

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.

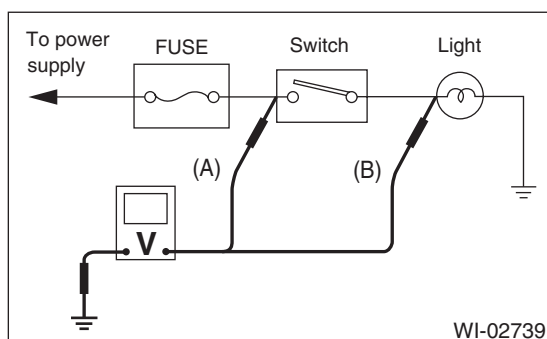
5. SYSTEM OPERATION CHECK

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) 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.

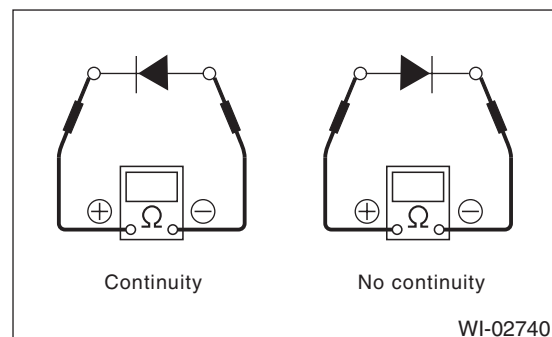
2. CIRCUIT CONTINUITY CHECKS

- 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) 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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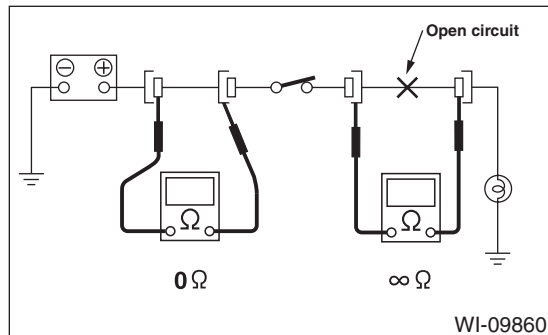
Basic Diagnostic Procedure

WIRING SYSTEM

3. HOW TO DETERMINE AN OPEN CIRCUIT

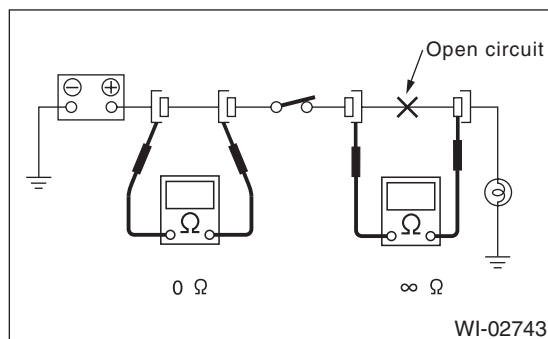
1) WITH VOLTMETER:

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:

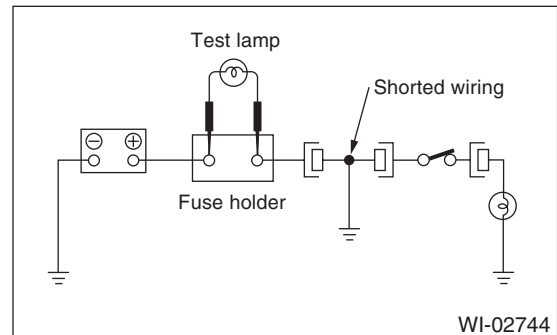
Disconnect all connectors affected, and check continuity in the wiring between adjacent connectors. When the ohmmeter indicates "infinite", the wiring is open.



4. HOW TO DETERMINE A SHORT CIRCUIT

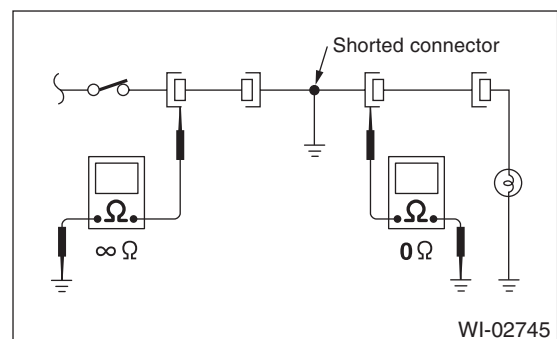
1) WITH TEST LIGHT:

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

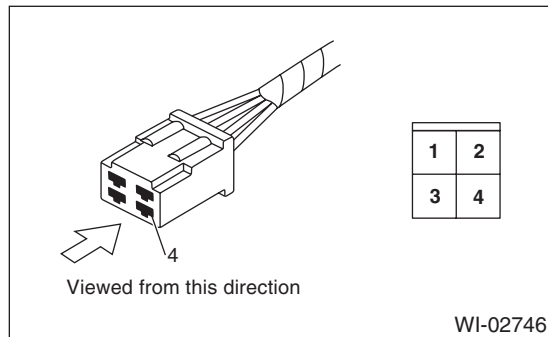
1. WIRING DIAGRAM

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

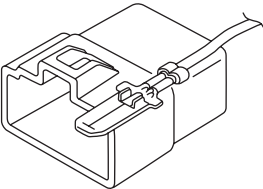
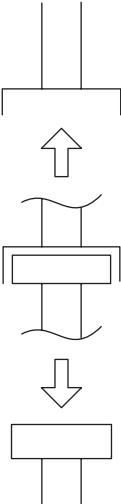
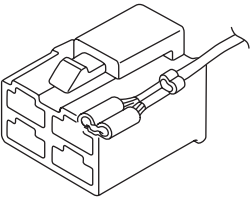
Sketches and codes are used in the diagrams.

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									

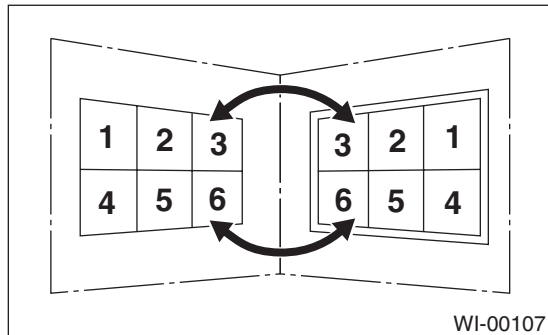
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WIRING SYSTEM

- 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.



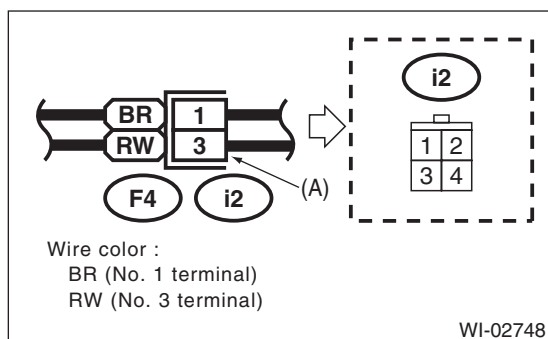
• WIRING DIAGRAM:

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

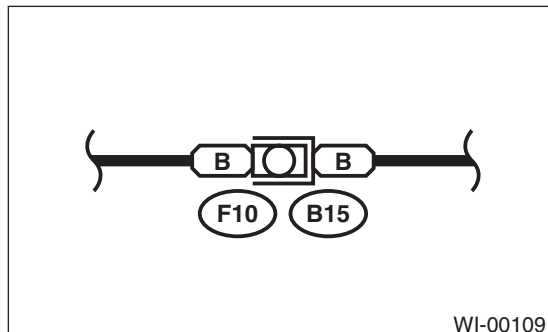
- The sketch of each connector in the wiring diagram usually shows the (A) side of the connector. The relationship between the wire color, terminal number and connector is described in the figure.

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.

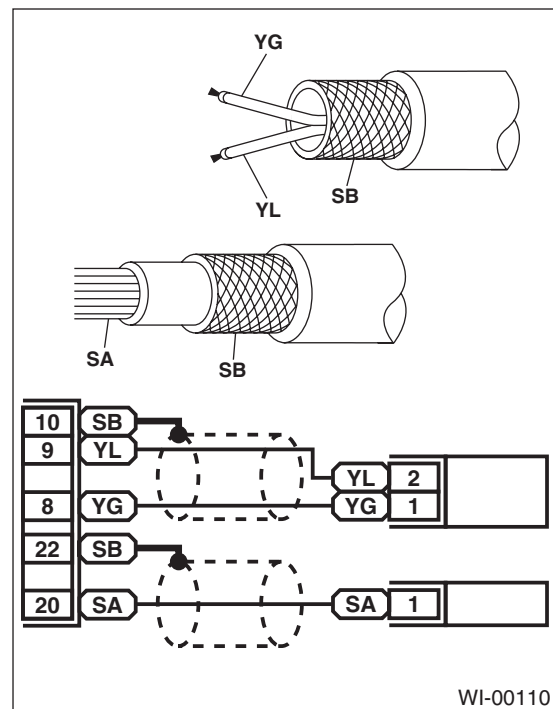


- In the wiring diagram, connectors which have no terminal number refer to one-pole types. Sketches of these connectors are omitted intentionally.

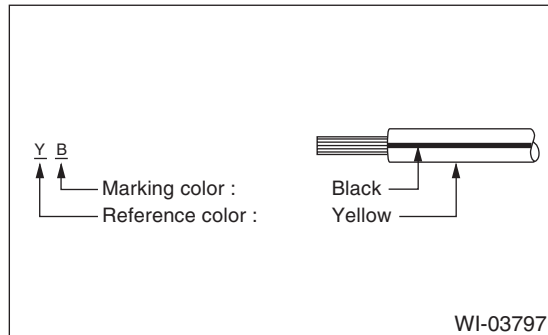


- The following color codes are used to indicate the colors of the wires.

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	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:

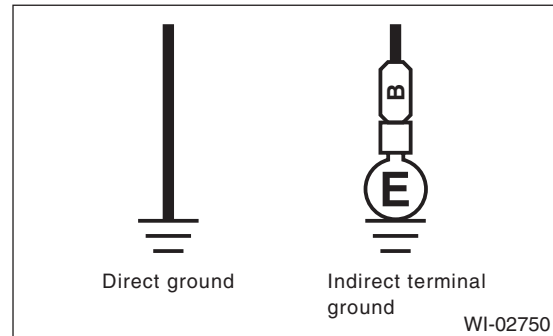
When replacing or repairing a wire, be sure to use the same size and type of the wire which was originally used.

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

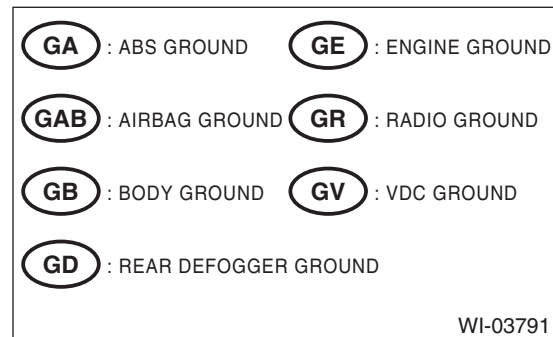
- Each unit is either directly grounded to the body or indirectly grounds through a harness ground terminal. Different symbols are used in the wiring diagram to identify the two grounding systems.



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

NOTE:

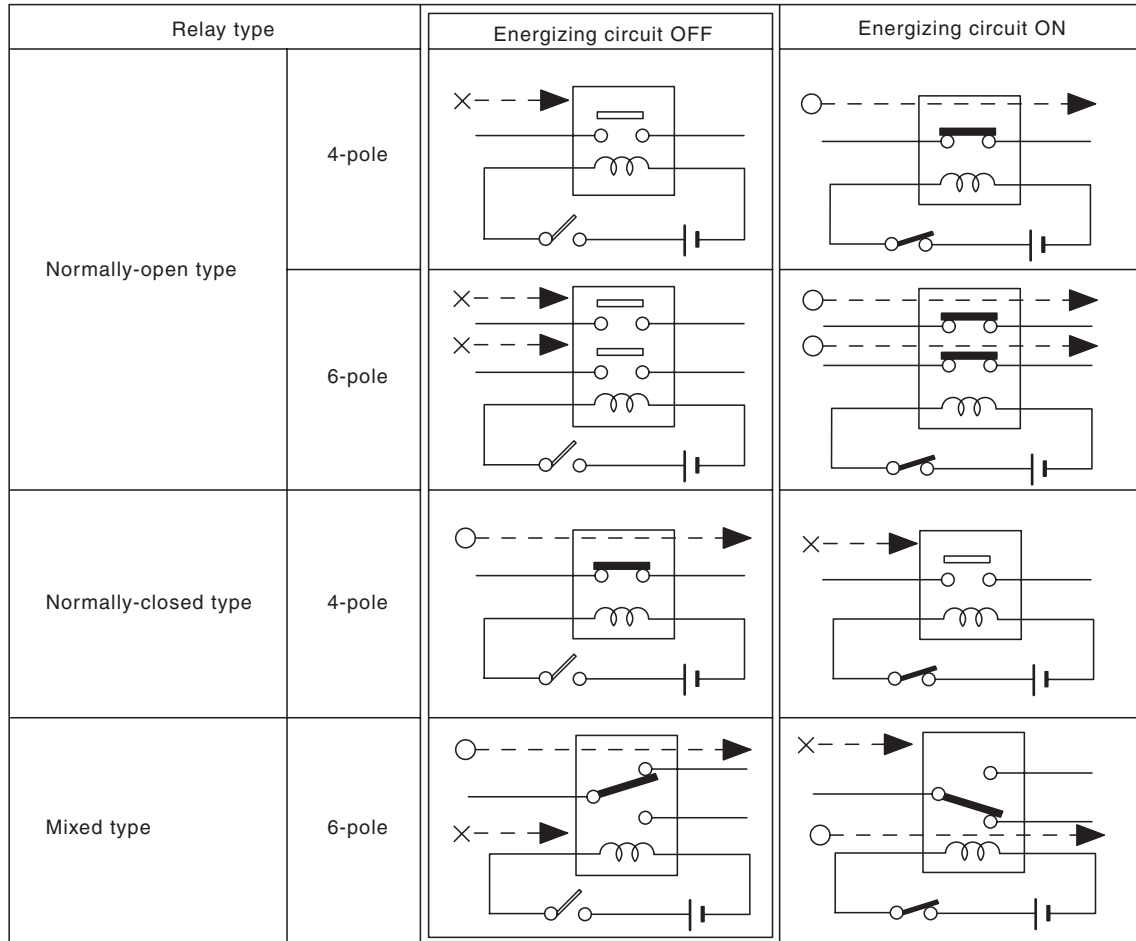
All wiring harnesses are provided with a ground point which should be securely connected.



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- 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:

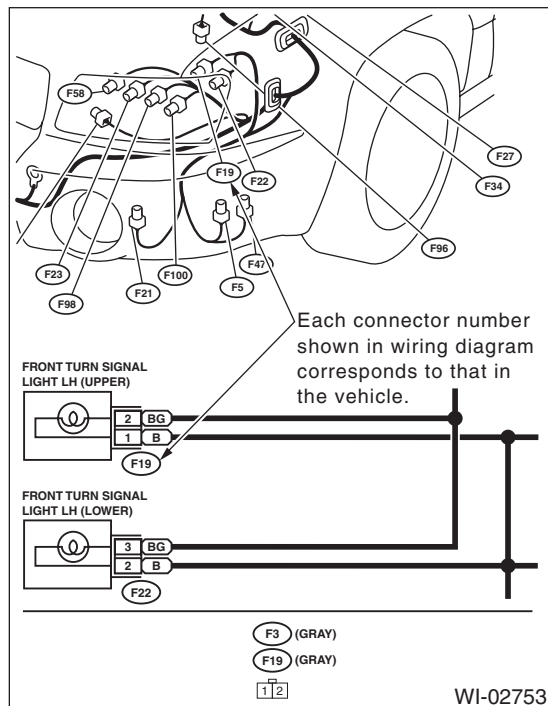
○ —▶ : Current flows.

× —▶ : 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, Rear defogger ground cord (Sedan model)
AB	Airbag wiring harness

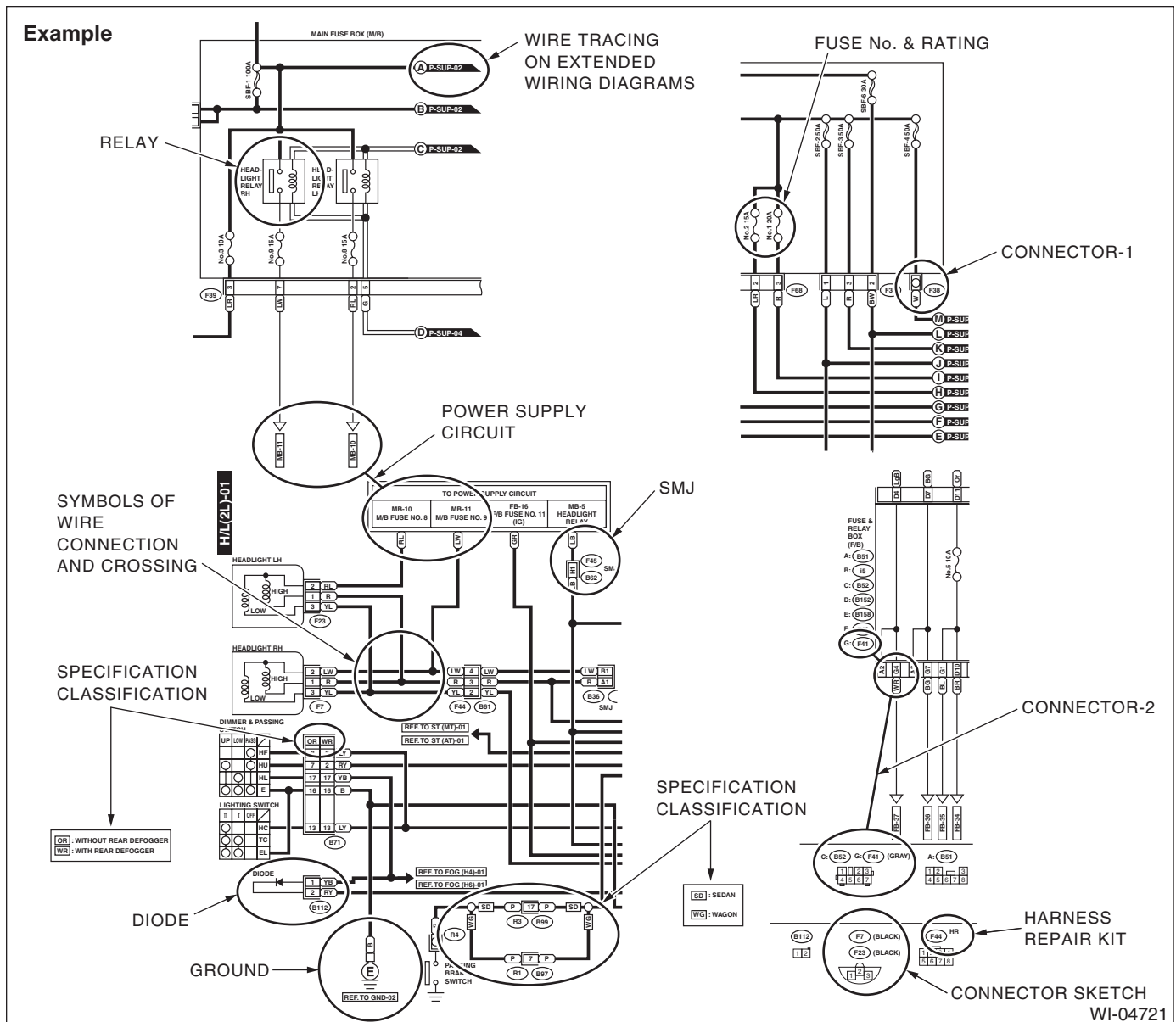


Basic Diagnostic Procedure

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 white or 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

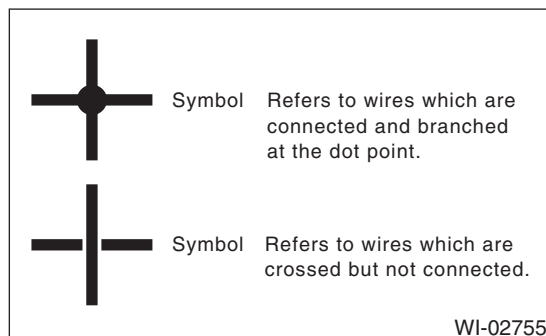
A symbol is used to indicate a diode.

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.HARNESS REPAIR KIT

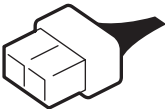
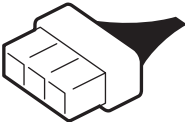
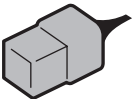
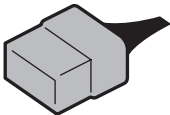
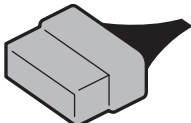
The connector adapting to Harness repair kit is shown as “HR” in the right-upper of connector number. Refer to “Harness Repair Kit” for harness repair kit. <Ref. to WI-207, SPECIFICATION, Harness Repair Kit.>

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
A/B	Airbag
A/C	Air Conditioner
A/F	Air/Fuel (Air fuel ratio sensor)
ABS	Anti-lock Brake System
ACC	Accessory
AD	Auto Down
ADA	Active Driving Assist
ALT	Generator
ASSY	Assembly
AT	Automatic Transmission
ATF	Automatic Transmission Fluid
AU	Auto Up
AWD	All Wheel Drive
B, BAT	Battery
CAN	Controller Area Network
CPC	Canister Purge Control
CPU	Central Processing Unit
D	Drive Range
D, DN	Down
E	Ground
EBD	Electric Brake Distribution
ECM	Engine Control Module
ELR	Emergency Locking Retractor
F/B	Fuse & Relay Box
FL	Front Left Hand
FL1.5	Fusible Link 1.5 mm ²
FR	Front Right Hand
FWD	Front Wheel Drive
G	Gravity (G sensor)
H/L	Headlight
HI	High
HID	High Intensity Discharge
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
MG	Magnet
Mi	Middle
MIST	Wiper mist (One-touch)
MT	Manual Transmission
N	Neutral Range
NA	Natural Aspiration
NAVI	Navigation
OCV	Oil Flow Control Solenoid Valve
OP	Optional Parts or Open

Abbr.	Full name
P	Parking Range
PASS	Passing
PCV	Purge Control Valve
PWM	Pulse Width Modulation
P-VIGN	P-V Ignition relay
R	Reverse Range
R, RH	Right Hand
RES	Resume
RL	Rear Left
RR	Rear Right
SBF	Slow Blow Fuse
S/S	SPORT shift S
ST	Starter
SW	Switch
TB	Turbo
TCM	AT Control Module
TGV	Tumble Generator Valve
TPM	Tire Pressure Monitor
TV	Television
U, UP	Up
VDC	Vehicle Dynamics Control
VVL	Variable Valve Lift
WASH	Washer

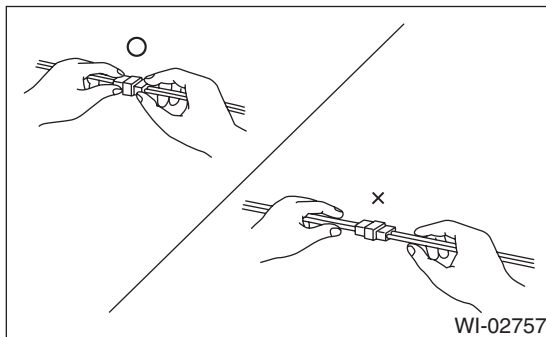
2. Working Precautions

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.

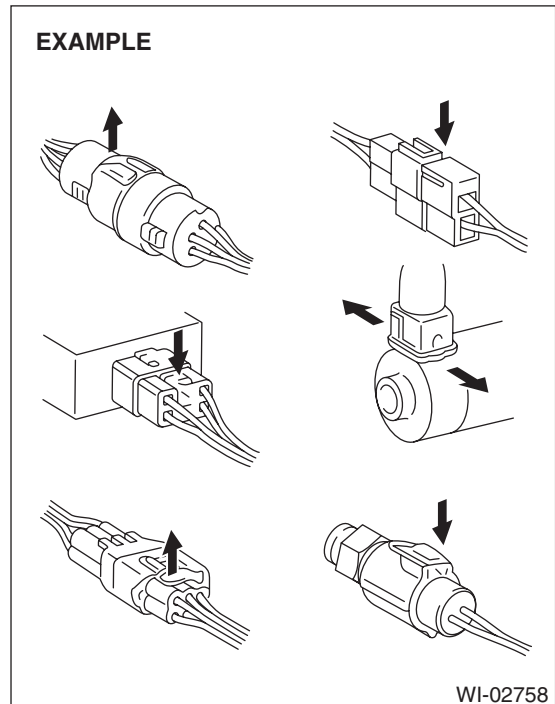
B: PRECAUTIONS IN TROUBLE DIAGNOSIS AND REPAIR OF ELECTRIC PARTS

- 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.



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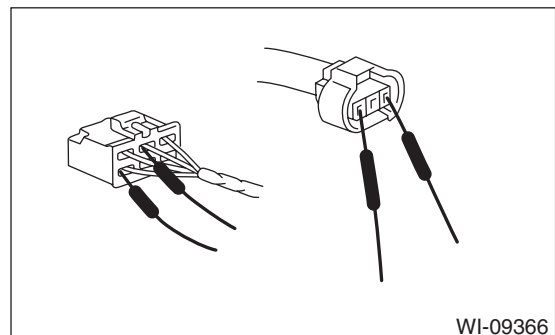
- 5) Some connectors are provided with a lock. One type of such a connector is disconnected by pushing the lock, and the other, by moving the lock up. In either type the lock shape must be identified before attempting to disconnect the connector. To connect, insert the connector until it snaps and confirm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



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- 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.



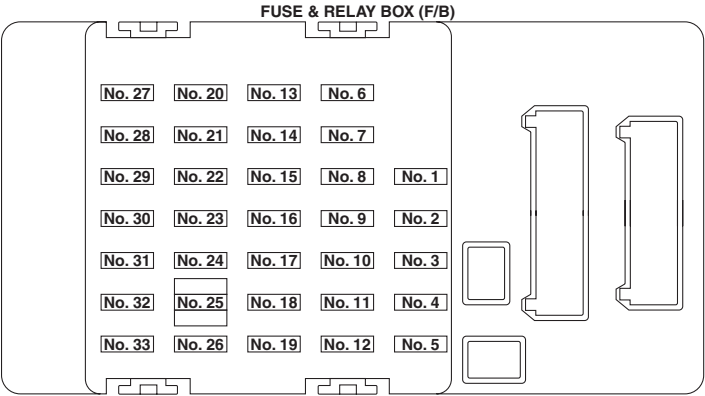
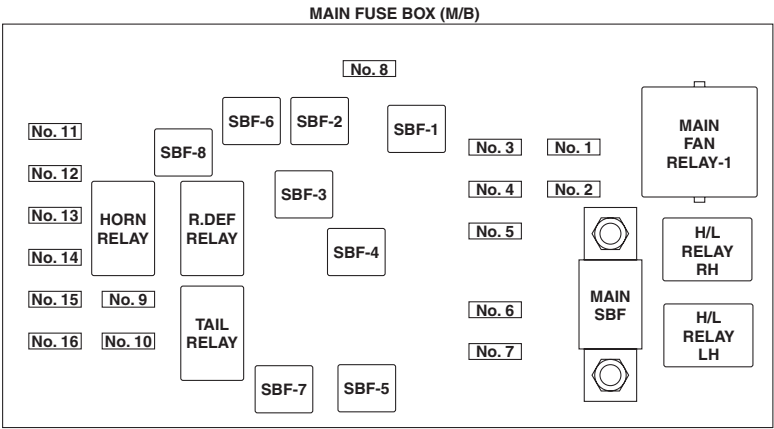
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- 7) Sensors, relays, electrical unit, etc., are sensitive to strong impacts. Handle them with care so that they are not dropped or mishandled.

