheel | 7100-28-2 |



COMPONENT LOCATION CHART

| | | | |
|-----|----------------------------------|---|-----------|
| H1 | Antitheft Horn (DWA) | Below RH side of fresh air cowl | |
| H2 | Left Horn | Front of car, behind grille | 7100-08-2 |
| H3 | Right Horn | Front of car, behind grille | 7100-08-2 |
| H10 | Chime Module | Below LH side of dash, left of steering column, mounted on hush panel | 7100-24-3 |
| K1 | Starter Relay | LH rear of engine compartment, in Front Power Distribution Box. | 7100-01-1 |
| K2 | Horn Relay | LH rear of engine compartment, in Front Power Distribution Box. | 7100-01-2 |
| K3 | Unloader Relay, KLR | LH rear of engine compartment, in Front Power Distribution Box. | 7100-01-1 |
| K4 | Blower Relay | LH rear of engine compartment, in Front Power Distribution Box. | 7100-01-1 |
| K5 | Washer Pump Relay | LH rear of engine compartment, in Front Power Distribution Box. | 7100-01-2 |
| K7 | Parking Light Monitor Relay | LH rear of engine compartment, in Front Power Distribution Box. | 7100-00-3 |
| K8 | Front Defogger/Water Pump Relay | LH rear of engine compartment, in Front Power Distribution Box. | 7100-00-3 |
| K9 | Unloader Relay, KL15 | LH rear of engine compartment, in Front Power Distribution Box. | 7100-00-3 |
| K10 | ABS Overvoltage Protection Relay | LH rear of engine compartment, in Front Power Distribution Box. | 7100-00-3 |
| K11 | Wiper Relay | Below LH side of rear seat, in Rear Power Distribution Box | 7100-43-3 |
| K13 | Rear Defogger Relay | Below LH side of rear seat, in Rear Power Distribution Box | 7100-43-2 |
| K15 | Electric Power Protection Relay | Below LH side of rear seat, in Rear Power Distribution Box | 7100-43-3 |
| K16 | Hazard Flasher Relay | LH rear of engine compartment, in Front Power Distribution Box. | 7100-01-2 |
| K19 | Compressor Control Relay | Inside top of LH kick panel, on module/relay bracket | 7100-24-2 |



COMPONENT LOCATION CHART

| | | | |
|------|--|---|-----------|
| K21 | Normal Speed Relay (735i/735iL) | LH side of engine compartment, front of shock tower, in Auxiliary Relay Box 1 | 7100-04-2 |
| K21 | Normal Speed Relay (750iL) | LH side of engine compartment, front of shock tower, in Auxiliary Relay Box 1 | 7100-04-3 |
| K22 | High Speed Relay (750iL) | LH side of engine compartment, front of shock tower, in Auxiliary Relay Box 1 | 7100-04-3 |
| K22 | High Speed Relay (735i/735iL) | LH side of engine compartment, front of shock tower, in Auxiliary Relay Box 1 | 7100-04-2 |
| K25 | Right Park Light/License Plate Light Relay | Below LH side of dash, behind kick panel | |
| K26 | Left Park Light Relay | Below LH side of dash, behind kick panel | |
| K27 | Left Rear Seat Heating/Position Relay | Below LH side of rear seat, on Rear Power Distribution Box | 7100-43-3 |
| K28 | Right Rear Seat Heating/Position Relay | Below LH side of rear seat, on Rear Power Distribution Box | 7100-43-3 |
| K33 | Air Conditioning Motronic Relay (750iL) | LH side of engine compartment, front of shock tower, in Auxiliary Relay Box 1 | 7100-04-3 |
| K33 | Air Conditioning Motronic Relay (735i/735iL) | LH side of engine compartment, front of shock tower, in Auxiliary Relay Box 1 | 7100-04-2 |
| K51 | Phone Alert Relay | LH rear of engine compartment, in Front Power Distribution Box | 7100-01-1 |
| K61 | Unloader Relay, KL61 | LH rear of engine compartment, in Front Power Distribution Box | 7100-01-1 |
| K67 | Electronic Damper Control Relay | RH side of luggage compartment | |
| K79 | Foglight Relay | Below LH side of dash | |
| K91 | On-Board Computer Horn Relay | Below LH side of rear seat, ahead of Rear Power Distribution Box | 7100-44-2 |
| K201 | Fuel Pump Relay | Behind RH front shock tower, in E-Box | 7100-17-2 |
| K202 | Main Relay | Behind RH front shock tower, in E-Box | 7100-17-2 |
| K210 | Fuel Pump Relay I (Cyl 1-6) | Front of RH front shock tower, in Auxiliary Relay Box 2 | 7100-14-3 |
| K211 | Fuel Pump Relay II (Cyl 7-12) | Front of RH front shock tower, in Auxiliary Relay Box 2 | 7100-14-3 |
| K212 | Main Relay I (Cyl 1-6) | Front of RH front shock tower, in Auxiliary Relay Box 2 | 7100-14-3 |
| K213 | Main Relay II (Cyl 7-12) | Front of RH front shock tower, in Auxiliary Relay Box 2 | 7100-14-3 |



COMPONENT LOCATION CHART

| | | | |
|---------------|---|--|-----------|
| K600 | Rear Seat Heating/Headrest Relay | Below LH side of rear seat, on Rear Power Distribution Box | |
| M1 | Starter (735i/735iL) | Lower LH rear of engine, below intake manifold | 7100-03-2 |
| M1 | Starter (750iL) | Lower RH rear of engine, below intake manifold | |
| M2 | Fuel Pump | Below luggage compartment, thru RH access panel, right of spare tire | 7100-50-2 |
| M3 | Wiper Motor | Behind LH side of fresh air cowl | 7100-00-1 |
| M4 | Washer Pump (735i/735iL) | RH front of engine compartment, on washer fluid reservoir | 7100-10-3 |
| M4 | Washer Pump (750iL) | RH front of engine compartment, on bottom washer fluid reservoir | 7100-11-1 |
| M5 | Intensive Wash Pump (735iL) | RH front of engine compartment, on washer fluid reservoir | 7100-10-3 |
| M5 | Intensive Wash Pump (750iL) | RH rear of engine compartment, on top washer fluid reservoir | 7100-16-2 |
| M7 | Headlight/Fog Light Washer Pump (750iL) | RH front of engine compartment, on bottom washer fluid reservoir | 7100-11-1 |
| M7 | Headlight/Fog Light Washer Pump (735iL) | LH front of engine compartment, on washer fluid reservoir | 7100-07-1 |
| M9 | Auxiliary Fan Motor | Center front of car, foward of radiator | 7100-08-3 |
| M11 | Fuel Pump | Below luggage compartment, right of spare tire, in fuel tank | |
| M12 | Driver's Door Lock Motor | In top rear of driver's door | 7100-38-1 |
| M13 | Passenger's Door Lock Motor | In top rear of passenger's door | 7100-38-1 |
| M14 | Right Rear Door Lock Motor | Top rear of RH rear door | 7100-39-1 |
| M15 | Left Rear Door Lock Motor | Top rear of LH rear door | 7100-39-1 |
| M16 | Gas Filler Lock Motor | RH side of luggage compartment, behind wheel well | 7100-50-3 |
| M17 | Trunk Lock Motor | Center rear of luggage compartment, right of lid lock assembly | 7100-51-1 |
| M20 | Left Rear Window Motor | In lower front of LH rear door | 7100-39-1 |
| M21 | Driver's Window Motor | In lower front of driver's door | 7100-38-1 |
| M22 | Right Rear Window Motor | In lower front of RH rear door | 7100-39-1 |
| M23 | Passenger's Window Motor | In lower front of passenger's door | 7100-38-1 |
| M24 | Sunroof Motor | In center of windshield header, behind rear view mirror | 7100-34-3 |
| M25 | Cruise Control Actuator (Tempomat) | LH side of engine compartment, ahead of shock tower | 7100-05-1 |



COMPONENT LOCATION CHART

| | | | |
|-----|---------------------------------------|---|-----------|
| M26 | Left Rear Seat Movement Motor | Underside of LH rear seat | 7100-44-3 |
| M27 | Left Rear Headrest Motor | In LH rear headrest assembly | 7100-48-1 |
| M28 | Right Rear Headrest Motor | In RH rear headrest assembly | 7100-48-1 |
| M29 | Right Rear Seat Movement Motor | Underside of RH rear seat | 7100-44-3 |
| M30 | Blower Motor | Below center of fresh air cowl, behind coolant expansion tank support panel | |
| M31 | Left Footwell Flap Motor | Below LH side of dash, on LH rear of IHKA plenum | 7100-30-1 |
| M32 | Right Footwell Flap Motor | Below RH side of dash, on RH side of IHKA plenum | 7100-36-1 |
| M33 | Right Ventilation Flap Motor | Below RH side of dash, on RH side of IHKA plenum | 7100-36-1 |
| M34 | Right Mixing Flap Motor | Behind center of dash, right of radio | 7100-32-2 |
| M35 | Defroster Flap Motor | Below LH side of dash, on lower LH side of IHKA plenum | 7100-30-3 |
| M36 | Fresh Air Flap Motor | Below LH side of dash, on LH front of IHKA plenum | 7100-30-2 |
| M37 | Water Pump | LH rear of engine compartment, on engine bulkhead | 7100-00-2 |
| M38 | Left Ventilation Flap Motor | Below LH side of dash, on LH side of IHKA plenum | 7100-30-2 |
| M39 | Left Mixing Flap Motor | Behind center of dash, left of radio | 7100-31-1 |
| M40 | Air Circulation Flap Motor | Below LH side of dash, on LH front of IHKA plenum | 7100-30-2 |
| M41 | Rear Compartment Flap Motor | Below LH front of center console, on lower rear of IHKA plenum | 7100-30-1 |
| M50 | Driver's Seat Cushion Tilt Motor | Under LH side of driver's seat | 7100-41-1 |
| M51 | Driver's Seat Movement Motor | Under RH side of driver's seat | 7100-41-1 |
| M52 | Driver's Seat Height Motor | Under front of driver's seat | 7100-39-3 |
| M53 | Driver's Seatback Recliner Motor | Under front of driver's seat | 7100-39-3 |
| M54 | Driver's Headrest Motor | In top RH corner of driver's seatback | 7100-41-3 |
| M55 | Driver's Seat Lumbar Support Motor | In lower RH corner of driver's seatback | 7100-41-3 |
| M56 | Passenger's Seat Lumbar Support Motor | In lower RH corner of passenger's seatback | |
| M57 | Passenger's Seat Headrest Motor | In top RH corner of passenger's seatback | 7100-43-1 |
| M58 | Passenger's Seatback Recliner Motor | Under front of passenger's seat | 7100-42-2 |
| M59 | Passenger's Seat Height Motor | Under front of passenger's seat | 7100-42-2 |
| M60 | Passenger's Seat Movement Motor | Under RH side of passenger's seat | 7100-42-3 |
| M61 | Passenger's Seat Cushion Tilt Motor | Under LH side of passenger's seat | 7100-42-3 |



COMPONENT LOCATION CHART

| | | | |
|----------------|---|--|-----------|
| M82 | Steering Column Adjustment Motor | LH side of steering column support | 7100-27-1 |
| M200 | Throttle Position Motor | Top of engine, on front of throttle body | 7100-14-1 |
| M201 | E-Box Fan | RH rear of engine compartment, in E-Box, below modules. | 7100-18-3 |
| M202 | Throttle Position Motor I (Cyl 1-6) | Top LH front of engine, on throttle body | 7100-06-2 |
| M203 | Throttle Position Motor II (Cyl 7-12). | Top RH front of engine, on throttle body | 7100-11-3 |
| N1 | Antitheft Module (DWA) | Below LH side of rear seat, ahead of Rear Power Distribution Box | 7100-44-2 |
| N2 | Final Stage Unit | Ahead of IHKA plenum. | 7100-36-2 |
| N4 | On-Board Computer | Center of dash, right of radio | 7100-31-2 |
| N6 | Headlight/Front Fog Light Module (SRA) (735iL). | LH side of engine compartment, front of shock tower, in Auxiliary Relay Box 1 | 7100-04-2 |
| N6 | Headlight/Front Fog Light Module (SRA) (750iL). | LH side of engine compartment, front of shock tower, in Auxiliary Relay Box 1 | 7100-04-3 |
| N8 | Antenna Amplifier. | In LH "C" pillar | 7100-47-3 |
| N13 | Infra-Red Locking Control Unit | Below LH side of rear seat, in Rear Power Distribution Box | 7100-43-2 |
| N14 | Infra-Red Receiver | Top center of dash, near top IHKA outlet | 7100-34-1 |
| N17 | Crash Control Unit | LH rear of engine compartment, in Front Power Distribution Box. | 7100-01-2 |
| N404 | Diversity | In LH "C" pillar | |
| N444 | FM Amplifier HLO | In LH "C" Pillar | |
| R1 | Temperature Distribution Potentiometer | Above radio, in center dash IHKA outlets | 7100-31-2 |
| R5 | Headrest Potentiometer | In top RH corner of driver's seatback, on M54 Driver's Headrest Motor | 7100-41-3 |
| R6 | Seat Height Potentiometer | Under driver's seat, on M52 Driver's Seat Height Motor. | 7100-39-3 |
| R7 | Seatback Potentiometer | Under driver's seat, on M53 Driver's Recliner Motor | 7100-39-3 |
| R8 | Seat Cushion Rear Height Potentiometer. | Under driver's seat, on M50 Driver's Seat Cushion Tilt Motor | 7100-41-1 |
| R9 | Seat Cushion Movement Potentiometer | Under driver's seat, on M51 Driver's Seat Movement Motor. | 7100-41-1 |
| R10 | Pedal Position Sensor | Below LH side of dash, RH side of brake pedal support. | 7100-27-2 |
| R18 | Steering Column Adjustment Potentiometer | LH side of steering column support | 7100-27-1 |



COMPONENT LOCATION CHART

| | | | |
|-----|--|--|-----------|
| S2 | Ignition Switch | Top RH side of steering column | 7100-27-3 |
| S3 | Automatic Transmission Range Switch | Below center console, at base of gear selector | 7100-32-3 |
| S7 | Combination Switch | Top of steering column | 7100-27-3 |
| S19 | Underhood Light Switch | LH front of engine compartment hood | 7100-08-1 |
| S20 | Radio Antitheft Switch (DWA) | Behind center of dash, behind radio | 7100-32-1 |
| S21 | Engine Hood Switch | RH rear of engine compartment, RH side of E-Box | 7100-16-3 |
| S22 | Battery Switch | Below RH side of rear seat, near battery | 7100-47-2 |
| S23 | Trunk Lock Switch (DWA) | Center rear of luggage compartment, center of rear panel, below latch | 7100-51-1 |
| S24 | Rear Seat Switch | Below RH side of rear seat, right of battery | 7100-47-2 |
| S27 | Inertia Switch | Below LH side of rear seat, right of Rear Power Distribution Box | 7100-44-1 |
| S29 | Brake Light Switch | Below LH side of dash, on brake pedal support | 7100-25-2 |
| S31 | Park Brake Switch | Below center console, on rear of park brake lever | 7100-33-2 |
| S32 | Clutch Switch | Below LH side of dash, top of clutch pedal support | 7100-26-2 |
| S36 | Temperature Switch | Top RH side of radiator | 7100-11-2 |
| S37 | Glove Box Light Switch | RH side of dash, above glove box | 7100-35-2 |
| S39 | Sunroof Position Switch | In center of windshield header, behind M24 Sunroof Motor | 7100-34-3 |
| S43 | Driver's Window Limit Switch | In center front of driver's door | 7100-38-1 |
| S44 | Passenger's Window Limit Switch | In center front of passenger's door | 7100-38-1 |
| S45 | Left Rear Window Limit Switch | In center front of LH rear door | 7100-39-1 |
| S46 | Right Rear Window Limit Switch | In center front of RH rear door | 7100-39-1 |
| S48 | Driver's Door Handle Switch | Behind driver's door handle | |
| S58 | Driver's Seat Belt Switch | In driver's seat belt buckle assembly | |
| S61 | Trunk Lid Switch | In center rear of trunk lid, near trunk lock | 7100-51-2 |
| S63 | Coolant Level Switch | Center rear of engine compartment, top of coolant reservoir | 7100-20-1 |
| S64 | Washer Fluid Level Switch (750iL) | RH front of engine compartment, on lower front of top washer fluid reservoir | 7100-11-3 |
| S64 | Washer Fluid Level Switch (735i/735iL) | RH front of engine compartment, RH side of washer fluid reservoir | 7100-10-3 |



COMPONENT LOCATION CHART

| | | | |
|-------|---|--|-----------|
| S65 | Power Steering Fluid Level Switch (750iL) | LH side of engine compartment, in power steering fluid reservoir | 7100-03-1 |
| S71 | Left Front Crash Sensor | Ahead of LH front shock tower, top of wheel well | 7100-04-1 |
| S72 | Right Front Crash Sensor | Ahead of RH front shock tower, top of wheel well | 7100-14-2 |
| S107 | Left Rear Seat Belt Contact | In LH rear of LH rear seat, part of seat belt buckle assembly | 7100-45-1 |
| S108 | Right Rear Seat Belt Contact | In RH rear of RH rear seat, part of seat belt buckle assembly | 7100-45-1 |
| S200 | Throttle Switch | Top rear of engine, on throttle body | 7100-15-3 |
| S301 | Transmission Kick-Down Switch | Underneath accelerator pedal | 7100-29-1 |
| S302 | Back-Up Switch | Top RH side of transmission | |
| S456 | Accessory Table Microswitch | In driver's seatback | |
| S8522 | Shift Lock Solenoid | Below center of center console, near gear selector | |
| T200 | Ignition Coil | RH rear of engine compartment, LH side of shock tower | 7100-16-1 |
| T201 | Ignition Coil I (Cyl 1-6) | LH front of engine compartment, behind air cleaner assembly | 7100-06-2 |
| T202 | Ignition Coil II (Cyl 7-12) | RH front of engine compartment, behind air cleaner assembly | 7100-11-3 |
| V4 | Driver's Running Lights Coding Diodes | In front of dash, near light switch | |
| V5 | IR/DWA LED | Center of dash | |
| X779 | Charging Plug | In LH side of glove box | 7100-35-1 |
| Y1 | ABS Hydraulic Unit (735i/735iL) | LH side of engine compartment, near shock tower | 7100-05-2 |
| Y1 | ABS Hydraulic Unit (750iL) | LH front corner of engine compartment, behind headlight | 7100-06-2 |
| Y2 | Compressor Clutch (IHKA) | Lower RH front of engine | 7100-12-1 |
| Y3 | Compressor (IHKA) | Lower RH front of engine | 7100-13-1 |
| Y4 | Water Valve Assembly | LH rear of engine compartment, on engine bulkhead | 7100-00-2 |
| Y16 | Pressure Sensor/Plunger | LH center of engine compartment, near shock tower | |
| Y201 | Fuel Injector 1 (750iL) | Top LH front of engine, on intake manifold | 7100-03-3 |
| Y201 | Fuel Injector 1 (735i/735iL) | Top front of engine, below fuel rail | |
| Y202 | Fuel Injector 2 (735i/735iL) | Top front of engine, below fuel rail | |



COMPONENT LOCATION CHART

| | | | |
|------|---------------------------------------|---|-----------|
| Y202 | Fuel Injector 2 (750iL) | Top LH front of engine, on intake manifold | 7100-03-3 |
| Y203 | Fuel Injector 3 (735i/735iL) | Top center of engine, below fuel rail | |
| Y203 | Fuel Injector 3 (750iL) | Top LH side of engine, on intake manifold | 7100-03-3 |
| Y204 | Fuel Injector 4 (750iL) | Top LH side of engine, on intake manifold | 7100-03-3 |
| Y204 | Fuel Injector 4 (735i/735iL) | Top center of engine, below fuel rail | |
| Y205 | Fuel Injector 5 (735i/735iL) | Top rear of engine, below fuel rail | |
| Y205 | Fuel Injector 5 (750iL) | Top LH rear of engine, on intake manifold | 7100-03-3 |
| Y206 | Fuel Injector 6 (750iL) | Top LH rear of engine, on intake manifold | 7100-03-3 |
| Y206 | Fuel Injector 6 (735i/735iL) | Top rear of engine, below fuel rail | |
| Y207 | Fuel Injector 7 | Top RH front of engine, on intake manifold | 7100-15-2 |
| Y208 | Fuel Injector 8 | Top RH front of engine, on intake manifold | 7100-15-2 |
| Y209 | Fuel Injector 9 | Top RH side of engine, on intake manifold | 7100-15-2 |
| Y210 | Fuel Injector 10 | Top RH side of engine, on intake manifold | 7100-15-2 |
| Y211 | Fuel Injector 11 | Top RH rear of engine, on intake manifold | 7100-15-2 |
| Y212 | Fuel Injector 12 | Top RH rear of engine, on intake manifold | 7100-15-2 |
| Y213 | Evaporative Purge Valve | LH side of engine, behind of oil filter | 7100-05-3 |
| Y214 | Idle Speed Actuator | Top rear of engine, on center of air intake assembly | 7100-15-3 |
| Y221 | Evaporative Purge Valve I (Cyl 1-6) | RH front of engine compartment, below air cleaner assembly | 7100-12-3 |
| Y222 | Evaporative Purge Valve II (Cyl 7-12) | RH front of engine compartment, below air cleaner assembly | 7100-12-3 |
| Y300 | Transmission | LH rear side of transmission | 7100-21-2 |
| Y401 | Left Front EDC Motor | On LH front shock | |
| Y402 | Right Front EDC Motor | On RH front shock | |
| Y403 | Left Rear EDC Motor | On LH rear shock | |
| Y404 | Right Rear EDC Motor | On RH rear shock | |
| X1.0 | Junction Post | Behind LH side of dash, at grommet near top of driver's footrest | 7100-25-1 |
| X1.1 | Junction Post | LH rear corner of engine compartment, in Front Power Distribution Box | 7100-01-3 |



COMPONENT LOCATION CHART

| | | | |
|----------------|--|--|-----------|
| X1.2 | Junction Post | LH rear corner of engine compartment, in Front Power Distribution Box | 7100-01-3 |
| X13 | Connector (30 pins) | Below driver's footrest, near LH kick panel. | 7100-25-1 |
| X14 | Connector (30 pins) | Below driver's footrest, near LH kick panel. | 7100-25-1 |
| X15 | Connector (30 pins) | Below left side of dash, on LH side of connector bracket . . . | 7100-25-2 |
| X16 | Connector (26 pins) | Behind top LH side of dash, on A2 Instrument Cluster (Tan) | 7100-28-3 |
| X17 | Connector (6 pins) | Behind top LH side of dash, on A2 Instrument Cluster (Brown). | 7100-28-3 |
| X18 | Connector (26 pins) | LH rear of engine compartment, on A4 Check Control Module (Blue) | |
| X19 | Connector (26 pins) | LH rear of engine compartment, on A4 Check Control Module (Green) | |
| X20 | Connector (25 pins) (750iL) | LH rear of engine compartment, near Front Power Distribution Box | 7100-02-2 |
| X20 | Connector (25 pins) (735i/735iL) | LH rear of engine compartment, near Front Power Distribution Box | 7100-02-1 |
| X21 | Connector (25 pins) (735i/735iL) | LH rear of engine compartment, near Front Power Distribution Box | 7100-02-1 |
| X21 | Connector (25 pins) (750iL) | LH rear of engine compartment, near Front Power Distribution Box | 7100-02-2 |
| X32 | Connector (12 pins) | Below LH side of dash, on RH side of connector bracket, to S7 combination switch | 7100-26-1 |
| X33 | Connector (12 pins) | Below LH side of dash, on RH side of connector bracket, to S2 ignition switch | 7100-26-1 |
| X34 | Connector (12 pins) | Below LH side of dash, on LH side of connector bracket . . . | 7100-25-2 |
| X36 | Connector (21 pins) | Below LH side of dash, on LH side of connector bracket . . . | 7100-25-2 |
| X69 | Connector (8 pins) (735i/735iL) | Behind RH front shock tower, in E-Box. | 7100-17-3 |
| X69 | Connector (8 pins) (750iL) | Behind RH front shock tower, in E-Box. | 7100-18-2 |
| X72 | Connector (8 pins) (With EML) | Below LH side of dash, on RH side of connector bracket, to S11 Cruise Control Switch (EML) | 7100-26-1 |



COMPONENT LOCATION CHART

| | | | |
|----------------|-----------------------------------|---|-----------|
| X72 | Connector (8 pins) (Without EML). | Below LH side of dash, on RH side of connector bracket, to S28 Cruise Control Switch (Tempomat) | 7100-26-1 |
| X73 | Connector (8 pins) | Below LH side of dash, RH side of steering column, to R10 Pedal Position Sensor | 7100-27-2 |
| X74 | Connector (8 pins) | Below LH side of dash, above dash panel grommet, to A12 Diagnostic Module (SRS) | 7100-26-3 |
| X75 | Connector (6 pins) | Below LH side of dash, above dash panel grommet, to A12 Diagnostic Module (SRS) | 7100-26-3 |
| X77 | Connector (5 pins) | Inside top of LH kick panel, on A26 Lock-Sensor Control Unit (Green) | 7100-24-2 |
| X81 | Connector (3 pins) | Ahead of LH front shock tower, to S71 Left Front Crash Sensor | 7100-04-1 |
| X82 | Connector (3 pins) | Lower center front of car, on lower LH side of M9 Auxiliary Fan Motor. | 7100-08-3 |
| X83 | Connector (3 pins) | Inside top of LH kick panel, on A17 Servotronic Control Unit (Yellow) | 7100-24-1 |
| X84 | Connector (3 pins) | Inside top of LH kick panel, on A17 Servotronic Control Unit (Yellow) | 7100-24-1 |
| X86 | Connector (2 pins) | Ahead of RH front shock tower, to S72 Right Front Crash Sensor | 7100-14-2 |
| X95 | Connector (3 pins) (750iL) | RH front of engine compartment, to Y3 Compressor (IHKA). | 7100-11-1 |
| X95 | Connector (3 pins) (735i/735iL). | RH front of engine compartment, to Y2 Compressor Clutch (IHKA) | 7100-12-1 |
| X96 | Connector (3 pins) | Top LH rear of engine compartment, on side of X910 B+ Junction Post | 7100-02-3 |
| X105 | Connector (2 pins) | LH rear of engine compartment hood, to E51 Left Washer Jet Heater | 7100-10-1 |
| X106 | Connector (2 pins) | RH rear of engine compartment hood, to E52 Right Washer Jet Heater | 7100-10-1 |



COMPONENT LOCATION CHART

| | | | |
|------|---------------------|--|-----------|
| X113 | Connector (2 pins) | RH side of engine compartment, near base of shock tower, to B1 Right Front Speed Sensor | 7100-12-2 |
| X114 | Connector (2 pins) | LH side of engine compartment, near base of shock tower, to B2 Left Front Speed Sensor | 7100-05-2 |
| X118 | Connector (2 pins) | Behind LH front wheel, above brake caliper, to B16 Left Front Brake Pad Sensor | 7100-21-3 |
| X119 | Connector (2 pins) | LH side of engine compartment, to S65 Power Steering Fluid Level Switch | 7100-03-1 |
| X122 | Connector (2 pins) | LH rear of engine compartment, on engine bulkhead, to M37 Water Pump | 7100-00-2 |
| X126 | Connector (2 pins) | RH front of engine compartment, to B9508 Pressure Switch | 7100-10-2 |
| X142 | Connector (2 pins) | Below LH side of rear seat, behind Rear Power Distribution Box, to B4 Left Rear Speed Sensor | 7100-43-3 |
| X143 | Connector (2 pins) | Below RH side of rear seat, behind Battery, to B3 Right Rear Speed Sensor | 7100-46-2 |
| X162 | Connector (1 pin) | Lower part of windshield, on E55 Front Defogger | |
| X165 | Ground | Below LH side of dash, left of steering column | 7100-25-3 |
| X166 | Ground (735i/735iL) | LH front of engine compartment, ahead of wheel well | 7100-07-2 |
| X166 | Ground (750iL) | LH front of engine compartment, ahead of wheel well | 7100-07-3 |
| X167 | Ground (735i/735iL) | LH front of engine compartment, ahead of wheel well | 7100-07-2 |
| X167 | Ground (750iL) | LH front of engine compartment, ahead of wheel well | 7100-07-3 |
| X168 | Connector (1 pin) | Top of steering column, to S4 Horn Switch | 7100-27-3 |
| X172 | Ground | LH front of engine compartment, ahead of wheel well | 7100-07-2 |
| X173 | Ground | RH front of engine compartment, ahead of wheel well | 7100-10-2 |
| X251 | Connector (30 pins) | Below LH side of dash, mounted on top center of connector bracket | 7100-25-2 |
| X252 | Connector (26 pins) | Below LH side of rear seat, on N1 Antitheft Module (DWA) (Black) | |
| X253 | Connector (26 pins) | Below LH side of rear seat, on A1 General Module (Green) | |
| X254 | Connector (26 pins) | Below LH side of rear seat, on A1 General Module (White) | |



COMPONENT LOCATION CHART

| | | | |
|------|---------------------|---|-----------|
| X255 | Connector (26 pins) | Below LH side of rear seat, on A1 General Module (Yellow) | |
| X256 | Connector (26 pins) | In front of passenger's door jamb, inside grommet | 7100-37-3 |
| X257 | Connector (26 pins) | In front of driver's door jamb, inside grommet | 7100-37-3 |
| X258 | Connector (20 pins) | Below LH side of rear seat, on A5 Relay Module (Black) | |
| X259 | Connector (20 pins) | Below LH side of rear seat, on A5 Relay Module (White) | |
| X260 | Connector (21 pins) | Below RH side of rear seat, near Battery | 7100-46-2 |
| X263 | Connector (26 pins) | RH side of luggage compartment, on A413 Electronic Damper Control Unit | |
| X269 | Accessory Connector | Below LH side of rear seat, near Rear Power Distribution Box | |
| X271 | Connector (12 pins) | Behind top LH side of dash, on A2 Instrument Cluster (Gray) | 7100-28-3 |
| X272 | Connector (12 pins) | Below LH side of rear seat, on Rear Power Distribution Box | 7100-43-3 |
| X273 | Connector (12 pins) | In front of LH rear door jamb, inside grommet | 7100-38-3 |
| X274 | Connector (12 pins) | In front of RH rear door jamb, inside grommet | 7100-38-3 |
| X275 | Connector (12 pins) | Below driver's seat, under carpet | 7100-39-2 |
| X277 | Connector (10 pins) | In front of LH rear door jamb, inside grommet | 7100-38-3 |
| X278 | Connector (10 pins) | In front of RH rear door jamb, inside grommet | 7100-38-3 |
| X279 | Connector (12 pins) | Under passenger's seat | 7100-42-3 |
| X295 | Connector (8 pins) | Below LH side of dash, on RH side of connector bracket, to S5 Wiper/Washer Switch | 7100-26-1 |
| X298 | Connector (8 pins) | Behind LH luggage compartment trim panel, below lid hinge | 7100-49-2 |
| X299 | Connector (6 pins) | Below LH side of rear seat, near Rear Power Distribution Box | 7100-44-1 |
| X316 | Connector (6 pins) | Below center console, on S40 Front Console Window Switch Assembly (White) | 7100-33-2 |
| X317 | Connector (6 pins) | Below center console, on S40 Front Console Window Switch Assembly (Black) | 7100-33-2 |



COMPONENT LOCATION CHART

| | | | |
|------|--------------------|--|-----------|
| X318 | Connector (6 pins) | RH rear of luggage compartment, to E17 Right Rear Light Assembly | 7100-49-3 |
| X319 | Connector (6 pins) | LH rear of luggage compartment, to E16 Left Rear Light Assembly | 7100-49-3 |
| X322 | Connector (8 pins) | Below LH side of rear seat, on Rear Power Distribution Box. | 7100-43-3 |
| X331 | Connector (5 pins) | Below LH side of rear seat, on N1 Antitheft Module (DWA) (Black) | |
| X332 | Connector (5 pins) | Below LH side of rear seat, on A1 General Module (Black) | |
| X335 | Connector (4 pins) | Below LH side of rear seat, on N1 Antitheft Module (DWA) | |
| X336 | Connector (4 pins) | In center of windshield header, to E34 Dome Light/Map Reading Assembly | 7100-34-3 |
| X337 | Connector (8 pins) | Below LH side of rear seat, near Rear Power Distribution Box. | 7100-44-1 |
| X379 | Connector (1 pin) | In LH "C" pillar, on N8 Antenna Amplifier | 7100-47-3 |
| X391 | Connector (2 pins) | Below rear of center console | |
| X393 | Connector (8 pins) | In LH rear corner of luggage compartment. | 7100-49-3 |
| X400 | Connector (8 pins) | RH front of luggage compartment, near grommet | 7100-50-1 |
| X403 | Connector (2 pins) | Inside LH kick panel, left of H58 Left Front Low Range Speaker | 7100-24-1 |
| X405 | Connector (3 pins) | On LH front shock, to Y401 Left Front EDC Motor | |
| X406 | Connector (3 pins) | On RH front shock, to Y402 Right Front EDC Motor | |
| X407 | Connector (3 pins) | On LH rear shock, to Y403 Left Rear EDC Motor | |
| X408 | Connector (3 pins) | On RH front shock, to Y404 Right Rear EDC Motor | |
| X421 | Connector (1 pin) | Lower part of windshield, on E55 Front Defogger | |
| X424 | Connector (1 pin) | In LH "C" pillar, on N8 Antenna Amplifier | 7100-47-3 |
| X490 | Ground | Below LH side of dash, left of steering column. | 7100-25-3 |
| X491 | Ground | Below LH side of dash, left of steering column. | 7100-25-3 |
| X492 | Ground | Below LH side of rear seat, right of Rear Power Distribution Box. | 7100-44-1 |



COMPONENT LOCATION CHART

| | | | |
|------|---------------------|---|-----------|
| X493 | Ground | Below LH side of rear seat, right of Rear Power Distribution Box | 7100-44-1 |
| X494 | Ground | Below RH side of rear seat, right of Battery | 7100-46-3 |
| X497 | Ground (Battery) | Ahead of RH side of rear seat, under carpet | 7100-46-1 |
| X498 | Ground | Below RH side of rear seat, right of Battery | 7100-46-3 |
| X502 | Connector (26 pins) | Behind top LH side of dash, on A2 Instrument Cluster (White) | 7100-28-3 |
| X506 | Connector (12 pins) | Below center console, front of gear selector | 7100-32-3 |
| X512 | Connector (8 pins) | Above glove box | 7100-37-1 |
| X518 | Connector (4 pins) | Below LH side of dash, on H10 Chime Module (Black) | 7100-24-3 |
| X519 | Connector (4 pins) | Below RH side of dash, on connector bracket | 7100-36-3 |
| X520 | Connector (3 pins) | Below LH side of center console, near gear selector | 7100-32-3 |
| X522 | Connector (3 pins) | Below LH side of dash, on H10 Chime Module (White) | 7100-24-3 |
| X526 | Connector (8 pins) | Below LH side of dash, left of steering column | |
| X546 | Connector (2 pins) | Below center of center console, LH side of manual gear selector | 7100-33-1 |
| X547 | Connector (2 pins) | Behind center of dash, right of N9 Radio, taped to harness | |
| X554 | Connector (1 pin) | Below front of center console | 7100-32-3 |
| X601 | Connector (26 pins) | Under driver's seat, on A21z Seat/Mirror/Steering Column Memory Control Module (Yellow) | 7100-41-2 |
| X602 | Connector (26 pins) | Under driver's seat, on A21z Seat/Mirror/Steering Column Memory Control Module (White) | 7100-40-3 |
| X605 | Connector (12 pins) | LH side of luggage compartment, on A18 HIFI Amplifier (Black) | 7100-49-2 |
| X606 | Connector (12 pins) | LH side of luggage compartment, on A18 HIFI Amplifier (White) | 7100-49-2 |
| X610 | Connector (26 pins) | Ahead of IHKA plenum, on A11 Automatic Heating and Air Conditioning Control Unit (IHKA) (White) | 7100-30-3 |
| X611 | Connector (26 pins) | Ahead of IHKA plenum, on A11 Automatic Heating and Air Conditioning Control Unit (IHKA) (Green) | 7100-30-3 |



COMPONENT LOCATION CHART

| | | | |
|------|---|--|-----------|
| X612 | Connector (26 Pins) | Behind center of dash, on S26 Automatic Heating and Air Conditioning Switch (IHKA) (Blue) | 7100-33-3 |
| X613 | Connector (26 pins) | Ahead of IHKA plenum, on A11 Automatic Heating and Air Conditioning Control Unit (IHKA) (Blue) | 7100-36-2 |
| X614 | Connector (26 pins) | Ahead of IHKA plenum, on A11 Automatic Heating and Air Conditioning Control Unit (IHKA) (Yellow) | 7100-36-2 |
| X621 | Connector (10 pins) | In front of passenger's door jamb, inside grommet | 7100-37-3 |
| X622 | Connector (10 pins) | In front of driver's door jamb, inside grommet | 7100-37-3 |
| X623 | Connector (10 pins) | In front of driver's door, to Y9 Driver's Side Memory Mirror | |
| X624 | Connector (10 pins) | In front of passenger's door, to Y10 Passenger's Side Memory Mirror | |
| X626 | Connector (8 pins) (Without Memory Steering Column) | Under driver's seat | 7100-41-2 |
| X626 | Connector (12 pins) (With Memory Steering Column) | Under driver's seat | 7100-41-2 |
| X627 | Connector (8 pins) | In center of windshield header, to S39 Sunroof Position Switch and M24 Sunroof Motor | 7100-34-3 |
| X634 | Connector (6 pins) | Underside of RH rear seat | 7100-44-3 |
| X635 | Connector (6 pins) | Underside of LH rear seat | 7100-44-3 |
| X638 | Connector (6 pins) | Below luggage compartment, right of spare tire | 7100-50-2 |
| X648 | Connector (6 pins) | Under driver's seat, on A21z Seat/Mirror/Steering Column Memory Control Module (Black) | 7100-41-2 |
| X649 | Connector (6 pins) | Under driver's seat, on A21z Seat/Mirror/Steering Column Memory Control Module (White) | 7100-41-2 |
| X653 | Connector (6 pins) | Under driver's seat, on A21z Seat/Mirror/Steering Column Memory Control Module (Black) | 7100-40-3 |
| X654 | Connector (6 pins) | Under driver's seat, on A21z on Seat/Mirror/Steering Column Memory Control Module (White) | 7100-40-3 |
| X655 | Connector (6 pins) | Under driver's seat, on A21z Seat/Mirror/Steering Column Memory Control Module (Blue) | 7100-40-3 |
| X656 | Connector (6 pins) | Under driver's seat, on A21z Seat/Mirror/Steering Column Memory Control Module (Green) | 7100-40-3 |



