

Electrical Wiring Diagrams

GENERAL	ELE-1	Horns	ELE-153
ELECTRICAL WIRING DIAGRAMS	ELE-2	Instrument Panel	ELE-165
ABS	ELE-117	Interior Lights/Illumination	ELE-211
ABS/AST	ELE-120	Lumbar Control	ELE-247
Airbag (Supplemental Restraint System) ..	ELE-140	On-Board Computer	ELE-173
Air Conditioning and Heating	ELE-129	Park Ventilation	ELE-139
Anti-Theft (Alpine)	ELE-144	Power Distribution	ELE-2
Anti-Theft (EWS II)	ELE-150	Power Door Locks	ELE-226
Body Computer Module	ELE-176	Power Mirrors	ELE-241
Charging System	ELE-67	Power Seats	ELE-243
Convertible Top	ELE-253	Power Sunroof	ELE-248
Cruise Control	ELE-112	Power Windows	ELE-231
Data Link Connector	ELE-86	Radio/Cassette/CD/Speakers	ELE-255
Engine Cooling	ELE-94	Rear Window Defogger	ELE-160
Engine Management	ELE-70	Shift Interlock	ELE-110
Exterior Lights	ELE-194	Starting	ELE-63
Ground Distribution	ELE-35	Transmission Electronics	ELE-96
Headlights/Foglights	ELE-180	Warning System: Chimes	ELE-178
Heated Seats	ELE-245	Wiper/Washer	ELE-155

ELECTRICAL COMPONENT LOCATIONS

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

GENERAL

This section contains wiring diagrams for 1992 through 1998 BMW 3 Series models.

WARNING —

On cars equipped with airbags, special precautions apply to any electrical 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 720 Seatbelts and 721 Airbag Systems (SRS).

NOTE —

- The gear position/neutral safety switch is also sometimes referred to as the automatic transmission range switch.
- The EWS II system is also sometimes referred to as the Driveaway Protection System or the electronic immobilization system.

CAUTION —

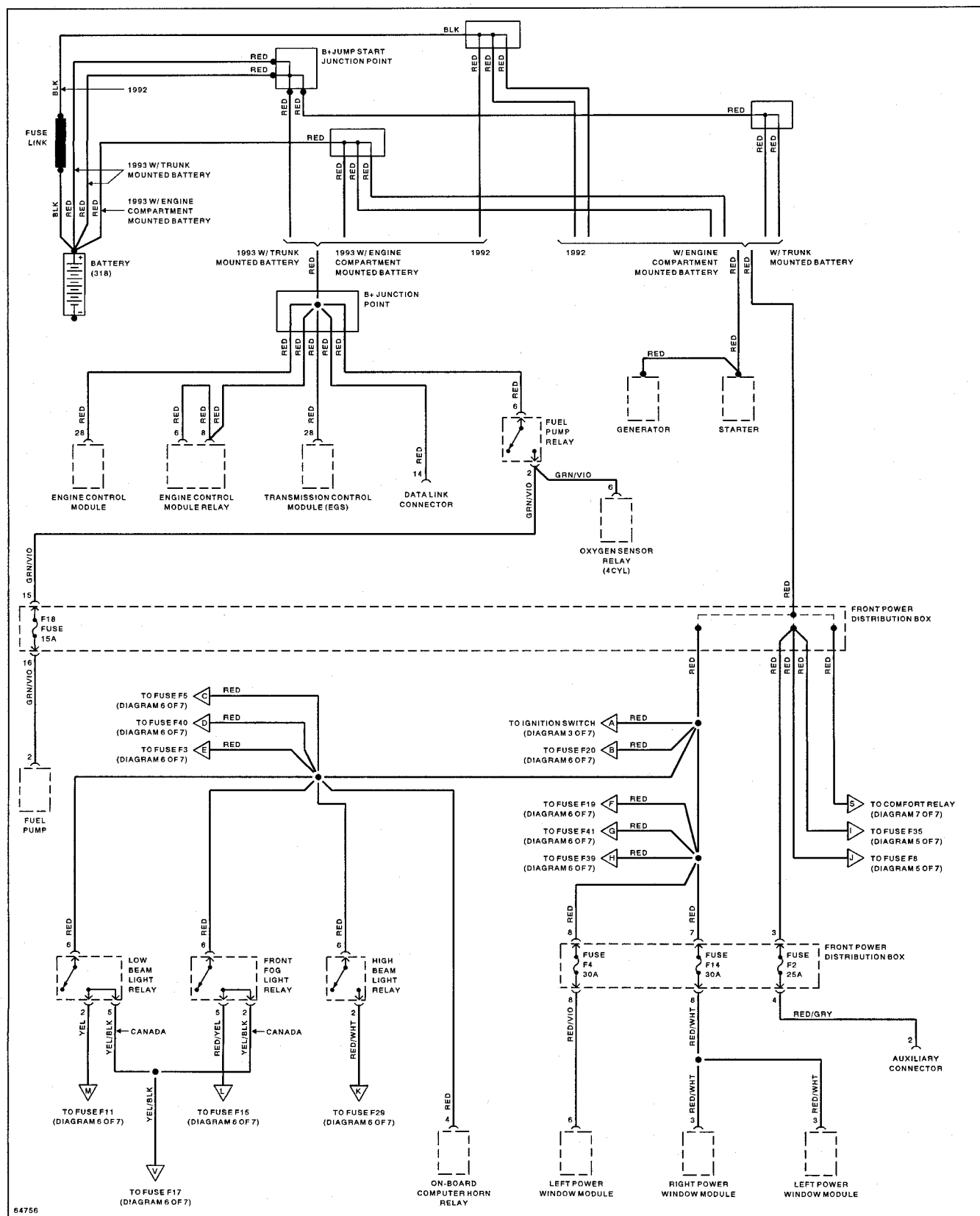
- Always switch the ignition off and disconnect the negative (–) battery cable before removing any electrical components.
- Prior to disconnecting the battery, read the battery disconnection cautions given at the front of this manual on page viii.
- Connect and disconnect ignition system wires, multiple connectors and ignition test equipment leads only while ignition is switched off.
- Always switch a test meter to the appropriate function and range before making test connections.

- All-Season Traction (AST) is also referred to as ASC or ASC+T.

GENERAL

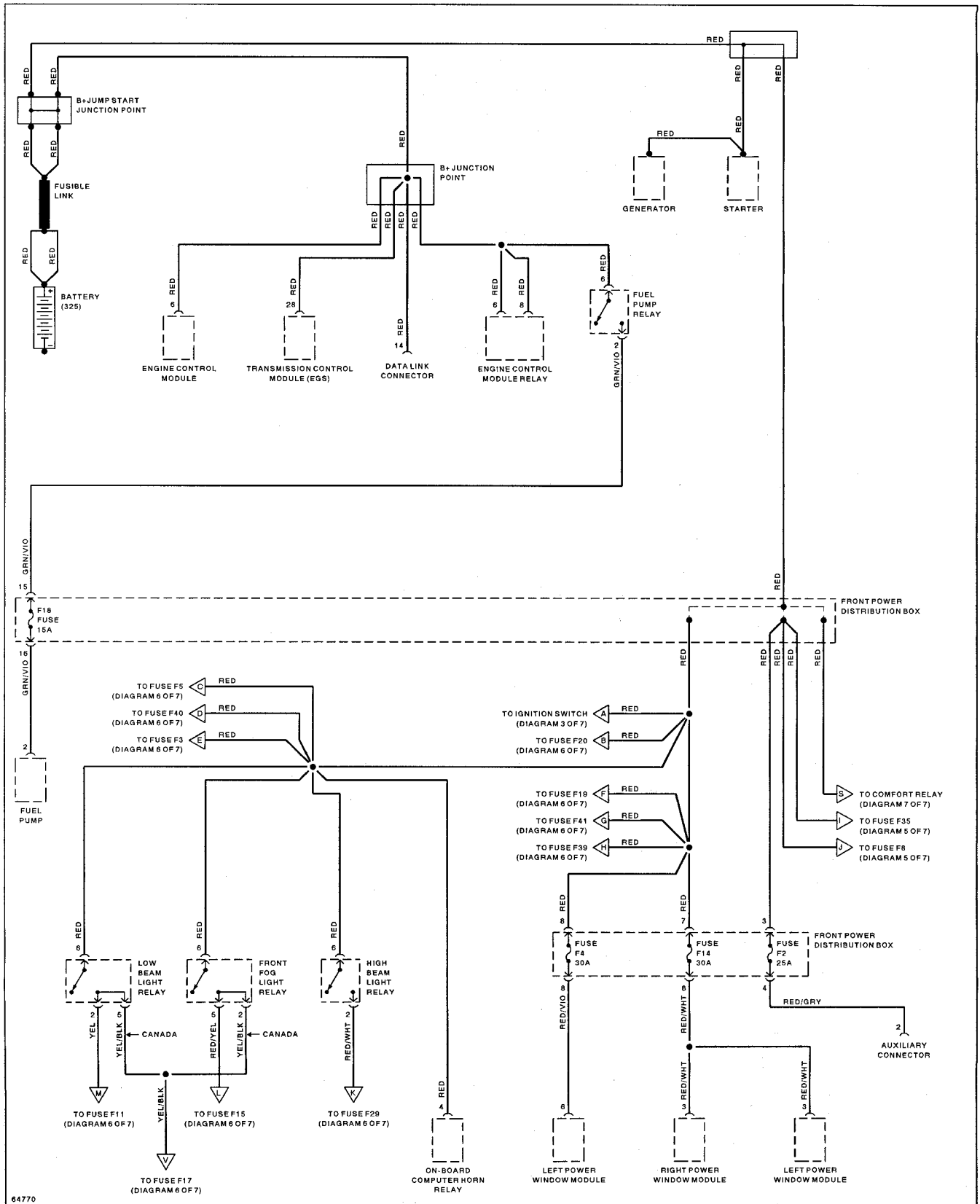
Power Distribution

1992-93 318i Only (1 of 7)



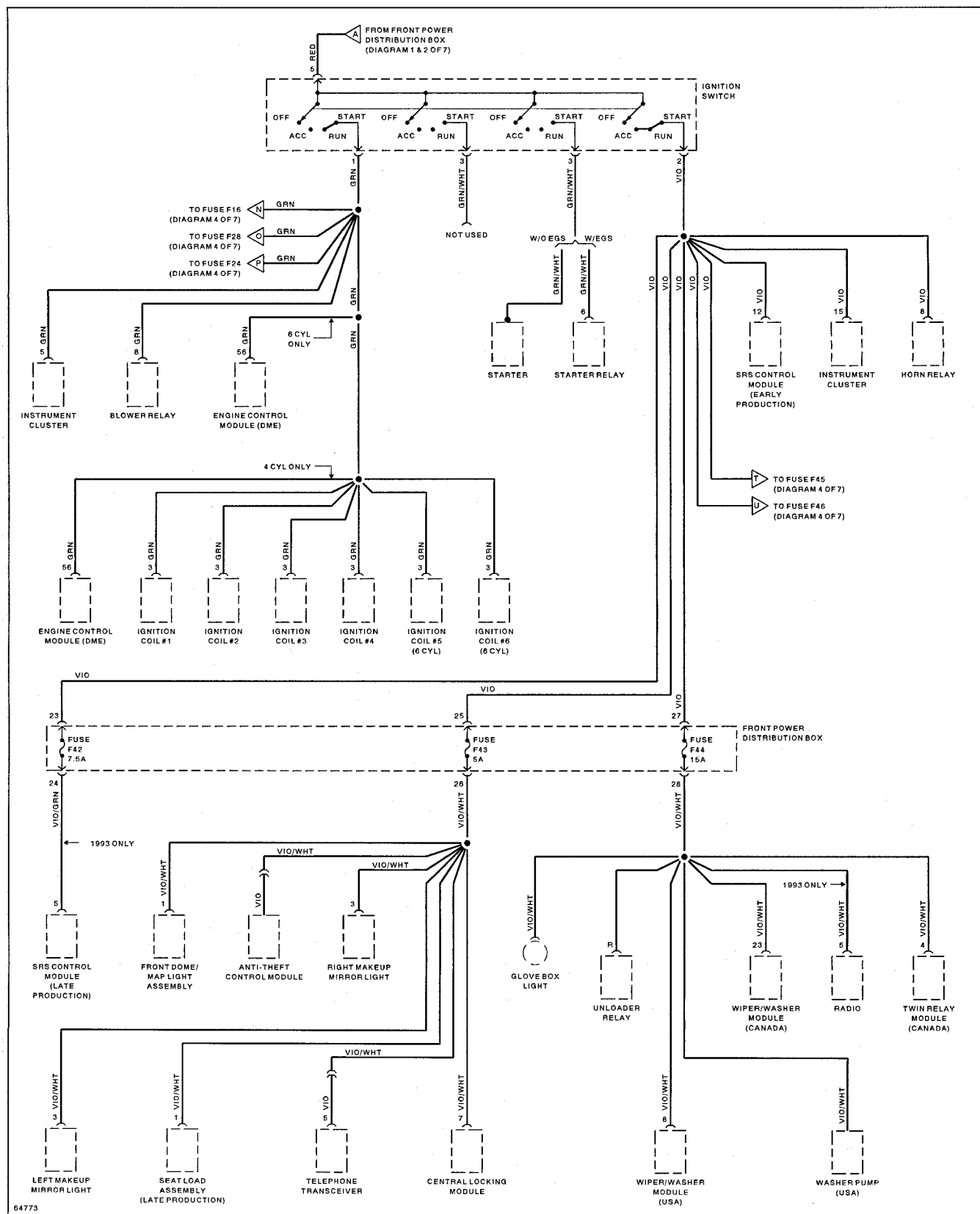
Power Distribution

1992-93 325i Only (2 of 7)



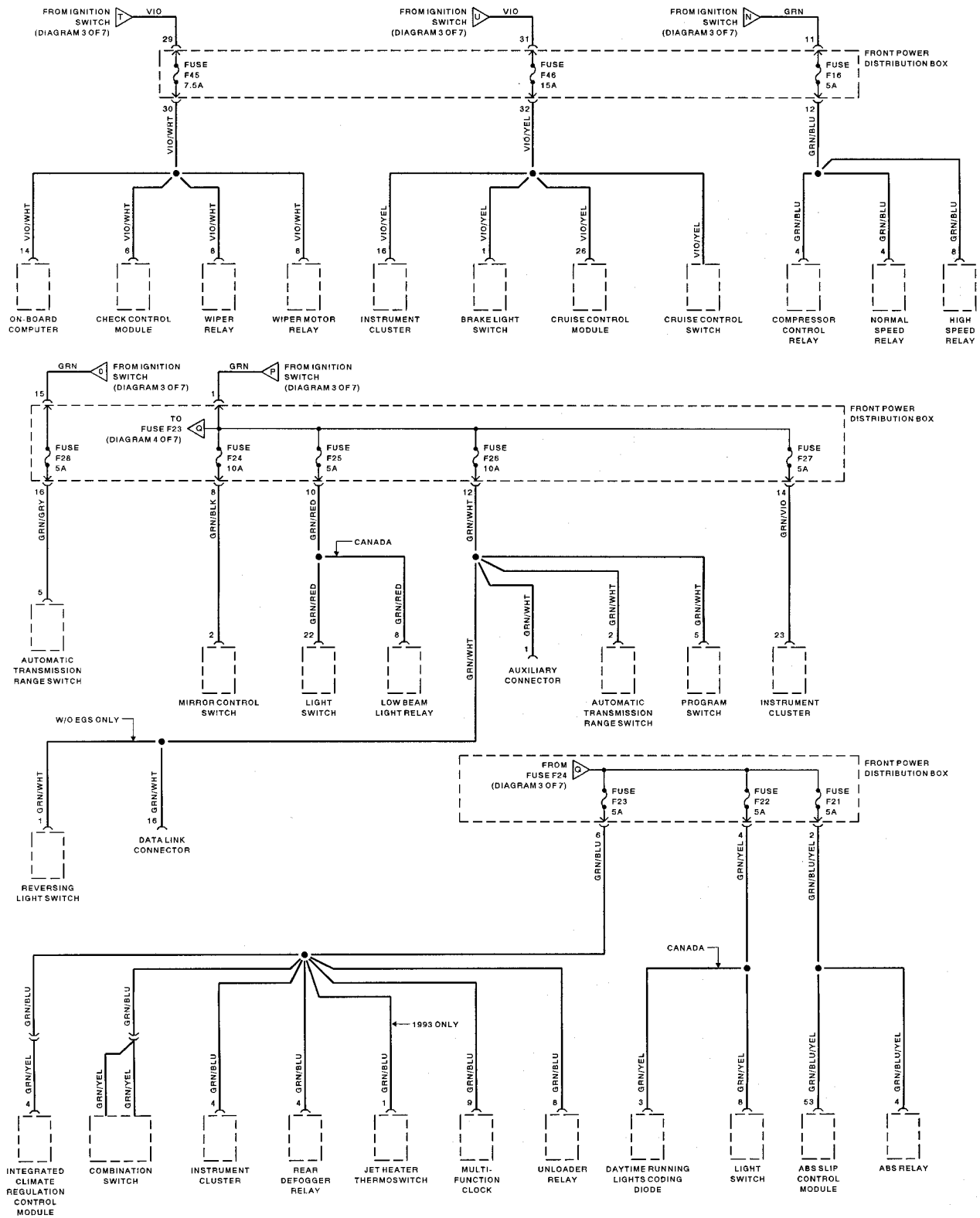
Power Distribution

1992-93 (3 of 7)



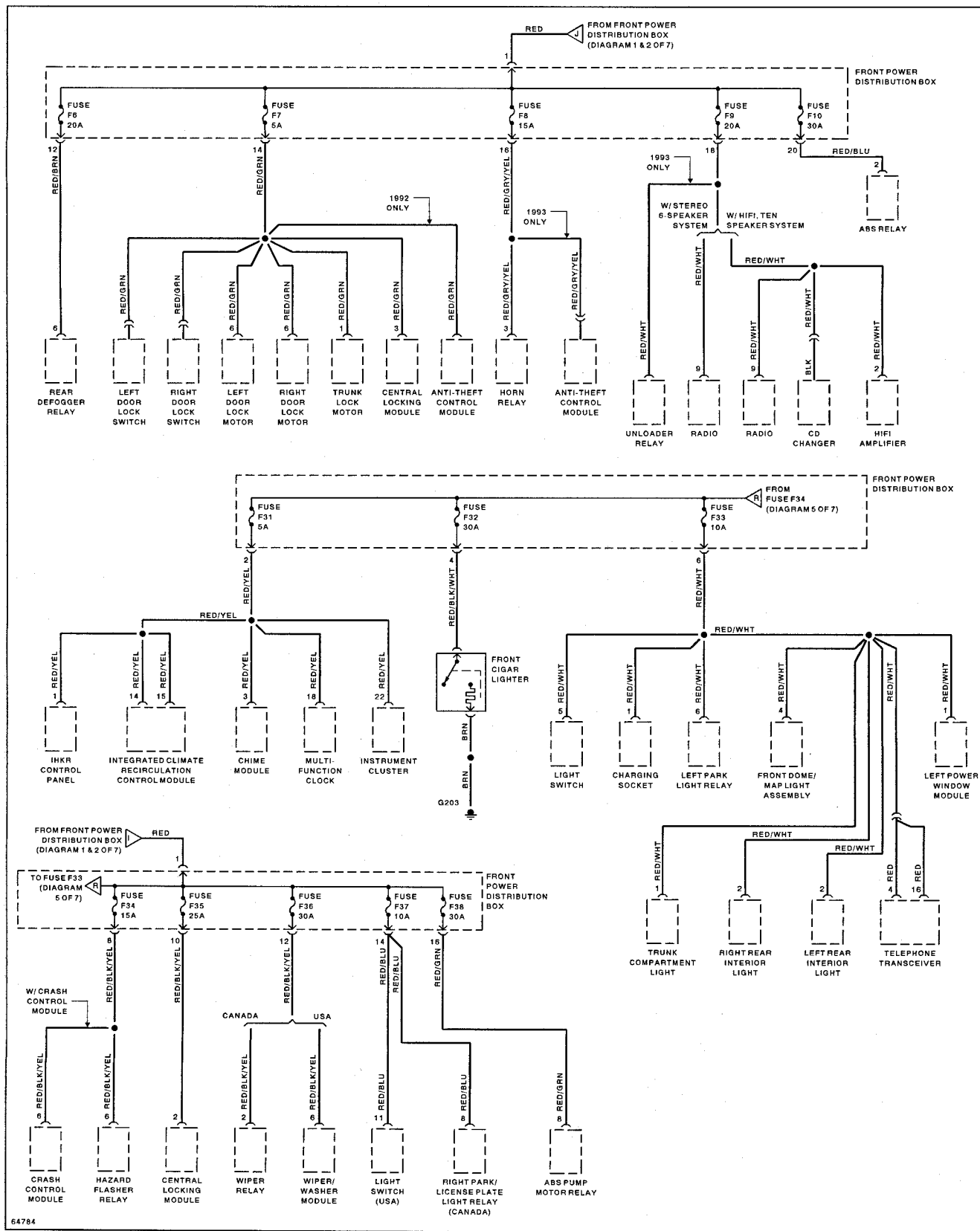
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1992-93 (4 of 7)



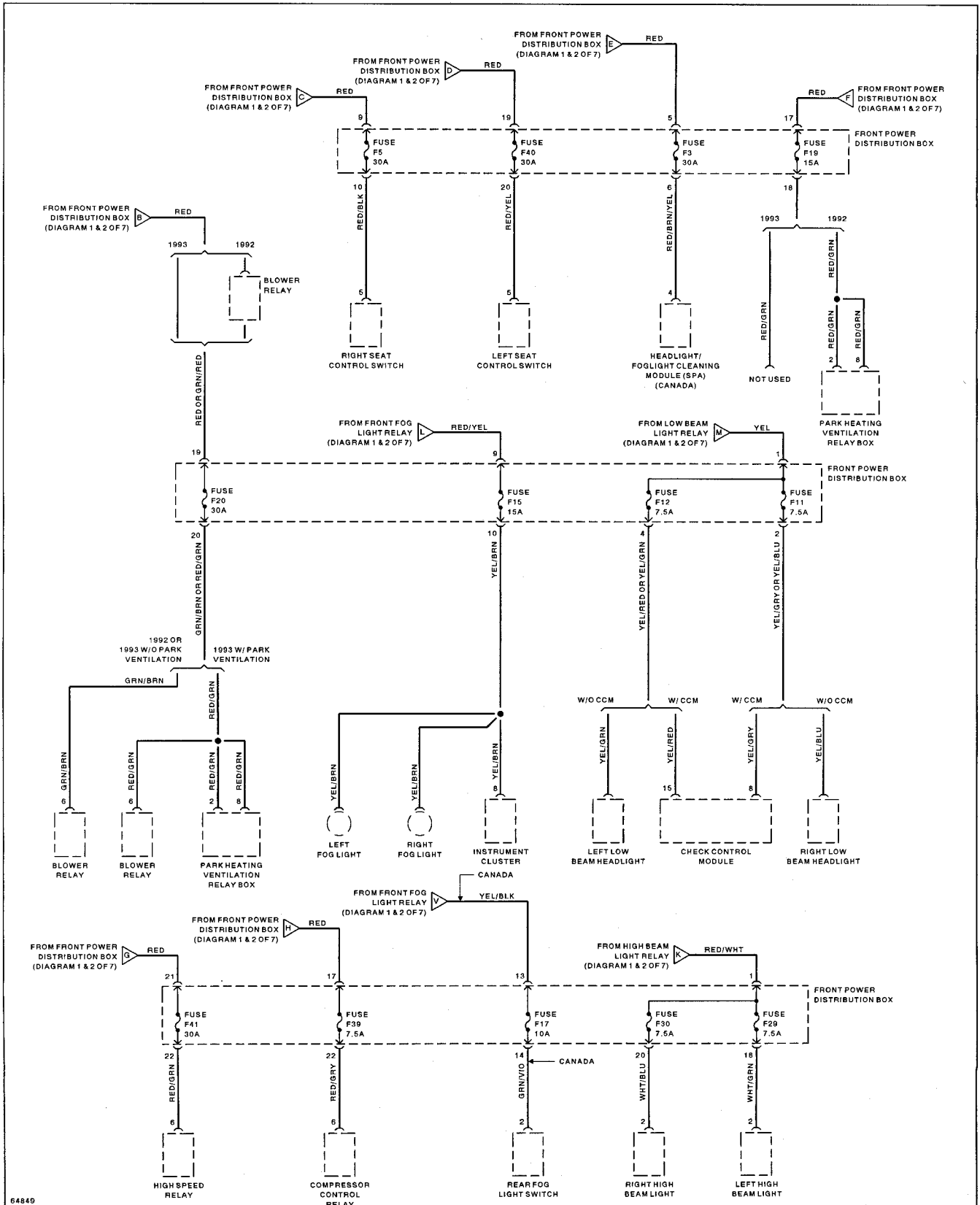
Power Distribution

1992-93 (5 of 7)



Power Distribution

1992-93 (6 of 7)



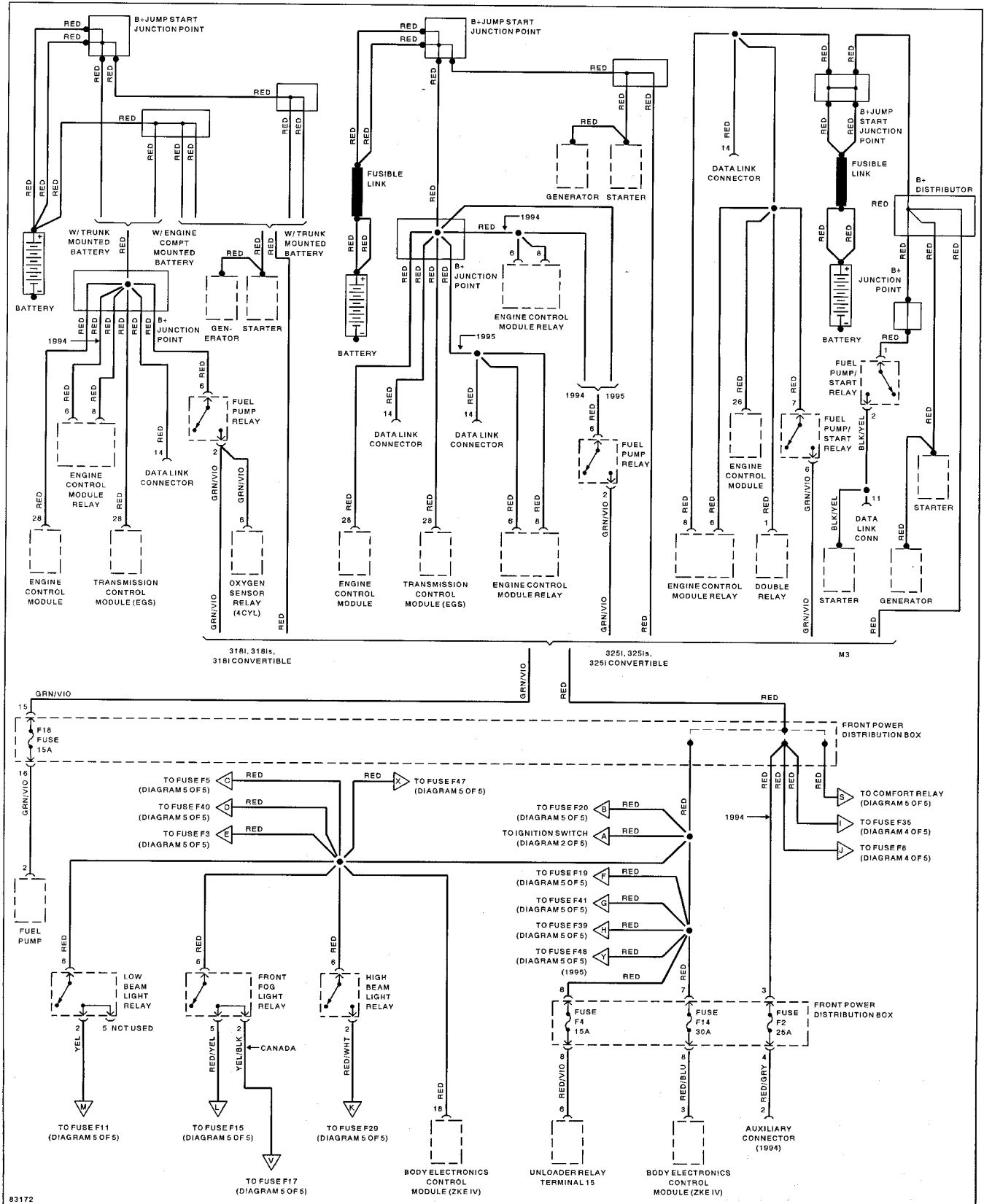
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1992-93 (7 of 7)



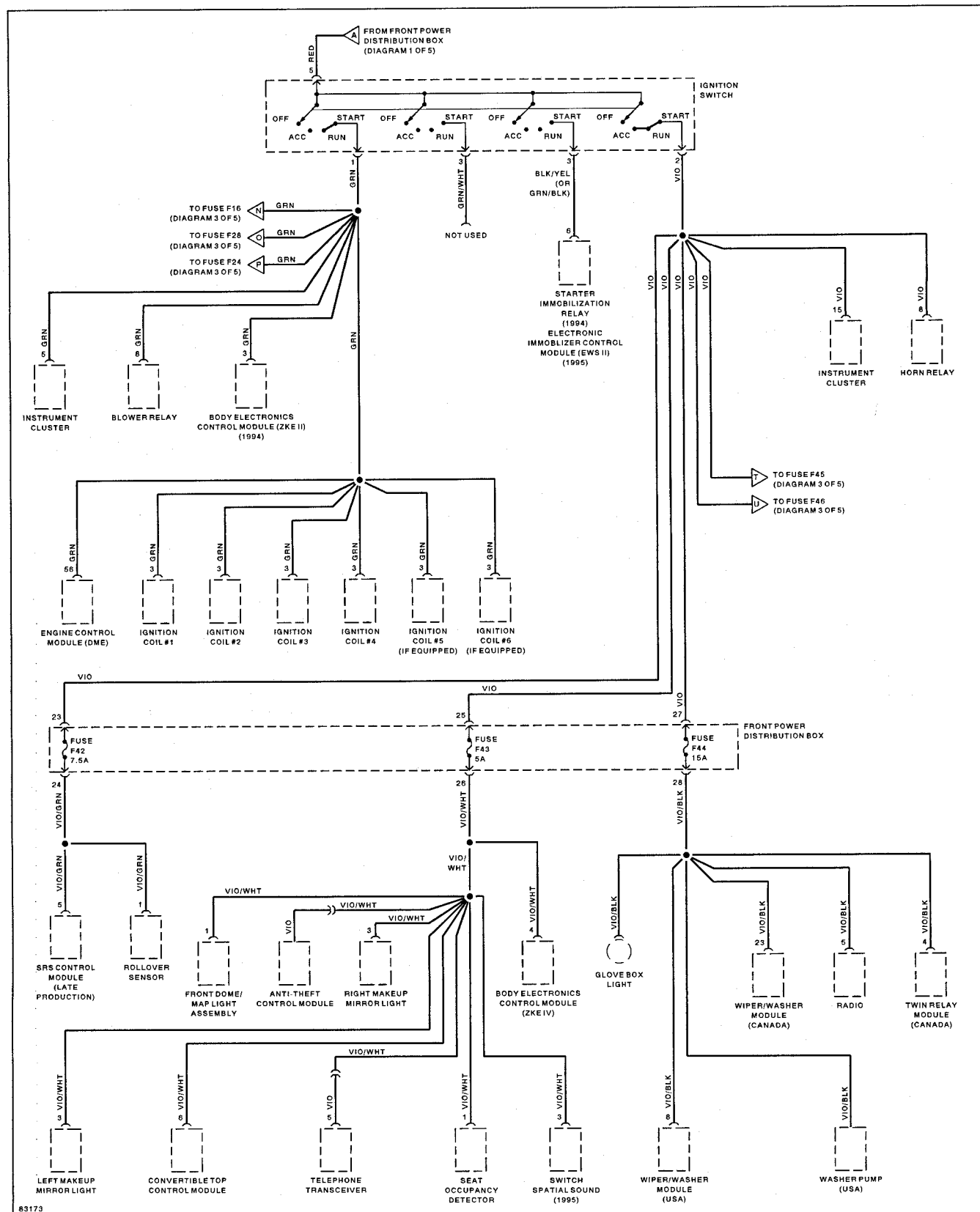
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1994-95 Except 318ti (1 of 5)



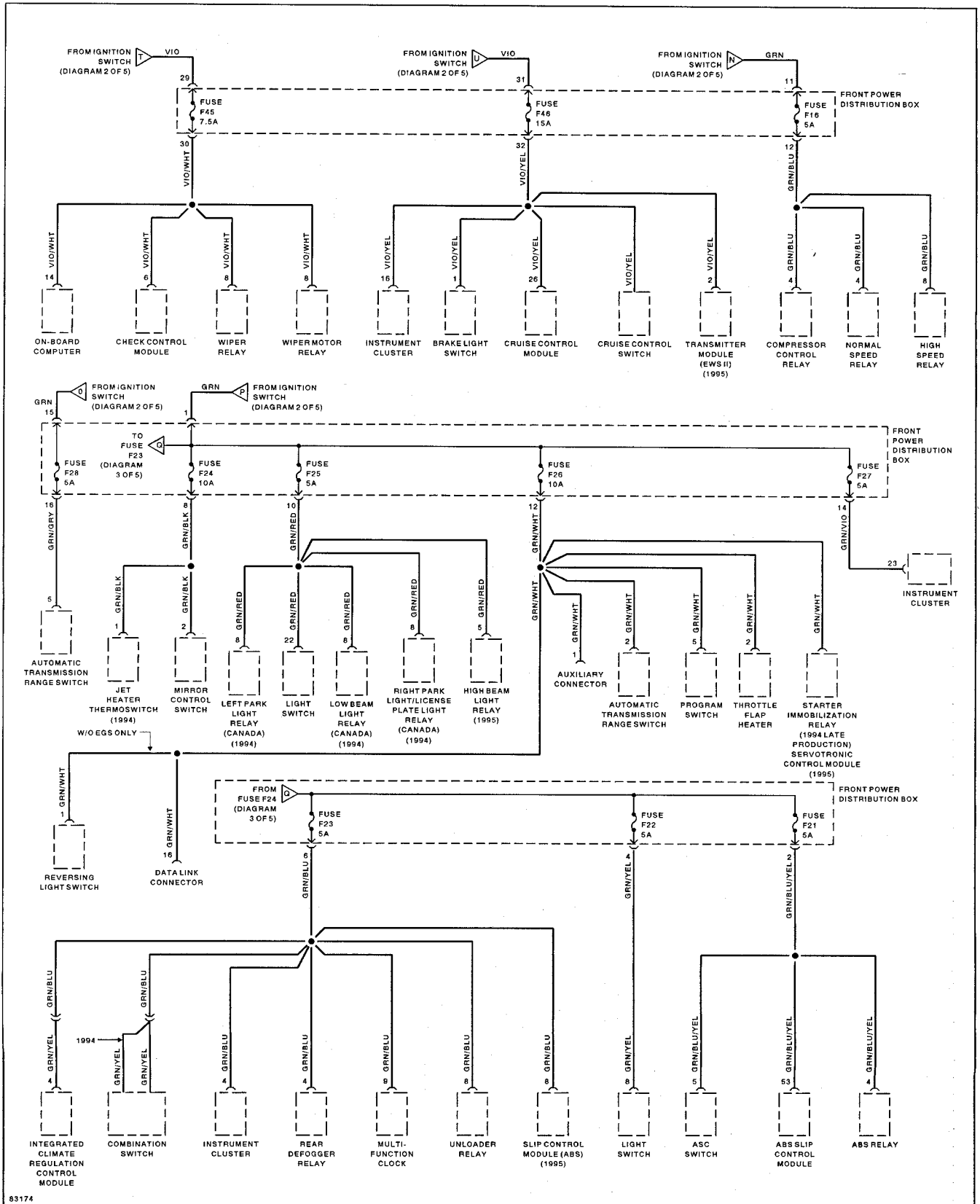
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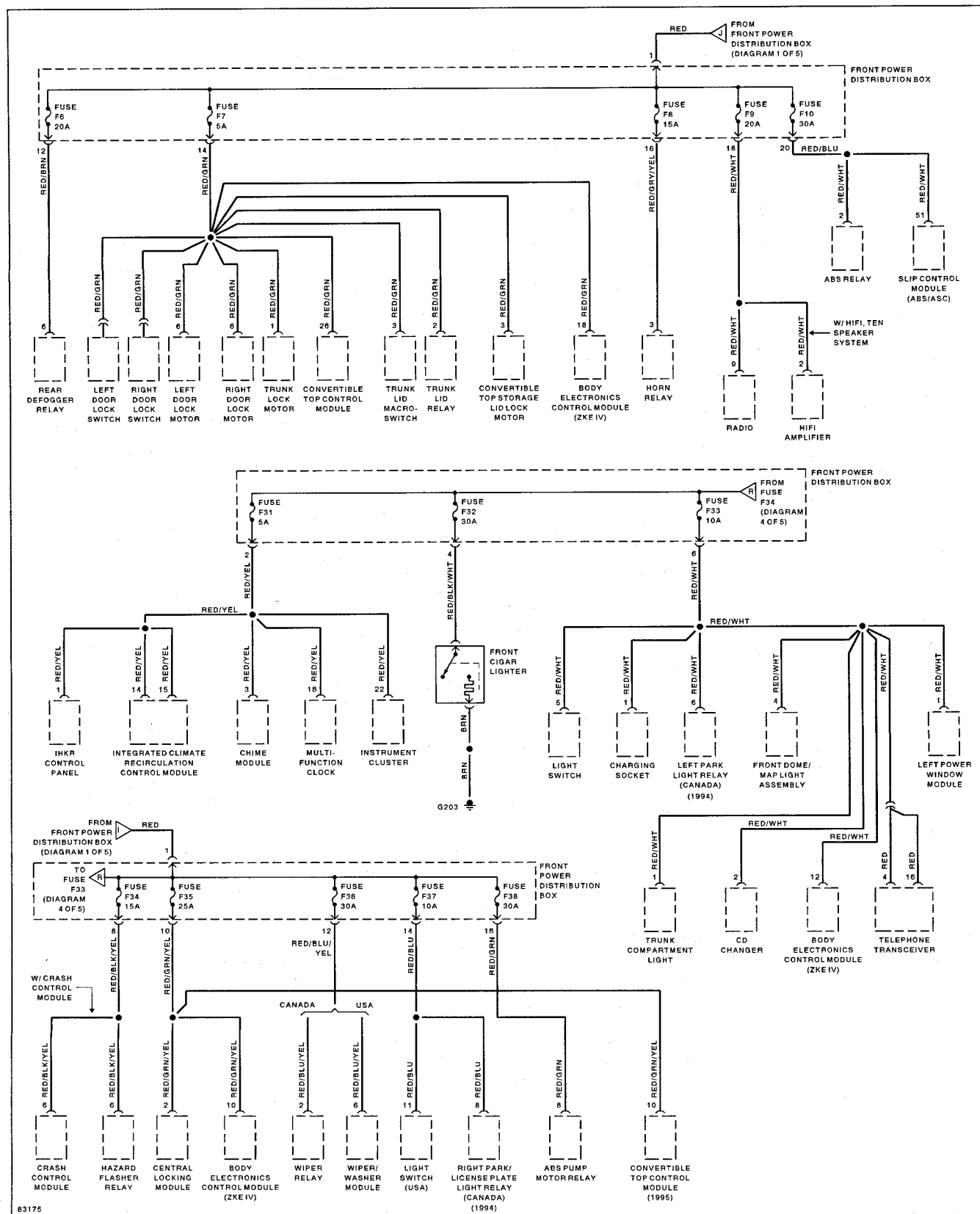
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1994-95 Except 318ti (3 of 5)



