

AUDIO SYSTEM

Wiring System

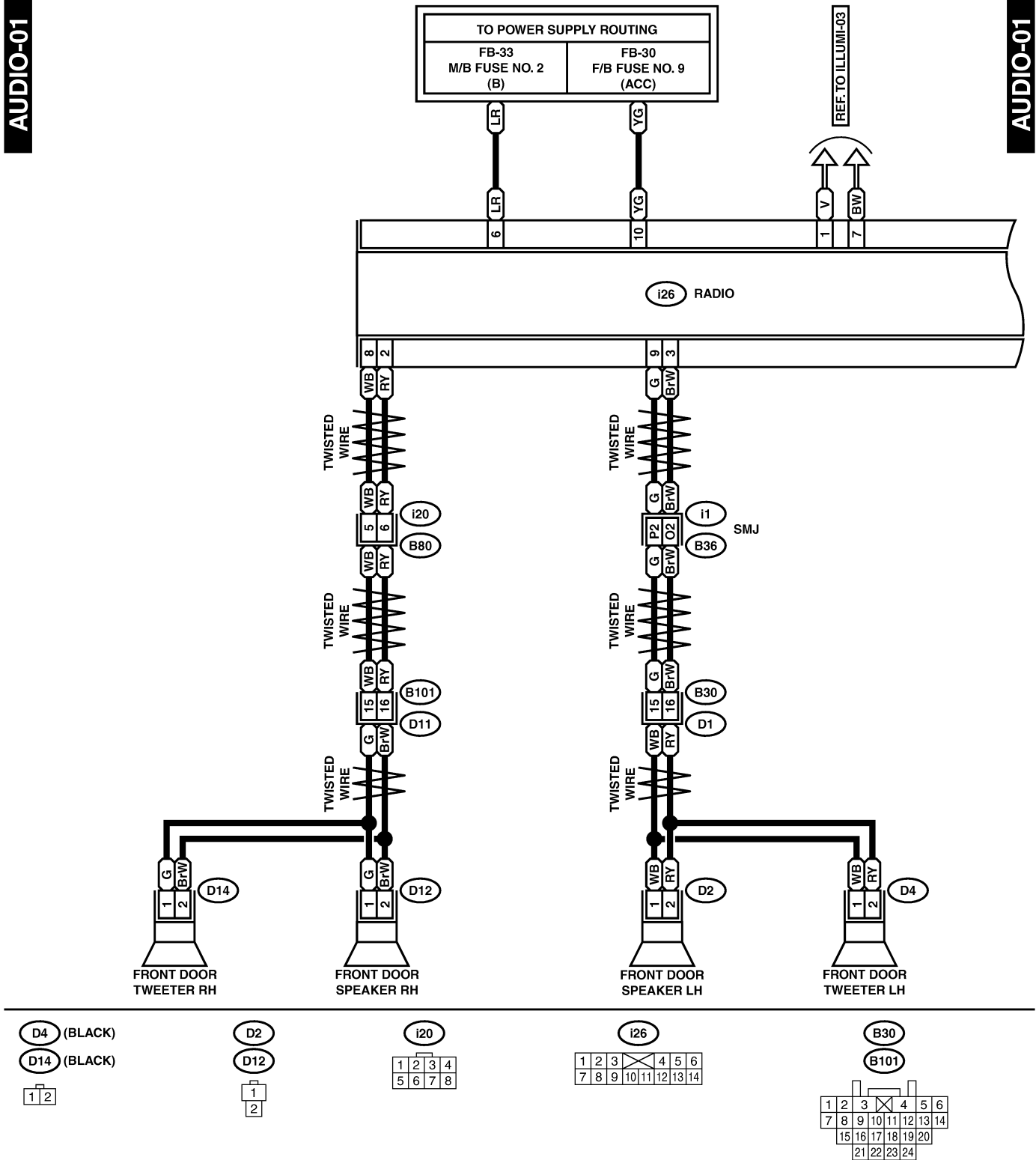
12. Audio System S903486

A: SCHEMATIC S903486A21

1. EXCEPT MCINTOSH AUDIO MODEL S903486A2103

AUDIO-01

AUDIO-01

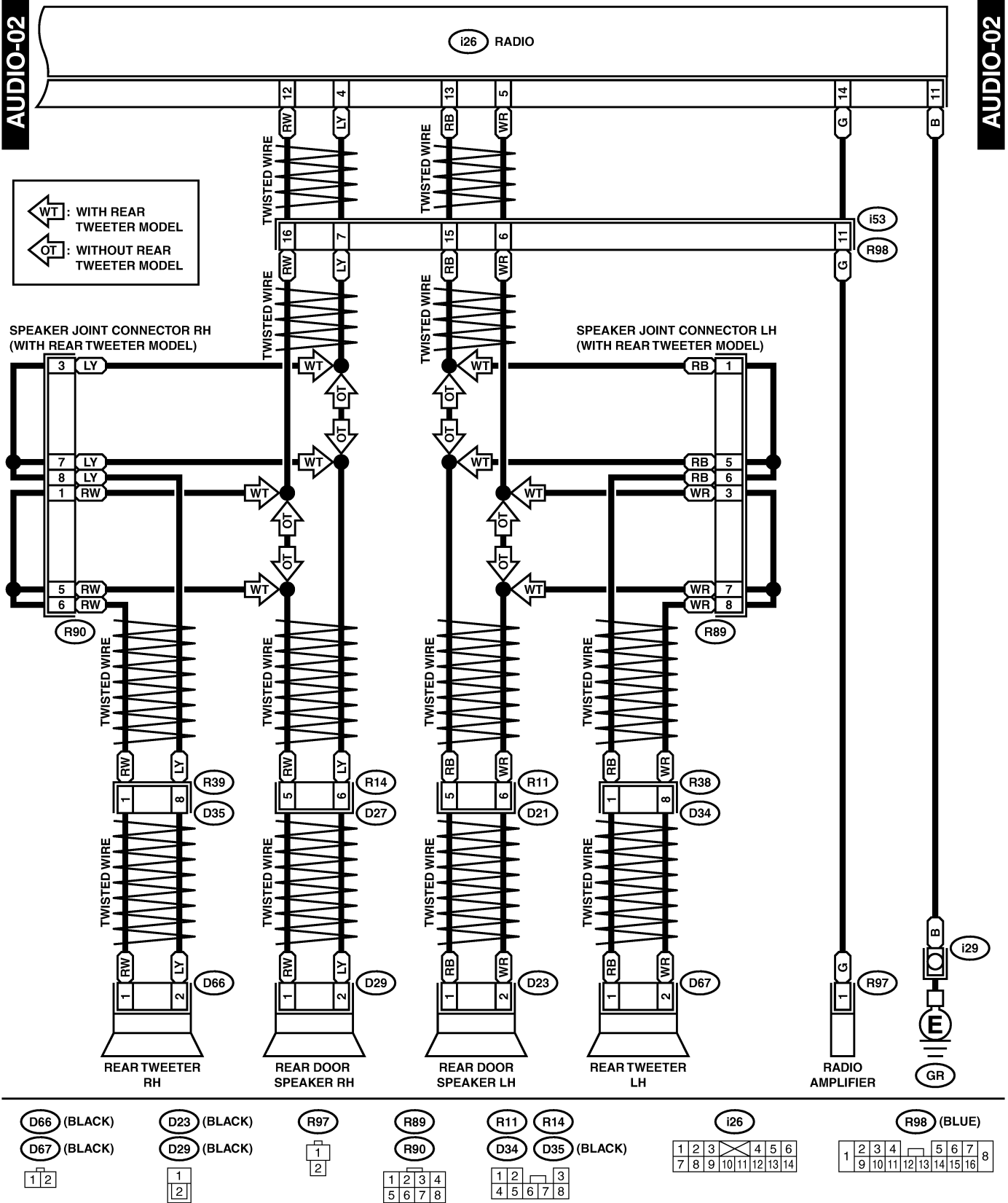


AUDIO SYSTEM

Wiring System

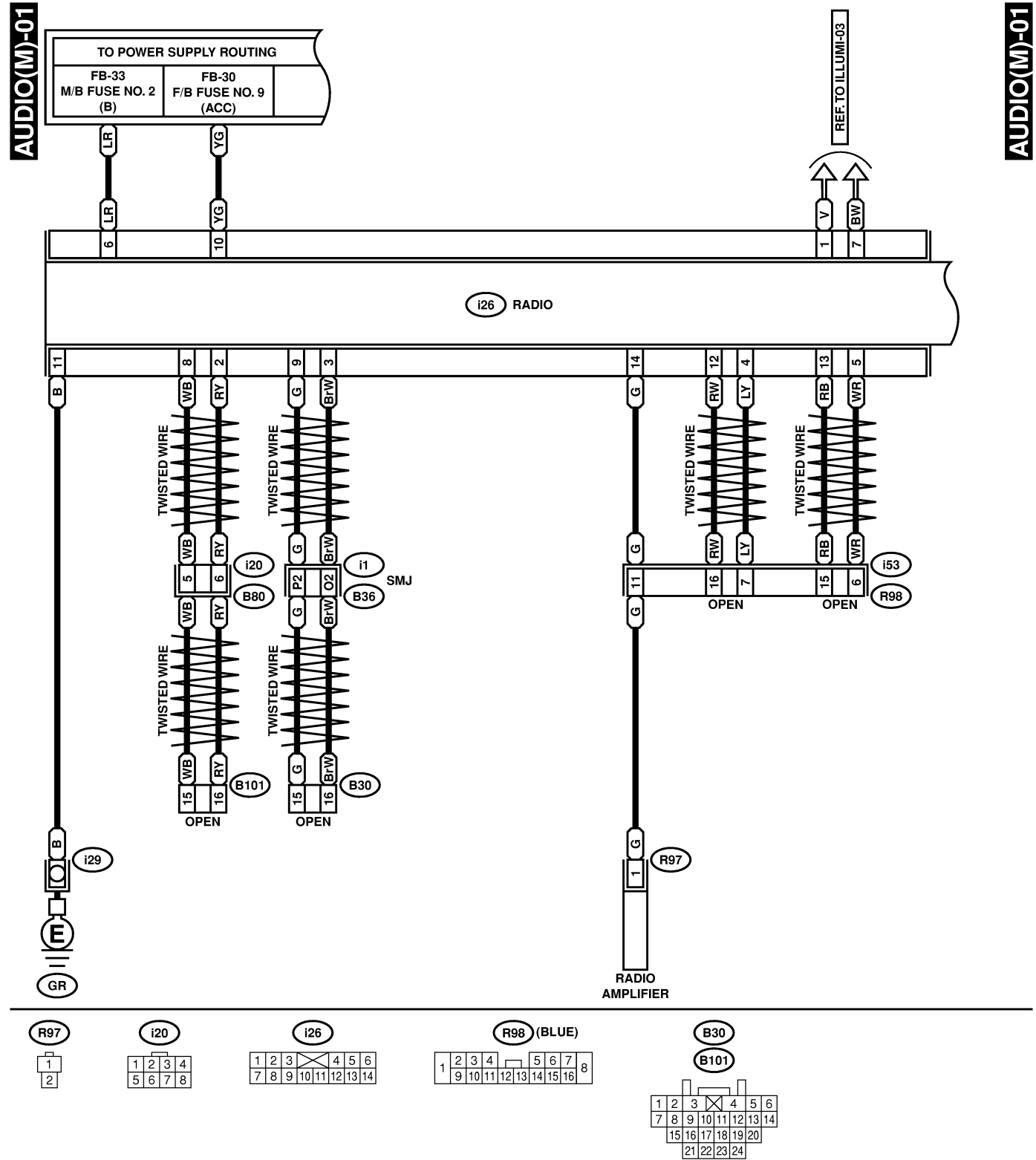
AUDIO-02

AUDIO-02



Wiring System

2. MCINTOSH AUDIO MODEL S903486A2104



Wiring System

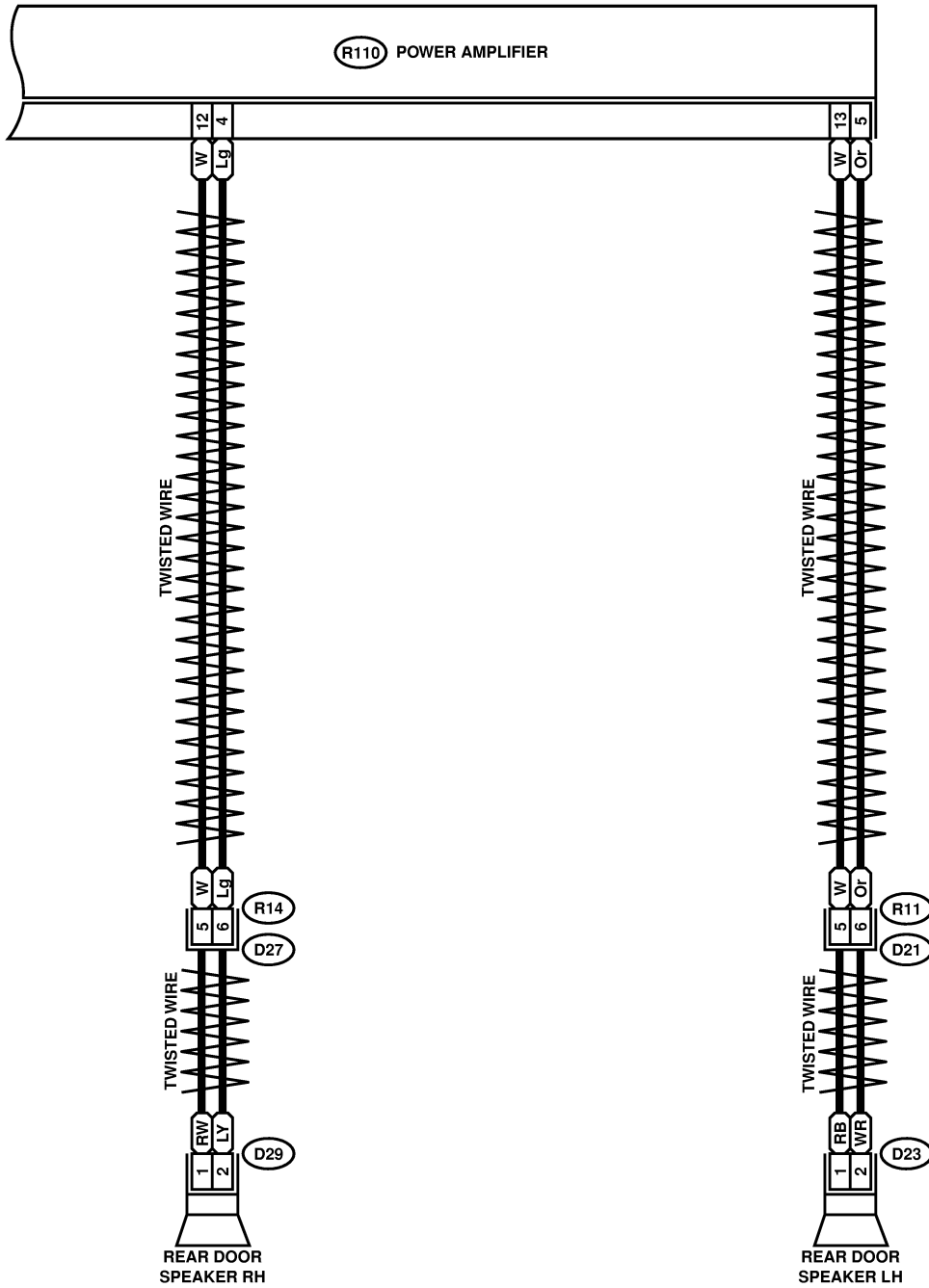


AUDIO SYSTEM

Wiring System

AUDIO(M)-03

AUDIO(M)-03



D23 (BLACK)

D29 (BLACK)

1
2

R11

R14

1	2		3
4	5	6	7

R110 (GREEN) : SD

(NON-COLORED) : WG

1	2	3	4	5	6
7	8	9	10	11	12
13	14				

SD : SEDAN
WG : WAGON

1. Basic Diagnostics Procedure

S903627

A: BASIC PROCEDURES

S903627E31

1. GENERAL

S903627E3101

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

2. IDENTIFICATION OF TROUBLE SYMPTOM

S903627E3102

Determine what the problem is based on the symptom.

3. PROBABLE CAUSE OF TROUBLE

S903627E3103

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

S903627E3104

- 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

S903627E3105

After repairing, ensure that the system operates properly.

B: BASIC INSPECTION

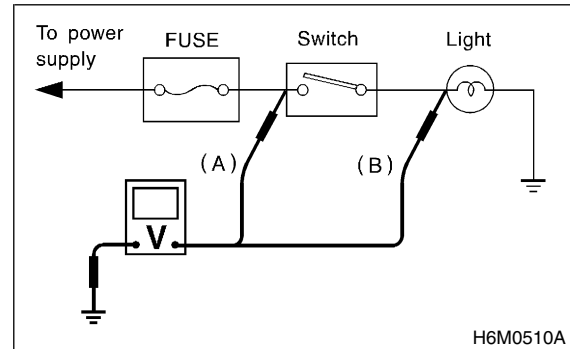
S903627G51

1. VOLTAGE MEASUREMENT

S903627G5101

- 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.

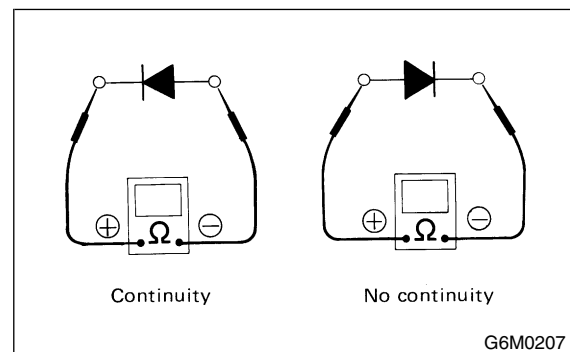


- 4) With test set-up held as it is, turn switch ON. The voltmeter will indicate a voltage and, at the same time, the light will come on.
- 5) The circuit is in good order. If a problem such as a lamp failing to light occurs, use the procedures outlined above to track down the malfunction.

2. CIRCUIT CONTINUITY CHECKS

S903627G5102

- 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.



BASIC DIAGNOSTICS PROCEDURE

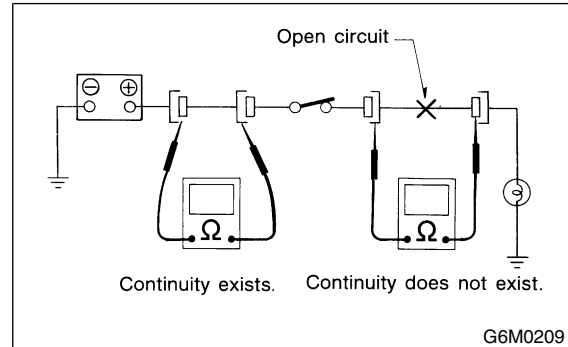
Wiring System

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	1	2	3	4	5	6
Switch Position						
OFF						
1	○—○				○—○	
2	○—○			○—○		○—○
3	○—○		○—○			○—○
4	○—○	○—○				○—○

B6M0749

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.



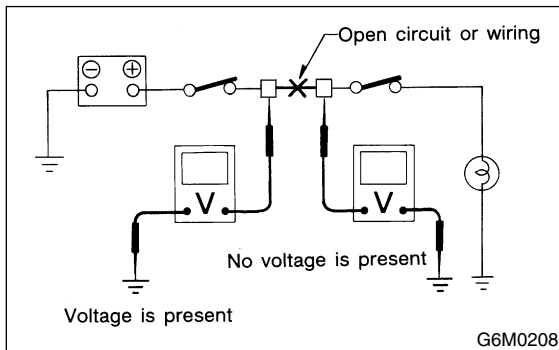
G6M0209

3. HOW TO DETERMINE AN OPEN CIRCUIT

S903627G5103

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.



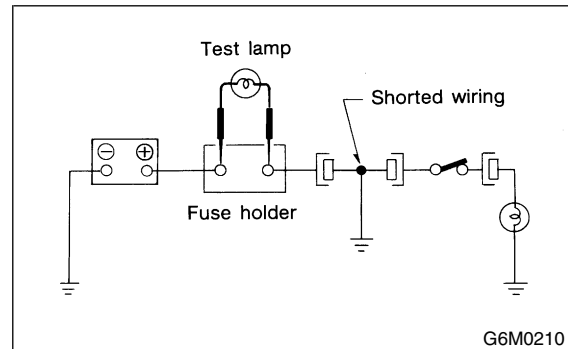
G6M0208

4. HOW TO DETERMINE A SHORT CIRCUIT

S903627G5104

1) Test lamp method:

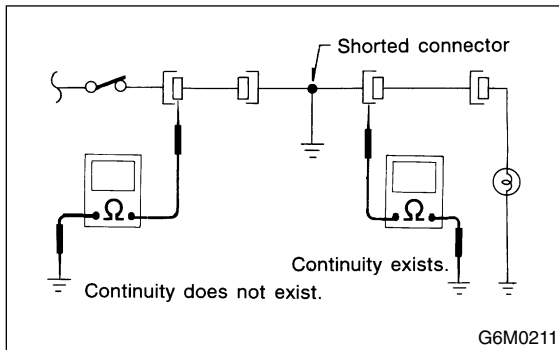
Connect a test lamp (rated at approximately 3 watts) in place of the blown fuse and allow current to flow through the circuit. Disconnect one connector at a time from the circuit, starting with the one located farthest from the power supply. If the test lamp goes out when a connector is disconnected,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



G6M0210

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.



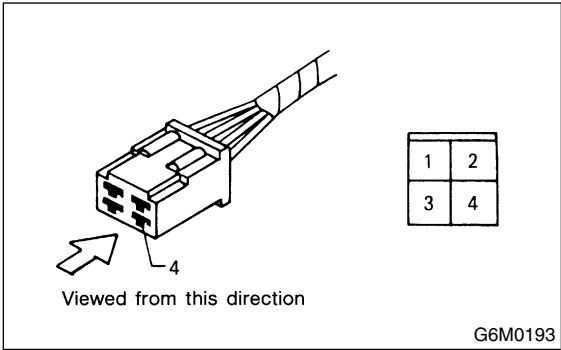
C: HOW TO READ WIRING DIAGRAMS S903627G52

1. WIRING DIAGRAM S903627G5201

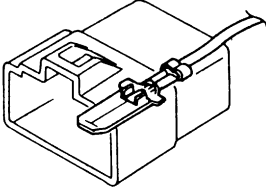
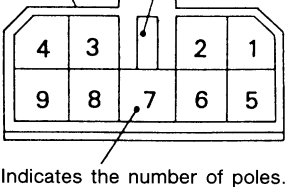
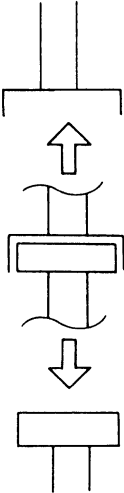
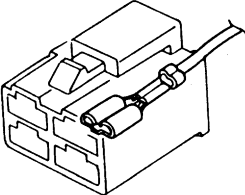
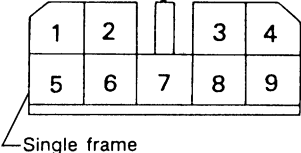
The wiring diagram of each system is illustrated so that you can understand the path through which the electric current flows from the battery.

Sketches and codes are used in the diagrams. They should read as follows:

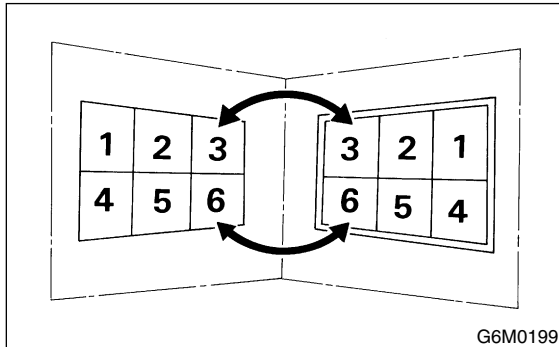
- Each connector and its terminal position are indicated by a sketch of the connector in a disconnected state which is viewed from the front.



- 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.

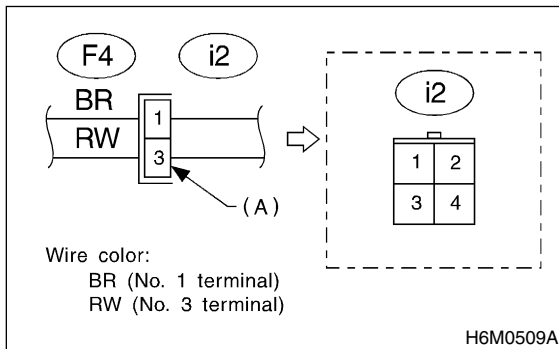
- When one set of connectors is viewed from the front side, the pole numbers of one connector are symmetrical to those of the other. When these two connectors are connected as a unit, the poles which have the same number are joined.



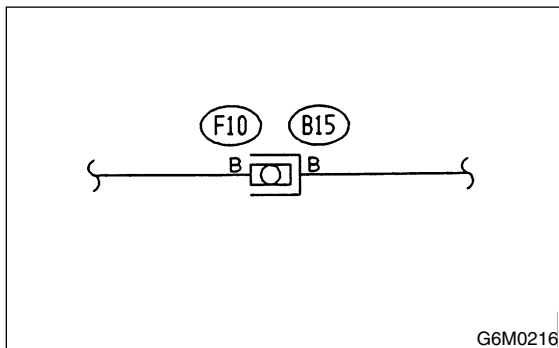
- Electrical wiring harness:**
The connectors are numbered along with the number of poles, external colors, and mating connections in the accompanying list.
- The sketch of each connector in the wiring diagram usually shows the (A) side of the connector. The relationship between the wire color, terminal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

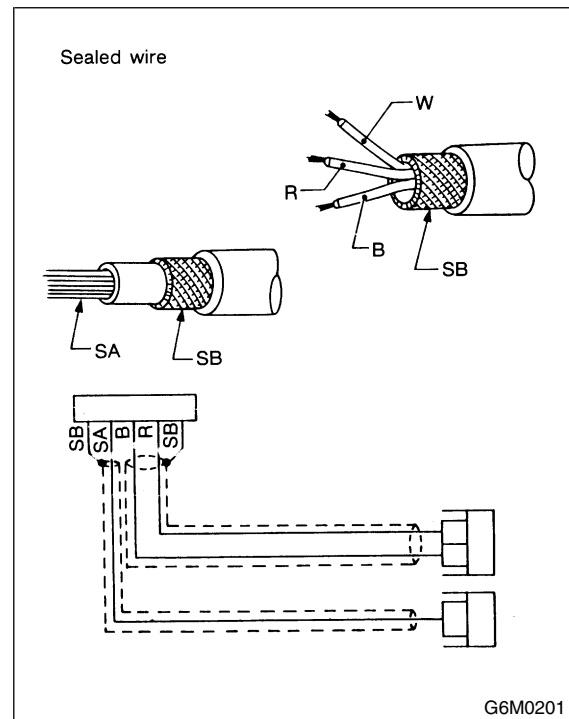


- In wiring diagram, connectors which have no terminal number refer to one-pole types. Sketches of these connectors are omitted intentionally.



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

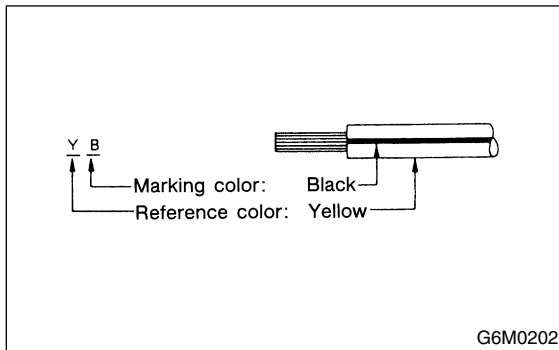
Color code	Color
L	Blue
B	Black
Y	Yellow
G	Green
R	Red
W	White
Br	Brown
Lg	Light green
Gr	Gray
P	Pink
Or	Orange
Lb	Light Blue
V	Violet
SA	Sealed (Inner)
SB	Sealed (Outer)



BASIC DIAGNOSTICS PROCEDURE

Wiring System

- 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:

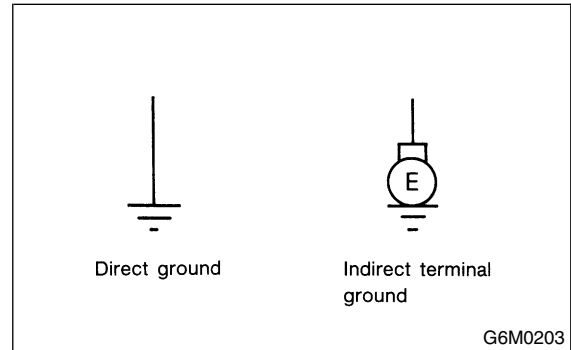
When replacing or repairing a wire, be sure to use the same size and type of the wire which was originally used.

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

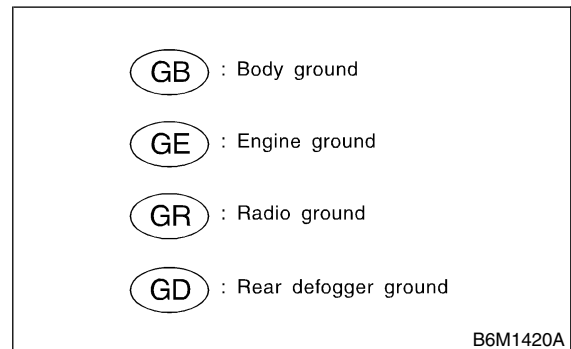
- Each unit is directly grounded to the body or indirectly grounds through a harness ground terminal. Different symbols are used in the wiring diagram to identify the two grounding systems.



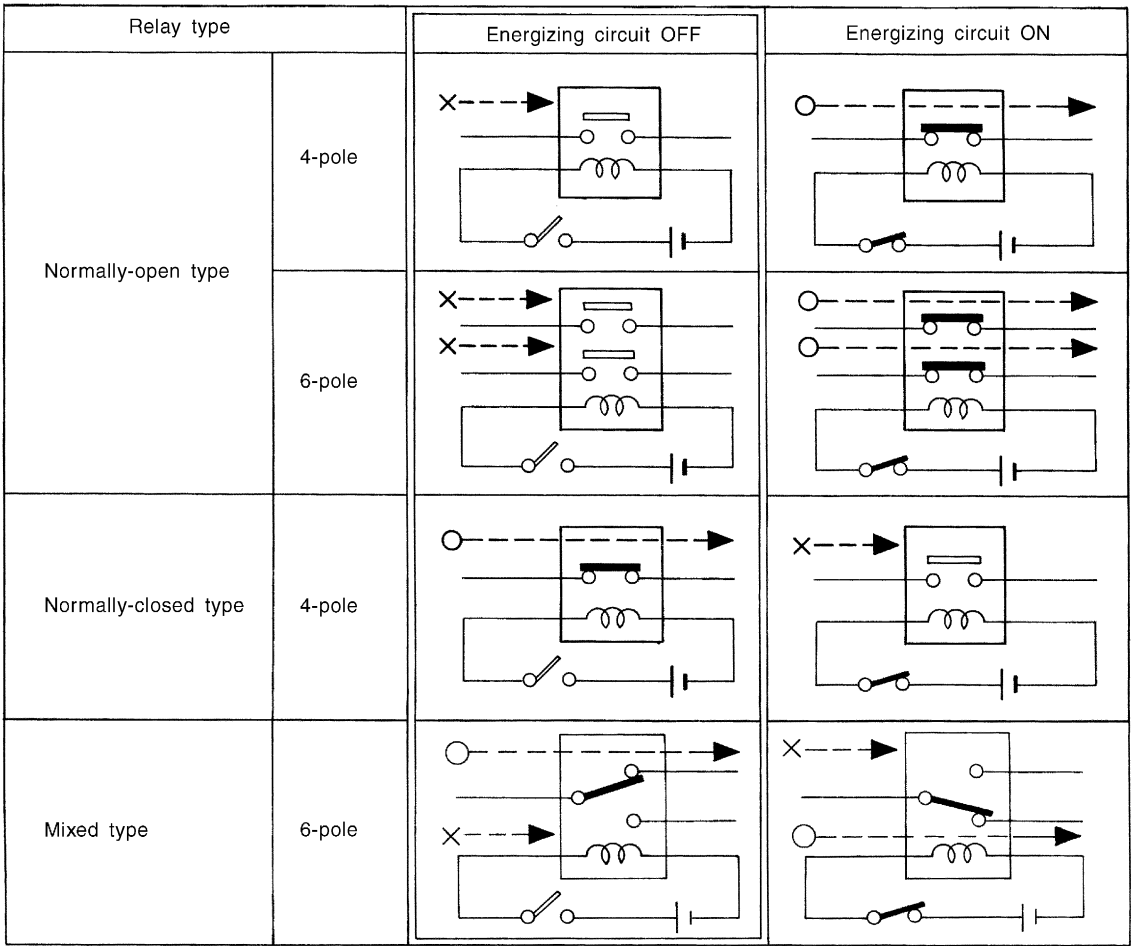
- The ground points shown in the wiring diagram refer to the following:

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:

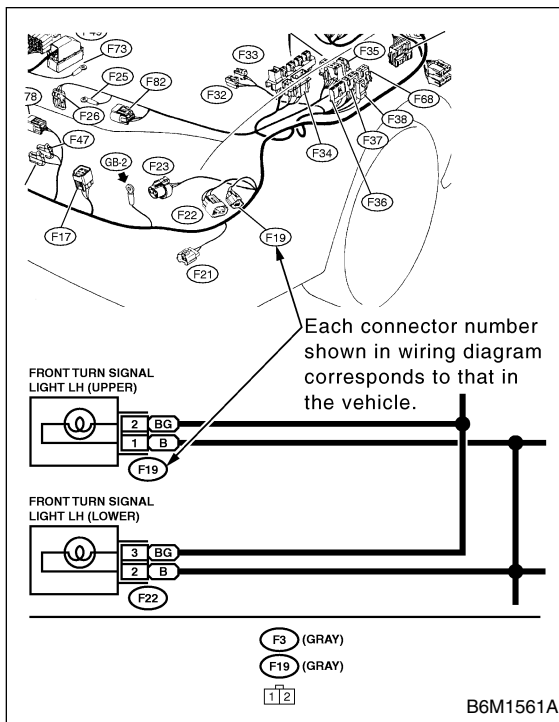
- —▶ : Current flows.
- × —▶ : Current does not flow.

BASIC DIAGNOSTICS PROCEDURE

Wiring System

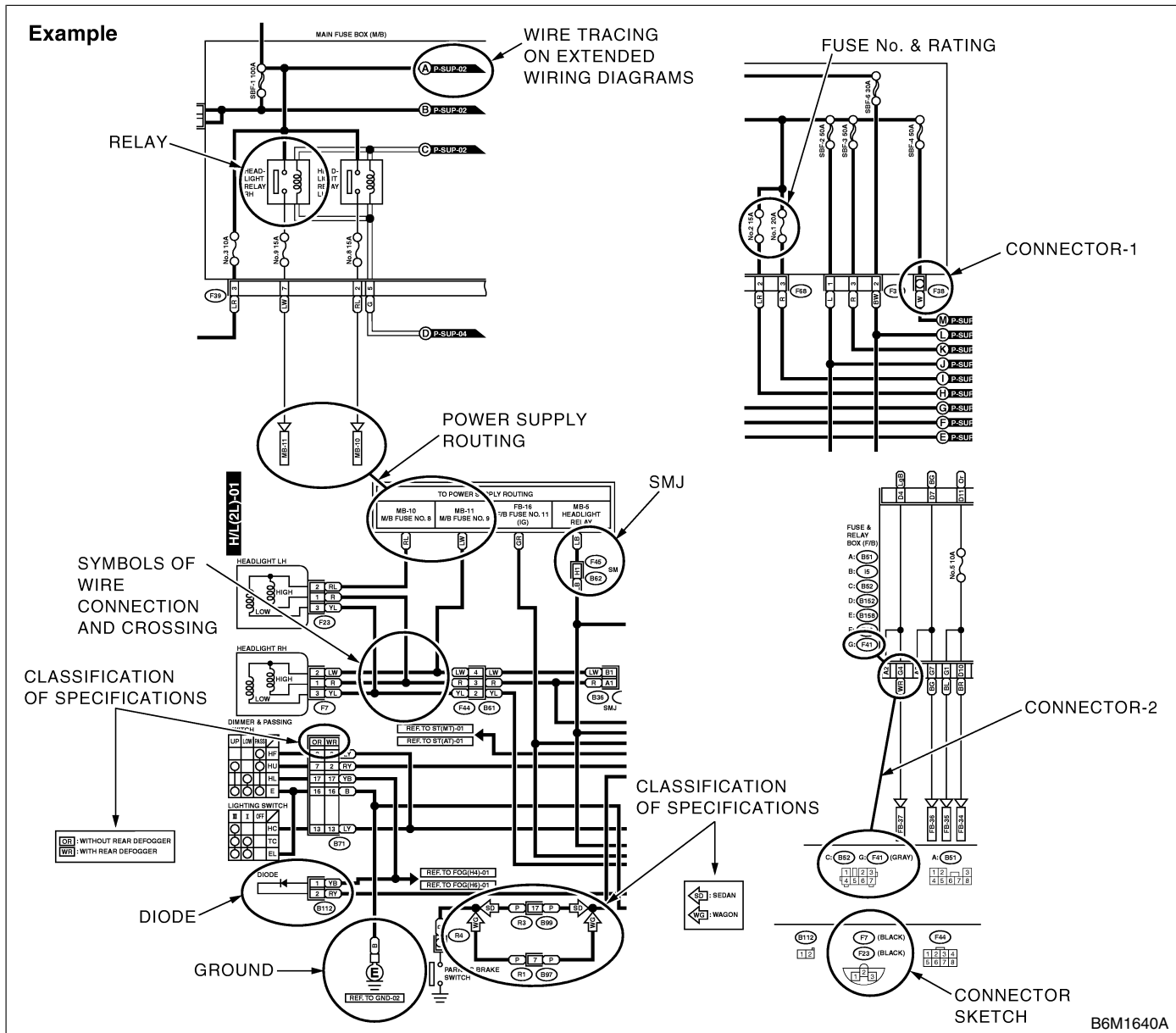
- Each connector number shown in the wiring diagram corresponds to that in the wiring harness. The location of each connector in the actual vehicle is determined by reading the first character of the connector (for example, a "F" for F8, "i" for i16, etc.) and the type of wiring harness. The first character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



D: SYMBOLS IN WIRING DIAGRAMS S903627G53

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



1. RELAY S903627G5301

A symbol used to indicate a relay.

2. CONNECTOR-1 S903627G5302

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

3. WIRING CONNECTION S903627G5303

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).

4. FUSE No. & RATING G903627G5304

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

5. CONNECTOR-2 S903627G5305

- 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.

BASIC DIAGNOSTICS PROCEDURE

Wiring System

6. CONNECTOR SKETCH S903627G5306

- 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.

7. GROUND S903627G5307

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

8. DIODE S903627G5308

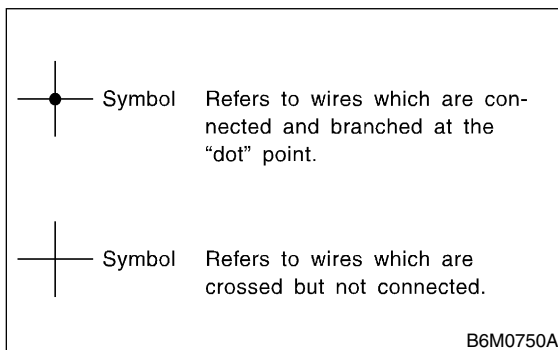
A symbol is used to indicate a diode.

9. WIRE TRACING ON EXTENDED WIRING DIAGRAMS S903627G5309

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 $\longleftrightarrow$ A, B $\longleftrightarrow$ B

10. SYMBOLS OF WIRE CONNECTION AND CROSSING S903627G5310



11. POWER SUPPLY ROUTING S903627G5311

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.

12. CLASSIFICATION BY SPECIFICATION S903627G5315

When wiring diagrams differ according to vehicle specifications, the specification difference is described by using abbreviations.

E: ABBREVIATION IN WIRING DIAGRAMS S903627G54

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

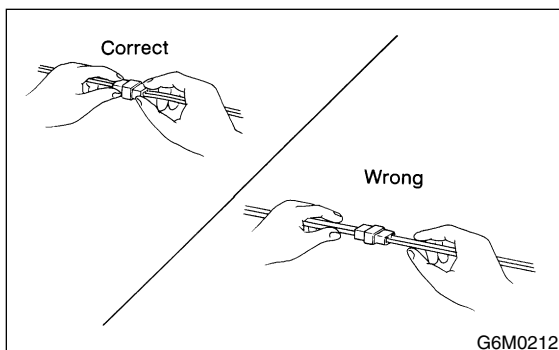
2. Working Precautions S903706

A: PRECAUTIONS WHEN WORKING WITH THE PARTS MOUNTED ON THE VEHICLE S903706G38

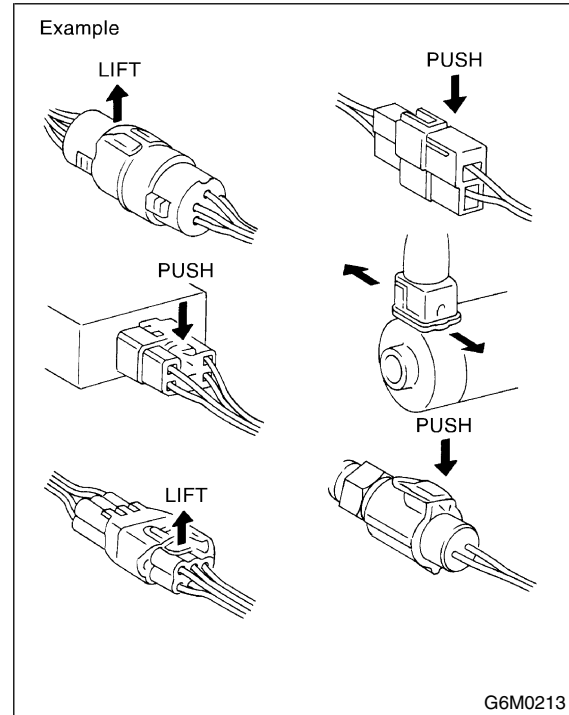
- 1) When working under a vehicle which is jacked-up, always be sure to use safety stands.
- 2) The parking brake must always be applied during working. Also, in automatic transmission vehicles, keep the select lever set to the P (Parking) range.
- 3) Be sure the workshop is properly ventilated when 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 S903706G39

- 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.

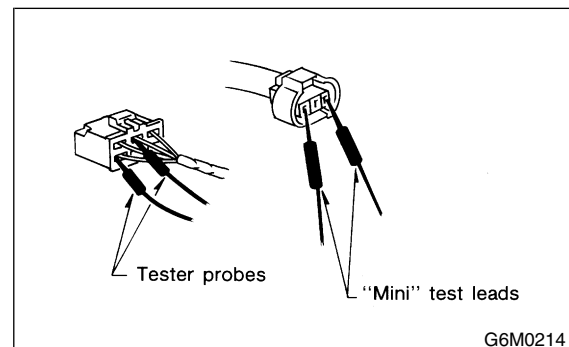


- 5) Some connectors are provided with a lock. One type of such a connector is disconnected by pushing the lock, and the other, by moving the lock up. In either type the lock shape must be identified before attempting to disconnect the connector. To connect, insert the connector until it snaps and confirm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

SUPER MULTIPLE JUNCTION (SMJ)

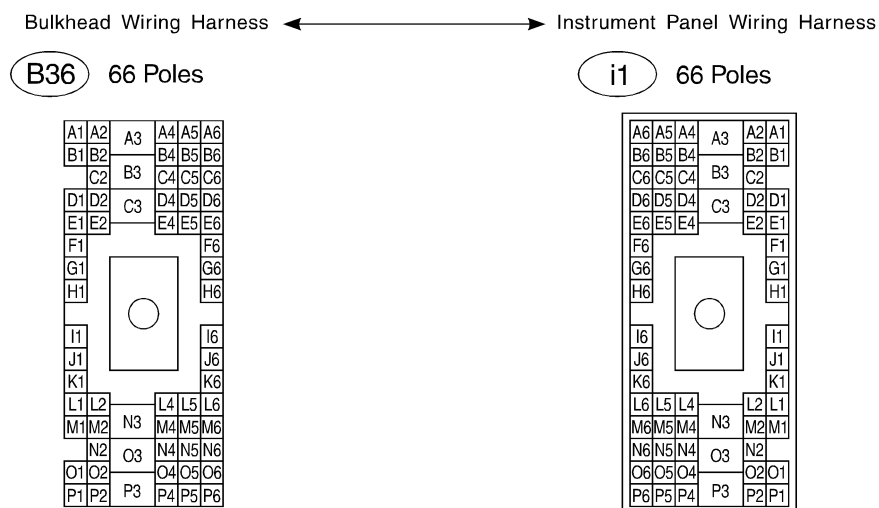
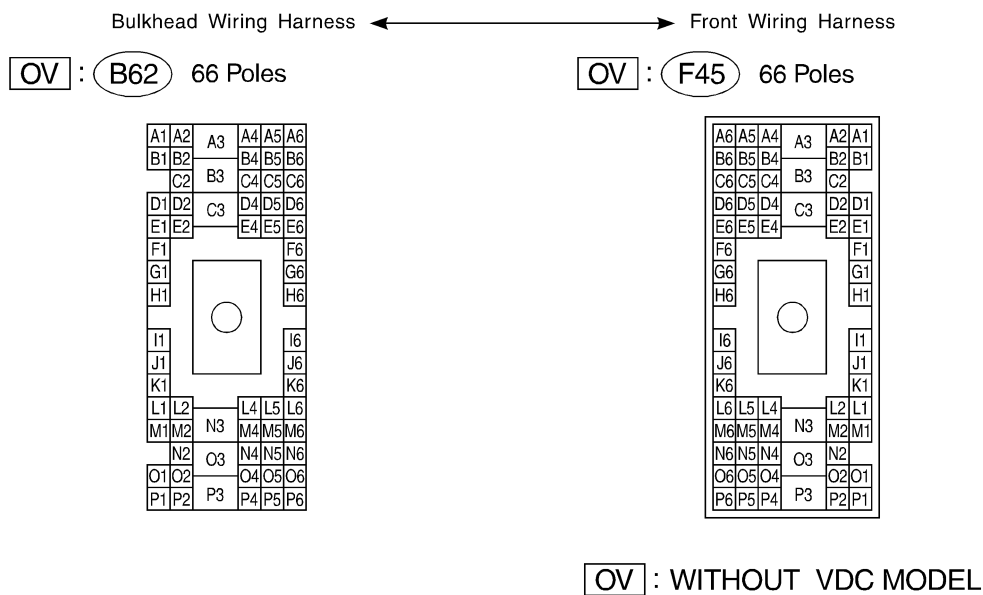
Wiring System

3. Super Multiple Junction (SMJ) S903464

A: HOW TO USE SUPER MULTIPLE JUNCTION (SMJ) S903464G40

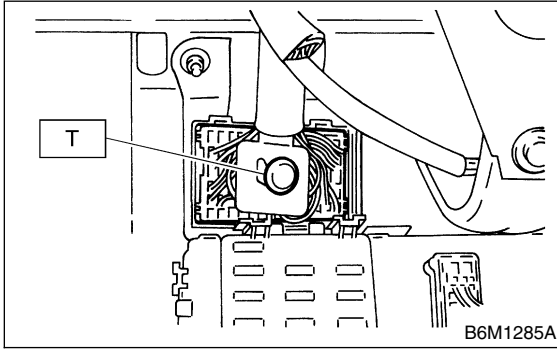
The “SMJ” indicated in wiring diagrams is shown in a simplified form.

B: TERMINAL ARRANGEMENT S903464G41



C: INSTALLATION

S903464A11



Tightening torque:

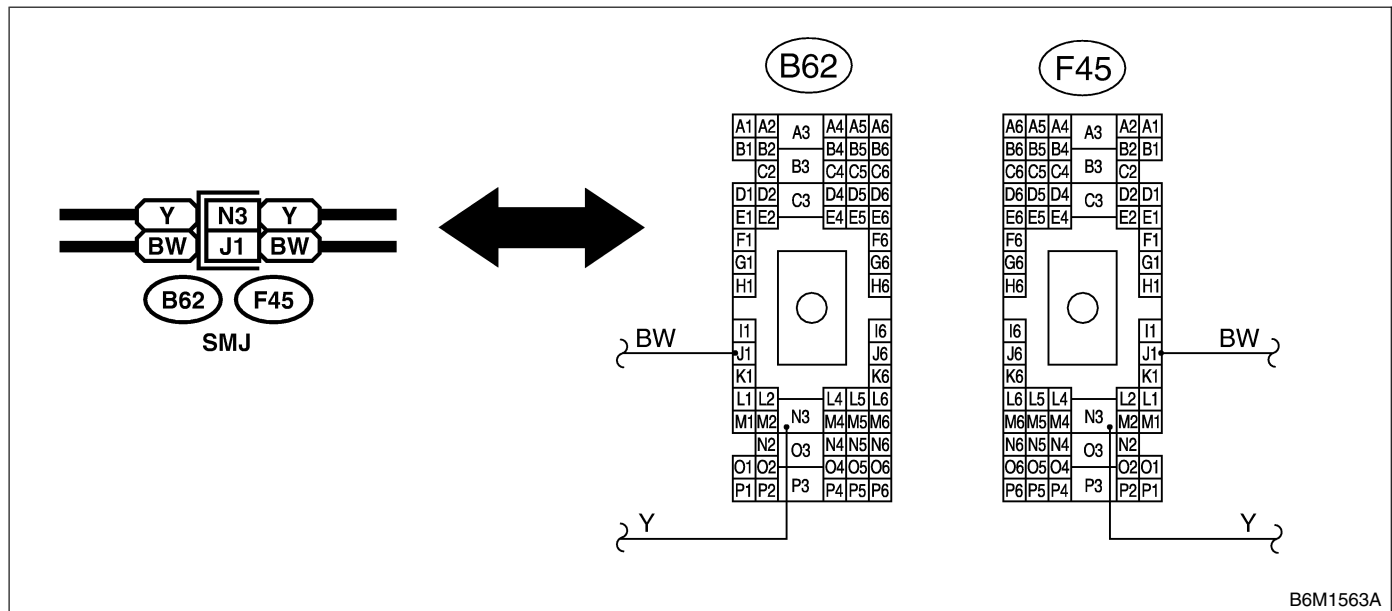
T: 4.4 N·m (0.45 kgf-m, 3.3 ft-lb)

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.

D: EXPLANATION OF SMJ SHOWN IN THE WIRING DIAGRAM

S903464G42



POWER SUPPLY ROUTING

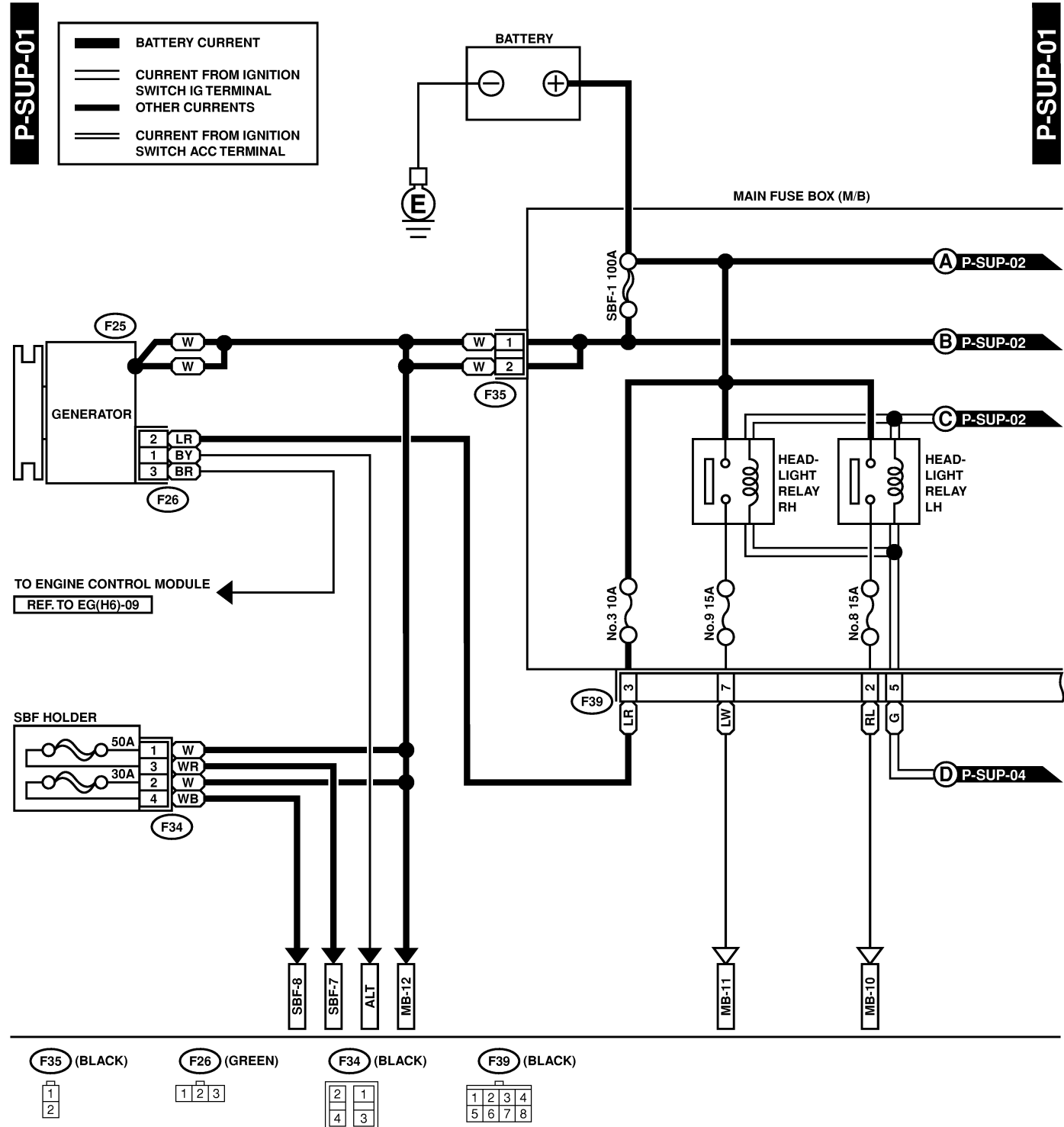
Wiring System

4. Power Supply Routing

S903465

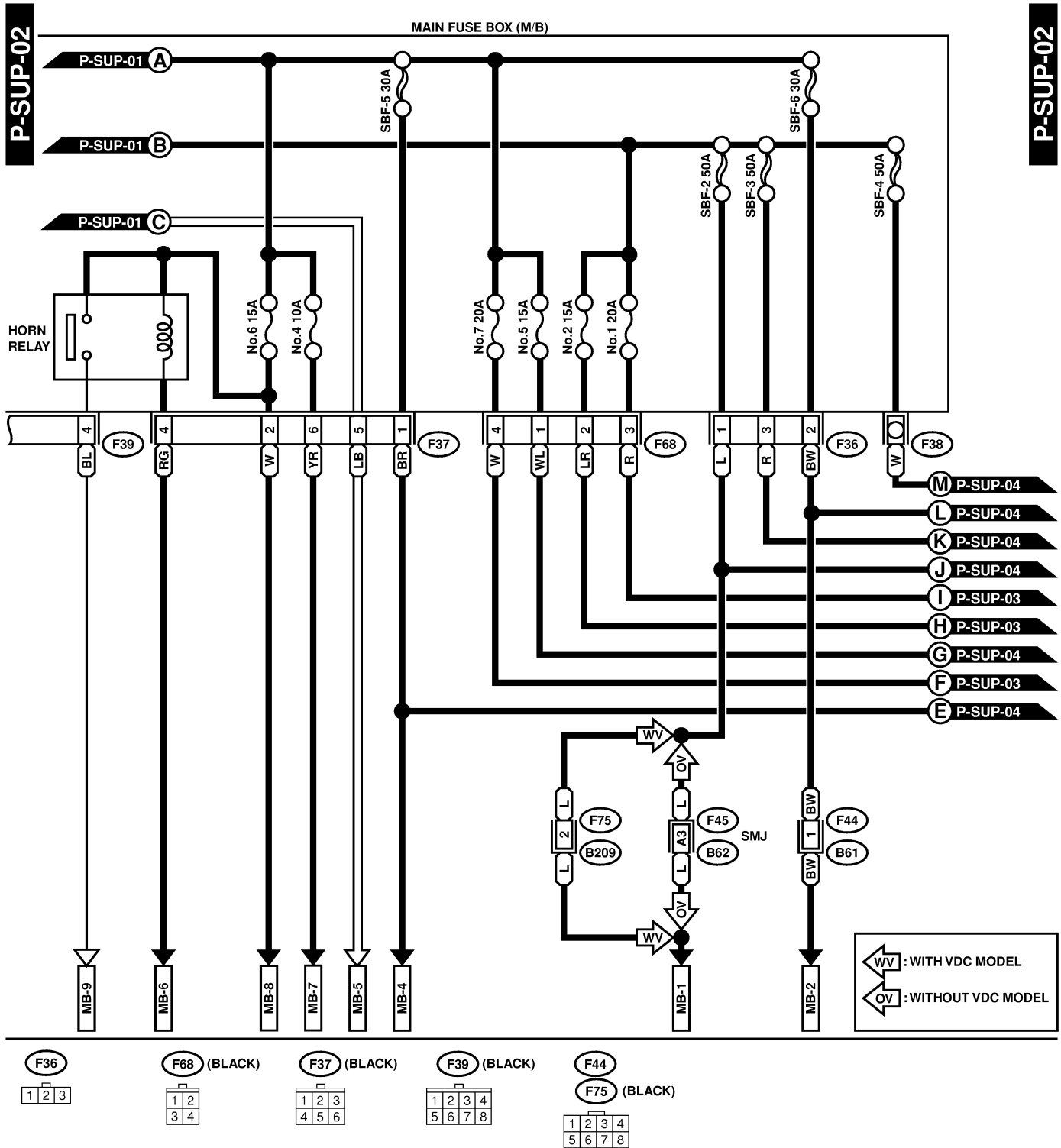
A: SCHEMATIC

S903465A21

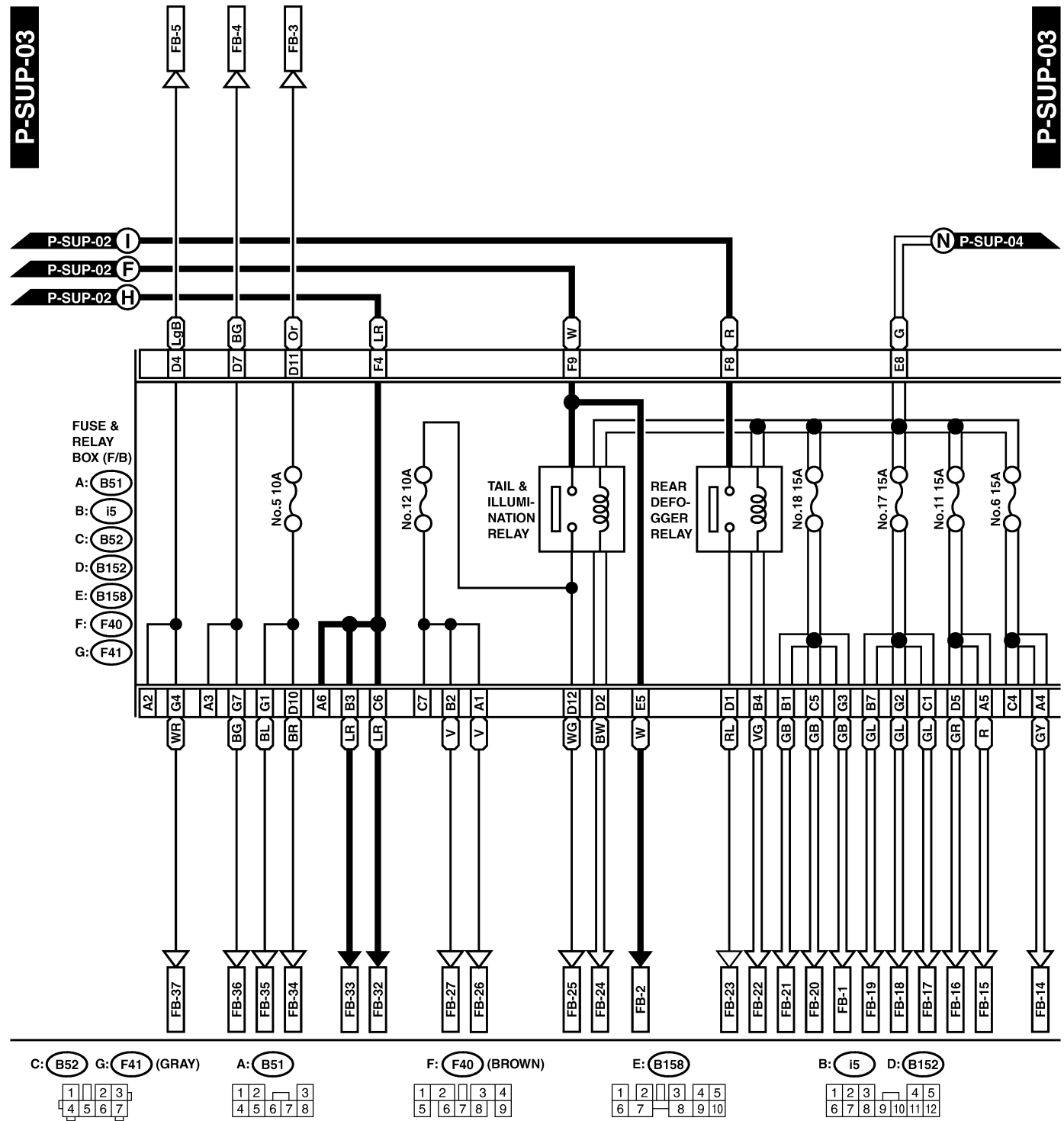


POWER SUPPLY ROUTING

Wiring System

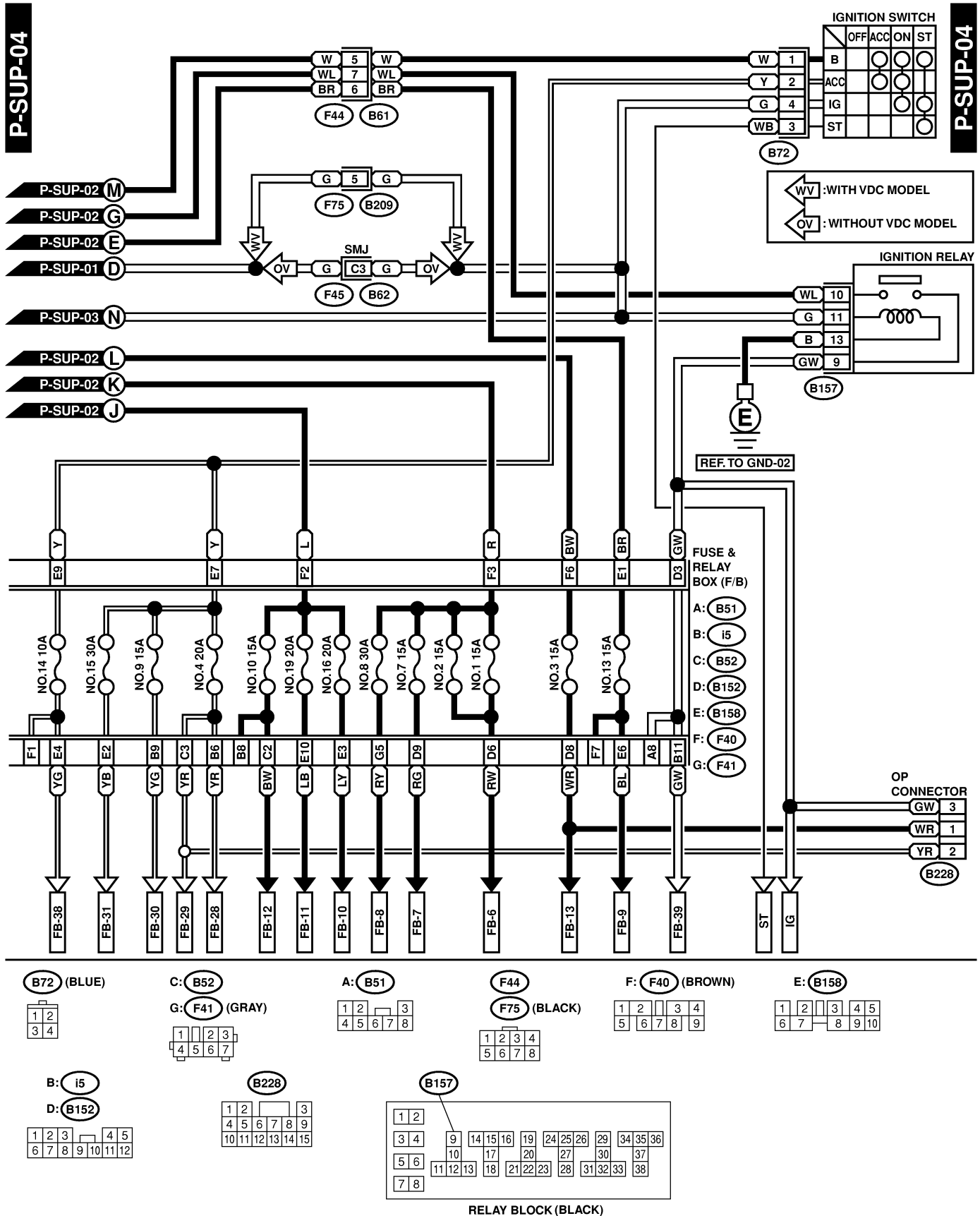


Wiring System



POWER SUPPLY ROUTING

Wiring System



BU01-22D

POWER SUPPLY ROUTING

Wiring System

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 Headlight RH
MB-12	A/C relay holder (Fuse)
SBF-7	ABS control module Relay box (VDC)
SBF-8	Fuse (Mcintosh audio)
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 Inhibitor switch (AT) Interrupt relay Starter interlock relay (MT)
FB-1	ABS control module Main fan relay (4-cylinder engine model) Main fan relay-1 (6-cylinder engine model) Main fan relay-2 (6-cylinder engine model) VDC control module
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 Relay box (VDC)

No.	Load
FB-9	Fuel pump relay
FB-10	Stop light switch
FB-11	Wiper deicer relay
FB-12	Trailer connector
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 Daytime running light relay (4-light model) Engine control module Fuel pump relay Ignition coil and ignitor (4-cylinder engine model) Ignition coil No. 1 — 6 (6-cylinder engine model) Transmission control module
FB-17	A/C pressure switch Blower motor relay Fan relay (6-cylinder engine model)
FB-18	A/C relay Sub fan relay (4-cylinder engine model) Sub fan relay-1 (6-cylinder engine model) Sub fan relay-2 (6-cylinder engine model)
FB-19	Auto A/C control module 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	Auto A/C control module Front accessory power supply socket Multiple power socket relay (Option)
FB-29	AT shift lock control module Mirror heater LH Mirror heater RH Remote control rearview mirror switch Seat heater/rear accessory power supply relay Vanity mirror illumination light

POWER SUPPLY ROUTING

Wiring System

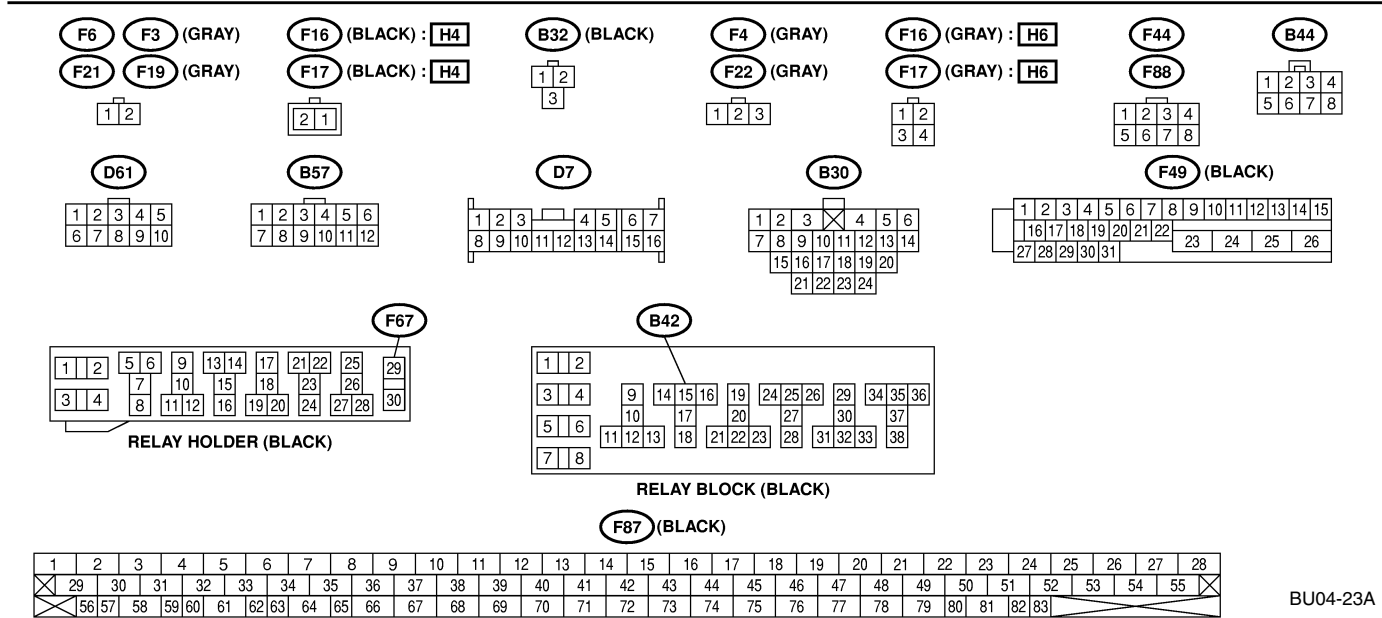
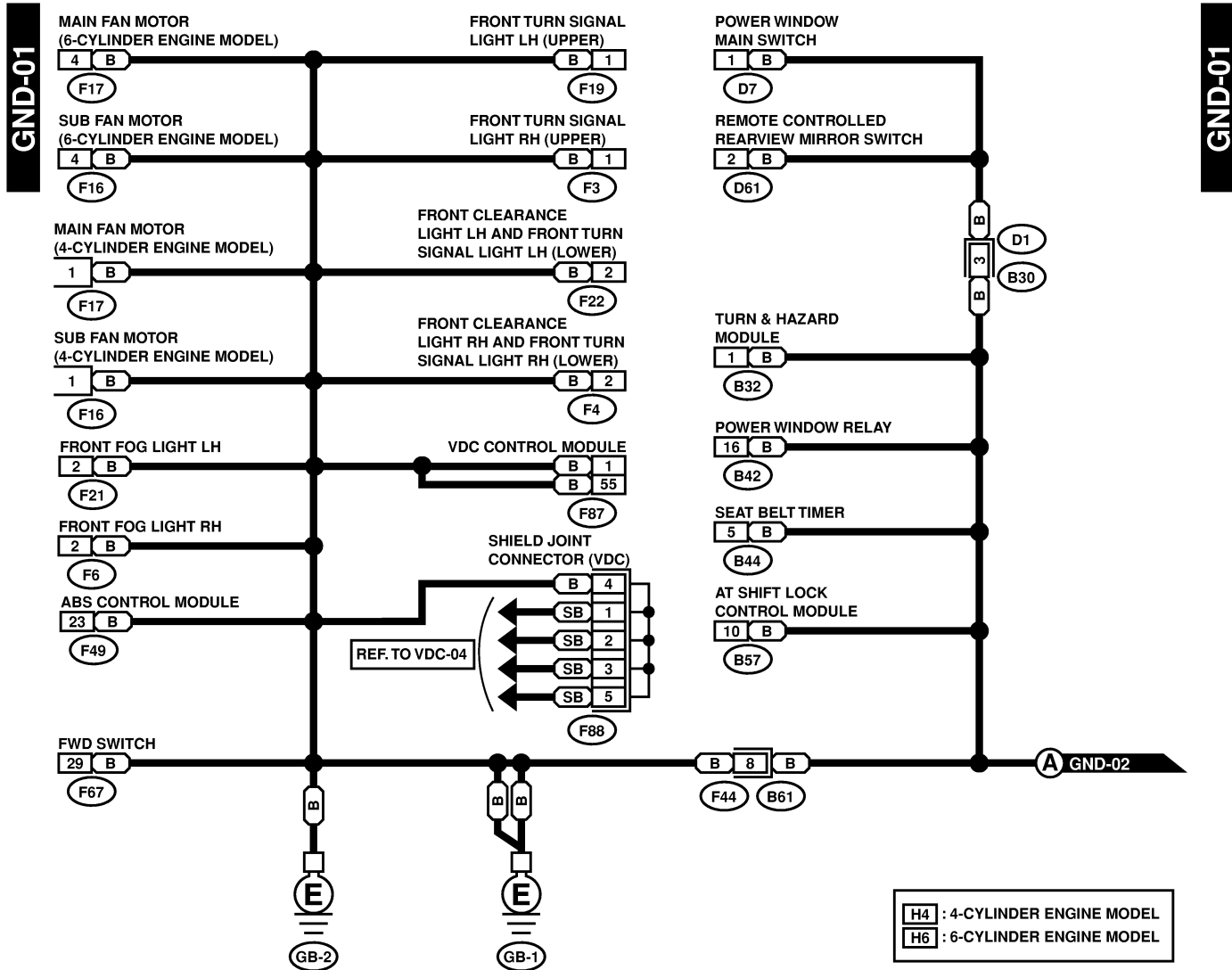
No.	Load
FB-30	Radio
FB-31	Front washer motor Front wiper motor Front wiper & washer switch
FB-32	Luggage room light Room light Security control module Security horn relay Spot light Step light Trunk room light
FB-33	Auto A/C control module Combination meter Radio
FB-34	License plate light LH License 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 intermittent module Rear wiper motor
FB-39	Combination meter Hazard switch

