

Electrical Wiring Diagrams

GENERAL	ELE-1	Memory Seats	ELE-258
WIRING DIAGRAMS	ELE-2	Memory Steering Column	ELE-272
ABS	ELE-140	On-Board Computer	ELE-205
Air Conditioning and Heating	ELE-149	Power Distribution	ELE-2
Airbag (Supplemental Restraint System) ..	ELE-174	Power Door Locks	ELE-238
Anti-Theft	ELE-176	Power Mirrors	ELE-248
Charging System	ELE-64	Power Rear Sunshade	ELE-277
Cruise Control	ELE-136	Power Seats	ELE-249
Data Link Connector	ELE-110	Power Sunroof	ELE-276
Defogger	ELE-196	Power Windows	ELE-244
Electronic Damping Control	ELE-134	Radio/Cassette/CD/Speakers	ELE-278
Engine Cooling	ELE-117	Servotronic Steering	
Engine Management	ELE-70	(Electronic Power Steering)	ELE-133
Exterior Lights	ELE-217	Shift Interlock	ELE-130
Ground Distribution	ELE-37	Soft Close Trunk Lid	ELE-275
Headlights/Foglights	ELE-209	Starting	ELE-58
Horns	ELE-183	Steering Column Power Adjustment	ELE-273
Instrument Panel	ELE-199	Transmission Electronics	ELE-123
Interior Lights/Illumination	ELE-232	Trunk/Fuel Door Release	ELE-274
Memory Mirrors	ELE-265	Warning Systems: Chimes	ELE-208
		Wiper/Washer	ELE-186

ELECTRICAL COMPONENT LOCATIONS

Relay, fuse and control module positions, ground locations see **Repair Group 610**

GENERAL

This section contains wiring diagrams for 1988 to 1994 BMW 7 Series vehicles.

WARNING—

On cars equipped with airbags, special precautions apply to any electrical system testing or repair. The airbag unit is an explosive device and must be handled with extreme care. Before starting any work on an airbag equipped car, refer to the warnings and cautions in **721 Airbag System**.

NOTE—

- The gear position/neutral safety switch is also sometimes referred to as the automatic transmission range switch.
- Automatic stability control (ASC) and automatic stability control plus traction (ASC+T), also referred to as traction control, are grouped with anti-lock brakes (ABS).

CAUTION—

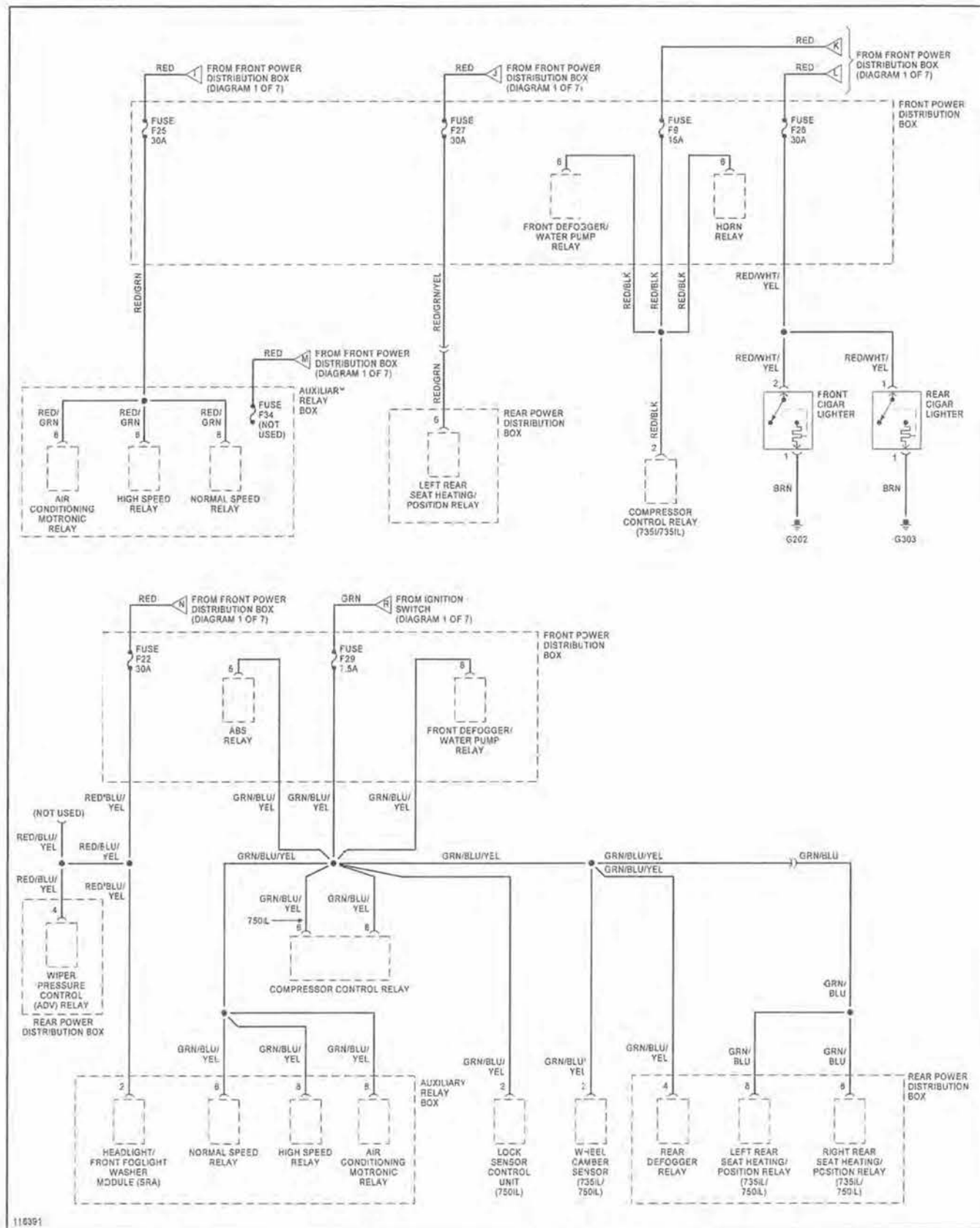
- Always switch the ignition off and remove the negative (–) battery cable before removing any electrical components. See **020 Maintenance**.
- Prior to disconnecting the battery, read the battery disconnection cautions given at the front of this manual on page viii.
- Connect and disconnect ignition system wires, multiple connectors and ignition test equipment leads only while the ignition is switched off.
- Use a digital multimeter for electrical tests. The use of an analog meter may damage electronic components.
- Always switch a test meter to the appropriate function and range before making test connections.