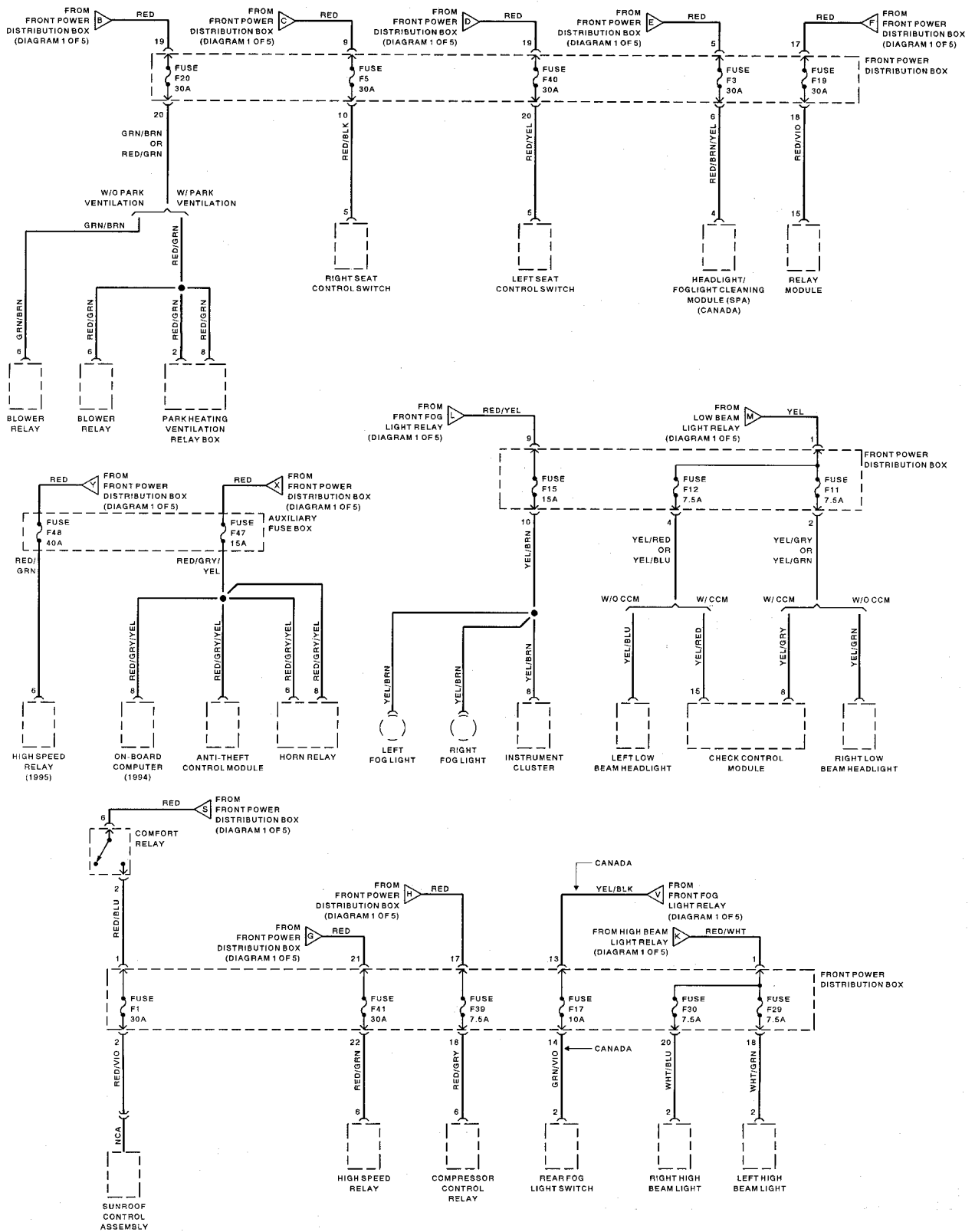
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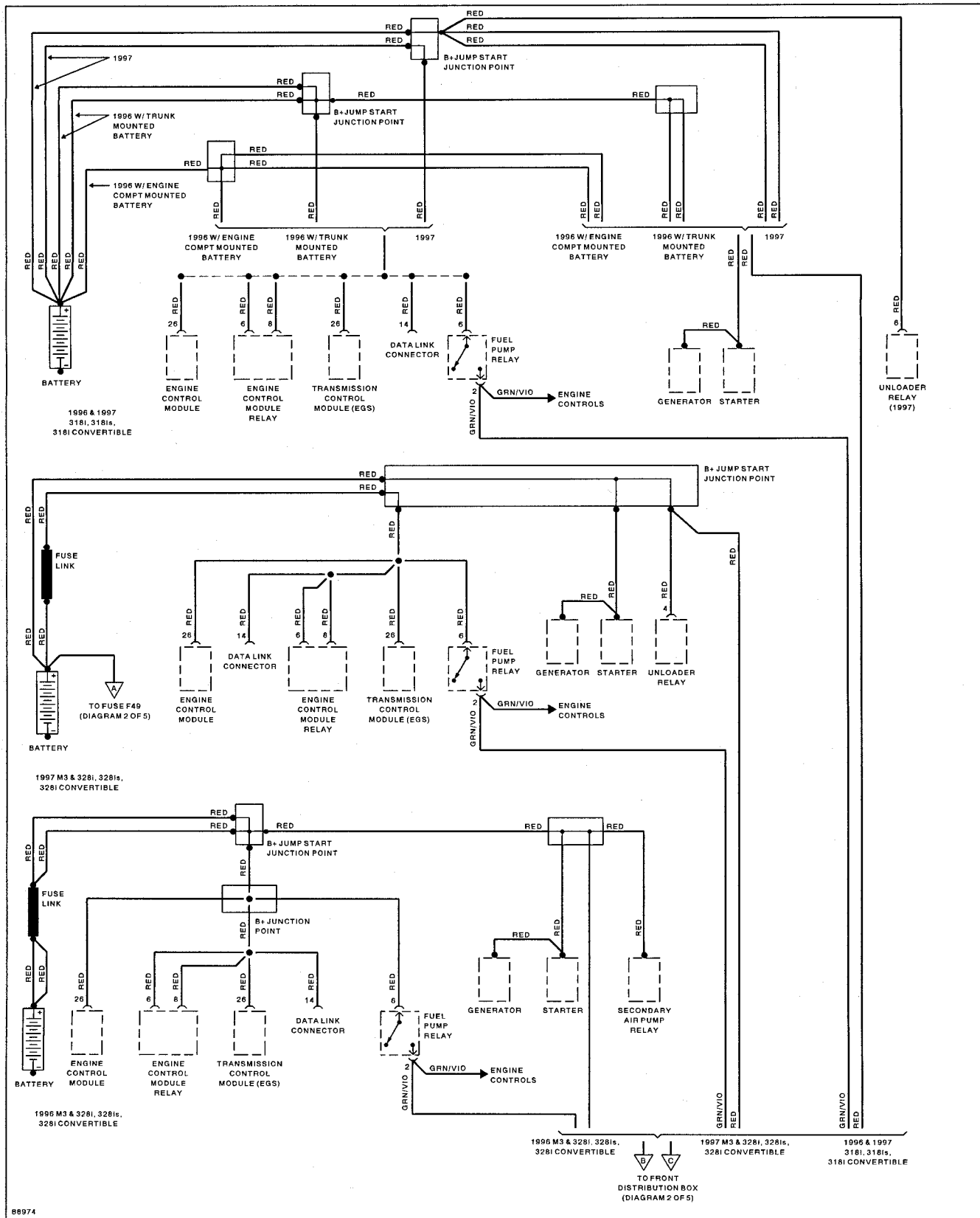


Power Distribution

1994-95 Except 318ti (5 of 5)

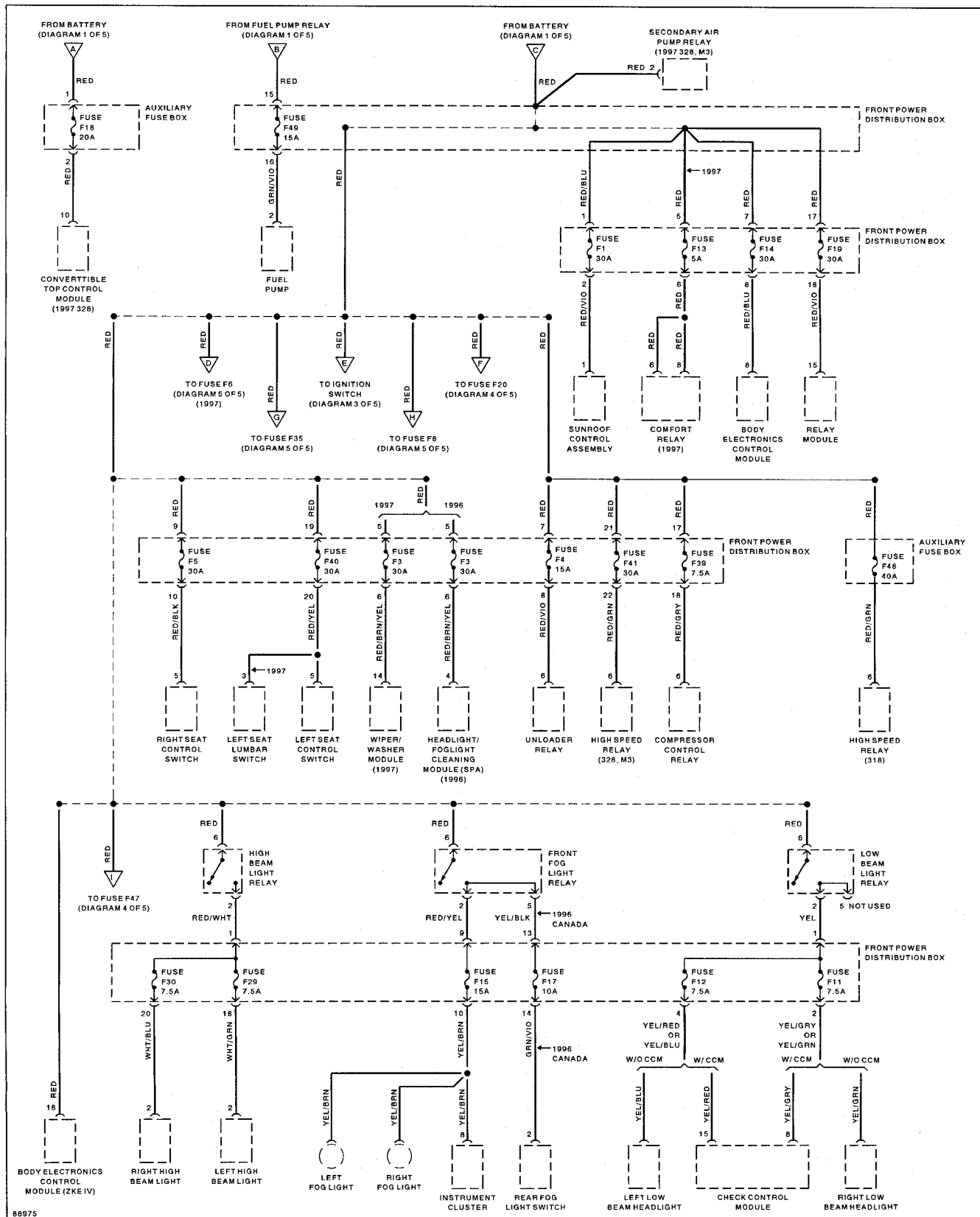


Power Distribution 1996-97 Except 318ti (1 of 5)



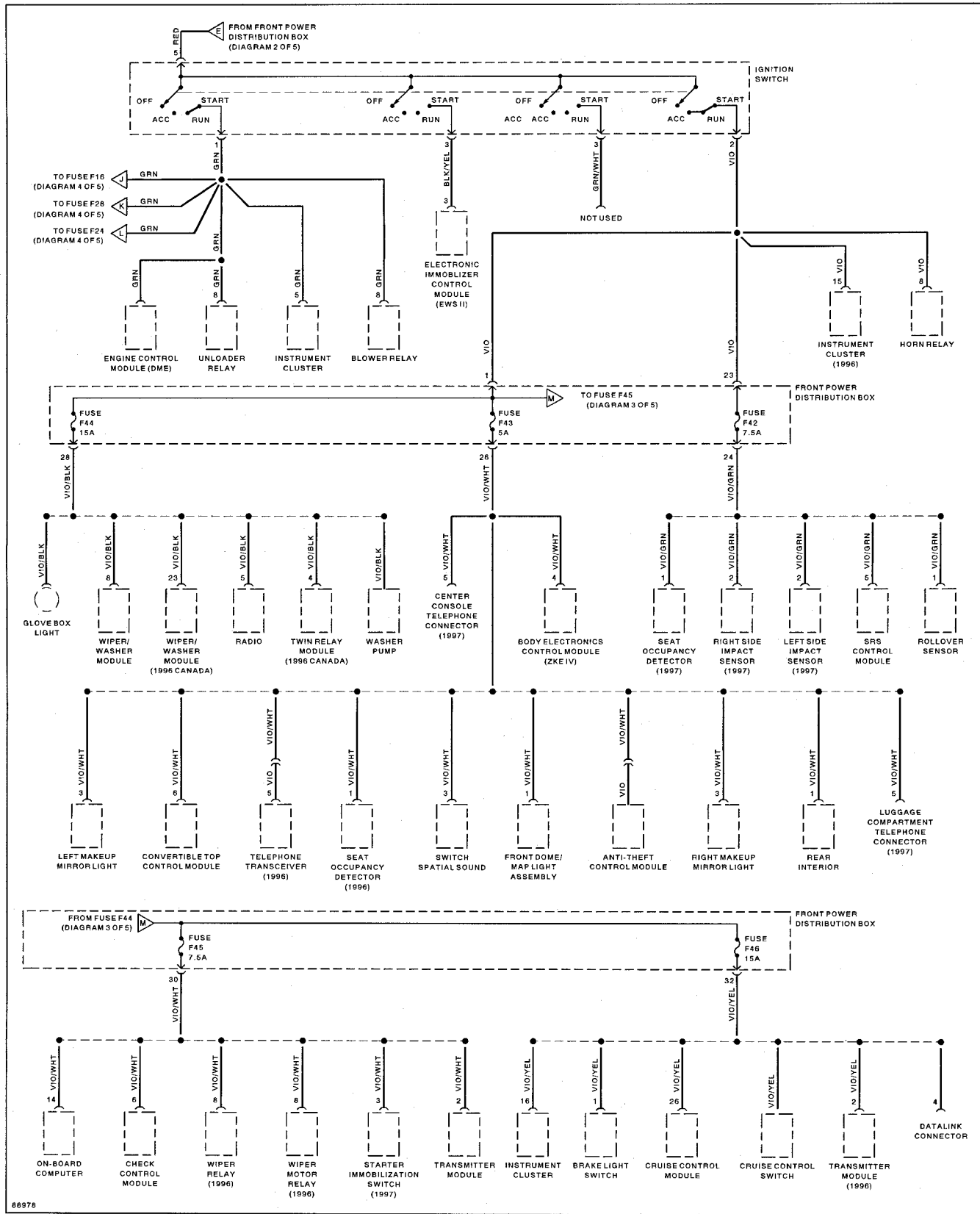
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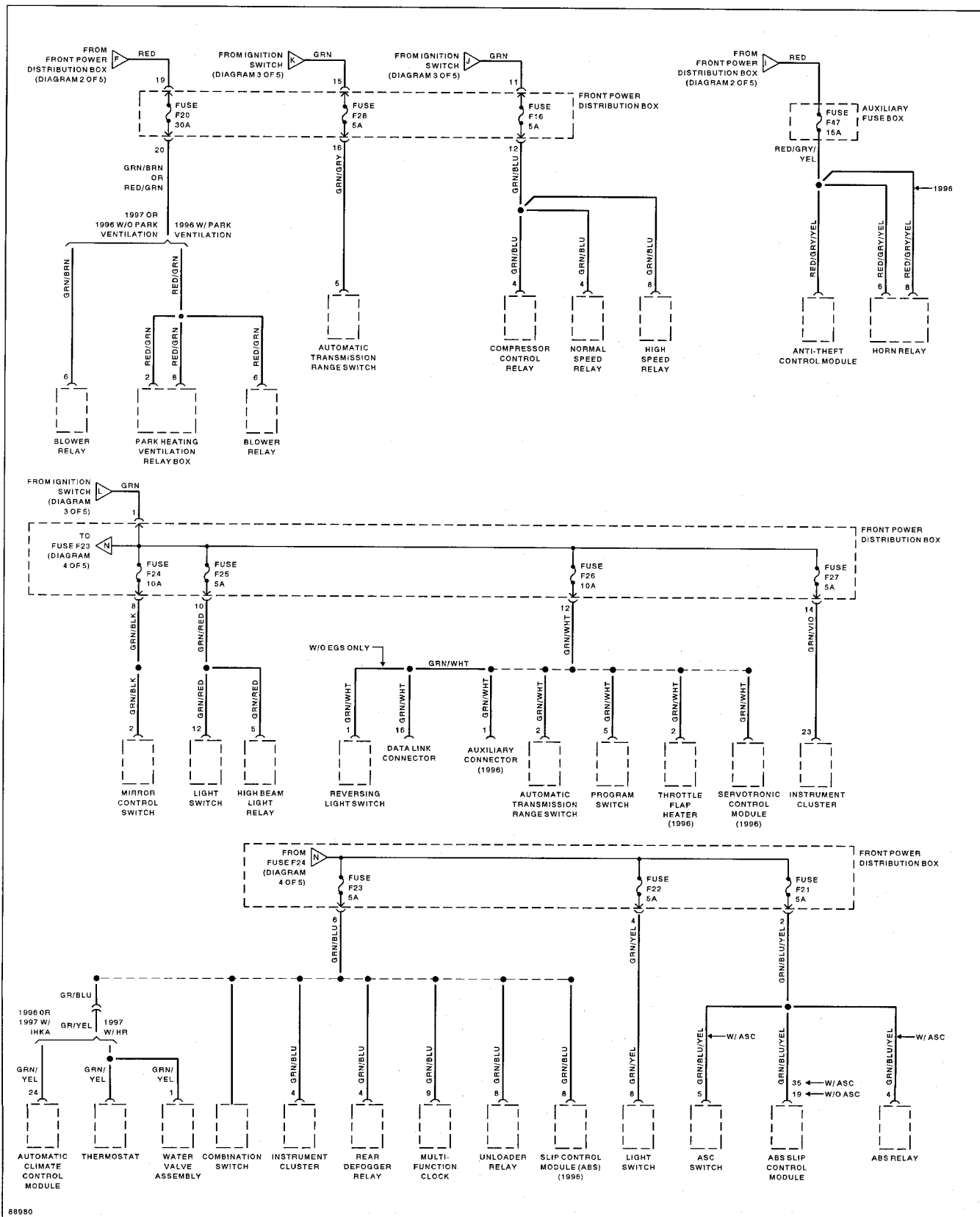
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1996-97 Except 318ti (3 of 5)



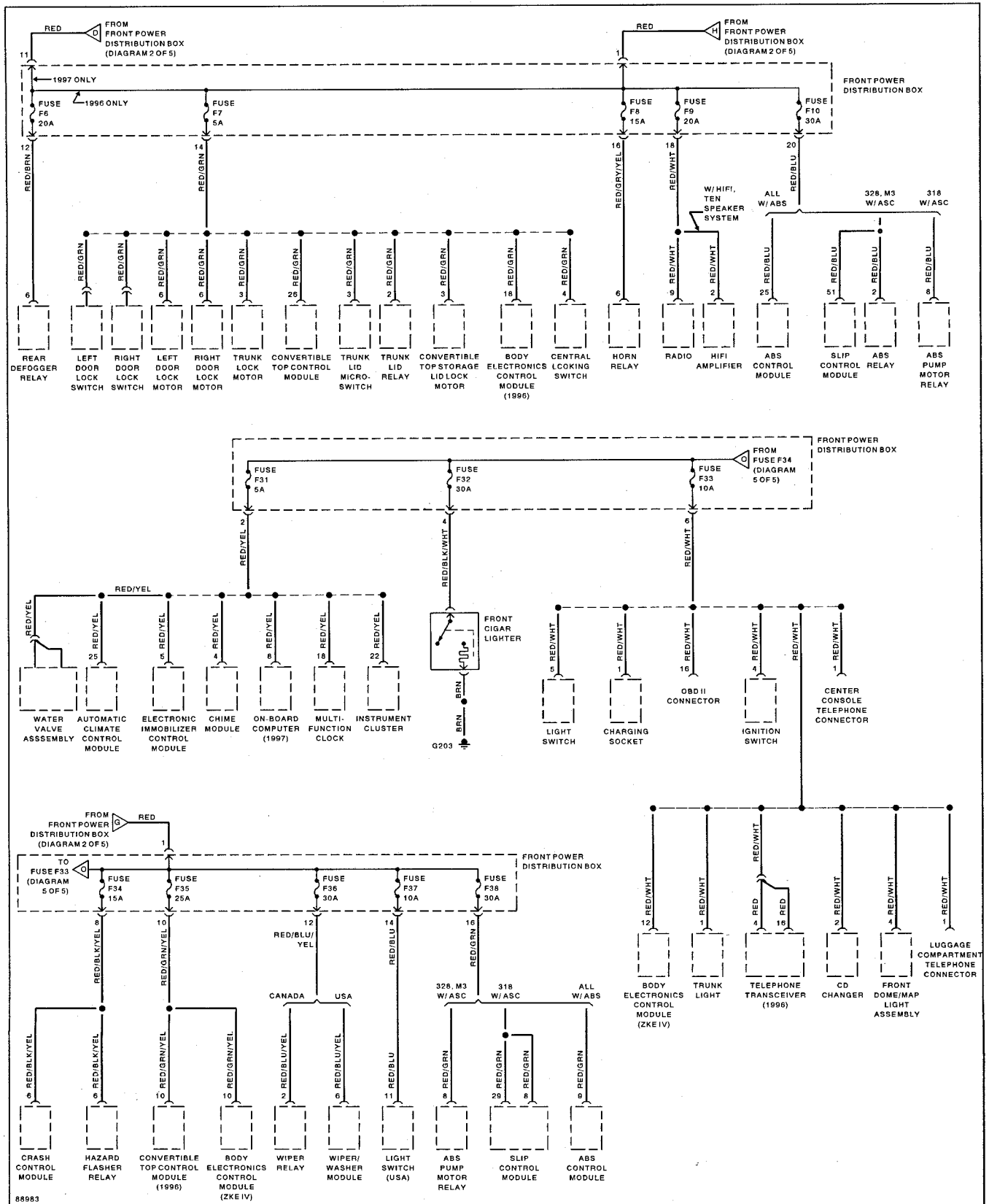
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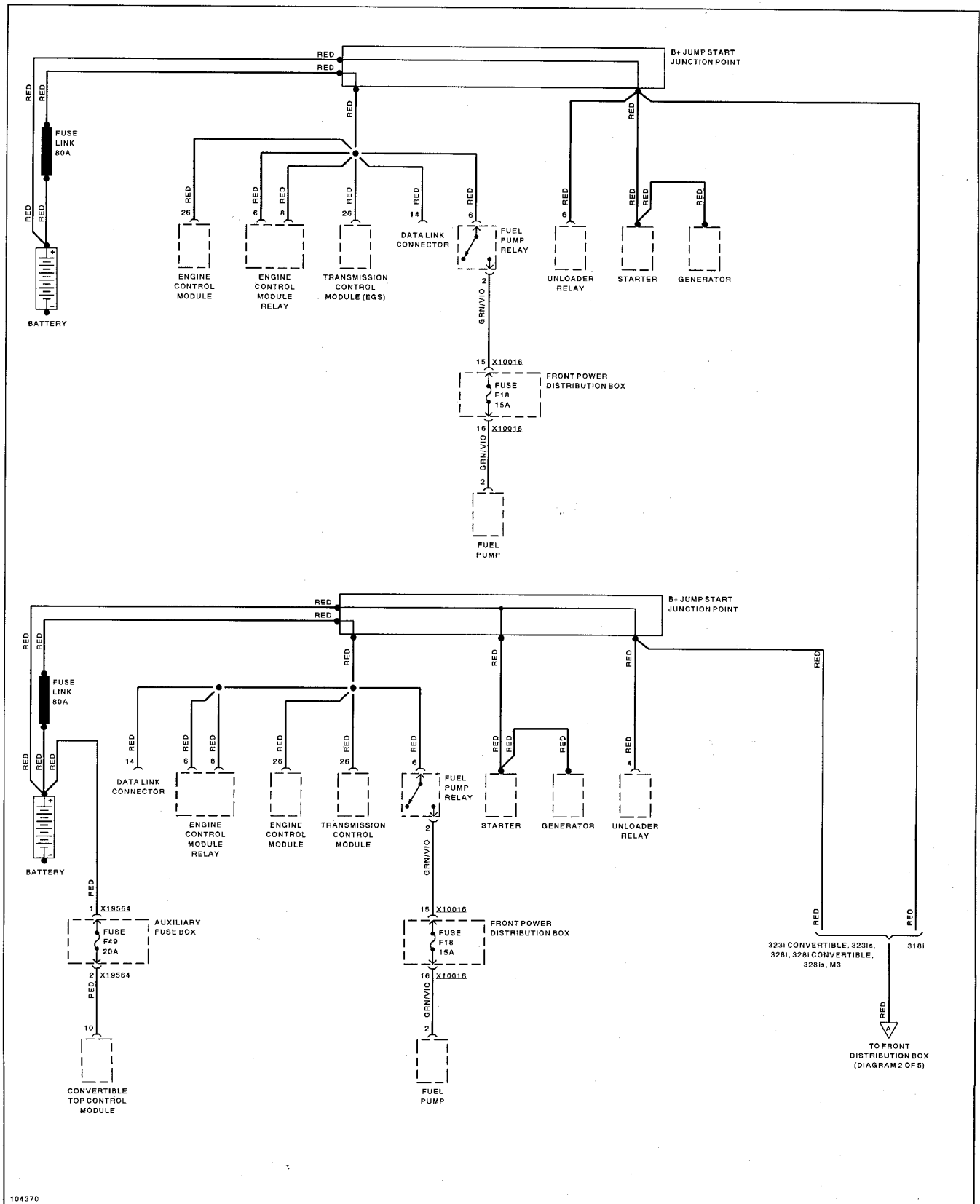
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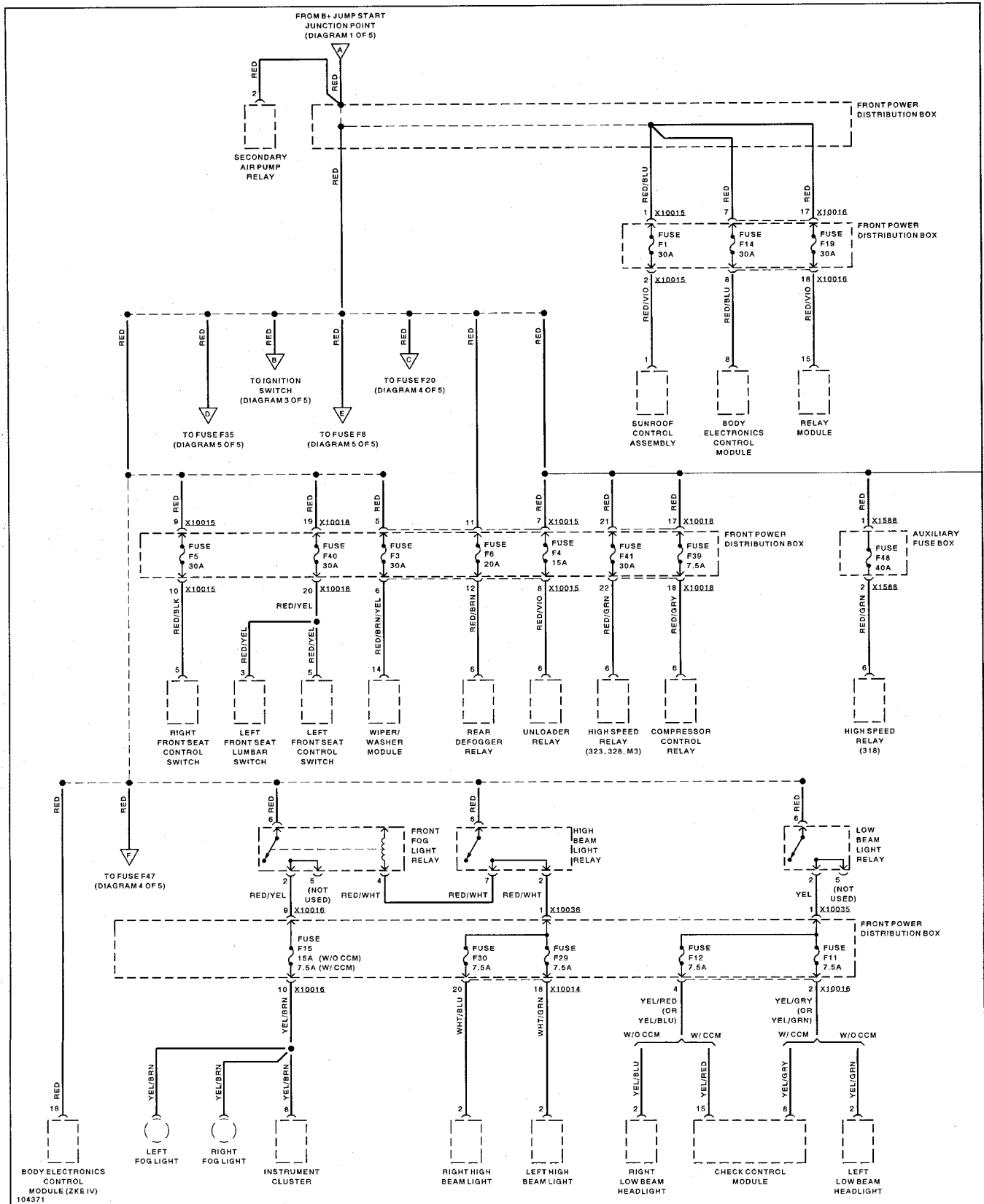
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1998 Except 318ti (1 of 5)



Power Distribution

1998 Except 318ti (2 of 5)



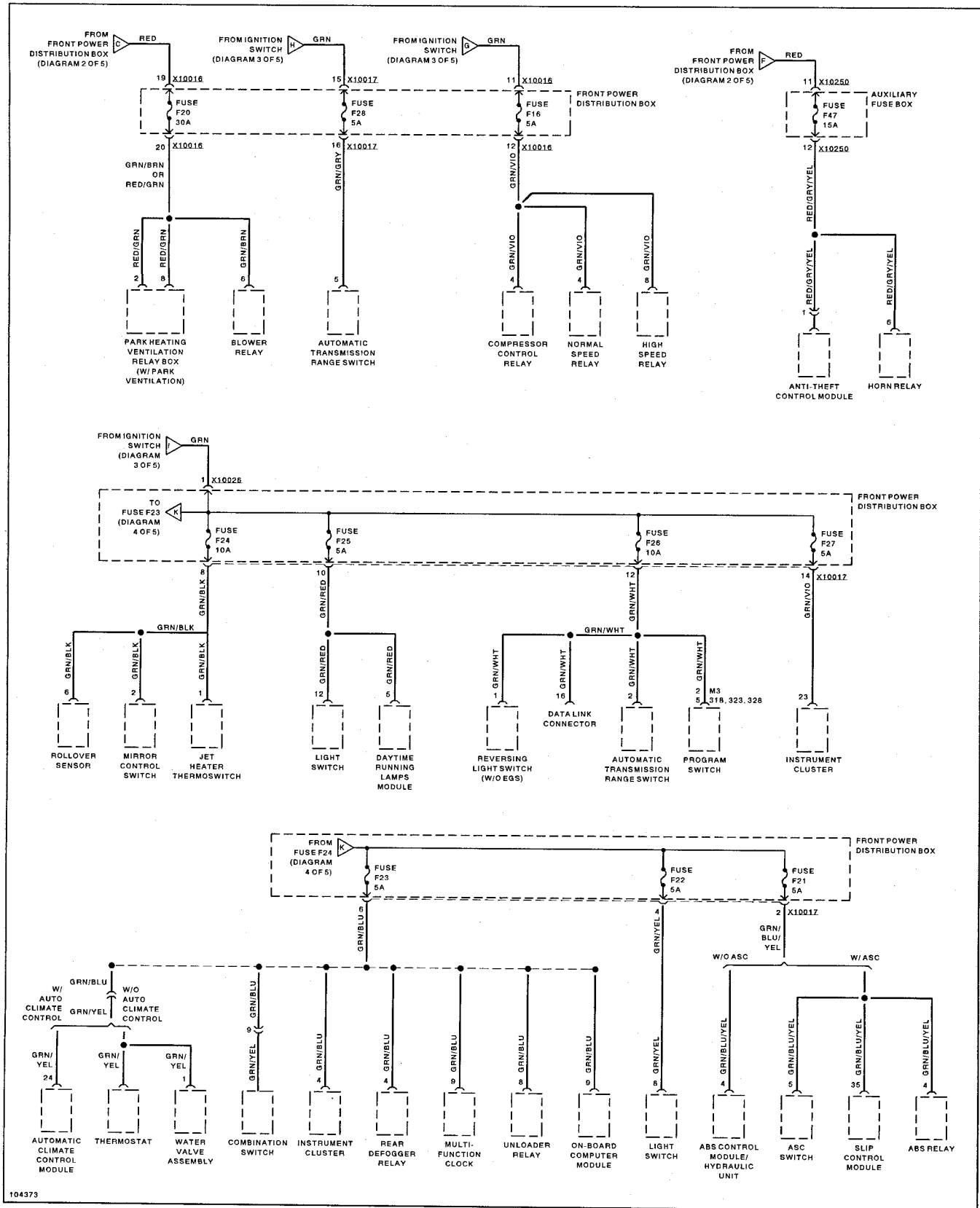
Power Distribution

1998 Except 318ti (3 of 5)



Power Distribution

1998 Except 318ti (4 of 5)



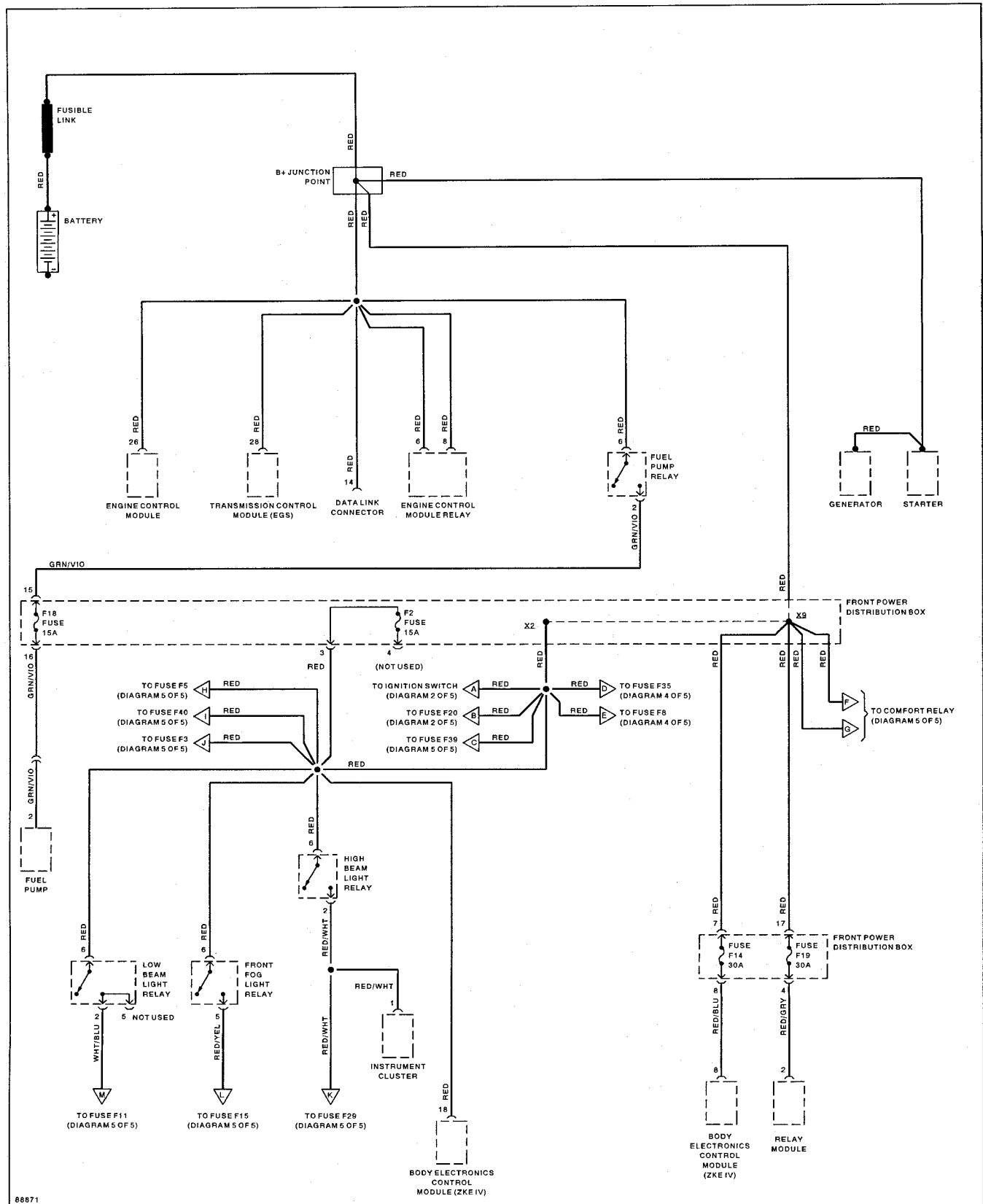
Power Distribution

1998 Except 318ti (5 of 5)



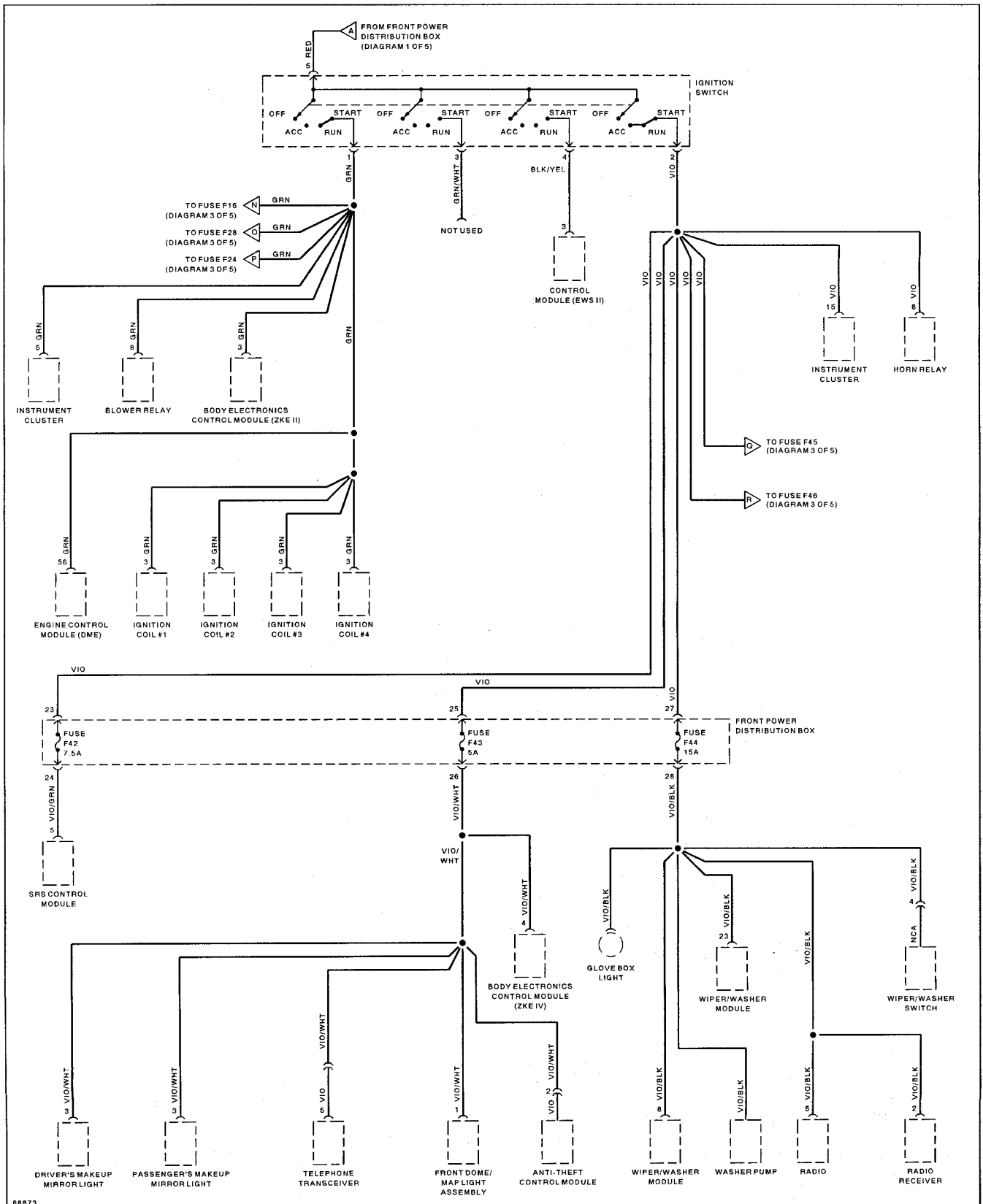
Power Distribution

1995-96 318ti (1 of 5)



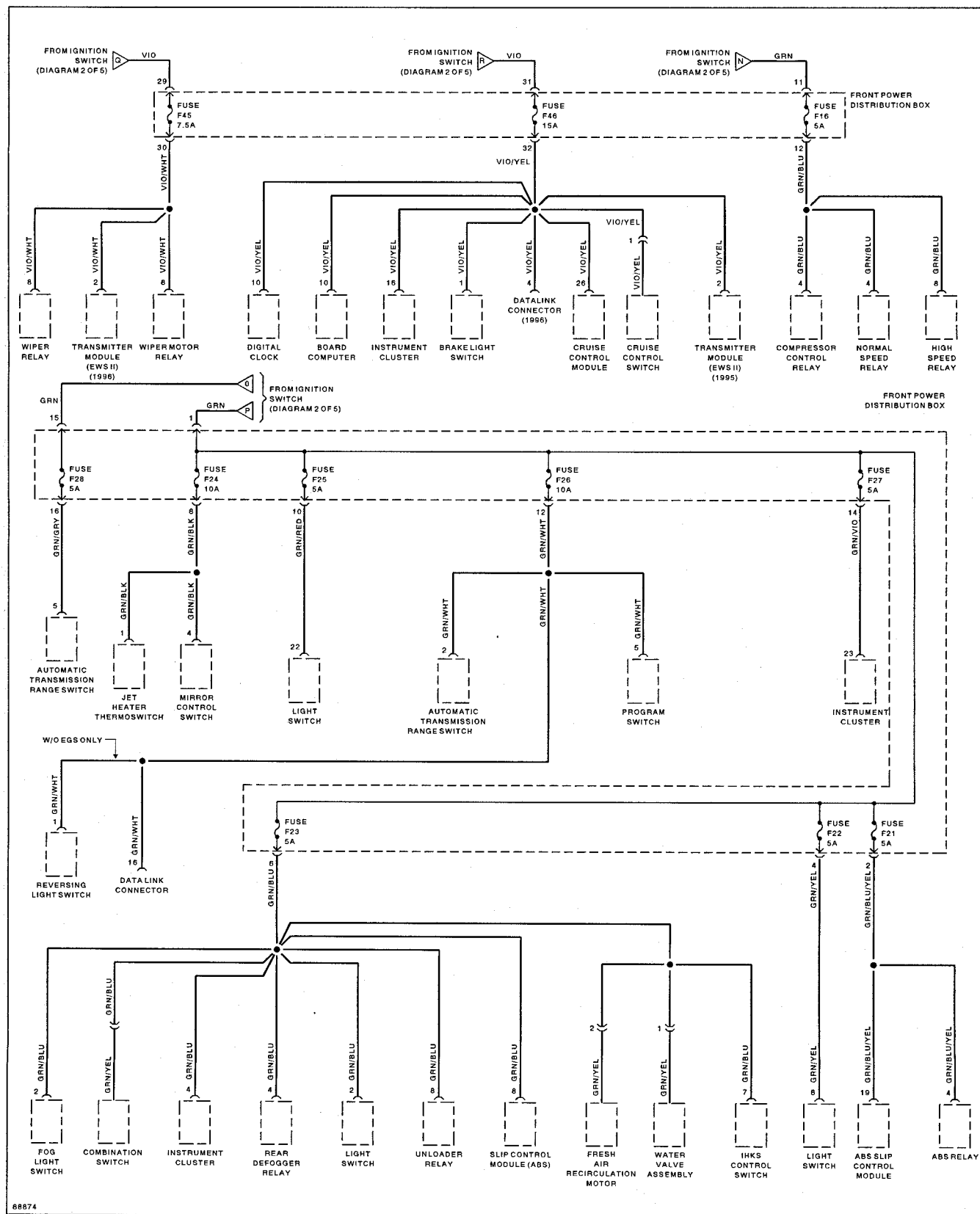
Power Distribution

1995-96 318ti (2 of 5)