COMPONENT LOCATION CHART

| | | | |
|------|--------------------|--|-----------|
| X657 | Connector (6 pins) | Under driver's seat, on A21z Seat/Mirror/Steering Column Memory Control Module (Brown) | 7100-40-3 |
| X659 | Connector (6 pins) | Under passenger's seat, on S55 Passenger's Seat Lumbar Support Motor | 7100-42-2 |
| X672 | Connector | In luggage compartment | |
| X673 | Connector (4 pins) | Center of rear seat, mounted on bottom of center rear armrest assembly | 7100-45-3 |
| X674 | Connector (4 pins) | Center of rear seat, mounted on bottom of center rear armrest assembly | 7100-45-3 |
| X680 | Connector (3 pins) | Under front of driver's seat | 7100-40-1 |
| X681 | Connector (3 pins) | Above glove box | 7100-37-1 |
| X682 | Connector (3 pins) | Behind center of dash, on S26 Automatic Heating And Air Conditioning Switch (IHKA) (White) | 7100-33-3 |
| X684 | Connector (3 pins) | In top rear of passenger's door, to S49 Passenger's Door Lock Switch (Black) | 7100-38-2 |
| X685 | Connector (3 pins) | In top rear of driver's door, to S49 Driver's Door Lock Switch (Black) | 7100-38-2 |
| X692 | Connector (3 pins) | Behind center of dash, to R1 Temperature Distribution Potentiometer | 7100-31-3 |
| X693 | Connector (3 pins) | Behind center of dash, on S26 Automatic Heating and Air Conditioning Switch (IHKA) (Black) | 7100-33-3 |
| X705 | Connector (2 pins) | Below RH rear of car, near RH rear suspension frame attachment point | 7100-23-1 |
| X713 | Connector (2 pins) | Behind RH rear wheel, above brake caliper, to B17 Right Rear Brake Pad Sensor | 7100-22-3 |
| X715 | Connector (2 pins) | In center of LH rear door, to S45 Left Rear Window Limit Switch | 7100-39-1 |
| X716 | Connector (2 pins) | In center LH rear door | 7100-39-1 |
| X717 | Connector (2 pins) | In center of LH rear door | 7100-39-1 |



COMPONENT LOCATION CHART

| | | | |
|------|--------------------|---|-----------|
| X721 | Connector (2 pins) | In center of RH rear door, to S46 Right Rear Window Limit Switch | 7100-39-1 |
| X722 | Connector (2 pins) | In center of RH rear door | 7100-39-1 |
| X723 | Connector (2 pins) | In center of RH rear door | 7100-39-1 |
| X726 | Connector (2 pins) | Under RH side of driver's seat, to M51 Driver's Seat Movement Motor | 7100-40-2 |
| X727 | Connector (2 pins) | Under LH side of driver's seat, to M50 Driver's Seat Cushion Tilt Motor | 7100-40-2 |
| X728 | Connector (2 pins) | Under front of driver's seat, to M52 Driver's Seat Height Motor | 7100-39-3 |
| X729 | Connector (2 pins) | Under front of driver's seat, to M53 Driver's Seatback Recliner Motor | 7100-39-3 |
| X730 | Connector (2 pins) | In center of driver's seatback, to M55 Driver's Seat Lumbar Support Motor | 7100-41-3 |
| X731 | Connector (2 pins) | In center of driver's seatback, to M54 Driver's Headrest Motor | 7100-41-3 |
| X732 | Connector (2 pins) | In center of driver's seatback, to E56 Driver's Seatback Heater | 7100-42-1 |
| X733 | Connector (2 pins) | Under driver's seat, to E57 Driver's Seat Heater | 7100-40-1 |
| X734 | Connector (2 pins) | Under RH side of passenger's seat, to M60 Passenger's Seat Movement Motor | 7100-42-3 |
| X735 | Connector (2 pins) | Under LH side of passenger's seat, to M61 Driver's Seat Cushion Tilt Motor | 7100-42-2 |
| X736 | Connector (2 pins) | Under front of passenger's seat, to M58 Passenger's Seatback Recliner Motor | 7100-42-2 |
| X737 | Connector (2 pins) | Under front of passenger's seat, to M59 Passenger's Seat Height Motor | 7100-42-2 |
| X738 | Connector (2 pins) | In center of passenger's seatback, to M57 Passenger's Seat Headrest Motor | 7100-43-1 |
| X740 | Connector (2 pins) | Under passenger's seat, to E58 Passenger's Seat Heater | 7100-42-3 |



COMPONENT LOCATION CHART

| | | | |
|------|--------------------|--|-----------|
| X741 | Connector (2 pins) | In center of driver's seatback, to E59 Passenger's Seatback Heater | 7100-43-1 |
| X742 | Connector (2 pins) | In top rear of passenger's door, to S49 Passenger's Door Lock Switch (Yellow). | 7100-38-2 |
| X743 | Connector (2 pins) | In center of passenger's door to S44 Passenger's Window Limit Switch | 7100-38-1 |
| X747 | Connector (2 pins) | In top rear of driver's door, to S47 Driver's Door Lock Switch (Yellow) | 7100-38-2 |
| X750 | Connector (2 pins) | In center of driver's door, to S43 Driver's Window Limit Switch | 7100-38-1 |
| X751 | Connector (2 pins) | In top rear of driver's door, to E48 Door Lock Heater (White) | 7100-38-2 |
| X752 | Connector (2 pins) | In top rear of driver's door, to S48 Driver's Door Handle Switch (White) | 7100-38-2 |
| X771 | Connector (2 pins) | On lower LH side of IHKA plenum, to B14 Evaporator Temperature Sensor. | 7100-30-3 |
| X778 | Connector (2 pins) | Under driver's seat, to S58 Driver's Seat Belt Switch | 7100-40-2 |
| X783 | Connector (2 pins) | Top of steering column, to C100 Contact Ring | 7100-27-3 |
| X784 | Connector (2 pins) | Below LH side of dash, on RH side of connector bracket | 7100-26-1 |
| X790 | Connector (2 pins) | Underside of LH rear seat, to E66 Left Rear Seat Heater | 7100-45-1 |
| X791 | Connector (2 pins) | Underside of RH rear seat, to E67 Right Rear Seat Heater | 7100-45-1 |
| X792 | Connector (2 pins) | In RH rear of LH rear seatback, to E65 Left Rear Seatback Heater | 7100-45-2 |
| X793 | Connector (2 pins) | In LH rear of RH rear seatback, to E68 Right Rear Seatback Heater | 7100-45-2 |
| X794 | Connector (2 pins) | In LH rear of LH rear seat, to S107 Left Rear Seat Belt Contact. | 7100-45-1 |
| X795 | Connector (2 pins) | Underside of LH rear seat, to M26 Left Rear Seat Movement Motor | 7100-44-3 |
| X796 | Connector (2 pins) | In RH rear of RH rear seat, to S108 Right Rear Seat Belt Contact. | 7100-45-1 |



COMPONENT LOCATION CHART

| | | | |
|-------|---|--|-----------|
| X797 | Connector (2 pins) | Underside of RH rear seat, to M29 Right Rear Seat Movement Motor | 7100-44-3 |
| X798 | Connector (2 pins) | In center of RH rear seatback, to M28 Right Rear Headrest Motor | 7100-45-2 |
| X799 | Connector (2 pins) | In center of LH rear seatback, to M27 Left Rear Headrest Motor | 7100-45-2 |
| X814 | Ground | Below RH side of rear seat, right of battery | 7100-47-1 |
| X818 | Ground | Below LH side of dash, left of steering column | 7100-25-3 |
| X910 | B+ Junction Post (750iL) | Top LH rear of engine compartment | 7100-02-2 |
| X910 | B+ Junction Post (735i/735iL) | Top LH rear of engine compartment | 7100-02-1 |
| X915 | Connector (12 pins) | Below rear seat | |
| X922 | Ground | Below RH side of rear seat, right of battery | 7100-47-1 |
| X945 | Connector (10 pins) | RH side of luggage compartment, on A413 Electronic Damper Control Unit | |
| X960 | B+ Junction Post (750iL) | Below LH side of dash, under carpet, below steering column | 7100-29-3 |
| X960 | B+ Junction Post (735i/735iL) | Below LH side of dash, above accelerator pedal, under carpet | 7100-29-2 |
| X961 | B+ Junction Post (Passenger Compartment Side) | Below RH side of dash, under carpet | 7100-35-3 |
| X961 | B+ Junction Post (Engine Compartment Side) | RH rear of engine compartment, on front of dash panel | 7100-19-1 |
| X1010 | Connector (2 pins) | RH front of engine compartment, to B9508 Pressure Switch | 7100-10-2 |
| X1426 | Connector (1 pin) | Behind LH side of dash, on H10 Chime Module | 7100-25-3 |
| X1881 | Connector (2 pins) | In center of driver's seatback | 7100-42-1 |
| X1882 | Connector (2 pins) | In center of passenger's seatback | 7100-43-1 |
| X3212 | Connector (4 pins) | Behind LH side of dash, taped to harness | 7100-25-3 |
| X6001 | Connector (8 pins) (750iL) | Front of RH front shock tower, in Auxiliary Relay Box 2 | 7100-15-1 |
| X6001 | Connector (8 pins) (735i/735iL) | Behind RH front shock tower, in E-Box | 7100-17-3 |
| X6002 | Diagnostic Connector (20 pins) (735i/735iL) | LH rear of engine compartment, right of shock tower | 7100-02-1 |
| X6002 | Diagnostic Connector (20 pins) (750iL) | LH rear of engine compartment, right of shock tower | 7100-02-2 |
| X6003 | Connector (12 pins) | Below RH side of dash, on connector bracket | 7100-36-3 |



COMPONENT LOCATION CHART

| | | | |
|-------|---------------------------------|---|-----------|
| X6097 | Ground | Lower LH side of engine, near B205 Oil Level Sensor | 7100-09-3 |
| X6200 | Connector (4 pins) | Lower LH rear of engine, to B203 Oxygen Sensor | 7100-03-2 |
| X6201 | Connector (3 pins) | Top RH front of engine, to B201 Cylinder Identification Sensor | 7100-14-1 |
| X6202 | Connector (3 pins) | Top RH front of engine, to B202 Engine Speed/Reference Point Sensor I | 7100-14-1 |
| X6210 | Connector (4 pins) | Under center of car, RH side of transmission, to B301 Oxygen Sensor I | 7100-20-3 |
| X6211 | Connector (3 pins) | Top center front of engine, below oil fill cap, to B220 Cylinder Identification Sensor I | 7100-13-2 |
| X6212 | Connector (3 pins) | Top center front of engine, below oil fill cap, to B222 Engine Speed Sensor I | 7100-13-2 |
| X6220 | Connector (4 pins) | Under center of car, RH side of transmission, to B302 Oxygen Sensor II | 7100-20-3 |
| X6221 | Connector (3 pins) | Top center front of engine, below oil fill cap, to B221 Cylinder Identification Sensor II | 7100-13-2 |
| X6222 | Connector (3 pins) | Top center front of engine, below oil fill cap, to B223 Engine Speed Sensor II | 7100-13-2 |
| X6230 | Connector (3 pins) (735i/735iL) | Lower LH front of engine, right of oil filter, to B205 Oil Level Sensor | 7100-05-3 |
| X6230 | Connector (3 pins) (750iL) | Lower LH front of engine, to B205 Oil Level Sensor | 7100-09-3 |
| X6400 | B+ Junction Post (750iL) | Front of RH front shock tower, in Auxiliary Relay Box 2 | 7100-15-1 |
| X6400 | B+ Junction Post (735i/735iL) | Behind RH front shock tower, in E-Box | 7100-17-3 |
| X6450 | Ground (Electronic) | RH rear of engine compartment, on top LH front of E-Box | 7100-16-1 |
| X6451 | Ground (Final Stage) | RH rear of engine compartment, on top LH front of E-Box | 7100-16-1 |
| X6452 | Ground | RH rear of engine compartment, on top LH front of E-Box | 7100-16-2 |
| X6453 | Ground | RH rear of engine compartment, on top LH front of E-Box | 7100-16-2 |
| X6506 | Connector (4 pins) (750iL) | Behind RH front of shock tower, in E-Box, to M201 E-Box Fan | 7100-18-2 |
| X6506 | Connector (4 pins) (735i/735iL) | Behind RH front shock tower, in E-Box, to M201 E-Box Fan | 7100-17-3 |



COMPONENT LOCATION CHART

| | | | |
|--------|---------------------------|---|-----------|
| X6508 | Connector (3 pins) | Lower LH rear of engine | 7100-03-2 |
| X8074 | Connector (14 pins) | LH front of luggage compartment, to A9019 CD changer | 7100-49-1 |
| X8075 | Connector (13 pins) | Behind center of dash, on N9 Radio | 7100-31-2 |
| X8505 | Connector (8 pins) | On LH side of transmission, to Y300 Transmission | 7100-21-2 |
| X8508 | Ground | Below RH side of rear seat, right of battery | 7100-47-1 |
| X8575 | Connector (2 pins) | Front of RH front shock tower, in Auxiliary Relay Box 2 | 7100-15-1 |
| X9503 | Connector (12 pins) (CDN) | Below LH side of dash | |
| X9504 | Connector (12 pins) (CDN) | Below LH side of dash | |
| X9944 | Connector (1 pin) | RH front of luggage compartment, near cellular telephone fuses | 7100-50-1 |
| X9966 | Connector (4 pins) | Inside top of LH kick panel, on A26 Lock Sensor Control Unit (Black) | 7100-24-2 |
| X9997 | Connector (2 pins) | Inside steering wheel, on G5 Driver's Air Bag Generator | 7100-28-2 |
| X13025 | Connector (12 pins) | Below LH side of dash | |
| X13054 | Connector (4 pins) | Below LH side of dash, above dash panel grommet | 7100-26-3 |
| X18024 | Connector (6 pins) | LH center of engine compartment, near shock tower, on Y16 Pressure Sensor/Plunger | |
| X18025 | Connector (4 pins) | LH center of engine compartment, near shock tower, on Y16 Pressure Sensor/Plunger | |
| X18029 | Connector (4 pins) | On steering column, to B40 Steering Angle Sensor | |
| X18093 | Connector (3 pins) | Top RH side of steering column, to S119 Steering Column Adjustment Switch | 7100-28-1 |
| X18097 | Connector (2 pins) | LH side of steering column support, to M82 Steering Column Adjustment Motor | 7100-27-1 |
| X18098 | Connector (6 pins) | Under driver's seat, on A21z Seat/Mirror/Steering/Column Memory Control Module (Yellow) | 7100-40-3 |
| X18126 | Connector (17 pins) | Behind center of dash, on N9 Radio | 7100-31-2 |
| X18170 | Ground | Below LH side of rear seat, near Rear Power Distribution Box | |
| X18203 | Connector (4 pins) | Below RH side of rear seat | |



COMPONENT LOCATION CHART

| | | | |
|--------|------------------------------|--|-----------|
| X18204 | .. Connector (4 pins) | RH side of luggage compartment | |
| X18246 | .. Connector (3 pins) | Center of windshield header, to A227 Electrochromic Mirror | 7100-34-2 |
| X18260 | .. Connector (12 pins) | Below LH side of dash, above dash panel grommet..... | 7100-26-3 |
| X18729 | .. Connector (3 pins) | LH front of luggage compartment, to A9019 CD changer... | 7100-49-1 |

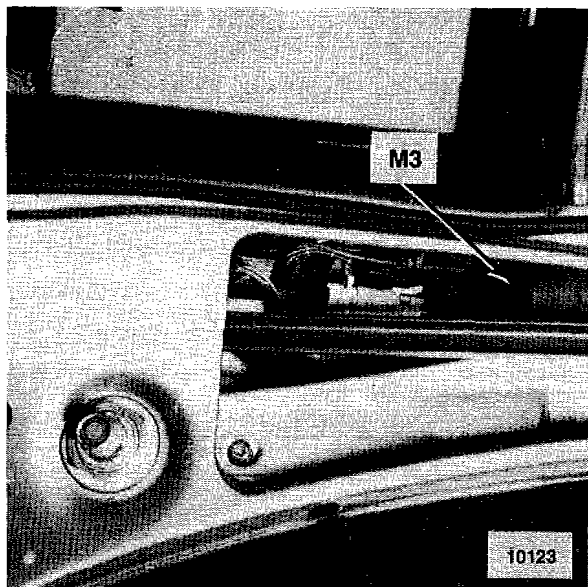


Figure 1- Behind LH Side Of Fresh Air Cowl

M3 Wiper Motor

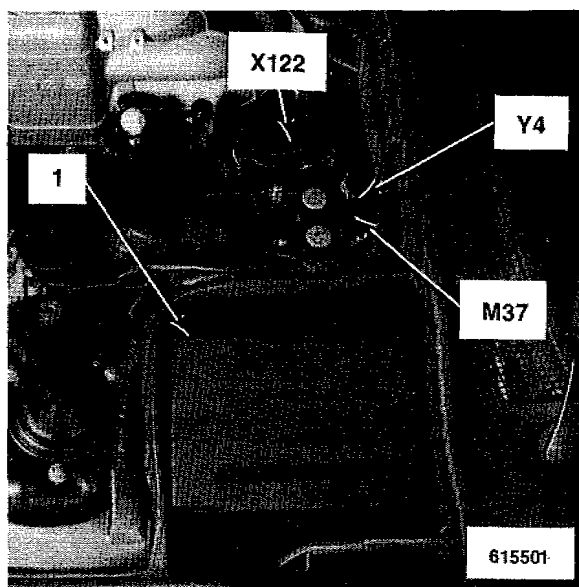


Figure 2- LH Rear Of Engine Compartment (735i Shown; 735iL/750iL Similar)

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

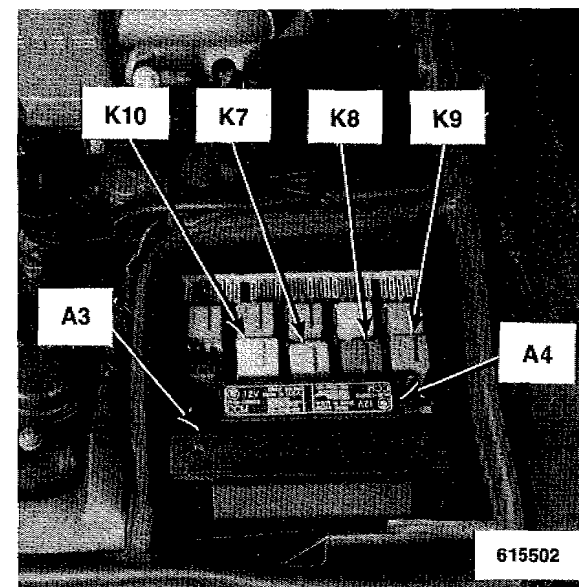


Figure 3- LH Rear Of Engine Compartment

- A3 Lamp Control Module**
- A4 Check Control Module**
- K7 Parking Light Monitor Relay**
- K8 Front Defogger/Water Pump Relay**
- K9 Unloader Relay, KL15**
- K10 ABS Overvoltage Protection Relay**

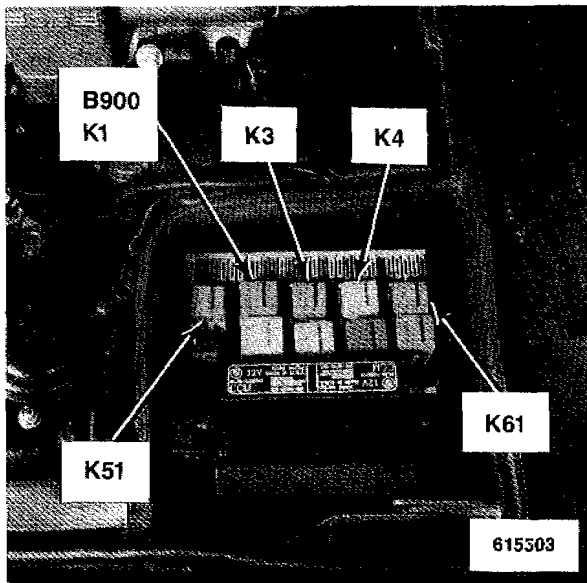


Figure 1- LH Rear Of Engine Compartment

- B900 Jumper Plug**
- K1 Starter Relay**
- K3 Unloader Relay, KLR**
- K4 Blower Relay**
- K51 Phone Alert Relay**
- K61 Unloader Relay, KL61**

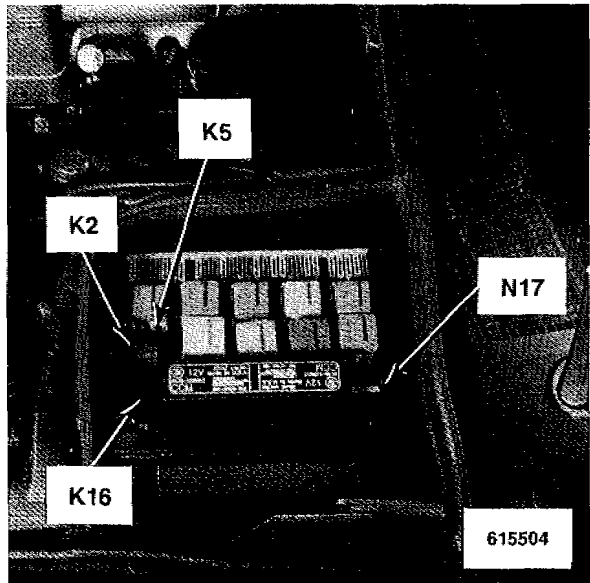


Figure 2- LH Rear Of Engine Compartment

- K2 Horn Relay**
- K5 Washer Pump Relay**
- K16 Hazard Flasher Relay**
- N17 Crash Control Unit**



Figure 3- LH Rear Of Engine Compartment (Front Power Distribution Box Removed)

- X1.1 Junction Post**
- X1.2 Junction Post**

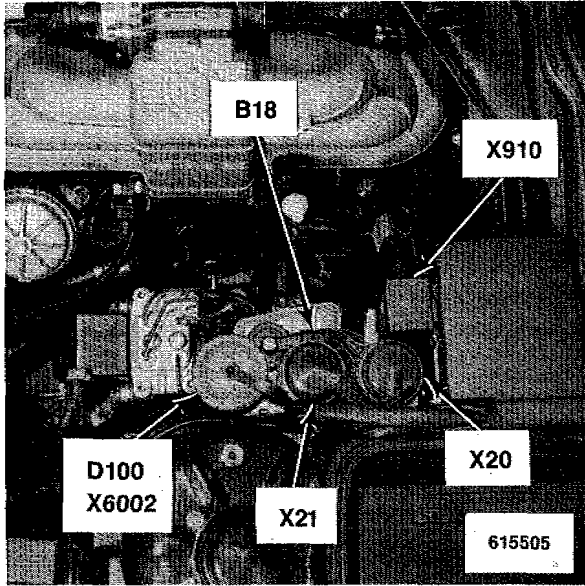


Figure 1- LH Rear Of Engine Compartment (735i/735iL)

- B18** Brake Fluid Level Switch
- D100** Diagnostic Connector
- X20** Connector (25 pins) SW
- X21** Connector (25 pins) SW
- X910** B+ Junction Post
- X6002** Diagnostic Connector (20 pins) SW

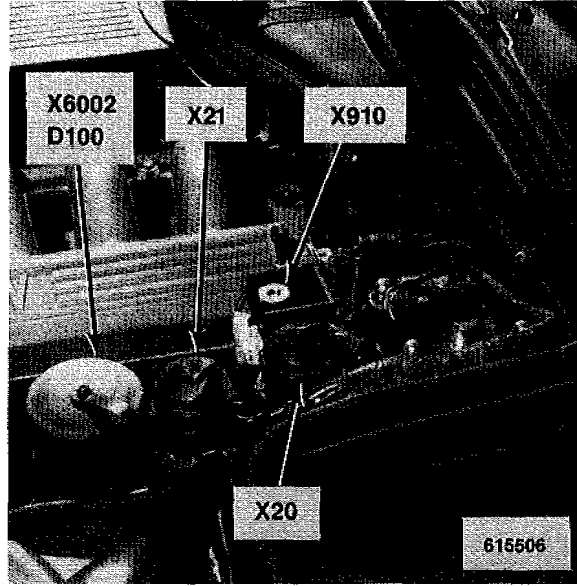


Figure 2- LH Rear Of Engine Compartment (750iL)

- D100** Diagnostic Connector
- X20** Connector (25 pins) SW
- X21** Connector (25 pins) SW
- X910** B+ Junction Post
- X6002** Diagnostic Connector (20 pins) SW

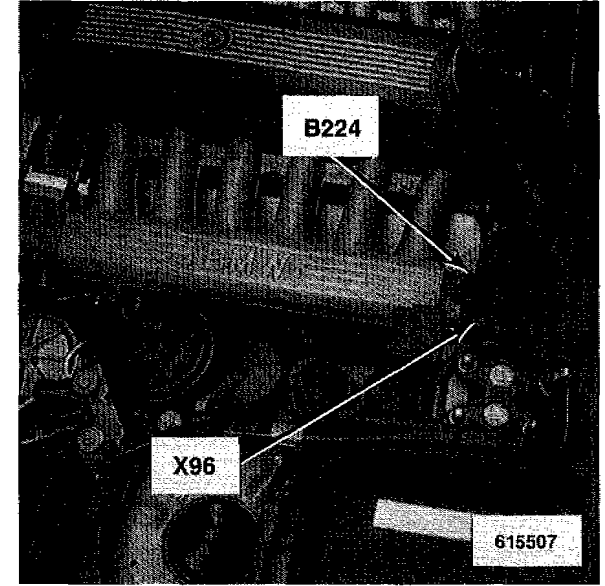


Figure 3- LH Rear Of Engine Compartment

- B224** Engine Intake Air Temperature Sensor I (Cyl 1-6)
- X96** Connector (3 pins) SW

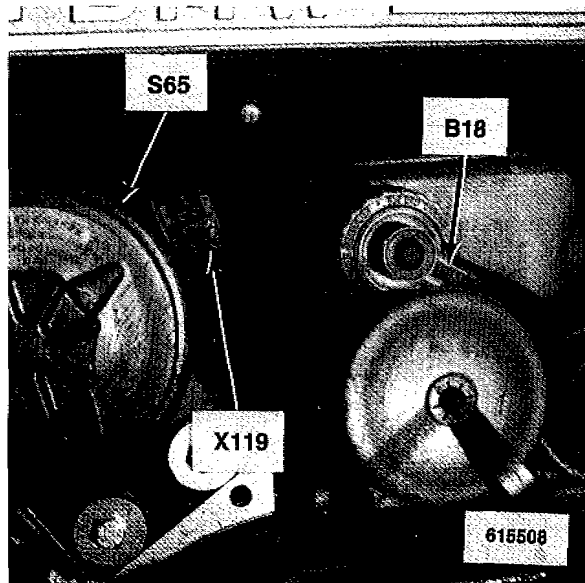


Figure 1- LH Side Of Engine Compartment, Near Shock Tower (750iL)

- B18 Brake Fluid Level Switch**
- S65 Power Steering Fluid Level Switch (Inside Reservoir)**
- X119 Connector (2 pins) SW**

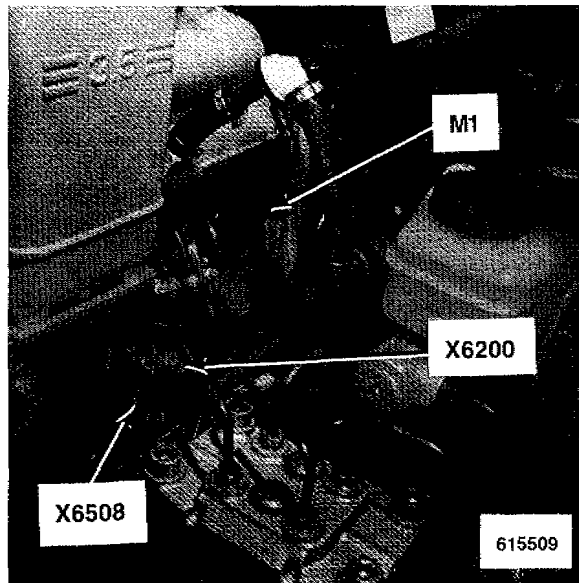


Figure 2- LH Rear Of Engine (735i/735iL)

- M1 Starter**
- X6200 Connector (4 pins) SW**
- X6508 Connector (3 pins) SW**

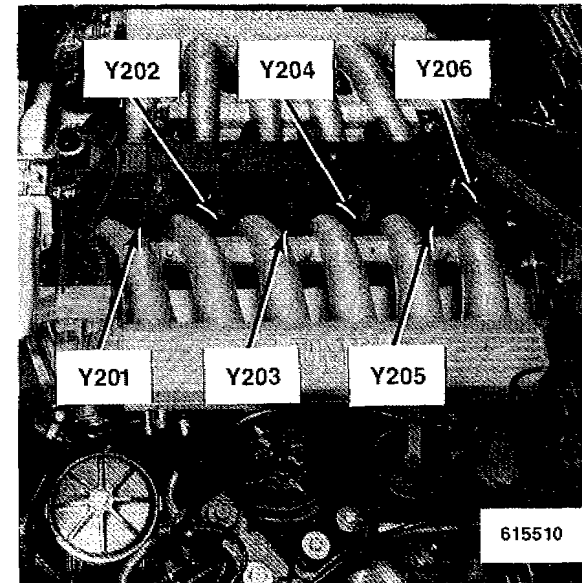


Figure 3- Top LH Side Of Engine (750iL)

- Y201 Fuel Injector 1**
- Y202 Fuel Injector 2**
- Y203 Fuel Injector 3**
- Y204 Fuel Injector 4**
- Y205 Fuel Injector 5**
- Y206 Fuel Injector 6**

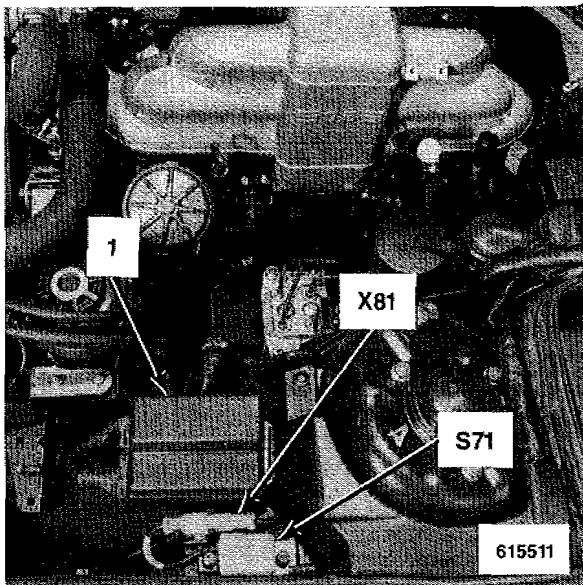


Figure 1- LH Side Of Engine Compartment (735i Shown; 735iL/750iL Similar)

- 1** Auxiliary Relay Box 1
- S71** Left Front Crash Sensor
- X81** Connector (2 pins) OR

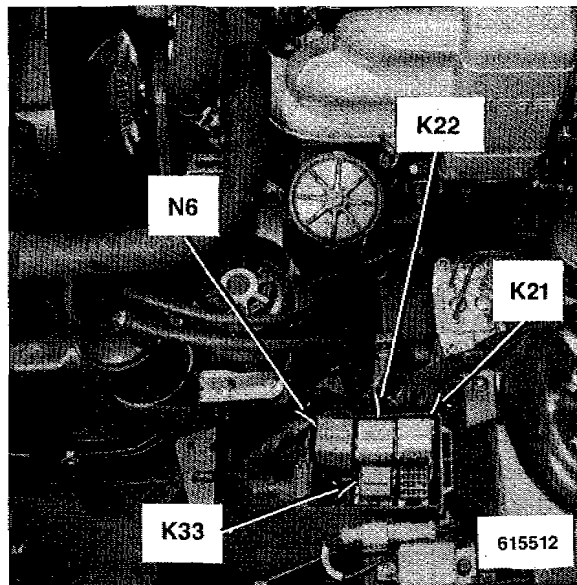


Figure 2- LH Side Of Engine Compartment (735iL Shown; 735i Similar)

- K21** Normal Speed Relay
- K22** High Speed Relay
- K33** Air Conditioning Motronic Relay
- N6** Headlight/Front Fog Light Module (SRA)

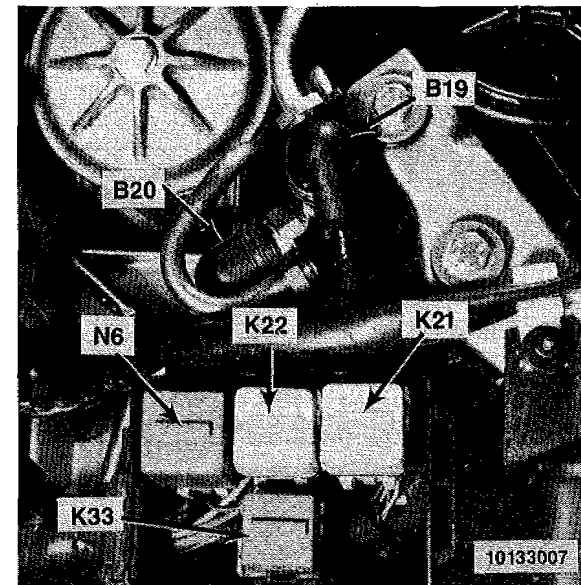


Figure 3- LH Side Engine Compartment (750iL)

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

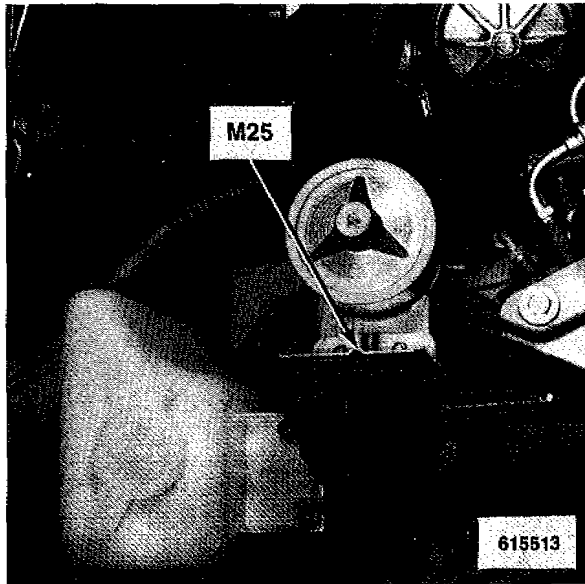


Figure 1- LH Side Of Engine Compartment

M25 Cruise Control Actuator (Tempomat)

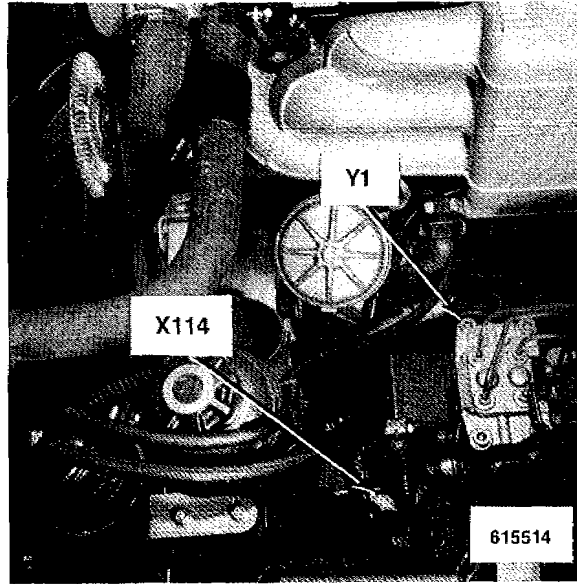


Figure 2- Lower LH Side Of Engine Compartment (735i Shown; 735iL/750iL Similar)

Y1 ABS Hydraulic Unit
X114 Connector (2 pins) WS

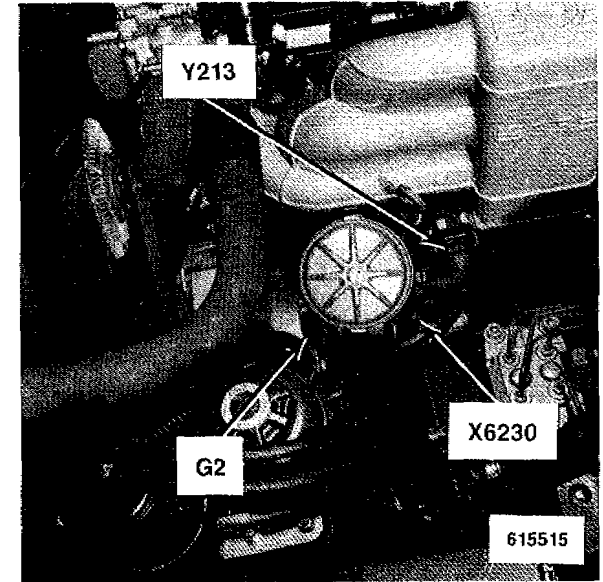


Figure 3- LH Front Of Engine (735i/735iL)

G2 Alternator
Y213 Evaporative Purge Valve
X6230 Connector (3 pins) SW



COMPONENT LOCATION VIEWS

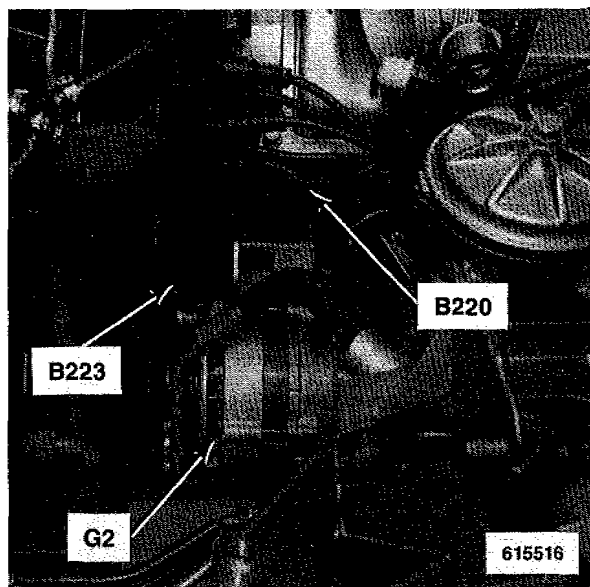


Figure 1- LH Front Of Engine (Air Cleaner Assembly Removed) (750iL)

- B220** Cylinder Identification Sensor I (Cyl 1-6)
- B223** Engine Speed Sensor II (Behind Hose) (Cyl 7-12)
- G2** Alternator

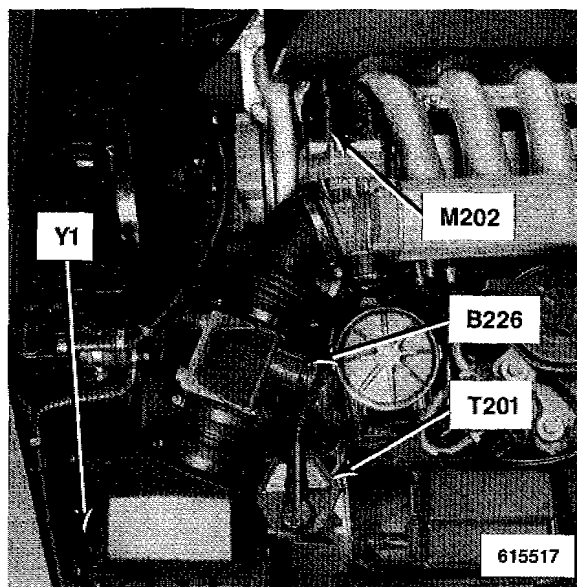


Figure 2- LH Front Of Engine Compartment (750iL)

- B226** Air Mass Meter I (Cyl 1-6)
- M202** Throttle Position Motor I (Cyl 1-6)
- T201** Ignition Coil I (Cyl 1-6)
- Y1** ABS Hydraulic Unit

