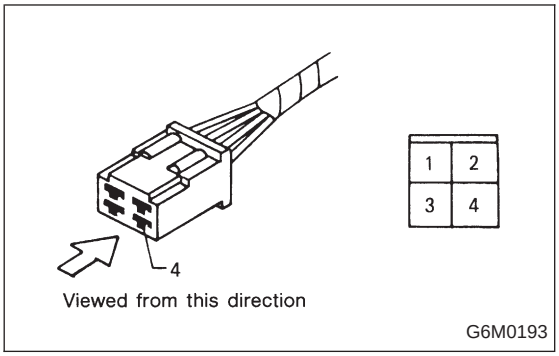
WIRING DIAGRAM 6-3

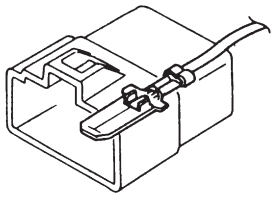
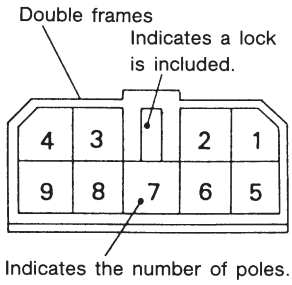
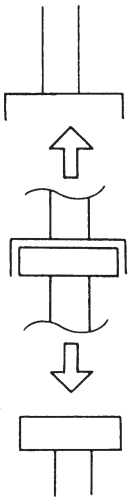
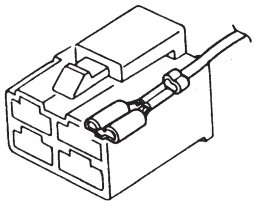
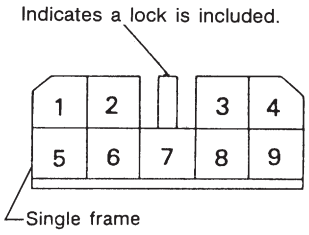


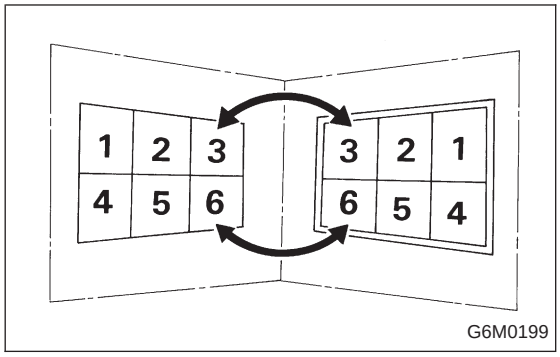
1. General Description

1. 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:
1) Each connector and its terminal position are indicated by a sketch of the connector in a disconnected state which is viewed from the front, as shown in figure.

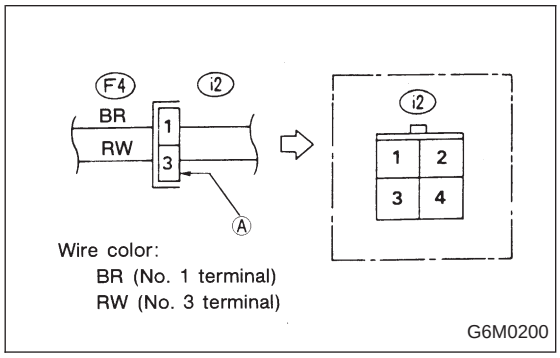
2) The number of poles or pins, presence of a lock, and pin number of each terminal are indicated in the sketch of each connector.
In the sketch, the highest pole number refers to the number of poles which the connector has. For example, the sketch of the connector shown in figure indicates the connector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



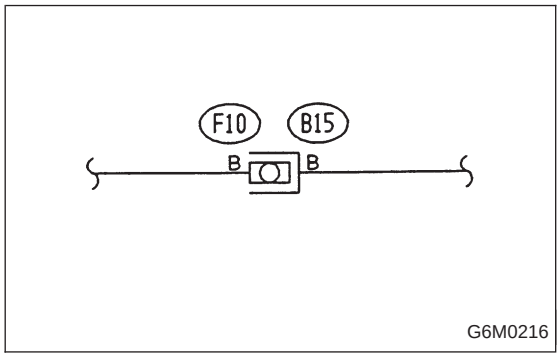
When one set of connectors is viewed from the front side, the pole numbers of one connector are symmetrical to those of the other. When these two connectors are connected as a unit, the poles which have the same number are joined.

3) Electrical wiring harness
The connectors are numbered along with the number of poles, external colors, and mating connections in the accompanying list.

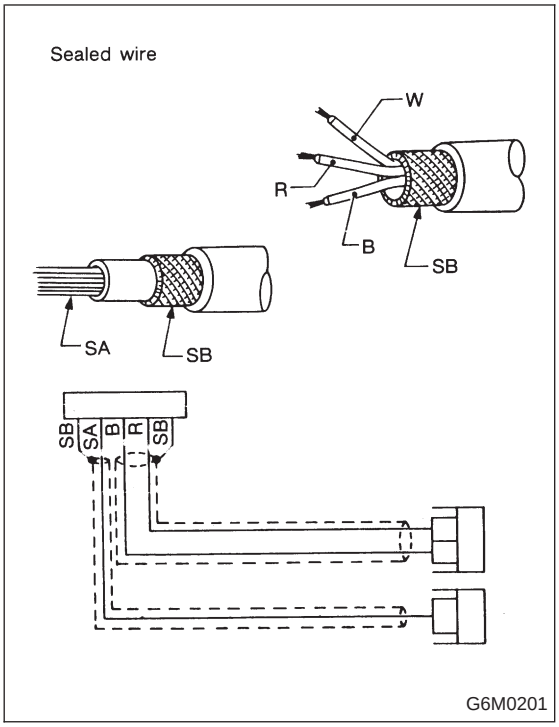


4) The sketch of each connector in the wiring diagram usually shows the “A” side of the connector. The relationship between the wire color, terminal number and connector is described in figure.

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.

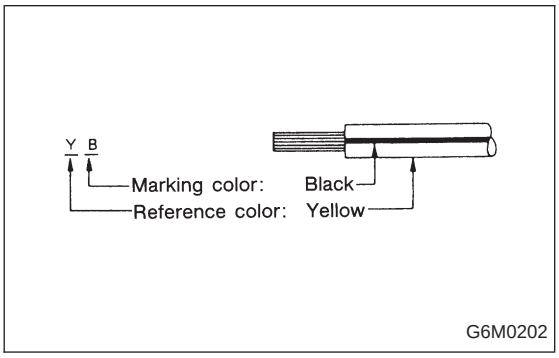


5) In wiring diagram, connectors which have no terminal number refer to one-pole types. Sketches of these connectors are omitted intentionally.



6) 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)



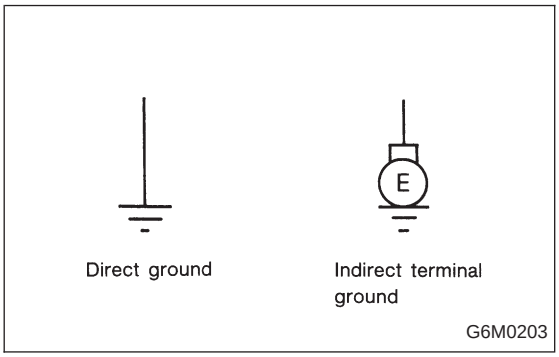
7) The wire color code, which consists of two letters (or three letters including Br or Lg), indicates the standard color (base color of the wire covering) by its first letter and the stripe marking by its second letter.

8) The table below lists the nominal sectional areas and allowable currents of the wires.

Nominal sectional area mm^2	No. of strands/ strand diameter	Outside diameter of finished wiring mm	Allowable current Amps/40°C
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

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 above 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.



9) 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:

(GB) Body ground

(GE) Engine ground

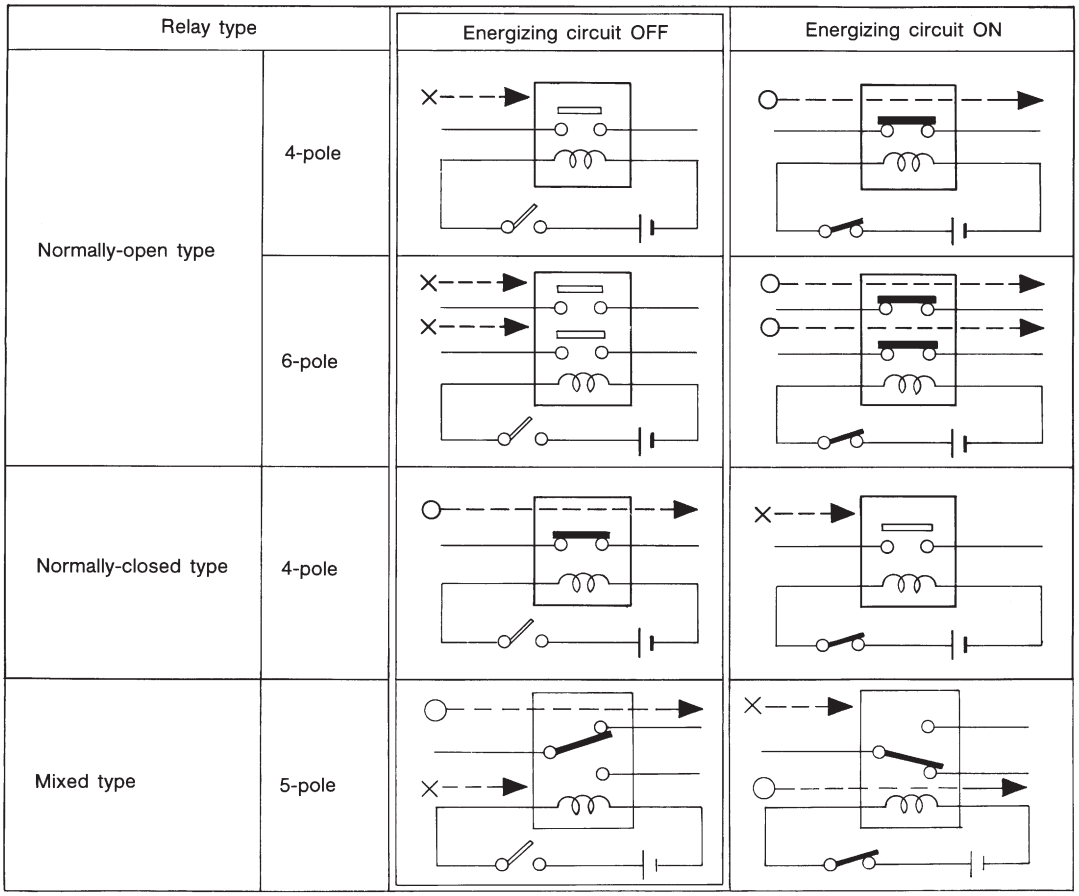
(GR) Radio ground

(GD) Rear defogger ground

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

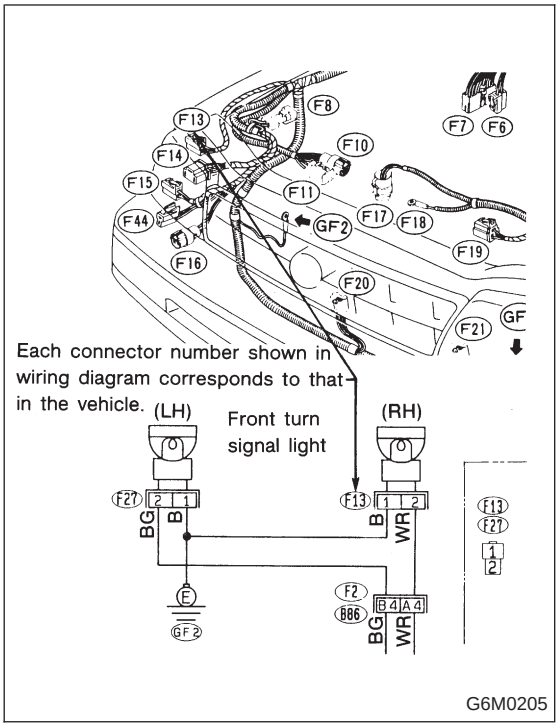
WIRING DIAGRAM

10) 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.



G6M0204

Key to symbols:
◯ → : Current flows.
X → : Current does not flow.



11) 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, as indicated in table below.

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 adapter cord LH & RH
I	Instrument panel wiring harness
R	Rear wiring harness, Rear defogger cord (Ground) Fuel tank cord, Roof cord, Rear gate cord, Rear gate lock adapter cord

2. Basic Diagnostics Procedures

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

A: IDENTIFICATION OF TROUBLE SYMPTOM

Determine what the problem is based on the symptom.

B: PROBABLE CAUSE OF TROUBLE

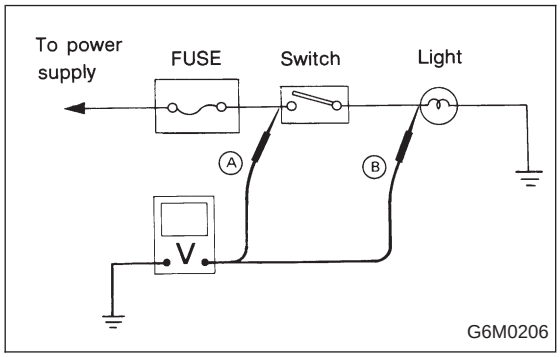
Look at the wiring diagram and check the system's circuit. Then check the switch, relay, fuse, ground, etc.

C: 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.

D: CONFIRMATION OF SYSTEM OPERATION

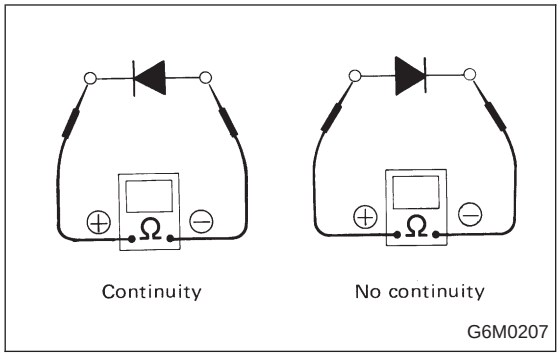
After repairing, ensure that the system operates properly.



E: 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.
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.
4) 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.



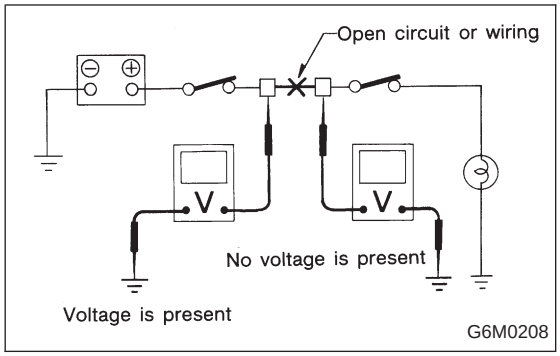
2. CIRCUIT CONTINUITY CHECKS

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 “o—o” 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.

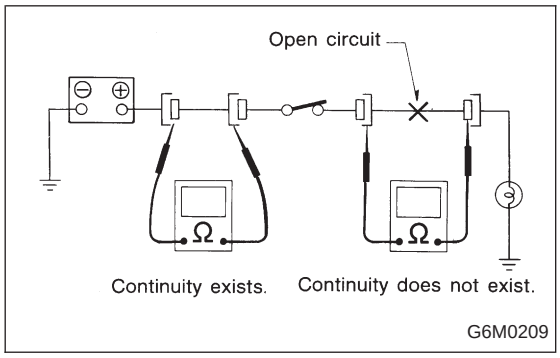
Terminal / Switch Position	1	2	3	4	5	6
OFF						
1	○				○	○
2	○			○		○
3	○		○			○
4	○	○				○



3. HOW TO DETERMINE AN OPEN CIRCUIT

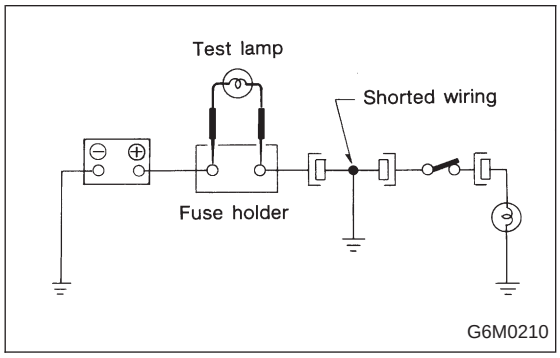
1) Voltmeter Method

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

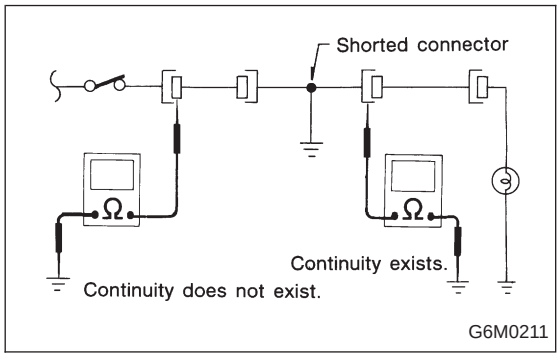
Disconnect all connectors affected, and check continuity in the wiring between adjacent connectors. When the ohmmeter indicates “infinite”, the wiring is open.



4. HOW TO DETERMINE A SHORTCIRCUIT

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.

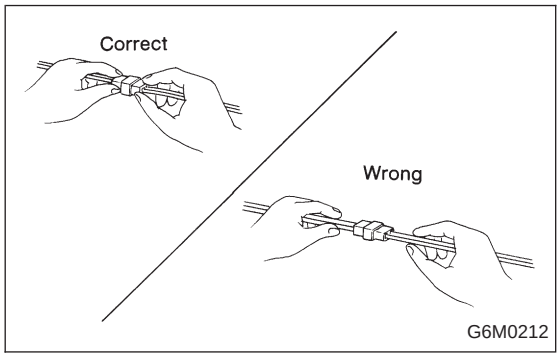
3. Working Precautions

1. PRECAUTIONS WHEN WORKING WITH THE PARTS MOUNTED ON THE VEHICLE

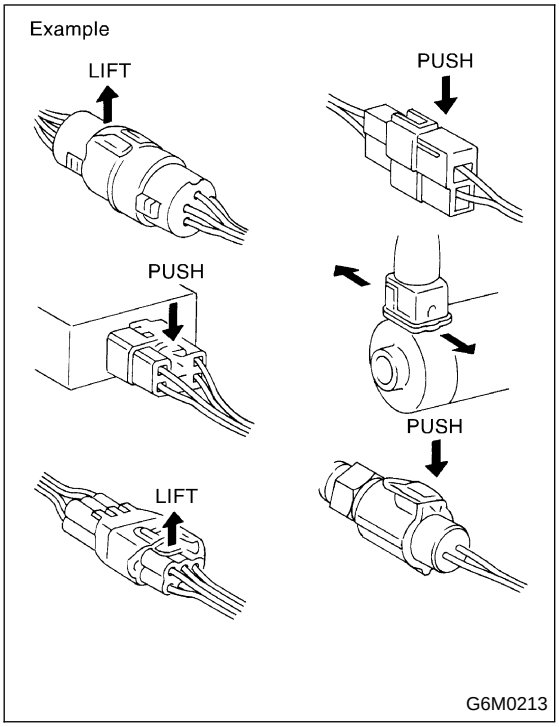
1) When working under a vehicle which is jacked-up, always be sure to use safety stands.
2) The parking brake must always be applied during working. Also, in automatic transmission vehicles, keep the select lever set to the P (Parking) range.
3) Be sure the workshop is properly ventilated when running 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.

2. PRECAUTIONS IN TROUBLE DIAGNOSIS AND REPAIR OF ELECTRIC PARTS

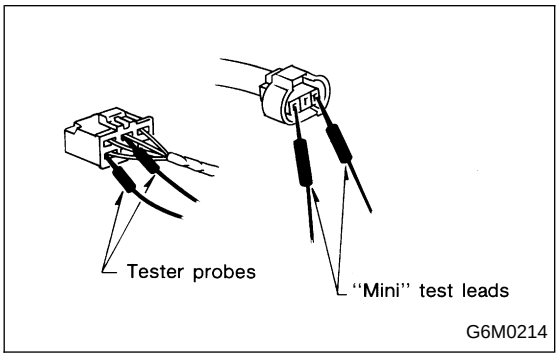
1) The battery cable must be disconnected from the battery's (−) terminal, and the ignition switch must be set to the OFF position, unless otherwise required by the diagnostics.
2) Securely fasten the wiring harness with clamps and slips so that the harness does not interfere with the body end parts 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.

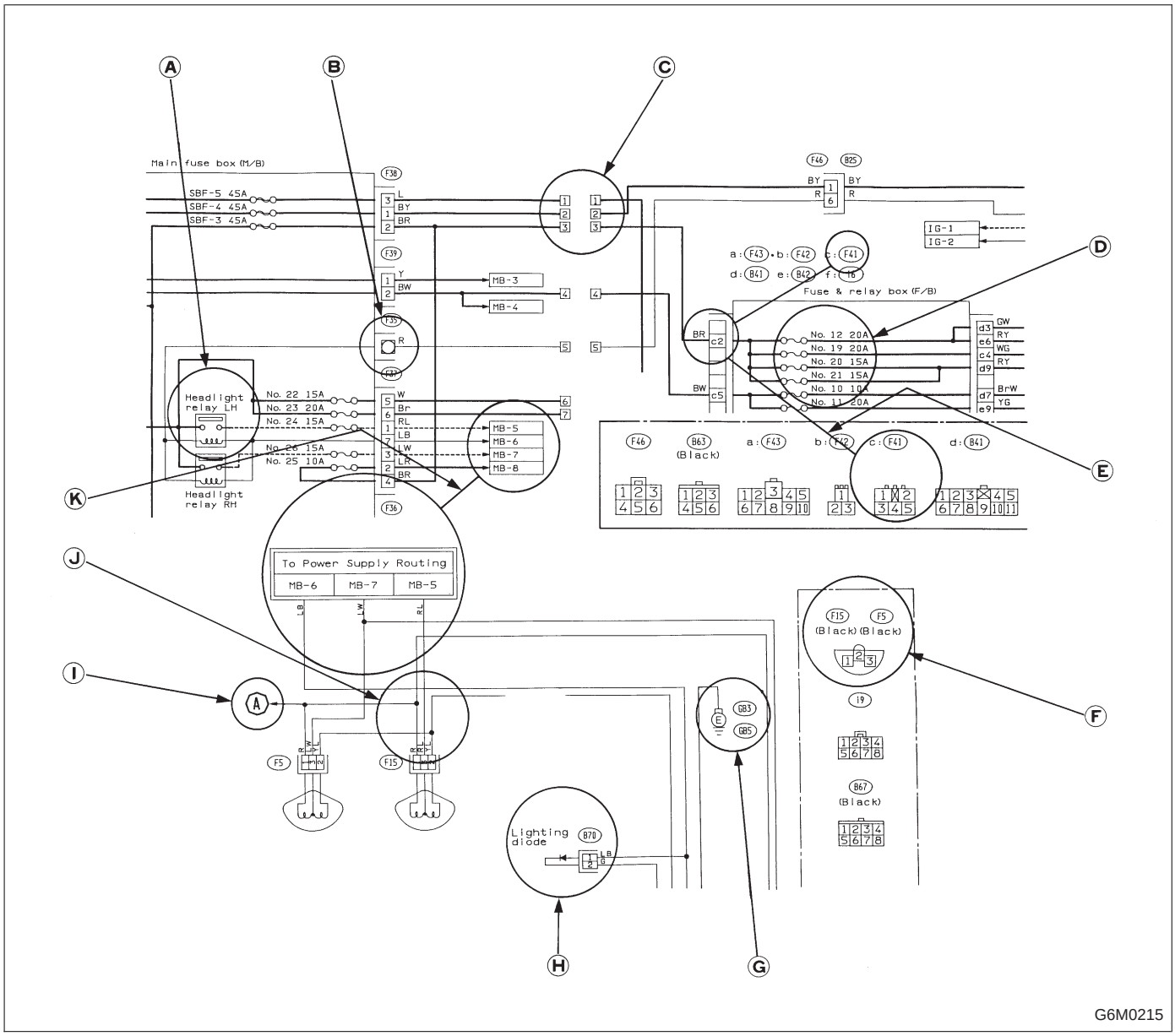
7) Sensors, relays, electrical unit, etc., are sensitive to strong impacts.
Handle them with care so that they are not dropped or mishandled.

ABBREVIATION LIST

Abbr.	Full name
ABS	Antilock Brake System
ACC	Accessory
A/C	Air Conditioning
AD	Auto Down
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

Abbr.	Full name
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

4. How to Use Wiring Diagram



G6M0215

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

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

F: CONNECTOR SKETCH

1. 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.
2. 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), as shown below, facilitates wire tracing from one page to the next.

A ↔ A, B ↔ B

J: SYMBOLS OF WIRE CONNECTION AND CROSSING

 Symbol — Refers to wires which are connected and branched at the "dot" point.

 Symbol — Refers to wires which are crossed but not connected.

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.

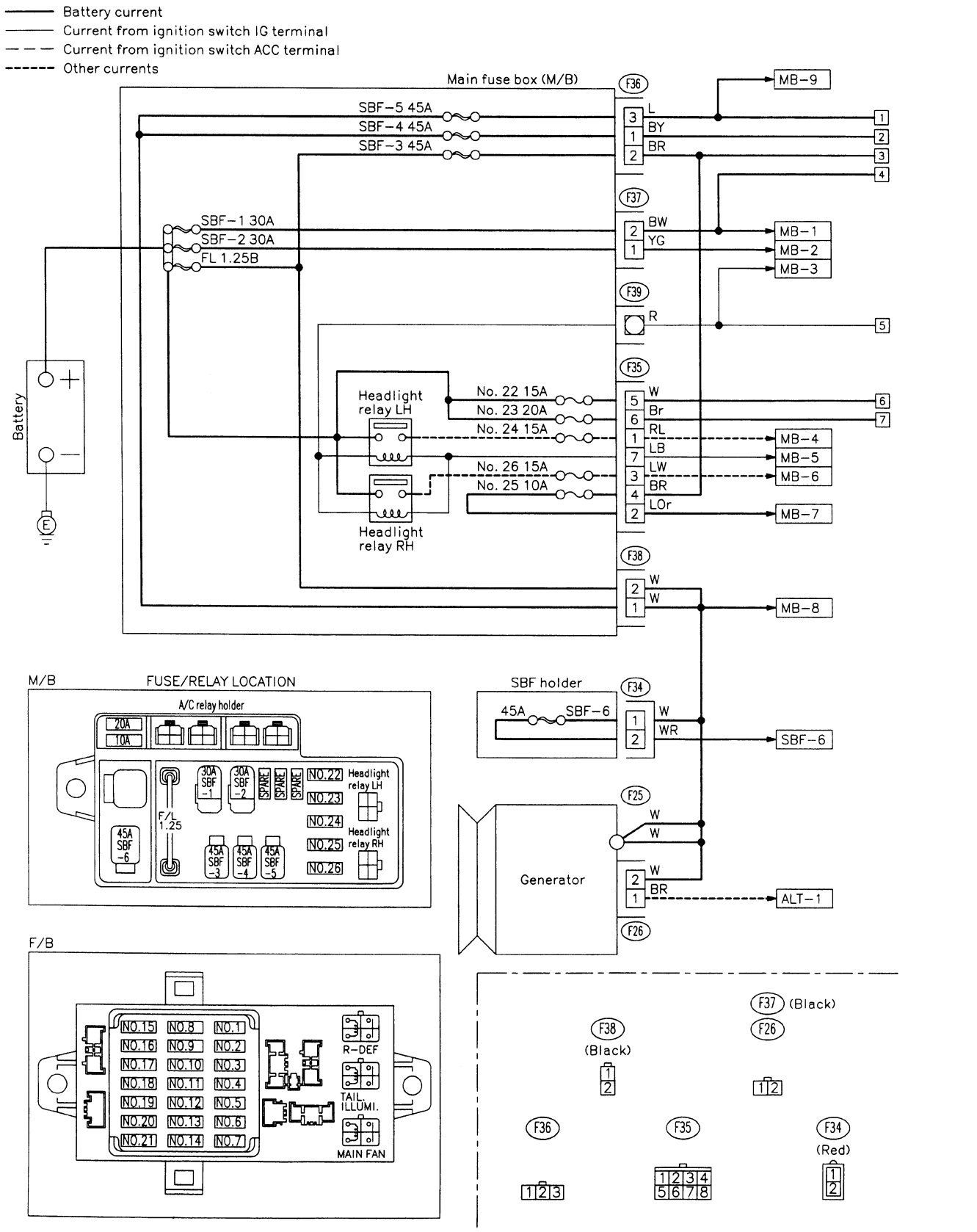
Accordingly, using the POWER SUPPLY ROUTING and wiring diagrams permits service personnel to understand the entire electrical arrangement of a system.

L: SYMBOLS AND ABBREVIATIONS

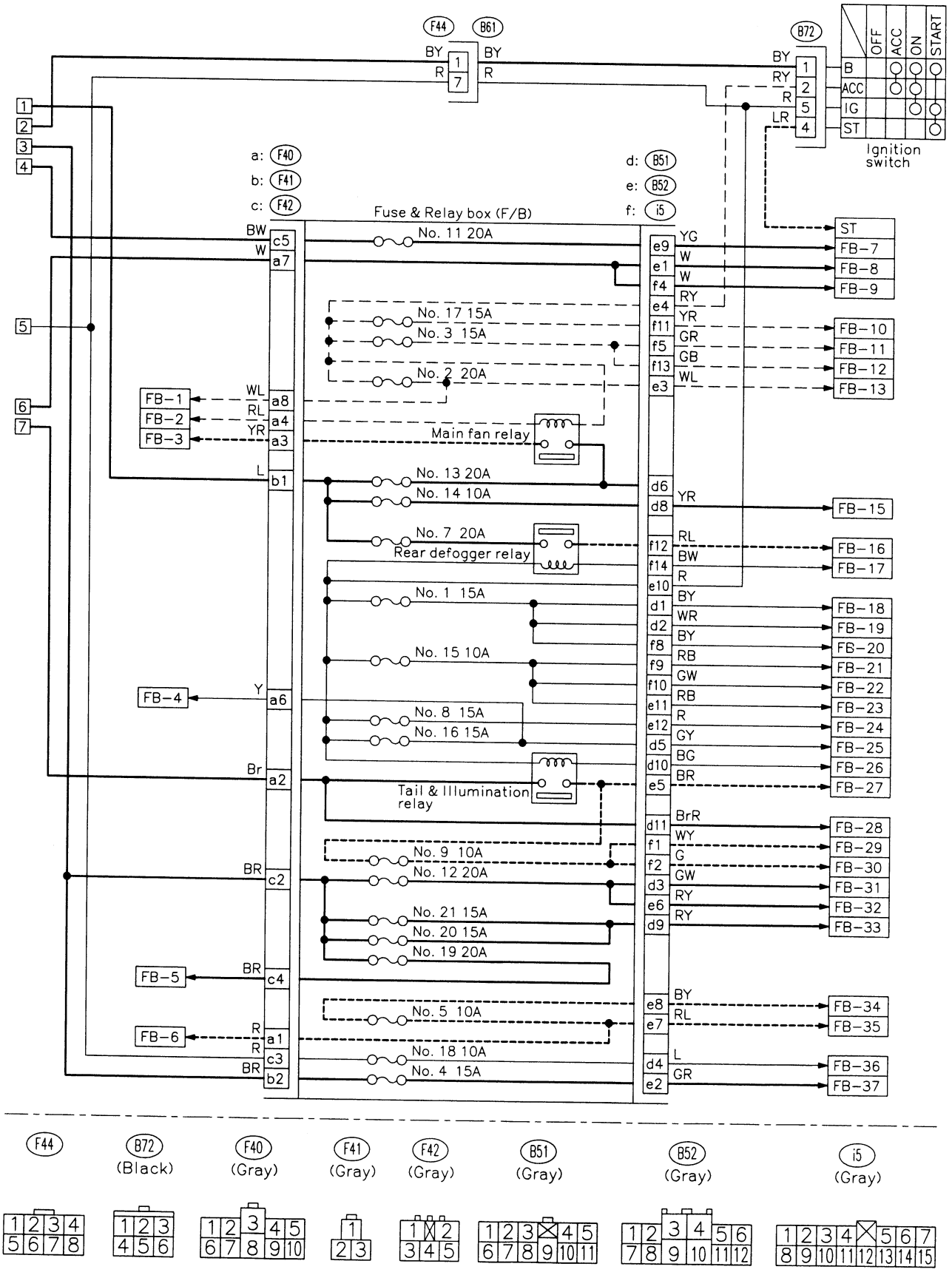
A number of symbols and abbreviations are used in each wiring diagram to easily identify parts or circuits.