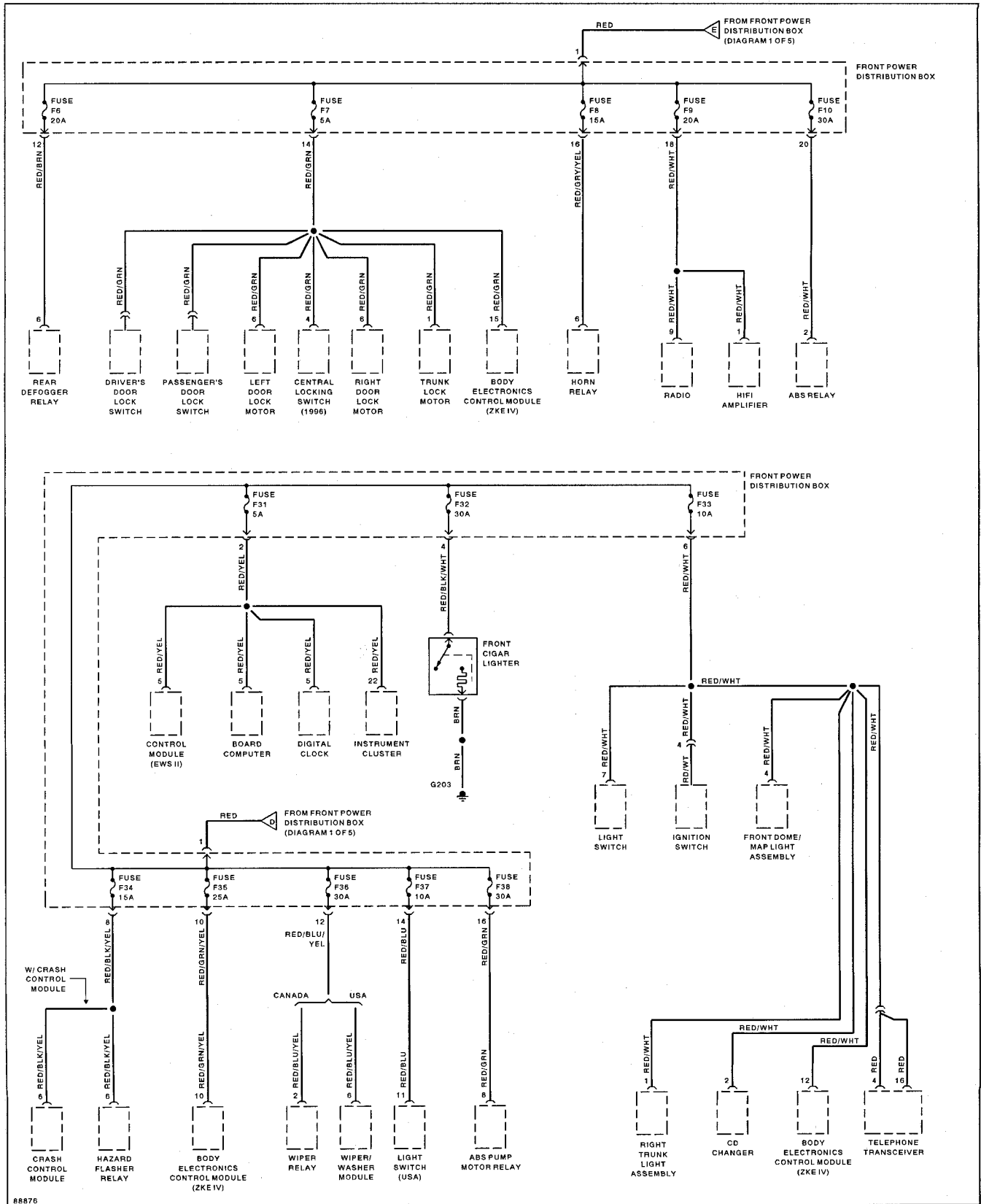
Power Distribution

1995-96 318ti (3 of 5)



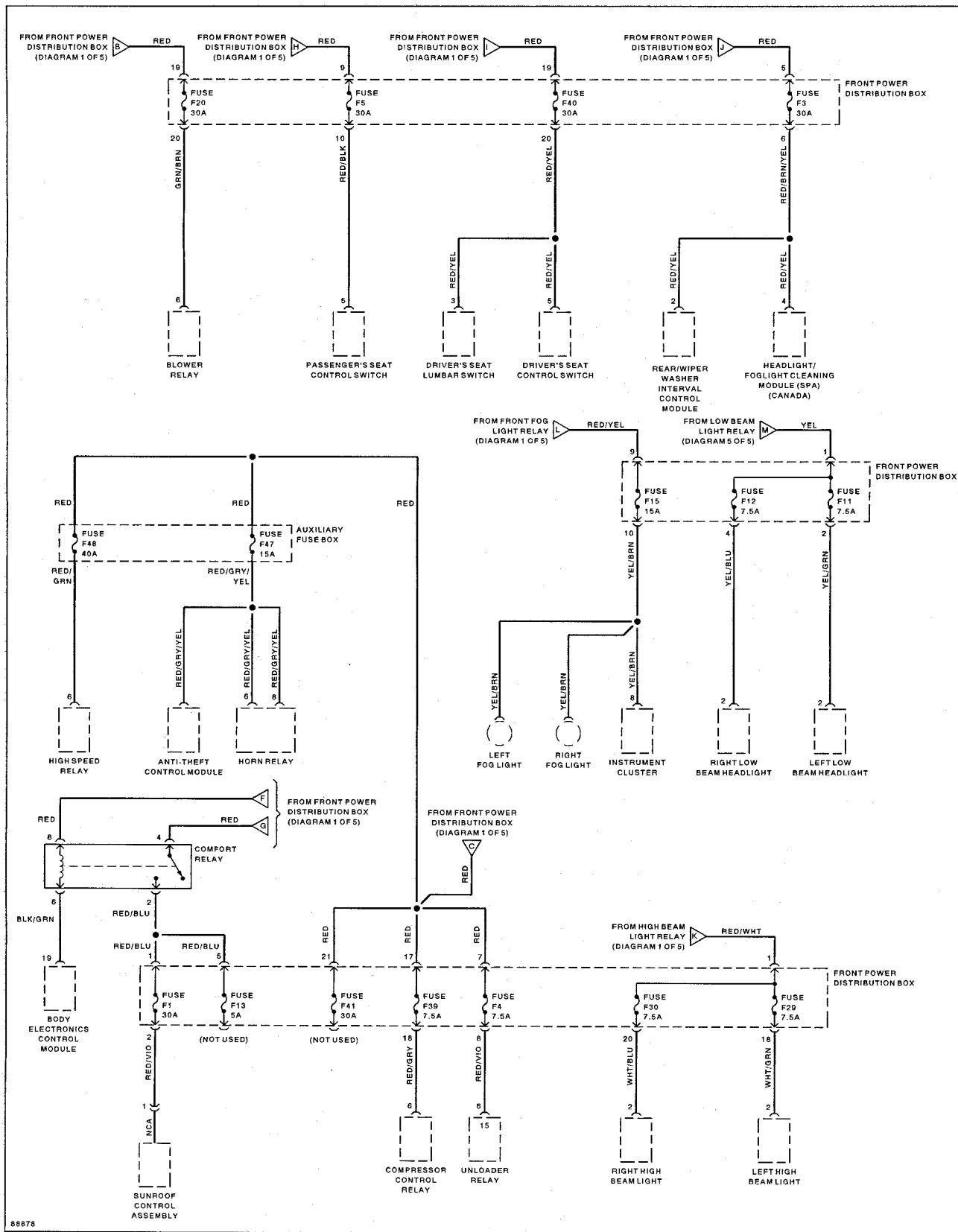
Power Distribution

1995-96 318ti (4 of 5)



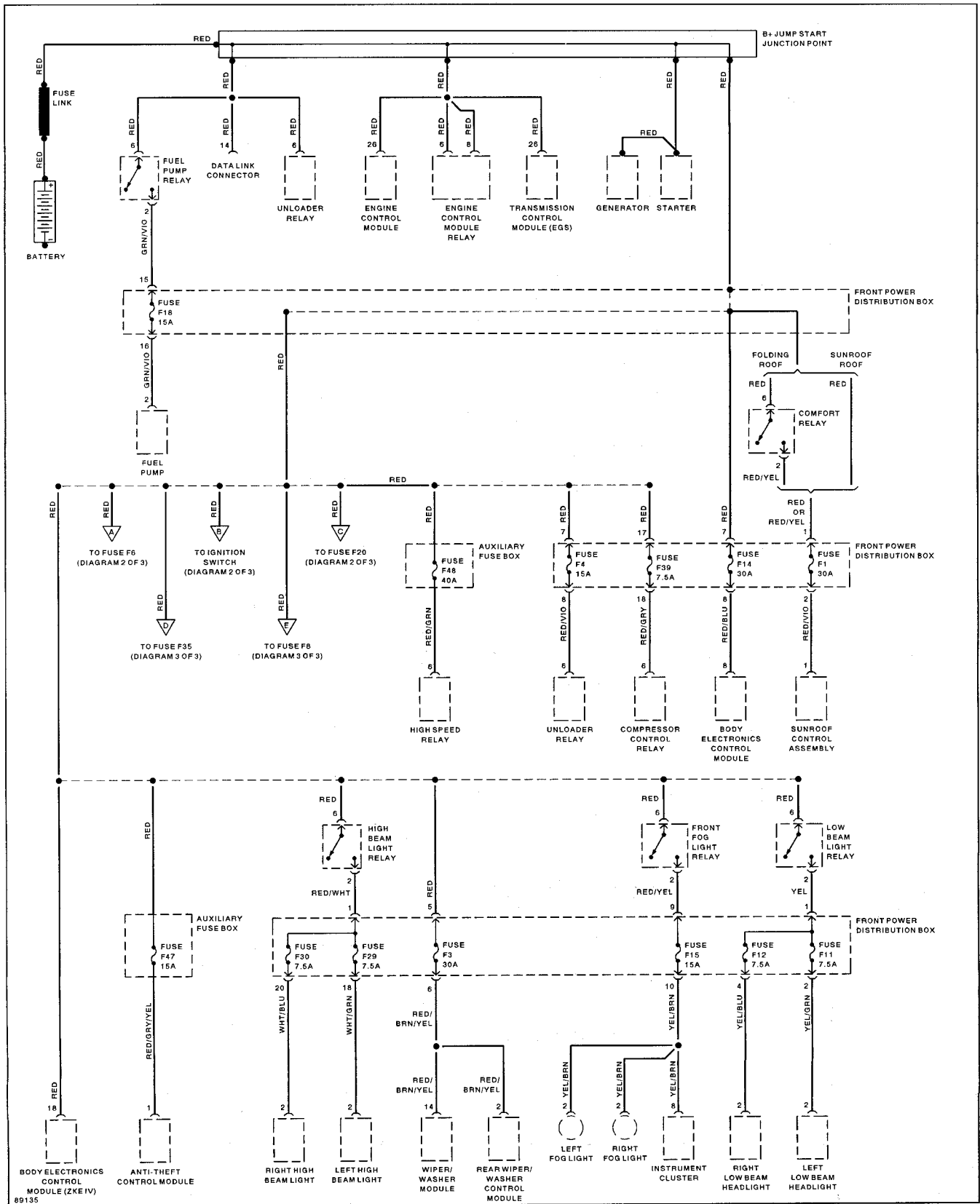
Power Distribution

1995-96 318ti (5 of 5)



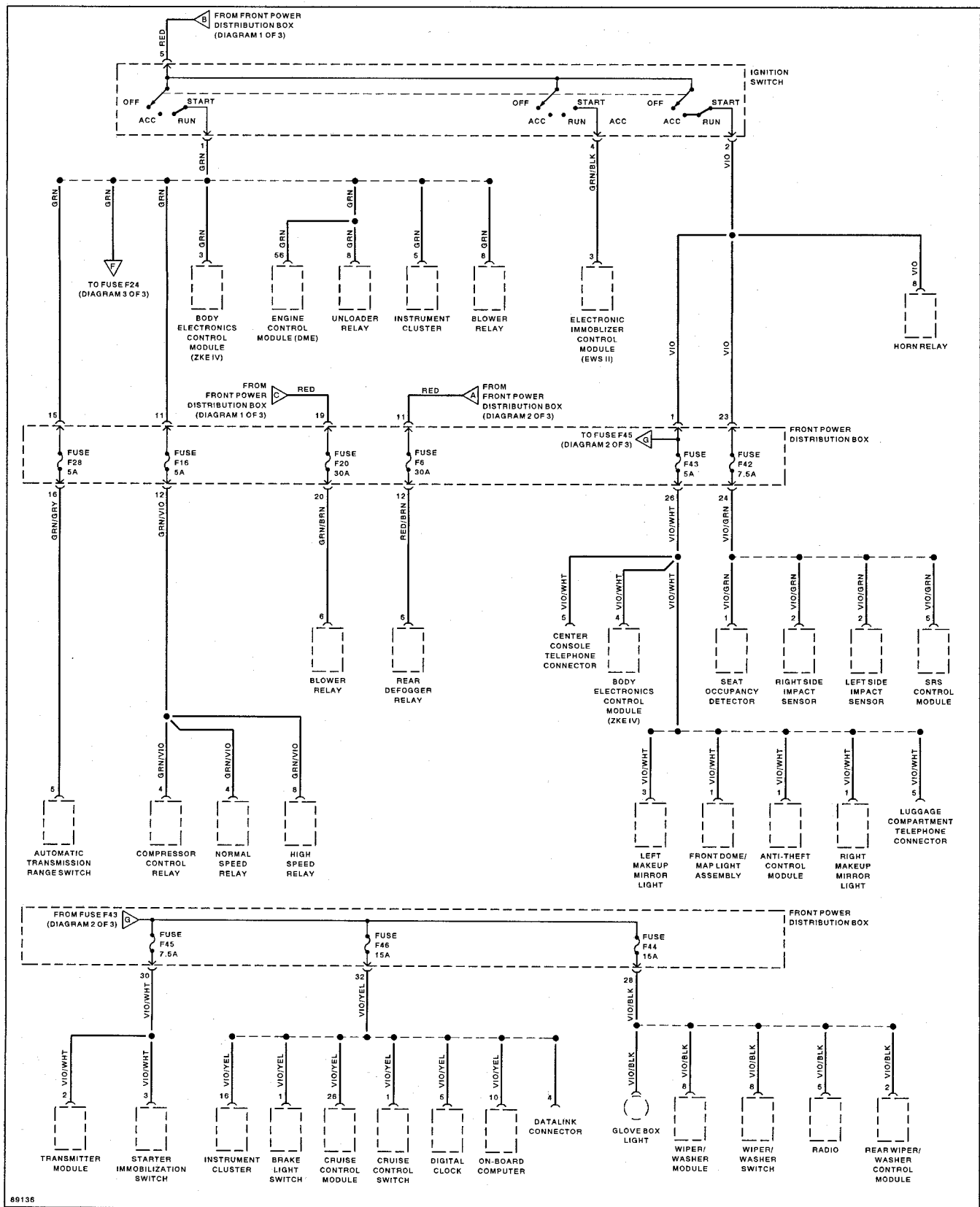
Power Distribution

1997 318ti (1 of 3)



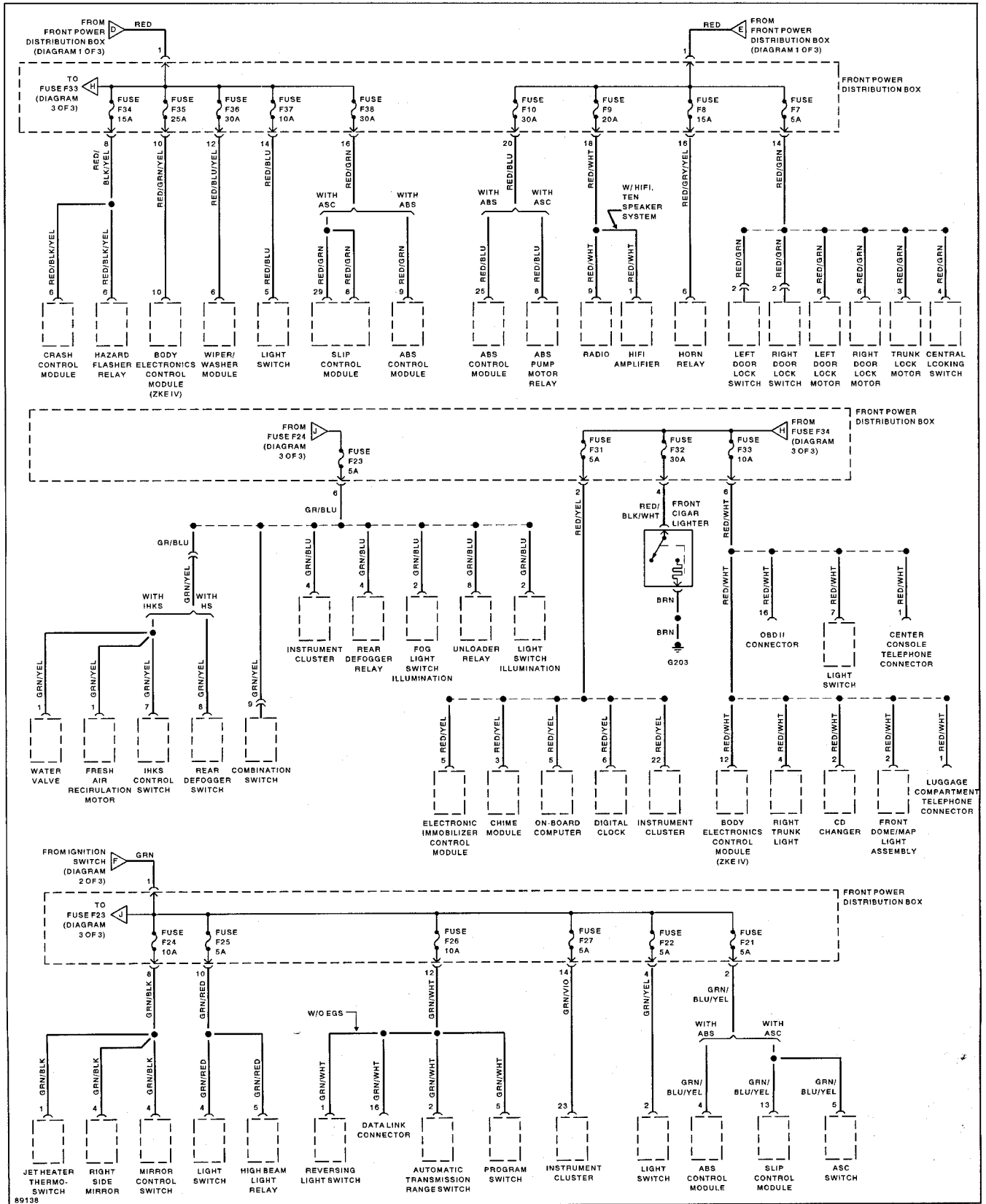
Power Distribution

1997 318ti (2 of 3)



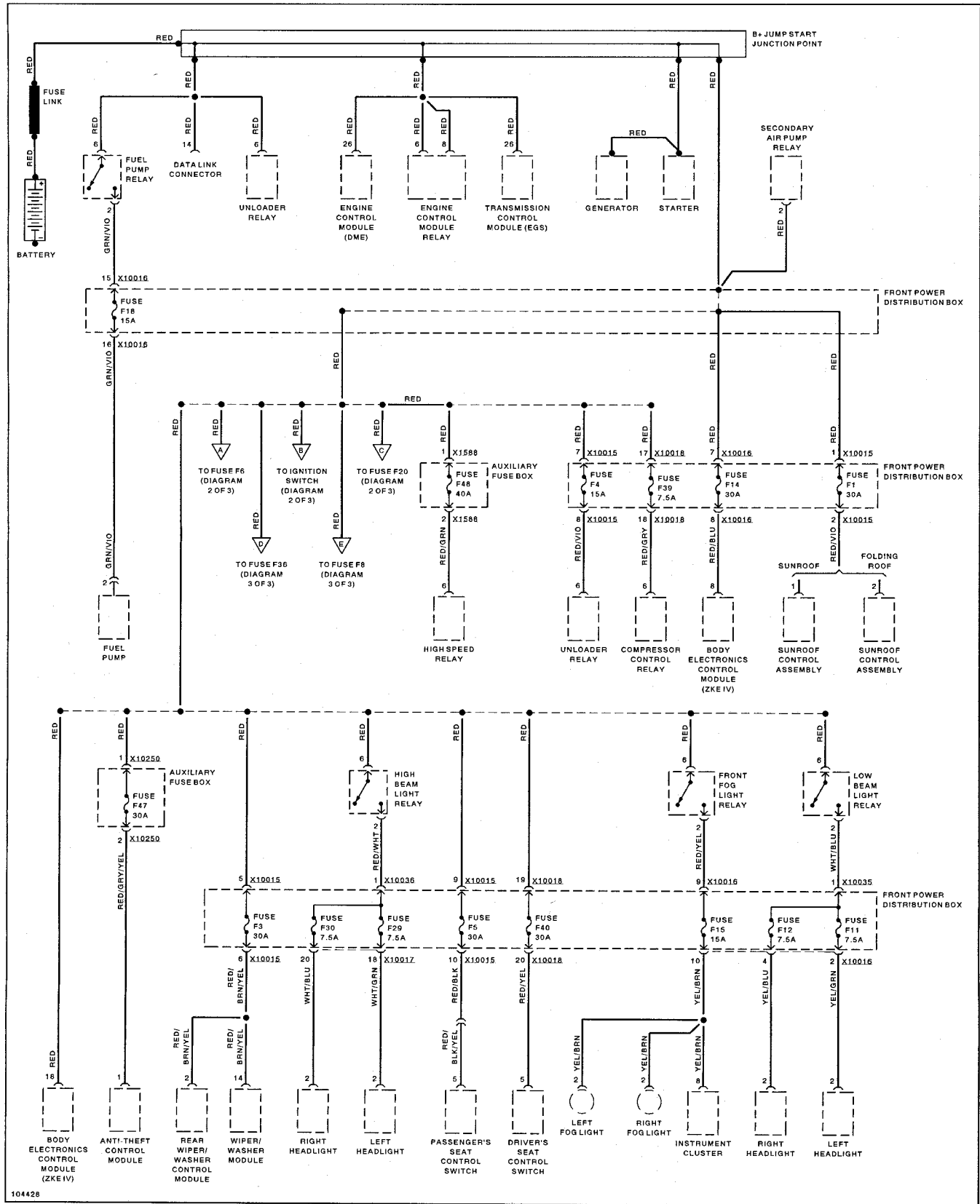
Power Distribution

1997 318ti (3 of 3)



Power Distribution

1998 318ti (1 of 3)



Power Distribution

1998 318ti (2 of 3)

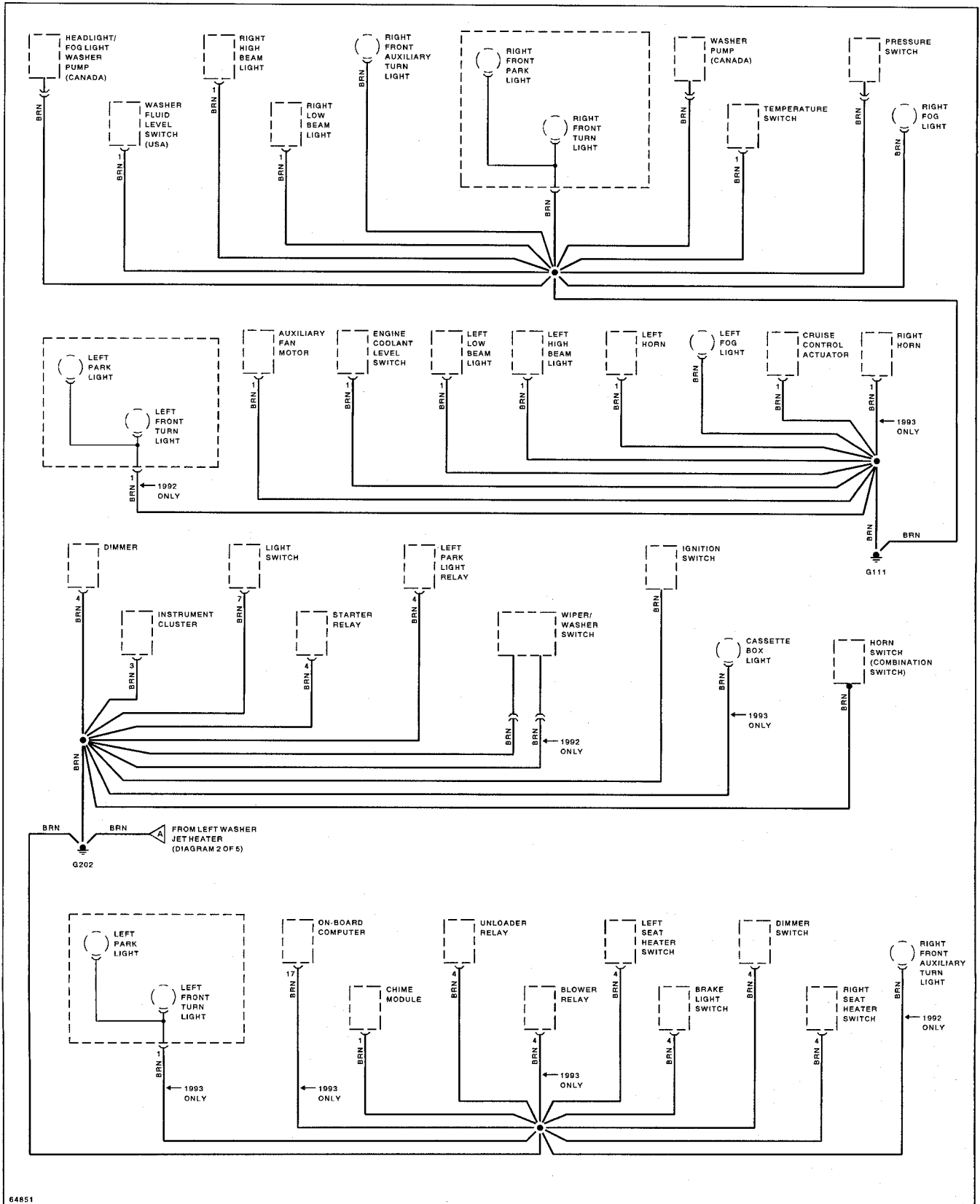


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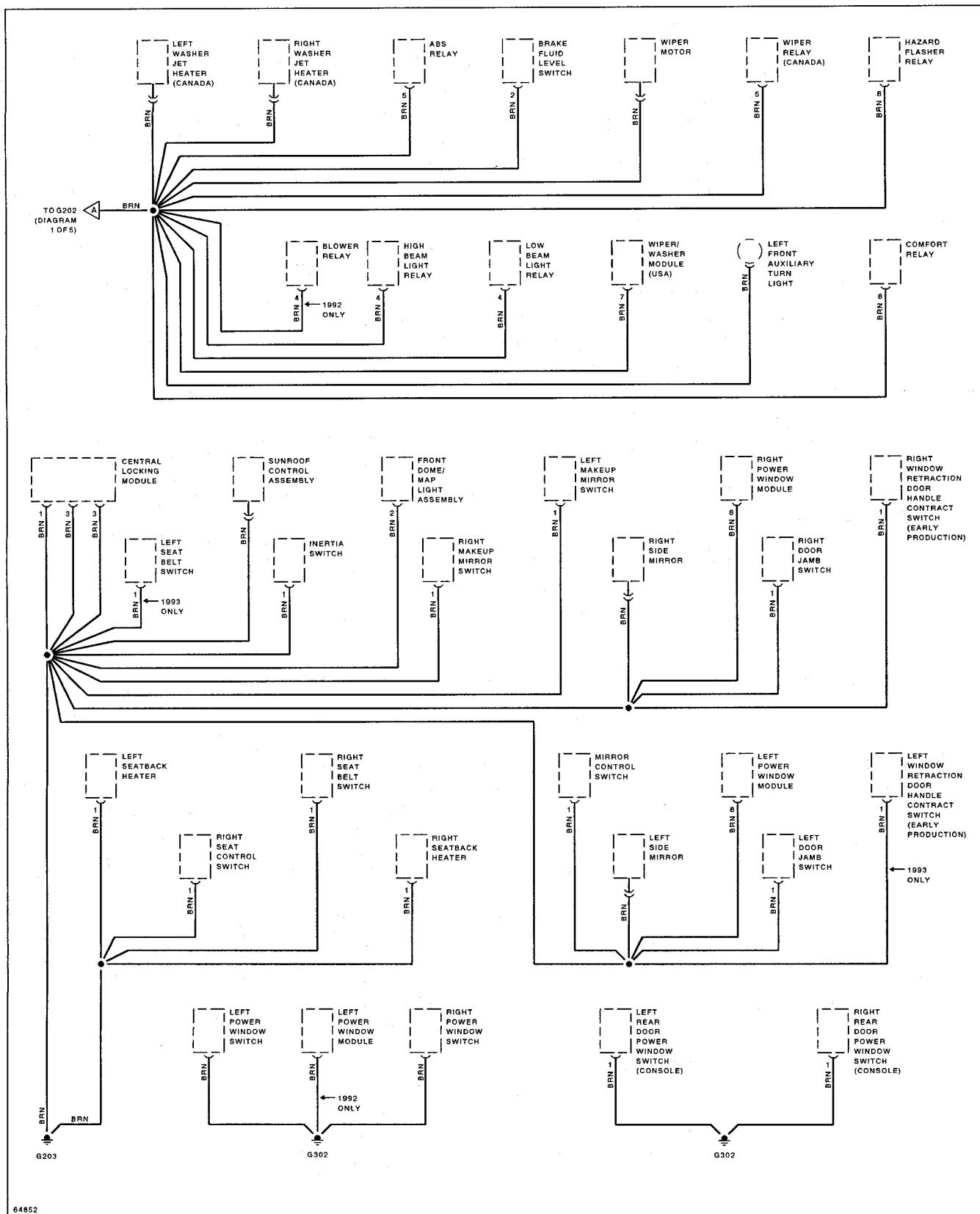
Ground Distribution

1992-93 (1 of 5)



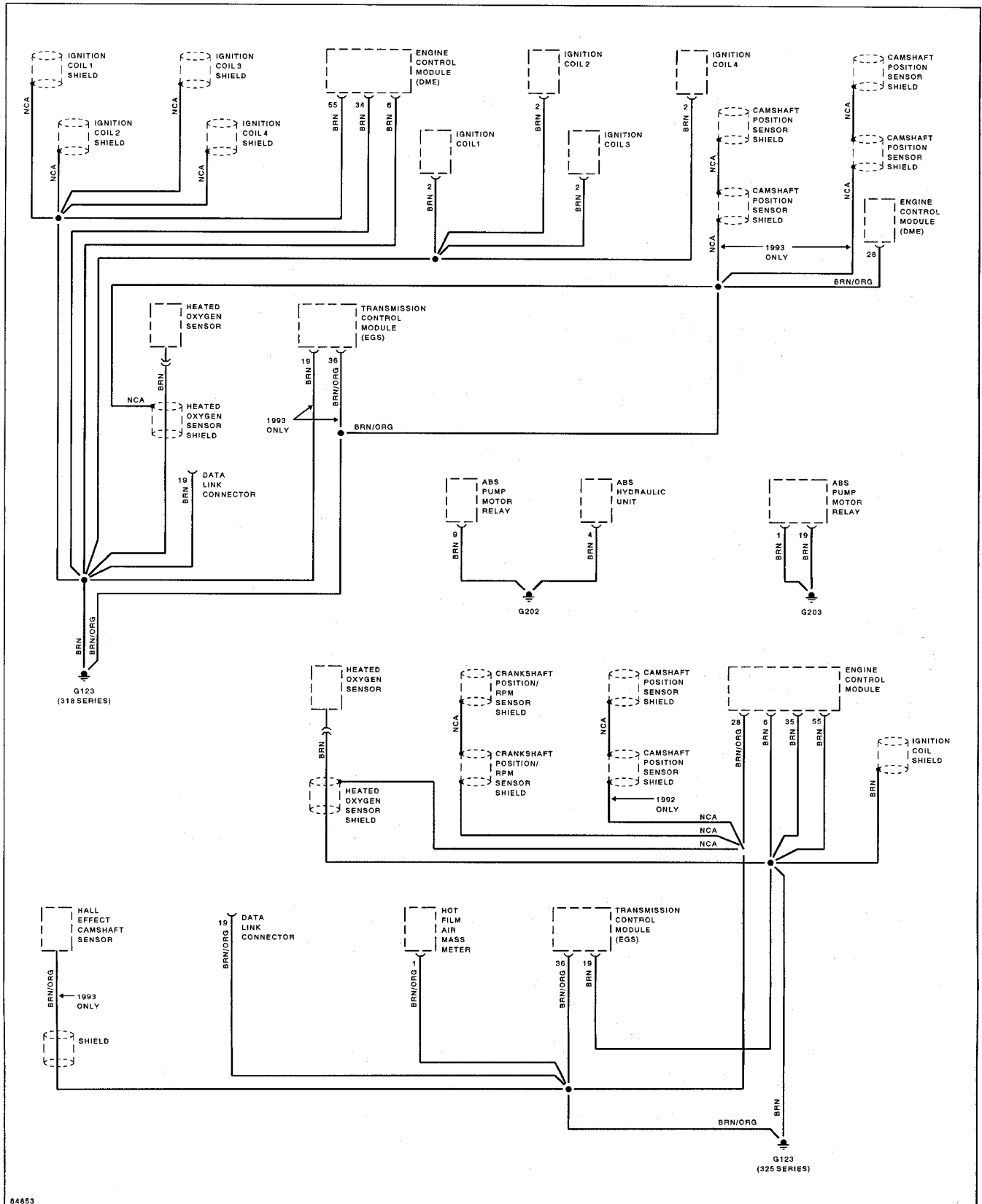
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1992-93 (2 of 5)



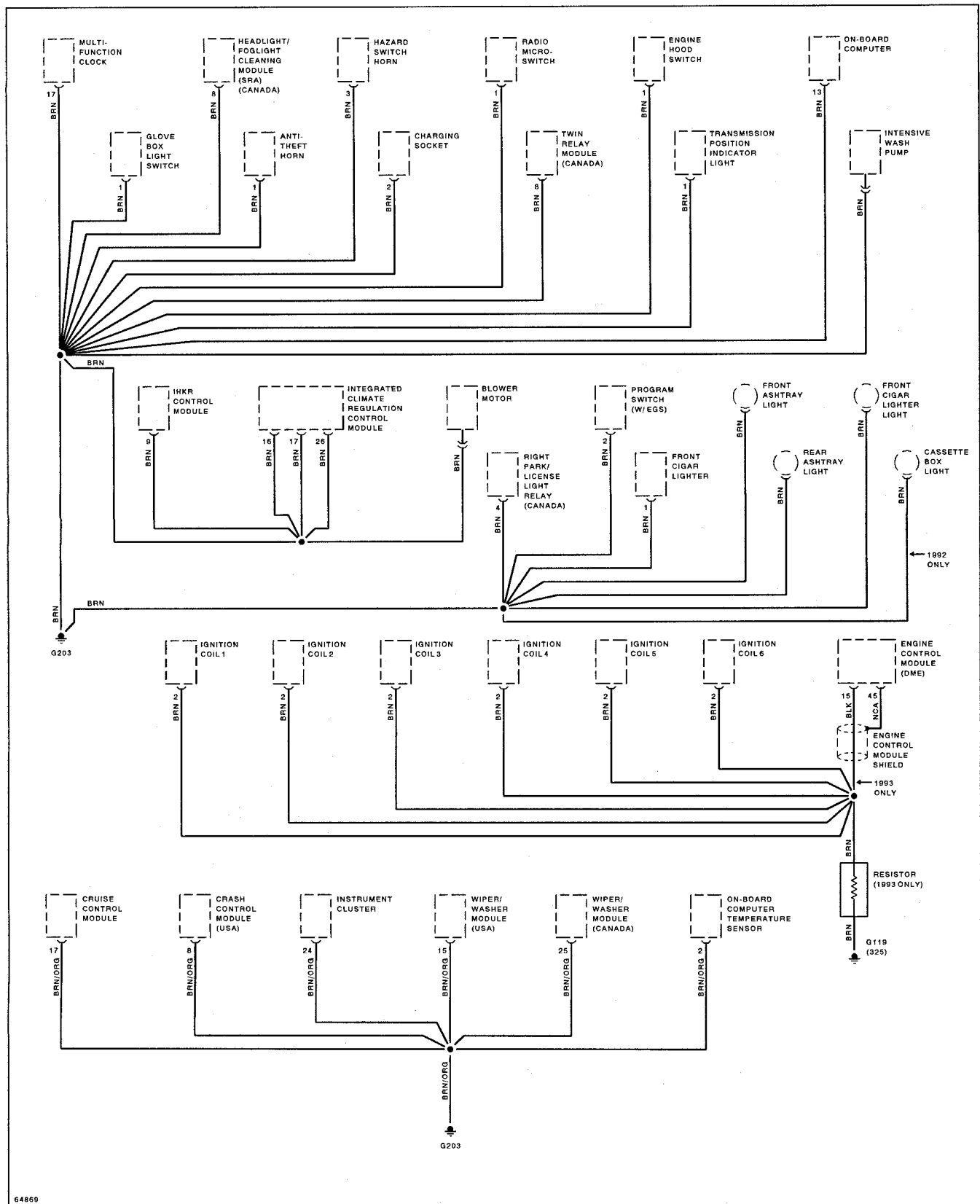
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1992-93 (3 of 5)



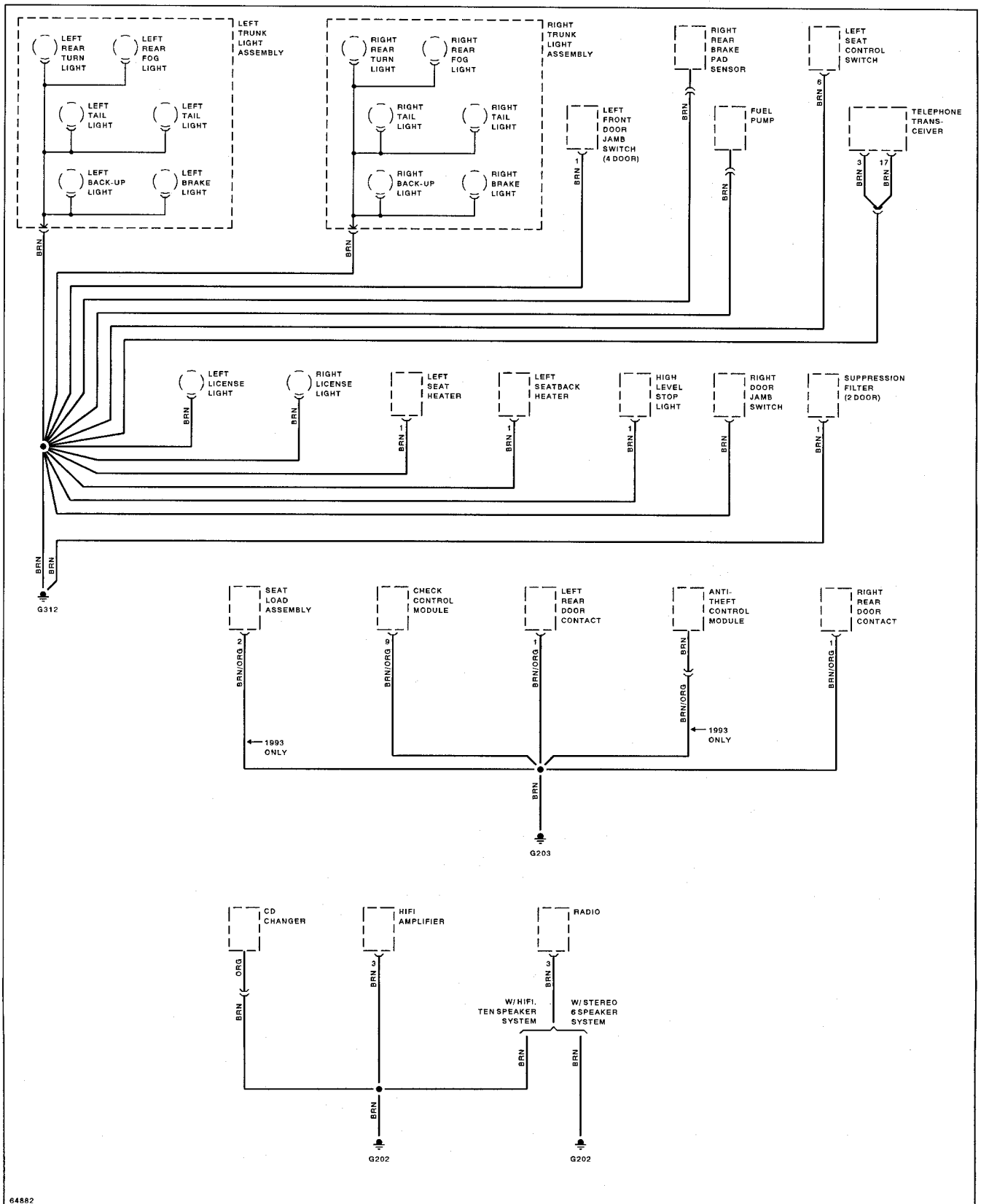
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1992-93 (4 of 5)

