

WIRING

1. Basic Diagnostic Procedure

A: BASIC PROCEDURES

1. GENERAL DESCRIPTION

The most important purpose of diagnostics is to quickly determine which part is malfunctioning, 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.

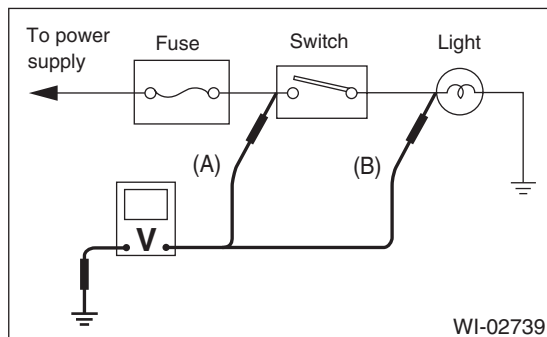
5. SYSTEM OPERATION CHECK

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) Touch connector (A) with the positive probe of the volt meter. The voltmeter will indicate a voltage.
- 3) Touch connector (B) with the positive probe. The voltmeter will indicate no voltage.



- 4) With the test set-up held as it is, turn the switch to ON. The voltmeter will indicate a voltage and, at the same time, the light will illuminate.

- 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.

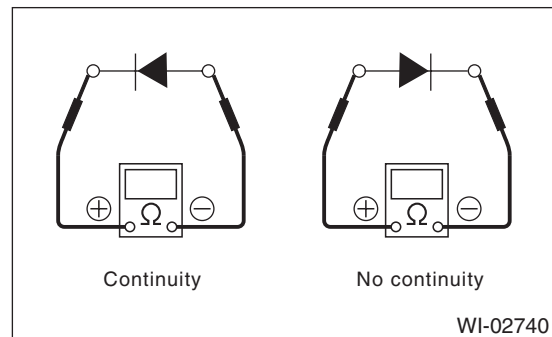
2. CIRCUIT CONTINUITY CHECKS

- 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) The 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	1	2	3	4	5	6
Switch Position						
OFF						
1	○ — ○				○ — ○	
2	○ — ○			○ — ○		○ — ○
3	○ — ○		○ — ○			○ — ○
4	○ — ○	○ — ○				○ — ○

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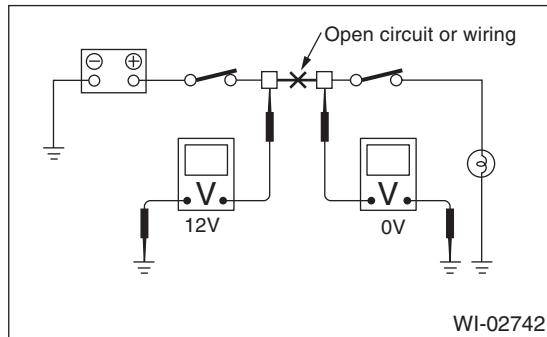
Basic Diagnostic Procedure

WIRING SYSTEM

3. HOW TO DETERMINE AN OPEN CIRCUIT

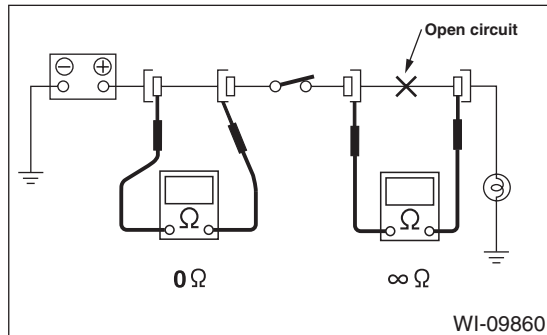
1) WITH VOLTMETER:

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:

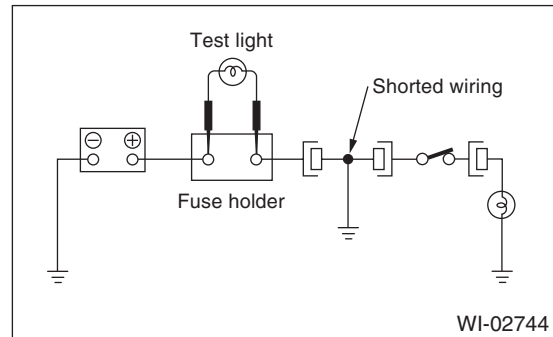
Disconnect all connectors affected, and check continuity in the wiring between adjacent connectors. When the ohmmeter indicates "infinite", the wiring is open.



4. HOW TO DETERMINE A SHORT CIRCUIT

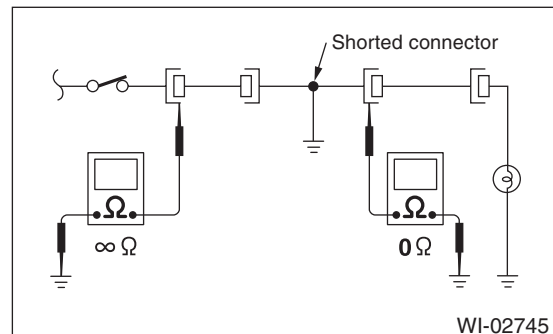
1) WITH TEST LIGHT:

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

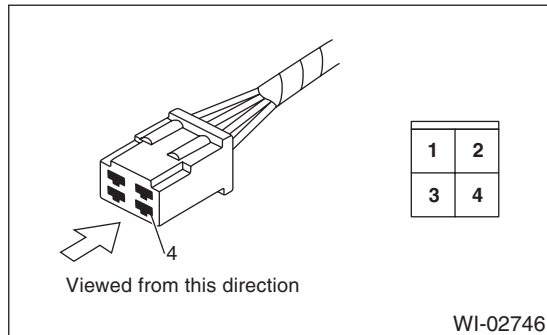
1. WIRING DIAGRAM:

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

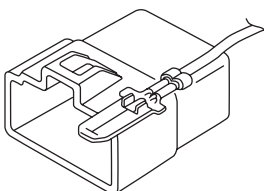
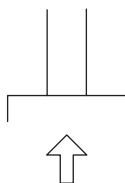
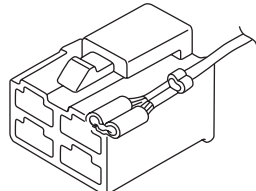
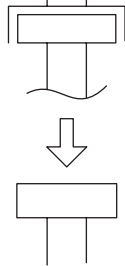
Sketches and codes are used in the diagrams.

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.

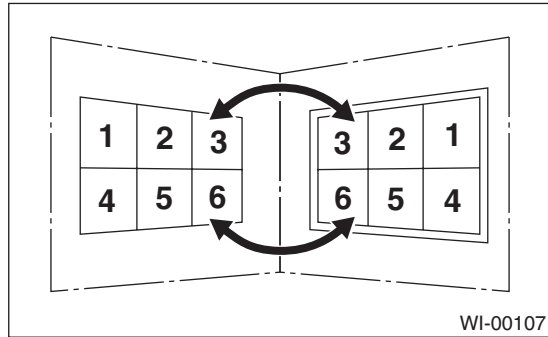
Connector used in vehicle	Connector shown in wiring diagram												
	Sketch	Symbol	Number of poles										
	Double frames Indicates a lock is included. <table border="1"><tr><td>4</td><td>3</td><td></td><td>2</td><td>1</td></tr><tr><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td></tr></table> Indicates the number of poles.	4	3		2	1	9	8	7	6	5		Numbered in order from upper right to lower left
4	3		2	1									
9	8	7	6	5									
	Indicates a lock is included. <table border="1"><tr><td>1</td><td>2</td><td></td><td>3</td><td>4</td></tr><tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr></table> Single frame	1	2		3	4	5	6	7	8	9		Numbered in order from upper left to lower right
1	2		3	4									
5	6	7	8	9									

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- 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.



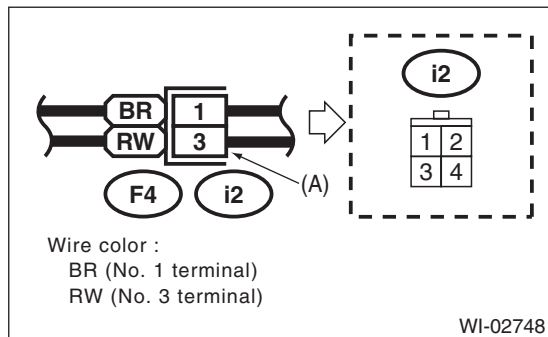
• WIRING DIAGRAM:

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

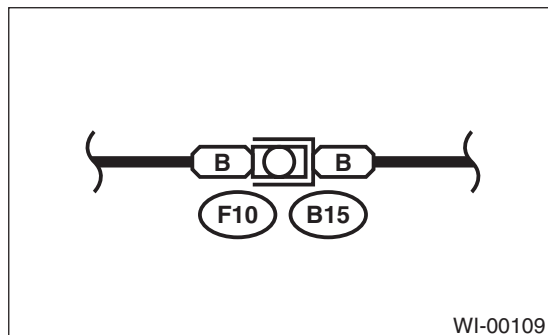
- The sketch of each connector in the wiring diagram usually shows the (A) side of the connector. The relationship between the wire color, terminal number and connector is described in the figure.

NOTE:

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

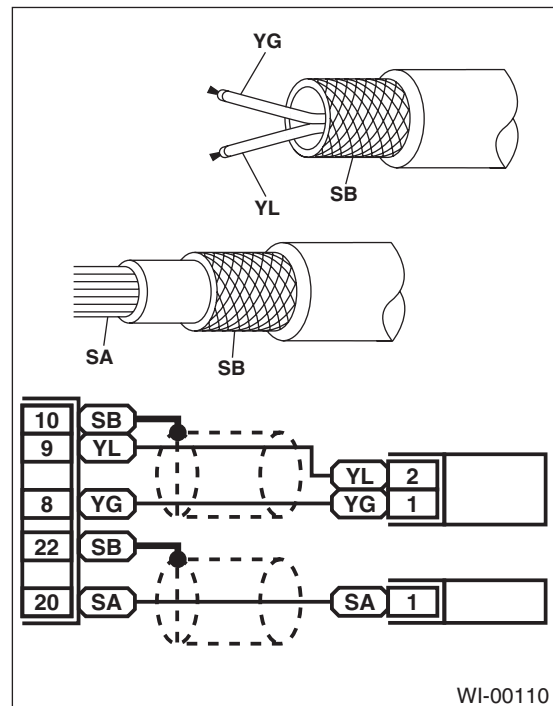


- In the wiring diagram, connectors which have no terminal number refer to one-pole types. Sketches of these connectors are omitted intentionally.

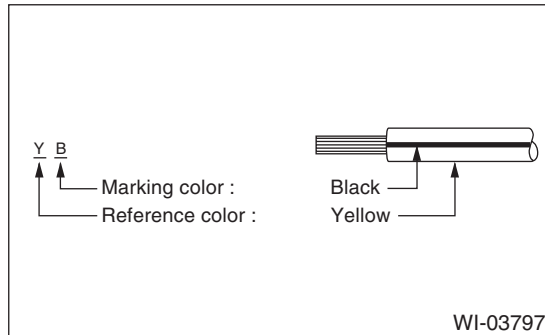


- The following color codes are used to indicate the colors of the wires.

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	Light blue
V	Violet
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:

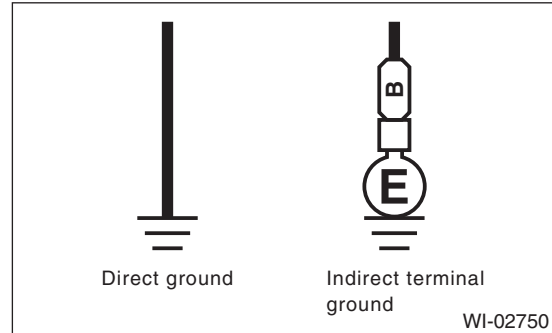
When replacing or repairing a wire, be sure to use the same size and type of the wire which was originally used.

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

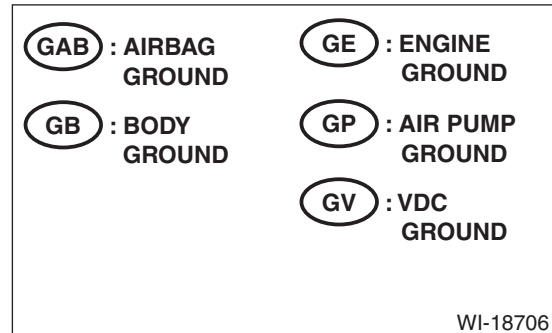
- Each unit is either directly grounded to the body or indirectly grounds through a harness ground terminal. Different symbols are used in the wiring diagram to identify the two grounding systems.



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

NOTE:

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

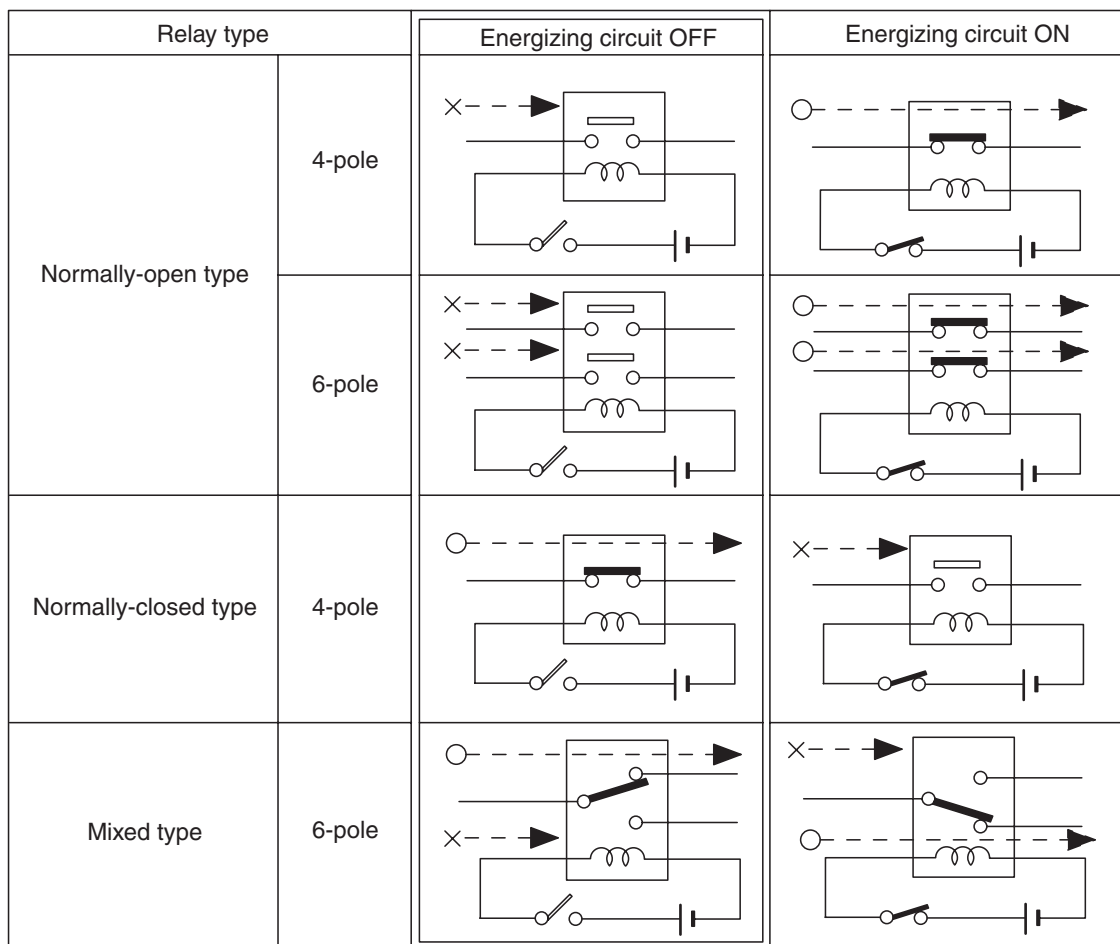


Basic Diagnostic Procedure

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:

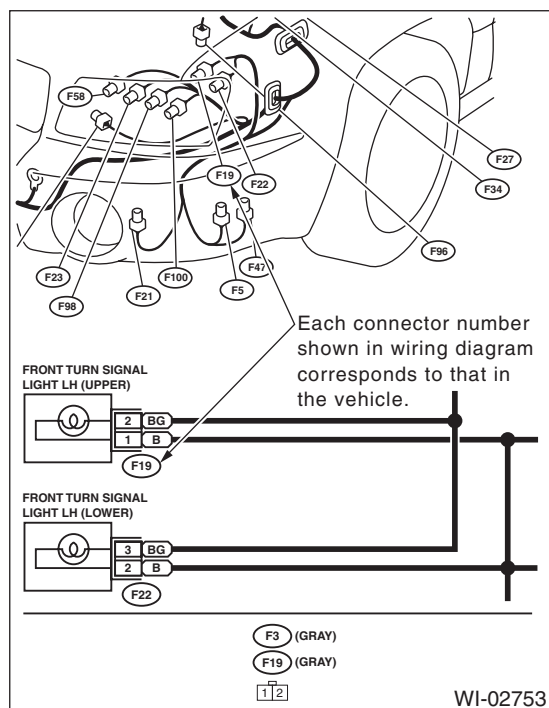
○ —▶ : Current flows.

× —▶ : Current does not flow.

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- 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
AB	Airbag wiring harness

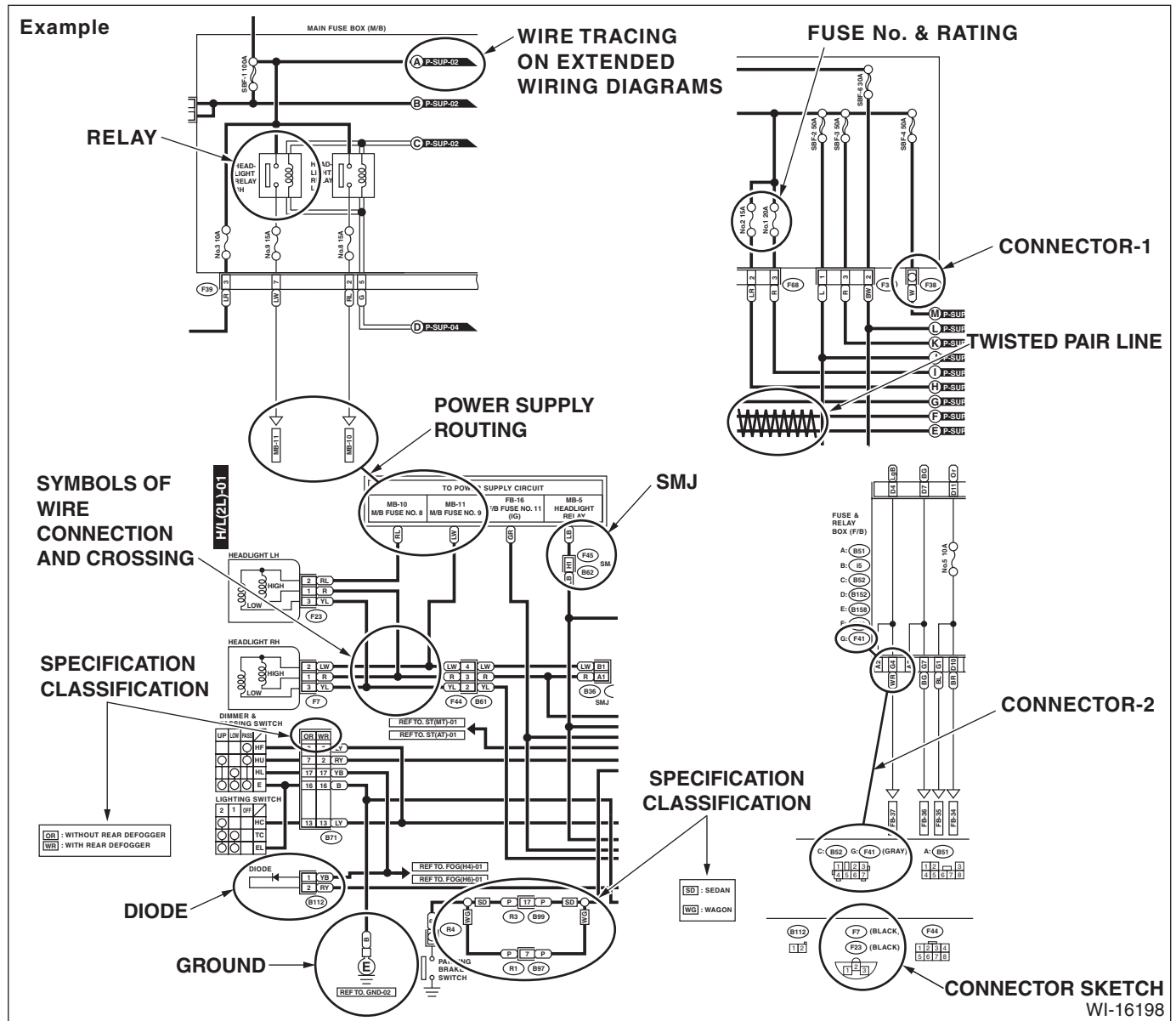


Basic Diagnostic Procedure

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

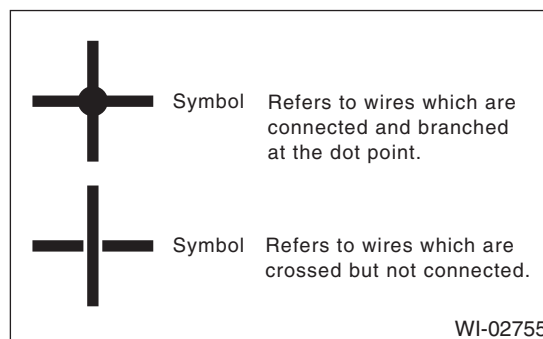
A symbol is used to indicate a diode.

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 "DC POWER SUPPLY CIRCUIT" in the wiring diagram.

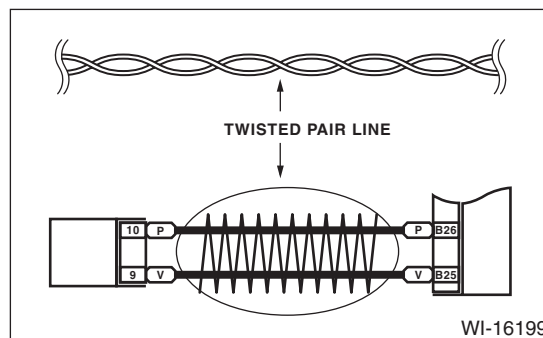
Accordingly, using the "DC POWER SUPPLY CIRCUIT" and wiring diagrams permits service personnel to understand the entire electrical arrangement of a system.

12. CLASSIFICATION BY SPECIFICATION

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

13. TWISTED PAIR LINE

The twisted pair line is indicated by a symbol in the wiring diagrams.

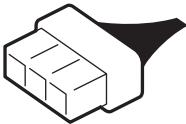
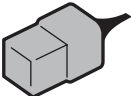
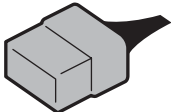
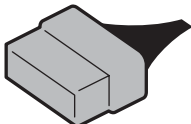
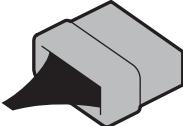


Basic Diagnostic Procedure

WIRING SYSTEM

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		
		
		

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F: ABBREVIATION IN WIRING DIAGRAMS

Abbr.	Full name
ABS	Anti-lock Brake System
ACC	Accessory
A/C	Air conditioner
ASSY	Assembly
A/F	Air/Fuel (Air fuel ratio sensor)
AUX	Auxiliary Audio Input Terminal
AWD	All Wheel Drive
B	Battery
CAN	Controller Area Network
CM	Control Module
D, DN	Down
DCCD	Driver's Control Center Differential
E	Ground
ECM	Engine Control Module
EEPROM	Electric Erasable Programmable Read Only Memory
F/B	Fuse & Relay Box
FL	Front Left Hand
FR	Front Right Hand
G	Gravity (G sensor)
H/L	Headlight
HI	High
I/F	Interface
IG	Ignition
Illumi.	Illumination
INT	Intermittent
LCD	Liquid Crystal Display
LH	Left Hand
LO	Low
M	Motor
M/B	Main Fuse Box
NAVI	Navigation
OP	Open
PASS	Passing
RH	Right Hand
RL	Rear Left
RR	Rear Right
SBF	Slow Blow Fuse
SI-DRIVE	SUBARU Intelligent Drive
ST	Starter
SW	Switch
TPM	Tire Pressure Monitor
U	Up
VDC	Vehicle Dynamics Control
VFD	Vacuum Fluorescent Display
WASH	Washer

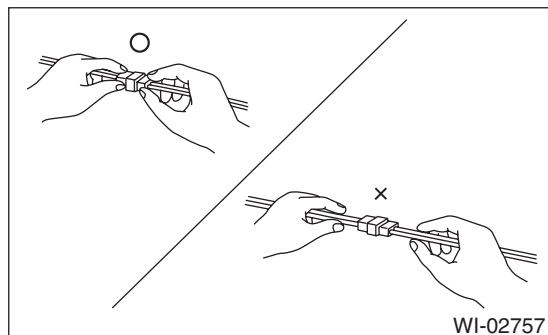
2. Working Precautions

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

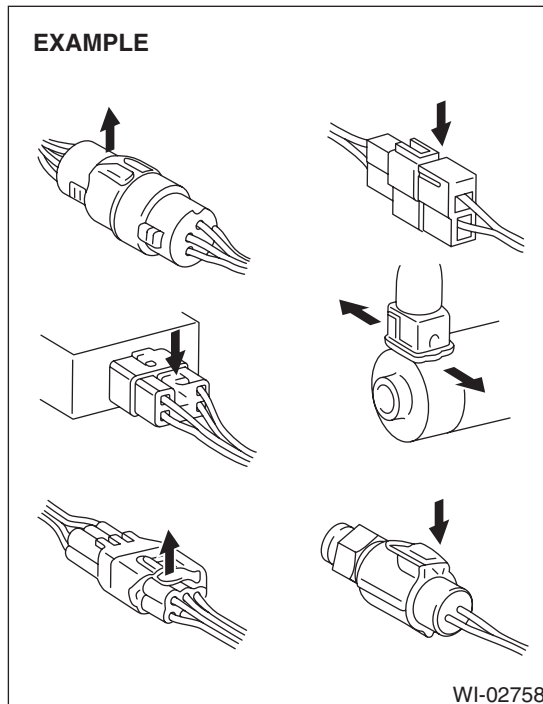
- 1) When working under a vehicle which is jacked-up, always be sure to use rigid rack.
- 2) The parking brake must always be applied during working. Also, in automatic transmission vehicles, keep the select lever set to the P (Parking) range.
- 3) Be sure the workshop is properly ventilated when running 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 clips so that the harness does not interfere with the body end parts, edges, 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.

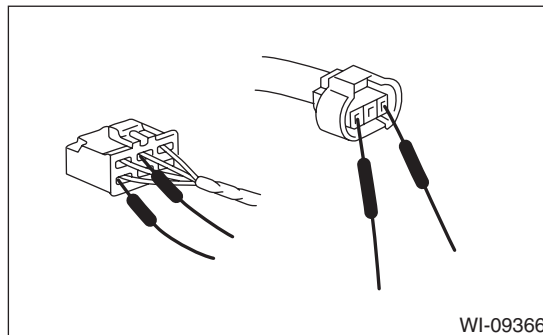


- 5) Some connectors are provided with a lock. One type of such a connector is disconnected by pushing the lock, and the other, by moving the lock up. In either type the lock shape must be identified before attempting to disconnect the connector. To connect, insert the connector until it snaps and confirm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



- 6) When checking continuity between connector terminals, or measuring voltage across the terminal and ground, always touch tester probe(s) to 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), touch test probes on the terminal side and be careful not to bend or damage the terminals.



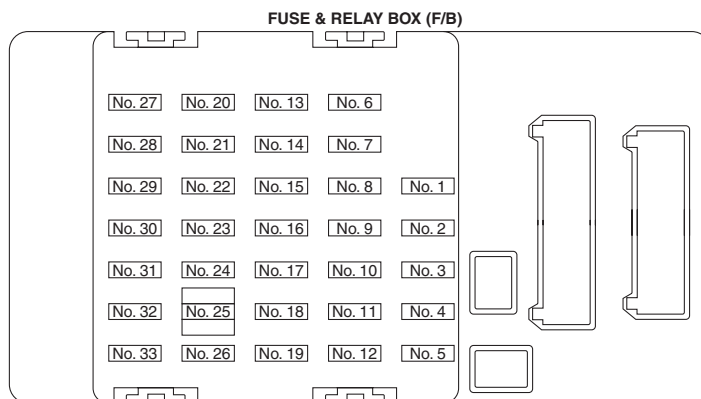
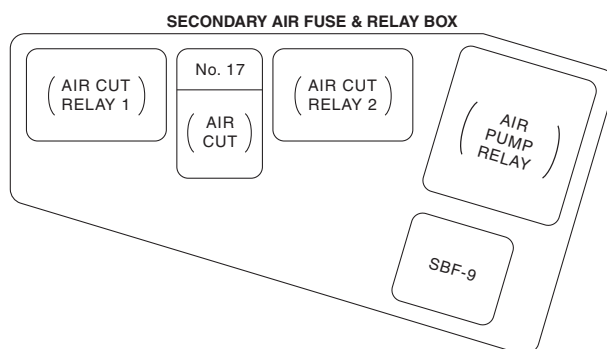
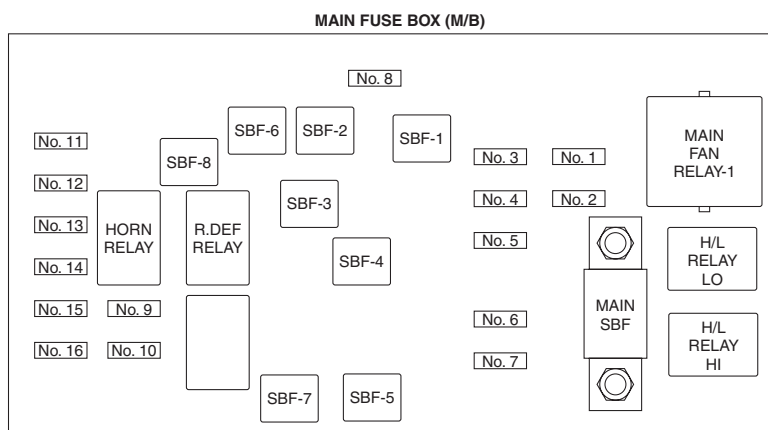
- 7) Sensors, relays, electrical unit, etc., are sensitive to strong impacts. Handle them with care so that they are not dropped or mishandled.

3. Power Supply Circuit

A: WIRING DIAGRAM

P-SUP-01

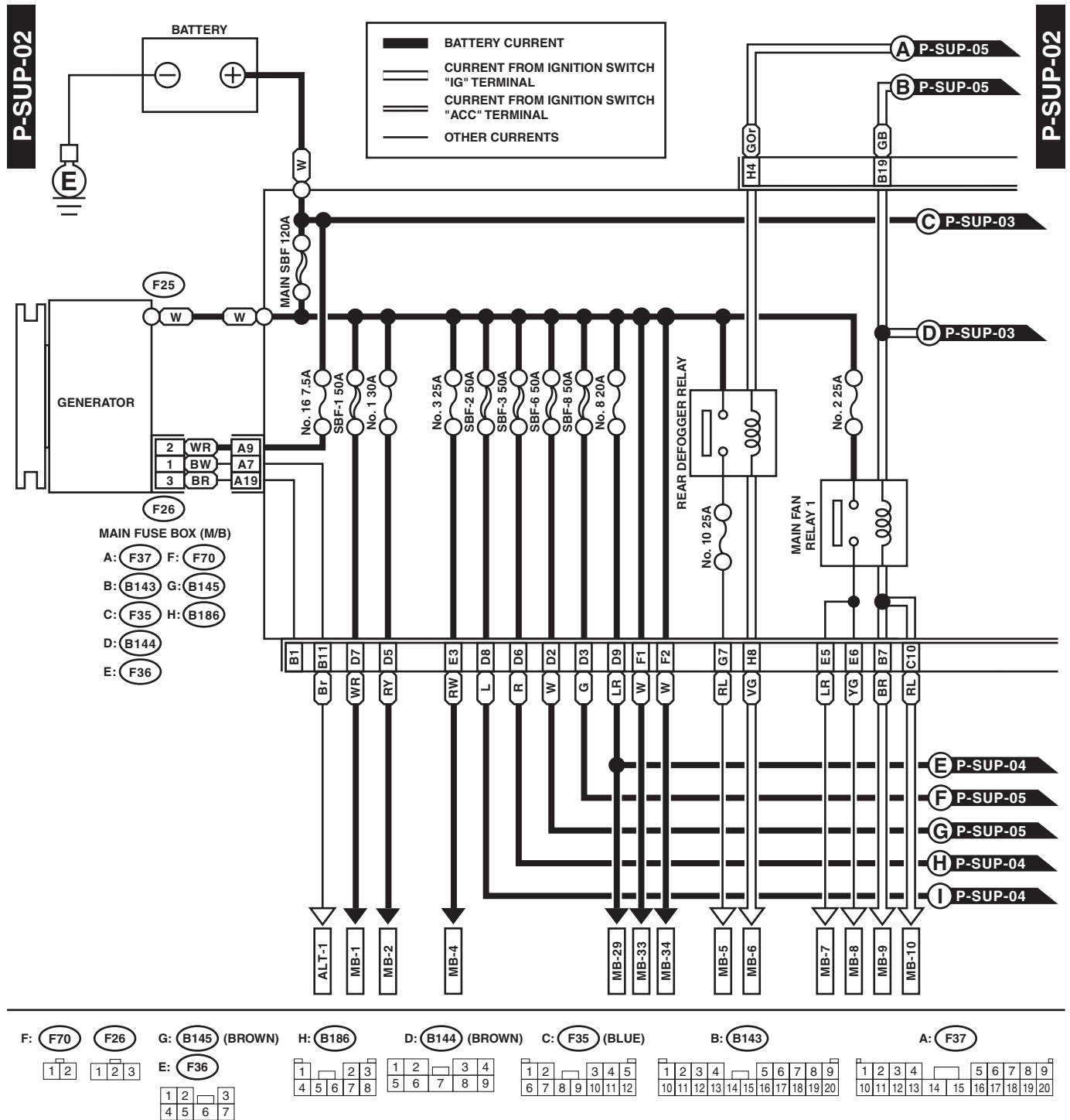
P-SUP-01



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Power Supply Circuit

WIRING SYSTEM



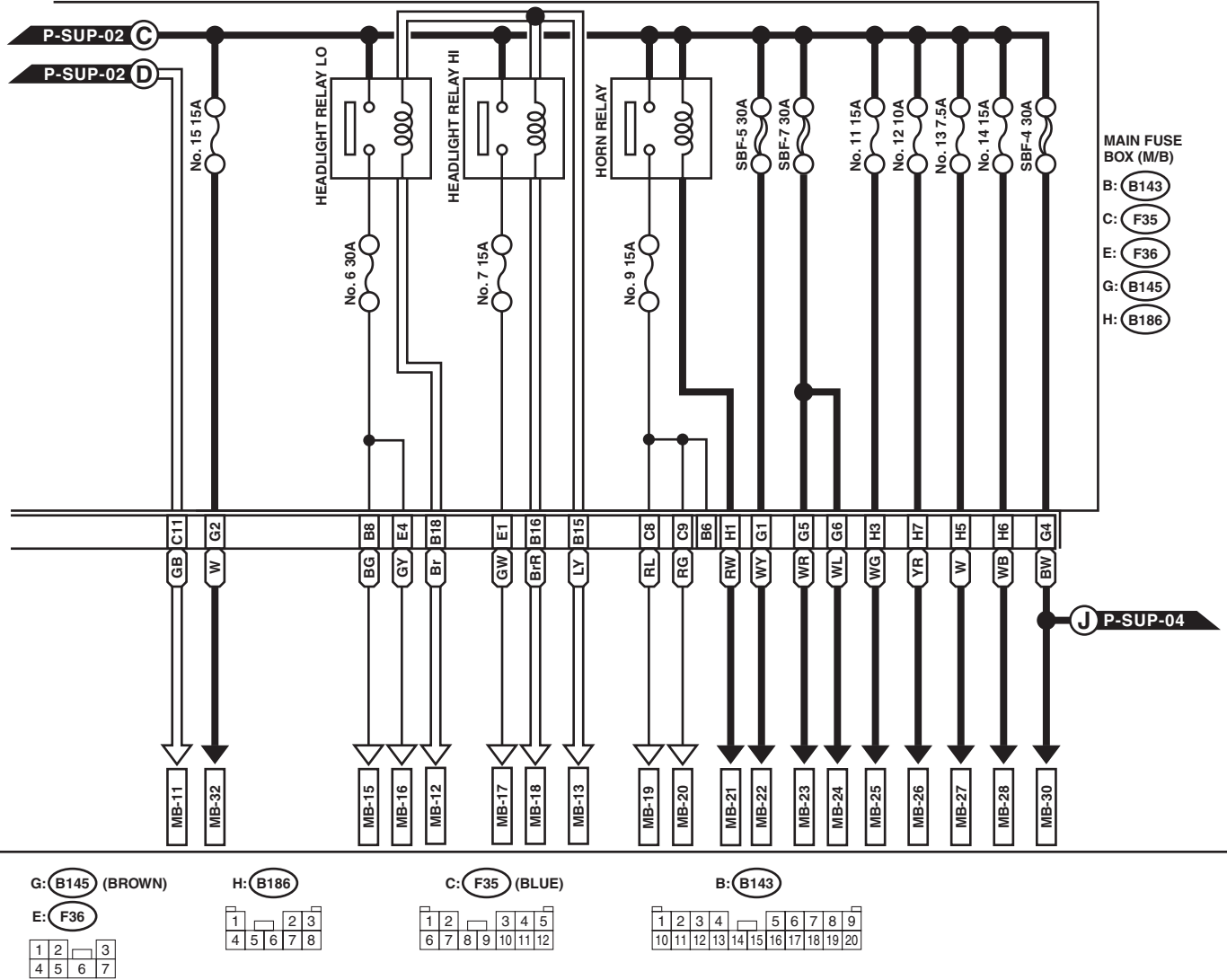
WI-18582

Power Supply Circuit

WIRING SYSTEM

P-SUP-03

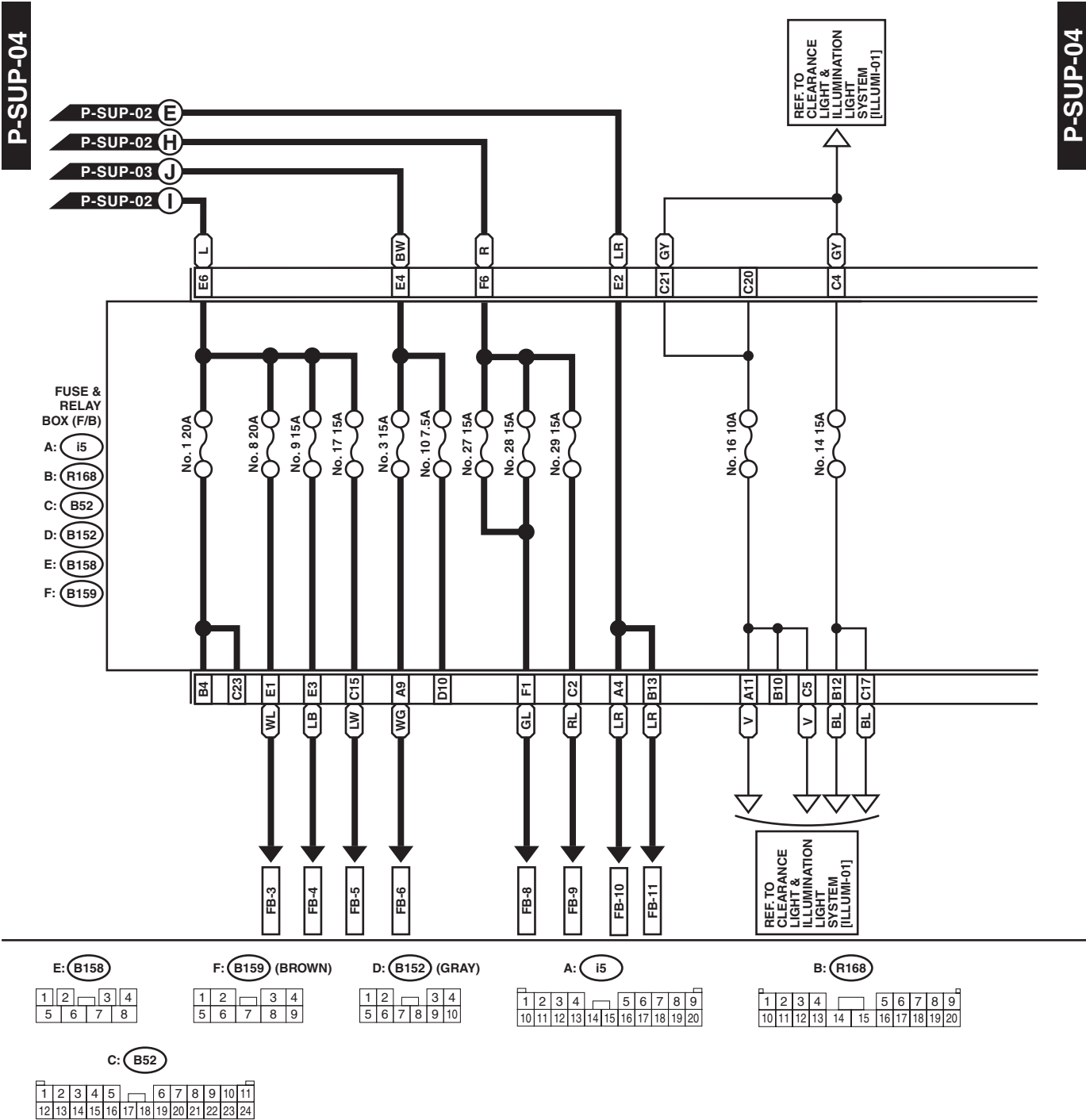
P-SUP-03



WI-18583

Power Supply Circuit

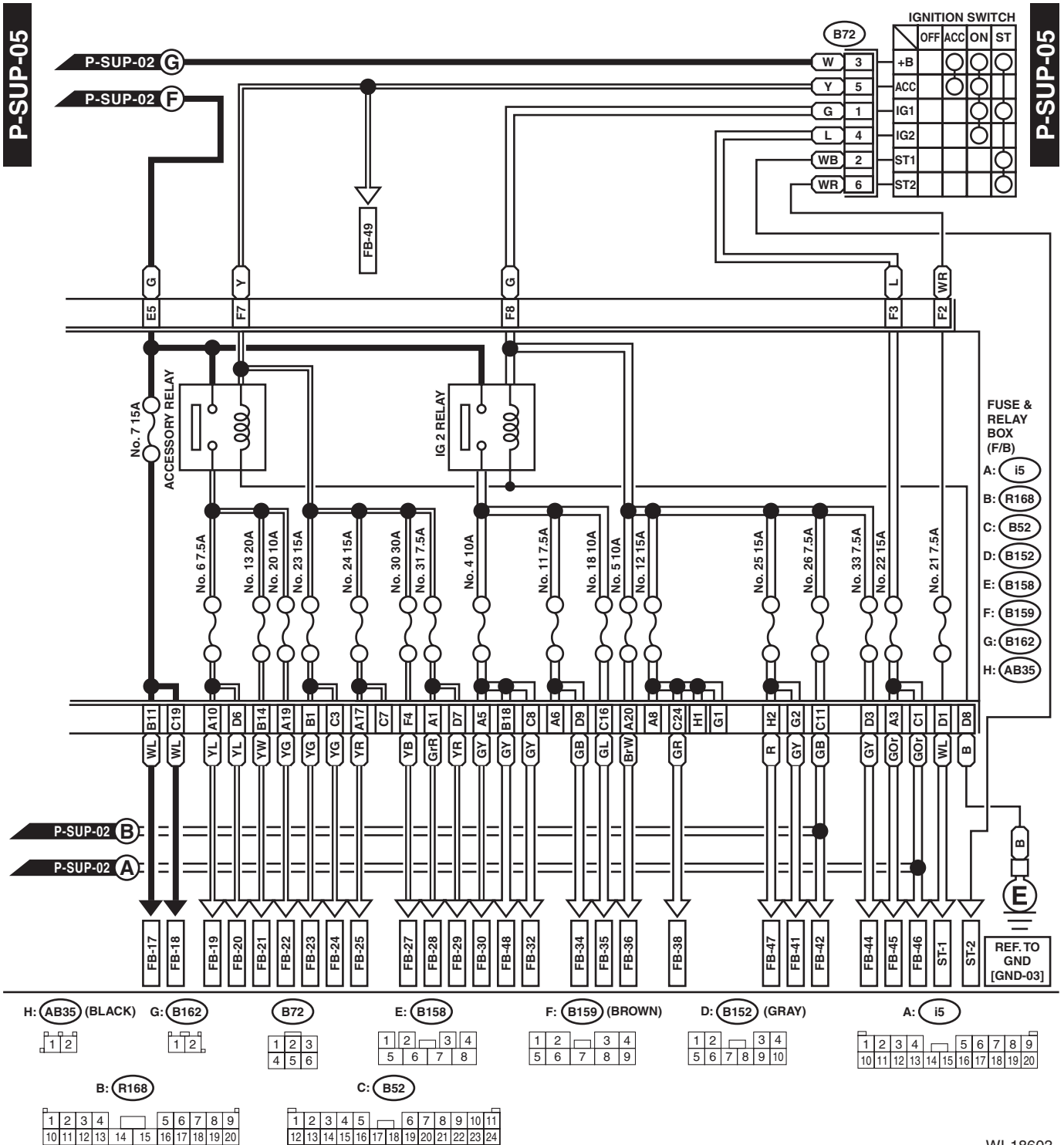
WIRING SYSTEM



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Power Supply Circuit

WIRING SYSTEM



Power Supply Circuit

WIRING SYSTEM

No.	Load
MB-1	VDC control module
MB-2	VDC control module
MB-4	Sub fan relay
MB-5	Mirror heater LH
	Mirror heater RH
	Rear defogger
	A/C control panel
MB-6	Body integrated unit
MB-7	Main fan relay 2
MB-8	Main fan motor
MB-9	ECM
MB-10	Main fan relay 2
MB-11	Main fan relay 2
MB-12	Body integrated unit
MB-13	Body integrated unit
MB-15	Front fog light relay
MB-16	Headlight LH (LO)
	Headlight RH (LO)
MB-17	Headlight LH (HI)
	Headlight RH (HI)
	Daytime running light relay
MB-18	Body integrated unit
MB-19	Horn
MB-20	Horn
MB-21	Horn switch
	Body integrated unit
MB-22	A/F, Oxygen sensor relay
MB-23	Main relay
	IG relay
MB-24	Electronic throttle control relay
MB-25	Fuel pump relay
MB-26	DCCD CM
	DCCD relay
MB-27	ECM
	Data link connector
MB-28	Key illumination
	Key warning switch
	Turn signal and hazard unit
	Body integrated unit
MB-29	Spot map light
	Room light
	Body integrated unit
MB-30	Power window circuit breaker
MB-32	Tail & illumination relay
	Daytime running light relay
	Body integrated unit
MB-33	Secondary air pump relay
MB-34	Secondary air combination valve relay 1
	Secondary air combination valve relay 2
ALT-1	Combination meter

No.	Load
ST-1	Clutch switch
	ECM
	Starter relay
ST-2	Starter relay
FB-3	Stop light & brake switch
FB-4	Wiper deicer relay
FB-5	Seat heater relay
FB-6	Body integrated unit
FB-8	Blower motor relay
FB-9	Front fog light relay
FB-10	Audio
	Clock
FB-11	Keyless entry control module
	Luggage room light
FB-17	A/C control panel
	Combination meter
	TPM control module
FB-18	Body integrated unit
	Impact sensor
	Mode door actuator
	Air mix door actuator
FB-19	Remote control mirror switch
FB-20	Seat heater relay
	Compass mirror
FB-21	Rear accessory power supply socket
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-27	Combination switch
	Front wiper motor
FB-28	A/C control panel
FB-29	Body integrated unit
FB-30	Navigation module
FB-32	ECM
	Clutch switch
	Impact sensor
	Data link connector
	Stop light & brake switch
	Wiper deicer relay
FB-34	Turn signal and hazard unit
FB-35	Back-up light switch
FB-36	Combination meter
	Clock

No.	Load
FB-38	ECM
	Body integrated unit
	Fuel pump relay
	Ignition coil No. 1
	Ignition coil No. 2
	Ignition coil No. 3
	Ignition coil No. 4
	DCCD CM
	DCCD relay
FB-41	Airbag control module
FB-42	Power window relay
FB-44	VDC control module
FB-45	A/C control panel
FB-46	A/C relay
	Intake door actuator
	Sub fan relay
	Pressure switch
	Blower motor relay
FB-47	Occupant detection control module
FB-48	TPM control module
FB-49	Front washer motor

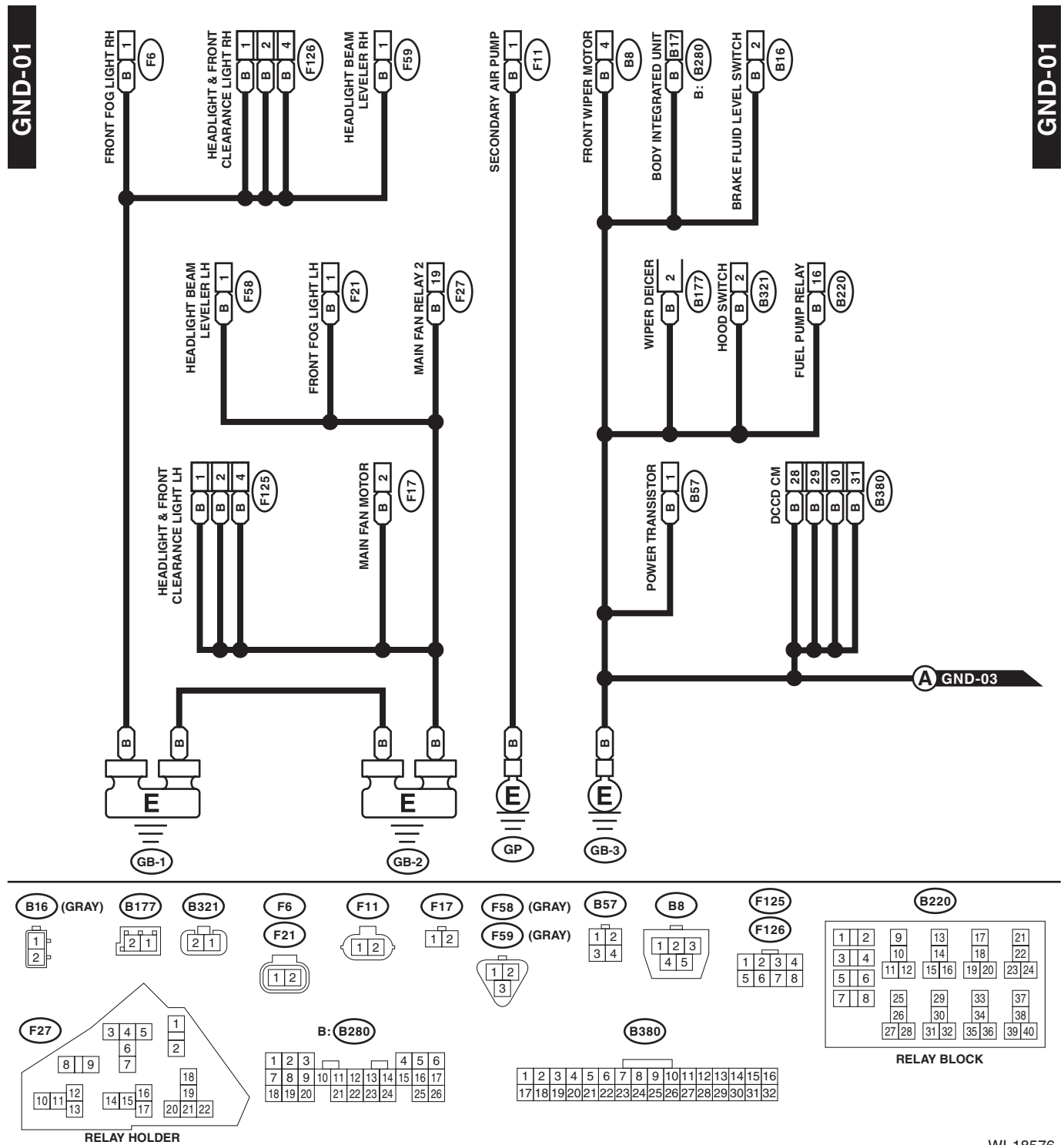
Ground Circuit

WIRING SYSTEM

4. Ground Circuit

A: WIRING DIAGRAM

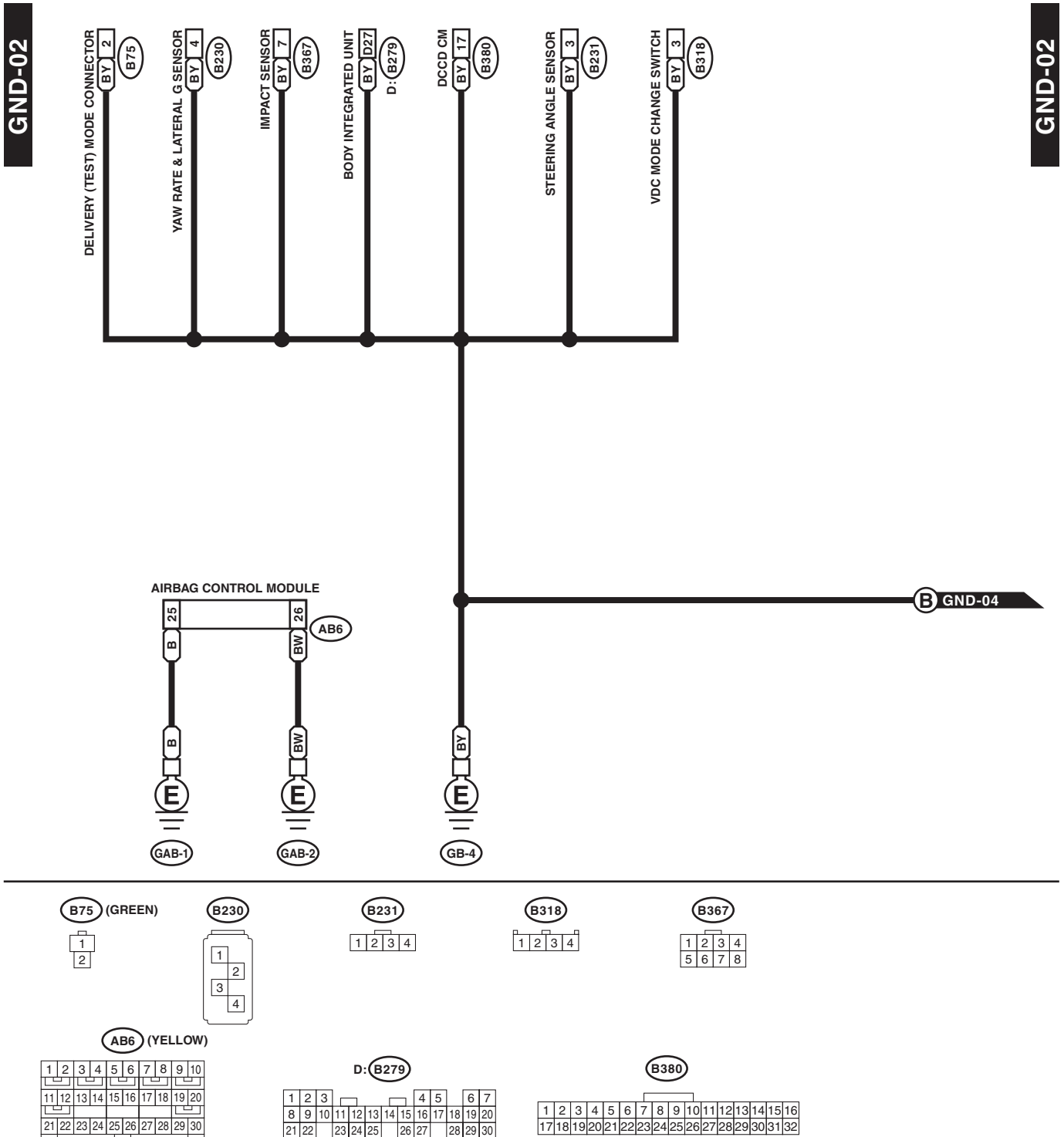
1. BODY GROUND



WI-18576

Ground Circuit

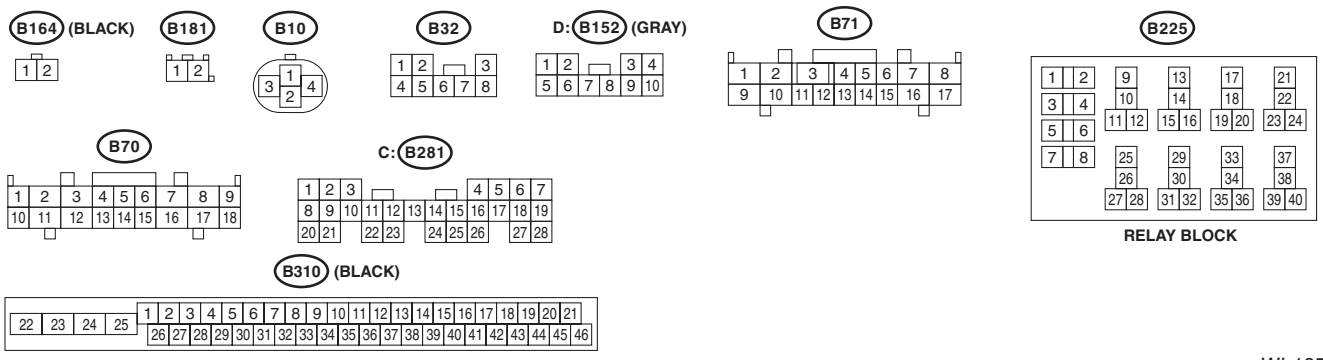
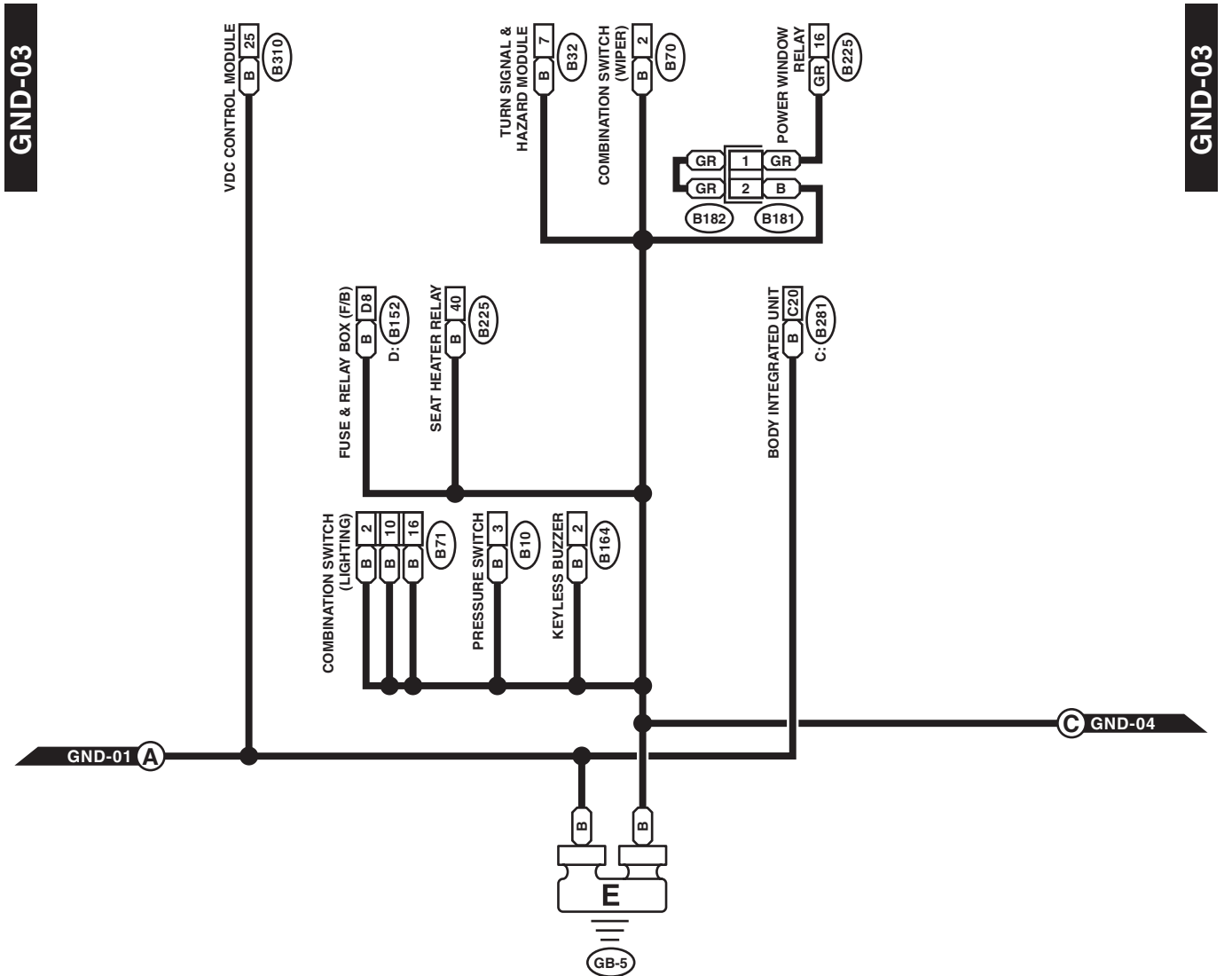
WIRING SYSTEM