5. Wiring Diagram

1. POWER SUPPLY ROUTING

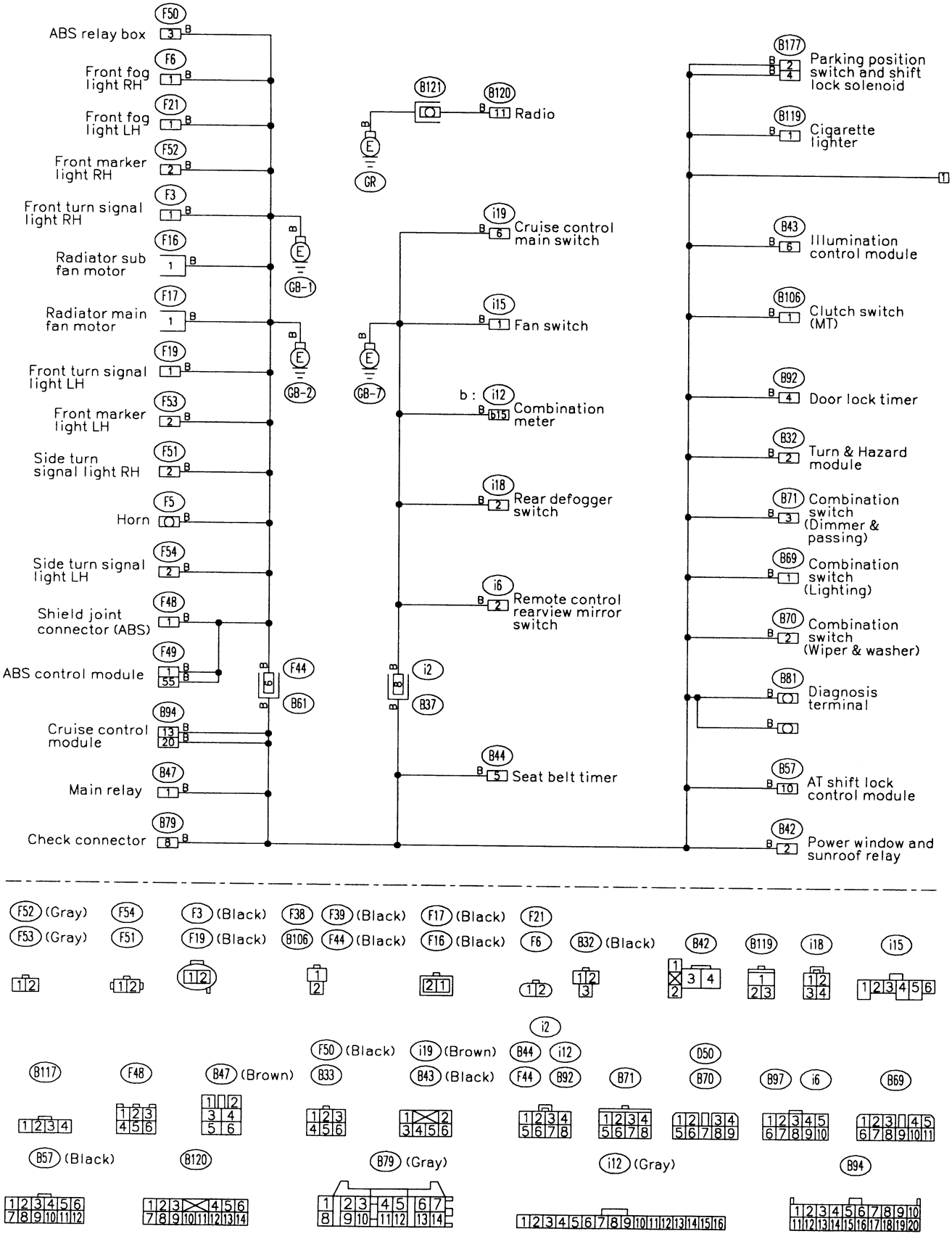


GU01-03A

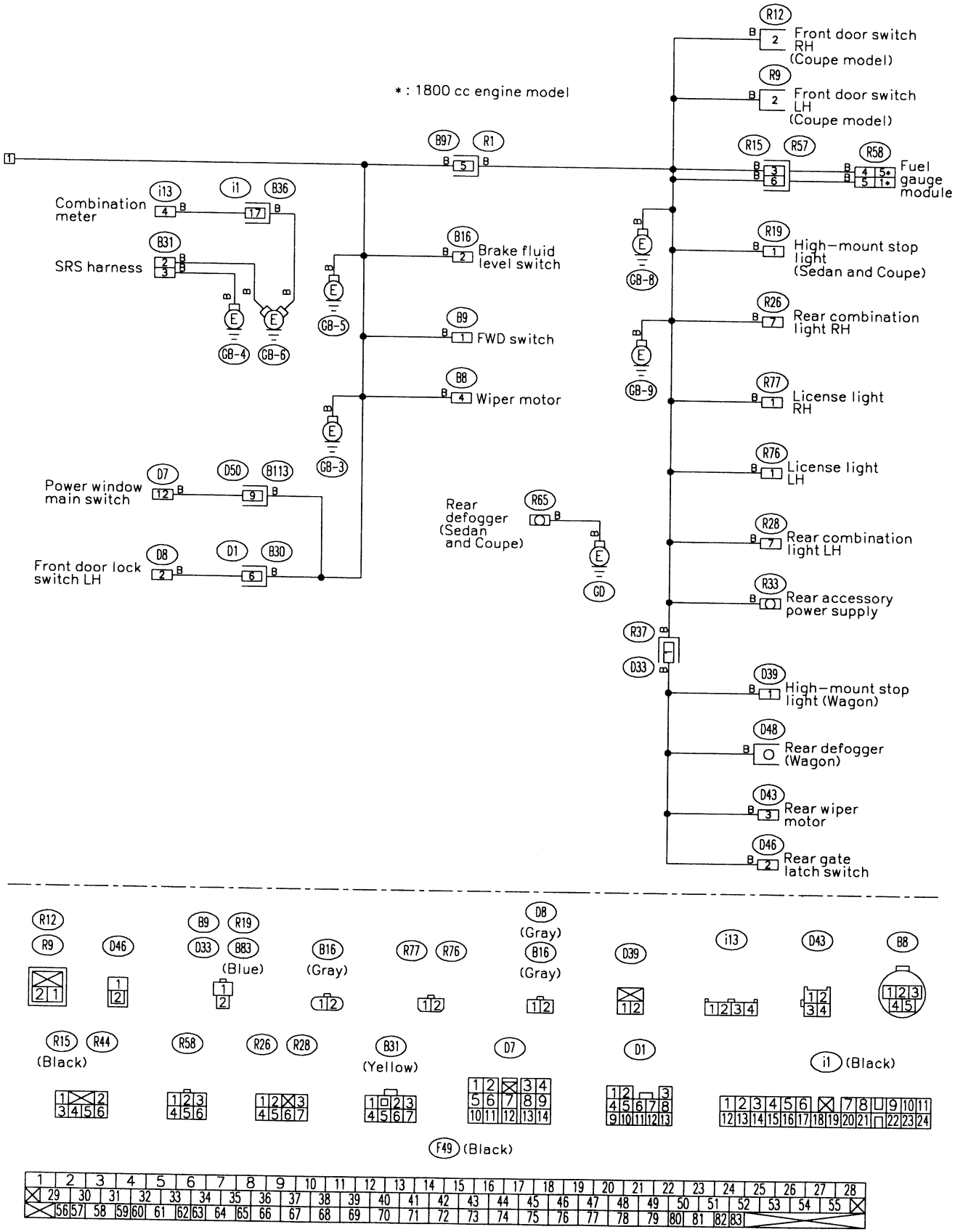

F44
B61
B72
OFF
ACC
ON
START
B
ACC
IG
ST
Ignition switch
a: F40
b: F41
c: F42
d: B51
e: B52
f: i5
Fuse & Relay box (F/B)
No. 11 20A
No. 17 15A
No. 3 15A
No. 2 20A
Main fan relay
No. 13 20A
No. 14 10A
No. 7 20A
Rear defogger relay
No. 1 15A
No. 15 10A
No. 8 15A
No. 16 15A
Tail & Illumination relay
No. 9 10A
No. 12 20A
No. 21 15A
No. 20 15A
No. 19 20A
No. 5 10A
No. 18 10A
No. 4 15A
FB-1
FB-2
FB-3
FB-4
FB-5
FB-6
FB-7
FB-8
FB-9
FB-10
FB-11
FB-12
FB-13
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
F44
B72 (Black)
F40 (Gray)
F41 (Gray)
F42 (Gray)
B51 (Gray)
B52 (Gray)
i5 (Gray)

GU01-03B

2. GROUND DISTRIBUTION

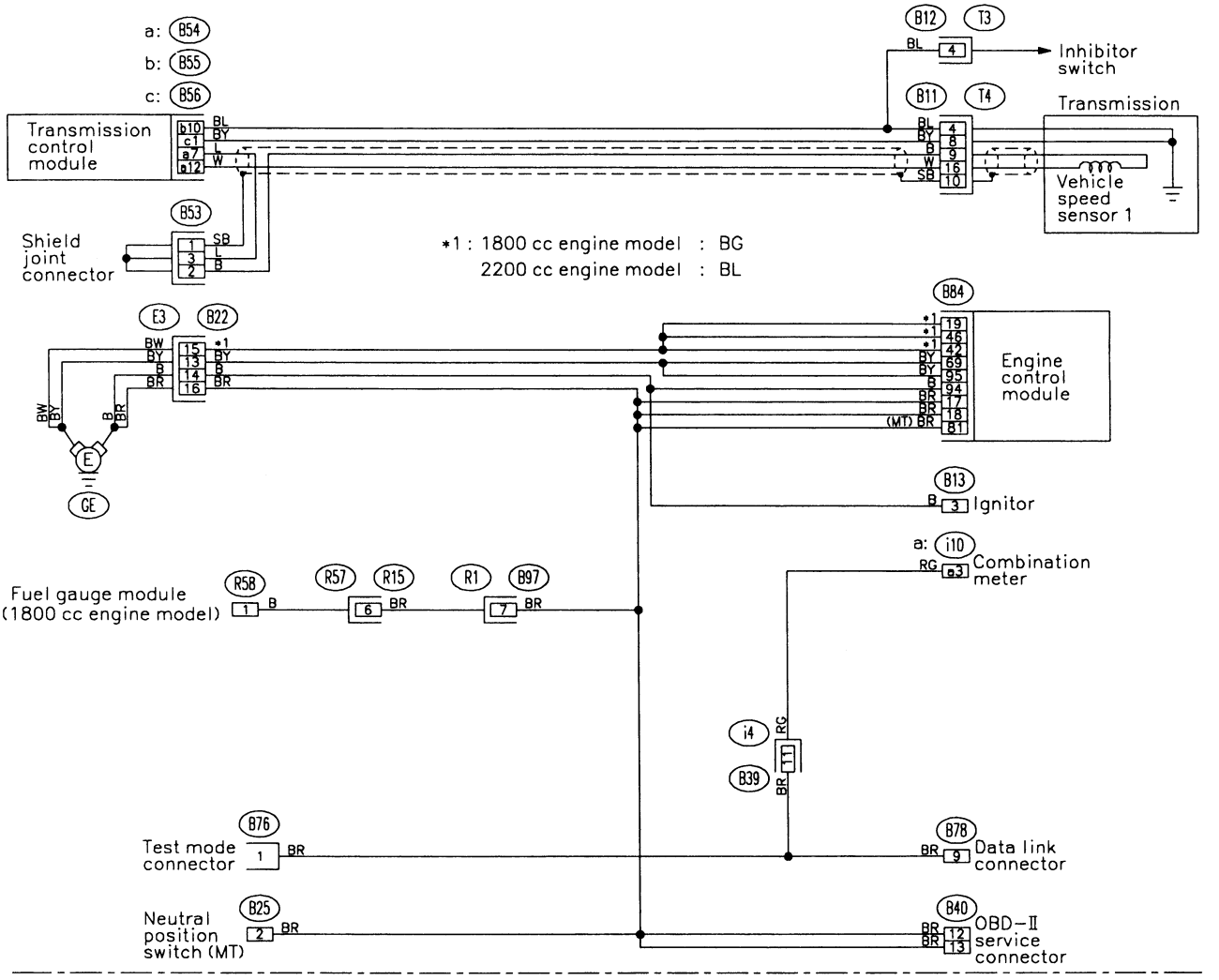


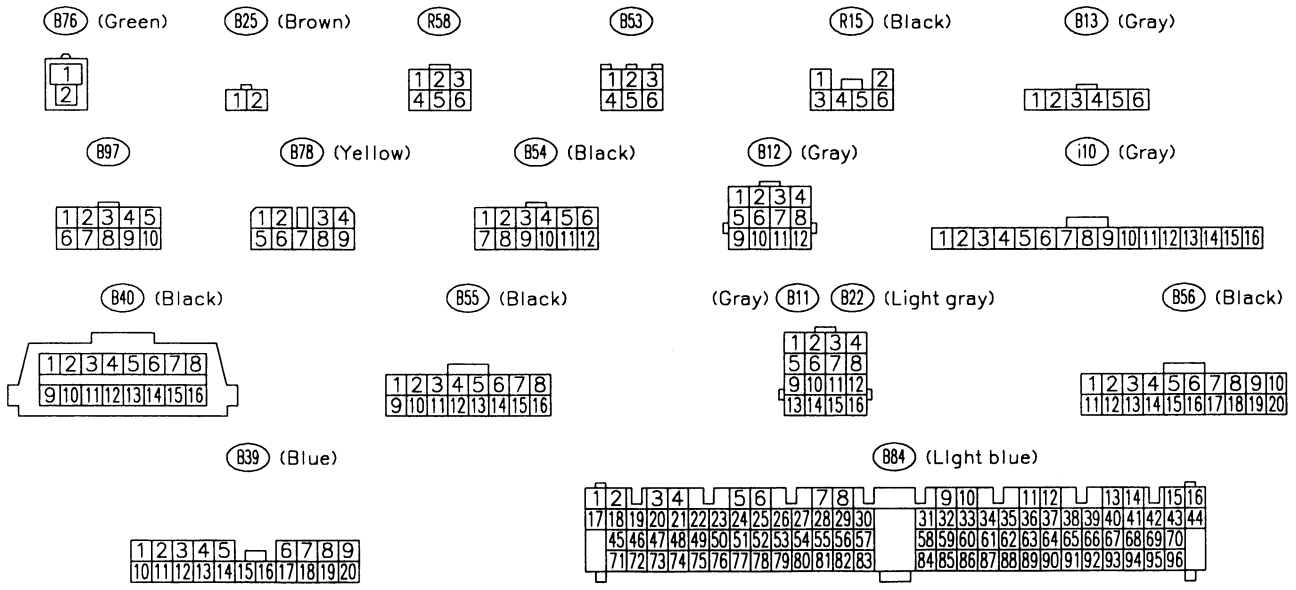
GU04-04A


* : 1800 cc engine model
Combination meter
SRS harness
Power window main switch
Front door lock switch LH
Brake fluid level switch
FWD switch
Wiper motor
Rear defogger (Sedan and Coupe)
Front door switch RH (Coupe model)
Front door switch LH (Coupe model)
Fuel gauge module
High−mount stop light (Sedan and Coupe)
Rear combination light RH
License light RH
License light LH
Rear combination light LH
Rear accessory power supply
High−mount stop light (Wagon)
Rear defogger (Wagon)
Rear wiper motor
Rear gate latch switch
(Black)
(Blue)
(Gray)
(Yellow)
F49 (Black)

