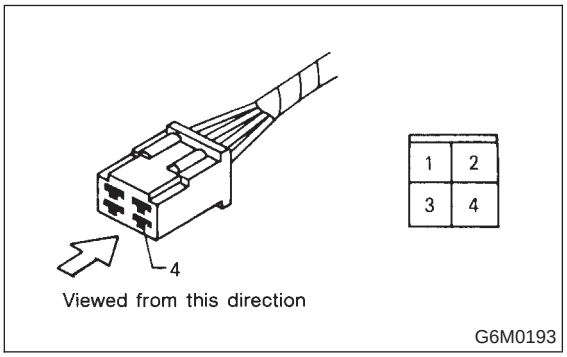
1. General Description

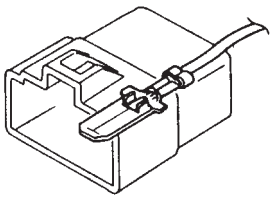
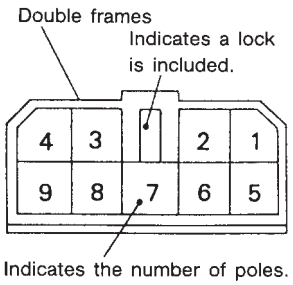
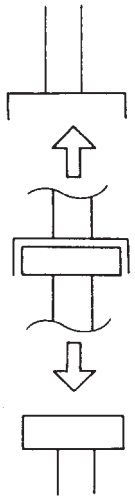
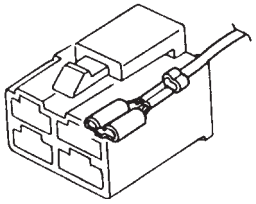
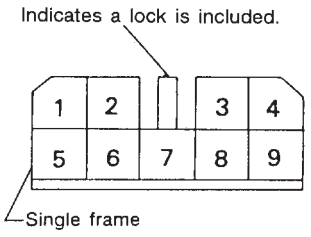
A: WIRING DIAGRAM

The wiring diagram of each system is illustrated so that you can understand the path through which the electric current flows from the battery.
Sketches and codes are used in the diagrams. They should read as follows:

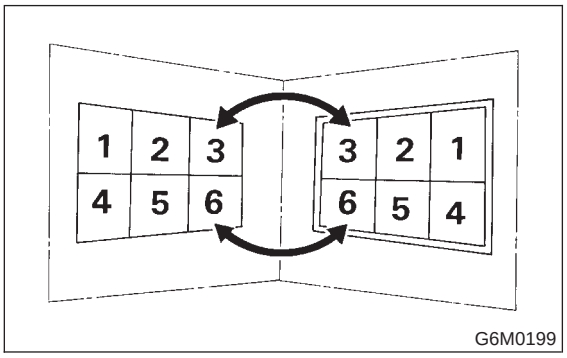
- Each connector and its terminal position are indicated by a sketch of the connector in a disconnected state which is viewed from the front.



- The number of poles or pins, presence of a lock, and pin number of each terminal are indicated in the sketch of each connector. In the sketch, the highest pole number refers to the number of poles which the connector has. For example, the sketch of the connector shown in figure indicates the connector has 9 poles.

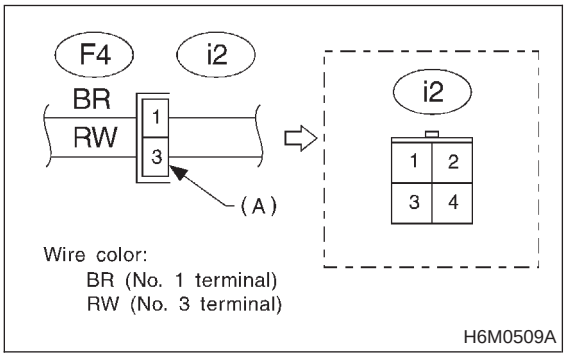
Connector used in vehicle	Connector shown in wiring diagram		
	Sketch	Symbol	Number of poles
 G6M0194	 G6M0196	 G6M0198	Numbered in order from upper right to lower left.
 G6M0195	 G6M0197		Numbered in order from upper left to lower right.

● When one set of connectors is viewed from the front side, the pole numbers of one connector are symmetrical to those of the other. When these two connectors are connected as a unit, the poles which have the same number are joined.

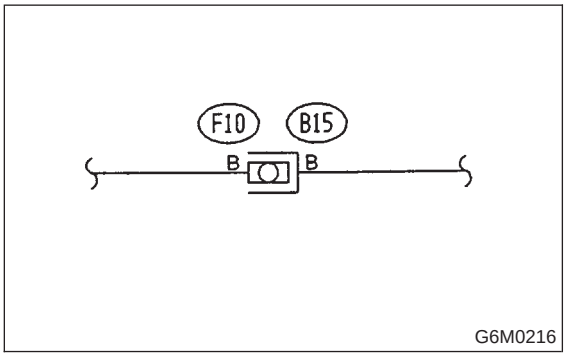


● Electrical wiring harness:
The connectors are numbered along with the number of poles, external colors, and mating connections in the accompanying list.
● The sketch of each connector in the wiring diagram usually shows the (A) side of the connector. The relationship between the wire color, terminal number and connector is described in figure.

NOTE:
A wire which runs in one direction from a connector terminal sometimes may have a different color from that which runs in the other direction from that terminal.

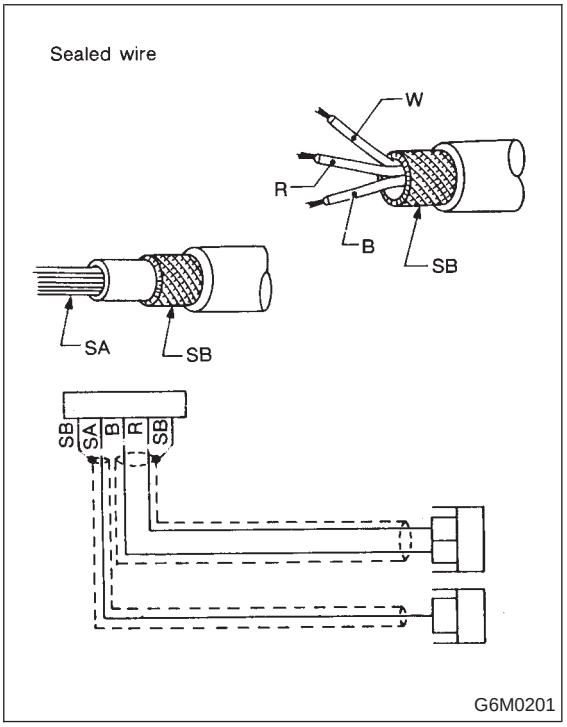


● In wiring diagram, connectors which have no terminal number refer to one-pole types. Sketches of these connectors are omitted intentionally.



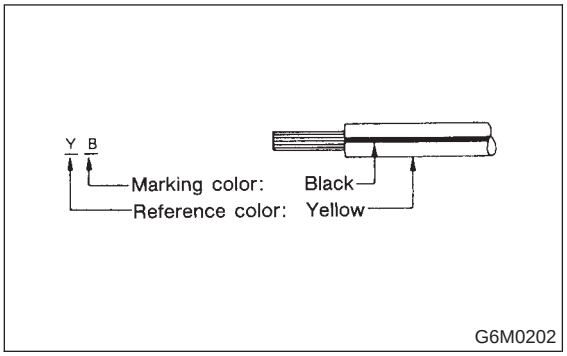
● The following color codes are used to indicate the colors of the wires used.

Color code	Color
L	Blue
B	Black
Y	Yellow
G	Green
R	Red
W	White
Br	Brown
Lg	Light green
Gr	Gray
P	Pink
Or	Orange
Lb	Light Blue
V	Violet
SA	Sealed (Inner)
SB	Sealed (Outer)



WIRING DIAGRAM

● The wire color code, which consists of two letters (or three letters including Br or Lg), indicates the standard color (base color of the wire covering) by its first letter and the stripe marking by its second letter.



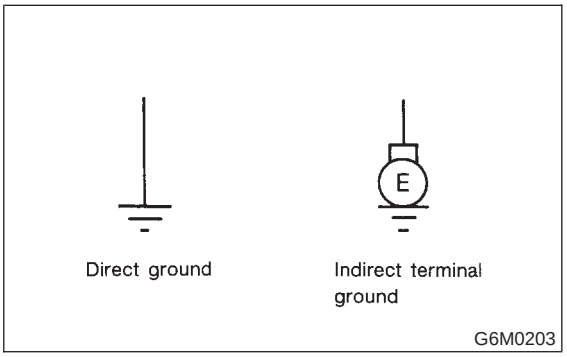
● The table lists the nominal sectional areas and allowable currents of the wires.

CAUTION:
When replacing or repairing a wire, be sure to use the same size and type of the wire which was originally used.

NOTE:
● The allowable current in the table indicates the tolerable amperage of each wire at an ambient temperature of 40°C (104°F).
● The allowable current changes with ambient temperature. Also, it changes if a bundle of more than two wires is used.

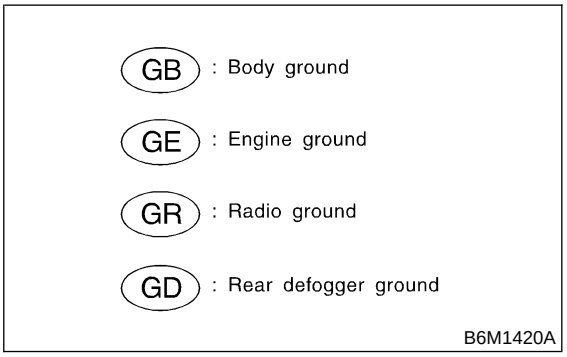
Nominal sectional area mm^2	No. of strands/ strand diameter	Outside diameter of finished wiring mm	Allowable current Amps/ 40°C (104°F)
0.3	7/0.26	1.8	7
0.5	7/0.32	2.2 (or 2.0)	12
0.75	30/0.18	2.6 (or 2.4)	16
0.85	11/0.32	2.4 (or 2.2)	16
1.25	16/0.32	2.7 (or 2.5)	21
2	26/0.32	3.1 (or 2.9)	28
3	41/0.32	3.8 (or 3.6)	38
5	65/0.32	4.6 (or 4.4)	51
8	50/0.45	5.5	67

● Each unit is directly grounded to the body or indirectly grounds through a harness ground terminal. Different symbols are used in the wiring diagram to identify the two grounding systems.

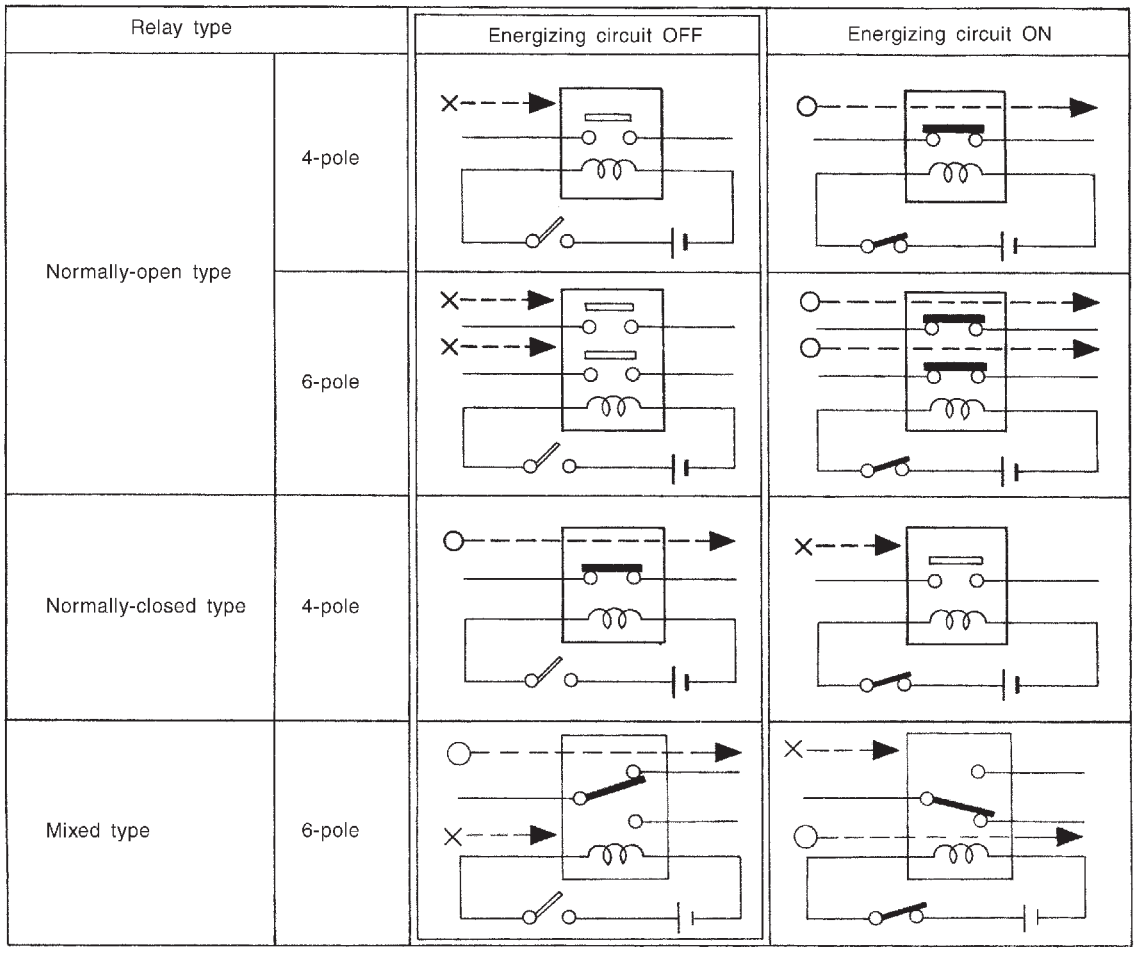


● The ground points shown in the wiring diagram refer to the following:

NOTE:
All wiring harnesses are provided with a ground point which should be securely connected.



● Relays are classified as normally-open or normally-closed. The normally-closed relay has one or more contacts.
The wiring diagram shows the relay mode when the energizing circuit is OFF.



Key to symbols:

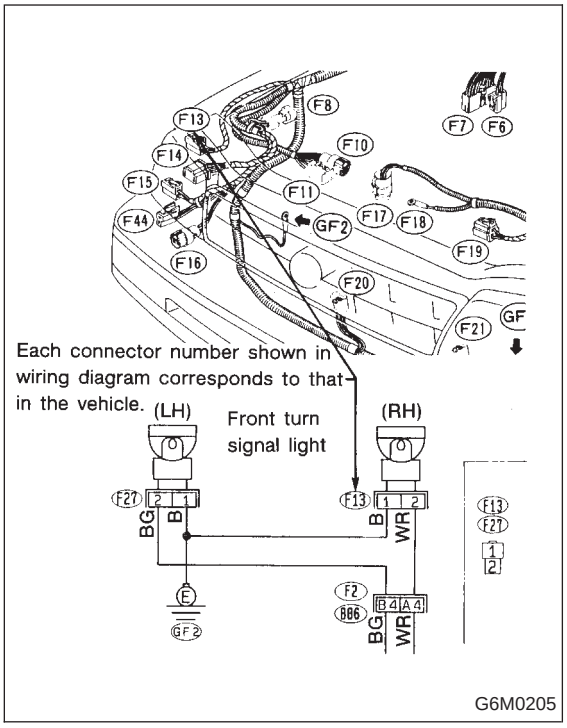
○ ⟶ : Current flows.

× ⟶ : Current does not flow.

B6M0748

● Each connector number shown in the wiring diagram corresponds to that in the wiring harness. The location of each connector in the actual vehicle is determined by reading the first character of the connector (for example, a “F” for F8, “i” for i16, etc.) and the type of wiring harness.
The first character of each connector number refers to the area or system of the vehicle.

Symbol	Wiring harness and cord
F	Front wiring harness
B	Bulkhead wiring harness
E	Engine wiring harness
T	Transmission cord, Rear oxygen sensor cord
D	Door cord LH & RH, Rear door cord LH & RH, Rear gate cord
i	Instrument panel wiring harness
R	Rear wiring harness, Fuel tank cord, Roof cord, ORVR cord



G6M0205

2. Basic Diagnostics Procedure

A: BASIC PROCEDURES

1. GENERAL

The most important purpose of diagnostics is to determine which part is malfunctioning quickly, to save time and labor.

2. IDENTIFICATION OF TROUBLE SYMPTOM

Determine what the problem is based on the symptom.

3. PROBABLE CAUSE OF TROUBLE

Look at the wiring diagram and check the system’s circuit. Then check the switch, relay, fuse, ground, etc.

4. LOCATION AND REPAIR OF TROUBLE

1) Using the diagnostics narrow down the causes.
2) If necessary, use a voltmeter, ohmmeter, etc.
3) Before replacing certain component parts (switch, relay, etc.), check the power supply, ground, for open wiring harness, poor connectors, etc. If no problems are encountered, check the component parts.

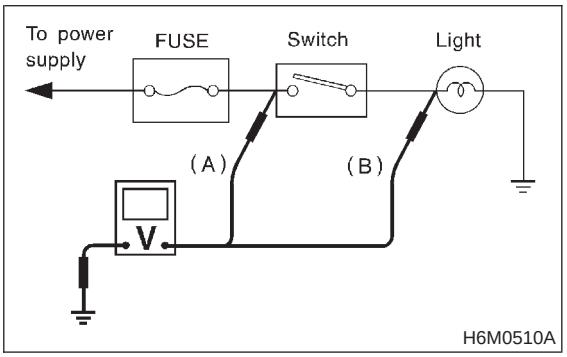
5. CONFIRMATION OF SYSTEM OPERATION

After repairing, ensure that the system operates properly.

B: INSPECTION

1. VOLTAGE MEASUREMENT

1) Using a voltmeter, connect the negative lead to a good ground point or negative battery terminal and the positive lead to the connector or component terminal.
2) Contact the positive probe of the voltmeter on connector (A).
The voltmeter will indicate a voltage.
3) Shift the positive probe to connector (B). The voltmeter will indicate no voltage.

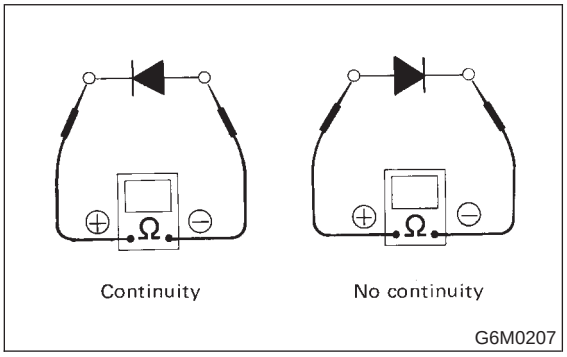


H6M0510A

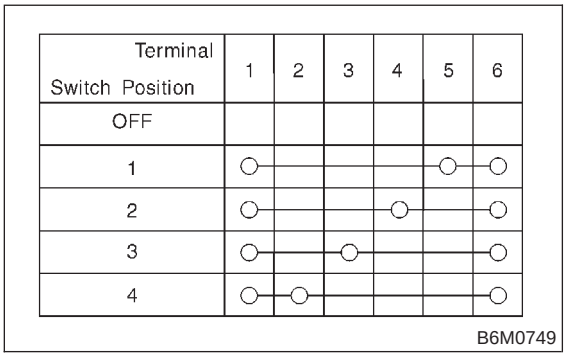
4) With test set-up held as it is, turn switch ON. The voltmeter will indicate a voltage and, at the same time, the light will come on.
5) The circuit is in good order. If a problem such as a lamp failing to light occurs, use the procedures outlined above to track down the malfunction.

2. CIRCUIT CONTINUITY CHECKS

1) Disconnect the battery terminal or connector so there is no voltage between the check points.
Contact the two leads of an ohmmeter to each of the check points.
If the circuit has diodes, reverse the two leads and check again.
2) Use an ohmmeter to check for diode continuity.
When contacting the negative lead to the diode positive side and the positive lead to the negative side, there should be continuity.
When contacting the two leads in reverse, there should be no continuity.



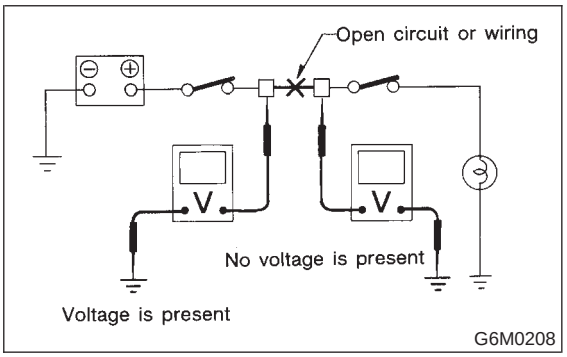
3) Symbol "○—○" indicates that continuity exists between two points or terminals. For example, when a switch position is "3", continuity exists among terminals 1, 3 and 6, as shown in table below.



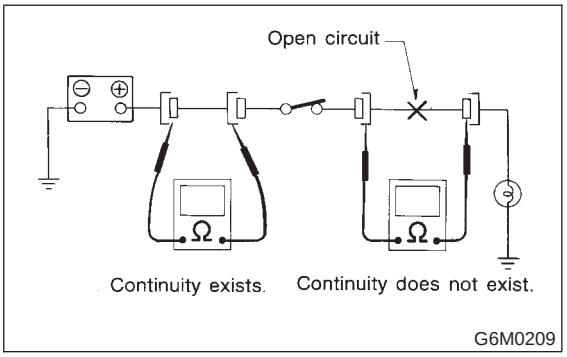
Terminal / Switch Position	1	2	3	4	5	6
OFF						
1	○				○	○
2	○			○		○
3	○		○			○
4	○	○				○

3. HOW TO DETERMINE AN OPEN CIRCUIT

1) Voltmeter Method:
An open circuit is determined by measuring the voltage between respective connectors and ground using a voltmeter, starting with the connector closest to the power supply. The power supply must be turned ON so that current flows in the circuit. If voltage is not present between a particular connector and ground, the circuit between that connector and the previous connector is open.

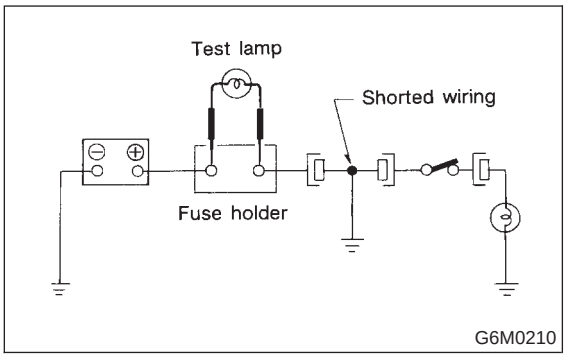


2) Ohmmeter method:
Disconnect all connectors affected, and check continuity in the wiring between adjacent connectors. When the ohmmeter indicates "infinite", the wiring is open.

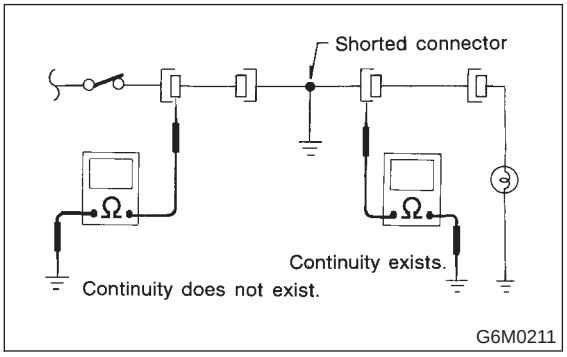


4. HOW TO DETERMINE A SHORT CIRCUIT

1) Test lamp method:
Connect a test lamp (rated at approximately 3 watts) in place of the blown fuse and allow current to flow through the circuit. Disconnect one connector at a time from the circuit, starting with the one located farthest from the power supply. If the test lamp goes out when a connector is disconnected, the wiring between that connection and the next connector (farther from the power supply) is shorted.



2) Ohmmeter method:
Disconnect all affected connectors, and check continuity between each connector and ground. When ohmmeter indicates continuity between a particular connector and ground, that connector is shorted.



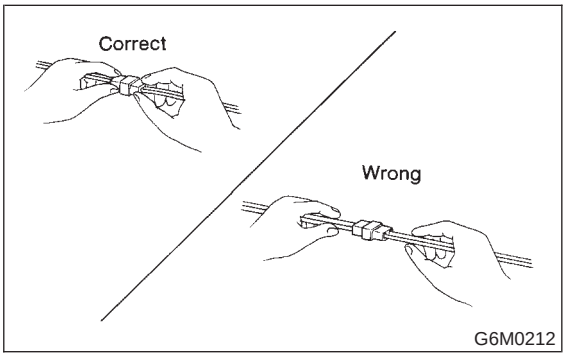
3. Working Precautions

A: PRECAUTIONS WHEN WORKING WITH THE PARTS MOUNTED ON THE VEHICLE

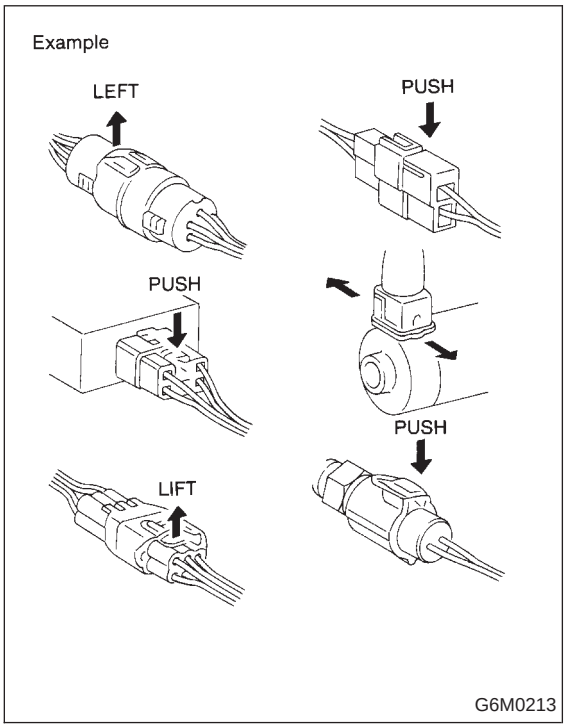
1) When working under a vehicle which is jacked-up, always be sure to use safety stands.
2) The parking brake must always be applied during working. Also, in automatic transmission vehicles, keep the select lever set to the P (Parking) range.
3) Be sure the workshop is properly ventilated when running the engine. Further, be careful not to touch the belt or fan while the engine is operating.
4) Be careful not to touch hot metal parts, especially the radiator and exhaust system immediately after the engine has been shut off.

B: PRECAUTIONS IN TROUBLE DIAGNOSIS AND REPAIR OF ELECTRIC PARTS

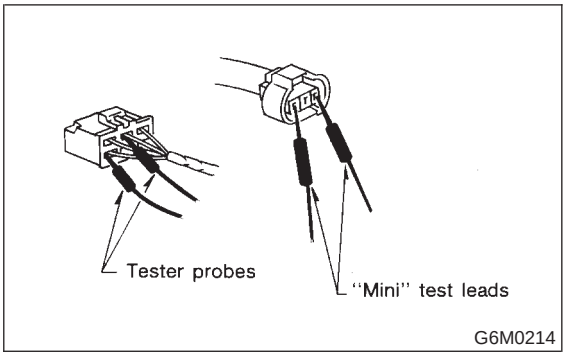
1) The battery cable must be disconnected from the battery's (−) terminal, and the ignition switch must be set to the OFF position, unless otherwise required by the diagnostics.
2) Securely fasten the wiring harness with clamps and slips so that the harness does not interfere with the body end parts or edges and bolts or screws.
3) When installing parts, be careful not to catch them on the wiring harness.
4) When disconnecting a connector, do not pull the wires, but pull while holding the connector body.



5) Some connectors are provided with a lock. One type of such a connector is disconnected by pushing the lock, and the other, by moving the lock up. In either type the lock shape must be identified before attempting to disconnect the connector.
To connect, insert the connector until it snaps and confirm that it is tightly connected.

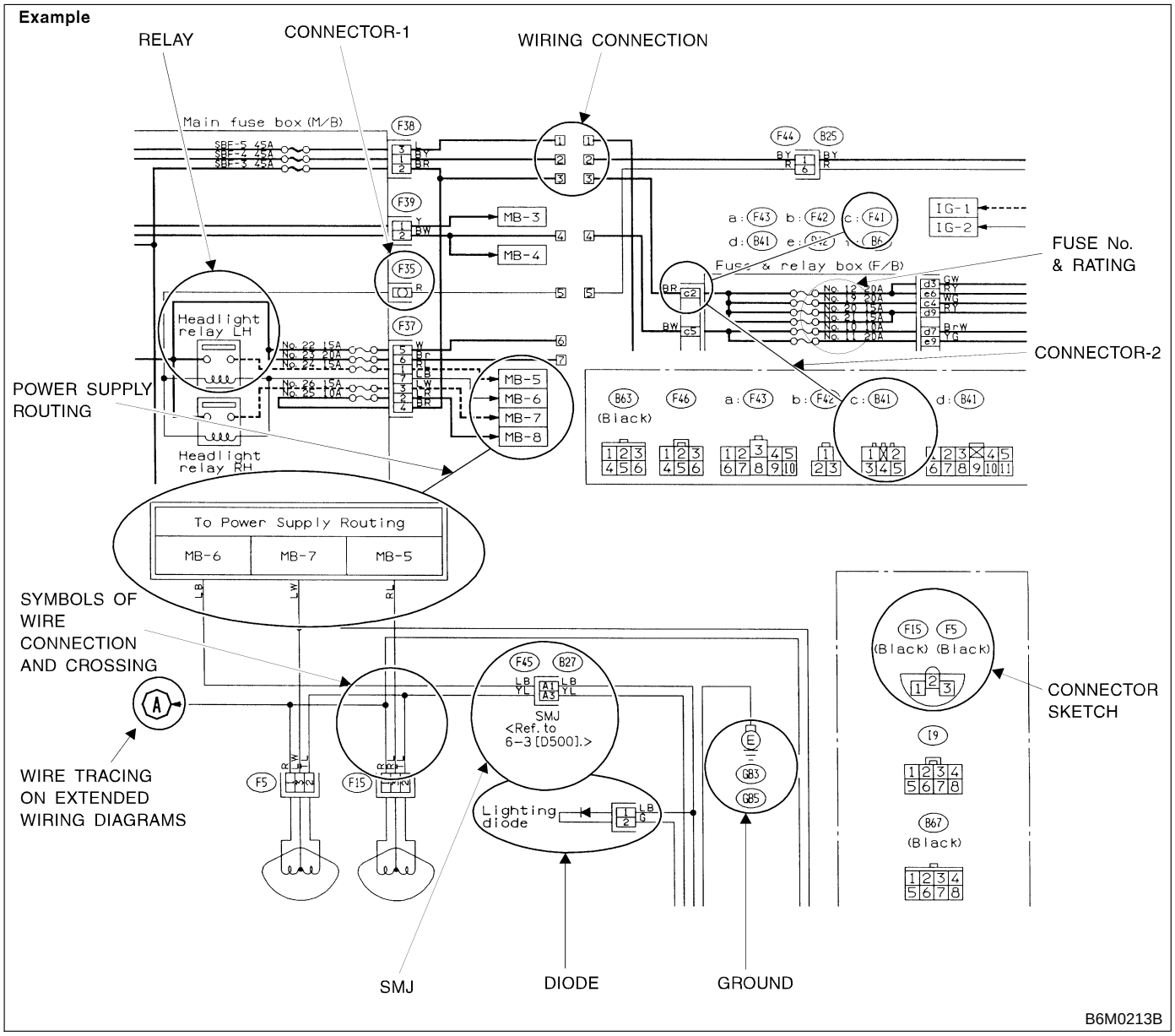


6) When checking continuity between connector terminals, or measuring voltage across the terminal and ground, always contact tester probe(s) on terminals from the wiring connection side. If the probe is too thick to gain access to the terminal, use “mini” test leads.
To check water-proof connectors (which are not accessible from the wiring side), contact test probes on the terminal side being careful not to bend or damage the terminals.



7) Sensors, relays, electrical unit, etc., are sensitive to strong impacts.
Handle them with care so that they are not dropped or mishandled.

4. How to Use Wiring Diagram



A: RELAY

A symbol used to indicate a relay.

B: CONNECTOR-1

The sketch of the connector indicates the one-pole types.

C: WIRING CONNECTION

Some wiring diagrams are indicated in foldouts for convenience. Wiring destinations are indicated where necessary by corresponding symbols (as when two pages are needed for clear indication).

D: FUSE No. & RATING

The “FUSE No. & RATING” corresponds with that used in the fuse box (main fuse box, fuse and joint box).

E: CONNECTOR-2

- Each connector is indicated by a symbol.
- Each terminal number is indicated in the corresponding wiring diagram in an abbreviated form.
- For example, terminal number “C2” refers to No. 2 terminal of connector (C: F41) shown in the connector sketch.

F: CONNECTOR SKETCH

● Each connector sketch clearly identifies the shape and color of a connector as well as terminal locations. Non-colored connectors are indicated in natural color.
● When more than two types of connector number are indicated in a connector sketch, it means that the same type connectors are used.

G: GROUND

Each grounding point can be located easily by referring to the corresponding wiring harness.

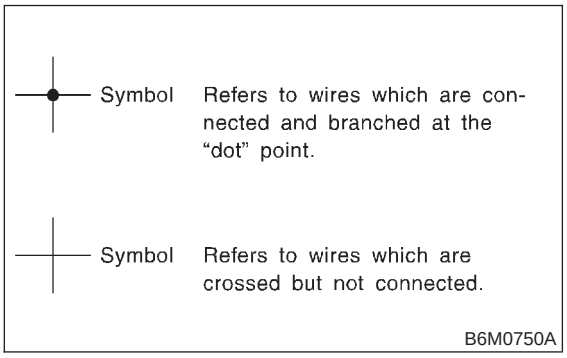
H: DIODE

A symbol is used to indicate a diode.

I: WIRE TRACING ON EXTENDED WIRING DIAGRAMS

For a wiring diagram extending over at least two pages, a symbol (consisting of the same characters with arrows), facilitates wire tracing from one page to the next.
A ←→ A, B ←→ B

J: SYMBOLS OF WIRE CONNECTION AND CROSSING



K: POWER SUPPLY ROUTING

A symbol is used to indicate the power supply in each wiring diagram.
"MB-5", "MB-6", etc., which are used as power-supply symbols throughout the text, correspond with those shown in the POWER SUPPLY ROUTING in the wiring diagram.
Accordingly, using the POWER SUPPLY ROUTING and wiring diagrams permits service personnel to understand the entire electrical arrangement of a system.

L: SYMBOLS AND ABBREVIATIONS

A number of symbols and abbreviations are used in each wiring diagram to easily identify parts or circuits.

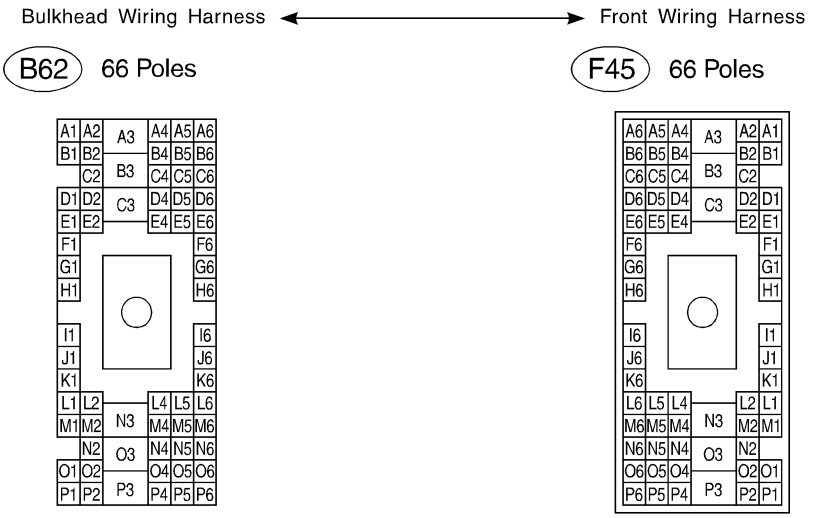
M: ABBREVIATION LIST

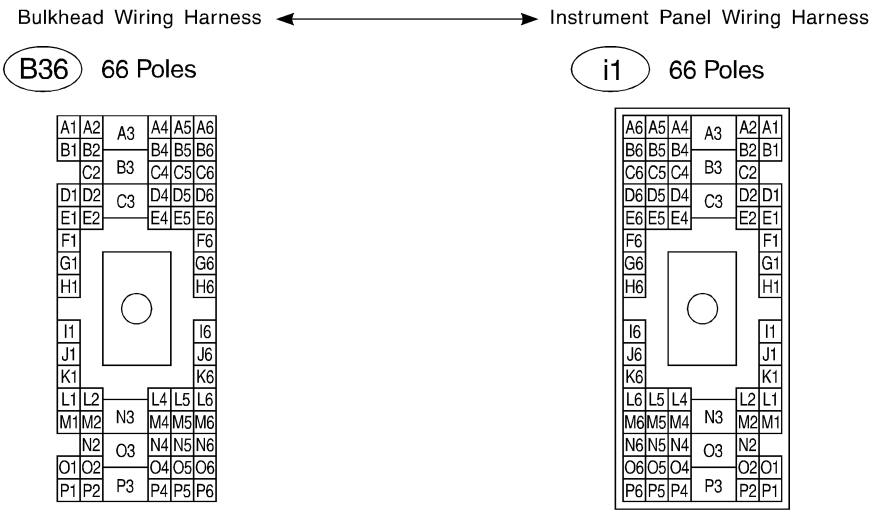
Abbr.	Full name
ABS	Antilock Brake System
ACC	Accessory
A/C	Air Conditioning
AD	Auto Down
A/S	Air suspension
AT	Automatic Transmission
AU	Auto Up
+B	Battery
DN	Down
E	Ground
F/B	Fuse & Joint Box
FL1.5	Fusible link 1.5 mm^2
IG	Ignition
Illumi.	Illumination
LH	Left Hand
Lo	Low
M	Motor
M/B	Main Fuse Box
MG	Magnet
Mi	Middle
OP	Optional Parts
PASS	Passing
RH	Right Hand
SBF	Slow Blow Fuse
ST	Starter
SW	Switch
UP	Up
WASH	Washer

5. How to Use Super Multiple Junction (SMJ)

The “SMJ” indicated in wiring diagrams is shown in a simplified form.

A: TERMINAL ARRANGEMENT





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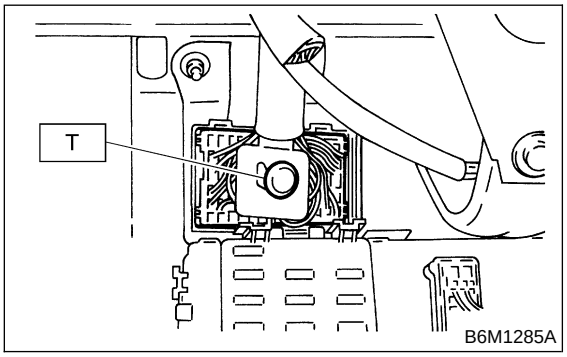
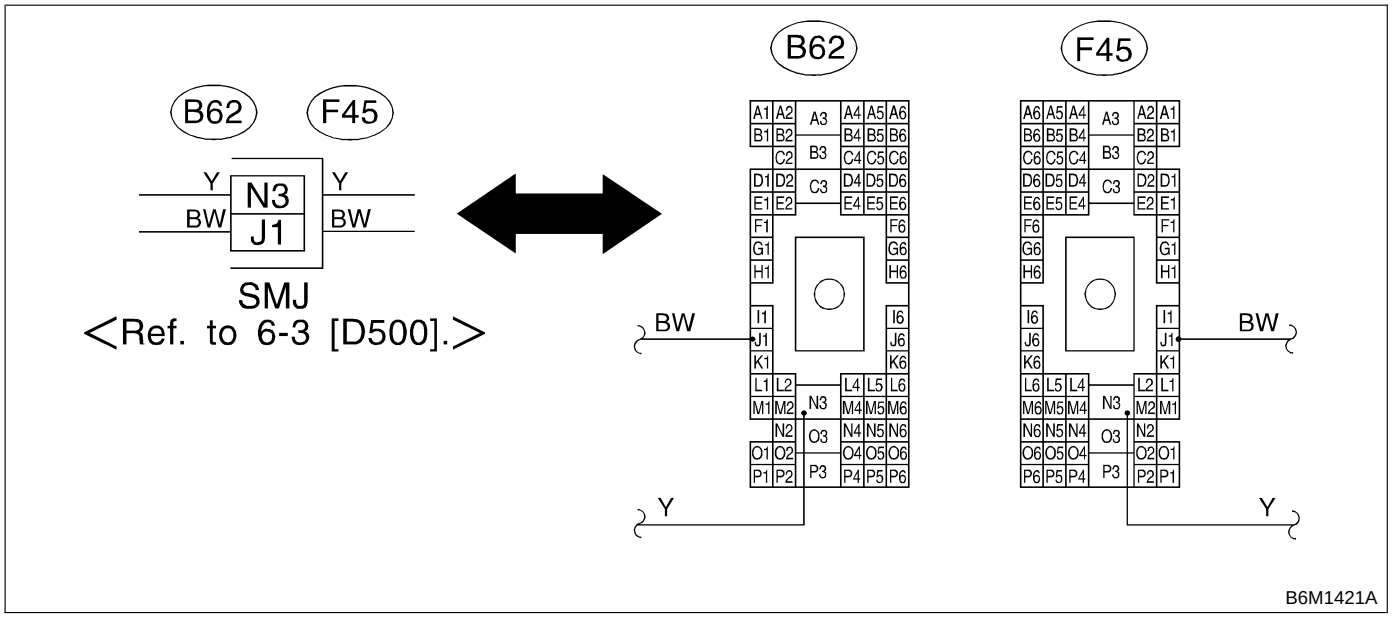
B: INSTALLATION



Tightening torque:
T: 4.4 — 7.4 N·m (45 — 75 kg-cm, 39 — 65 in-lb)

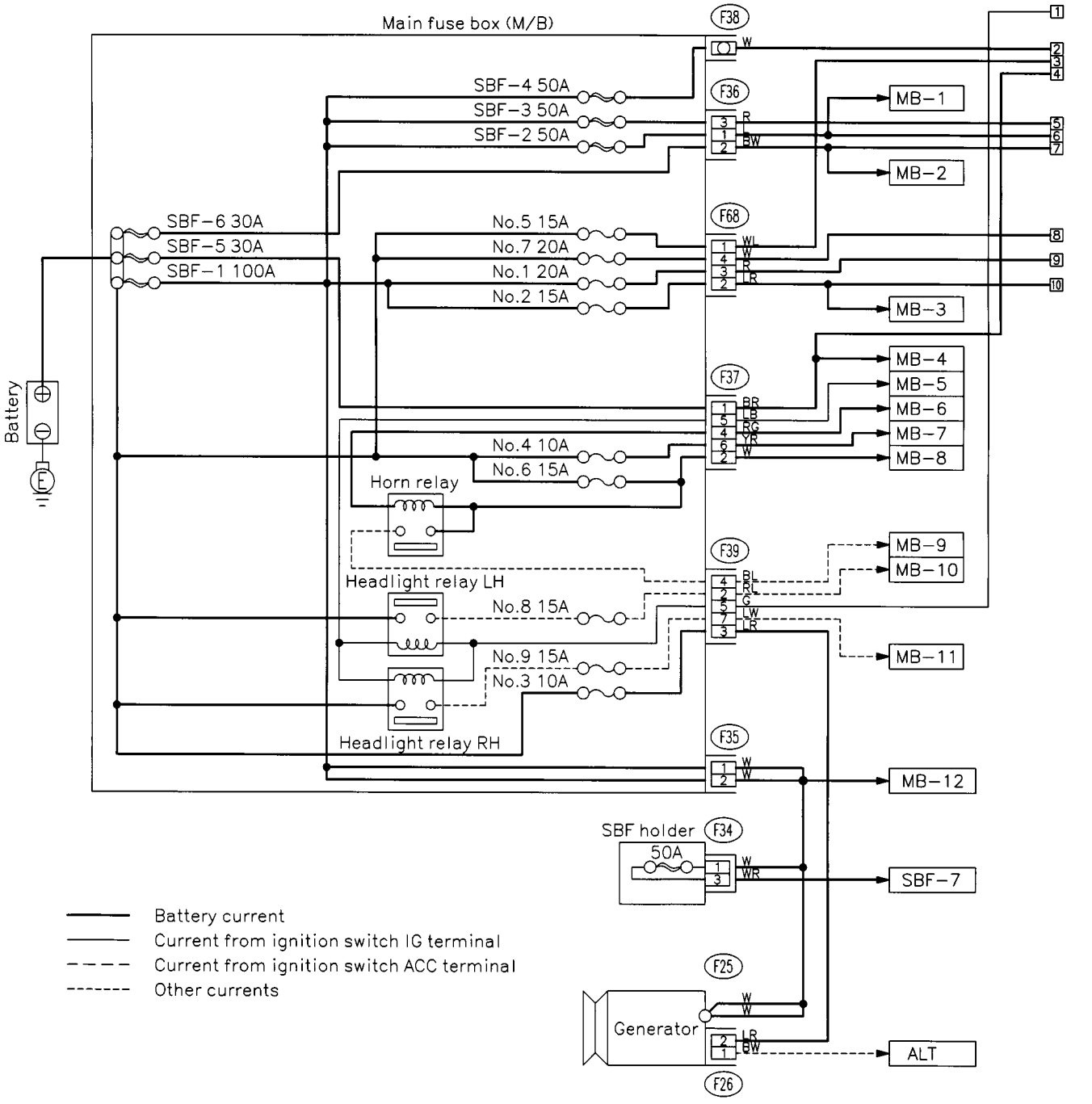
NOTE:
● Align the cutout portion of one connector with that of other before tightening the connecting bolt.
● Do not tighten the bolt excessively since this may deform the connectors.