WI-18646

Ground Circuit

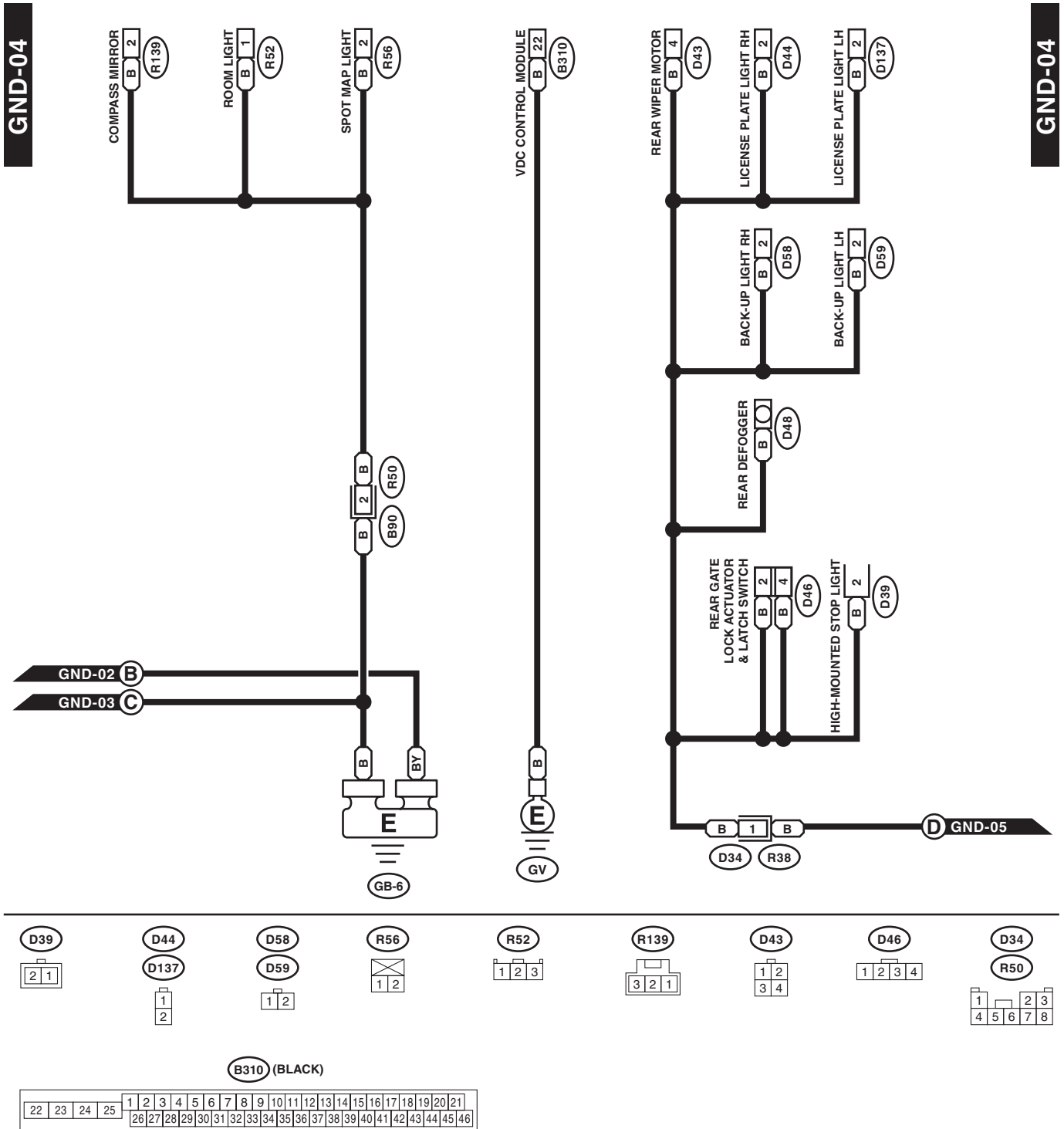
WIRING SYSTEM



WI-18577

Ground Circuit

WIRING SYSTEM



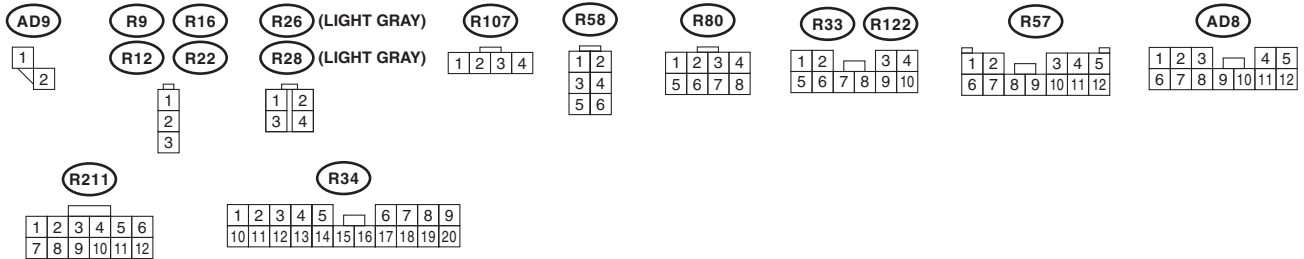
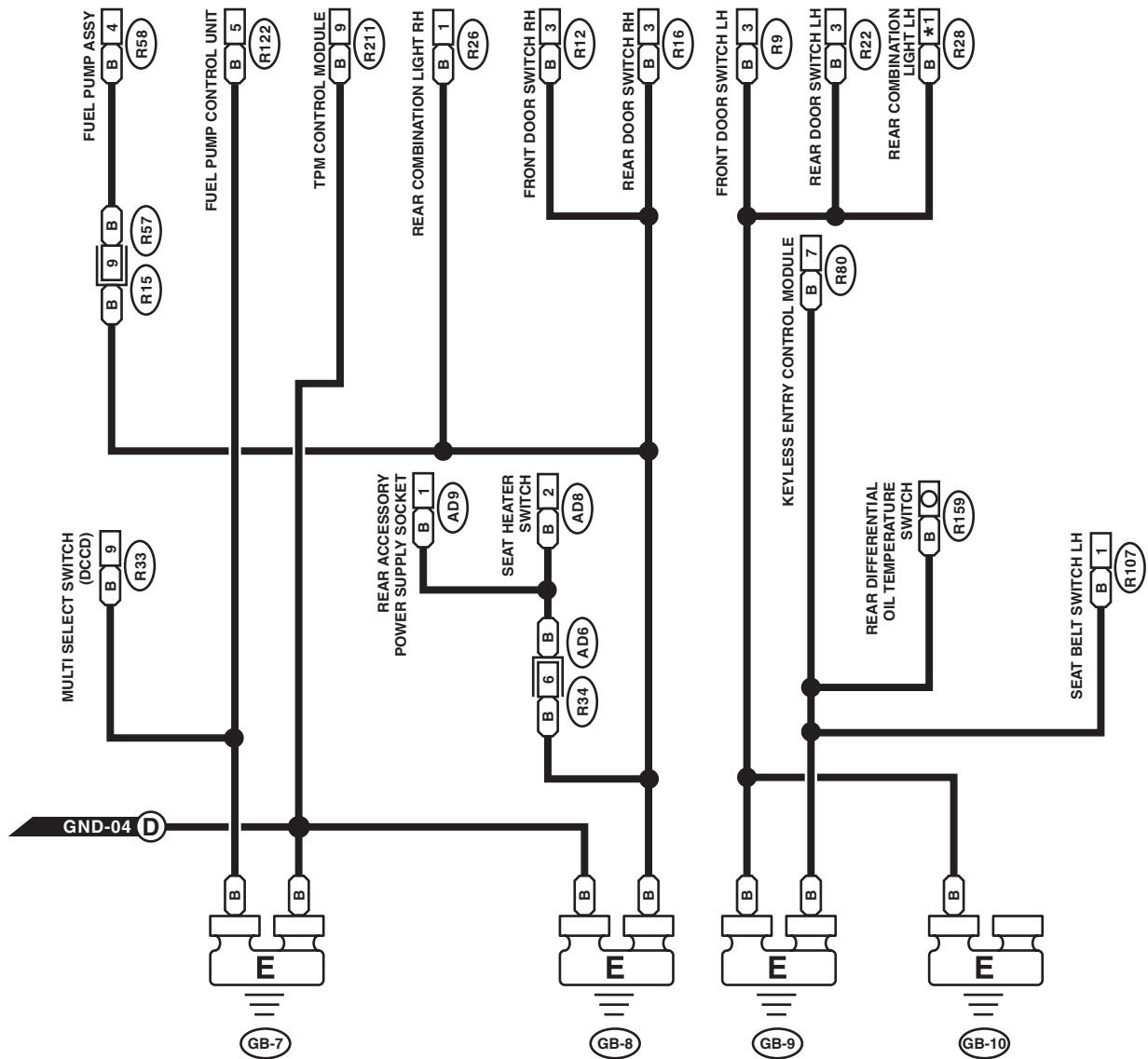
WI-18647

Ground Circuit

WIRING SYSTEM

GND-05

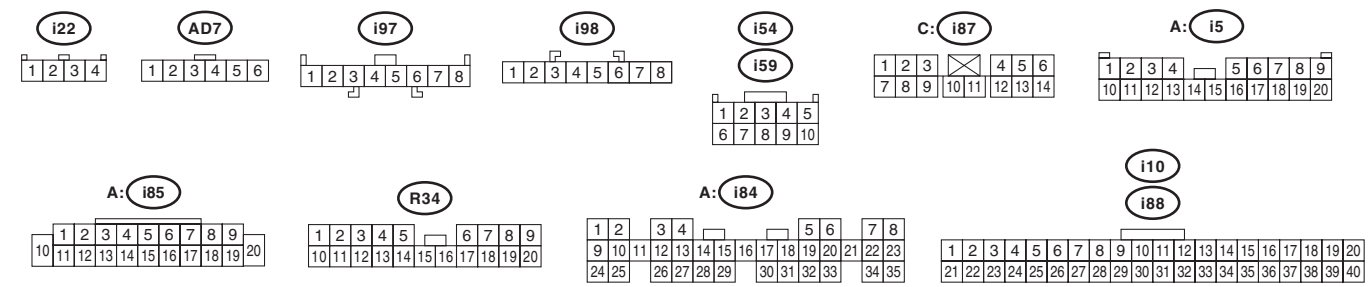
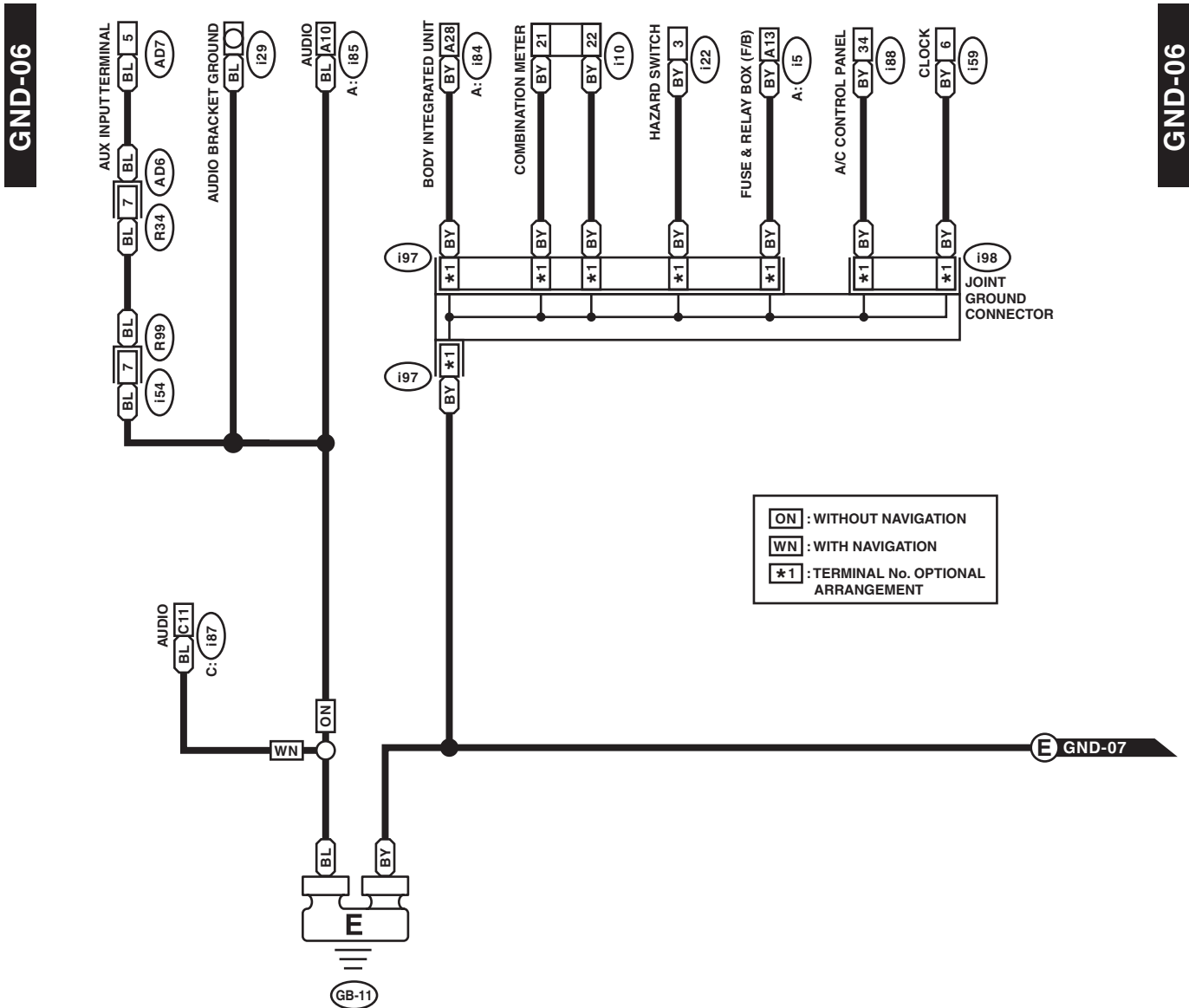
GND-05



WI-18578

Ground Circuit

WIRING SYSTEM



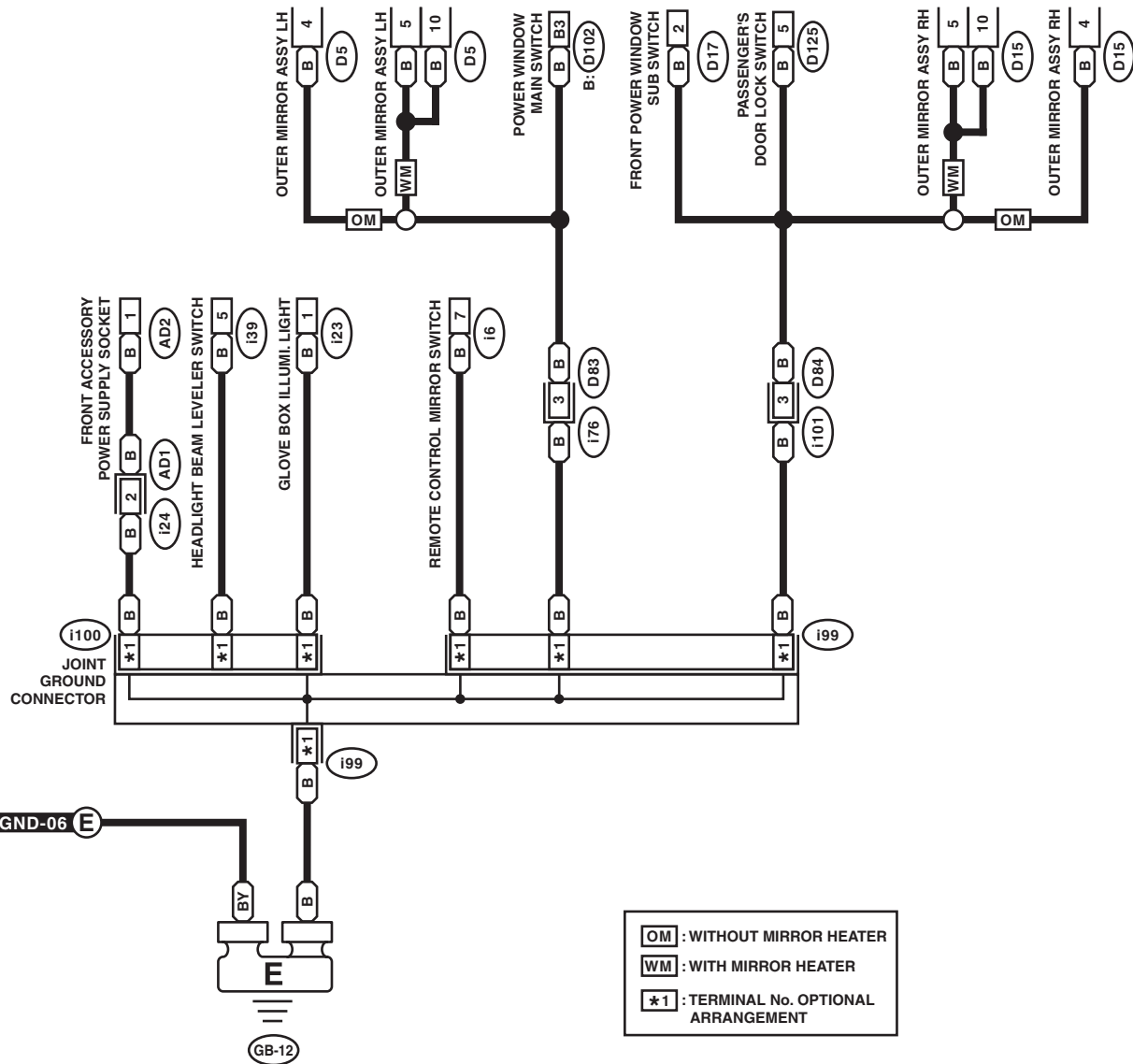
WI-18579

Ground Circuit

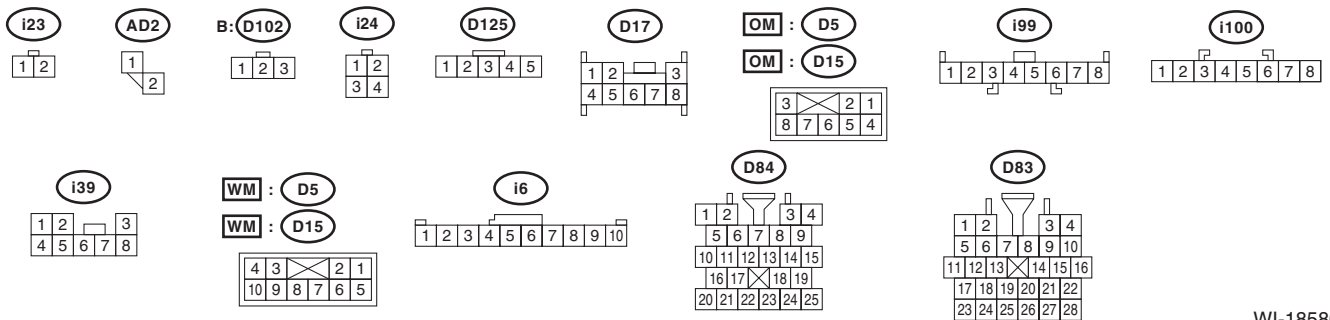
WIRING SYSTEM

GND-07

GND-07



OM : WITHOUT MIRROR HEATER
WM : WITH MIRROR HEATER
*1 : TERMINAL No. OPTIONAL ARRANGEMENT

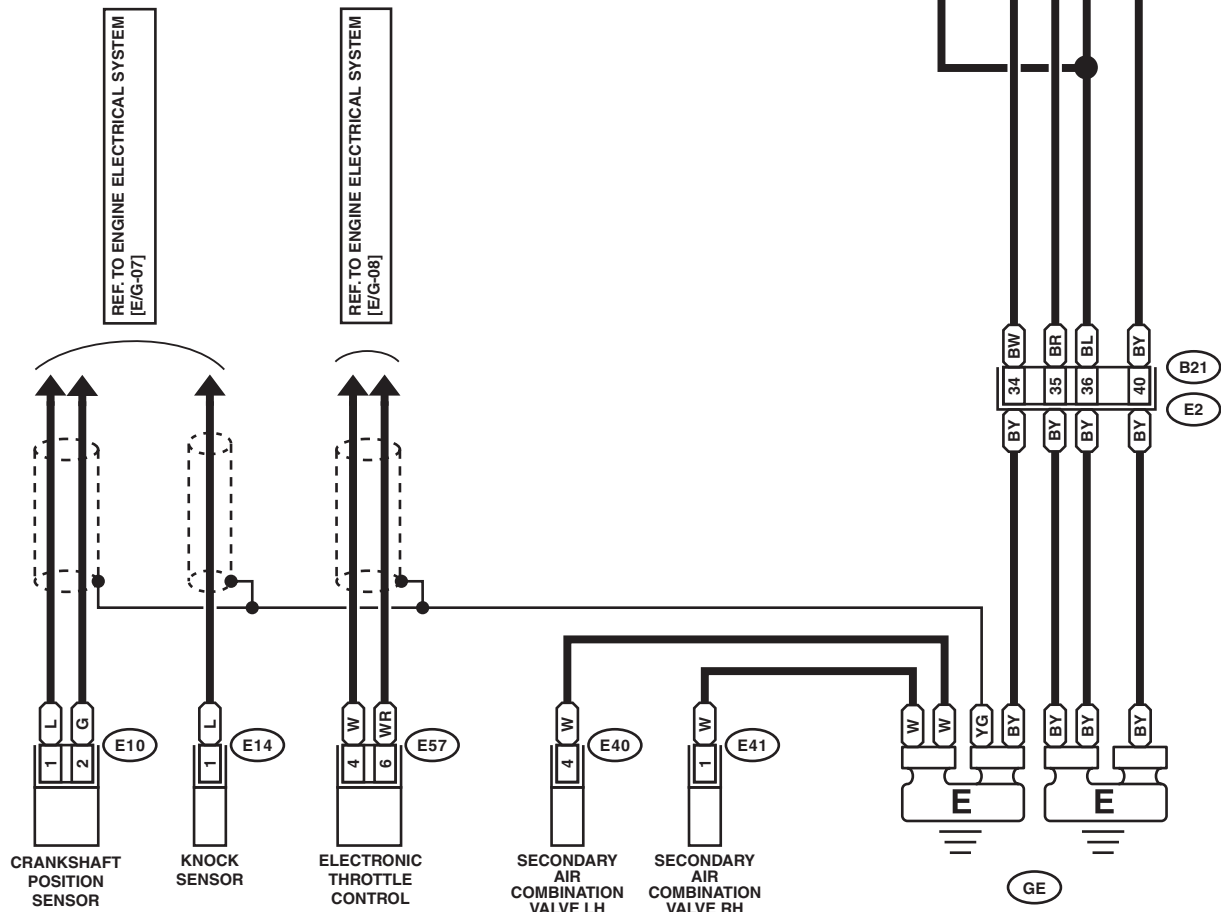


WI-18580

2. ENGINE GROUND

GND-08

GND-08



E10 (LIGHT GRAY)

E40 (BLACK)

E57 (BLACK)

D: B137

B21

E14 (LIGHT GRAY)

1	2	3
4	5	6

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

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

E41 (BLACK)

1	2
---	---

A: B134

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

C: B136

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

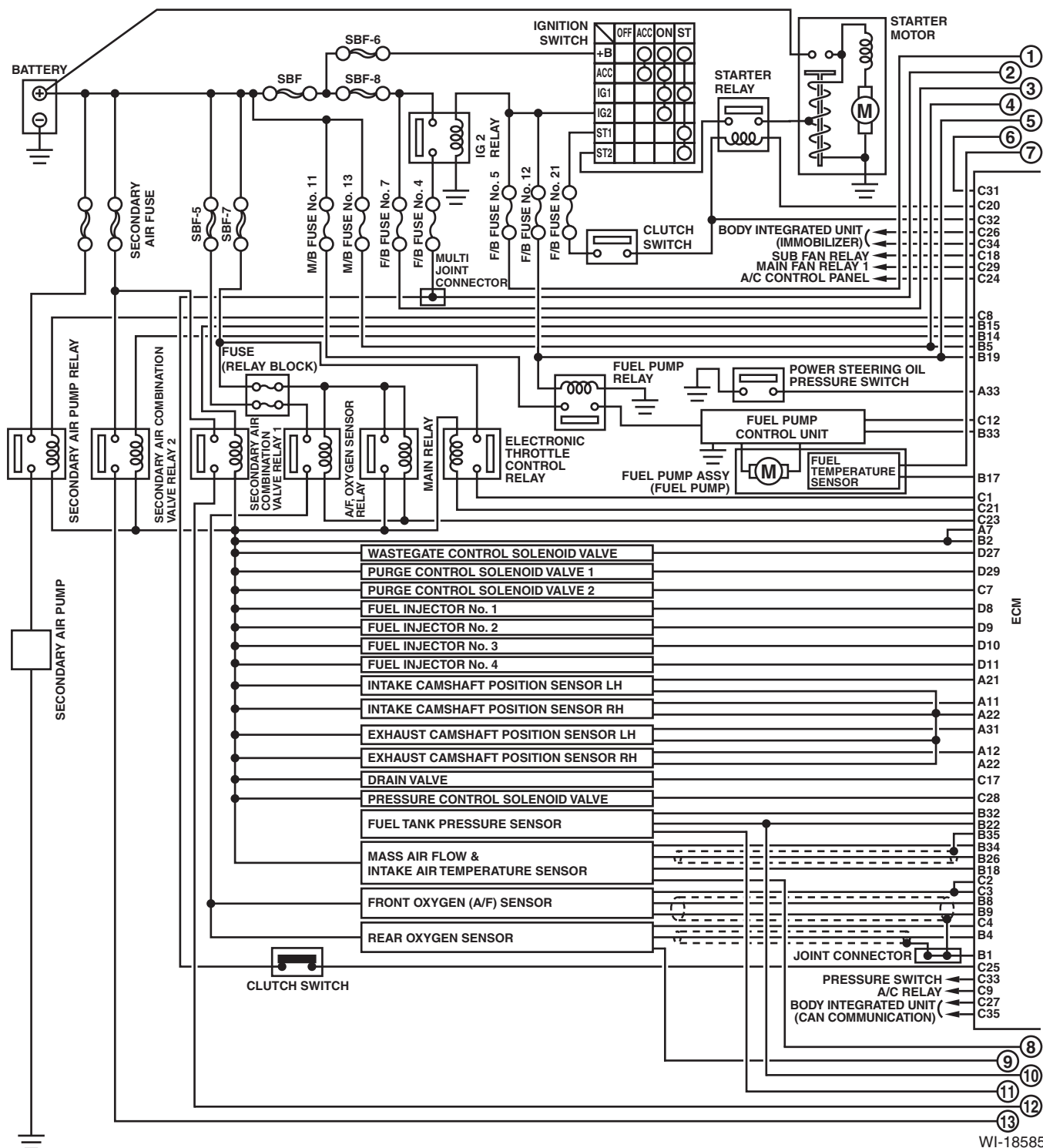
WI-18581

Engine Electrical System

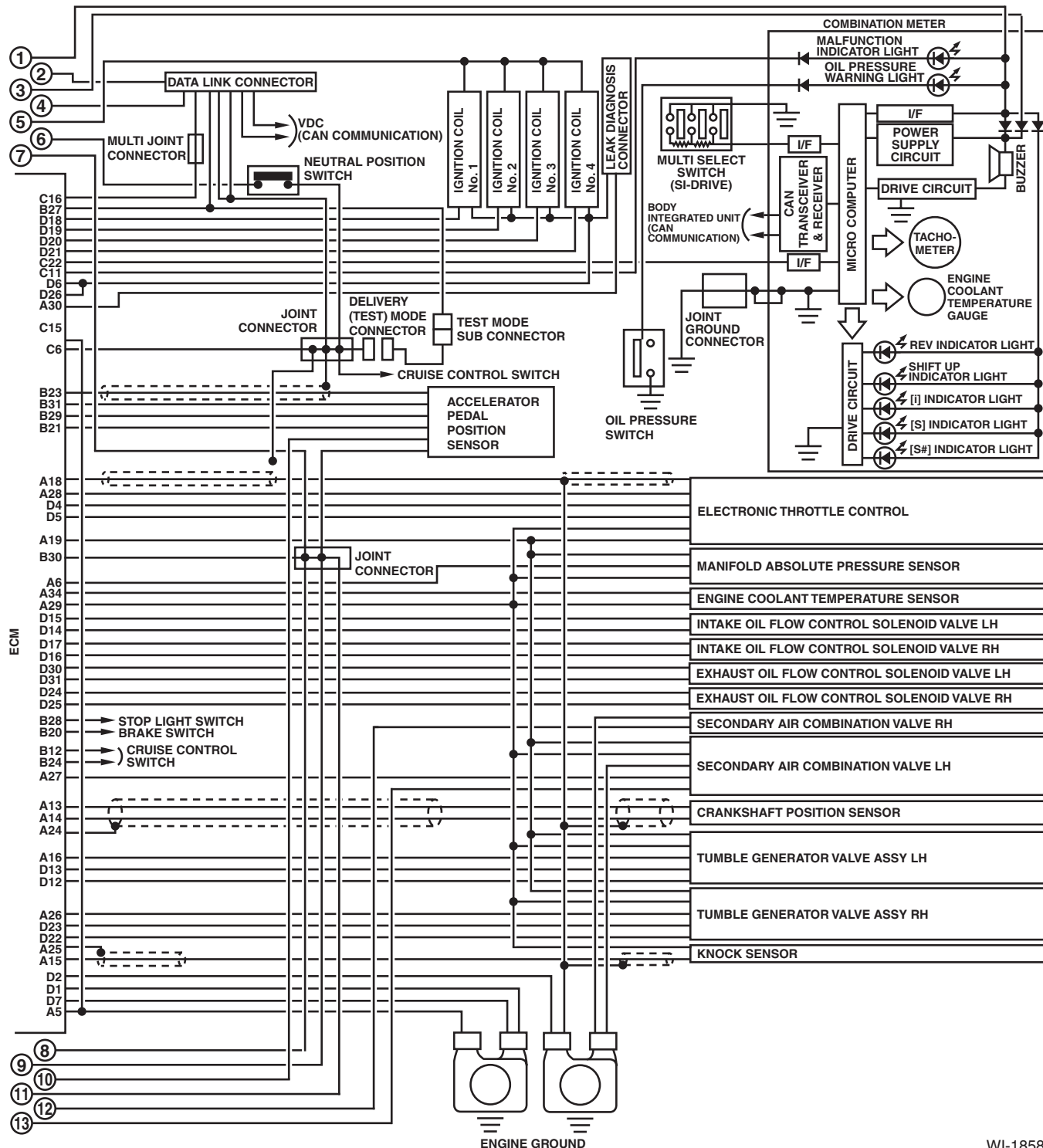
WIRING SYSTEM

5. Engine Electrical System

A: WIRING DIAGRAM



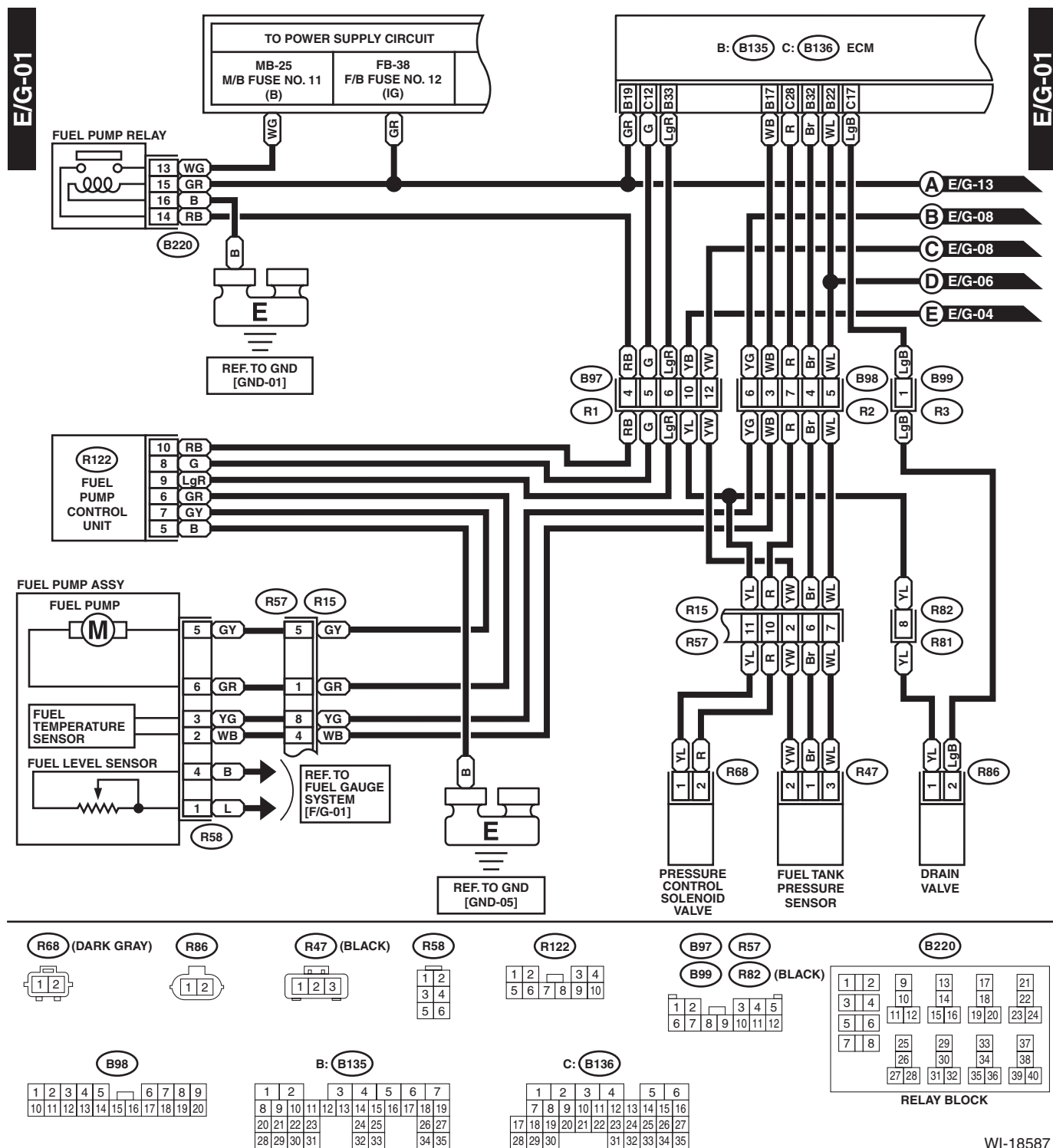
WI-18585

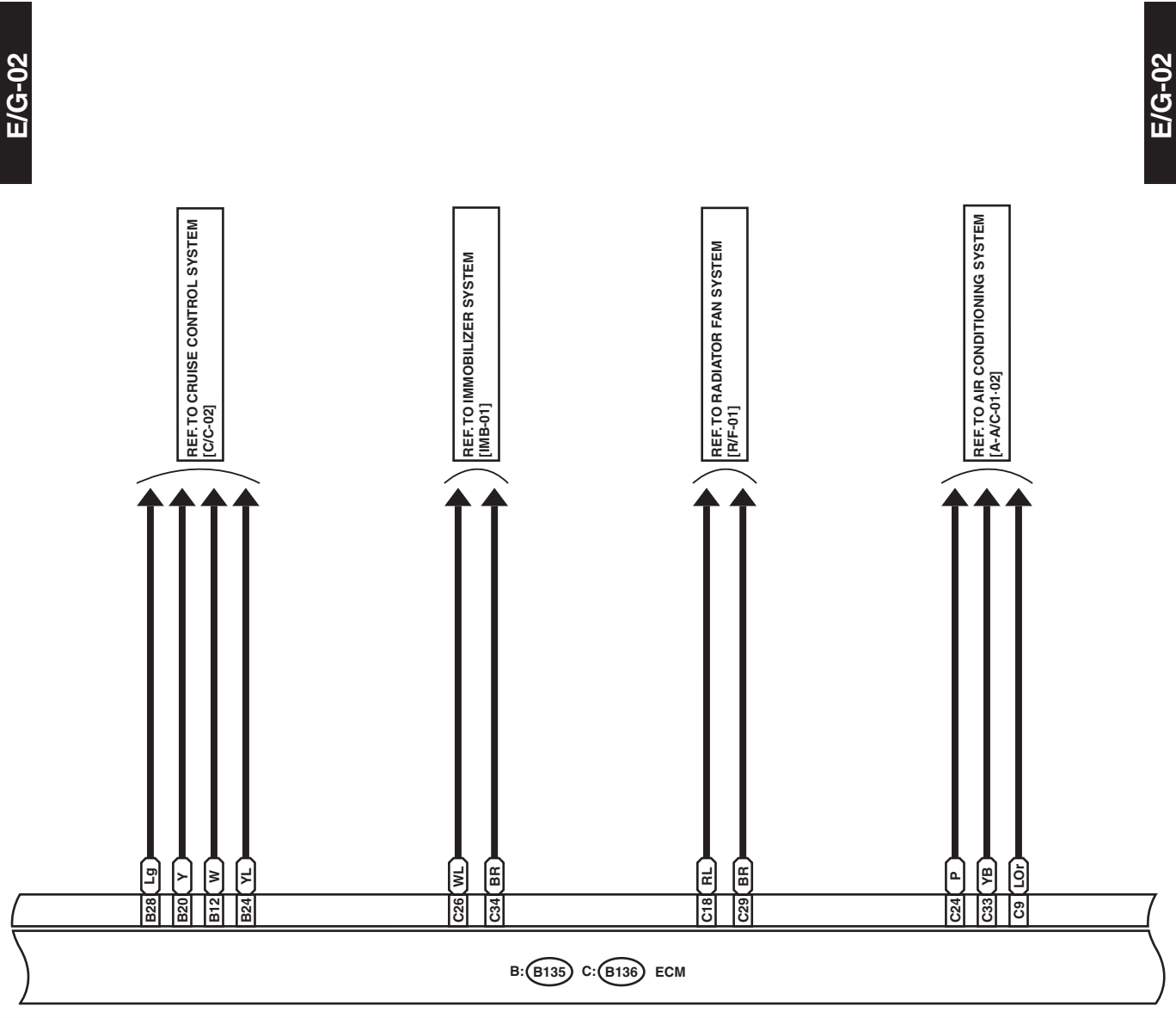


WI-18586

Engine Electrical System

WIRING SYSTEM





B: B135

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

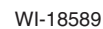
C: B136

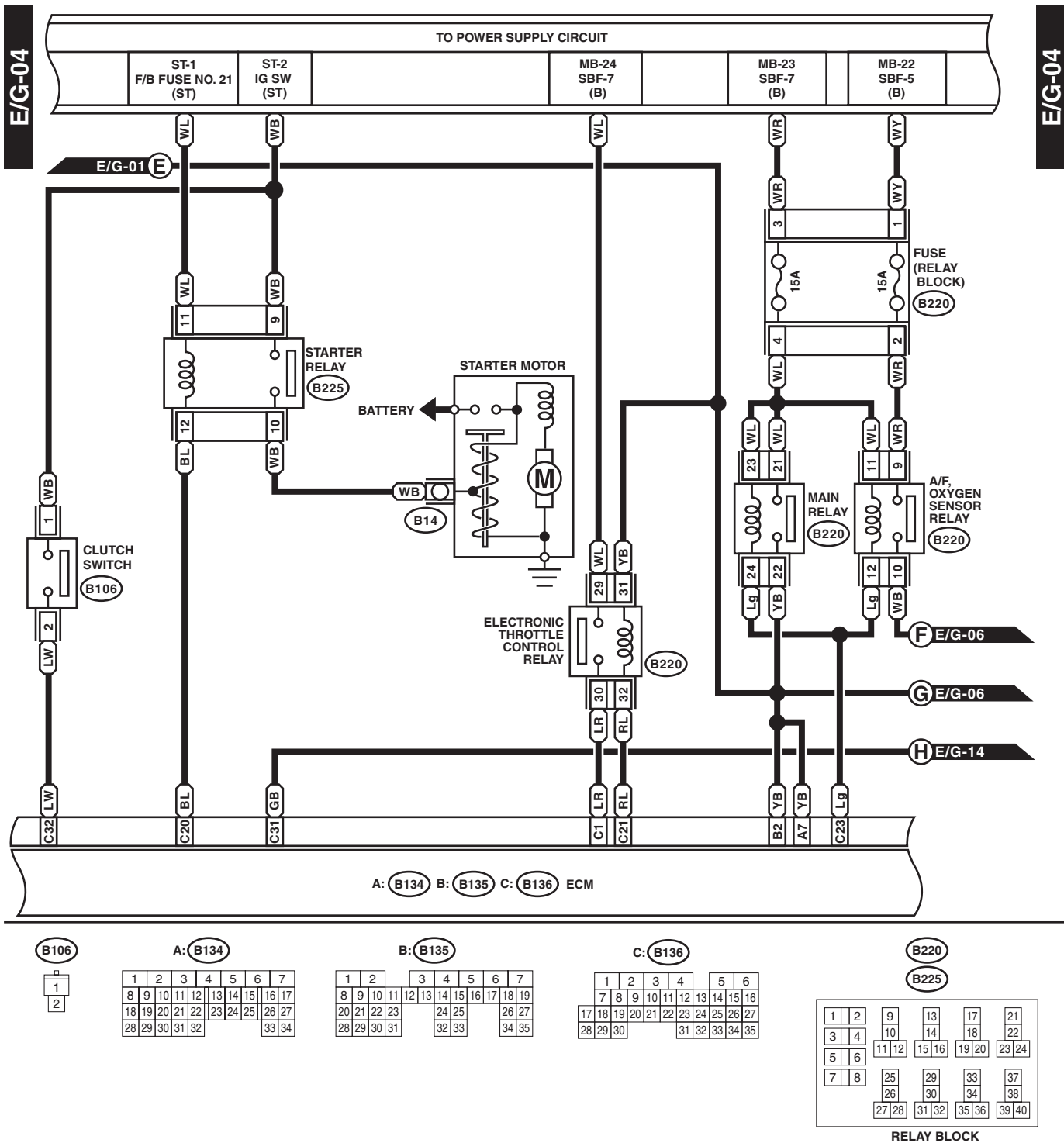
1	2	3	4		5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	32	33	34
35						

WIRING SYSTEM

E/G-03

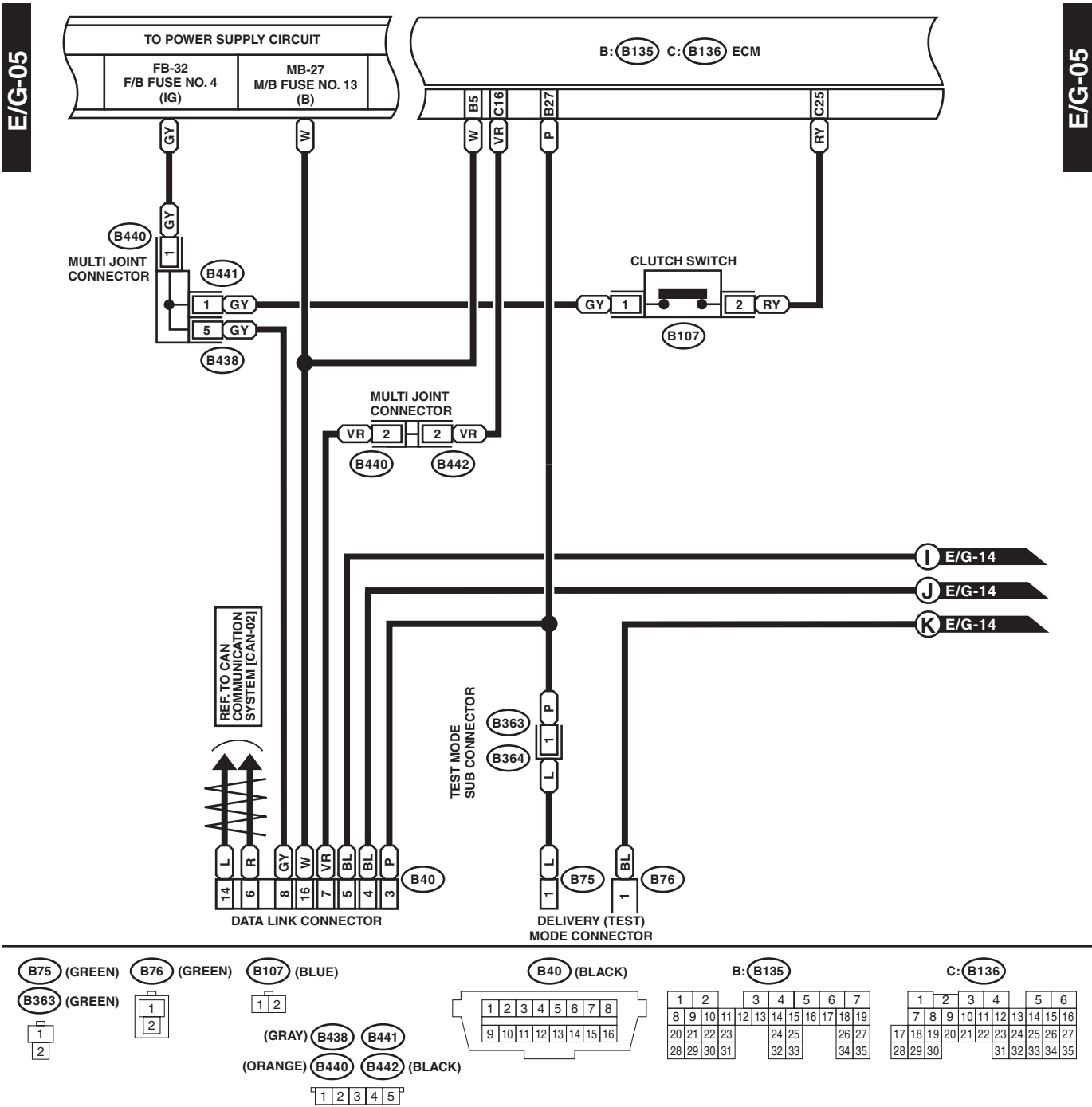
E/G-03



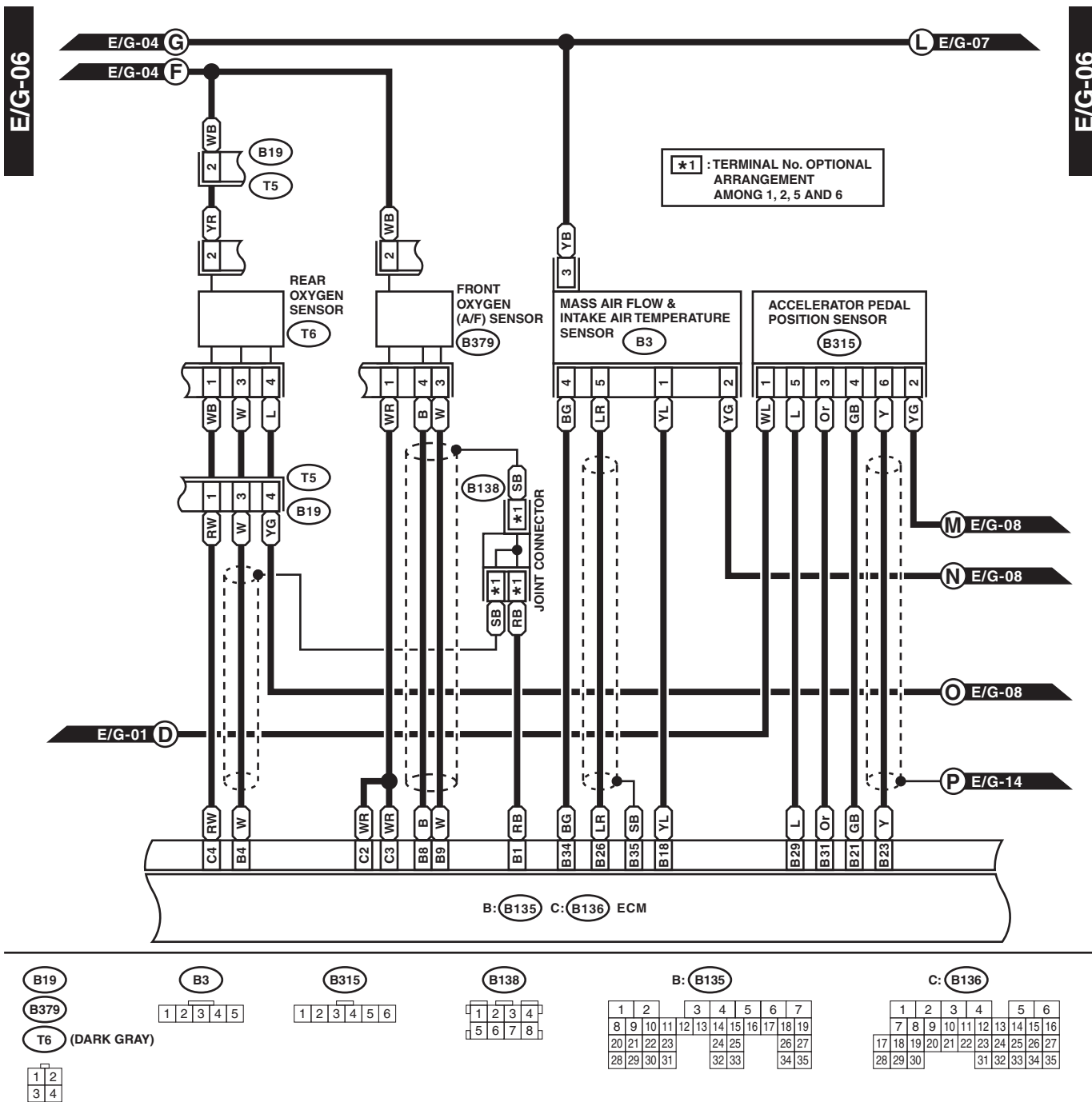


Engine Electrical System

WIRING SYSTEM



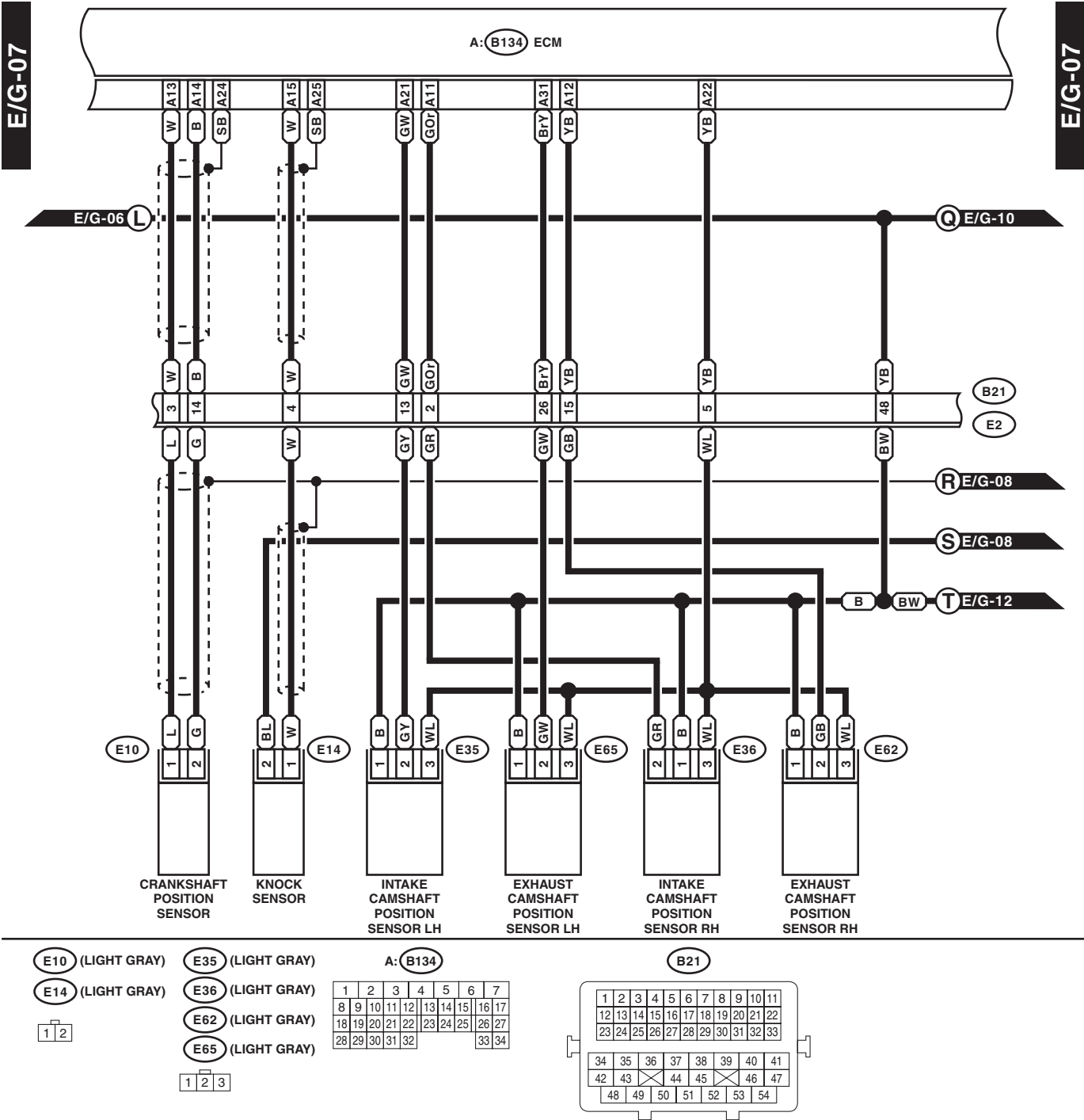
WI-18591



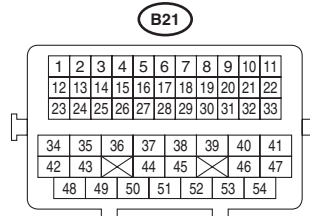
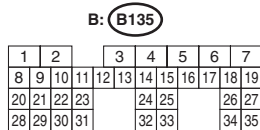
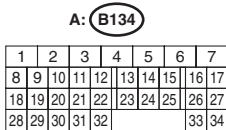
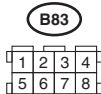
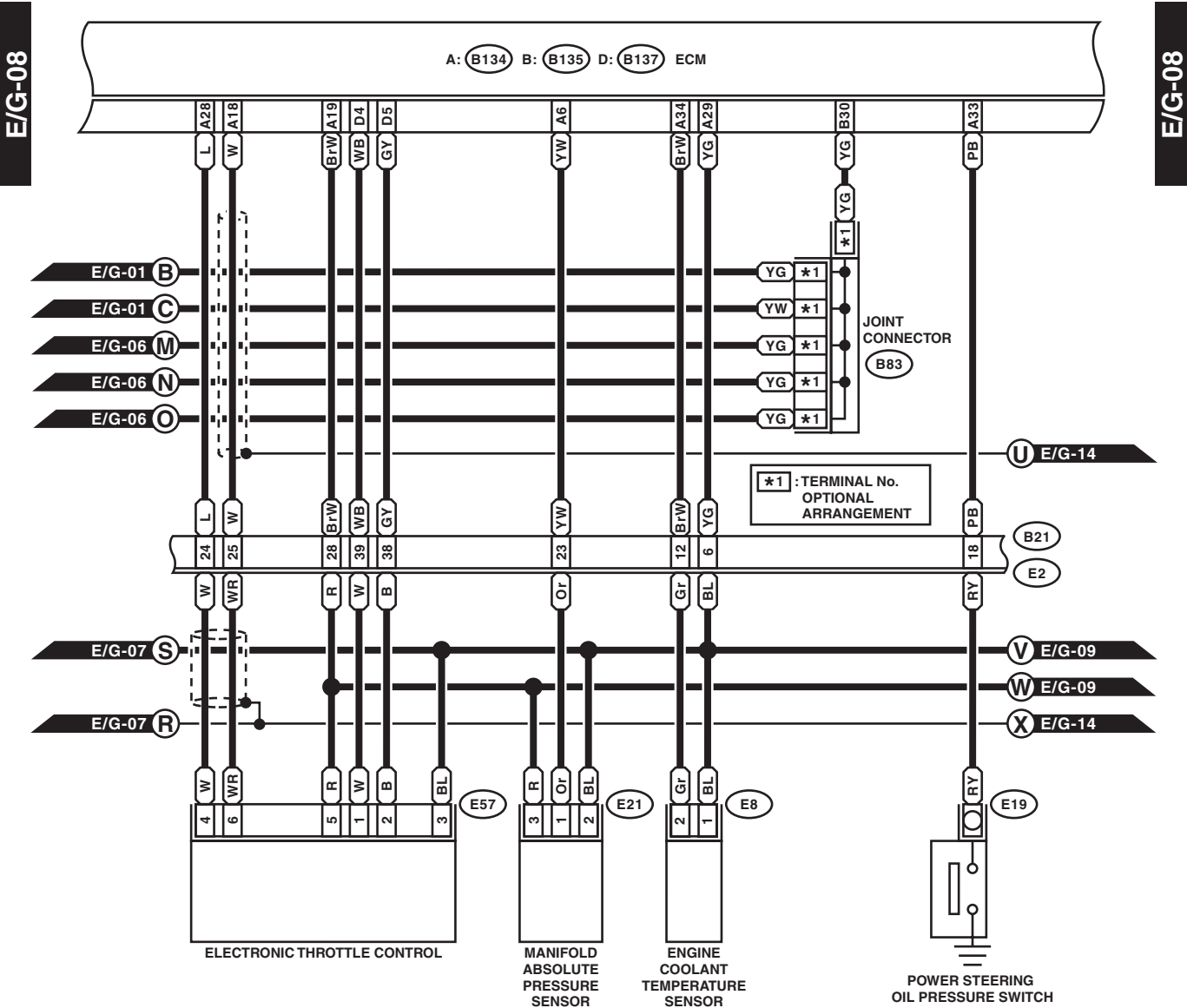
WI-18592