GROUND DISTRIBUTION

Wiring System

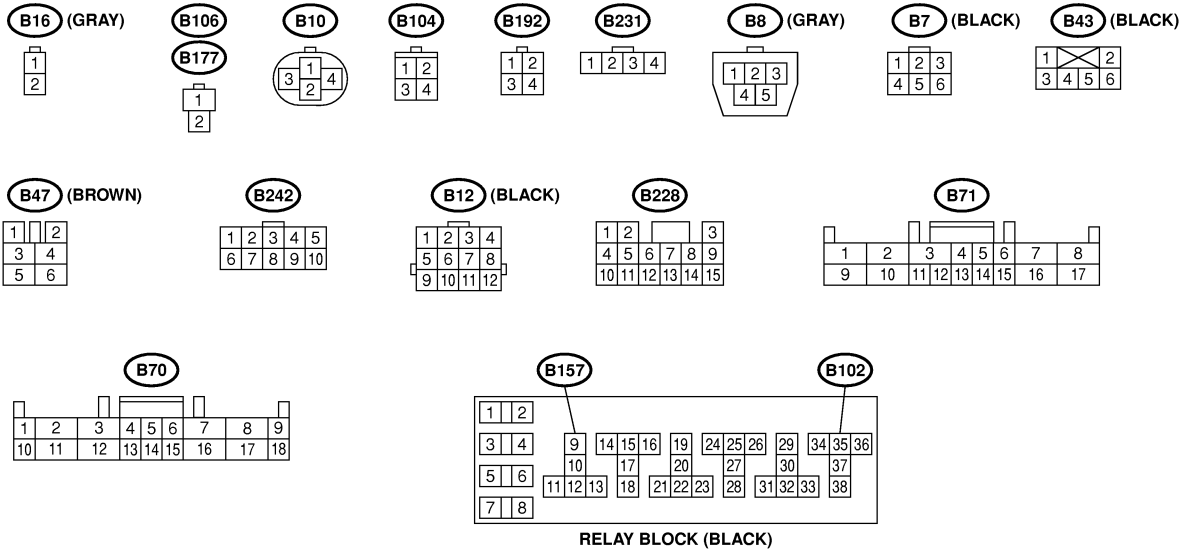
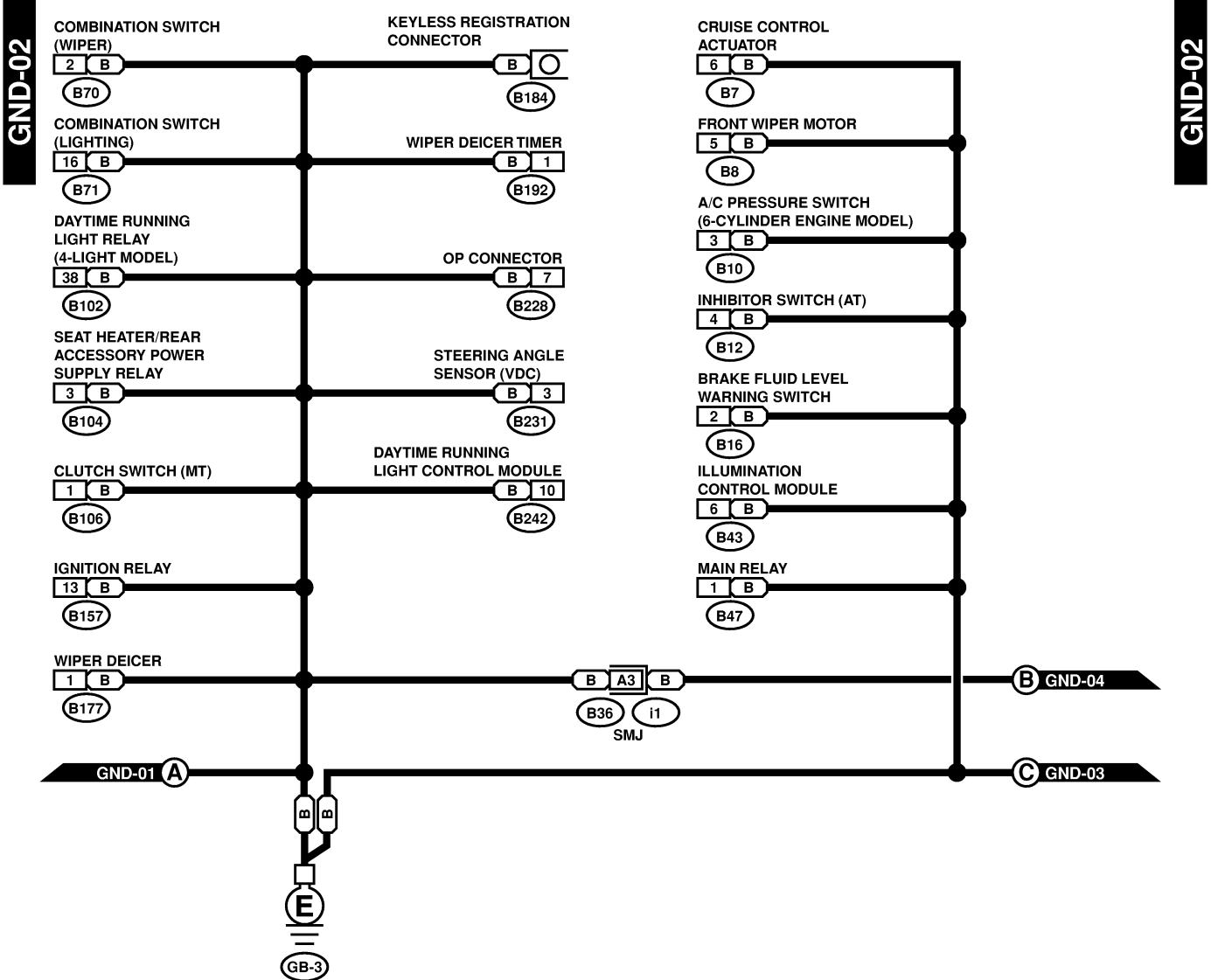
5. Ground Distribution S903472

A: SCHEMATIC S903472A21



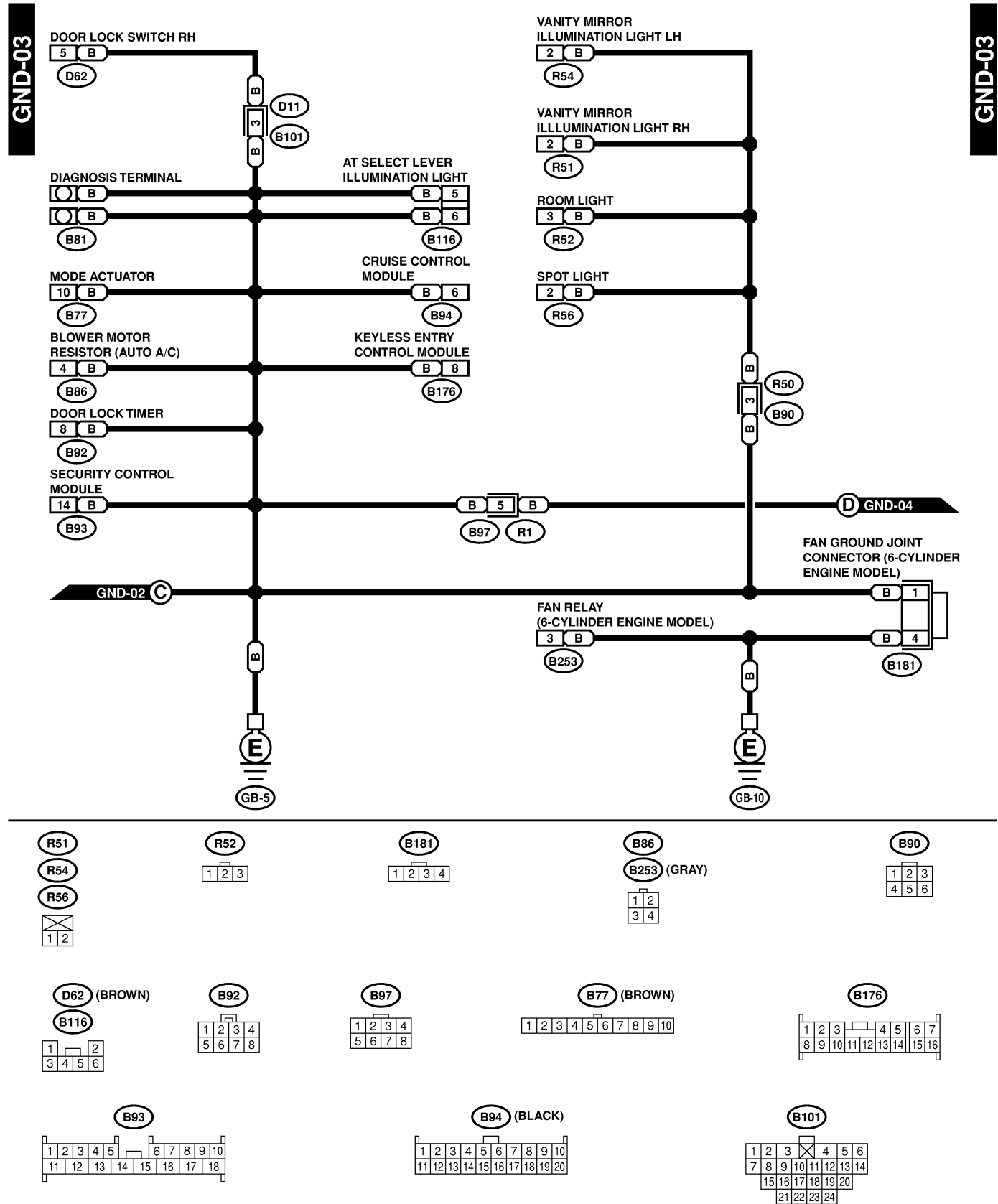
GROUND DISTRIBUTION

Wiring System



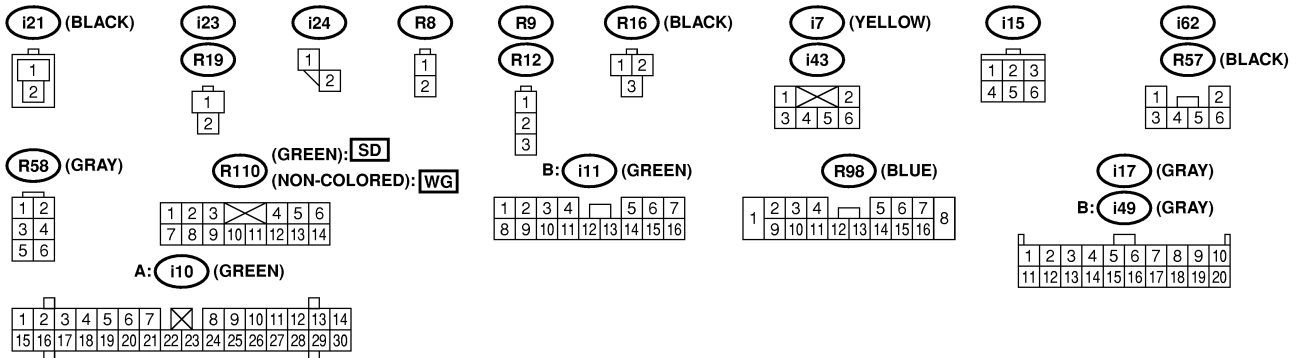
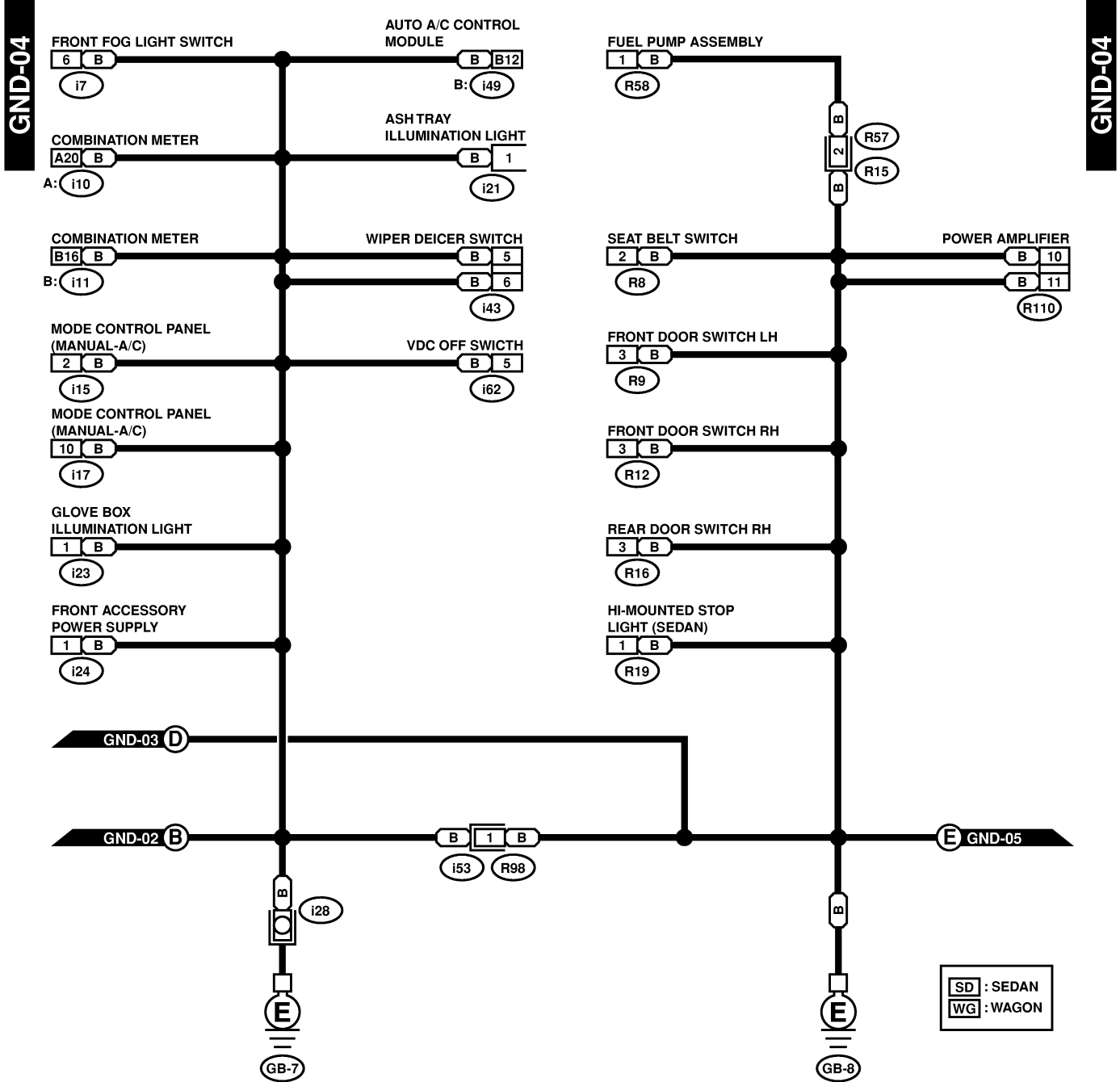
GROUND DISTRIBUTION

Wiring System



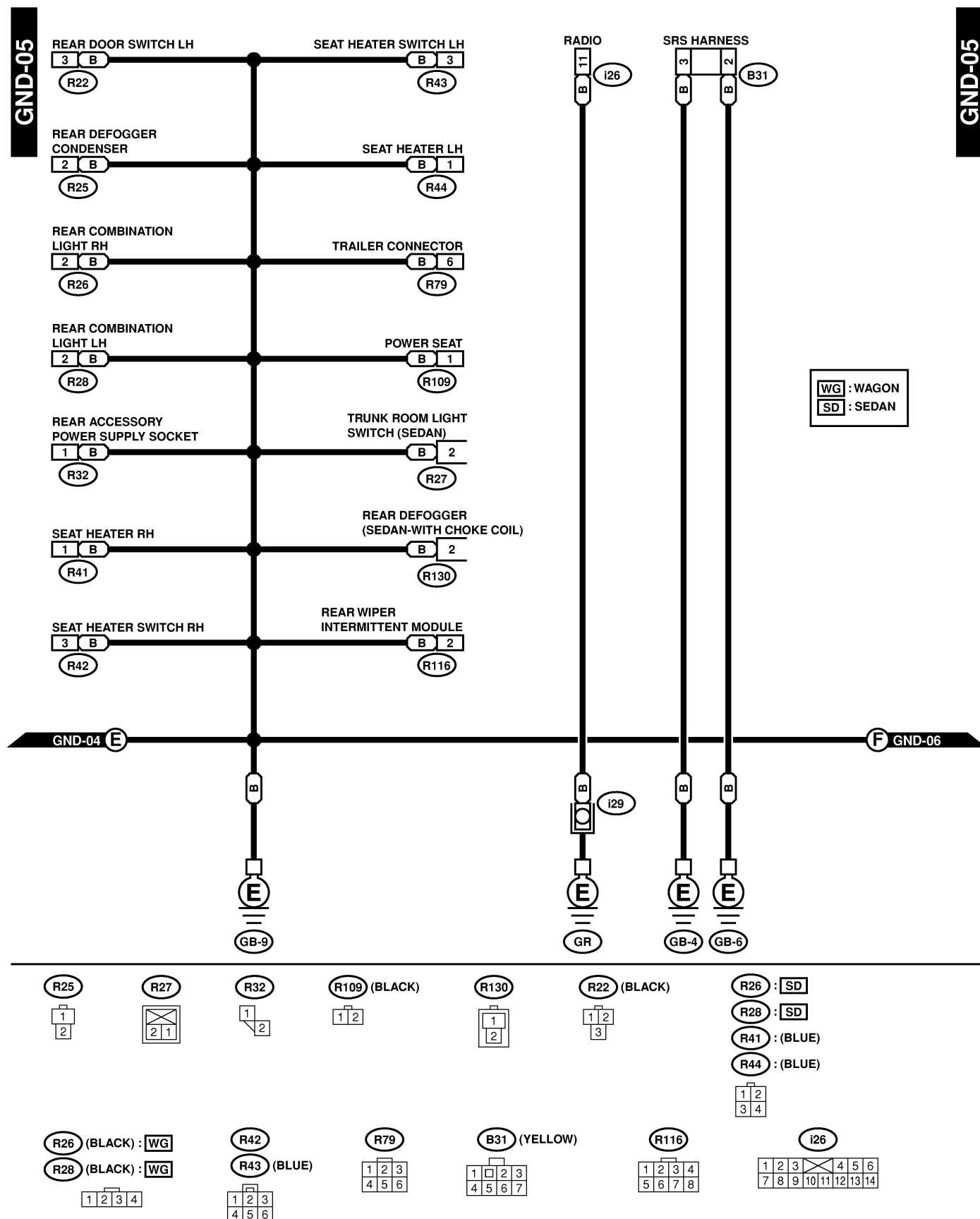
GROUND DISTRIBUTION

Wiring System



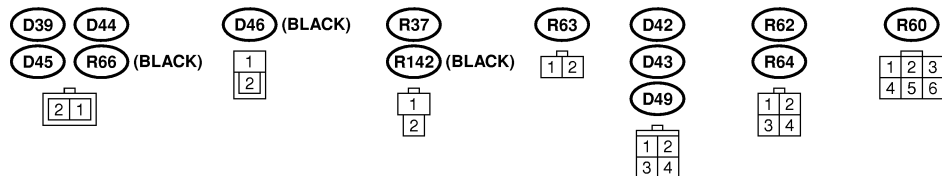
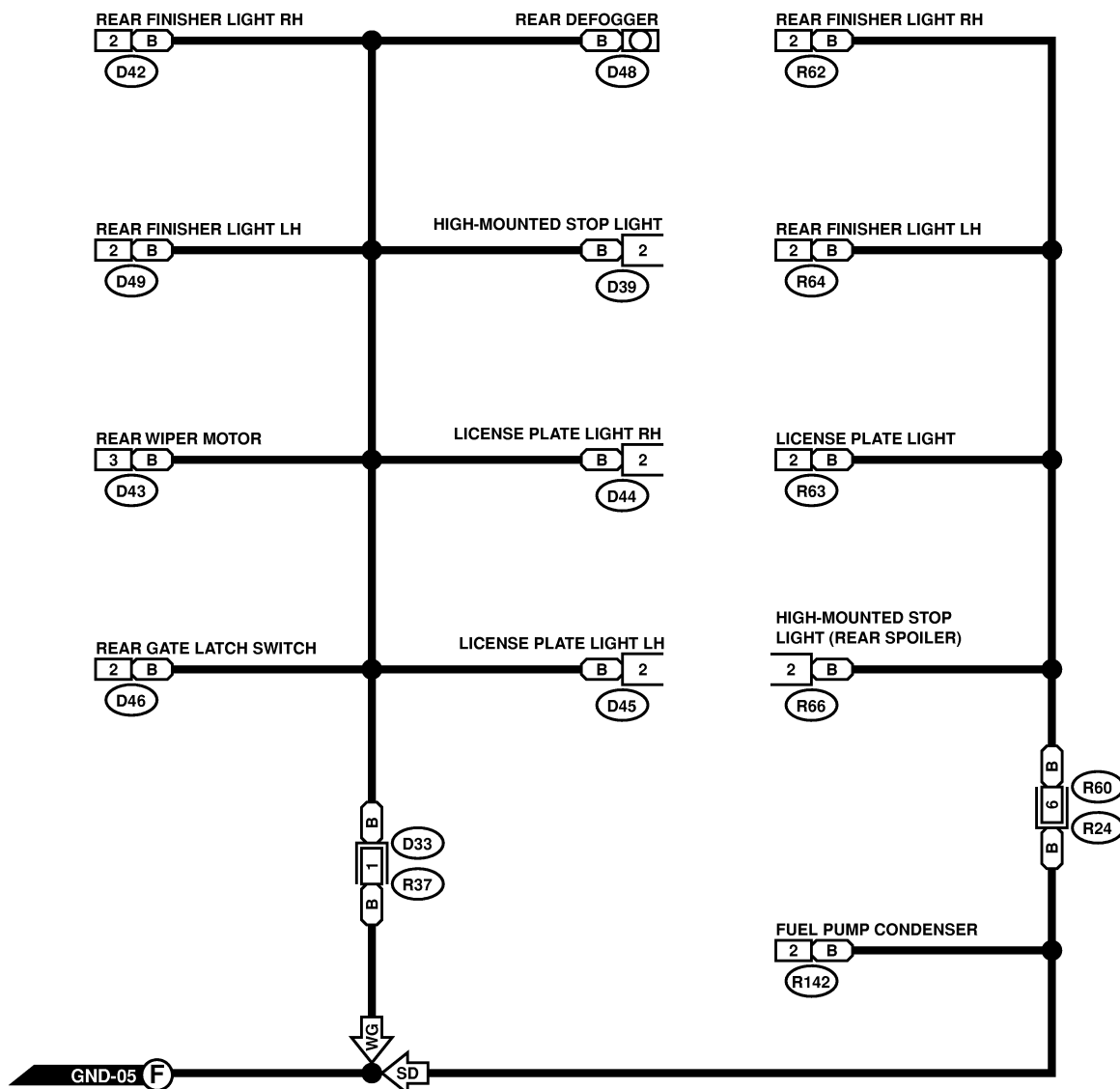
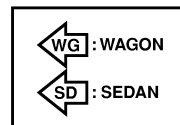
GROUND DISTRIBUTION

Wiring System



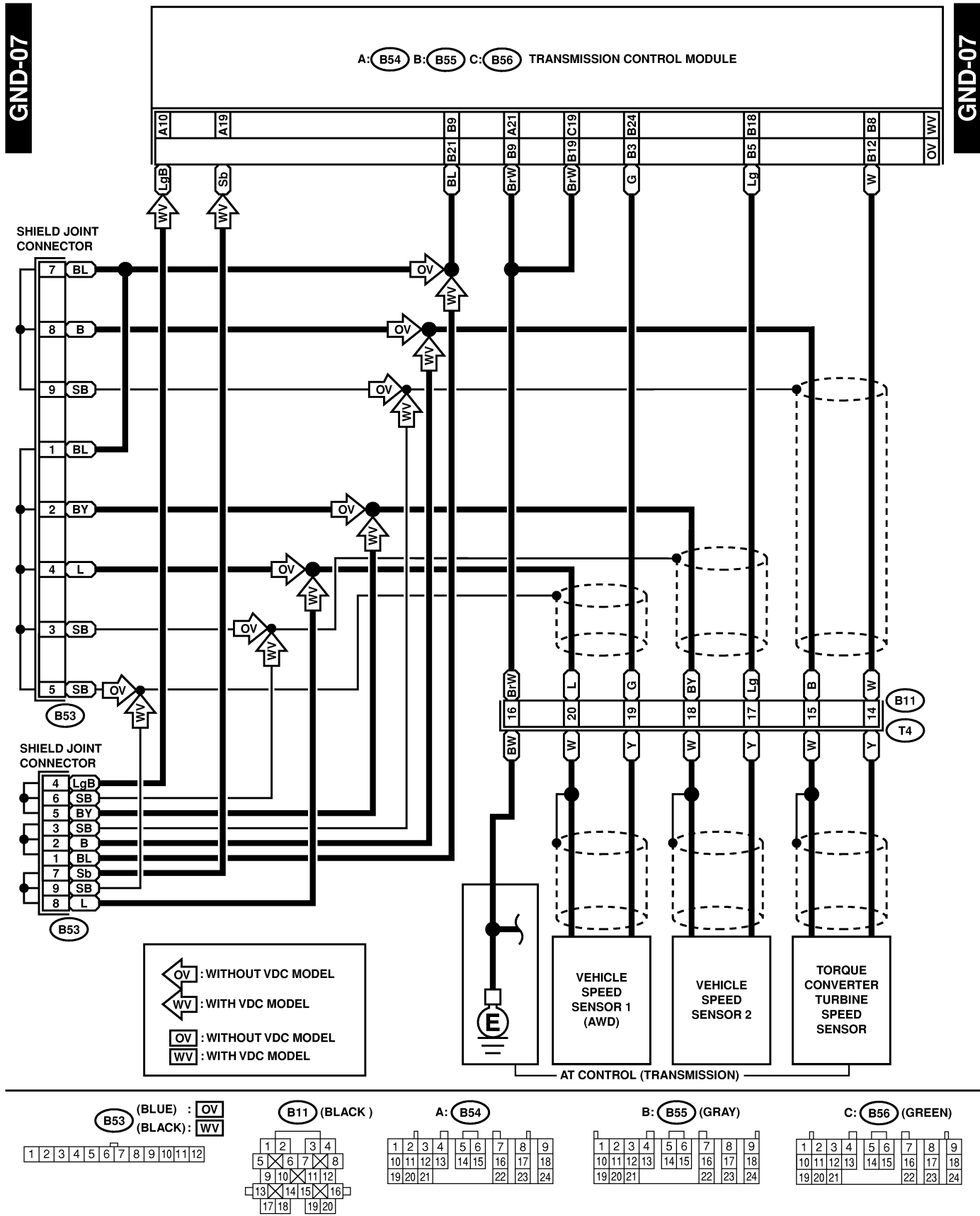
GND-06

GND-06

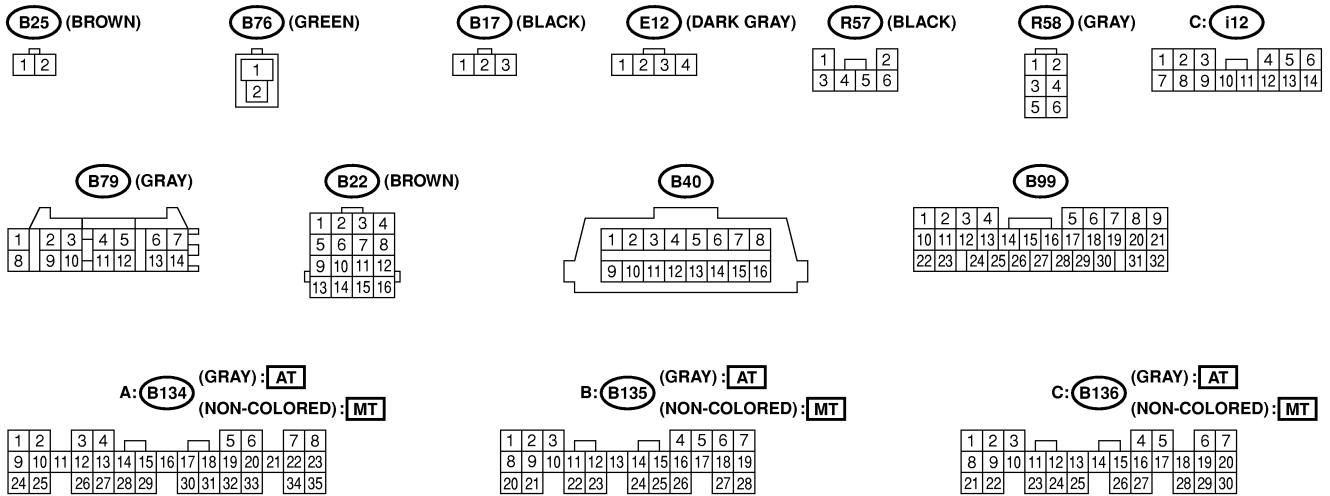


GROUND DISTRIBUTION

Wiring System

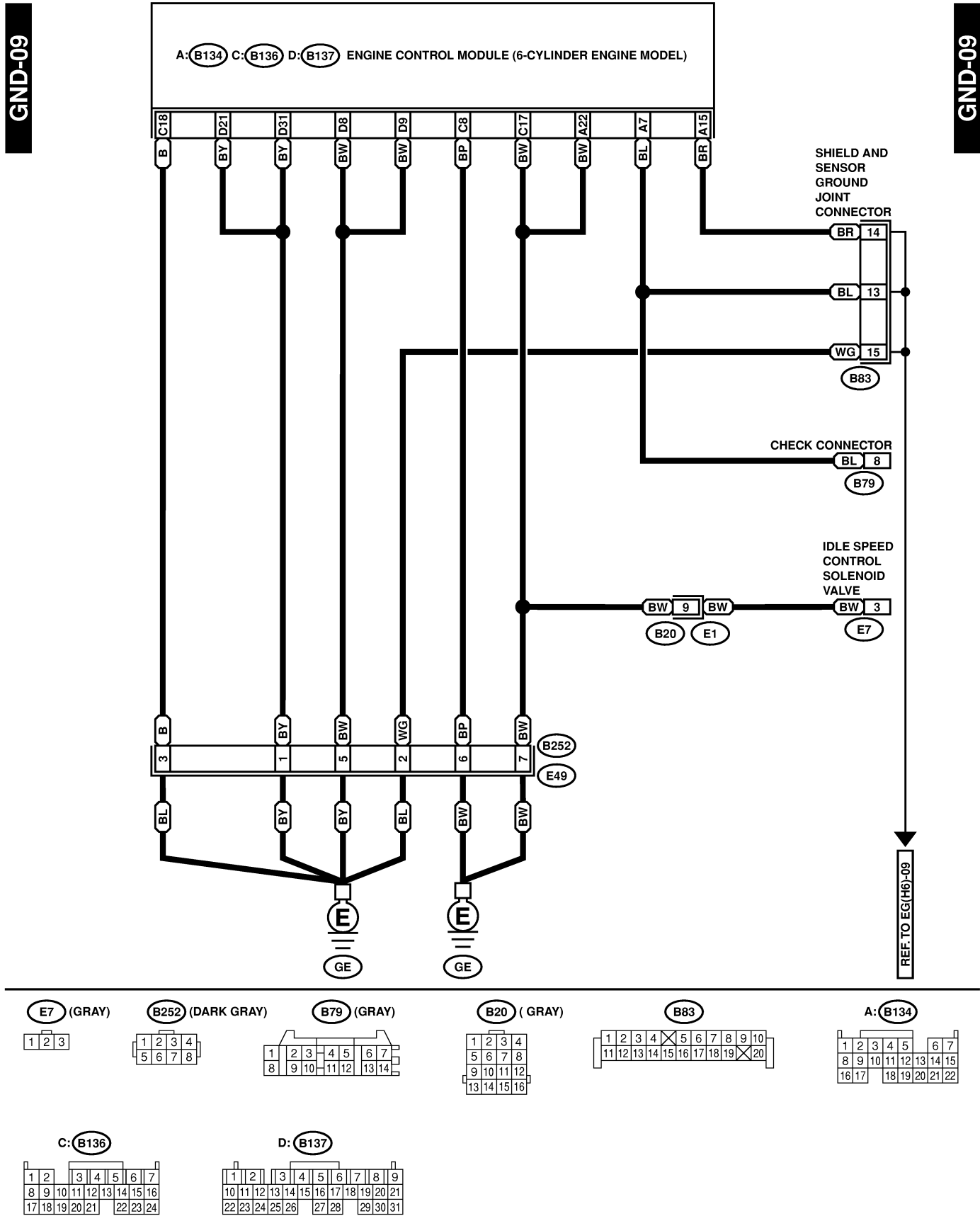


Wiring System



GROUND DISTRIBUTION

Wiring System



MEMO:

AIRBAG SYSTEM

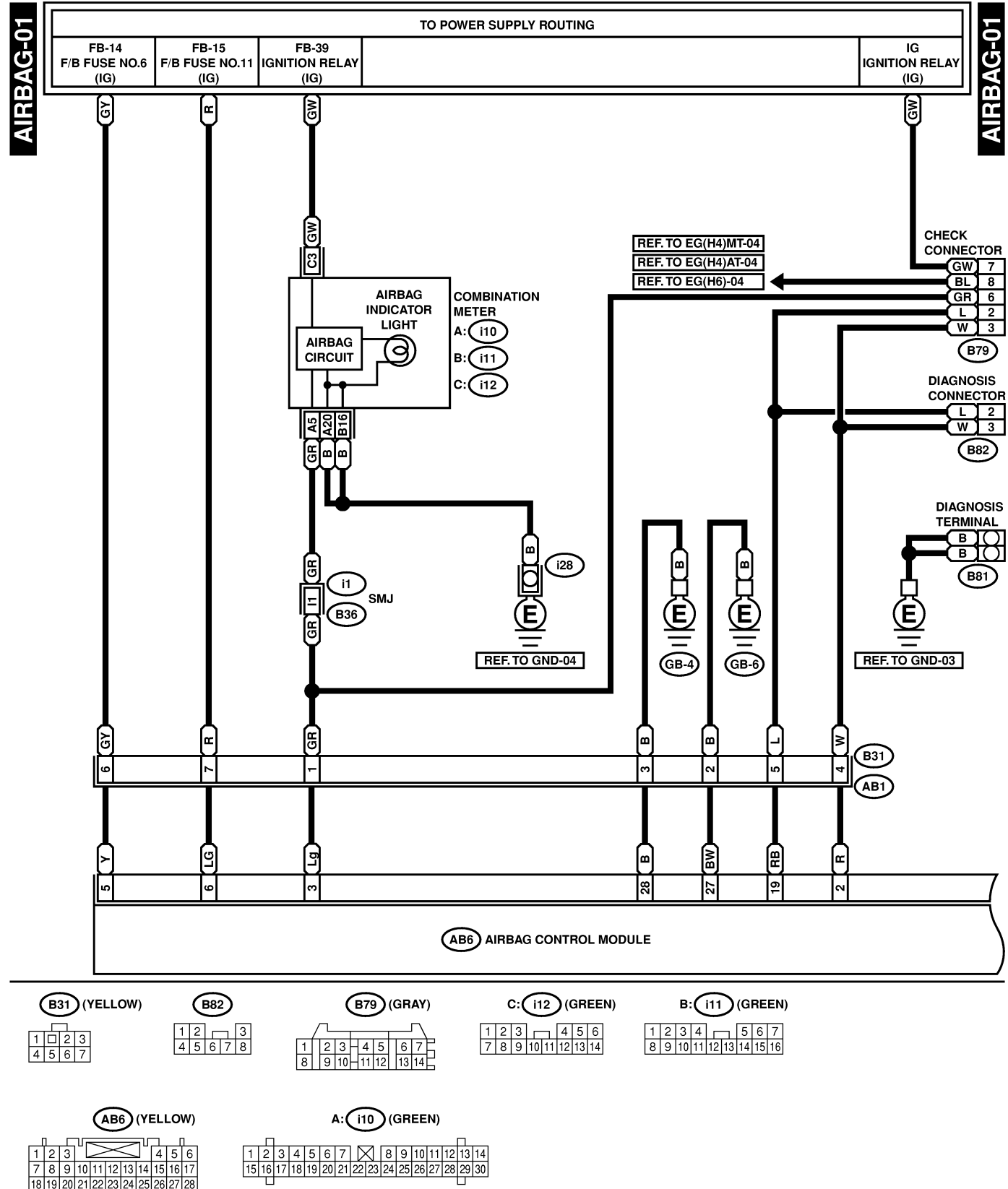
Wiring System

6. Airbag System

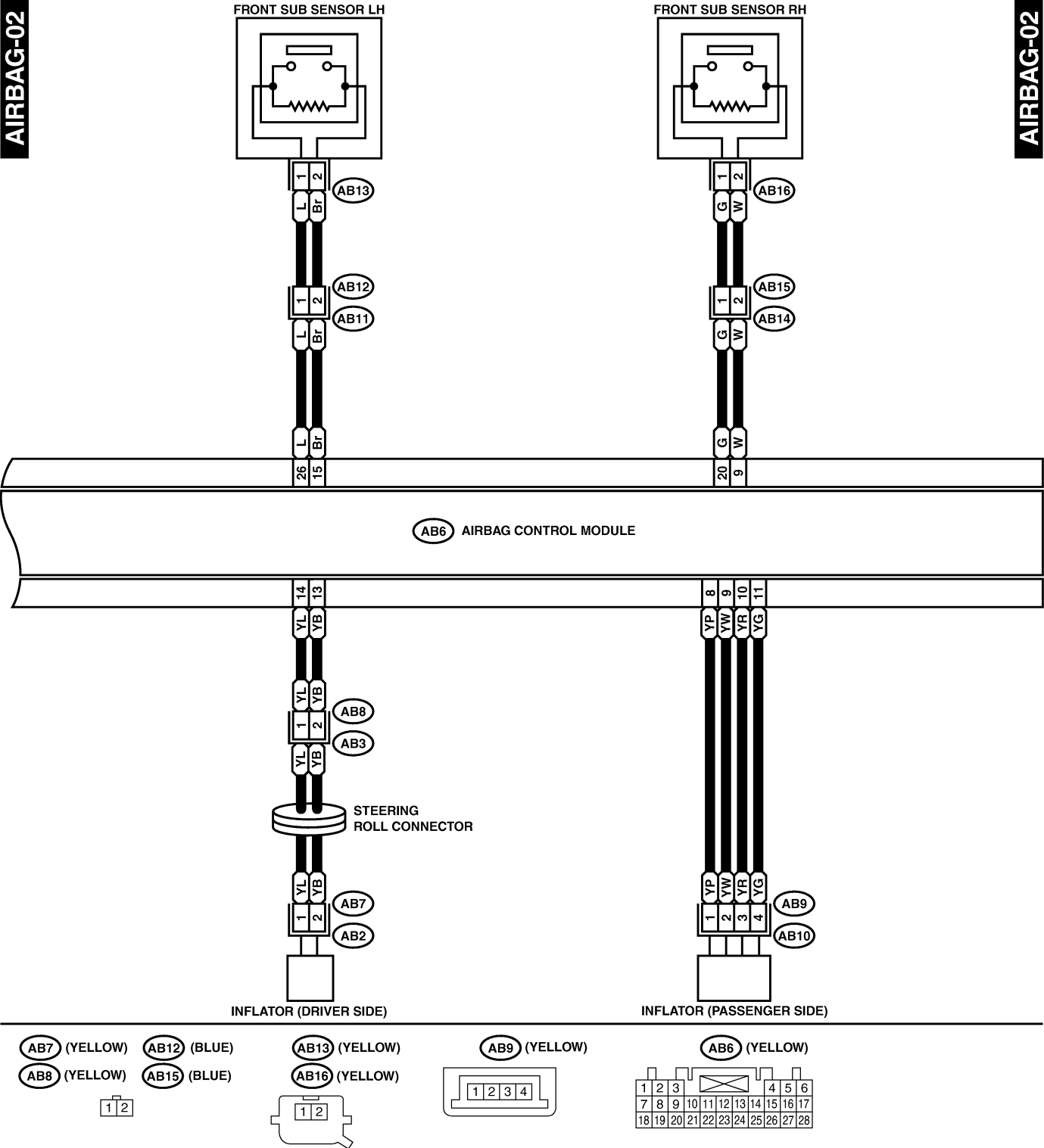
S903491

A: SCHEMATIC

S903491A21

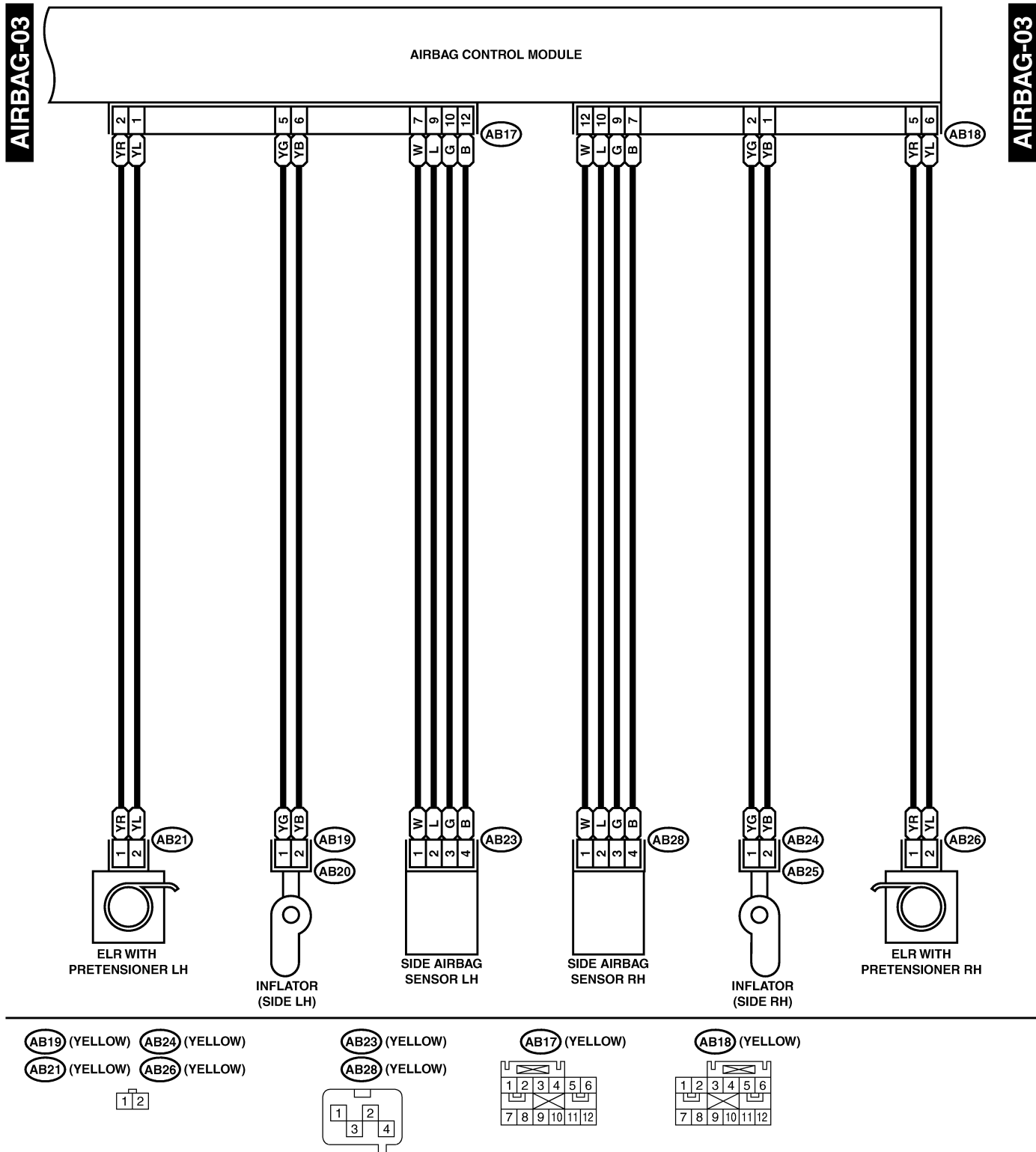


BU86-22A



AIRBAG SYSTEM

Wiring System

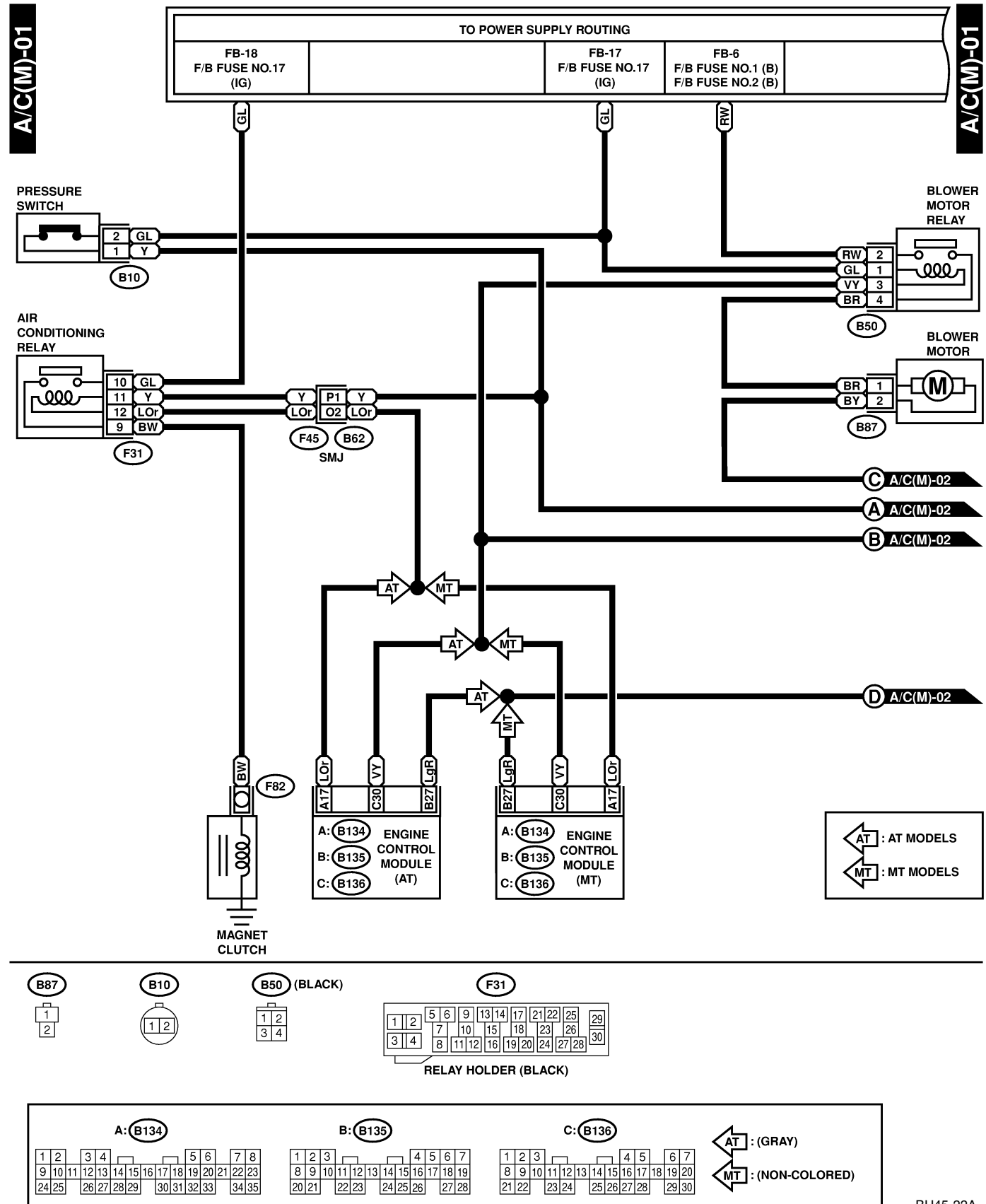


MEMO:

Wiring System

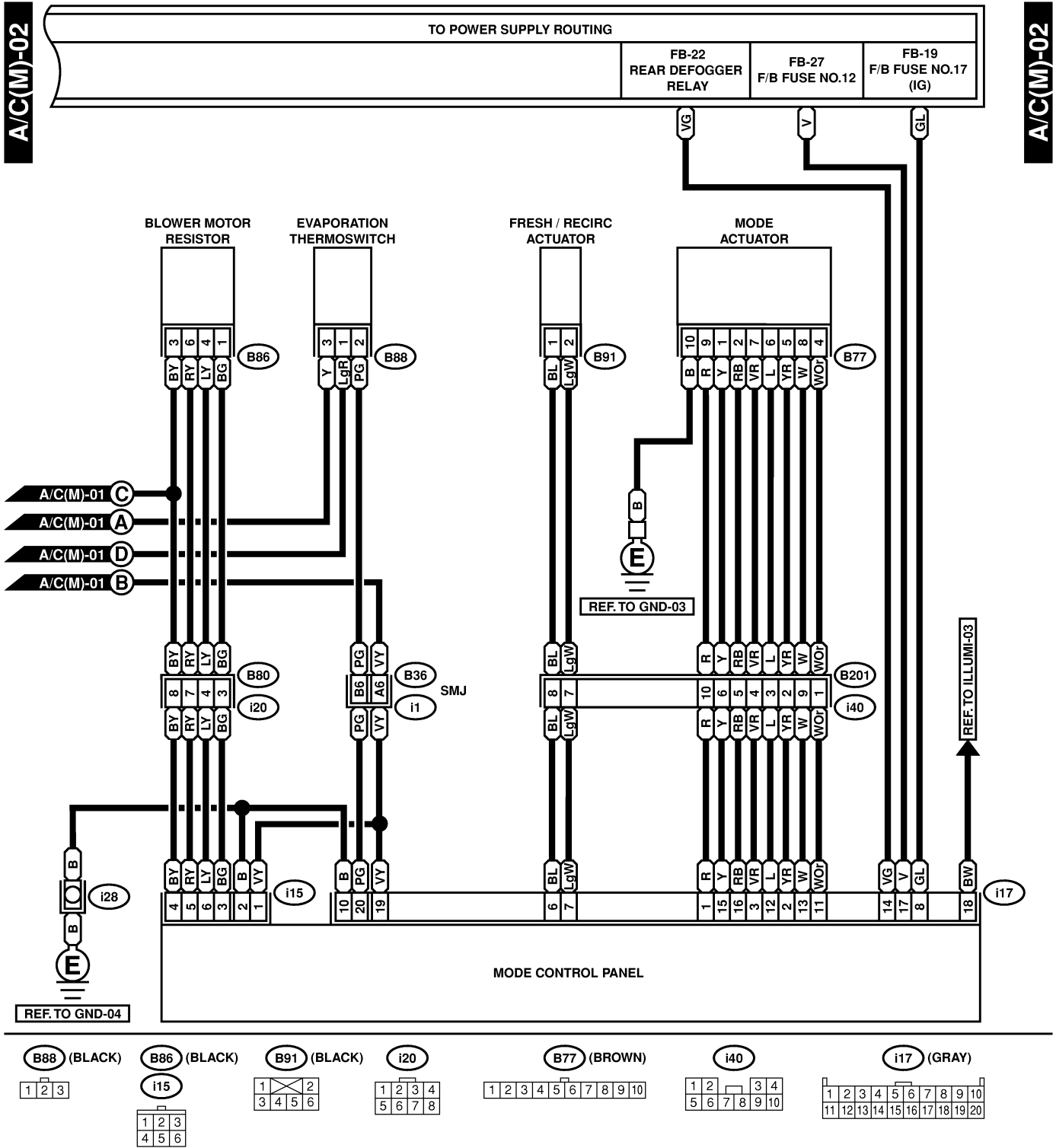
7. Manual Air Conditioning System S903805