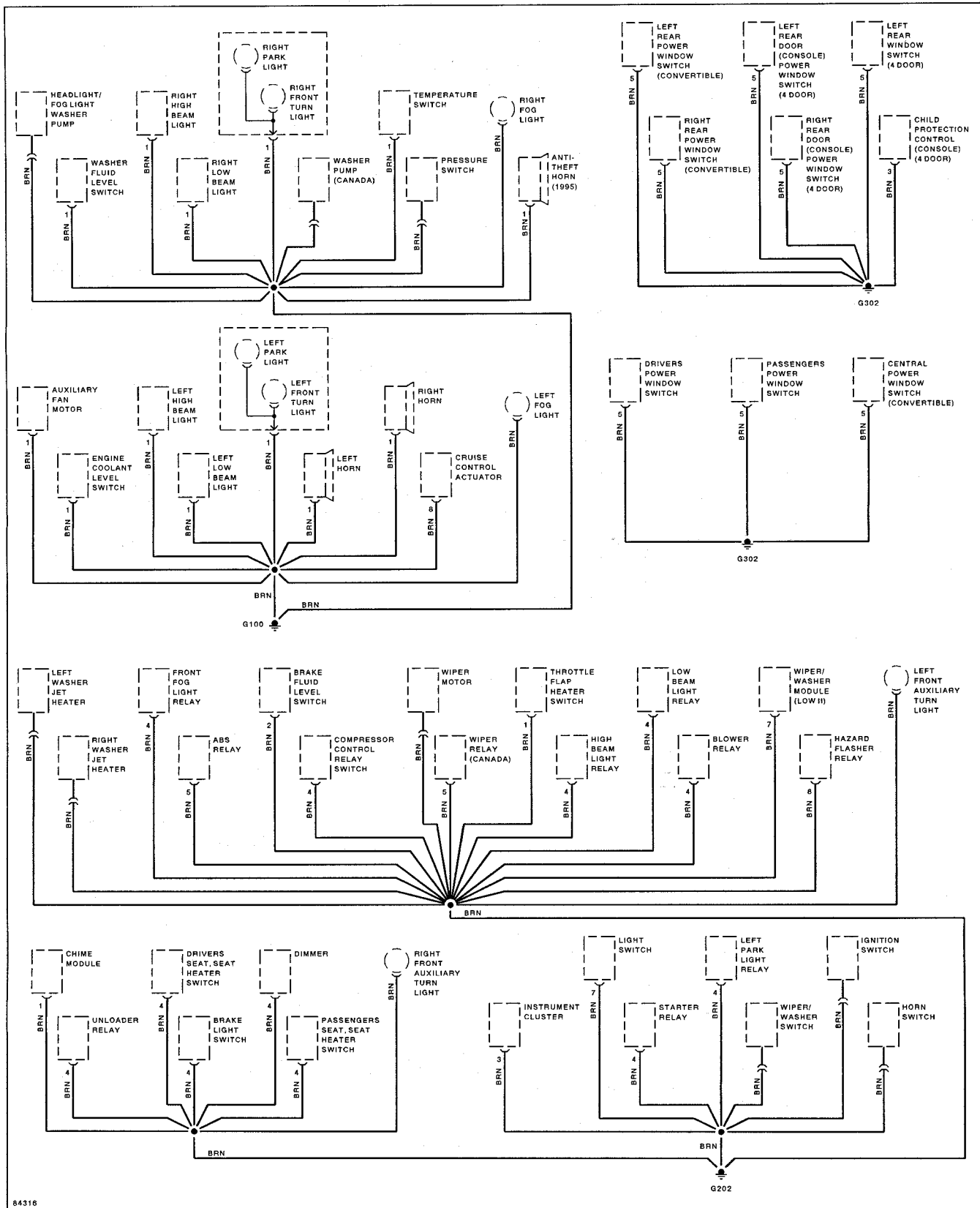


Ground Distribution

1992-93 (5 of 5)

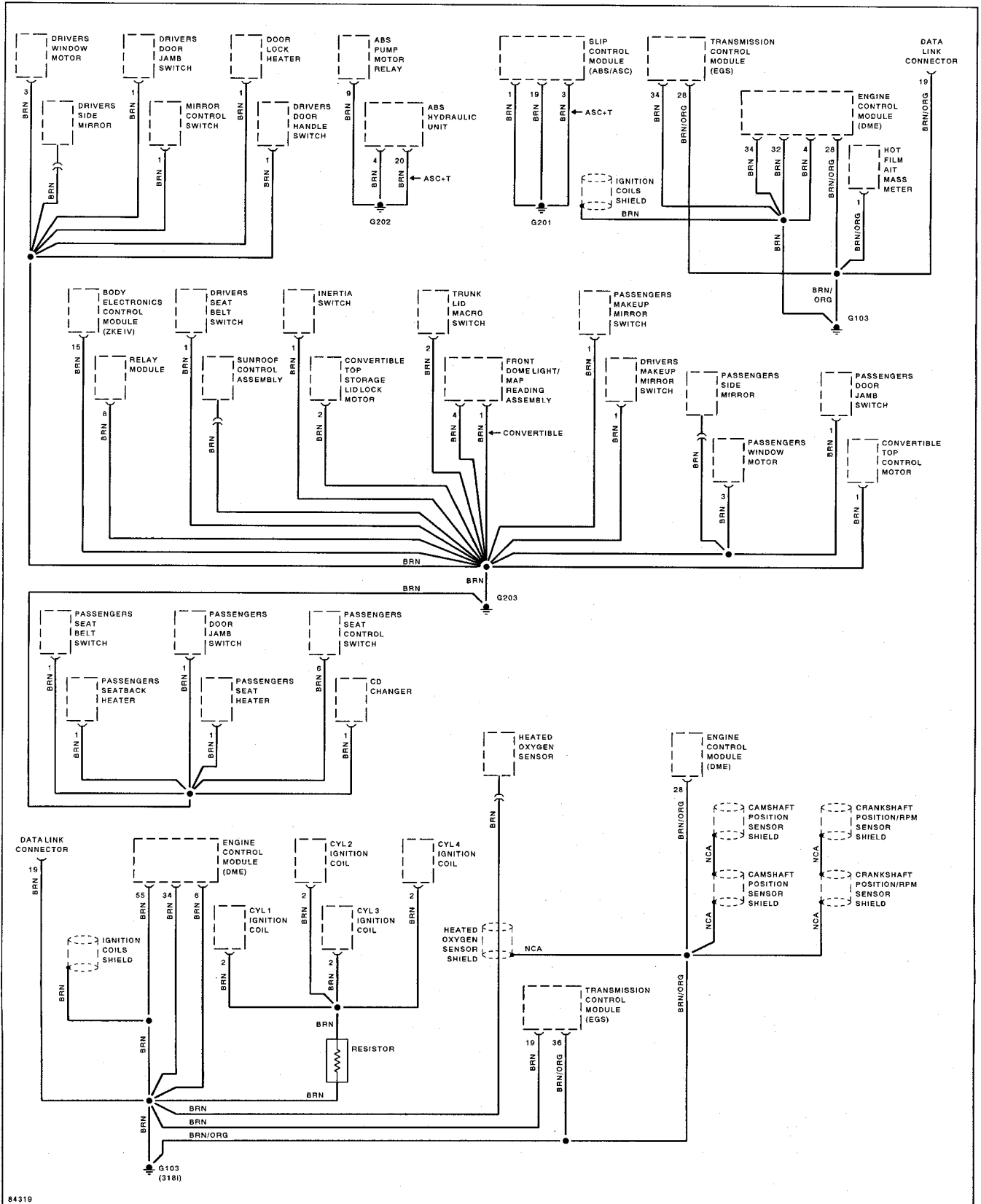


Ground Distribution 1994-95 Except 318ti (1 of 5)



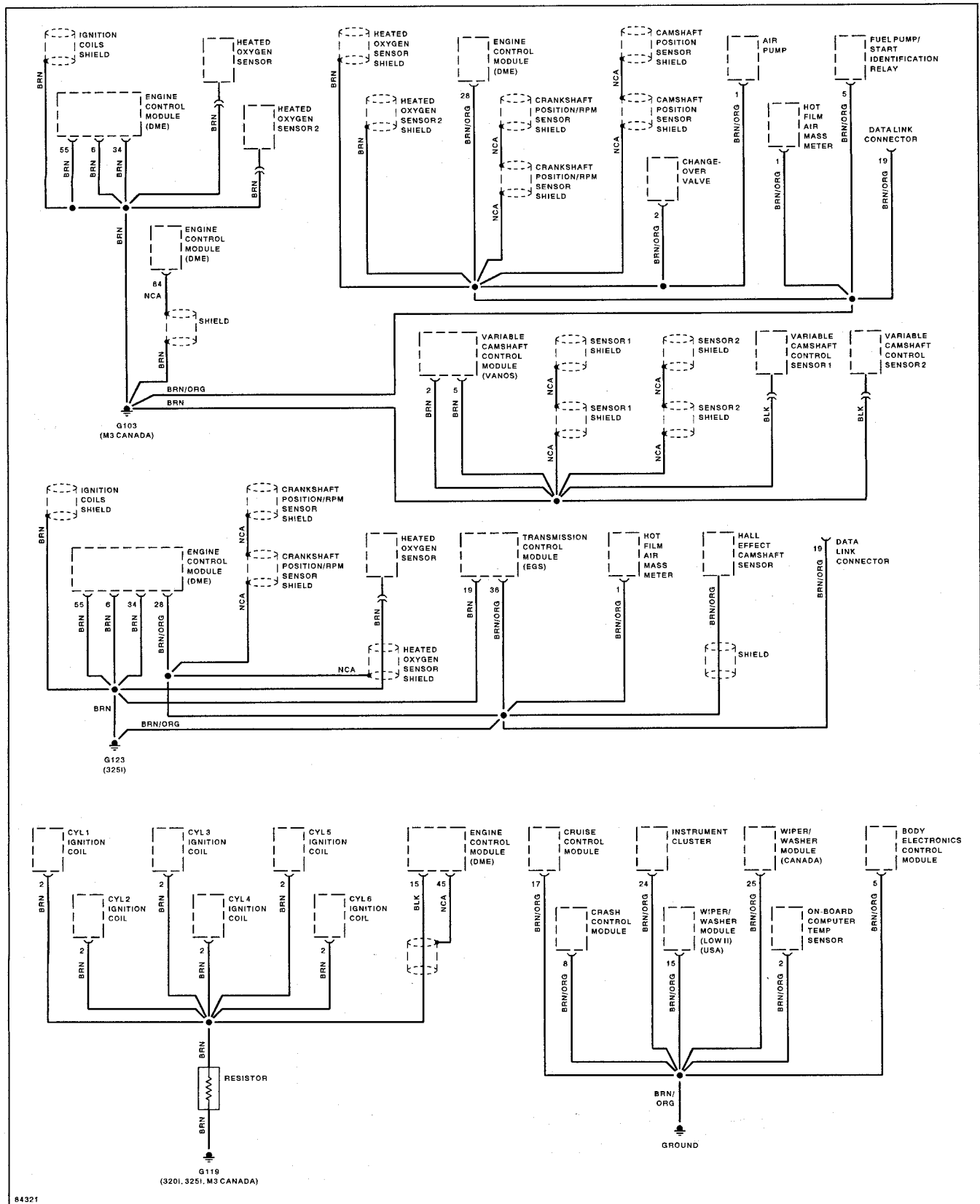
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1994-95 Except 318ti (2 of 5)



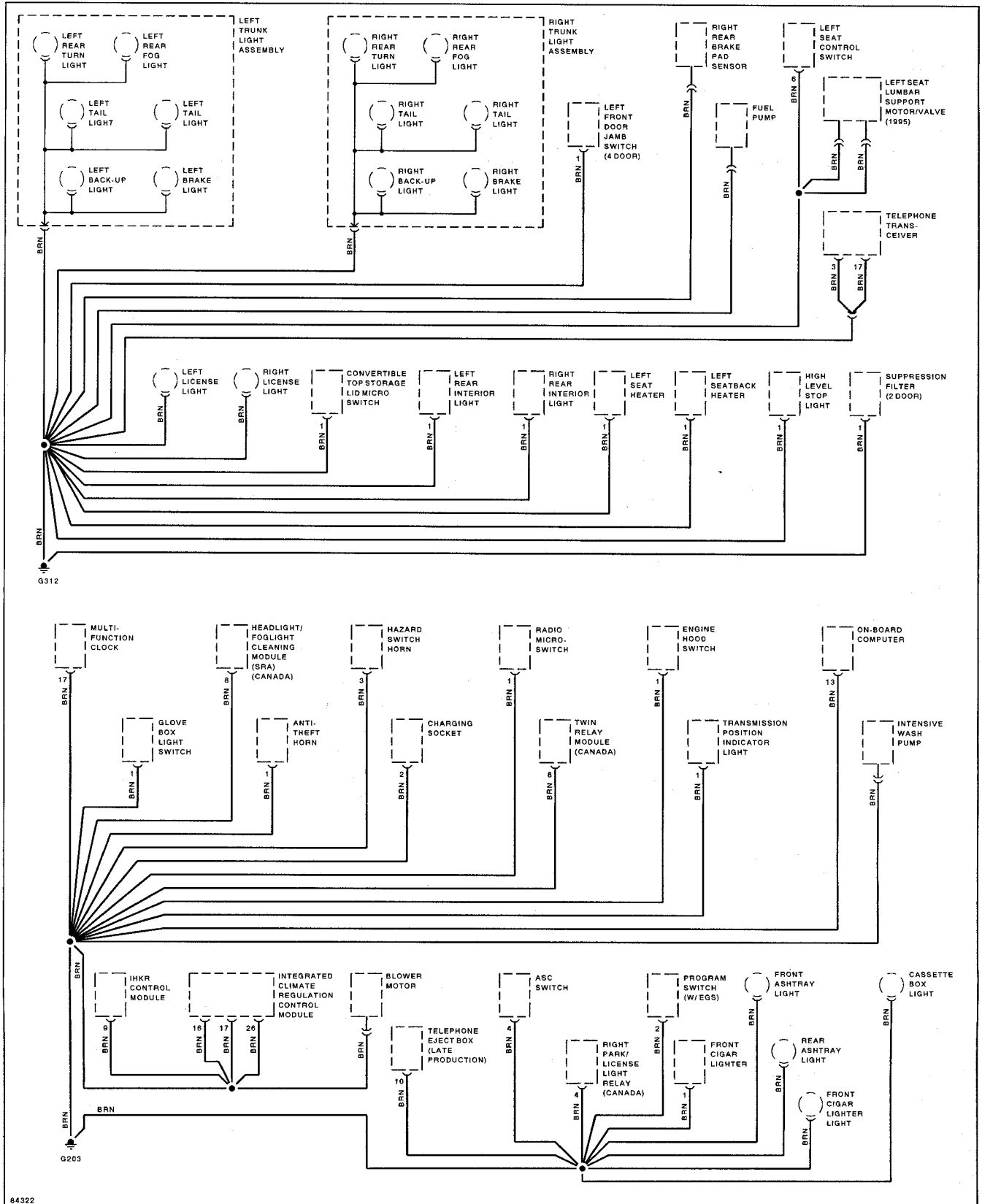
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1994-95 Except 318ti (3 of 5)

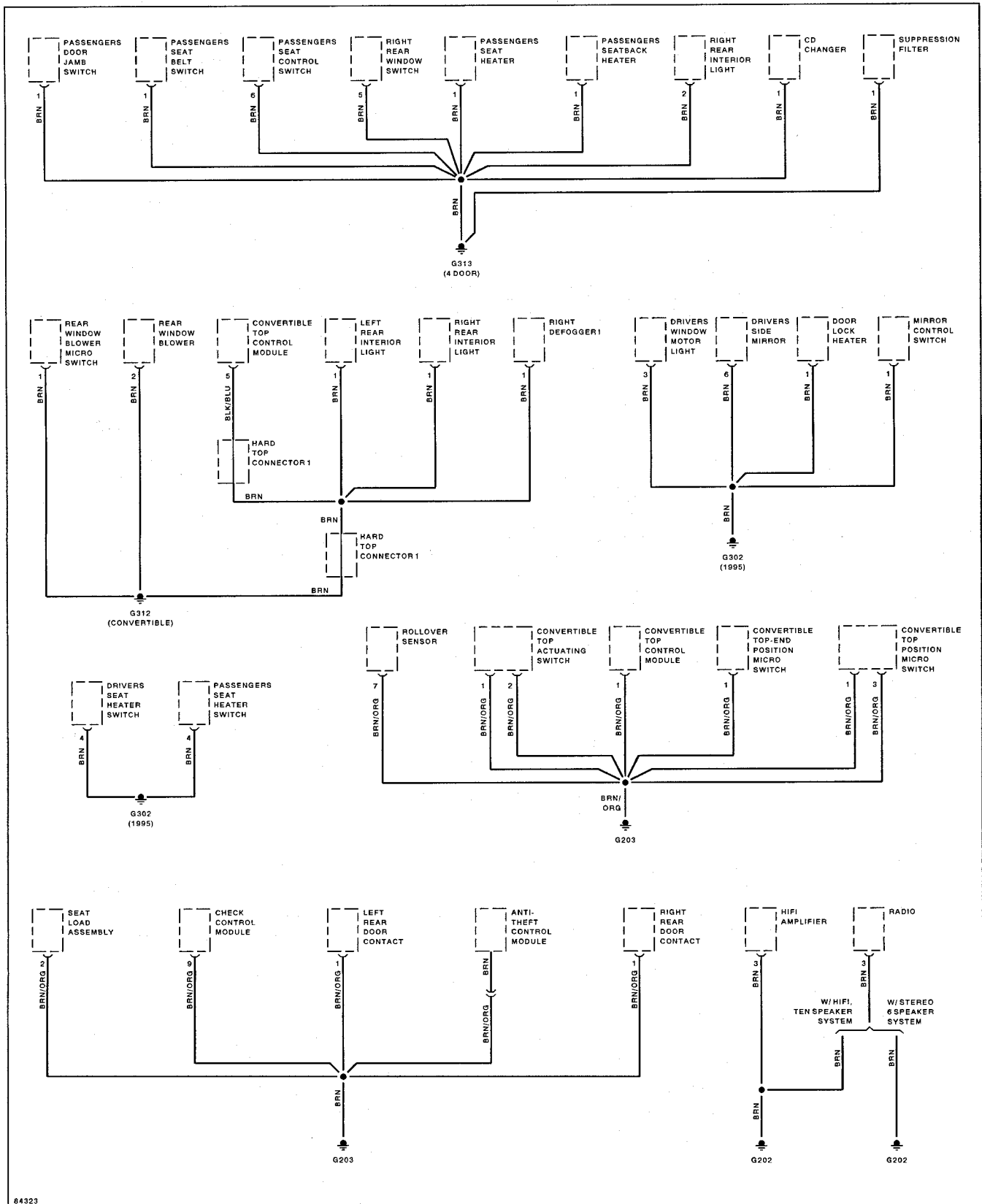


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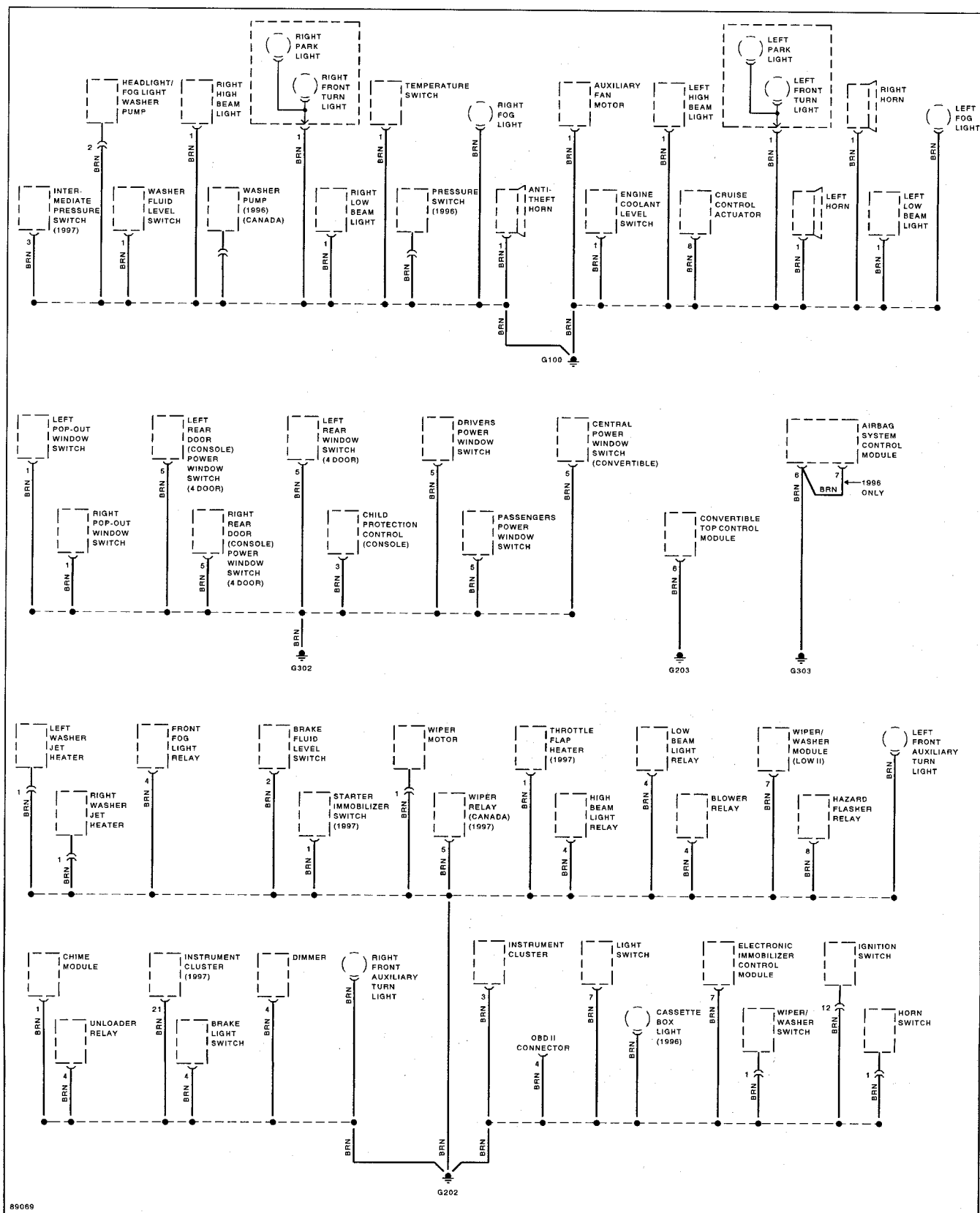


Ground Distribution 1994-95 Except 318ti (5 of 5)



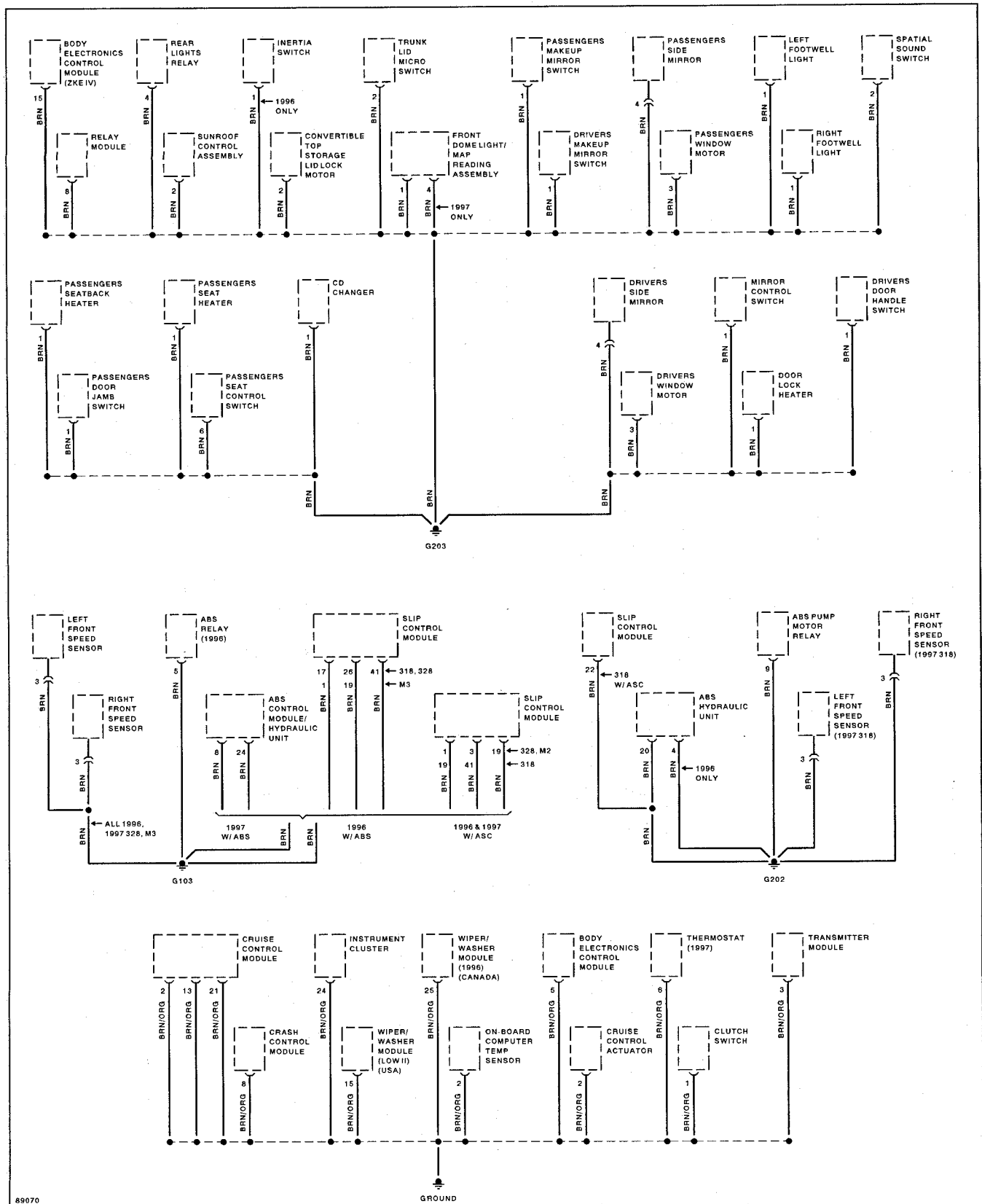
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1996-97 Except 318ti (1 of 5)



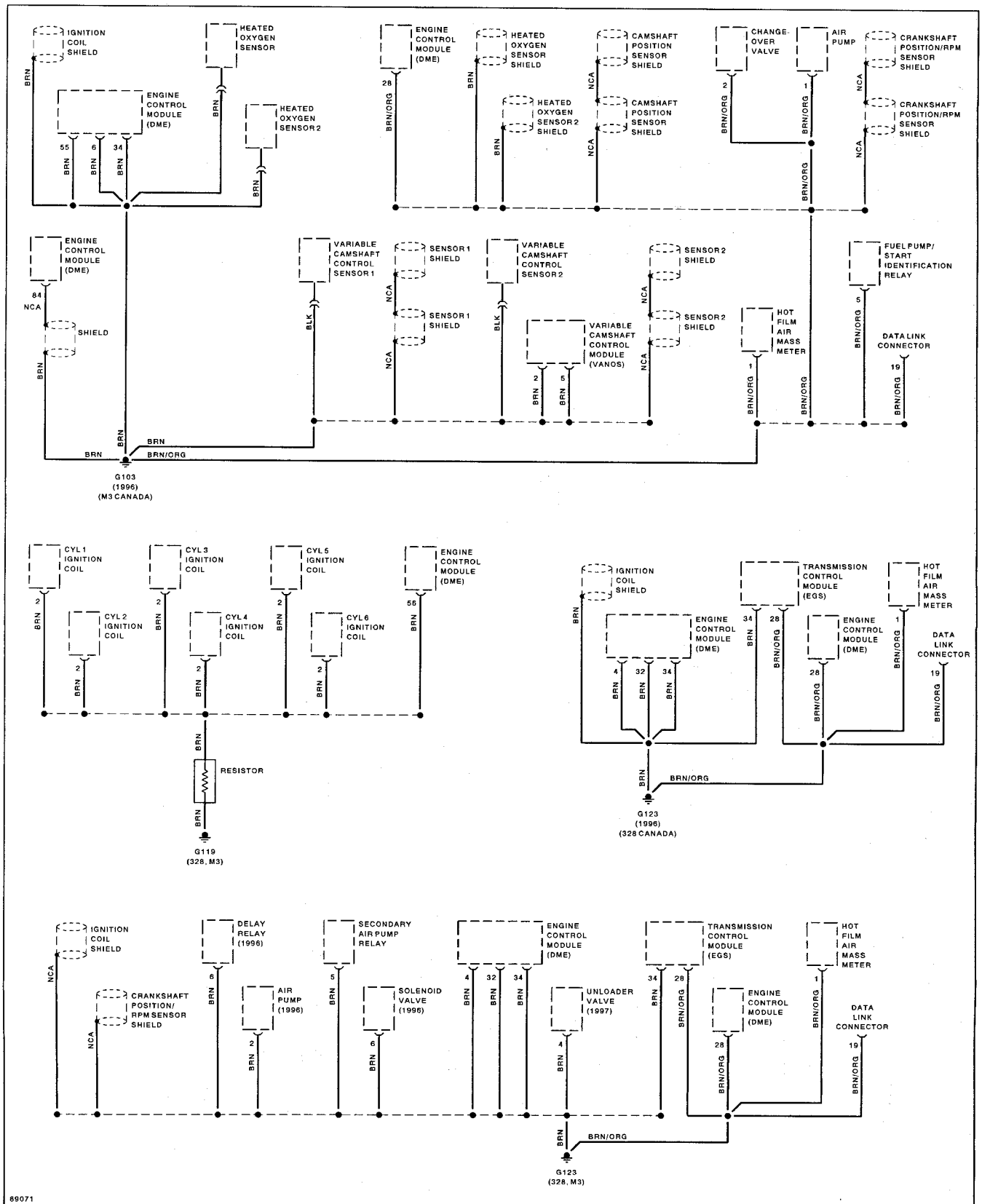
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1996-97 Except 318ti (2 of 5)

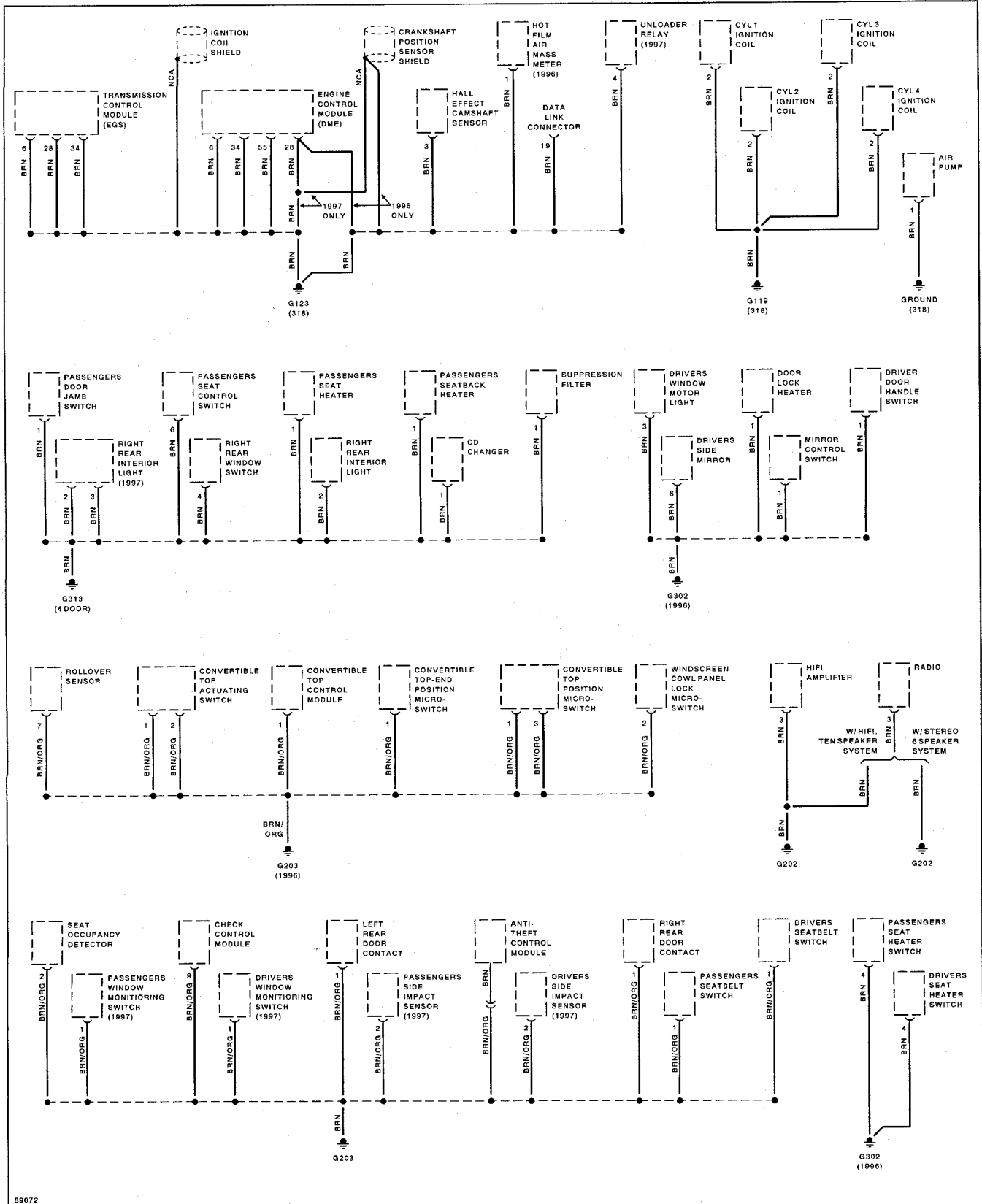


Ground Distribution

1996-97 Except 318ti (3 of 5)

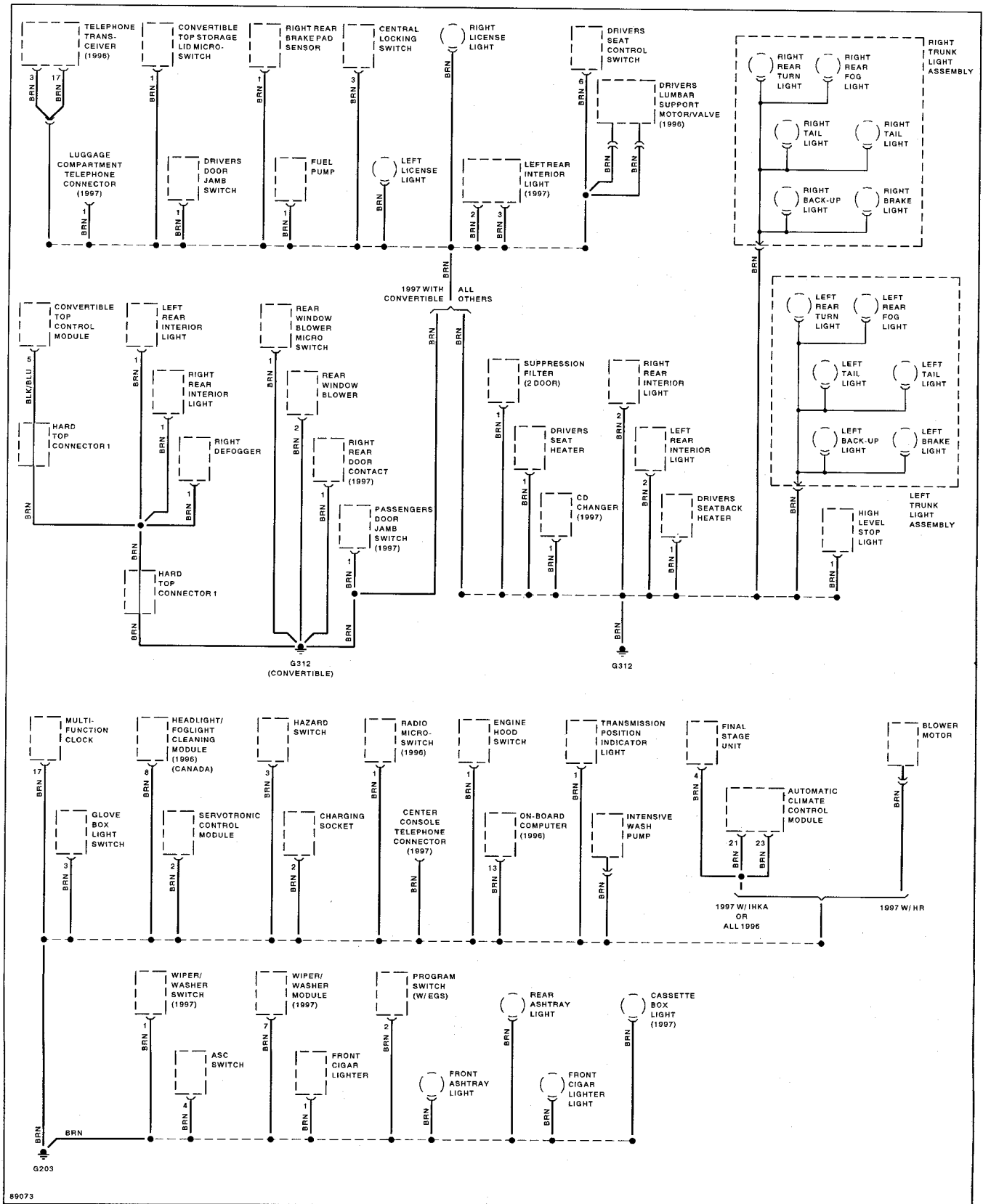


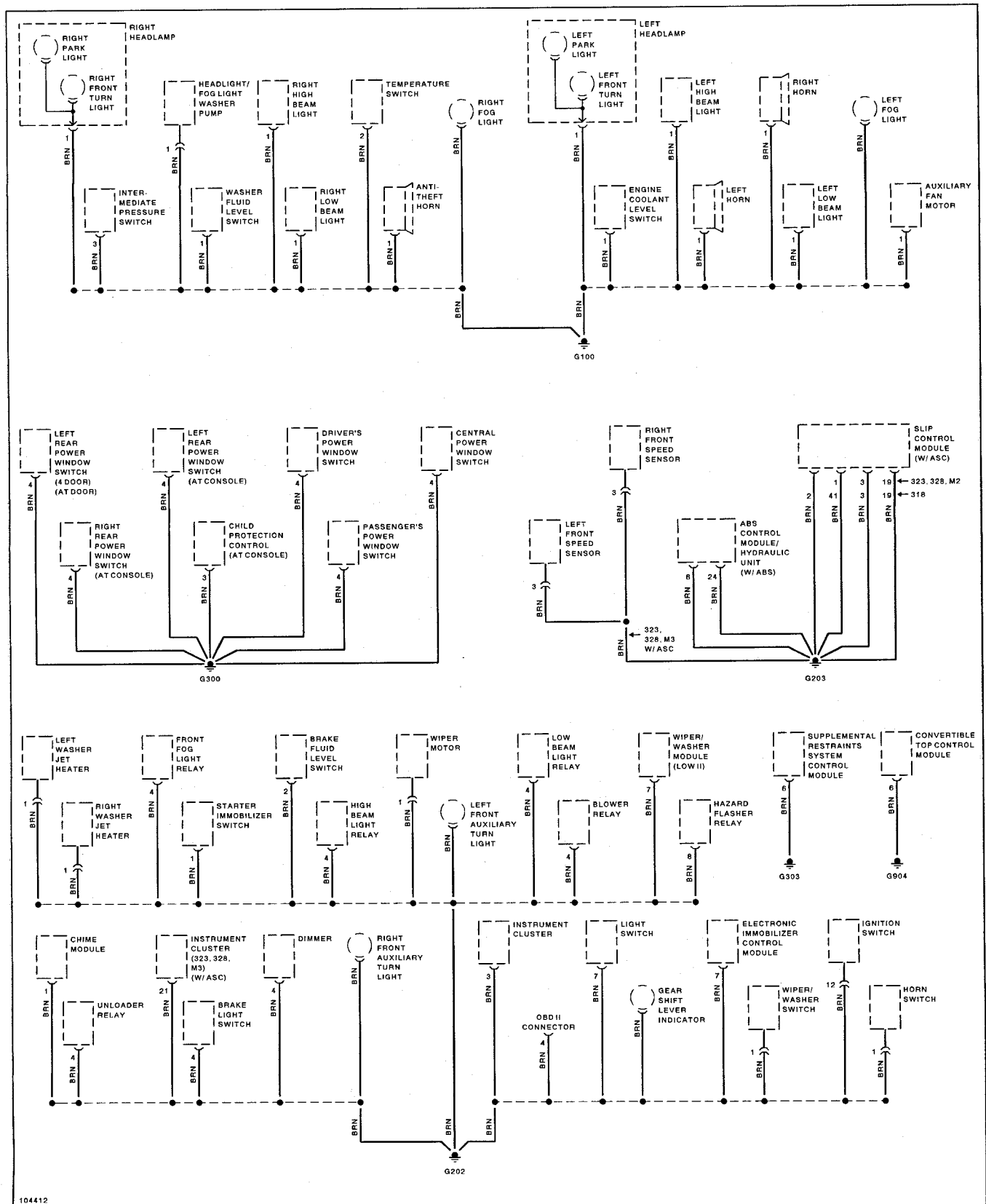
Ground Distribution 1996-97 Except 318ti (4 of 5)