SCHEMATICS

ELE-4 ELECTRICAL WIRING DIAGRAMS

Power Distribution

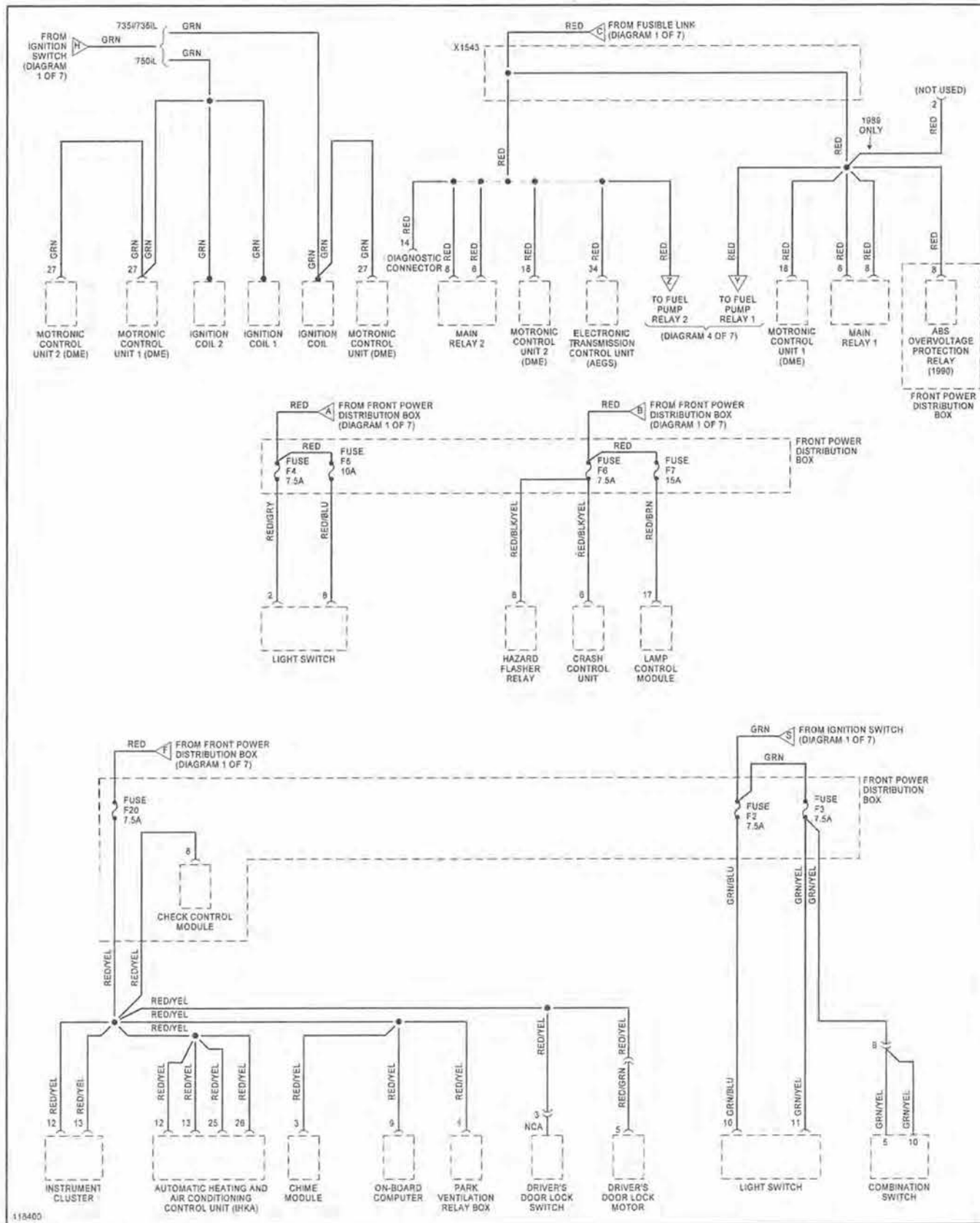
1988 (3 of 7)