A: SCHEMATIC S903805A21



MANUAL AIR CONDITIONING SYSTEM

Wiring System



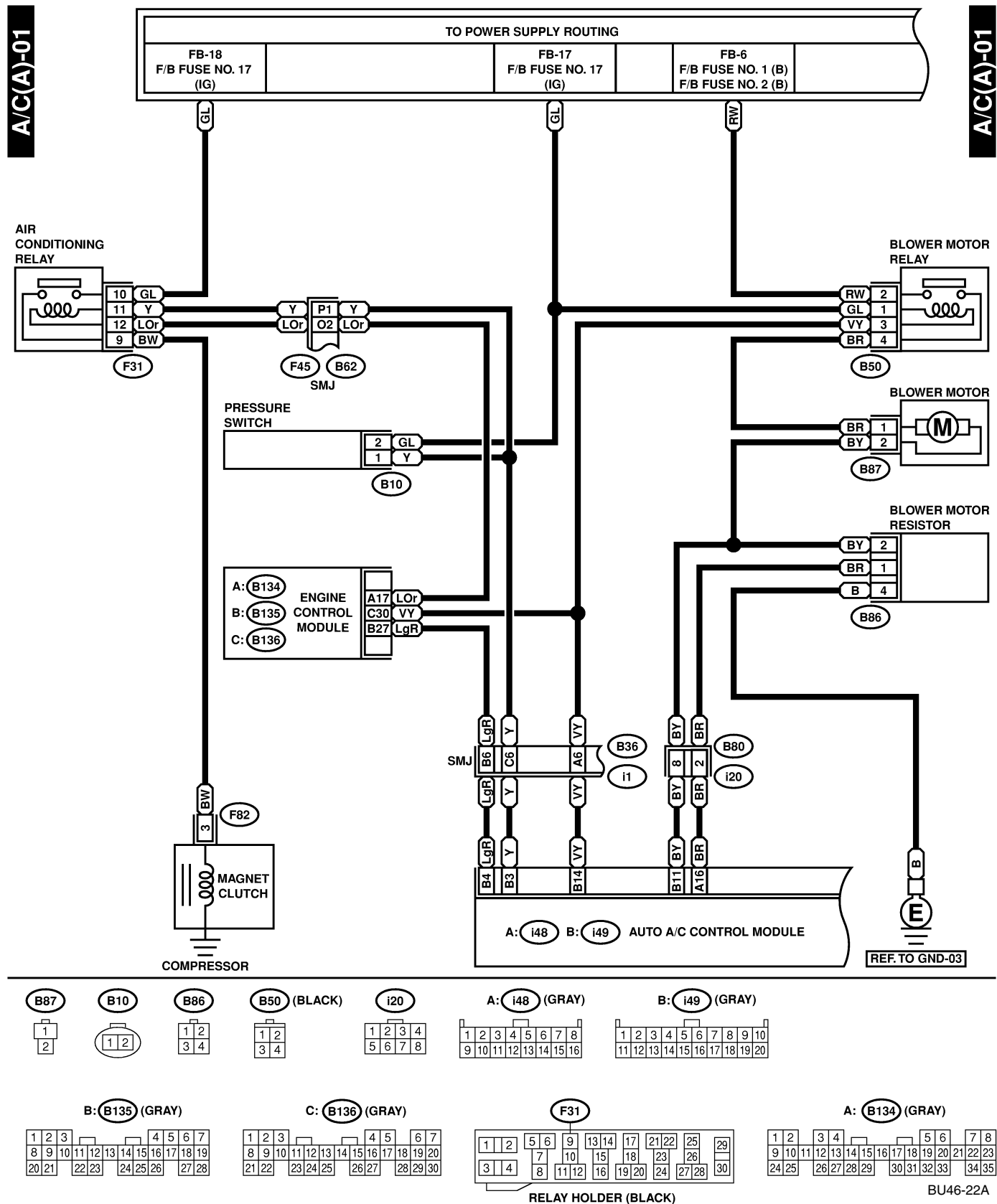
AUTOMATIC AIR CONDITIONING SYSTEM

Wiring System

8. Automatic Air Conditioning System S903806

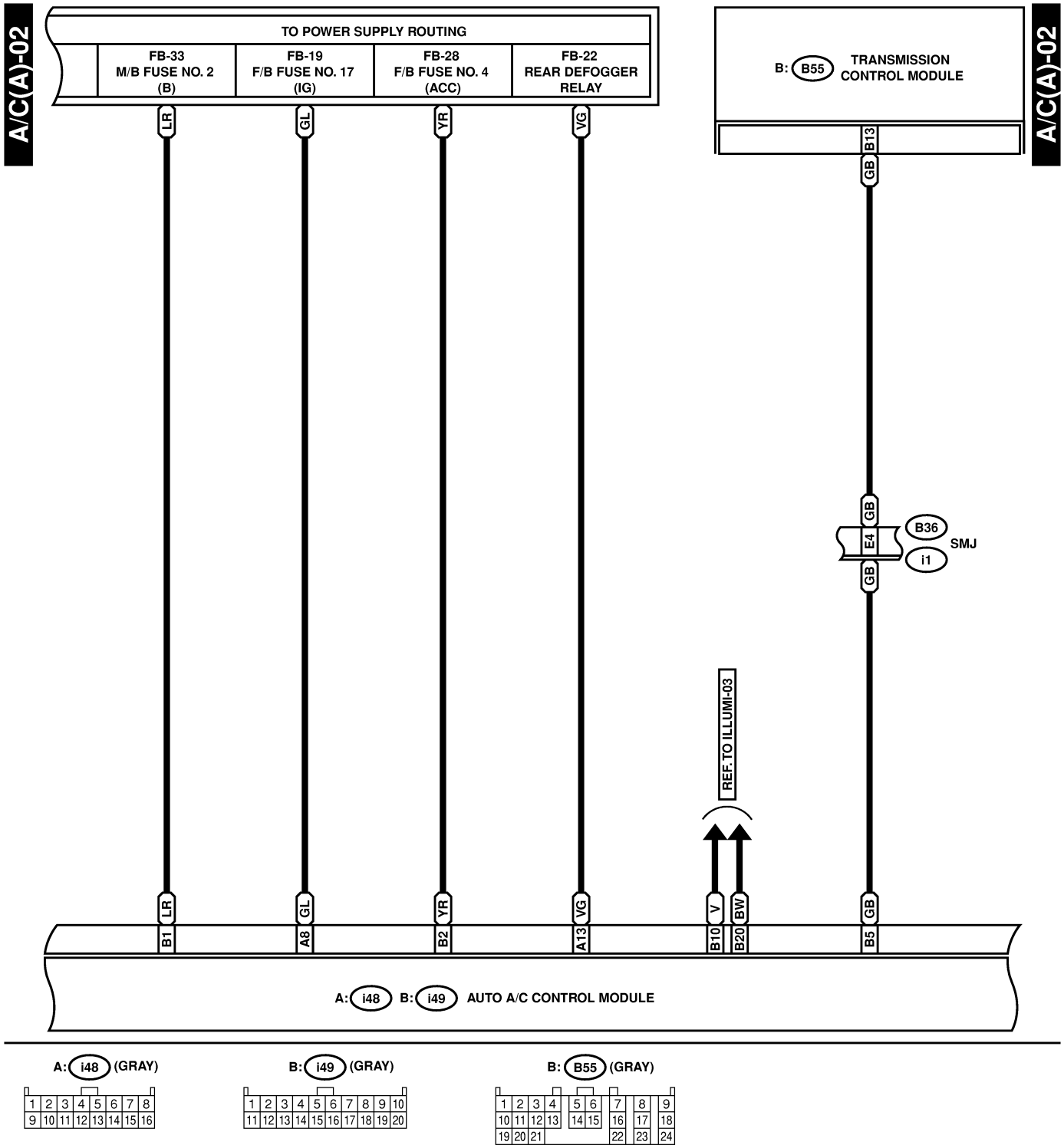
A: SCHEMATIC S903806A21

1. 4-CYLINDER ENGINE MODEL S903806A2101

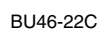


AUTOMATIC AIR CONDITIONING SYSTEM

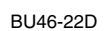
Wiring System



Wiring System



Wiring System

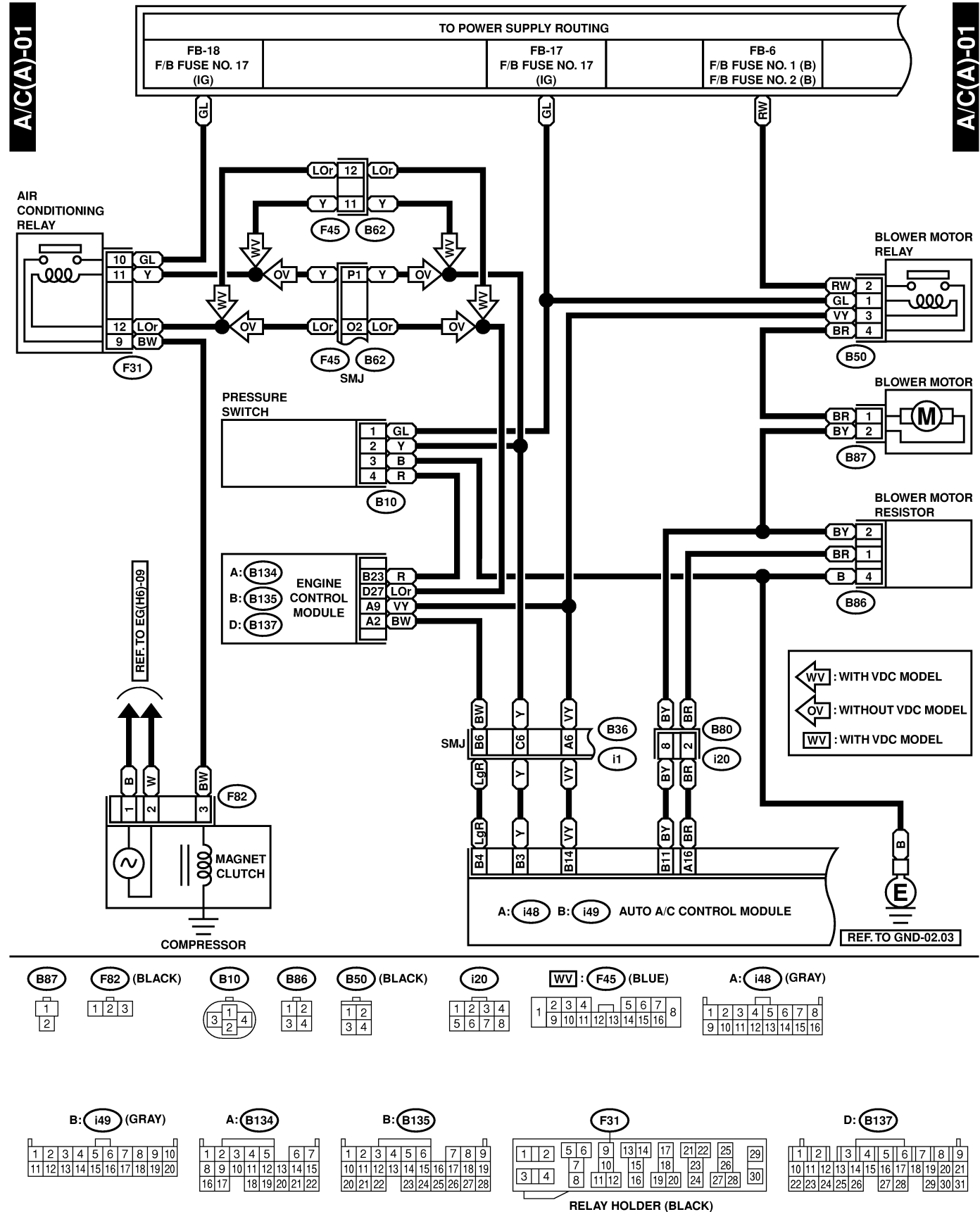


AUTOMATIC AIR CONDITIONING SYSTEM

Wiring System

2. 6-CYLINDER ENGINE MODEL

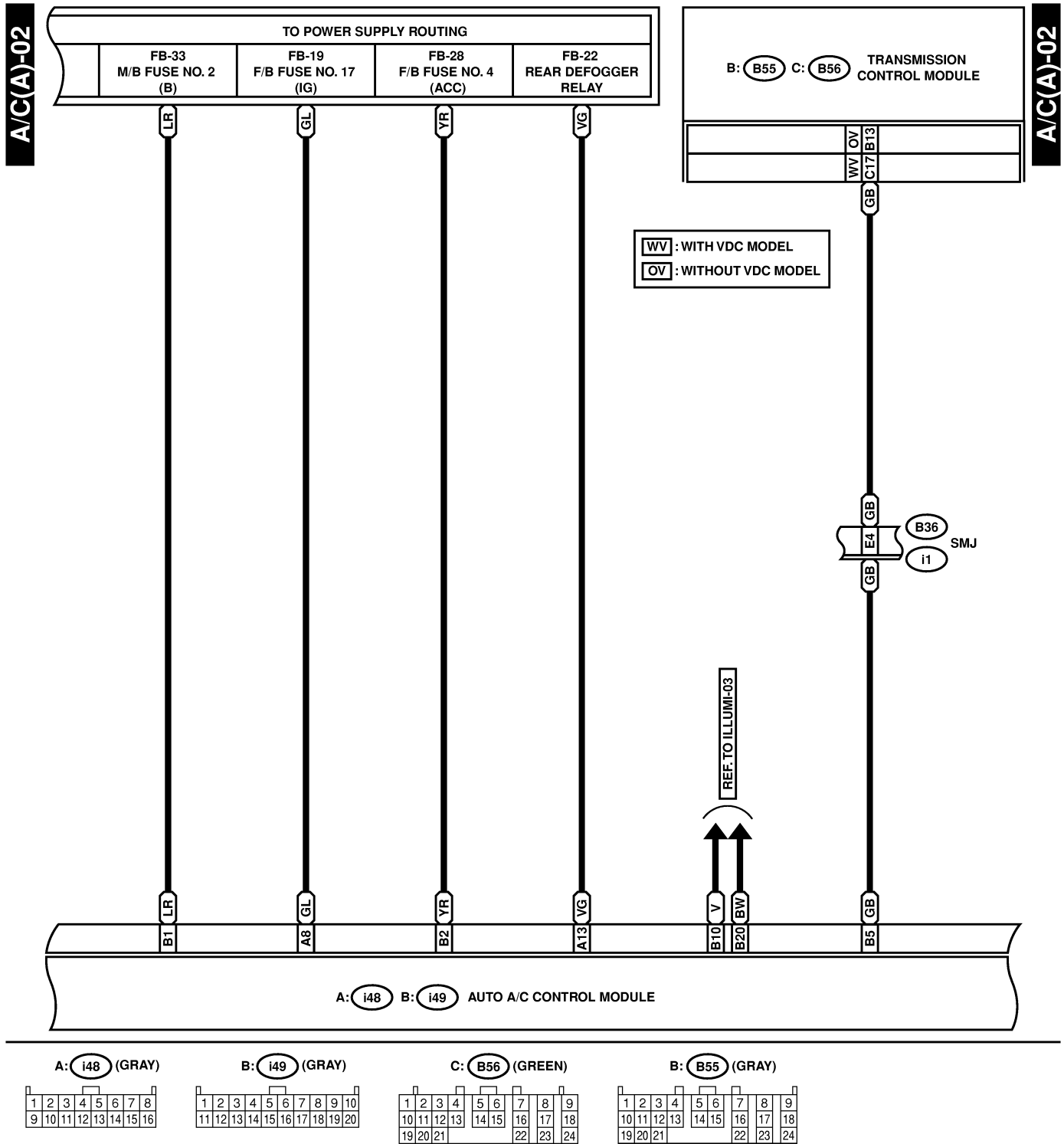
S903806A2102



BU46-23A

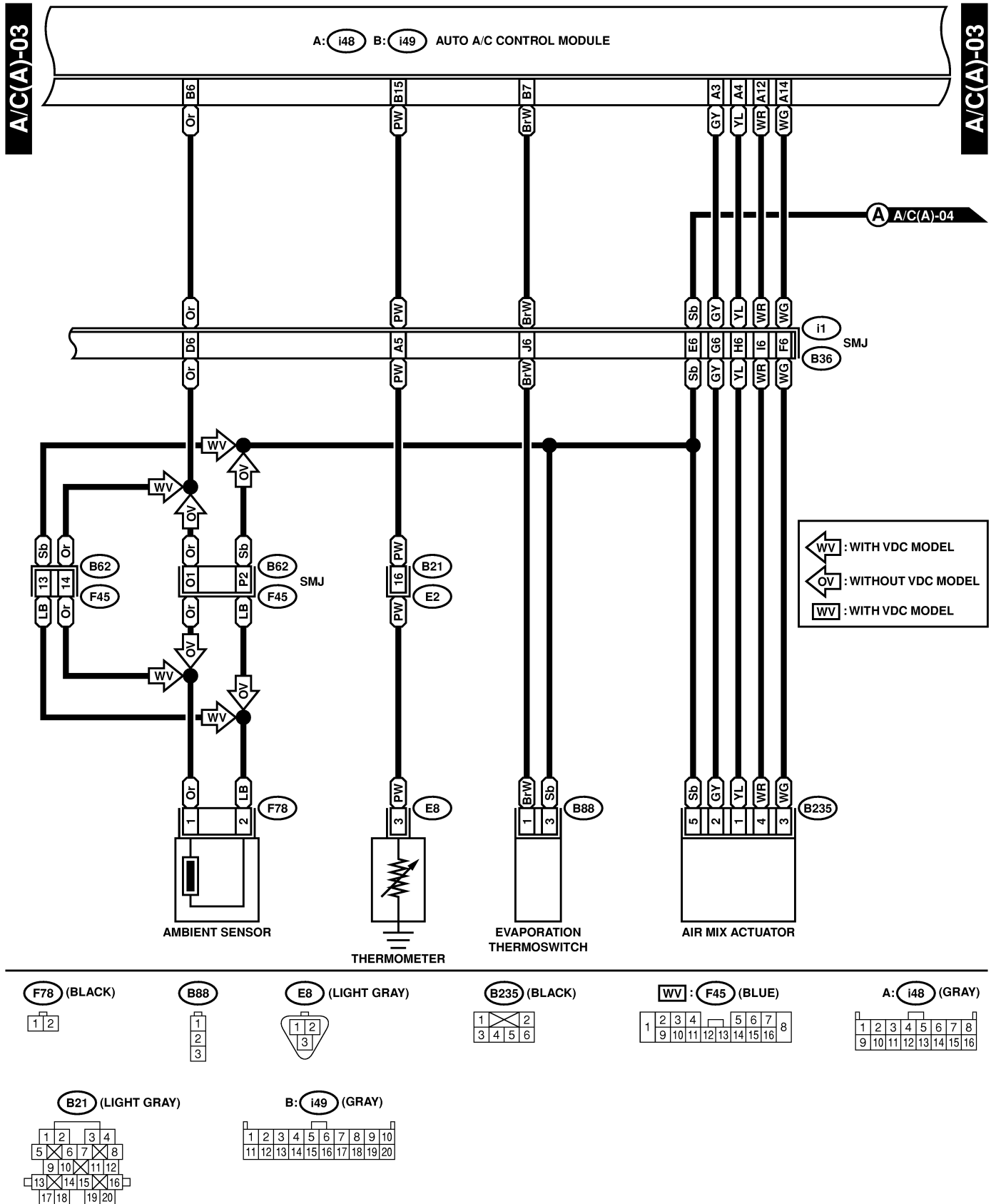
AUTOMATIC AIR CONDITIONING SYSTEM

Wiring System



AUTOMATIC AIR CONDITIONING SYSTEM

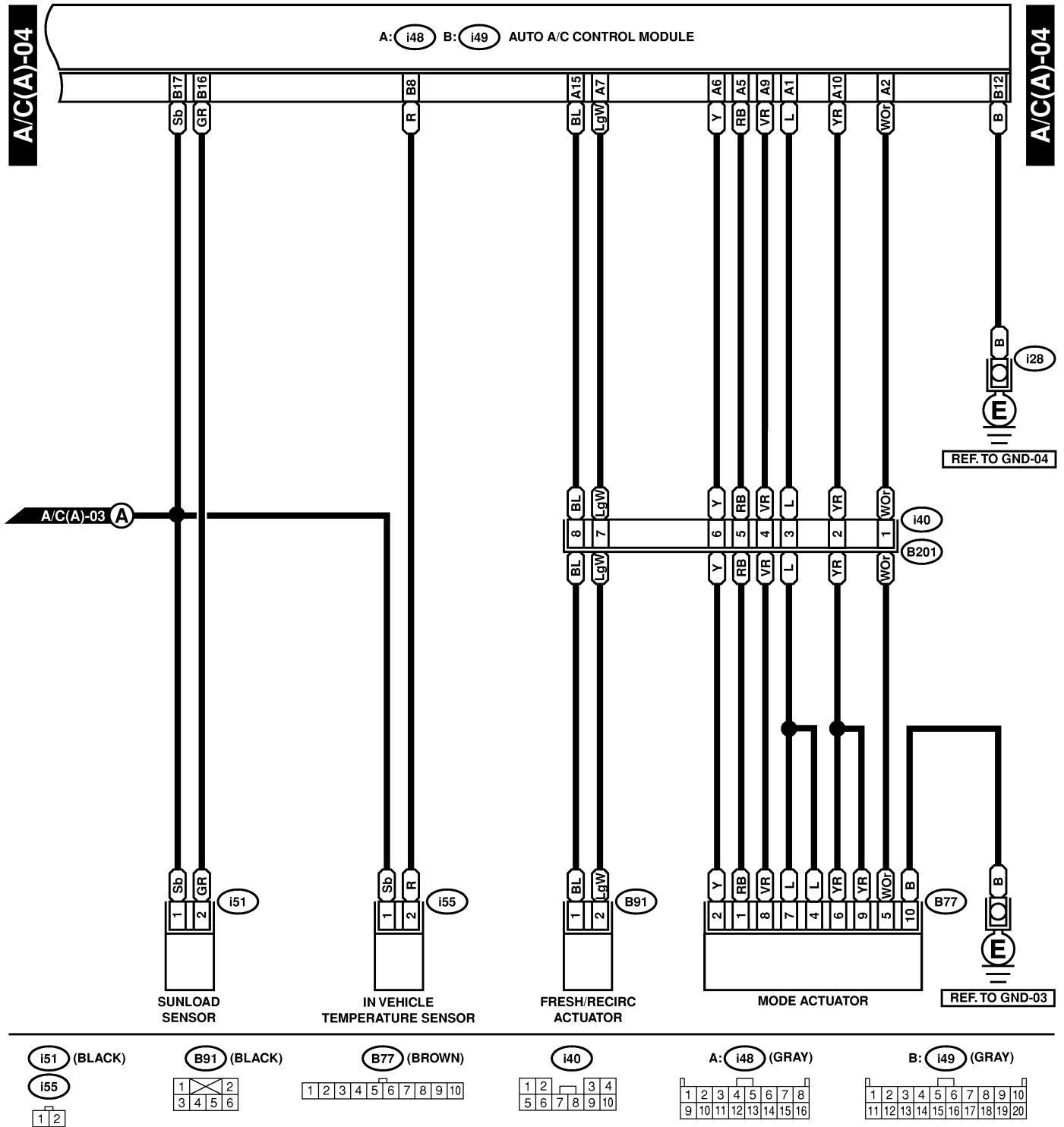
Wiring System



BU46-23C

AUTOMATIC AIR CONDITIONING SYSTEM

Wiring System

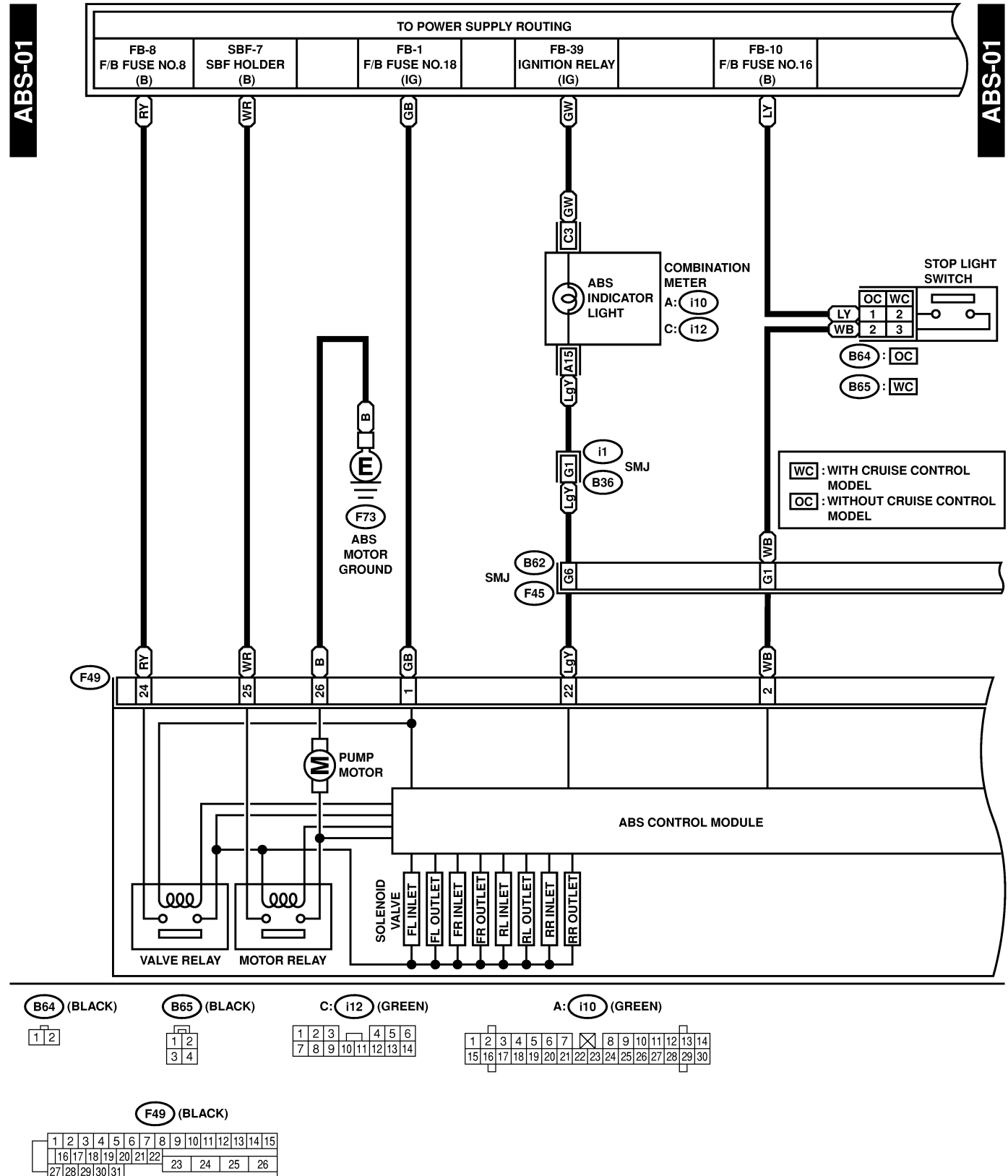


ANTI-LOCK BRAKE SYSTEM

Wiring System

9. Anti-lock Brake System S903484

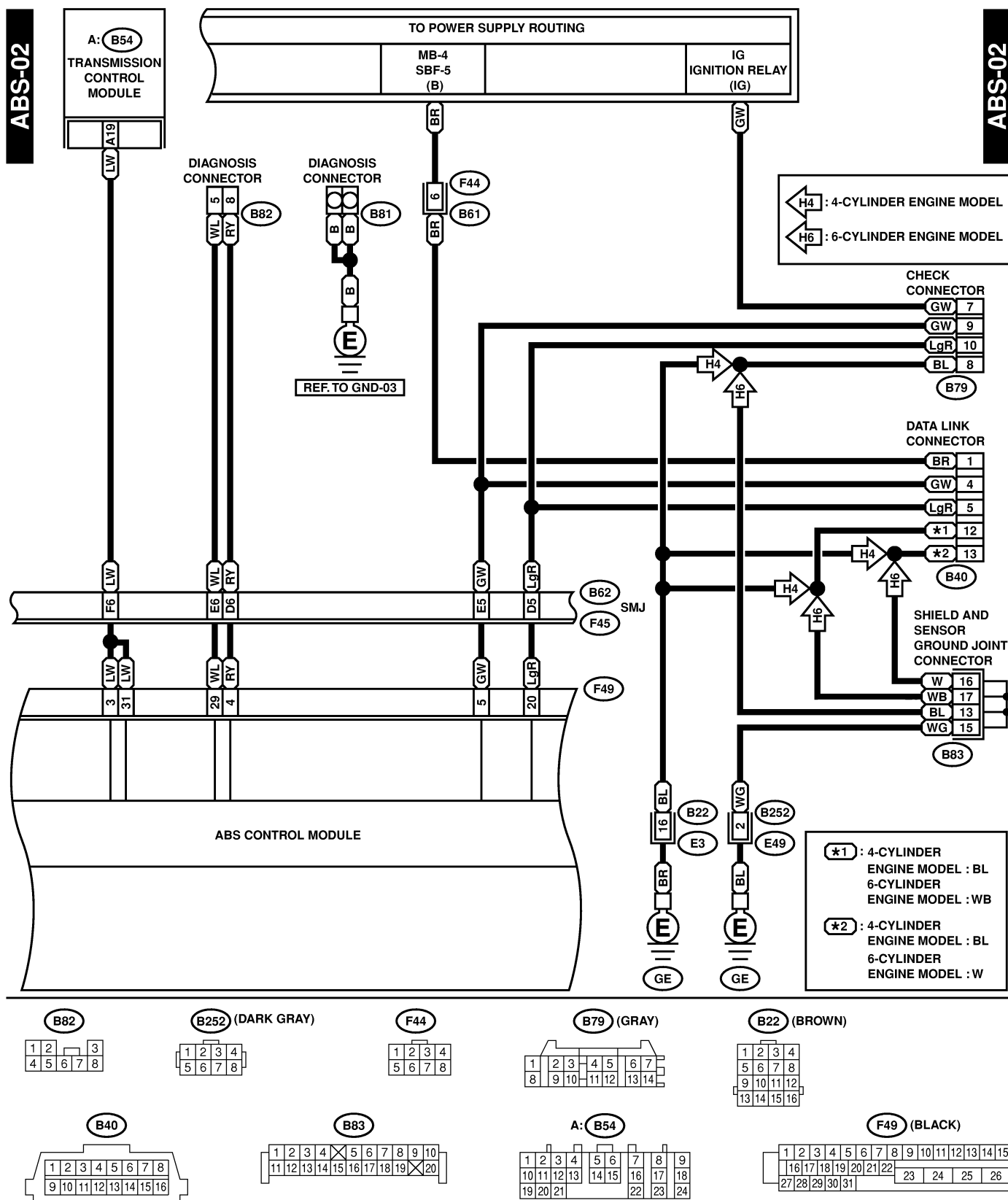
A: SCHEMATIC S903484A21



BU82-22A

ANTI-LOCK BRAKE SYSTEM

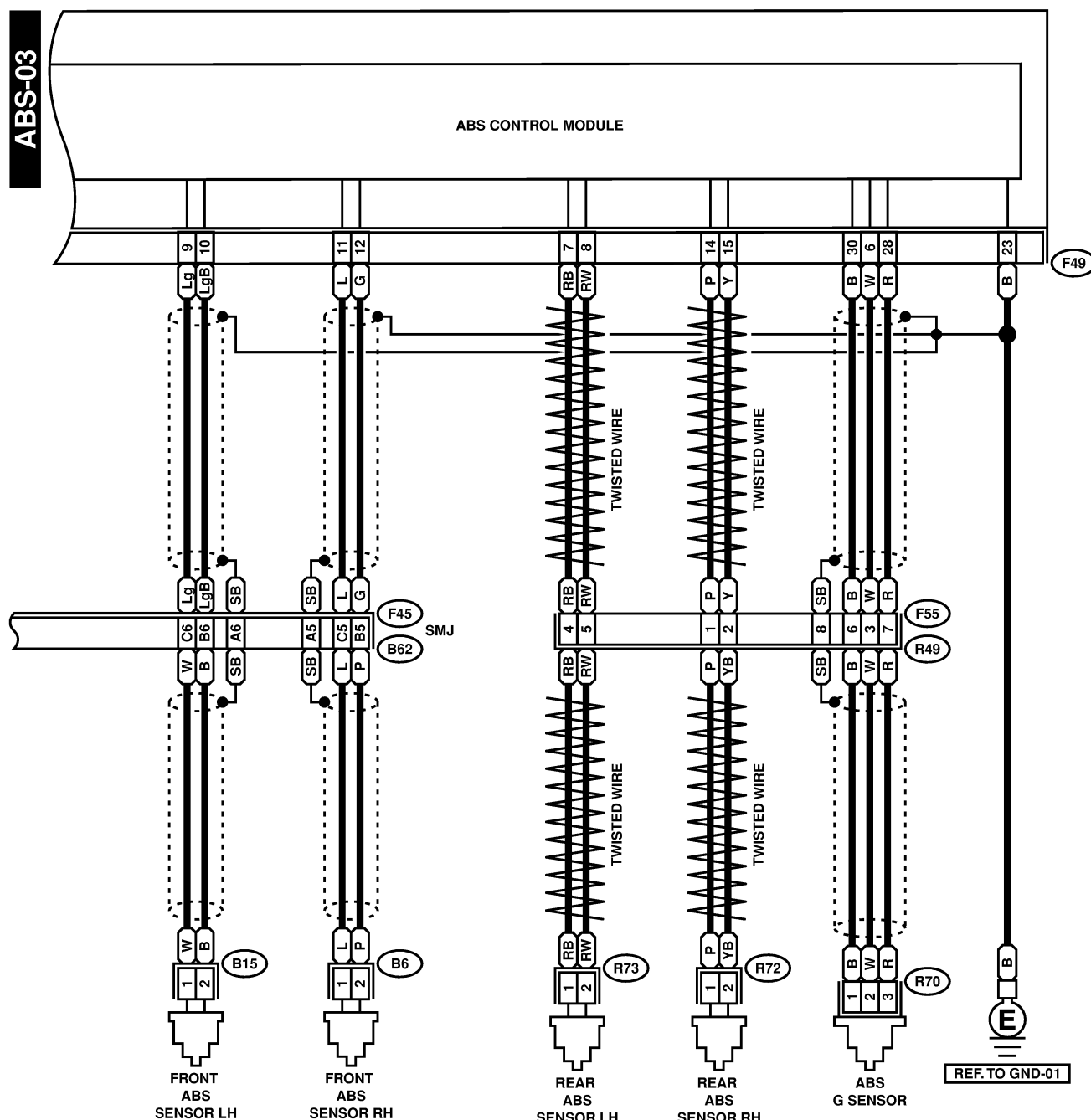
Wiring System



BU82-22B

ANTI-LOCK BRAKE SYSTEM

Wiring System



B6 : ★1 R72 (GRAY)

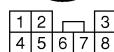
B15 : ★1 R73 (GRAY)



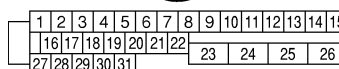
R70 (BLACK)



F55



F49 (BLACK)



★1 : OUT BACK: (BROWN)
OTHER MODELS: (GRAY)

MEMO:

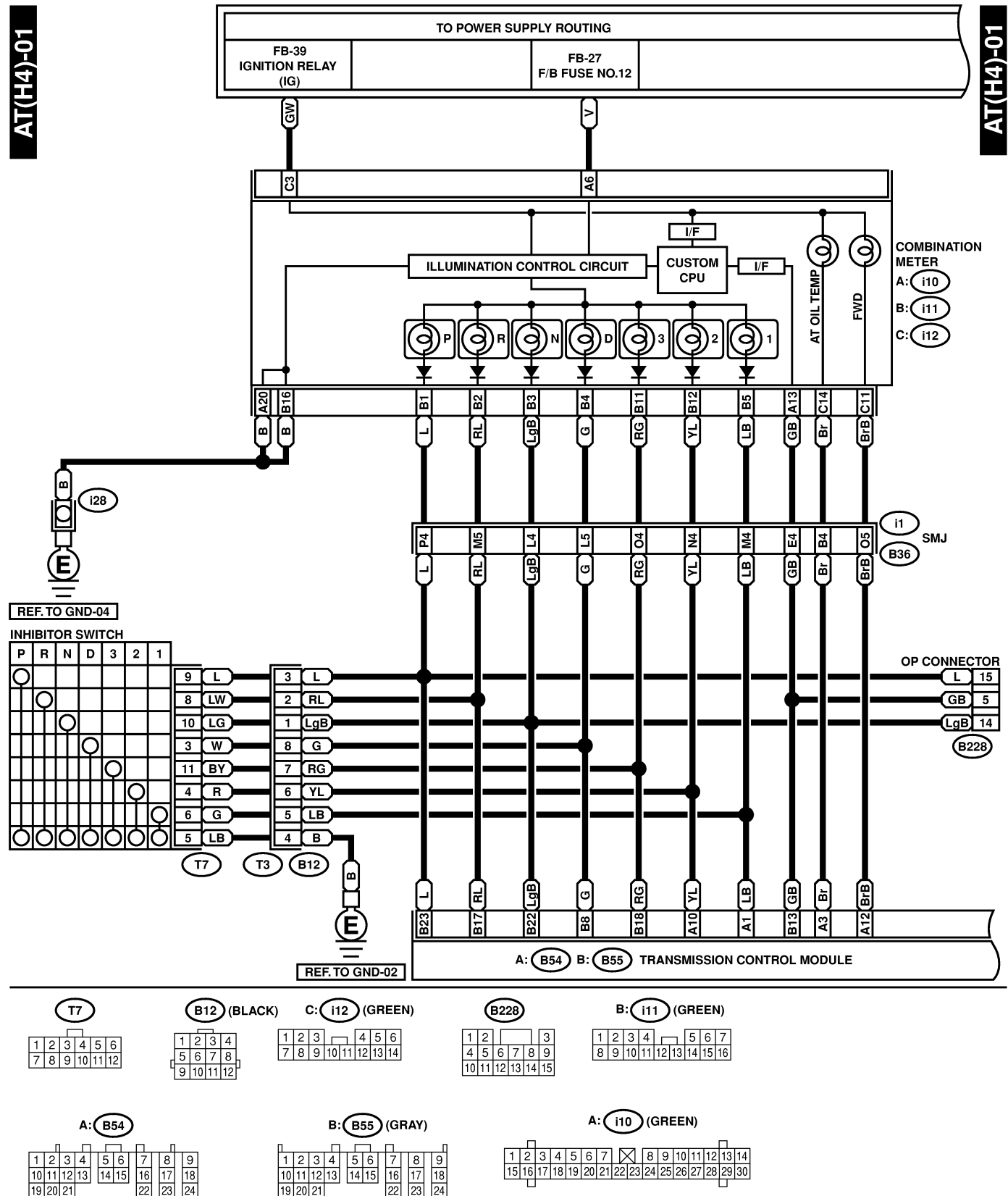
A/T CONTROL SYSTEM

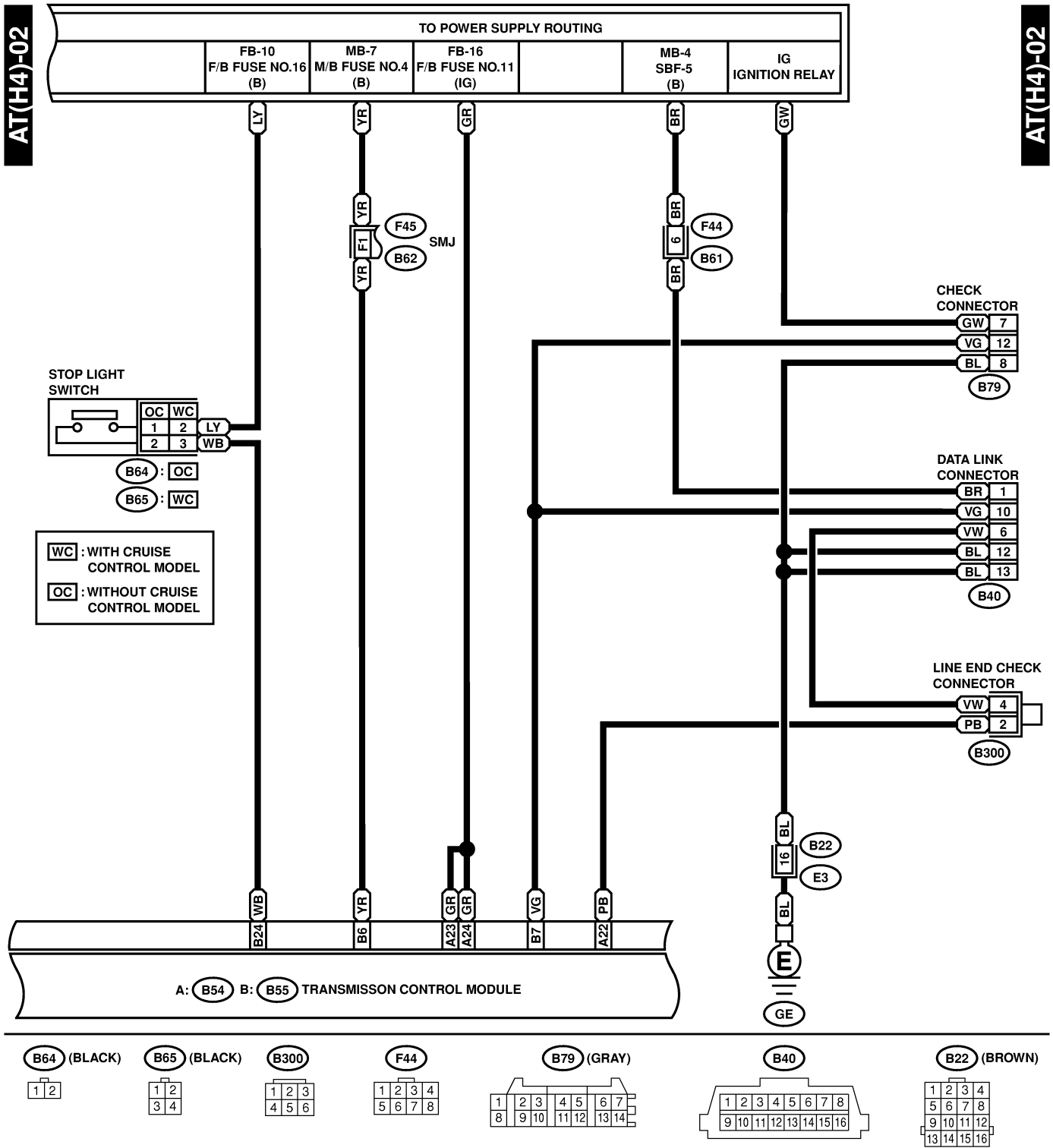
Wiring System

10. A/T Control System S903485

A: SCHEMATIC S903485A21

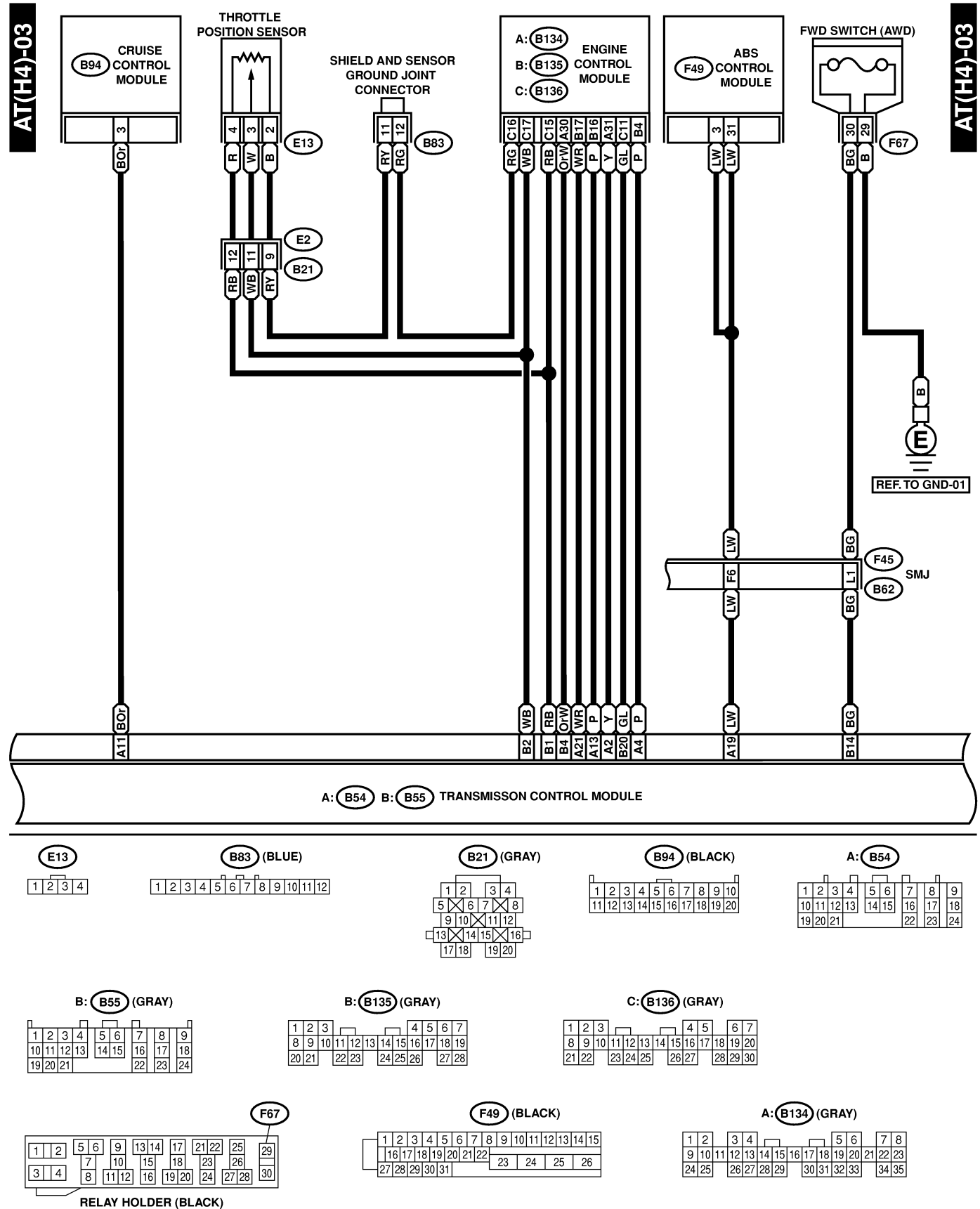
1. 4-CYLINDER ENGINE MODEL S903485A2103





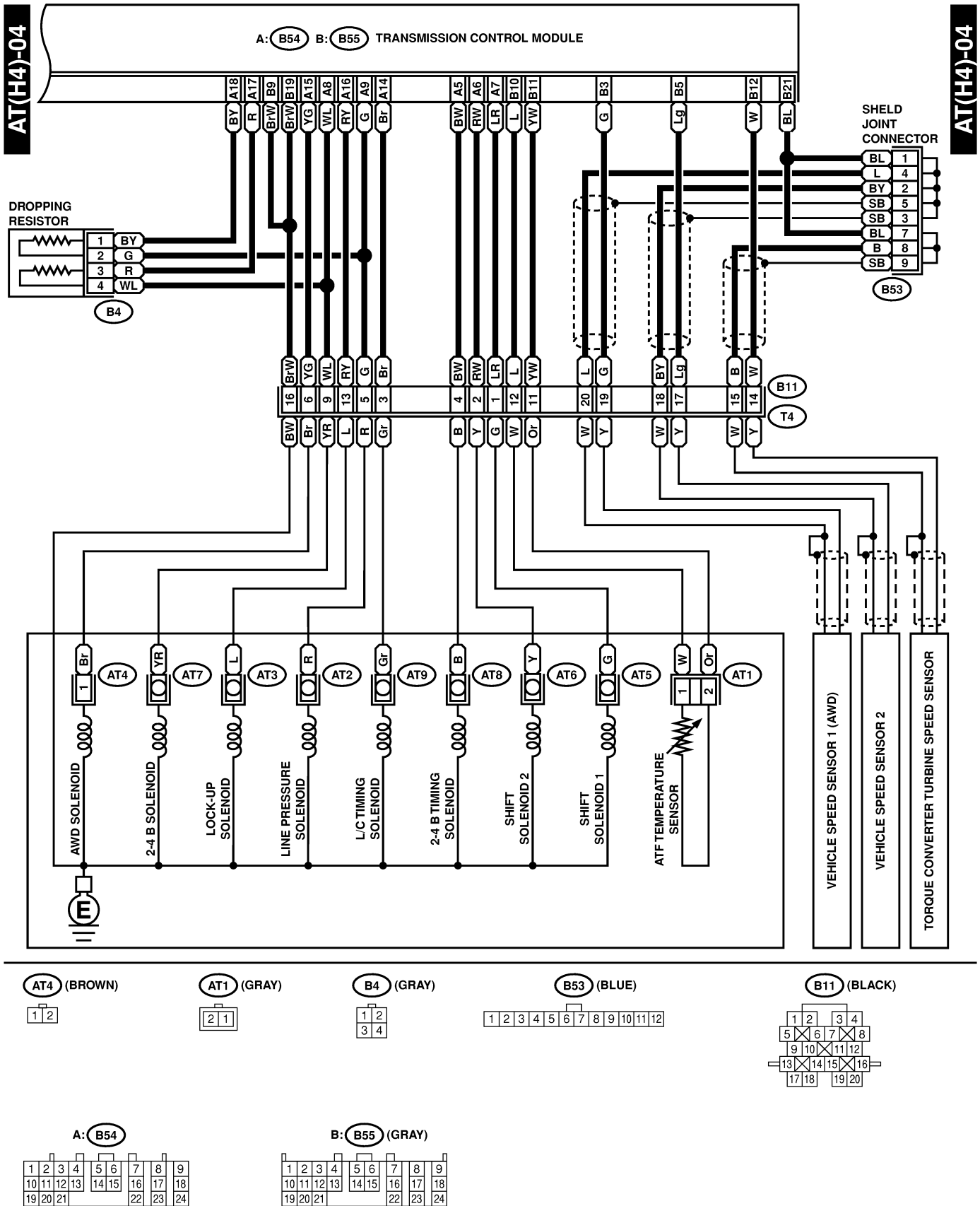
A/T CONTROL SYSTEM

Wiring System



A/T CONTROL SYSTEM

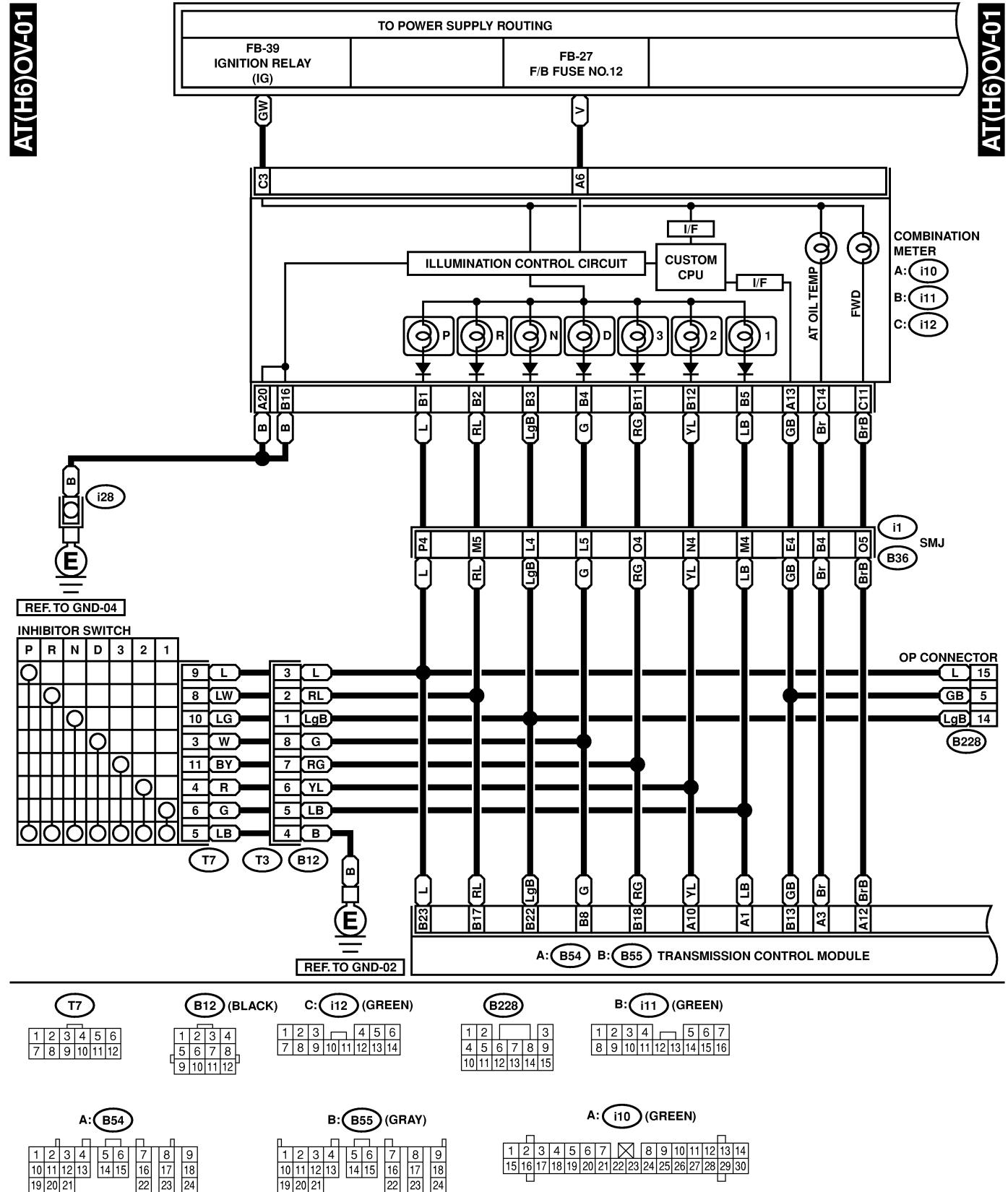
Wiring System



A/T CONTROL SYSTEM

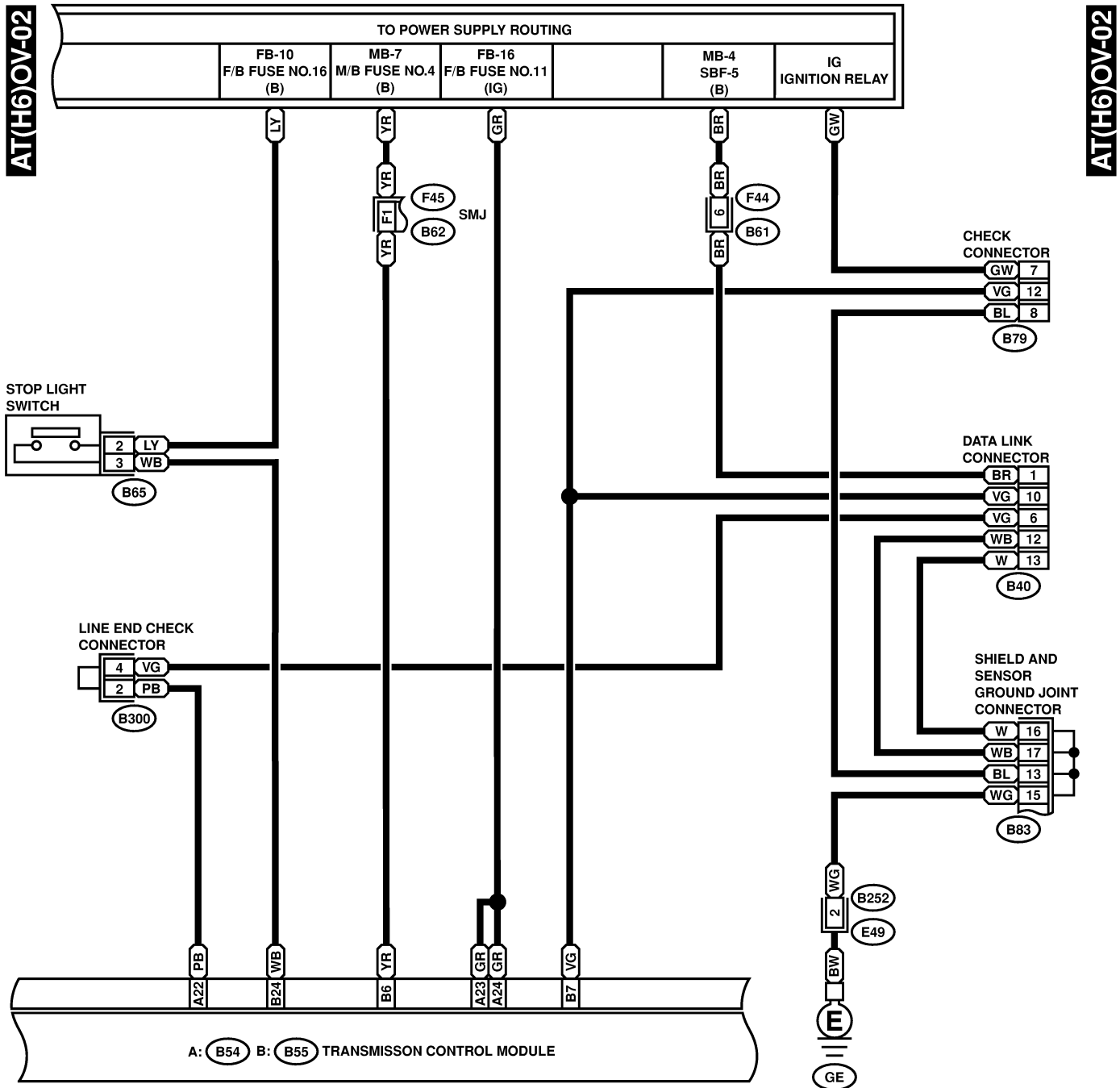
Wiring System

2. 6-CYLINDER ENGINE WITHOUT VDC MODEL S903485A2104



A/T CONTROL SYSTEM

Wiring System



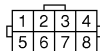
B65 (BLACK)



B300



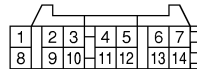
B252 (DARK GRAY)



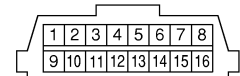
F44



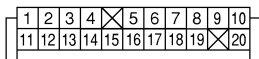
B79 (GRAY)



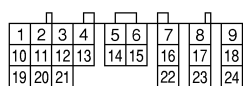
B40



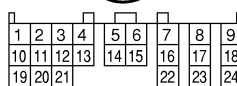
B83



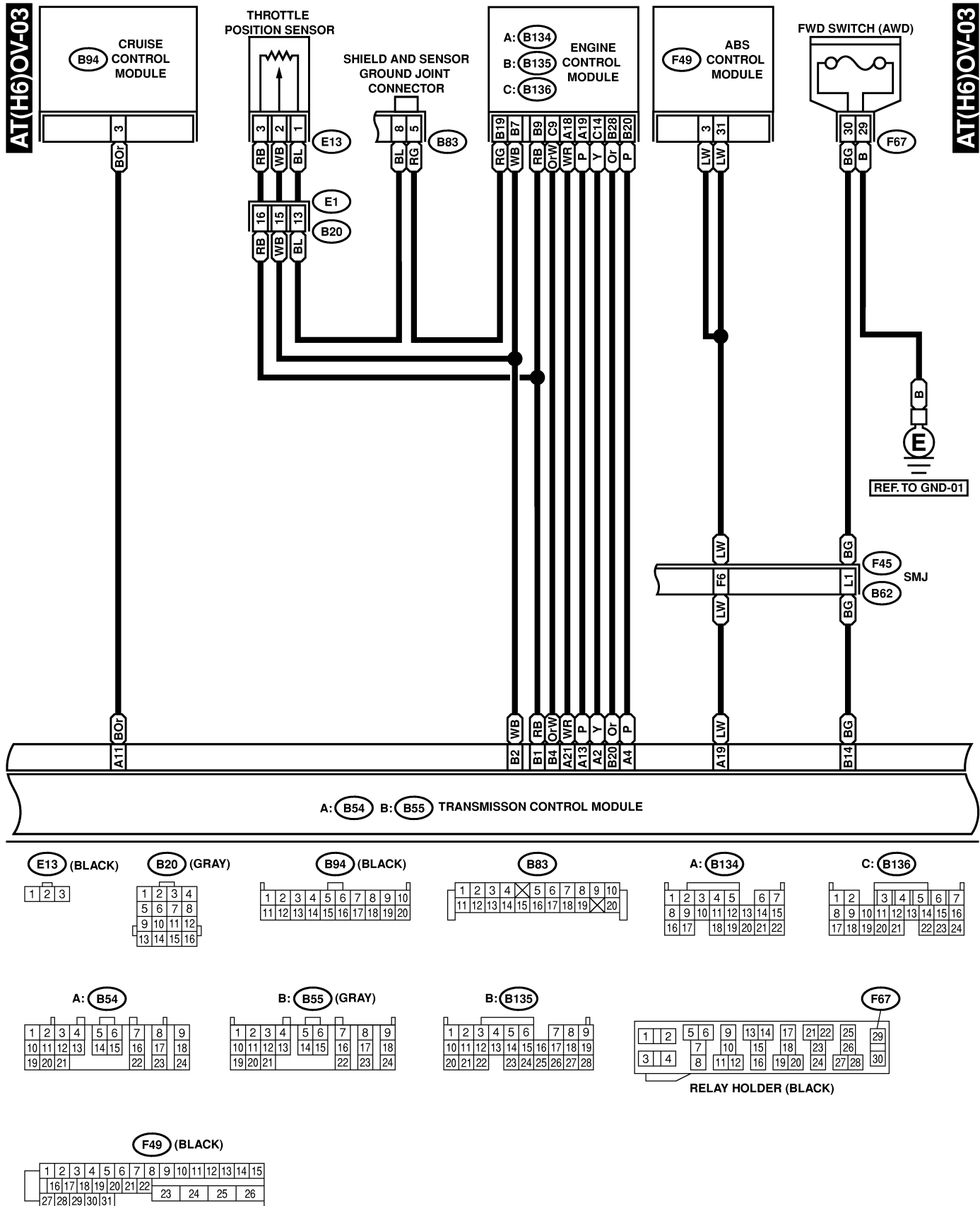
A: B54



B: B55 (GRAY)



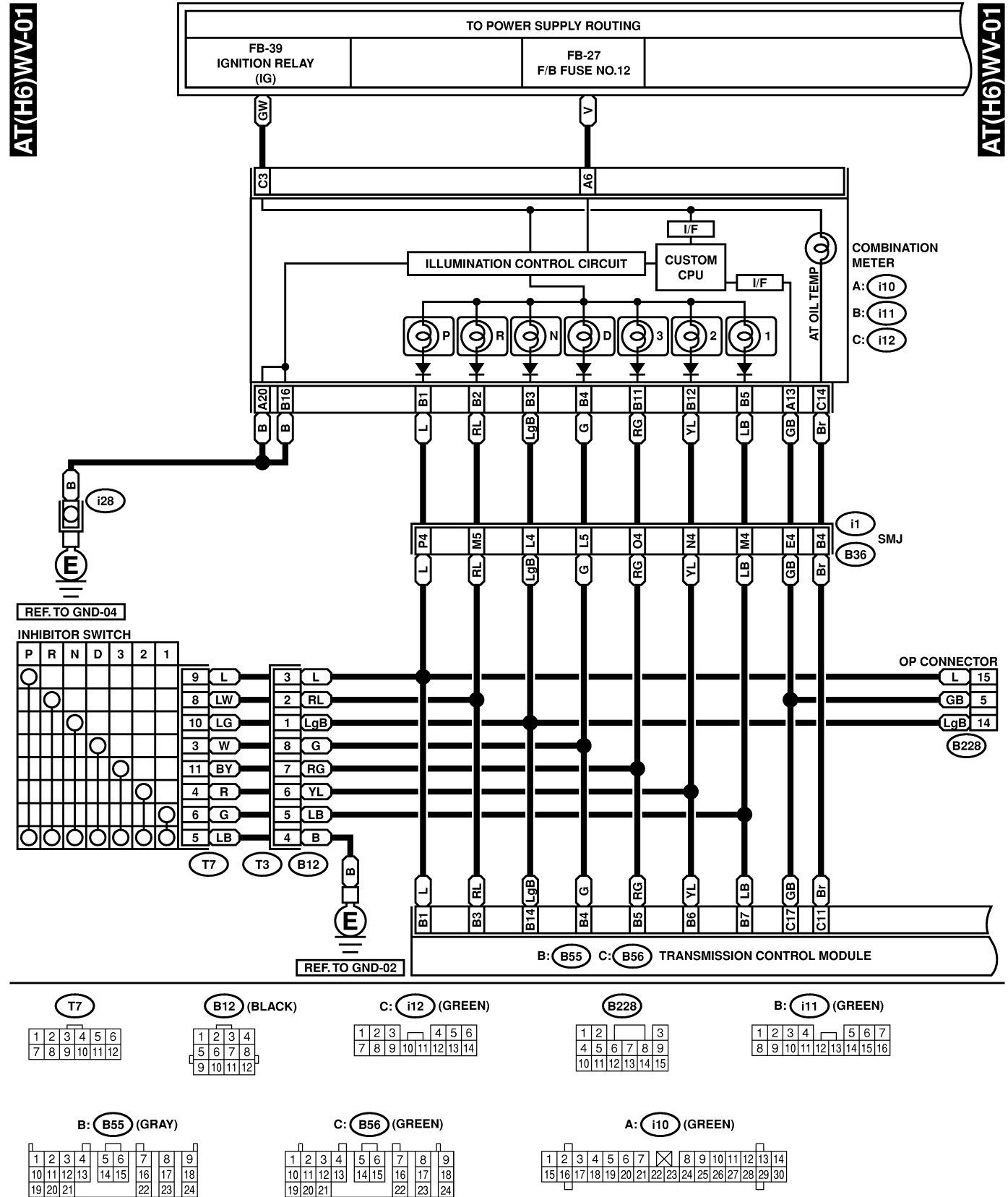
Wiring System



A/T CONTROL SYSTEM

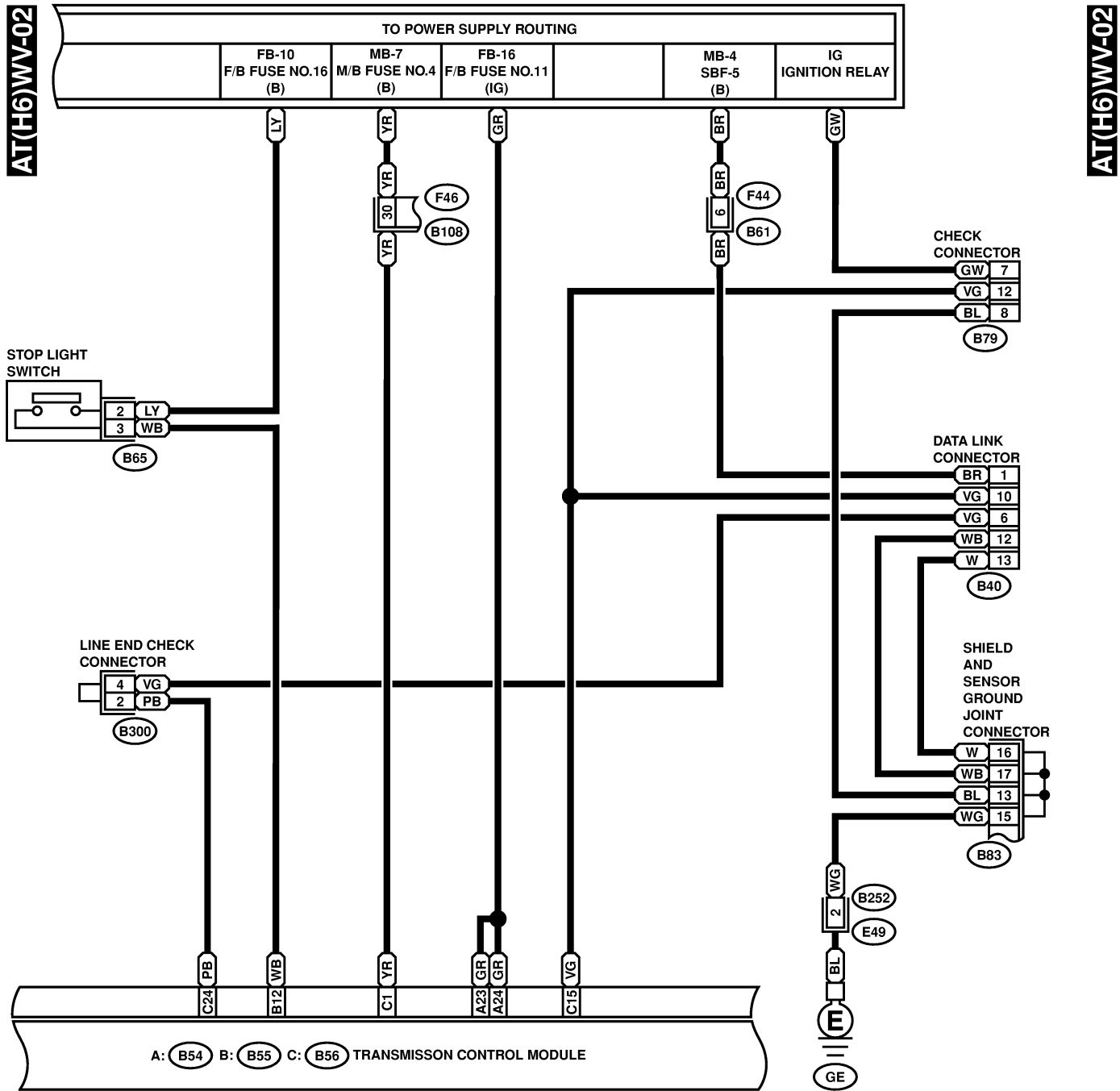
Wiring System

3. 6-CYLINDER ENGINE WITH VDC MODEL S903485A2105



A/T CONTROL SYSTEM

Wiring System



B65 (BLACK)

1	2
3	4

B300

1	2	3
4	5	6

B252 (DARK GRAY)

1	2	3	4
5	6	7	8

F44

1	2	3	4
5	6	7	8

B79 (GRAY)

1	2	3	4	5	6	7
8	9	10	11	12	13	14

B40

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

B83

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

A: B54

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27

B: B55 (GRAY)

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27

C: B56 (GREEN)

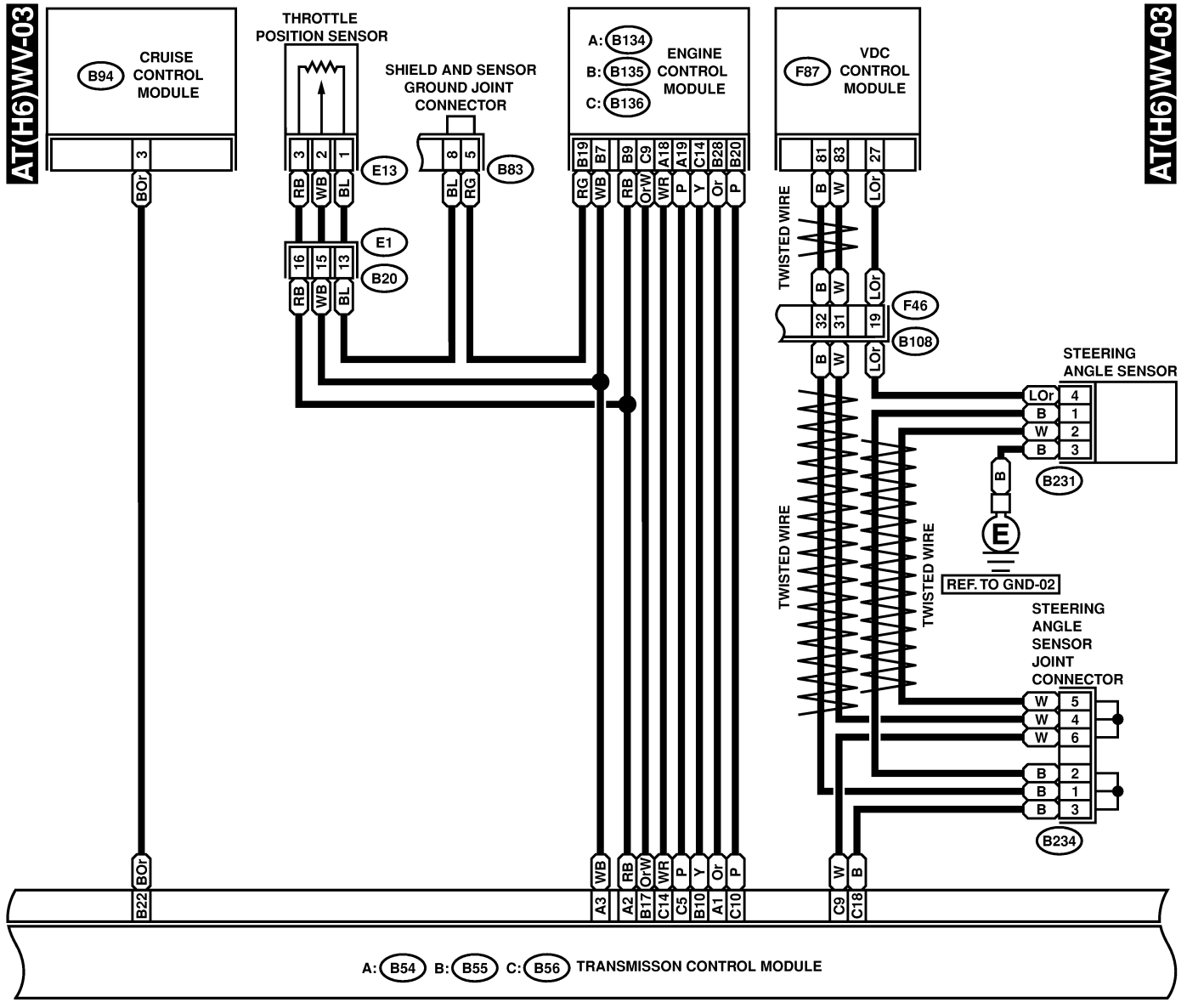
1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27

F46

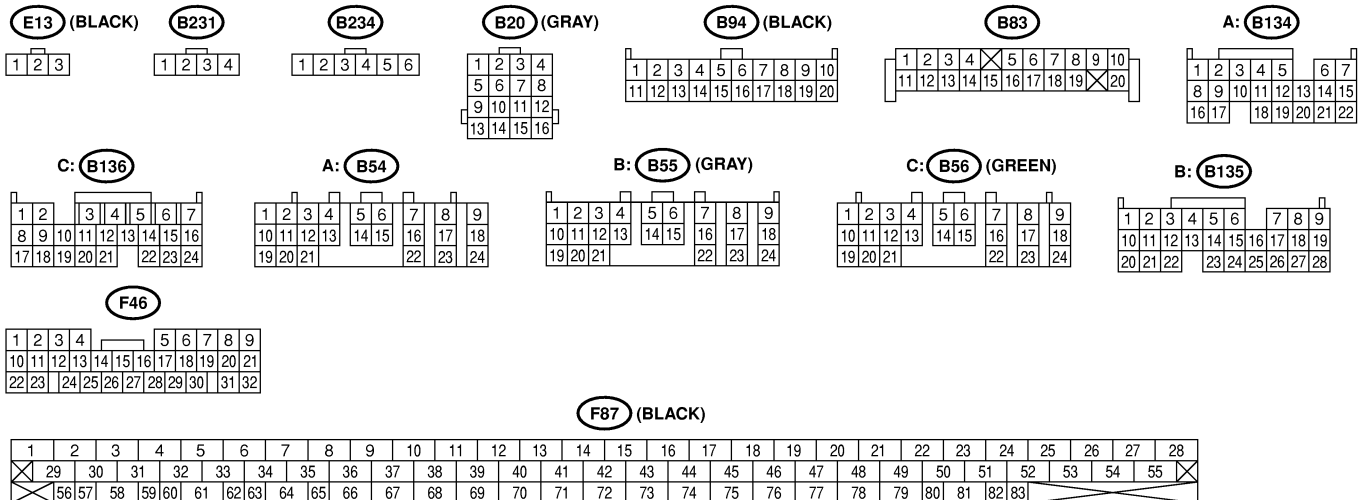
1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32	33	34	35	36

A/T CONTROL SYSTEM

Wiring System



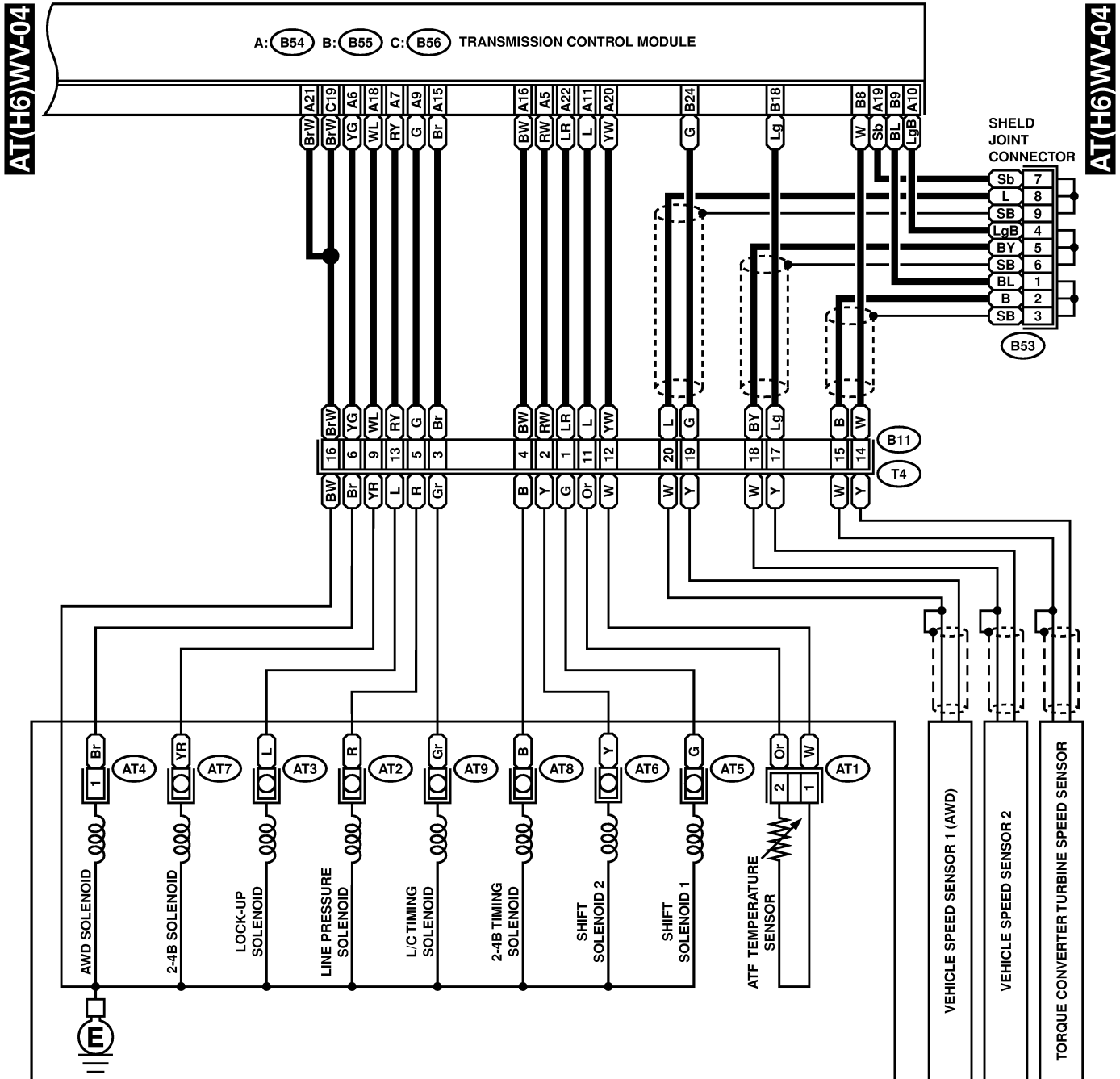
AT(H6)WV-03



BU41-28C

A/T CONTROL SYSTEM

Wiring System



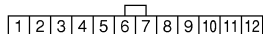
AT4 (BROWN)



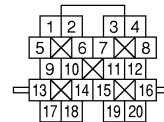
AT1 (GRAY)



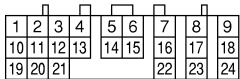
B53 (BLACK)



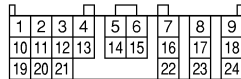
B11 (BLACK)



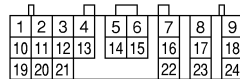
A: B54



B: B55 (GRAY)



C: B56 (GREEN)

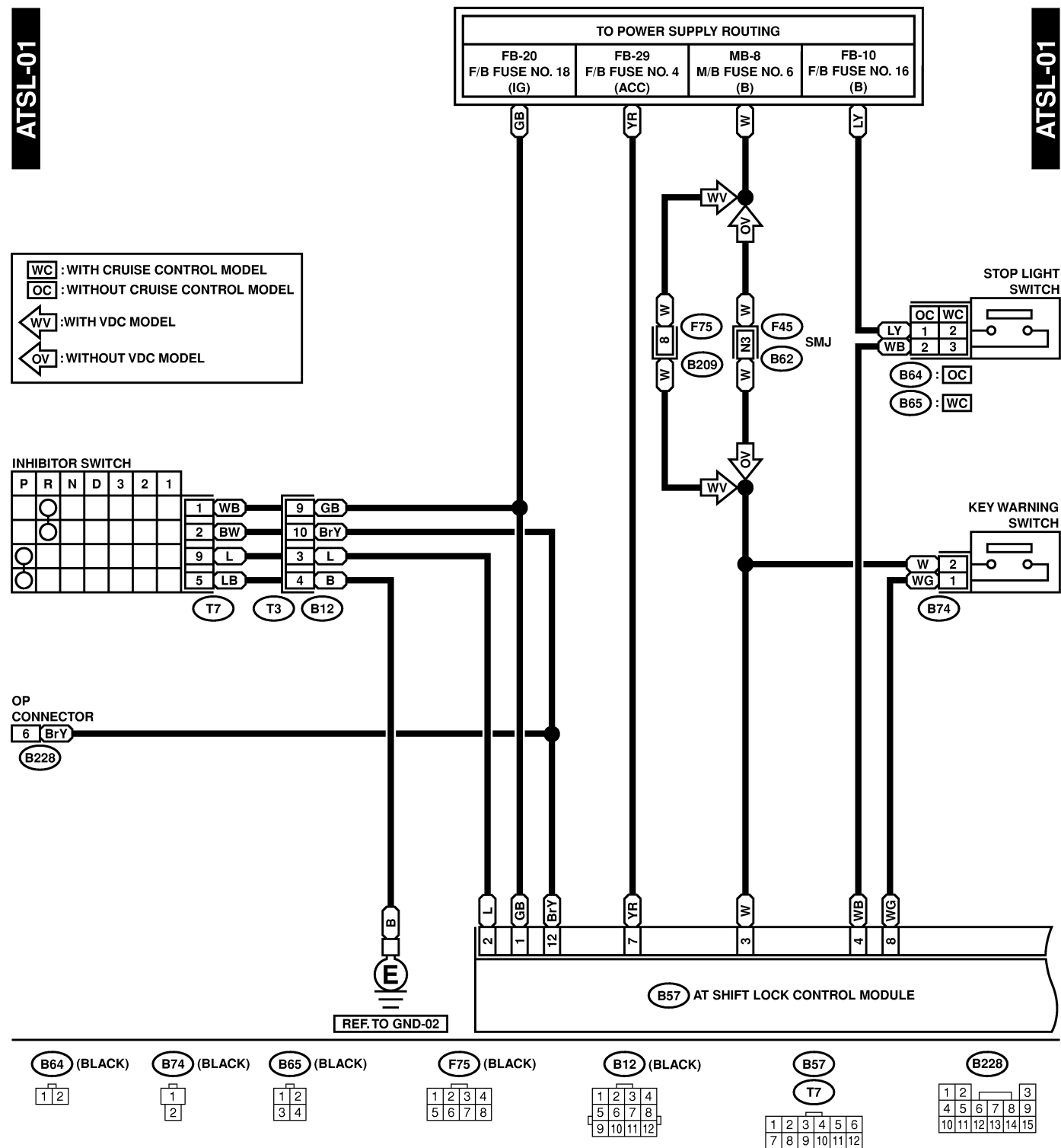


A/T SHIFT LOCK CONTROL SYSTEM

Wiring System

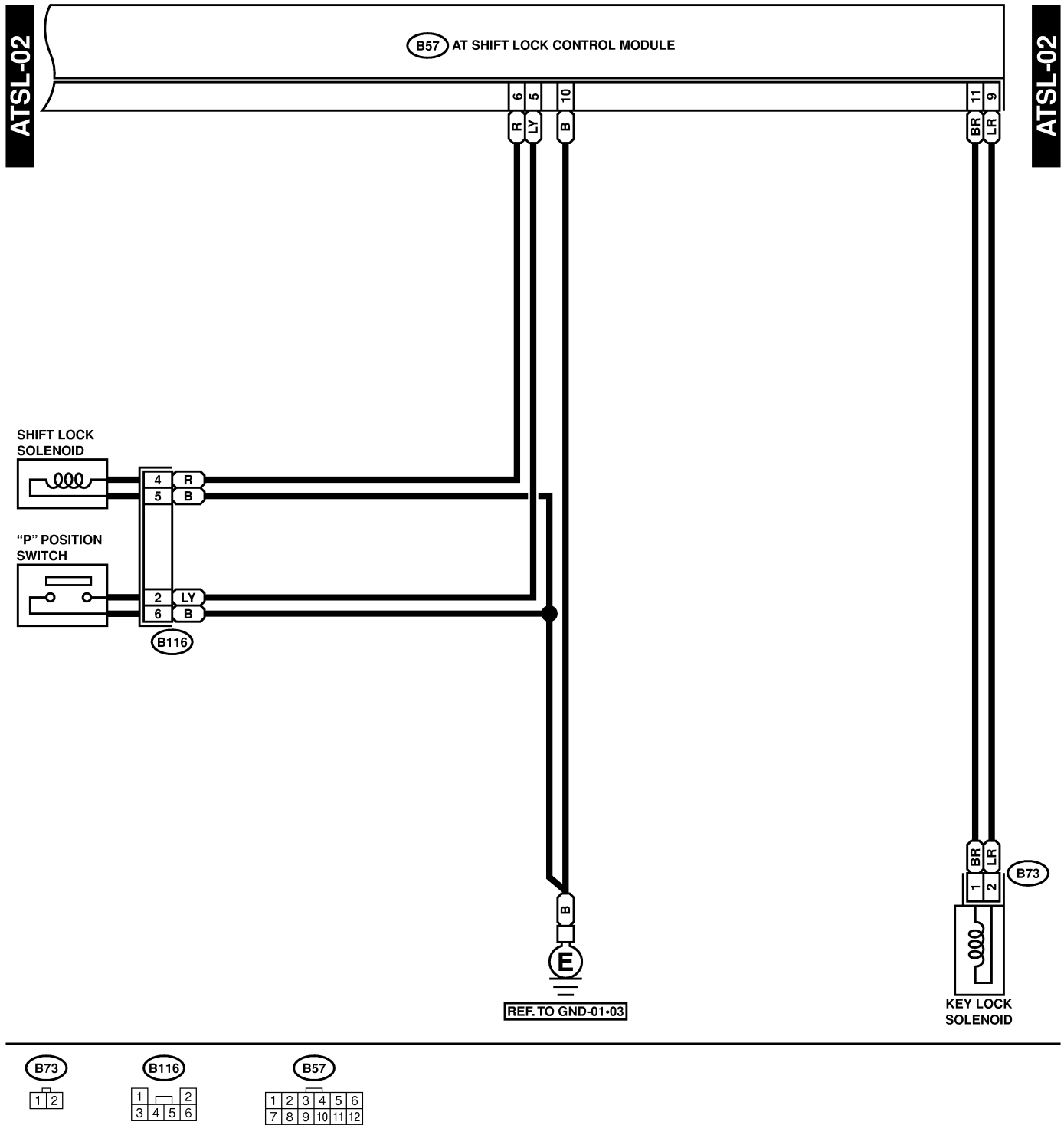
11. A/T Shift Lock Control System S903662