GU04-04B

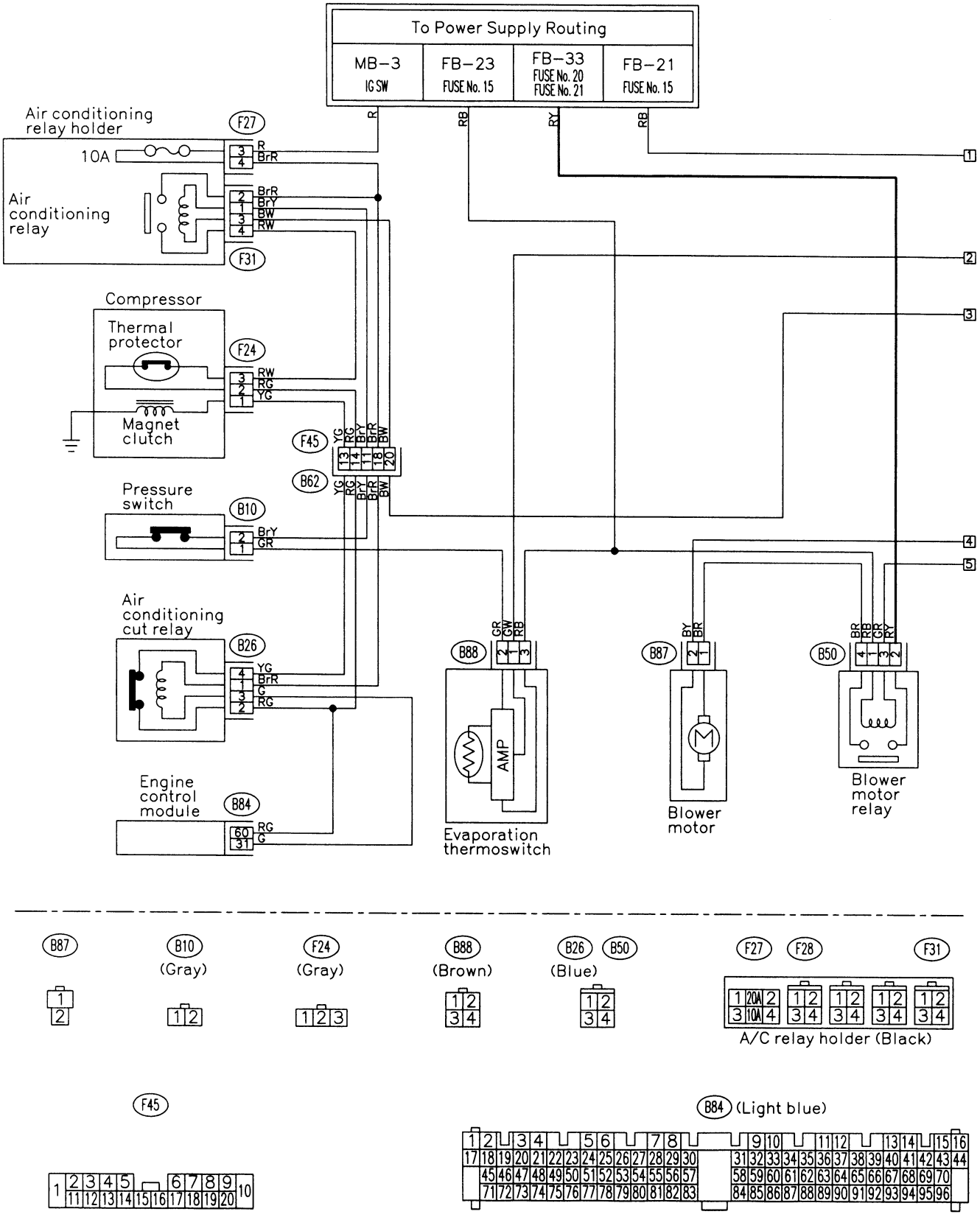
WIRING DIAGRAM





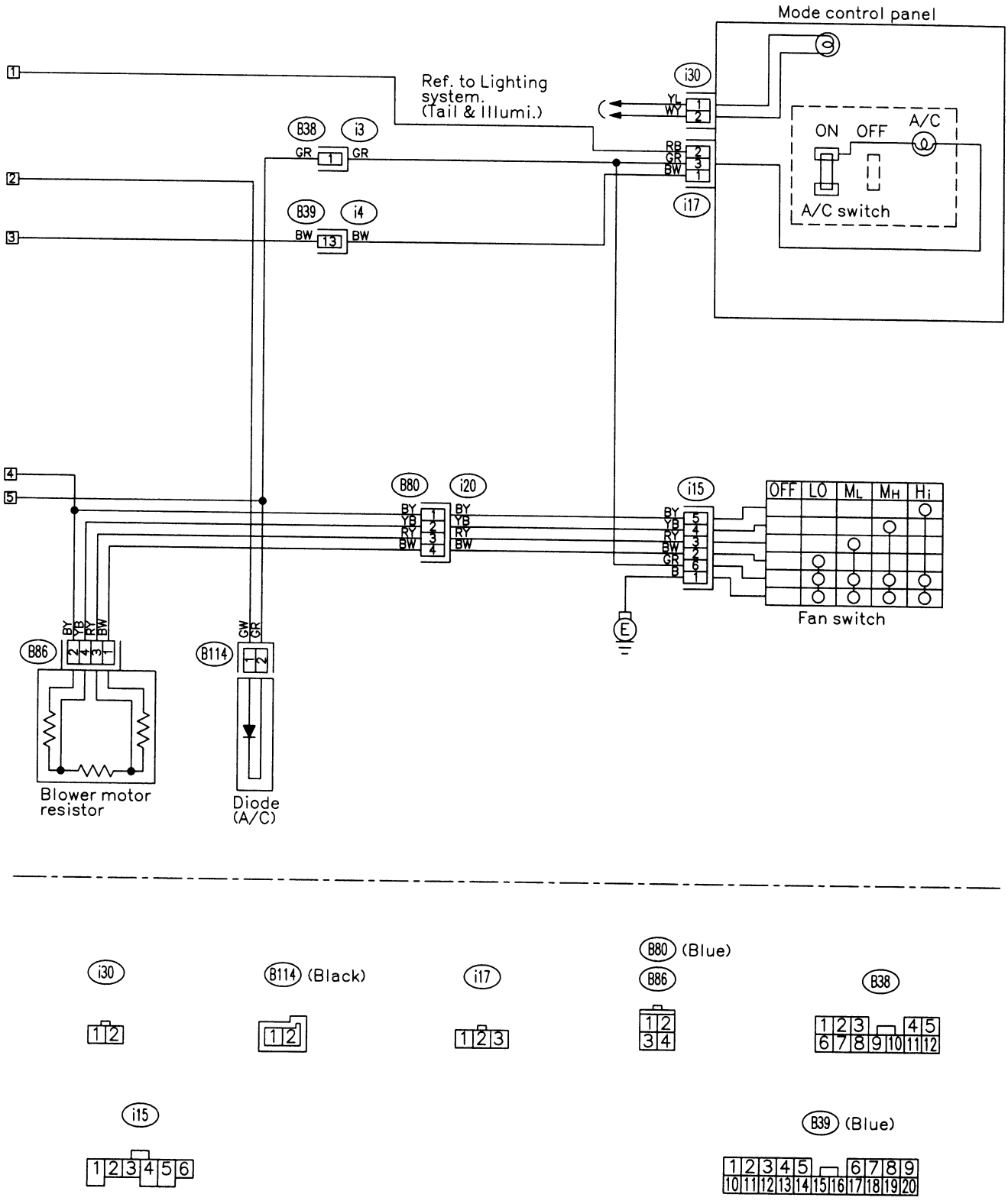
GU04-04C

3. AIR CONDITIONING SYSTEM



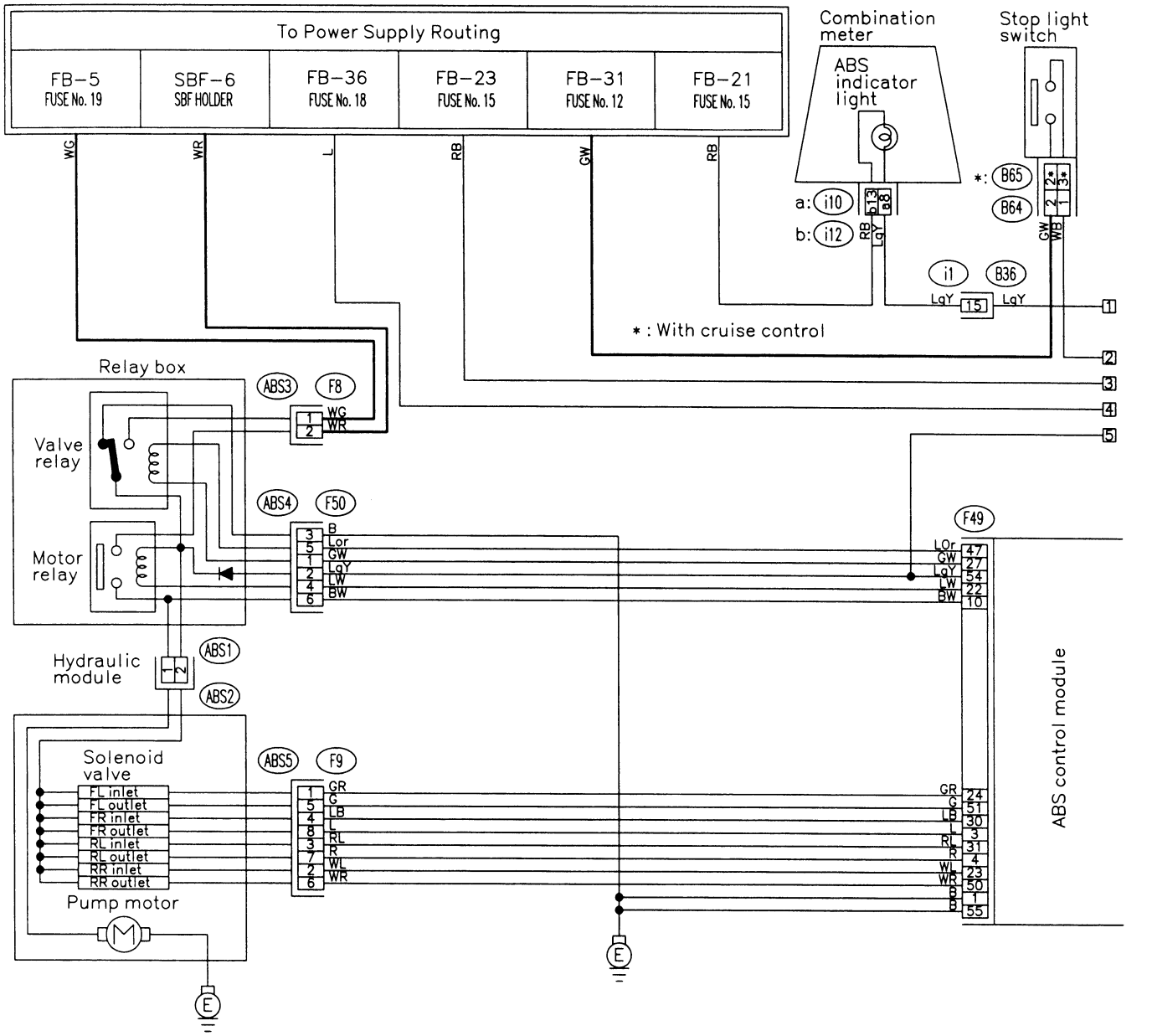
GU45-04A

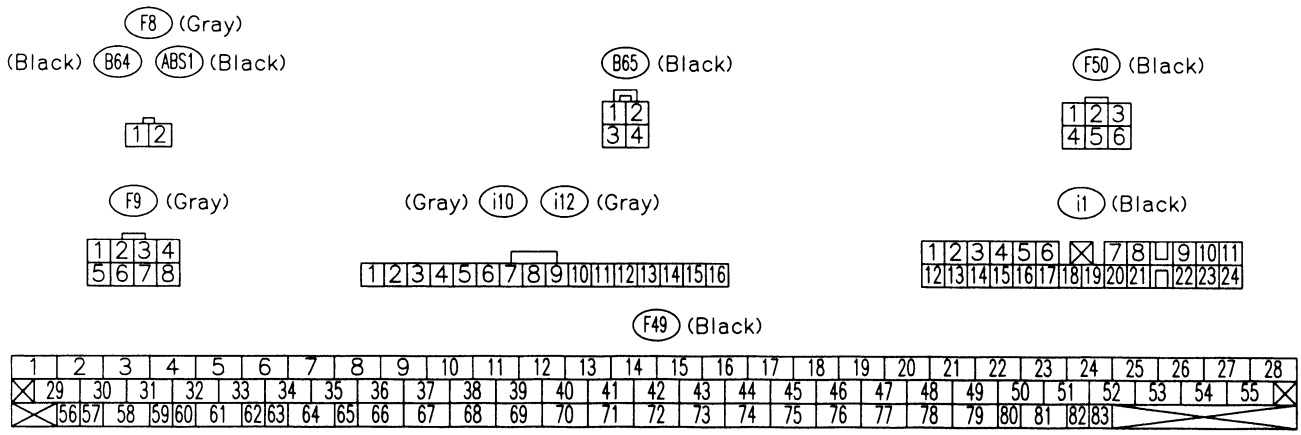
WIRING DIAGRAM



GU45-04B

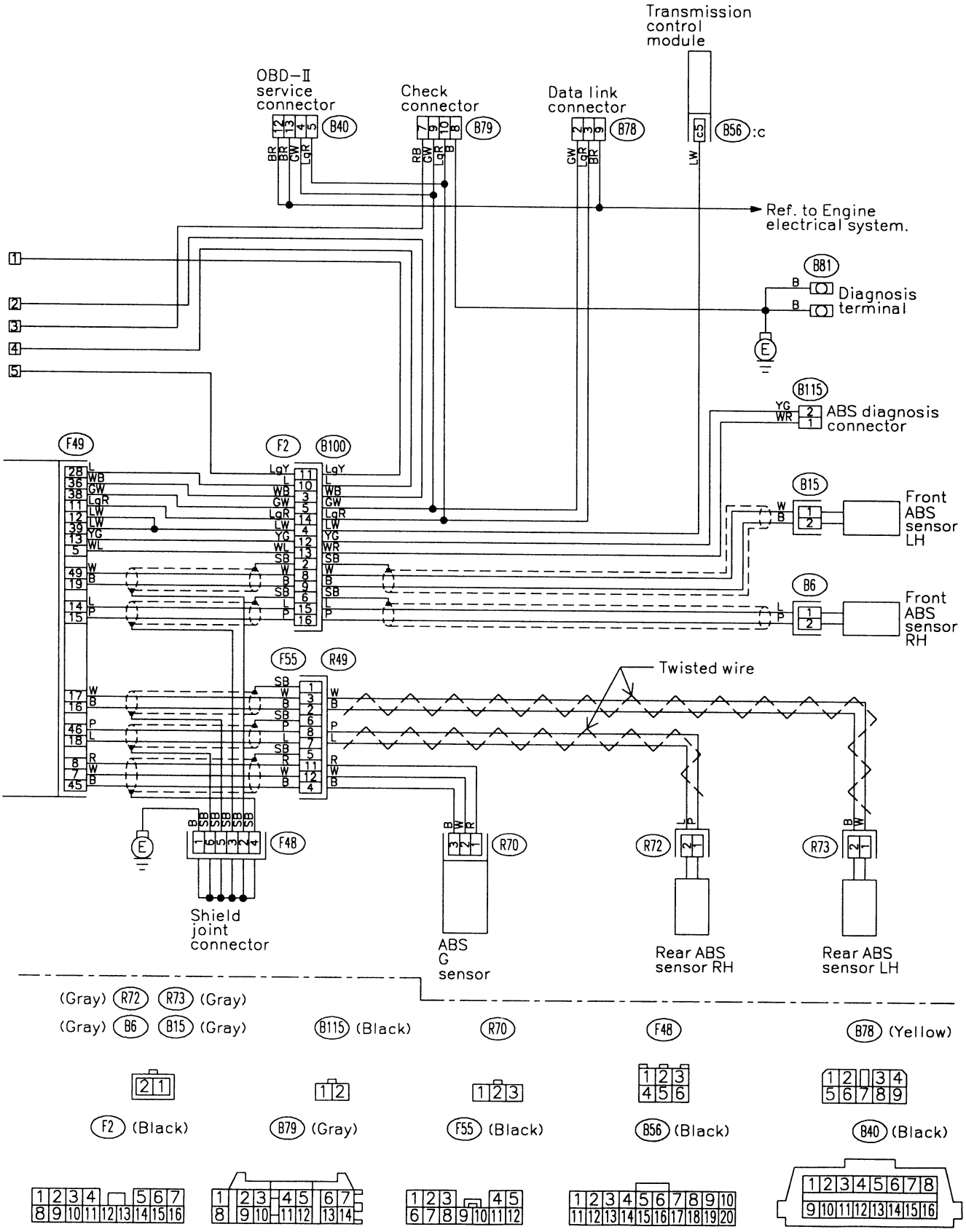
4. ANTI-LOCK BRAKE SYSTEM





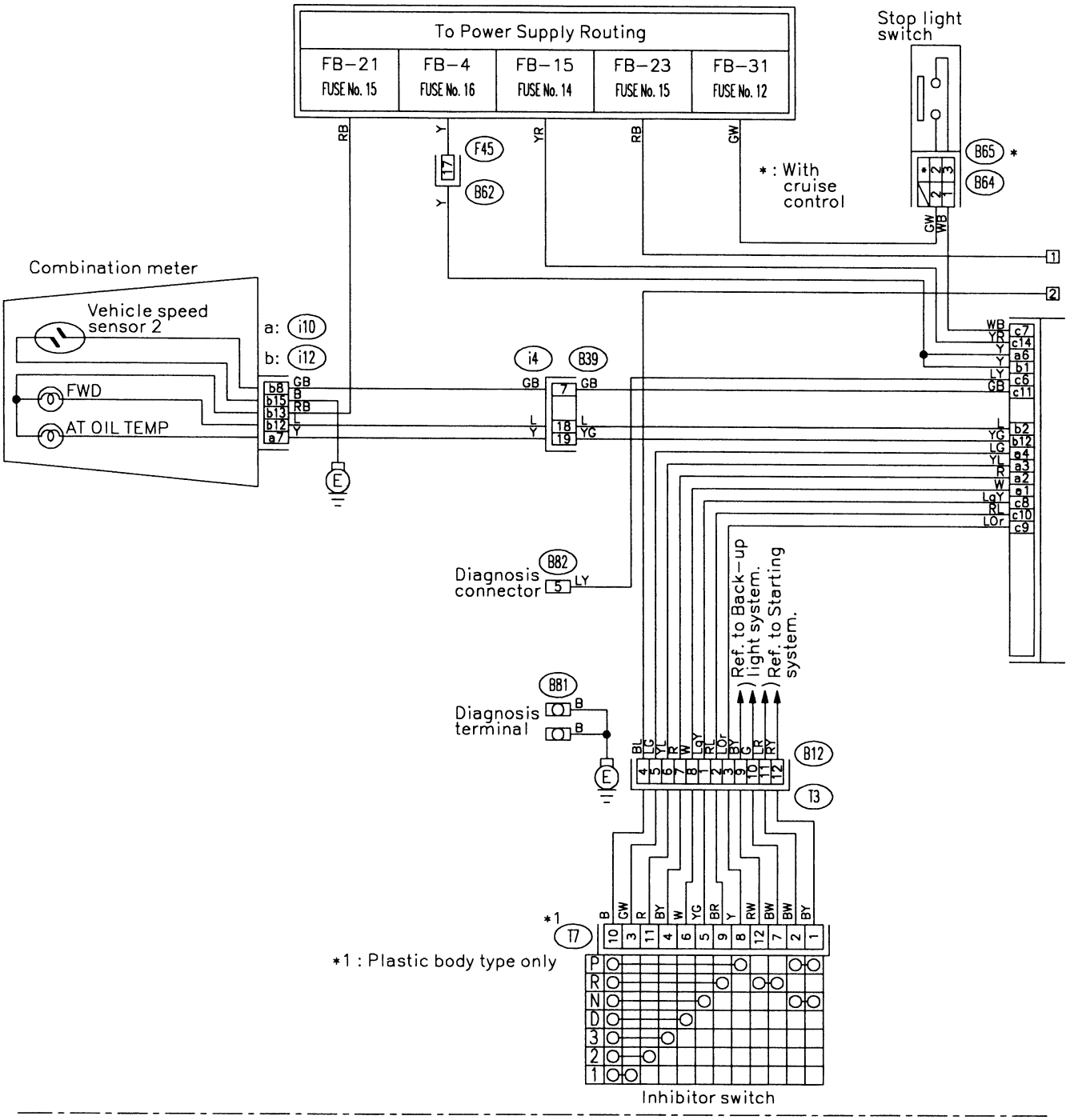
GU82-04A

WIRING DIAGRAM



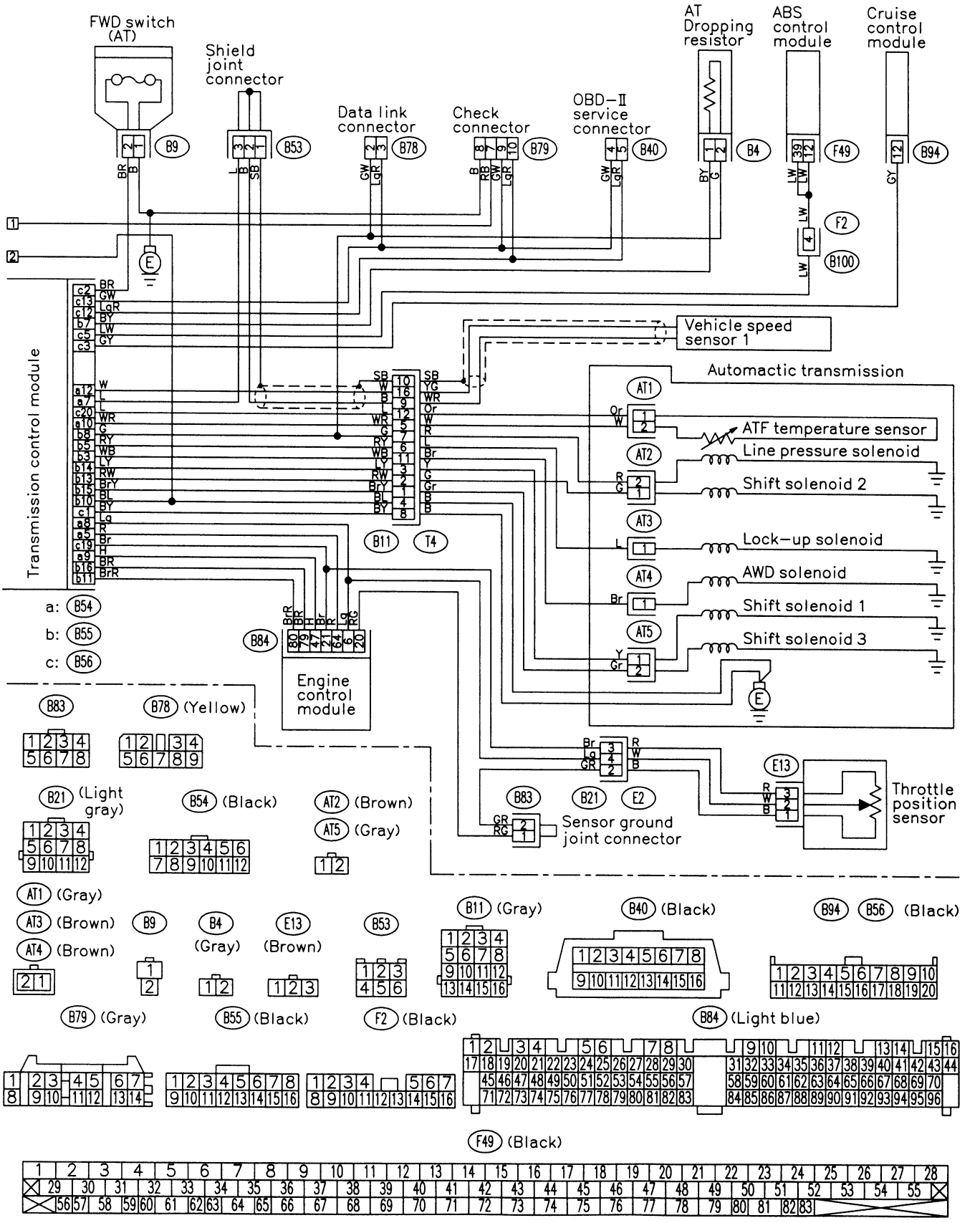
GU82-04B

5. A/T CONTROL SYSTEM



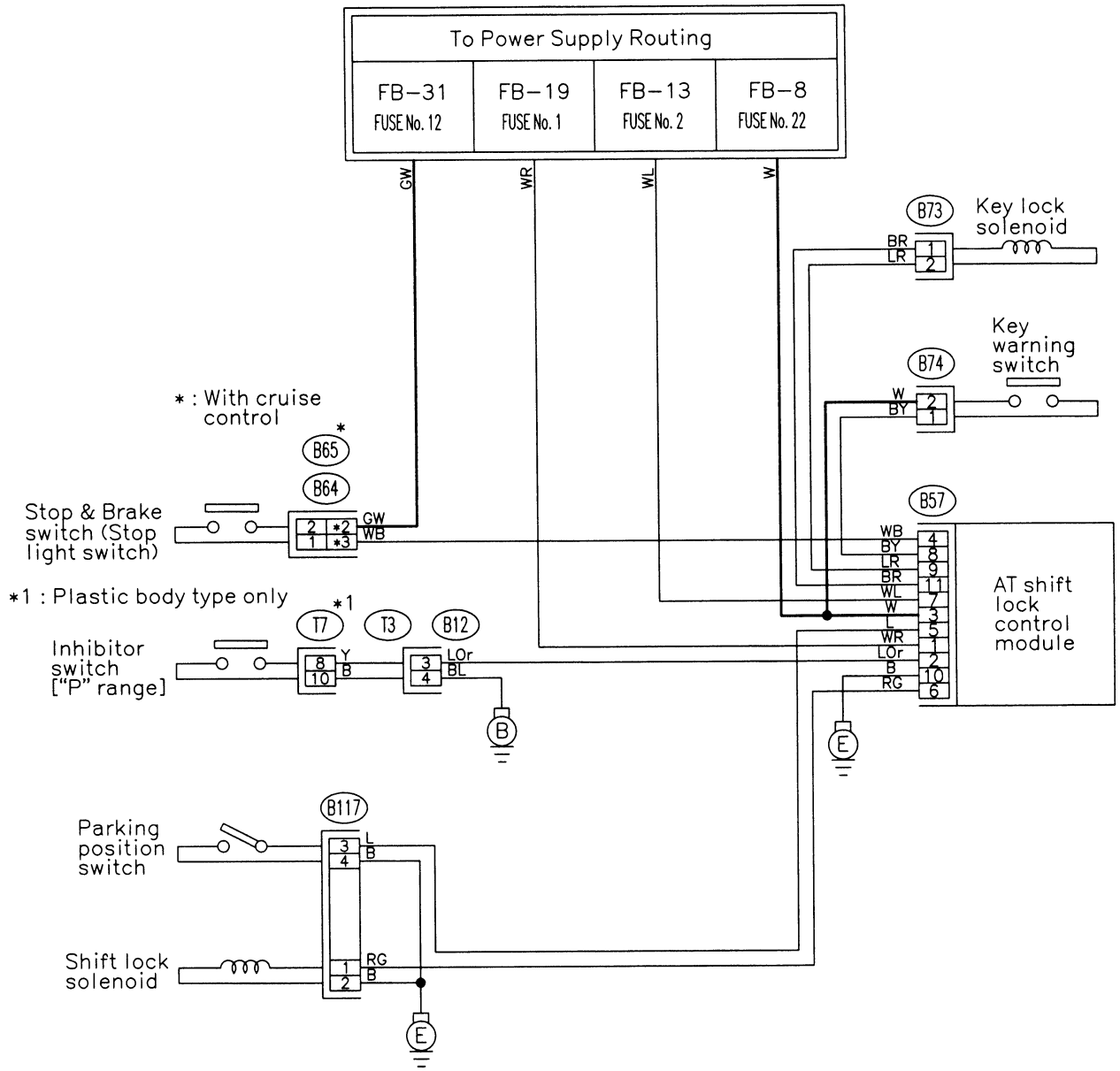
GU41-05A

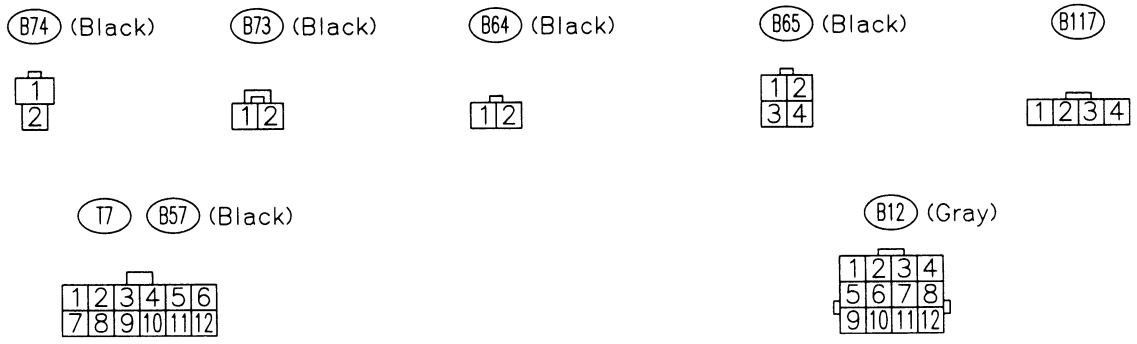
WIRING DIAGRAM



GU41-05B

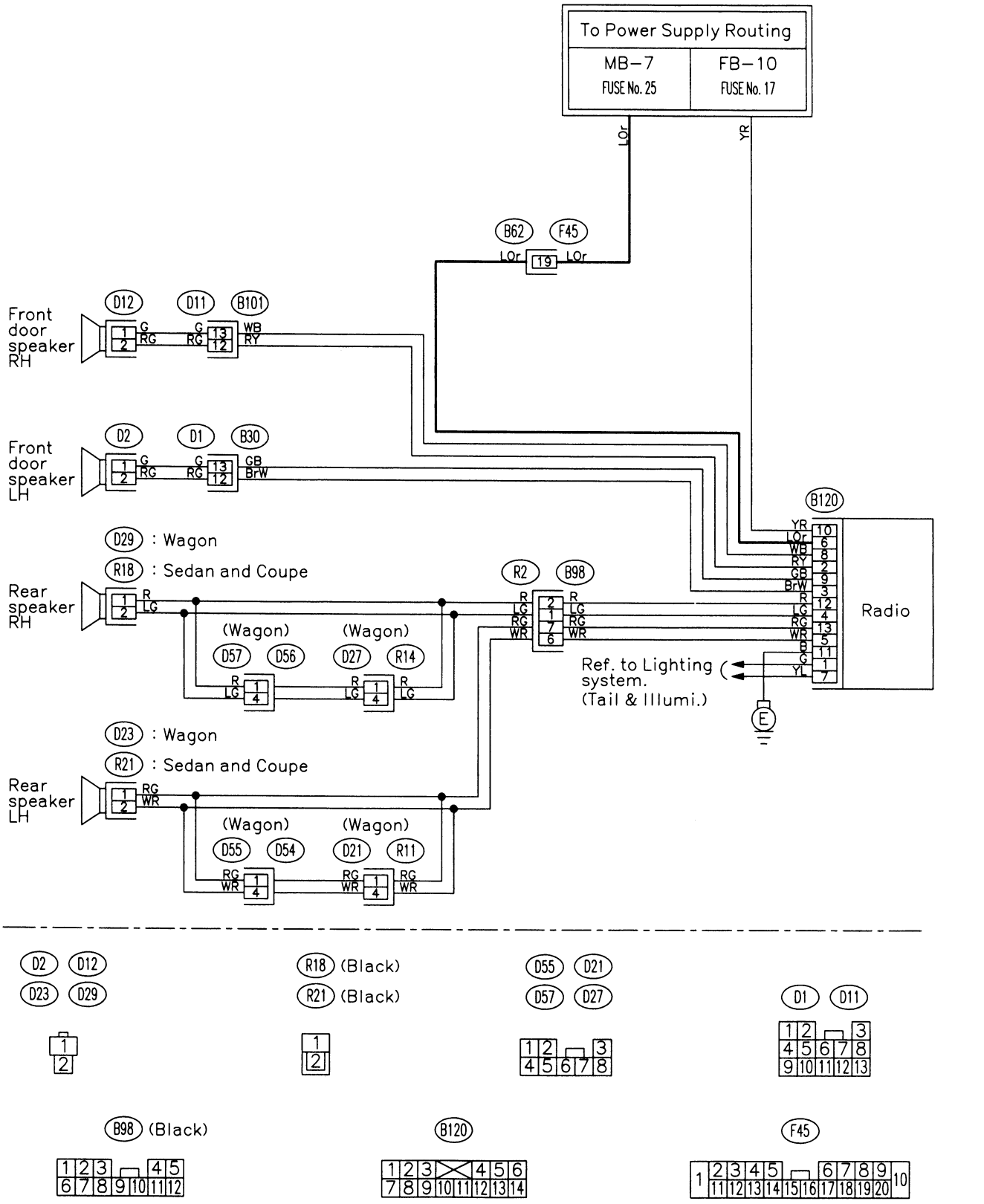
6. A/T SHIFT LOCK SYSTEM





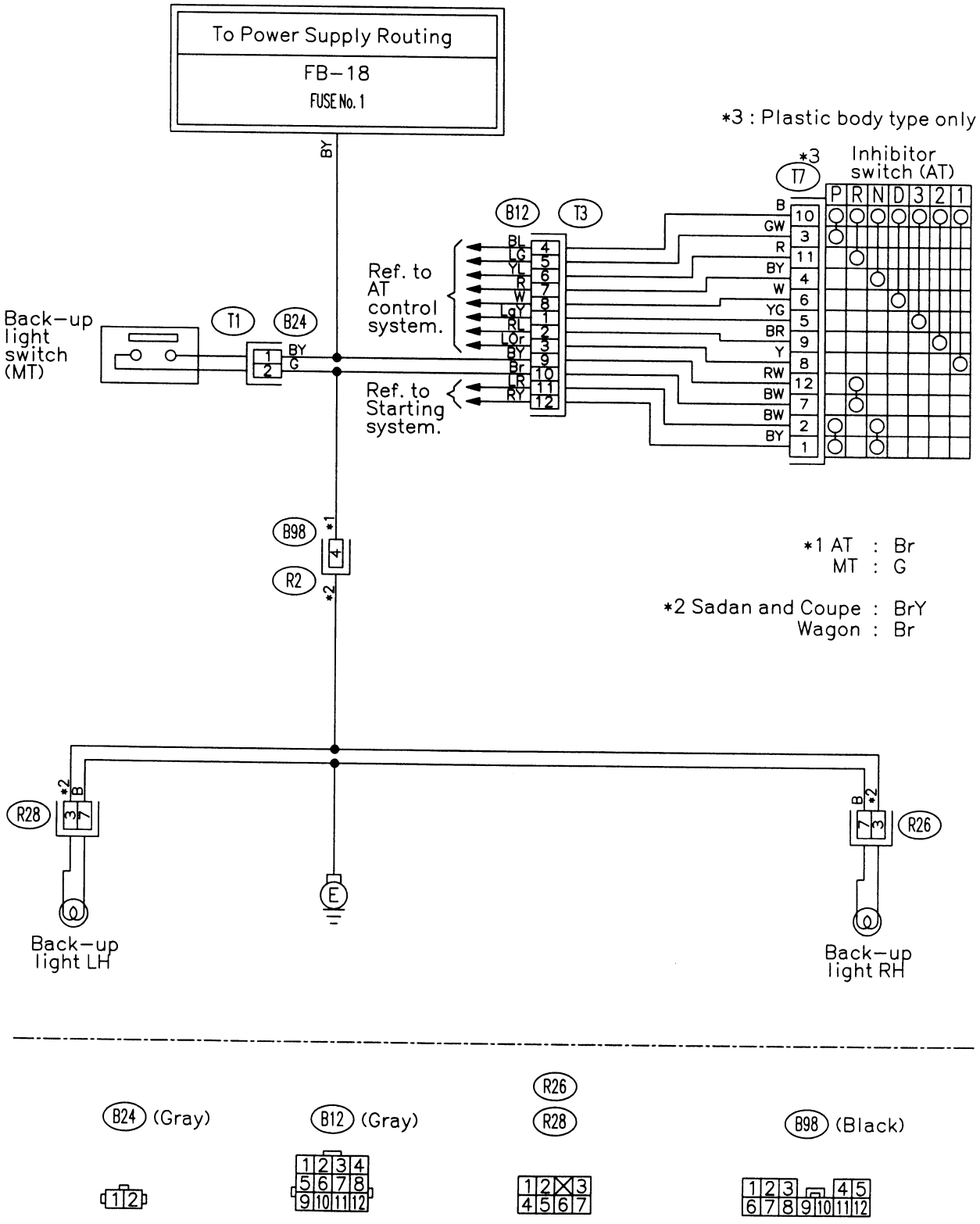
GU42-03

7. AUDIO SYSTEM



GU76-03

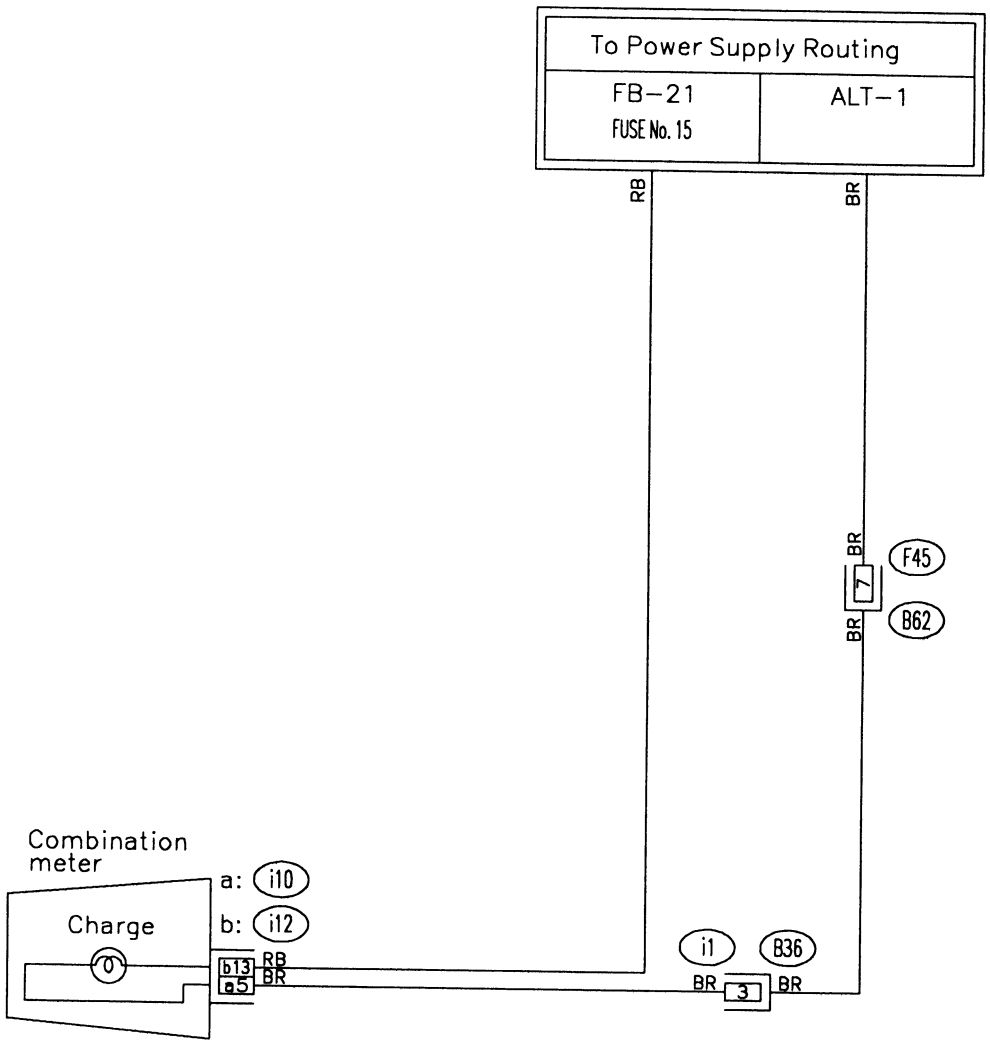
8. BACK-UP LIGHT SYSTEM

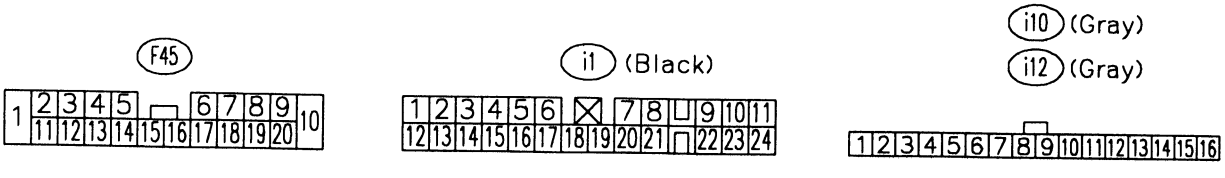


GU29-02

WIRING DIAGRAM

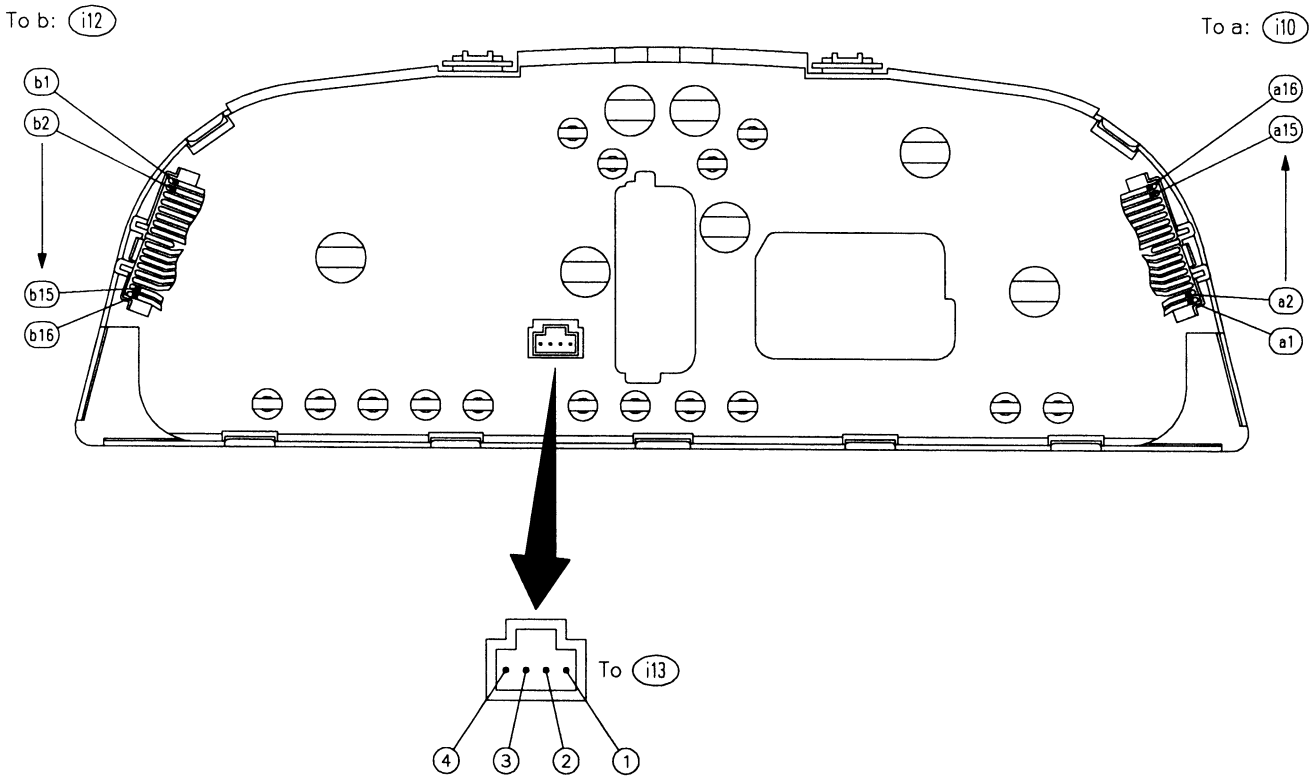
9. CHARGING SYSTEM

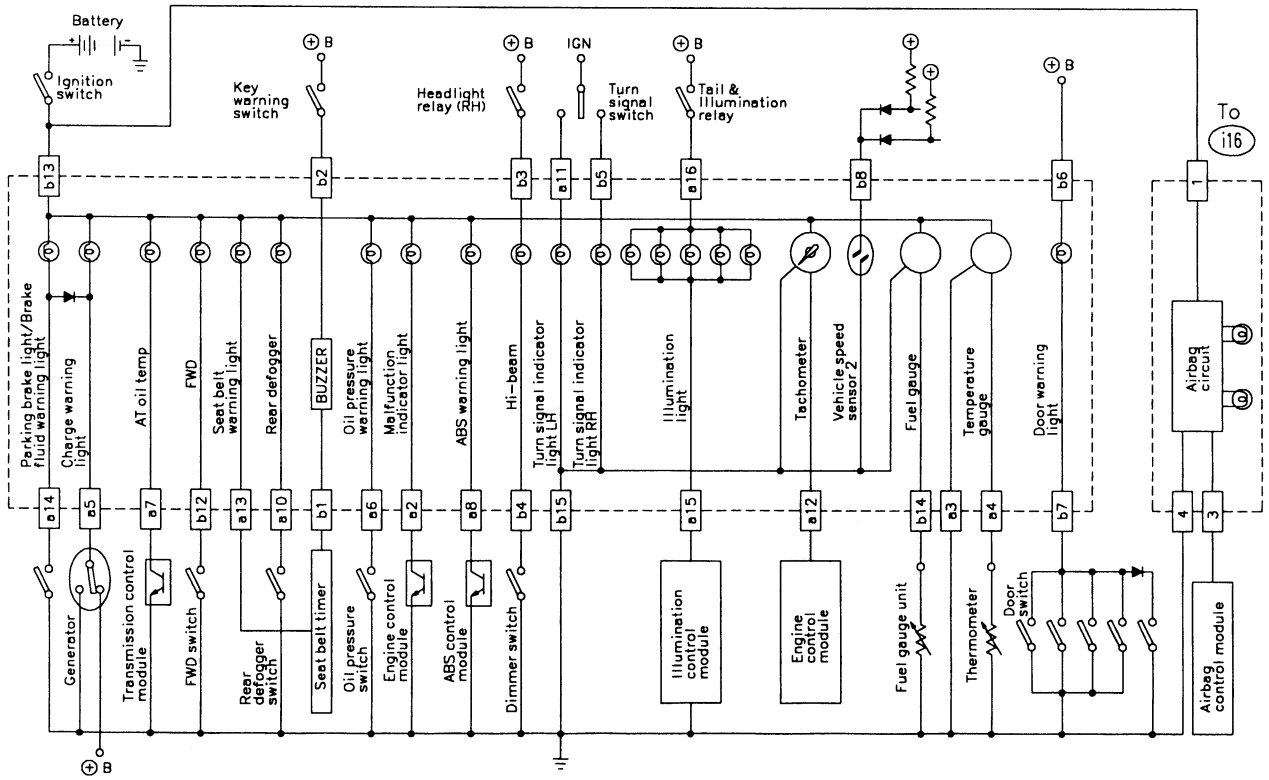




GU02-03

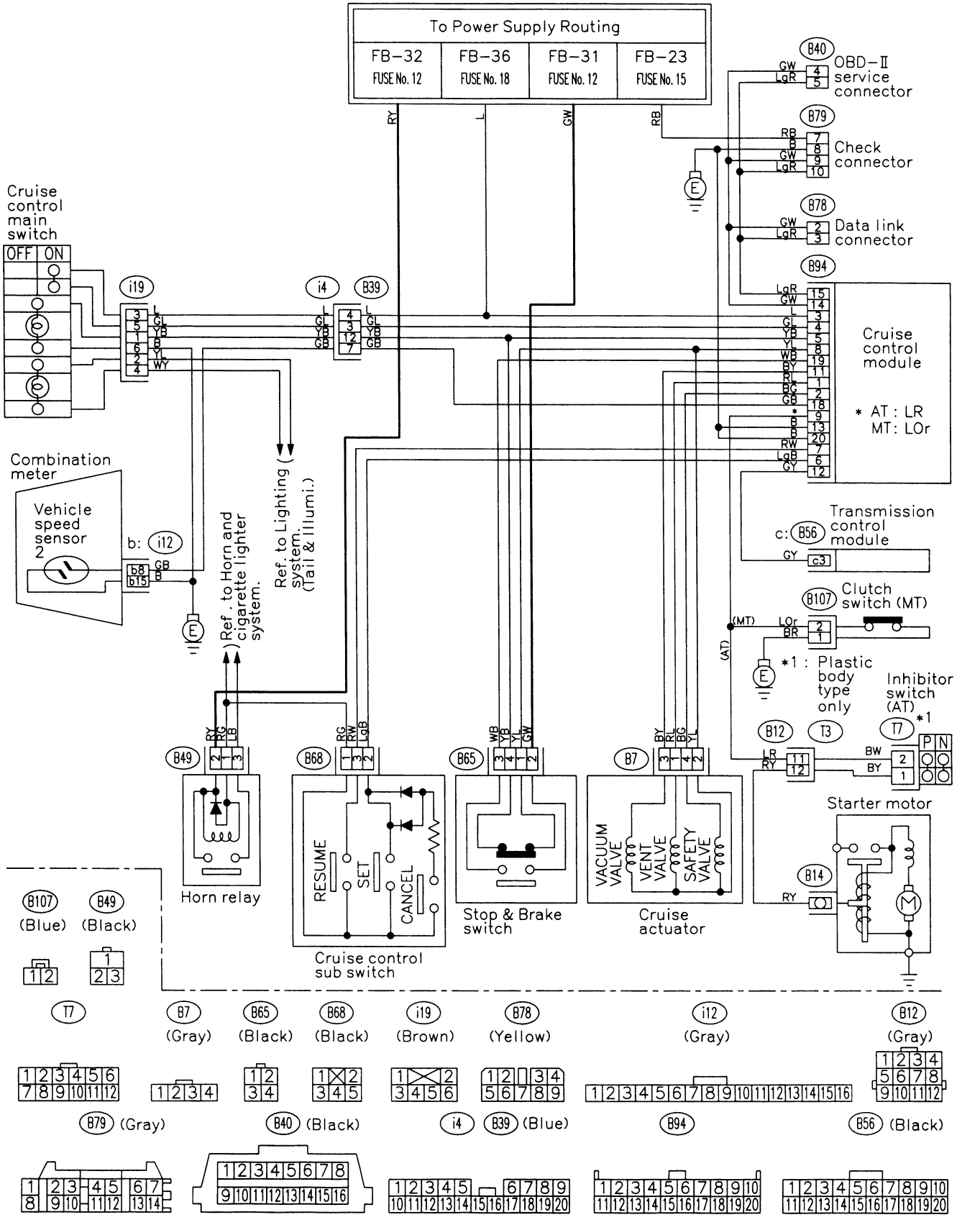
10. COMBINATION METER





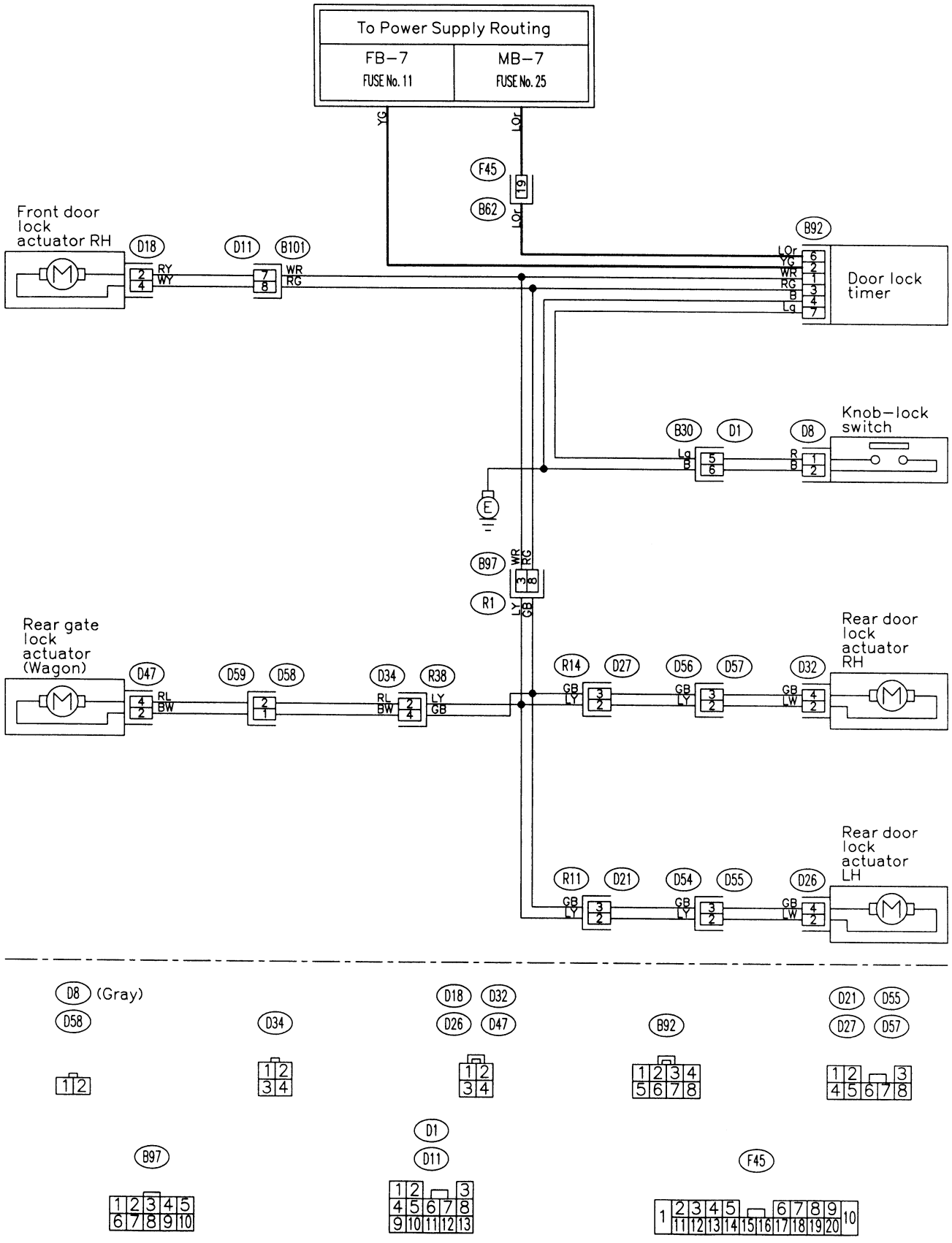
GU65-04

11. CRUISE CONTROL SYSTEM



GU71-04

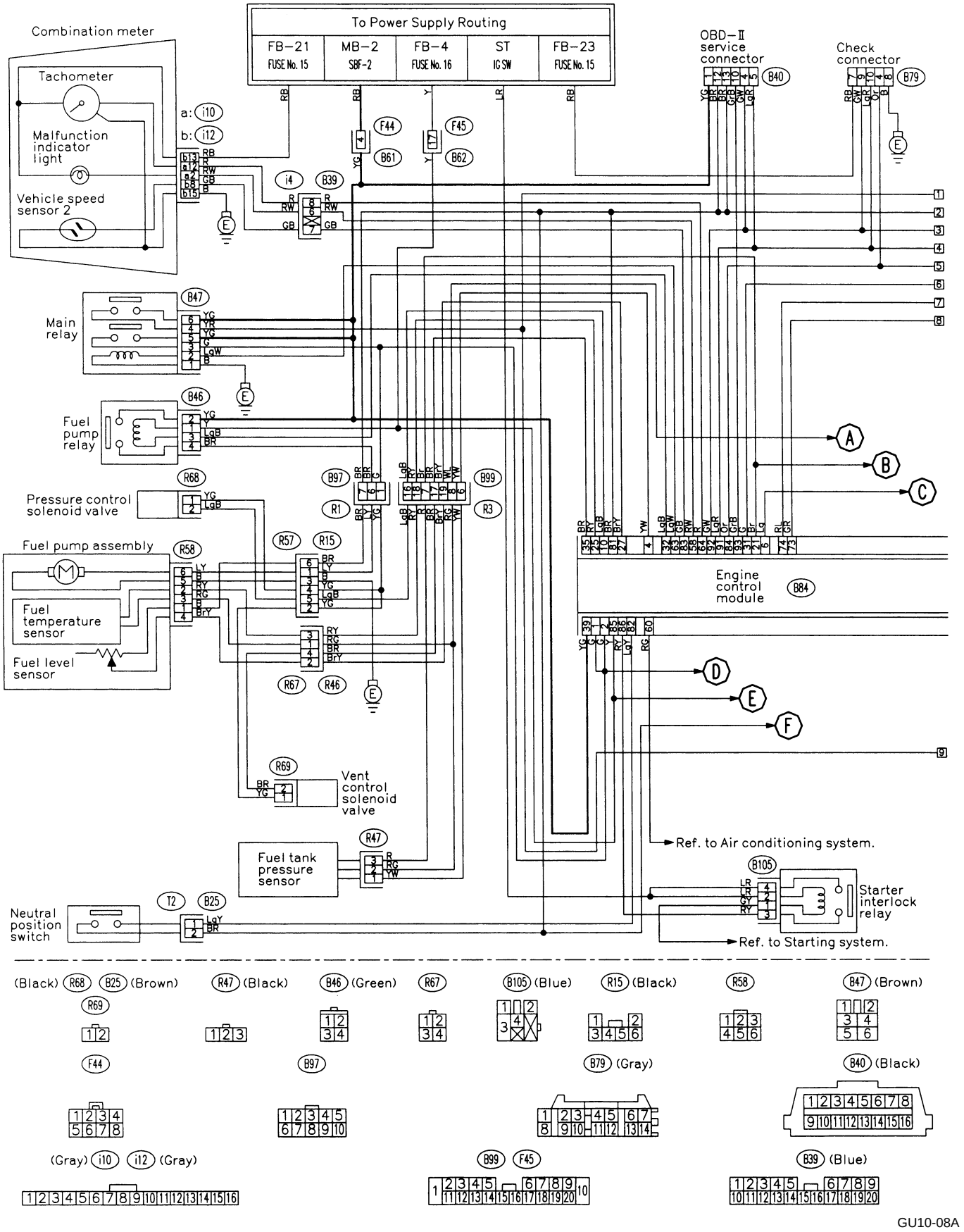
12. DOOR LOCK SYSTEM



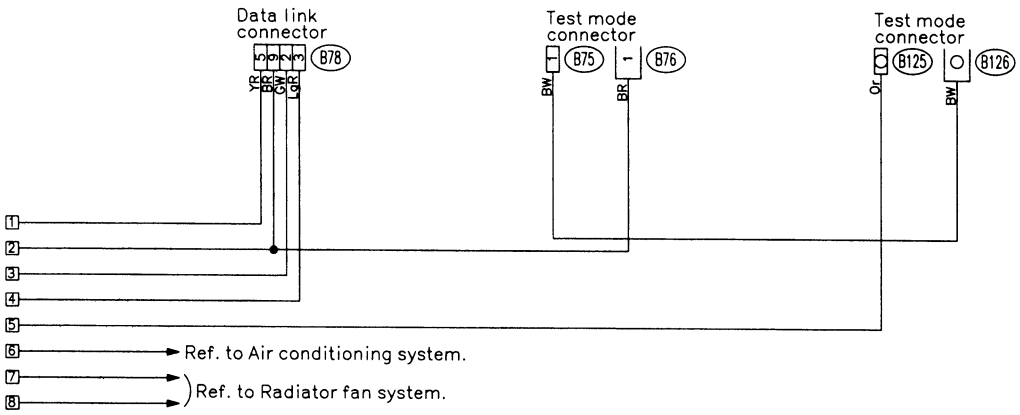
GU73-03

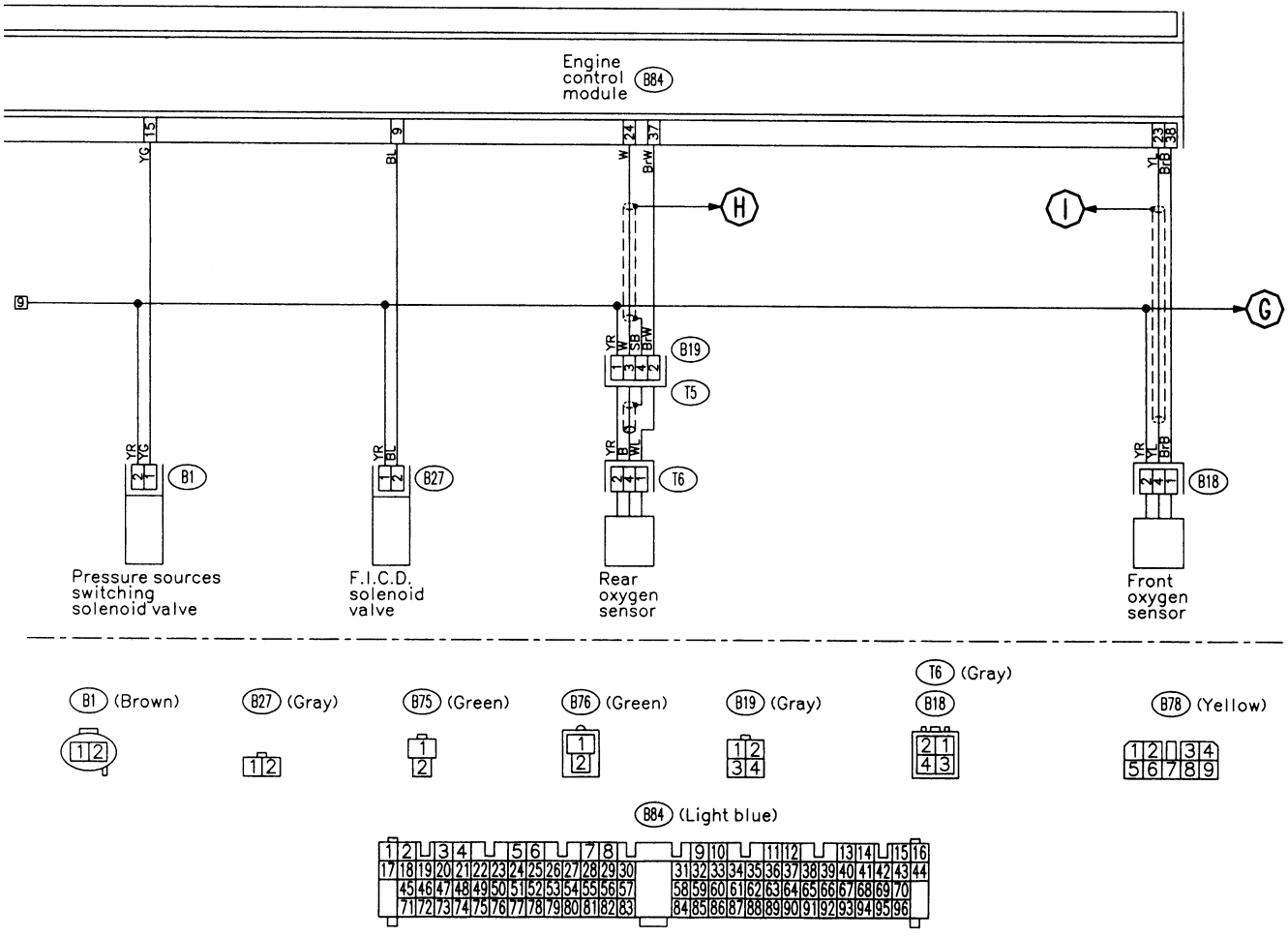
13. ENGINE ELECTRICAL SYSTEM

- **1800 cc engine model**



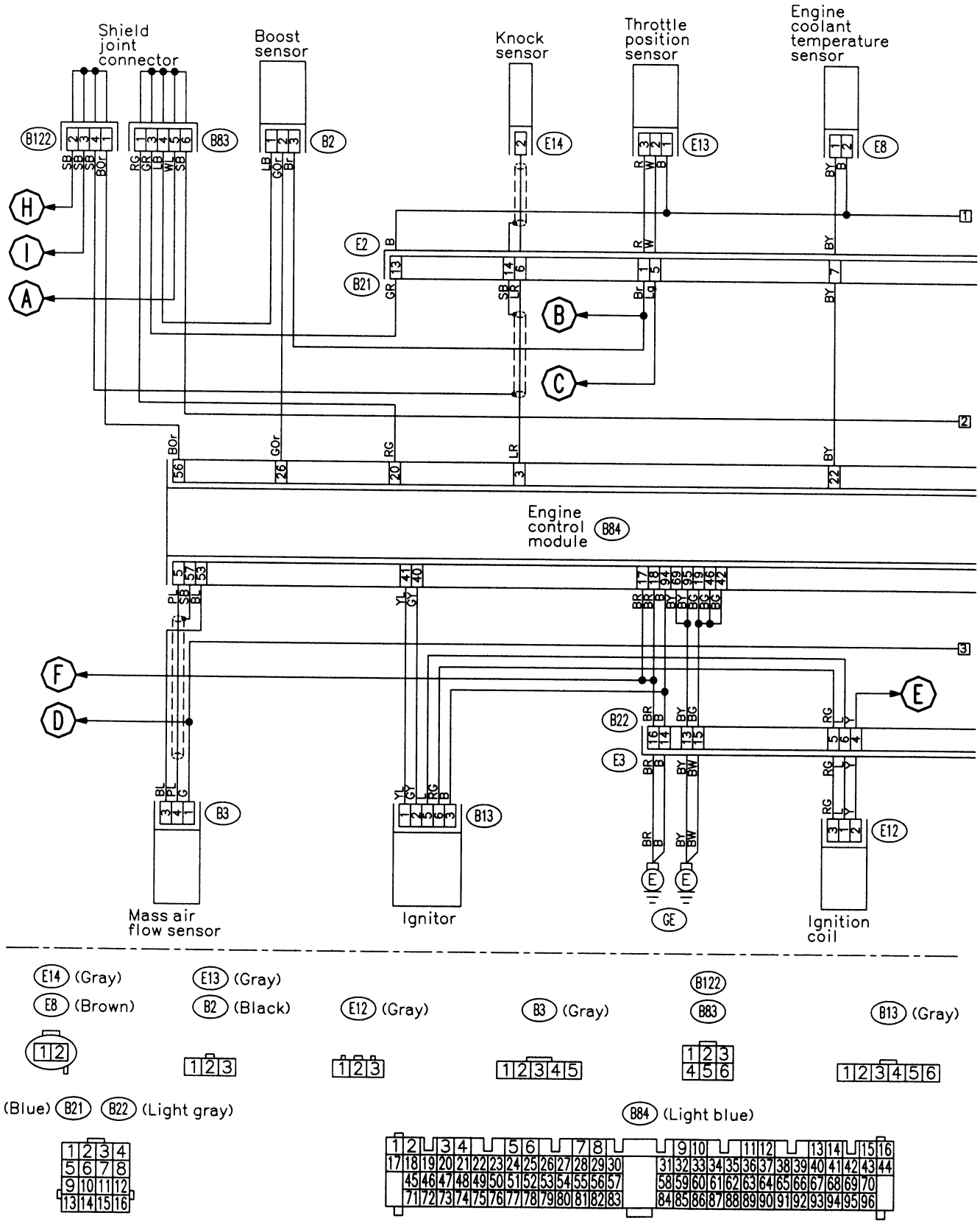
GU10-08A


Data link connector
B78
Test mode connector
B75
B76
Test mode connector
B125
B126
Ref. to Air conditioning system.
Ref. to Radiator fan system.

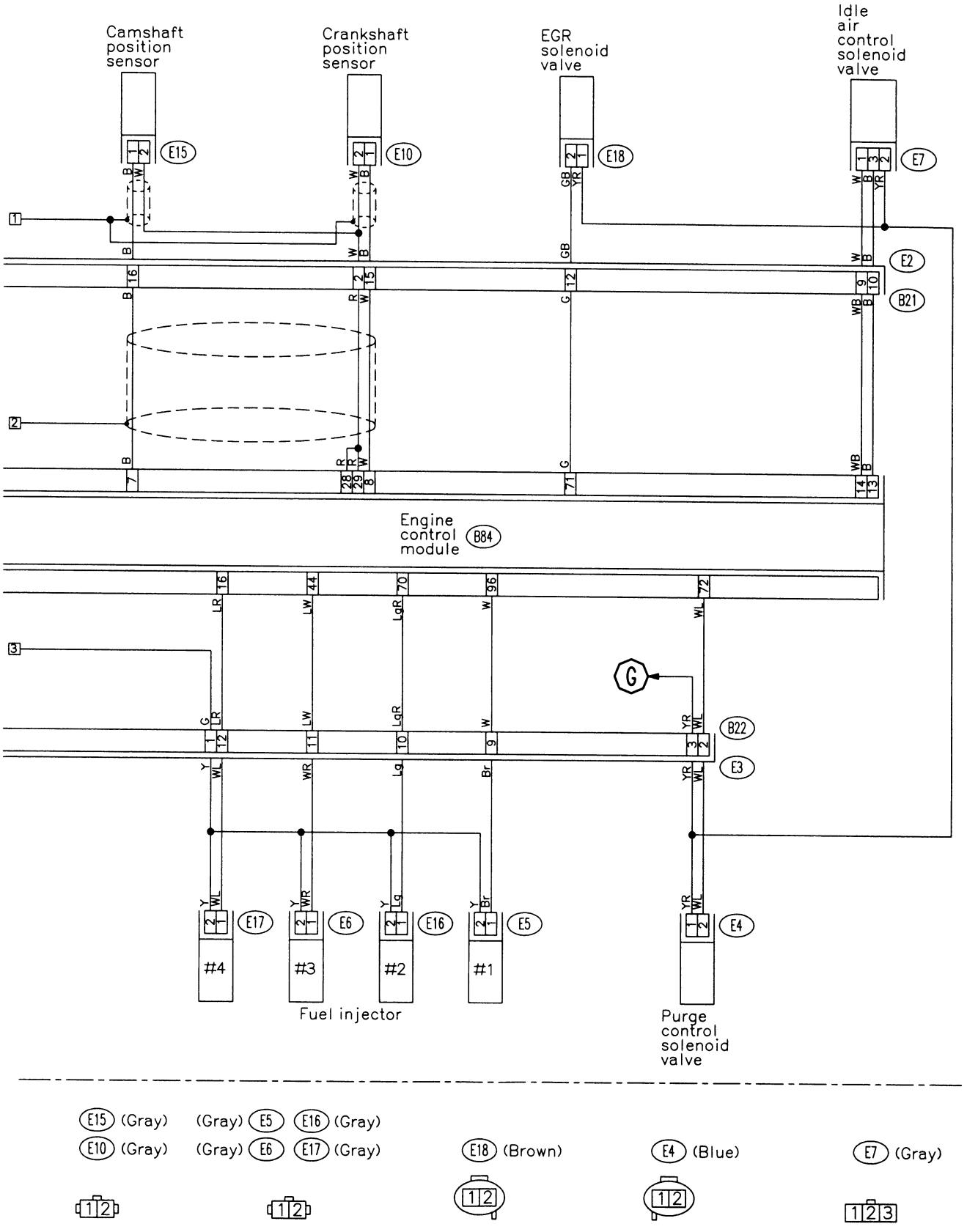

Engine control module
B84
Pressure sources switching solenoid valve
B1