Engine Electrical System

WIRING SYSTEM



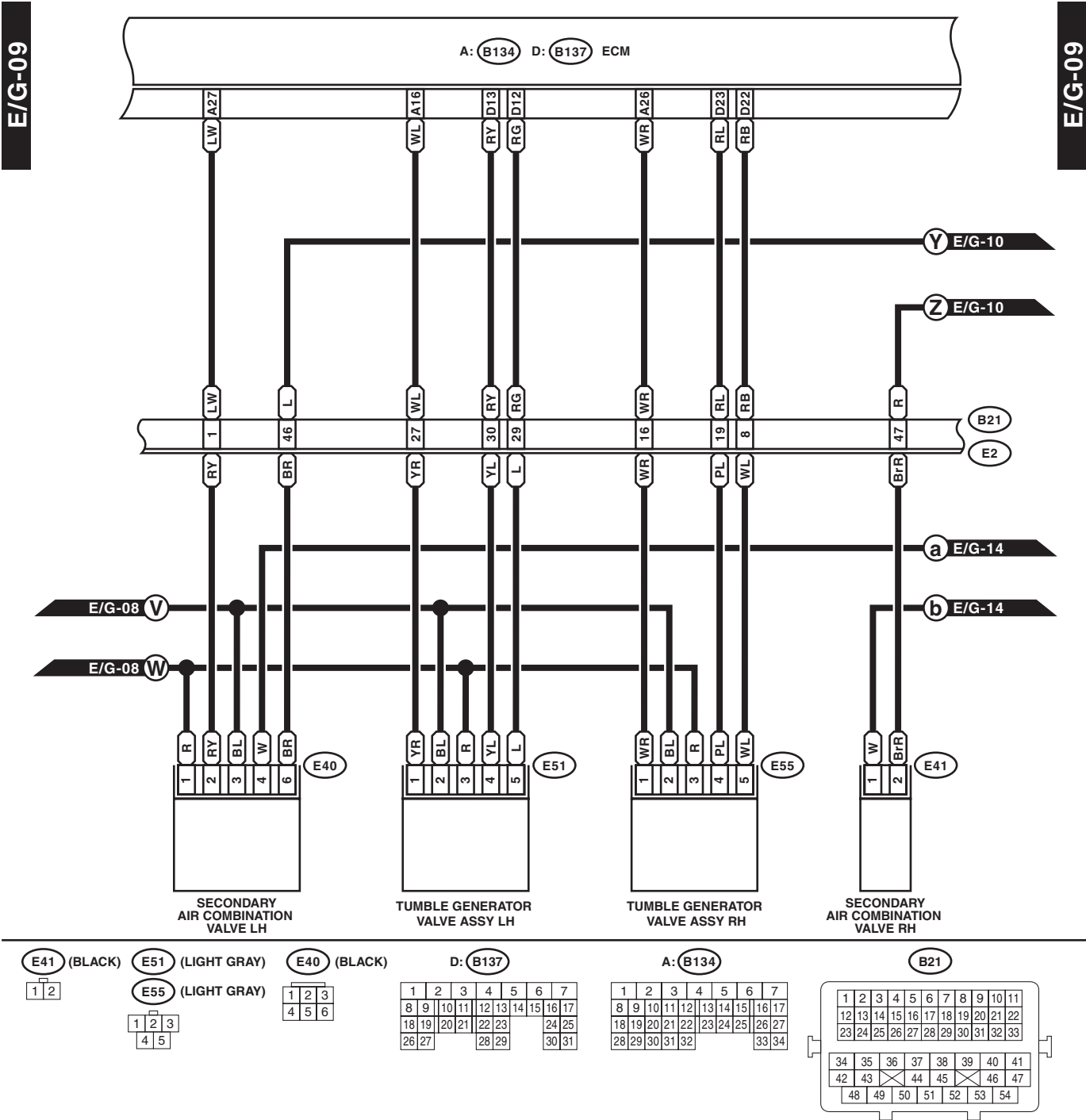
WI-18593



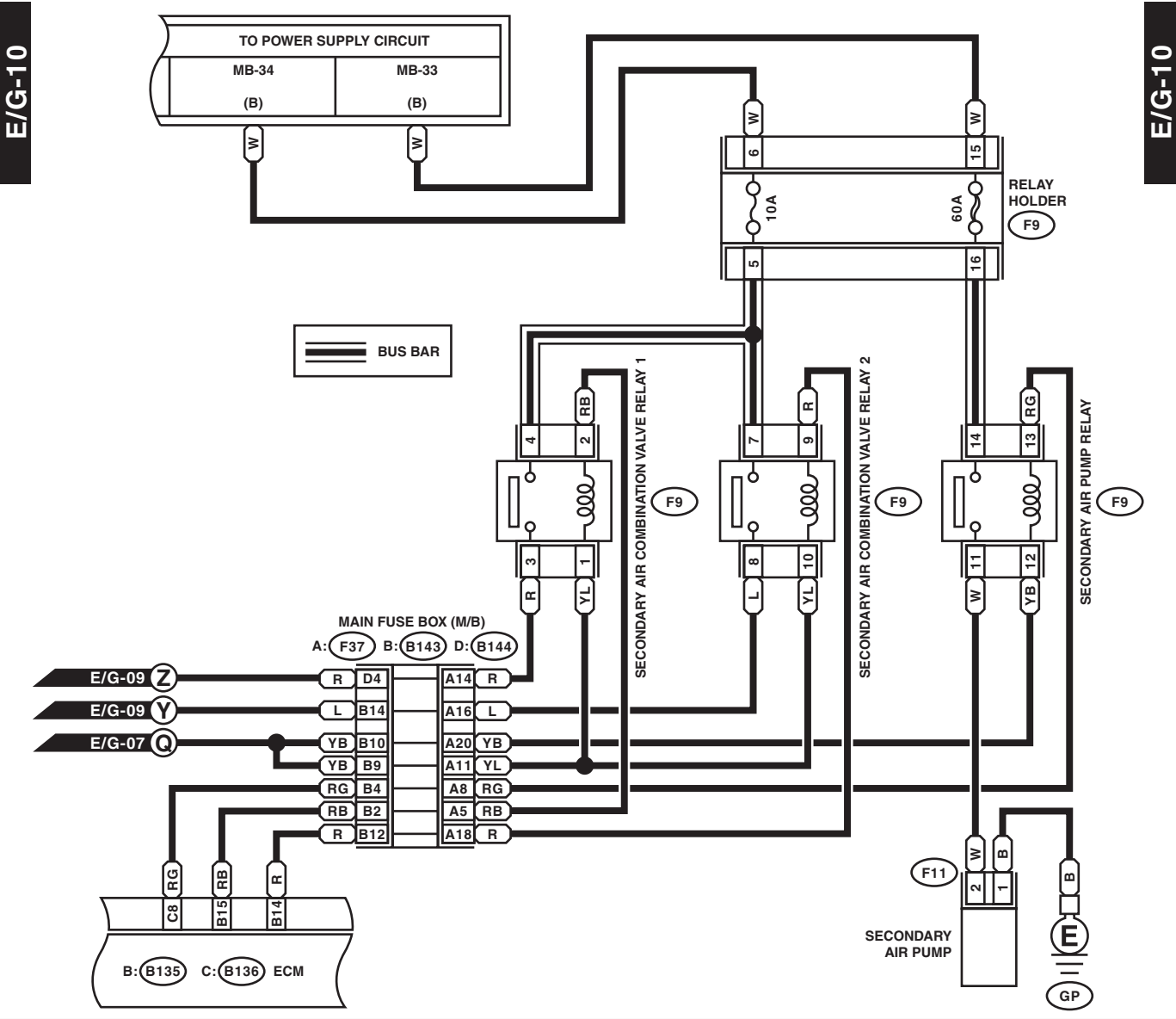
WI-18594

Engine Electrical System

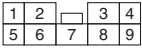
WIRING SYSTEM



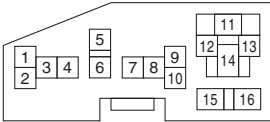
WI-18595



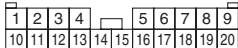
D: B144 (BROWN)



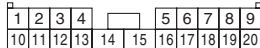
F9



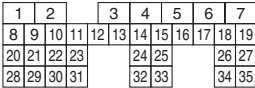
B: B143



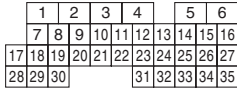
A: F37



B: B135

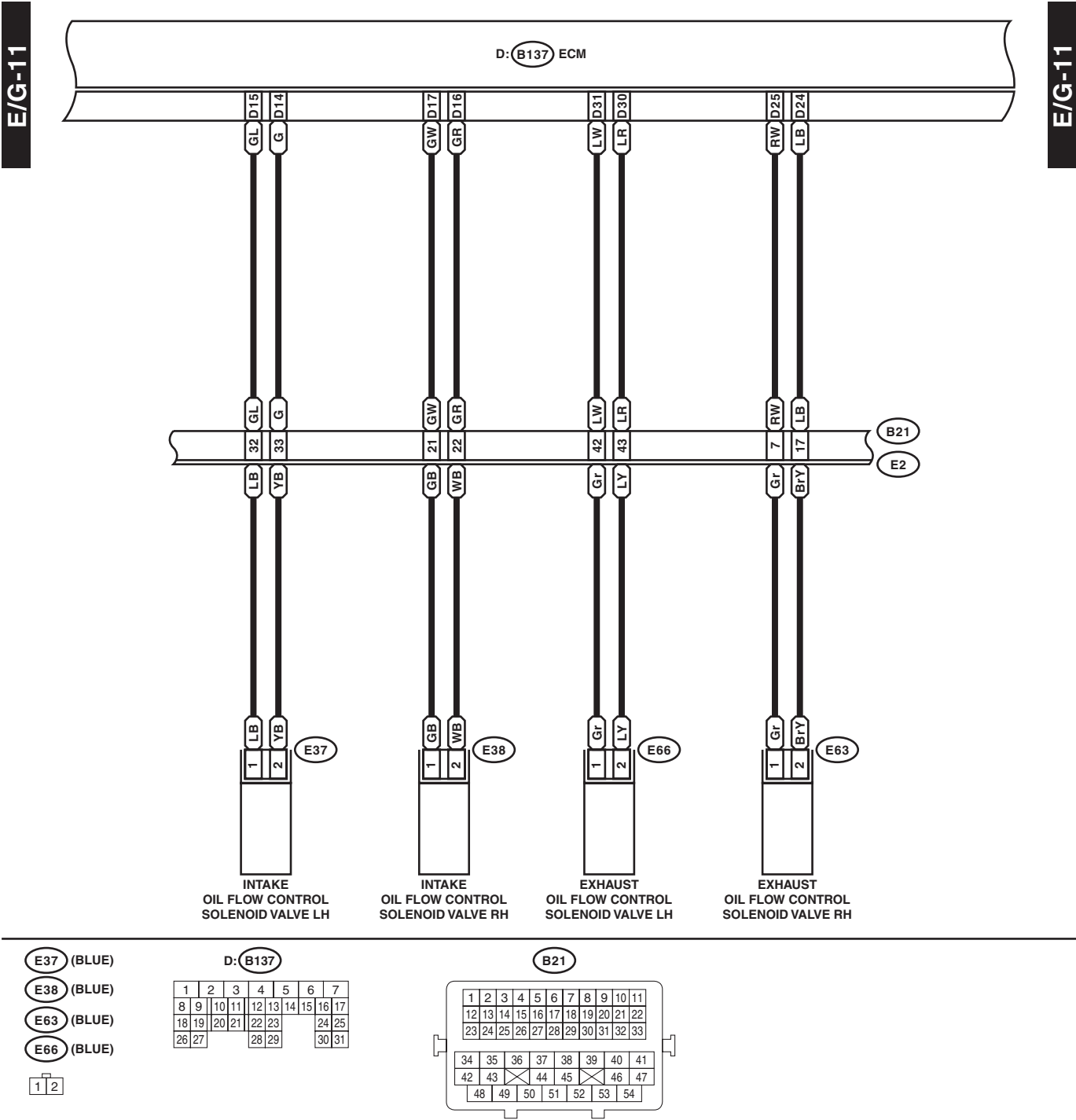


C: B136



Engine Electrical System

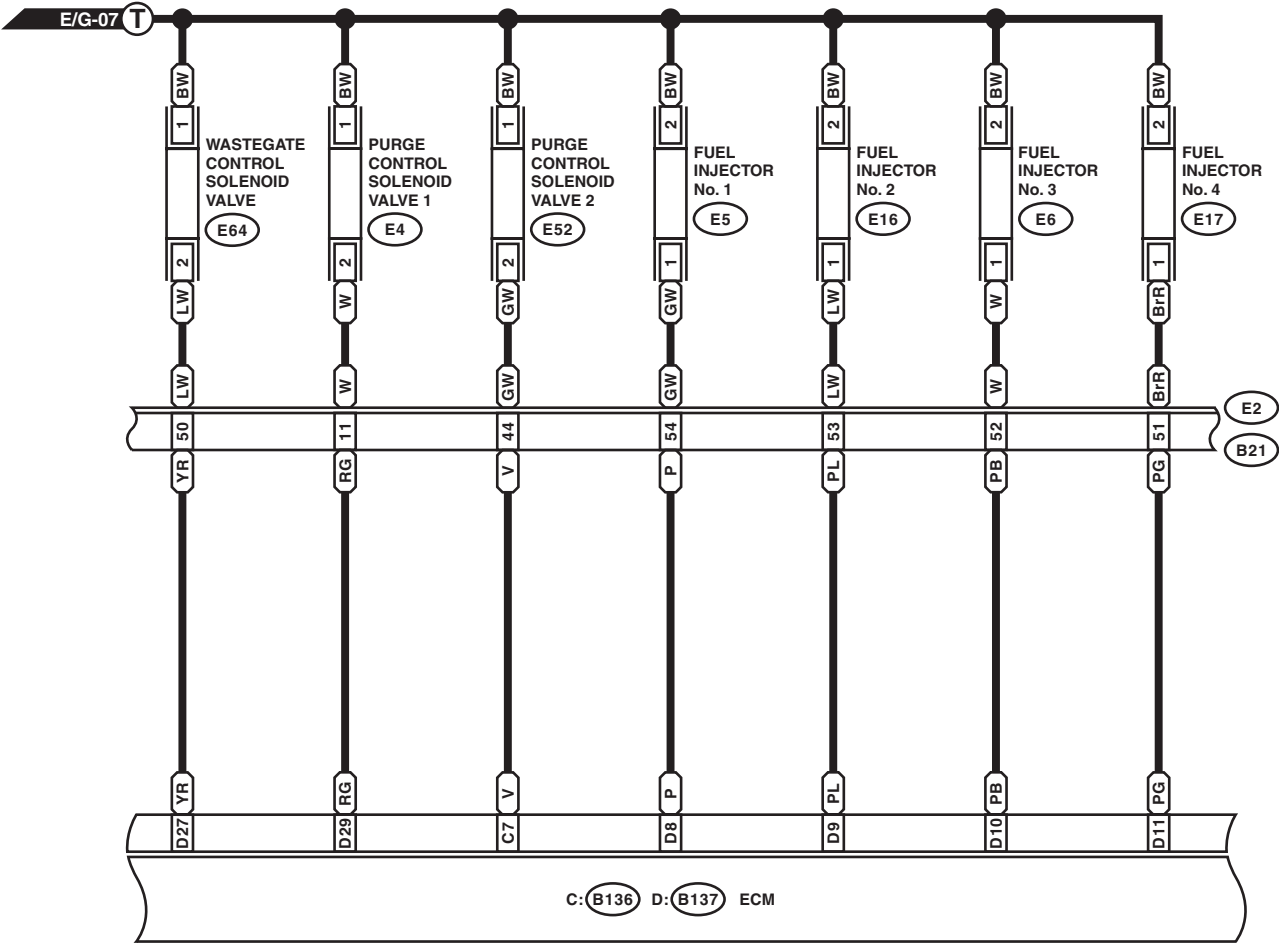
WIRING SYSTEM



WI-18597

E/G-12

E/G-12



- E4 (BLACK)
- E52 (BLACK)
- E64 (BLUE)
- E5 (DARK GRAY)
- E6 (DARK GRAY)
- E16 (DARK GRAY)
- E17 (DARK GRAY)

D: B137

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

C: B136

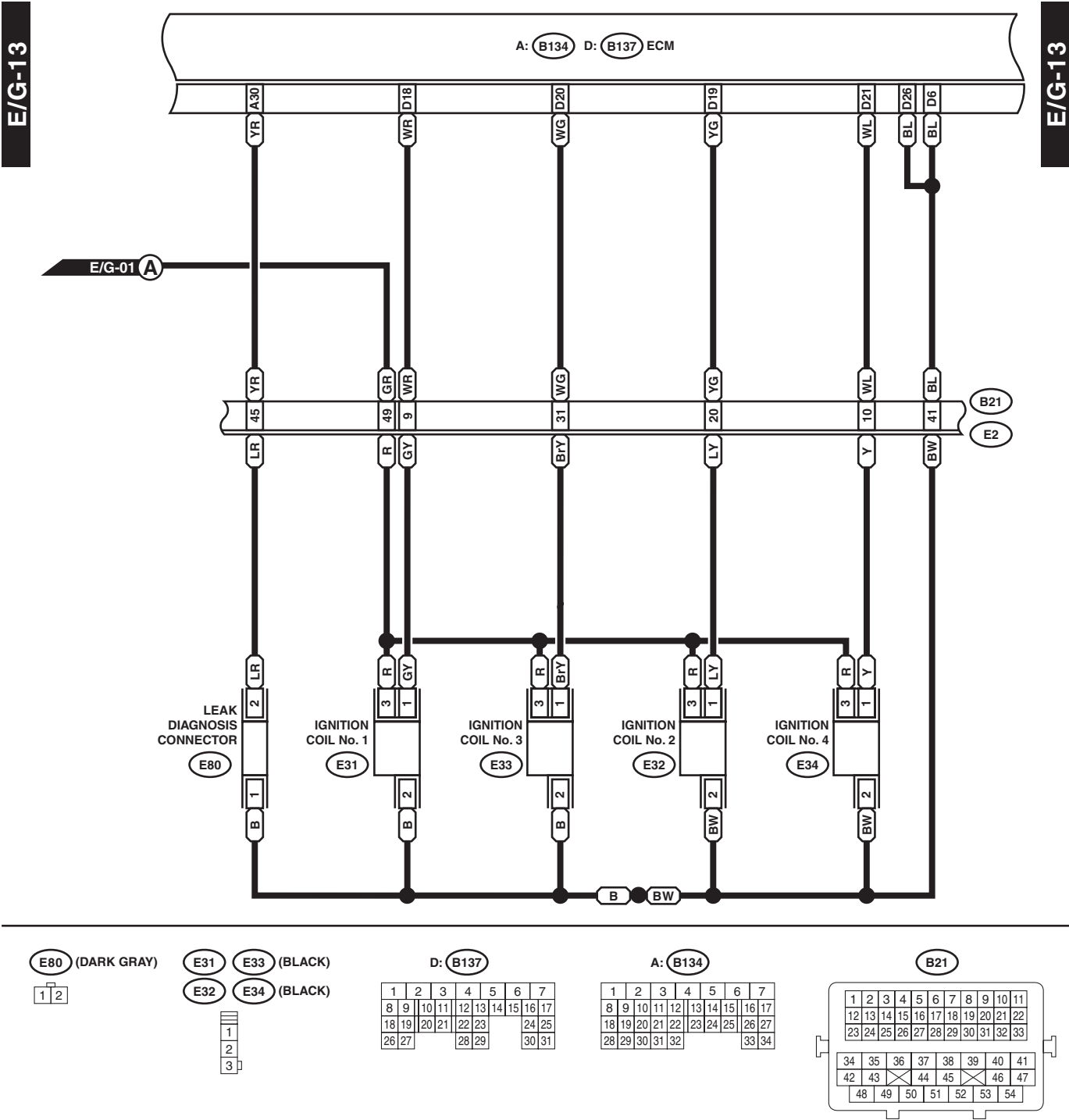
1	2	3	4	5	6
7	8	9	10	11	12
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19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	

B21

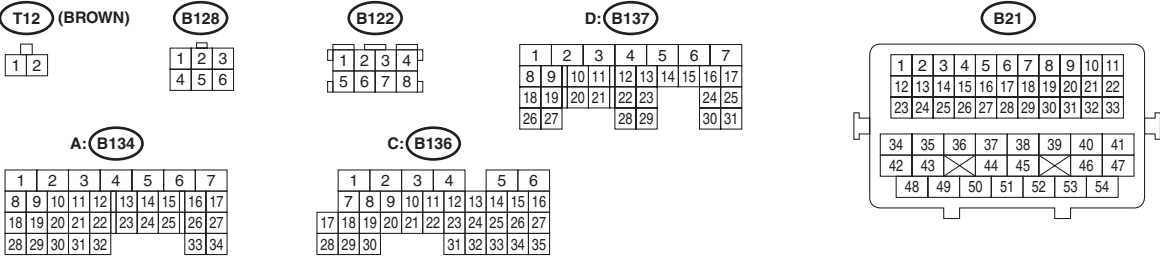
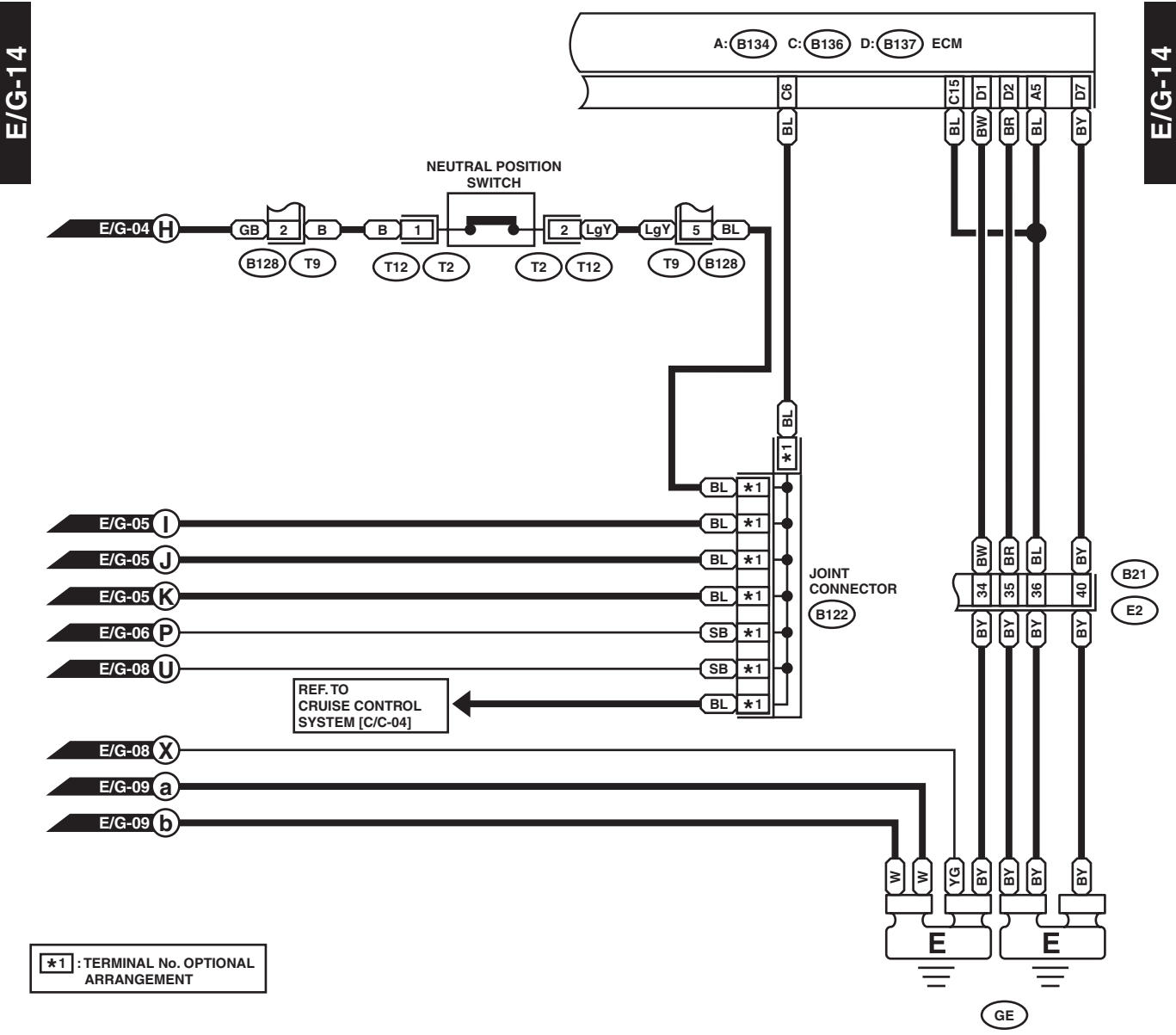
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41			
42	43	44	45	46	47					
48	49	50	51	52	53	54				

Engine Electrical System

WIRING SYSTEM



WI-18599

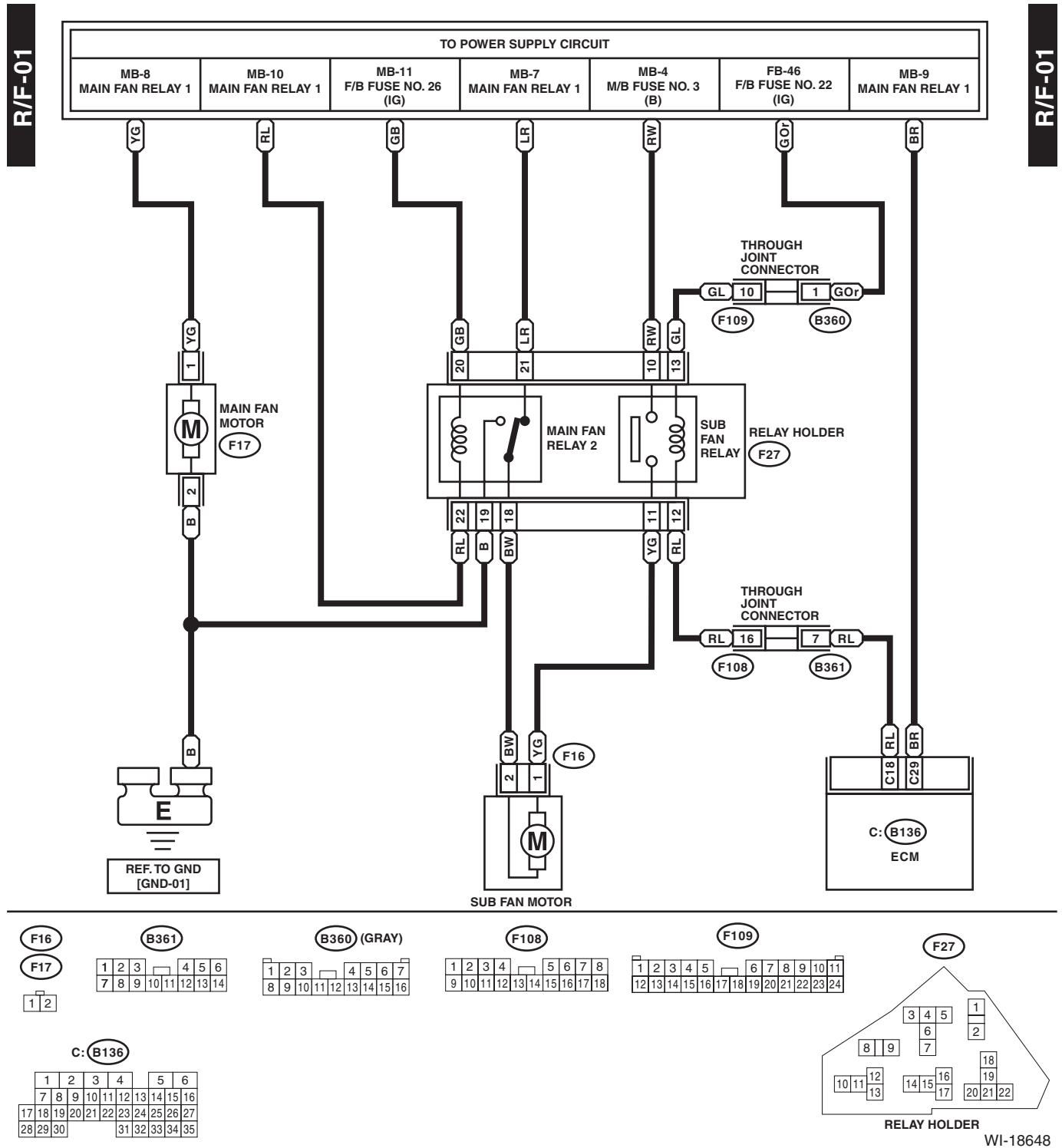


Radiator Fan System

WIRING SYSTEM

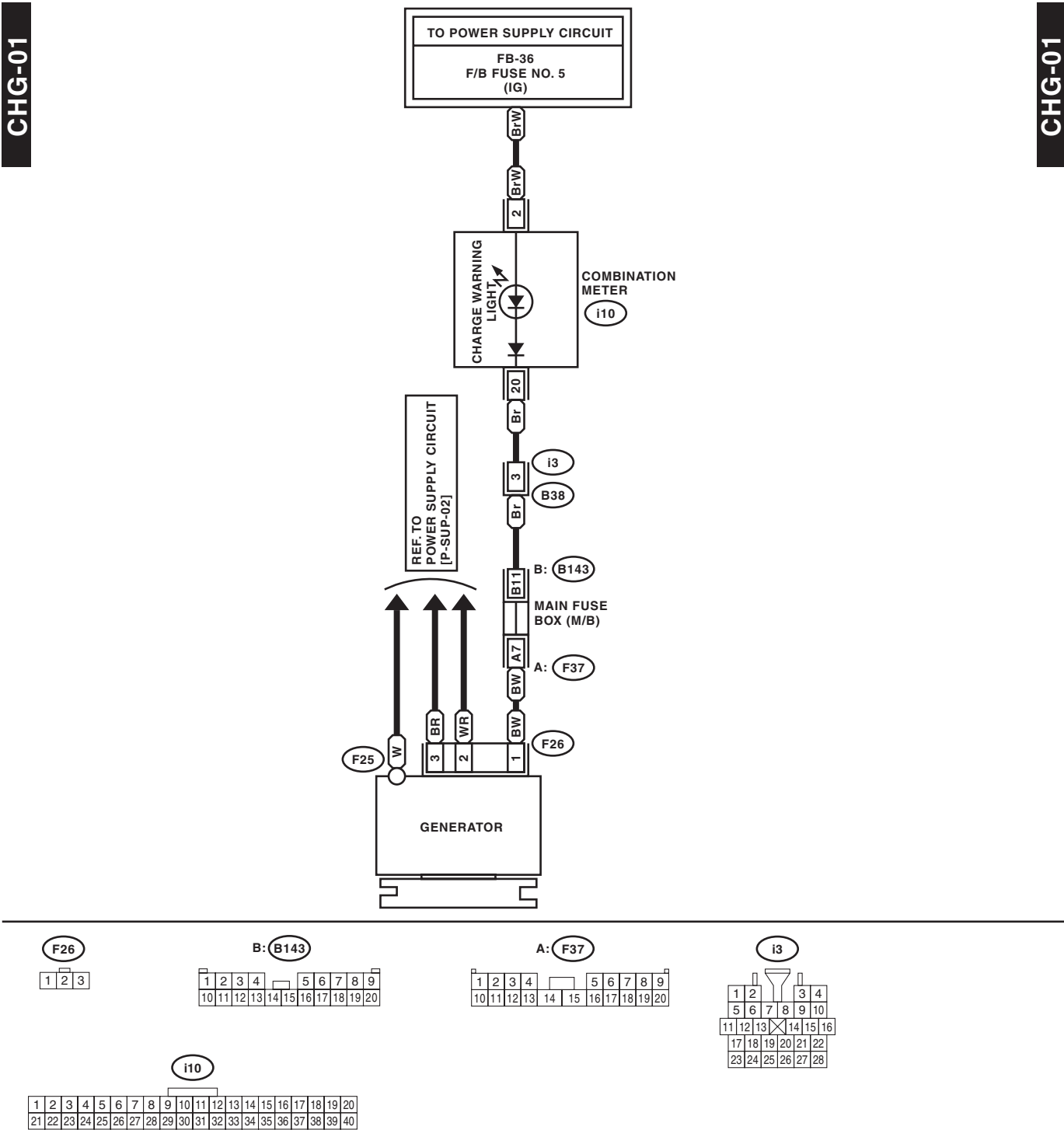
6. Radiator Fan System

A: WIRING DIAGRAM



7. Charging System

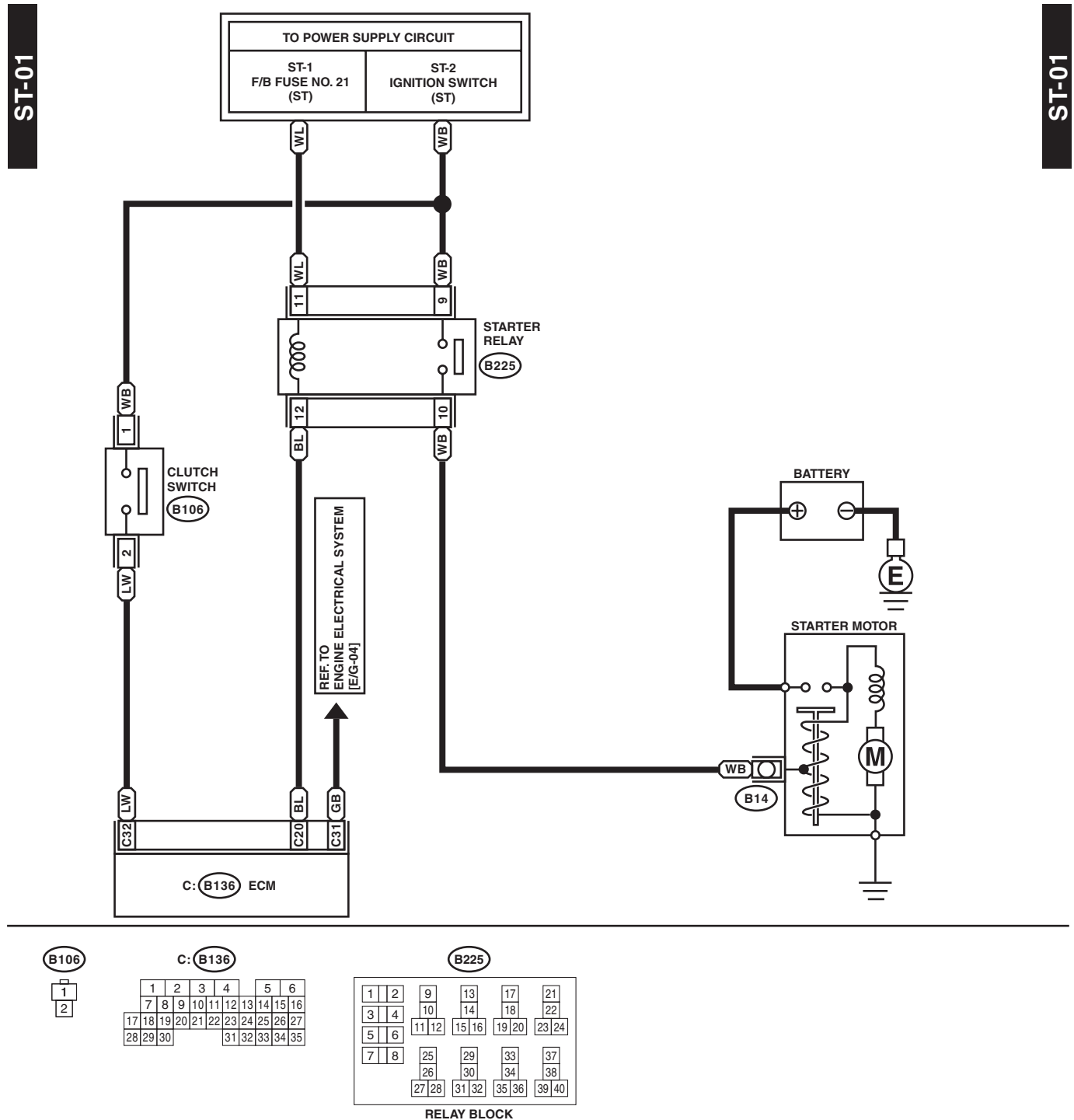
A: WIRING DIAGRAM



Starter System

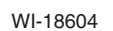
WIRING SYSTEM

8. Starter System A: WIRING DIAGRAM



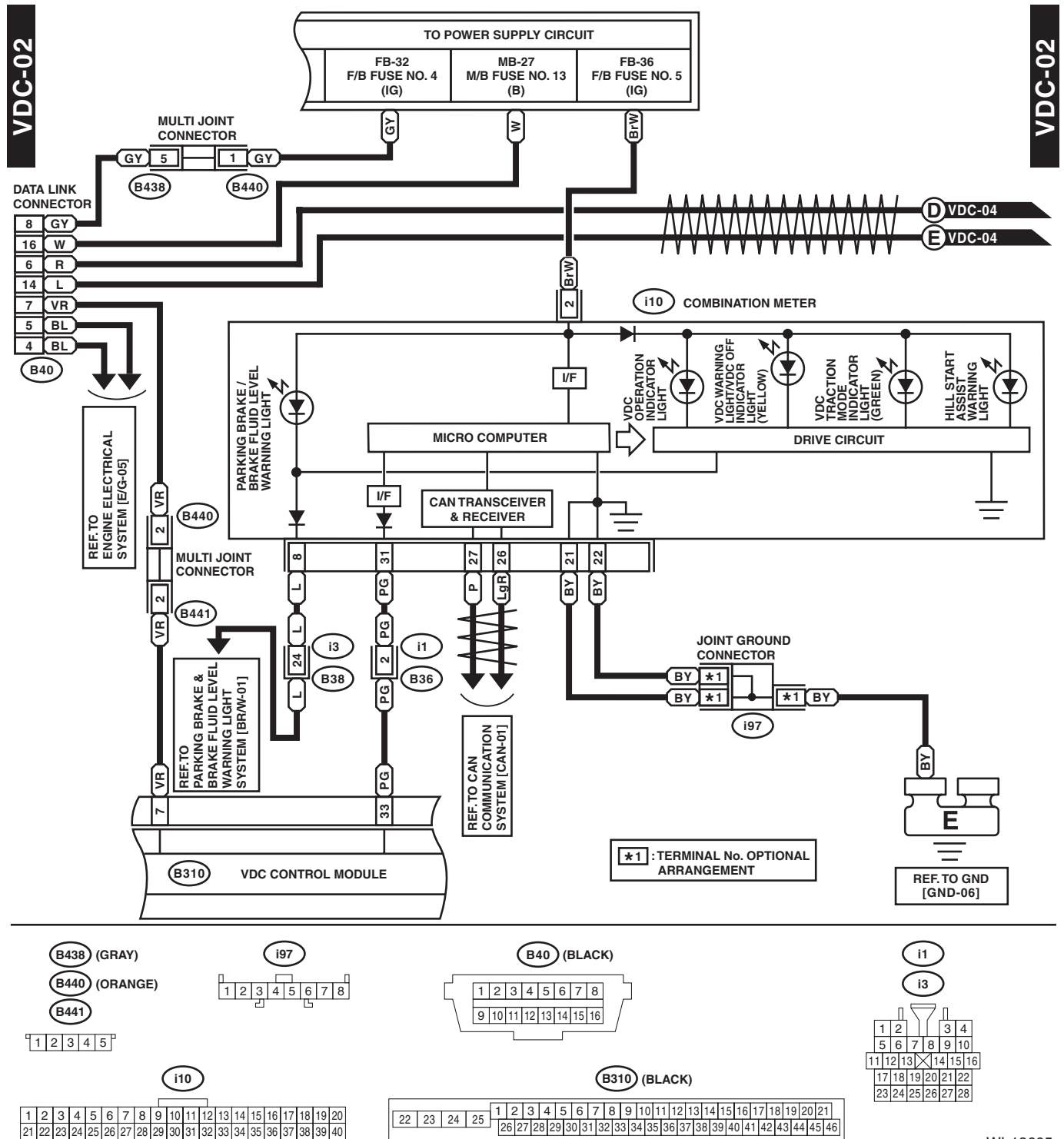
WI-18601

A: WIRING DIAGRAM



Vehicle Dynamics Control System

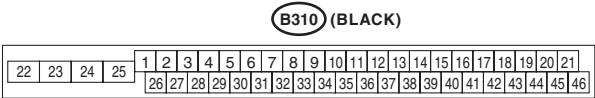
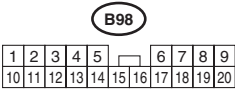
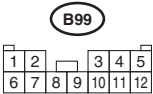
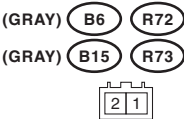
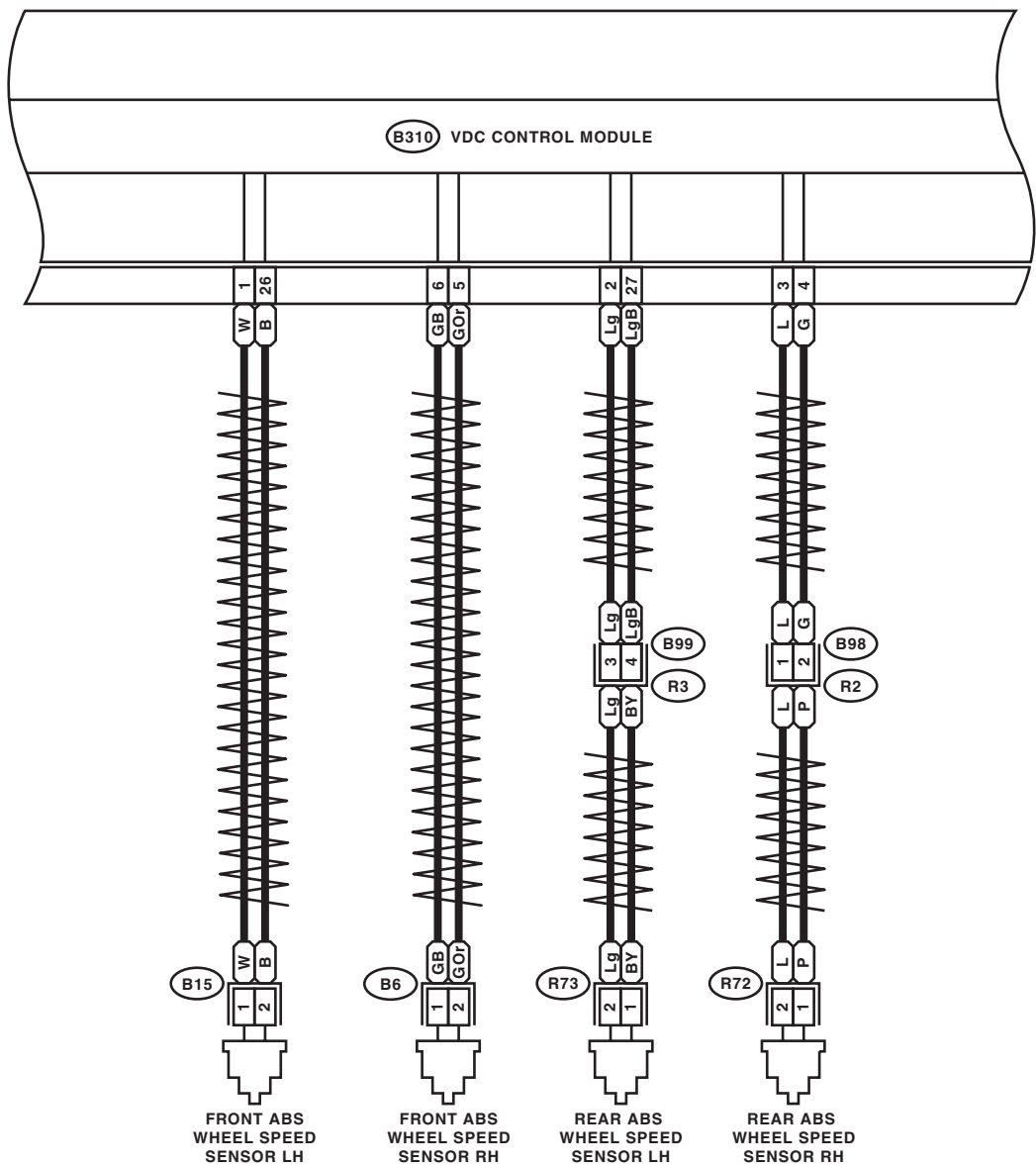
WIRING SYSTEM



