

WIRING SYSTEM



	Page
1. Basic Diagnostic Procedure	3
2. Working Precautions	15
3. Power Supply Circuit	16
4. Ground Circuit	23
5. Engine Electrical System	34
6. AT Control System	90
7. AT Shift Lock Control System	106
8. TPM Control System	107
9. Anti-lock Brake System	108
10. Vehicle Dynamics Control System	110
11. Air Conditioning System	113
12. Airbag System	120
13. Immobilizer System	124
14. Cruise Control System	125
15. CAN Communication System	131
16. Radiator Fan System	133
17. Charging System	135
18. Starter System	136
19. Power Seat System	138
20. Seat Belt Warning System	139
21. Seat Heater System	140
22. Headlight System	141
23. Front Fog Light System	144
24. Back-up Light System	145
25. Stop Light System	146
26. Clearance Light and Illumination Light System	147
27. Turn Signal Light and Hazard Light System	151
28. Interior Light System	153
29. Front Wiper and Washer System	157
30. Rear Wiper and Washer System	158
31. Wiper Deicer System	159
32. Audio System	160
33. Front Accessory Power Supply Socket System	162
34. Rear Accessory Power Supply System	163
35. Horn System	164
36. Power Window System	165
37. Rear Defogger System	169
38. Remote Control Mirror System	170
39. Combination Meter System	171
40. Clock System	175
41. Fuel Gauge System	176
42. Coolant Temperature System	177
43. Oil Pressure Warning System	178

44.	Parking Brake / Brake Fluid Level Warning System	179
45.	Sunroof Control System	180
46.	Keyless Entry System	182
47.	Security System	186
48.	OP Connector System	189
49.	Harness Components Location	190
50.	Front Wiring Harness	192
51.	Bulkhead Wiring Harness (In Engine Compartment)	194
52.	Bulkhead Wiring Harness (In Compartment)	196
53.	Engine Wiring Harness and Transmission Cord	199
54.	Instrument Panel Wiring Harness	207
55.	Rear Wiring Harness	209
56.	Door Cord	215
57.	Rear Wiring Harness and Trunk Lid Cord	217
58.	Rear Wiring Harness and Rear Gate Cord	219
59.	Harness Repair Kit	221

1. Basic Diagnostic Procedure

A: BASIC PROCEDURES

1. GENERAL DESCRIPTION

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

2. IDENTIFICATION OF TROUBLE SYMPTOM

Determine what the problem is based on the symptom.

3. PROBABLE CAUSE OF TROUBLE

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

4. LOCATION AND REPAIR OF TROUBLE

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

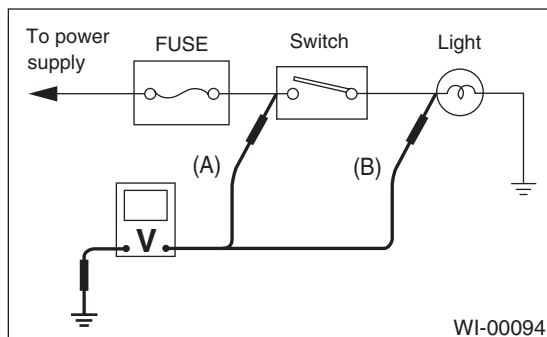
5. SYSTEM OPERATION CHECK

After repairing, ensure that the system operates properly.

B: BASIC INSPECTION

1. VOLTAGE MEASUREMENT

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



- 4) With the test set-up held as it is, turn the 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 light failing to illuminate occurs, use the procedures outlined above to track down the malfunction.

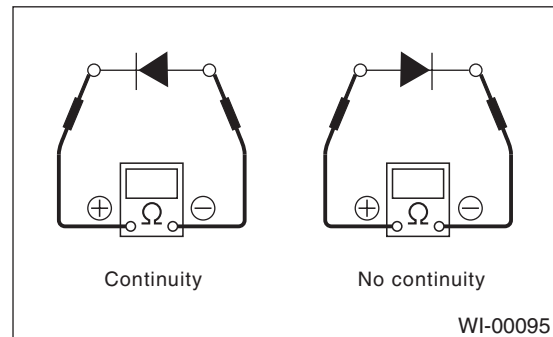
2. CIRCUIT CONTINUITY CHECKS

- 1) Disconnect the battery terminal or connector so there is no voltage between the check points. Contact the two leads of an ohmmeter to each of the check points.

If the circuit has diodes, reverse the two leads and check again.

- 2) Use an ohmmeter to check for diode continuity. When contacting the negative lead to the diode positive side and the positive lead to the negative side, there should be continuity.

When contacting the two leads in reverse, there should be no continuity.



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

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

WI-00096

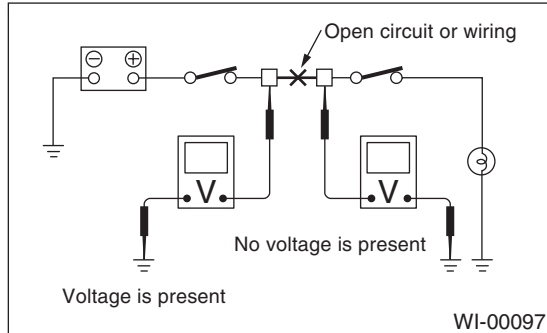
Basic Diagnostic Procedure

WIRING SYSTEM

3. HOW TO DETERMINE AN OPEN CIRCUIT

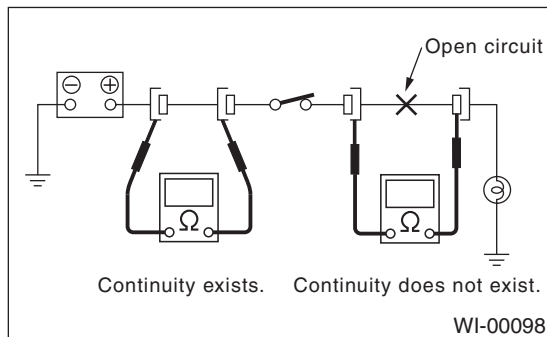
1) WITH VOLTMETER:

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



2) WITH OHMMETER:

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

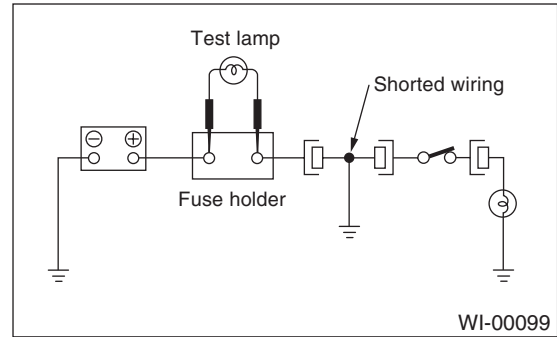


4. HOW TO DETERMINE A SHORT CIRCUIT

1) WITH TEST LIGHT:

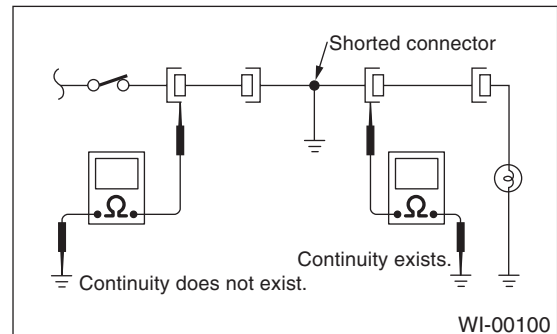
Connect a test light (rated at approx. 3 watts) in place of the blown fuse and allow current to flow through the circuit. Disconnect one connector at a time from the circuit. Starting with the one located farthest from the power supply. If the test light goes out when a connector is disconnected, the wiring

between that connector and the next connector (farther from the power supply) is shorted.



2) WITH OHMMETER:

Disconnect all affected connectors, and check continuity between each connector and ground. When the ohmmeter indicates continuity between a particular connector and a ground, that connector is shorted.



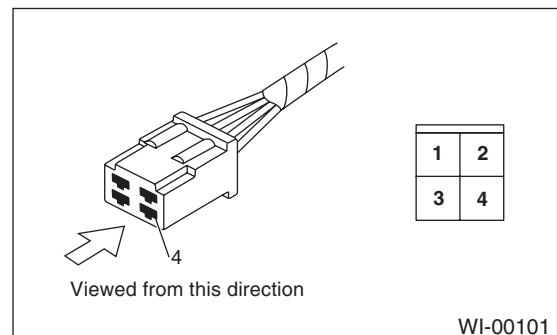
C: HOW TO READ WIRING DIAGRAMS

1. WIRING DIAGRAM

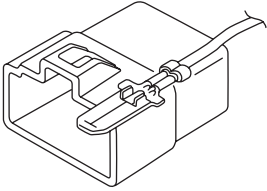
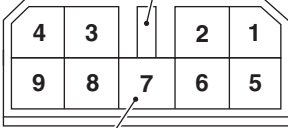
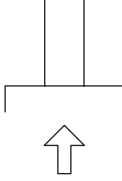
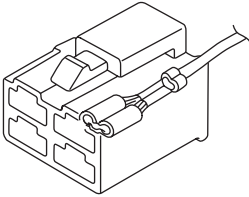
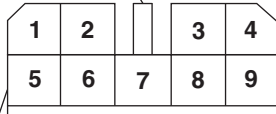
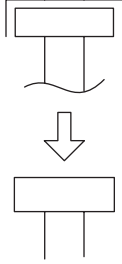
The wiring diagram of each system is illustrated so that you can understand the path through which the electric current flows from the battery.

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

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

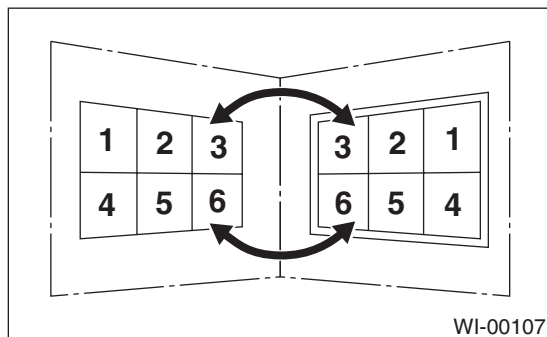


- The number of poles or pins, presence of a lock are indicated in the sketch of each connector. In the sketch, the highest pole number refers to the number of poles which the connector has. For example, the sketch of the connector shown in figure indicates the connector has 9 poles.

Connector used in vehicle	Connector shown in wiring diagram		
	Sketch	Symbol	Number of poles
	Double frames Indicates a lock is included.  Indicates the number of poles.		Numbered in order from upper right to lower left.
	Indicates a lock is included.  Single frame		Numbered in order from upper left to lower right

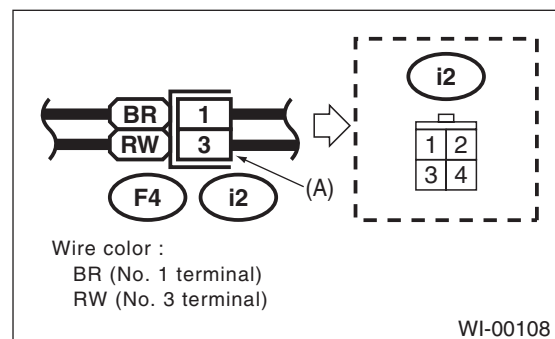
WI-00102

- 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.



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.



• WIRING DIAGRAM:

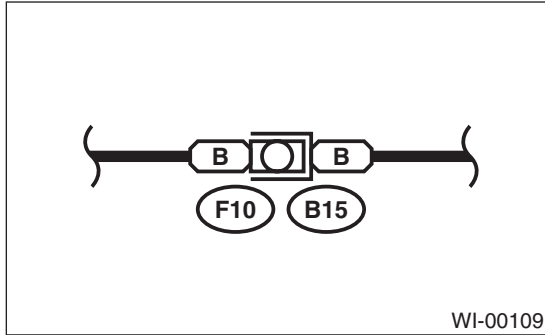
The connectors are numbered along with the number of poles, external colors, and mating connections in the accompanying list.

- 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 the figure.

Basic Diagnostic Procedure

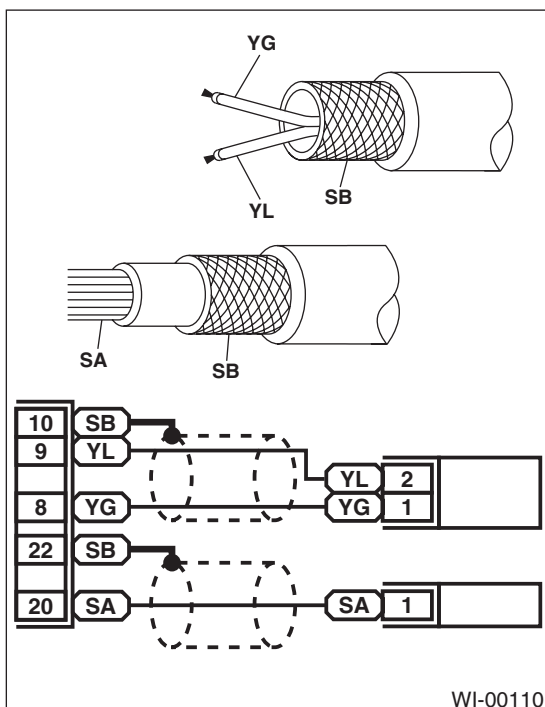
WIRING SYSTEM

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

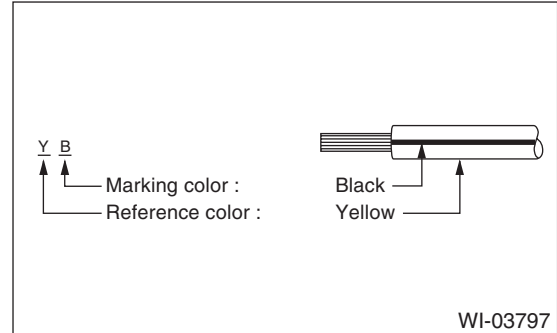


- The following color codes are used to indicate the colors of the wires.

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
Sb	Sky blue
V	Purple
SA	Sealed (Inner)
SB	Sealed (Outer)



- 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:

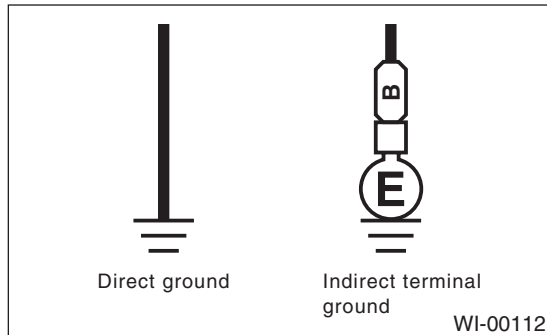
When replacing or repairing a wire, be sure to use the same size and type of the wire which was originally used.

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 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

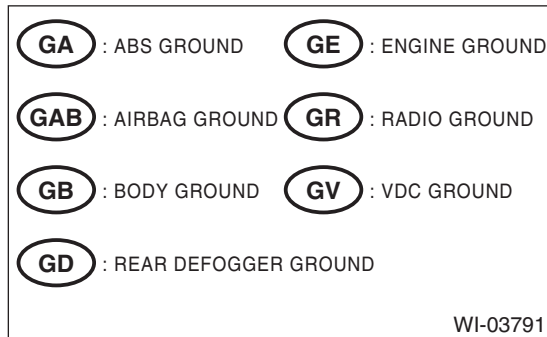
- Each unit is either directly grounded to the body or indirectly grounds through a harness ground terminal. Different symbols are used in the wiring diagram to identify the two grounding systems.



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

NOTE:

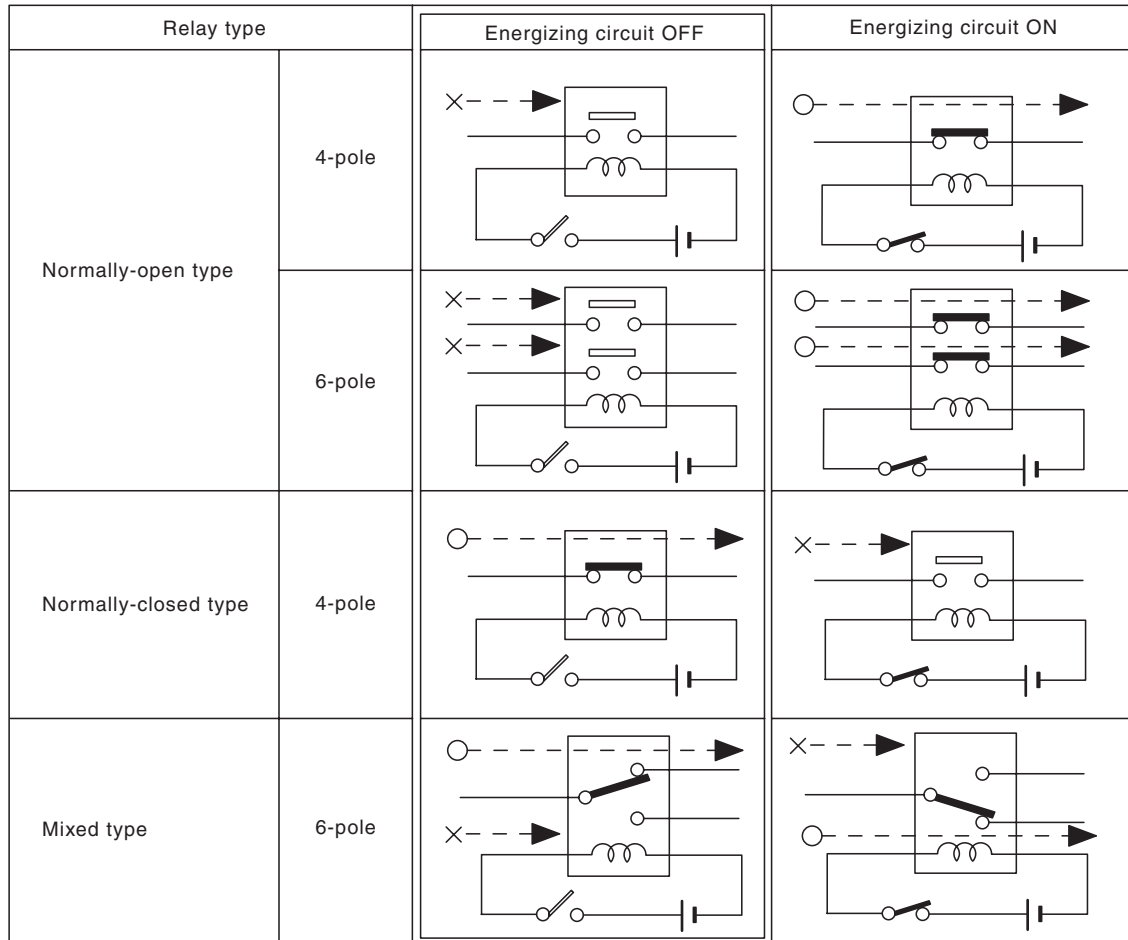
All wiring harnesses are provided with a ground point which should be securely connected.



Basic Diagnostic Procedure

WIRING SYSTEM

- 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:

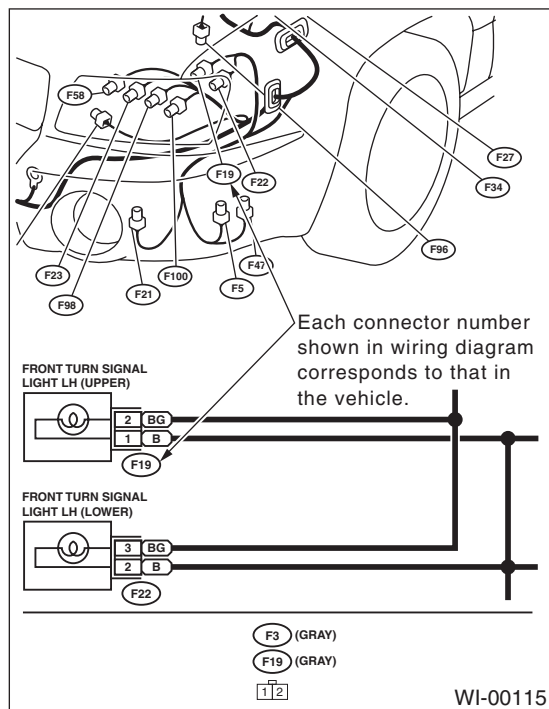
○ —▶ : Current flows.

× —▶ : Current does not flow.

WI-00114

- 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 corresponds 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
D	Door cord LH & RH, Rear gate cord Rear door cord LH & RH, Rear defogger cord
i	Instrument panel wiring harness
R	Rear wiring harness, Fuel tank cord, Roof cord, Rear gate cord, Rear defogger ground cord (Sedan model)
AB	Airbag wiring harness

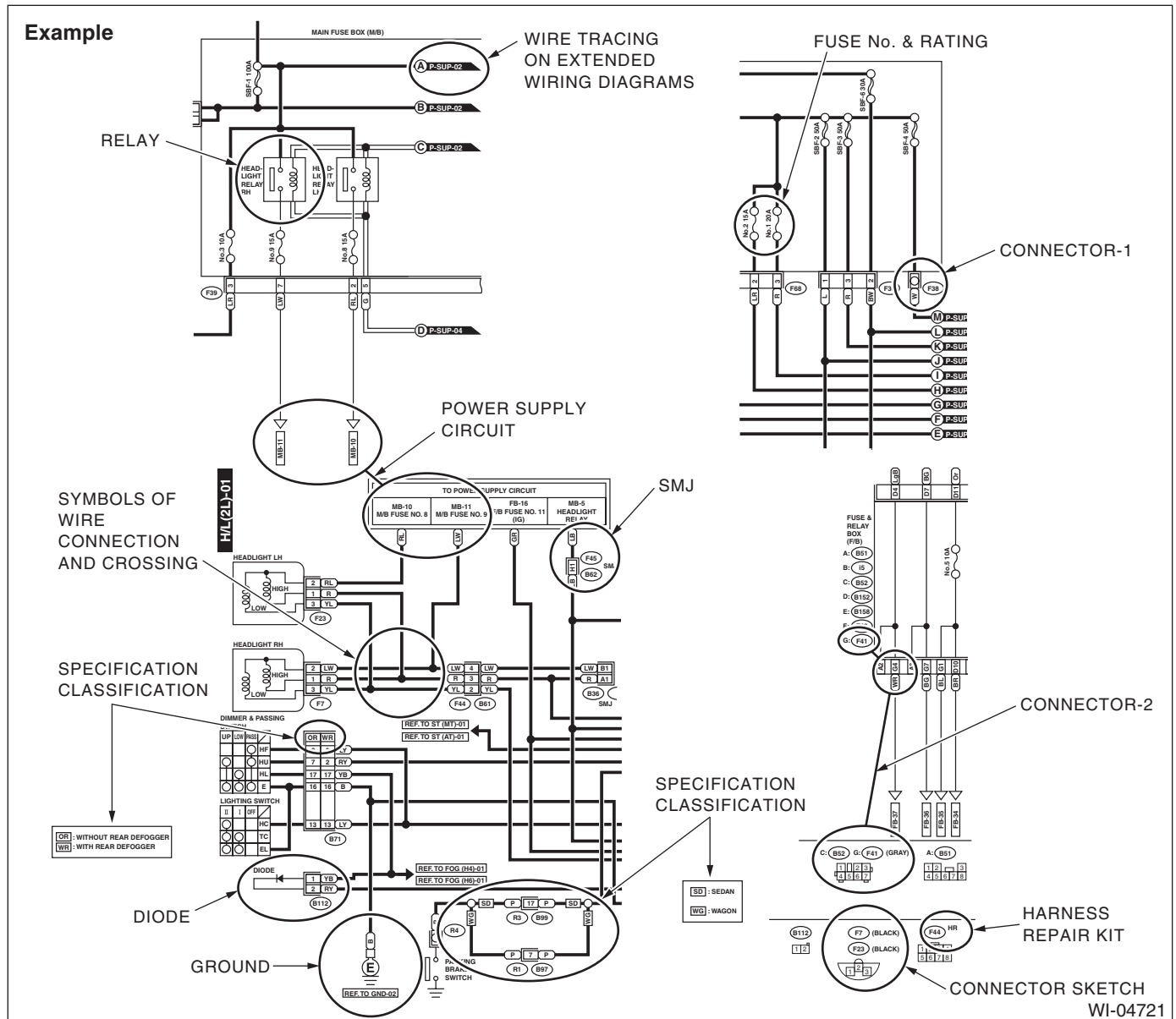


Basic Diagnostic Procedure

WIRING SYSTEM

D: SYMBOLS IN WIRING DIAGRAMS

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



1. RELAY

A symbol used to indicate a relay.

2. CONNECTOR 1

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

3. WIRING CONNECTION

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

4. FUSE No. & RATING

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

5. CONNECTOR 2

- Each connector is indicated by a symbol.
- Each terminal number is indicated in the corresponding wiring diagram in an abbreviated form.
- For example, terminal number "G4" refers to No. 4 terminal of connector (G: F41) shown in the connector sketch.

6. CONNECTOR SKETCH

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

7. GROUND

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

8. DIODE

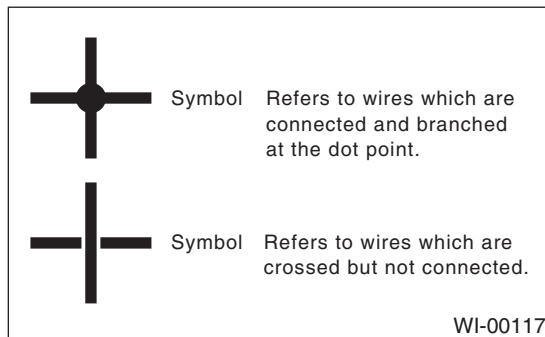
A symbol is used to indicate a diode.

9. WIRE TRACING ON EXTENDED WIRING DIAGRAMS

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

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

10.SYMBOLS OF WIRE CONNECTION AND CROSSING



11.POWER SUPPLY CIRCUIT

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 CIRCUIT” in the wiring diagram.

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

12.CLASSIFICATION BY SPECIFICATION

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

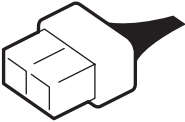
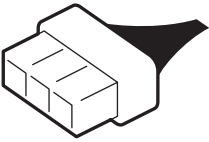
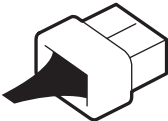
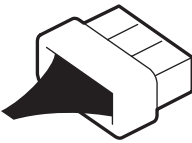
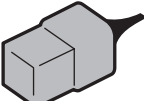
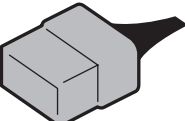
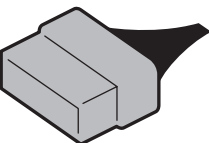
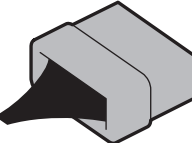
13.HARNESS REPAIR KIT

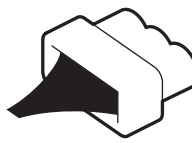
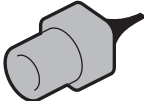
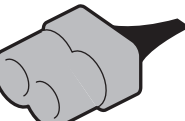
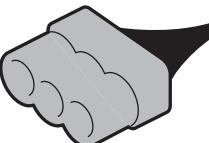
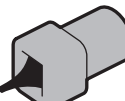
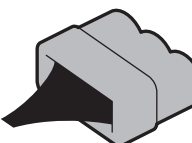
The connector adapting to Harness repair kit is shown as “HR” in the right-upper of connector number.

Refer to “Harness Repair Kit” for harness repair kit.
<Ref. to WI-221, SPECIFICATION, Harness Repair Kit.>

E: CONNECTOR SYMBOL IN WIRING HARNESS

A number of connector symbols are used in each wiring diagram to easily identify the wiring harness connectors.

Standard type: Female		
Pole: From 1 to 8	Pole: From 9 to 20	Pole: More than 21
		
		
Standard type: Male		
		
		

Water proof type: Female		
Pole: From 1 to 8	Pole: From 9 to 20	Pole: More than 21
		
		
Water proof type: Male		
		
		

WI-02445

F: ABBREVIATION IN WIRING DIAGRAMS

Abbr.	Full name
ABS	Antilock Brake System
ACC	Accessory
A/C	Air conditioner
AD	Auto Down
AT	Automatic transmission
AU	Auto Up
A/B	Airbag
A/F	Air/Fuel (Air fuel ratio sensor)
ATF	Automatic transmission fluid
AWD	All Wheel Drive
B, BAT	Battery
CPC	Canister Purge Control
D	Drive Range
DN	Down
E	Ground
ELR	Emergency Locking Retractor
F/B	Fuse & Relay box
FL1.5	Fusible Link 1.5 mm ²
H/L	Headlight
I/F	Interface
IG	Ignition
Illumi.	Illumination
INT	Intermittent
LH	Left Hand
Lo	Low
M	Motor
M/B	Main fuse box
MG	Magnet
Mi	Middle
MT	Manual transmission
N	Neutral Range
OCV	Oil flow control solenoid valve
OP	Optional Parts or Open
P	Parking Range
PASS	Passing
R	Reverse Range
RH	Right Hand
SBF	Slow Blow Fuse
ST	Starter
SW	Switch
TGV	Tumble generated valve
U, UP	Up
VDC	Vehicle Dynamics Control
VVL	Variable Valve Lift
WASH	Washer

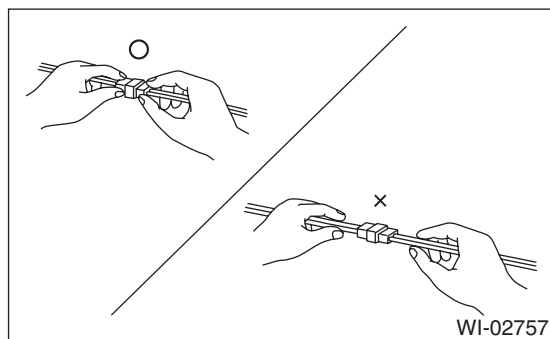
2. Working Precautions

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

- 1) When working under a vehicle which is jacked-up, always be sure to use rigid rack.
- 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 turned off.

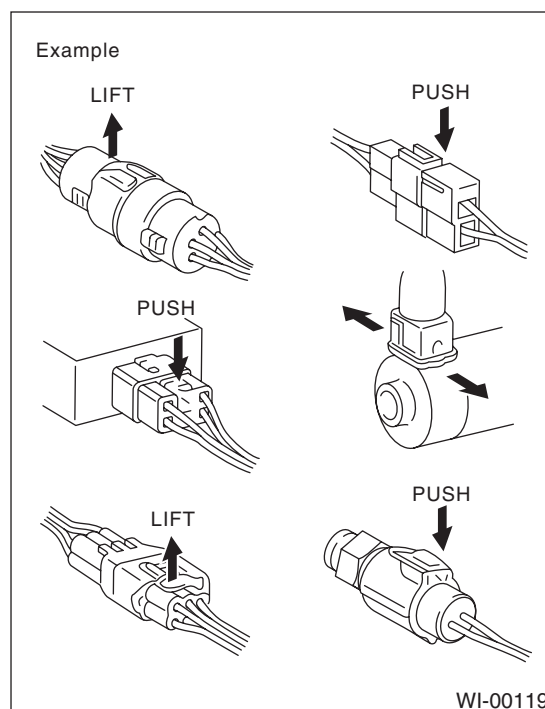
B: PRECAUTIONS IN TROUBLE DIAGNOSIS AND REPAIR OF ELECTRIC PARTS

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



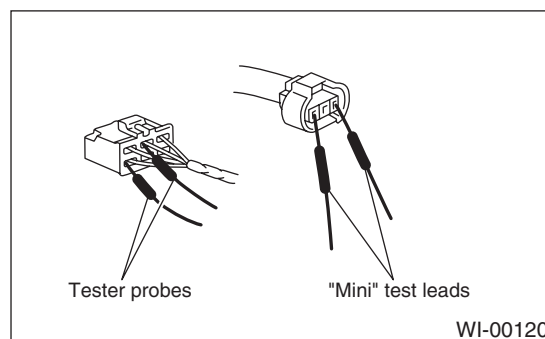
- 5) Some connectors are provided with a lock. One type of such a connector is disconnected by pushing the lock, and the other, by moving the lock up. In either type the lock shape must be identified before attempting to disconnect the connector.

To connect, insert the connector until it snaps and confirm that it is tightly connected.



- 6) When checking continuity between connector terminals, or measuring voltage across the terminal and ground, always contact tester probe(s) on terminals from the wiring connection side. If the probe is too thick to gain access to the terminal, use "mini" test leads.

To check water-proof connectors (which are not measurable from the wiring side), contact test probes on the terminal side. Be 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.

Power Supply Circuit

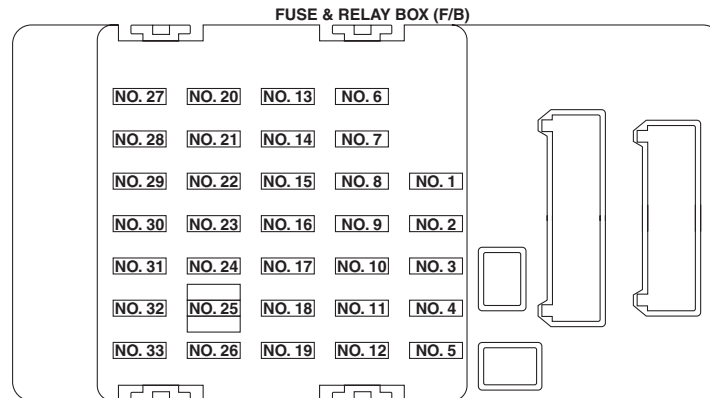
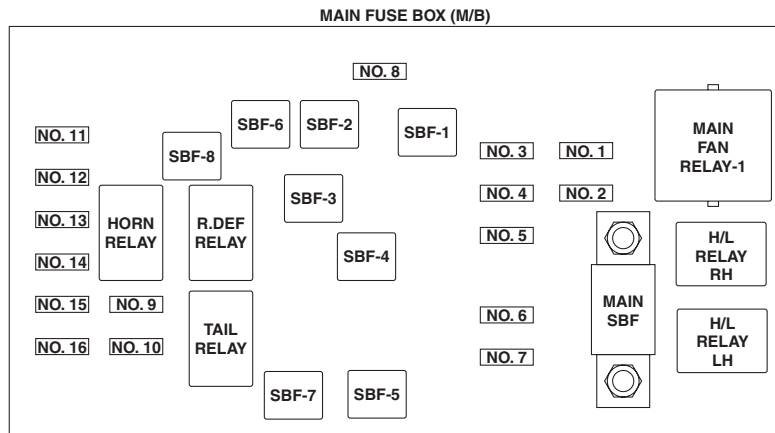
WIRING SYSTEM

3. Power Supply Circuit

A: WIRING DIAGRAM

P-SUP-01

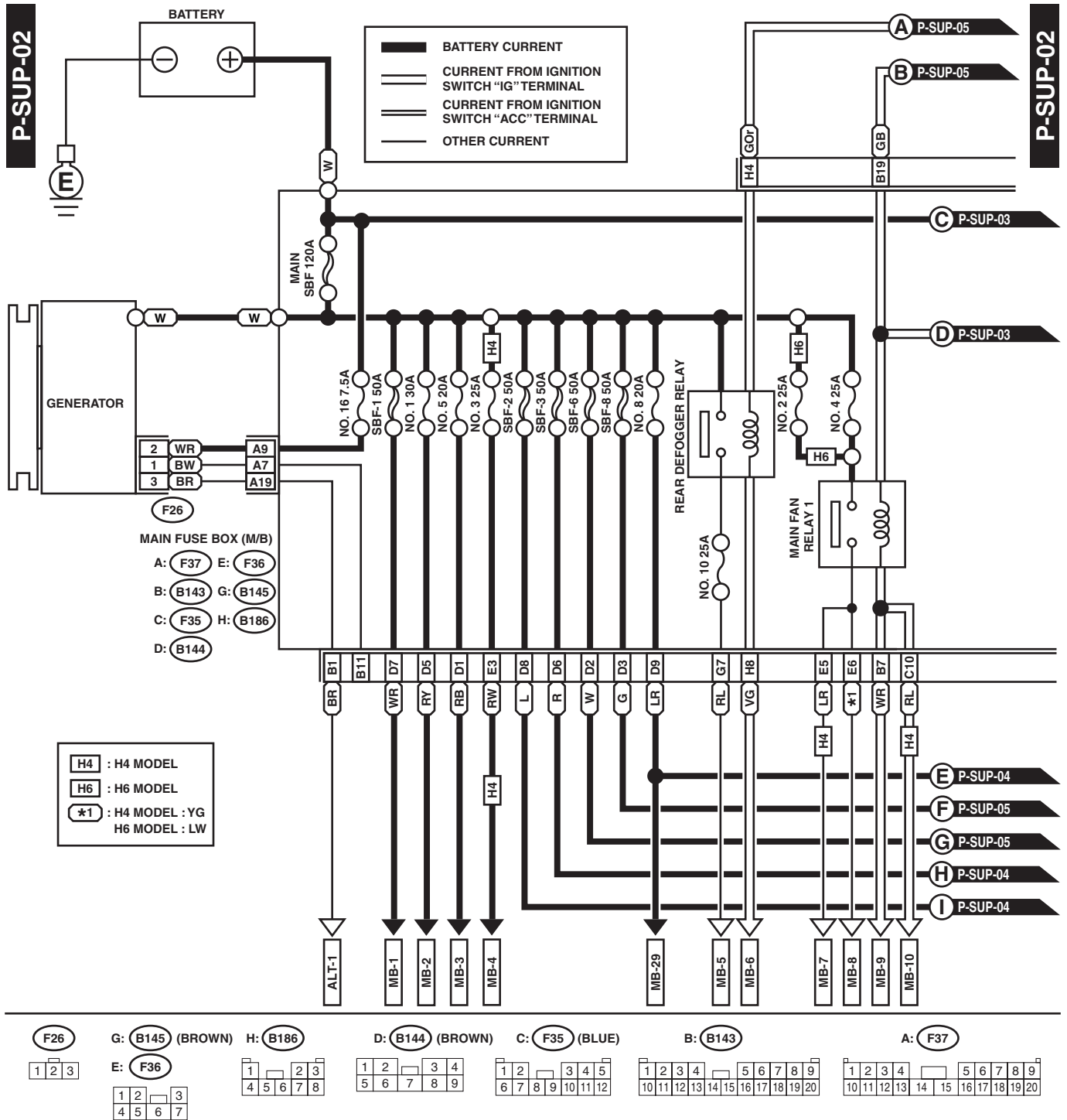
P-SUP-01



WI-05253

Power Supply Circuit

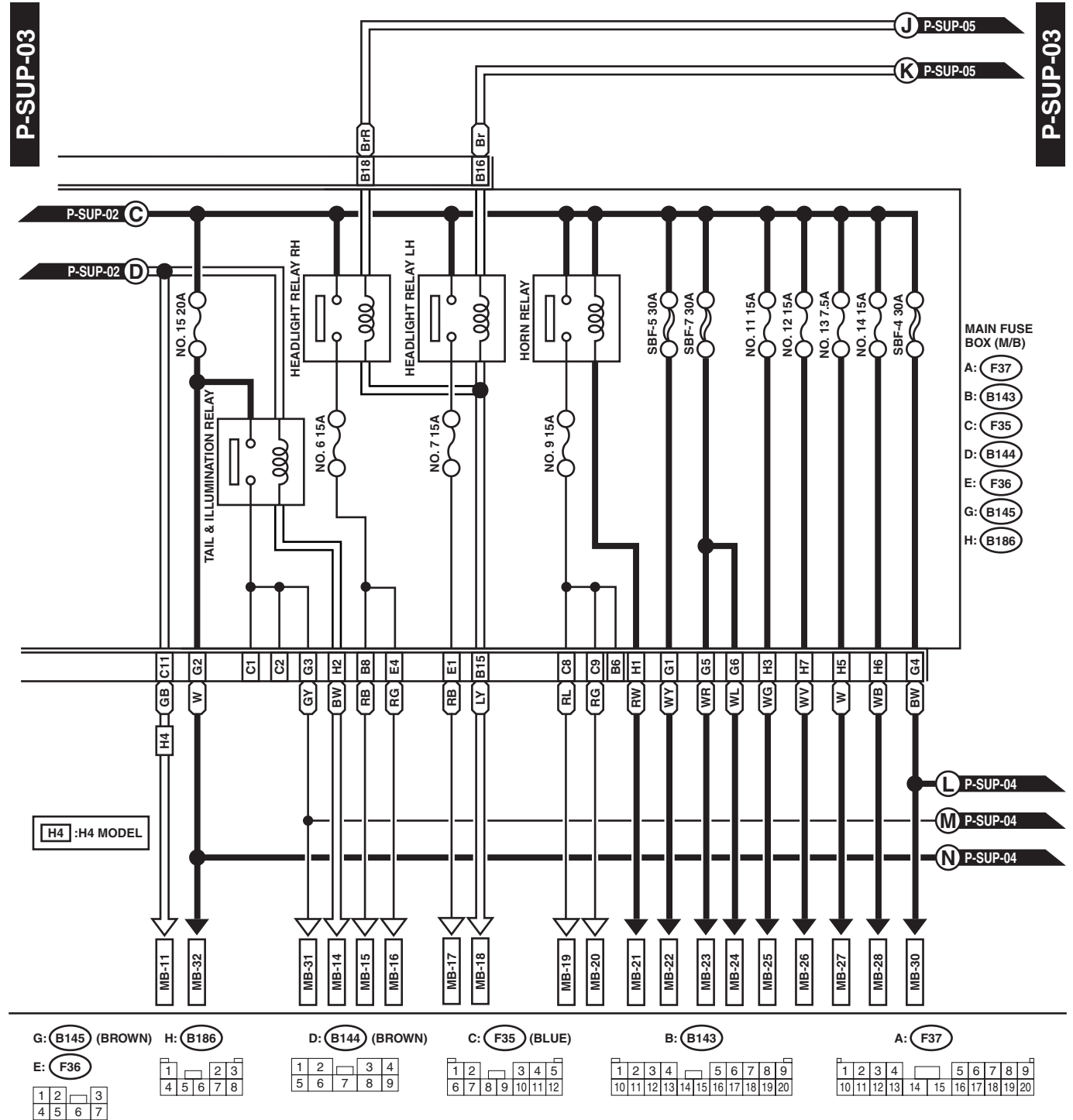
WIRING SYSTEM



WI-05254

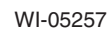
Power Supply Circuit

WIRING SYSTEM



WI-05255

WIRING SYSTEM



Power Supply Circuit

WIRING SYSTEM

No.	Load
MB-1	ABS control module VDC control module
MB-2	ABS control module VDC control module
MB-4	Sub fan relay
MB-5	Auto A/C control module Condenser Mirror heater relay Rear defogger
MB-6	Body integrated unit
MB-7	Main fan relay 2
MB-8	Main fan motor PWM controller
MB-9	ECM
MB-10	Main fan relay 2
MB-11	Main fan relay 2
MB-14	Lighting switch OP connector
MB-15	Combination meter
MB-16	Headlight RH
MB-17	Headlight LH
MB-18	OP connector Daytime running light control module
MB-19	Horn (HI)
MB-20	Horn (LO)
MB-21	Body integrated unit Horn switch
MB-22	Oxygen sensor relay Main relay
MB-23	Oxygen sensor relay Main relay
MB-24	Electronic throttle control relay
MB-25	Fuel pump relay
MB-26	TCM
MB-27	Data link connector ECM
MB-28	Body integrated unit Key switch illumination Key warning switch Turn signal and hazard module
MB-29	Auto A/C control module Body integrated unit Interior light Spot map light
MB-30	Power window circuit breaker
MB-31	F/B fuse No. 16
MB-32	Parking light switch
ALT-1	ECM
ST-1	ECM Starter relay Security relay Clutch switch (MT model)
ST-2	Starter relay
FB-3	Stop light and brake switch

No.	Load
FB-4	Mirror heater relay Wiper deicer relay
FB-5	Seat heater relay
FB-6	Body integrated unit
FB-7	OP connector
FB-8	Blower fan relay
FB-9	Front fog light relay
FB-10	Audio Clock Keyless entry control module Step light LH Step light RH
FB-11	Luggage room light (Wagon model) Trunk room light (Sedan model)
FB-12	Clock
FB-13	Seat heater switch
FB-14	OP connector AT indicator illumination light Satellite switch illumination light
FB-17	Combination meter TPM control module Impact sensor Occupant detection control module OP connector
FB-18	Body integrated unit
FB-19	Remote control mirror switch
FB-20	Seat heater relay Vanity mirror illumination LH Vanity mirror illumination RH
FB-21	Rear accessory power supply socket Seat heater switch
FB-22	Front accessory power supply socket
FB-23	Rear wiper motor
FB-24	Body integrated unit Rear washer motor
FB-25	Audio Clock
FB-26	OP connector
FB-27	Front wiper motor Front wiper switch Front washer motor
FB-28	Body integrated unit
FB-29	Auto A/C control module TCM
FB-31	Impact sensor
FB-32	Stop light and brake switch Clutch switch (MT/Cruise) ECM OP connector Line end check connector Seat belt warning light Sunroof control module Sunroof switch Wiper deicer relay
FB-33	Clock
FB-34	Turn signal and hazard module

Power Supply Circuit

WIRING SYSTEM

No.	Load
FB-35	Back-up light relay (5AT model) Back-up light switch (MT model) Inhibitor switch (4AT model) Daytime running light control module
FB-36	Combination meter
FB-37	Body integrated unit
FB-38	ECM Fuel pump relay Ignition coil P-VIGN relay (5AT model) Rear vehicle speed sensor (4AT model) TCM
FB-39	Airbag control module
FB-41	Airbag control module
FB-42	Power window relay
FB-44	ABS control module VDC control module
FB-45	A/C control panel
FB-46	A/C relay Auto A/C control module Blower fan relay FRESH/RECIRC actuator Mode actuator Pressure switch Sub fan relay
FB-47	Occupant detection control module
FB-48	TPM control module

A: WIRING DIAGRAM

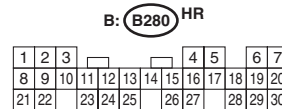
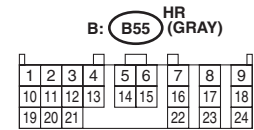
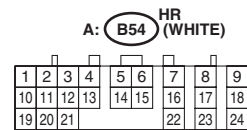
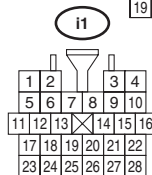
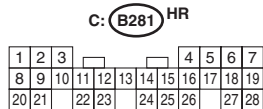
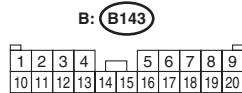
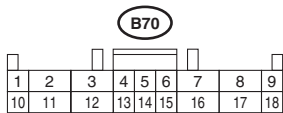
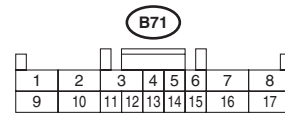
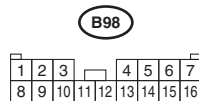
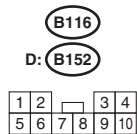
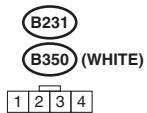
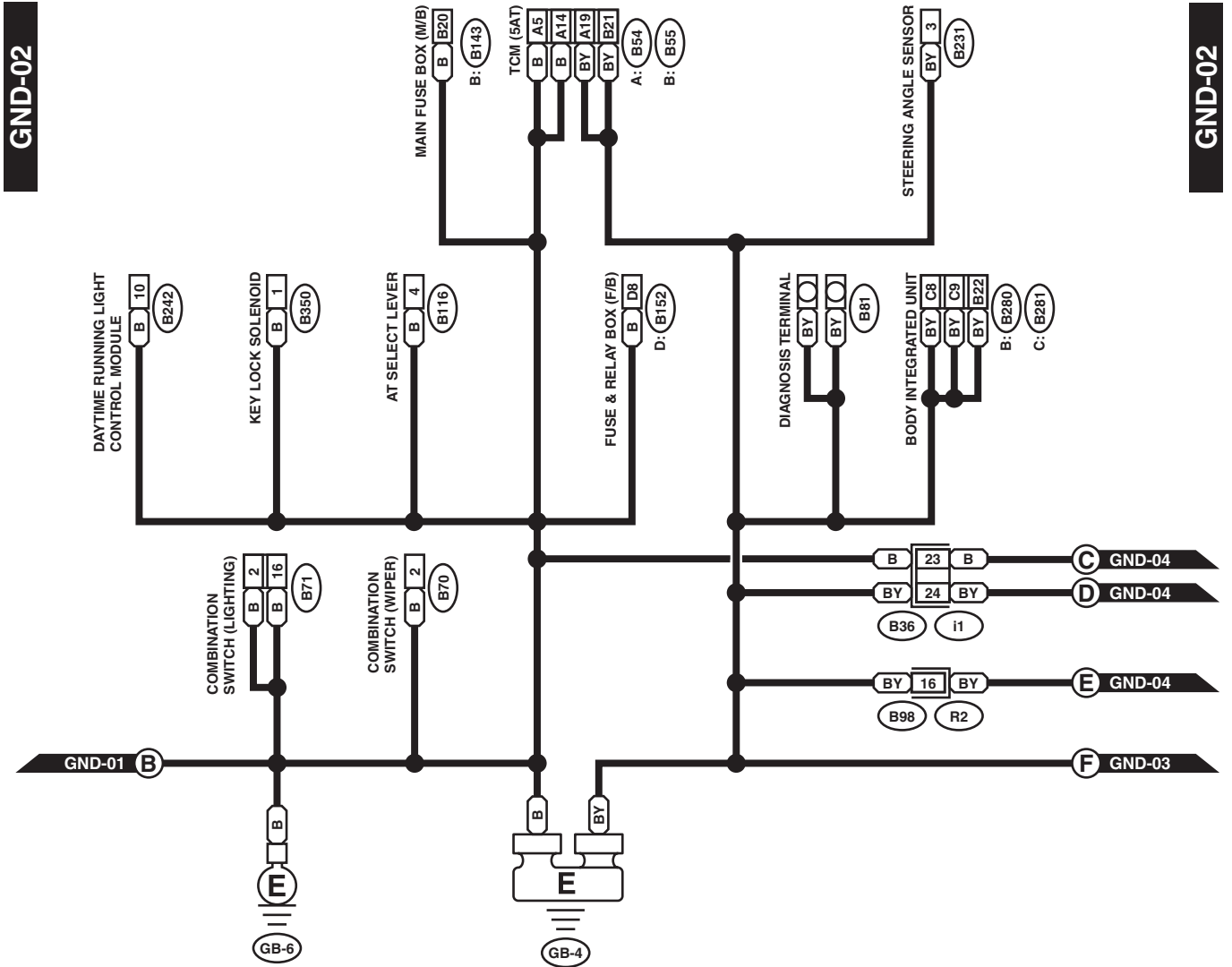


Ground Circuit

WIRING SYSTEM

GND-02

GND-02

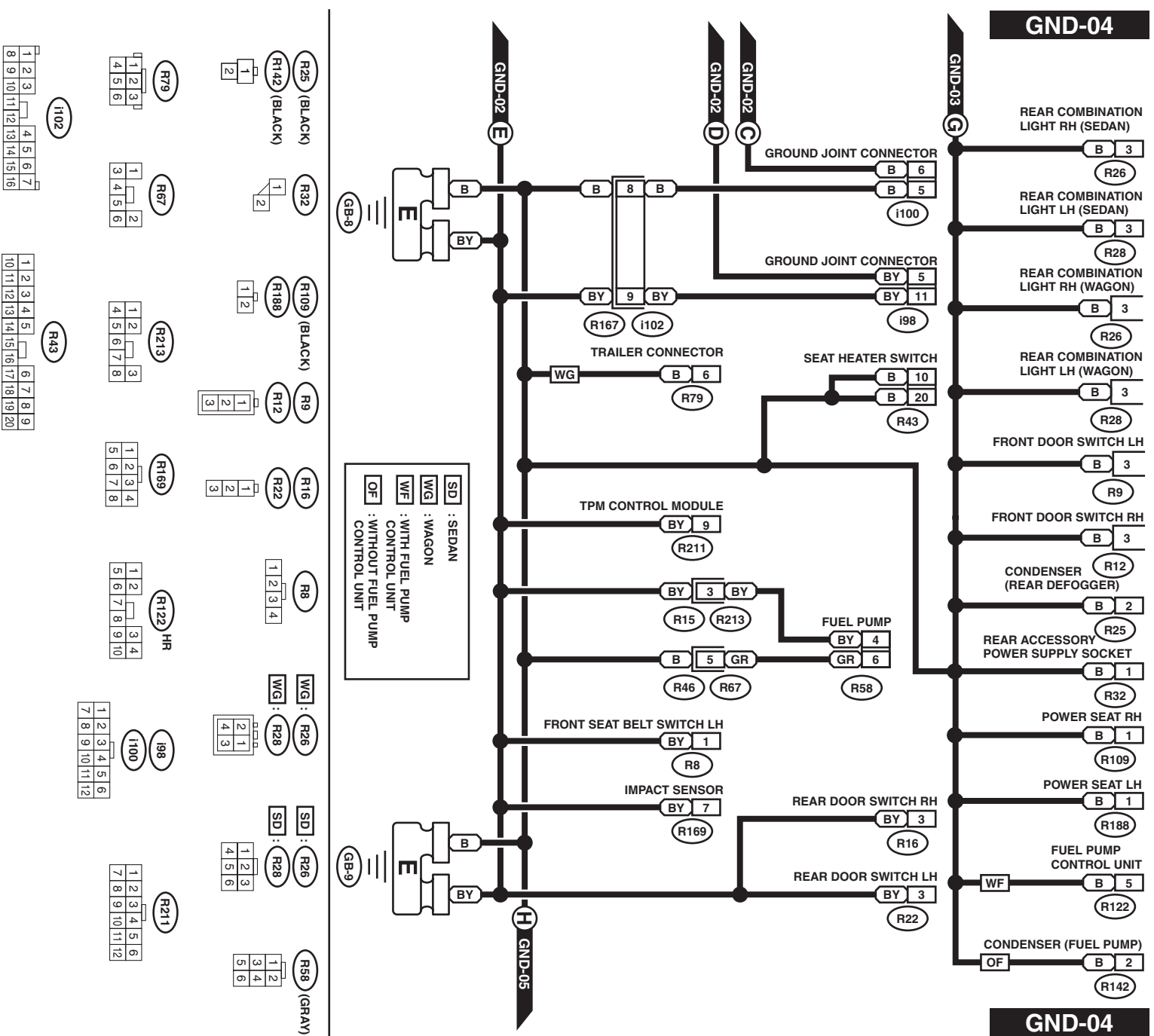


WI-05259

WIRING SYSTEM



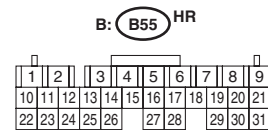
Ground Circuit





WIRING SYSTEM

GND-06

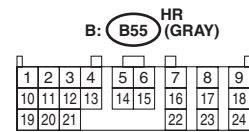
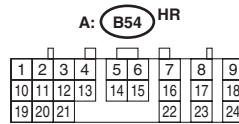
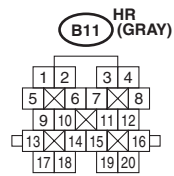
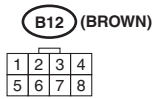
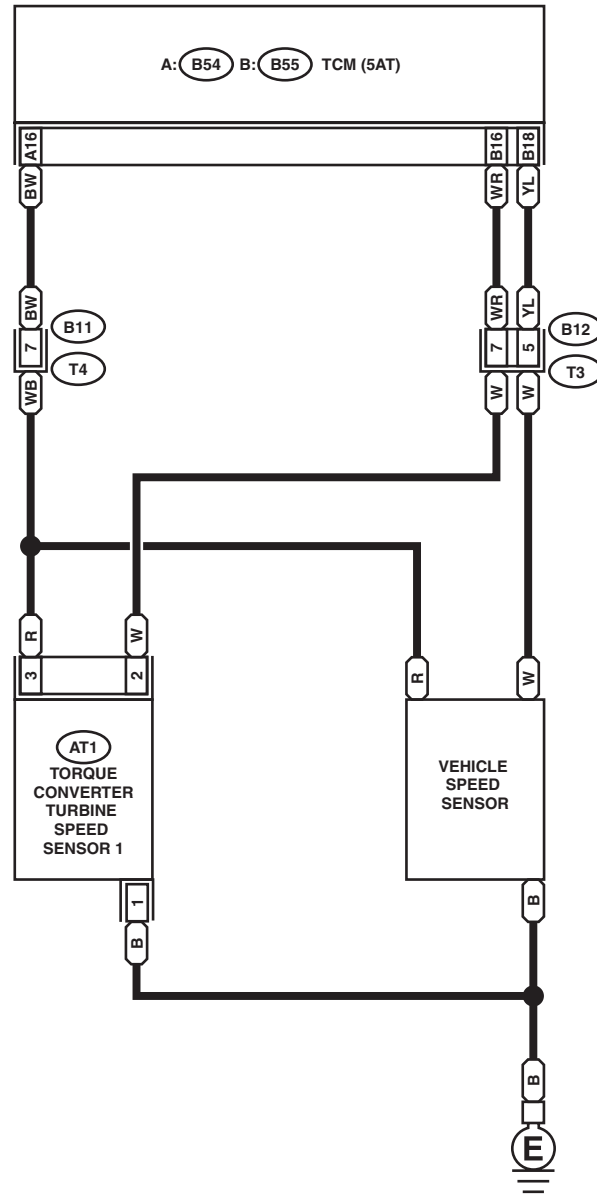


Ground Circuit

WIRING SYSTEM

GND-07

GND-07



WI-05264

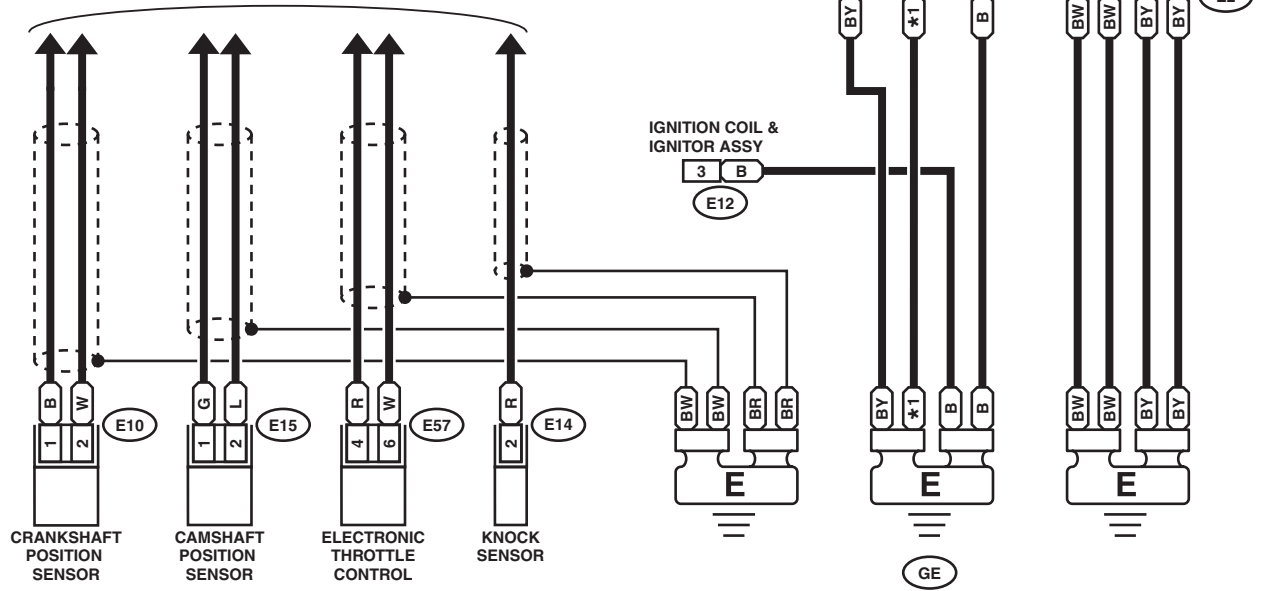
Ground Circuit

WIRING SYSTEM

GND-08

U5 : H4 (U5) MODEL
★1 : H4 MODEL : BL
H4 (U5) MODEL : BY

REF. TO ENGINE ELECTRICAL
SYSTEM [E/G(H4)-06] [E/G(H4)U5-07]



E10 (LIGHT GRAY) E14 (BROWN) E12 (DARK GRAY) E57
E15 (GRAY) 1 2 1 2 3 4 1 2 3 4 5 6
1 2

D: (B137) HR

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

B21 (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

A: (B134) HR

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

B: (B135) HR

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

WI-05265

Ground Circuit

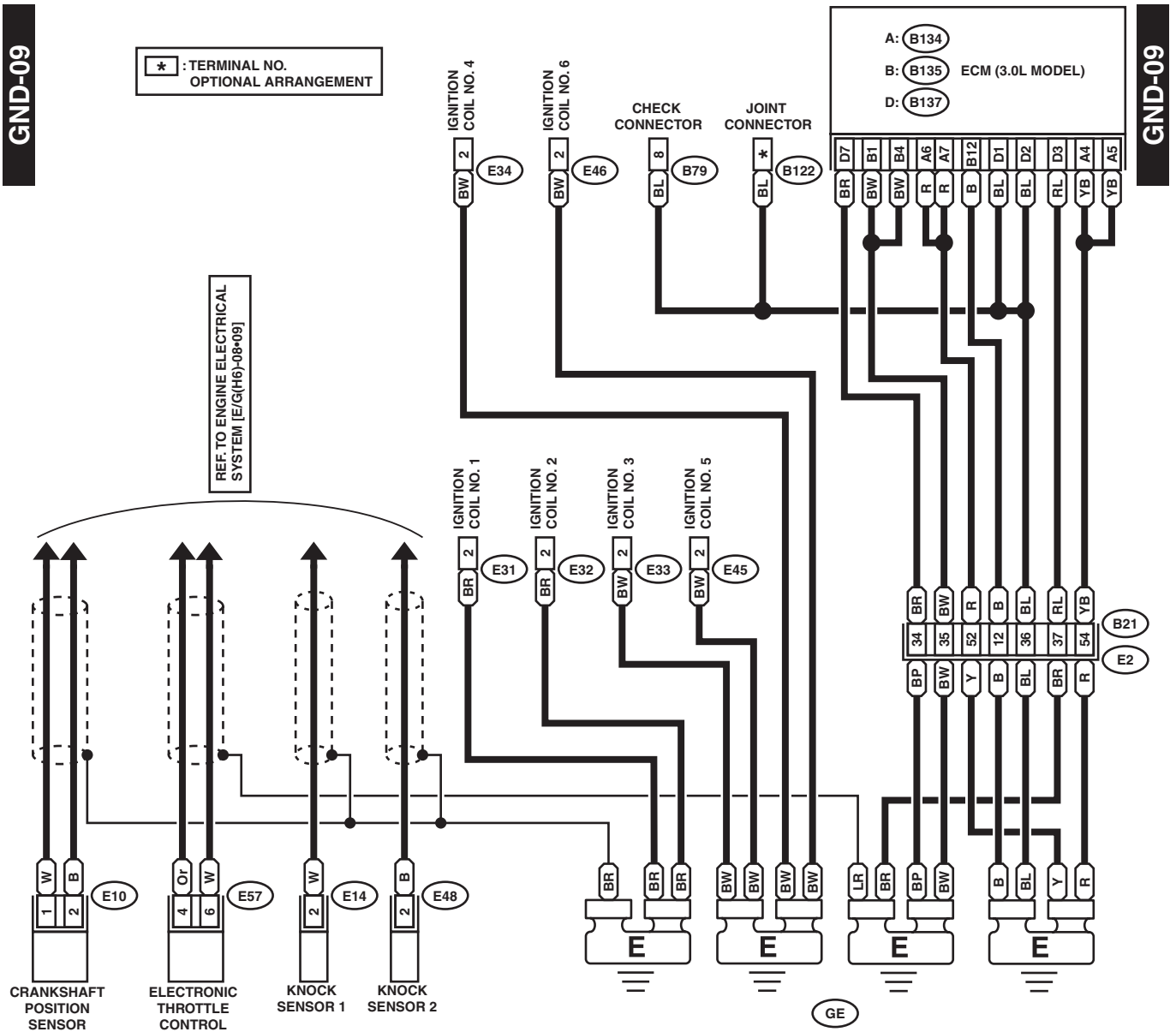
WIRING SYSTEM

GND-09

GND-09

* : TERMINAL NO.
OPTIONAL ARRANGEMENT

REF. TO ENGINE ELECTRICAL
SYSTEM [E/G(H6-08-09)]



- E10 (LIGHT GRAY) (BLACK)
- E14 (GREEN) (BLACK)
- E48 (GREEN) (WHITE)
- E31 (BLACK)
- E32 (WHITE)
- E33 (BLACK)
- E34 (BLACK)
- E45 (BLACK)
- E46 (BLACK)

E57 (BLACK)

B122

B79 (GRAY)

B21 (BLACK)

1	2
---	---

1
2
3

1	2	3	4	5	6
---	---	---	---	---	---

1	2	3	4
5	6	7	8

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

D: B137 HR

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

A: B134 HR

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

B: B135 HR

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

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

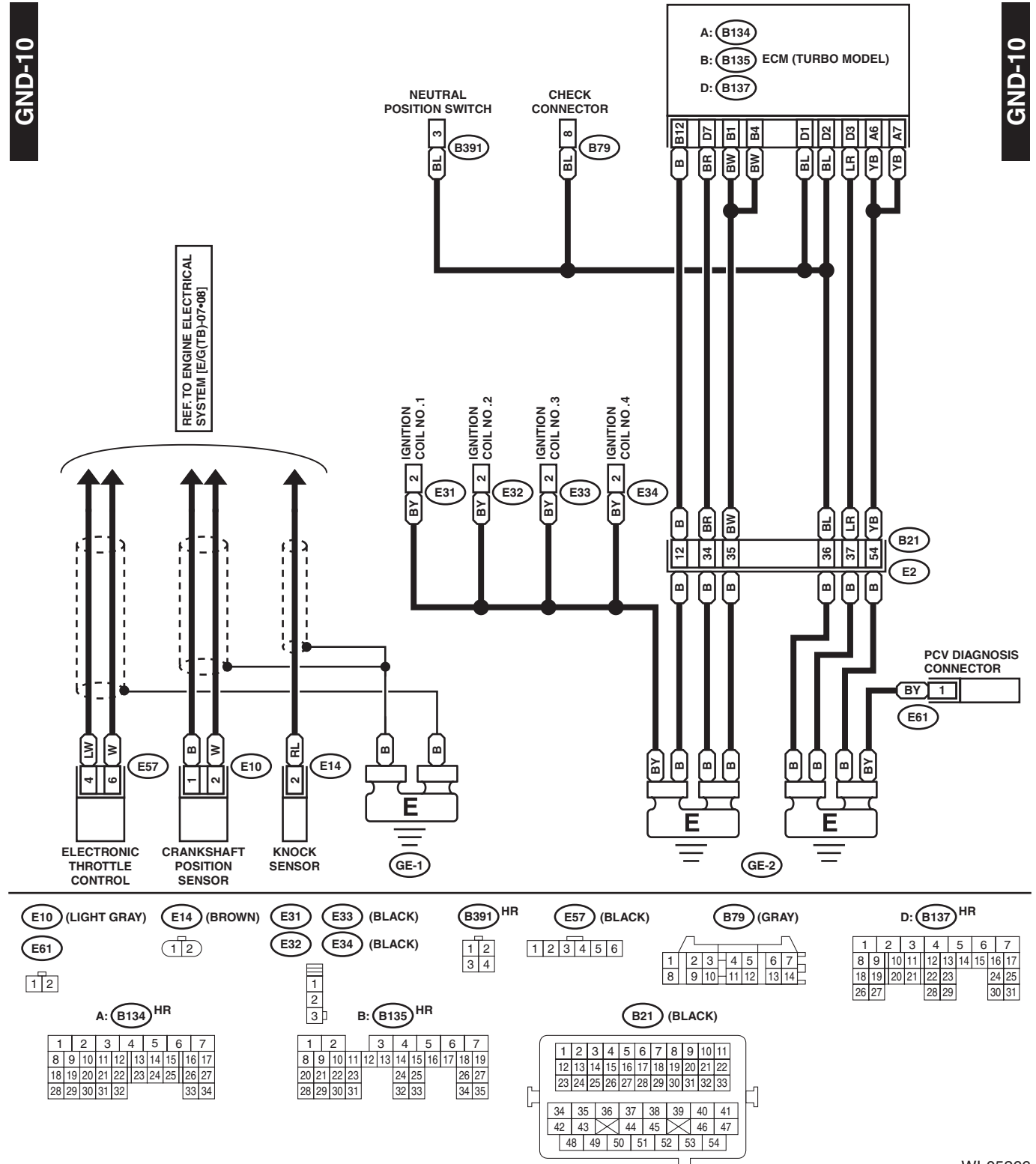
WI-05267

Ground Circuit

WIRING SYSTEM

GND-10

GND-10



WI-05266

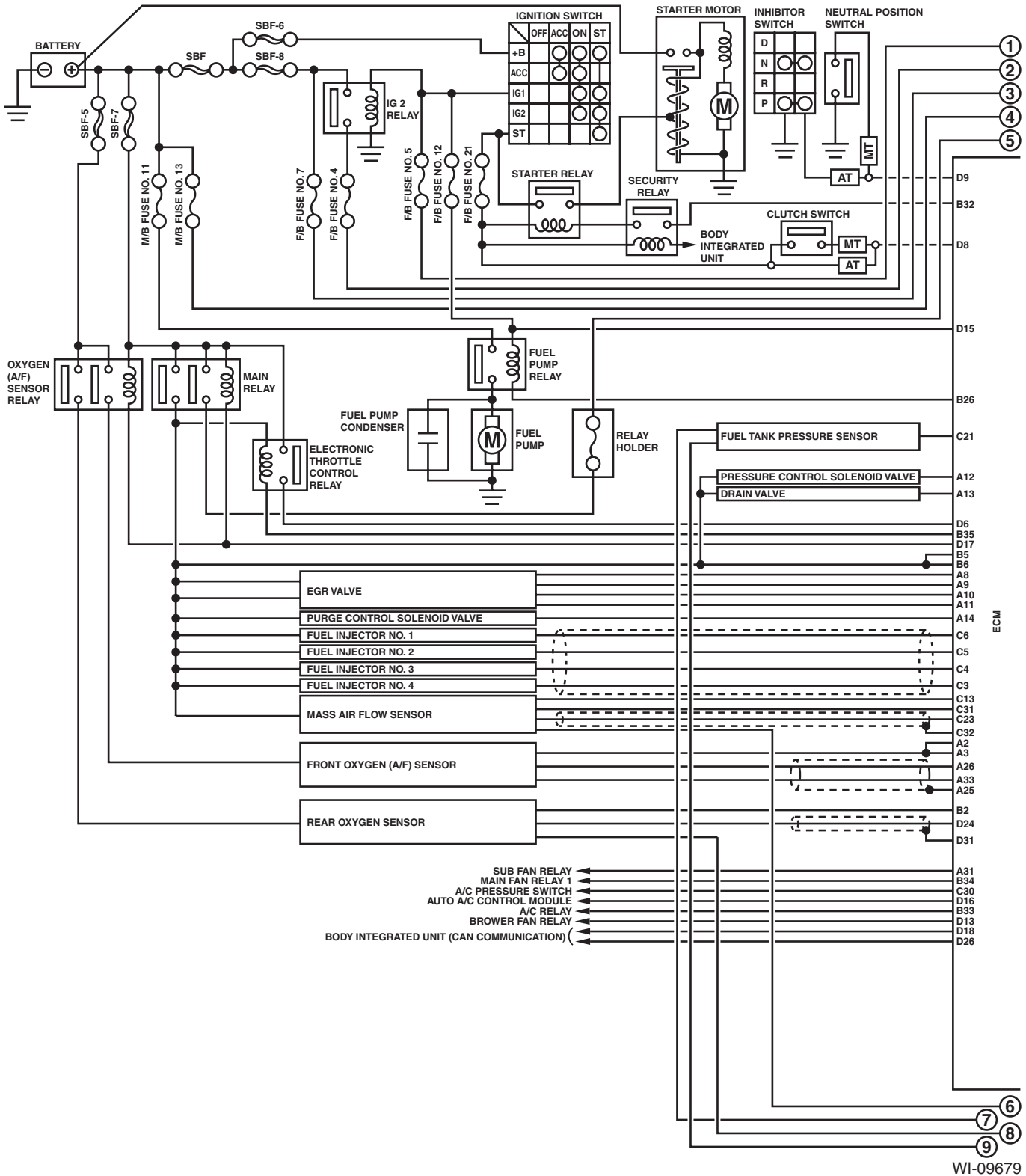
Engine Electrical System

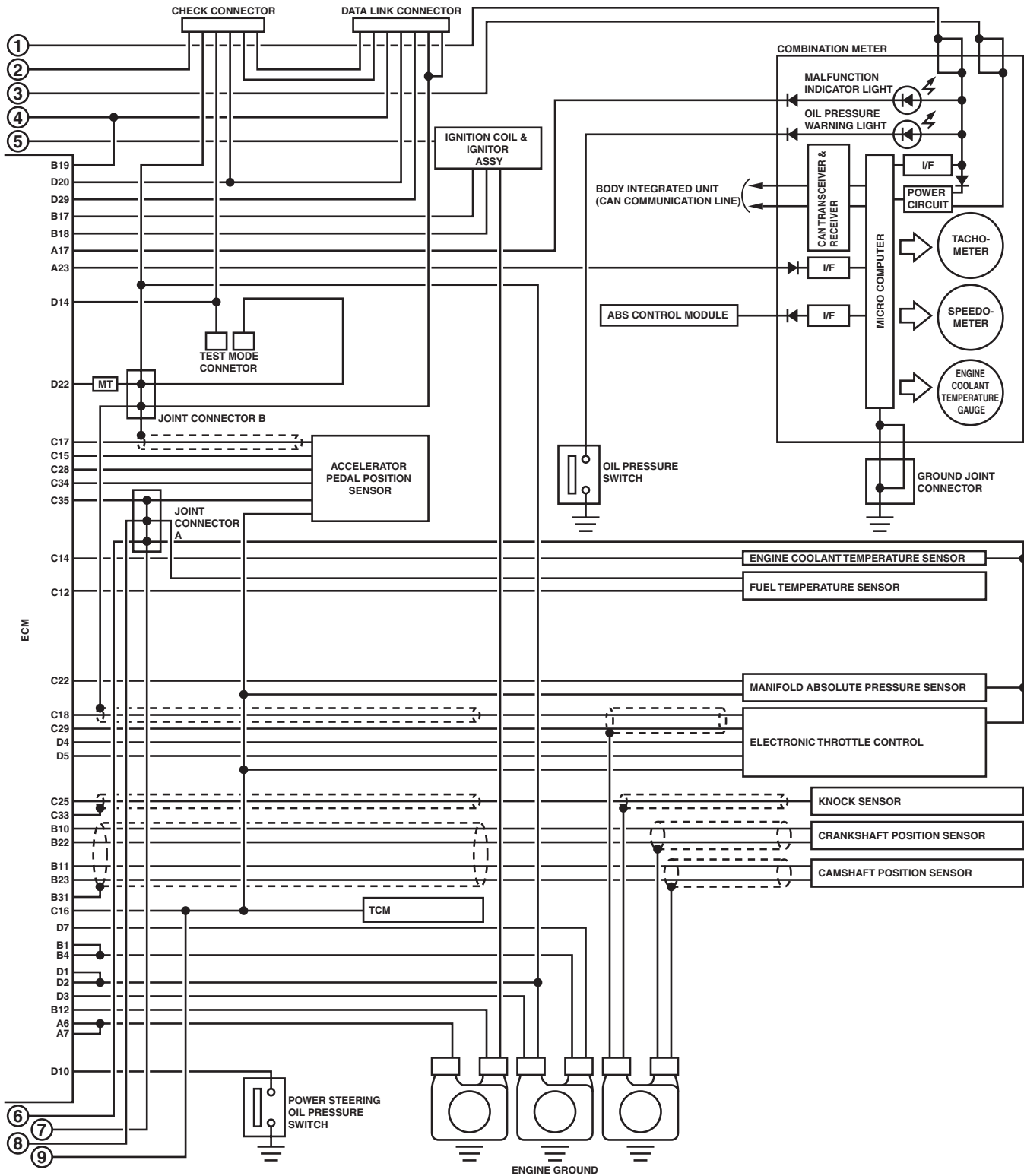
WIRING SYSTEM

5. Engine Electrical System

A: WIRING DIAGRAM

1. 2.5 L NON-TURBO MODEL

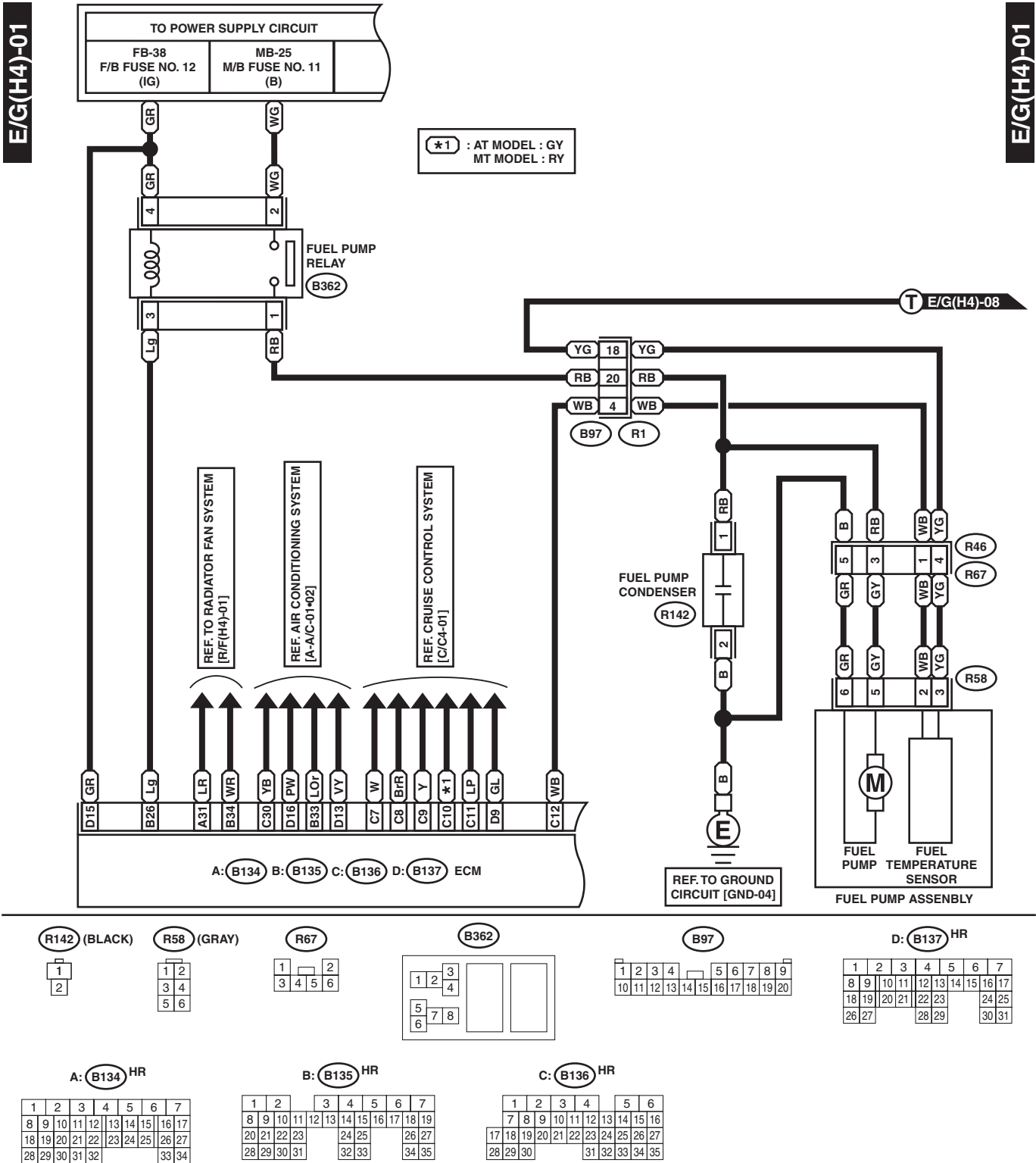




WI-05315

Engine Electrical System

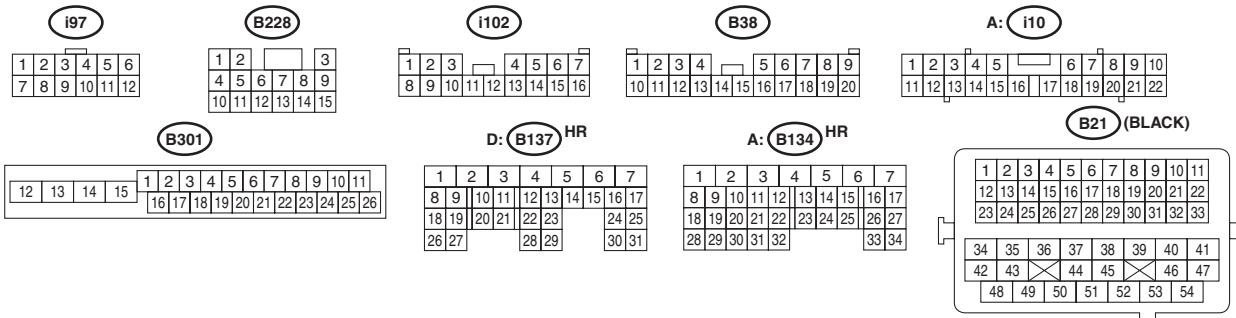
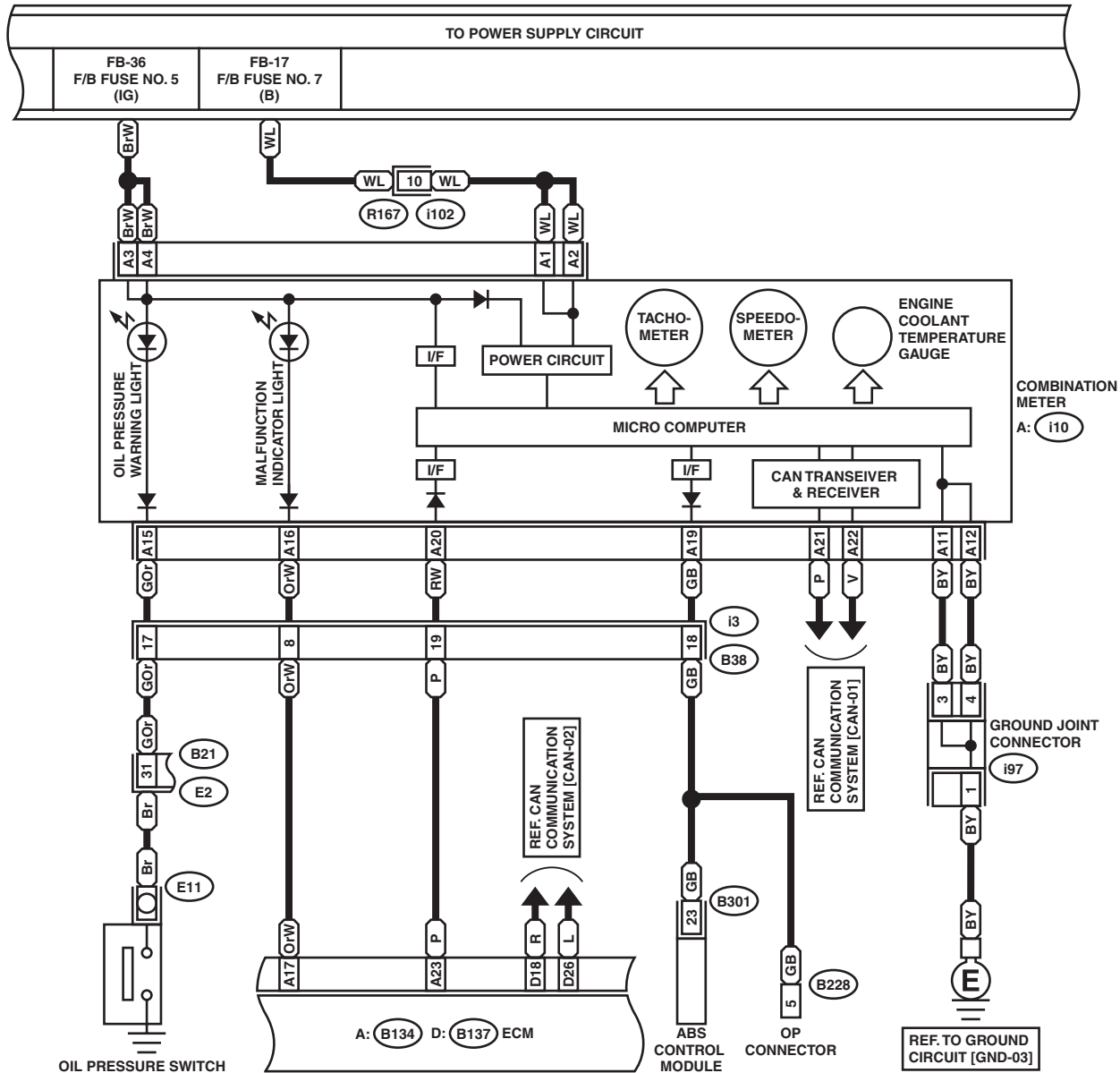
WIRING SYSTEM