A: SCHEMATIC S903662A21



A/T SHIFT LOCK CONTROL SYSTEM

Wiring System



AUDIO SYSTEM

Wiring System

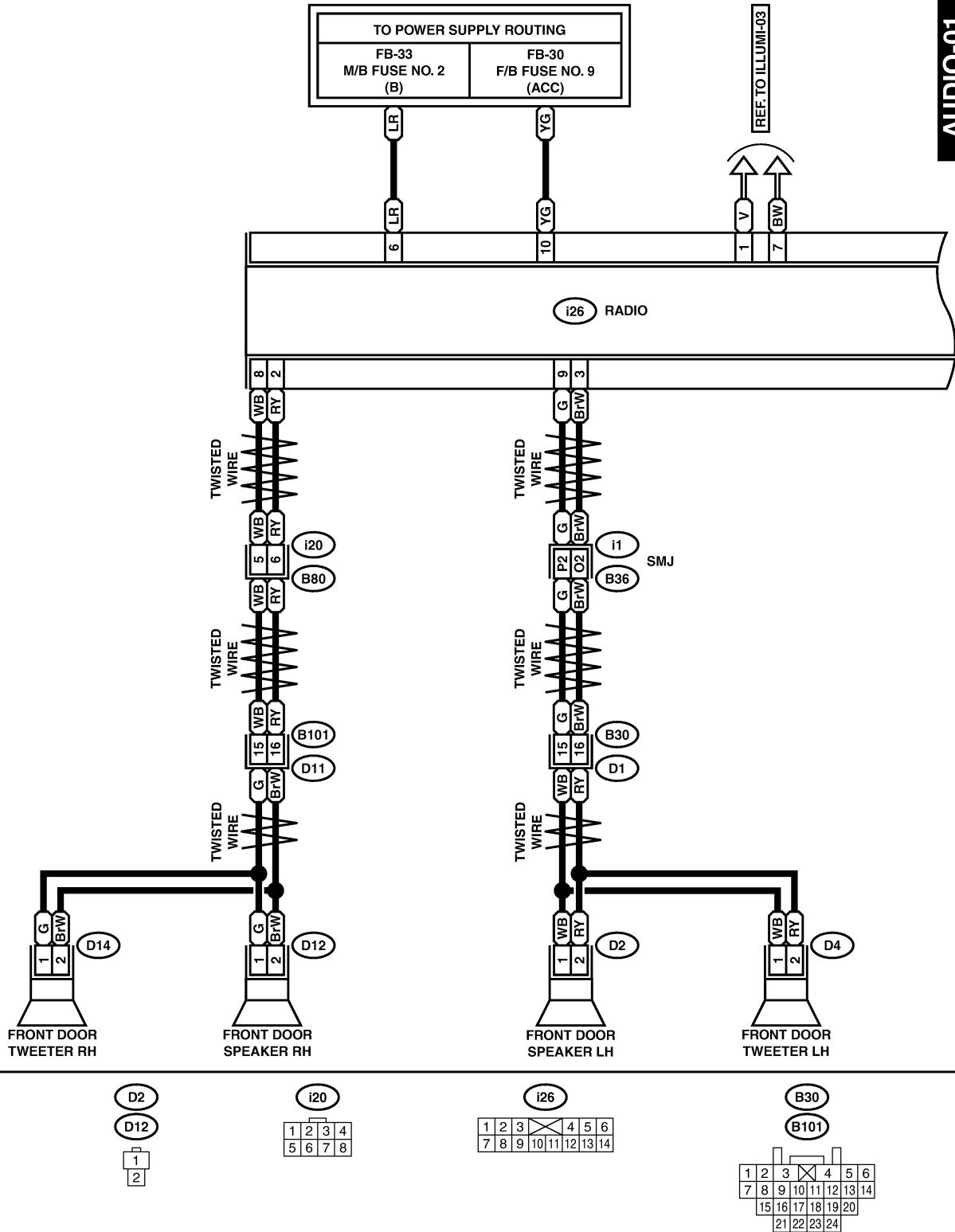
12. Audio System S903486

A: SCHEMATIC S903486A21

1. EXCEPT MCINTOSH AUDIO MODEL S903486A2103

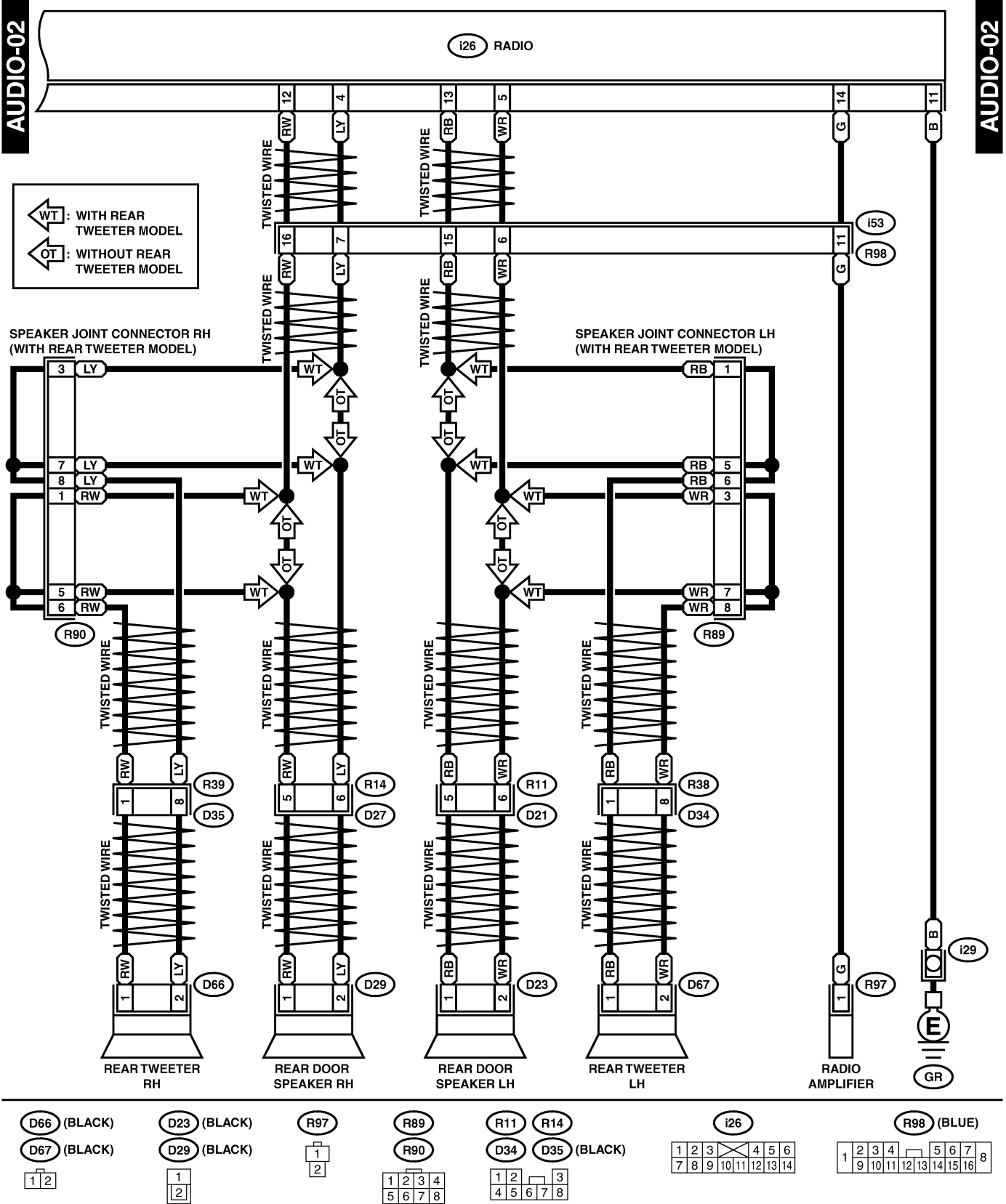
AUDIO-01

AUDIO-01



AUDIO SYSTEM

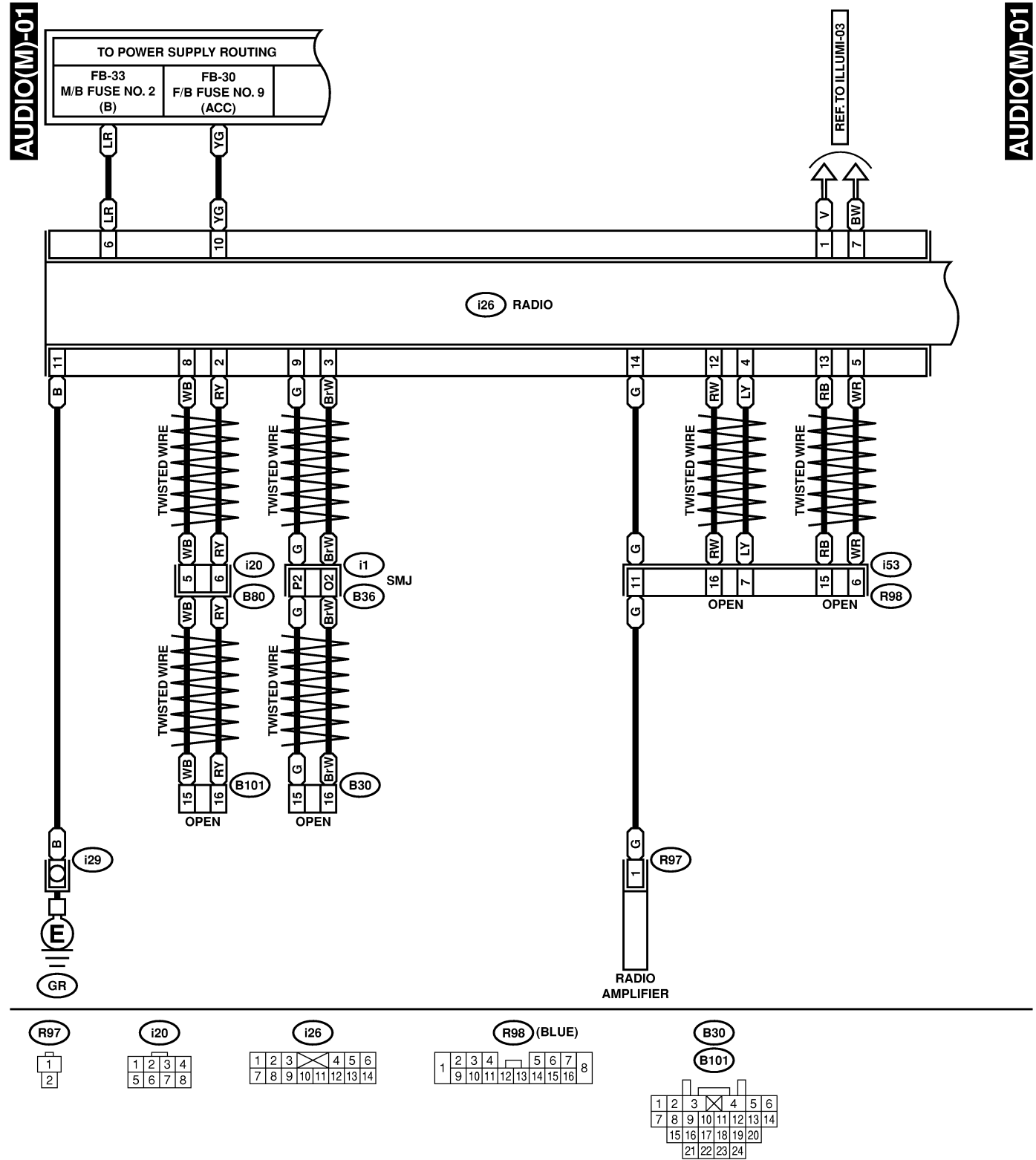
Wiring System



AUDIO SYSTEM

Wiring System

2. MCINTOSH AUDIO MODEL S903486A2104



Wiring System

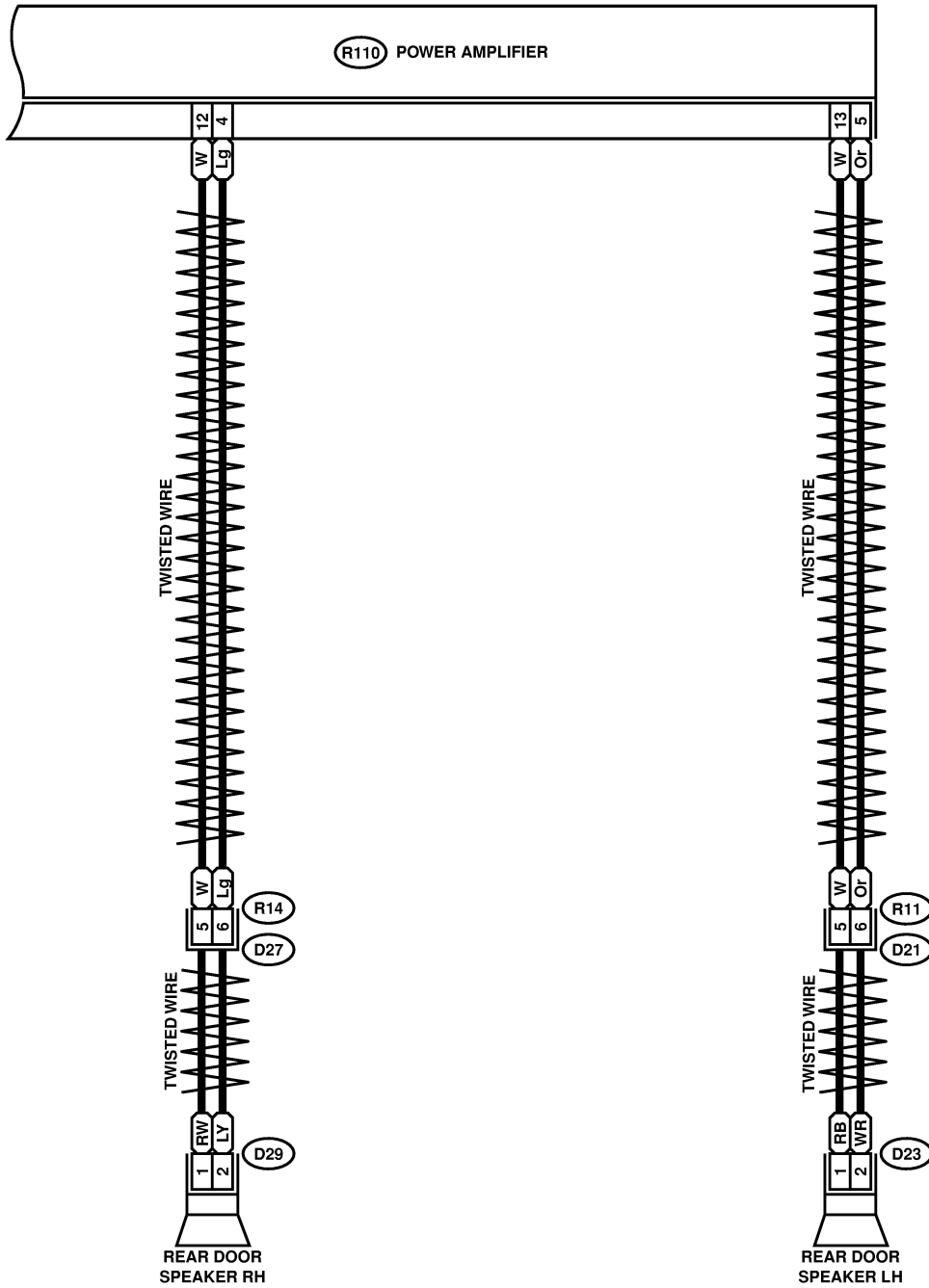


AUDIO SYSTEM

Wiring System

AUDIO(M)-03

AUDIO(M)-03



SD : SEDAN
WG : WAGON

D23 (BLACK)

D29 (BLACK)

1
2

R11

R14

1	2		3
4	5	6	7

R110 (GREEN) : SD

(NON-COLORED) : WG

1	2	3	4	5	6
7	8	9	10	11	12
13	14				

A: SCHEMATIC *S903487A21*



COMBINATION METER

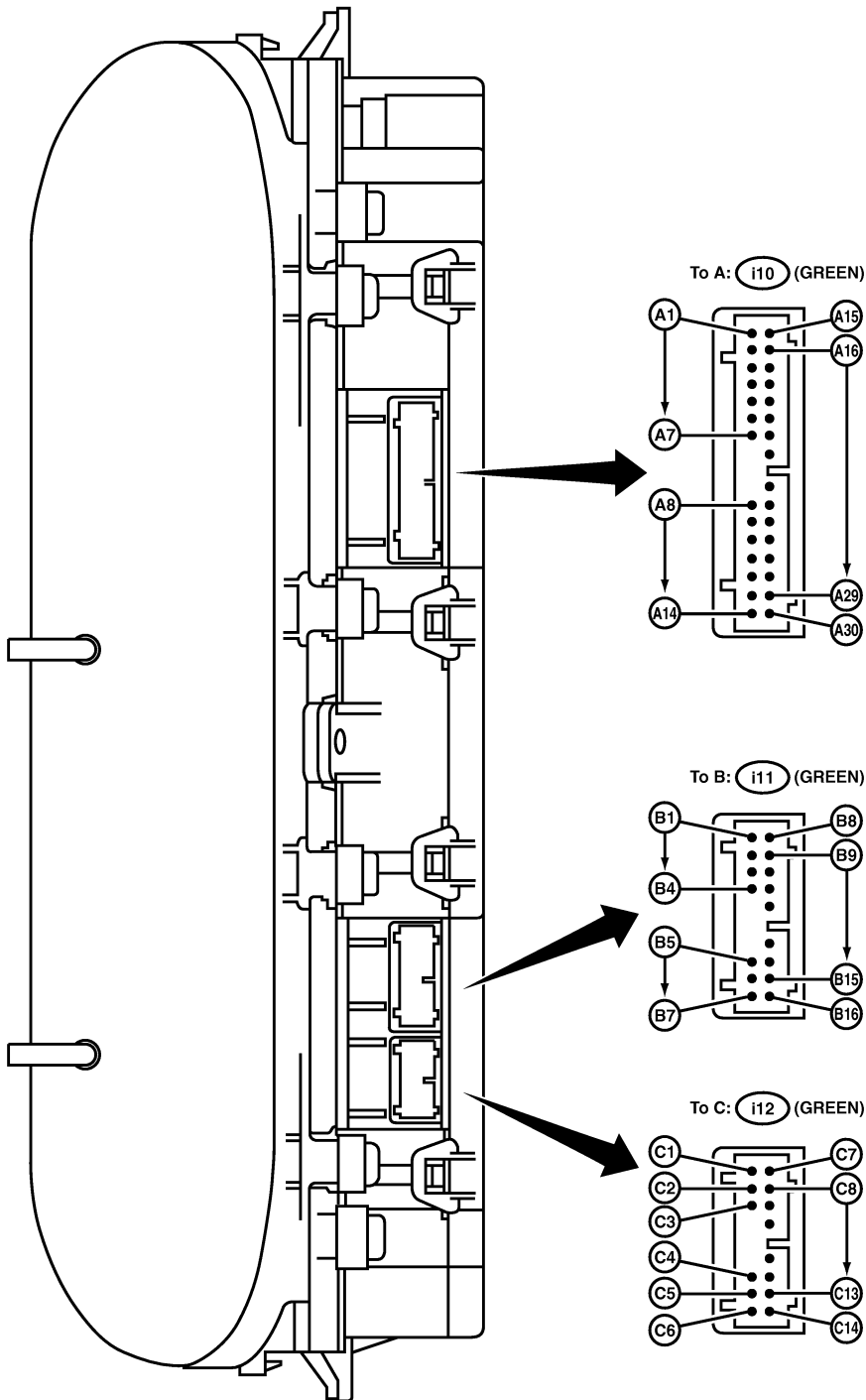
Wiring System

14. Combination Meter

A: SCHEMATIC

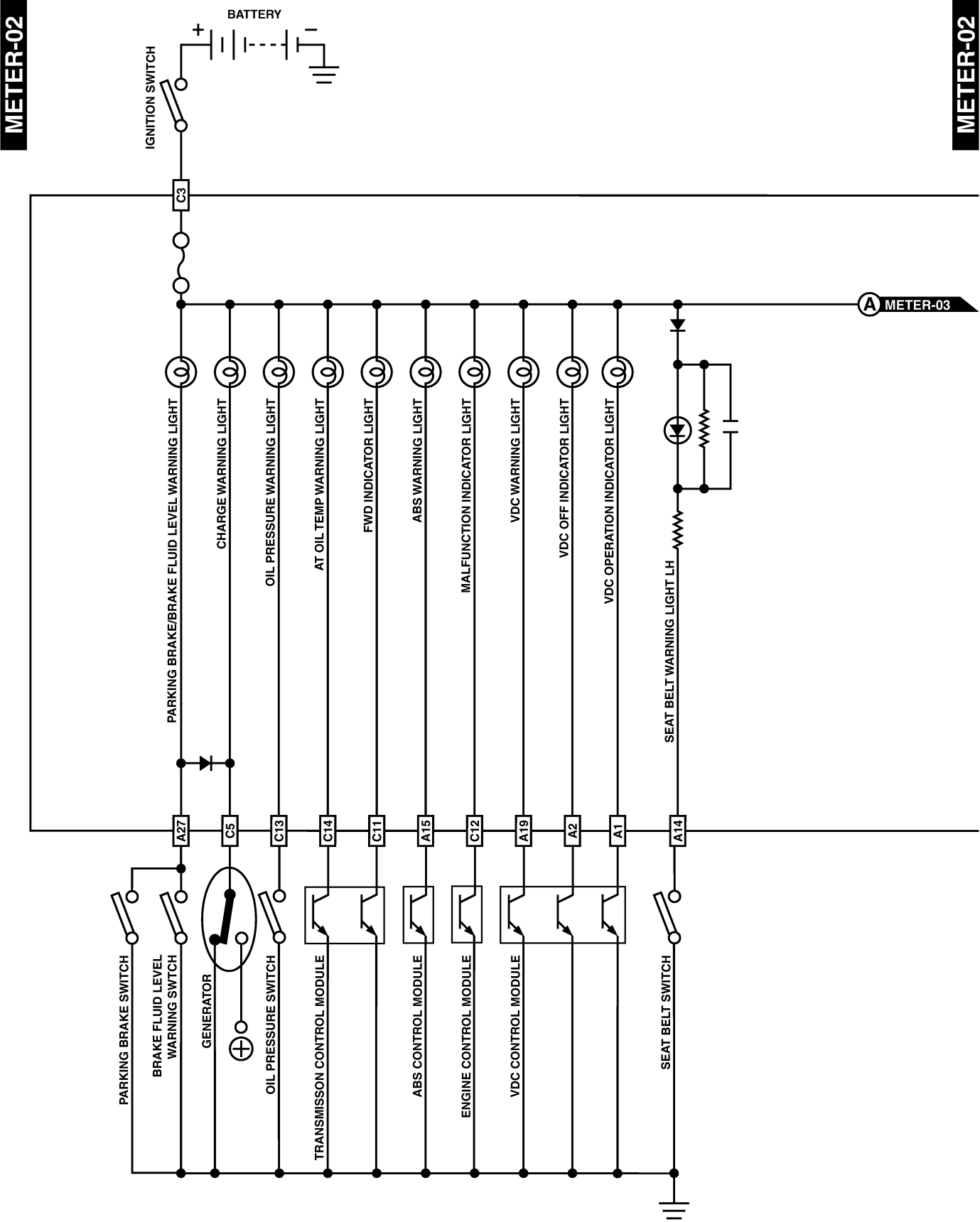
METER-01

METER-01



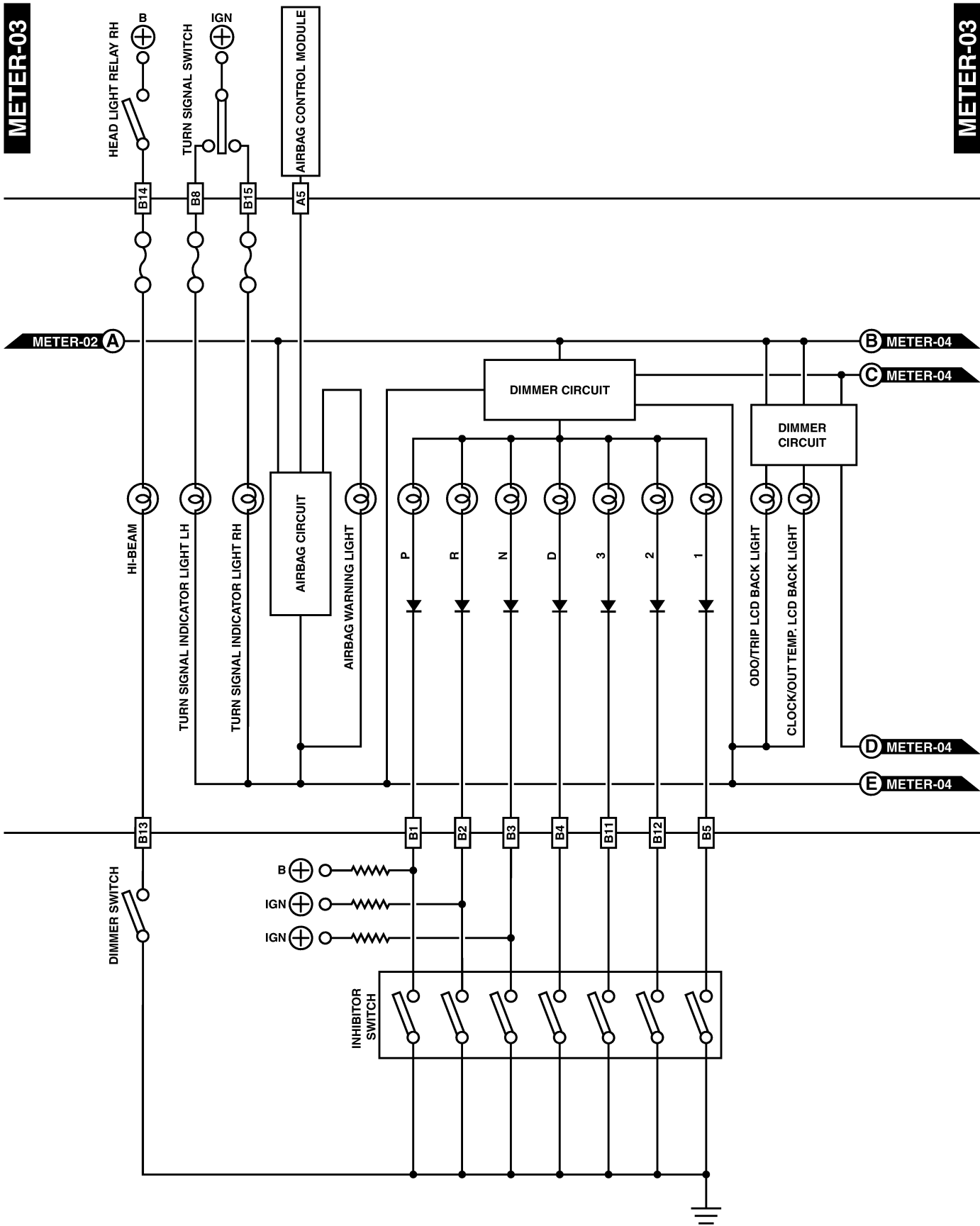
COMBINATION METER

Wiring System

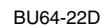


COMBINATION METER

Wiring System

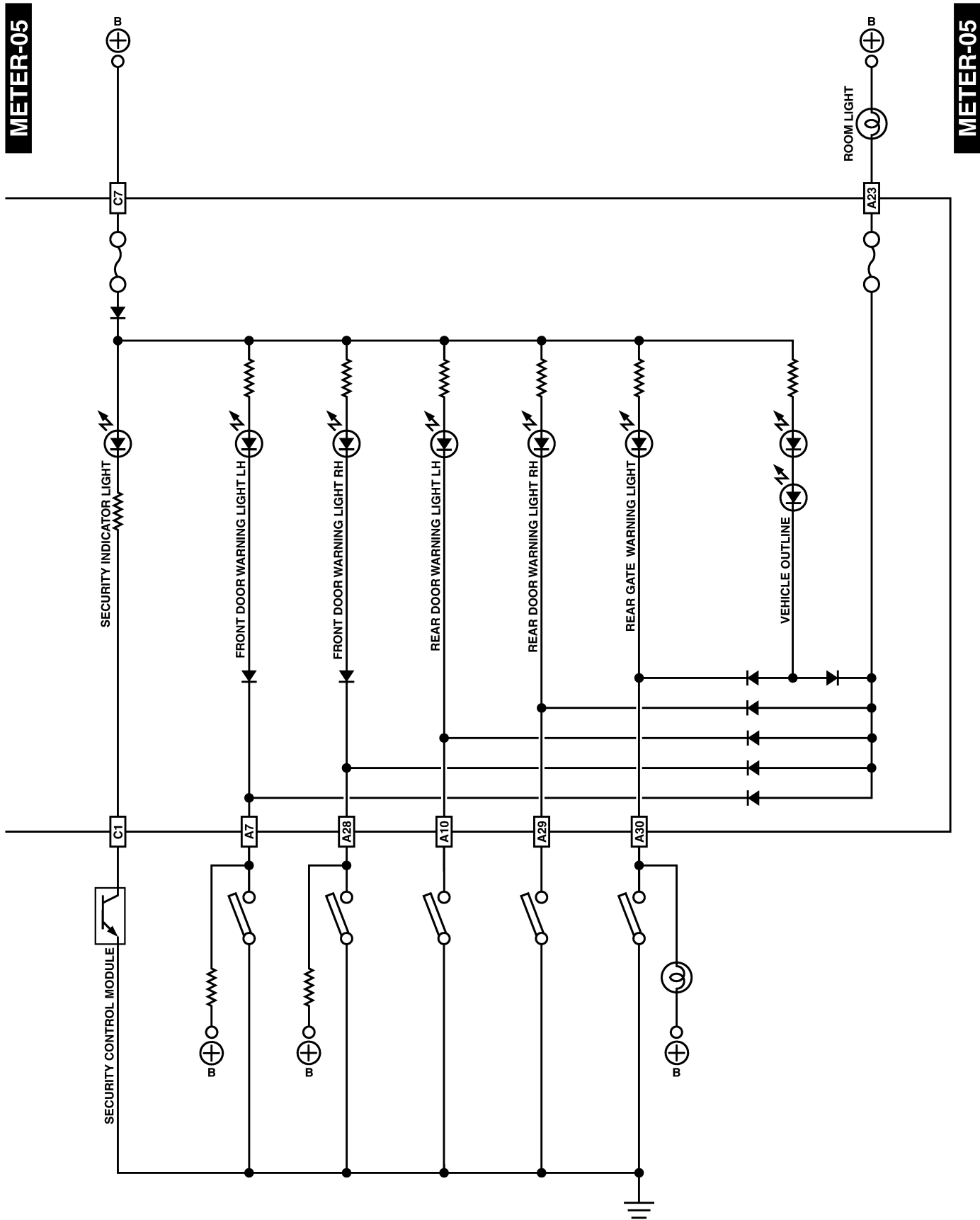


Wiring System



COMBINATION METER

Wiring System



COMBINATION METER

Wiring System

MEMO:

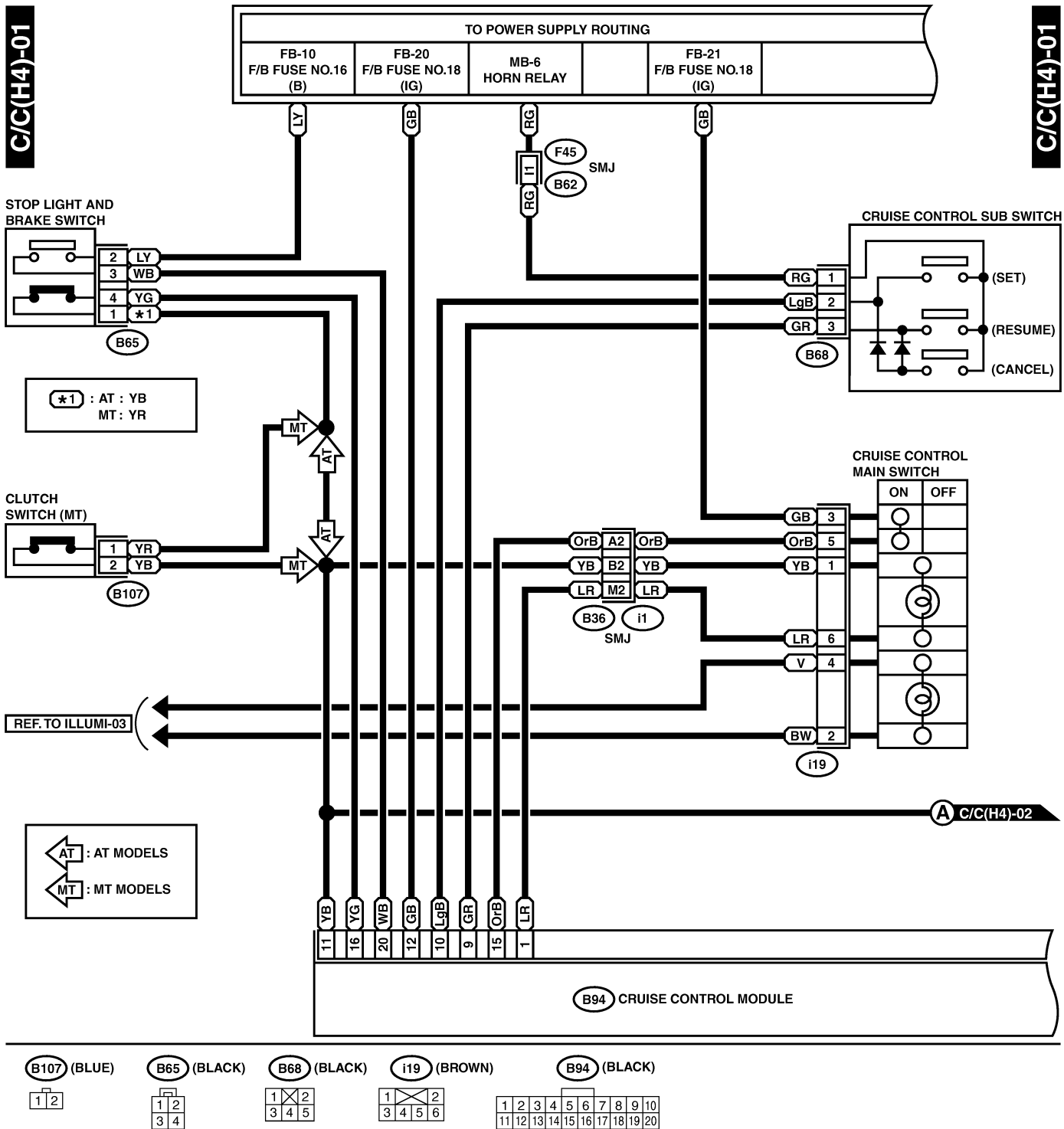
CRUISE CONTROL SYSTEM

Wiring System

15. Cruise Control System S903495

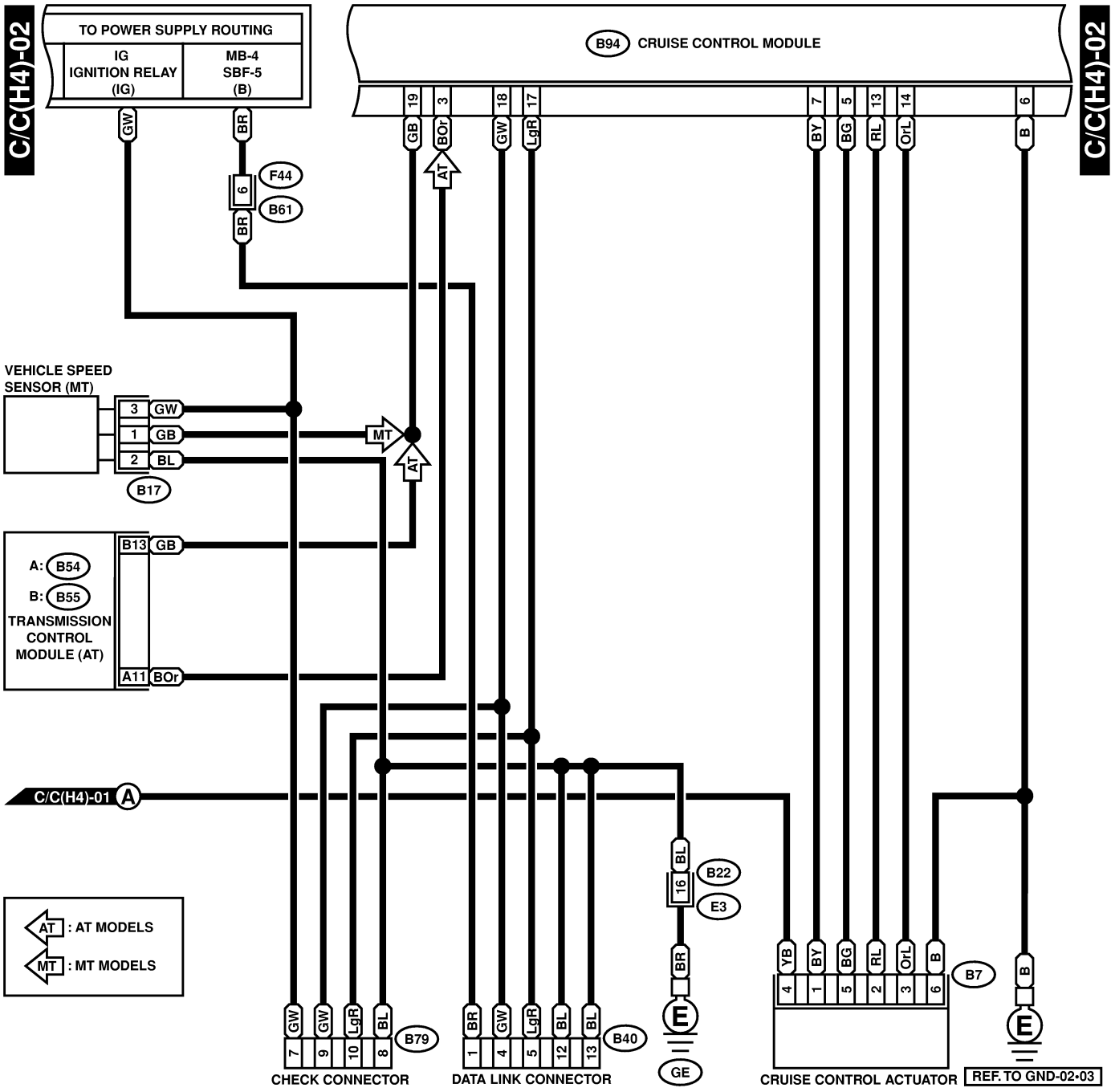
A: SCHEMATIC S903495A21

1. 4-CYLINDER ENGINE MODEL S903495A2103



CRUISE CONTROL SYSTEM

Wiring System



B17 (BLACK)

1	2	3
---	---	---

B7 (BLACK)

1	2	3
4	5	6

F44

1	2	3	4
5	6	7	8

B79 (GRAY)

1	2	3	4	5	6	7
8	9	10	11	12	13	14

B40

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

B22 (BROWN)

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

B94 (BLACK)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

A: B54

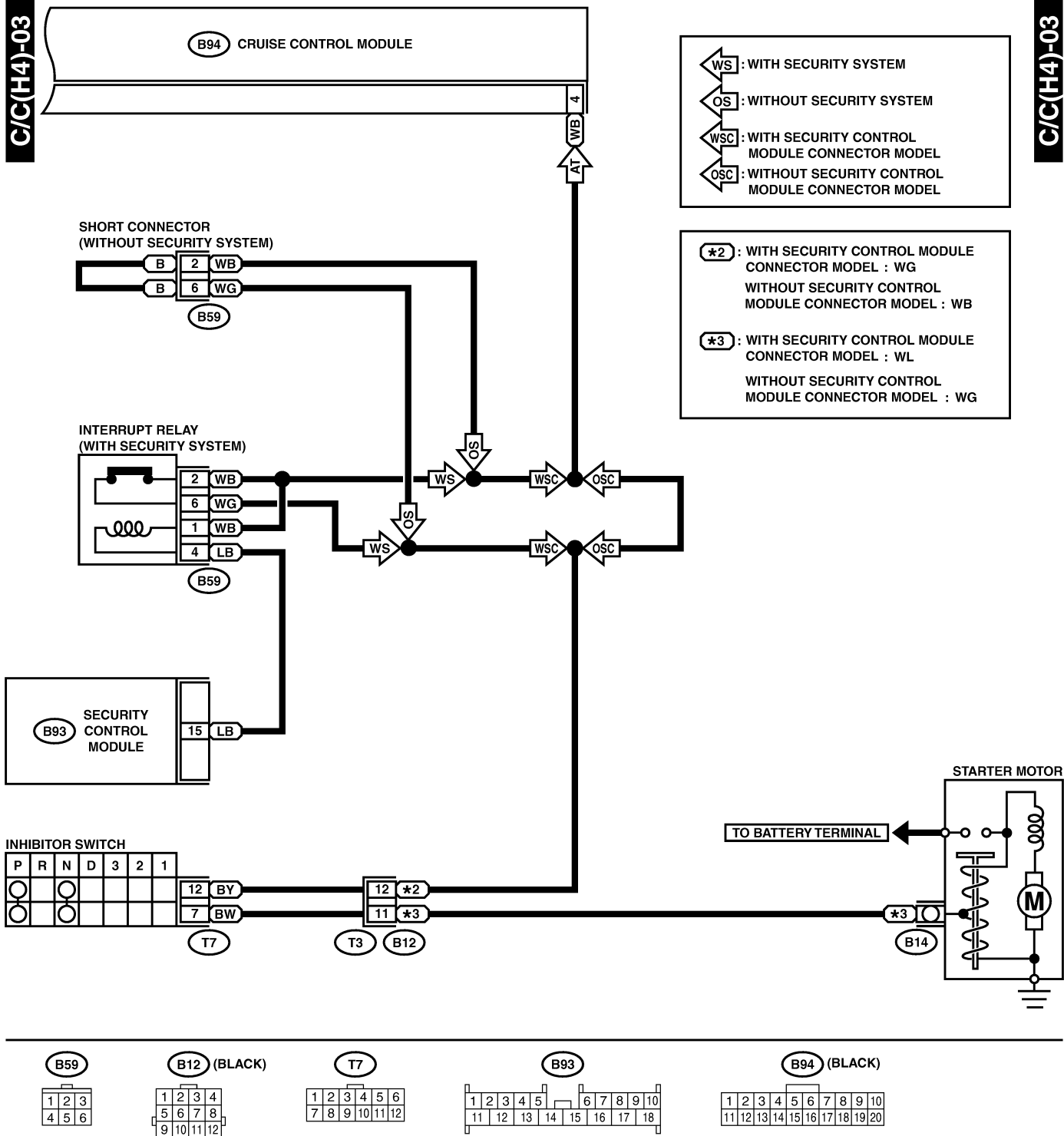
1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21				22	23	24

B: B55 (GRAY)

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21				22	23	24

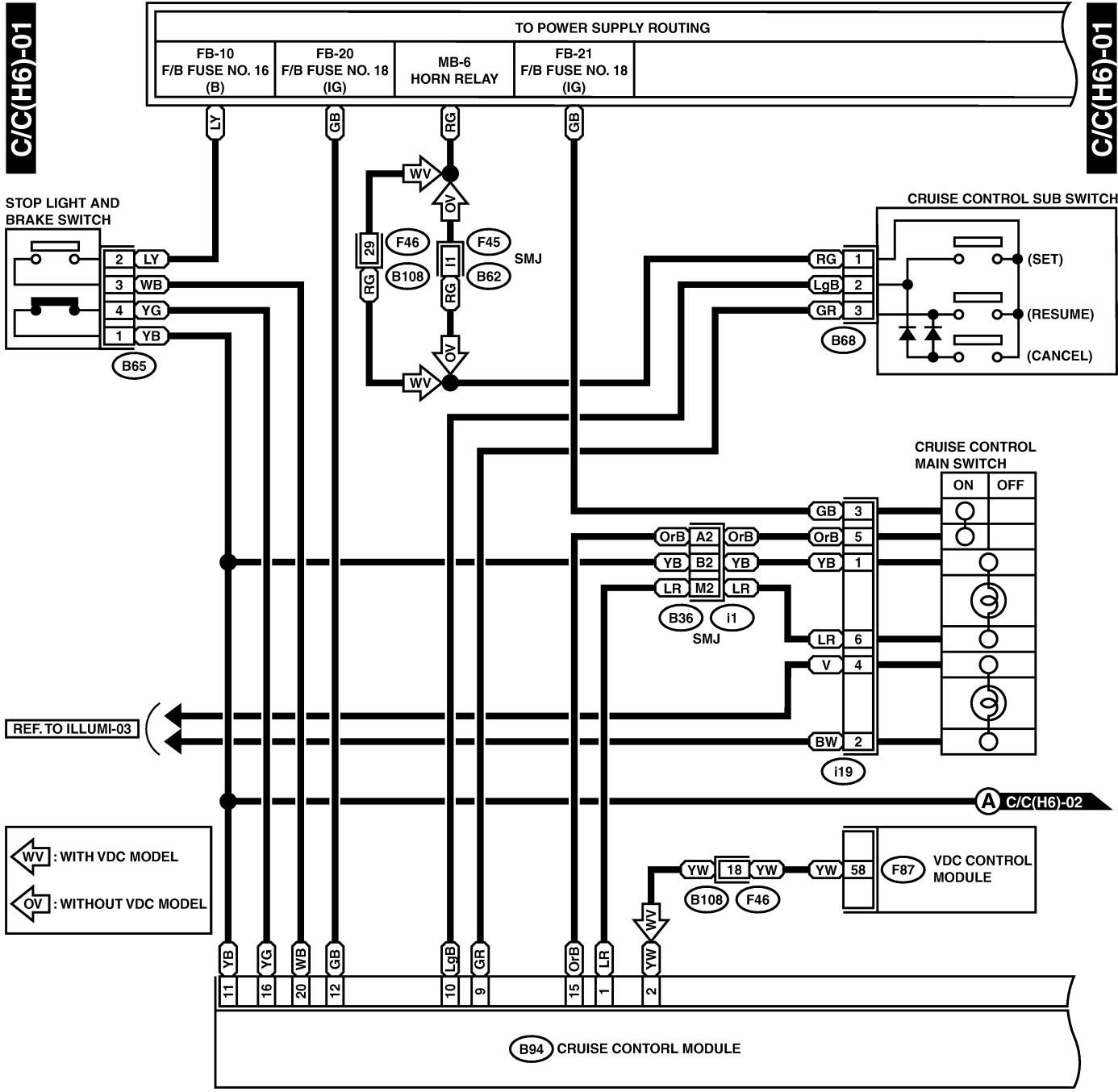
CRUISE CONTROL SYSTEM

Wiring System



2. 6-CYLINDER ENGINE MODEL

S903495A2104



B65

(BLACK)

1

2

3

4

B68

(BLACK)

1

2

3

4

5

i19

(BROWN)

1

2

3

4

5

6

B94

(BLACK)

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

F46

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

F87

(BLACK)

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

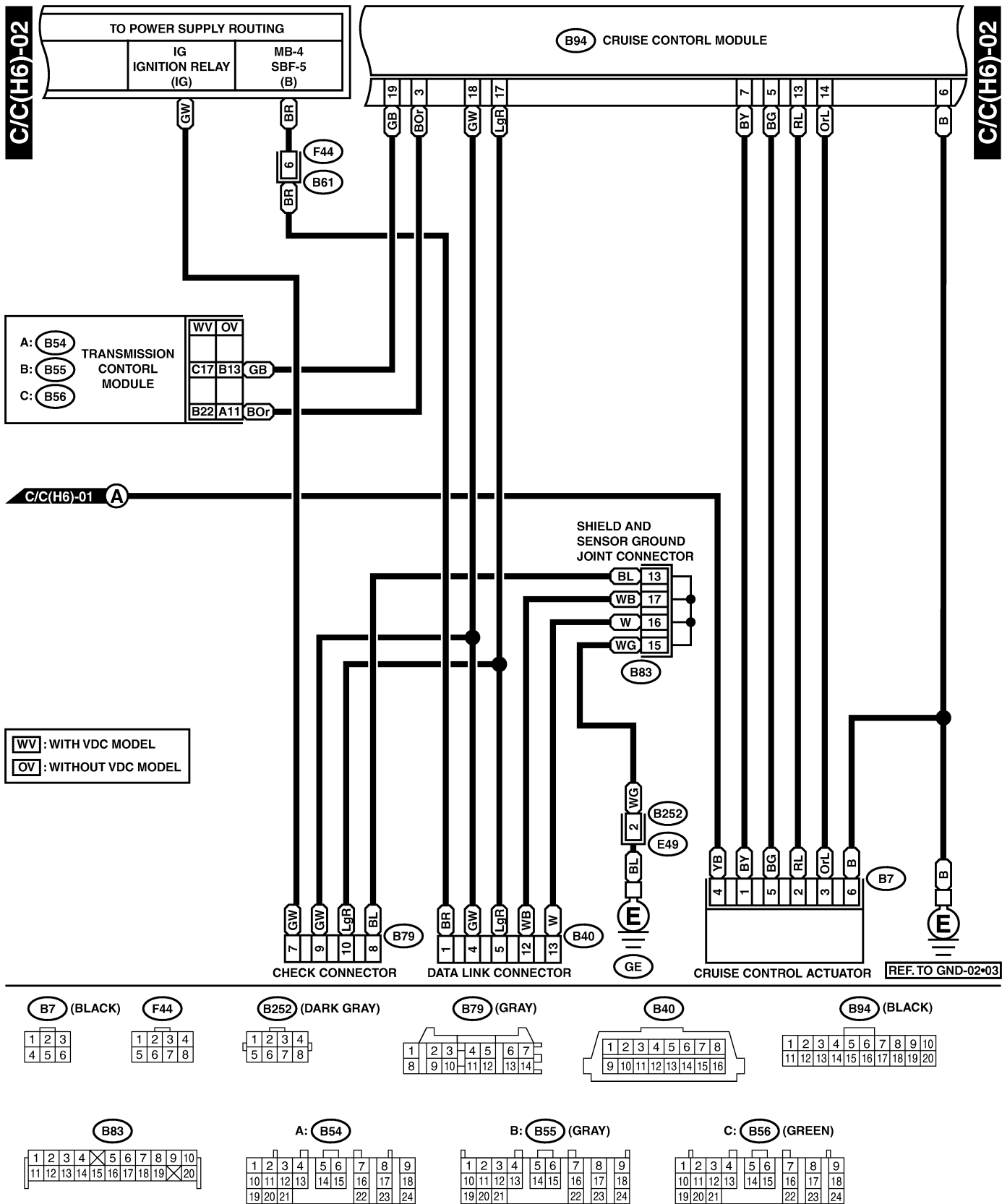
81

82

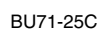
83

CRUISE CONTROL SYSTEM

Wiring System



Wiring System



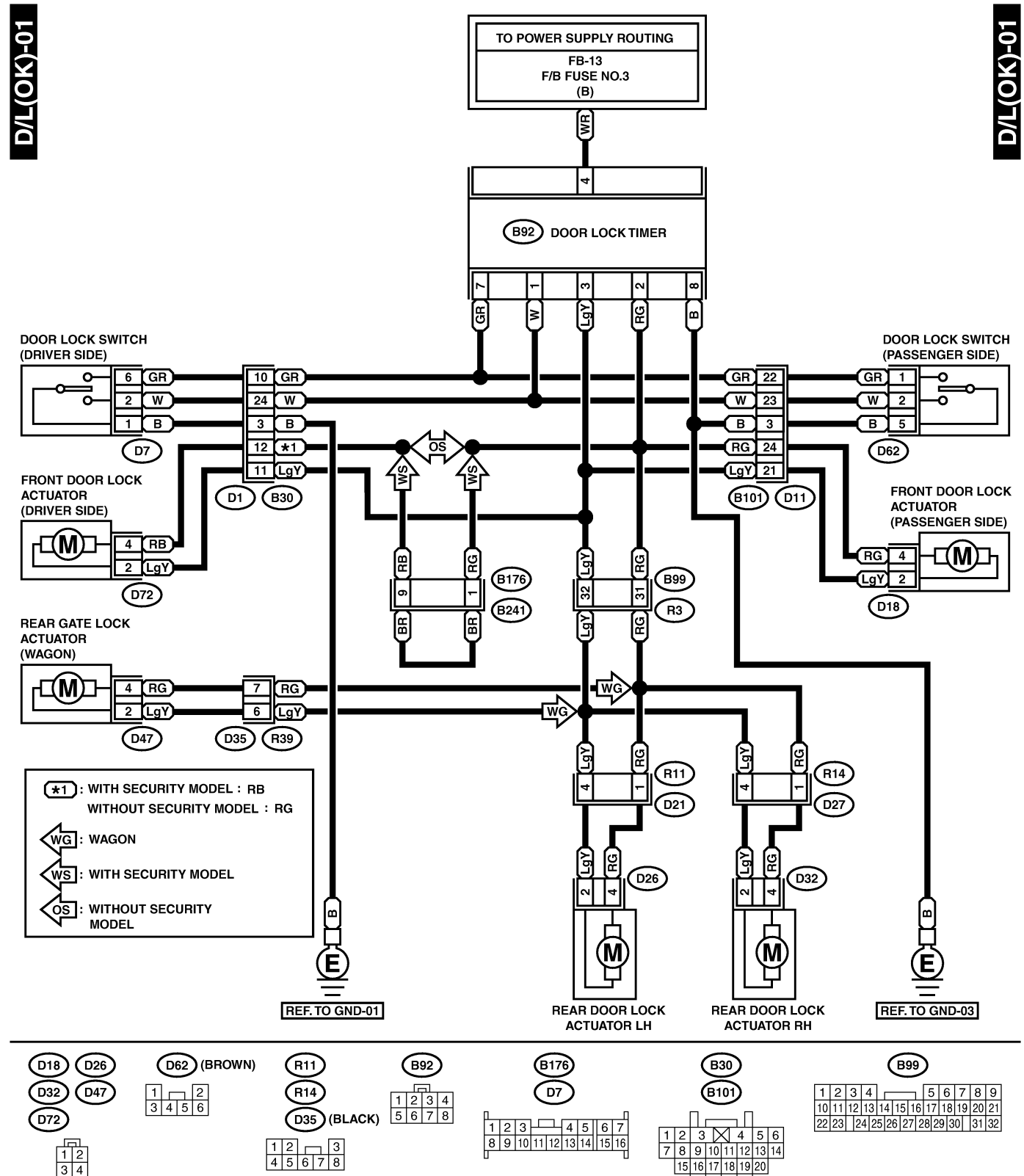
DOOR LOCK SYSTEM

Wiring System

16. Door Lock System S903490

A: SCHEMATIC S903490A21

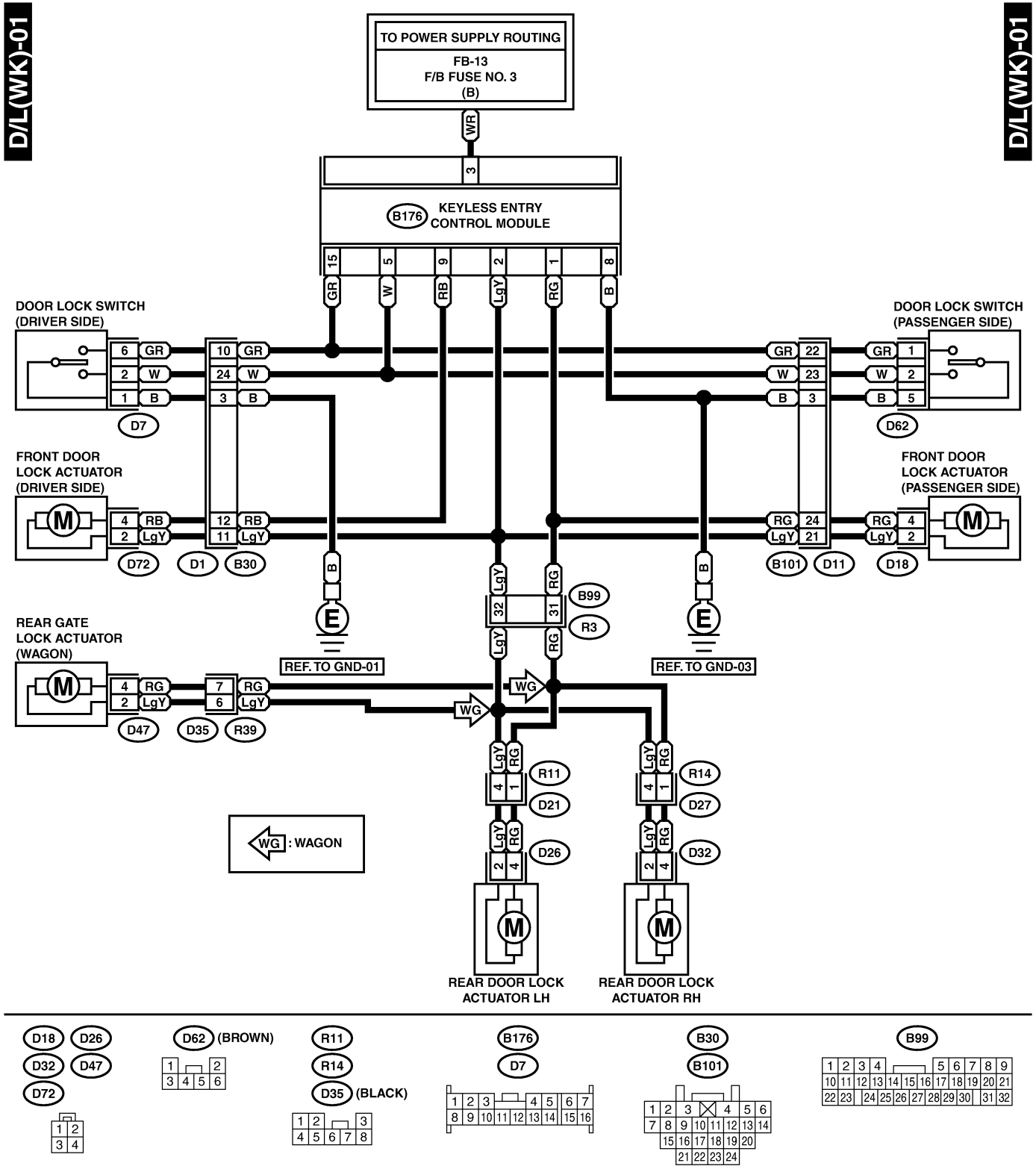
1. WITHOUT KEYLESS ENTRY MODEL S903490A2103



DOOR LOCK SYSTEM

Wiring System

2. WITH KEYLESS ENTRY MODEL S903490A2104



Wiring System

S90.366.3

S903663A21



ENGINE COOLANT TEMPERATURE GAUGE SYSTEM

Wiring System

MEMO:

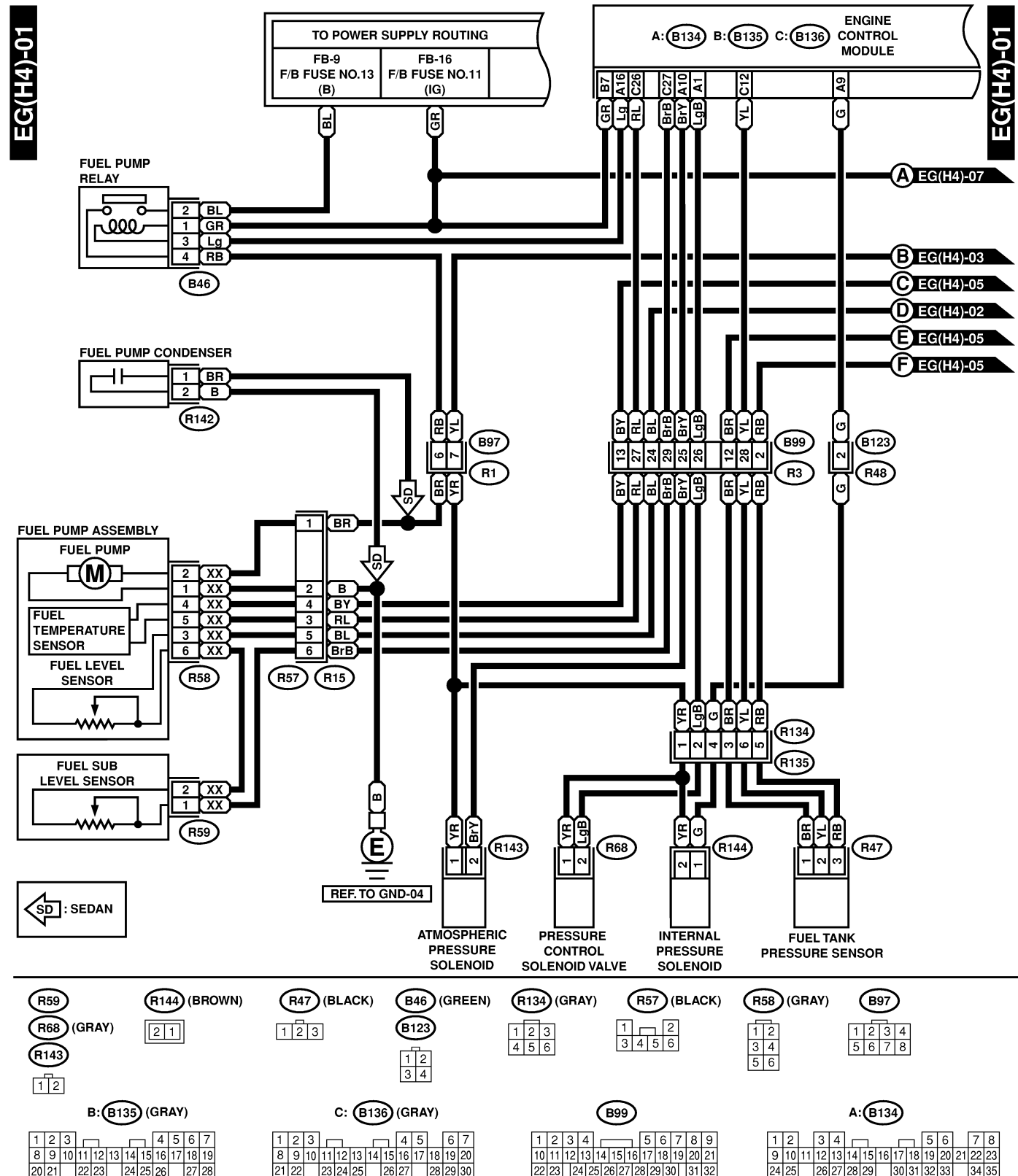
ENGINE ELECTRICAL SYSTEM

Wiring System

18. Engine Electrical System S903482

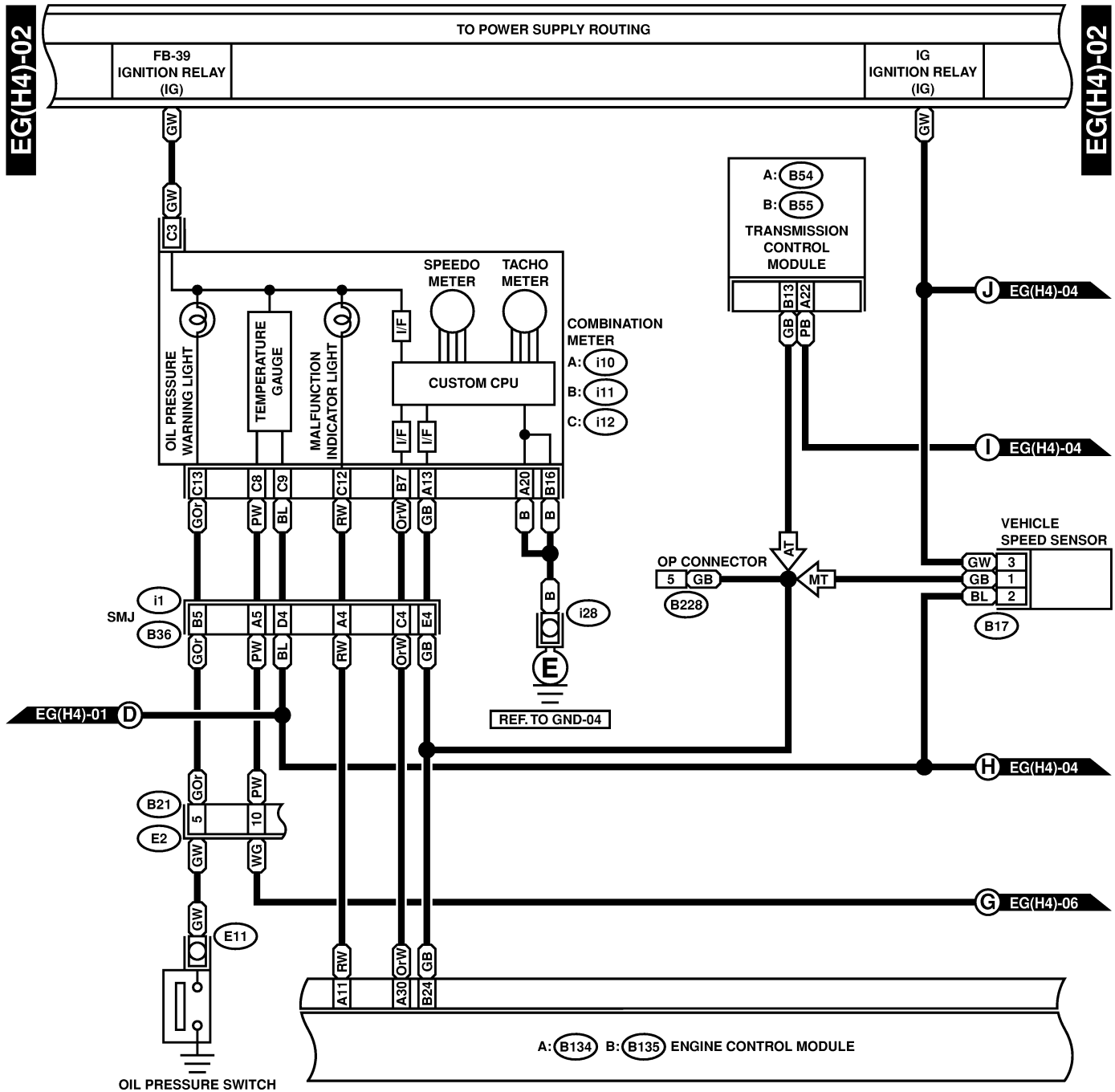
A: SCHEMATIC S903482A21

1. 4-CYLINDER ENGINE MODEL S903482A2132



ENGINE ELECTRICAL SYSTEM

Wiring System



B17 (BLACK)

1	2	3
---	---	---

C: i12 (GREEN)

1	2	3	4	5	6
7	8	9	10	11	12

B228

1	2	3	4
5	6	7	8
9	10	11	12

B: i11 (GREEN)

1	2	3	4	5	6	7
8	9	10	11	12	13	14

B21 (GRAY)

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

A: B54 (GRAY)

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27

B: B135

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21

A: i10 (GREEN)

1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28

A: B134

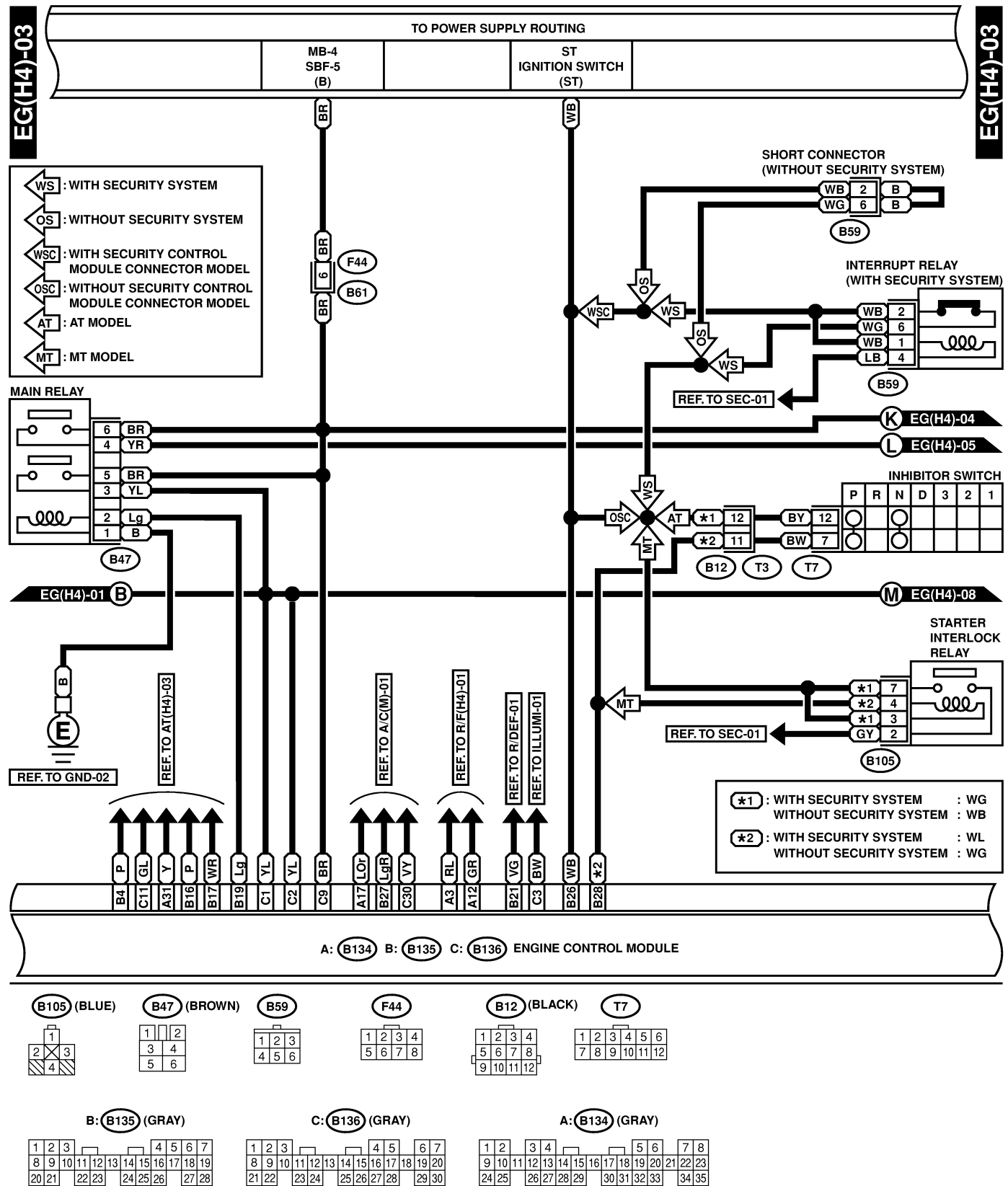
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24