WI-18605

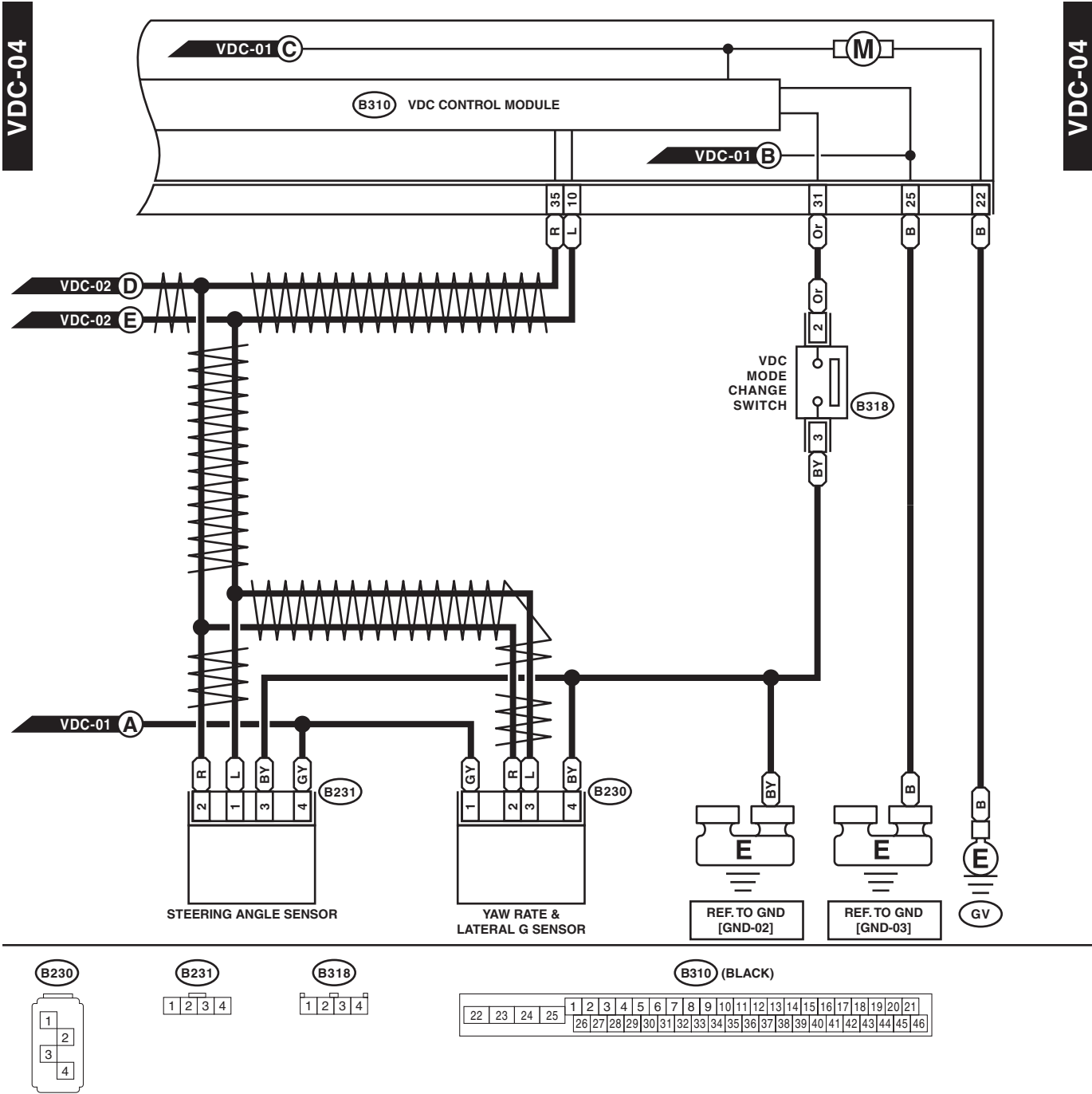
VDC-03

VDC-03



Vehicle Dynamics Control System

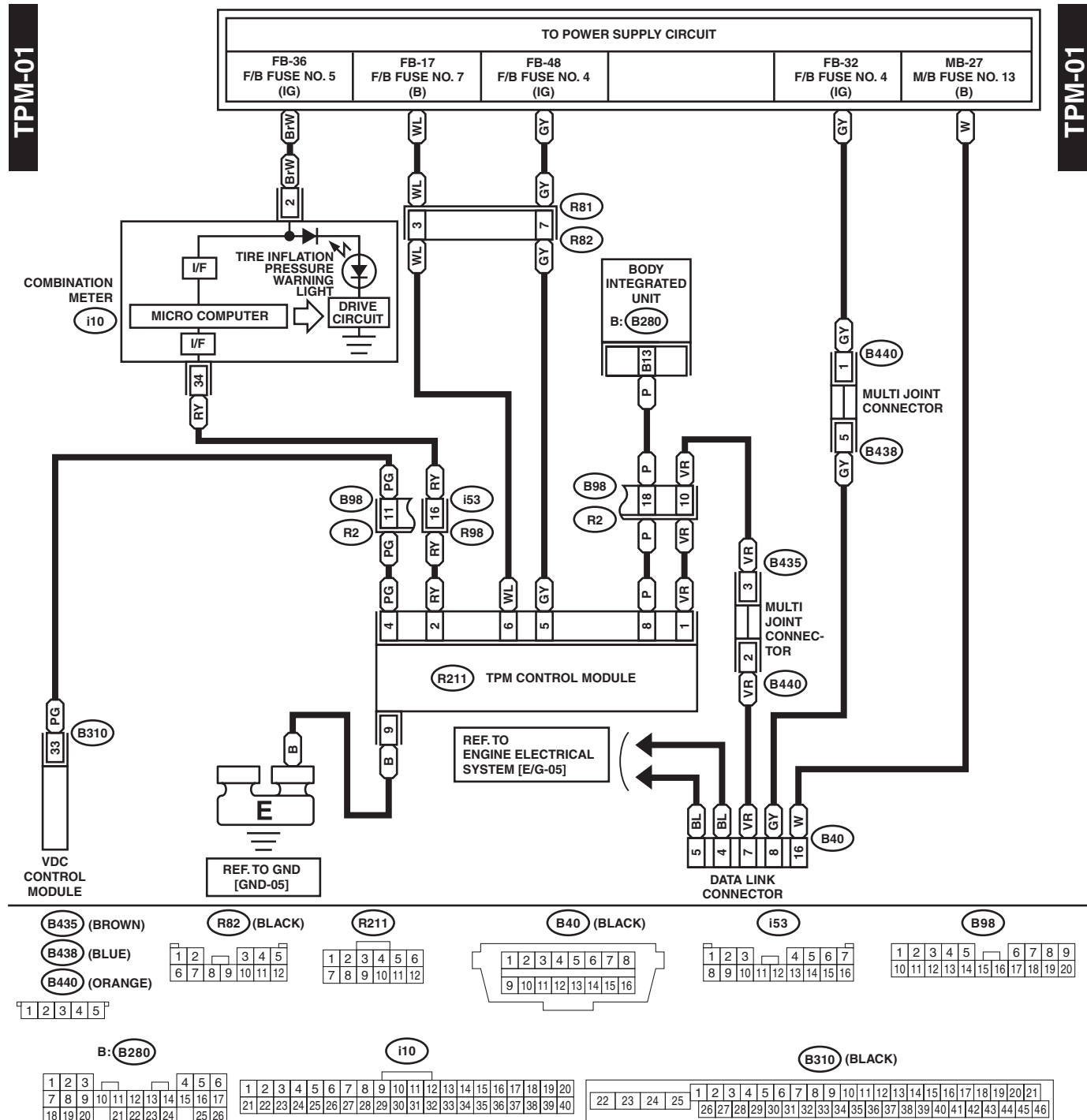
WIRING SYSTEM



WI-18751

10. Tire Pressure Monitoring System

A: WIRING DIAGRAM

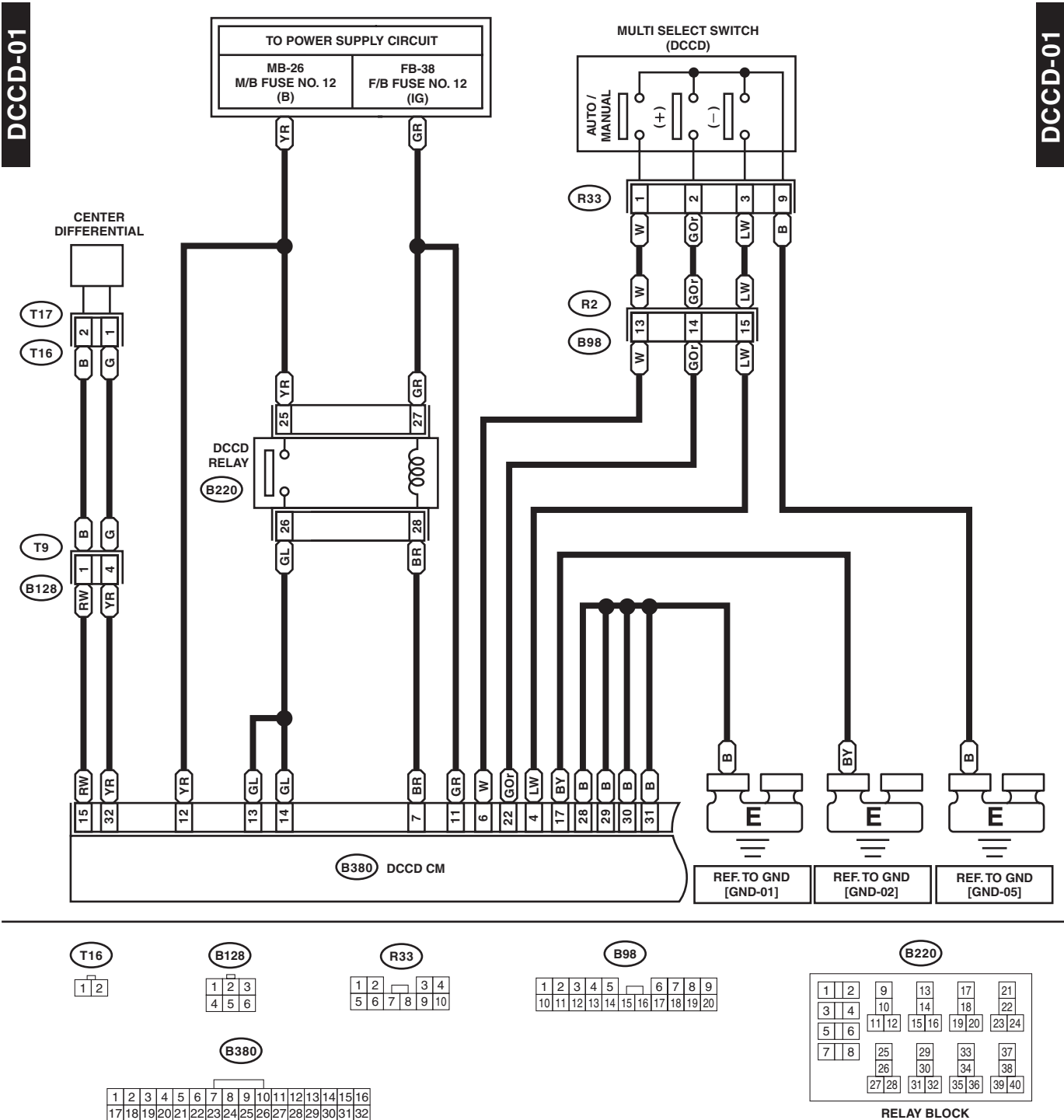


Driver's Control Center Differential Control System

WIRING SYSTEM

11.Driver's Control Center Differential Control System

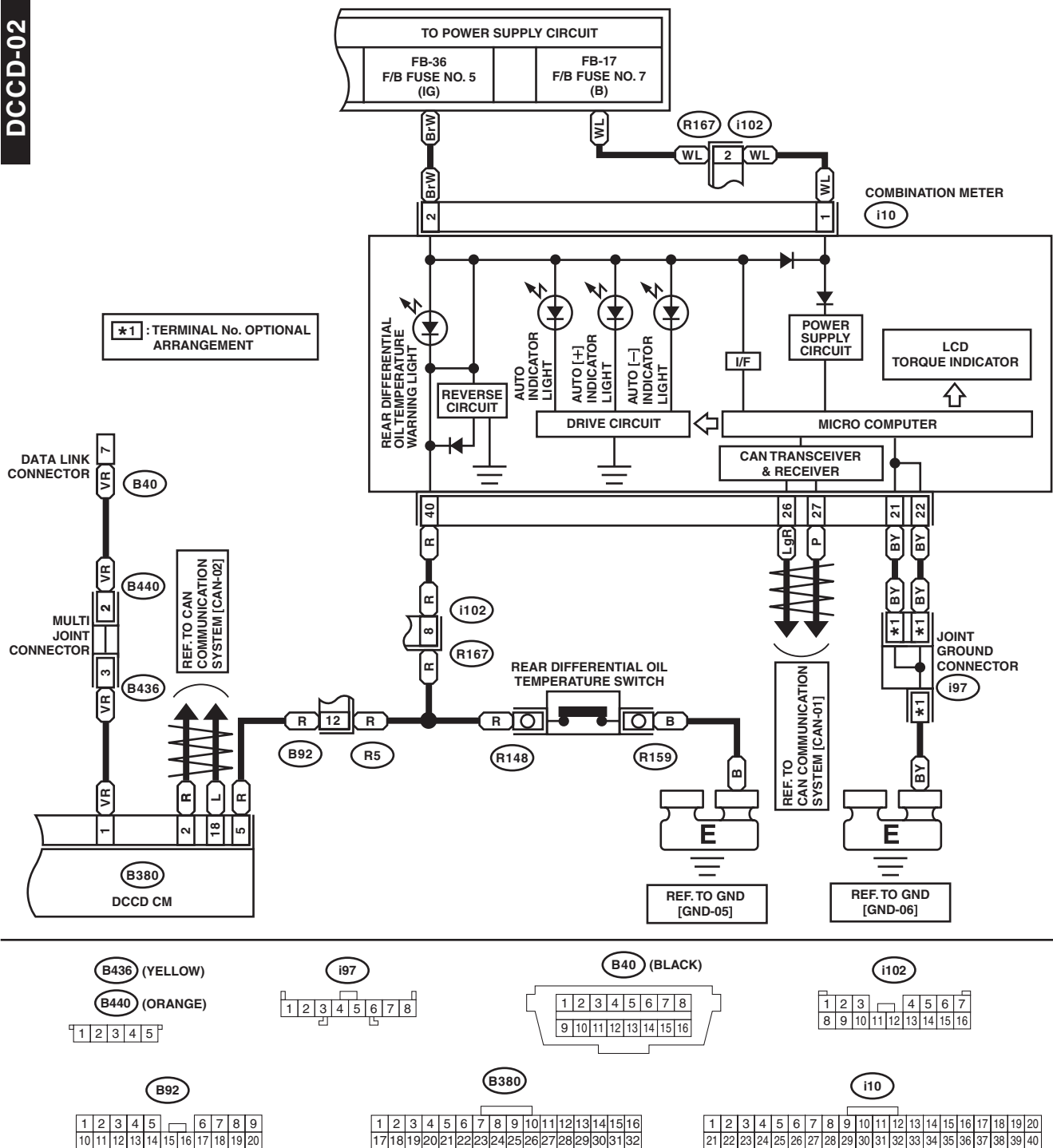
A: WIRING DIAGRAM



WI-18607

DCCD-02

DCCD-02



WI-22727

A: WIRING DIAGRAM

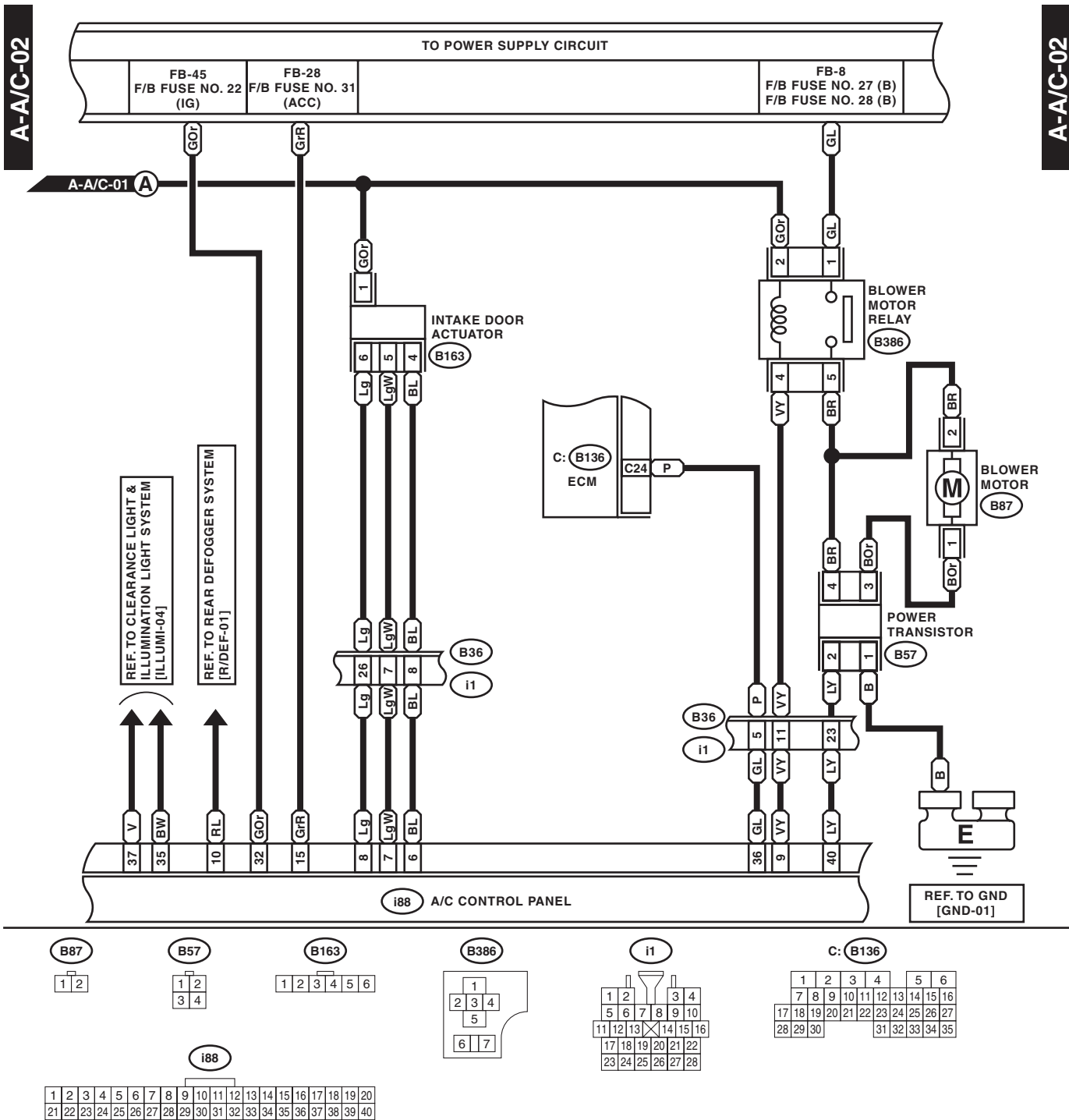
A-A/C-01

A-A/C-01



Air Conditioning System

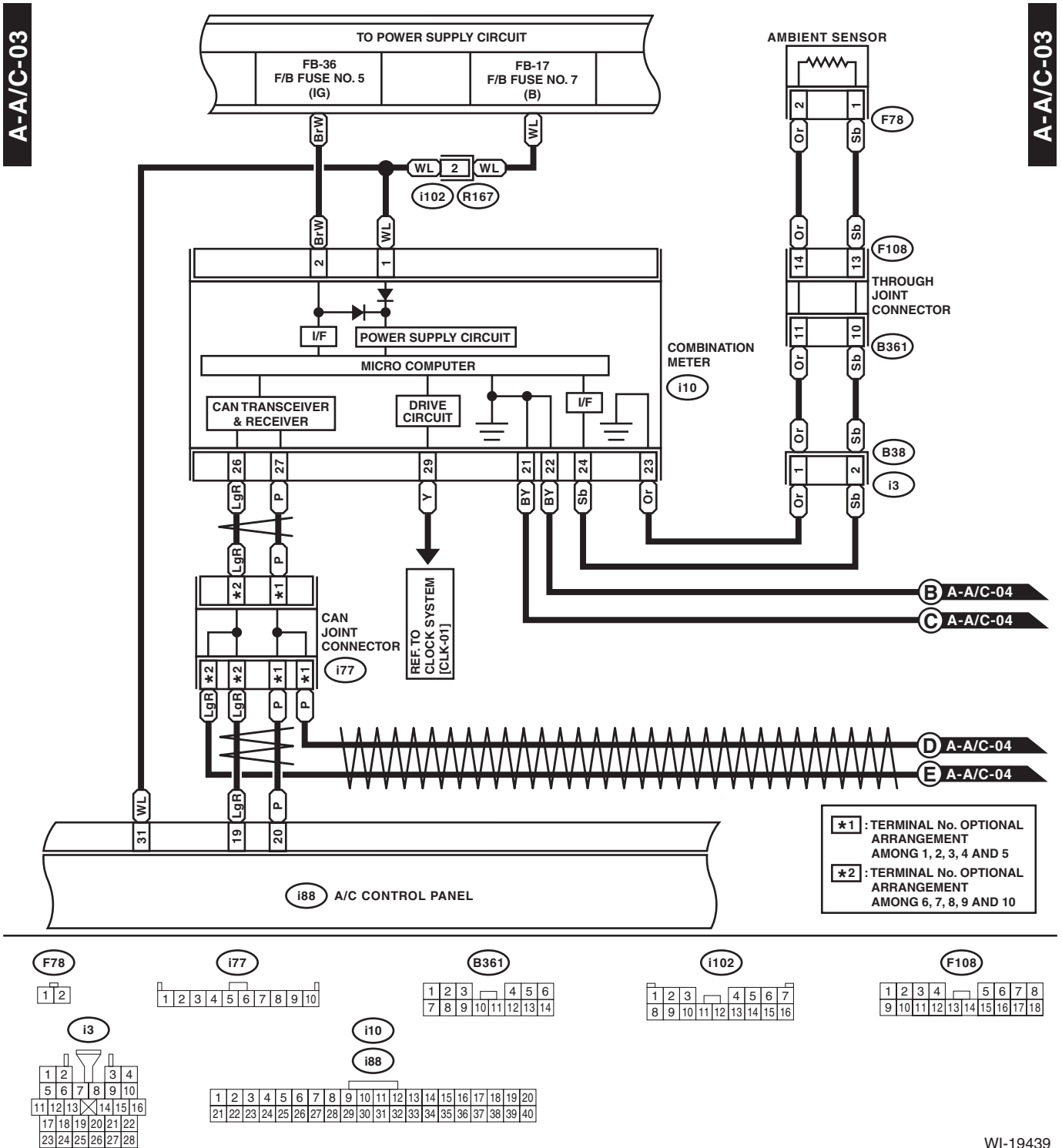
WIRING SYSTEM



WI-16925

Air Conditioning System

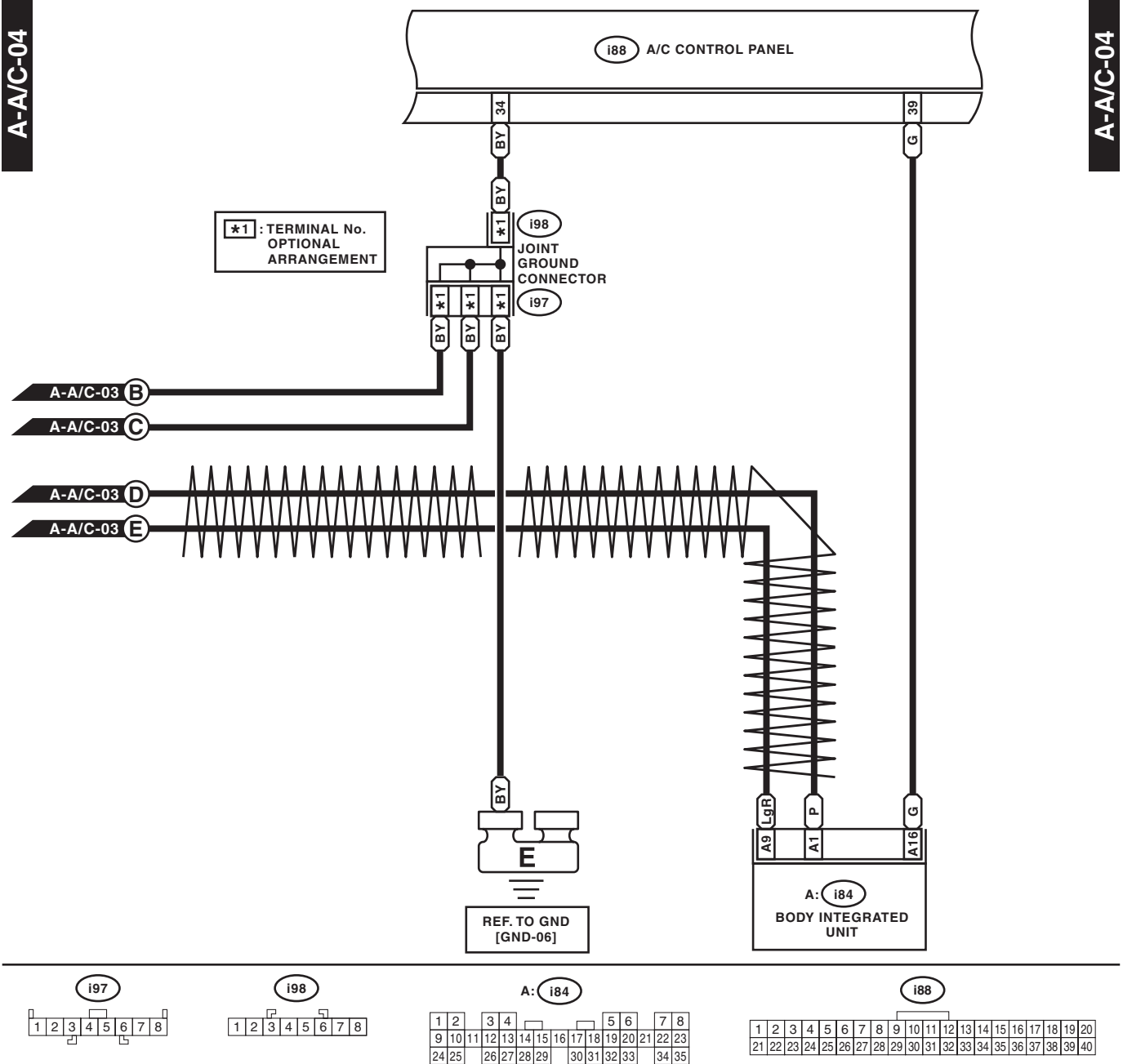
WIRING SYSTEM



WI-19439

WIRING SYSTEM

A-A/C-04



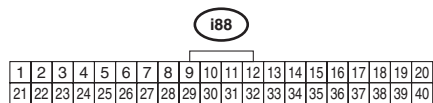
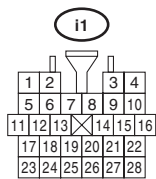
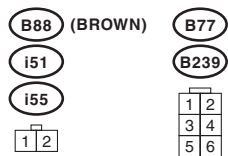
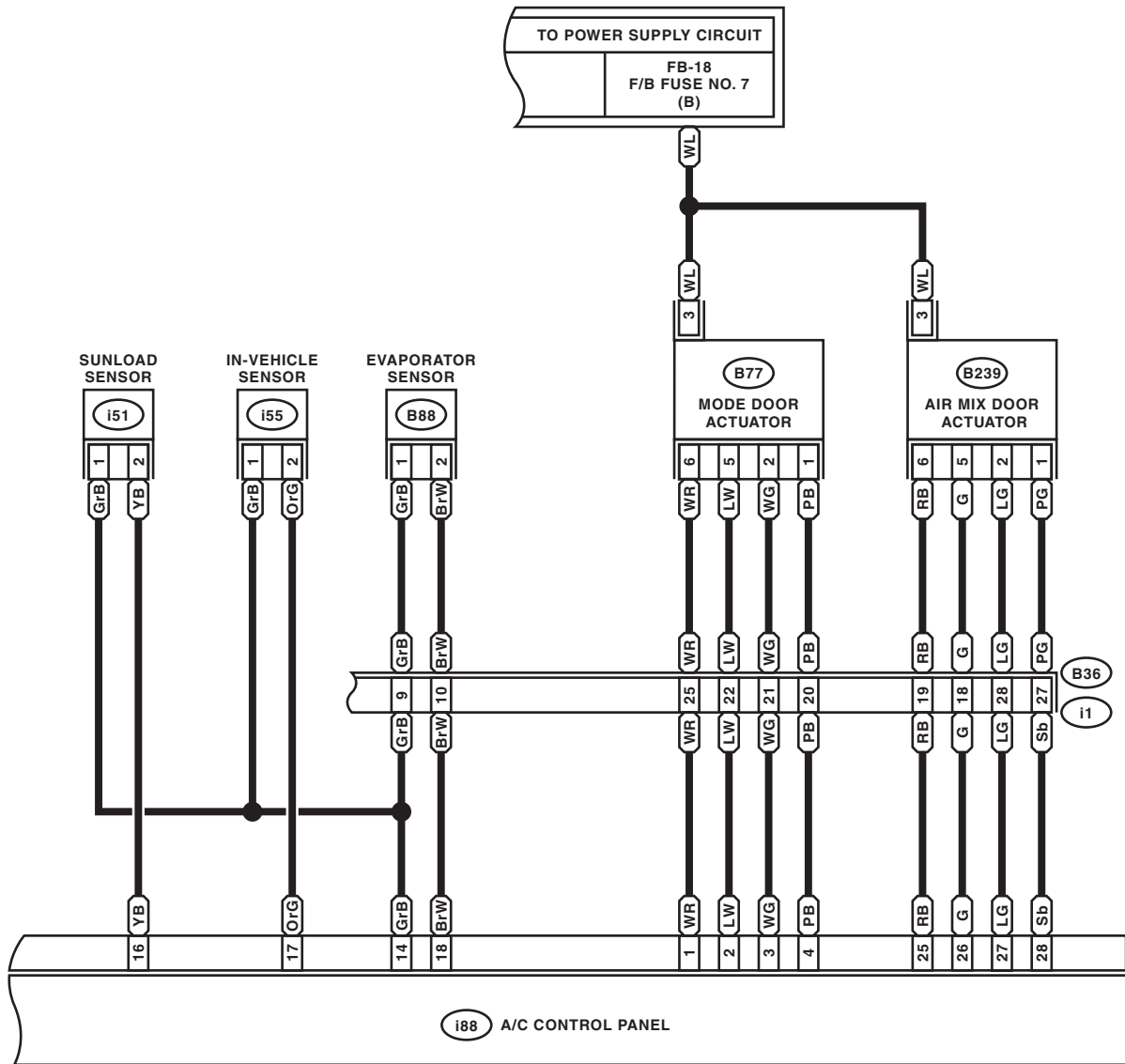
WI-16927

Air Conditioning System

WIRING SYSTEM

A-A/C-05

A-A/C-05



WI-17954

A: WIRING DIAGRAM

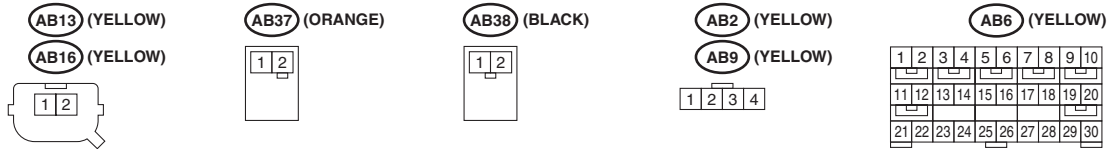
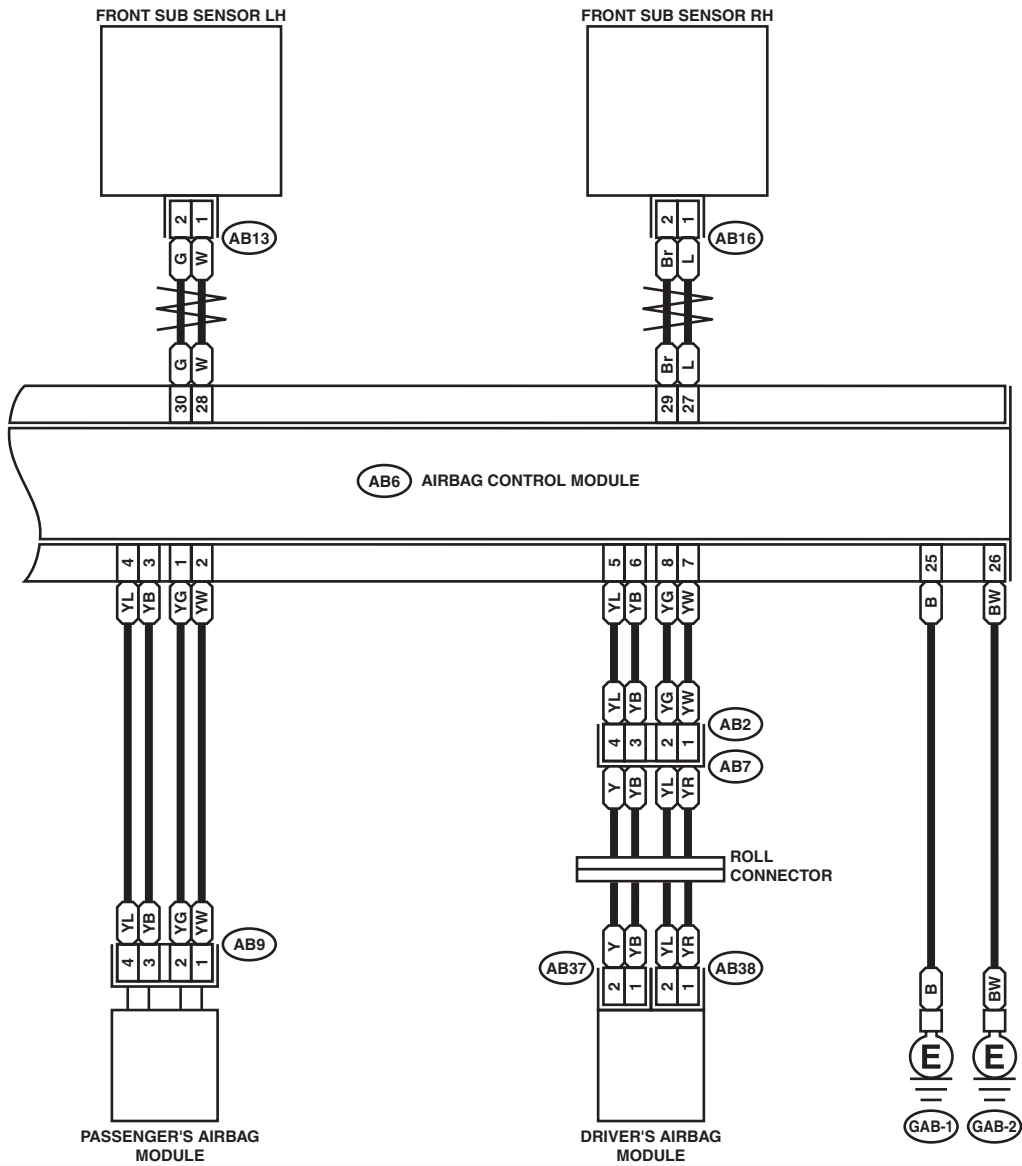


Airbag System

WIRING SYSTEM

A/B-02

A/B-02



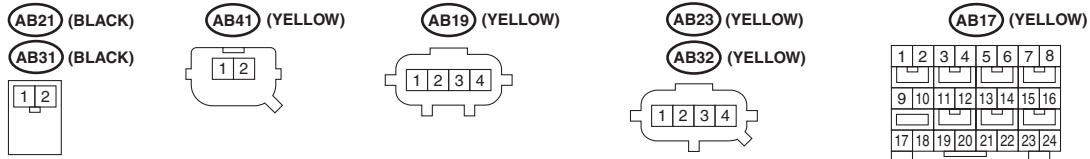
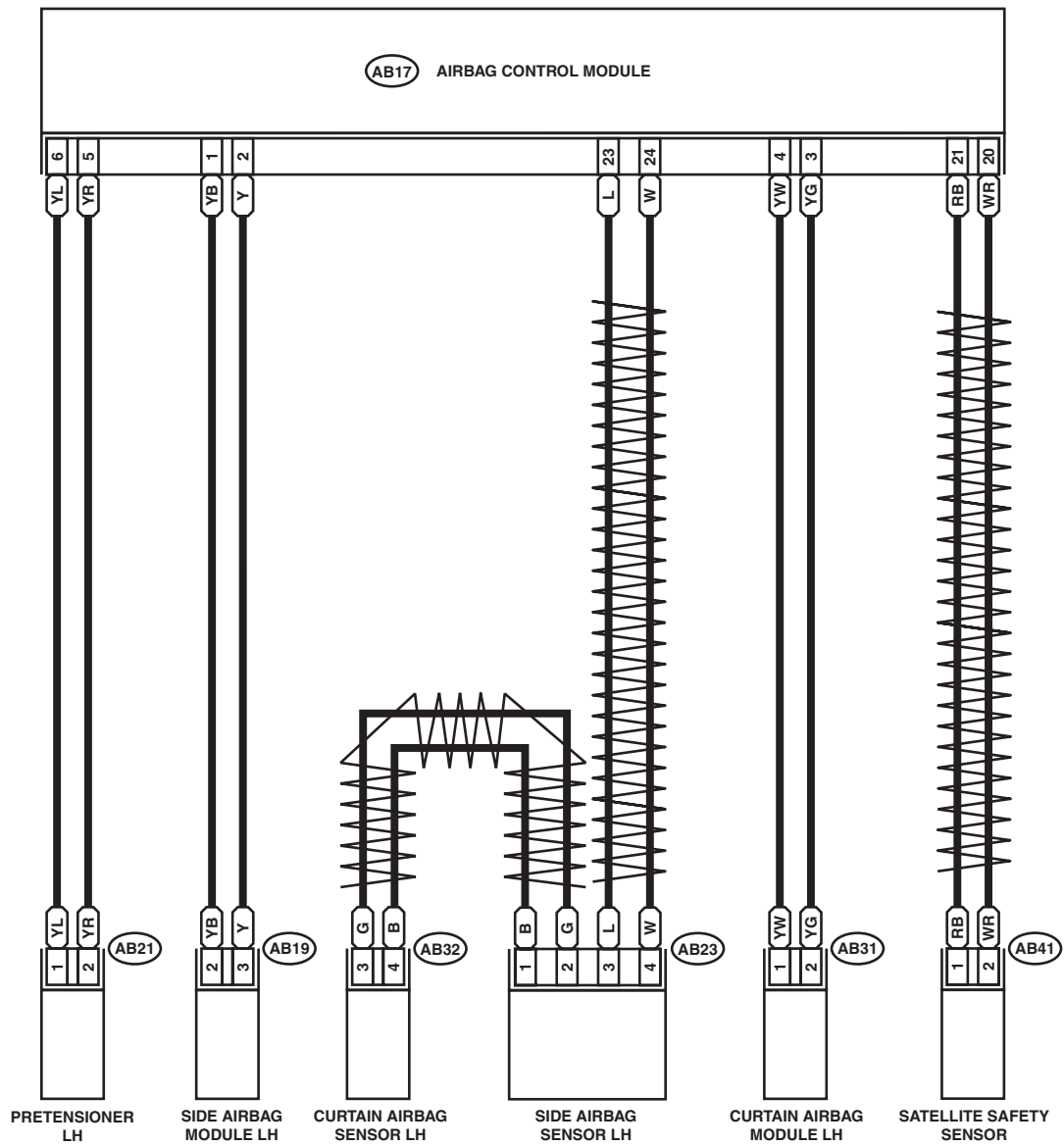
WI-18730

Airbag System

WIRING SYSTEM

A/B-03

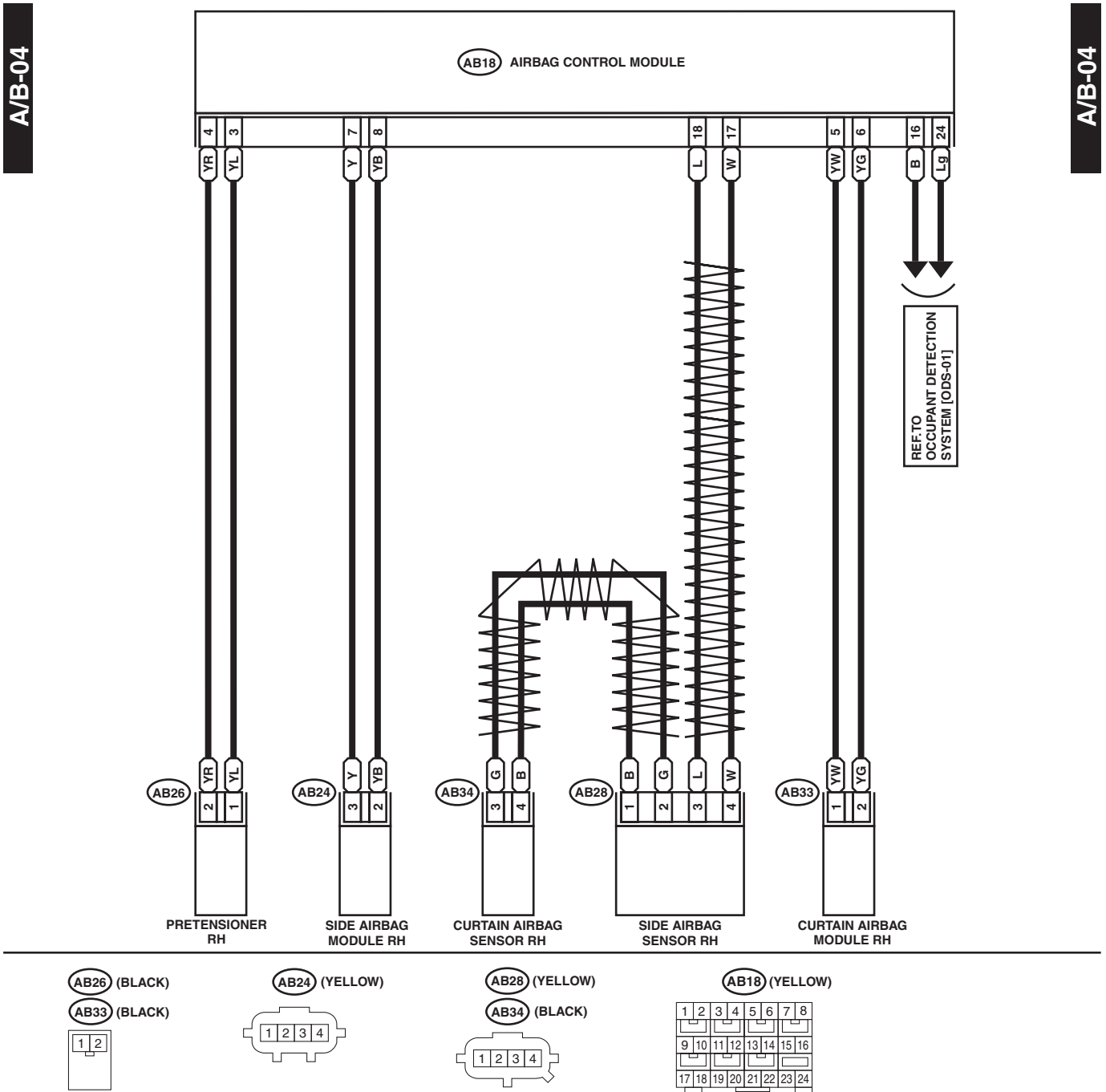
A/B-03



WI-18745

Airbag System

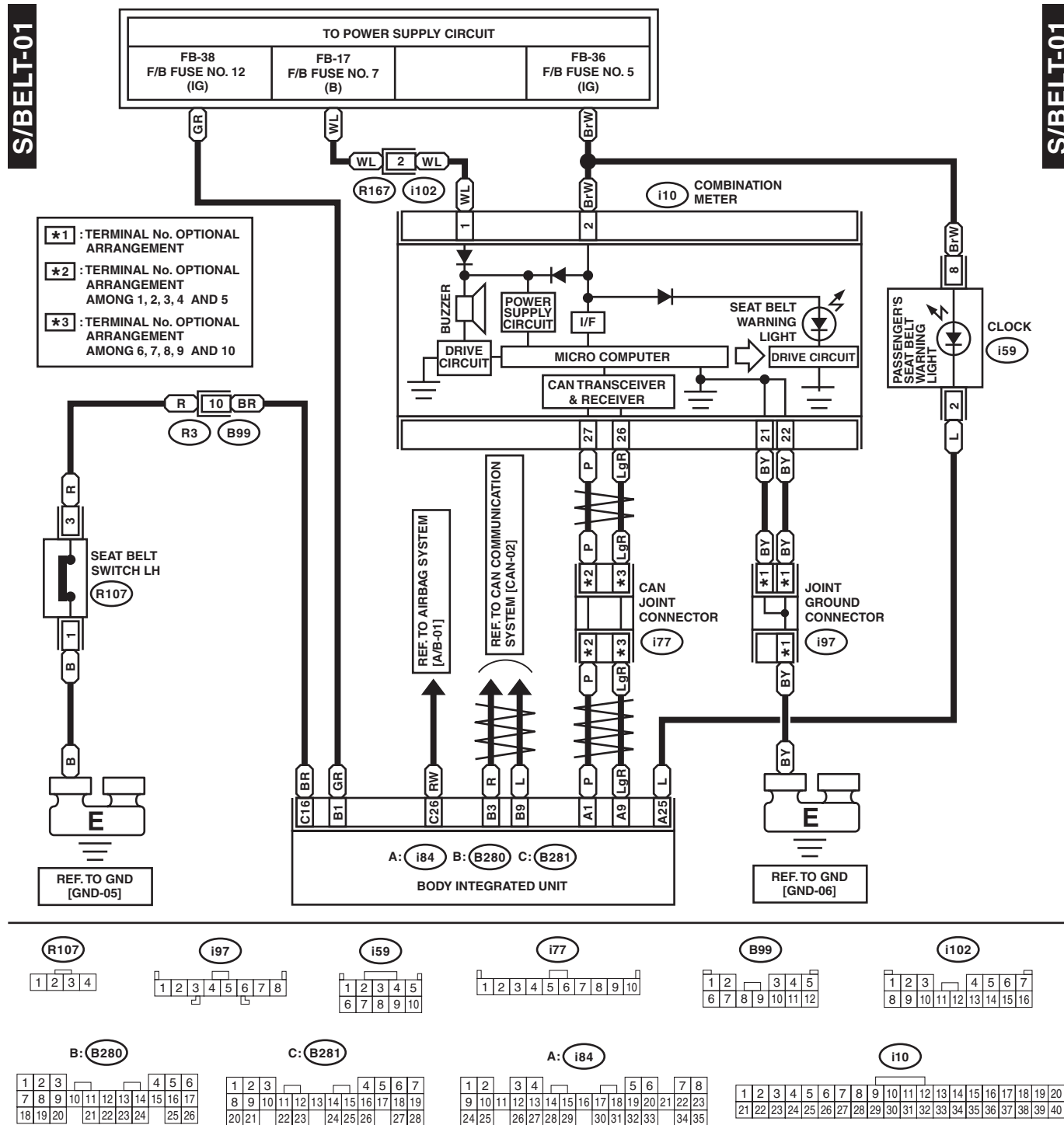
WIRING SYSTEM



WI-18746

14. Seat Belt Warning System

A: WIRING DIAGRAM



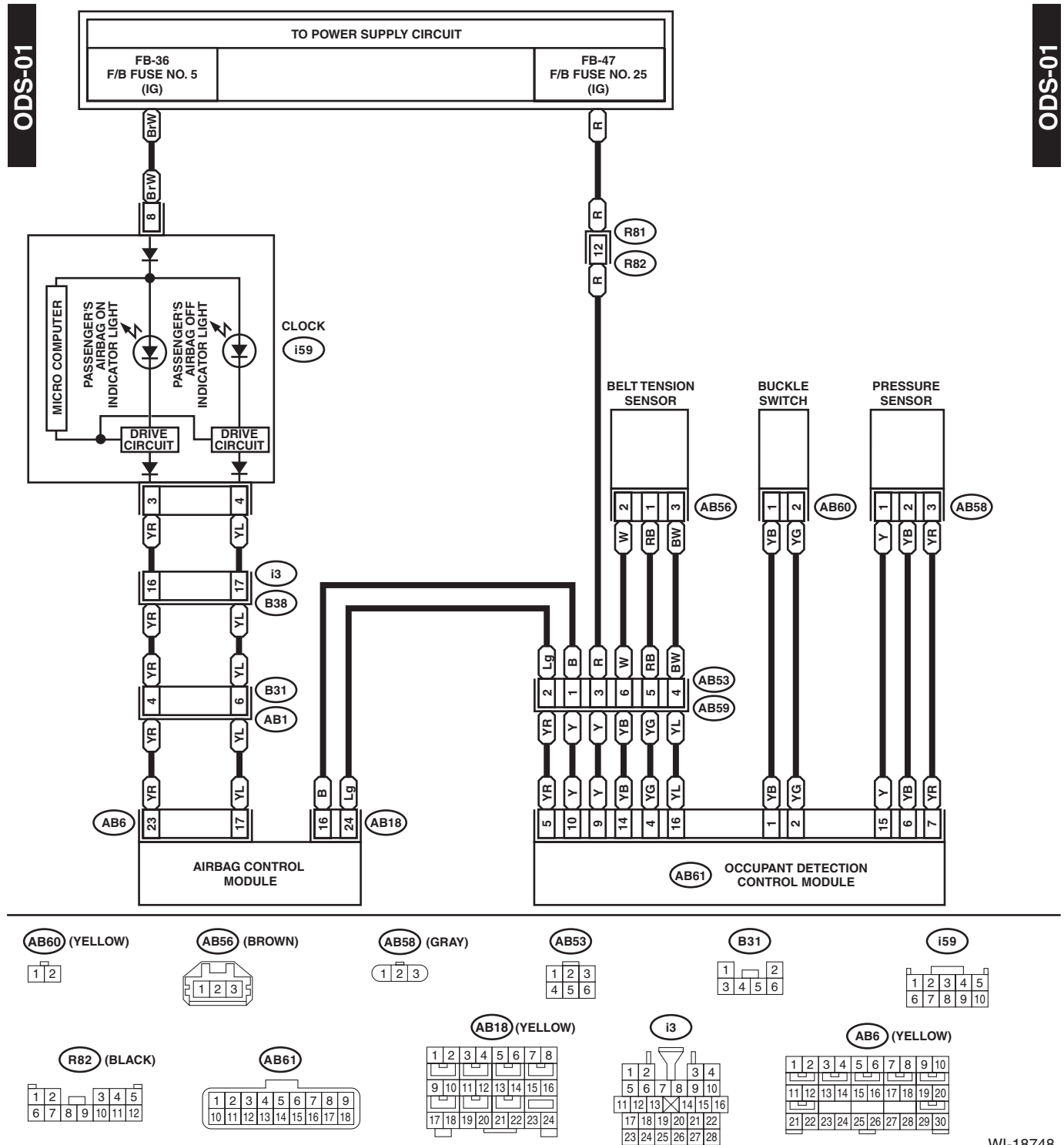
WI-18724

Occupant Detection System

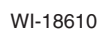
WIRING SYSTEM

15. Occupant Detection System

A: WIRING DIAGRAM



A: WIRING DIAGRAM

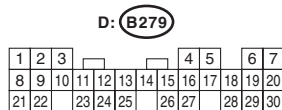
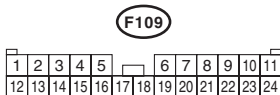
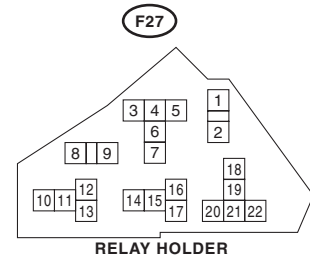
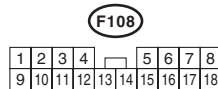
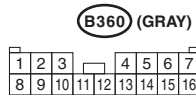
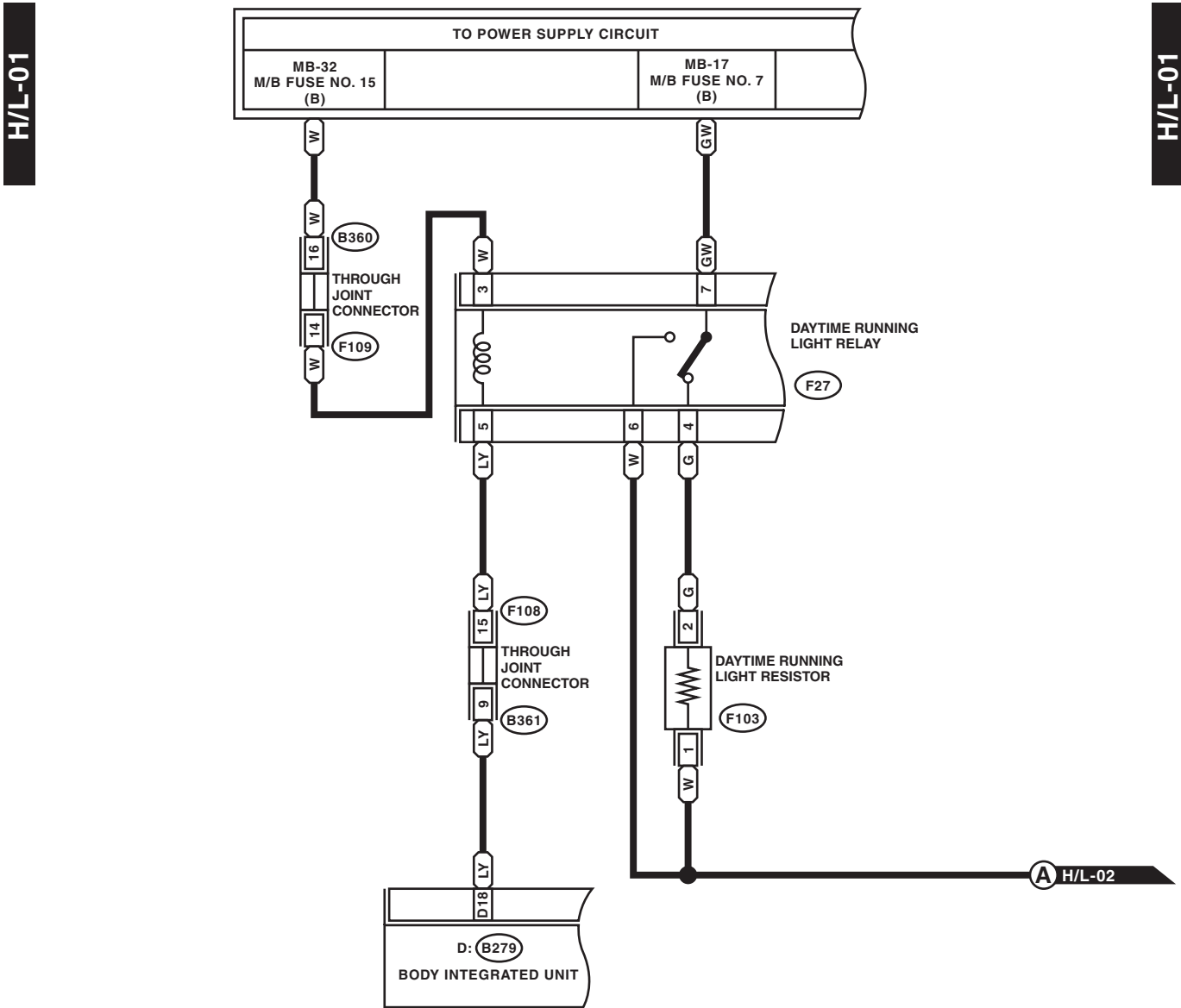