ELE-10 ELECTRICAL WIRING DIAGRAMS

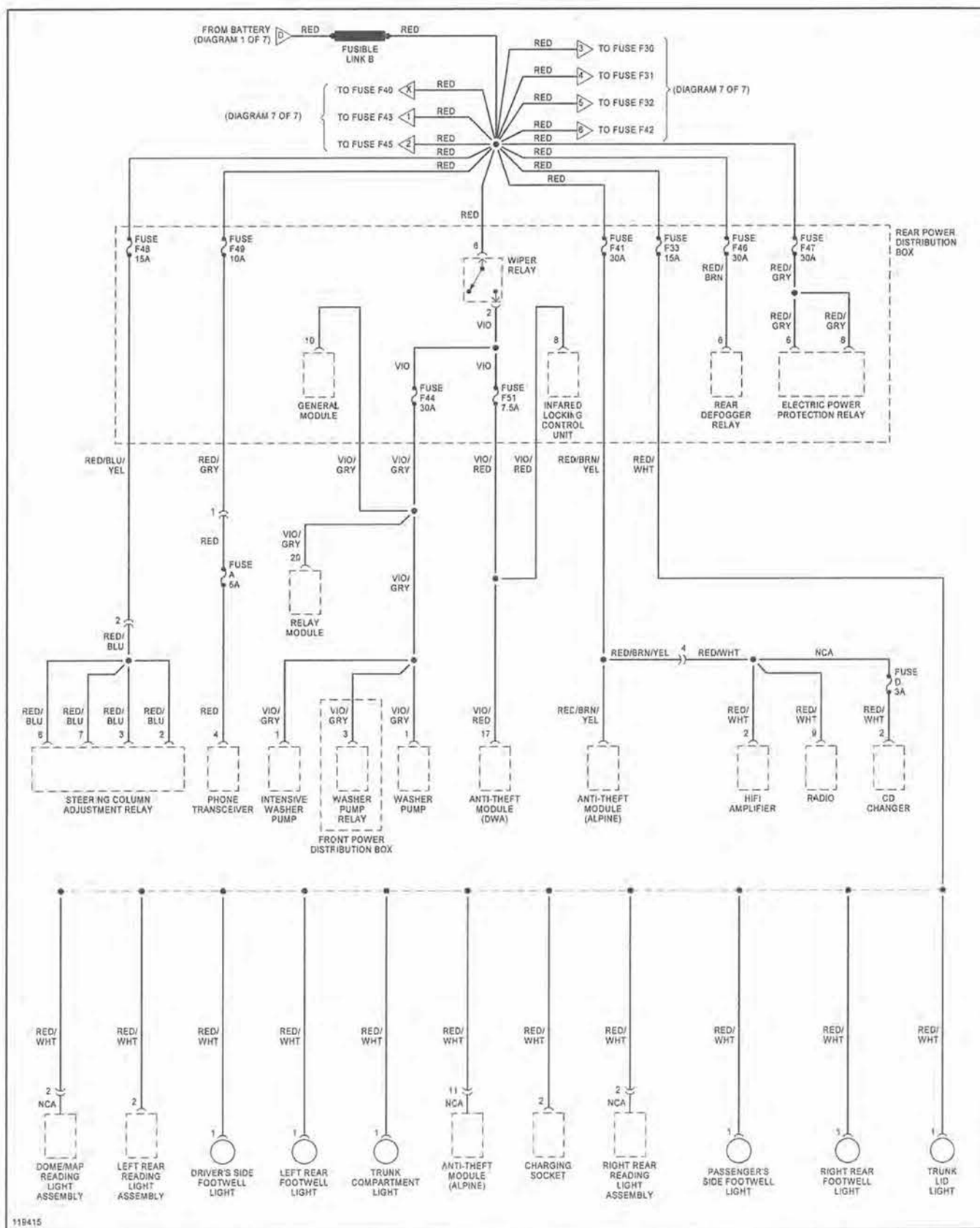
Power Distribution

1989-90 (2 of 7)



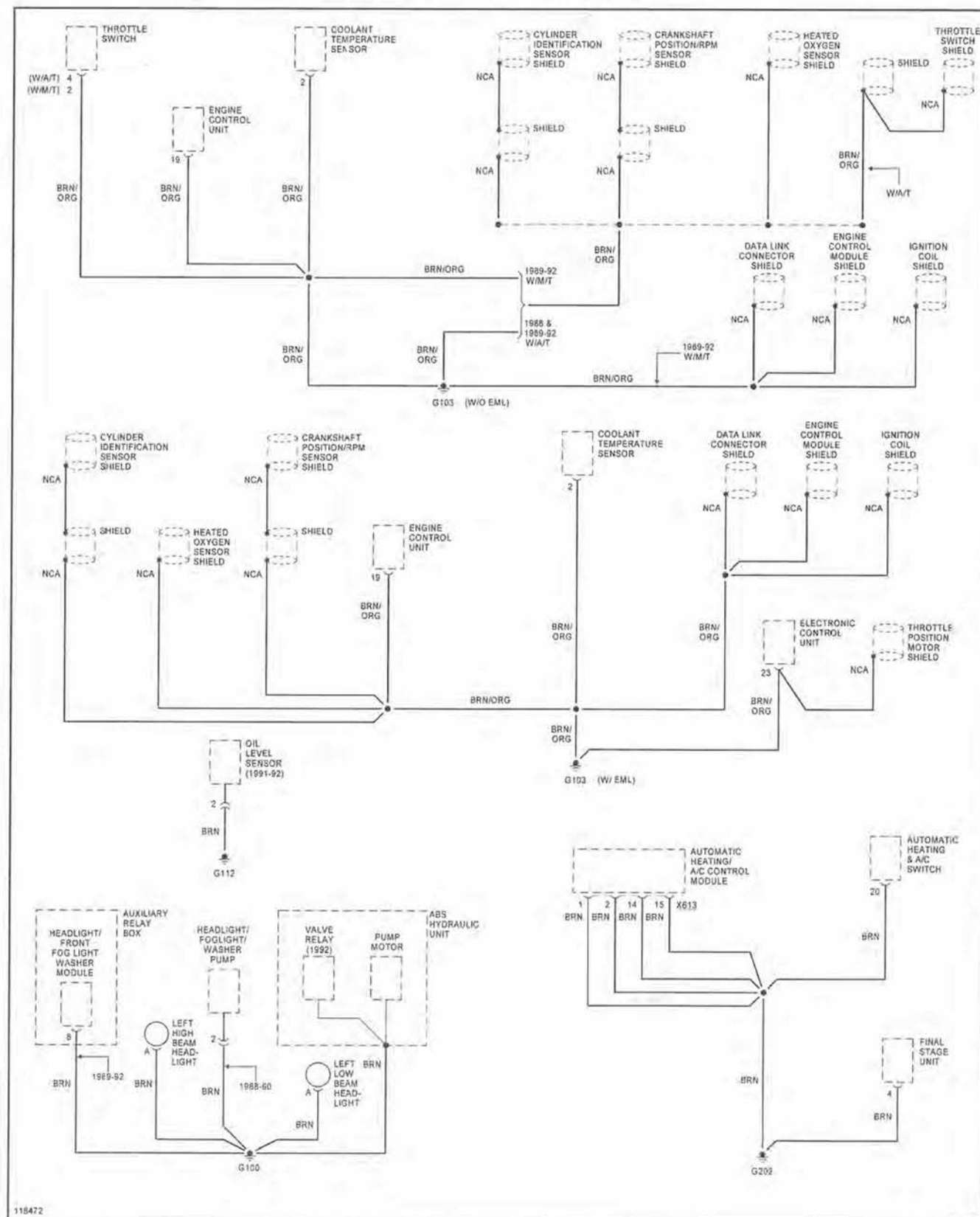
Power Distribution

1991 (6 of 7)