F.I.C.D. solenoid valve
B27
Rear oxygen sensor
B19
T5
T6
Front oxygen sensor
B18
B1 (Brown)
B27 (Gray)
B75 (Green)
B76 (Green)
B19 (Gray)
T6 (Gray)
B18
B78 (Yellow)
B84 (Light blue)

GU10-08B

WIRING DIAGRAM



GU10-08C

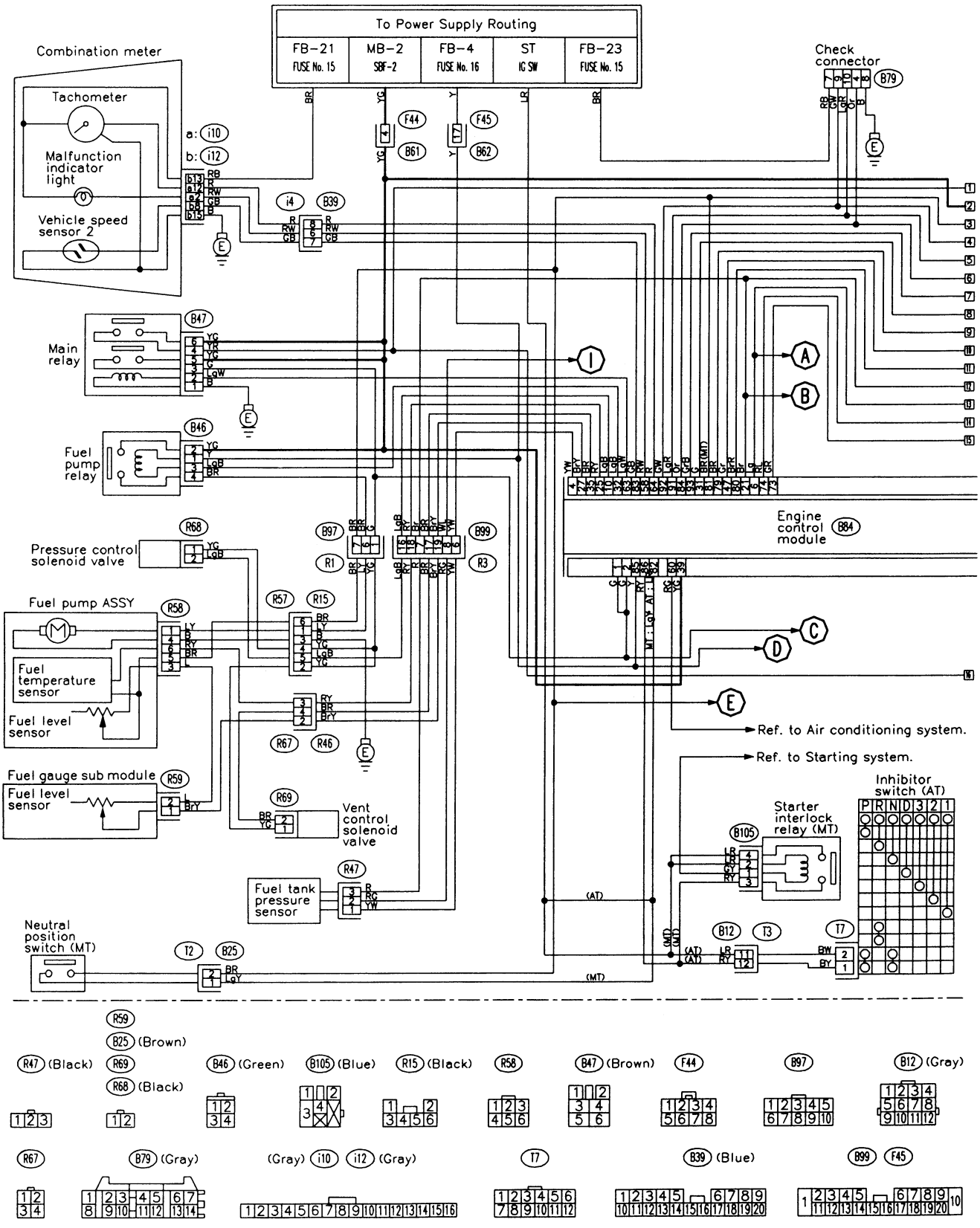

Camshaft position sensor
Crankshaft position sensor
EGR solenoid valve
Idle air control solenoid valve
E15
E10
E18
E7
E2
B21
B22
E3
E17
E6
E16
E5
E4
#4
#3
#2
#1
Fuel injector
Purge control solenoid valve
Engine control module
B84
G
1
2
3
E15 (Gray)
E10 (Gray)
(Gray) E5 E16 (Gray)
(Gray) E6 E17 (Gray)
E18 (Brown)
E4 (Blue)
E7 (Gray)

GU10-08D

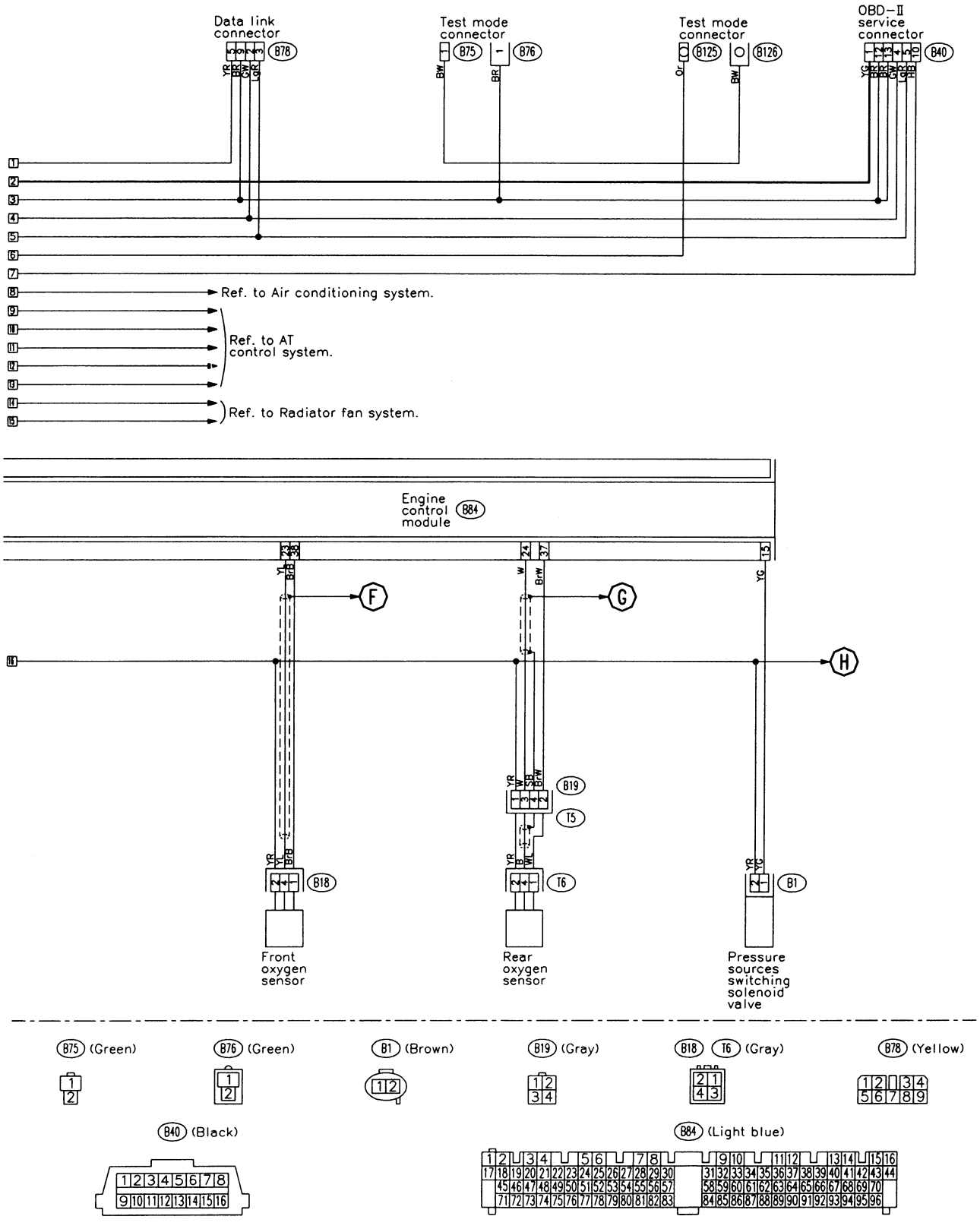
WIRING DIAGRAM

13. ENGINE ELECTRICAL SYSTEM

- **2200 cc engine model**

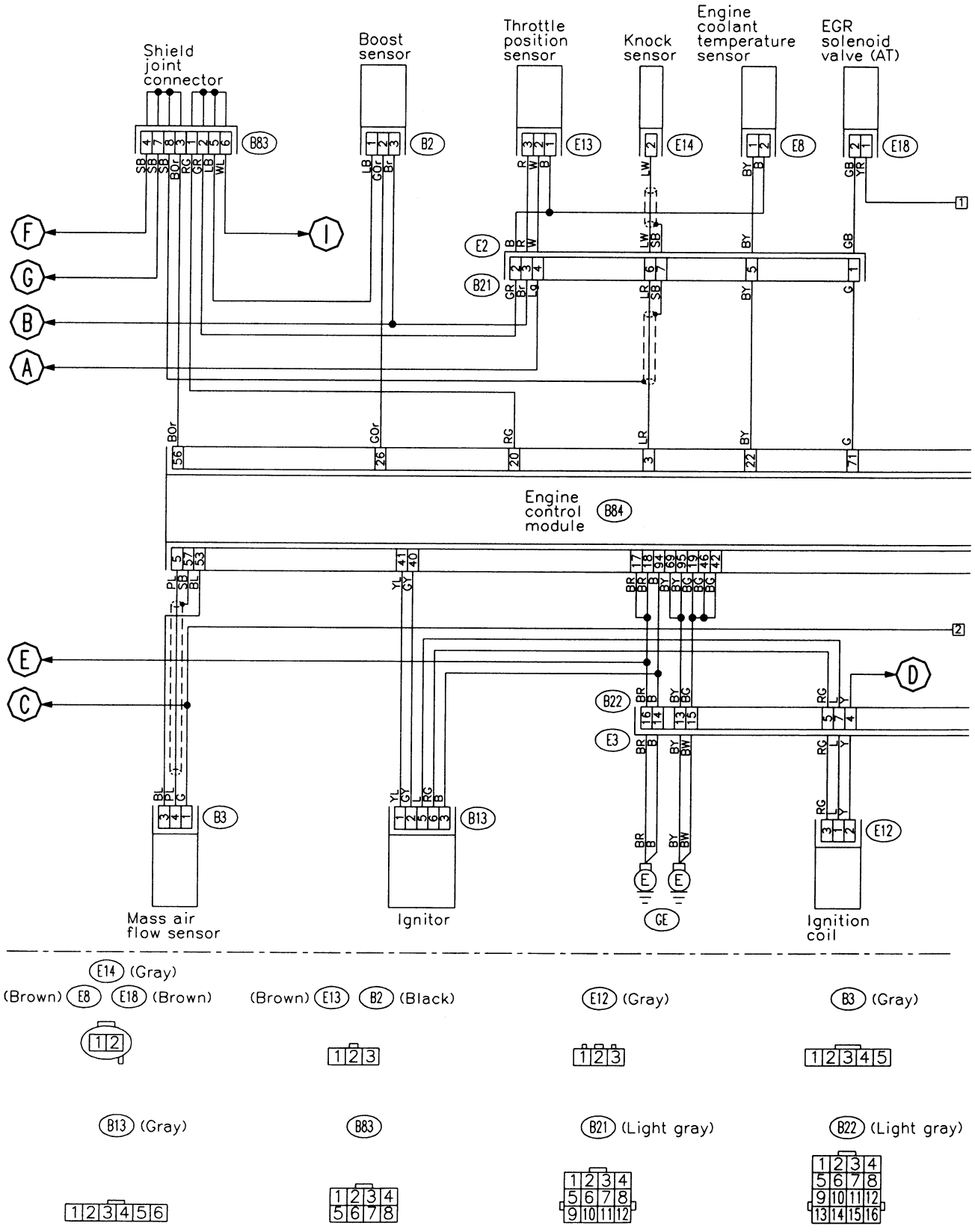


GU10-10A

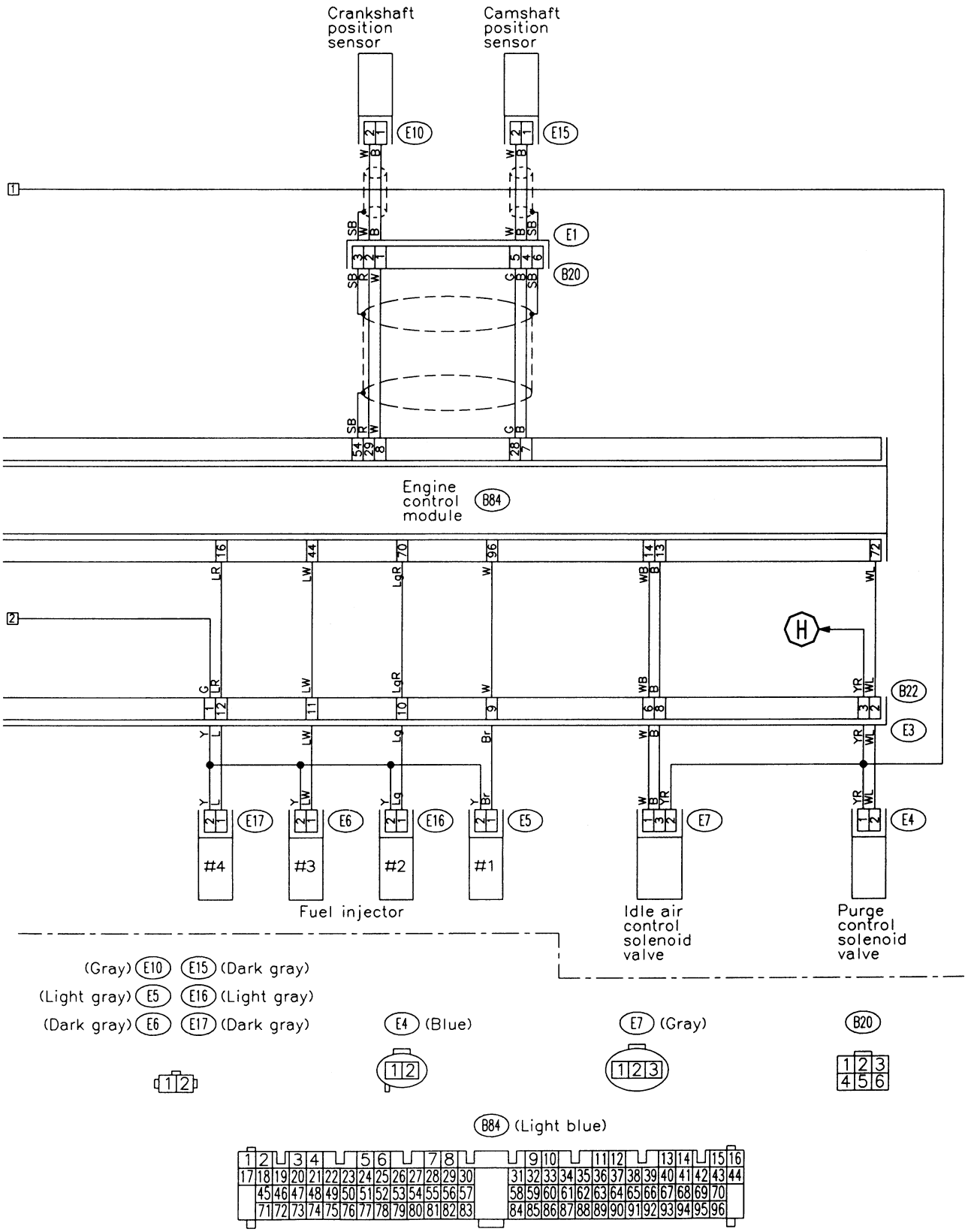

Data link connector
B78
Test mode connector
B75
B76
Test mode connector
B125
B126
OBD−II service connector
B40
Ref. to Air conditioning system.
Ref. to AT control system.
Ref. to Radiator fan system.
Engine control module
B84
F
G
H
B19
T5
T6
B18
B1
Front oxygen sensor
Rear oxygen sensor
Pressure sources switching solenoid valve
B75 (Green)
B76 (Green)
B1 (Brown)
B19 (Gray)
B18 T6 (Gray)
B78 (Yellow)
B40 (Black)
B84 (Light blue)

GU10-10B

WIRING DIAGRAM



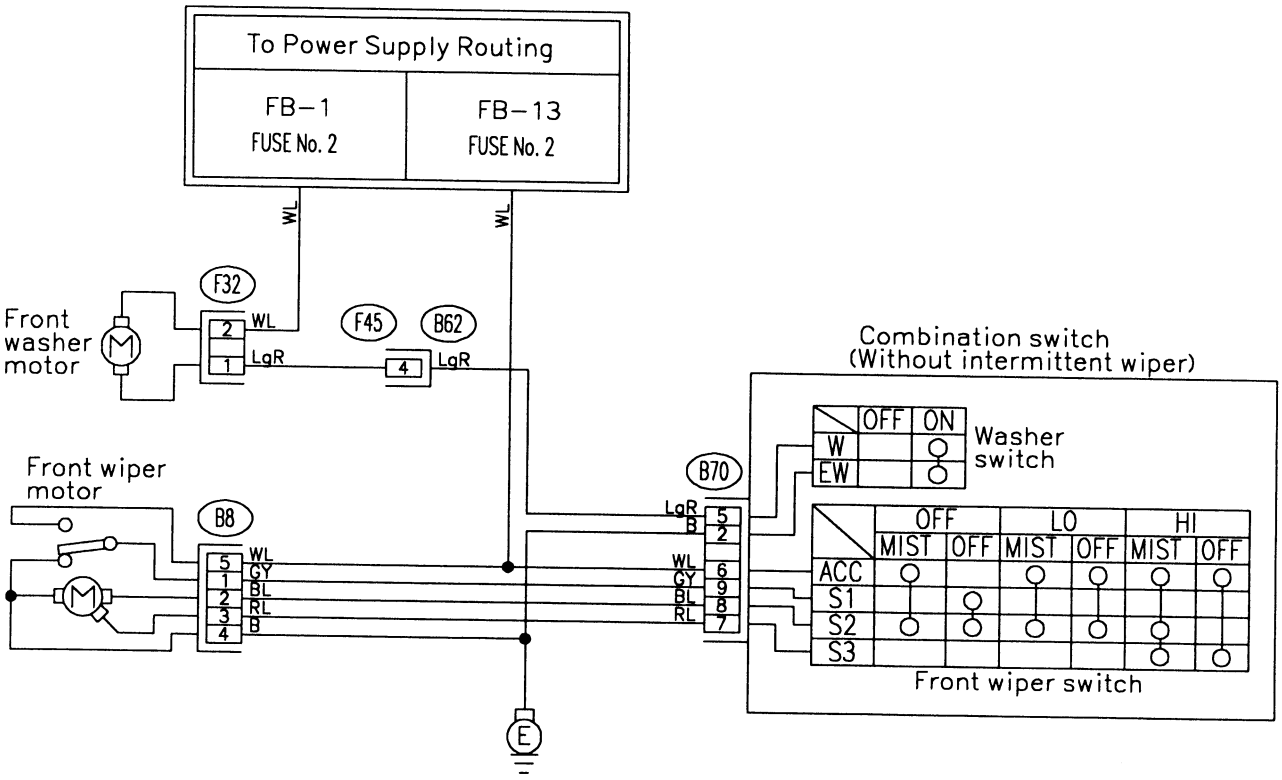
GU10-10C

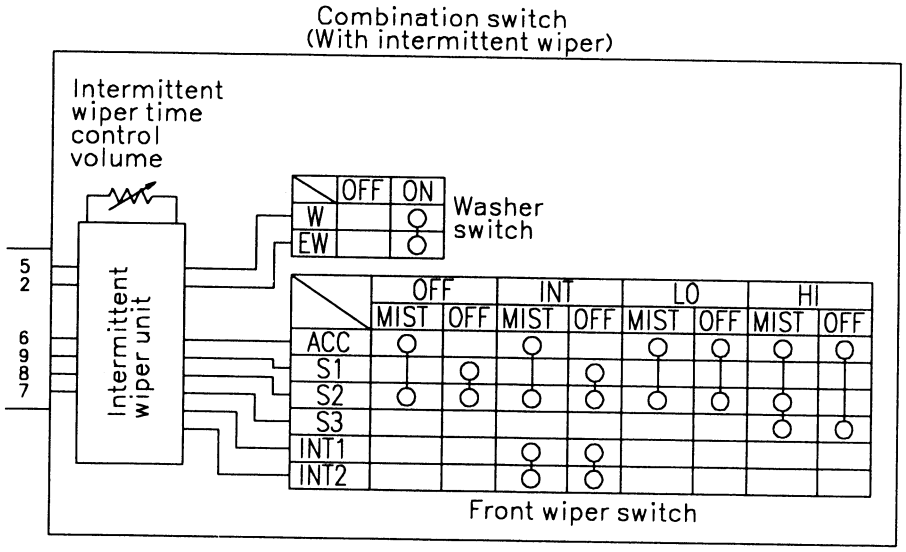

Crankshaft position sensor
Camshaft position sensor
E10
E15
E1
B20
Engine control module
B84
B22
E3
E17
E6
E16
E5
E7
E4
#4
#3
#2
#1
Fuel injector
Idle air control solenoid valve
Purge control solenoid valve
(Gray) E10 E15 (Dark gray)
(Light gray) E5 E16 (Light gray)
(Dark gray) E6 E17 (Dark gray)
E4 (Blue)
E7 (Gray)
B20
B84 (Light blue)