Ground Distribution

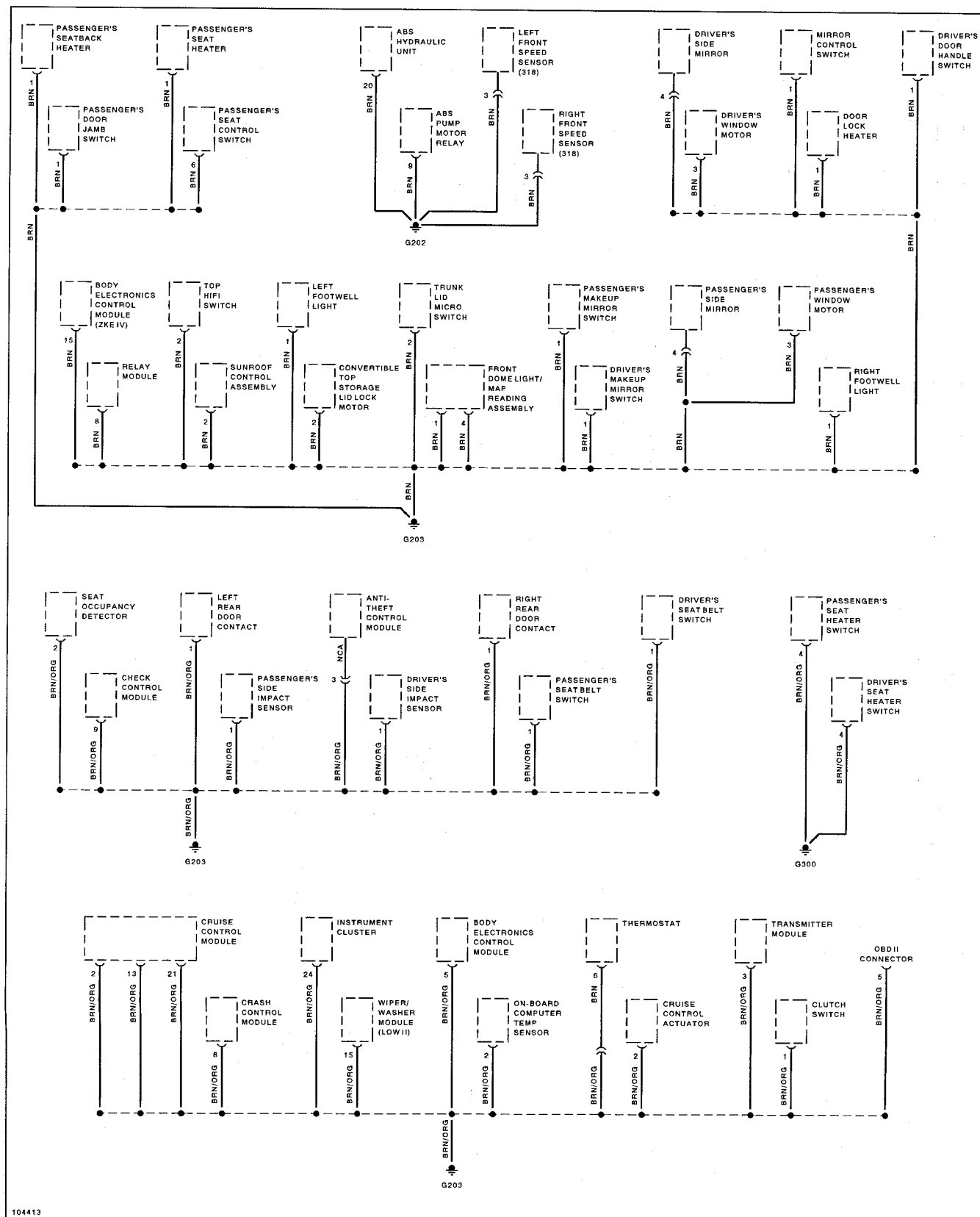
1996-97 Except 318ti (5 of 5)





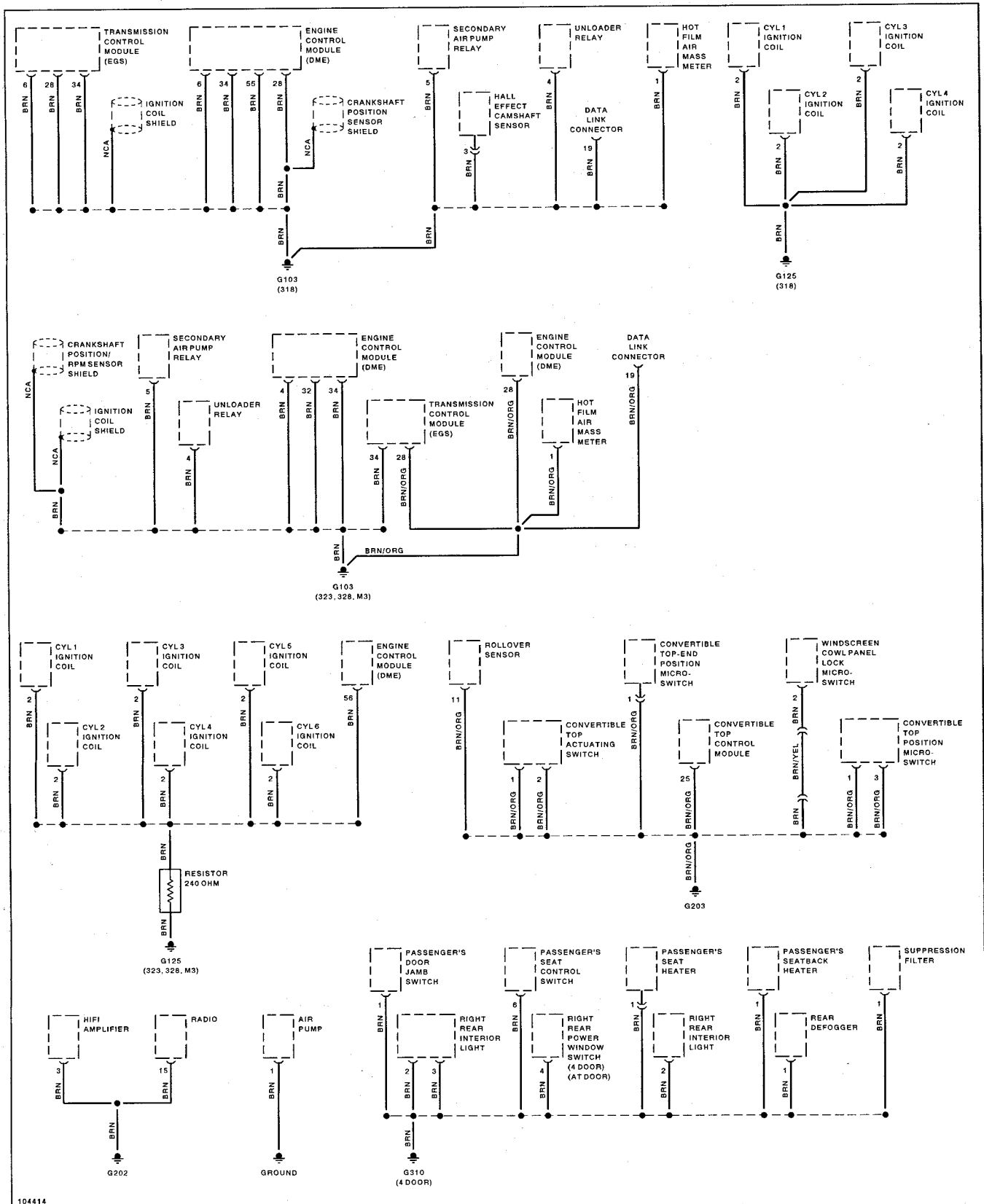
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1998 Except 318ti (2 of 4)



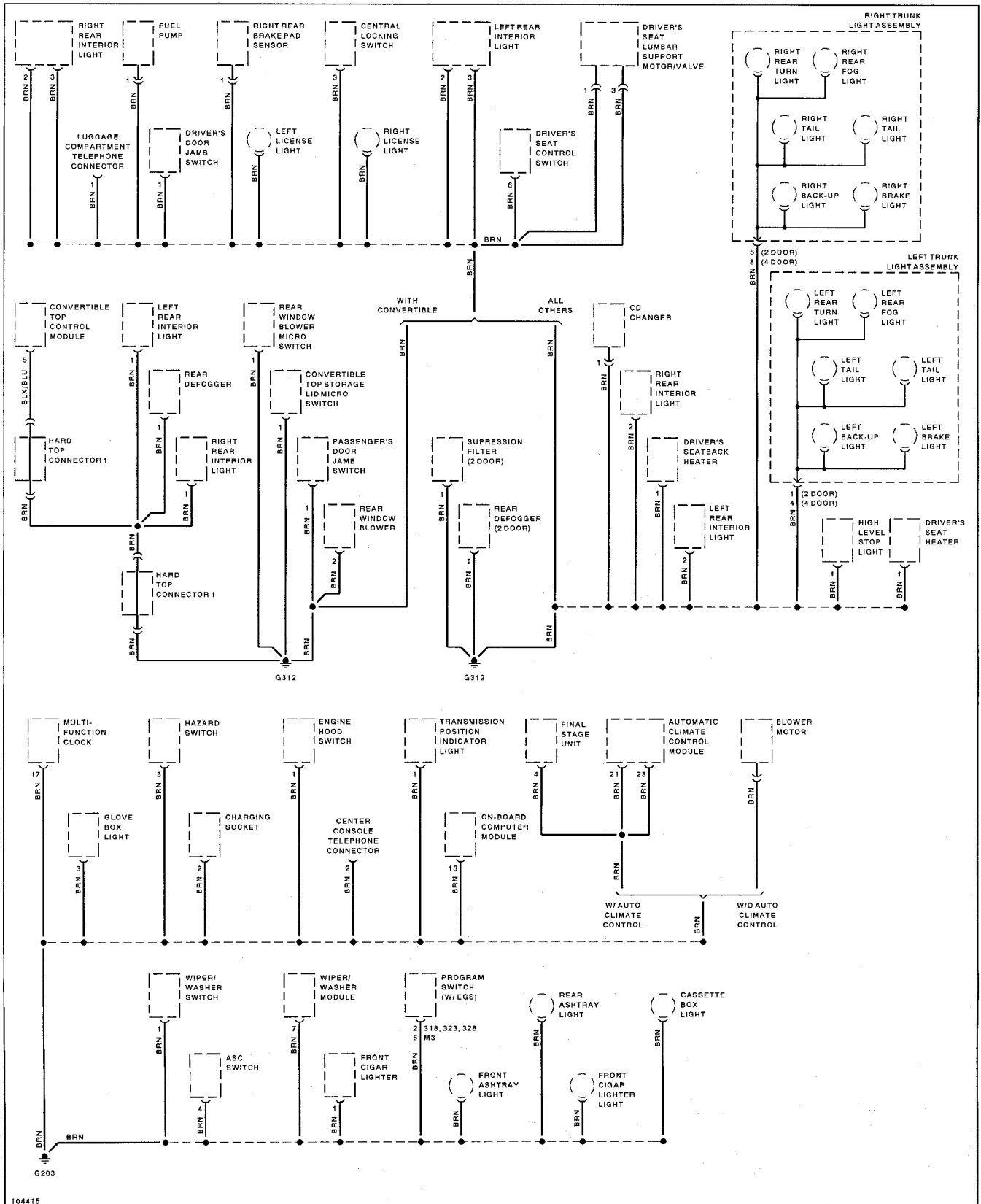
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1998 Except 318ti (3 of 4)



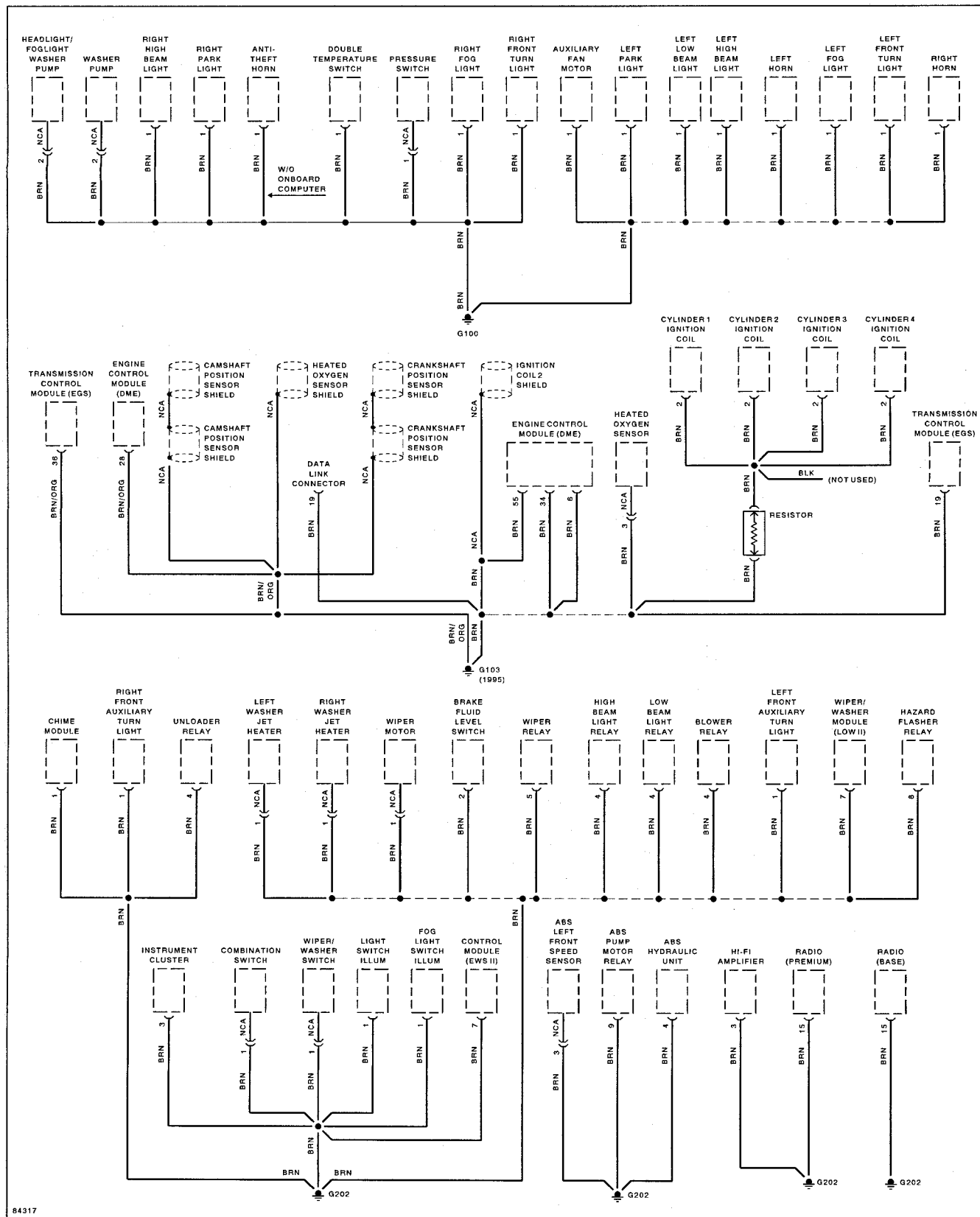
Ground Distribution

1998 Except 318ti (4 of 4)



Ground Distribution

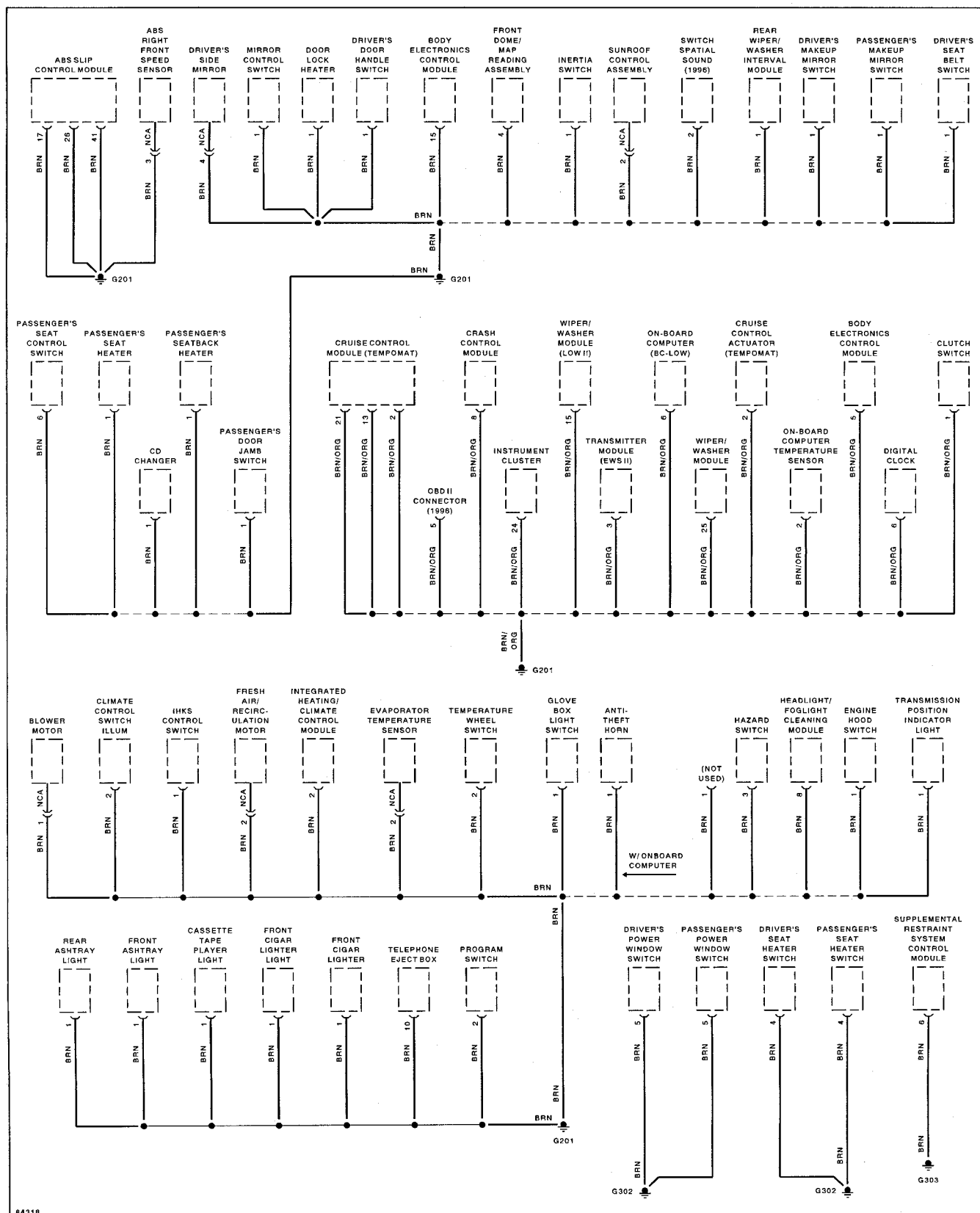
1995-96 318ti (1 of 3)



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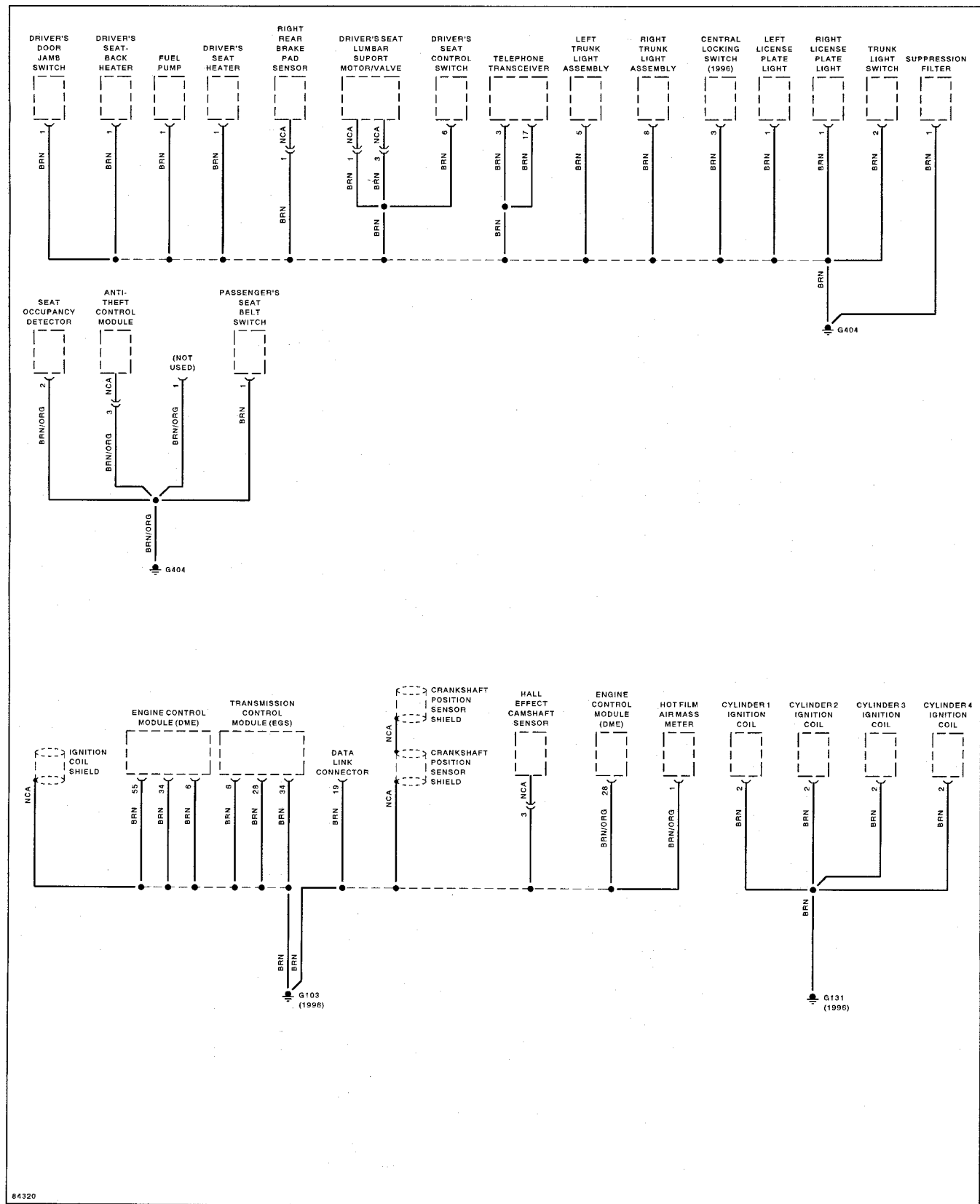
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1995-96 318ti (2 of 3)



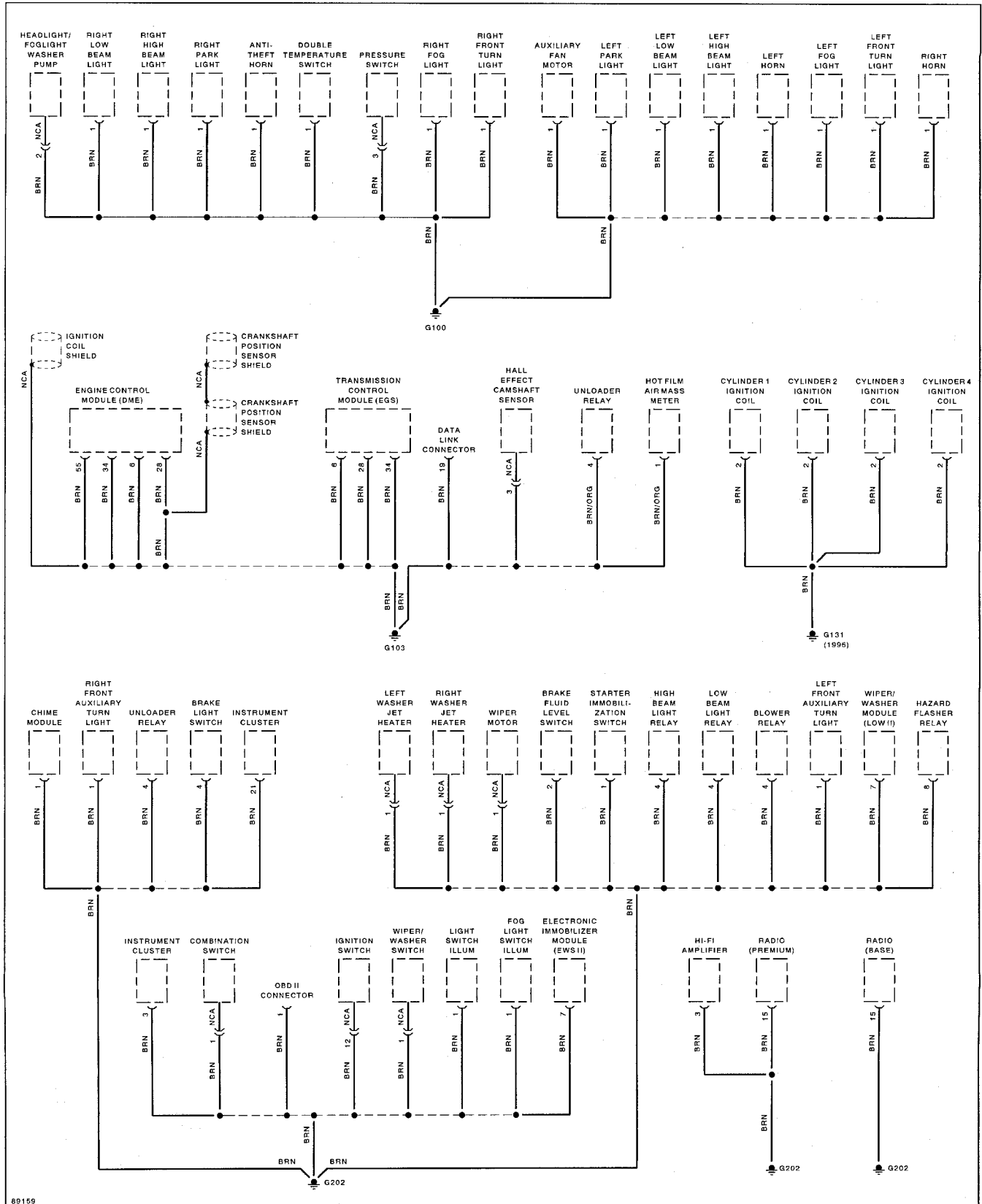
Ground Distribution

1995-96 318ti (3 of 3)



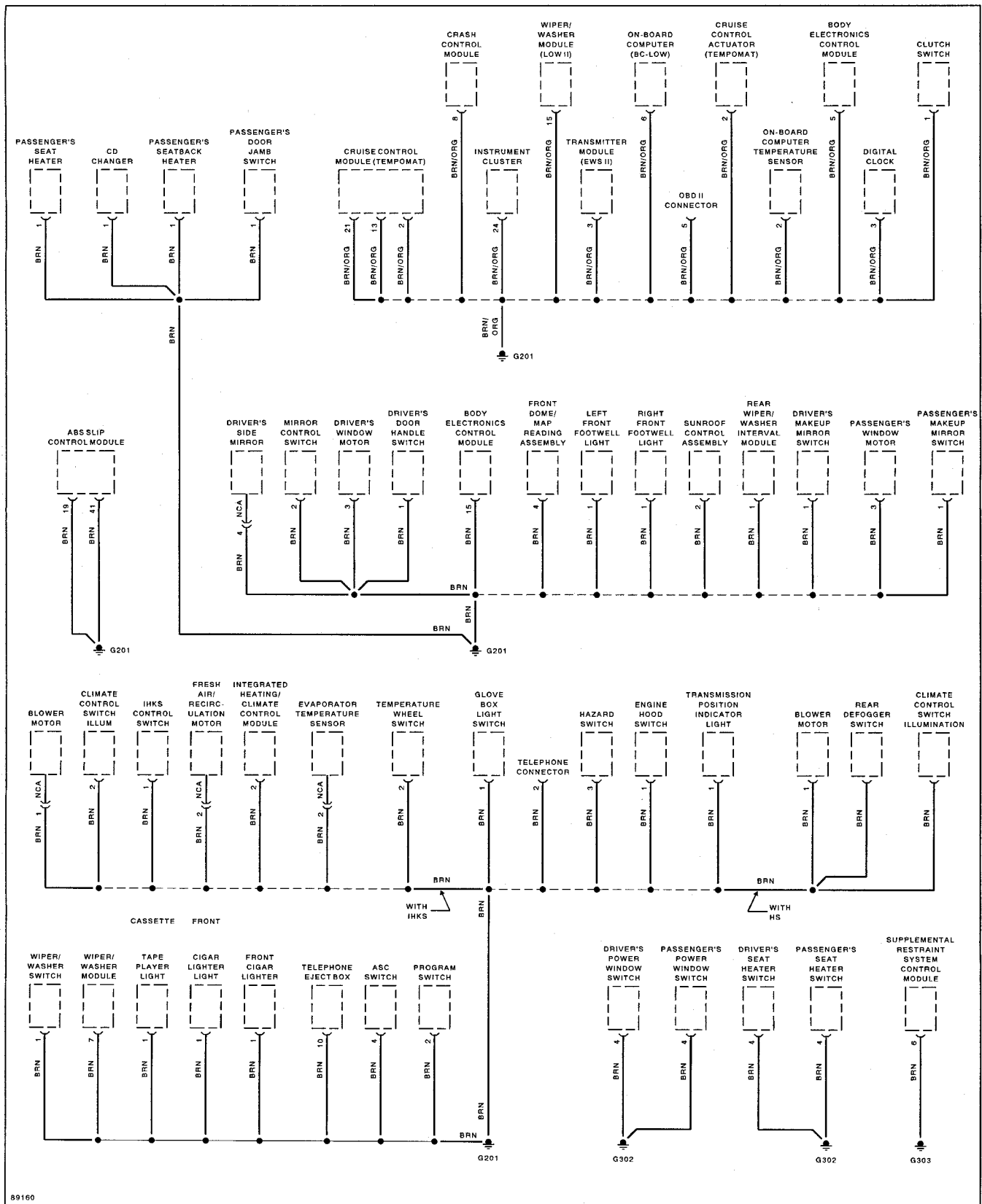
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1997 318ti (1 of 3)



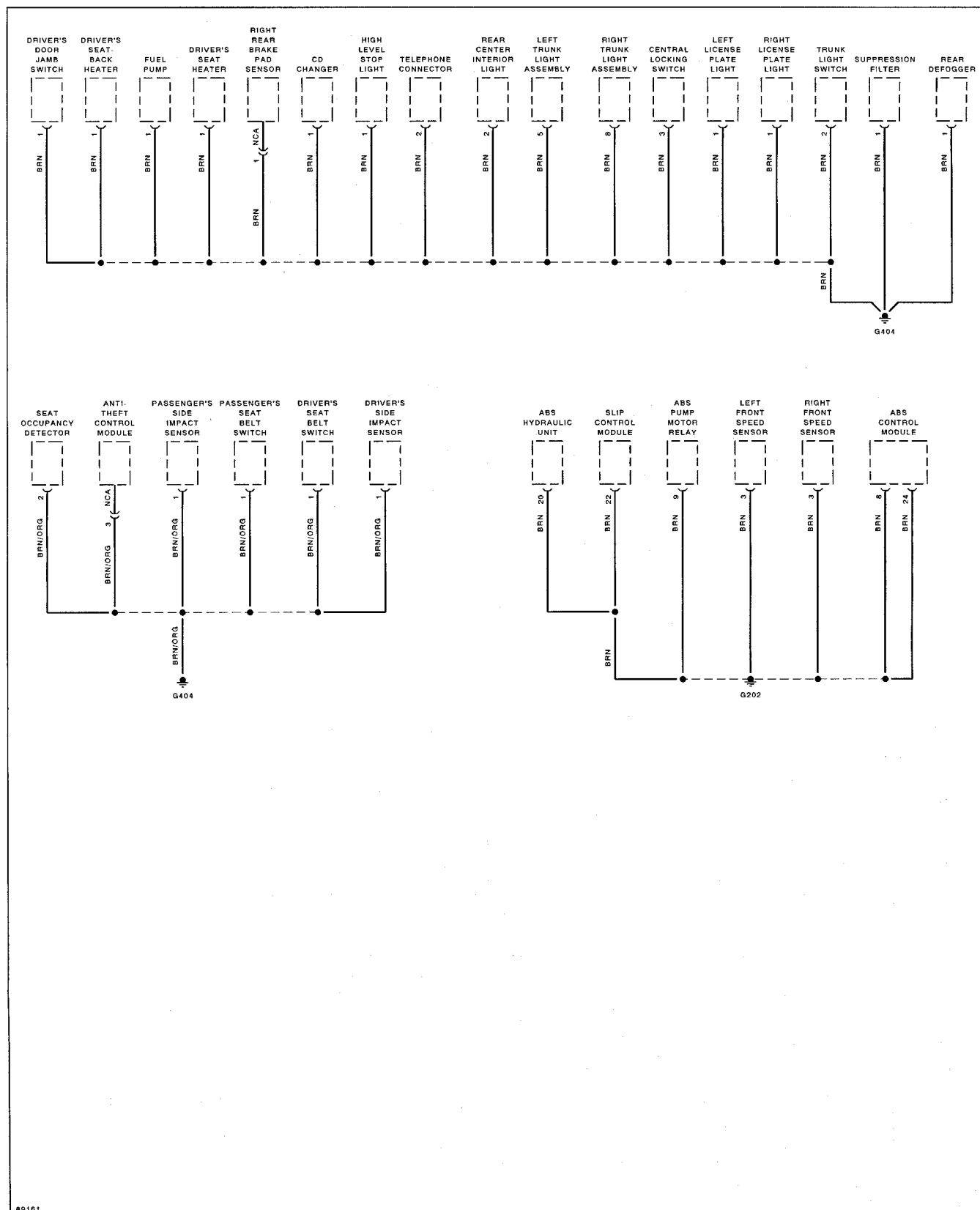
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1997 318ti (2 of 3)



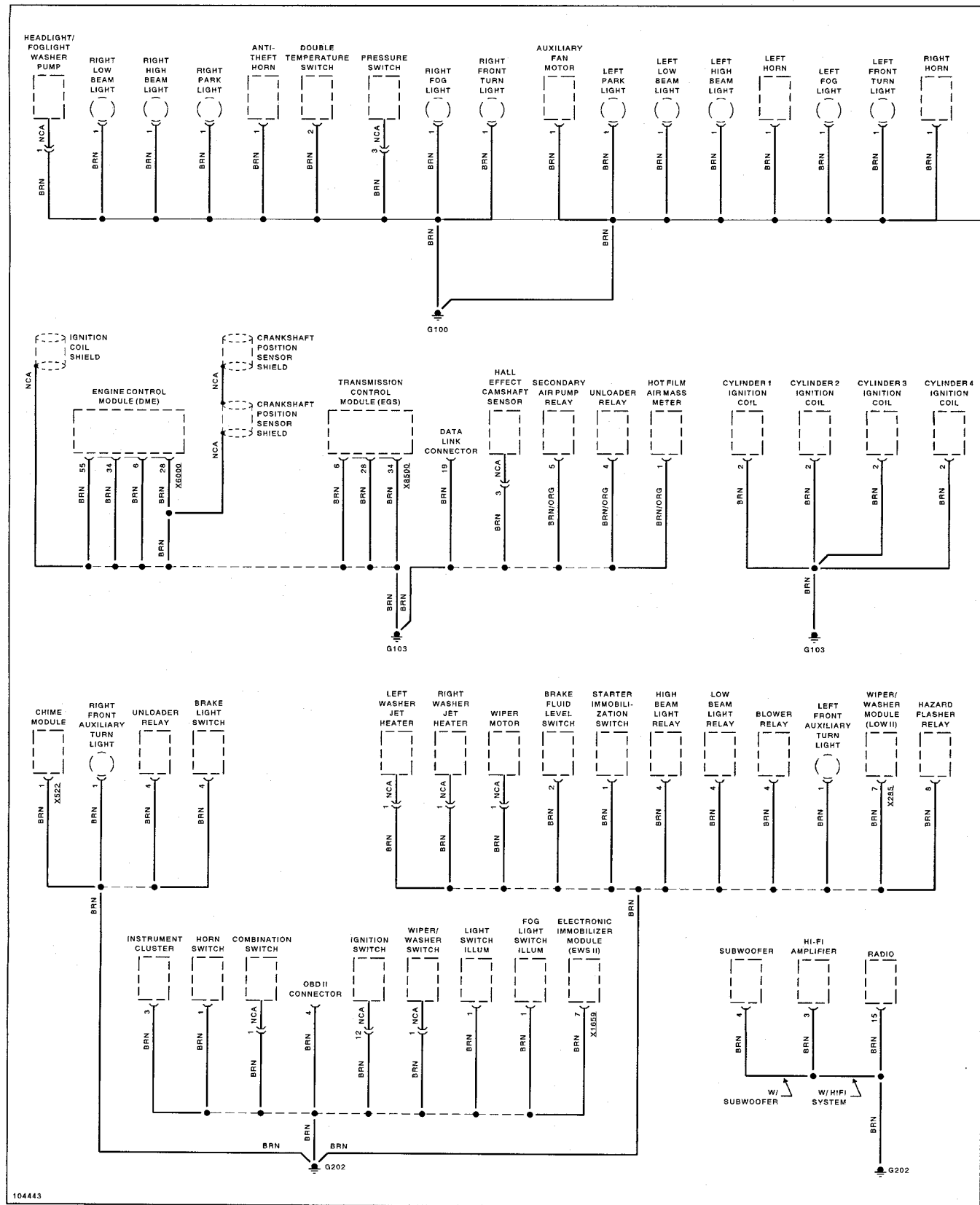
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1997 318ti (3 of 3)



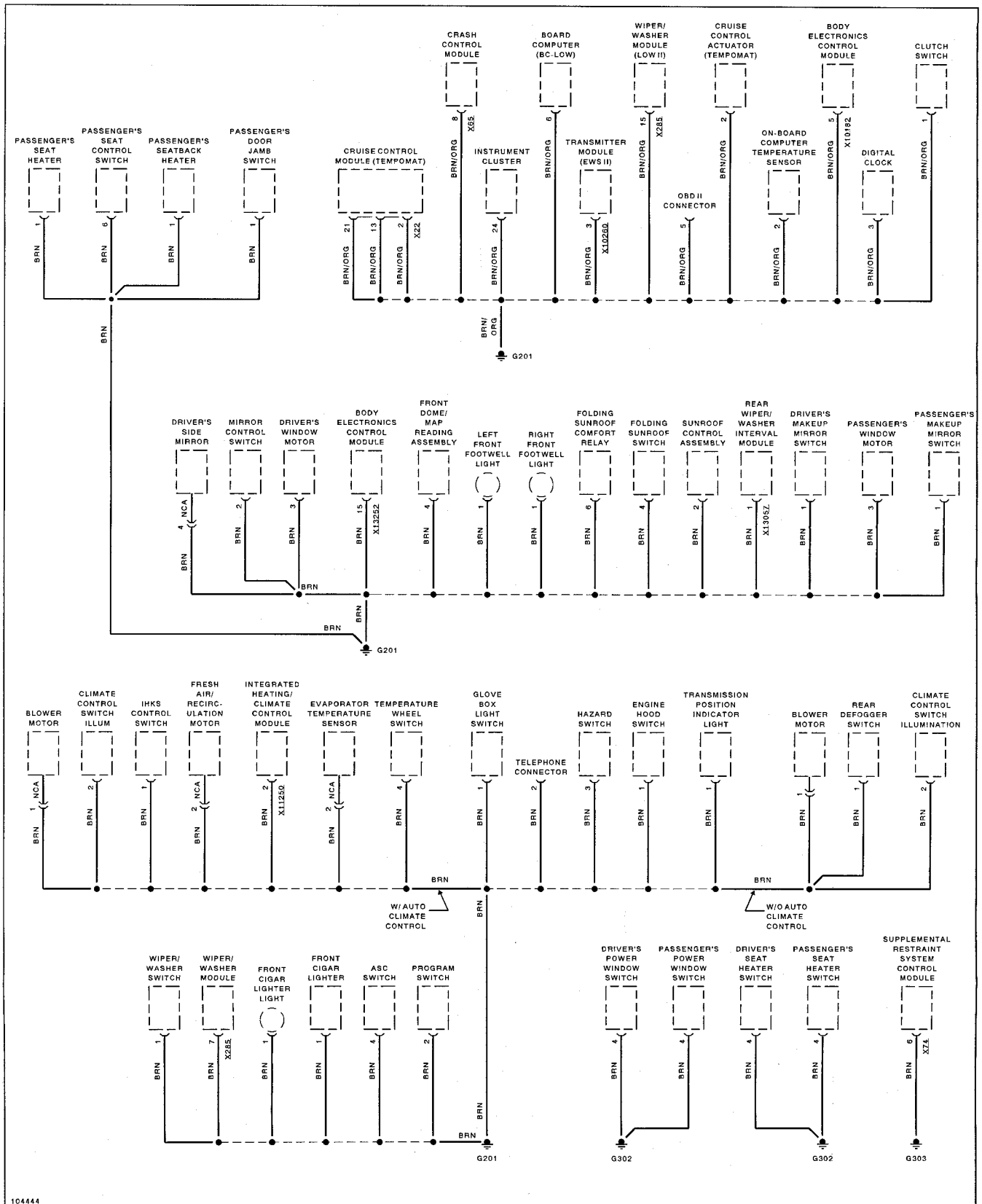
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1998 318ti (1 of 3)