3. Power Supply Circuit
A: WIRING DIAGRAM

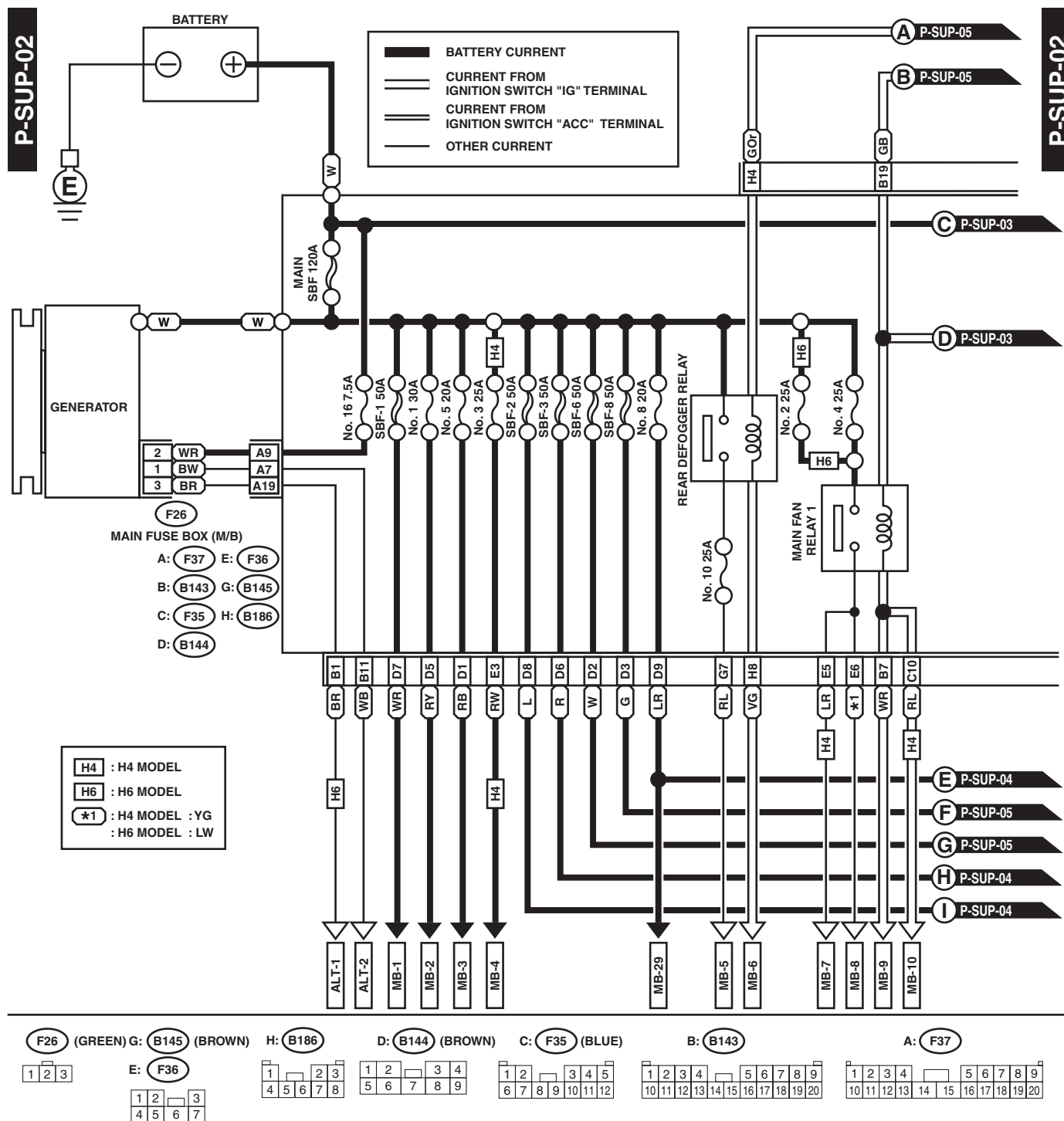
P-SUP-01

P-SUP-01



Power Supply Circuit

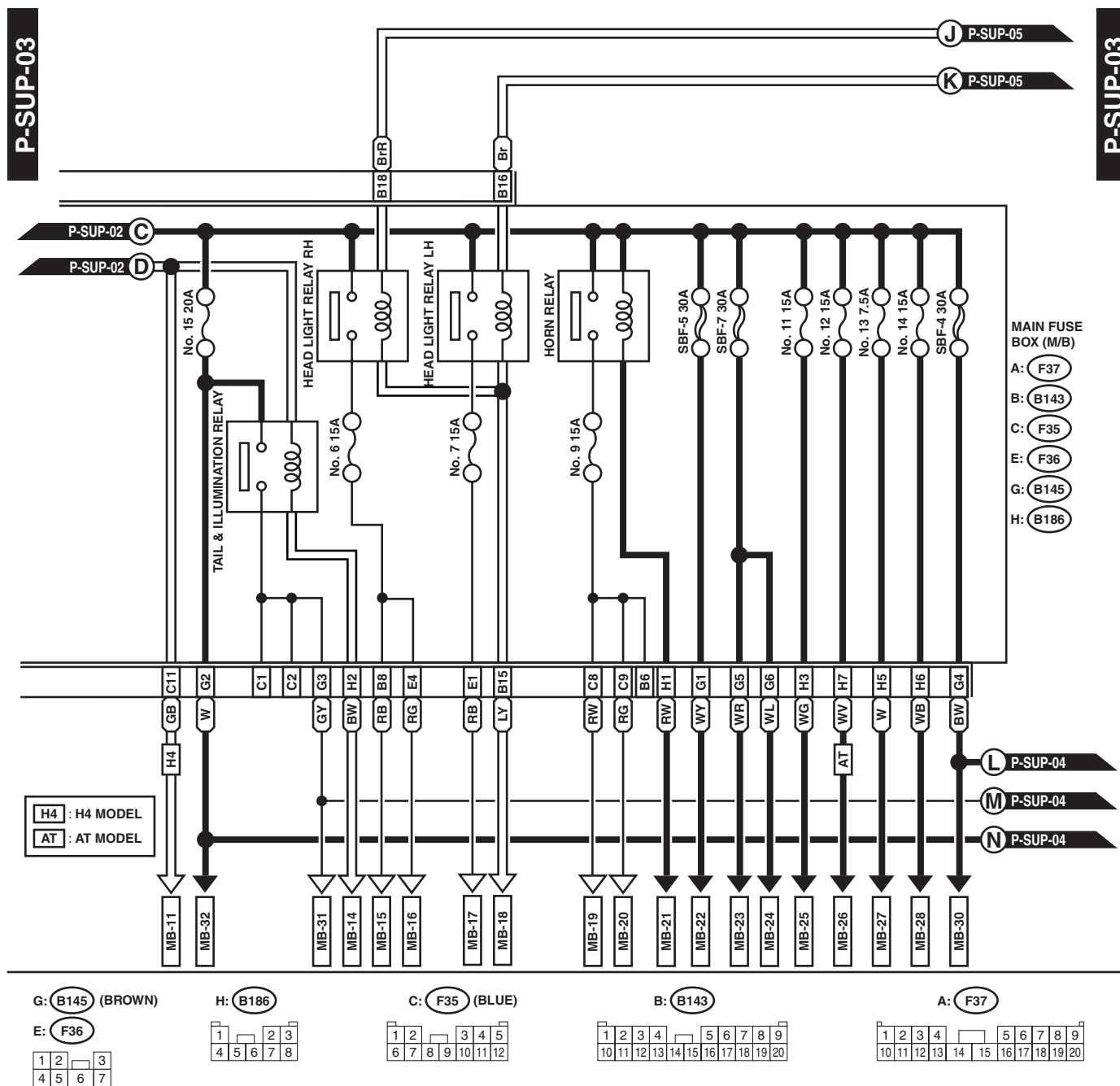
WIRING SYSTEM



WI-09687

Power Supply Circuit

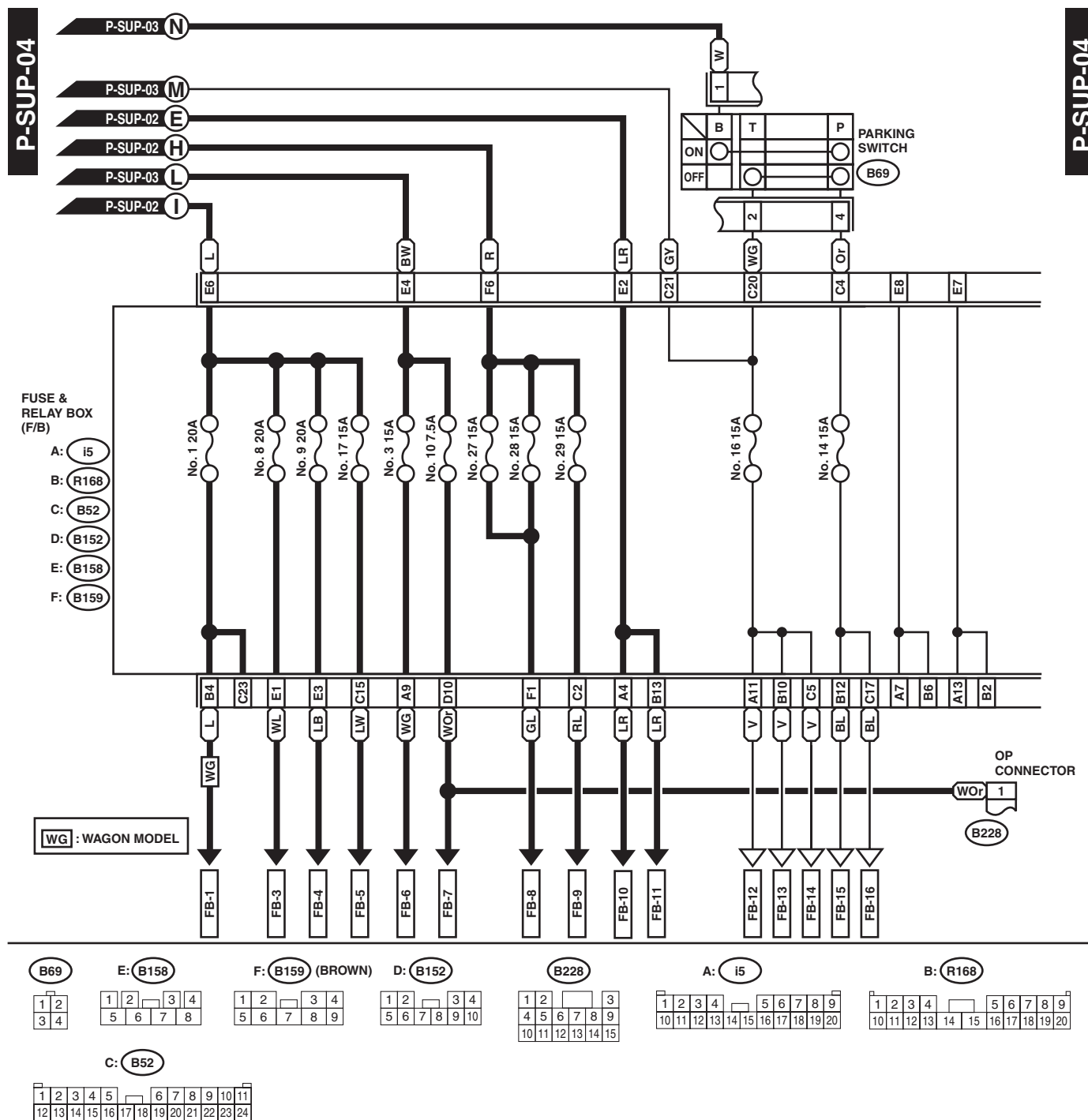
WIRING SYSTEM



WI-09688

Power Supply Circuit

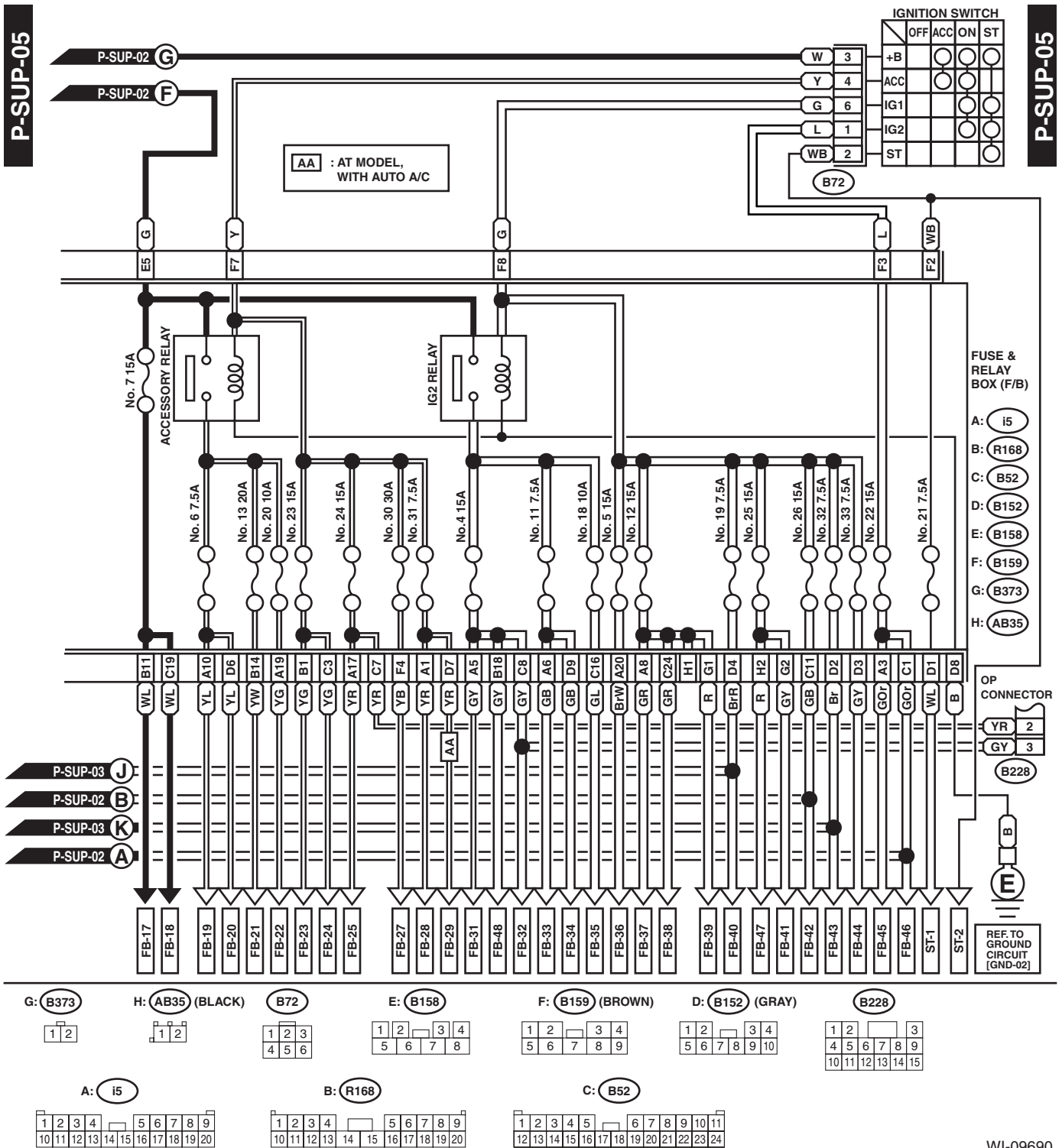
WIRING SYSTEM



WI-09689

Power Supply Circuit

WIRING SYSTEM



WI-09690

Power Supply Circuit

WIRING SYSTEM

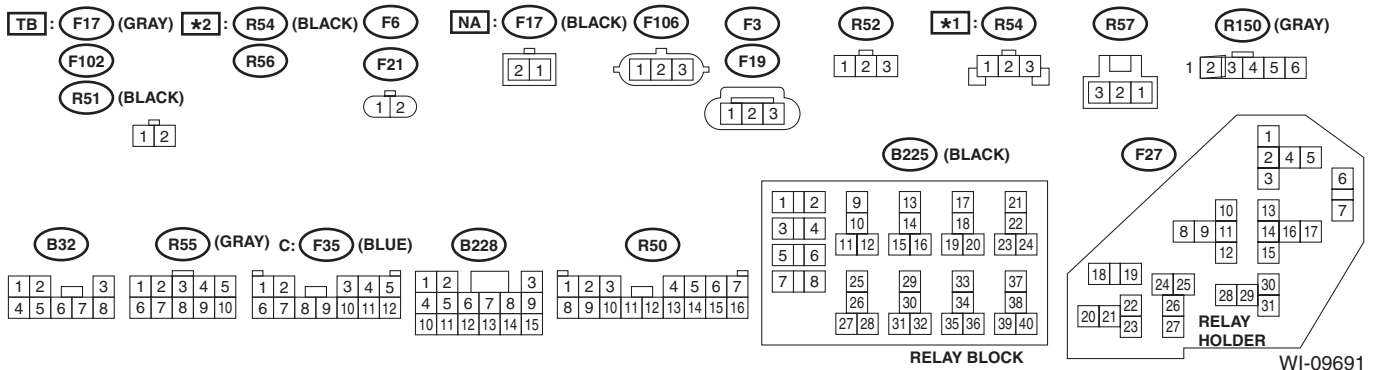
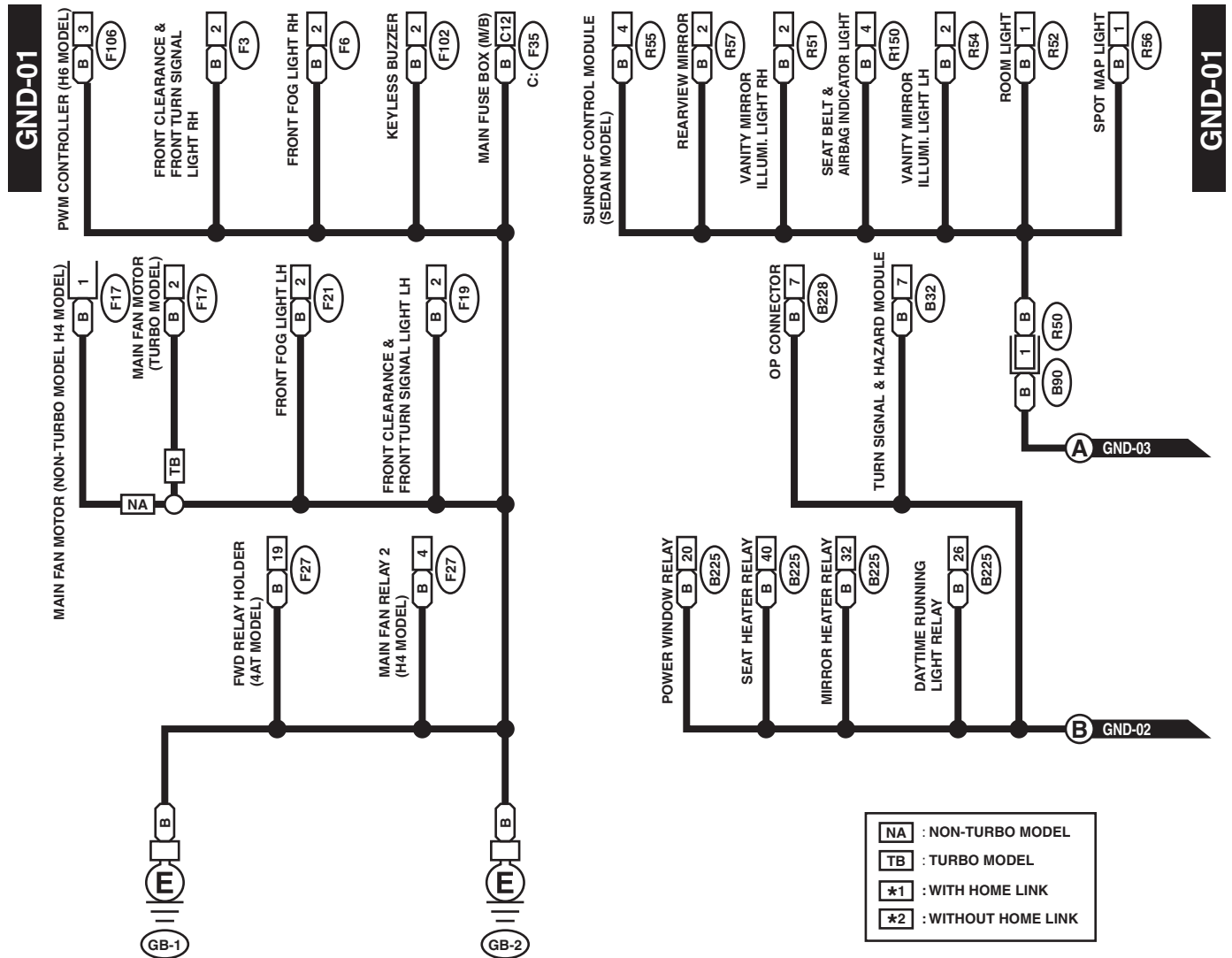
No.	Load
MB-1	ABS control module VDC control module
MB-2	ABS control module VDC control module
MB-4	Sub fan relay
MB-5	A/C control panel Mirror heater relay Rear defogger
MB-6	Body integrated unit
MB-7	Main fan relay 2
MB-8	PWM controller Main fan motor
MB-9	ECM
MB-10	Main fan relay 2
MB-11	Main fan relay 2
MB-14	OP connector Lighting switch
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	Horn switch Body integrated unit
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	ECM Data link connector
MB-28	Key warning switch Key illumination Key actuator Turn signal and hazard unit Body integrated unit
MB-29	Auto A/C control module Spot map light Body integrated unit Home link Room 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 Clutch switch (MT model)
ST-2	Starter relay
FB-1	Trailer connector
FB-3	Stop light & 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 Keyless entry control module Step light LH Step light RH Clock TV monitor
FB-11	Trunk room light (Sedan model) Navigation control module Luggage room light (Wagon model)
FB-12	Clock TV monitor
FB-13	Navigation control module Seat heater switch
FB-14	OP connector Lighting switch
FB-17	TPM control module Impact sensor Combination meter
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	Front accessory power supply socket 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 Navigation control module Clock TV monitor
FB-27	Front washer motor Front wiper switch Front wiper motor
FB-28	Body integrated unit
FB-29	TCM Auto A/C control module
FB-31	TV monitor
FB-32	ECM OP connector Clutch switch (MT/Cruise) Sunroof control unit Open/close and tilt switch Seat belt warning light Data link connector Line end check connector Wiper deicer relay Stop light and brake switch

No.	Load
FB-33	Clock
FB-34	Turn signal and hazard unit
FB-35	Inhibitor switch (4AT model) Daytime running light control module Back-up light switch (MT model) Back-up light relay (5AT model)
FB-36	Combination meter
FB-37	Body integrated unit
FB-38	ECM P-VIGN relay (5AT model) TCM Ignition coil Fuel pump relay Rear vehicle speed sensor (4AT model)
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 FRESH/RECIRC actuator Auto A/C control module Sub fan relay Pressure switch Blower fan relay
FB-47	Occupant detection control module
FB-48	TPM control module Impact sensor

4. Ground Circuit

A: WIRING DIAGRAM



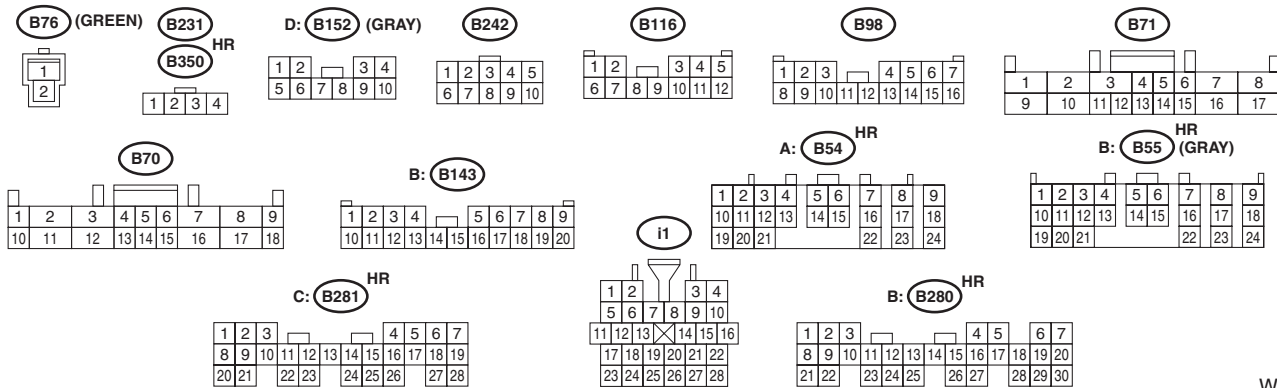
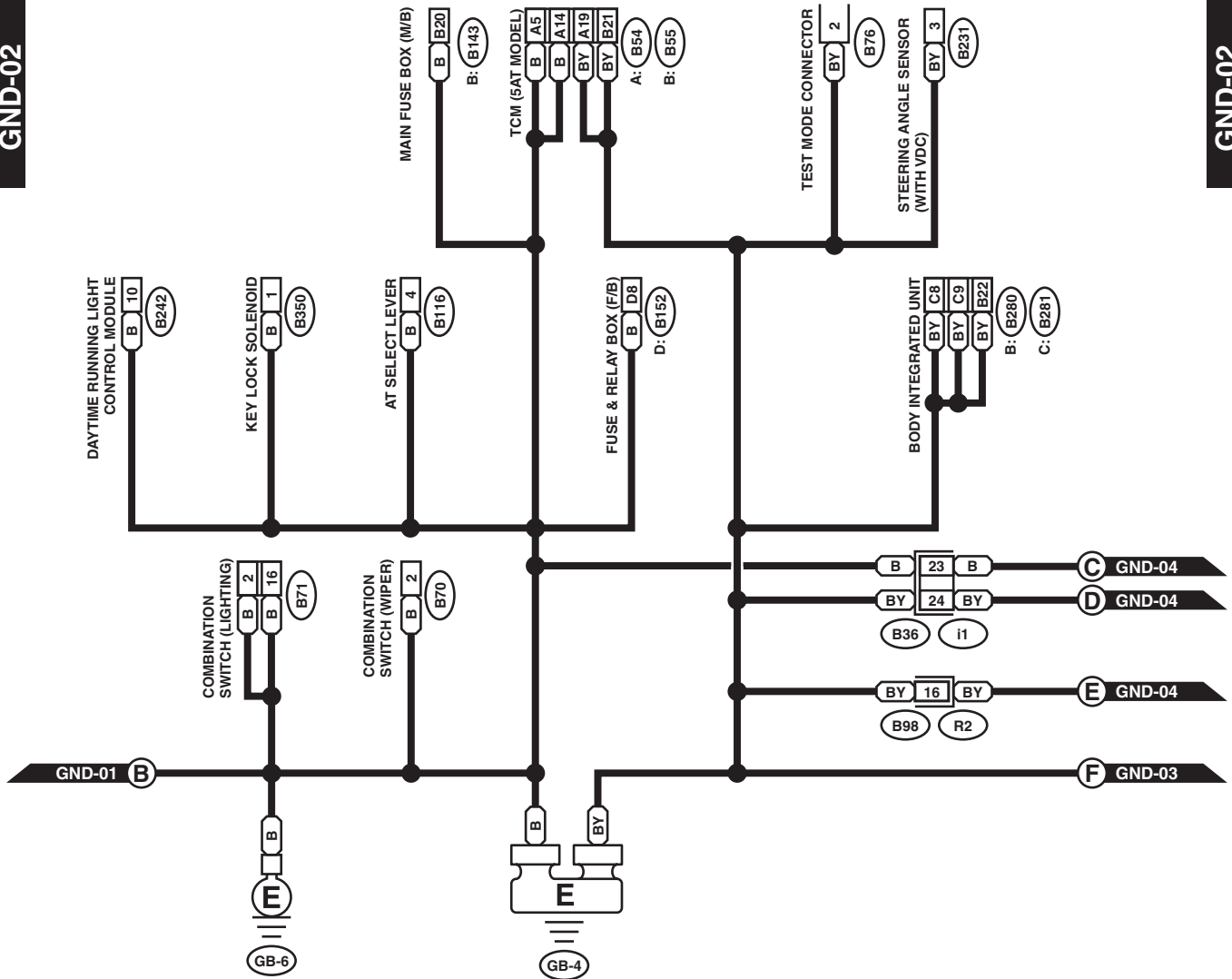
WI-09691

Ground Circuit

WIRING SYSTEM

GND-02

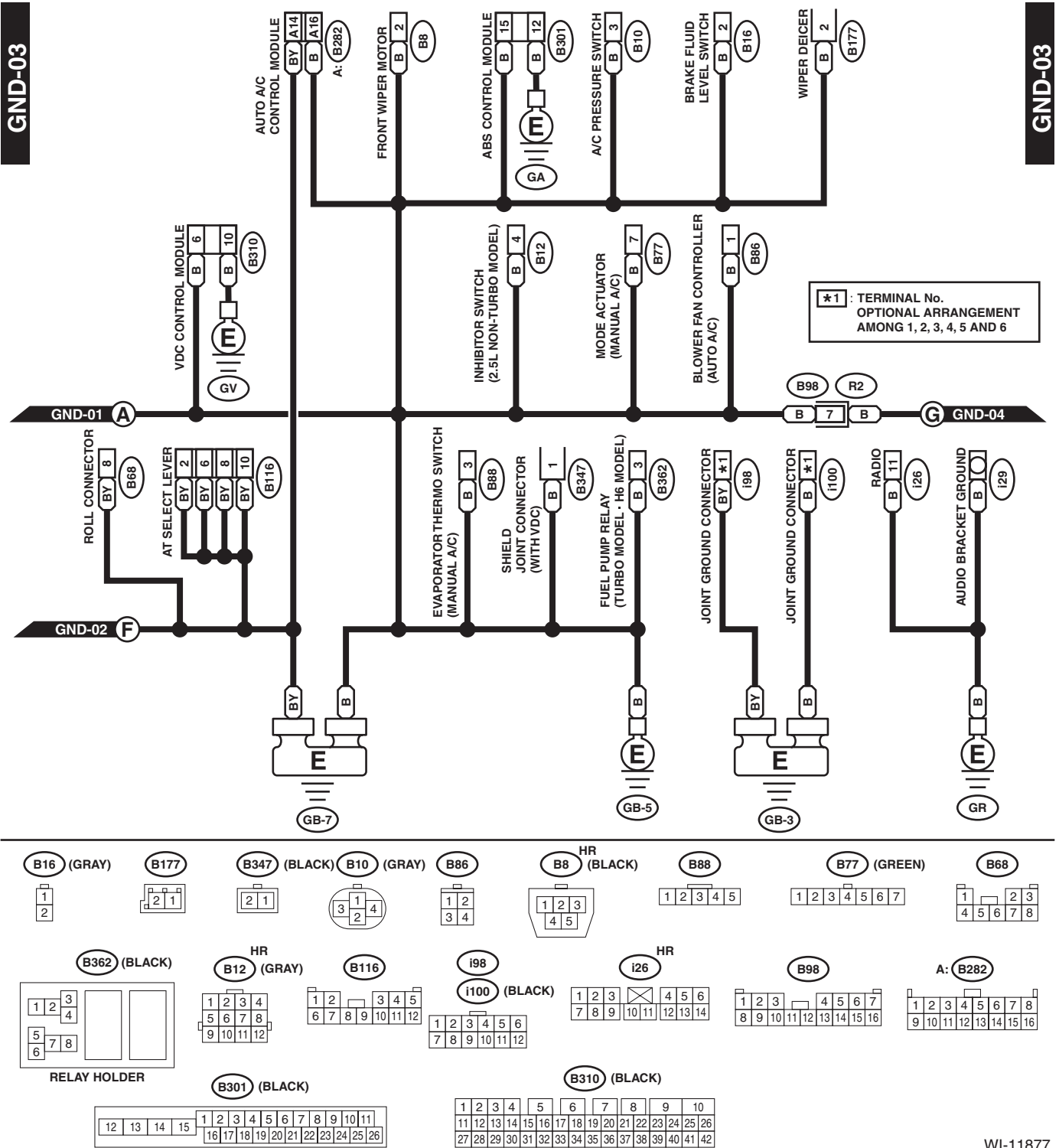
GND-02



WI-11876

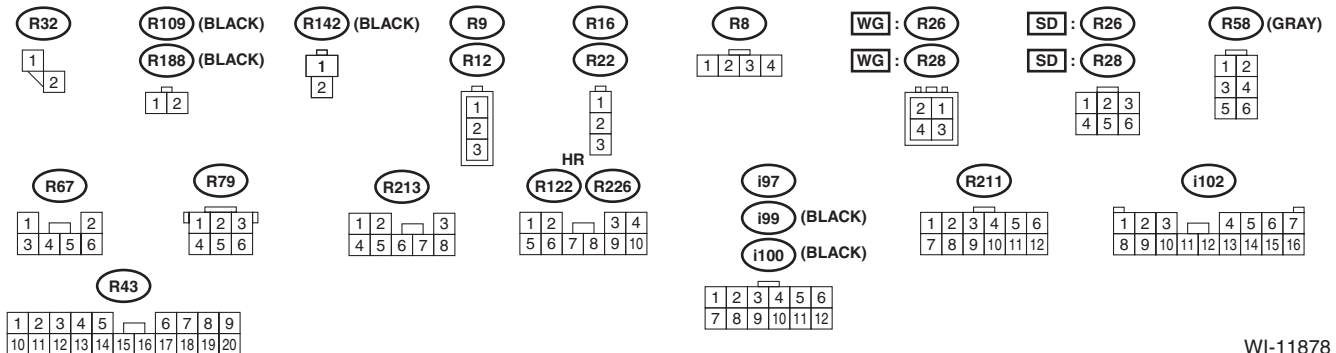
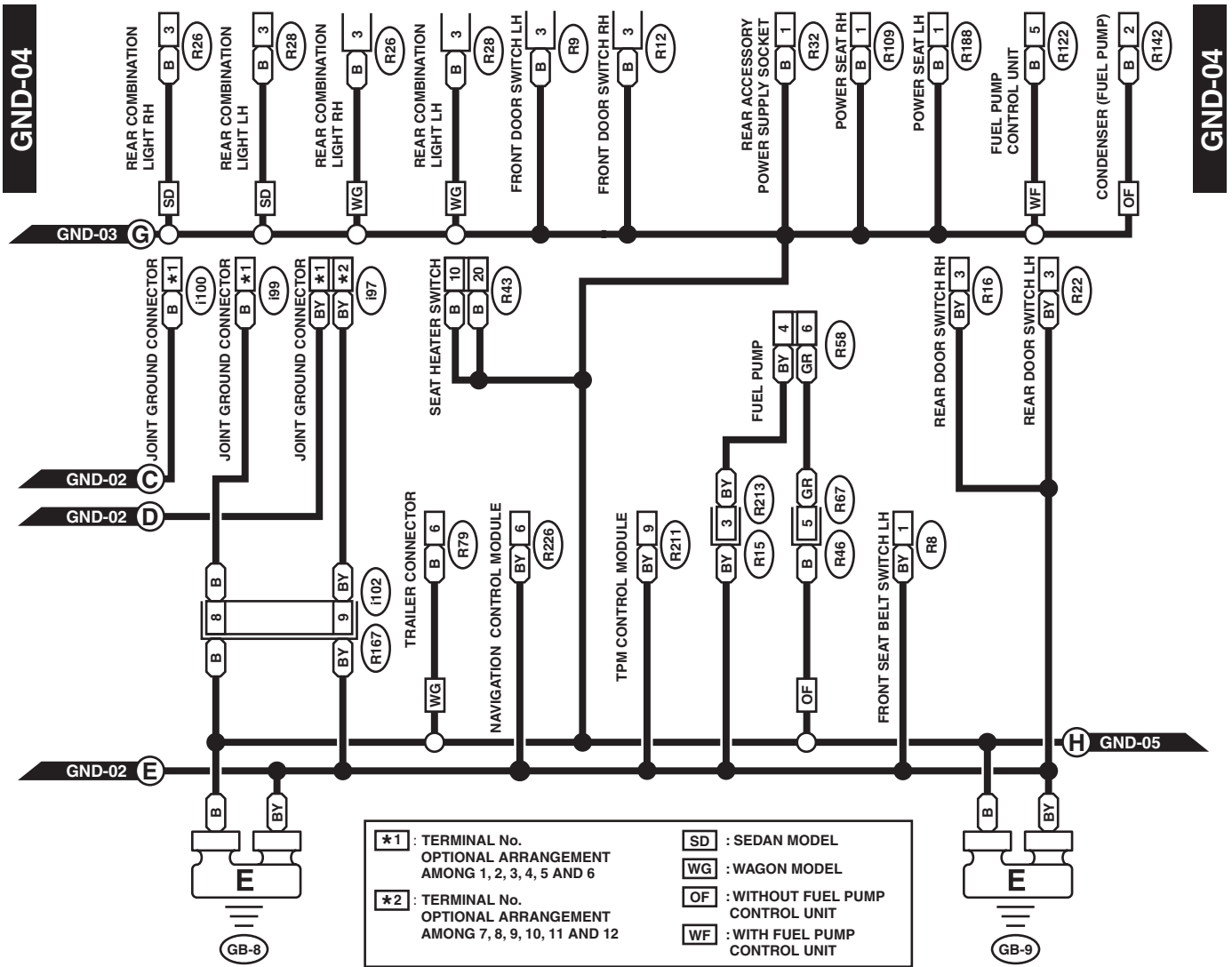
Ground Circuit

WIRING SYSTEM



Ground Circuit

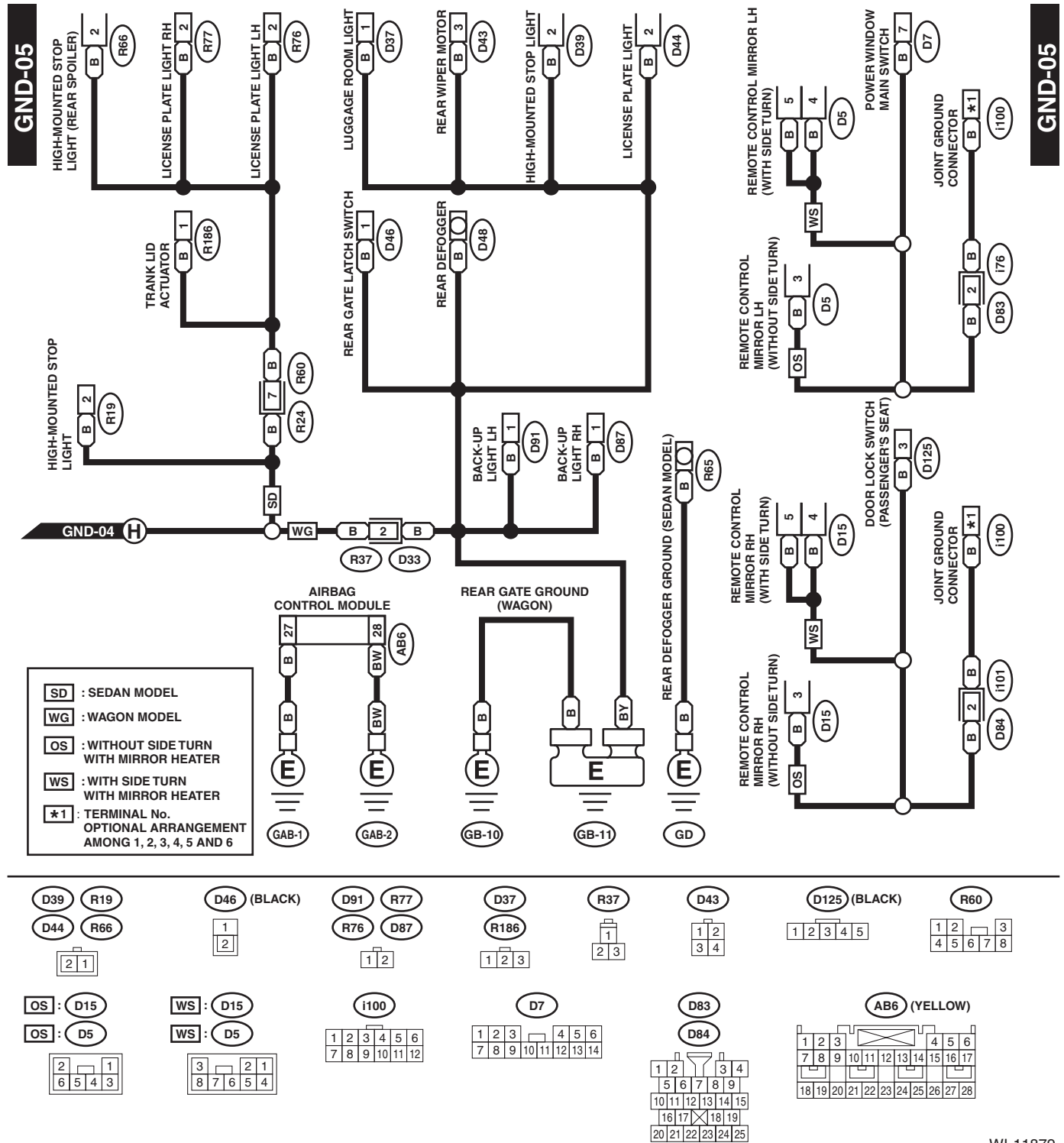
WIRING SYSTEM



WI-11878

Ground Circuit

WIRING SYSTEM



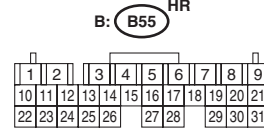
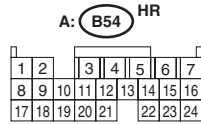
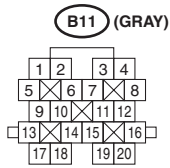
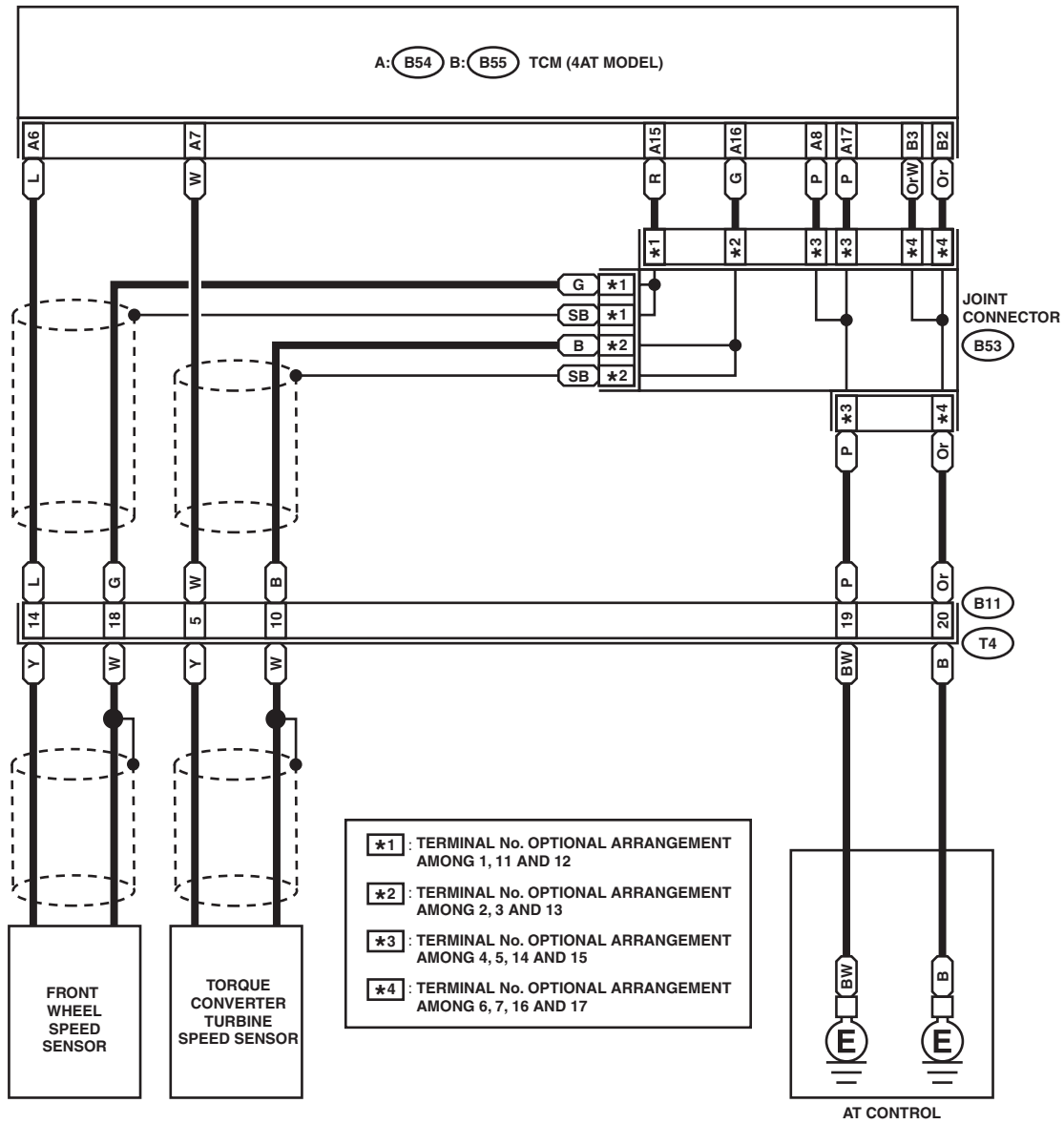
WI-11879

Ground Circuit

WIRING SYSTEM

GND-06

GND-06



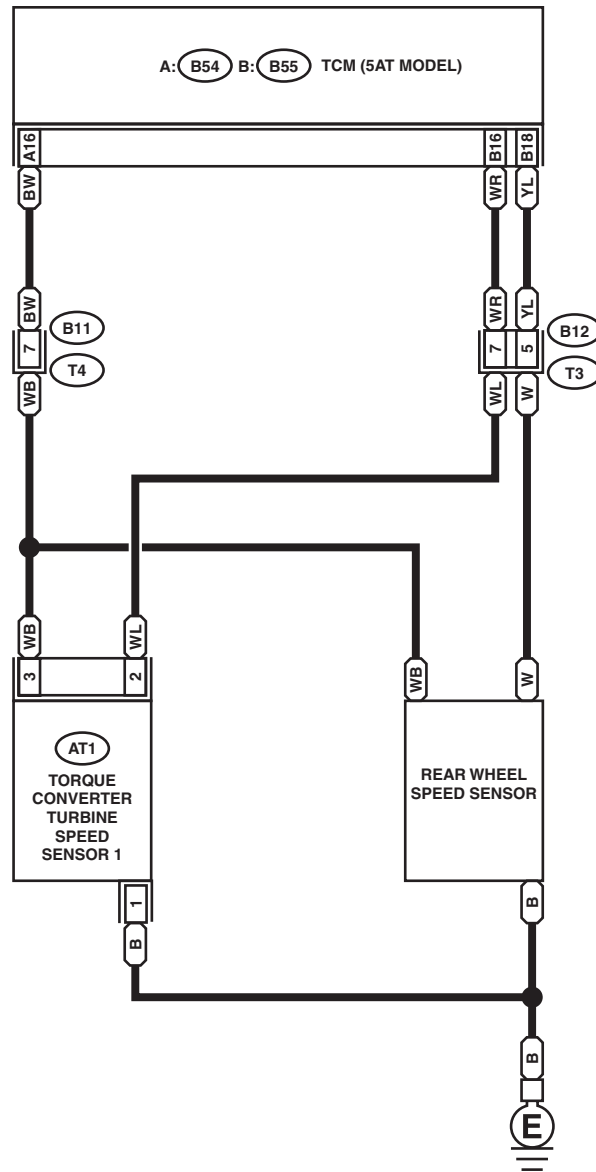
WI-11880

Ground Circuit

WIRING SYSTEM

GND-07

GND-07



AT1		
1	2	3

B12 (BROWN)			
1	2	3	4
5	6	7	8

HR			
B11 (GRAY)			
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

HR							
A: B54							
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24

HR							
B: B55 (GRAY)							
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9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24