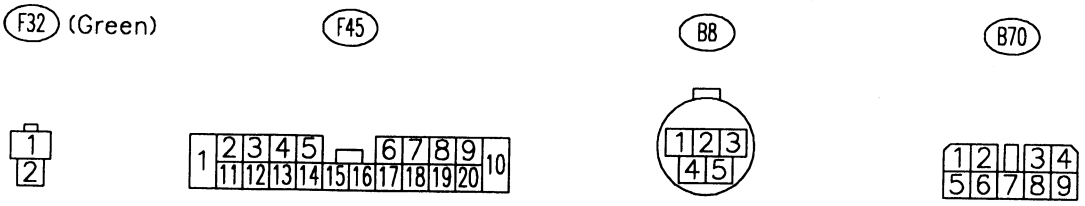
GU10-10D

WIRING DIAGRAM

14. FRONT WIPER AND WASHER SYSTEM

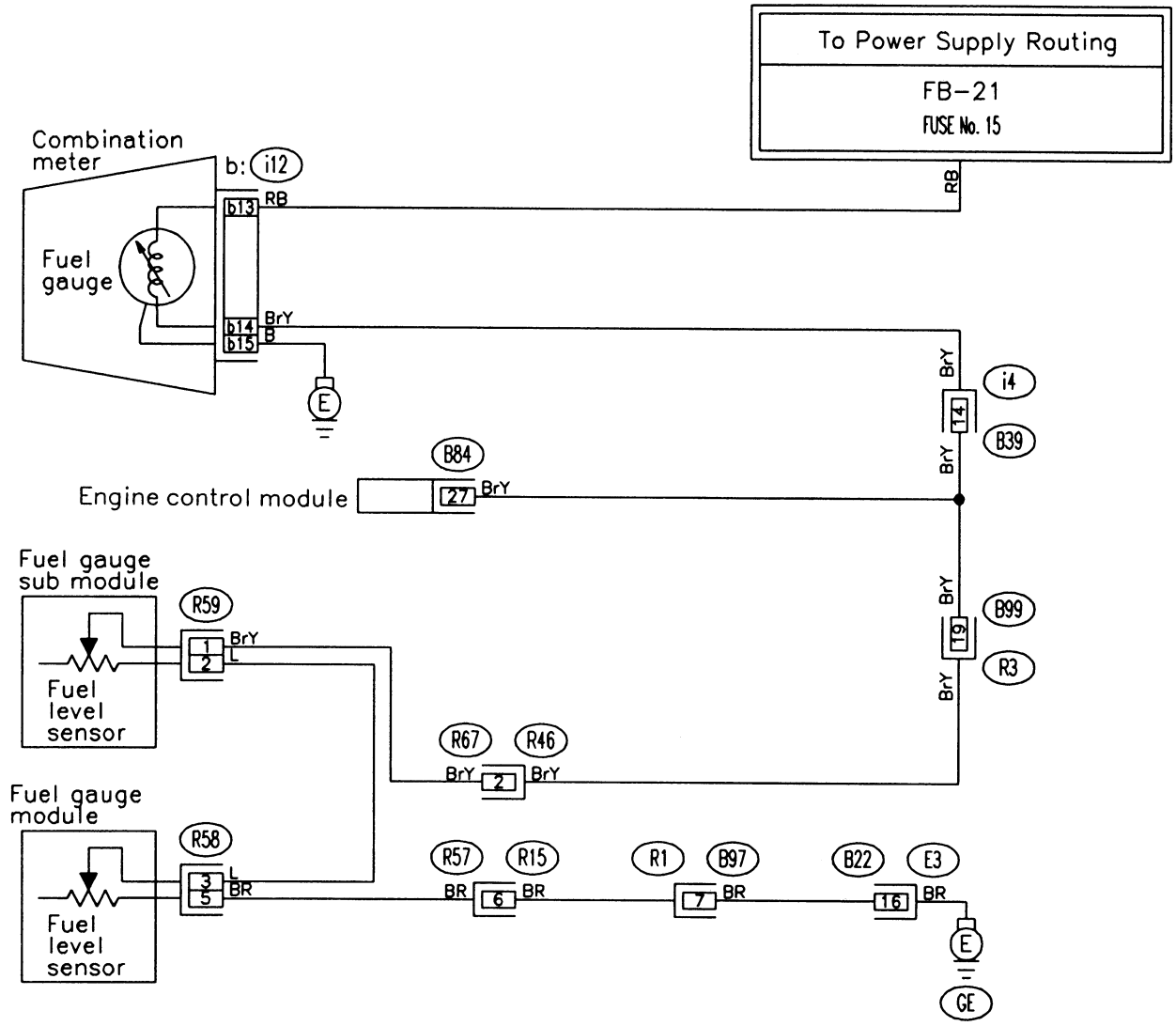


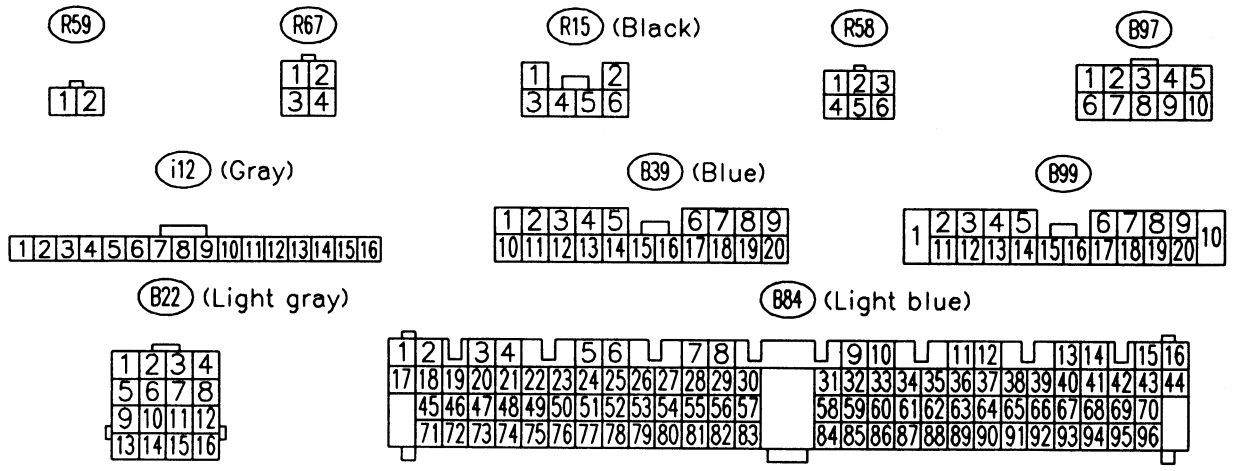




GU50-02

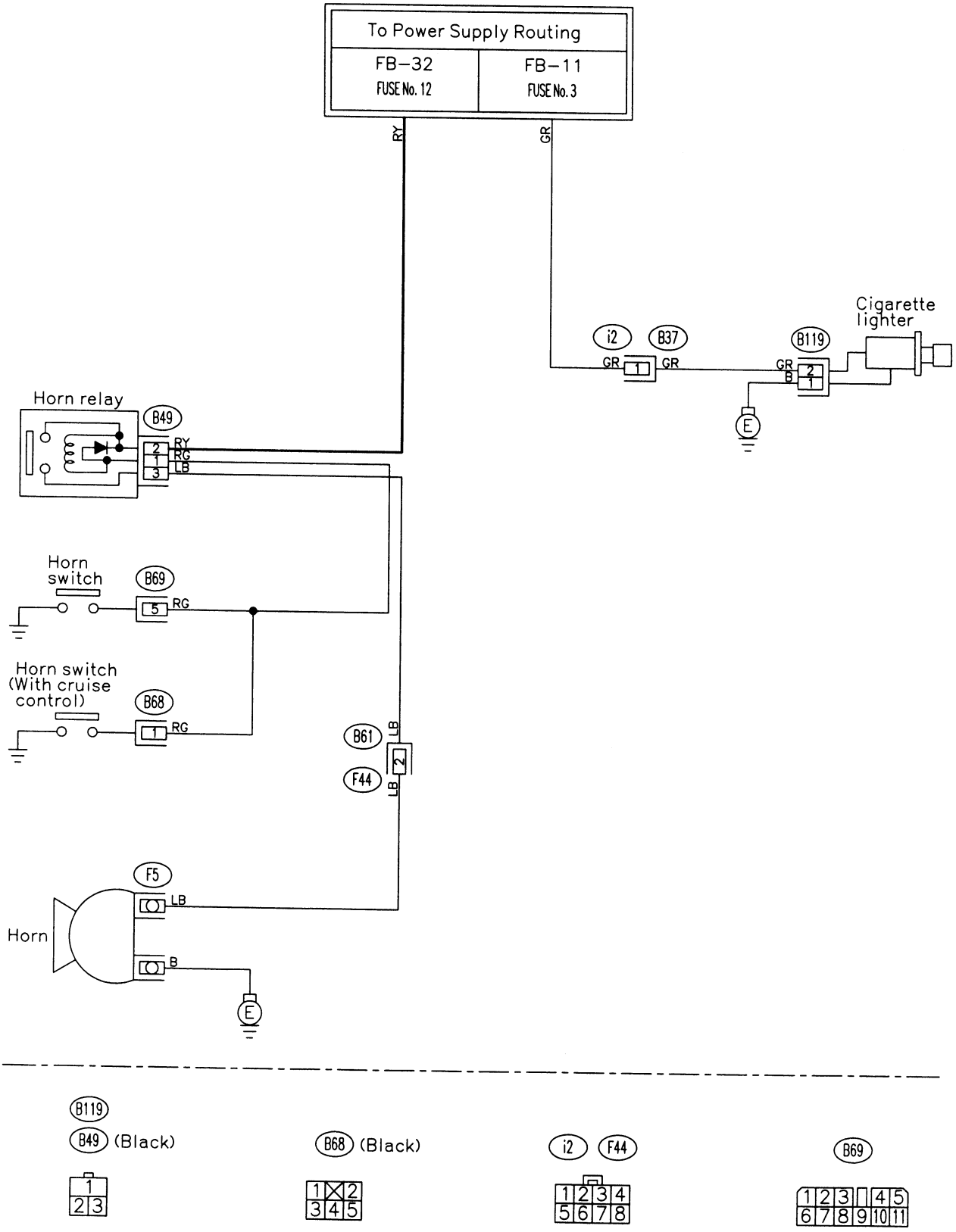
15. FUEL GAUGE SYSTEM





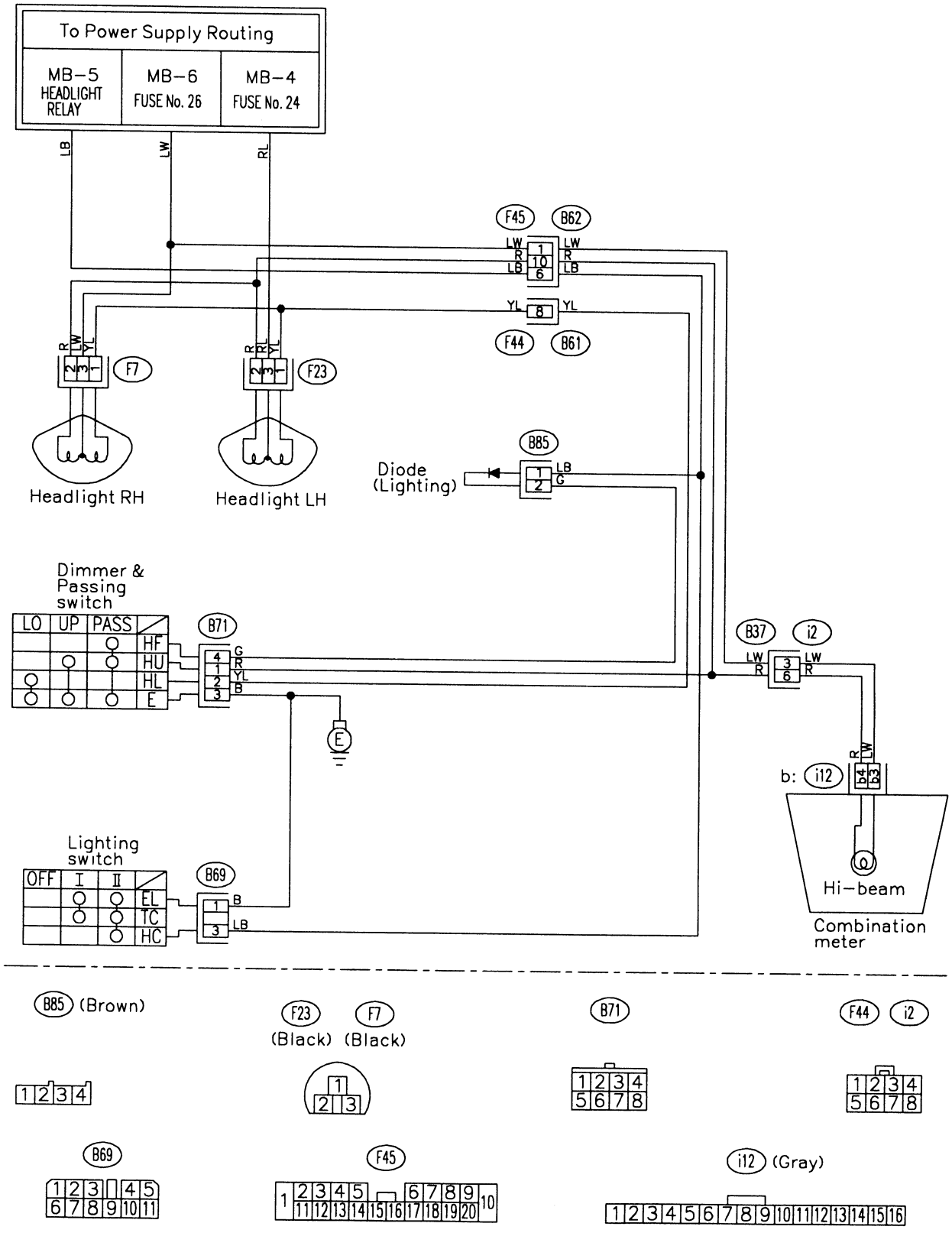
GU61-05

16. HORN AND CIGARETTE LIGHTER SYSTEM



GU74-03

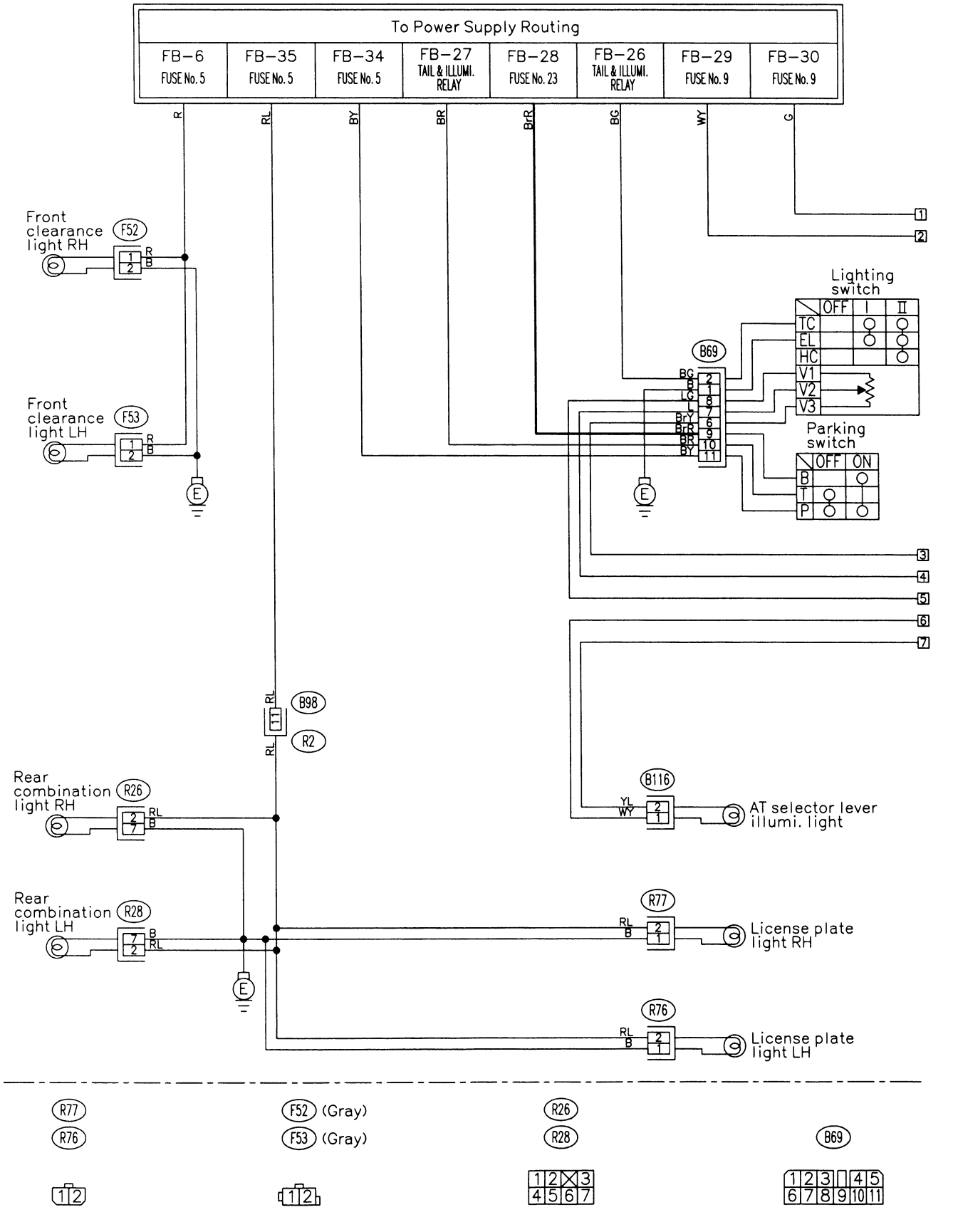
17. LIGHTING (HEADLIGHT) SYSTEM



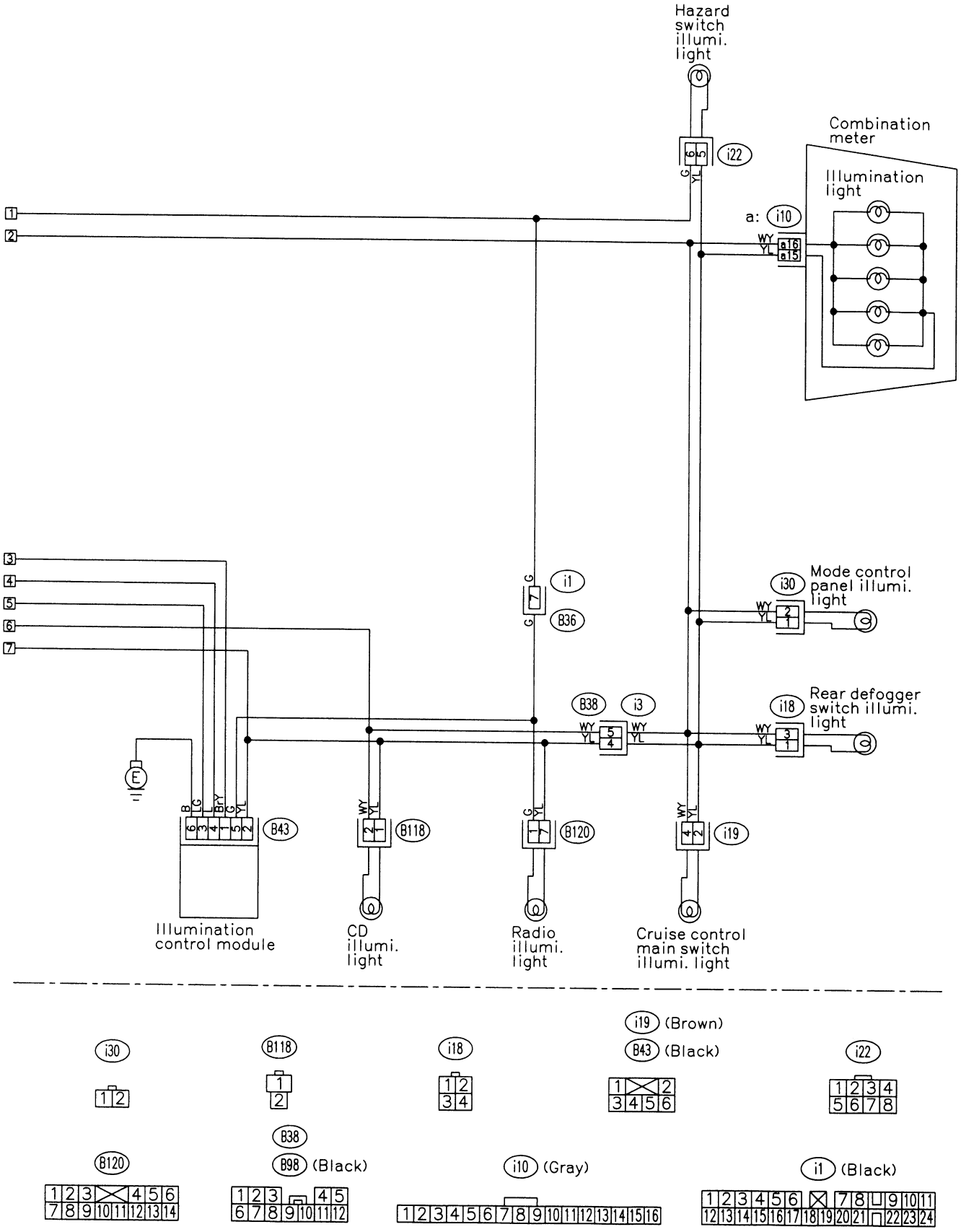
GU20-03

WIRING DIAGRAM

18. LIGHTING
(TAIL LIGHT·ILLUMINATION LIGHT·ETC.) SYSTEM

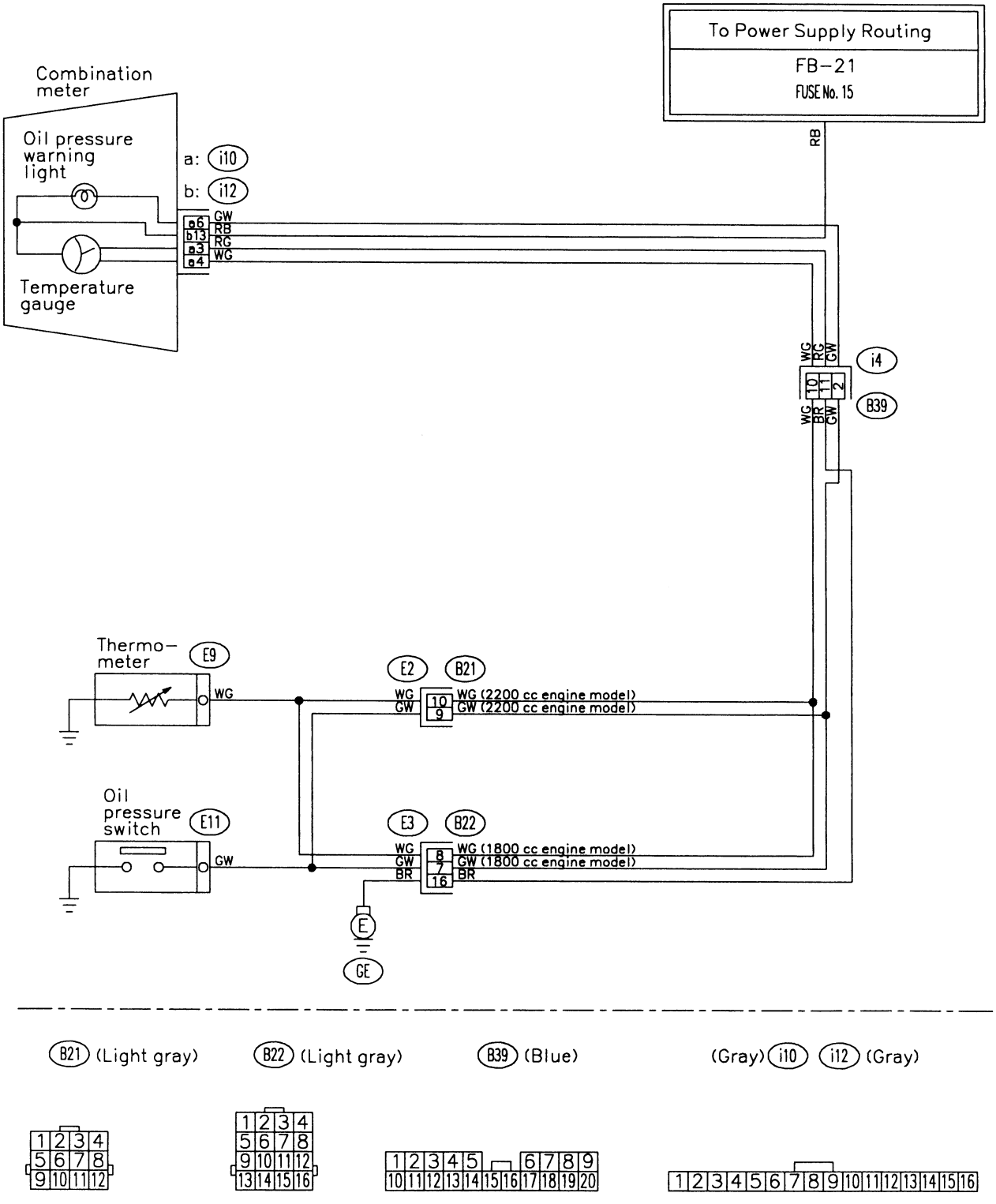


GU21-03A


Hazard switch illumi. light
Combination meter
Illumination light
a: i10
i22
i1
B36
i30
Mode control panel illumi. light
B38
i3
i18
Rear defogger switch illumi. light
B43
B118
B120
i19
Illumination control module
CD illumi. light
Radio illumi. light
Cruise control main switch illumi. light
i19 (Brown)
B43 (Black)
B38
B98 (Black)
i10 (Gray)
i1 (Black)

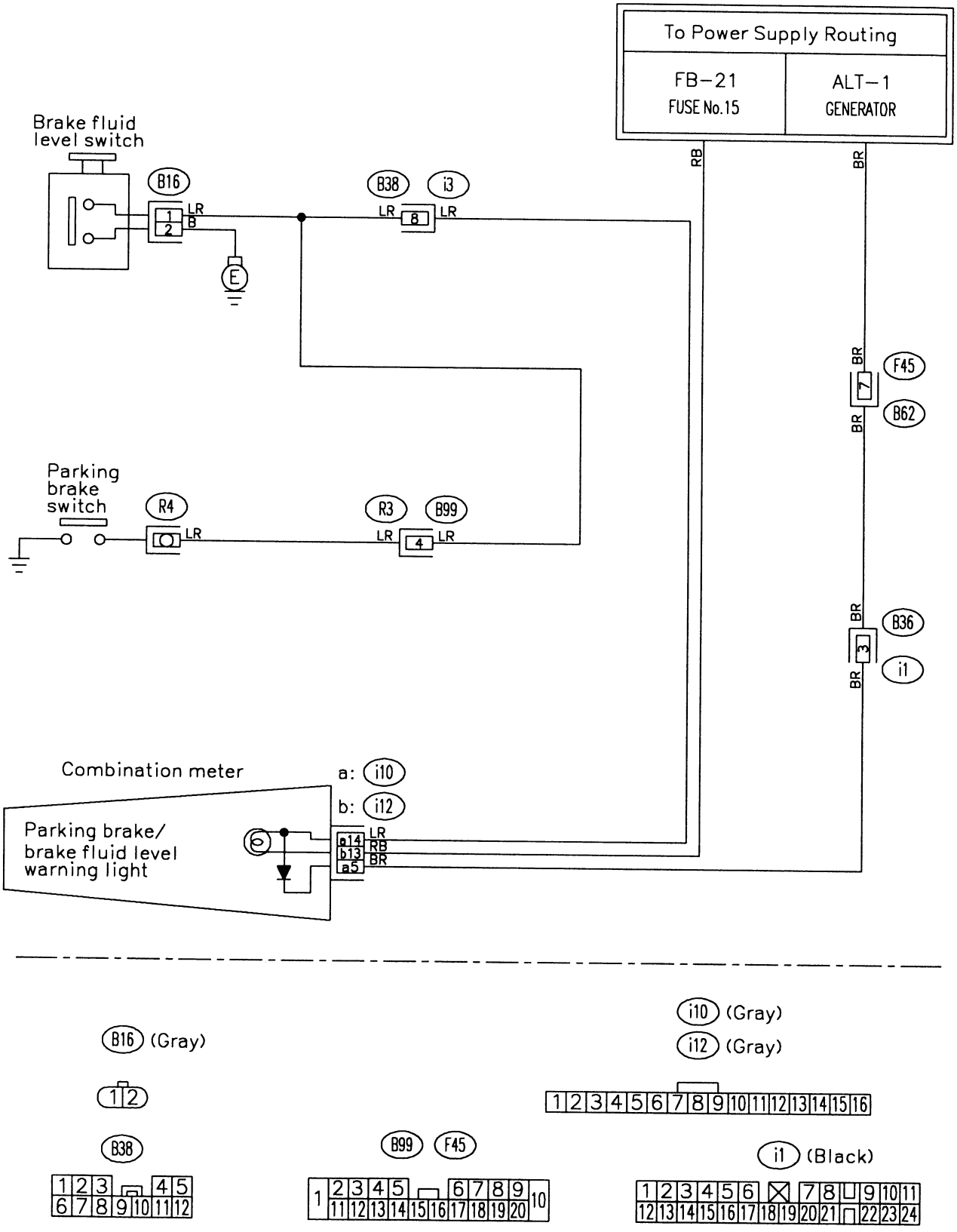
GU21-03B

19. OIL PRESSURE AND TEMPERATURE GAUGE SYSTEM



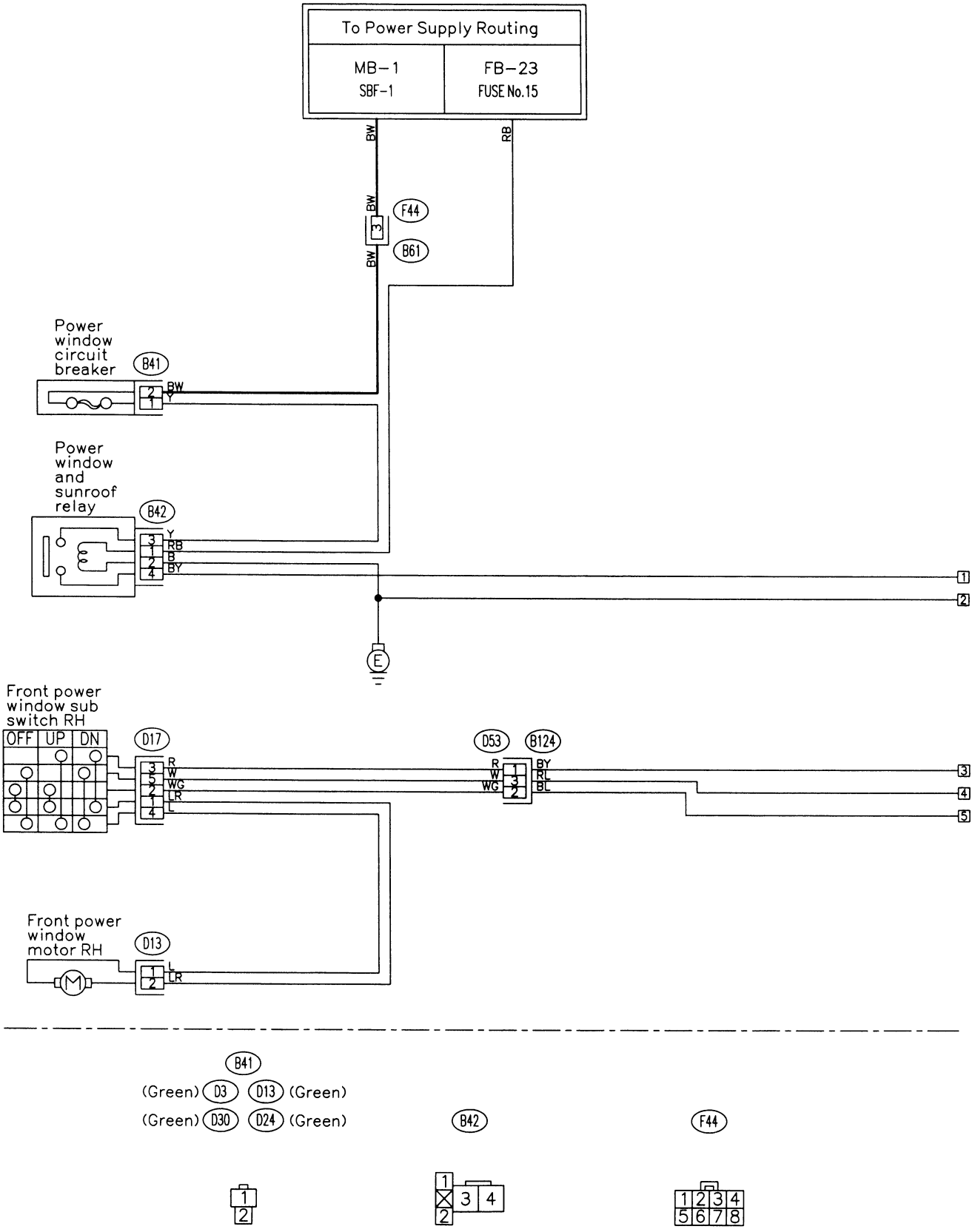
GU66-04

20. PARKING BRAKE AND BRAKE FLUID LEVEL WARNING SYSTEM

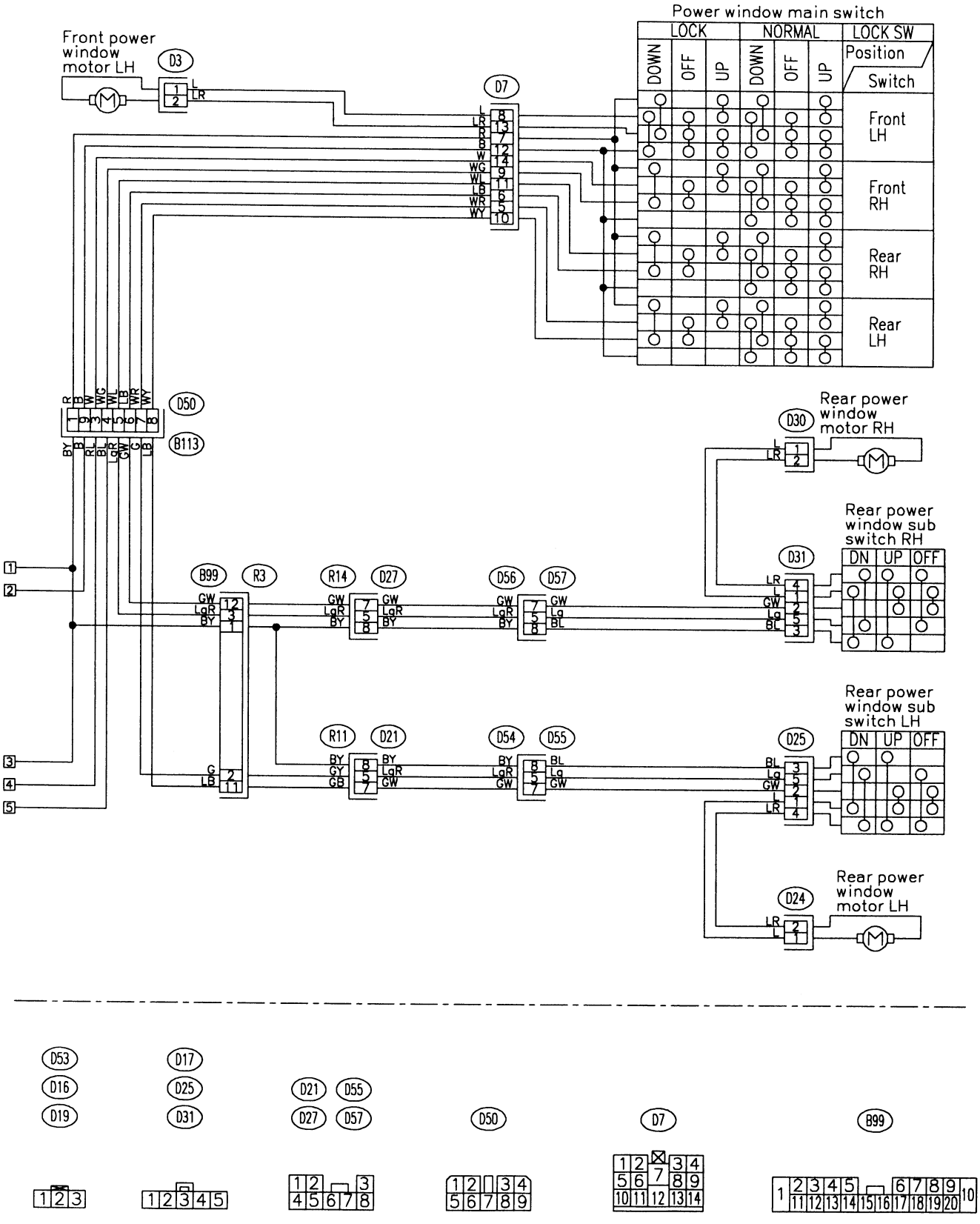


GU60-03

21. POWER WINDOW SYSTEM



GU70-02A

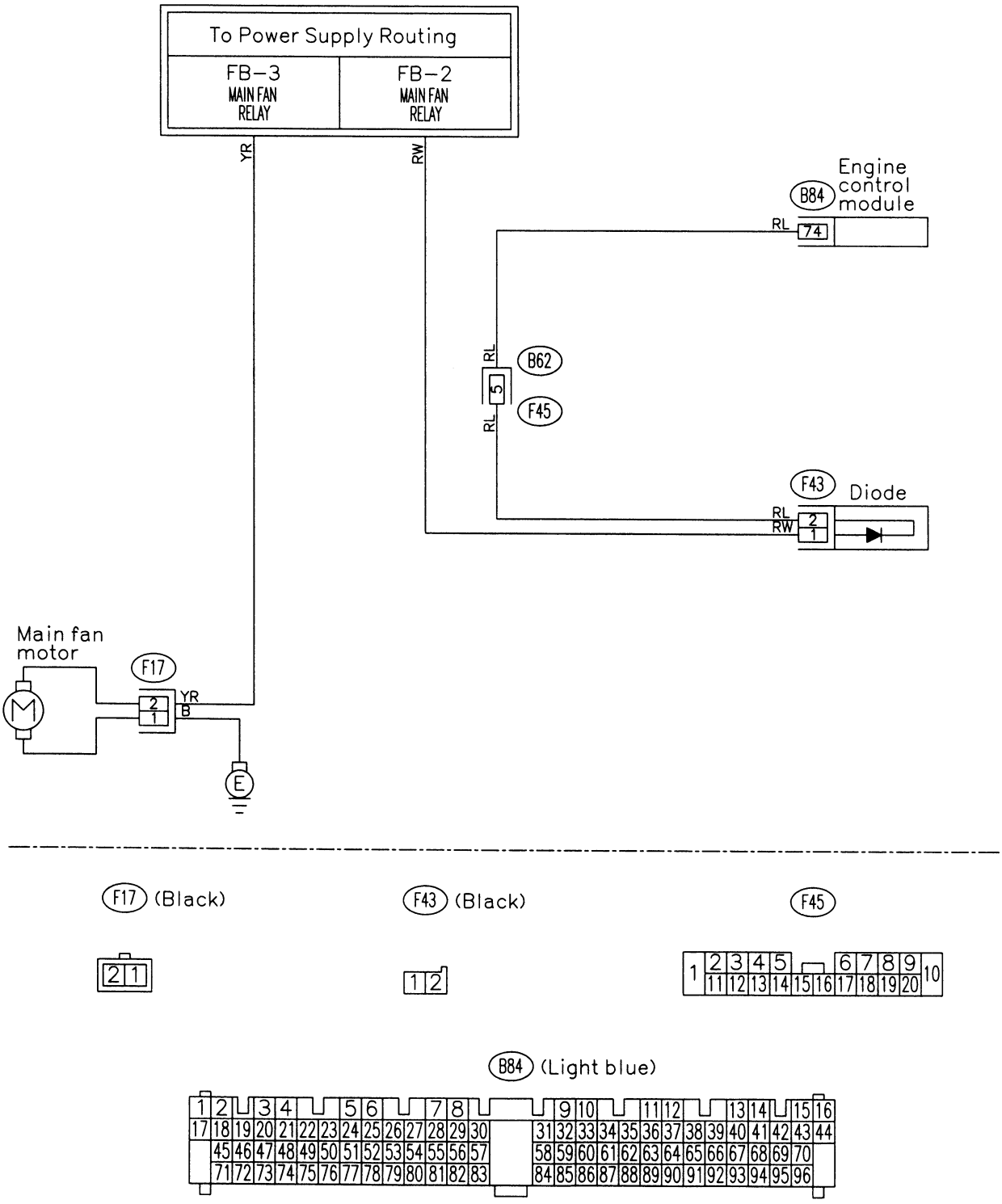

Power window main switch
LOCK
NORMAL
LOCK SW
DOWN
OFF
UP
DOWN
OFF
UP
Position
Switch
Front LH
Front RH
Rear RH
Rear LH
Front power window motor LH
D3
D7
D50
B113
Rear power window motor RH
D30
Rear power window sub switch RH
D31
DN
UP
OFF
Rear power window sub switch LH
D25
Rear power window motor LH
D24
B99
R3
R14
D27
D56
D57
R11
D21
D54
D55