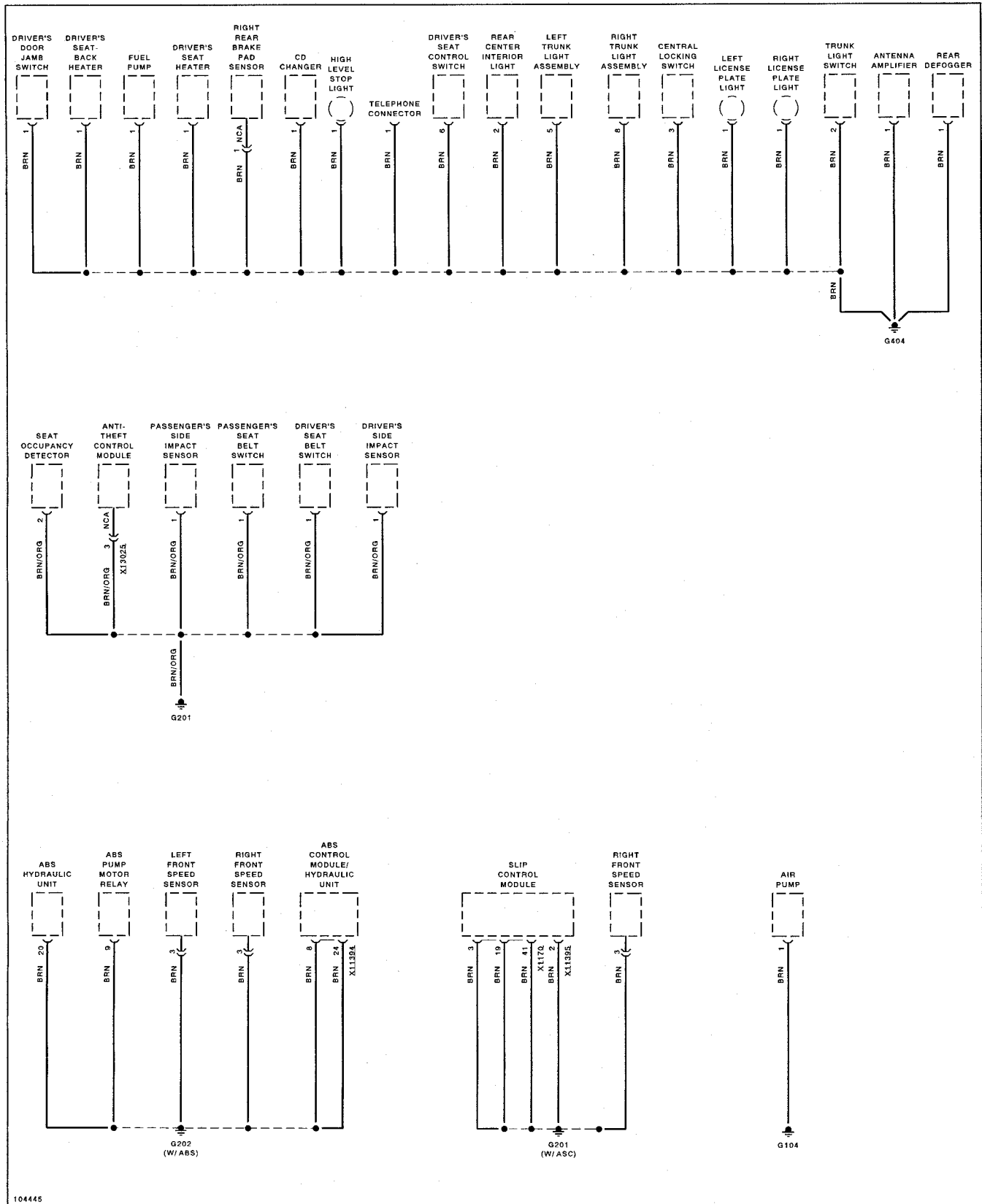


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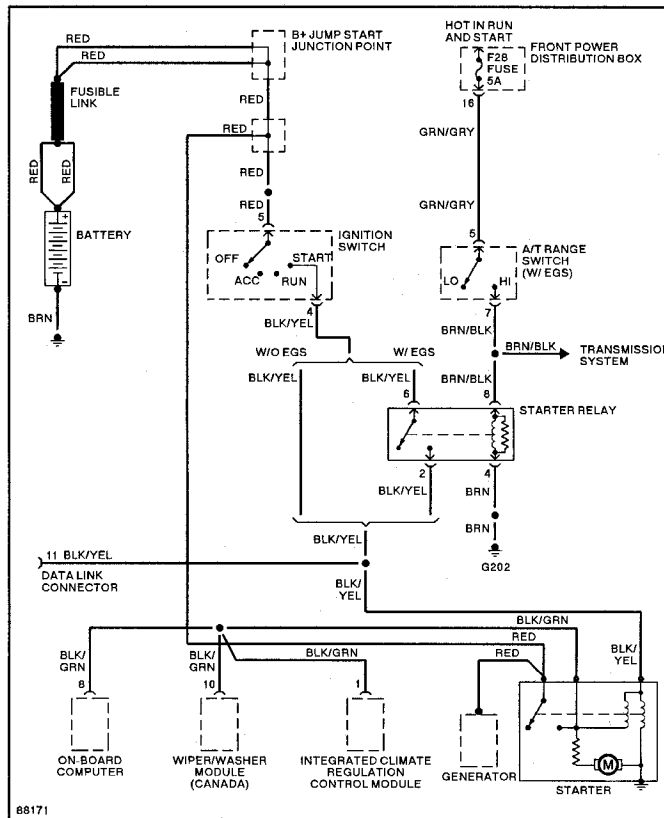
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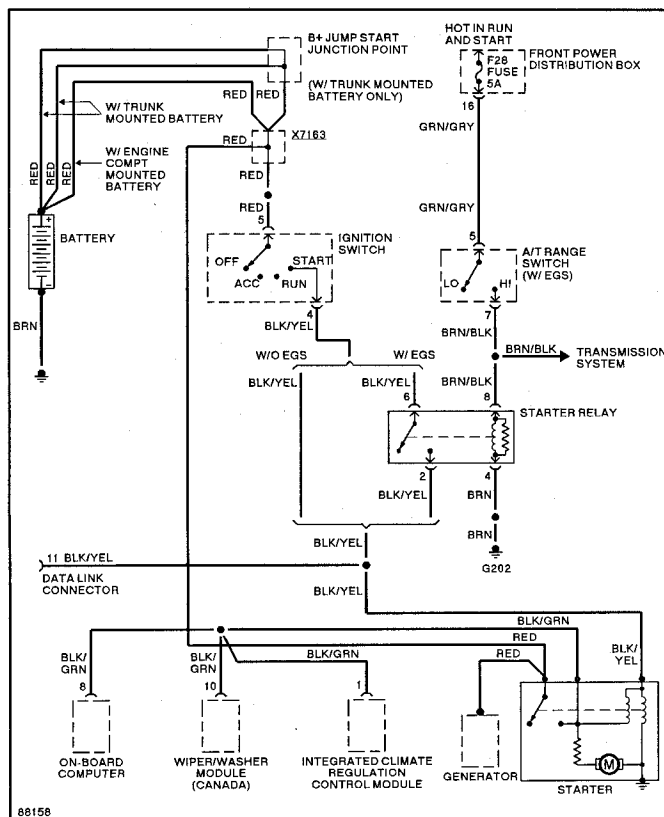
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Starting

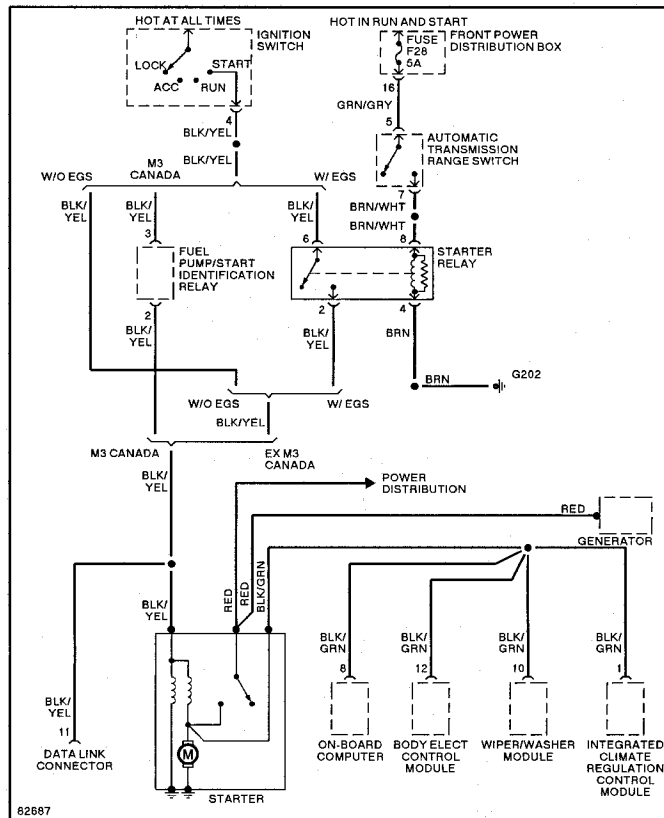


**1992
318i & 318is,
1992-93
325i & 325is**

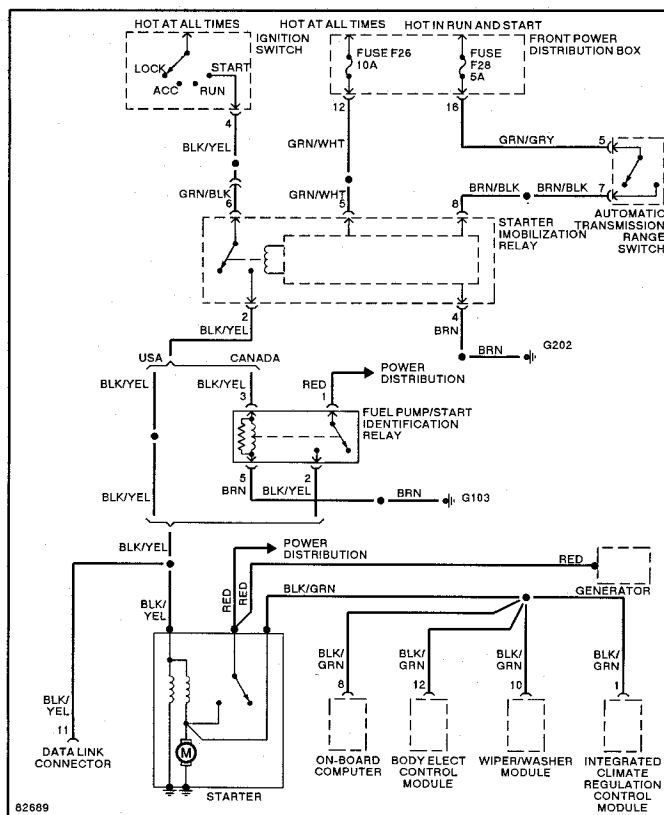


**1993
318i & 318is**

Starting

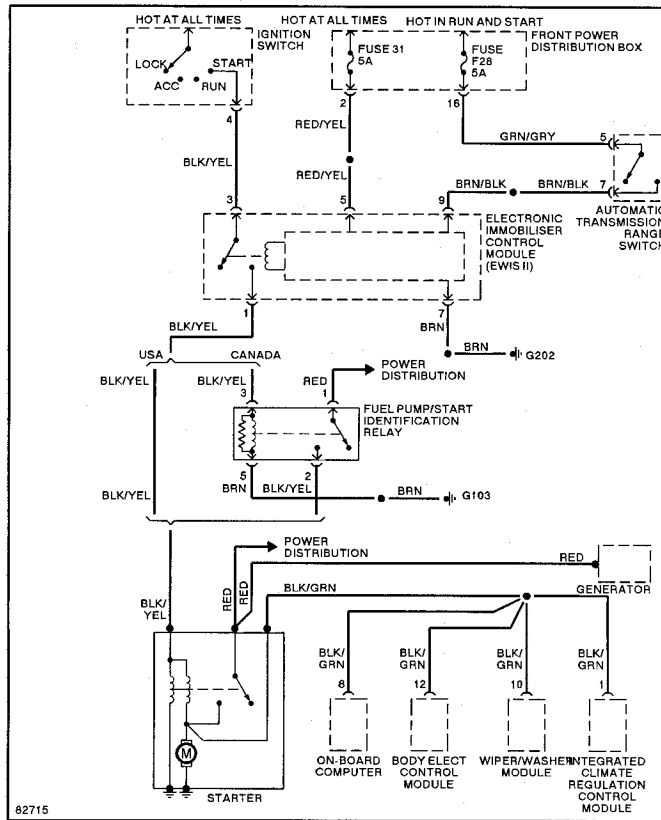


**1994 Early
Production
318i, 318iC, 318is,
325i, 325iC, 325is
& M3**

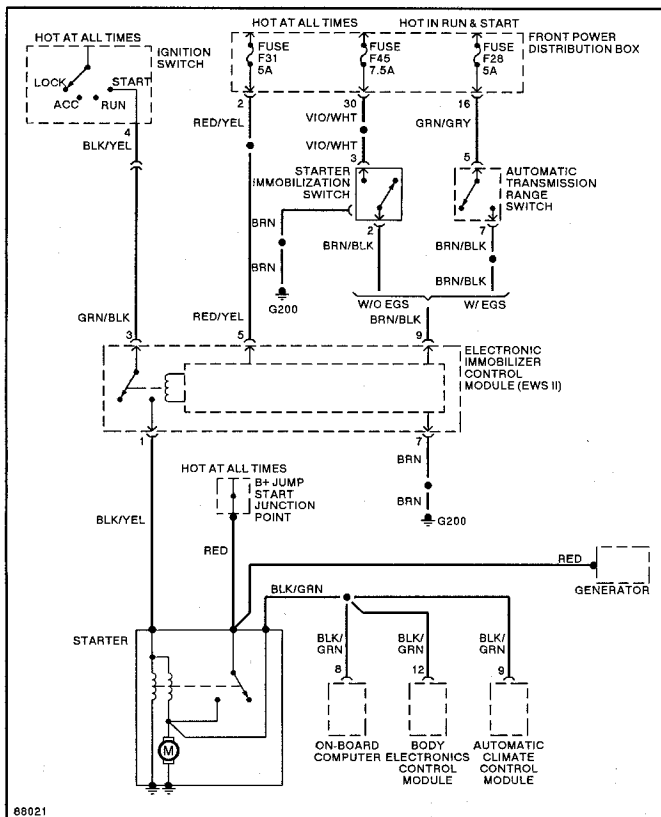


**1994 Late
Production
318i, 318iC, 318is,
325i, 325iC, 325is
& M3**

Starting

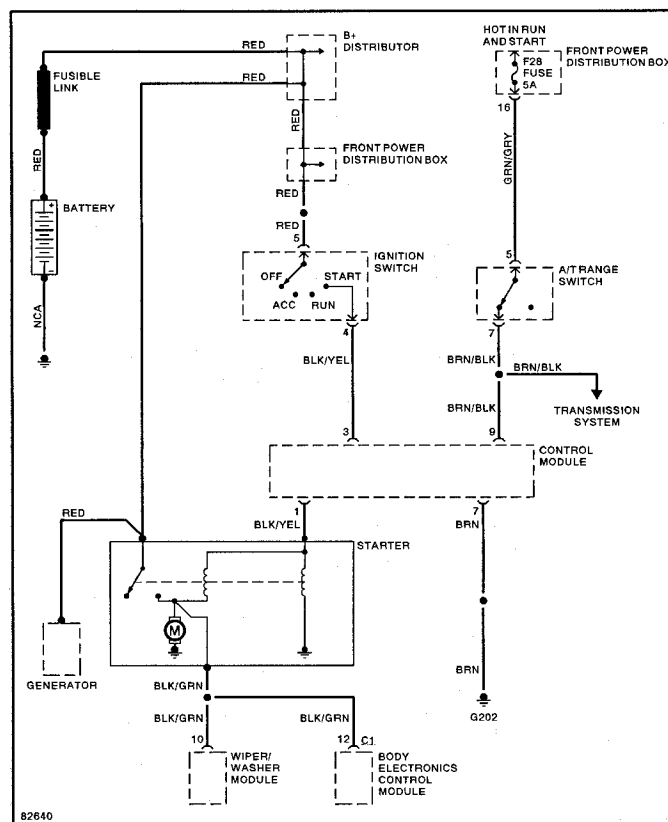
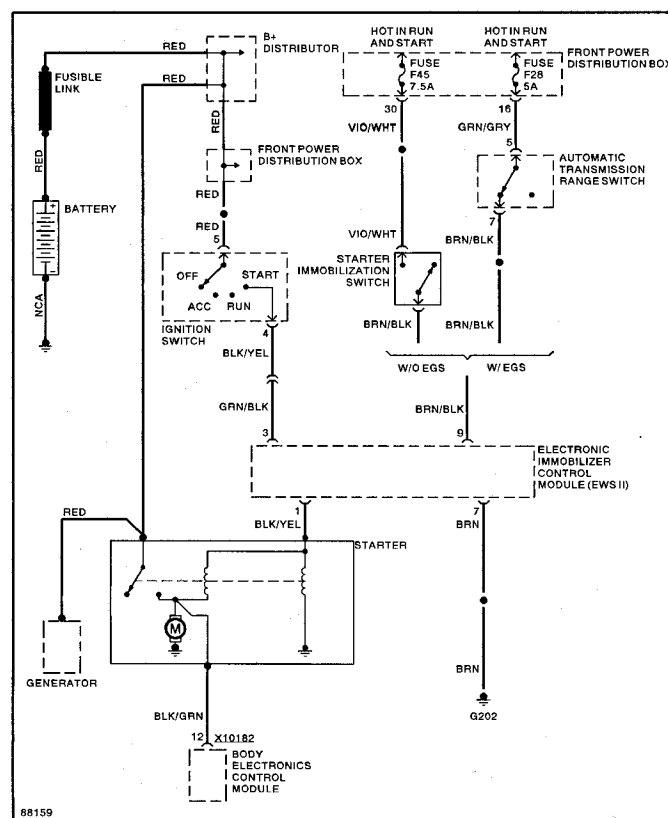


1995-96
318i, 318iC, 318is,
325i, 325iC, 325is,
328i, 328iC, 328is &
M3

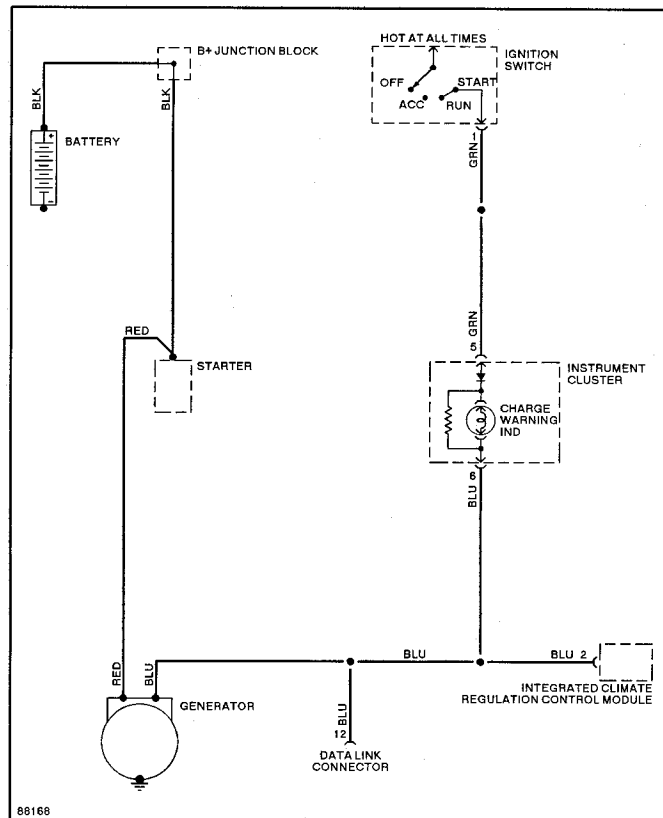


1997-98
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325i, 325iC, 325is,
328i, 328iC, 328is &
M3

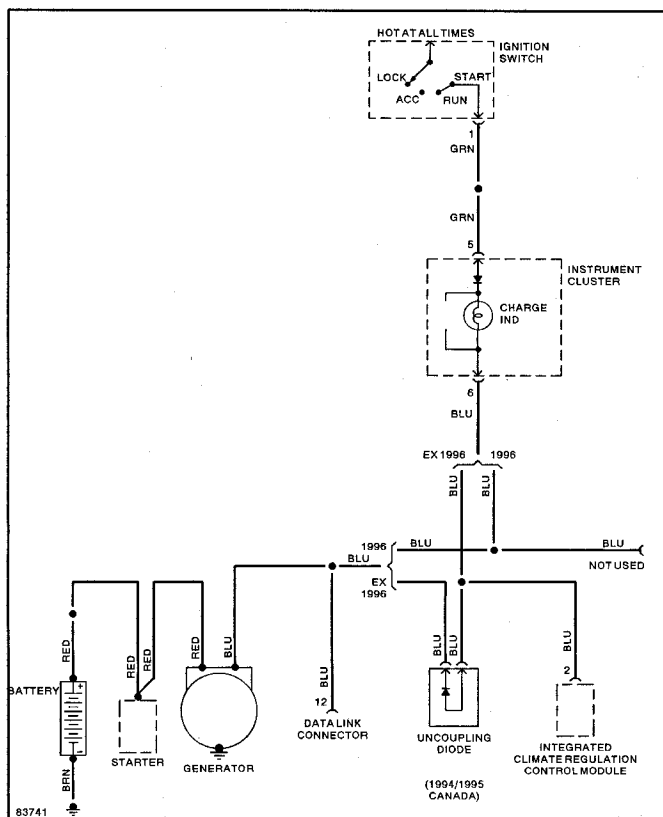
Starting

1995-96
318ti1997-98
318ti

Charging System

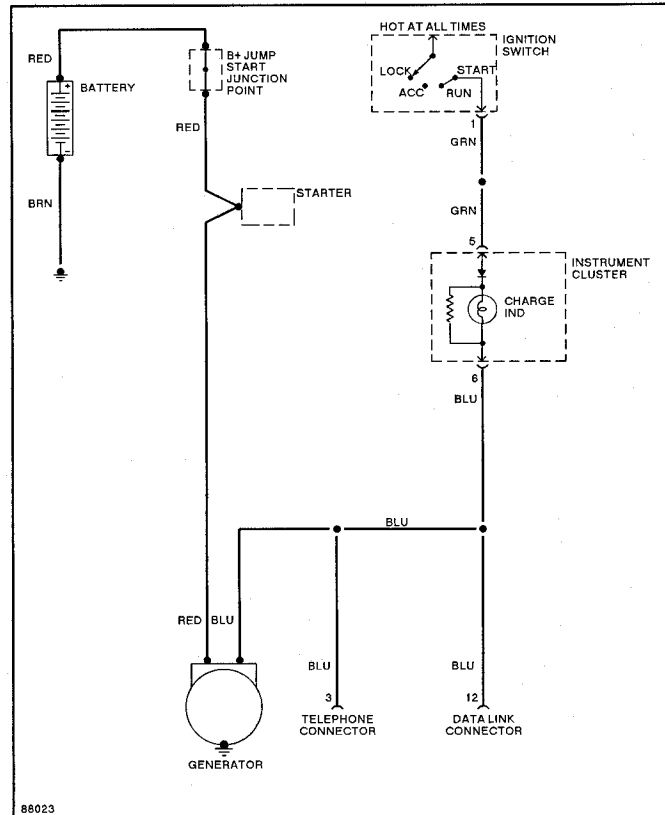


**1992-93
318i, 318is, 325i
& 325is**

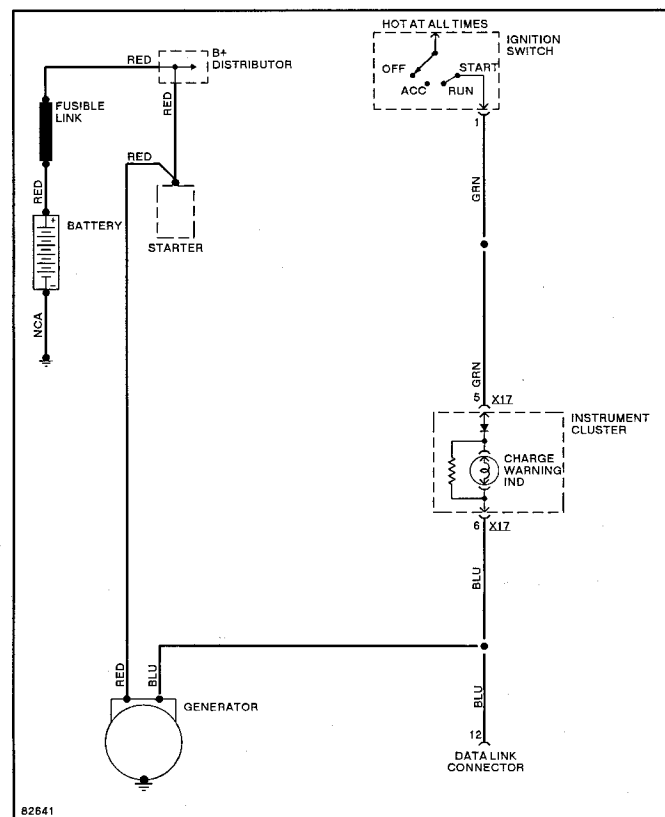


**1994-96
318i, 318iC, 318is,
325i, 325iC, 325is,
328i, 328iC, 328is
& M3**

Charging System

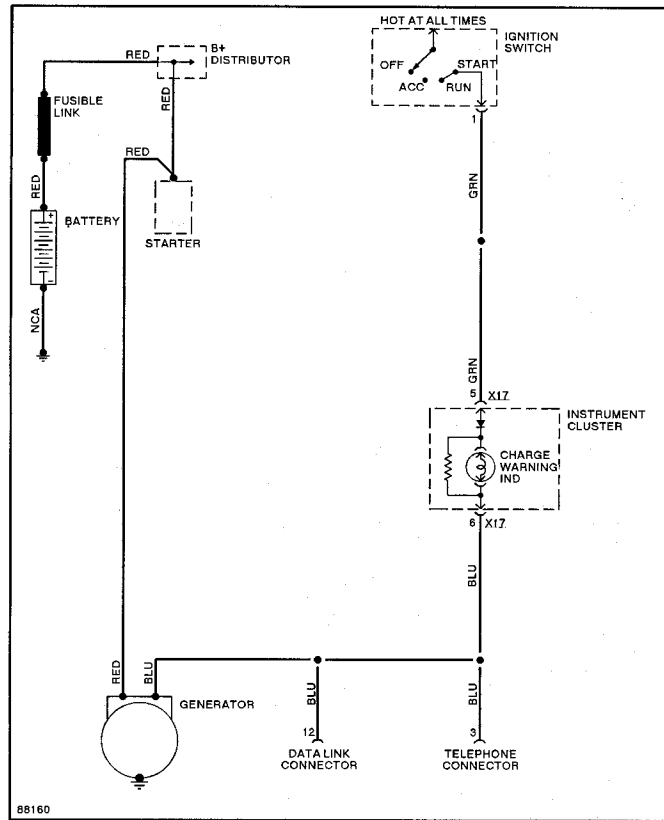


1997-98
318i, 318iC, 318is,
328i, 328iC, 328is
& M3



1995-96
318ti

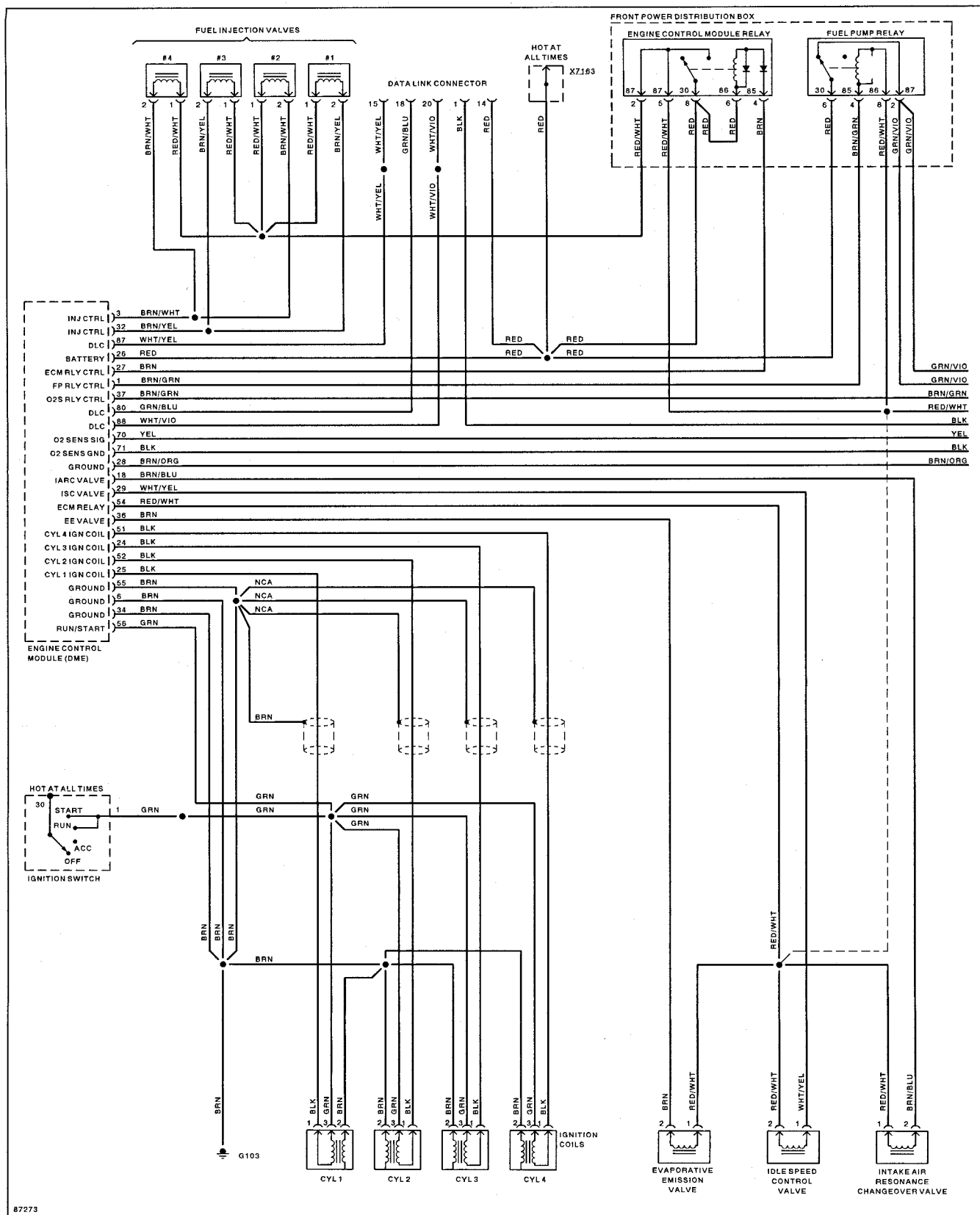
Charging System



1997-98
318ti

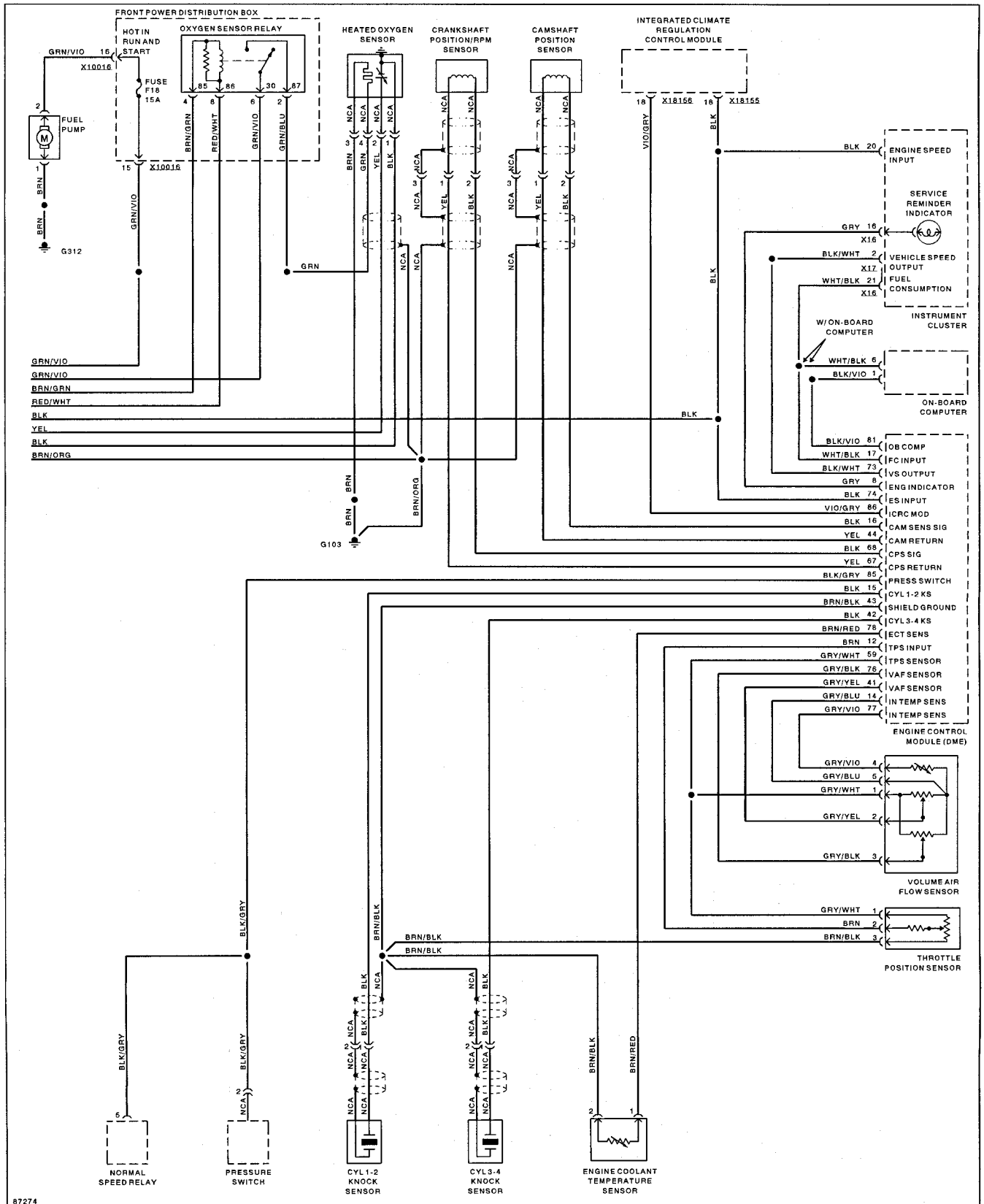
Engine Management

1992 1.8L (1 of 2)



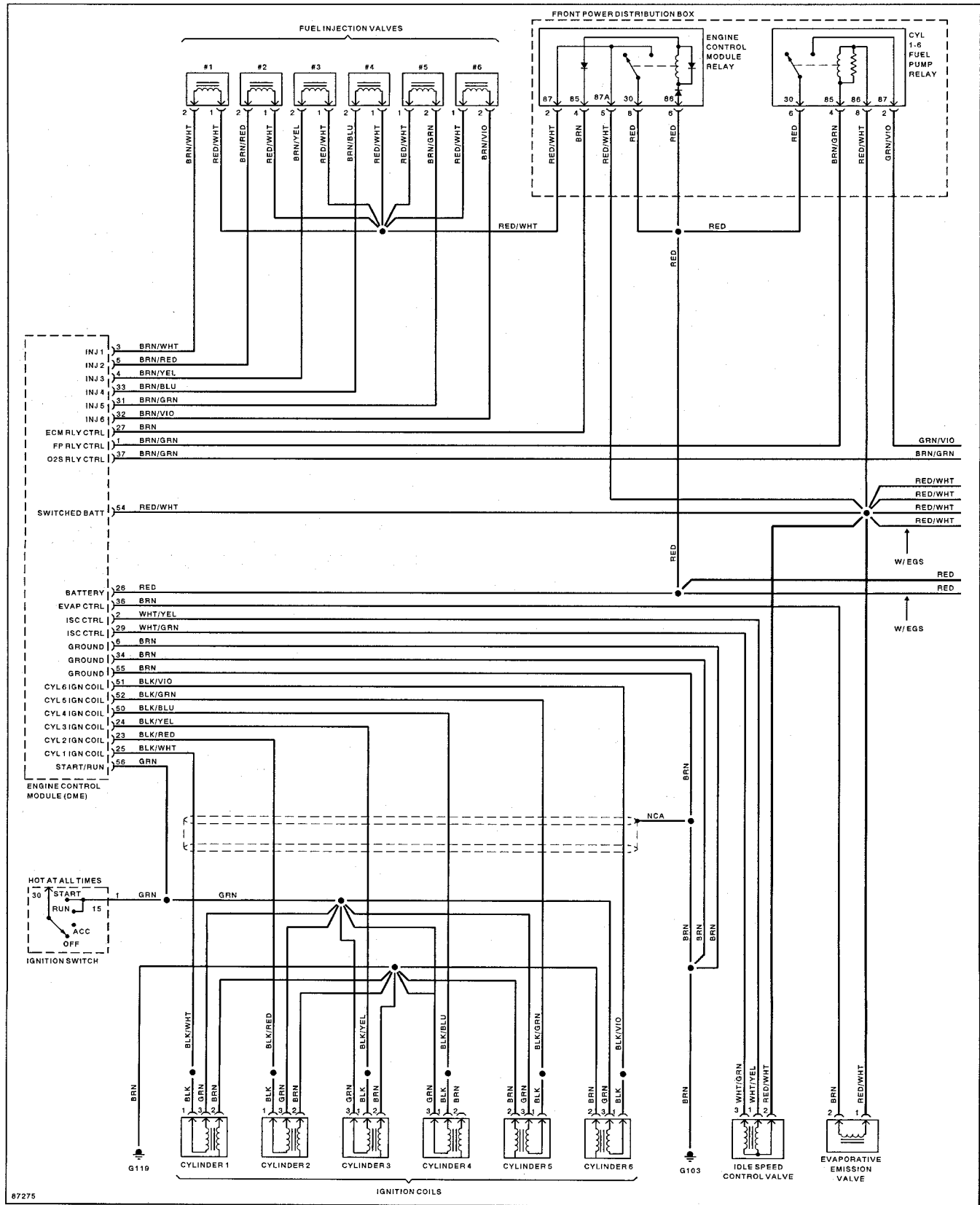
Engine Management

1992 1.8L (2 of 2)



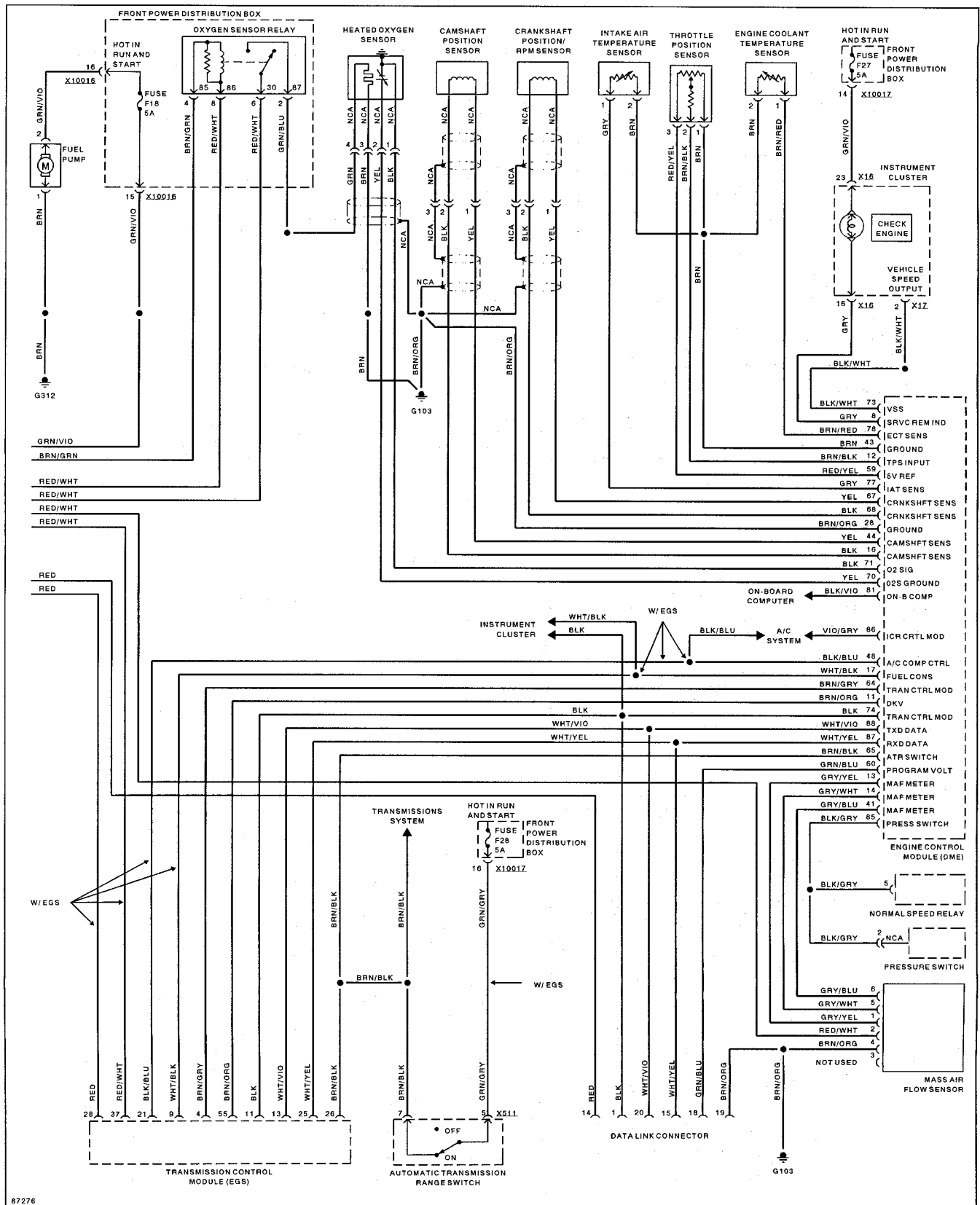
Engine Management

1992 2.5L (1 of 2)