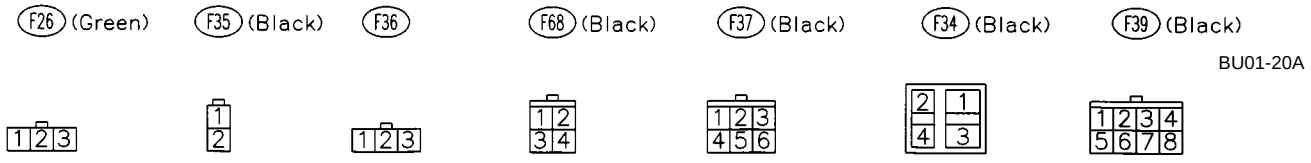
C: EXPLANATION OF SMJ SHOWN IN THE WIRING DIAGRAM



6. Wiring Diagram

A: POWER SUPPLY ROUTING





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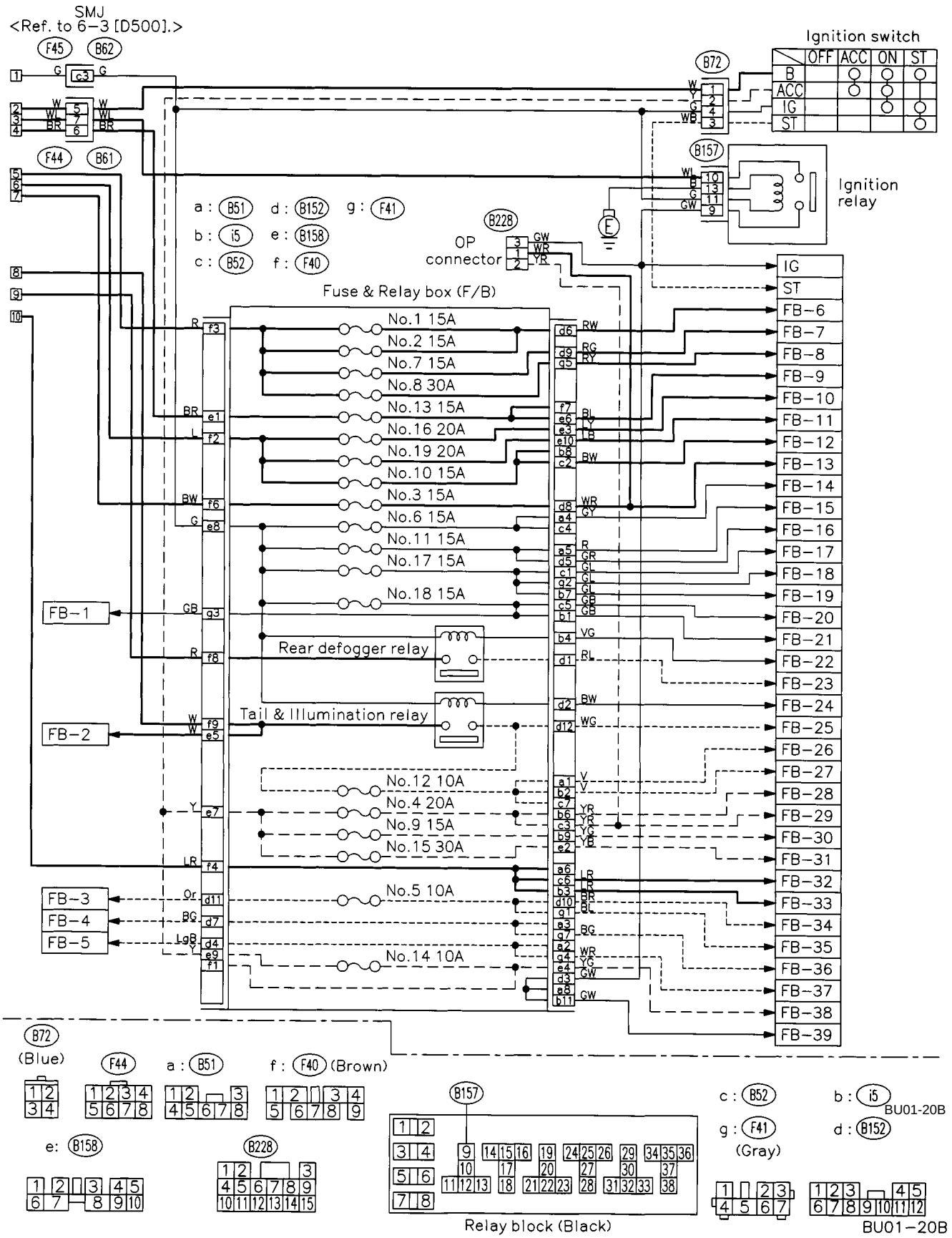
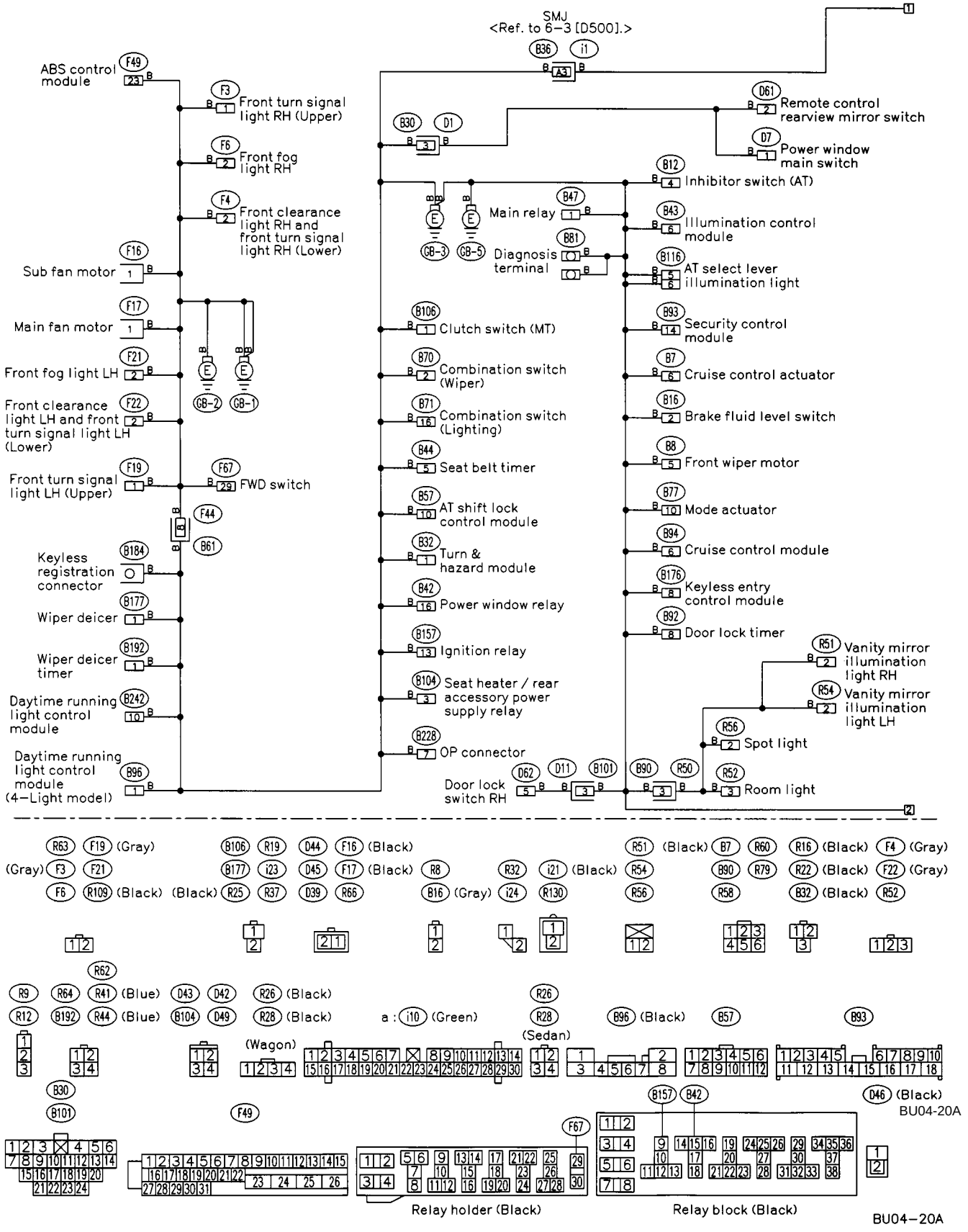

SMJ
<Ref. to 6-3 [D500].>
Ignition switch
OFF ACC ON ST
B
ACC
IG
ST
Ignition relay
a : B51 d : B152 g : F41
b : i5 e : B158
c : B52 f : F40
OP connector
Fuse & Relay box (F/B)
No.1 15A
No.2 15A
No.7 15A
No.8 30A
No.13 15A
No.16 20A
No.19 20A
No.10 15A
No.3 15A
No.6 15A
No.11 15A
No.17 15A
No.18 15A
No.12 10A
No.4 20A
No.9 15A
No.15 30A
No.5 10A
No.14 10A
Rear defogger relay
Tail & Illumination relay
FB-1
FB-2
FB-3
FB-4
FB-5
IG
ST
FB-6
FB-7
FB-8
FB-9
FB-10
FB-11
FB-12
FB-13
FB-14
FB-15
FB-16
FB-17
FB-18
FB-19
FB-20
FB-21
FB-22
FB-23
FB-24
FB-25
FB-26
FB-27
FB-28
FB-29
FB-30
FB-31
FB-32
FB-33
FB-34
FB-35
FB-36
FB-37
FB-38
FB-39
(Blue)
(Brown)
(Gray)
Relay block (Black)
BU01-20B
BU01-20B

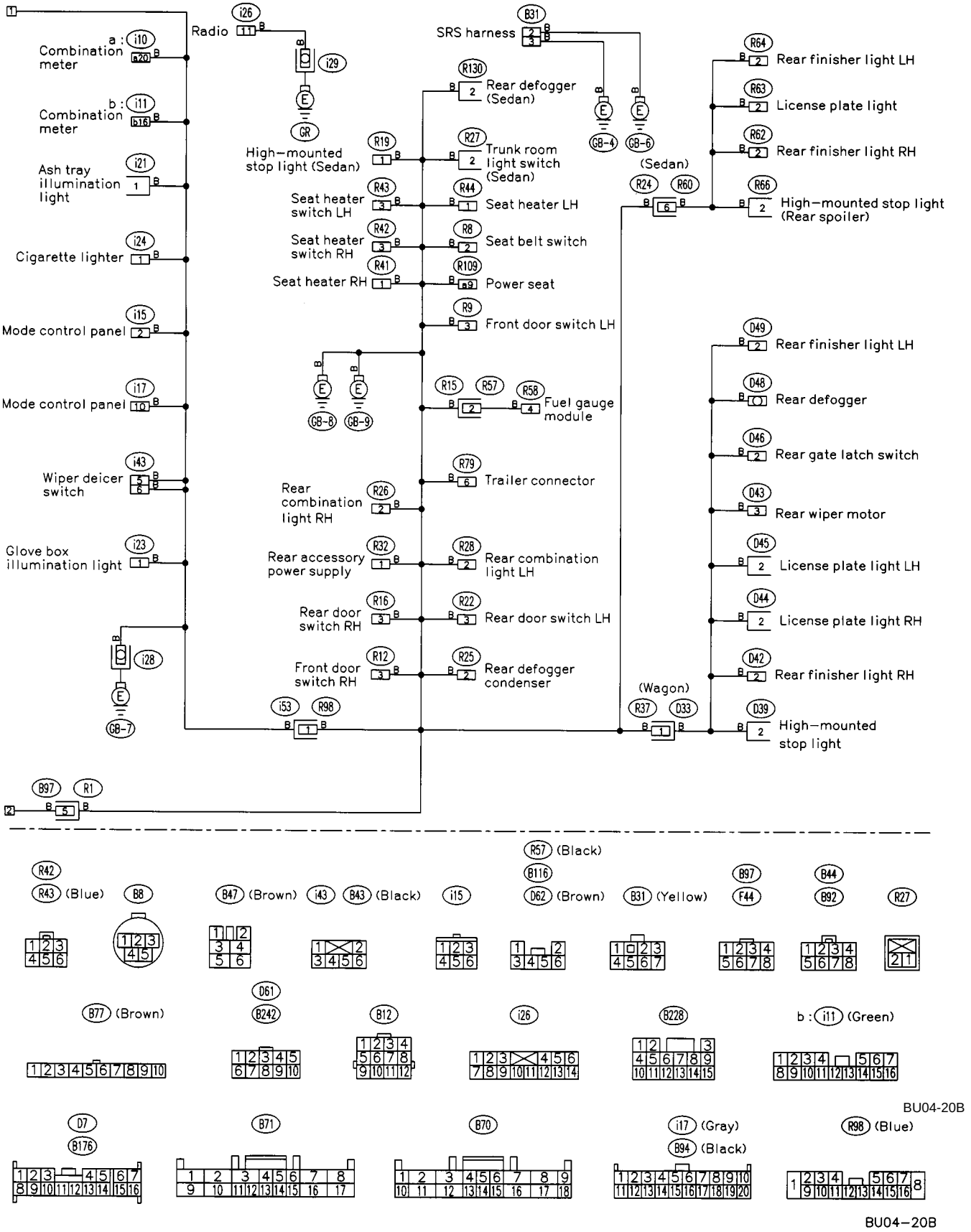
No.	Load
MB-1	Fuse (Seat heater)
MB-2	Power window circuit breaker
MB-4	Data link connector Engine control module Main relay
MB-5	Daytime running light control module OP connector
MB-6	Cruise control sub switch Horn switch Keyless entry control module Security horn relay
MB-7	Transmission control module
MB-8	AT shift lock control module Hazard switch Key warning switch
MB-9	Horn
MB-10	Headlight LH
MB-11	Combination meter Front fog light relay Front fog light switch Headlight RH
MB-12	A/C relay holder (Fuse)
SBF-7	ABS control module
ALT	Combination meter
IG	Check connector Keyless entry control module Seat belt timer Security control module Vehicle speed sensor (MT)
ST	Cruise control module (AT) Engine control module Interrupt relay Starter interlock relay
FB-1	ABS control module Main fan relay
FB-2	Parking switch Security control module
FB-3	Parking switch Security control module
FB-4	Combination meter Hazard switch Rear turn signal light LH Trailer connector Turn signal switch
FB-5	Combination meter Hazard switch Rear turn signal light RH Trailer connector Turn signal switch
FB-6	Blower motor relay
FB-7	Front fog light relay
FB-8	ABS control module
FB-9	Fuel pump relay
FB-10	Stop light switch
FB-11	Wiper deicer relay
FB-12	Trailer connector

No.	Load
FB-13	Door lock timer Keyless entry control module
FB-14	Airbag control module
FB-15	Airbag control module
FB-16	Daytime running light control module Engine control module Fuel pump relay Ignition coil and ignitor Transmission control module
FB-17	A/C pressure switch Blower motor relay
FB-18	A/C relay Sub fan relay
FB-19	Mode control panel
FB-20	AT shift lock control module Back-up light switch (MT) Cruise control module Inhibitor switch (AT) Power window relay Wiper deicer relay Wiper deicer timer
FB-21	Cruise control main switch
FB-22	Engine control module Rear defogger switch
FB-23	Rear defogger Rear defogger condenser
FB-24	Engine control module Lighting switch OP connector
FB-25	Parking switch
FB-26	Illumination control module Illumination light OP connector
FB-27	Combination meter Illumination light
FB-28	Front accessory power supply socket
FB-29	AT shift lock control module Mirror heater LH Mirror heater RH Remote control rearview mirror switch Seat heater relay Vanity mirror illumination light
FB-30	Radio
FB-31	Front washer motor Front wiper motor Front wiper & washer switch
FB-32	Luggage room light Room light Security control module Security horn relay Spot light Step light Trunk room light
FB-33	Combination meter Radio

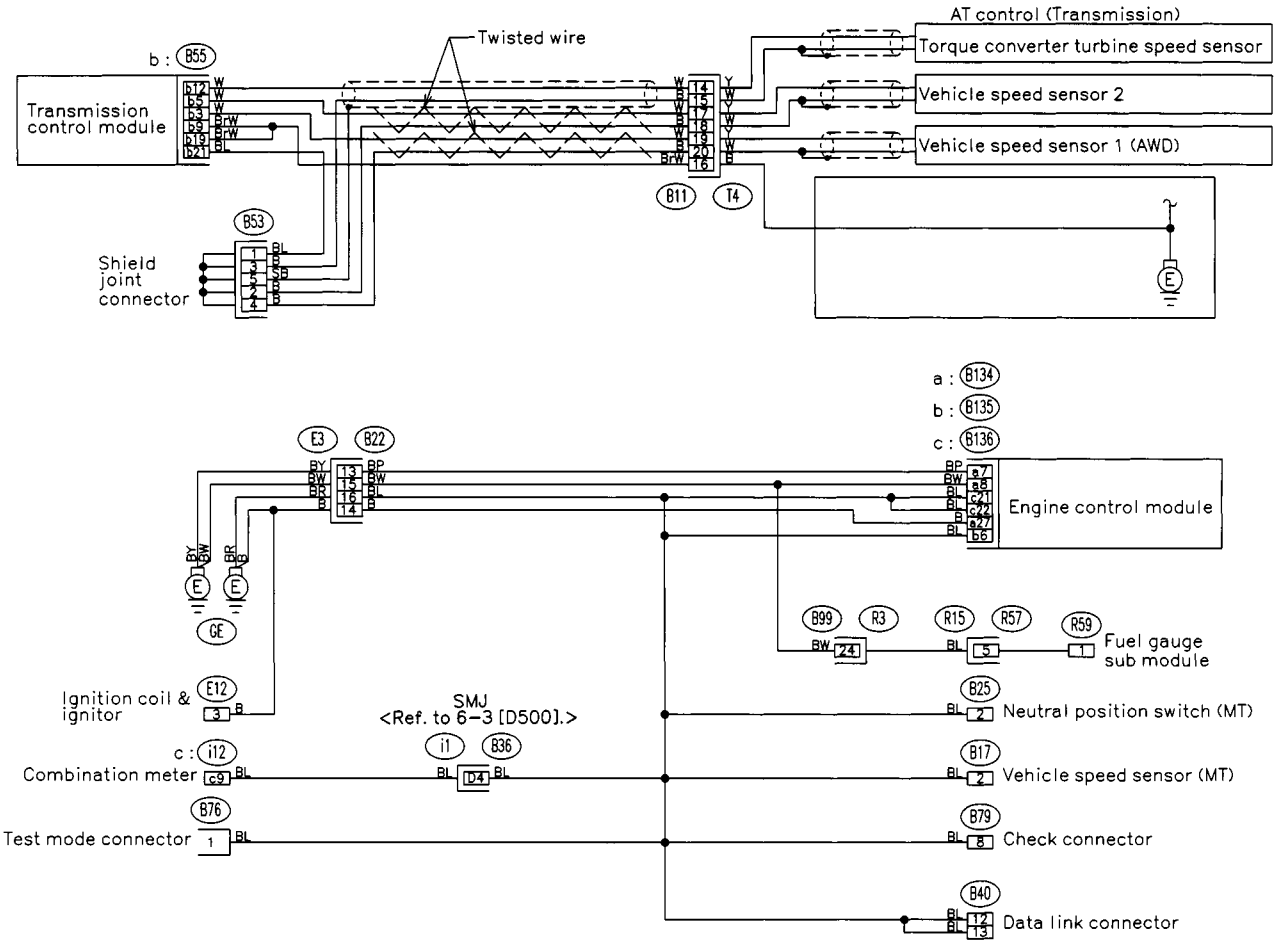
No.	Load
FB-34	License plate light LH License plate light RH Rear finisher light LH Rear finisher light RH Tail light LH Tail light RH Trailer connector
FB-35	Front clearance light LH Front clearance light RH
FB-36	Front turn signal light LH
FB-37	Front turn signal light RH
FB-38	Rear washer motor Rear wiper motor Rear wiper relay
FB-39	Combination meter Hazard switch

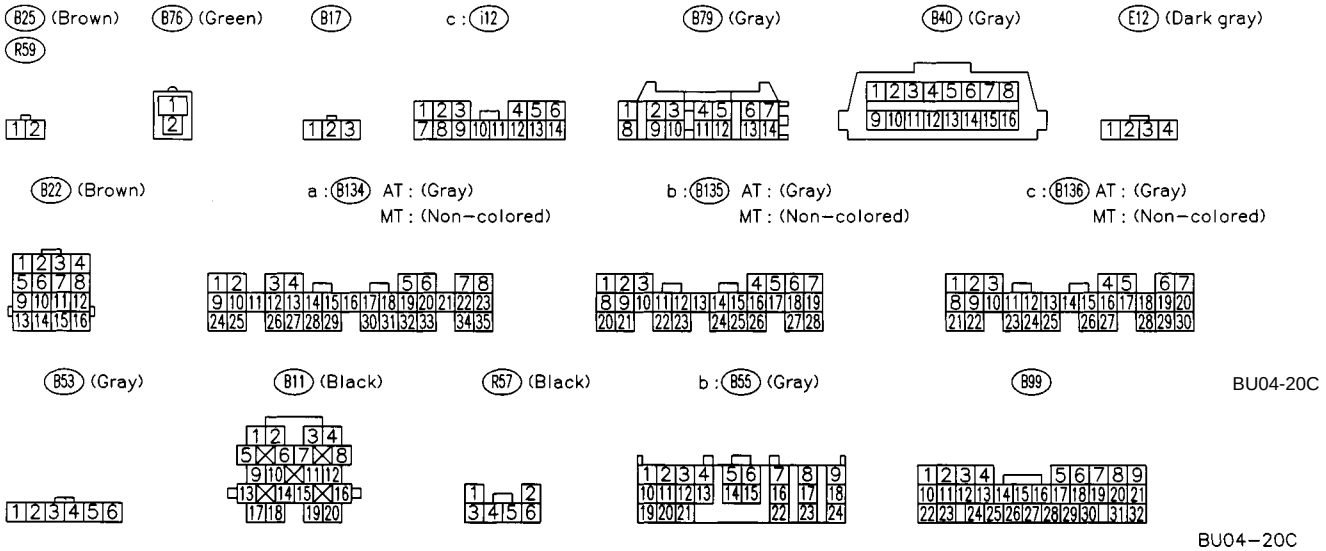
B: GROUND DISTRIBUTION



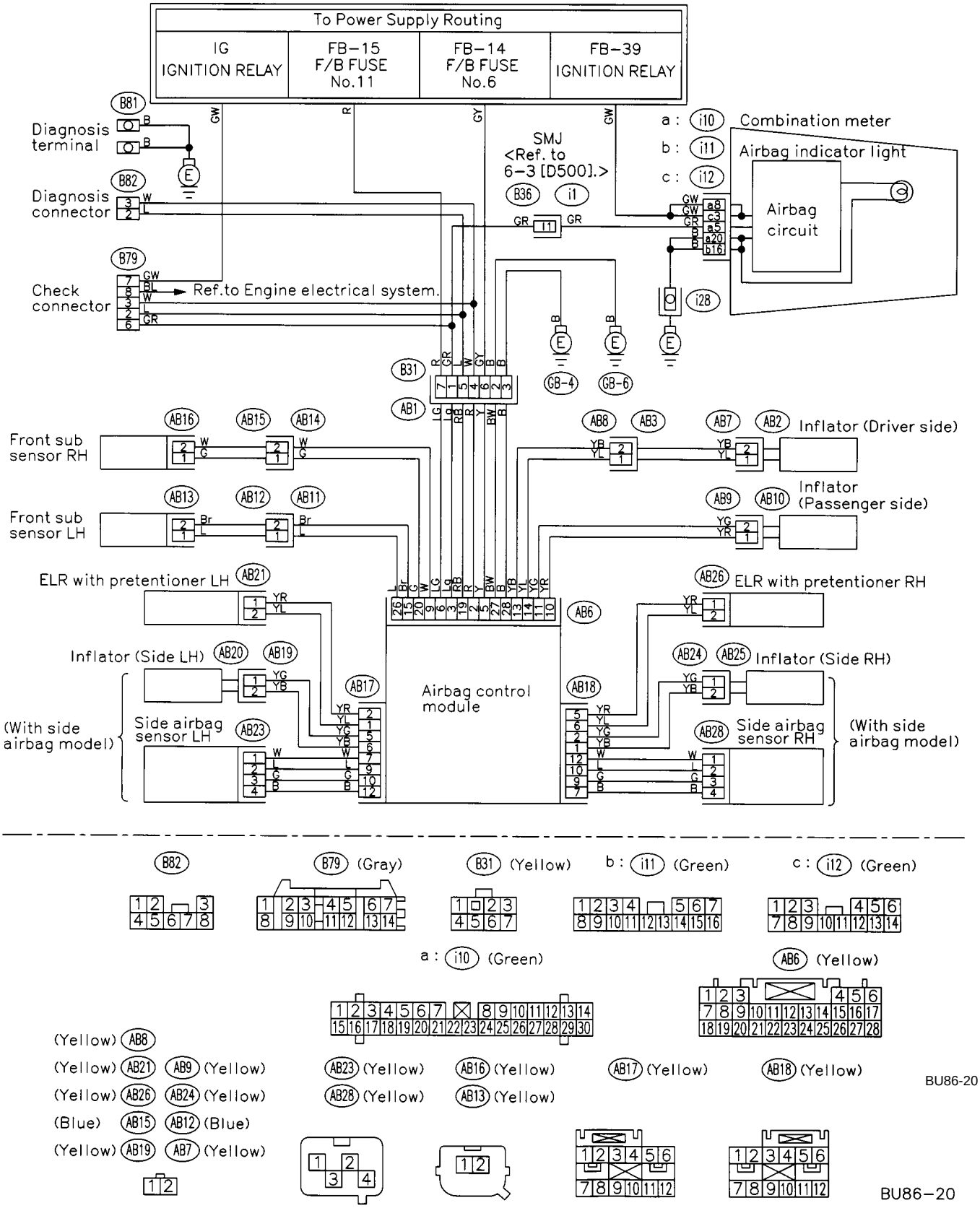

Radio
SRS harness
a : Combination meter
b : Combination meter
Ash tray illumination light
Cigarette lighter
Mode control panel
Mode control panel
Wiper deicer switch
Glove box illumination light
High−mounted stop light (Sedan)
Rear defogger (Sedan)
Trunk room light switch (Sedan)
Seat heater switch LH
Seat heater LH
Seat heater switch RH
Seat belt switch
Seat heater RH
Power seat
Front door switch LH
Fuel gauge module
Trailer connector
Rear combination light RH
Rear accessory power supply
Rear combination light LH
Rear door switch RH
Rear door switch LH
Front door switch RH
Rear defogger condenser
(Sedan)
(Wagon)
Rear finisher light LH
License plate light
Rear finisher light RH
High−mounted stop light (Rear spoiler)
Rear finisher light LH
Rear defogger
Rear gate latch switch
Rear wiper motor
License plate light LH
License plate light RH
Rear finisher light RH
High−mounted stop light
(Blue)
(Brown)
(Black)
(Brown)
(Yellow)
(Brown)
b : (Green)
(Gray)
(Black)
(Blue)
BU04-20B
BU04−20B

WIRING DIAGRAM

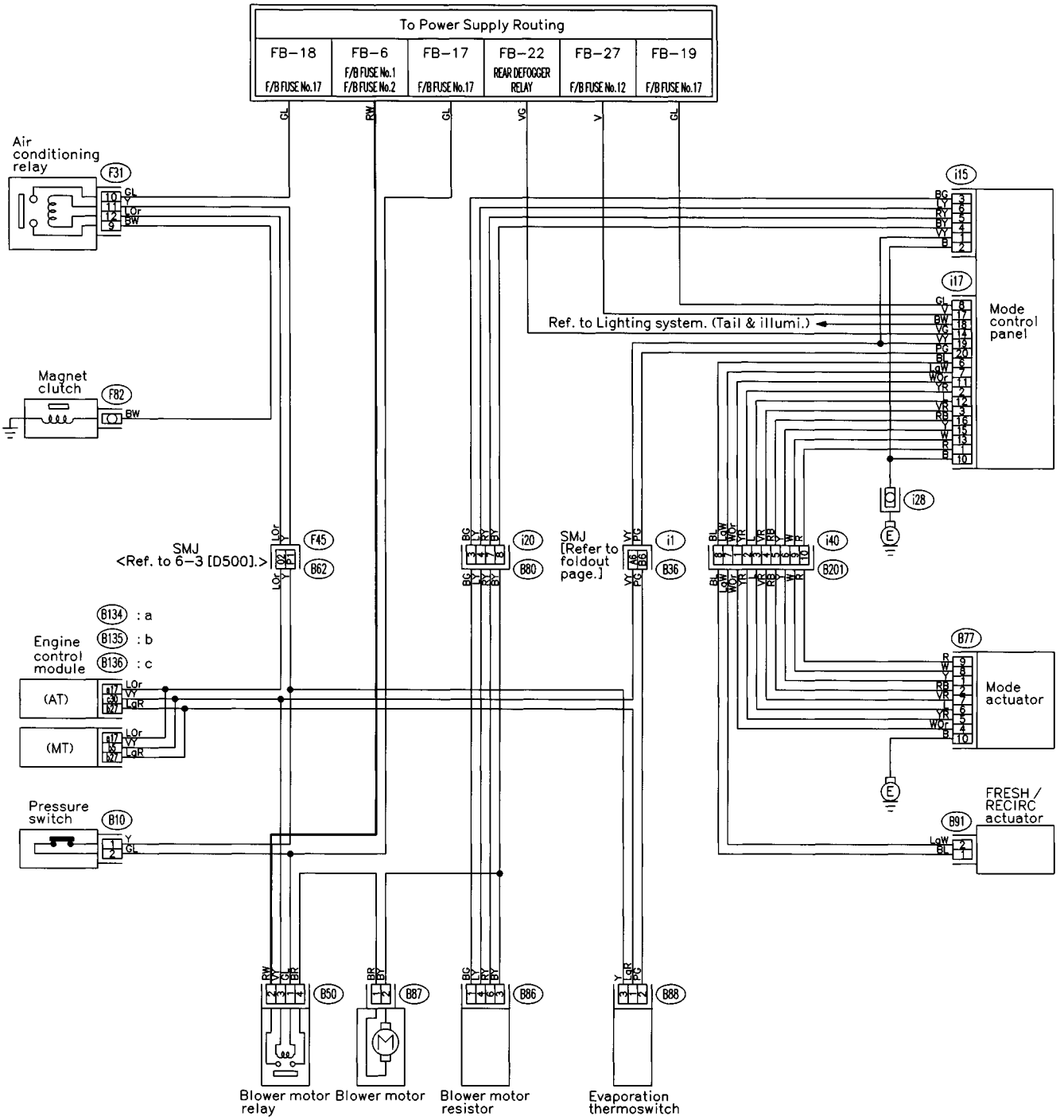




C: AIRBAG SYSTEM

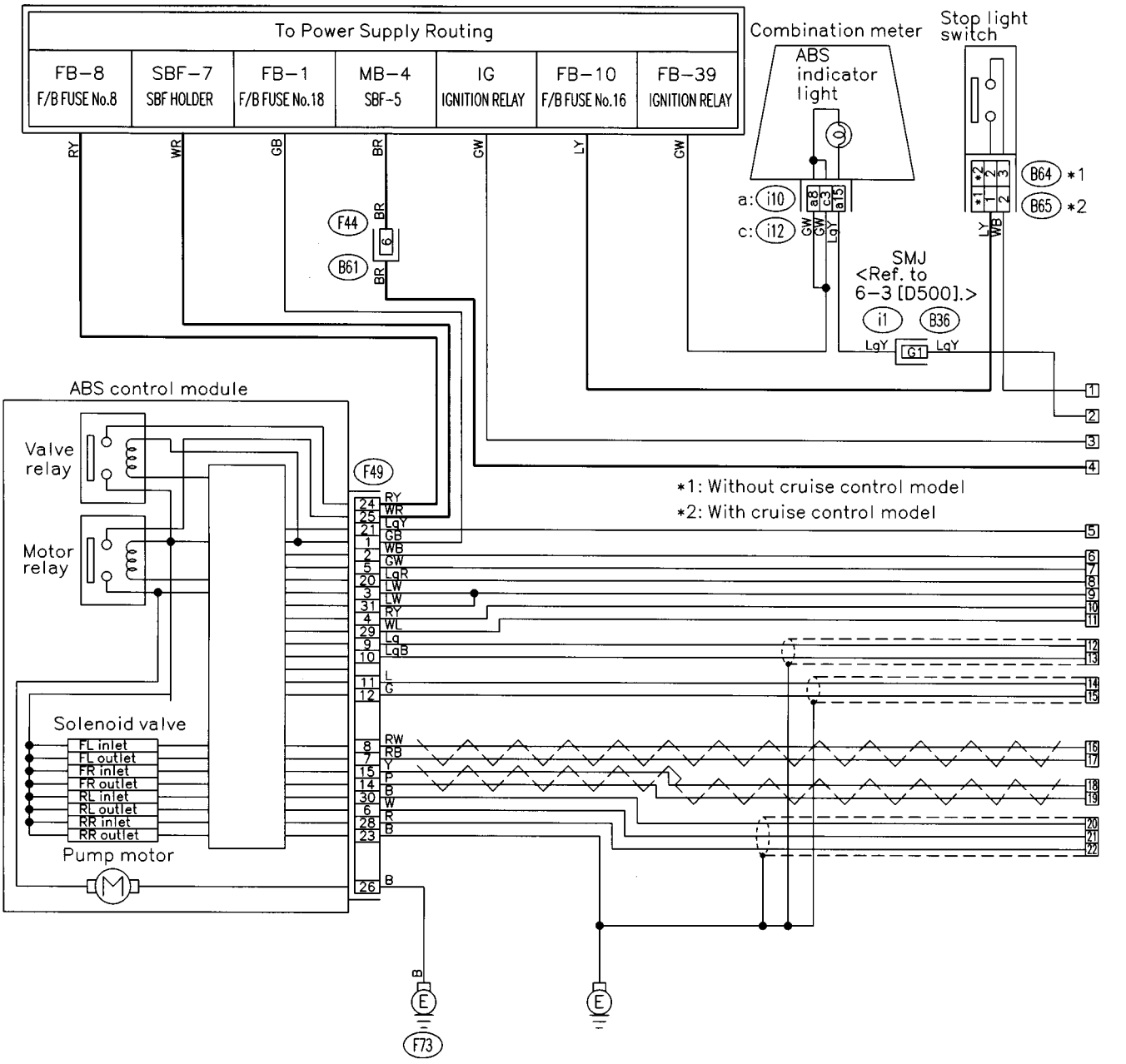


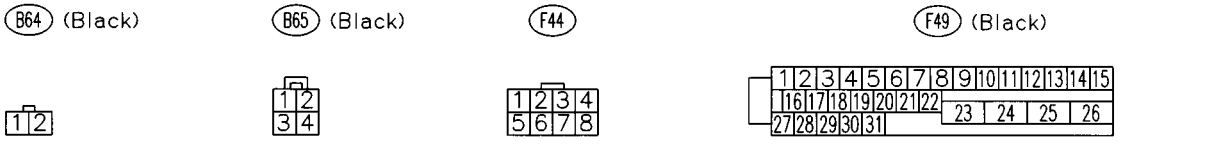
D: AIR CONDITIONING SYSTEM



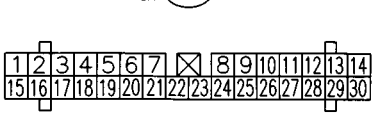
MEMO:

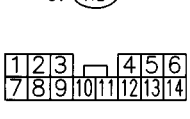
E: ANTI-LOCK BRAKE SYSTEM



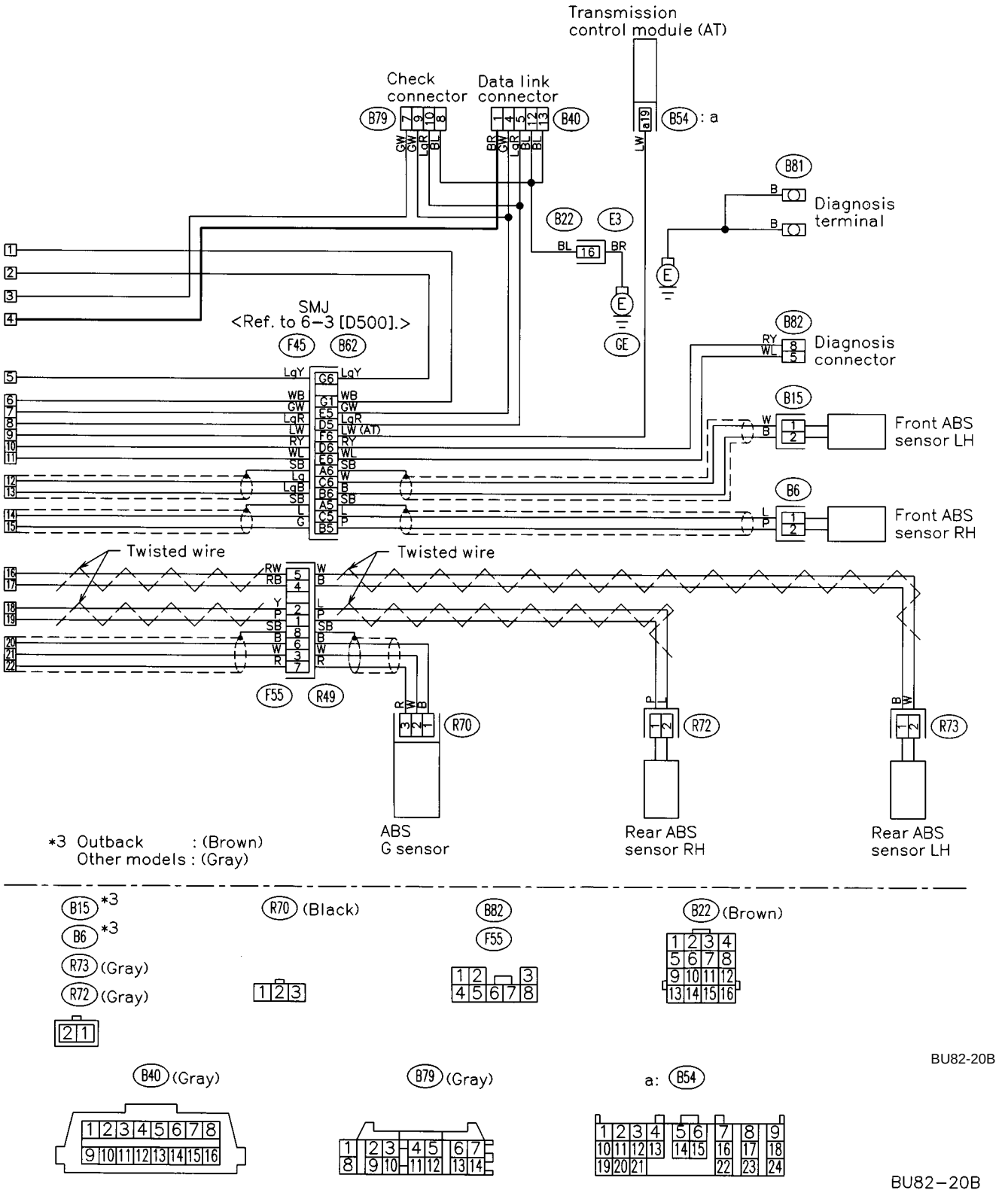


BU82-20A

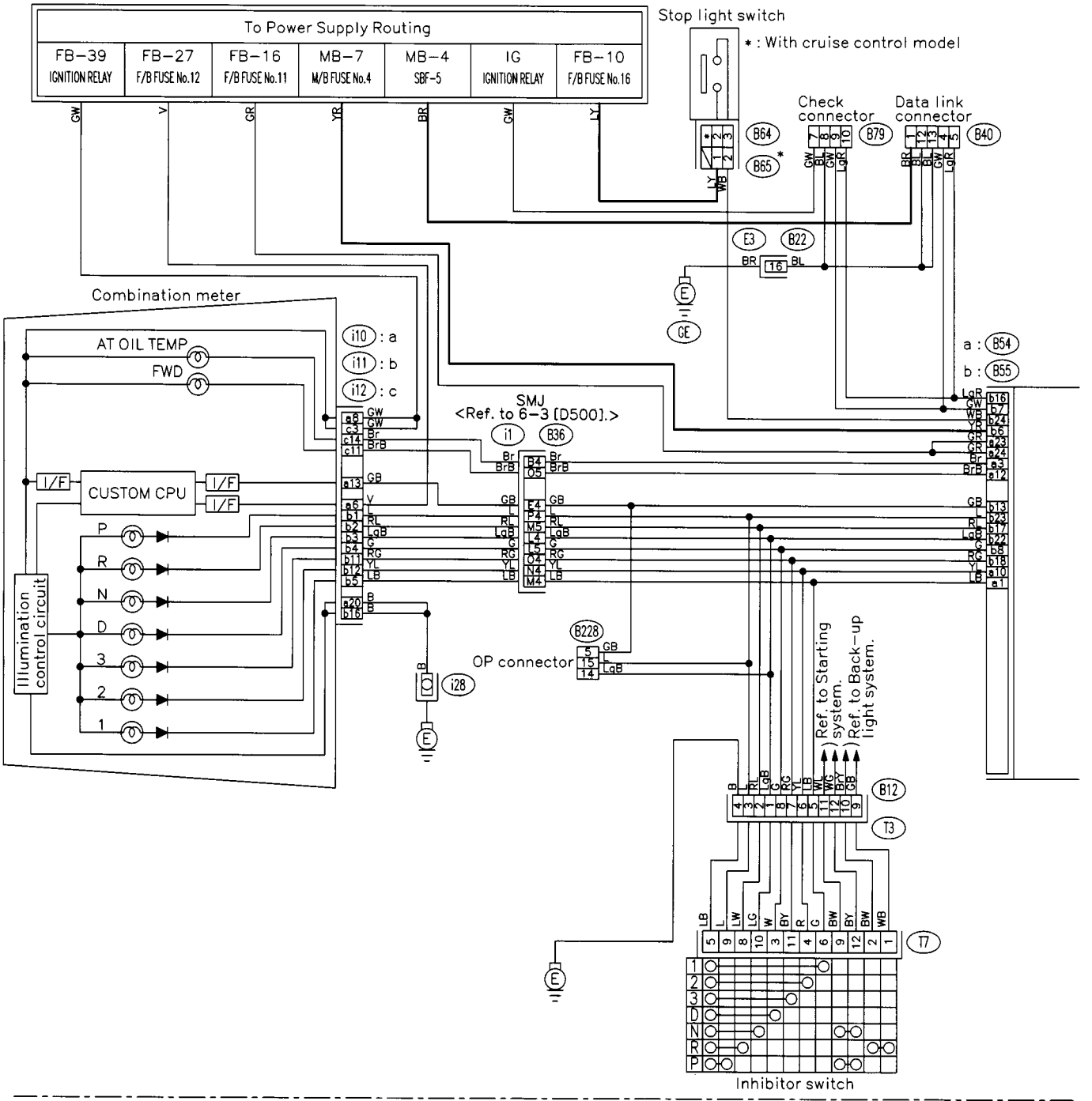




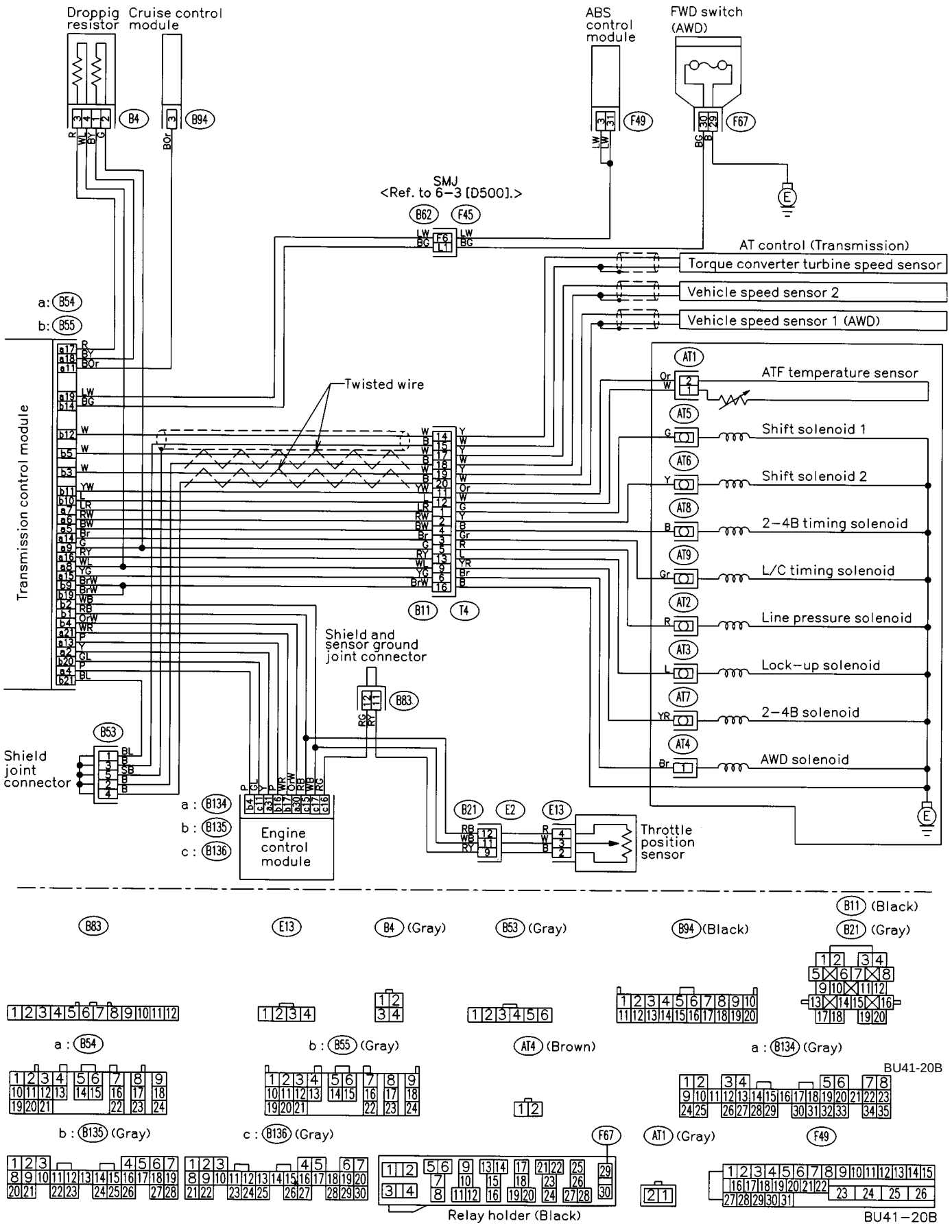
BU82−20A


Transmission control module (AT)
Check connector
Data link connector
B79
B40
B54 : a
B81
Diagnosis terminal
B22
E3
E
GE
SMJ
<Ref. to 6-3 [D500].>
F45
B62
B82
Diagnosis connector
B15
Front ABS sensor LH
B6
Front ABS sensor RH
Twisted wire
Twisted wire
F55
R49
R70
R72
R73
ABS G sensor
Rear ABS sensor RH
Rear ABS sensor LH
*3 Outback : (Brown)
Other models : (Gray)
B15 *3
B6 *3
R73 (Gray)
R72 (Gray)
R70 (Black)
B82
F55
B22 (Brown)
B40 (Gray)
B79 (Gray)
a: B54
BU82-20B
BU82-20B

