

WIRING DIAGRAMS

Fig. 1: Engine Compartment & Headlights (Grid 1-3)

1991 BMW 525i

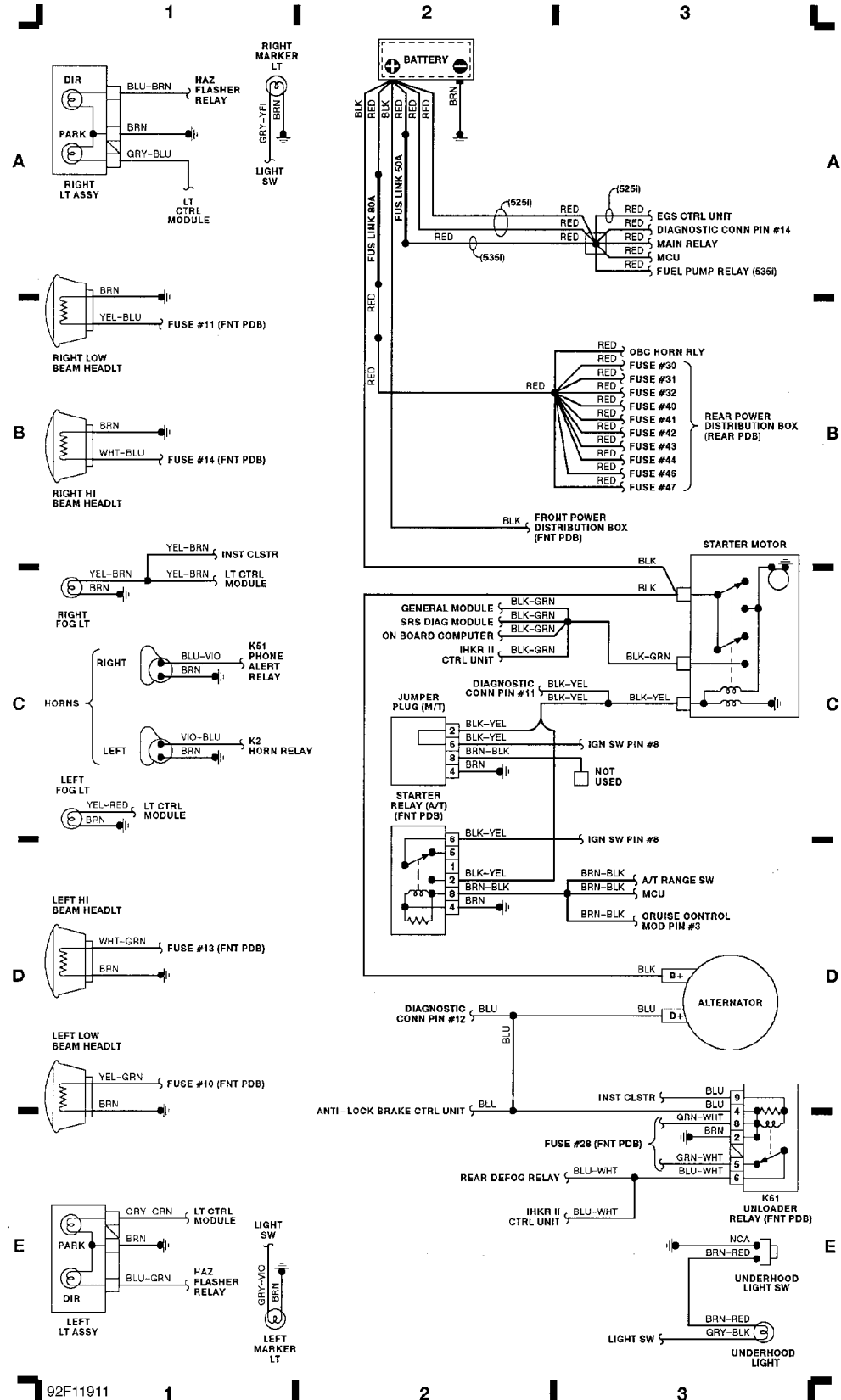
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COMPONENT LOCATOR:

A/C COMPRESSOR CLUTCH	E 29
A/C COMPRESSOR CTRL RELAY	E 29
A/T RANGE SW	C-D 43
AES HYDRAULIC UNIT	A-B 27
ALTERNATOR	D 3
ANTENNA AMPLIFIER	A 52
ANTI-LOCK BRAKE CTRL UNIT	A-B 24
ANTI-THEFT CTRL UNIT	D-E 35
AUTOMATIC A/R RECIRCULATION	
CTRL UNIT	A 32
AUXILIARY RELAY BOX	E 19
BACK-UP LT SW	D-E 62-63
BATTERY	A 2
BLOWER SW	E 30-31, A 33-34
BRAKE FLUID LEVEL SENS	B 43
CHECK MODULE	A-C 44
CHIME MODULE	B-C 18
CLUTCH SW	C 34
COMBINATION SW	C-D 36
CRASH CTRL UNIT	E 36
CRUISE CTRL MODULE	B-C 35
CRUISE CTRL SW	B-C 33
DEFOG GRID	A-B 52
DIAGNOSTIC CONN (525i)	E 5-6
DIAGNOSTIC CONN (535i)	A-B 8
DIMMER	B 39
DOOR/REAR READING LIGHT ASSY	C-D 17-18
DOOR LOCK HEATER	B-C 49
DOOR LOCK SW	C-D 48
DOOR SW	A-B 47
DUAL PRESS SW	D 28-29
ELECTRONIC TRANSMISSION	
(EGS) CTRL UNIT	C-E 24-27
FUS LT SW	B-C 36
FRONT POWER DISTRIBUTION	
BOX (FNT PDB)	B-E 13-17
FRONT POWER WINDOW SW	A-C 52
FUEL PUMP (525i)	A 7
FUEL PUMP (535i)	A 11
FUEL PUMP RELAY (525i)	A-B 7
FUEL PUMP RELAY (535i)	A-B 11
FUEL TANK SENS	E 53
GENERAL MODULE	A-E 51
GLOVE BOX SW	A 19
HAZARD FLASHER RELAY	D-E 36
HAZARD SW	B 36
HIGH SPEED RELAY	E 28
HORN SW	B 12
IGNITION COIL (525i)	A 9
IGNITION COILS (525i)	C-E 7
IGNITION SW	D-E 12
IN-LINE FUSES	D-E 60-61
INSTRUMENT CLUSTER	A-E 40-41
INTEGRATED CLIMATE REGULATION	
CTRL UNIT (HKR)	B 28-31
INTEGRATED CLIMATE REGULATION	
II CTRL SW (HKR II)	D-E 30-31
INTEGRATED CLIMATE REGULATION	
II SWITCHING UNIT (HKR II)	A 28-29
JUMPER PLUG	C 2
K2 HORN RELAY	C 12
K3 UNLOADER RELAY	C 18
K4 BLOWER RELAY	C 29
K51 PHONE ALERT RELAY	E 60-61
K61 UNLOADER RELAY	D-E 3
K5 UNLOADER RELAY	C 18
LEFT FRONT DOOR HANDLE SW	C 49-50
LEFT FRONT DOOR LOCK MOTOR	E 48-49
LEFT FRONT PAD SENS	B 43
LEFT FRONT SEAT BELT SW	A 47
LEFT FRONT SEAT CTRL SW	C-E 52
LEFT REAR WINDOW SW	A-B 55
LEFT SEAT HEATER SW	C-D 64-65
LIGHT CTRL MODULE	D-E 39
LIGHT SW	A 36
MAIN RELAY (525i)	B 7
MAIN RELAY (535i)	A 10
MEMORY SEAT/MIRROR CTRL UNIT	A-E 58-59
MIRROR CTRL SW	E 32
MOTORONIC CTRL UNIT	C-D 60
(525i) (MCU)	A-E 4
(535i) (MCU)	B-E 8
NORMAL SPEED RELAY	E 28
OSC 40TH RELAY	C-D 20
OIL LEVEL SENS	A-B 45-46
ON BOARD COMPUTER (OBC)	D-E 44
PARK BRAKE SW	E 43
PARK HEATING/VENTILATION	
RELAY BOX	A-B 35
POWER PROTECTION RELAY	C 23
POWER WINDOW MOTORS	B-C 55
PROGRAM SW	C 27
REAR DEFOG RELAY	C 20
REAR POWER DISTRIBUTION	
BOX (REAR PDB)	A-B 20-22
RELAY MODULE	A-C 48
RIGHT FRONT DOOR LOCK MOTOR	E 49
RIGHT OR LEFT POWER	
MIRROR MOTOR	C-D 32
RIGHT REAR PAD SENS	A 43
RIGHT REAR WINDOW SW	A 55
SERVOHONIC CTRL UNIT	B-C 32
SFS DIAGNOSTIC MODULE	C-D 47
STARTER MOTOR	B-C 3
STARTER RELAY	C-D 2
STOP LT SW	D 37
SUNROOF MOTOR	E 60
SUNROOF POSITION SW	A 60
SUNROOF SW	A-B 60
THROTTLE SW (535i)	E 8
TRANSMITTER	C 60
TRUNK LID SW	C 62
TRUNK LOCK MOTOR	E 60
UNDERHOOD LT	E 3
VANITY MIRROR	B 61
VEHICLE SPEED SENS	E 43
WASHER JET HEATERS	A 12
WASHER MOTOR	E 20
WASHER PUMP RELAY	D 60
WATER PUMP RELAY	C 28
WINDOW LIMIT SW	A-E 53
WIPER MOTOR	D 20
WIPER RELAY	D 23
WIPER/WASHER SW	D-E 23



1991 BMW 525i

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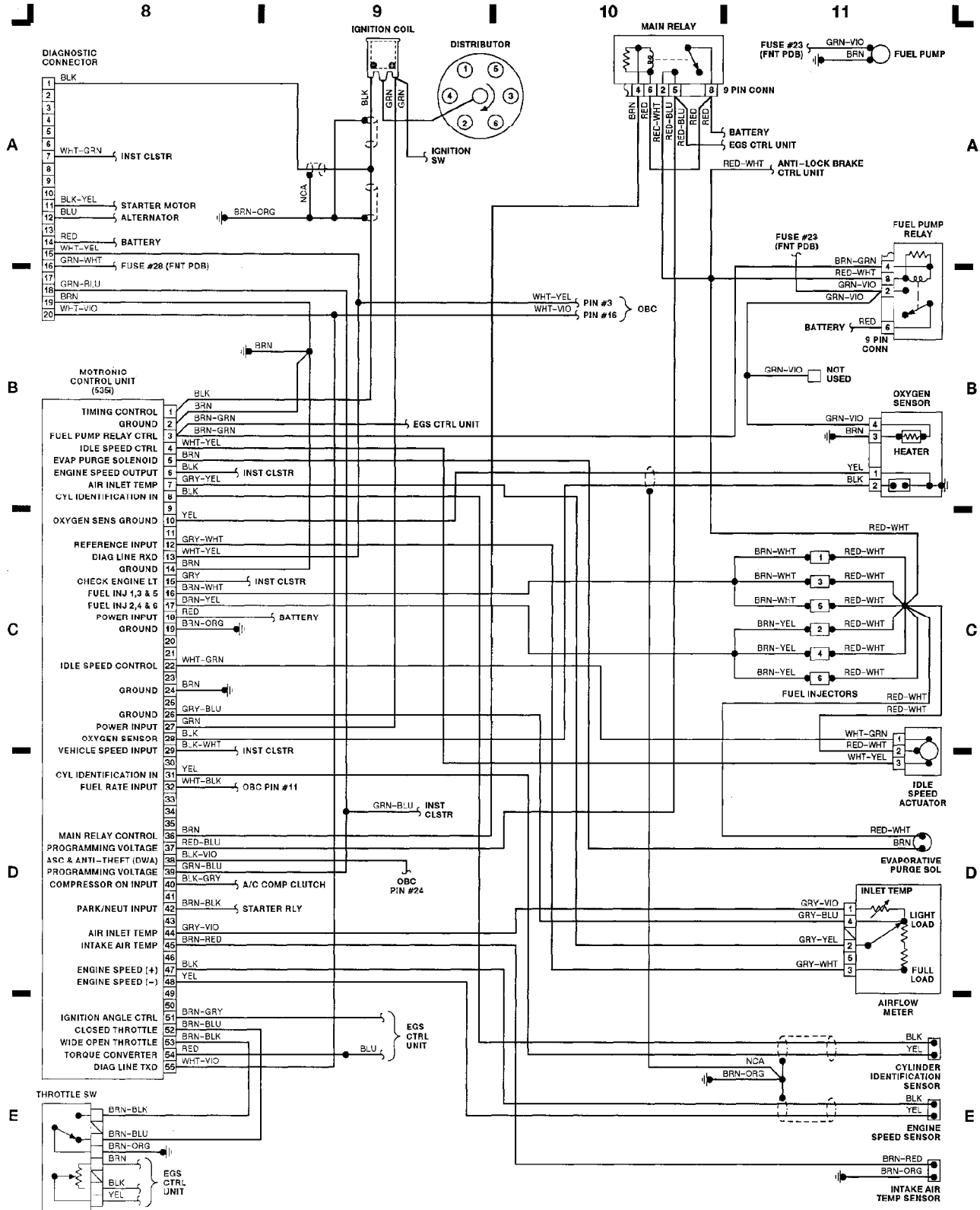
Fig. 3: Computer Engine Control (535i), Throttle SW (Grid 8-11)