WI-05316

E/G(H4)-02

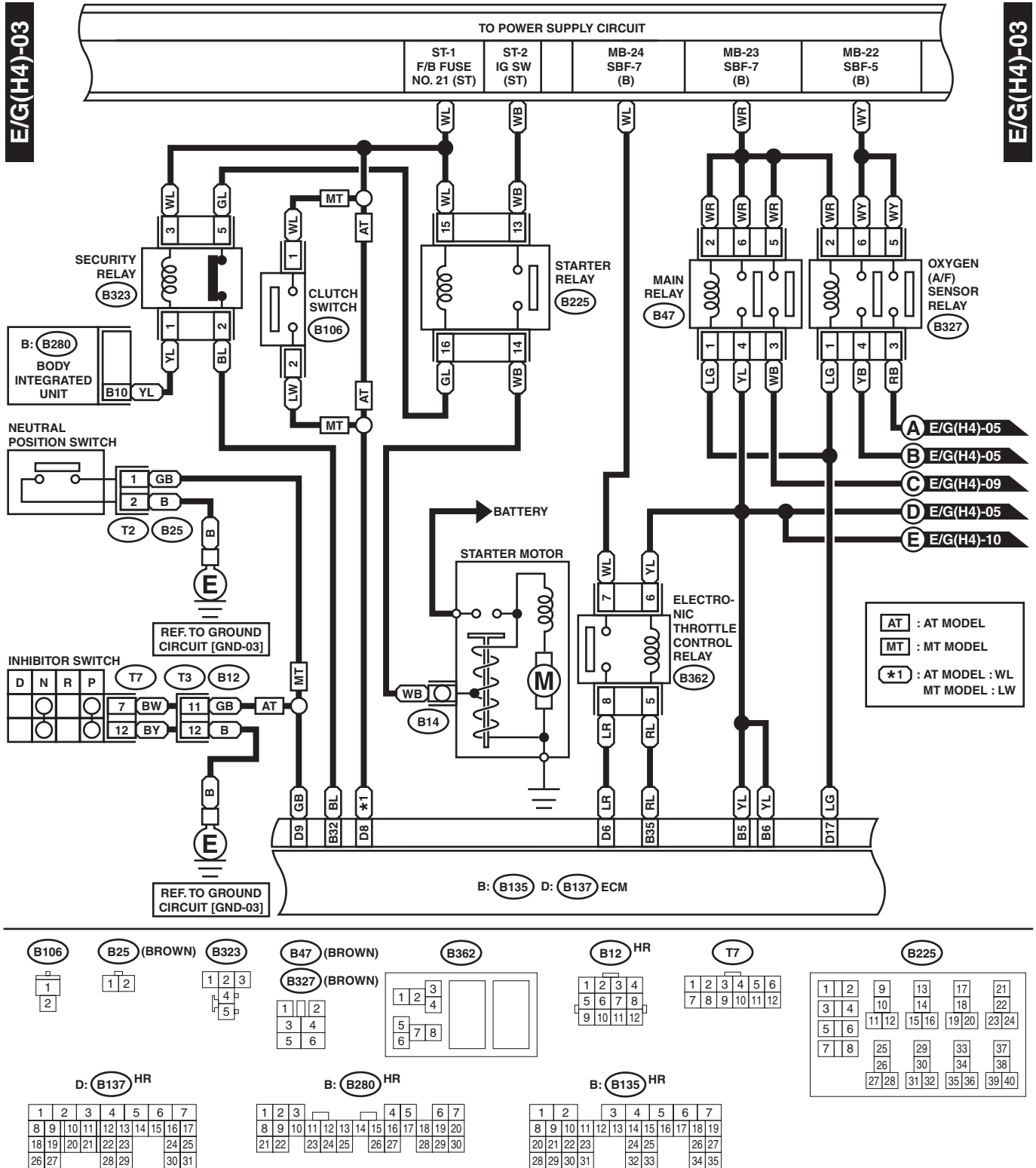
E/G(H4)-02



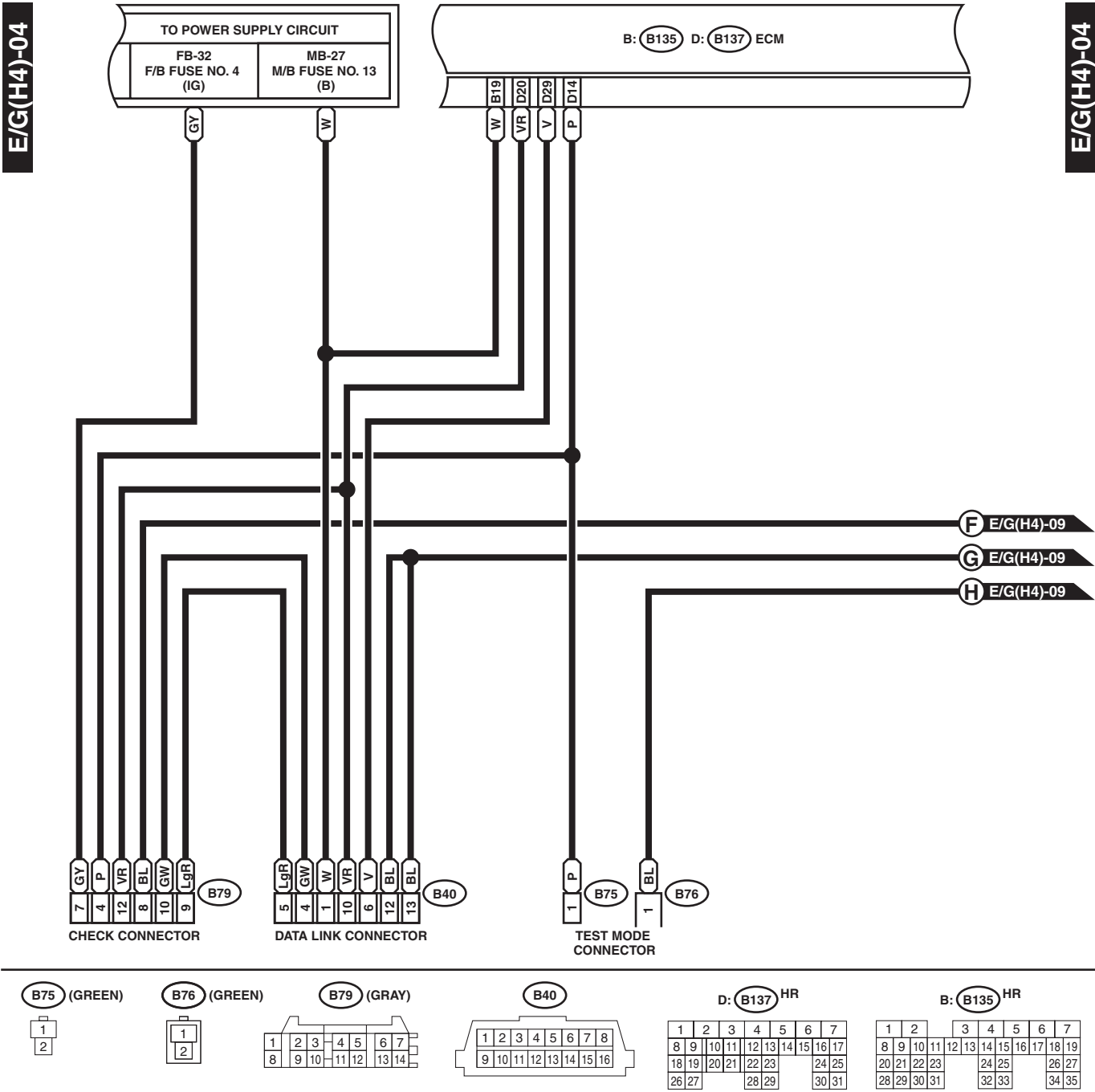
WI-05317

Engine Electrical System

WIRING SYSTEM

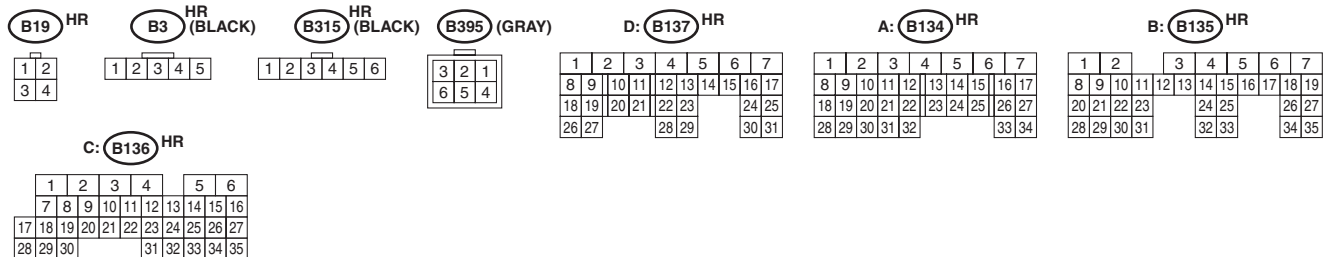


WI-16188



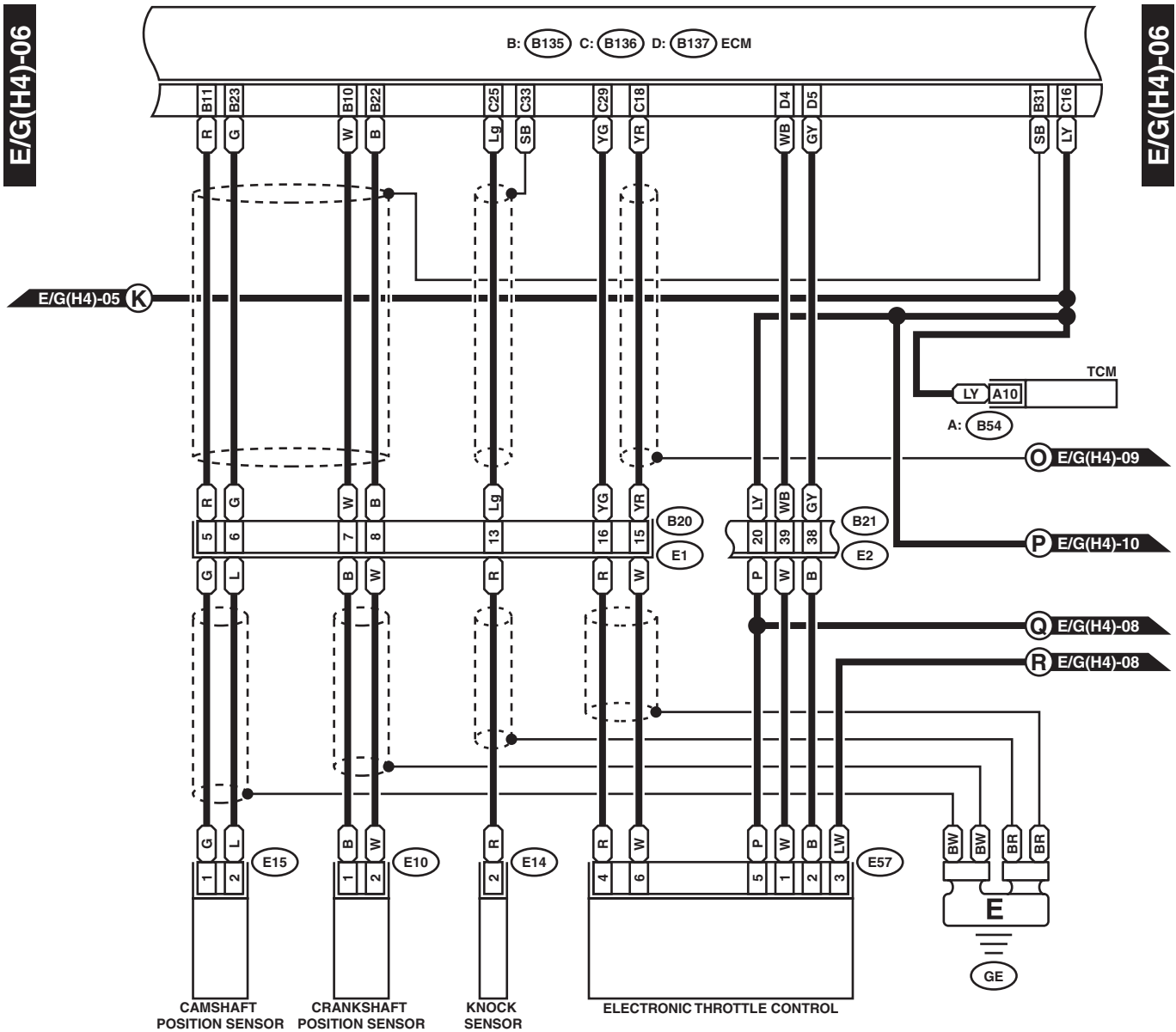
WI-05319

WIRING SYSTEM

**WI-40**

Engine Electrical System

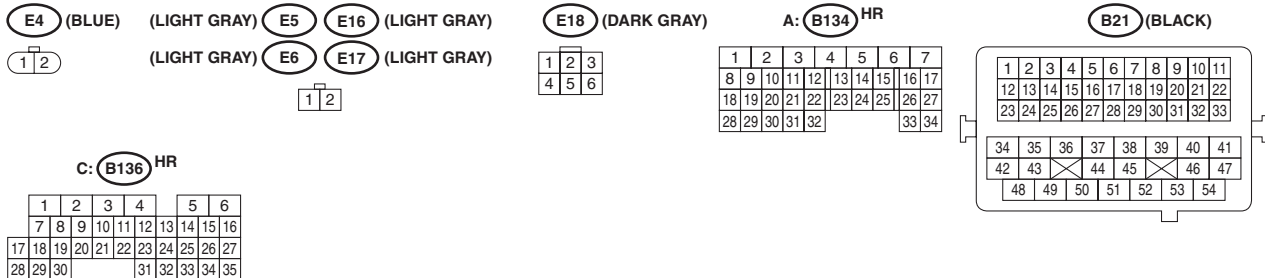
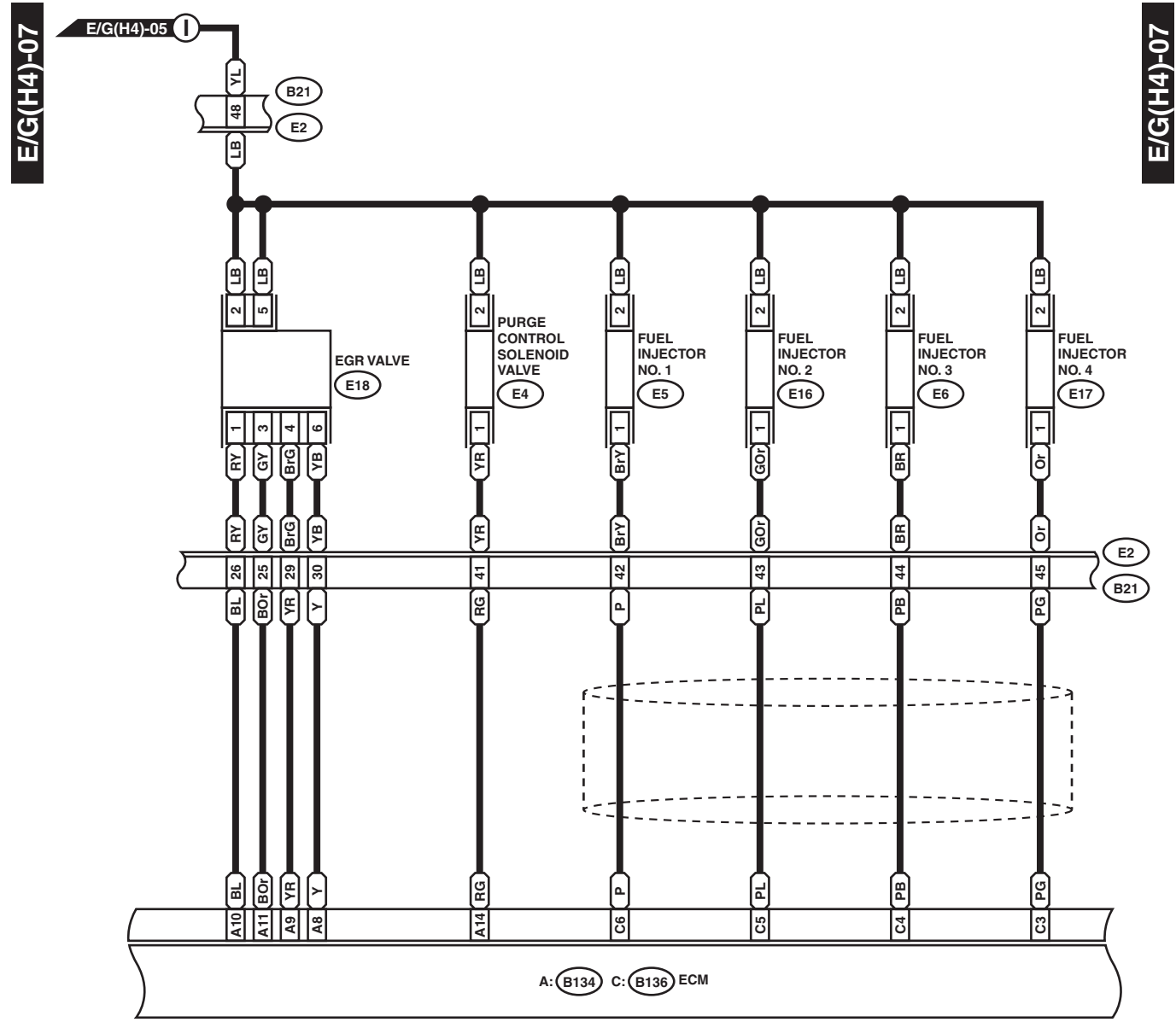
WIRING SYSTEM



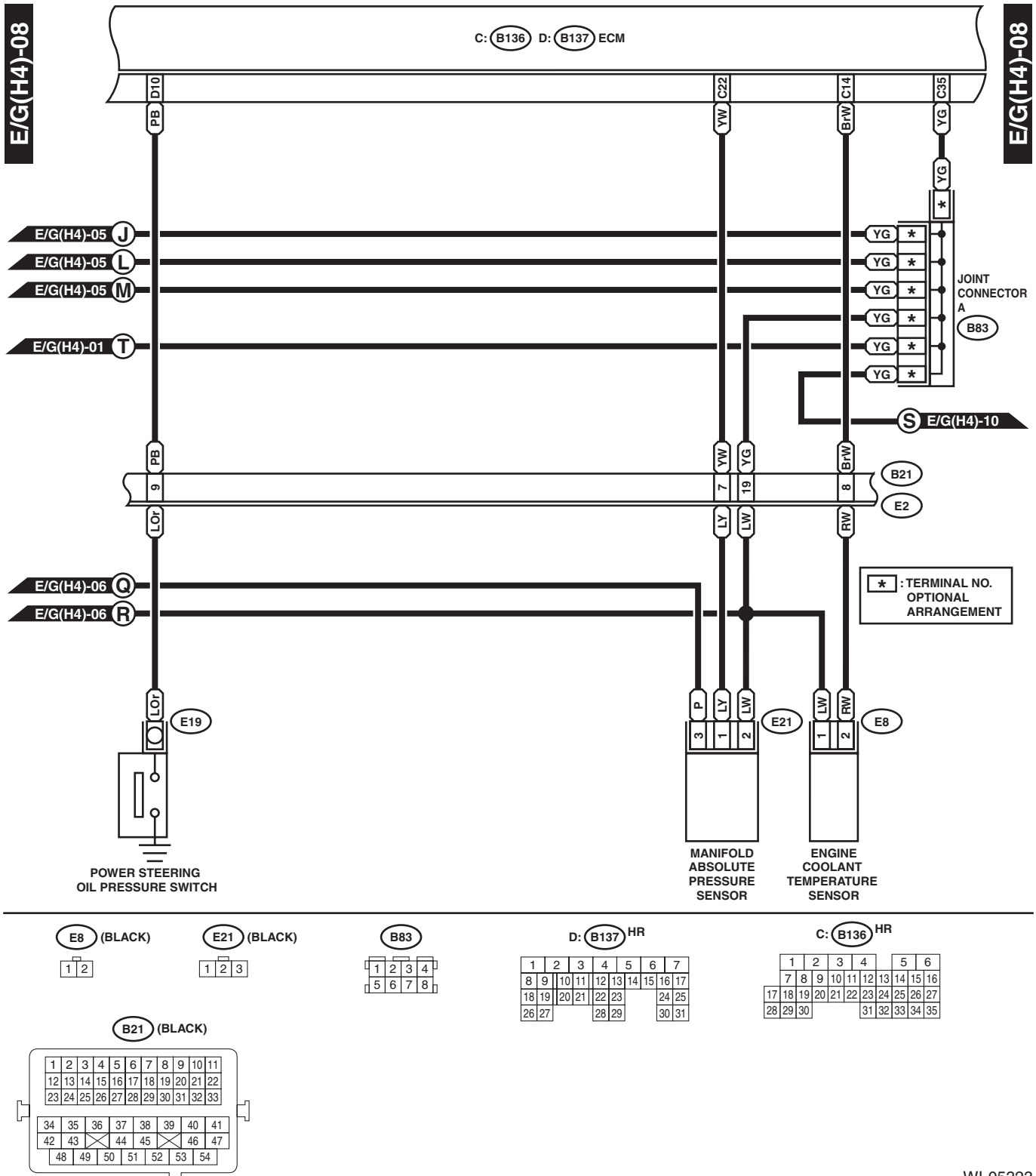
WI-05321

Engine Electrical System

WIRING SYSTEM



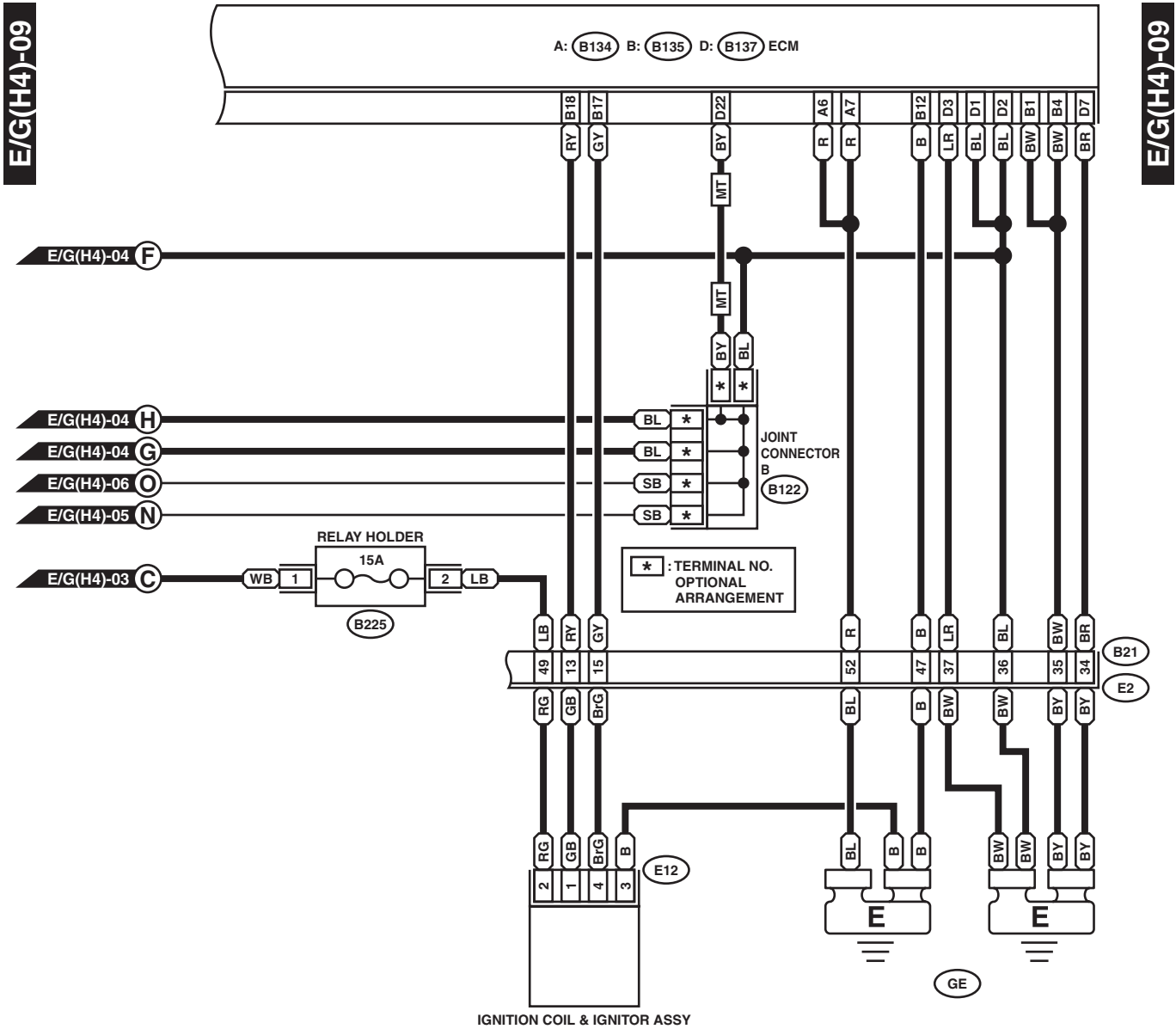
WI-05322



WI-05323

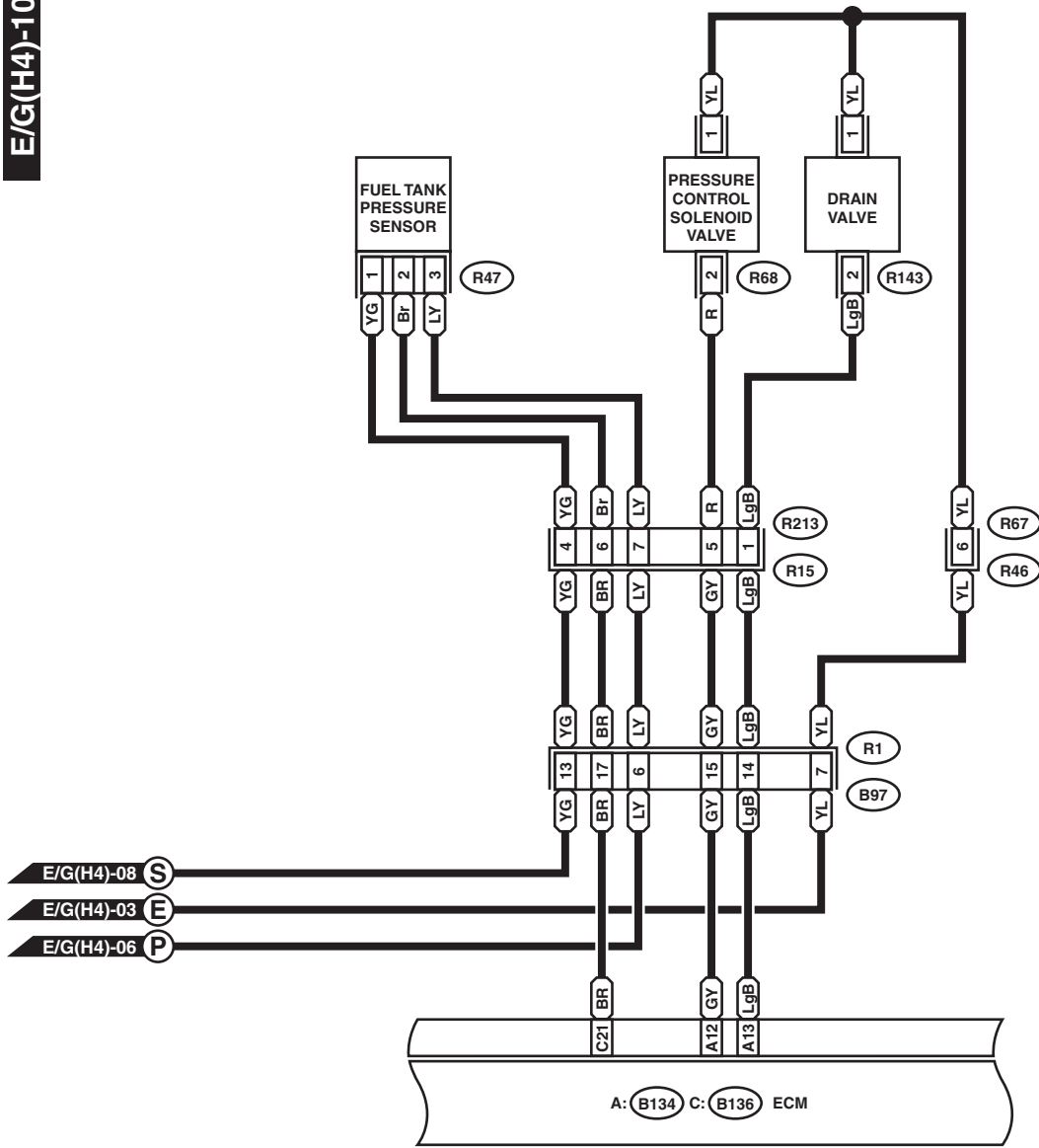
Engine Electrical System

WIRING SYSTEM

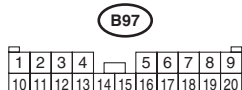
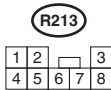
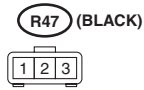
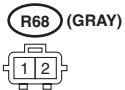
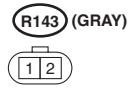


E/G(H4)-10

E/G(H4)-10



E/G(H4)-08 S
E/G(H4)-03 E
E/G(H4)-06 P



A: B134 HR

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	

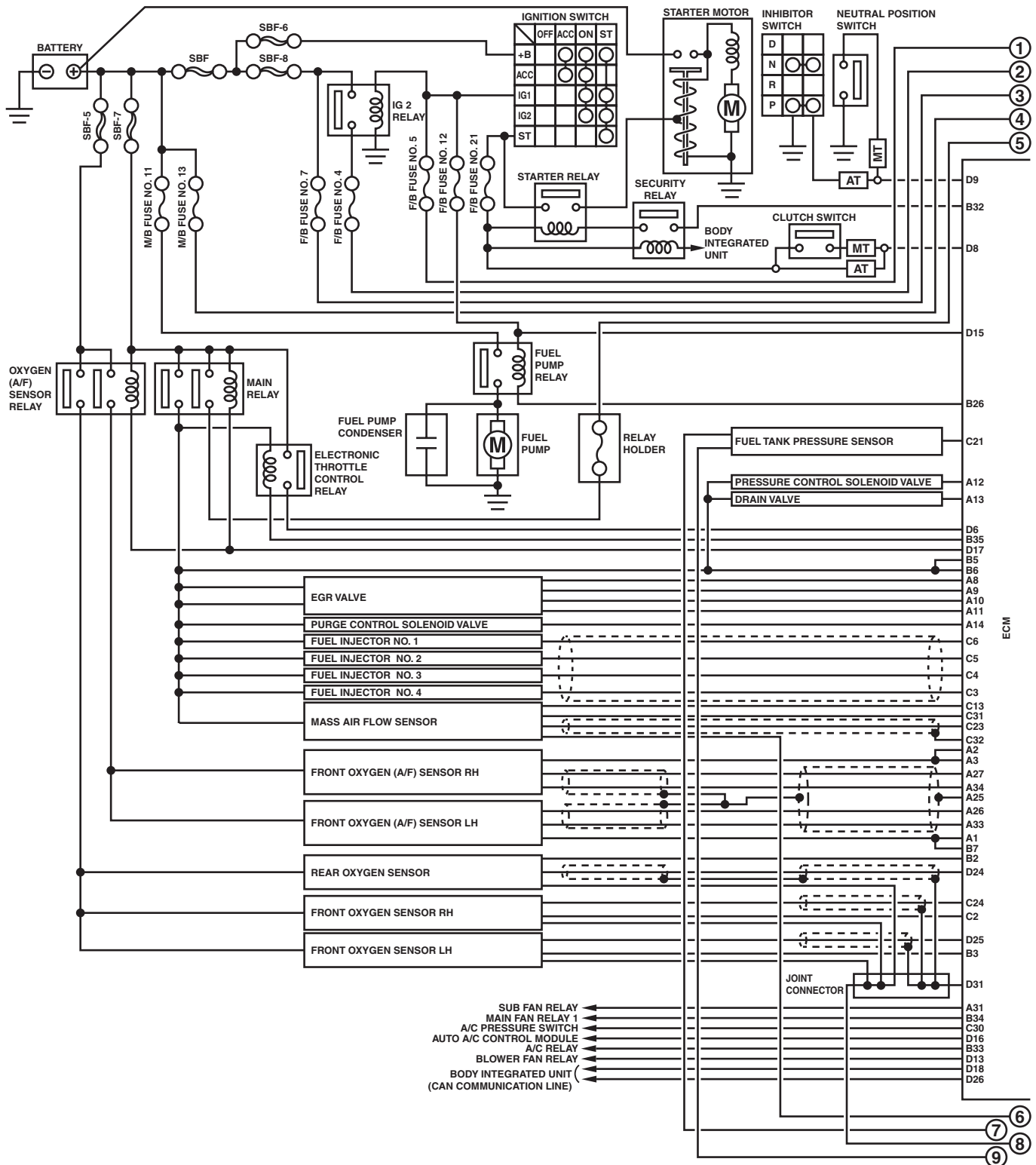
C: B136 HR

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	

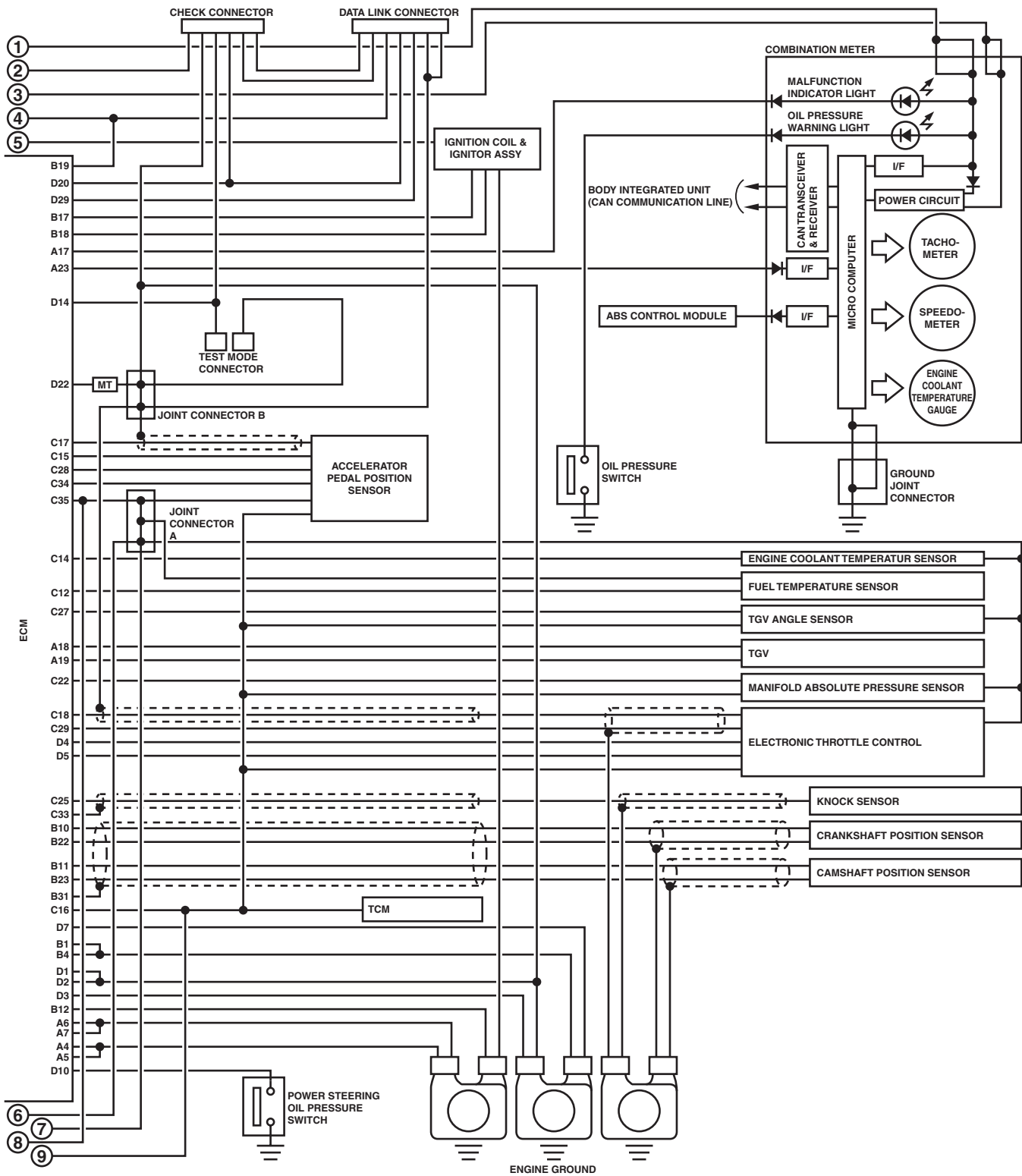
Engine Electrical System

WIRING SYSTEM

2. 2.5 L NON-TURBO (U5) MODEL



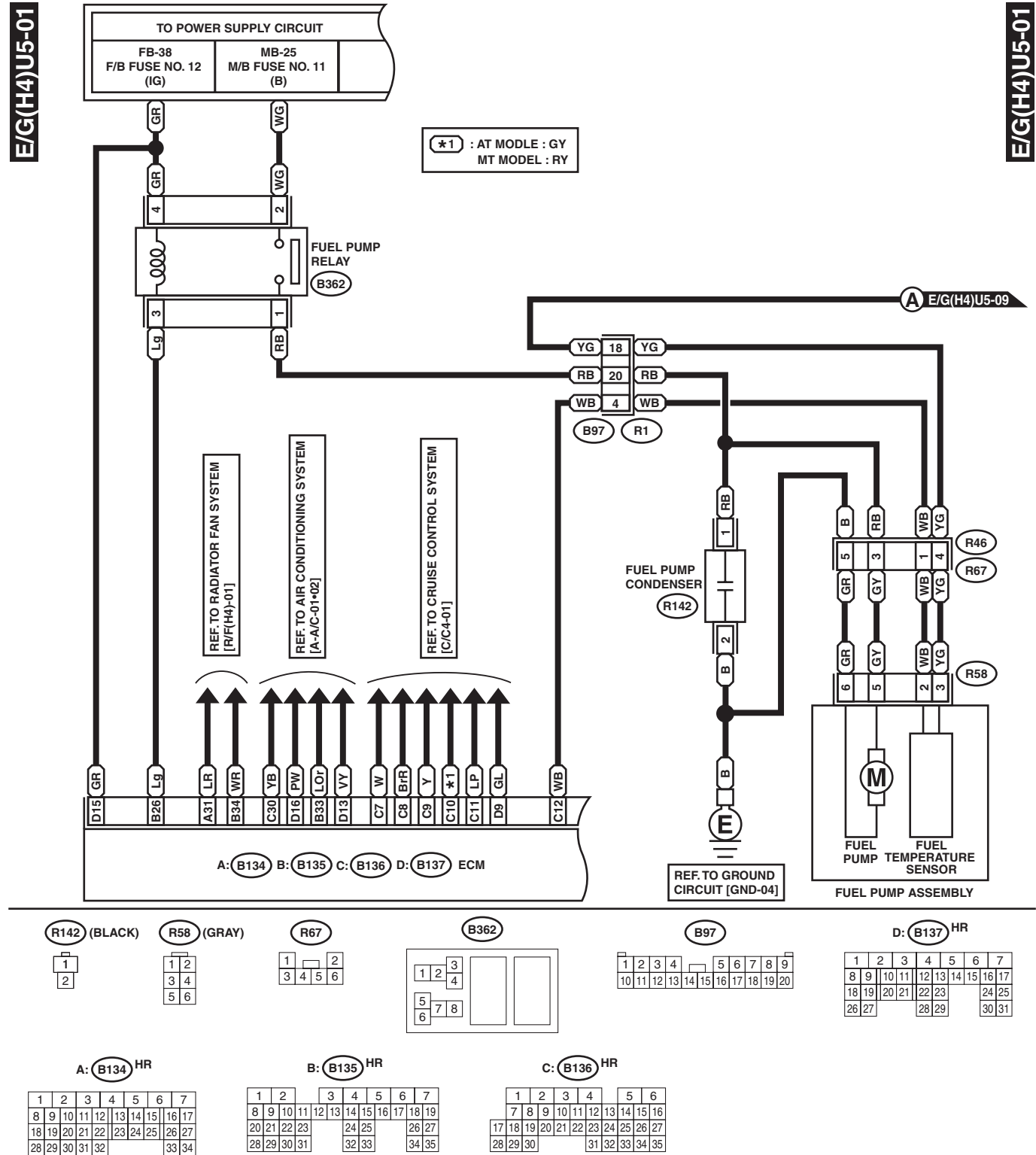
WI-09681



WI-05327

Engine Electrical System

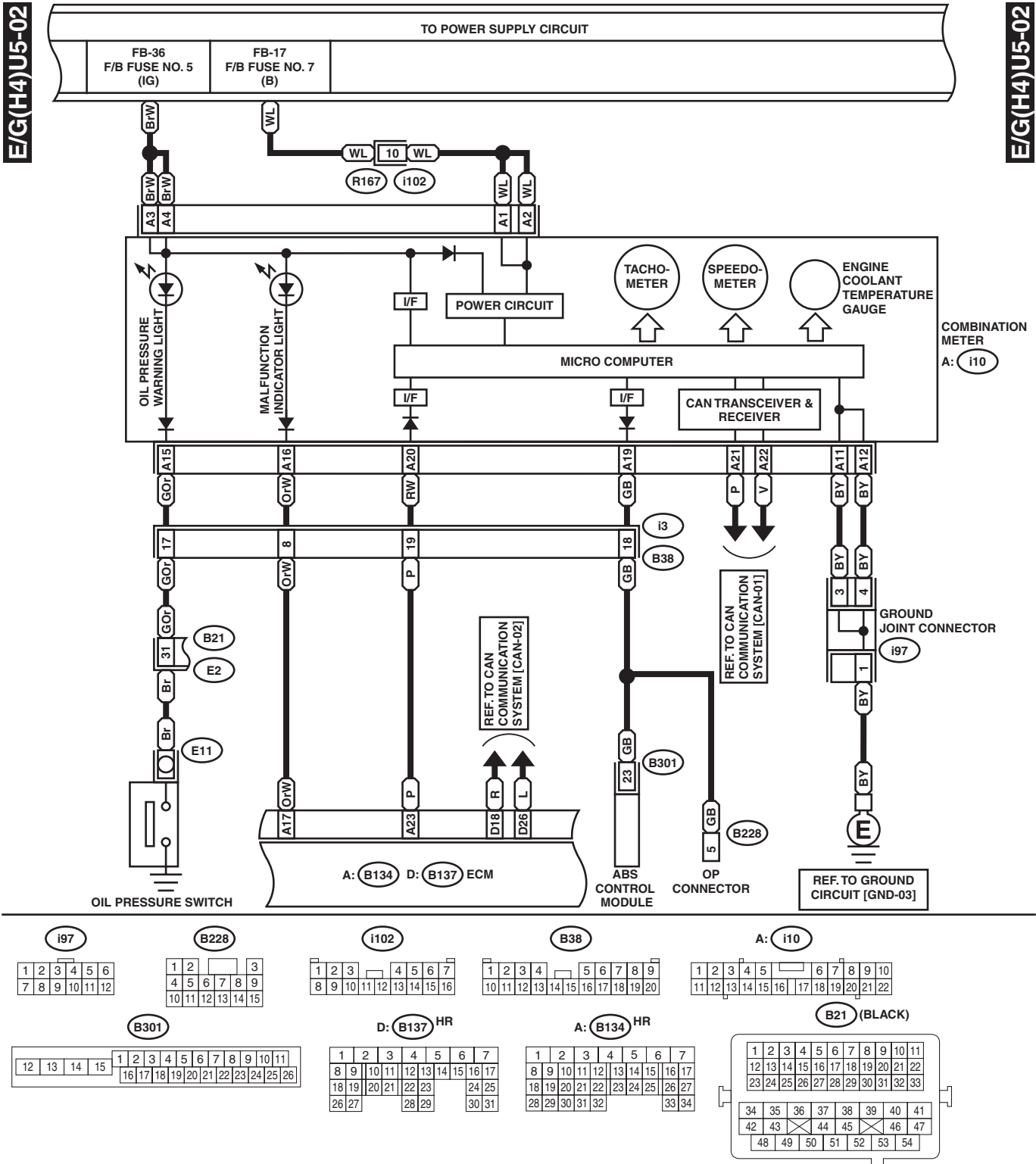
WIRING SYSTEM



WI-05328

E/G(H4)U5-02

E/G(H4)U5-02



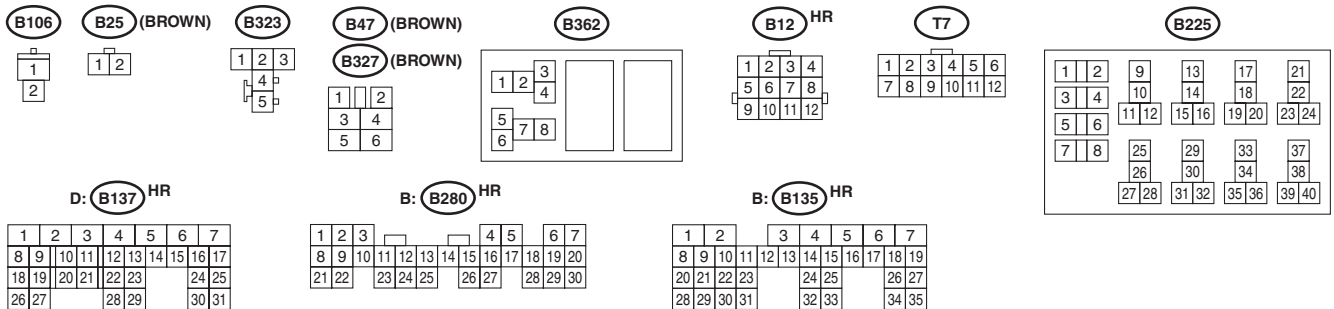
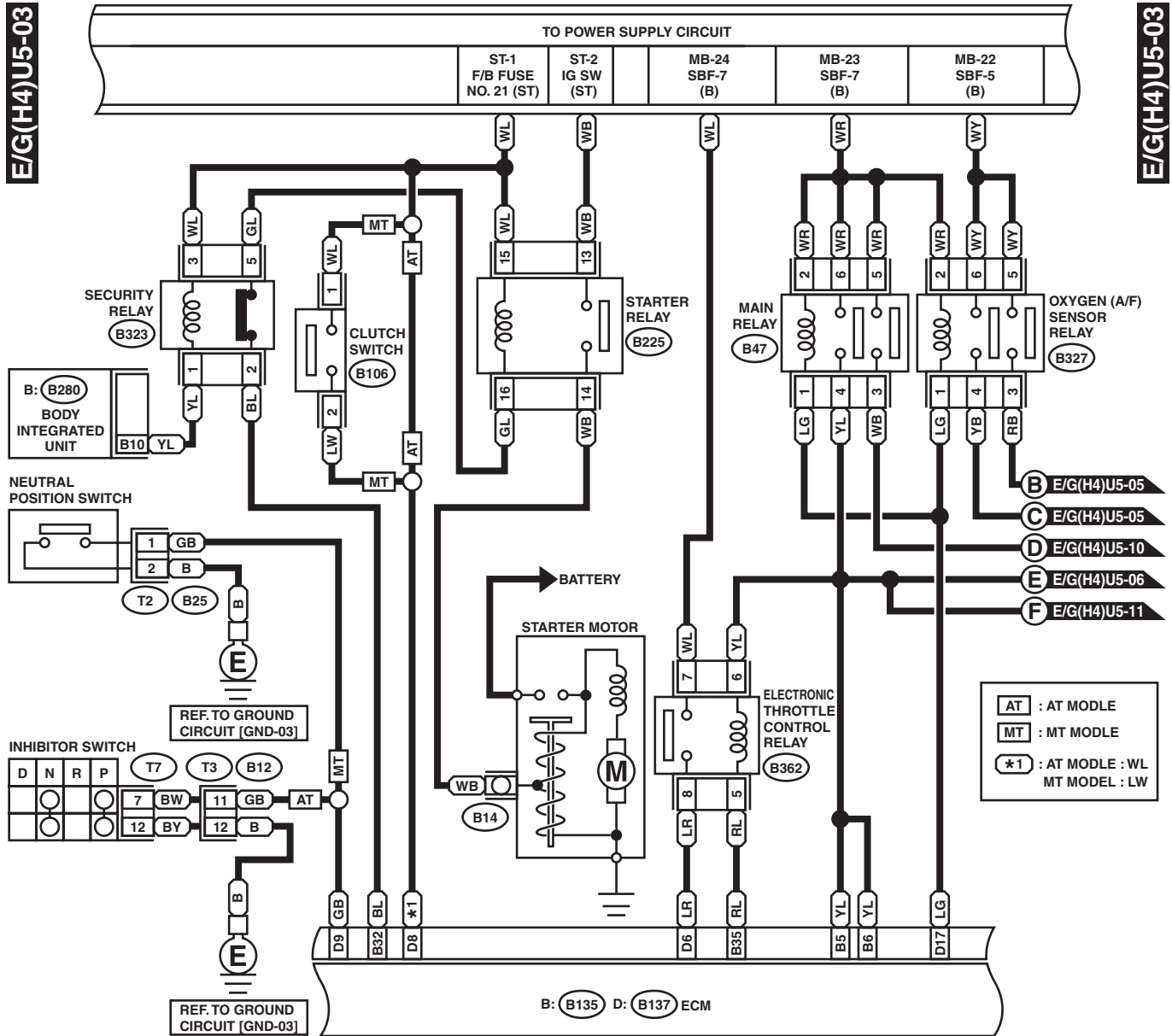
WI-05329

Engine Electrical System

WIRING SYSTEM

E/G(H4)U5-03

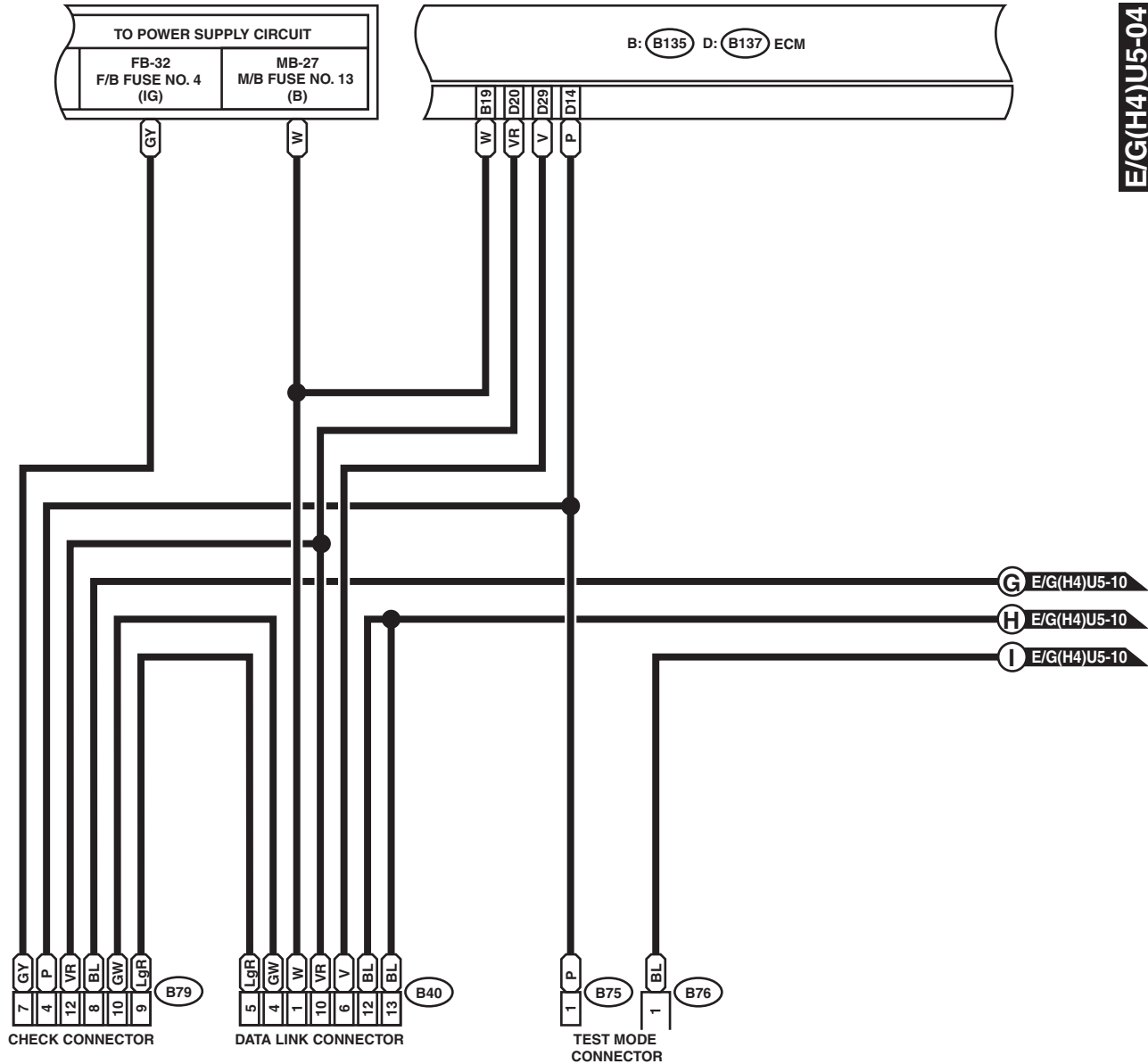
E/G(H4)U5-03



WI-16189

E/G(H4)U5-04

E/G(H4)U5-04



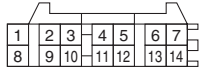
B75 (GREEN)



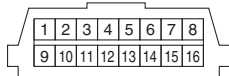
B76 (GREEN)



B79 (GRAY)



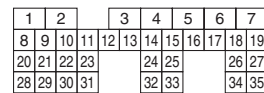
B40



D: (B137) HR

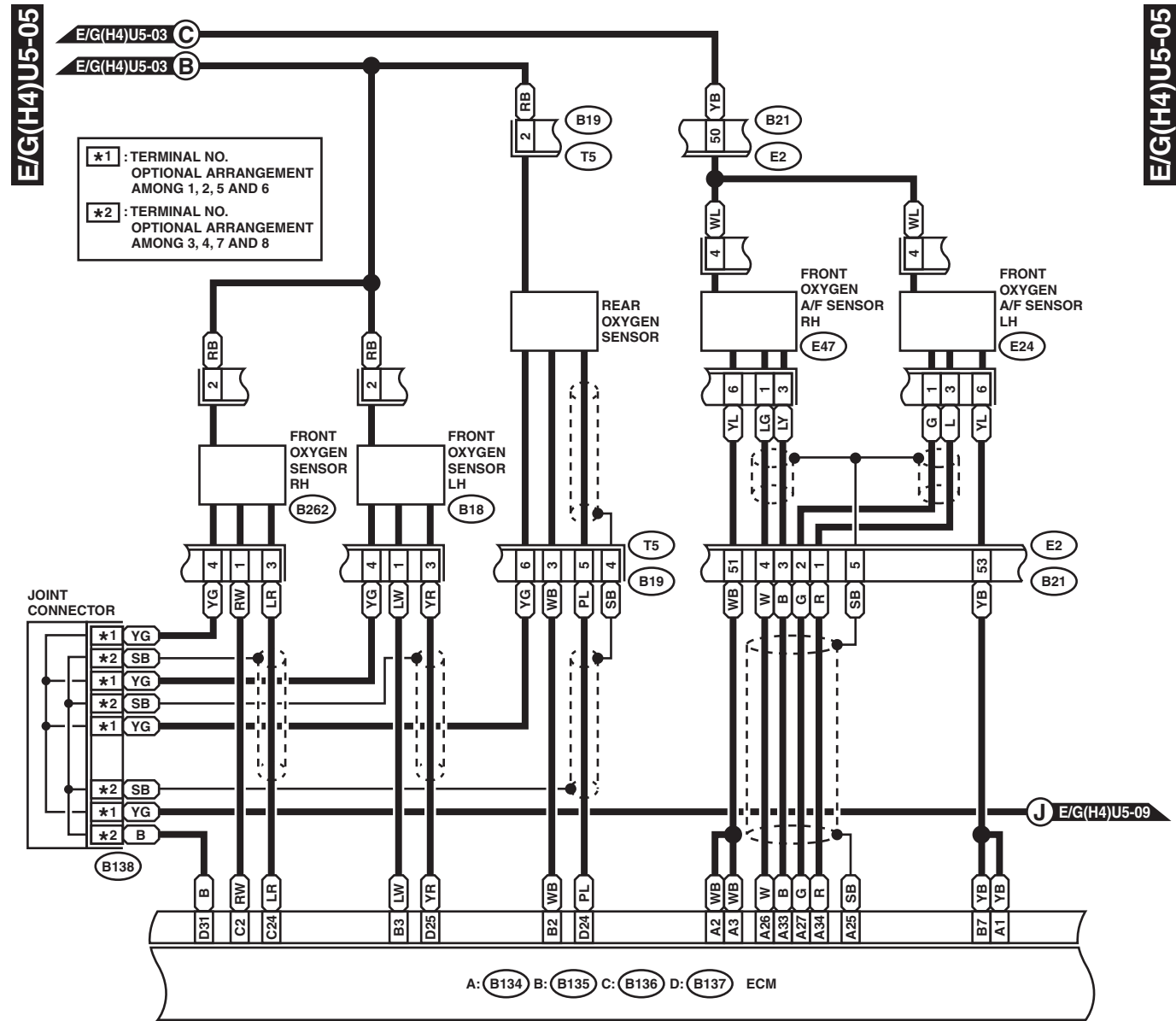


B: (B135) HR



Engine Electrical System

WIRING SYSTEM



B18 HR

B262 HR

1	2
3	4

B19

E24 (GRAY)

E47

1	2	3
4	5	6

B138

1	2	3	4
5	6	7	8

D: B137 HR

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

A: B134 HR

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

B21 (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

C: B136 HR

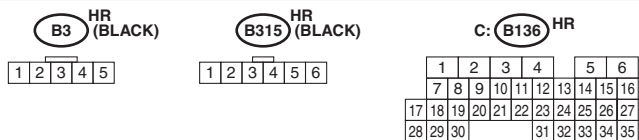
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

B: B135 HR

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

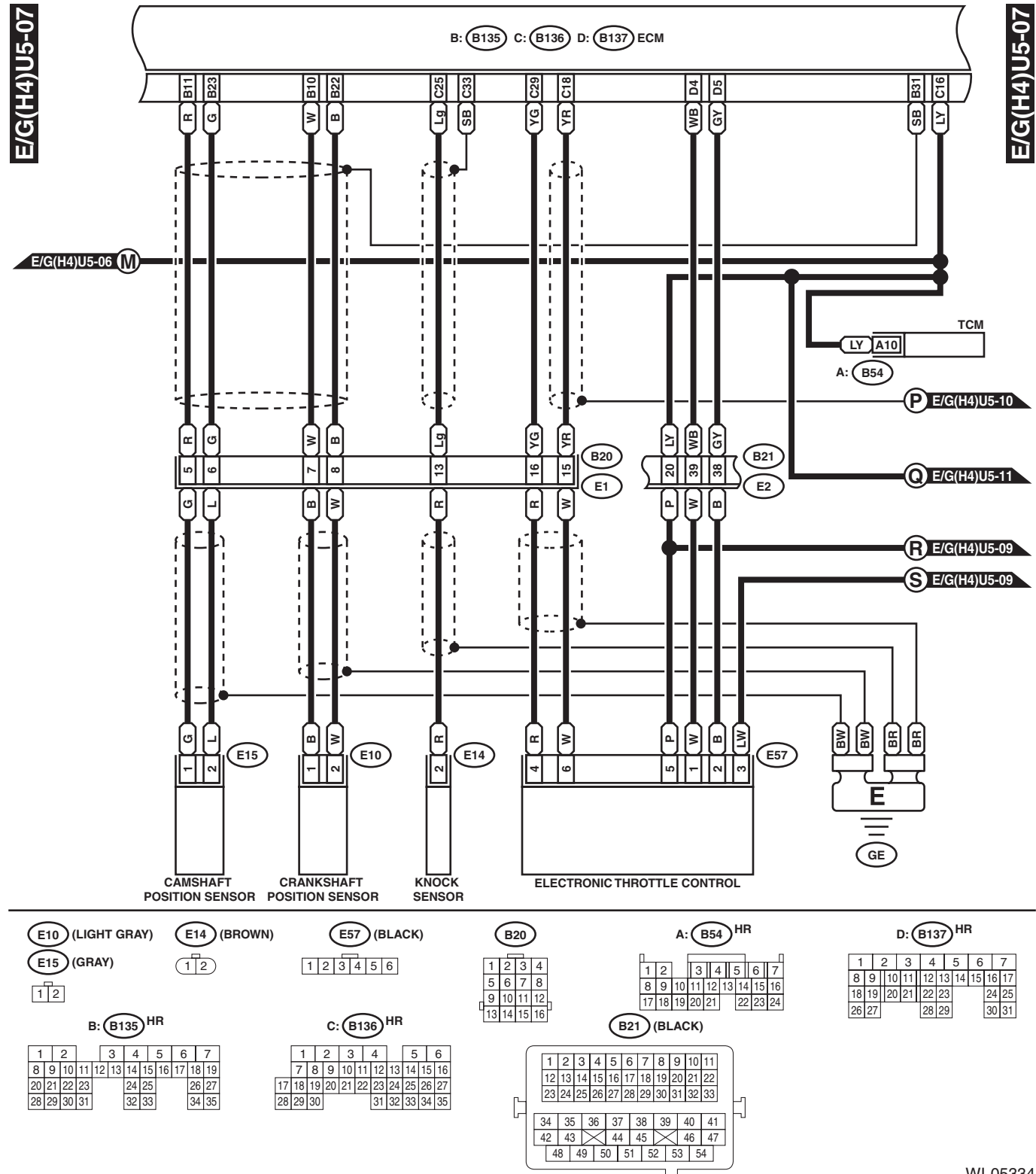
WI-07864

WIRING SYSTEM

**WI-53**

Engine Electrical System

WIRING SYSTEM



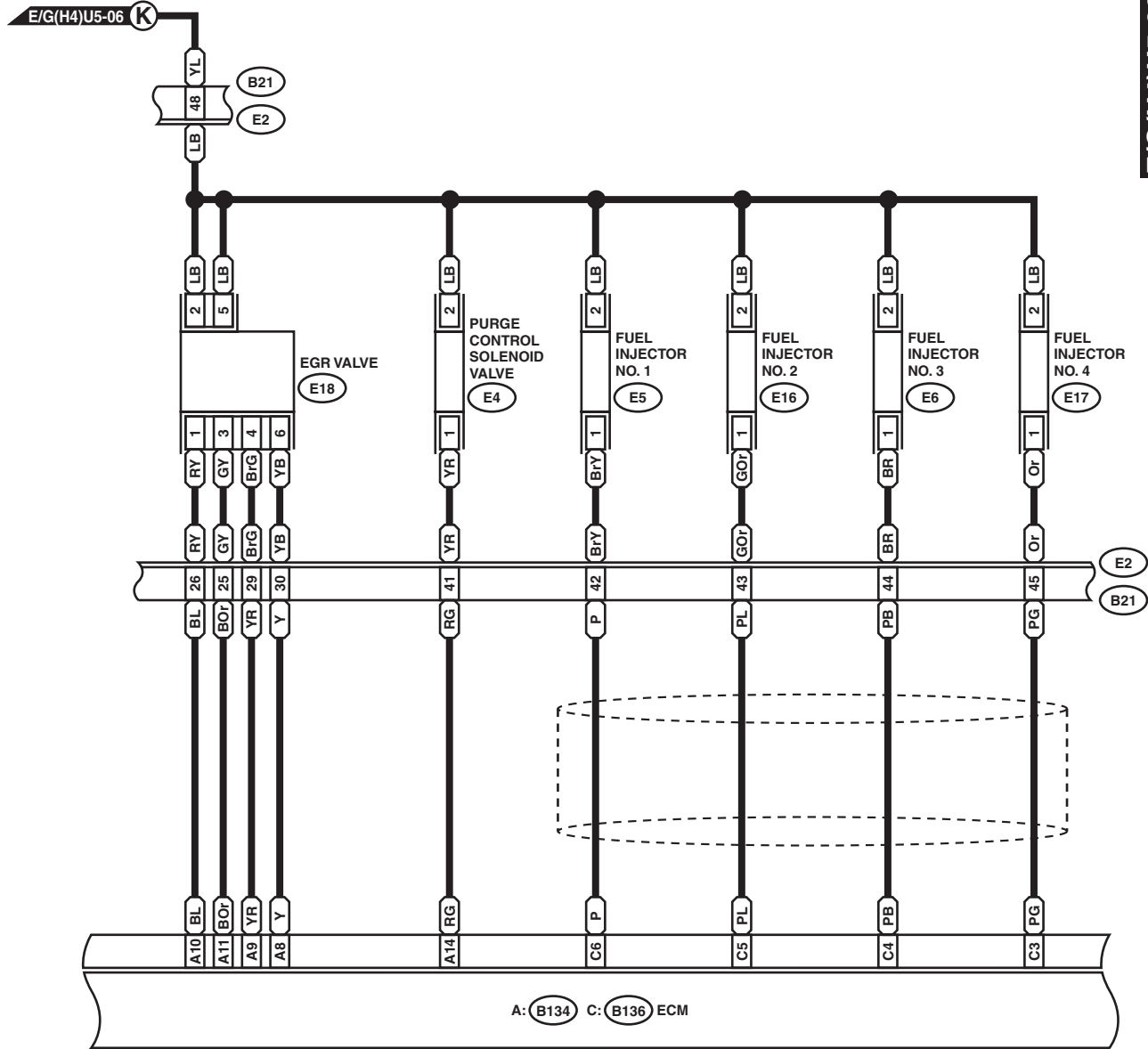
WI-05334

Engine Electrical System

WIRING SYSTEM

E/G(H4)U5-08

E/G(H4)U5-08



E4 (BLACK)

(LIGHT GRAY)

E5

E16 (LIGHT GRAY)

E18 (DARK GRAY)

A: B134 HR

B21 (BLACK)

1 2

(LIGHT GRAY)

E6

E17 (LIGHT GRAY)

1 2 3

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	

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	

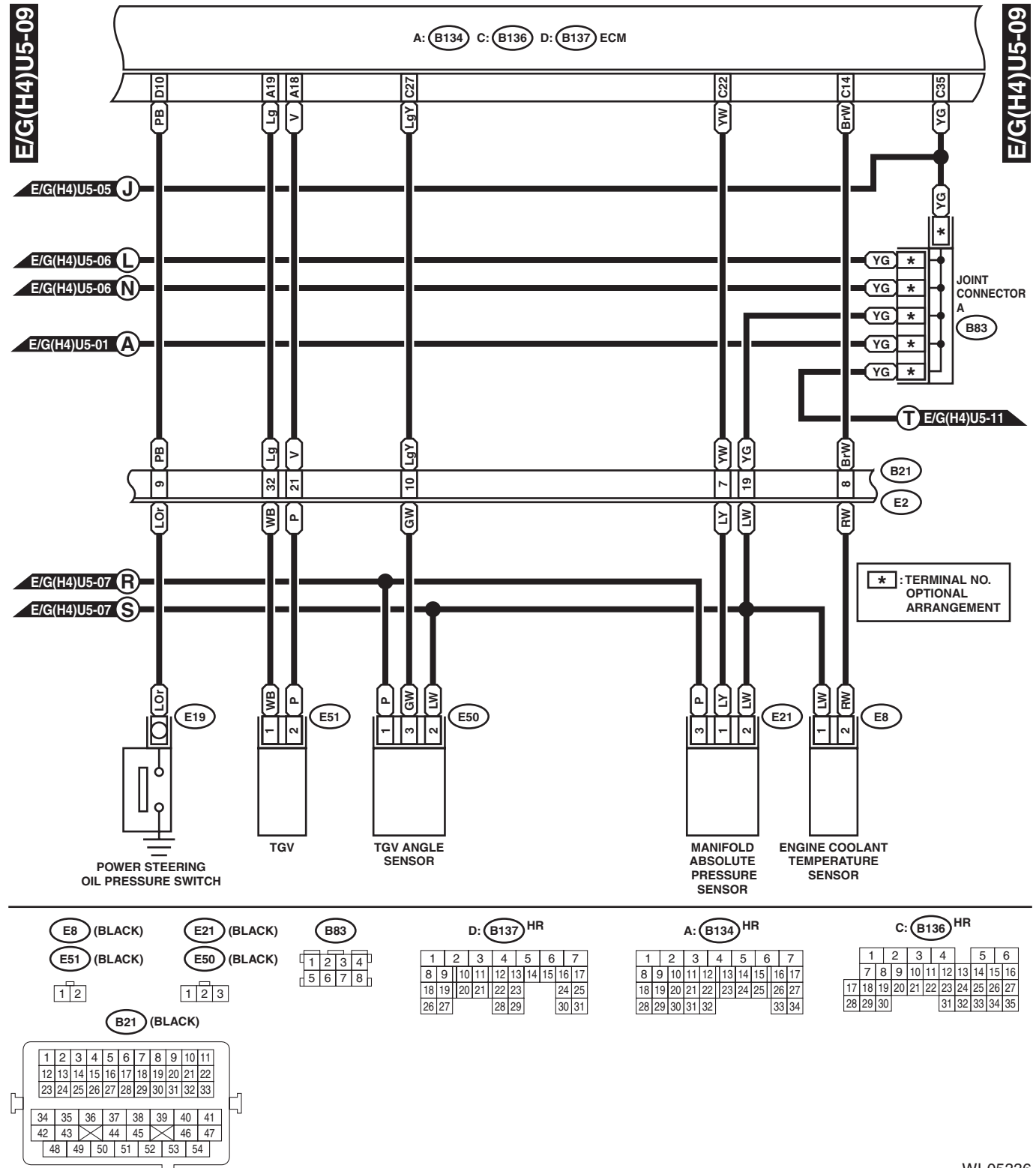
C: B136 HR

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	

WI-05335

Engine Electrical System

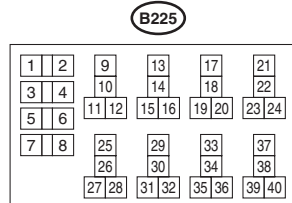
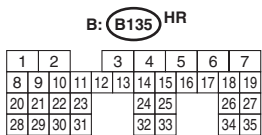
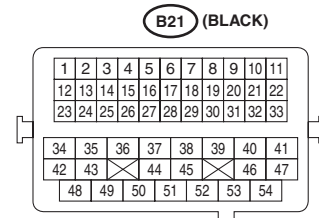
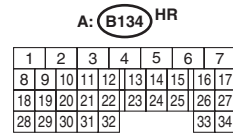
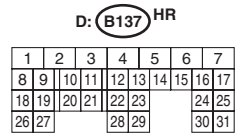
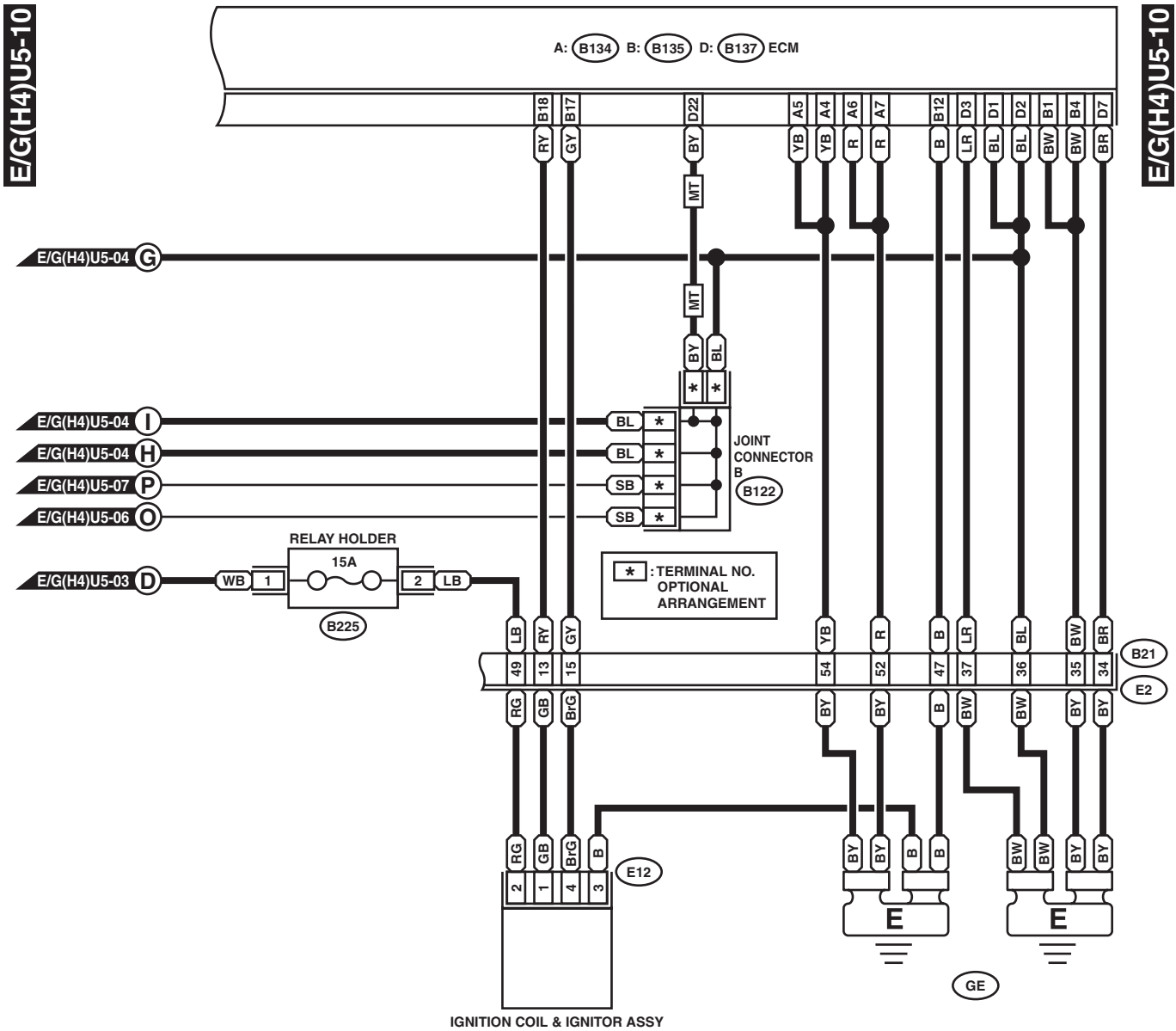
WIRING SYSTEM



WI-05336

Engine Electrical System

WIRING SYSTEM



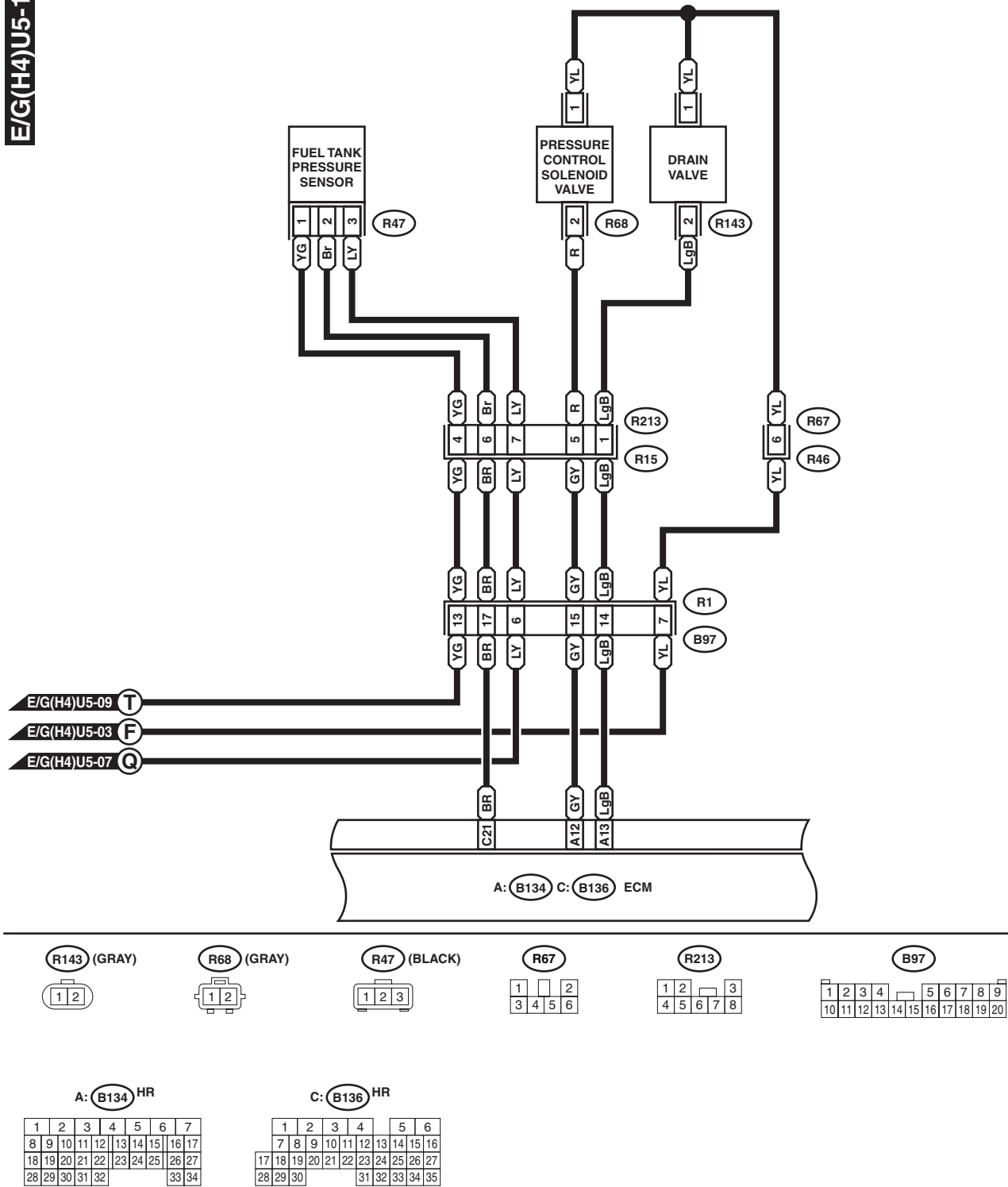
WI-05337

Engine Electrical System

WIRING SYSTEM

E/G(H4)U5-11

E/G(H4)U5-11

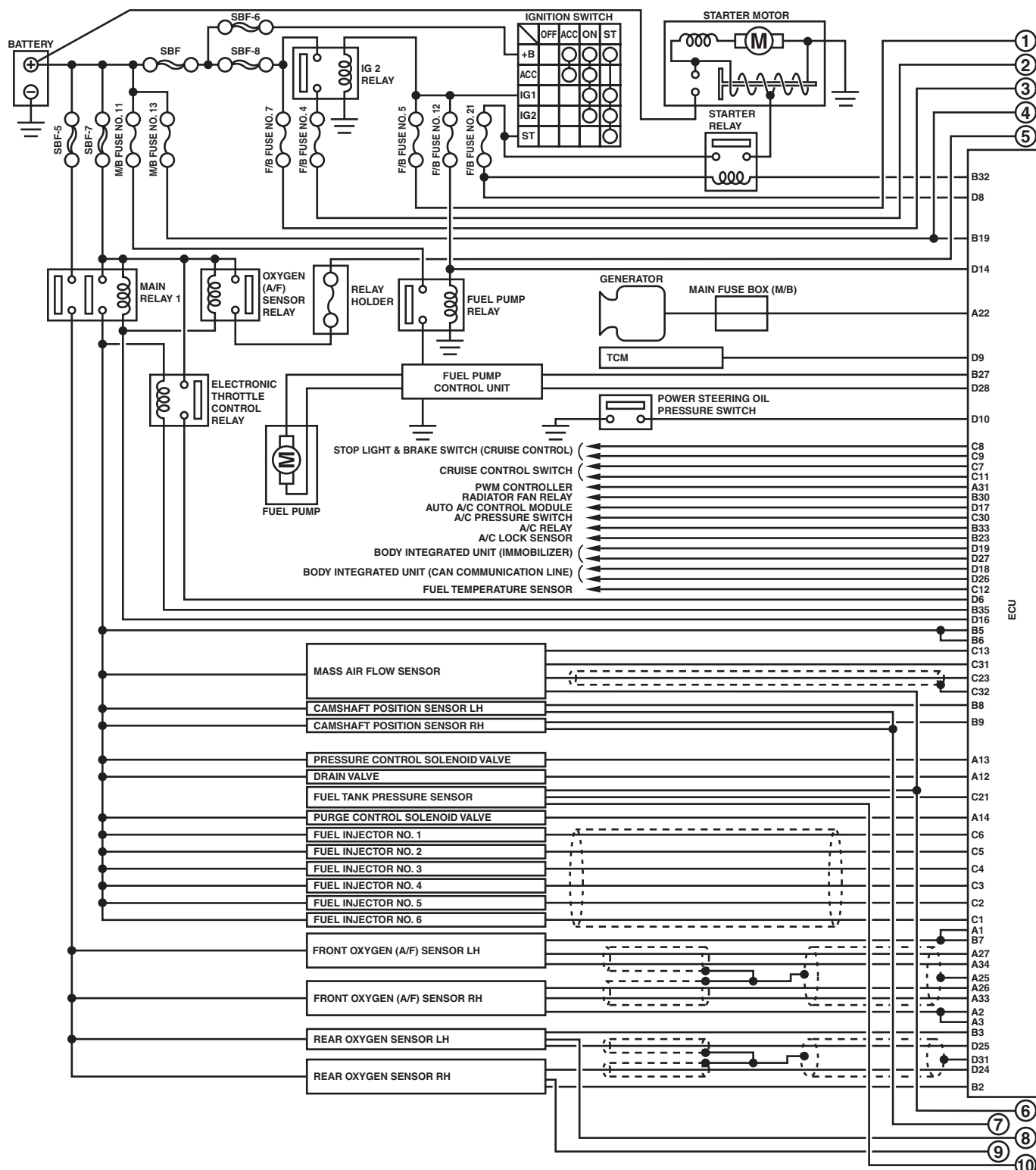


WI-09682

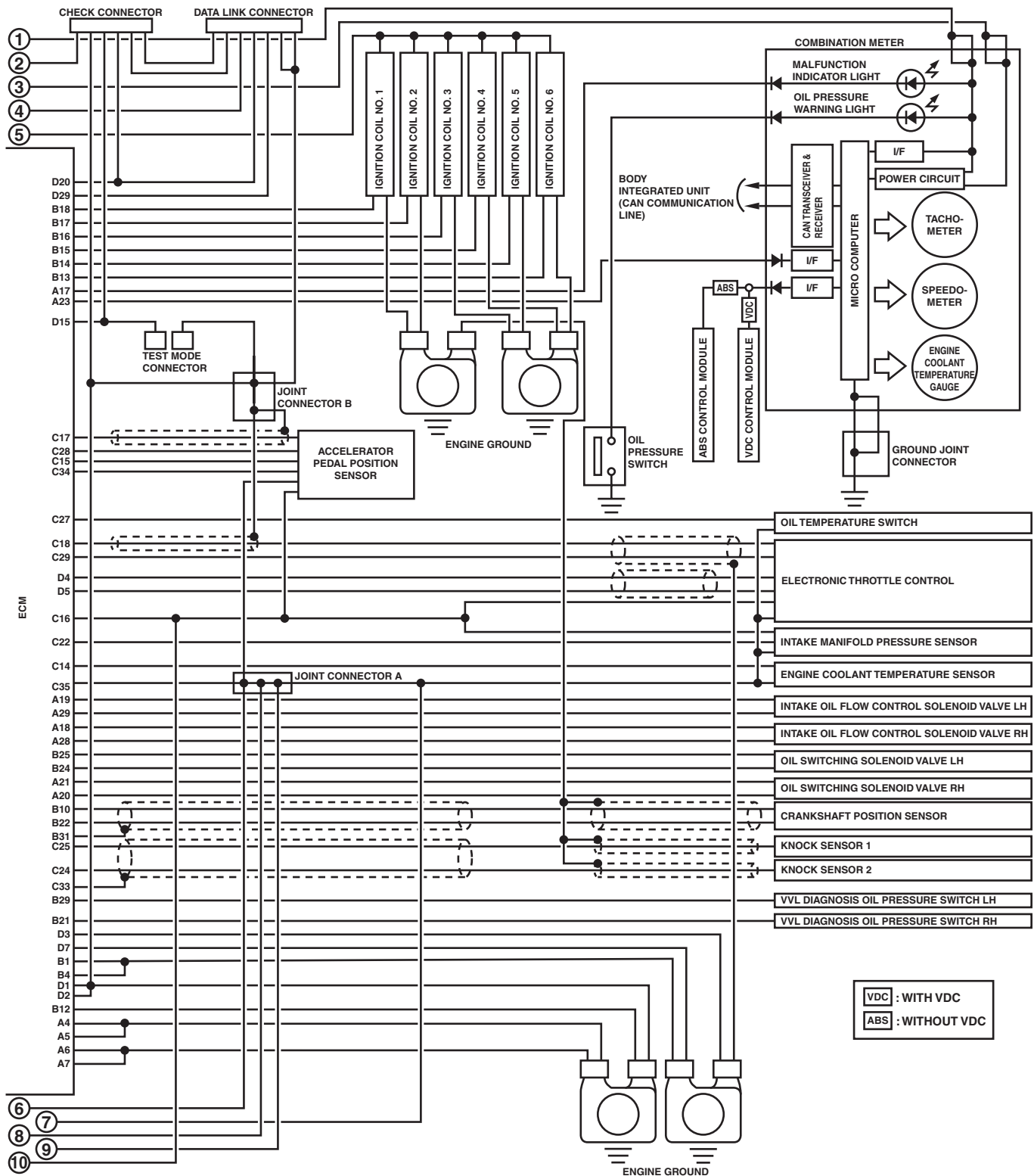
Engine Electrical System

WIRING SYSTEM

3. 3.0 L MODEL



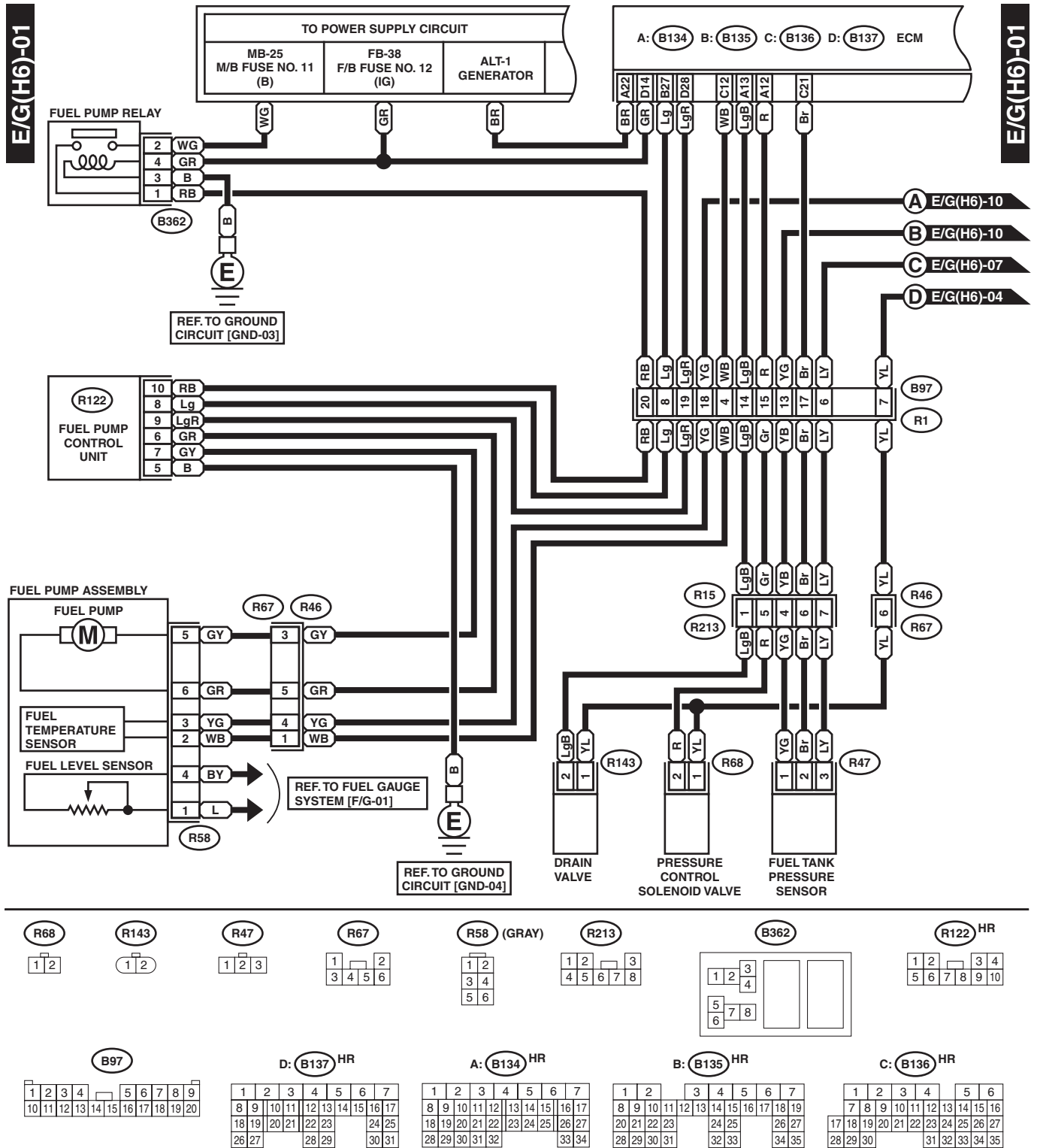
WI-09859



WI-05340

Engine Electrical System

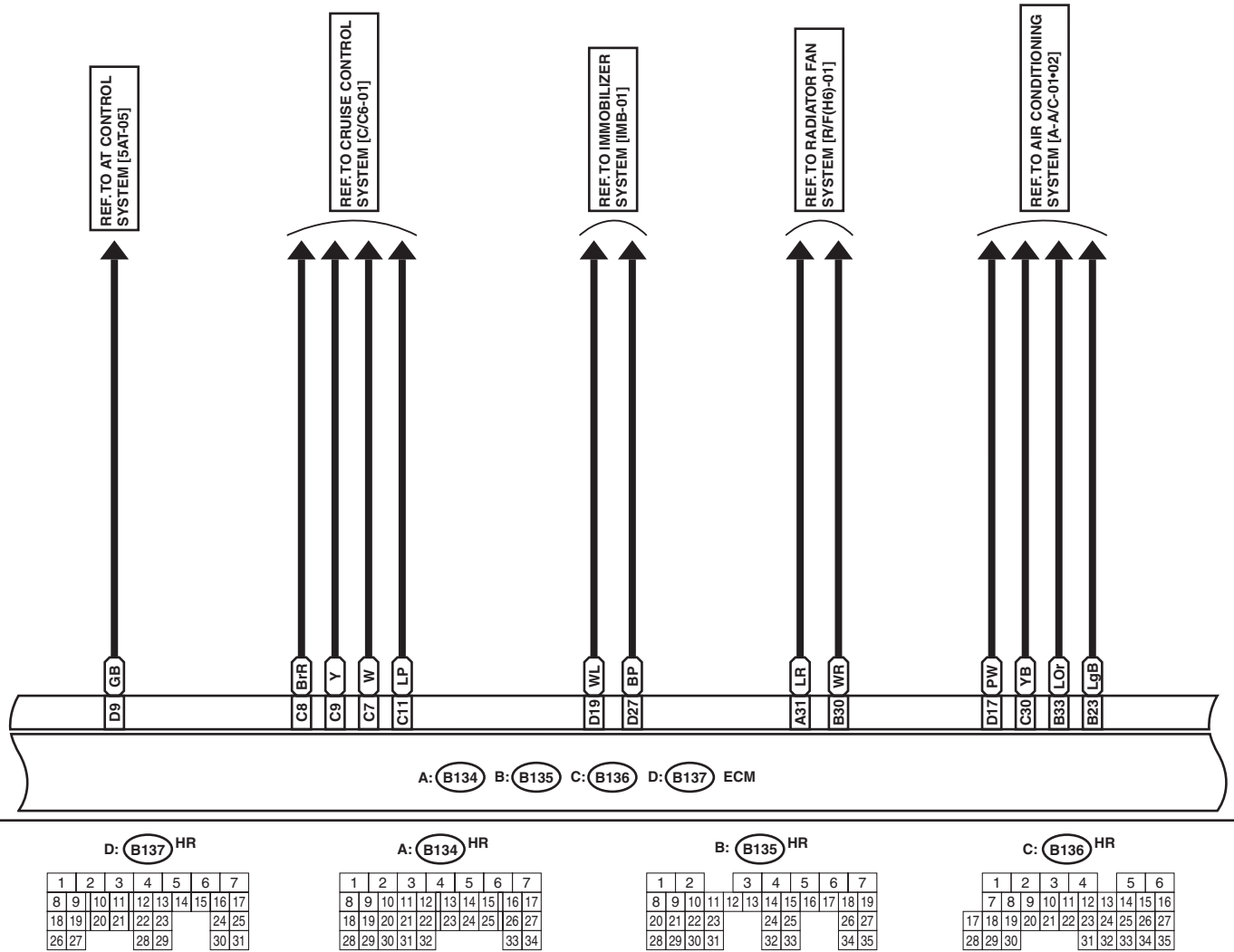
WIRING SYSTEM



WI-09683

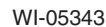
E/G(H6)-02

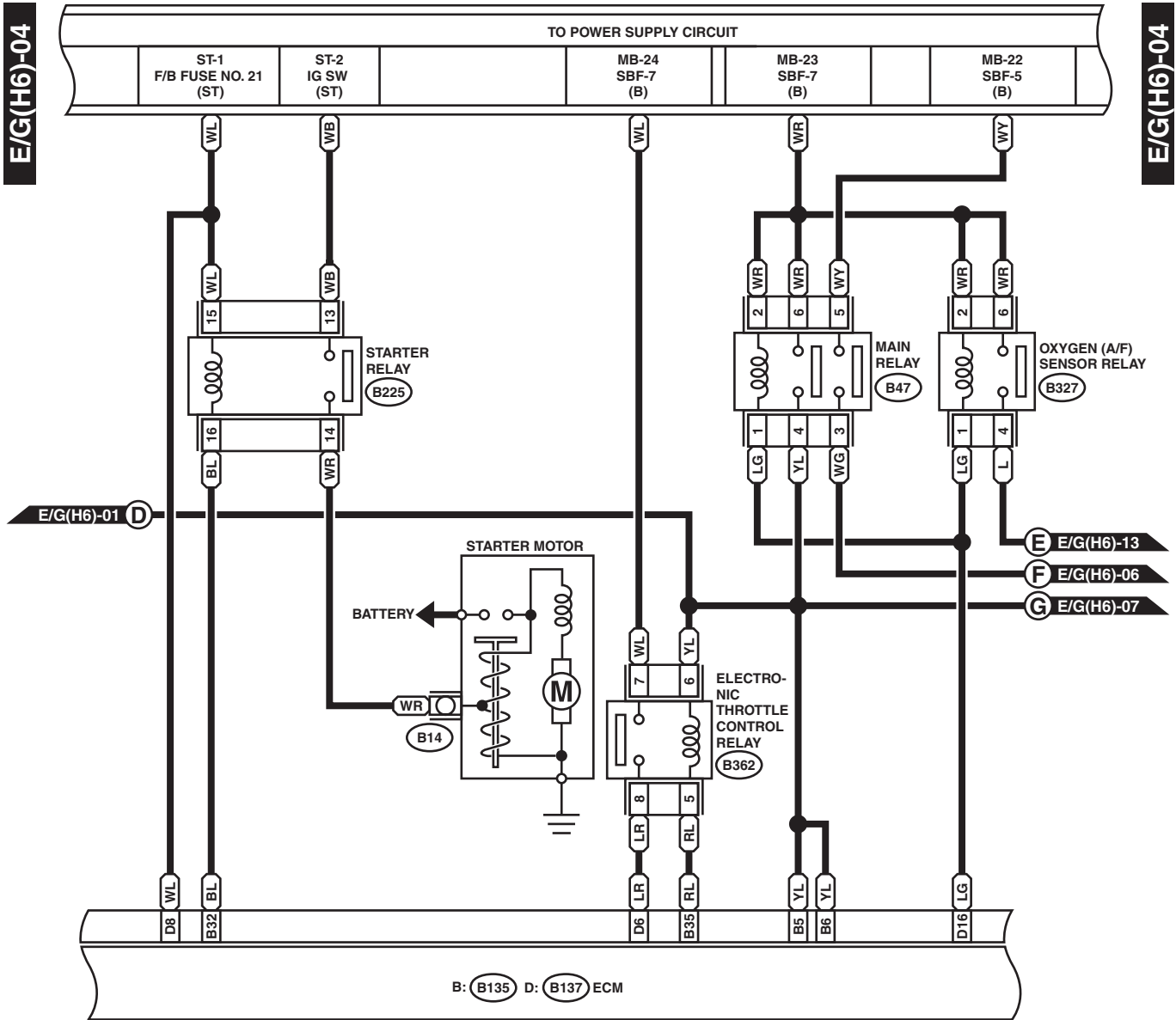
E/G(H6)-02



WI-05342

WIRING SYSTEM





B47 (BROWN)