WI-11881

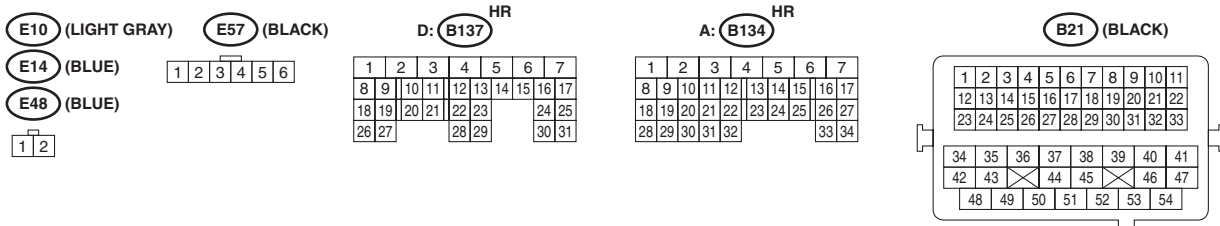
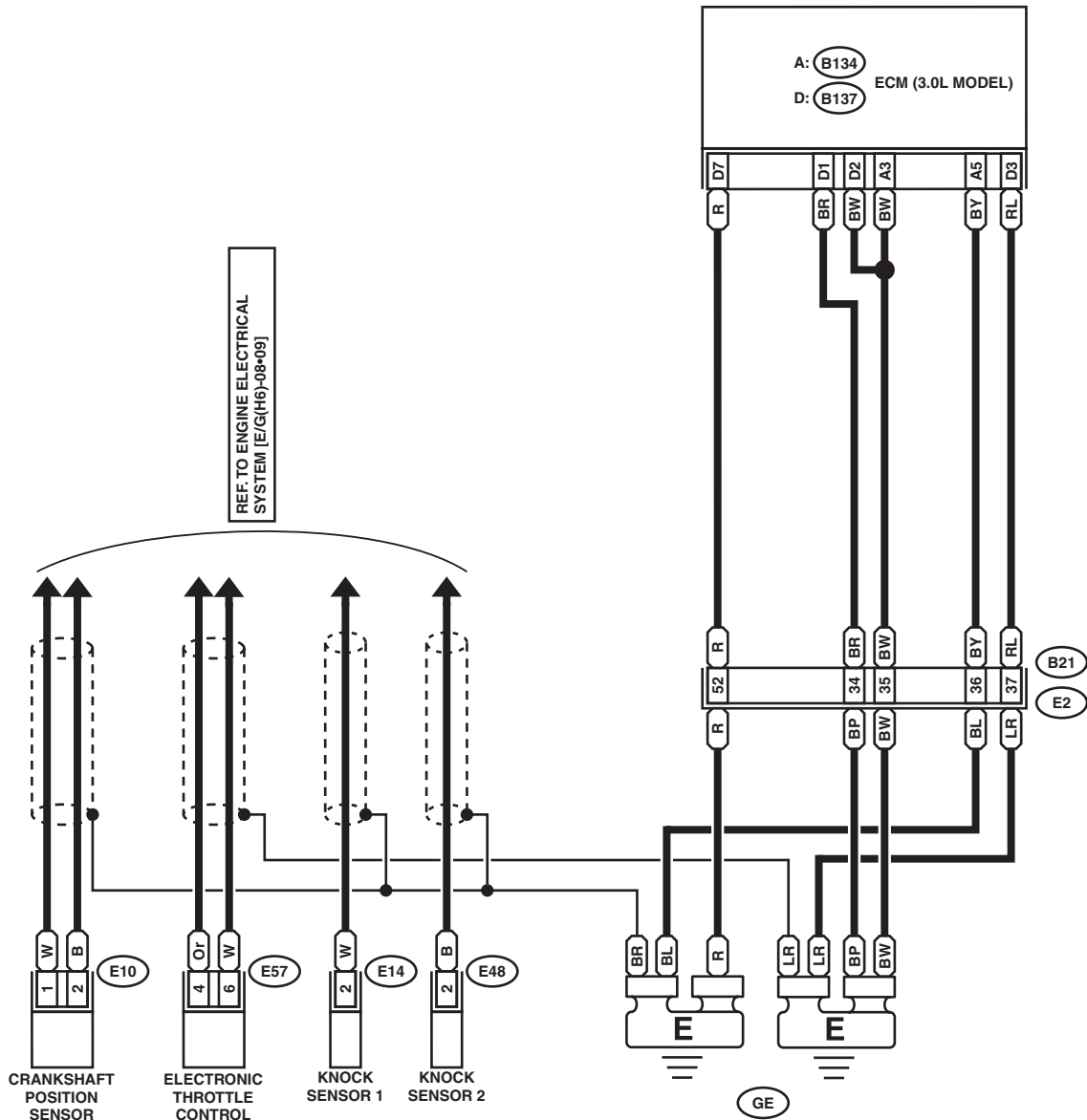


Ground Circuit

WIRING SYSTEM

GND-09

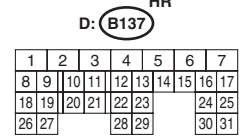
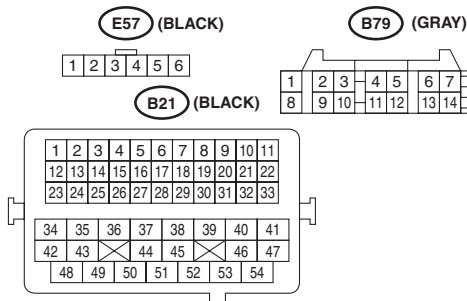
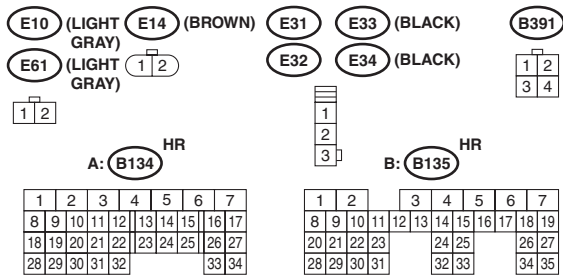
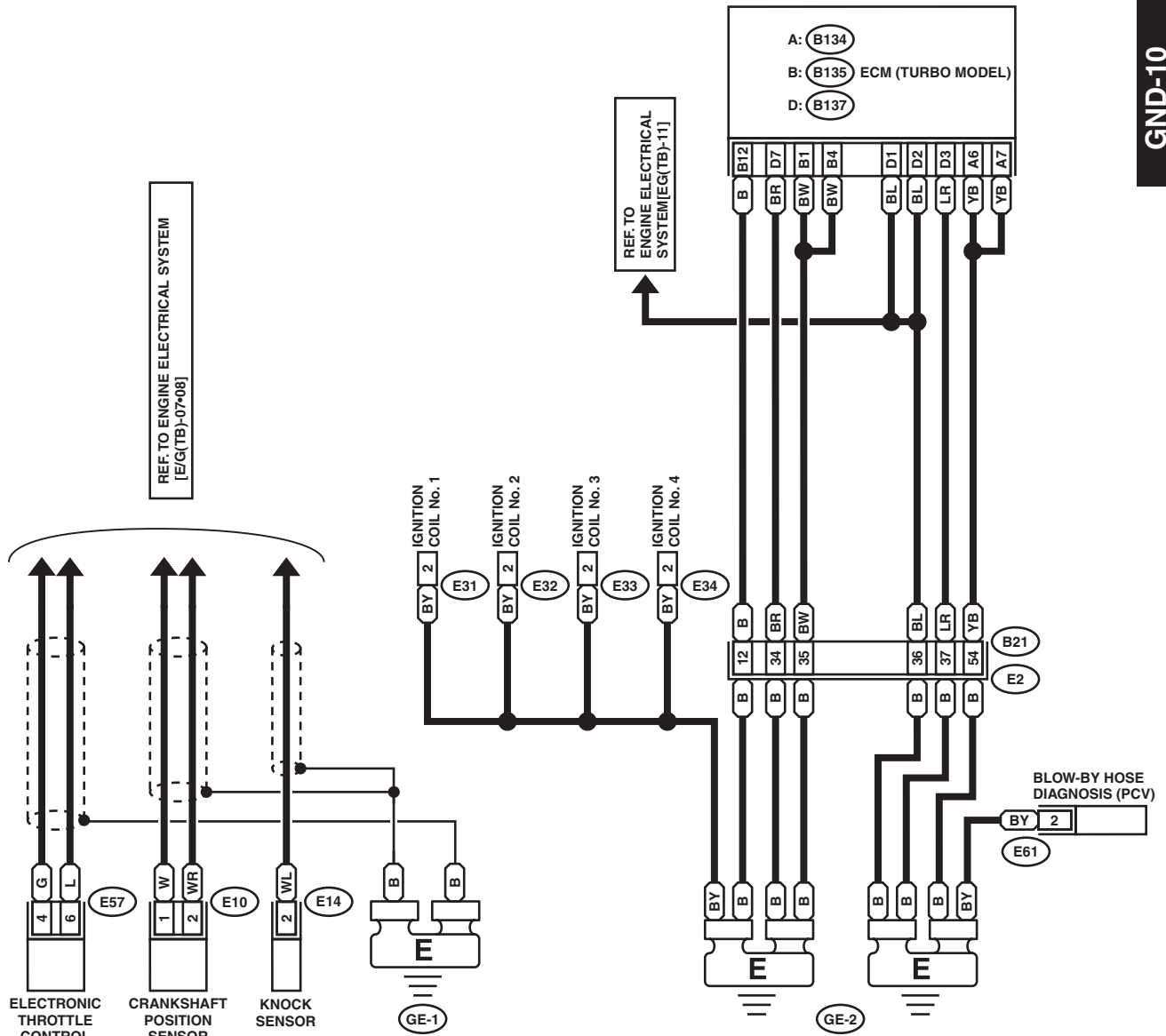
GND-09