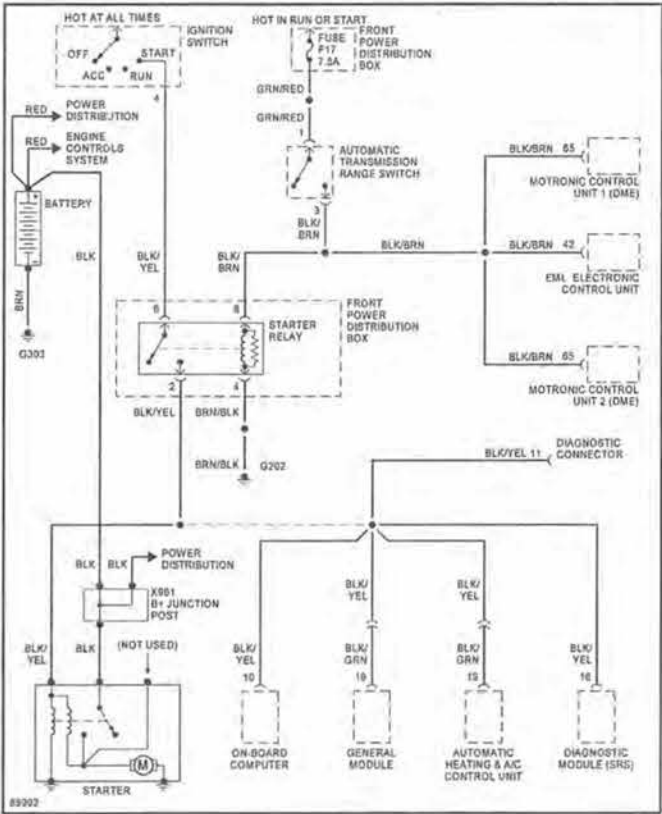


ELE-38 ELECTRICAL WIRING DIAGRAMS

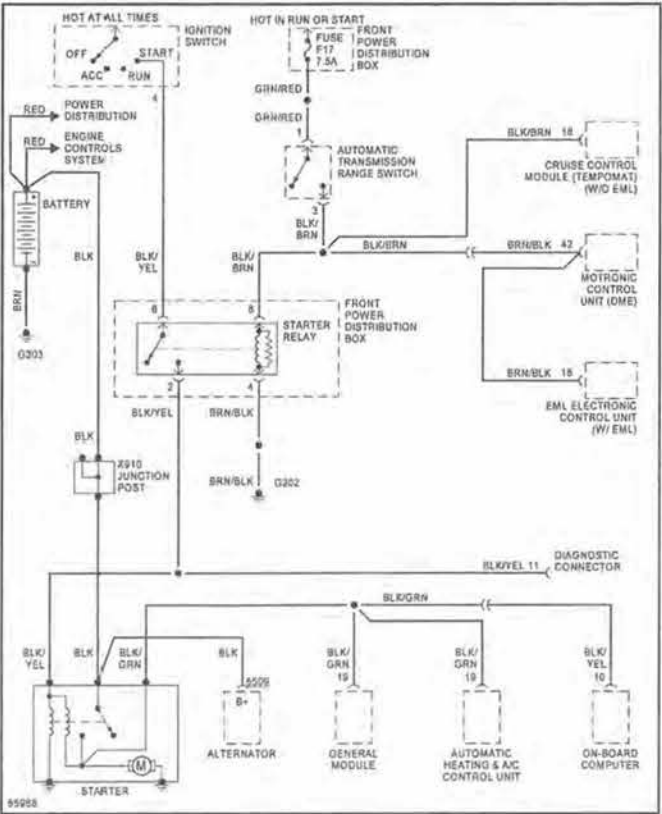
Ground Distribution 1988-92 735i & 735iL (2 of 7)