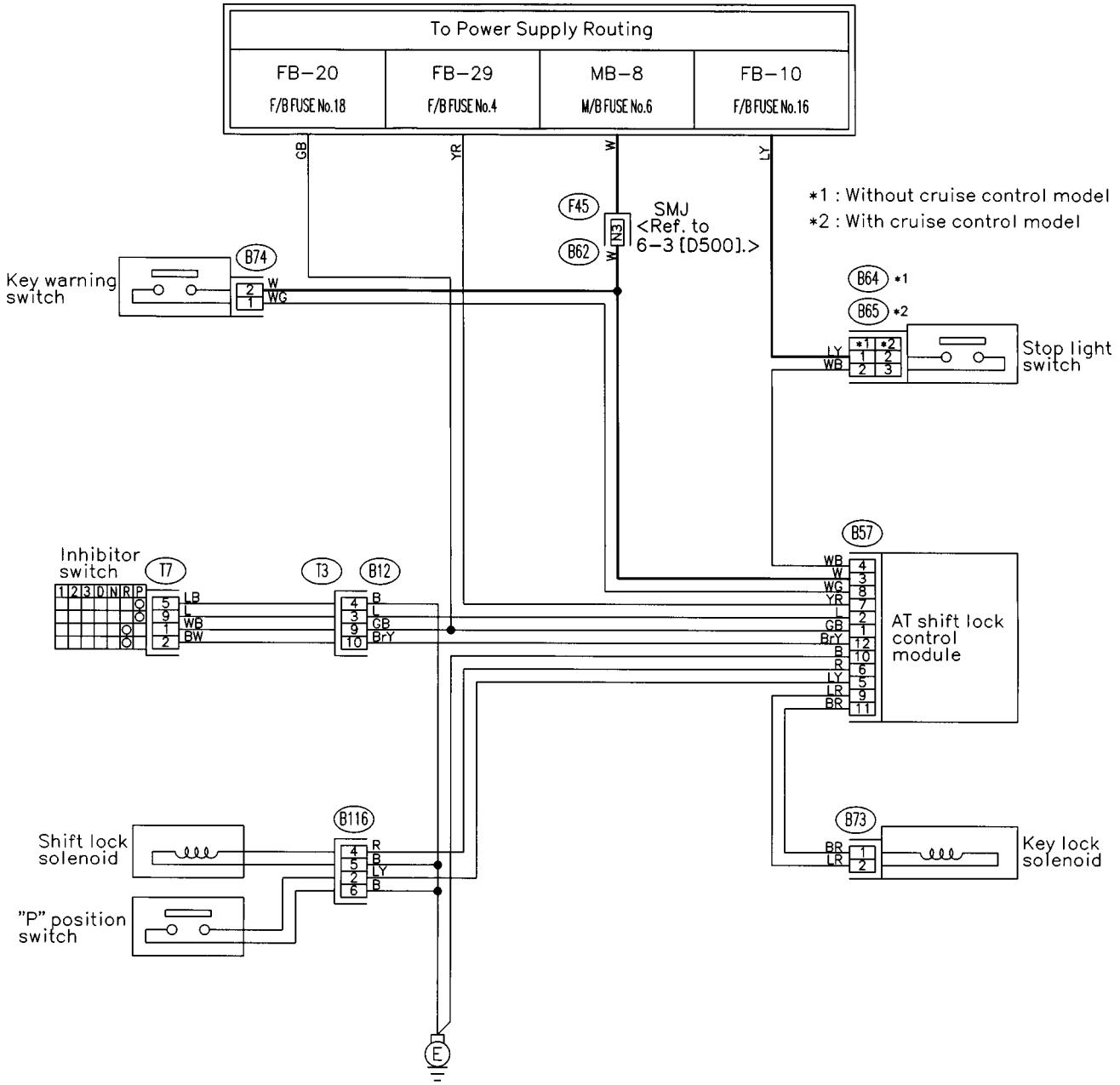
F: A/T CONTROL SYSTEM

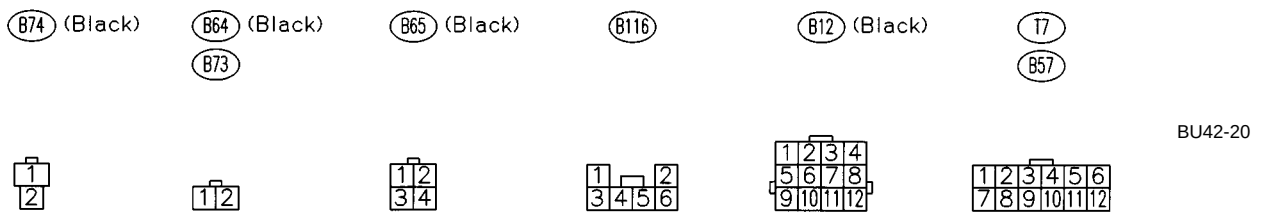


BU41−20A


Droppig resistor
Cruise control module
ABS control module
FWD switch (AWD)
B4
B94
F49
F67
SMJ
<Ref. to 6-3 [D500].>
B62
F45
AT control (Transmission)
Torque converter turbine speed sensor
Vehicle speed sensor 2
Vehicle speed sensor 1 (AWD)
a: B54
b: B55
Transmission control module
Twisted wire
AT1
ATF temperature sensor
AT5
Shift solenoid 1
AT6
Shift solenoid 2
AT8
2–4B timing solenoid
AT9
L/C timing solenoid
AT2
Line pressure solenoid
AT3
Lock–up solenoid
AT7
2–4B solenoid
AT4
AWD solenoid
B11
T4
Shield and sensor ground joint connector
B83
B53
Shield joint connector
a : B134
b : B135
c : B136
Engine control module
B21
E2
E13
Throttle position sensor
B83
E13
B4 (Gray)
B53 (Gray)
B94 (Black)
B11 (Black)
B21 (Gray)
a : B54
b : B55 (Gray)
AT4 (Brown)
a : B134 (Gray)
BU41-20B
b : B135 (Gray)
c : B136 (Gray)
F67
AT1 (Gray)
F49
Relay holder (Black)
BU41–20B

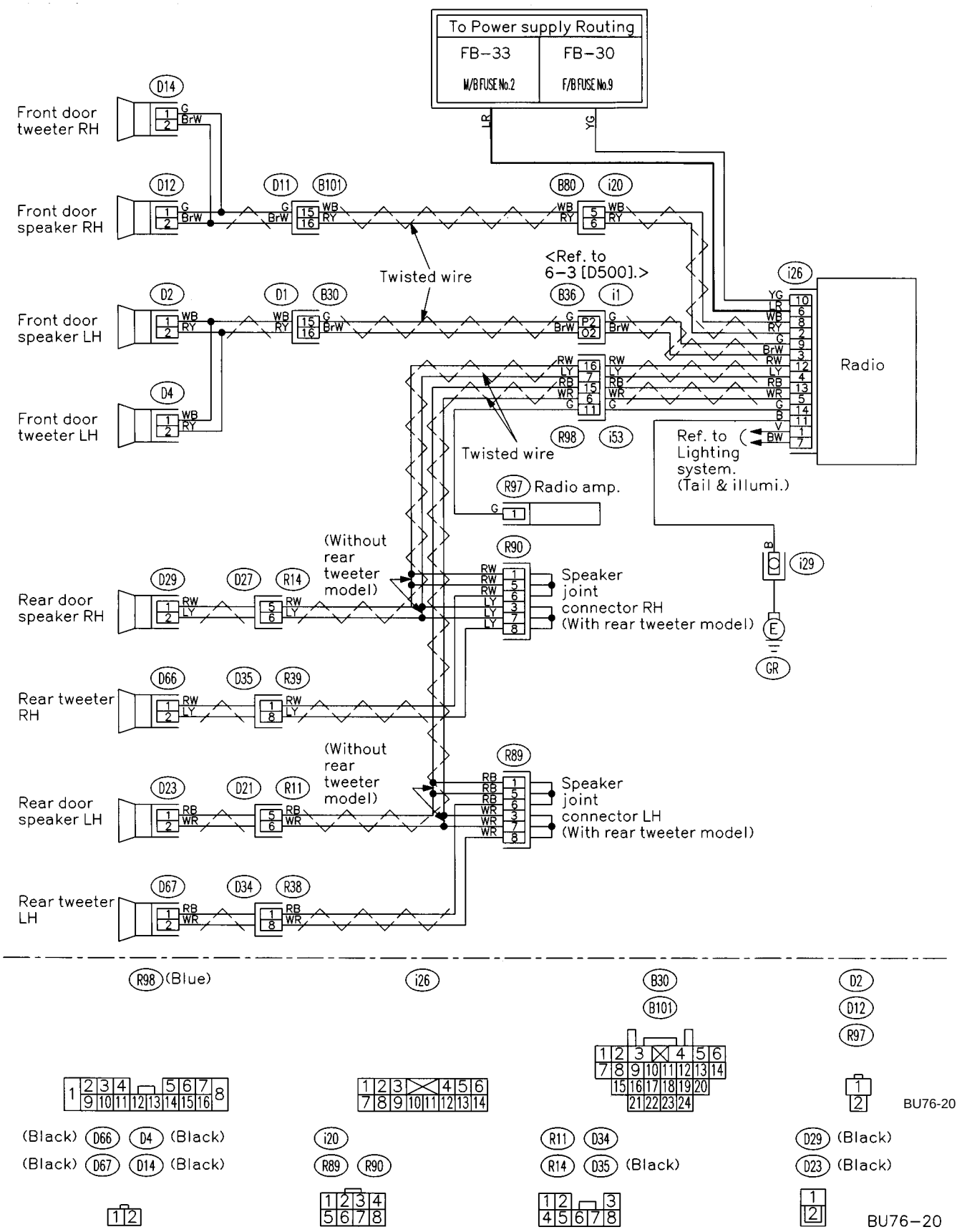
G: A/T SHIFT LOCK CONTROL SYSTEM



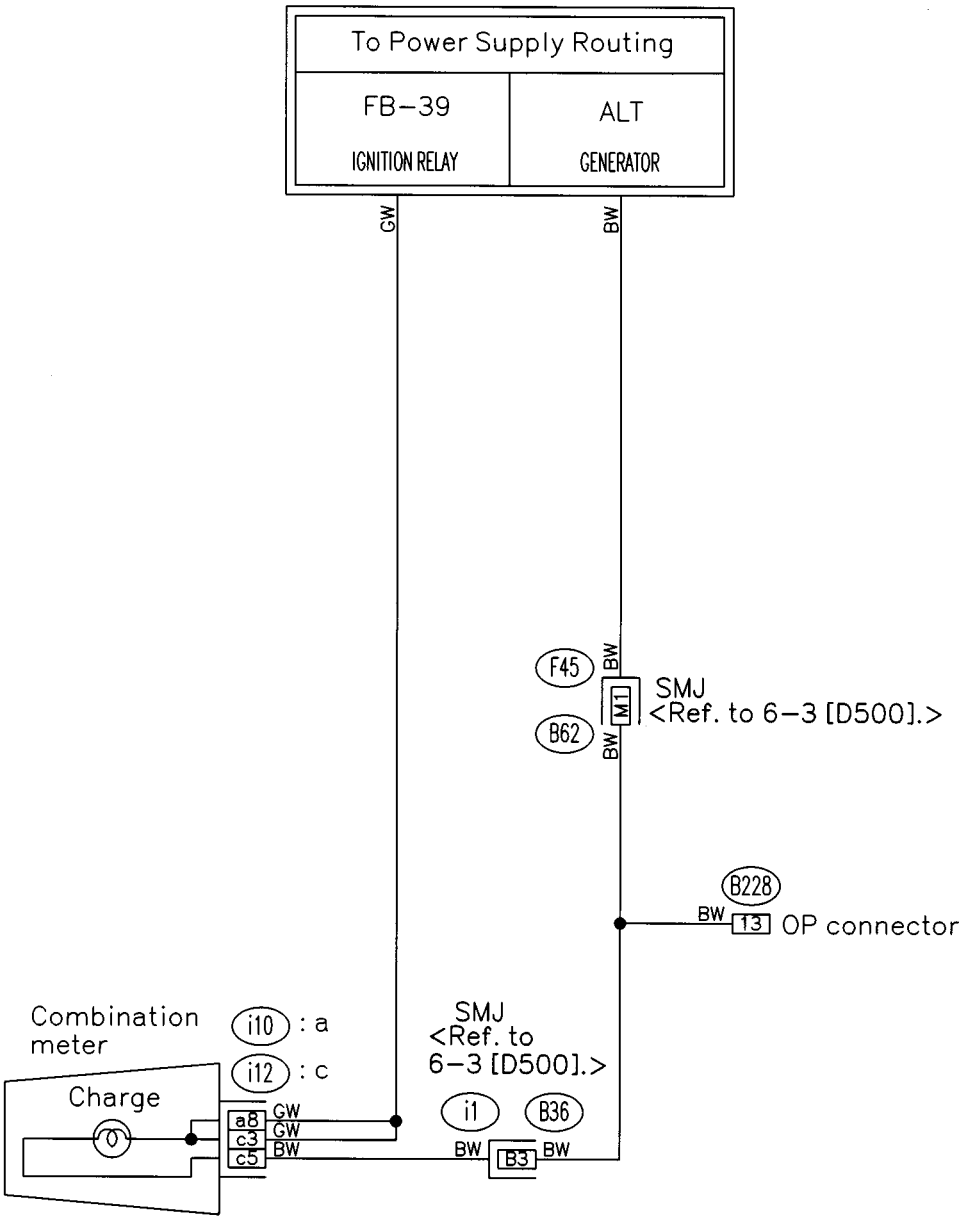


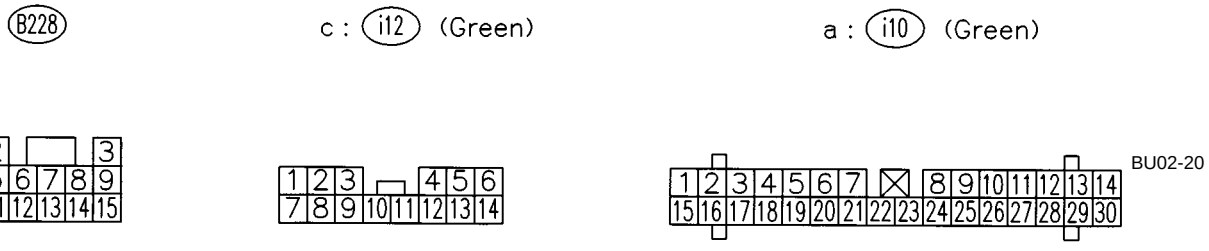
BU42−20

H: AUDIO SYSTEM



I: CHARGING SYSTEM

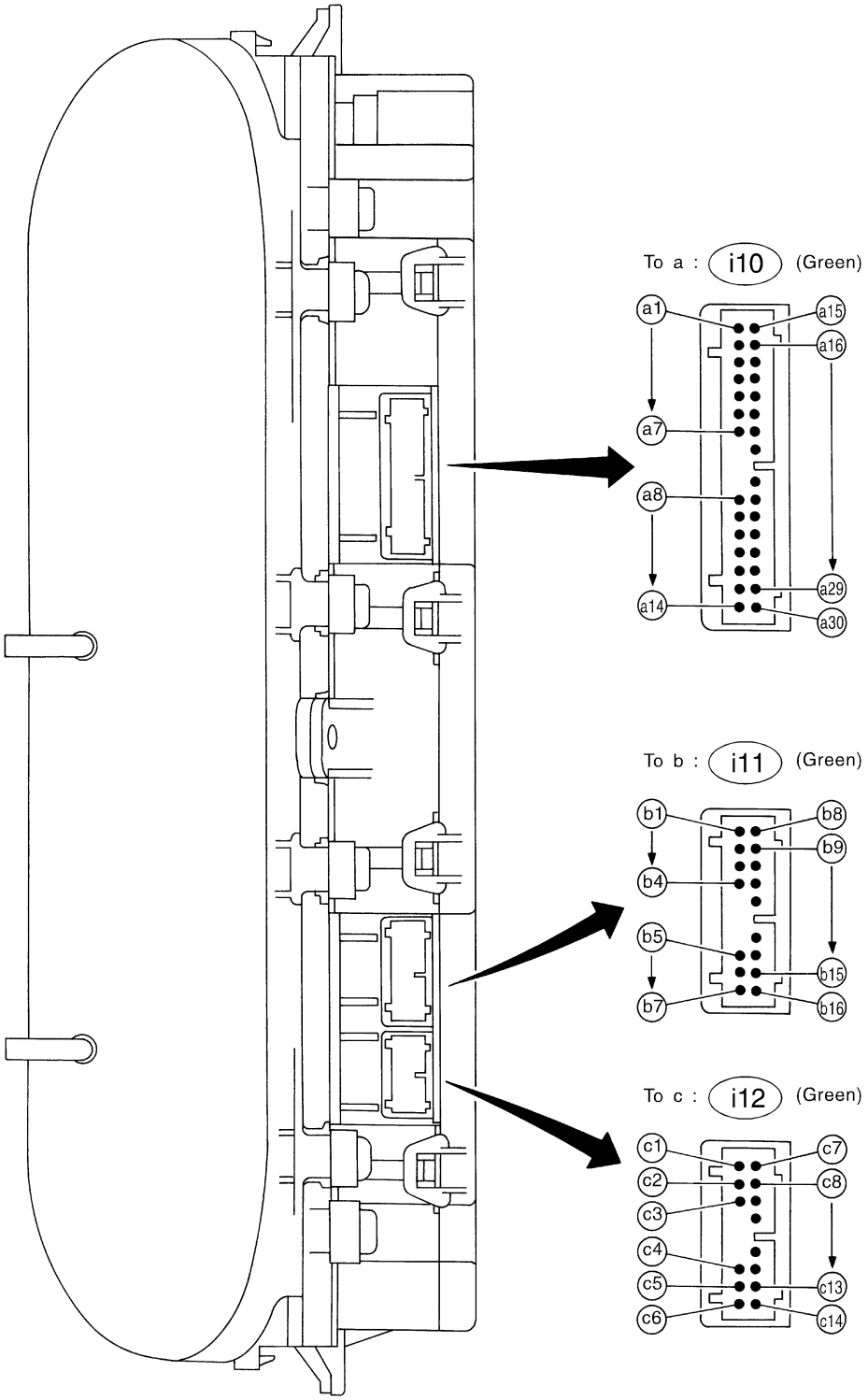




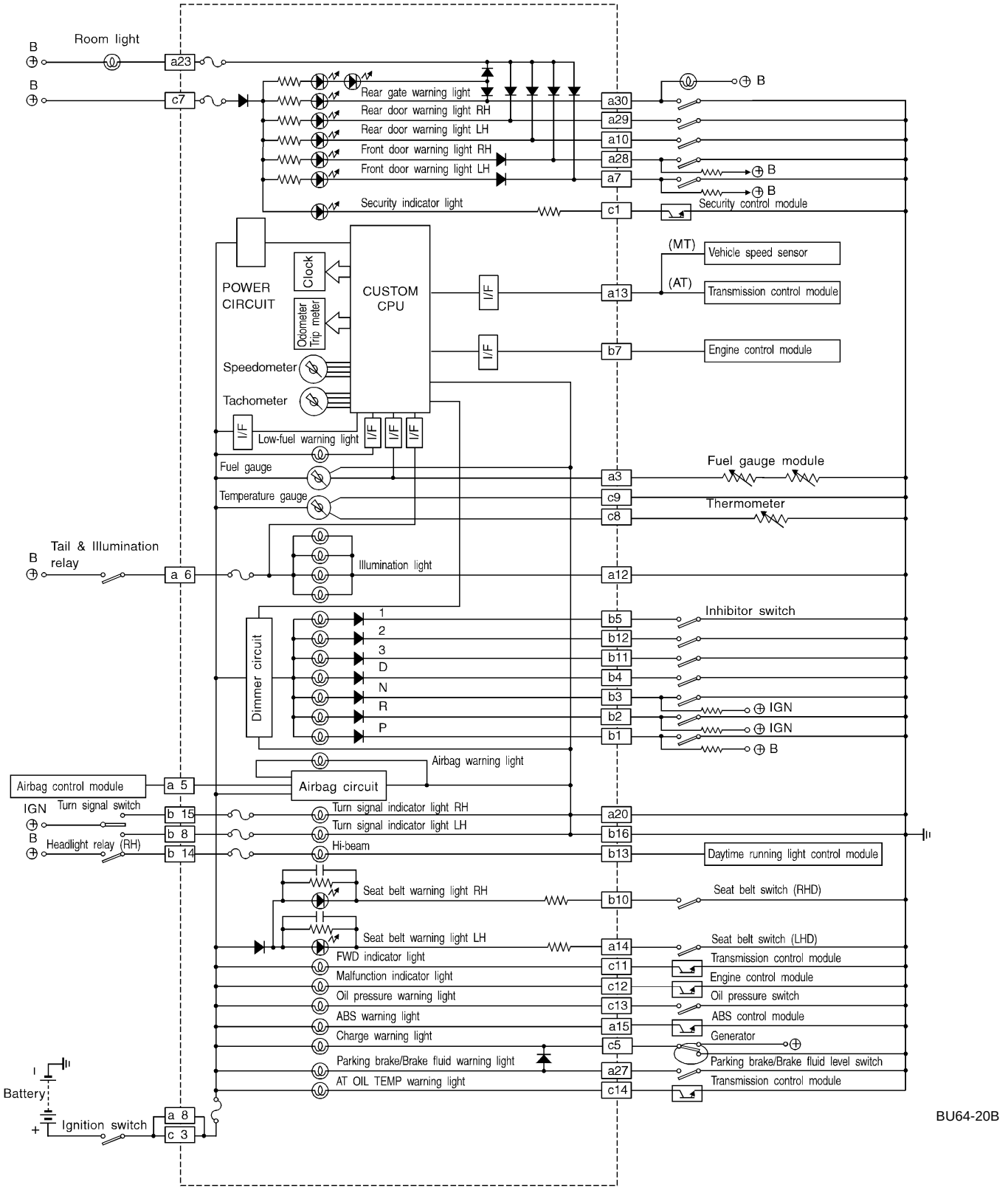
BU02−20

MEMO:

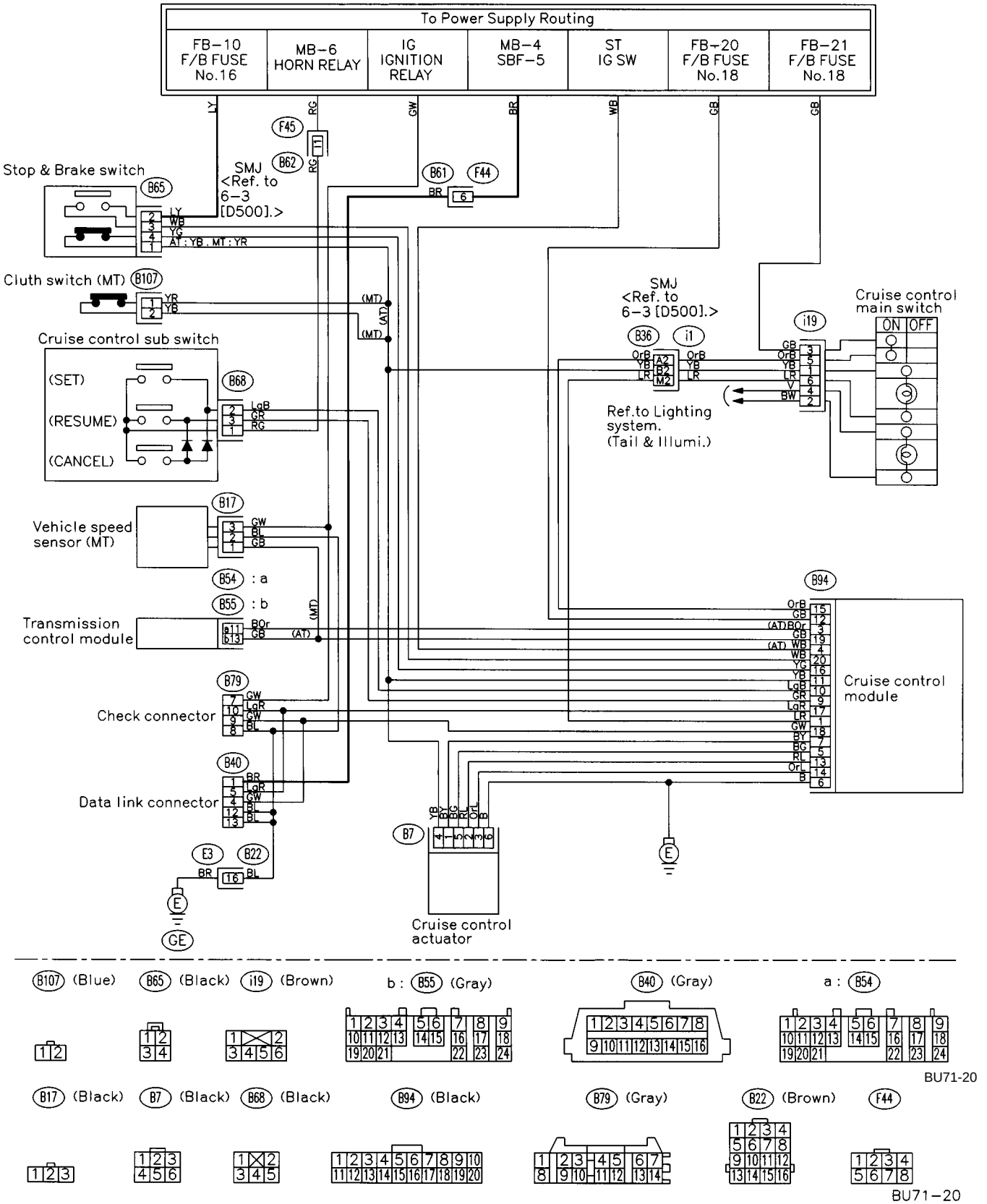
J: COMBINATION METER



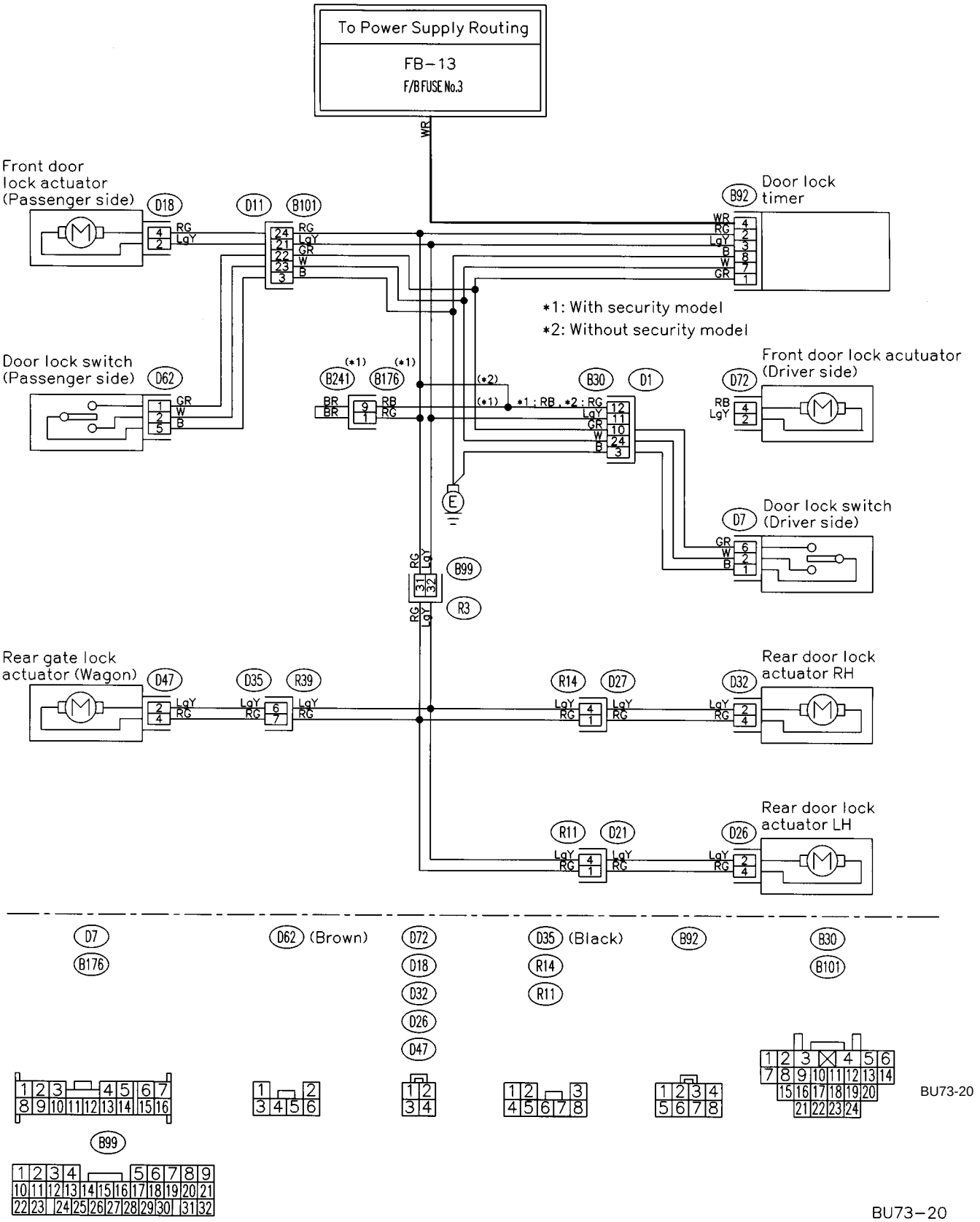
BU64-20A


Room light
B
a23
c7
Rear gate warning light
Rear door warning light RH
Rear door warning light LH
Front door warning light RH
Front door warning light LH
Security indicator light
a30
a29
a10
a28
a7
c1
Security control module
POWER CIRCUIT
Clock
Odometer Trip meter
CUSTOM CPU
I/F
a13
(MT)
Vehicle speed sensor
(AT)
Transmission control module
b7
Engine control module
Speedometer
Tachometer
Low-fuel warning light
Fuel gauge
Temperature gauge
a3
c9
c8
Fuel gauge module
Thermometer
Tail & Illumination relay
a 6
Illumination light
a12
Dimmer circuit
1
2
3
D
N
R
P
b5
b12
b11
b4
b3
b2
b1
Inhibitor switch
IGN
Airbag warning light
Airbag control module
a 5
Airbag circuit
Turn signal switch
b 15
b 8
b 14
Headlight relay (RH)
Turn signal indicator light RH
Turn signal indicator light LH
Hi-beam
a20
b16
b13
Daytime running light control module
Seat belt warning light RH
b10
Seat belt switch (RHD)
Seat belt warning light LH
a14
Seat belt switch (LHD)
FWD indicator light
c11
Transmission control module
Malfunction indicator light
c12
Engine control module
Oil pressure warning light
c13
Oil pressure switch
ABS warning light
a15
ABS control module
Charge warning light
c5
Generator
Parking brake/Brake fluid warning light
a27
Parking brake/Brake fluid level switch
AT OIL TEMP warning light
c14
Transmission control module
Battery
Ignition switch
a 8
c 3
BU64-20B

K: CRUISE CONTROL SYSTEM

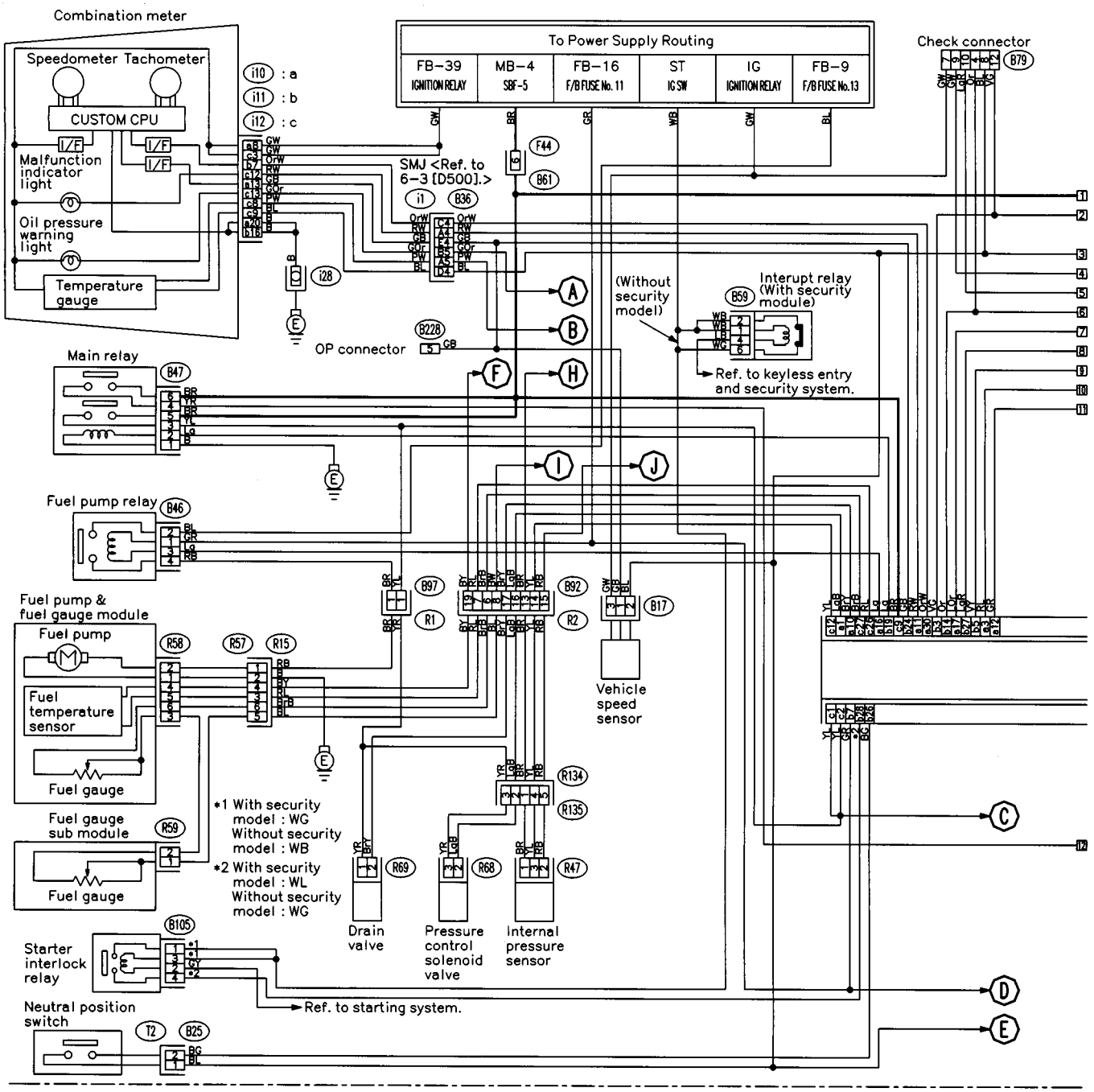


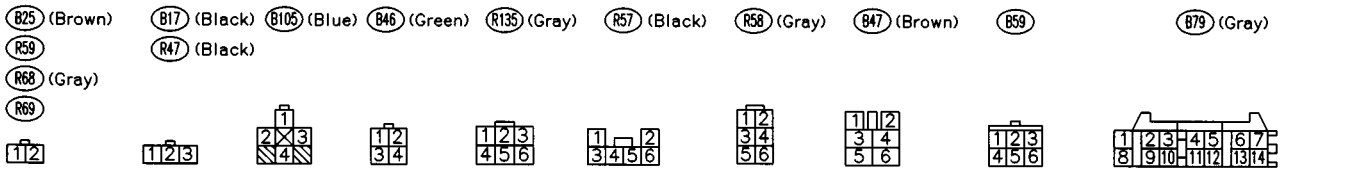
L: DOOR LOCK SYSTEM



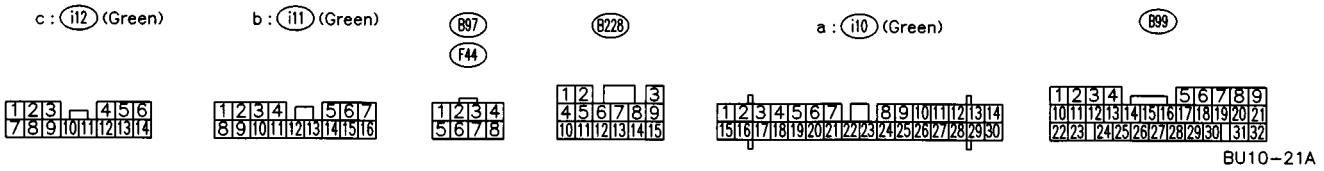
M: ENGINE ELECTRICAL SYSTEM

1. MT MODEL

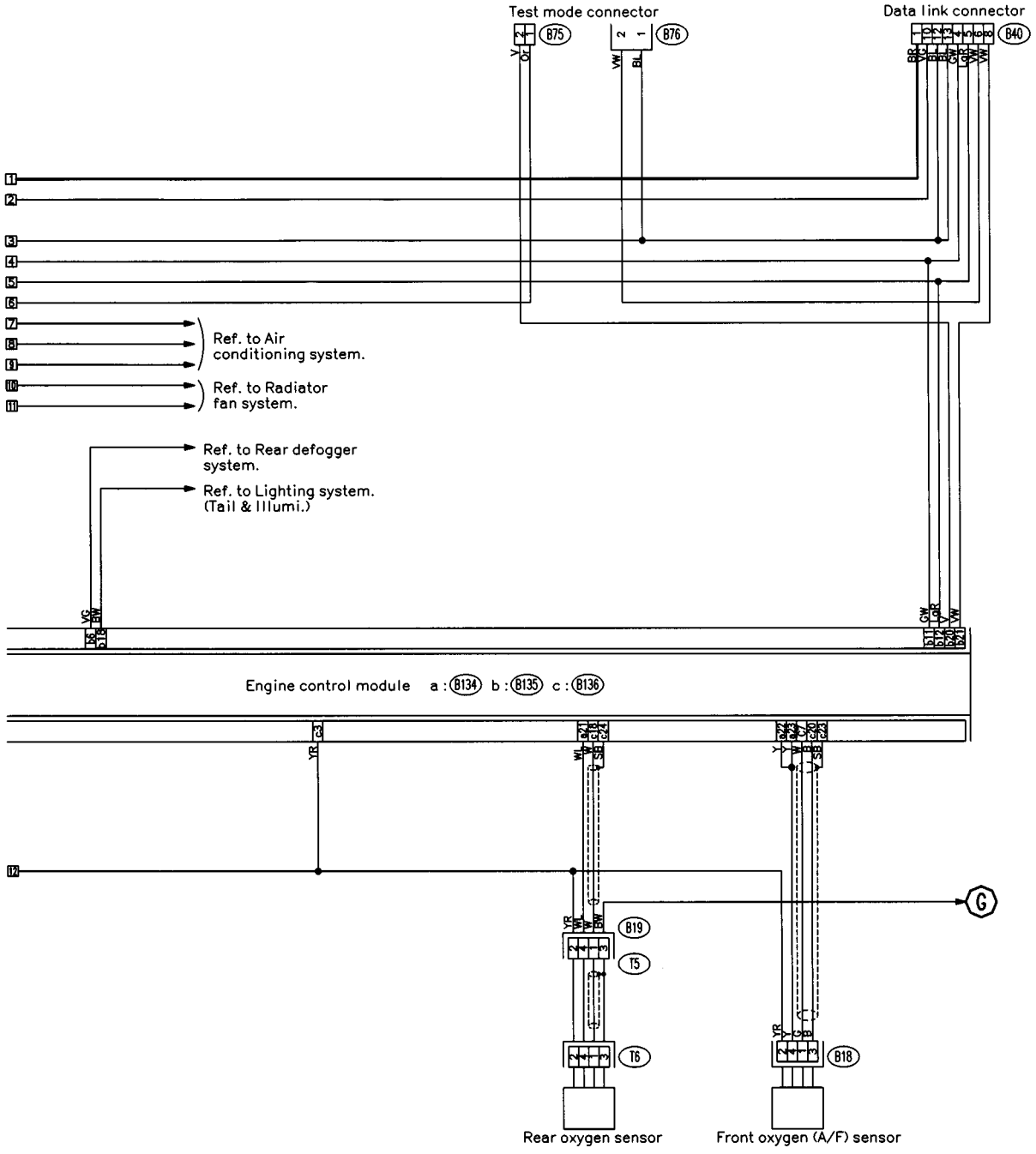


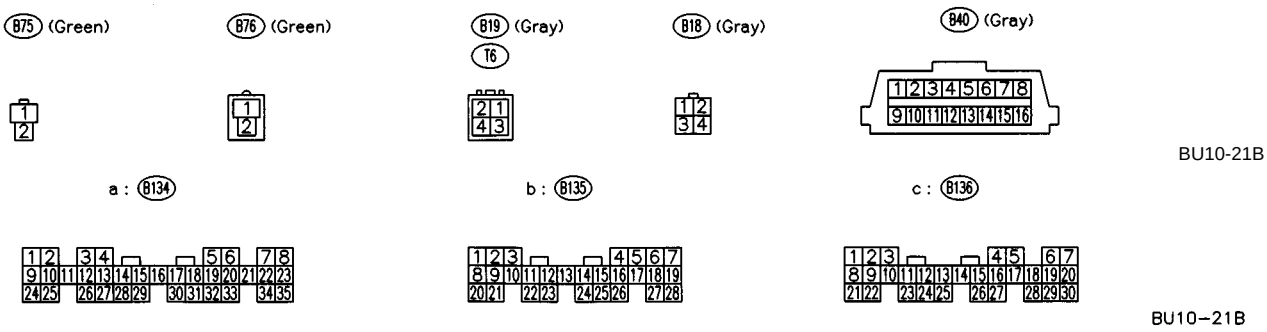


BU10-21A



BU10−21A

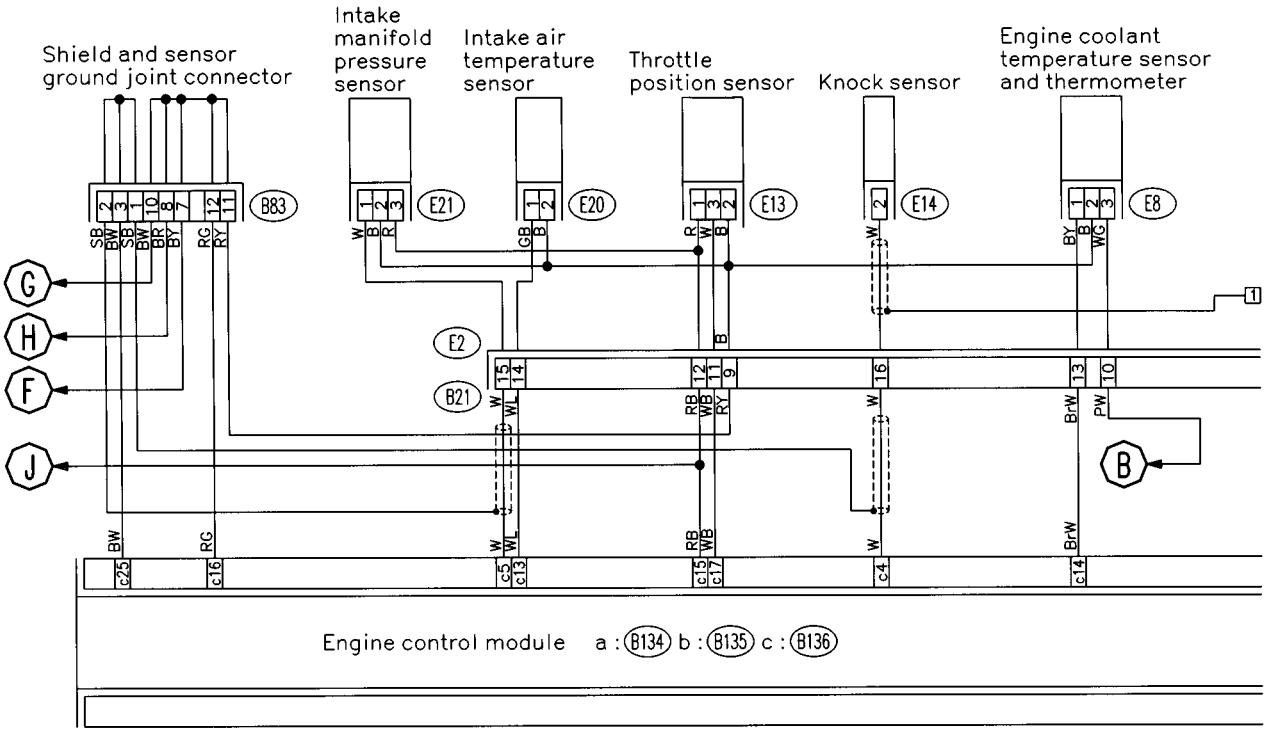




BU10-21B

BU10-21B

WIRING DIAGRAM



E14 (Gray)
E20 (Black)