WI-11883

GND-10

GND-10



WI-11884

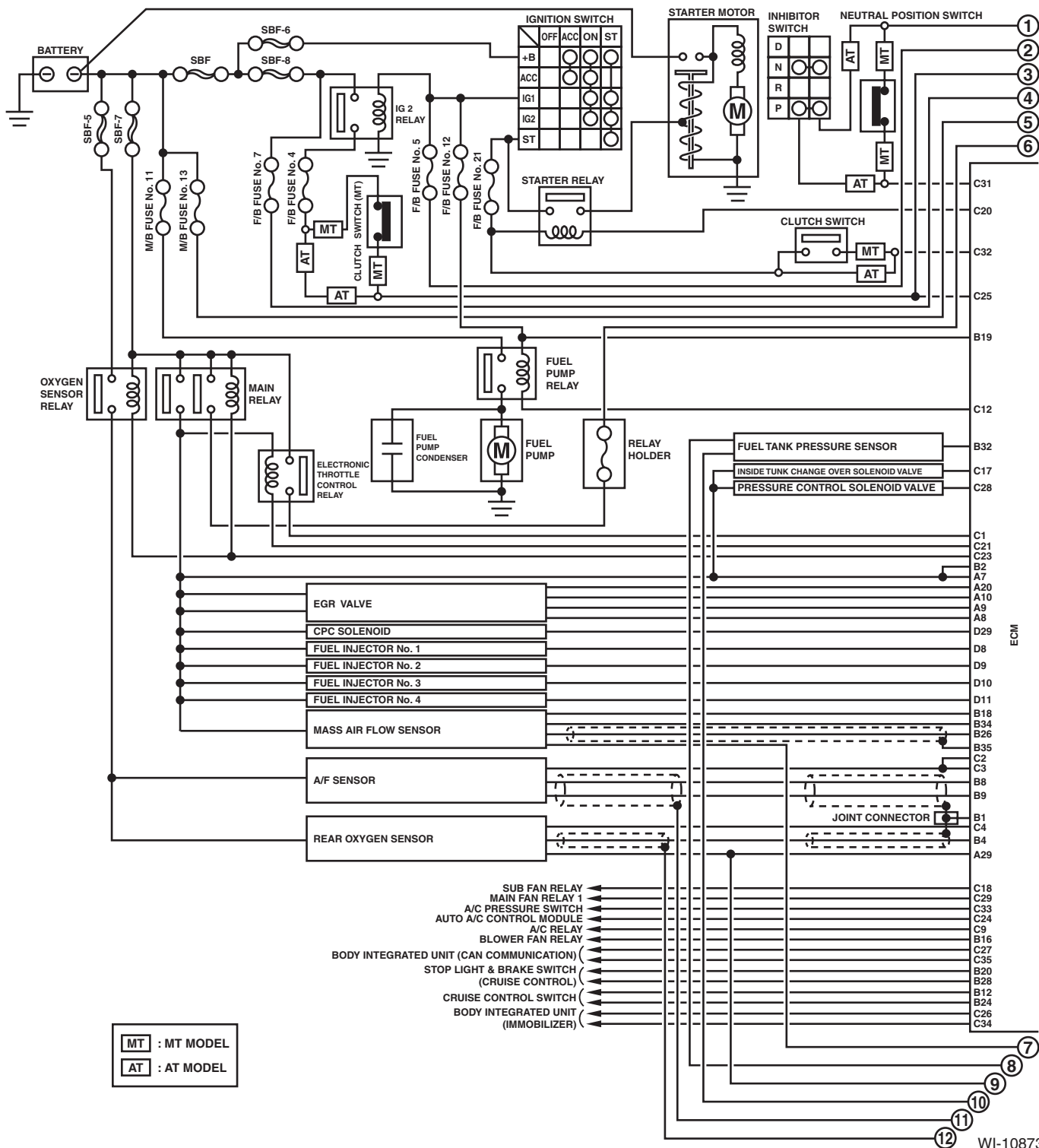
Engine Electrical System

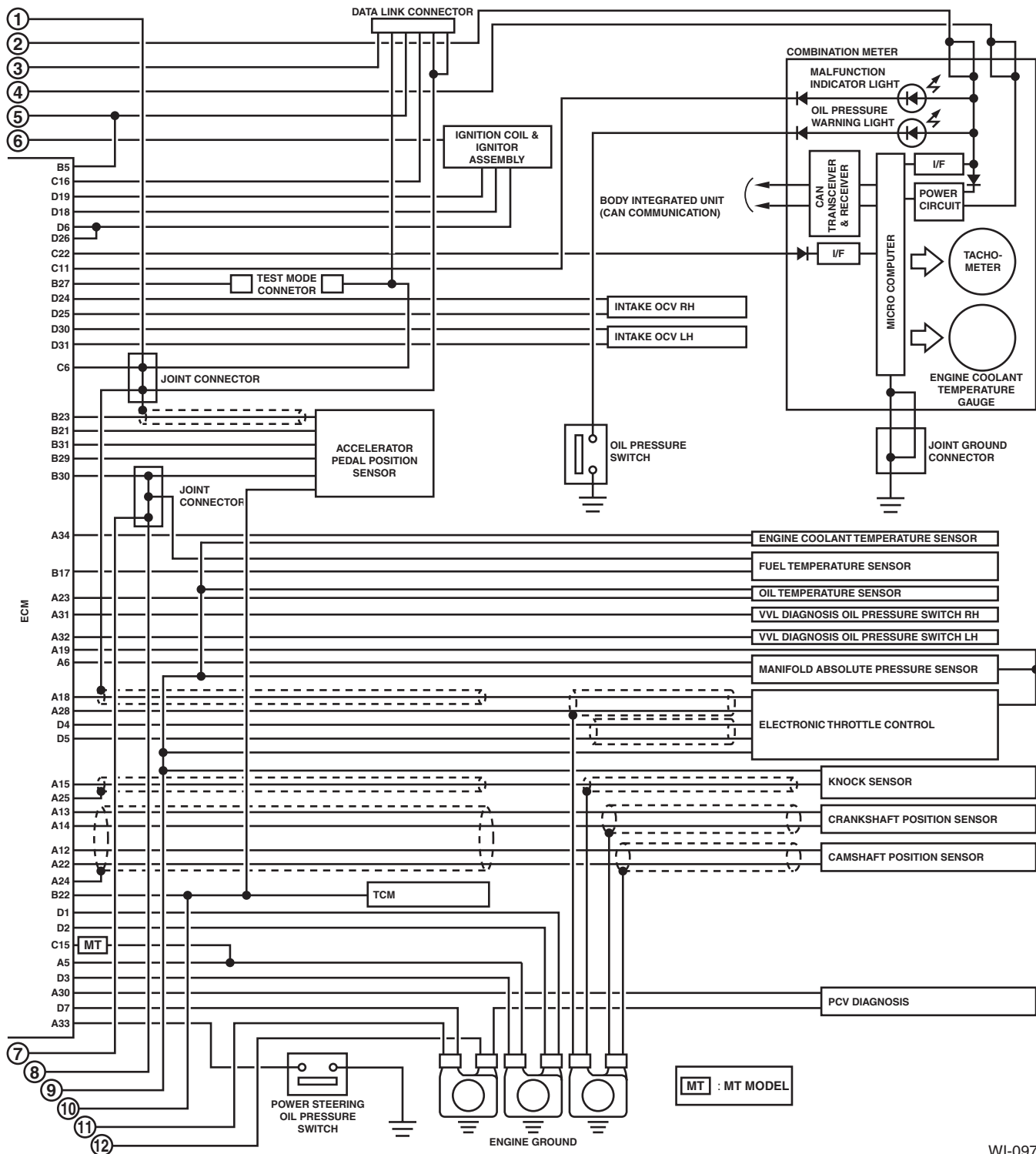
WIRING SYSTEM

5. Engine Electrical System

A: WIRING DIAGRAM

1. 2.5 L NON-TURBO MODEL

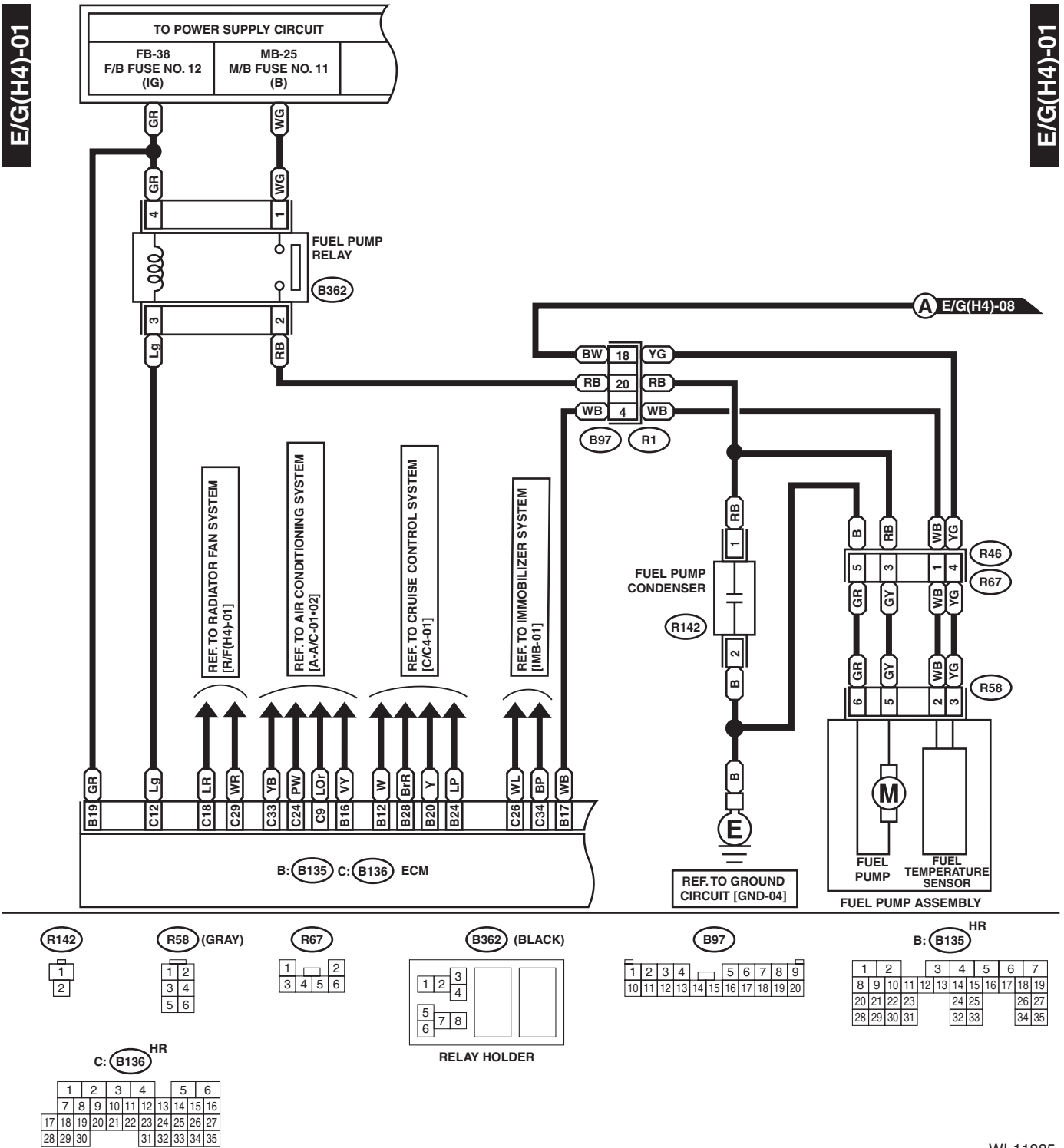


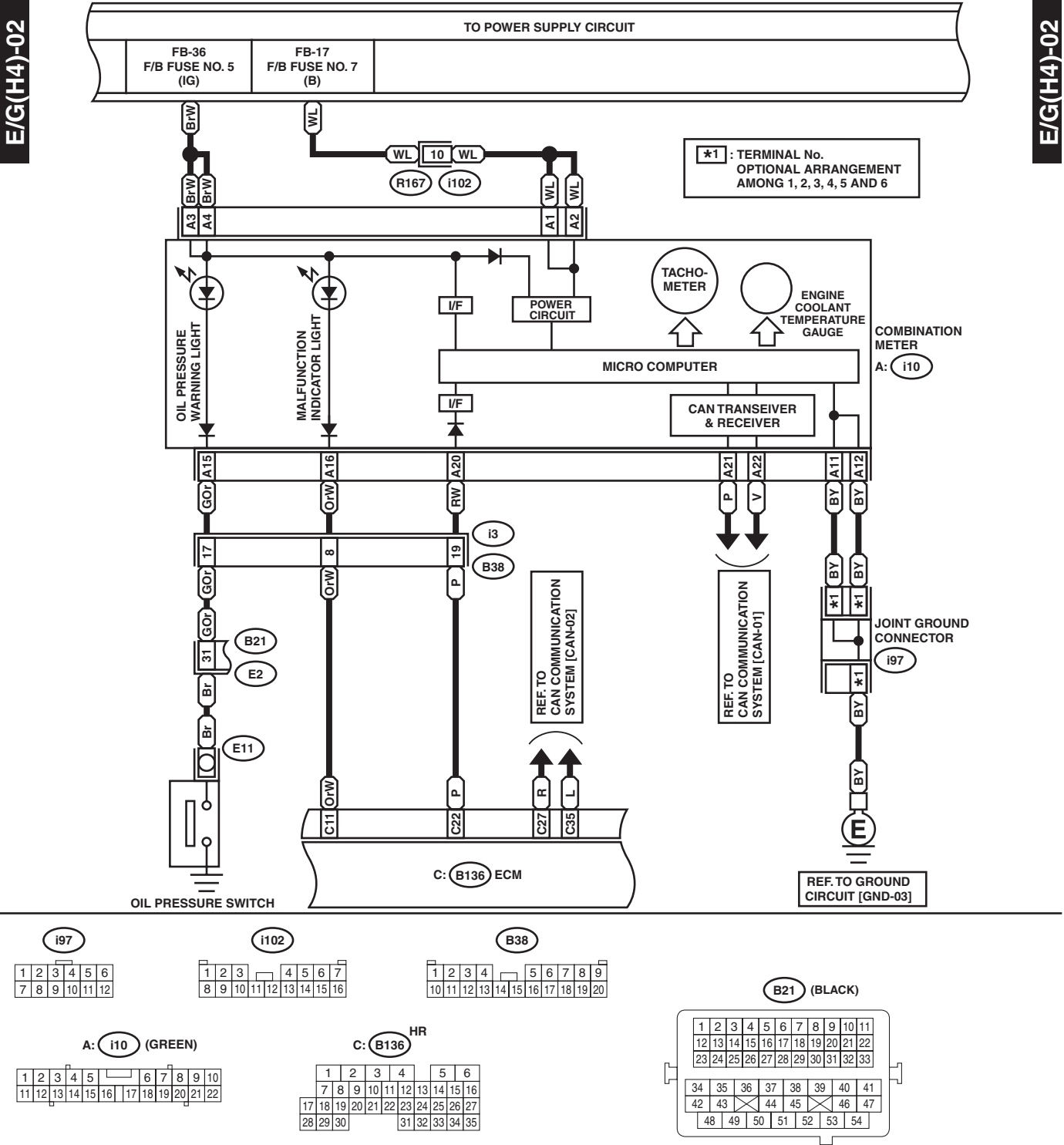


WI-09702

Engine Electrical System

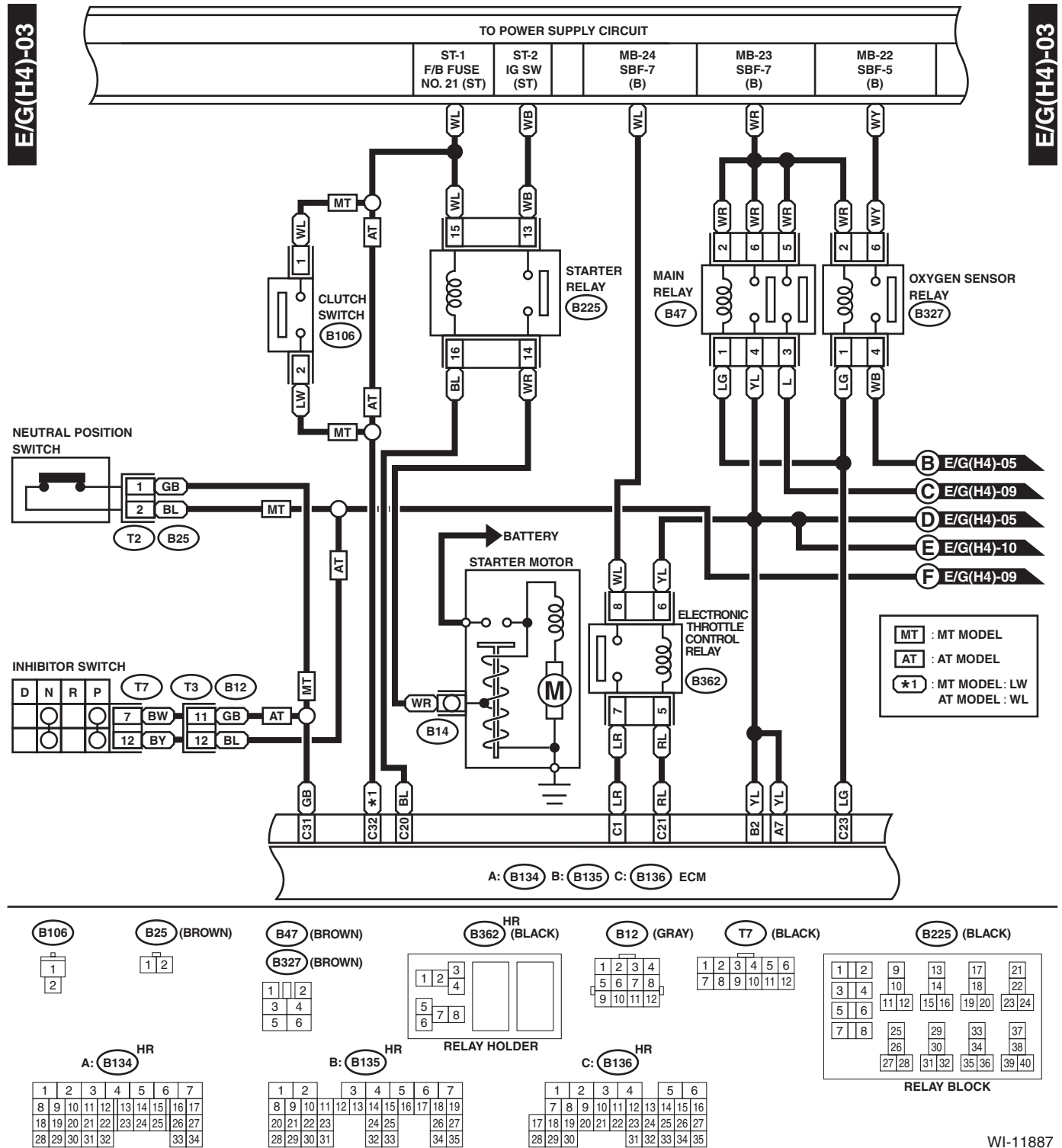
WIRING SYSTEM

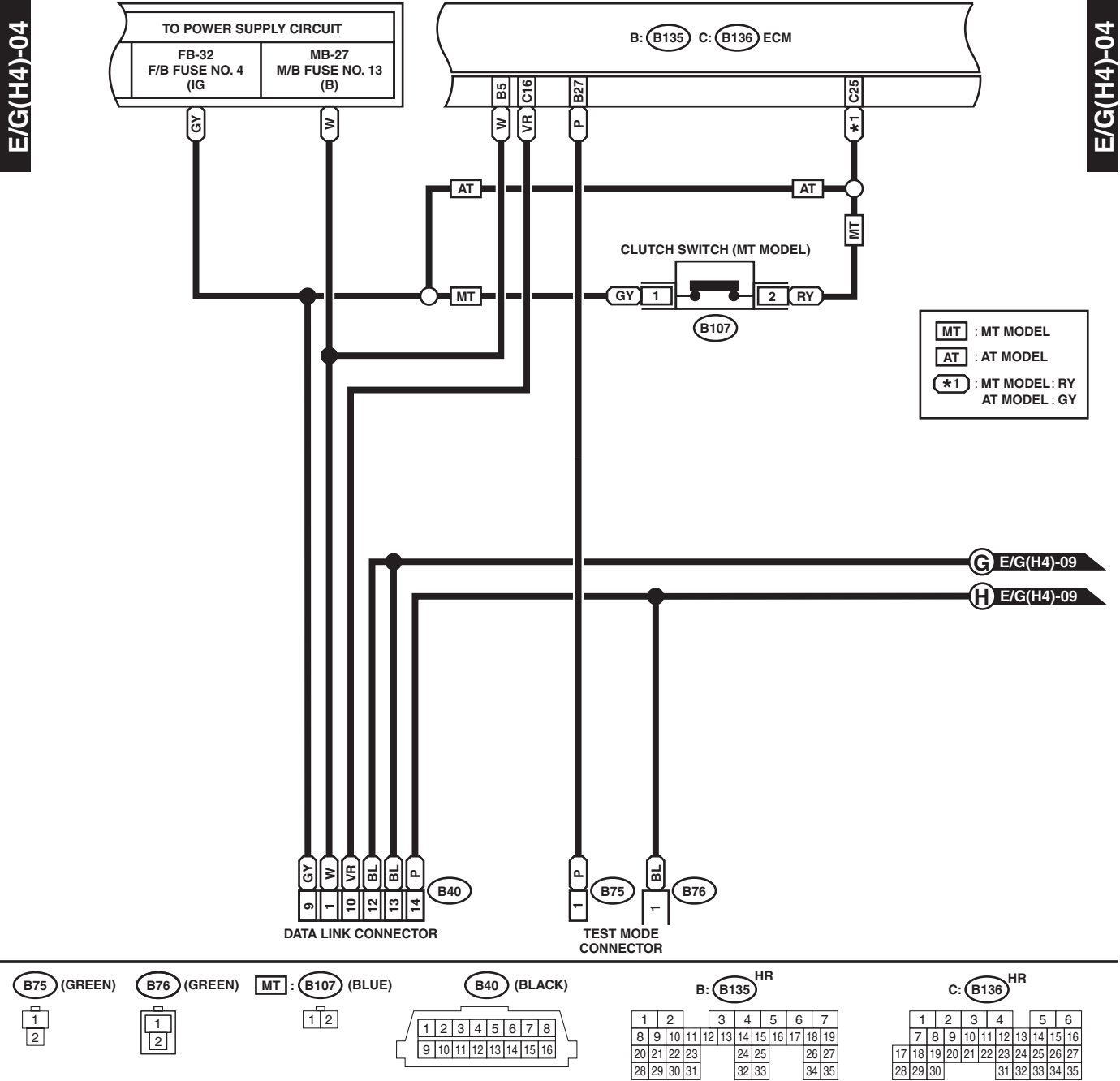




Engine Electrical System

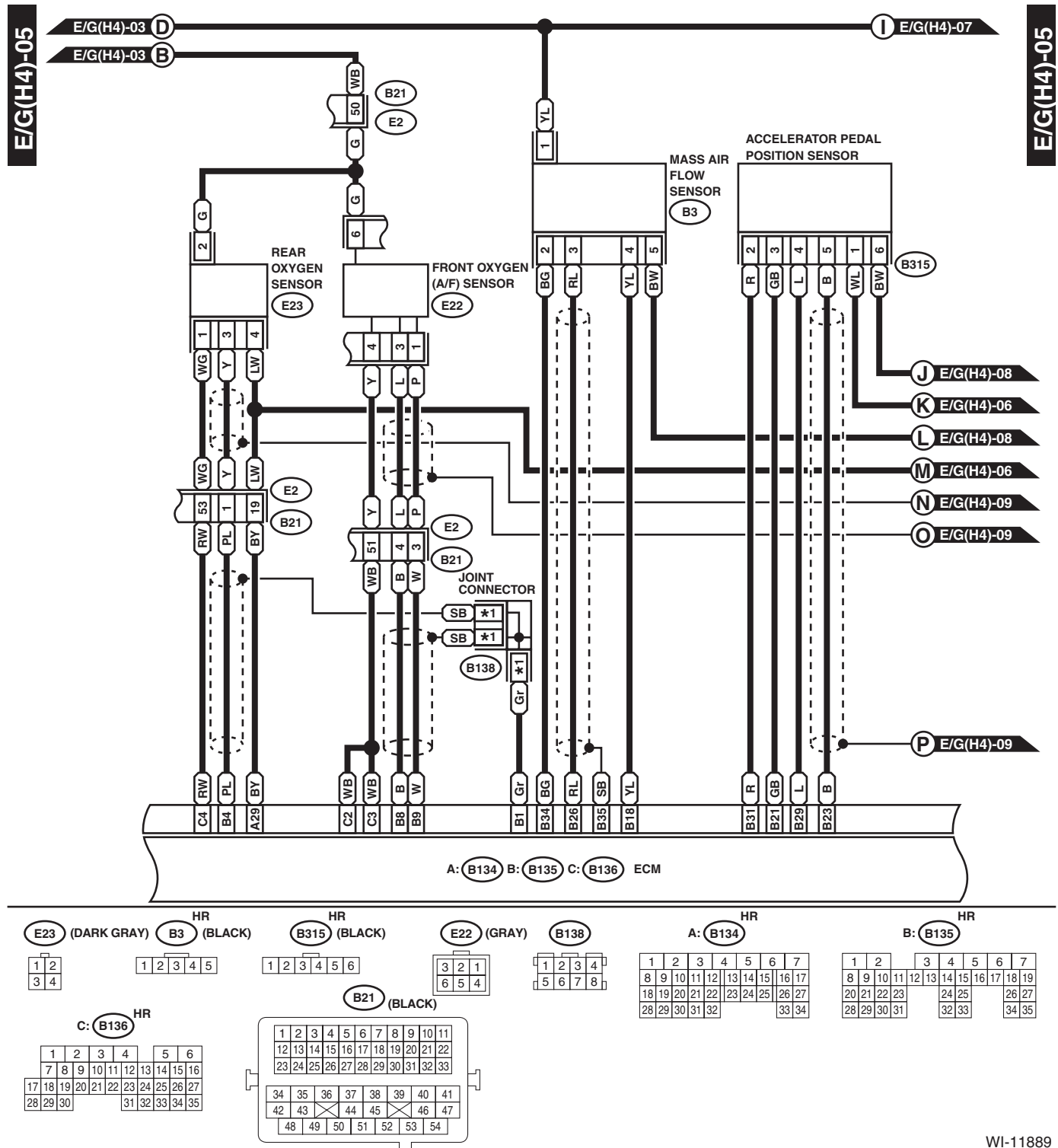
WIRING SYSTEM





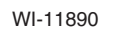
Engine Electrical System

WIRING SYSTEM



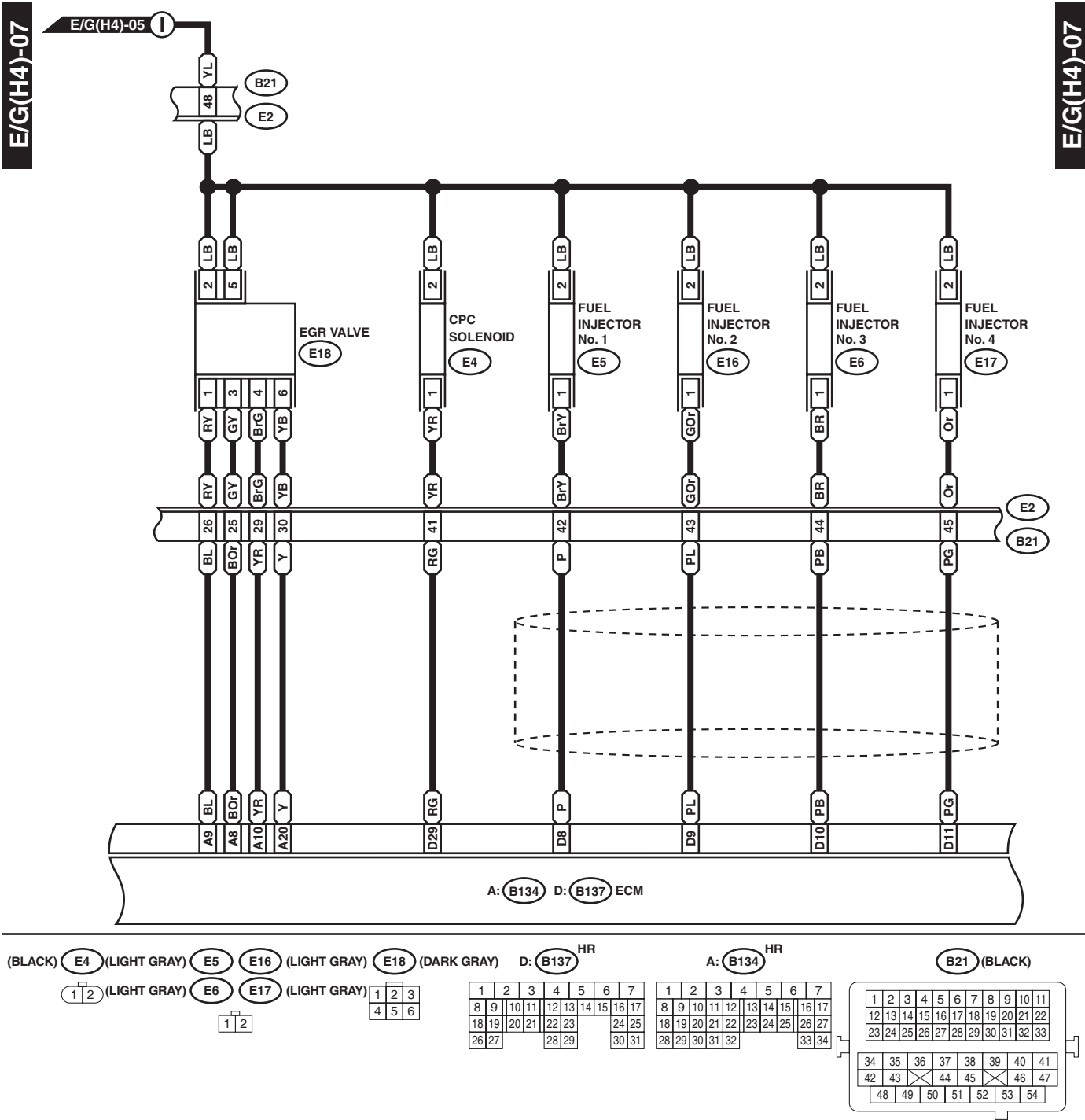
WI-11889

WIRING SYSTEM



Engine Electrical System

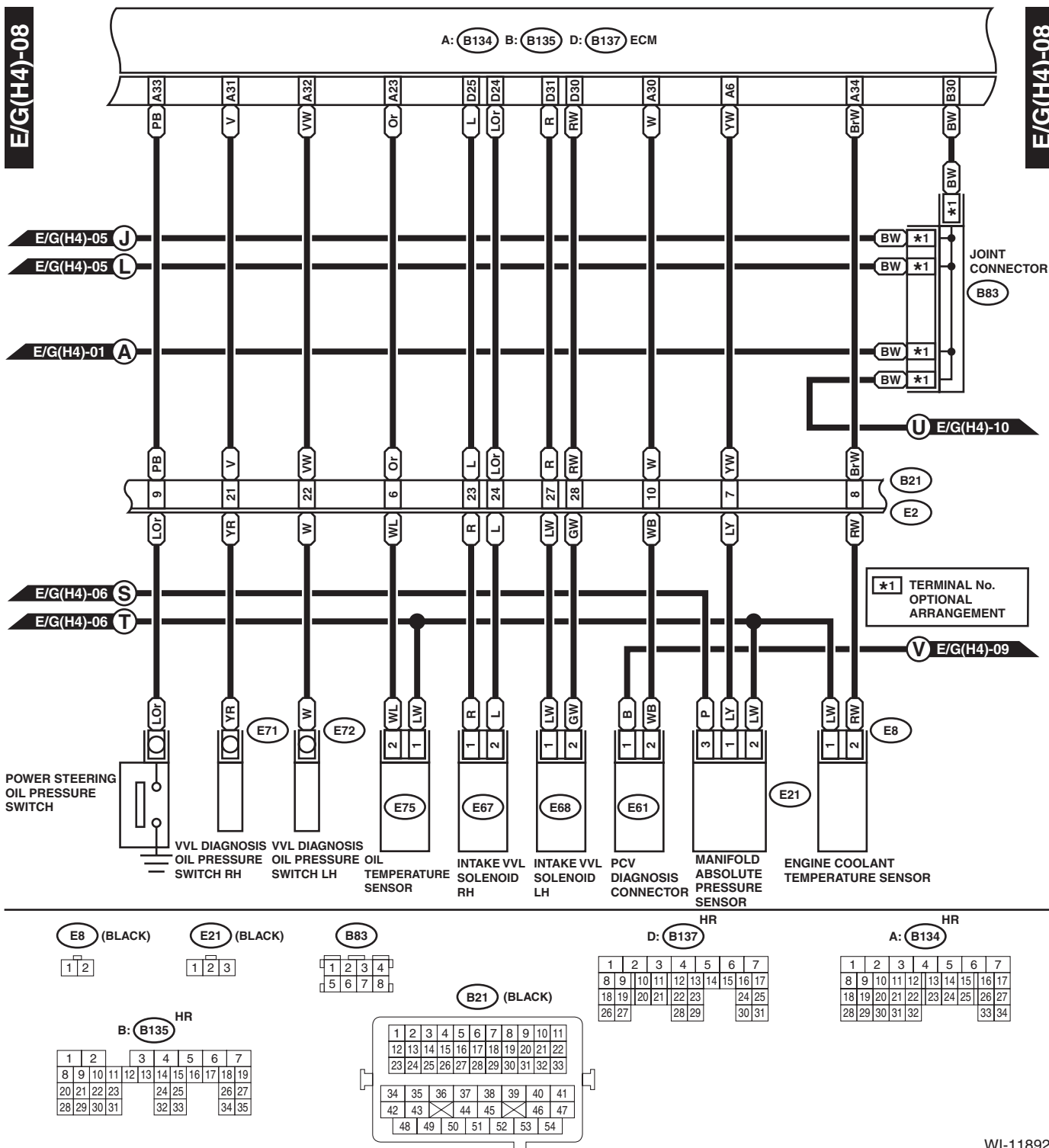
WIRING SYSTEM



WI-11891

Engine Electrical System

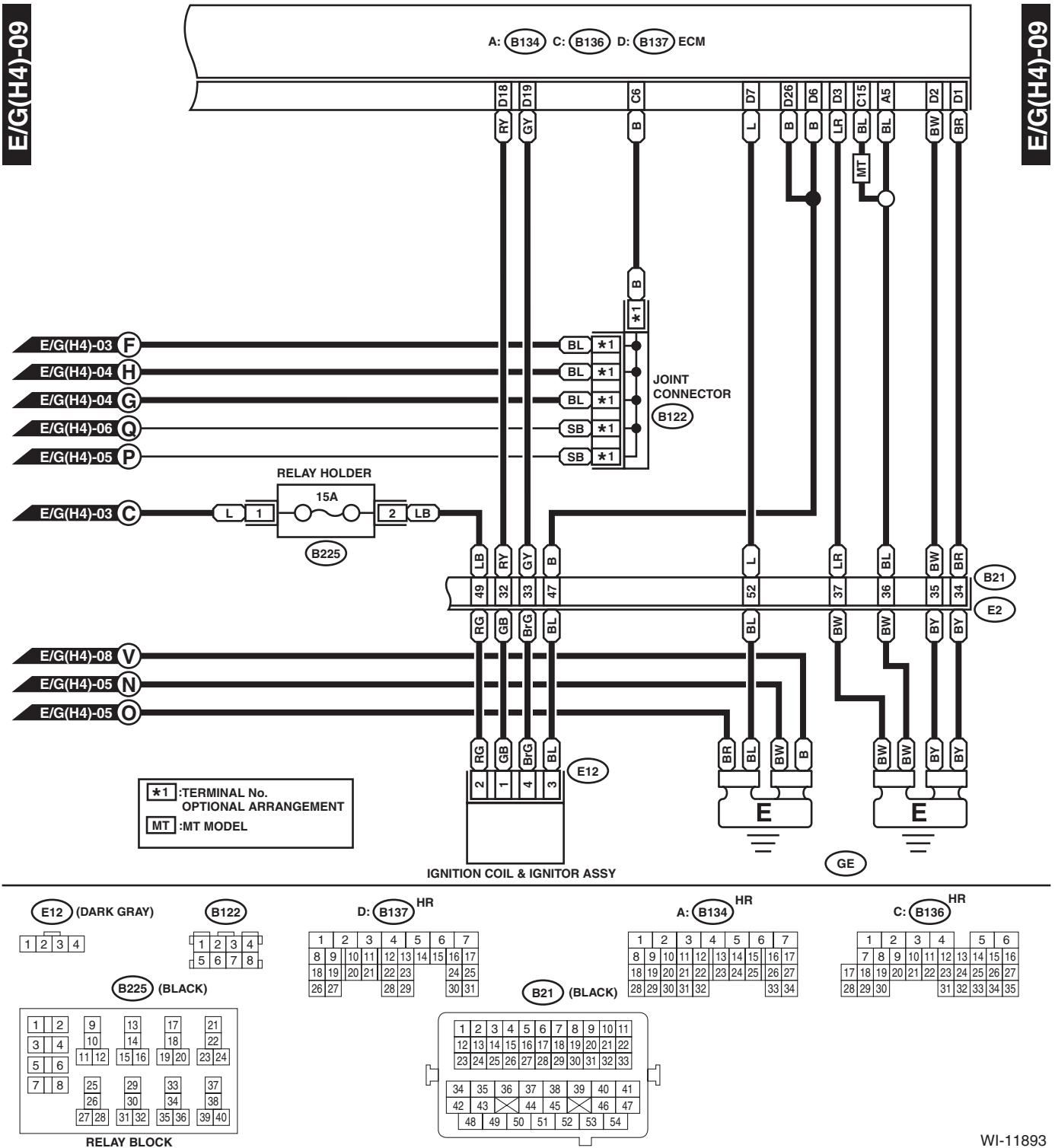
WIRING SYSTEM



WI-11892

Engine Electrical System

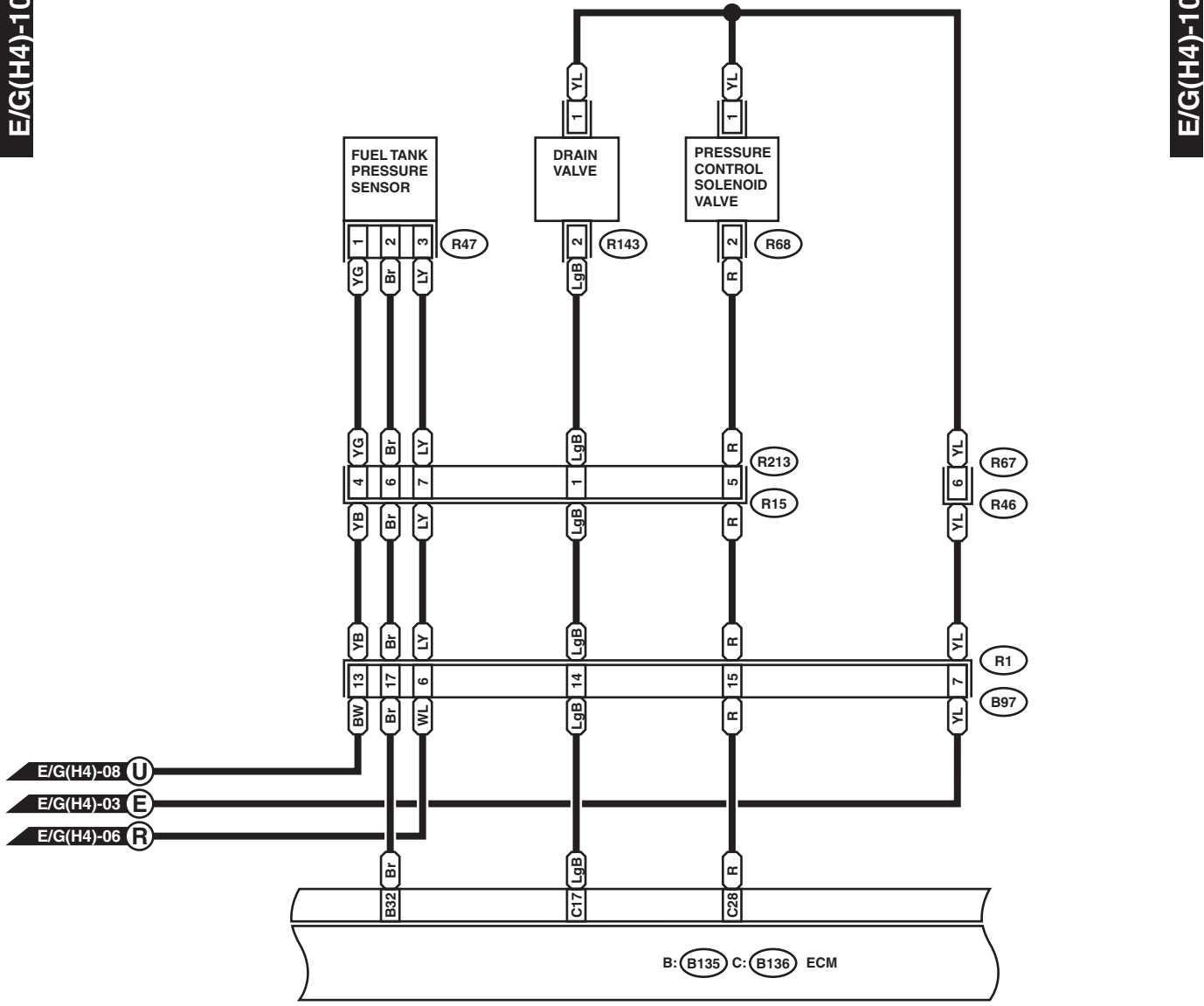
WIRING SYSTEM



WI-11893

E/G(H4)-10

E/G(H4)-10



R68 (DARK GRAY)



R143 (GRAY)



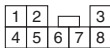
R47 (BLACK)