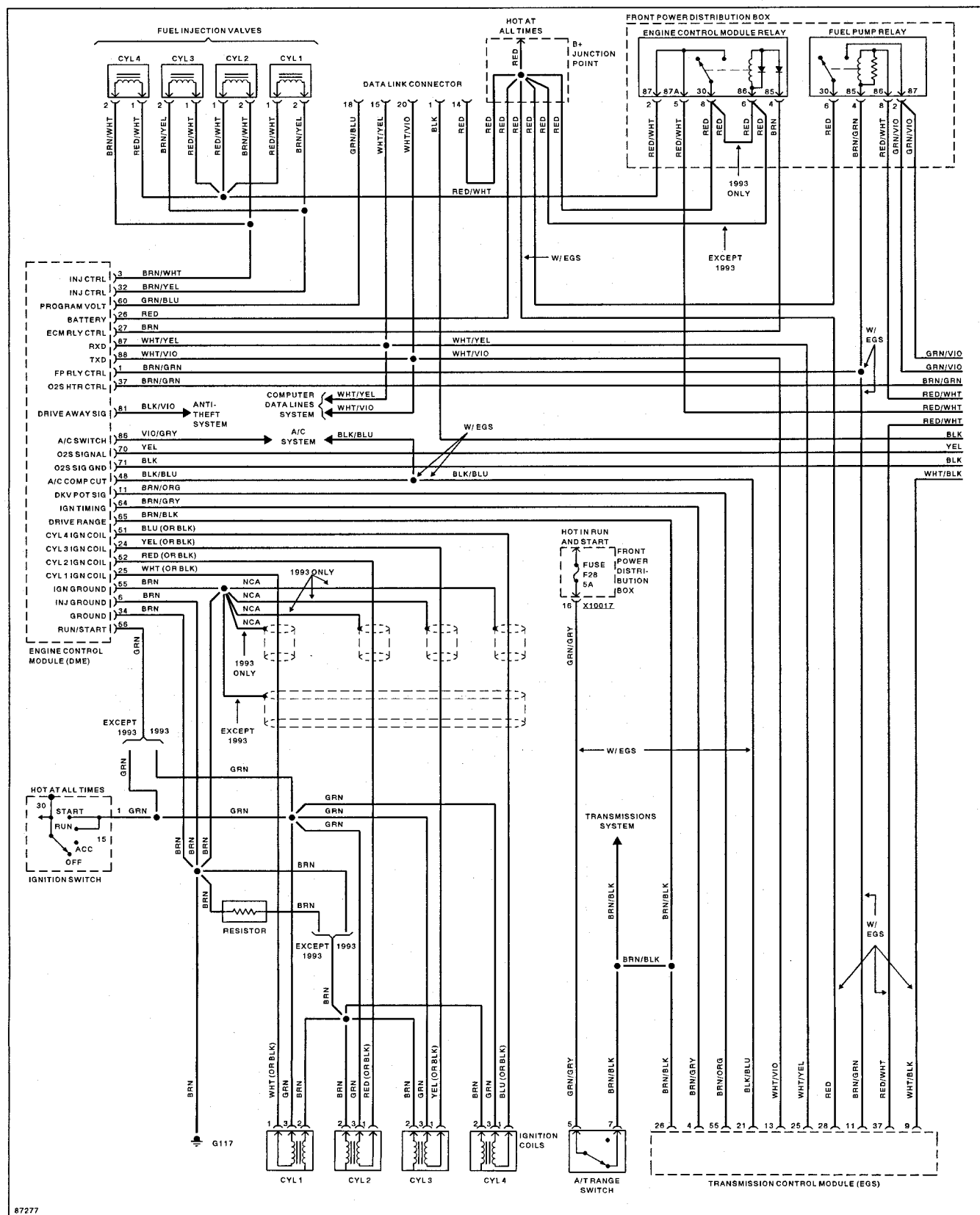
Engine Management

1992 2.5L (2 of 2)



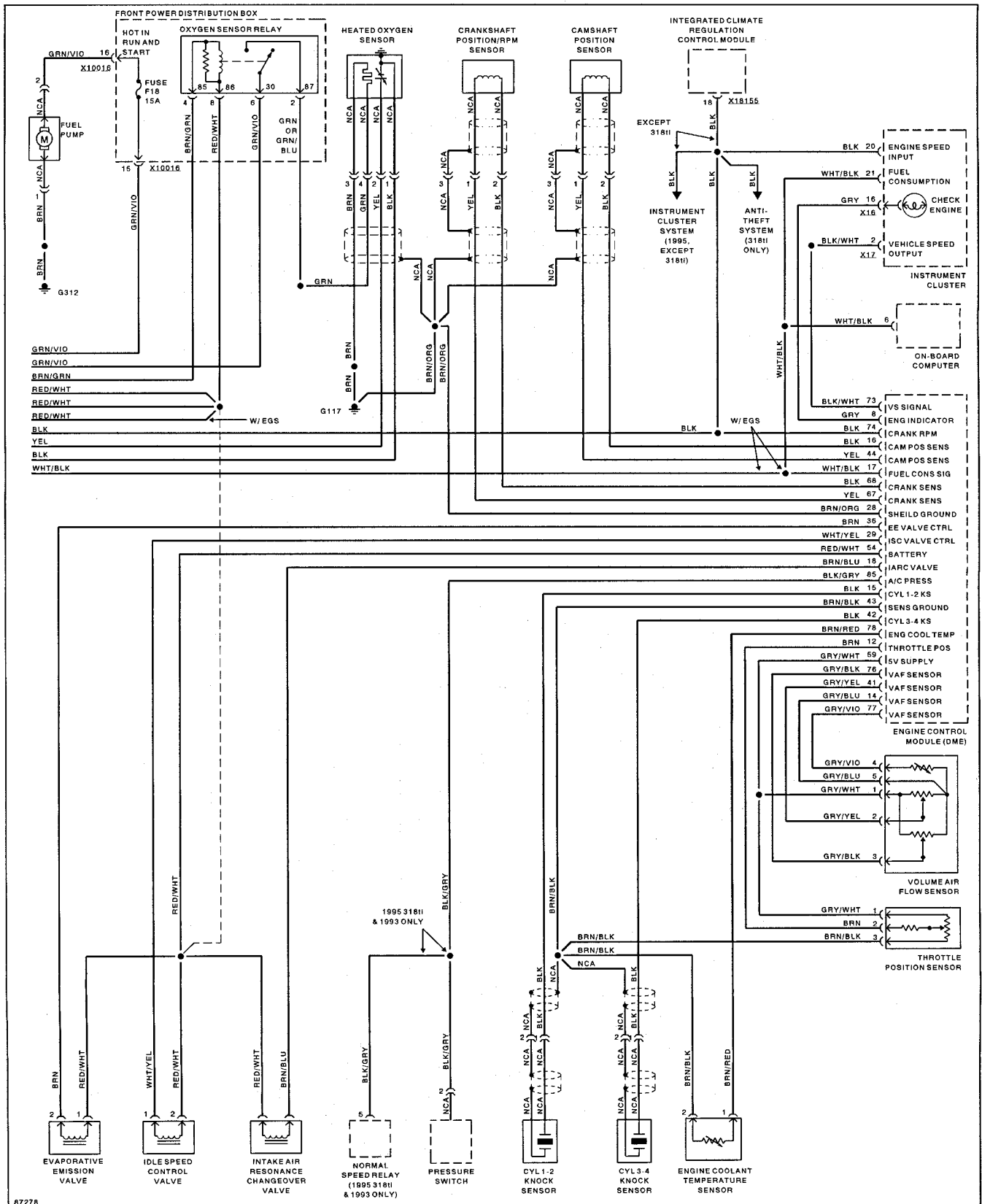
Engine Management

1993-95 1.8L (1 of 2)



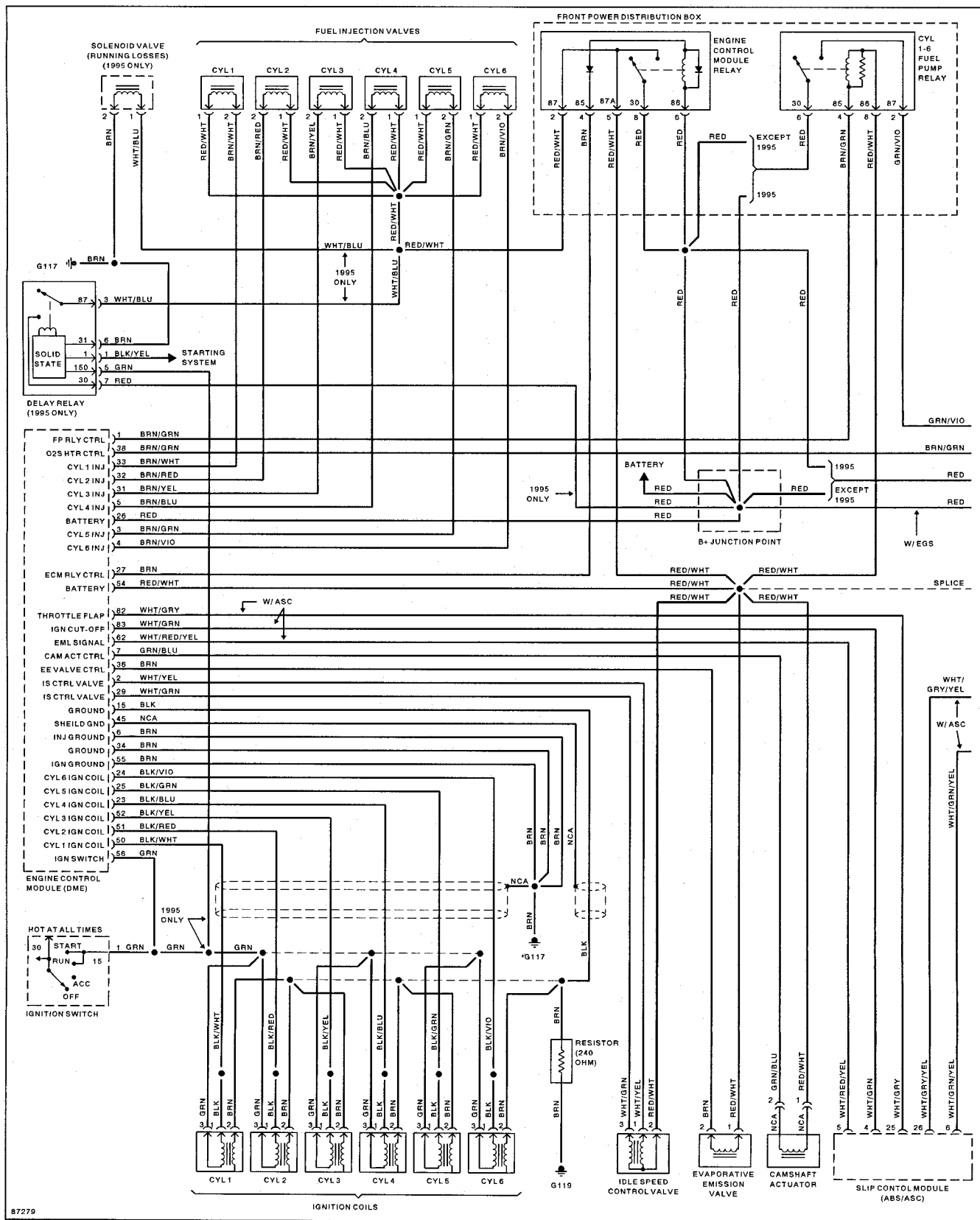
Engine Management

1993-95 1.8L (2 of 2)



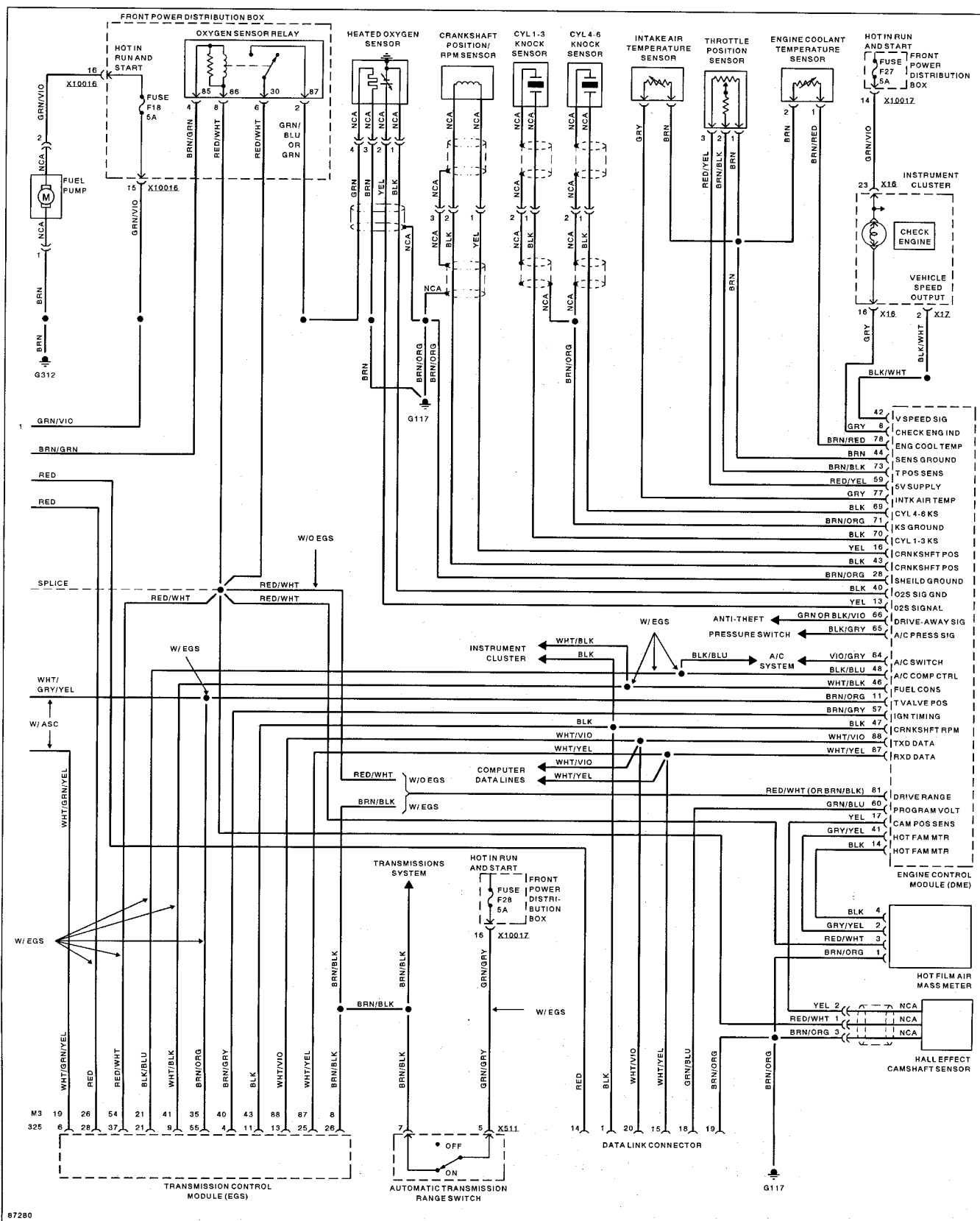
Engine Management

1993-95 2.5L (1 of 2)



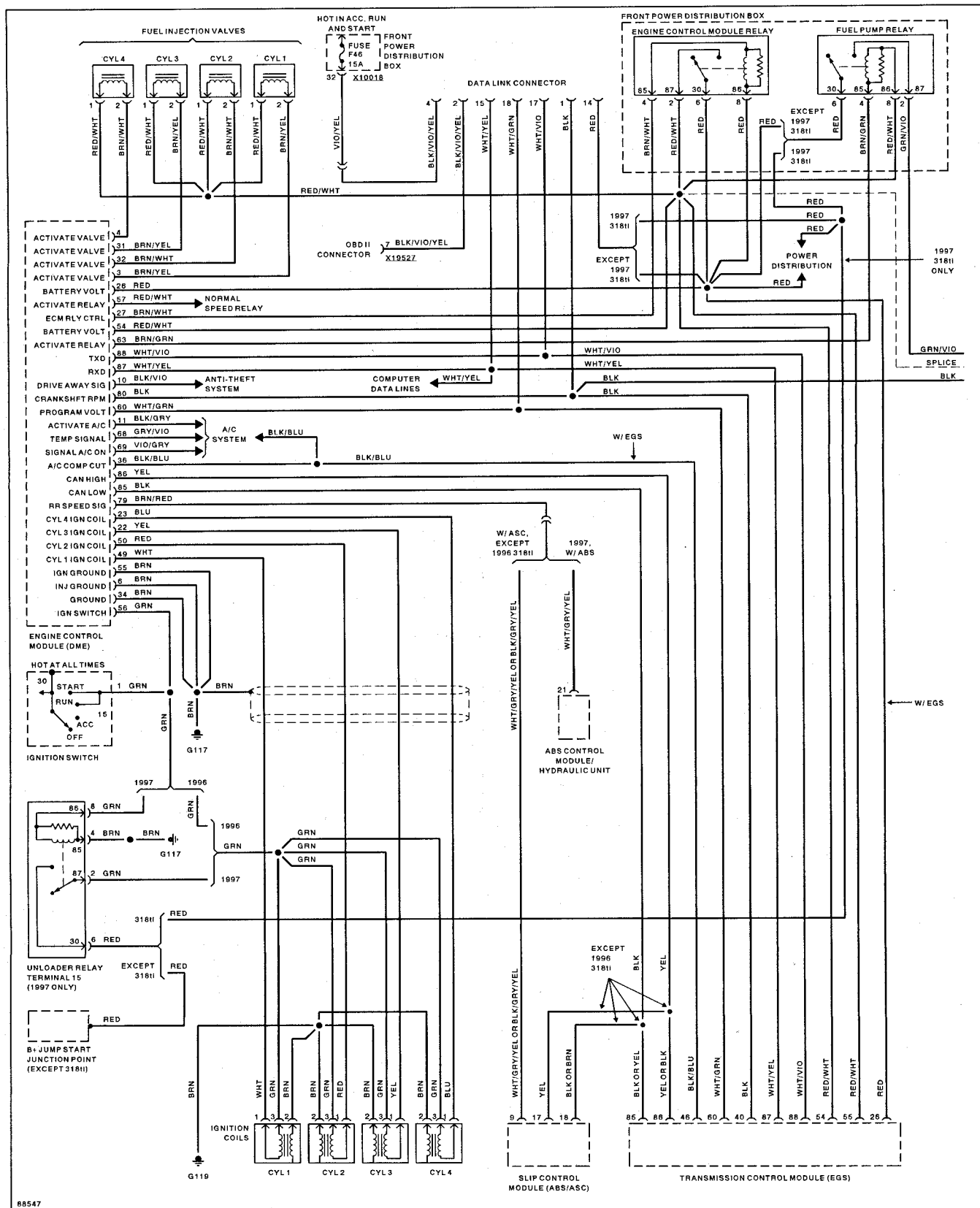
Engine Management

1993-95 2.5L (2 of 2)



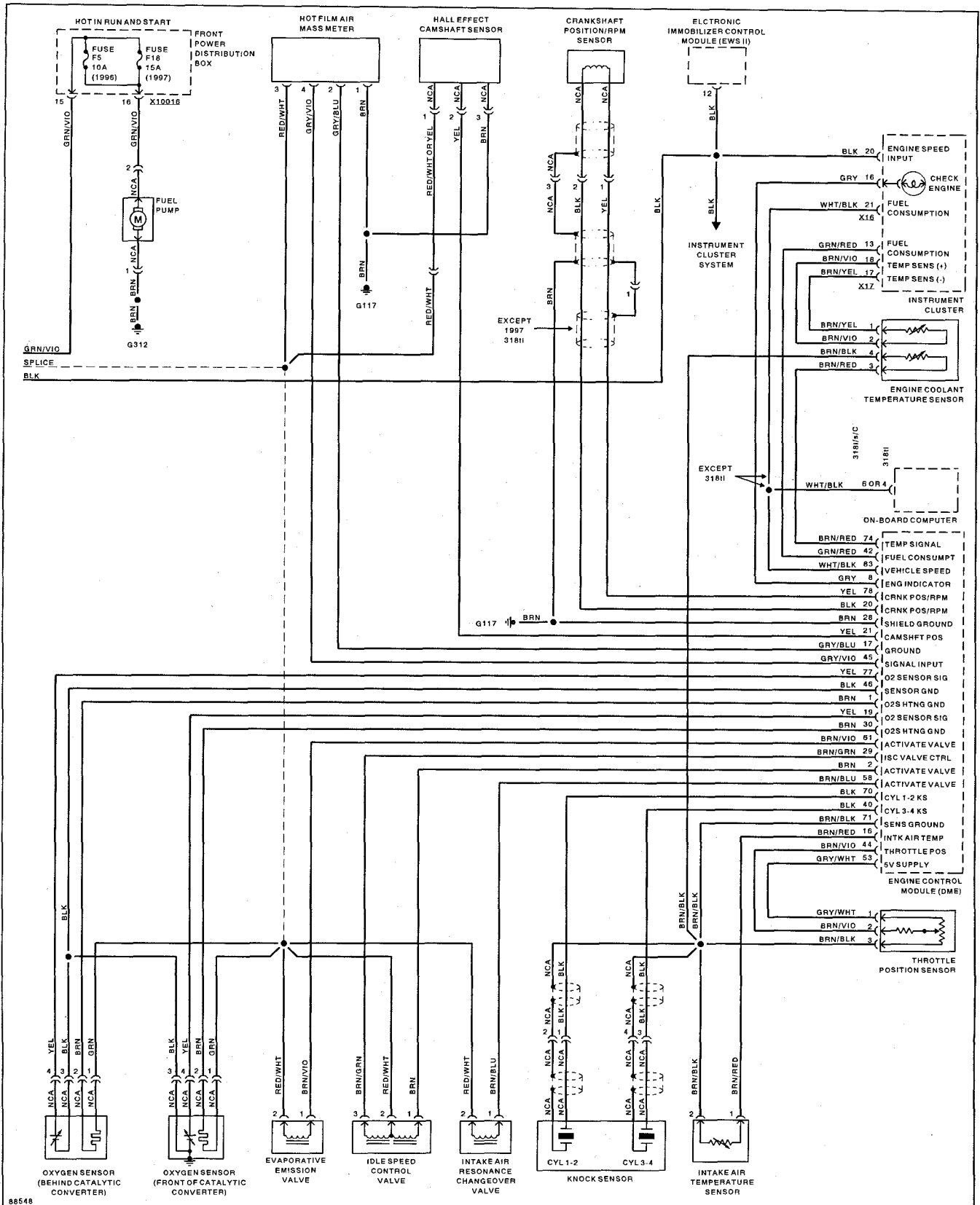
Engine Management

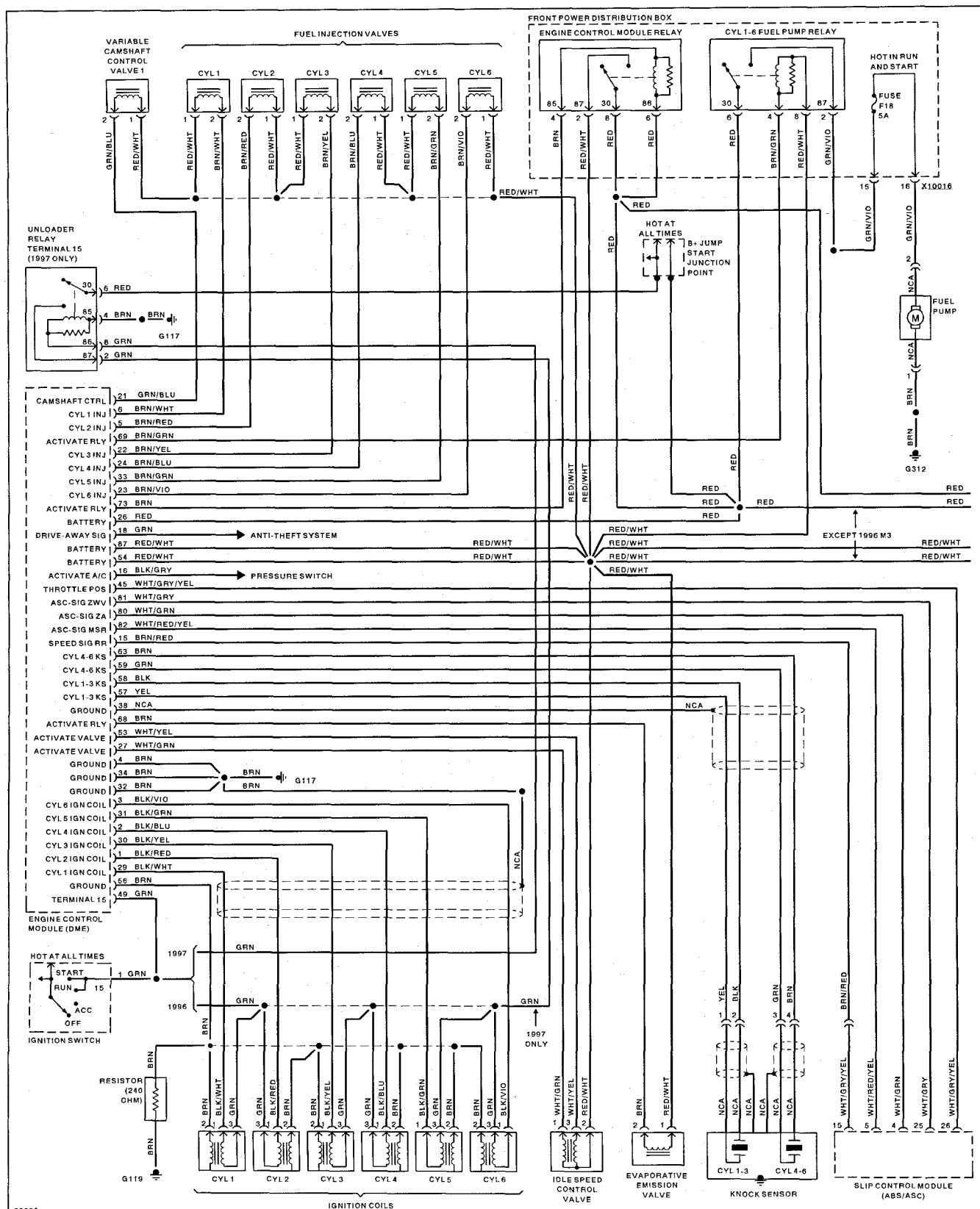
1996-97 1.9L (1 of 2)



Engine Management

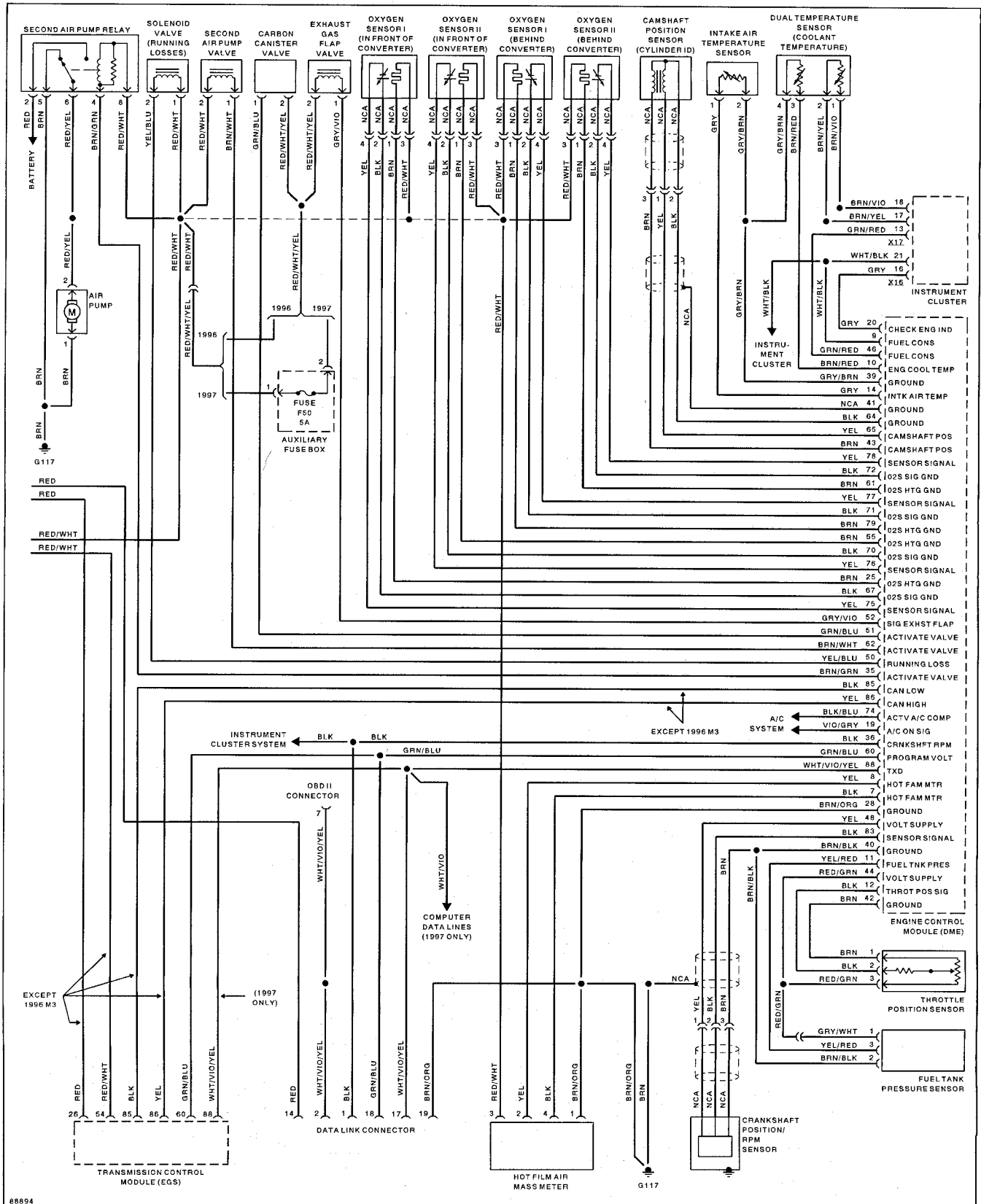
1996-97 1.9L (2 of 2)





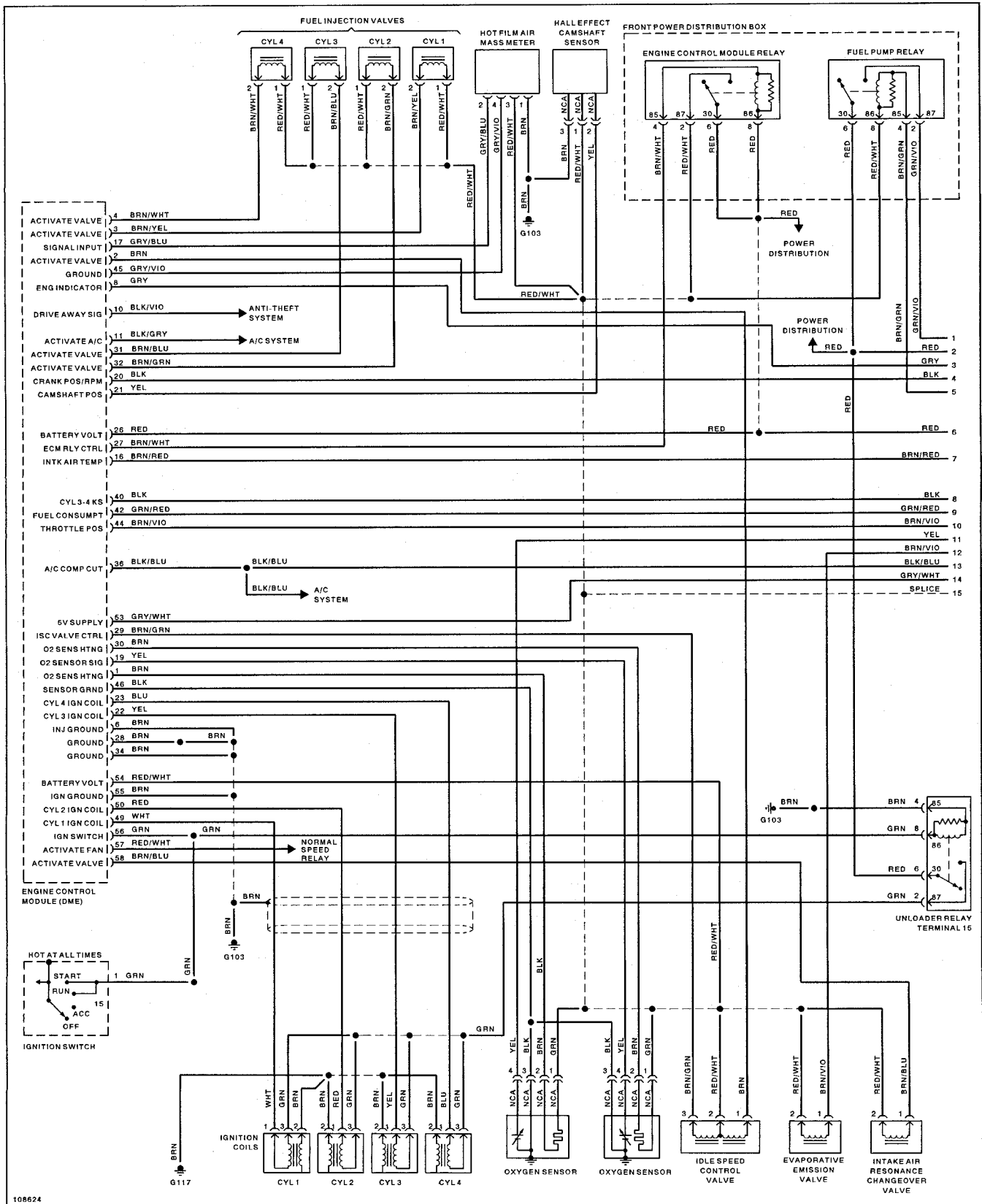
Engine Management

1996-97 2.8L (2 of 2)



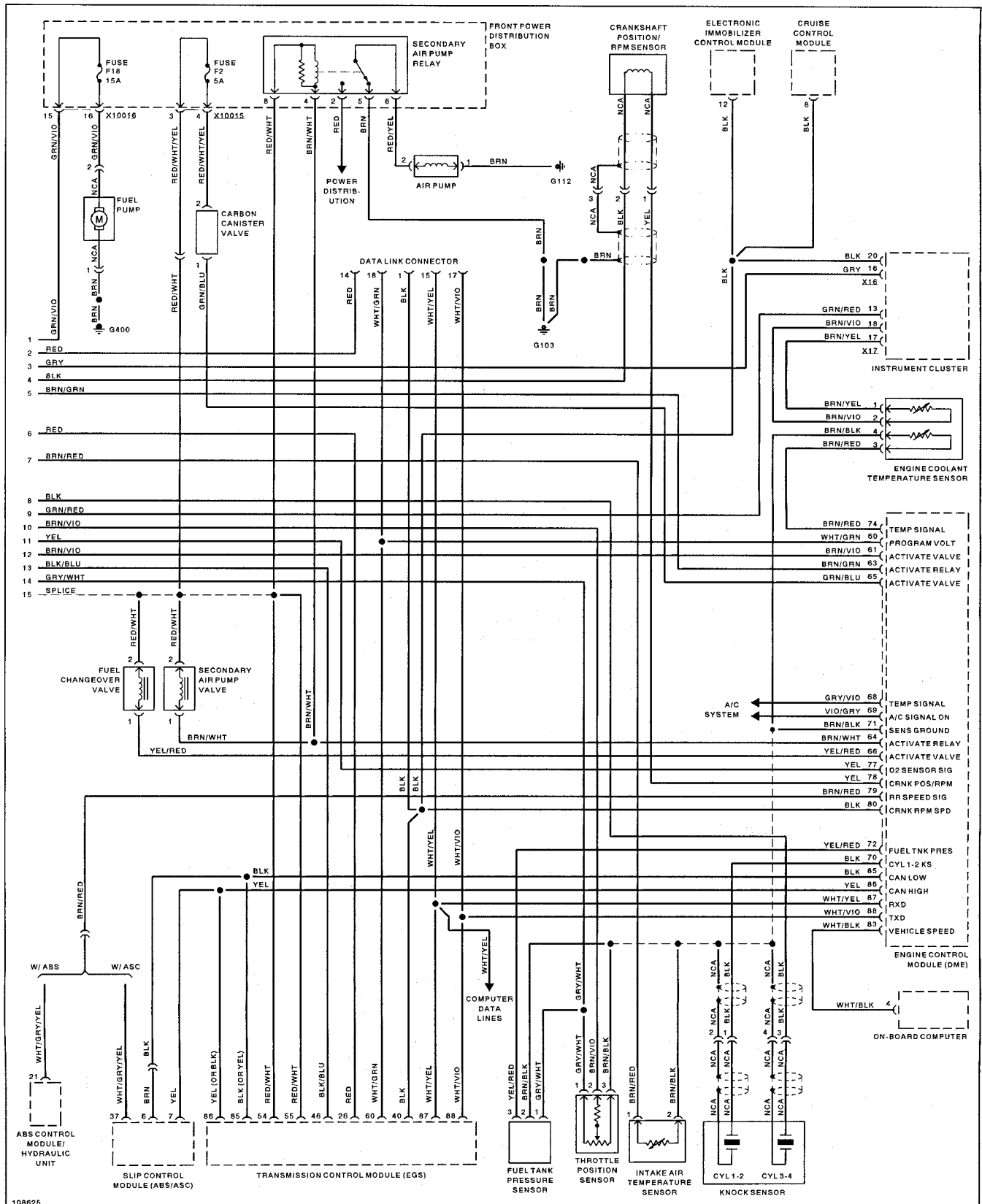
Engine Management

1998 1.9L (1 of 2)



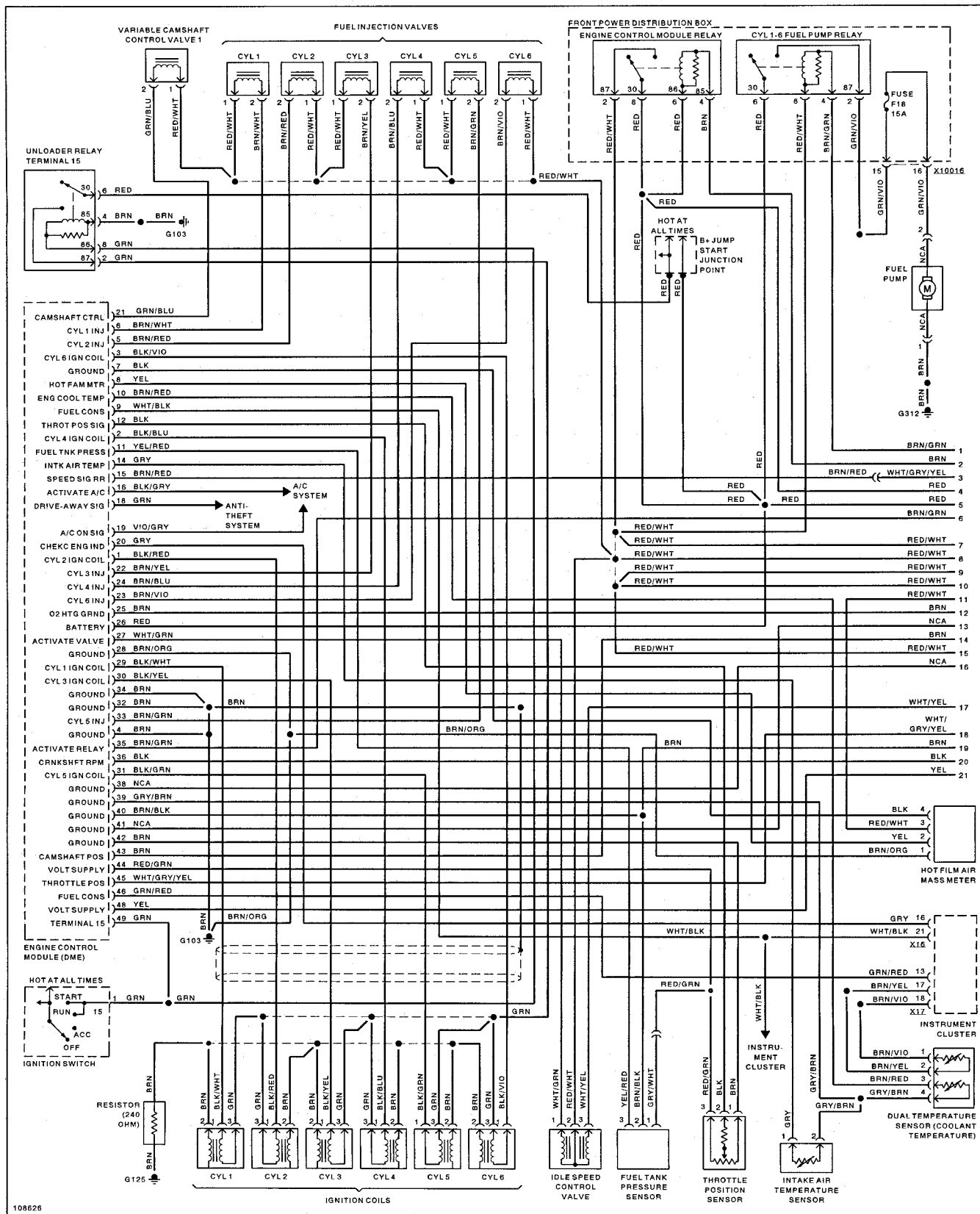
Engine Management

1998 1.9L (2 of 2)