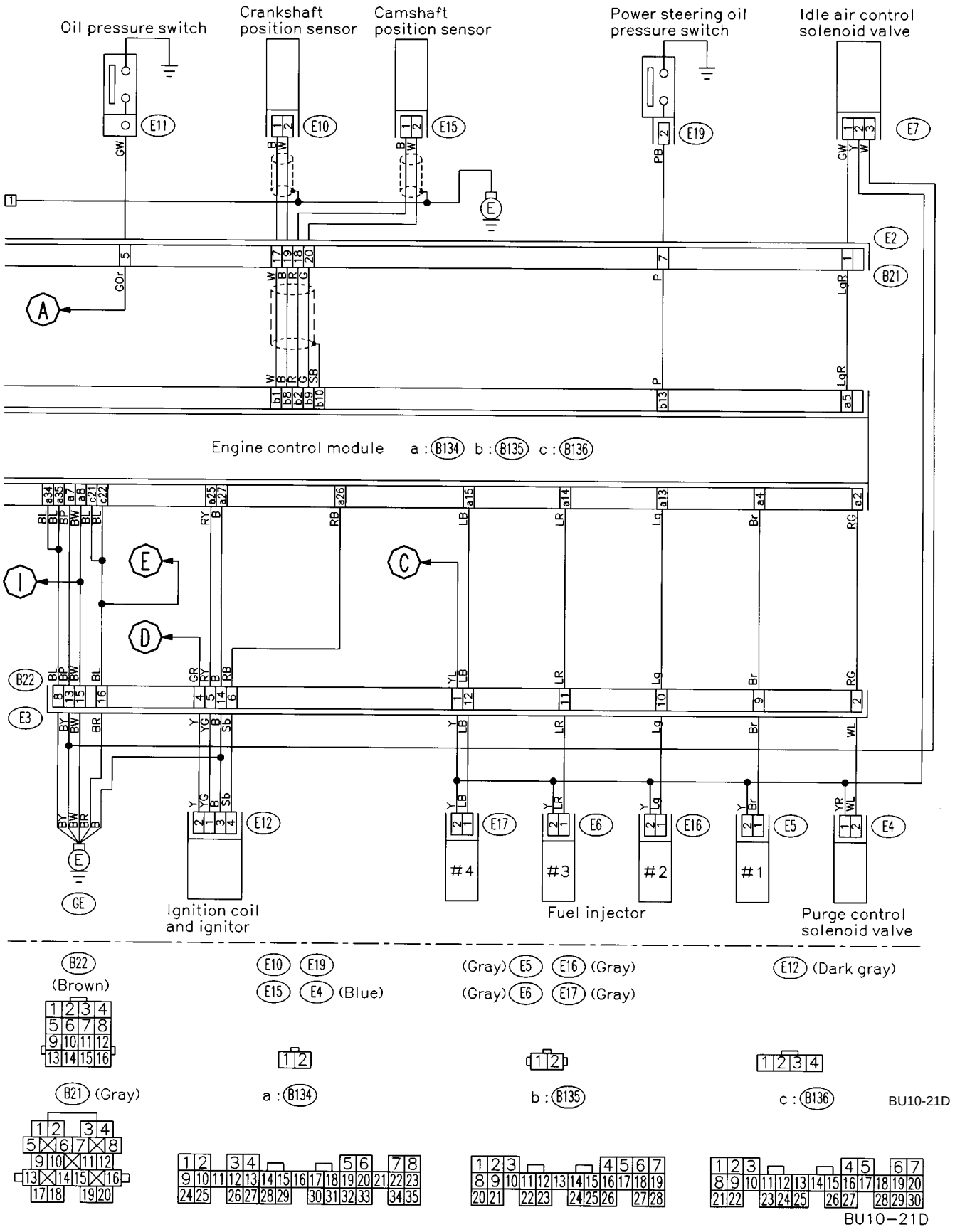
E13
E21
E7 (Gray)

E8

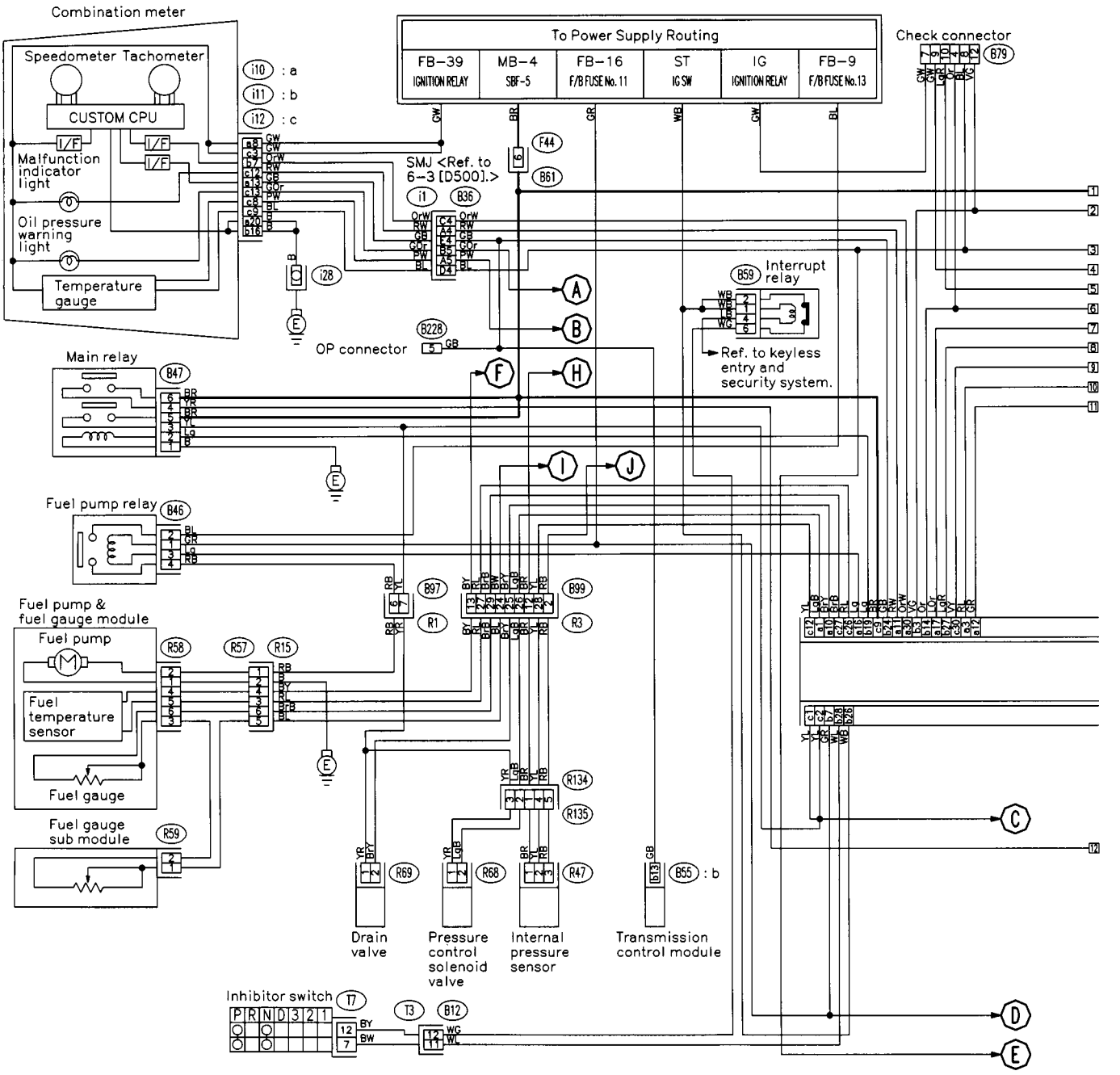
B83 (Blue)

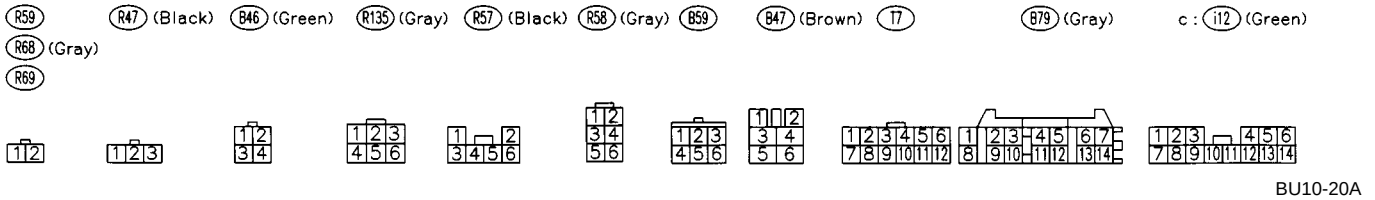
BU10-21C

BU10−21C

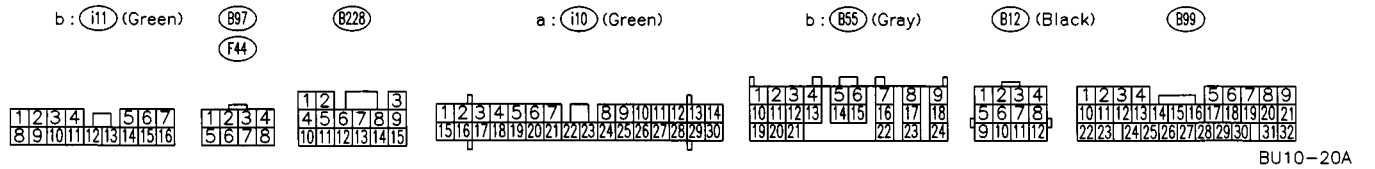

Oil pressure switch
Crankshaft position sensor
Camshaft position sensor
Power steering oil pressure switch
Idle air control solenoid valve
Engine control module a : B134 b : B135 c : B136
Ignition coil and ignitor
Fuel injector
Purge control solenoid valve
B22 (Brown)
E10 E19 E15 E4 (Blue)
(Gray) E5 E16 (Gray) (Gray) E6 E17 (Gray)
E12 (Dark gray)
B21 (Gray)
a : B134
b : B135
c : B136
BU10-21D
BU10−21D

2. AT MODEL

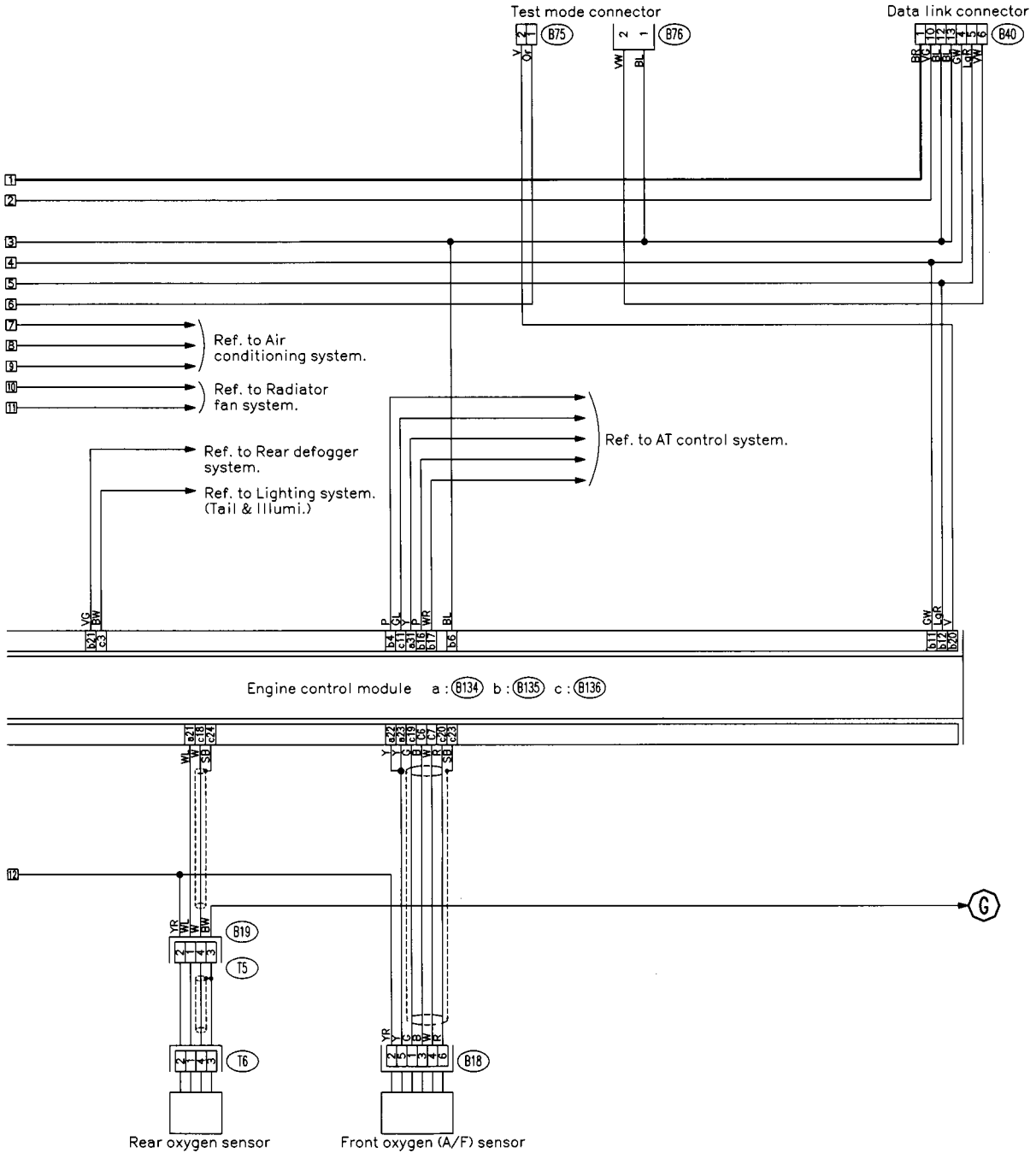


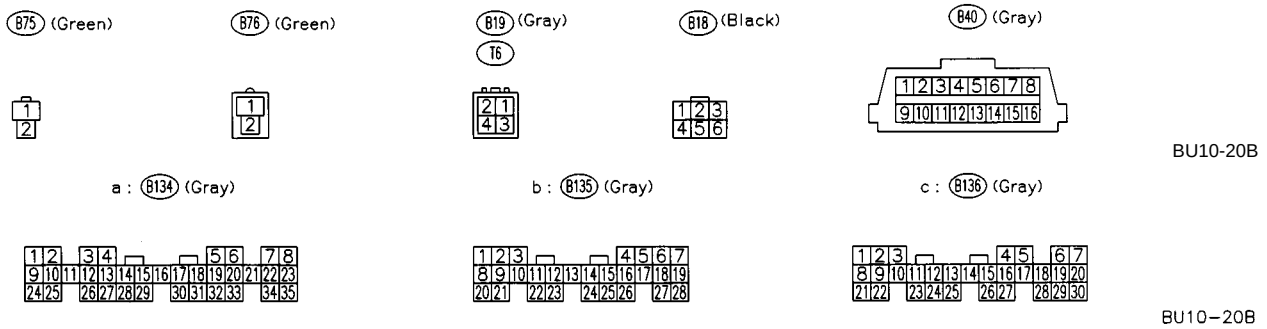


BU10-20A

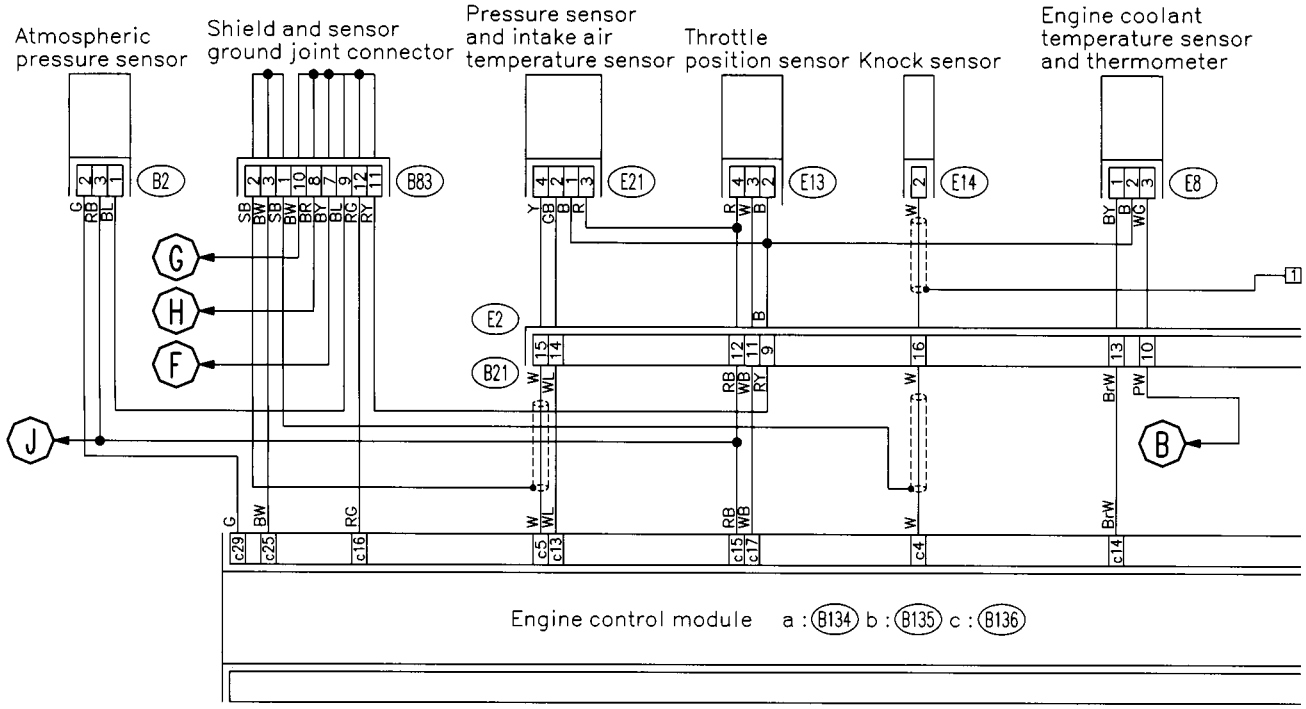


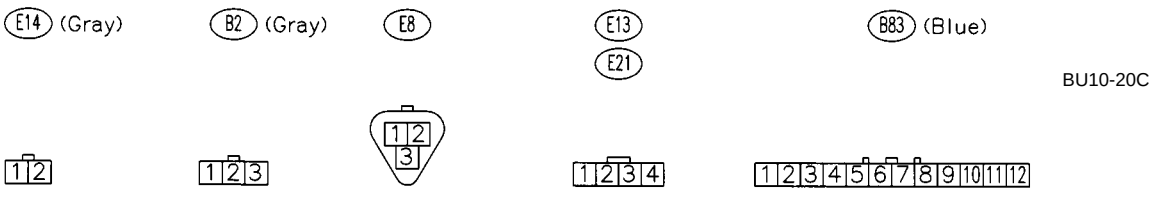
BU10−20A

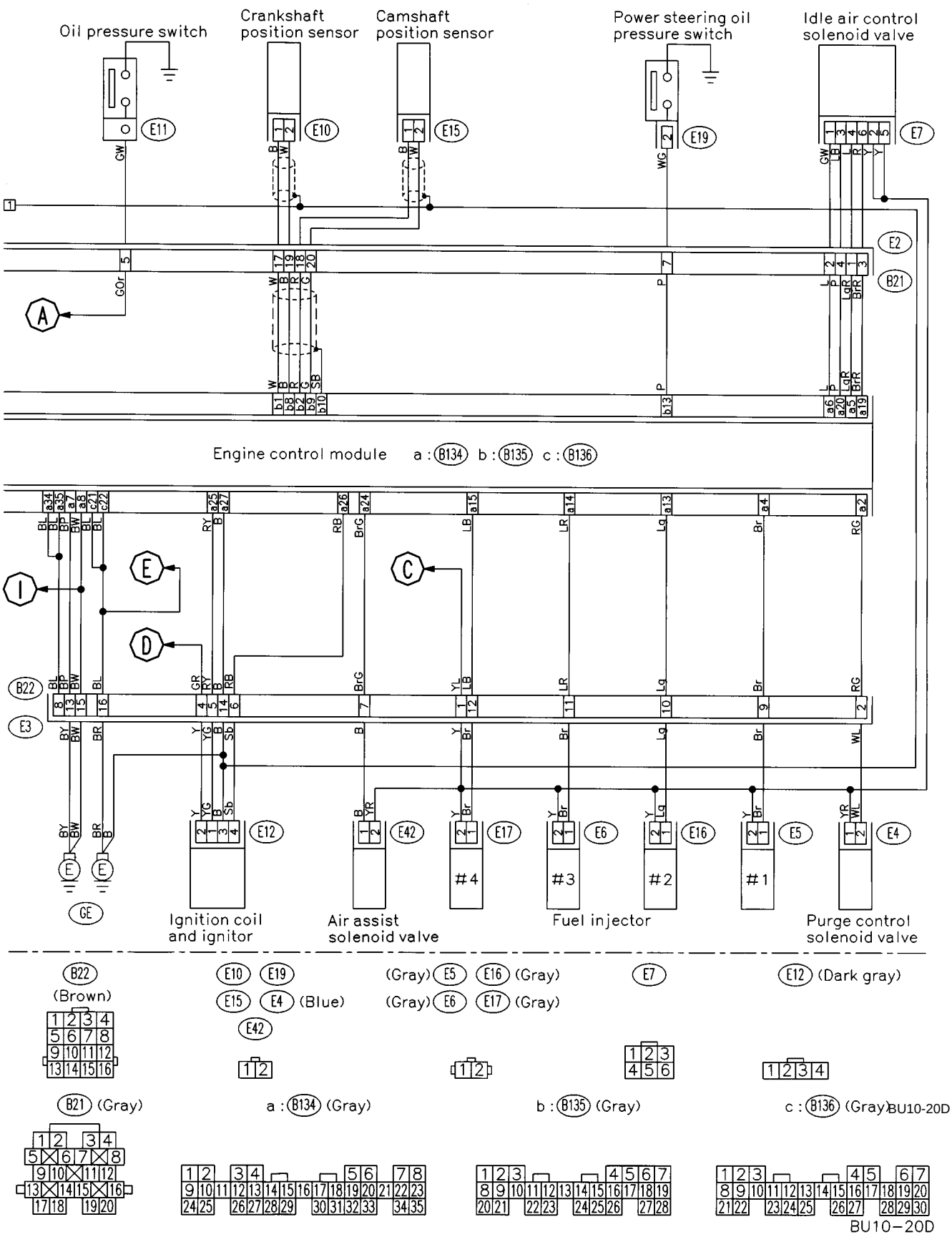

Test mode connector
B75
B76
Data link connector
B40
Ref. to Air conditioning system.
Ref. to Radiator fan system.
Ref. to AT control system.
Ref. to Rear defogger system.
Ref. to Lighting system. (Tail & Illumi.)
Engine control module a : B134 b : B135 c : B136
B19
T5
T6
B18
Rear oxygen sensor
Front oxygen (A/F) sensor


B75 (Green)
B76 (Green)
B19 (Gray)
T6
B18 (Black)
B40 (Gray)
BU10-20B
a : B134 (Gray)
b : B135 (Gray)
c : B136 (Gray)
BU10−20B

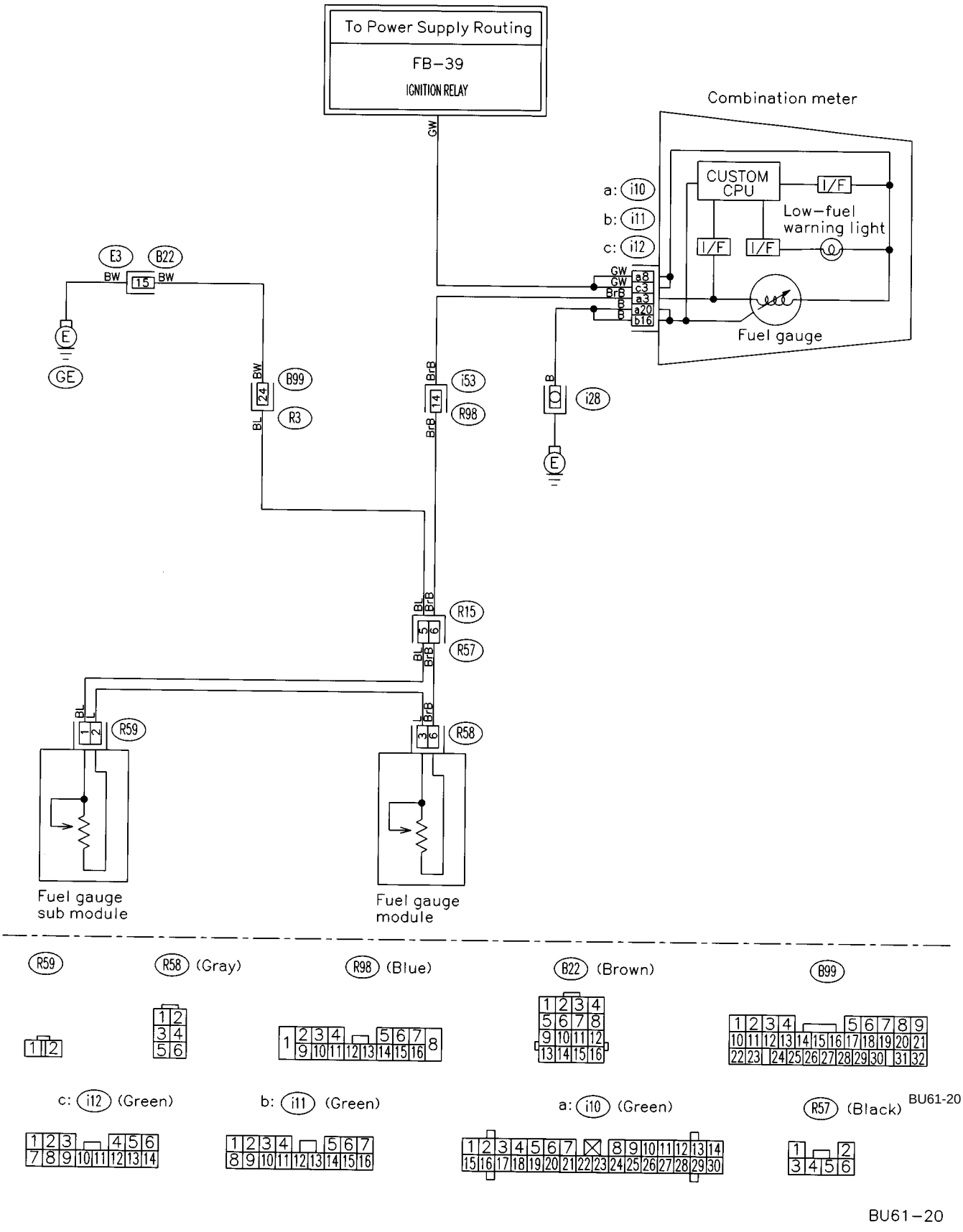
WIRING DIAGRAM



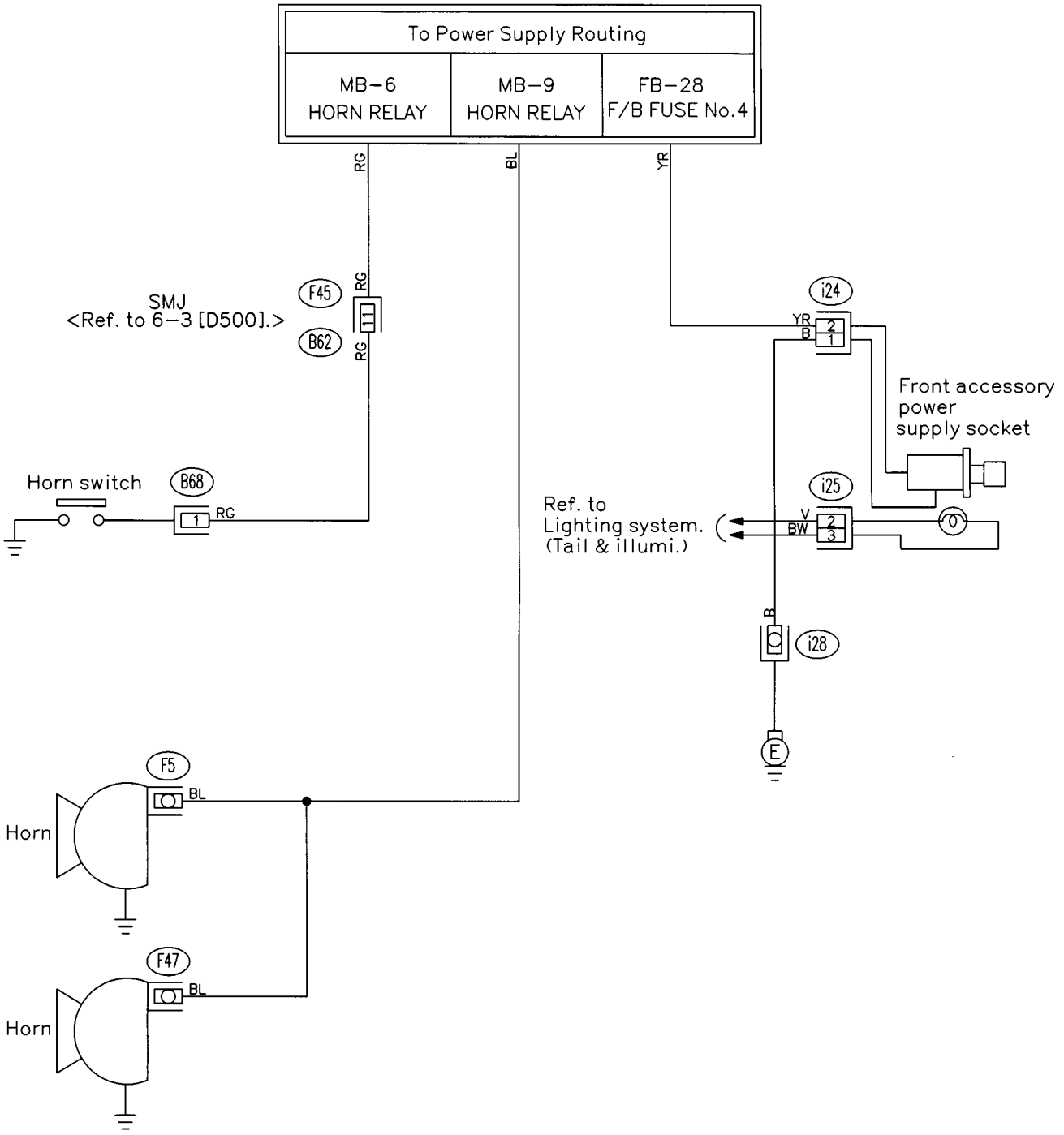



Oil pressure switch
Crankshaft position sensor
Camshaft position sensor
Power steering oil pressure switch
Idle air control solenoid valve
Engine control module a : B134 b : B135 c : B136
Ignition coil and ignitor
Air assist solenoid valve
Fuel injector
Purge control solenoid valve
#1
#2
#3
#4
B22 (Brown)
E10 E19 E15 E4 (Blue) E42
(Gray) E5 E16 (Gray) (Gray) E6 E17 (Gray)
E7
E12 (Dark gray)
B21 (Gray)
a : B134 (Gray)
b : B135 (Gray)
c : B136 (Gray)
BU10-20D
BU10−20D

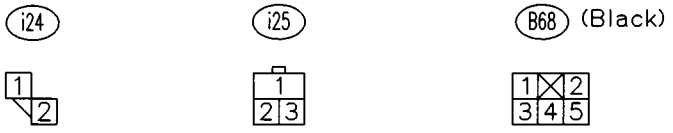
N: FUEL GAUGE SYSTEM



O: HORN AND FRONT ACCESSORY POWER SUPPLY SYSTEM

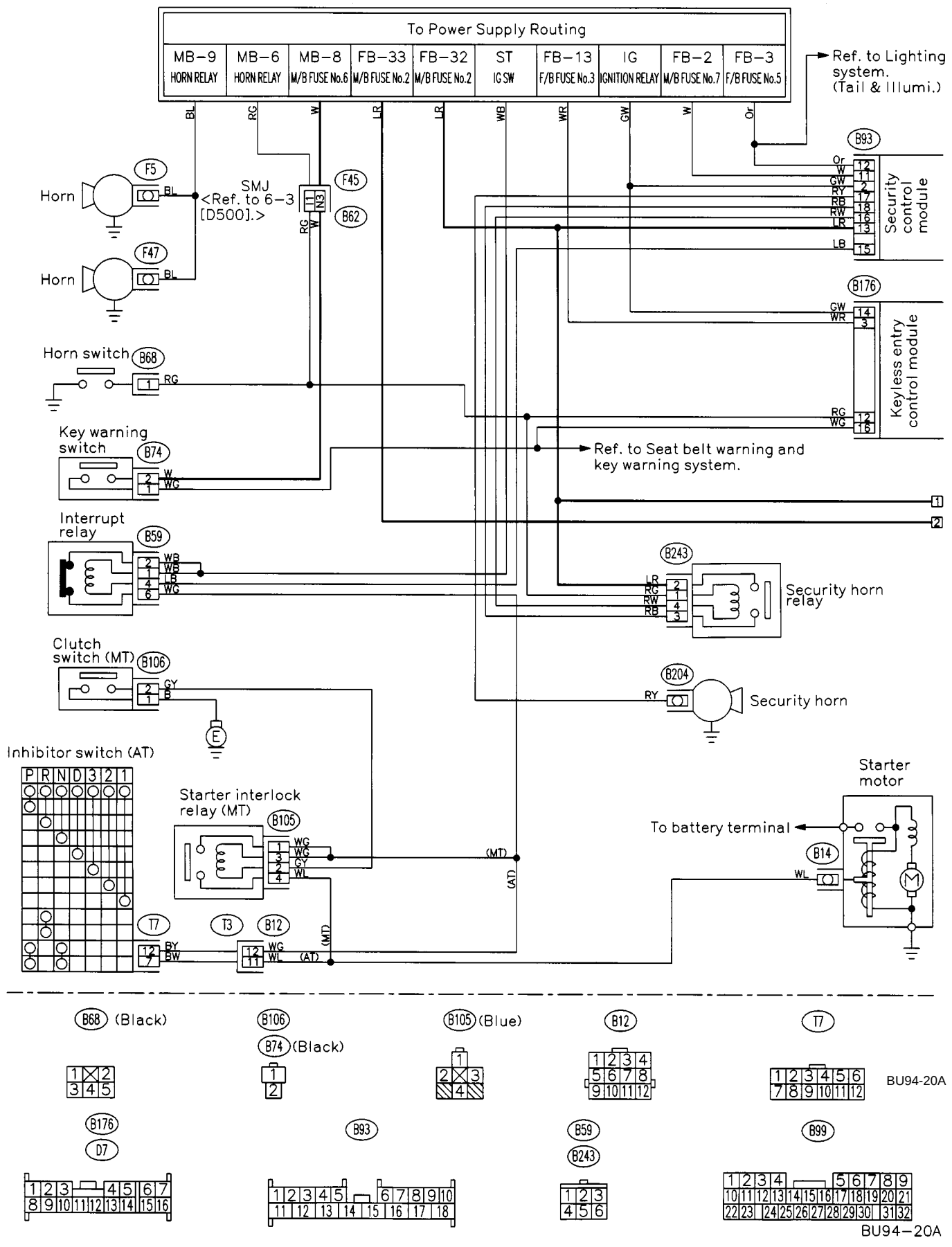


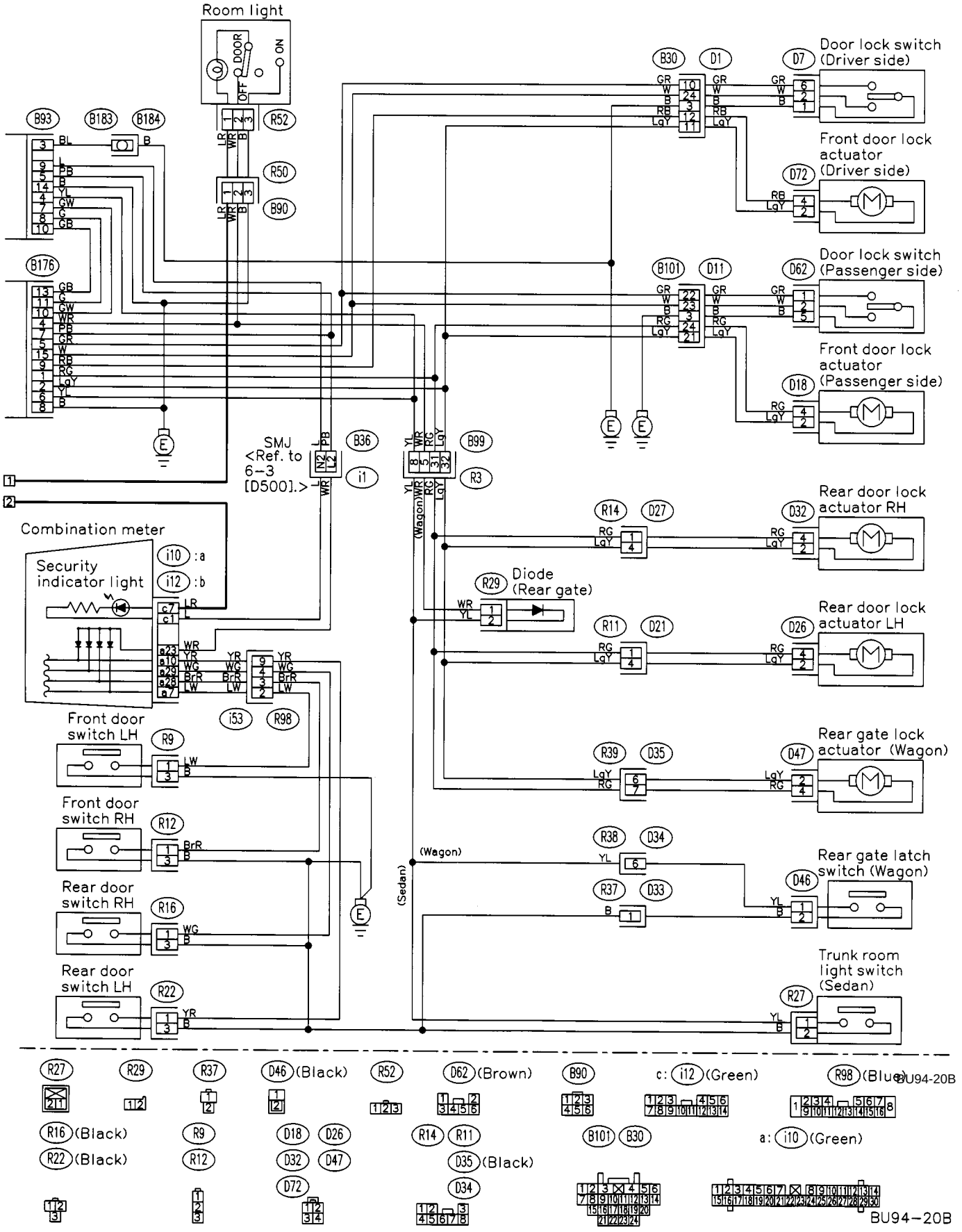
BU74-20



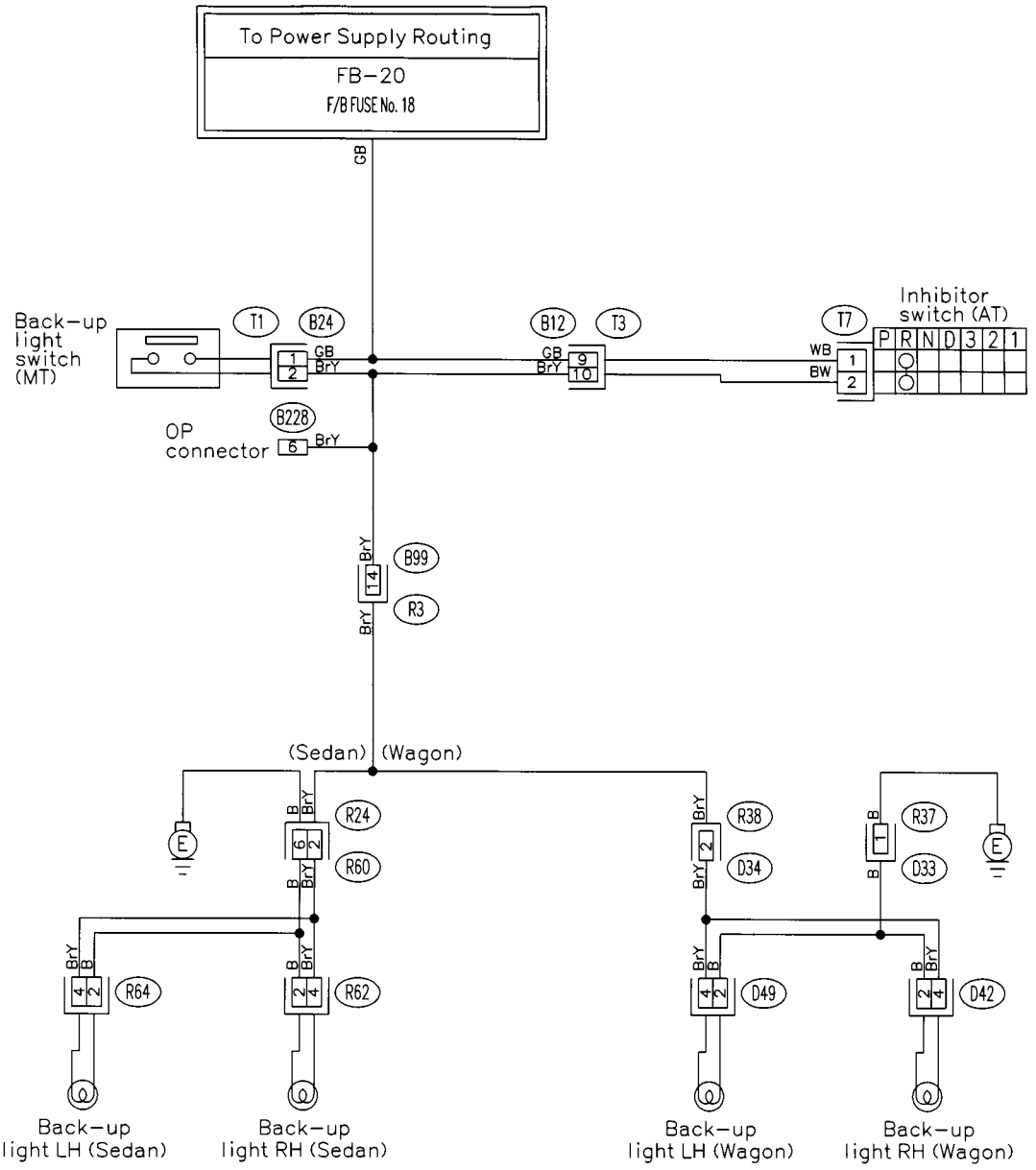
BU74−20

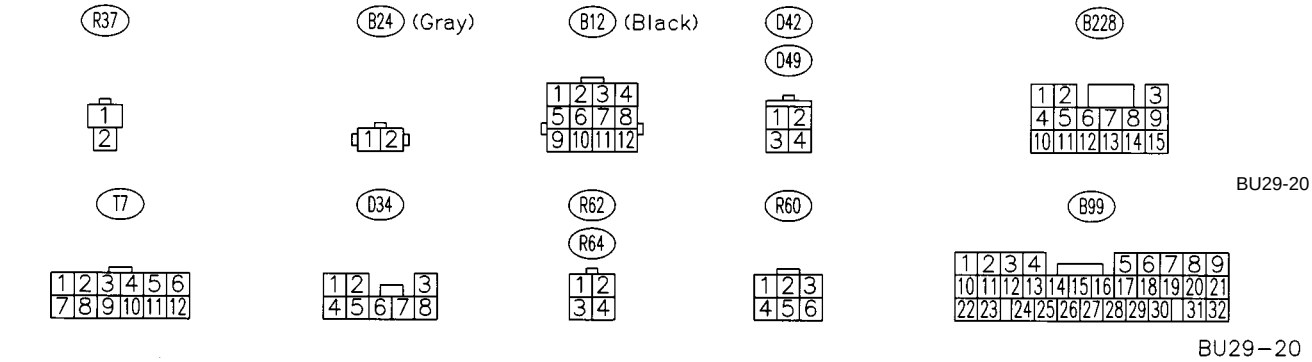
P: KEYLESS ENTRY AND SECURITY SYSTEM




Room light
DOOR
ON
OFF
Door lock switch (Driver side)
Front door lock actuator (Driver side)
Door lock switch (Passenger side)
Front door lock actuator (Passenger side)
Rear door lock actuator RH
Rear door lock actuator LH
Rear gate lock actuator (Wagon)
Rear gate latch switch (Wagon)
Trunk room light switch (Sedan)
Diode (Rear gate)
SMJ
<Ref. to 6-3 [D500].>
Combination meter
Security indicator light
Front door switch LH
Front door switch RH
Rear door switch RH
Rear door switch LH
(Wagon)
(Sedan)
R27 R29 R37 D46 (Black) R52 D62 (Brown) B90 c: i12 (Green) R98 (Blue)
BU94-20B
R16 (Black) R9 D18 D26 R14 R11 B101 B30 a: i10 (Green)
R22 (Black) R12 D32 D47 D35 (Black)
D72 D34
BU94-20B