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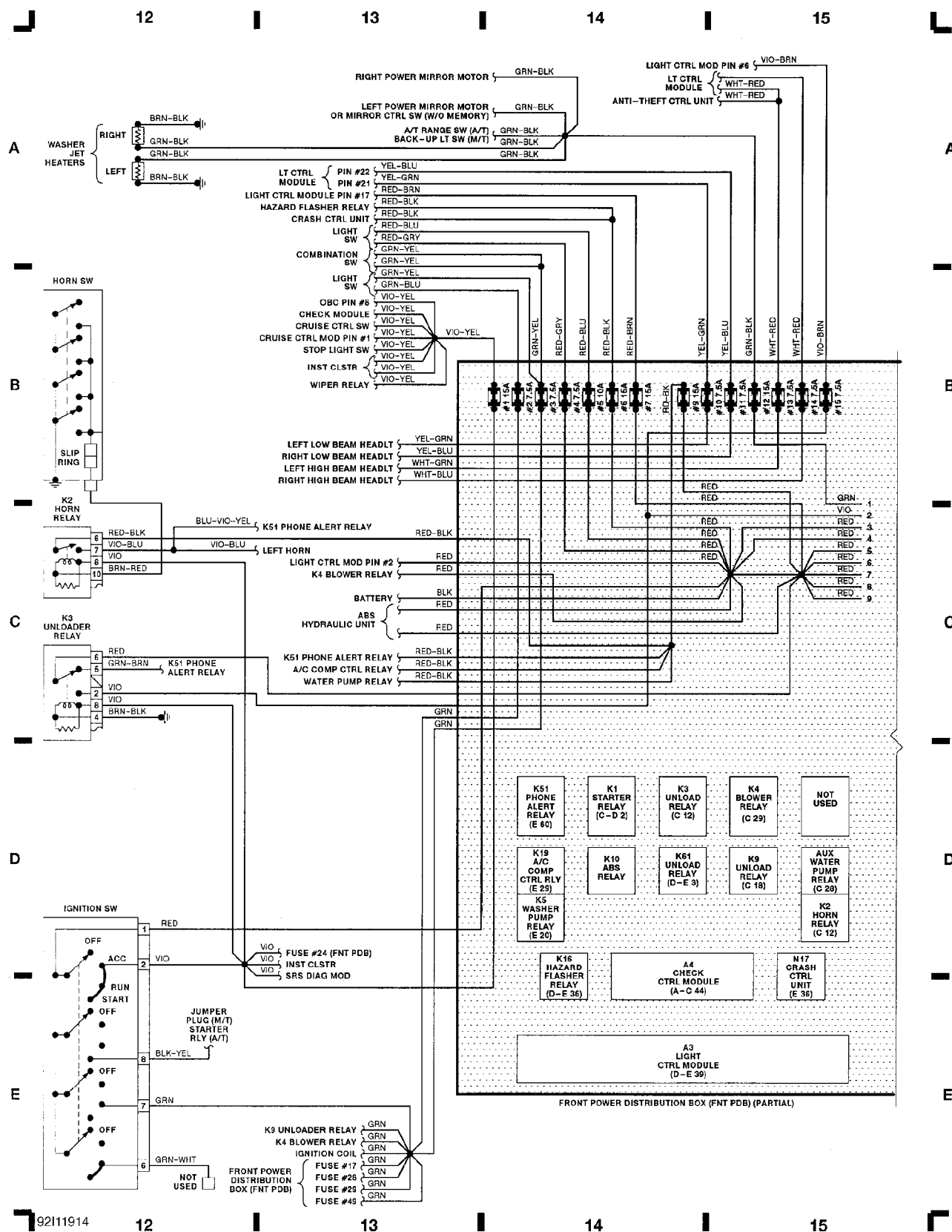
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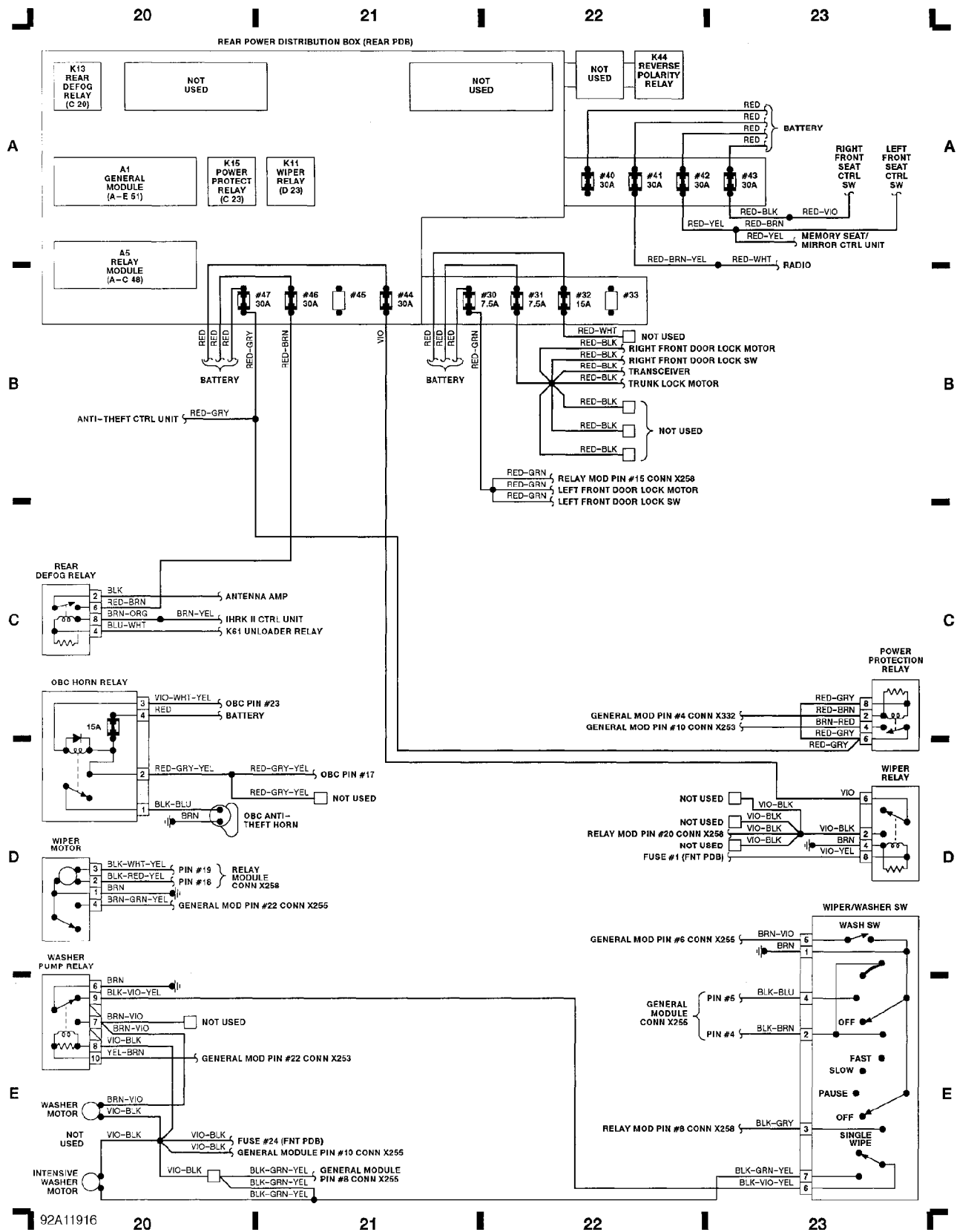
Fig. 6: Rear Pwr Dist Box, Wiper/Washer, R Defog Rly (Grid 20-23)