Starting



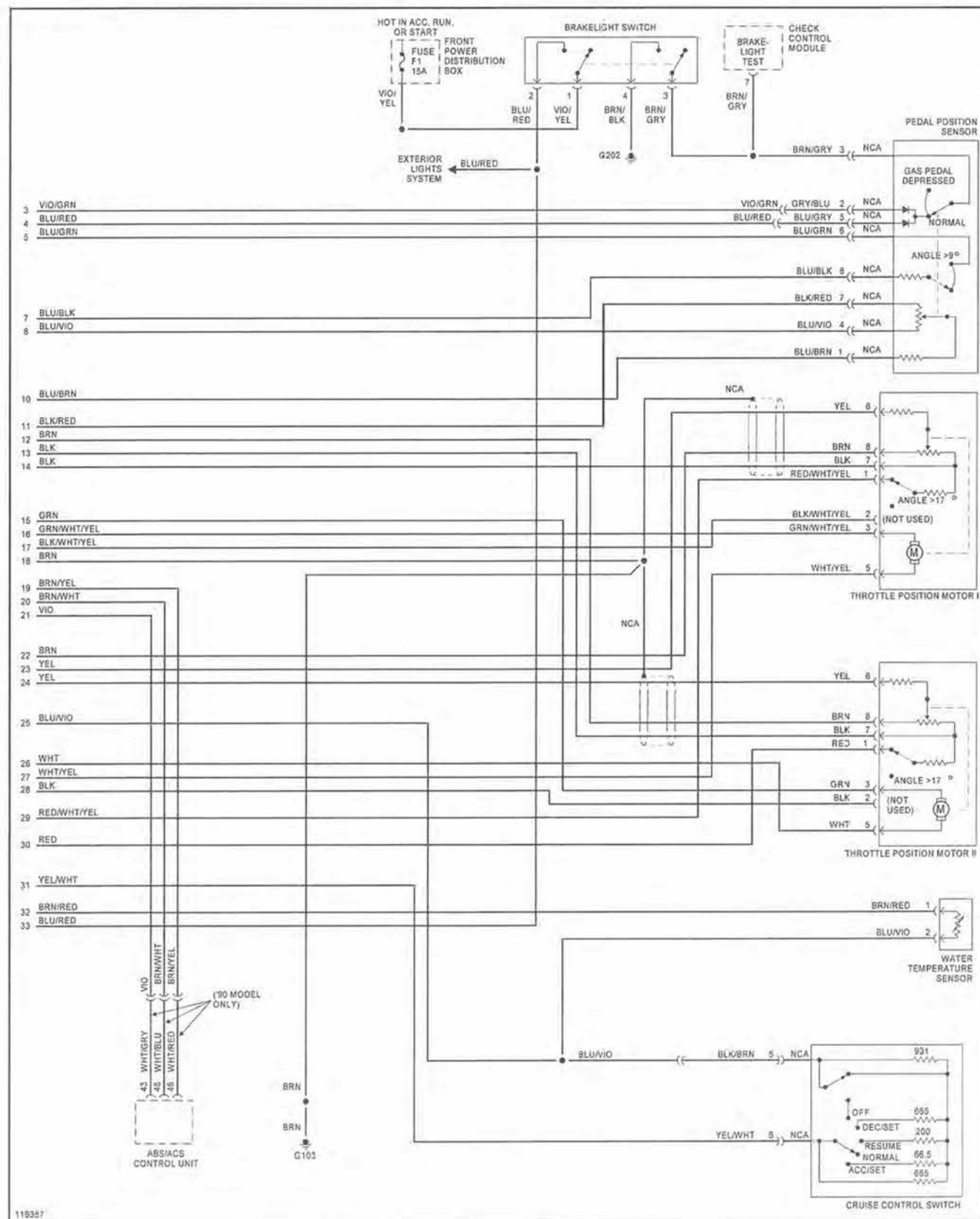
1991
750iL



1992
735i & 735iL

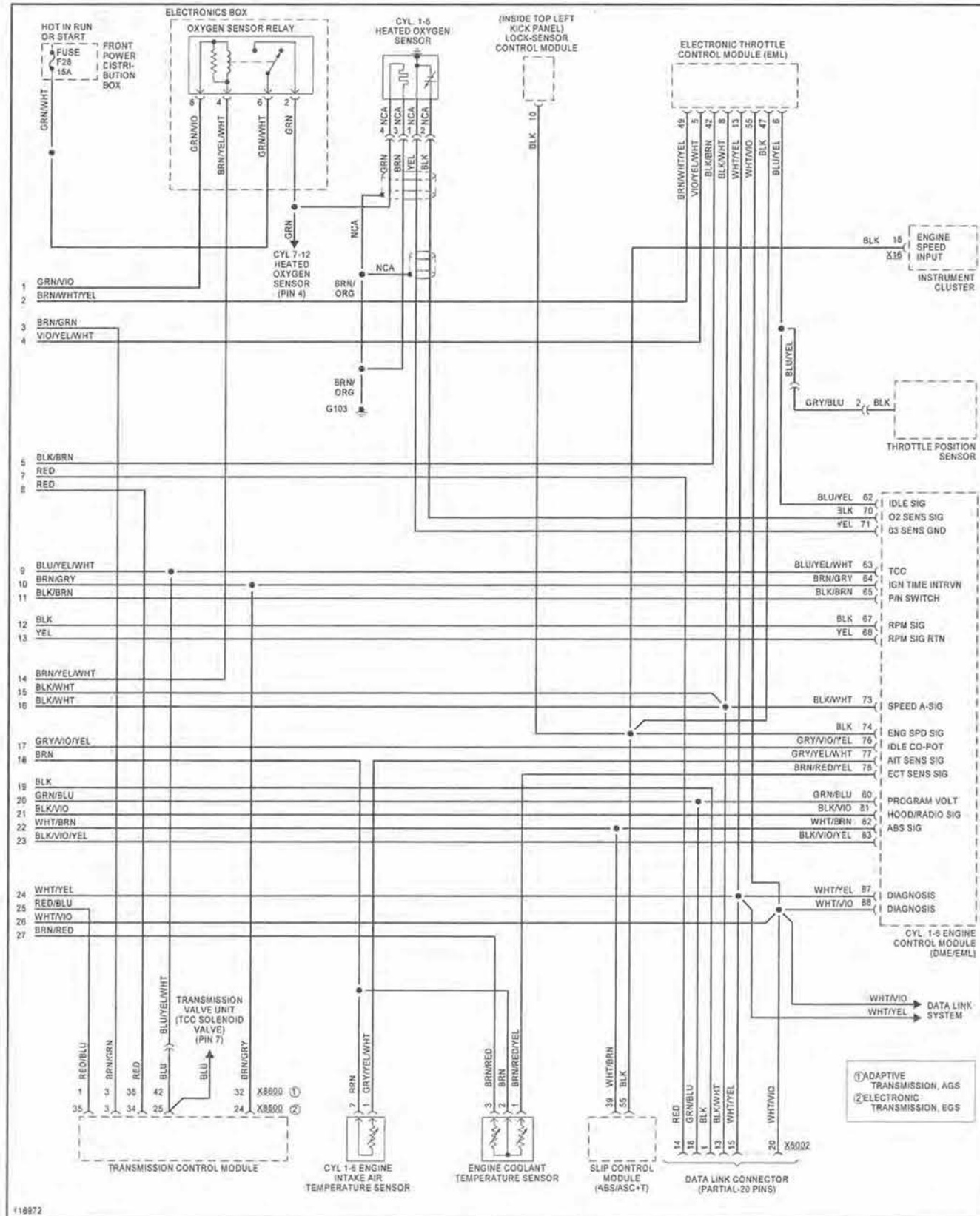
Engine Management

1988-90 750iL Electronic Throttle Control Circuit (2 of 2)