R67



R213



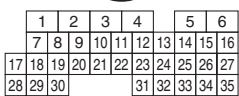
B97



B: (B135) HR



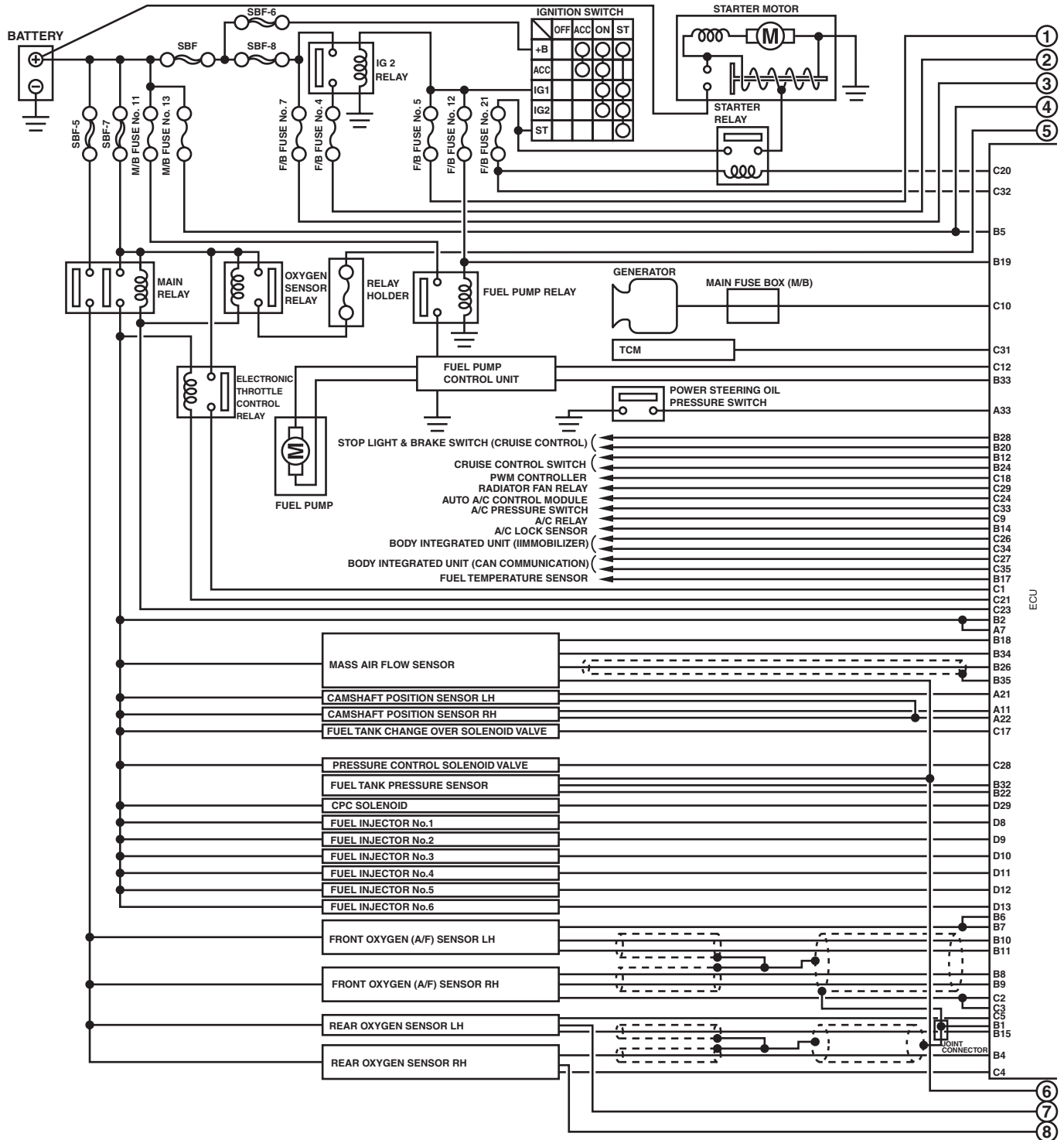
C: (B136) HR



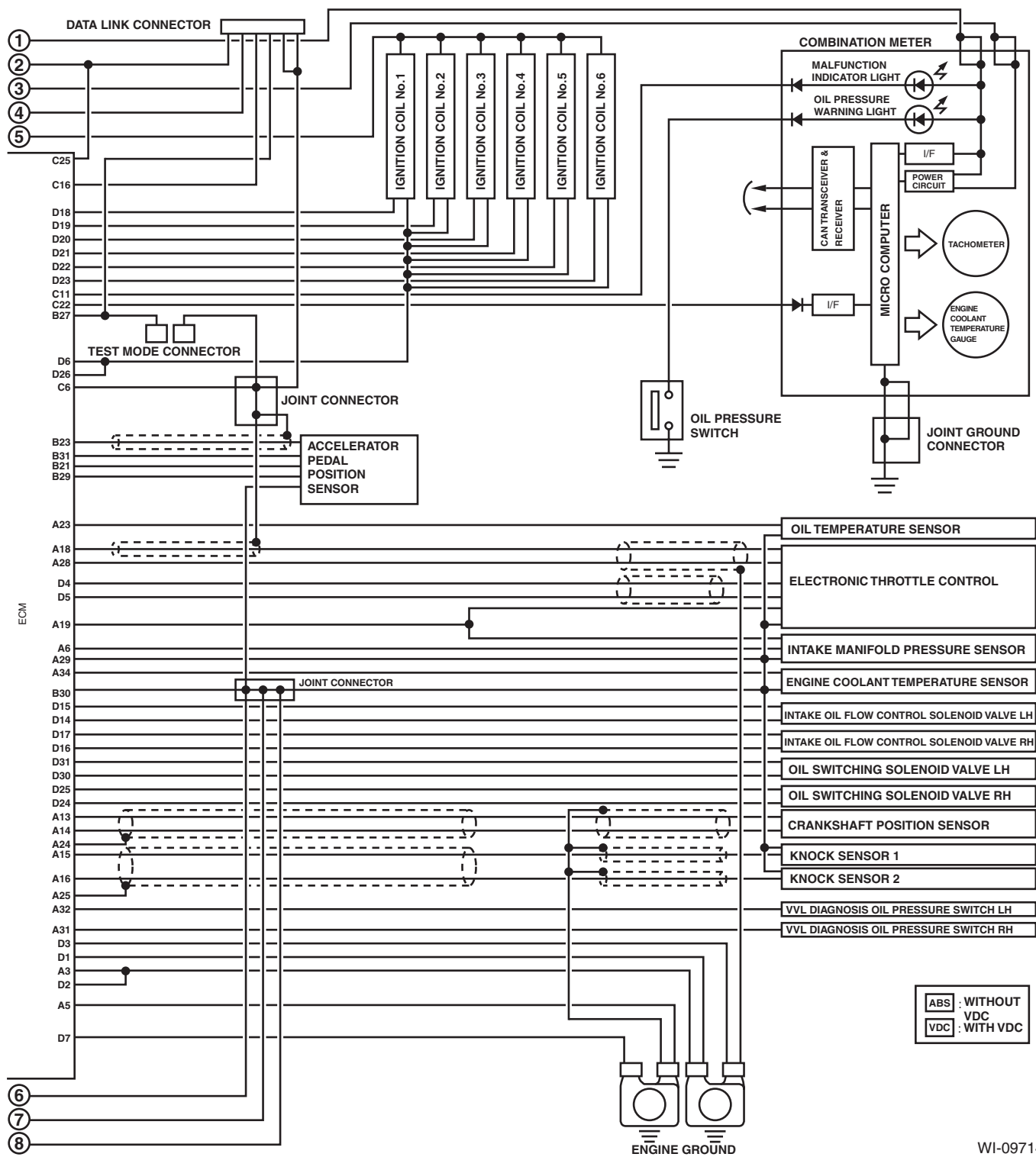
Engine Electrical System

WIRING SYSTEM

2. 3.0 L MODEL



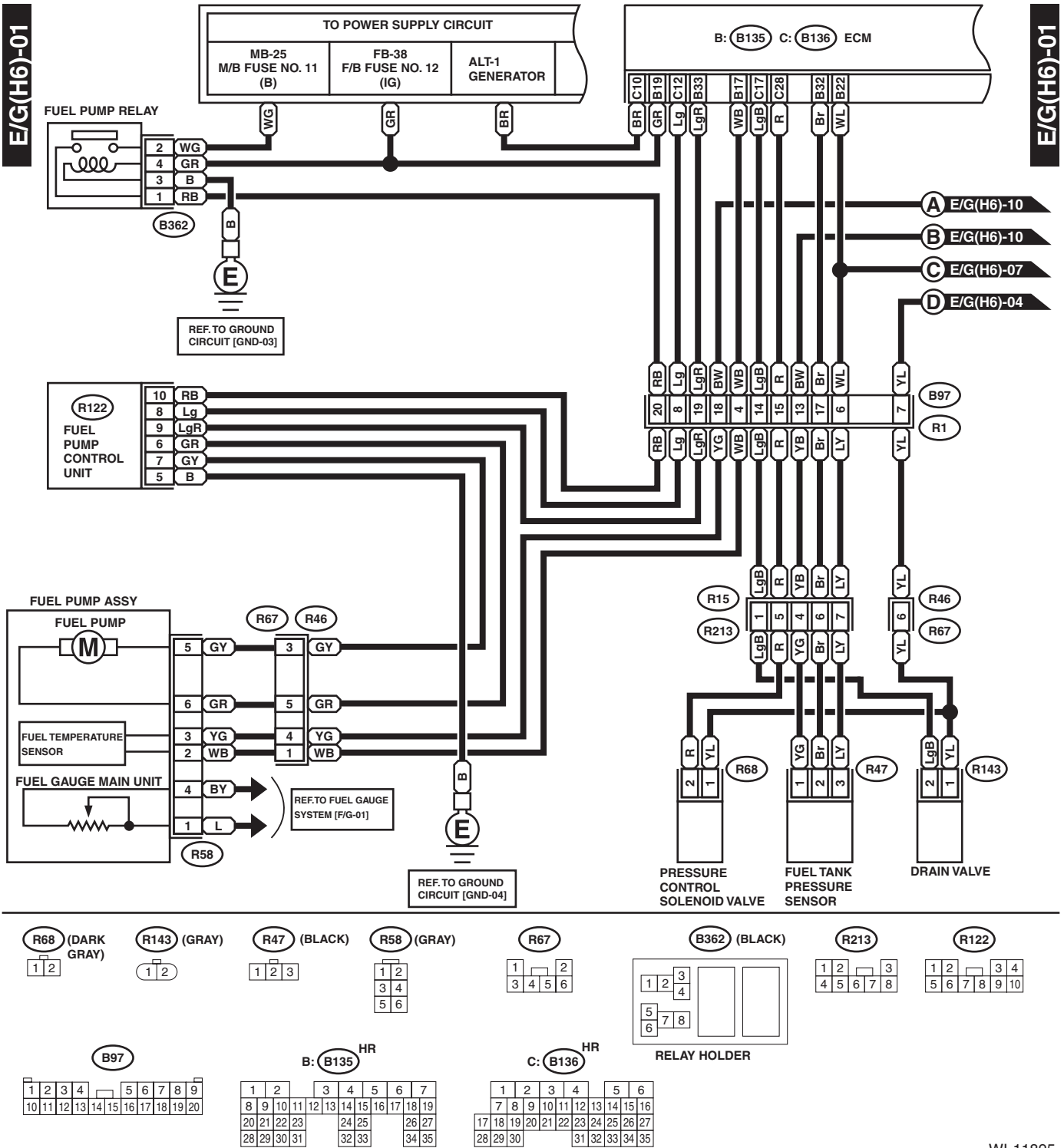
WI-09713



WI-09714

Engine Electrical System

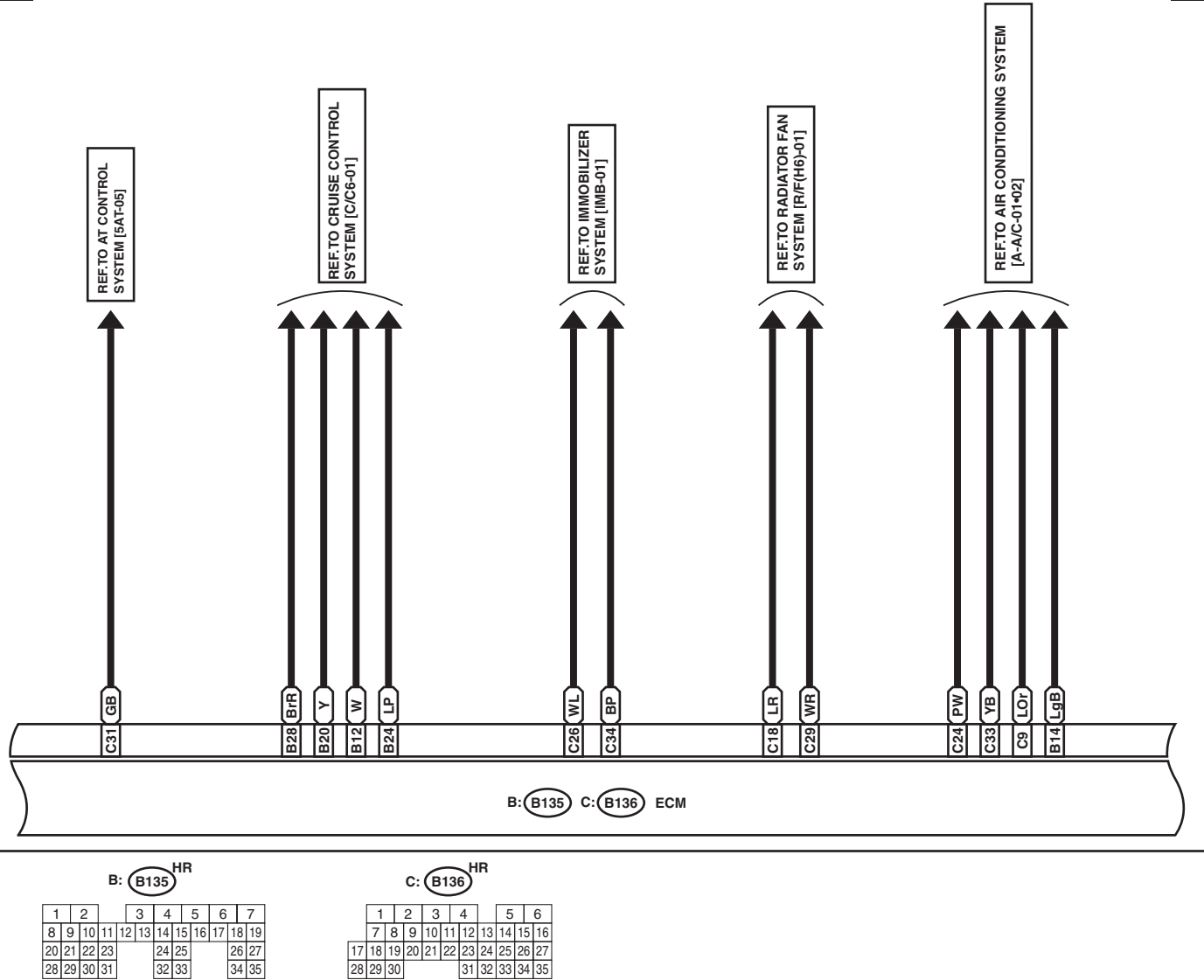
WIRING SYSTEM



WI-11895

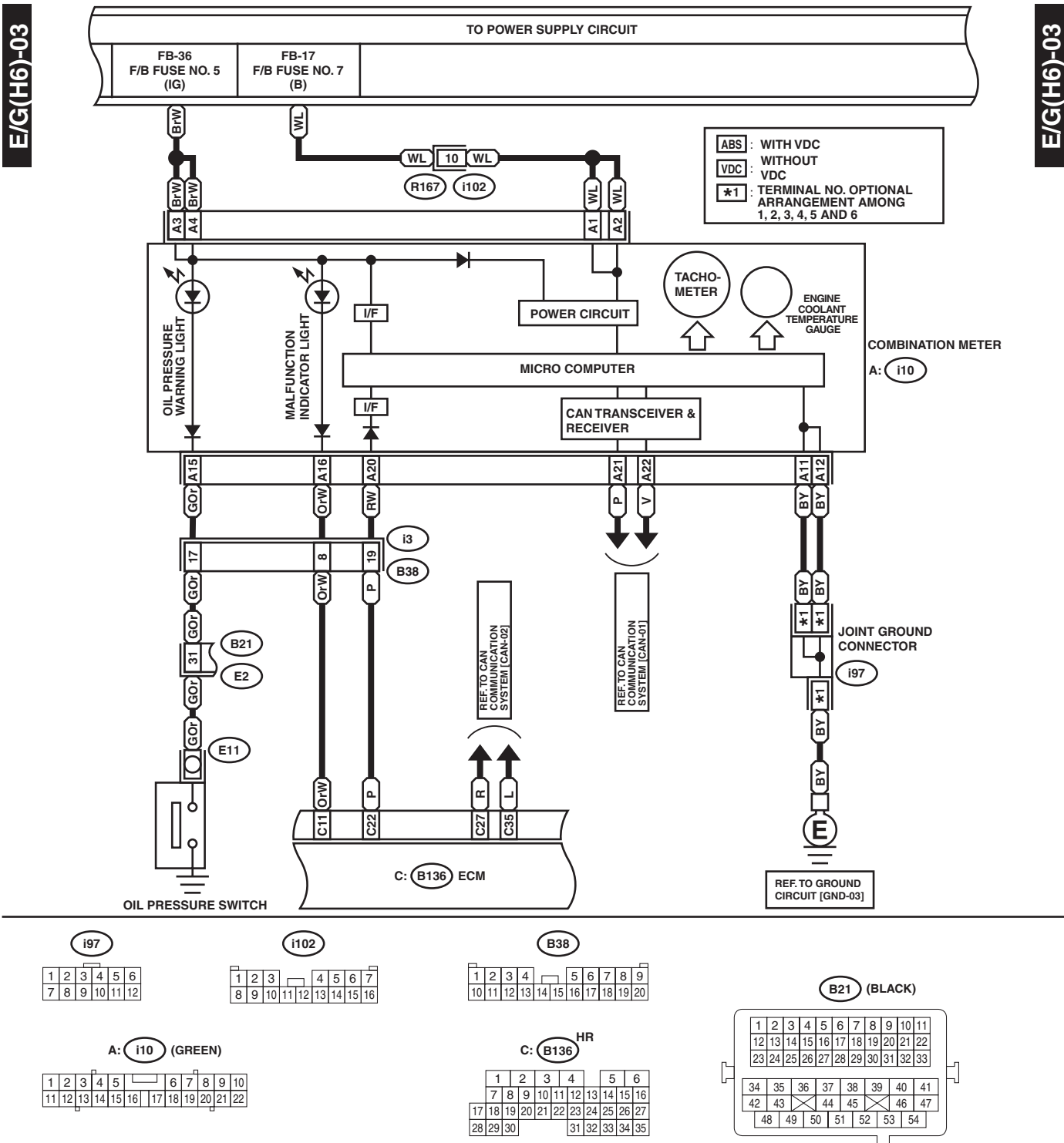
E/G(H6)-02

E/G(H6)-02

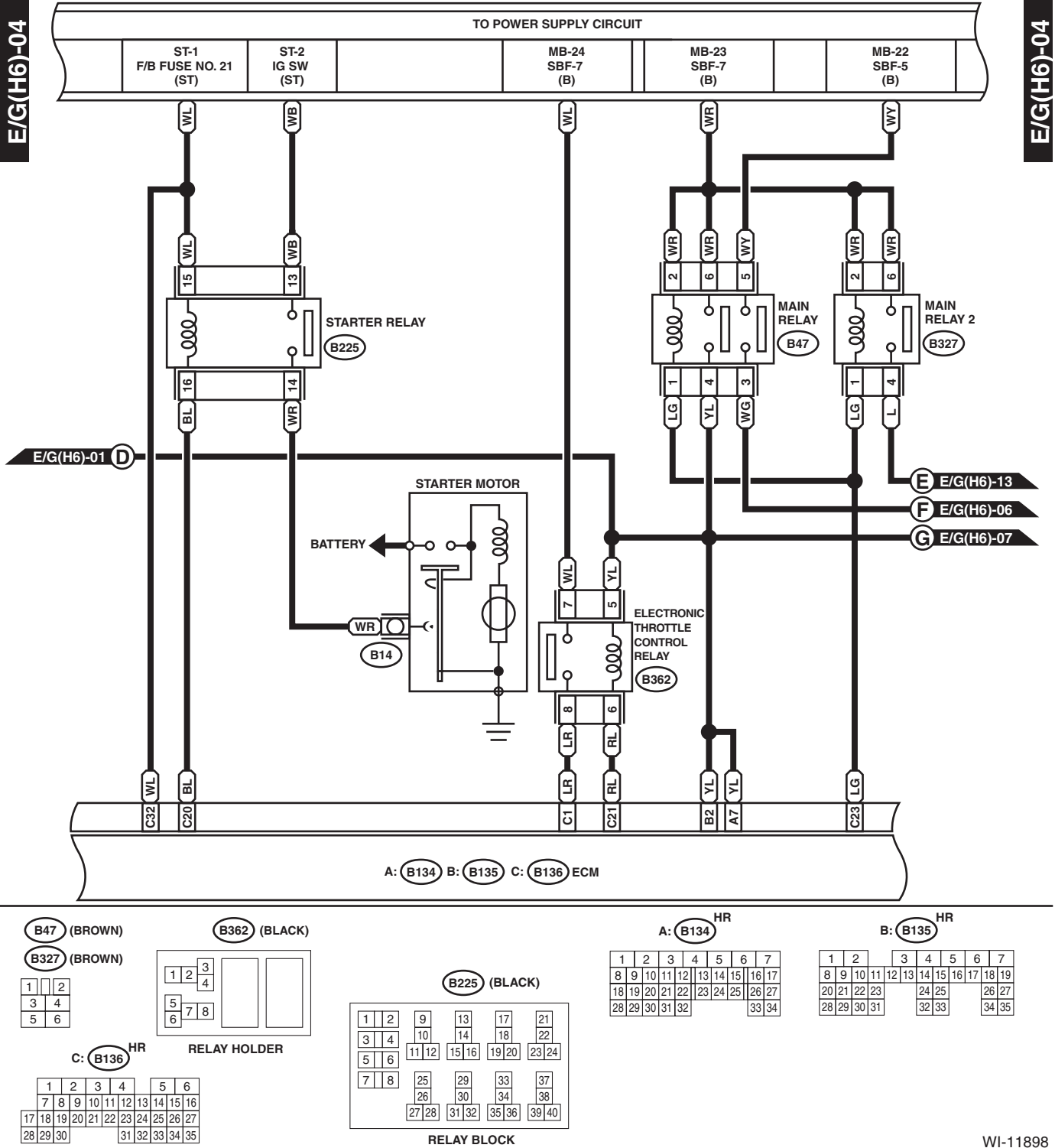


Engine Electrical System

WIRING SYSTEM

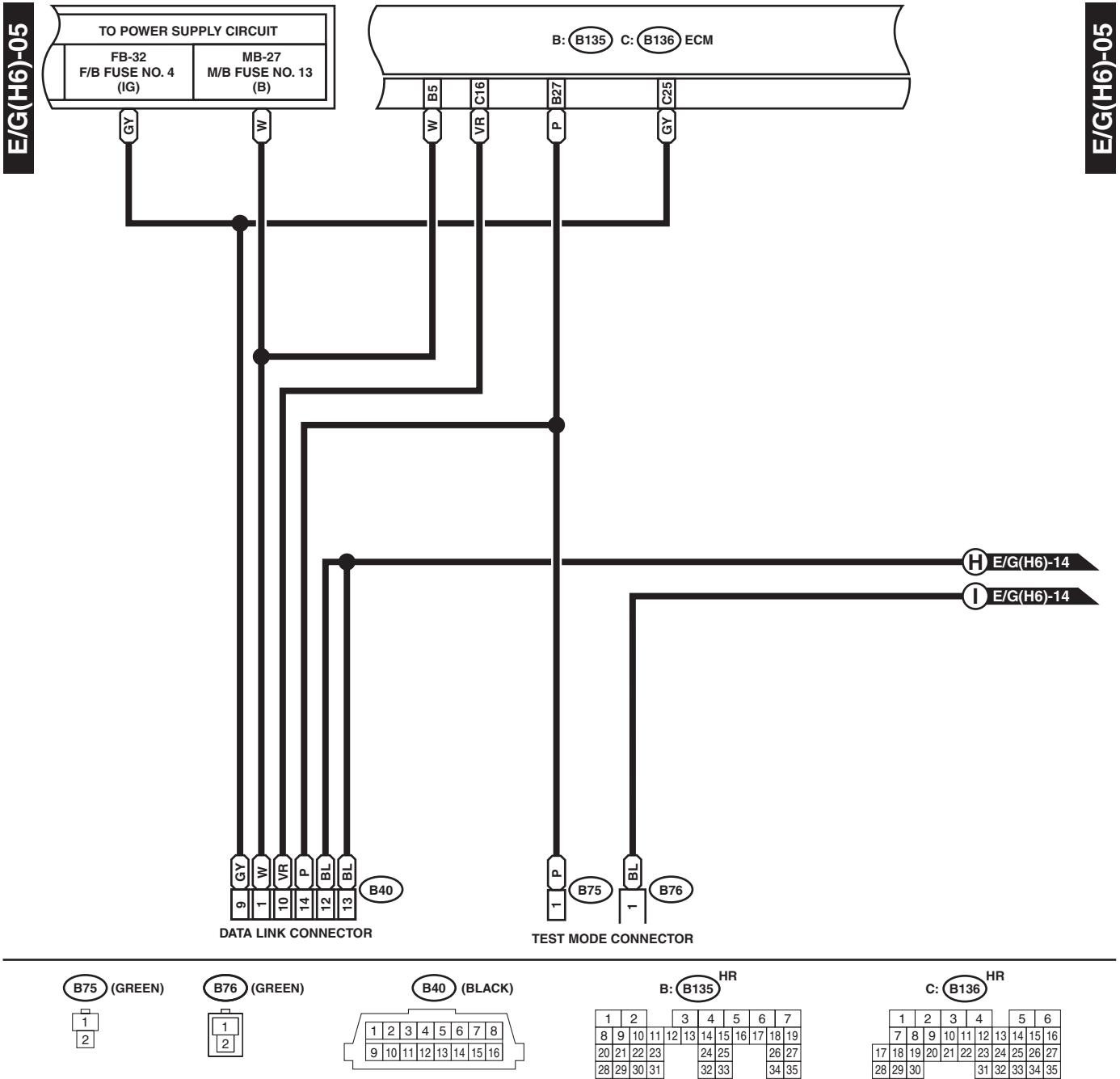


WI-11897



Engine Electrical System

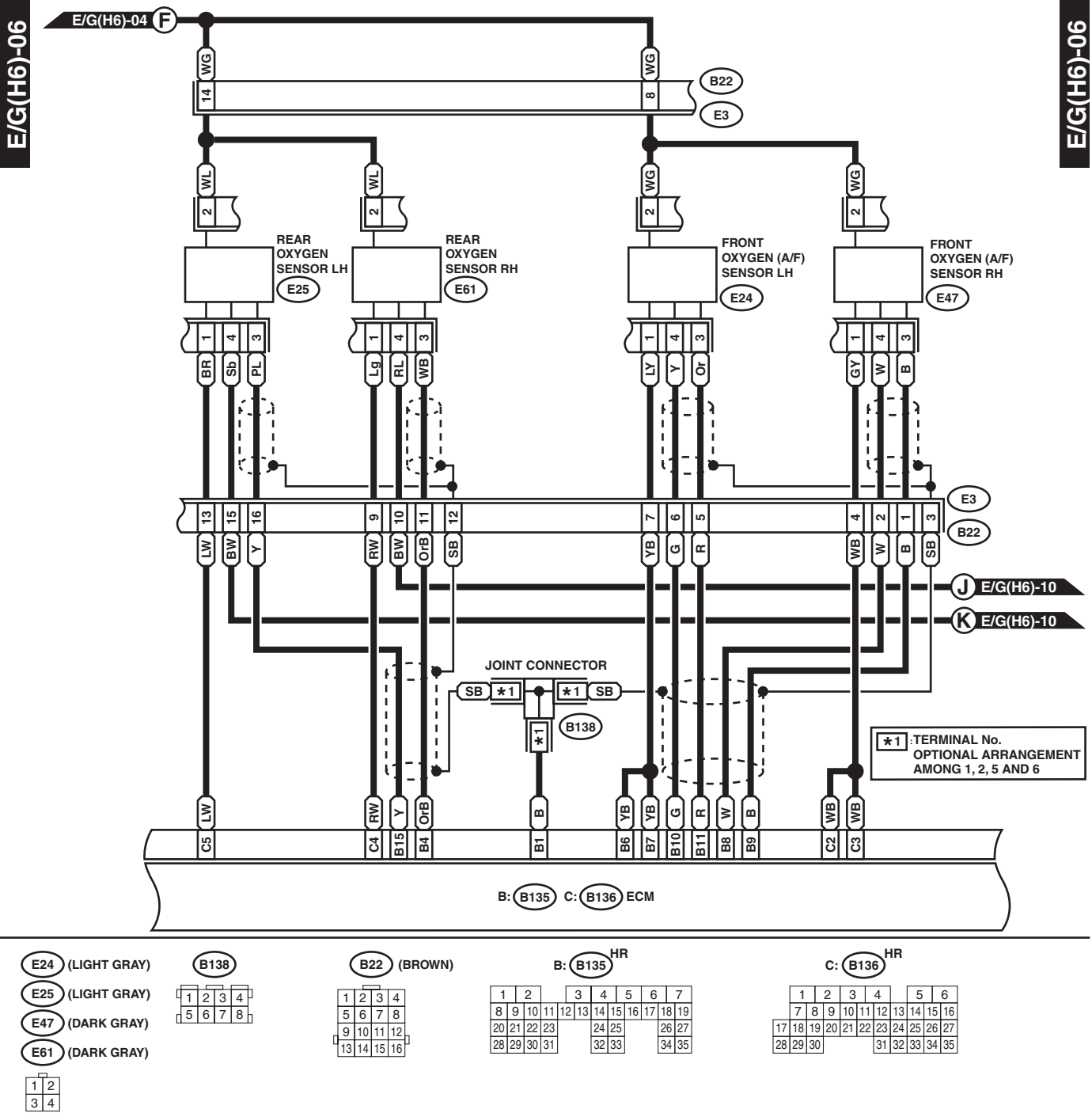
WIRING SYSTEM



WI-11899

Engine Electrical System

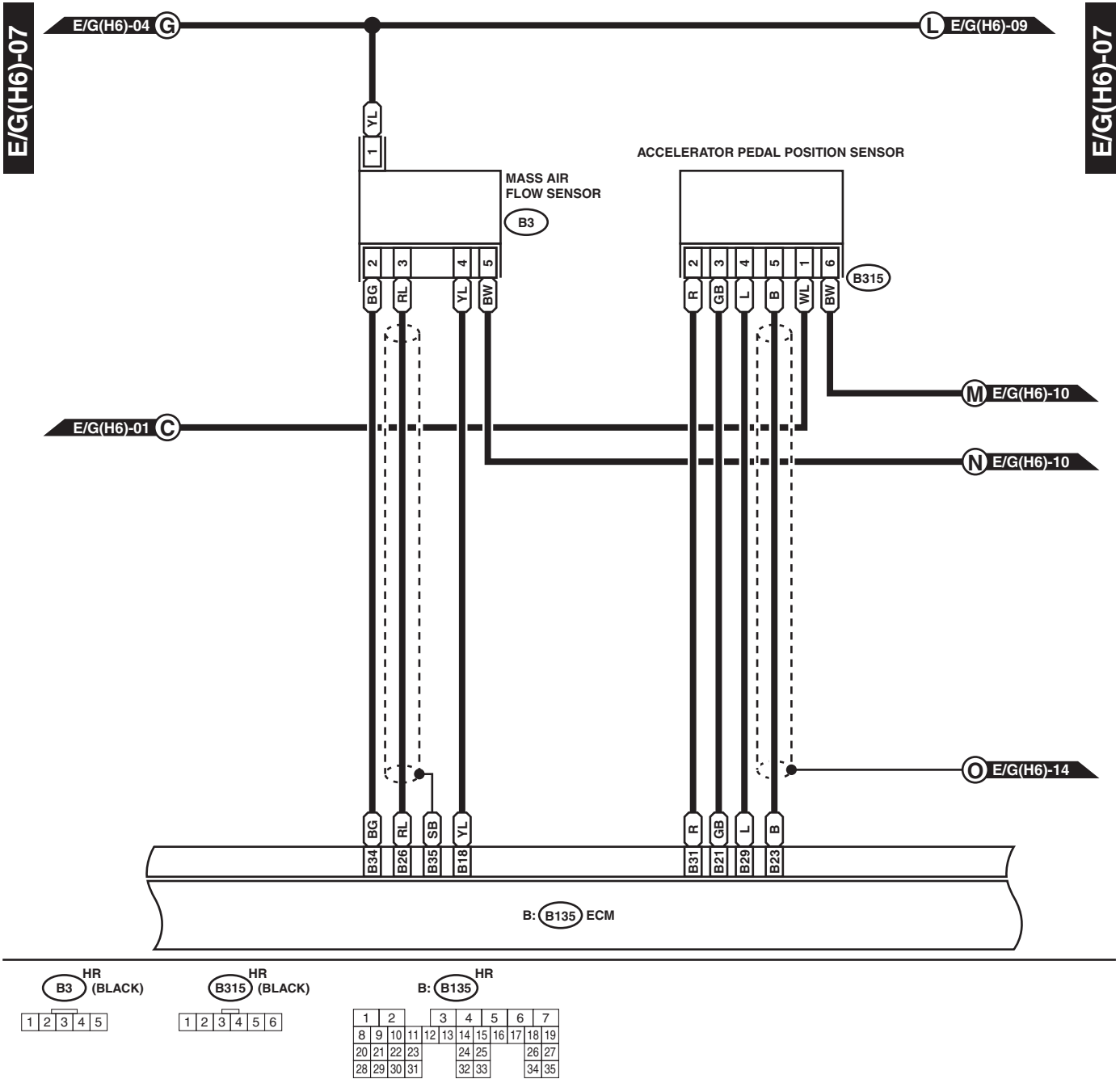
WIRING SYSTEM



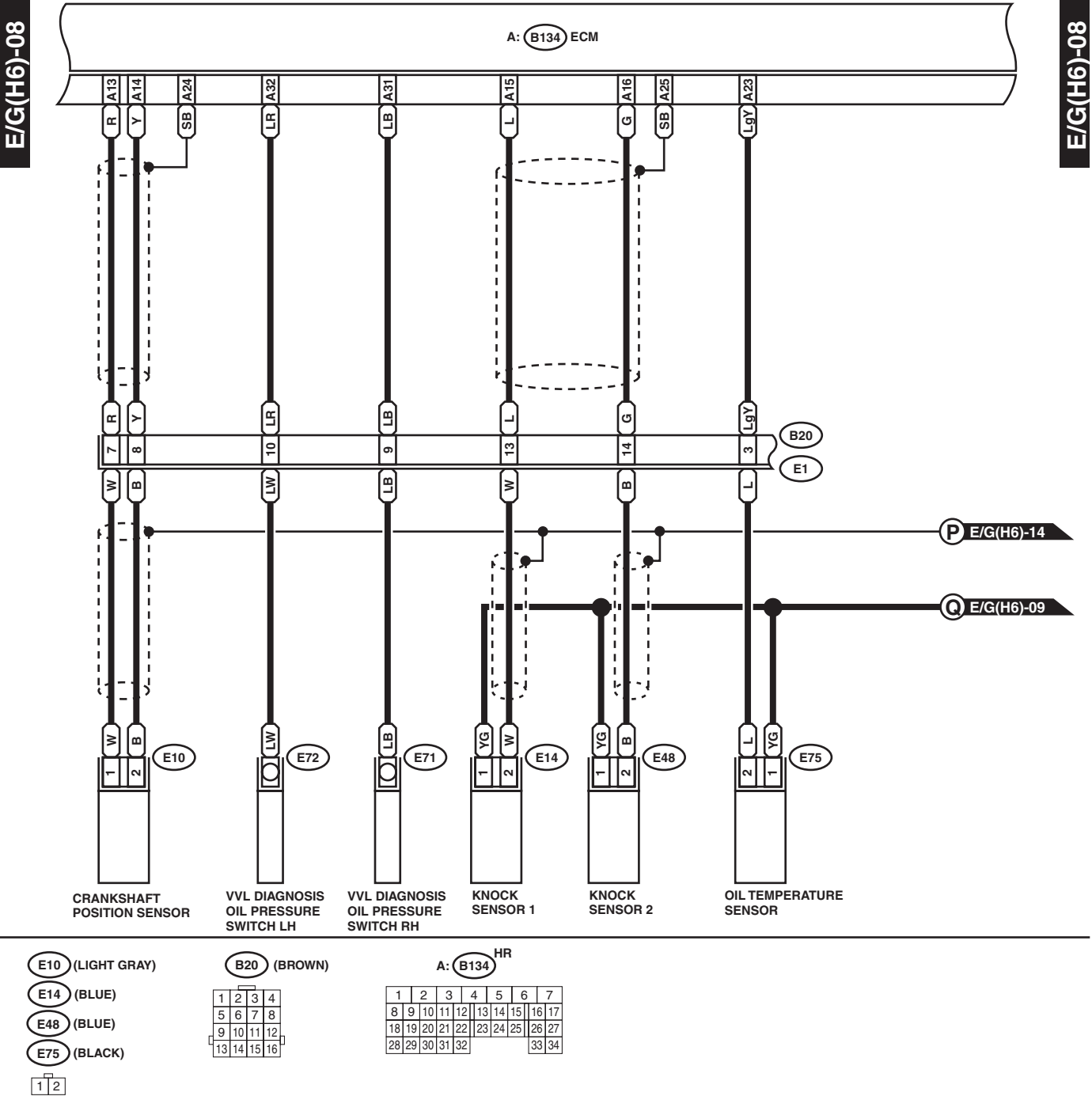
WI-11900

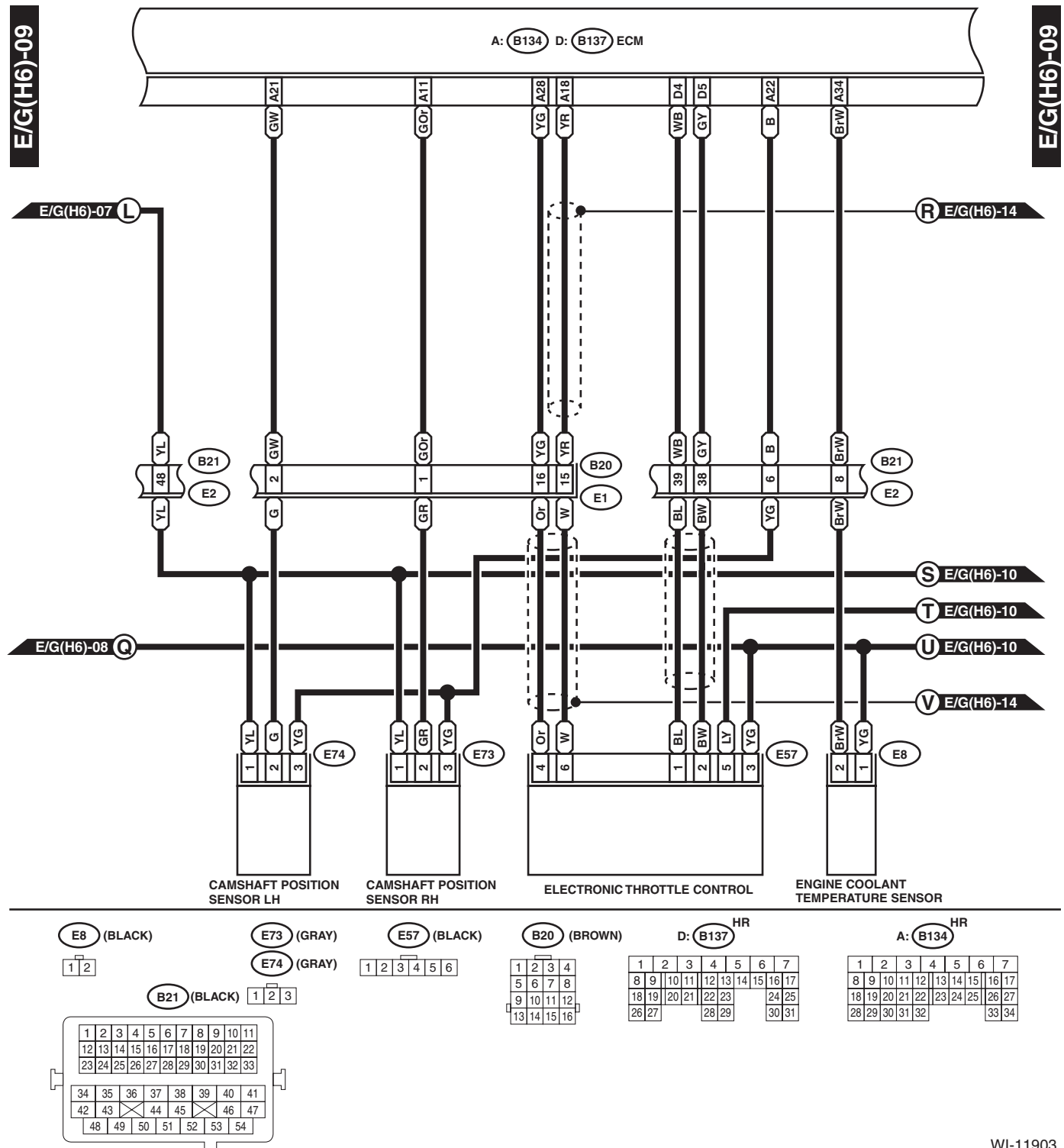
Engine Electrical System

WIRING SYSTEM



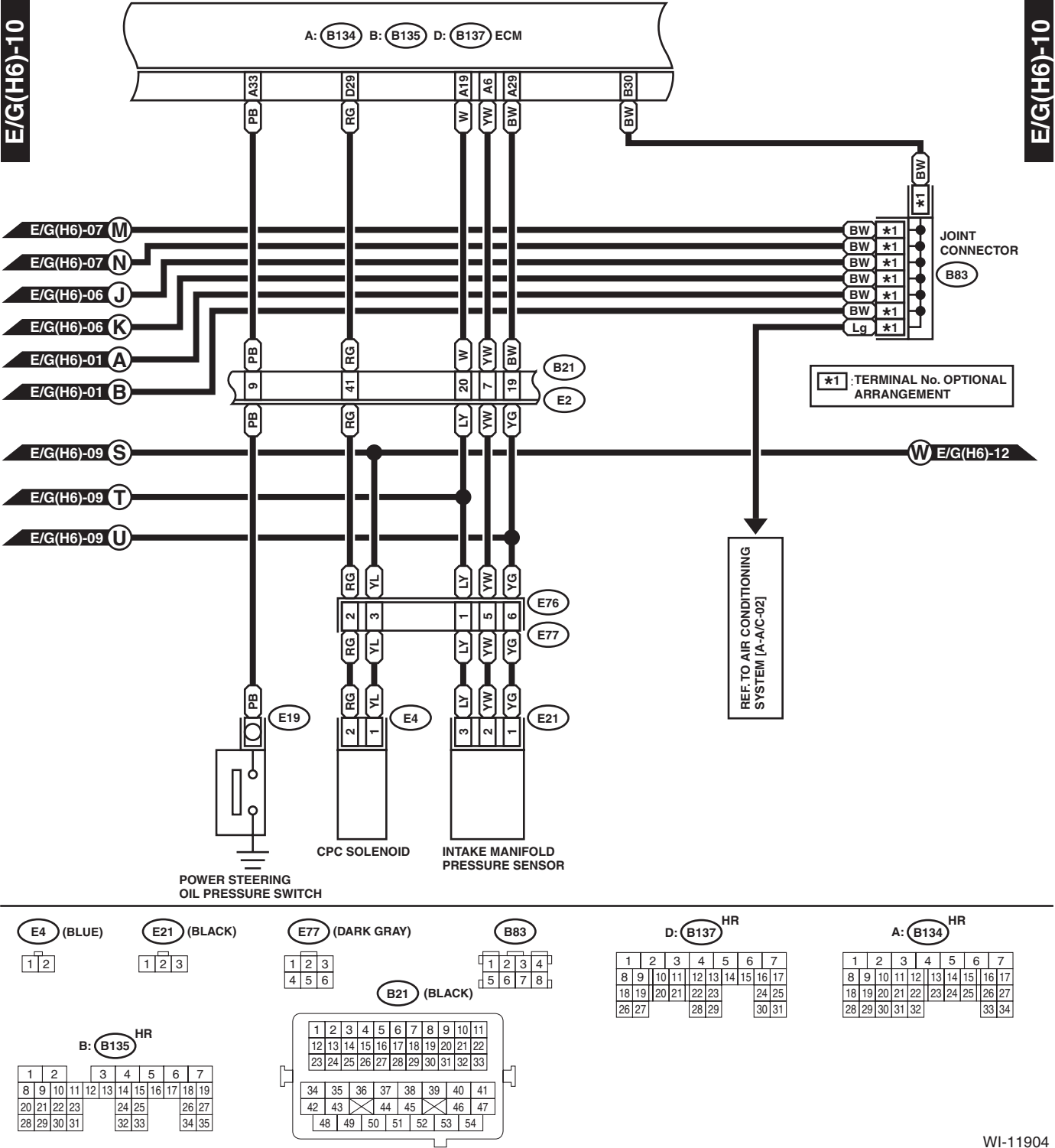
WI-11901





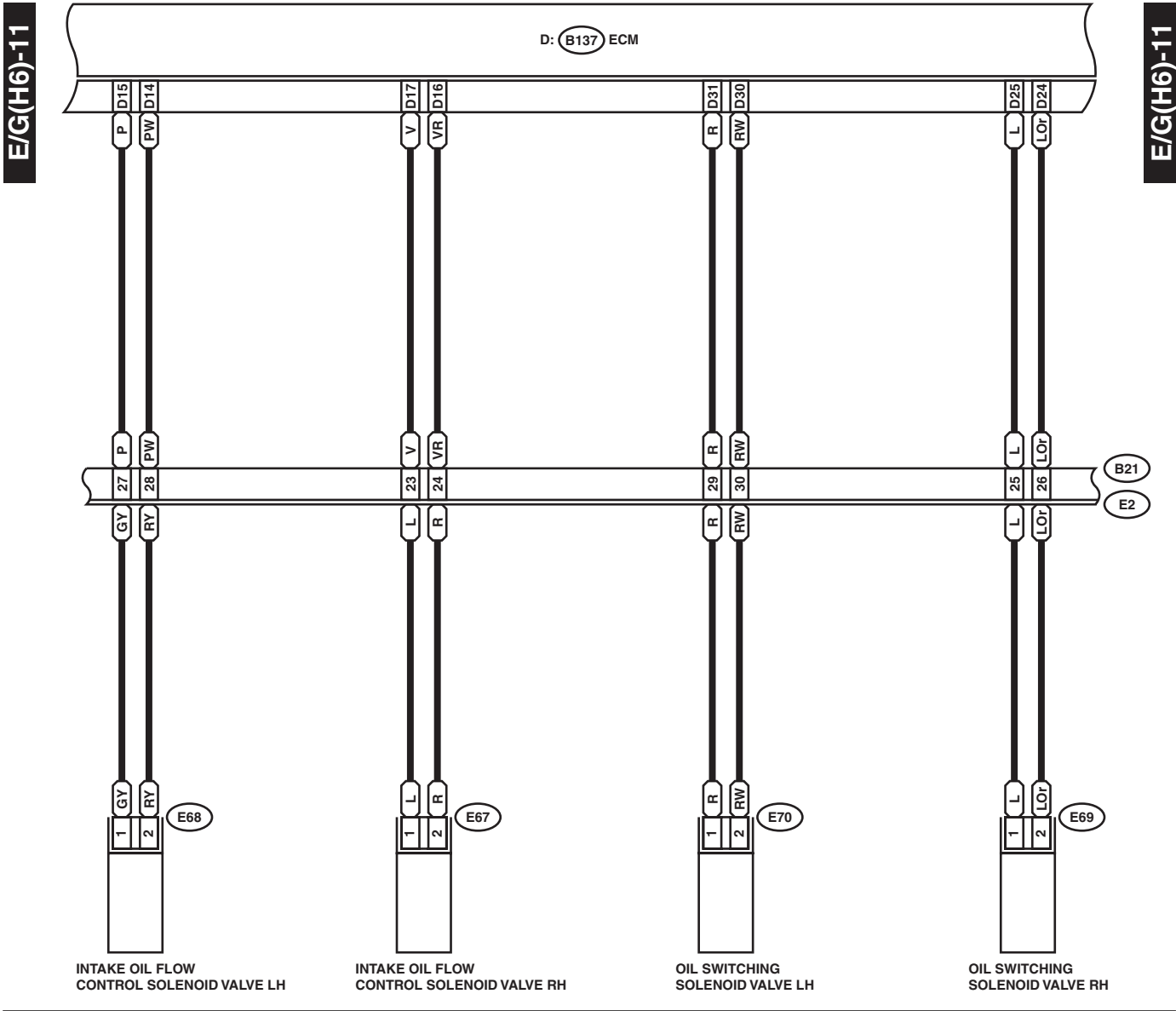
Engine Electrical System

WIRING SYSTEM



Engine Electrical System

WIRING SYSTEM



- (E67) (BLACK)
 - (E68) (BLACK)
 - (E69) (BLUE)
 - (E70) (BLUE)
- | | |
|---|---|
| 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				

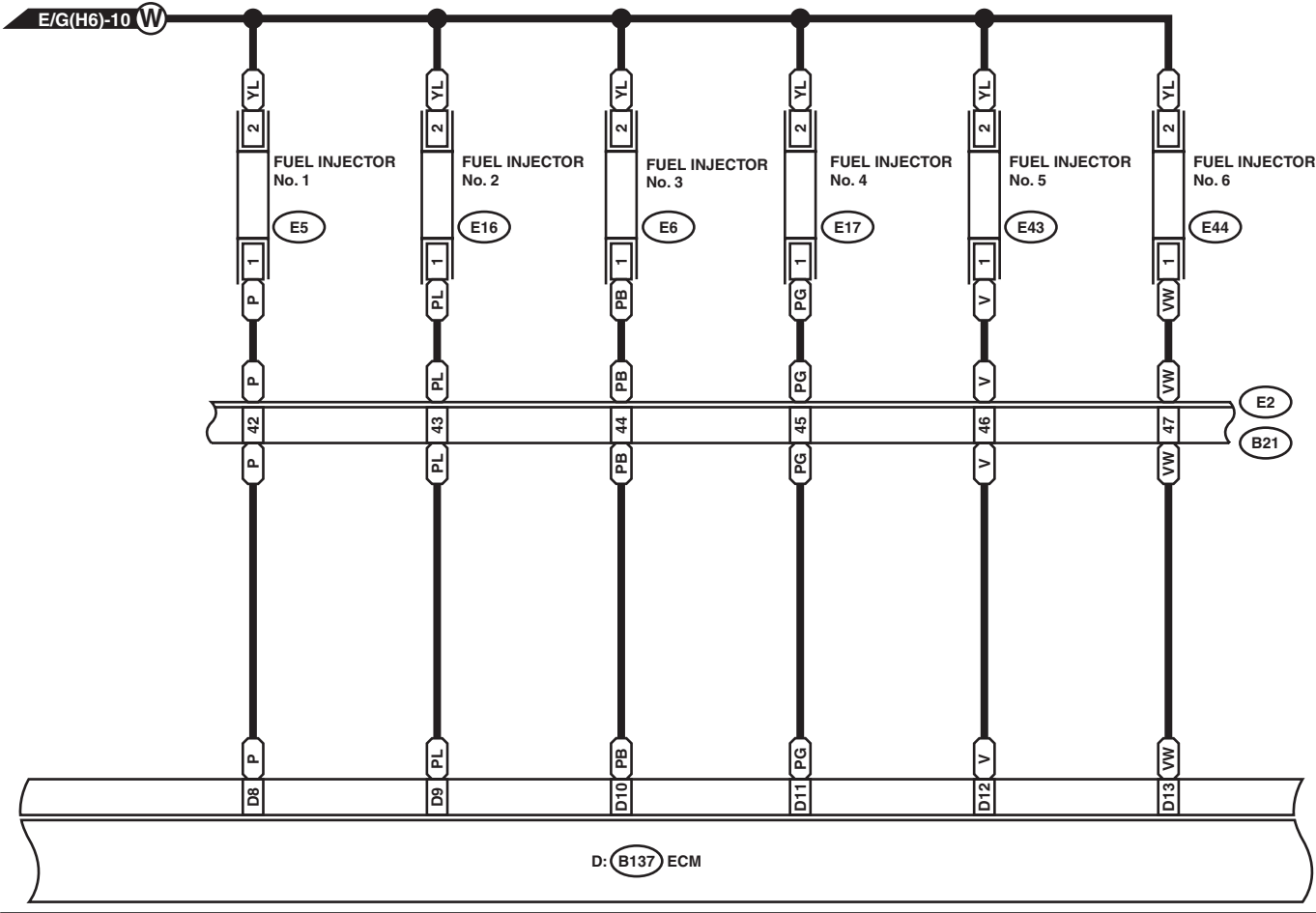
(B21) (BLACK)

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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-11905

E/G(H6)-12

E/G(H6)-12



- (DARK GRAY) E5 E17 (DARK GRAY)
(DARK GRAY) E6 E43 (DARK GRAY)
(DARK GRAY) E16 E44 (DARK GRAY)
- 1 2

D: B137 HR

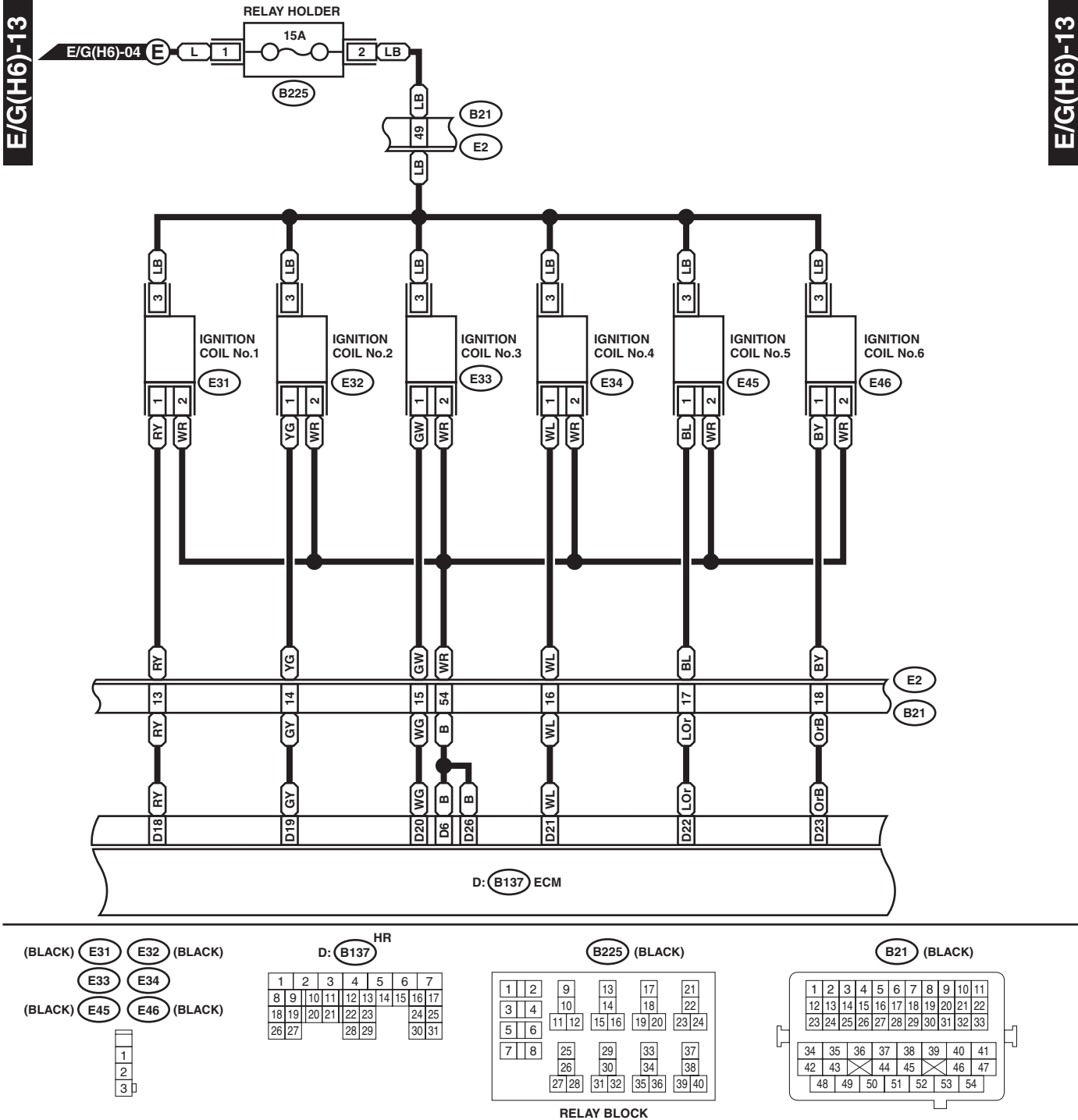
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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

B21 (BLACK)

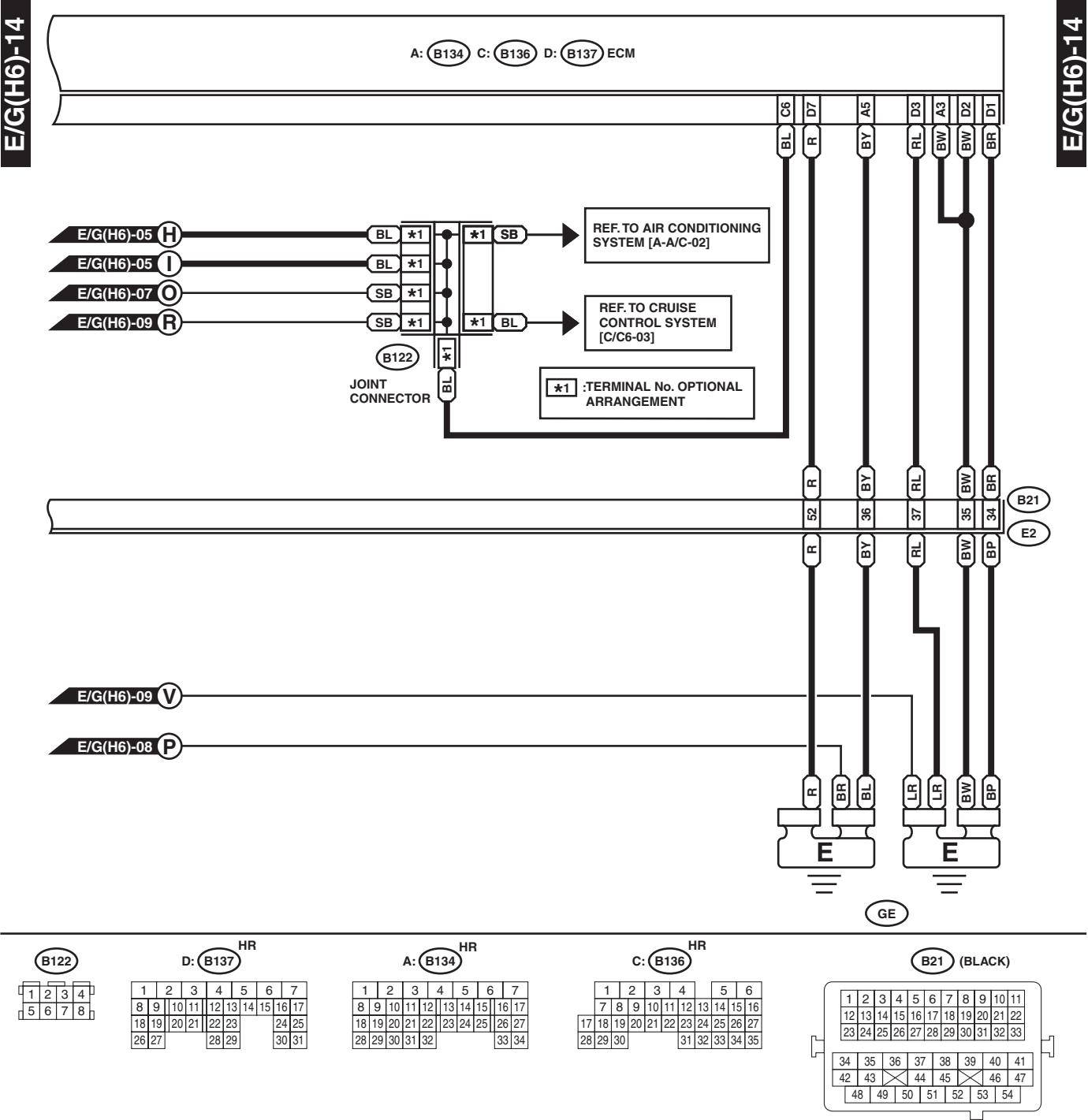
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12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41			
42	43	44	45	46	47					
48	49	50	51	52	53	54				