D53
D16
D19
D17
D25
D31
D21
D55
D27
D57
D50
D7
B99

GU70-02B

22. RADIATOR FAN SYSTEM

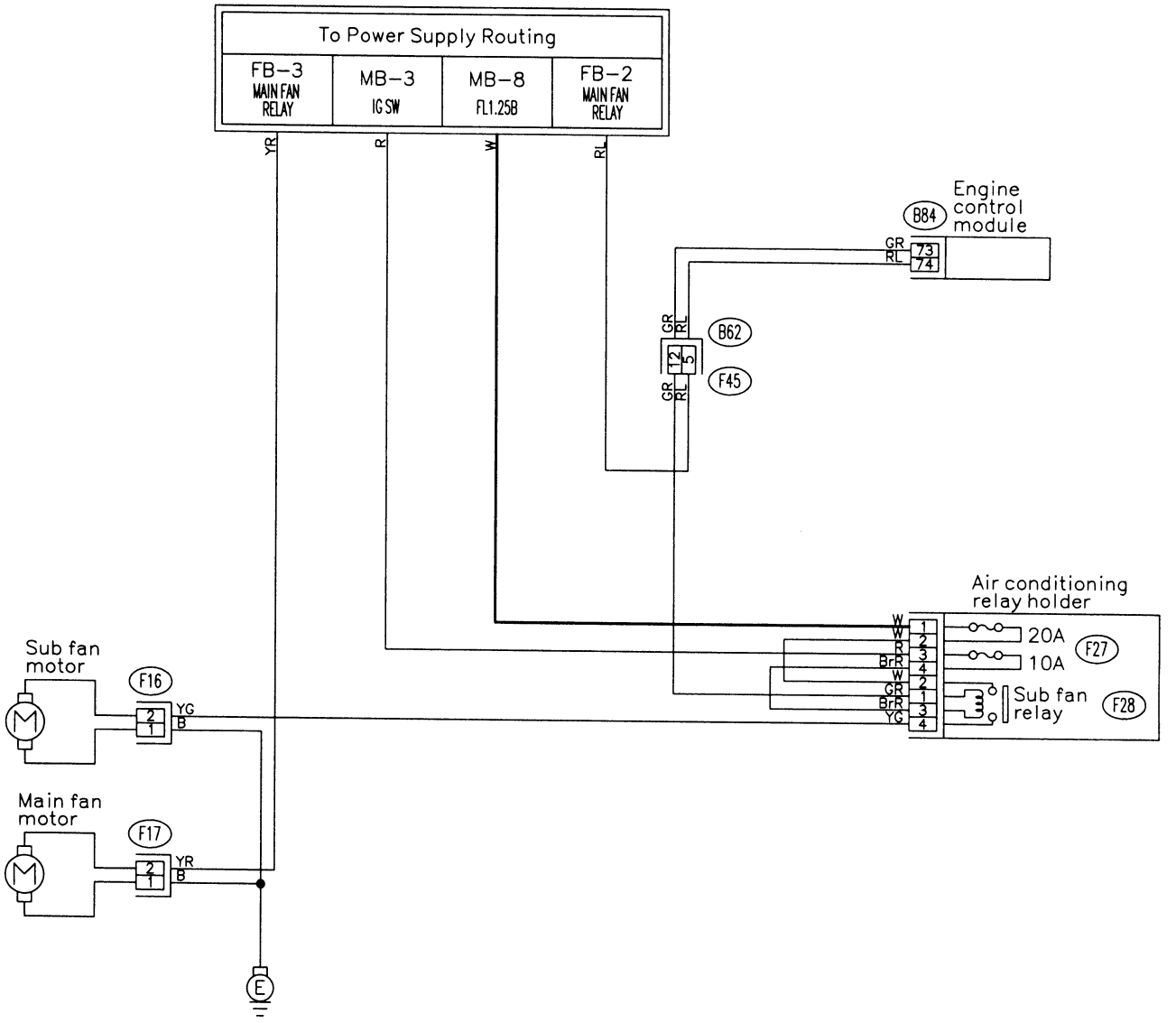
- **Without A/C**

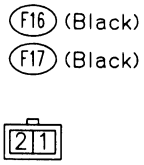


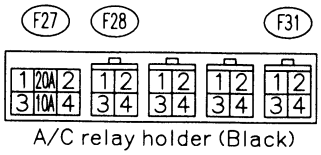
GU14-08

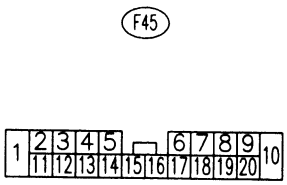
22. RADIATOR FAN SYSTEM

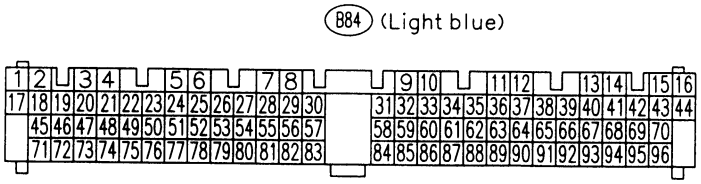
- **With A/C**





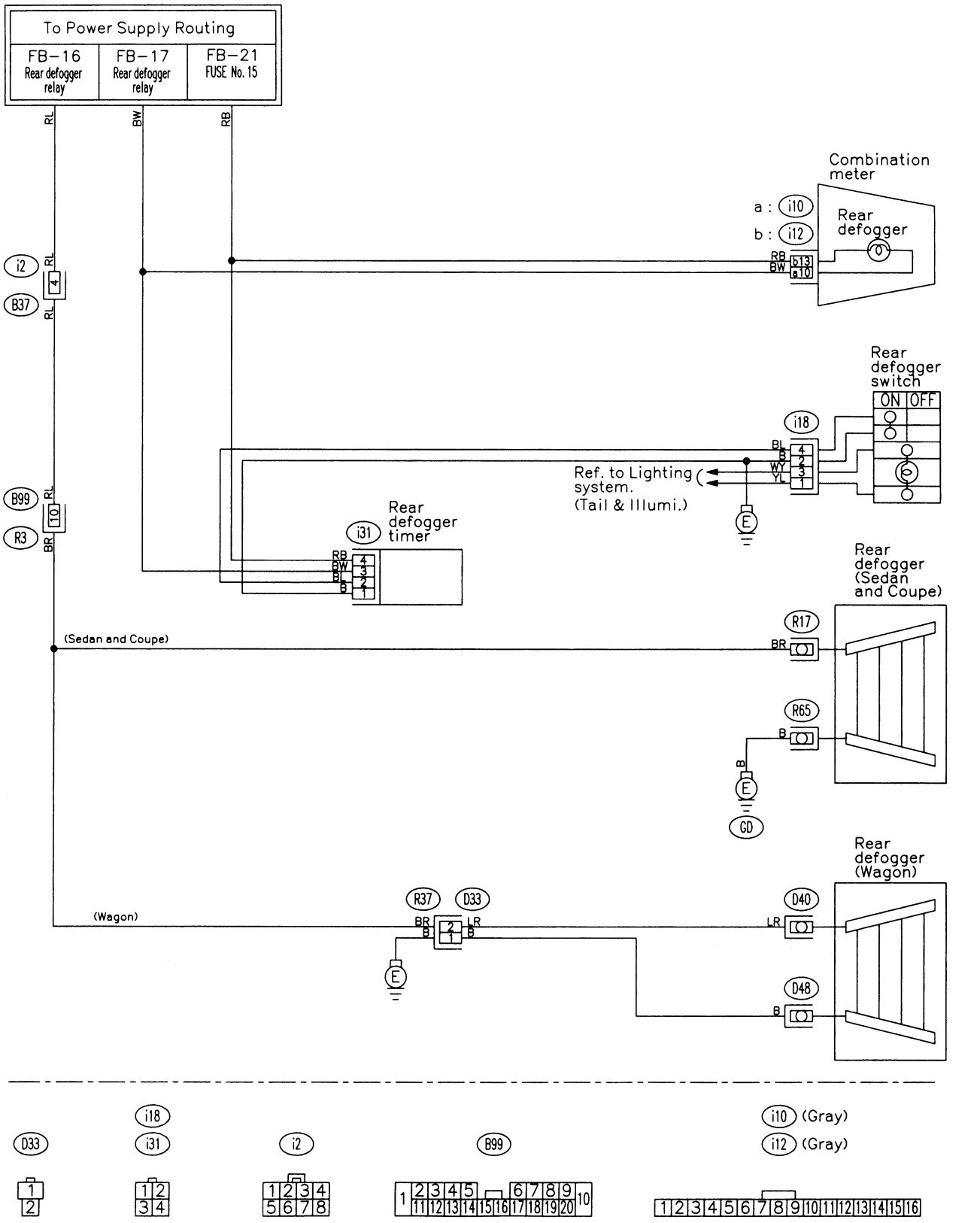






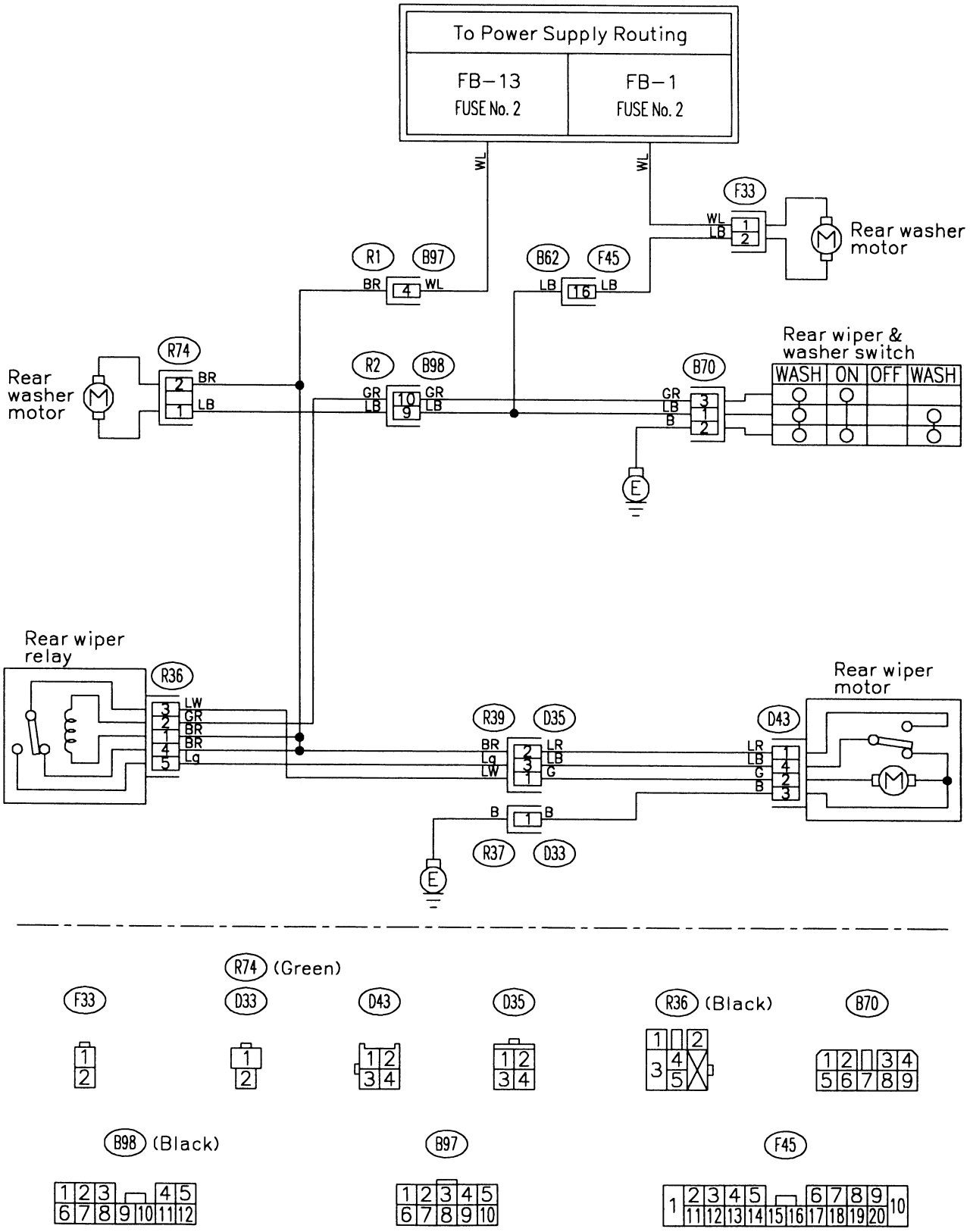
GU14-07

23. REAR WINDOW DEFOGGER SYSTEM



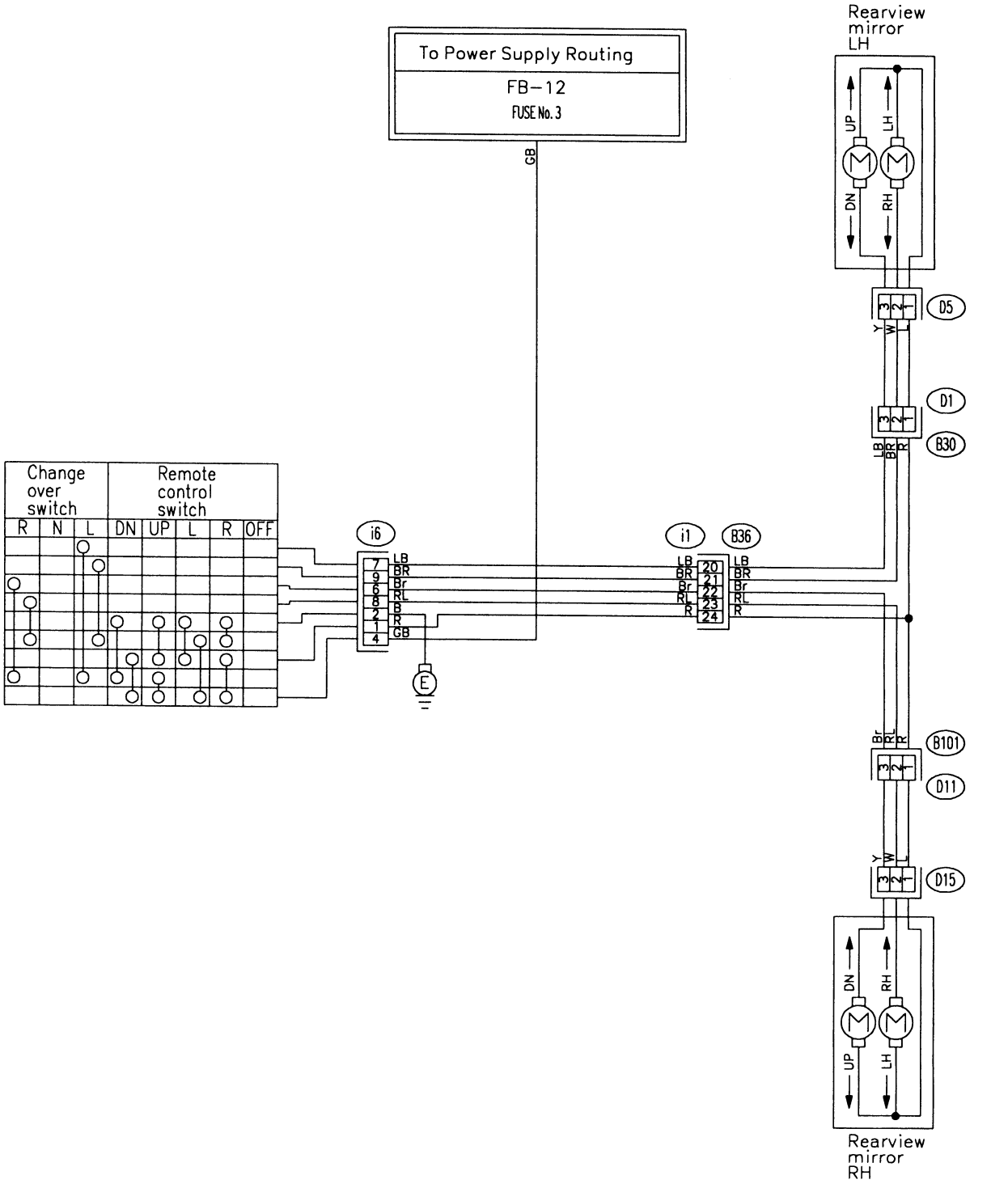
GU52-04

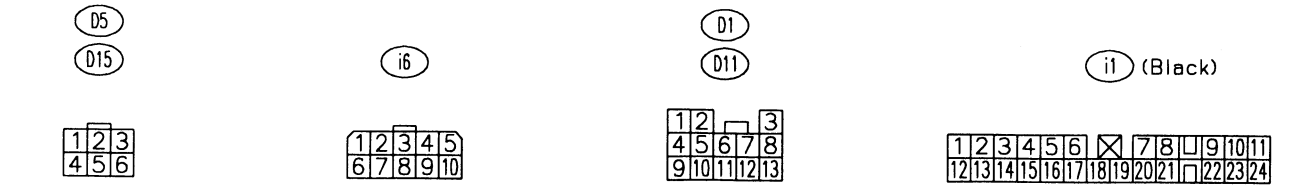
24. REAR WIPER AND WASHER SYSTEM



GU51-03

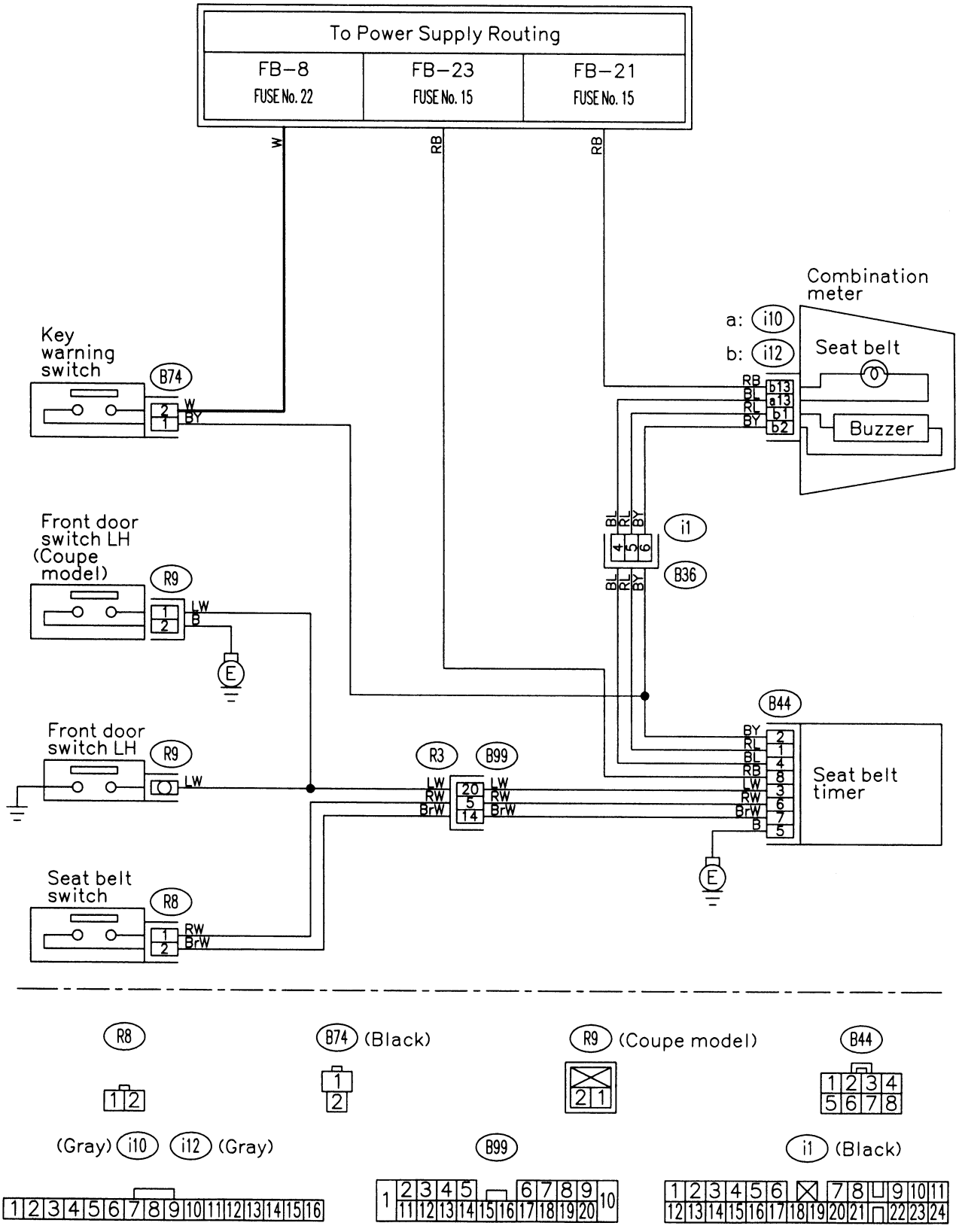
25. REMOTE CONTROL REARVIEW MIRROR SYSTEM