Headlight System

WIRING SYSTEM

17.Headlight System

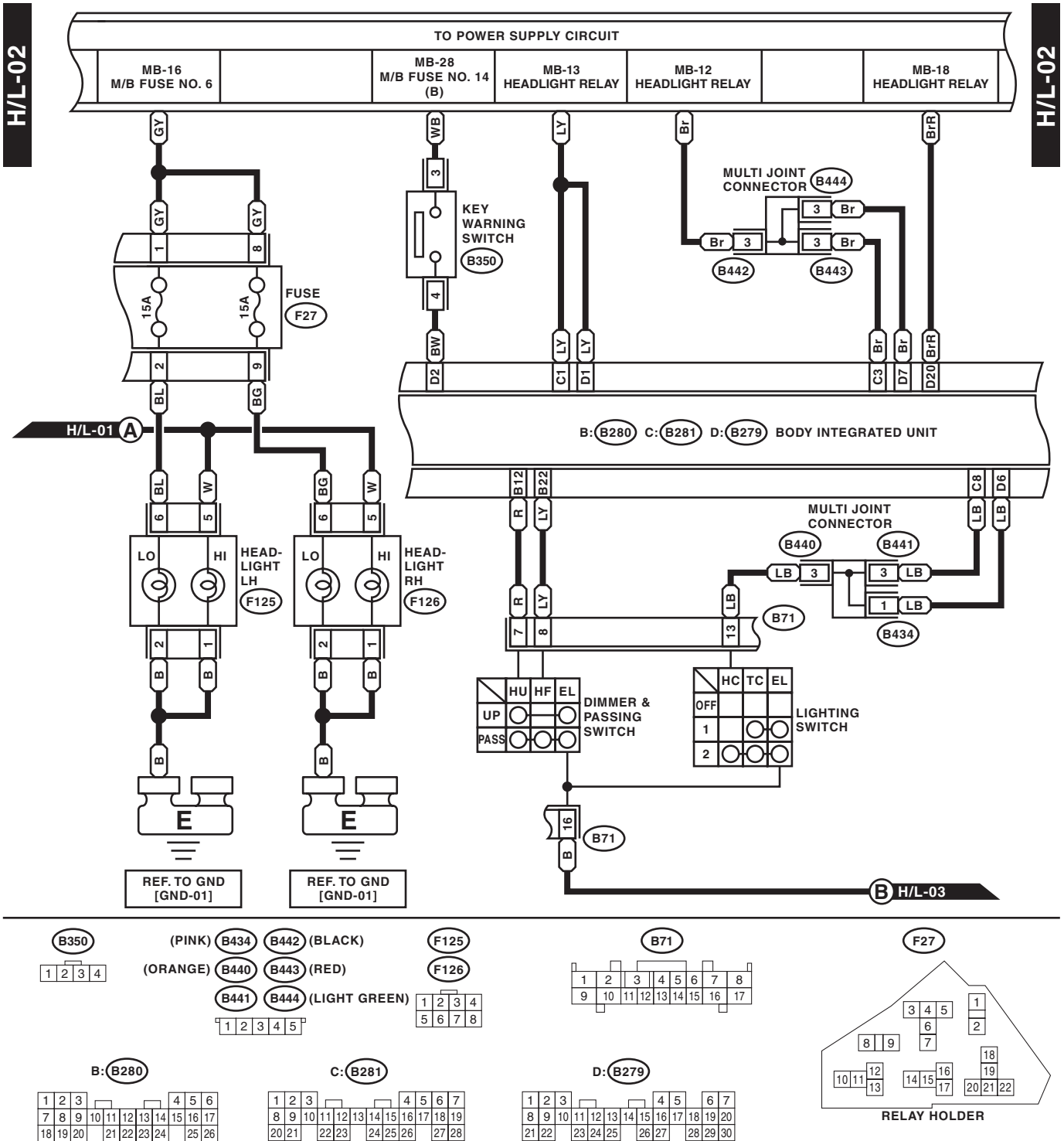
A: WIRING DIAGRAM



WI-16935

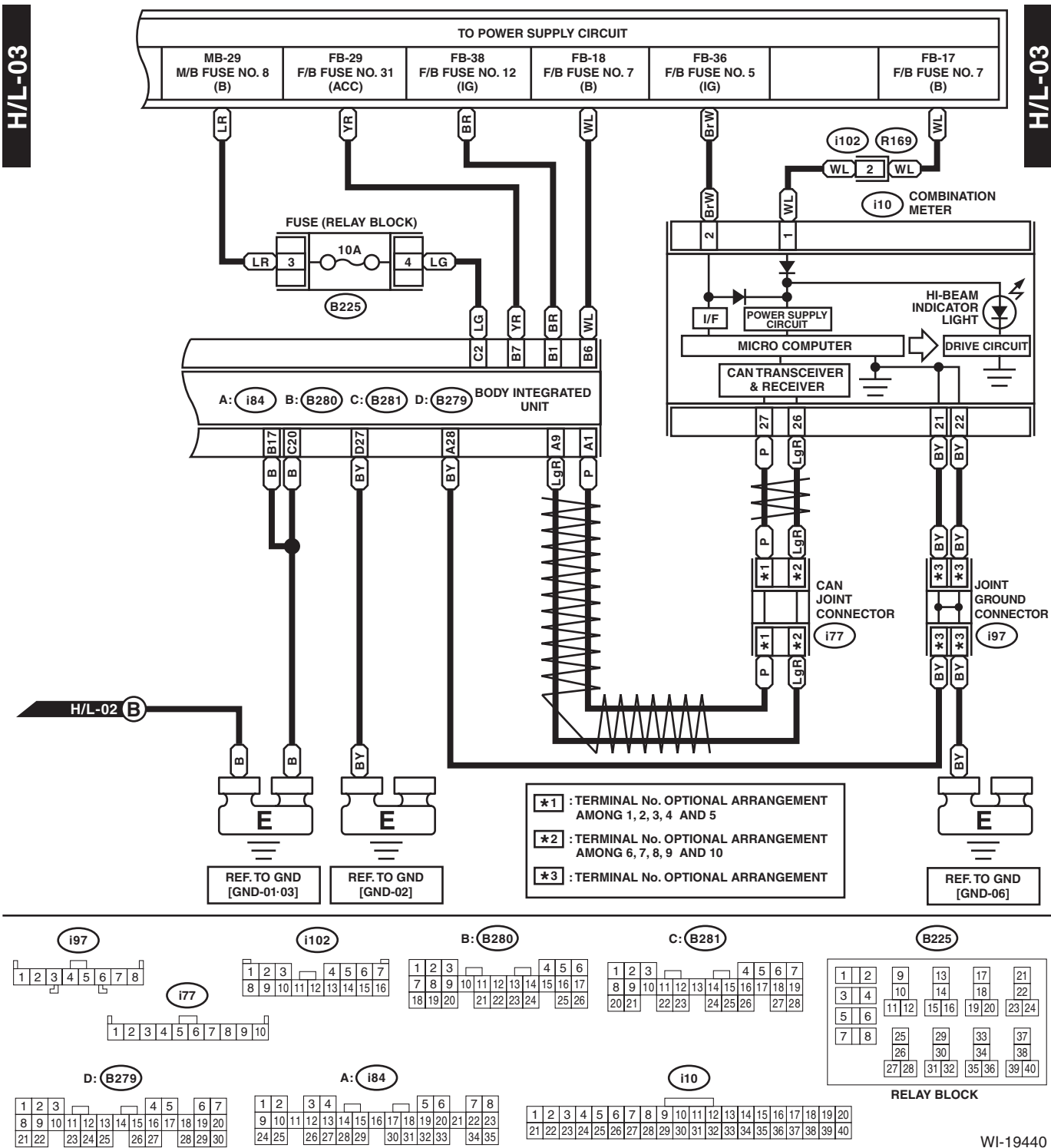
Headlight System

WIRING SYSTEM

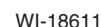


Headlight System

WIRING SYSTEM



A: WIRING DIAGRAM



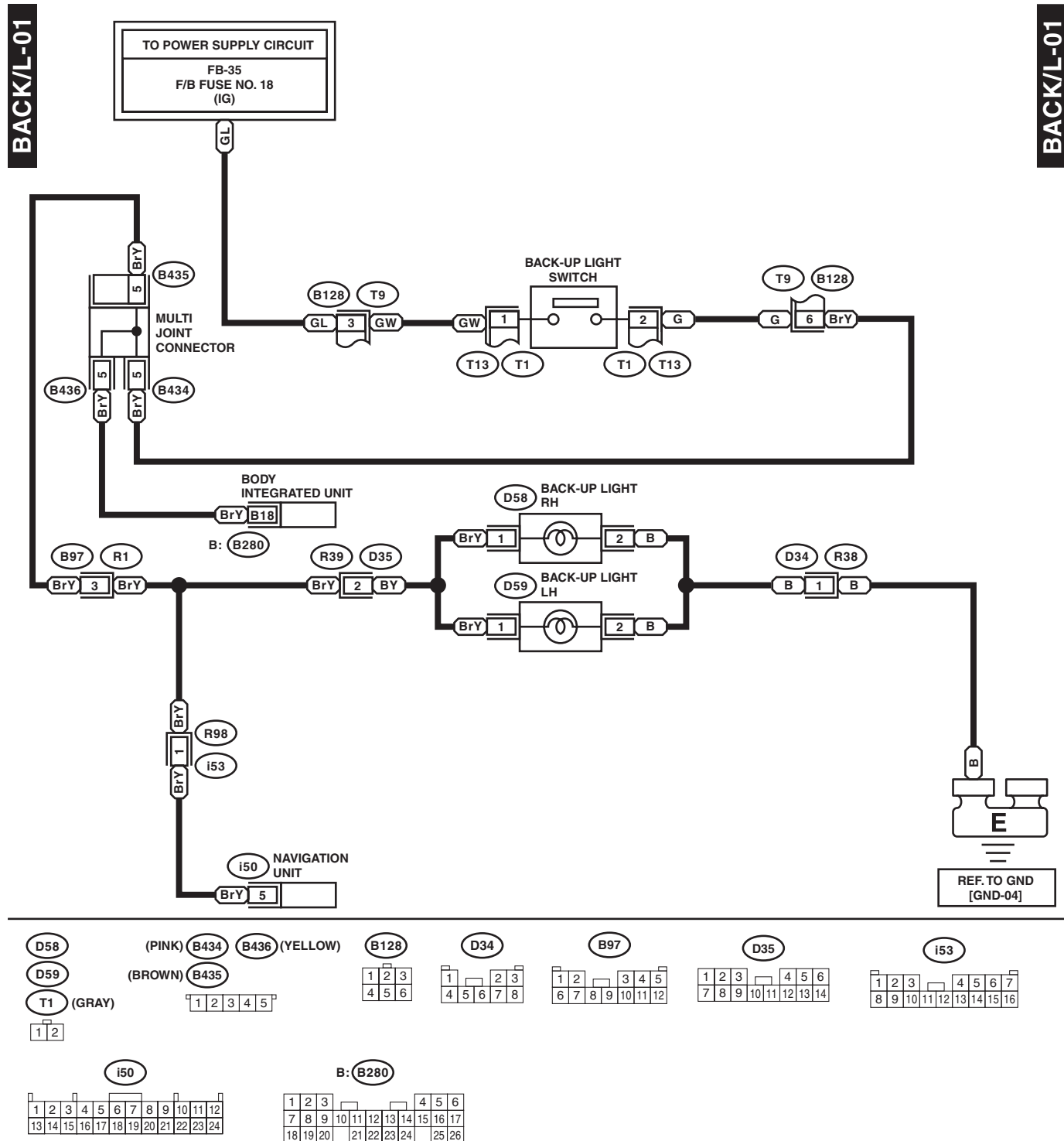
WIRING SYSTEM

A: WIRING DIAGRAM



20.Back-up Light System

A: WIRING DIAGRAM



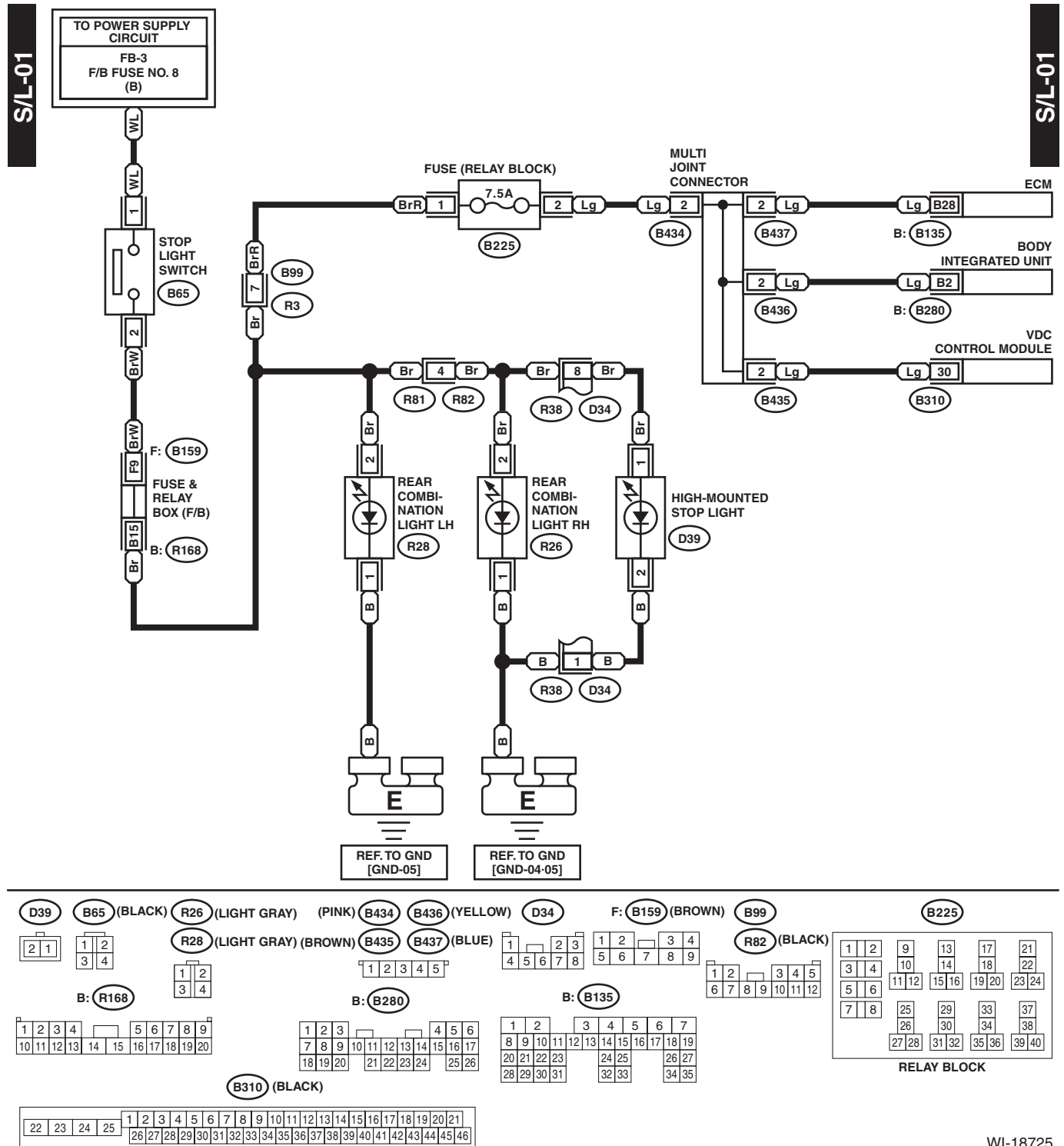
WI-18612

Stop Light System

WIRING SYSTEM

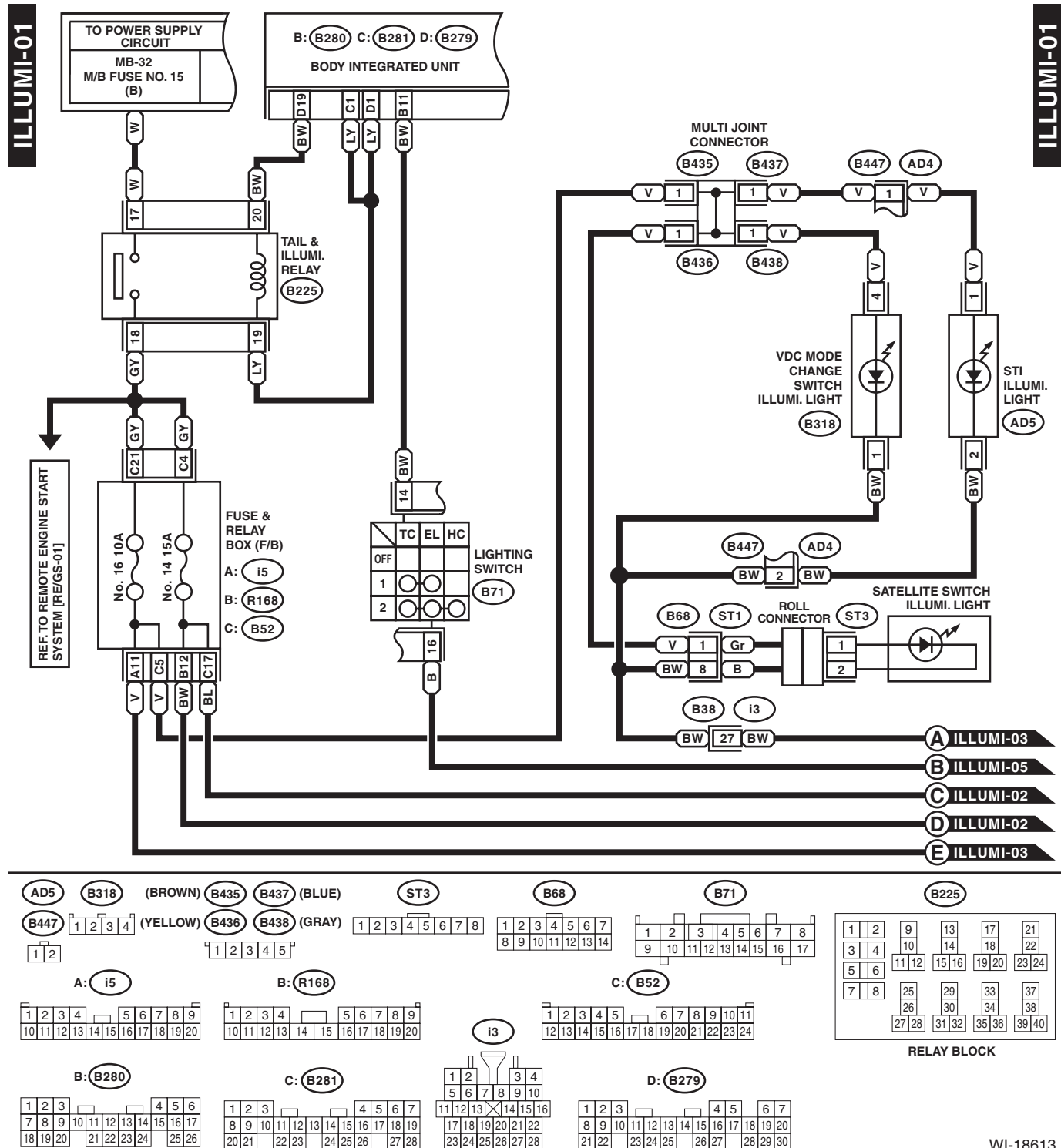
21.Stop Light System

A: WIRING DIAGRAM

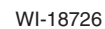


22. Clearance Light and Illumination Light System

A: WIRING DIAGRAM

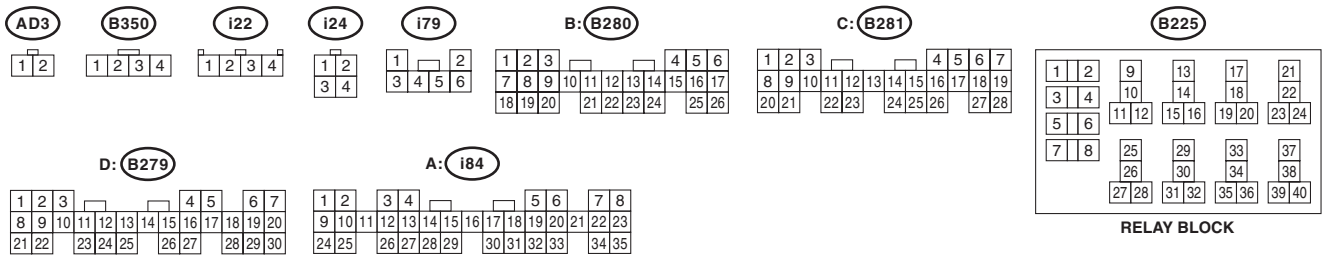
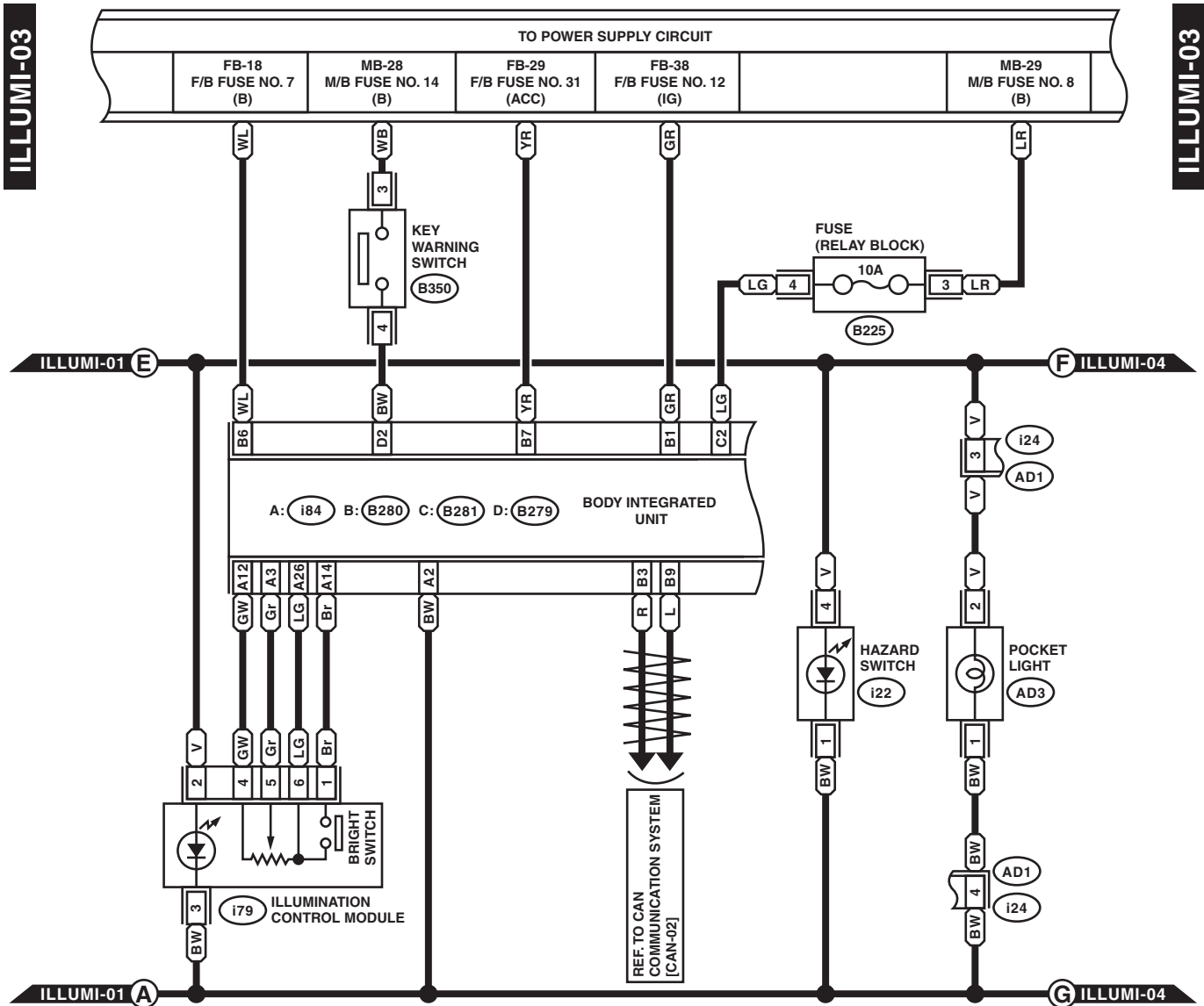


WIRING SYSTEM



Clearance Light and Illumination Light System

WIRING SYSTEM

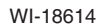


WI-18727

WIRING SYSTEM

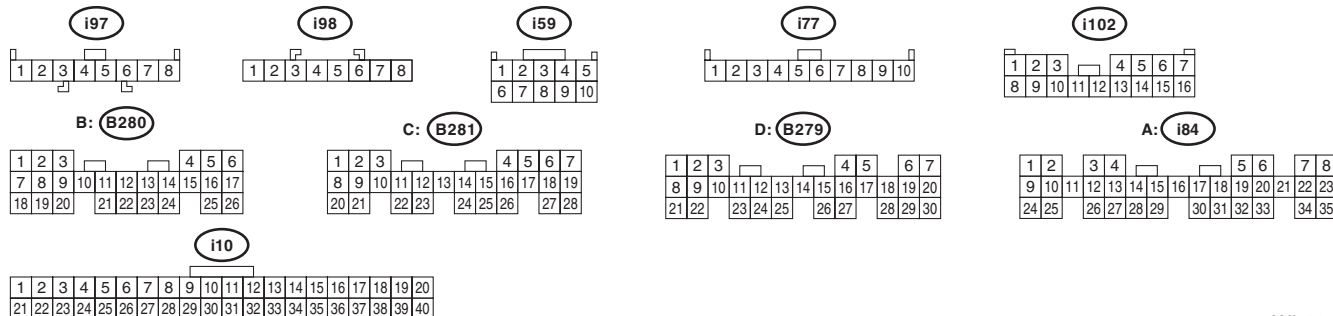
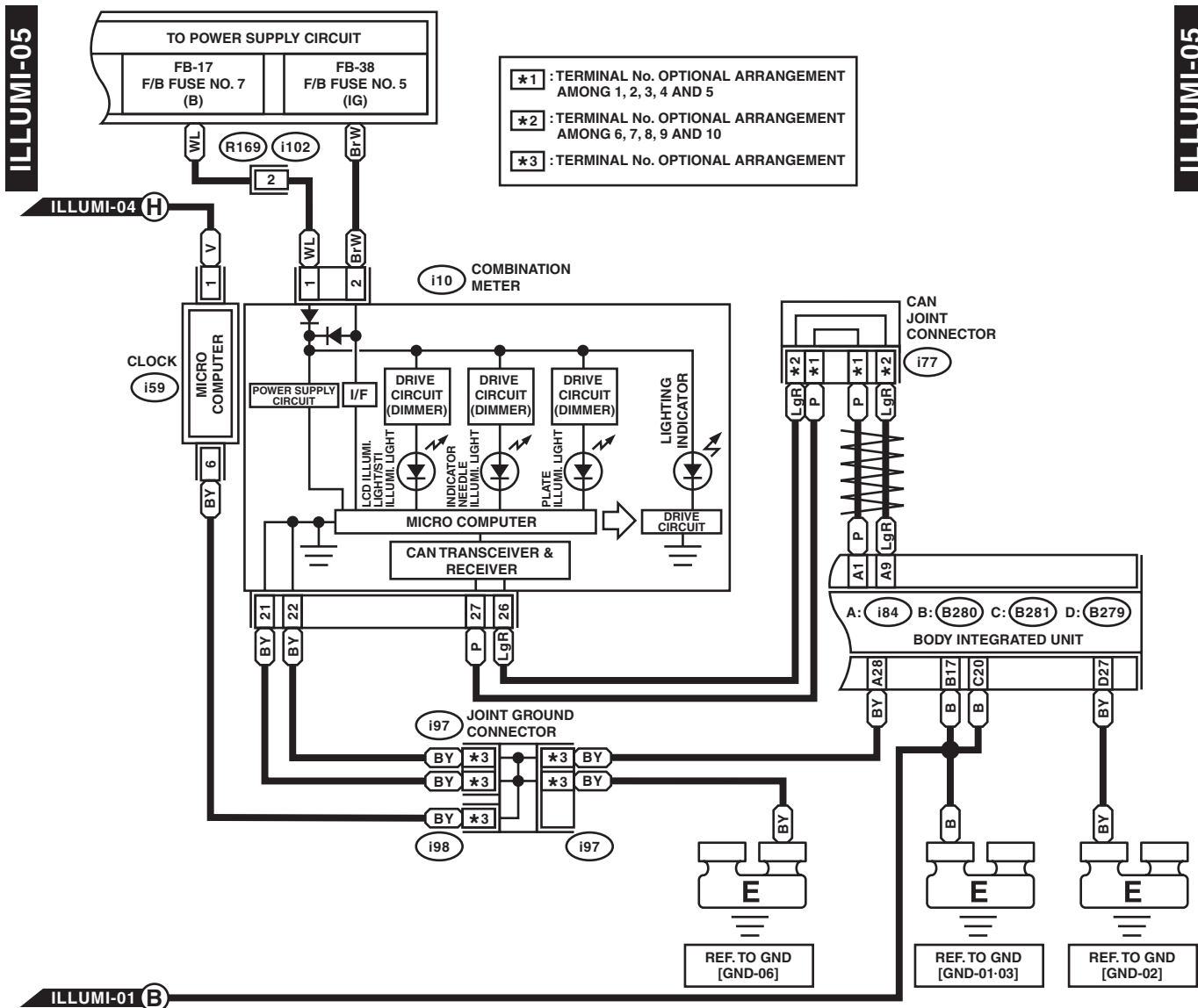
ILLUMI-04

ILLUMI-04



Clearance Light and Illumination Light System

WIRING SYSTEM



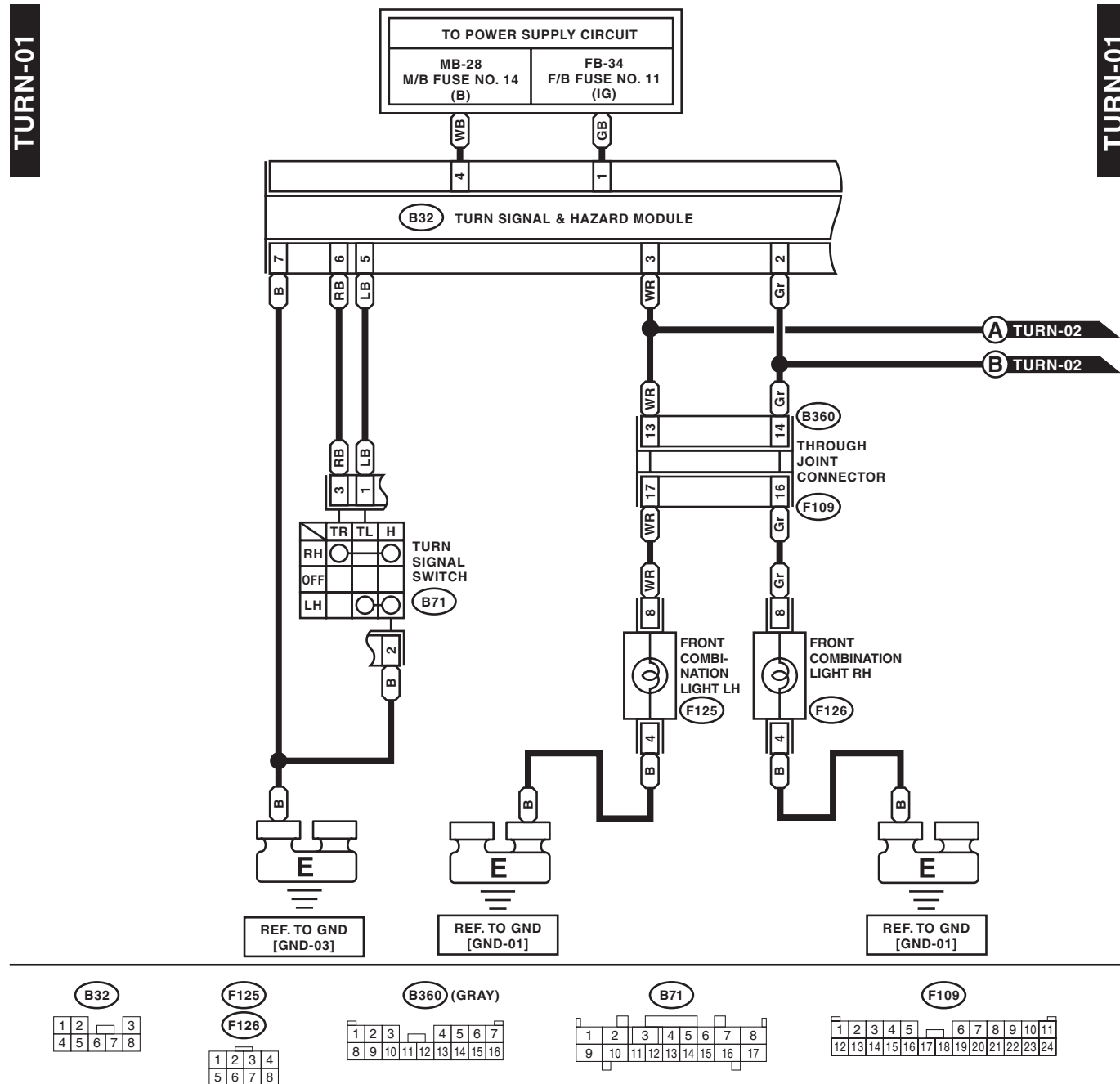
WI-18615

Turn Signal Light and Hazard Light System

WIRING SYSTEM

23. Turn Signal Light and Hazard Light System

A: WIRING DIAGRAM



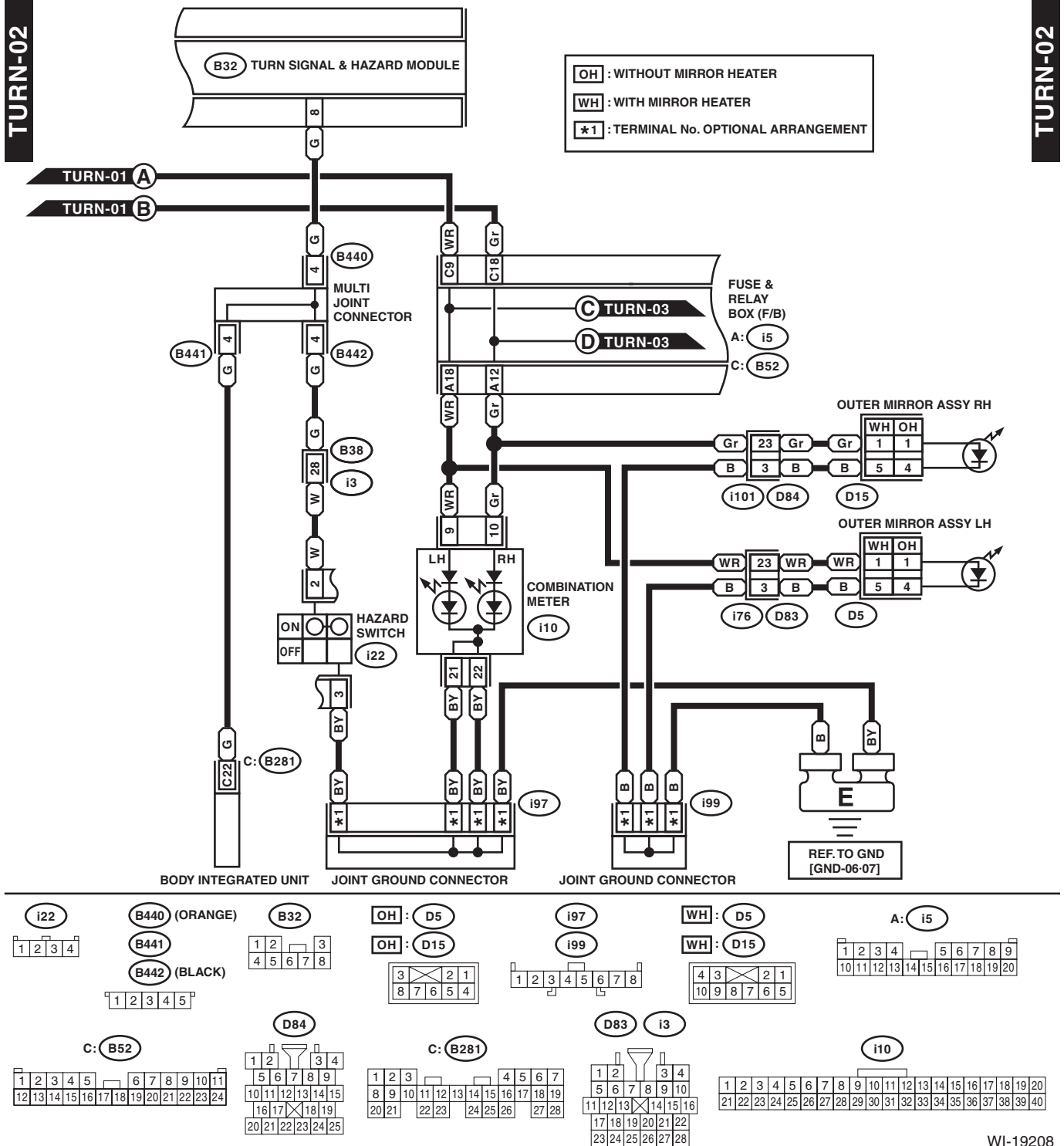
WI-16945

Turn Signal Light and Hazard Light System

WIRING SYSTEM

TURN-02

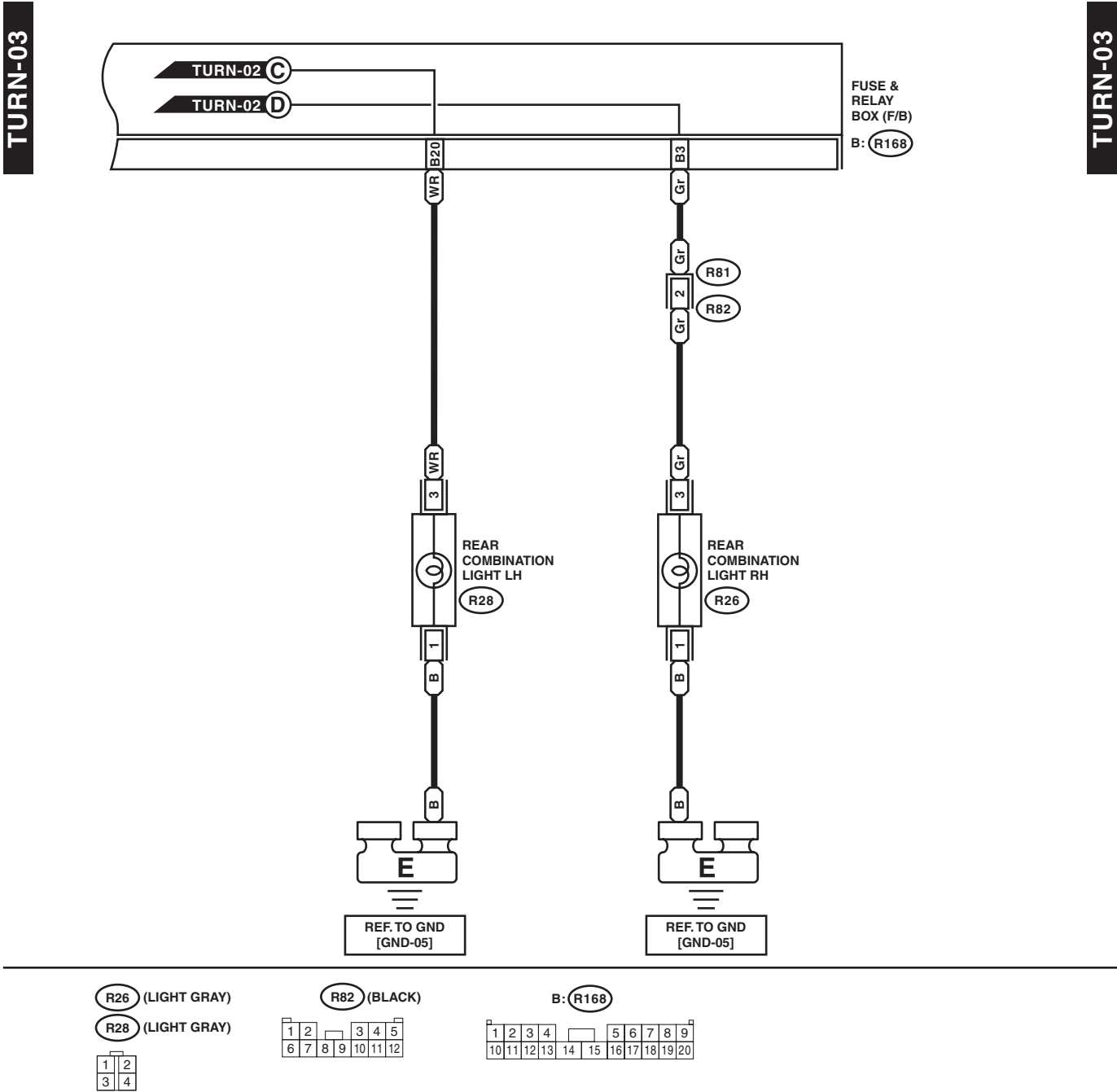
TURN-02



WI-19208

Turn Signal Light and Hazard Light System

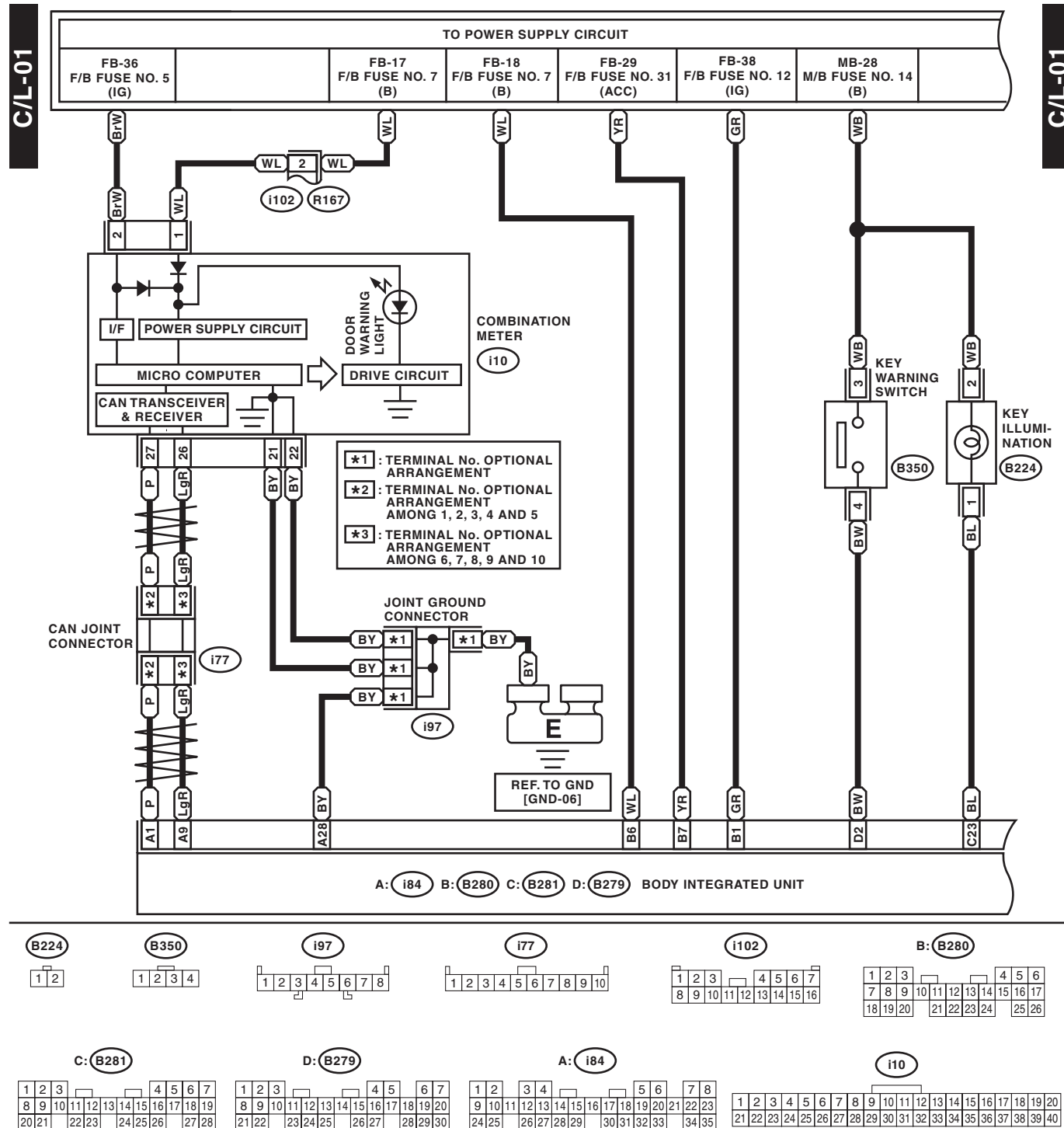
WIRING SYSTEM



WI-18728

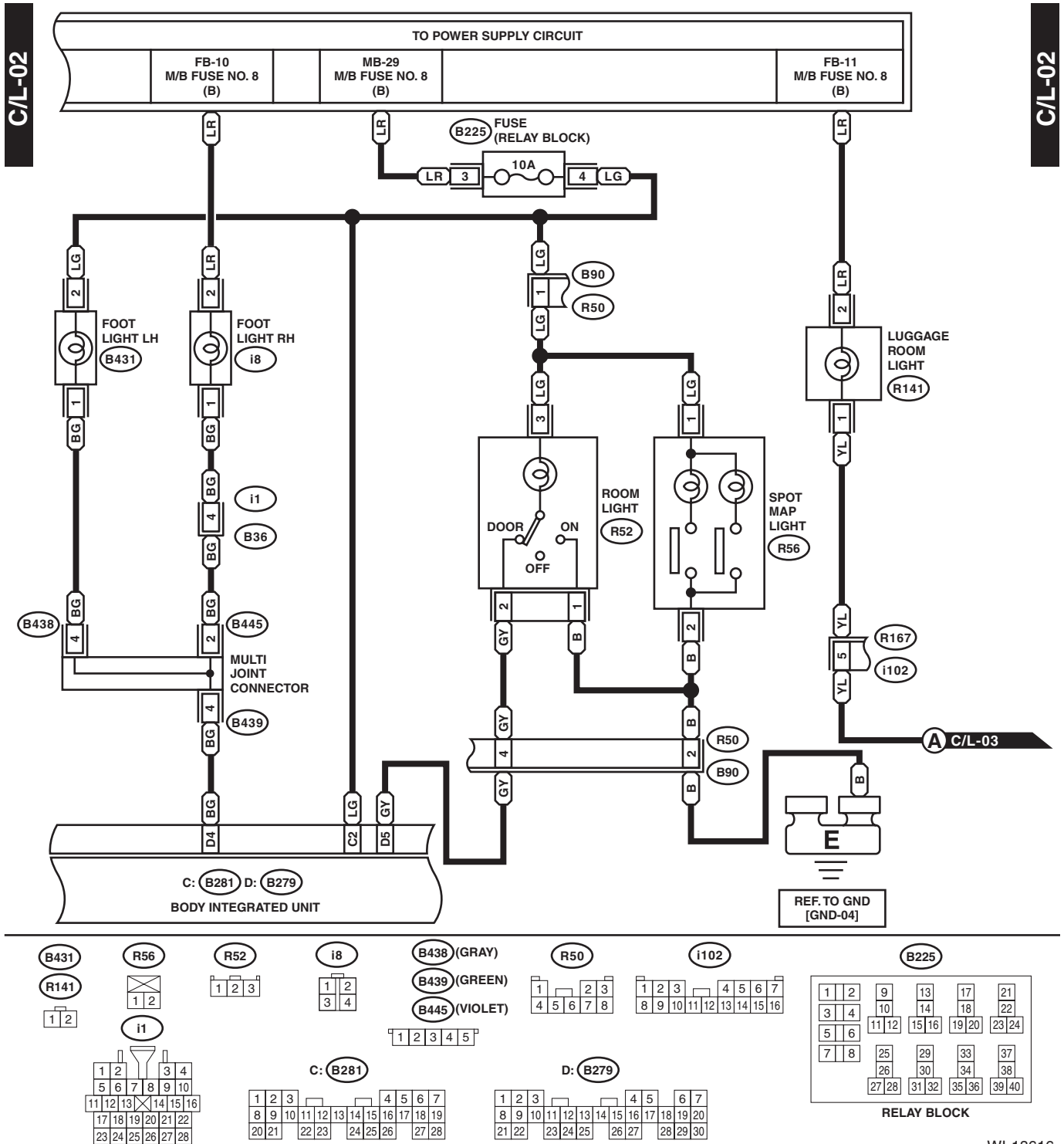
24. Interior Light System

A: WIRING DIAGRAM



Interior Light System

WIRING SYSTEM



WI-18616

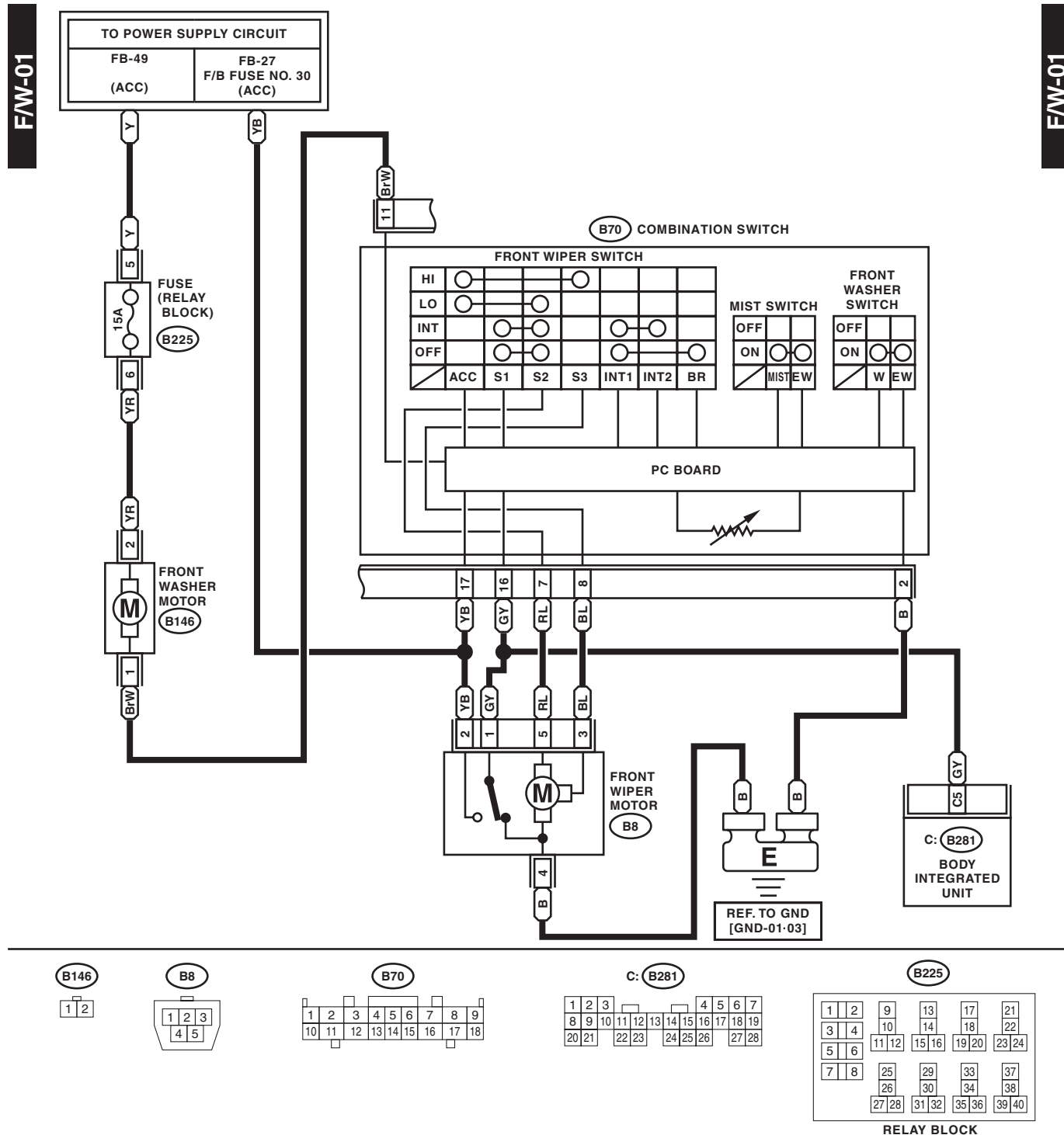
WIRING SYSTEM



WIRING SYSTEM

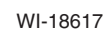
25.Front Wiper and Washer System

A: WIRING DIAGRAM



WI-16951

A: WIRING DIAGRAM

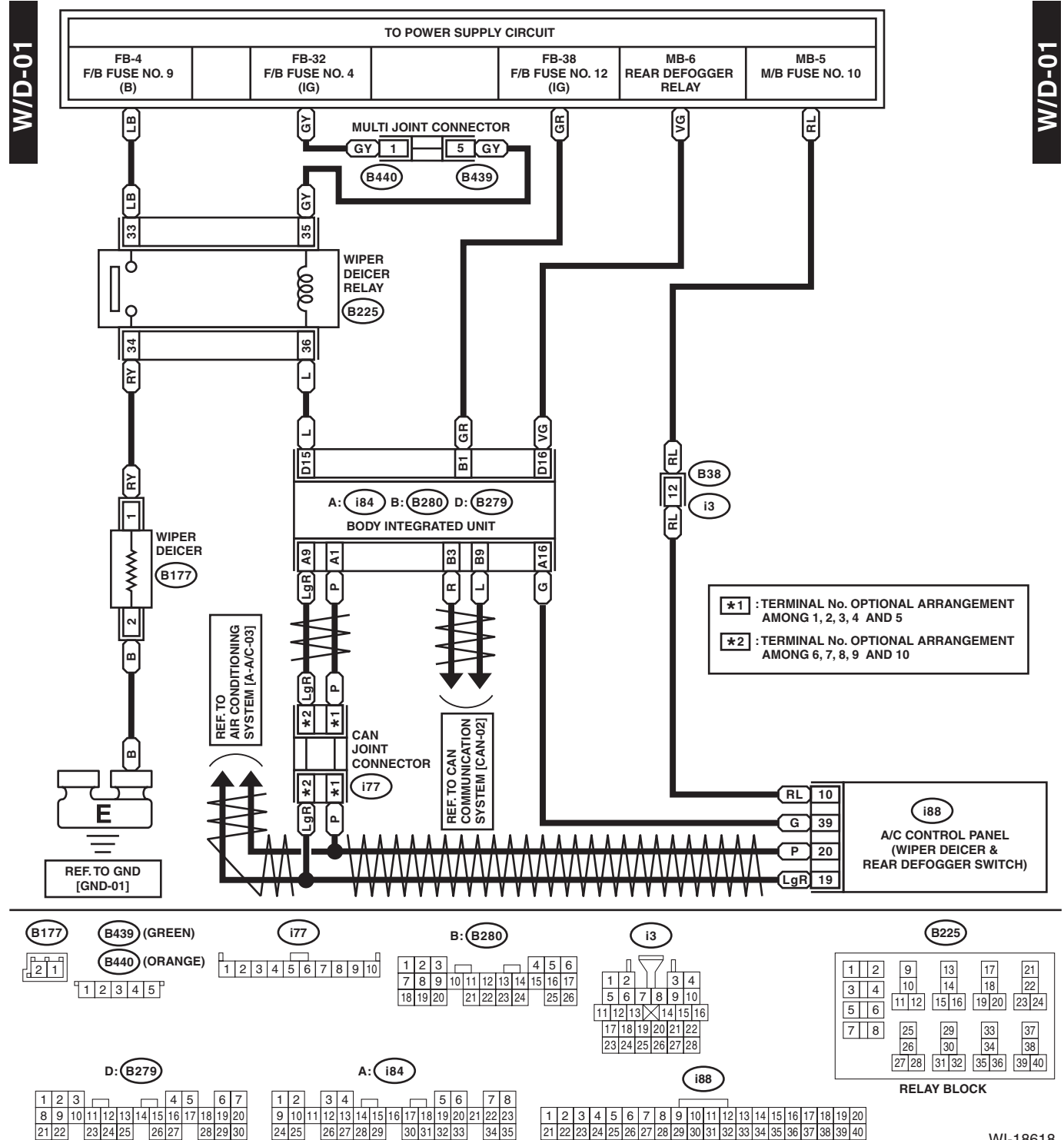


WIRING SYSTEM



27. Wiper Deicer System

A: WIRING DIAGRAM



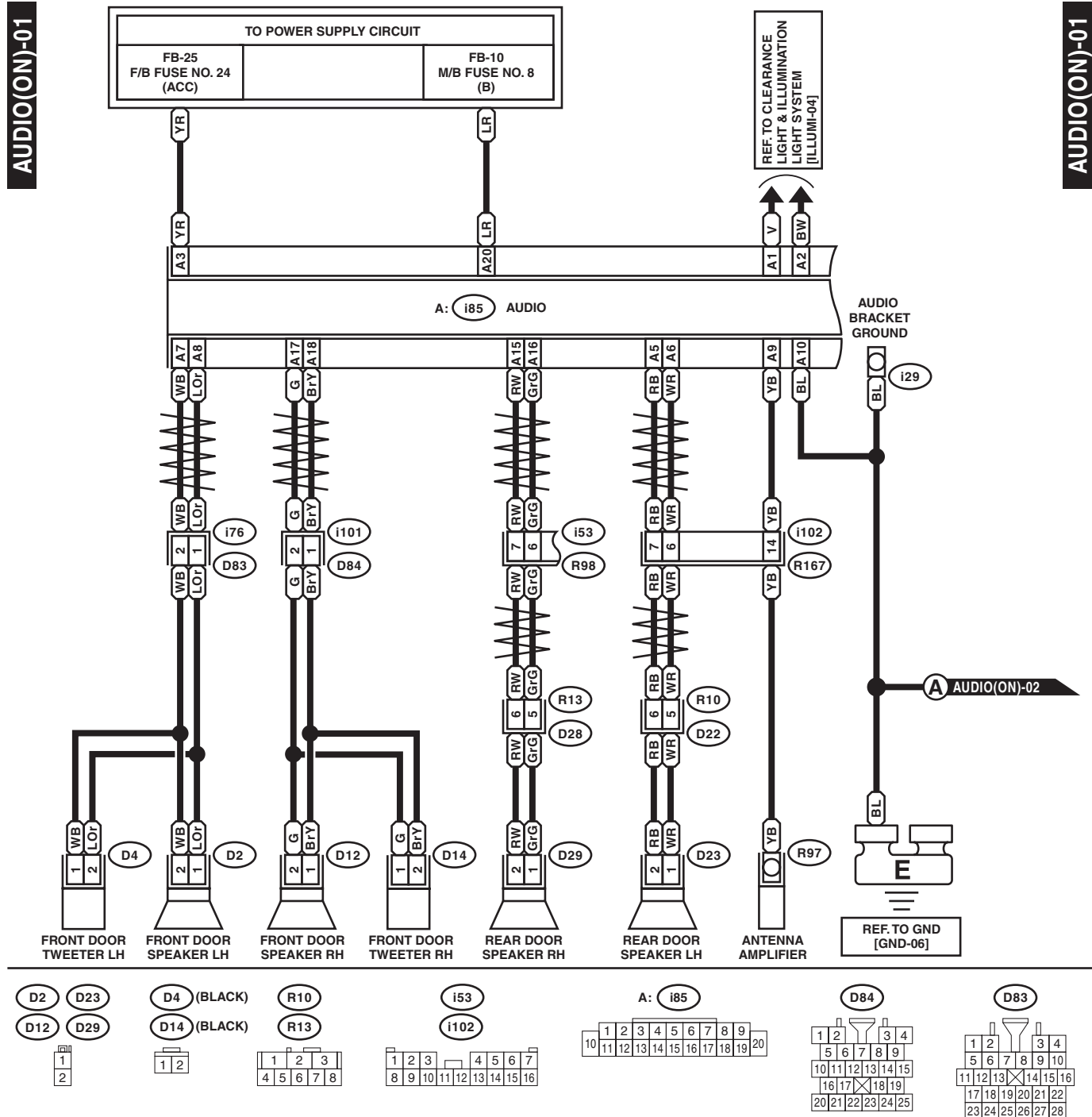
Audio System

WIRING SYSTEM

28.Audio System

A: WIRING DIAGRAM

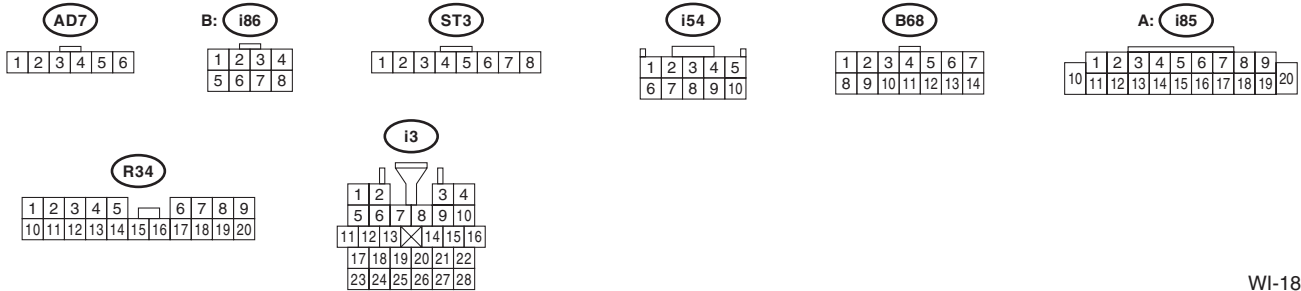
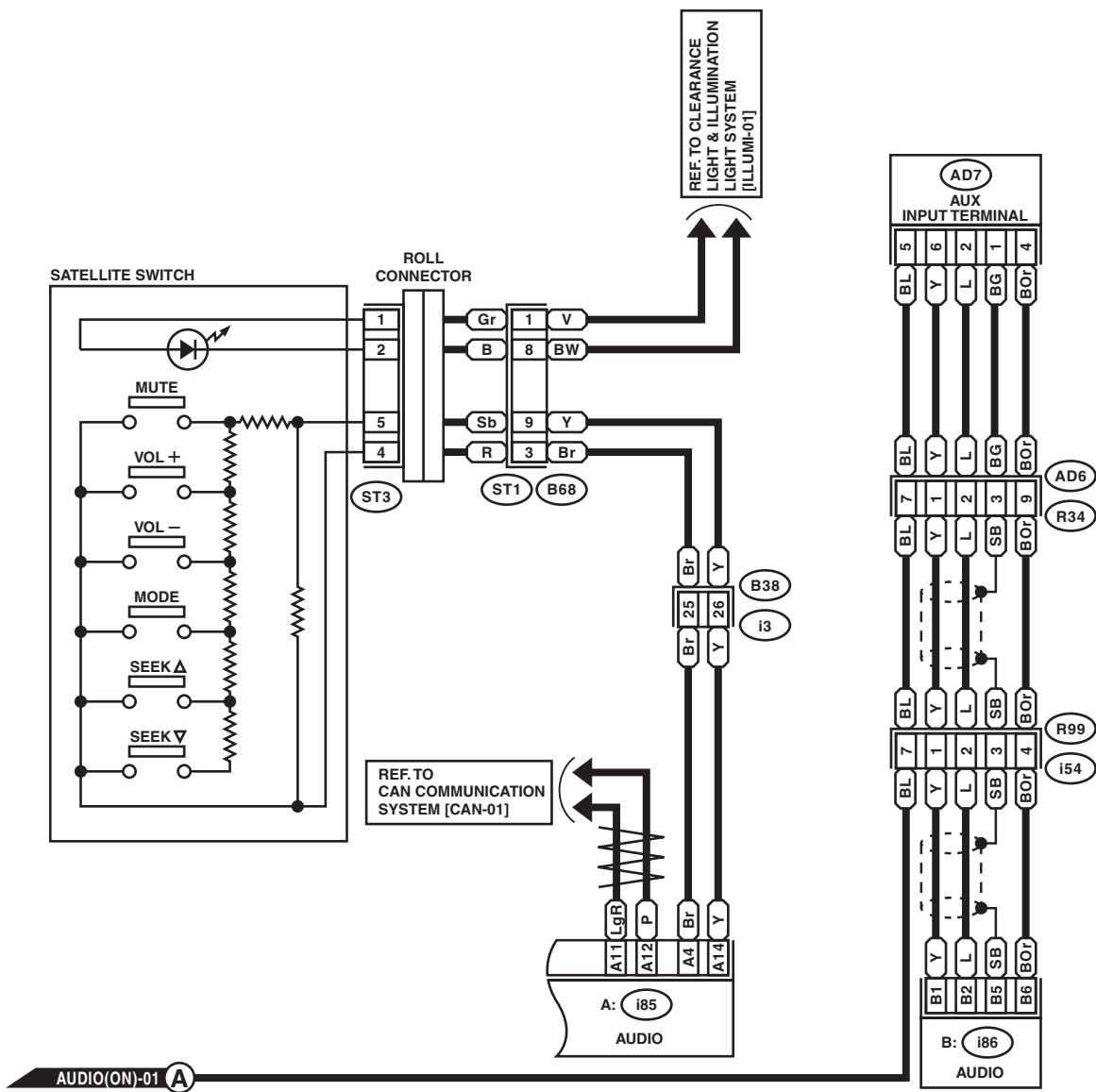
1. MODELS WITHOUT NAVIGATION SYSTEM