B327 (BROWN)

1	2
3	4
5	6

B362

1	2	3
4	5	6
7	8	9

D: B137 HR

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

B: B135 HR

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

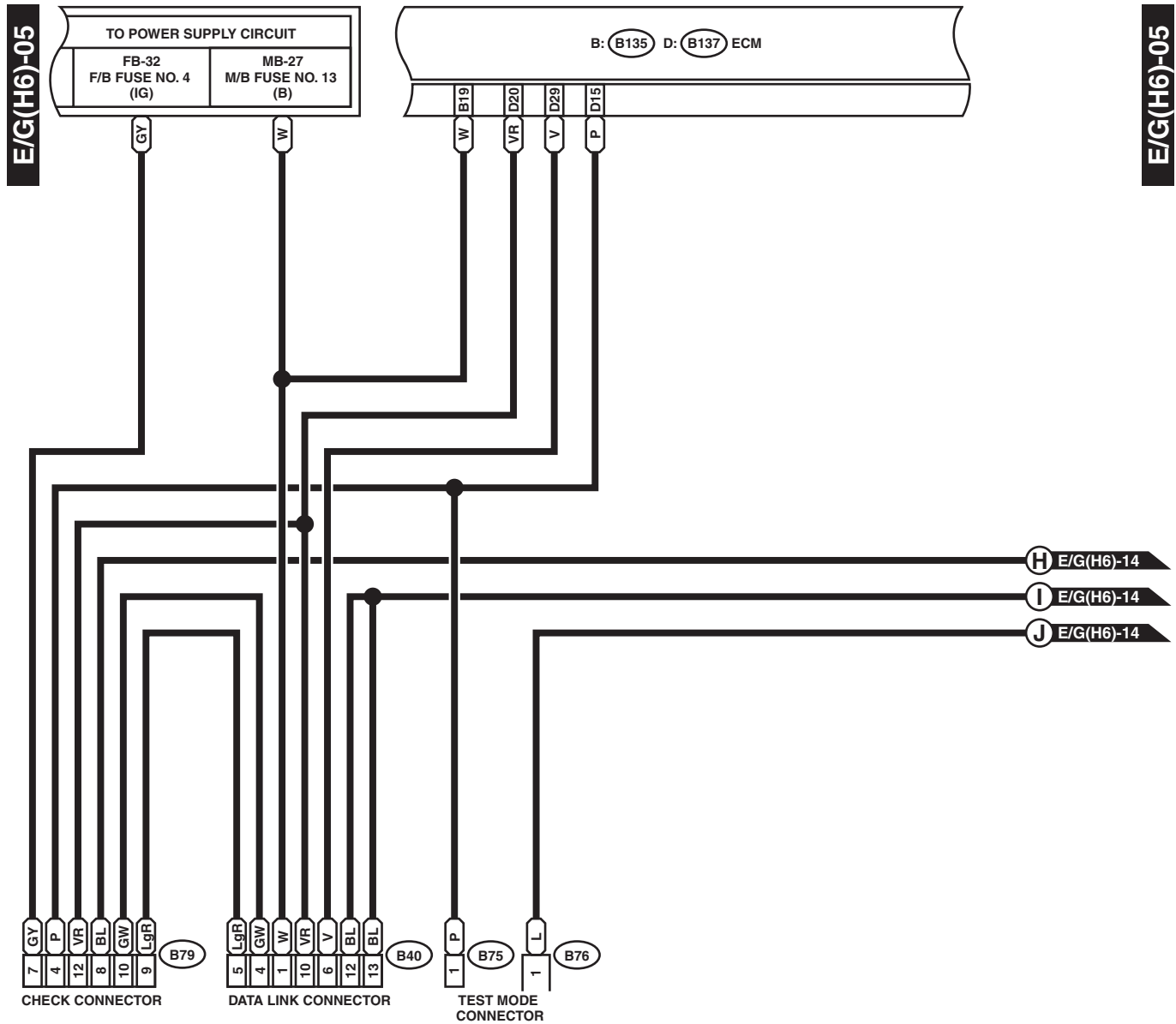
B225

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

WI-05344

Engine Electrical System

WIRING SYSTEM



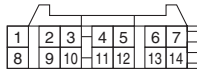
B75 (GREEN)



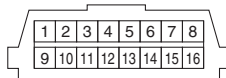
B76 (GREEN)



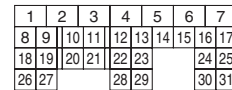
B79 (GRAY)



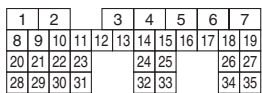
B40



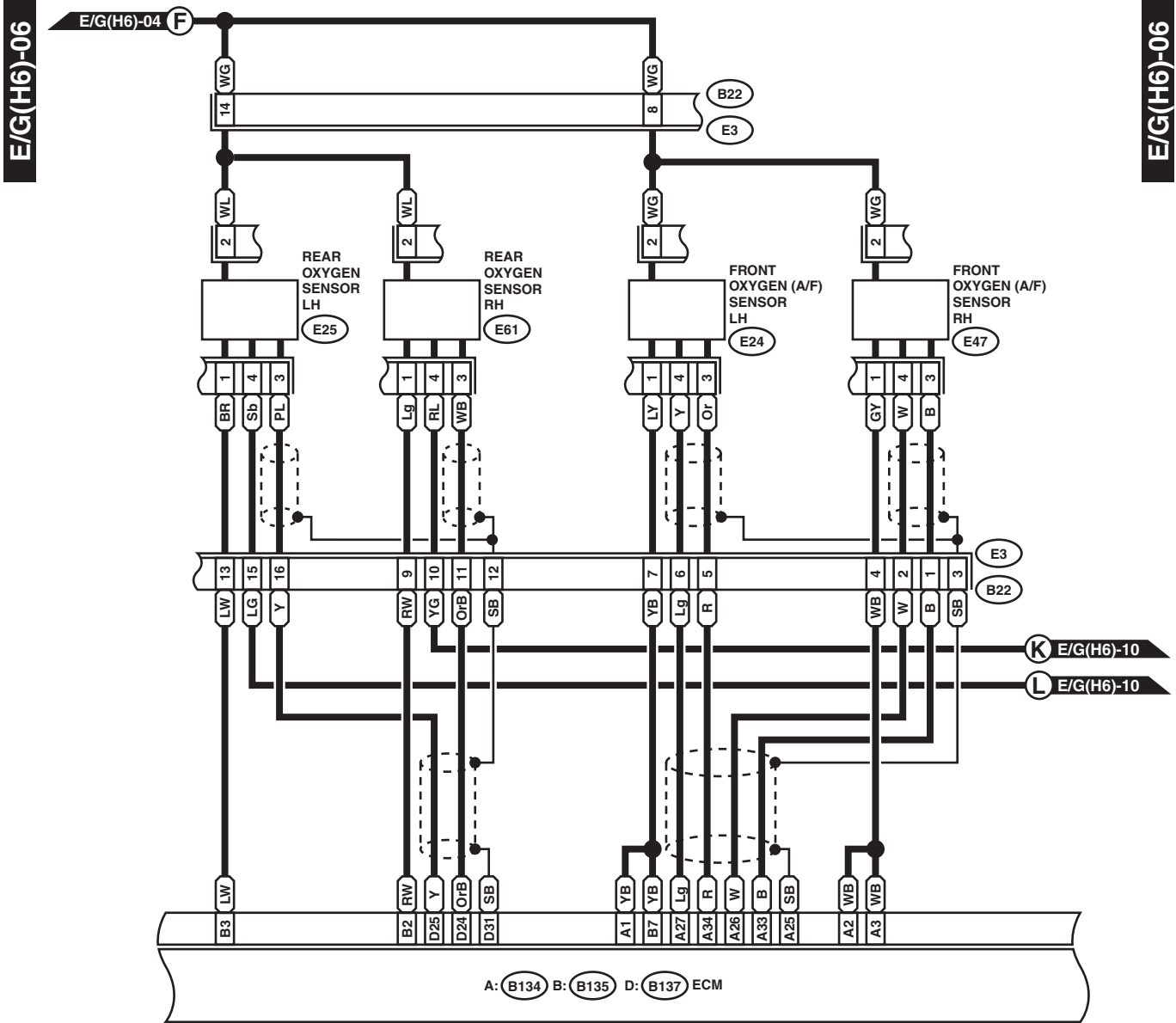
D: B137 HR



B: B135 HR



WI-05345



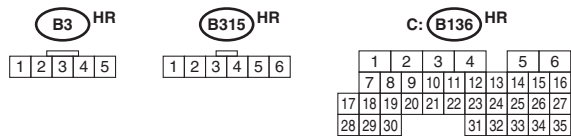
E24 (LIGHT GRAY)	B22
E25 (DARK GRAY)	1 2 3 4
E47 (LIGHT GRAY)	5 6 7 8
E61 (DARK GRAY)	9 10 11 12
	13 14 15 16
	1 2
	3 4

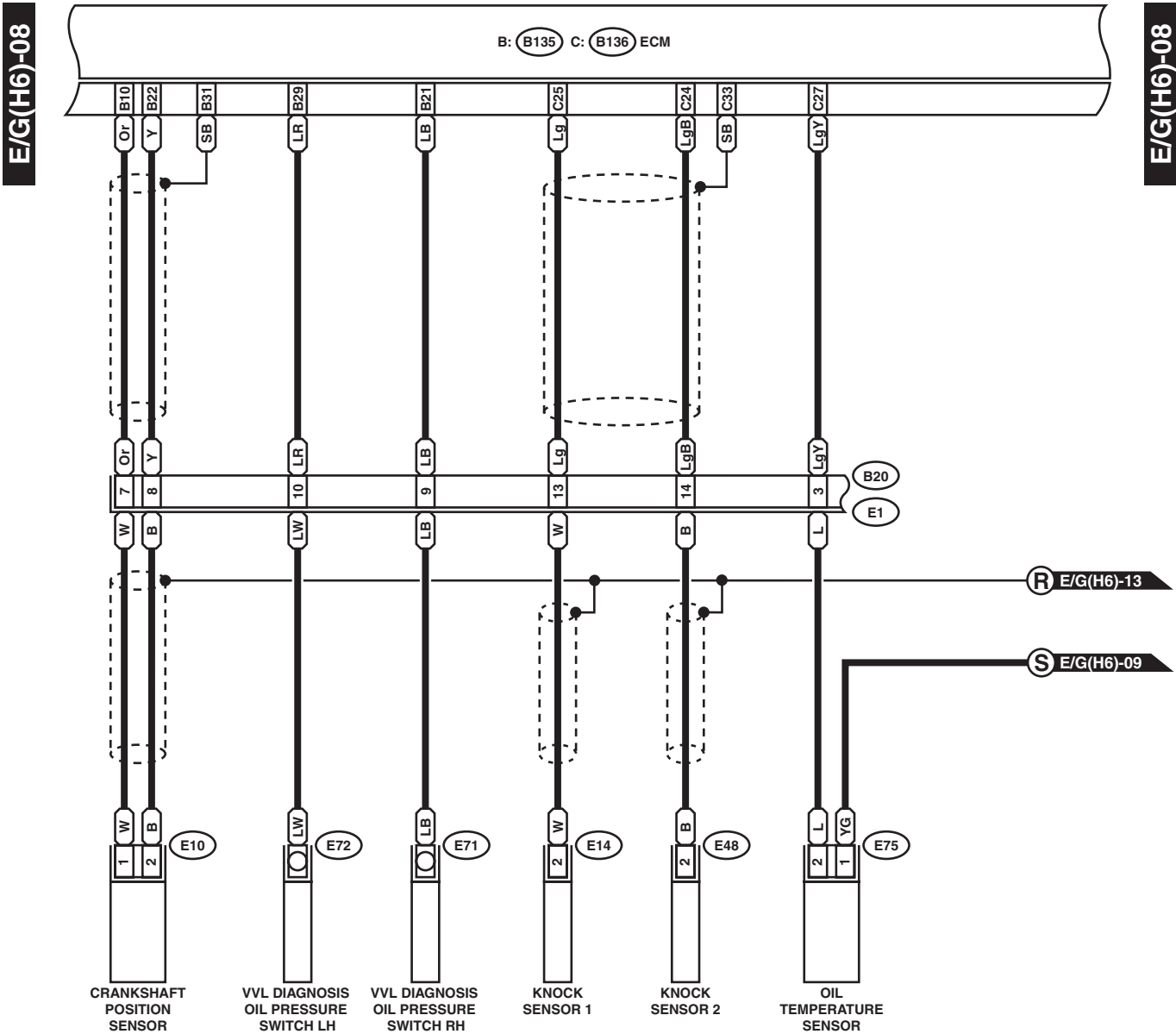
D: B137	HR
1 2 3 4 5 6 7	
8 9 10 11 12 13 14	15 16 17
18 19 20 21 22 23	24 25
26 27	28 29 30 31

A: B134	HR
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

B: B135	HR
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

WIRING SYSTEM

**WI-68**



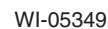
- E10** (LIGHT GRAY)
 - E14** (GREEN)
 - E48** (GREEN)
 - E75** (BLACK)
- | | |
|---|---|
| 1 | 2 |
|---|---|

B20			
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

B: (B135) HR						
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

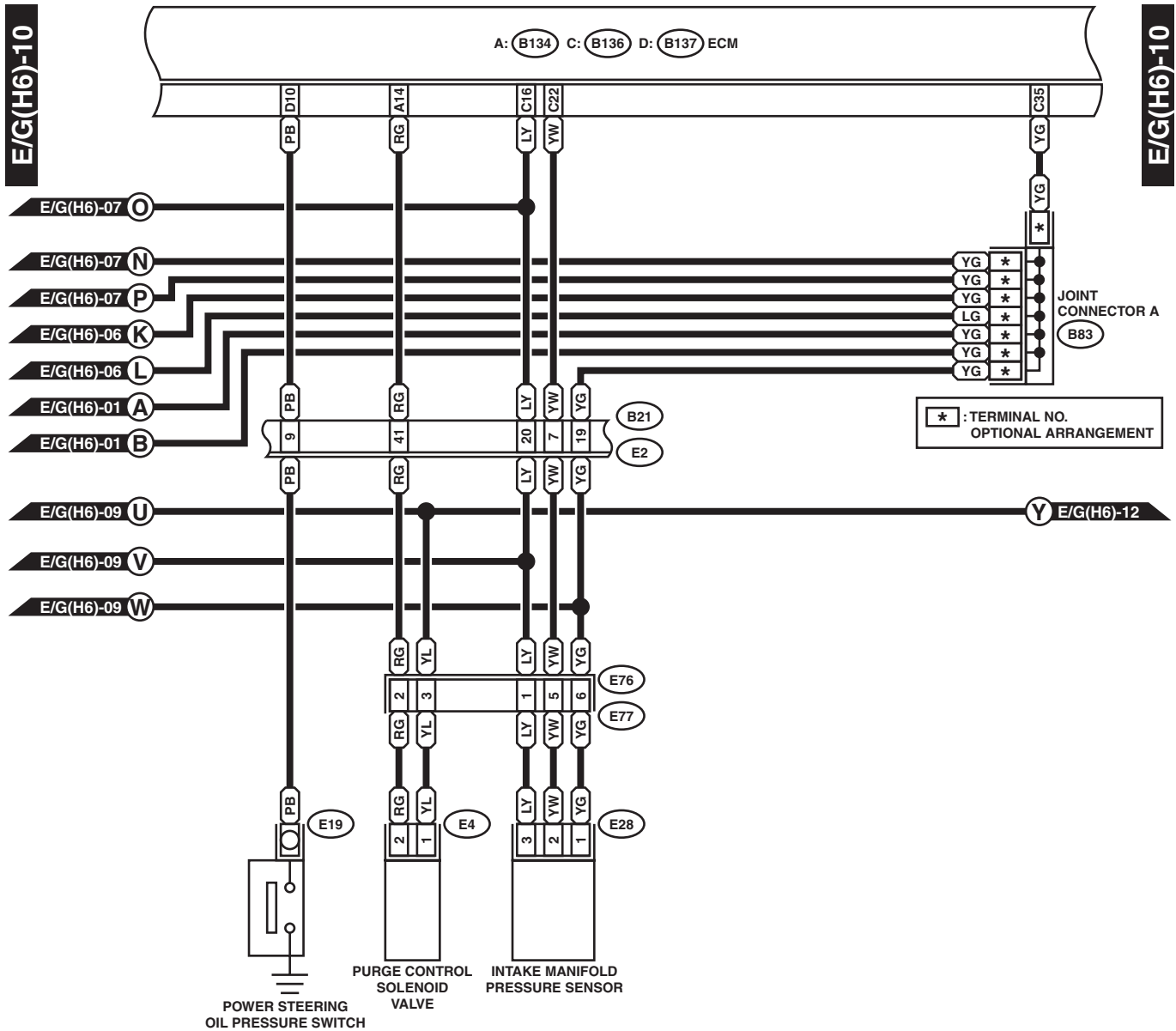
C: (B136) HR					
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	

WIRING SYSTEM



Engine Electrical System

WIRING SYSTEM



E4 (BLUE)

1	2
---	---

E28 (BLACK)

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

E77 (DARK GRAY)

1	2	3
4	5	6

B83

1	2	3	4
5	6	7	8

B21

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				

D: B137 HR

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				

A: B134 HR

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	

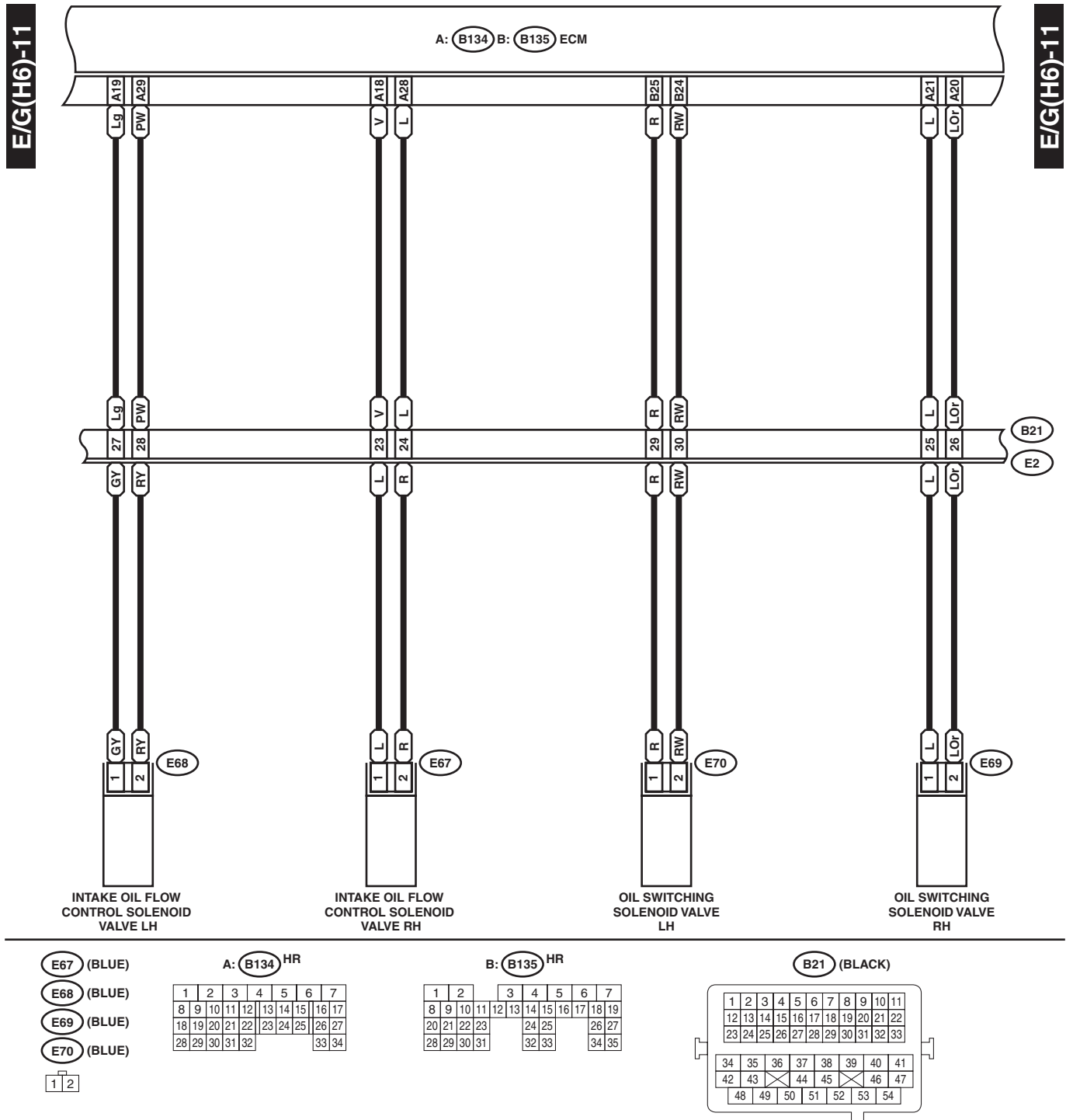
C: B136 HR

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	

WI-05350

Engine Electrical System

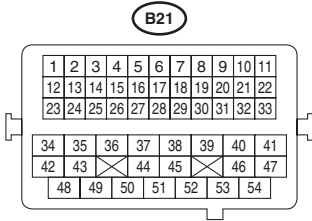
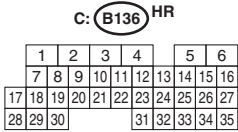
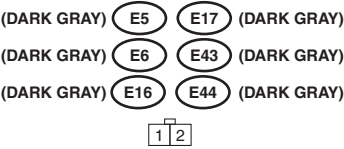
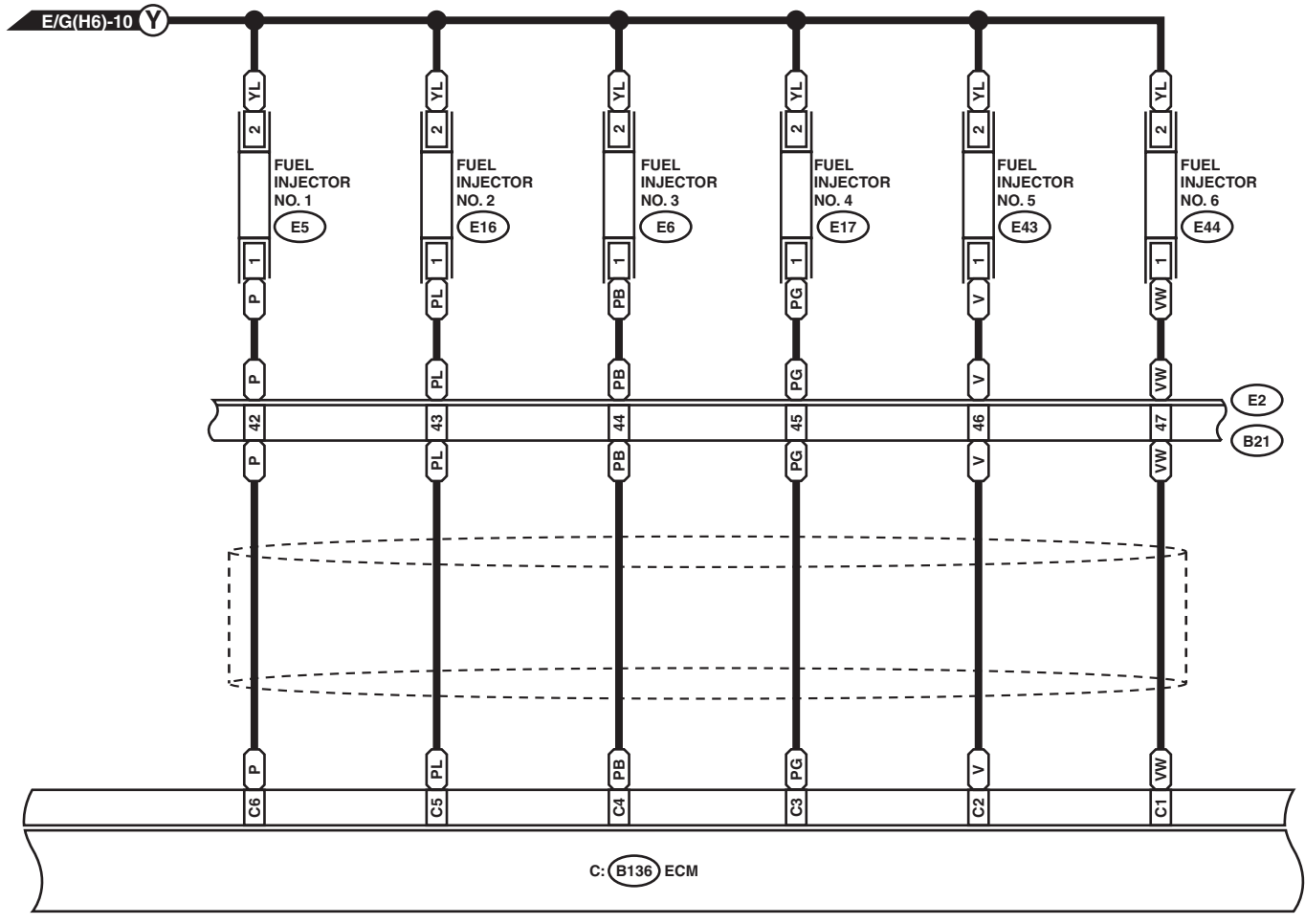
WIRING SYSTEM



WI-05351

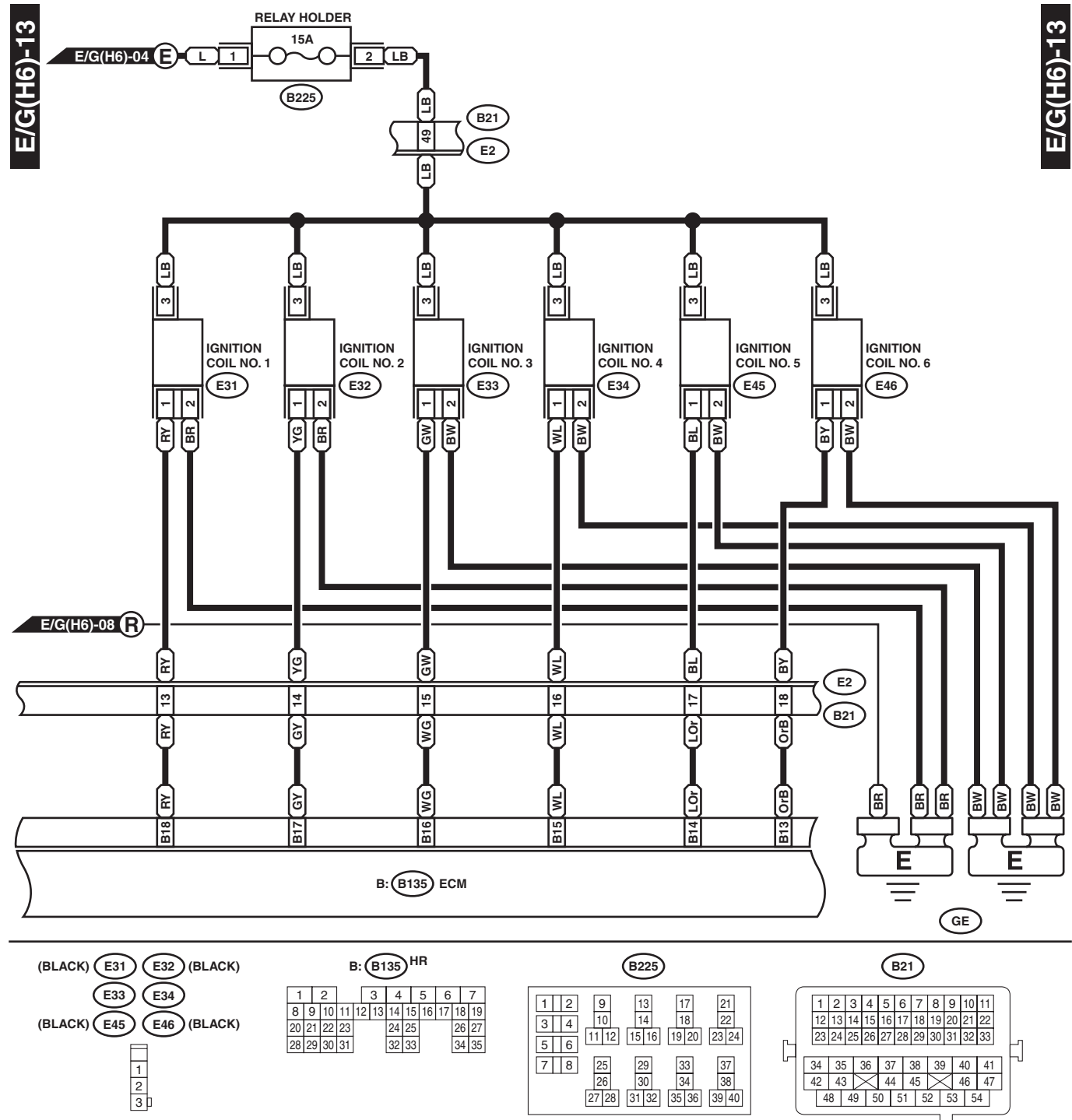
E/G(H6)-12

E/G(H6)-12

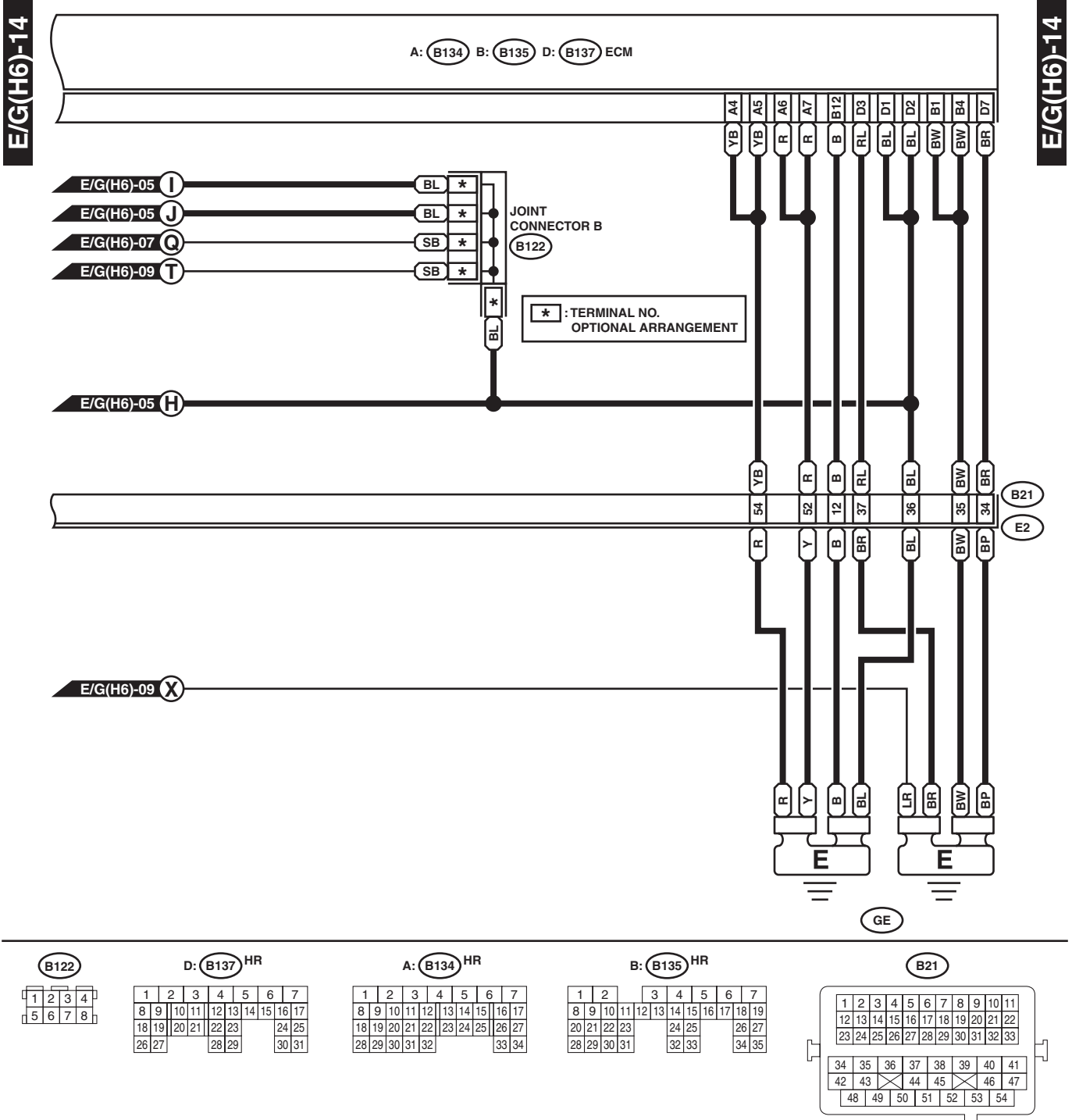


Engine Electrical System

WIRING SYSTEM



WI-05353

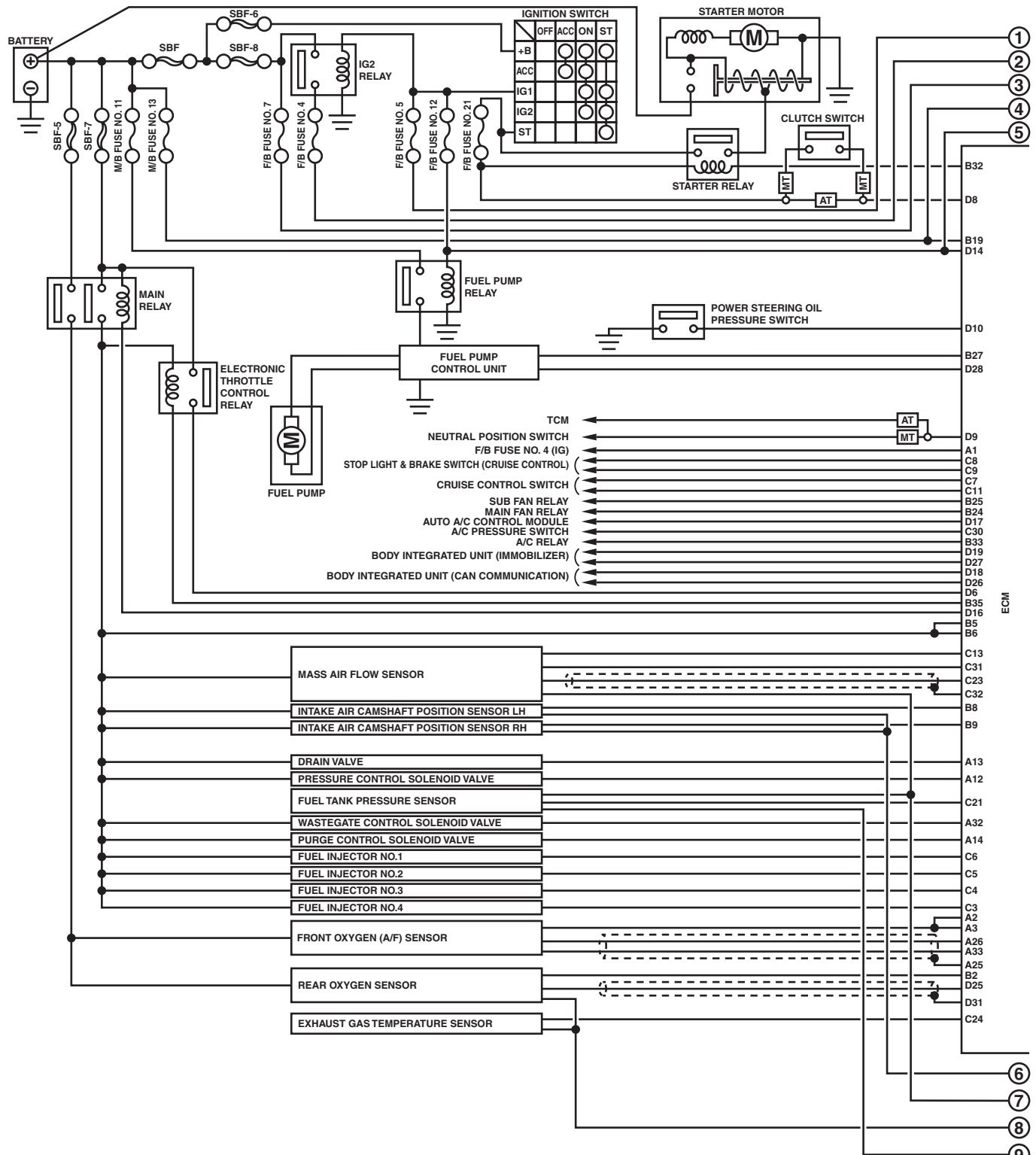


WI-05354

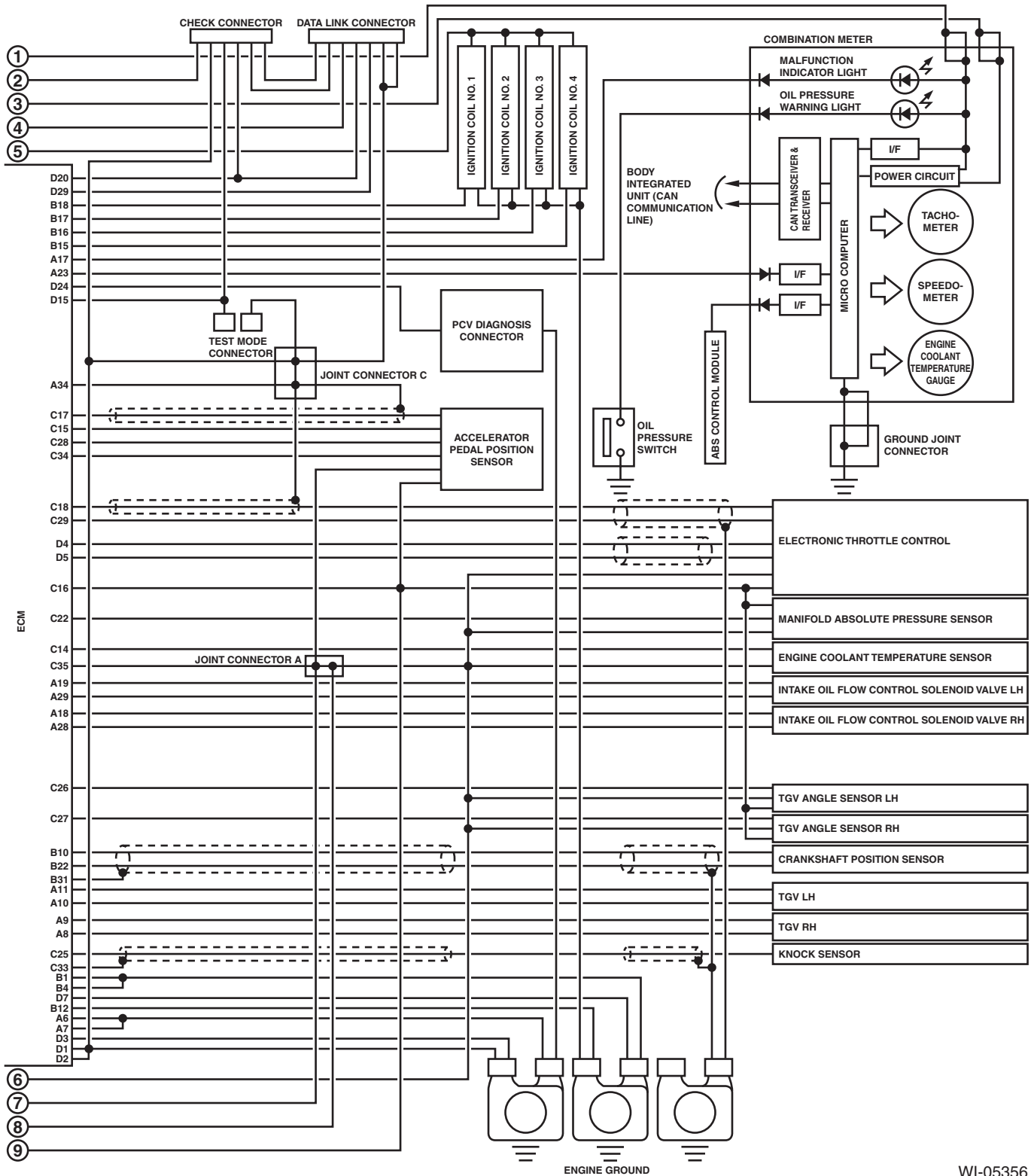
Engine Electrical System

WIRING SYSTEM

4. 2.5 L TURBO MODEL



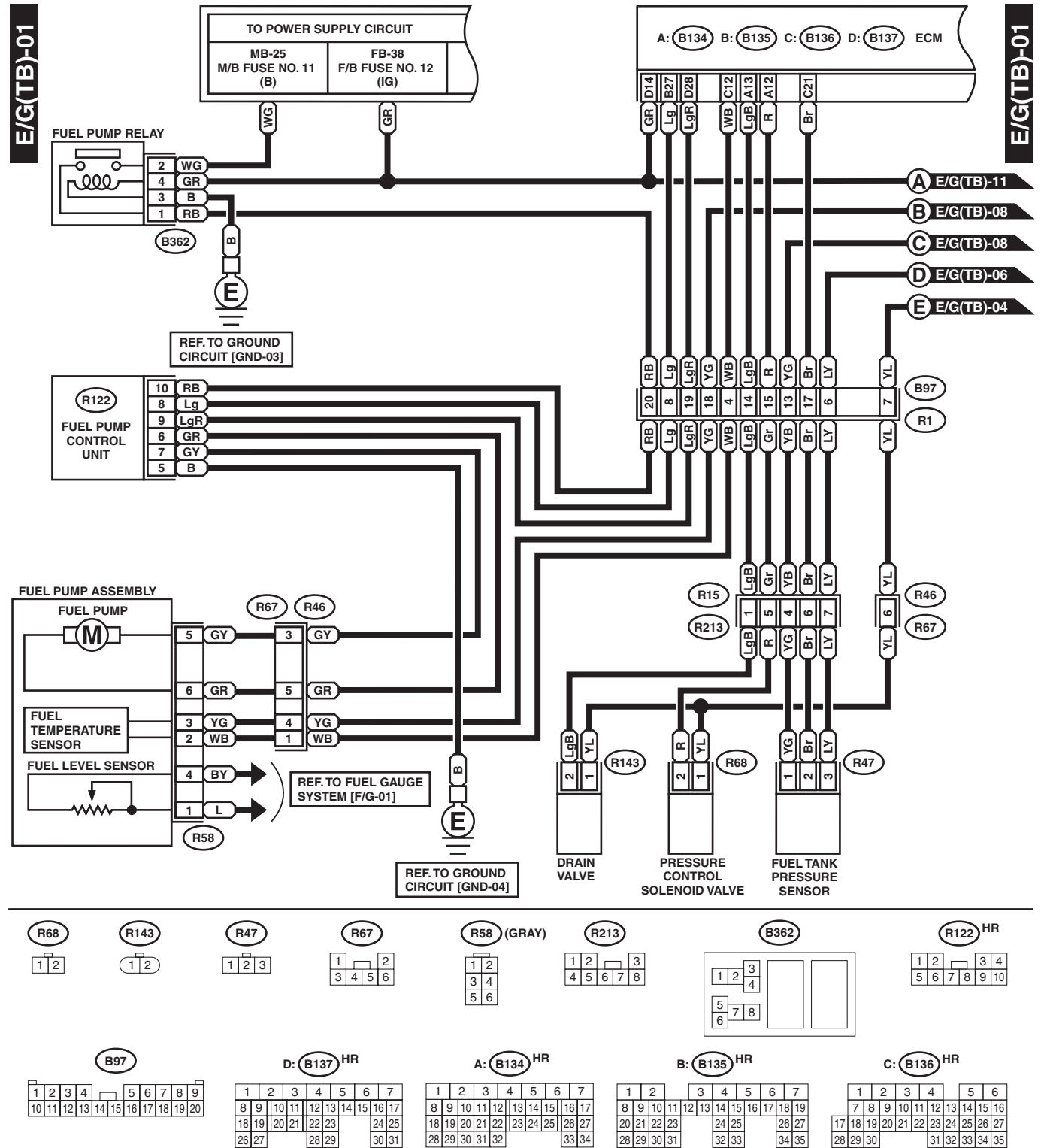
WI-09684



WI-05356

Engine Electrical System

WIRING SYSTEM

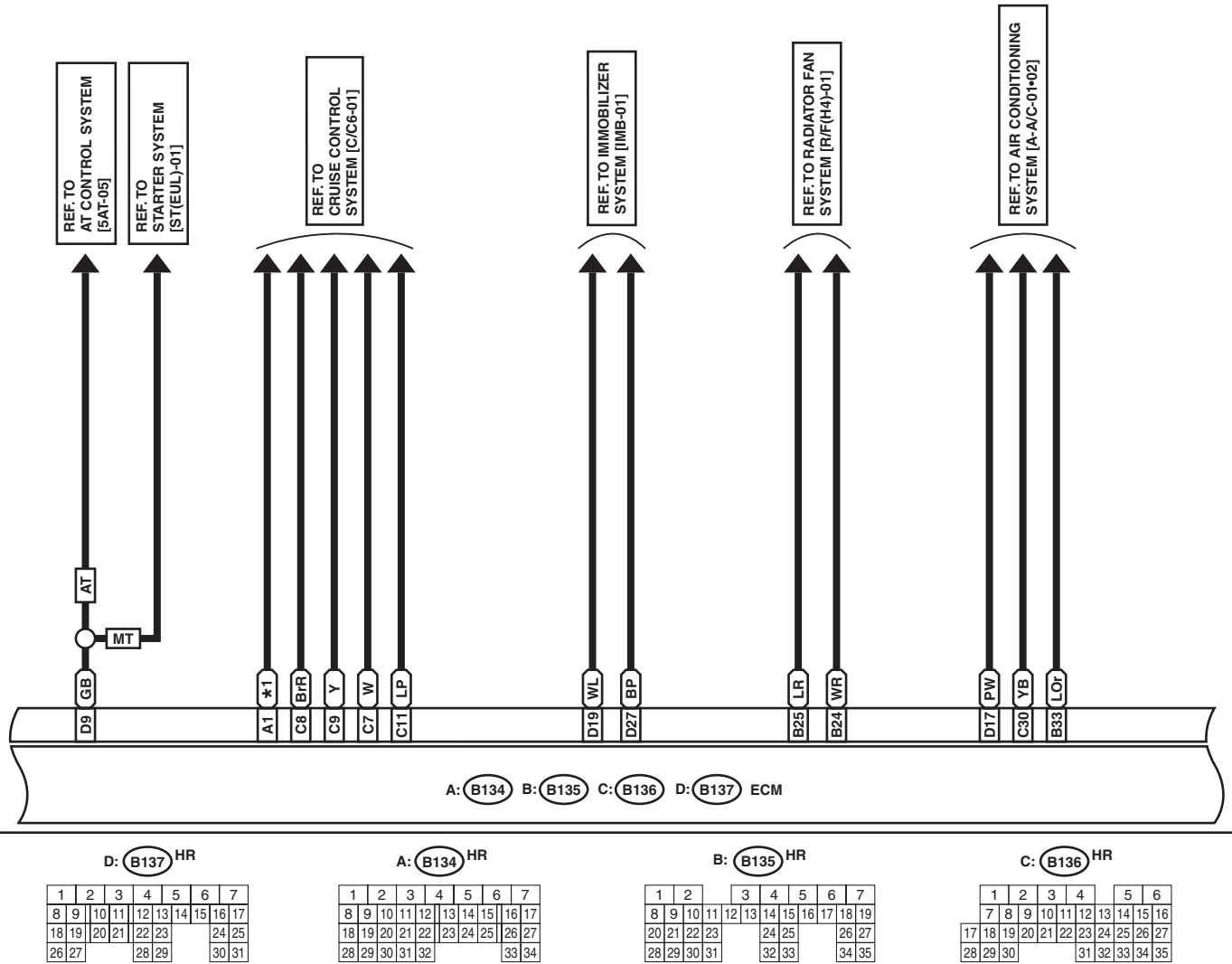


WI-09685

E/G(TB)-02

E/G(TB)-02

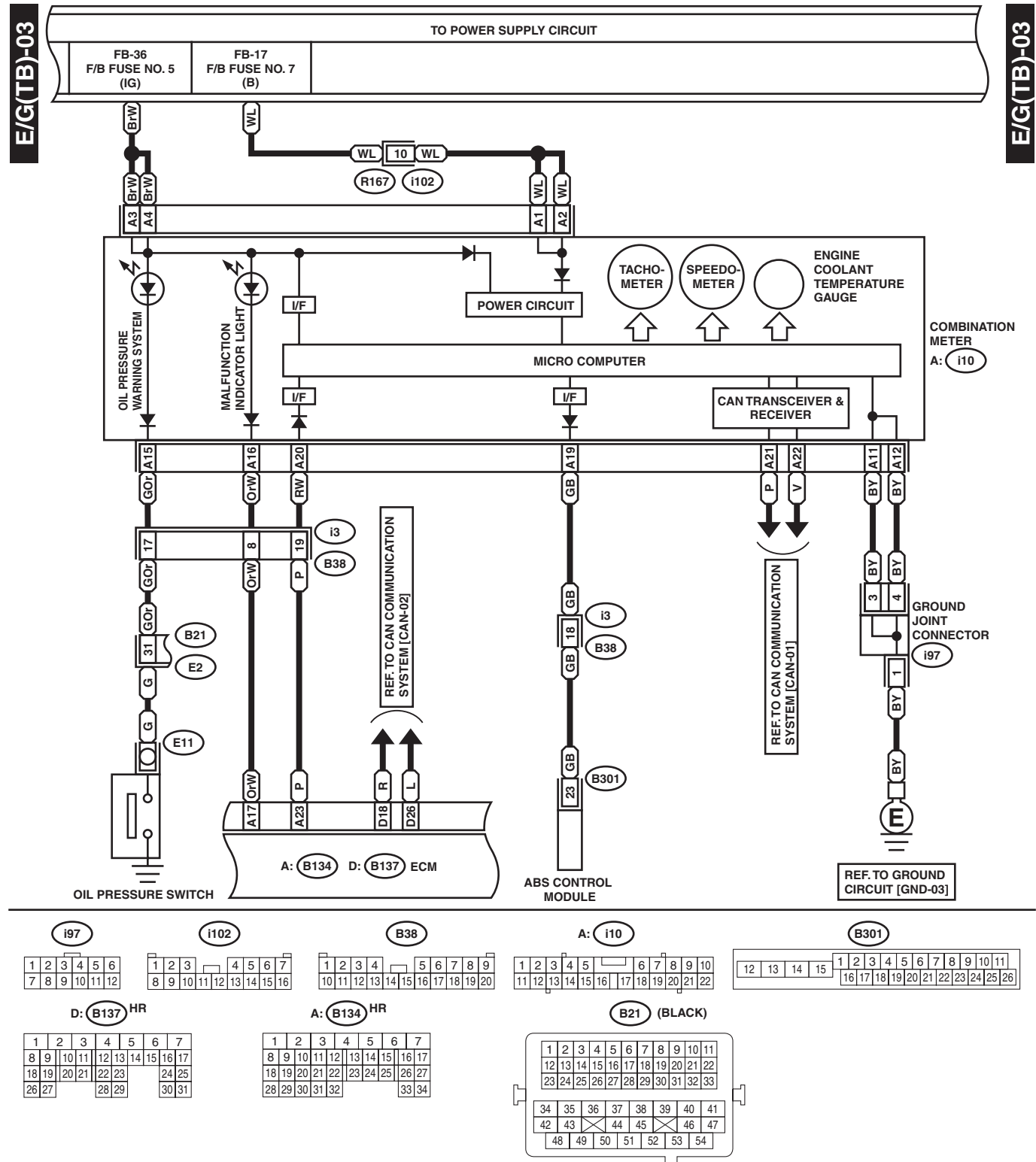
★1 : AT MODEL : GY
: MT MODEL : GB



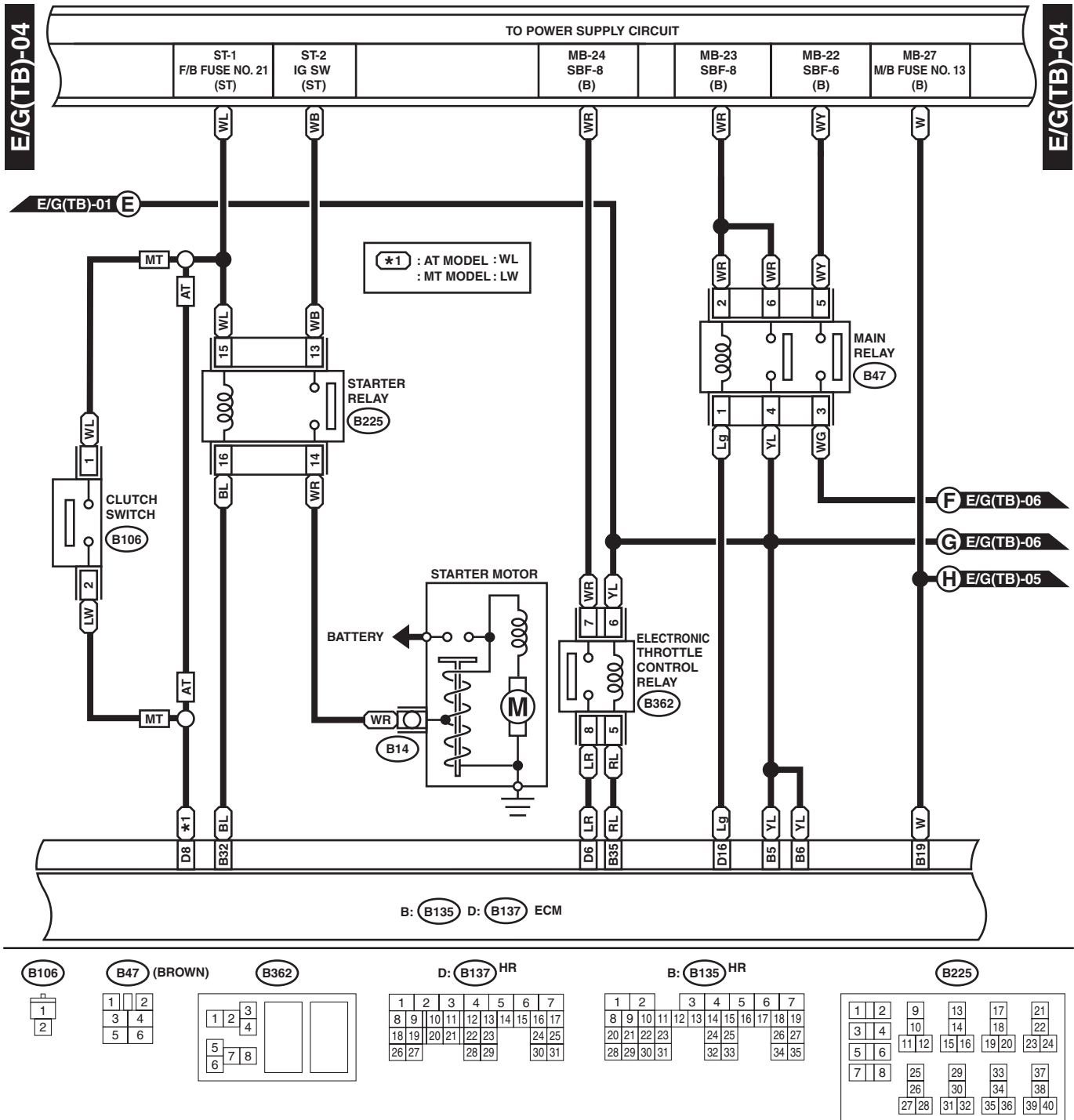
WI-05444

Engine Electrical System

WIRING SYSTEM



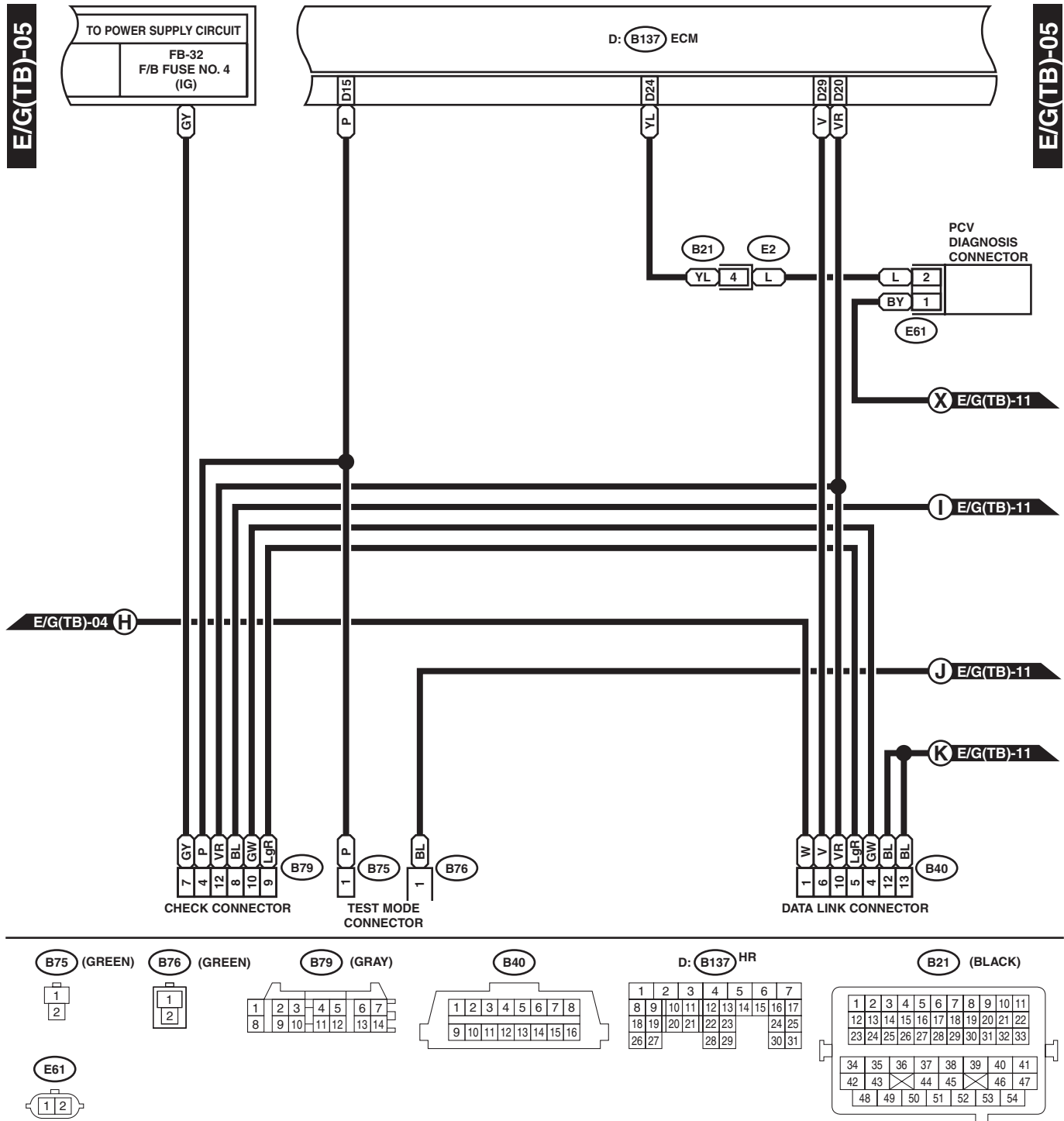
WI-05358



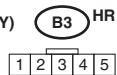
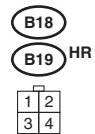
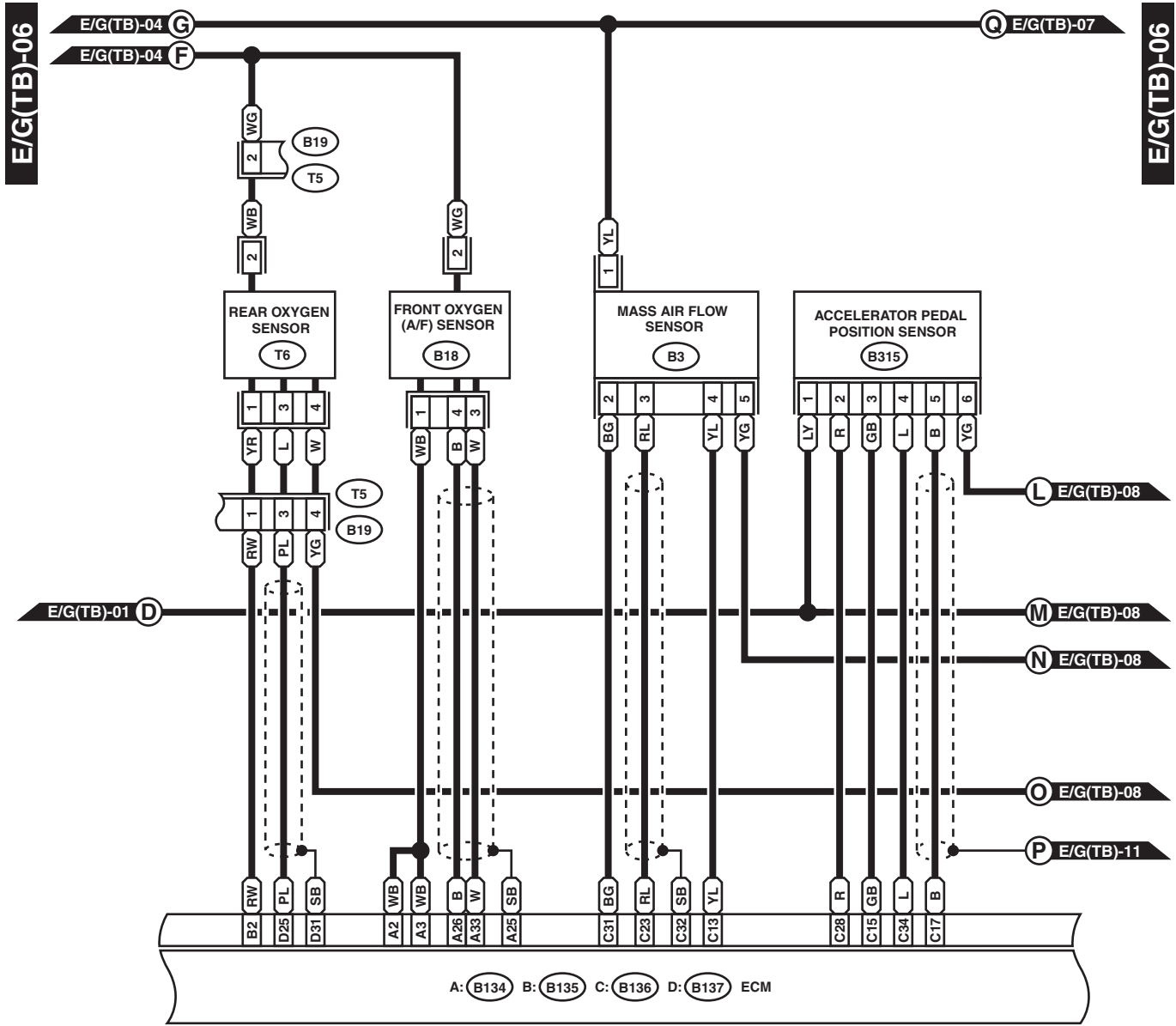
WI-05359

Engine Electrical System

WIRING SYSTEM



WI-05360



D: (B137) HR

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

A: (B134) HR

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

B: (B135) HR

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

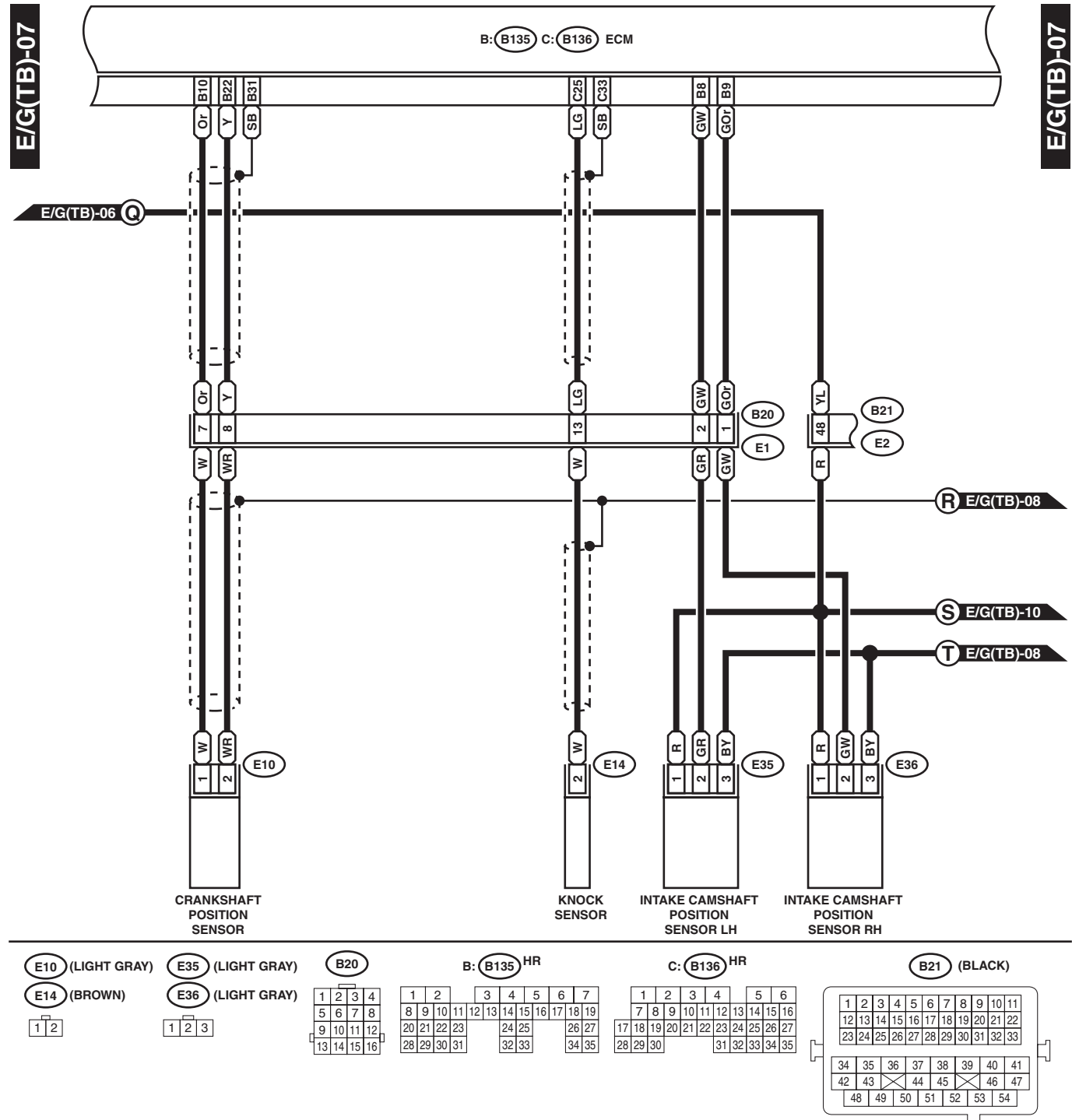
C: (B136) HR

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	

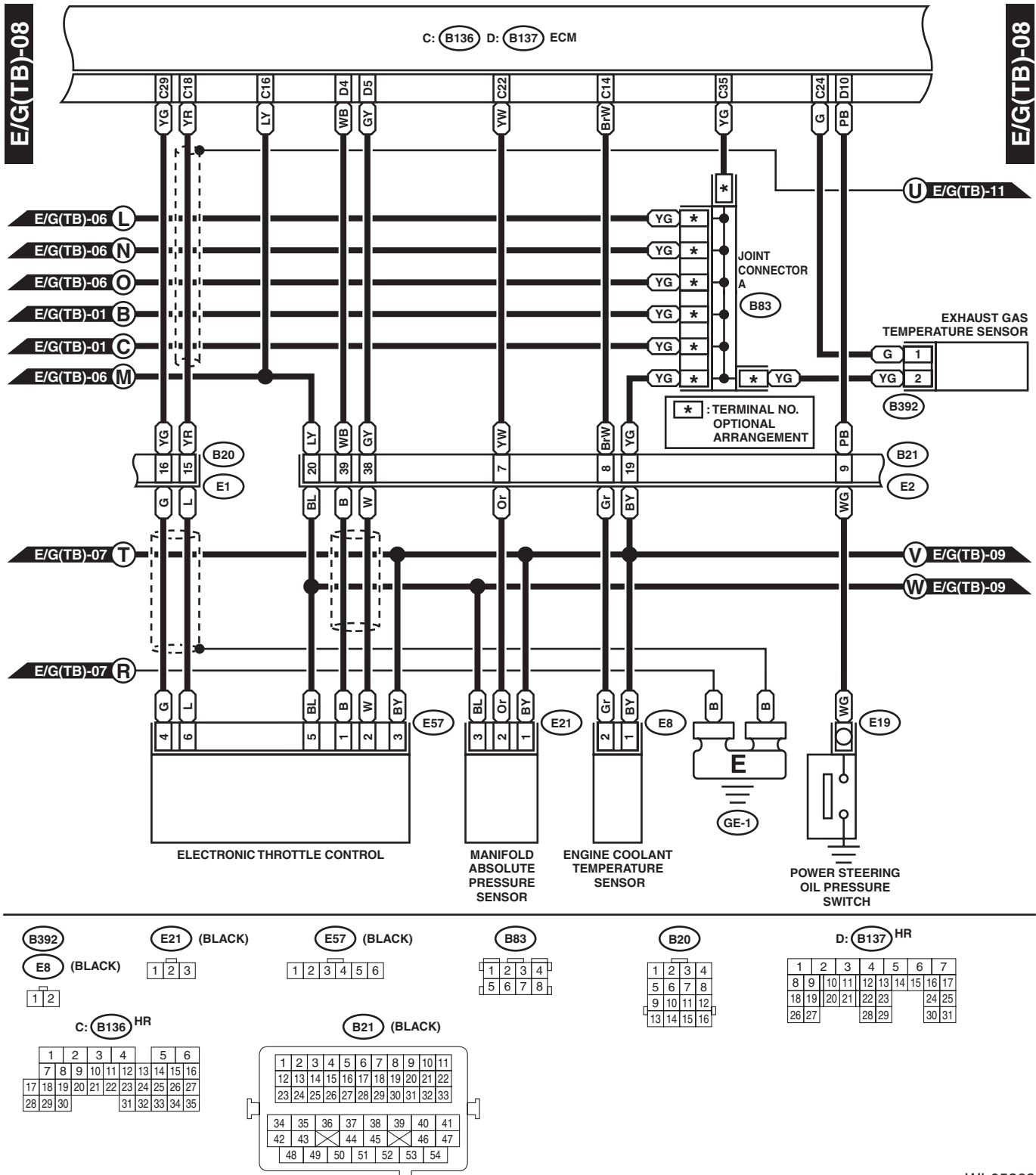
WI-05361

Engine Electrical System

WIRING SYSTEM



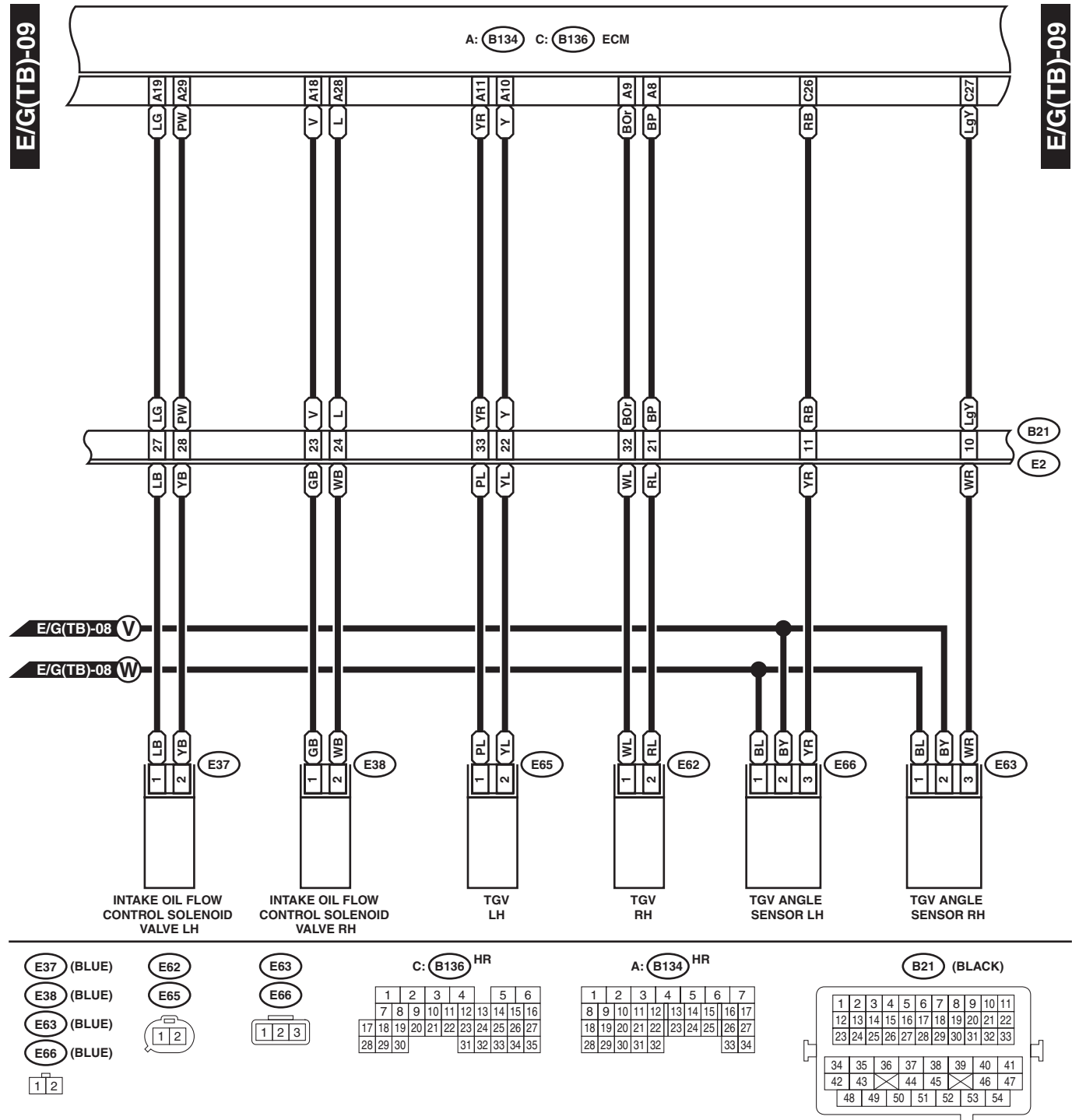
WI-05362



WI-05363

Engine Electrical System

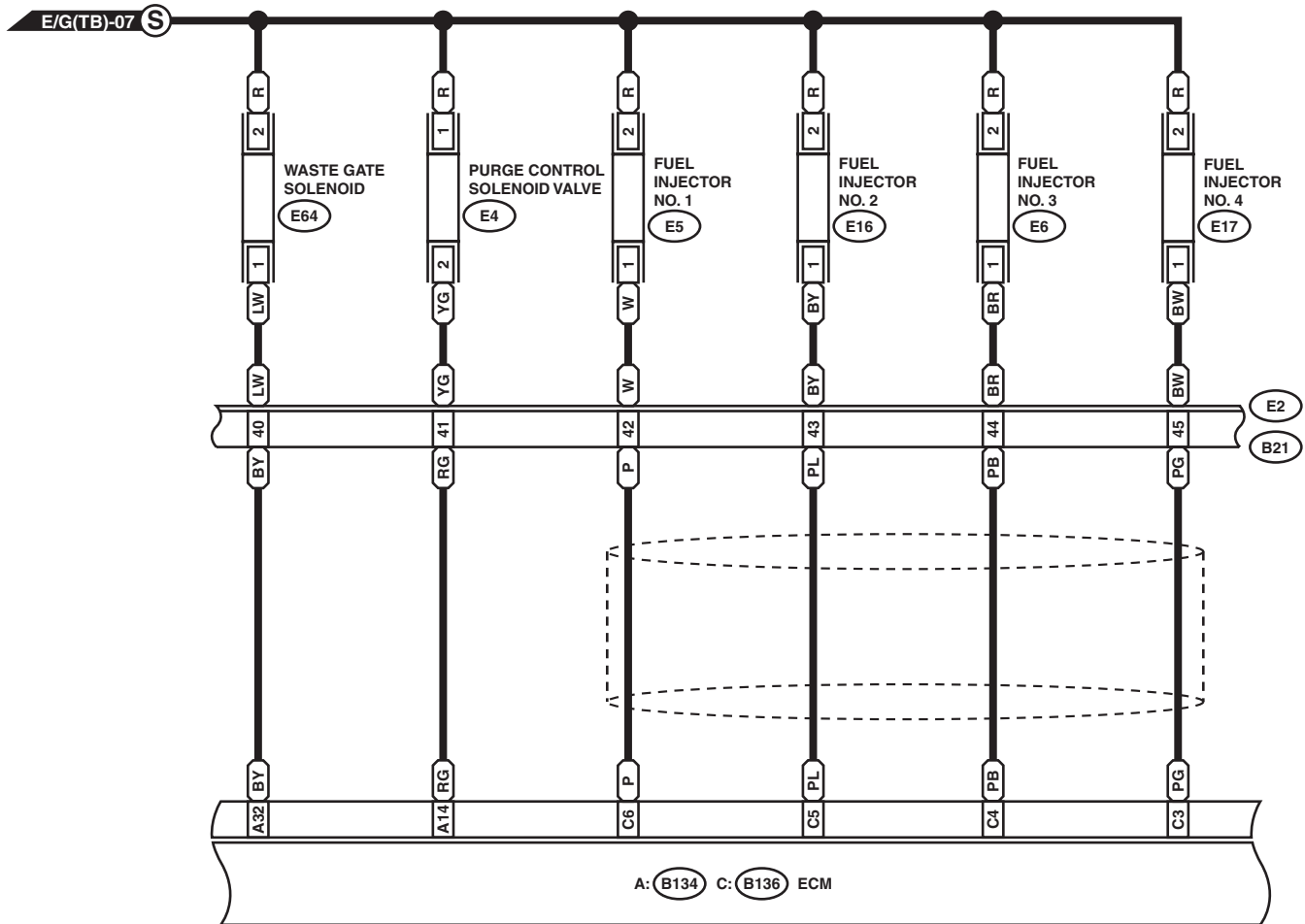
WIRING SYSTEM



WI-05364

E/G(TB)-10

E/G(TB)-10



E4 (BLACK)
E64 (BLUE)
1 2

E5 (LIGHT GRAY)
E6 (BLACK)
E16 (LIGHT GRAY)
E17 (BLACK)
1 2

A: B134 HR

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	

C: B136 HR

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	

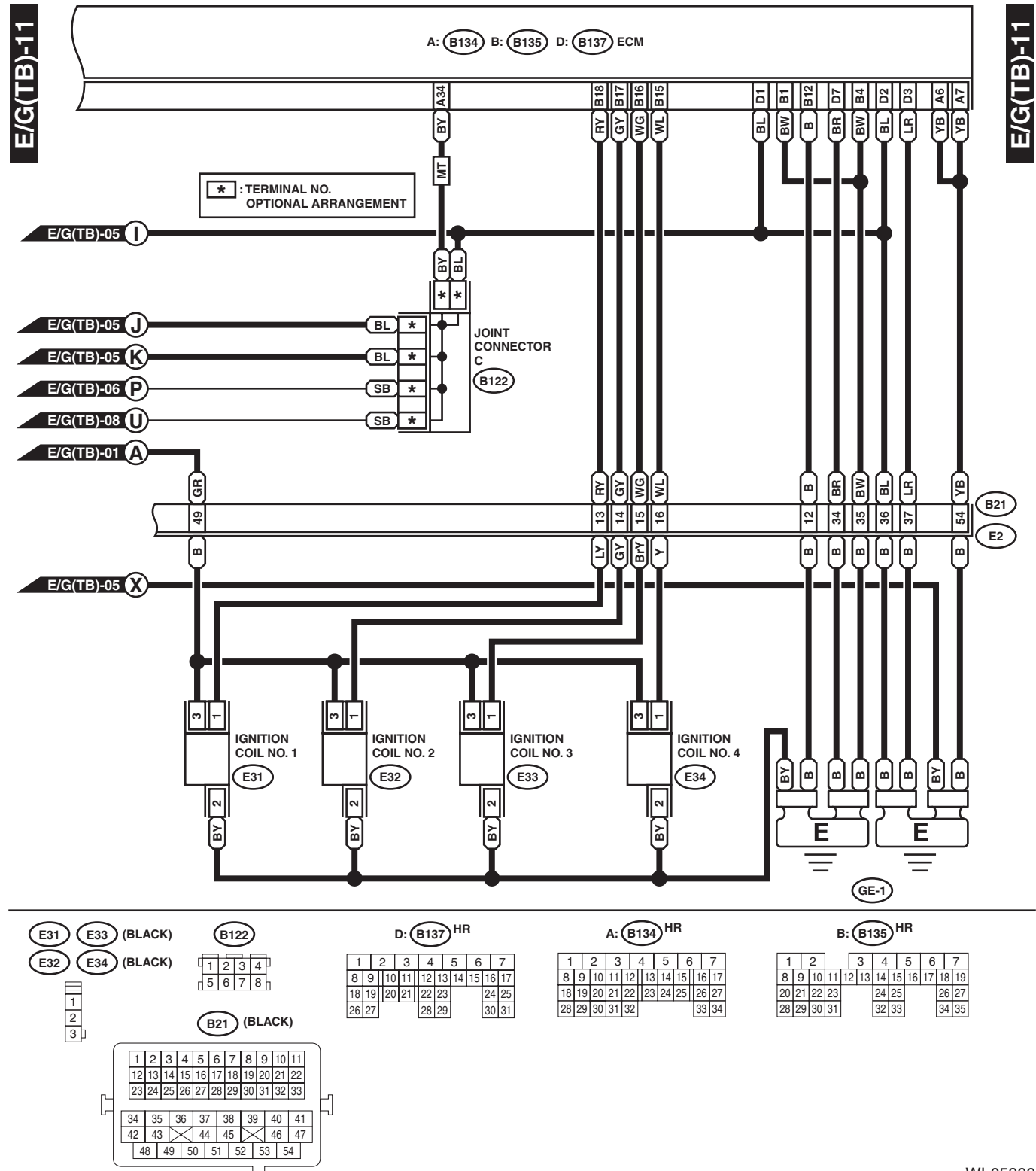
B21 (BLACK)