Engine Electrical System

WIRING SYSTEM



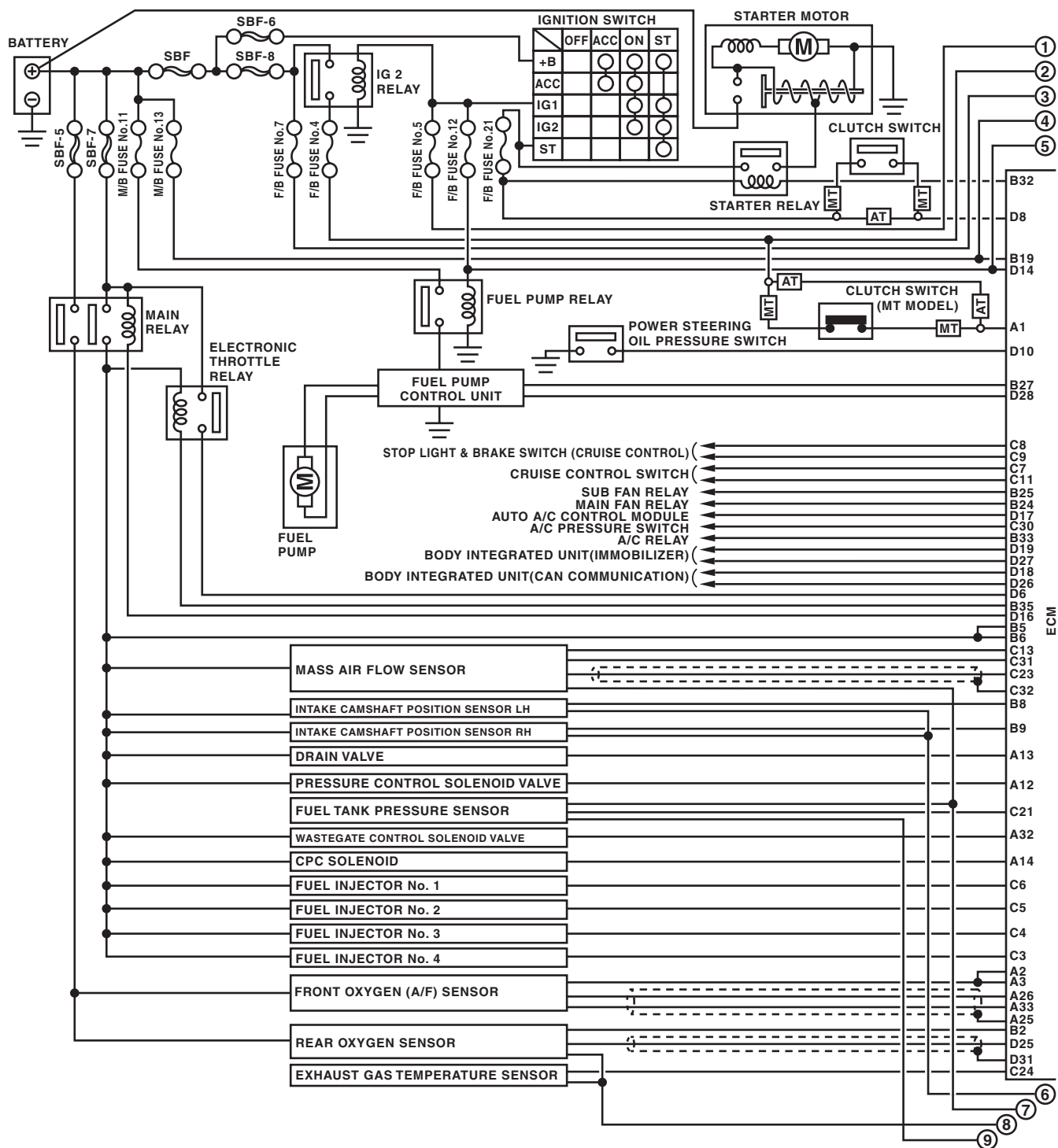
WI-11907



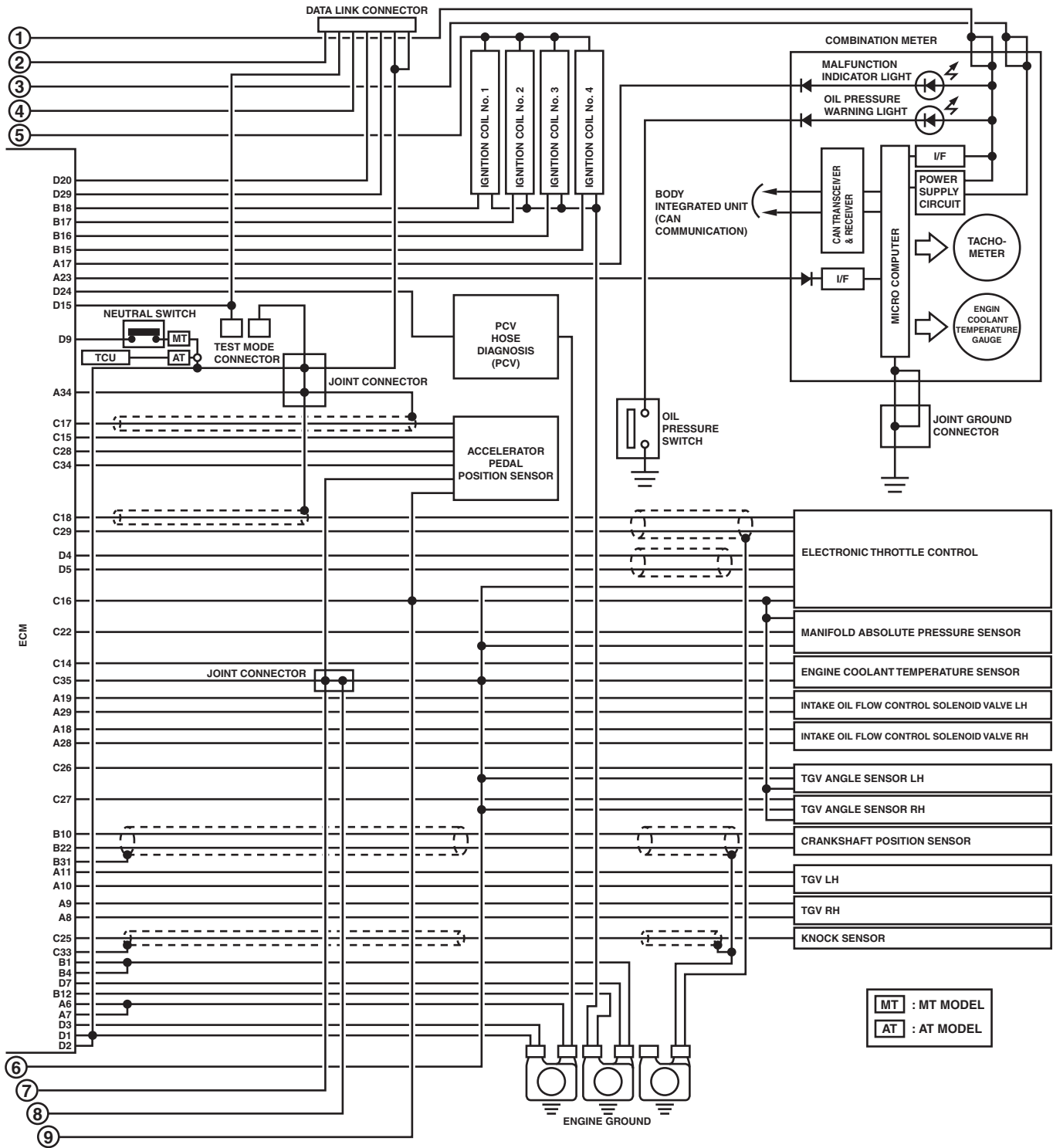
Engine Electrical System

WIRING SYSTEM

3. 2.5 L TURBO MODEL

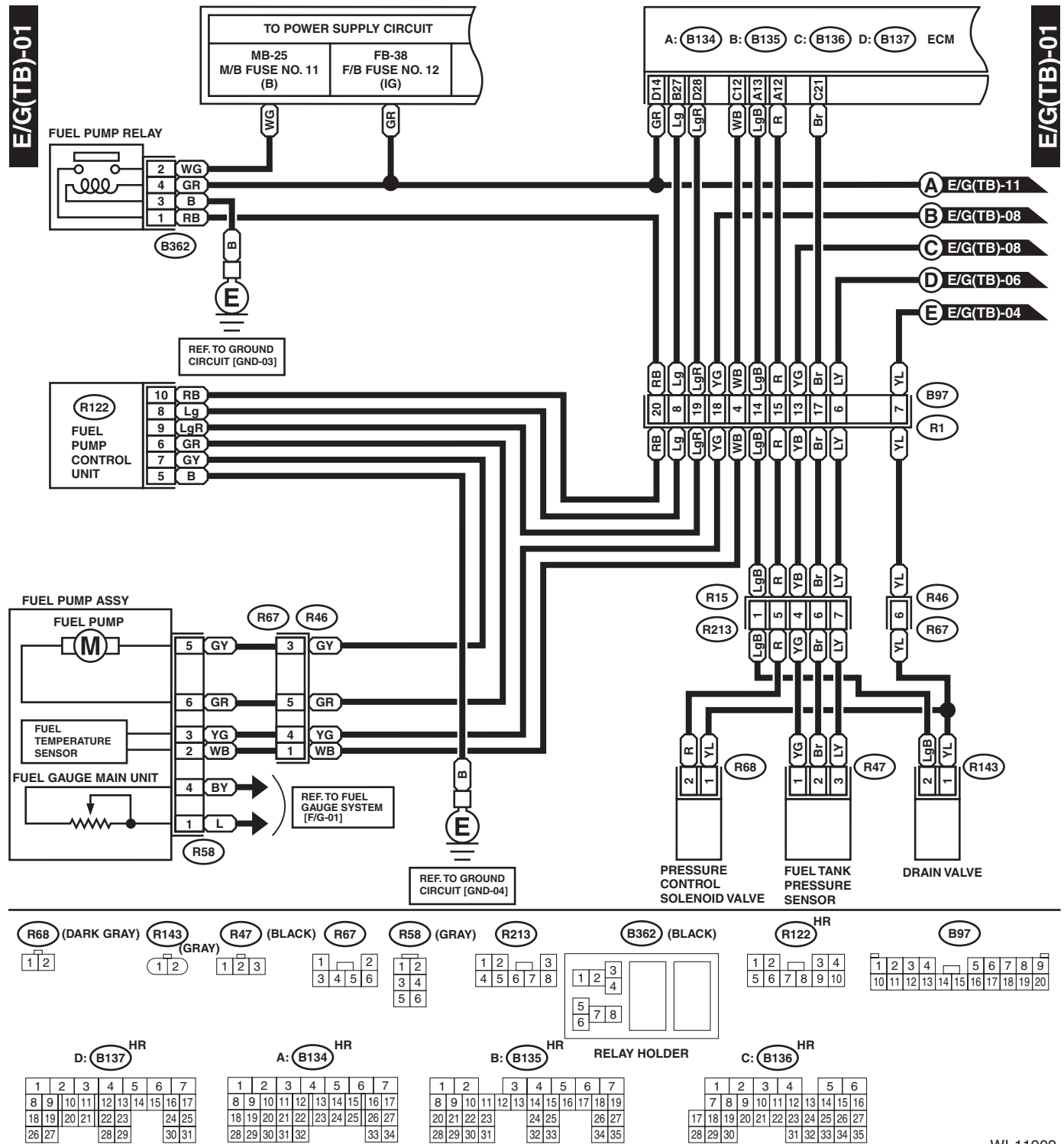


WI-11069



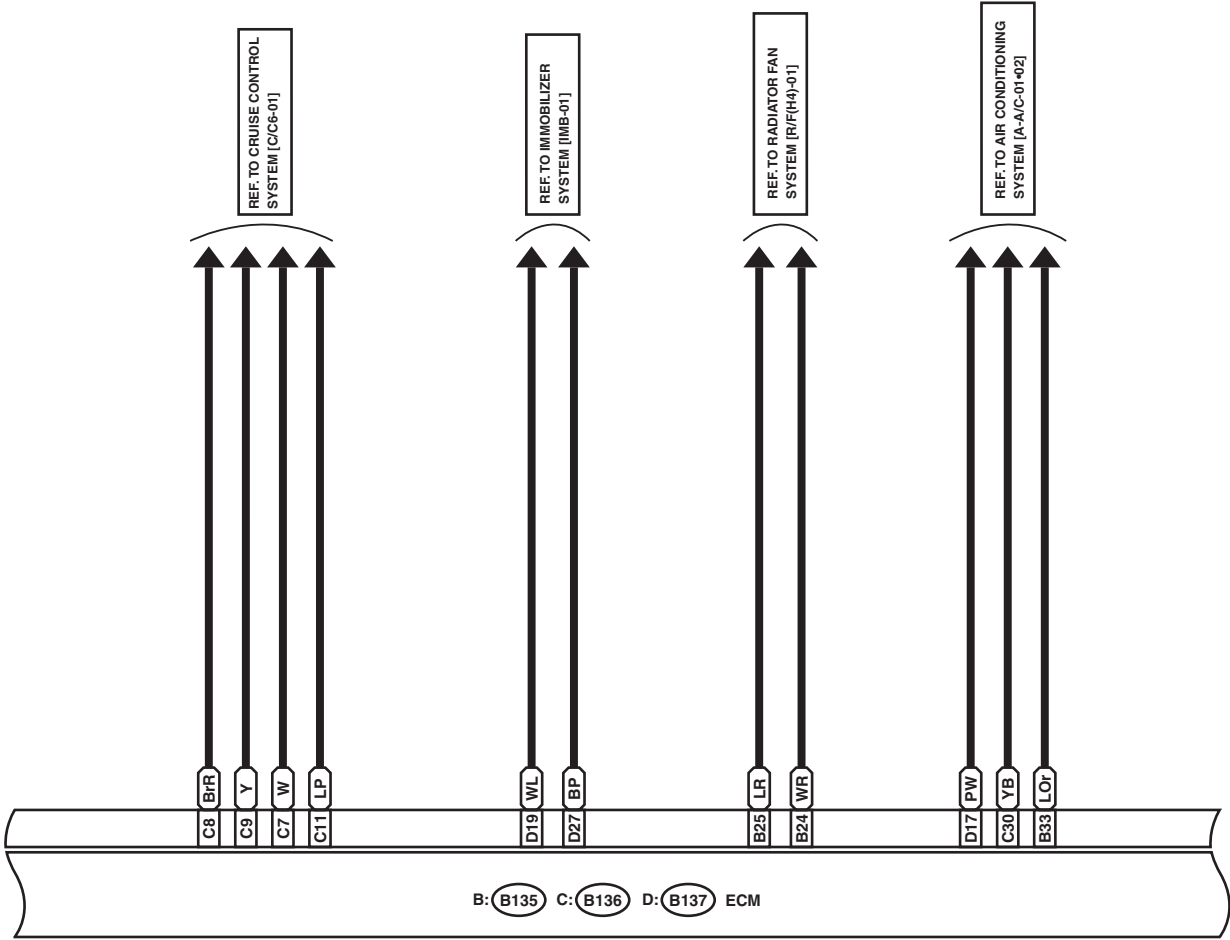
WI-10874

WIRING SYSTEM



E/G(TB)-02

E/G(TB)-02



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				

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}

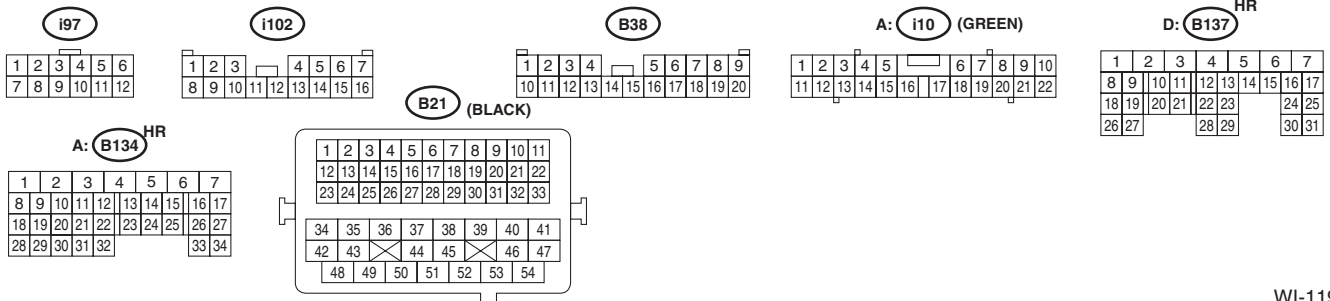
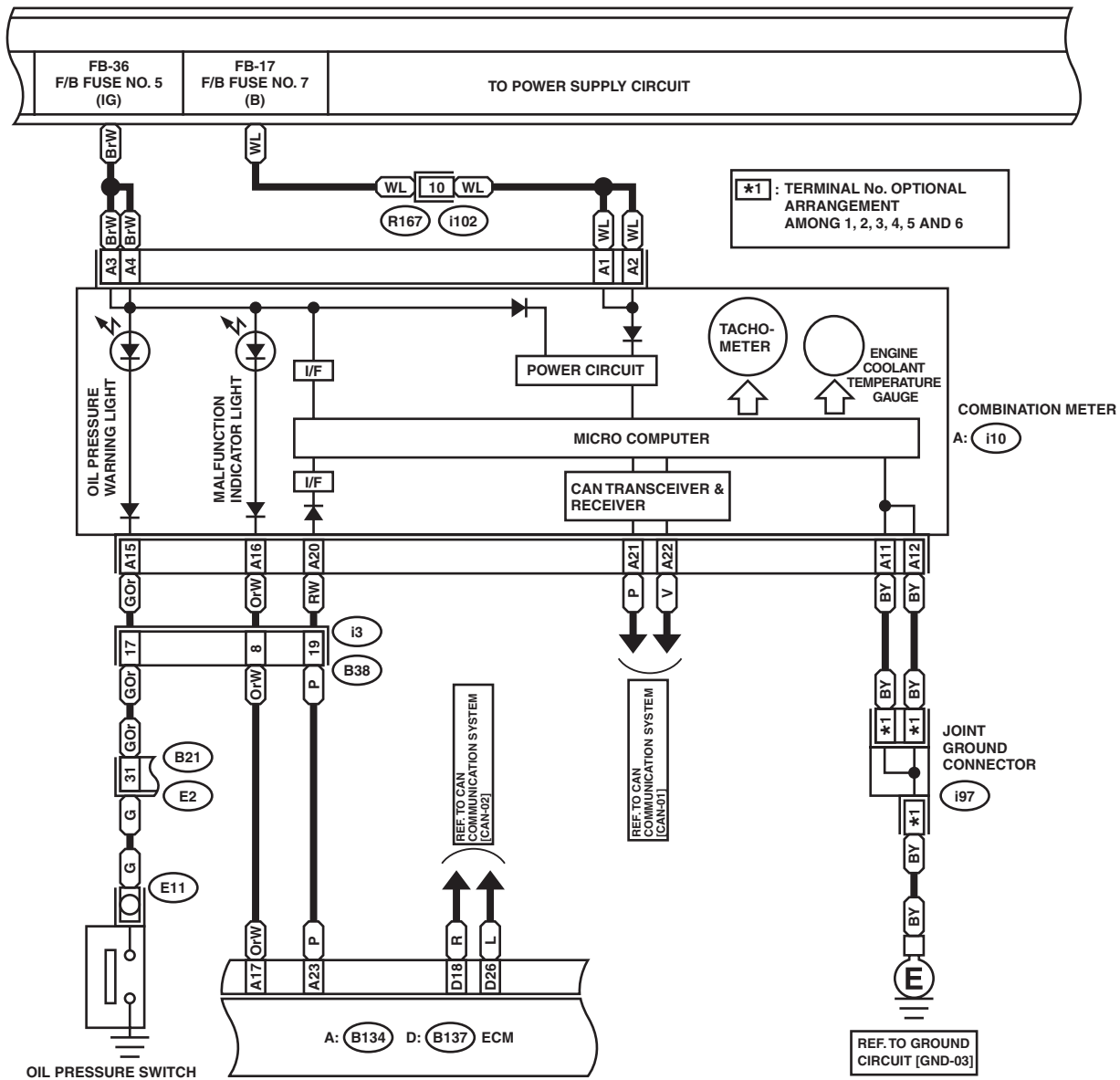
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7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	

Engine Electrical System

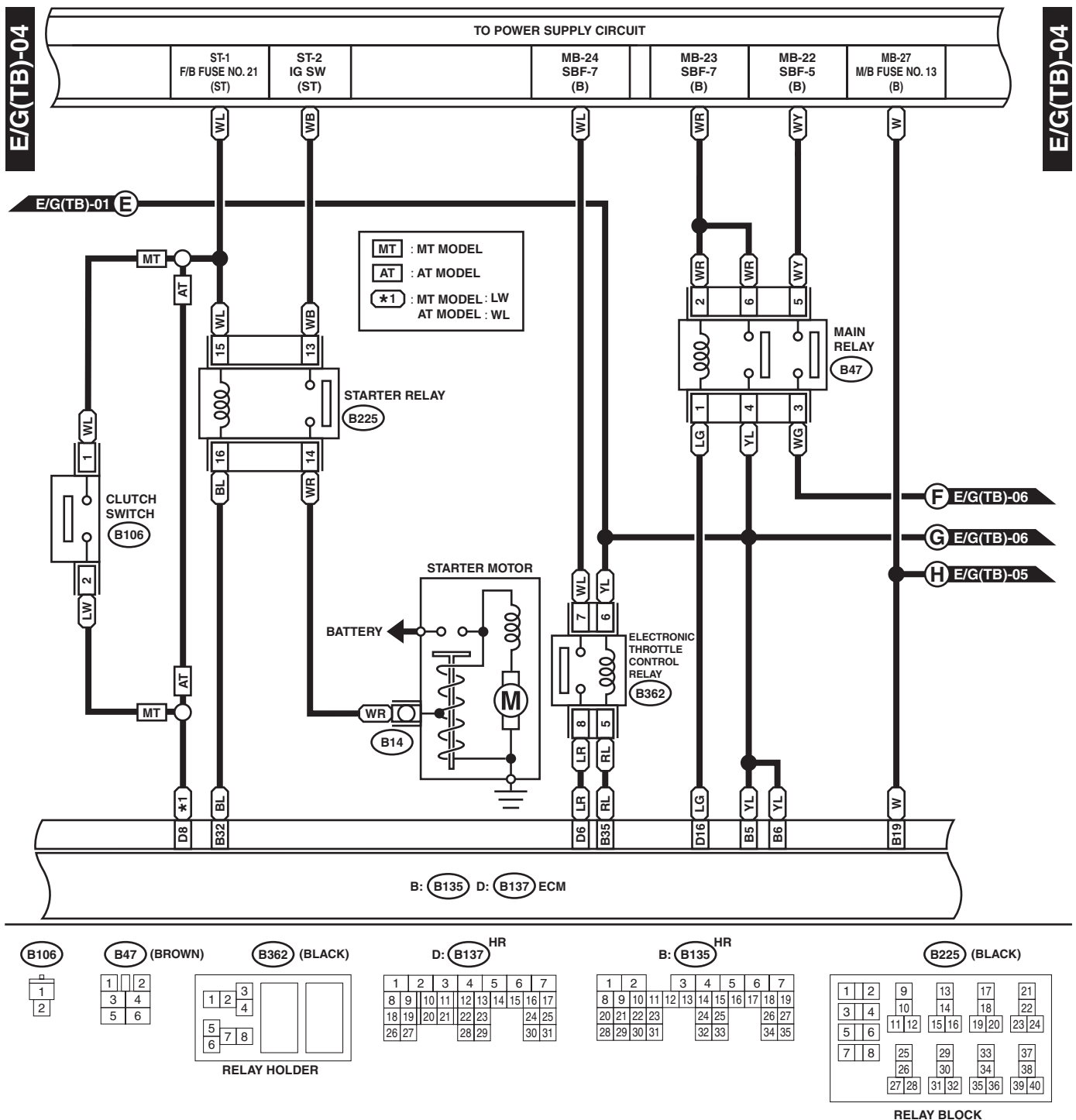
WIRING SYSTEM

E/G(TB)-03

E/G(TB)-03

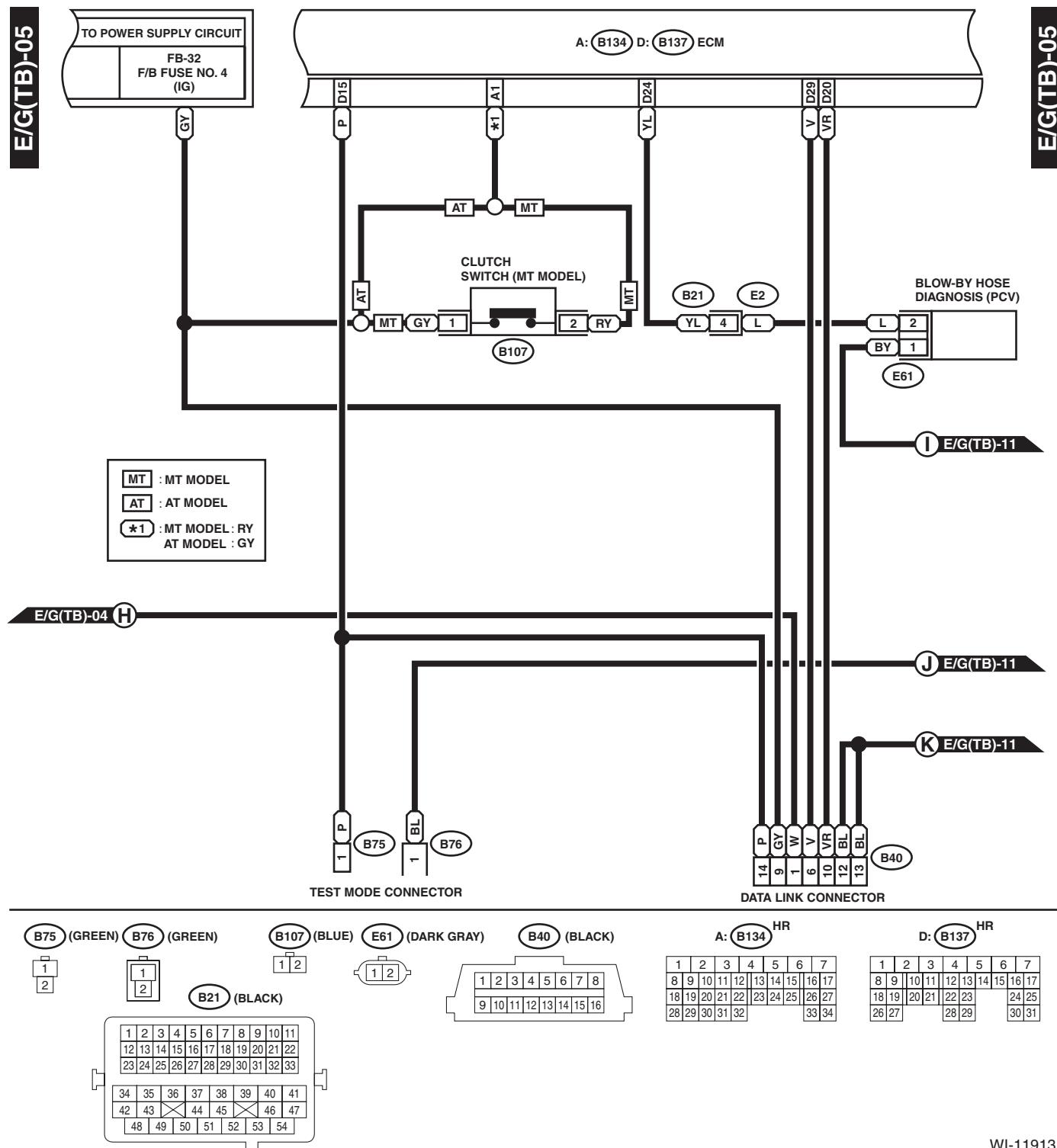


WI-11911

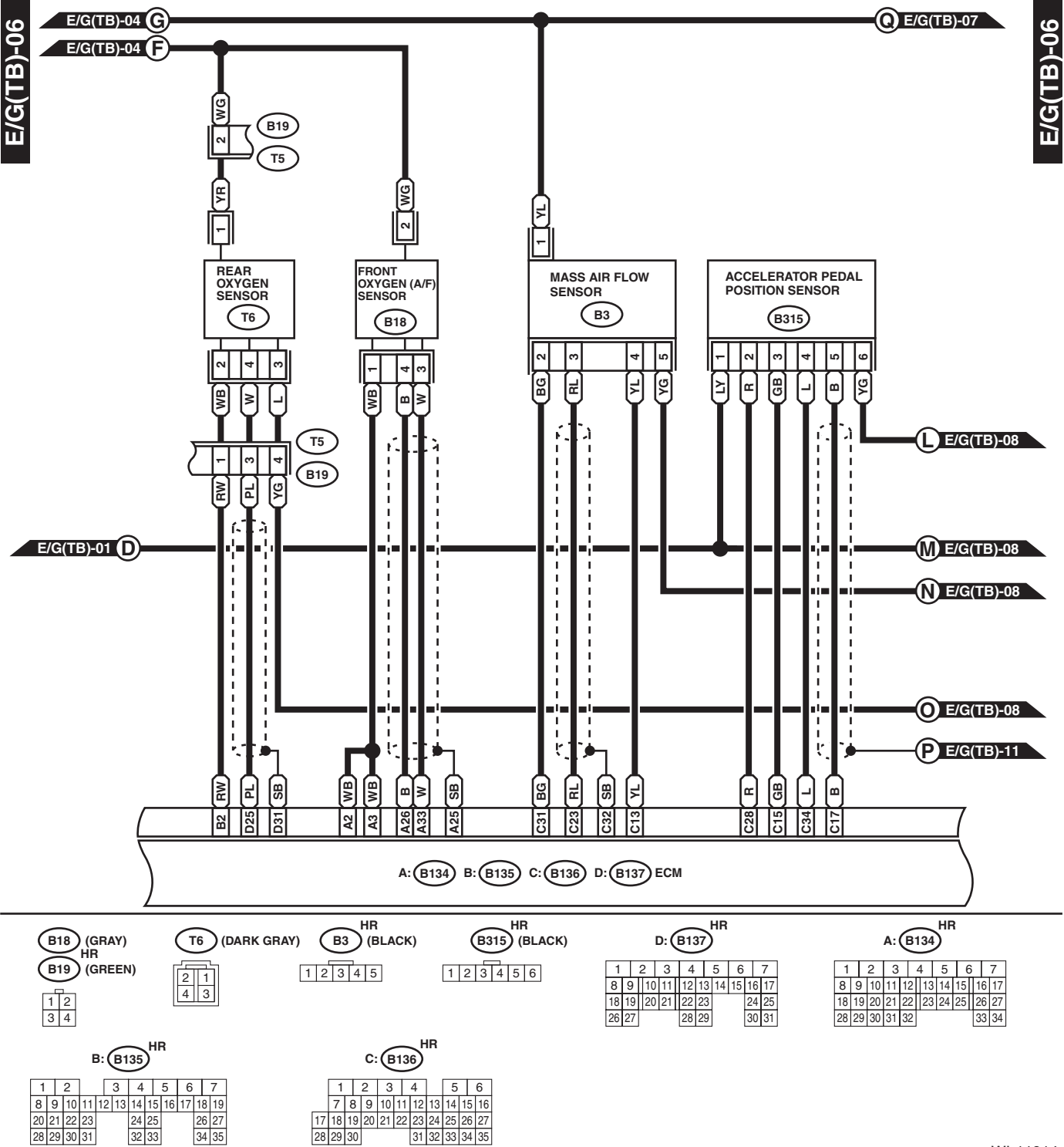


Engine Electrical System

WIRING SYSTEM

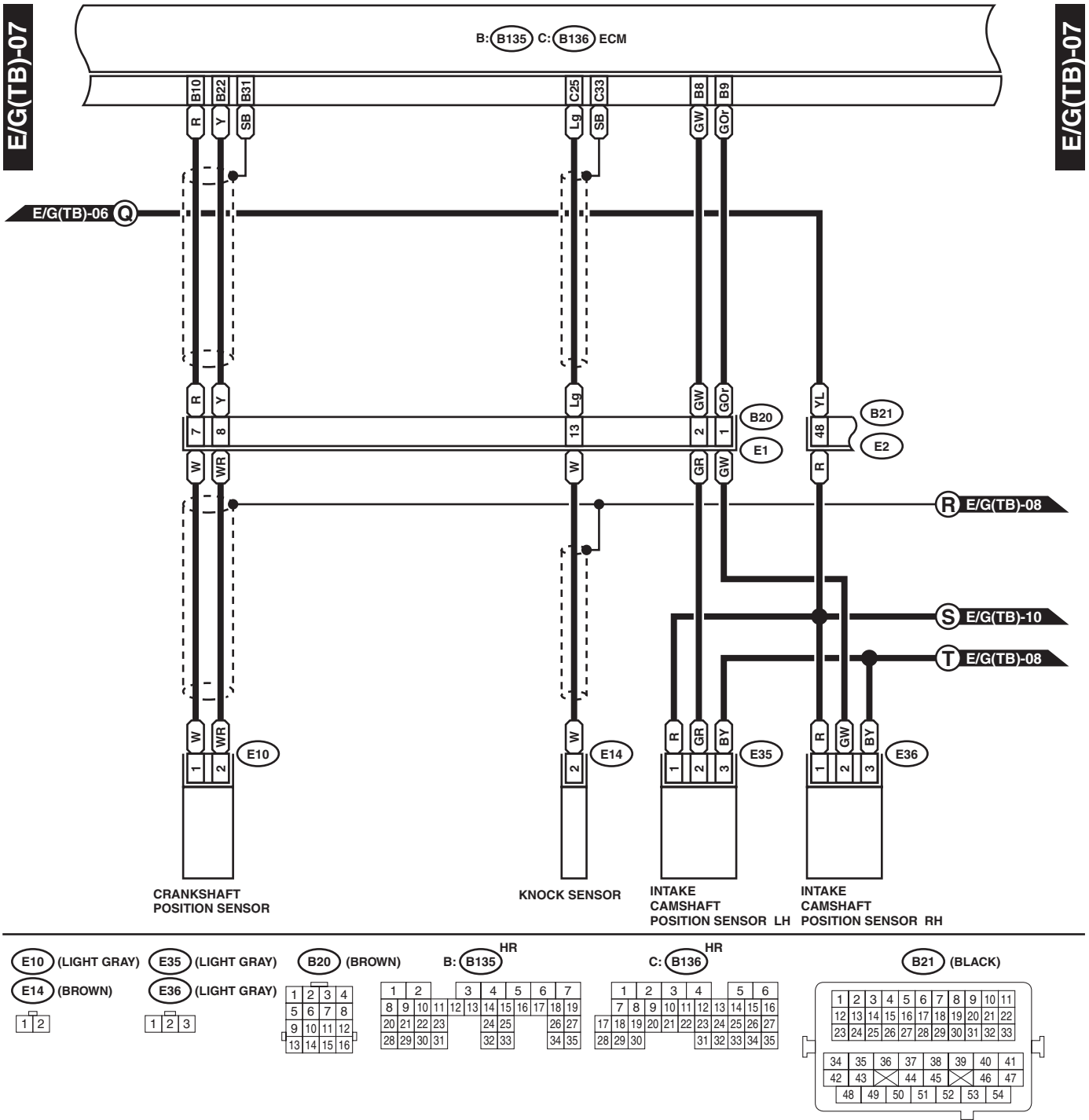


WI-11913



Engine Electrical System

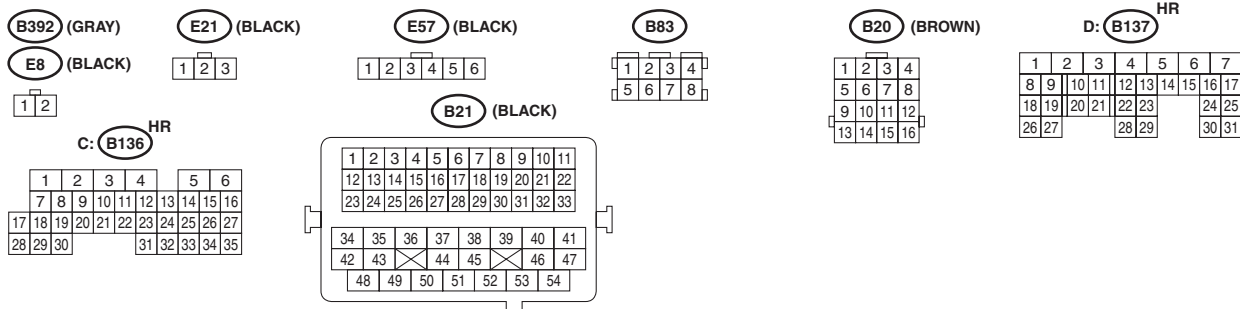
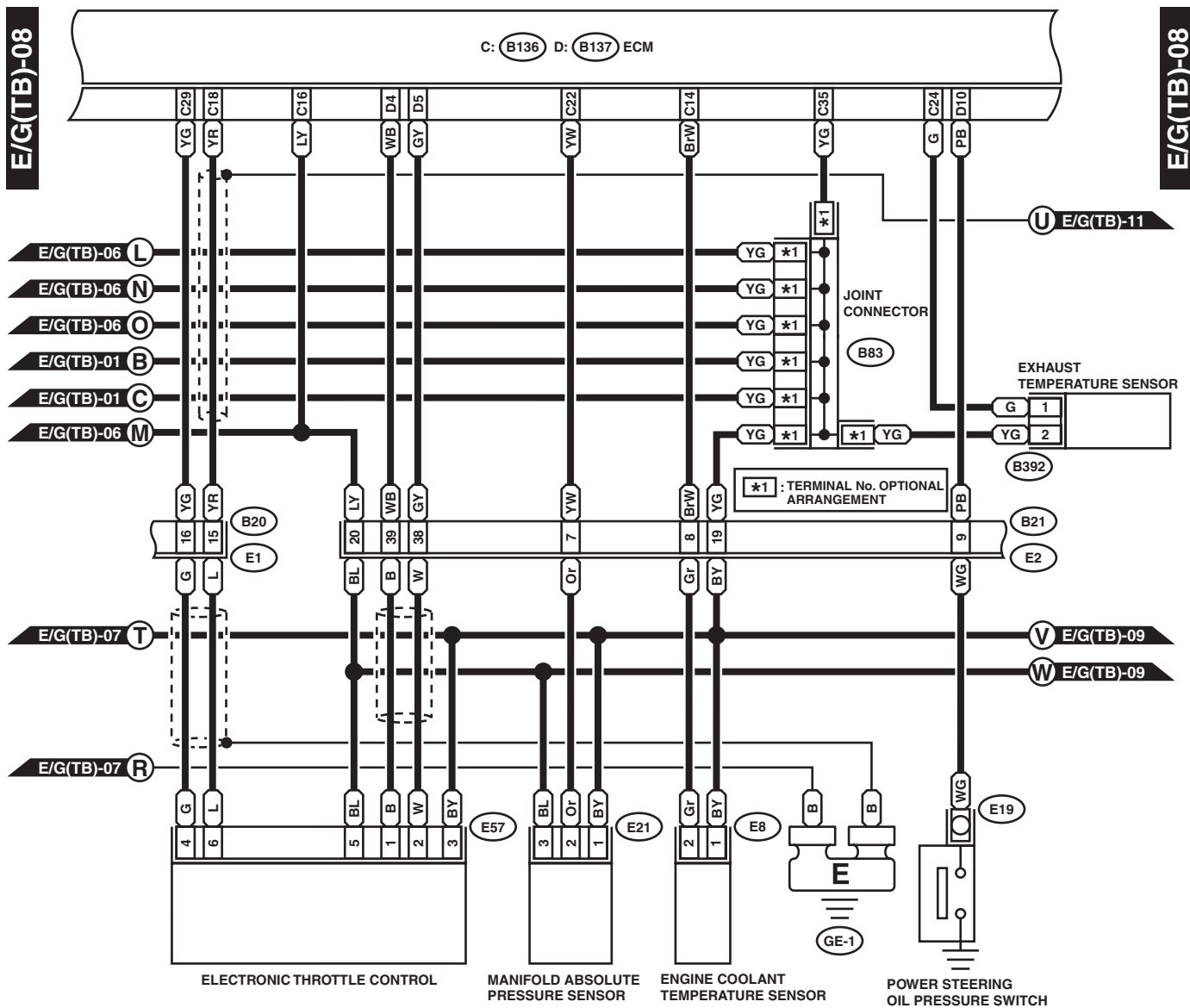
WIRING SYSTEM