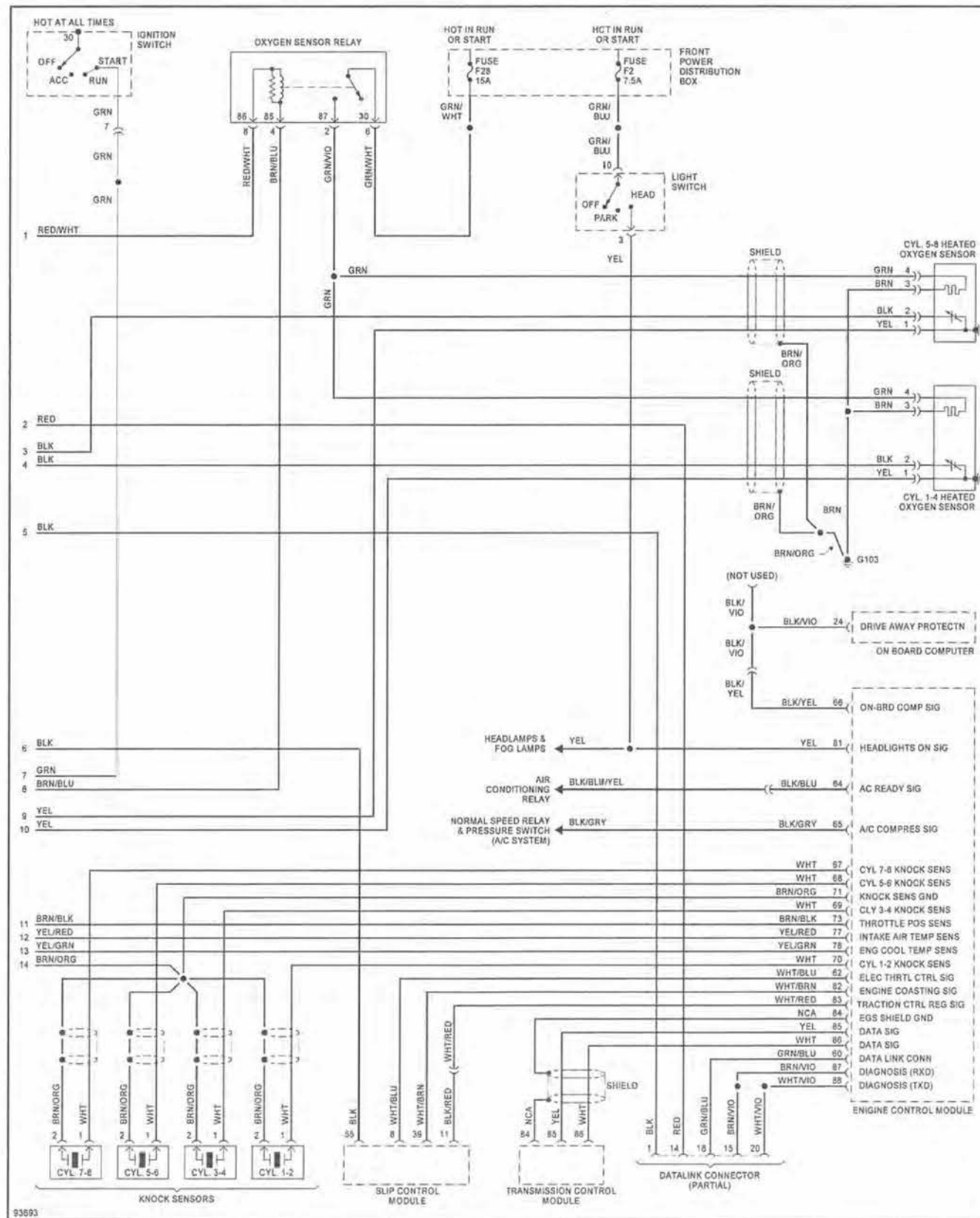
ELE-98 ELECTRICAL WIRING DIAGRAMS

Engine Management 1993-94 750iL (3 of 6)