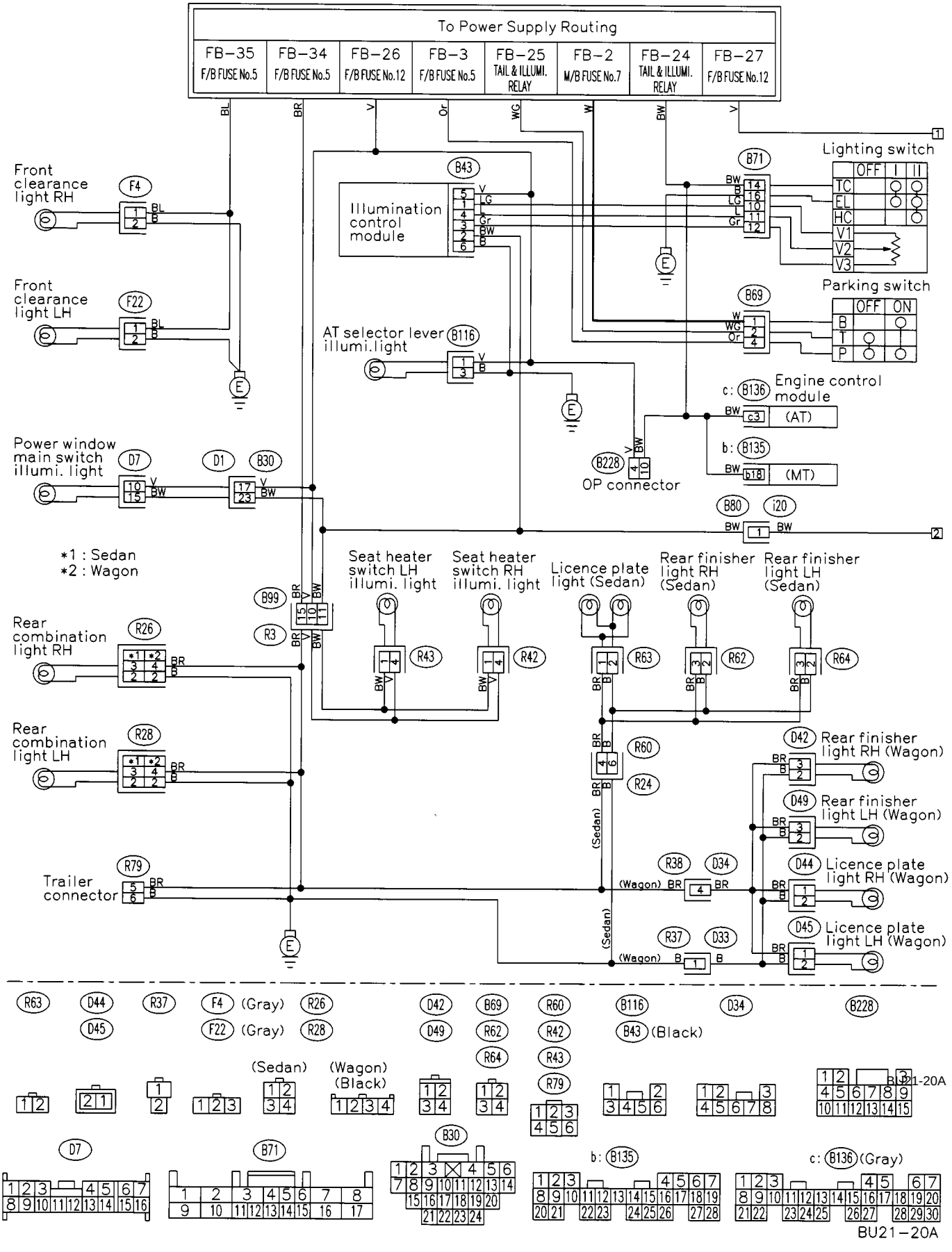
Q: LIGHTING SYSTEM (BACK-UP LIGHT)

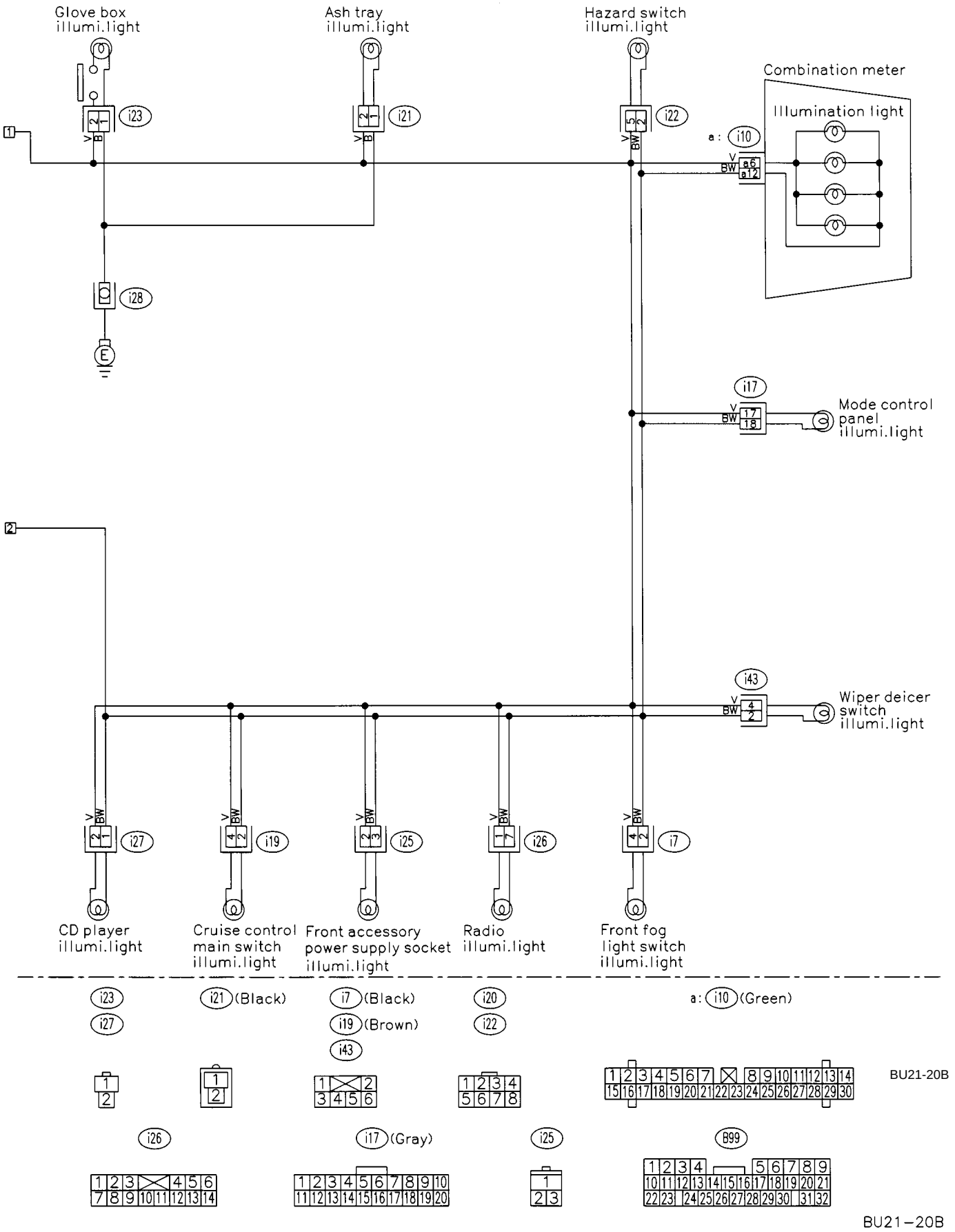




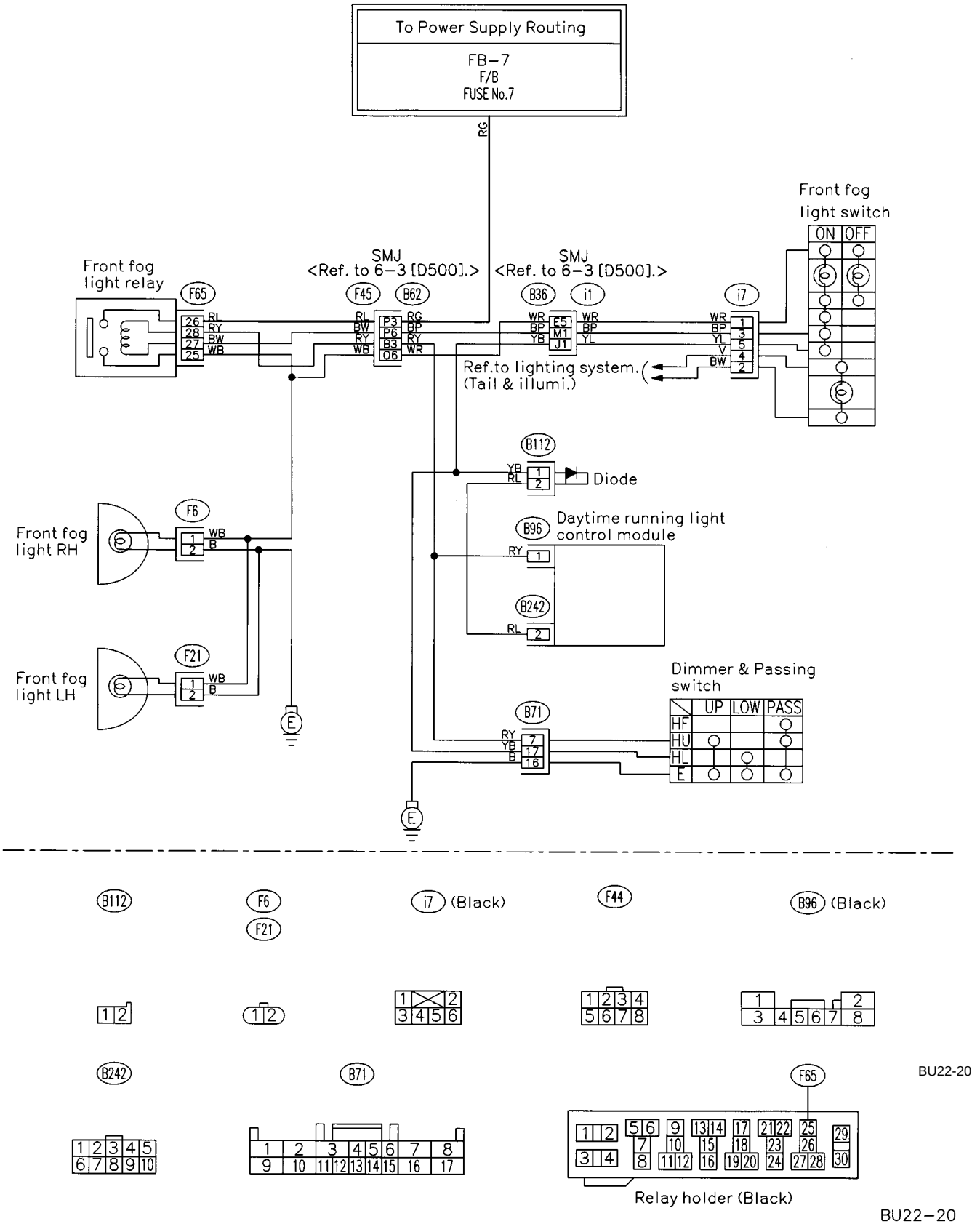
MEMO:

R: LIGHTING SYSTEM (CLEARANCE LIGHT AND ILLUMINATION LIGHT)



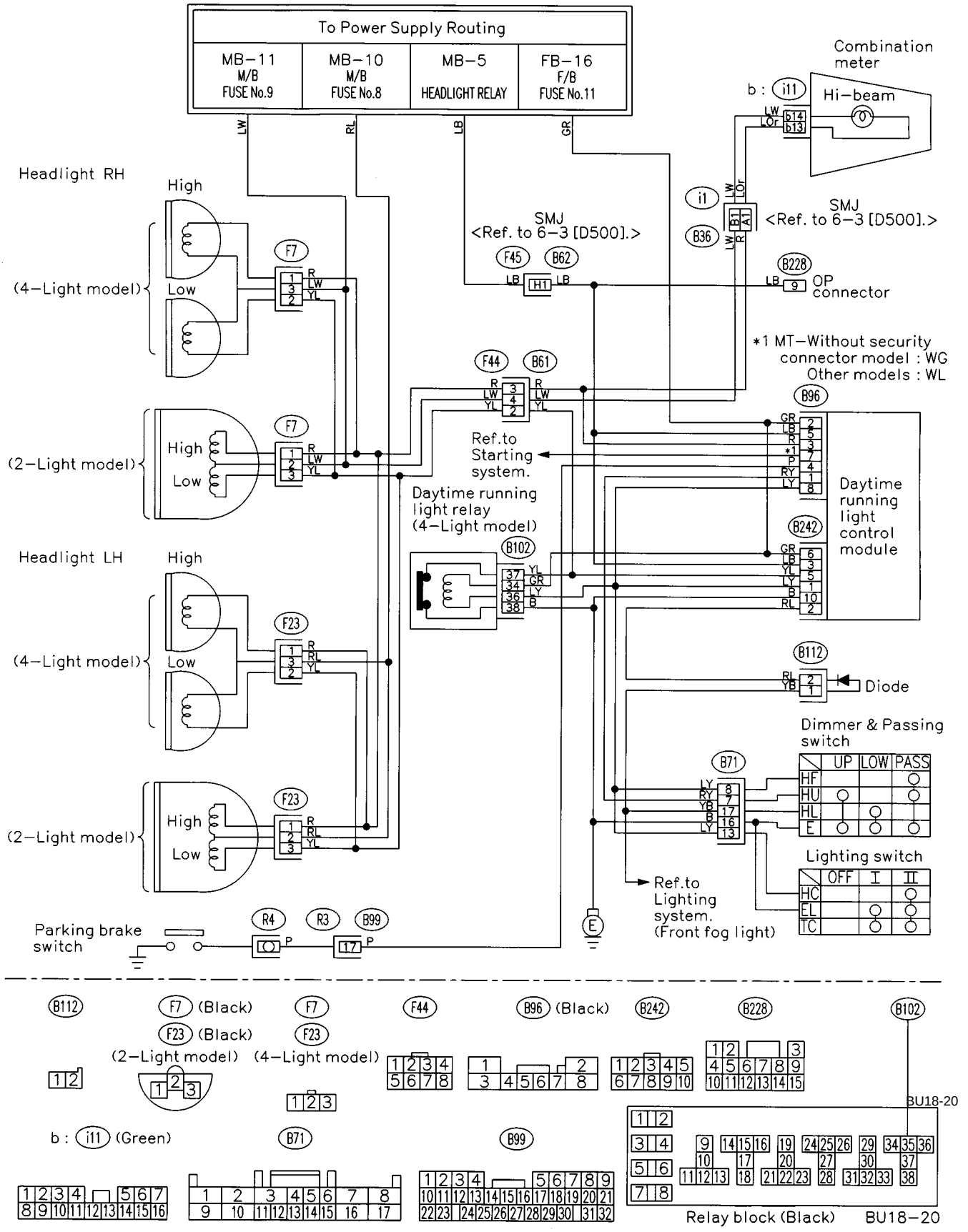

Glove box illumi.light
Ash tray illumi.light
Hazard switch illumi.light
Combination meter
Illumination light
i23
i21
i22
i10
i28
i17
Mode control panel illumi.light
i43
Wiper deicer switch illumi.light
i27
i19
i25
i26
i7
CD player illumi.light
Cruise control main switch illumi.light
Front accessory power supply socket illumi.light
Radio illumi.light
Front fog light switch illumi.light
i20
(Black)
(Brown)
(Green)
(Gray)
B99
BU21-20B
BU21−20B

S: LIGHTING SYSTEM (FRONT FOG LIGHT)

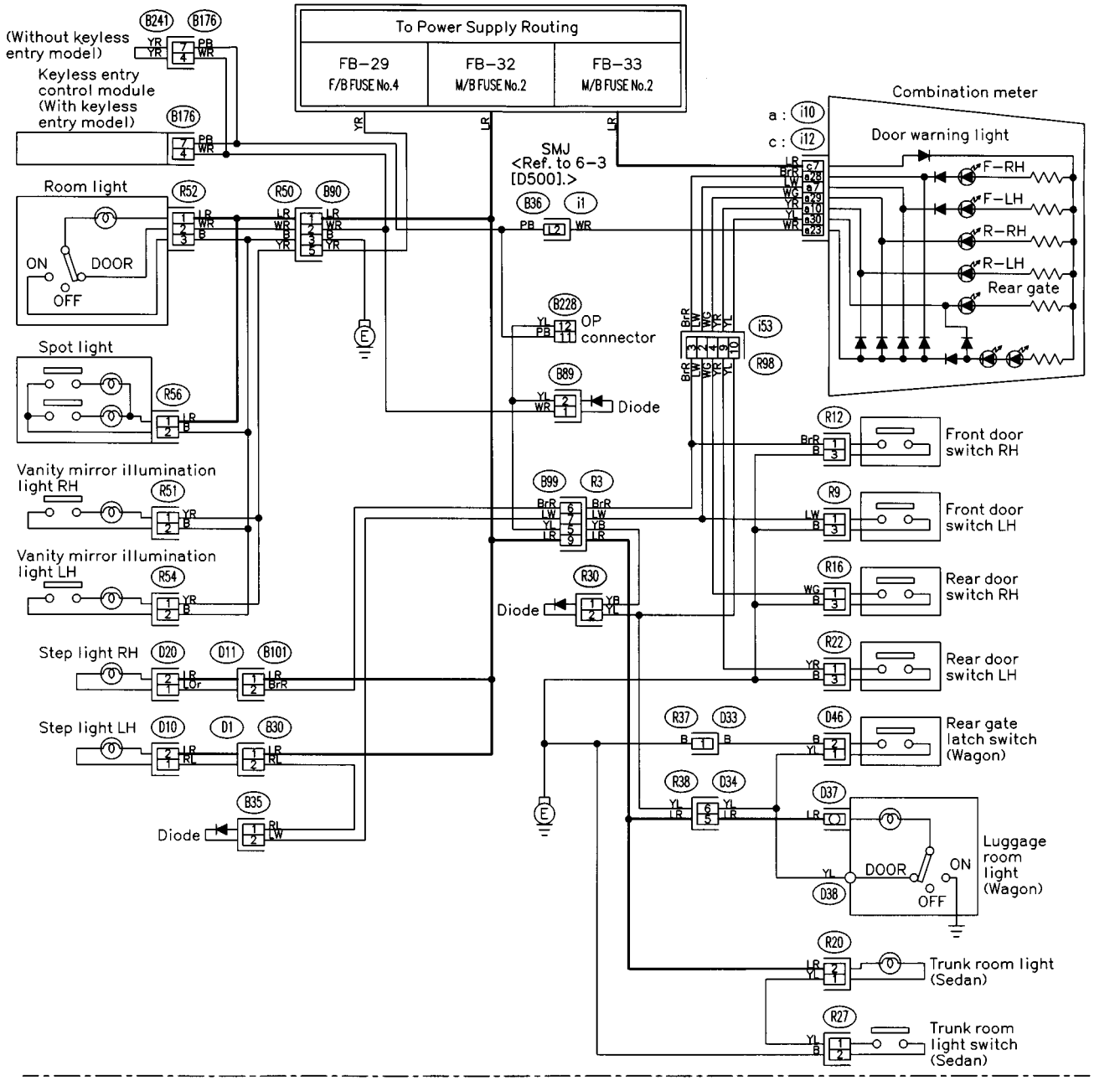


BU22−20

T: LIGHTING SYSTEM (HEADLIGHT)

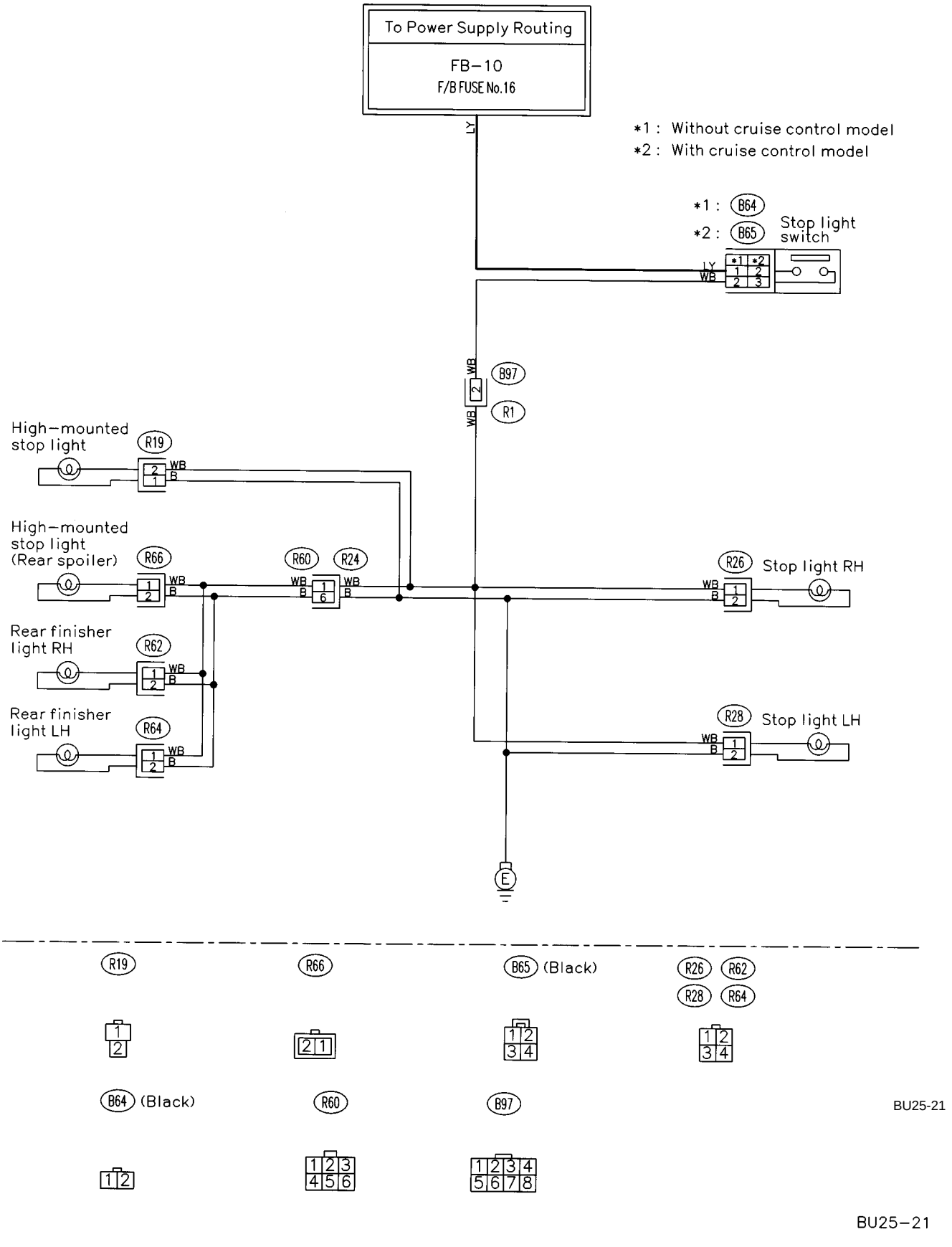


U: LIGHTING SYSTEM (IN COMPARTMENT)

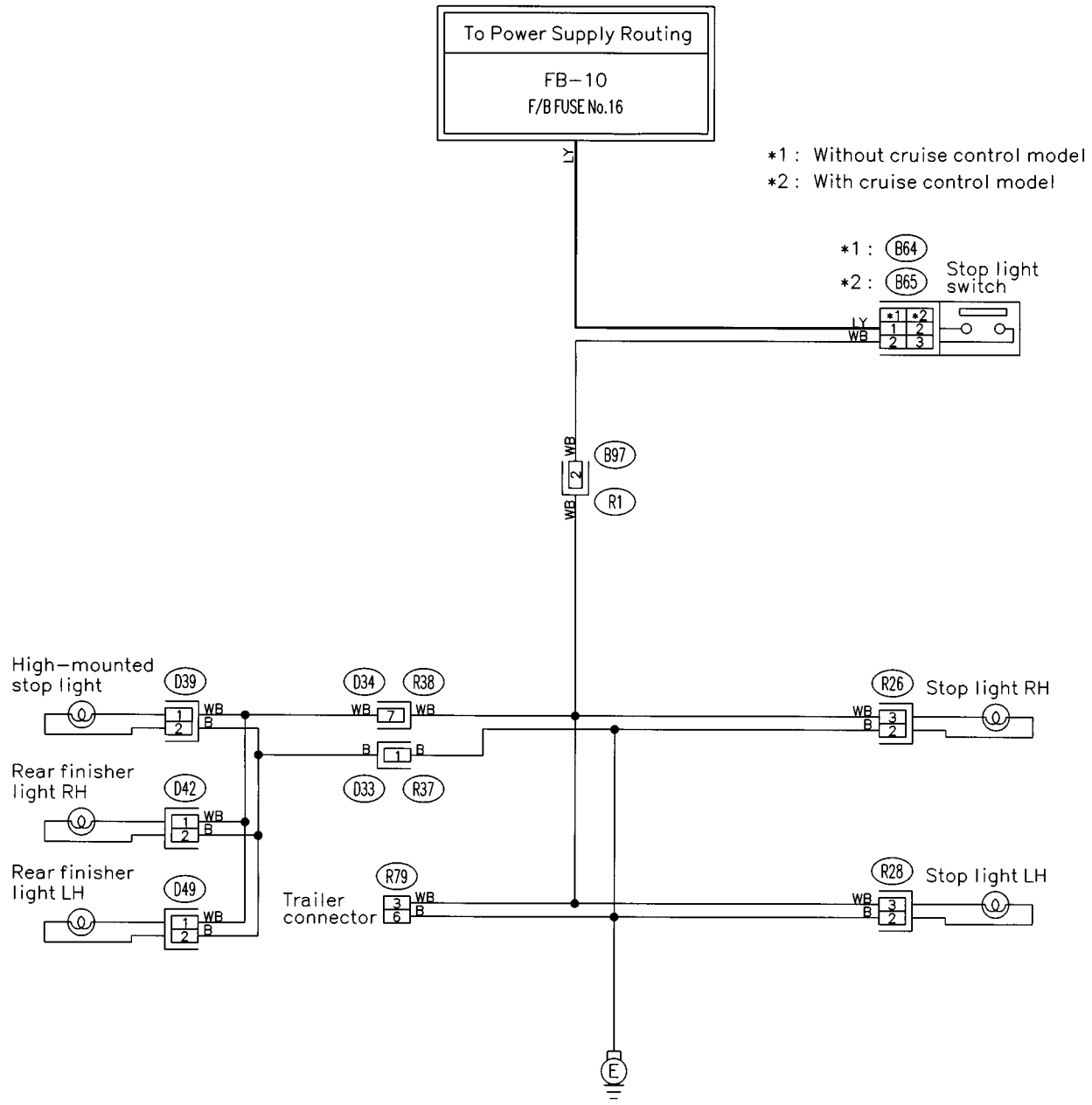


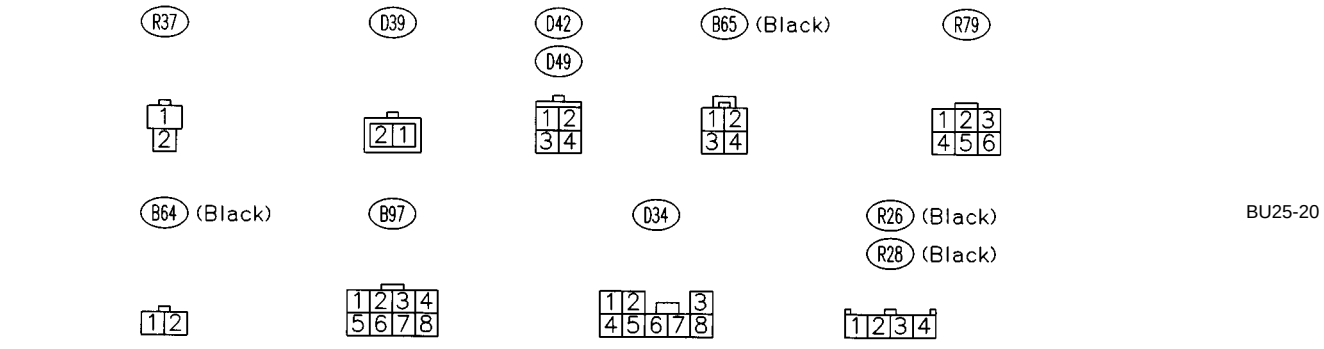
V: LIGHTING SYSTEM (STOP LIGHT)

1. SEDAN MODEL



2. WAGON MODEL

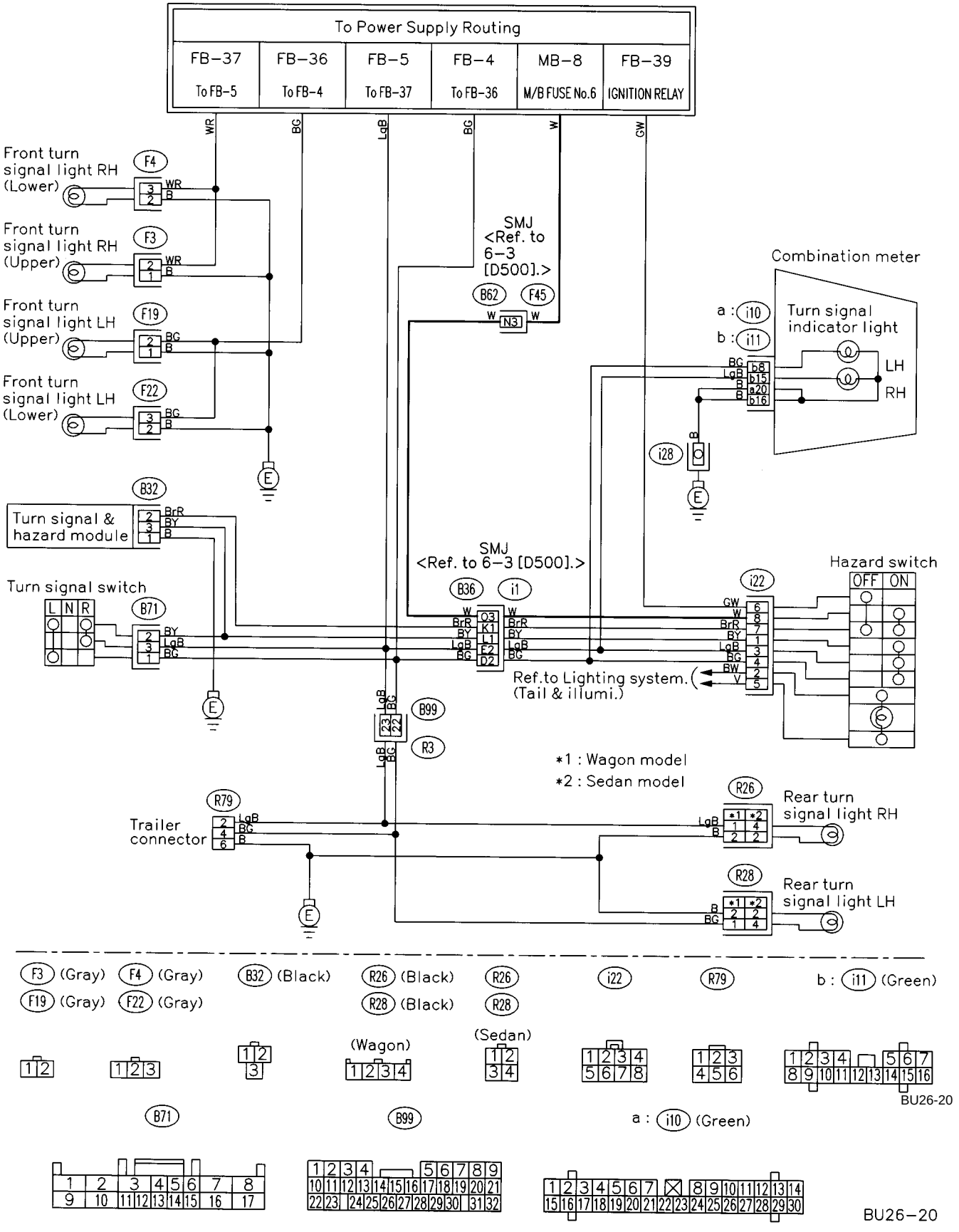




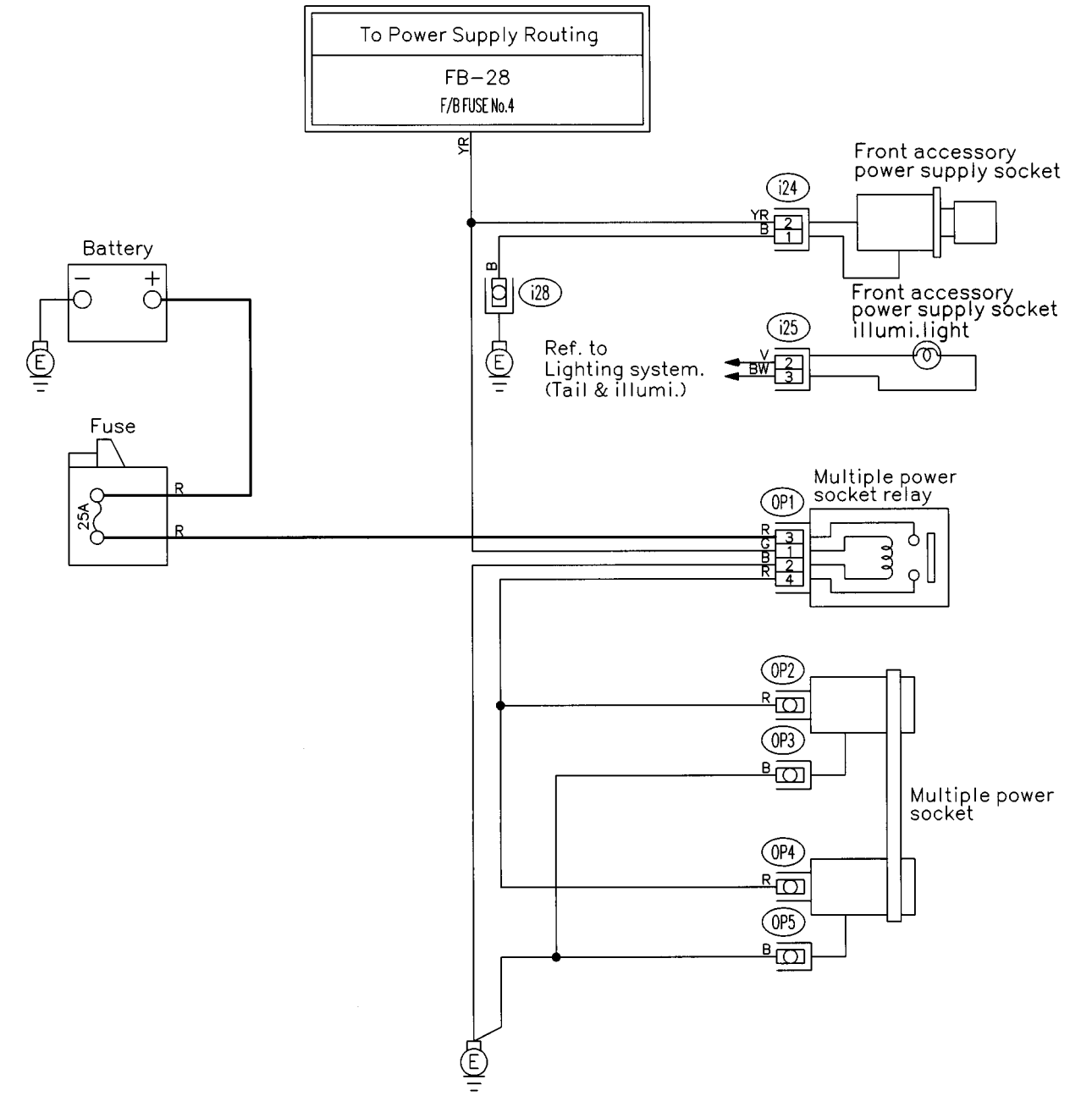
BU25-20

BU25−20

W: LIGHTING SYSTEM (TURN SIGNAL LIGHT AND HAZARD LIGHT)



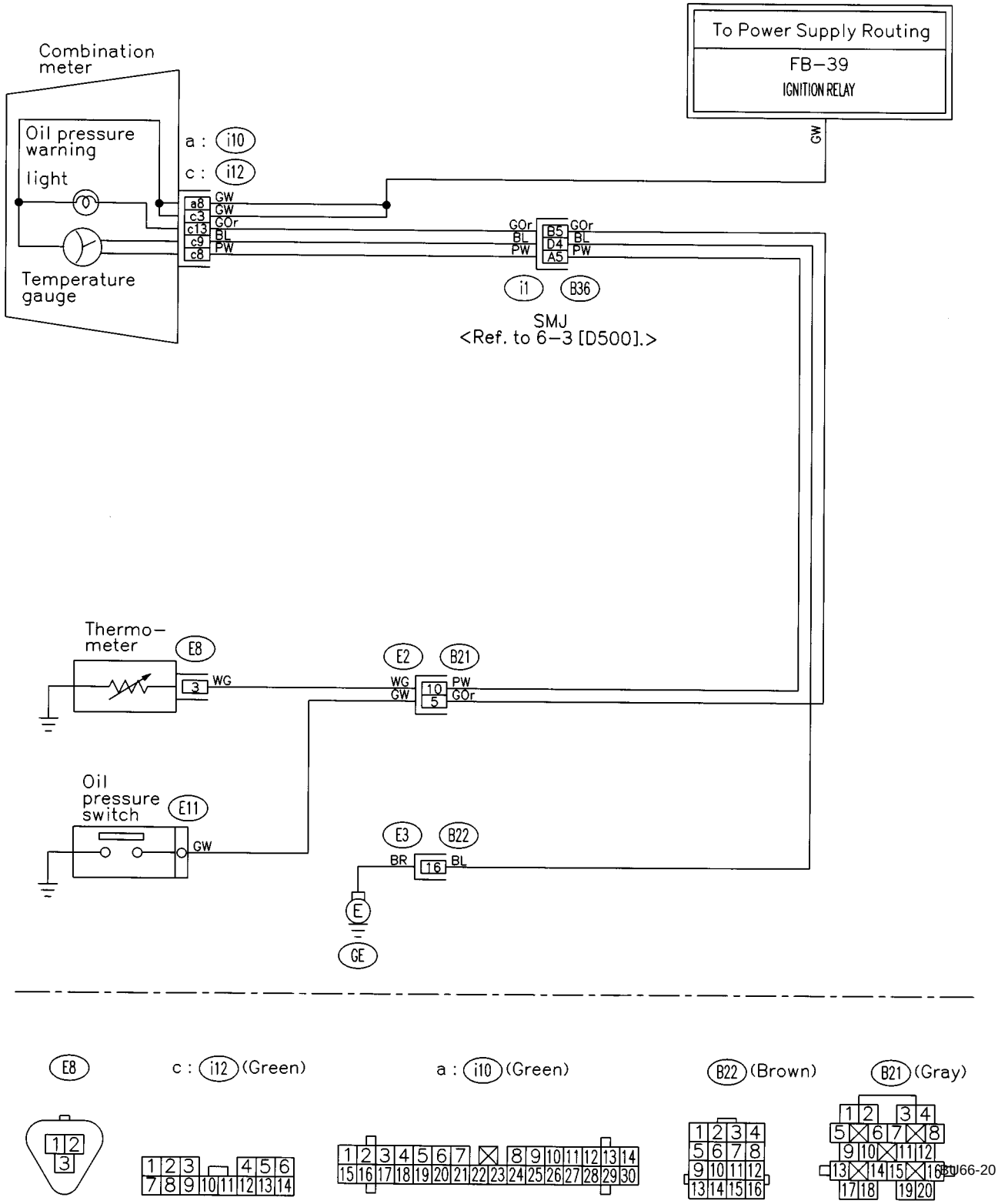
X: MULTIPLE POWER SOCKET SYSTEM (OPTION)



BU92-20

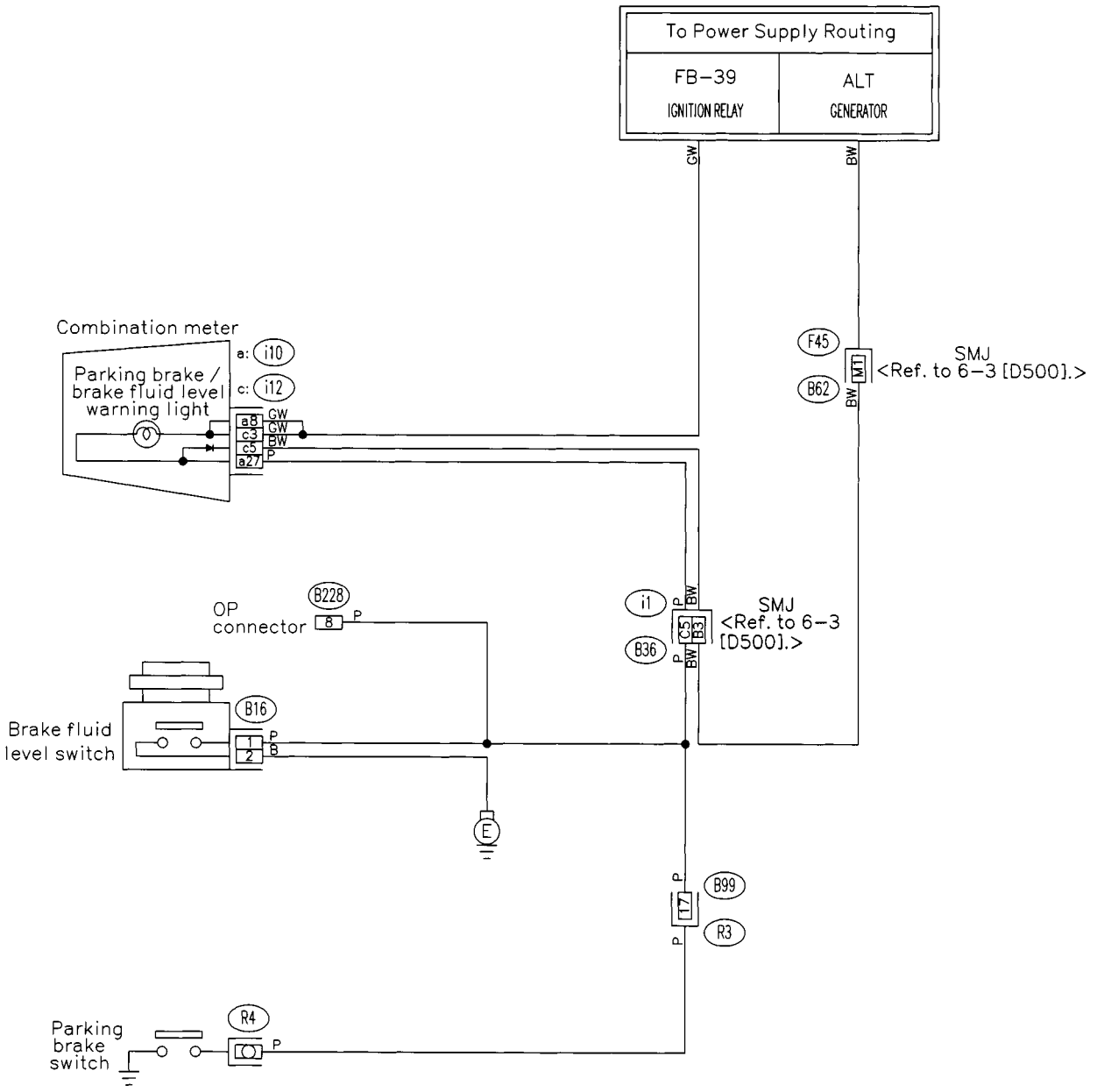
BU92−20

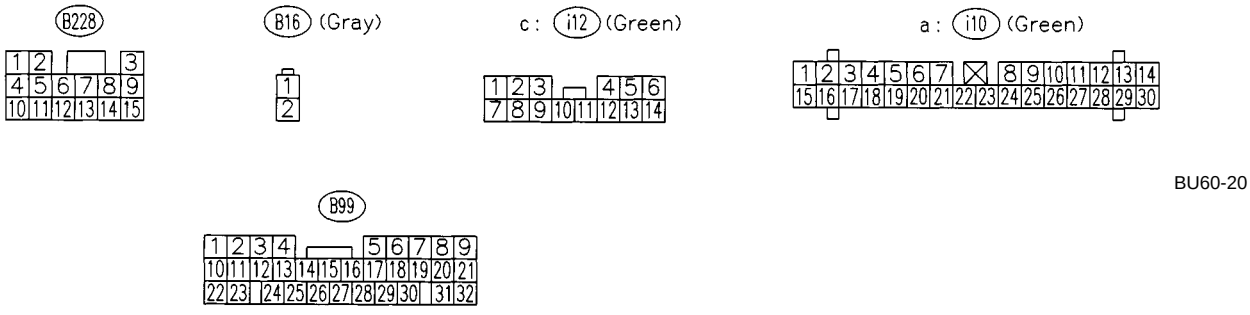
Y: OIL PRESSURE AND TEMPERATURE GAUGE SYSTEM