WI-18619

AUDIO(ON)-02

AUDIO(ON)-02

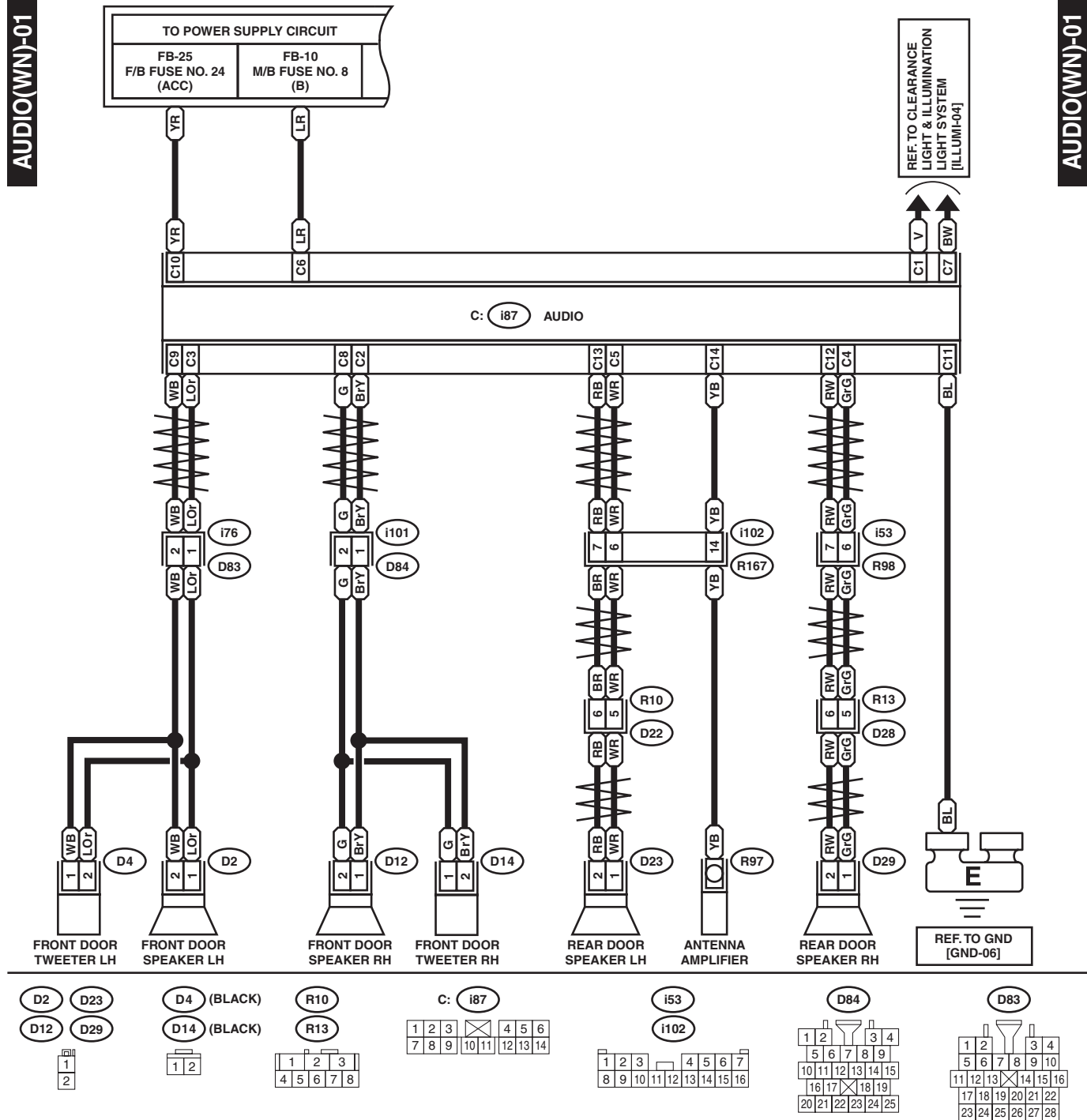


WI-18620

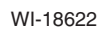
Audio System

WIRING SYSTEM

2. MODELS WITH NAVIGATION SYSTEM



WI-18621

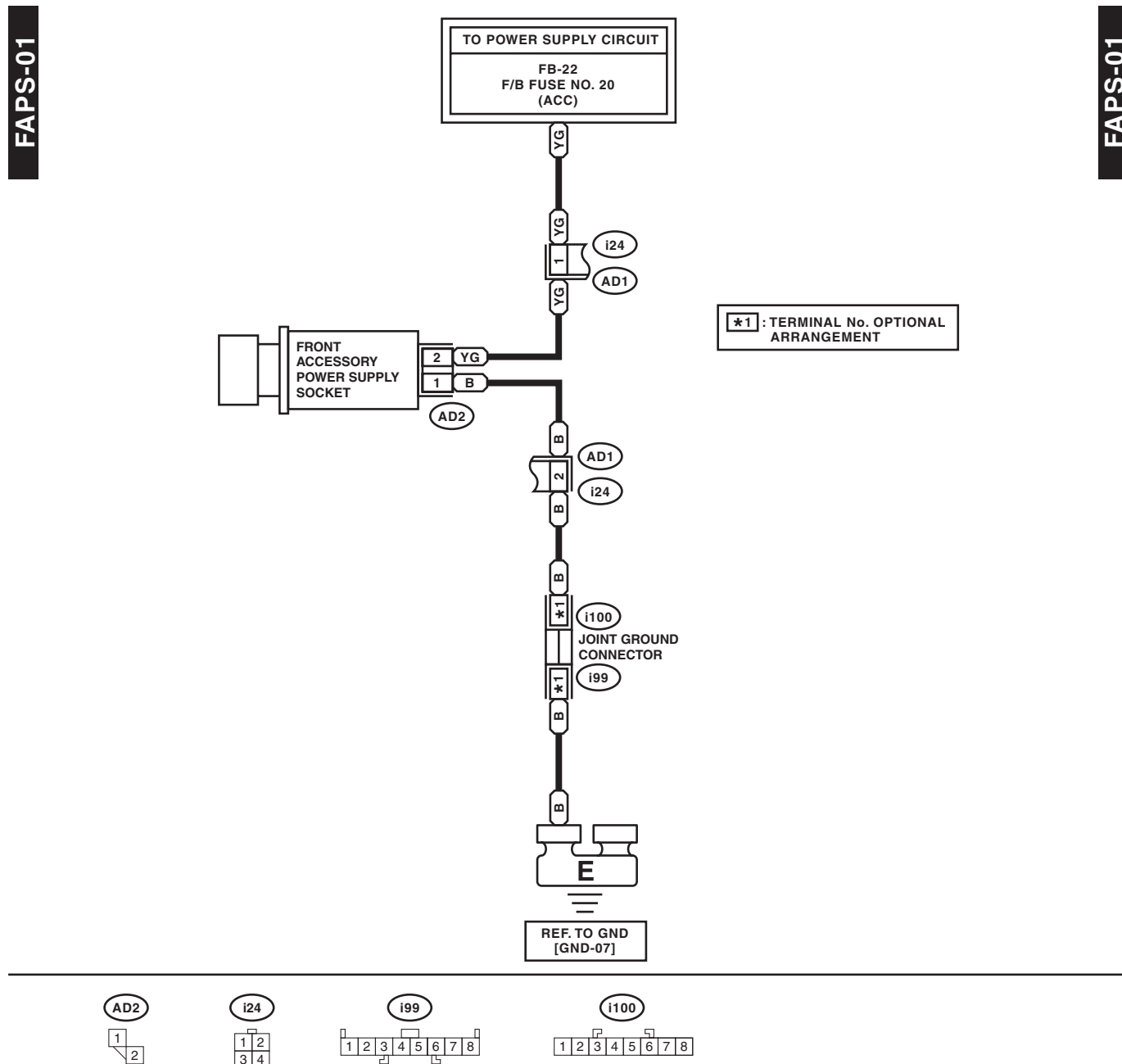


Front Accessory Power Supply Socket System

WIRING SYSTEM

29.Front Accessory Power Supply Socket System

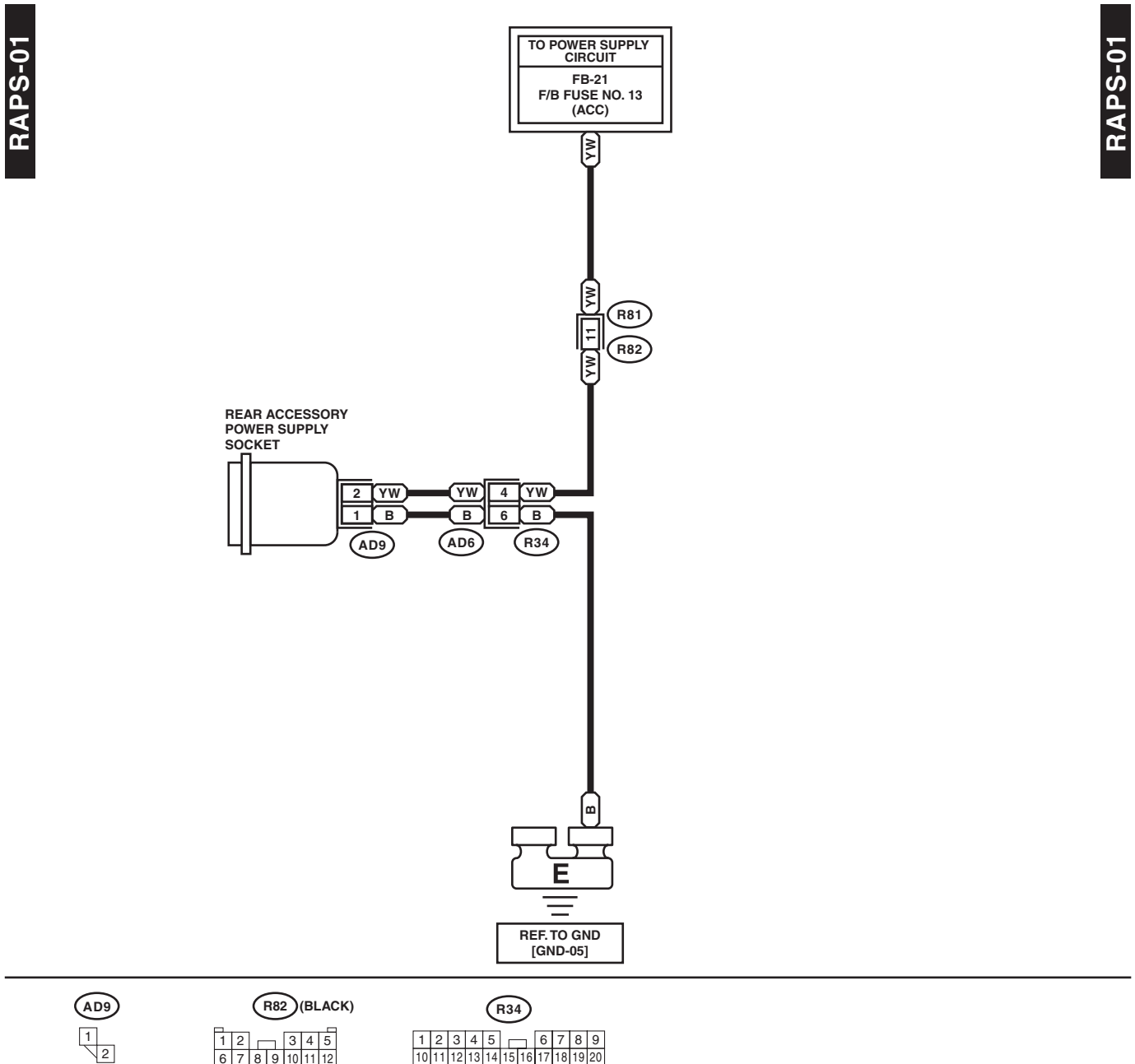
A: WIRING DIAGRAM



WI-16958

30.Rear Accessory Power Supply Socket System

A: WIRING DIAGRAM



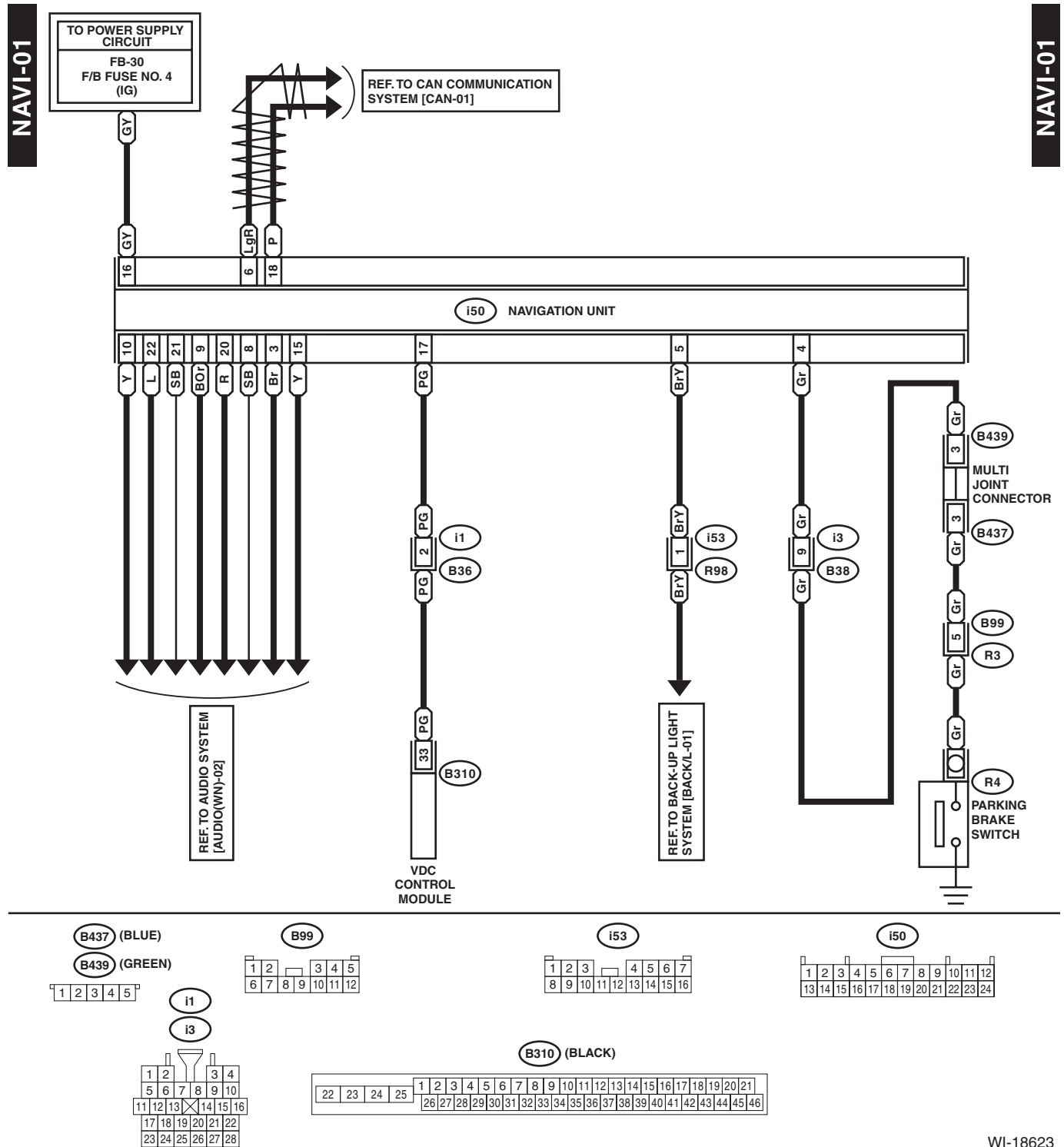
WI-19442

Navigation System

WIRING SYSTEM

31.Navigation System

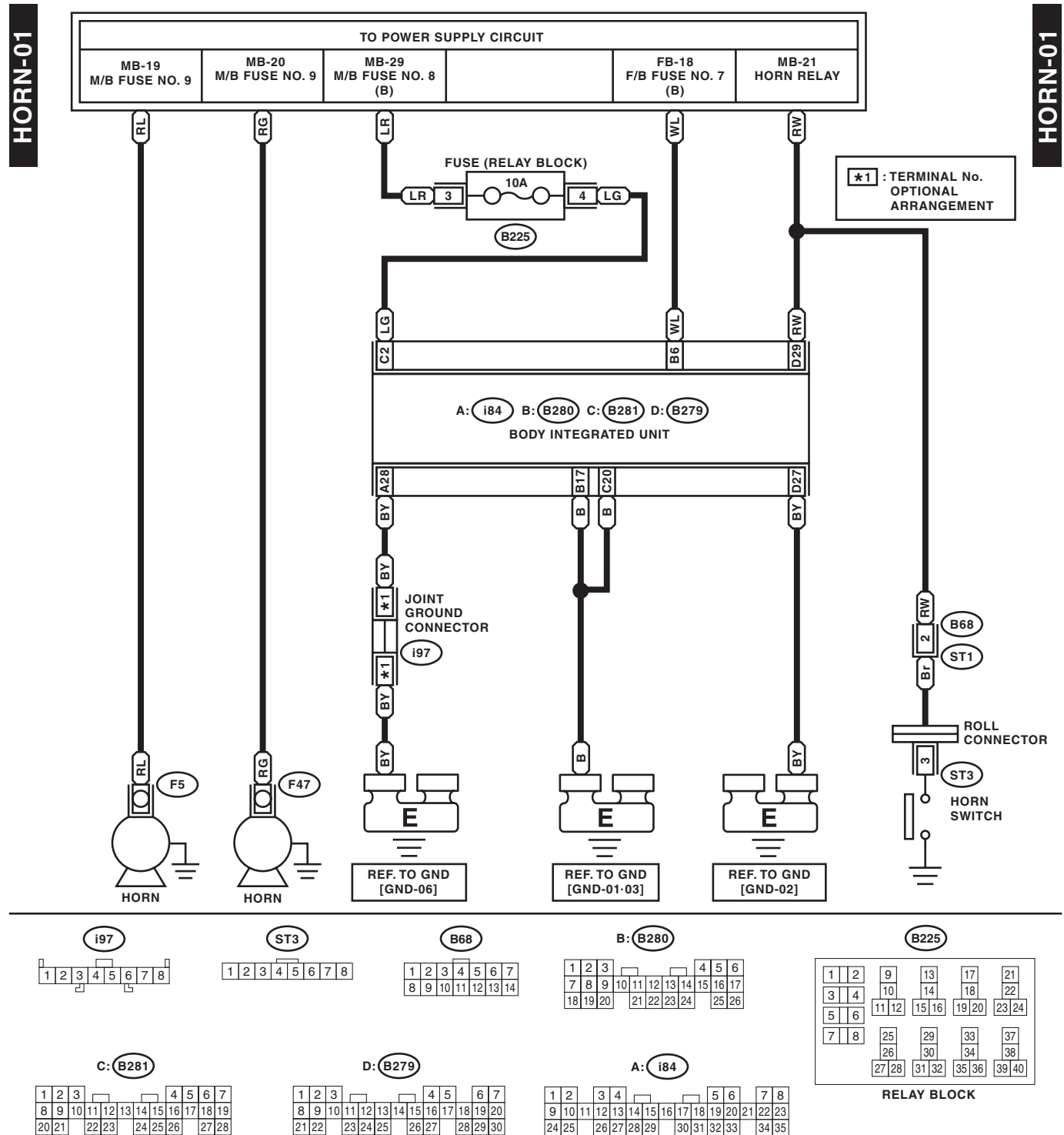
A: WIRING DIAGRAM



WI-18623

32.Horn System

A: WIRING DIAGRAM



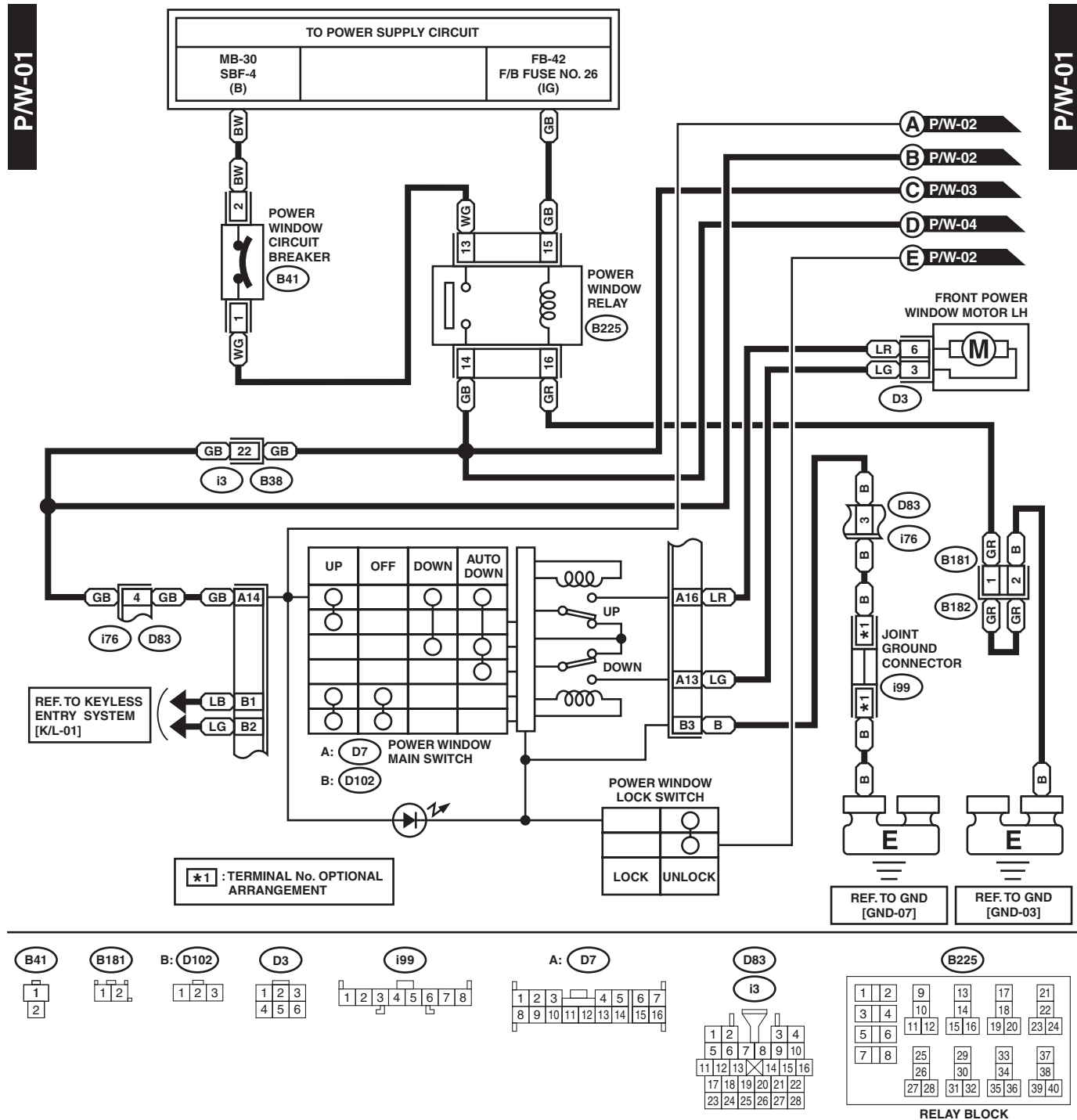
WI-16962

Power Window System

WIRING SYSTEM

33. Power Window System

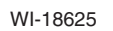
A: WIRING DIAGRAM



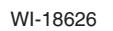
WI-18624

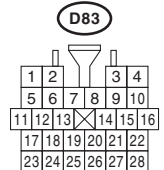
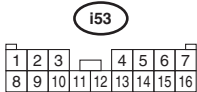
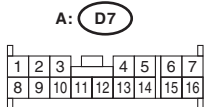
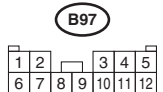
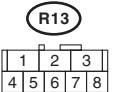
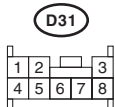
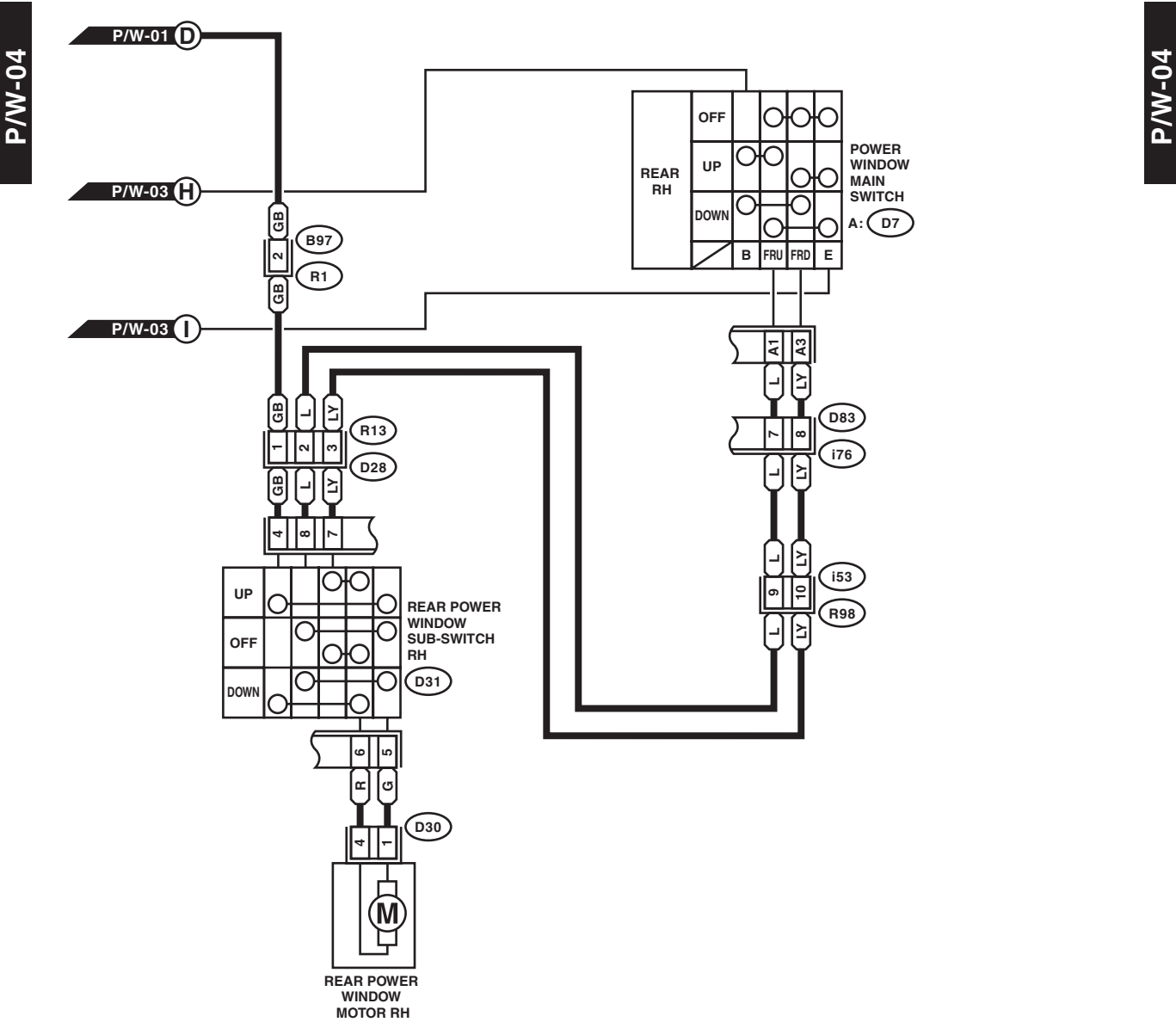
WIRING SYSTEM

P/W-02



WIRING SYSTEM

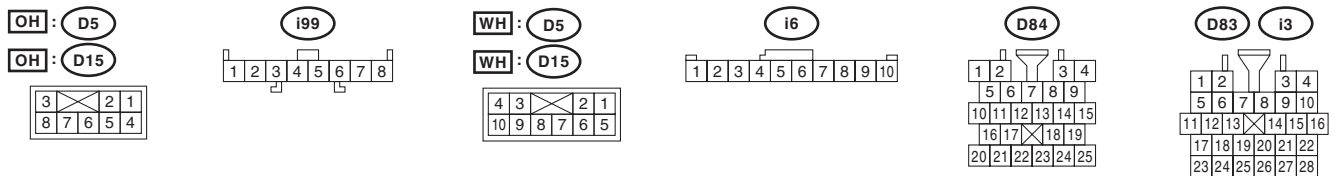




A: WIRING DIAGRAM

R/M-01

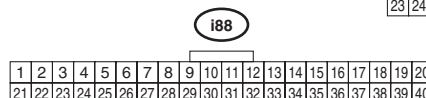
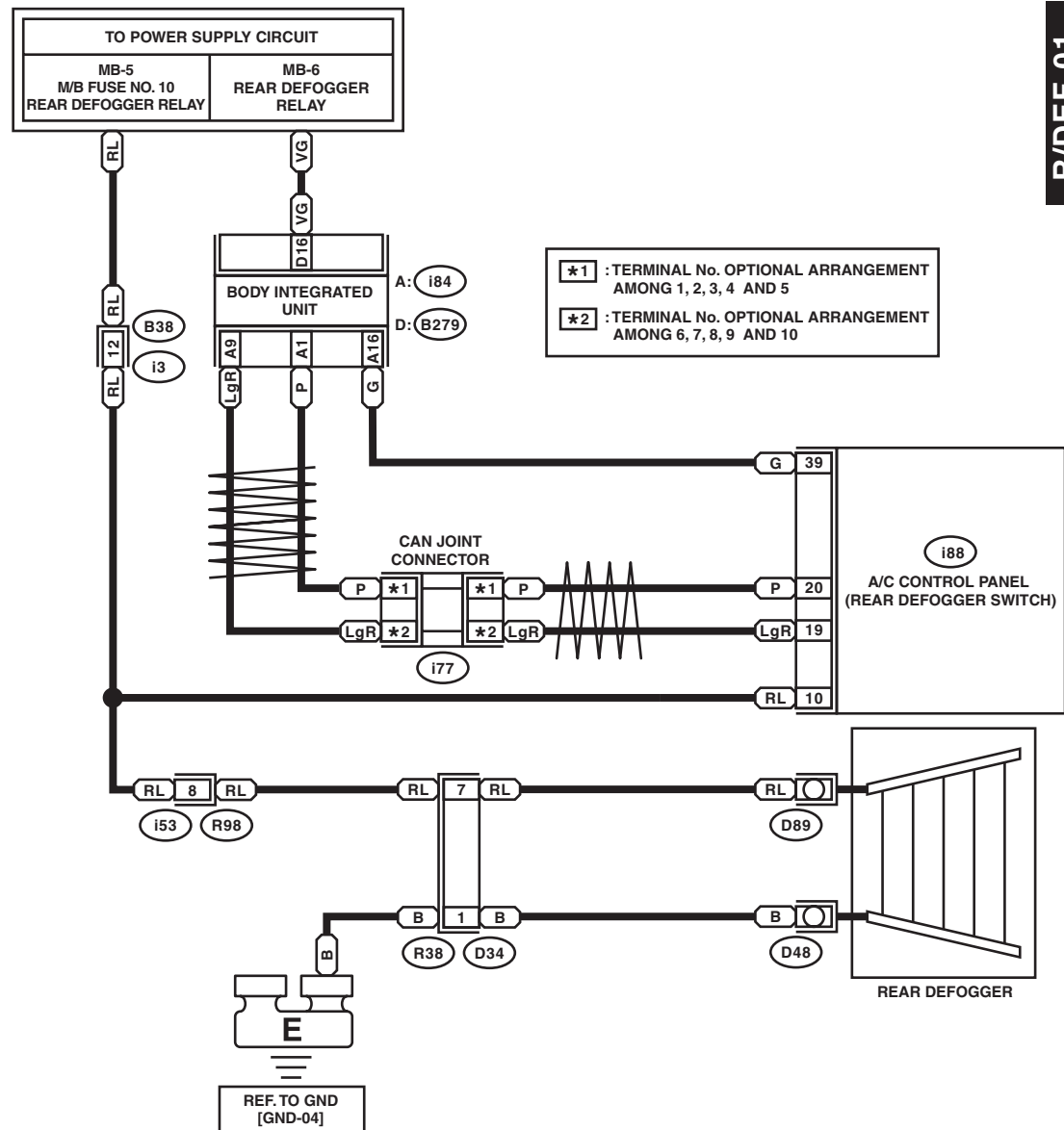
R/M-01



A: WIRING DIAGRAM

R/DEF-01

R/DEF-01

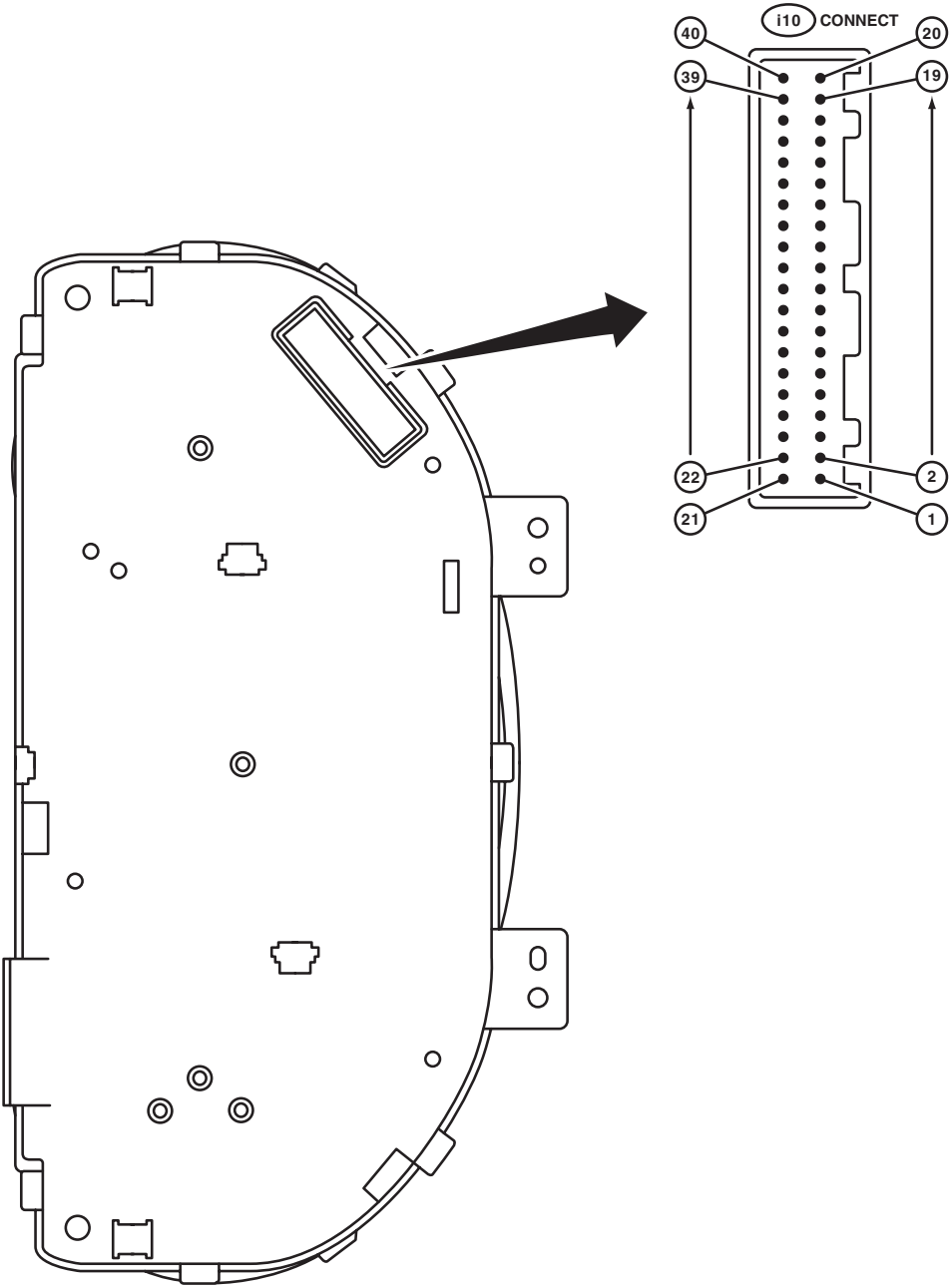


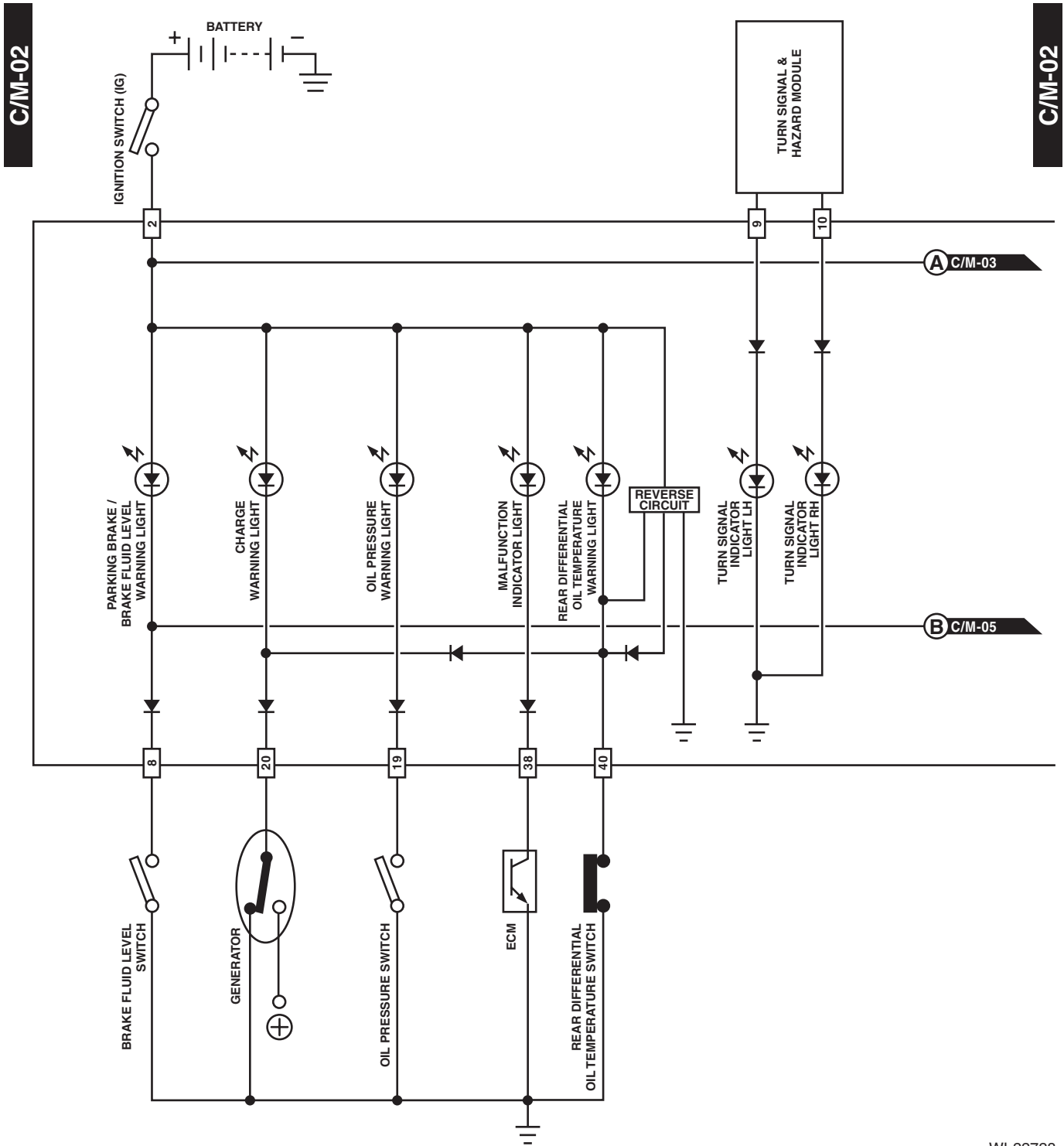
36.Combination Meter System

A: WIRING DIAGRAM

C/M-01

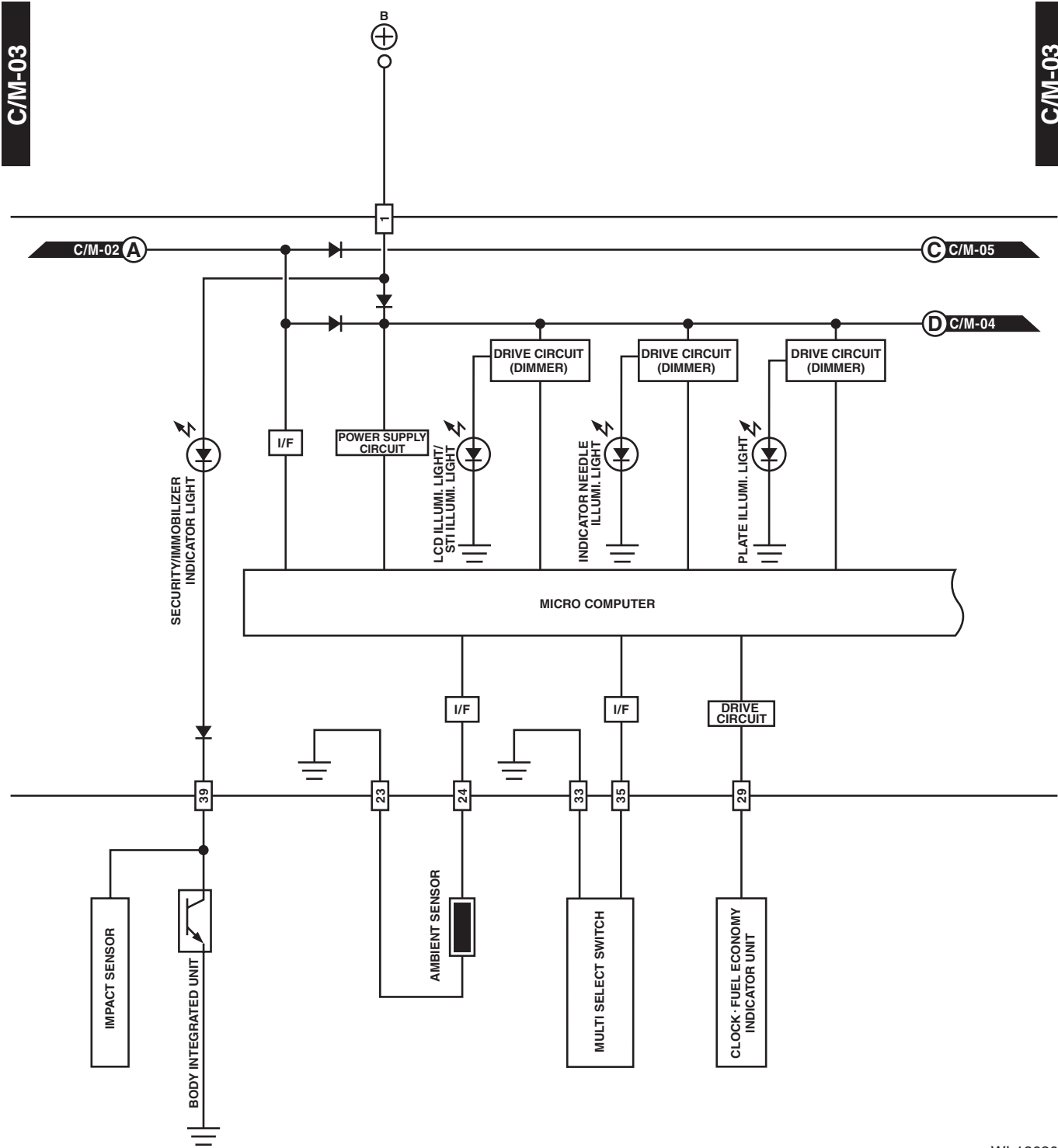
C/M-01





Combination Meter System

WIRING SYSTEM

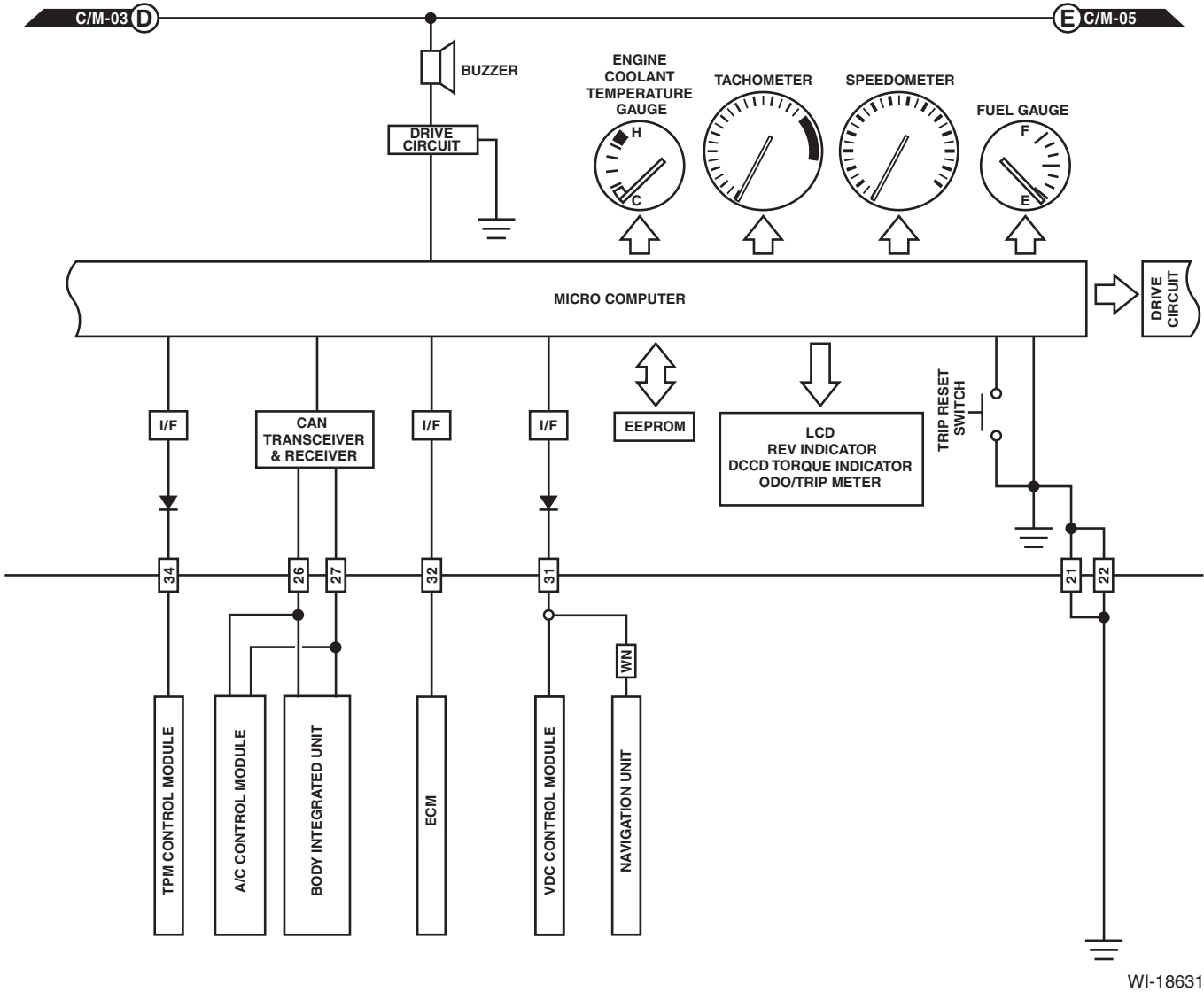


WI-18630

C/M-04

WI : WITH NAVIGATION

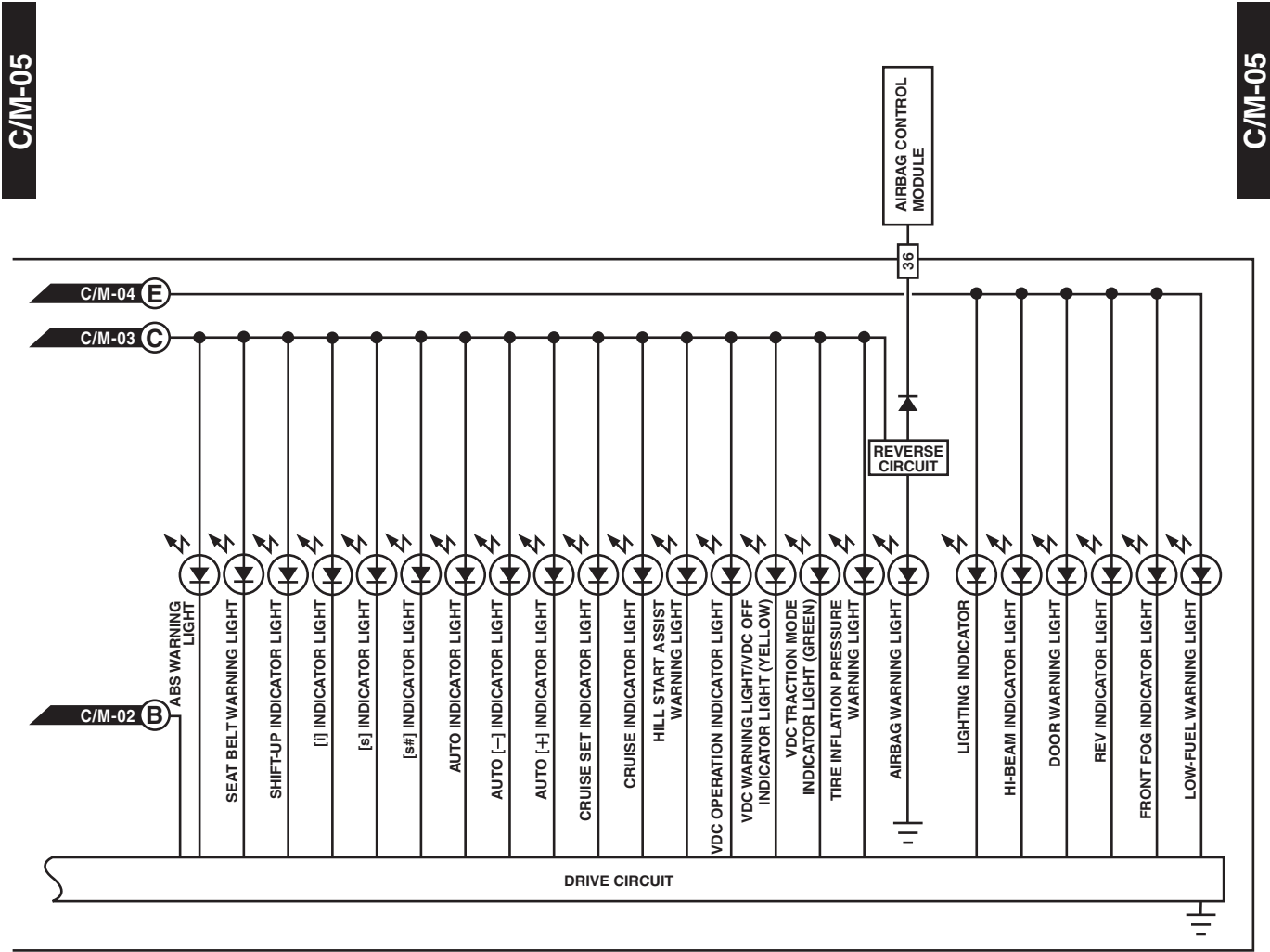
C/M-04



WI-18631

Combination Meter System

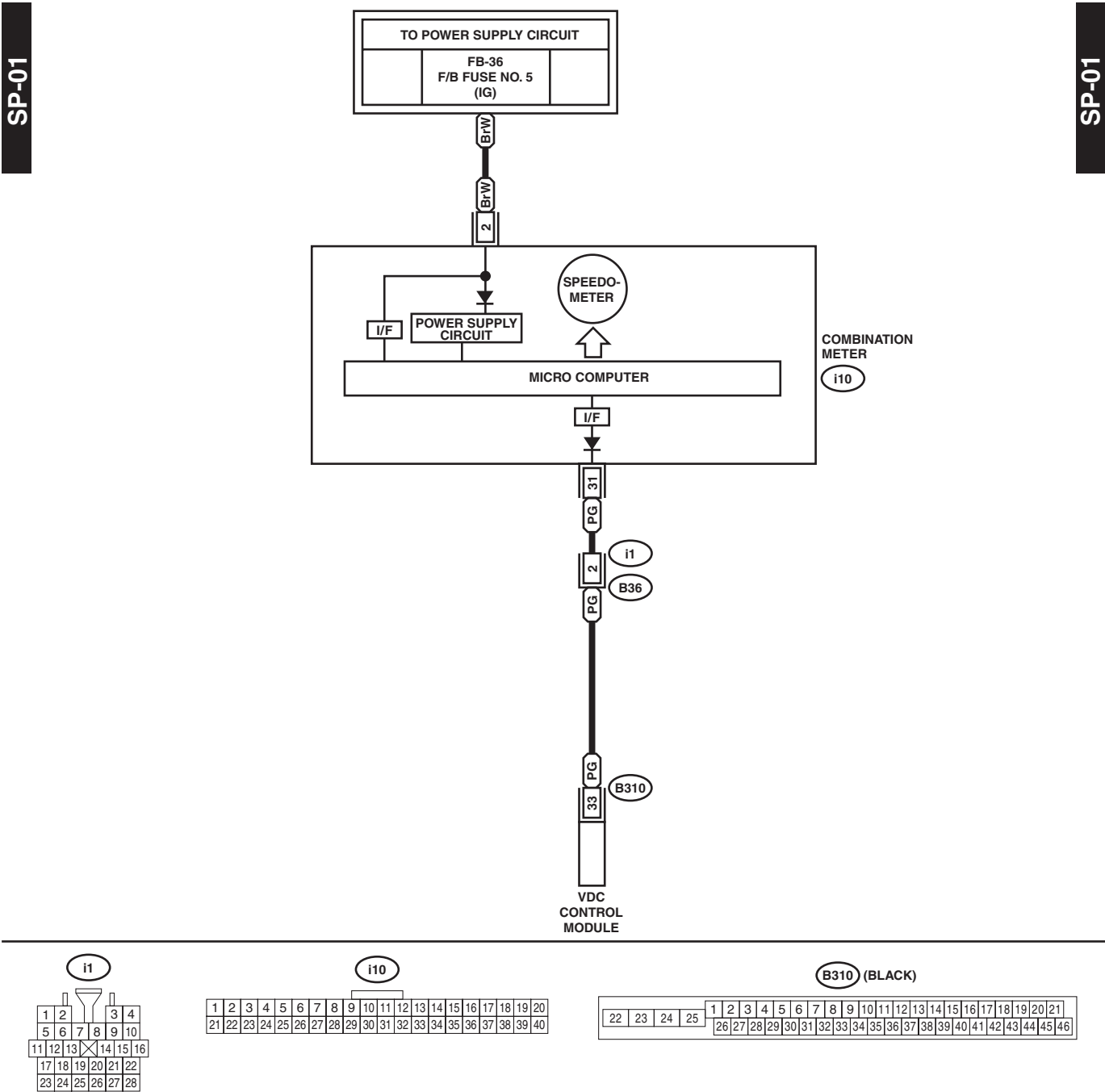
WIRING SYSTEM



WI-18632

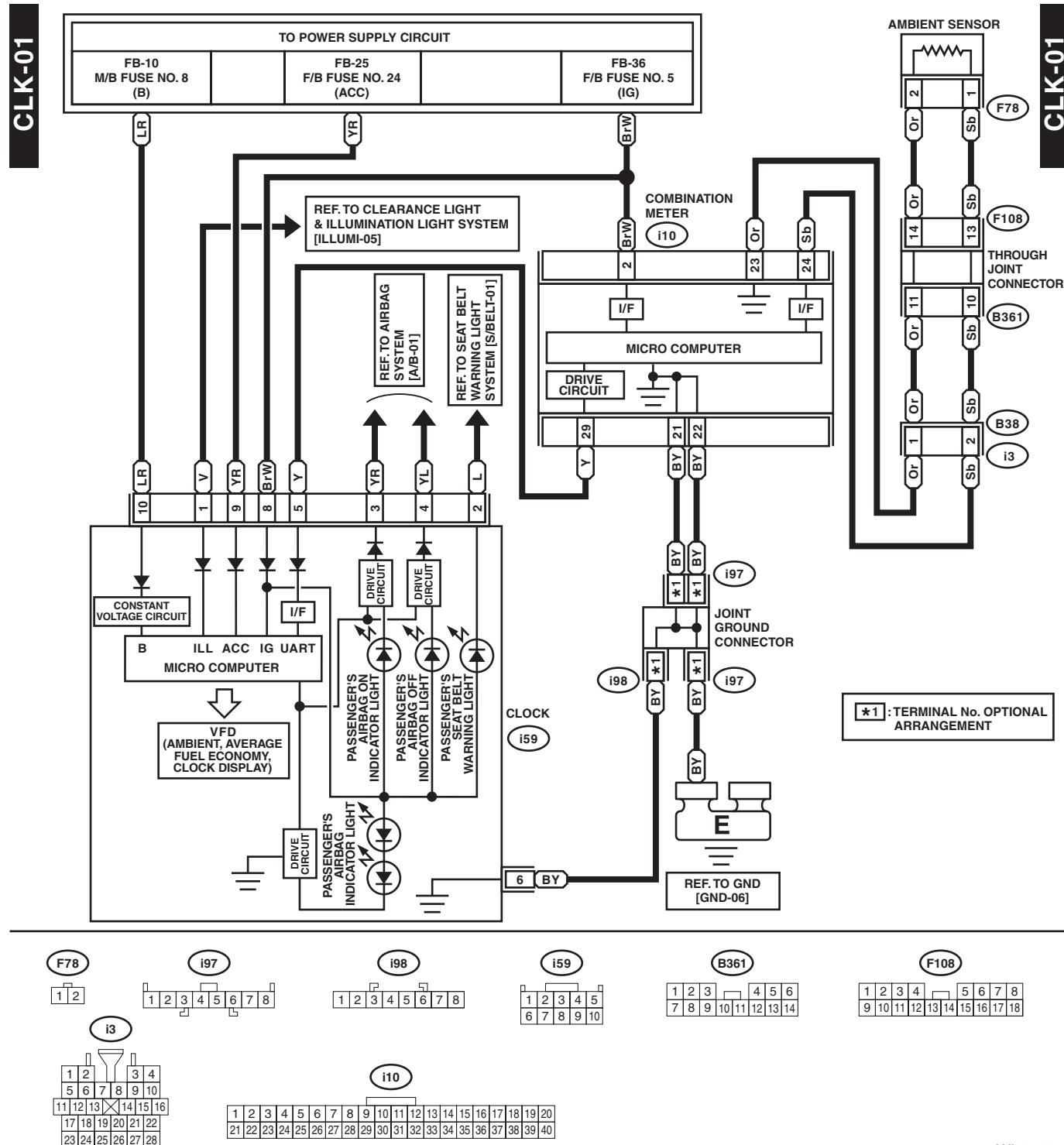
37.Speedometer System

A: WIRING DIAGRAM



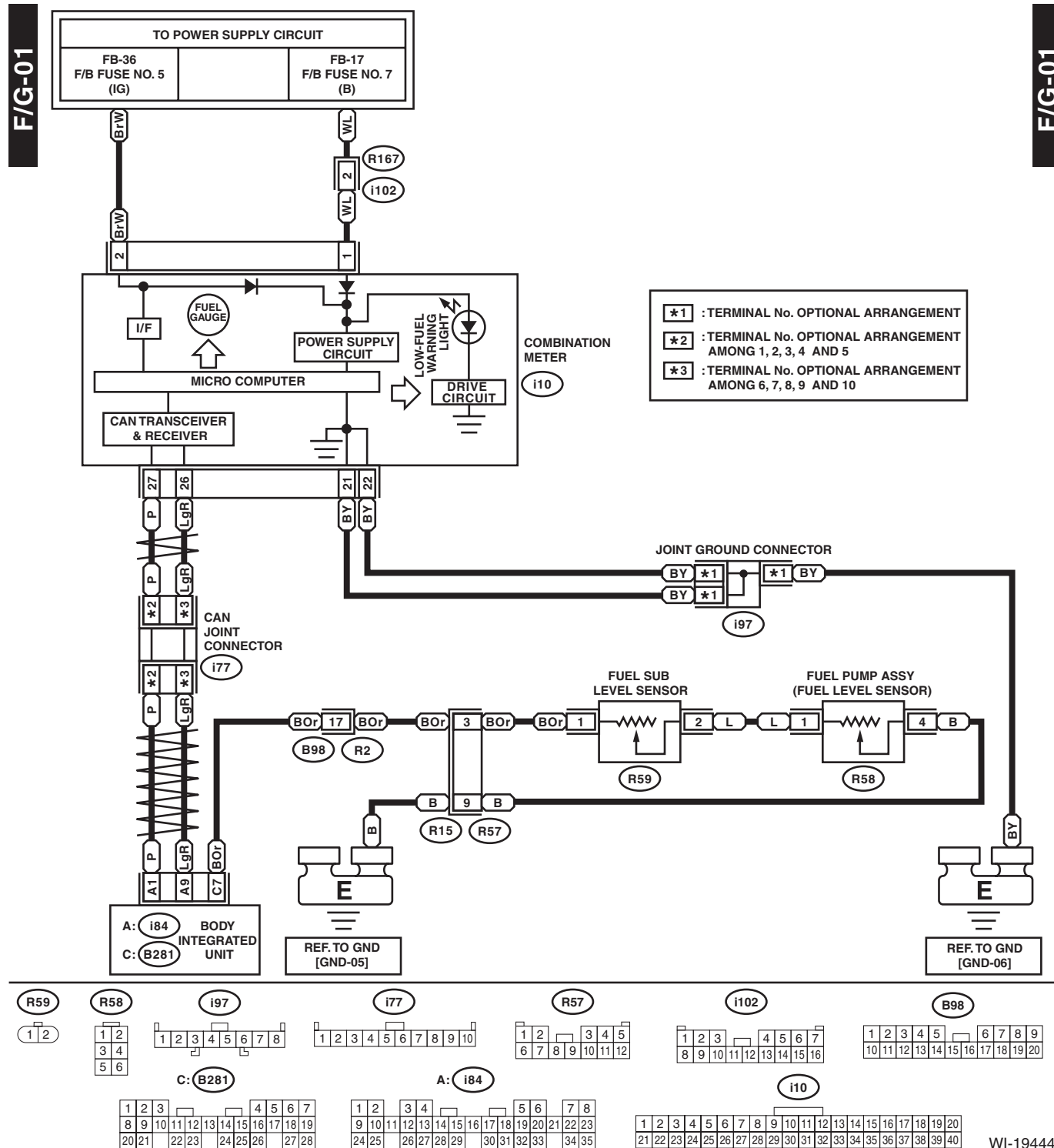
38.Clock System

A: WIRING DIAGRAM



39. Fuel Gauge System

A: WIRING DIAGRAM



A: WIRING DIAGRAM

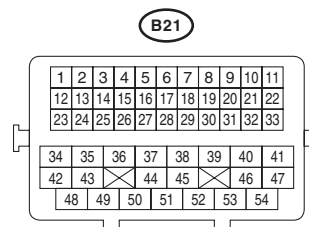
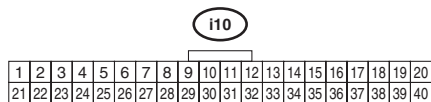
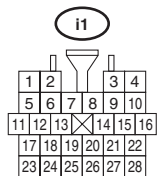
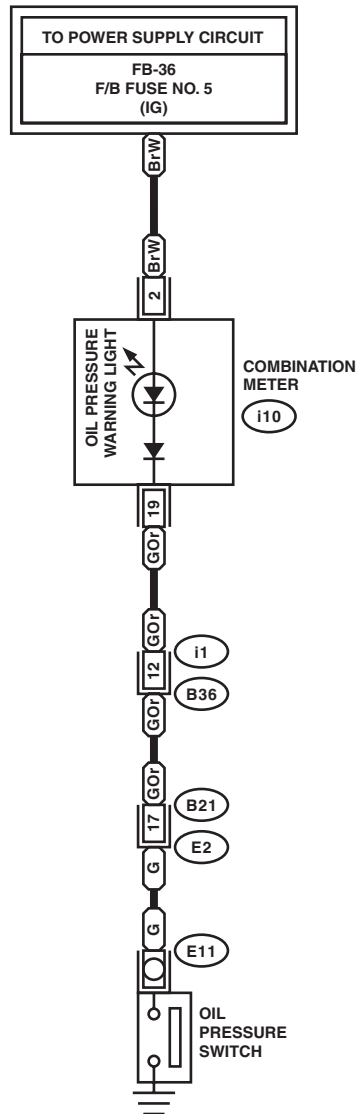