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	

WI-05365

Engine Electrical System

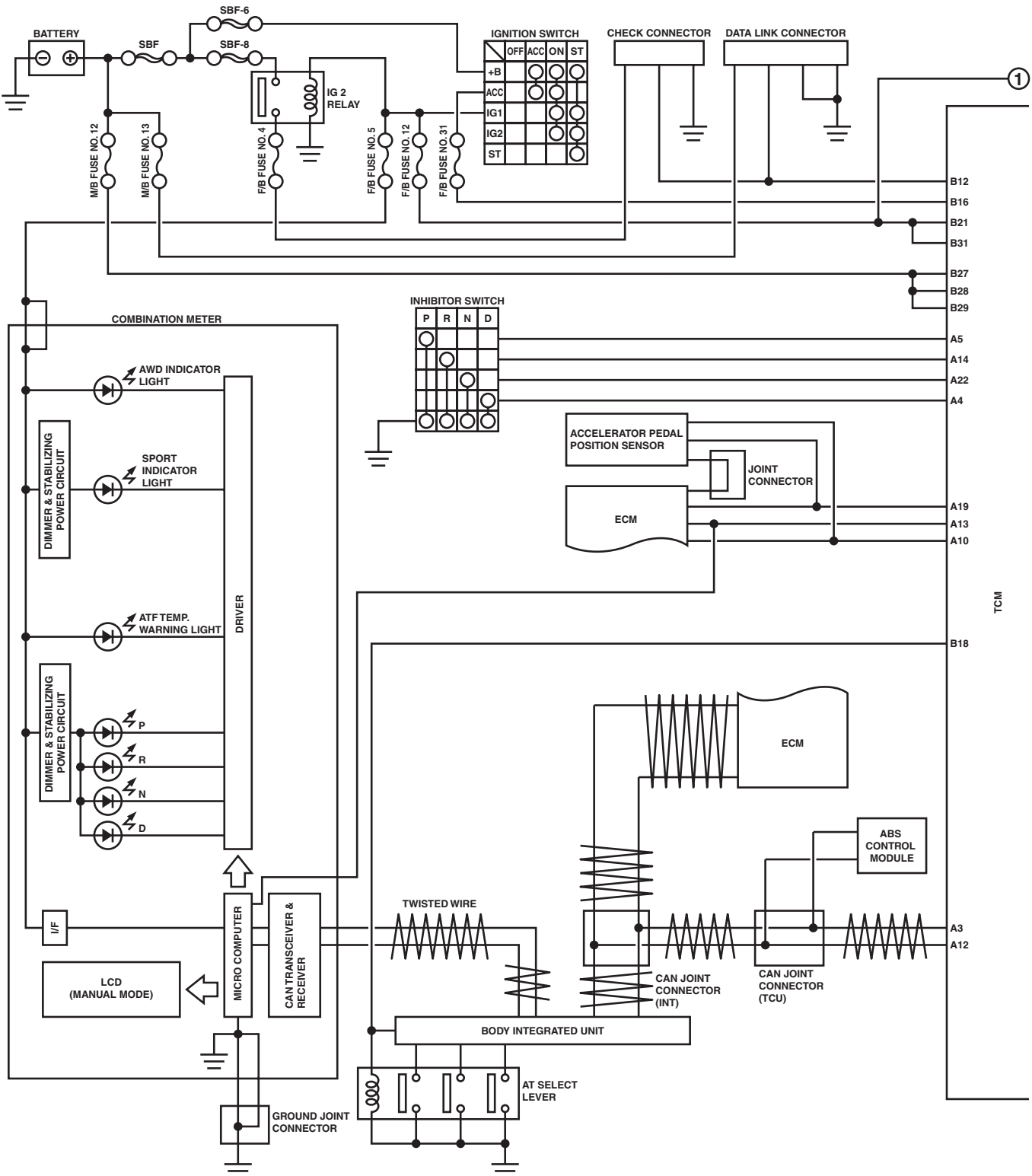
WIRING SYSTEM



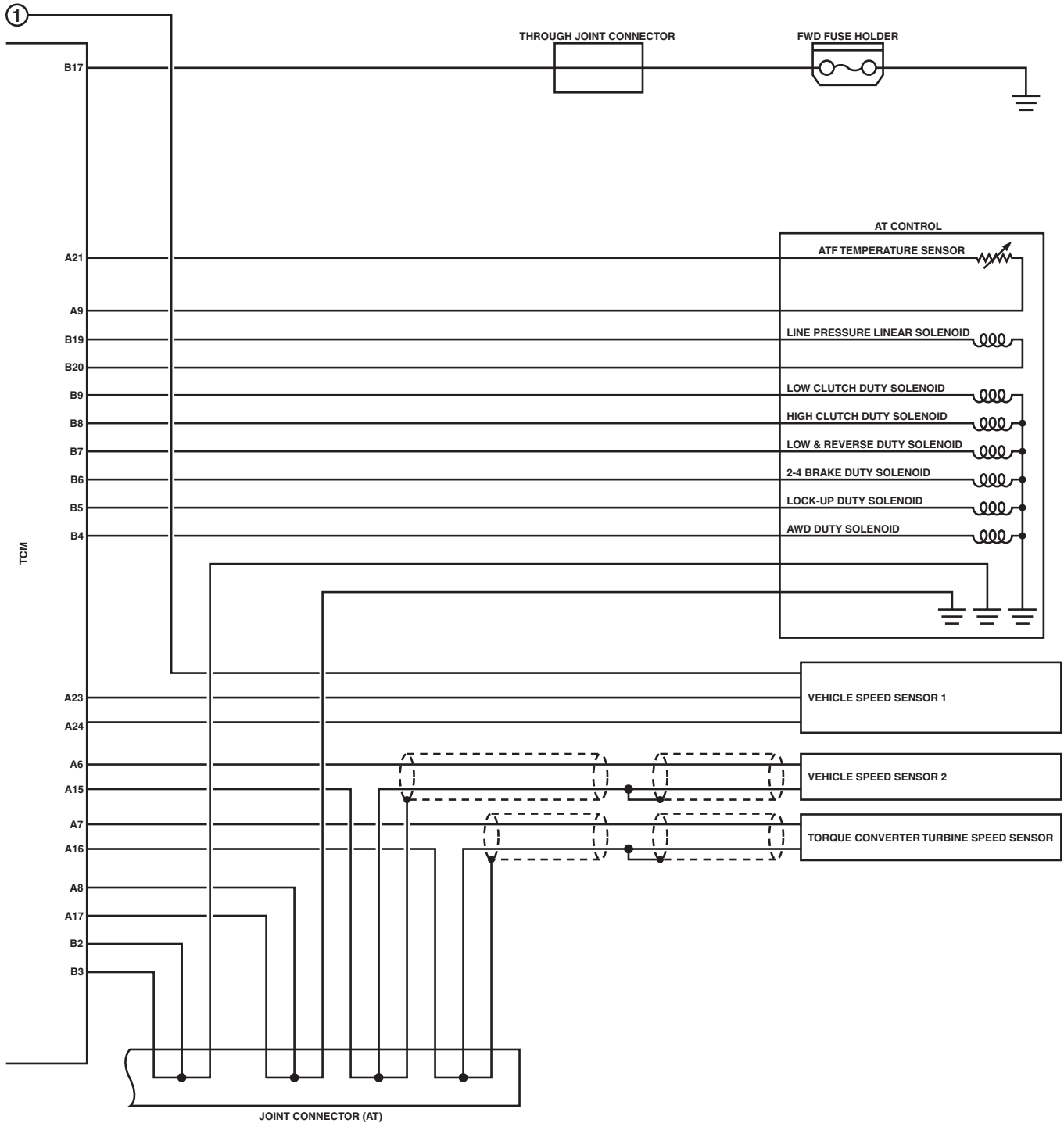
6. AT Control System

A: WIRING DIAGRAM

1. 4AT MODEL



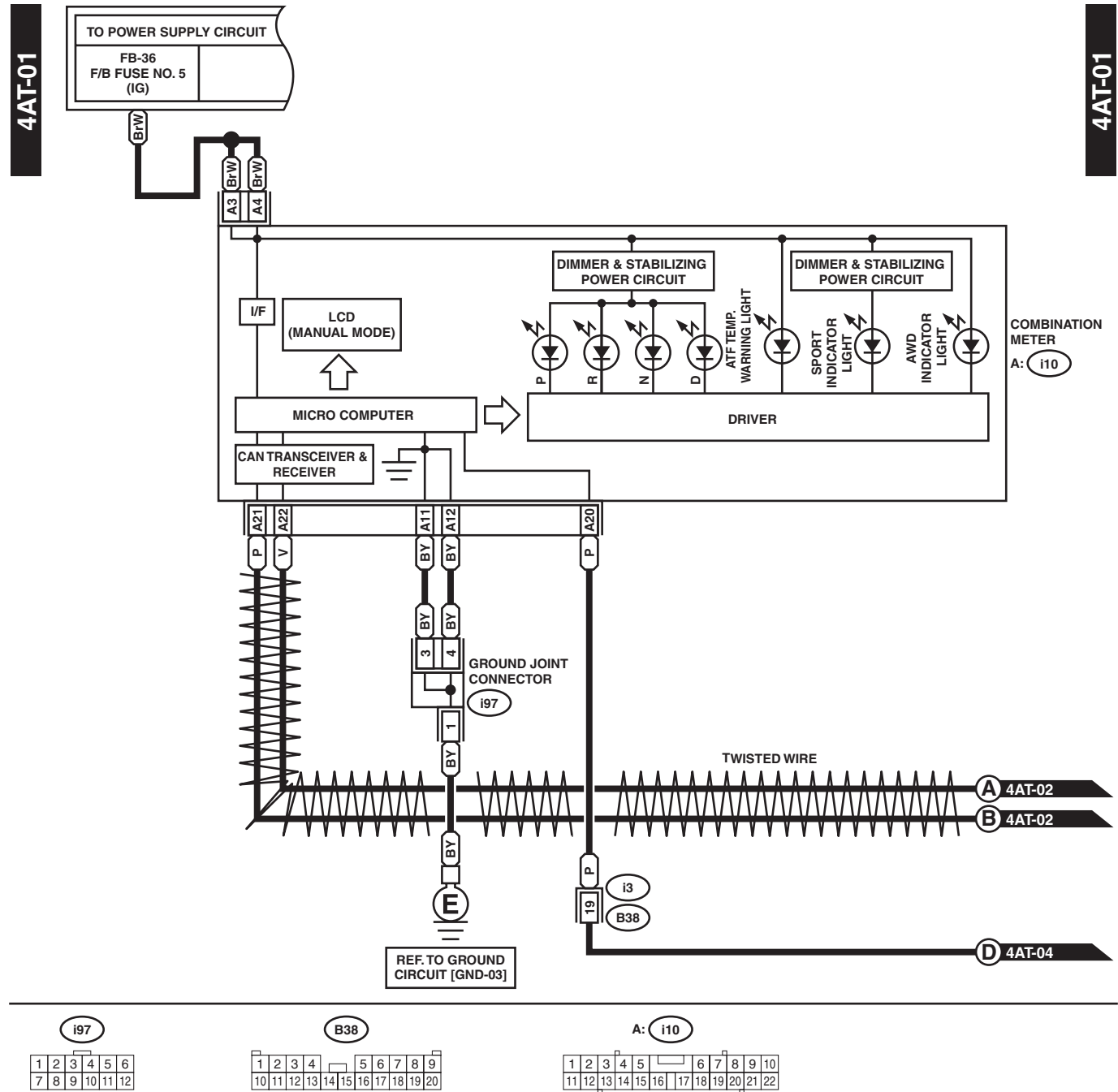
WI-05281



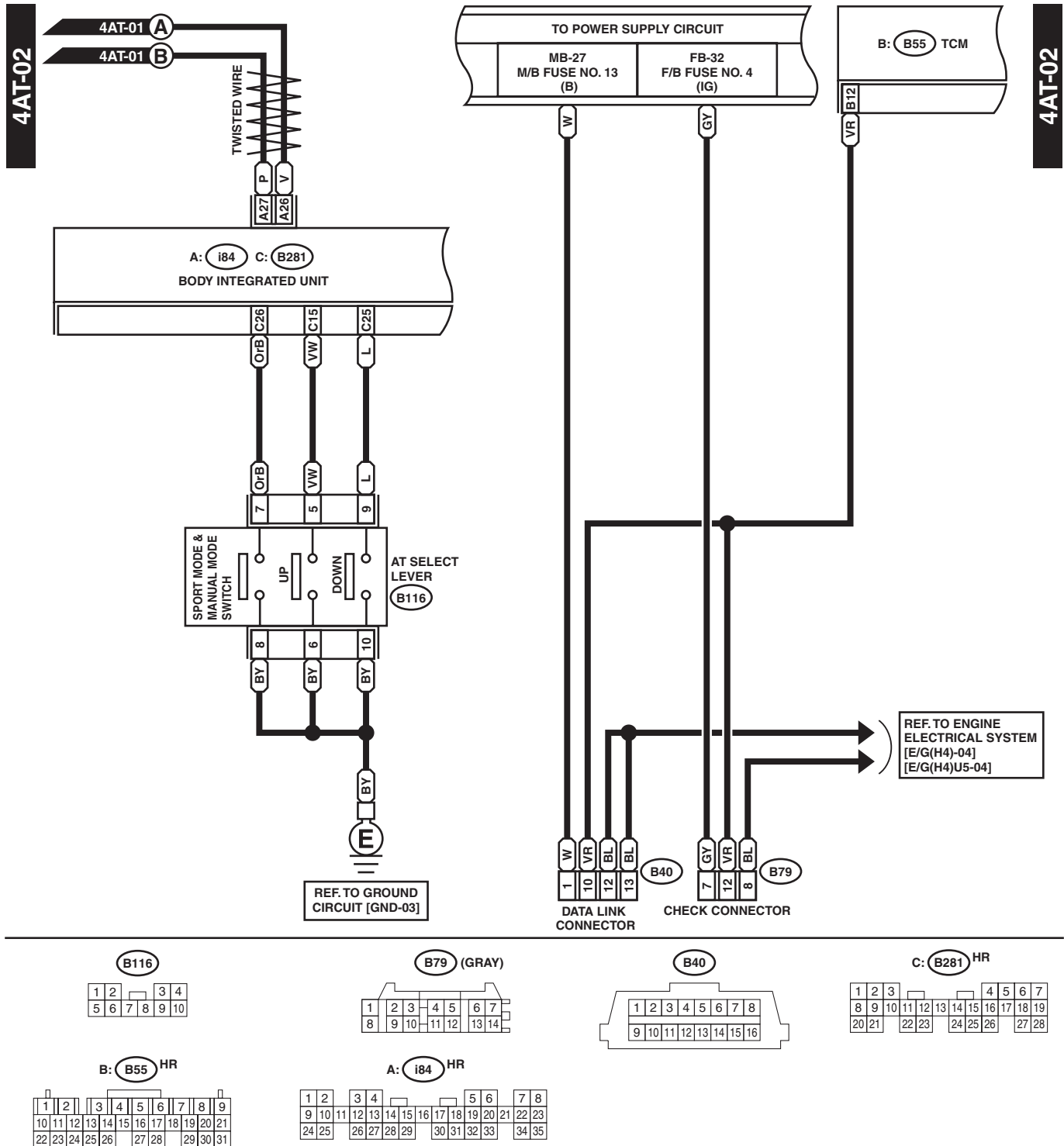
WI-05282

AT Control System

WIRING SYSTEM



WI-05283



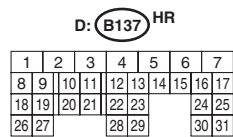
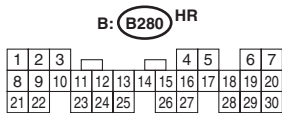
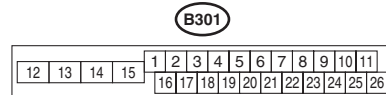
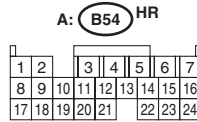
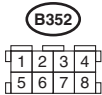
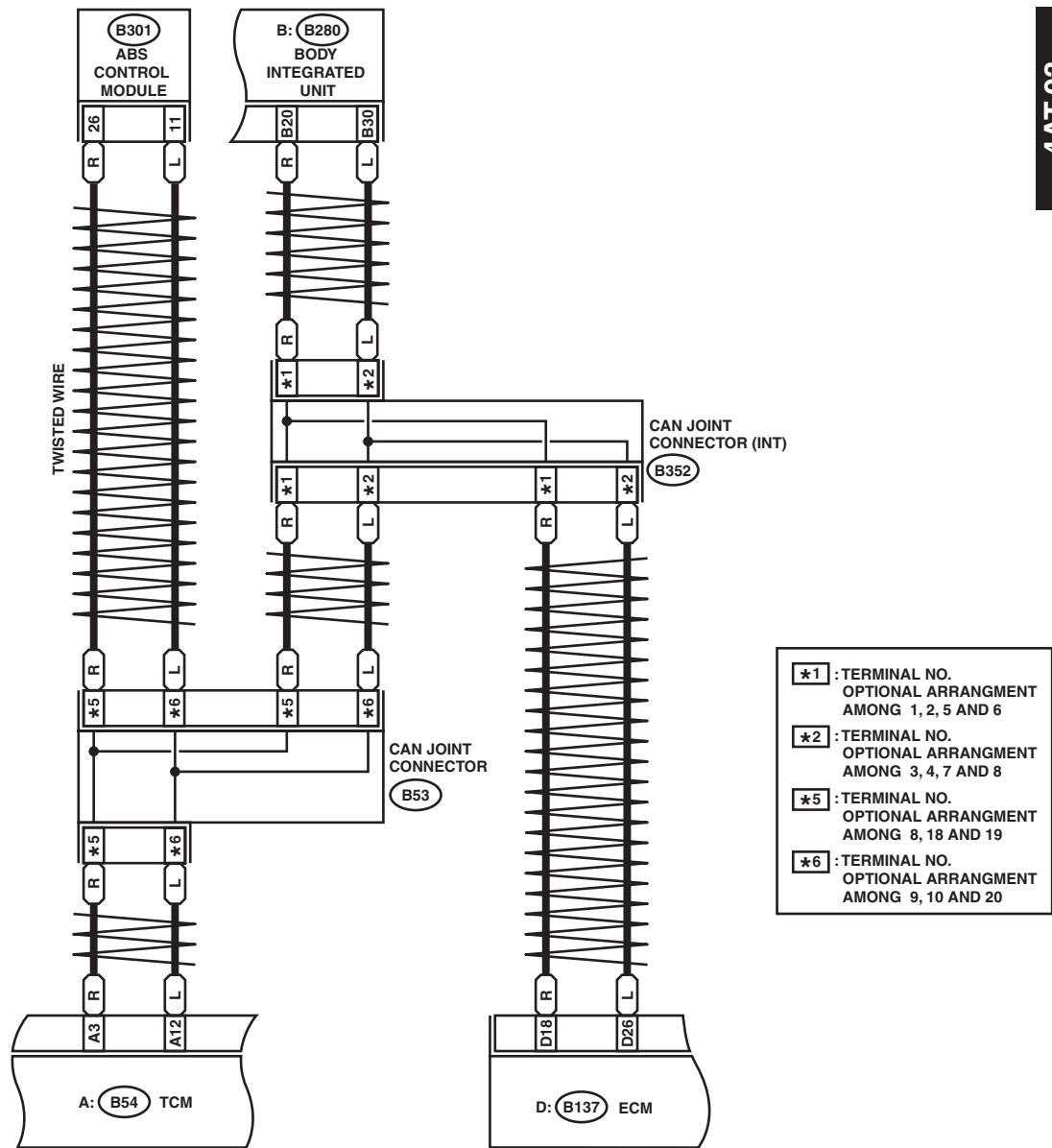
WI-05284

AT Control System

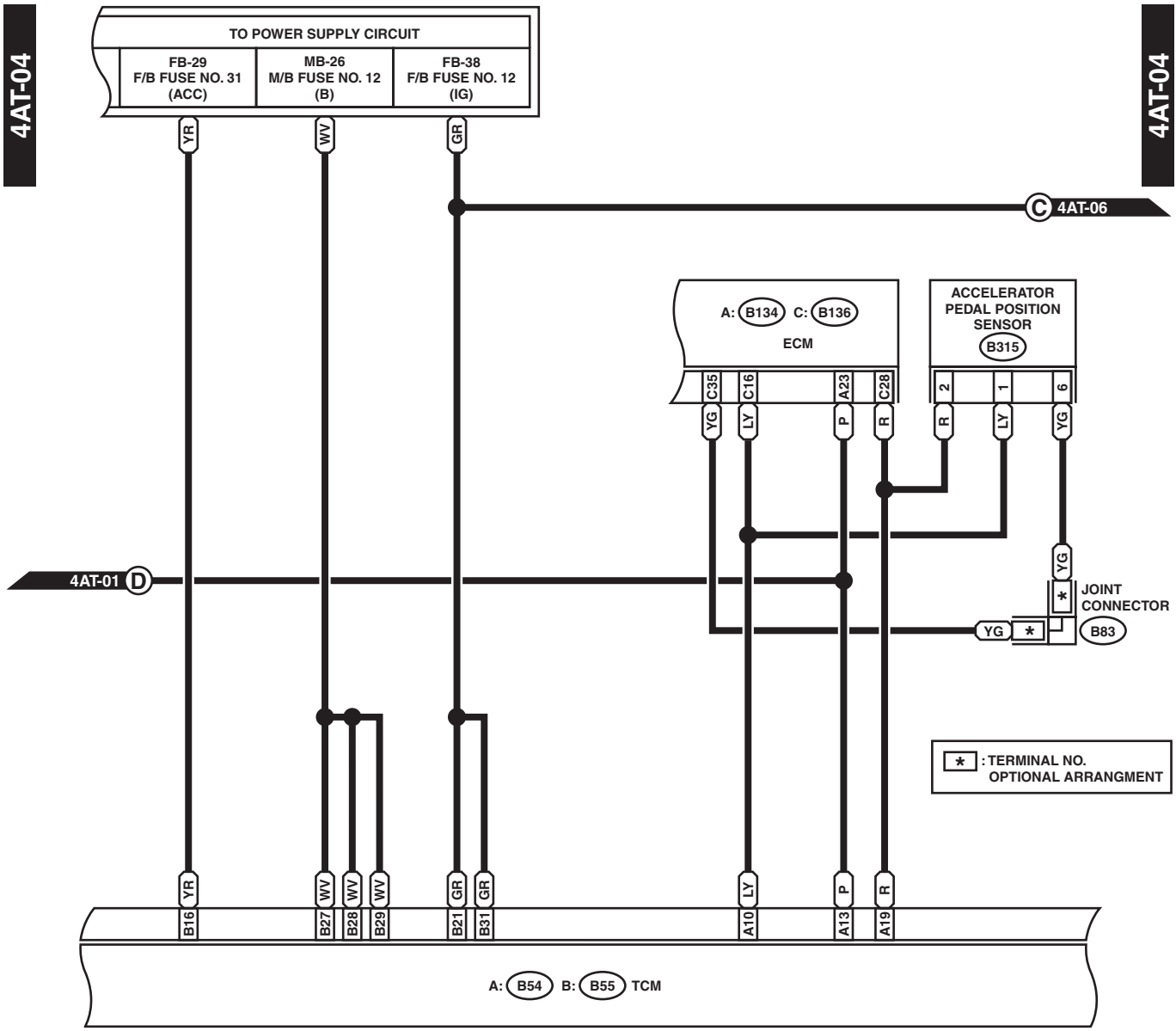
WIRING SYSTEM

4AT-03

4AT-03



WI-05285



B315 HR

1	2	3	4	5	6
---	---	---	---	---	---

B83

1	2	3	4
5	6	7	8

A: B54 HR

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 HR

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					

A: B134 HR

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	

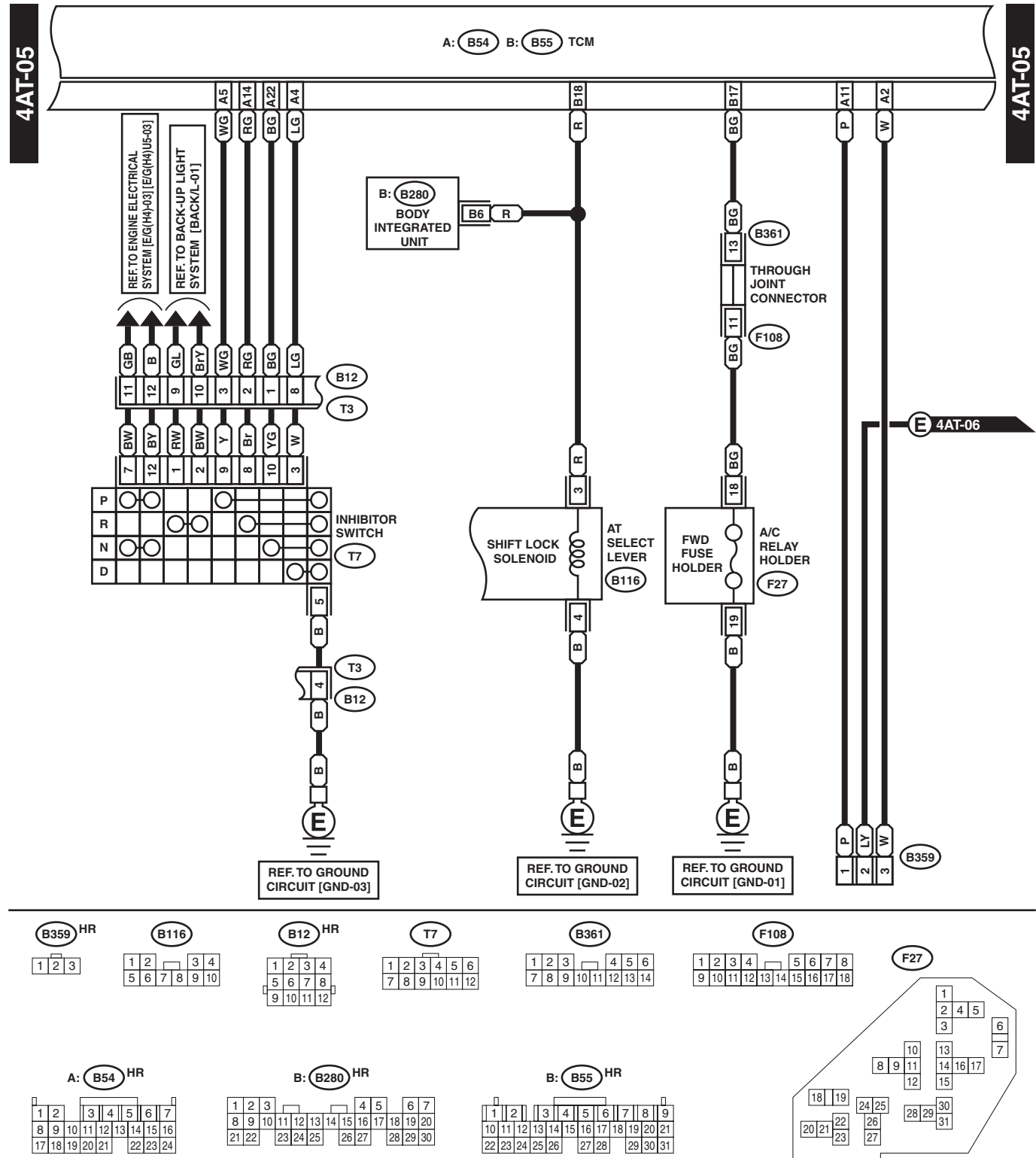
C: B136 HR

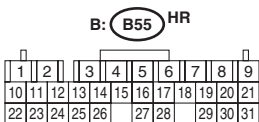
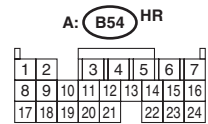
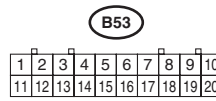
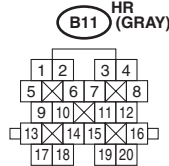
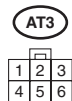
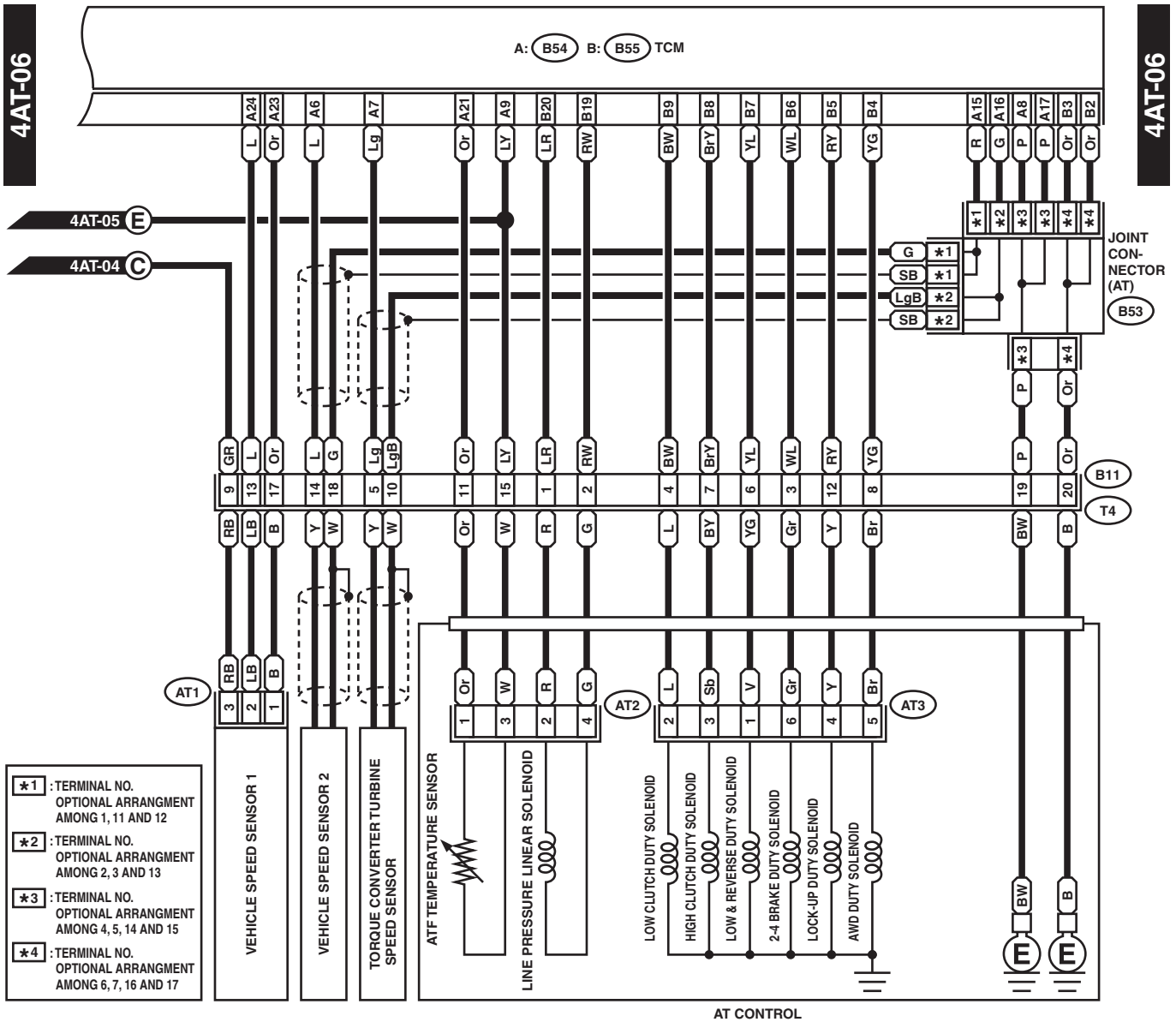
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	

WI-05286

AT Control System

WIRING SYSTEM



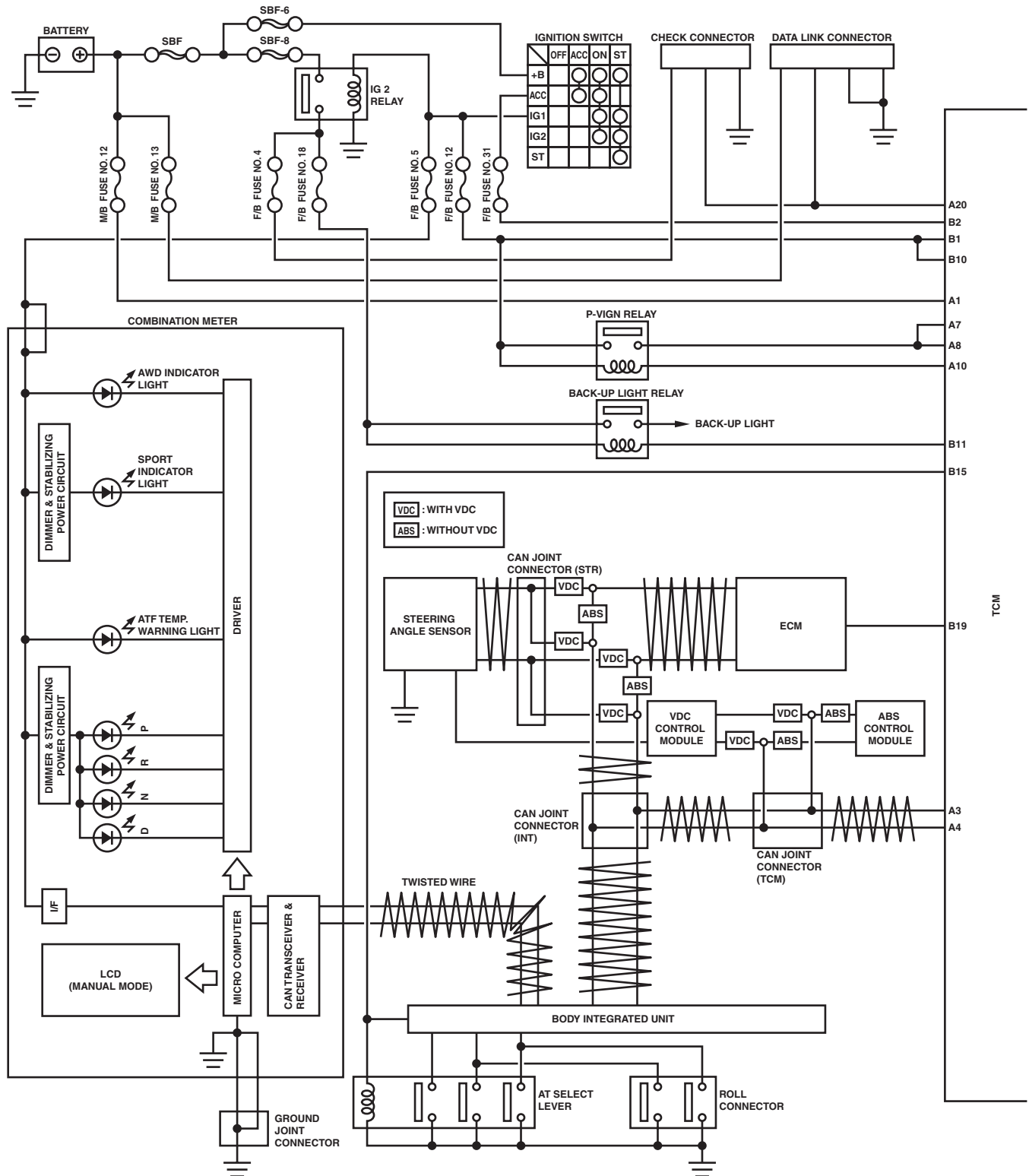


WI-05288

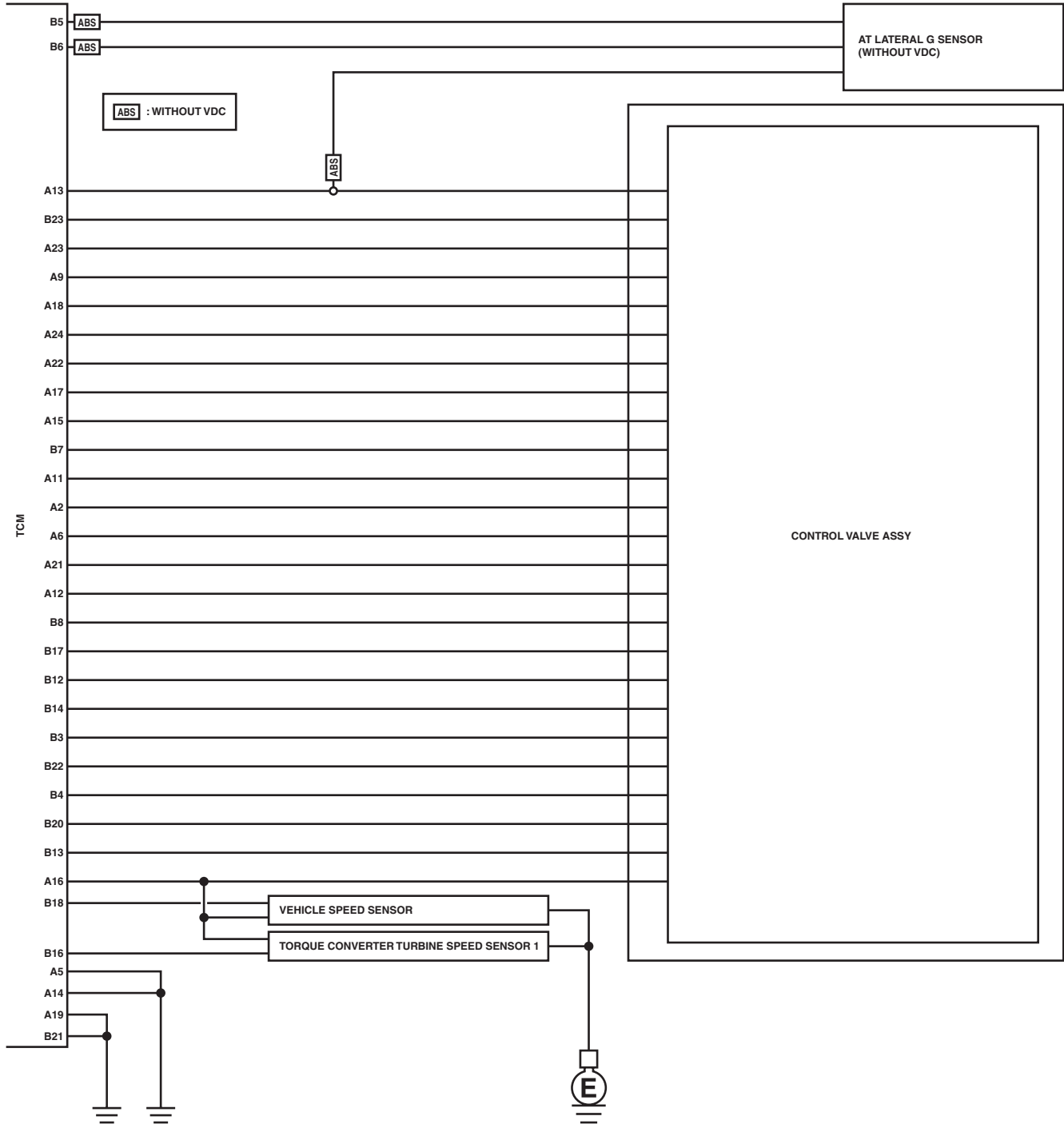
AT Control System

WIRING SYSTEM

2. 5AT MODEL



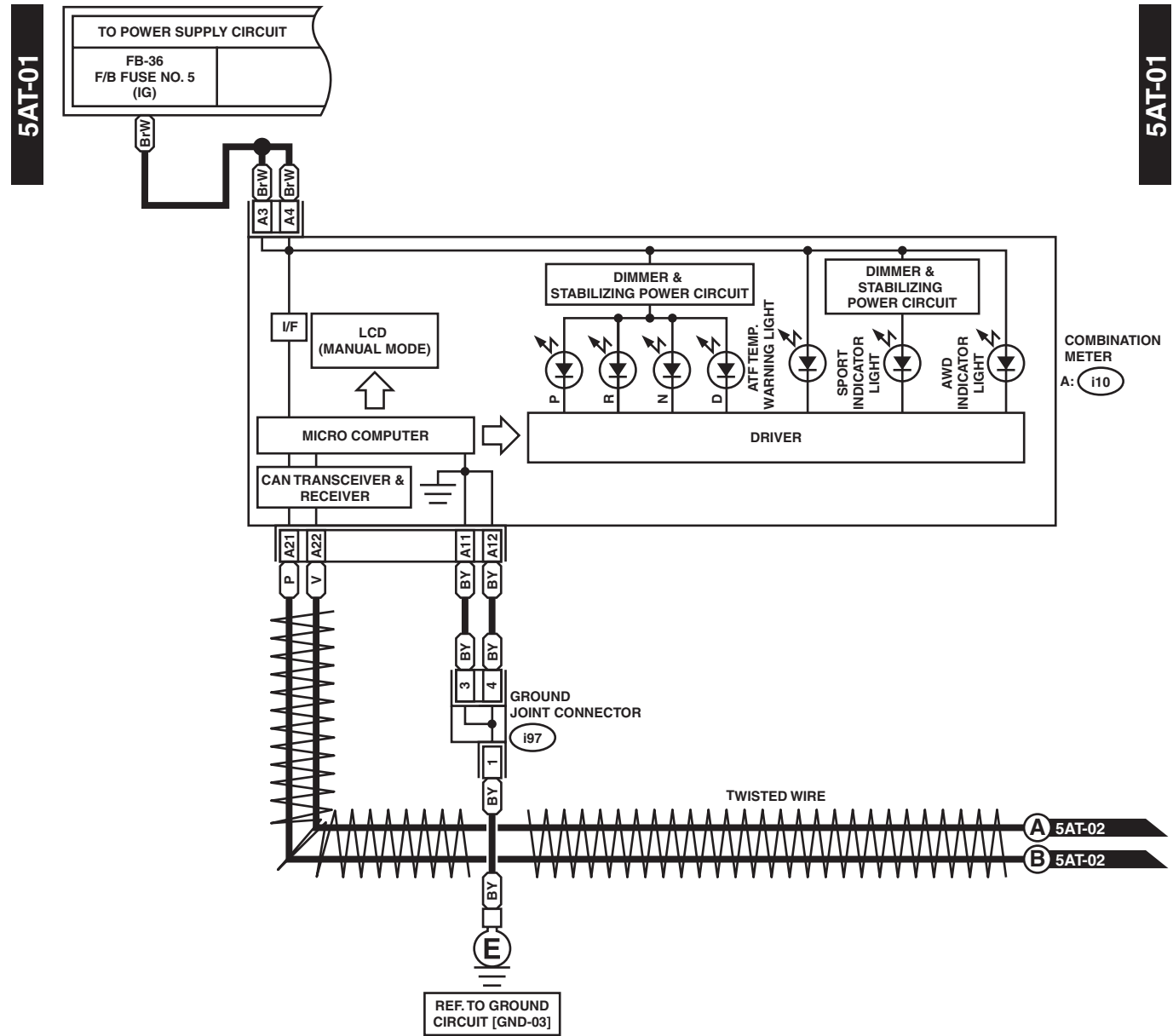
WI-05289



WI-05290

AT Control System

WIRING SYSTEM



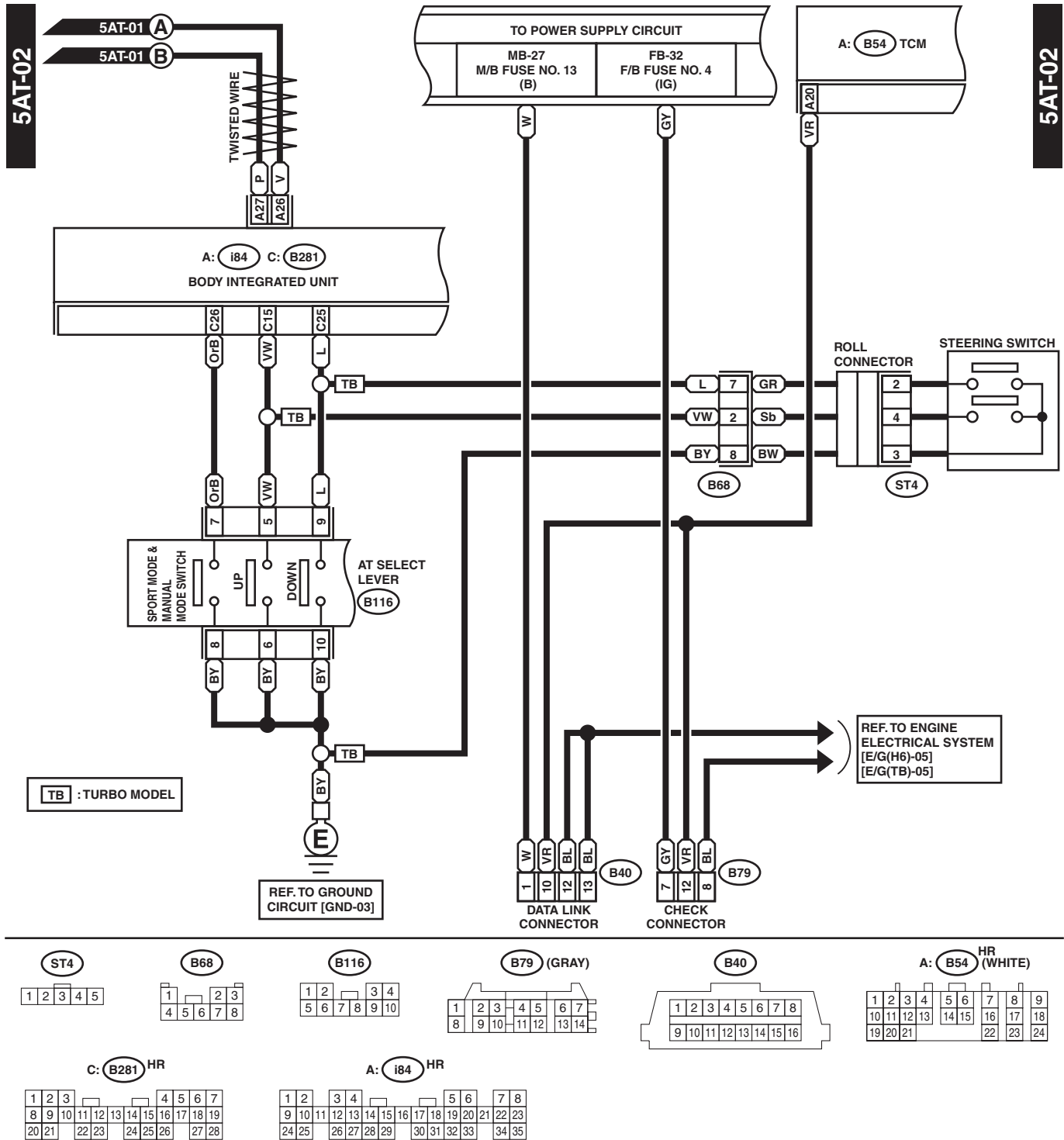
i97

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

A: i10

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

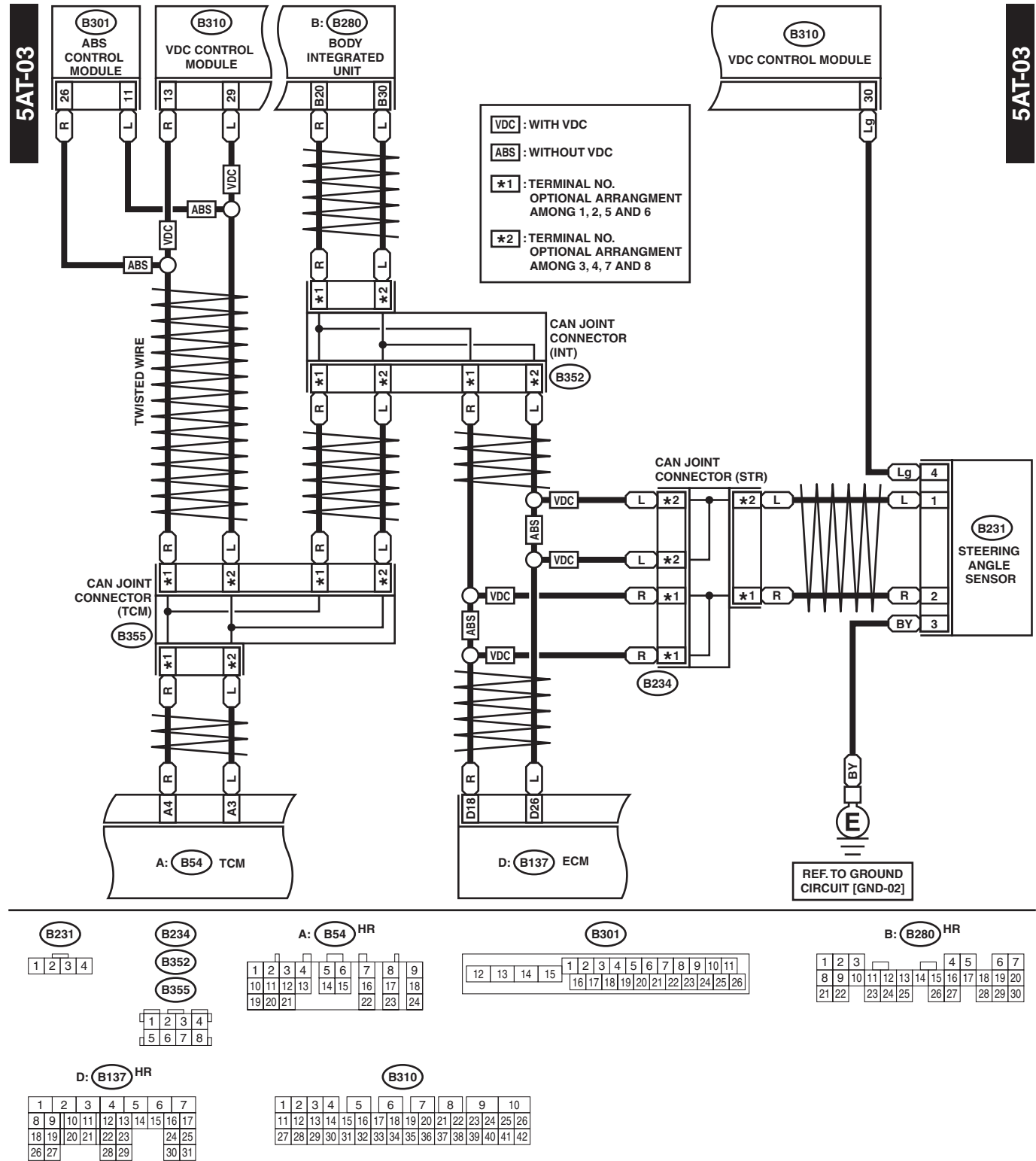
WI-05291



WI-05292

AT Control System

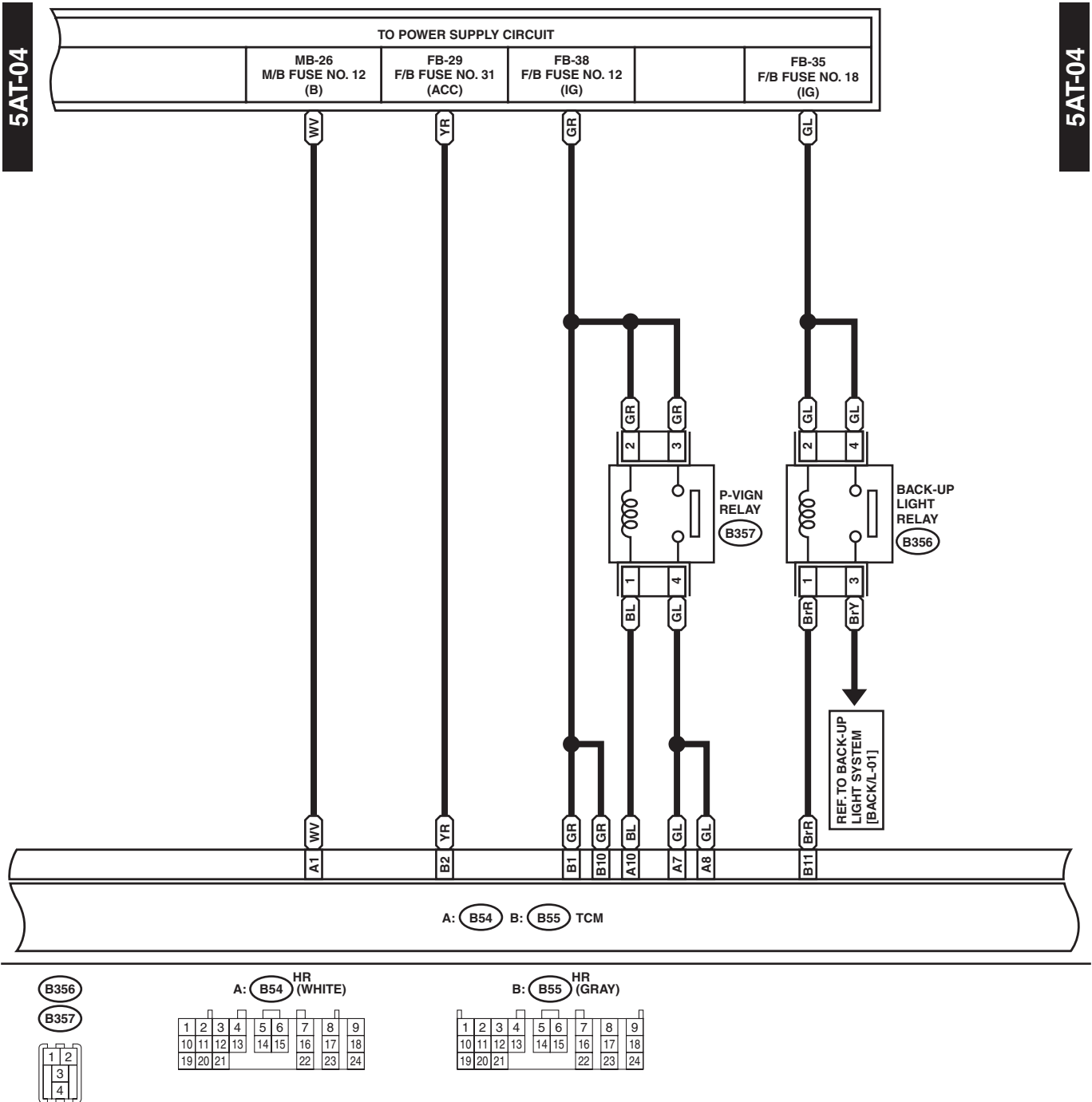
WIRING SYSTEM



WI-05293

AT Control System

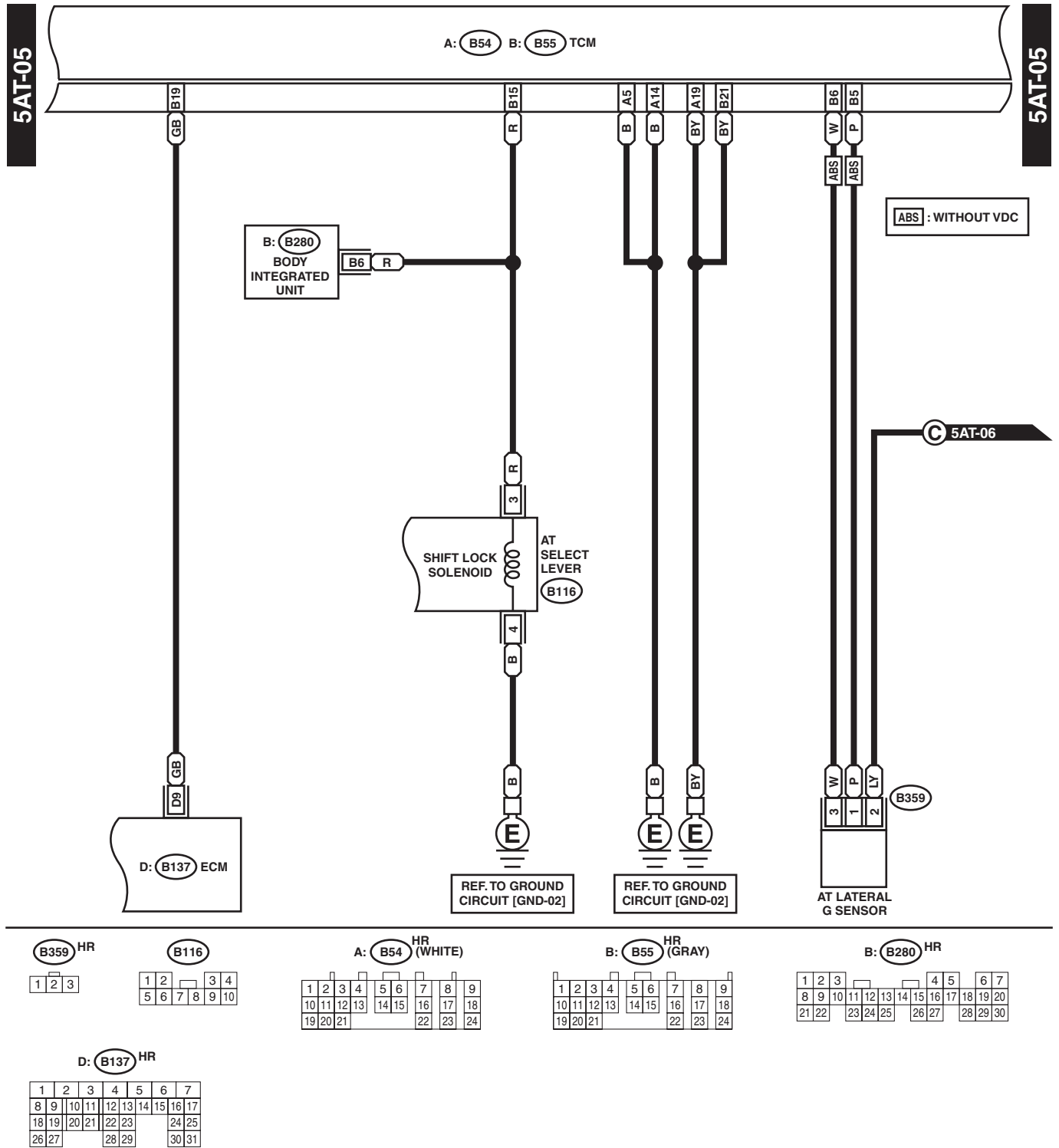
WIRING SYSTEM



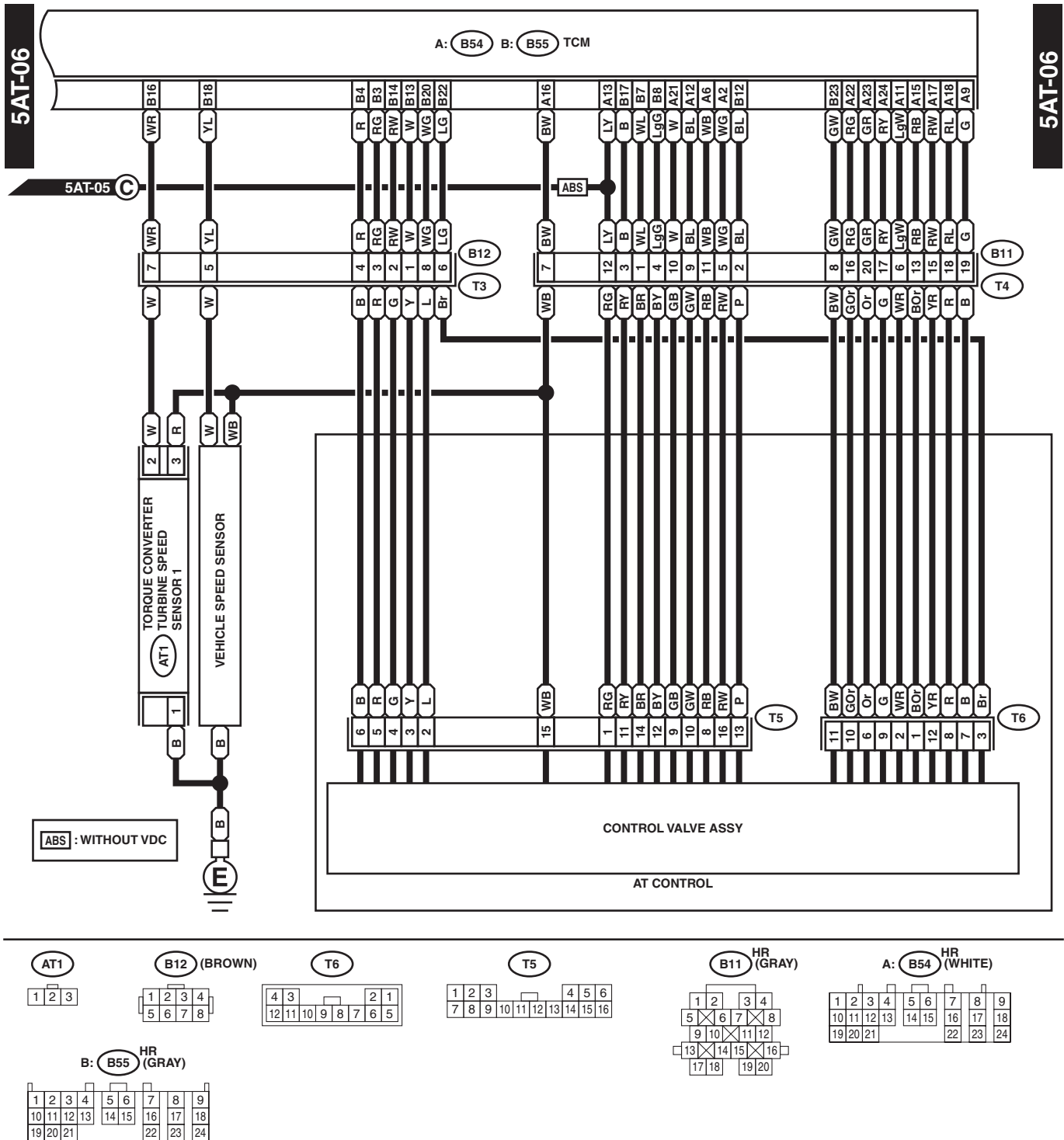
WI-05294

AT Control System

WIRING SYSTEM



WI-05295



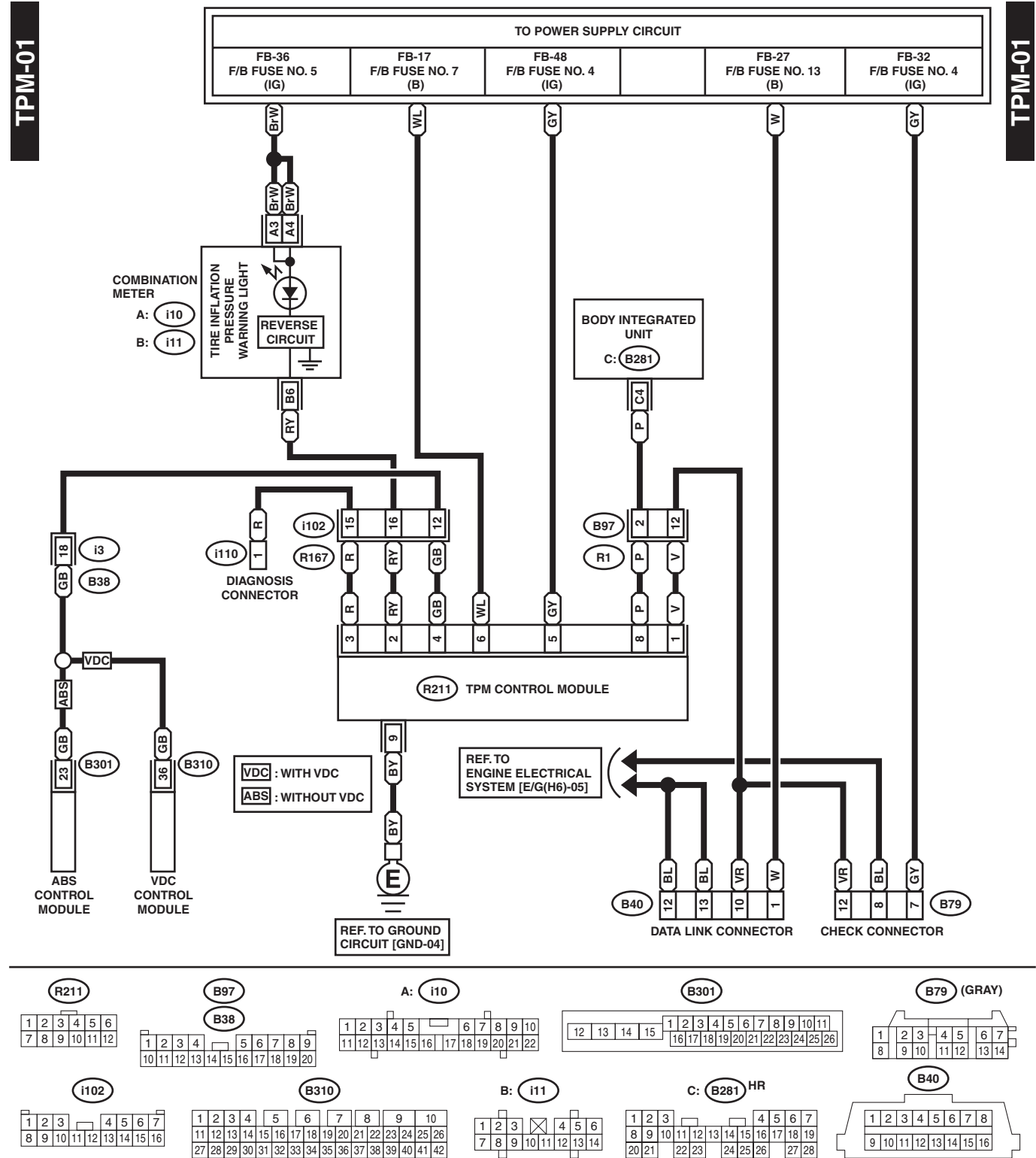
WI-05296

A: WIRING DIAGRAM



8. TPM Control System

A: WIRING DIAGRAM



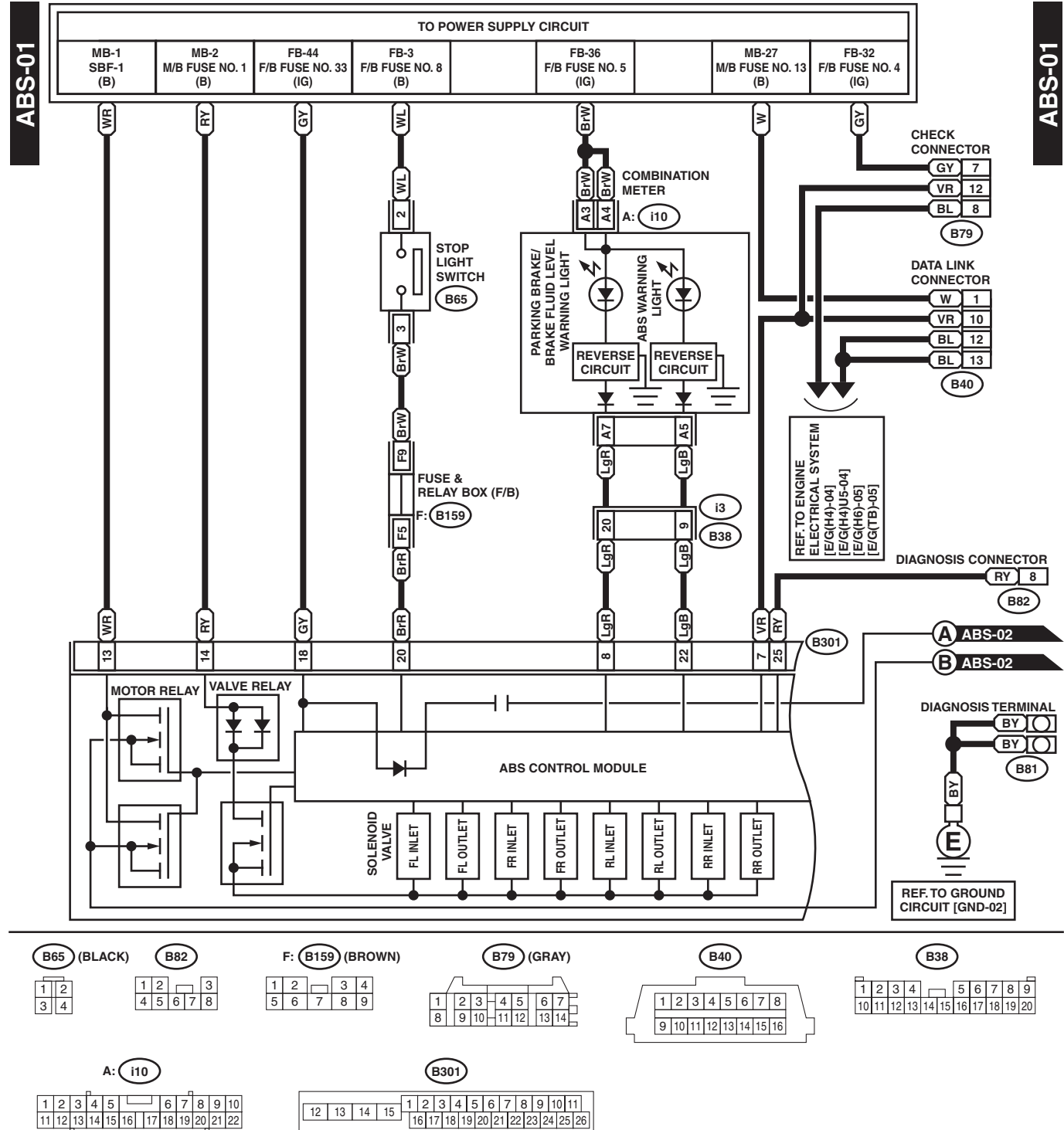
WI-05429

Anti-lock Brake System

WIRING SYSTEM

9. Anti-lock Brake System

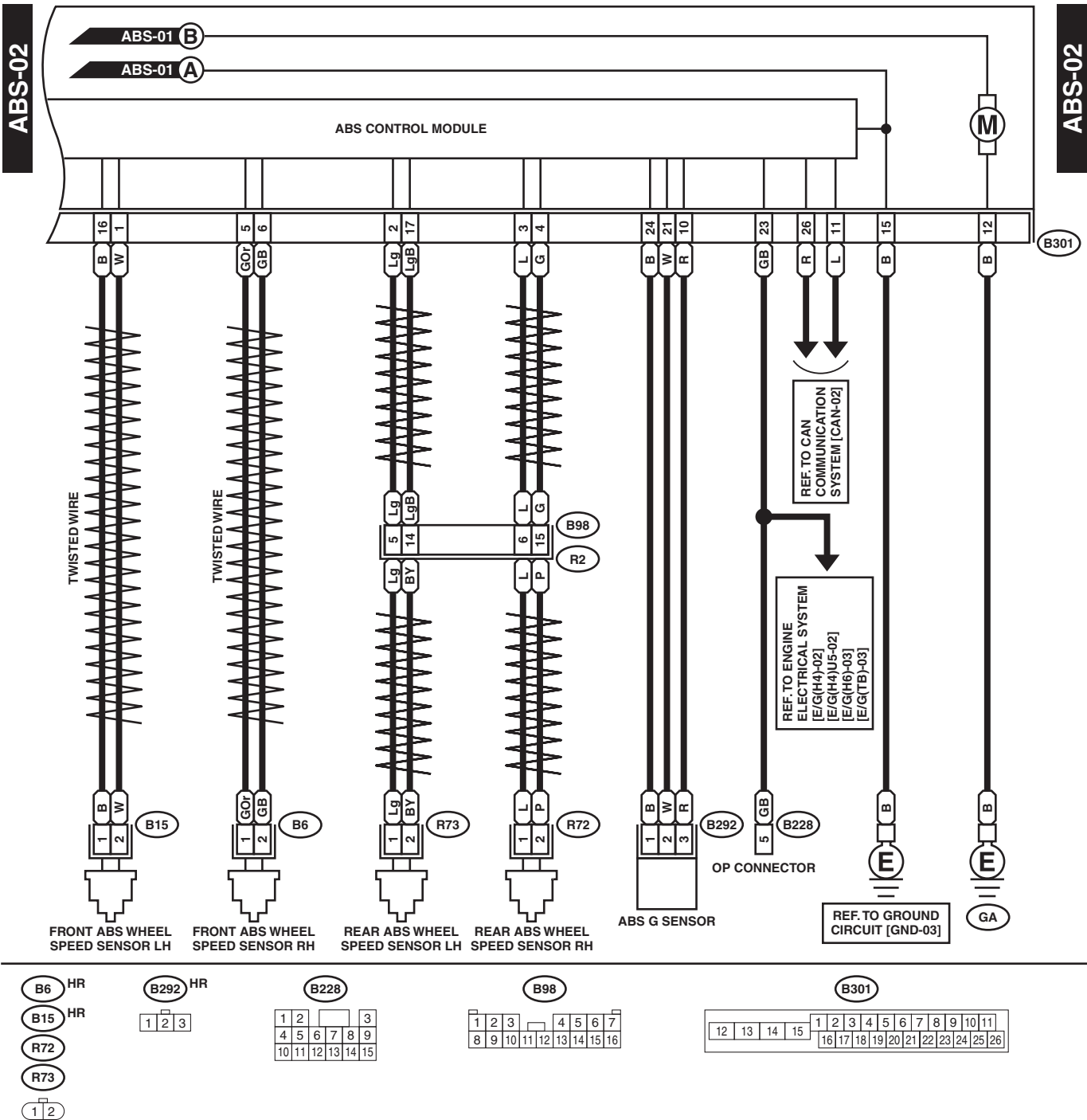
A: WIRING DIAGRAM



WI-05279

Anti-lock Brake System

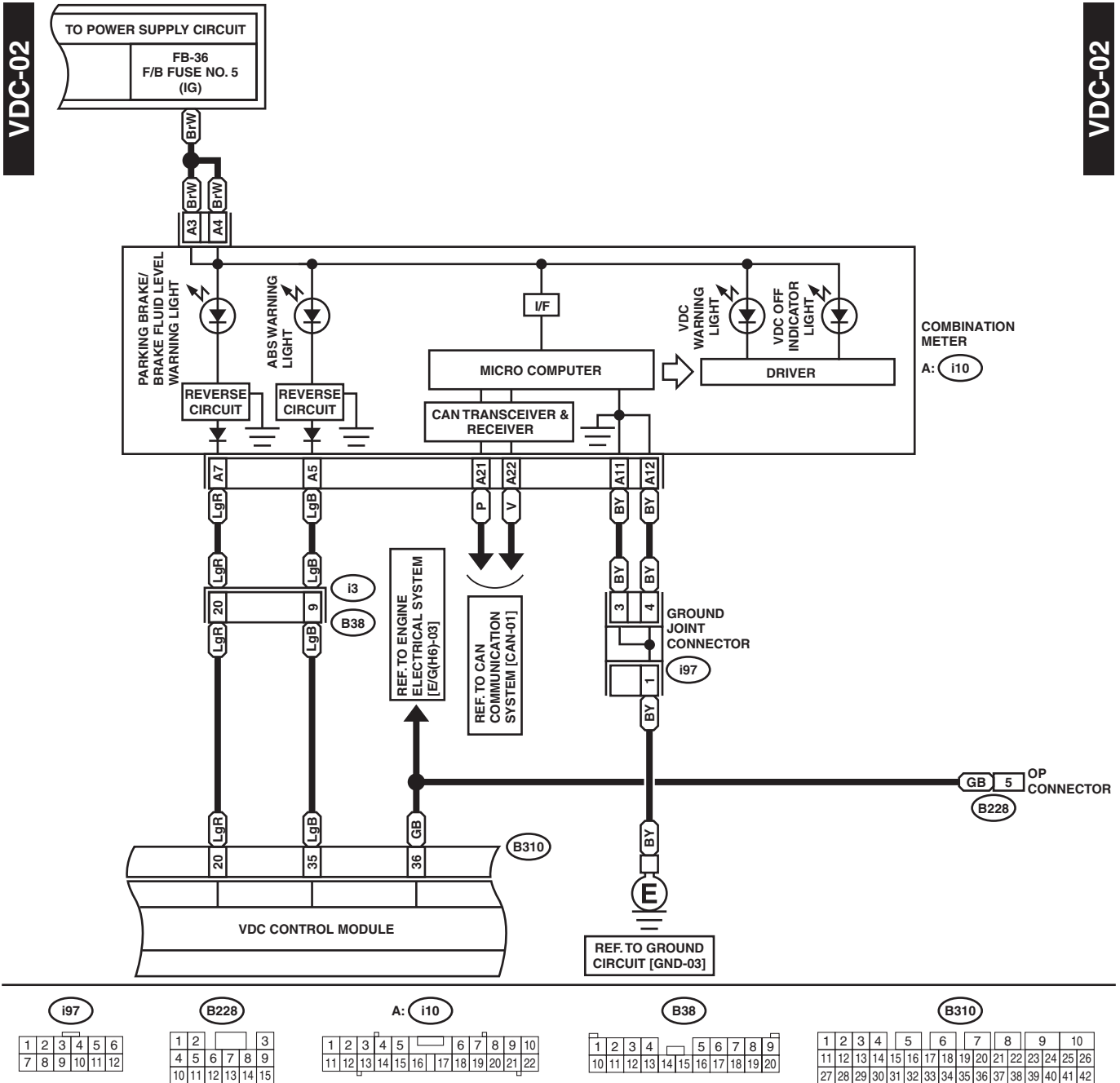
WIRING SYSTEM



WI-05280

A: WIRING DIAGRAM

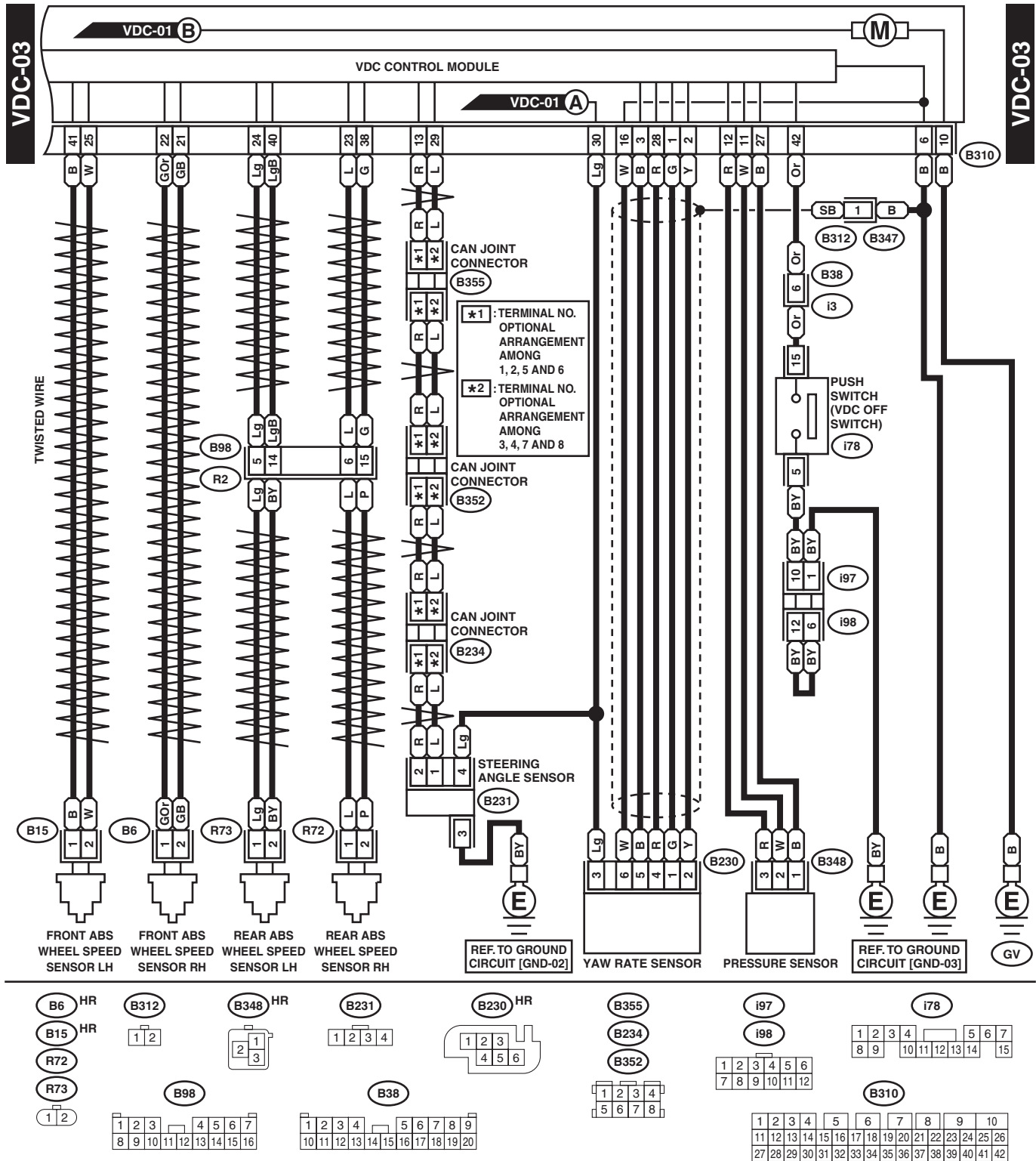




WI-05408

Vehicle Dynamics Control System

WIRING SYSTEM

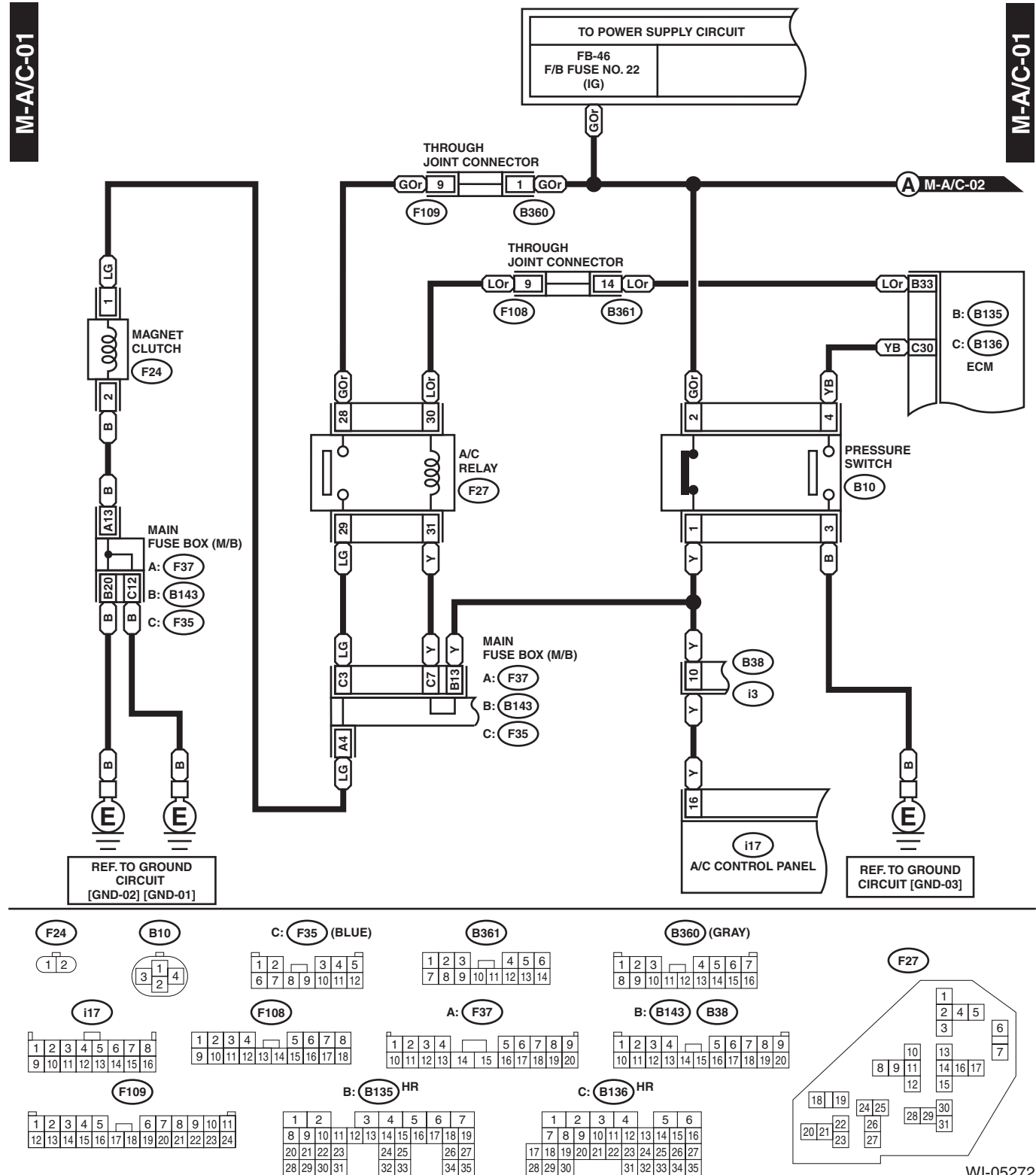


WI-05409

11. Air Conditioning System

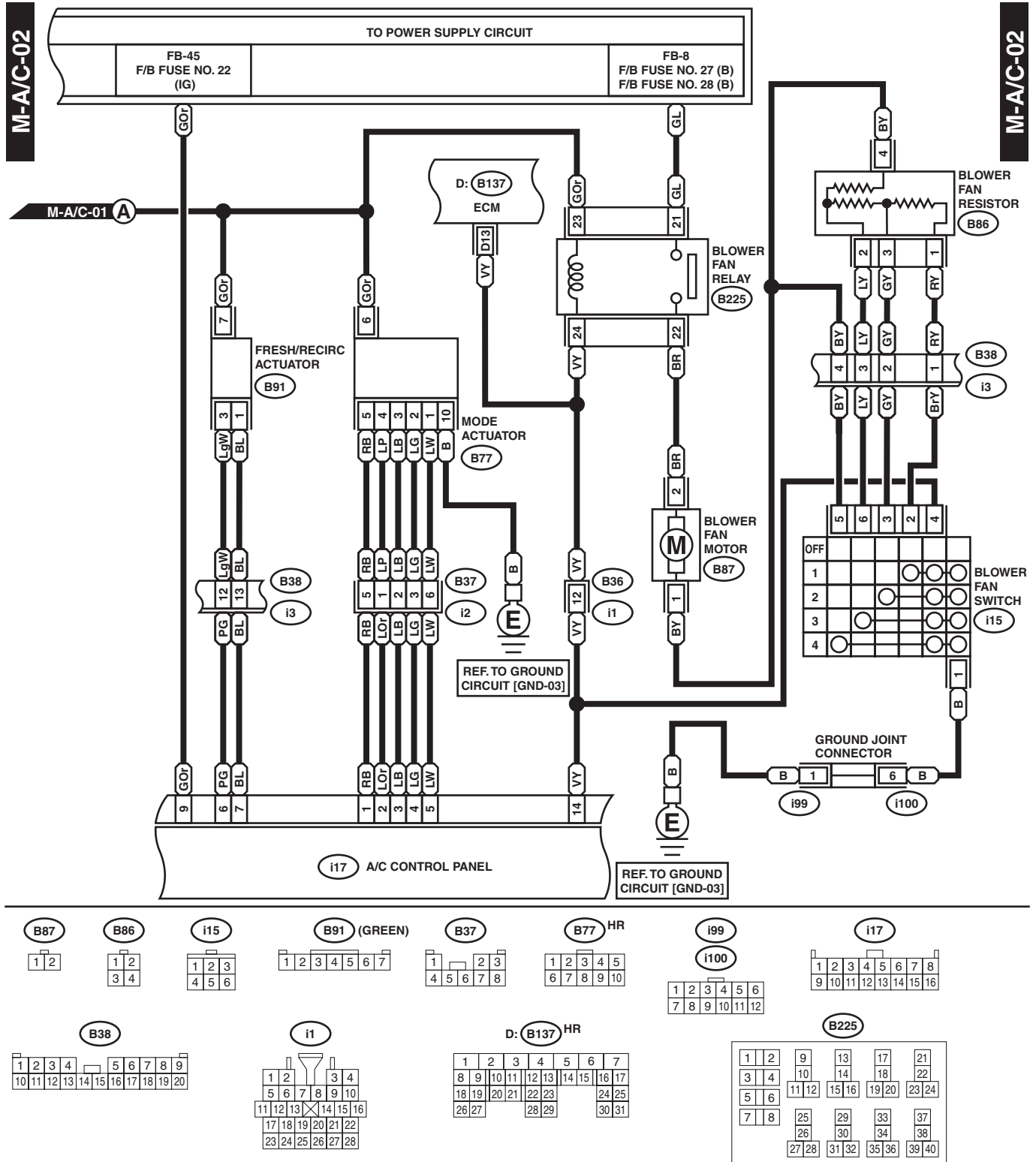
A: WIRING DIAGRAM

1. MANUAL A/C MODEL



Air Conditioning System

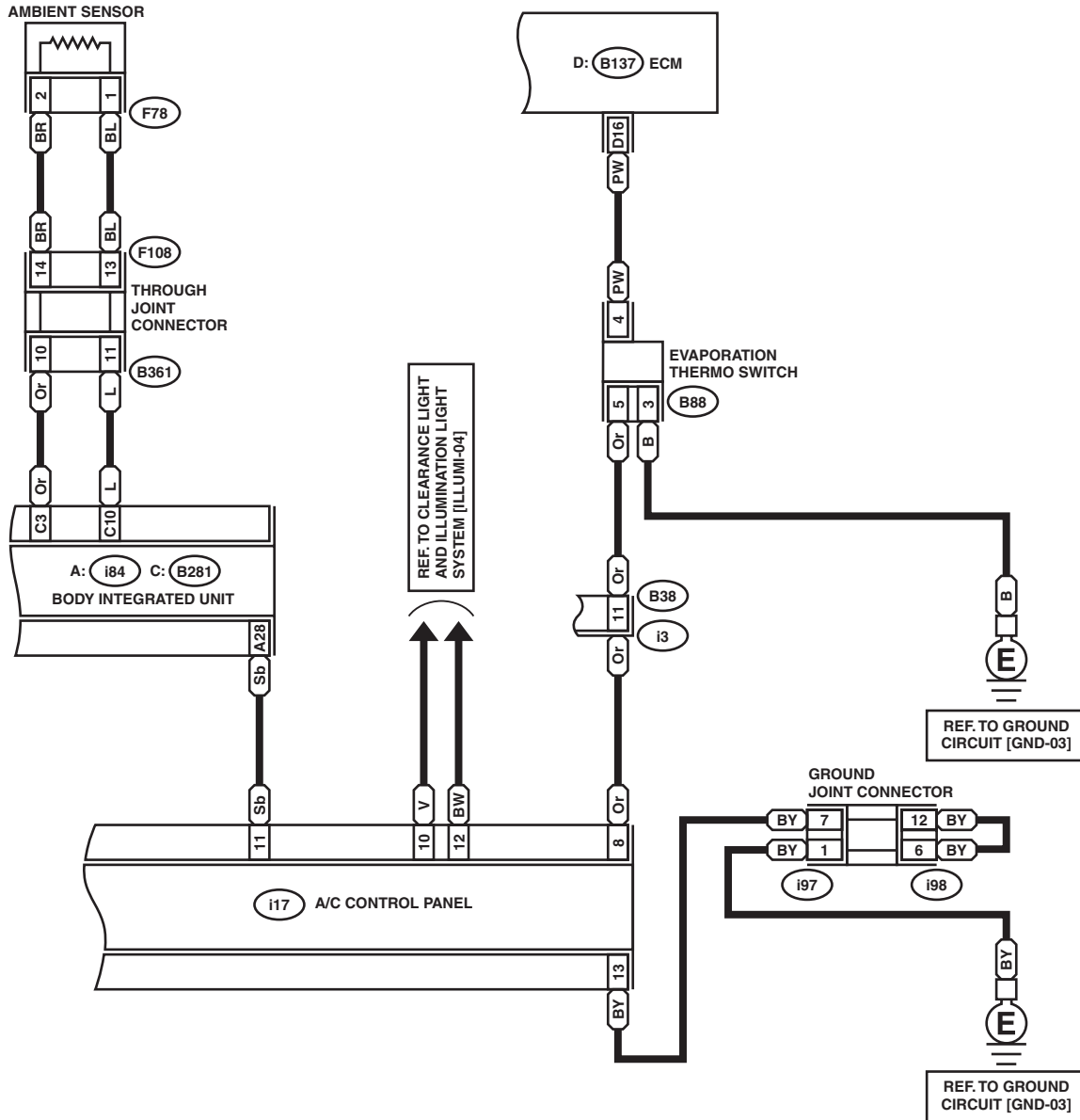
WIRING SYSTEM



WI-05273

M-A/C-03

M-A/C-03



F78 (BLACK)