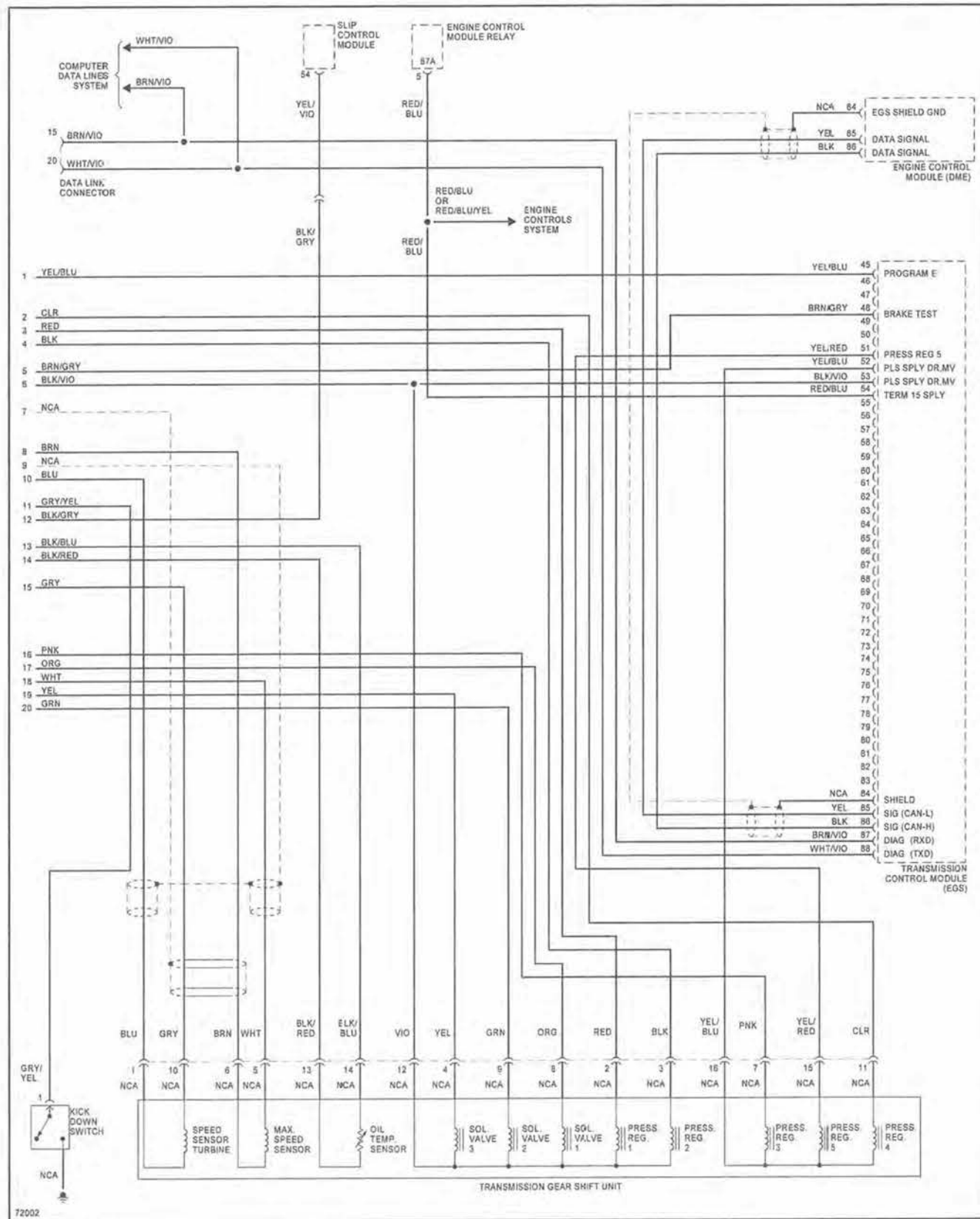


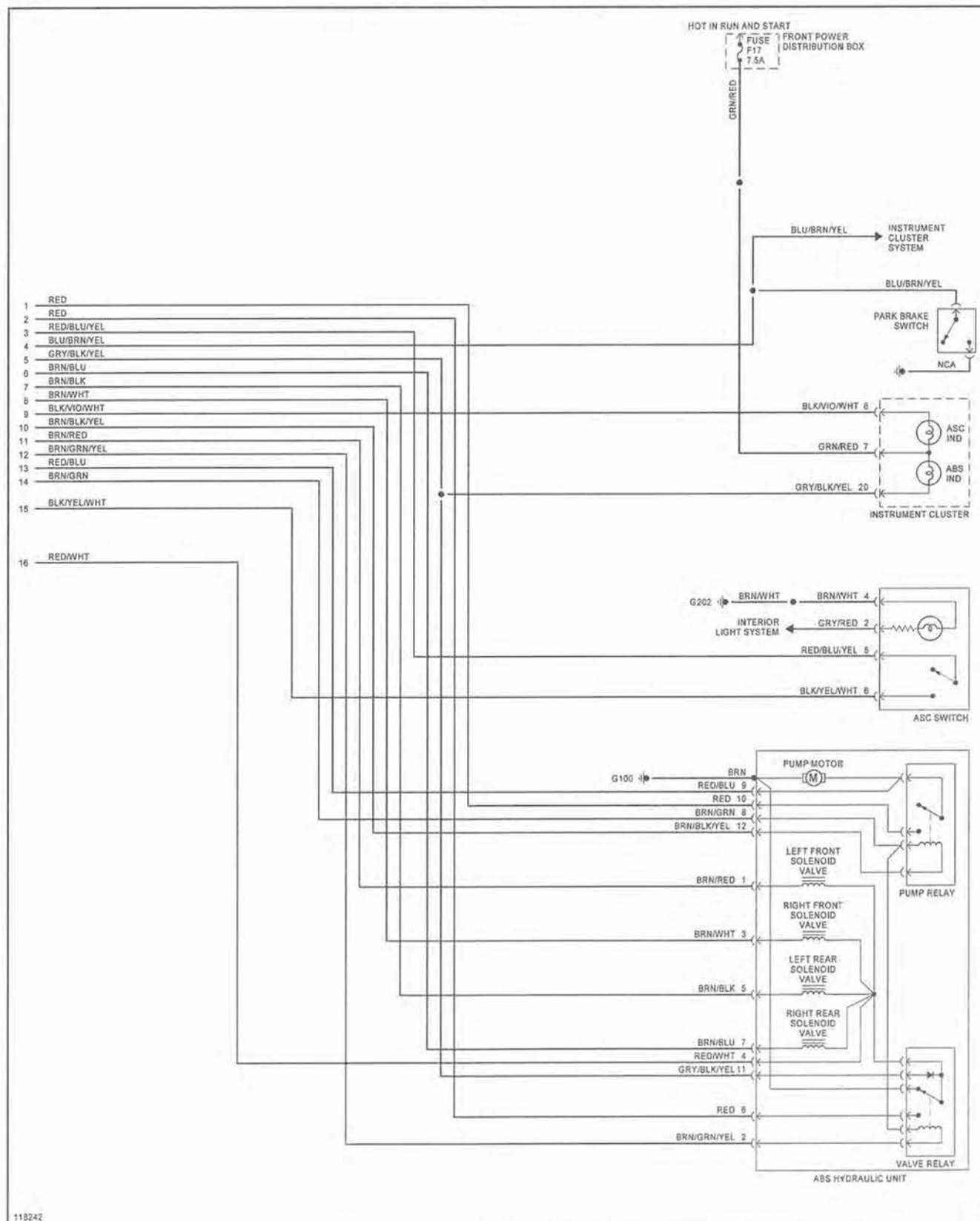
Engine Management

1993-94 740iL (3 of 3)



Transmission Electronics 1993-94 740i & 740iL (2 of 2)



ABS
1991-92 750iL (2 of 2)

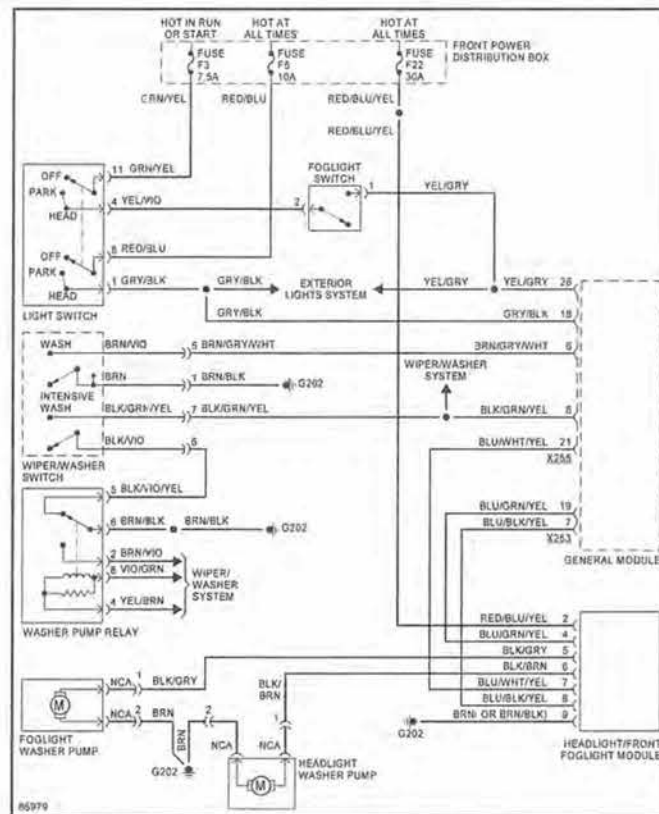
Air Conditioning & Heating

1991-92 735i & 735iL (3 of 3)