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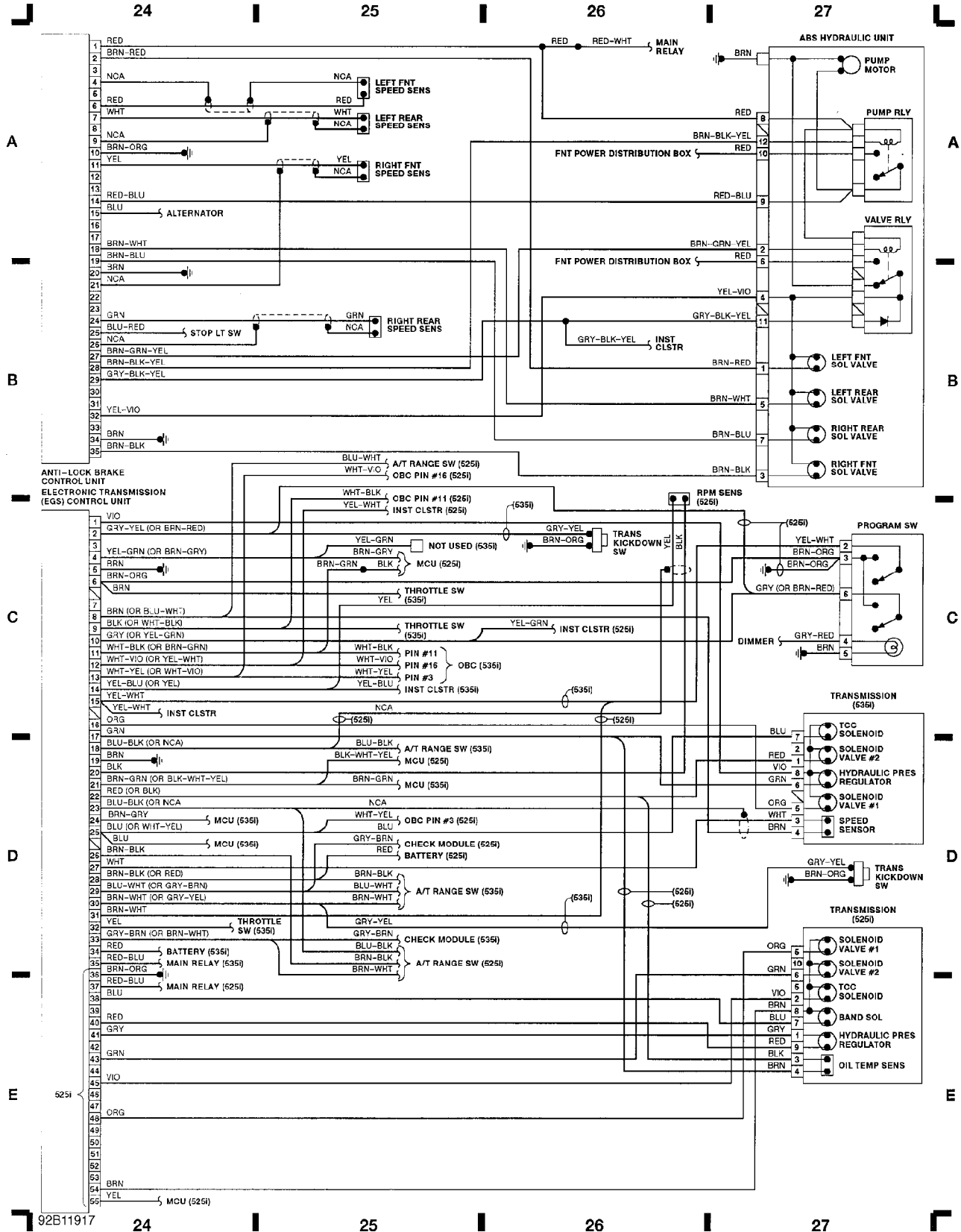
Fig. 7: ABS, EGS Ctrl Unit, Anti-Lock Brake (Grid 24-27)