1	2
---	---

B88

1	2	3	4	5
---	---	---	---	---

i97

1	2	3	4	5	6
---	---	---	---	---	---

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

B361

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

i17

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

F108

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

B38

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: B281 HR

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 HR

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

A: i84 HR

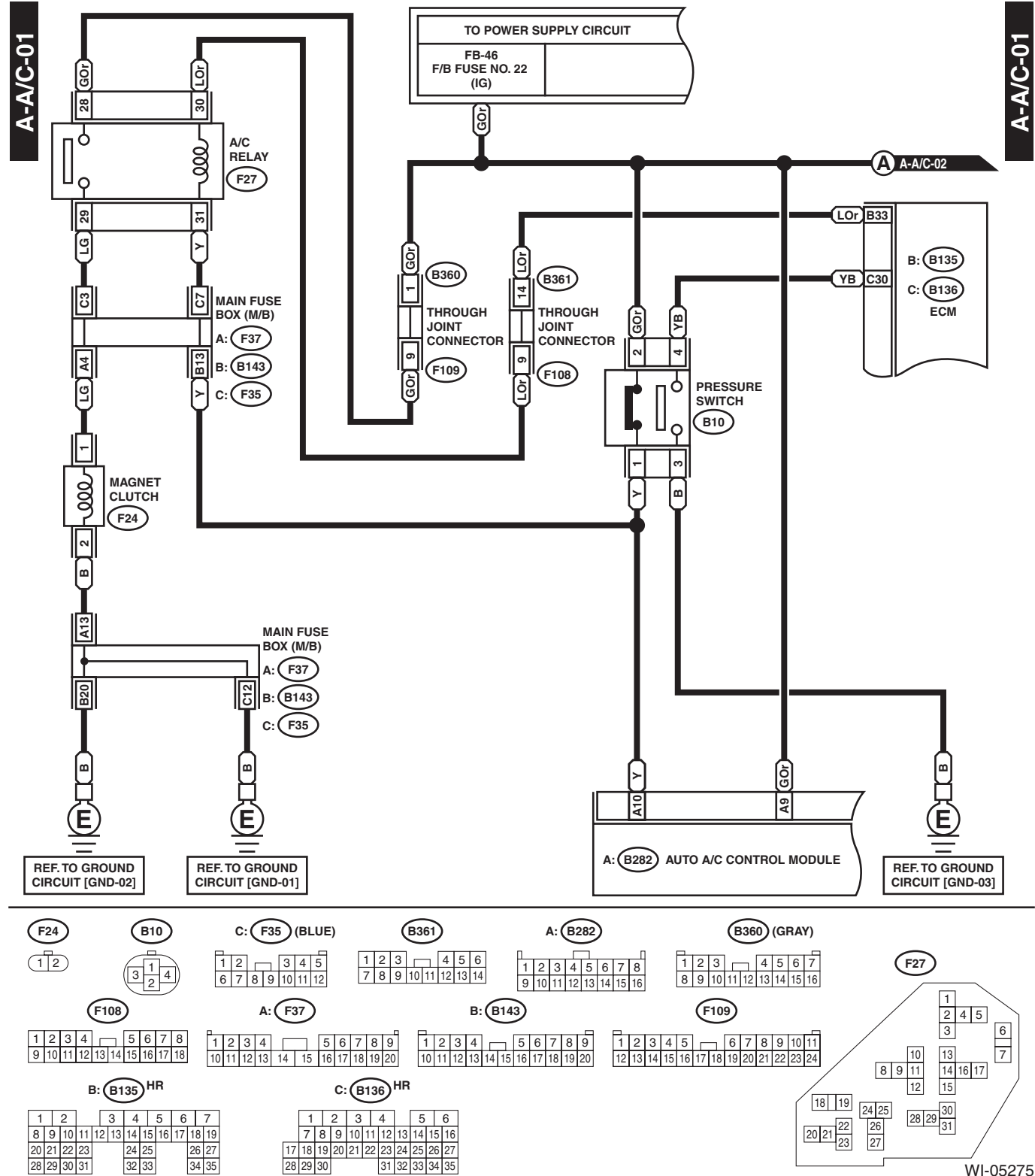
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40

WI-05274

Air Conditioning System

WIRING SYSTEM

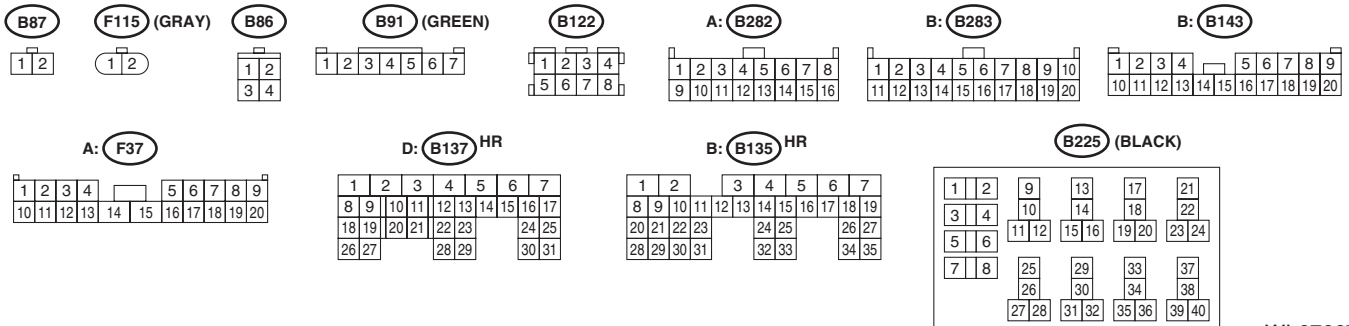
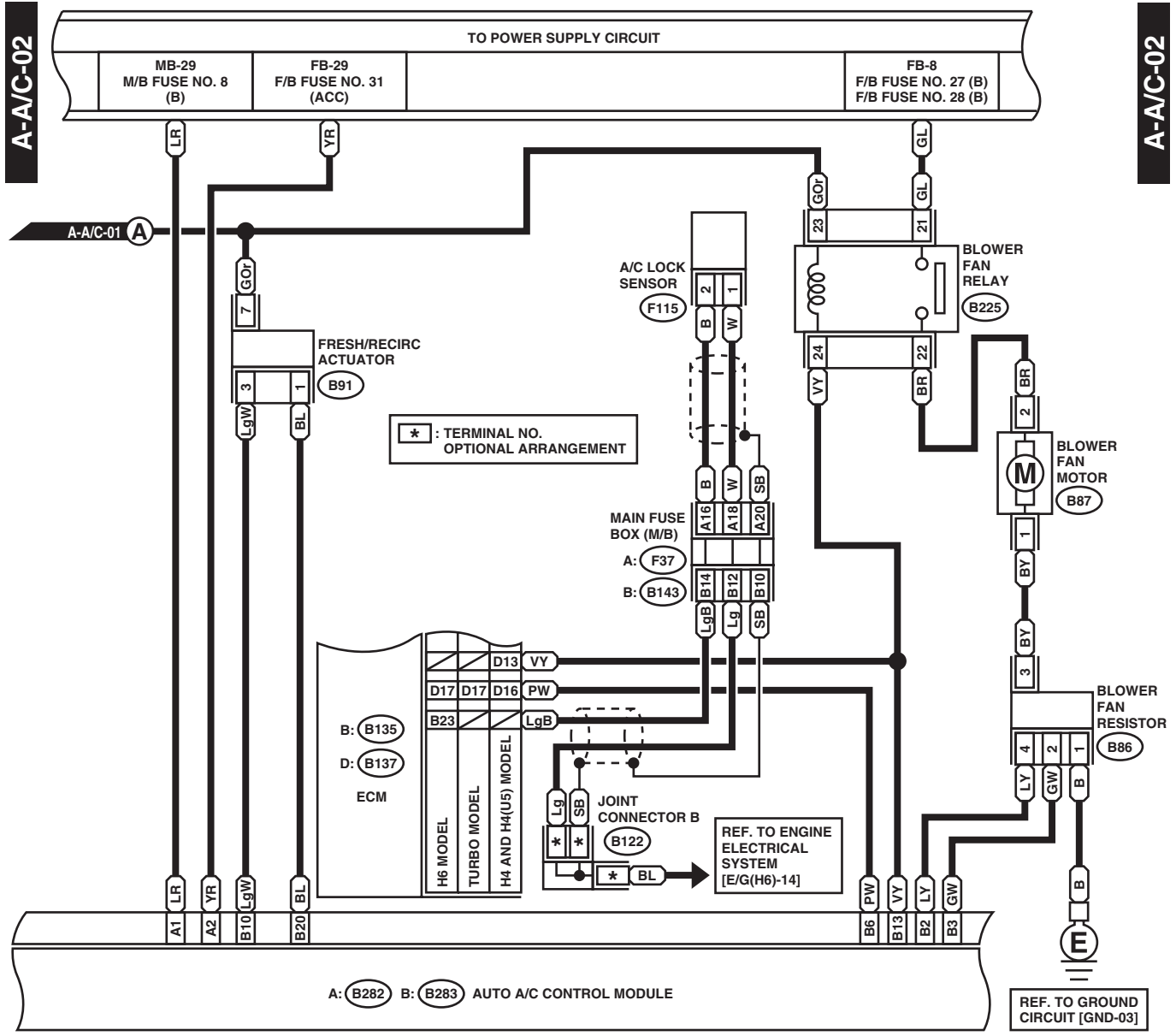
2. AUTO A/C MODEL



WI-05275

Air Conditioning System

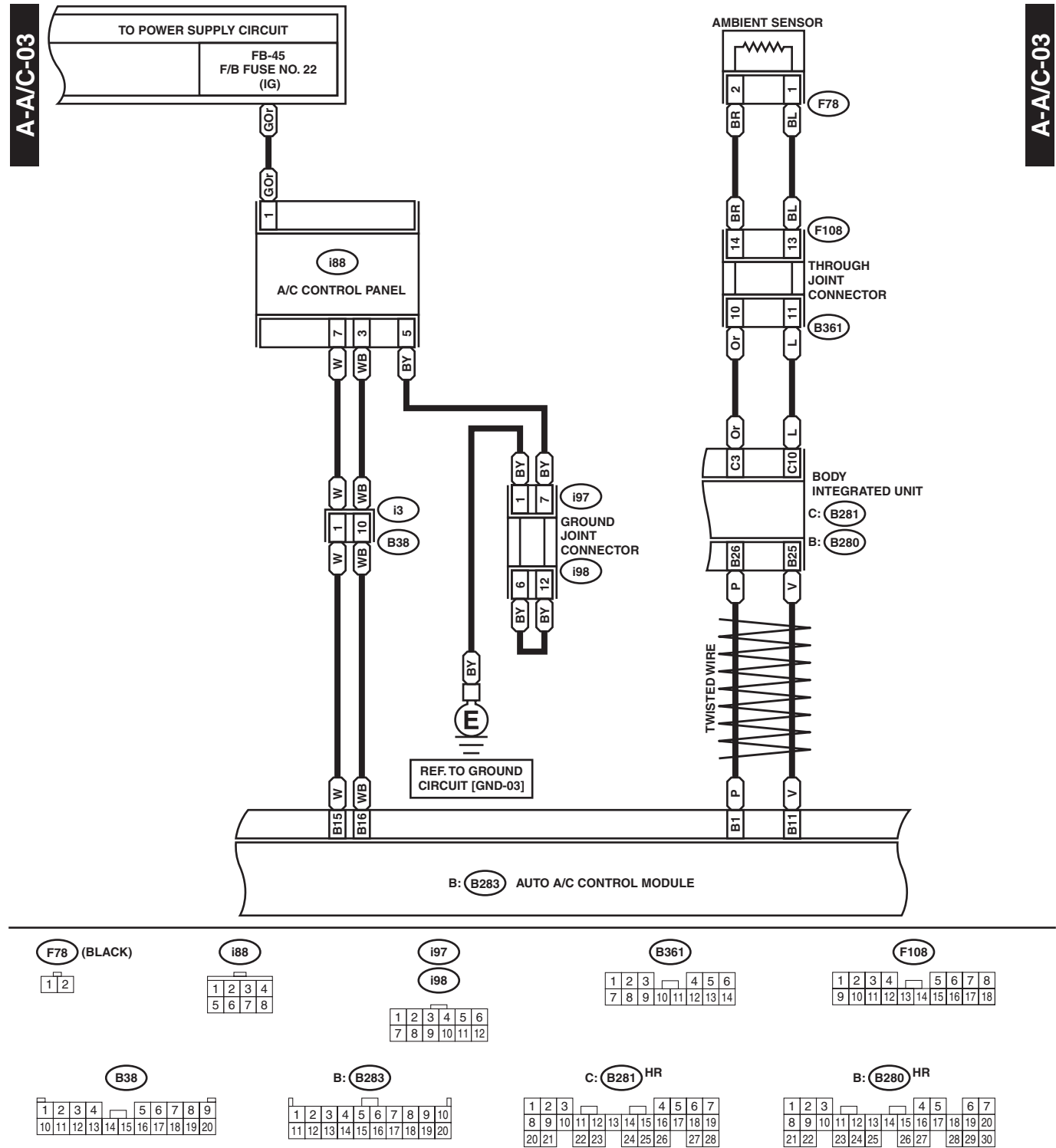
WIRING SYSTEM



WI-07667

Air Conditioning System

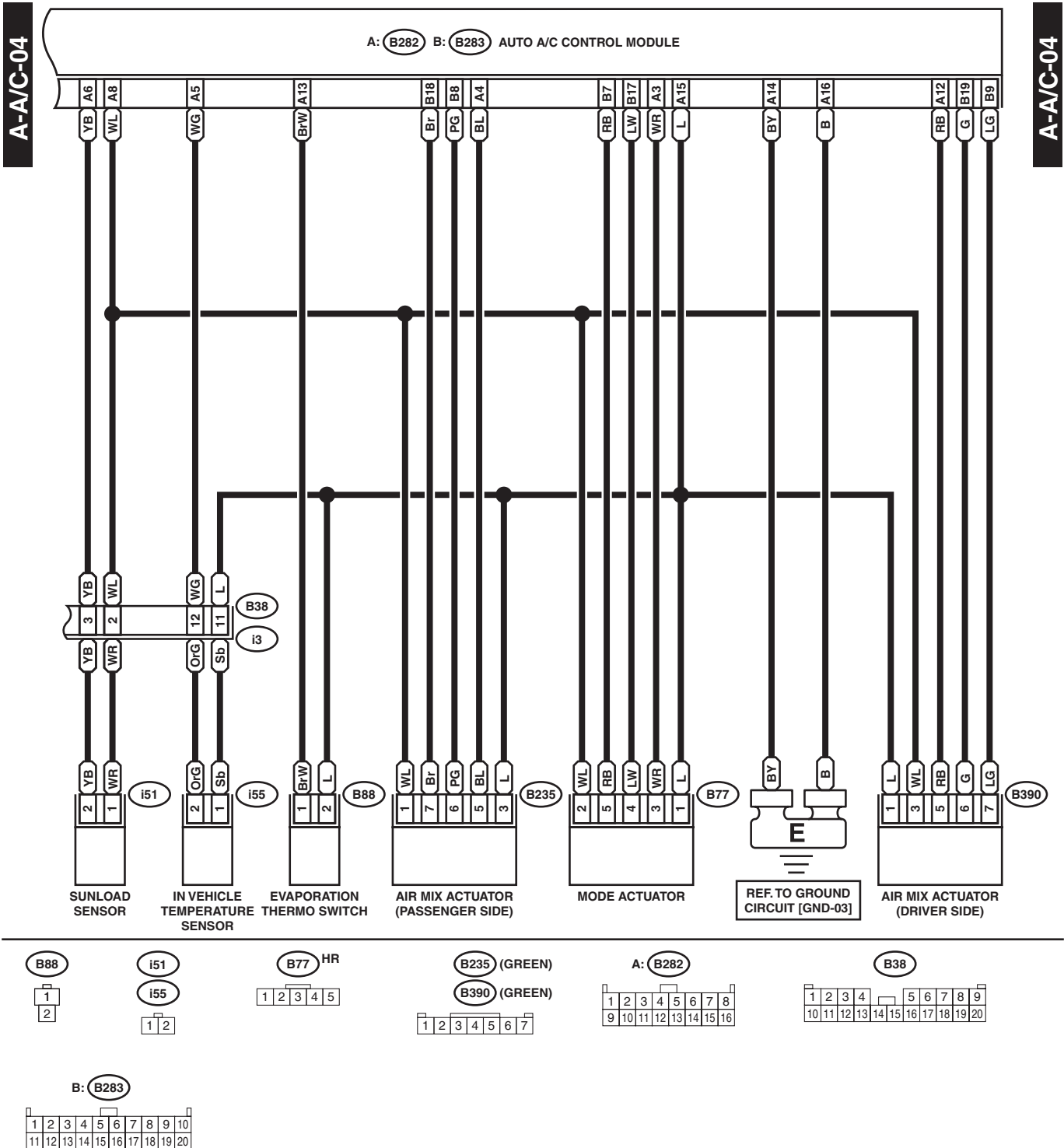
WIRING SYSTEM



WI-05277

Air Conditioning System

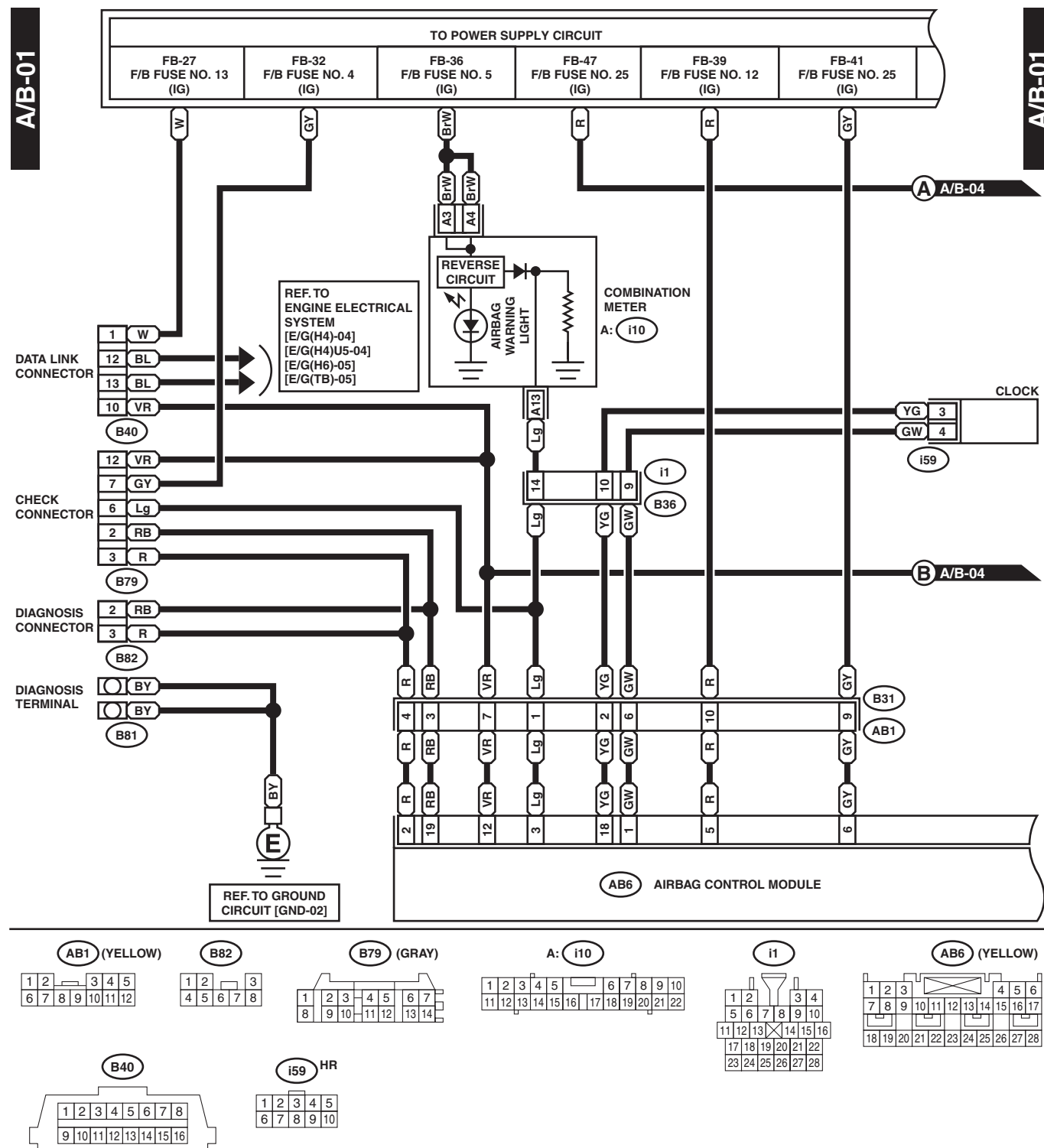
WIRING SYSTEM



WI-05278

12. Airbag System

A: WIRING DIAGRAM

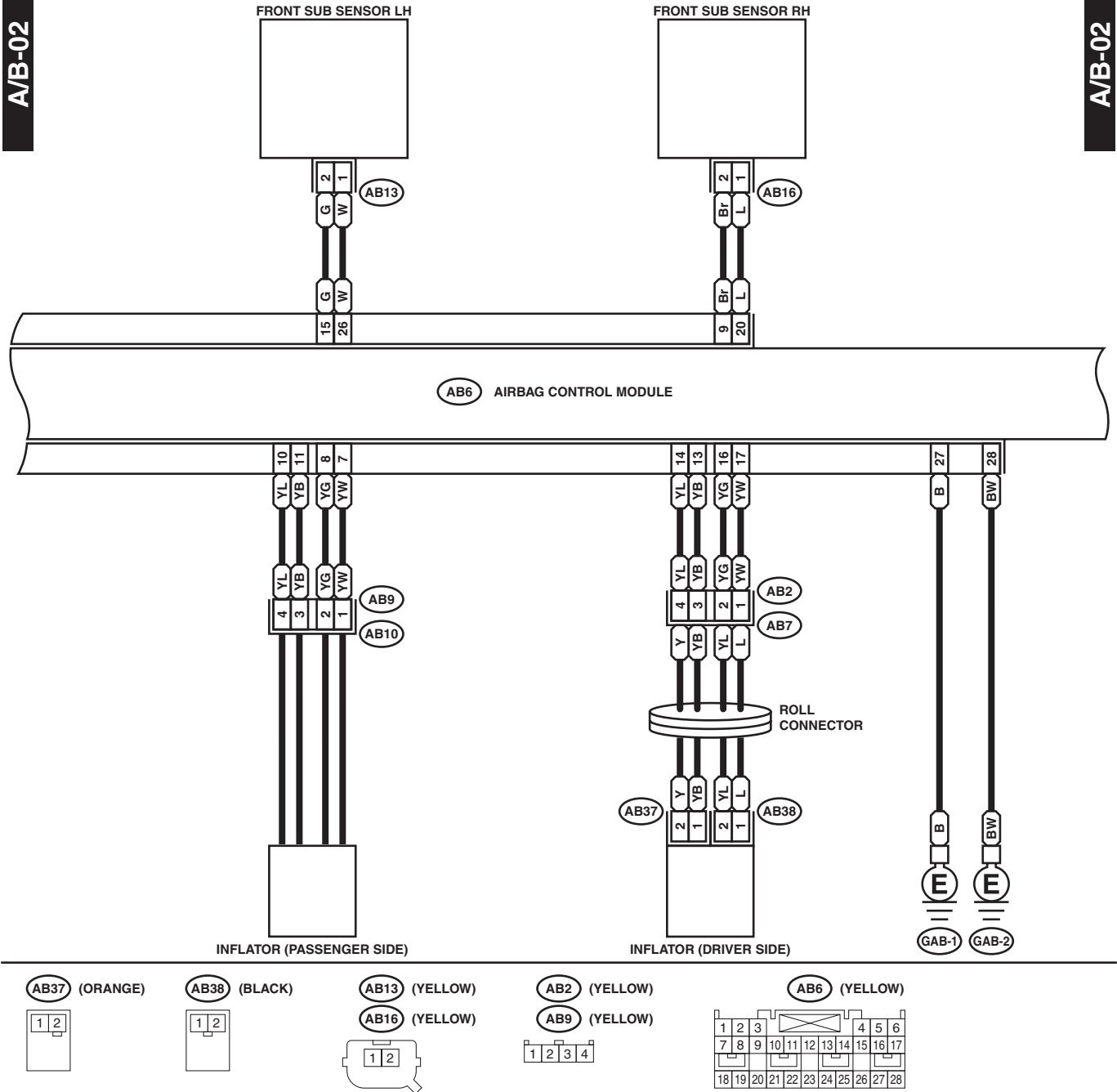


Airbag System

WIRING SYSTEM

A/B-02

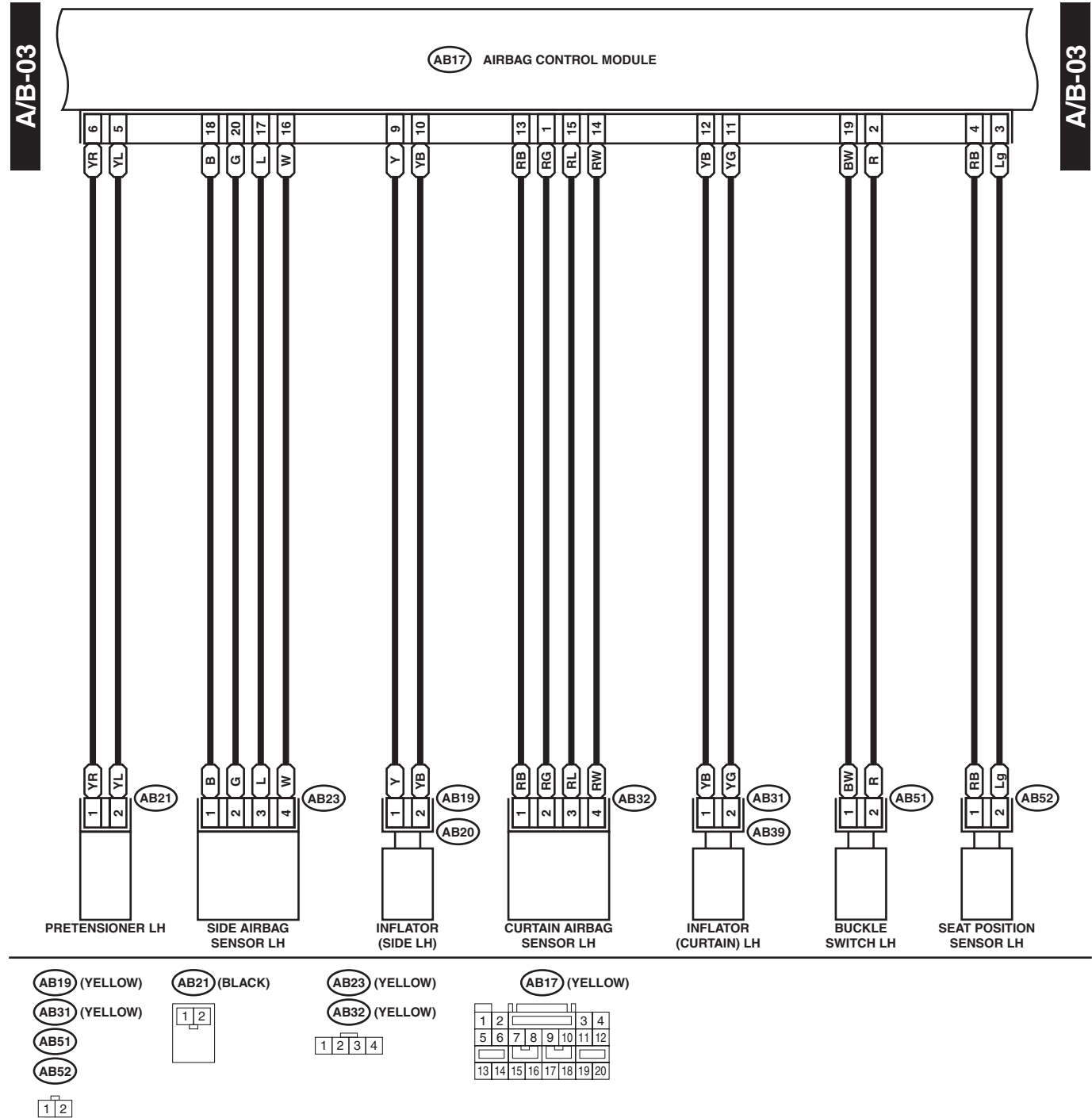
A/B-02



WI-05269

Airbag System

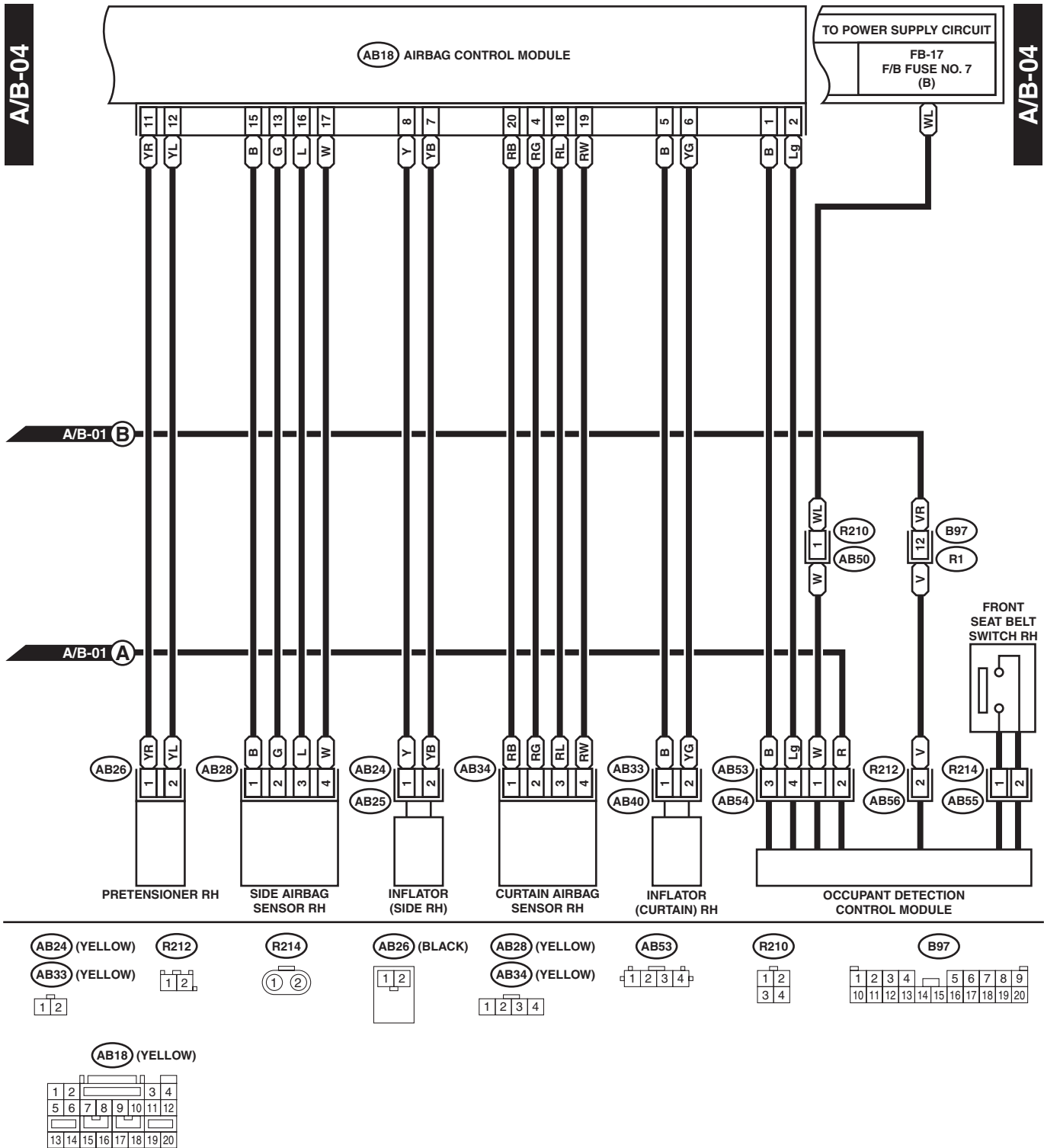
WIRING SYSTEM



WI-05270

Airbag System

WIRING SYSTEM

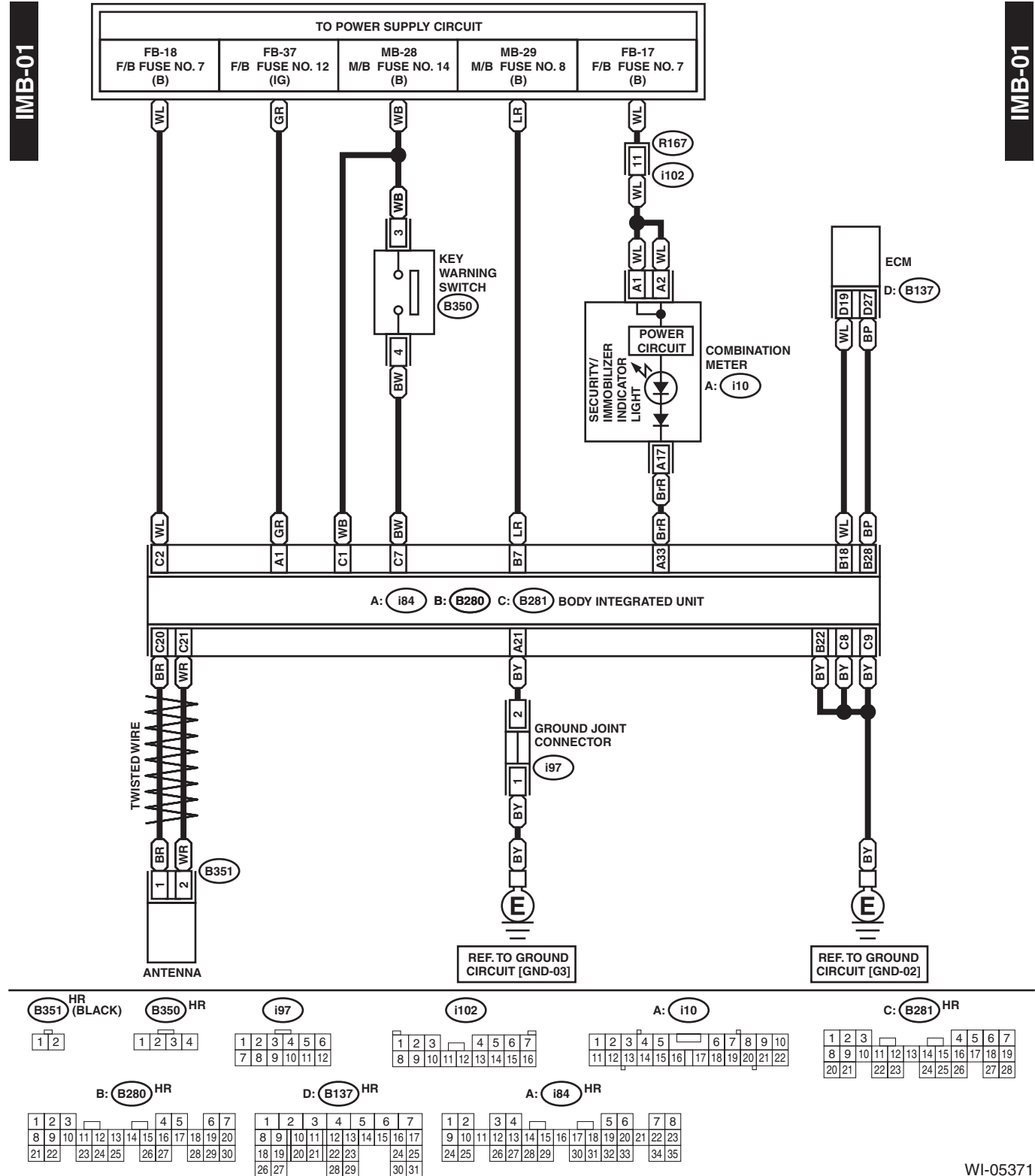


Immobilizer System

WIRING SYSTEM

13. Immobilizer System

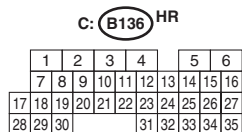
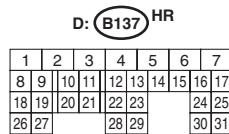
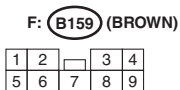
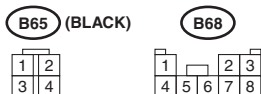
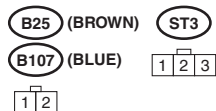
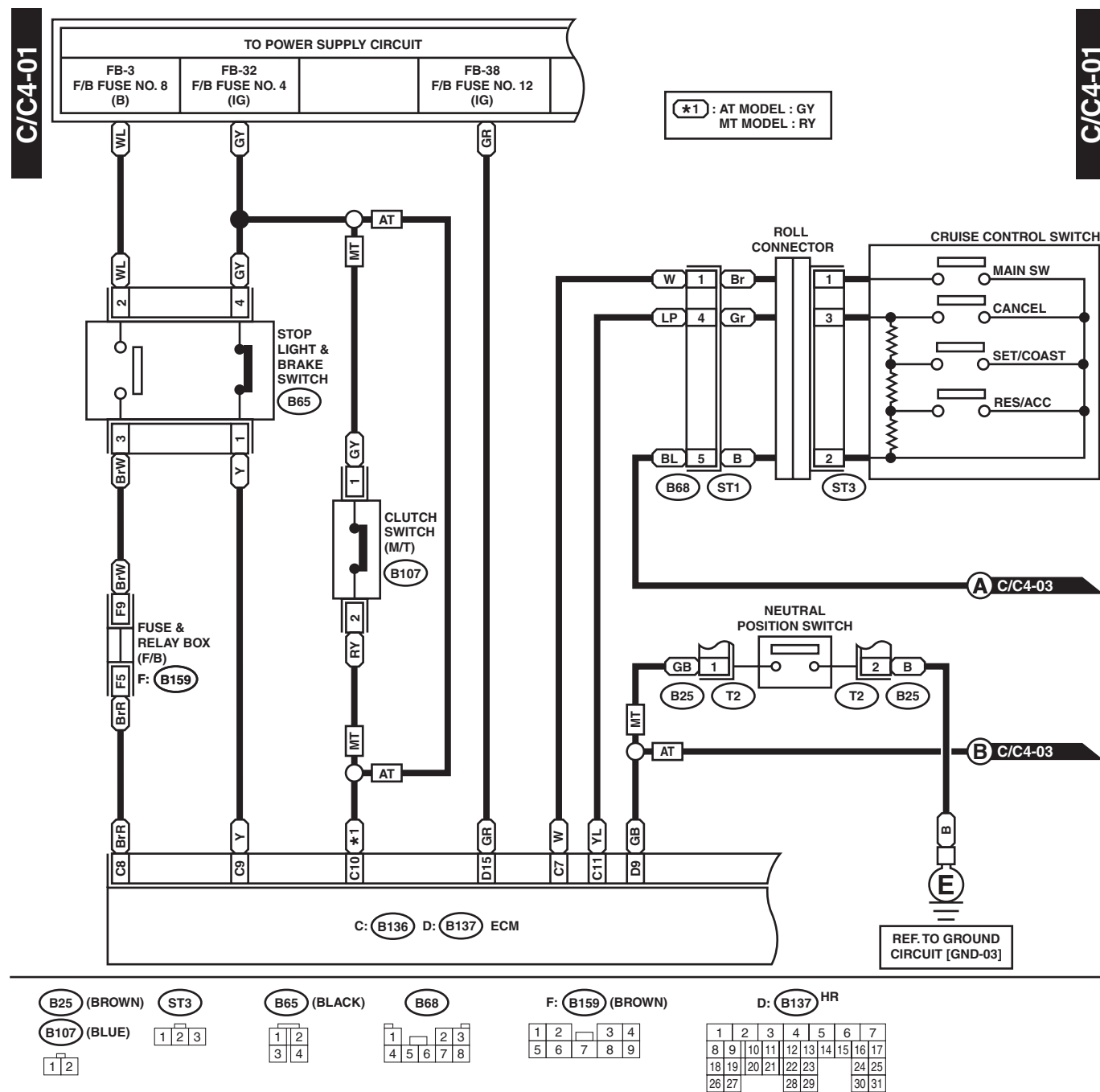
A: WIRING DIAGRAM



14. Cruise Control System

A: WIRING DIAGRAM

1. 2.5 L NON-TURBO MODEL

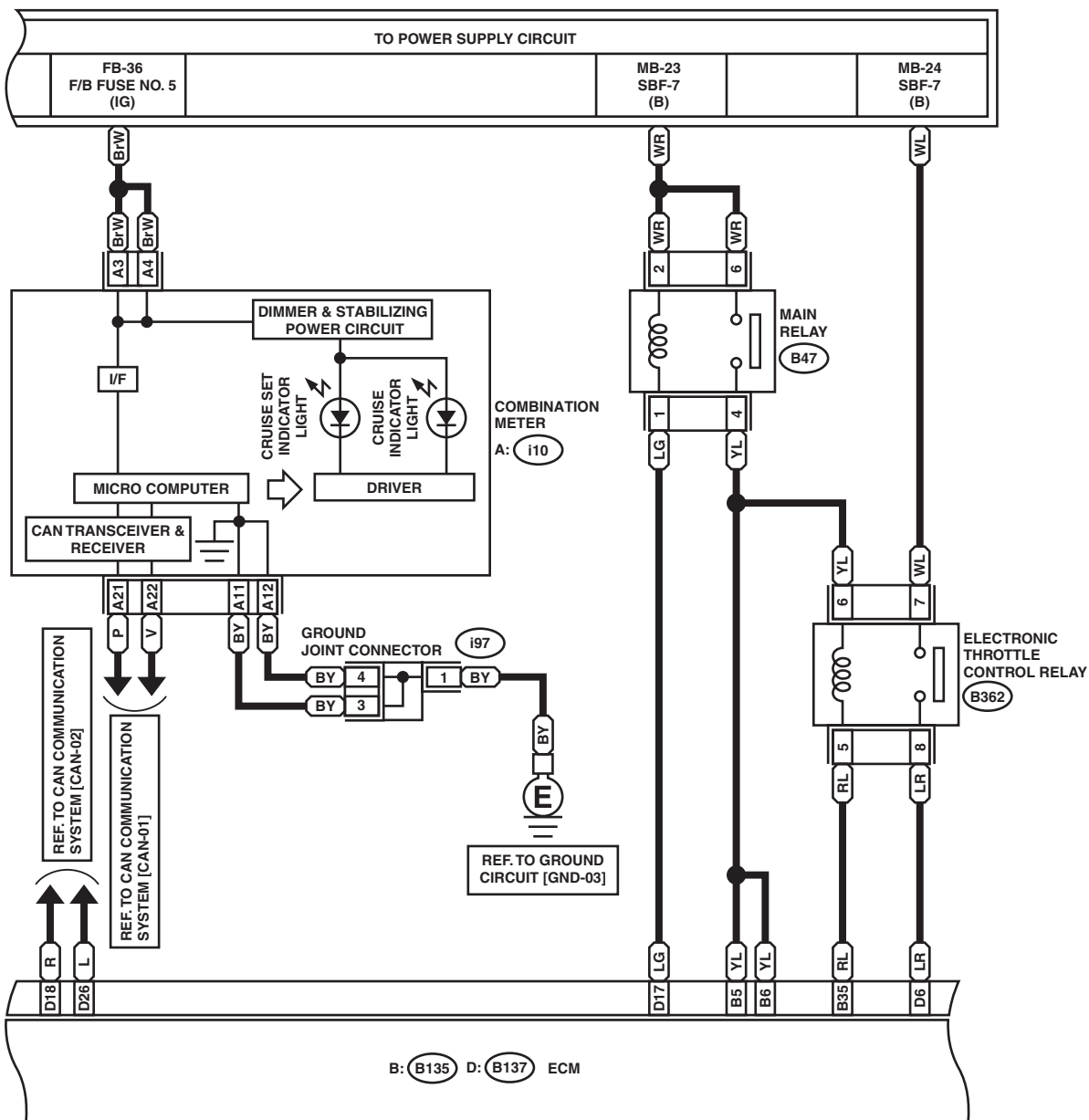


Cruise Control System

WIRING SYSTEM

C/C4-02

C/C4-02



B47 (BROWN)

1	2
3	4
5	6

B362

1	2	3	4
5	6	7	8

i97

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

A: i10

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

D: B137 HR

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

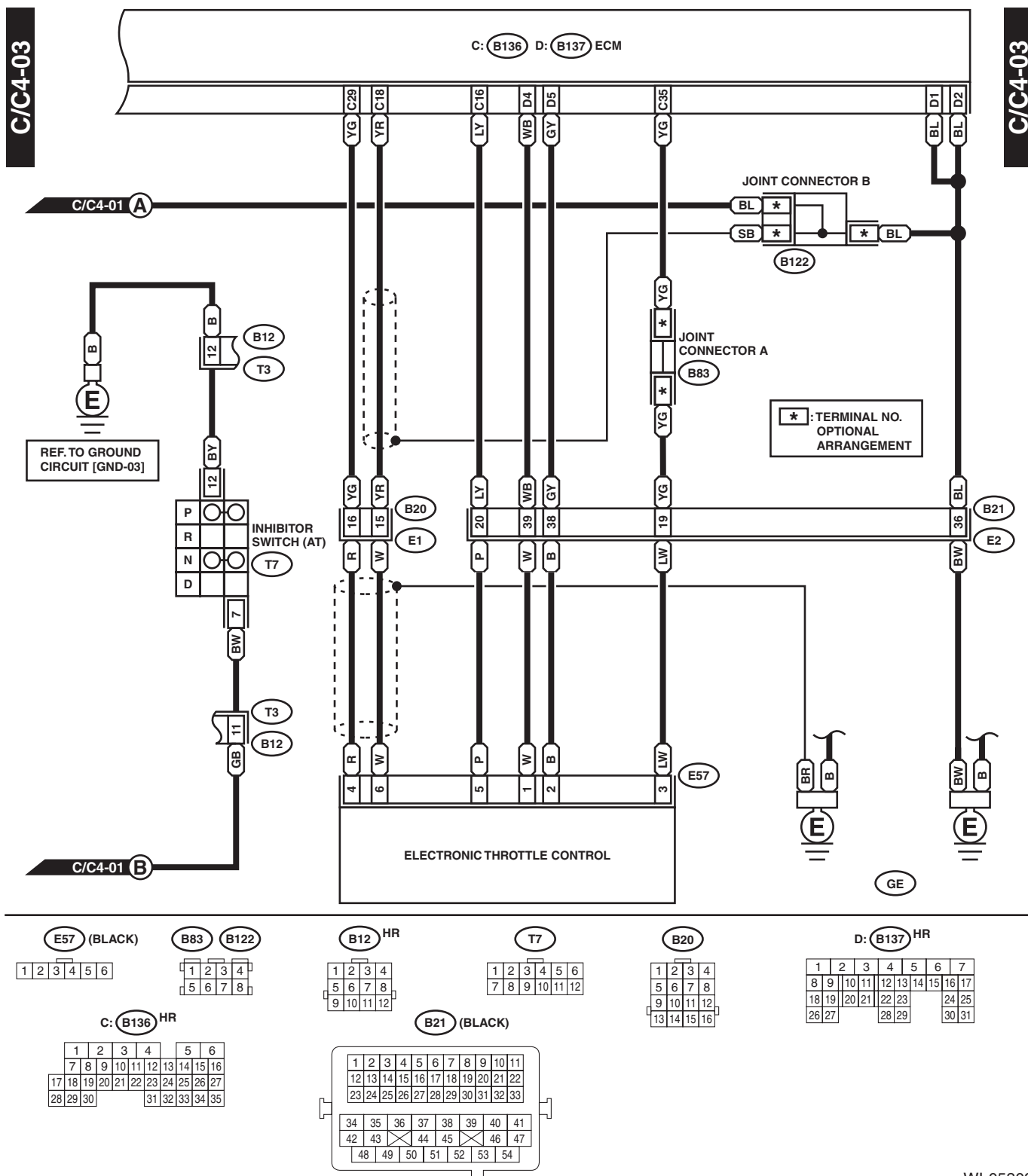
B: B135 HR

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

WI-05308

Cruise Control System

WIRING SYSTEM

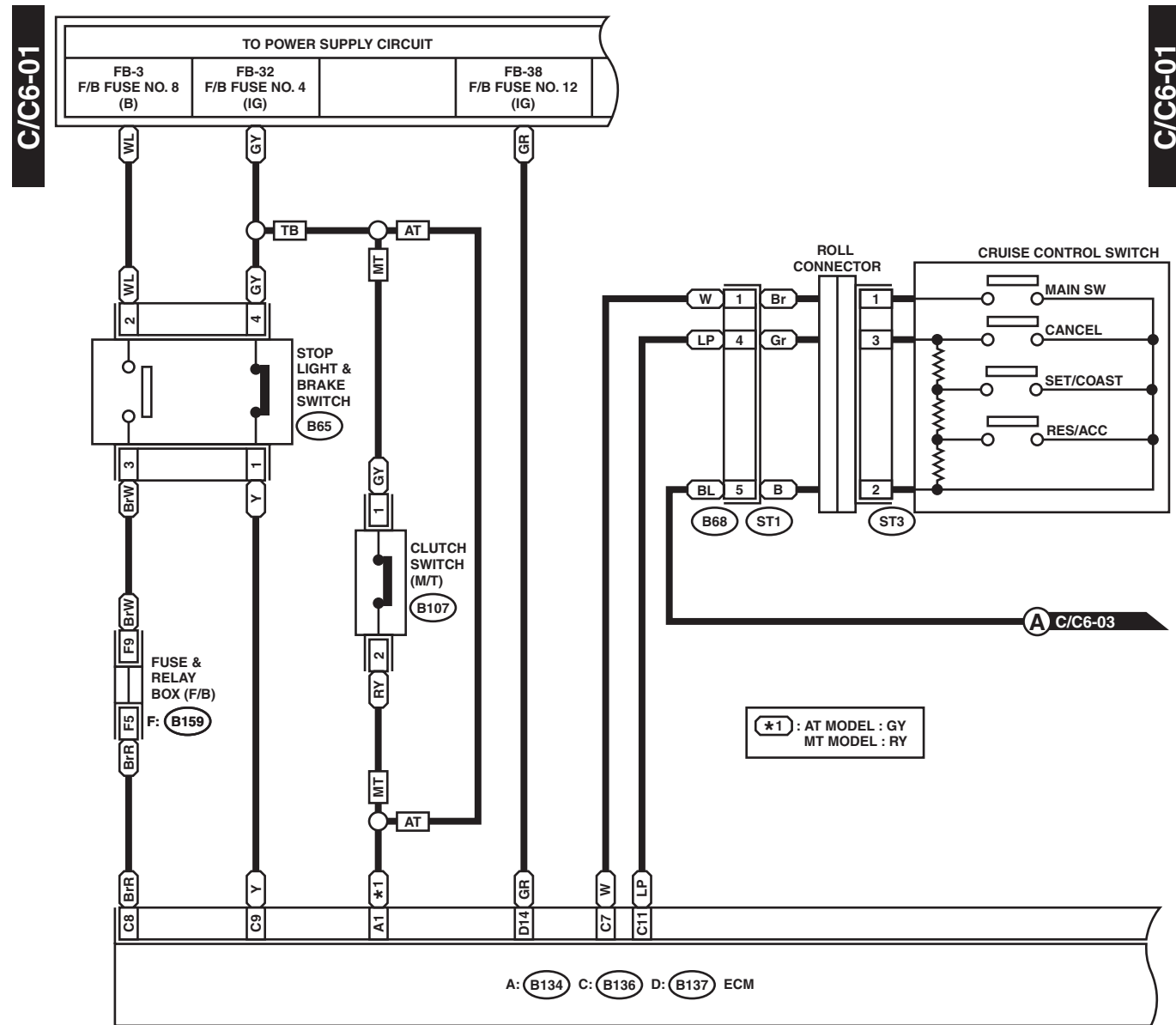


WI-05309

Cruise Control System

WIRING SYSTEM

2. 2.5 L TURBO MODEL AND 3.0 L MODEL



(B107) (BLUE)

1 2

(ST3)

1 2 3

(B65) (BLACK)

1 2
3 4

(B68)

1 2 3
4 5 6 7 8

F: (B159) (BROWN)

1 2 3 4
5 6 7 8 9

D: (B137) HR

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

A: (B134) HR

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

C: (B136) HR

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	

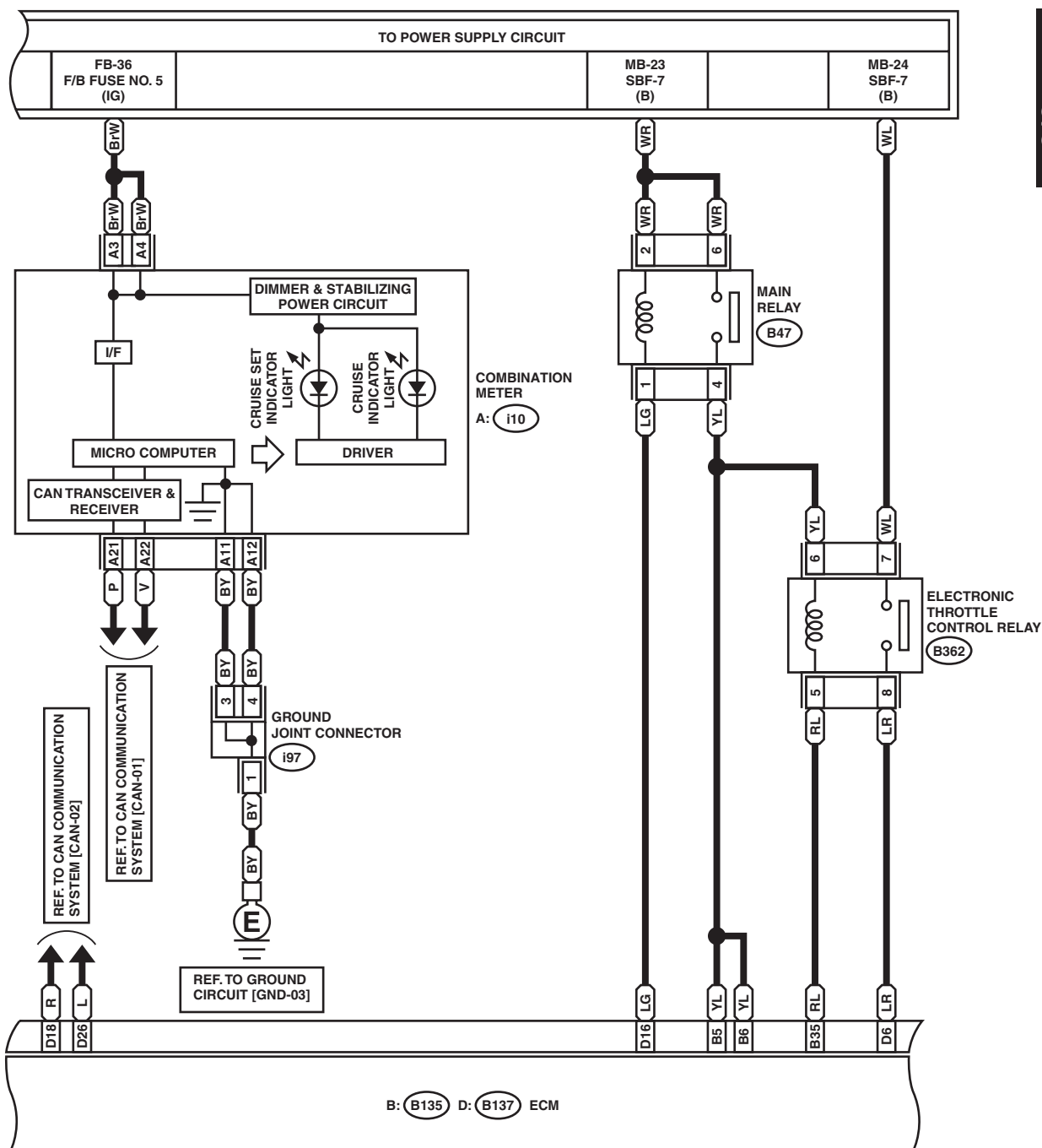
WI-05310

Cruise Control System

WIRING SYSTEM

C/C6-02

C/C6-02



B47 (BROWN)

1	2
3	4
5	6

B362

1	2	3
4	5	6
7	8	9

i97

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

A: i10

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

D: B137 HR

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

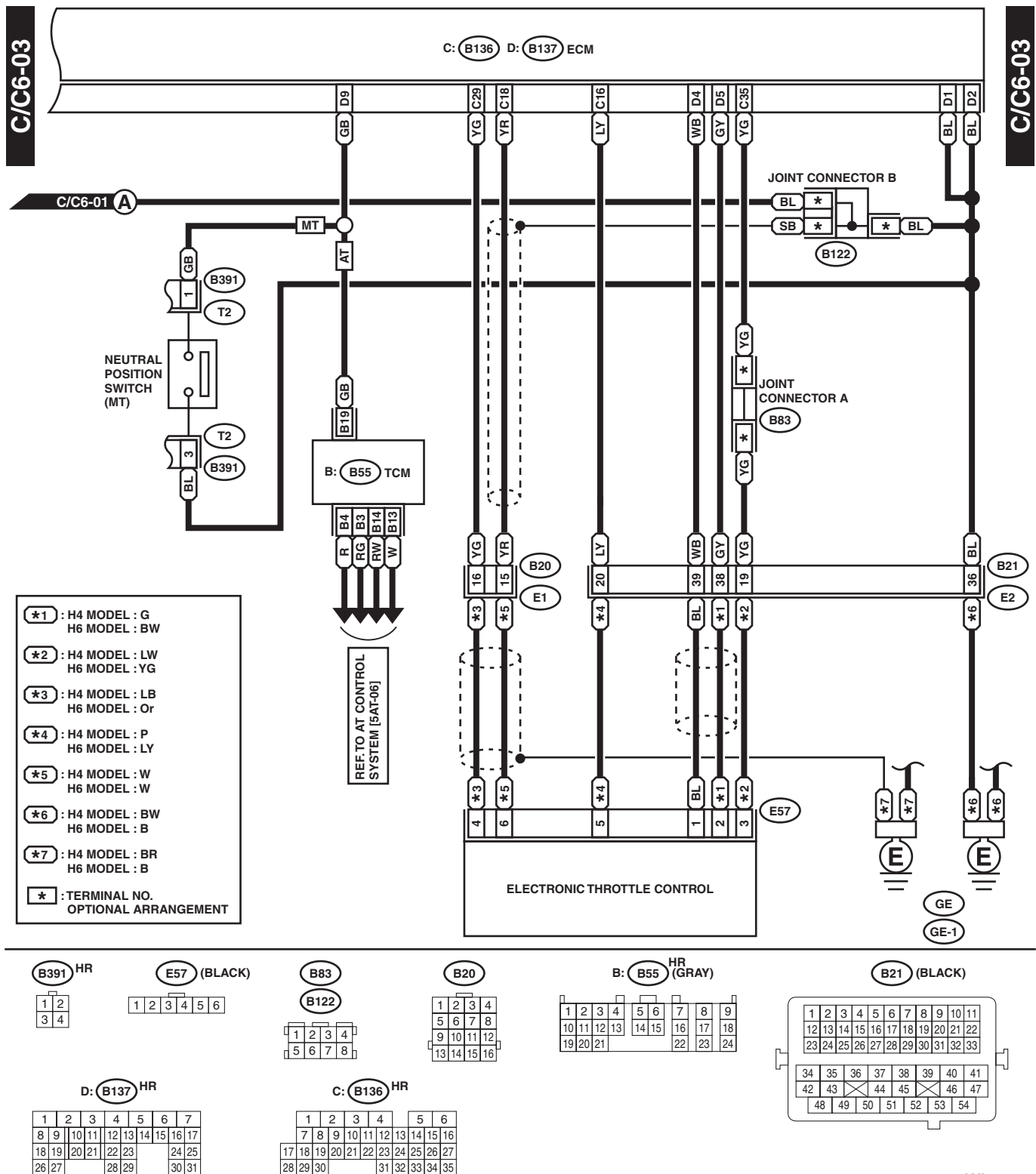
B: B135 HR

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

WI-05311

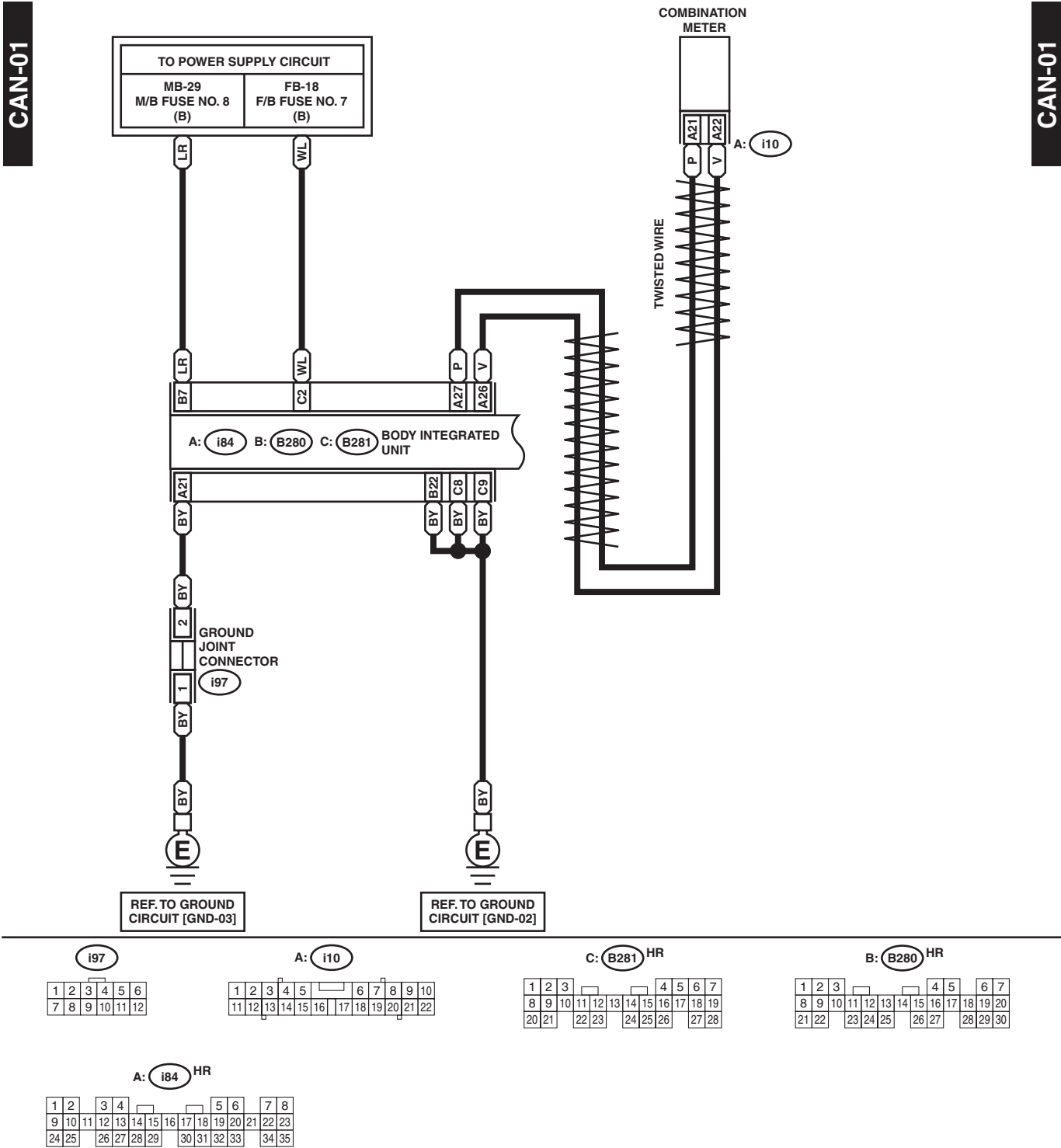
Cruise Control System

WIRING SYSTEM



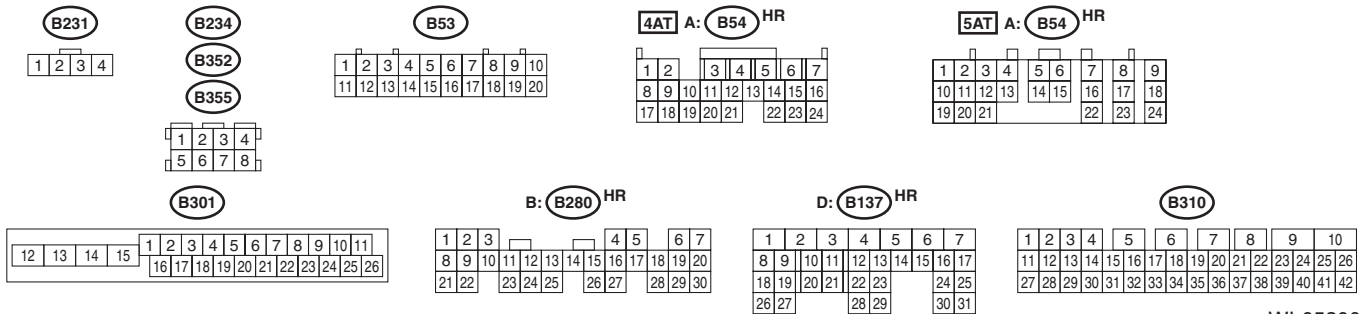
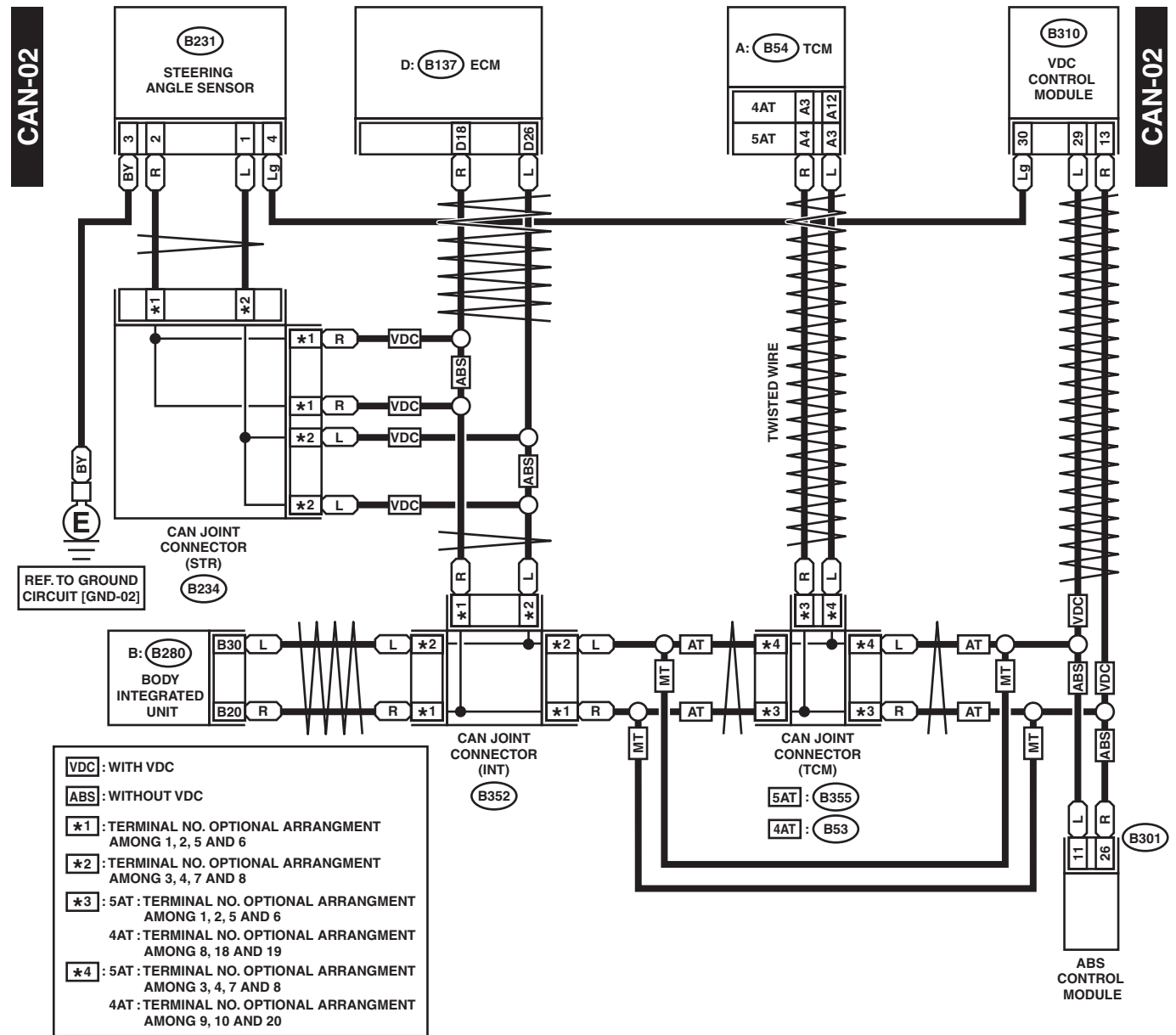
15.CAN Communication System