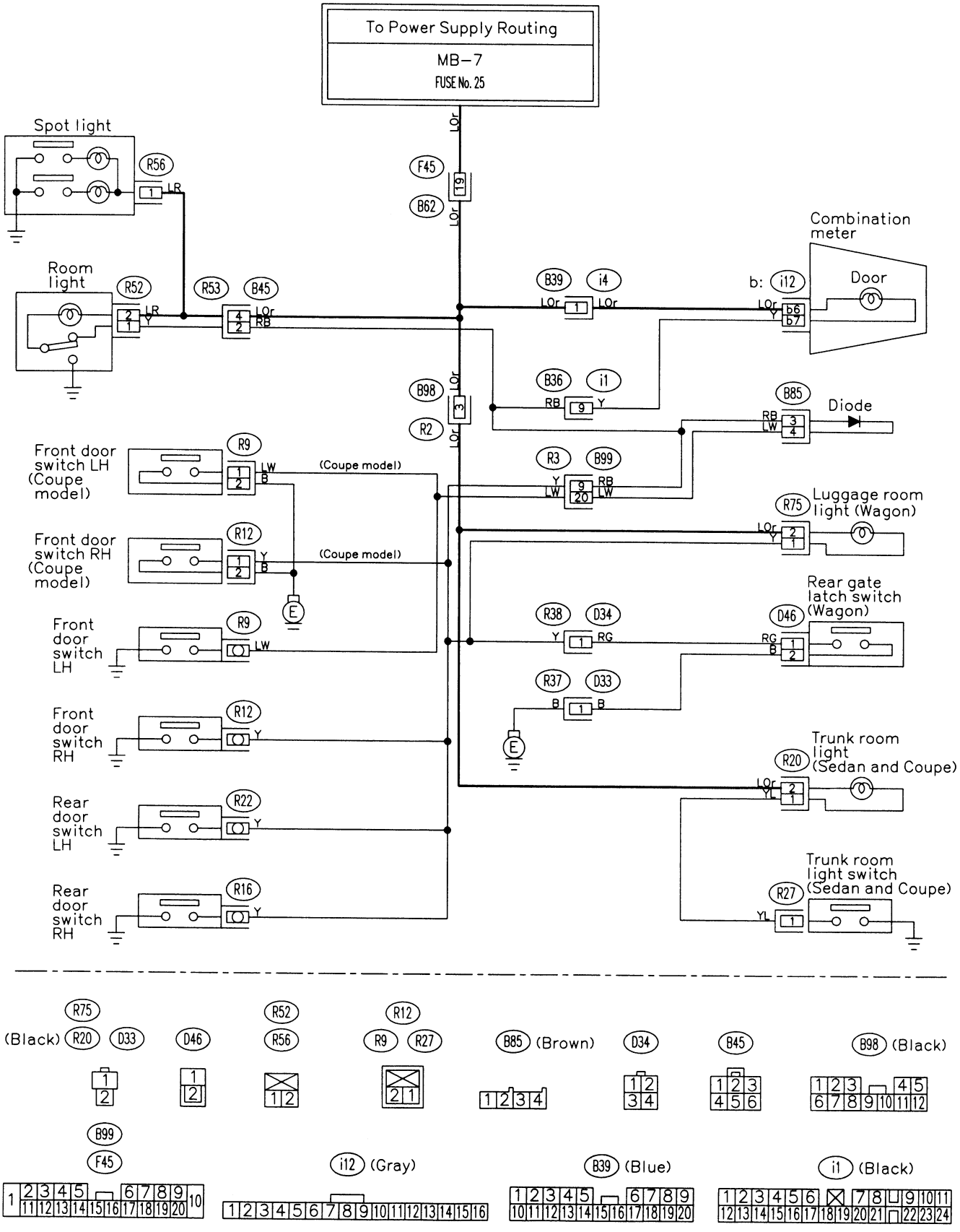
GU79-02

26. SEAT BELT WARNING AND KEY WARNING SYSTEM



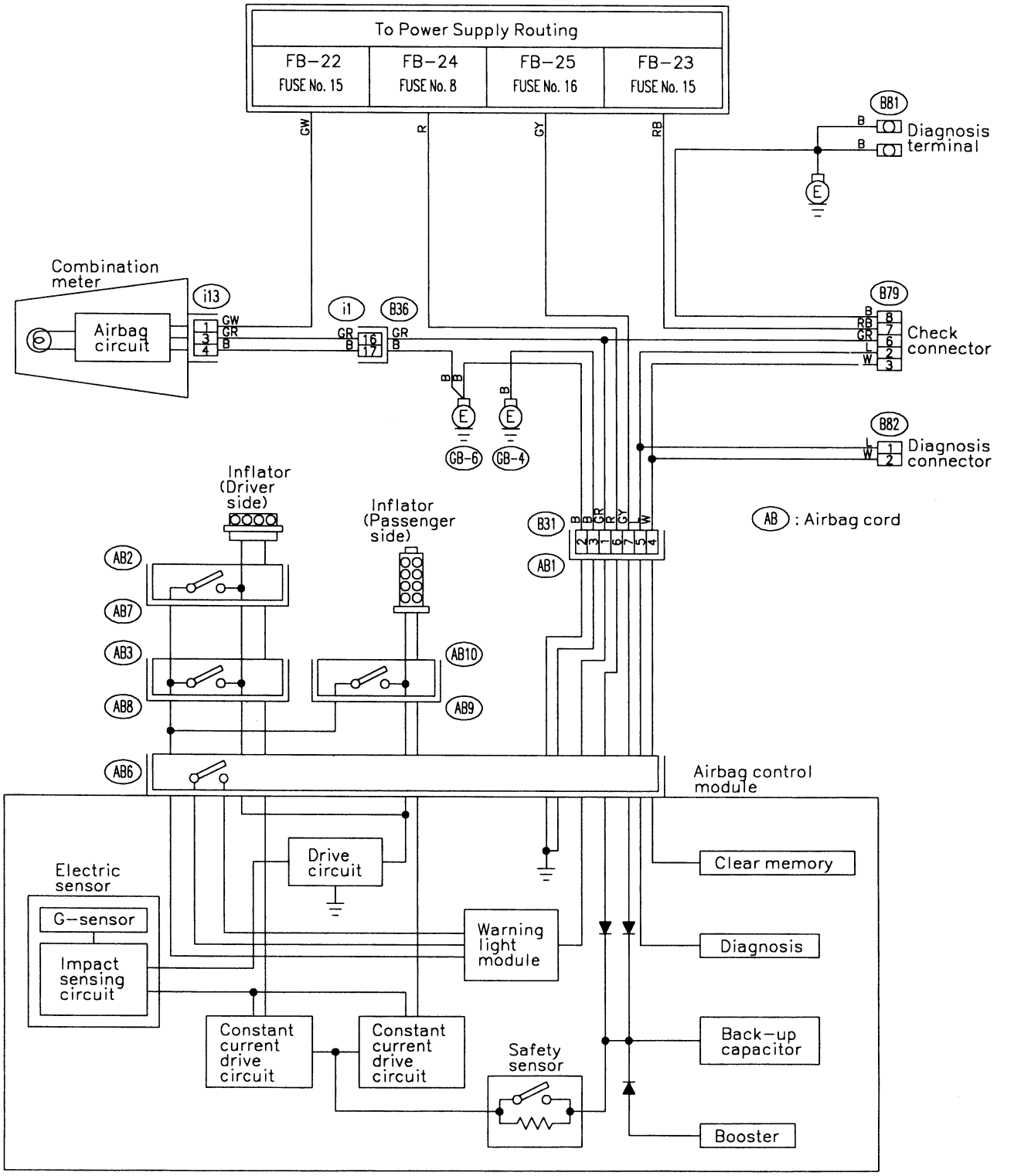
GU87-03

27. SPOT LIGHT, ROOM LIGHT, LUGGAGE AND TRUNK ROOM LIGHT SYSTEM



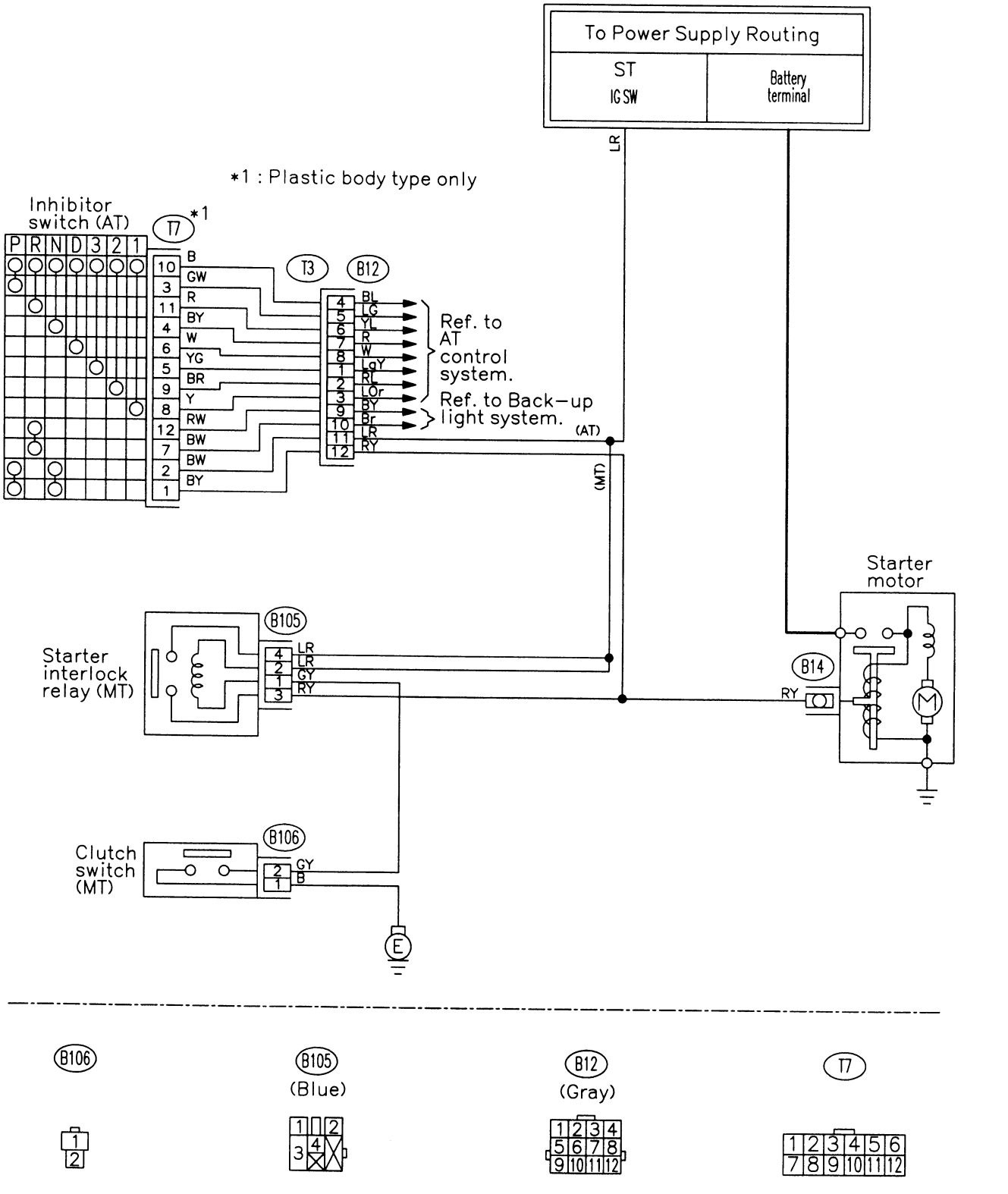
GU24-03

28. SRS (AIRBAG SYSTEM)



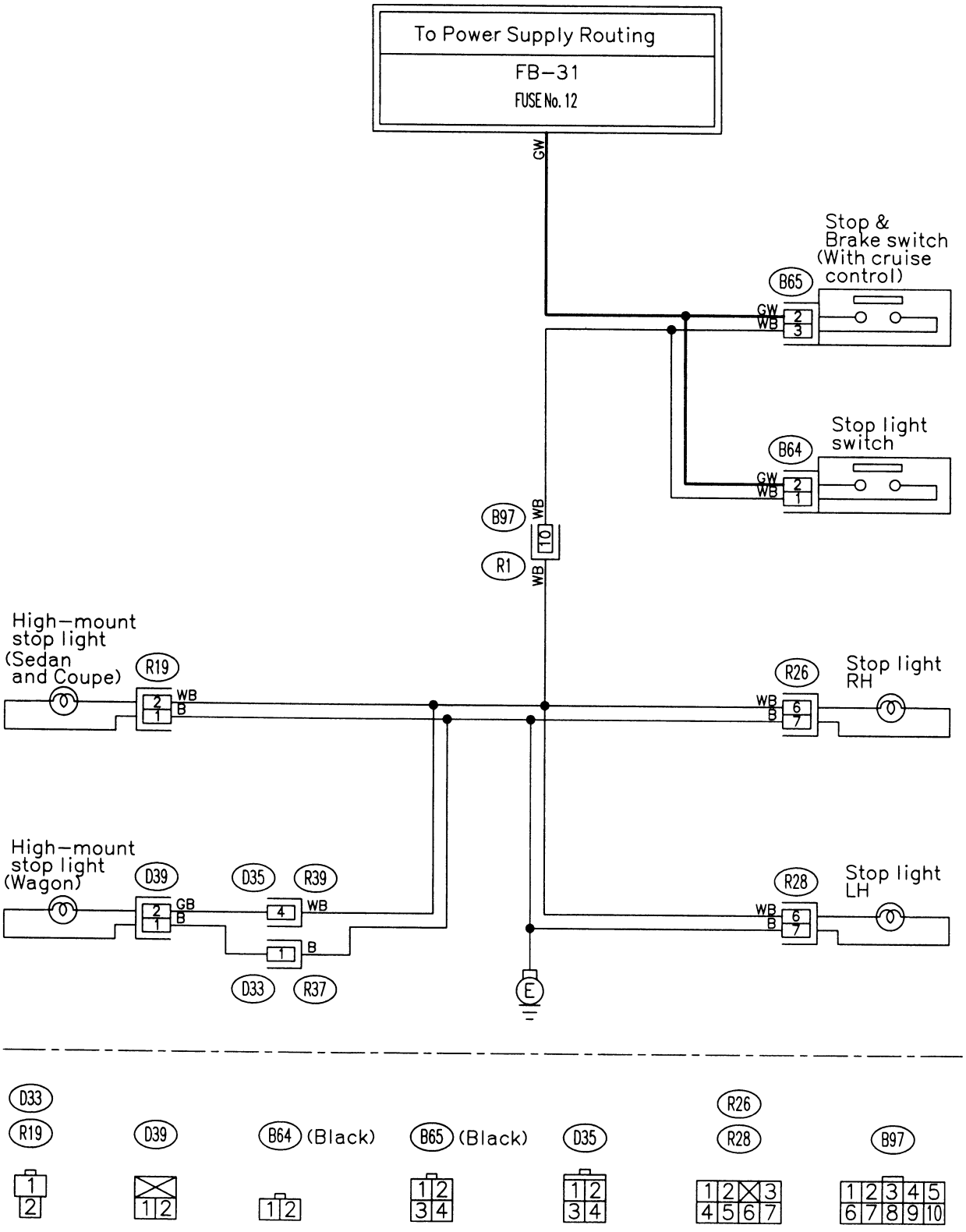
GU86-04

29. STARTING SYSTEM



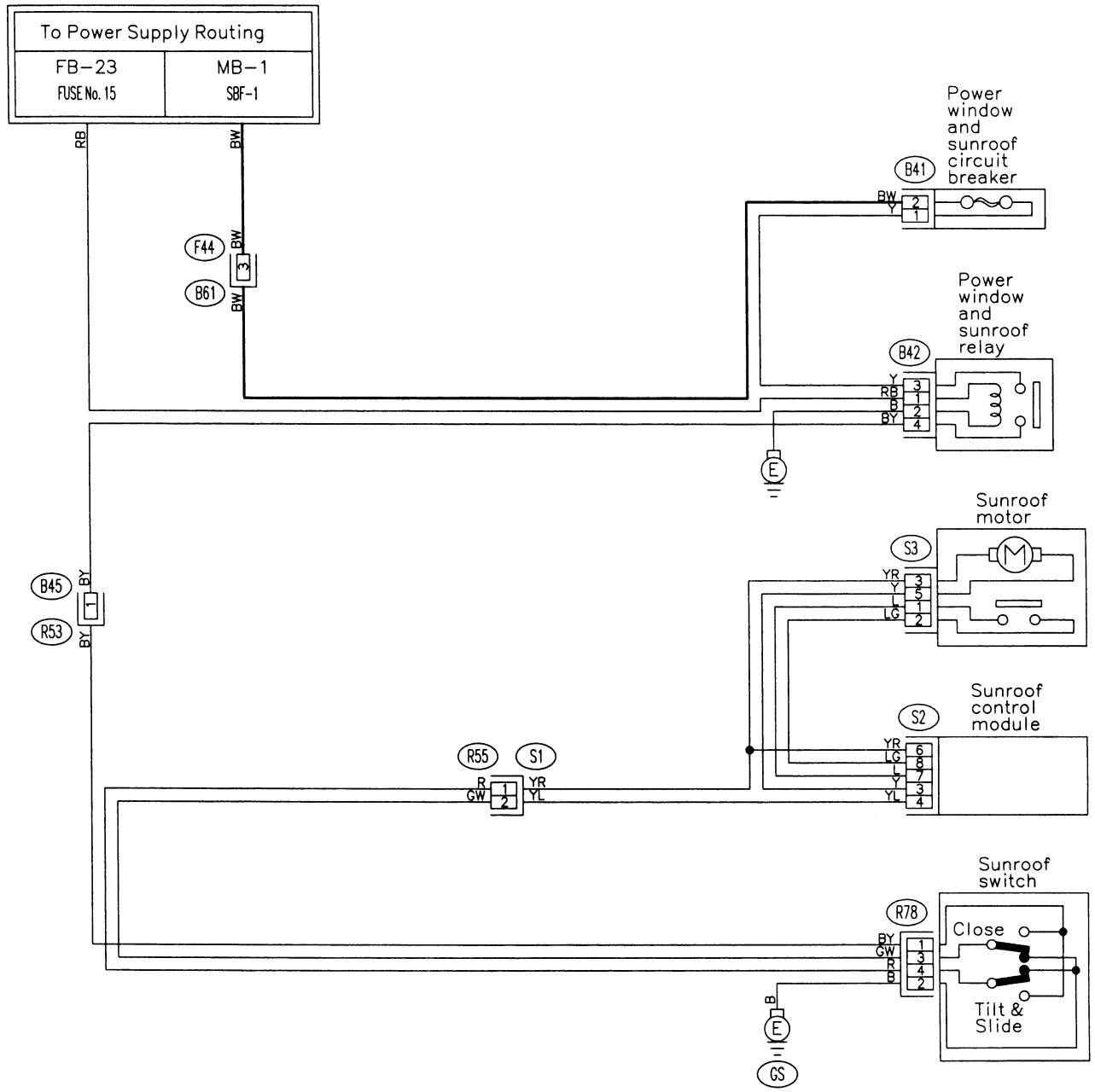
GU03-02

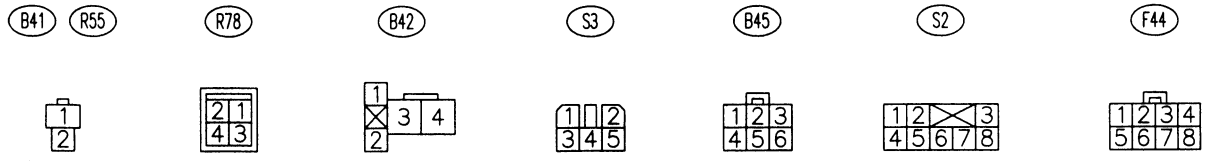
30. STOP LIGHT SYSTEM



GU25-03

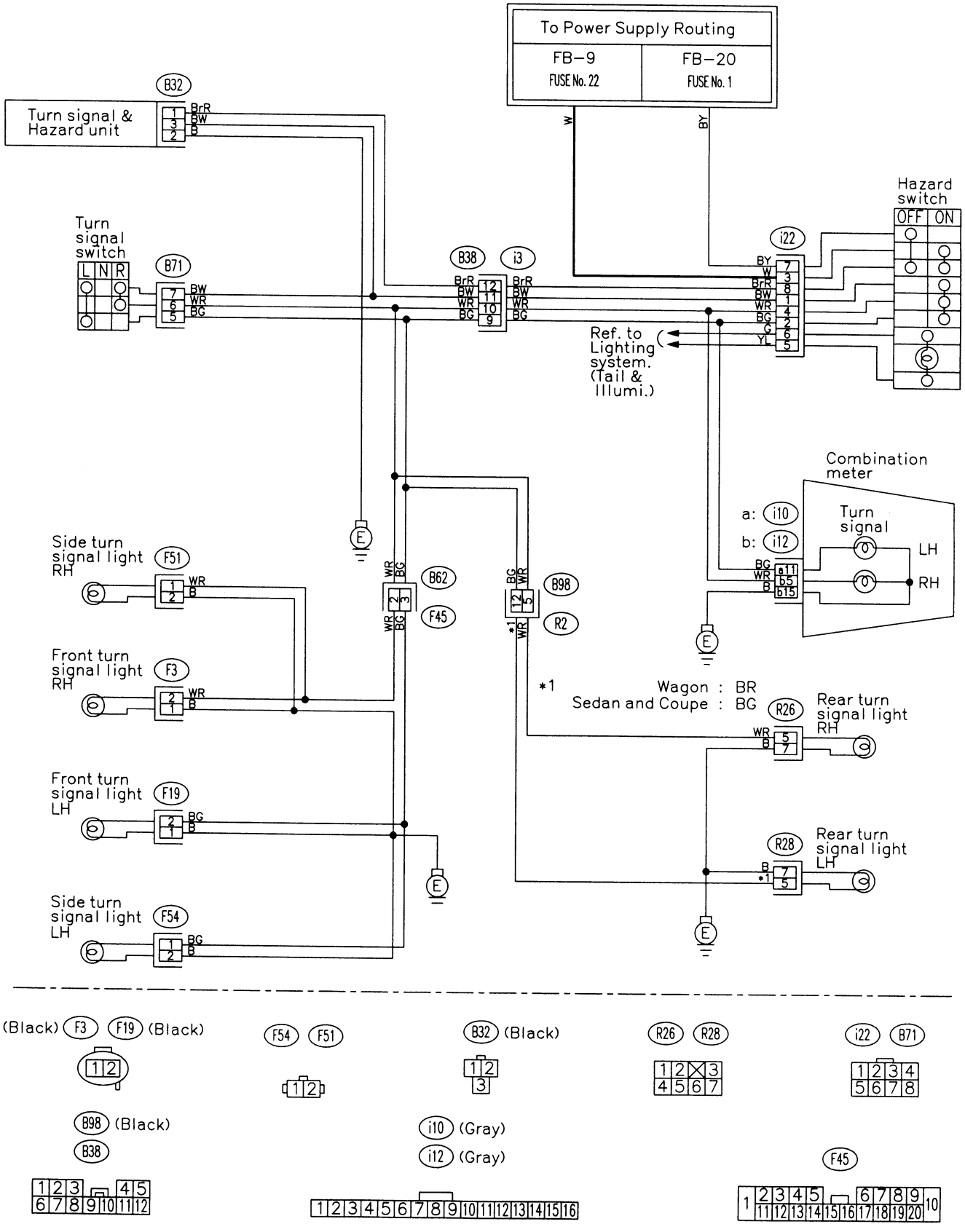
31. SUNROOF SYSTEM





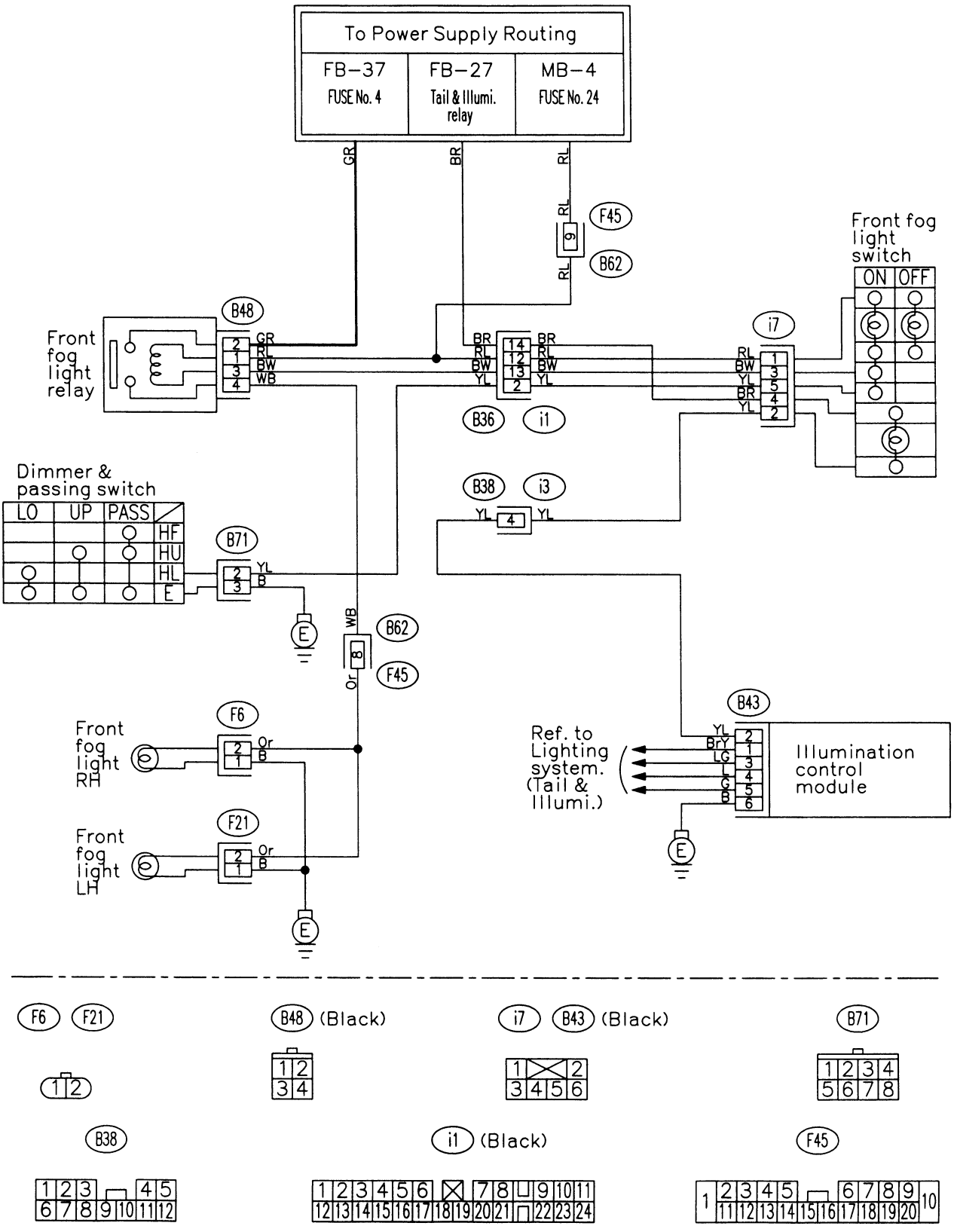
GU75-02

32. TURN SIGNAL AND HAZARD SYSTEM



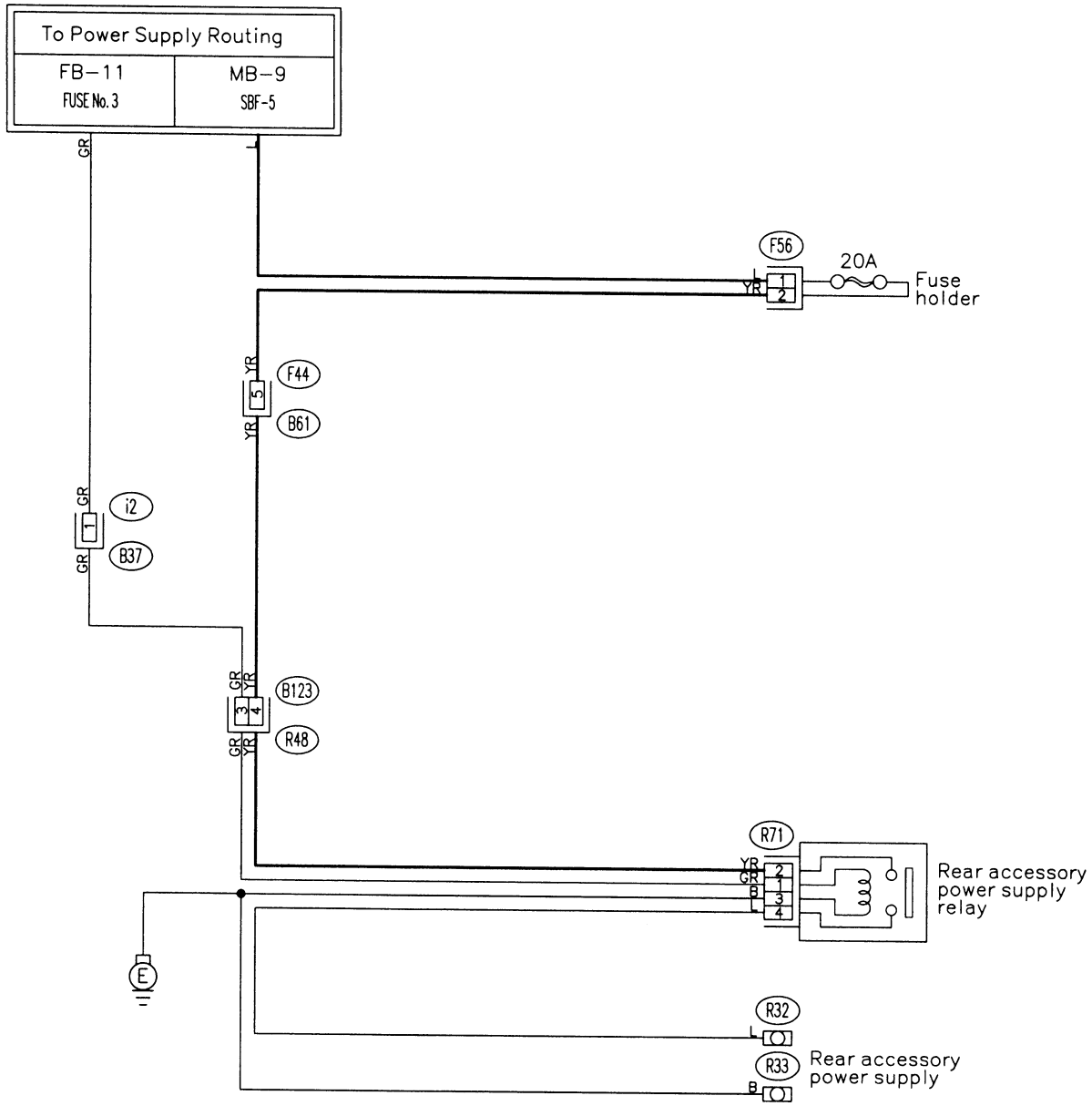
GU26-02

33. FRONT FOG LIGHT SYSTEM



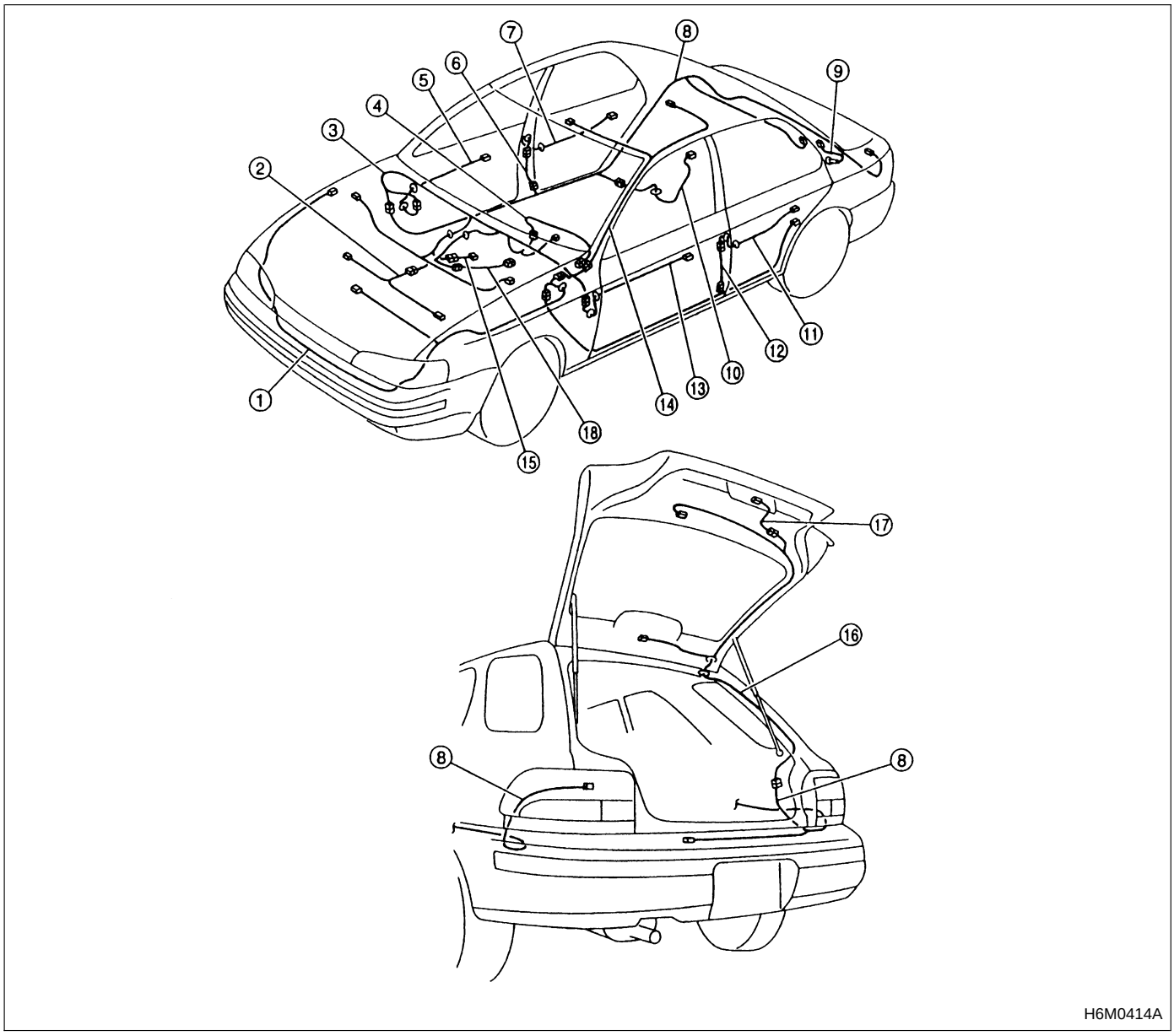
GU22-02

34. REAR ACCESSORY POWER SUPPLY SYSTEM



GU90-01

6. Electrical Wiring Harness and Ground Point

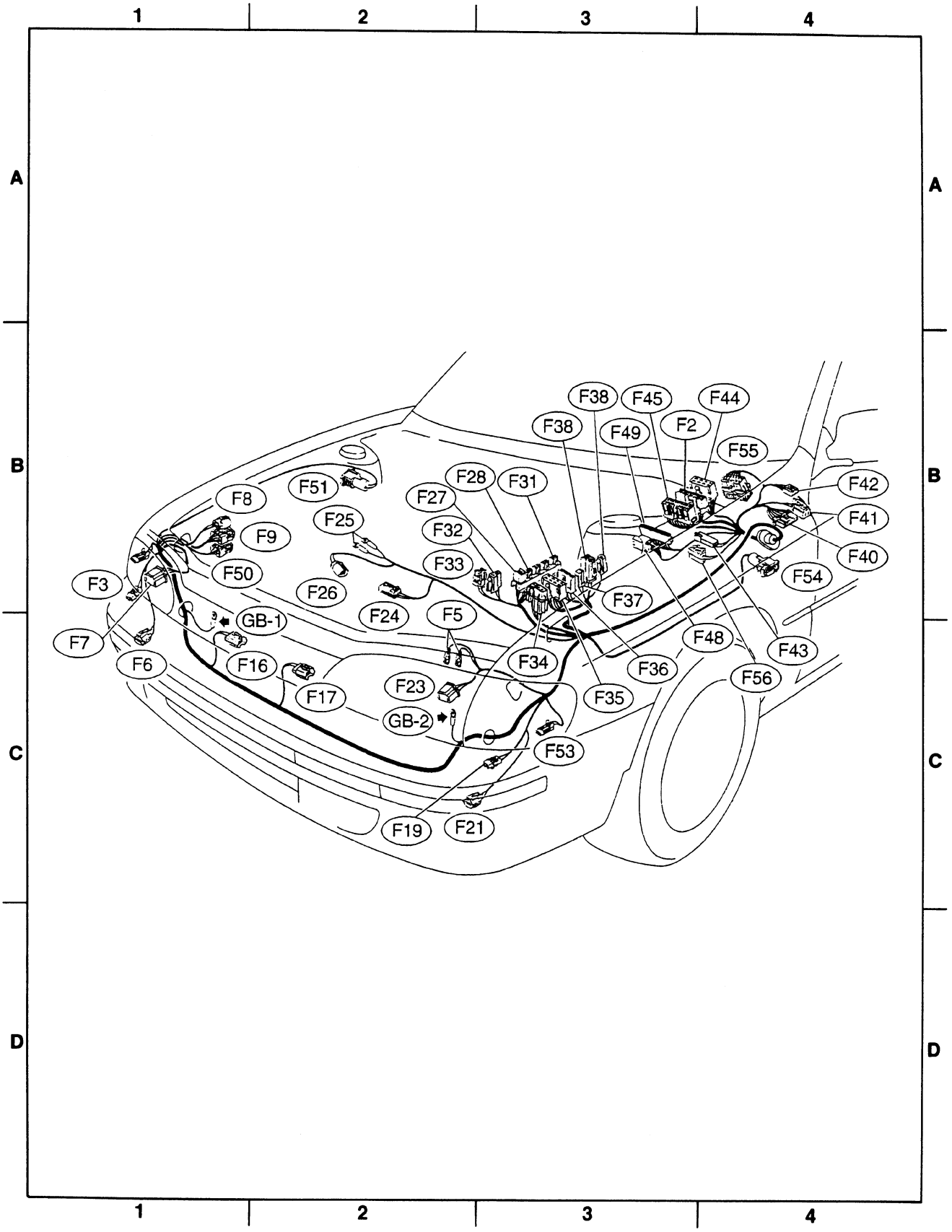


① Front wiring harness
② Engine wiring harness
③ Bulkhead wiring harness
④ Instrument panel wiring harness
⑤ Front door cord RH
⑥ Rear door adapter cord RH
⑦ Rear door cord RH
⑧ Rear wiring harness
⑨ Rear defogger cord (Ground)
⑩ Fuel tank cord
⑪ Rear door cord LH
⑫ Rear door adapter cord LH
⑬ Front door cord LH
⑭ Roof cord
⑮ Transmission cord
⑯ Rear gate cord
⑰ Rear gate lock adapter cord
⑱ Rear oxygen sensor cord

Connector			Connecting to	
No.	Pole	Color	No.	Name
F2	16	Black	B100	Bulkhead wiring harness
F3	2	Black		Front turn signal light RH
F5	1 x 2	★		Horn
F6	2	★		Front fog light RH
F7	3	Black		Headlight RH
F8	2	Gray		Hydraulic module (ABS)
F9	8	Gray		
F16	2	Black		Sub fan motor
F17	2	Black		Radiator main fan motor
F19	2	Black		Front turn signal light LH
F21	2	★		Front fog light LH
F23	3	Black		Headlight LH
F24	3	Gray		A/C compressor
F25	1 x 2	★		Generator
F26	2	★		
F27	4	Black		A/C fuse (Relay holder)
F28	4	Black		A/C sub fan relay (Relay holder)
F31	4	Black		A/C relay (Relay holder)
F32	2	Green		Front washer motor
F33	2	★		Rear washer motor
F34	2	Red		SBF holder
F35	8	★		M/B
F36	3	★		
F37	2	Black		
F38	2	Black		
F39	1	Brown		
F40	10	Gray		F/B
F41	3	Gray		
F42	5	Gray		
F43	2	Black		A/C diode
F44	8	★	B61	Bulkhead wiring harness
F45	20	★	B62	
F48	6	★		Shield joint connector (ABS)
F49	83	Black		ABS control module
F50	6	Black		ABS relay box
F51	2	★		Side turn signal light RH
F52	2	Gray		Front marker light RH
F53	2	Gray		Front marker light LH
F54	2	★		Side turn signal light LH
F55	12	Black	R49	Rear wiring harness (ABS)
F56	2	Black		Fuse holder

★: Non-colored

1. FRONT WIRING HARNESS AND GROUND POINT

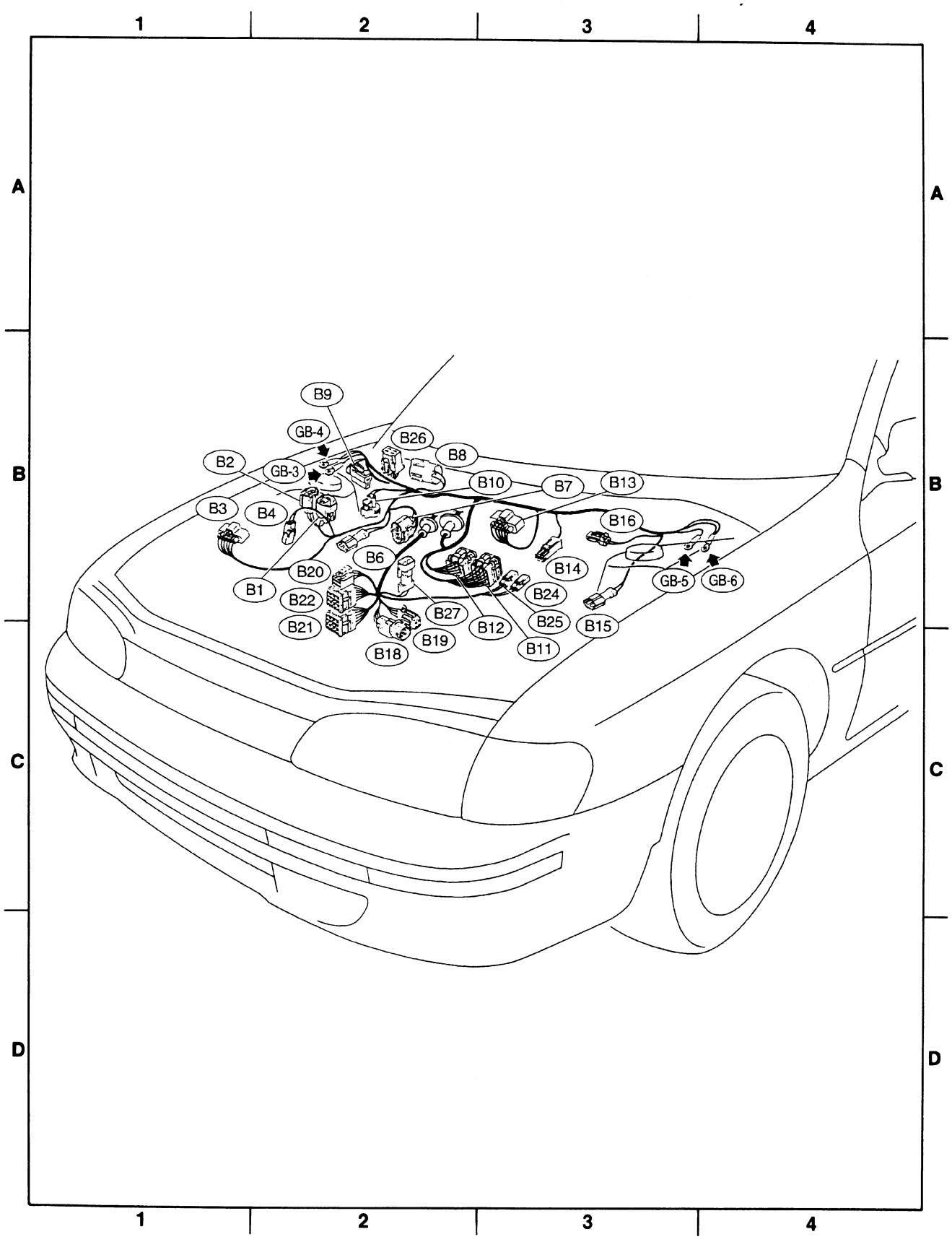


H6M0405

Connector			Connecting to	
No.	Pole	Color	No.	Name
B1	2	Blown		Pressure source switching solenoid
B2	3	Black		Pressure sensor
B3	5	Gray		Mass air flow sensor
B4	2	Gray		AT dropping resistor
B6	2	Gray		ABS front sensor RH
B7	4	Gray		Cruise control actuator
B8	5	★		Front wiper motor
B9	2	★		FWD switch (AT)
B10	2	Gray		A/C pressure switch
B11	16	Gray	T4	Transmission (AT)
B12	12	Gray	T3	
B13	6	Gray		Ignitor
B14	1	Black		Starter (Magnet)
B15	2	Gray		ABS front sensor LH
B16	2	Gray		Brake fluid level switch
B18	4	★		Front oxygen sensor
B19	4	Gray	T5	Rear oxygen sensor cord
B20	6	★	E1	Engine wiring harness (2200 cc engine model)
B21	12	Light gray	E2	Engine wiring harness (2200 cc engine model)
	16	Blue	E2	Engine wiring harness (1800 cc engine model)
B22	16	Light gray	E3	Engine wiring harness
B24	2	Gray	T1	Back-up light switch (MT)
B25	2	Brown	T2	Neutral position switch (MT)
B26	4	Blue		A/C cut relay
B27	2	Gray		FICD solenoid (1800 cc engine model)

★: Non-colored

2. BULKHEAD WIRING HARNESS AND GROUND POINT (IN ENGINE ROOM)



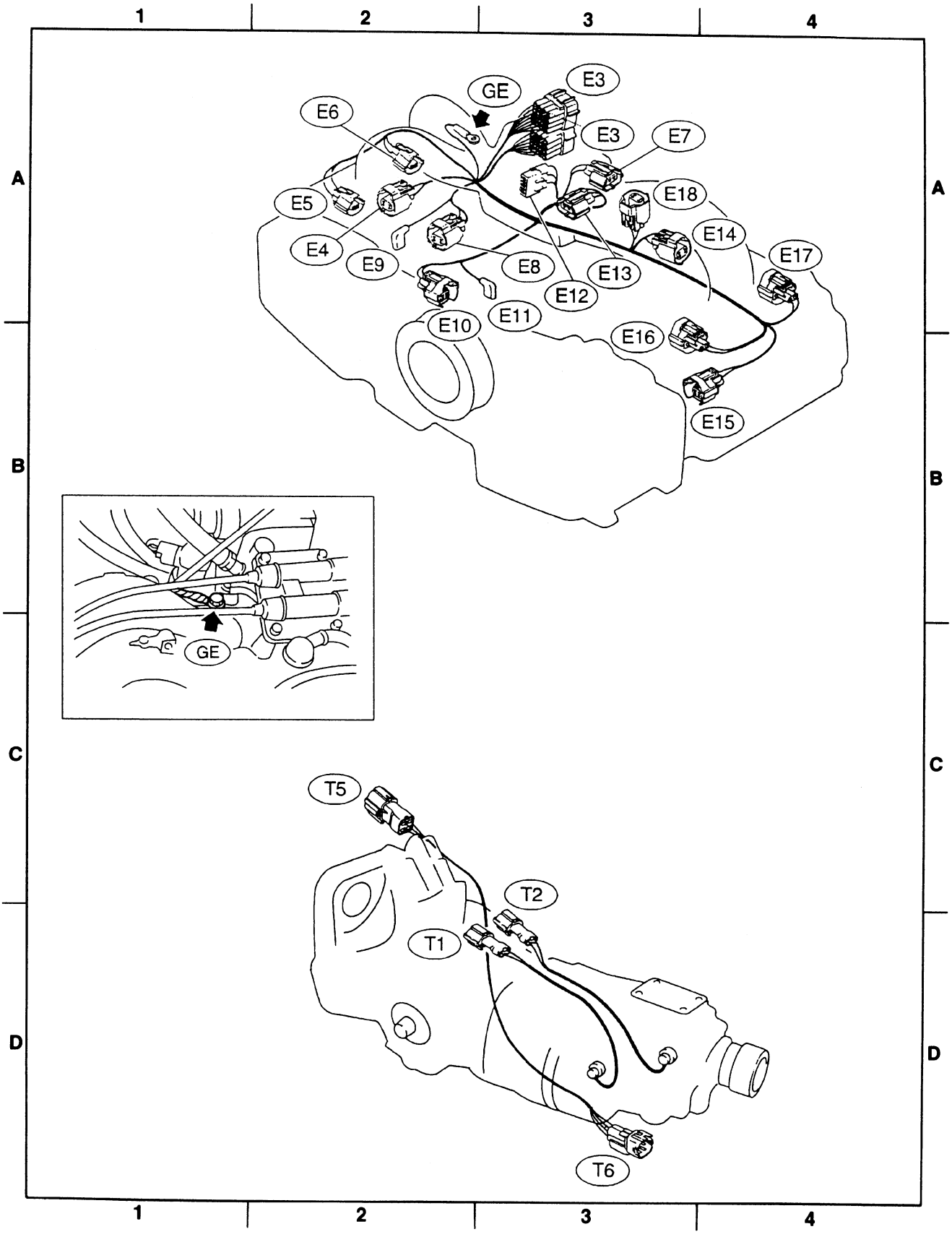
H6M0406

Connector			Connecting to	
No.	Pole	Color	No.	Name
E2	16	Blue	B21	Bulkhead wiring harness
E3	16	Gray	B22	
E4	2	Black		Purge control solenoid valve
E5	2	Gray		Injector #1
E6	2	Gray		Injector #3
E7	3	Gray		Idle air control solenoid
E8	2	Brown		Engine coolant temperature sensor
E9	1	★		Thermometer
E10	2	Gray		Crankshaft position sensor
E11	1	★		Oil pressure switch
E12	3	Gray		Ignition coil
E13	3	Gray		Throttle position sensor
E14	2	Gray		Knock sensor
E15	2	Gray		Camshaft position sensor
E16	2	Gray		Injector #2
E17	2	Gray		Injector #4
E18	2	Brown		EGR solenoid valve

Connector			Connecting to	
No.	Pole	Color	No.	Name
T1	2	Gray	B24	Bulkhead wiring harness (Back-up light switch)
T2	2	Brown	B25	Bulkhead wiring harness (Neutral position switch)
T5	4	Gray	B19	Bulkhead wiring harness
T6	4	Gray		Rear oxygen sensor