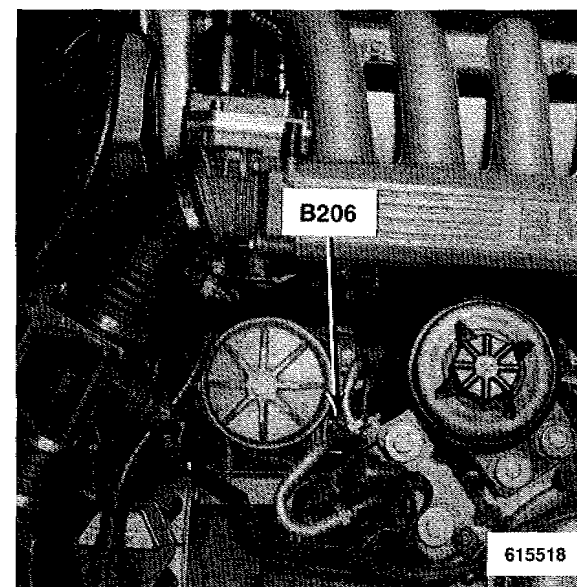


Figure 3- LH Front Of Engine Compartment (750iL)

- B206** Oil Pressure Switch

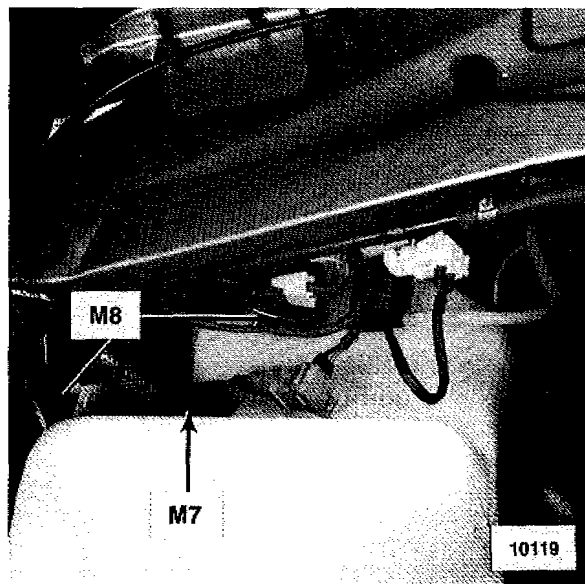


Figure 1- LH Front Of Engine Compartment (735iL)

- M7 Headlight/Fog Light Washer Pump
- M8 Fog Light Washer Pump (Not in US)

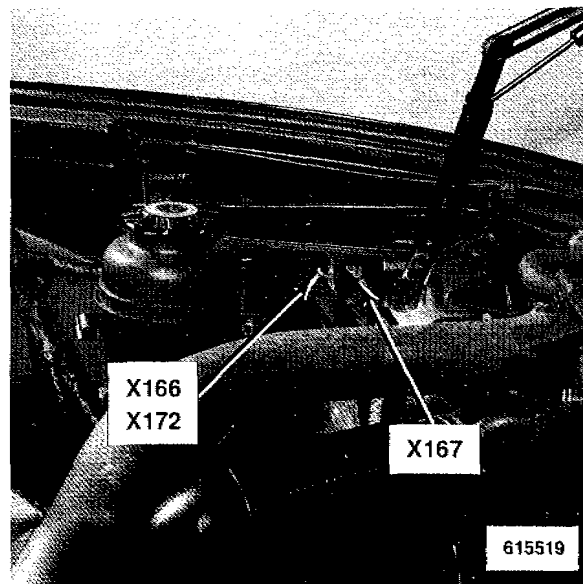


Figure 2- LH Front Of Engine Compartment (Vapor Canister Removed) (735i Shown; 735iL Similar)

- X166 Ground
- X167 Ground
- X172 Ground

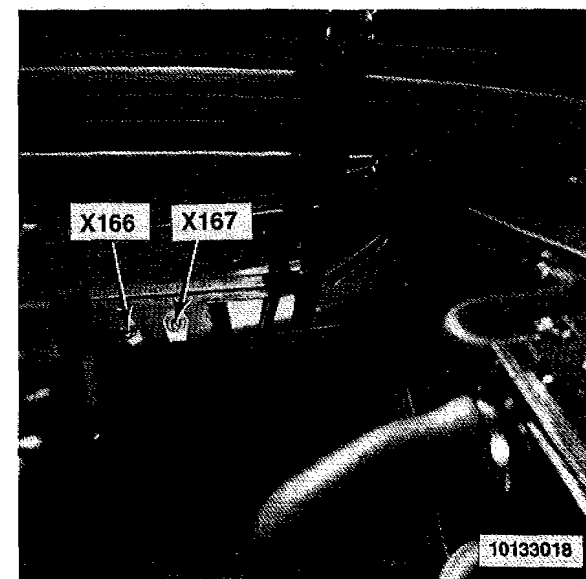


Figure 3- LH Front Of Engine Compartment (Air Filter Removed) (750iL)

- X166 Ground
- X167 Ground

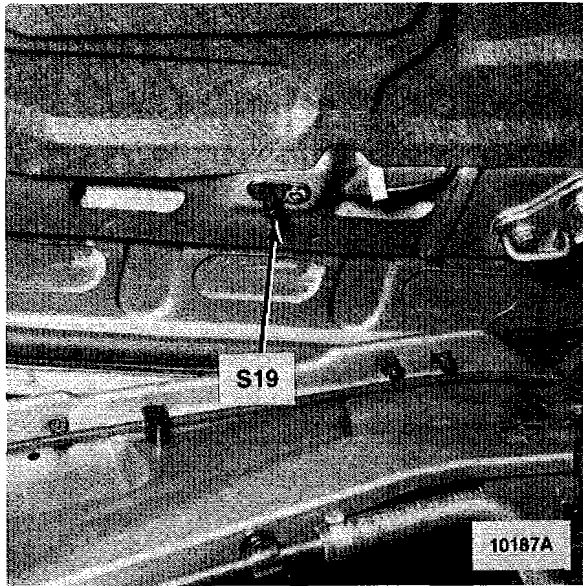


Figure 1- LH Front Of Engine Compartment Hood

S19 Underhood Light Switch

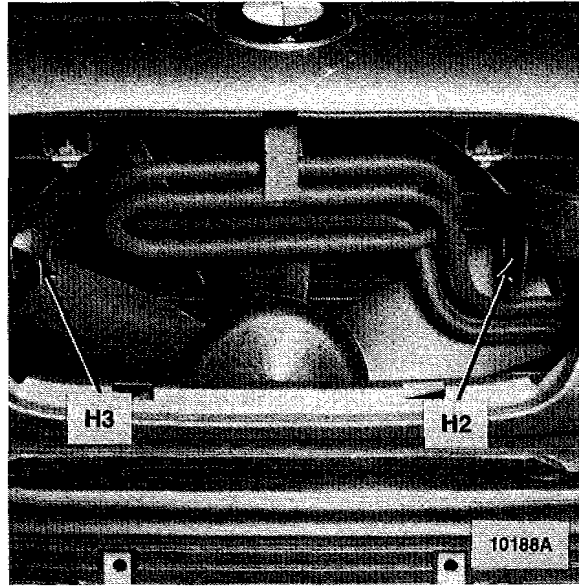


Figure 2- Front Of Car (Grille Removed)

H2 Left Horn
H3 Right Horn

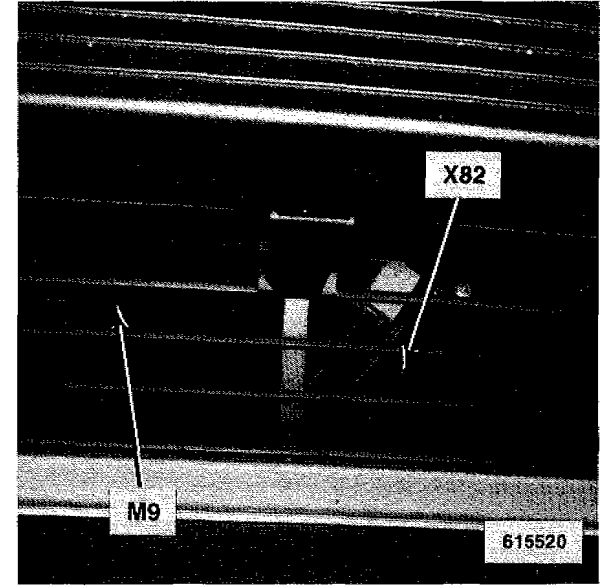


Figure 3- Lower Center Front Of Car

M9 Auxiliary Fan Motor
X82 Connector (3 pins) SW

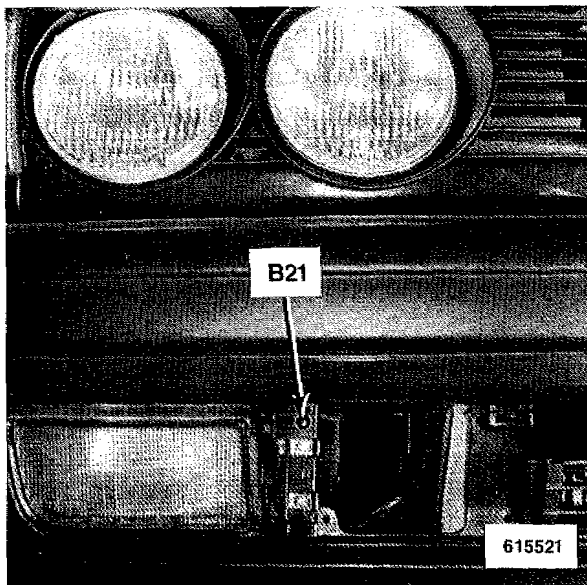


Figure 1- Lower RH Side Of Front Bumper

**B21 On-Board Computer
Temperature Sensor**

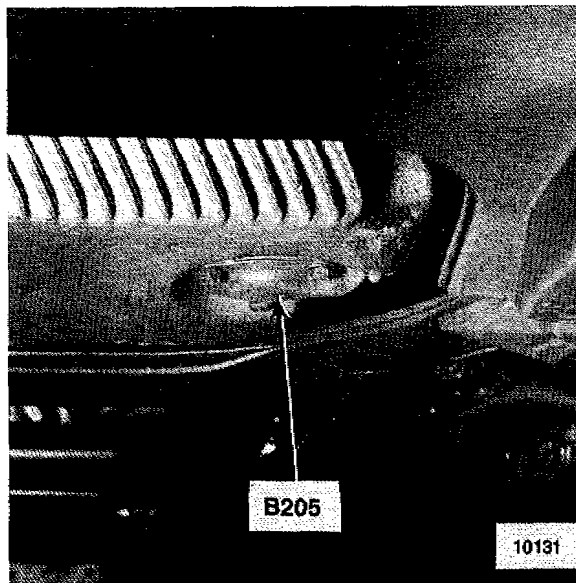


Figure 2- Under Front Of Car (735i/735iL)

B205 Oil Level Sensor

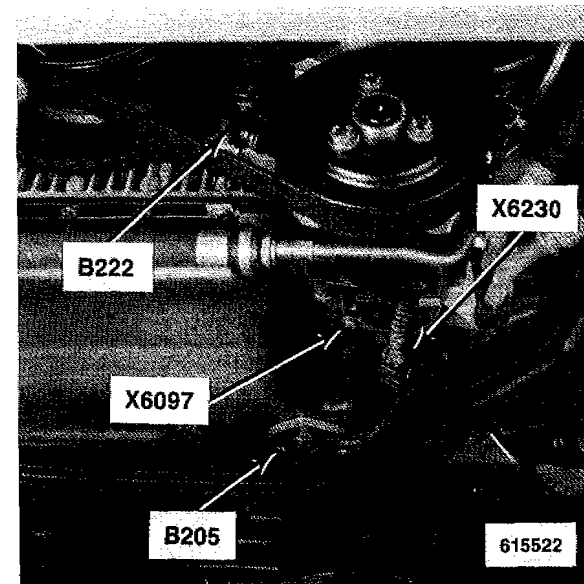
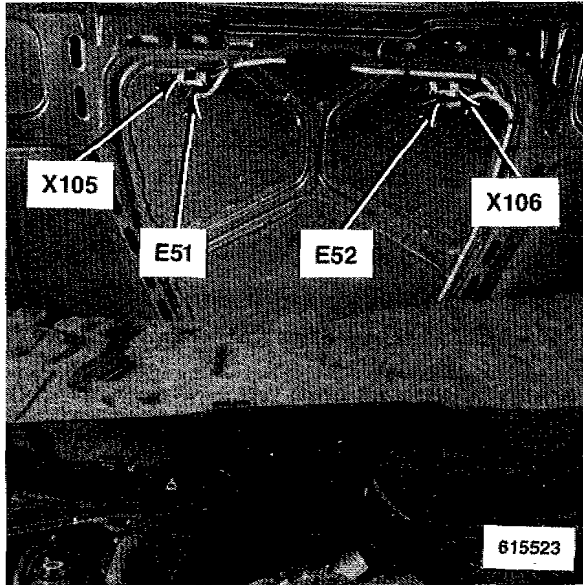


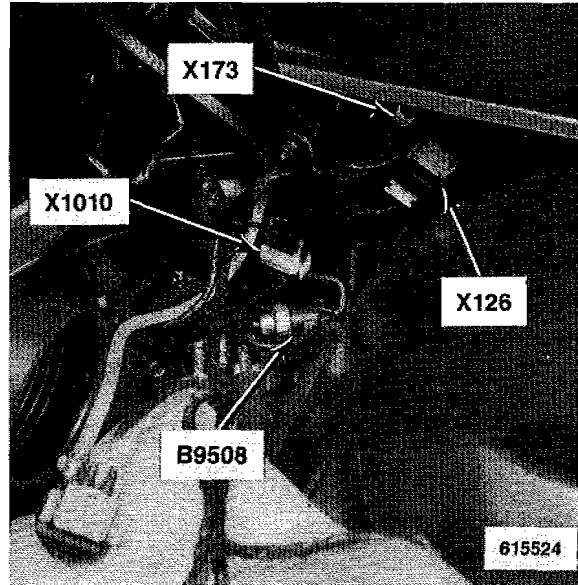
Figure 3- Under Front Of Car (750iL)

**B205 Oil Level Sensor
B222 Engine Speed Sensor I (Cyl 1-6)
X6097 Ground
X6230 Connector (3 pins) SW**



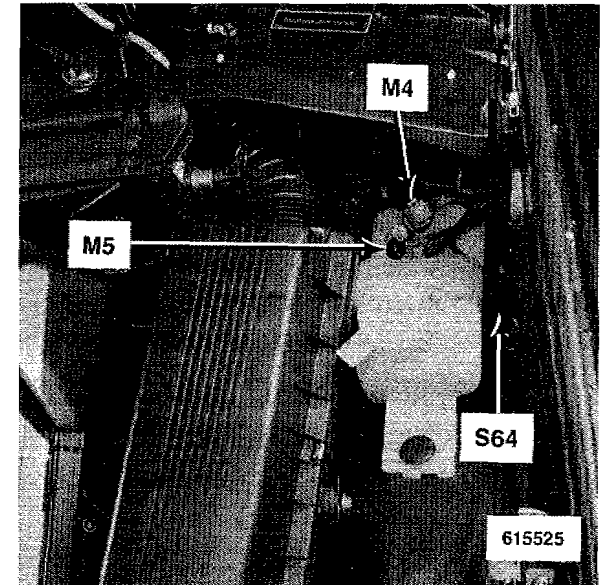
**Figure 1- Underside Of Engine
Compartment Hood**

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



**Figure 2- RH Front Corner Of Engine
Compartment (Air Cleaner and
Washer Fluid Reservoir
Removed) (735i Shown;
735iL/750iL Similar)**

- B9508 Pressure Switch**
- X126 Connector (2 pins) WS**
- X173 Ground**
- X1010 Connector (2 pins) SW**



**Figure 3- RH Front Of Engine
Compartment (735i Shown;
735iL Similar)**

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

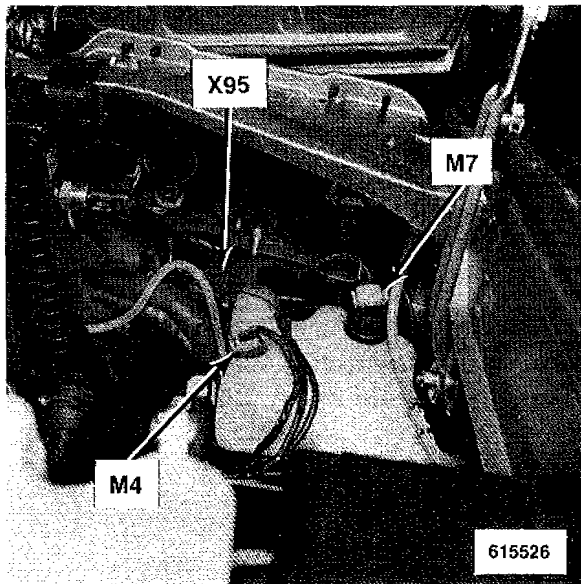


Figure 1- RH Front Of Engine Compartment (Air Cleaner Assembly Removed) (750iL)

- M4 Washer Pump**
- M7 Headlight/Fog Light Washer Pump**
- X95 Connector (3 pins) SW**

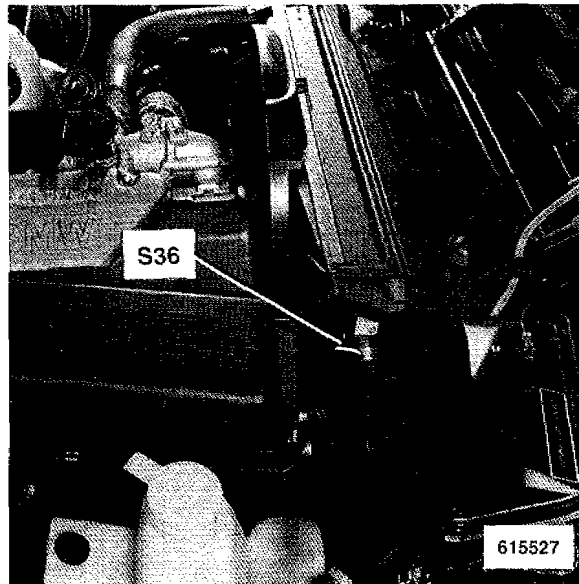


Figure 2- RH Front Of Engine Compartment (735i Shown; 735iL/750iL Similar)

- S36 Temperature Switch**

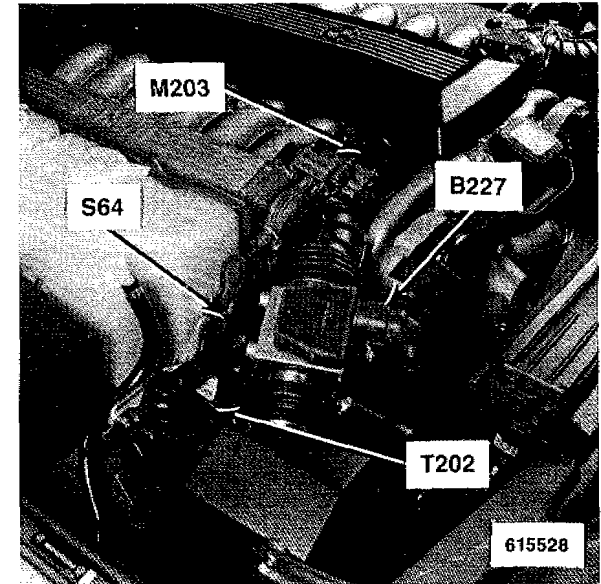


Figure 3- RH Front Of Engine Compartment (750iL)

- B227 Air Mass Meter II (Cyl 7-12)**
- M203 Throttle Position Motor II (Cyl 7-12)**
- S64 Washer Fluid Level Switch**
- T202 Ignition Coil II (Cyl 7-12)**

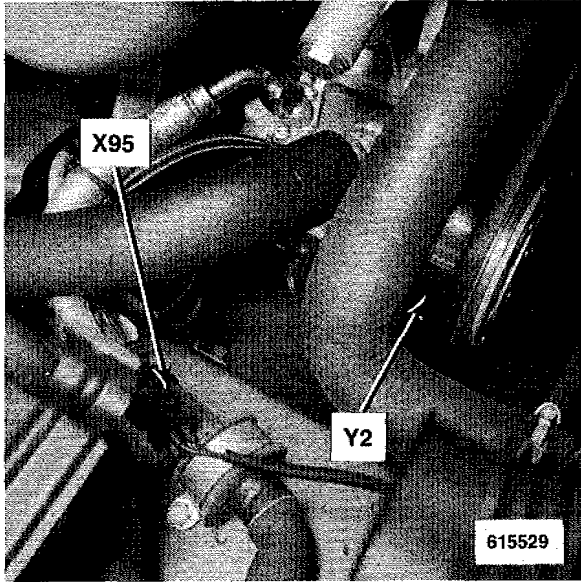


Figure 1- RH Front Of Engine (Air Cleaner Assembly Removed) (735i/735iL)

Y2 Compressor Clutch (IHKA)
X95 Connector (3 pins) SW

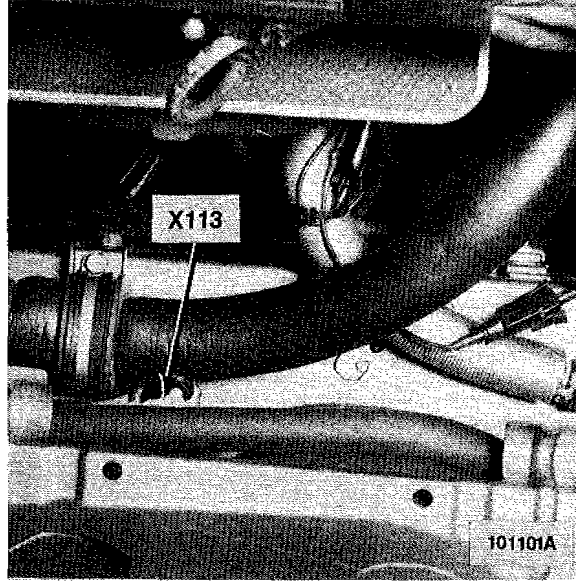


Figure 2- Lower RH Side Of Engine Compartment (Air Cleaner Assembly Removed) (735i Shown; 735iL/750iL Similar)

X113 Connector (2 pins) WS

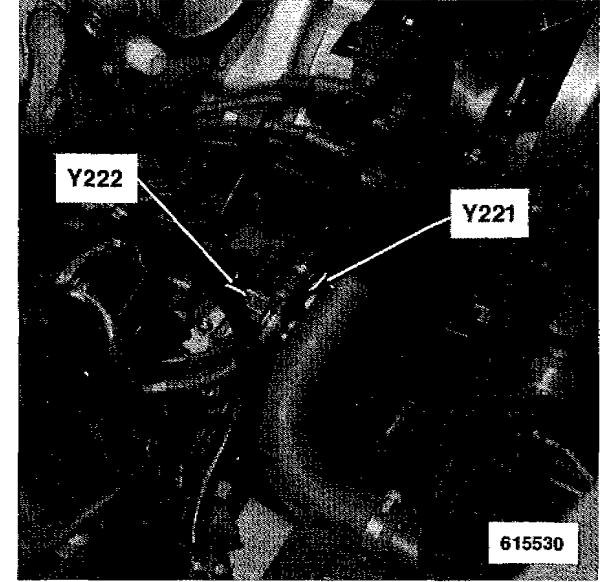


Figure 3- RH Front Of Engine (Air Cleaner Assembly Removed)

Y221 Evaporative Purge Valve I (Cyl 1-6)
Y222 Evaporative Purge Valve II (Cyl 7-12)



COMPONENT LOCATION VIEWS

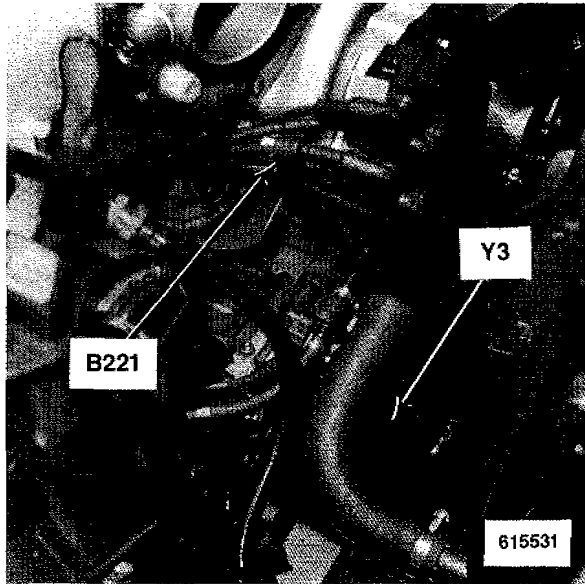


Figure 1- RH Front Of Engine (Air Cleaner Assembly Removed)

B221 Cylinder Identification Sensor II
Y3 Compressor (IHKA)

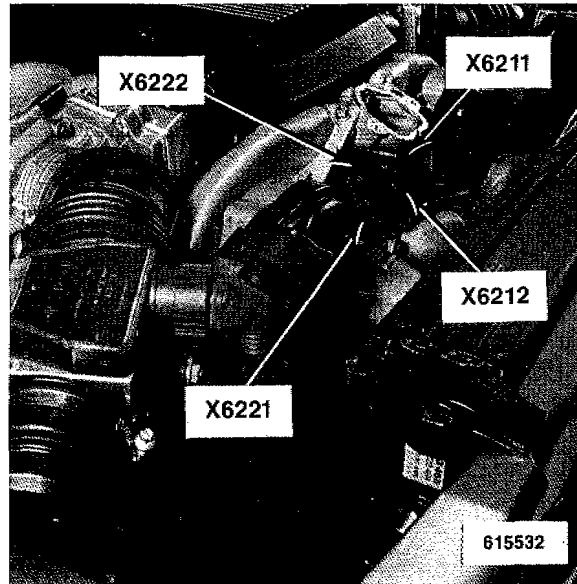


Figure 2- Top Center Front Of Engine

X6211 Connector (3 pins) SW
X6212 Connector (3 pins) SW
X6221 Connector (3 pins) SW
X6222 Connector (3 pins) SW

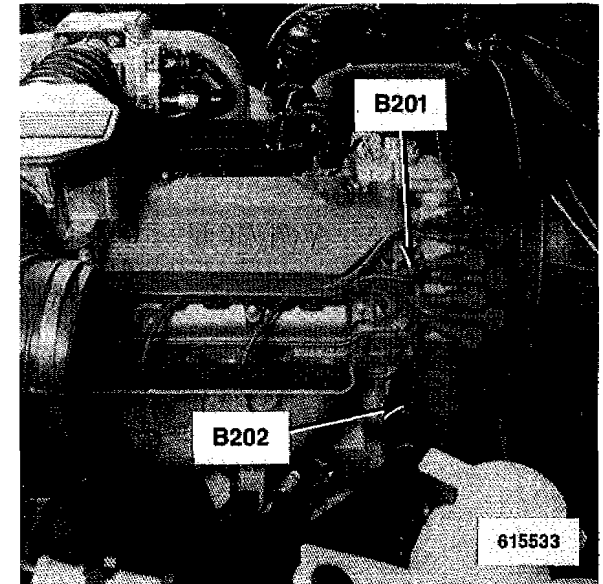


Figure 3- RH Front Of Engine (Air Cleaner Assembly Removed)

B201 Cylinder Identification Sensor
B202 Engine Speed/Reference Point Sensor

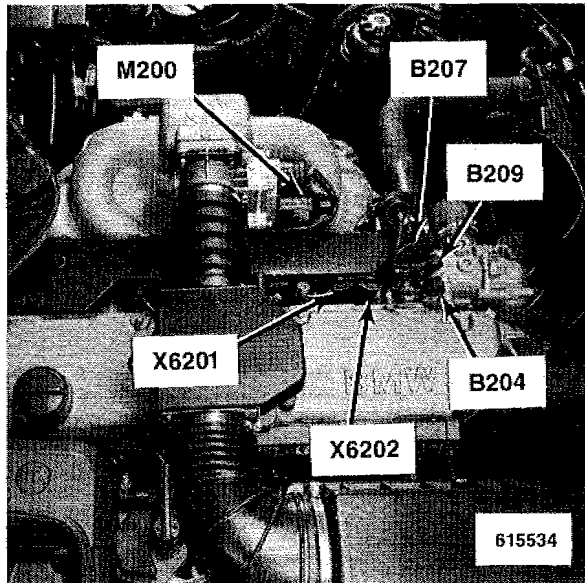


Figure 1- Top RH Front Of Engine (735i/735iL) (With EML Shown; Without EML Similar)

- B204** Coolant Temperature Sensor
- B207** Coolant Temperature Sender
- B209** Washer Temperature Sensor
- M200** Throttle Position Motor
- X6201** Connector (3 pins) SW
- X6202** Connector (3 pins) SW

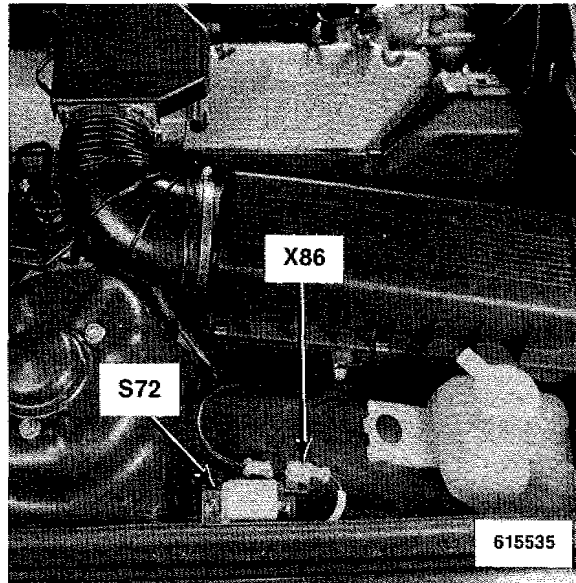


Figure 2- RH Side Of Engine Compartment (735i Shown; 735iL/750iL Similar)

- S72** Right Front Crash Sensor
- X86** Connector (2 pins) OR

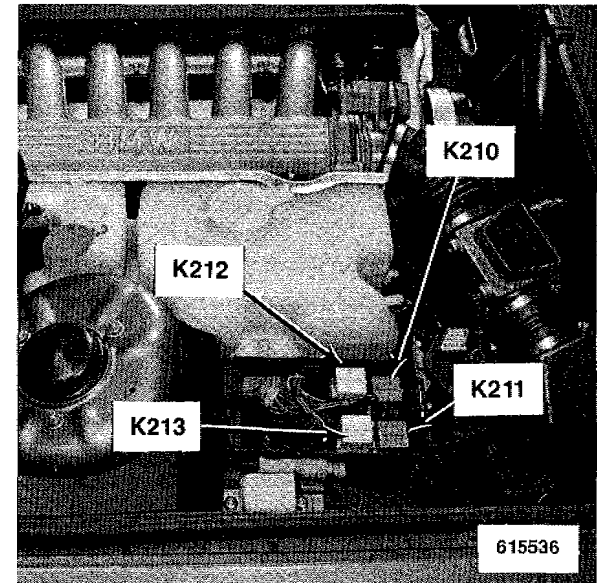


Figure 3- RH Side Of Engine Compartment (750iL)

- K210** Fuel Pump Relay I (Cyl 1-6)
- K211** Fuel Pump Relay II (Cyl 7-12)
- K212** Main Relay I (Cyl 1-6)
- K213** Main Relay II (Cyl 7-12)

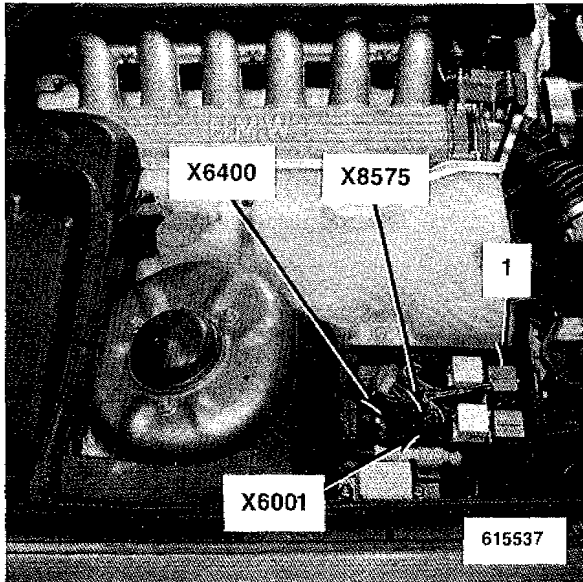


Figure 1- RH Side Of Engine Compartment (750iL)

- 1 Auxiliary Relay Box 2
- X6001 Connector (8 pins) SW
- X6400 B+ Junction Post
- X8575 Connector (2 pins) SW

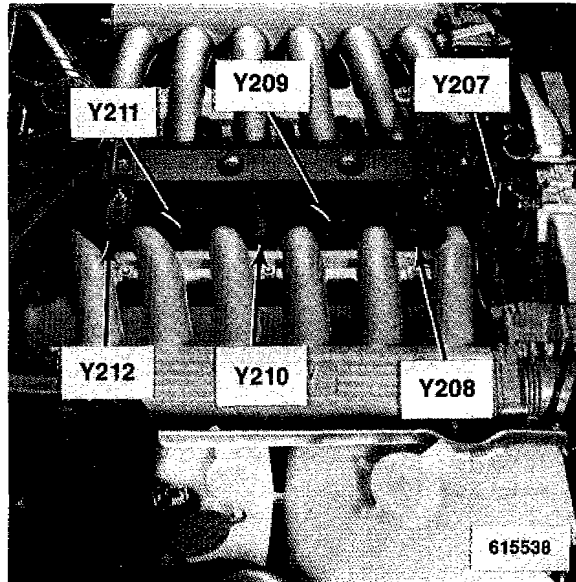


Figure 2- Top RH Side Engine

- Y207 Fuel Injector 7
- Y208 Fuel Injector 8
- Y209 Fuel Injector 9
- Y210 Fuel Injector 10
- Y211 Fuel Injector 11
- Y212 Fuel Injector 12

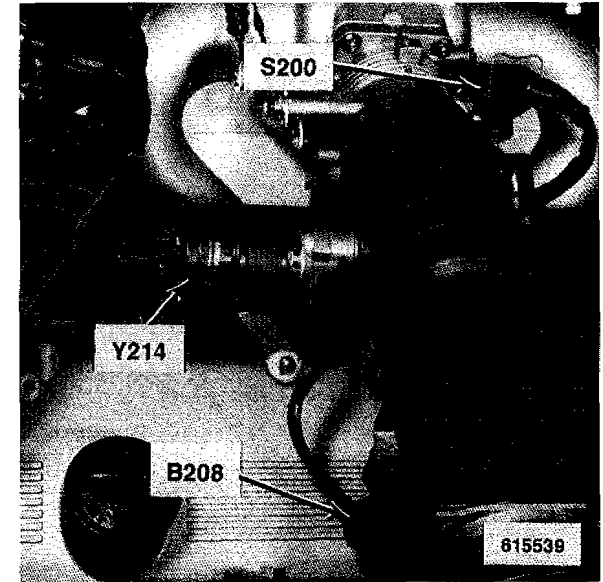


Figure 3- Top RH Rear Of Engine (735i/735iL) (Without EML)

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



COMPONENT LOCATION VIEWS

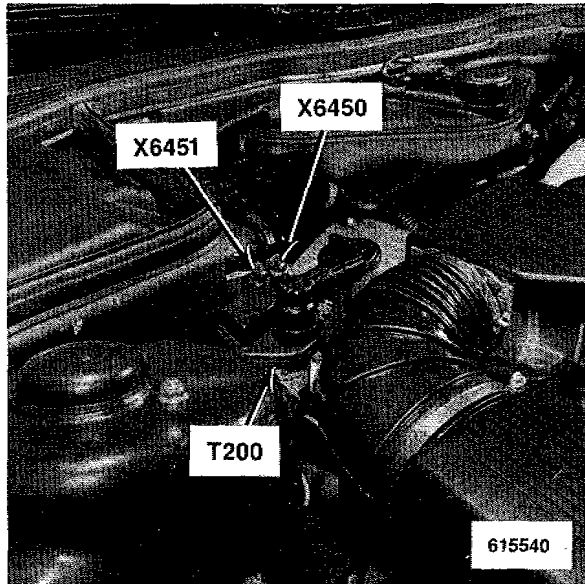


Figure 1- RH Rear Of Engine Compartment (735i/735iL)

T200 Ignition Coil
X6450 Ground (Electronic)
X6451 Ground (Final Stage)

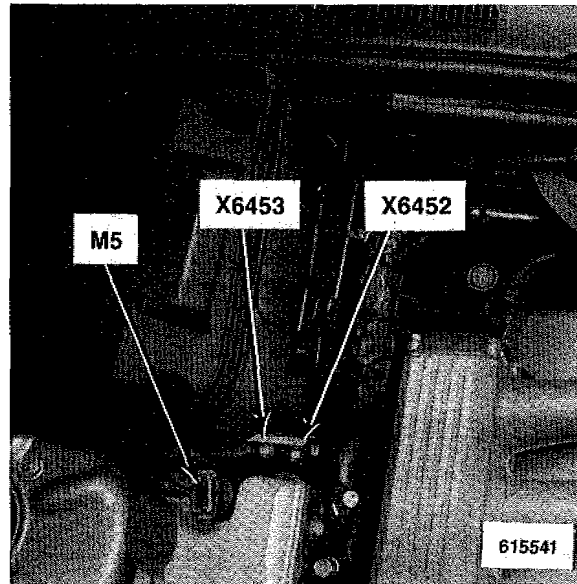


Figure 2- RH Rear Of Engine Compartment (750iL)

M5 Intensive Wash Pump
X6452 Ground
X6453 Ground

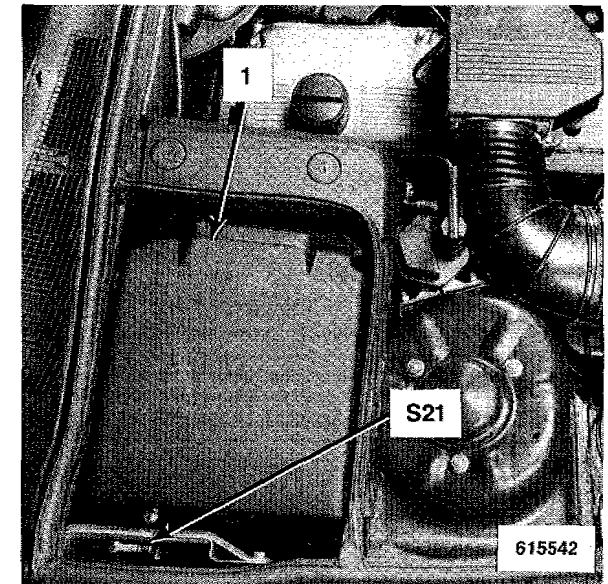


Figure 3- RH Rear Corner Of Engine Compartment (735i Shown; 735iL/750iL Similar)

1 E-Box
S21 Engine Hood Switch

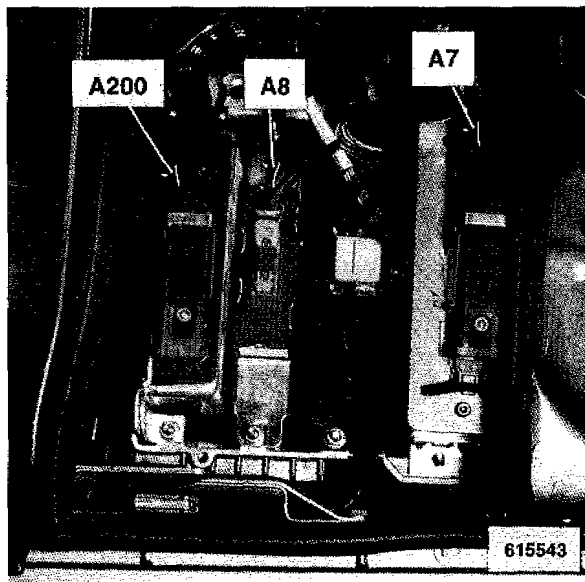


Figure 1- RH Rear Of Engine Compartment (735i/735iL) (Without EML)