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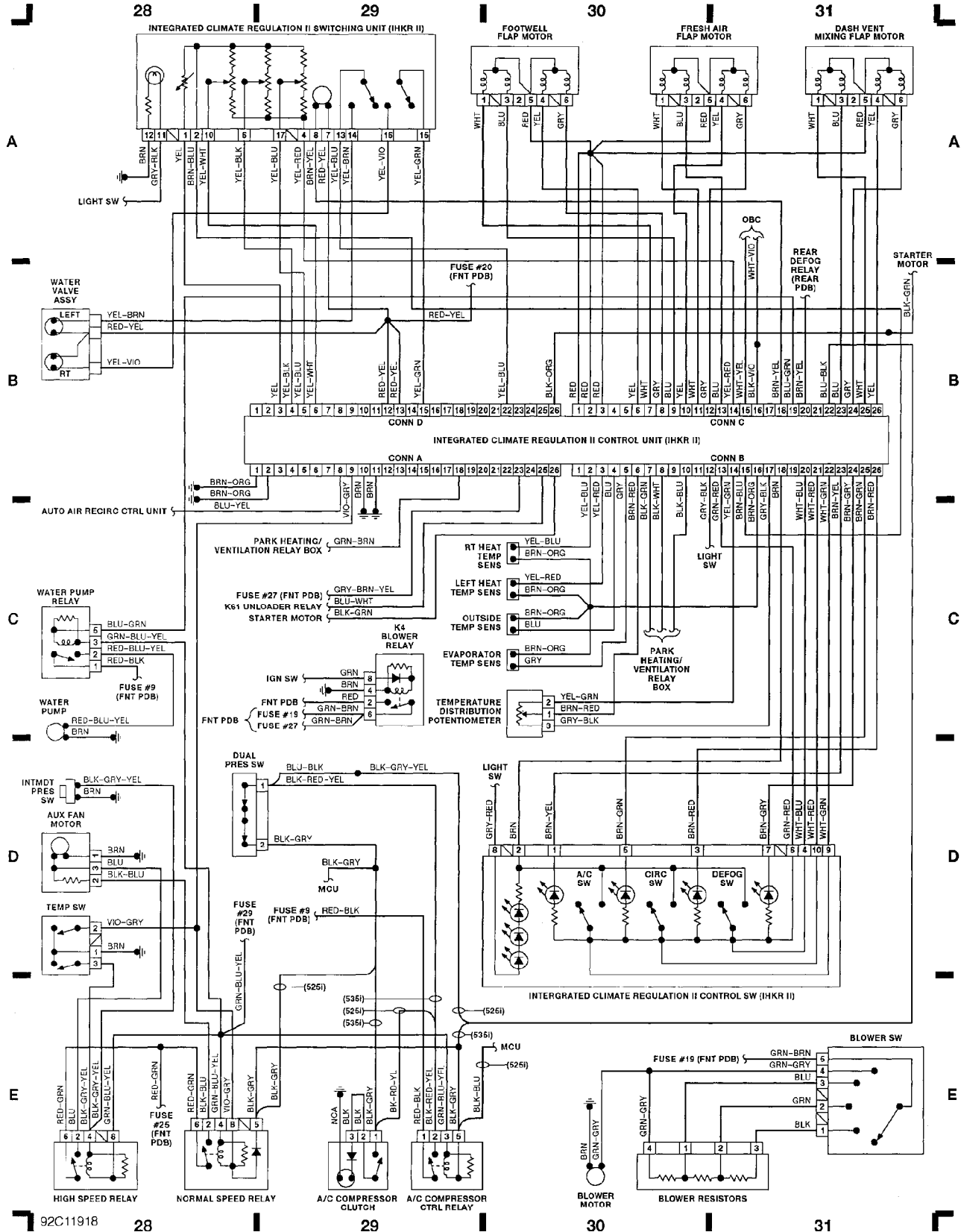
Fig. 8: Integrated Climate Regulation II Ctrl Switch (Grid 28-31)