BU66−20

Z: PARKING BRAKE AND BRAKE FLUID LEVEL WARNING SYSTEM

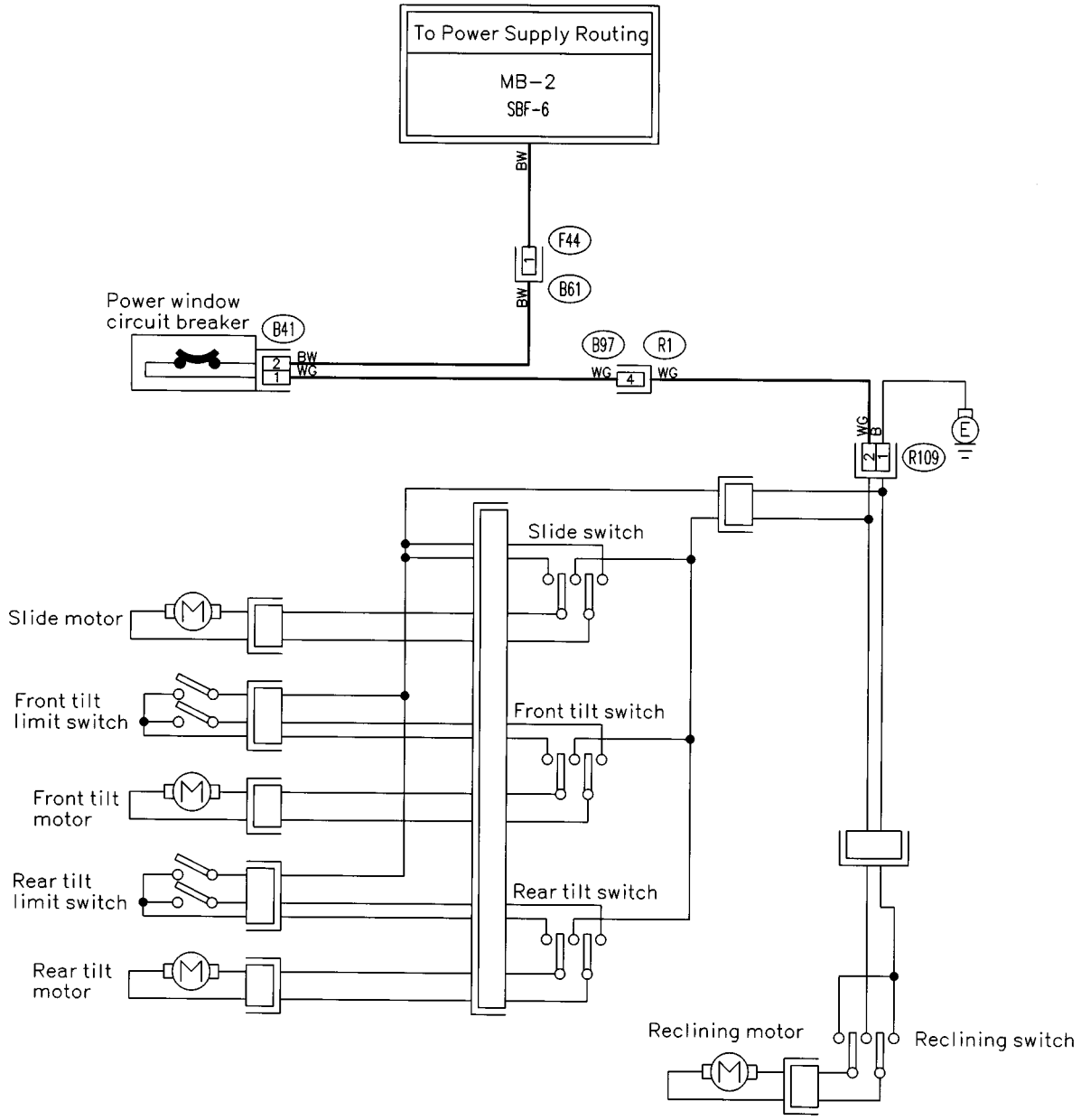


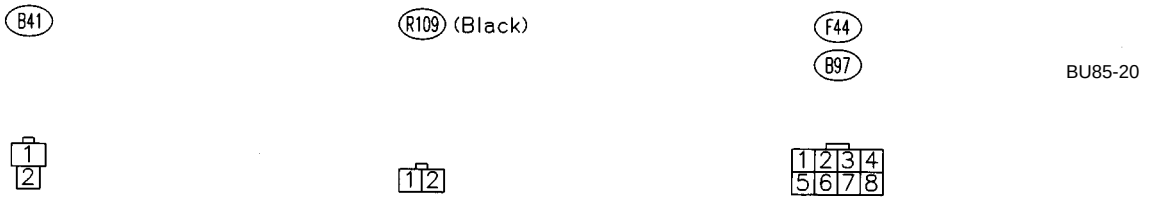


BU60-20

BU60−20

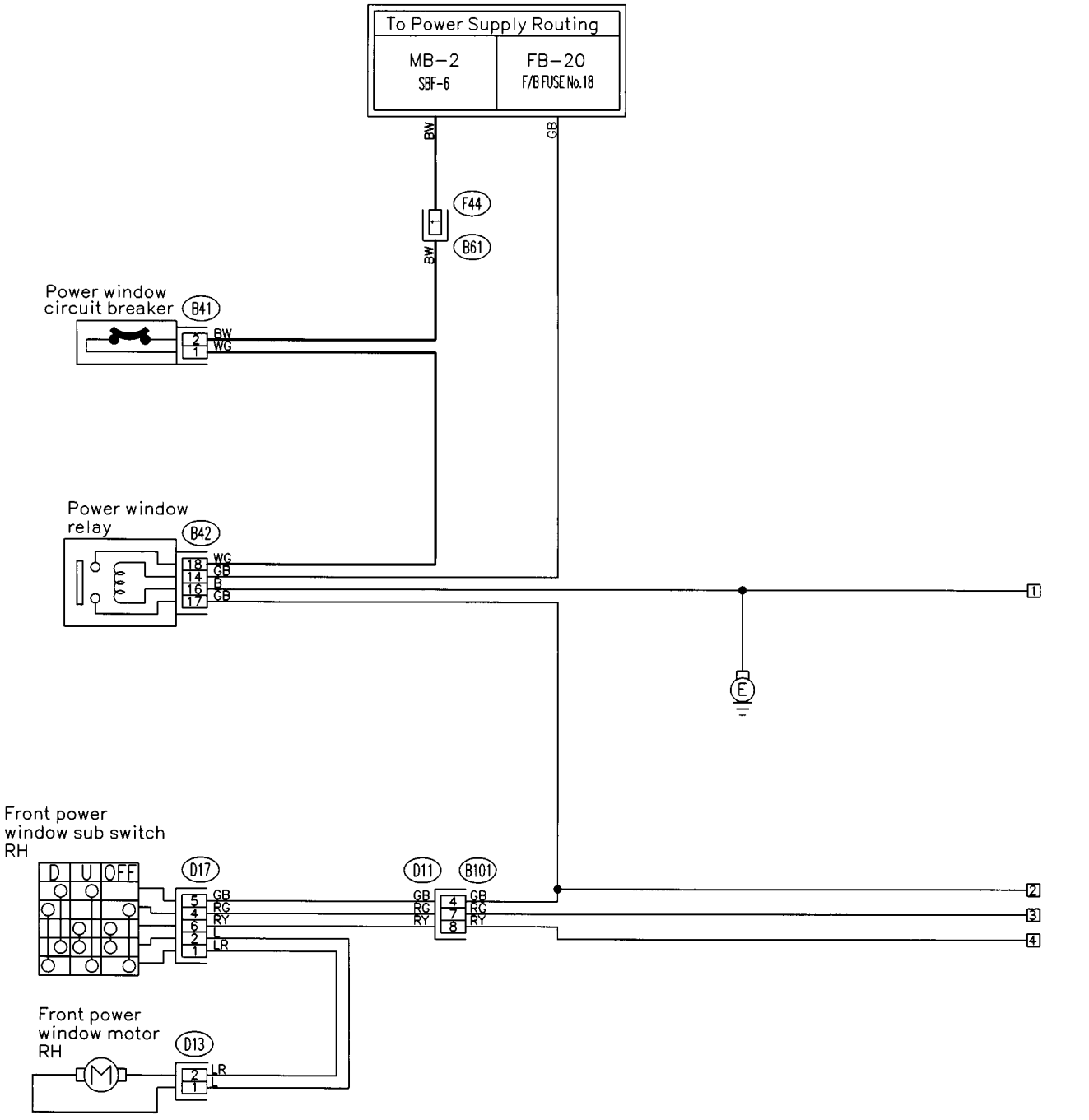
AA: POWER SEAT SYSTEM

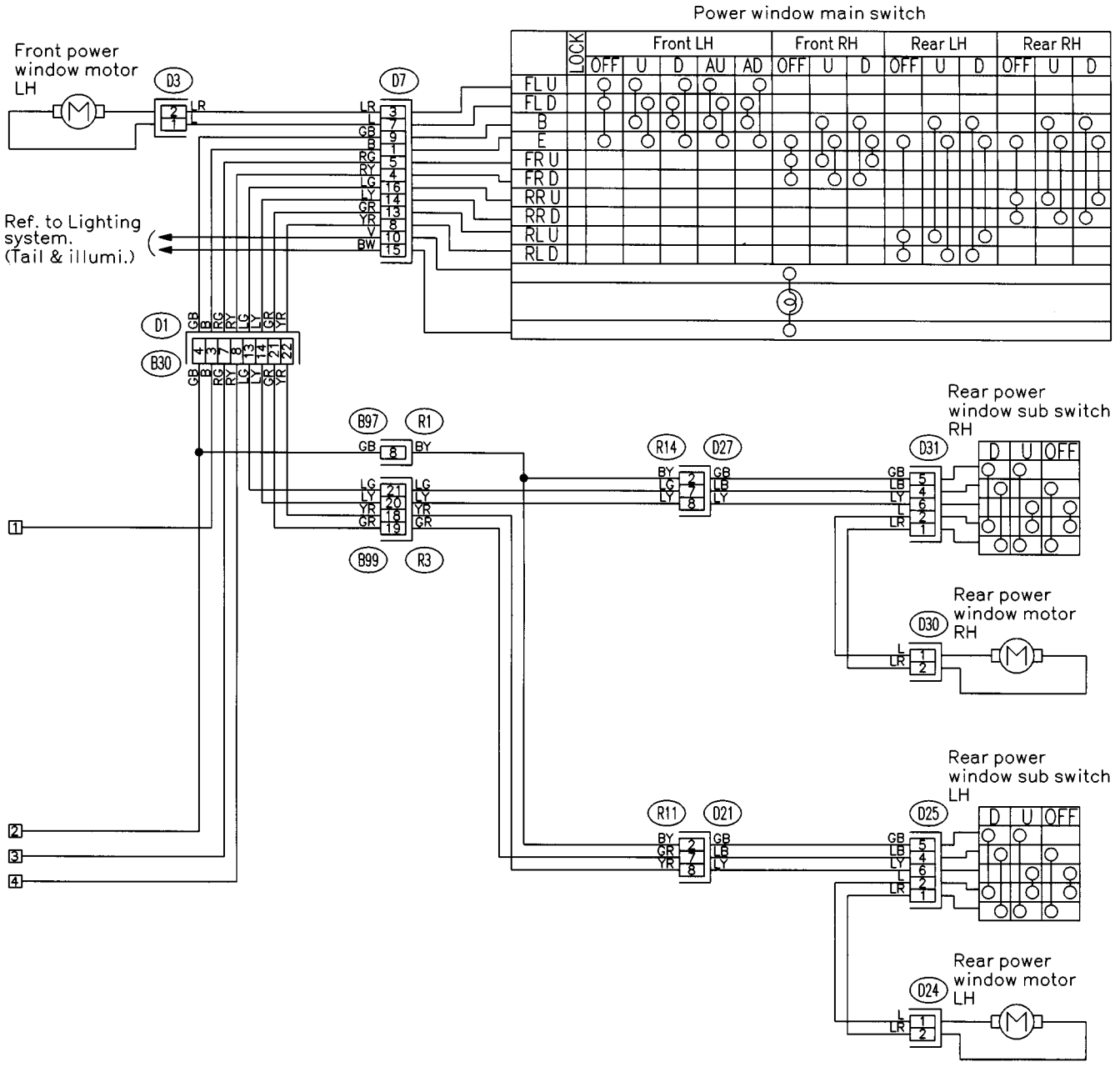


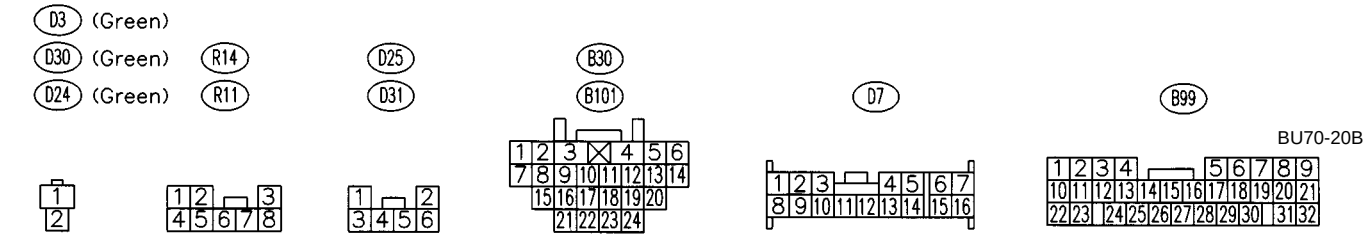


BU85−20

AB: POWER WINDOW SYSTEM



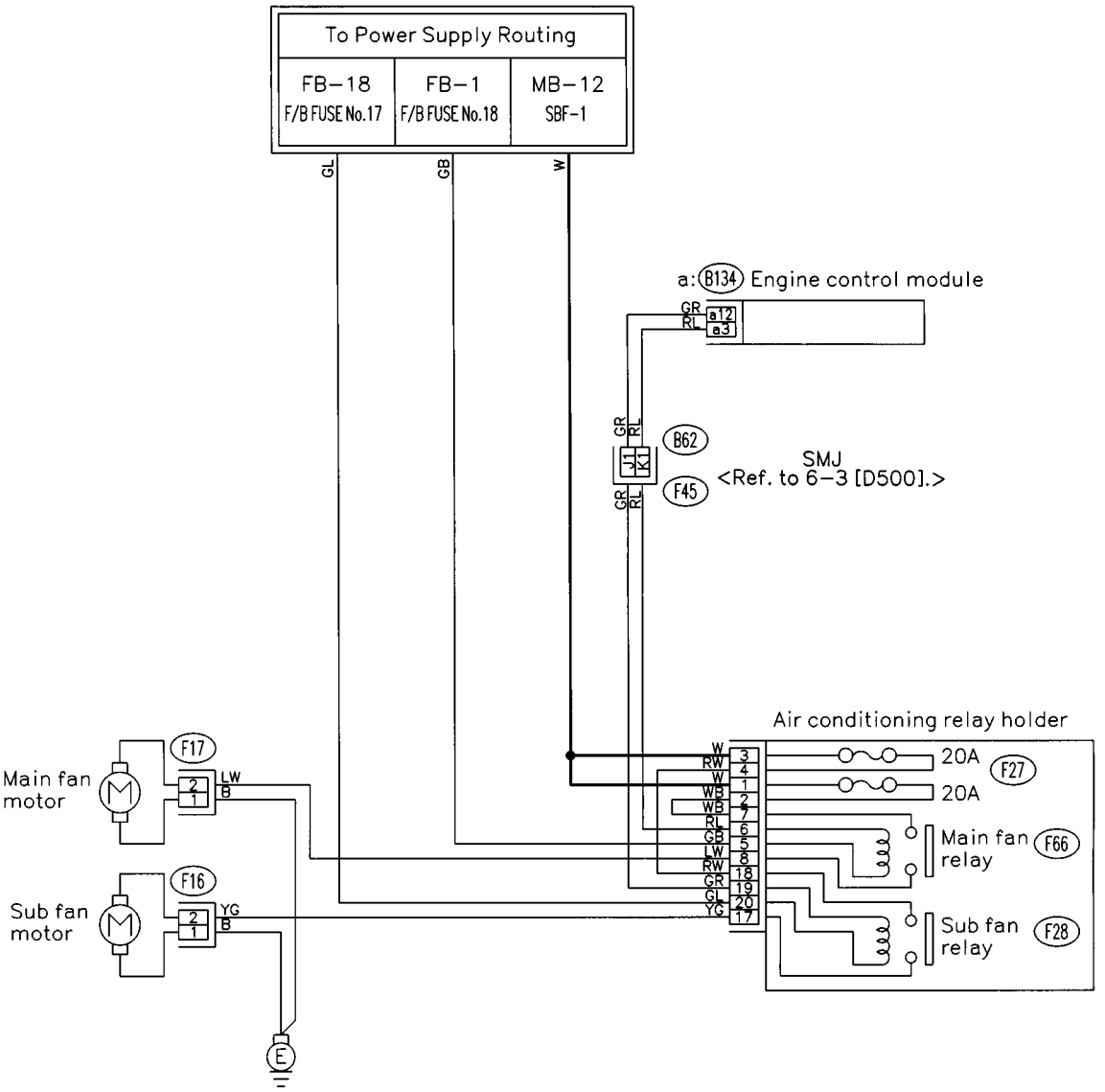




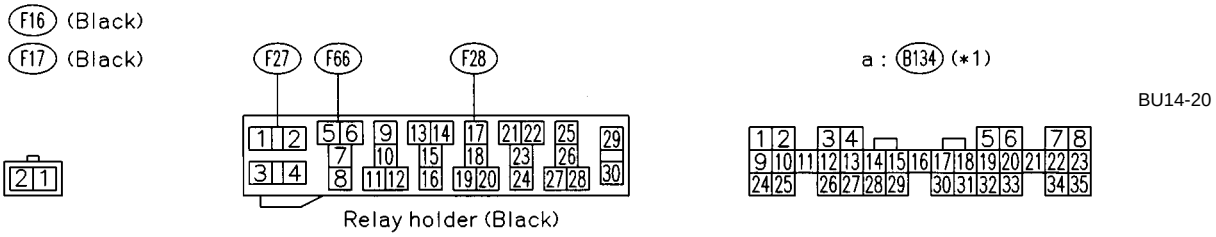
BU70-20B

BU70−20B

AC: RADIATOR FAN SYSTEM



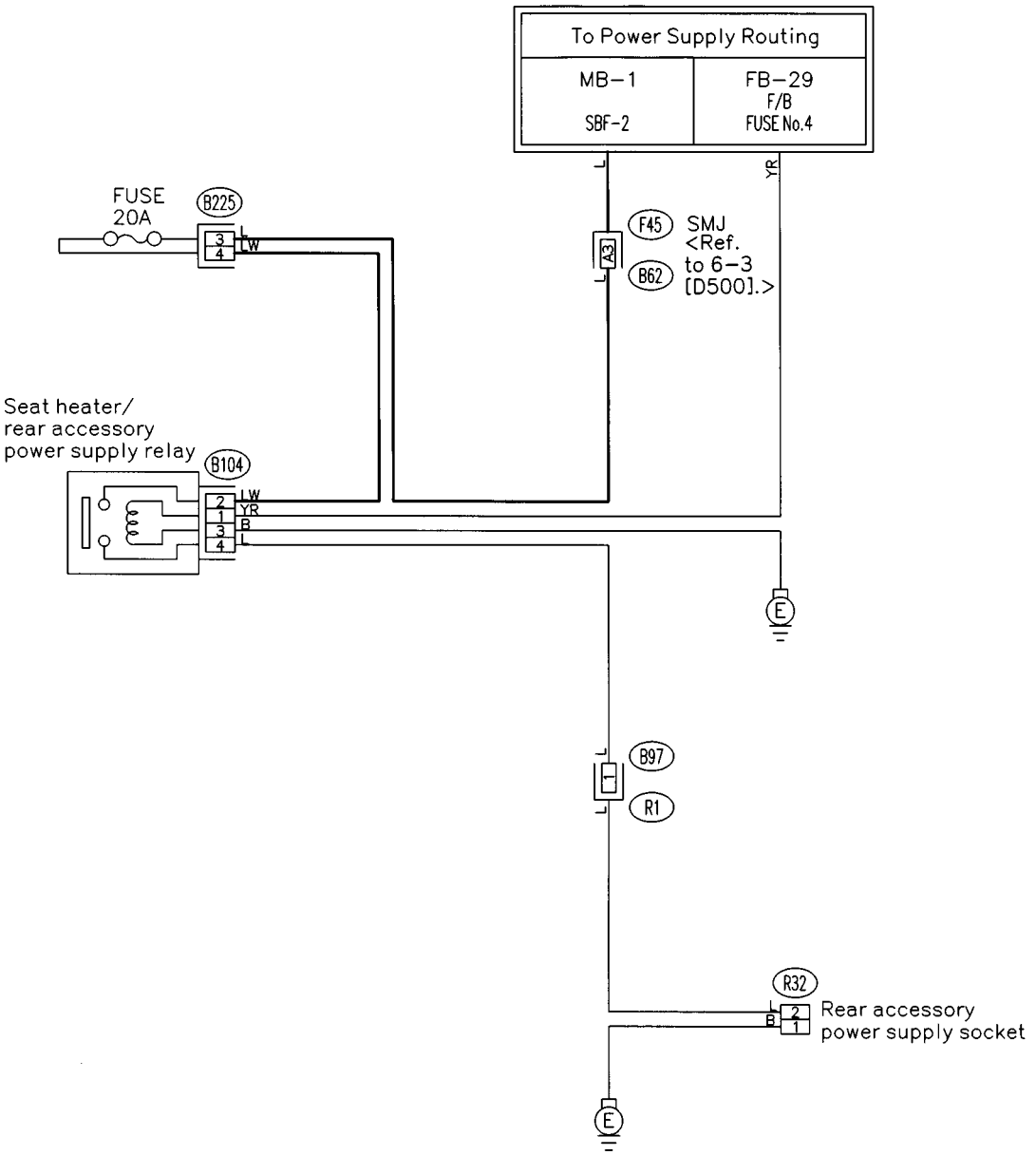
*1 AT : Gray
MT : Non−colored

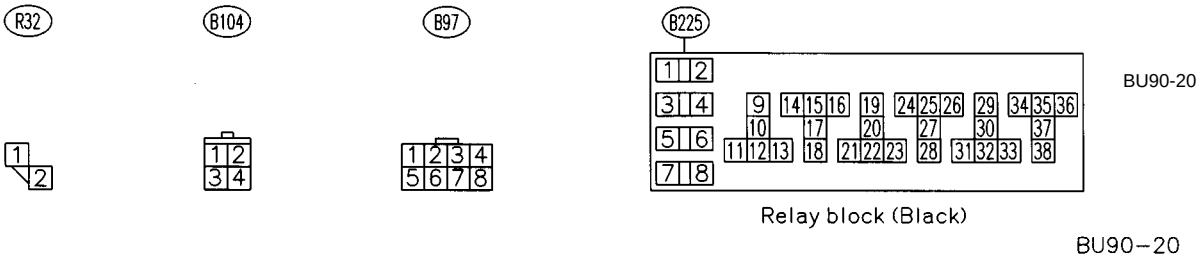


BU14-20

BU14−20

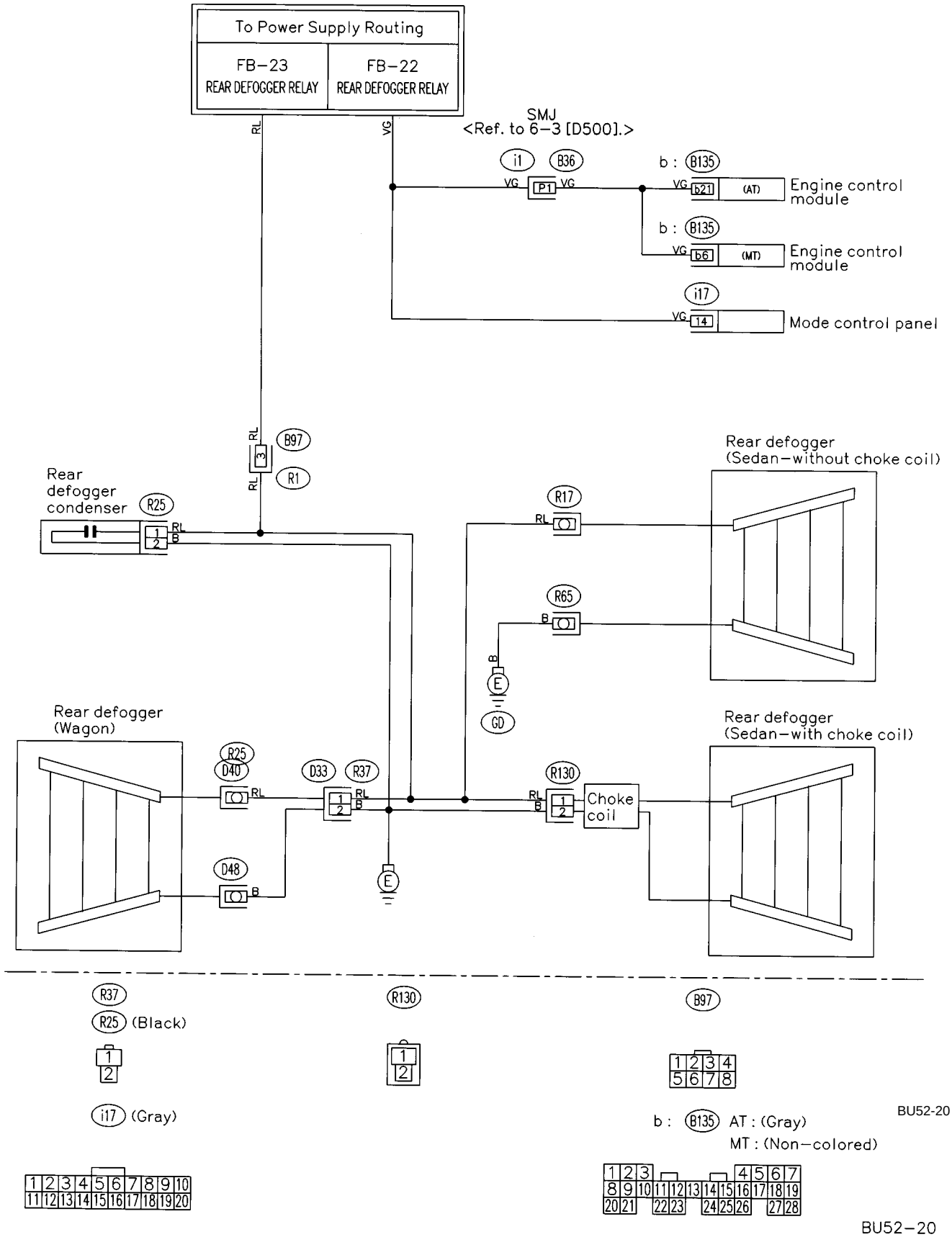
AD: REAR ACCESSORY POWER SUPPLY SYSTEM



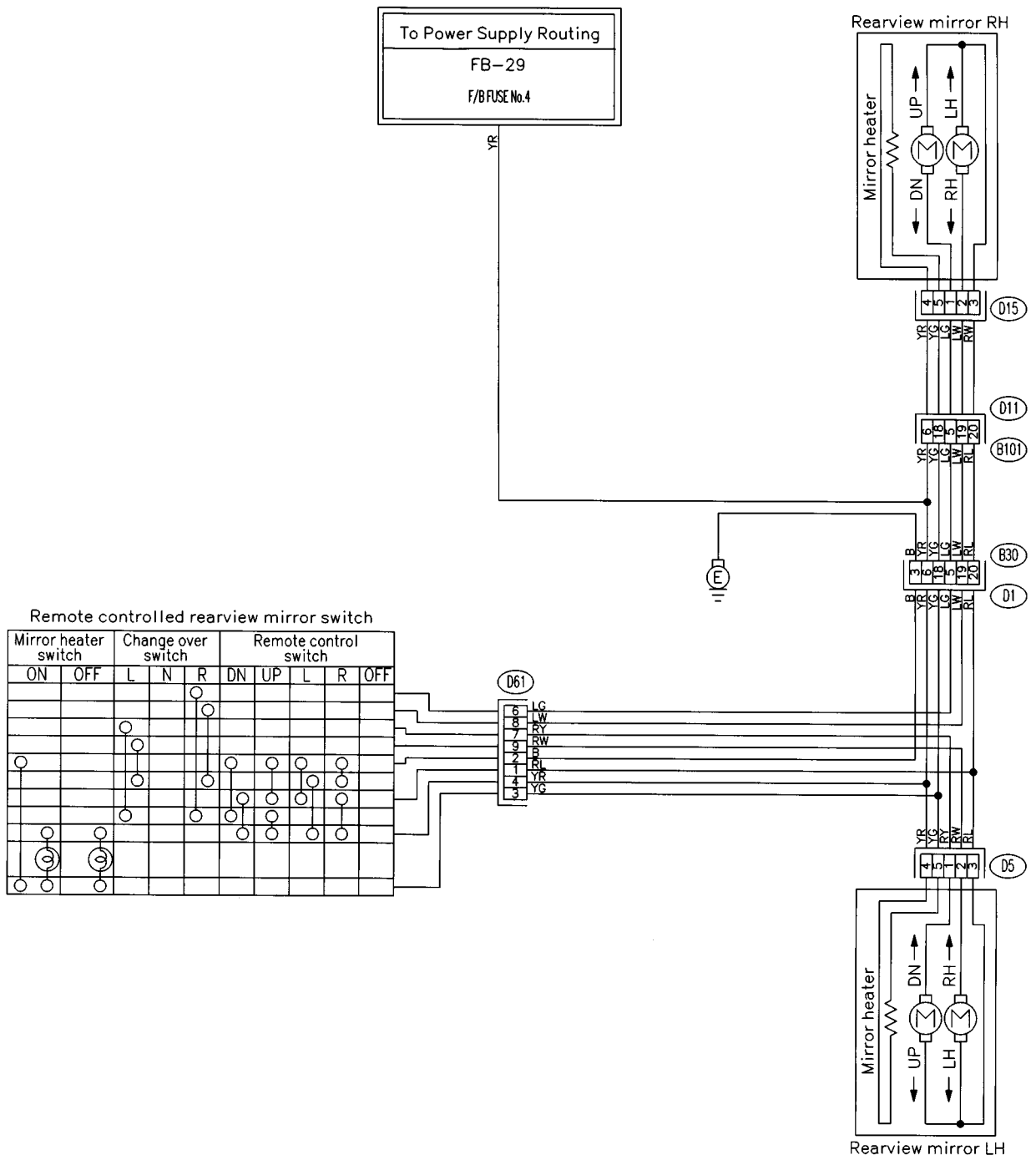


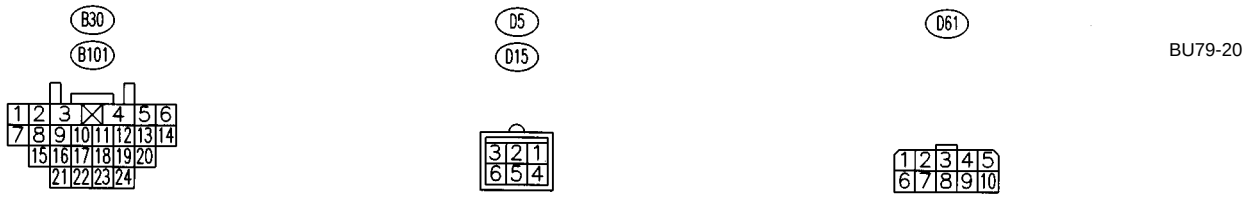
BU90−20

AE: REAR WINDOW DEFOGGER SYSTEM

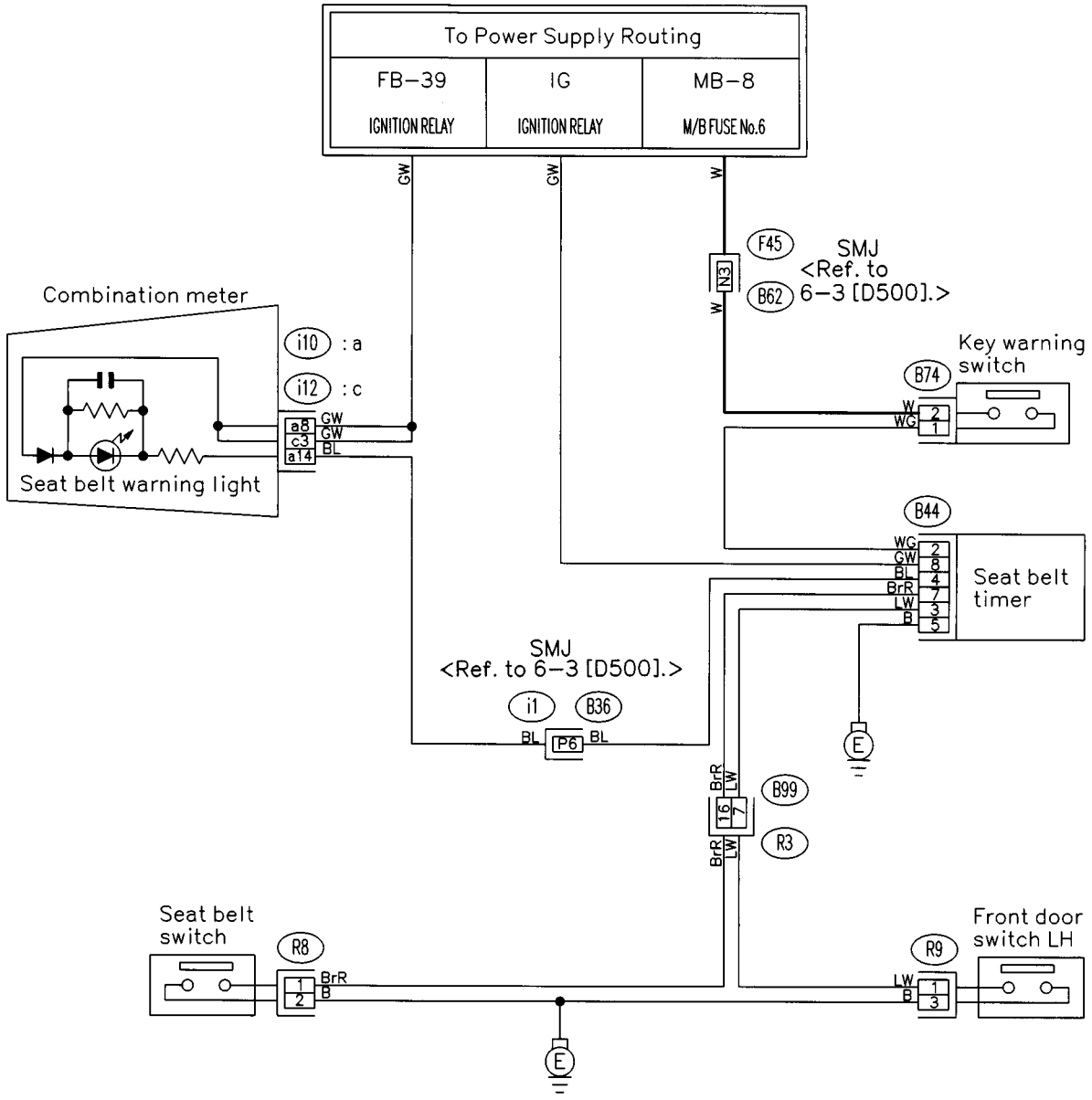


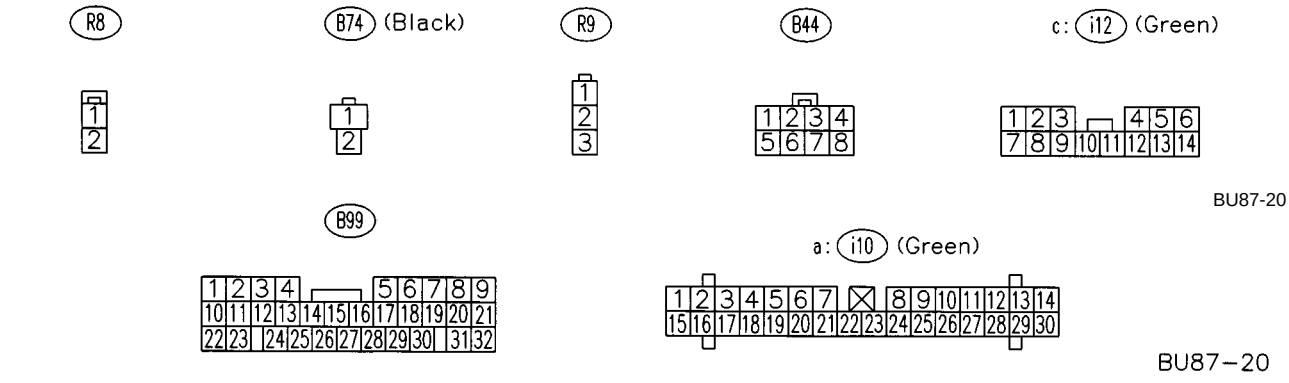
AF: REMOTE CONTROLLED REARVIEW MIRROR SYSTEM