B: B55 (GRAY)

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27

ENGINE ELECTRICAL SYSTEM

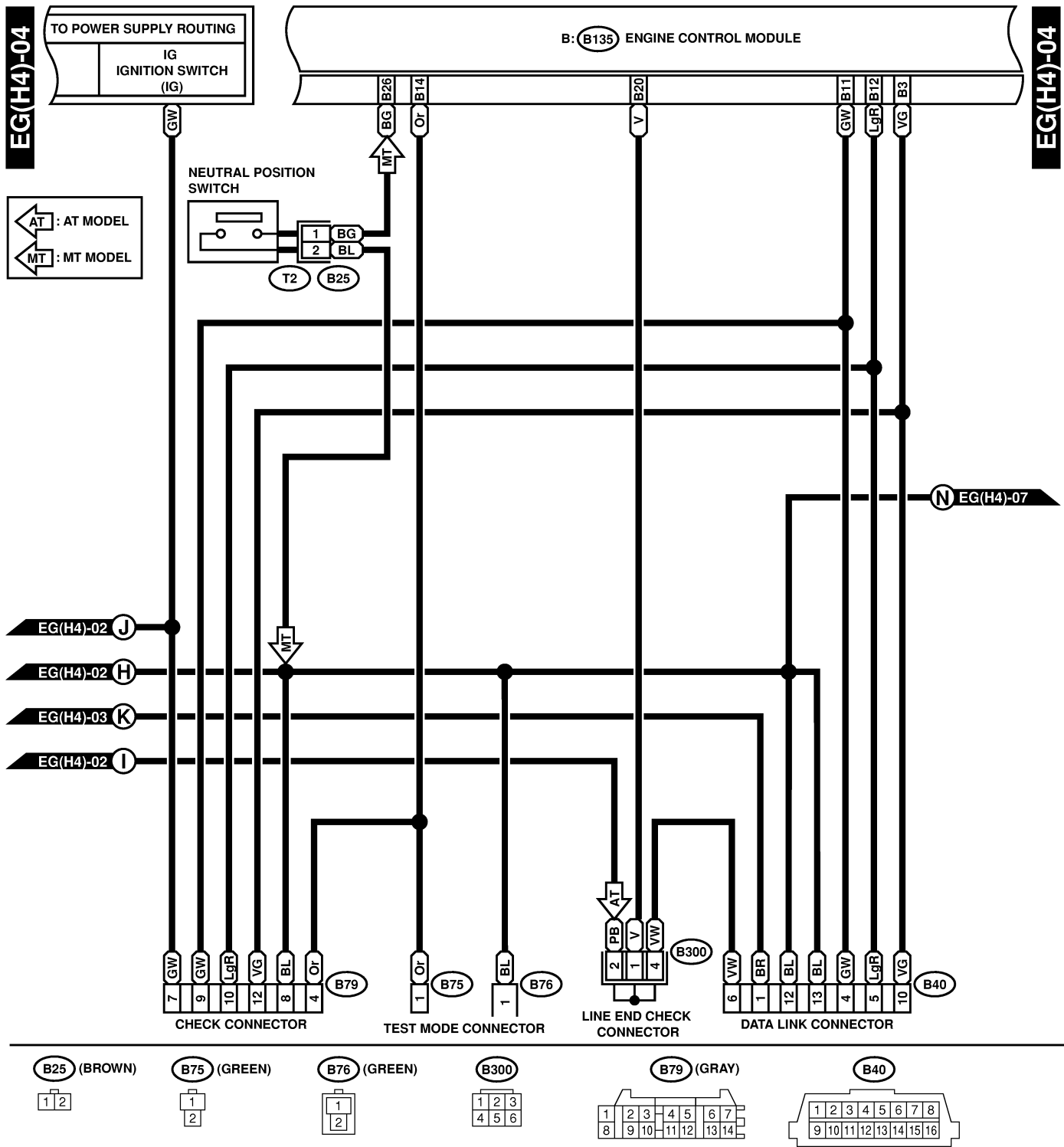
Wiring System



BU10-27C

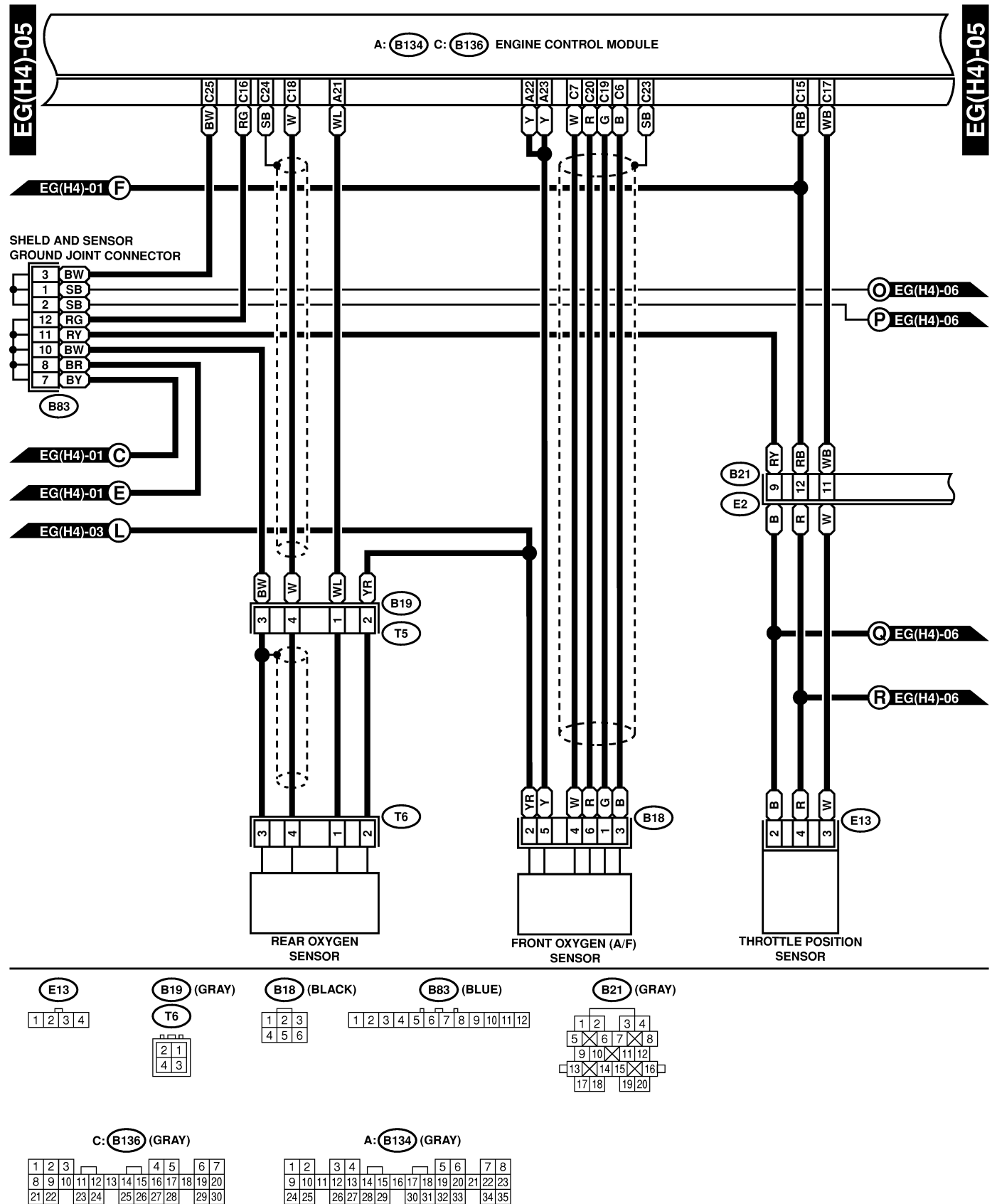
ENGINE ELECTRICAL SYSTEM

Wiring System

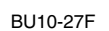


ENGINE ELECTRICAL SYSTEM

Wiring System

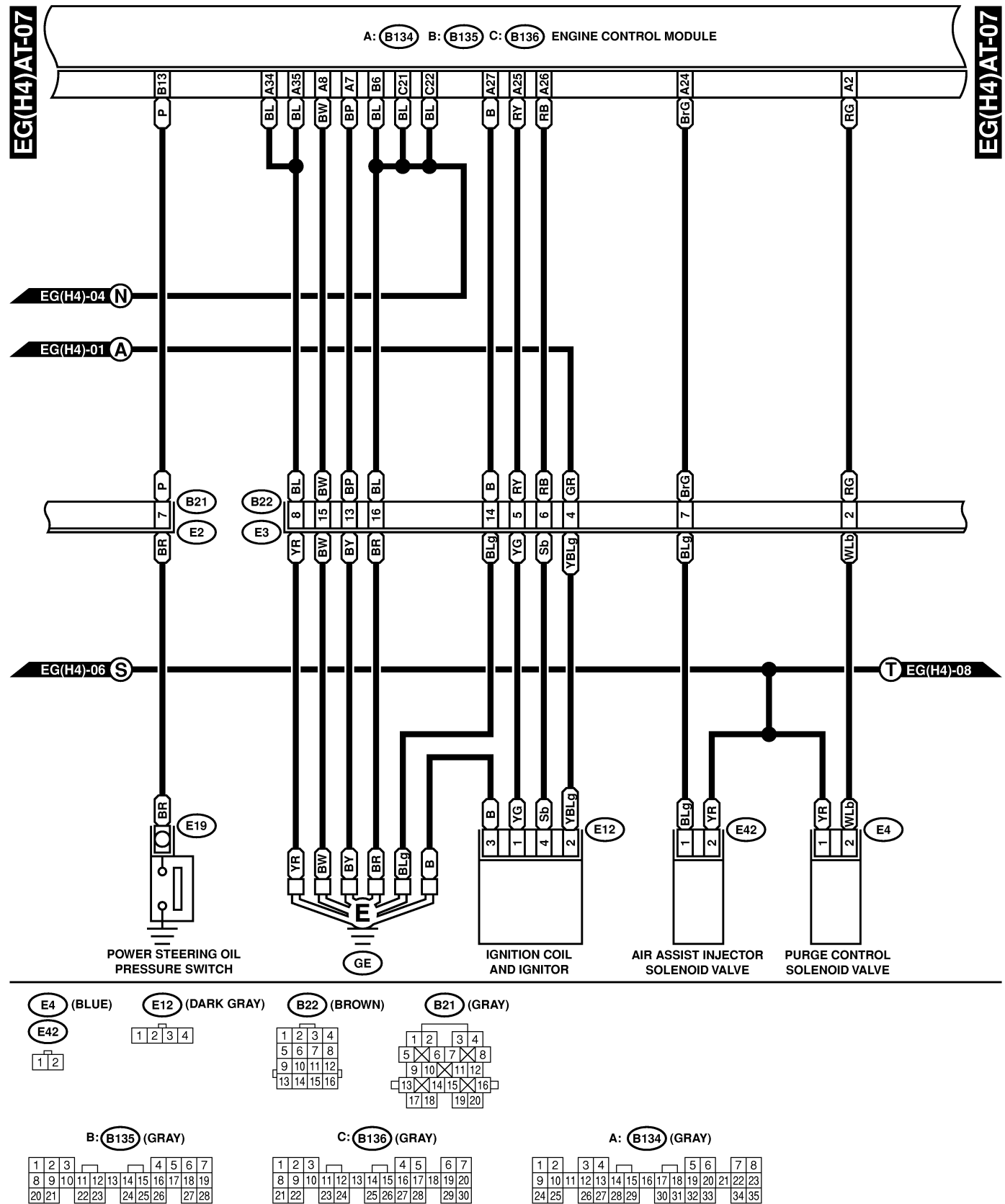


Wiring System



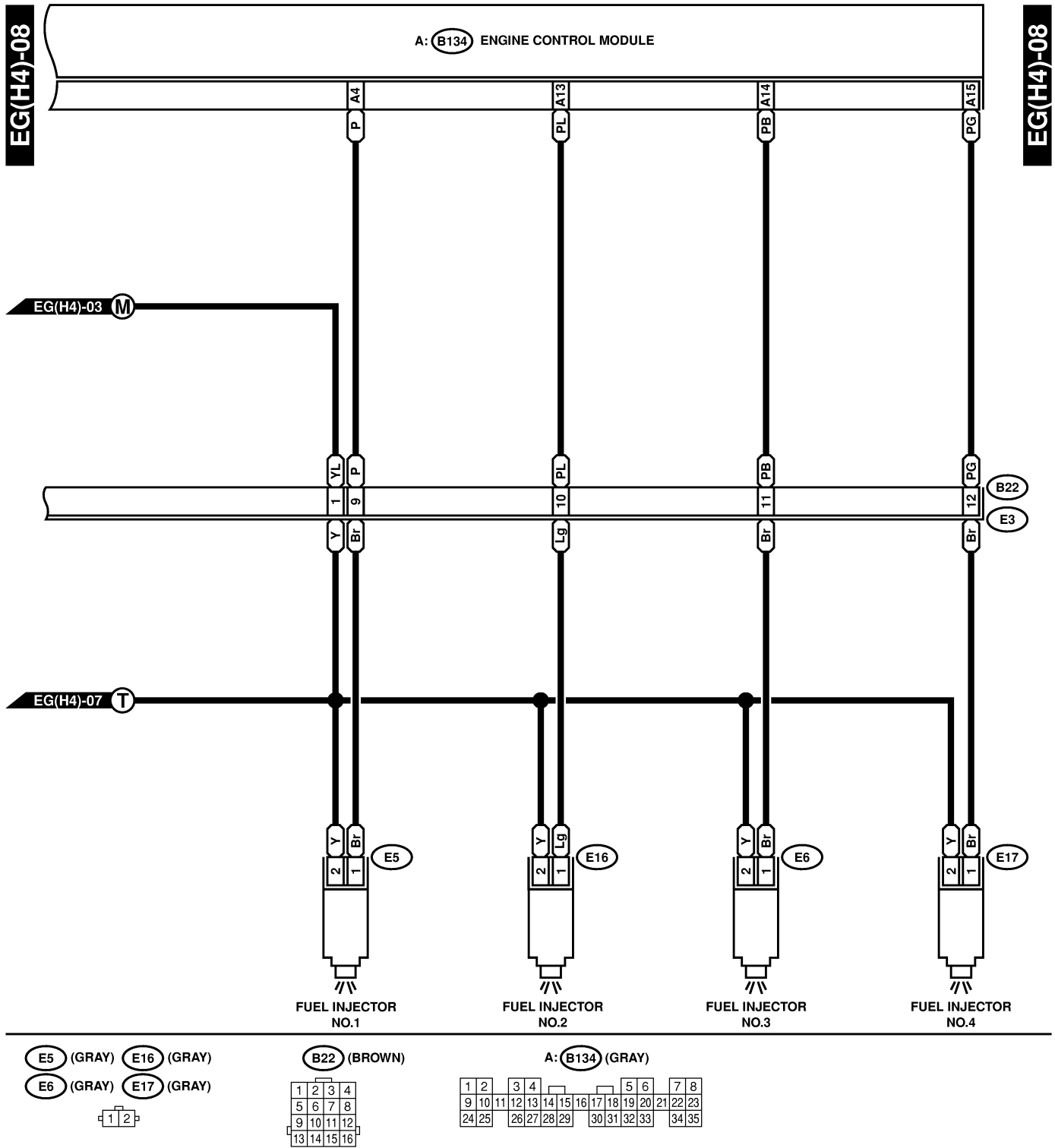
ENGINE ELECTRICAL SYSTEM

Wiring System



ENGINE ELECTRICAL SYSTEM

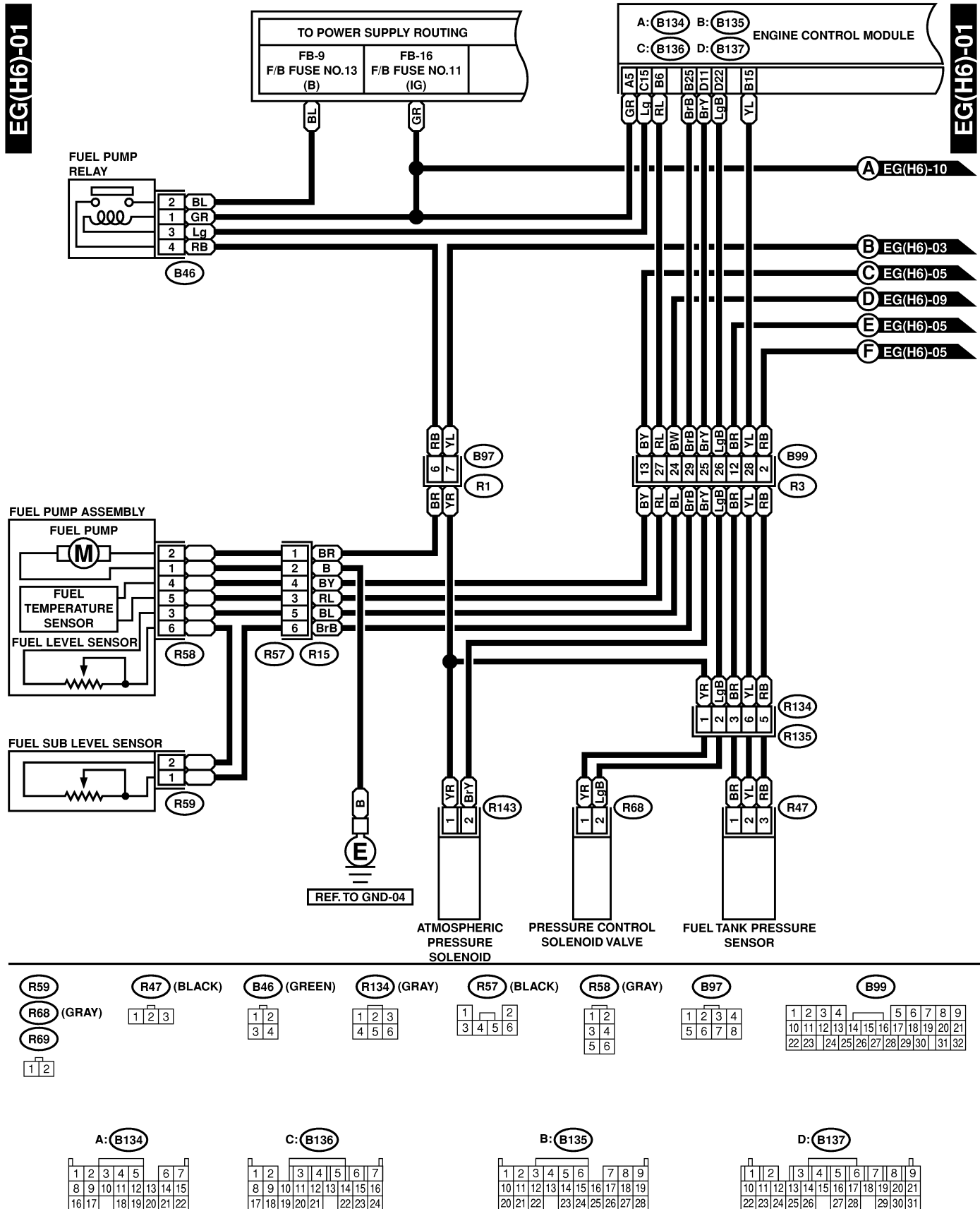
Wiring System



Wiring System

2. 6-CYLINDER ENGINE MODEL

S903482A2105

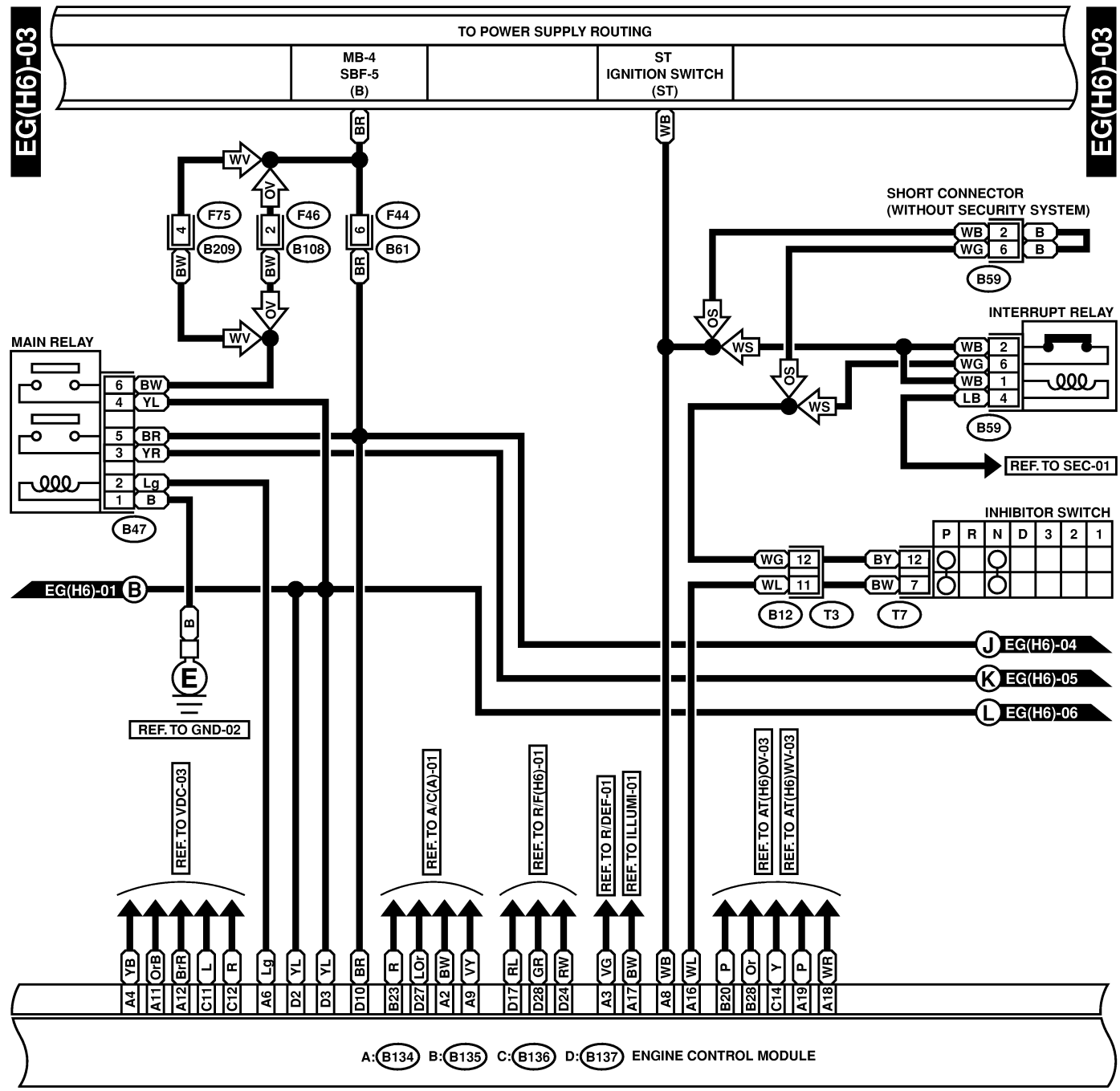


Wiring System



ENGINE ELECTRICAL SYSTEM

Wiring System



B47 (BROWN)

1	2
3	4
5	6

B59

1	2	3
4	5	6

F44

F75 (BLACK)

1	2	3	4
5	6	7	8

B12 (BLACK)

1	2	3	4
5	6	7	8
9	10	11	12

T7

1	2	3	4	5	6
7	8	9	10	11	12

F46

1	2	3	4				5	6	7	8	9
10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31	32	

A: B134

1	2	3	4	5		6	7
8	9	10	11	12	13	14	15
16	17		18	19	20	21	22

C: B136

1	2		3	4	5	6	7	
8	9	10	11	12	13	14	15	16
17	18	19	20	21		22	23	24

B: B135

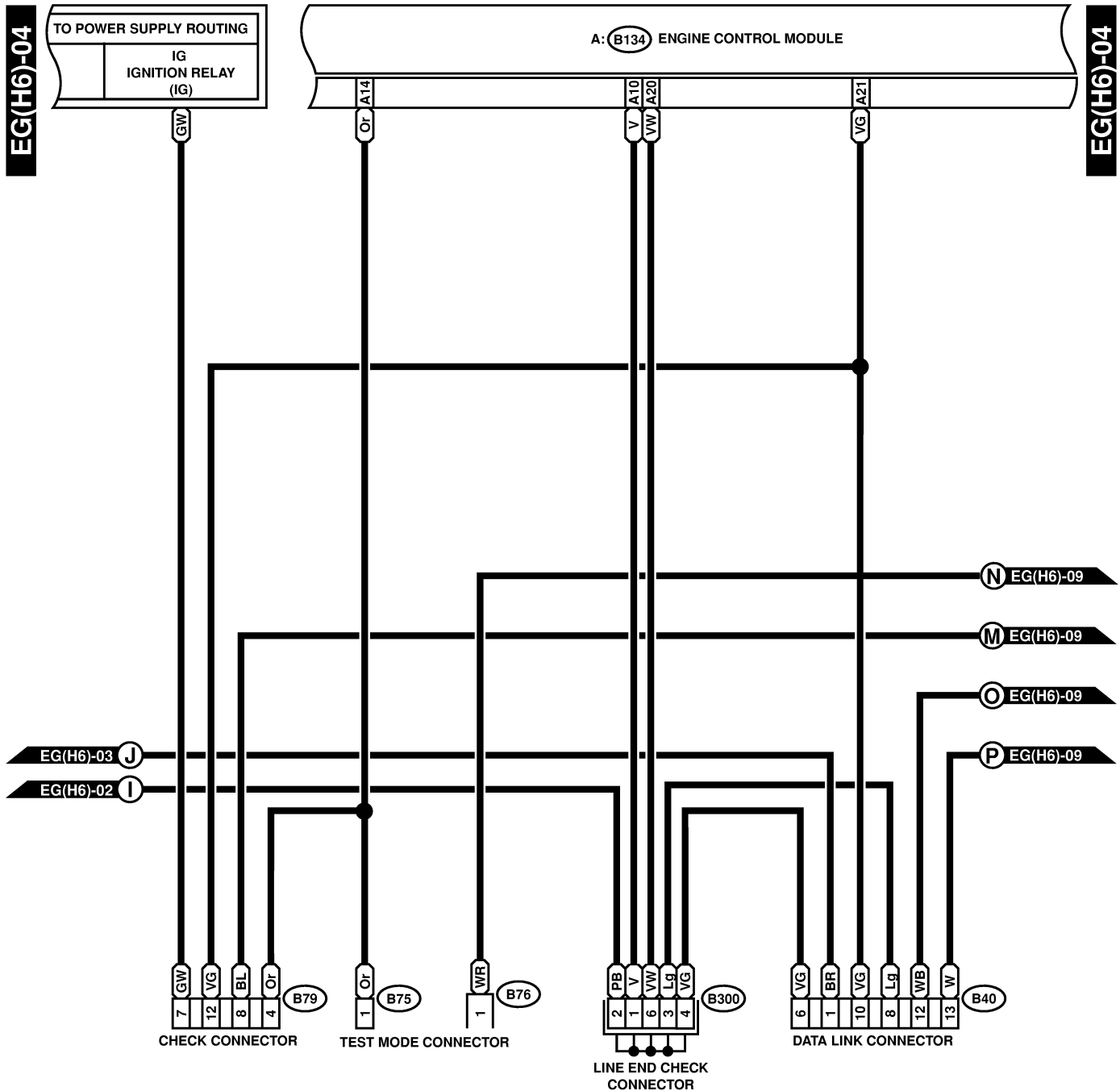
1	2	3	4	5	6		7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22		23	24	25	26	27	28

D: B137

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

ENGINE ELECTRICAL SYSTEM

Wiring System



B75 (GREEN)



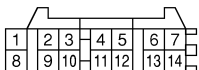
B76 (GREEN)



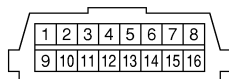
B300



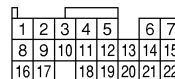
B79 (GRAY)



B40

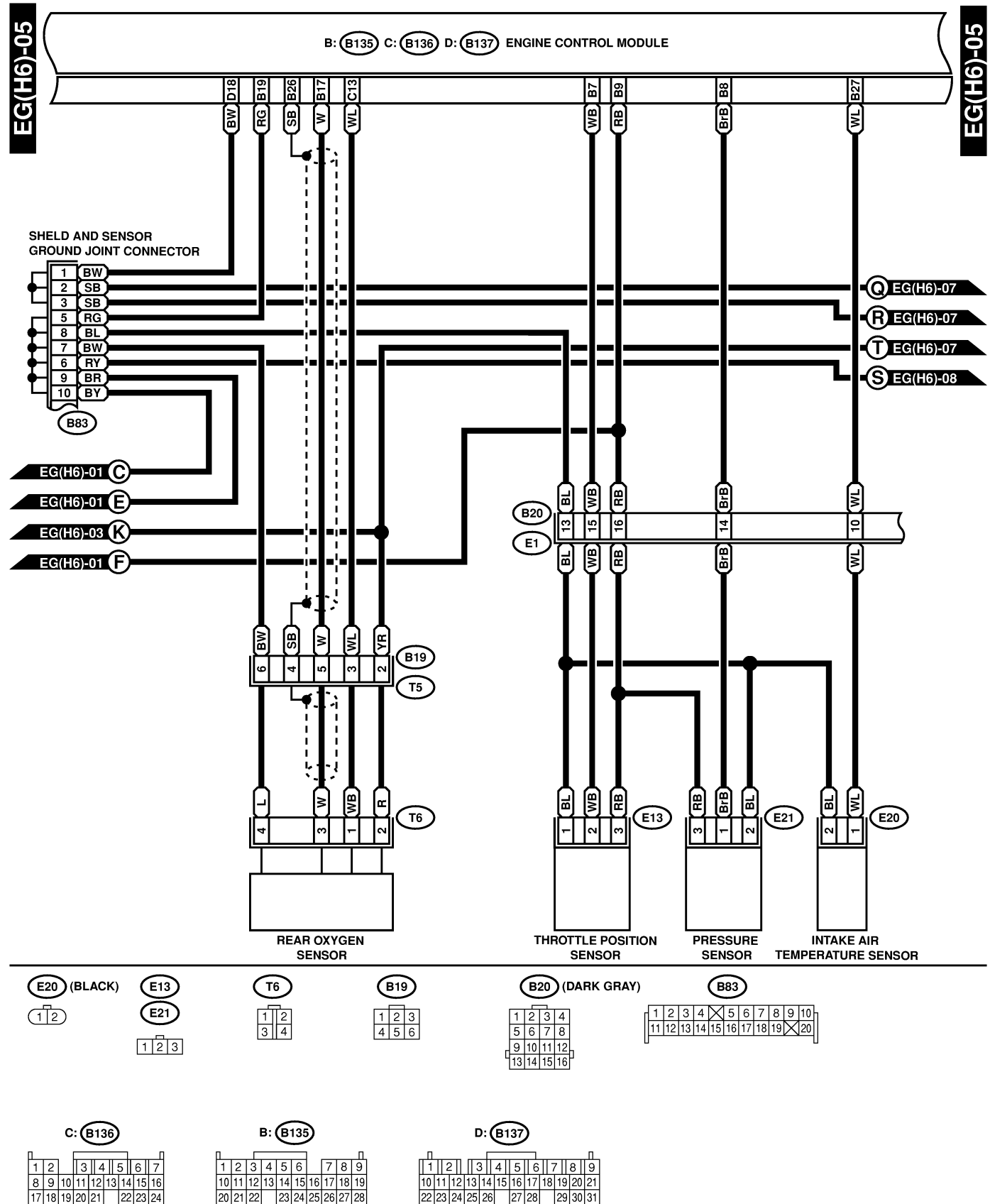


A: B134



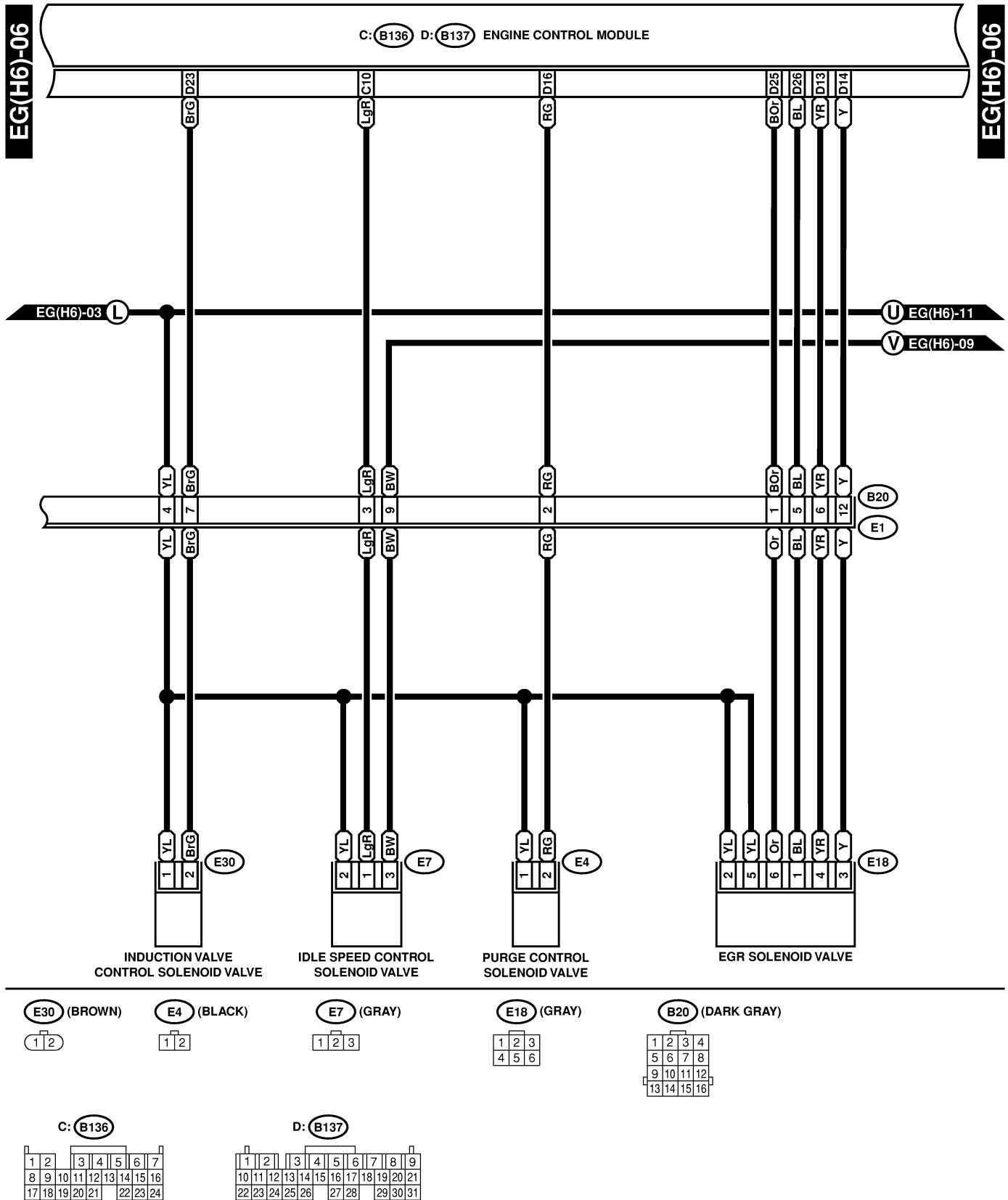
ENGINE ELECTRICAL SYSTEM

Wiring System



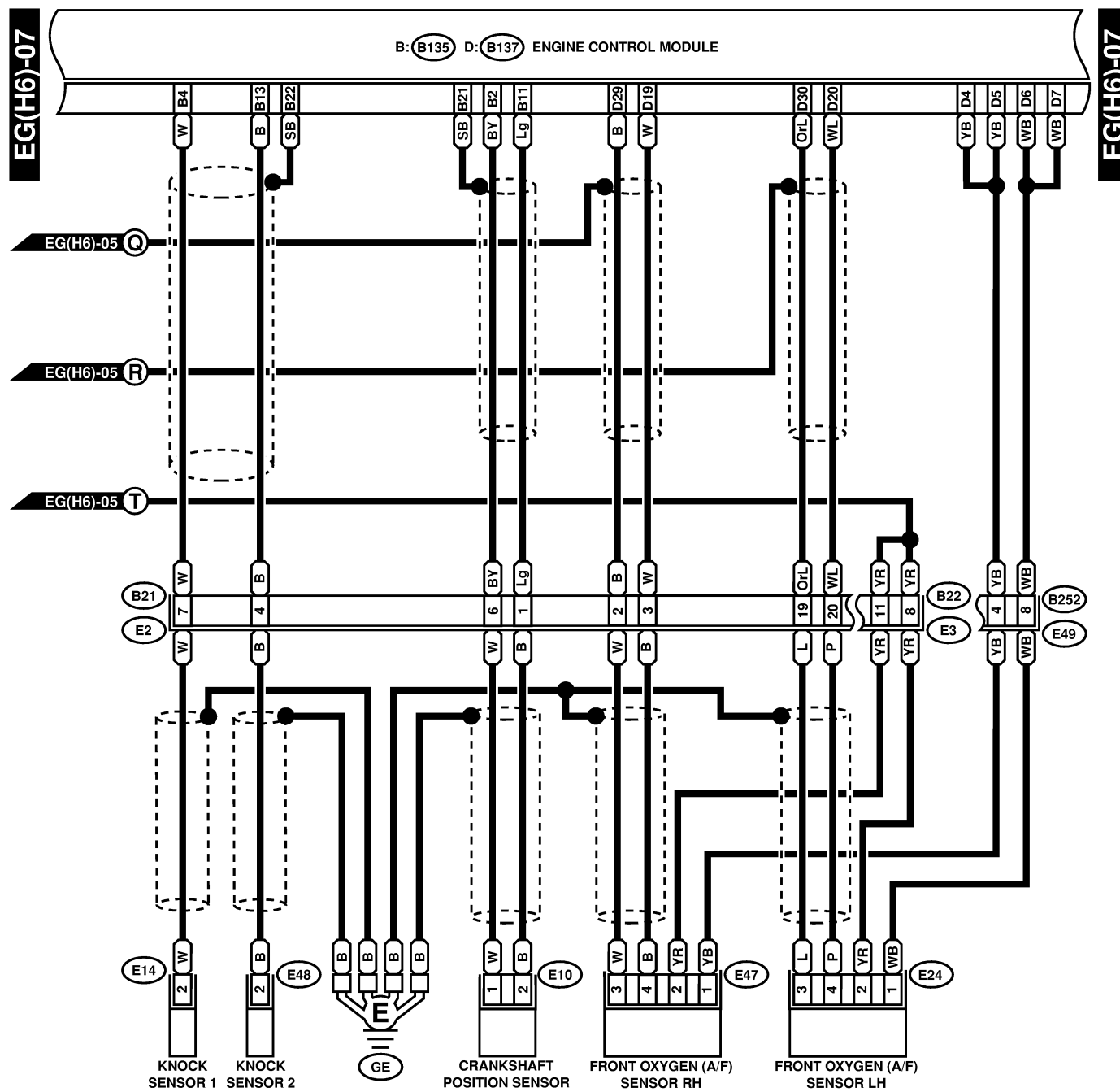
ENGINE ELECTRICAL SYSTEM

Wiring System



ENGINE ELECTRICAL SYSTEM

Wiring System



E14 (BLUE)

E10 (GRAY)

E24 (DARK GRAY)

B252 (DARK GRAY)

B22 (BROWN)

B21 (LIGHT GRAY)

E48 (BLUE)

1 2

E47 (DARK GRAY)

1 2 3 4
5 6 7 8

1 2 3 4
5 6 7 8
9 10 11 12
13 14 15 16

1 2 3 4
5 6 7 8
9 10 11 12
13 14 15 16
17 18 19 20

B: B135

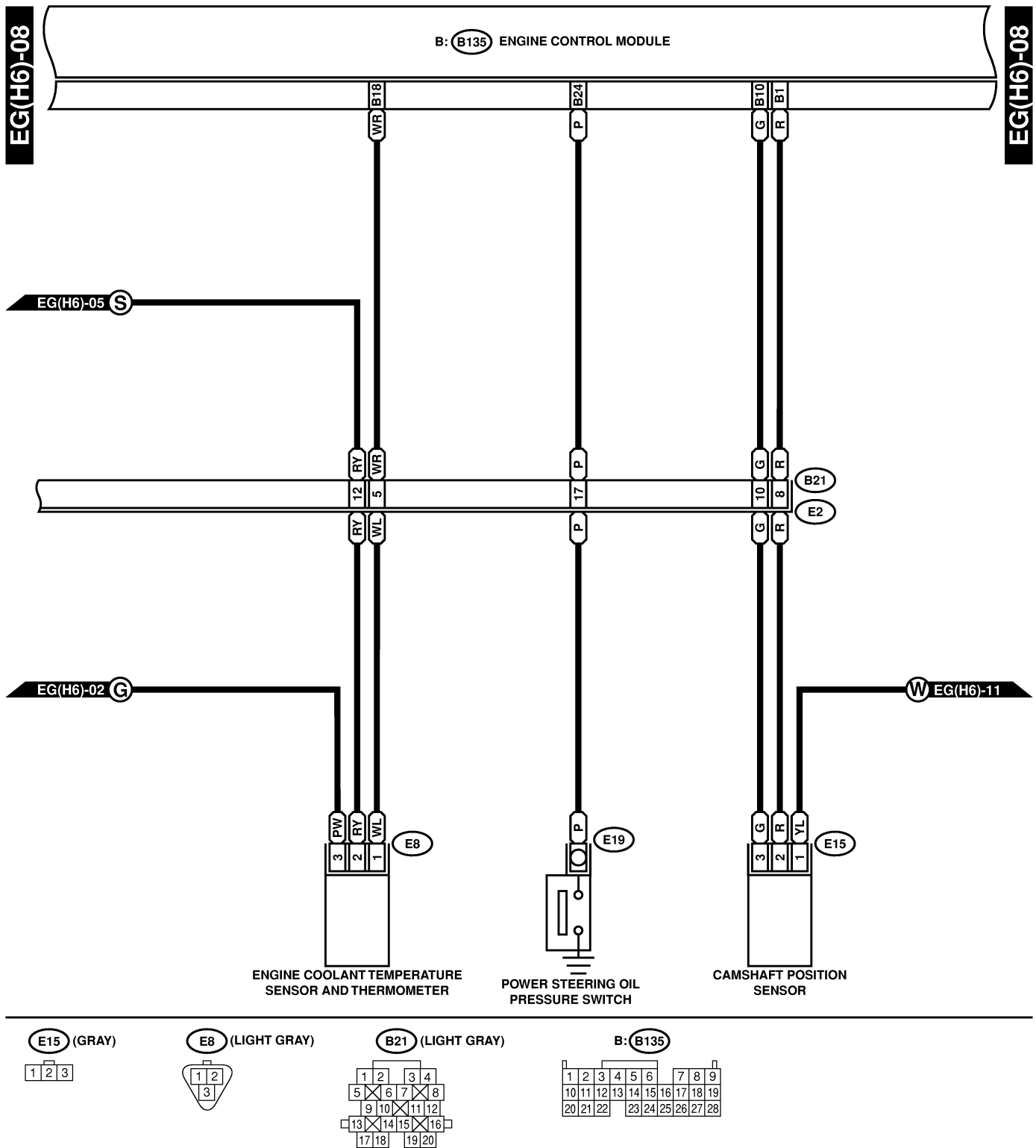
D: B137

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28								

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31					

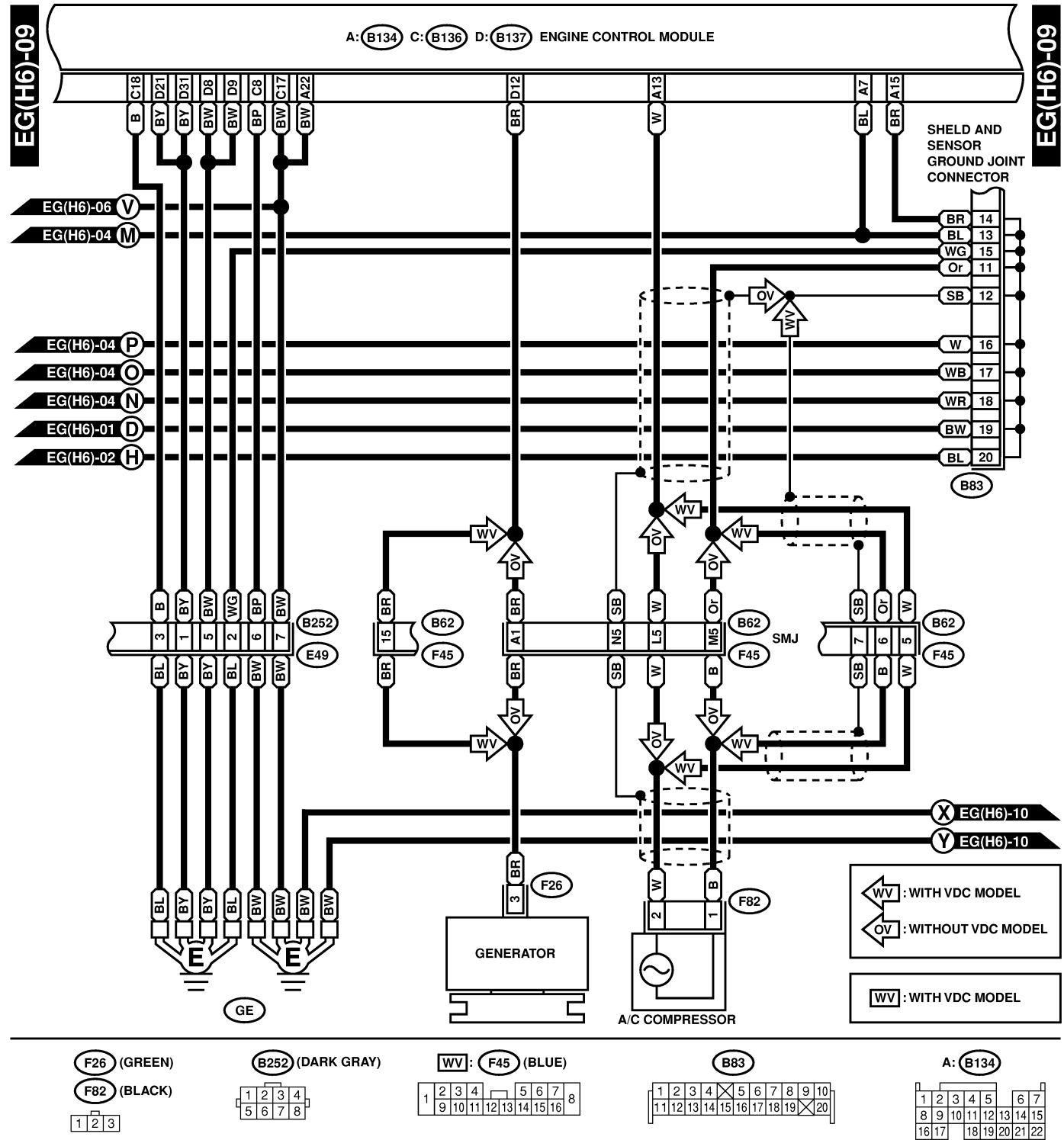
ENGINE ELECTRICAL SYSTEM

Wiring System



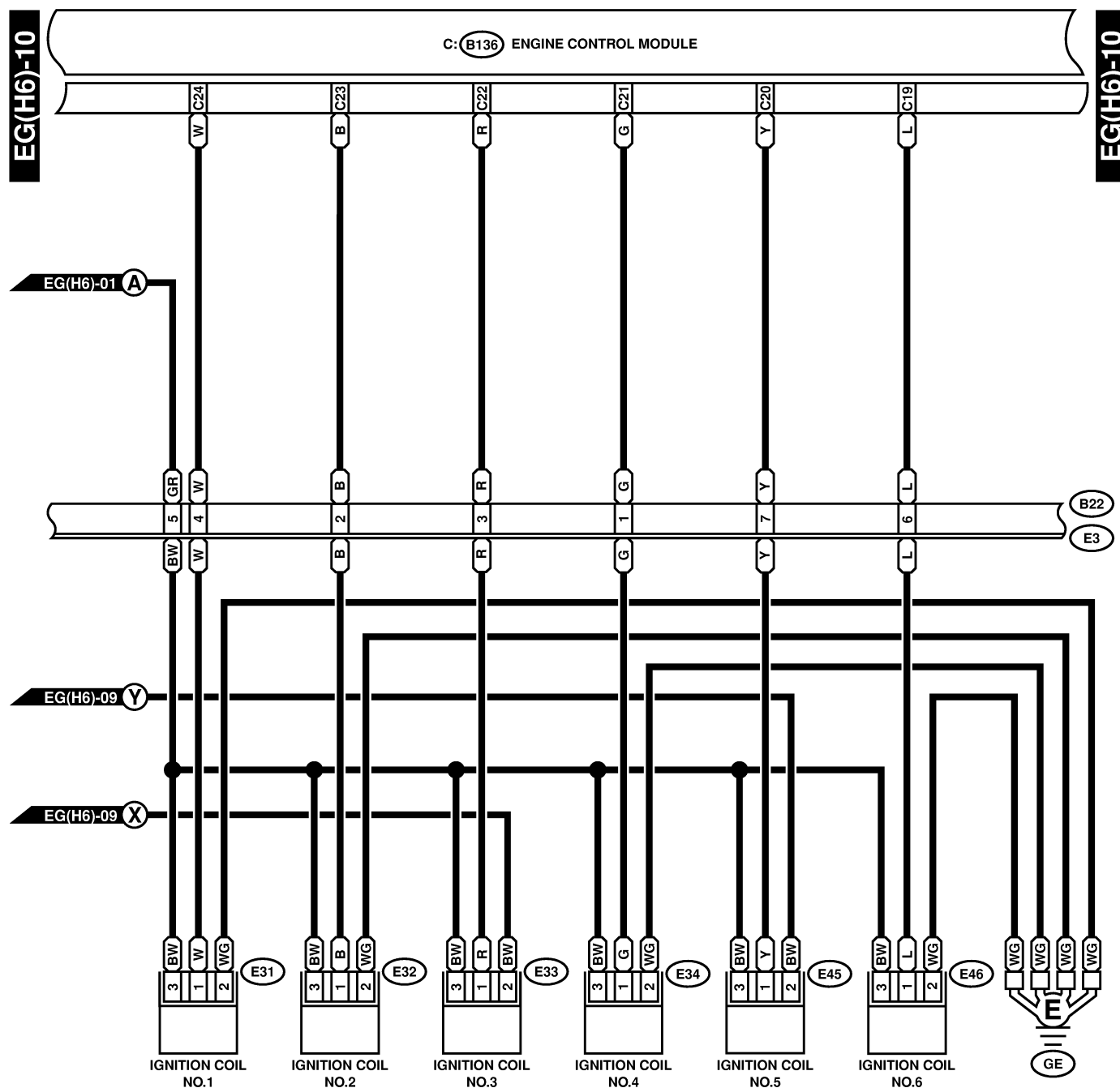
ENGINE ELECTRICAL SYSTEM

Wiring System



ENGINE ELECTRICAL SYSTEM

Wiring System



(BLACK) E31 E34
(BLACK) E32 E45 (BLACK)
E33 E46 (BLACK)

1
2
3

B22 (BROWN)

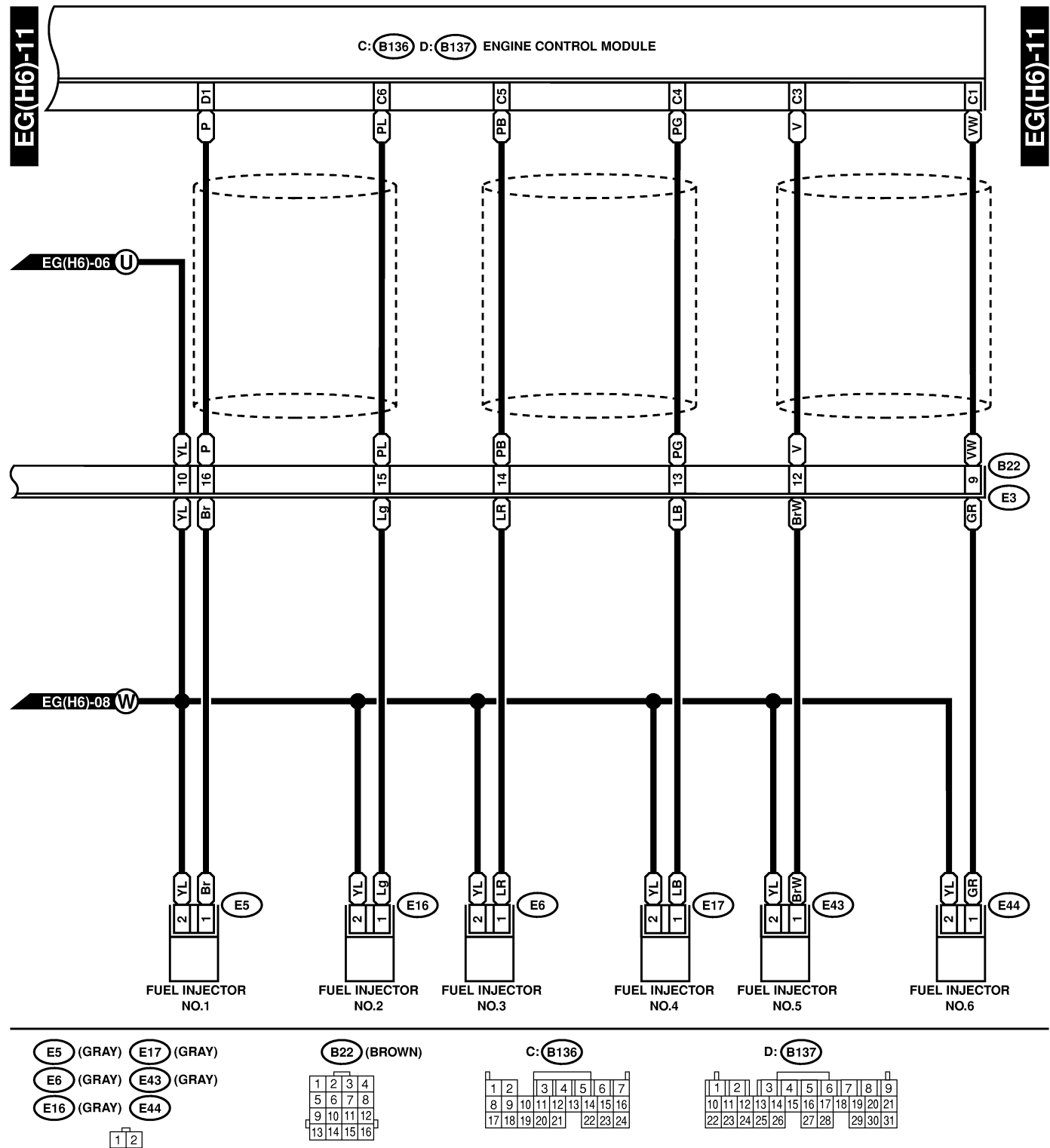
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

C: B136

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24				

ENGINE ELECTRICAL SYSTEM

Wiring System



MEMO:

FUEL GAUGE SYSTEM

Wiring System

19. Fuel Gauge System

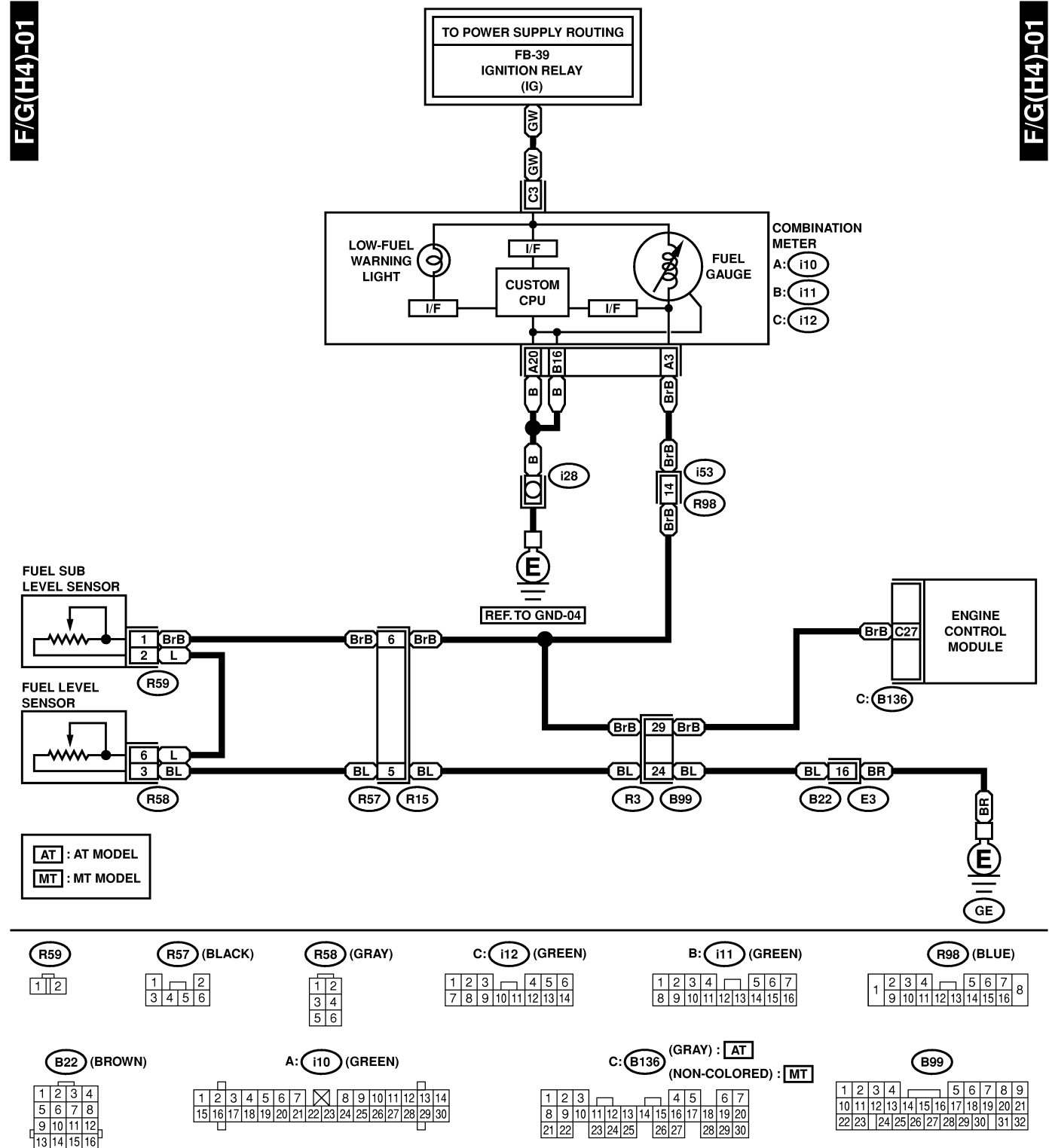
S903046

A: SCHEMATIC

S903046A21

1. 4-CYLINDER ENGINE MODEL

S903046A2101



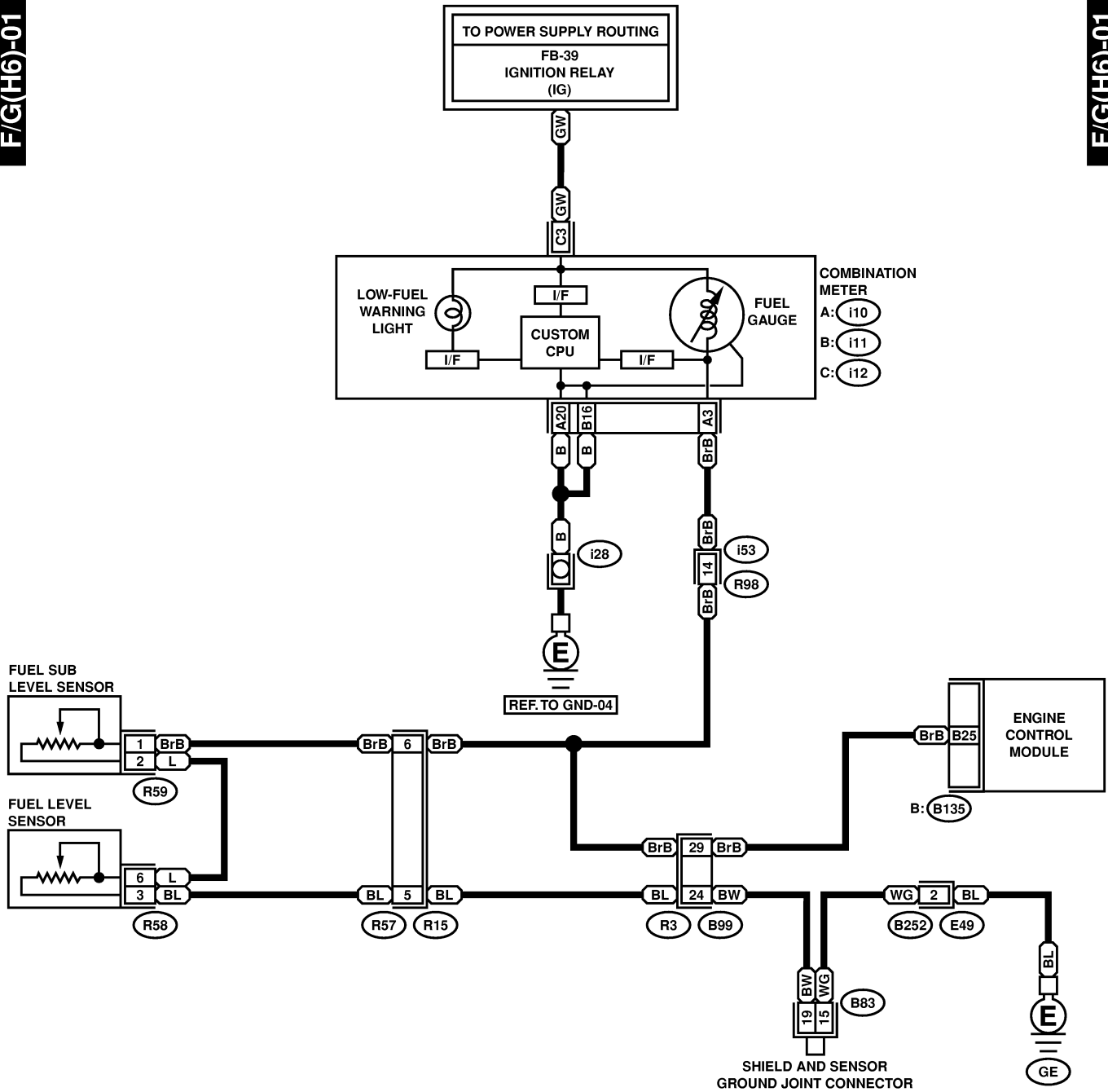
FUEL GAUGE SYSTEM

Wiring System

2. 6-CYLINDER ENGINE MODEL S903046A2102

F/G(H6)-01

F/G(H6)-01



R59

1	2
---	---

R57 (BLACK)

1	2
3	4
5	6

R58 (GRAY)

1	2
3	4
5	6

B252 (DARK GRAY)

1	2	3	4	5	6
7	8	9	10	11	12
13	14				

C: i12 (GREEN)

1	2	3	4	5	6
7	8	9	10	11	12
13	14				

B: i11 (GREEN)

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16					

R98 (BLUE)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

B83

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22								

B: B135

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32				

A: i10 (GREEN)

1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30												

B99

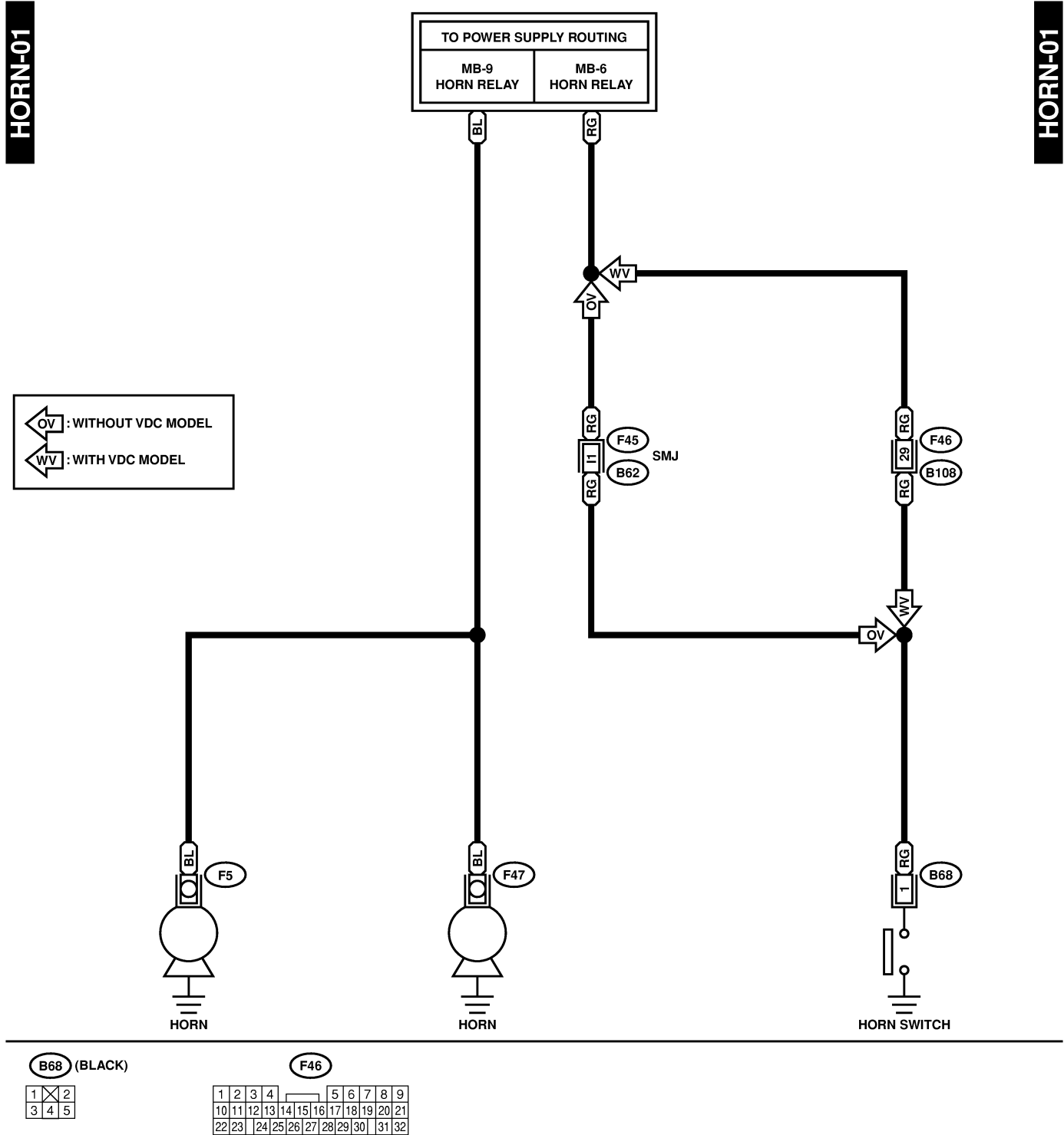
1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32				