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

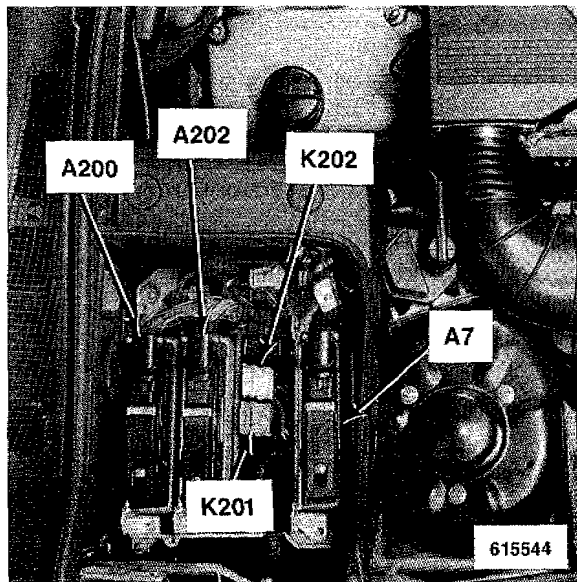


Figure 2- RH Rear Of Engine Compartment (735i/735iL) (With EML Shown; Without EML Similar)

- A7** ABS Electronic Control Unit
- A200** Motronic Control Unit (DME)
- A202** EML (1.3) Electronic Control Unit
- K201** Fuel Pump Relay
- K202** Main Relay

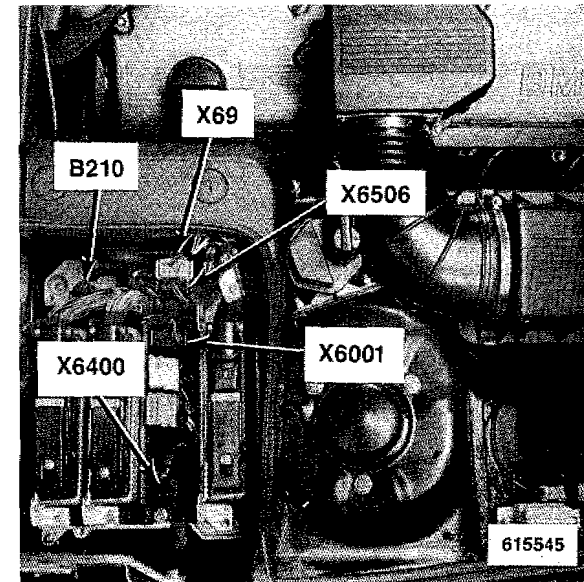


Figure 3- RH Rear Of Engine Compartment (735i/735iL) (With EML Shown; Without EML Similar)

- B210** Temperature Switch
- X69** Connector (8 pins) WS
- X6001** Connector (8 pins) SW
- X6400** B+ Junction Post
- X6506** Connector (4 pins) SW

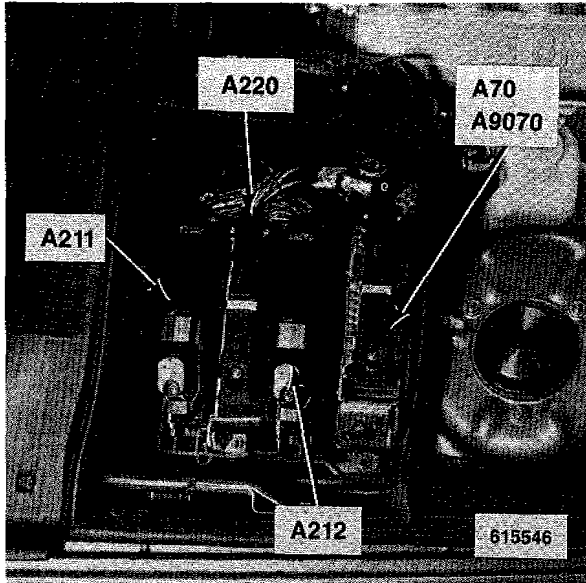


Figure 1- RH Rear Of Engine Compartment (750iL)

- A70 ABS/ASC Control Unit**
- A211 Motronic Control Unit I (DME)**
- A212 Motronic Control Unit II (DME)**
- A220 EML Electronic Control Unit**
- A9070 ABS/ASC + T Control Unit**

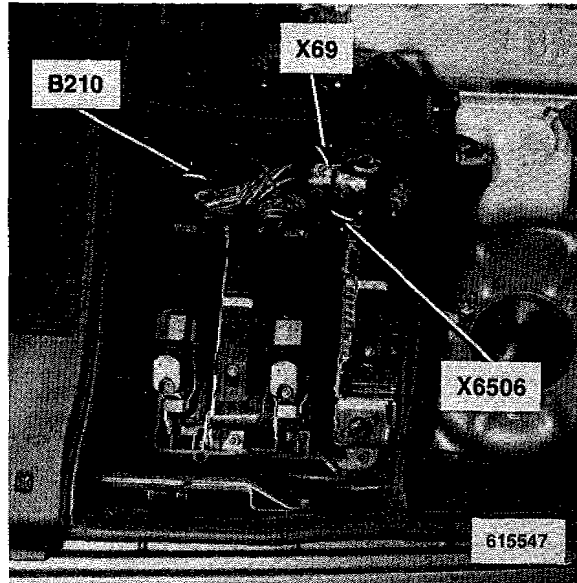


Figure 2- RH Rear Of Engine Compartment (750iL)

- B210 Temperature Switch**
- X69 Connector (8 pins) WS**
- X6506 Connector (4 pins) SW**

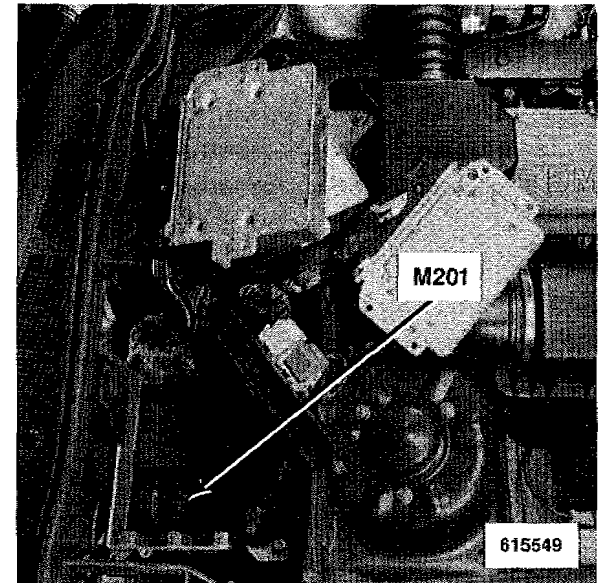


Figure 3- RH Rear Of Engine Compartment (Modules Removed)

- M201 E-Box Fan**



COMPONENT LOCATION VIEWS

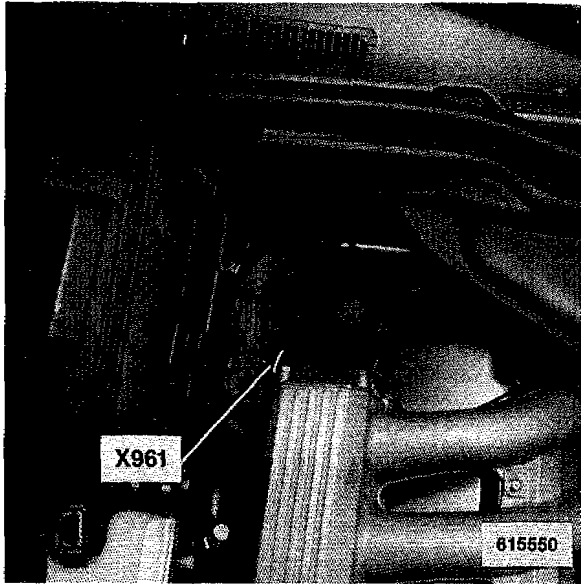


Figure 1- RH Rear Of Engine Compartment (750iL)

X961 B+ Junction Post (Engine Compartment Side)

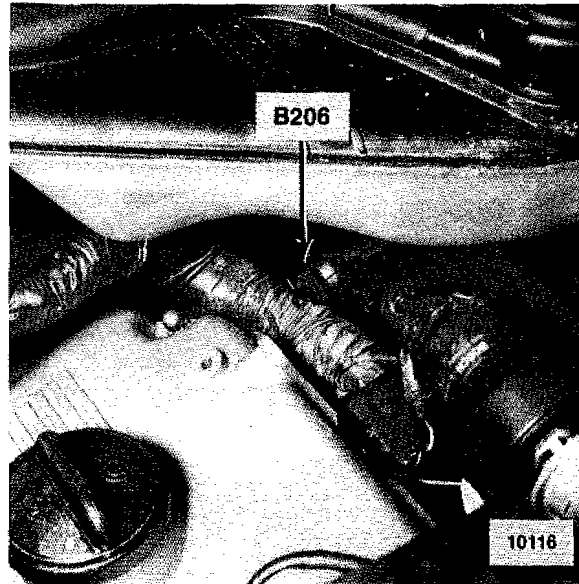


Figure 2- Rear Of Engine (735i/735iL) (Without EML Shown; With EML Similar)

B206 Oil Pressure Switch

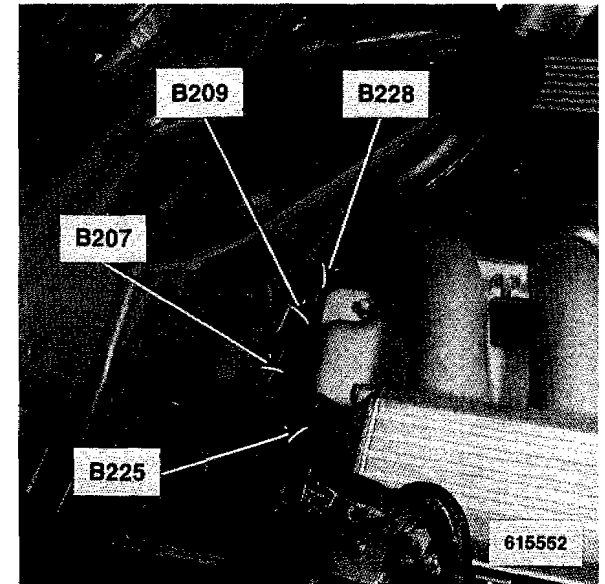


Figure 3- RH Rear Of Engine (750iL)

**B207 Coolant Temperature Sender
B209 Water Temperature Sensor
B225 Engine Intake Air Temperature Sensor II (Cyl 7-12)
B228 Water Temperature Sensor (DME)**

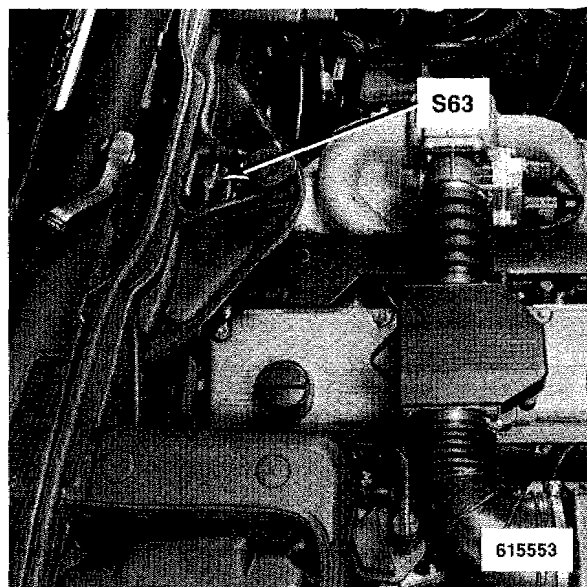


Figure 1- Center Rear Of Engine Compartment (735i Shown; 735iL/750iL Similar)

S63 Coolant Level Switch

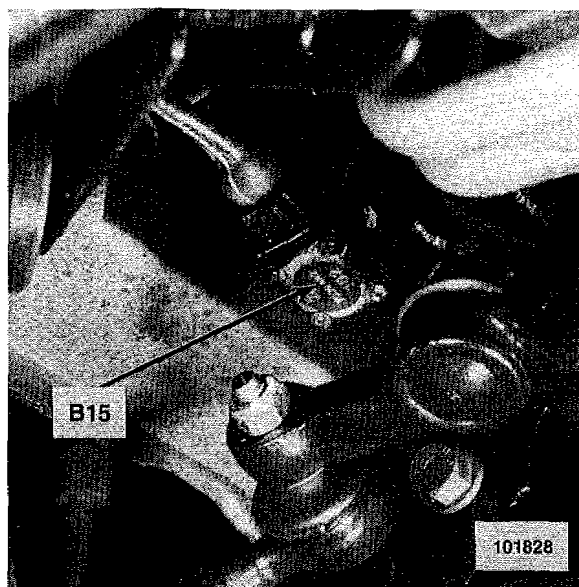


Figure 2- Below LH Front Of Car (735i Shown; 735iL/750iL Similar)

B15 Electro-Hydraulic Converter

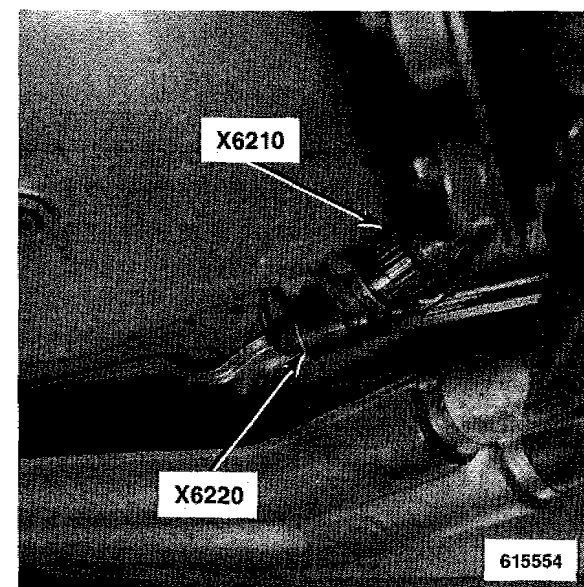


Figure 3- Under Center Of Car, RH Side Of Transmission

X6210 Connector (4 pins) SW
X6220 Connector (4 pins) SW

BMW
7 **COMPONENT LOCATION VIEWS**

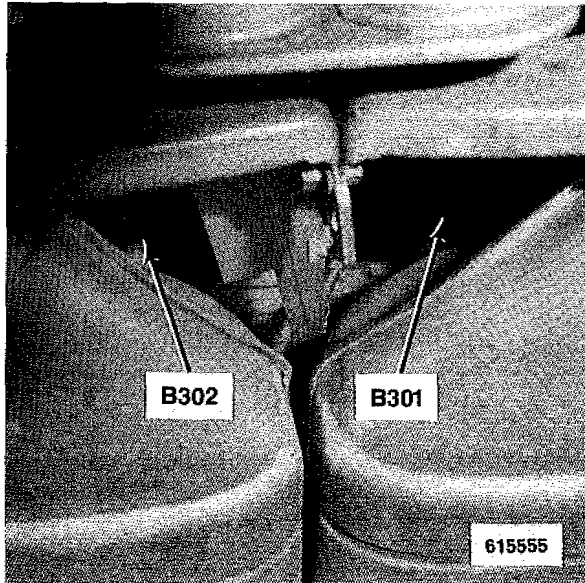


Figure 1- Under Center Of Car, Behind Transmission

- B301 Oxygen Sensor I**
- B302 Oxygen Sensor II**

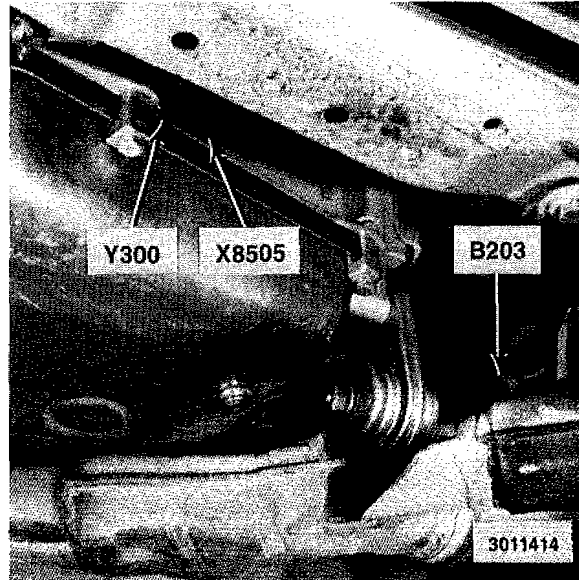


Figure 2- LH Side Of Transmission (735i/735iL Shown; 750iL Similar)

- B203 Oxygen Sensor**
- Y300 Transmission**
- X8505 Connector (8 pins) SW**

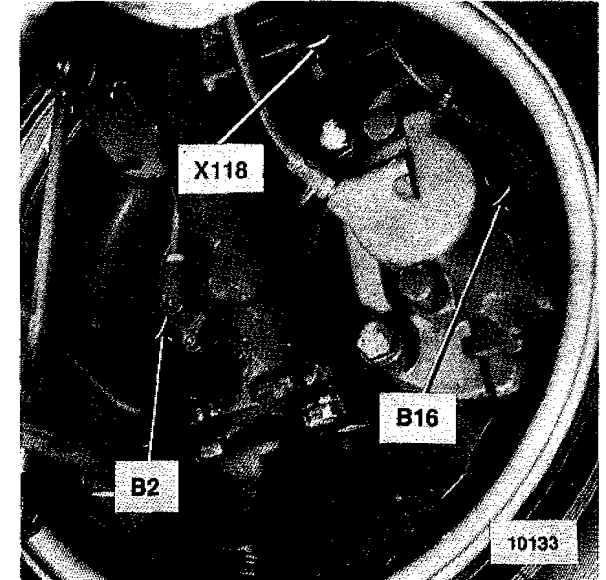


Figure 3- Behind LH Front Wheel

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

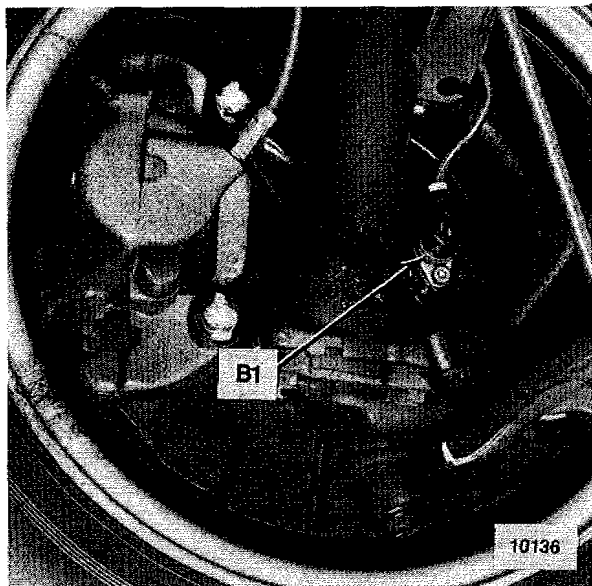


Figure 1- Behind RH Front Wheel
B1 Right Front Speed Sensor

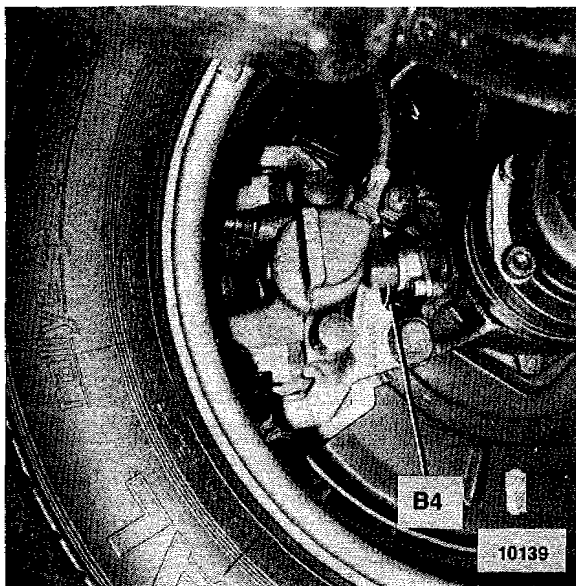


Figure 2- Behind LH Rear Wheel
B4 Left Rear Speed Sensor

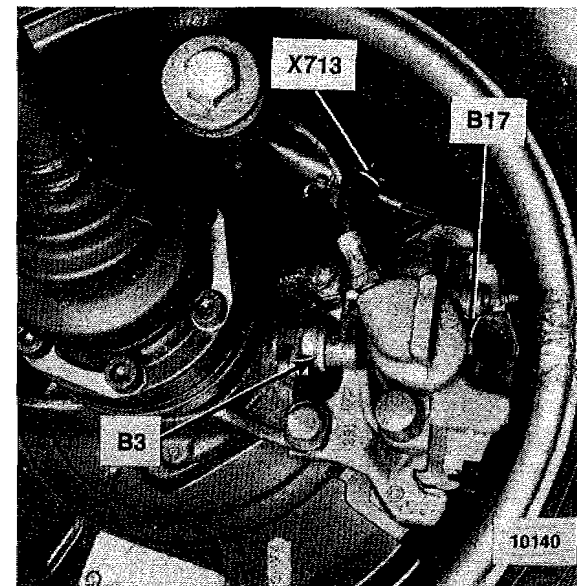
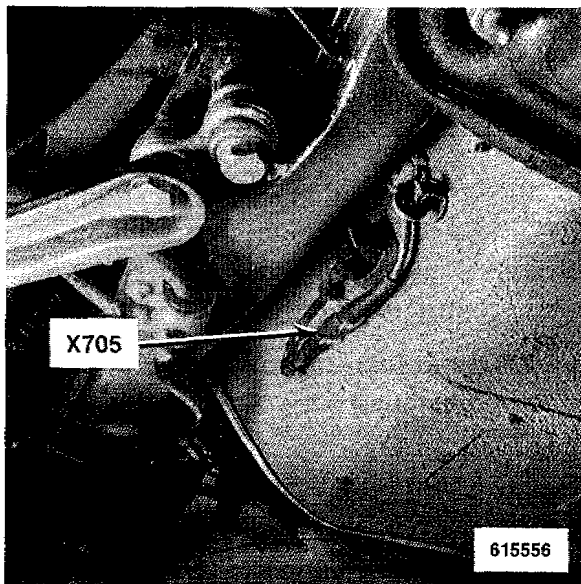


Figure 3- Behind RH Rear Wheel
B3 Right Rear Speed Sensor
B17 Right Rear Brake Pad Sensor
X713 Connector (2 pins) SW

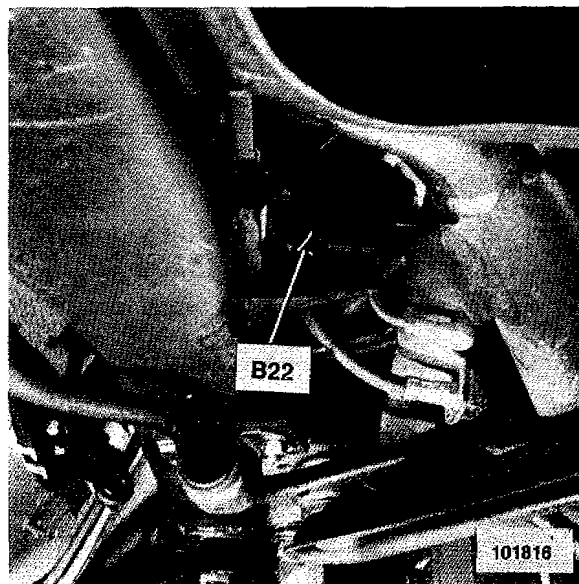


COMPONENT LOCATION VIEWS



**Figure 1- Under RH Side Of Car, Forward
Of Rear Differential**

X705 Connector (2 pins) SW



**Figure 2- Under RH Side Of Car, RH Side
Of Rear Differential**

B22 Wheel Camber Control Unit

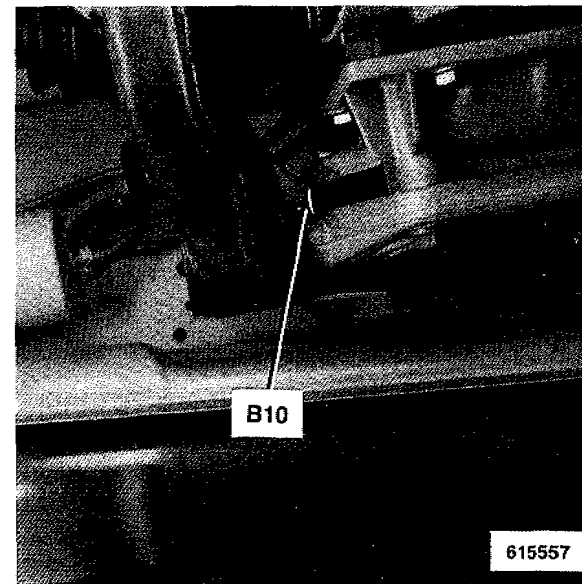
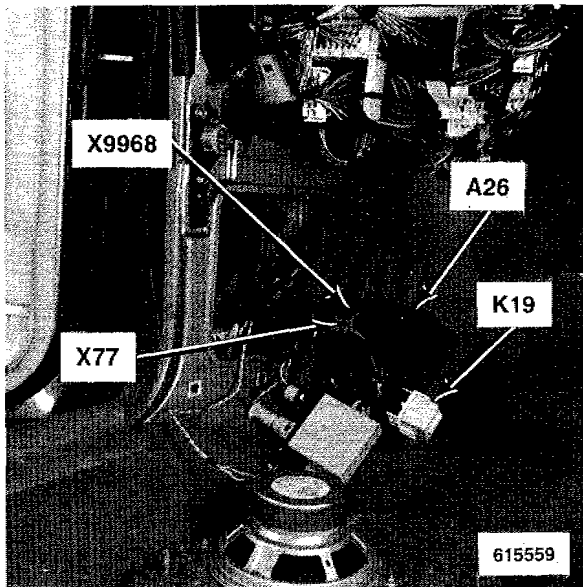


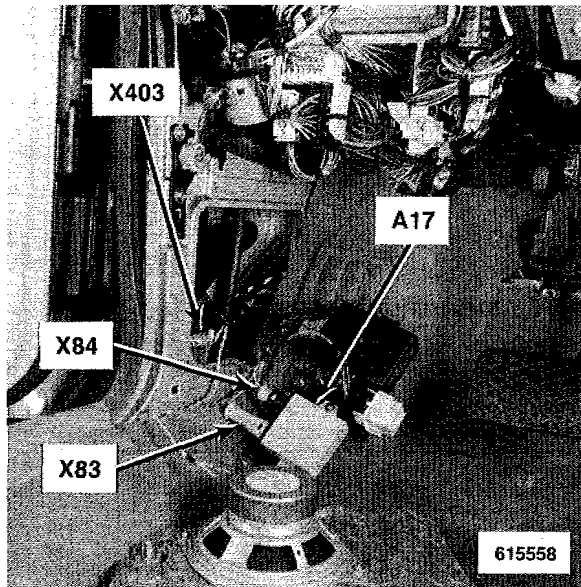
Figure 3- RH Side Of Rear Differential

B10 Vehicle Speed Sensor



**Figure 1- Inside LH Kick Panel (Module/
Relay Bracket Removed)**

- A17** Servotronic Control Unit
- X83** Connector (3 pins) GE
- X84** Connector (3 pins) GE
- X403** Connector (2 pins) WS



**Figure 2- Inside LH Kick Panel (Module/
Relay Bracket Removed)**

- A26** Lock-Sensor Control Unit
- K19** Compressor Control Relay
- X77** Connector (5 pins) GN
- X9968** Connector (4 pins) SW

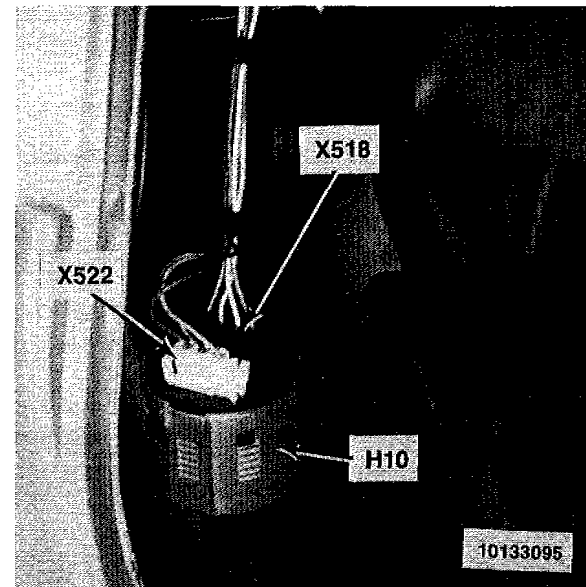


Figure 3- Below LH Side Of Dash

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

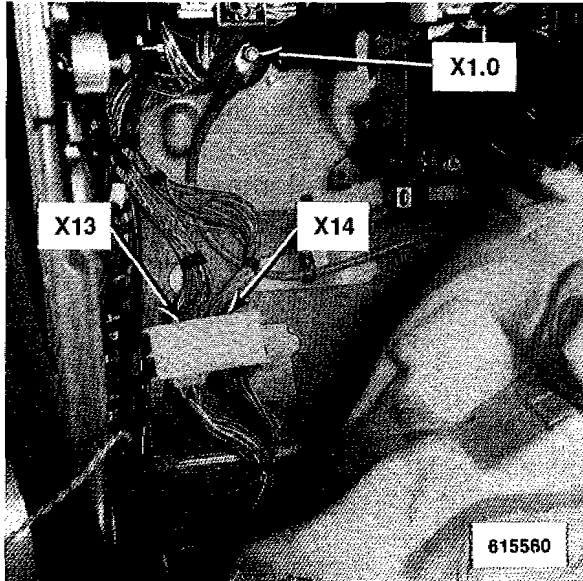


Figure 1- Below Driver's Footrest

- X1.0 Junction Post**
- X13 Connector (30 pins) BL**
- X14 Connector (30 pins) SW**

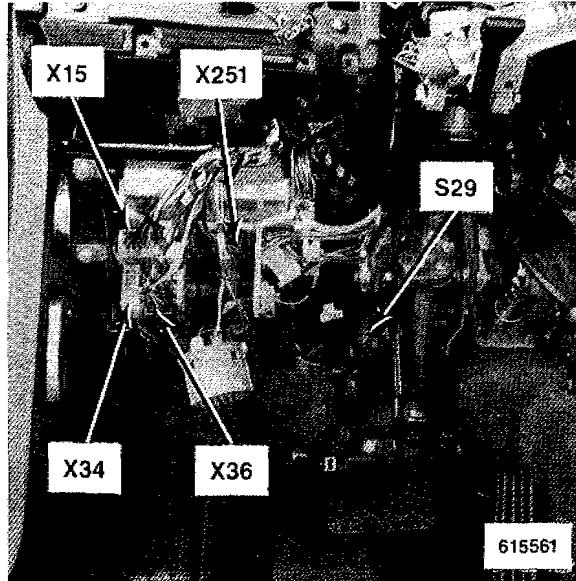


Figure 2- Below LH Side Of Dash, Left Of Steering Column

- S29 Brake Light Switch**
- X15 Connector (30 pins) WS**
- X34 Connector (12 pins) WS**
- X36 Connector (21 pins) SW**
- X251 Connector (30 pins) SW**

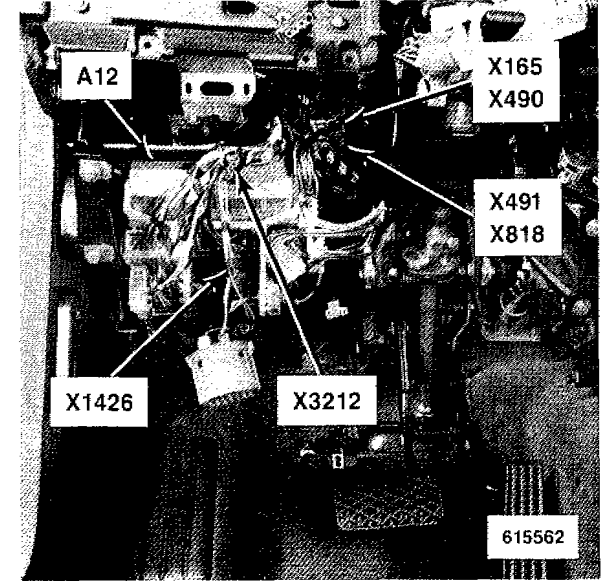


Figure 3- Below LH Side Of Dash, Left Of Steering Column

- A12 Diagnostic Module (SRS)**
- X165 Ground**
- X490 Ground**
- X491 Ground**
- X818 Ground**
- X1426 Connector (1 pin) BR**
- X3212 Connector (4 pins) SW**

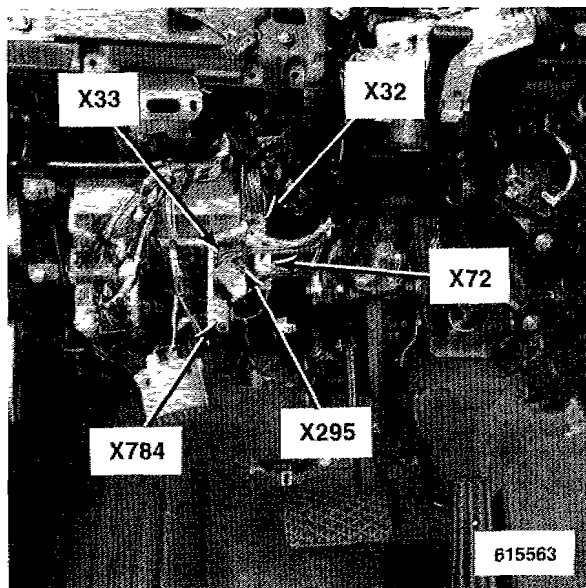


Figure 1- Below LH Side Of Dash, Left Of Steering Column

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

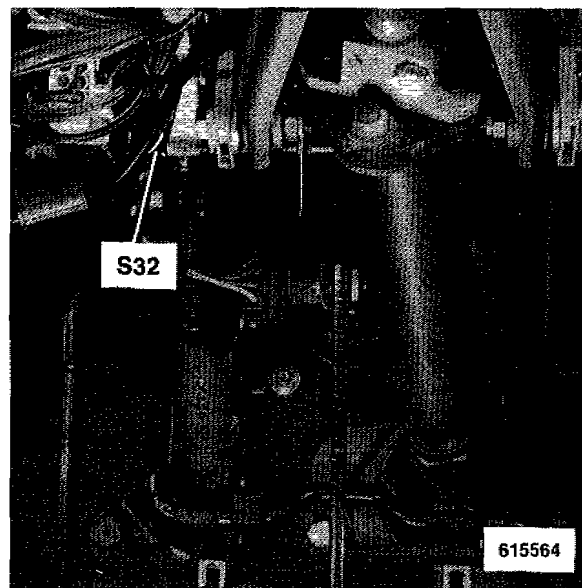


Figure 2- Below LH Side Of Dash, Left Of Steering Column

- S32 Clutch Switch**

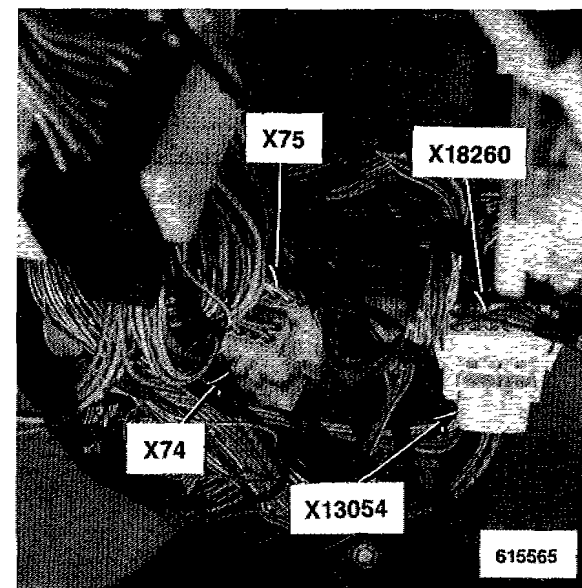


Figure 3- Below LH Side Of Dash, Left Of Steering Column

- X74 Connector (8 pins) OR**
- X75 Connector (6 pins) OR**
- X13054 Connector (4 pins) WS**
- X18260 Connector (12 pins) WS**

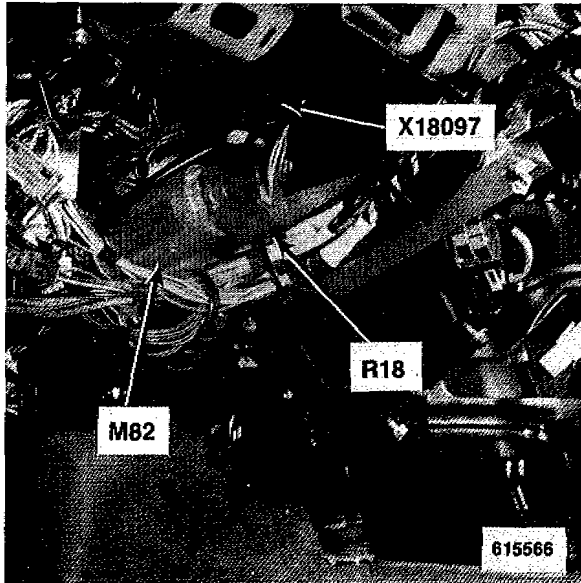


Figure 1- Below LH Side Dash

- M82** Steering Column Adjustment Motor
- R18** Steering Column Adjustment Potentiometer
- X18097** Connector (2 pins) SW

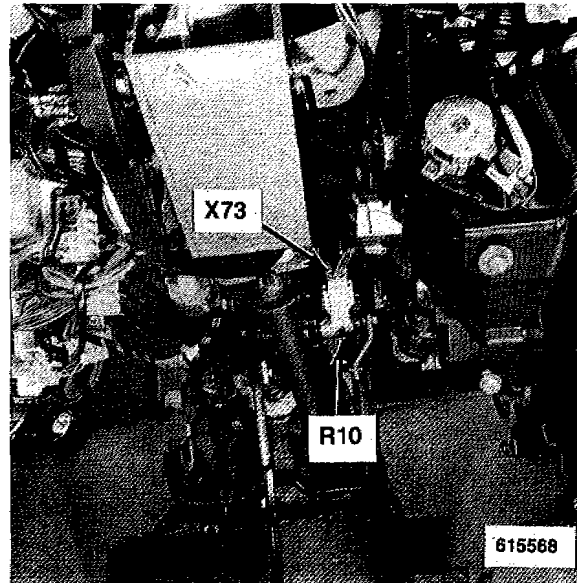


Figure 2- Below LH Side Of Dash

- R10** Pedal Position Sensor
- X73** Connector (8 pins) SW (735i/735iL) WS (750iL)