A: WIRING DIAGRAM



CAN Communication System

WIRING SYSTEM

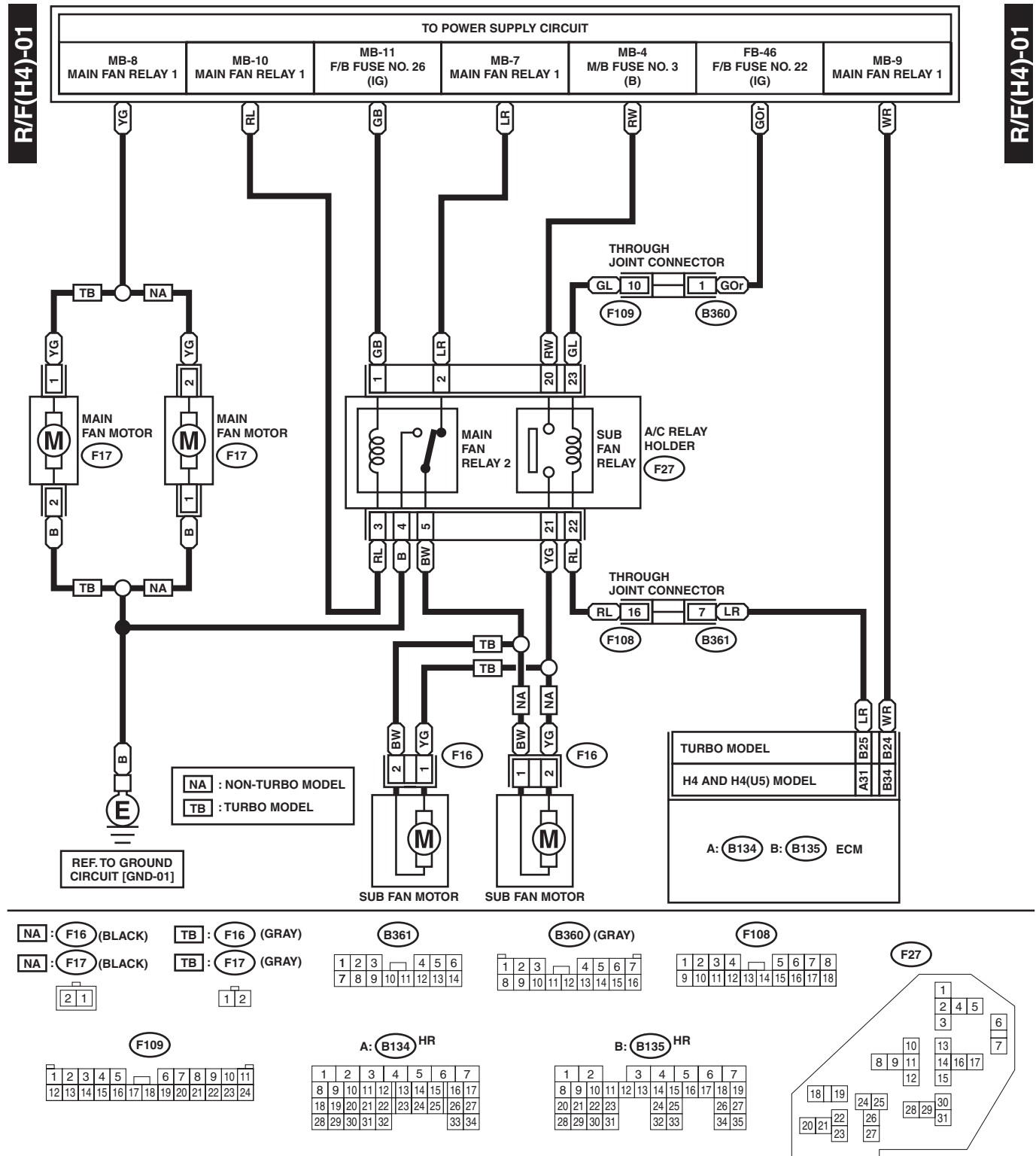


WI-05300

16. Radiator Fan System

A: WIRING DIAGRAM

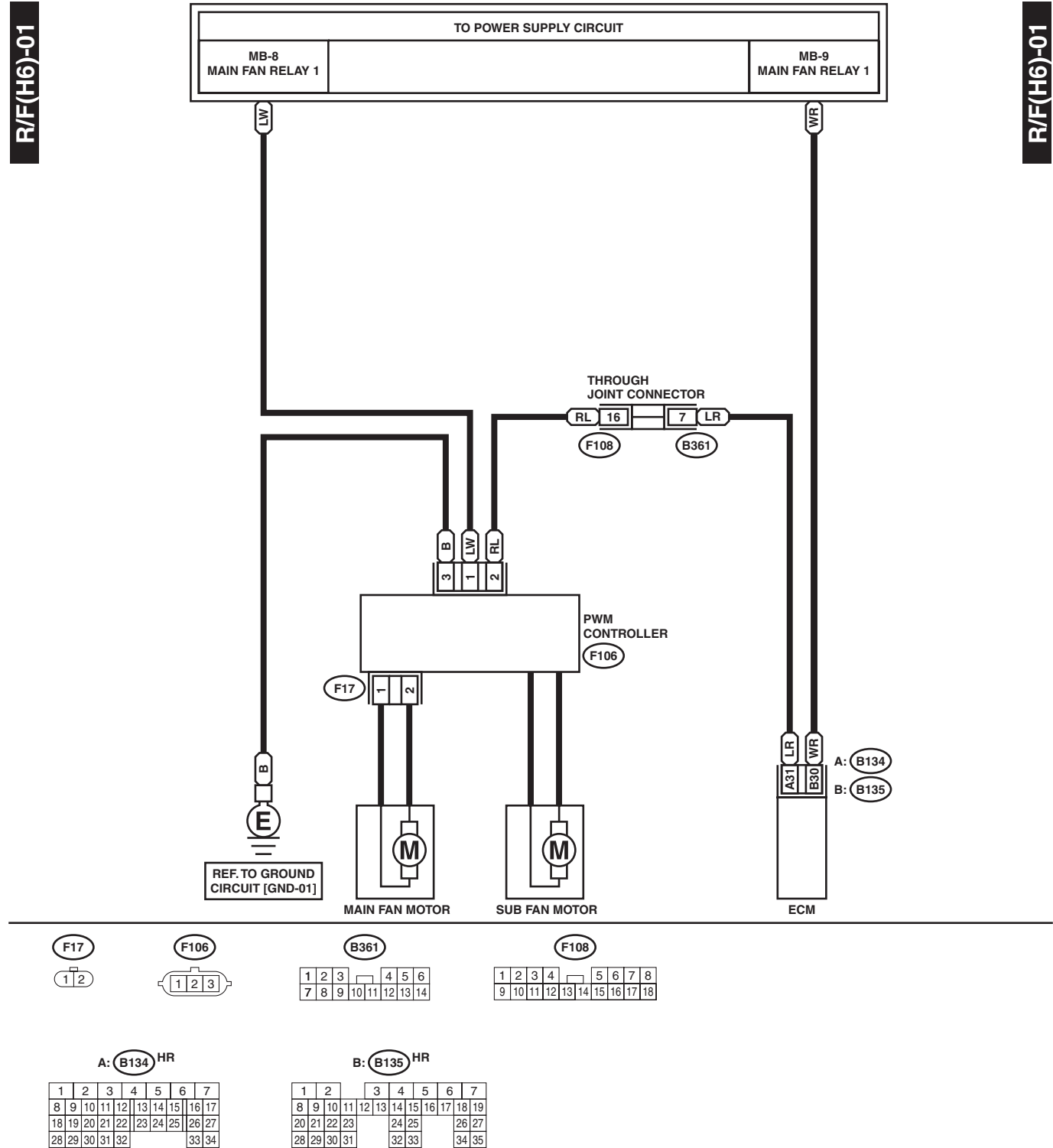
1. 2.5 L MODEL



Radiator Fan System

WIRING SYSTEM

2. 3.0 L MODEL



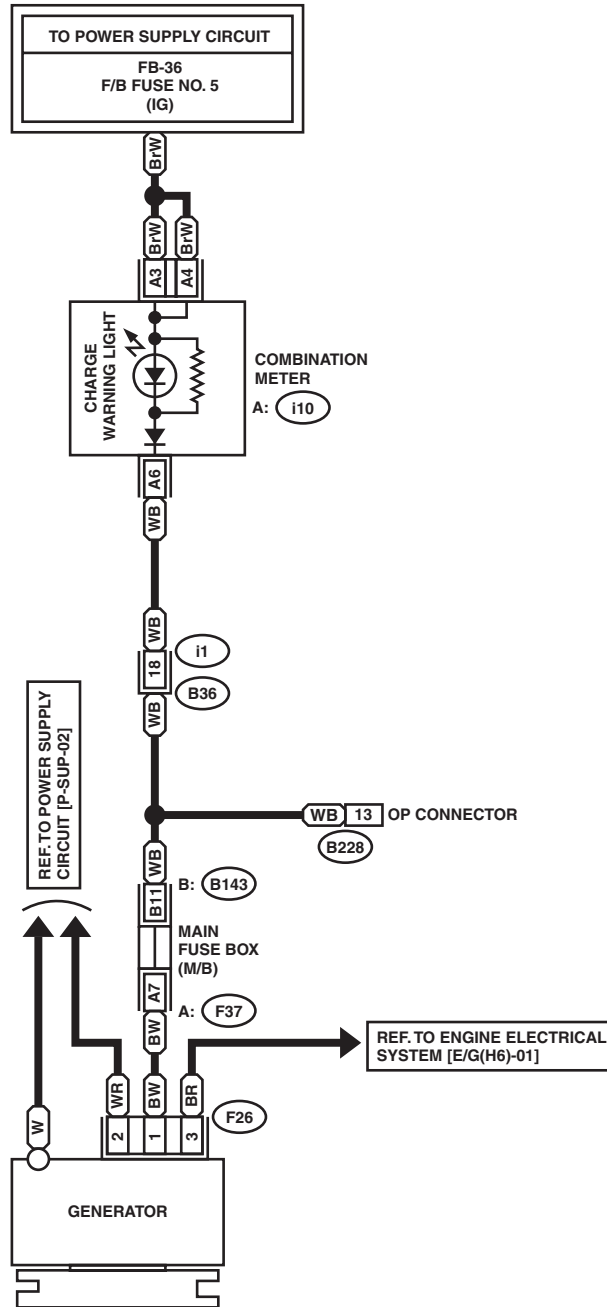
WI-05398

17.Charging System

A: WIRING DIAGRAM

CHG-01

CHG-01



F26

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

B228

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

B: B143

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

A: F37

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

A: i10

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

i1

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

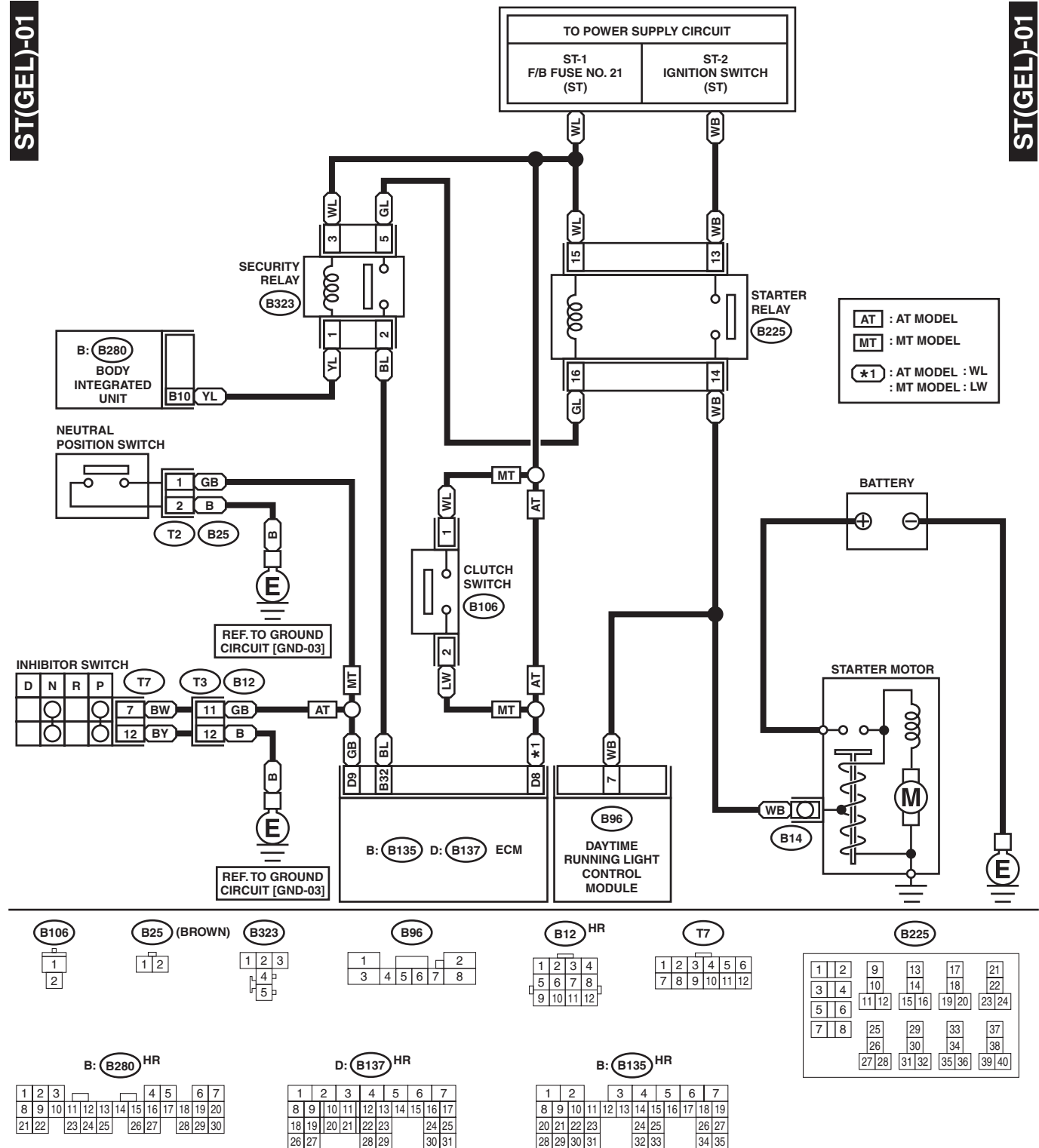
Starter System

WIRING SYSTEM

18.Starter System

A: WIRING DIAGRAM

1. 2.5 L NON-TURBO MODEL



WI-05403

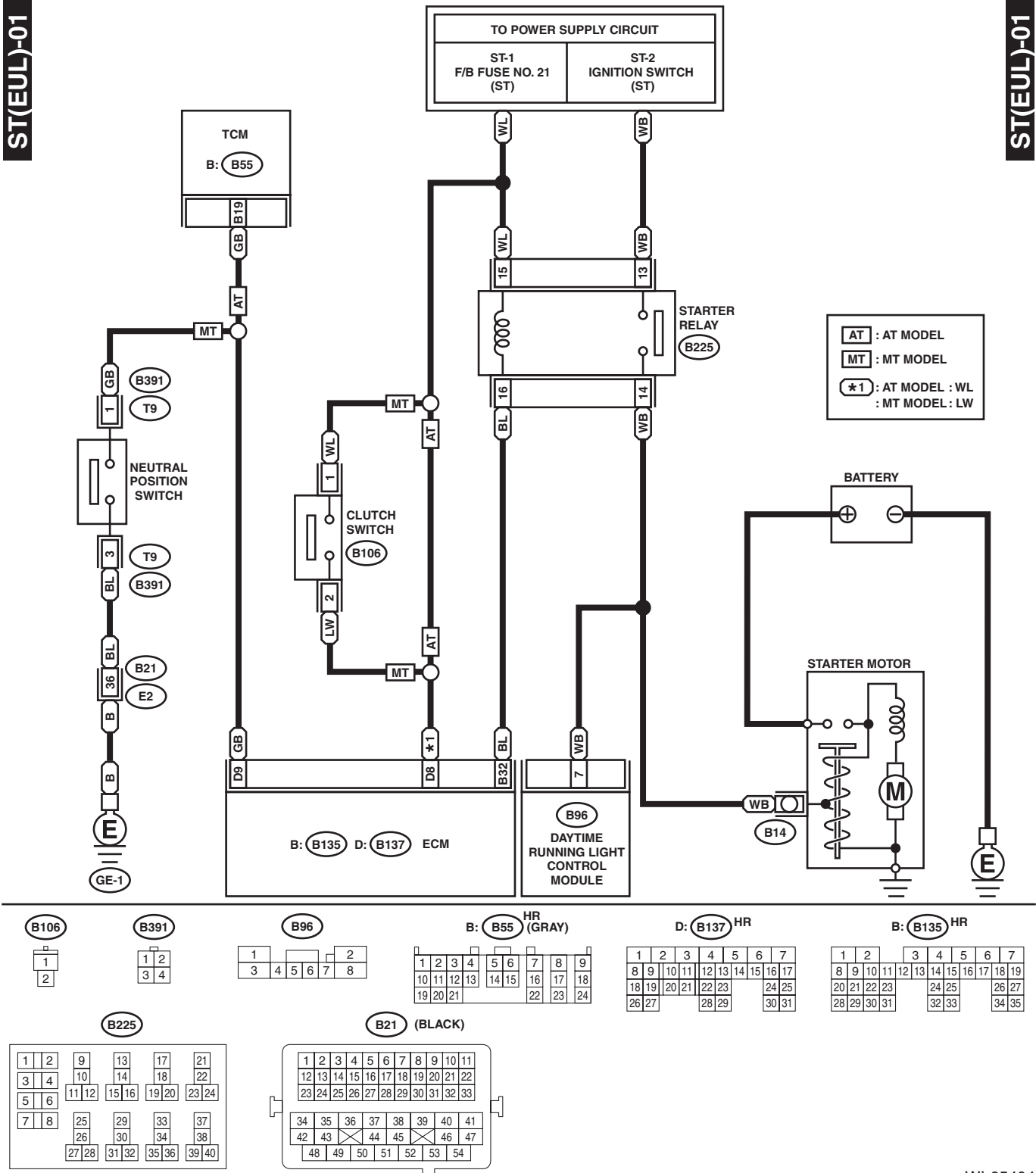
Starter System

WIRING SYSTEM

2. 2.5 L TURBO MODEL AND 3.0 L MODEL

ST(EUL)-01

ST(EUL)-01



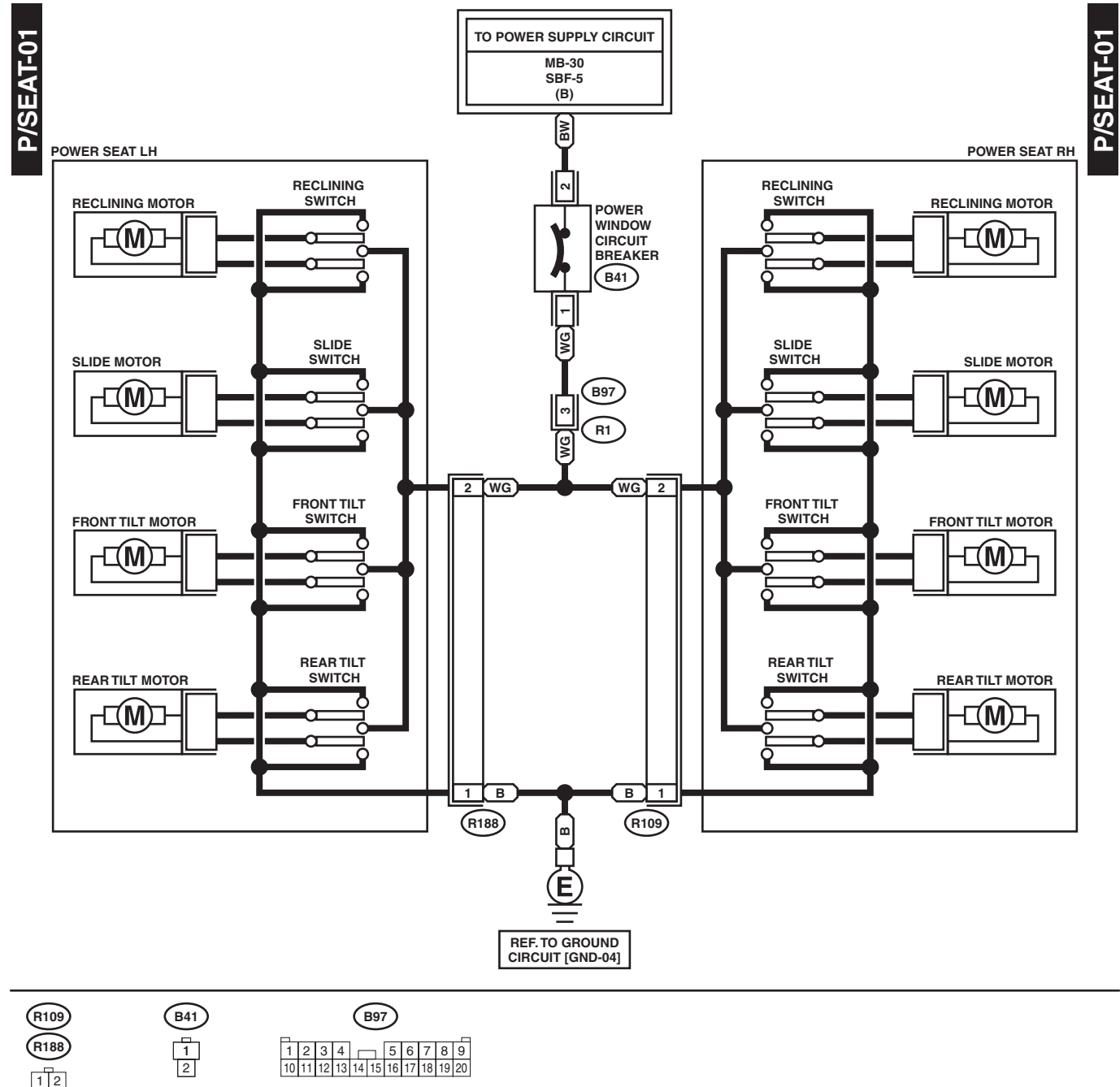
WI-05404

Power Seat System

WIRING SYSTEM

19. Power Seat System

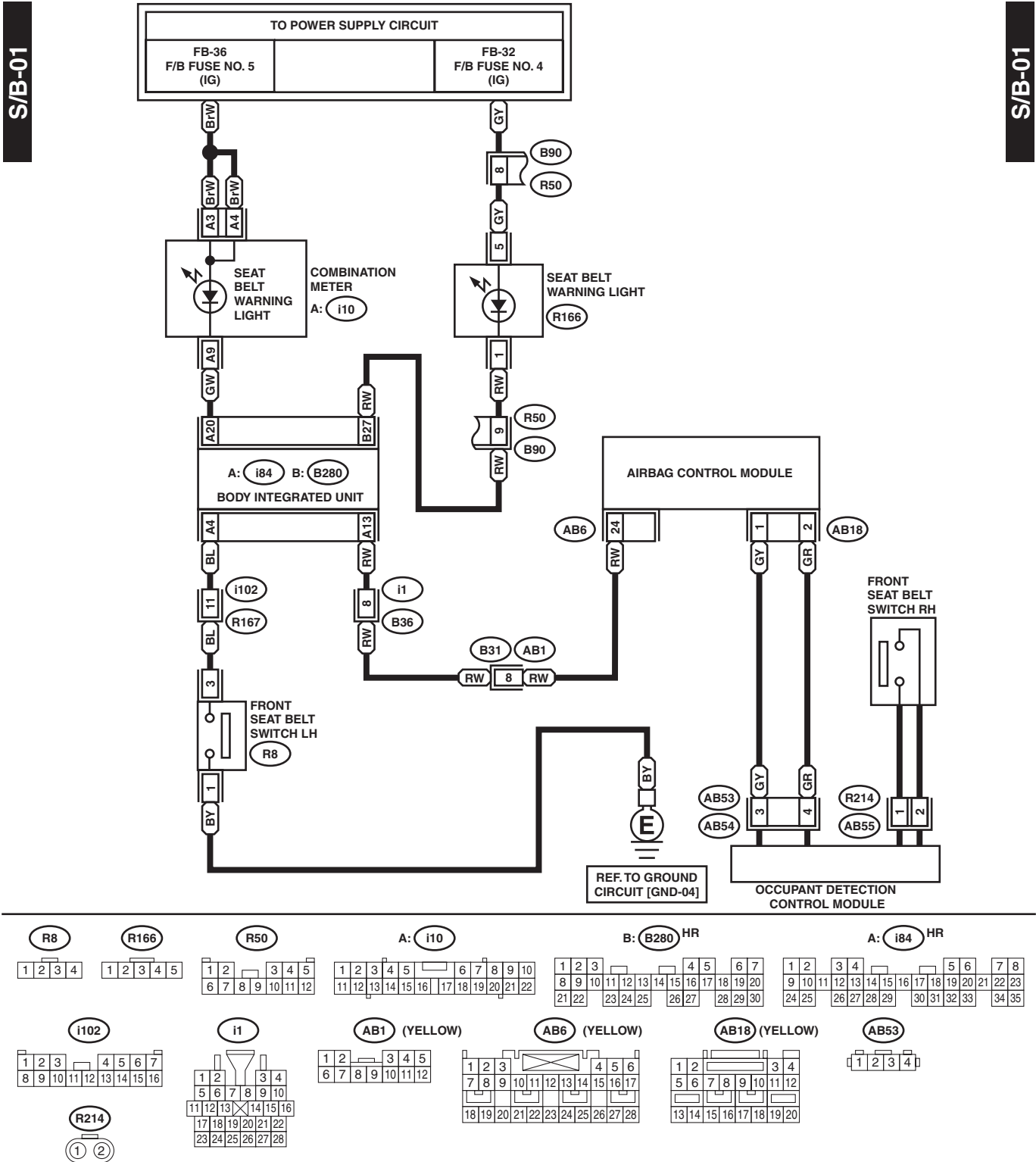
A: WIRING DIAGRAM



WI-05392

20.Seat Belt Warning System

A: WIRING DIAGRAM



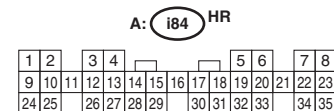
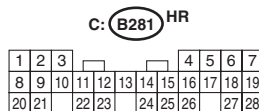
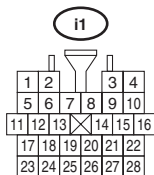
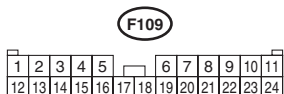
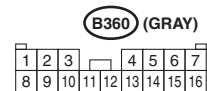
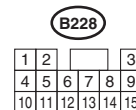
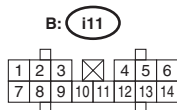
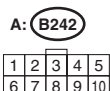
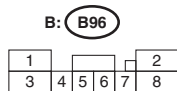
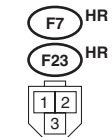
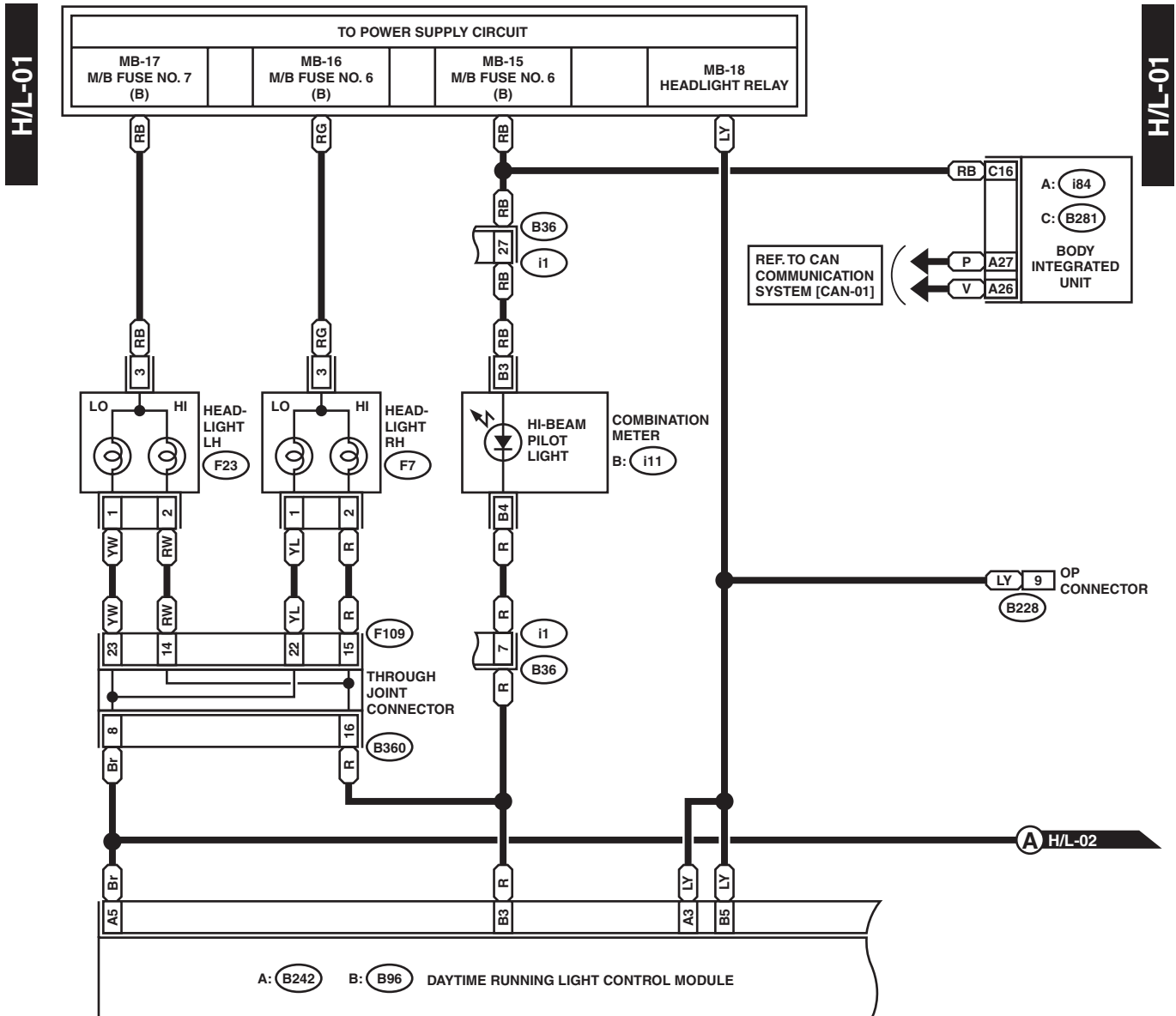
WI-05401

A: WIRING DIAGRAM



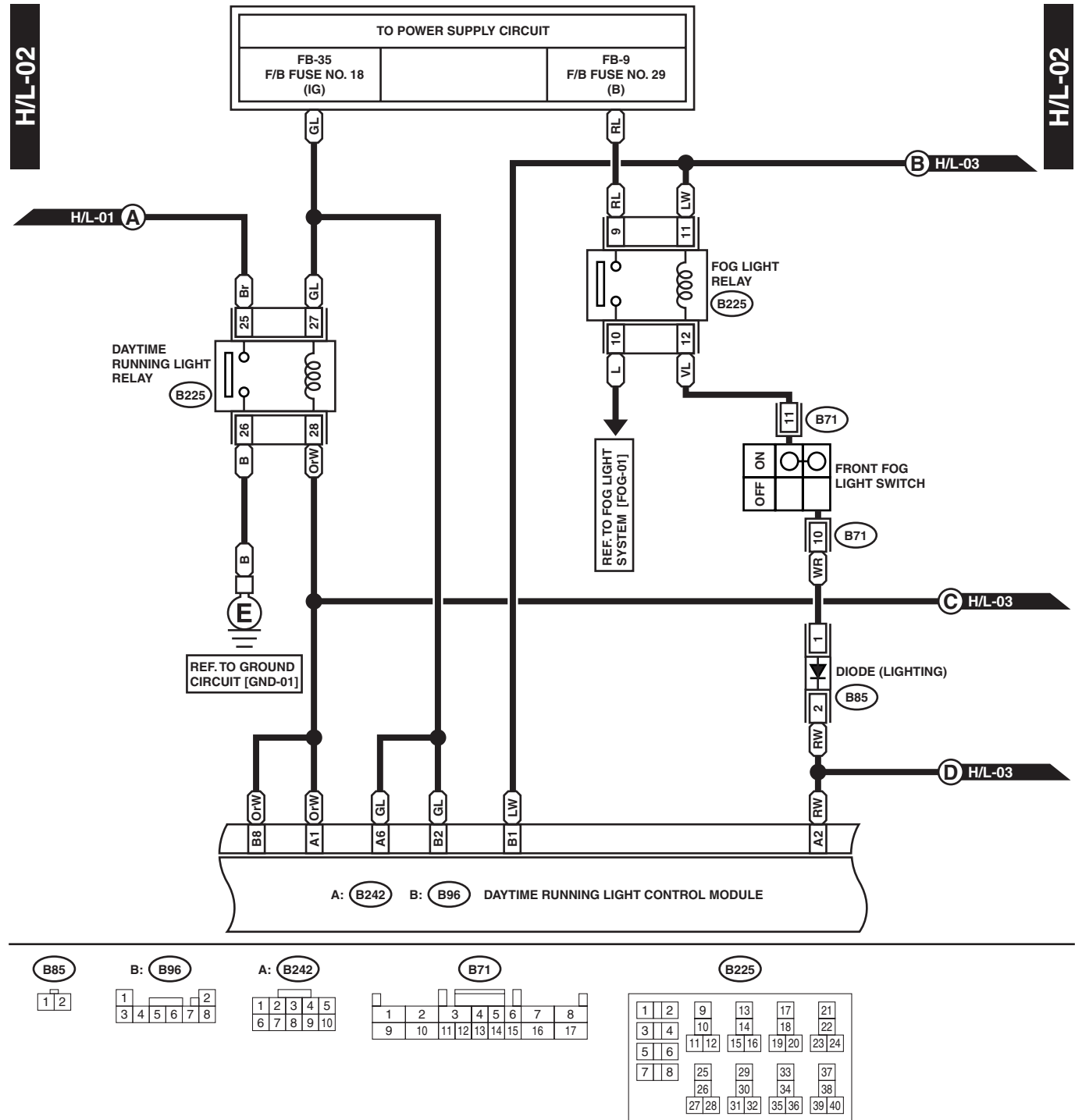
22.Headlight System

A: WIRING DIAGRAM



Headlight System

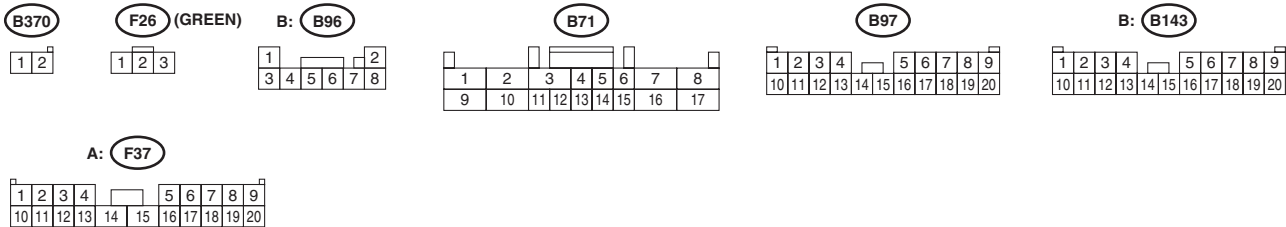
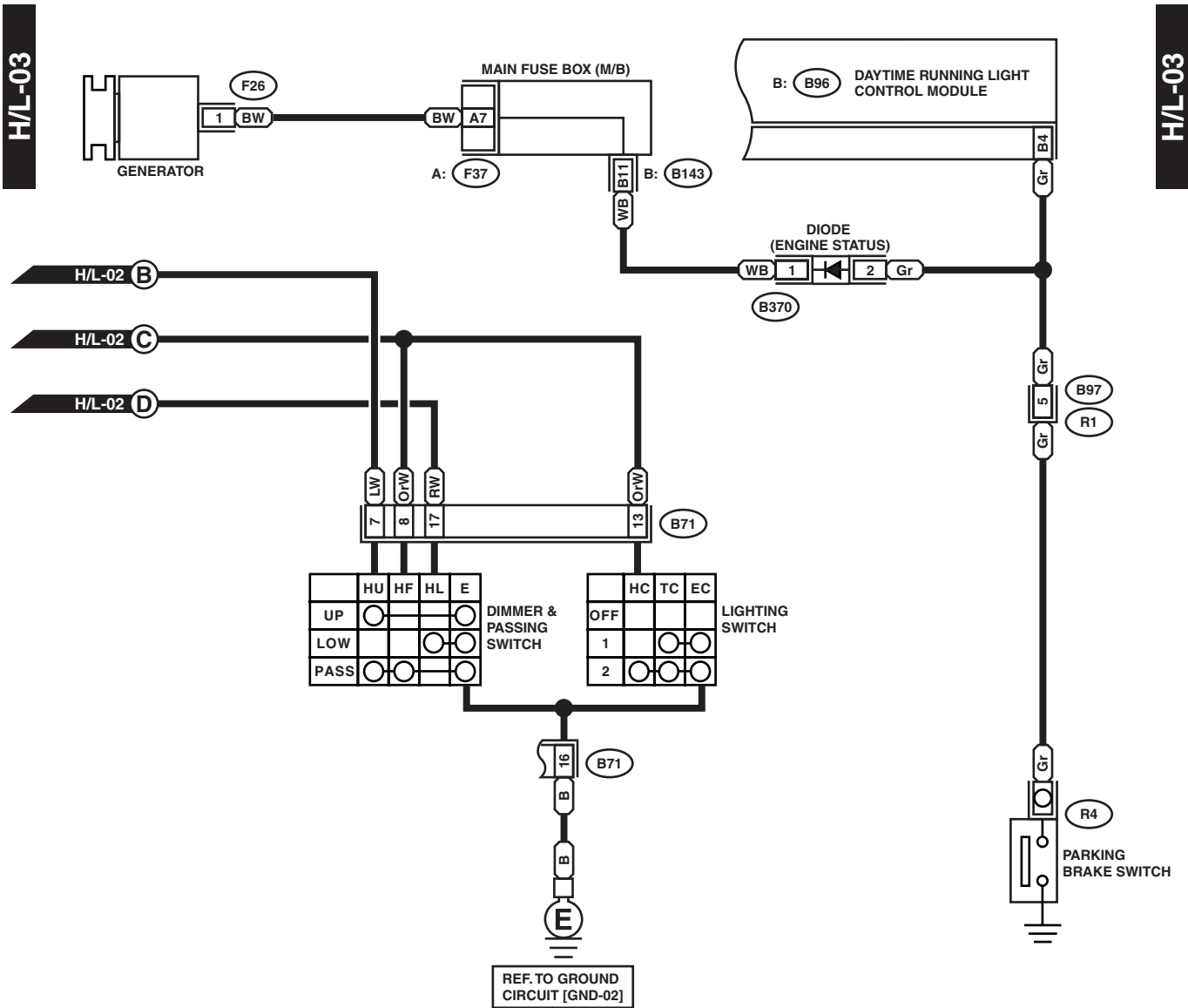
WIRING SYSTEM



WI-05445

Headlight System

WIRING SYSTEM



WI-05446

Front Fog Light System

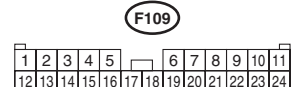
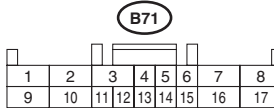
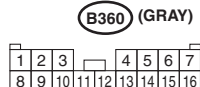
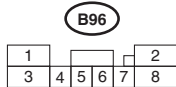
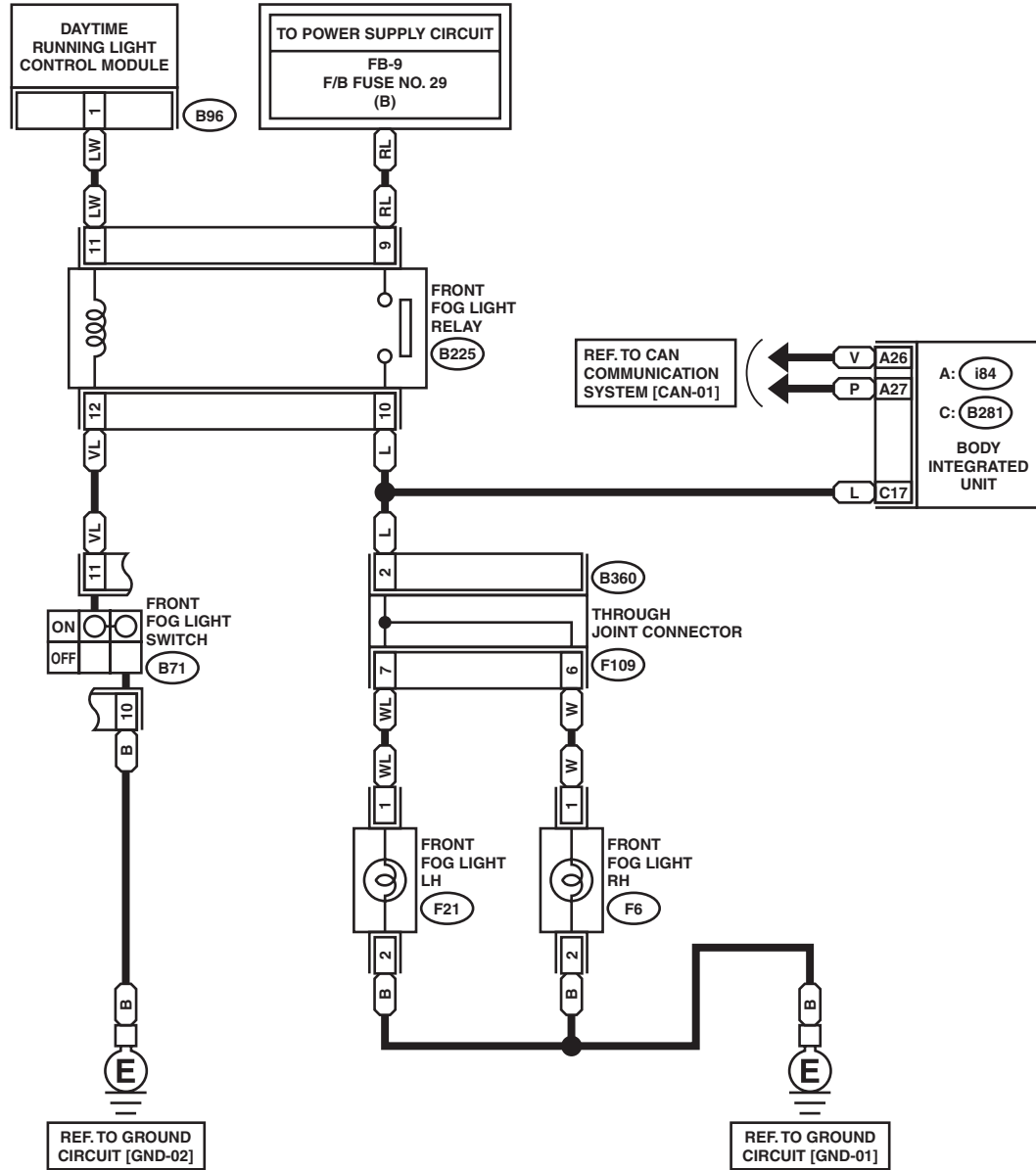
WIRING SYSTEM

23.Front Fog Light System

A: WIRING DIAGRAM

FOG-01

FOG-01



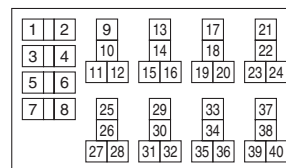
C: B281 HR



A: i84 HR



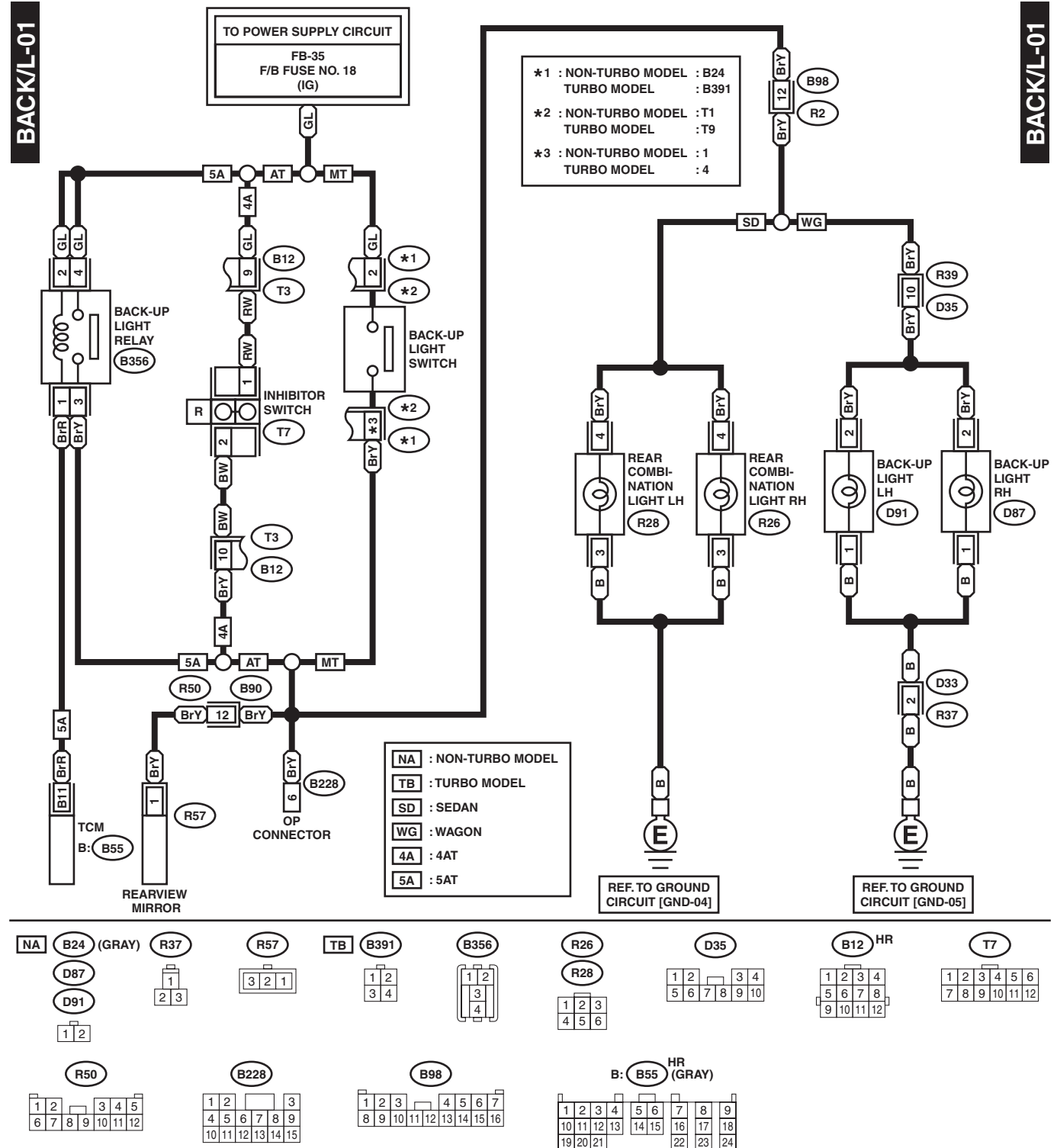
B225



WI-23362

24.Back-up Light System

A: WIRING DIAGRAM

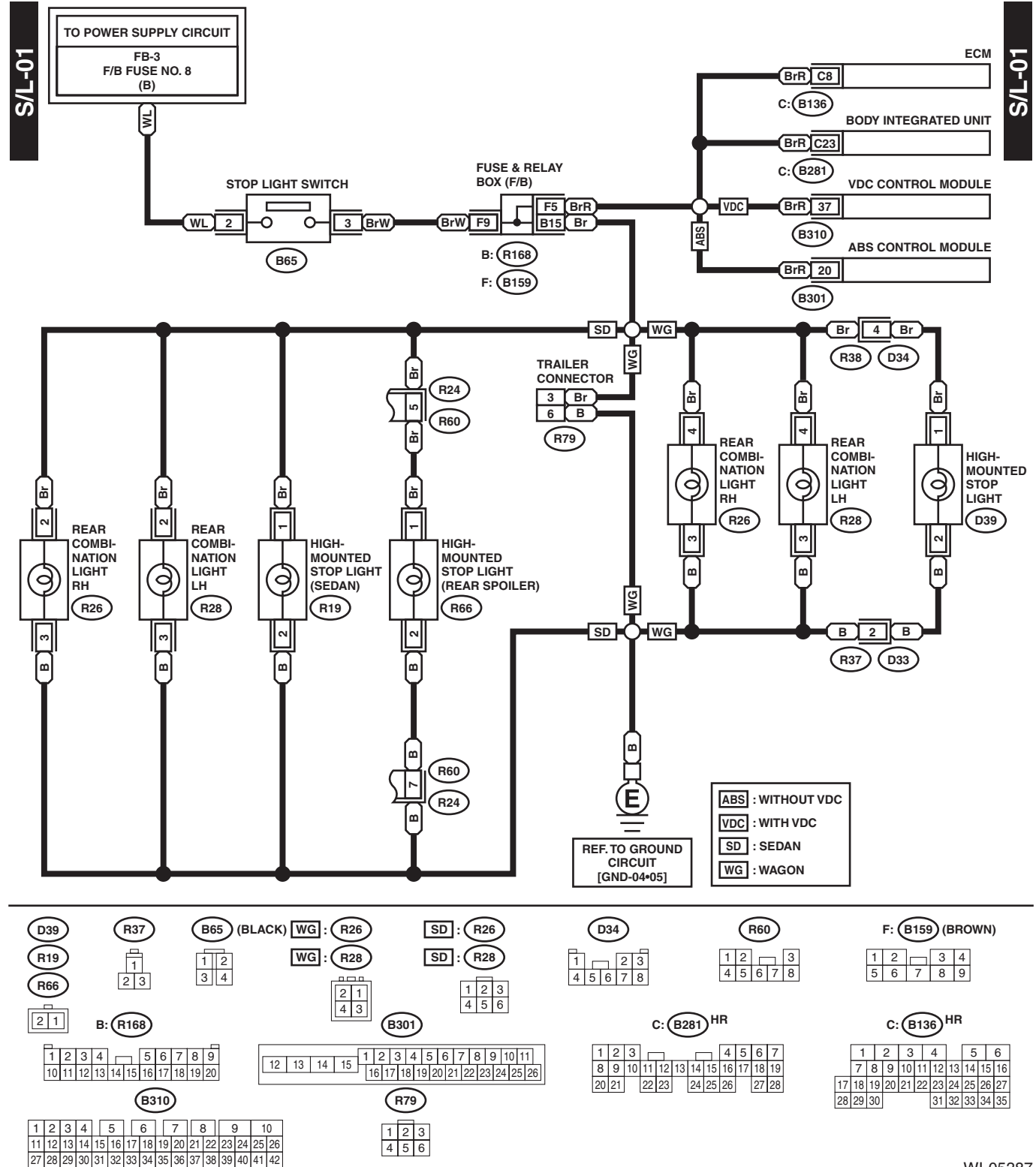


Stop Light System

WIRING SYSTEM

25. Stop Light System

A: WIRING DIAGRAM

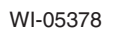


WI-05387

A: WIRING DIAGRAM

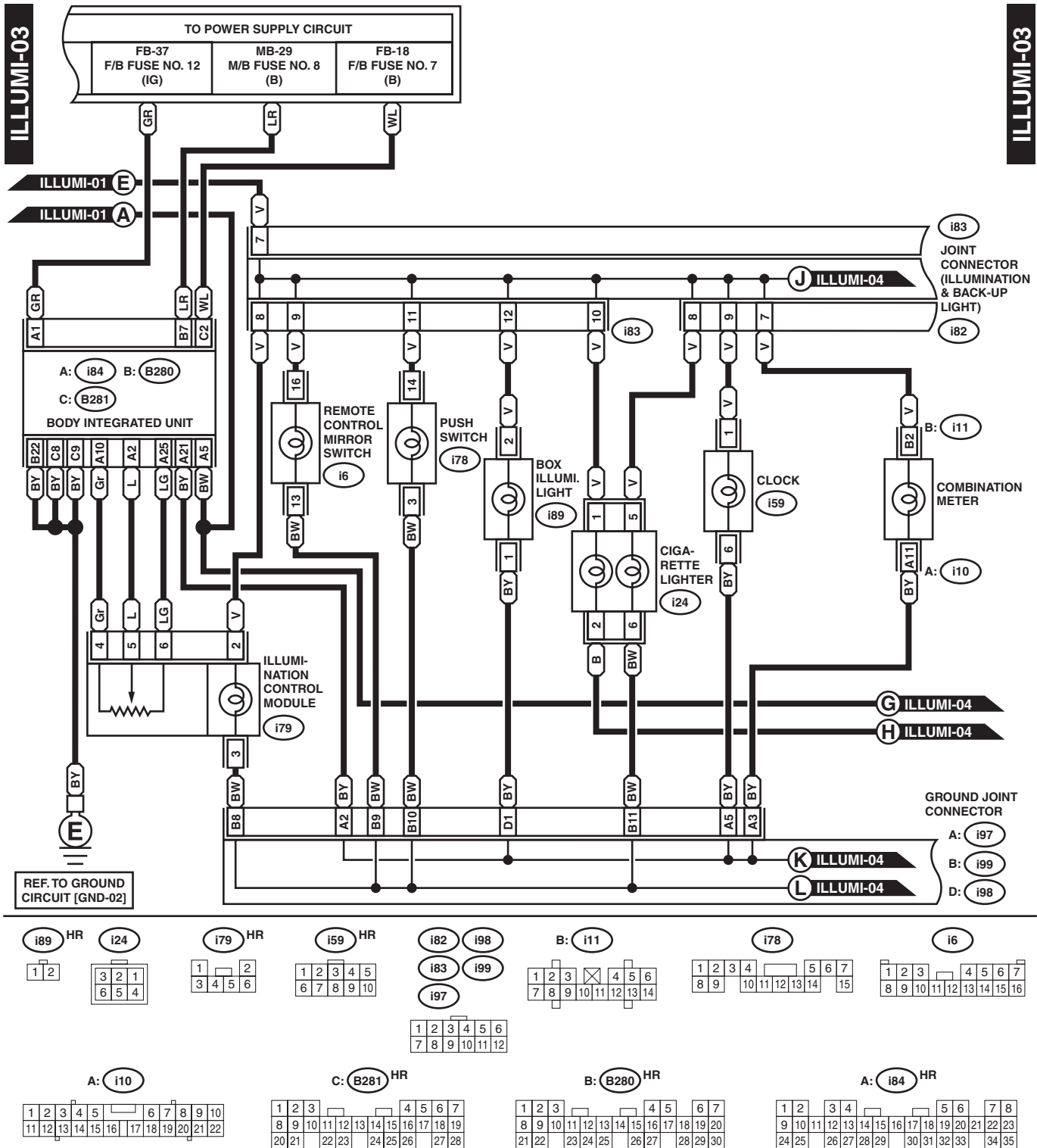


WIRING SYSTEM



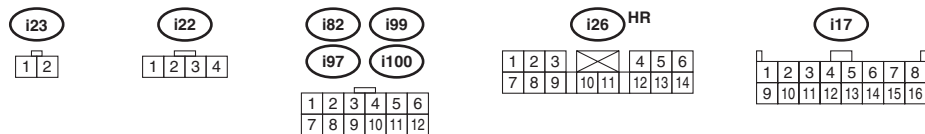
Clearance Light and Illumination Light System

WIRING SYSTEM



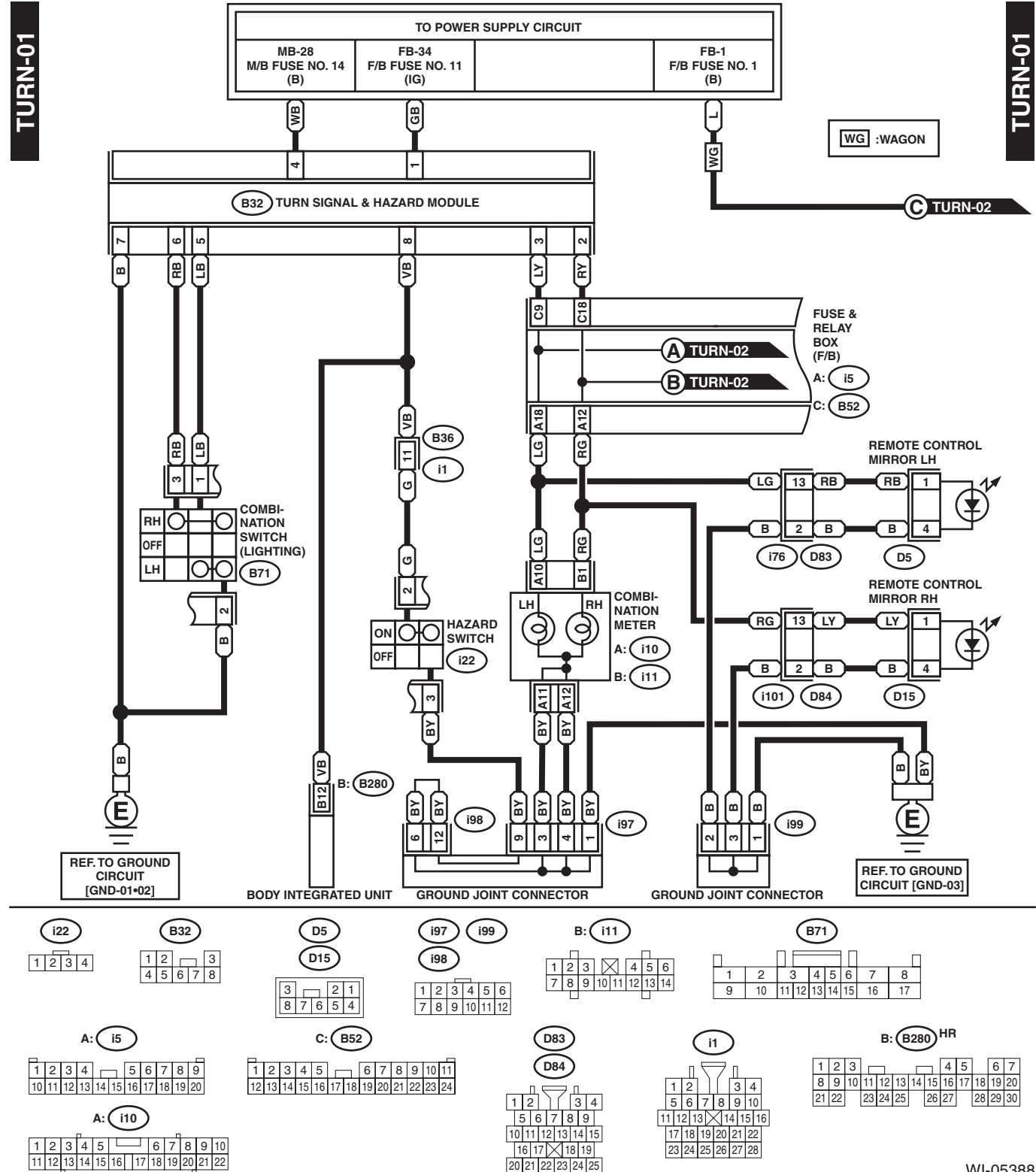
WI-05379

WIRING SYSTEM



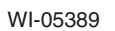
27. Turn Signal Light and Hazard Light System

A: WIRING DIAGRAM



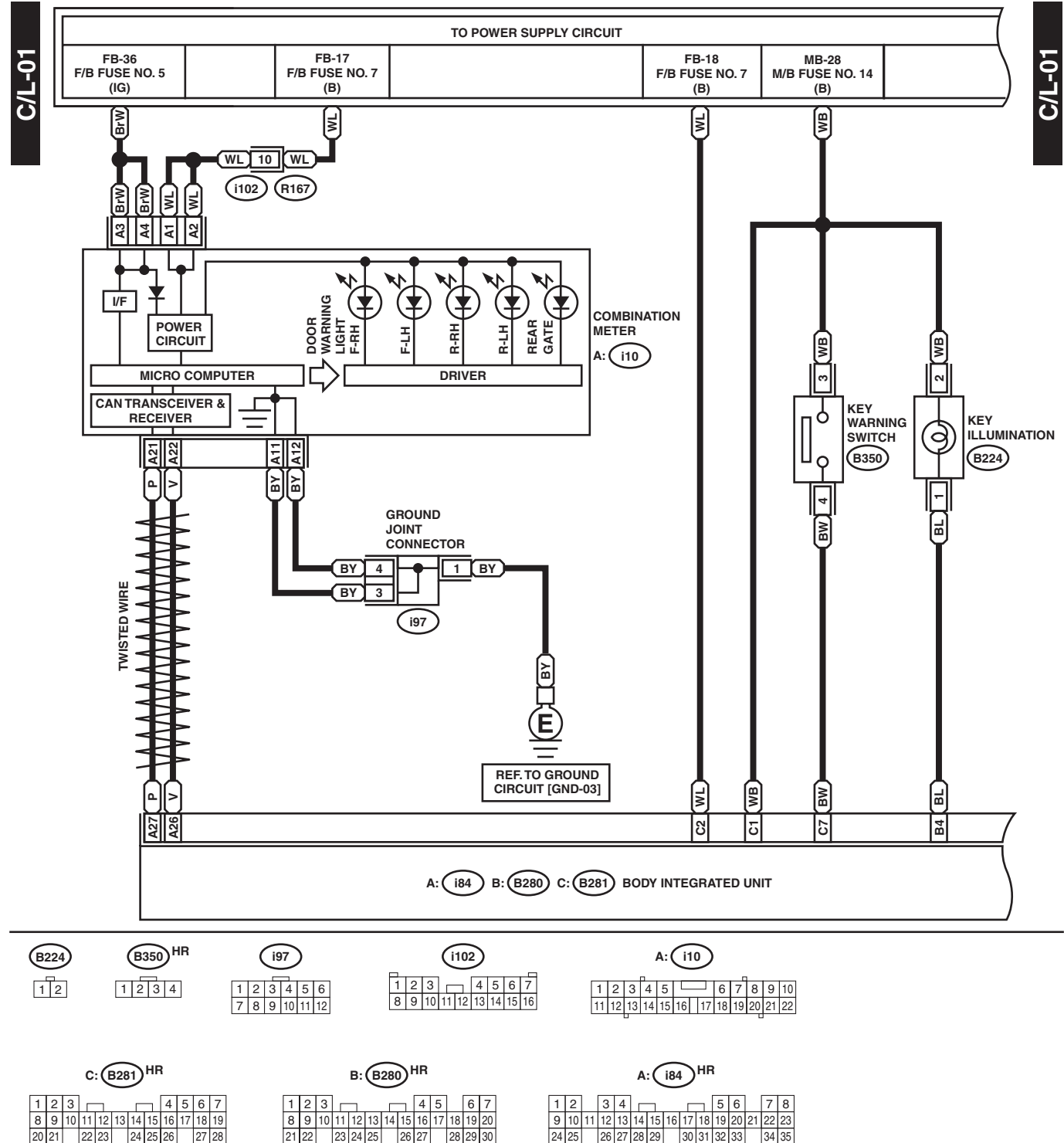
WI-05388

WIRING SYSTEM



28. Interior Light System

A: WIRING DIAGRAM

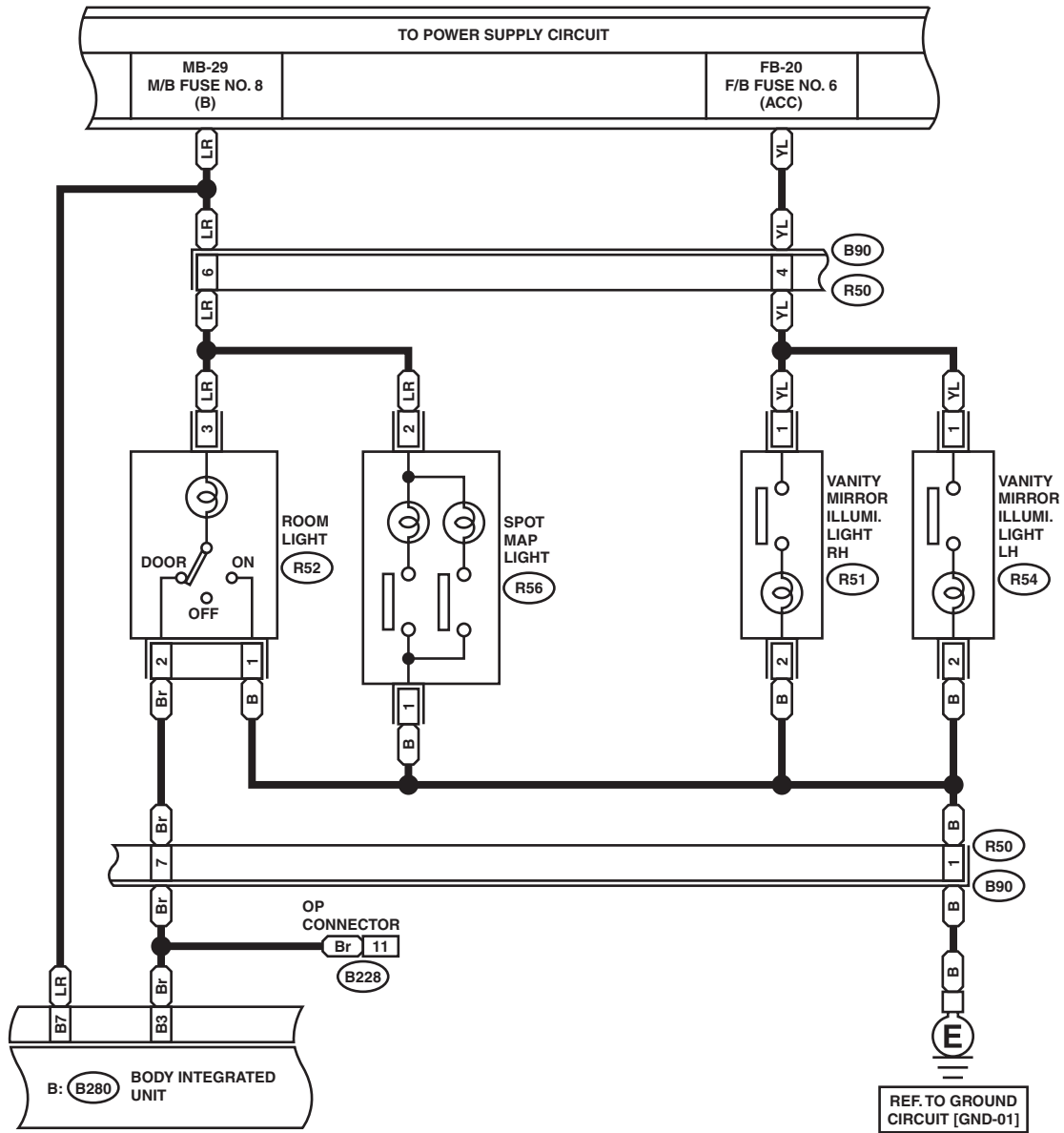


Interior Light System

WIRING SYSTEM

C/L-02

C/L-02



R51 (BLACK)

R52

R54 (BLACK)

1 2 3

R56

1 2

R50

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

B228

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

B: B280 HR

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

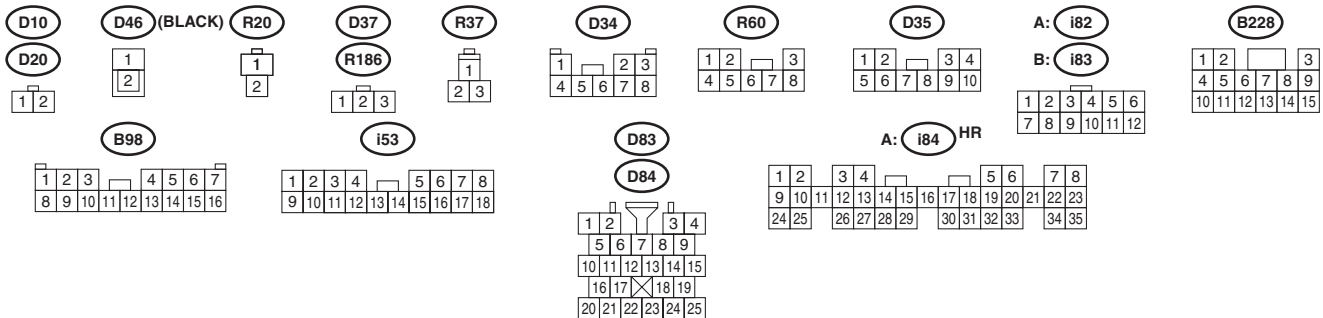
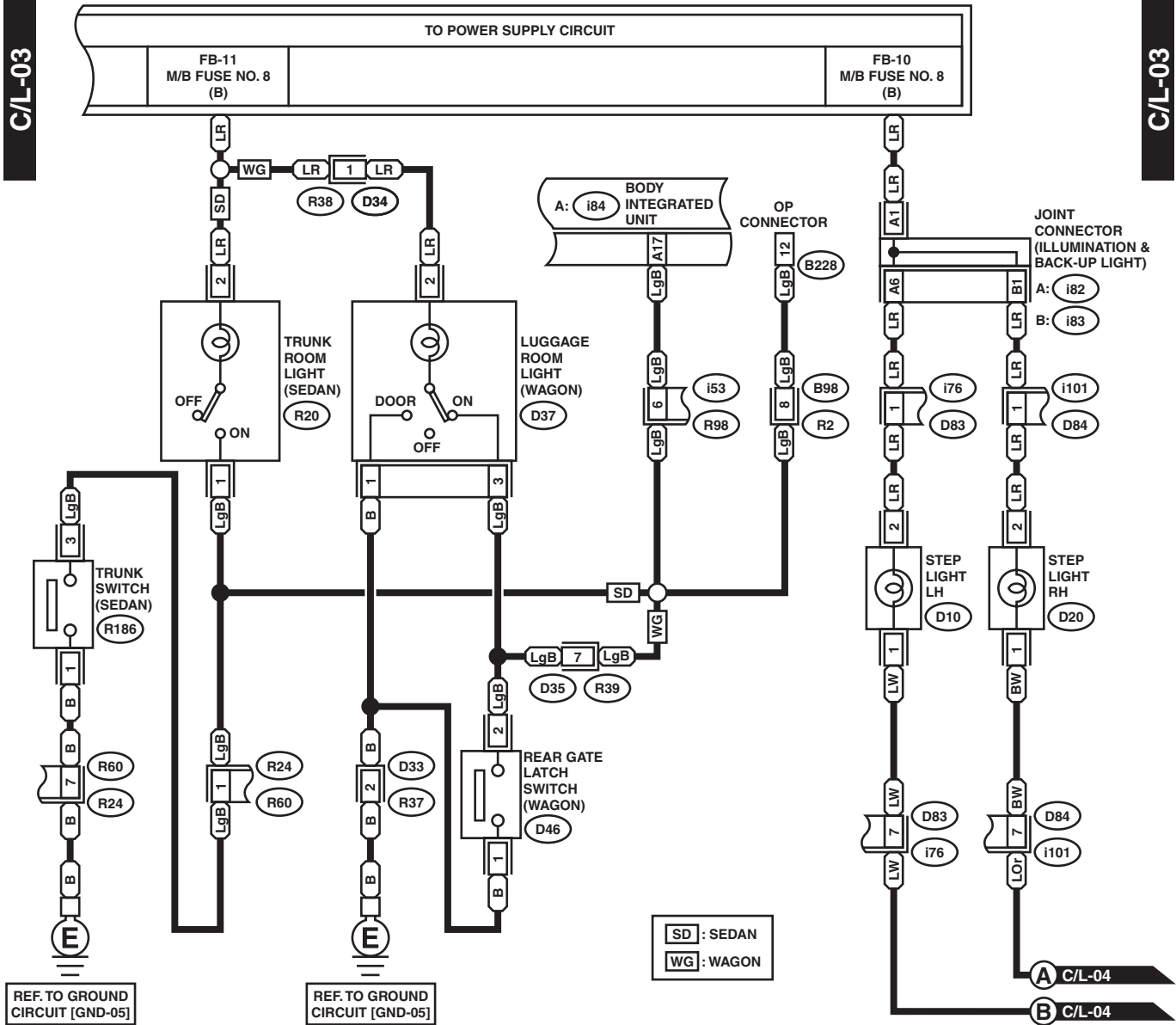
WI-05384

Interior Light System

WIRING SYSTEM

C/L-03

C/L-03



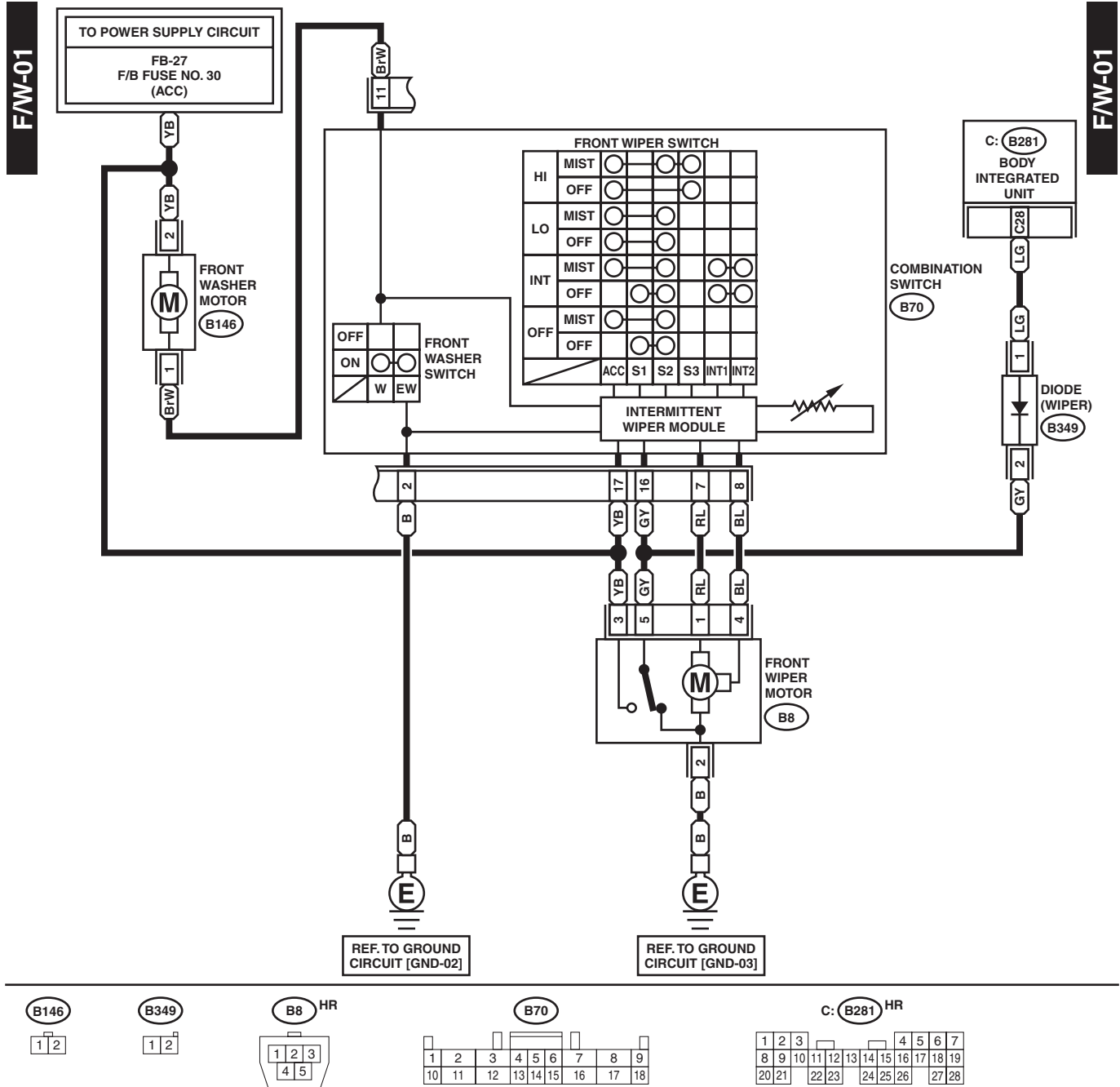
WI-05385

WIRING SYSTEM



29.Front Wiper and Washer System

A: WIRING DIAGRAM

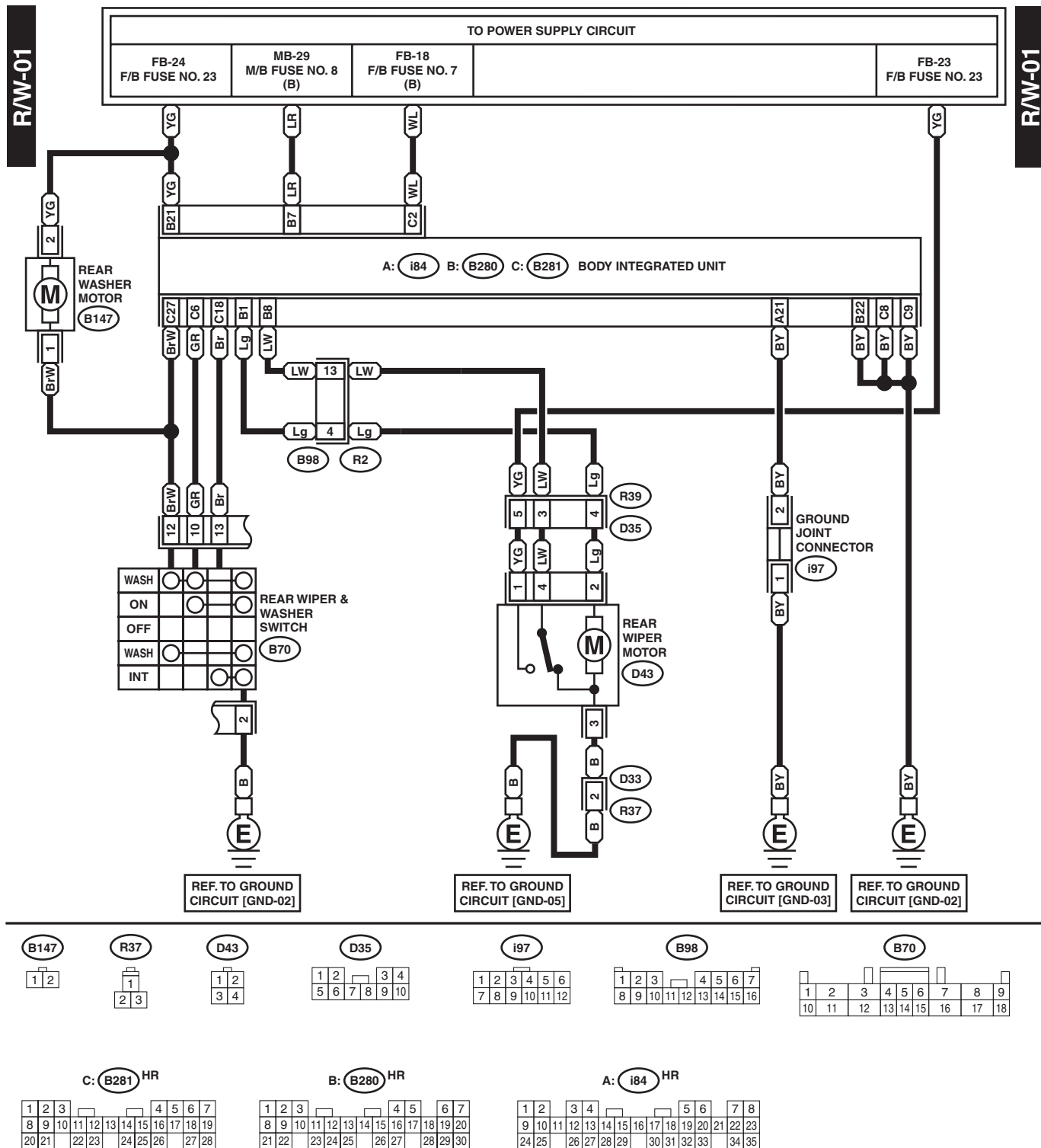


Rear Wiper and Washer System

WIRING SYSTEM

30.Rear Wiper and Washer System

A: WIRING DIAGRAM



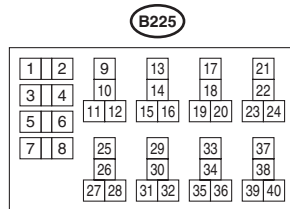
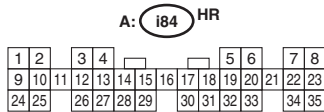
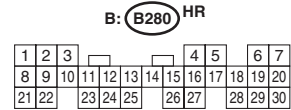
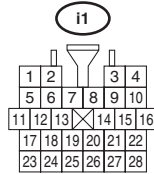
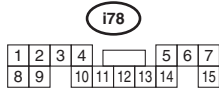
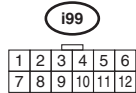
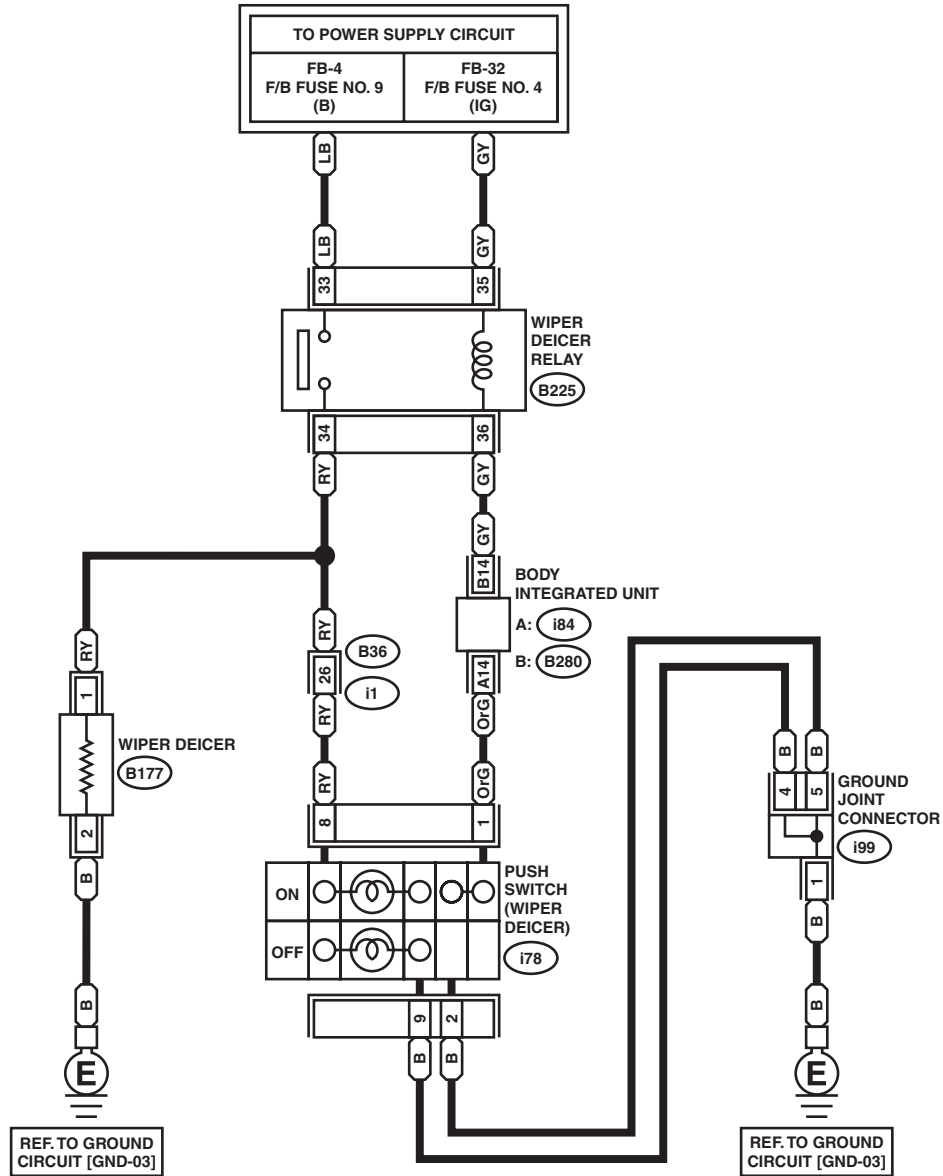
WI-16846

31. Wiper Deicer System

A: WIRING DIAGRAM

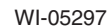
W/D-01

W/D-01



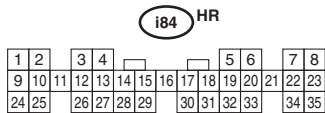
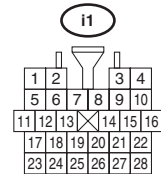
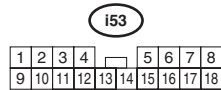
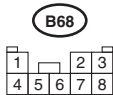
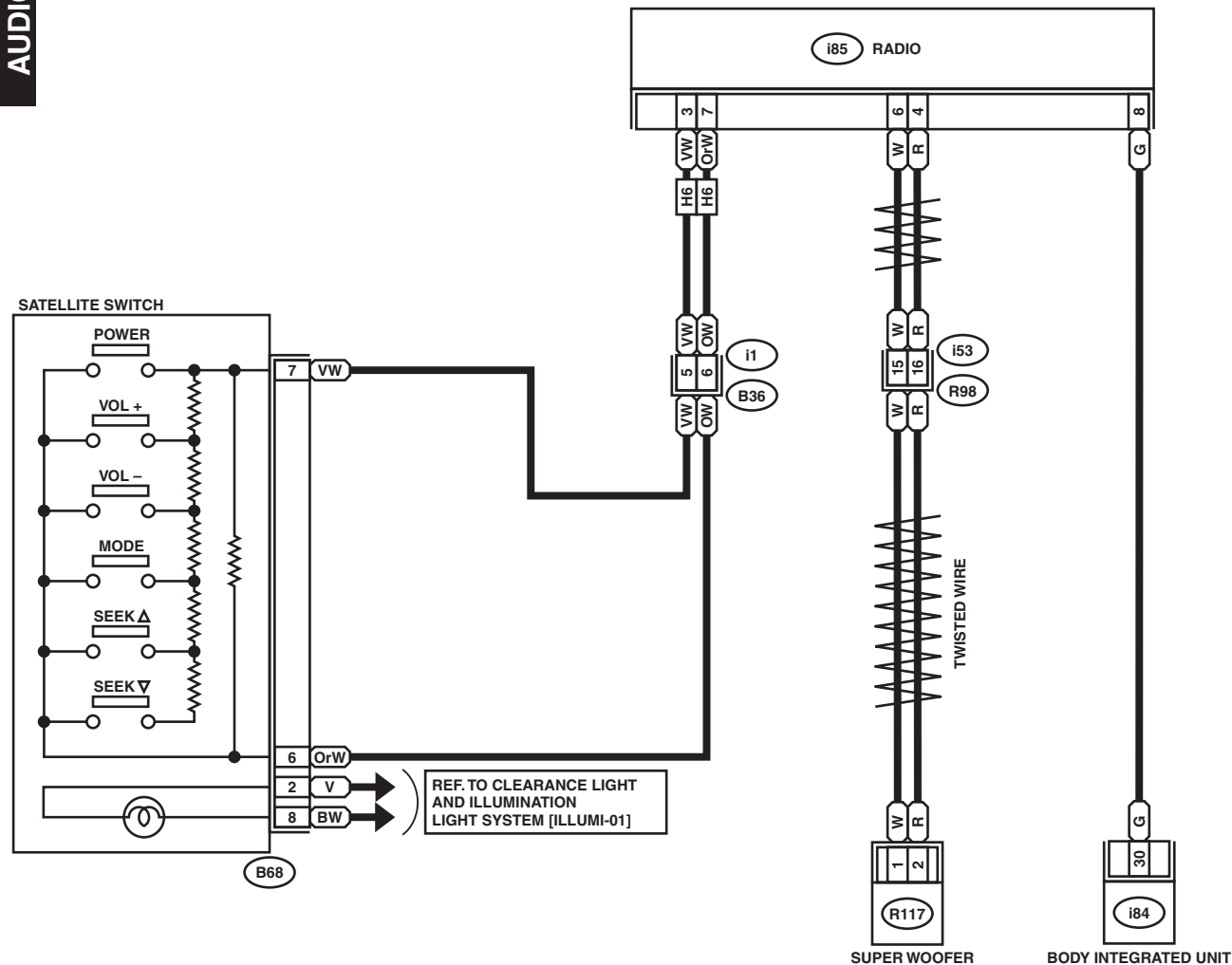
WI-05412

A: WIRING DIAGRAM



AUDIO-02

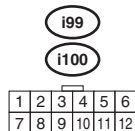
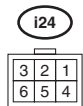
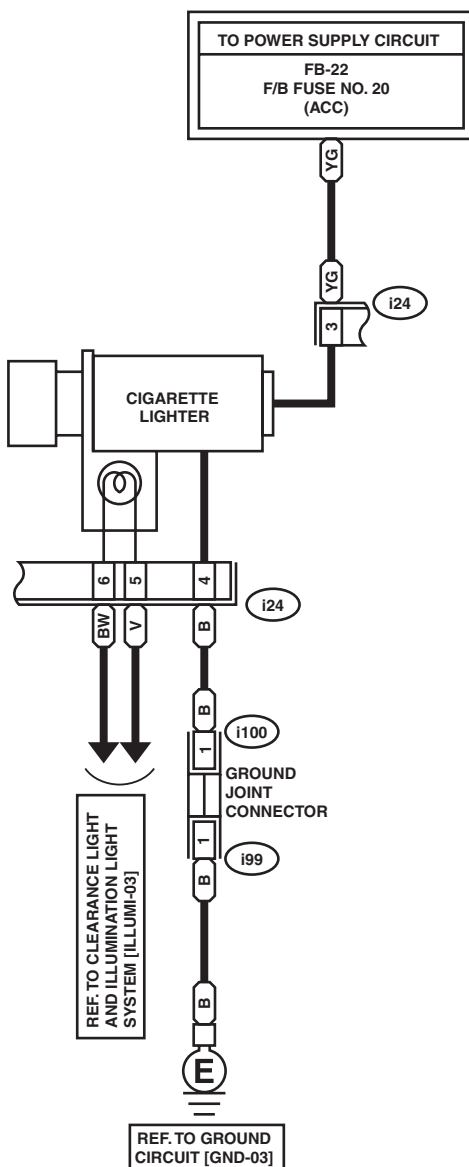
AUDIO-02