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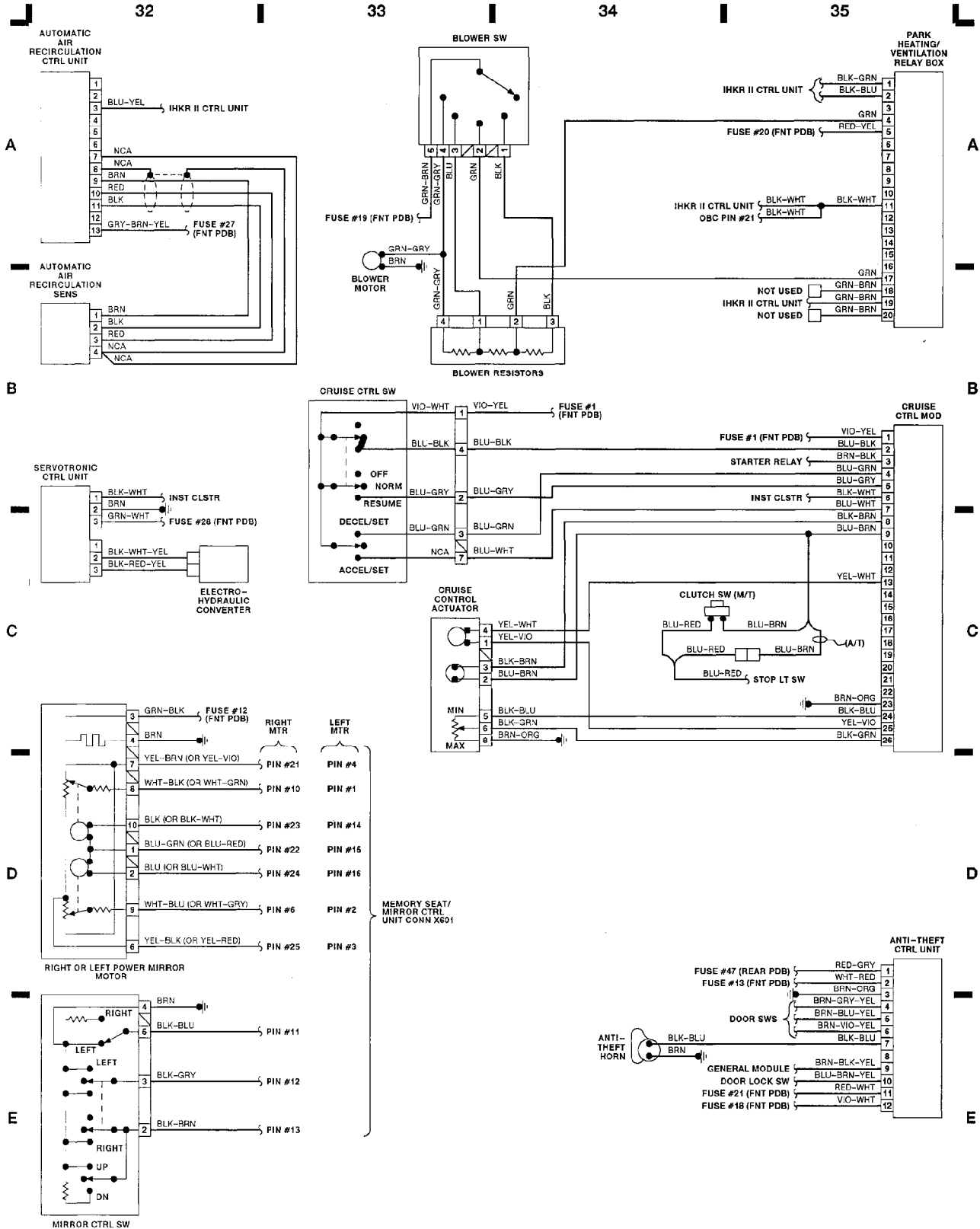
Fig. 9: Cruise Ctrl, Pwr Mir W/Memory, Anti-Theft (Grid 32-35)

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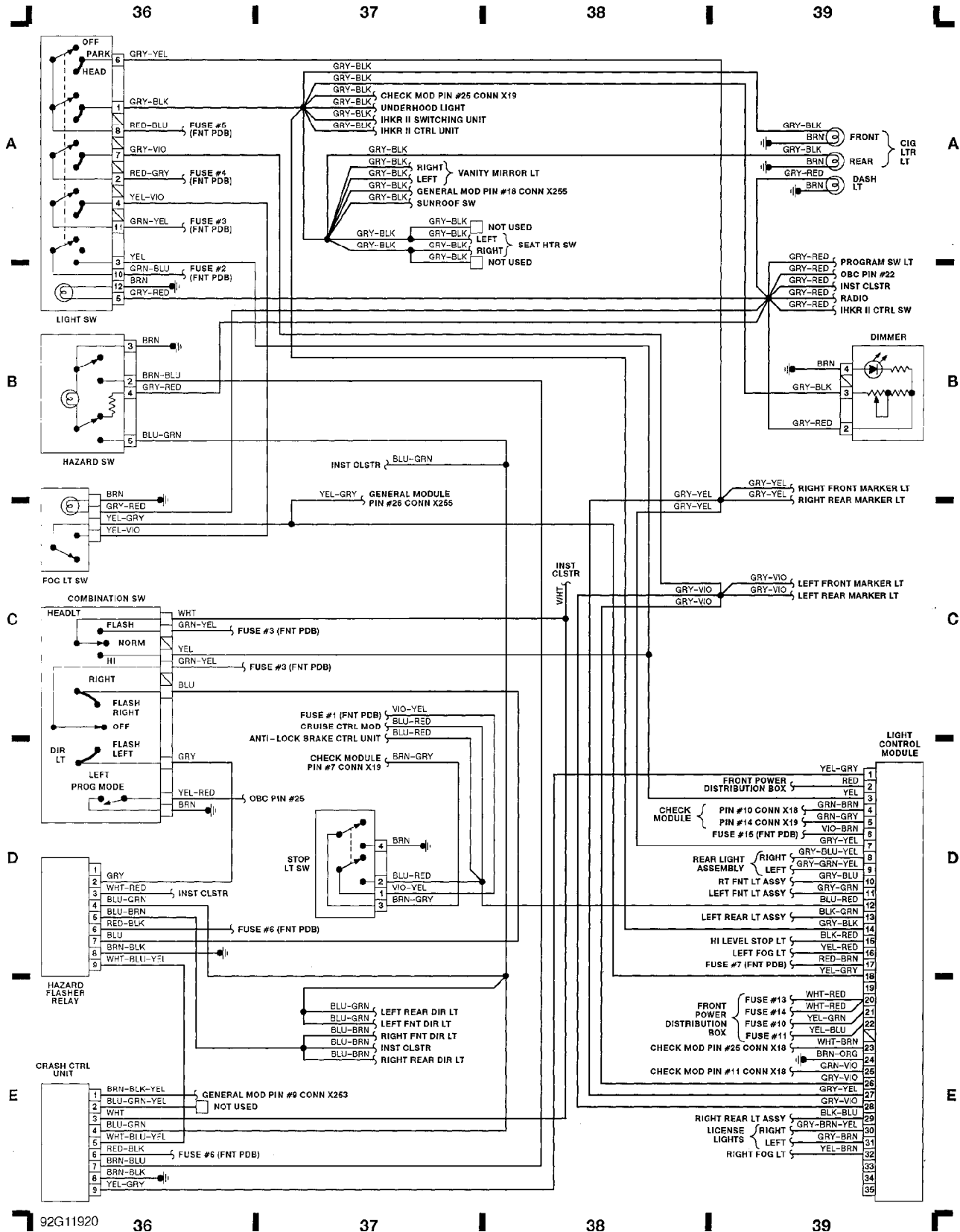
Fig. 10: Light Ctrl Mod, Light/Hazard Sws, Comb Sw (Grid 36-39)