WI-11915

Engine Electrical System

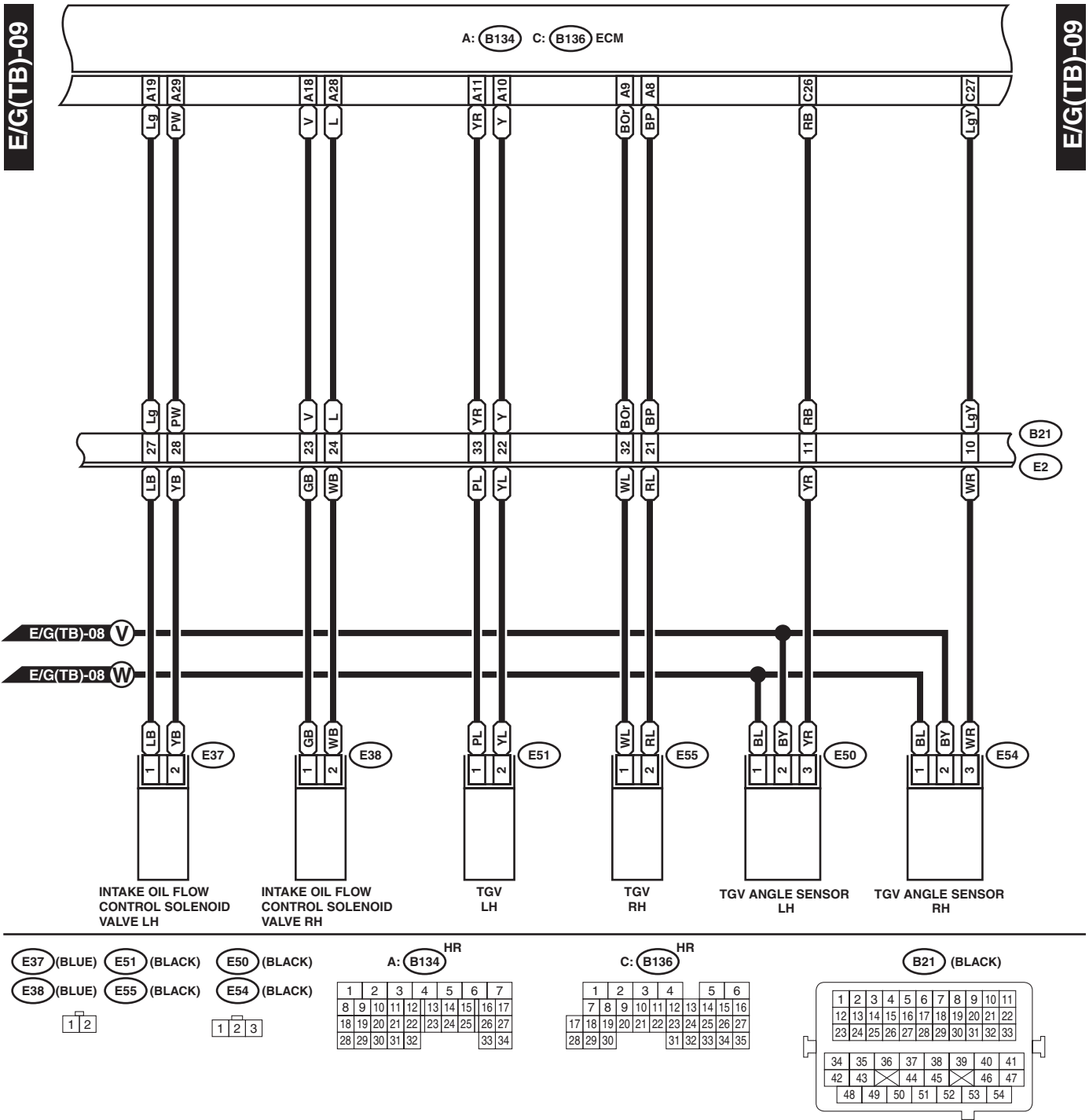
WIRING SYSTEM



WI-11916

Engine Electrical System

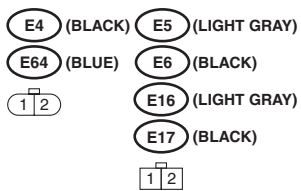
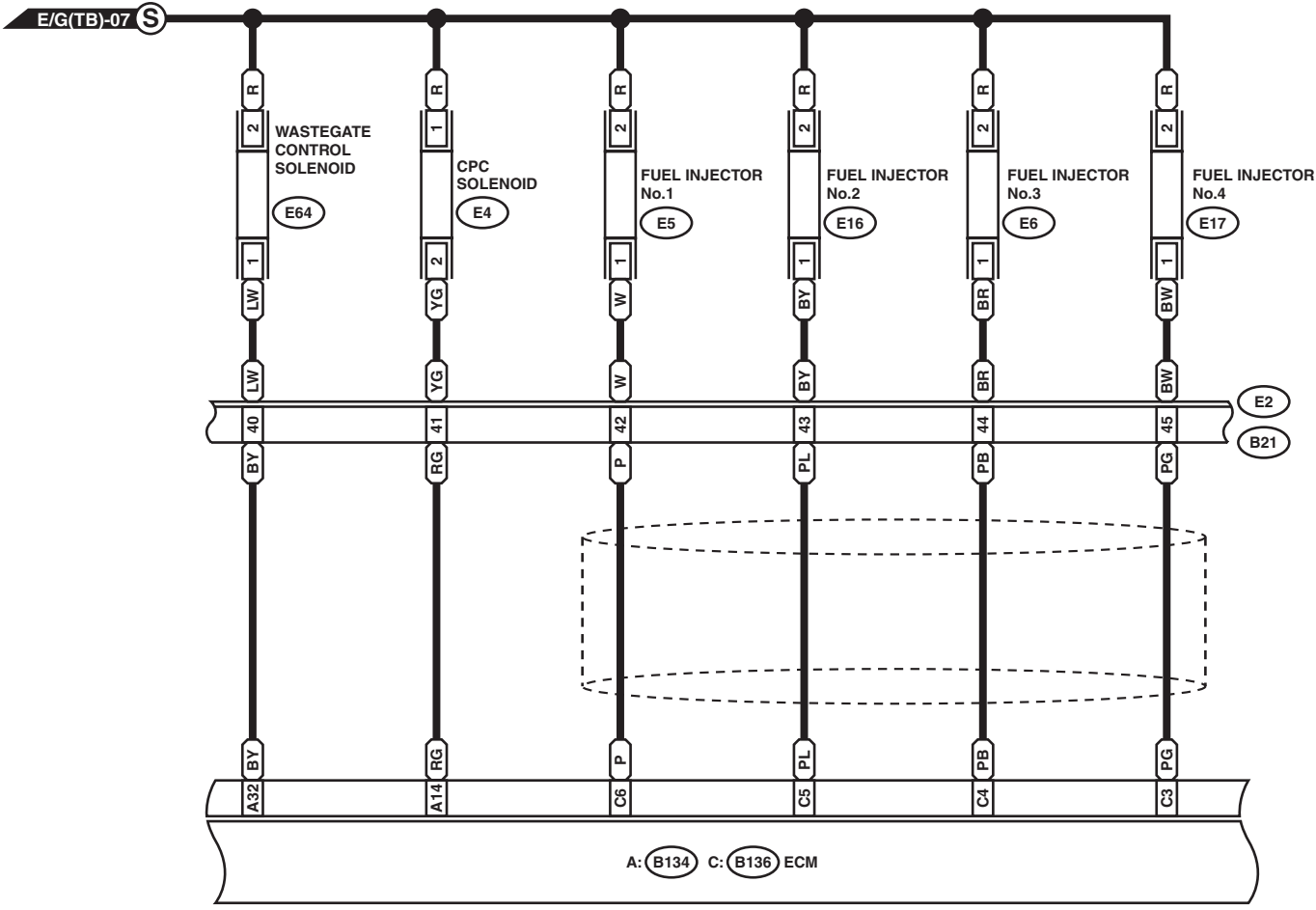
WIRING SYSTEM



WI-11917

E/G(TB)-10

E/G(TB)-10



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}

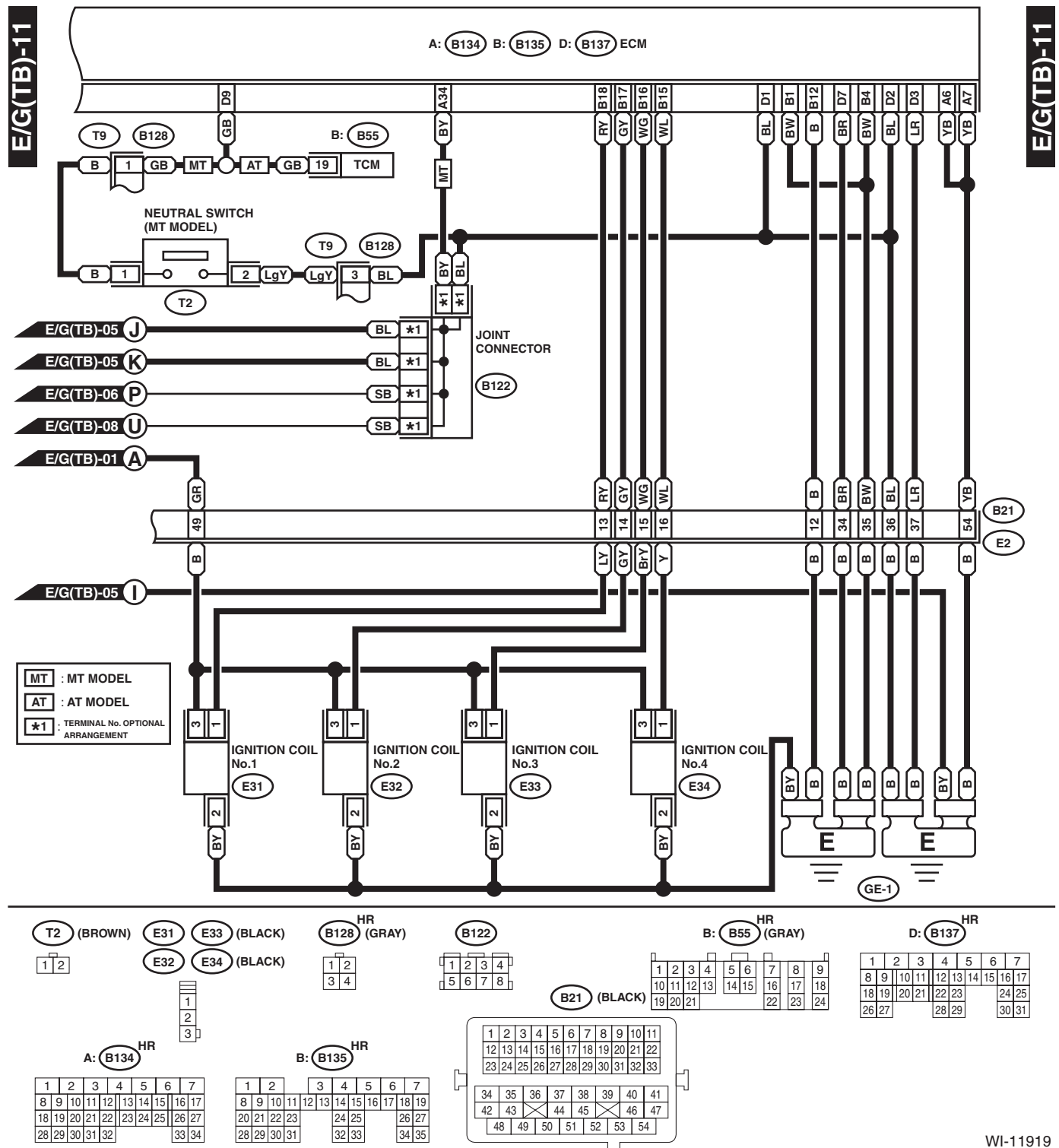
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	

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				

Engine Electrical System

WIRING SYSTEM

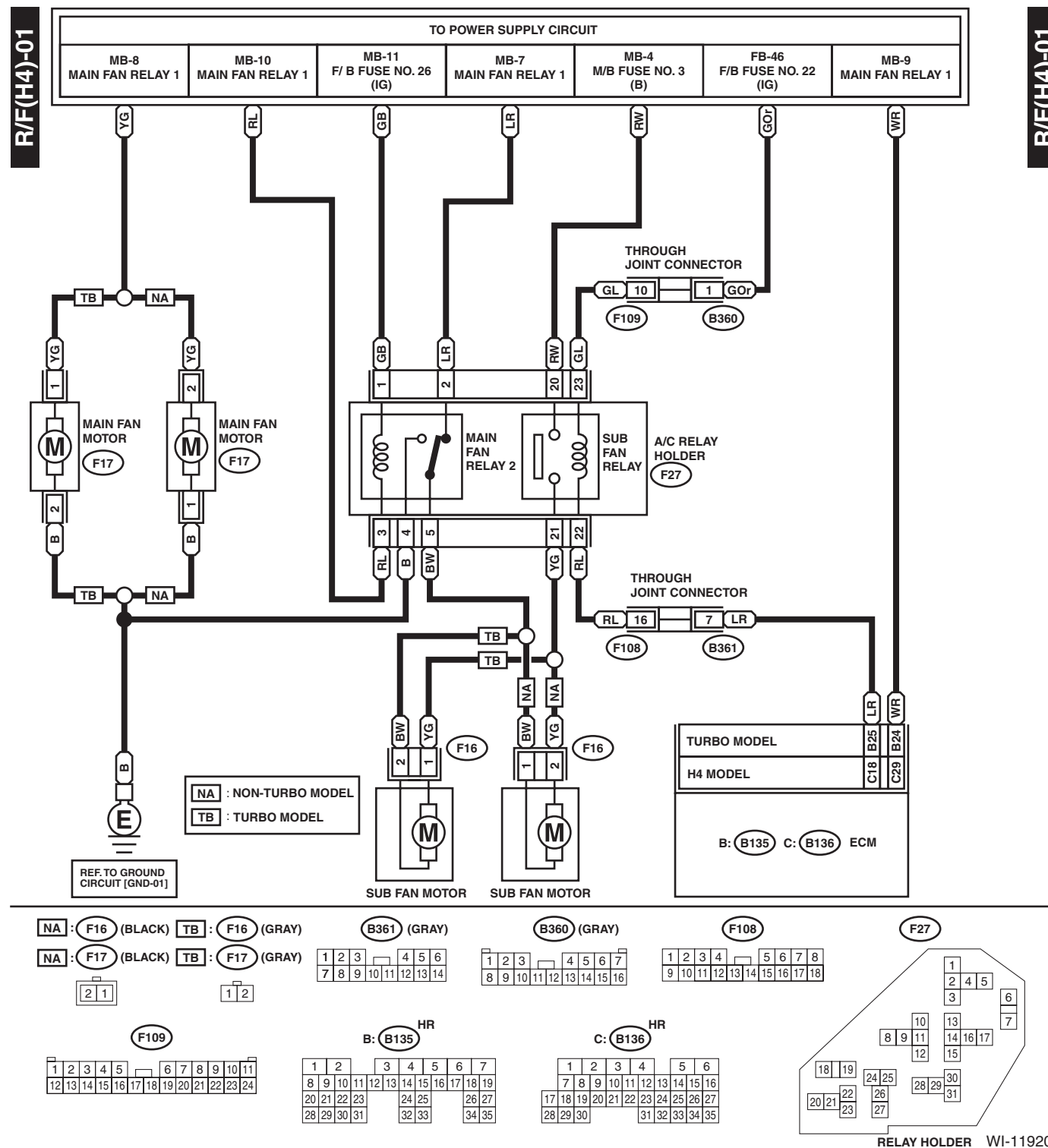


WI-11919

6. Radiator Fan System

A: WIRING DIAGRAM

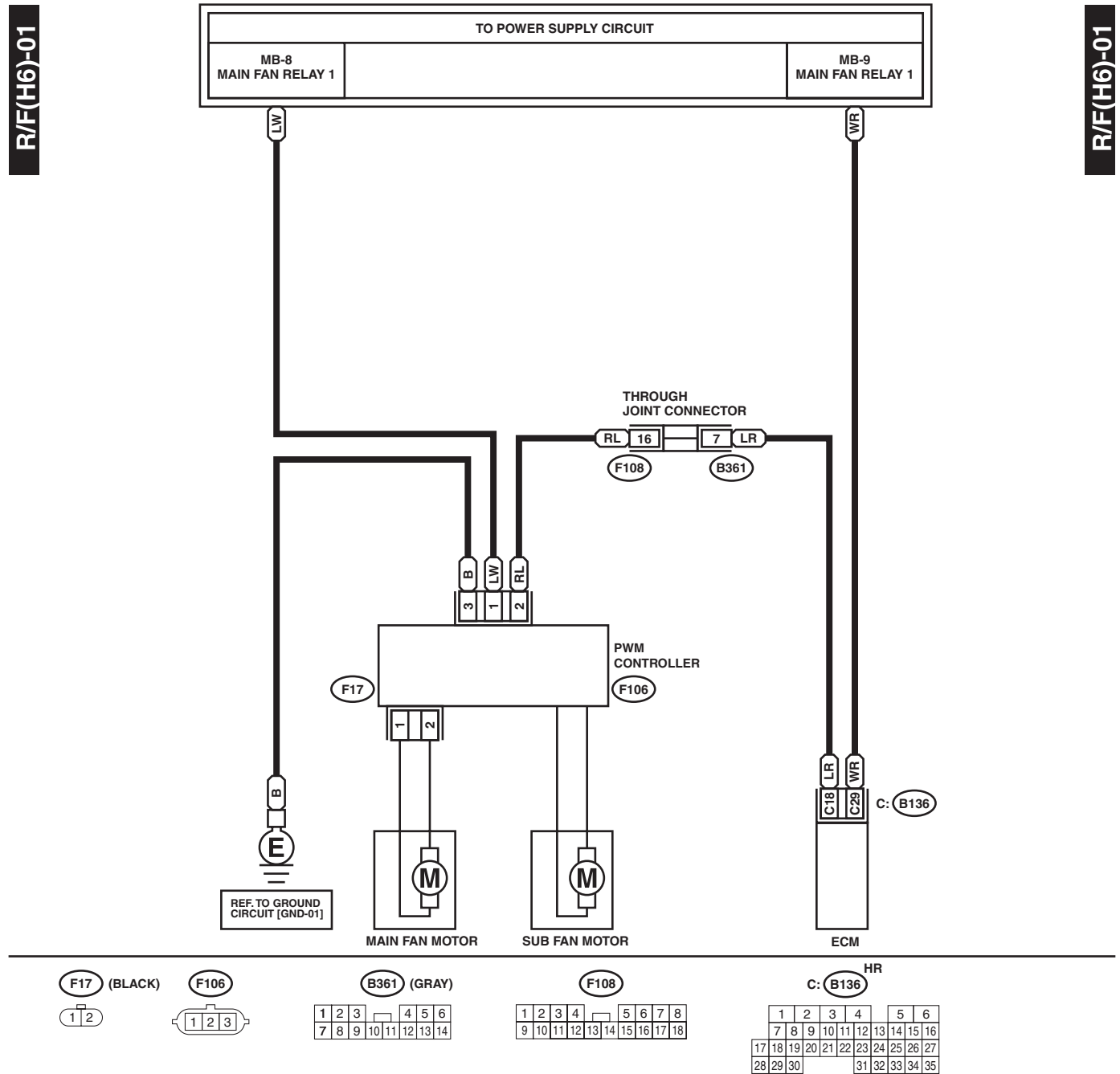
1. 2.5 L MODEL



Radiator Fan System

WIRING SYSTEM

2. 3.0 L MODEL

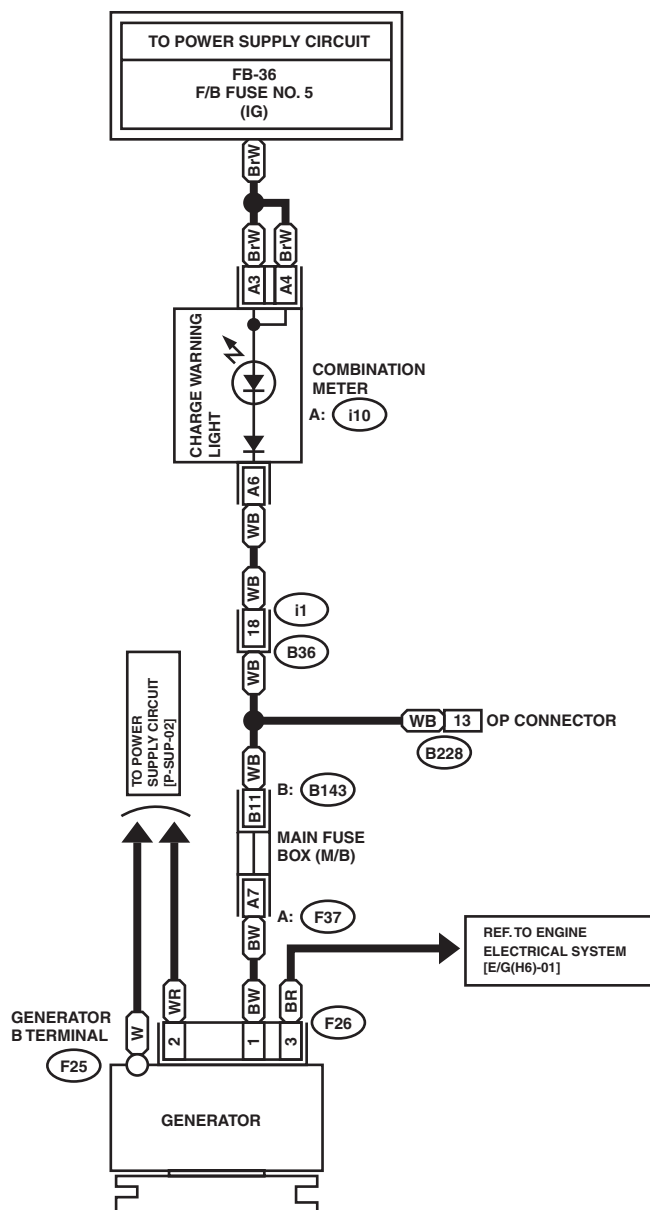


WI-11921

A: WIRING DIAGRAM

CHG-01

CHG-01



A 10x10 grid with a funnel on top of cell 7. The grid contains numbers 1-28, with cell 14 marked with an 'X'. A label 'i1' is above the funnel.