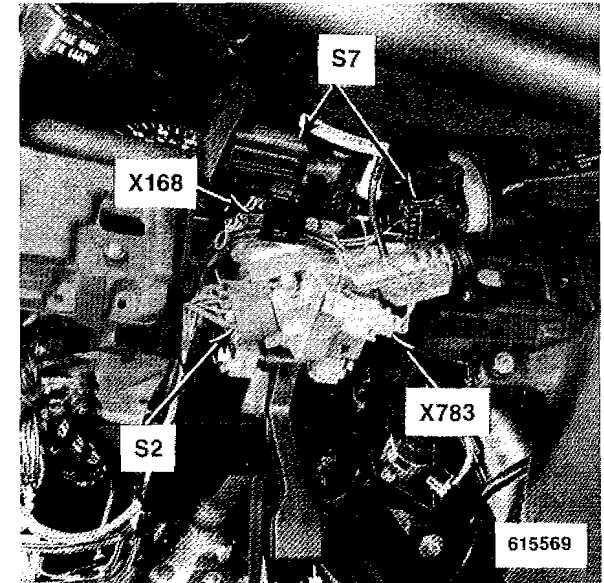


Figure 3- Underside Of Steering Column

- S2** Ignition Switch
- S7** Combination Switch
- X168** Connector (1 pin) SW
- X783** Connector (2 pins) OR

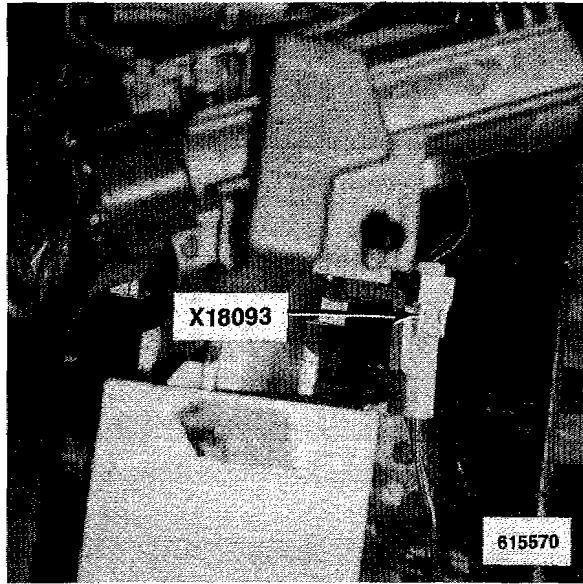


Figure 1- Top RH Underside Of Steering Column

X18093 Connector (3 pins) WS

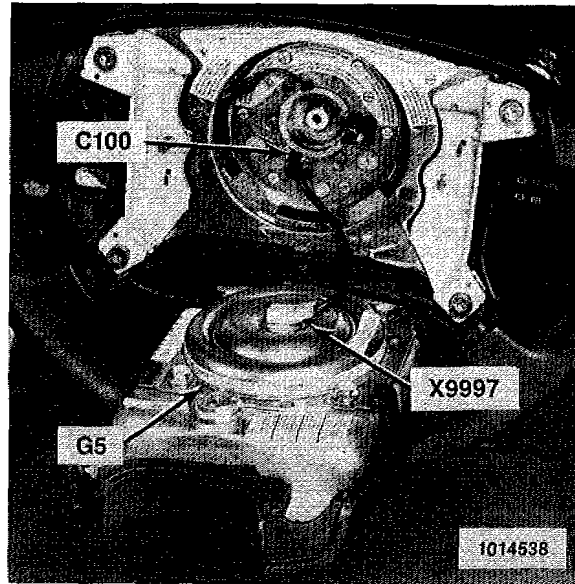


Figure 2- Inside Steering Wheel

C100 Contact Ring
G5 Driver's Air Bag Generator
X9997 Connector (2 pins) OR

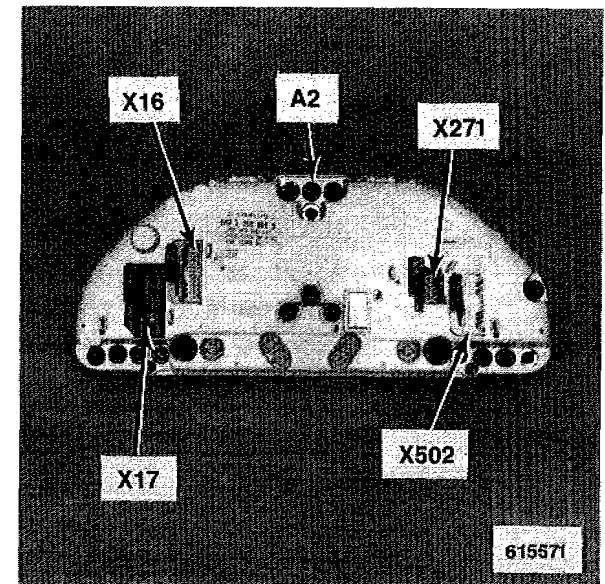


Figure 3- Rear Of Instrument Cluster

A2 Instrument Cluster
X16 Connector (26 pins) TAN
X17 Connector (6 pins) BR
X271 Connector (12 pins) GR
X502 Connector (26 pins) WS



COMPONENT LOCATION VIEWS

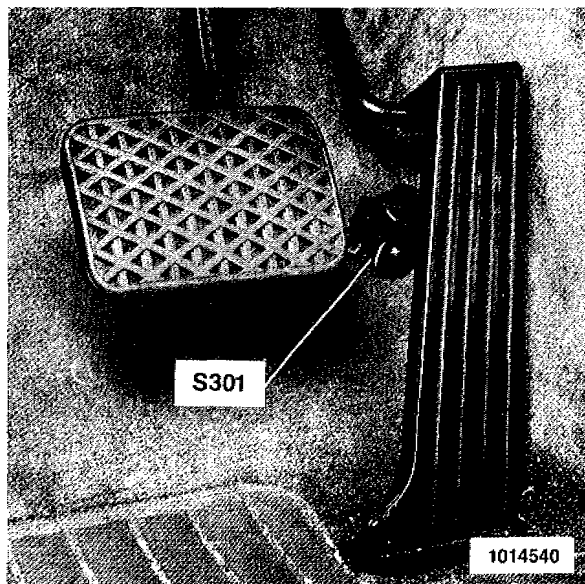


Figure 1- Below LH Side Of Dash

S301 Transmission Kickdown Switch

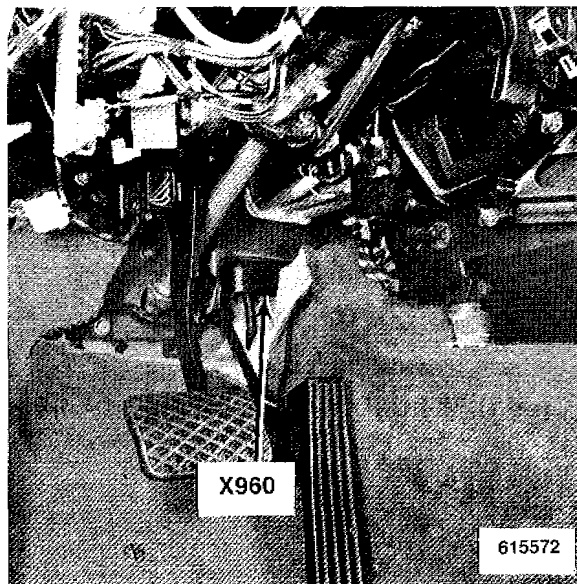


Figure 2- Below LH Side Of Dash
(735i/735iL)

X960 B+ Junction Post

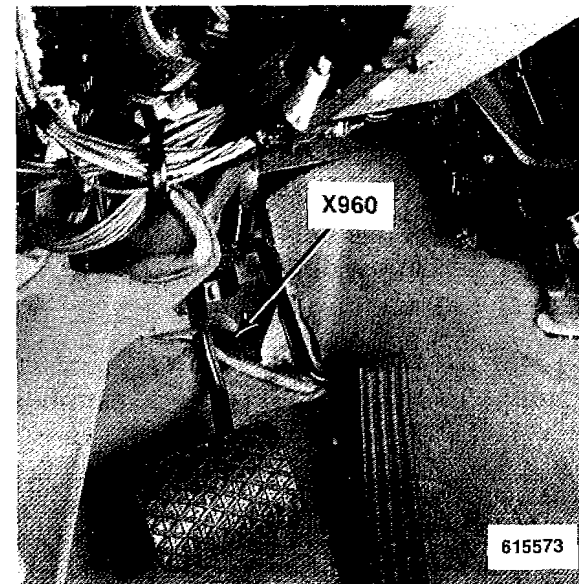


Figure 3- Below LH Side Of Dash (Carpet
Pulled Away) (750iL)

X960 B+ Junction Post

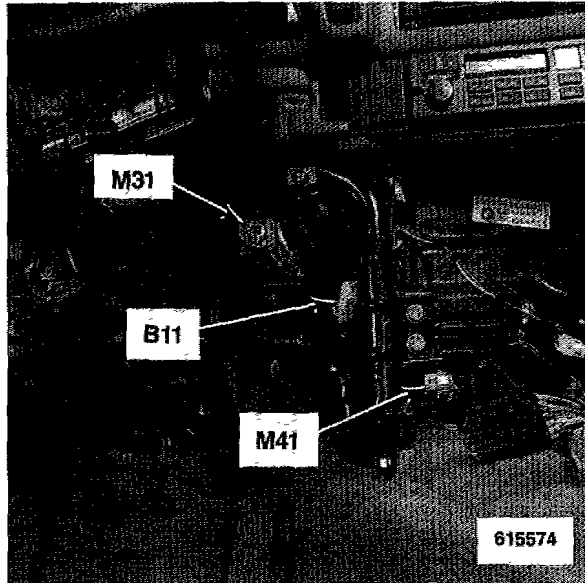


Figure 1- Below LH Center Of Dash

- B11** Left Heat Exchanger Temperature Sensor
- M31** Left Footwell Flap Motor
- M41** Rear Compartment Flap Motor

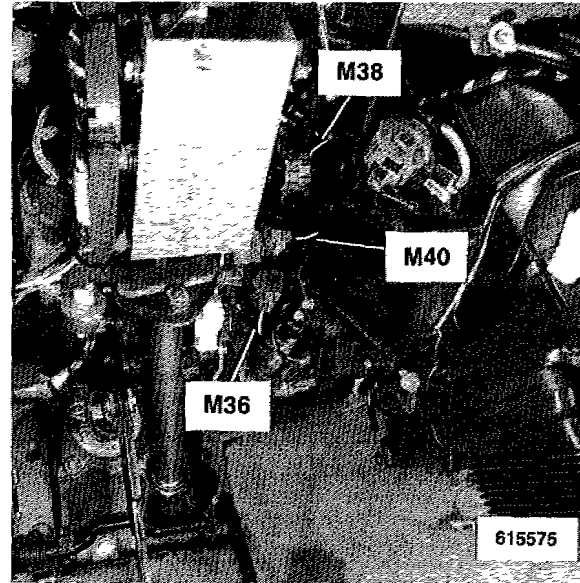


Figure 2- Below LH Side Of Dash, Right Of Steering Column

- M36** Fresh Air Flap Motor
- M38** Left Ventilation Flap Motor
- M40** Air Circulation Flap Motor

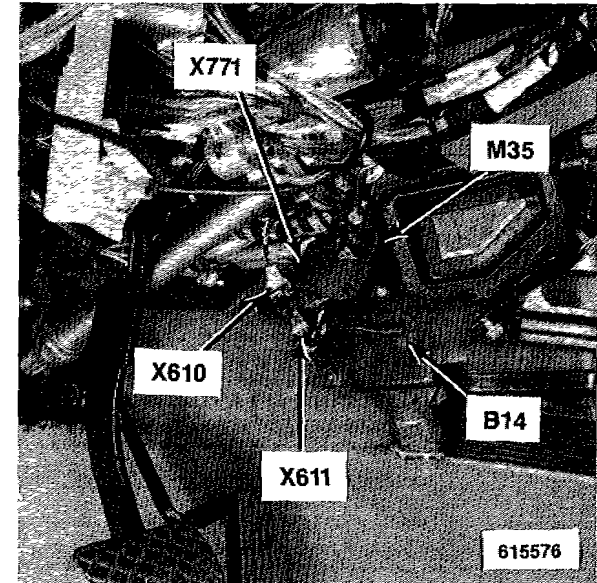


Figure 3- Below LH Side Of Dash, Right Of Steering Column

- B14** Evaporator Temperature Sensor
- M35** Defroster Flap Motor
- X610** Connector (26 pins) WS
- X611** Connector (26 pins) GN
- X771** Connector (2 pins) SW

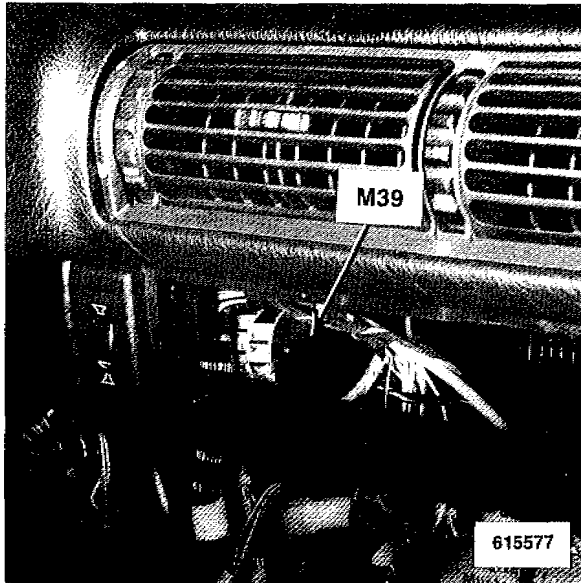


Figure 1- Center Of Dash (Radio Removed)

M39 Left Mixing Flap Motor

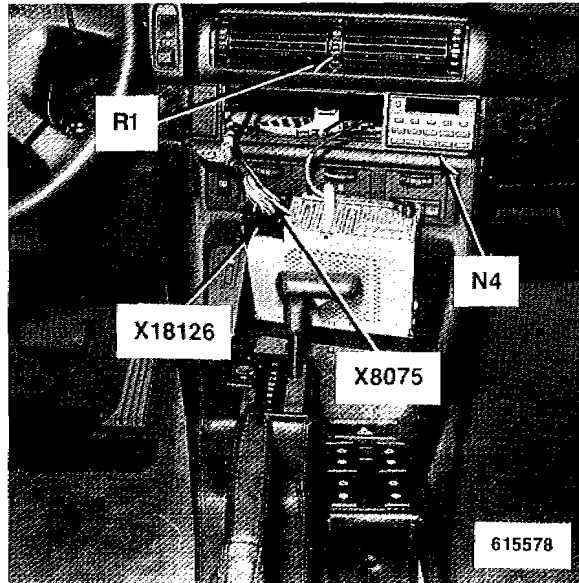


Figure 2- Center Of Dash

N4 On-Board Computer
R1 Temperature Distribution Potentiometer
X8075 Connector (13 pins) WS
X18126 Connector (17 pins) SW

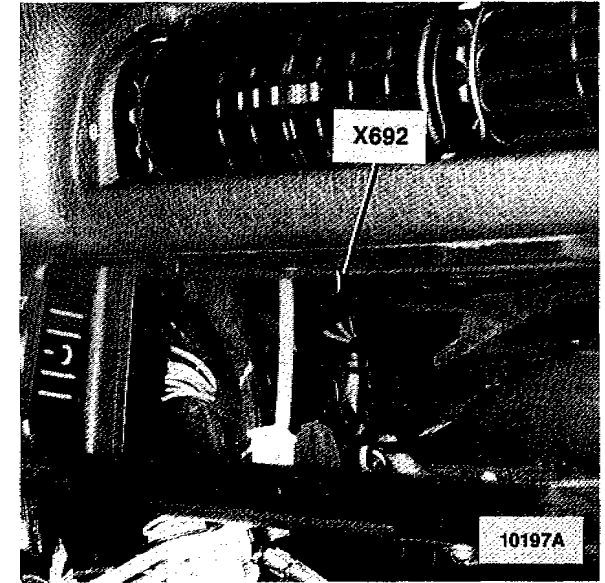


Figure 3- Center Of Dash (Radio Removed)

X692 Connector (3 pins) SW

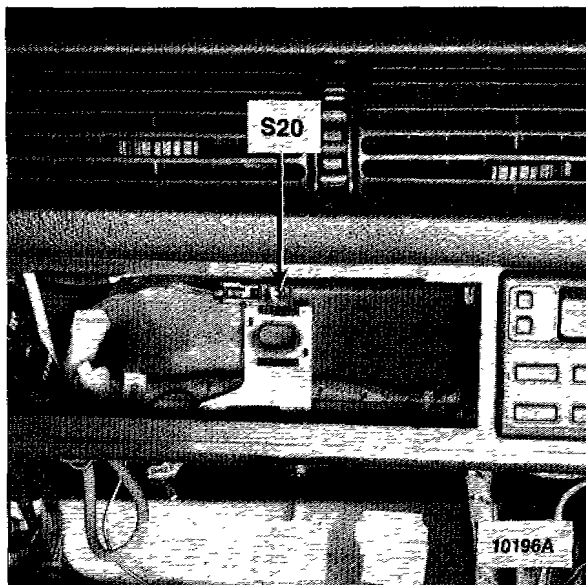


Figure 1- Center Of Dash (Radio Removed)

S20 Radio Antitheft Switch (DWA)

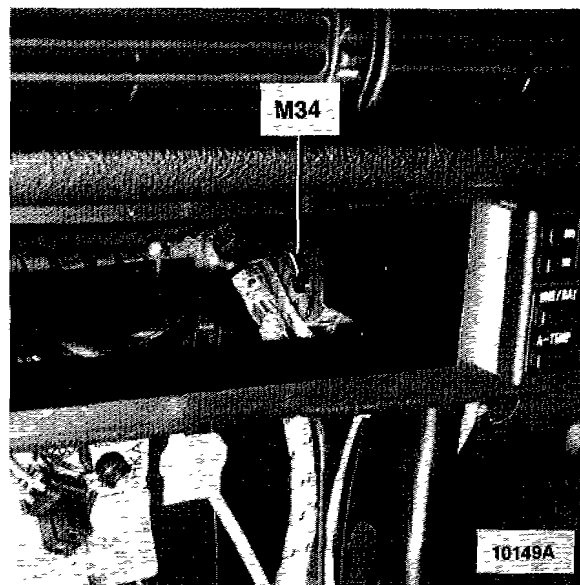


Figure 2- Center Of Dash (Radio Removed)

M34 Right Mixing Flap Motor

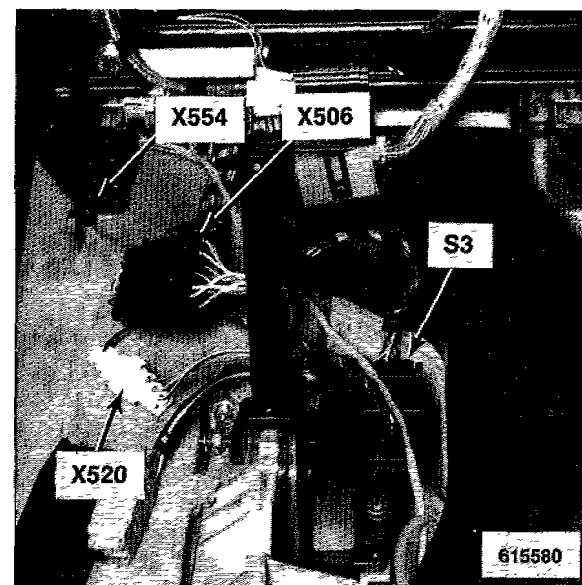


Figure 3- Below Center Console (Console Removed)

S3 Automatic Transmission Range Switch

X506 Connector (12 pins) SW

X520 Connector (3 pins) WS

X554 Connector (1 pins) SW



Figure 1- Center Of Center Console

X546 Connector (2 pins)

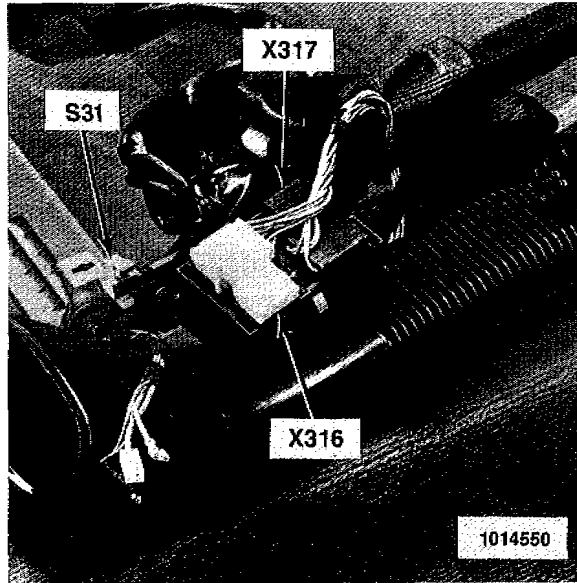


Figure 2- Below Rear Of Center Console
(Console Removed)

S31 Park Brake Switch
X316 Connector (6 pins) WS
X317 Connector (6 pins) SW

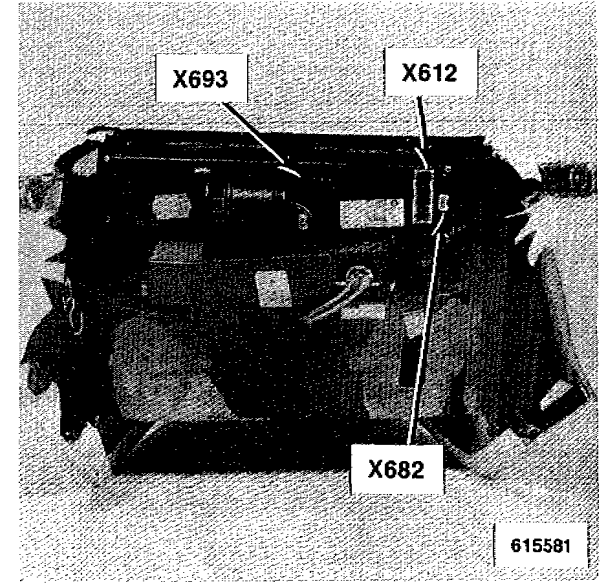


Figure 3- Front Of Center Console
(Removed)

X612 Connector (26 pins) BL
X682 Connector (3 pins) WS
X693 Connector (3 pins) SW

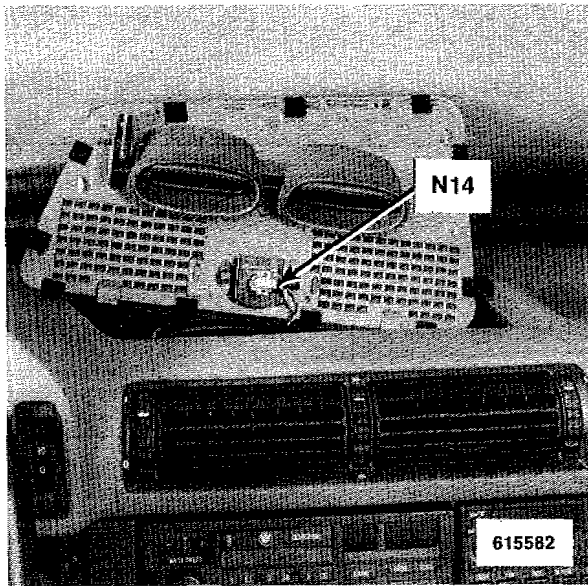


Figure 1- Top Center Of Dash (IHKA Outlet Grille Removed)

N14 Infra-Red Receiver

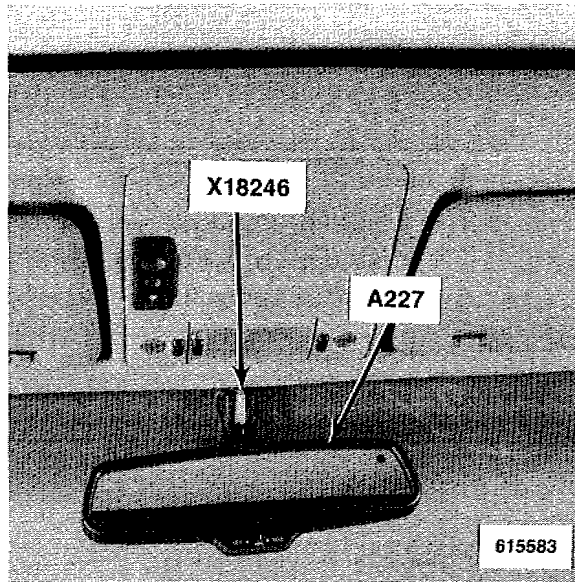


Figure 2- Center Of Windshield Header

A227 Electrochromic Mirror
X18246 Connector (3 pins) GE

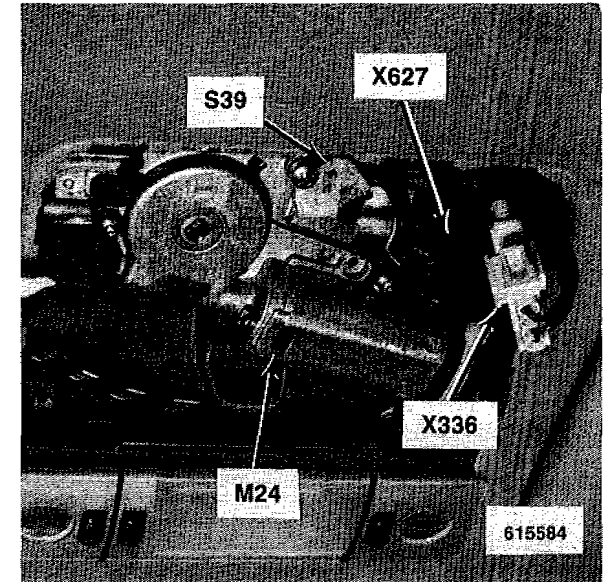


Figure 3- Center Of Windshield Header

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



COMPONENT LOCATION VIEWS

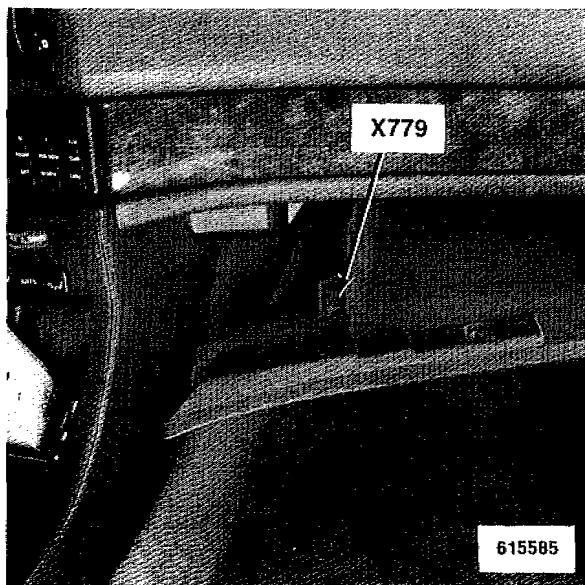


Figure 1- LH Side Of Glove Box

X779 Charging Plug

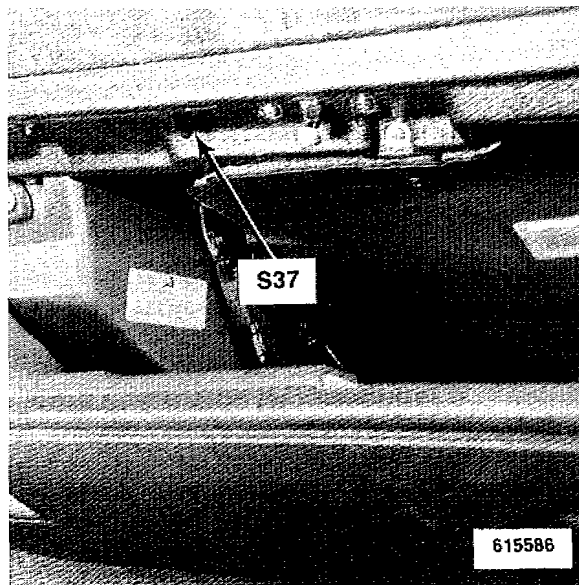


Figure 2- LH Side Of Glove Box

S37 Glove Box Light Switch

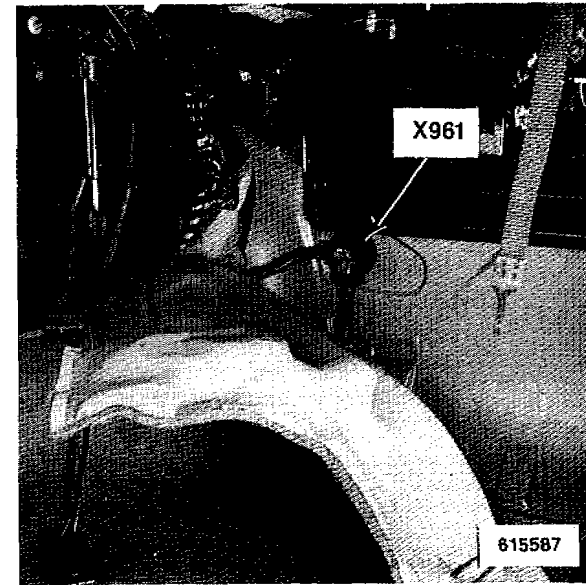


Figure 3- Below RH Side Of Dash (Carpet Pulled Back) (750iL)

X961 B+ Junction Post (Passenger Compartment Side)

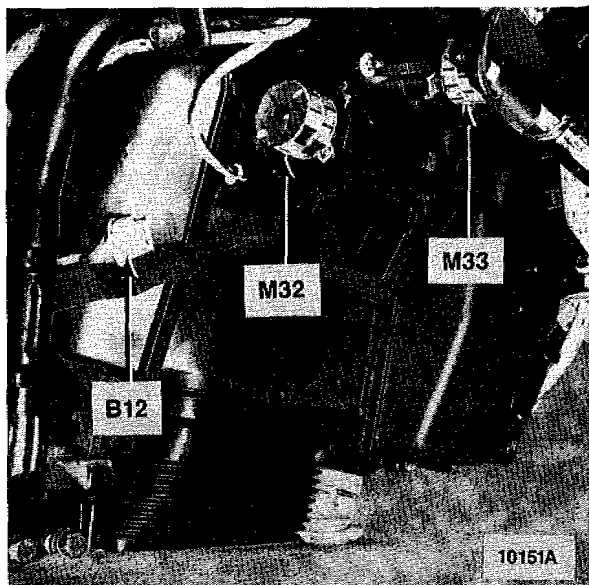


Figure 1- LH Side Of Passenger's Footwell

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

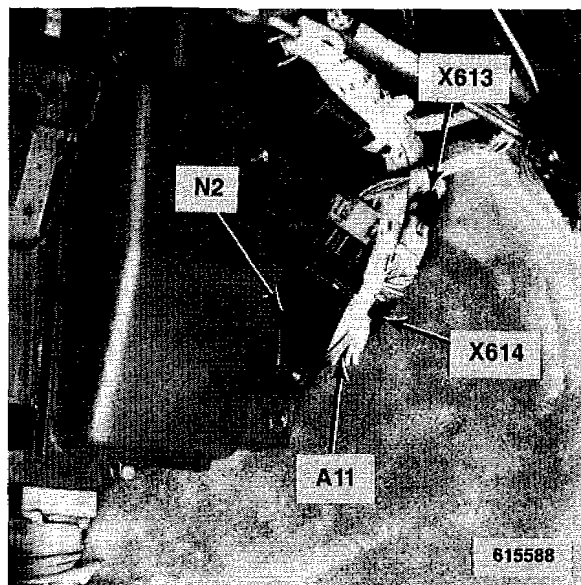


Figure 2- LH Side Of Passenger's Footwell

- A11** Automatic Heating and Air Conditioning Control Unit (IHKA)
- N2** Final Stage Unit
- X613** Connector (26 pins) BL
- X614** Connector (26 pins) GE

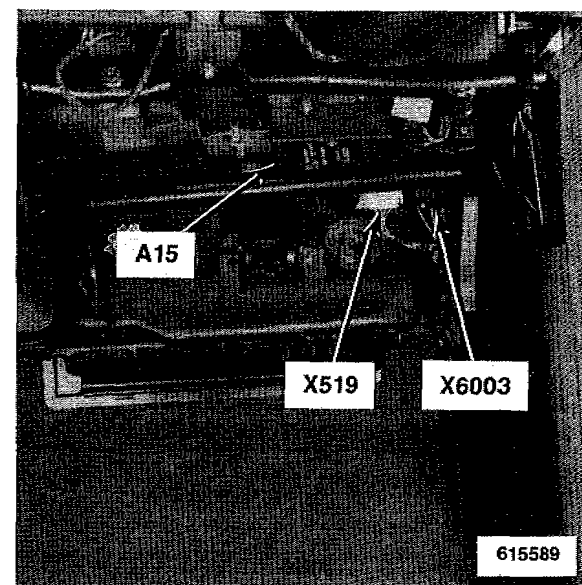


Figure 3- Above Glove Box

- A15** Park Ventilation Relay Box
- X519** Connector (4 pins) WS
- X6003** Connector (12 pins) SW

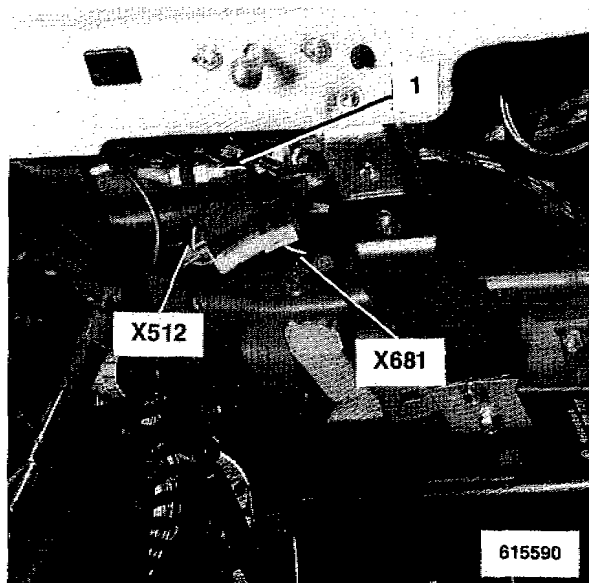


Figure 1- Above Glove Box

- 1 Diode
- X512 Connector (8 pins) SW
- X681 Connector (3 pins) WS

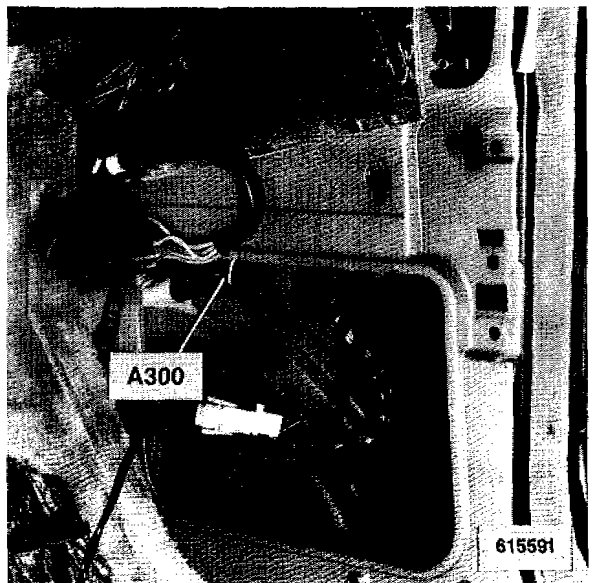


Figure 2- Behind RH Kick Panel

- A300 Electronic Transmission Control Unit (EGS)

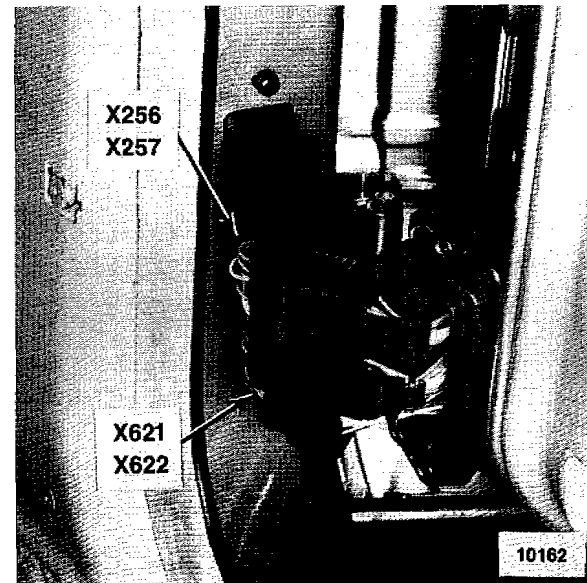


Figure 3- Front Of Passenger's Door Jamb (Driver's Similar)

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

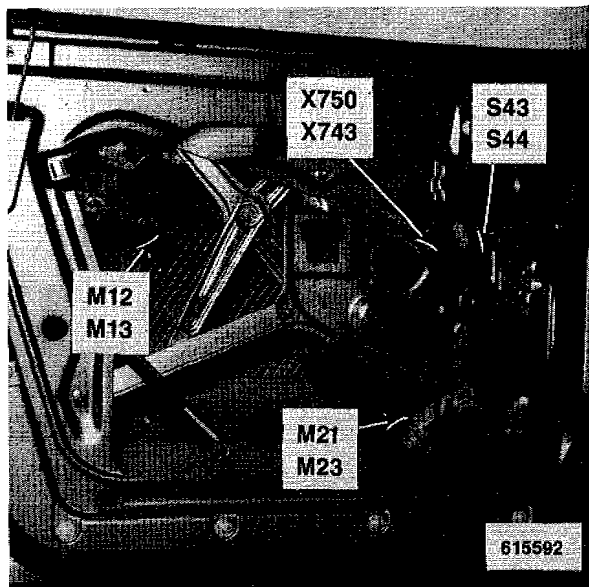


Figure 1- Behind Driver's Door Panel
(Passenger's Similar)

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

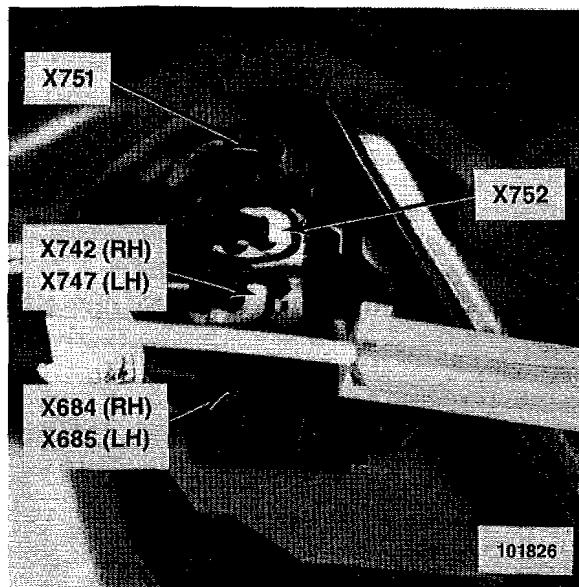


Figure 2- In Rear Of Driver's Door
(Passenger's Similar)

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

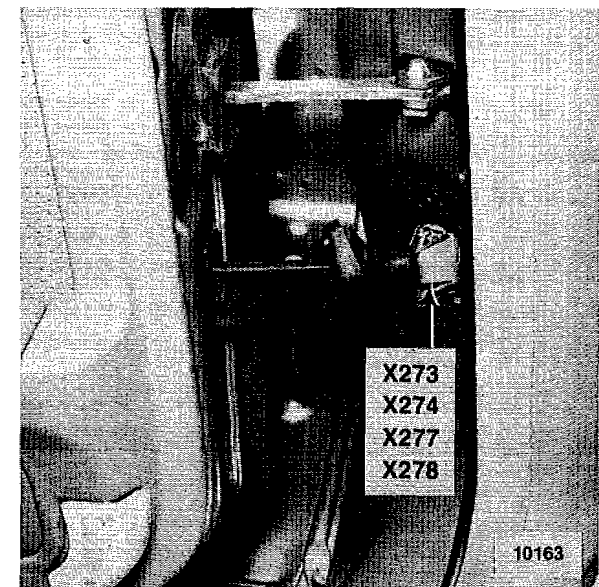


Figure 3- Front Of LH Rear Door Jamb
(RH Rear Similar)