A: WIRING DIAGRAM

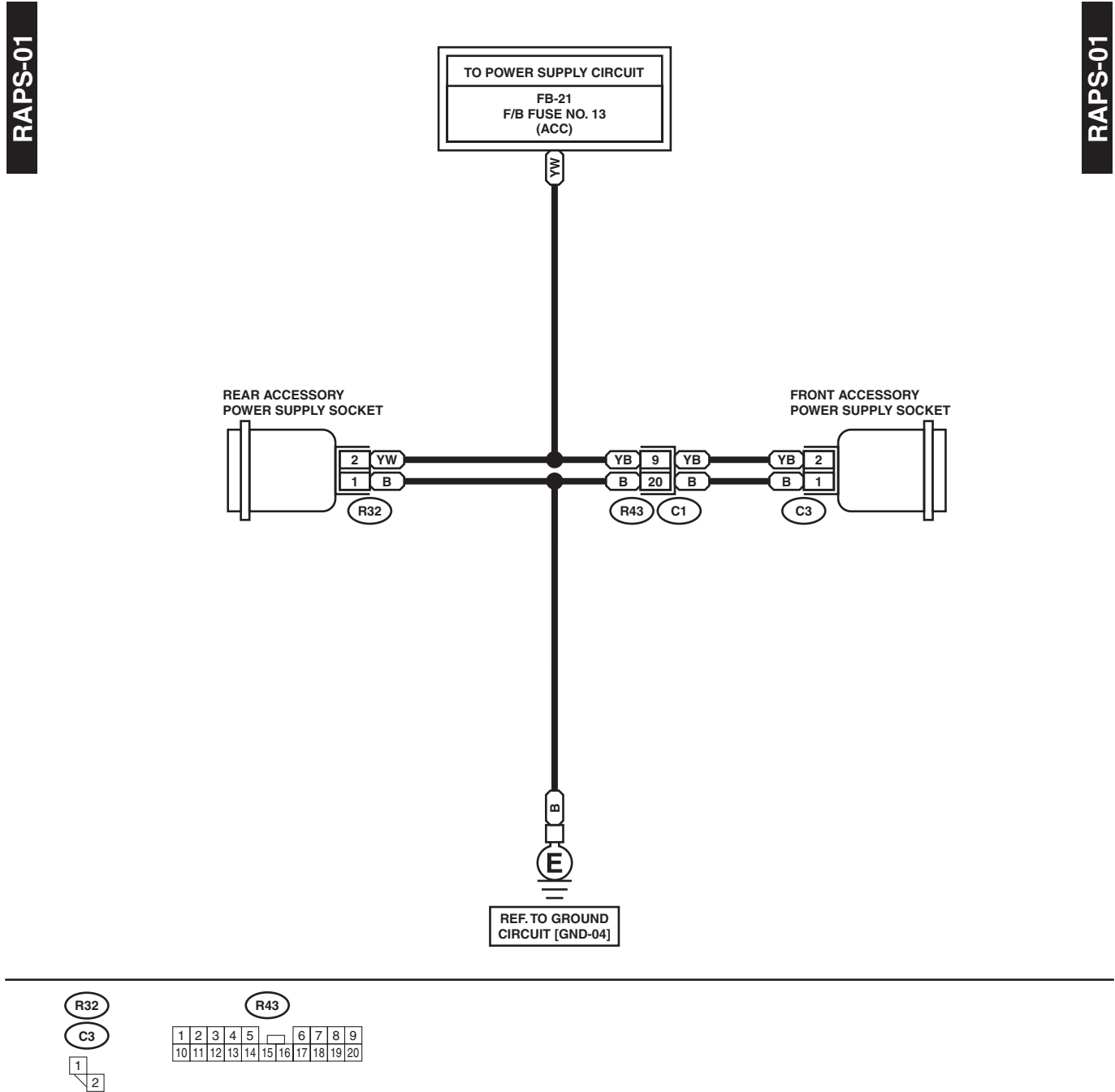
FAPS-01

FAPS-01



34.Rear Accessory Power Supply System

A: WIRING DIAGRAM

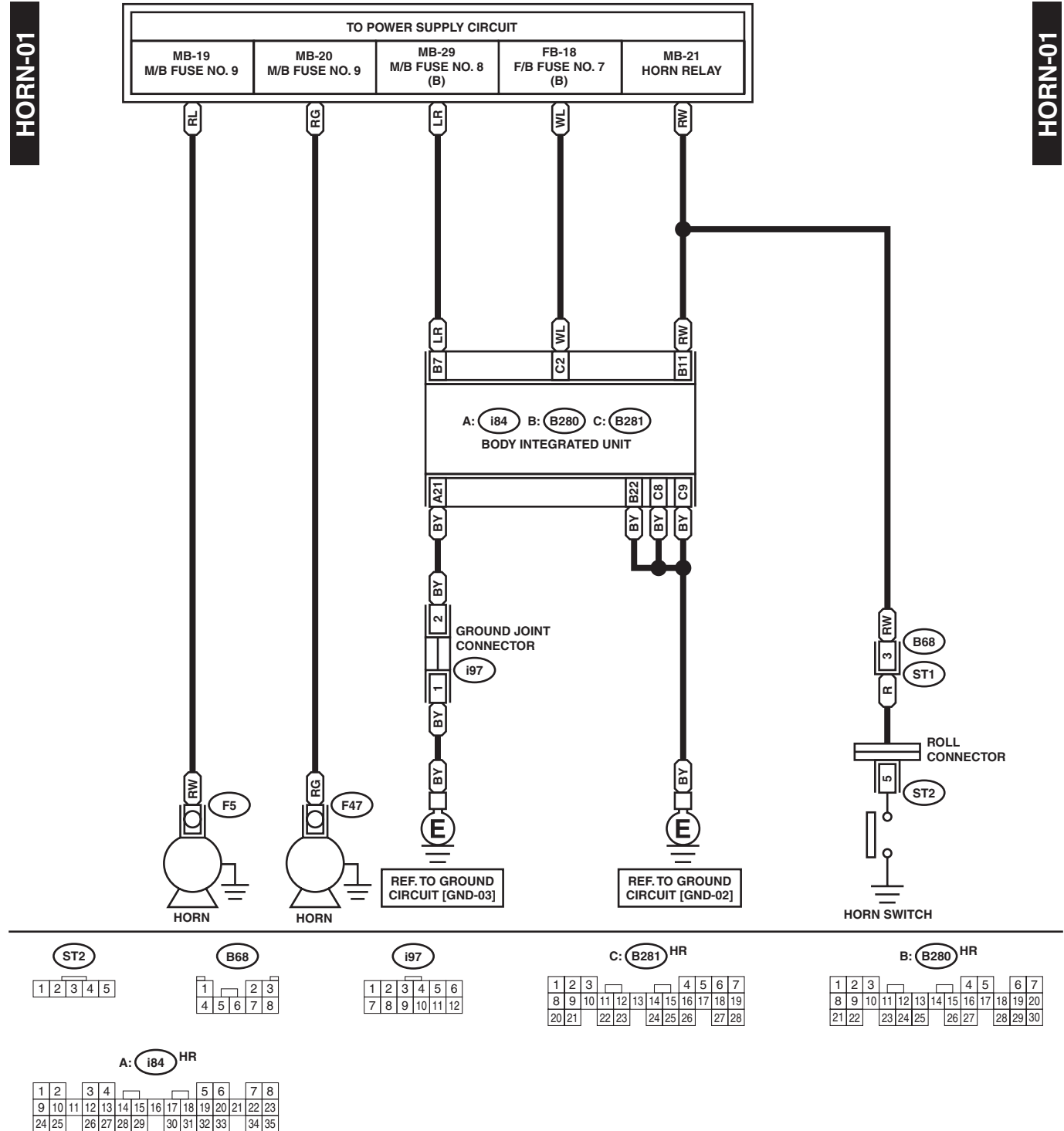


Horn System

WIRING SYSTEM

35.Horn System

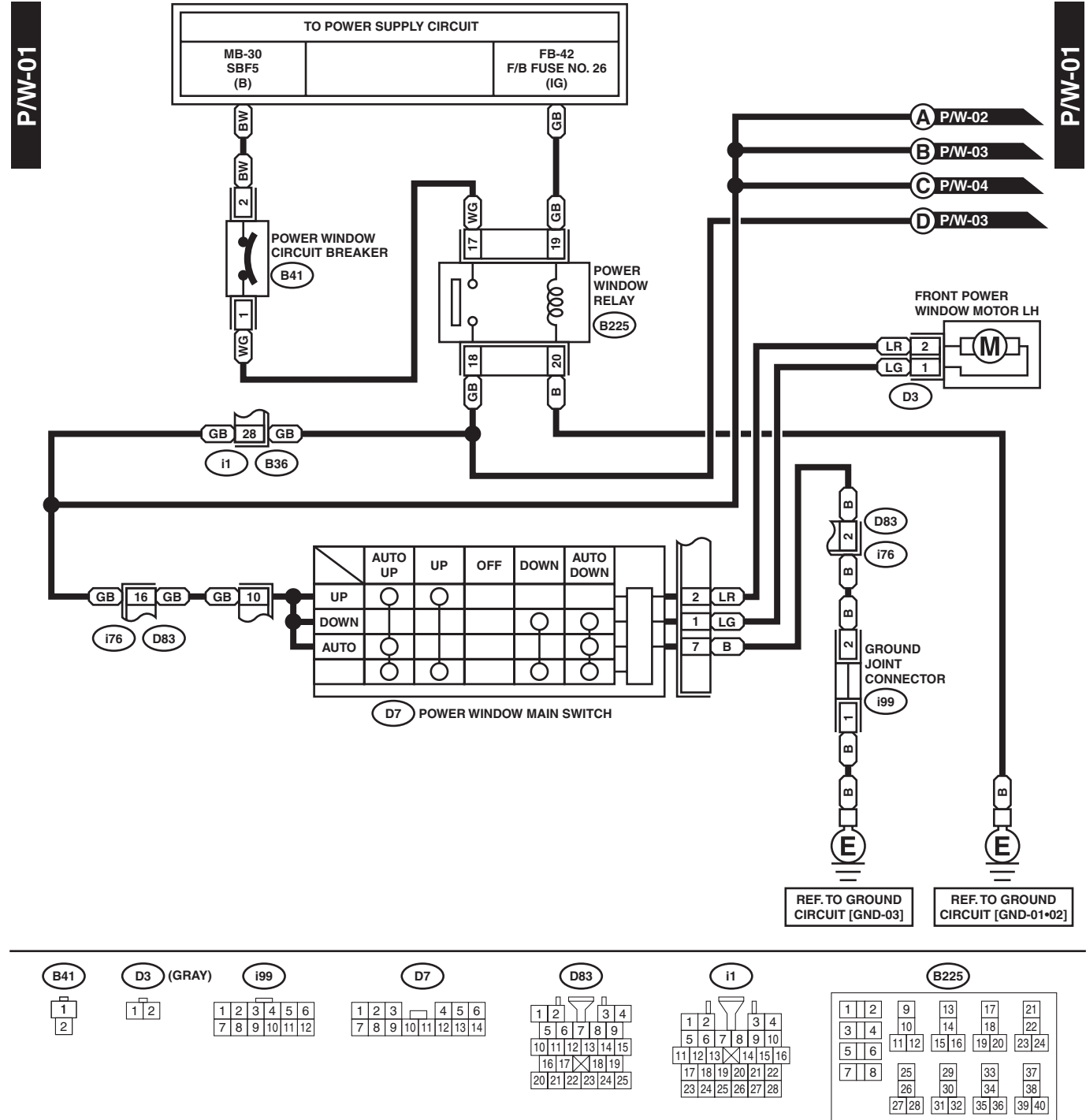
A: WIRING DIAGRAM



WI-05370

36. Power Window System

A: WIRING DIAGRAM



WIRING SYSTEM

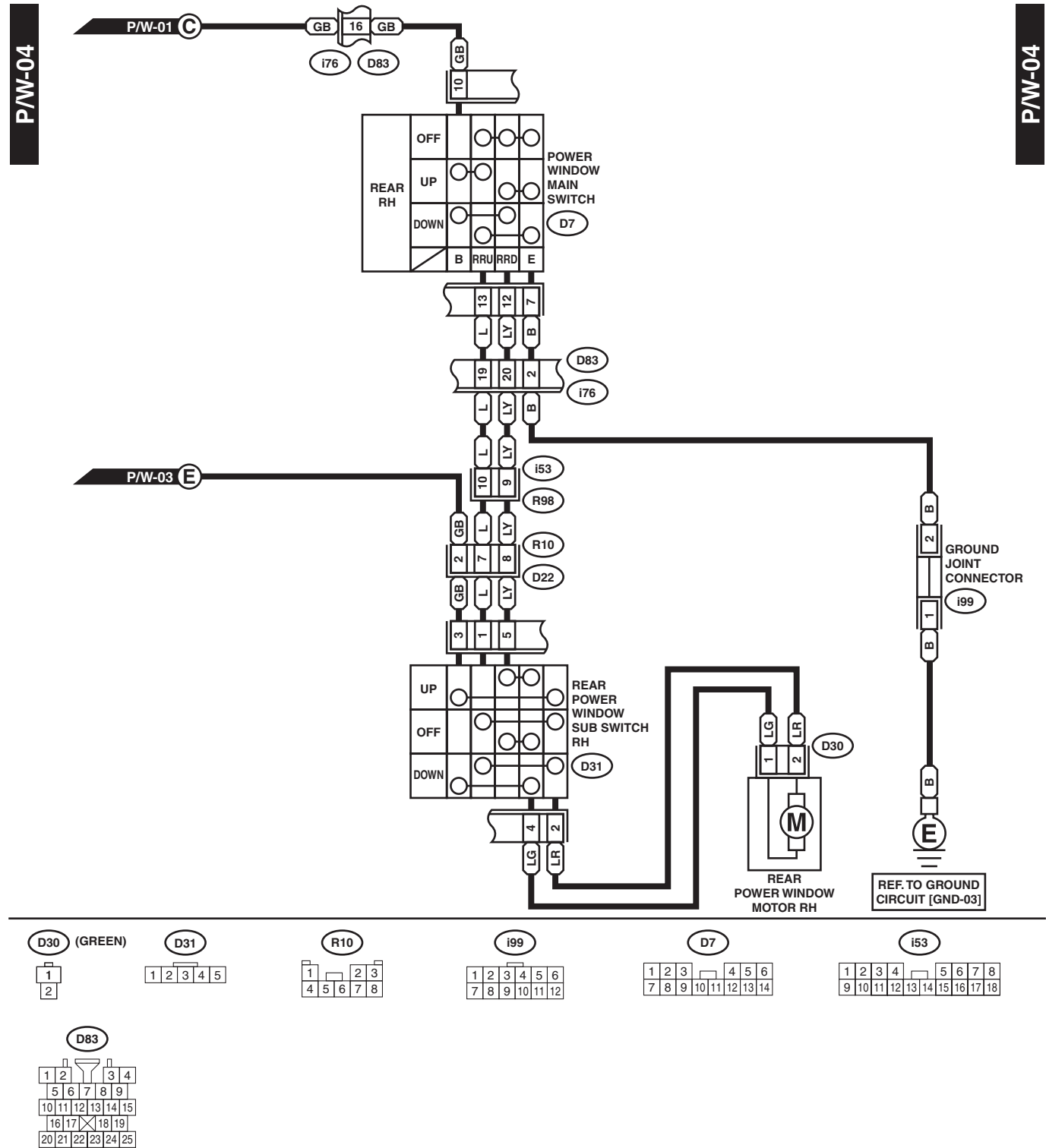


WIRING SYSTEM



Power Window System

WIRING SYSTEM



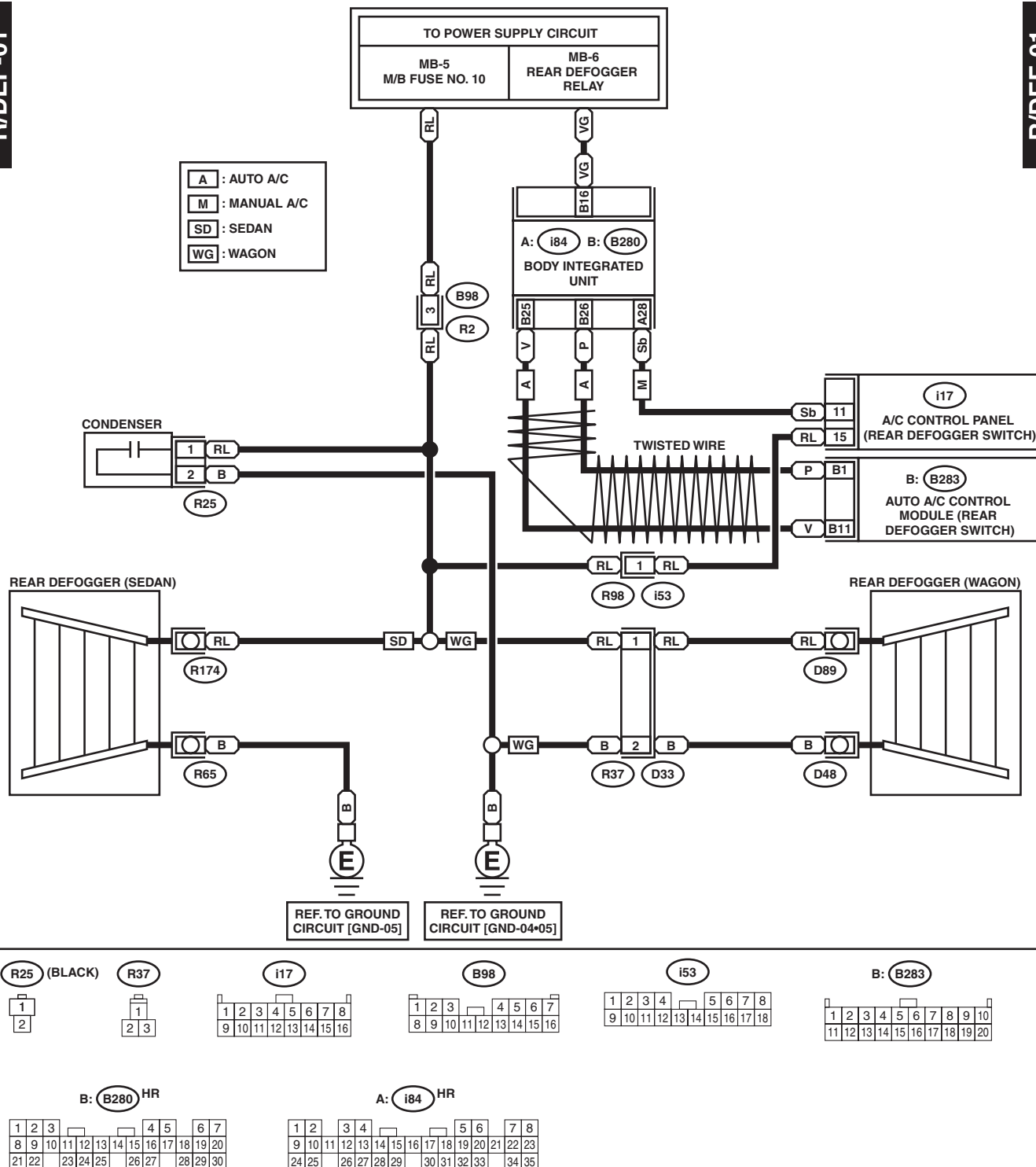
WI-05396

37.Rear Defogger System

A: WIRING DIAGRAM

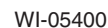
R/DEF-01

R/DEF-01



WI-05399

A: WIRING DIAGRAM

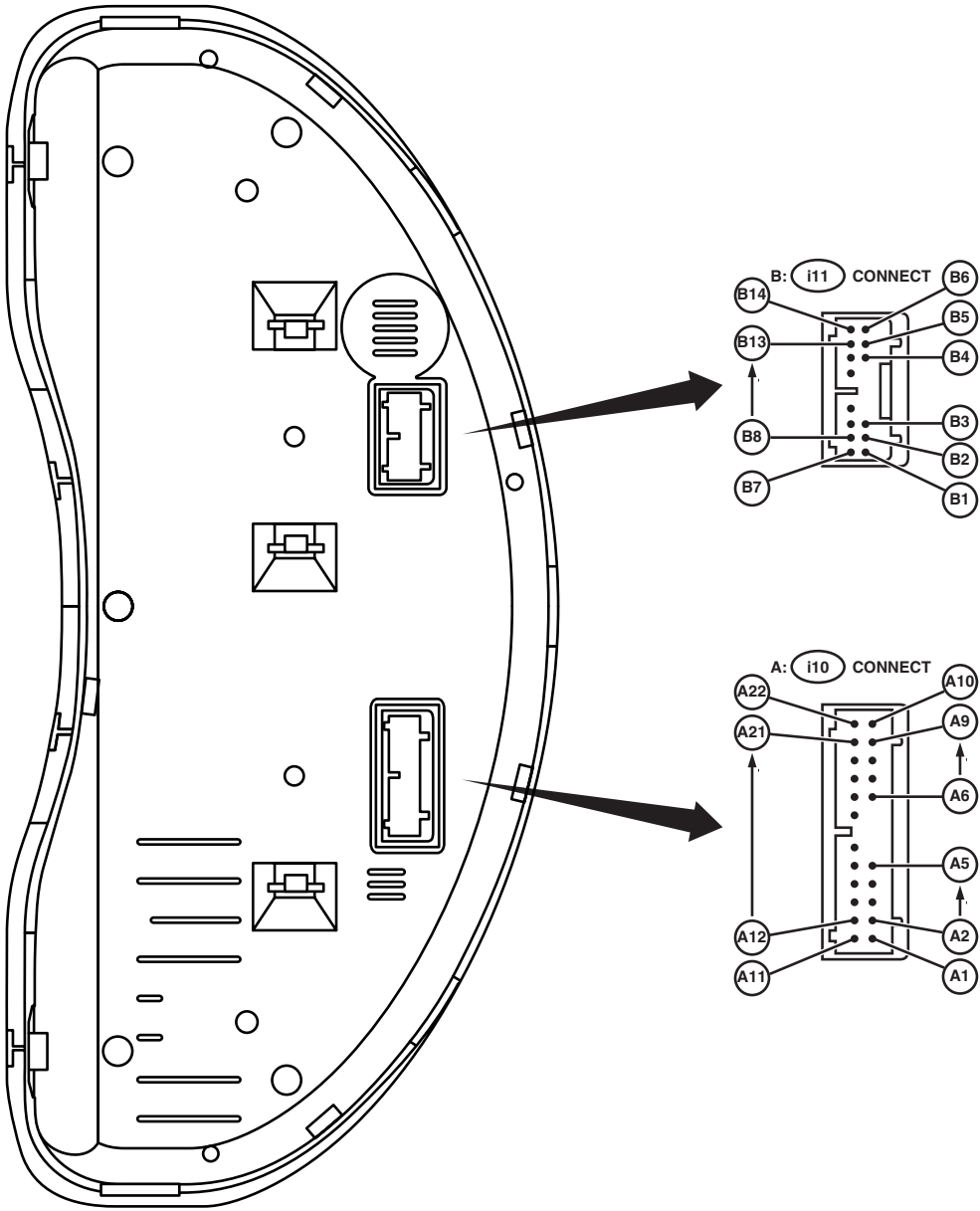


39. Combination Meter System

A: WIRING DIAGRAM

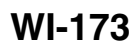
METER-01

METER-01





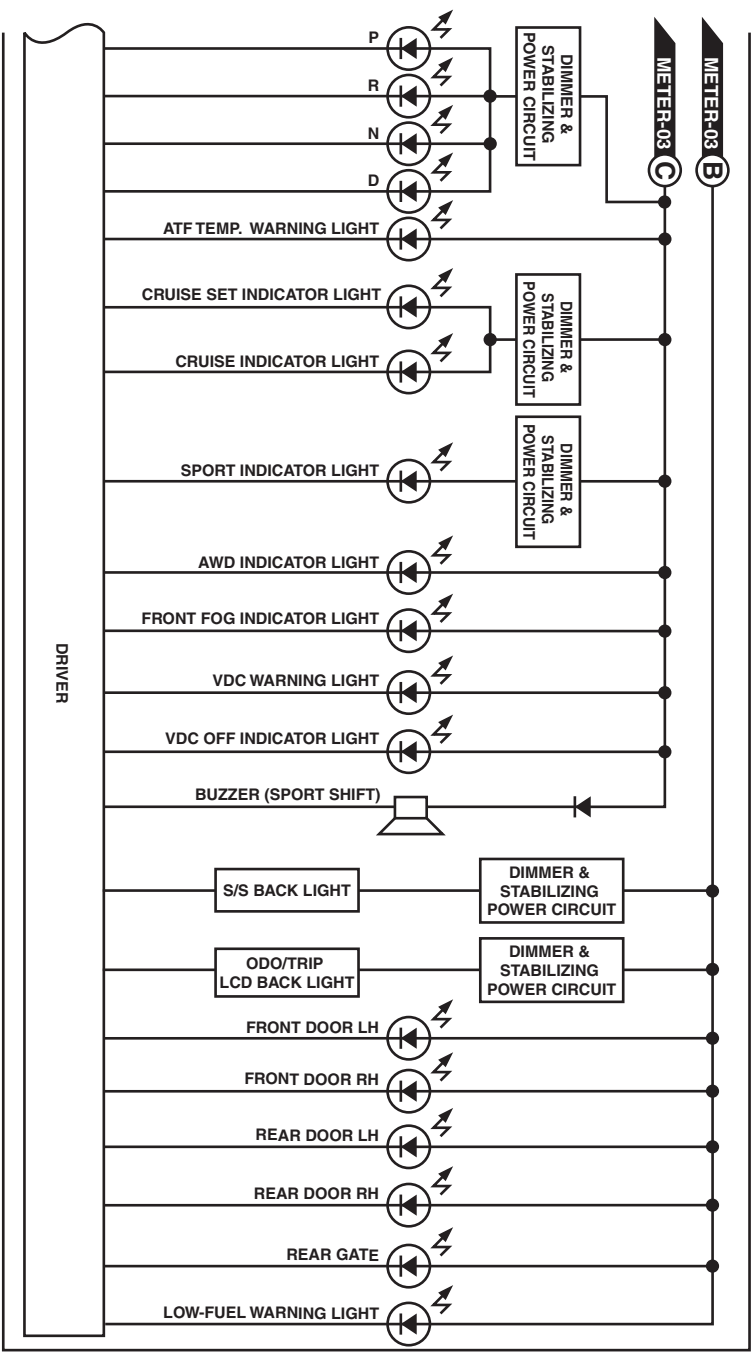
WIRING SYSTEM



Combination Meter System

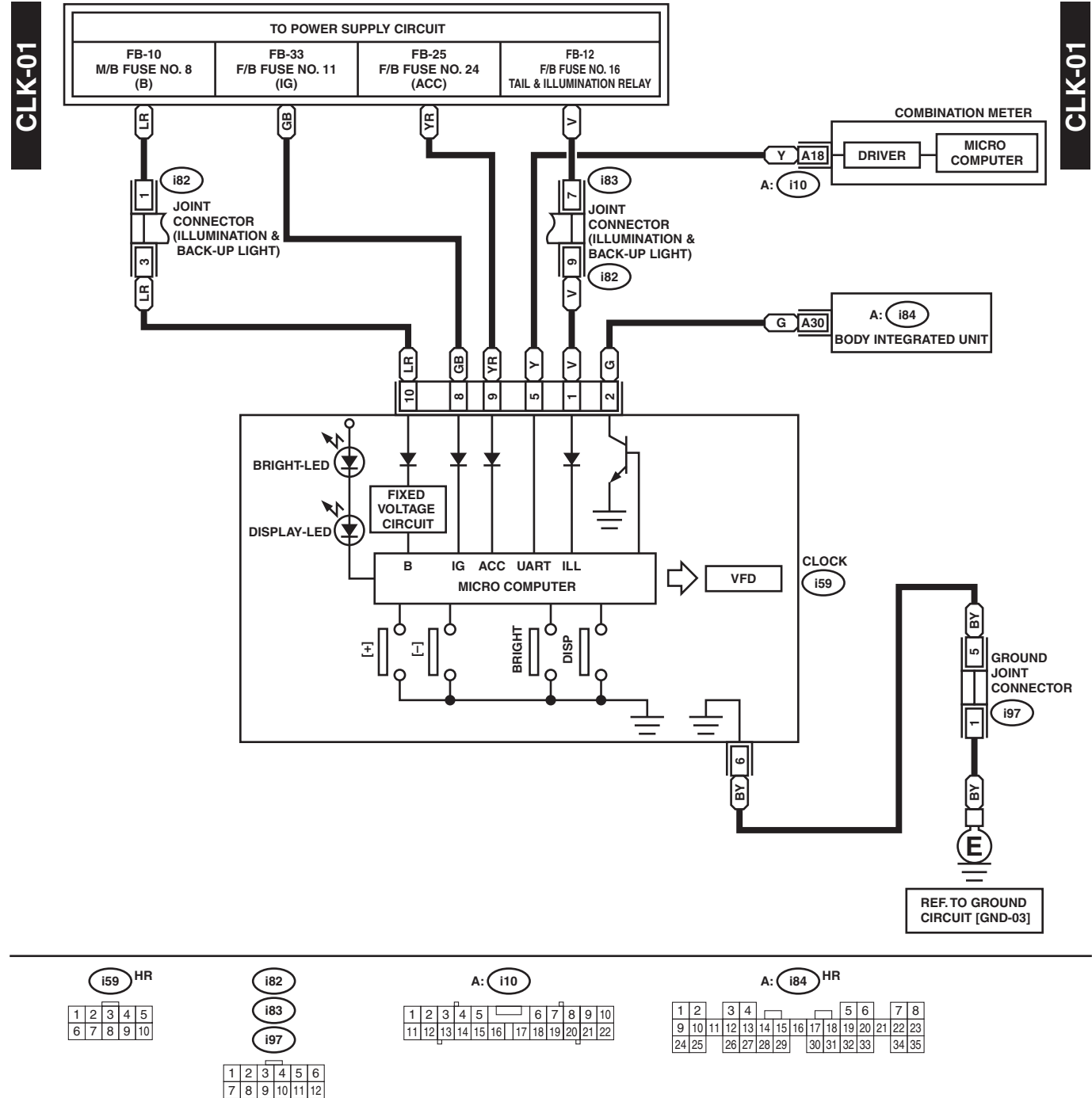
METER-04

METER-04



40.Clock System

A: WIRING DIAGRAM

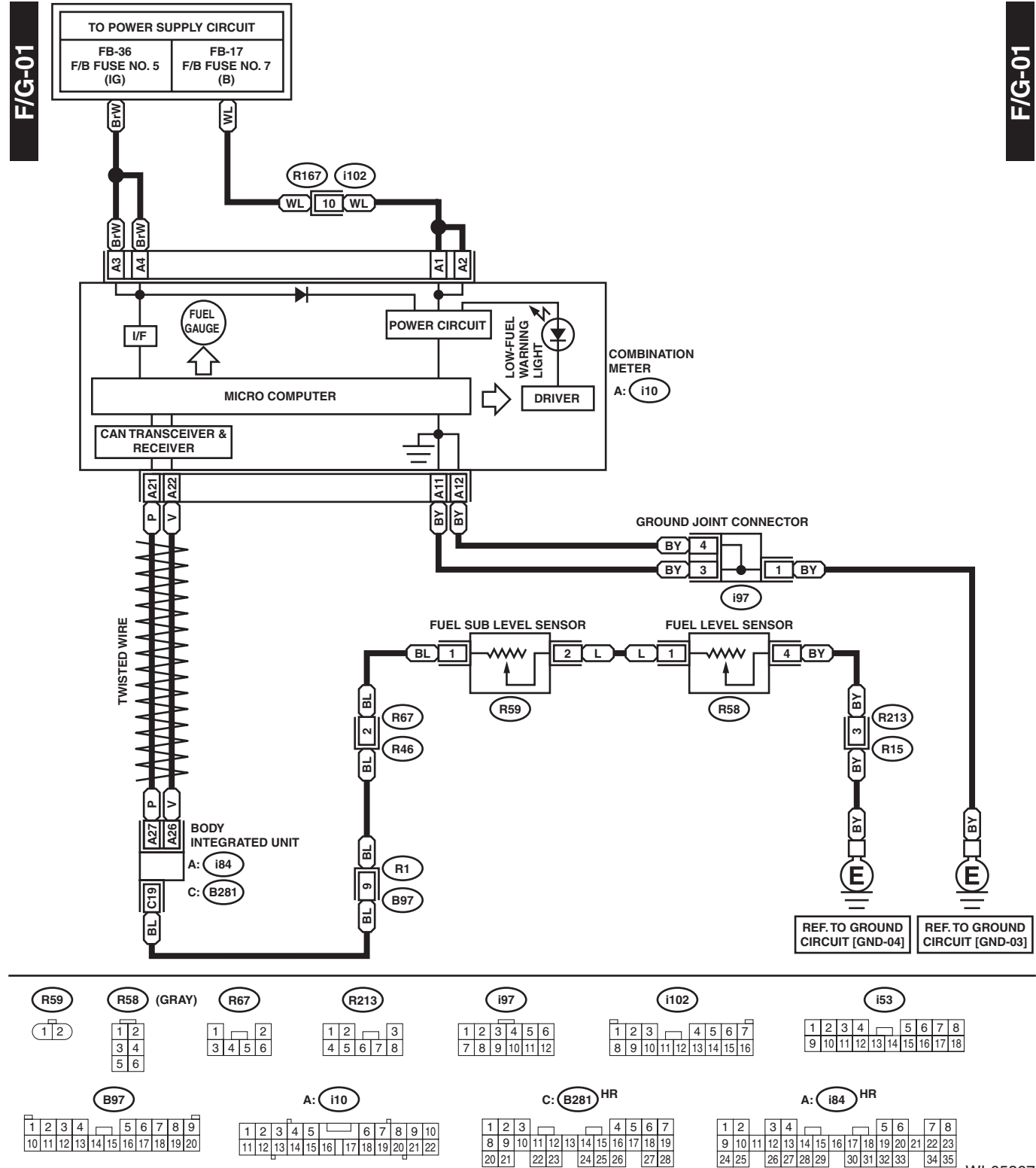


Fuel Gauge System

WIRING SYSTEM

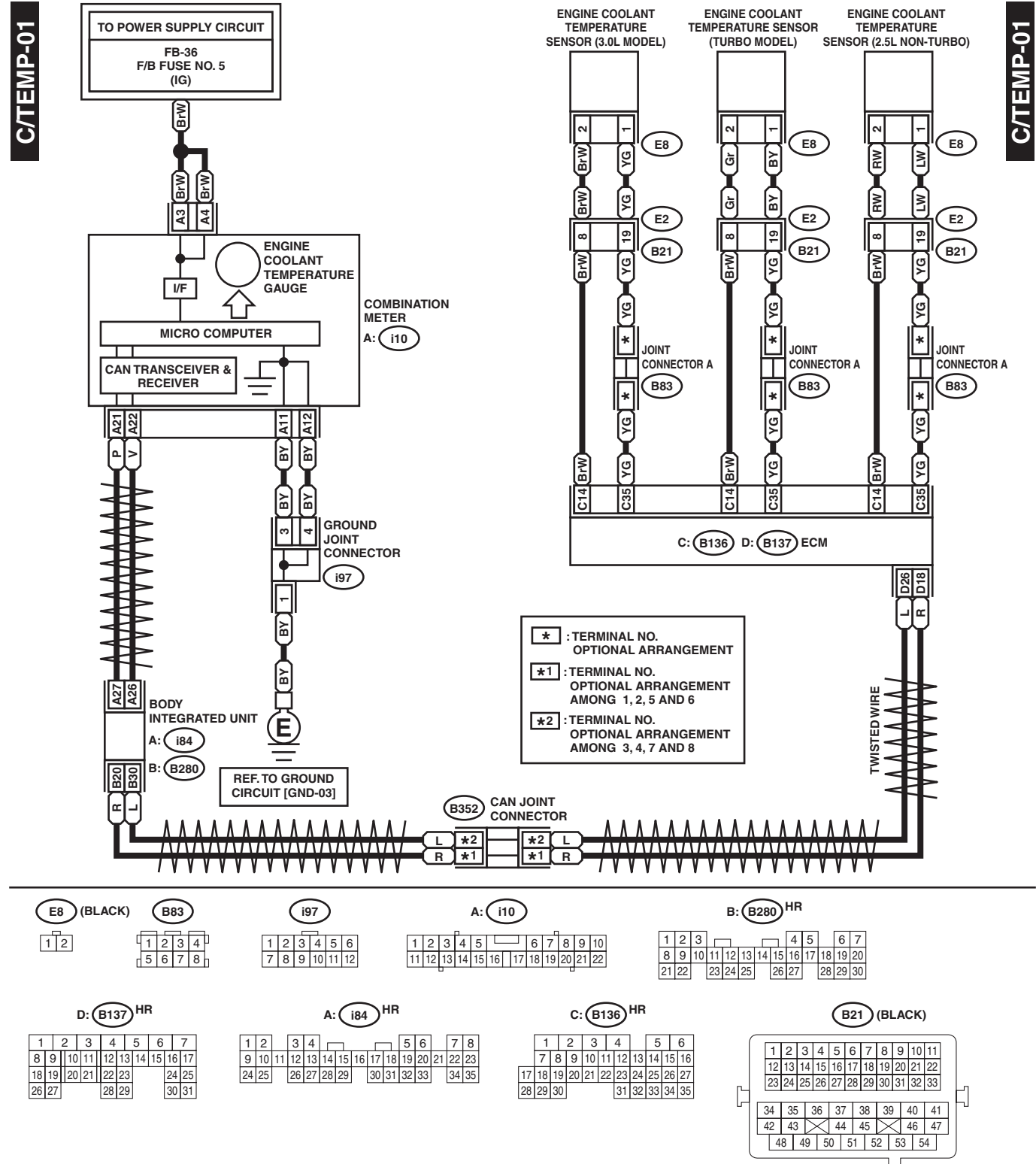
41. Fuel Gauge System

A: WIRING DIAGRAM



42. Coolant Temperature System

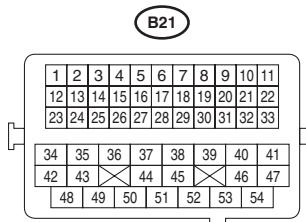
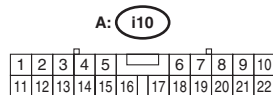
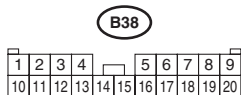
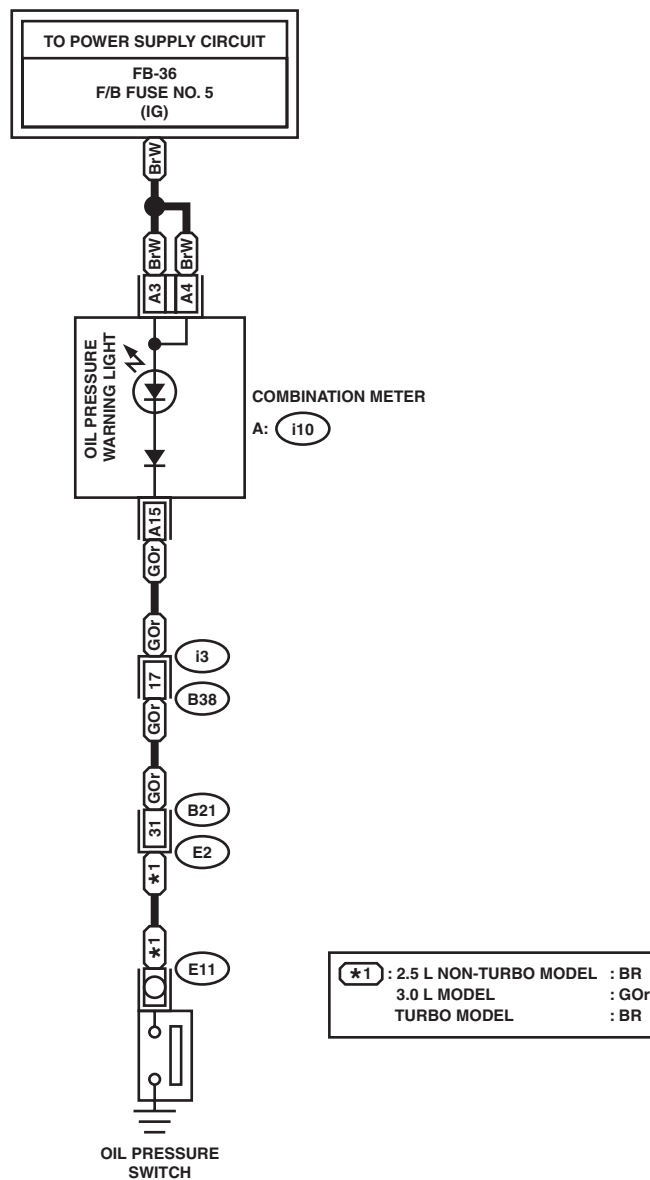
A: WIRING DIAGRAM



A: WIRING DIAGRAM

OIL/P-01

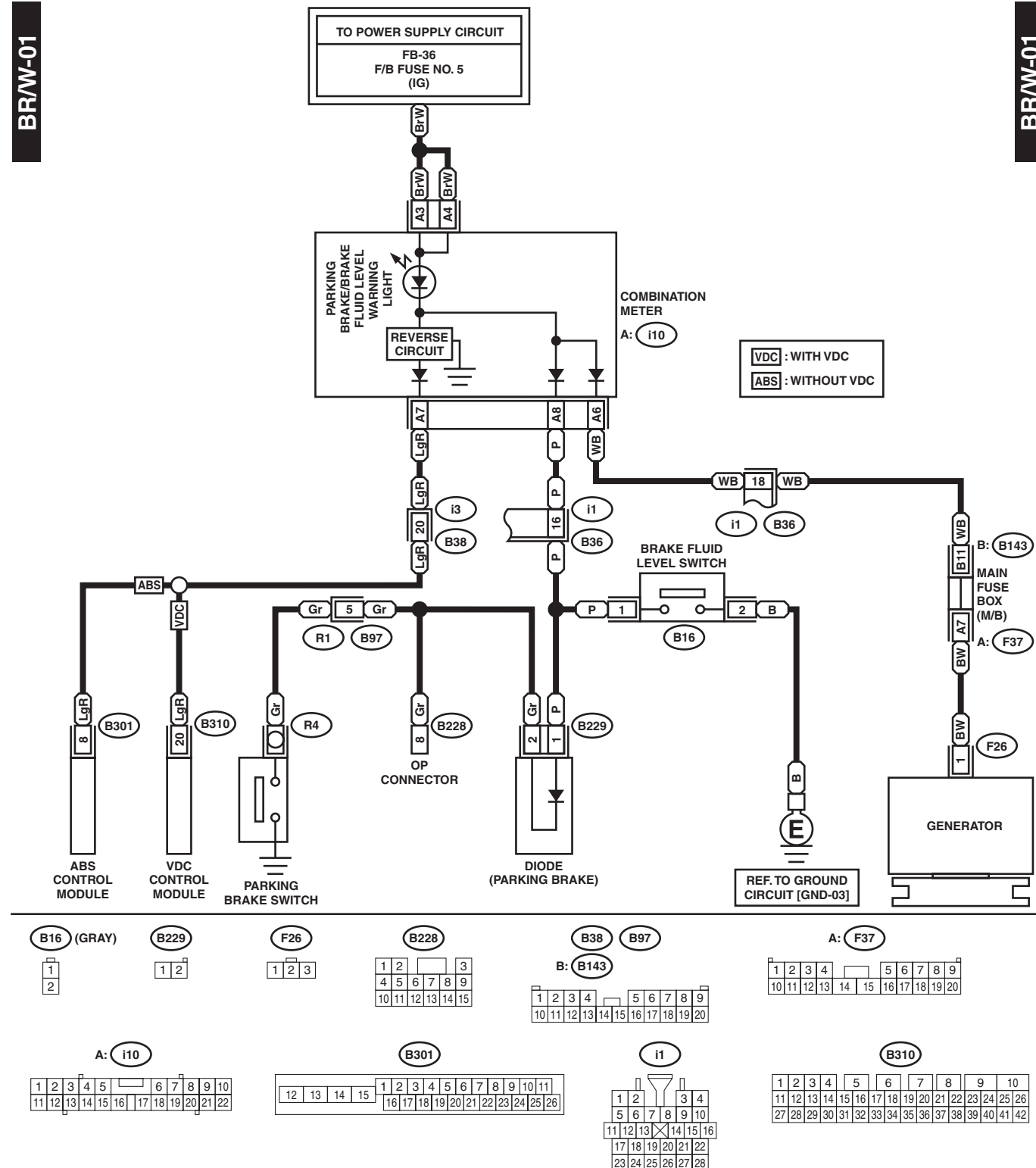
OIL/P-01



A: WIRING DIAGRAM

BR/W-01

BR/W-01

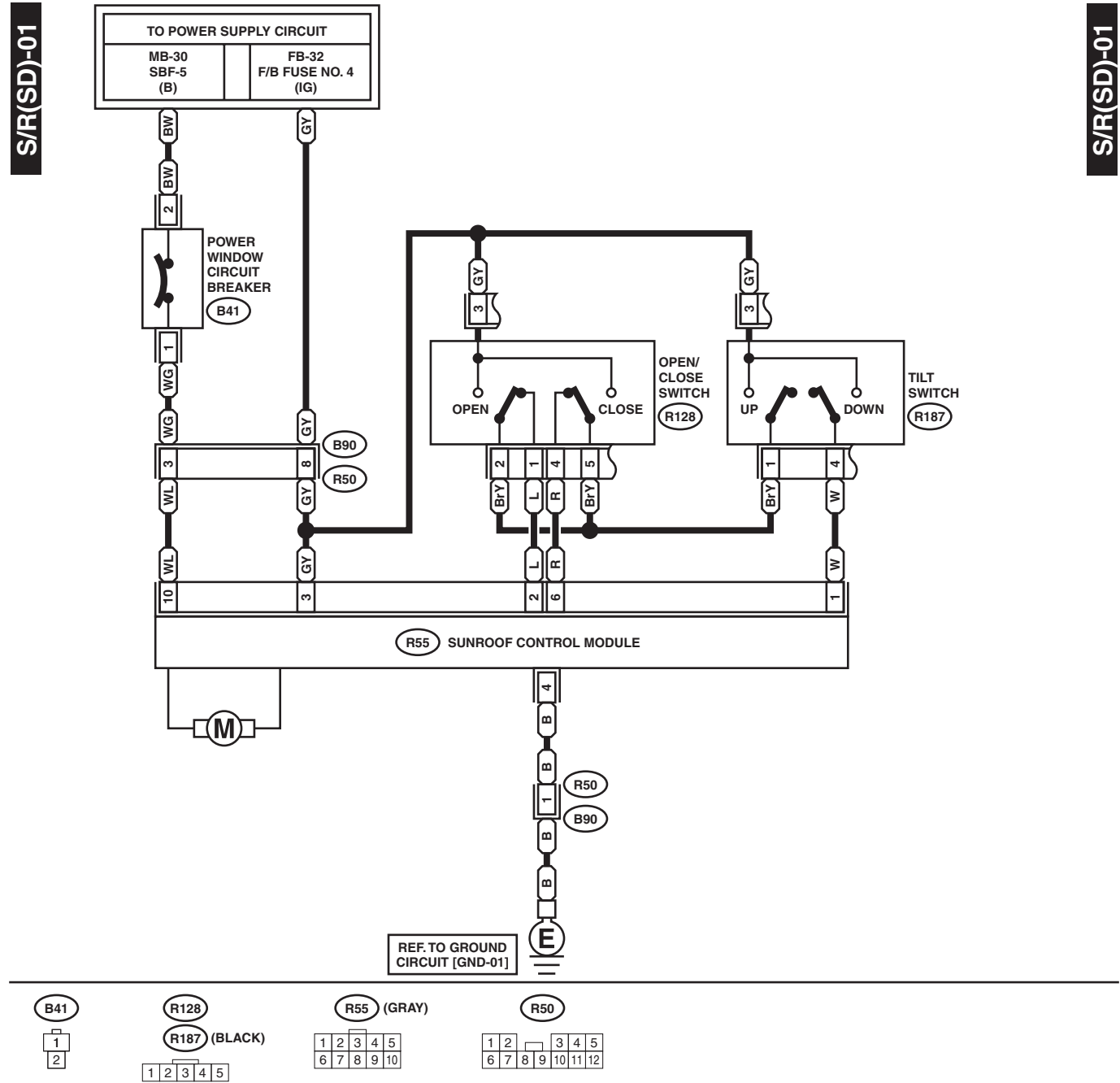


WI-05391

45.Sunroof Control System

A: WIRING DIAGRAM

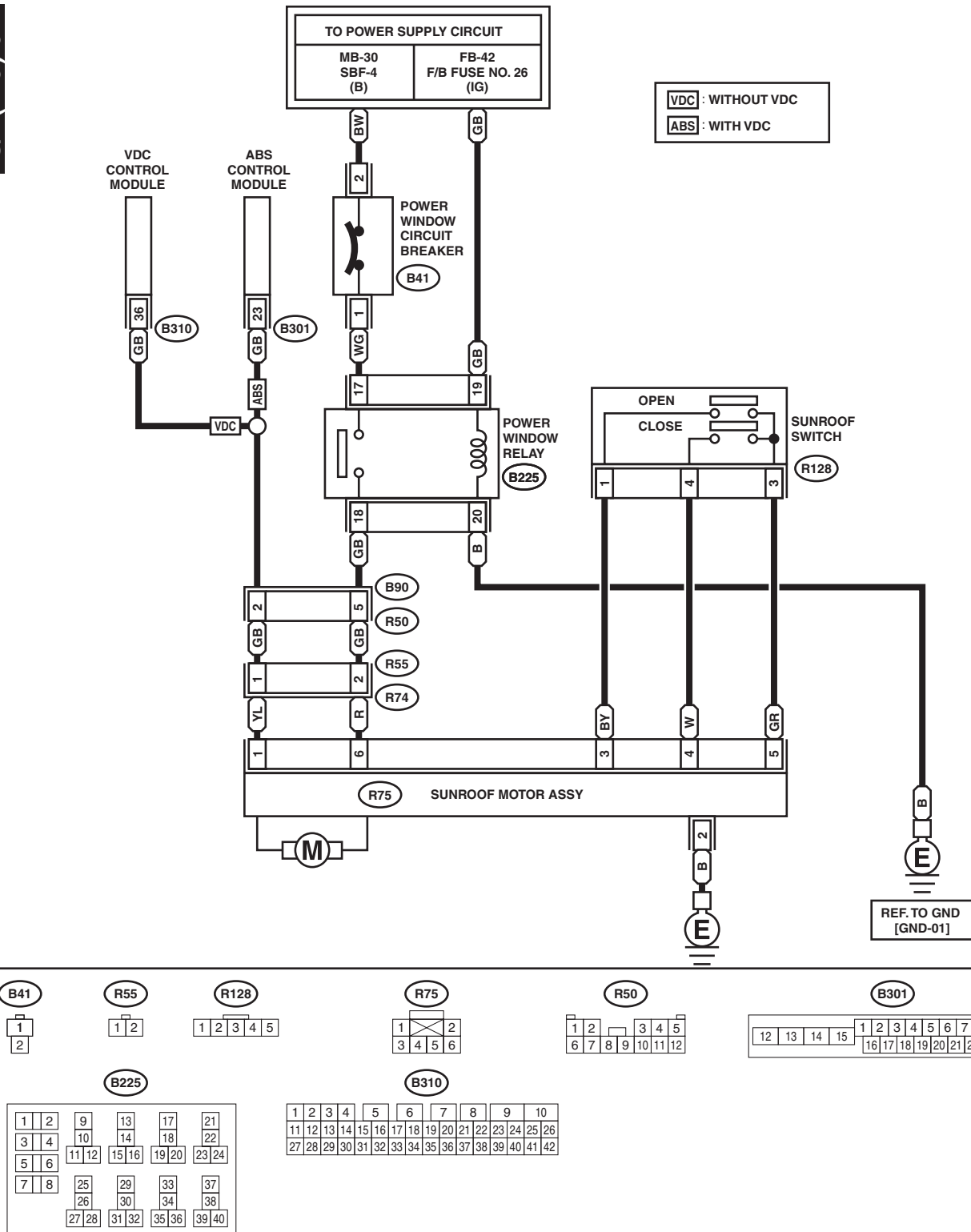
1. SEDAN MODEL



2. WAGON MODEL

S/R(WG)-01

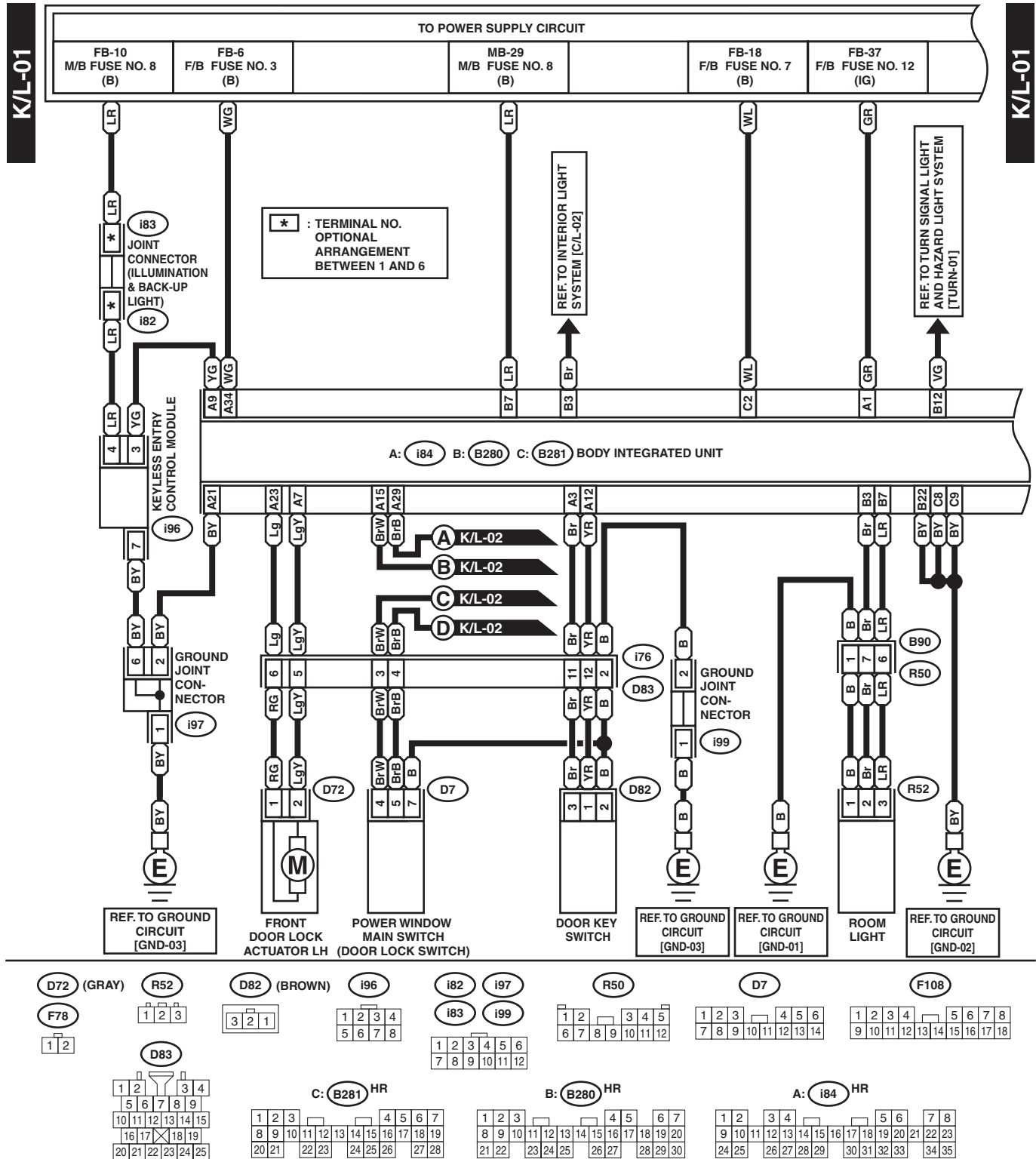
S/R(WG)-01



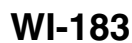
WI-18651

46.Keyless Entry System

A: WIRING DIAGRAM

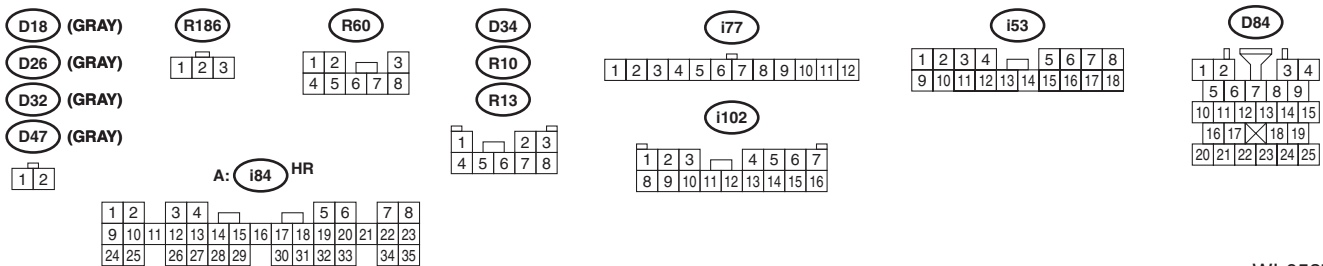
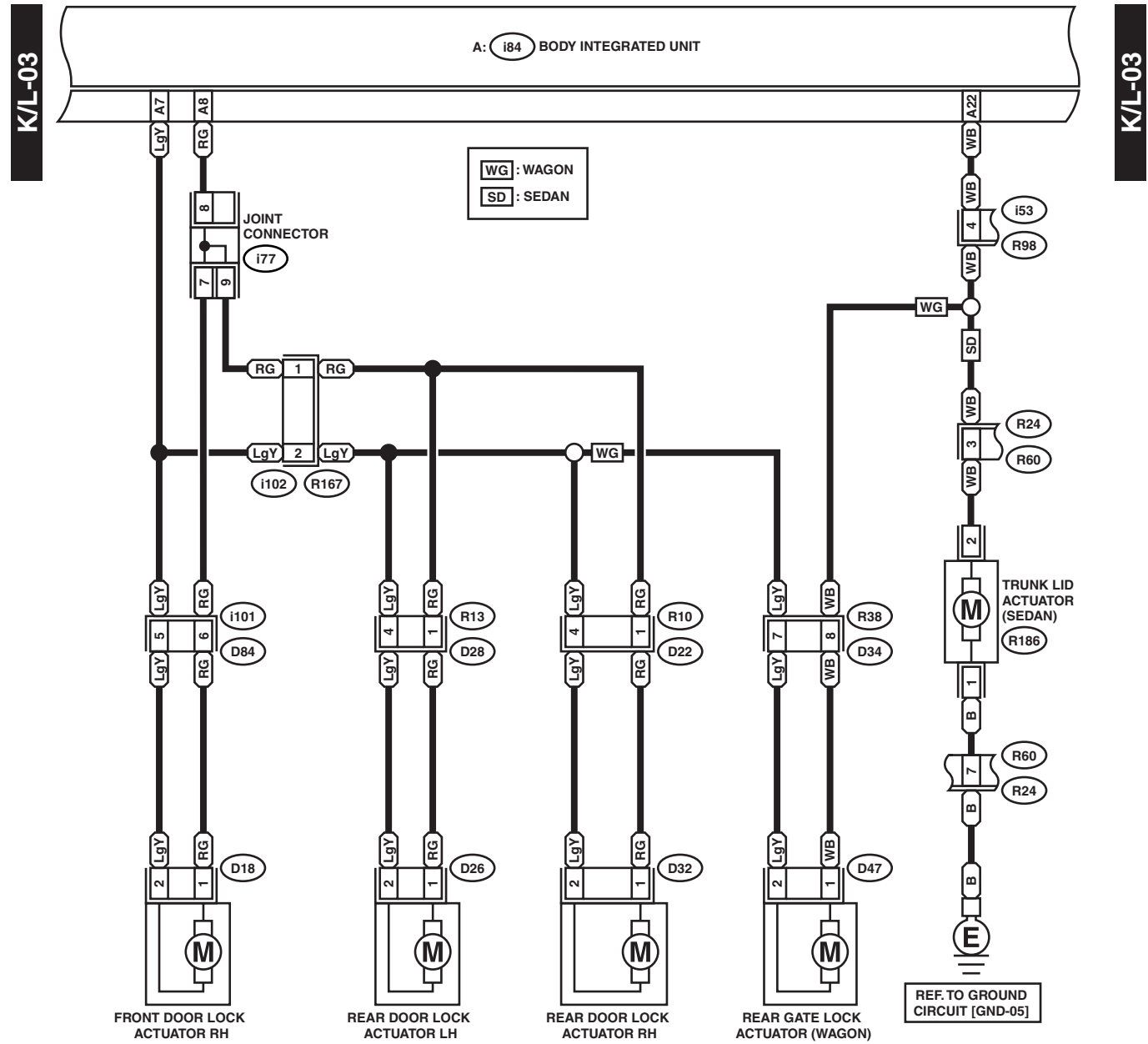


WIRING SYSTEM

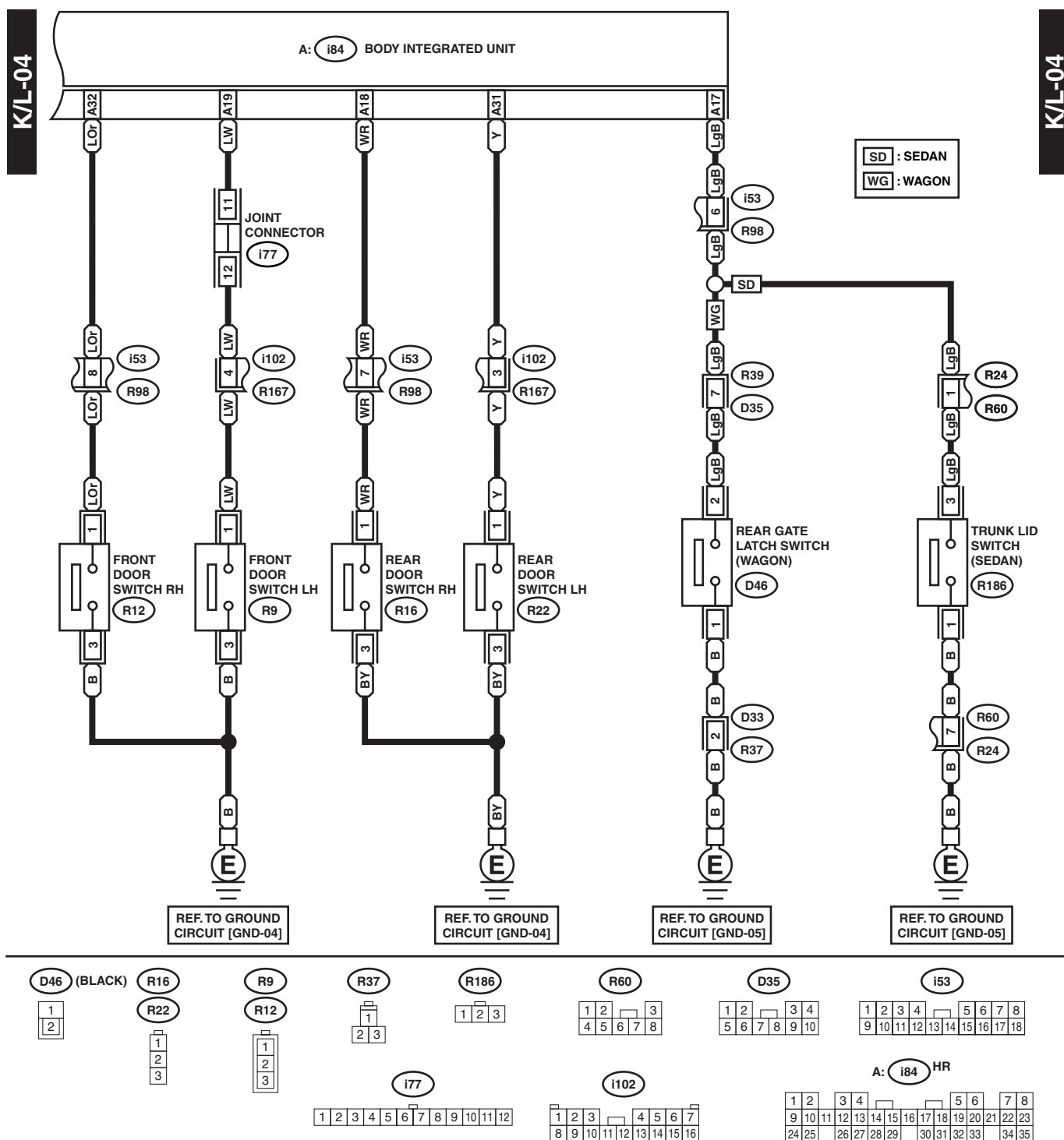


Keyless Entry System

WIRING SYSTEM

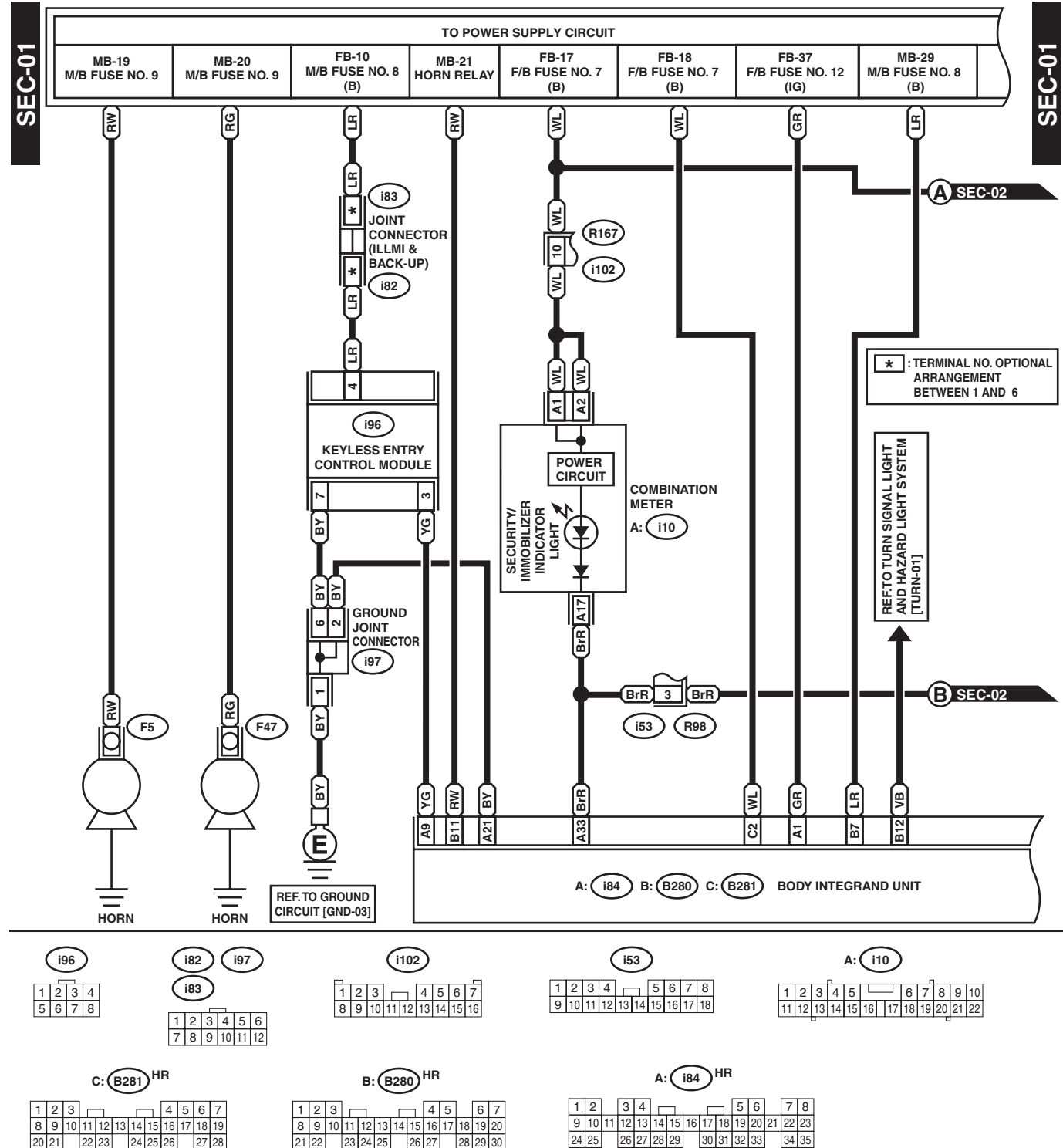


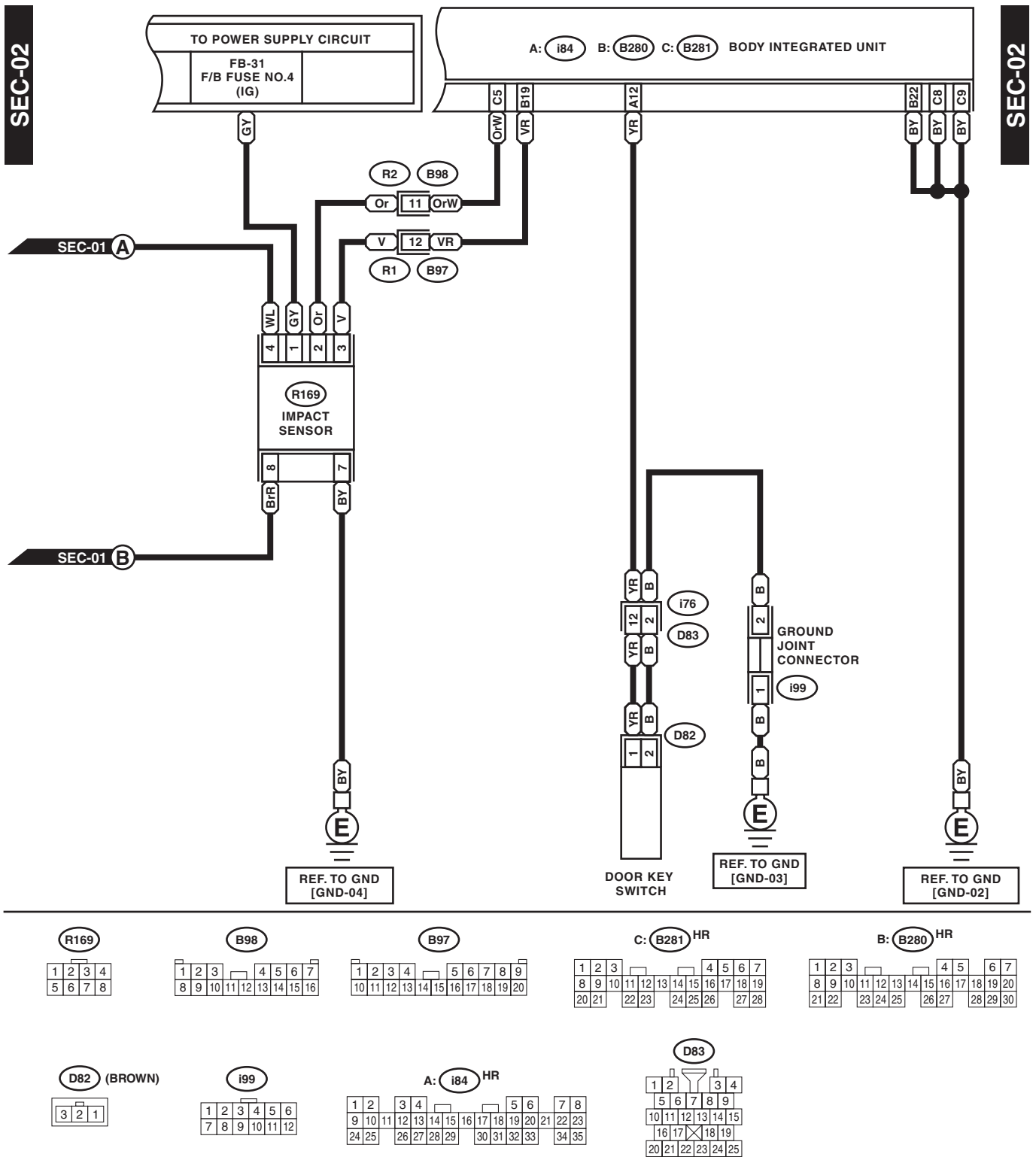
WI-05374



47. Security System

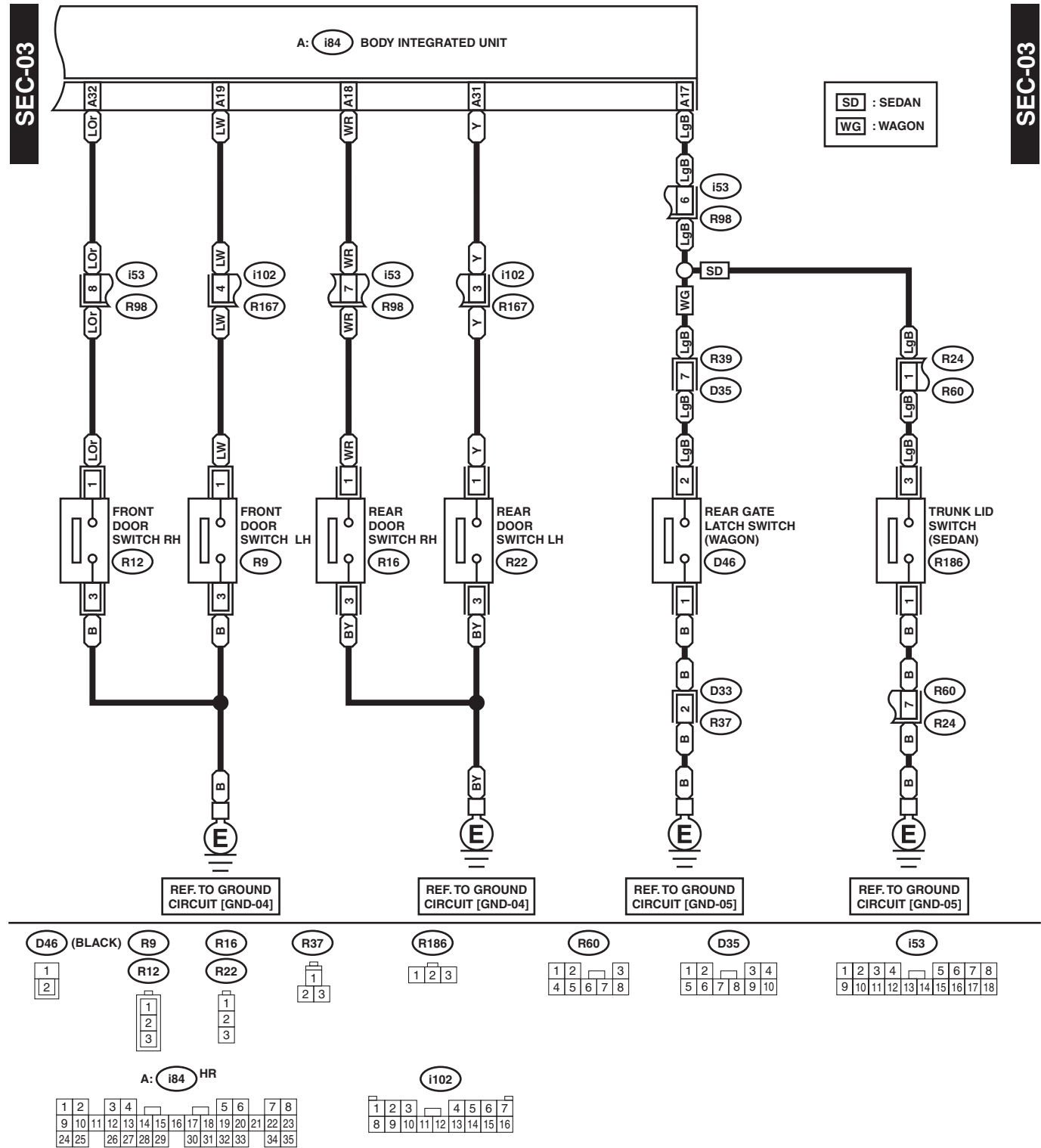
A: WIRING DIAGRAM





Security System

WIRING SYSTEM



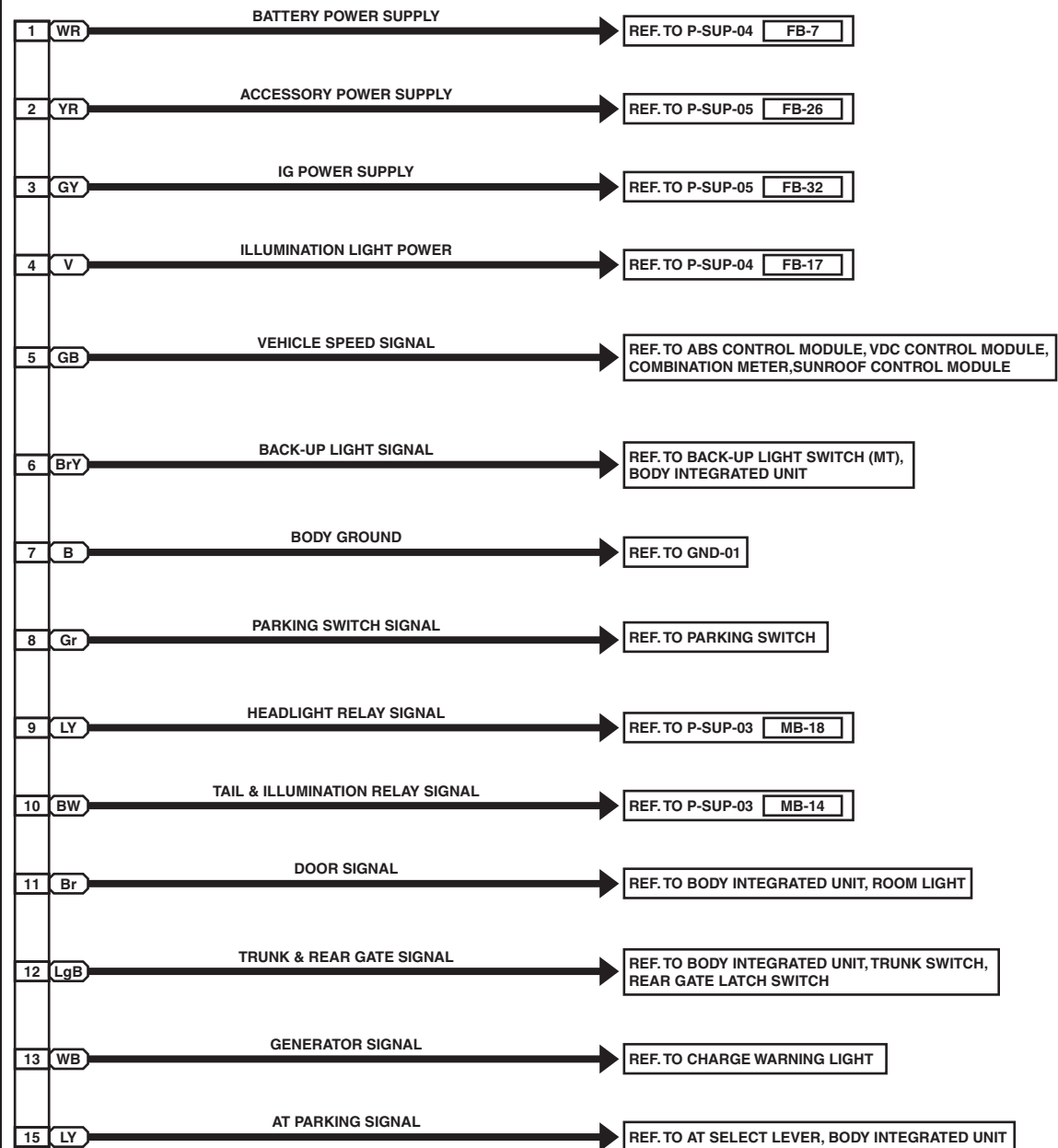
WI-05427

48.OP Connector System

A: WIRING DIAGRAM

OP-C-01

OP-C-01



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

B228

B228

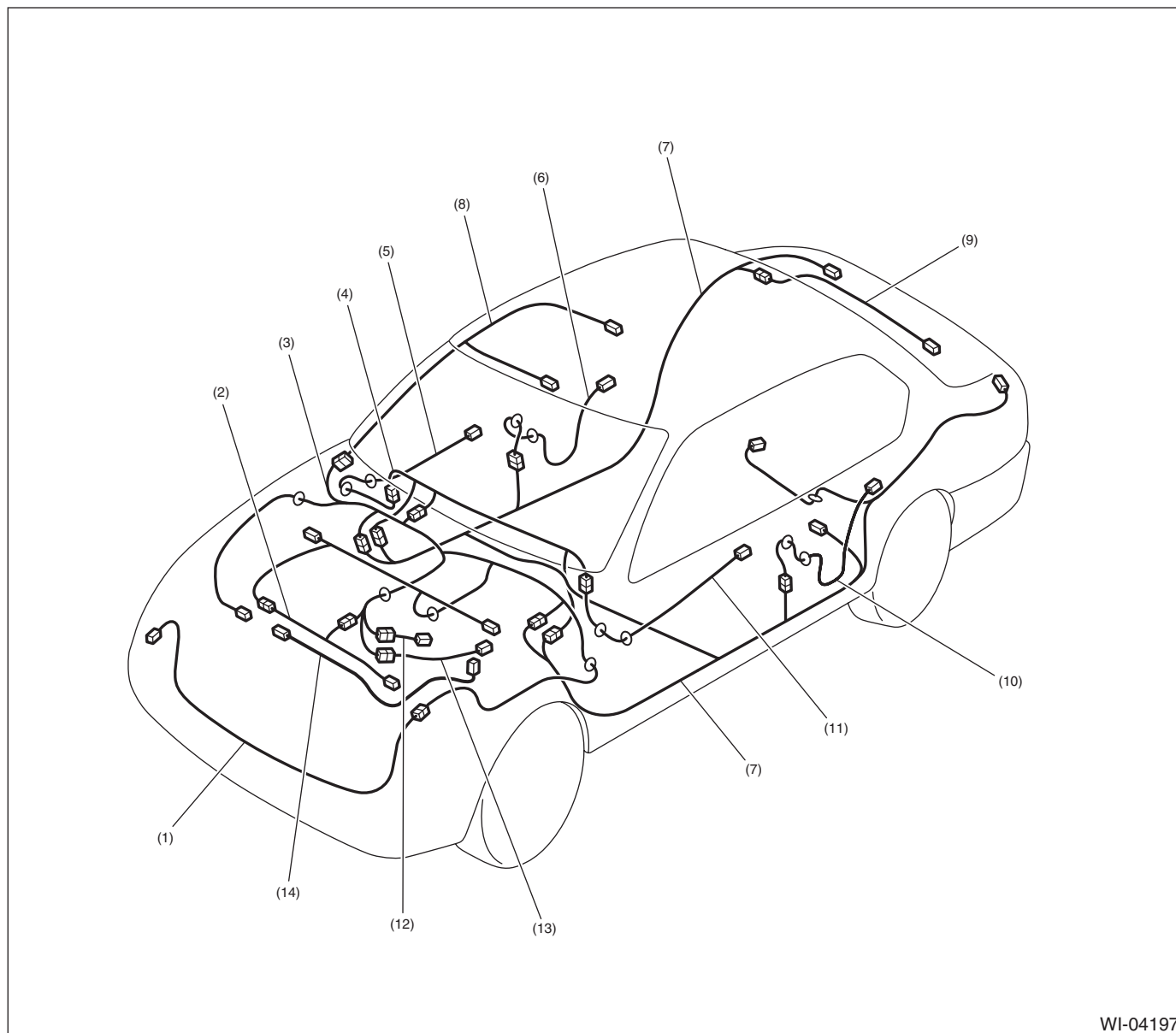
Harness Components Location

WIRING SYSTEM

49. Harness Components Location

A: LOCATION

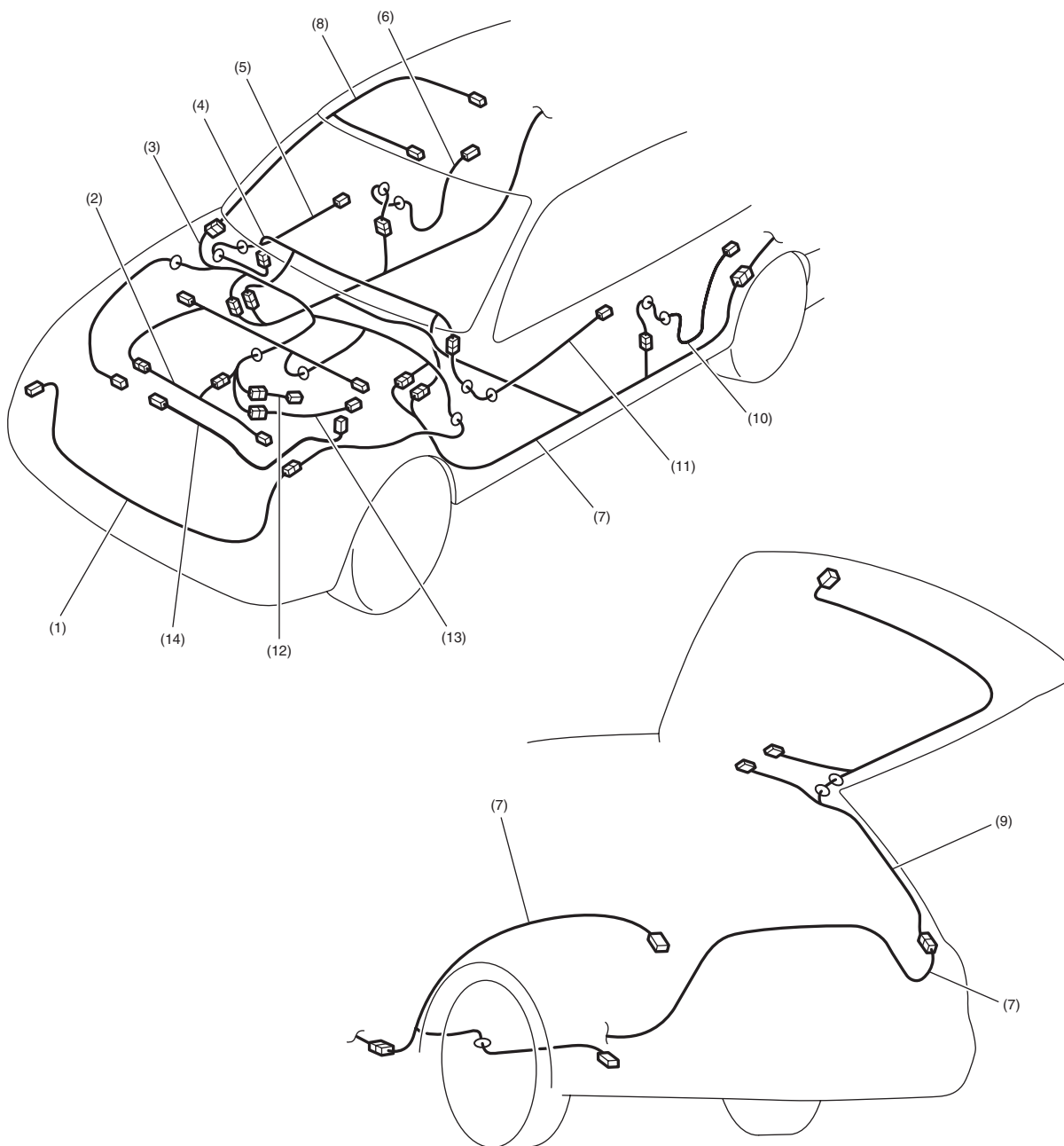
1. SEDAN MODEL



WI-04197

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

2. WAGON MODEL



WI-04199

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

Front Wiring Harness

WIRING SYSTEM

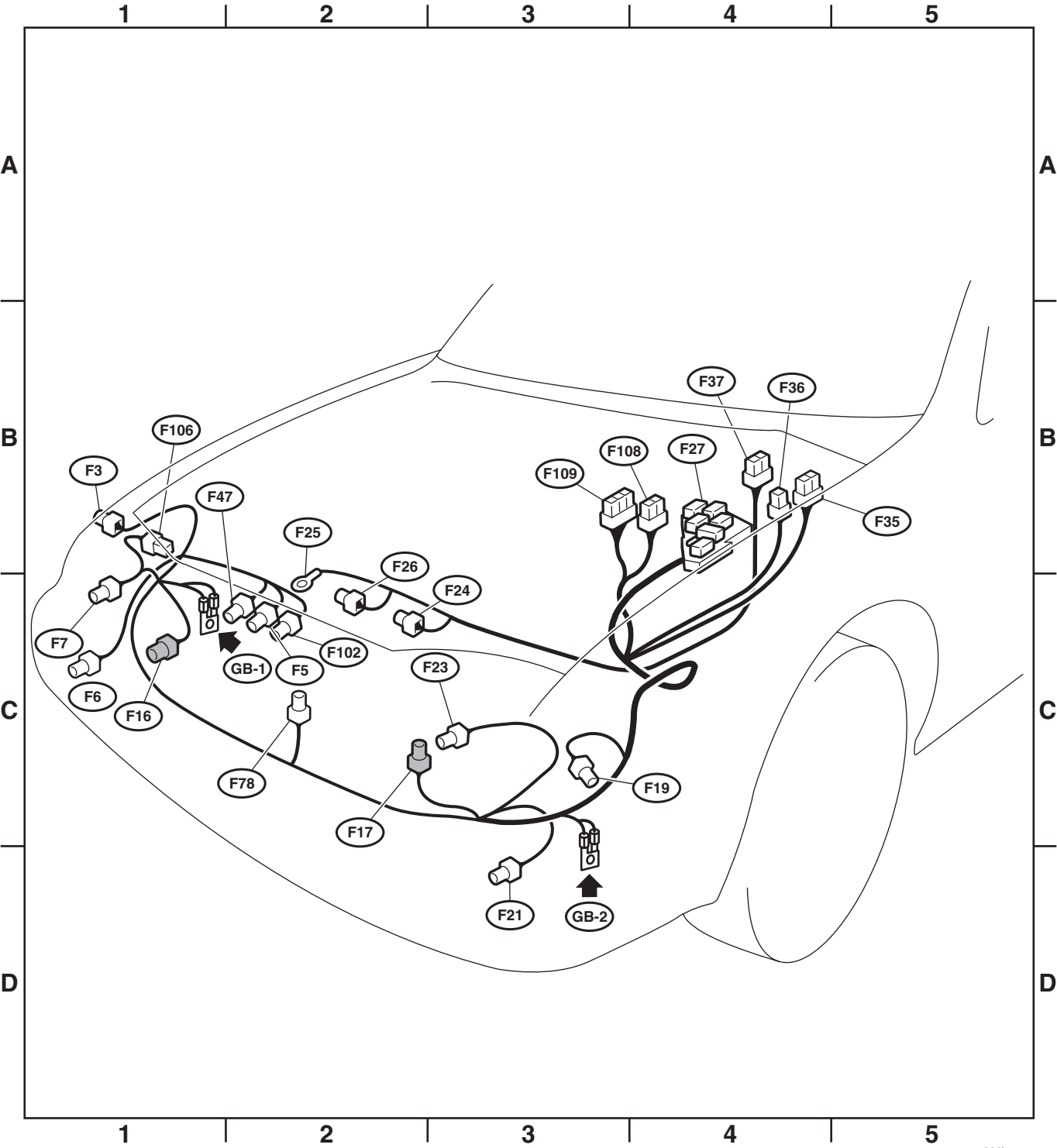
50.Front Wiring Harness

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
F3	3	★	B-1		Front turn signal light RH
F5	1	★	C-2		Horn
F6	2	★	C-1		Front fog light RH
F7	3	★	C-1		Headlight and front clearance light RH
F16	2	Black	C-1		Sub fan motor (H4 Turbo model)
		Black	C-1		Sub fan motor (H4 Non-turbo model)
F17	2	Gray	C-2		Main fan motor (H4 Turbo model)
		Black	C-2		Main fan motor (H4 Non-turbo model)
F17	2	★	C-2		PWM controller (H6 model)
F19	3	★	C-3		Front turn signal light LH
F21	2	★	D-3		Front fog light LH
F23	3	★	C-3		Headlight and front clearance light LH
F24	2	★	C-2		A/C compressor
F25	1	★	C-2		Generator terminal B
F26	3	Green	C-2		Generator
F27	31	★	B-4		Relay holder
F35	12	Blue	B-4		Main fuse box (M/B)
F36	7	★	B-4		
F37	20	★	B-4		
F47	1	★	C-2		Horn
F78	2	★	C-2		Ambient sensor
F102	2	★	B-2		Keyless buzzer
F106	3	★	B-1		PWM controller (H6 model)
F108	18	★	B-4	B361	Through joint connector
F109	24	★	B-3	B360	
★: Non-colored					