★: Non-colored

3. ENGINE WIRING HARNESS · TRANSMISSION CORD AND GROUND POINT (1800 cc engine model)



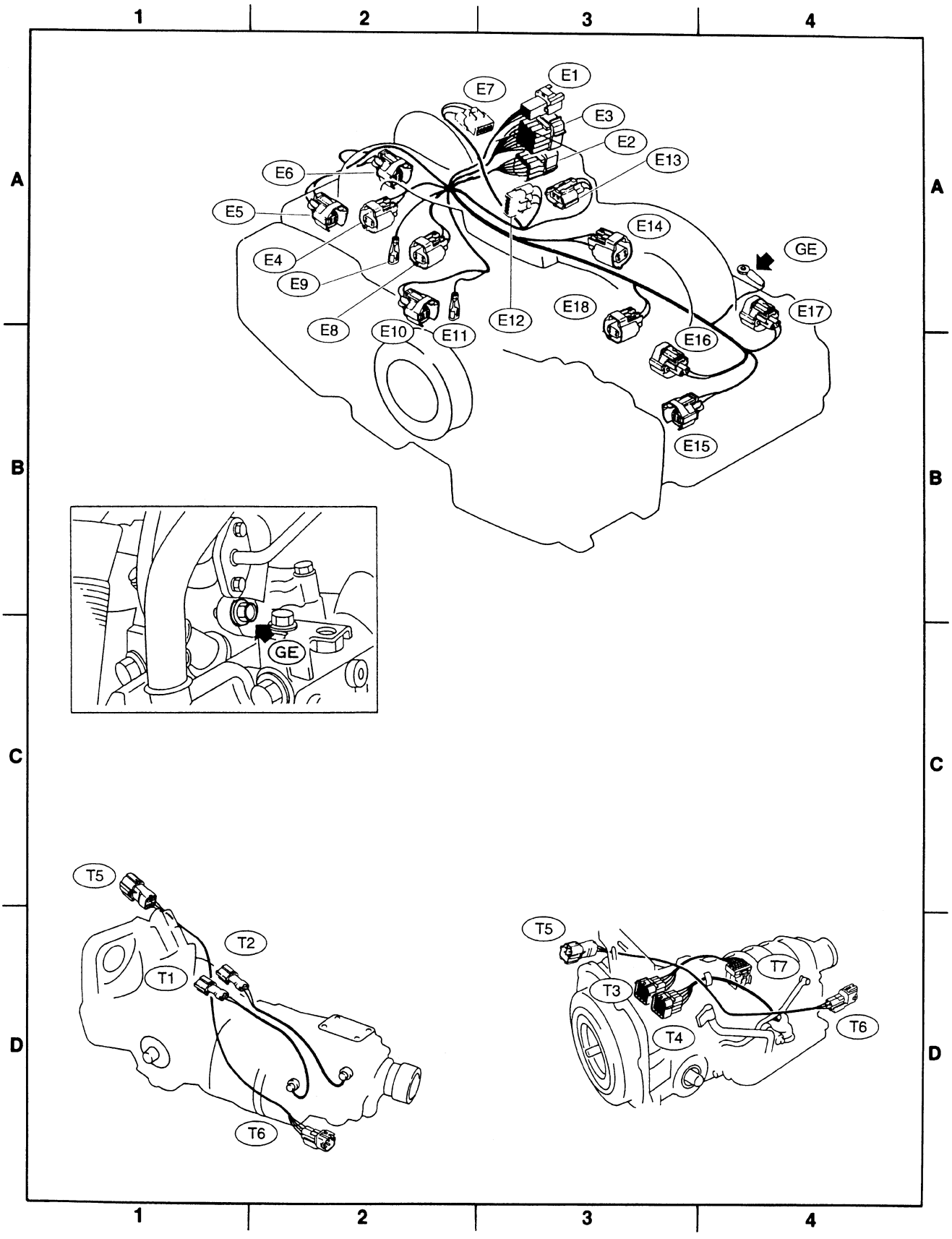
EPA0061

Connector			Connecting to	
No.	Pole	Color	No.	Name
E1	6	★	B20	Bulkhead wiring harness
E2	12	Light gray	B21	
E3	16	Light gray	B22	
E4	2	Blue		Purge control solenoid valve
E5	2	Light gray		Injector #1
E6	2	Dark gray		Injector #3
E7	3	Gray		Idle air control solenoid valve
E8	2	Brown		Engine coolant temperature sensor
E9	1	★		Thermometer
E10	2	Gray		Crankshaft position sensor
E11	1	★		Oil pressure switch
E12	3	Gray		Ignition coil
E13	3	Brown		Throttle position sensor
E14	2	Gray		Knock sensor
E15	2	Dark gray		Camshaft position sensor
E16	2	Light gray		Injector #2
E17	2	Dark gray		Injector #4
E18	2	Brown		EGR solenoid (AT)

Connector			Connecting to	
No.	Pole	Color	No.	Name
T1	2	Gray	B24	Bulkhead wiring harness (MT)
T2	2	Brown	B25	
T3	12	Gray	B12	Bulkhead wiring harness (AT)
T4	16	Gray	B11	
T5	4	Gray	B19	Bulkhead wiring harness
T6	4	Gray		Rear oxygen sensor
T7	12	★		Inhibitor switch (AT)

★: Non-colored

3. ENGINE WIRING HARNESS, TRANSMISSION CORD AND GROUND POINT (2200 cc engine model)



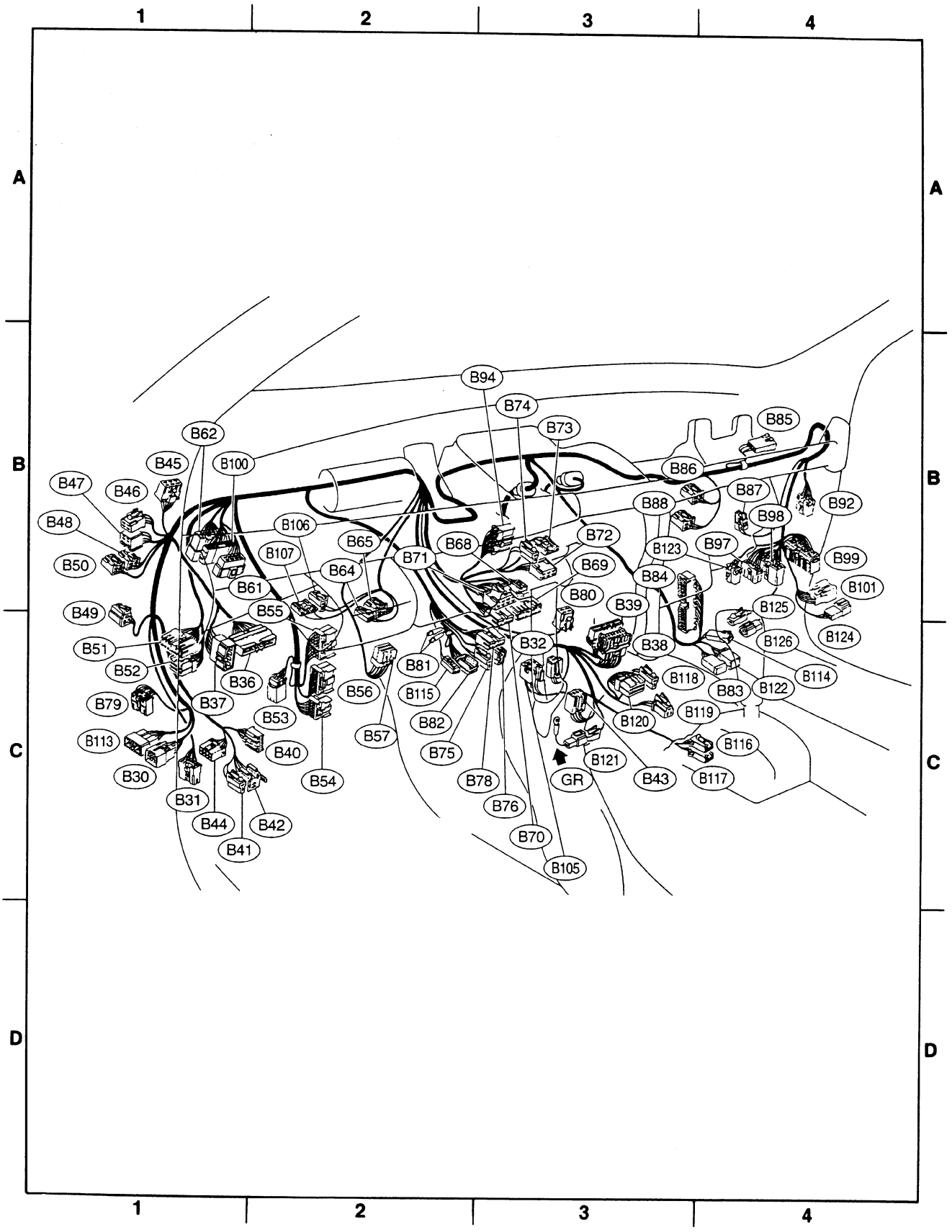
EPA0062

Connector			Connecting to	
No.	Pole	Color	No.	Name
B30	13	★	D1	Front door cord LH
B31	7	Yellow	AB1	SRS (Airbag) harness
B32	3	Black		Turn & hazard module
B36	24	Black	i1	Instrument panel wiring harness
B37	8	★	i2	
B38	12	★	i3	
B39	20	Blue	i4	
B40	16	Black		OBD-II service connector
B41	2	★		Power window circuit breaker
B42	4	★		Power window and sunroof relay
B43	6	Black		Illumination control module
B44	8	★		Seat belt timer
B45	6	★	R53	Roof cord
B46	4	Green		Fuel pump relay
B47	6	Brown		Main relay
B48	4	Black		Front fog light relay
B49	3	Black		Horn relay
B50	4	★		Blower relay
B51	11	Gray		F/B
B52	12	Gray		
B53	6	★		Shield joint connector (AT)
B54	12	Black		Transmission control module
B55	16	Black		
B56	20	Black		
B57	12	Black		Shift lock control module
B61	8	★	F44	Front wiring harness
B62	20	★	F45	
B64	2	Black		Stop light switch
B65	4	Black		Stop & brake switch (With cruise control)
B68	5	Black		Cruise control sub switch
B69	11	★		Combination switch
B70	9	★		
B71	8	★		
B72	6	Black		Ignition switch
B73	2	Black		Key lock solenoid (AT)
B74	2	Black		Key warning switch
B75	2	Green	B76	Test mode connector
B76	2	Green	B75	
B78	9	Yellow		Data link connector

Connector			Connecting to	
No.	Pole	Color	No.	Name
B79	14	Gray		Check connector
B80	4	Blue	i20	Instrument panel wiring harness
B81	1 x 2	★		Diagnosis terminal (Ground)
B82	6	Black		Diagnosis connector
B83	6	★		Shield joint connector (E/G) (1800 cc engine model)
	8	★		Shield joint connector (E/G) (2200 cc engine model)
B84	96	Light blue		Engine control module
B85	4	Brown		Diode (Lighting)
B86	4	★		Blower motor resistor
B87	2	★		Blower motor
B88	4	Brown		Evaporator thermoswitch
B92	8	★		Door lock timer
B94	20	★		Cruise control module
B97	10	★	R1	Rear wiring harness
B98	12	Black	R2	
B99	20	★	R3	
B100	16	Black	F2	Front wiring harness (With ABS model)
B101	13	★	D11	Front door cord RH
B105	4	Blue		Starter interlock relay (MT)
B106	2	★		Clutch switch (MT)
B107	2	Blue		Clutch switch (Cruise control)
B113	9	★	D50	Front door cord LH
B114	2	Black		Diode (A/C)
B115	2	Black		Check connector (ABS)
B116	4	Black		Select level illumination light (AT)
B117	4	★		Parking position switch & shift lock solenoid (AT)
B118	2	★		CD player illumination light
B119	3	★		Cigarette lighter
B120	14	★		Radio
B121	1	Black		Ground (Radio)
B122	6	★		Sensor ground joint connector
B123	4	★	R48	Rear wiring harness
B124	3	★		Front door cord RH
B125	1	Green	B126	Test mode connector
B126	1	Green	B125	

★: Non-colored

4. BULKHEAD WIRING HARNESS (IN COMPARTMENT)

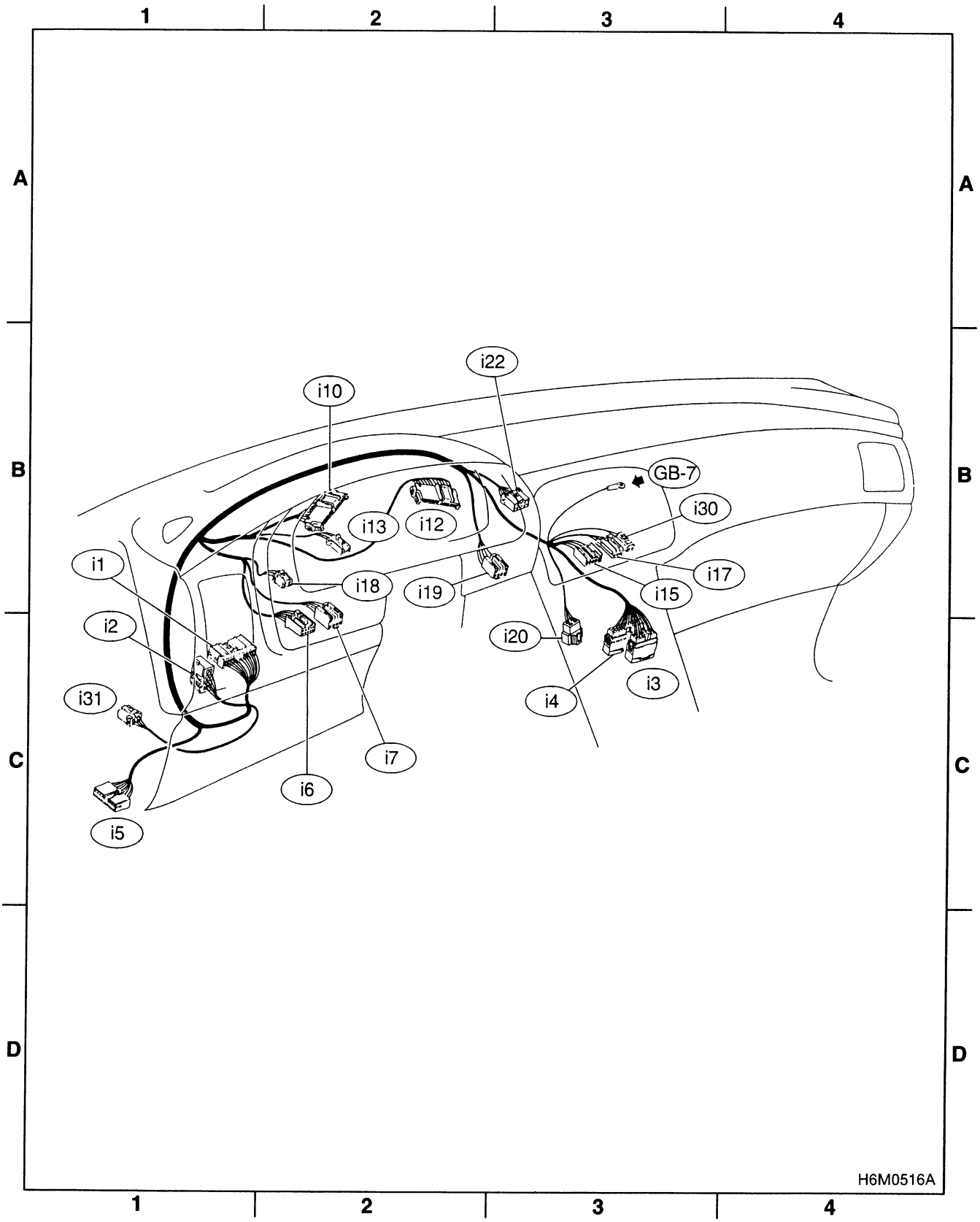


H6M0408

Connector			Connecting to	
No.	Pole	Color	No.	Name
i1	24	Black	B36	Bulkhead wiring harness
i2	8	★	B37	
i3	12	★	B38	
i4	20	Blue	B39	
i5	15	Gray		F/B
i6	10	★		Remote control rearview mirror switch
i7	6	★		Front fog light switch
i10	16	Gray		Combination meter
i12	16	Gray		
i13	4	★		Combination meter (Airbag warning)
i15	6	★		Fan switch
i17	3	★		Mode control panel
i18	4	★		Rear defogger switch
i19	6	Brown		Cruise control main switch
i20	4	Blue	B80	Bulkhead wiring harness
i22	8	★		Hazard switch
i30	2	★		Mode control panel illumination light
i31	4	★		Rear window deffogger timer

★: Non-colored

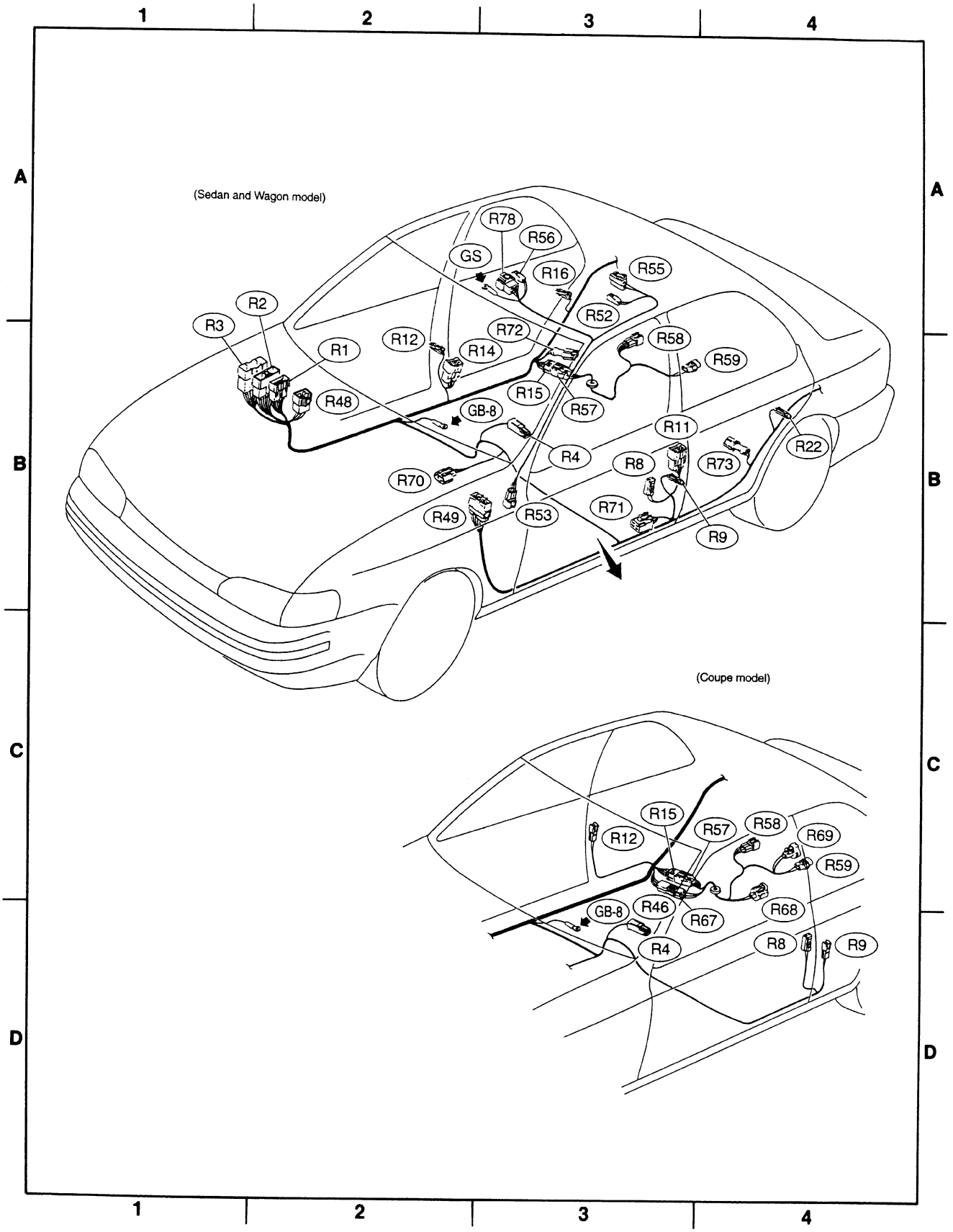
5. INSTRUMENT PANEL WIRING HARNESS AND GROUND POINT



Connector			Connecting to	
No.	Pole	Color	No.	Name
R1	10	★	B97	Bulkhead wiring harness
R2	12	Black	B98	
R3	20	★	B99	
R4	1	Black		Parking brake switch
R8	2	★		Seat belt switch
R9	1	Brown		Front door switch LH (Sedan and Wagon model)
	2	★		Front door switch LH (Coupe model)
R11	8	★	D21	Rear door adapter cord LH
R12	1	Brown		Front door switch RH (Sedan and Wagon model)
	2	★		Front door switch RH (Coupe model)
R14	8	★	D27	Rear door adapter cord RH
R15	6	Black	R57	Fuel tank cord
R16	1	Brown		Rear door switch RH
R22	1	Brown		Rear door switch LH
R46	4	★	R67	Fuel tank cord (1800 cc engine model)
R48	4	★	B123	Bulkhead wiring harness (Wagon model)
R49	12	Black	F55	Front wiring harness (With ABS model)
R52	2	★		Room light
R53	6	★	B45	Bulkhead wiring harness
R55	2	★		Sunroof control module and sunroof motor
R56	2	★		Spot light
R57	6	Black	R15	Rear wiring harness
R58	6	★		Fuel gauge module & fuel pump assembly
R59	2	★		Fuel gauge sub module
R67	4	★	R46	Rear wiring harness
R68	2	Black		Pressure control solenoid valve
R69	2	★		Vent control solenoid valve
R70	3	★		ABS G sensor
R71	4	Red		Rear accessory power supply relay
R72	2	Gray		Rear ABS sensor RH
R73	2	Gray		Rear ABS sensor LH

★: Non-colored

6. REAR WIRING HARNESS AND GROUND POINT

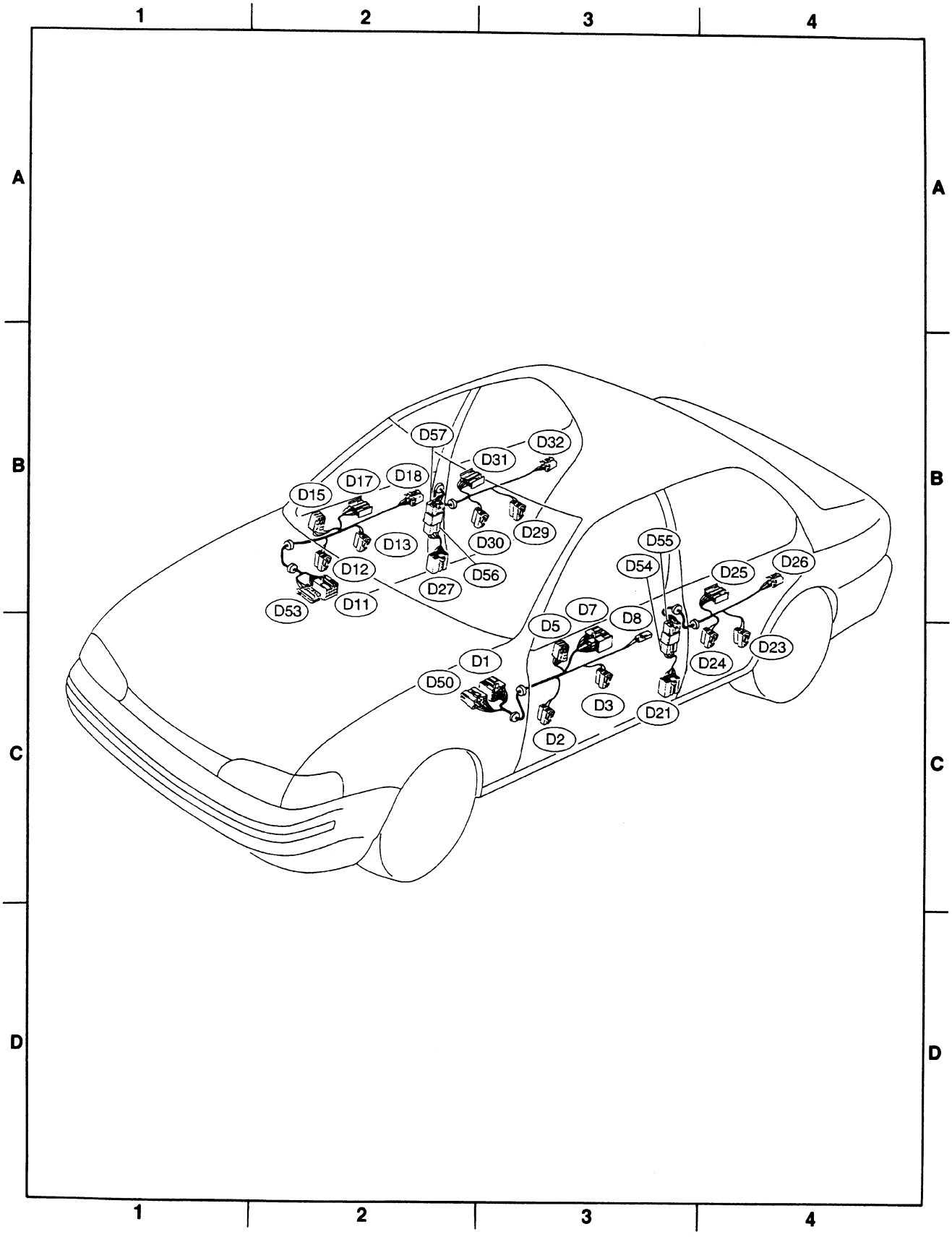


H6M0410

Connector			Connecting to	
No.	Pole	Color	No.	Name
D1	13	★	B30	Bulkhead wiring harness
D2	2	★		Front speaker LH
D3	2	Green		Front power window motor LH
D5	6	★		Remote control rearview mirror LH
D7	14	★		Power window main switch
D8	2	Gray		Front door lock switch LH
D11	13	★	B101	Bulkhead wiring harness
D12	2	★		Front speaker RH
D13	2	Green		Front power window motor RH
D15	6	★		Remote control rearview mirror RH
D17	5	★		Front power window sub switch RH
D18	4	★		Front door lock actuator RH
D21	8	★	R11	Rear wiring harness
D23	2	★		Rear door speaker LH
D24	2	Green		Rear power window motor LH
D25	5	★		Rear power window sub switch LH
D26	4	★		Rear door lock actuator LH
D27	8	★	R14	Rear wiring harness
D29	2	★		Rear door speaker RH
D30	2	Green		Rear power window motor RH
D31	5	★		Rear power window sub switch RH
D32	4	★		Rear door lock actuator RH
D50	9	★	B113	Bulkhead wiring harness
D53	3	★	B124	Bulkhead wiring harness
D54	8	★	D55	Rear door cord LH
D55	8	★	D54	Rear door adapter cord LH
D56	8	★	D57	Rear door cord RH
D57	8	★	D56	Rear door adapter cord RH

★: Non-colored

7. DOOR CORD

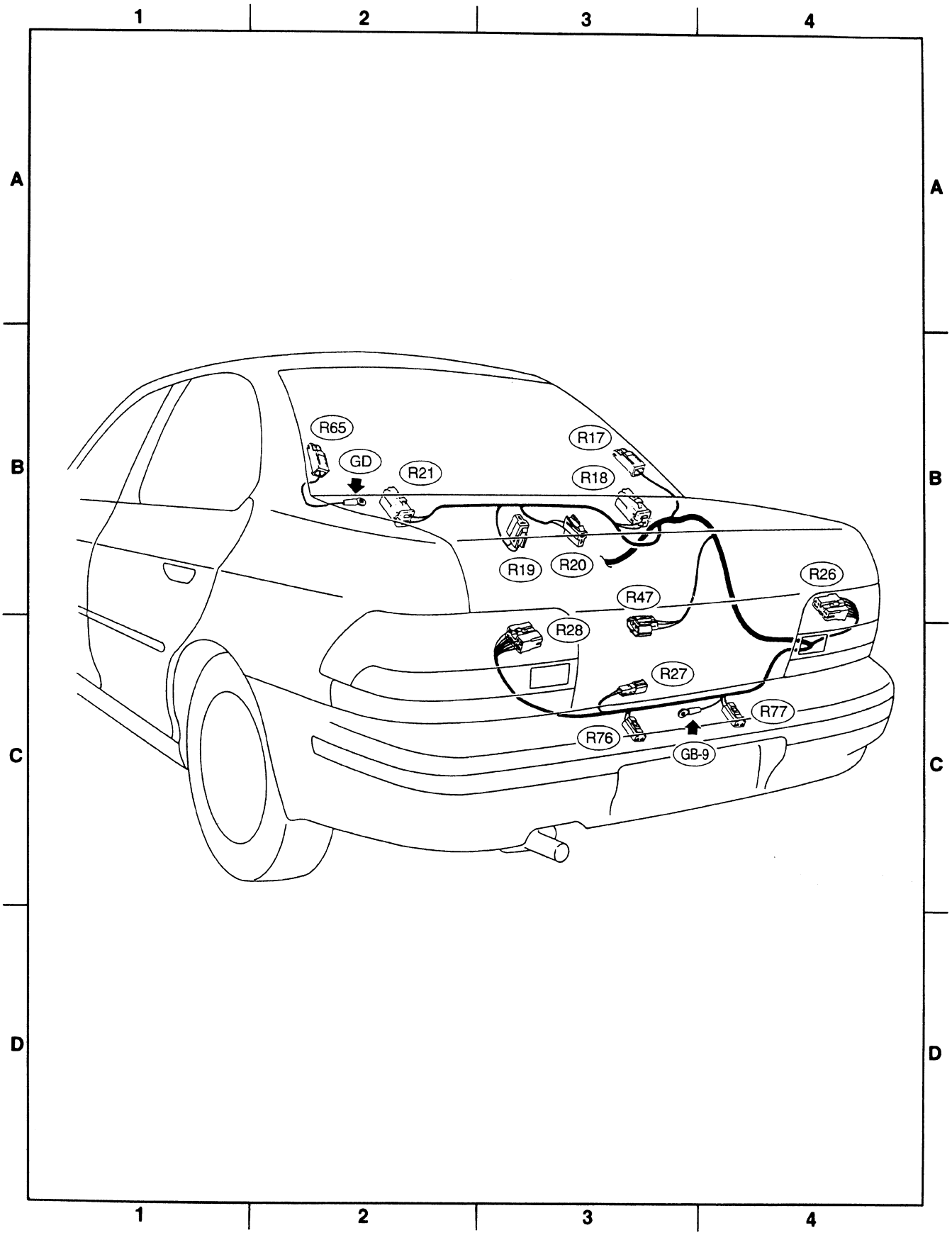


H6M0411

Connector			Connecting to	
No.	Pole	Color	No.	Name
R17	1	Black		Rear defogger (Power)
R18	2	Black		Rear speaker RH
R19	2	★		High-mount stop light
R20	2	Black		Trunk room light
R21	2	Black		Rear speaker LH
R26	7	★		Rear combination light RH
R27	2	★		Trunk room light switch
R28	7	★		Rear combination light LH
R47	3	Black		Fuel tank pressure sensor (1800 cc engine model)
R65	1	Black		Rear defogger (Ground)
R76	2	★		License plate light LH
R77	2	★		License plate light RH

★: Non-colored

8. REAR END WIRING HARNESS AND GROUND POINT OF SEDAN AND COUPE



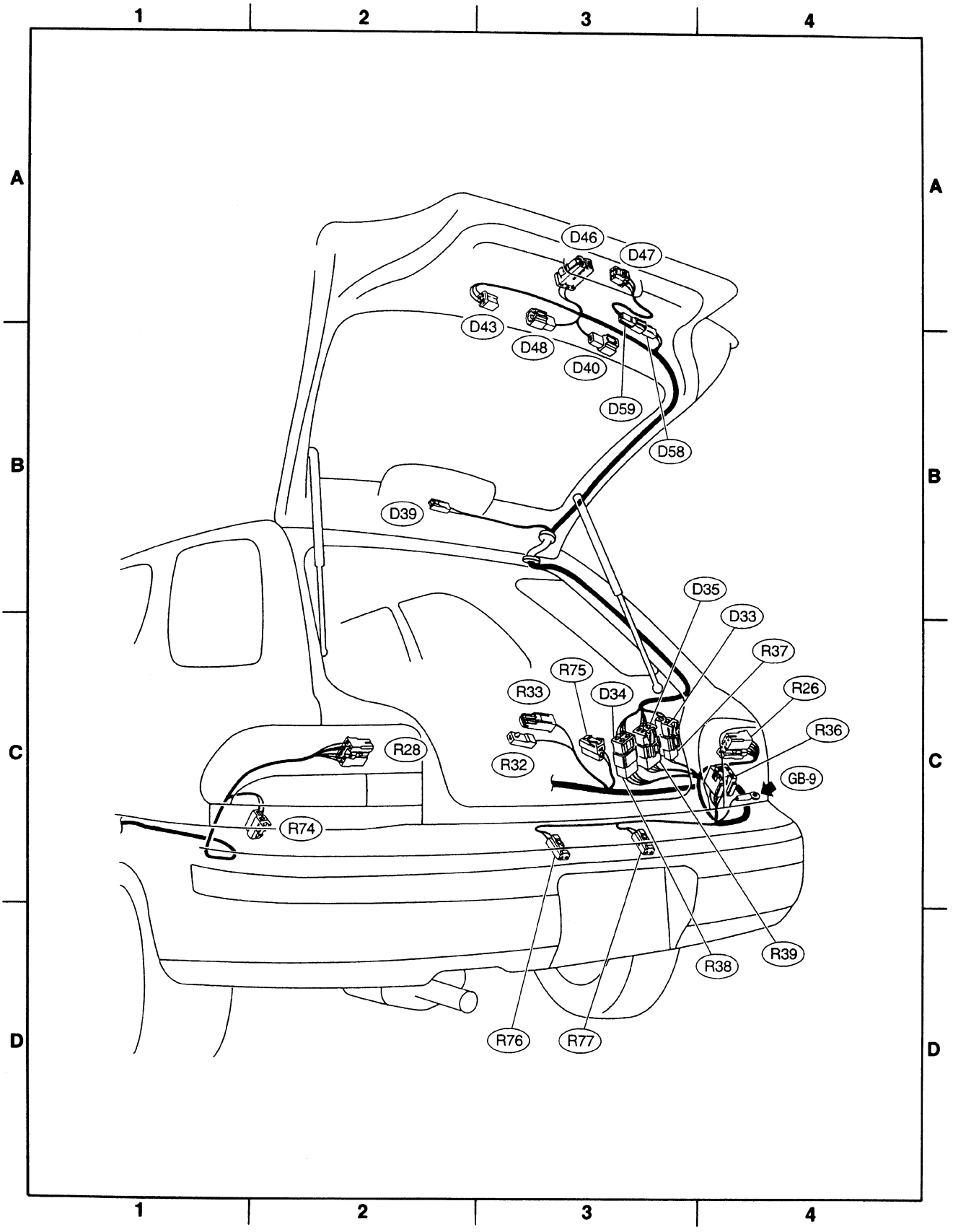
H6M0412

Connector			Connecting to	
No.	Pole	Color	No.	Name
R26	7	★		Rear combination light RH
R28	7	★		Rear combination light LH
R32	1	★		Rear accessory power supply (Power)
R33	1	Black		Rear accessory power supply (Ground)
R36	5	Black		Rear wiper relay
R37	2	★	D33	Rear gate cord
R38	4	★	D34	
R39	4	★	D35	
R74	2	Green		Rear washer motor
R75	2	★		Luggage room light
R76	2	★		License plate light LH
R77	2	★		License plate light RH

Connector			Connecting to	
No.	Pole	Color	No.	Name
D33	2	★	R37	Rear wiring harness
D34	4	★	R38	
D35	4	★	R39	
D39	2	★		High-mount stop light
D40	1	★		Rear defogger (Power)
D43	4	★		Rear wiper motor
D46	2	★		Rear gate latch switch
D47	4	★		Rear gate lock actuator
D48	1	★		Rear defogger (Ground)
D58	2	★	D59	Rear gate lock adapter cord
D59	2	★	D58	Rear gate cord

★: Non-colored

9. REAR END WIRING HARNESS AND GROUND POINT OF WAGON



H6M0413