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

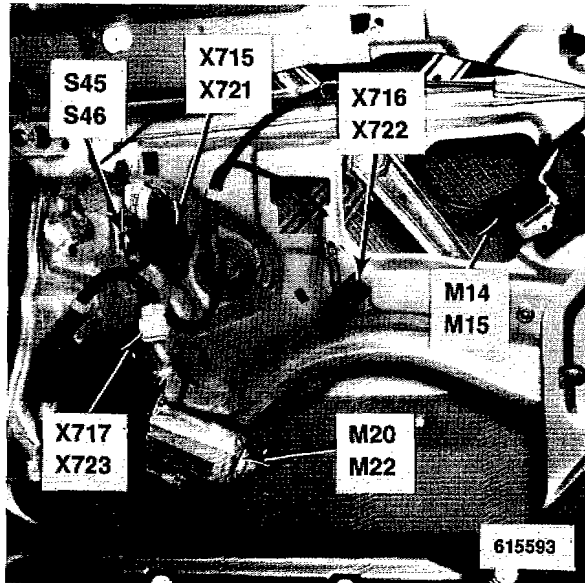


Figure 1- RH Rear Door (LH Rear Similar)

- M14** Right Rear Door Lock Motor
- M15** Left Rear Door Lock Motor
- M20** Left Rear Window Motor
- M22** Right Rear Window Motor
- S45** Left Rear Window Limit Switch
- S46** Right Rear Window Limit Switch
- X715** Connector (LH) (2 pins) SW
- X716** Connector (LH) (2 pins) SW
- X717** Connector (LH) (2 pins) SW
- X721** Connector (RH) (2 pins) SW
- X722** Connector (RH) (2 pins) SW
- X723** Connector (RH) (2 pins) WS

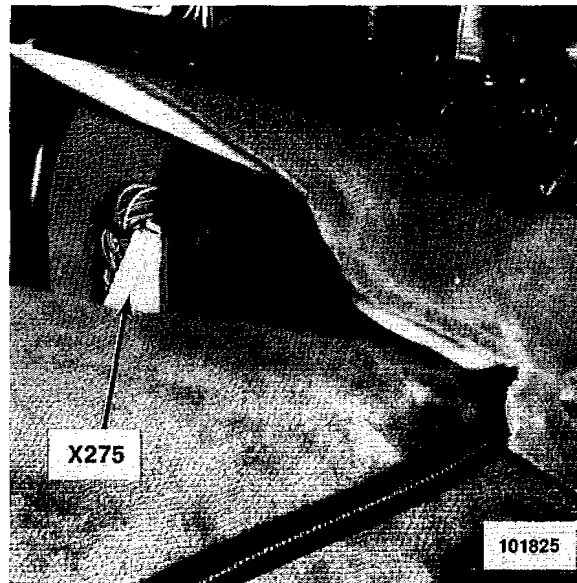


Figure 2- Below Driver's Seat (With Memory Seats)

- X275** Connector (12 pins) WS

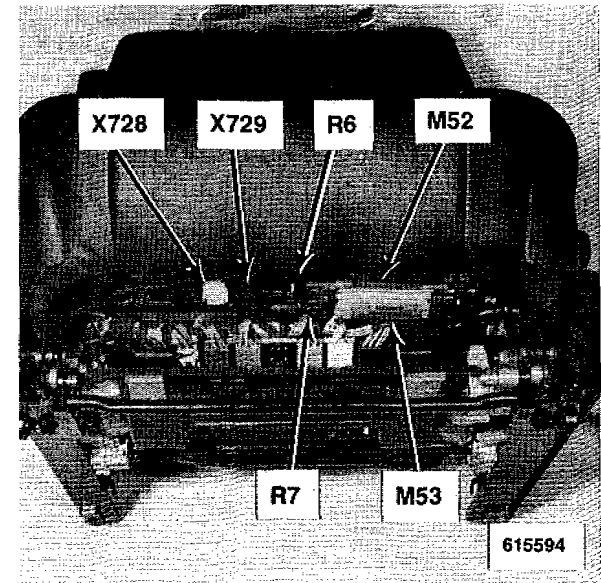
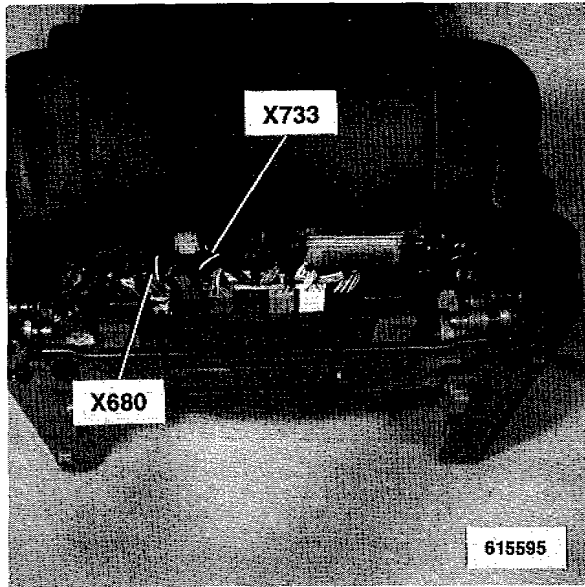
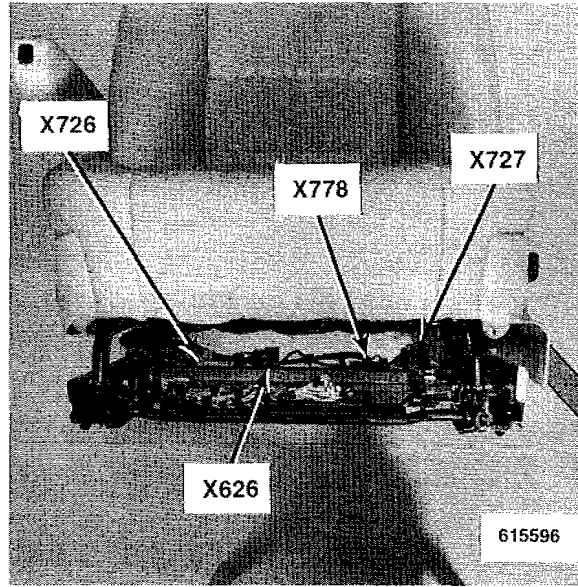


Figure 3- Under Front Of Driver's Seat

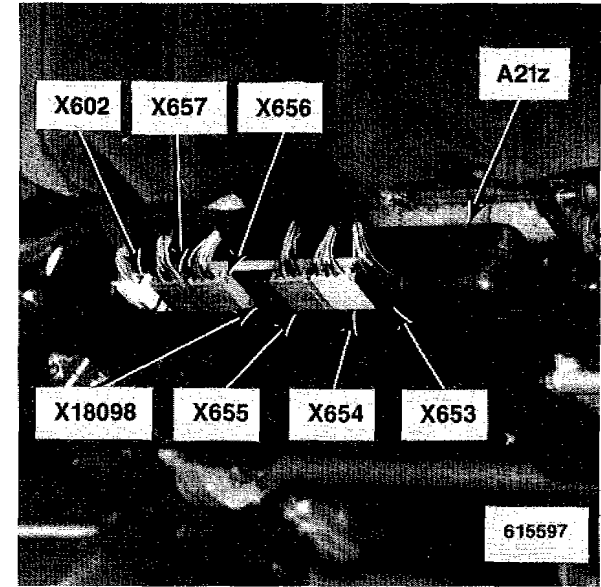
- M52** Driver's Seat Height Motor
- M53** Driver's Seatback Recliner Motor
- R6** Seat Height Potentiometer (BEHIND)
- R7** Seatback Potentiometer
- X728** Connector (2 pins) WS
- X729** Connector (2 pins) SW


Figure 1- Under Front Of Driver's Seat

- X680 Connector (3 pins) SW**
- X733 Connector (2 pins) WS**


Figure 2- Under Driver's Seat

- X626 Connector (12 pins) SW (With Memory Steering Column)**
- X626 Connector (8 pins) SW (Without Memory Steering Column)**
- X726 Connector (2 pins) WS**
- X727 Connector (2 pins) (SW)**
- X778 Connector (2 pins) SW**


Figure 3- Under Front Of Driver's Seat

- A21z Seat/Mirror/Steering Column Memory Control Module**
- 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**
- X18098 Connector (6 pins) GE**

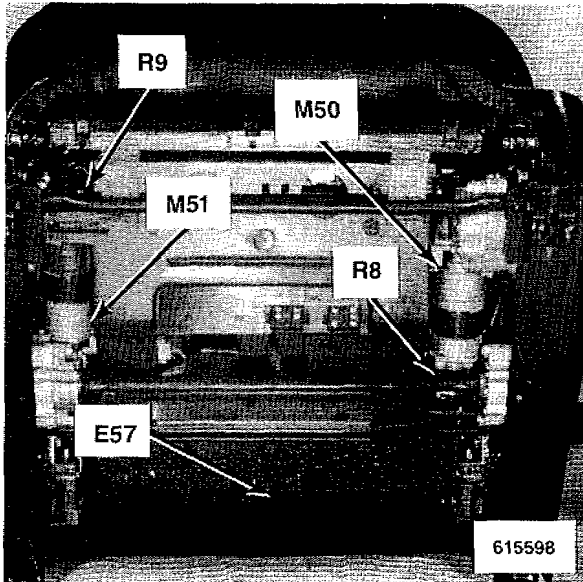


Figure 1- Under Driver's Seat

- E57 Driver's Seat Heater (Inside Seat)
- M50 Driver's Seat Cushion Tilt Motor
- M51 Driver's Seat Movement Motor
- R8 Seat Cushion Rear Height Potentiometer
- R9 Seat Cushion Movement Potentiometer

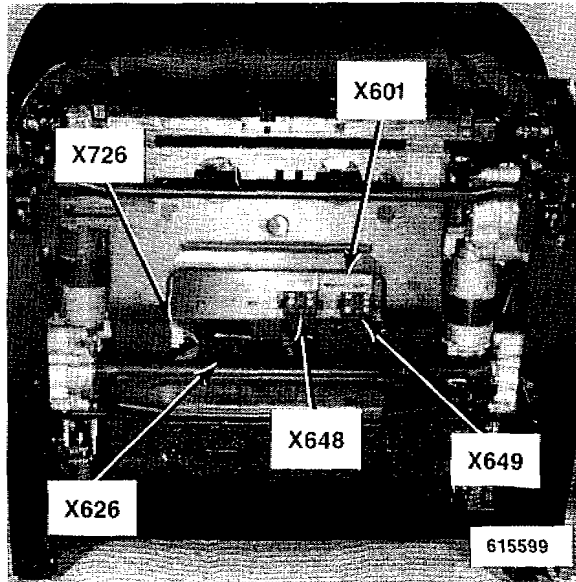


Figure 2- Under Driver's Seat

- X601 Connector (26 pins) GE
- X626 Connector (12 pins) SW (With Memory Steering Column)
- X626 Connector (8 pins) SW (Without Memory Steering Column)
- X648 Connector (6 pins) SW
- X649 Connector (6 pins) WS
- X726 Connector (2 pins) WS

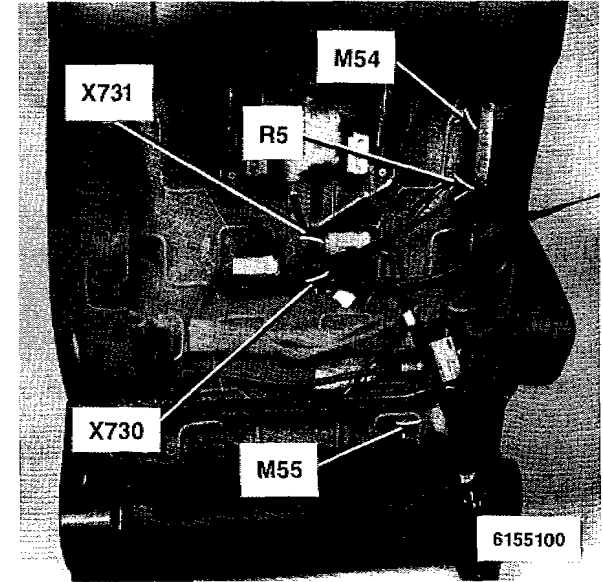


Figure 3- Inside Driver's Seatback

- M54 Driver's Headrest Motor
- M55 Driver's Seat Lumbar Support Motor
- R5 Headrest Potentiometer
- X730 Connector (2 pins) SW
- X731 Connector (2 pins) WS

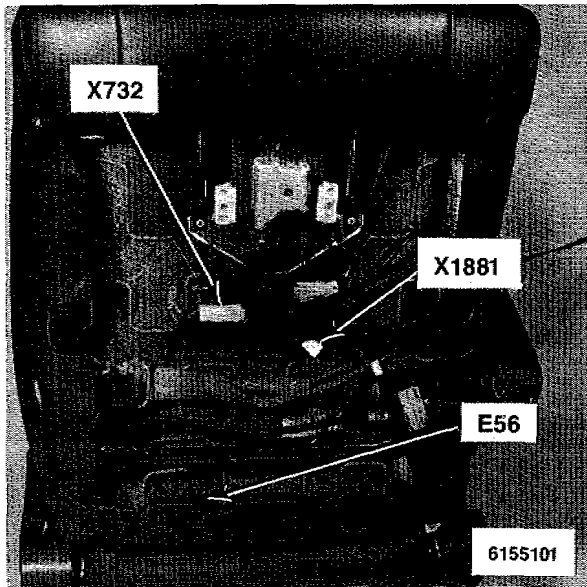


Figure 1- Inside Driver's Seatback

- E56** Driver's Seatback Heater (Inside Seatback)
- X732** Connector (2 pins) WS
- X1881** Connector (2 pins) WS

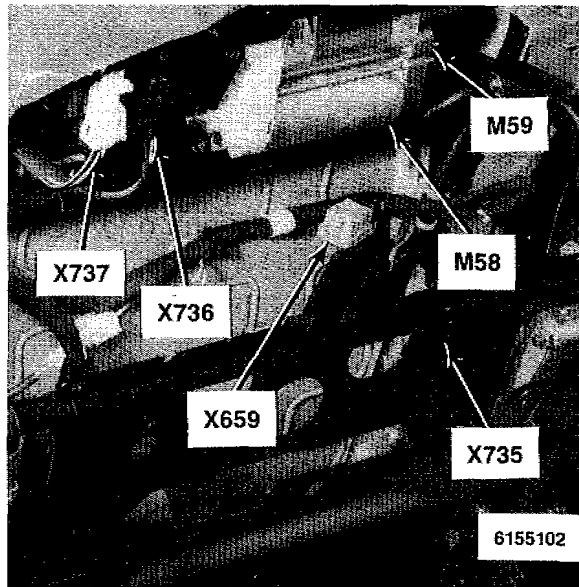


Figure 2- Under Front Of Passenger's Seat

- M58** Passenger's Seatback Recliner Motor
- M59** Passenger's Seat Height Motor
- X659** Connector (6 pins) BL
- X735** Connector (2 pins) SW
- X736** Connector (2 pins) SW
- X737** Connector (2 pins) WS

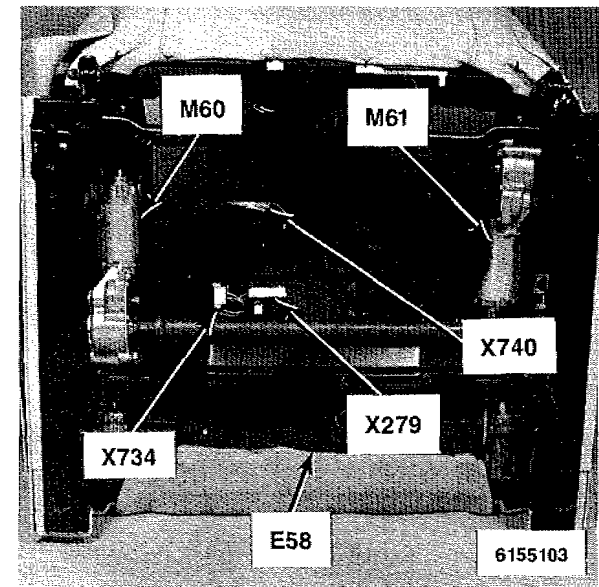


Figure 3- Under Passenger's Seat

- E58** Passenger's Seat Heater (Inside Seat)
- M60** Passenger's Seat Movement Motor
- M61** Passenger's Seat Cushion Tilt Motor
- X279** Connector (12 pins) WS
- X734** Connector (2 pins) WS
- X740** Connector (2 pins) WS

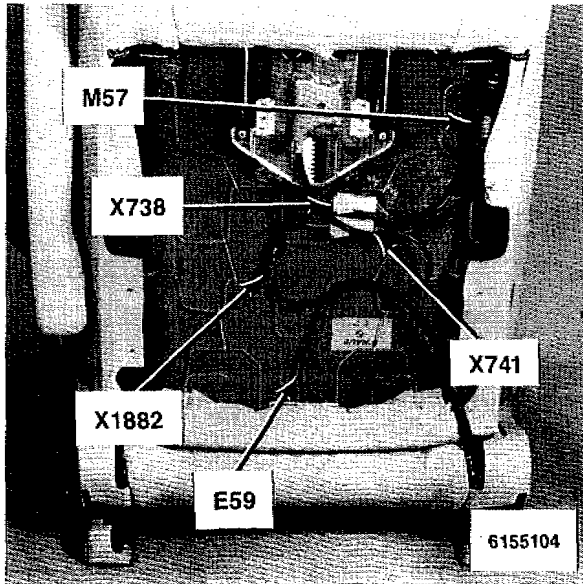


Figure 1- Inside Passenger's Seat Back

- E59 Passenger's Seatback Heater (Inside Seatback)**
- M57 Passenger's Seat Headrest Motor**
- X738 Connector (2 pins) WS**
- X741 Connector (2 pins) WS**
- X1882 Connector (2 pins) SW**

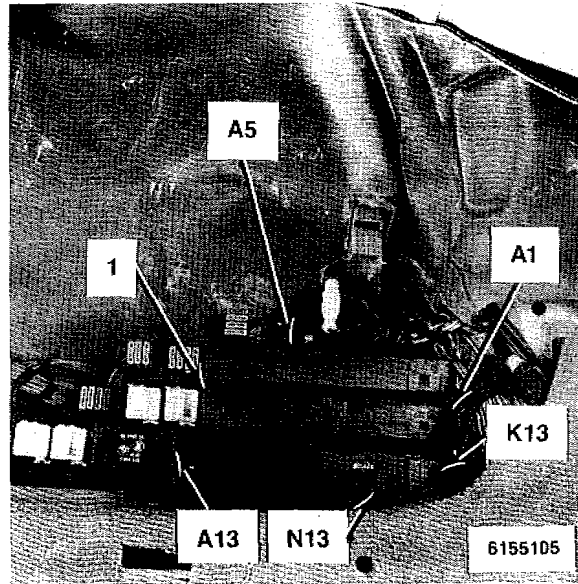


Figure 2- Below LH Side Of Rear Seat (750iL Shown; 735i/735iL Similar)

- 1 Rear Power Distribution Box**
- A1 General Module**
- A5 Relay Module**
- A13 Rear Headrest Control Unit**
- K13 Rear Defogger Relay**
- N13 Infra-Red Locking Control Unit**

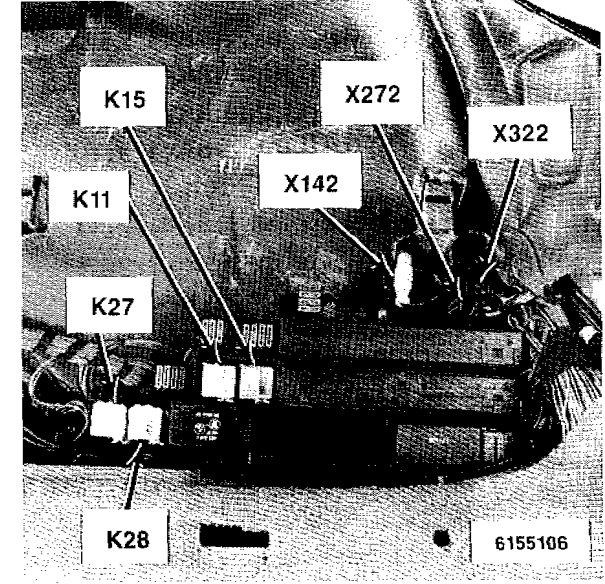
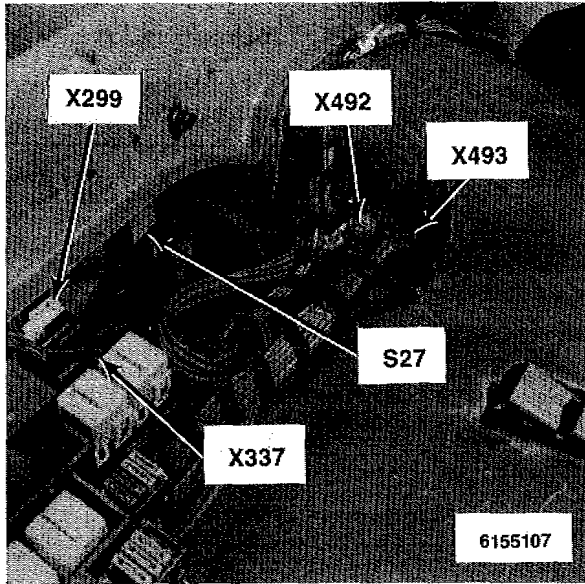


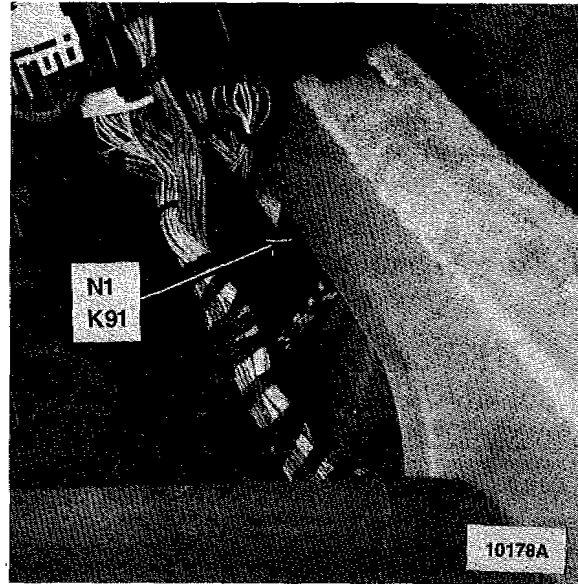
Figure 3- Below LH Side Of Rear Seat (750iL Shown; 735i/735iL Similar)

- K11 Wiper Relay**
- K15 Electric Power Protection Relay**
- K27 Left Rear Seat Heating/Position Relay**
- K28 Right Rear Seat Heating/Position Relay**
- X142 Connector (2 pins) WS**
- X272 Connector (12 pins) SW**
- X322 Connector (8 pins) SW**



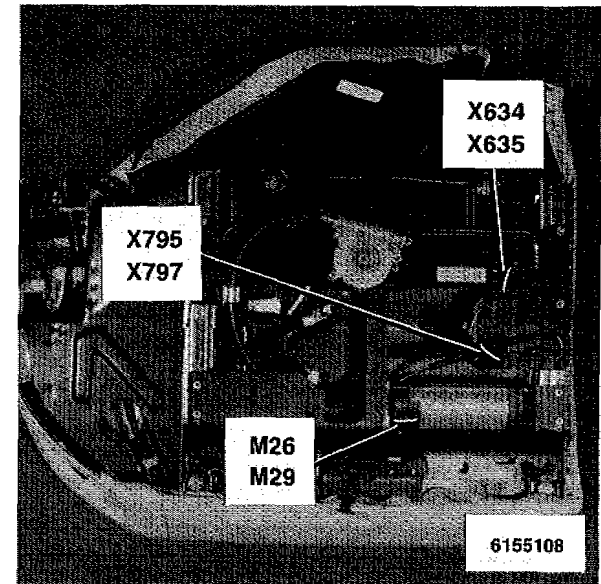
**Figure 1- Below LH Side Of Rear Seat
(750iL Shown; 735i/735iL
Similar)**

- S27** Inertia Switch
- X299** Connector (6 pins) WS
- X337** Connector (8 pins) SW
- X492** Ground
- X493** Ground



**Figure 2- Below LH Side Of Rear Seat
(Rear Power Distribution Box
Removed)**

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



**Figure 3- Underside Of LH Rear Seat (RH
Rear Similar) (Removed)**

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

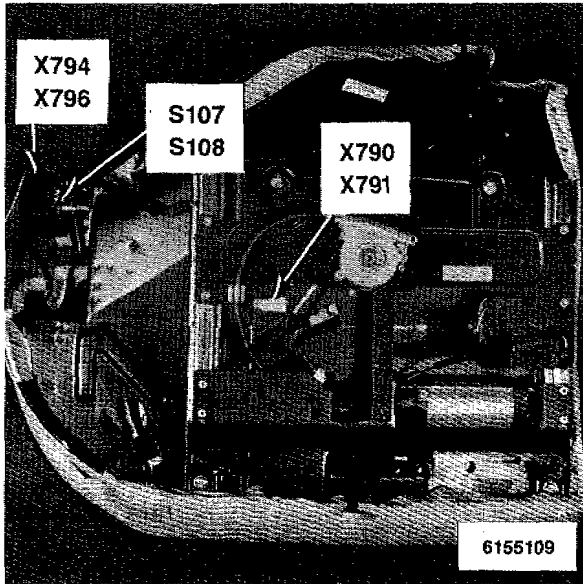


Figure 1- Underside Of LH Rear Seat (RH Rear Similar) (Removed)

- S107 Left Rear Seat Belt Contact**
- S108 Right Rear Seat Belt Contact**
- X790 Connector (LH) (2 pins) WS**
- X791 Connector (RH) (2 pins) WS**
- X794 Connector (LH) (2 pins) SW**
- X796 Connector (RH) (2 pins) SW**

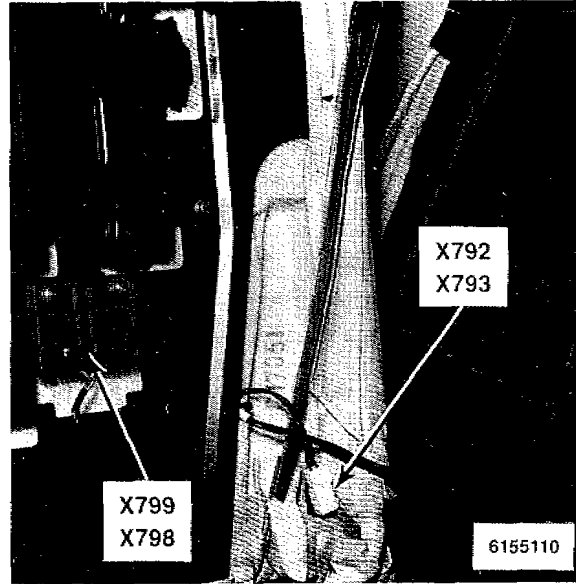


Figure 2- Rear Of LH Rear Seatback (RH Rear Similar)

- X792 Connector (LH) (2 pins) WS**
- X793 Connector (RH) (2 pins) WS**
- X798 Connector (RH) (2 pins) SW**
- X799 Connector (LH) (2 pins) SW**

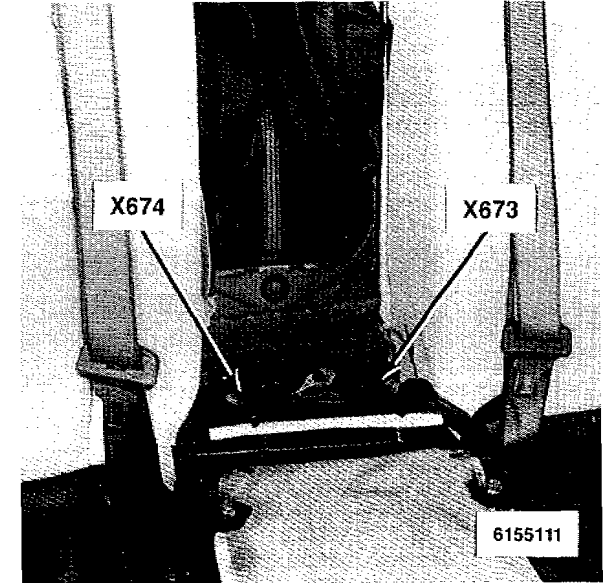


Figure 3- Center Of Rear Seat

- X673 Connector (4 pins) SW**
- X674 Connector (4 pins) SW**

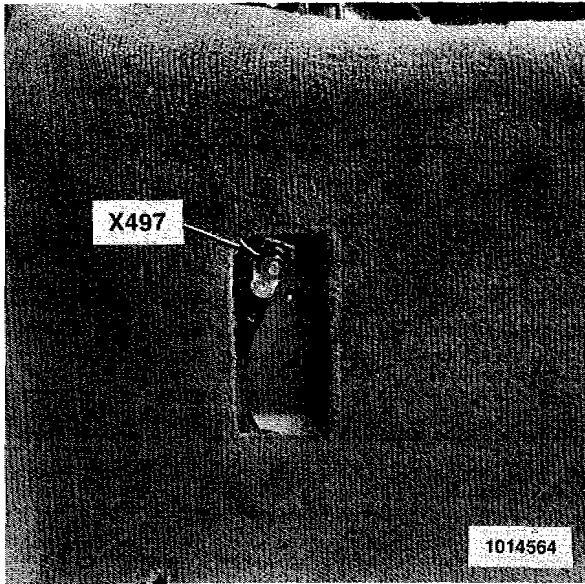


Figure 1- Ahead Of RH Side Of Rear Seat
X497 Ground (Battery)

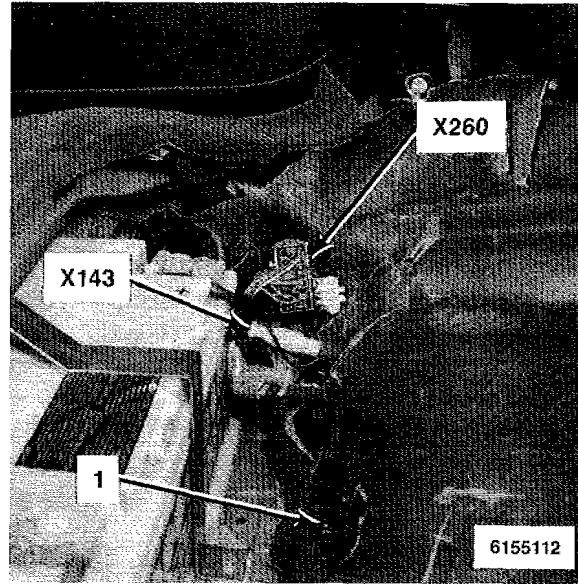


Figure 2- Below RH Side Of Rear Seat
1 Fusible Link B (80A)
X143 Connector (2 pins) WS
X260 Connector (21 pins) SW

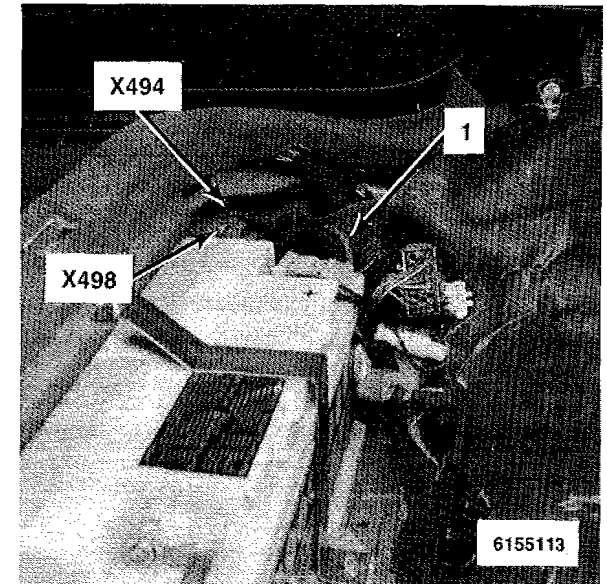


Figure 3- Below RH Side Of Rear Seat
1 Fusible Link A (50A) RT
X494 Ground
X498 Ground



COMPONENT LOCATION VIEWS

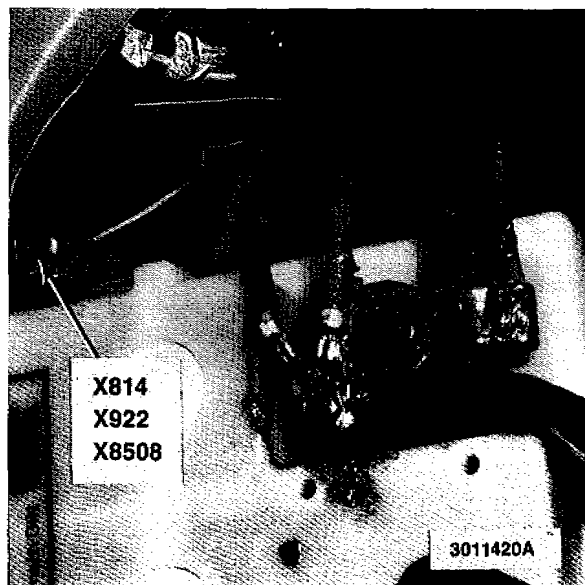


Figure 1- Below RH Side Of Rear Seat

X814 Ground
X922 Ground
X8508 Ground

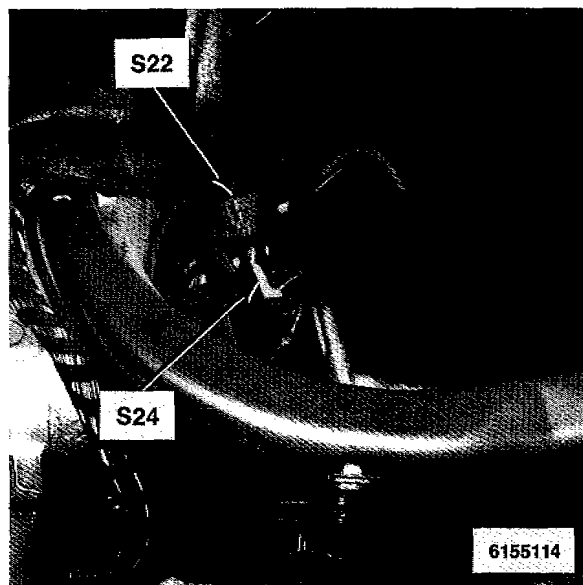


Figure 2- Below RH Side Of Rear Seat

S22 Battery Switch
S24 Rear Seat Switch

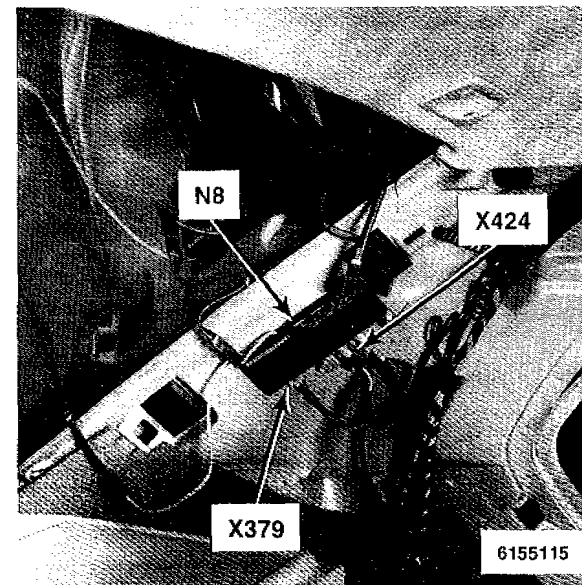


Figure 3- In LH "C" Pillar

N8 Antenna Amplifier
X379 Connector (1 pin) SW
X424 Connector (1 pin) BR

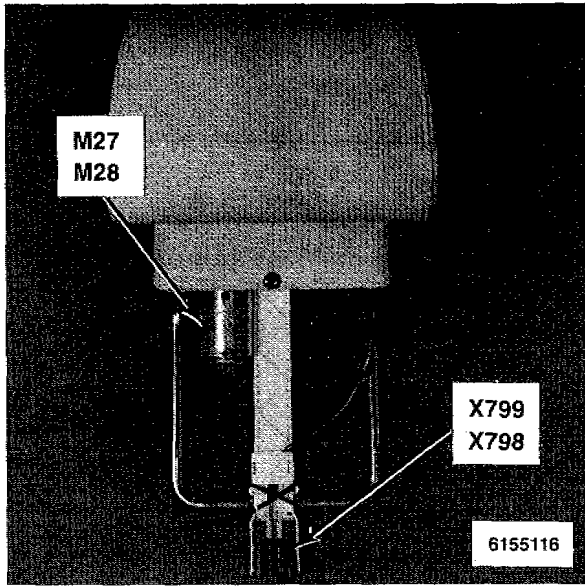


Figure 1- LH Rear Headrest (RH Rear Similar) (Removed)

- M27** Left Rear Headrest Motor
- M28** Right Rear Headrest Motor
- X798** Connector (RH) (2 pins) SW
- X799** Connector (LH) (2 pins) SW