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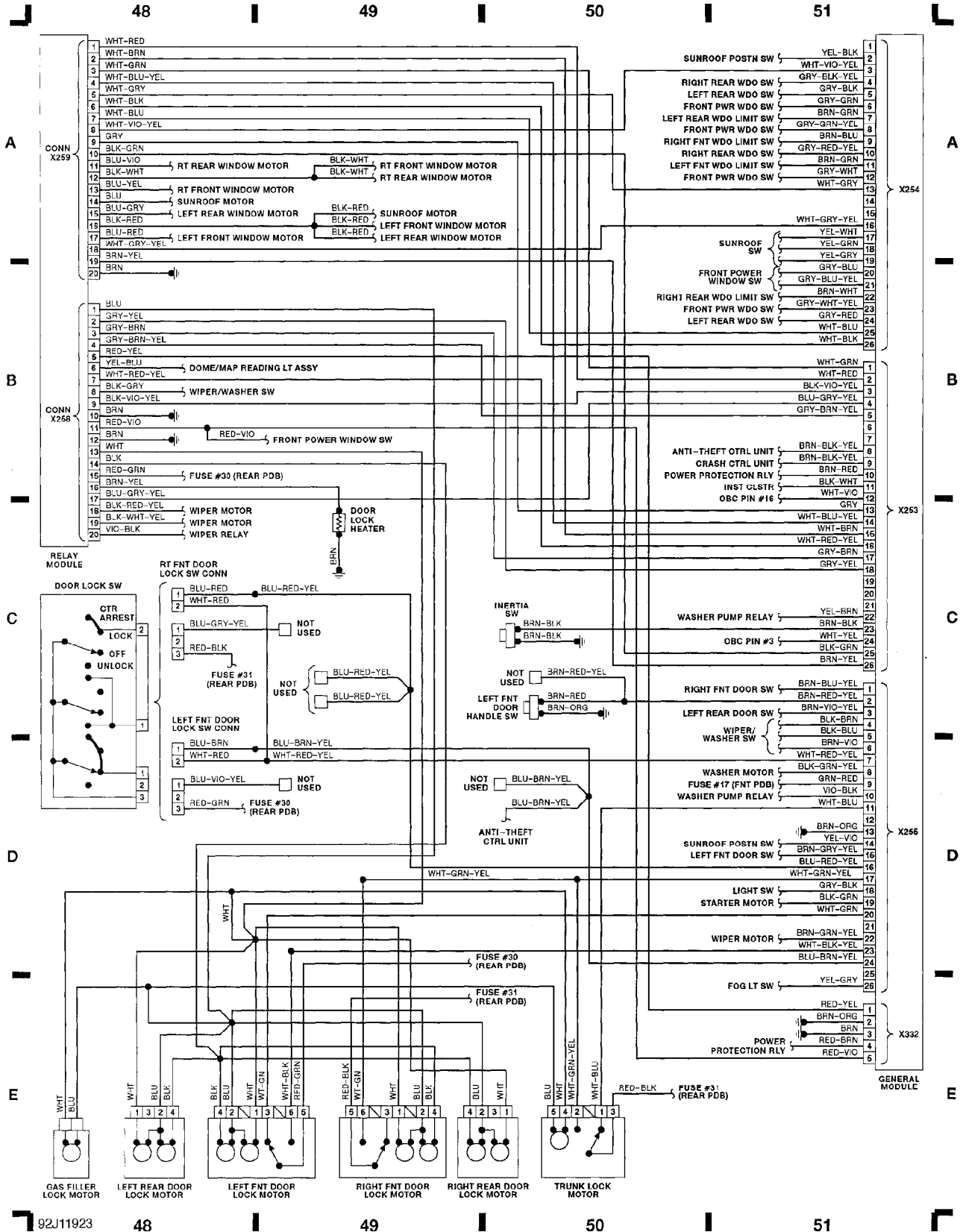
Fig. 13: General Mod, Relay Module, Door Lock Sw (Grid 48-51)