Front Wiring Harness

WIRING SYSTEM



WI-05430

Bulkhead Wiring Harness (In Engine Compartment)

WIRING SYSTEM

51.Bulkhead Wiring Harness (In Engine Compartment)

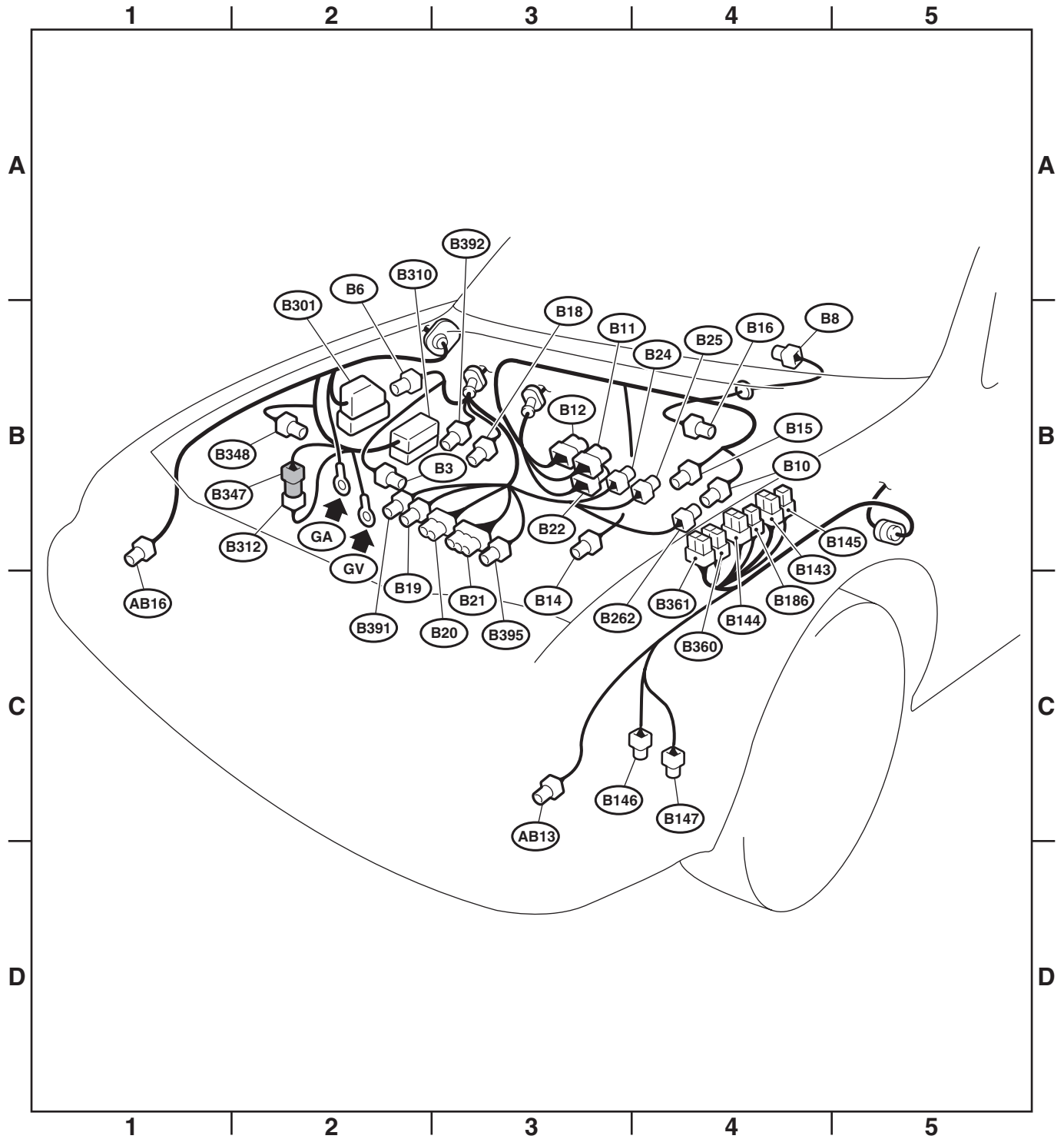
A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B3	5	★	B-2		Mass air flow sensor
B6	2	★	B-2		Front ABS wheel speed sensor RH
B8	5	★	B-4		Front wiper motor
B10	4	★	B-4		A/C pressure switch
B11	20	Gray	B-3	T4	Transmission (AT model)
B12	8	Brown	B-3	T3	Transmission (H4 non-turbo AT model)
	12	Gray	B-3	T3	Transmission (Turbo AT and H6 AT model)
B14	1	Black	B-3		Stater (magnet)
B15	2	★	B-4		Front ABS wheel speed sensor LH
B16	2	Gray	B-4		Brake fluid level switch
B18	4	★	B-3		Front oxygen sensor
B19	4	★	B-2	T5	Rear oxygen sensor cord (H4 model)
B20	16	★	B-3	E1	Engine wiring harness
B21	54	★	B-3	E2	
B22	16	★	B-3	E3	Engine wiring harness (H6 model)
B24	2	★	B-3	T1	Back-up light switch (MT model)
B25	2	Brown	B-4	T2	Neutral position switch (MT model)
B143	20	★	B-4		Main fuse box (M/B)
B144	9	Brown	B-4		
B145	7	Brown	B-4		
B146	2	★	C-4		Front washer motor
B147	2	★	C-4		Rear washer motor
B186	8	★	B-4		Main fuse box (M/B)
B262	4	★	B-4		Front oxygen sensor RH (H4 model)
B301	26	★	B-2		ABS control module
B310	42	★	B-2		VDC control module
B312	2	★	B-2	B347	Shield joint connector (VDC)
B347	2	★	B-2	B312	
B348	3	★	B-2		Pressure sensor
B360	16	Gray	B-4	F109	Through joint connector
B361	14	★	B-4	F108	
B391	4	★	B-2		Neutral position switch (MT model)
B392	2	★	B-3		Exhaust gas temperature sensor
B395	6	Gray	B-3		A/F sensor (H4 model)
★: Non-colored					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB13	2	★	C-3		Front sub sensor LH
AB16	2	★	B-1		Front sub sensor RH
★: Non-colored					

Bulkhead Wiring Harness (In Engine Compartment)

WIRING SYSTEM



WI-05431

Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM

52. Bulkhead Wiring Harness (In Compartment)

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B31	12	Yellow	C-1	AB1	Airbag wiring harness
B32	8	★	C-2		Turn signal and hazard module
B36	28	★	B-2	i1	Instrument panel wiring harness
B37	8	★	C-5	i2	Instrument panel wiring harness (Manual A/C)
B38	20	★	B-5	i3	Instrument panel wiring harness
B40	16	★	C-2		Data link connector
B41	2	★	B-2		Power window circuit breaker
B47	6	Brown	B-5		Main relay
B52	24	★	C-2		Fuse & relay box (F/B)
B53	20	★	C-3		Shield joint connector (4AT model)
B54	24	White	C-3		TCM
B55	24	Gray	C-3		TCM (5AT model)
B65	4	Black	B-3		Stop and brake switch (Model with cruise control)
B68	8	★	B-3		Roll connector
B69	4	★	B-3		Parking switch
B70	18	★	B-3		Combination switch
B71	17	★	B-3		
B72	6	White	B-3		Ignition switch
B75	2	Green	C-4	B76	Test mode connector
B76	2	Green	C-4	B75	
B77	5	★	B-4		Mode actuator (Auto A/C)
B79	14	Gray	C-3		Check connector
B81	1 × 2	★	C-2		Diagnosis terminal
B82	8	White	C-2		Diagnosis connector
B83	8	★	C-5		Joint connector
B85	2	★	B-2		Diode (Light)
B86	4	★	B-4		Blower fan controller (Auto A/C)
B87	2	Black	B-5		Blower fan motor
B88	5	★	B-4		Evaporator thermo switch (Manual A/C)
	2	★			Evaporator thermo switch (Auto A/C)
B90	12	★	B-5	R50	Roof cord
B91	7	Green	B-4		FRESH/RECIRC actuator
B96	8	★	B-1		Daytime running light control module
B97	20	★	C-1	R1	Rear wiring harness
B98	16	★	B-5	R2	
B106	2	★	B-2		Clutch switch
B107	2	Blue	B-2		Clutch switch (Model with cruise control)
B116	10	★	D-4		Select lever (AT model)
B122	8	★	C-5		Joint connector (E/G)
B134	34	★	C-4		ECM
B135	35	★	C-4		ECM
B136	35	★	C-4		ECM
B137	31	★	C-4		ECM
B138	8	★	C-5		Joint connector (H4 model)
B152	10	★	C-2		Fuse & relay box (F/B)
B158	8	★	C-2		Fuse & relay box (F/B)
B159	9	Brown	C-2		Fuse & relay box (F/B)

Bulkhead Wiring Harness (In Compartment)

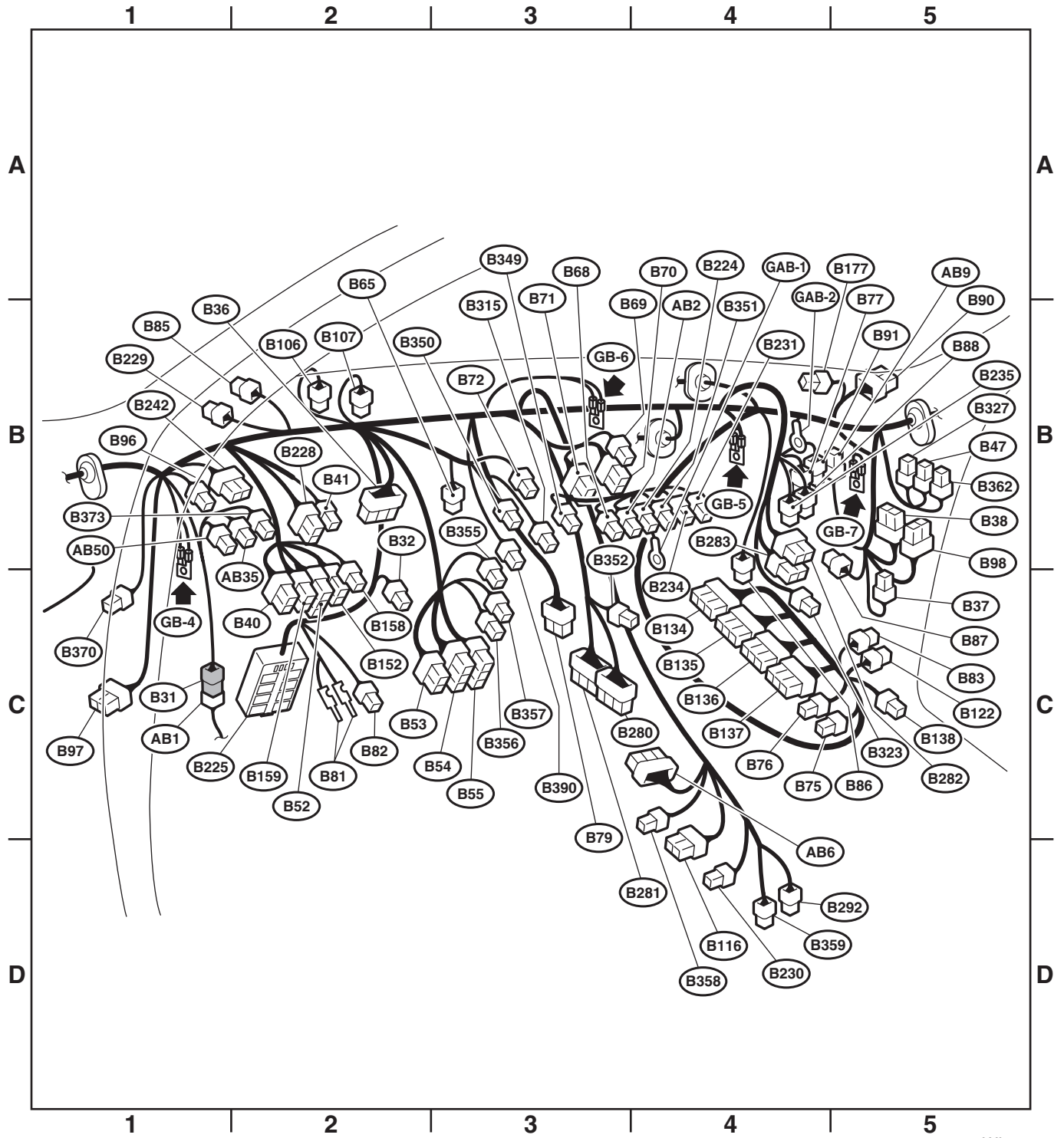
WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B177	2	★	B-4		Wiper deicer
B224	2	★	B-4		Key switch illumination
B225	40	★	C-2		Fuse (Relay block)
		★			Mirror heater relay
		★			Starter relay
		★			Front fog light relay
		★			Power window relay
		★			Blower fan relay
		★			Rear fog light relay
		★			Wiper deicer relay
		★			Seat heater relay
B228	15	★	B-2		OP connector
B229	2	★	B-1		Diode (Parking brake)
B230	6	★	D-4		Yaw rate sensor (VDC)
B231	4	★	B-4		Steering angle sensor (VDC)
B234	8	★	B-4		CAN joint connector (VDC)
B235	7	Green	B-4		Passenger seat air mix actuator (Auto A/C)
B242	10	★	B-1		Daytime running light control module
B280	30	★	C-3		Body integrated unit
B281	28	★	C-3		
B282	16	★	B-4		Auto A/C control module
B283	20	★	B-4		
B292	3	★	D-4		ABS G sensor
B315	6	★	B-3		Accelerator pedal position sensor
B323	5	★	C-4		Security relay
B327	6	Brown	B-5		Oxygen (A/F) sensor relay
B349	2	★	B-3		Diode (Wiper)
B350	4	White	B-3		Key actuator
B351	2	Brown	B-4		Antenna (Model with immobilizer)
B352	8	★	C-3		CAN joint connector
B355	8	★	B-3		CAN joint connector (TCM)
B356	4	★	C-3		Back-up light relay (5AT model)
B357	4	★	C-3		P-VIGN relay (5AT model)
B358	2	★	C-4		Select lever illumination (AT model)
B359	3	★	D-4		Lateral G sensor (5AT model)
B362	8	★	B-5		Relay holder
B370	2	Black	C-1		Diode (Engine status)
B390	7	Green	B-3		Driver seat air mix actuator (Auto A/C)
★: Non-colored					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB1	12	Yellow	C-1	B31	Airbag wiring harness
AB2	4	★	B-4	AB7	Inflator (Driver seat)
AB6	28	★	C-4		Airbag control module
AB9	4	★	B-5	AB10	Inflator (Passenger seat)
AB35	2	Black	B-2		Fuse & relay box (F/B)
★: Non-colored					

Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM



WI-05432

53.Engine Wiring Harness and Transmission Cord

A: LOCATION

1. 2.5 L NON-TURBO MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E1	16	Brown	A-3	B20	Bulkhead wiring harness
E2	54	Black	A-3	B21	
E4	2	Black	A-2		CPC Solenoid
E5	2	Light gray	B-1		Fuel injector No. 1
E6	2	Light gray	A-2		Fuel injector No. 3
E8	2	Black	B-2		Engine coolant temperature sensor and thermometer
E10	2	Light gray	B-3		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E12	4	Dark gray	A-2		Ignition coil & Ignitor ASSY
E14	2	Brown	A-4		Knock sensor
E15	2	Gray	B-4		Camshaft position sensor
E16	2	Light gray	B-4		Fuel injector No. 2
E17	2	Light gray	B-4		Fuel injector No. 4
E19	1	★	B-2		Power steering oil pressure switch
E20	2	Black	A-3		Intake air temperature sensor
E21	3	Gray	A-3		Manifold absolute pressure sensor
E24	4	Gray	B-2		Front oxygen (A/F) sensor
E78	6	Black	A-3		ETB
★: Non-colored					

• AT model

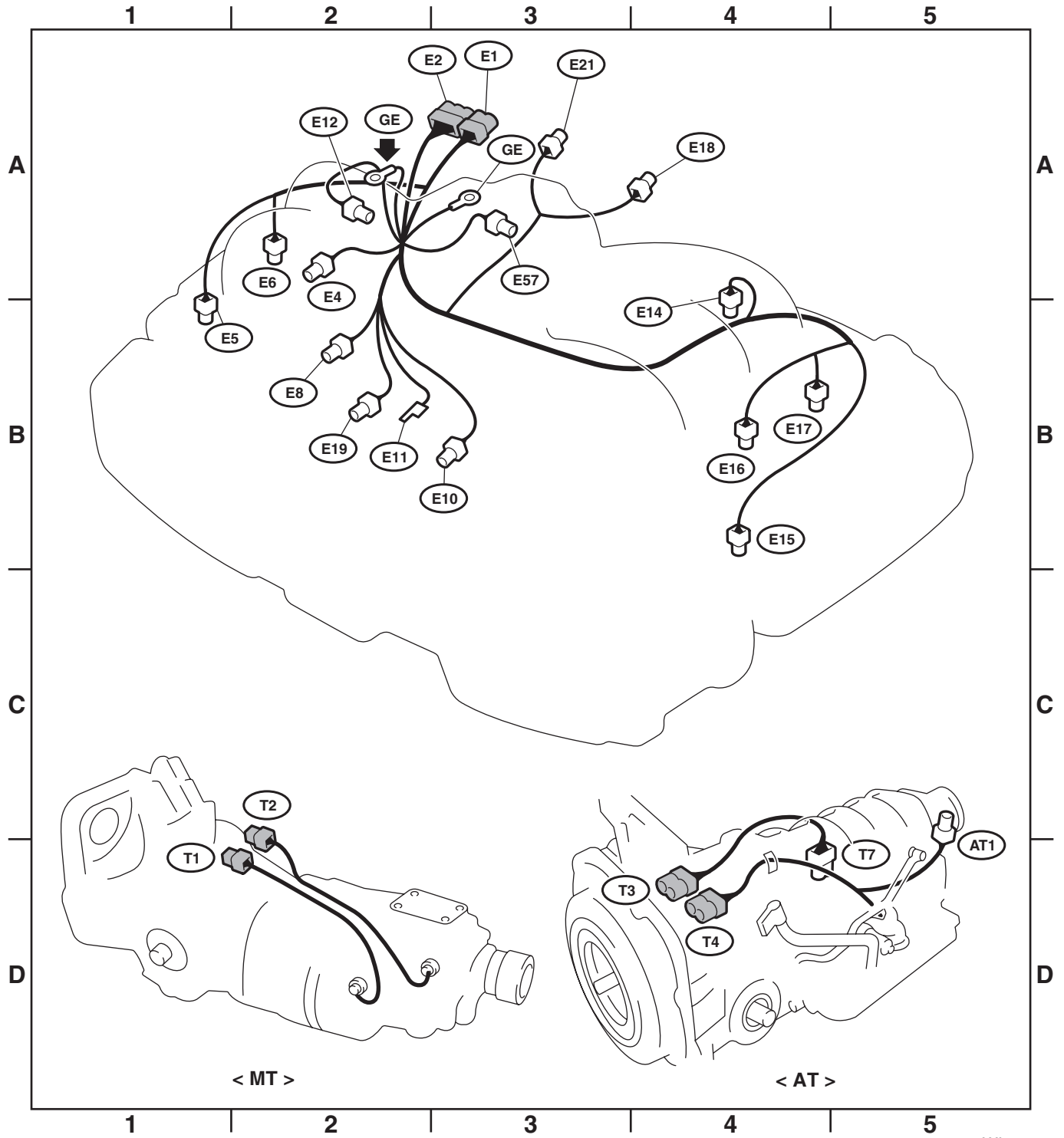
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T3	12	★	D-4	B12	Bulkhead wiring harness
T4	20	Black	D-4	B11	
T5	4	Green	C-3	B19	
T6	4	Dark gray	D-5		Rear oxygen sensor
T7	12	★	D-4		Inhibitor switch
★: Non-colored					

• MT model

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

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM



WI-05433

2. 2.5 L NON-TURBO (U5) MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E1	16	Brown	A-3	B20	Bulkhead wiring harness
E2	54	Black	A-3	B21	
E4	2	Black	A-2		CPC Solenoid
E5	2	Light gray	B-1		Fuel injector No. 1
E6	2	Light gray	A-2		Fuel injector No. 3
E8	2	Black	B-2		Engine coolant temperature sensor and thermometer
E10	2	gray	B-3		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E12	4	Dark gray	A-2		Ignition coil & Ignitor ASSY
E14	2	Brown	A-4		Knock sensor
E15	2	Gray	B-4		Camshaft position sensor
E16	2	Light gray	B-4		Fuel injector No. 2
E17	2	Light gray	B-4		Fuel injector No. 4
E18	6	Dark gray	B-4		EGR valve
E19	1	★	B-2		Power steering oil pressure switch
E21	3	Black	A-3		Manifold absolute pressure sensor
E24	6	Gray	B-2		Front oxygen (A/F) sensor
E50	3	Black	A-4		TGV angle sensor LH
E51	2	Black	B-3		TGV LH
E54	3	Black	A-3		TGV angle sensor RH
E55	2	Black	B-1		TGV RH
E57	6	Black	A-3		Electronic throttle control

★: Non-colored

• AT model

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T3	12	★	D-4	B12	Bulkhead wiring harness
T4	20	Black	D-4	B11	
T5	4	Green	C-3	B19	
T6	4	Dark gray	D-5		Rear oxygen sensor
T7	12	★	D-4		Inhibitor switch

★: Non-colored

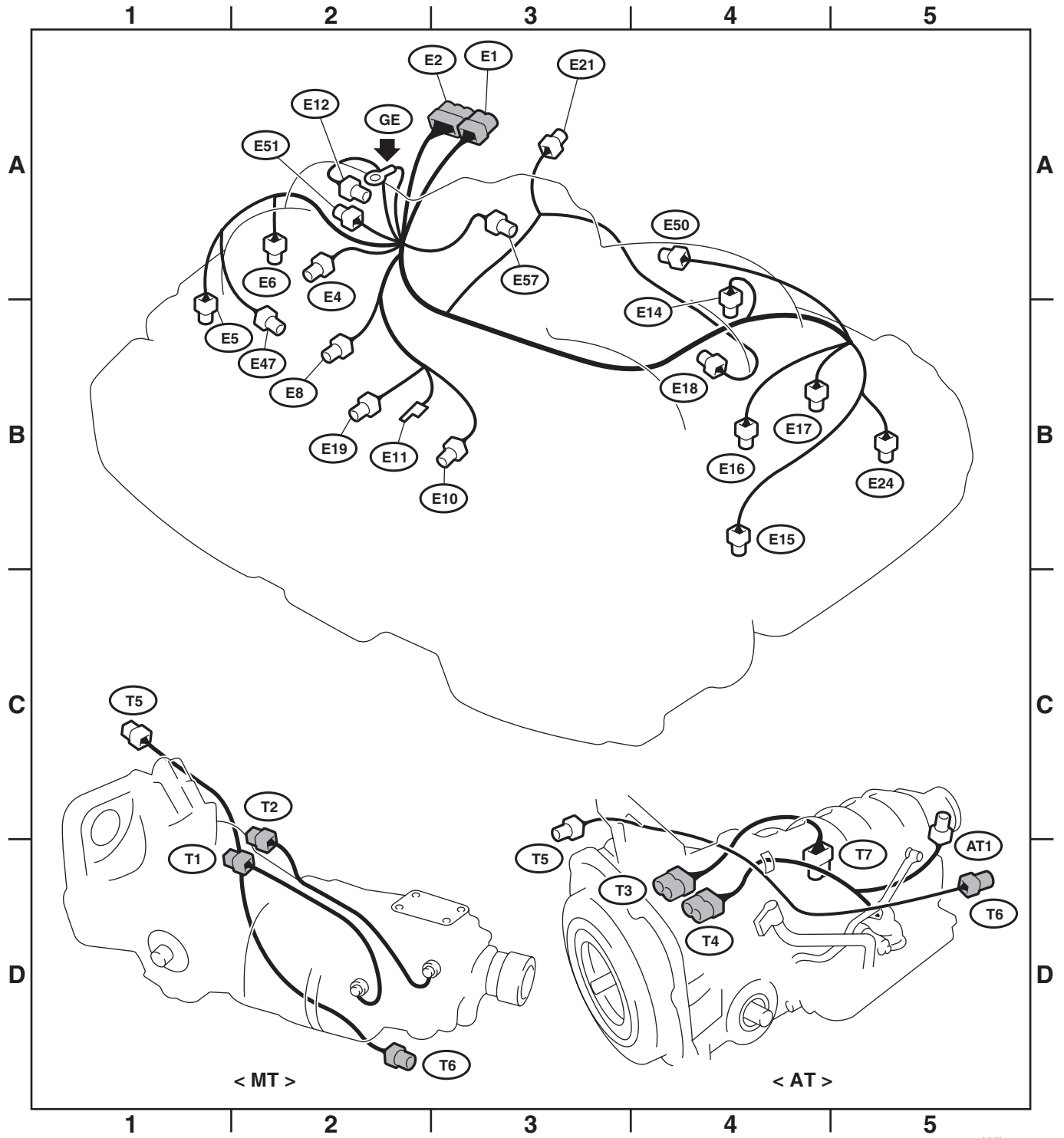
• MT model

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

★: Non-colored

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM



WI-05434

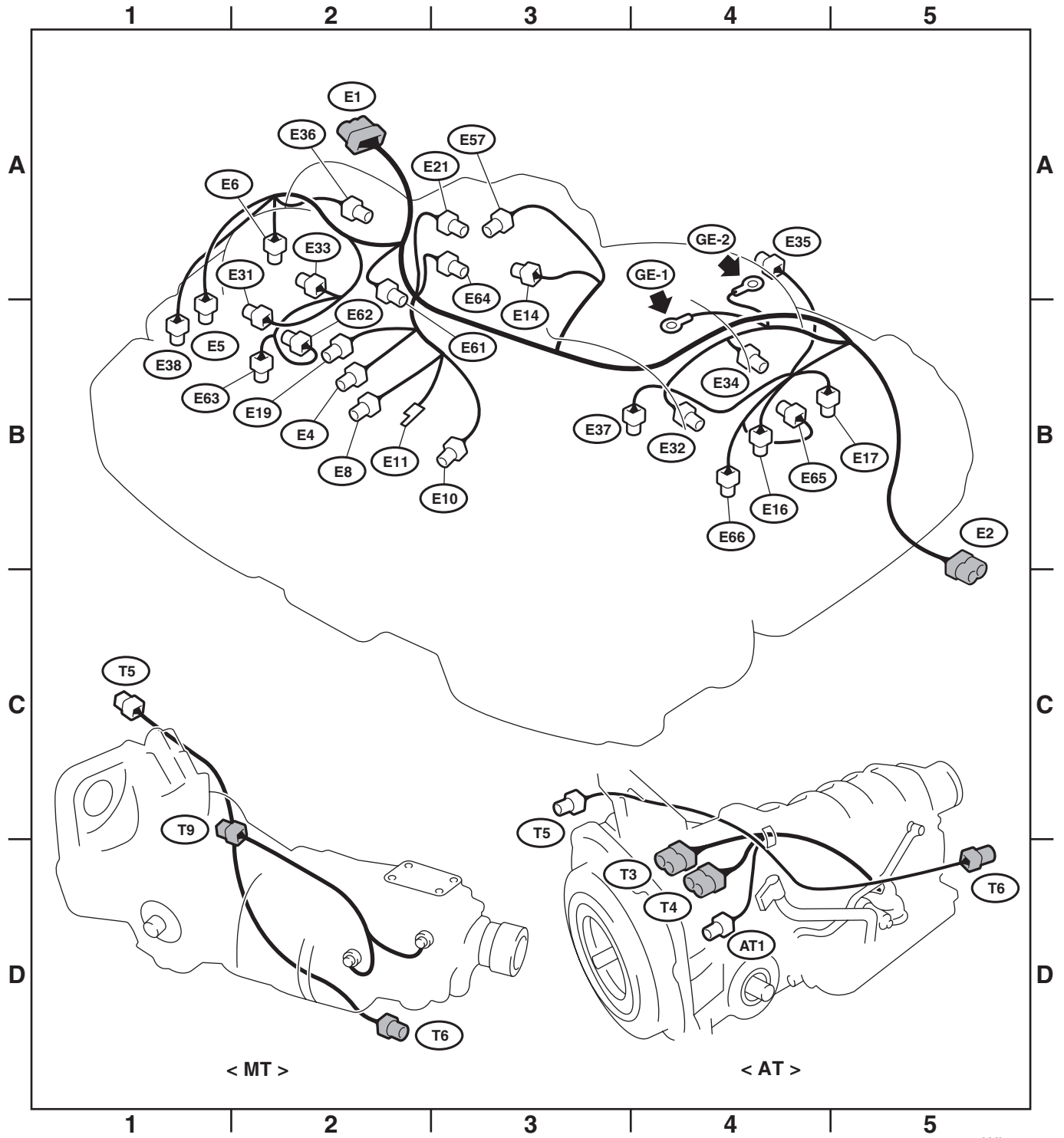
3. TURBO MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E1	16	Brown	A-2	B20	Bulkhead wiring harness
E2	54	Black	B-5	B21	
E4	2	Black	B-2		CPC Solenoid
E5	2	Light gray	B-1		Fuel injector No. 1
E6	2	Black	A-1		Fuel injector No. 3
E8	2	Black	B-2		Engine coolant temperature sensor and thermometer
E10	2	Light gray	B-3		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E14	2	Brown	A-3		Knock sensor
E16	2	Light gray	B-4		Fuel injector No. 2
E17	2	Black	B-4		Fuel injector No. 4
E19	1	★	B-2		Power steering oil pressure switch
E21	3	Black	A-3		Manifold absolute pressure sensor
E31	3	★	B-2		Ignition coil No. 1
E32	3	★	B-4		Ignition coil No. 2
E33	3	Black	A-2		Ignition coil No. 3
E34	3	Black	B-4		Ignition coil No. 4
E35	3	Light gray	A-4		Intake camshaft position sensor LH
E36	3	Light gray	A-2		Intake camshaft position sensor RH
E37	2	Blue	B-4		Intake oil flow control solenoid valve LH
E38	2	Blue	B-1		Intake oil flow control solenoid valve RH
E57	6	Black	A-3		Electronic throttle control
E62	2	Light gray	B-2		TGV RH
E63	2	Blue	B-2		TGV angle sensor RH
E64	2	Blue	A-3		Wastegate control solenoid
E65	2	Light gray	B-4		TGV LH
E66	2	Blue	B-4		TGV angle sensor LH
★: Non-colored					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T3	8	★	D-3	B12	Bulkhead wiring harness
T4	20	Gray	D-3	B11	
T5	4	Gray	D-2	B19	
T6	4	Gray	D-4		Rear oxygen sensor
T7	12	★	D-3		Inhibitor switch
★: Non-colored					

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM



WI-05435

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM

4. 3.0 L MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E1	16	Brown	A-3	B20	Bulkhead wiring harness
E2	54	Black	A-3	B21	
E3	16	★	A-3	B22	
E4	2	Blue	A-2		CPC Solenoid
E5	2	Dark gray	A-2		Fuel injector No. 1
E6	2	Dark gray	A-2		Fuel injector No. 3
E8	2	Black	B-4		Engine coolant temperature sensor
E10	2	Light gray	B-4		Crankshaft position sensor
E11	1	★	B-1		Oil pressure switch
E14	2	Green	A-3		Knock sensor 1
E16	2	Dark gray	B-4		Fuel injector No. 2
E17	2	Dark gray	B-4		Fuel injector No. 4
E18	6	Dark gray	A-3		EGR valve
E19	1	★	B-3		Power steering oil pressure switch
E24	4	Black	C-3		Front oxygen (A/F) sensor LH
E25	4	Dark gray	B-4		Rear oxygen sensor LH
E28	3	Black	A-3		Intake manifold pressure sensor
E31	3	Black	B-1		Ignition coil No. 1
E32	3	Black	C-4		Ignition coil No. 2
E33	3	★	B-2		Ignition coil No. 3
E34	3	★	B-4		Ignition coil No. 4
E43	2	Dark gray	A-2		Fuel injector No. 5
E44	2	Dark gray	B-5		Fuel injector No. 6
E45	3	Black	B-2		Ignition coil No. 5
E46	3	Black	B-5		Ignition coil No. 6
E47	4	Black	B-2		Front oxygen (A/F) sensor RH
E48	2	Green	A-4		Knock sensor 2
E57	6	Black	A-3		Electronic throttle control
E61	4	Dark gray	B-3		Rear oxygen sensor RH
E67	2	Blue	B-1		Intake oil flow control solenoid valve RH
E68	2	Blue	C-4		Intake oil flow control solenoid valve LH
E69	2	Blue	A-2		Oil switching solenoid valve RH
E70	2	Blue	B-5		Oil switching solenoid valve LH
E71	1	★	A-3		Variable valve lift diagnosis oil pressure switch RH
E72	1	★	B-5		Variable valve lift diagnosis oil pressure switch LH
E73	3	Gray	A-2		Camshaft position sensor RH
E74	3	Gray	B-5		Camshaft position sensor LH
E75	2	Black	B-5		Oil temperature sensor
E76	10	Dark gray	A-3	E77	Engine wiring harness
E77	10	Gray	A-3	E76	

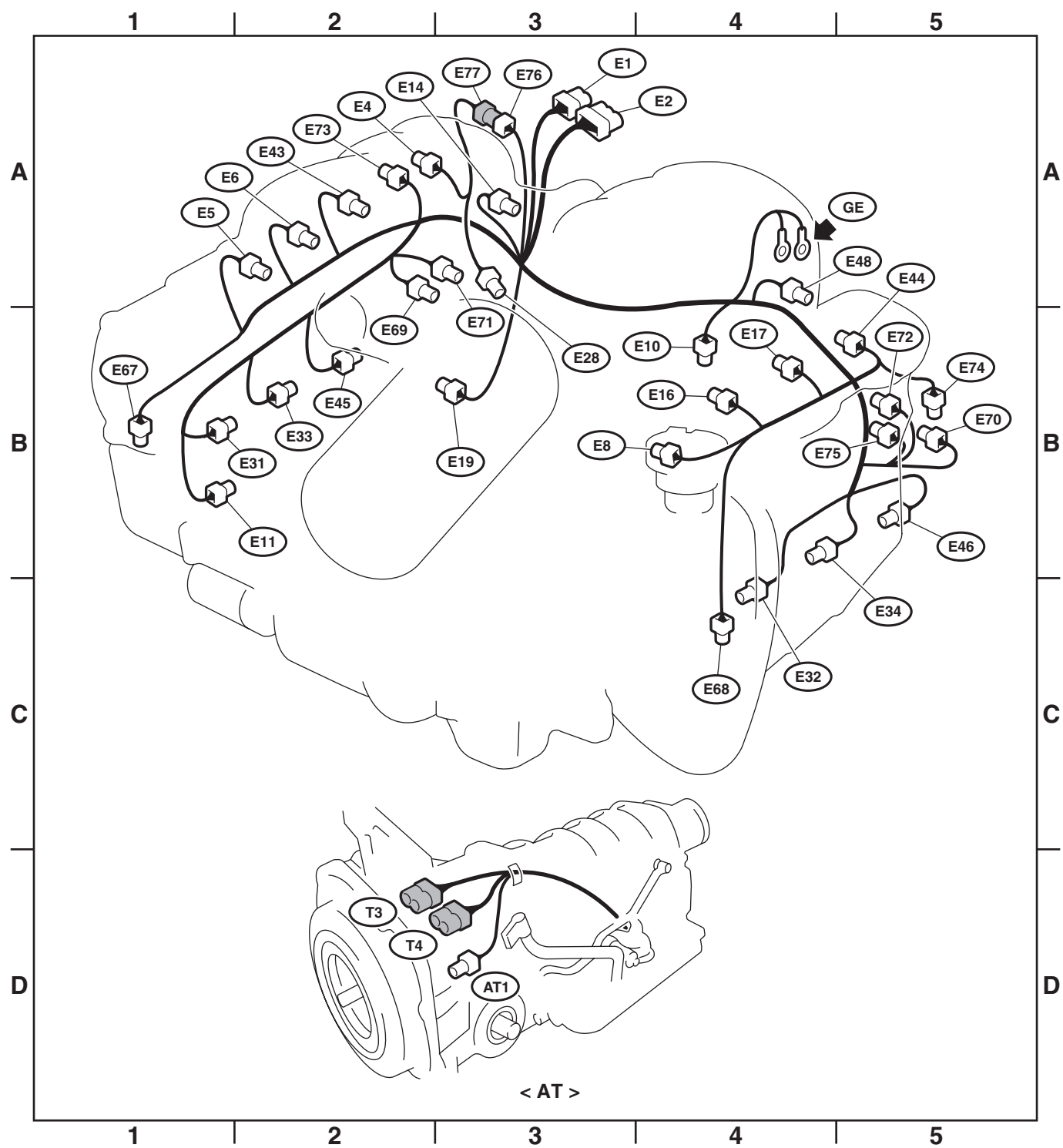
★: Non-colored

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T3	12	★	D-2	B12	Bulkhead wiring harness
T4	20	Black	D-3	B11	
T7	12	★	D-3		Inhibitor switch

★: Non-colored

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM



WI-05436

54. Instrument Panel Wiring Harness

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
i1	28	★	B-1	B36	Bulkhead wiring harness
i2	8	★	B-4	B37	
i3	20	★	B-5	B38	
i5	20	★	C-1		Fuse & relay box (F/B)
i6	16	★	C-2		Mirror control switch
i10	22	★	B-2		Combination meter
i11	14	★	B-2		
i15	6	★	C-4		A/C control panel (Manual A/C)
i17	16	★	C-4		
i22	4	★	B-3		Hazard switch
i23	2	★	B-4		Glove box illumination
i24	6	★	C-4		Front accessory power supply socket
i26	14	★	C-4		Audio
i29	1	Black	C-4		Audio bracket earth
i51	2	★	B-5		Sun load sensor
i53	18	★	C-5	R98	Rear wiring harness
i55	2	★	C-3		In-vehicle sensor
i59	10	★	B-3		Clock
i76	28	★	C-1	D83	Front door cord LH
i77	12	★	C-1		Joint connector
i78	15	★	C-2		Push switch
i79	6	★	C-2		Illumination control switch
i80	1	★	C-2		Meter diagnosis connector
i81	1	★	C-2		
i82	12	★	B-2		Joint connector (Illumi, and backup)
i83	12	★	B-2		
i84	35	★	B-3		Body integrated unit
i85	8	★	C-4		Audio
i88	8	★	C-4		A/C control panel (Auto A/C)
i89	2	★	B-3		Box light
i96	8	★	B-5		Keyless entry control module
i97	12	★	B-5		Joint ground connector
i98	12	★	B-5		
i99	12	★	B-5		Joint ground connector
i100	12	★	B-5		
i101	25	★	C-5	D84	Front door cord RH
i102	18	★	C-1	R167	Rear wiring harness
i110	1	Green	C-2		Diagnosis connector
i111	1	Green	C-2		

★: Non-colored

WIRING SYSTEM



55.Rear Wiring Harness

A: LOCATION

1. SEDAN MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R1	20	★	C-3	B97	Bulkhead wiring harness
R2	16	★	B-2	B98	Bulkhead wiring harness
R4	1	Black	C-3		Parking brake switch
R8	4	★	C-4		Front seat belt switch (Driver side)
R9	3	★	C-4		Front door switch LH
R10	8	★	B-3	D22	Rear door cord (Passenger side)
R12	3	★	B-3		Front door switch RH
R13	10	★	C-4	D28	Rear door cord (Driver side)
R15	8	★	B-4	R57	Fuel cord 1
R16	3	★	B-4		Rear door switch RH
R25	2	Black	B-4		Rear defroster condenser
R41	4	★	C-4		Seat heater LH
R43	20	★	C-3		Seat heater switch
R44	4	★	B-3		Seat heater RH
R46	6	★	B-4	R67	Fuel cord 2
R50	12	★	B-2	B90	Bulkhead wiring harness
R51	2	★	B-3		Vanity mirror illumination RH
R52	3	★	B-3		Room light
R54	2	Black	B-3		Vanity mirror illumination LH
R55	10	Gray	B-3		Sunroof control module
R56	2	★	B-3		Spot map light
R57	3	★	B-3		Rearview mirror
R72	2	★	B-4		Rear ABS wheel speed sensor RH
R73	2	★	B-4		Rear ABS wheel speed sensor LH
R98	18	★	B-2	i53	Instrument panel wiring harness (Passenger side)
R109	2	★	B-3		Power seat (Passenger side)
R128	6	★	B-3		Sunroof control switch
R142	2	★	C-4		Fuel pump condenser
R166	5	★	B-3		Seatbelt warning light
R167	16	★	C-3	i102	Instrument panel wiring harness (Driver side)
R168	20	★	C-3		Fuse & relay box (F/B)
R169	8	★	C-3		Impact sensor
R187	5	★	B-3		Tilt switch
R188	2	★	C-4		Power seat (Driver side)
R210	4	★	C-3	AB50	Airbag sub harness
R211	12	★	C-4		TPM control module
R212	2	★	B-3		SSM

★: Non-colored

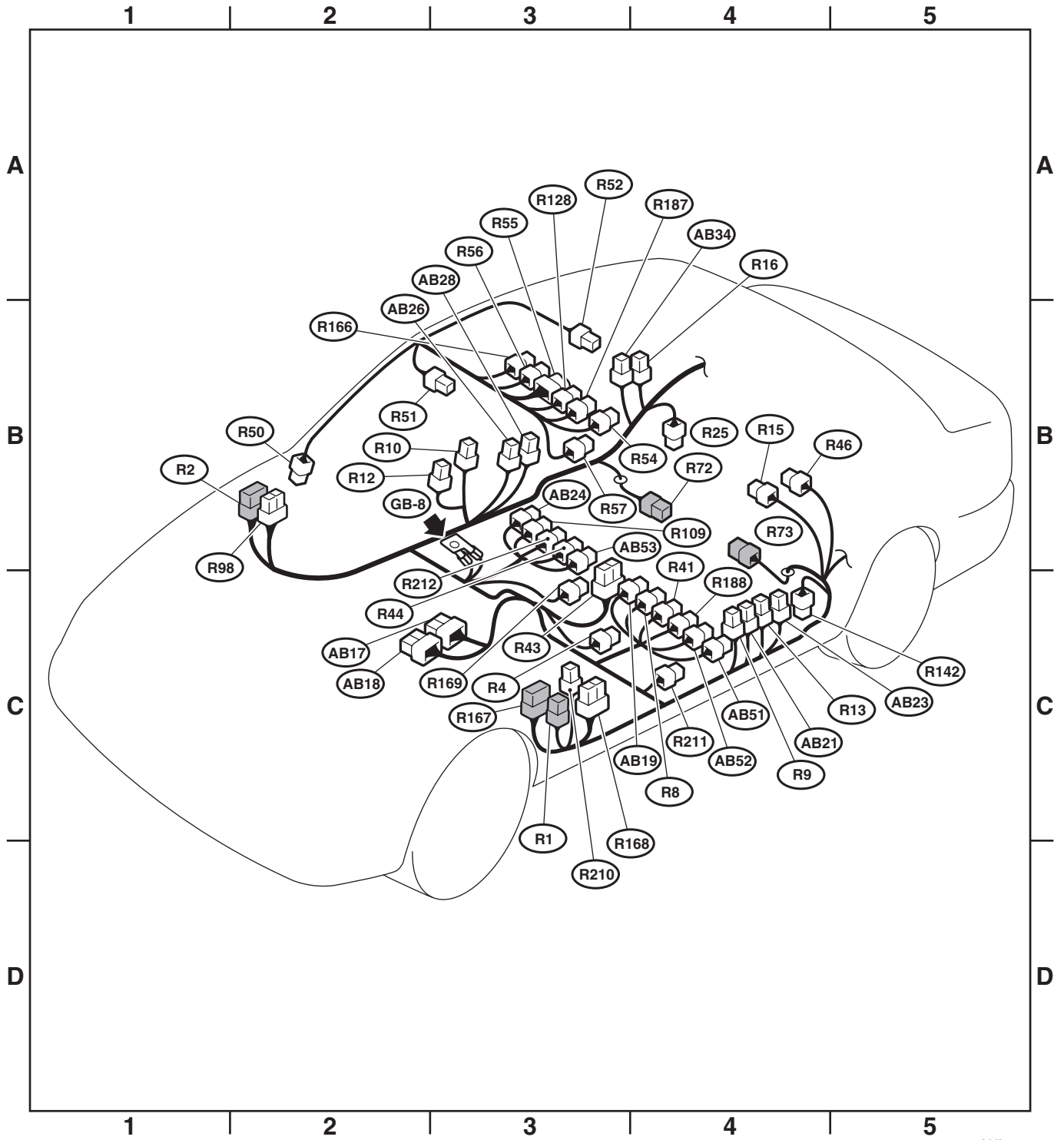
Rear Wiring Harness

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB17	20	★	C-3		Airbag control module LH (Model with side airbag, curtain airbag)
	12	★			Airbag control module LH
AB18	20	★	C-2		Airbag control module RH (Model with side airbag, curtain airbag)
	12	★			Airbag control module RH
AB19	2	★	C-4	AB20	Inflator (Side) LH
AB21	2	★	C-4		Pretensioner LH
AB23	4	★	C-4		Side airbag sensor LH
AB24	2	★	B-3	AB25	Inflator (Side) RH
AB26	2	★	B-3		Pretensioner RH
AB28	4	★	B-3		Side airbag sensor RH
AB34	4	★	B-3		Curtain airbag sensor RH
AB51	2	★	C-4		Buckle switch
AB52	2	★	C-4		Seat position sensor
AB53	4	★	B-3		Occupant detection control module
★: Non-colored					

Rear Wiring Harness

WIRING SYSTEM



WI-05438

Rear Wiring Harness

WIRING SYSTEM

2. WAGON MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R1	20	★	C-3	B97	Bulkhead wiring harness
R2	16	★	B-1	B98	Bulkhead wiring harness
R4	1	Black	C-2		Parking brake switch
R8	4	★	C-3		Front seat belt switch (Driver side)
R9	3	★	C-4		Front door switch LH
R10	8	★	B-2	D22	Rear door cord (Passenger side)
R12	3	★	B-2		Front door switch RH
R13	8	★	C-4	D28	Rear door cord (Driver side)
R15	8	★	B-4	R57	Fuel cord 1
R16	3	★	A-3		Rear door switch RH
R25	2	Black	B-3		Rear defroster condenser
R41	4	★	C-3		Seat heater LH
R43	20	★	B-3		Seat heater switch
R44	4	★	B-3		Seat heater RH
R46	6	★	B-4	R67	Fuel cord 2
R50	12	★	B-1	B90	Bulkhead wiring harness
R51	2	★	A-2		Vanity mirror illumination RH
R52	3	★	A-3		Room light
R54	2	★	B-3		Vanity mirror illumination LH
R55	2	Gray	A-2		Sunroof cord
R56	2	★	A-2		Spot map light
R57	3	★	B-3		Rearview mirror
R72	2	★	B-4		Rear ABS wheel speed sensor RH
R73	2	★	B-4		Rear ABS wheel speed sensor LH
R74	2	★	A-2	R55	Roof cord
R75	6	★	A-4		Sunroof motor assembly
R98	18	★	B-1	i53	Instrument panel wiring harness (Passenger side)
R109	2	Black	B-3		Power seat (Passenger side)
R142	2	Black	C-4		Fuel pump condenser
R166	5	★	B-3		Seatbelt warning light
R167	16	★	C-3	i102	Instrument panel wiring harness (Driver side)
R168	20	★	C-3		Fuse & relay box (F/B)
R169	8	★	B-2		Impact sensor
R188	2	Black	C-4		Power seat (Driver side)
R210	4	★	C-2		Airbag sub harness
R211	12	White	C-4		TPM control module
★: Non-colored					

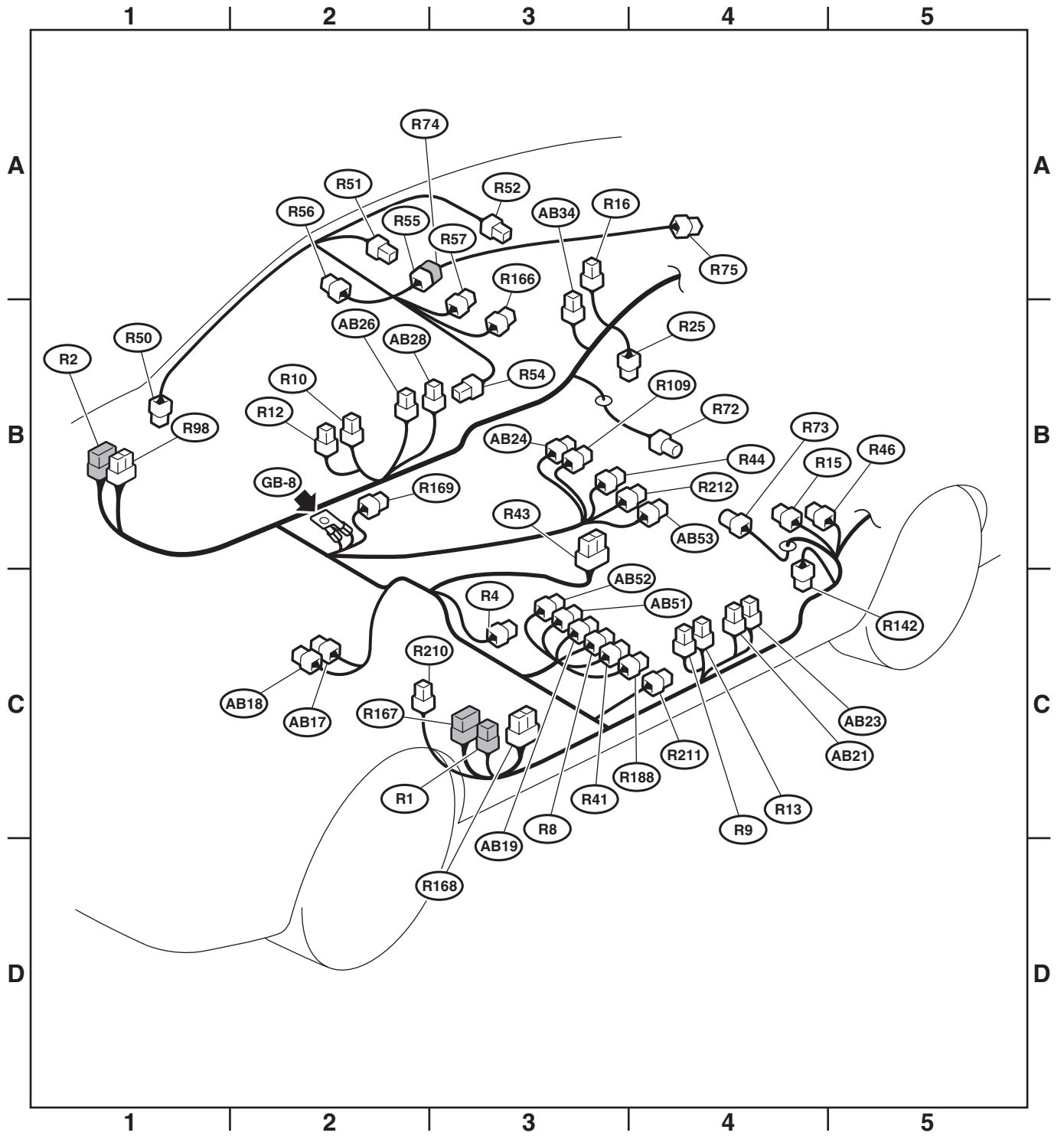
Rear Wiring Harness

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB17	20	★	C-2		Airbag control module LH (Model with side airbag, curtain airbag)
	12	★			Airbag control module LH
AB18	20	★	C-2		Airbag control module RH (Model with side airbag, curtain airbag)
	12	★			Airbag control module RH
AB19	2	★	C-3	AB20	Inflator (Side) LH
AB21	2	★	C-4		Pretensioner LH
AB23	4	★	C-4		Side airbag sensor LH
AB24	2	★	B-3	AB25	Inflator (Side) RH
AB26	2	★	B-2		Pretensioner RH
AB28	4	★	B-3		Side airbag sensor RH
AB34	4	★	B-3		Curtain airbag sensor RH
AB51	2	★	C-3		Buckle switch
AB52	2	★	C-3		Seat position sensor
AB53	4	★	B-4		Occupant detection control module
★: Non-colored					

Rear Wiring Harness

WIRING SYSTEM



WI-18652

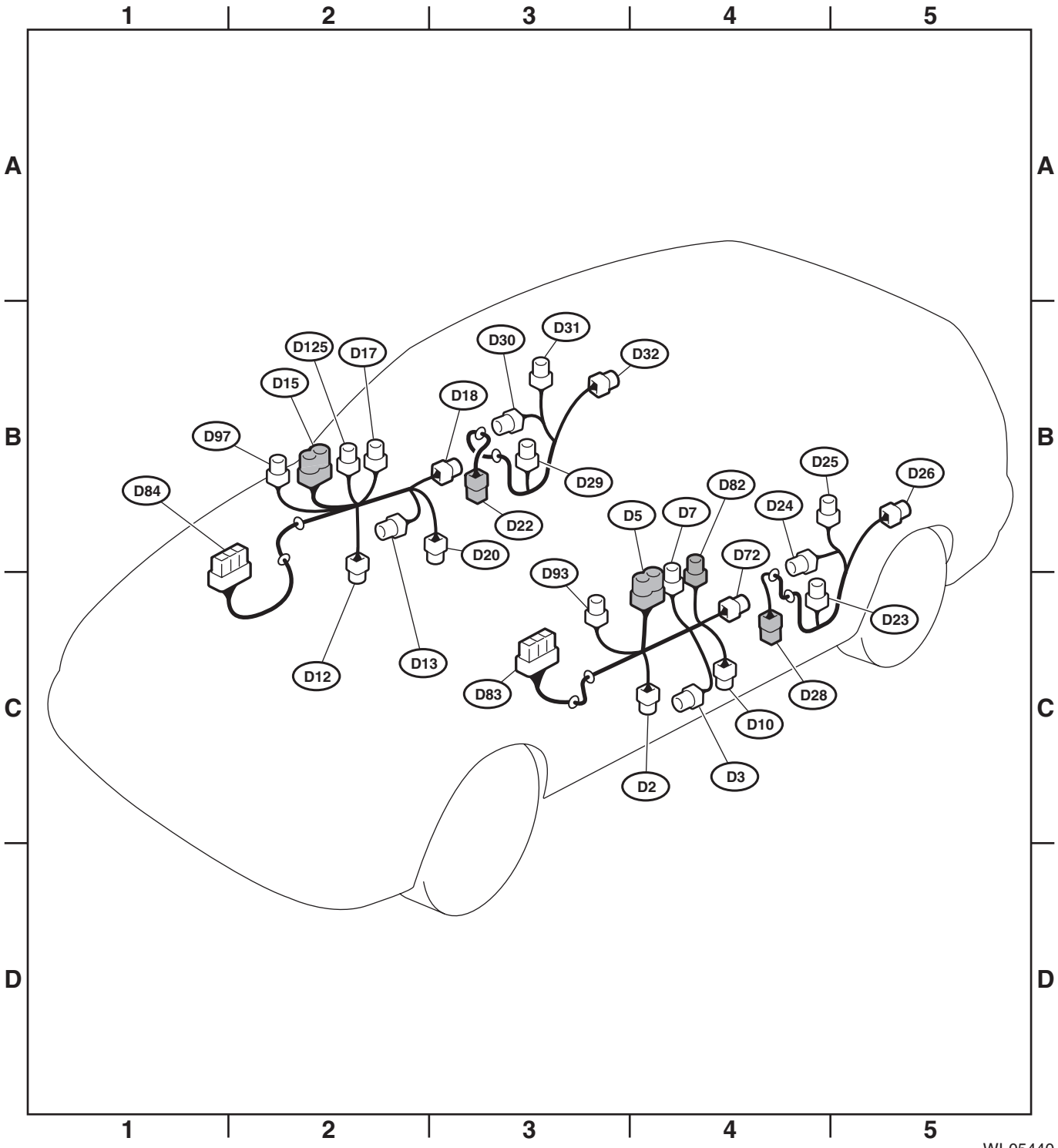
56.Door Cord

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
D2	2	★	C-4		Front door speaker LH
D3	2	★	C-4		Front power window motor LH
D5	6	★	C-4		Remote control mirror LH (Without side turn)
	8	★			Remote control mirror LH (With side turn)
D7	14	★	C-4		Front power window main switch
D10	2	★	C-4		Front step light LH
D12	2	★	B-2		Front door speaker RH
D13	2	★	B-2		Front power window motor RH
D15	6	★	B-2		Remote control mirror RH (Without side turn)
	8	★			Remote control mirror RH (With side turn)
D17	5	★	B-2		Front power window sub switch
D18	2	★	B-3		Front door lock actuator RH
D20	2	★	B-3		Front step light RH
D22	8	★	B-3	R10	Rear wiring harness RH
D23	2	★	C-4		Rear door speaker LH
D24	2	Green	B-4		Rear power window motor LH
D25	5	★	B-4		Rear power window sub switch LH
D26	2	★	B-5		Rear door lock actuator LH
D28	8	★	C-4	R13	Rear wiring harness LH
D29	2	★	B-3		Rear door speaker RH
D30	2	Green	B-3		Rear power window motor RH
D31	5	★	B-3		Rear power window sub switch RH
D32	2	★	B-3		Rear door lock actuator RH
D72	2	★	C-4		Front door lock actuator LH
D82	3	Brown	C-4		Door key switch
D83	25	★	C-3	i76	Instrument panel wiring harness
D84	25	★	B-1	i101	
D93	2	★	C-3		Front door tweeter LH
D97	2	★	B-2		Front door tweeter RH
D125	5	Black	B-2		Passenger seat door lock switch RH
★: Non-colored					

Door Cord

WIRING SYSTEM



WI-05440

57.Rear Wiring Harness and Trunk Lid Cord

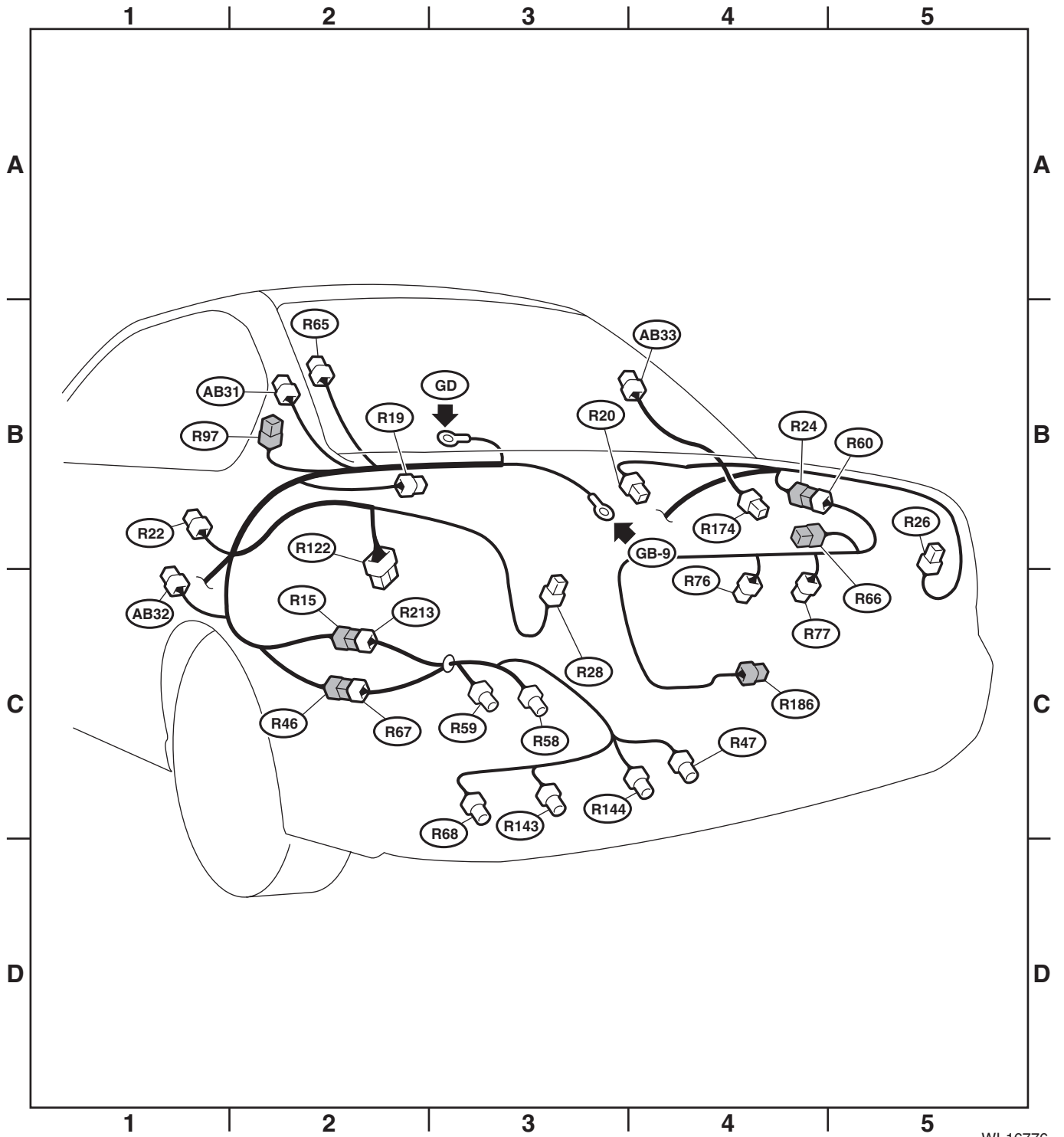
A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R15	8	★	C-2		Fuel cord 1
R19	2	★	B-2		High-mounted stop light
R20	2	★	B-4		Trunk room light
R22	3	★	B-1		Rear door switch LH
R24	8	★	B-4	R60	Trunk lid cord
R26	6	★	B-5		Rear combination light RH
R28	6	★	C-3		Rear combination light LH
R46	6	★	C-2		Fuel cord 2
R47	3	Black	C-4		Fuel tank pressure sensor
R58	6	Gray	C-3		Fuel pump assembly
R59	2	Gray	C-3		Fuel sub level sensor
R60	8	★	B-4	R24	Rear wiring harness
R65	1	★	B-2		Rear defogger
R66	2	White	B-4		High-mounted stop light (Rear spoiler)
R67	6	★	C-2		Rear wiring harness
R68	2	Gray	C-3		Pressure control solenoid valve
R76	2	★	C-4		License plate light LH
R77	2	★	C-4		License plate light RH
R97	1	★	B-2		Antenna amplifier
R122	10	Black	C-2		Fuel pump control unit
R143	2	Gray	C-3		Drain valve
R144	2	Gray	C-4		Internal pressure solenoid valve
R174	1	★	B-4		Noise filter
R186	3	★	C-4		Trunk lock actuator
R213	8	★	C-2		Rear wiring harness
★: Non-colored					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB31	2	Yellow	B-2	AB39	Inflator LH (Curtain)
AB32	4	Yellow	C-1		Curtain airbag sensor LH
AB33	2	Yellow	B-4	AB40	Inflator RH (Curtain)
★: Non-colored					

Rear Wiring Harness and Trunk Lid Cord

WIRING SYSTEM



WI-16776

58.Rear Wiring Harness and Rear Gate Cord

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R15	8	★	D-1		Fuel cord 1
R22	3	★	C-1		Rear door switch LH
R25	2	Black	C-3		Condenser
R26	4	★	C-5		Rear combination light RH
R28	4	★	C-3		Rear combination light LH
R32	2	★	C-2		Rear accessory power supply socket
R37	3	★	C-4	D33	Rear gate cord
R38	8	★	C-4	D34	
R39	10	★	C-4	D35	
R46	6	★	D-1		Fuel cord 2
R47	3	Black	D-4		Fuel tank pressure sensor
R58	6	Gray	D-3		Fuel pump assembly
R59	2	Gray	D-2		Fuel sub level sensor
R67	6	★	D-2		Rear wiring harness
R68	2	Gray	D-3		Pressure control solenoid valve
R79	6	★	C-2		Trailer connector
R97	1	★	C-2		Antenna amplifier
R122	10	Black	C-2		Fuel pump control unit
R143	2	Gray	D-3		Drain valve
R144	2	Gray	D-3		Internal pressure solenoid valve
R213	8	★	D-1		Rear wiring harness

★: Non-colored

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
D33	3	★	C-4	R37	Rear wiring harness
D34	8	★	C-4	R38	
D35	10	★	C-4	R39	
D37	3	★	B-3		Luggage room light
D39	2	★	B-3		High-mounted stop light
D43	4	★	A-4		Rear wiper motor
D44	2	★	A-5		License plate light
D46	2	Black	A-4		Rear gate latch switch
D47	2	Gray	A-5		Rear gate lock actuator
D48	1	Black	B-3		Rear defogger
D87	2	★	A-5		Back-up light RH
D89	1	★	B-4		Rear defogger
D91	2	★	A-4		Back-up light LH

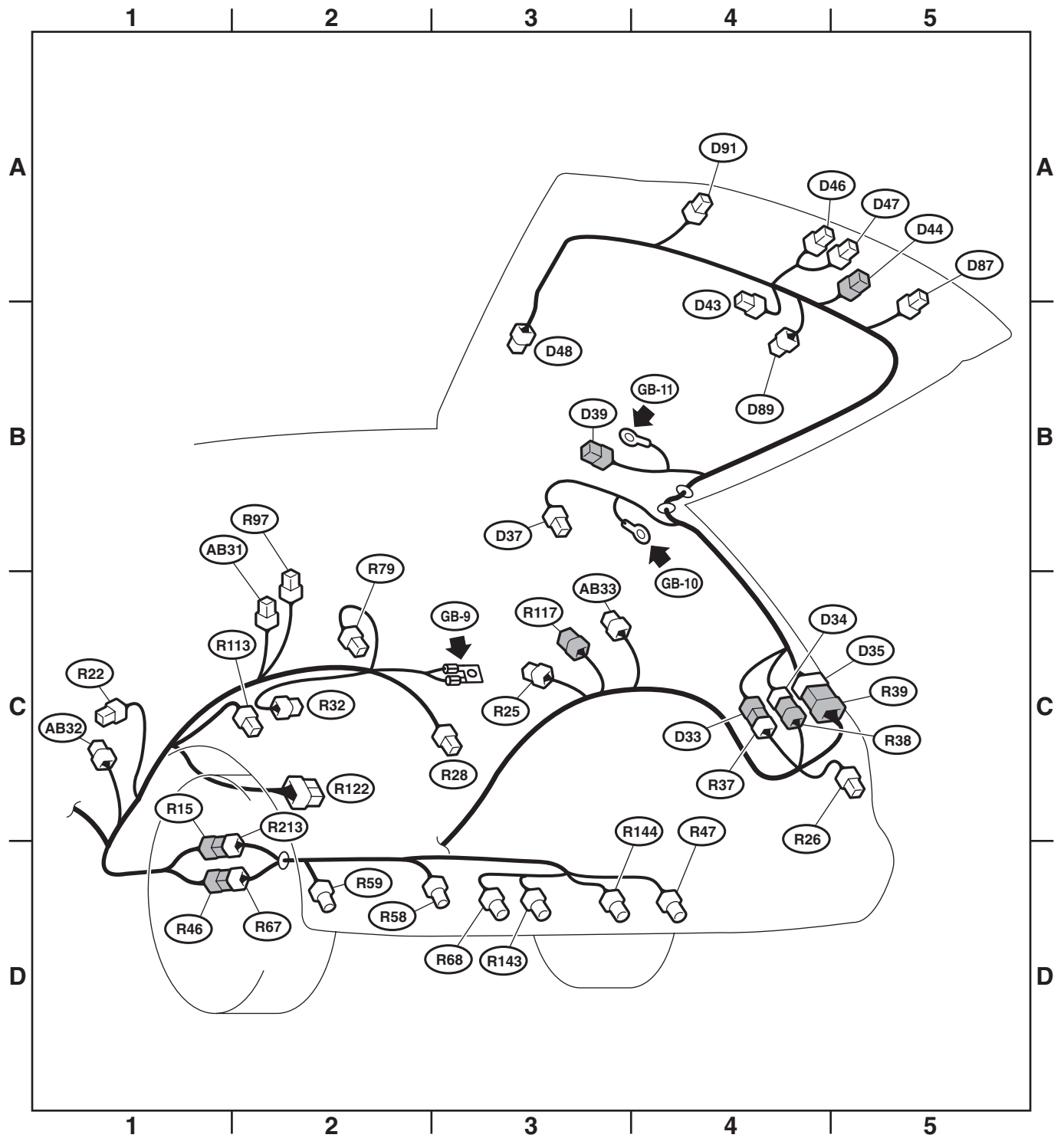
★: Non-colored

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB31	2	Yellow	C-2	AB39	Inflator LH (Curtain)
AB32	4	Yellow	C-1		Curtain airbag sensor LH
AB33	2	Yellow	C-3	AB40	Inflator RH (Curtain)

★: Non-colored

Rear Wiring Harness and Rear Gate Cord

WIRING SYSTEM

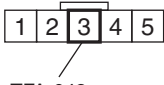
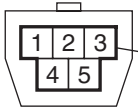
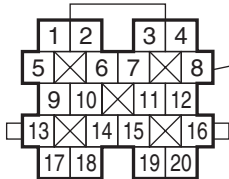


WI-05442

59.Harness Repair Kit

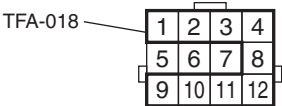
A: SPECIFICATION

1. ADAPTATION TABLE

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B3	 TFA-042	3	TFA-042
		1, 2, 4, 5	Not available
B6	 TFA-021	ALL	TFA-021
B8	 TFA-033	ALL	TFA-033
B11	 TFA-036	ALL	TFA-036

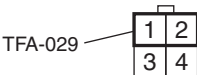
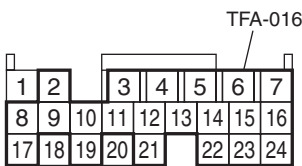
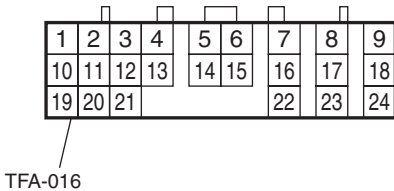
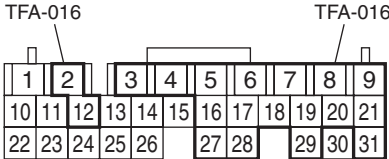
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B12 (2.5 L Non-turbo and 2.5 L Non-turbo (U5) model)	 WI-07620	1 — 4, 8 — 12	TFA-018
		5, 6, 7	Not available
B15	 WI-04675	ALL	TFA-021
B18 (2.5 L Non-turbo (U5) model)	 WI-04681	1, 2	TFA-033
		3, 4	TFA-026
B19 (2.5 L Non-turbo model)	 WI-04681	1, 2	TFA-033
		3, 4	TFA-026

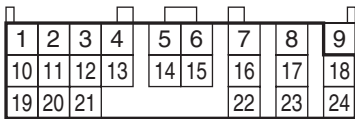
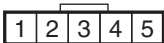
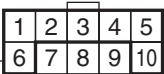
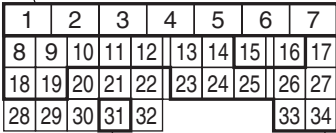
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B19 (2.5 L Turbo model)	 WI-04682	1, 2	TFA-029
		3, 4	Not available
B54 (4AT model)	 WI-07622	2 — 17, 19, 21 — 24	TFA-016
		1, 18, 20	Not available
B54 (5AT model)	 WI-04684	ALL	TFA-016
B55 (4AT model)	 WI-07624	2 — 9, 12, 16 — 21, 27 — 29, 31	TFA-016
		1, 10, 11, 13 — 15, 22 — 26, 30	Not available

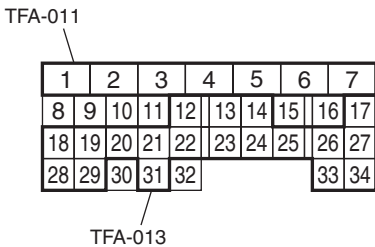
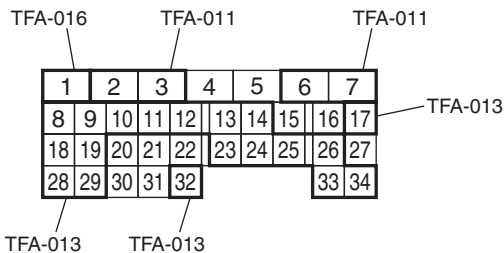
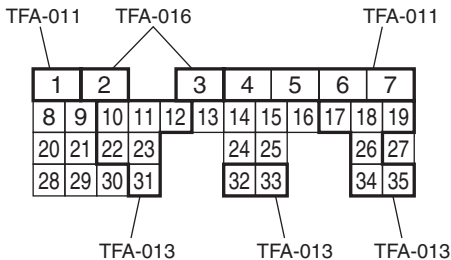
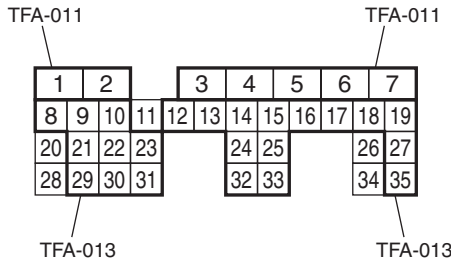
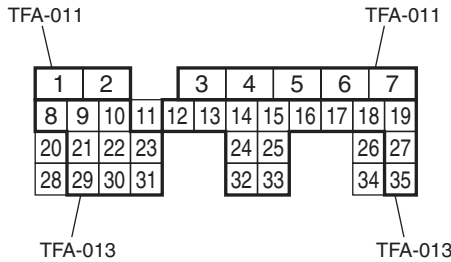
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B55 (5AT model)	 WI-07625	1 — 8, 10 — 24	TFA-016
		9	Not available
B77 (Auto A/C model)	 WI-04688	ALL	TFA-016
B77 (Manual A/C model)	 WI-07627	1 — 6, 10	TFA-016
		7 — 9	Not available
B134 (2.5 L Non-turbo and 2.5 L Non-turbo (U5) model)	 WI-07628	1 — 7	TFA-011
		8 — 14, 17 — 19, 23 — 27, 31, 33, 34	TFA-013
		15, 16, 20 — 22, 28 — 30, 32	Not available

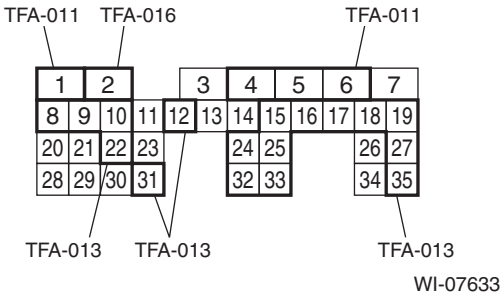
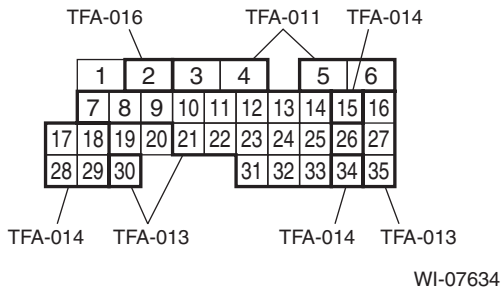
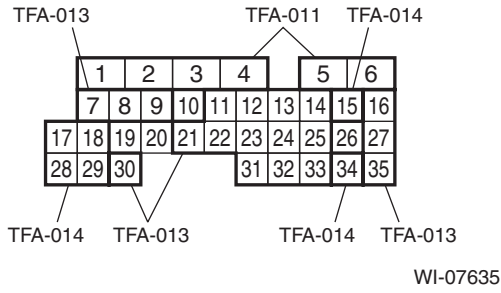
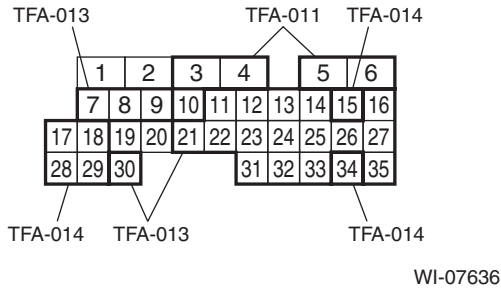
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B134 (3.0 L model)	 WI-07629	1 — 7	TFA-011
		12 — 14, 17 — 29, 31, 33, 34	TFA-013
		8 — 11, 15, 16, 30, 32	Not available
B134 (2.5 L Turbo model)	 WI-07630	2, 3, 6, 7	TFA-011
		8 — 14, 17 — 19, 23 — 26, 28, 29, 32 — 34	TFA-013
		1	TFA-016
B135 (2.5 L Non-turbo and 2.5 L Non-turbo (U5) model)	 WI-07631	4, 5, 15, 16, 20 — 22, 27, 30, 31	Not available
		1, 4 — 7	TFA-011
		10 — 12, 17 — 19, 22, 23, 26, 31 — 35	TFA-013
B135 (3.0 L model)	 WI-07632	2, 3	TFA-016
		8, 9, 13 — 16, 20, 21, 24, 25, 27 — 30	Not available
		1 — 7	TFA-011
B135 (3.0 L model)	 WI-07632	8 — 10, 12 — 19, 21 — 25, 27, 29 — 33, 35	TFA-013
		11, 20, 26, 28, 34	Not available

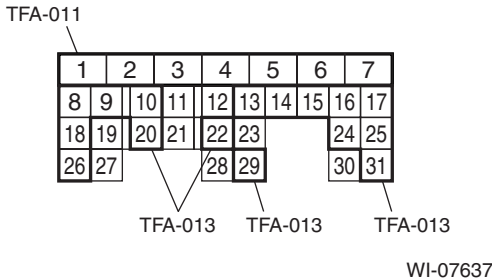
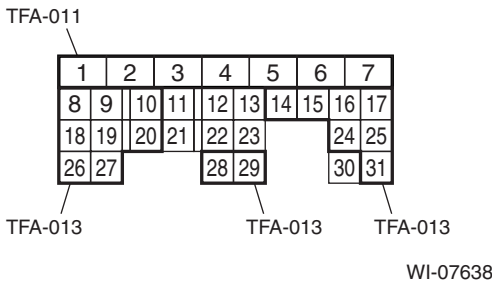
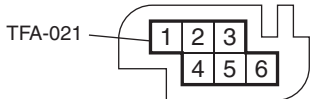
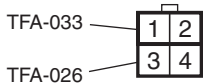
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B135 (2.5 L Turbo model)	 WI-07633	1, 4, 5, 6	TFA-011
		8 — 10, 12, 15 — 19, 22, 24, 25, 27, 31 — 33, 35	TFA-013
		2	TFA-016
		3, 7, 11, 13, 14, 20, 21, 23, 26, 28 — 30, 34	Not available
B136 (2.5 L Non-turbo and 2.5 L Non-turbo (U5) model)	 WI-07634	3 — 6	TFA-011
		7 — 14, 16, 21 — 25, 27, 30 — 33, 35	TFA-013
		15, 17, 18, 28, 29, 34	TFA-014
		2	TFA-016
B136 (3.0 L model)	 WI-07635	1 — 6	TFA-011
		7 — 9, 11 — 14, 16, 21 — 25, 27, 30 — 33, 35	TFA-013
		15, 17, 18, 28, 29, 34	TFA-014
		10, 19, 20, 26	Not available
B136 (2.5 L Turbo model)	 WI-07636	3 — 6	TFA-011
		7 — 9, 11 — 14, 16, 21 — 27, 30 — 33, 35	TFA-013
		15, 17, 18, 28, 29, 34	TFA-014
		1, 2, 10, 19, 20	Not available

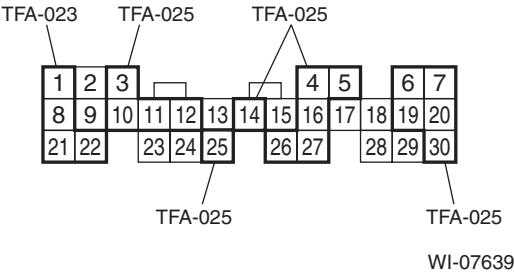
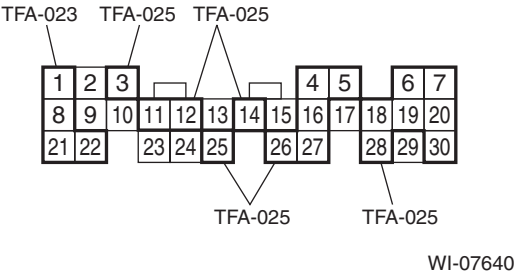
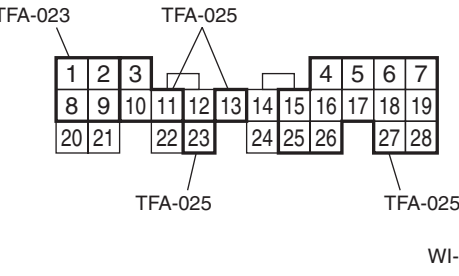
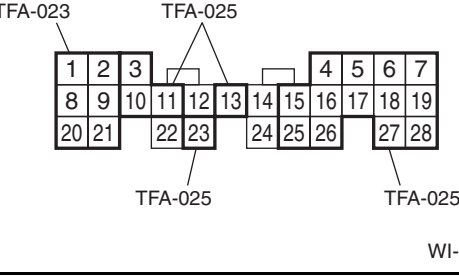
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B137 (2.5 L Non-turbo and 2.5 L Non-turbo (U5) model)		1 — 7	TFA-011
		8 — 10, 13 — 18, 20, 22, 24 — 26, 29, 31	TFA-013
		11, 12, 19, 21, 23, 27, 28, 30	Not available
B137 (3.0 L model)		1 — 7	TFA-011
B137 (2.5 L Turbo model)		8 — 10, 14 — 20, 24 — 29, 31	TFA-013
		11 — 13, 21 — 23, 30	Not available
B230 (3.0 L model)		ALL	TFA-021
B262 (2.5 L Non-turbo (U5) model)		1, 2	TFA-033
		3, 4	TFA-026

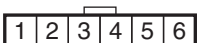
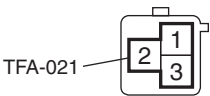
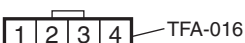
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B280 (2.5 L Non-turbo and 2.5 L Non-turbo (U5) model)		1, 8, 21, 22	TFA-023
		3 — 7, 10 — 12, 14, 16, 19, 20, 25 — 27, 30	TFA-025
		2, 9, 13, 15, 17, 18, 23, 24, 28, 29	Not available
B280 (3.0 L model)		1, 8, 21, 22	TFA-023
B280 (2.5 L Turbo model)		3 — 7, 11, 12, 14, 16, 18 — 20, 25 — 28, 30	TFA-025
		2, 9, 10, 13, 15, 17, 23, 24, 29	Not available
B281 (2.5 L Non-turbo and 2.5 L Non-turbo (U5) model)		1, 2, 8, 9	TFA-023
		3 — 7, 10, 11, 13, 15 — 19, 23, 25 — 28	TFA-025
		12, 14, 20 — 22, 24	Not available
B281 (3.0 L model)		1, 2, 8, 9, 20, 21	TFA-023
B281 (2.5 L Turbo model)		3 — 7, 10, 11, 13, 15 — 19, 23, 25 — 28	TFA-025
		12, 14, 22, 24	Not available

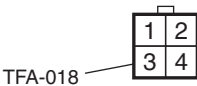
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B292	 WI-04703	ALL	TFA-012
B315	 WI-07643	ALL	TFA-042
B348 (3.0 L model)	 WI-07644	ALL	TFA-021
B350	 WI-04705	ALL	TFA-016

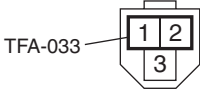
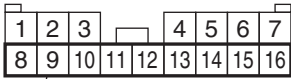
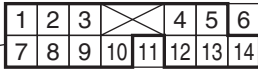
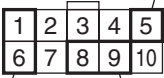
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B351 (3.0 L and 2.5 L Turbo model)	 WI-04707	ALL	TFA-012
B359	 WI-04708	1 2, 3	TFA-026 TFA-033
B391 (2.5 L Turbo model)	 WI-06096	ALL	TFA-018
F7	 WI-07647	1, 2 3	TFA-033 Not available

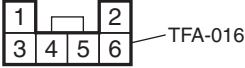
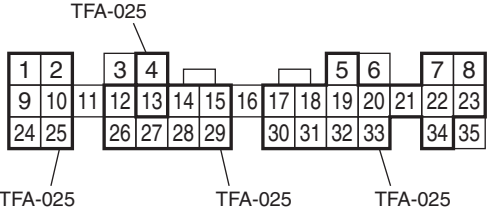
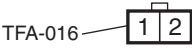
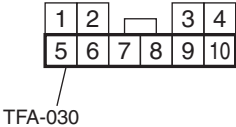
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
F23	 WI-07647	1, 2	TFA-033
		3	Not available
i6	 WI-07648	8 — 16	TFA-016
		1 — 7	Not available
i26	 WI-04712	1 — 5, 7 — 10, 12 — 14	TFA-012
		6, 11	Not available
i59	 WI-07650	1, 5, 6, 8, 9	TFA-016
		2 — 4, 7, 10	Not available

Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
i79	 WI-04715	ALL	TFA-016
i84	 WI-07652	1, 2, 4, 5, 7 — 10, 12, 14, 15, 17 — 34 3, 6, 11, 13, 16, 35	TFA-025 Not available
i89	 WI-07653	ALL	TFA-016
R122 (3.0 L and 2.5 L Turbo model)	 WI-07654	5 — 10 1 — 4	TFA-030 Not available