A: SCHEMATIC S903664A21



21. Horn System S903436

A: SCHEMATIC S903436A21

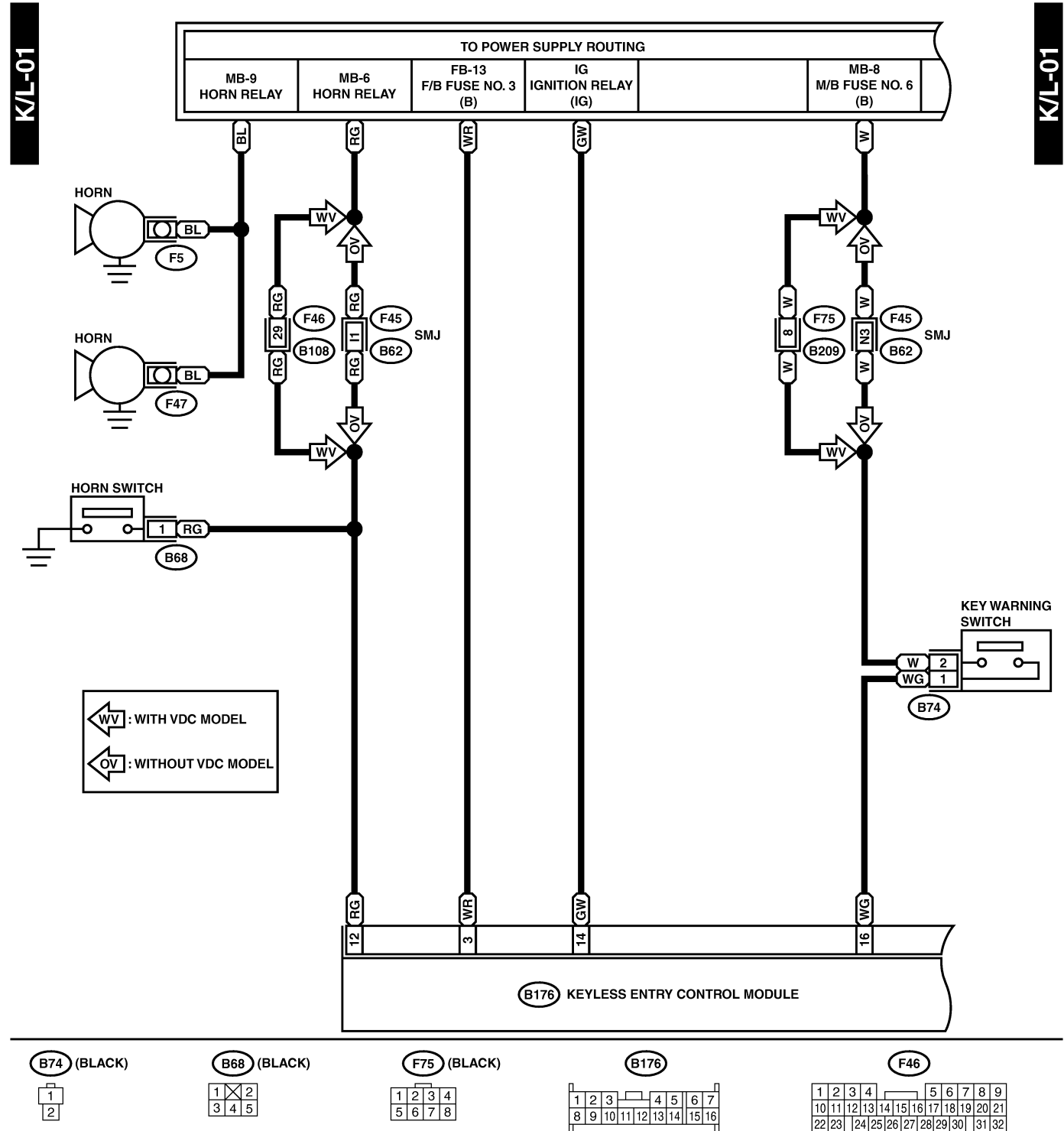


KEYLESS ENTRY SYSTEM

Wiring System

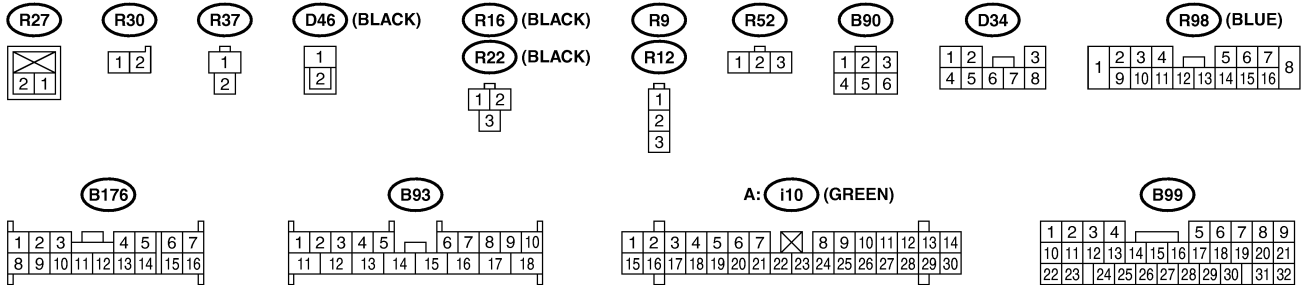
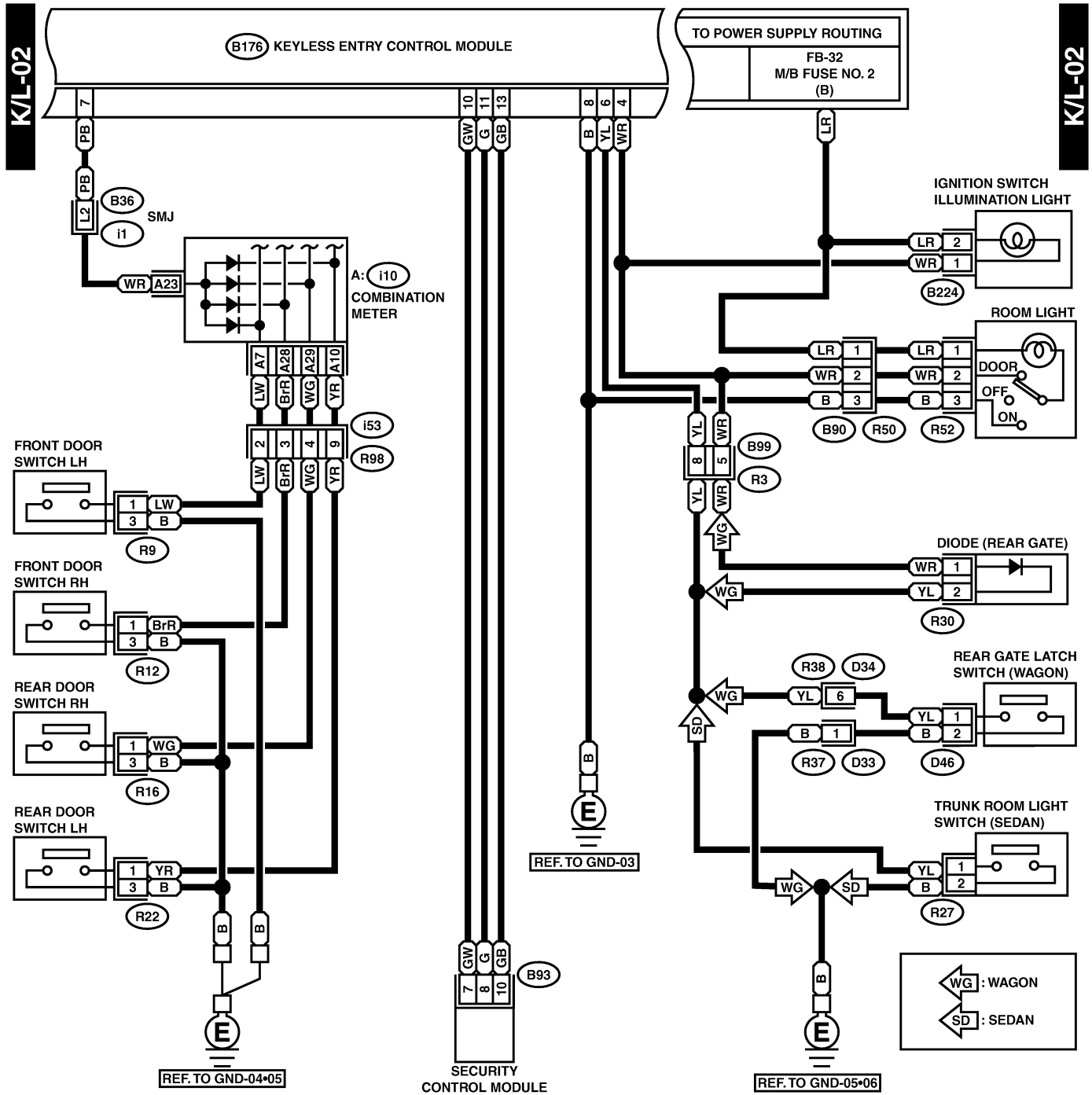
22. Keyless Entry System S903345

A: SCHEMATIC S903345A21

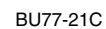


KEYLESS ENTRY SYSTEM

Wiring System



Wiring System

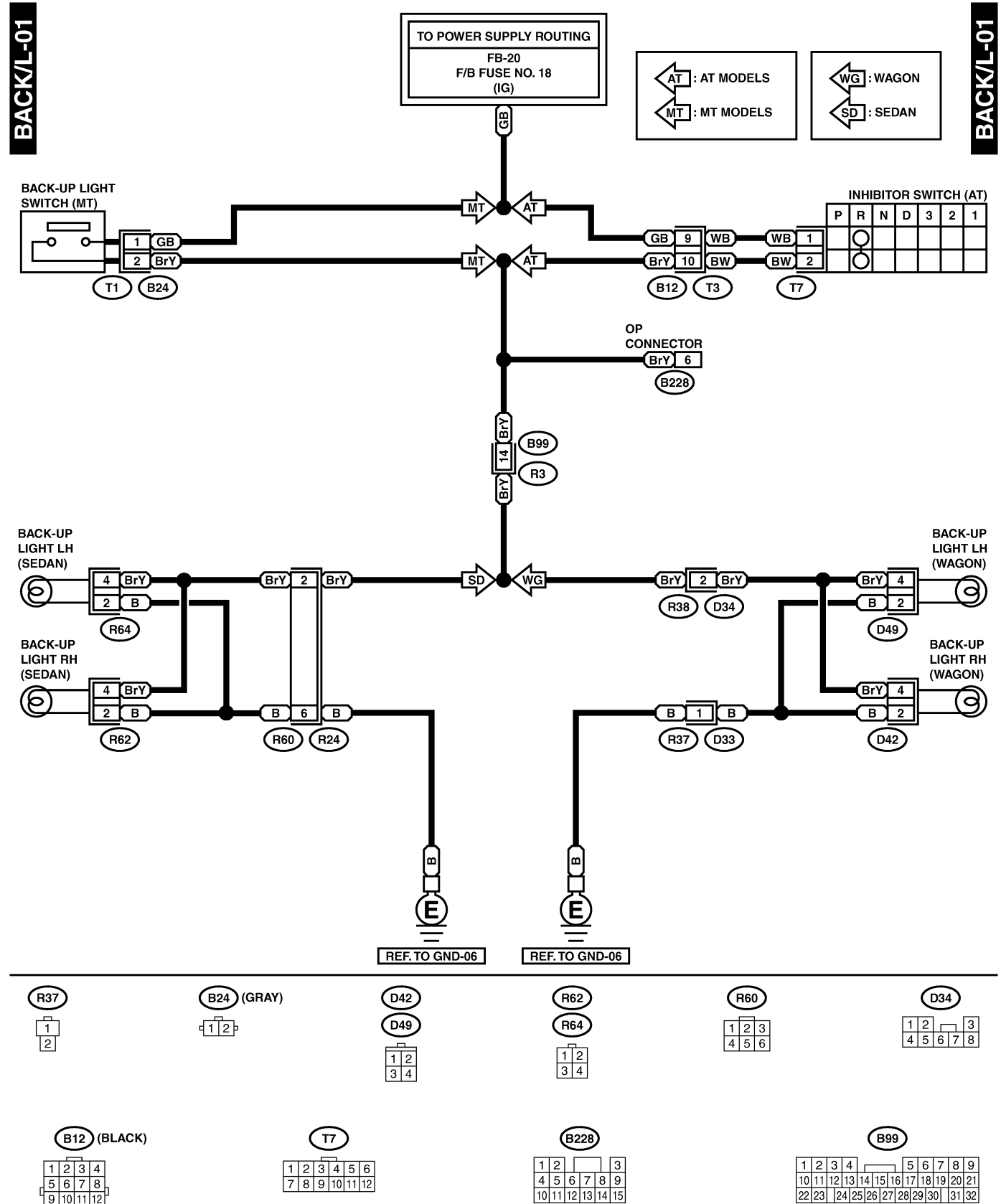


23. Back-up Light System

S903414

A: SCHEMATIC

S903414A21



BU29-21

CLEARANCE LIGHT AND ILLUMINATION LIGHT SYSTEM

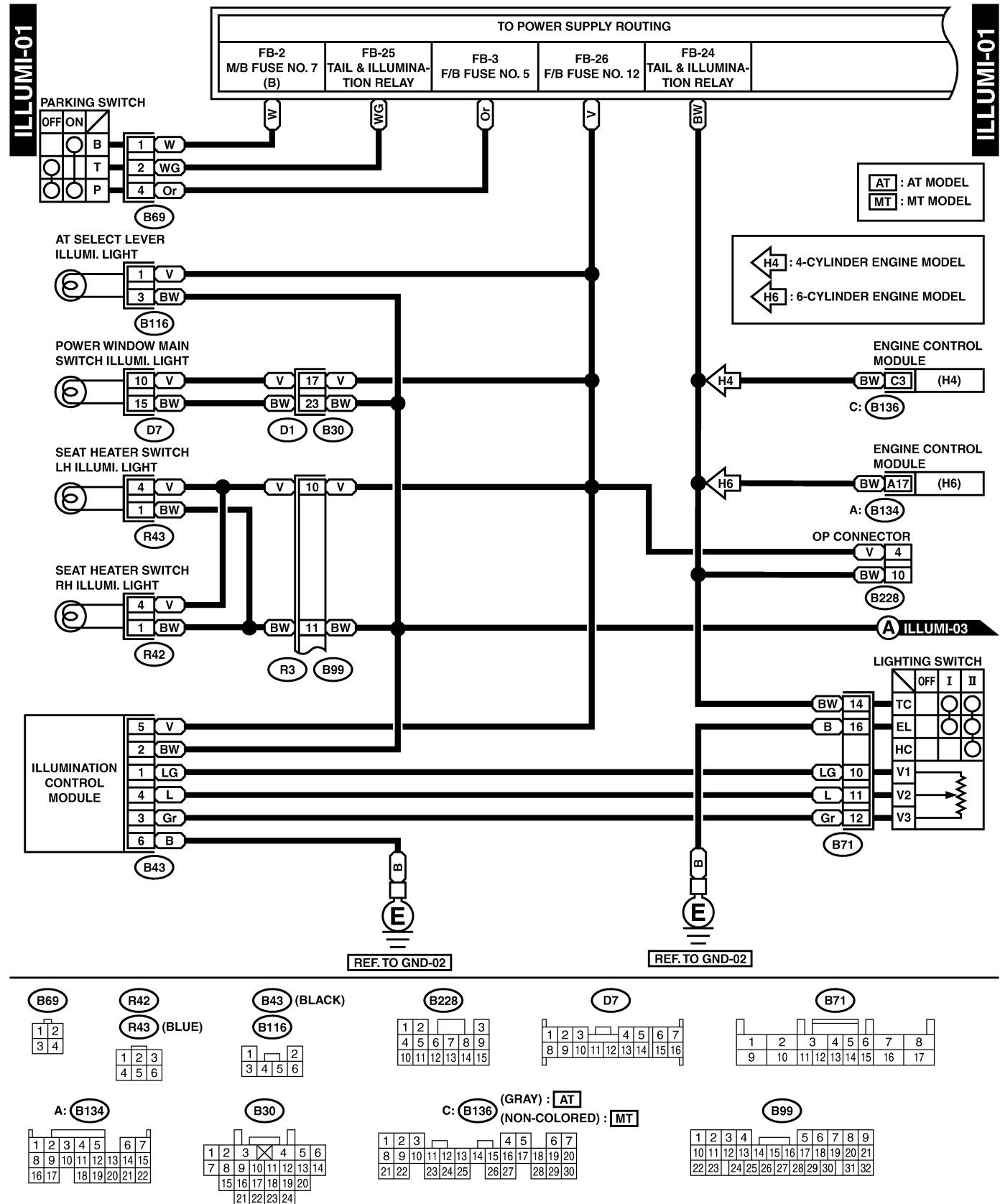
Wiring System

24. Clearance Light and Illumination Light System

S903489

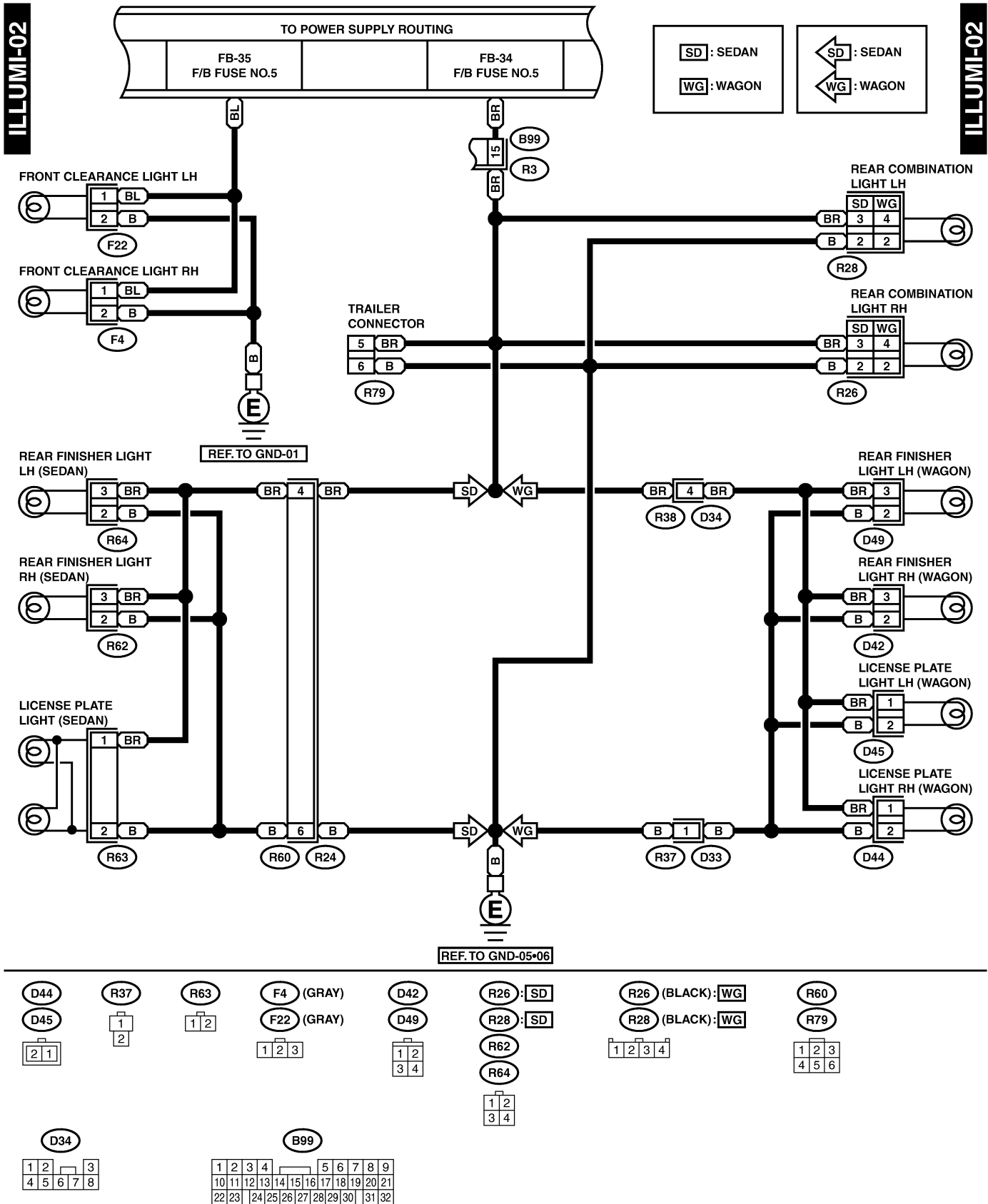
A: SCHEMATIC

S903489A21

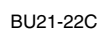


CLEARANCE LIGHT AND ILLUMINATION LIGHT SYSTEM

Wiring System



Wiring System



CLEARANCE LIGHT AND ILLUMINATION LIGHT SYSTEM

Wiring System

MEMO:

FRONT FOG LIGHT SYSTEM

Wiring System

25. Front Fog Light System

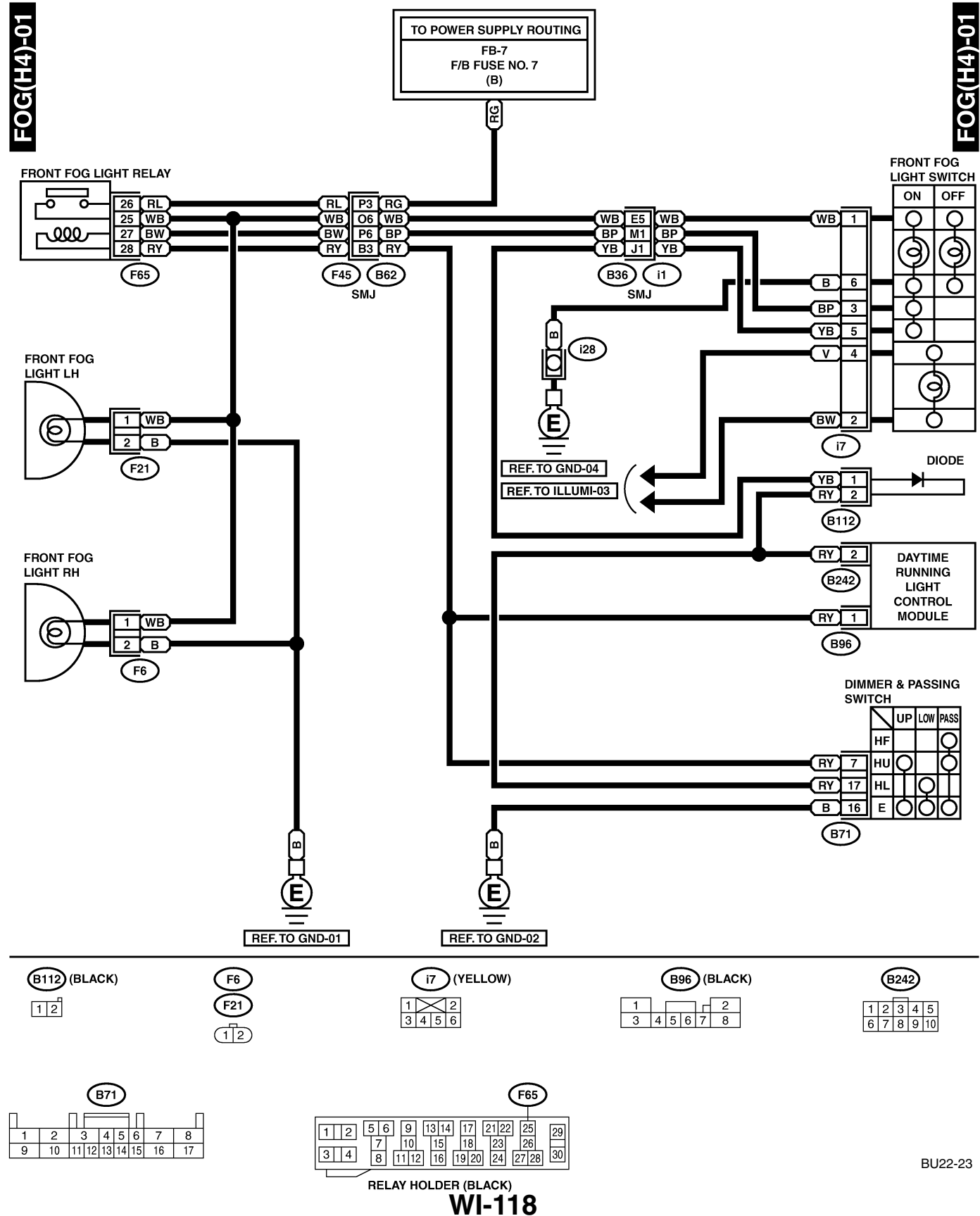
S903473

A: SCHEMATIC

S903473A21

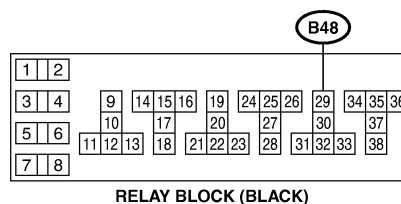
1. 4-CYLINDER ENGINE MODEL

S903473A2103



Wiring System

FOG(H6)-01



HEADLIGHT SYSTEM

Wiring System

26. Headlight System

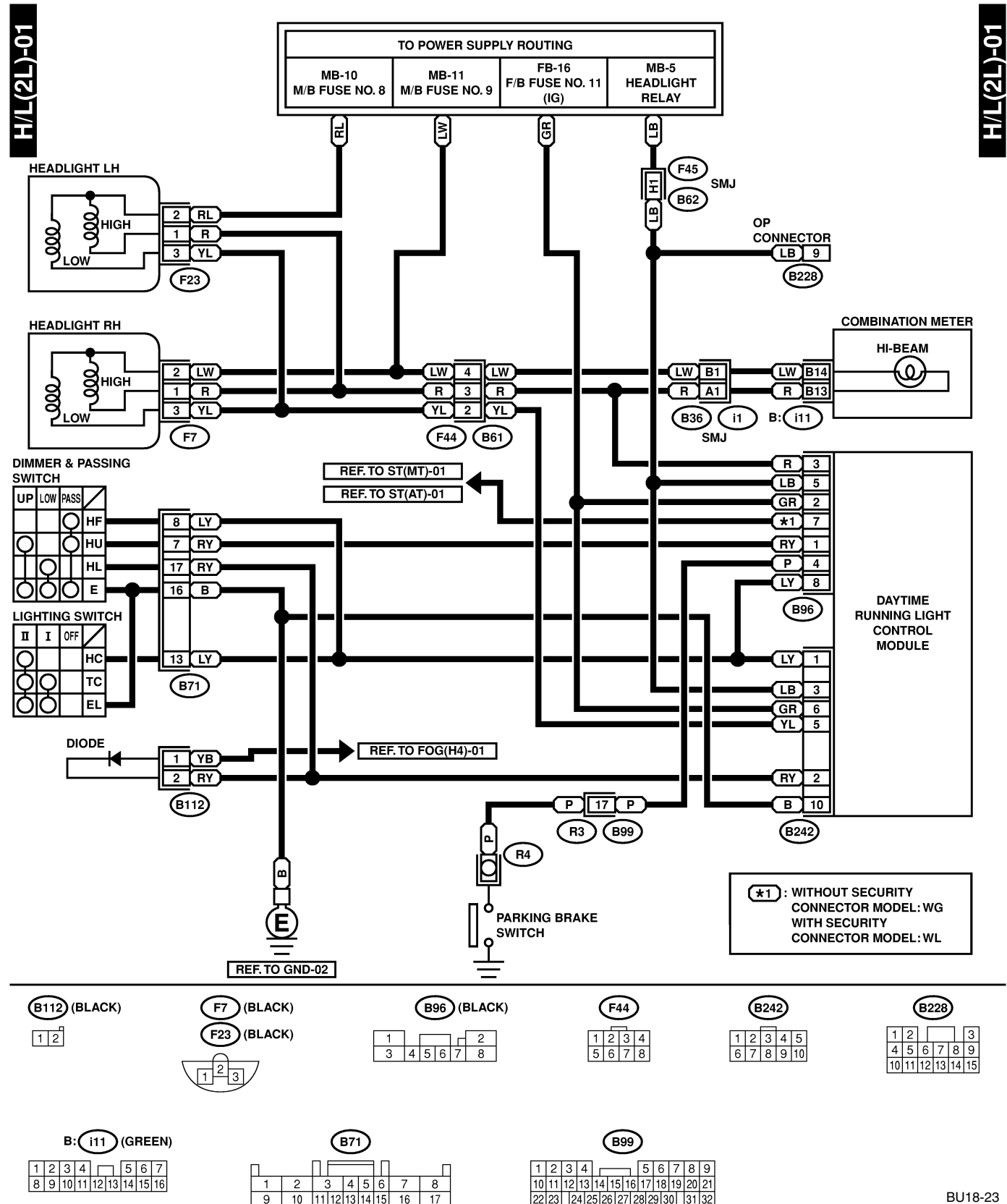
S903474

A: SCHEMATIC

S903474A21

1. 2-LIGHT MODEL

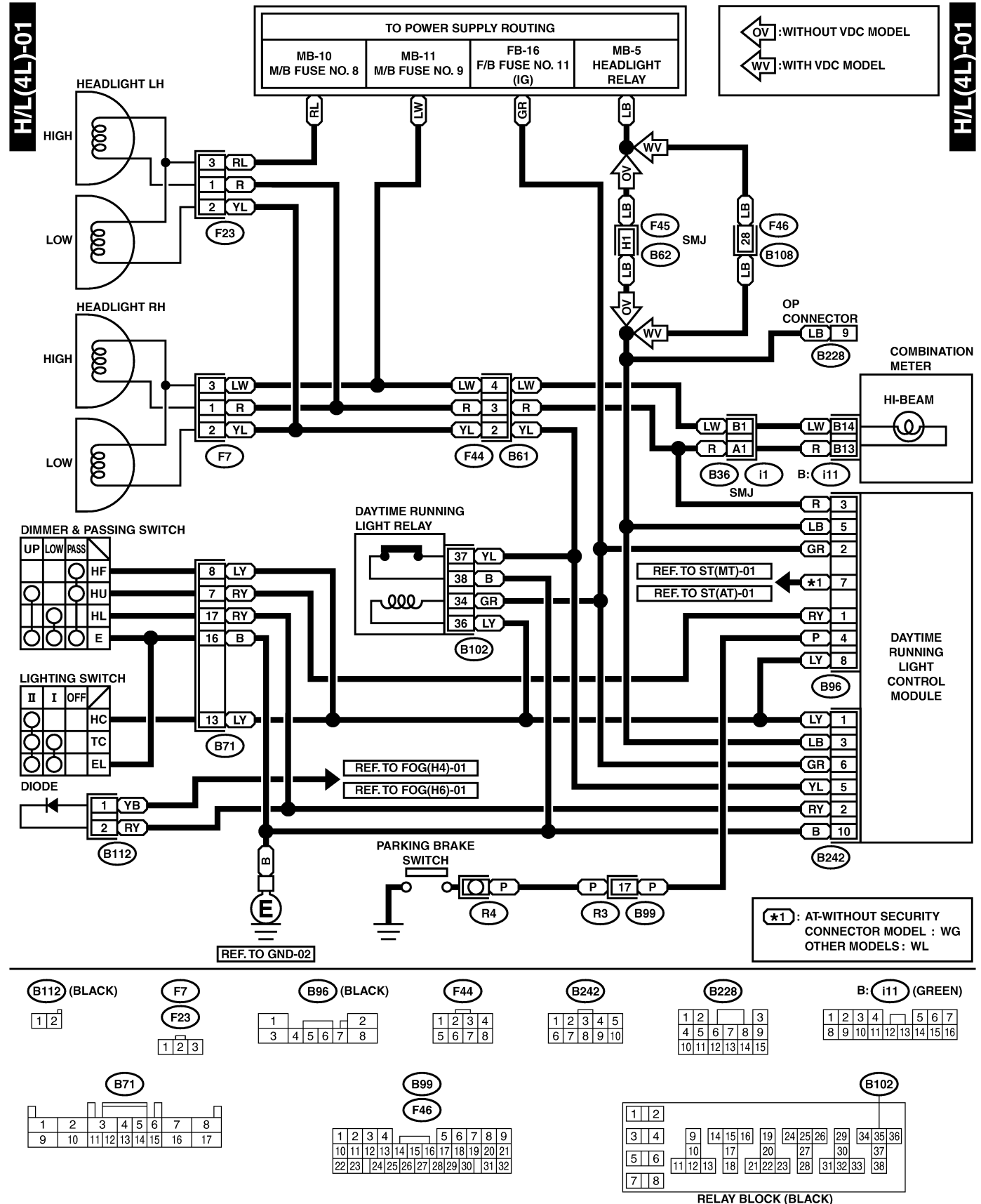
S903474A2103



HEADLIGHT SYSTEM

Wiring System

2. 4-LIGHT MODEL S903474A2104



IN COMPARTMENT LIGHT SYSTEM

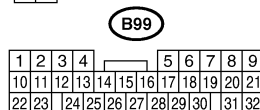
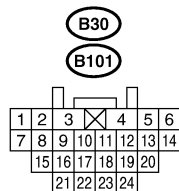
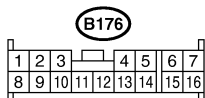
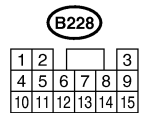
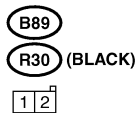
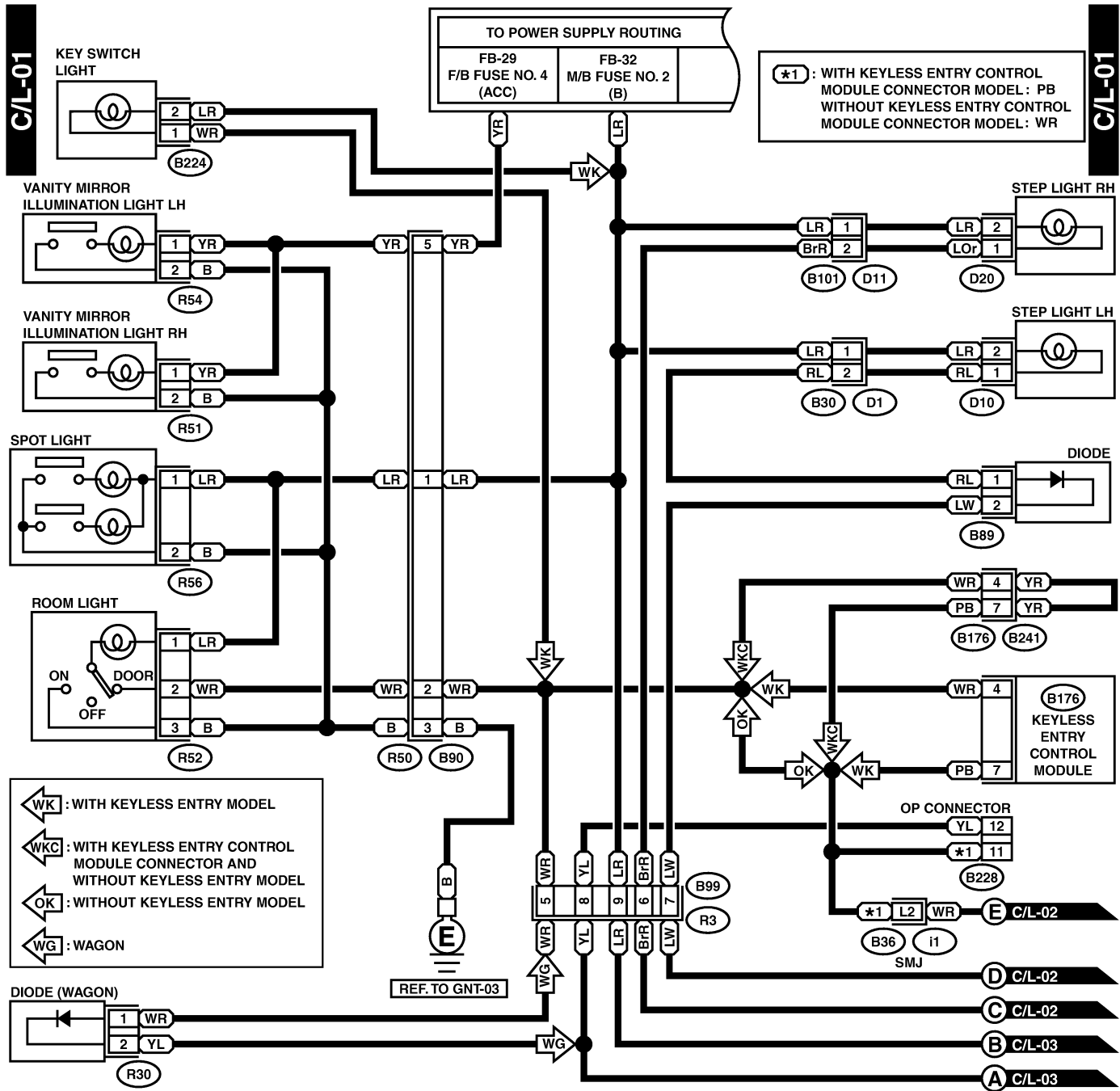
Wiring System

27. In Compartment Light System

S903665

A: SCHEMATIC

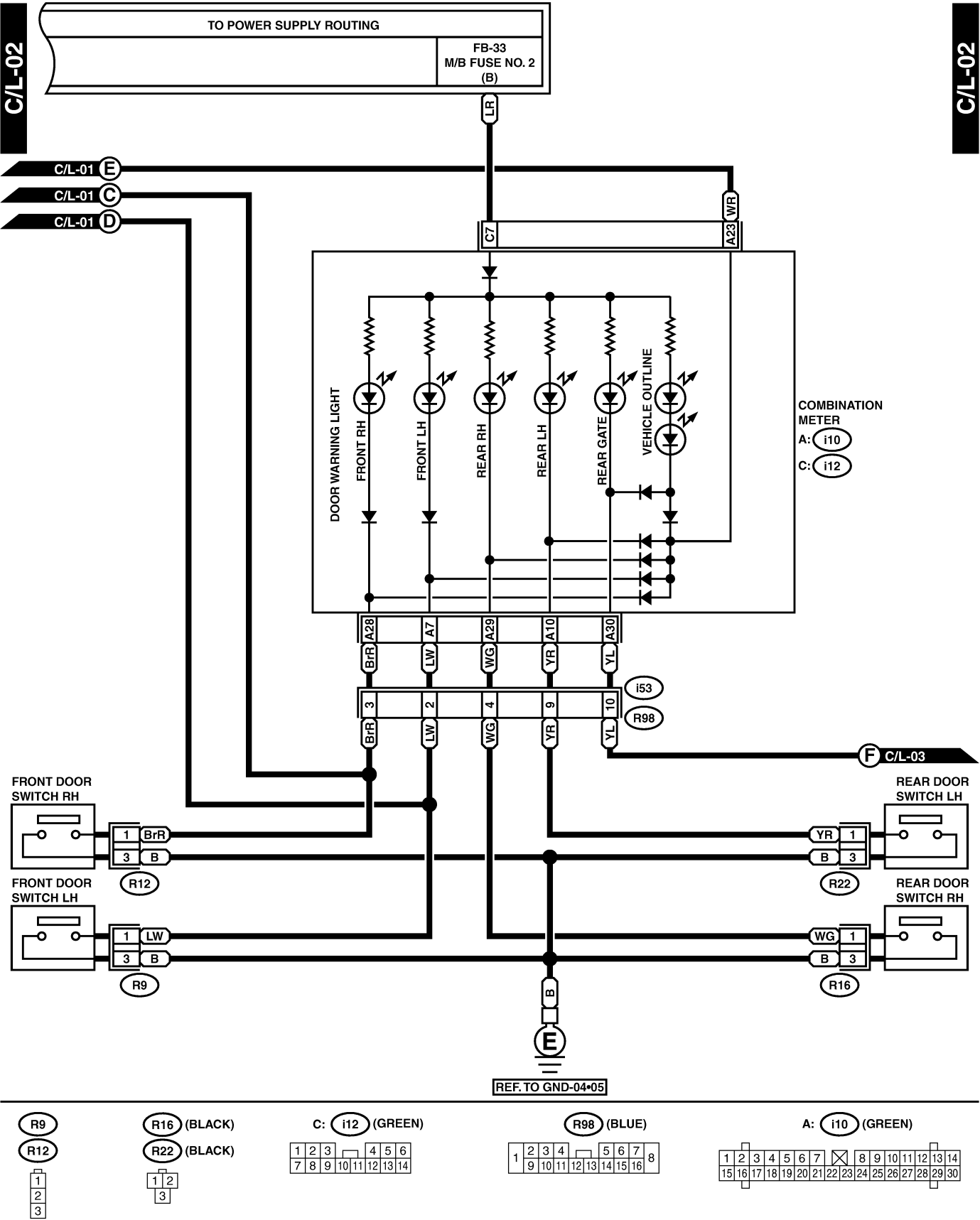
S903665A21



BU23-22A

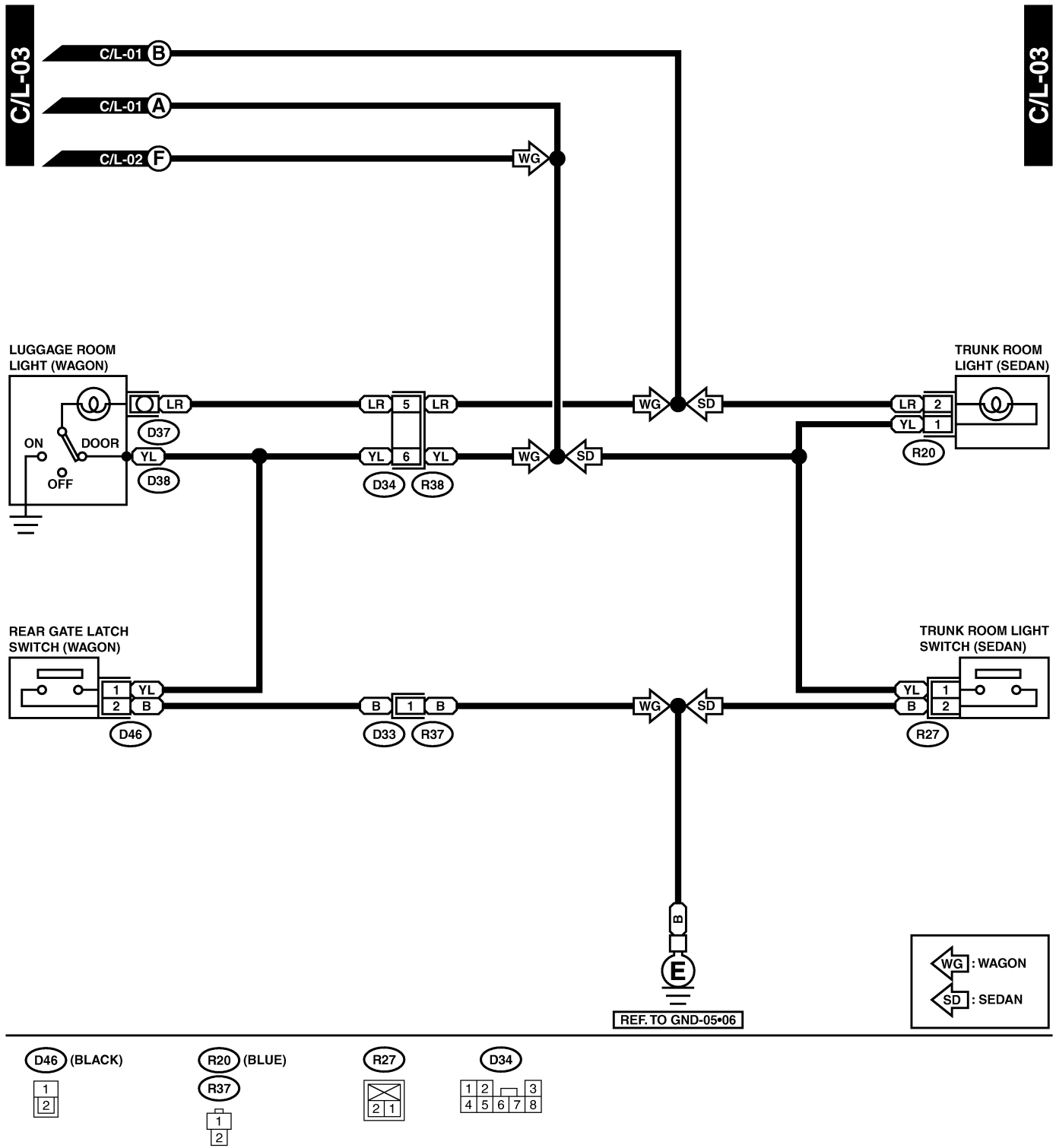
IN COMPARTMENT LIGHT SYSTEM

Wiring System



IN COMPARTMENT LIGHT SYSTEM

Wiring System



IN COMPARTMENT LIGHT SYSTEM

Wiring System

MEMO:

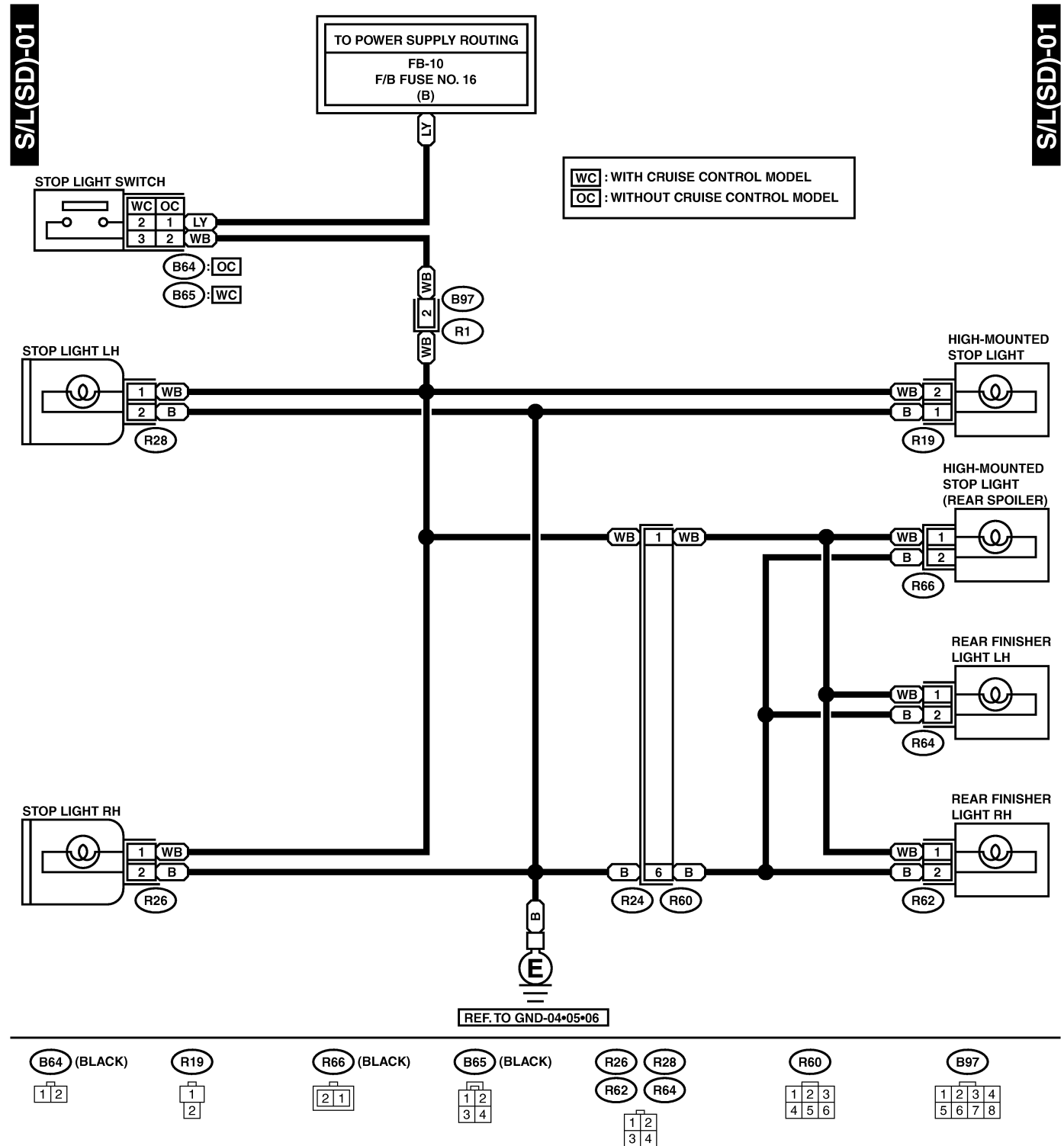
STOP LIGHT SYSTEM

Wiring System

28. Stop Light System S903417

A: SCHEMATIC S903417A21

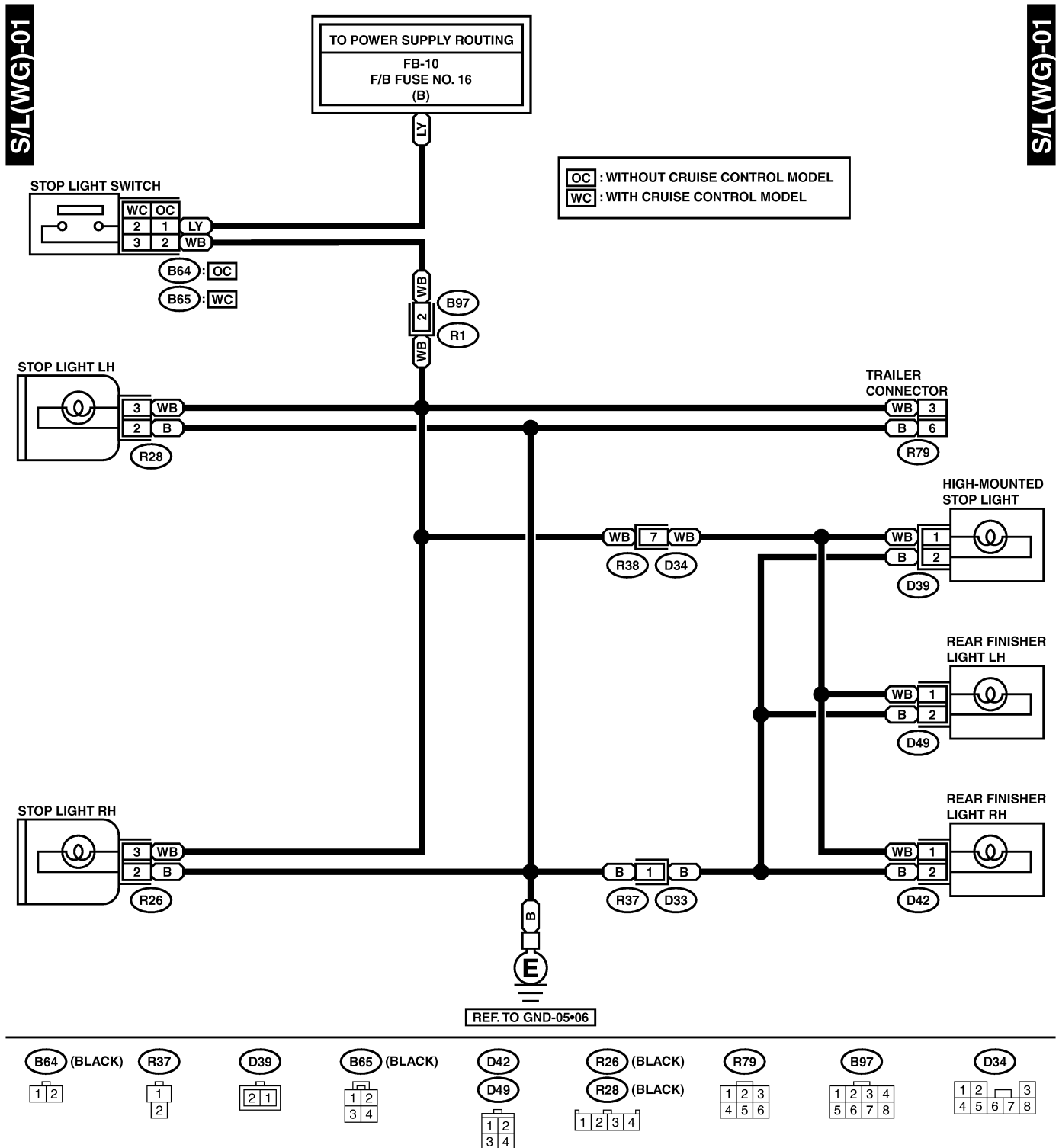
1. SEDAN MODEL S903417A2101



STOP LIGHT SYSTEM

Wiring System

2. WAGON MODEL S903417A2102



TURN SIGNAL LIGHT AND HAZARD LIGHT SYSTEM

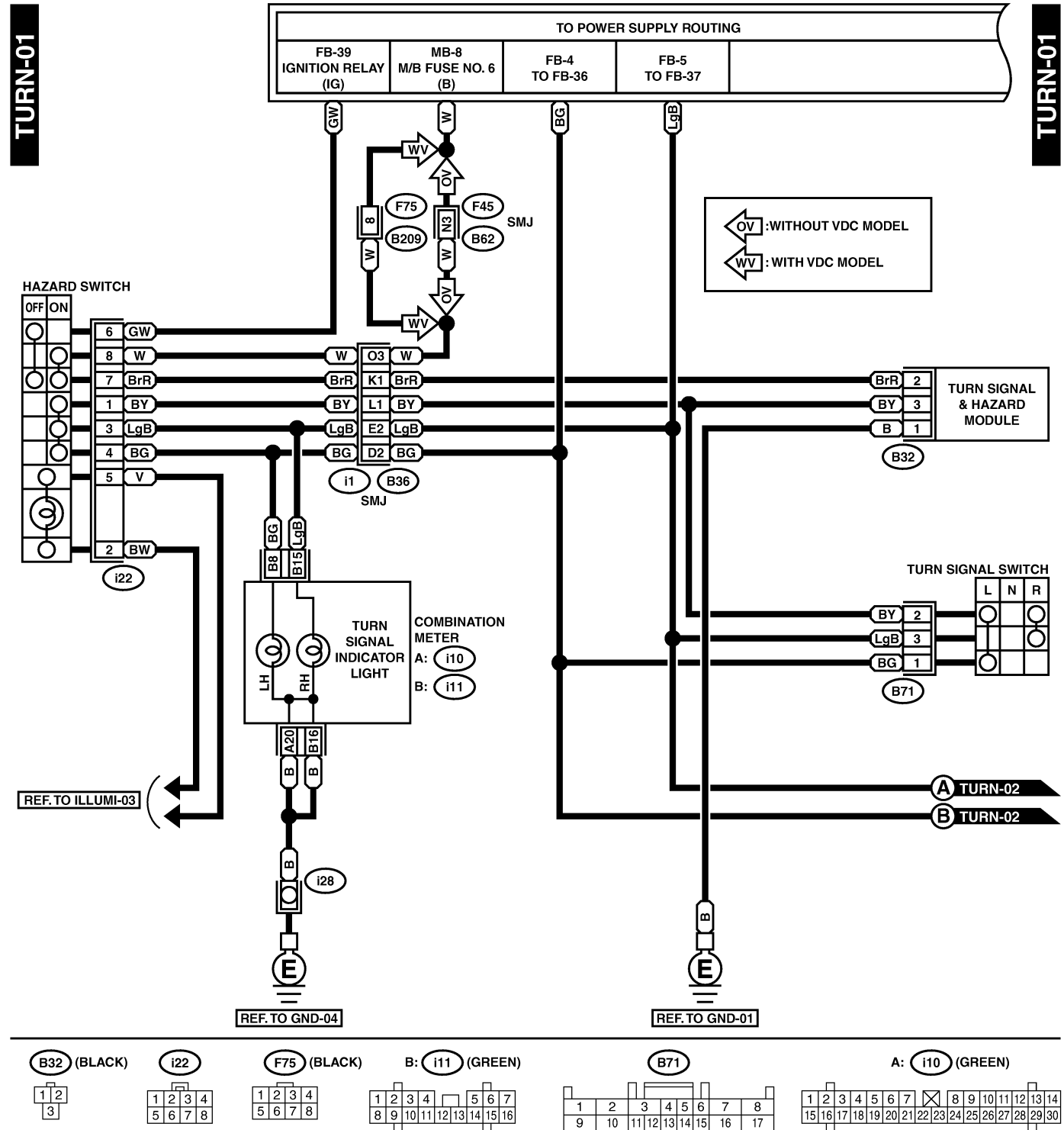
Wiring System

29. Turn Signal Light and Hazard Light System

S903481

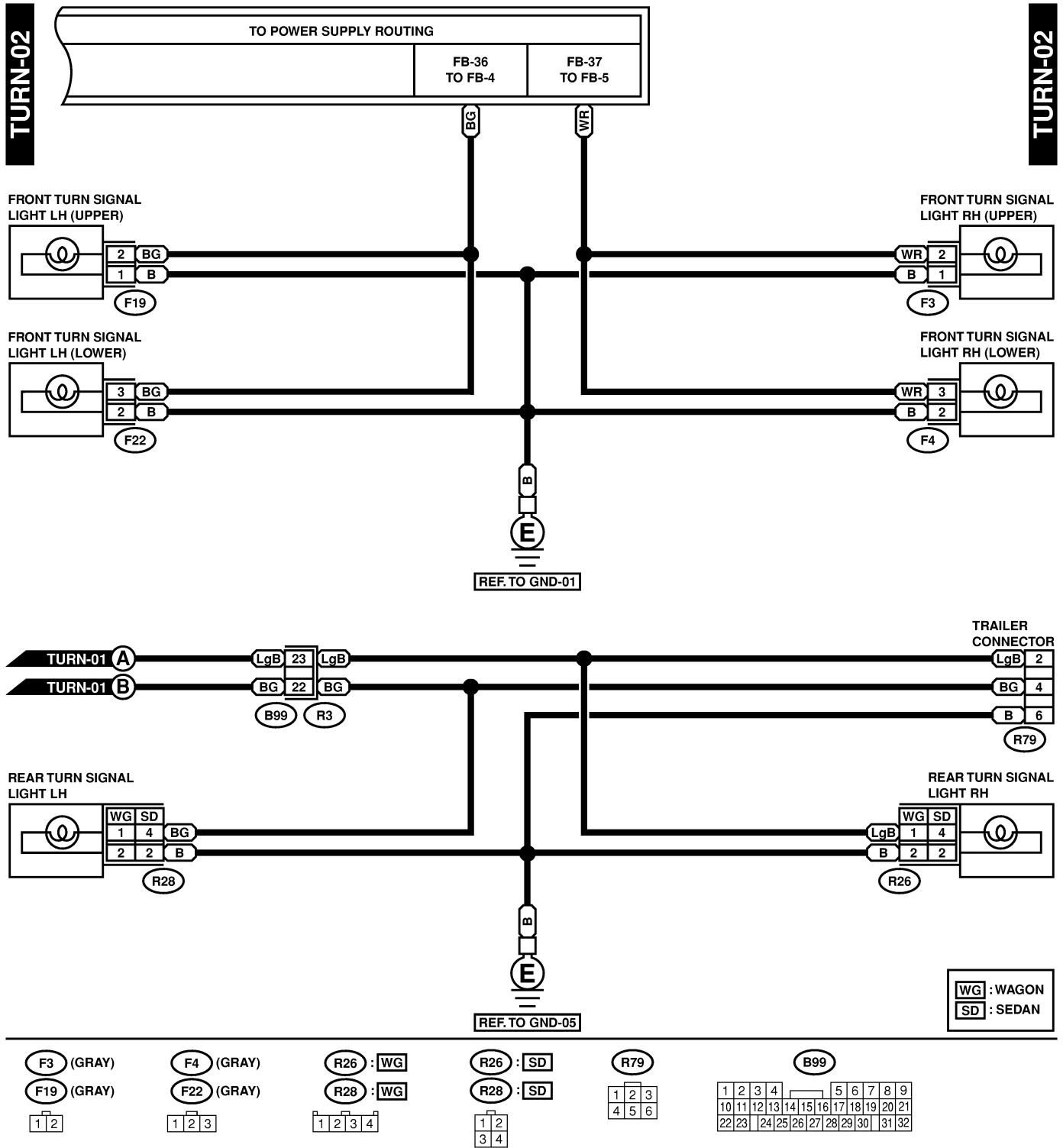
A: SCHEMATIC

S903481A21



TURN SIGNAL LIGHT AND HAZARD LIGHT SYSTEM

Wiring System



A: SCHEMATIC S903666A21



S903667

S903667A21

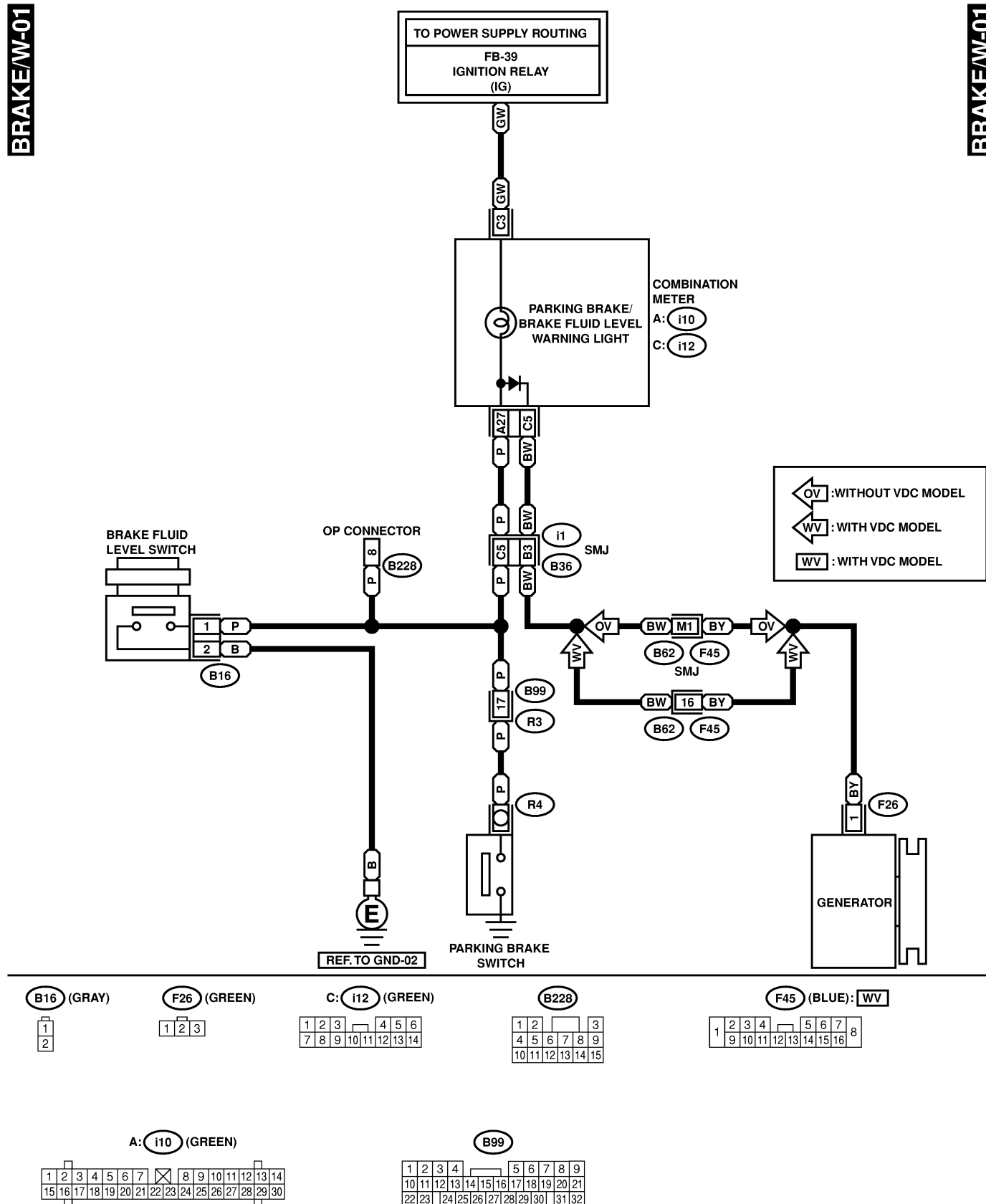


A: SCHEMATIC S903668A21



33. Parking Brake and Brake Fluid Level Warning System S903478

A: SCHEMATIC S903478A21

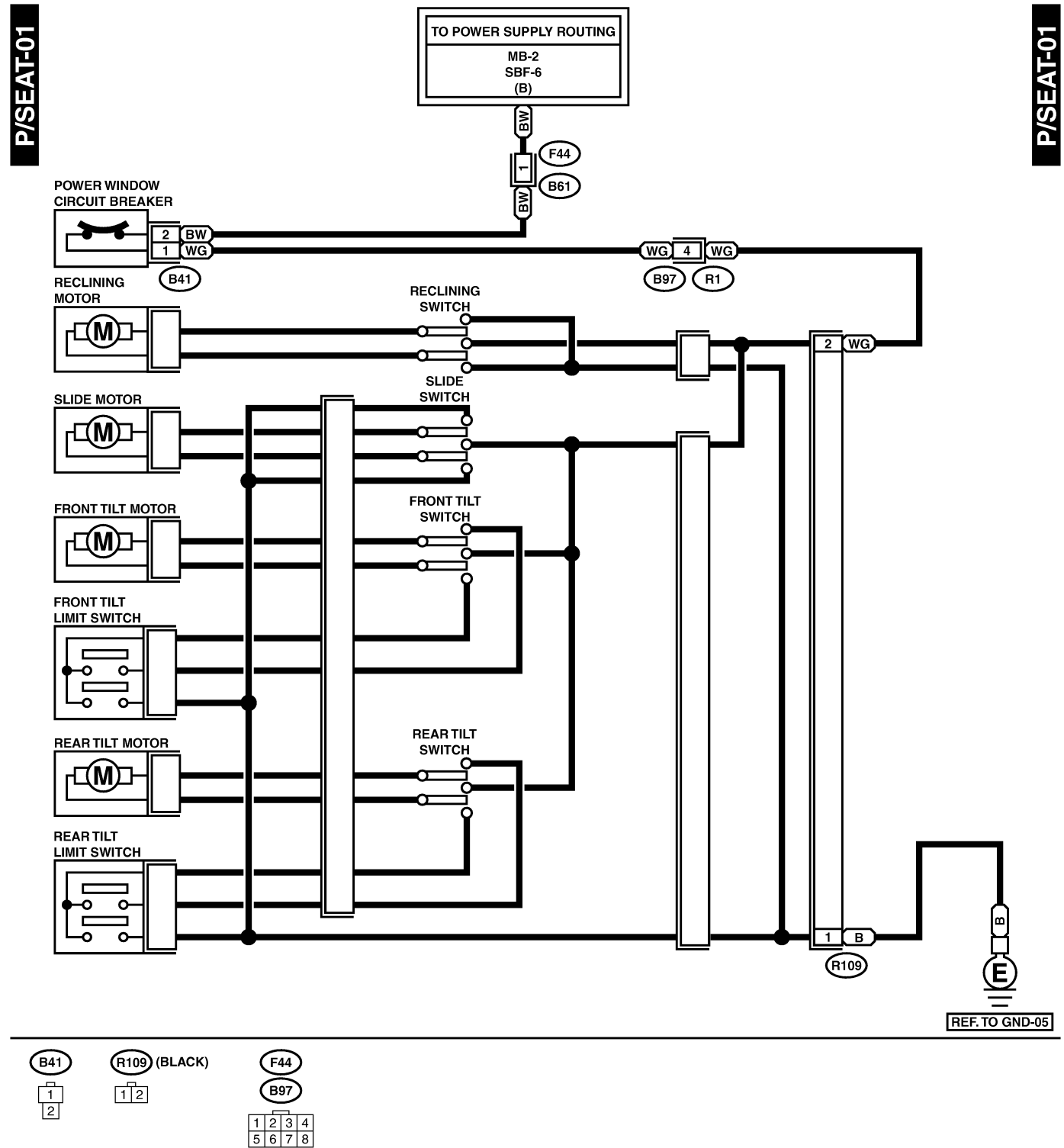


POWER SEAT SYSTEM

Wiring System

34. Power Seat System S903669

A: SCHEMATIC S903669A21



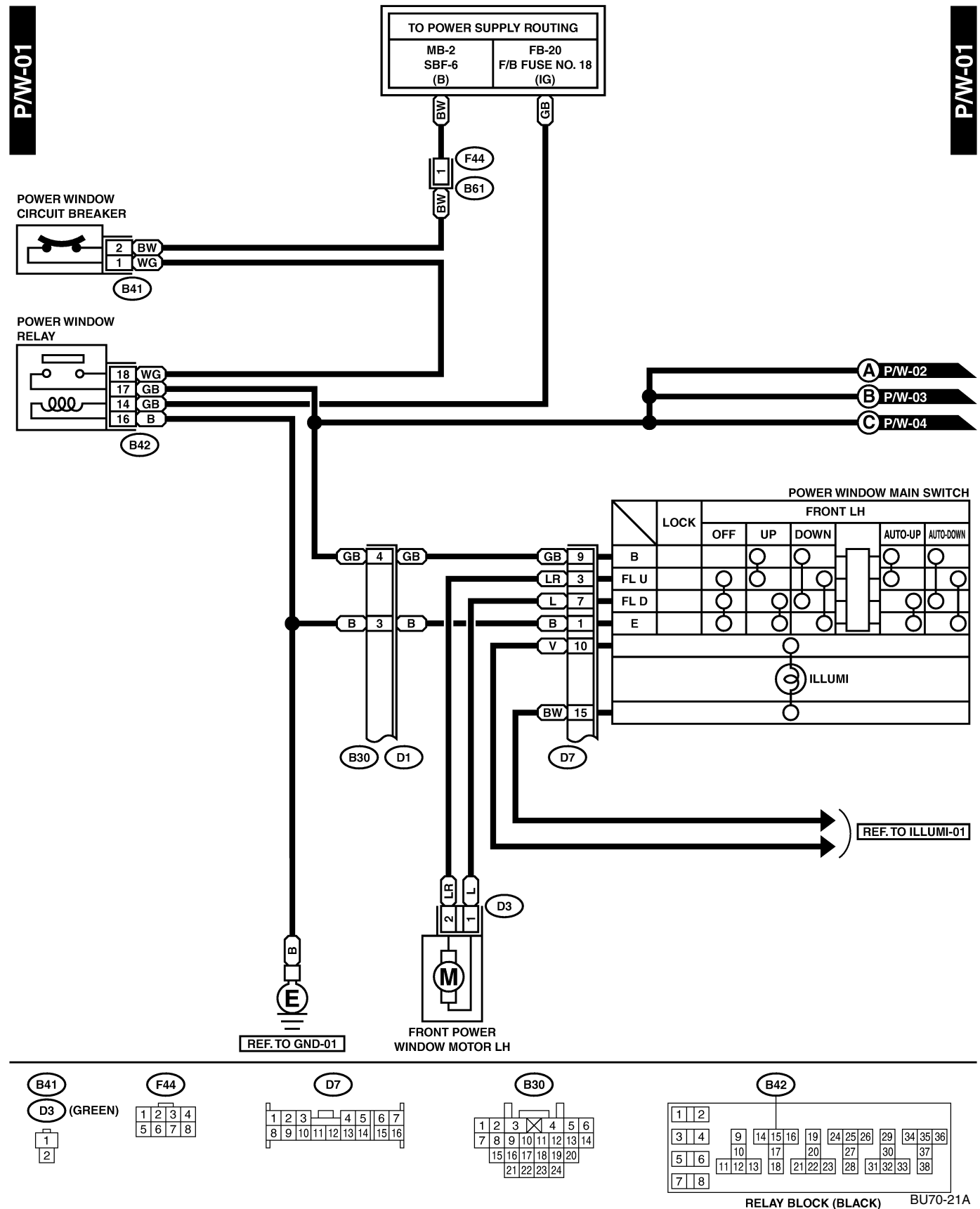
MEMO:

POWER WINDOW SYSTEM

Wiring System

35. Power Window System S903456

A: SCHEMATIC S903456A21

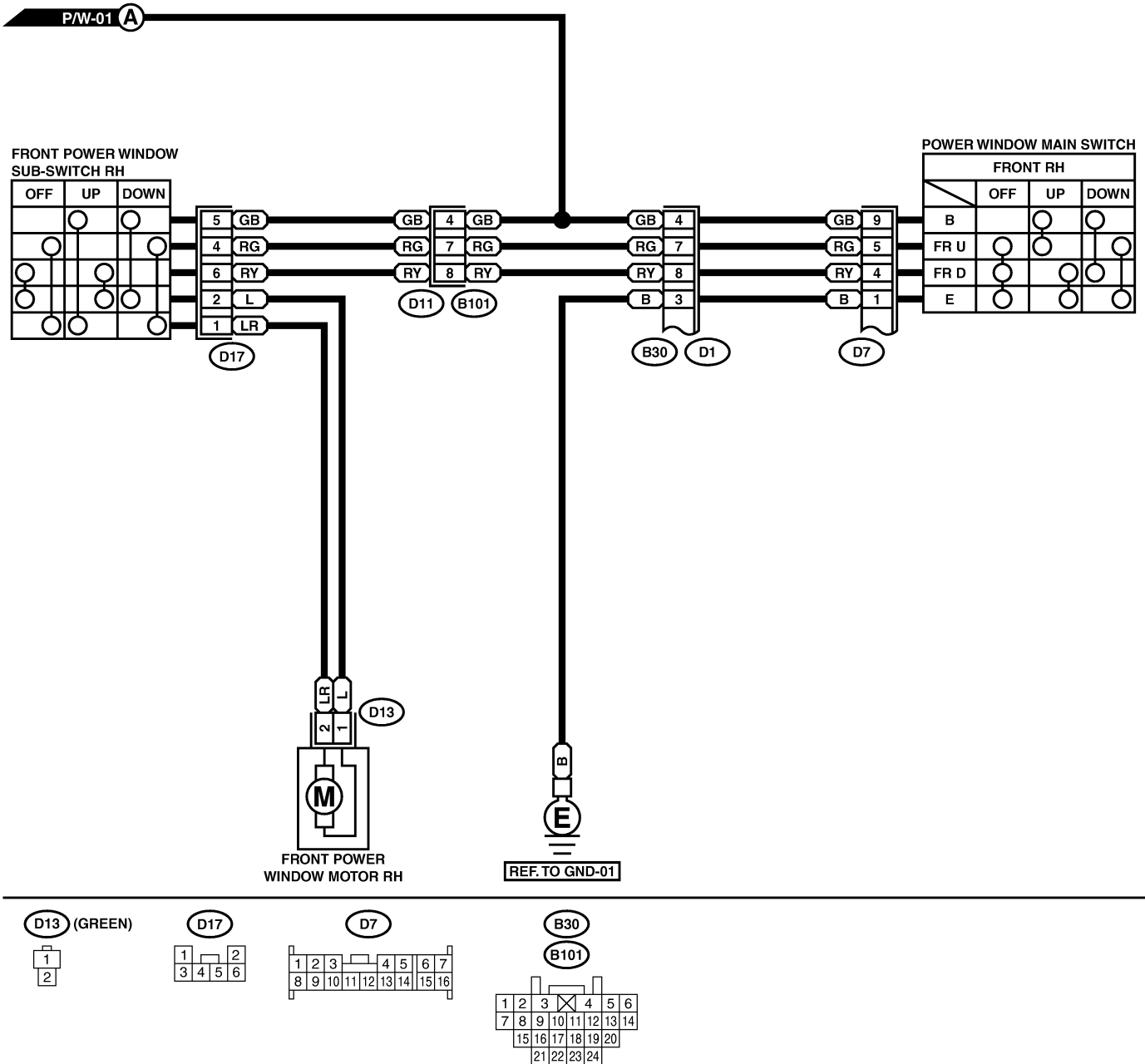


POWER WINDOW SYSTEM

Wiring System

P/W-02

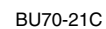
P/W-02



Wiring System

P/W-03

P/W-03

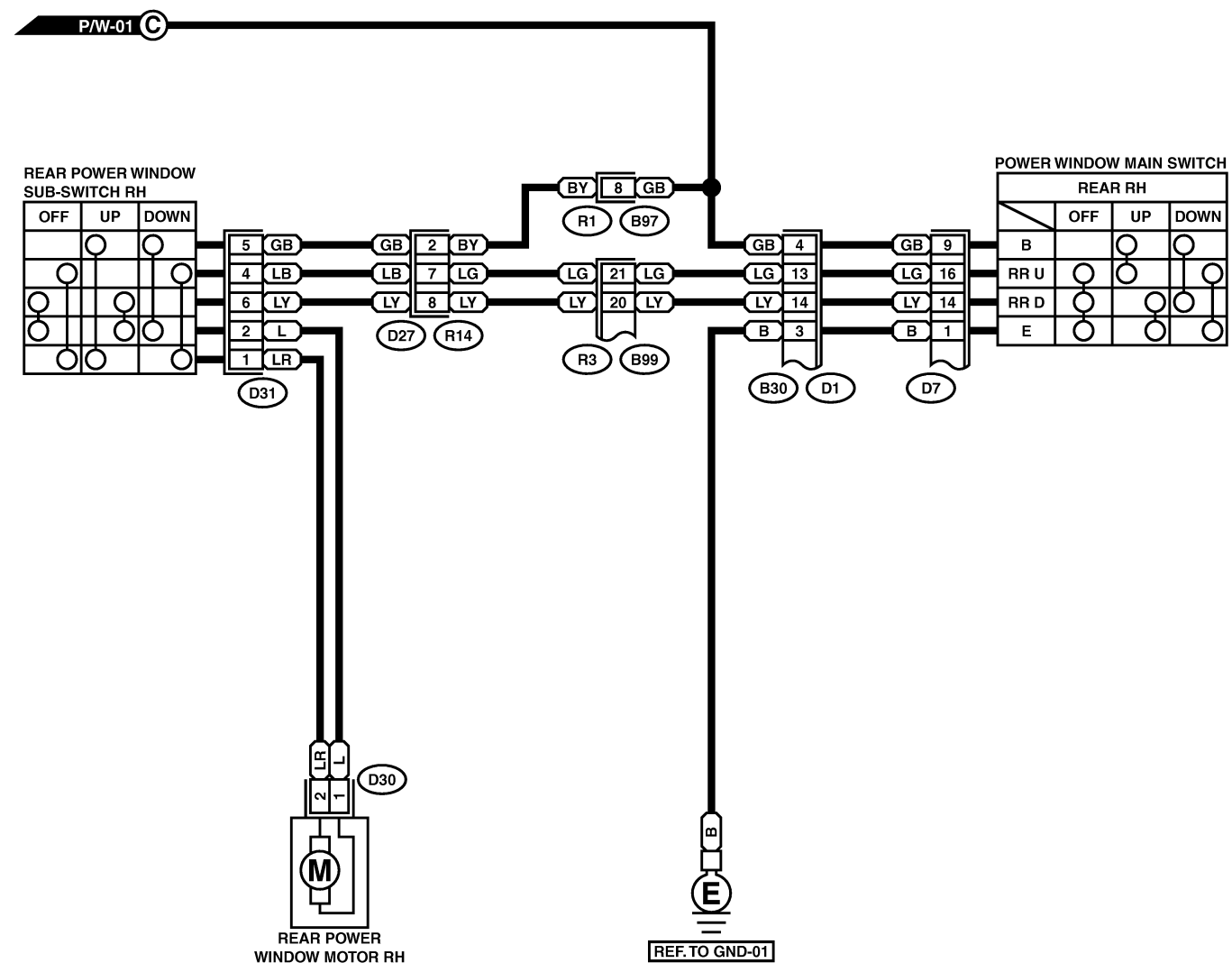


POWER WINDOW SYSTEM

Wiring System

P/W-04

P/W-04



D30 (GREEN)



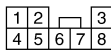
D31



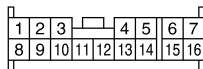
B97



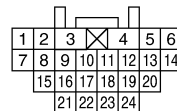
R14



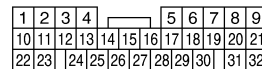
D7



B30



B99



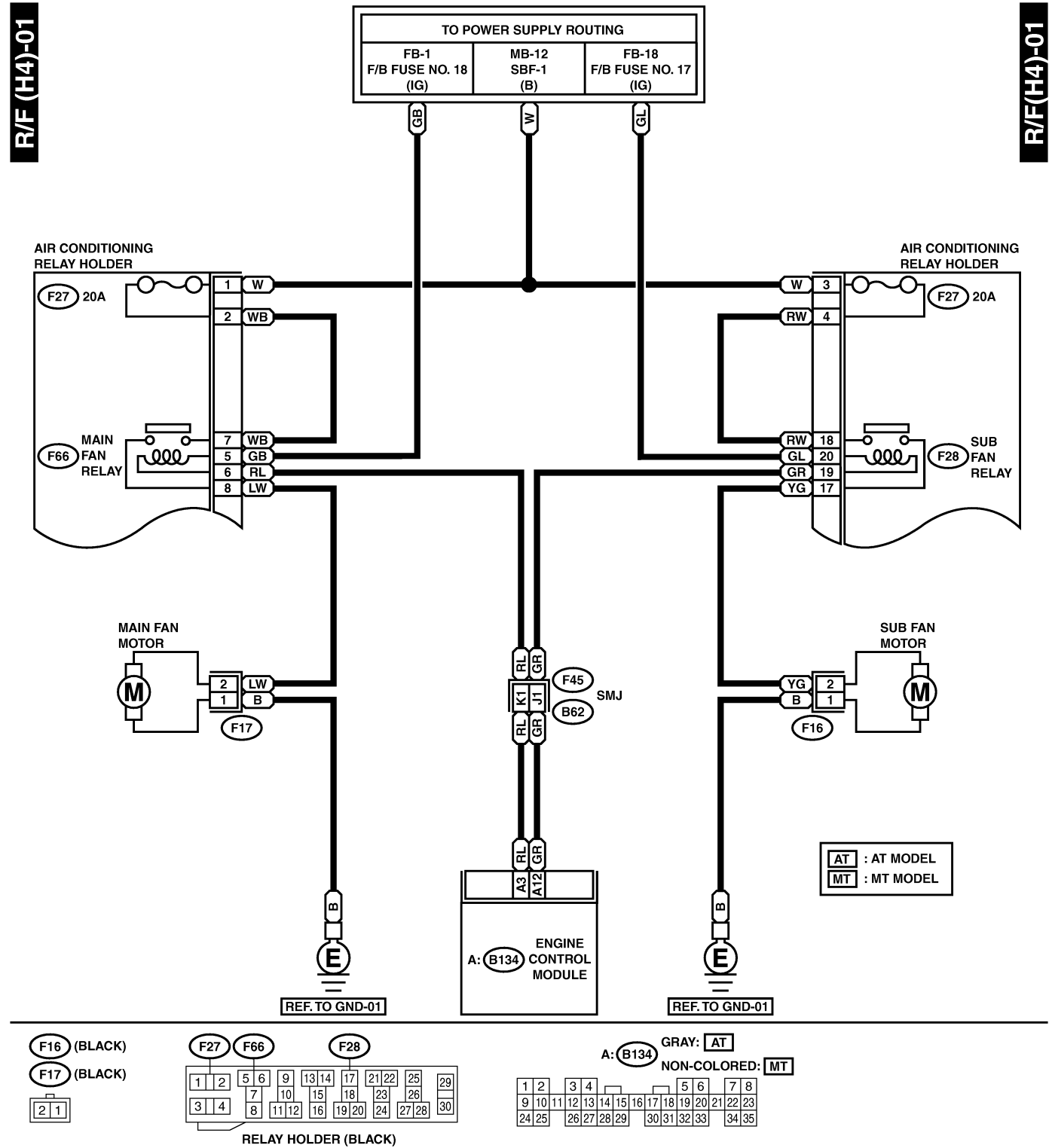
RADIATOR FAN SYSTEM

Wiring System

36. Radiator Fan System S903480

A: SCHEMATIC S903480A21

1. 4-CYLINDER ENGINE MODEL S903480A2101



Wiring System

R/F(H6)-01

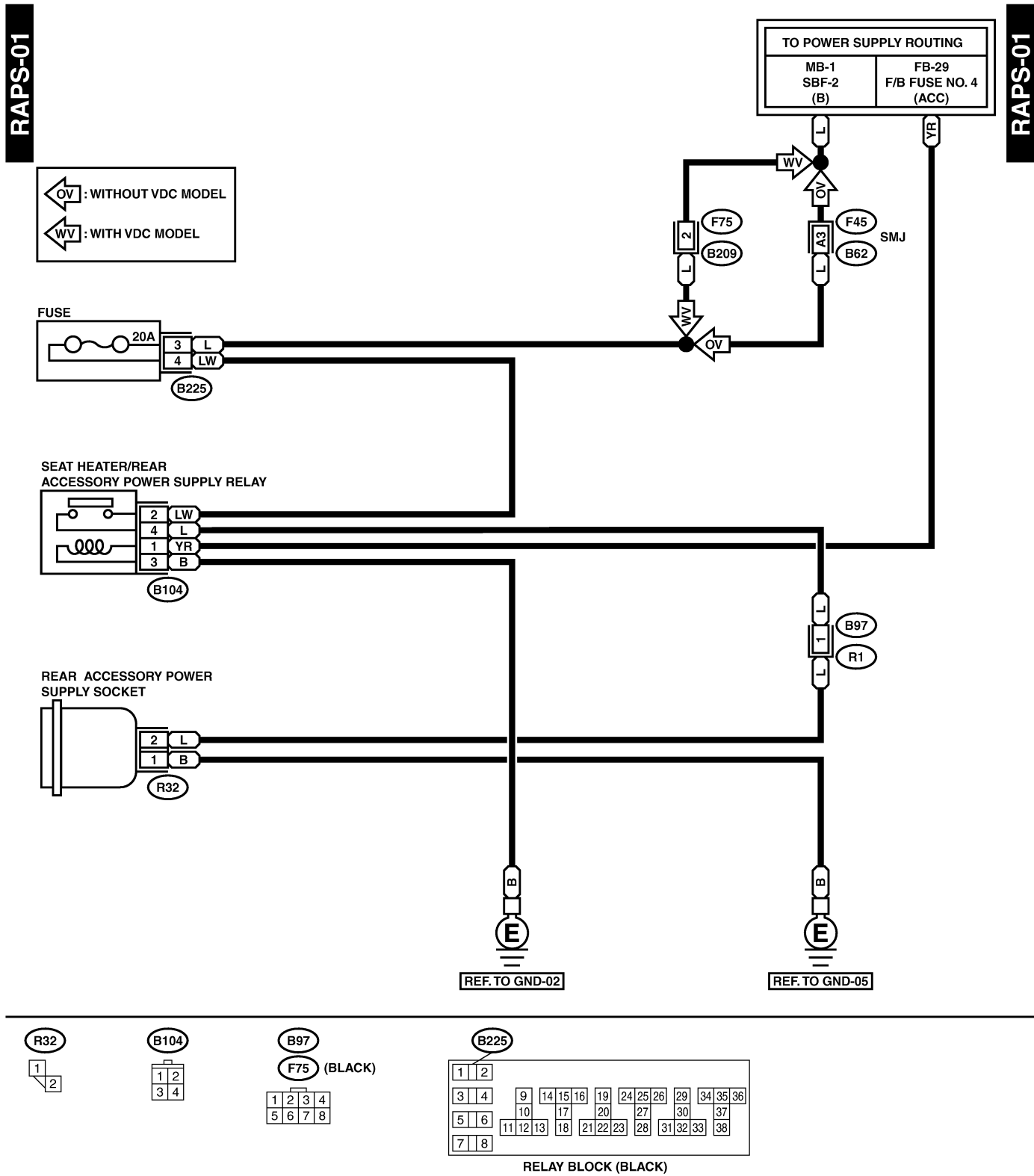


REAR ACCESSORY POWER SUPPLY SYSTEM

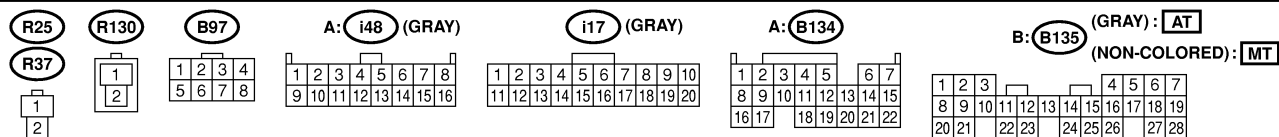
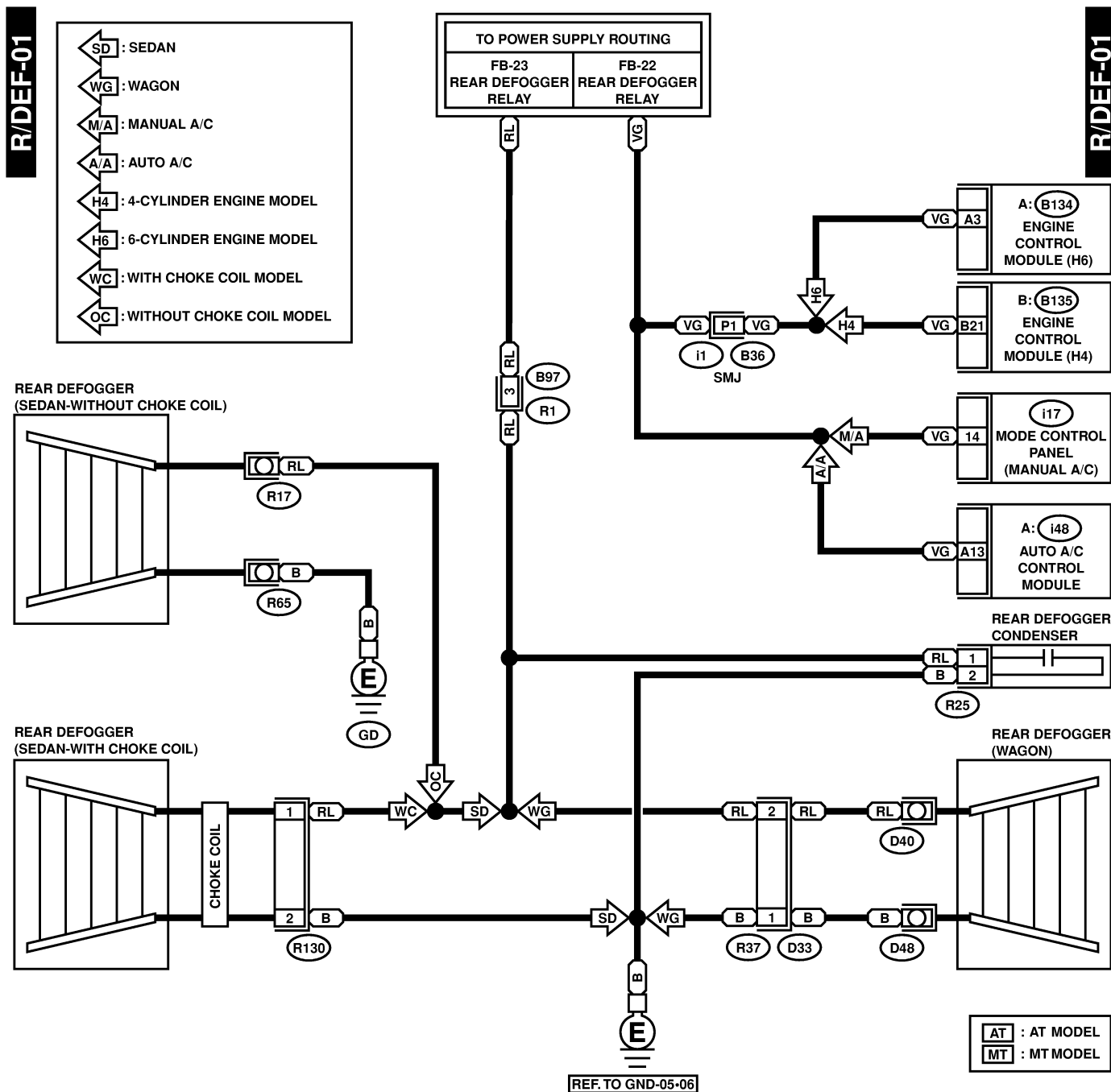
Wiring System

37. Rear Accessory Power Supply System

A: SCHEMATIC



A: SCHEMATIC S903455A21



Wiring System

S903459

S903459A21



40. Seat Belt Warning System

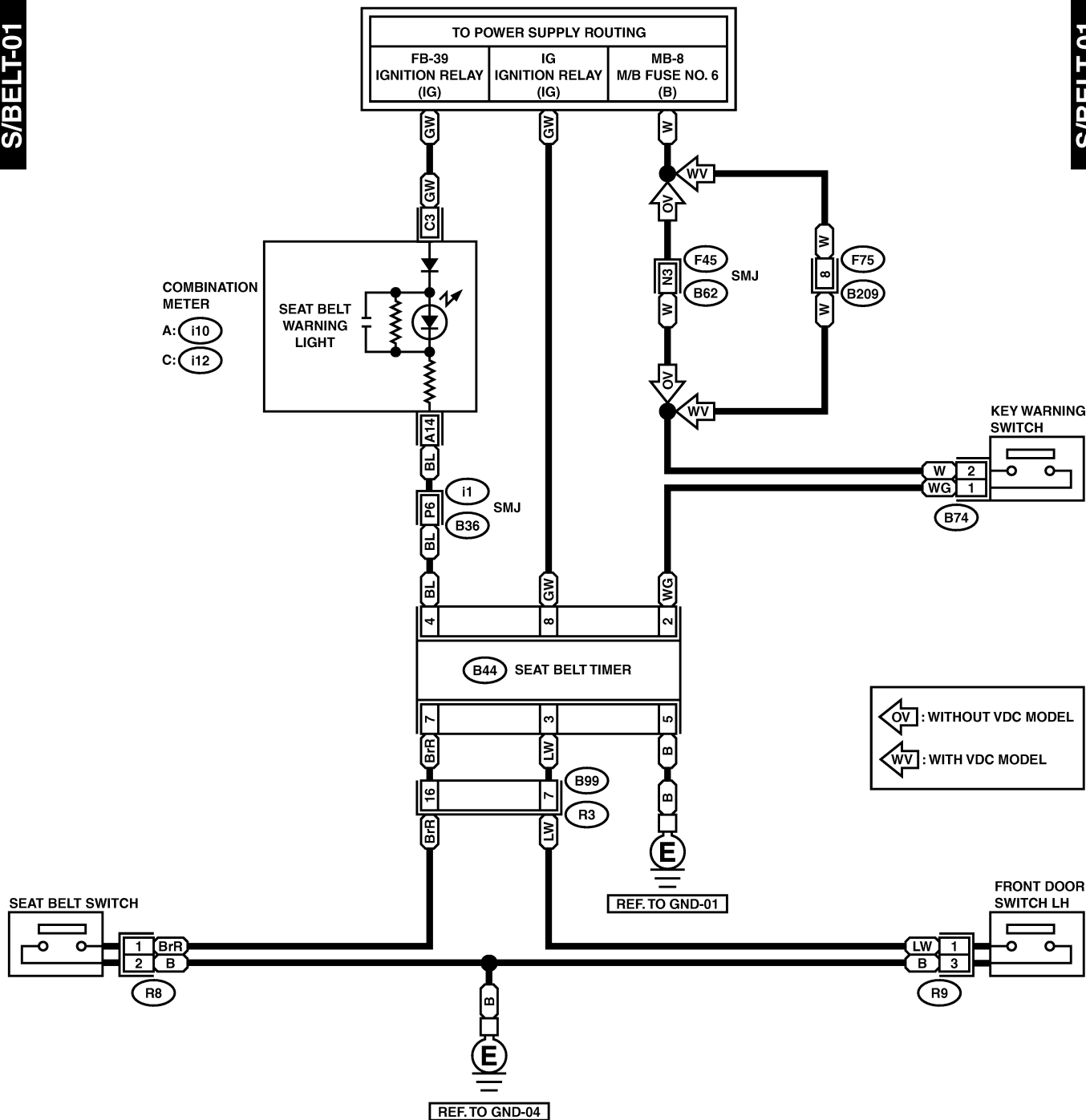
S903483

A: SCHEMATIC

S903483A21

S/BELT-01

S/BELT-01



B74 (BLACK)



R8



R9



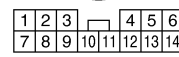
F75 (BLACK)



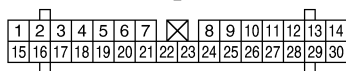
B44



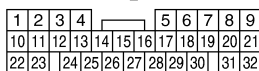
C: i12 (GREEN)



A: i10 (GREEN)



B99



S903462

S903462A21



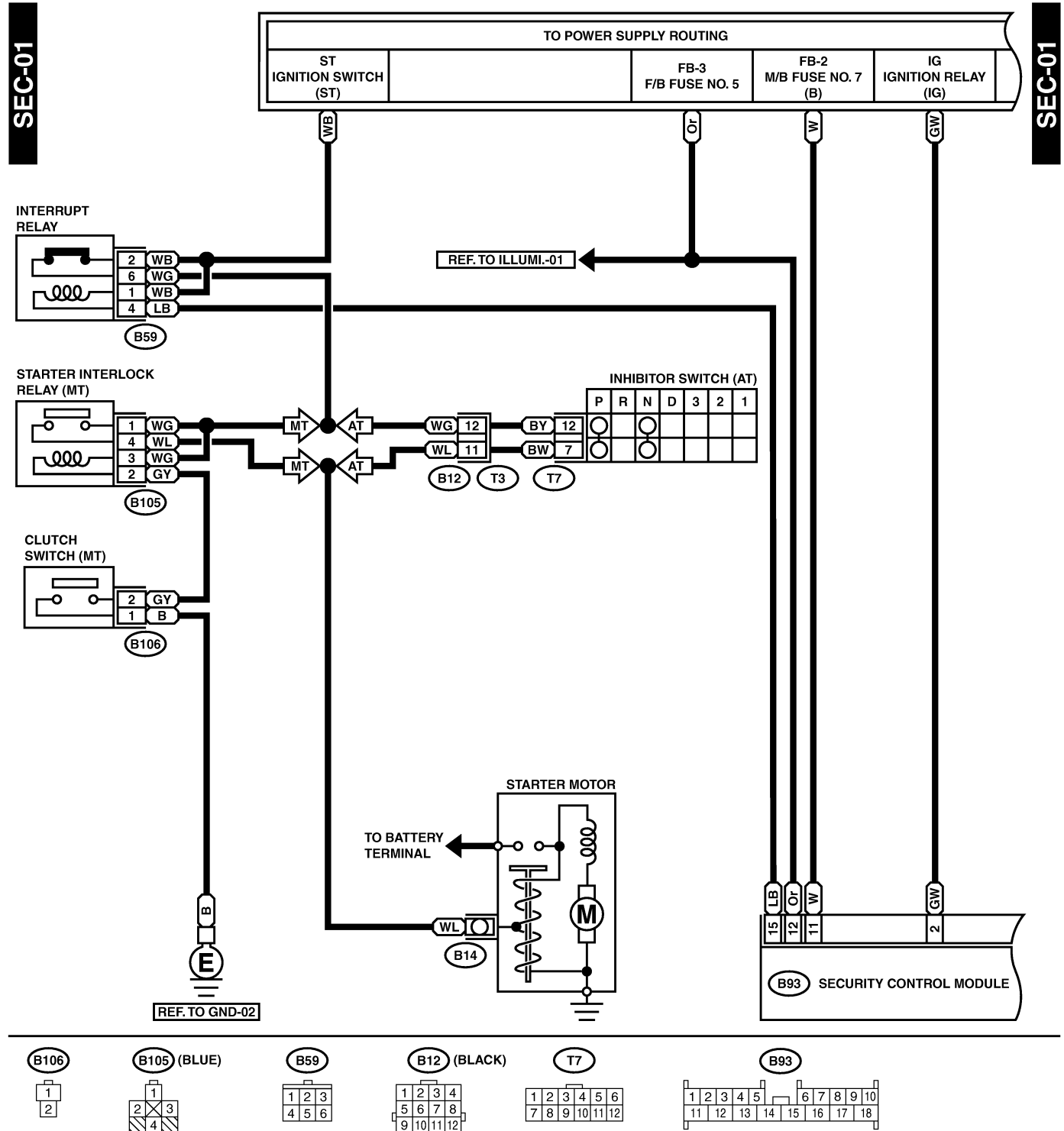
MEMO:

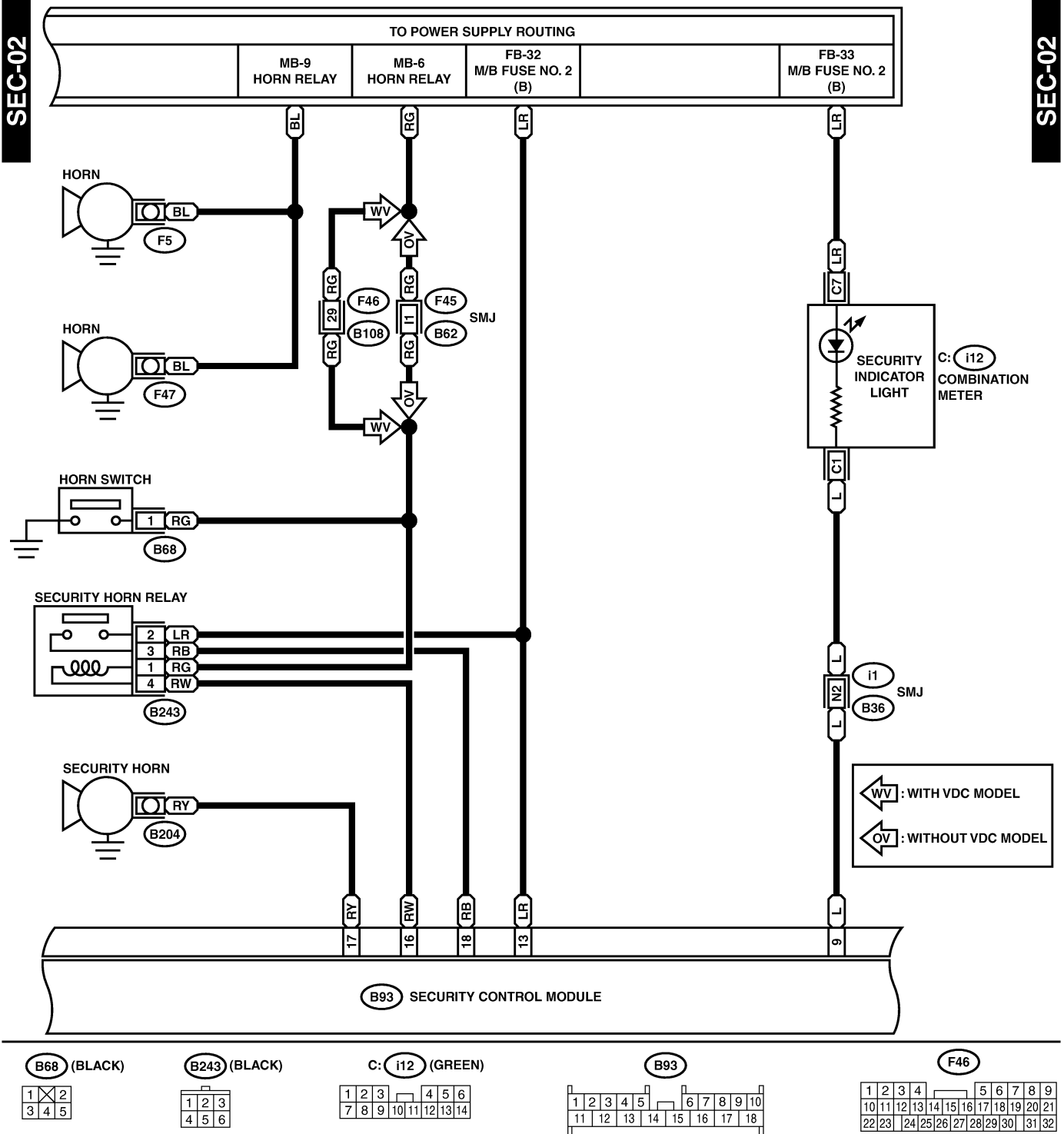
SECURITY SYSTEM

Wiring System

42. Security System S903347

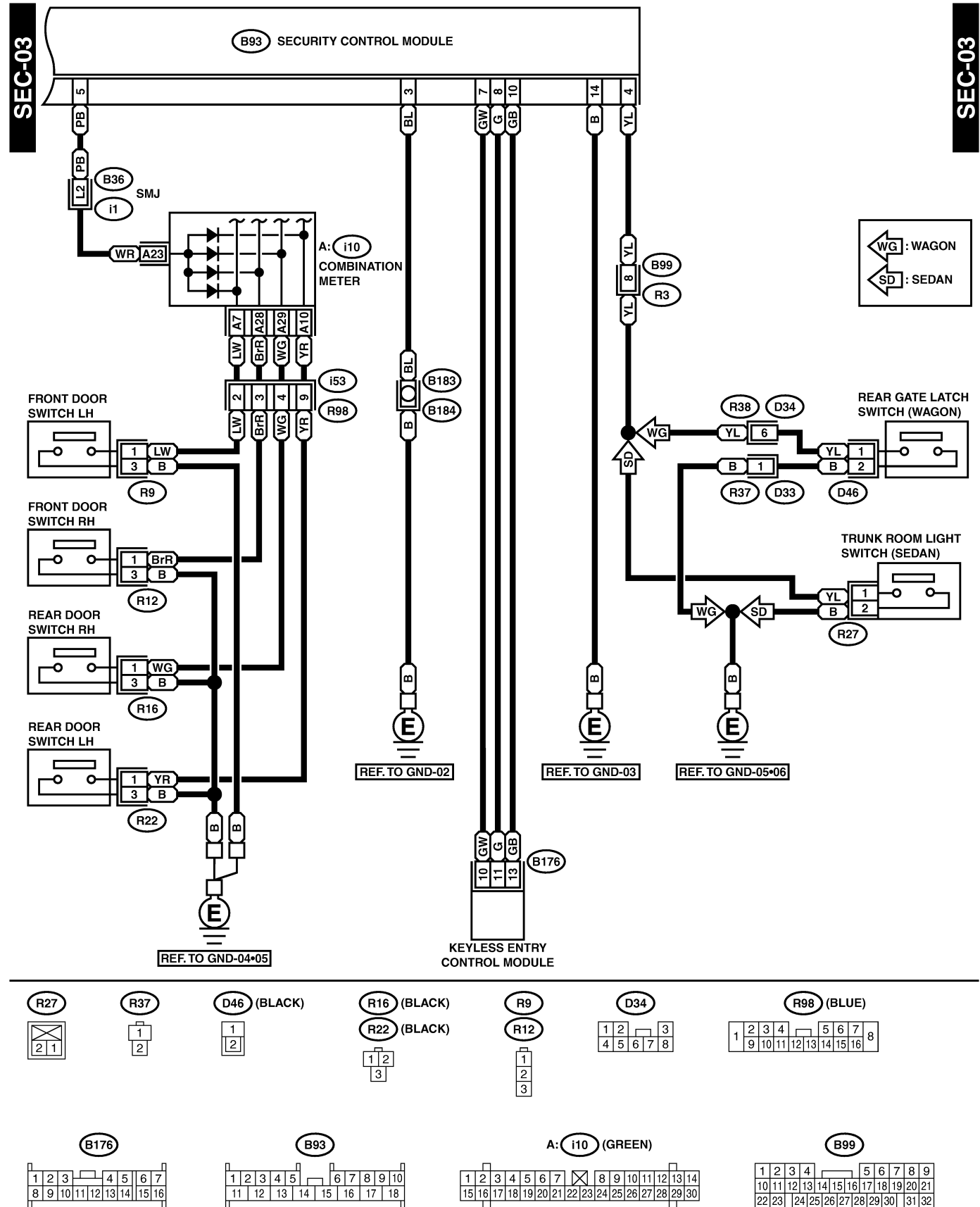
A: SCHEMATIC S903347A21





SECURITY SYSTEM

Wiring System



BU94-23C

MEMO:

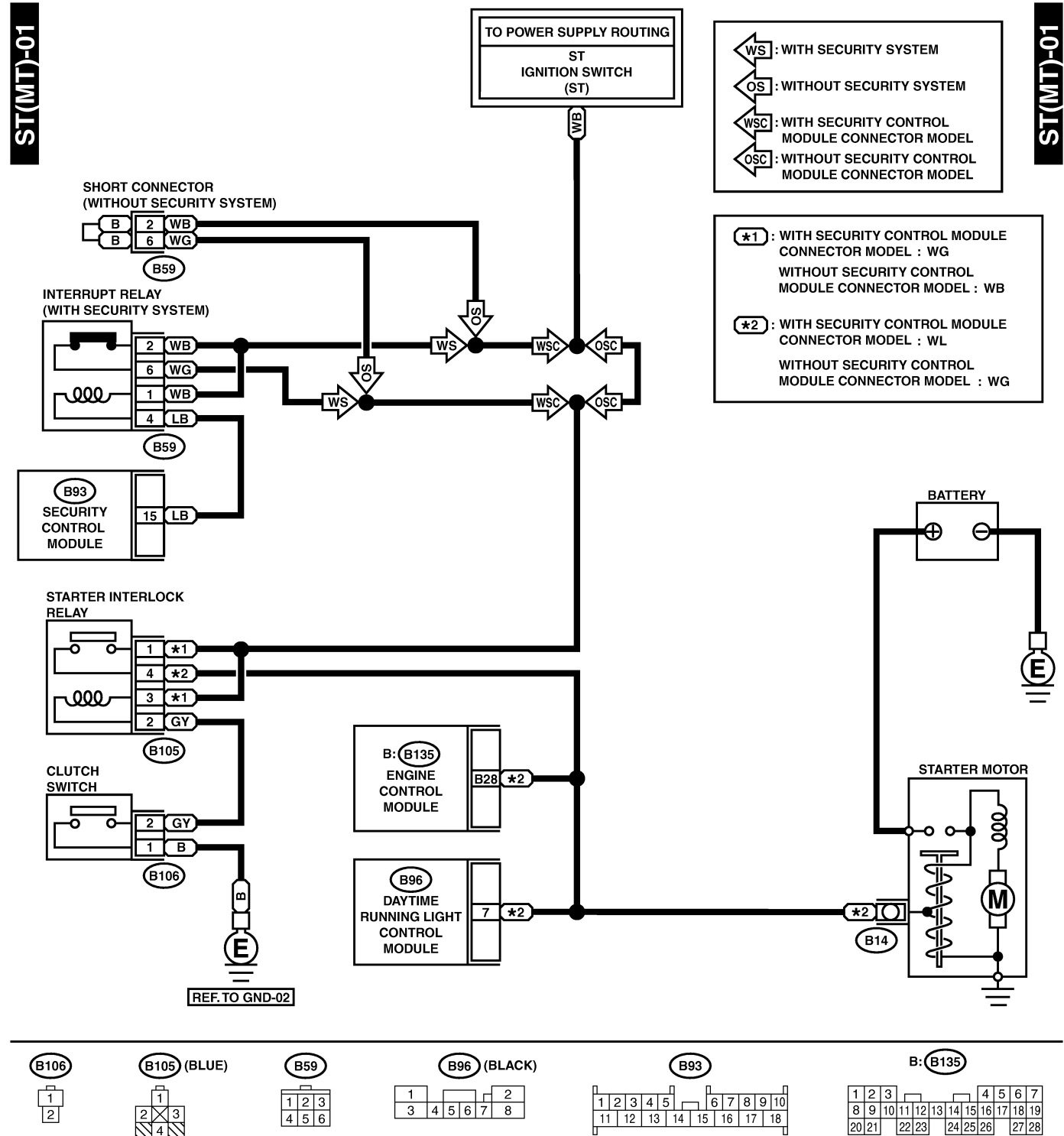
STARTER SYSTEM

Wiring System

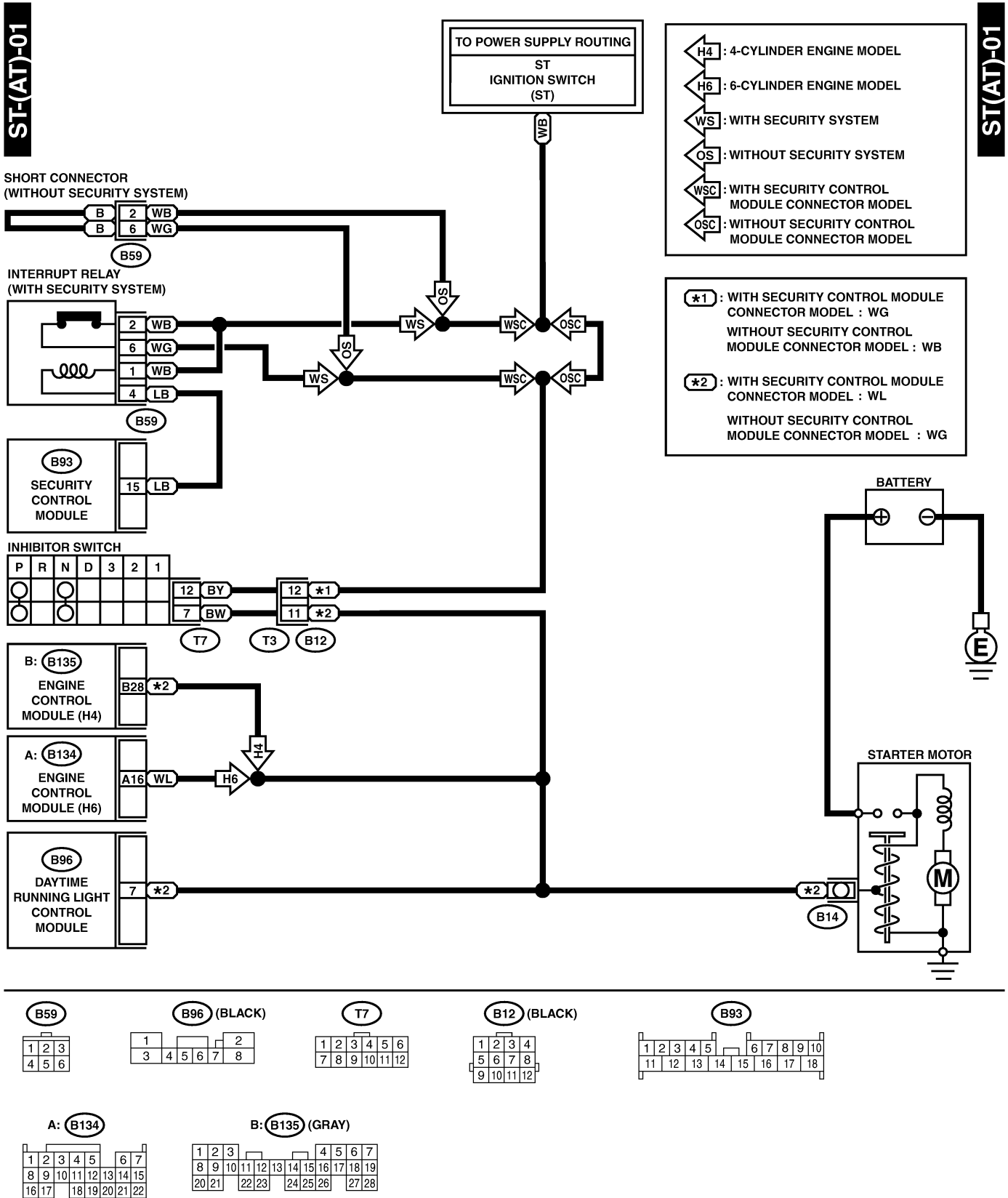
43. Starter System S903439

A: SCHEMATIC S903439A21

1. MT MODEL S903439A2101



2. AT MODEL S903439A2102

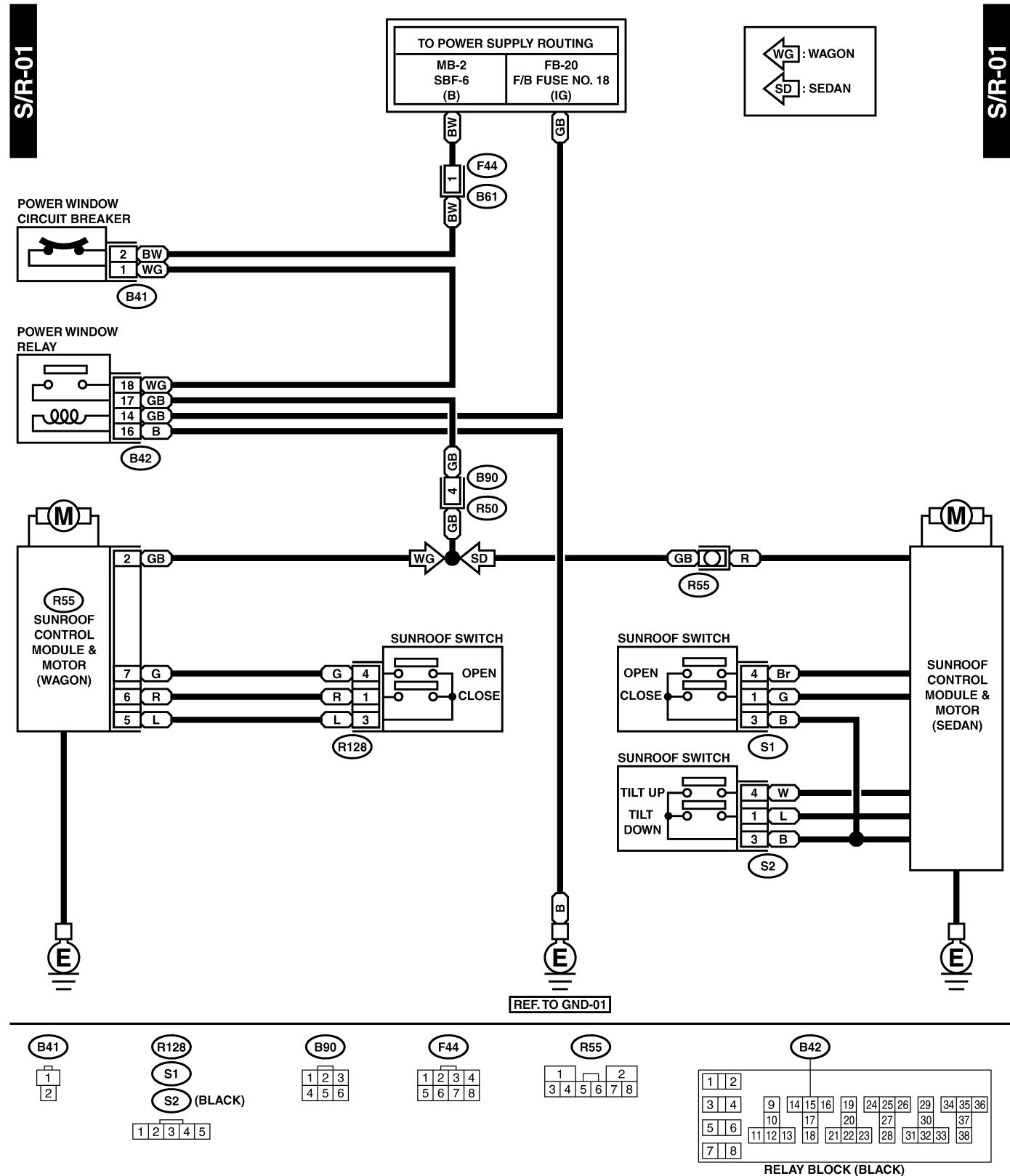


SUNROOF SYSTEM

Wiring System

44. Sunroof System S903440

A: SCHEMATIC S903440A21



S90.3671

S903671A21

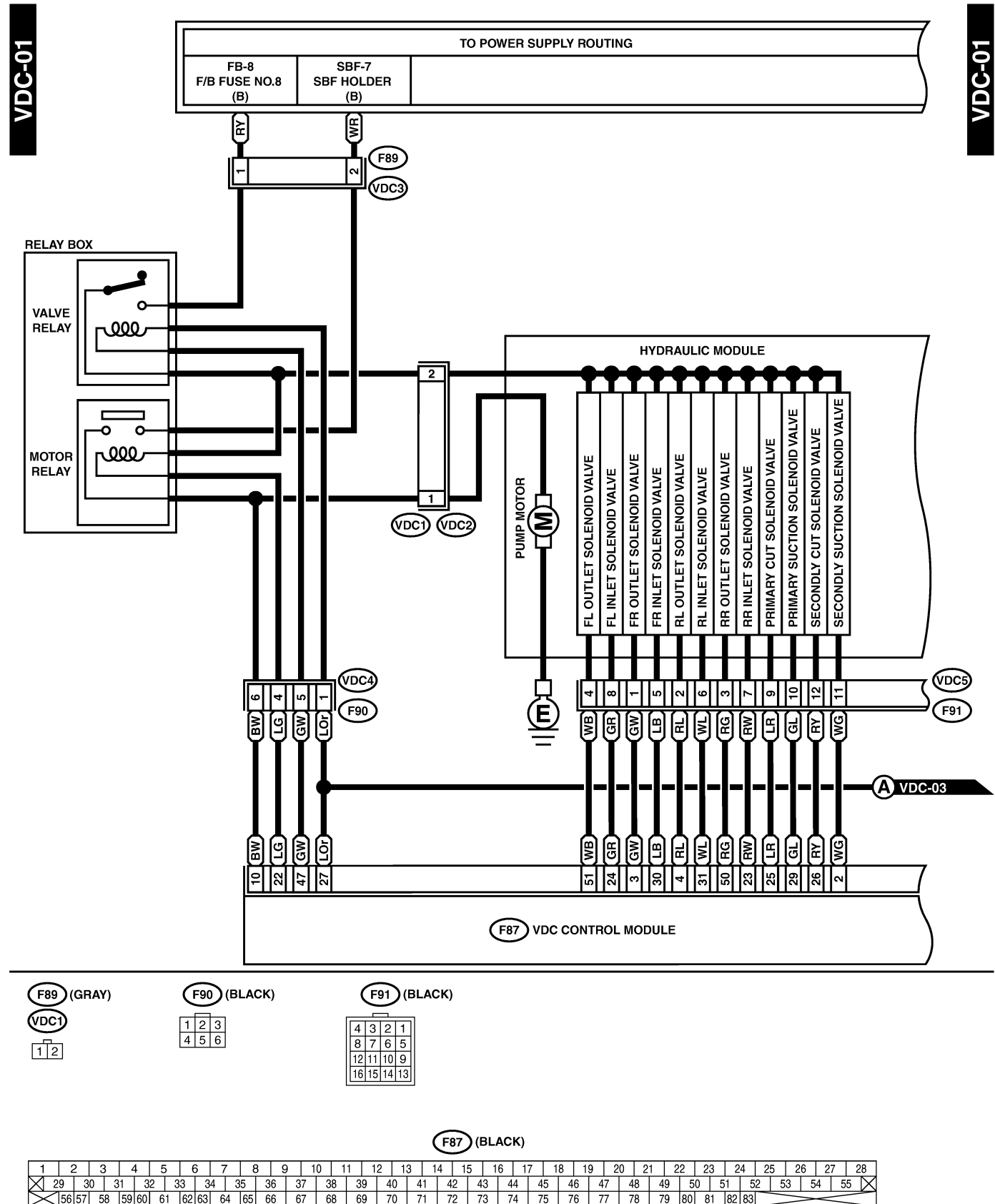


VEHICLE DYNAMIC CONTROL SYSTEM

Wiring System

46. Vehicle Dynamic Control System S903441

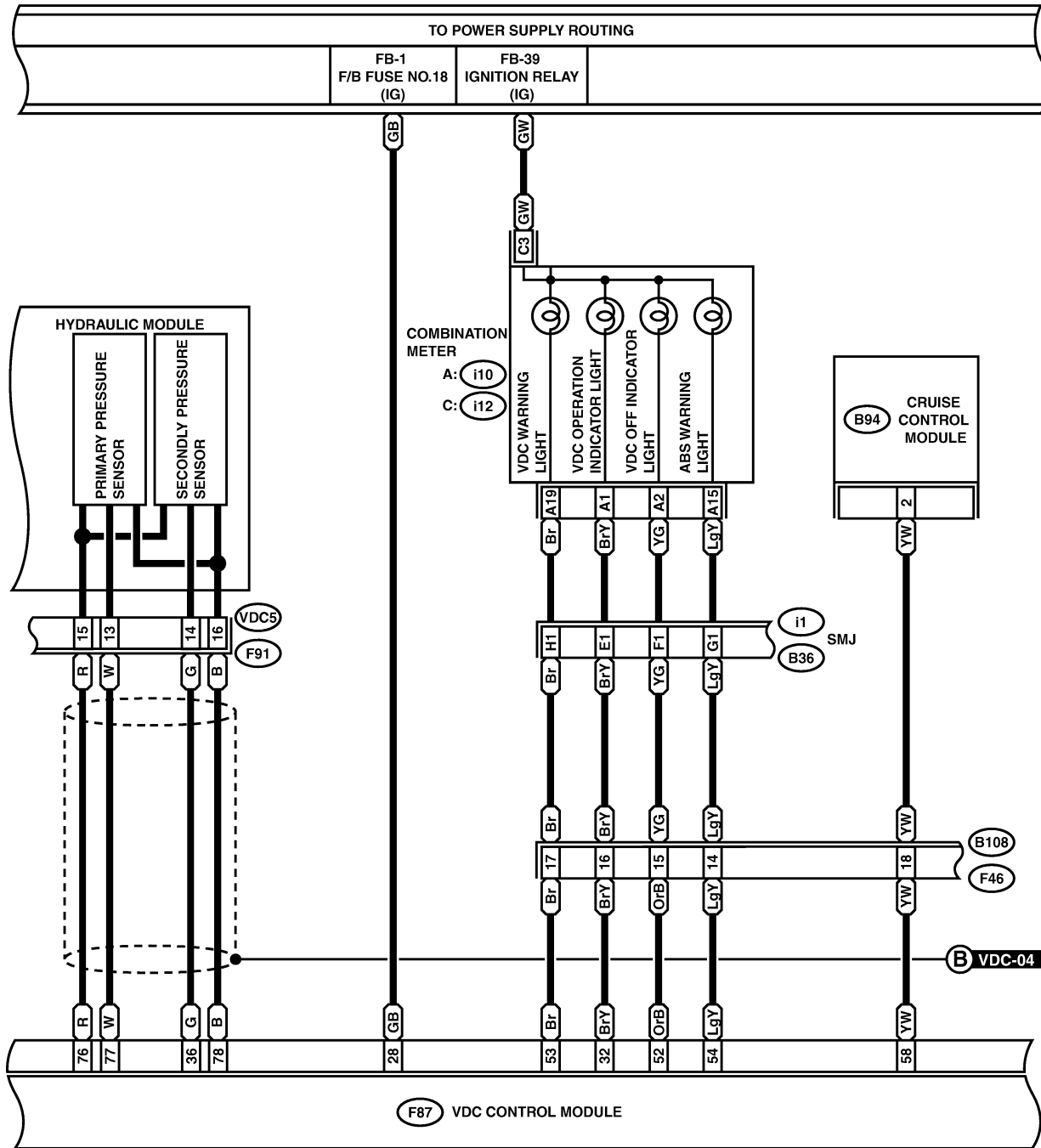
A: SCHEMATIC S903441A21



BU95-22A

VDC-02

VDC-02



C: i12 (GREEN)

1	2	3	4	5	6
7	8	9	10	11	12
13	14				

F91 (BLACK)

4	3	2	1
8	7	6	5
12	11	10	9
16	15	14	13

B94 (BLACK)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

A: i10 (GREEN)

1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30												

F46

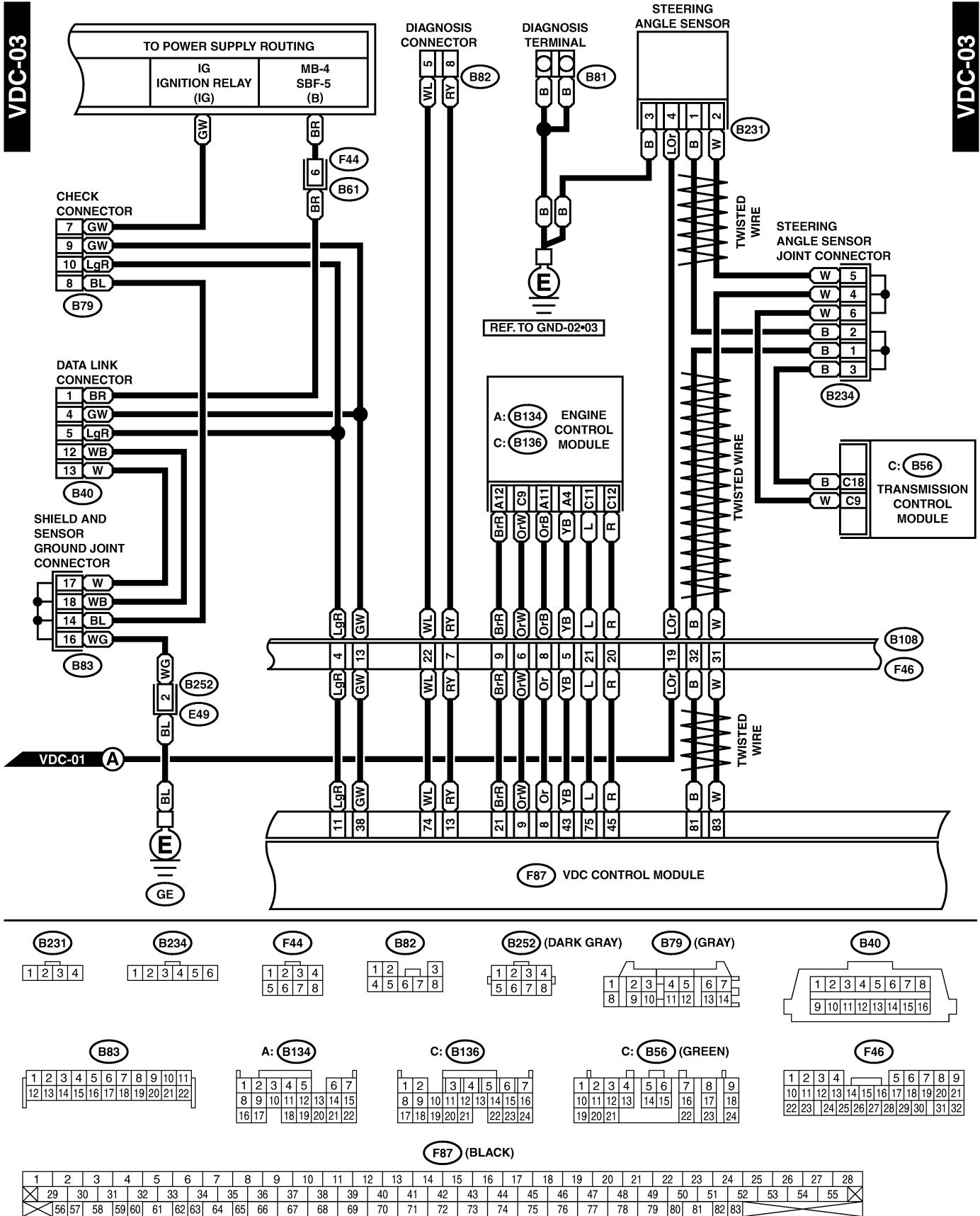
1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32				

F87 (BLACK)

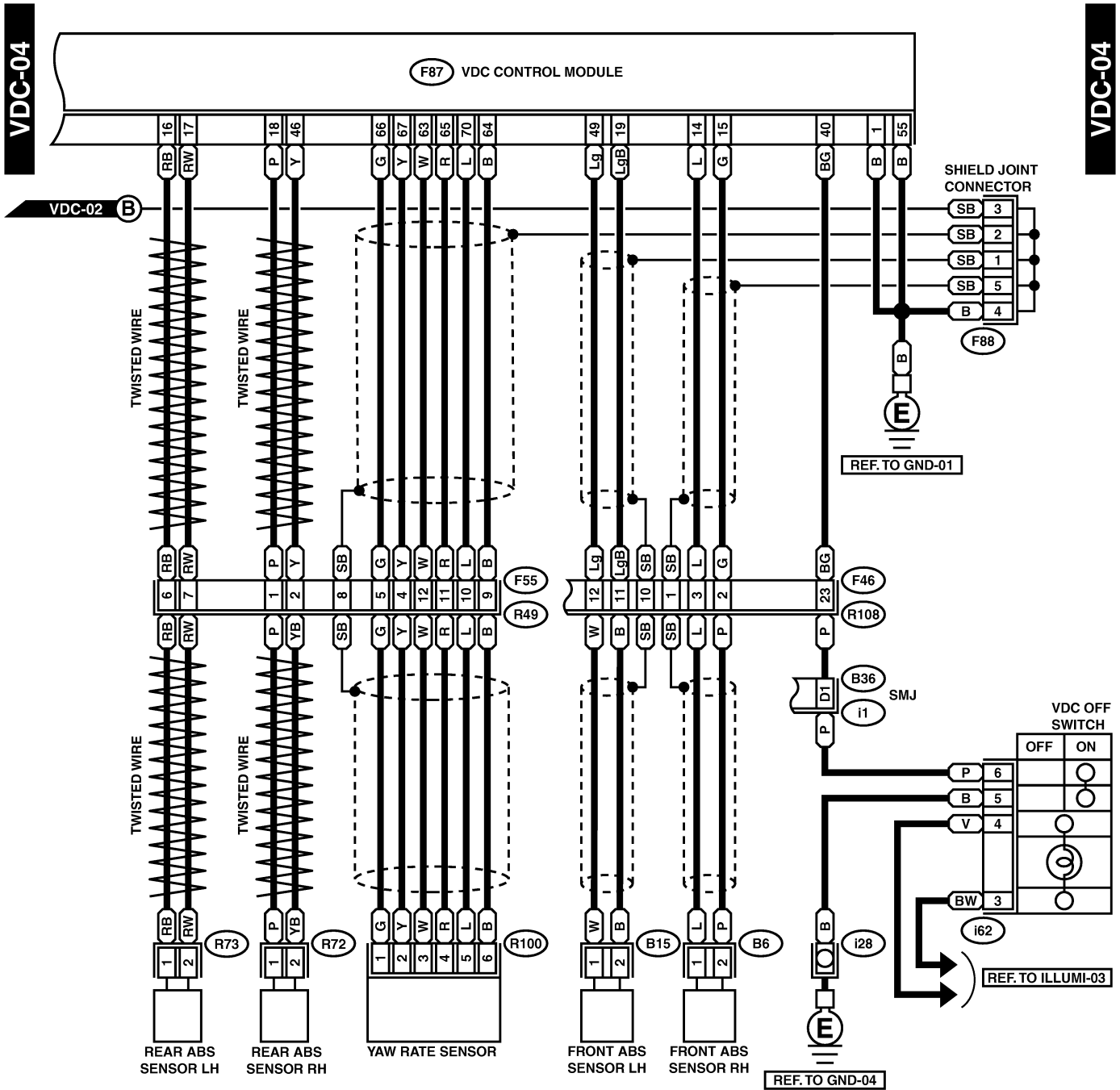
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	
56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83

VEHICLE DYNAMIC CONTROL SYSTEM

Wiring System



BU95-22C



B6 (BROWN)

B15 (BROWN)

R73 (GRAY)

R72 (GRAY)

2 1

i62

1	2
3	4
5	6

R100 (BLACK)

1	2	3
4	5	6

F88

1	2	3	4
5	6	7	8

F55

1	2	3	4	5
6	7	8	9	10
11	12			

F46

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32				

F87 (BLACK)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	
56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83

WIPER AND WASHER SYSTEM (FRONT)