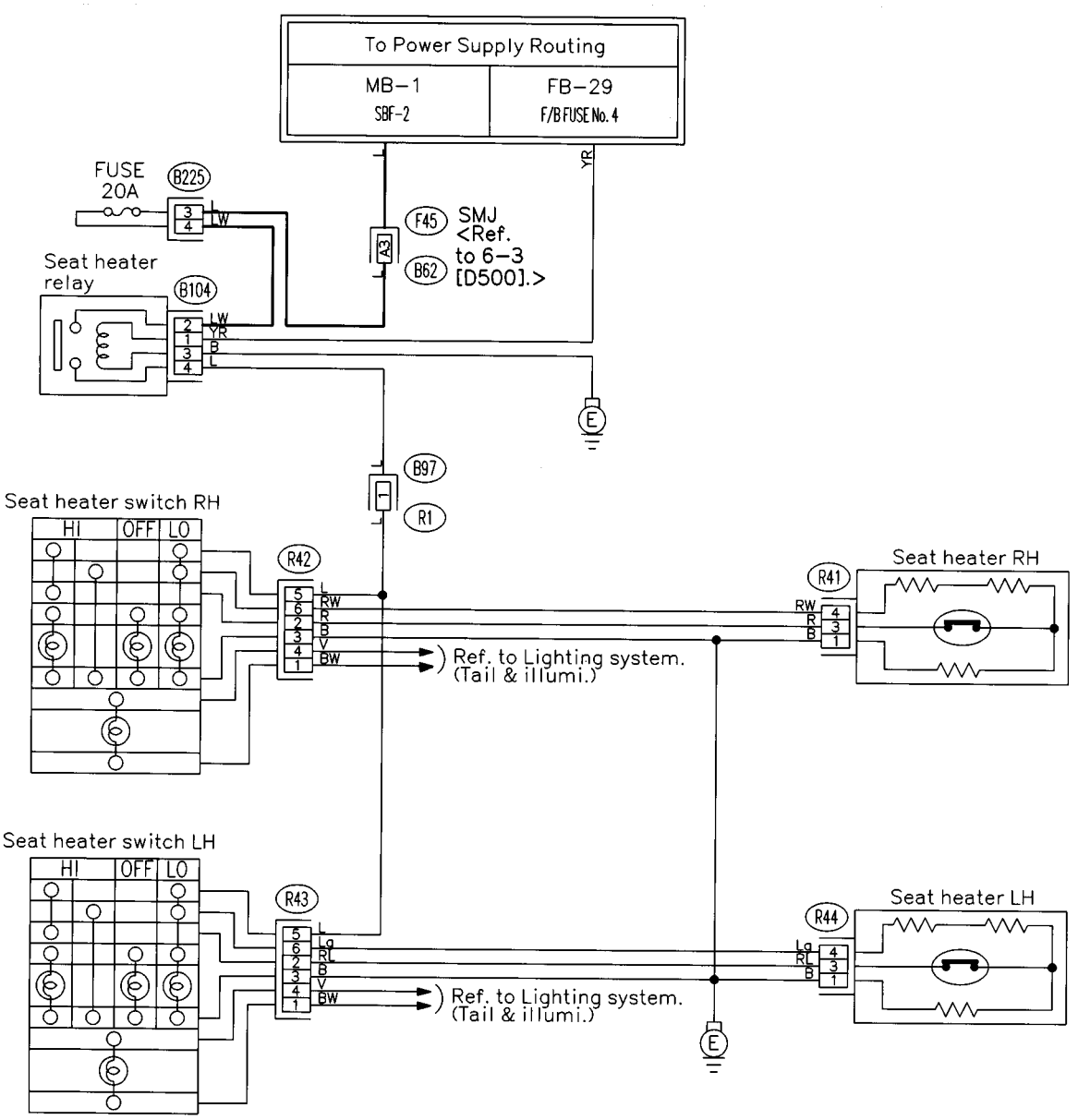


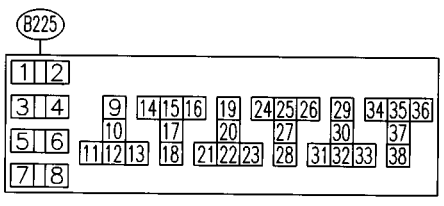
AG: SEAT BELT WARNING SYSTEM

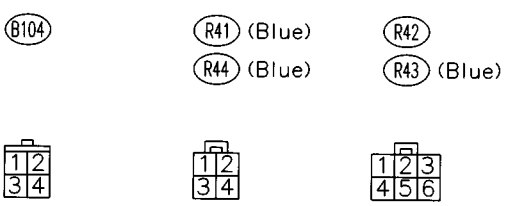




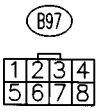
AH: SEAT HEATER SYSTEM







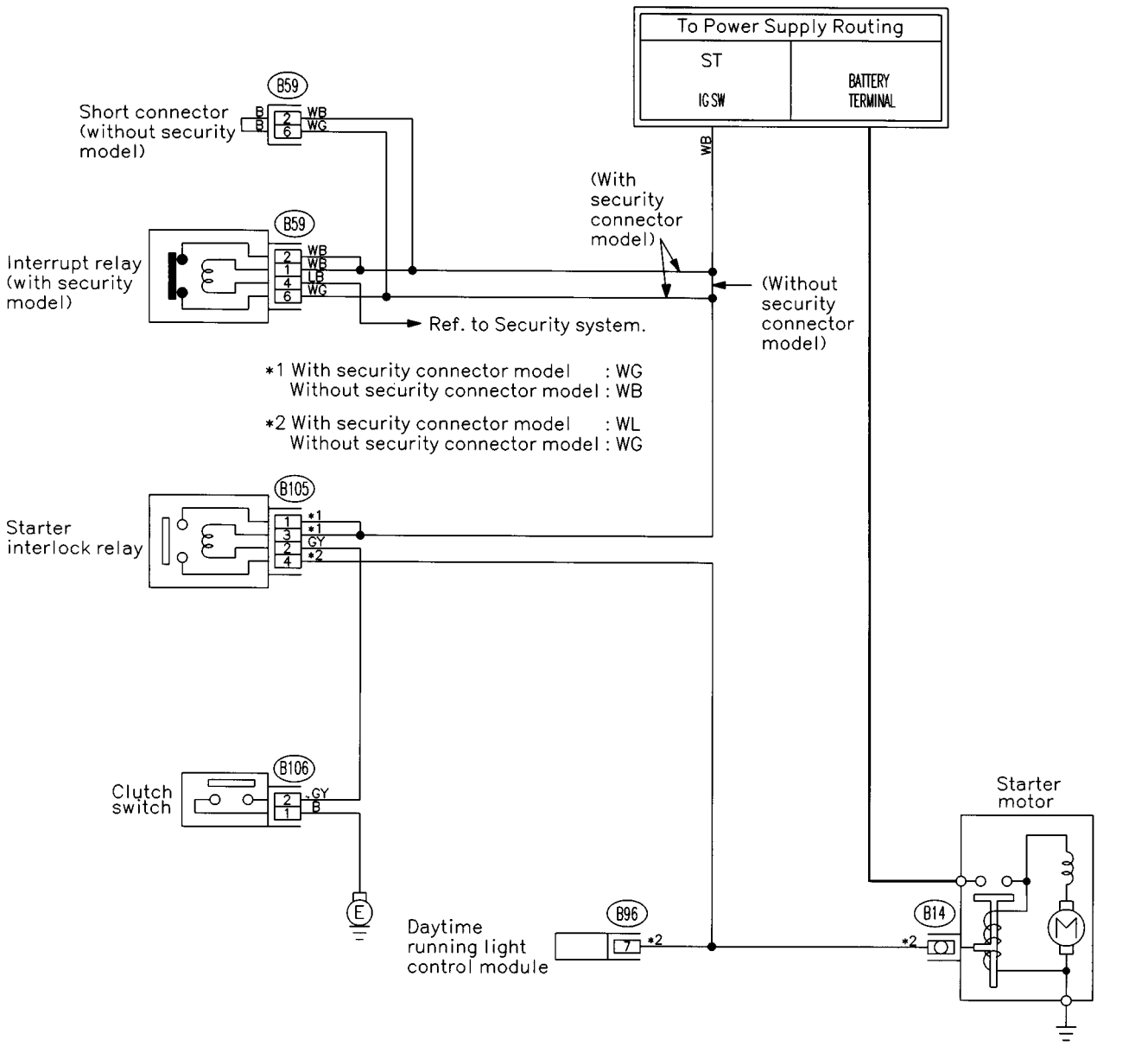
BU84-20

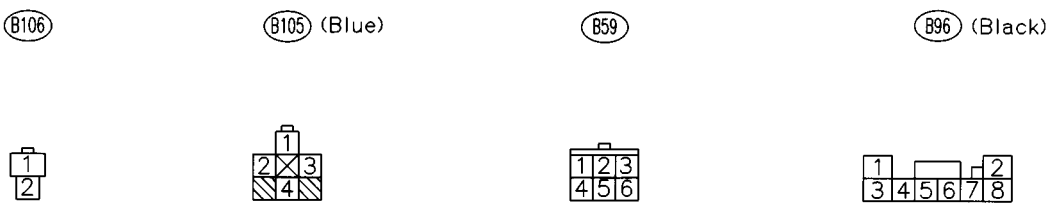


BU84−20

AI: STARTER SYSTEM

1. MT MODEL

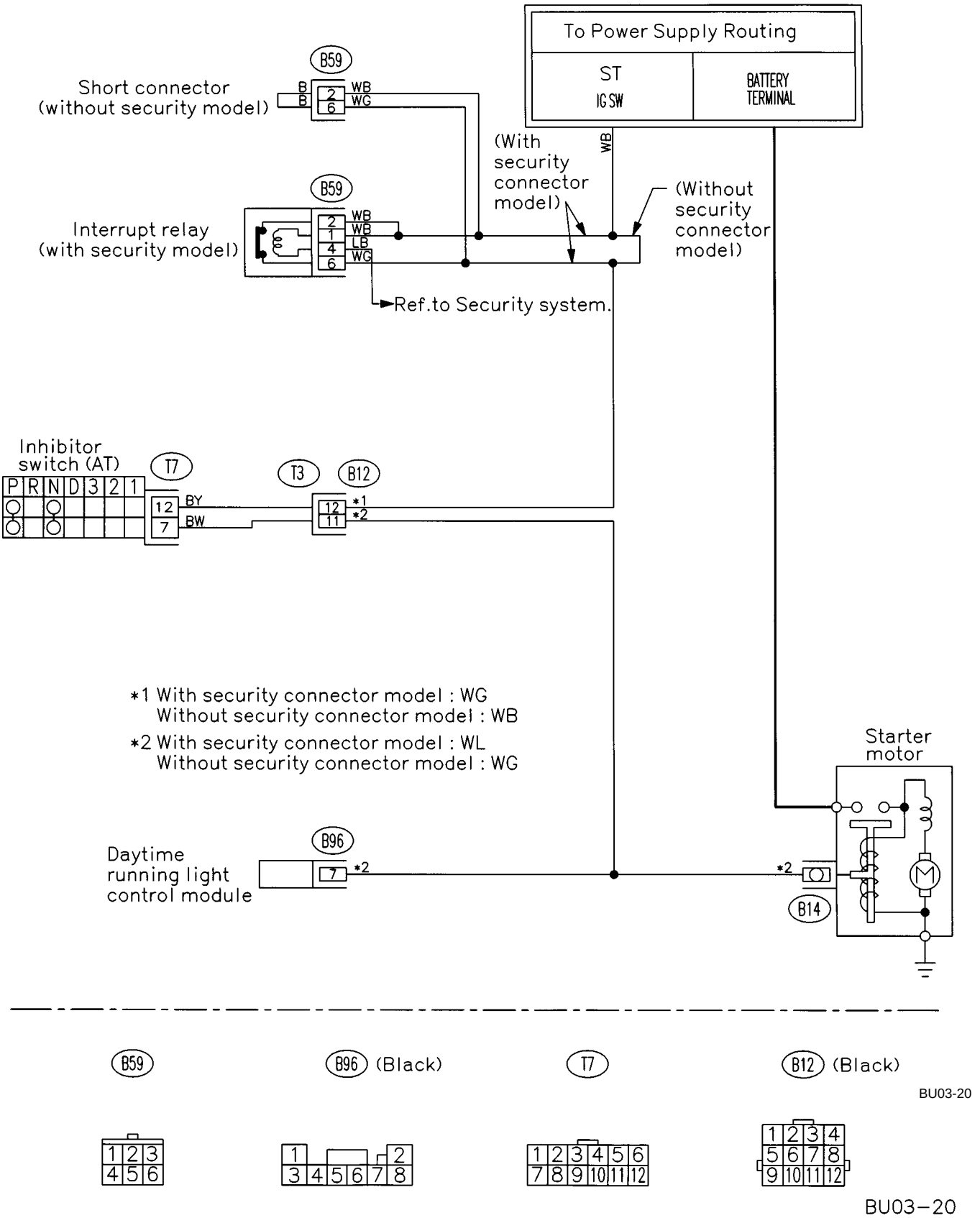




BU03-21

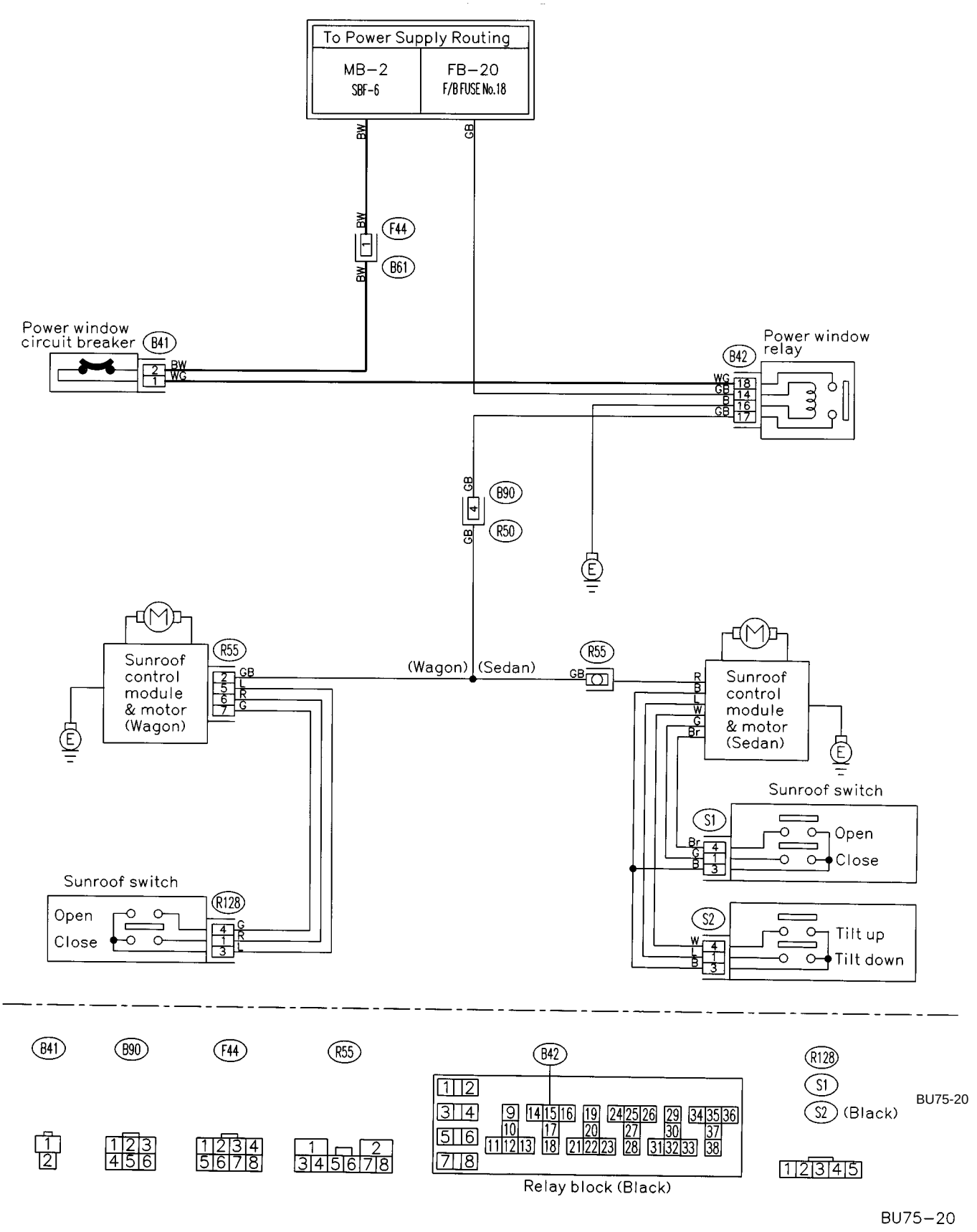
BU03−21

2. AT MODEL

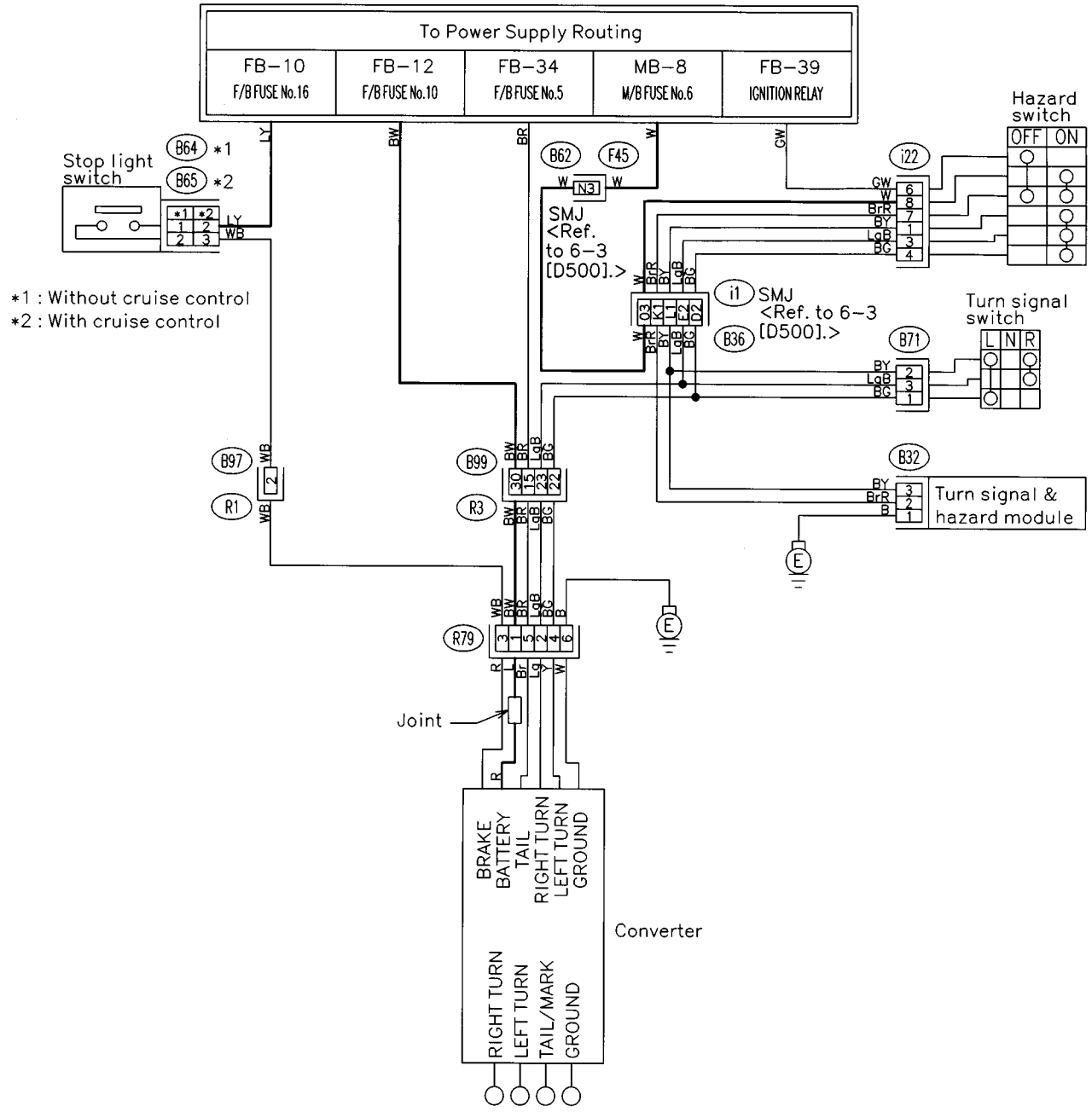


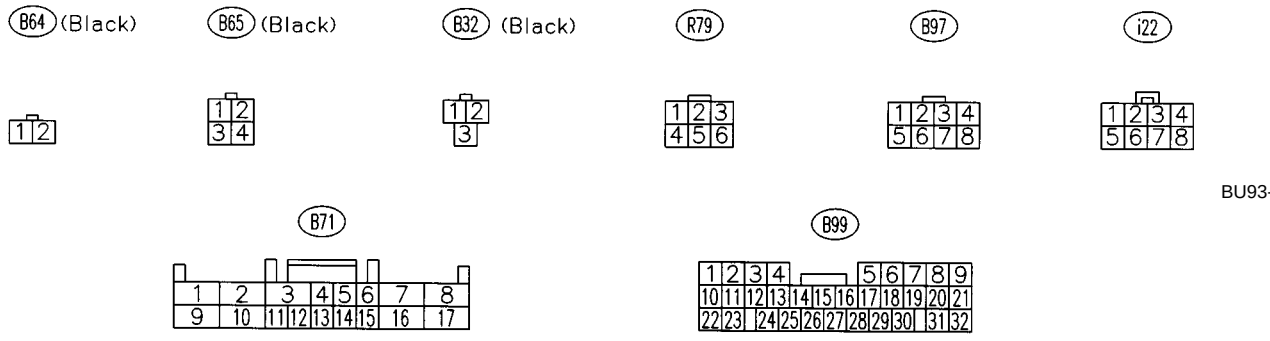
BU03−20

AJ: SUNROOF SYSTEM



AK: TRAILER WIRE HARNESS (OPTION)

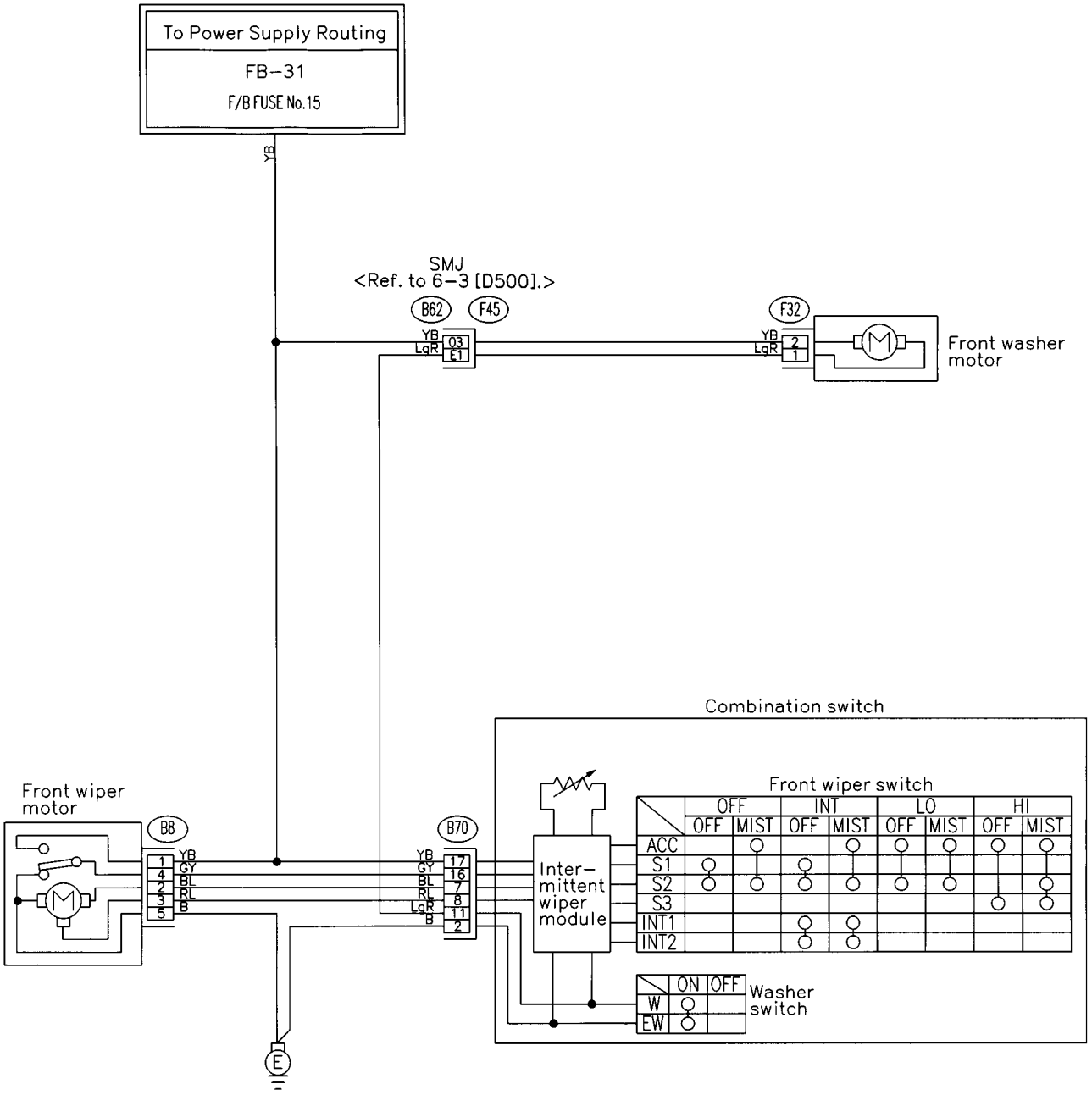


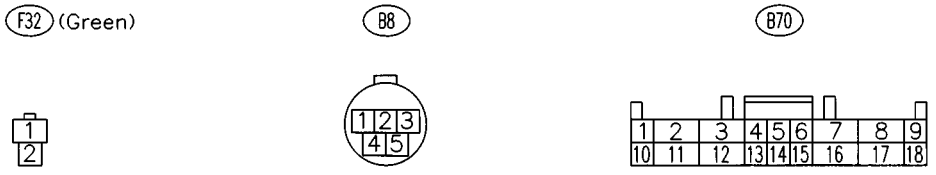


BU93-20

BU93−20

AL: WIPER AND WASHER SYSTEM (FRONT)

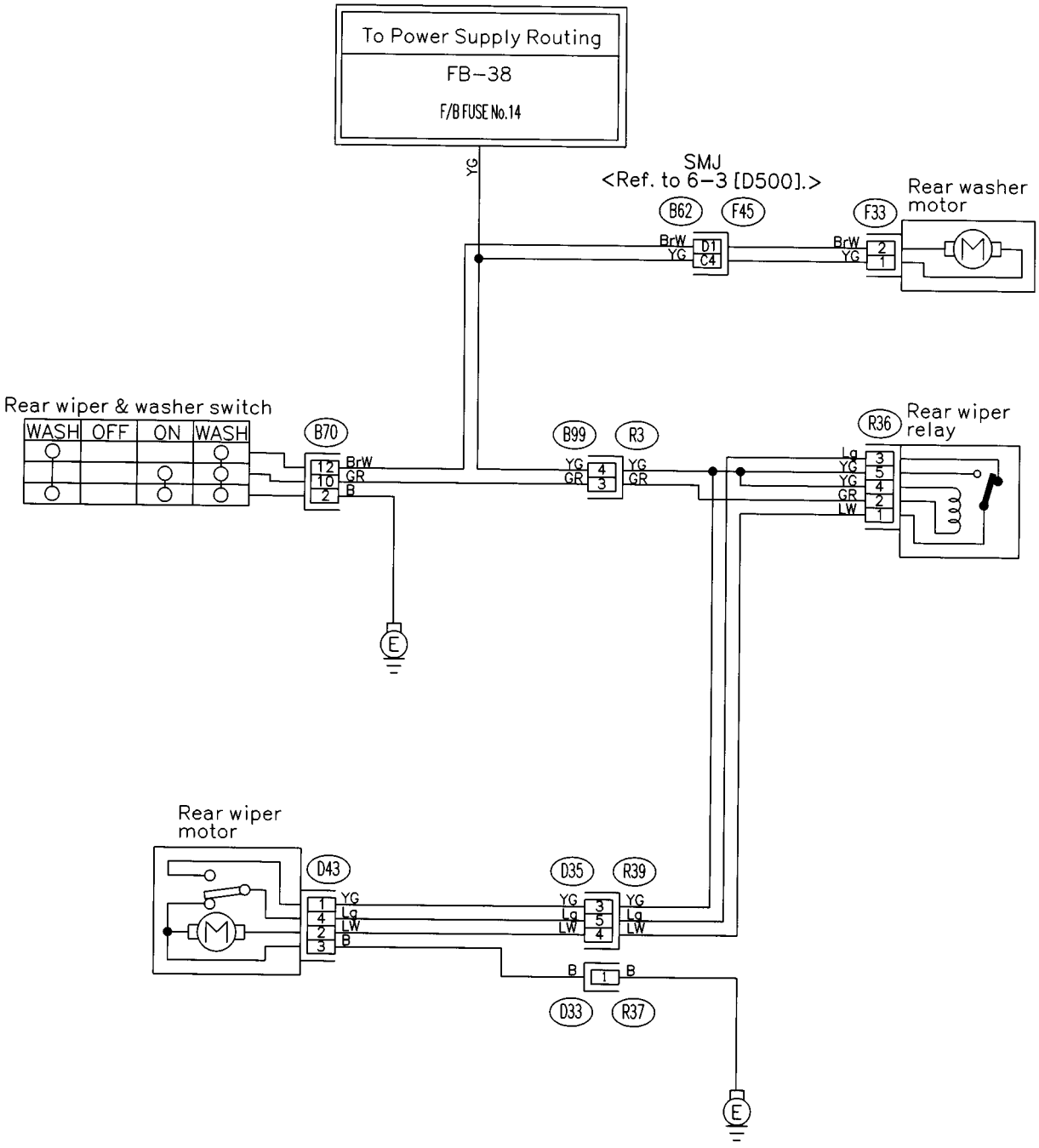




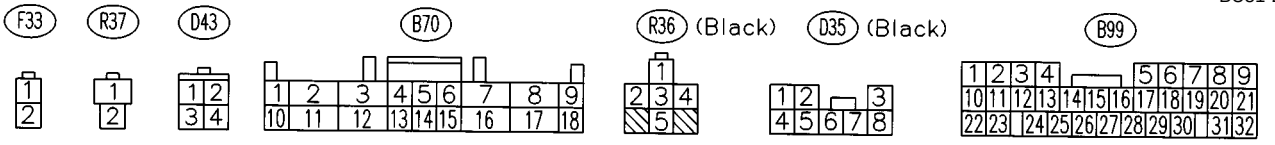
BU50-20

BU50−20

AM: WIPER AND WASHER SYSTEM (REAR)

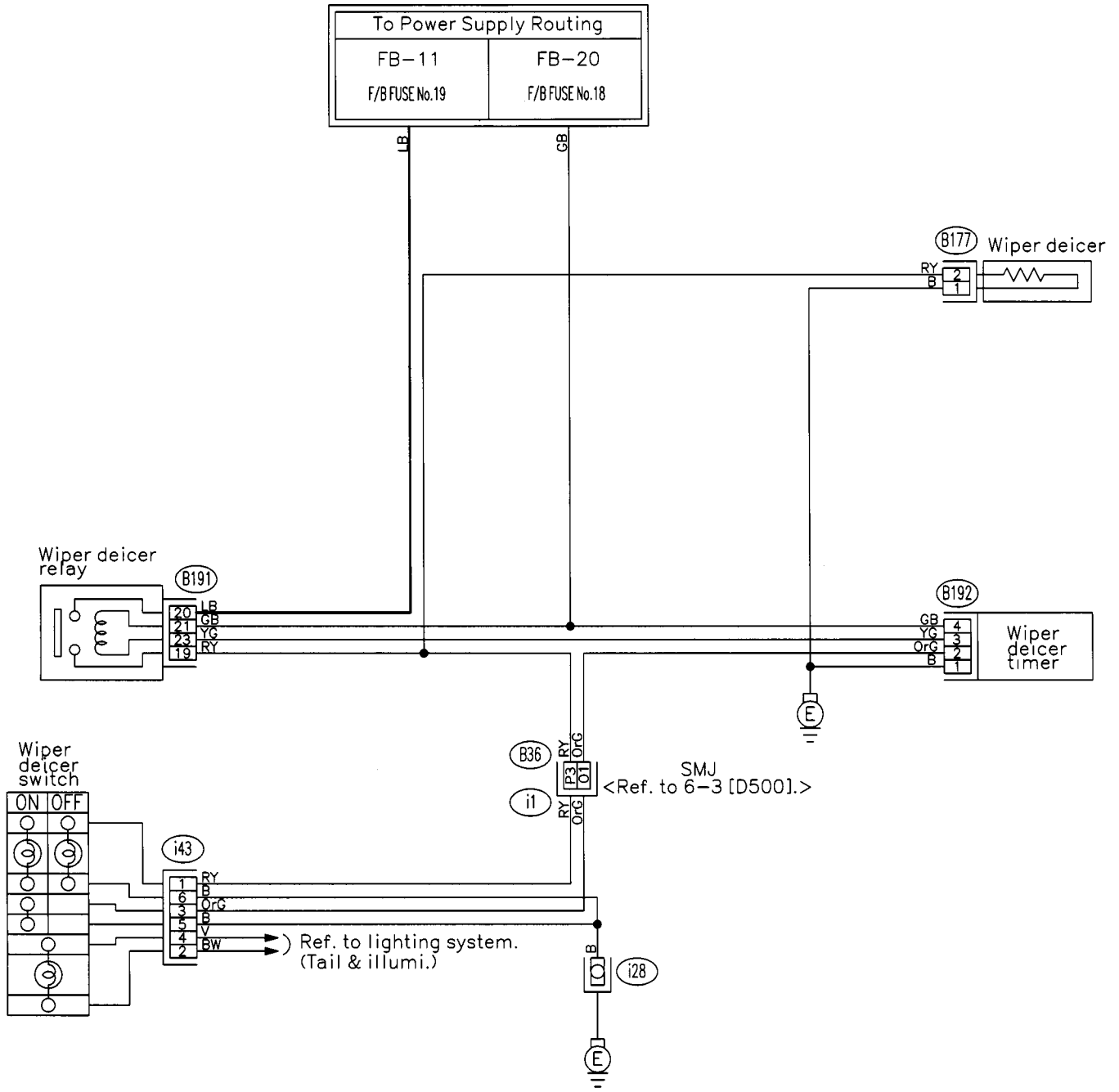


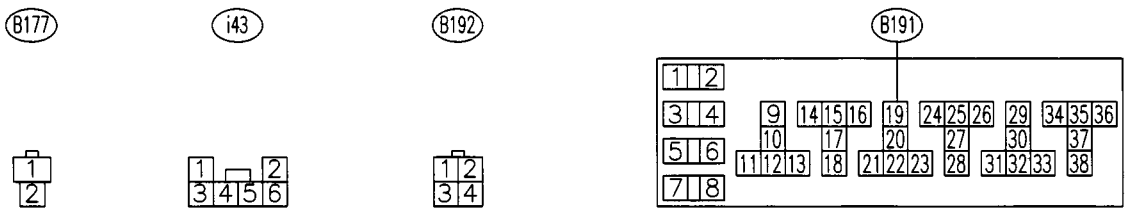
BU51-20



BU51−20

AN: WIPER DEICER SYSTEM





BL78-20

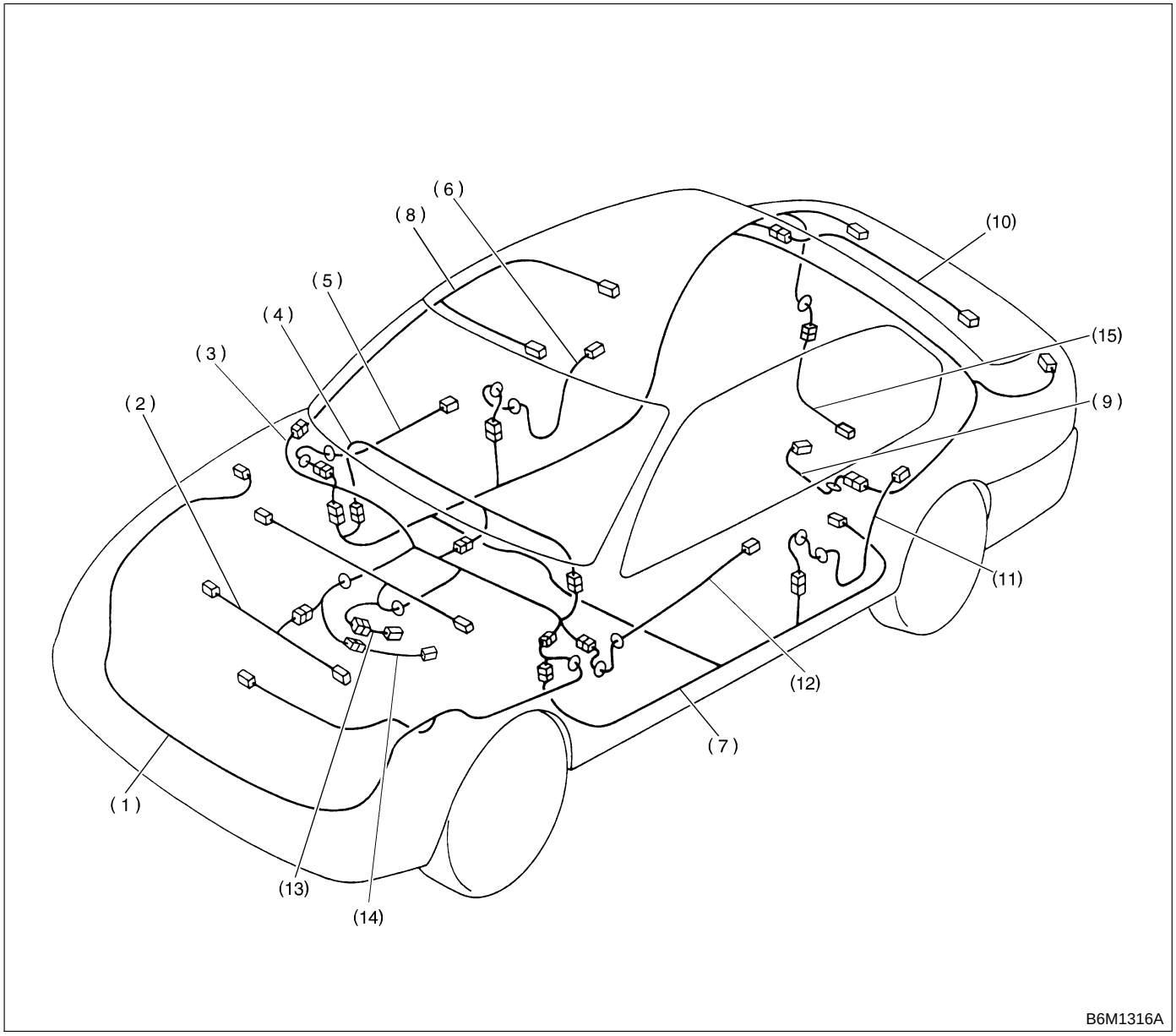
BL78−20

MEMO:

7. Electrical Wiring Harness and Ground Point

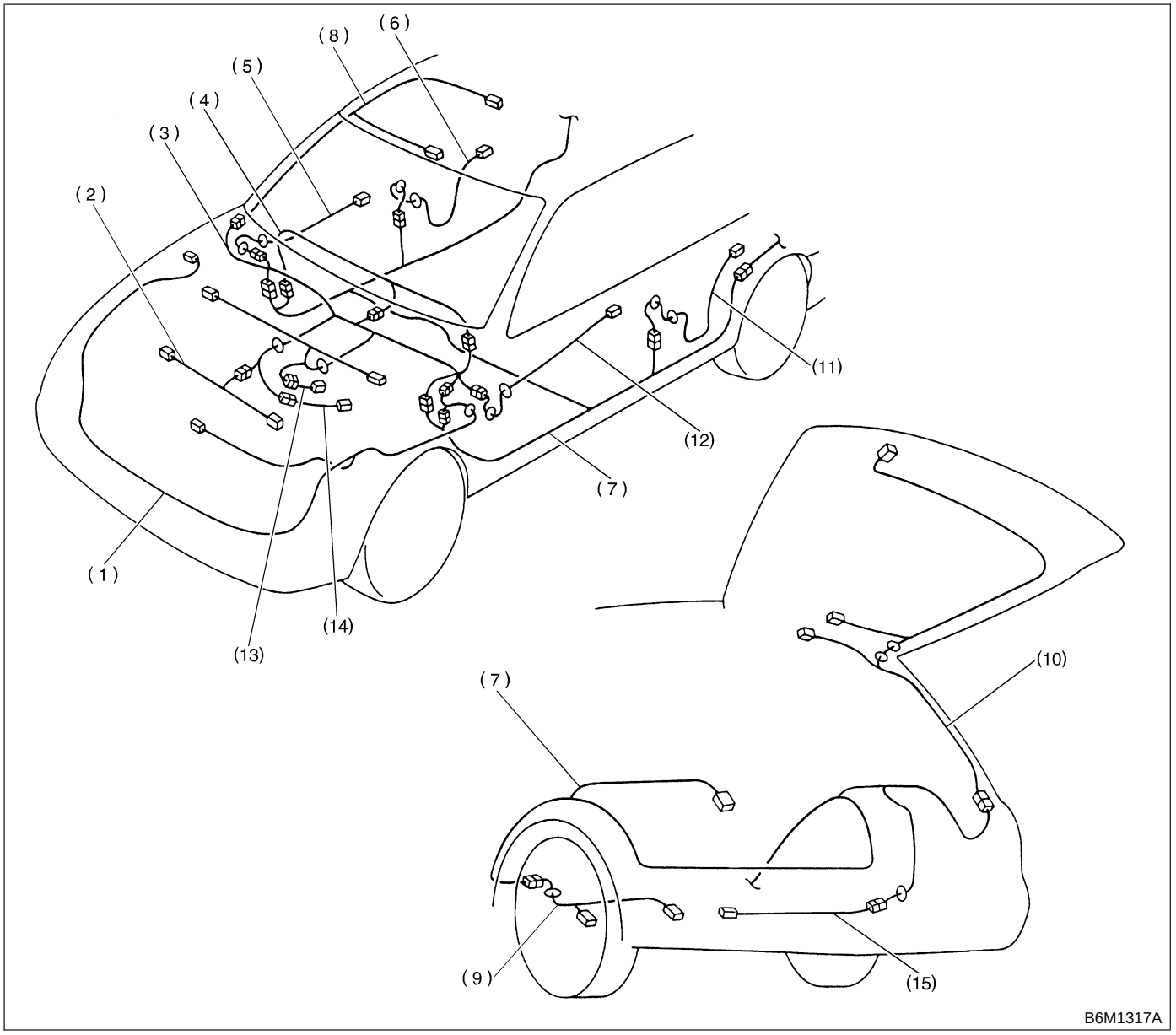
A: OVERALL LOCATION

1. SEDAN MODEL



(1) Front wiring harness
(2) Engine wiring harness
(3) Bulkhead wiring harness
(4) Instrument panel wiring harness
(5) Front door cord RH
(6) Rear door cord RH
(7) Rear wiring harness
(8) Roof cord
(9) Fuel tank cord
(10) Trunk lid cord
(11) Rear door cord LH
(12) Front door cord LH
(13) Transmission cord
(14) Rear oxygen sensor cord
(15) ORVR cord

2. WAGON MODEL



(1) Front wiring harness
(2) Engine wiring harness
(3) Bulkhead wiring harness
(4) Instrument panel wiring harness
(5) Front door cord RH
(6) Rear door cord RH
(7) Rear wiring harness
(8) Roof cord
(9) Fuel tank cord
(10) Rear gate cord
(11) Rear door cord LH
(12) Front door cord LH
(13) Transmission cord
(14) Rear oxygen sensor cord
(15) ORVR cord

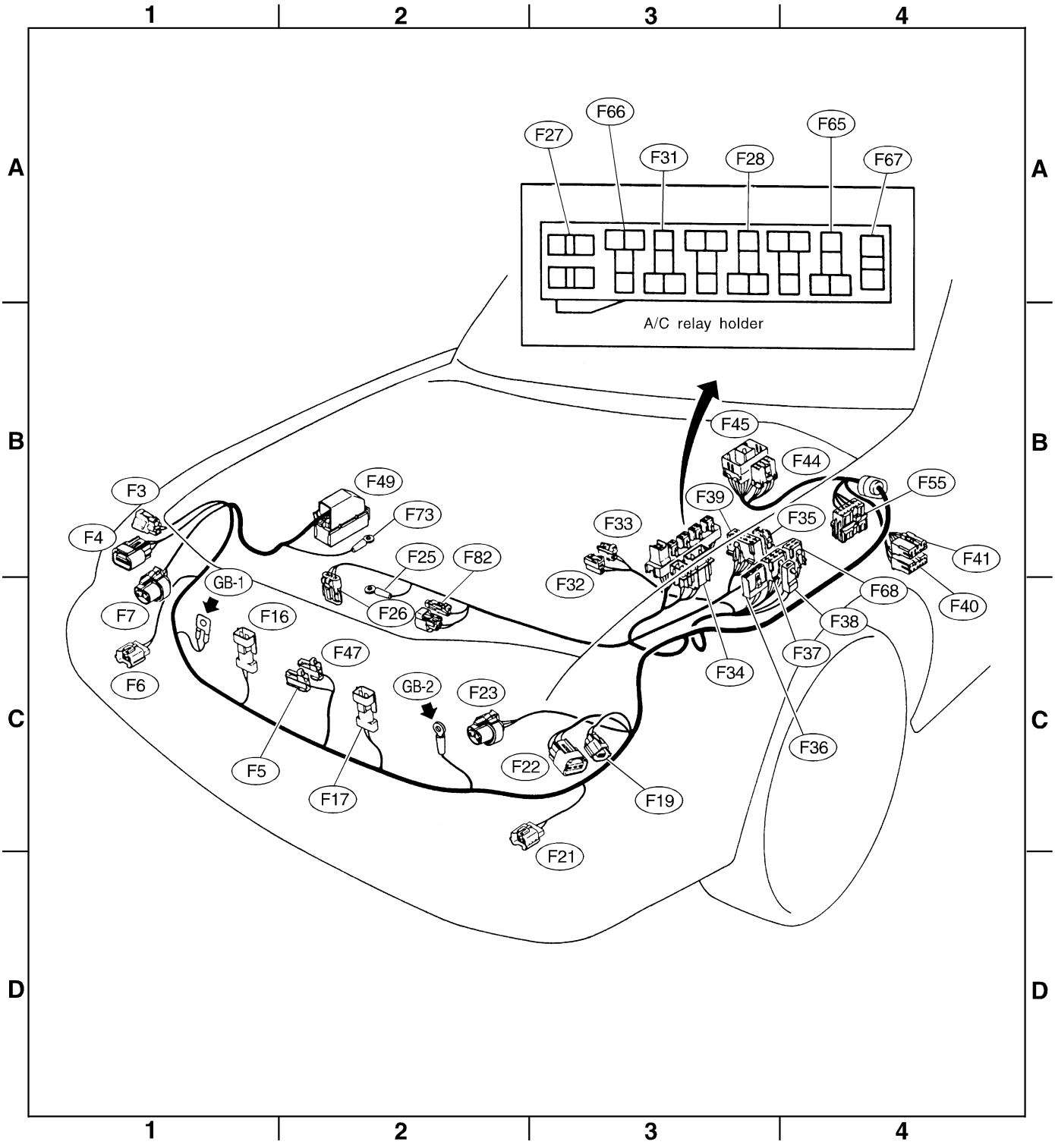
B: FRONT WIRING HARNESS

● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
F3	2	Gray	B-1		Front turn signal light upper RH
F4	3	Gray	B-1		Front clearance light RH and front turn signal light lower RH
F5	1	Black	C-1		Horn
F6	2	★	C-1		Front fog light RH
F7	3	Black	C-1		Headlight RH (2-Lights)
	3	★	C-1		Headlight RH (4-Lights)
F16	2	Black	C-1		Sub fan motor
F17	2	Black	C-2		Radiator main fan motor
F19	2	Gray	C-3		Front turn signal light upper LH
F21	2	★	D-3		Front fog light LH
F22	3	Gray	C-3		Front clearance light LH and front turn signal light lower LH
F23	3	Black	C-2		Headlight LH (2-Lights)
	3	★	C-2		Headlight LH (4-Lights)
F25	1	★	C-2		Generator
F26	3	Green	C-2		
F27	4	Black	A-3		A/C fuse (Relay holder)
F28	4	Black	A-3		A/C sub fan relay (Relay holder)
F31	4	Black	A-3		A/C relay (Relay holder)
F32	2	Green	B-3		Front washer motor
F33	2	★	B-3		Rear washer motor
F34	4	Black	C-3		SBF holder
F35	2	Black	B-4		M/B
F36	3	★	C-4		
F37	6	Black	C-4		
F38	1	★	C-4		
F39	8	Black	B-3		
F40	9	Brown	C-4		F/B
F41	7	Gray	B-4		
F44	8	★	B-4	B61	Bulkhead wiring harness
F45	66	Gray	B-3	B62	Bulkhead wiring harness (SMJ)
F47	1	Black	C-2		Horn
F49	31	Black	B-2		ABS control module
F55	8	★	B-4	R49	Rear wiring harness
F65	4	Black	A-4		Front fog light relay (Relay holder)
F66	4	Black	A-3		Radiator main fan relay (Relay holder)
F67	2	Black	A-4		FWD switch (Relay holder)
F68	4	Black	C-4		M/B
F73	1	★	B-2		ABS motor ground
F82	1	Black	C-2		A/C magnet clutch

★: Non-colored

● **Location**



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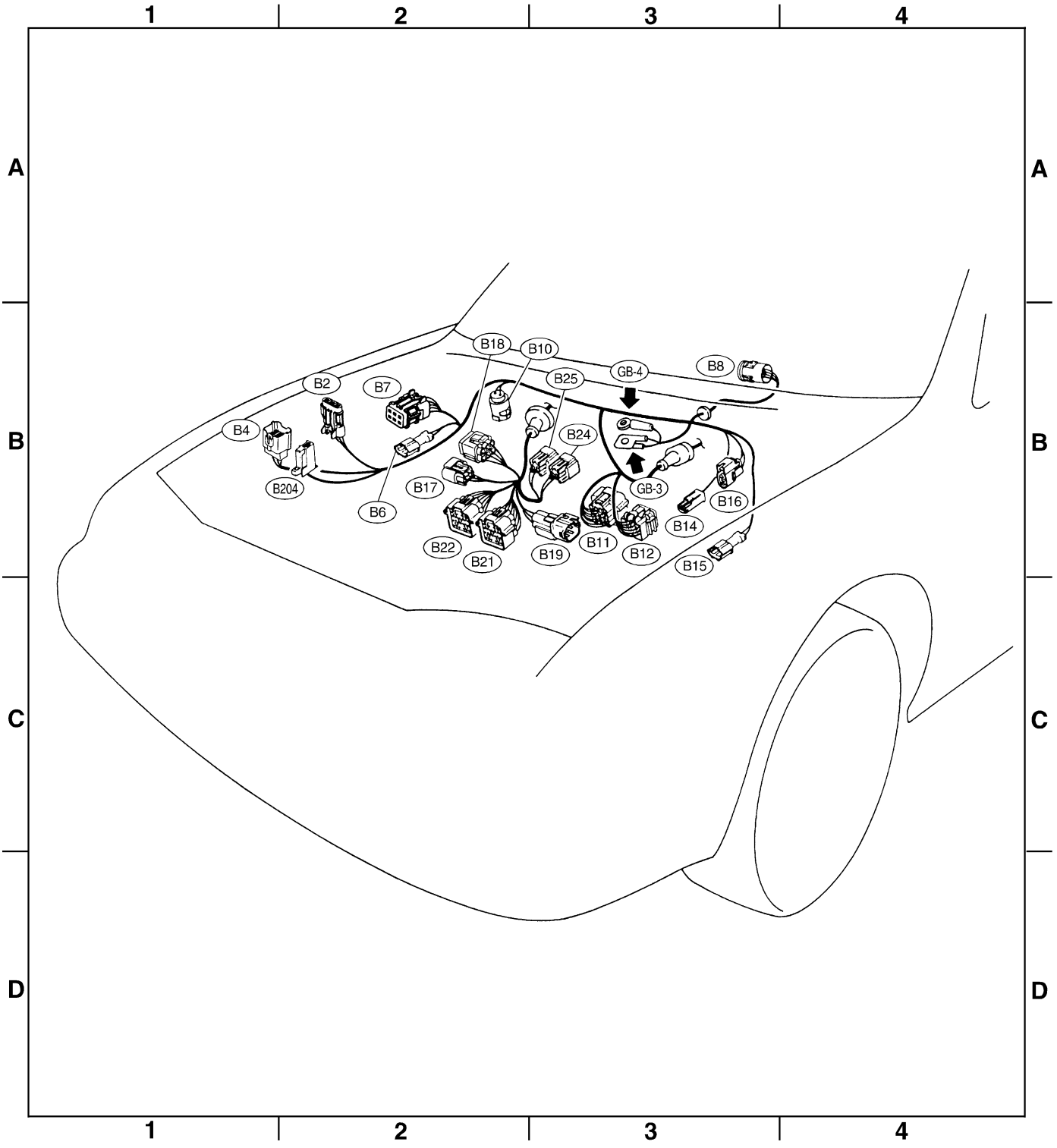
C: BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