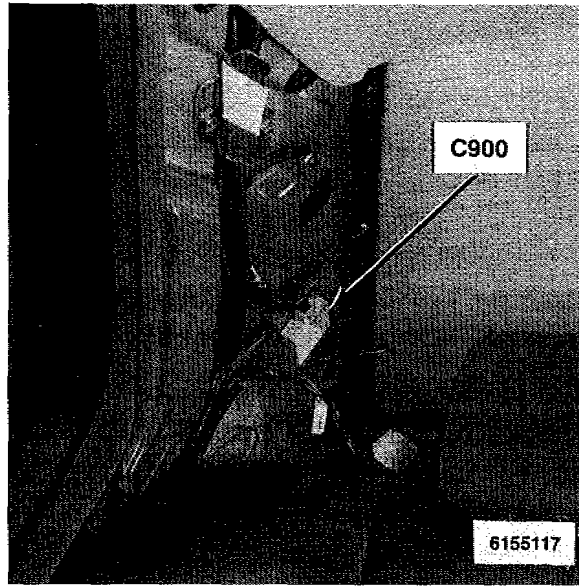


Figure 2- In RH "C" Pillar

- C900** Defogger Coupler

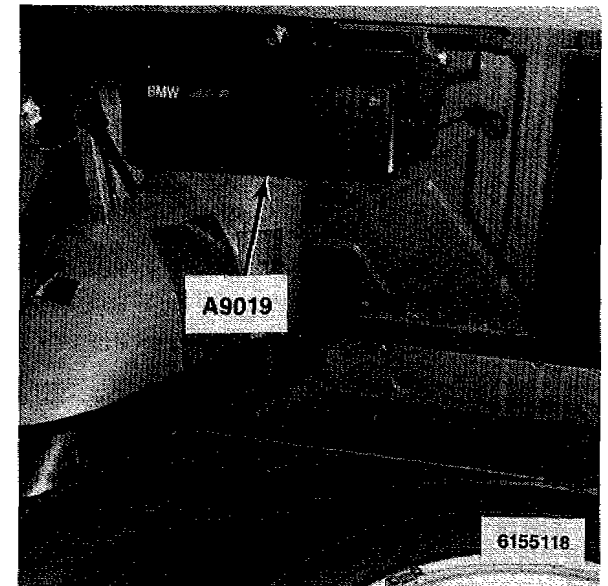


Figure 3- LH Front Of Luggage Compartment

- A9019** CD Changer

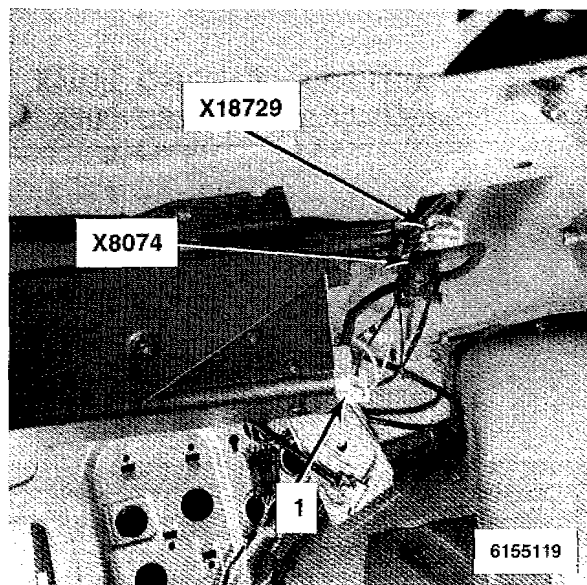


Figure 1- LH Front Of Luggage Compartment

- 1 FD 3A
- X8074 Connector (14 pins) SW
- X18729 Connector (3 pins) WS

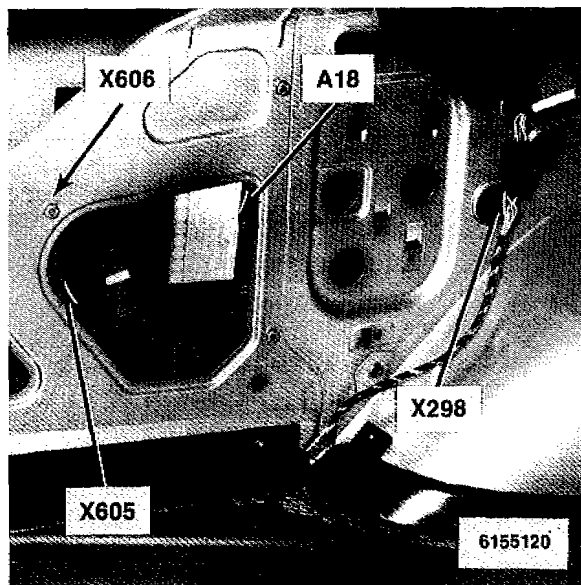


Figure 2- LH Side Of Luggage Compartment

- A18 HIFI Amplifier
- X298 Connector (8 pins) SW
- X605 Connector (12 pins) SW
- X606 Connector (12 pins) WS (Behind Panel)

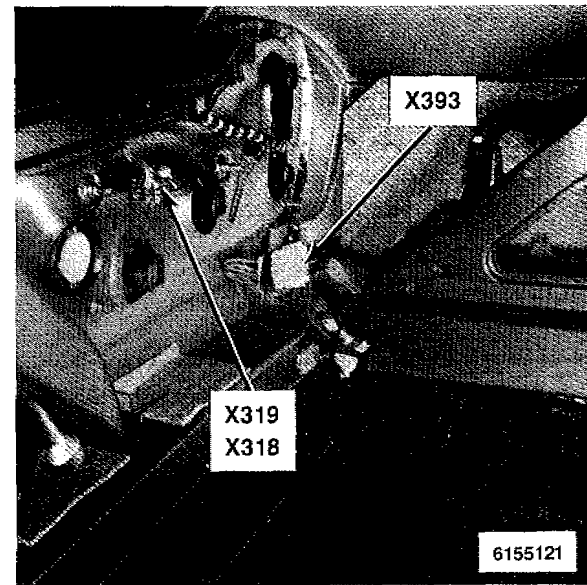


Figure 3- LH Rear Corner Of Luggage Compartment (RH Rear Similar)

- X318 Connector (RH) (6 pins) SW
- X319 Connector (LH) (6 pins) SW
- X393 Connector (6 pins) WS

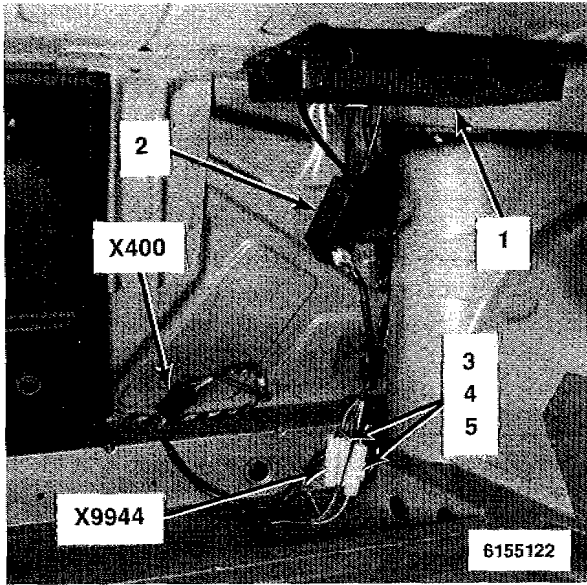


Figure 1- RH Front Of Luggage Compartment

- 1 Phone Transceiver
- 2 Mute Accessory Module
- 3 FA 5A
- 4 FB 100mA
- 5 FC 5A
- X400 Connector (8 pins) SW
- X9944 Connector (1 pin) SW

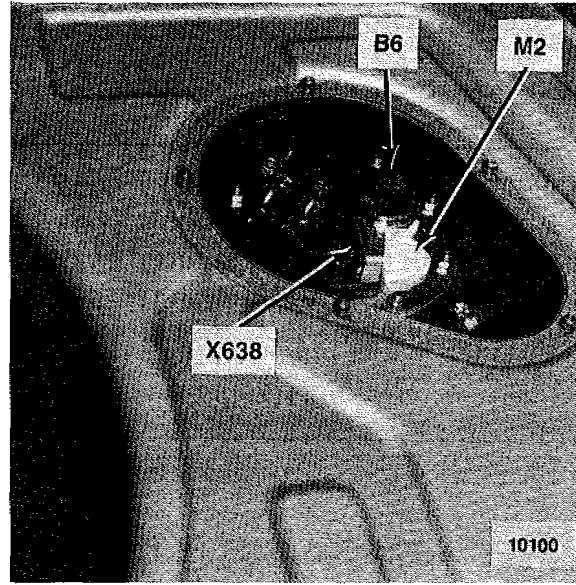


Figure 2- RH Side Of Luggage Compartment

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

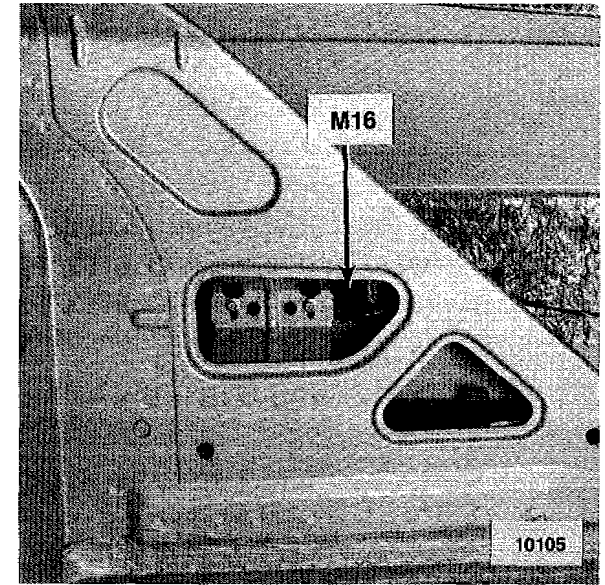


Figure 3- RH Side Of Luggage Compartment

- M16 Gas Filler Lock Motor



COMPONENT LOCATION VIEWS

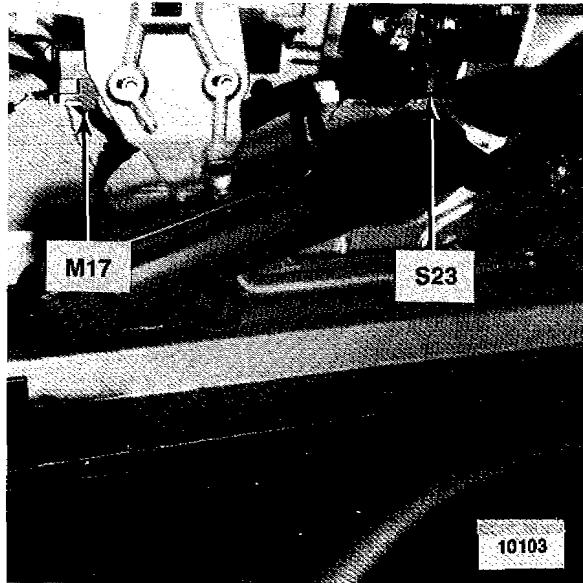


Figure 1- In Luggage Compartment, On Rear Panel

M17 Trunk Lock Motor
S23 Trunk Lock Switch (DWA)

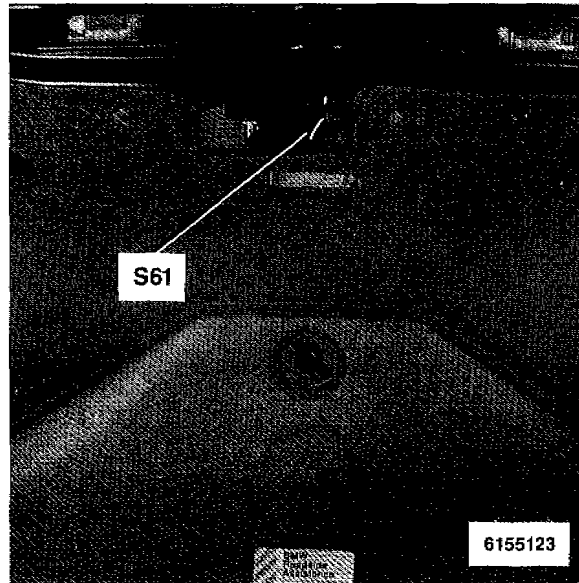


Figure 2- Center Rear Of Trunk Lid

S61 Trunk Lid Switch



SPLICE LOCATION VIEWS

SPLICE LOCATION INDEX

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

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

| SPLICE | HARNESS | PAGE NUMBER | SPLICE | HARNESS | PAGE NUMBER |
|-----------|-----------------------|-------------|-------------|-----------------------|-------------|
| X145 | FRONT | 8000-02 | X597 | INSTRUMENT MAN TRANS | 8000-05 |
| X181-X193 | FRONT | 8000-02 | X824-X830 | RADIO/HIFI/CD | NOT SHOWN |
| X195-X206 | FRONT | 8000-02 | X831 | SUNROOF | NOT SHOWN |
| X208-X210 | FRONT | 8000-02 | X832 | TRAILER ADAPT | NOT SHOWN |
| X212-X215 | FRONT | 8000-02 | X833 | TRUNK | NOT SHOWN |
| X217 | FRONT | 8000-02 | X834 | LH REAR DOOR | NOT SHOWN |
| X222-X228 | FRONT | 8000-02 | X835 | RH REAR DOOR | NOT SHOWN |
| X241-X247 | FRONT | 8000-02 | X836 | DRIVER SEAT | NOT SHOWN |
| X430-X433 | REAR | 8000-07 | X837-X838 | REAR SEAT HEATING | NOT SHOWN |
| X437-X439 | REAR | 8000-07 | X839-X843 | DRIVER SEAT | NOT SHOWN |
| X441-X470 | REAR | 8000-07 | X844-X847 | PASSENGER SEAT | NOT SHOWN |
| X473 | REAR | 8000-07 | X848-X851 | DRIVER DOOR | NOT SHOWN |
| X475-X477 | REAR | 8000-06 | X852-X855 | IHKA | 8000-08 |
| X481-X483 | REAR | 8000-07 | X857-X859 | IHKA | 8000-08 |
| X485-X486 | REAR | 8000-07 | X863 | PASSENGER DOOR | NOT SHOWN |
| X488-X489 | REAR | 8000-07 | X866-X868 | REAR SEAT HEATING | NOT SHOWN |
| X561-X567 | INSTRUMENT AUTO TRANS | 8000-06 | X878 | RADIO/HIFI/CD | NOT SHOWN |
| X569-X577 | INSTRUMENT AUTO TRANS | 8000-06 | X1007 | FRONT | 8000-02 |
| X569-X572 | INSTRUMENT MAN TRANS | 8000-05 | X1008-X1009 | FRONT | 8000-02 |
| X574-X577 | INSTRUMENT MAN TRANS | 8000-05 | X1022 | FRONT | 8000-02 |
| X580 | INSTRUMENT AUTO TRANS | 8000-06 | X1023 | FRONT | 8000-02 |
| X580 | INSTRUMENT MAN TRANS | 8000-05 | X1033 | FRONT | 8000-02 |
| X581 | INSTRUMENT AUTO TRANS | 8000-06 | X1086 | FRONT | 8000-02 |
| X581 | INSTRUMENT MAN TRANS | 8000-05 | X1159 | FRONT | 8000-02 |
| X584 | INSTRUMENT AUTO TRANS | 8000-06 | X1248 | REAR | 8000-07 |
| X584 | INSTRUMENT MAN TRANS | 8000-05 | X1362 | REAR | 8000-07 |
| X597 | INSTRUMENT AUTO TRANS | 8000-06 | X2972 | INSTRUMENT AUTO TRANS | 8000-06 |



SPLICE LOCATION VIEWS

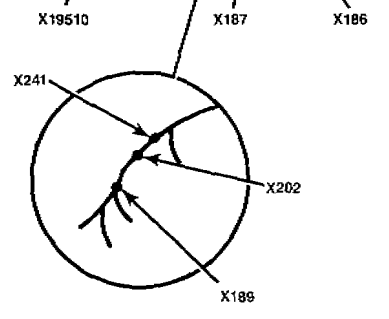
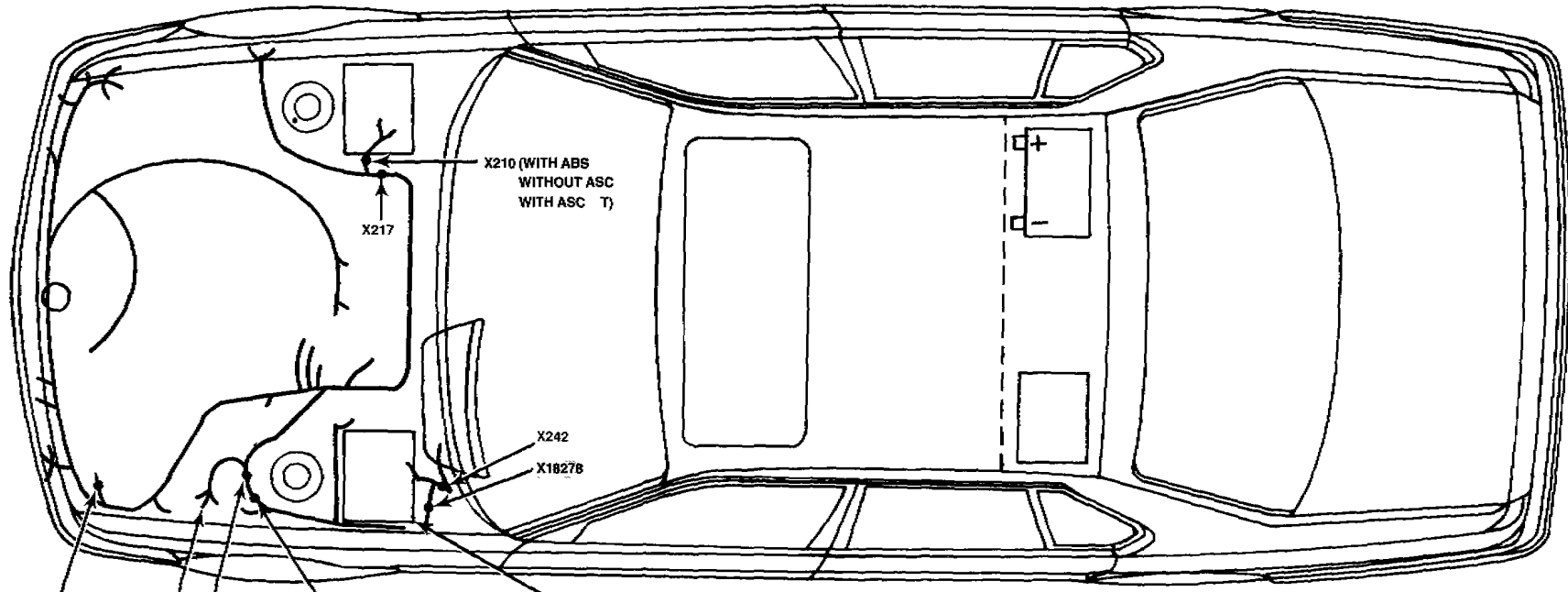
SPLICE LOCATION INDEX

| SPLICE | HARNESS | PAGE NUMBER | SPLICE | HARNESS | PAGE NUMBER |
|-------------|------------|-------------|---------------|---------------|-------------|
| X6410 | M30 ENGINE | 8000-03 | X6866 | M70 ENGINE | 8000-04 |
| X6410-X6412 | M70 ENGINE | 8000-04 | X6867 | M30 ENGINE | 8000-03 |
| X6416 | M70 ENGINE | 8000-04 | X6871 | M30 ENGINE | 8000-03 |
| X6460-X6469 | M70 ENGINE | 8000-04 | X6880 | M30 ENGINE | 8000-03 |
| X6470-X6472 | M30 ENGINE | 8000-03 | X6884 | M30 ENGINE | 8000-03 |
| X6474 | M30 ENGINE | 8000-03 | X6887-X6890 | M70 ENGINE | 8000-04 |
| X6490 | M30 ENGINE | 8000-03 | X8002 | M70 ENGINE | 8000-04 |
| X6490 | M70 ENGINE | 8000-04 | X8003 | M70 ENGINE | 8000-04 |
| X6491 | M30 ENGINE | 8000-03 | X8004 | M30 ENGINE | 8000-03 |
| X6491 | M70 ENGINE | 8000-04 | X8007-X8009 | M70 ENGINE | 8000-04 |
| X6800 | M30 ENGINE | 8000-03 | X8011 | M70 ENGINE | 8000-04 |
| X6801 | M70 ENGINE | 8000-04 | X8013 | M70 ENGINE | 8000-04 |
| X6802 | M70 ENGINE | 8000-04 | X8015 | M70 ENGINE | 8000-04 |
| X6810 | M30 ENGINE | 8000-03 | X8021 | M70 ENGINE | 8000-04 |
| X6810 | M70 ENGINE | 8000-04 | X8024 | M70 ENGINE | 8000-04 |
| X6820 | M30 ENGINE | 8000-03 | X8026-X8029 | M70 ENGINE | 8000-04 |
| X6821 | M30 ENGINE | 8000-03 | X8032 | M70 ENGINE | 8000-04 |
| X6821-X6825 | M70 ENGINE | 8000-04 | X8036 | M70 ENGINE | 8000-04 |
| X6824 | M30 ENGINE | 8000-03 | X8040 | M70 ENGINE | 8000-04 |
| X6832 | M30 ENGINE | 8000-03 | X8044-X8047 | M70 ENGINE | 8000-04 |
| X6832 | M70 ENGINE | 8000-04 | X8067 | M70 ENGINE | 8000-04 |
| X6833 | M70 ENGINE | 8000-04 | X10086 | FRONT | 8000-02 |
| X6835 | M70 ENGINE | 8000-04 | X13023 | REAR | 8000-07 |
| X6850 | M30 ENGINE | 8000-03 | X13024 | REAR | 8000-07 |
| X6851 | M70 ENGINE | 8000-04 | X13035 | REAR | 8000-07 |
| X6852 | M70 ENGINE | 8000-04 | X13036 | REAR | 8000-07 |
| X6855 | M30 ENGINE | 8000-03 | X18726-X18728 | RADIO/HIFI/CD | NOT SHOWN |
| X6856 | M70 ENGINE | 8000-04 | X19507 | FRONT | 8000-02 |
| X6857 | M70 ENGINE | 8000-04 | X19508 | FRONT | 8000-02 |
| X6860 | M70 ENGINE | 8000-04 | | | |
| X6861 | M30 ENGINE | 8000-03 | | | |
| X6863 | M70 ENGINE | 8000-04 | | | |
| X6864 | M30 ENGINE | 8000-03 | | | |



SPLICE LOCATION VIEWS

FRONT HARNESS



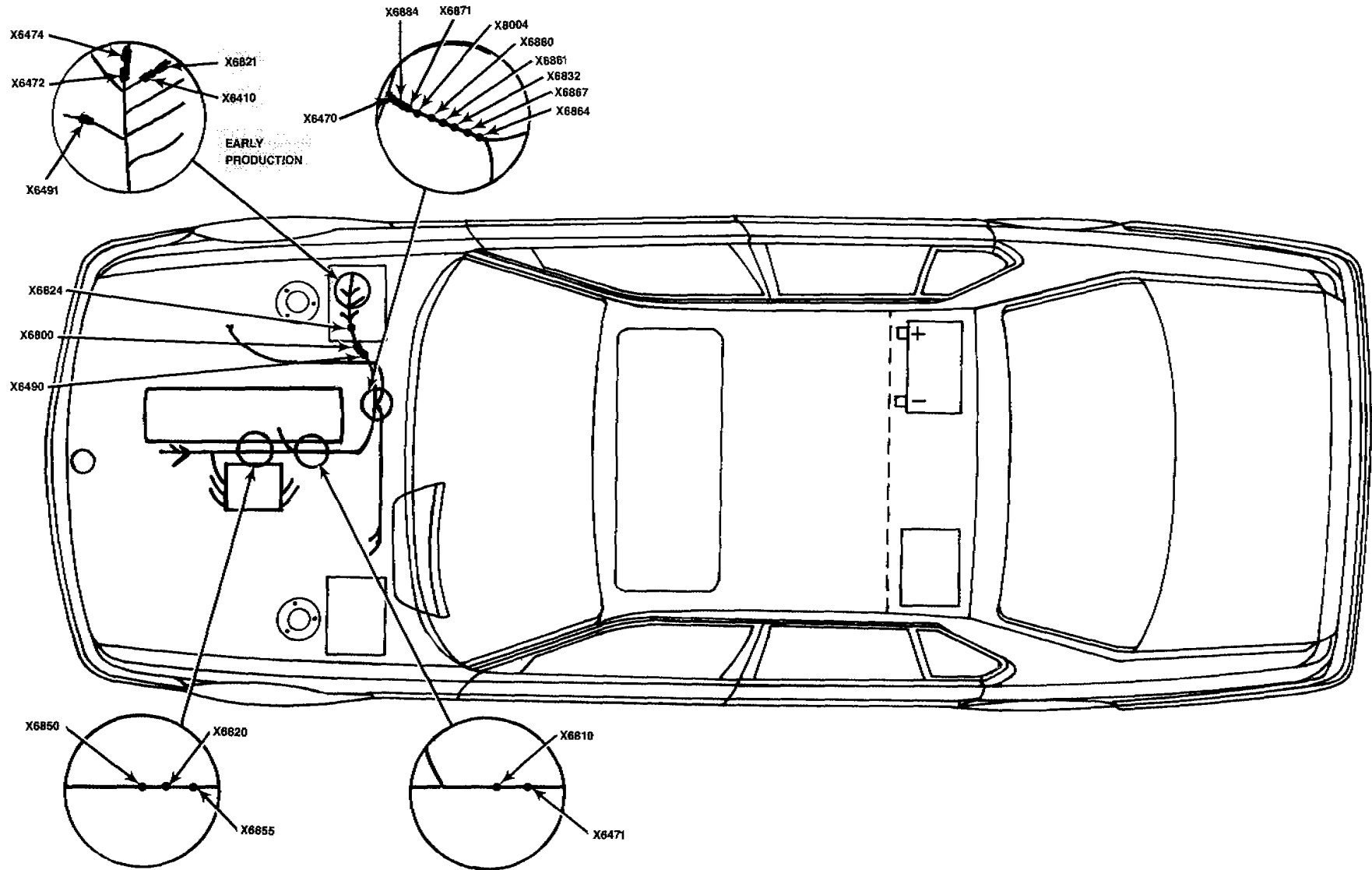
| | | |
|--------------|----------------|-------------------|
| X181 * | X1086 * | X195 |
| X1008 | X214 | X234 * |
| X182 | X228 | X10086 |
| X183 | X244 | X210 * (with ASC) |
| X184 | X227 | X222 |
| X185 | X225 | X212 * |
| X190 | X204 | X224 |
| X188 * | X205 | X213 |
| X191 * | X199 | X1023 * |
| X192 * | X206 | X223 |
| X193 * | X226 | X209 * |
| X246 | X203 * | X208 |
| X145 (750iL) | X19507 (750iL) | X243 * |
| X245 (750iL) | X198 | X1022 |
| X247 | X1007 | X200 |
| | X1009 * | X201 |
| | | X197 |
| | | X215 |
| | | X196 |
| | | X1033 |
| | | X19508 (750iL) |
| | | X1159 |

LATE PRODUCTION



SPLICE LOCATION VIEWS M30 ENGINE HARNESS

735i, 735iL

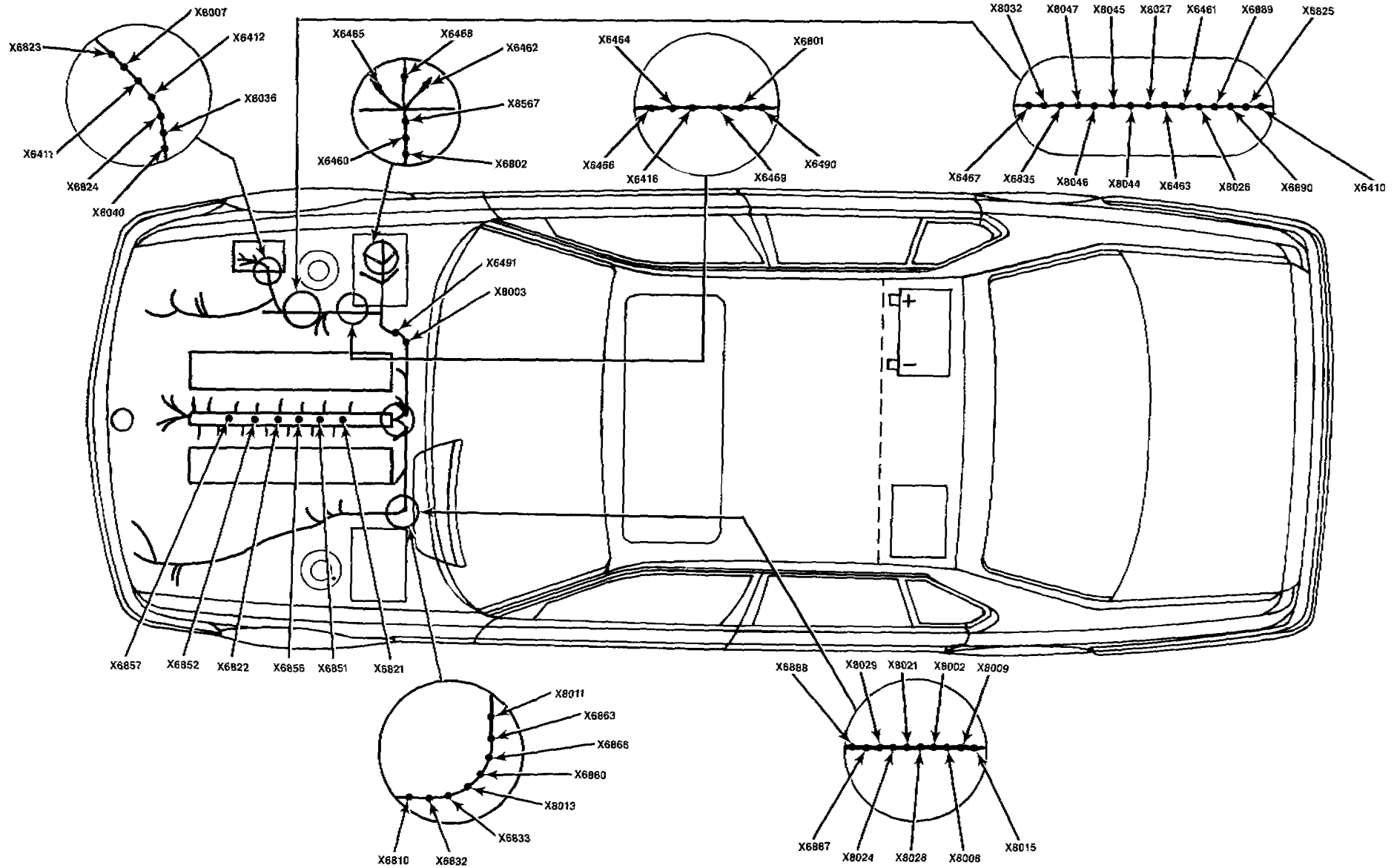




SPLICE LOCATION VIEWS

M70 ENGINE HARNESS

750iL



10/90

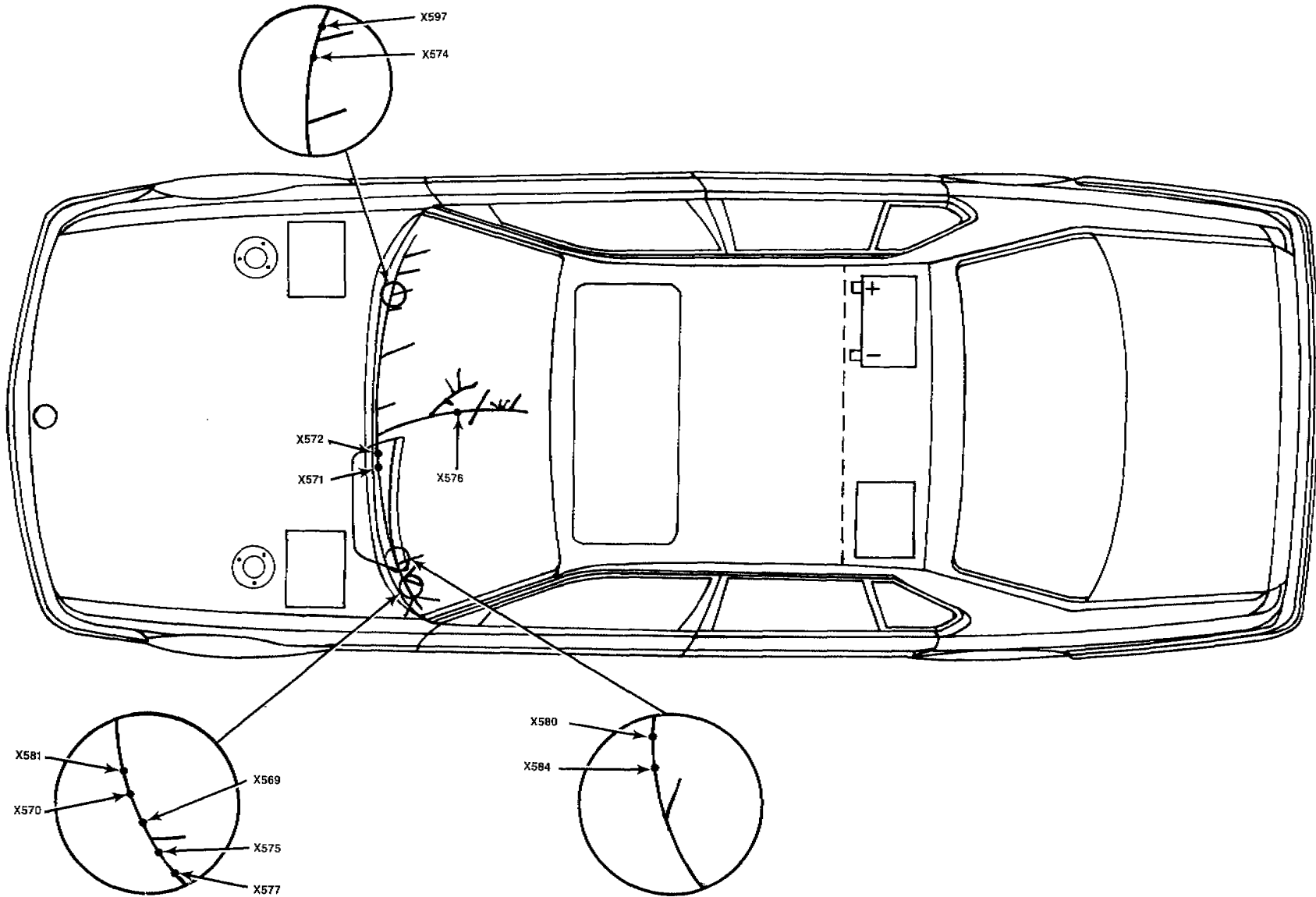
8000-04

1991



SPLICE LOCATION VIEWS INSTRUMENT HARNESS

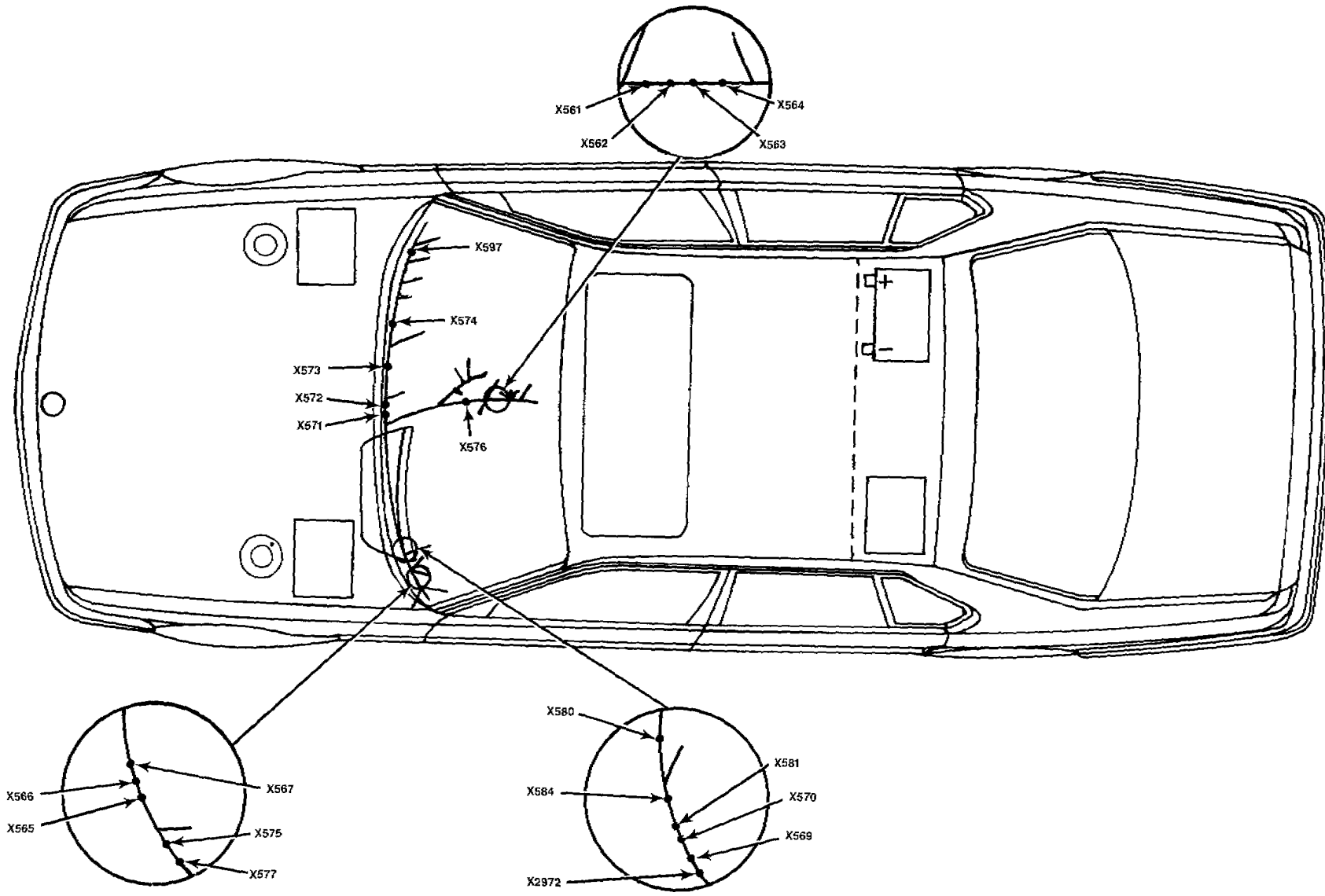
MANUAL TRANSMISSION





SPLICE LOCATION VIEWS INSTRUMENT HARNESS

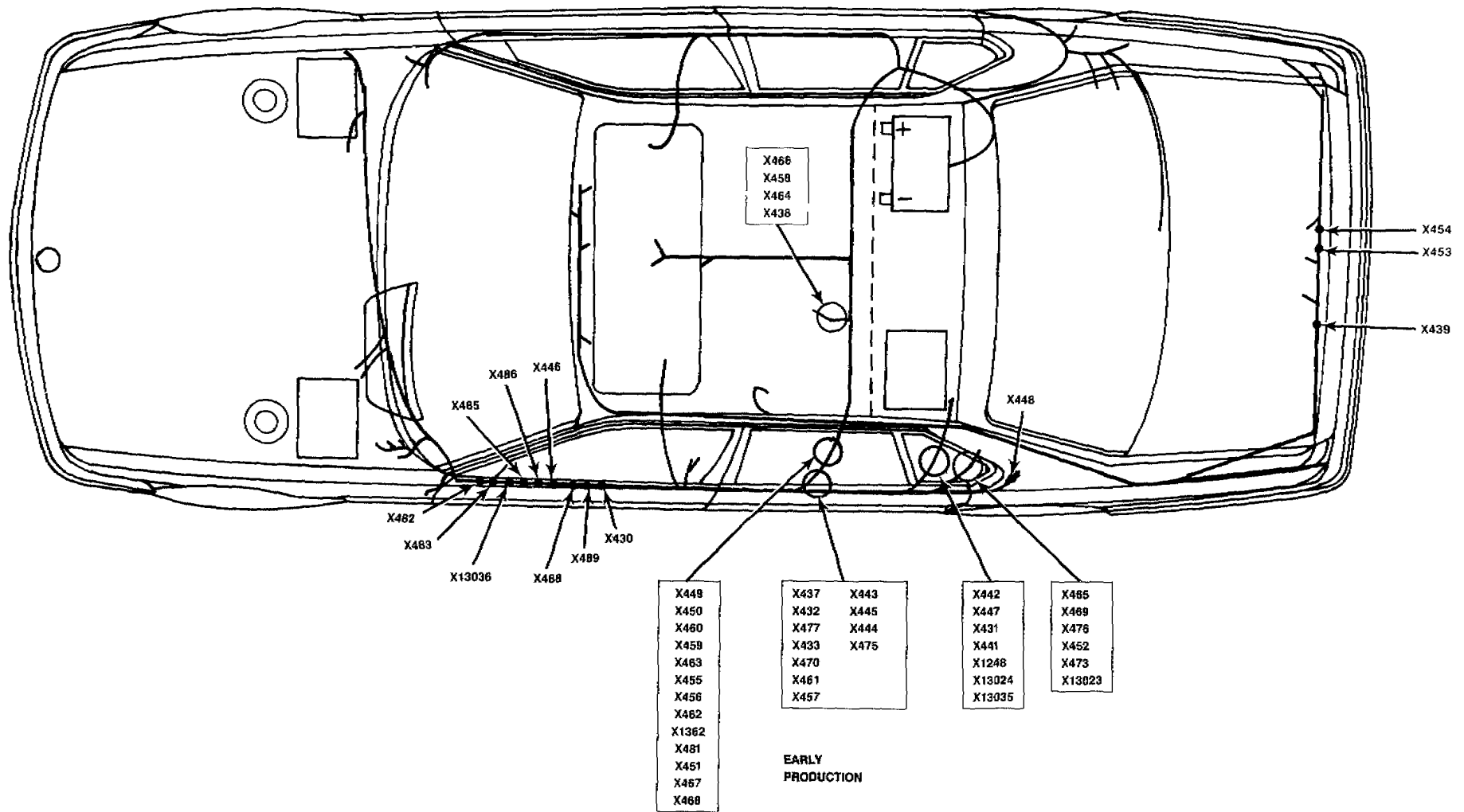
AUTOMATIC TRANSMISSION





SPLICE LOCATION VIEWS

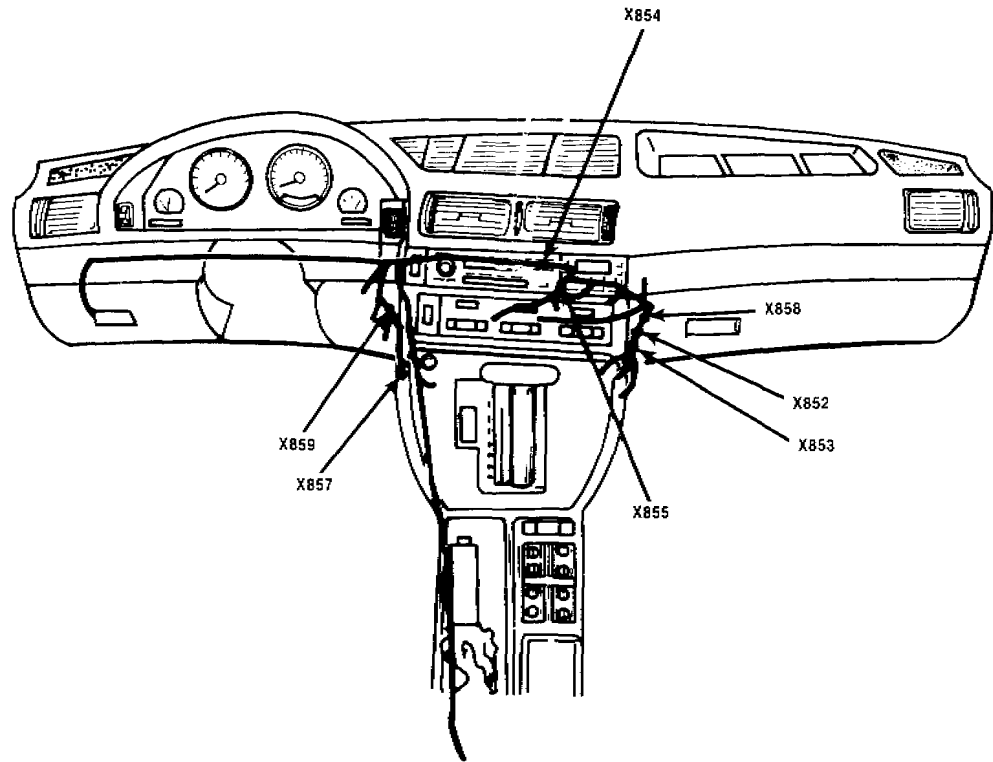
REAR HARNESS





SPLICE LOCATION VIEWS

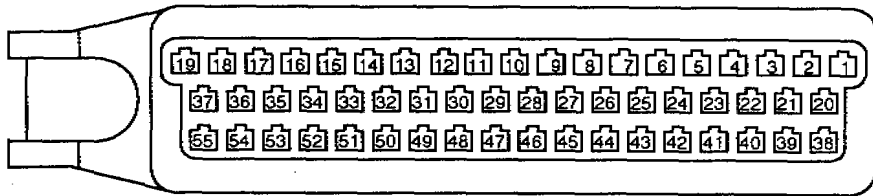
IHKA HARNESS





CONNECTOR VIEWS

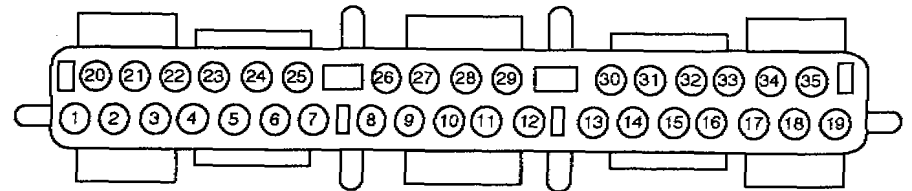
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X11 NA