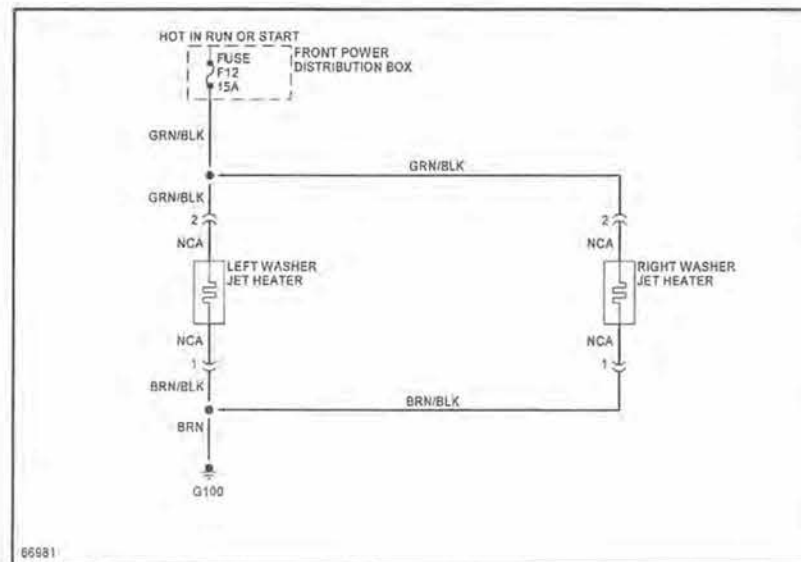


ELE-186 ELECTRICAL WIRING DIAGRAMS

Wiper/Washer

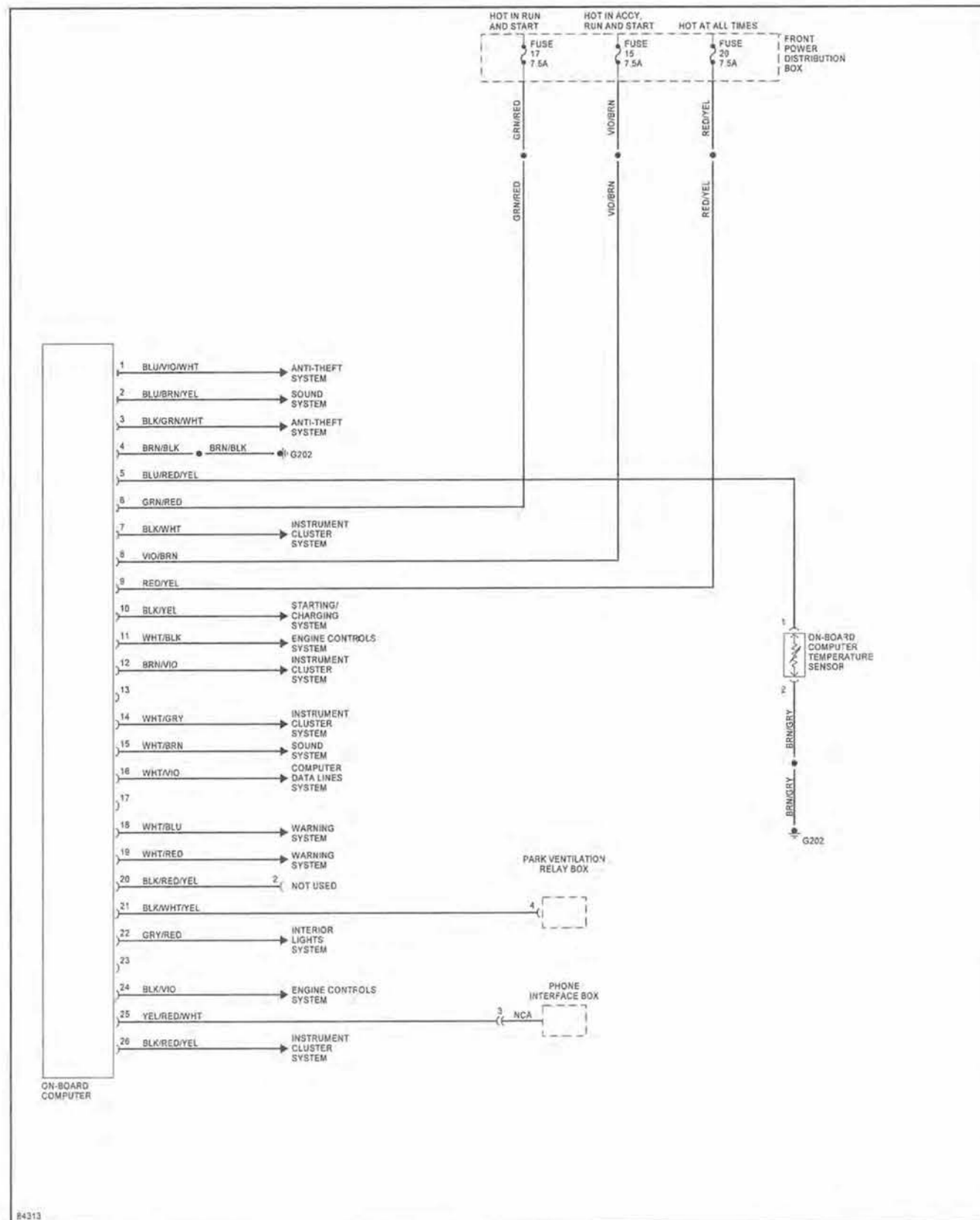


1988
Headlamp/
Foglamp
Washer



1988
Washer
Jet
Heater

On-Board Computer 1993-94



Power Door Locks

1993-94