● **List of Items**

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B2	3	Gray	B-2		Atmospheric pressure sensor (AT)
B4	4	Gray	B-2		AT dropping resistor
B6	2	Brown	B-2		ABS front sensor RH (Outback model)
	2	Gray	B-2		ABS front sensor RH (Other models)
B7	6	Black	B-2		Cruise control actuator
B8	5	Gray	B-3		Front wiper motor
B10	2	Brown	B-2		A/C pressure switch
B11	20	Black	B-3	T4	Transmission (AT)
B12	12	Black	B-3	T3	
B14	1	Black	B-3		Starter (Magnet)
B15	2	Brown	B-3		ABS front sensor LH (Outback model)
	2	Gray	B-3		ABS front sensor LH (Other models)
B16	2	Gray	B-3		Brake fluid level switch
B17	3	Black	B-2		Vehicle speed sensor (MT)
B18	4	Gray	B-2		Front oxygen (A/F) sensor (MT)
	6	Black	B-2		Front oxygen (A/F) sensor (AT)
B19	4	Gray	B-3	T5	Rear oxygen sensor cord
B21	20	Gray	B-2	E2	Engine wiring harness
B22	16	Brown	B-2	E3	
B24	2	Gray	B-3	T1	Back-up light switch (MT)
B25	2	Brown	B-3	T2	Neutral position switch (MT)
B204	1	Black	B-2		Security horn
★: Non-colored					

● **Location**



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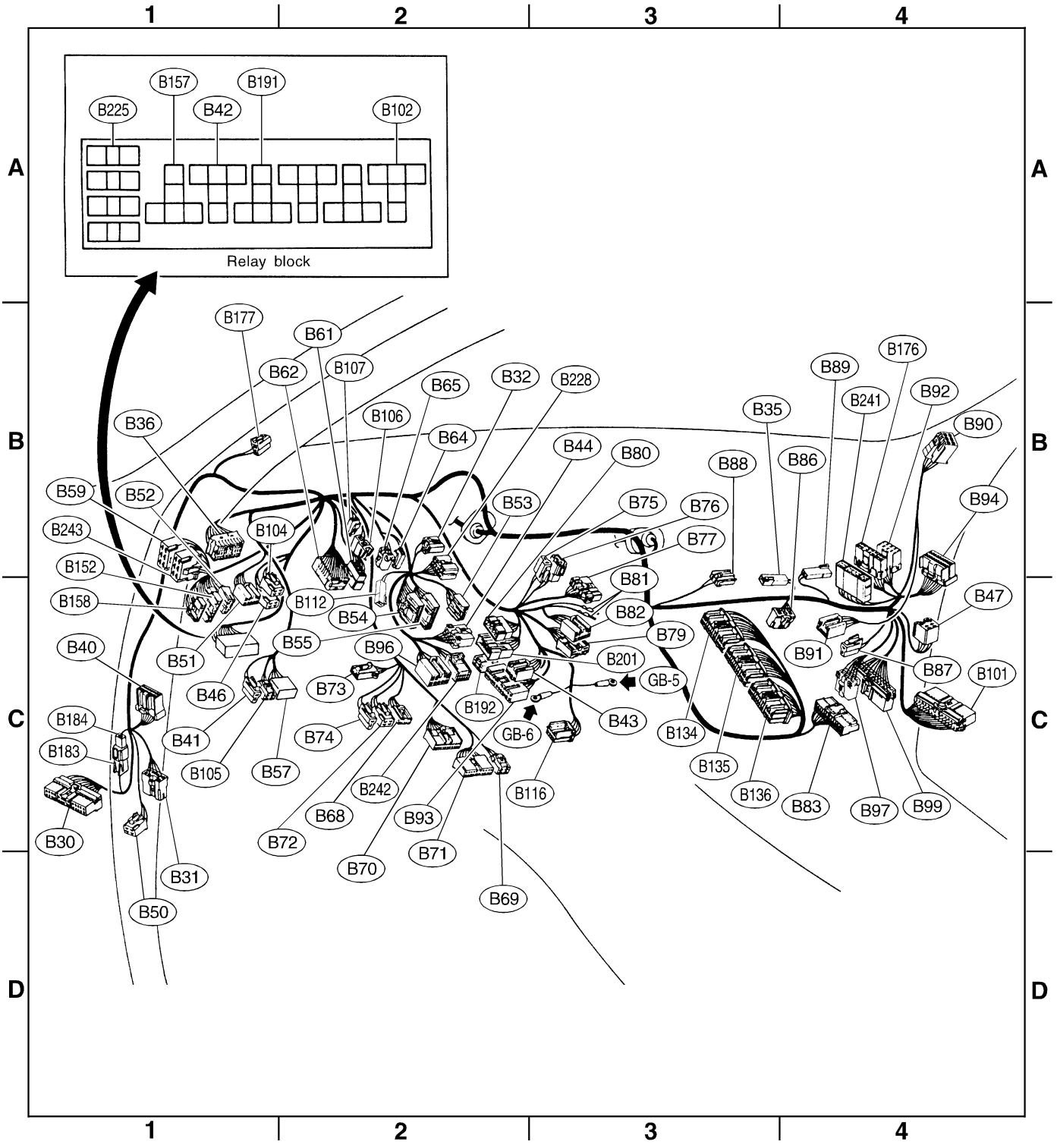
D: BULKHEAD WIRING HARNESS (IN COMPARTMENT)

● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B30	24	★	C-1	D1	Front door cord LH
B31	7	Yellow	D-1	AB1	SRS (Airbag) harness
B32	3	Black	B-2		Turn & hazard module
B35	2	Black	B-4		Diode (Step light)
B36	66	★	B-1	i1	Instrument panel wiring harness (SMJ)
B40	16	★	C-1		Data link connector
B41	2	★	C-1		Power window circuit breaker
B42	5	Black	A-1		Power window relay (Relay block)
B43	6	Black	C-3		Illumination control module
B44	8	★	C-2		Seat belt timer
B46	4	Green	C-1		Fuel pump relay
B47	6	Brown	C-4		Main relay
B50	4	Black	D-1		Blower relay
B51	8	★	C-1		F/B
B52	7	★	B-1		
B53	6	Gray	B-2		Shield joint connector (AT)
B54	24	★	C-2		Transmission control module
B55	24	Gray	C-2		
B57	12	★	C-2		AT shift lock control module
B59	6	★	B-1		Interrupt relay (Security)
B61	8	★	B-2	F44	Front wiring harness
B62	66	★	B-2	F45	Front wiring harness (SMJ)
B64	2	Black	B-2		Stop light switch
B65	4	Black	B-2		Stop & brake switch (With cruise control)
B68	5	Black	C-2		Cruise control sub switch
B69	4	★	D-2		Combination switch
B70	18	★	C-2		
B71	17	★	C-2		
B72	4	Blue	C-2		Ignition switch
B73	2	★	C-2		Key lock solenoid
B74	2	Black	C-2		Key warning switch
B75	2	Green	B-3	B76	Test mode connector
B76	2	Green	B-3	B75	
B77	10	Brown	B-3		Mode actuator
B79	14	Gray	C-3		Check connector
B80	8	★	C-2	i20	Instrument panel wiring harness
B81	1 × 2	★	C-3		Diagnosis terminal (Ground)
B82	8	★	C-3		Diagnosis connector
B83	12	Blue	C-4		Shield & sensor ground joint connector (E/G)
B86	6	Black	B-4		Blower motor resistor
B87	2	★	C-4		Blower motor
B88	3	Black	B-3		Evaporator thermoswitch
B89	2	★	B-4		Diode (Rear gate)
B90	6	★	B-4	R50	Roof cord
B91	6	Black	C-4		FRESH/RECIRC actuator
B92	8	★	B-4		Door lock timer
B93	18	★	C-2		Security control module
B94	20	Black	B-4		Cruise control module
B96	8	Black	C-2		Daytime running light control module
B97	8	★	C-4	R1	Rear wiring harness
B99	32	★	C-4	R3	
B101	24	★	C-4	D11	Front door cord RH
B102	5	Black	A-2		Daytime running light relay
B104	4	★	B-1		Seat heater/rear accessory power supply relay
B105	4	Blue	C-1		Starter interlock relay (MT)
B106	2	★	B-2		Clutch switch (MT)
B107	2	Blue	B-2		Clutch switch (Cruise control)
B112	2	Black	C-2		Diode (Front fog light)
B116	6	★	C-3		Select lever illumination light (AT)
B134	35	★	C-3		Engine control module (MT)
	35	Gray	C-3		Engine control module (AT)
B135	28	★	C-3		Engine control module (MT)
	28	Gray	C-3		Engine control module (AT)
B136	30	★	C-3		Engine control module (MT)
	30	Gray	C-3		Engine control module (AT)
B152	12	★	B-1		F/B
B157	5	Black	A-1		Ignition relay (Relay block)
B158	10	Gray	C-1		F/B
B176	16	★	B-4		Keyless entry control module
B177	2	★	B-1		Wiper deicer
B183	1	★	C-1	B184	Joint connector (Keyless entry)
B184	1	★	C-1	B183	
B191	5	Black	A-1		Wiper deicer relay (Relay block)
B192	4	★	C-2		Wiper deicer timer
B201	10	★	C-2	i40	Instrument panel wiring harness
B225	8	Black	A-1		Fuse (Relay block)
B228	15	★	B-2		OP connector
B241	16	★	C-4	B176	Short connector (Without keyless entry)
B242	10	★	C-2		Daytime running light control module
B243	6	Black	B-1		Security horn relay

★: Non-colored

● **Location**



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E: ENGINE WIRING HARNESS AND TRANSMISSION CORD

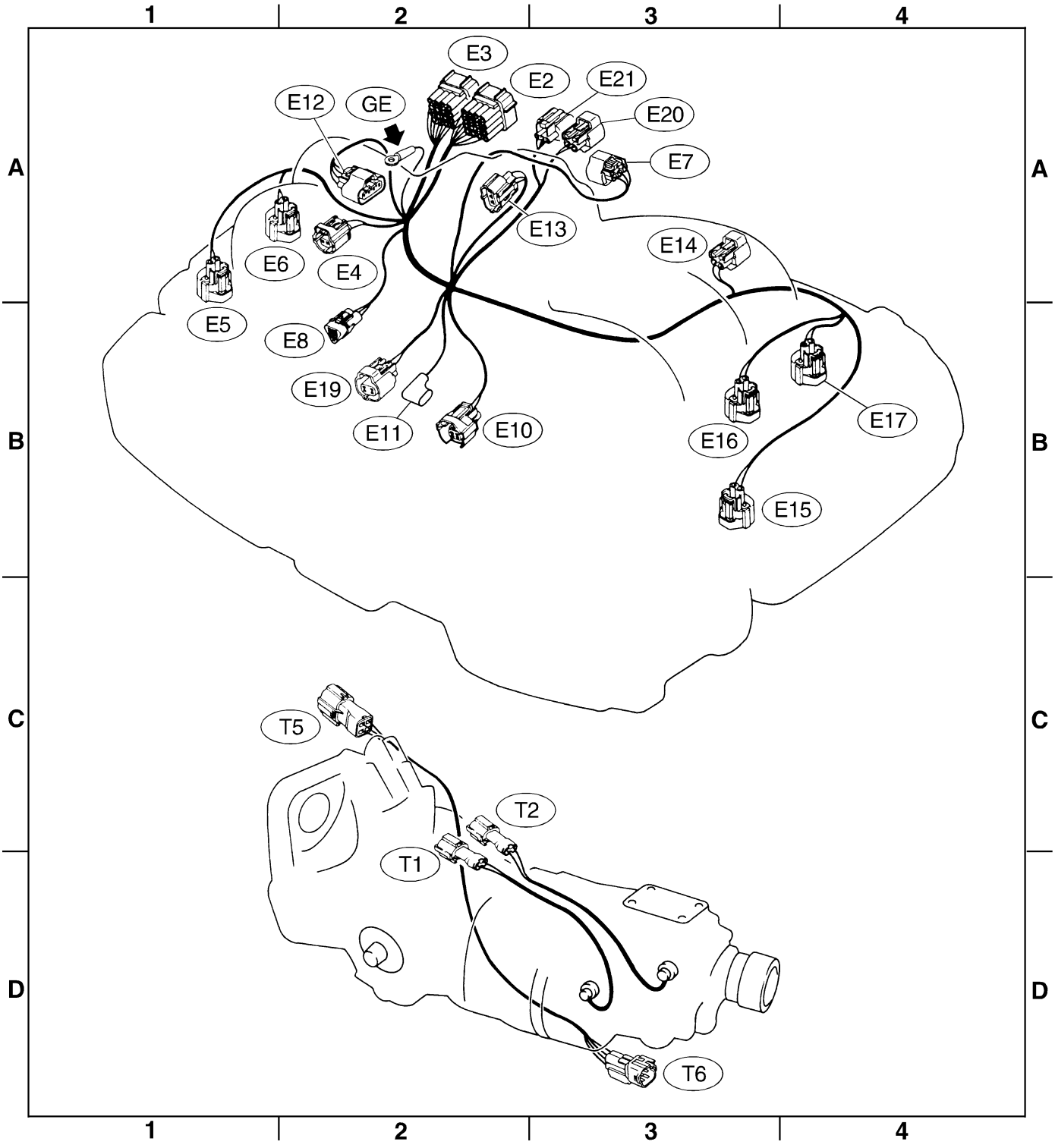
1. MT MODEL

● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
E2	20	★	A-2	B21	Bulkhead wiring harness
E3	16	Brown	A-2	B22	Bulkhead wiring harness
E4	2	Blue	A-2		Purge control solenoid valve
E5	2	Gray	B-1		Injector #1
E6	2	Gray	A-2		Injector #3
E7	3	Gray	A-3		Idle air control solenoid valve
E8	3	★	B-2		Engine coolant temperature sensor and thermometer
E10	2	★	B-2		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E12	4	Dark gray	A-2		Ignition coil and ignitor
E13	3	Black	A-3		Throttle position sensor
E14	2	Gray	B-3		Knock sensor
E15	2	★	B-3		Camshaft position sensor
E16	2	Gray	B-3		Injector #2
E17	2	Gray	B-4		Injector #4
E19	2	★	B-2		Power steering oil pressure switch
E20	2	Black	A-3		Intake air temperature sensor
E21	3	★	A-3		Intake manifold pressure sensor
★: Non-colored					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
T1	2	Gray	D-1	B24	Bulkhead wiring harness
T2	2	Brown	D-1	B25	
T5	4	Gray	C-2	B19	Bulkhead wiring harness
T6	4	Gray	D-3		Rear oxygen sensor
★: Non-colored					

● **Location**



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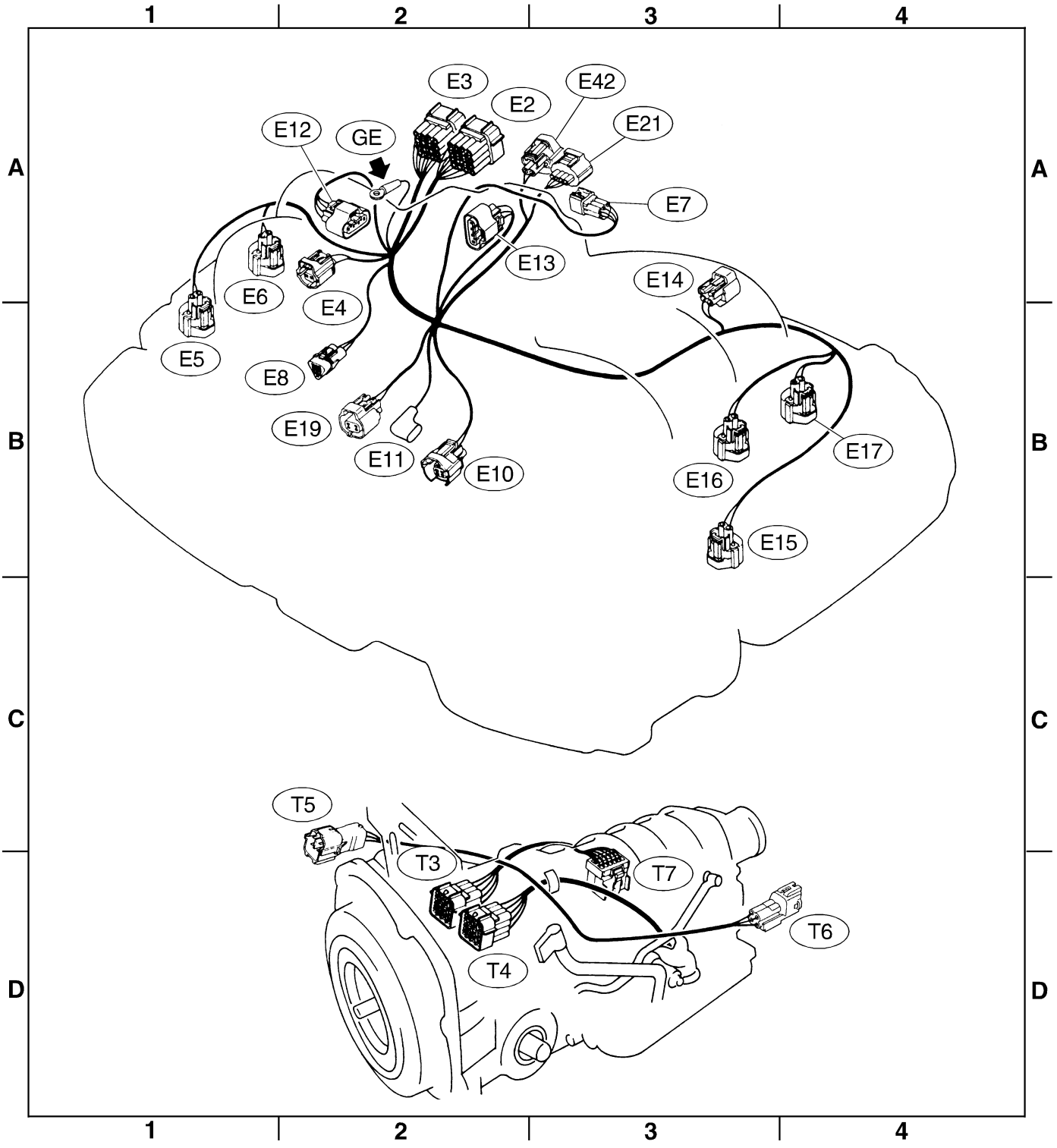
2. AT MODEL

● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
E2	20	★	A-2	B21	Bulkhead wiring harness
E3	16	Brown	A-2	B22	Bulkhead wiring harness
E4	2	Blue	A-2		Purge control solenoid valve
E5	2	Gray	B-1		Injector #1
E6	2	Gray	A-2		Injector #3
E7	6	★	A-3		Idle air control solenoid valve
E8	3	★	B-2		Engine coolant temperature sensor and thermometer
E10	2	★	B-2		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E12	4	Dark gray	A-2		Ignition coil and ignitor
E13	4	★	A-3		Throttle position sensor
E14	2	Gray	B-3		Knock sensor
E15	2	★	B-3		Camshaft position sensor
E16	2	Gray	B-3		Injector #2
E17	2	Gray	B-4		Injector #4
E19	2	★	B-2		Power steering oil pressure switch
E21	4	★	A-3		Pressure sensor and intake air temperature sensor
E42	2	★	A-3		Air assist solenoid valve
★: Non-colored					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
T3	12	★	D-3	B12	Bulkhead wiring harness
T4	20	Black	D-3	B11	
T5	4	Gray	C-2	B19	Bulkhead wiring harness
T6	4	Gray	D-4		Rear oxygen sensor
T7	12	★	C-4		Inhibitor switch
★: Non-colored					

● **Location**



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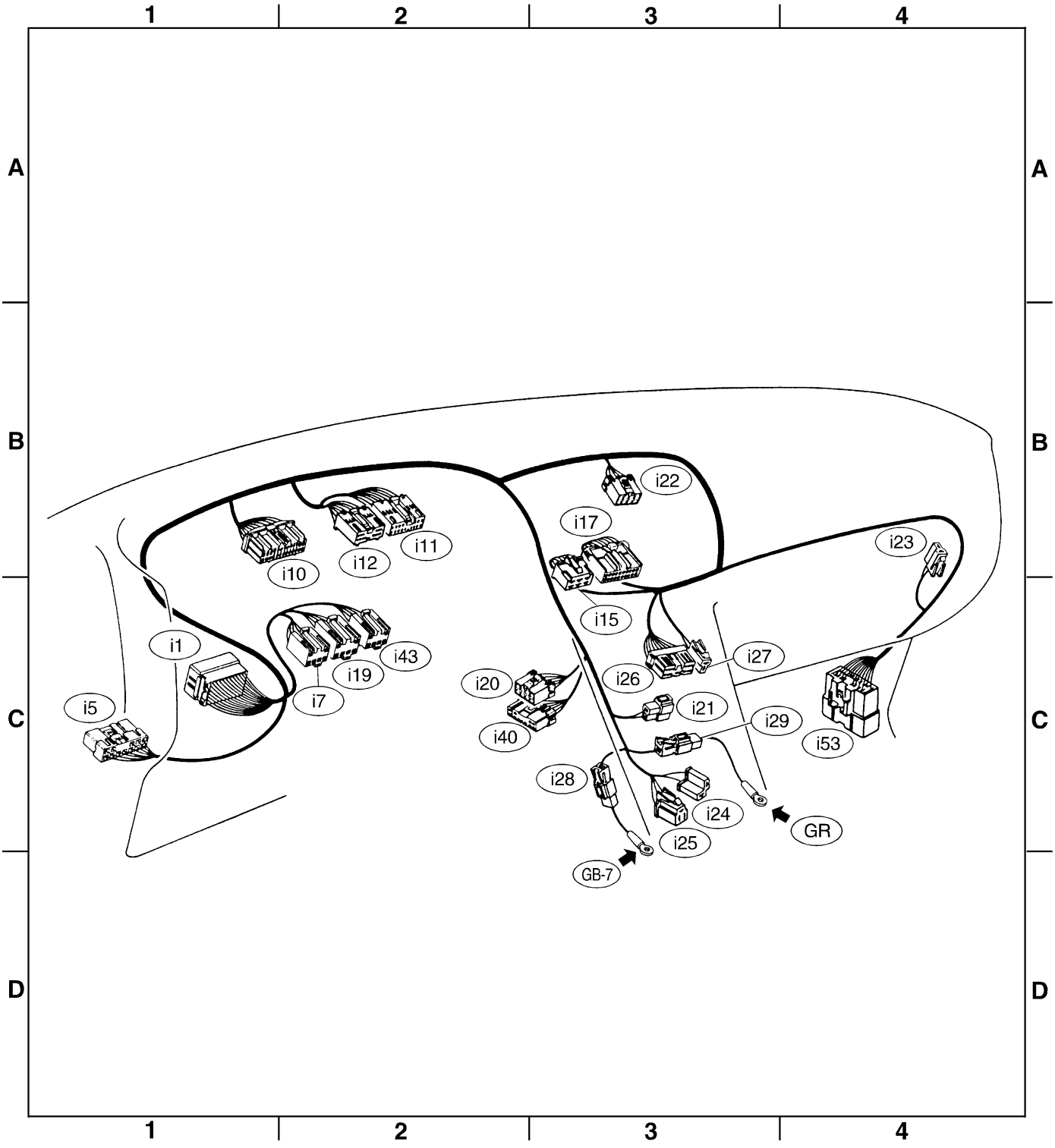
F: INSTRUMENT PANEL WIRING HARNESS

● **List of Items**

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
i1	66	★	C-1	B36	Bulkhead wiring harness (SMJ)
i5	12	★	C-1		F/B
i7	6	Black	C-2		Front fog light switch
i10	30	Green	B-2		Combination meter
i11	16	Green	B-2		
i12	14	Green	B-2		
i15	6	★	B-3		Mode control panel
i17	20	Gray	B-3		
i19	6	Brown	C-2		Cruise control main switch
i20	8	★	C-2	B80	Bulkhead wiring harness
i21	2	Black	C-3		Ash tray illumination light
i22	8	★	B-3		Hazard switch
i23	2	★	B-4		Glove box illumination light
i24	2	★	C-3		Cigarette lighter
i25	3	★	C-3		Cigarette lighter illumination light
i26	14	★	C-3		Radio
i27	2	★	C-3		CD player illumination light
i28	1	Black	C-3		Body ground
i29	1	Black	C-3		Body ground (Radio)
i40	10	★	C-2	B201	Bulkhead wiring harness
i43	6	★	C-2		Wiper deicer switch
i53	16	Blue	C-4	R98	Rear wiring harness
★: Non-colored					

● **Location**



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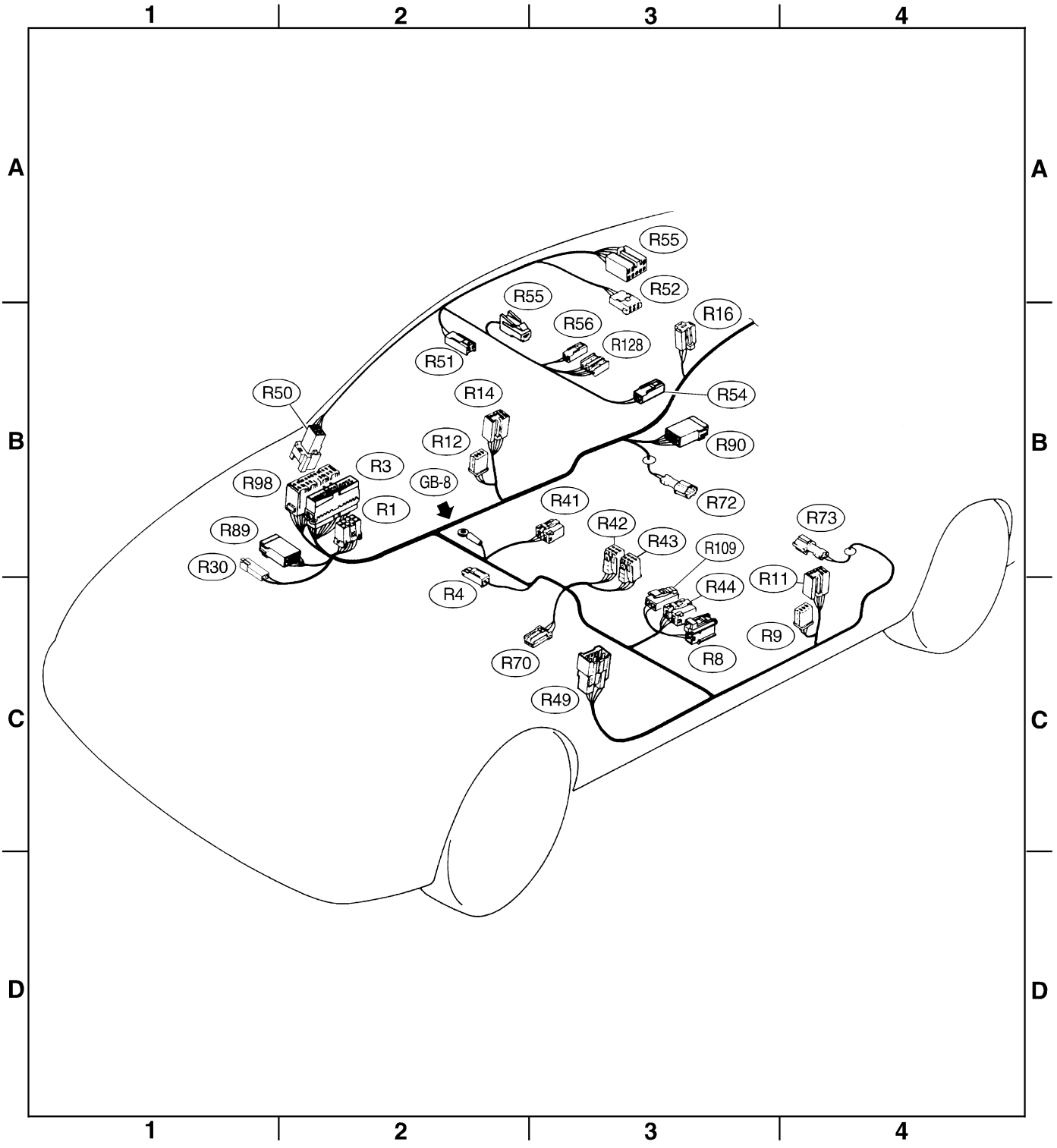
G: REAR WIRING HARNESS

● **List of Items**

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R1	8	★	B-2	B97	Bulkhead wiring harness
R3	32	★	B-2	B99	
R4	1	Black	B-2		Parking brake switch
R8	2	★	C-3		Seat belt switch
R9	3	★	C-4		Front door switch LH
R11	8	★	B-4	D21	Rear door cord LH
R12	3	★	B-2		Front door switch RH
R14	8	★	B-2	D27	Rear door cord RH
R16	3	Black	B-3		Rear door switch RH
R30	2	Black	B-2		Diode (Rear gate)
R41	4	Blue	B-3		Seat heater RH
R42	6	★	B-3		Seat heater switch RH
R43	6	Blue	B-3		Seat heater switch LH
R44	4	Blue	C-3		Seat heater LH
R49	8	★	C-3	F55	Front wiring harness
R50	6	★	B-2	B90	Bulkhead wiring harness
R51	2	★	B-2		Vanity mirror illumination light RH
R52	3	★	B-3		Room light
R54	2	★	B-3		Vanity mirror illumination light LH
R55	1	★	B-2		Sunroof (Sedan)
	8	★	A-3		Sunroof control module (Wagon)
R56	2	★	B-3		Spot light
R70	3	Black	C-2		ABS G sensor
R72	2	Gray	B-3		Rear ABS sensor RH
R73	2	Gray	B-4		Rear ABS sensor LH
R89	8	★	B-2		Speaker joint connector LH (Wagon)
R90	8	★	B-3		Speaker joint connector RH (Wagon)
R98	16	Blue	B-2	i53	Instrument panel wiring harness
R109	2	Black	C-3		Power seat
R128	5	★	B-3		Sunroof switch (Wagon)
★: Non-colored					

● **Location**



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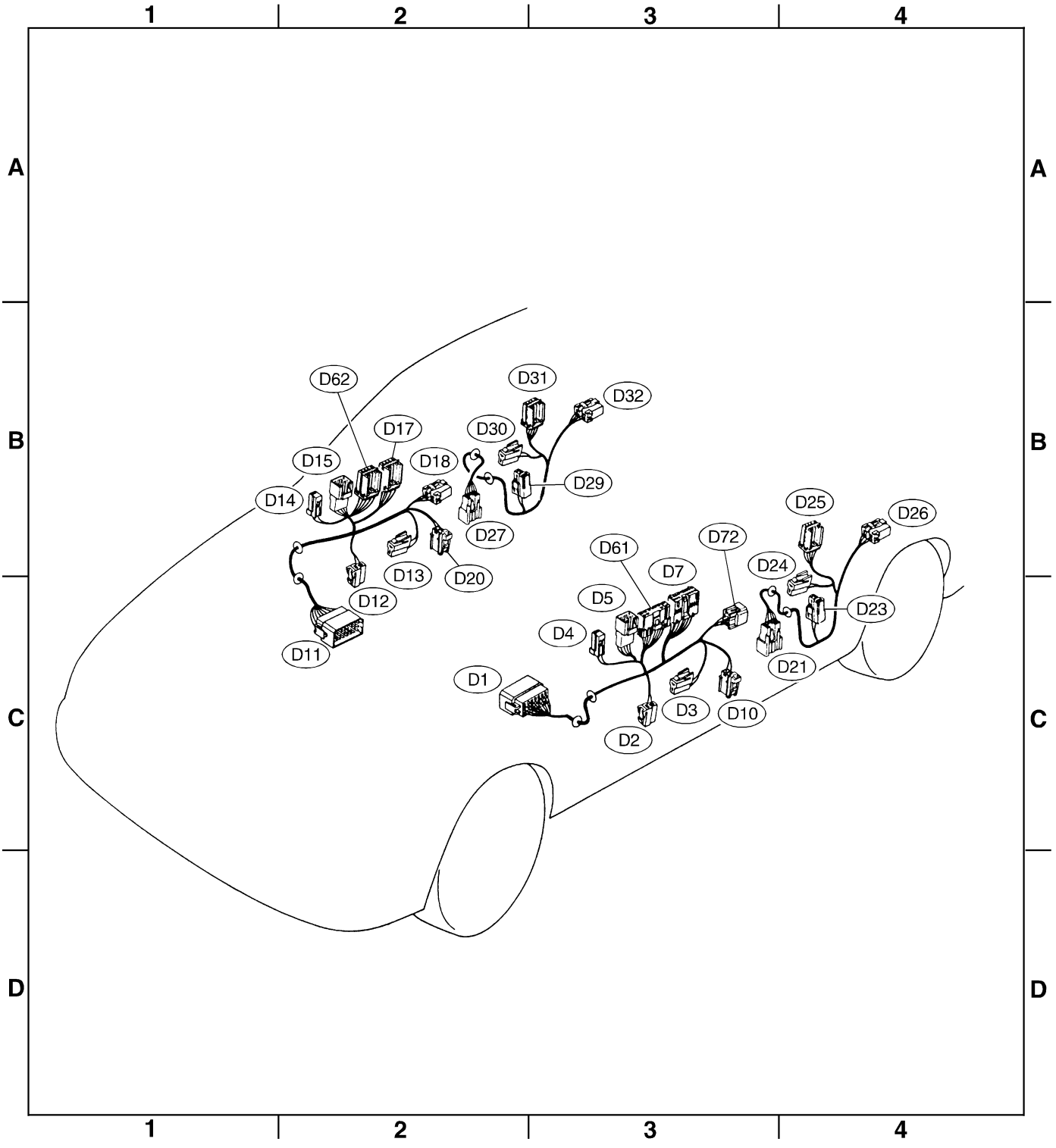
H: DOOR CORD

● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
D1	24	★	C-2	B30	Bulkhead wiring harness
D2	2	★	C-3		Front door speaker LH
D3	2	Green	C-3		Front power window motor LH
D4	2	Black	C-3		Front door tweeter LH
D5	6	★	C-3		Remote control rearview mirror LH
D7	16	★	C-3		Power window main switch
D10	2	★	C-3		Step light LH
D11	24	★	C-2	B101	Bulkhead wiring harness
D12	2	★	C-2		Front door speaker RH
D13	2	Green	B-2		Front power window motor RH
D14	2	Black	B-2		Front door tweeter RH
D15	6	★	B-2		Remote control rearview mirror RH
D17	6	★	B-2		Front power window sub switch RH
D18	4	★	B-2		Front door lock actuator RH
D20	2	★	B-2		Step light RH
D21	8	★	C-3	R11	Rear wiring harness
D23	2	Black	C-4		Rear door speaker LH
D24	2	Green	C-4		Rear power window motor LH
D25	6	★	B-4		Rear power window sub switch LH
D26	4	★	B-4		Rear door lock actuator LH
D27	8	★	B-2	R14	Rear wiring harness
D29	2	Black	B-2		Rear door speaker RH
D30	2	Green	B-2		Rear power window motor RH
D31	6	★	B-2		Rear power window sub switch RH
D32	4	★	B-3		Rear door lock actuator RH
D61	10	★	C-3		Remote control rearview mirror switch
D62	6	Brown	B-2		Front door lock switch RH
D72	4	★	C-3		Front door lock actuator LH
★: Non-colored					

● **Location**



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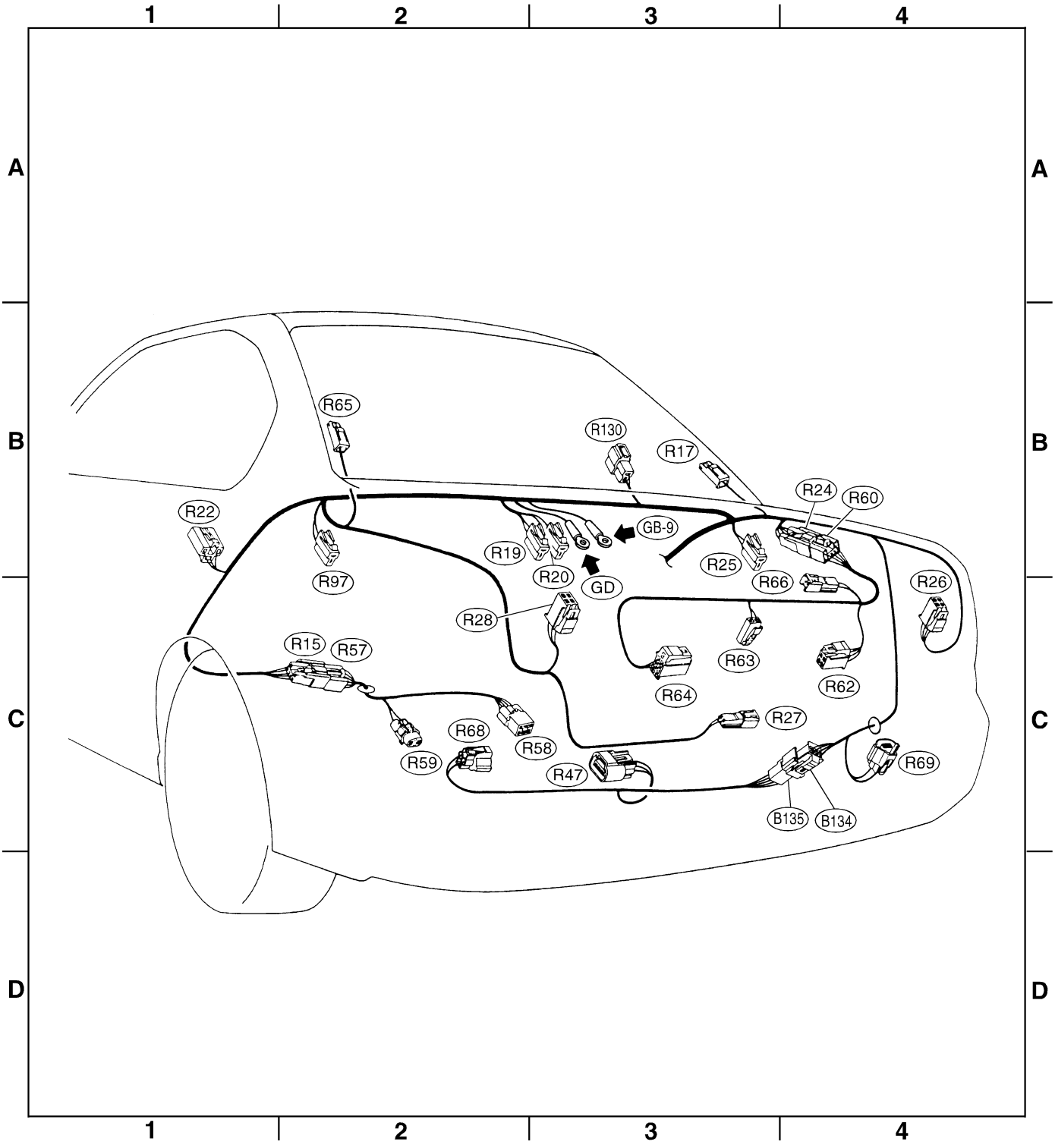
I: REAR WIRING HARNESS AND TRUNK LID CORD (SEDAN)

● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R15	6	Black	C-2	R57	Fuel tank cord
R17	1	Black	B-3		Rear defogger (Power) (Without choke coil model)
R19	2	★	B-2		High-mounted stop light
R20	2	Blue	B-3		Trunk room light
R22	3	Black	B-1		Rear door switch LH
R24	6	★	B-4	R60	Trunk lid cord
R25	2	Black	B-3		Rear defogger condenser
R26	4	★	B-4		Rear combination light RH
R27	2	★	C-3		Trunk room light switch
R28	4	★	C-3		Rear combination light LH
R47	3	Black	C-3		Internal pressure sensor
R57	6	Black	C-2	R15	Rear wiring harness
R58	6	Gray	C-2		Fuel gauge module & fuel pump assembly
R59	2	★	C-2		Fuel gauge sub module
R60	6	★	B-4	R24	Rear wiring harness
R62	4	★	C-4		Rear finisher light RH
R63	2	★	C-3		License plate light
R64	4	★	C-3		Rear finisher light LH
R65	1	Black	B-2		Rear defogger (Ground) (Without choke coil model)
R66	2	Black	B-4		High-mounted stop light (Rear spoiler)
R68	2	Gray	C-3		Pressure control solenoid valve
R69	2	★	C-4		Drain valve
R97	2	★	B-2		Antenna amp.
R130	2	★	B-3		Rear defogger (With choke coil model)
R134	6	Gray	C-4	R135	ORVR cord
R135	6	Gray	C-4	R134	Rear wiring harness
★: Non-colored					

● **Location**



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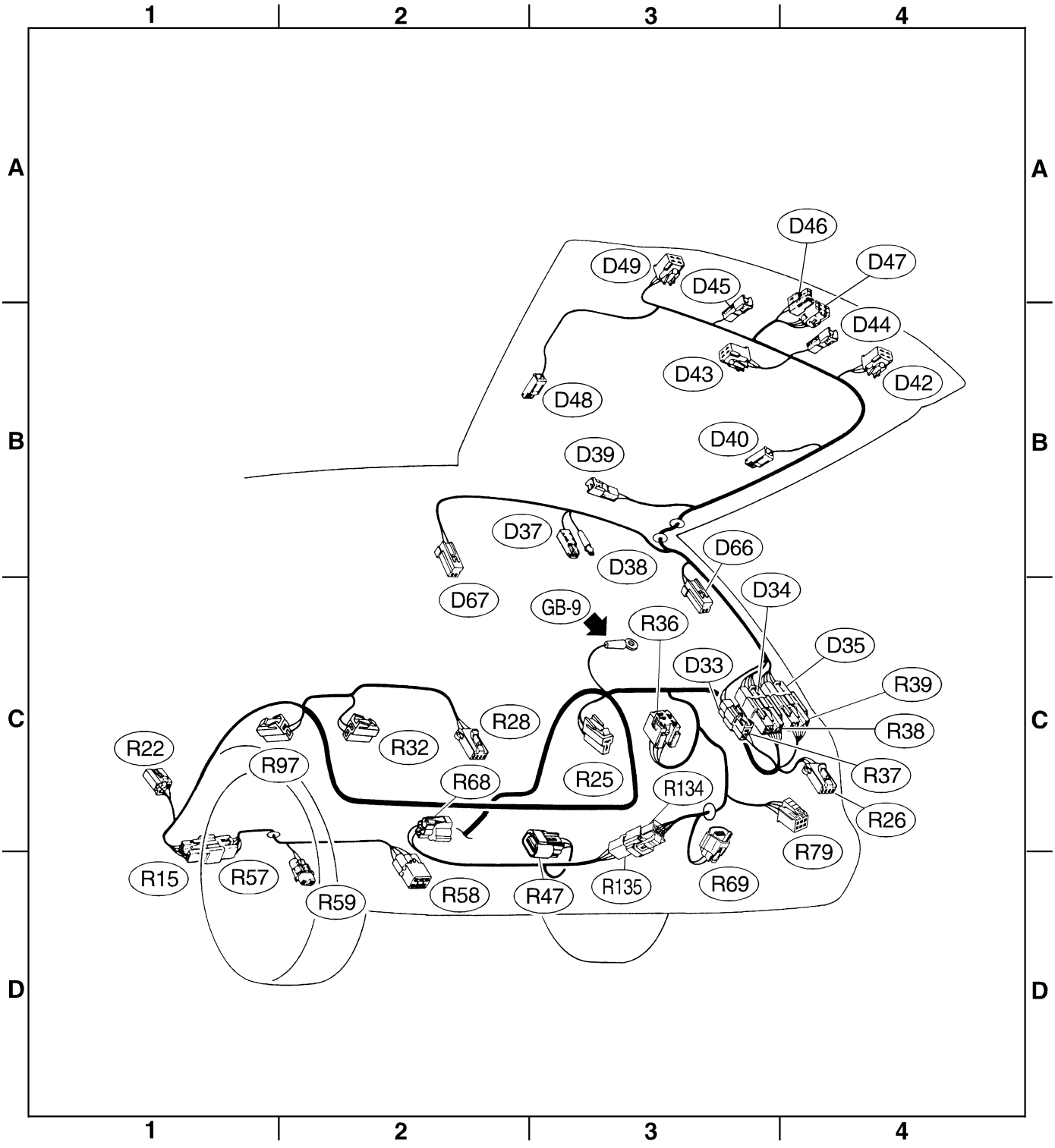
J: REAR WIRING HARNESS AND REAR GATE CORD (WAGON)

● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R15	6	Black	D-1	R57	Fuel tank cord
R22	3	Black	C-1		Rear door switch LH
R25	2	Black	C-3		Rear defogger condenser
R26	4	Black	C-4		Rear combination light RH
R28	4	Black	C-2		Rear combination light LH
R32	2	★	C-2		Rear accessory power supply socket
R36	5	Black	C-3		Rear wiper relay
R37	2	★	C-3	D33	Rear gate cord
R38	8	★	C-3	D34	
R39	8	Black	C-4	D35	
R47	3	Black	C-3		Internal pressure sensor
R57	6	Black	D-1	R15	Rear wiring harness
R58	6	Gray	D-2		Fuel gauge module & fuel pump assembly
R59	2	★	D-2		Fuel gauge sub module
R68	2	Gray	C-2		Pressure control solenoid valve
R69	2	★	D-3		Drain valve
R79	6	★	C-2		Trailer connector
R97	2	★	C-1		Antenna amp.
R134	6	Gray	C-3	R135	ORVR cord
R135	6	Gray	C-3	R134	Rear wiring harness
★: Non-colored					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
D33	2	★	C-3	R37	Rear wiring harness
D34	8	★	C-3	R38	
D35	8	Black	C-4	R39	
D37	1	Black	B-3		Luggage room light (Power)
D38	1	★	B-3		Luggage room light
D39	2	★	B-3		High-mounted stop light
D40	1	Black	B-3		Rear defogger (Power)
D42	4	★	B-4		Rear finisher light RH
D43	4	★	B-3		Rear wiper motor
D44	2	★	B-4		License plate light RH
D45	2	★	A-3		License plate light LH
D46	2	Black	A-4		Rear gate latch switch
D47	4	★	B-4		Rear gate lock actuator
D48	1	Black	B-3		Rear defogger (Ground)
D49	4	★	A-3		Rear finisher light LH
D66	2	Black	C-3		Rear tweeter RH
D67	2	Black	B-2		Rear tweeter LH
★: Non-colored					

● **Location**



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