41.Oil Pressure Warning Light System

A: WIRING DIAGRAM

OIL/P-01

OIL/P-01



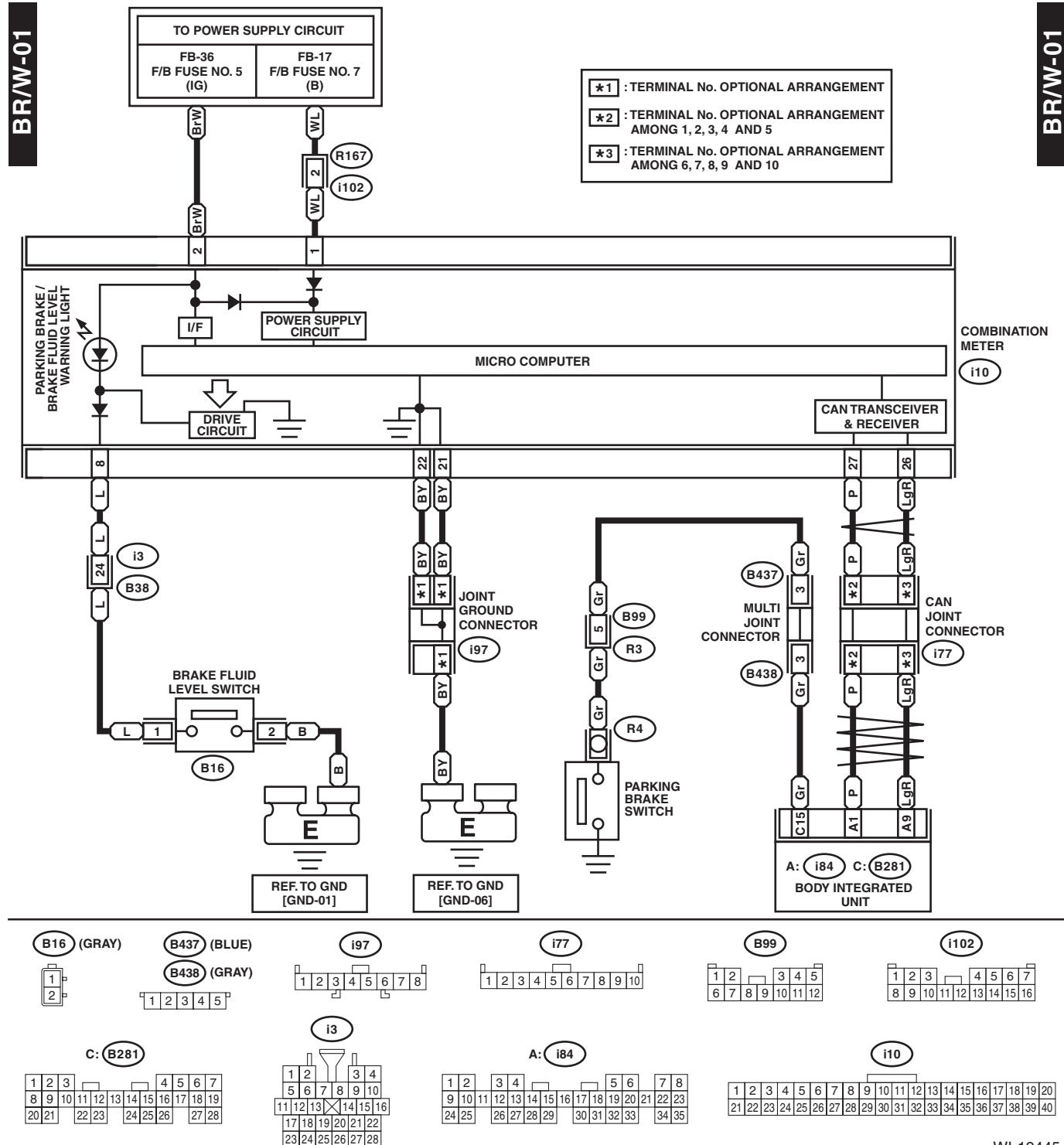
WI-18735

Parking Brake / Brake Fluid Level Warning Light System

WIRING SYSTEM

42. Parking Brake / Brake Fluid Level Warning Light System

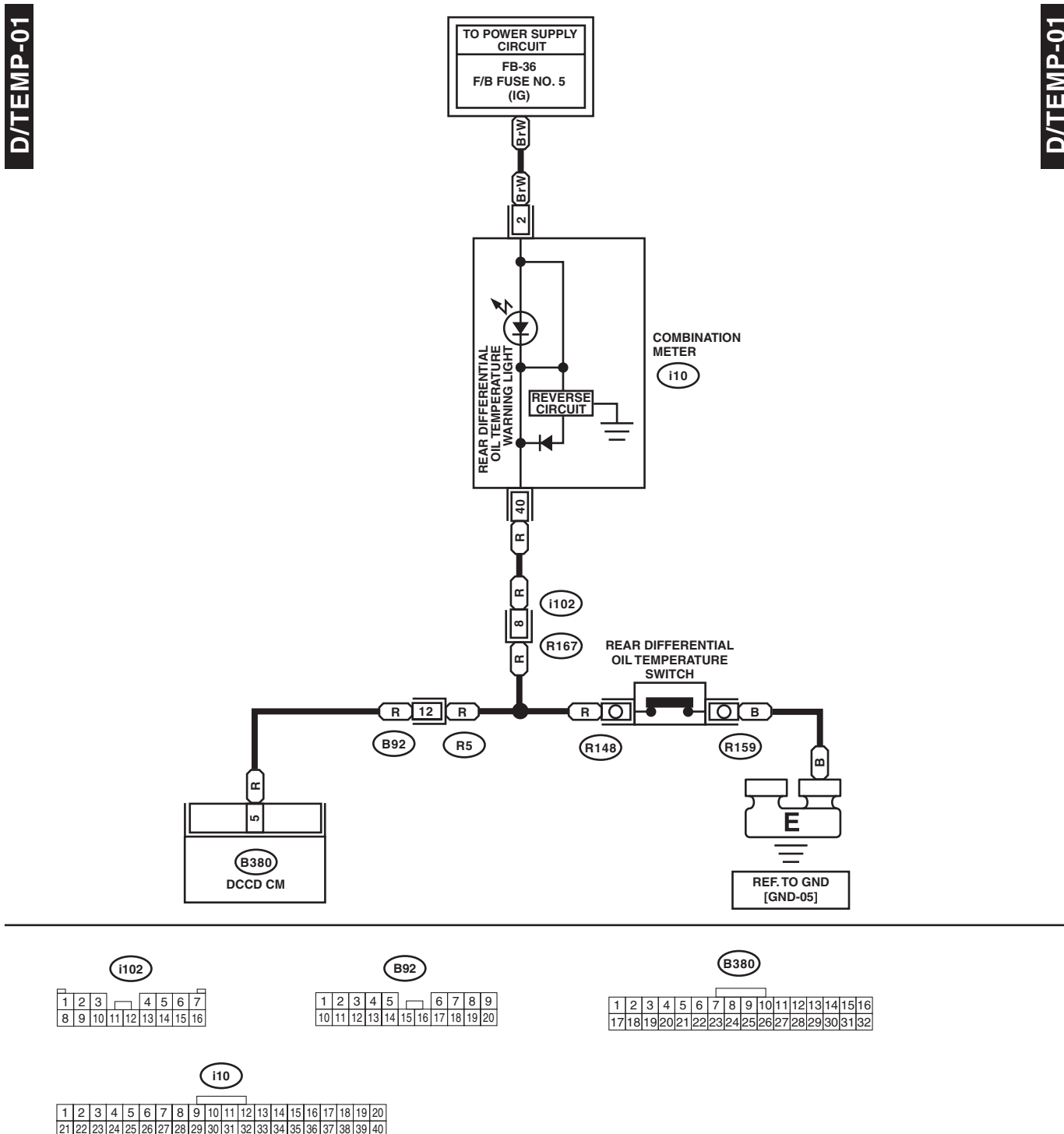
A: WIRING DIAGRAM



WI-19445

43.Rear Differential Oil Temperature Warning Light System

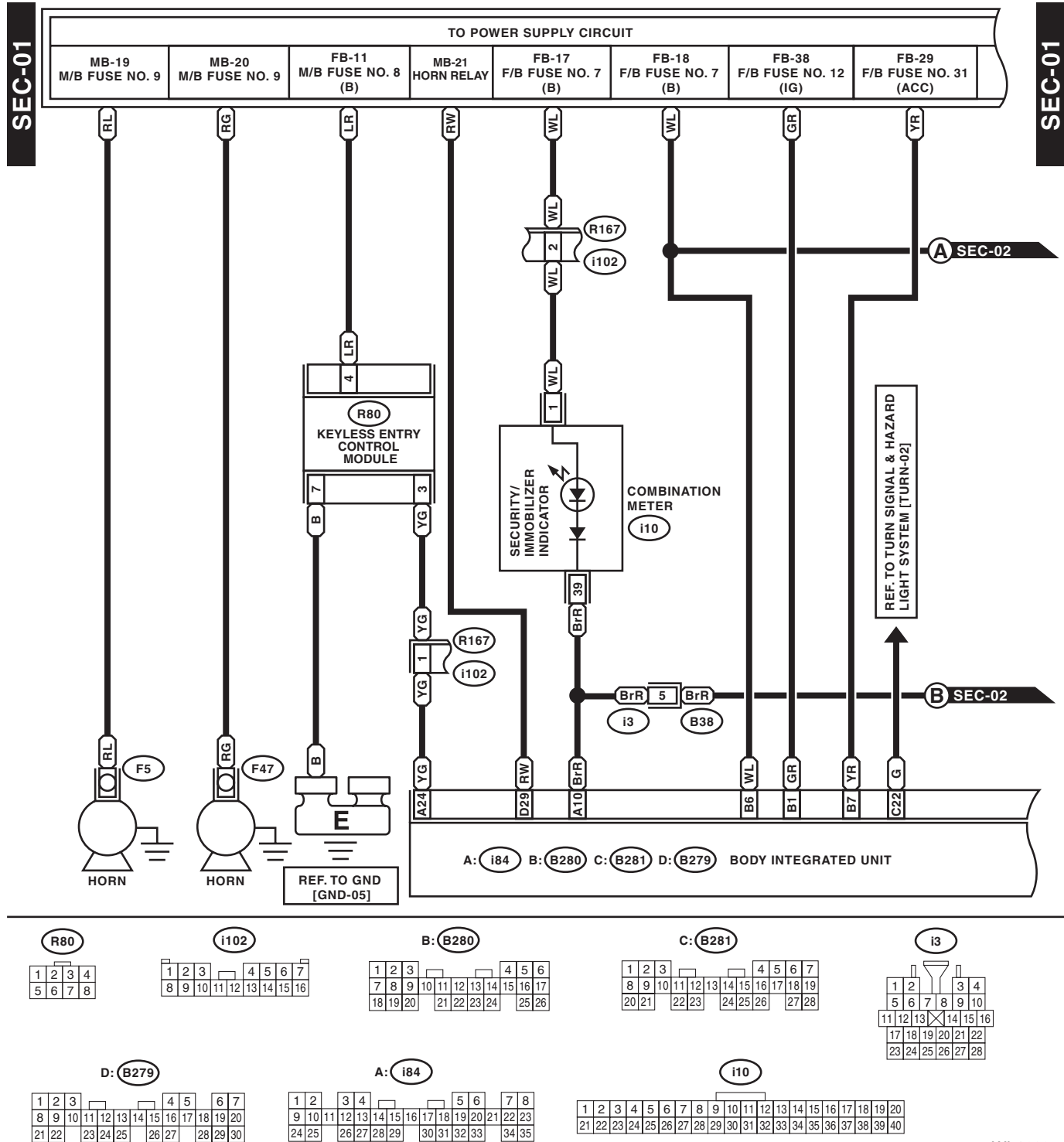
A: WIRING DIAGRAM



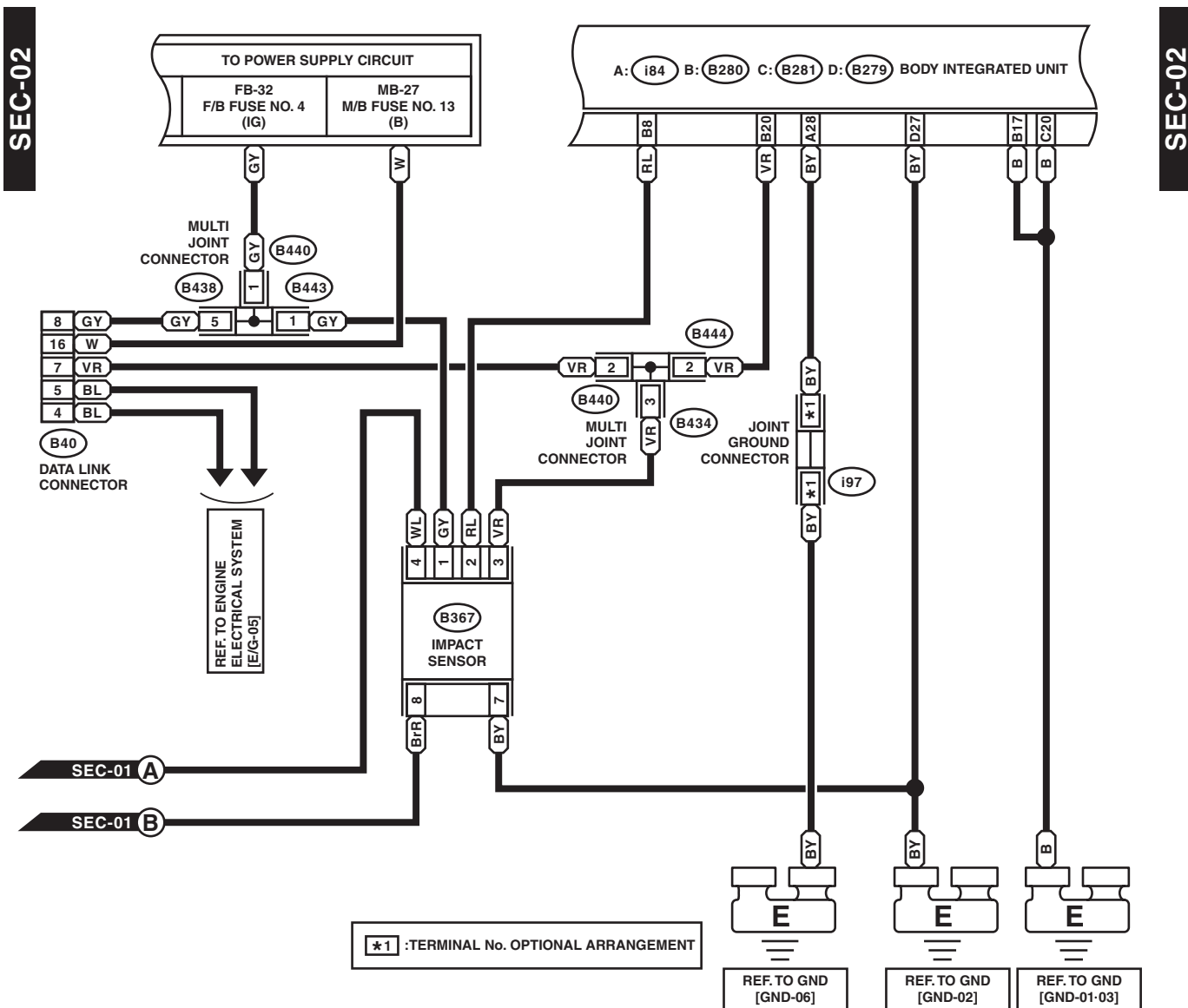
WI-22729

44.Security System

A: WIRING DIAGRAM



WI-16985



(PINK) (B434) (B443) (RED)

(GRAY) (B438) (B444) (LIGHT GREEN)

(ORANGE) (B440)

1 2 3 4 5

(B367)

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

(B40) (BLACK)

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

B: (B280)

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

C: (B281)

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: (B279)

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

A: i84

1 2 3 4 5 6 7 8

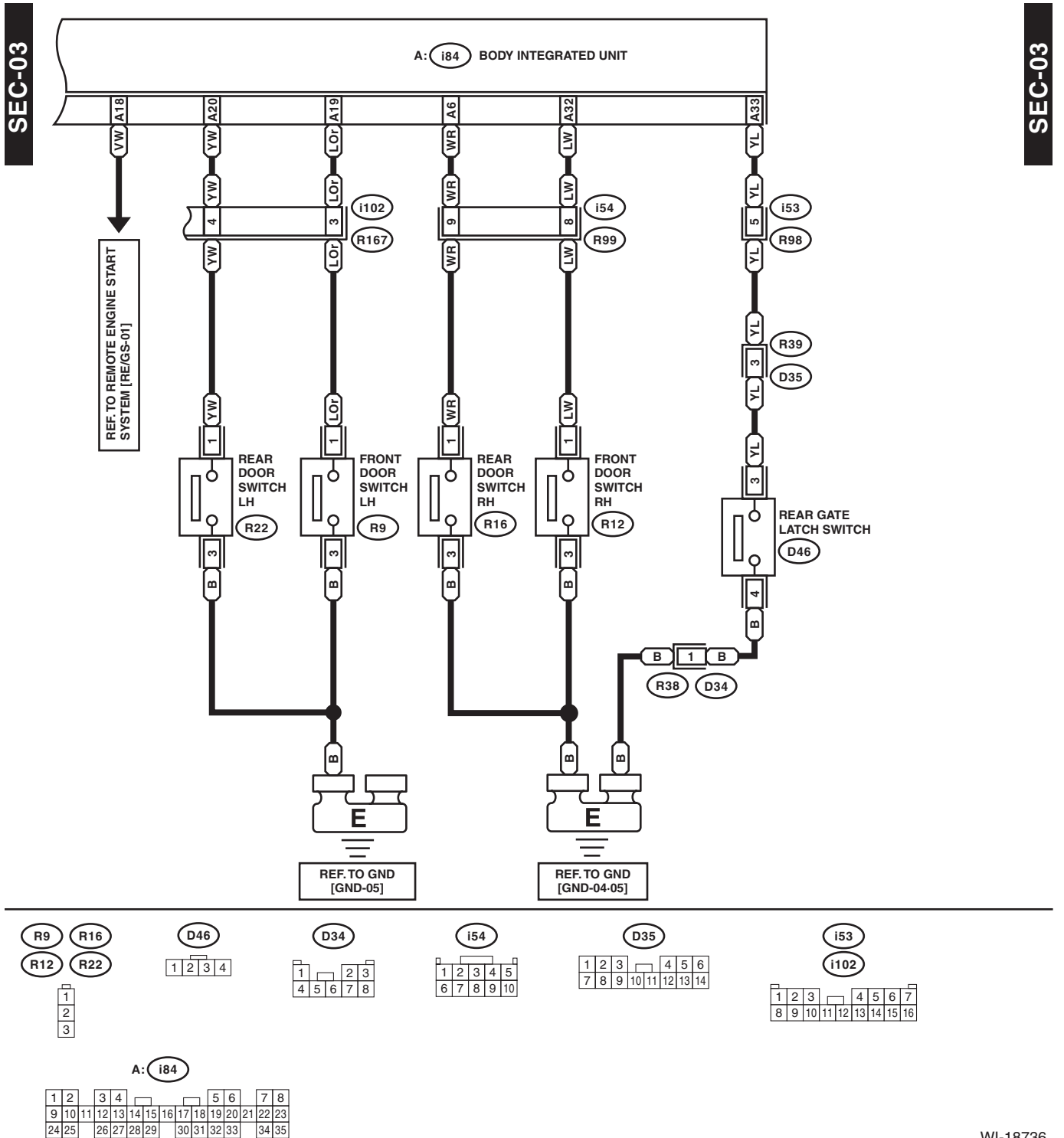
9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

24 25 26 27 28 29 30 31 32 33 34 35

WI-18634

Security System

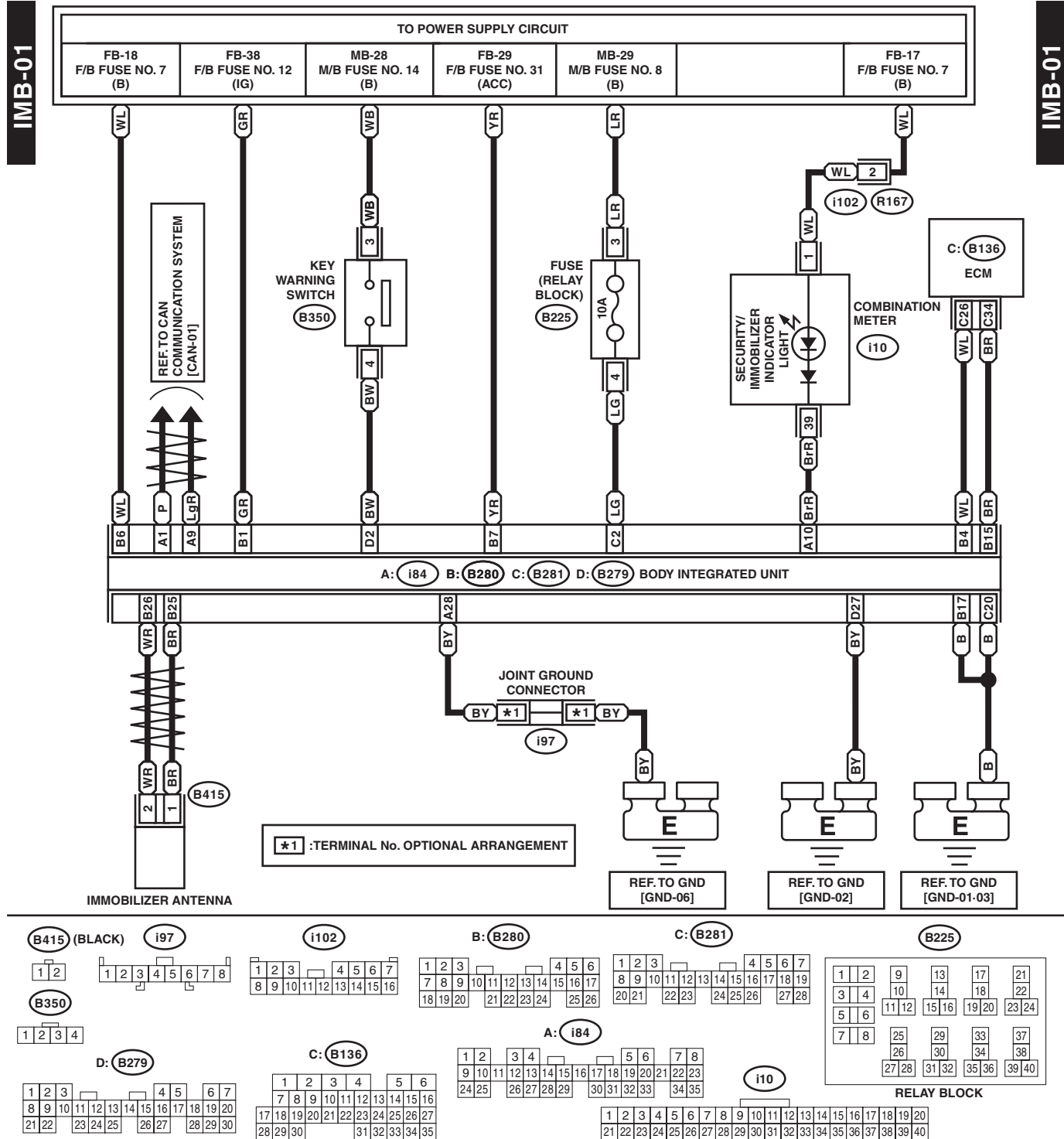
WIRING SYSTEM



WI-18736

45. Immobilizer System

A: WIRING DIAGRAM

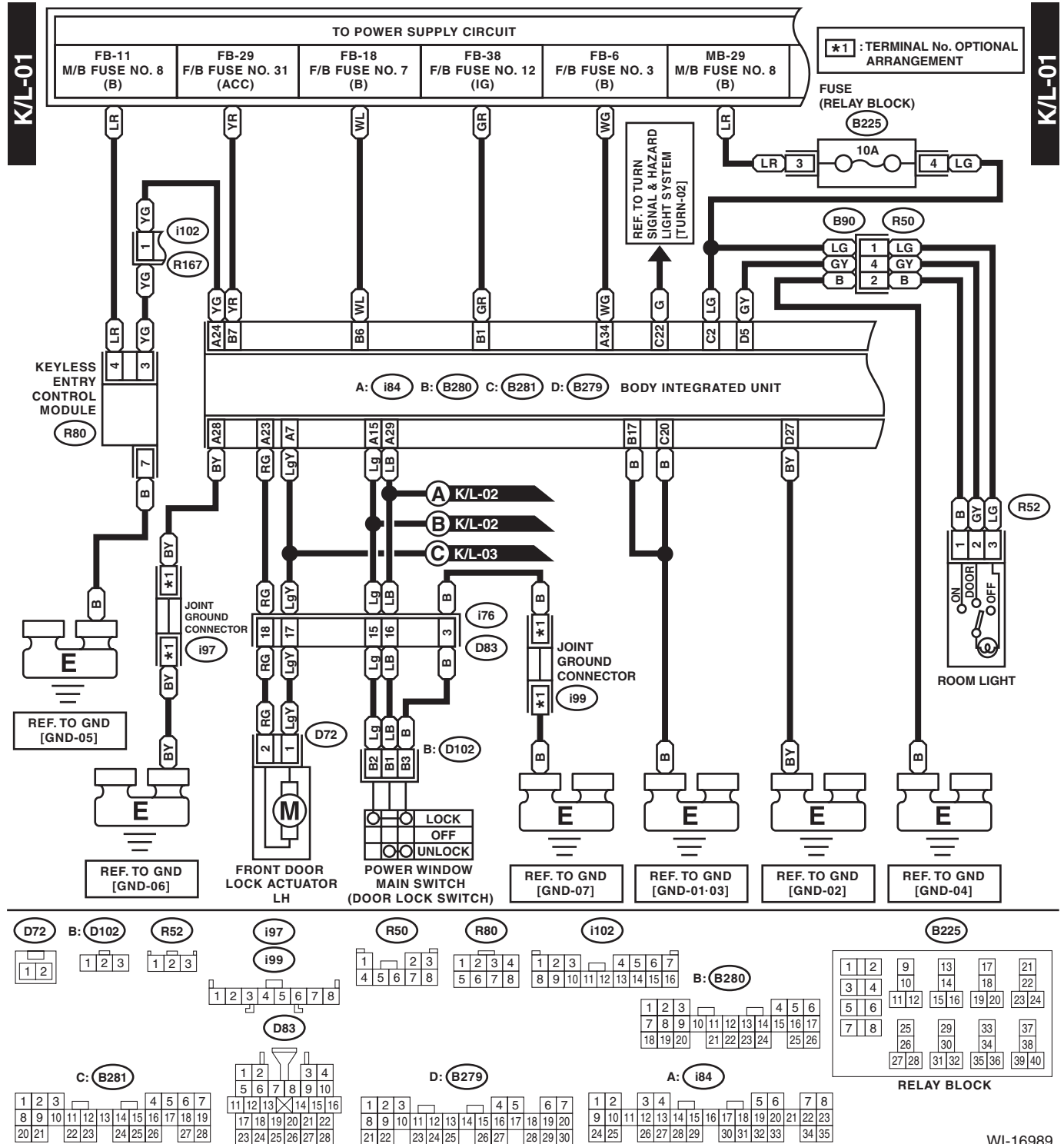


Keyless Entry System

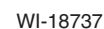
WIRING SYSTEM

46. Keyless Entry System

A: WIRING DIAGRAM

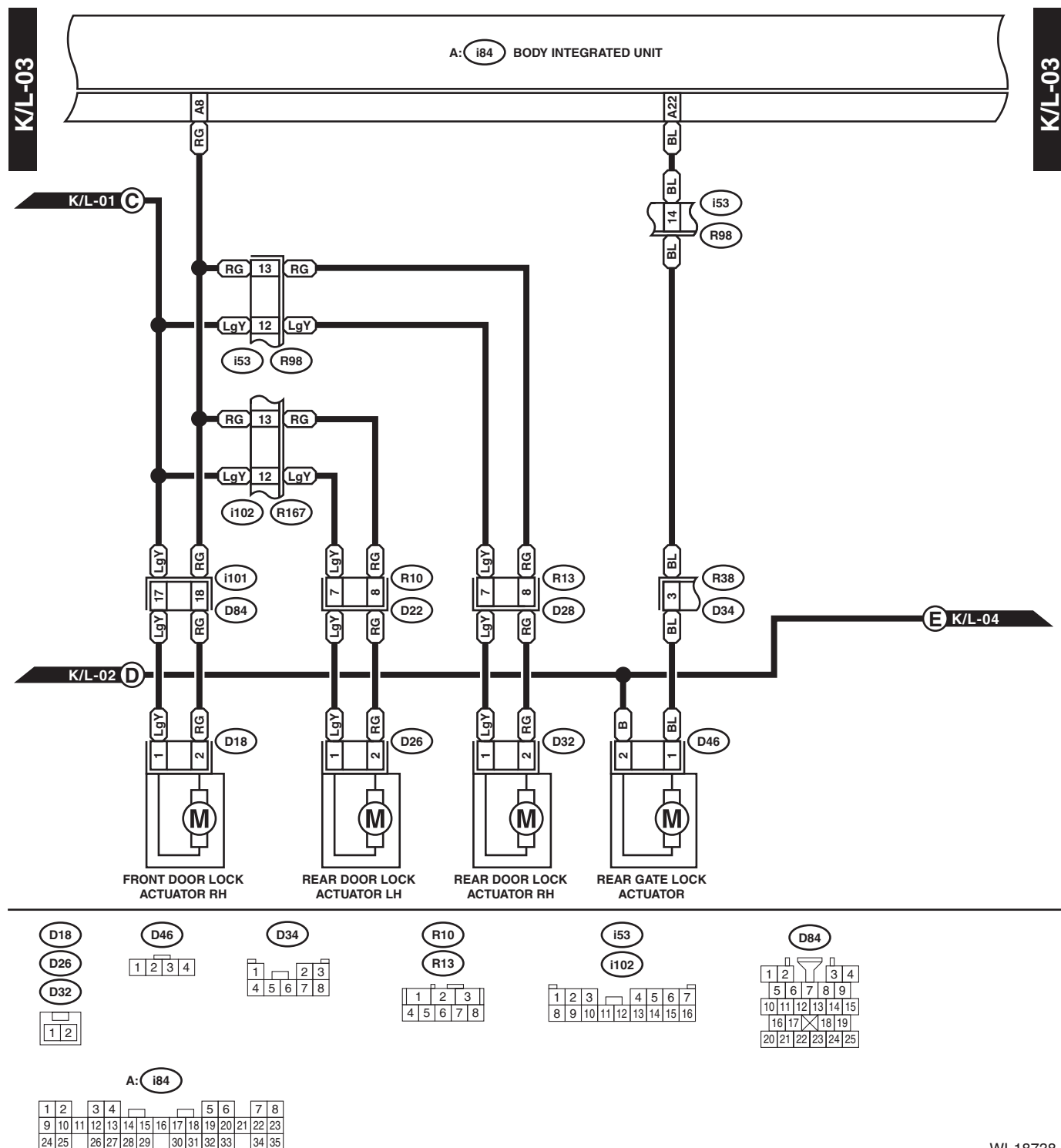


WIRING SYSTEM



Keyless Entry System

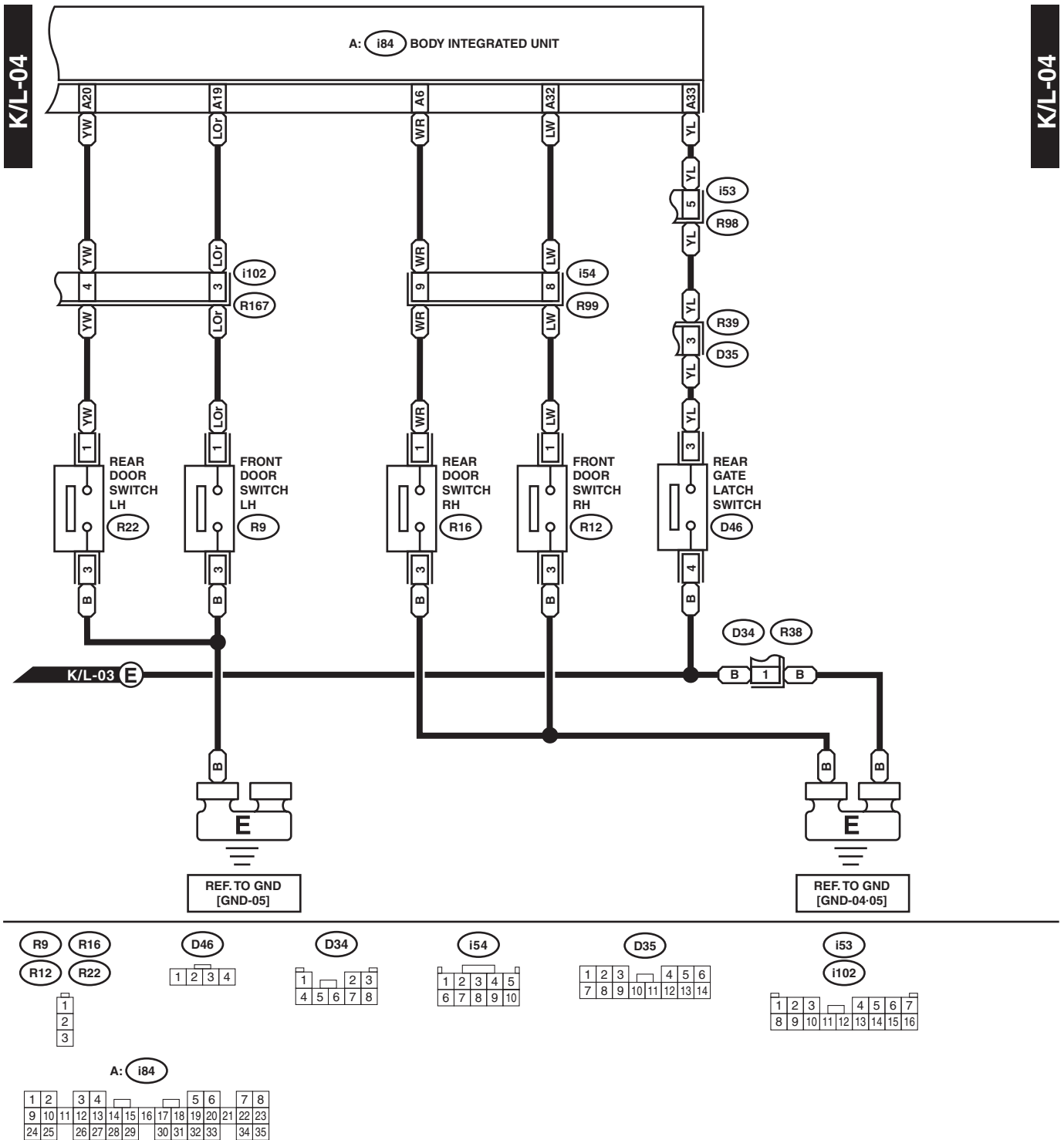
WIRING SYSTEM



WI-18738

Keyless Entry System

WIRING SYSTEM



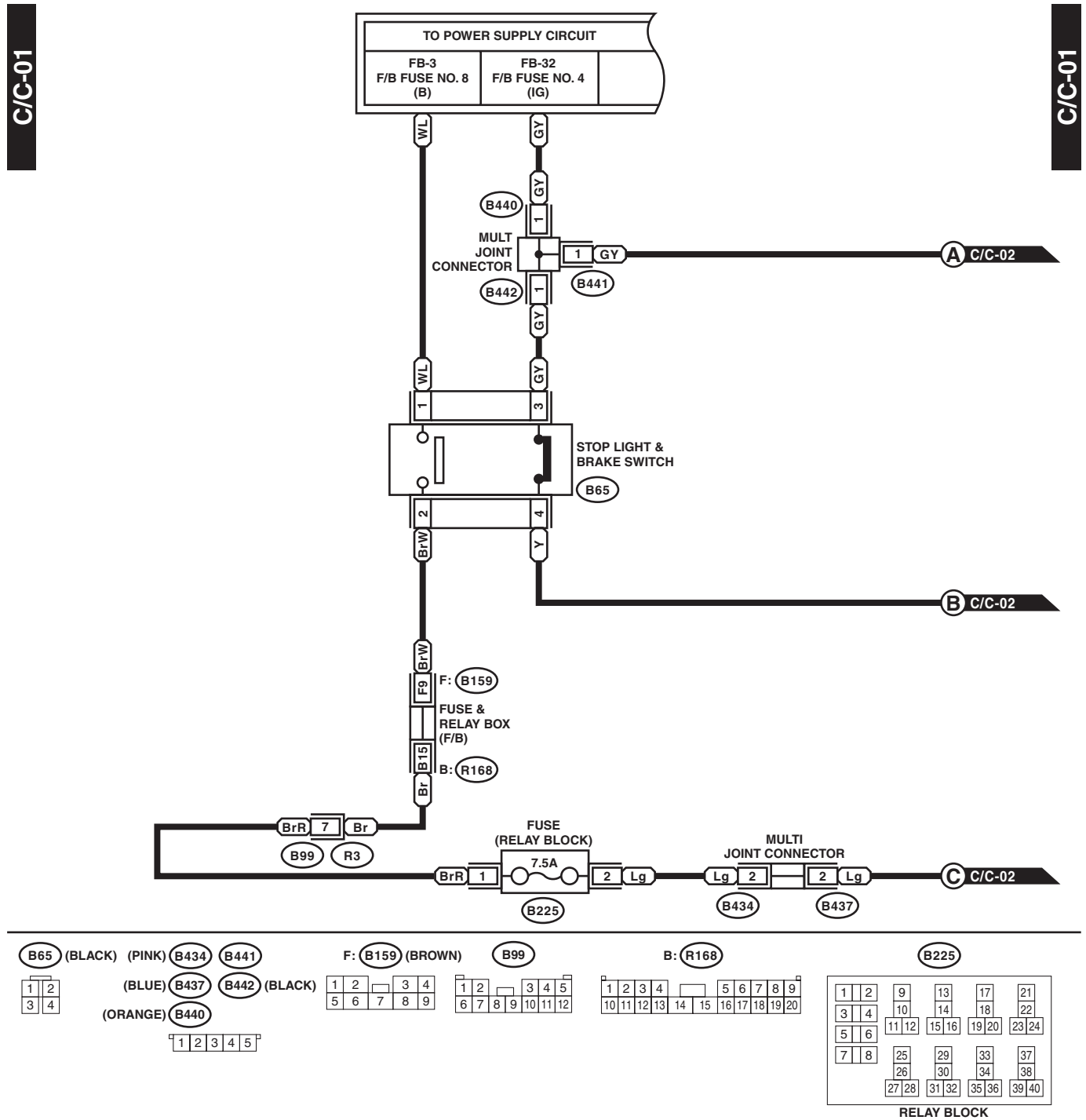
WI-18739

Cruise Control System

WIRING SYSTEM

47.Cruise Control System

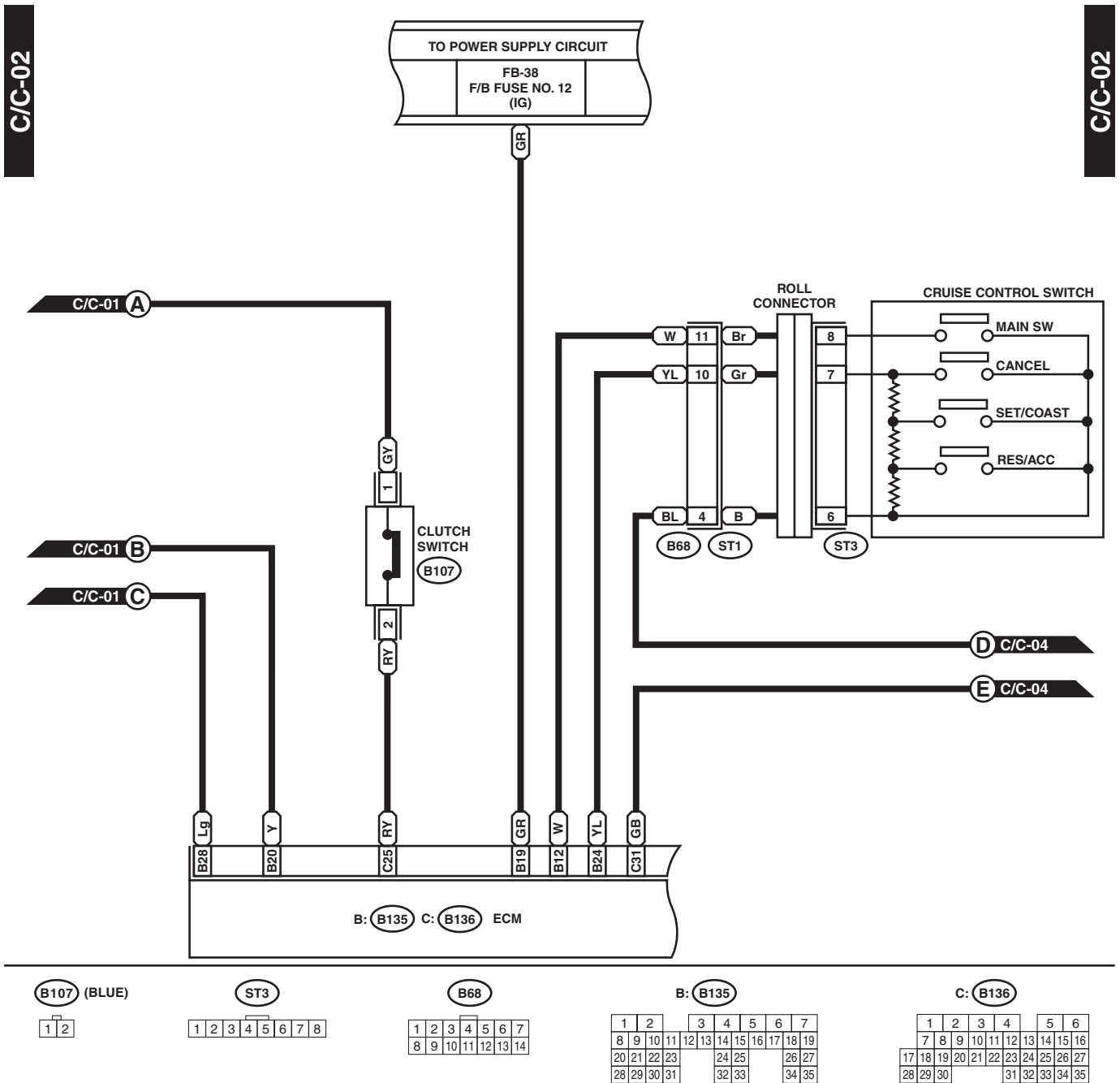
A: WIRING DIAGRAM



WI-18740

Cruise Control System

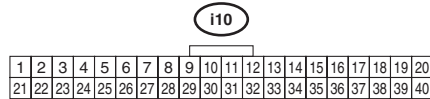
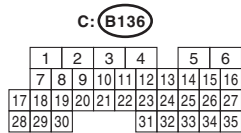
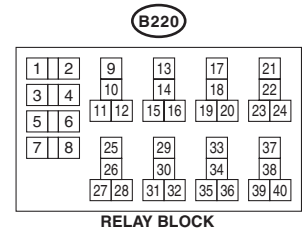
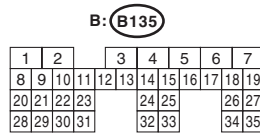
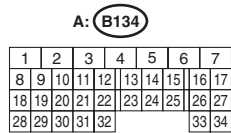
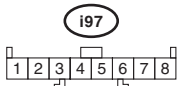
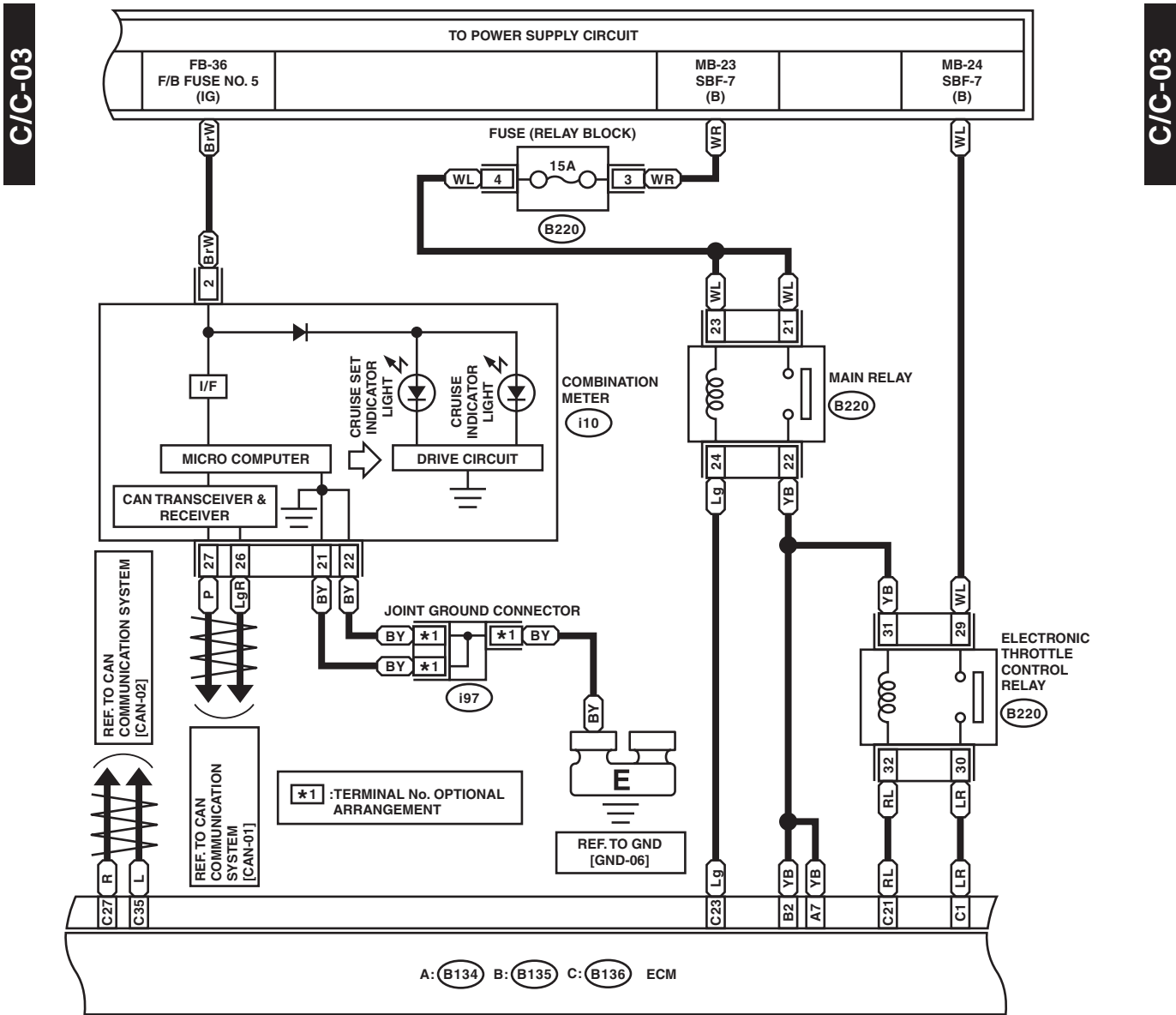
WIRING SYSTEM