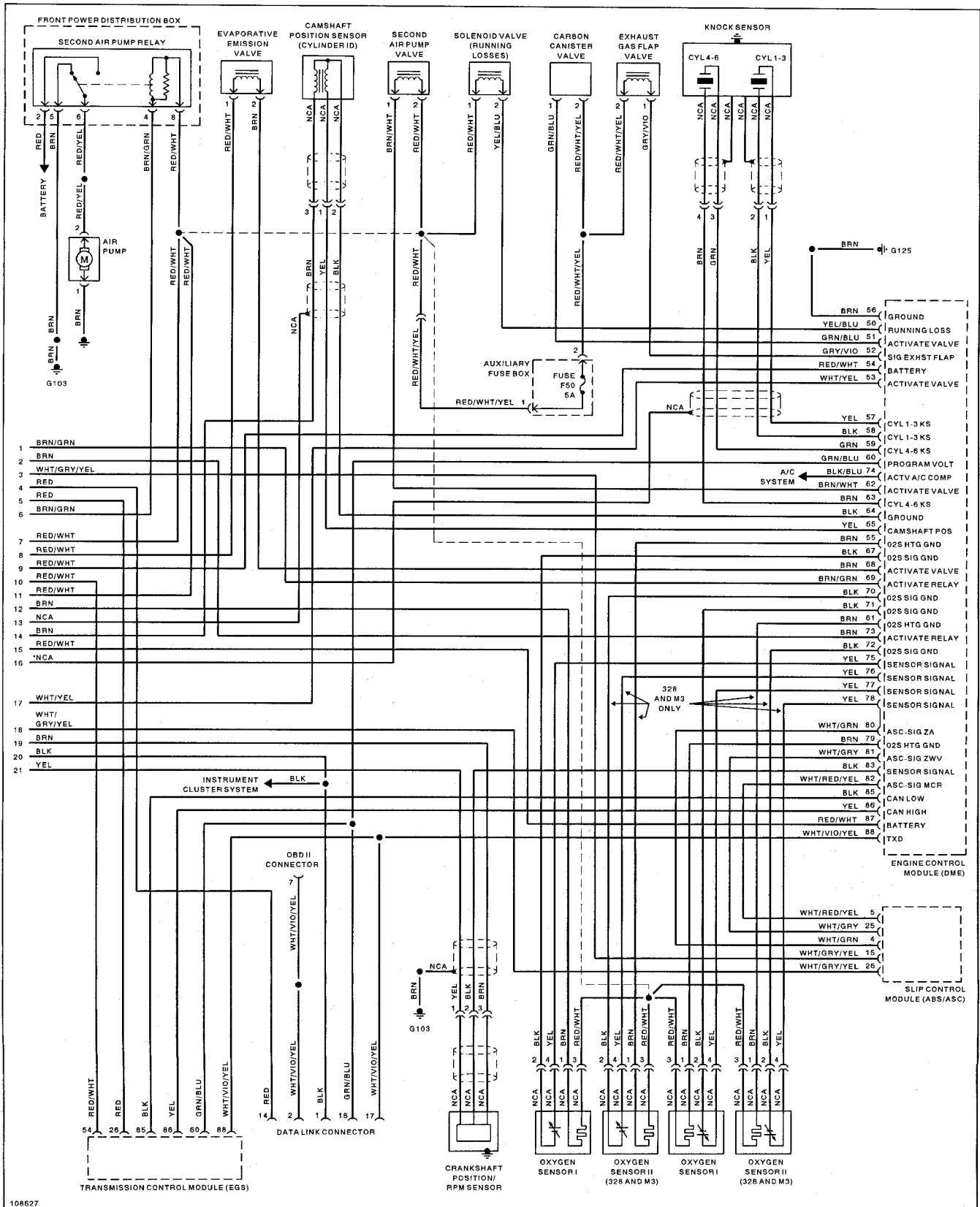
Engine Management

1998 2.5L (323i), 2.8L (328i), 3.2L (M3) (1 of 2)

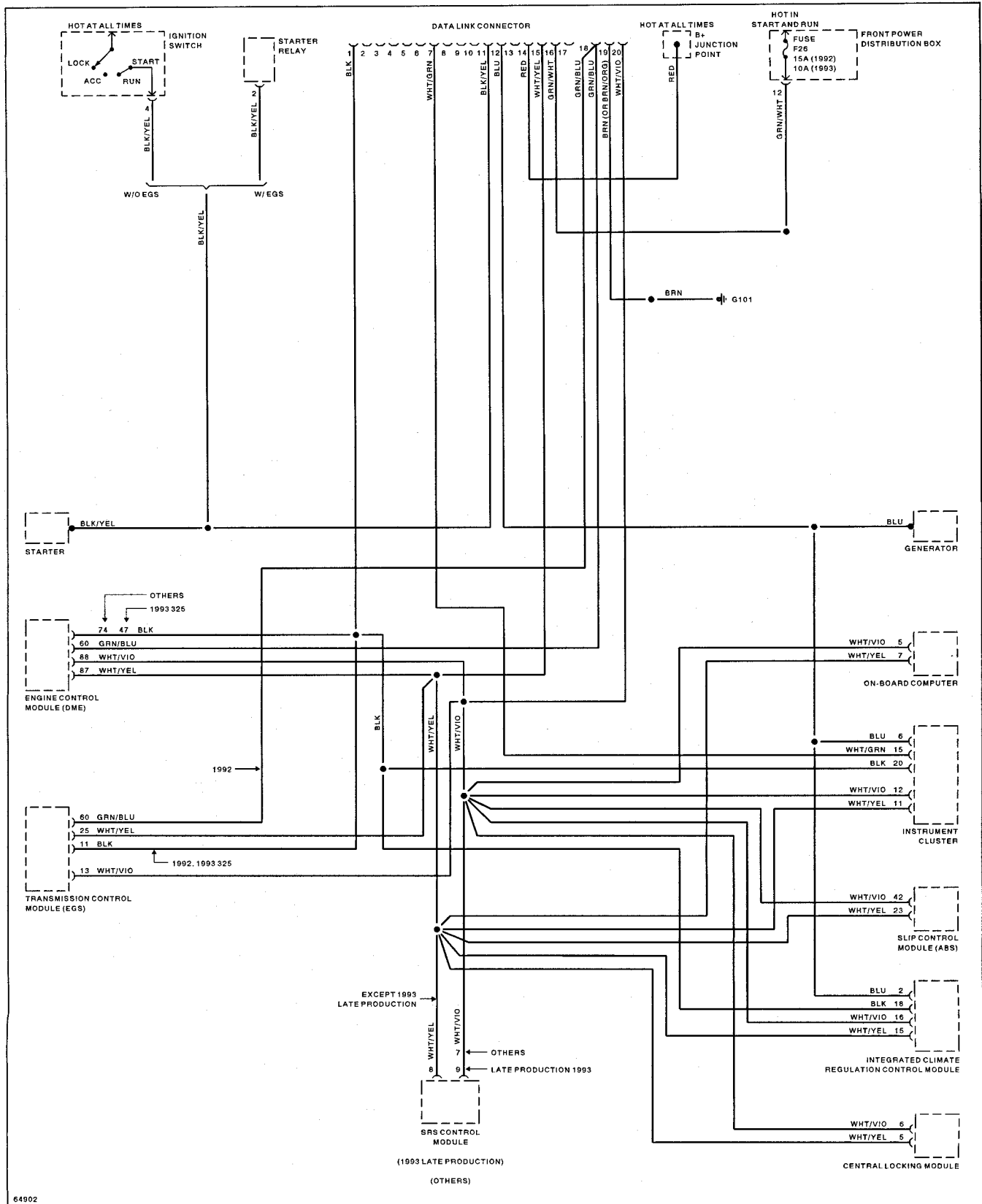


Engine Management

1998 2.5L (323i), 2.8L (328i), 3.2L (M3) (2 of 2)

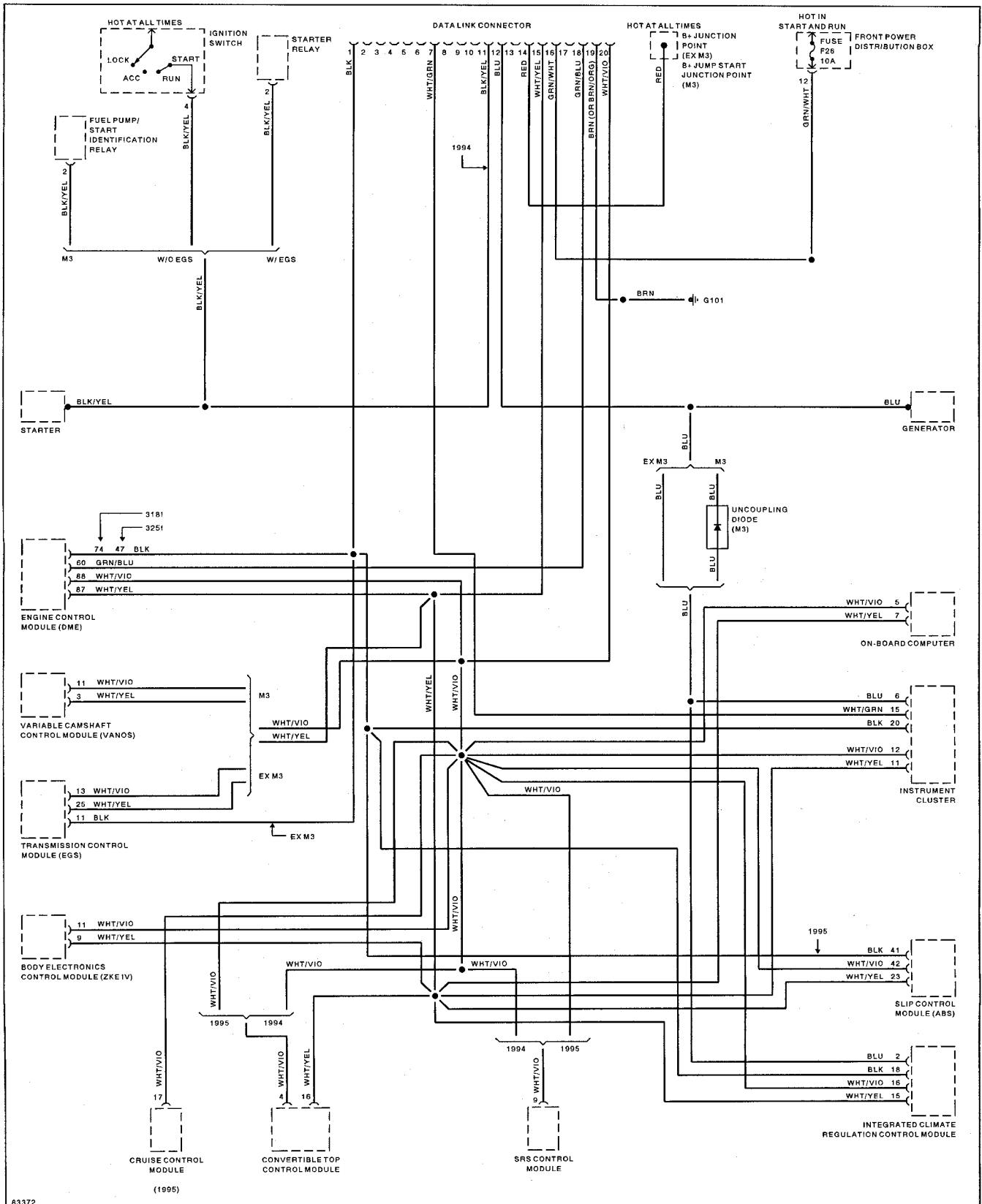


Data Link Connector 1992-93



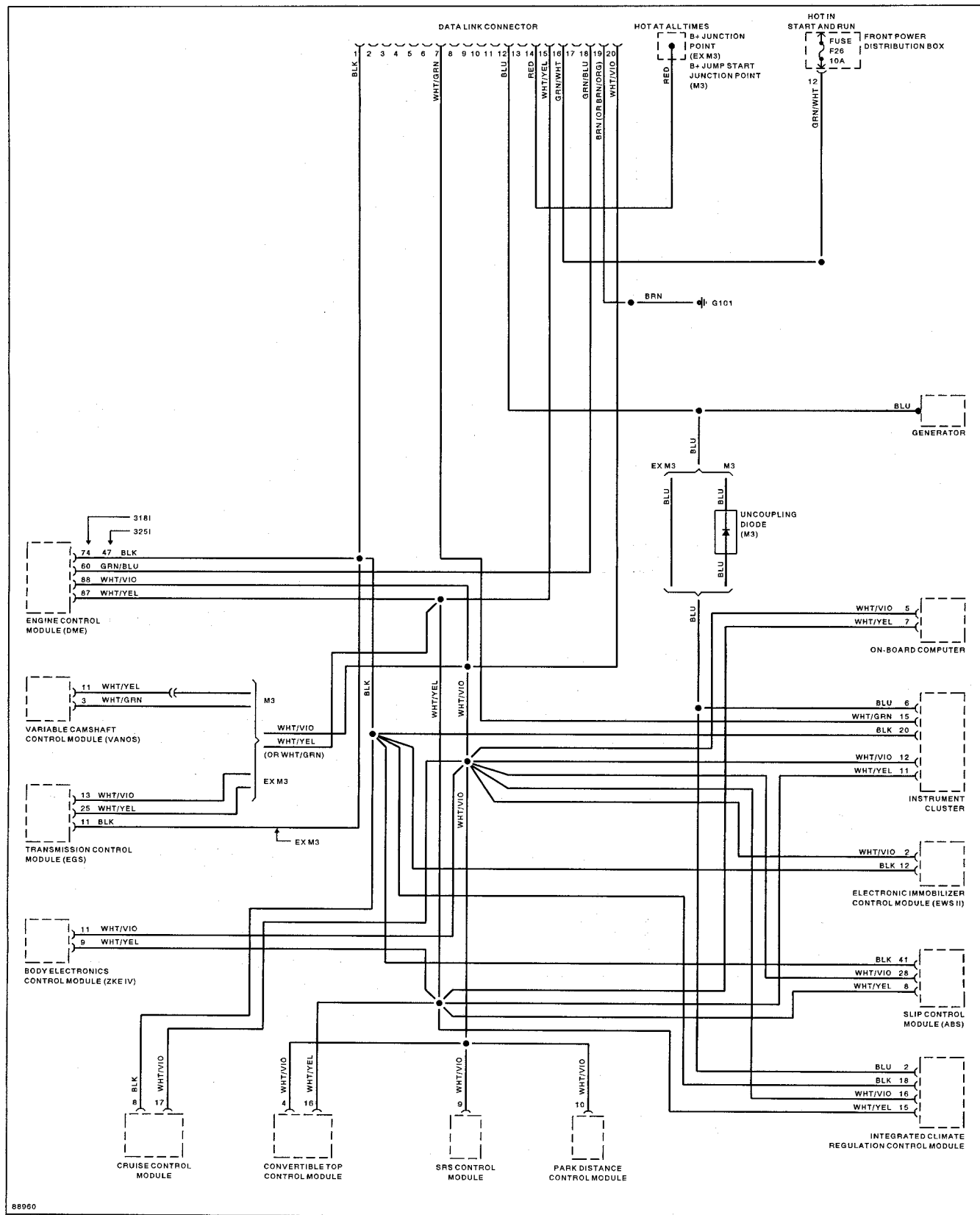
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1994-95 Early Production Except 318ti



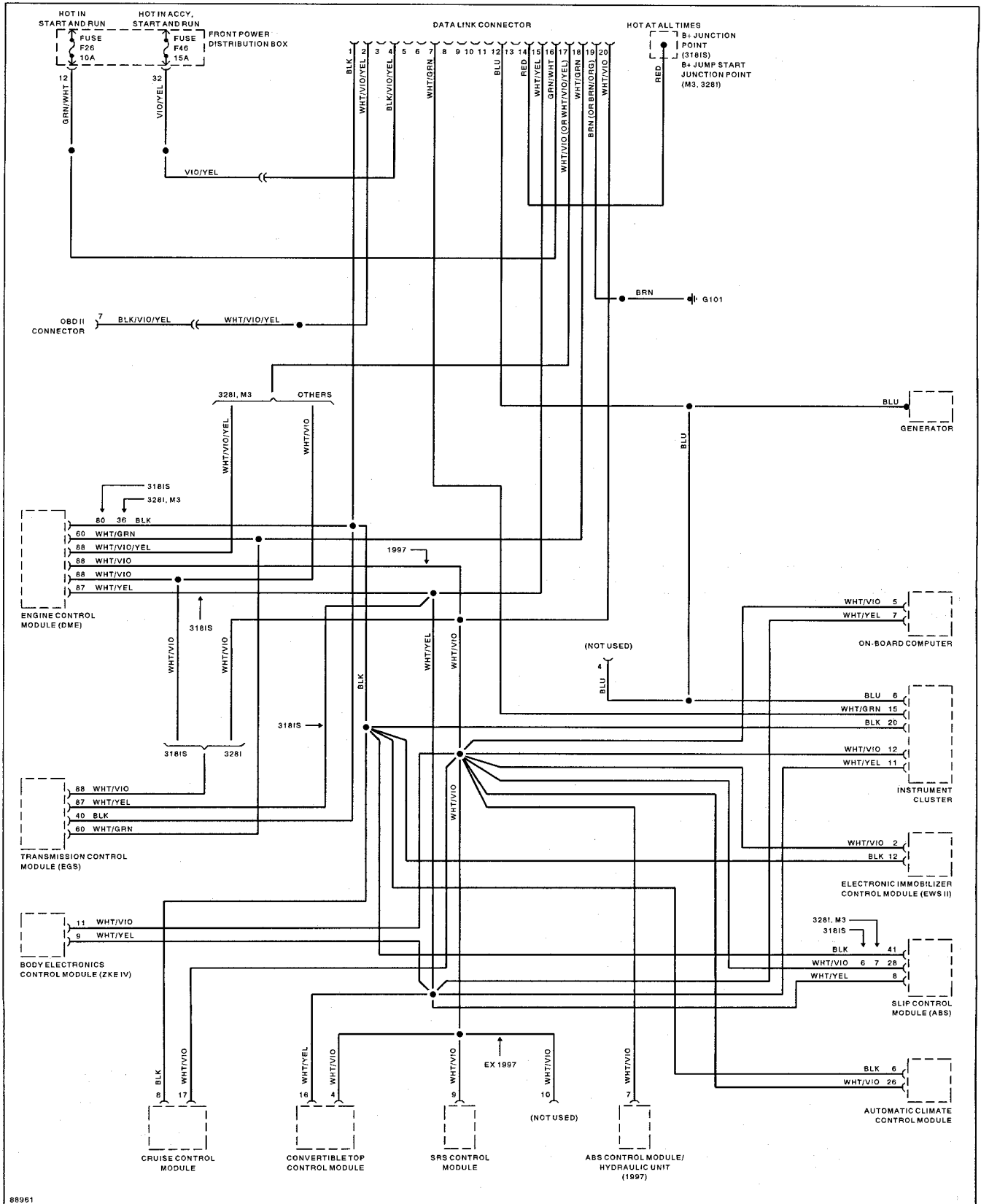
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1995 Late Production Except 318ti



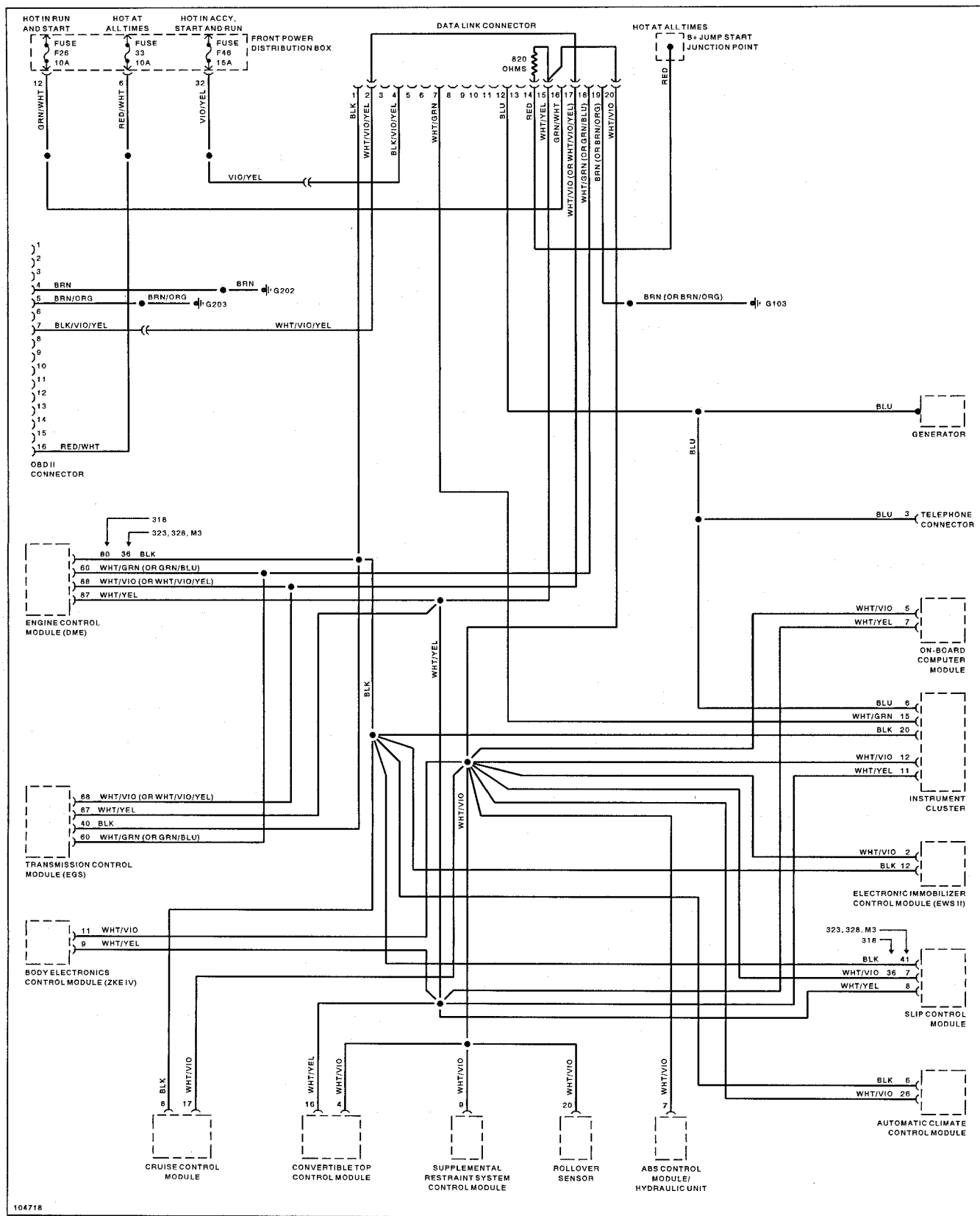
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1996-97 Except 318ti



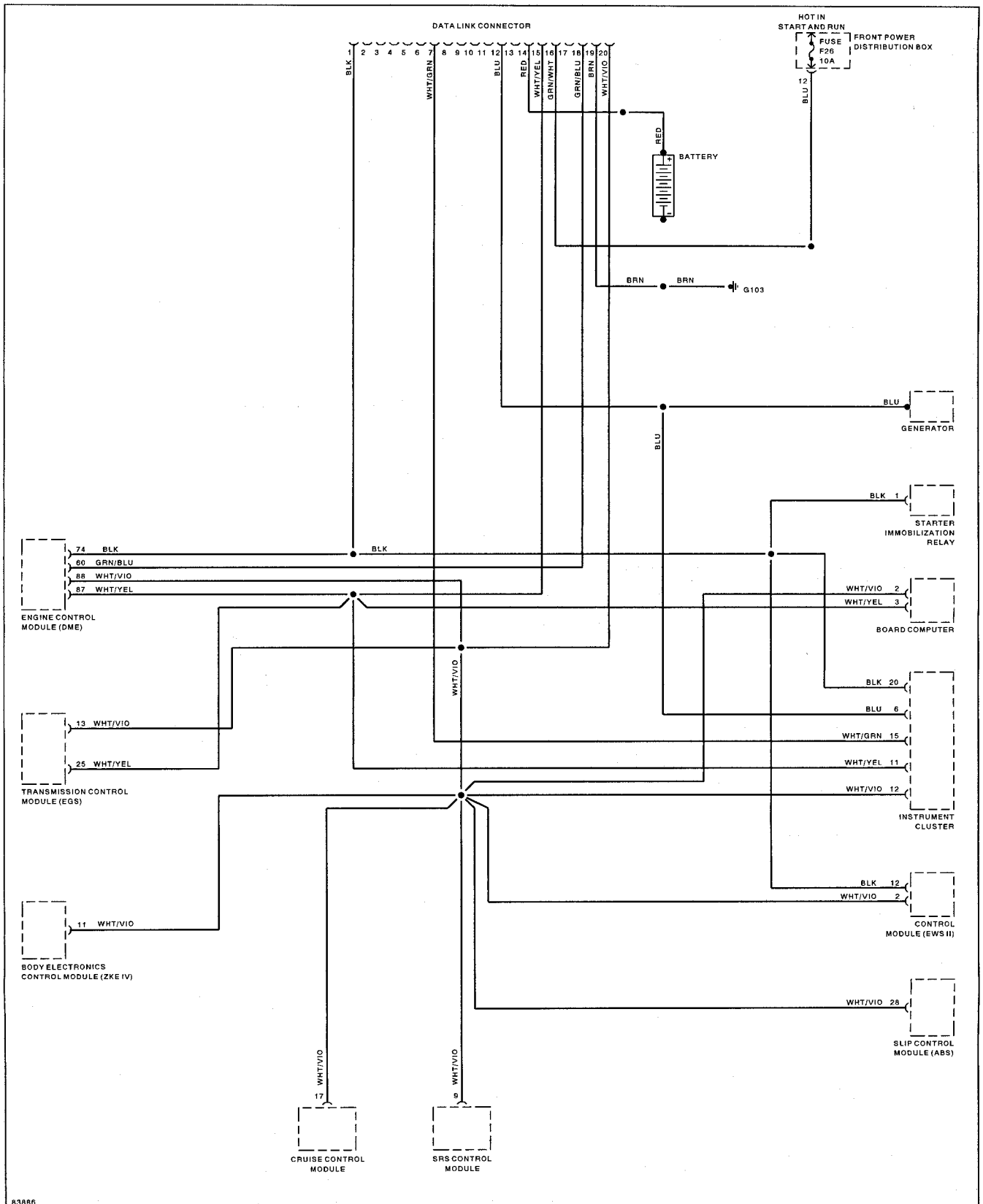
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1998 Except 318ti



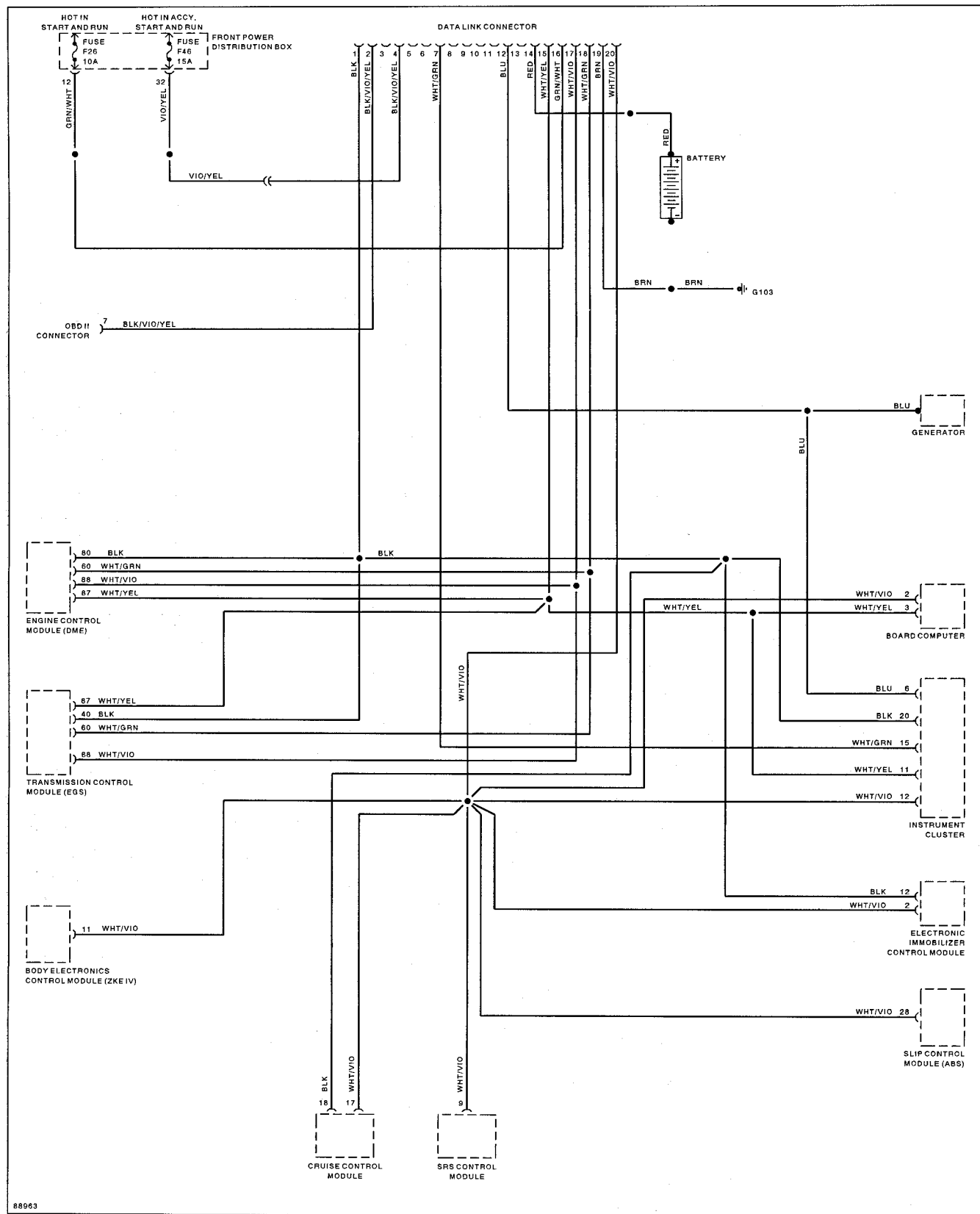
Data Link Connector

1995 318ti



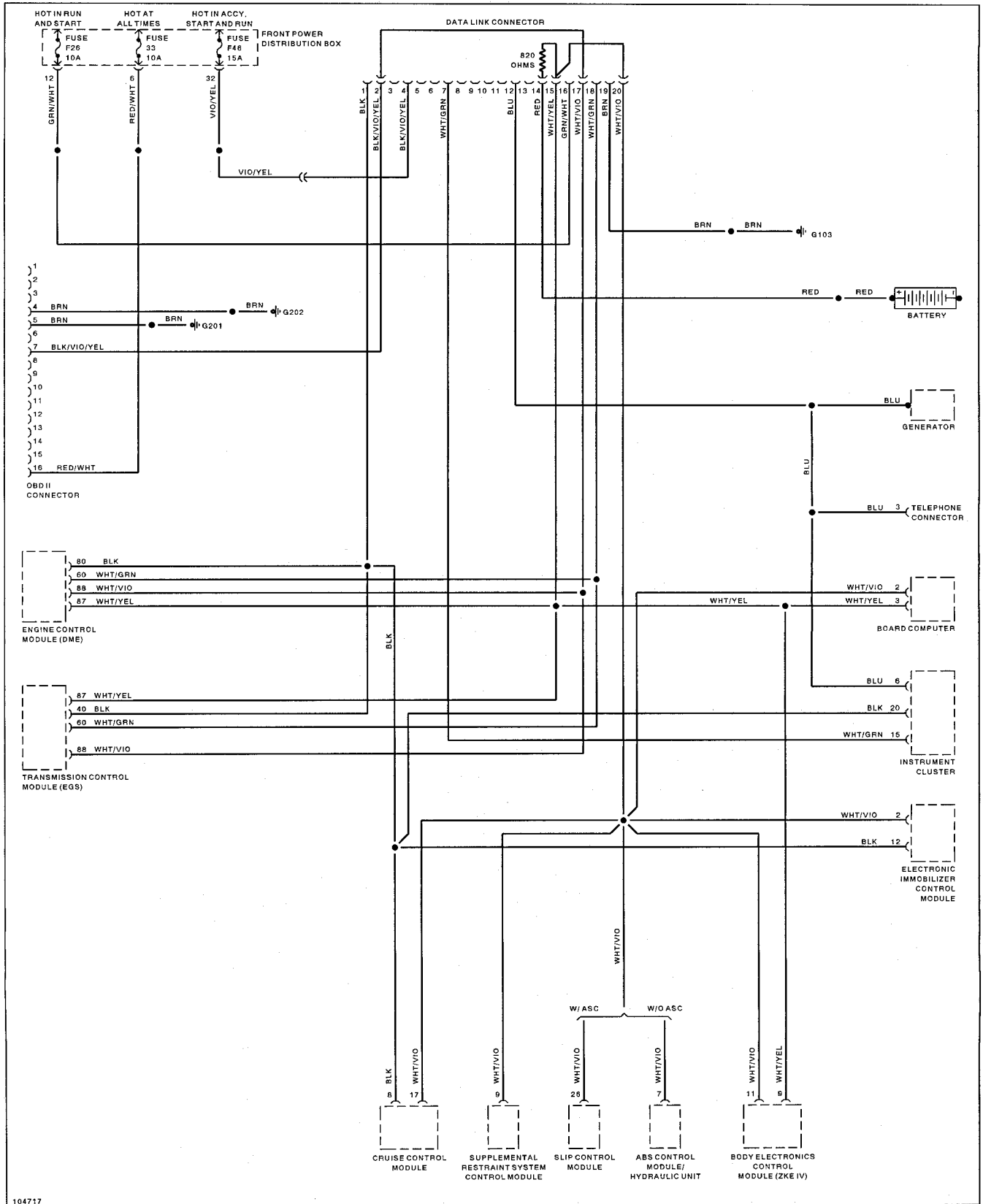
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1996-97 318ti

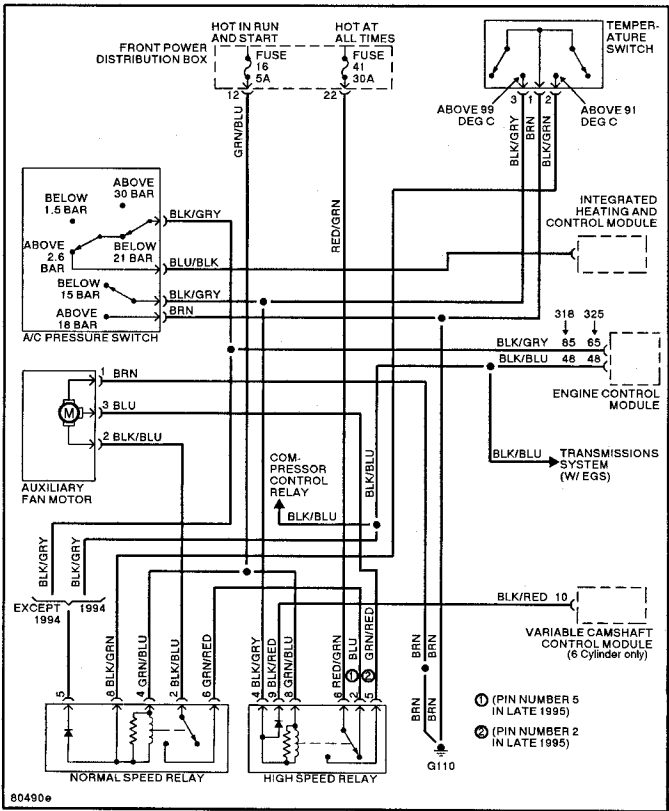
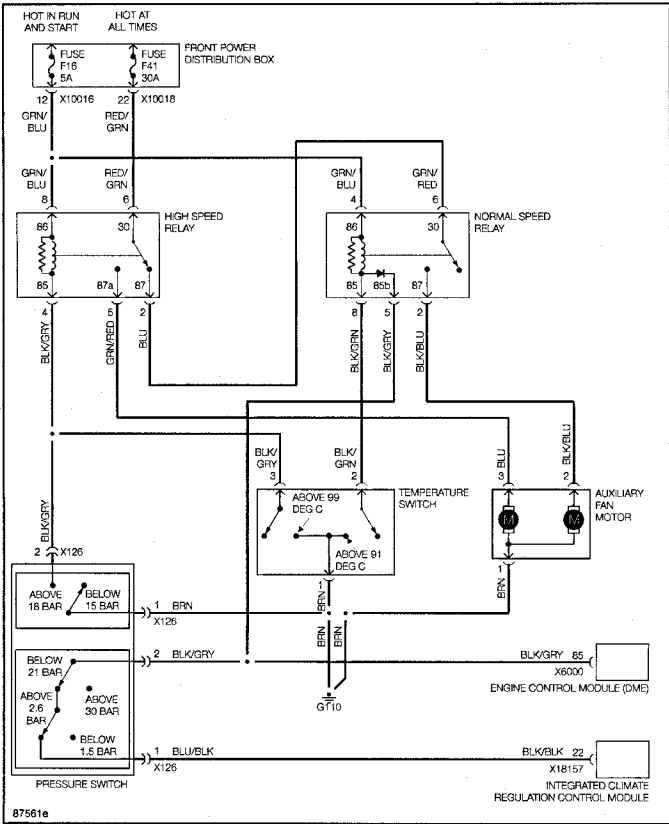


Data Link Connector

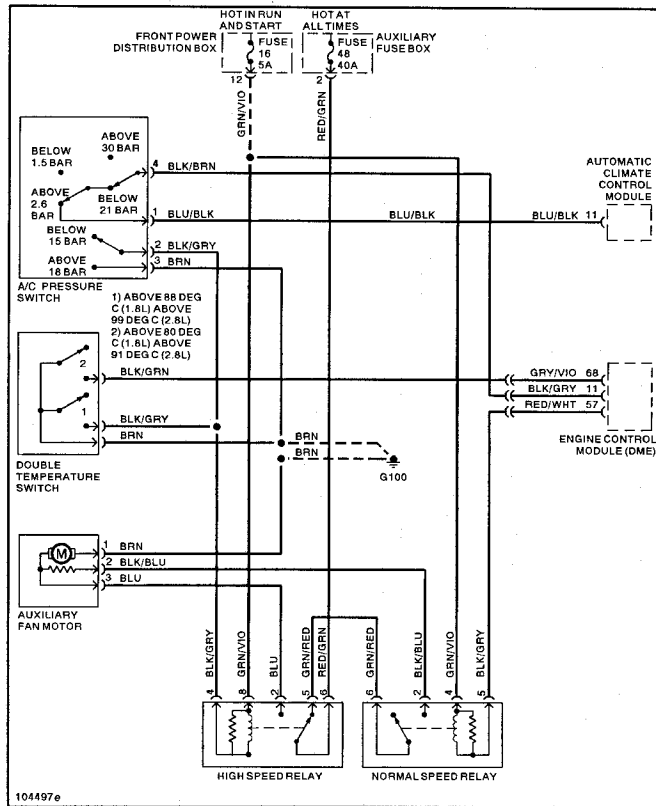
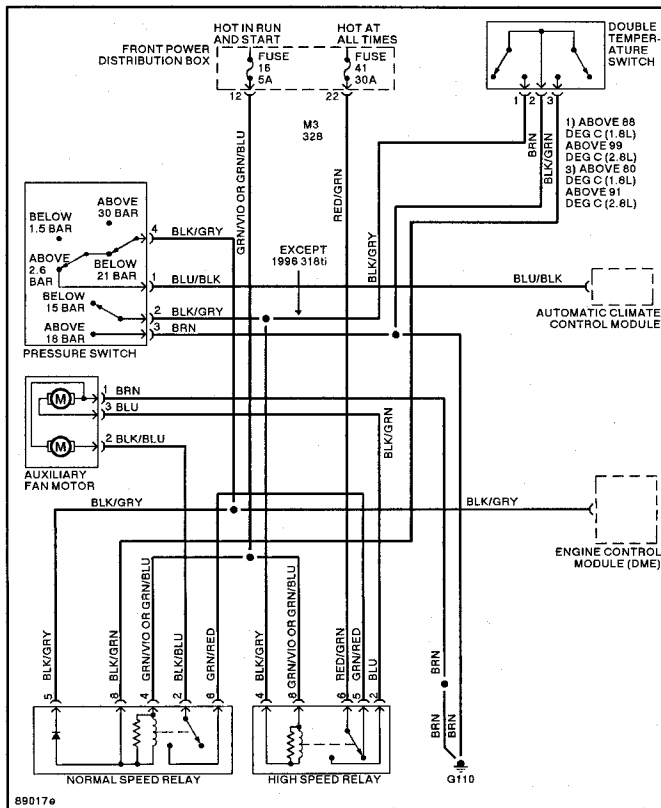
1998 318ti



Engine Cooling



Engine Cooling

1996-98
4-cylinder1996-98
6-cylinder