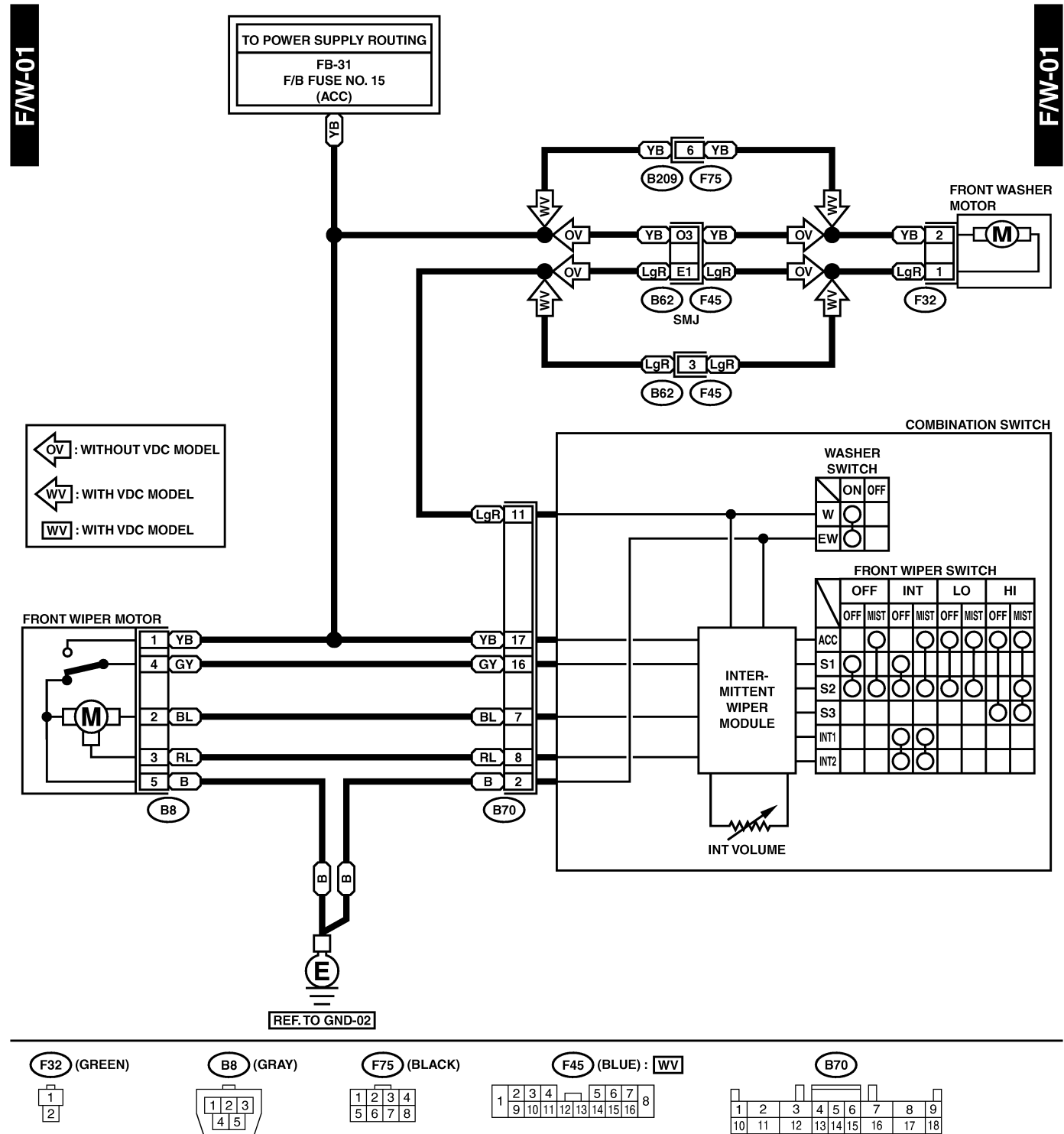
Wiring System

47. Wiper and Washer System (Front)

S903442

A: SCHEMATIC

S903442A21

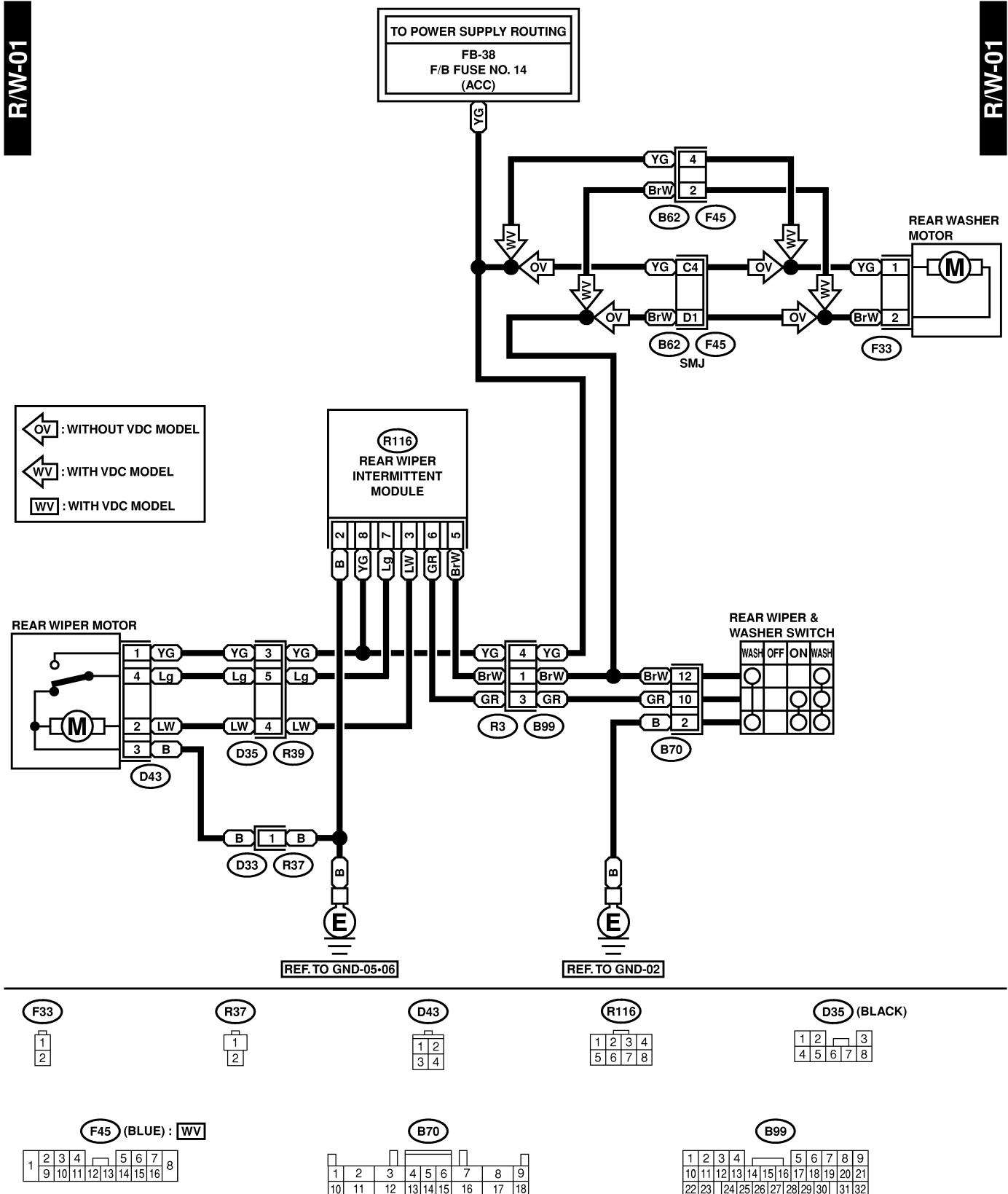


48. Wiper and Washer System (Rear)

S903443

A: SCHEMATIC

S903443A21

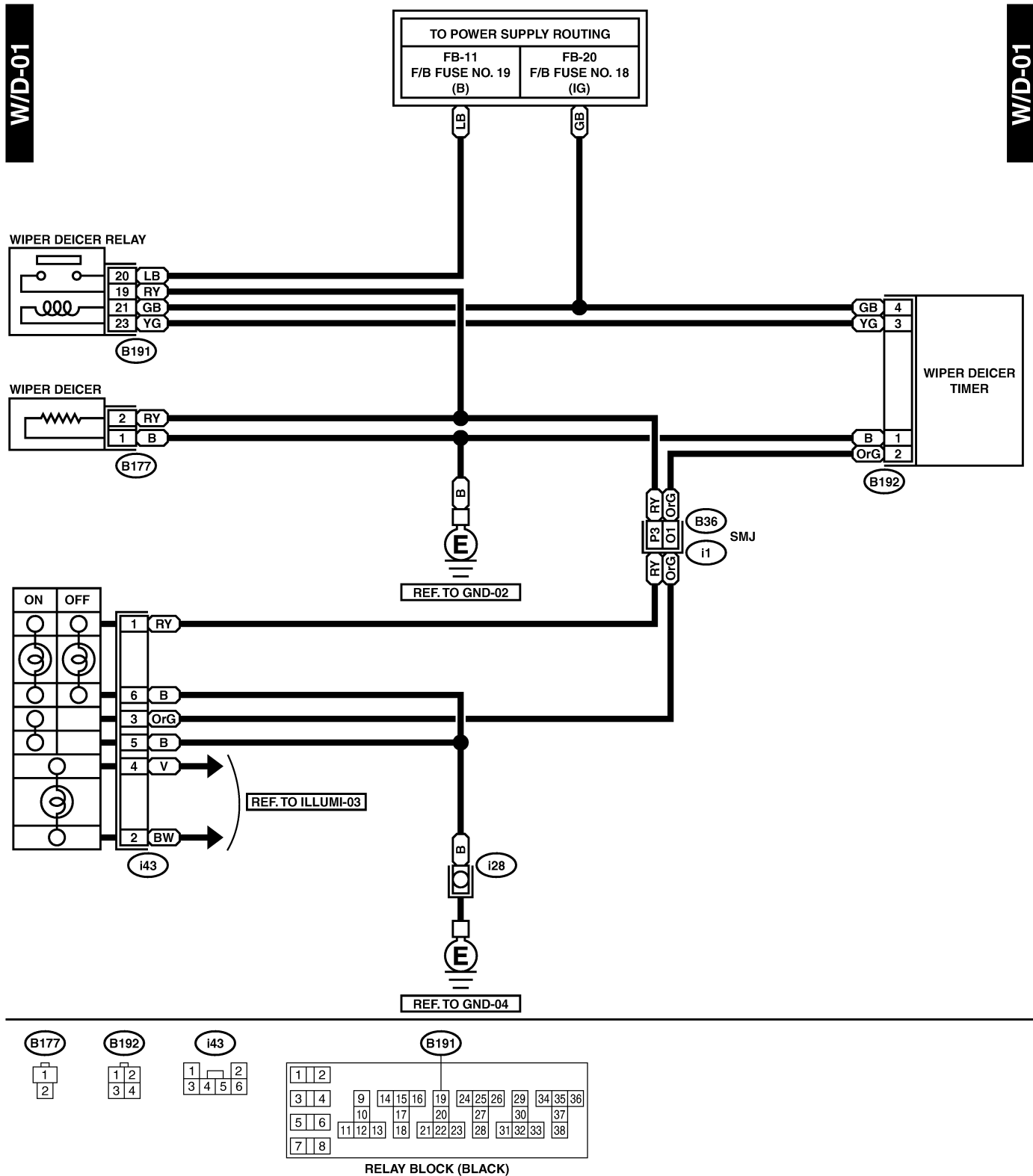


WIPER DEICER SYSTEM

Wiring System

49. Wiper Deicer System S903444

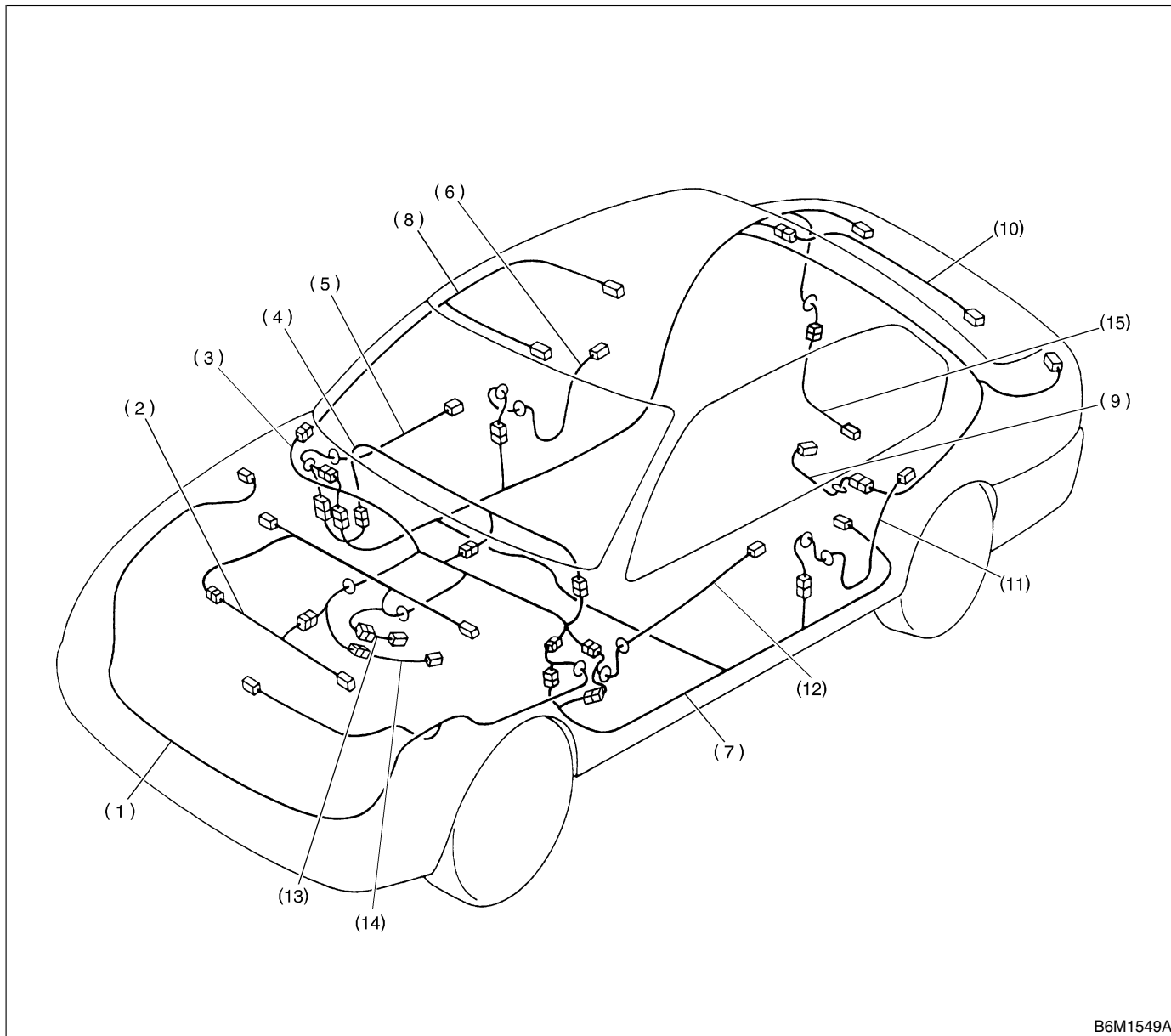
A: SCHEMATIC S903444A21



50. Overall Systems S903672

A: LOCATION S903672A13

1. SEDAN MODEL S903672A1301



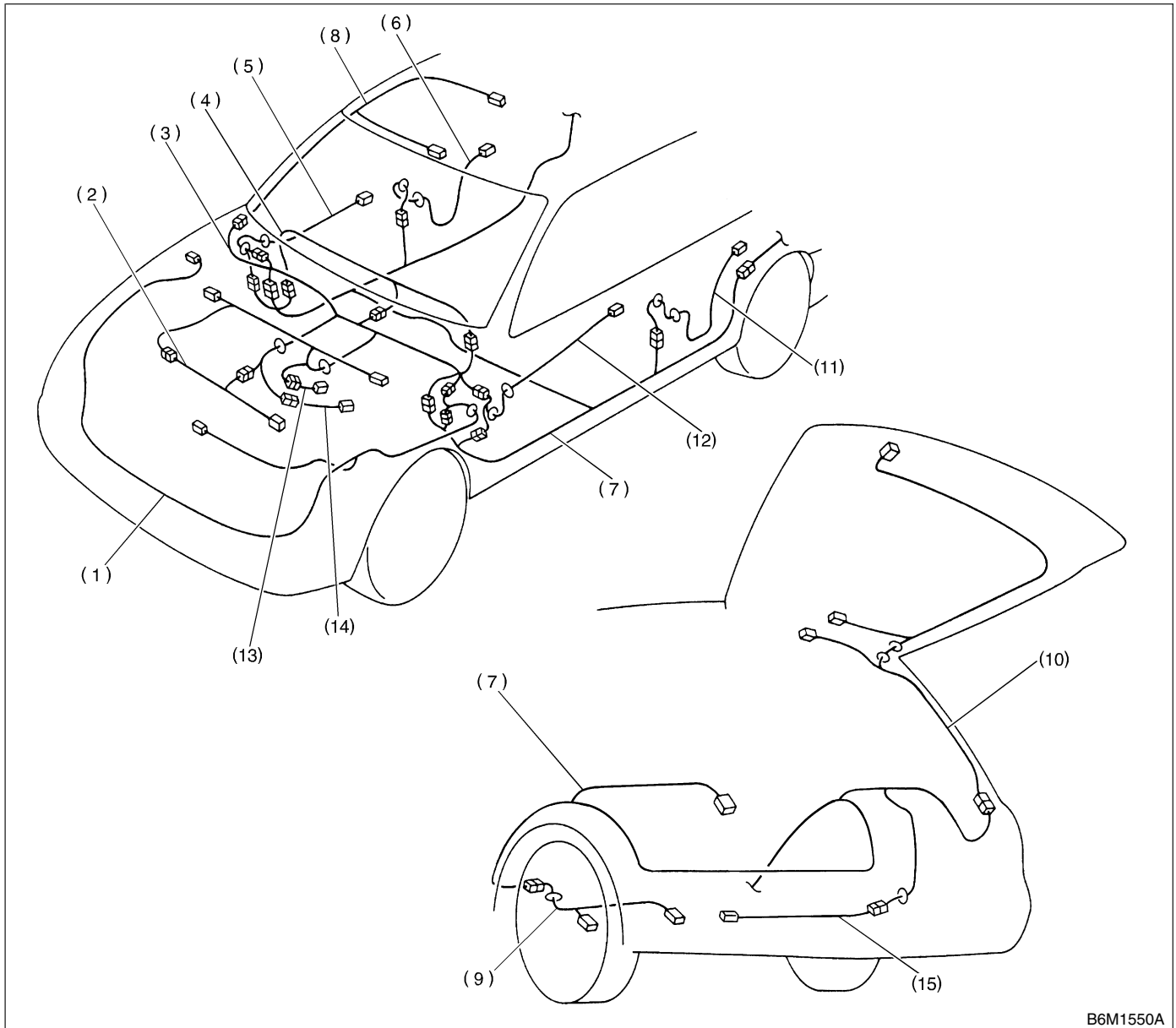
B6M1549A

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

OVERALL SYSTEMS

Wiring System

2. WAGON MODEL S903672A1302



B6M1550A

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

51. Front Wiring Harness S903445

A: LOCATION S903445A13

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 (4-cylinder engine model)
	4	Gray	C-1		Sub fan motor (6-cylinder engine model)
F17	2	Black	C-2		Radiator main fan motor (4-cylinder engine model)
	4	Gray	C-2		Radiator main fan motor (6-cylinder engine model)
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-4-cylinder engine model)
	4	Black	A-4		A/C sub fan relay-1 (Relay holder-6-cylinder engine model)
F29	4	Black	A-4		A/C sub fan relay-2 (Relay holder-6-cylinder engine model)
F30	4	Black	A-3		Radiator main fan relay-2 (Relay holder-6-cylinder engine model)
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	Brown	C-4		
F39	8	Black	B-3		F/B
F40	9	Brown	C-4		
F41	7	Gray	B-4		
F44	8	★	B-4	B61	Bulkhead wiring harness
F45	66	Gray	B-3	B62	Bulkhead wiring harness (SMJ) (Without VDC model)
	16	Blue	B-3	B62	Bulkhead wiring harness (VDC 6-cylinder engine model)
F46	4	★	B-3	B108	Bulkhead wiring harness (Without VDC 6-cylinder engine model)
	32	★	B-3	B108	Bulkhead wiring harness (VDC 6-cylinder engine model)
F47	1	Black	C-2		Horn
F49	31	Black	B-2		ABS control module
F55	8	★	B-4	R49	Rear wiring harness (ABS)
	12	★	B-4	R49	Rear wiring harness (VDC)
F65	4	Black	A-4		Front fog light relay (Relay holder)

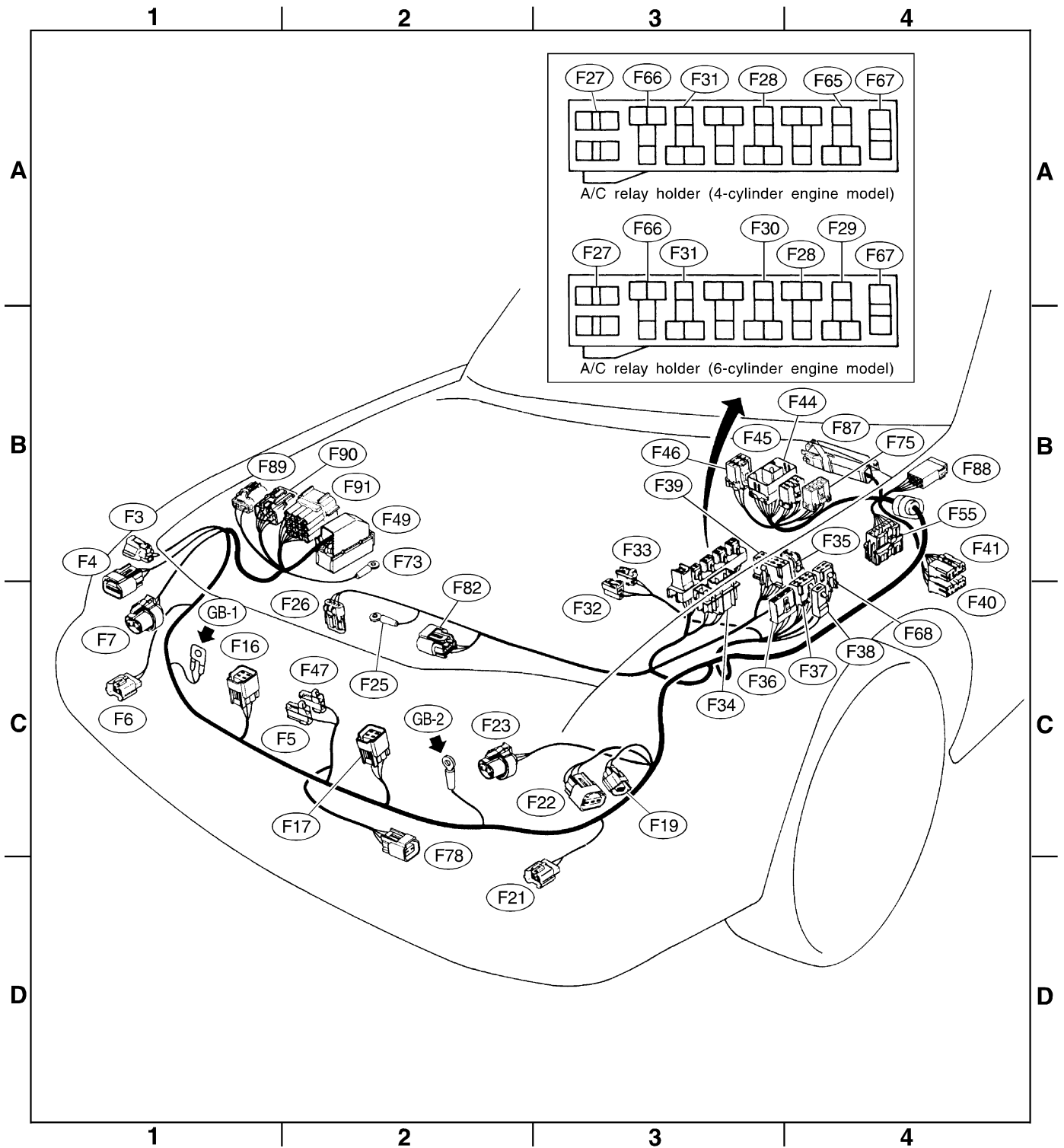
FRONT WIRING HARNESS

Wiring System

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
F66	4	Black	A-3		Radiator main fan relay (Relay holder-4-cylinder engine model)
	4	Black	A-3		Radiator main fan relay-1 (Relay holder-6-cylinder engine model)
F67	2	Black	B-3		FWD switch (Relay holder without VDC model)
F68	4	Black	C-4		M/B
F73	1	★	B-2		ABS motor ground
F75	8	Black	B-4	B209	Bulkhead wiring harness (VDC)
F78	2	Black	C-2		Ambient sensor
F82	1	Black	C-2		A/C compressor (4-cylinder engine model)
	3	Black	C-2		A/C compressor (6-cylinder engine model)
F87	83	Black	B-4		VDC module
F88	8	★	B-4		Shield joint connector (VDC)
F89	2	Gray	B-1		Relay box (VDC)
F90	6	Black	B-2		
F91	16	Black	B-2		Hydraulic module (VDC)
★: Non-colored					

FRONT WIRING HARNESS

Wiring System



B6M1642A

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System

52. Bulkhead Wiring Harness (In Engine Room)

S903438

A: LOCATION

S903438A13

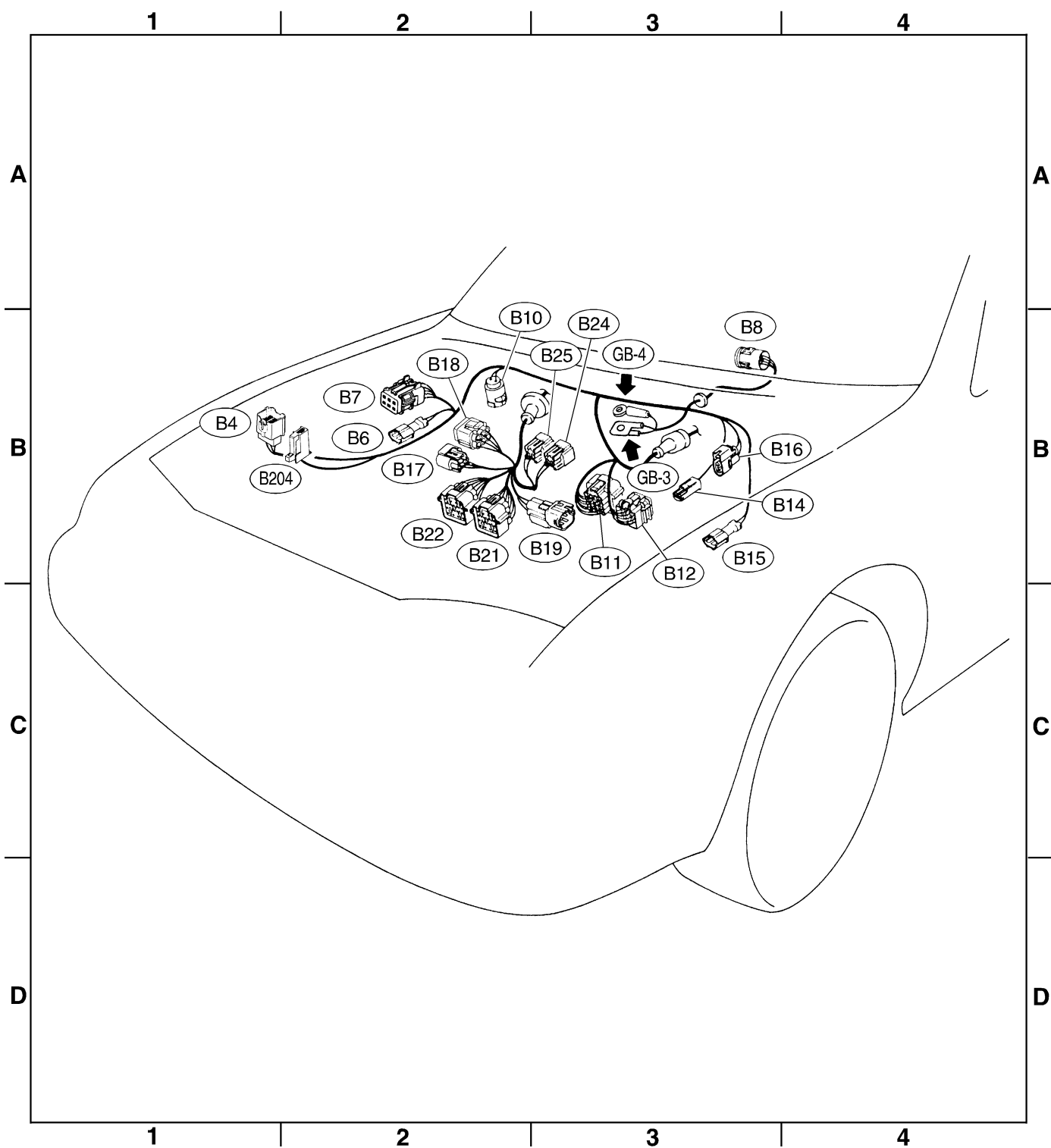
1. 4-CYLINDER ENGINE MODEL

S903438A1302

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
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	6	Black	B-2		Front oxygen (A/F) sensor
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					

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System



B6M1630A

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System

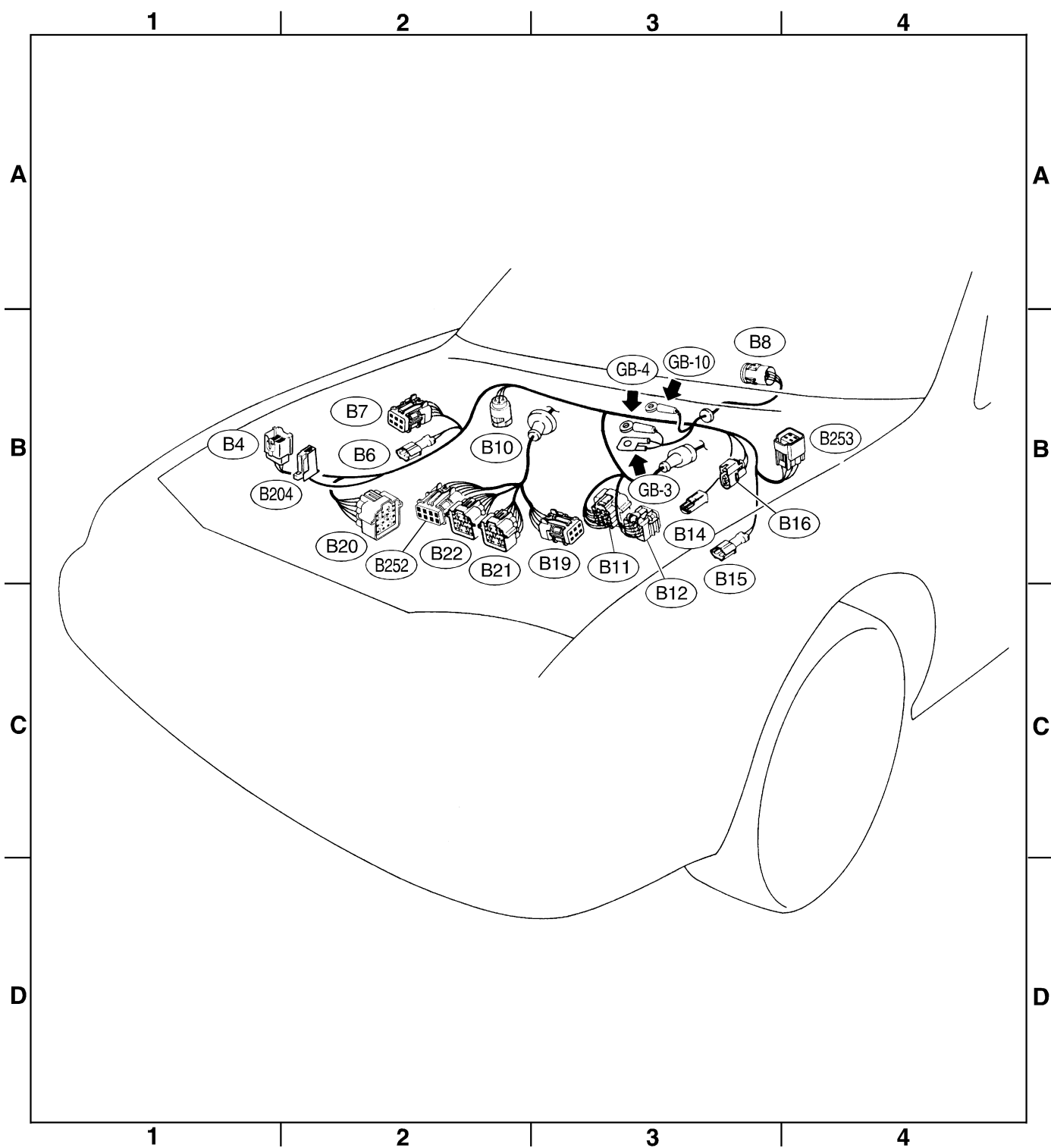
2. 6-CYLINDER ENGINE MODEL S903438A1303

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B4	4	Gray	B-2		AT dropping resistor
B6	2	Brown	B-2		ABS front sensor RH
B7	6	Black	B-2		Cruise control actuator
B8	5	Gray	B-3		Front wiper motor
B10	4	★	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
B16	2	Gray	B-3		Brake fluid level switch
B19	6	★	B-3	T5	Rear oxygen sensor cord
B20	16	Dark gray	B-2	E1	Engine wiring harness
B21	20	Light gray	B-2	E2	
B22	16	Brown	B-2	E3	
B204	1	Black	B-2		Security horn
B252	8	Dark gray	B-2	E49	Engine wiring harness
B253	4	Gray	B-3		Fan relay

★: Non-colored

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System



B6M1631A

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

Wiring System

53. Bulkhead Wiring Harness (In Compartment)

S903446

A: LOCATION

S903446A13

1. 4-CYLINDER ENGINE MODEL

S903446A1302

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
B34	2	Black	B-4		Diode (Key warning)
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	12	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)

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B86	6	Black	C-4		Blower motor resistor (M-A/C)
	4	★	C-4		Blower motor resistor (A-A/C)
B87	2	★	C-4		Blower motor
B88	3	Black	B-3		Evaporator thermostat (M-A/C)
	3	★	B-3		Evaporator thermostat (A-A/C)
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 (Relay block)
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 (DRL)
B116	6	★	C-3		Select lever illumination light (AT)
B123	4	★	C-4	R48	Rear wiring harness
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
B224	2	★	C-2		Key switch light
B225	8	Black	A-1		Fuse (Relay block)
B228	15	★	B-2		OP connector

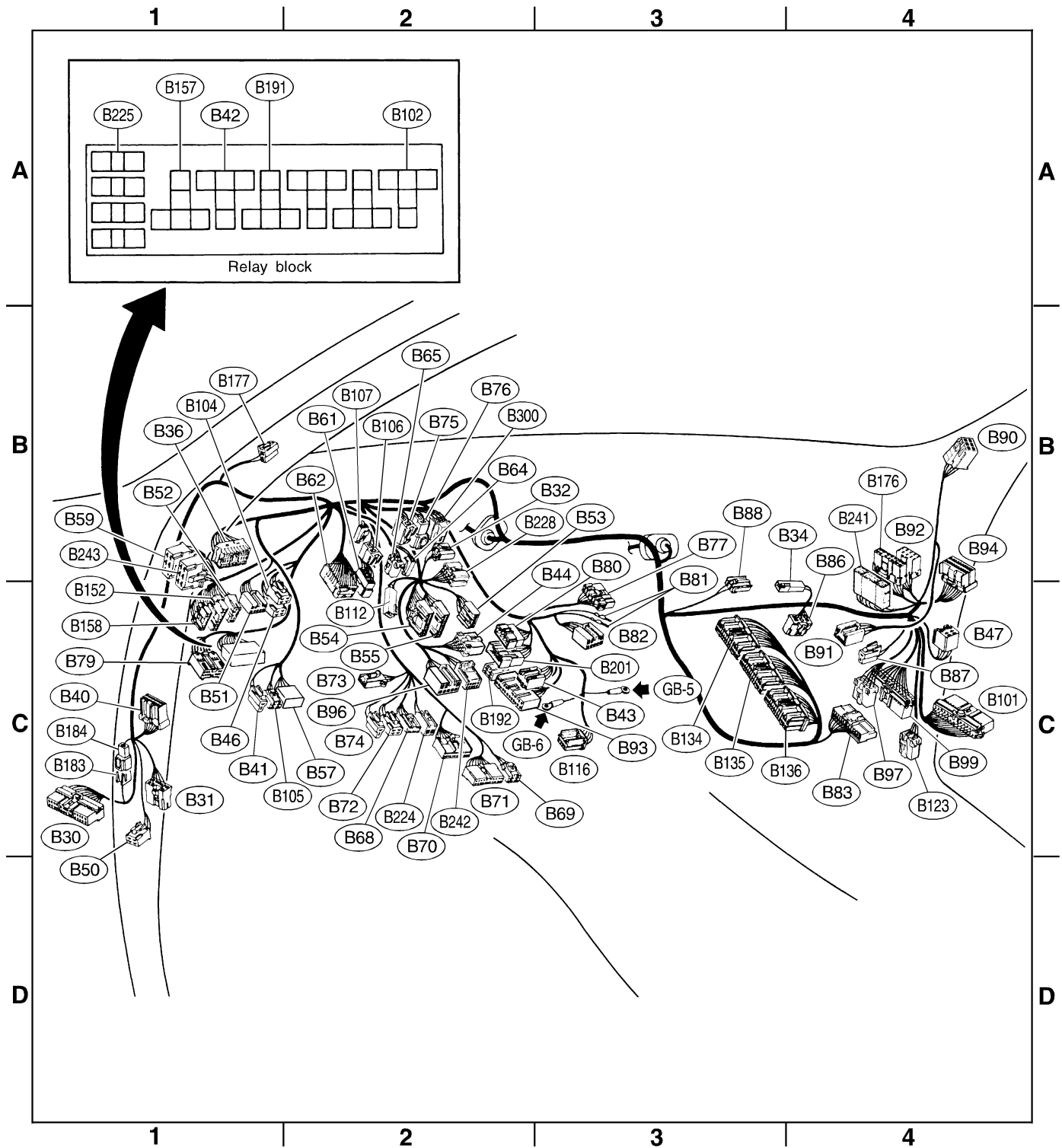
BULKHEAD WIRING HARNESS (IN COMPARTMENT)

Wiring System

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
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
B300	6	★	B-2		Line end check connector
★: Non-colored					

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

Wiring System



B6M1632A

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

Wiring System

2. 6-CYLINDER ENGINE MODEL

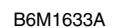
S903446A1303

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
B34	2	Black	B-4		Diode (Key wiring)
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
B48	5	Black	A-2		Front fog light relay (Relay block)
B50	4	Black	D-1		Blower relay
B51	8	★	C-1		F/B
B52	7	★	B-1		
B53	12	Gray	B-2		Shield joint connector (AT)
B54	24	★	C-2		Transmission control module
B55	24	Gray	C-2		
B56	24	Green	C-2		Transmission control module (VDC)
B57	12	★	C-2		AT shift lock control module
B59	6	★	B-1		Interrupt relay (Security)
B61	8	★	B-2	F44	Front wiring harness
B61	8	★	B-2	F44	Front wiring harness (VDC)
B62	66	★	B-2	F45	Front wiring harness (SMJ)
B62	16	Blue	B-2	F45	Front wiring harness (VDC)
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-1		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	20	★	C-4		Shield & sensor ground joint connector (E/G)
B86	4	★	B-4		Blower motor resistor

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B87	2	★	C-4		Blower motor
B88	3	★	B-3		Evaporator thermostat switch
B90	6	★	B-4	R50	Roof cord
B91	6	Black	C-4		FRESH/RECIRC actuator
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 (Relay block)
B104	4	★	B-1		Seat heater/rear accessory power supply relay
B108	4	★	B-2	F46	Front wiring harness
B108	32	★	B-2	F46	Front wiring harness (VDC)
B112	2	Black	C-2		Diode (DRL)
B116	6	★	C-3		Select lever illumination light (AT)
B123	2	Black	C-4	R48	Rear wiring harness (Mcintosh audio)
B134	22	★	C-3		Engine control module
B135	28	★	C-3		
B136	24	★	C-3		
B137	31	★	C-4		
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
B181	4	★	C-2		Fan ground joint connector
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
B209	8	Black	B-2	F75	Front wiring harness (VDC)
B224	2	★	C-2		Key switch light
B225	8	Black	A-1		Fuse (Relay block)
B228	15	★	B-2		OP connector
B231	4	Black	C-2		Steering angle sensor (VDC)
B234	6	★	C-2		Joint connector (VDC)
B235	6	Black	C-3		Air mix actuator
B242	10	★	C-2		Daytime running light control module
B243	6	Black	B-1		Security horn relay
B300	6	★	C-2		Line end check connector

★: Non-colored

Wiring System



54. Engine Wiring Harness and Transmission Cord

S903447

A: LOCATION

S903447A13

1. 4-CYLINDER ENGINE MT MODEL

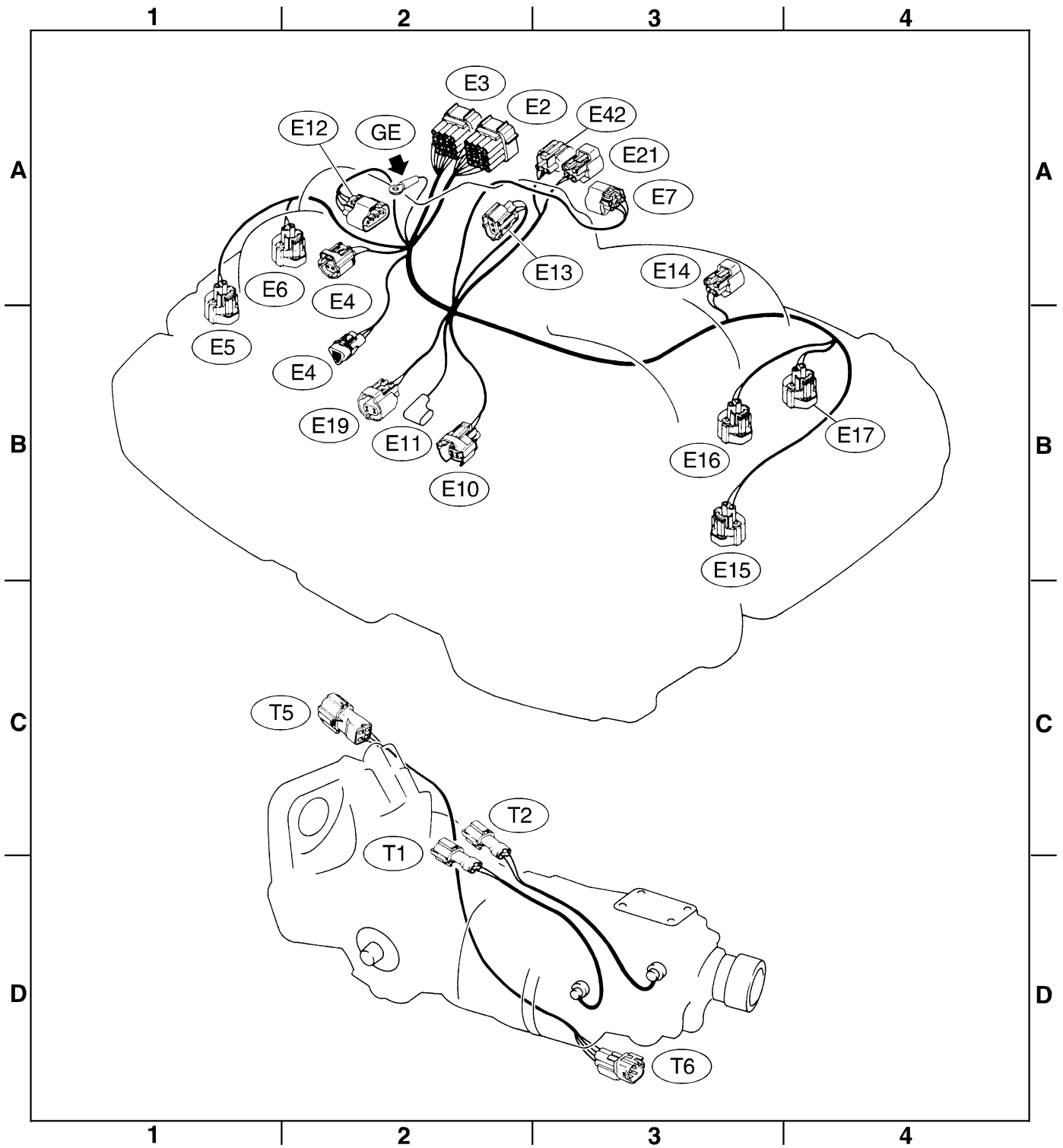
S903447A1301

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	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
E21	4	★	A-3		Pressure sensor and intake air temperature sensor
E42	2	★	A-3		Air assist injector solenoid valve
★: 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					

ENGINE WIRING HARNESS AND TRANSMISSION CORD

Wiring System



B6M1634A

ENGINE WIRING HARNESS AND TRANSMISSION CORD

Wiring System

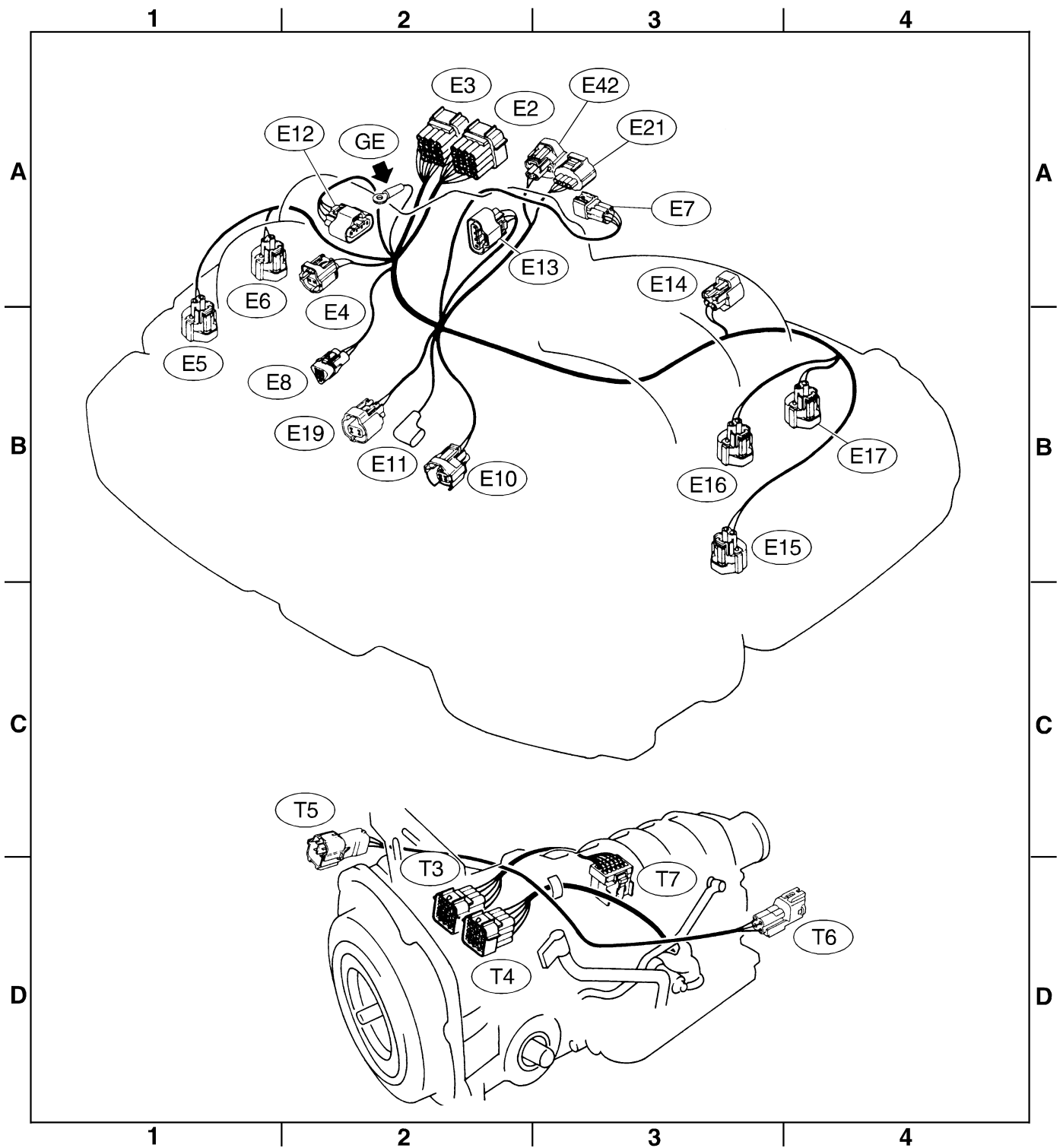
2. 4-CYLINDER ENGINE AT MODEL S903447A1302

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 injector 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					

ENGINE WIRING HARNESS AND TRANSMISSION CORD

Wiring System



B6M1321A

ENGINE WIRING HARNESS AND TRANSMISSION CORD

Wiring System

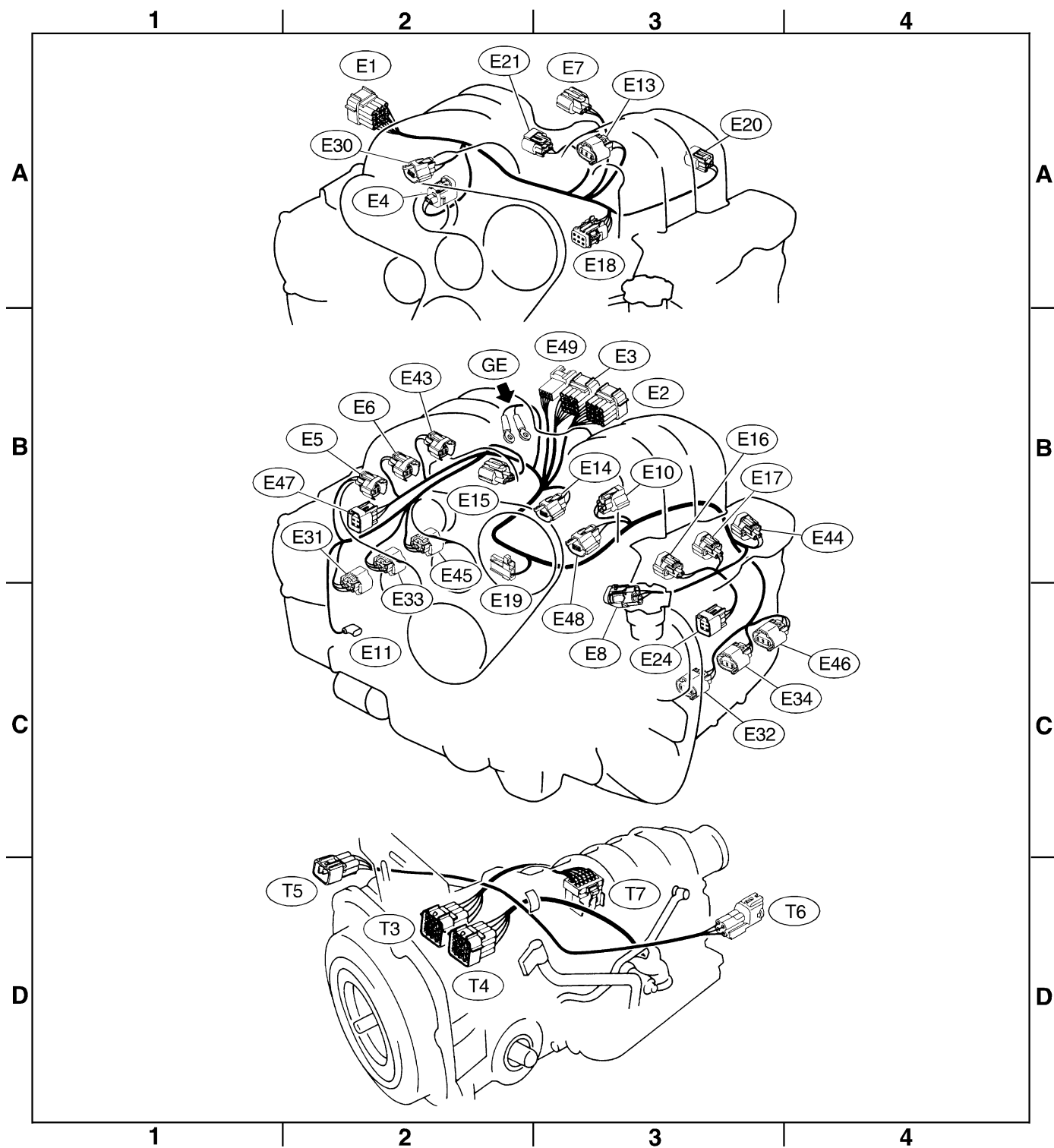
3. 6-CYLINDER ENGINE MODEL S903447A1303

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
E1	16	Dark gray	A-2	B20	Bulkhead wiring harness
E2	20	Light gray	B-3	B21	
E3	16	Brown	B-3	B22	
E4	2	Black	A-2		Purge control solenoid valve
E5	2	Gray	B-2		Fuel injector No. 1
E6	2	Gray	B-2		Fuel injector No. 3
E7	3	Gray	A-3		Idle speed control solenoid valve
E8	3	Light gray	C-3		Engine coolant temperature sensor and thermometer
E10	2	Gray	B-3		Crankshaft position sensor
E11	1	★	C-2		Oil pressure switch
E13	3	Black	A-3		Throttle position sensor
E14	2	Blue	B-3		Knock sensor-1
E15	3	Gray	B-2		Camshaft position sensor
E16	2	Gray	B-3		Fuel injector No. 2
E17	2	Gray	B-3		Fuel injector No. 4
E18	6	Gray	A-3		EGR solenoid valve
E19	1	★	C-2		Power steering oil pressure switch
E20	2	Black	A-3		Intake air temperature sensor
E21	3	Black	A-2		Pressure sensor
E24	4	Dark gray	C-3		Front oxygen (A/F) sensor LH
E30	2	Brown	A-2		Induction valve control solenoid
E31	3	Black	B-2		Ignition coil No. 1
E32	3	Black	C-3		Ignition coil No. 2
E33	3	★	C-2		Ignition coil No. 3
E34	3	★	C-4		Ignition coil No. 4
E43	2	Gray	B-2		Fuel injector No. 5
E44	2	Gray	B-4		Fuel injector No. 6
E45	3	Black	B-2		Ignition coil No. 5
E46	3	Black	C-4		Ignition coil No. 6
E47	4	Dark gray	B-2		Front oxygen (A/F) sensor RH
E48	2	Blue	C-3		Knock sensor-2
E49	8	Dark gray	B-3	B252	Bulkhead wiring harness
★: Non-colored					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
T3	12	Black	D-2	B12	Bulkhead wiring harness
T4	20	Black	D-2	B11	
T5	6	★	D-2	B19	Bulkhead wiring harness
T6	4	★	D-3		Rear oxygen sensor
T7	12	★	D-3		Inhibitor switch
★: Non-colored					

ENGINE WIRING HARNESS AND TRANSMISSION CORD

Wiring System



B6M1643A

55. Instrument Panel Wiring Harness

S903435

A: LOCATION

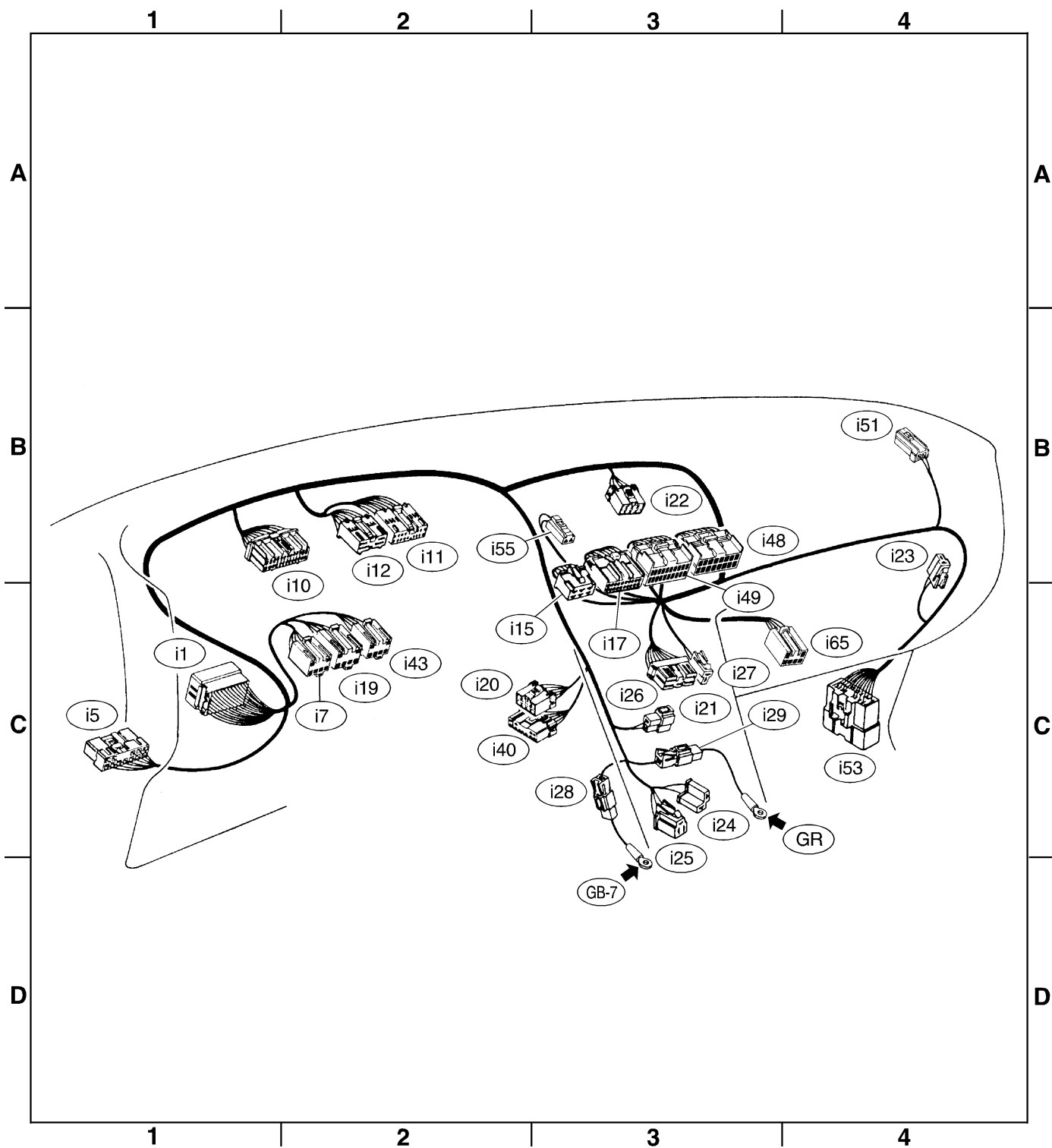
S903435A13

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	Yellow	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
i48	16	Gray	B-3		Auto A/C control module
i49	20	Gray	B-3		
i51	2	Black	B-4		Sunload sensor (Auto A/C)
i53	16	Blue	C-4	R98	Rear wiring harness
i55	2	★	B-3		In-vehicle temperature sensor (Auto A/C)
i62	6	★	C-4		VDC off switch

★: Non-colored

INSTRUMENT PANEL WIRING HARNESS

Wiring System



B6M1644A

56. Rear Wiring Harness S903431

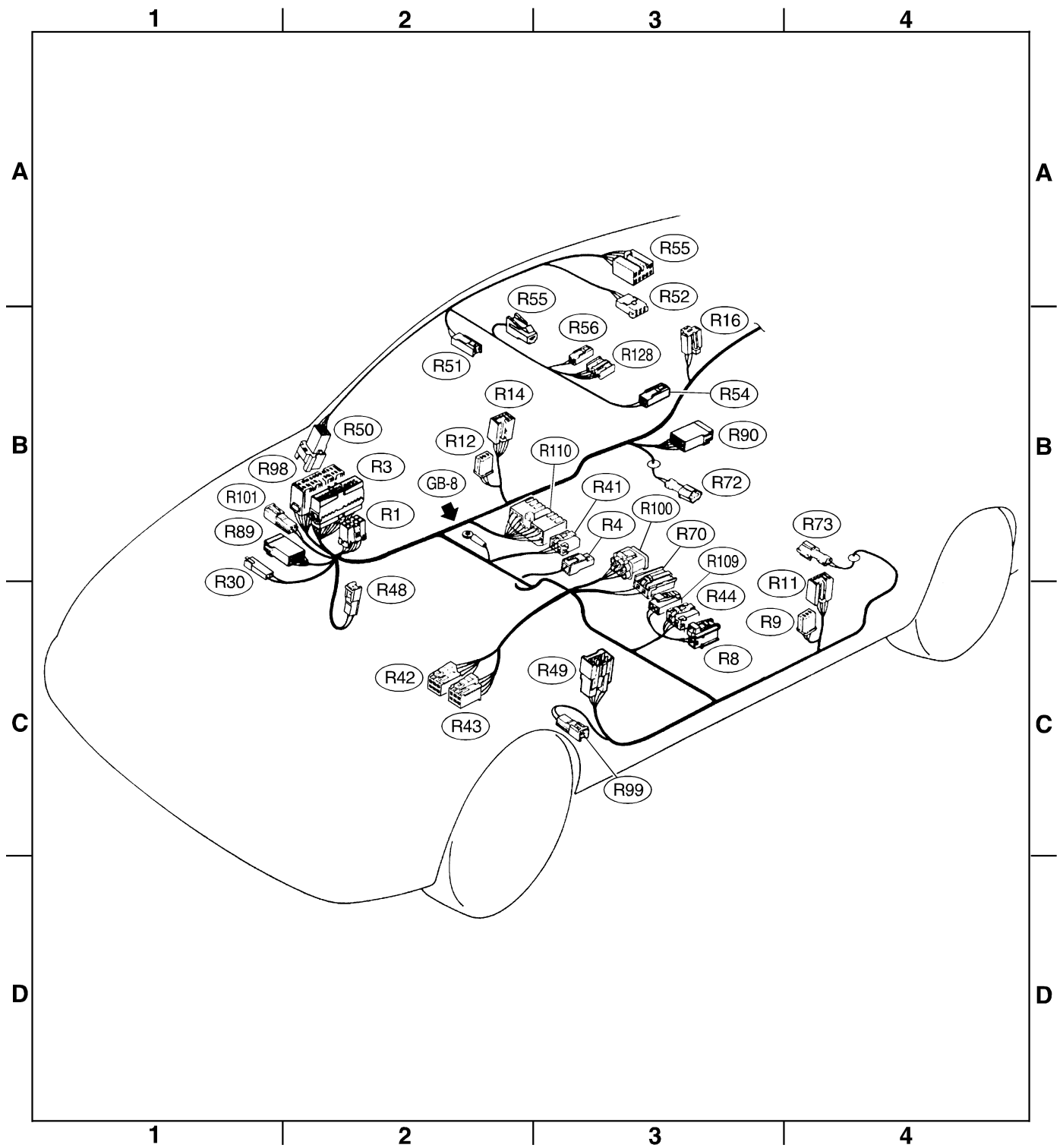
A: LOCATION S903431A13

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		
R8	2	★	C-3		Parking brake switch
R9	3	★	C-4		Seat belt switch
R11	8	★	B-4	D21	Front door switch LH
R12	3	★	B-2		Rear door cord LH
R14	8	★	B-2	D27	Front door switch RH
R16	3	Black	B-3		Rear door cord RH
R30	2	Black	B-2		Rear door switch RH
R41	4	Blue	B-3		Diode (Rear gate)
R42	6	★	B-3		Seat heater RH
R43	6	Blue	B-3		Seat heater switch RH
R44	4	Blue	C-3		Seat heater switch LH
R48	2	Black	C-2	B123	Seat heater LH
R49	8	★	C-3	F55	Bulkhead wiring harness
	12	★	C-3	F55	Front wiring harness (ABS)
R50	6	★	B-2	B90	Front wiring harness (VDC)
R51	2	★	B-2		Bulkhead wiring harness
R52	3	★	B-3		Vanity mirror illumination light RH
R54	2	★	B-3		Room light
R55	1	★	B-2		Vanity mirror illumination light LH
	8	★	A-3		Sunroof (Sedan)
R56	2	★	B-3		Sunroof control module (Wagon)
R70	3	Black	C-2		Spot light
R72	2	Gray	B-3		ABS G sensor
R73	2	Gray	B-4		Rear ABS sensor RH
R89	8	★	B-2		Rear ABS sensor LH
R90	8	★	B-3		Speaker joint connector LH (Wagon)
R98	16	Blue	B-2	i53	Speaker joint connector RH (Wagon)
R99	2	★	C-3	D68	Instrument panel wiring harness
R100	6	Black	C-2		Front door cord LH (Mcintosh audio)
R101	2	★	B-2	D69	Yaw rate sensor (VDC)
R109	2	Black	C-3		Front door cord RH (Mcintosh audio)
R110	14	★	B-2		Power seat
R110	14	Green	B-2		Power amplifier (Wagon) (Mcintosh audio)
R128	5	★	B-3		Power amplifier (Sedan) (Mcintosh audio)
					Sunroof switch (Wagon)

★: Non-colored

REAR WIRING HARNESS

Wiring System



B6M1637A

57. Door Cord S903432

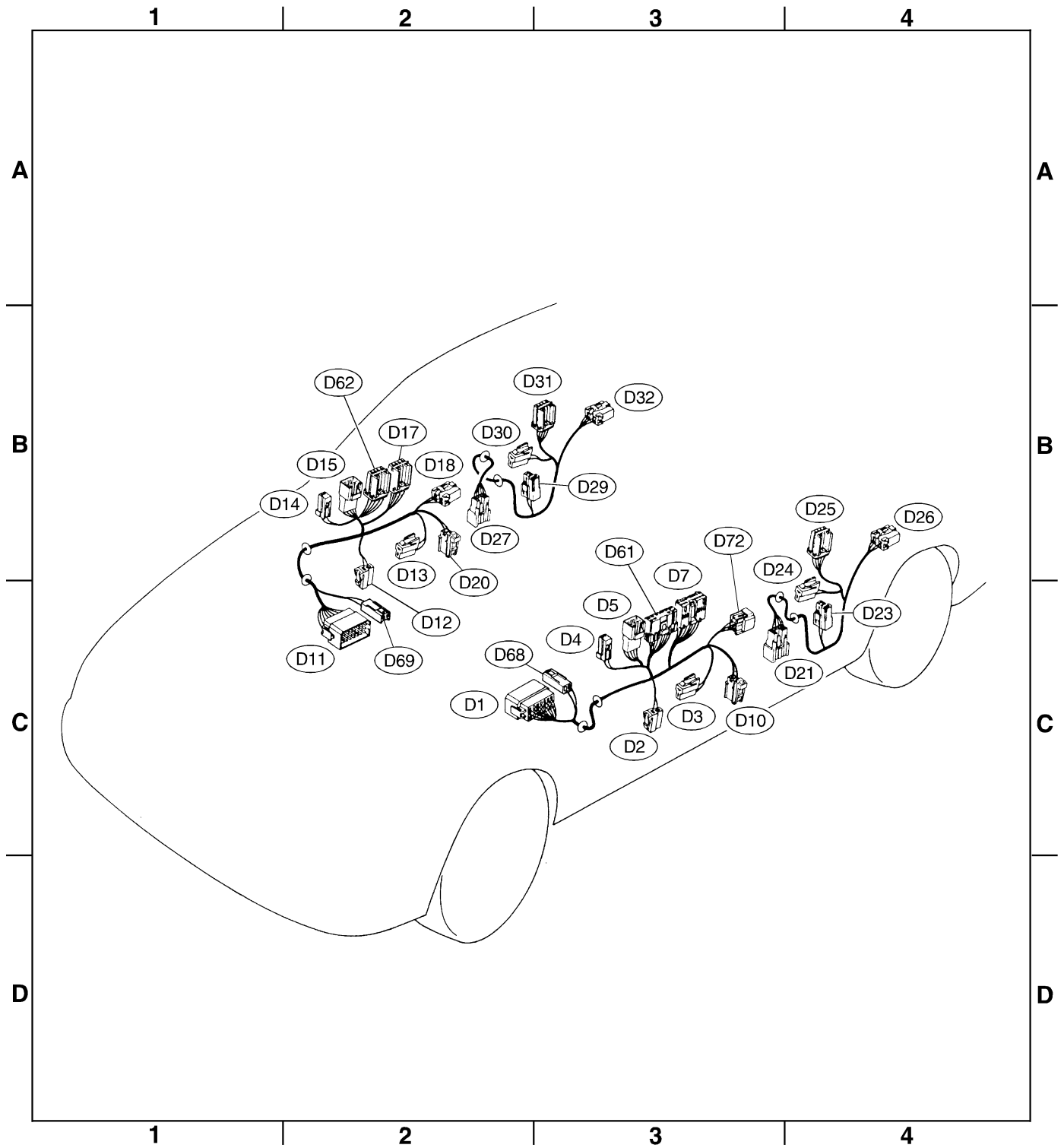
A: LOCATION S903432A13

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
D68	2	★	C-3	R99	Rear wiring harness
D69	2	★	C-2	R101	Rear wiring harness
D72	4	★	C-3		Front door lock actuator LH

★: Non-colored

DOOR CORD

Wiring System



B6M1557A

58. Rear Wiring Harness and Trunk Lid Cord

S903673

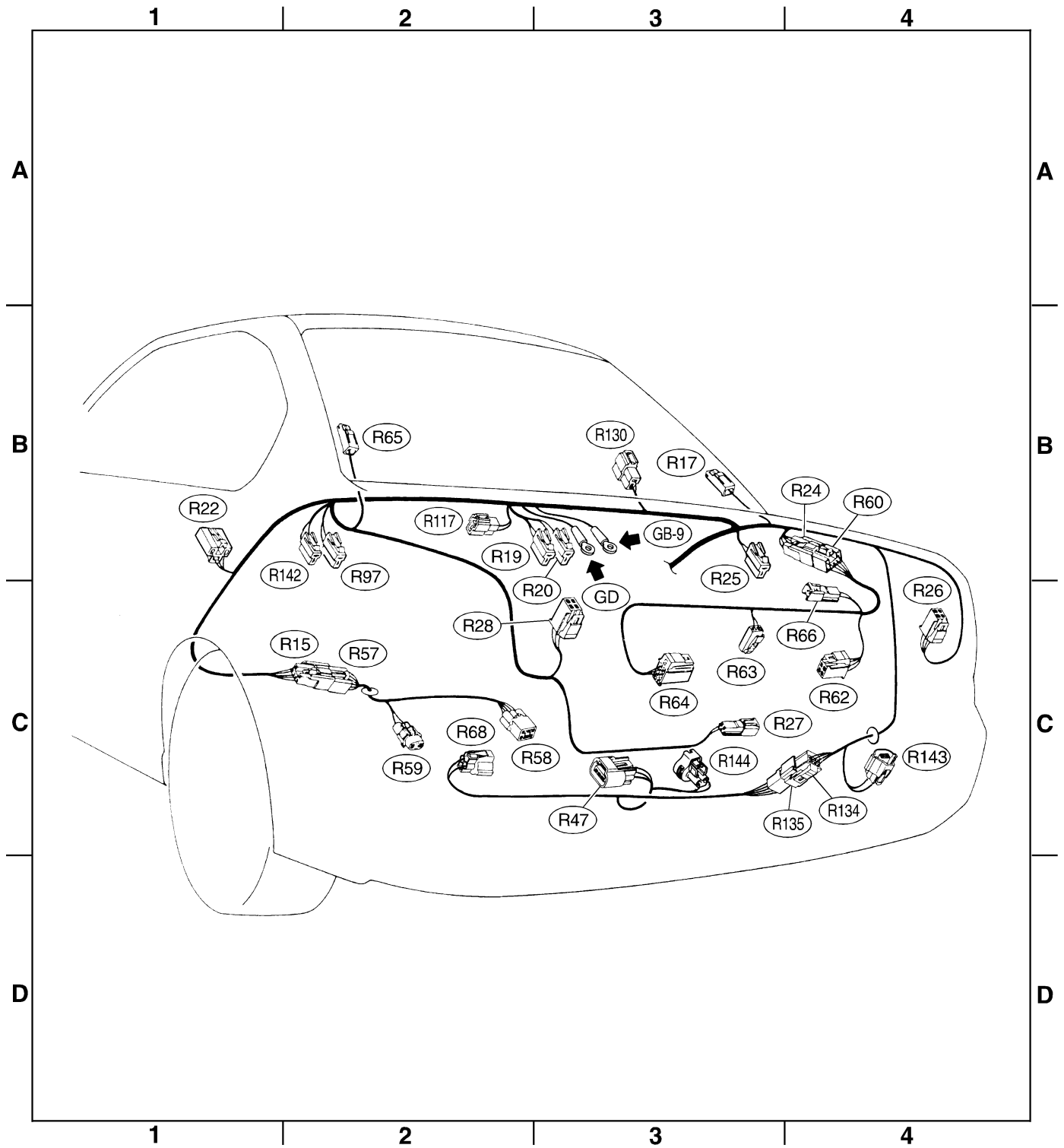
A: LOCATION

S903673A13

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	★	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
R97	2	★	B-2		Antenna amp.
R117	2	★	B-2		Sub woofer (Mcintosh audio)
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
R142	2	Black	B-2		Fuel pump condenser
R143	2	★	C-4		Atmospheric pressure solenoid valve
R144	2	Brown	C-3		Internal pressure solenoid valve
★: Non-colored					

REAR WIRING HARNESS AND TRUNK LID CORD

Wiring System



B6M1638A

59. Rear Wiring Harness and Rear Gate Cord

S903433

A: LOCATION

S903433A13

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	★	C-4		Rear combination light RH
R28	4	★	C-2		Rear combination light LH
R32	2	★	C-2		Rear accessory power supply socket
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
R79	6	★	C-2		Trailer connector
R97	2	★	C-1		Antenna amp.
R116	8	★	C-3		Rear wiper intermittent module
R117	2	★	C-3		Sub woofer (Mcintosh audio)
R134	6	Gray	C-3	R135	ORVR cord
R135	6	Gray	C-3	R134	Rear wiring harness
R143	2	★	C-3		Atmospheric pressure solenoid valve
R144	2	Brown	C-3		Internal pressure solenoid valve

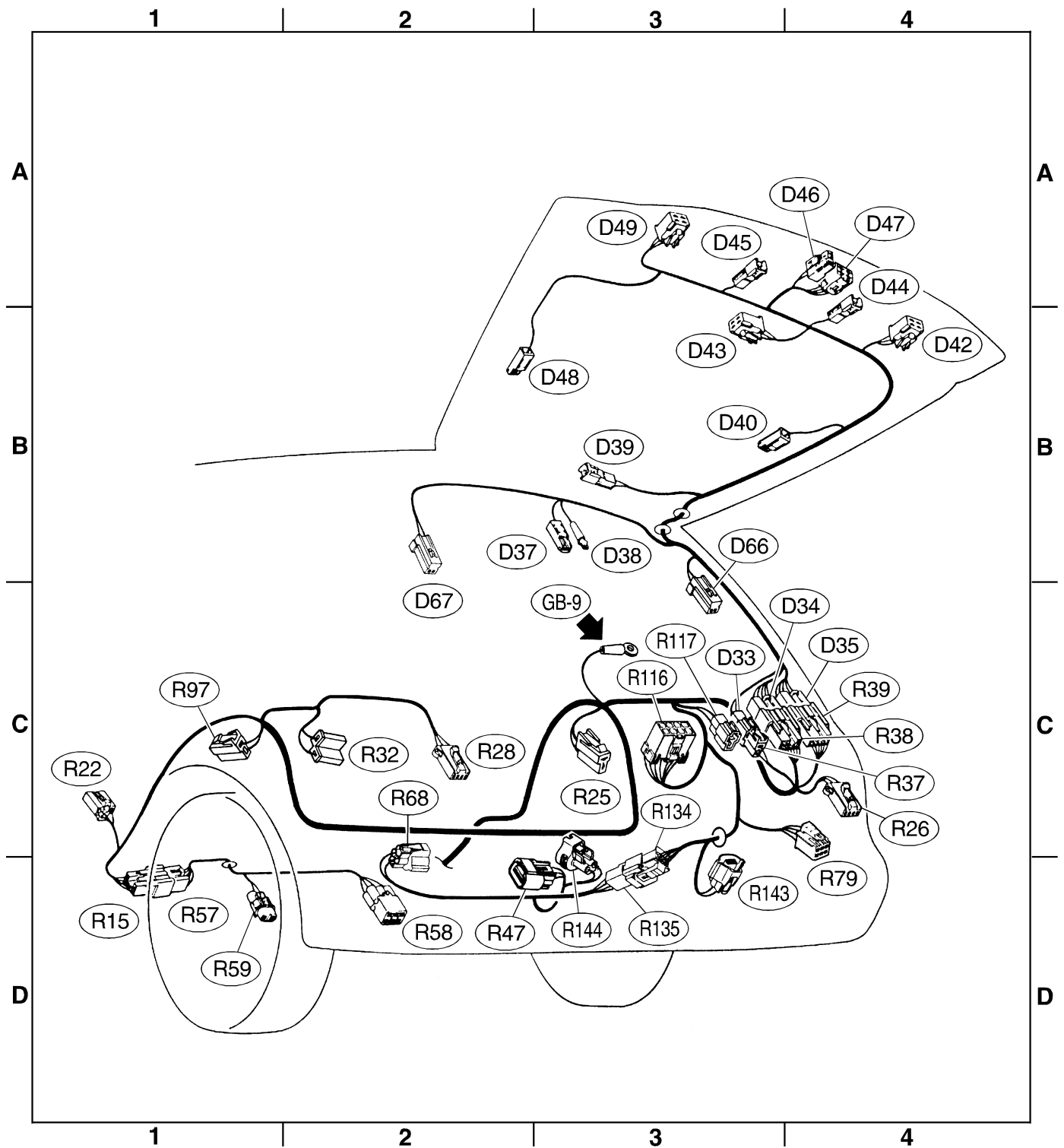
★: Non-colored

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

REAR WIRING HARNESS AND REAR GATE CORD

Wiring System



B6M1645A