WI-18741

Cruise Control System

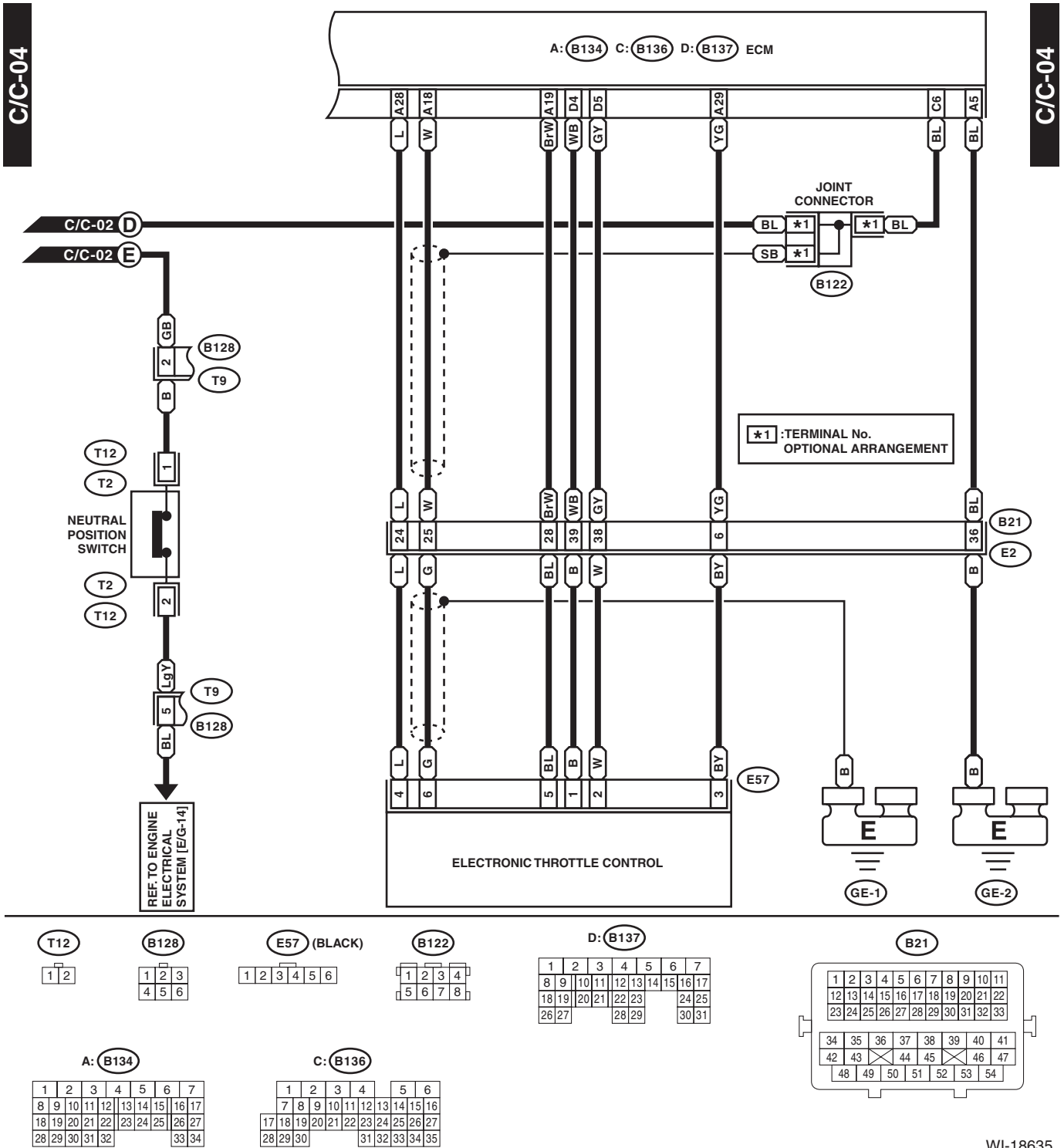
WIRING SYSTEM



WI-18742

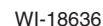
Cruise Control System

WIRING SYSTEM

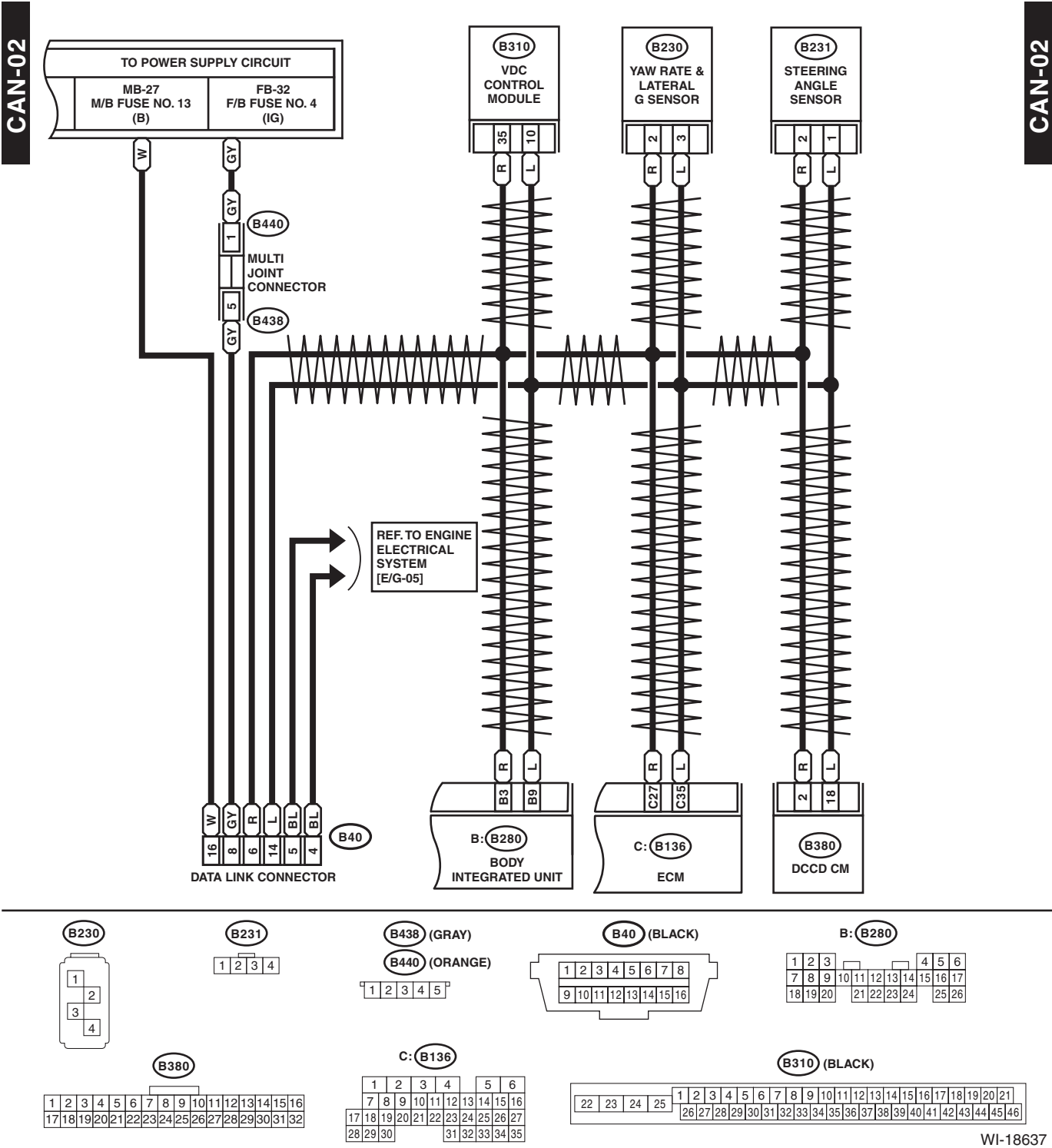


A: WIRING DIAGRAM

1. LOW-SPEED CAN



2. HIGH-SPEED CAN

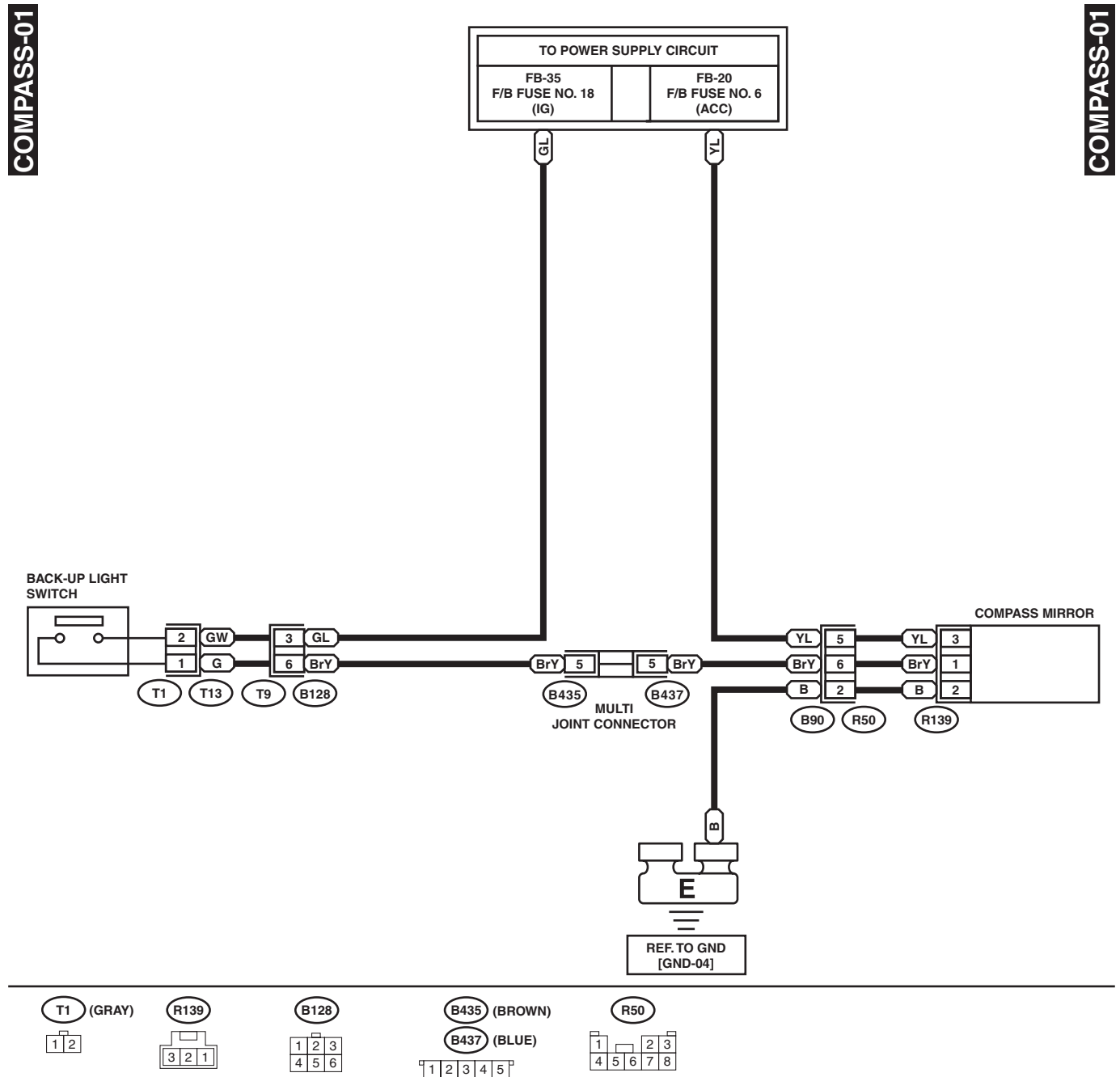


Compass Mirror System

WIRING SYSTEM

49. Compass Mirror System

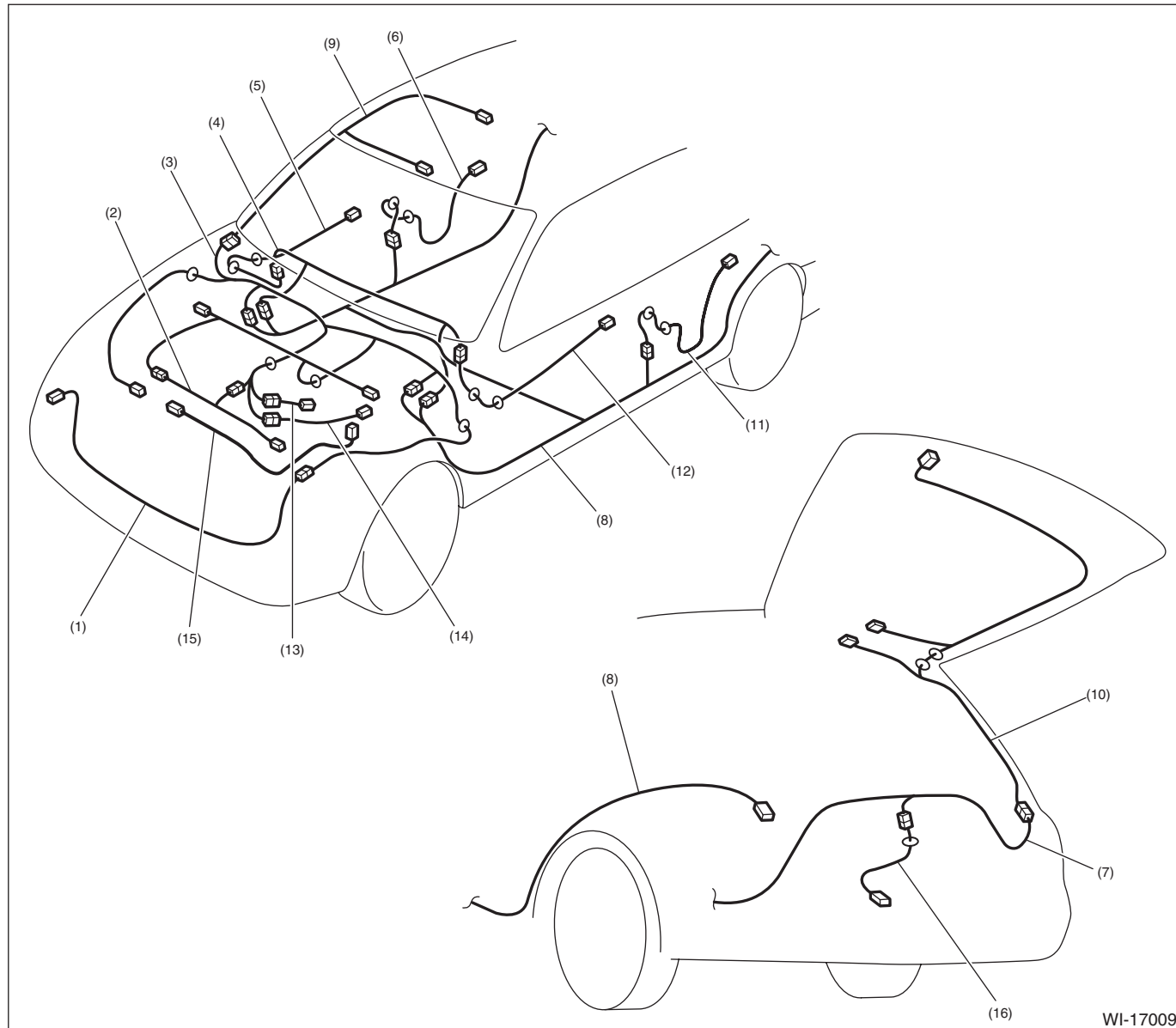
A: WIRING DIAGRAM



WI-18638

50.Harness Components Location

A: LOCATION



WI-17009

- | | | |
|-------------------------------------|----------------------------|------------------------------|
| (1) Front wiring harness | (7) Rear wiring harness RH | (12) Front door cord LH |
| (2) Engine wiring harness | (8) Rear wiring harness LH | (13) Transmission cord |
| (3) Bulkhead wiring harness | (9) Roof cord | (14) Rear oxygen sensor cord |
| (4) Instrument panel wiring harness | (10) Rear gate cord | (15) Generator cord |
| (5) Front door cord RH | (11) Rear door cord LH | (16) Fuel cord |
| (6) Rear door cord RH | | |

Front Wiring Harness

WIRING SYSTEM

51.Front Wiring Harness

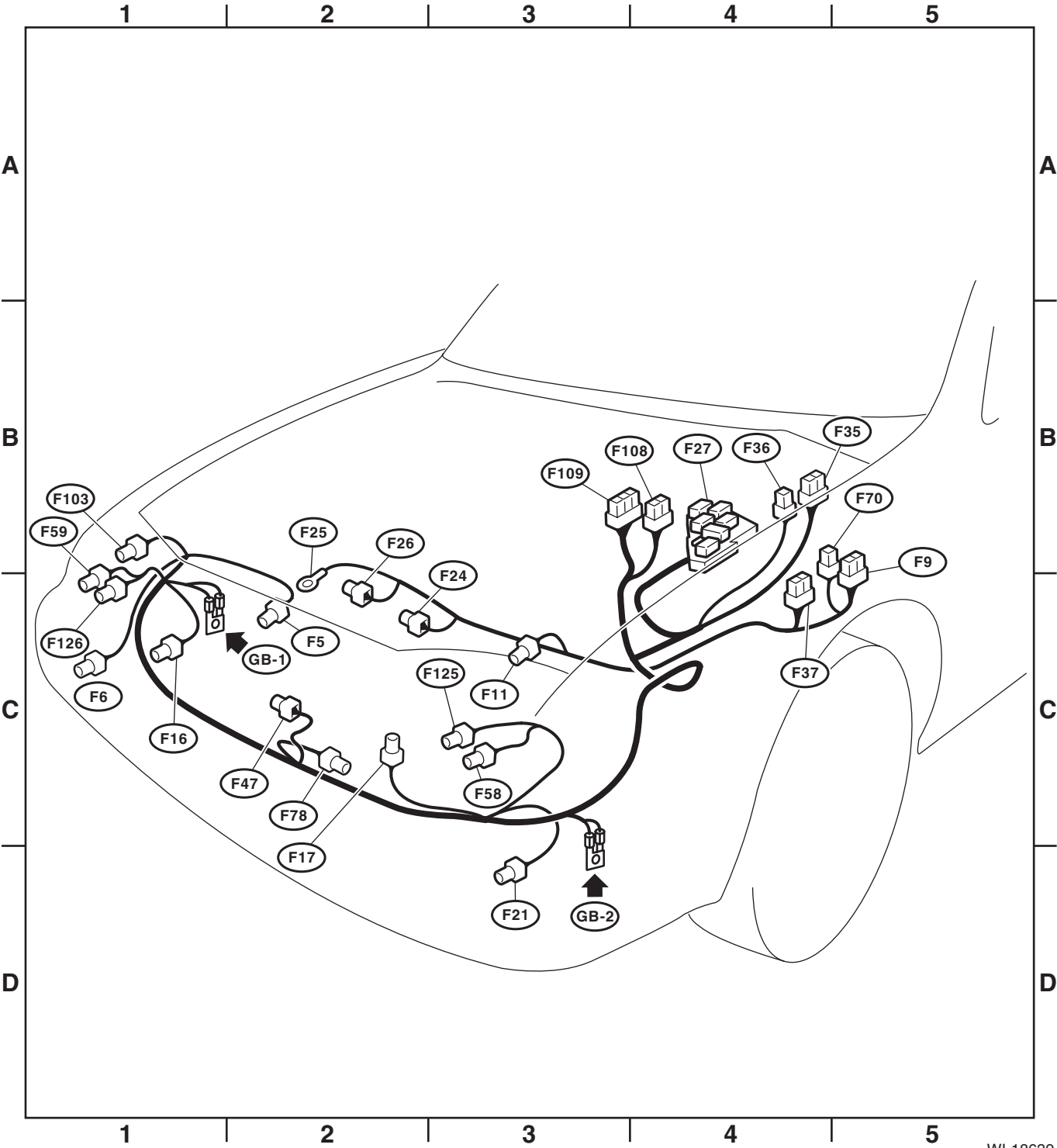
A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
F5	1	Black	C-2		Horn
F6	2	★	C-1		Front fog light RH
F9	16	★	B-5		Secondary air relay holder
F11	2	★	C-3		Secondary air pump
F16	2	★	C-1		Sub fan motor
F17	2	★	C-2		Main fan motor
F21	2	★	D-3		Front fog light LH
F24	1	★	C-2		Magnet clutch
F25	1	★	C-2		Generator terminal B
F26	3	★	C-2		Generator
F27	22	★	B-4		Relay holder
F35	12	Blue	B-4		Main fuse box (M/B)
F36	7	★	B-4		
F37	20	★	C-4		
F47	1	Black	C-2		Horn
F58	3	Gray	C-3		Headlight leveler LH
F59	3	Gray	C-1		Headlight leveler RH
F70	2	★	B-4		Main fuse box (M/B)
F78	2	★	C-2		Ambient sensor
F103	2	★	B-1		Daytime running light register
F108	18	★	B-4	B361	Through joint connector
F109	24	★	B-3	B360	
F125	8	Gray	C-3		Headlight & front clearance light LH
F126	8	Gray	C-1		Headlight & front clearance light RH

★ : White or natural color

Front Wiring Harness

WIRING SYSTEM



WI-18639

Bulkhead Wiring Harness (In Engine Compartment)

WIRING SYSTEM

52.Bulkhead Wiring Harness (In Engine Compartment)

A: LOCATION

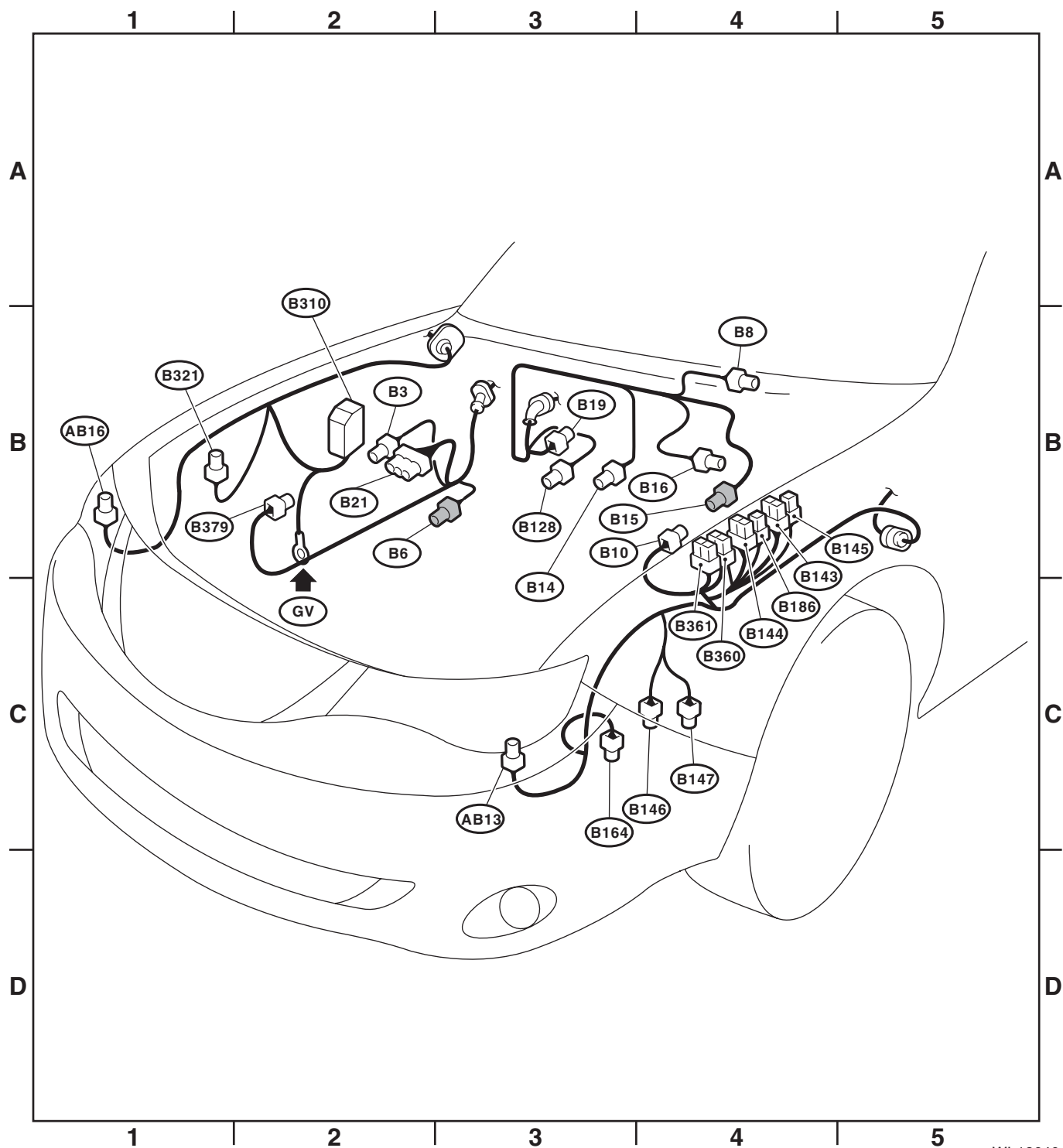
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B3	5	★	B-2		Mass air flow and intake air temperature sensor
B6	2	Gray	B-2		Front ABS wheel speed sensor RH
B8	5	★	B-4		Front wiper motor
B10	4	★	B-4		Pressure switch
B14	1	Black	B-3		Starter motor
B15	2	Gray	B-4		Front ABS wheel speed sensor LH
B16	2	Gray	B-4		Brake fluid level switch
B19	4	★	B-3	T5	Rear oxygen sensor cord
B21	54	★	B-2	E2	Engine wiring harness
B128	6	★	B-3	T9	Transmission cord
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
B164	2	Black	C-3		Keyless buzzer
B186	8	★	B-4		Main fuse box (M/B)
B310	46	Black	B-2		VDC control module
B321	2	★	B-1		Hood switch
B360	16	Gray	B-4	F109	Through joint connector
B361	14	★	B-4	F108	
B379	4	★	B-2		Front oxygen (A/F) sensor

★ : White or natural color

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

Bulkhead Wiring Harness (In Engine Compartment)

WIRING SYSTEM



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Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM

53.Bulkhead Wiring Harness (In Compartment)

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B31	6	★	C-1	AB1	Airbag wiring harness
B32	8	★	C-2		Turn signal and hazard unit
B36	28	★	B-4	i1	Instrument panel wiring harness
B38	28	★	B-2	i3	
B40	16	Black	C-2		Data link connector
B41	2	★	B-2		Power window circuit breaker
B52	24	★	B-2		Fuse & relay box (F/B)
B53	20	★	C-3		Joint connector
B57	4	★	B-3		Power transistor
B65	4	★	C-2		Stop light & brake switch
B68	14	★	C-2		Roll connector
B70	18	★	C-2		Combination switch
B71	17	★	C-2		
B72	6	★	C-2		Ignition switch
B75	2	Green	B-4	B76	Delivery (test) mode connector
B76	2	Green	B-4	B75	
B77	6	★	C-3		Mode door actuator
B83	8	★	C-4		Joint connector
B87	2	★	B-4		Blower motor
B88	2	Brown	B-3		Evaporator sensor
B90	8	★	B-5	R50	Roof cord
B92	20	★	C-1	R5	Rear wiring harness
B97	12	★	C-5	R1	
B98	20	★	C-5	R2	
B99	12	★	C-1	R3	
B106	2	★	C-2		Clutch switch
B107	2	Blue	C-2		
B122	8	★	C-4		Joint connector
B134	34	★	C-4		ECM
B135	35	★	C-4		
B136	35	★	C-4		
B137	31	★	C-4		
B138	8	★	C-4		Joint connector
B152	10	Gray	B-2		Fuse & relay box (F/B)
B158	8	★	B-2		
B159	9	Brown	B-2		
B162	2	★	B-2		
B163	6	★	C-4		Intake door actuator
B177	2	★	B-5		Wiper deicer
B220	40	★	B-4		Fuse (Relay block)
					A/F, Oxygen sensor relay
					Fuel pump relay
					IG relay
					Main relay
					Electronic throttle control relay
B224	2	★	C-2		Key illumination

Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM

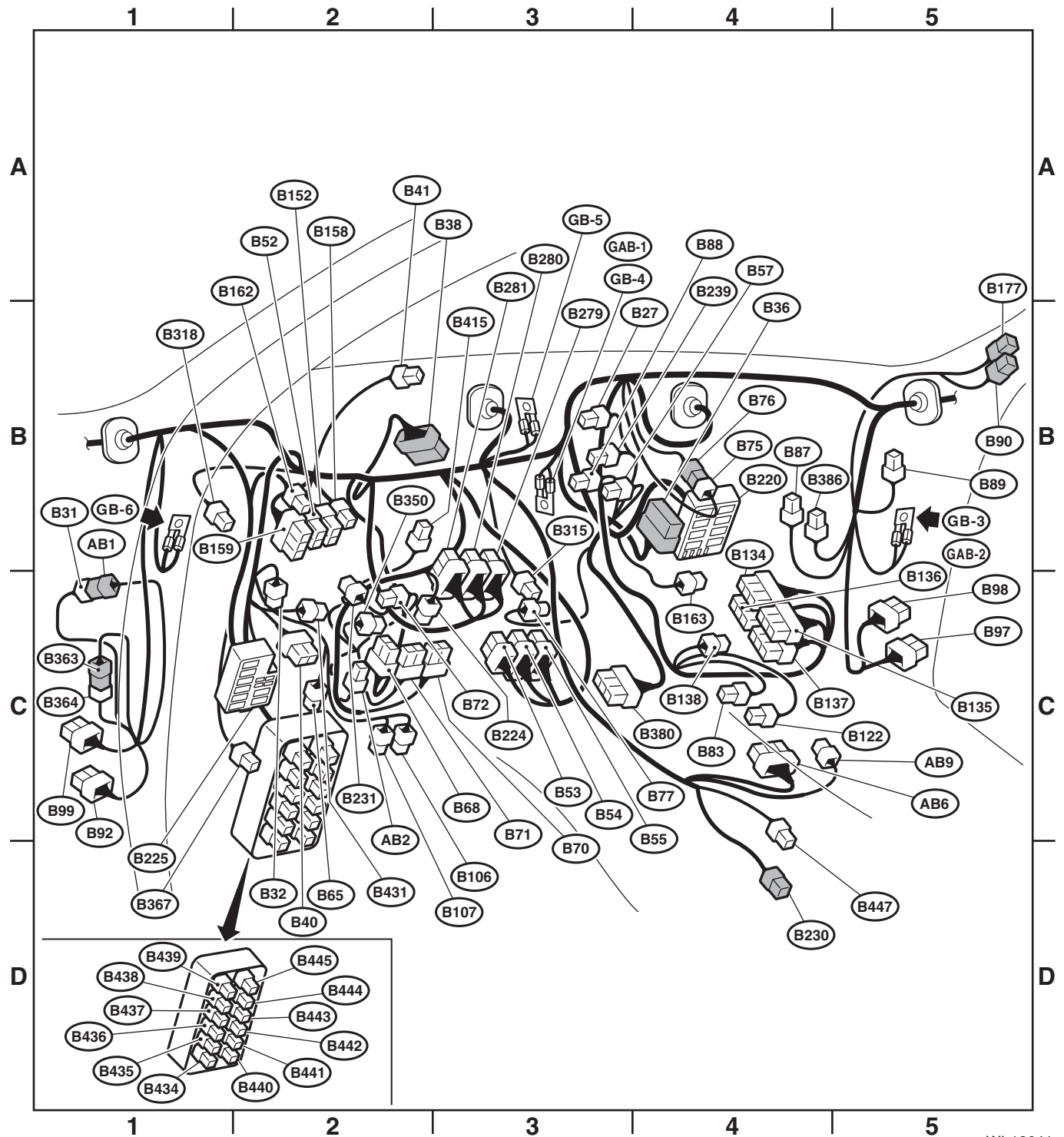
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B225	40	★	C-2		Fuse (Relay block)
					Starter relay
					Front fog light relay
					Power window relay
					Wiper deicer relay
					Tail & Illumination relay
					Seat heater relay
B230	4	★	D-4		Yaw rate & lateral G sensor
B231	4	★	C-2		Steering angle sensor
B239	6	★	B-3		Air mix door actuator
B279	30	★	B-3		Body integrated unit
B280	26	★	B-3		
B281	28	★	B-3		
B315	6	★	C-3		Acceleration pedal position sensor
B318	4	★	B-1		VDC mode change switch
B350	4	★	C-2		Key warning switch & key lock solenoid
B363	2	Green	C-1	B364	Test mode sub connector
B364	2	Green	C-1	B363	
B367	8	★	C-2		Impact sensor
B380	32	★	C-3		DCCD CM
B386	7	★	B-4		Blower motor relay
B415	2	Black	B-2		Immobilizer antenna
B431	2	★	C-2		Foot light LH
B434	5	Pink	D-1		Multi joint connector
B435	5	Brown	D-1		
B436	5	Yellow	D-1		
B437	5	Blue	D-1		
B438	5	Gray	D-1		
B439	5	Green	D-1		
B440	5	Orange	D-1		
B441	5	★	D-1		
B442	5	Black	D-2		
B443	5	Red	D-2		
B444	5	Yellow green	D-2		
B445	5	Violet	D-2		
B447	2	★	D-4		STI illumination

★ : White or natural color

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB1	6	Yellow	C-1	B31	Bulkhead wiring harness
AB2	4	Yellow	C-2	AB7	Driver's airbag module
AB6	30	Yellow	C-4		Airbag control module
AB9	4	Yellow	C-4		Passenger's airbag module

Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM



WI-18641

54.Engine Wiring Harness and Transmission Cord

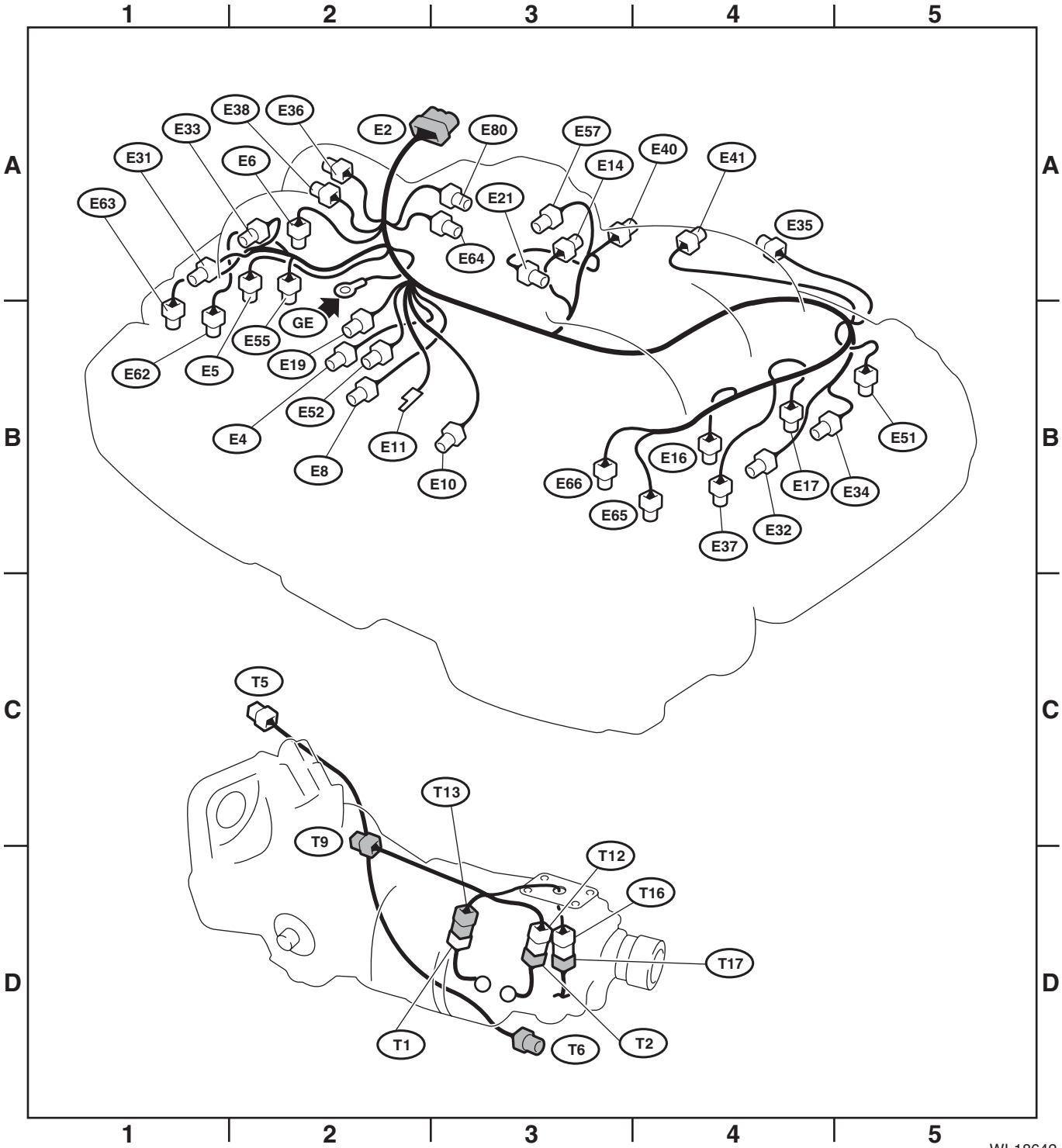
A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E2	54	Black	A-2	B21	Bulkhead wiring harness
E4	2	Black	B-2		Purge control solenoid valve 1
E5	2	Dark gray	A-2		Fuel injector No. 1
E6	2	Dark gray	A-2		Fuel injector No. 3
E8	2	Black	B-2		Engine coolant temperature sensor
E10	2	Light gray	B-3		Crankshaft position sensor
E11	1	—	B-2		Oil pressure switch
E14	2	Light gray	A-3		Knock sensor
E16	2	Dark gray	B-4		Fuel injector No. 2
E17	2	Dark gray	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	★	A-1		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-5		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	A-2		Intake oil flow control solenoid valve RH
E40	2	Black	A-4		Secondary air combination valve LH
E41	6	Black	A-4		Secondary air combination valve RH
E51	5	Light gray	B-5		Tumble generator valve ASSY LH
E52	2	Black	B-2		Purge control solenoid valve 2
E55	5	Light gray	B-2		Tumble generator valve ASSY RH
E57	6	Black	A-3		Electronic throttle control
E62	3	Light gray	B-1		Exhaust cam position sensor RH
E63	2	Blue	A-1		Exhaust oil flow control solenoid valve RH
E64	2	Blue	A-3		Wastegate control solenoid valve
E65	3	Light gray	B-4		Exhaust cam position sensor LH
E66	2	Blue	B-3		Exhaust oil flow control solenoid valve LH
E80	2	Dark gray	B-2		Leak diagnosis connector
★ : White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T1	2	Gray	D-2	T13	Transmission cord
T2	2	Brown	D-2	T12	
T5	4	Green	C-1	B19	Bulkhead wiring harness
T6	4	Dark gray	D-2		Rear oxygen sensor
T9	6	Gray	C-1	B128	Bulkhead wiring harness
T12	2	Brown	D-2	T2	Neutral position switch
T13	2	Gray	D-2	T1	Back-up light switch
T16	2	★	D-2	T17	Center differential wiring harness
T17	2	★	D-2	T16	Transmission cord
★ : White or natural color					

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM



WI-18642

55. Instrument Panel Wiring Harness

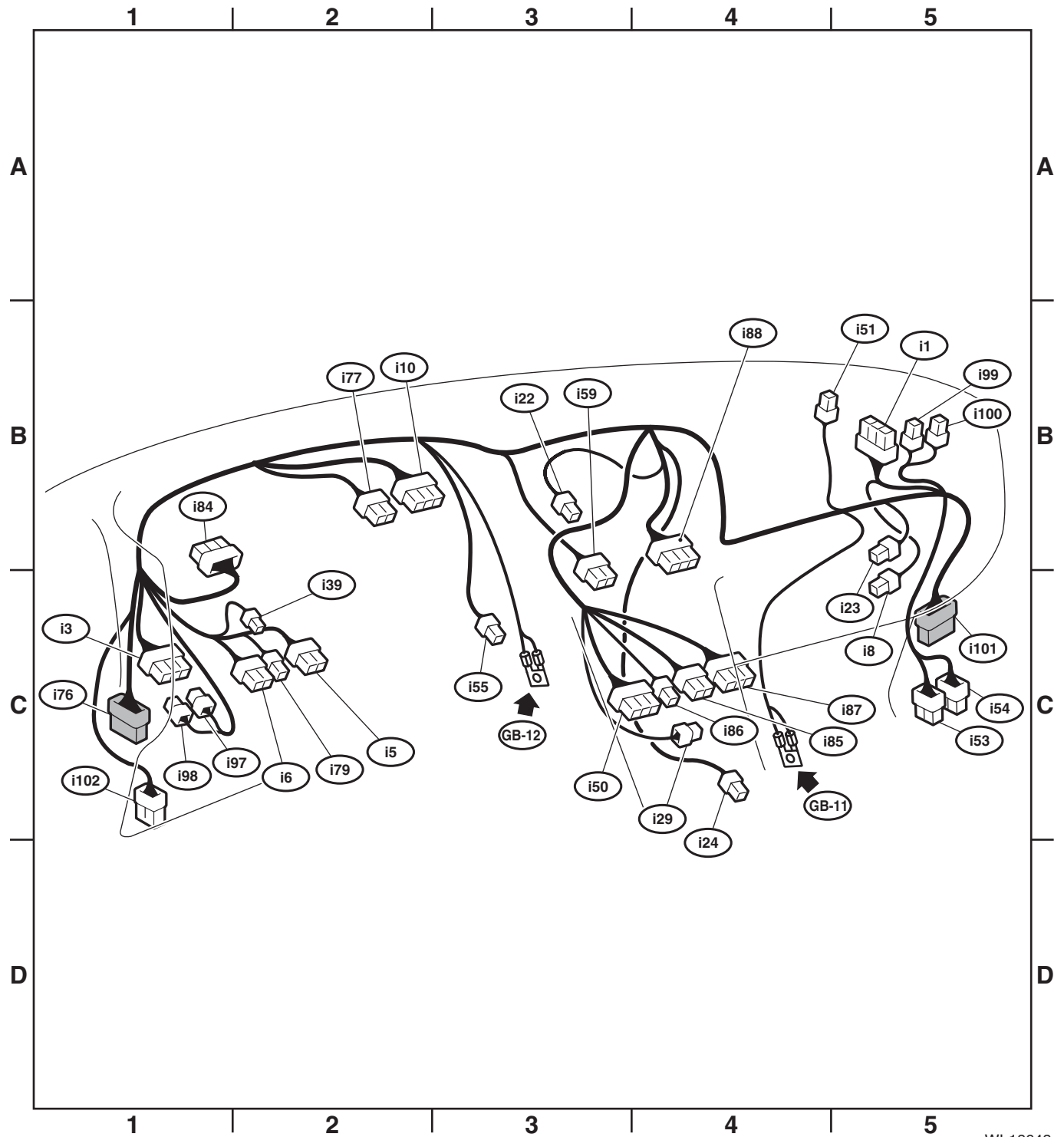
A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
i1	28	★	B-5	B36	Bulkhead wiring harness
i3	28	★	C-1	B38	
i5	20	★	C-2		Fuse & relay box (F/B)
i6	10	★	C-2		Remote control mirror switch
i8	2	★	C-5		Foot light LH
i10	40	★	B-2		Combination meter
i22	4	★	B-3		Hazard switch
i23	2	★	B-5		Glove box light
i24	4	★	C-4	AD1	Front accessory power supply socket
i29	1	★	C-4		Audio bracket ground
i39	8	★	C-2		Headlight beam leveler switch
i50	24	★	C-4		Navigation module
i51	2	★	B-4		Sunload sensor
i53	16	★	C-5	R98	Rear wiring harness RH
i54	10	★	C-5	R99	Rear wiring harness RH
i55	2	★	C-3		In-vehicle sensor
i59	10	★	C-3		Clock
i76	28	★	C-1	D83	Front door cord LH
i77	10	★	B-2		CAN joint connector
i79	6	★	C-2		Illumination control module
i84	35	★	B-1		Body integrated unit
i85	20	★	C-4		Audio (models without navigation system)
i86	8	Black	C-4		Audio (models without navigation system, models with AUX)
i87	14	★	C-4		Audio (models with navigation system)
i88	40	★	B-4		A/C control panel
i97	8	★	C-1		Joint ground connector
i98	8	★	C-1		
i99	8	★	B-5		
i100	8	★	B-5		
i101	25	★	C-5	D84	Front door cord RH
i102	16	★	C-1	R167	Rear wiring harness LH

★ White or natural color

Instrument Panel Wiring Harness

WIRING SYSTEM



WI-18643

56.Rear Wiring Harness

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R1	12	★	B-1	B97	Bulkhead wiring harness
R2	20	★	B-1	B98	
R3	12	★	C-3	B99	
R4	1	★	C-3		Parking brake switch
R5	20	★	C-3		Bulkhead wiring harness
R9	3	★	C-4		Front door switch LH
R10	8	★	C-4	D22	Rear door cord LH
R12	3	★	B-2		Front door switch RH
R13	8	★	B-2	D28	Rear door cord RH
R15	12	★	B-4	R57	Fuel cord
R16	3	★	A-3		Rear door switch RH
R33	10	★	C-2		Multi select switch
R34	20	★	C-3	AD6	Adapter cord
R41	4	★	C-3		Seat heater LH
R44	4	★	B-3		Seat heater RH
R47	3	Black	B-4		Fuel tank pressure sensor
R50	8	★	B-1	B90	Bulkhead wiring harness
R52	3	★	A-3		Room light
R56	2	★	B-2		Spot map light
R57	12	★	B-4	R15	Rear wiring harness
R58	6	★	B-4		Fuel pump assembly (Fuel pump)
R59	2	★	B-5		Fuel sub level sensor
R68	2	Dark gray	B-4		Pressure control solenoid valve
R72	2	★	B-4		Rear ABS wheel speed sensor RH
R73	2	★	B-4		Rear ABS wheel speed sensor LH
R81	12	★	C-3	R82	Rear wiring harness RH
R82	12	Black	B-3	R81	Rear wiring harness LH
R98	16	★	B-1	i53	Instrument panel wiring harness
R99	10	★	B-1	i54	
R107	4	★	C-3		Seat belt switch LH
R139	3	★	B-3		Compass mirror
R167	16	★	C-3	i102	Instrument panel wiring harness
R168	20	★	C-3		Fuse & relay box (F/B)
R211	6	★	B-4		TPM control module

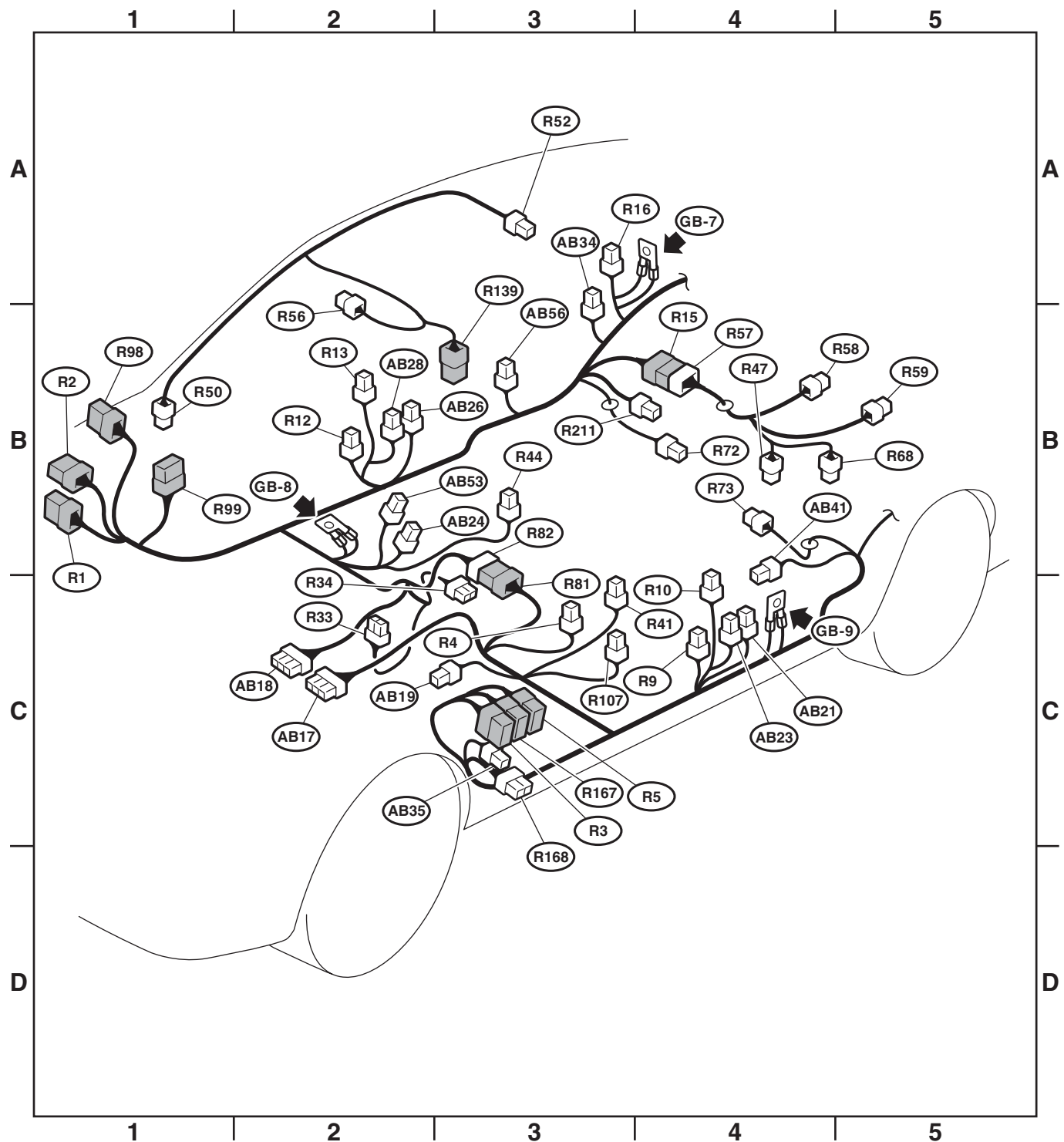
★ : White or natural color

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB17	24	Yellow	C-2		Airbag control module
AB18	24	Yellow	C-2		
AB19	4	Yellow	C-3		Side airbag module LH
AB21	2	Black	C-4		Pretensioner LH
AB23	4	Yellow	C-4		Side airbag sensor LH
AB24	4	Yellow	B-2		Side airbag module RH
AB26	2	Black	B-2		Pretensioner RH
AB28	4	Yellow	B-2		Side airbag sensor RH

Rear Wiring Harness

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB34	4	Yellow	A-3		Curtain airbag sensor RH
AB35	2	Black	C-3		Fuse & relay box (F/B)
AB41	2	Yellow	B-4		Satellite safing sensor
AB53	6	Gray	B-2		Occupant detection control module
AB56	3	Brown	B-3		Belt tensioner sensor



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57. Door Cord

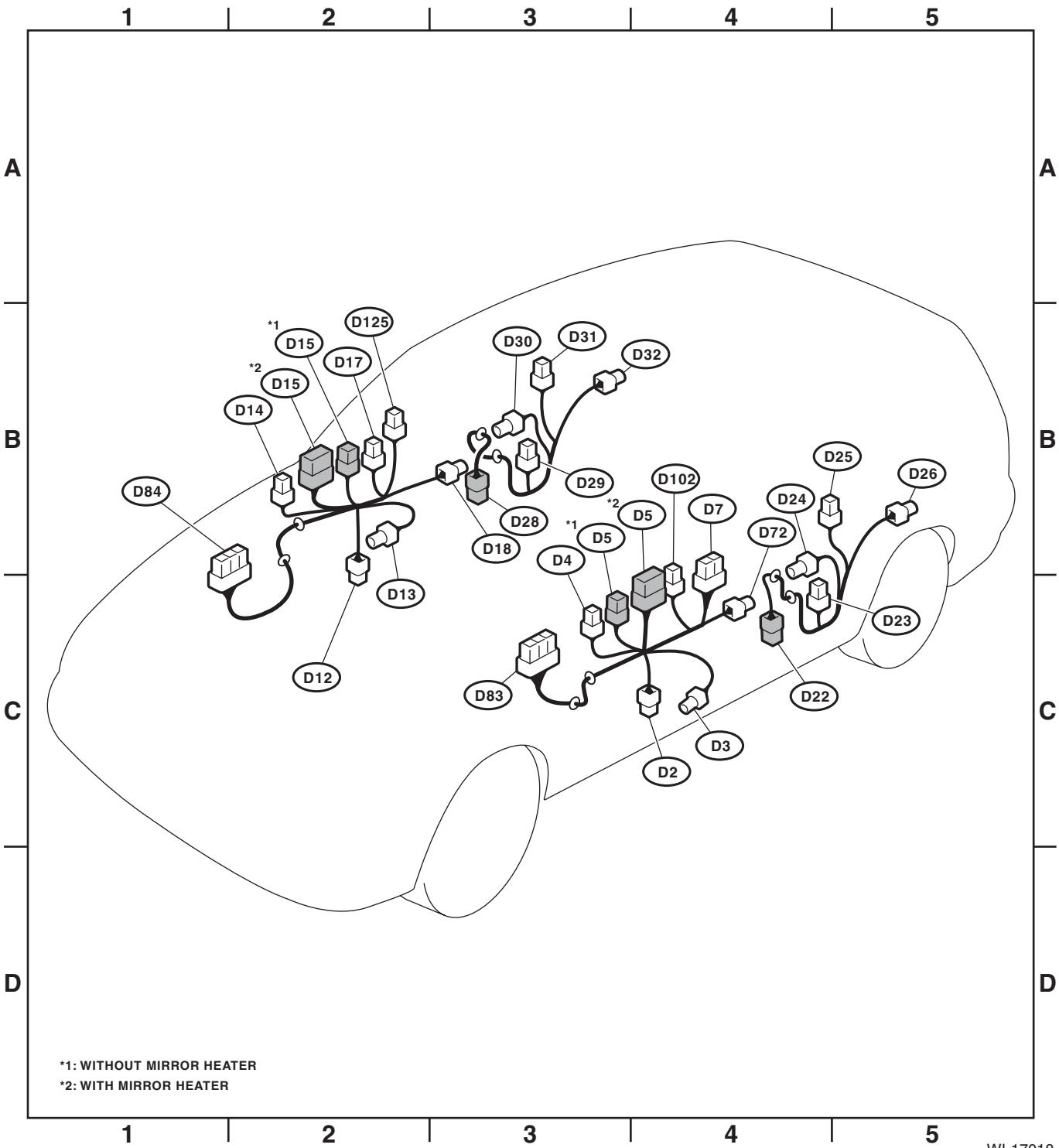
A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
D2	2	★	C-4		Front door speaker LH
D3	6	★	C-4		Front power window motor LH
D4	2	Black	C-3		Front door tweeter LH
D5	8	★	C-3		Outer mirror assembly LH (without mirror heater)
	10	★	C-4		Outer mirror assembly LH (with mirror heater)
D7	16	★	B-4		Power window main switch
D12	2	★	B-2		Front door speaker RH
D13	6	★	B-2		Front power window motor RH
D14	2	Black	B-2		Front door tweeter RH
D15	8	★	B-2		Outer mirror assembly RH (without mirror heater)
	10	★	B-2		Outer mirror assembly RH (with mirror heater)
D17	8	★	B-2		Front power window sub-switch
D18	2	★	B-3		Front door lock actuator RH
D22	8	★	C-4	R10	Rear wiring harness LH
D23	2	★	C-4		Rear door speaker LH
D24	6	★	B-4		Rear power window motor LH
D25	8	★	B-4		Rear power window sub-switch LH
D26	2	★	B-5		Rear door lock actuator LH
D28	8	★	B-3	R13	Rear wiring harness RH
D29	2	★	B-3		Rear door speaker RH
D30	6	★	B-3		Rear power window motor RH
D31	8	★	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
D83	28	★	C-3	i76	Instrument panel wiring harness
D84	25	★	B-2	i101	
D102	3	★	C-4		Power window main switch
D125	5	★	B-2		Passenger's seat door lock switch

★ : White or natural color

Door Cord

WIRING SYSTEM



WI-17018

58.Rear Wiring Harness and Rear Gate Cord

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R22	3	★	C-1		Rear door switch LH
R26	4	Light gray	C-5		Rear combination light RH
R28	4	Light gray	C-2		Rear combination light LH
R38	8	★	C-4	D34	Rear gate cord
R39	14	★	B-4	D35	
R80	8	★	C-1		Keyless entry control module
R86	2	★	C-3		Drain valve
R97	1	★	C-2		Antenna amplifier
R122	10	★	C-4		Fuel pump control unit
R141	2	★	C-2		Luggage room light
R148	1	★	D-3		Rear differential oil temperature switch
R159	1	★	D-3		

★ : White or natural color

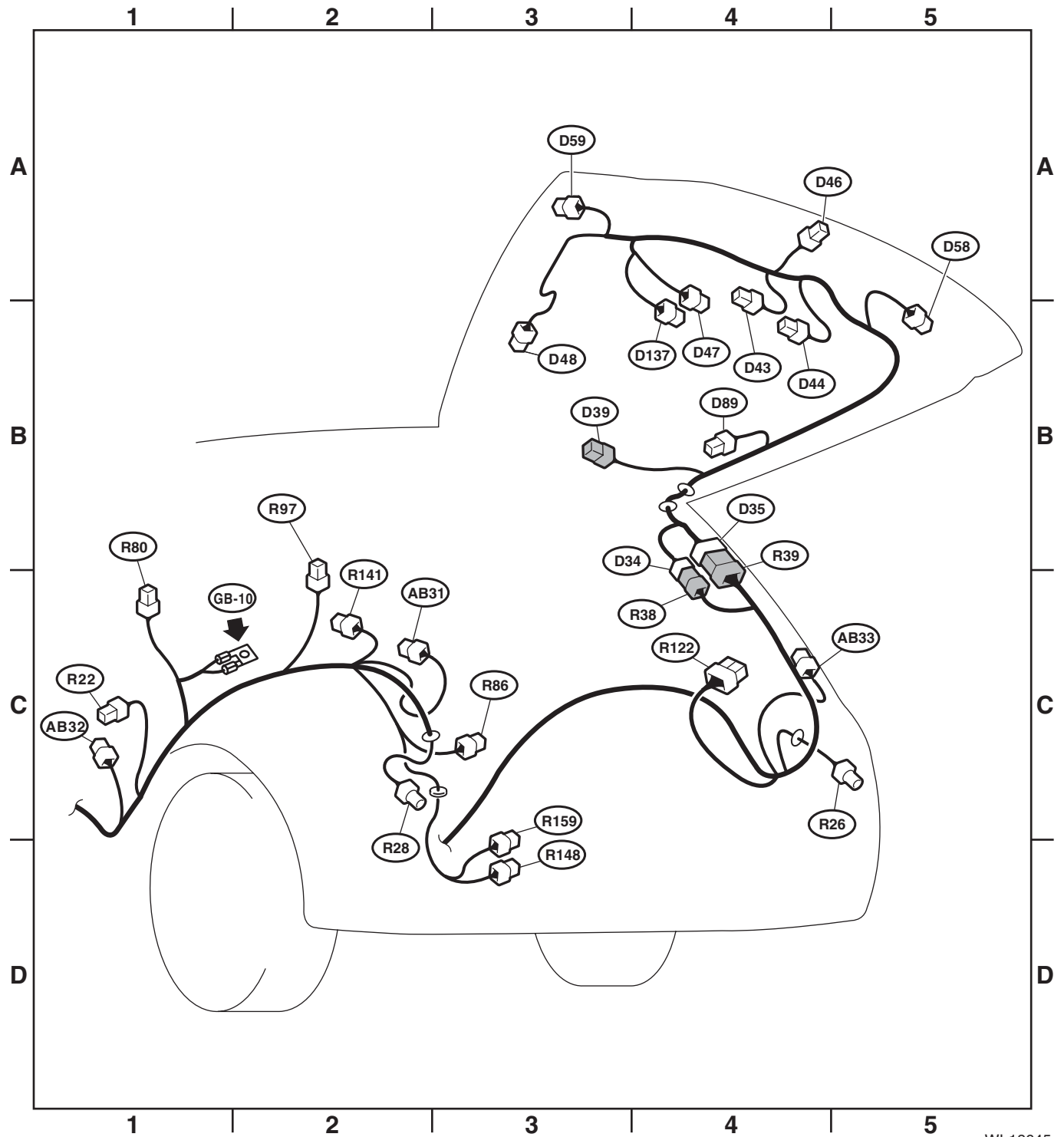
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
D34	8	★	B-4	R38	Rear wiring harness
D35	14	★	B-4	R39	
D39	2	★	B-3		High-mounted stop light
D43	4	★	B-4		Rear wiper motor
D44	2	★	B-4		License plate light RH
D46	4	★	A-4		Rear gate lock actuator & latch switch
D47	2	★	A-4		Rear gate release switch
D48	1	★	B-3		Rear defogger (–)
D58	2	★	B-5		Back-up light RH
D59	2	★	A-3		Back-up light LH
D89	1	★	B-4		Rear defogger (+)
D137	2	★	B-4		License plate light LH

★ : White or natural color

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB31	2	Black	C-2		Curtain airbag module LH
AB32	4	Yellow	C-1		Curtain airbag sensor LH
AB33	2	Black	C-4		Curtain airbag module RH

Rear Wiring Harness and Rear Gate Cord

WIRING SYSTEM



WI-18645