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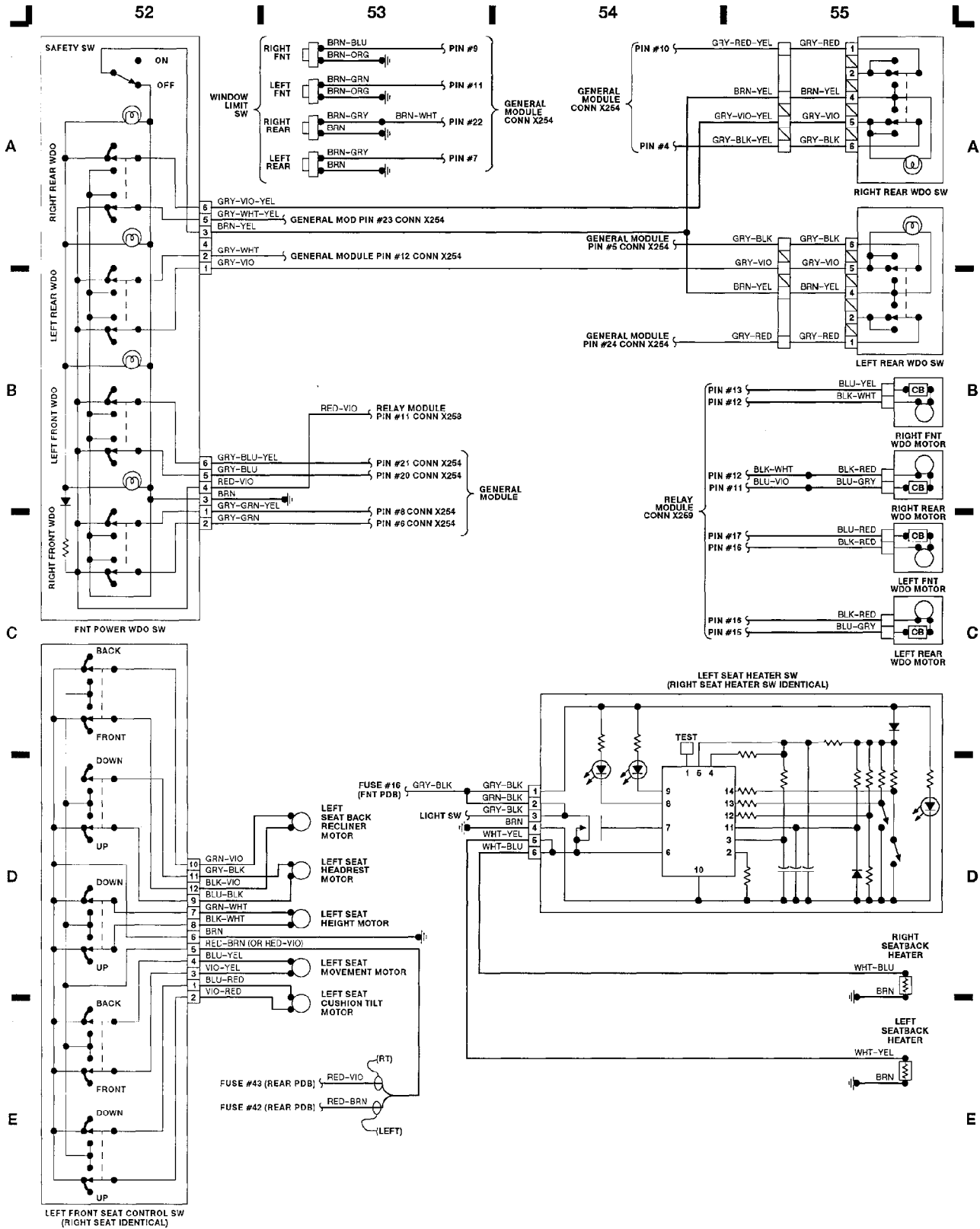
Fig. 14: Left/Right Fnt Seat Sw, L/R Fnt Seat Heat Sw (Grid 52-55)

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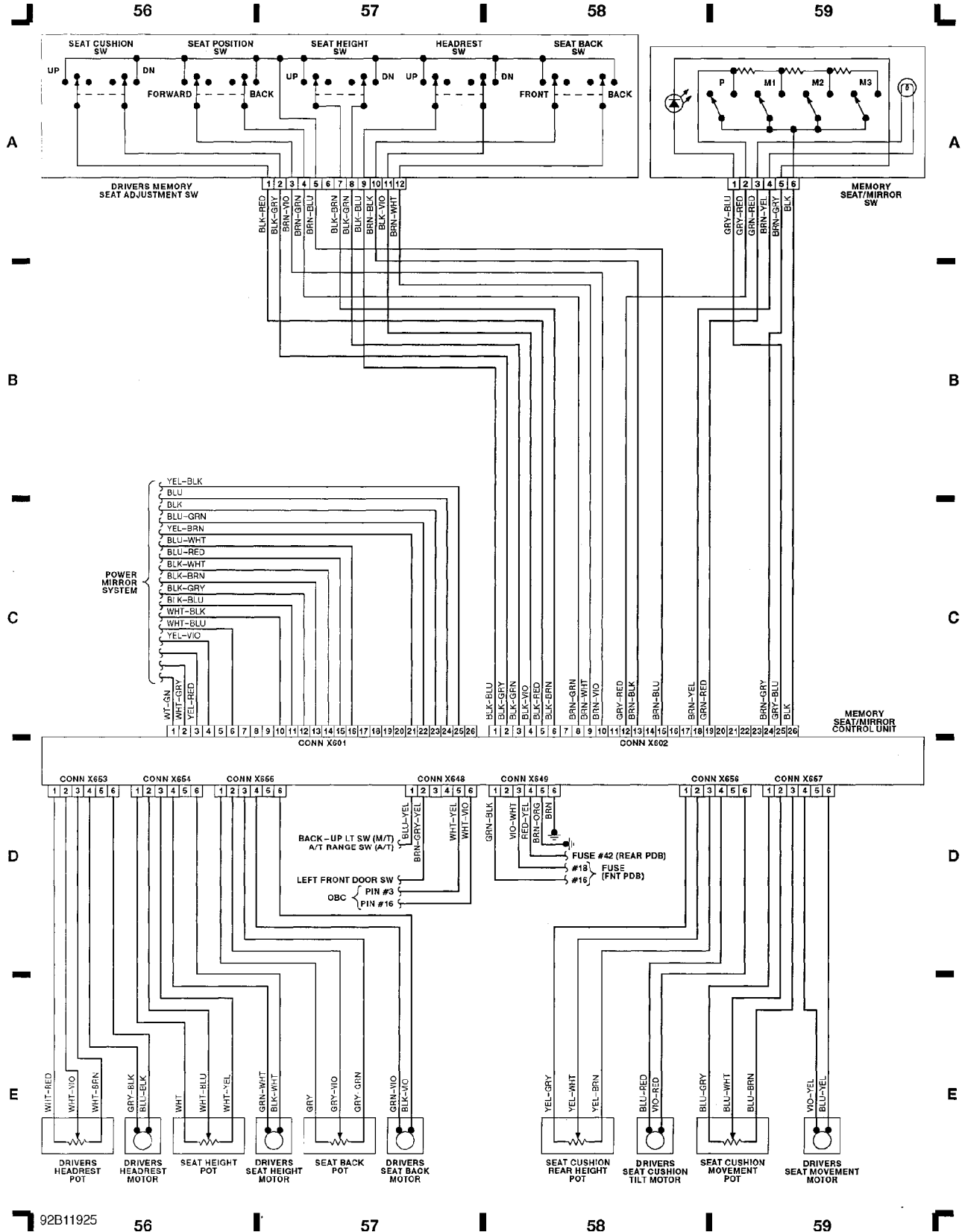
Fig. 15: Drivers Memory Seat, Memory Seat/Mirror (Grid 56-59)

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Fig. 16: Transceiver, Sunroof, Mir W/O Memory, Tailt (Grid 60-63)

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