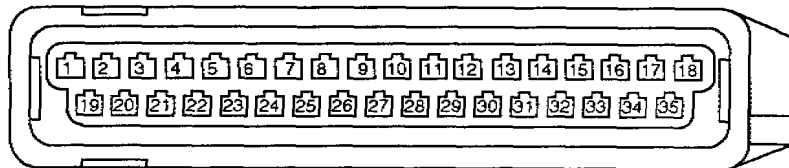
(WITH ASC OR
ASC+T)

B350001.00



X12 SW

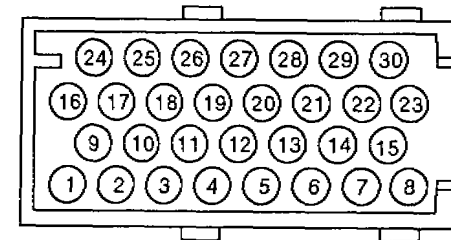
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X11 NA

WITH ABS

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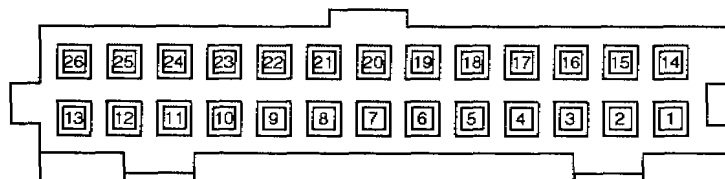


X13 BL
X14 SW
X15 WS



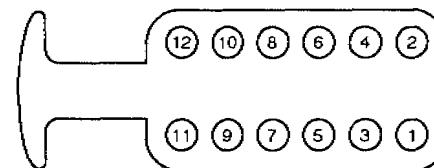
CONNECTOR VIEWS

B260002.00



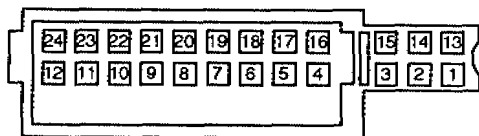
- X16 GE
- X18 BL
- X19 GN
- X22 BL

B120013.00



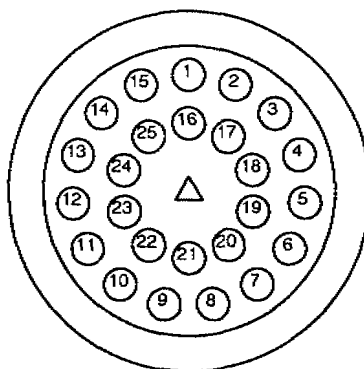
- X31 SW

B240001.00



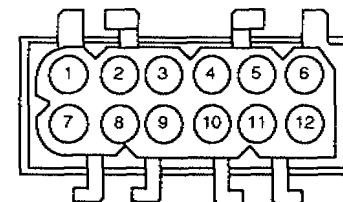
- X17 BR

B260007.00



- X20 SW
- X21 WS

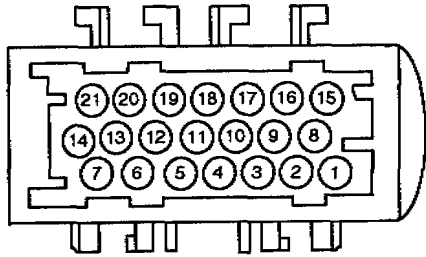
B120004.01



- X32 WS
- X33 SW
- X34 WS

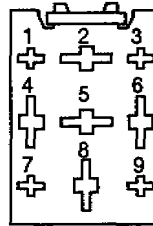
CONNECTOR VIEWS

B210001.00



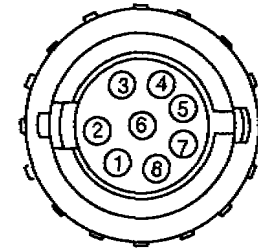
X36 SW

B090001.00



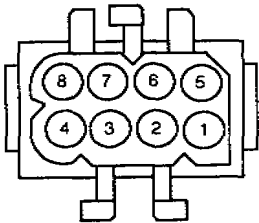
- X50 WS
- X51 SW
- X52 WS
- X53 WS
- X54 SW
- X55 WS
- X56 NA
- X57 SW
- X58 WS
- X59 SW
- X60 SW
- X61 SW
- X62 NA
- X63 WS
- X64 SW
- X65 BR

B080003.00



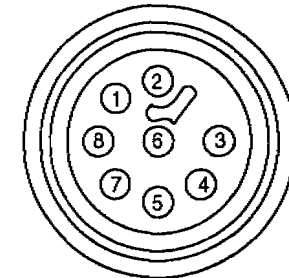
X70 SW

B080001.00



X69 WS
X72 WS
X73 SW

B080004.00

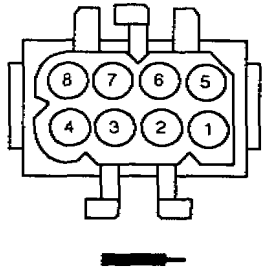


X71 SW



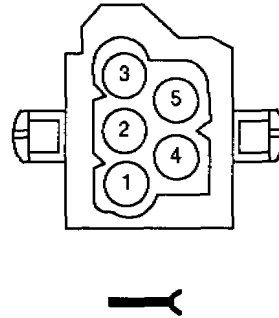
CONNECTOR VIEWS

B080001.00



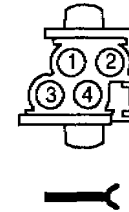
X74 OR

B050001.00



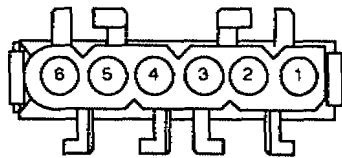
X77 GN

B040003.00



X80 GN

B060003.03



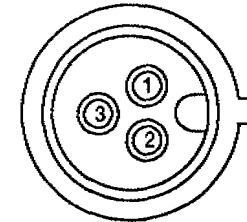
X75 OR
X299 NA
X393 SW

B040004.00



X78 SW

B030005.00



X81 OR
X86 OR



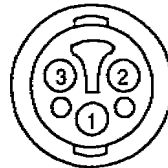
CONNECTOR VIEWS

B030004.00



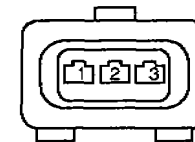
X82 SW
X85 SW

B030013.00



X84 GE

B030015.00



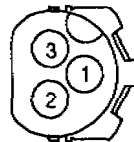
X96 GR

B030012.00



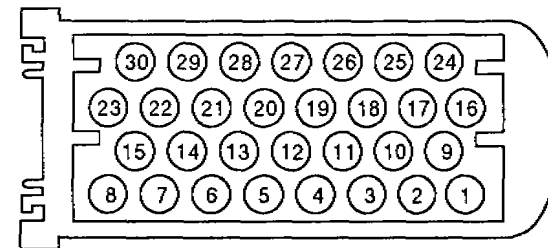
X83 GE

B030006.00



X87 SW
X91 SW
X92 SW
X95 SW

B300002.00

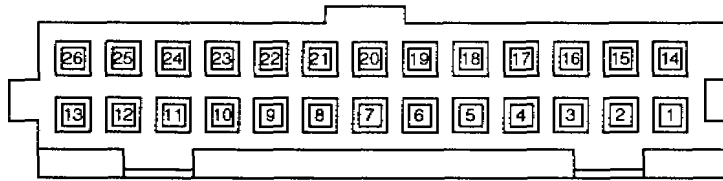


X251 SW



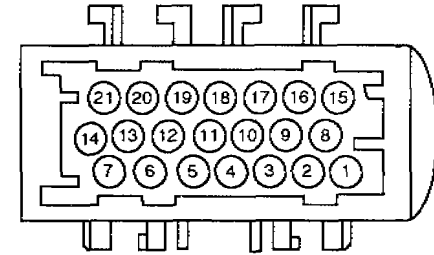
CONNECTOR VIEWS

B260002.01



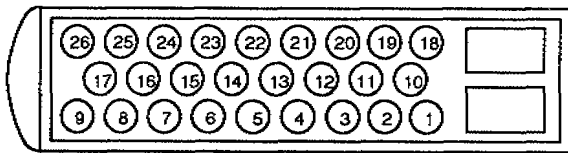
| | | | |
|-------------|----|-------------|----|
| <u>X252</u> | GN | <u>X255</u> | GE |
| <u>X253</u> | GN | <u>X262</u> | BL |
| <u>X254</u> | WS | <u>X263</u> | NA |

B210001.00



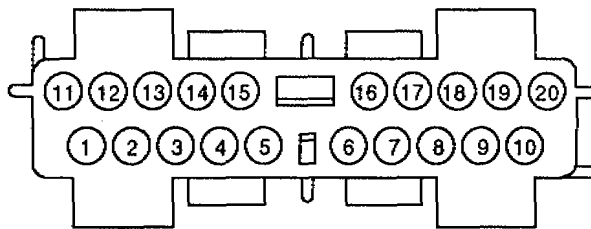
X260 SW

B260001.00



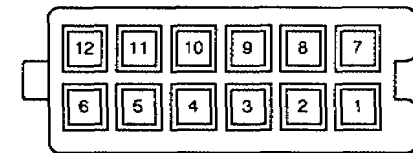
X256 SW
X257 SW

B200001.00



X258 SW
X259 WS

B120011.00

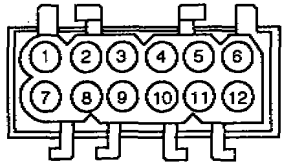


X271 GR



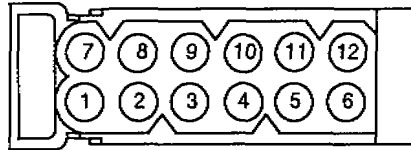
CONNECTOR VIEWS

B120004.00



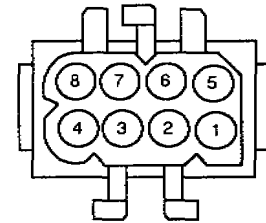
X272 SW

B120002.00



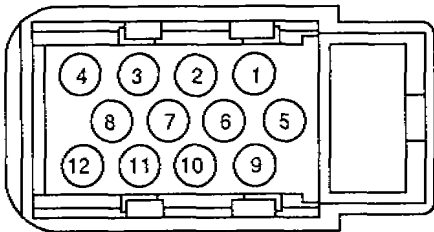
X275 WS
X279 WS

B080001.02



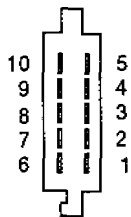
X295 SW
X298 SW

B120003.01



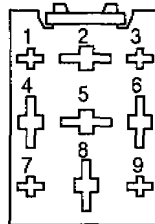
X273 SW
X274 SW

B100001.00



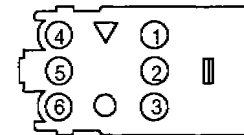
X277 SW
X278 SW

B090001.00



X292 WS
X293 WS
X294 WS

B060005.12

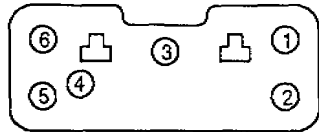


X311 SW
X312 SW



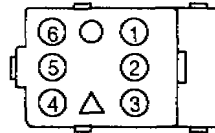
CONNECTOR VIEWS

B060002.00



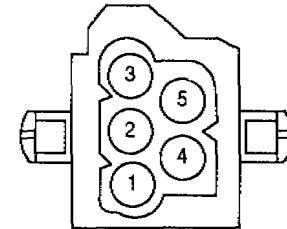
X316 WS
X317 SW

B060008.00



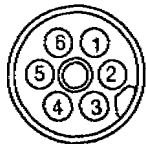
X322 SW

B050005.00



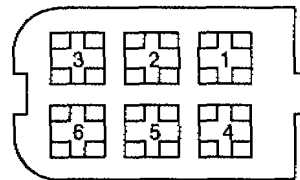
X331 GN

B060004.00



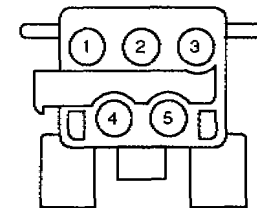
X318 SW
X319 SW

B060006.00



X323 NA

B050006.00

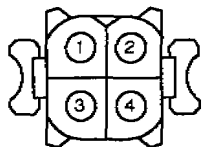


X332 SW



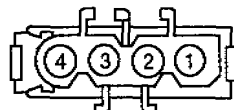
CONNECTOR VIEWS

B040008.00



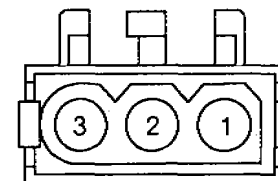
X333 SW

B040002.00



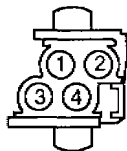
X336 WS
X337 WS

B030001.00



X358 SW

B040003.00



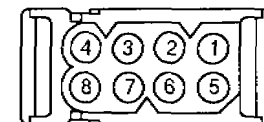
X335 GN

B030003.00



X355 WS
X356 WS

B080002.00

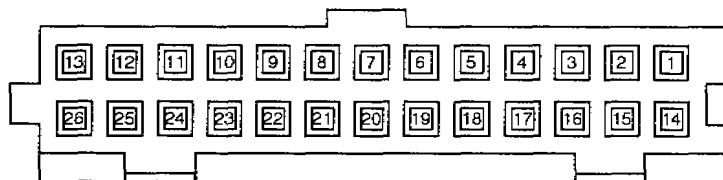


X400 NA
X511 SW
X512 SW



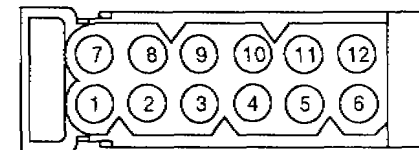
CONNECTOR VIEWS

B260002.02



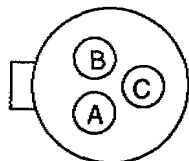
X501 GN
X502 WS

B120002.01



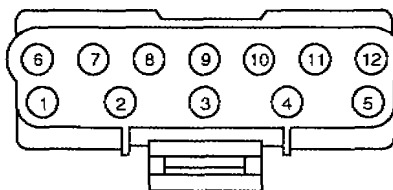
X506 SW

B030033.00



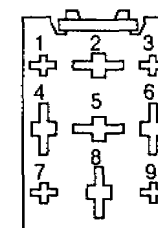
X405 SW
X406 SW
X407 SW
X408 SW

B120006.00



X503 SW
X504 SW

B090001.00

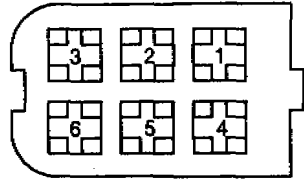


X509 SW
X510 SW



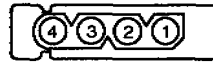
CONNECTOR VIEWS

B060006.00



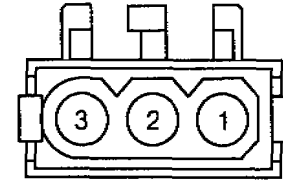
X514 SW
X521 SW

B040004.00



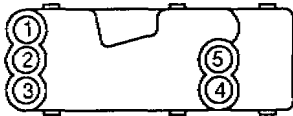
X517 SW
X518 SW

B030001.02



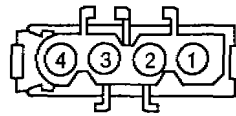
X520 WS

B050003.00



X516 SW

B040002.00



X519 WS
X3212 SW

B030003.01

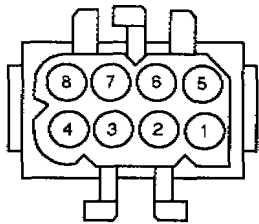


X522 WS



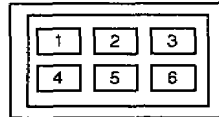
CONNECTOR VIEWS

B080001.00



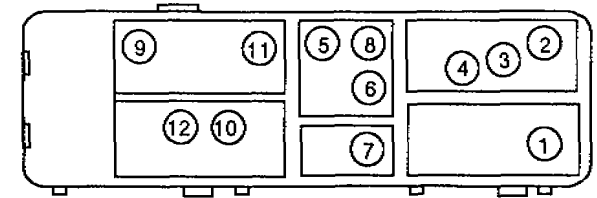
X526 WS

B060019.00



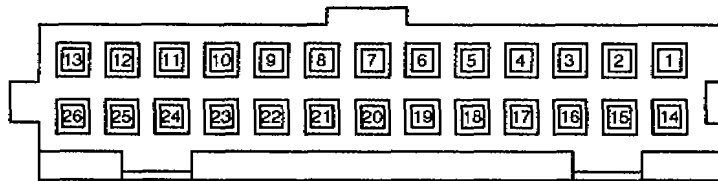
X529 NA

B120008.00



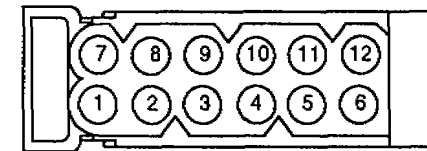
X603 SW
X604 SW

B260002.02



| | | | |
|-------------|----|-------------|----|
| X601 | WS | X612 | BL |
| X602 | GE | X613 | BL |
| X610 | WS | X614 | GE |
| X611 | GN | | |

B120002.00

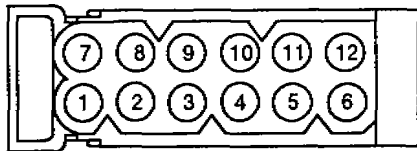


X605 SW



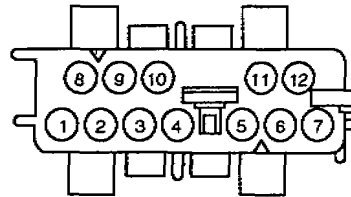
CONNECTOR VIEWS

B120002.01



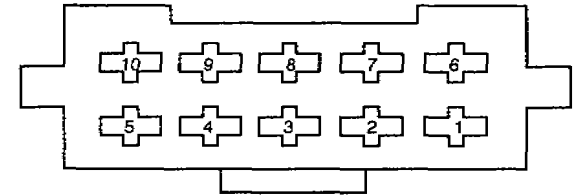
X606 WS
X626 WS

B120005.00



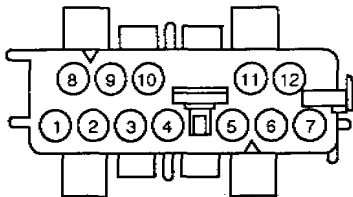
X616 NA

B100002.00



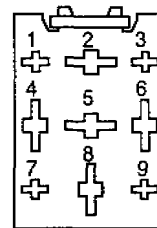
X621 SW
X622 SW

B120005.00



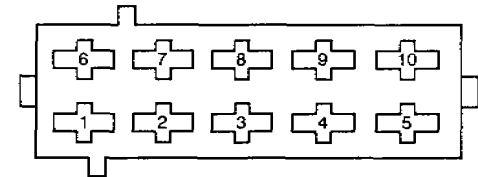
X607 SW

B090001.02



X620 NA
X631 NA
X632 NA

B100005.00

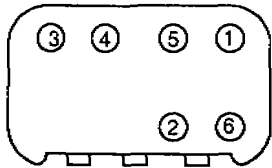


X623 SW
X624 SW



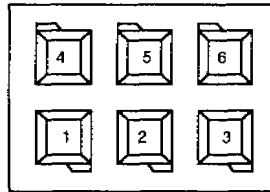
CONNECTOR VIEWS

B060013.00



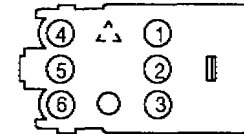
X625 SW

B060035.00



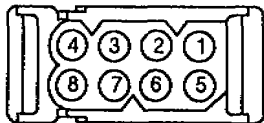
| | | | |
|-------------|----|-------------|----|
| <u>X634</u> | NA | <u>X637</u> | NA |
| <u>X635</u> | NA | <u>X651</u> | NA |
| <u>X636</u> | NA | <u>X658</u> | NA |

B060005.00



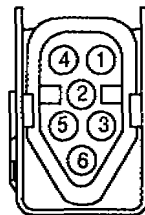
| | | |
|-------------|----|---|
| <u>X643</u> | BL | ▽ |
| <u>X650</u> | NA | |

B080002.01



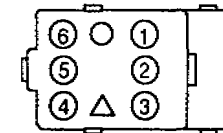
X627 SW

B060009.00



| | | | |
|-------------|----|-------------|----|
| <u>X638</u> | SW | <u>X646</u> | SW |
| <u>X641</u> | SW | <u>X660</u> | SW |
| <u>X644</u> | SW | | |

B060008.00

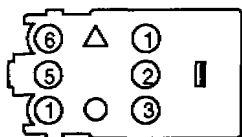


| | |
|-------------|----|
| <u>X645</u> | SW |
| <u>X647</u> | SW |



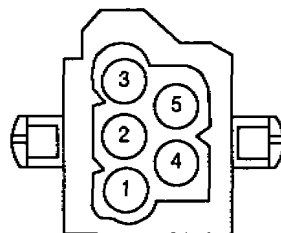
CONNECTOR VIEWS

B060005.01



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

B050001.00



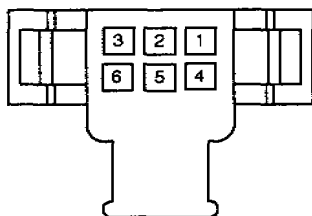
X671 GN

B030003.02



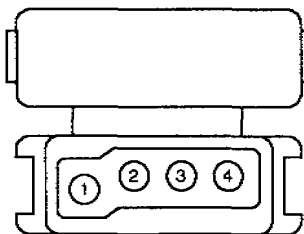
X680 SW
X693 SW

B060010.01



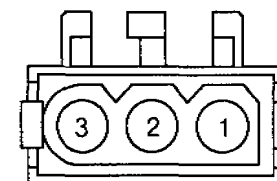
| | | | |
|-------------|----|-------------|----|
| <u>X661</u> | SW | <u>X666</u> | SW |
| <u>X662</u> | SW | <u>X667</u> | SW |
| <u>X663</u> | SW | <u>X668</u> | SW |
| <u>X664</u> | SW | <u>X669</u> | SW |
| <u>X665</u> | SW | <u>X670</u> | SW |

B040013



X672 SW

B030001.03

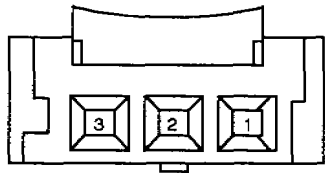


X681 WS



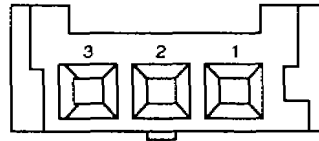
CONNECTOR VIEWS

B030016.00



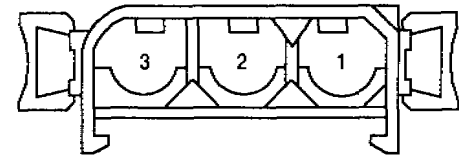
X682 NA

B030007.00



| | | | |
|-------------|----|-------------|----|
| <u>X686</u> | BL | <u>X689</u> | BL |
| <u>X687</u> | BL | <u>X690</u> | BL |
| <u>X688</u> | BL | | |

B030009.00



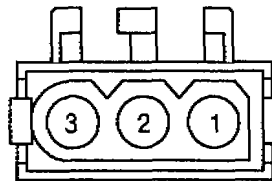
X696 SW

B030004.01



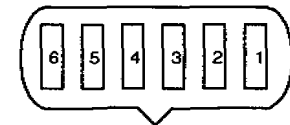
| | |
|-------------|----|
| <u>X684</u> | SW |
| <u>X685</u> | SW |

B030001.03



X692 SW

B060023.00

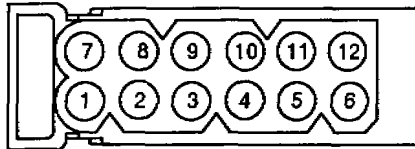


X523 SW



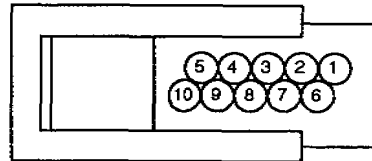
CONNECTOR VIEWS

B120002.04



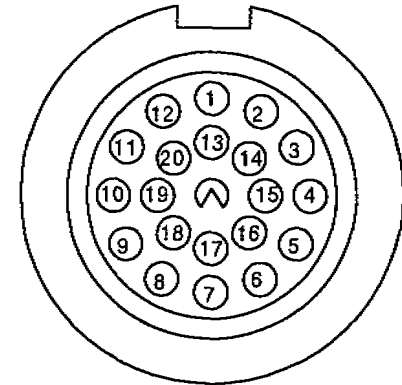
X915 NA

B100007.00



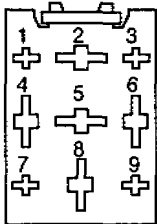
X945 NA

B200003.00



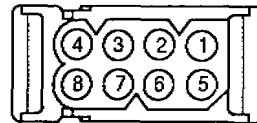
X6002 SW

B090001.03



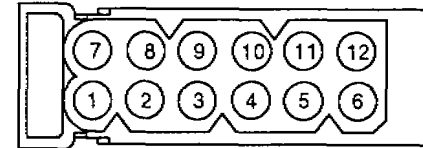
X941 WS
X1015 WS
X1021 WS

B080002.02



X6001 SW

B120002.04

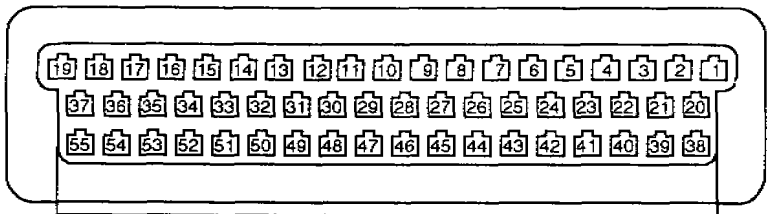


X6003 SW



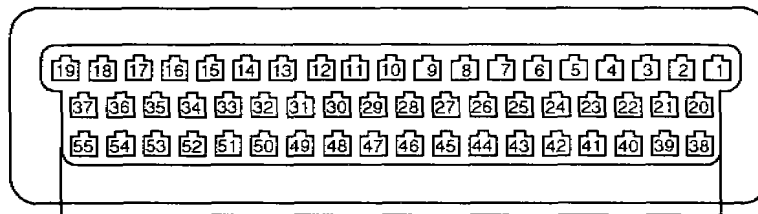
CONNECTOR VIEWS

B550001.00



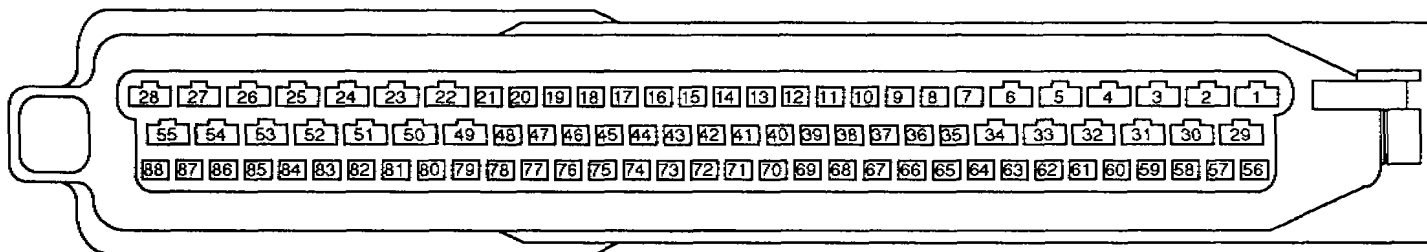
X6000 NA

B550002.01



X6004 NA

B880002.00

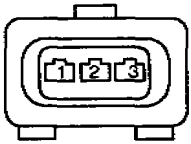


X6010 NA
X6020 NA



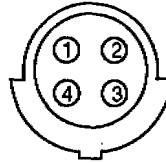
CONNECTOR VIEWS

B030015.00



| | | | |
|--------------|----|--------------|----|
| <u>X6130</u> | SW | <u>X6221</u> | SW |
| <u>X6201</u> | SW | <u>X6222</u> | GR |
| <u>X6202</u> | SW | <u>X6230</u> | SW |
| <u>X6211</u> | BR | <u>X6236</u> | SW |
| <u>X6212</u> | SW | <u>X6508</u> | SW |

B0400011.00



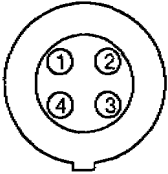
| | |
|--------------|----|
| <u>X6210</u> | SW |
| <u>X6220</u> | SW |

B050006.02



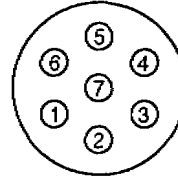
| | |
|--------------|----|
| <u>X6233</u> | SW |
|--------------|----|

B040006.00



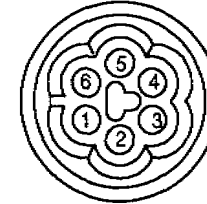
| | |
|--------------|----|
| <u>X6200</u> | SW |
|--------------|----|

B070010.00



| | |
|--------------|----|
| <u>X6216</u> | SW |
| <u>X6226</u> | SW |

B060014.00

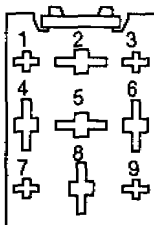


| | |
|--------------|----|
| <u>X6251</u> | SW |
|--------------|----|



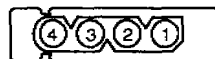
CONNECTOR VIEWS

B090001.03



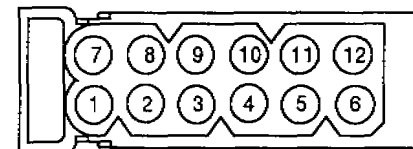
- | | | | |
|--------------|-------|--------------|-------|
| <u>X6300</u> | SW/WS | <u>X6311</u> | SW/WS |
| <u>X6301</u> | SW/WS | <u>X6320</u> | SW/WS |
| <u>X6310</u> | SW/WS | <u>X6321</u> | SW/WS |

B040004.01



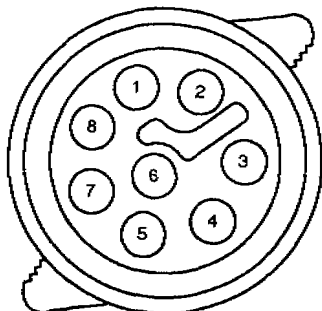
- | | |
|--------------|----|
| <u>X6506</u> | SW |
|--------------|----|

B120002.04



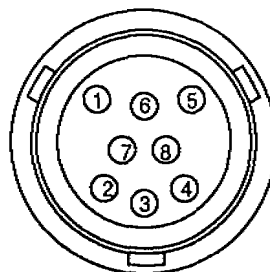
- | | |
|--------------|----|
| <u>X9503</u> | SW |
| <u>X9504</u> | SW |

B080009.00



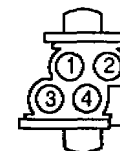
- | | |
|--------------|----|
| <u>X6350</u> | SW |
| <u>X6360</u> | SW |
| <u>X6370</u> | SW |

B080005.00



- | | |
|--------------|----|
| <u>X8505</u> | SW |
|--------------|----|

B040003.00

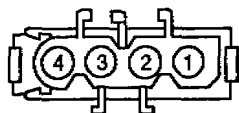


- | | |
|--------------|----|
| <u>X9966</u> | SW |
|--------------|----|



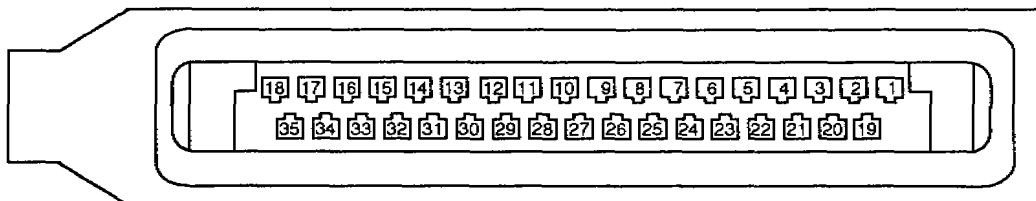
CONNECTOR VIEWS

B040002.00



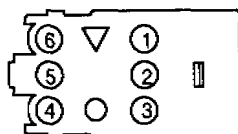
X8098 NA
X18029 NA
X18203 WS

B350004.00



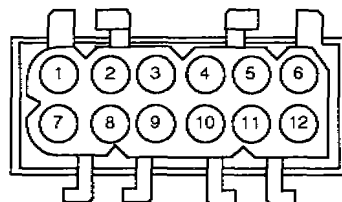
X8500 NA

B060005.17



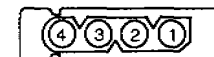
X8503 BL
X18098 BL

B120004.01



X13025 NA

B040004.01

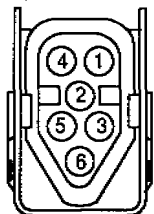


X13054 SW
X18204 SW



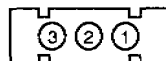
CONNECTOR VIEWS

B060009.00



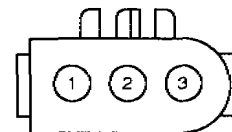
X18024 NA

B030027.01



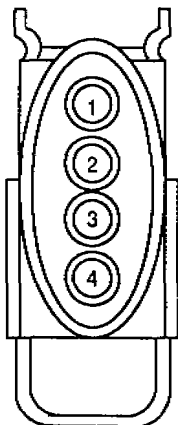
X18031 NA
X18067 NA

B030034.00



X18093 WS

B040015.00



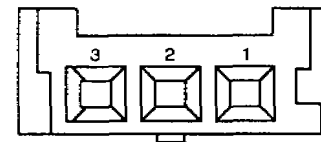
X18025 NA

B030035.00



X18066 NA

B030007.00

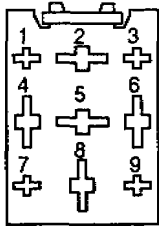


X18096 BL



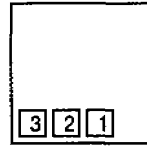
CONNECTOR VIEWS

B090001.02



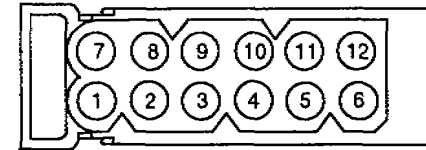
X18068 SW

B030036.00



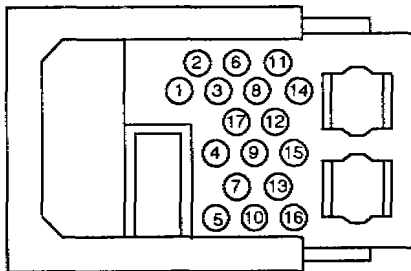
X18246 NA

B120002.04



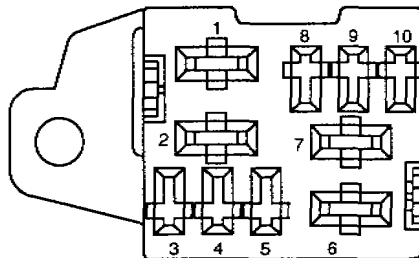
X18260 WS

B170001.00



X18126 SW

B100004.00



X18259 SW