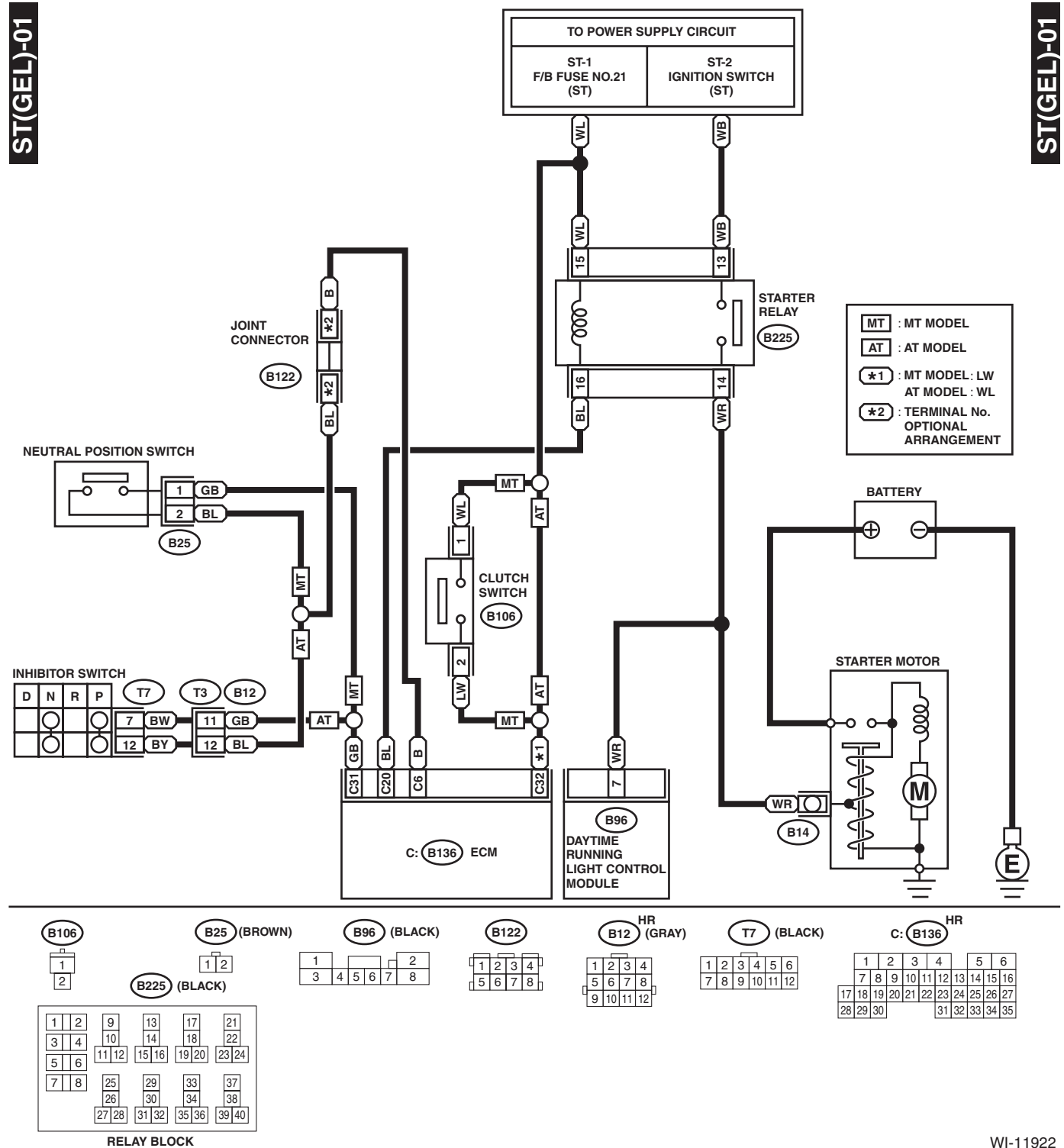
Starter System

WIRING SYSTEM

8. Starter System

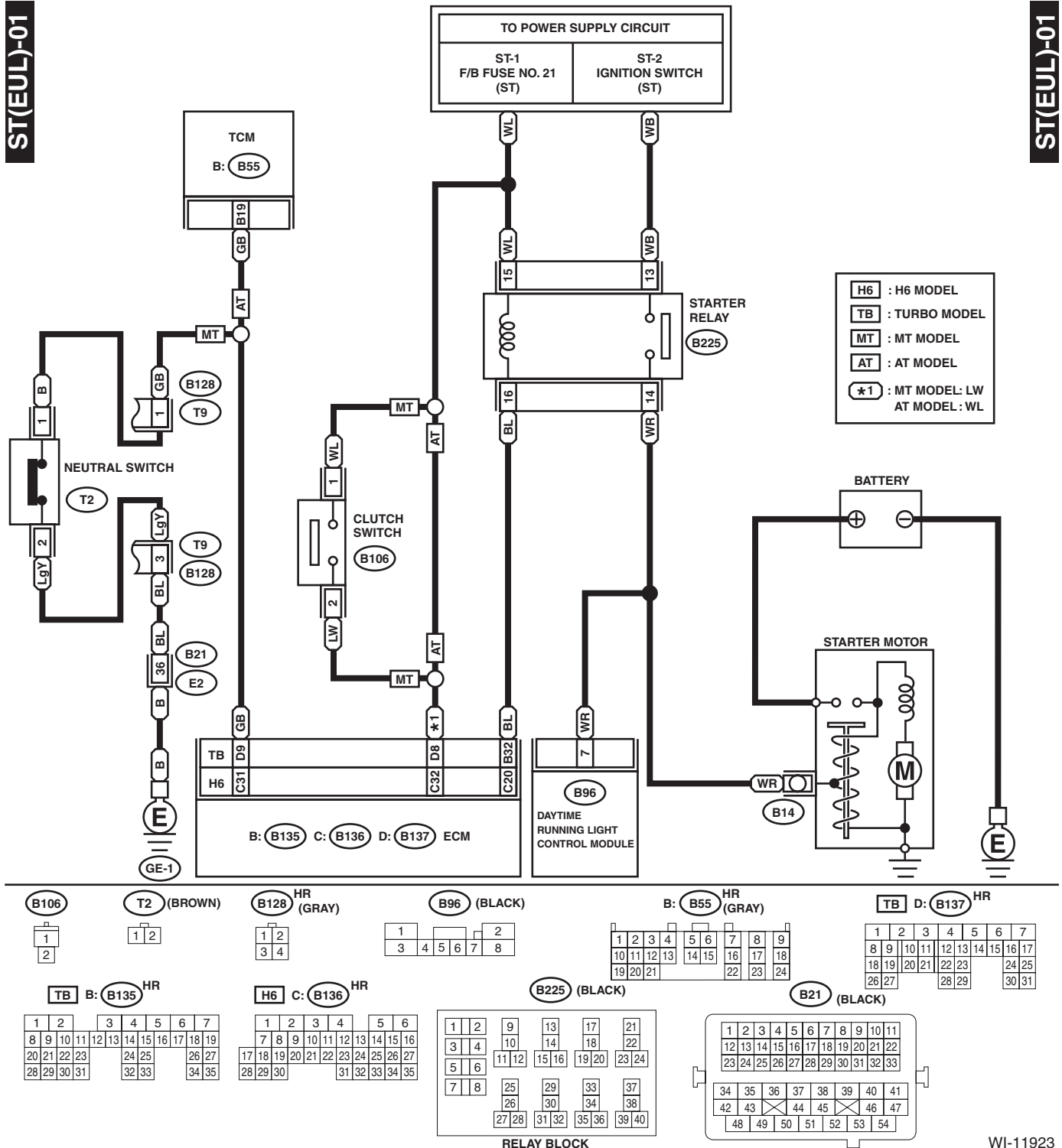
A: WIRING DIAGRAM

1. 2.5 L NON-TURBO MODEL



WI-11922

2. 2.5L TURBO MODEL AND 3.0 L MODEL



WI-11923

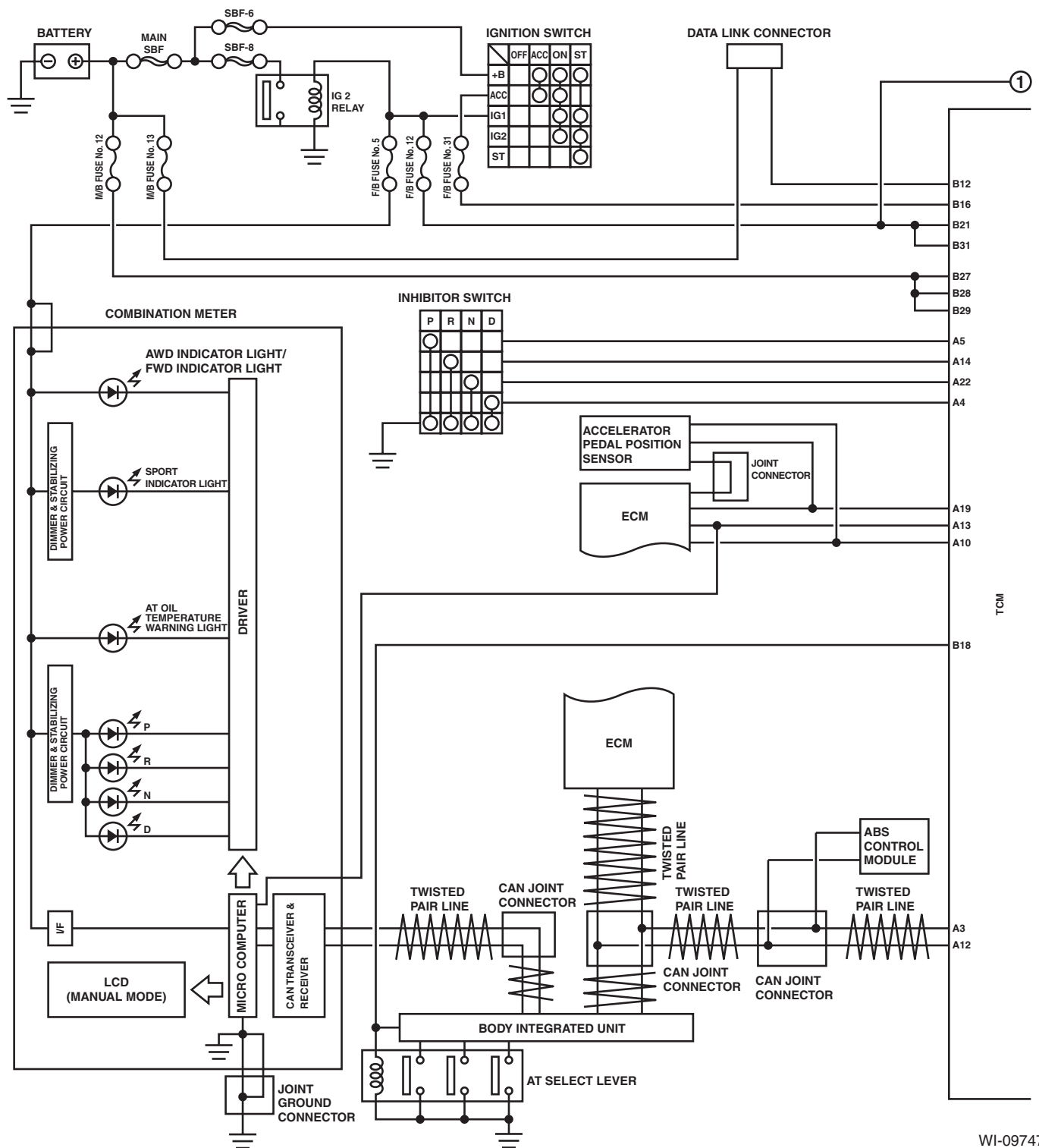
AT Control System

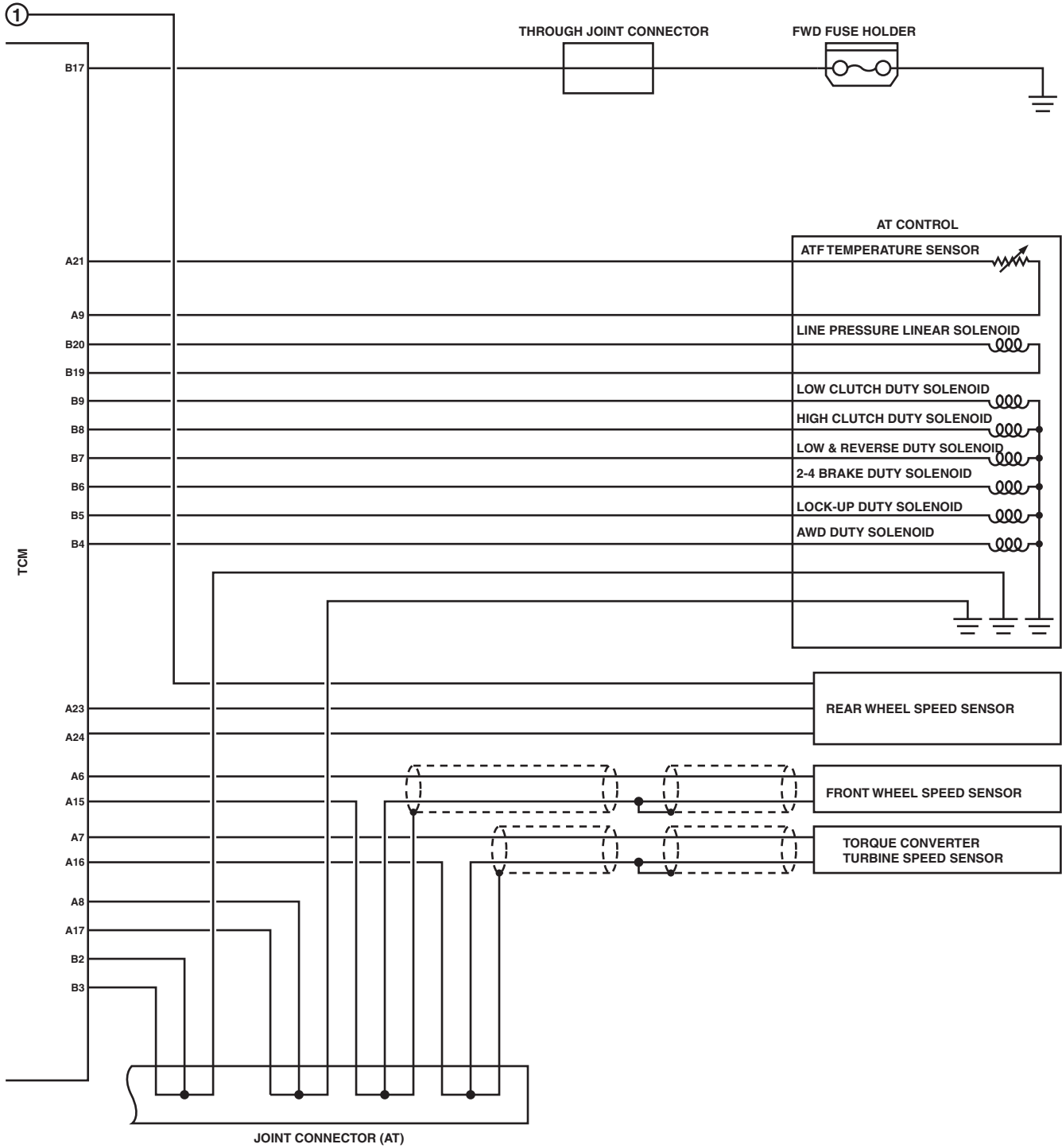
WIRING SYSTEM

9. AT Control System

A: WIRING DIAGRAM

1. 4AT MODEL

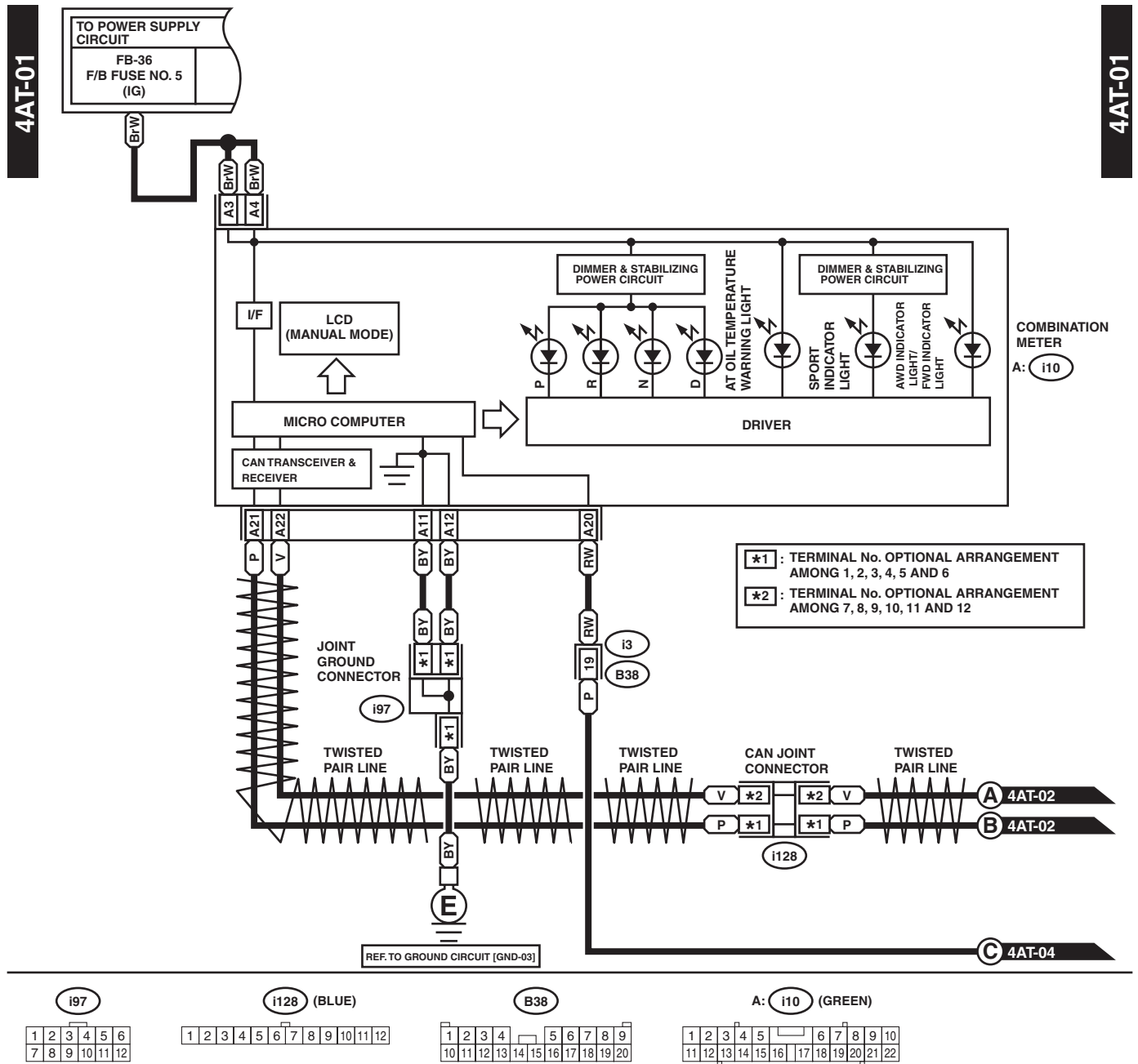




WI-09748

AT Control System

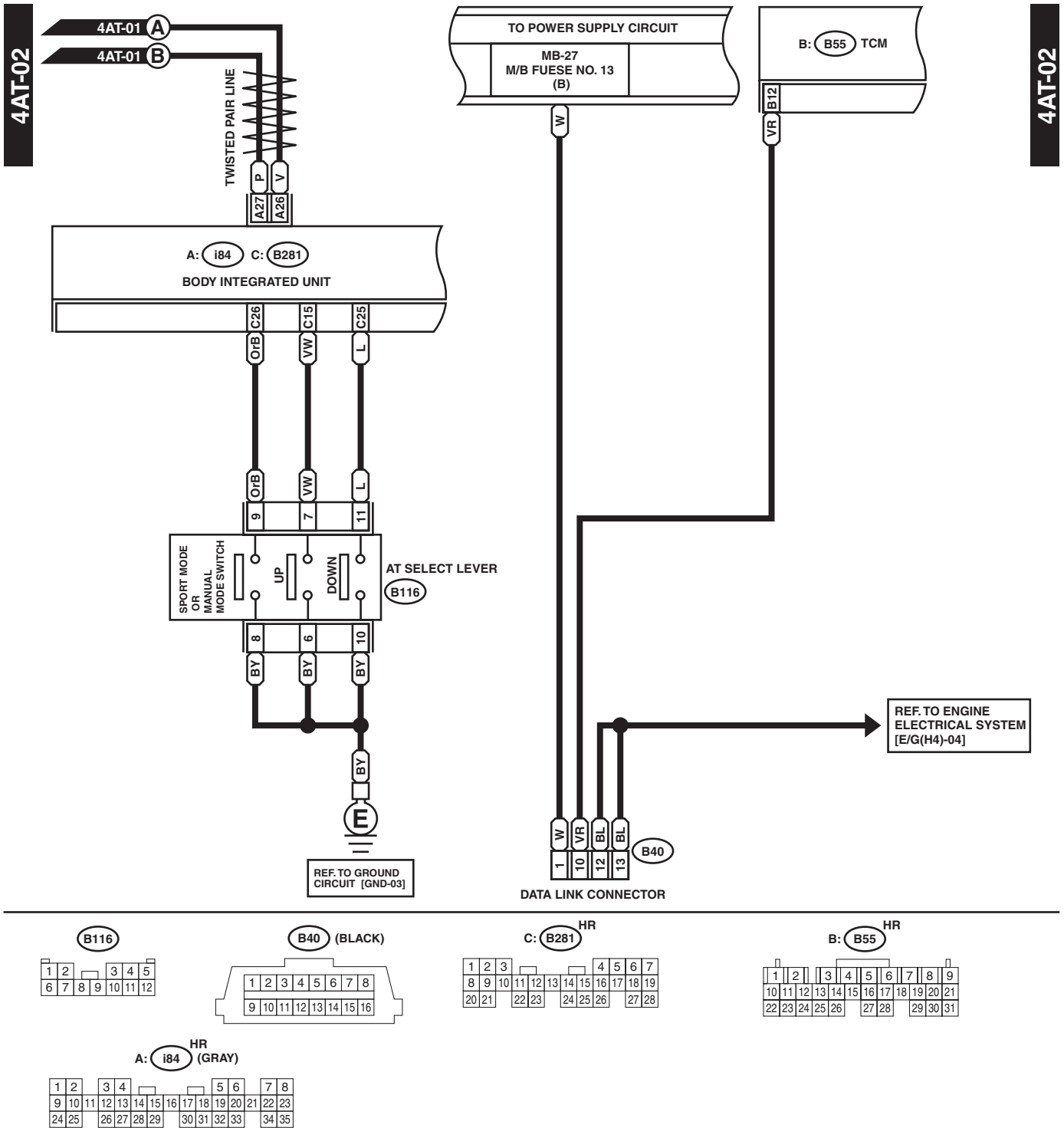
WIRING SYSTEM



WI-09749

AT Control System

WIRING SYSTEM



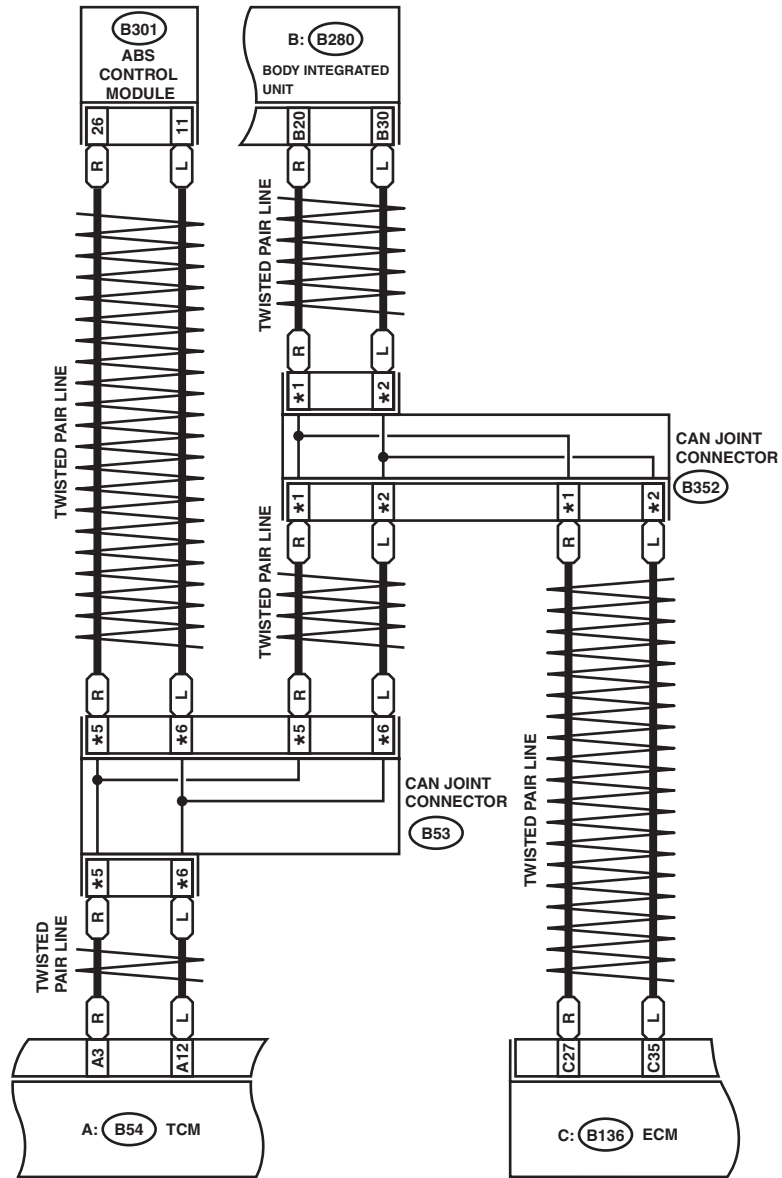
WI-11924

AT Control System

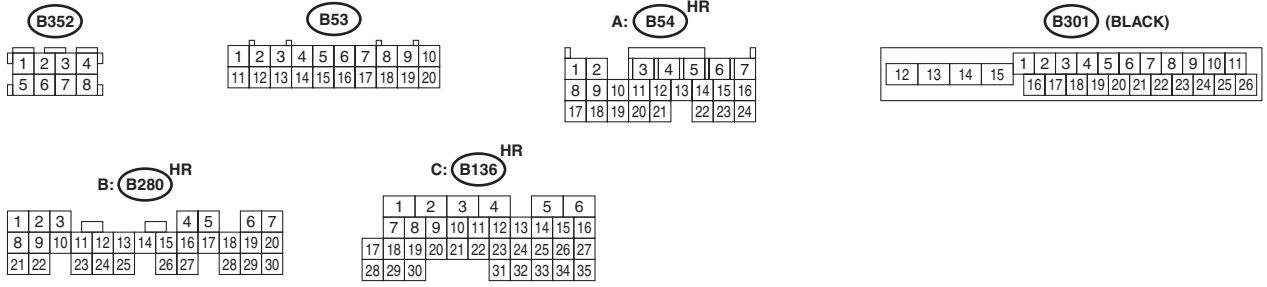
WIRING SYSTEM

4AT-03

4AT-03



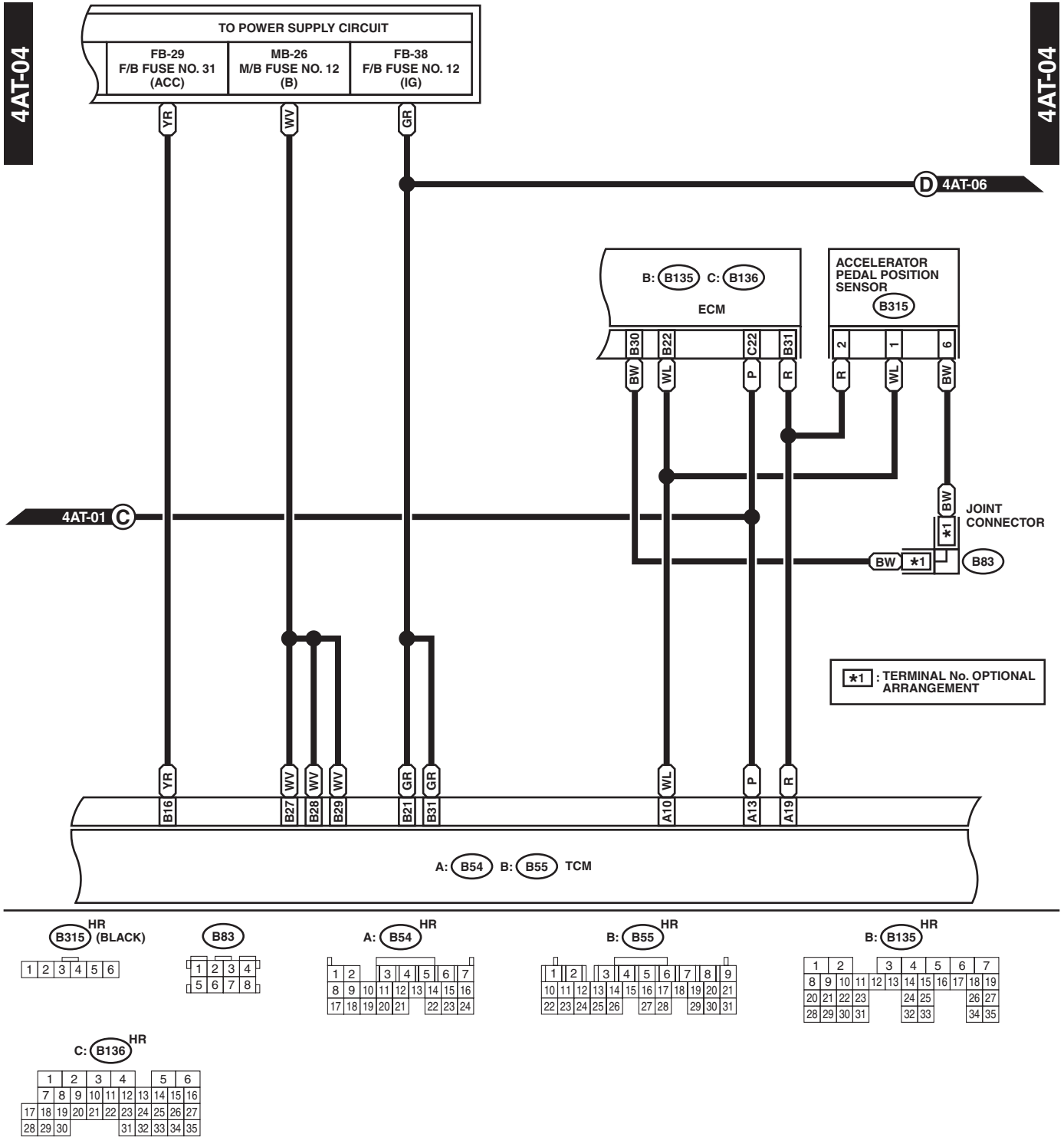
- *1 : TERMINAL No. OPTIONAL ARRANGEMENT AMONG 1, 2, 5 AND 6
- *2 : TERMINAL No. OPTIONAL ARRANGEMENT AMONG 3, 4, 7 AND 8
- *5 : TERMINAL No. OPTIONAL ARRANGEMENT AMONG 8, 18 AND 19
- *6 : TERMINAL No. OPTIONAL ARRANGEMENT AMONG 9, 10 AND 20



WI-11925

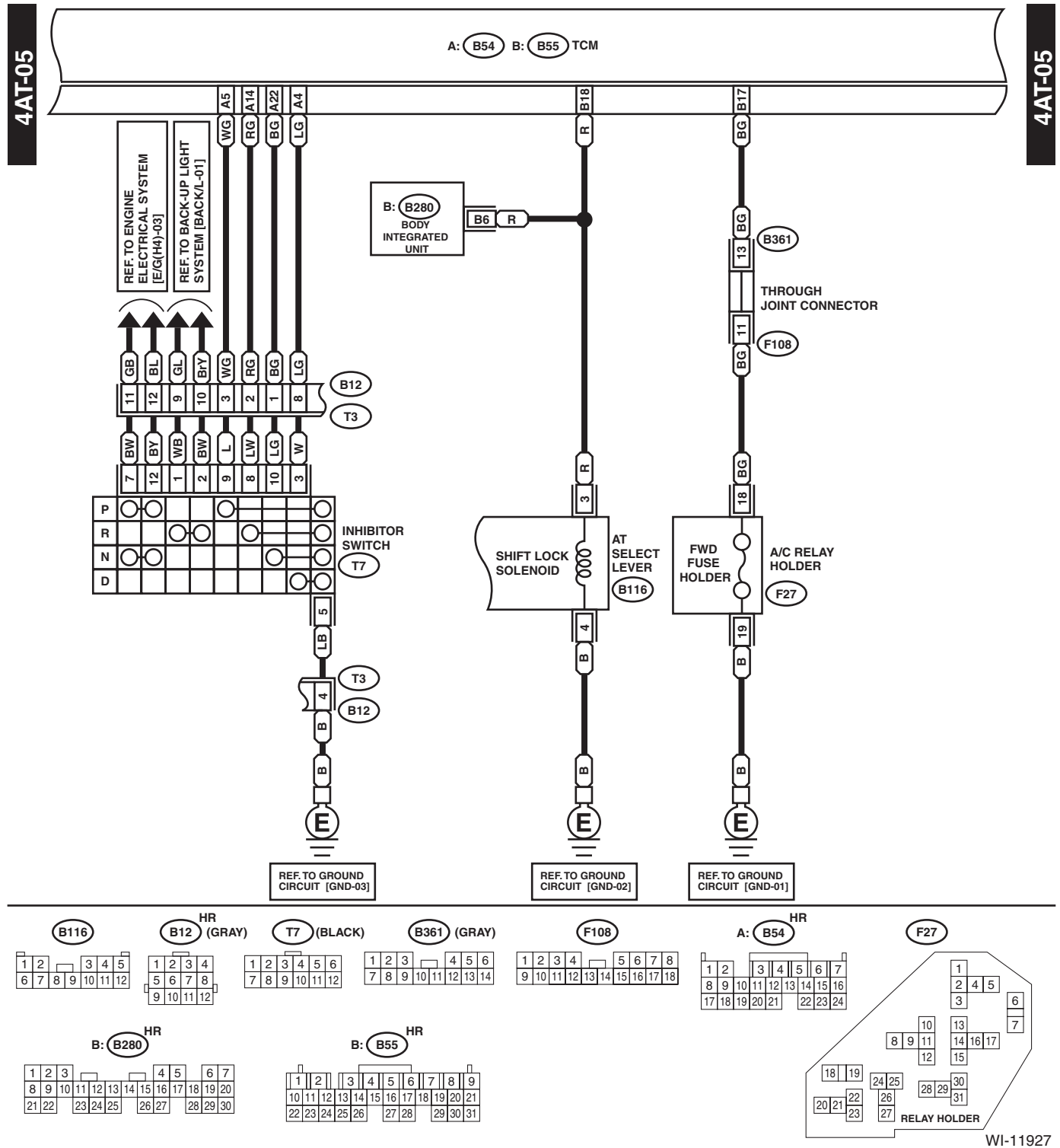
AT Control System

WIRING SYSTEM



AT Control System

WIRING SYSTEM

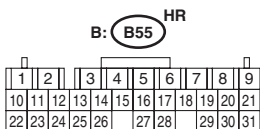
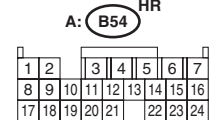
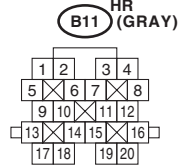
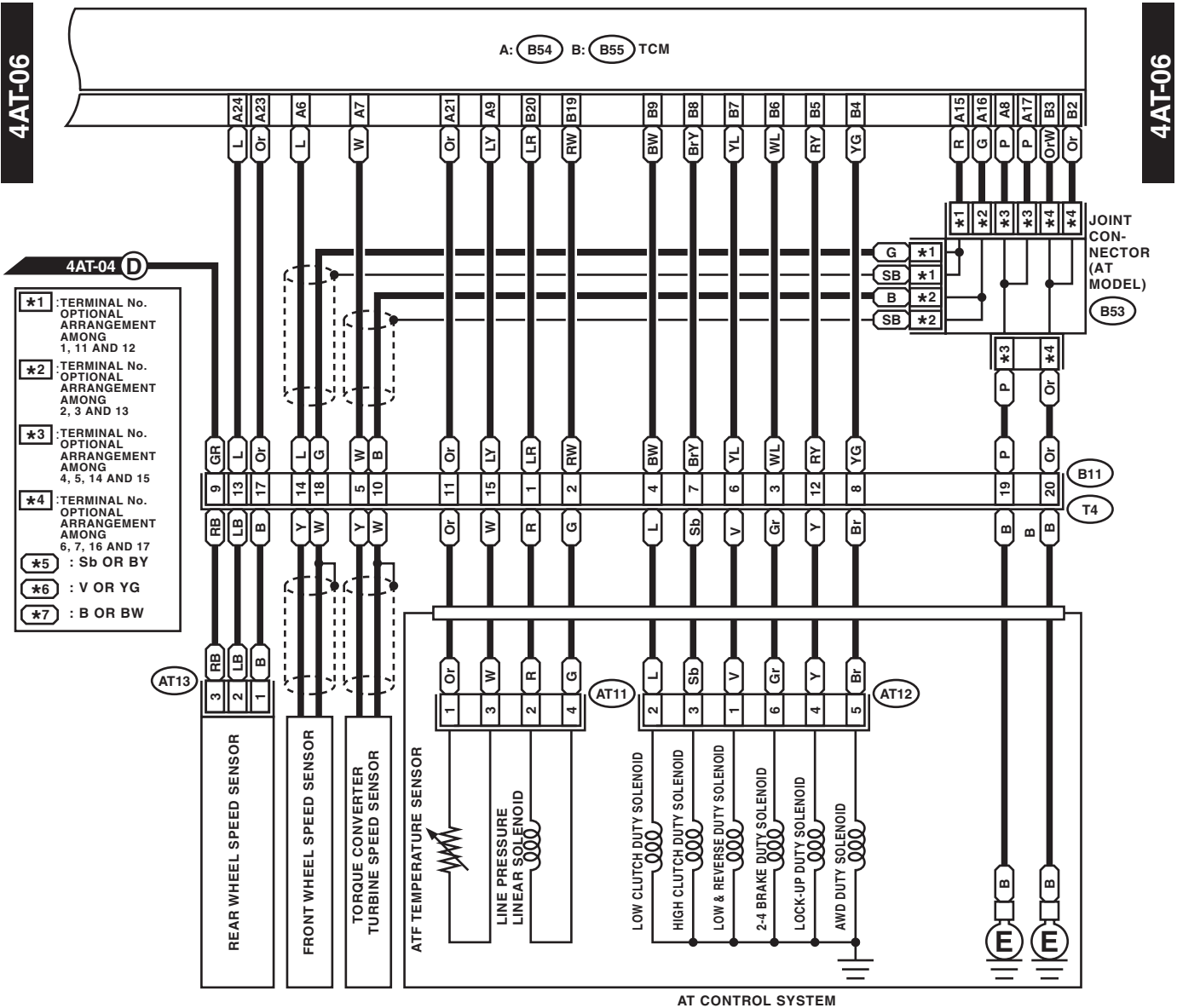


AT Control System

WIRING SYSTEM

4AT-06

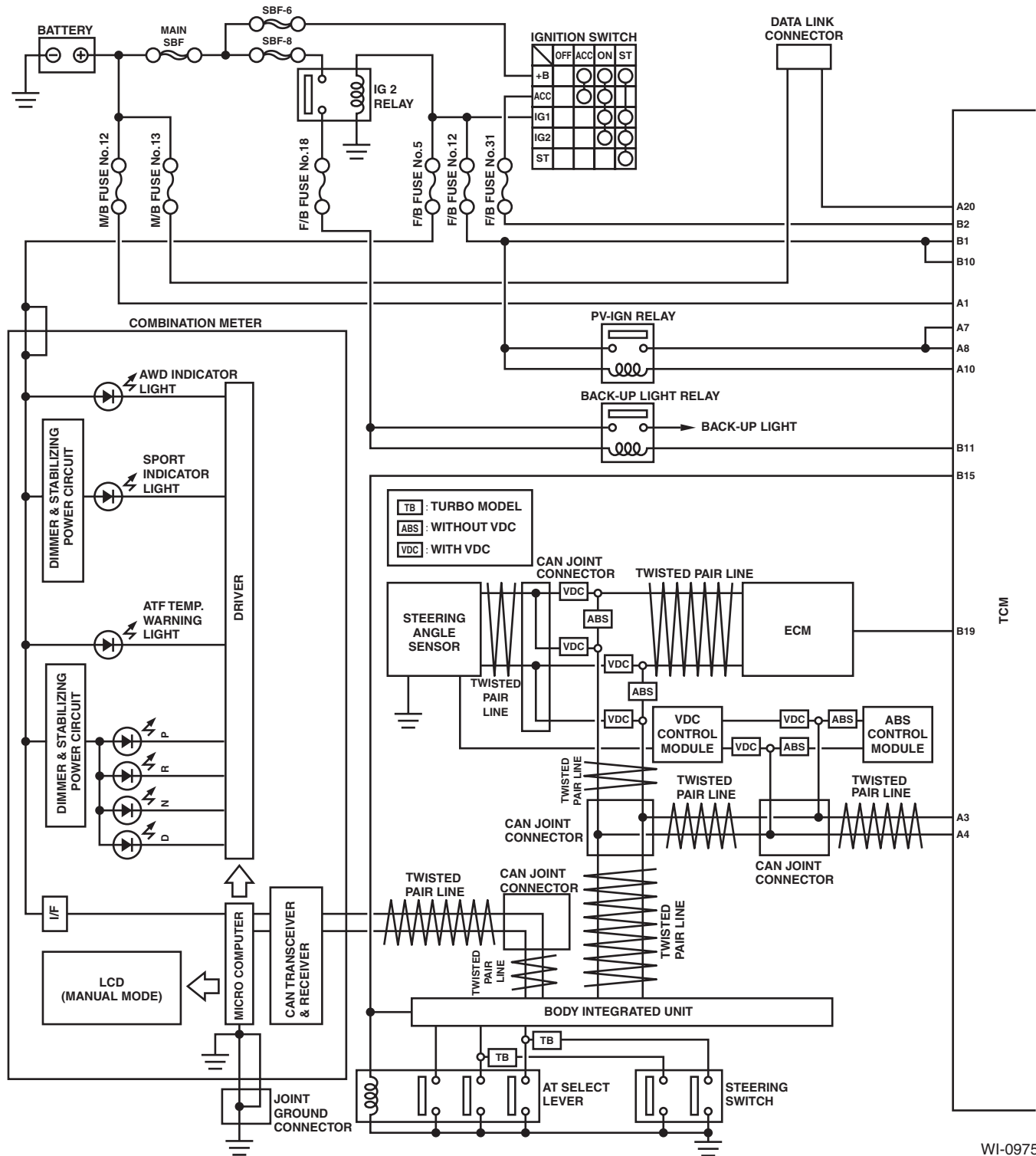
4AT-06



WI-11928

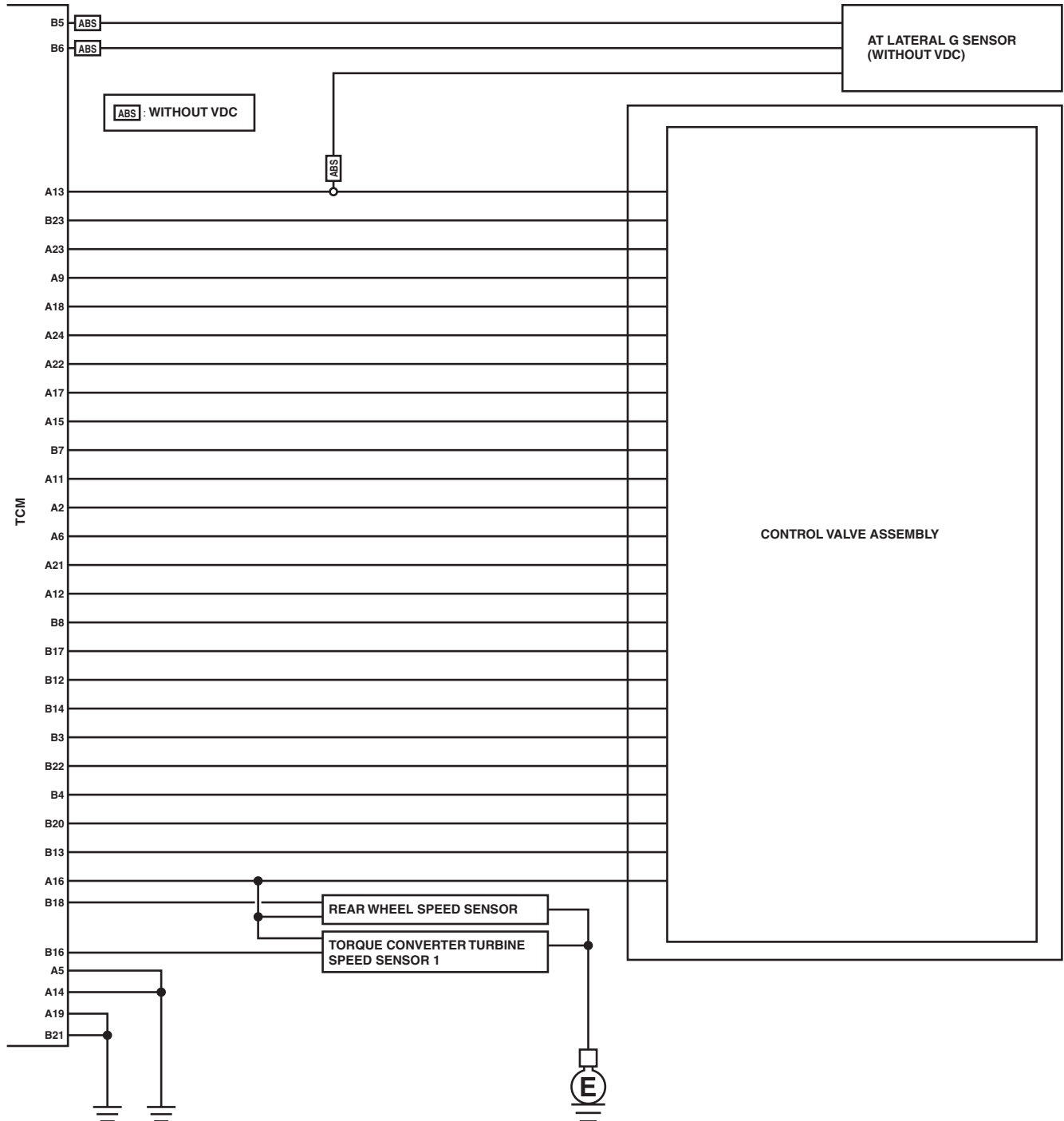
WIRING SYSTEM

2. 5AT MODEL



AT Control System

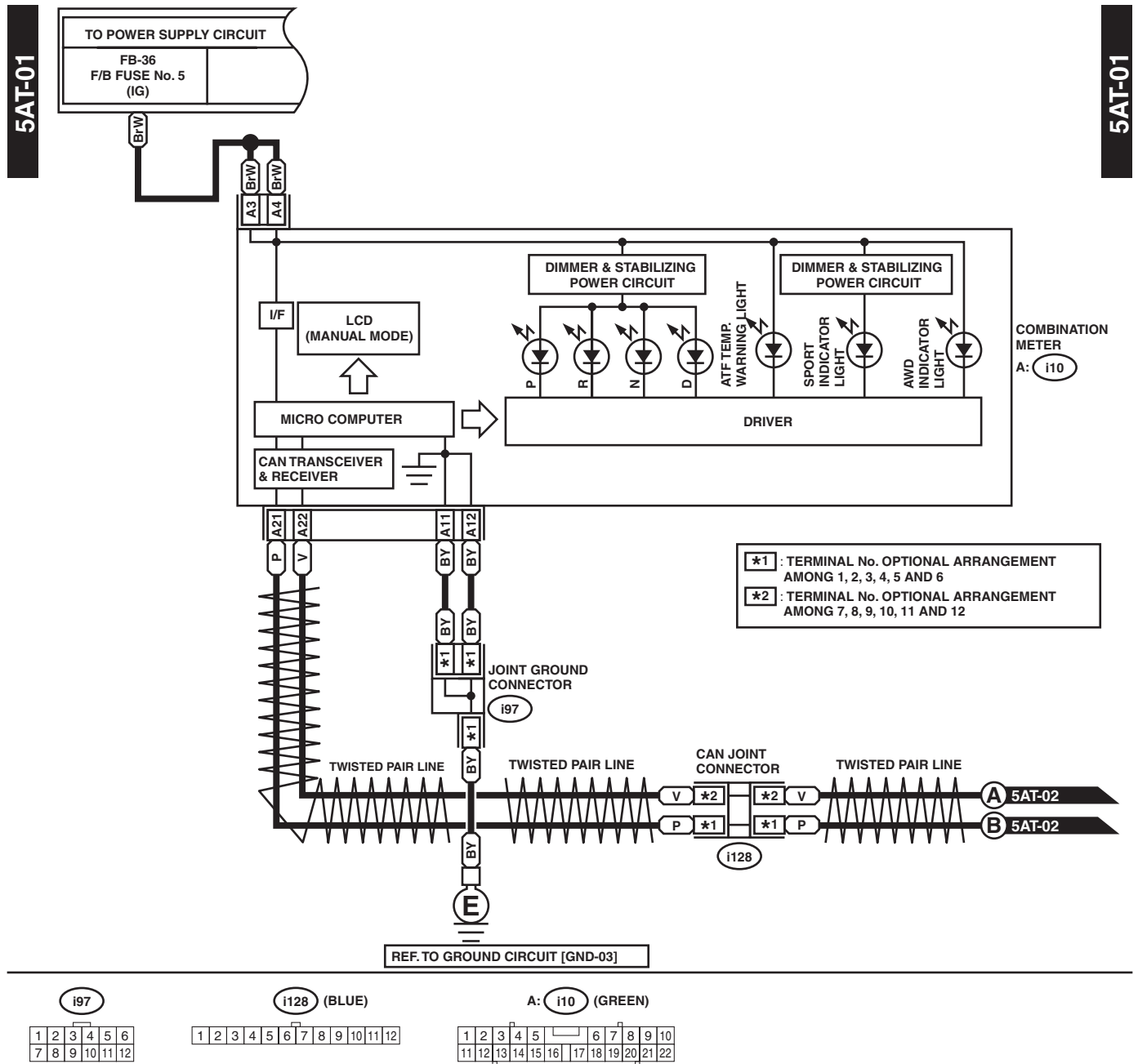
WIRING SYSTEM



WI-09756

AT Control System

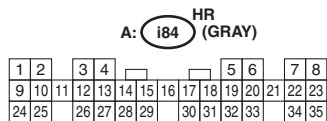
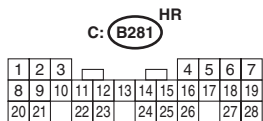
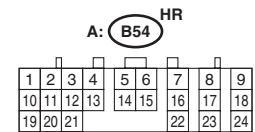
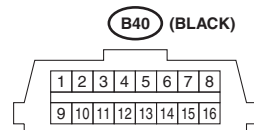
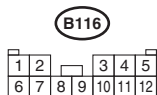
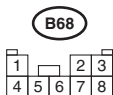
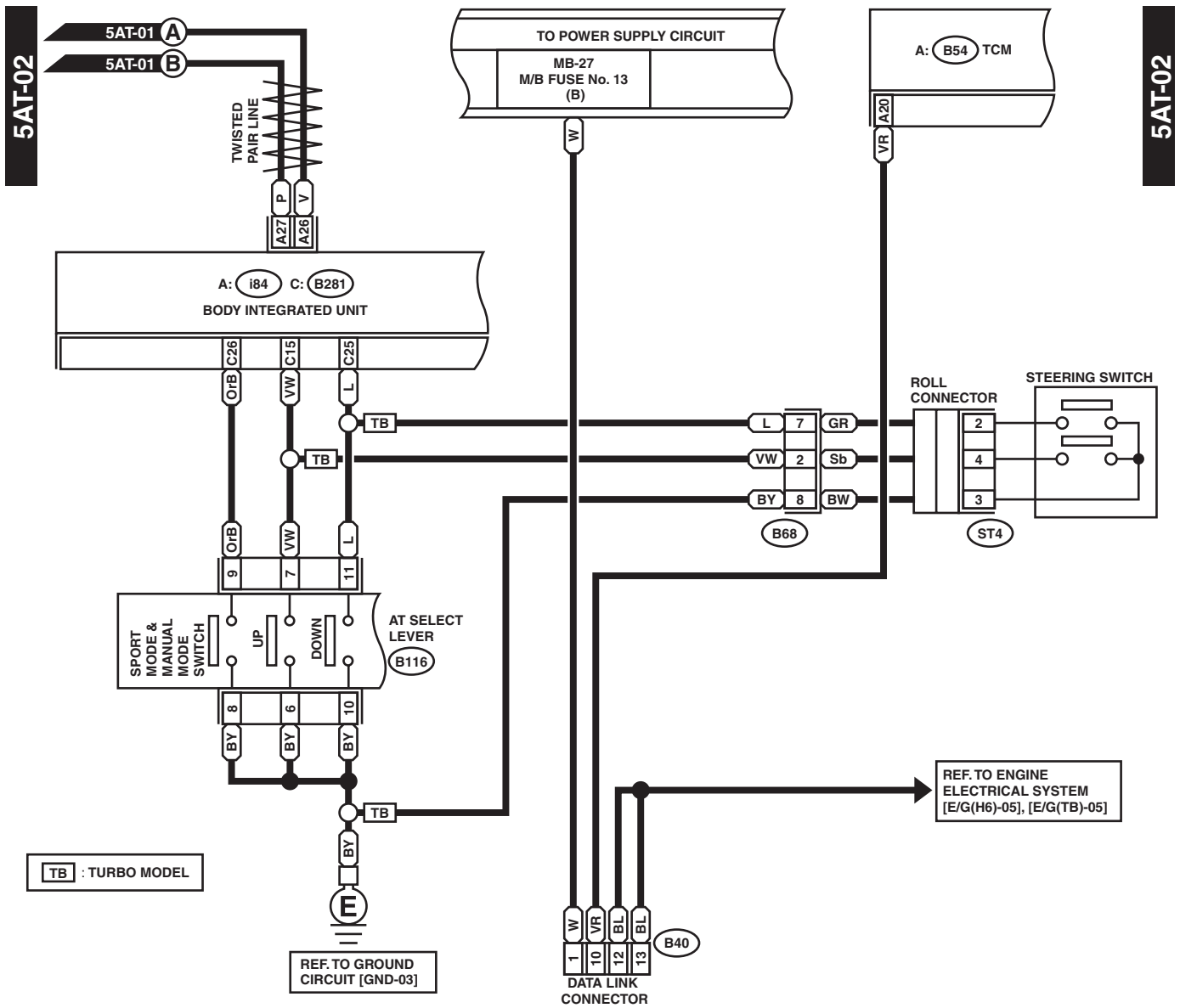
WIRING SYSTEM



WI-09757

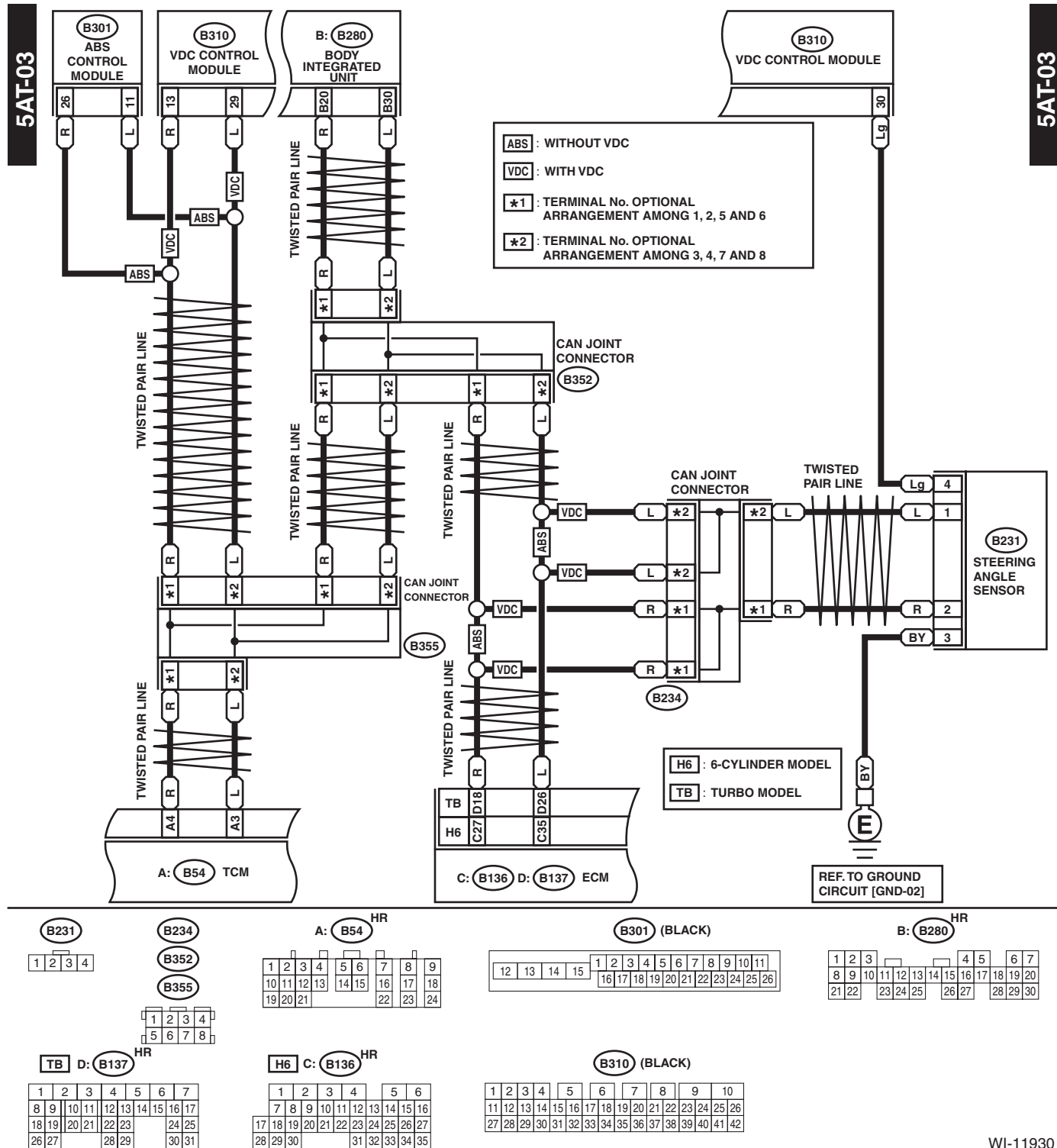
AT Control System

WIRING SYSTEM



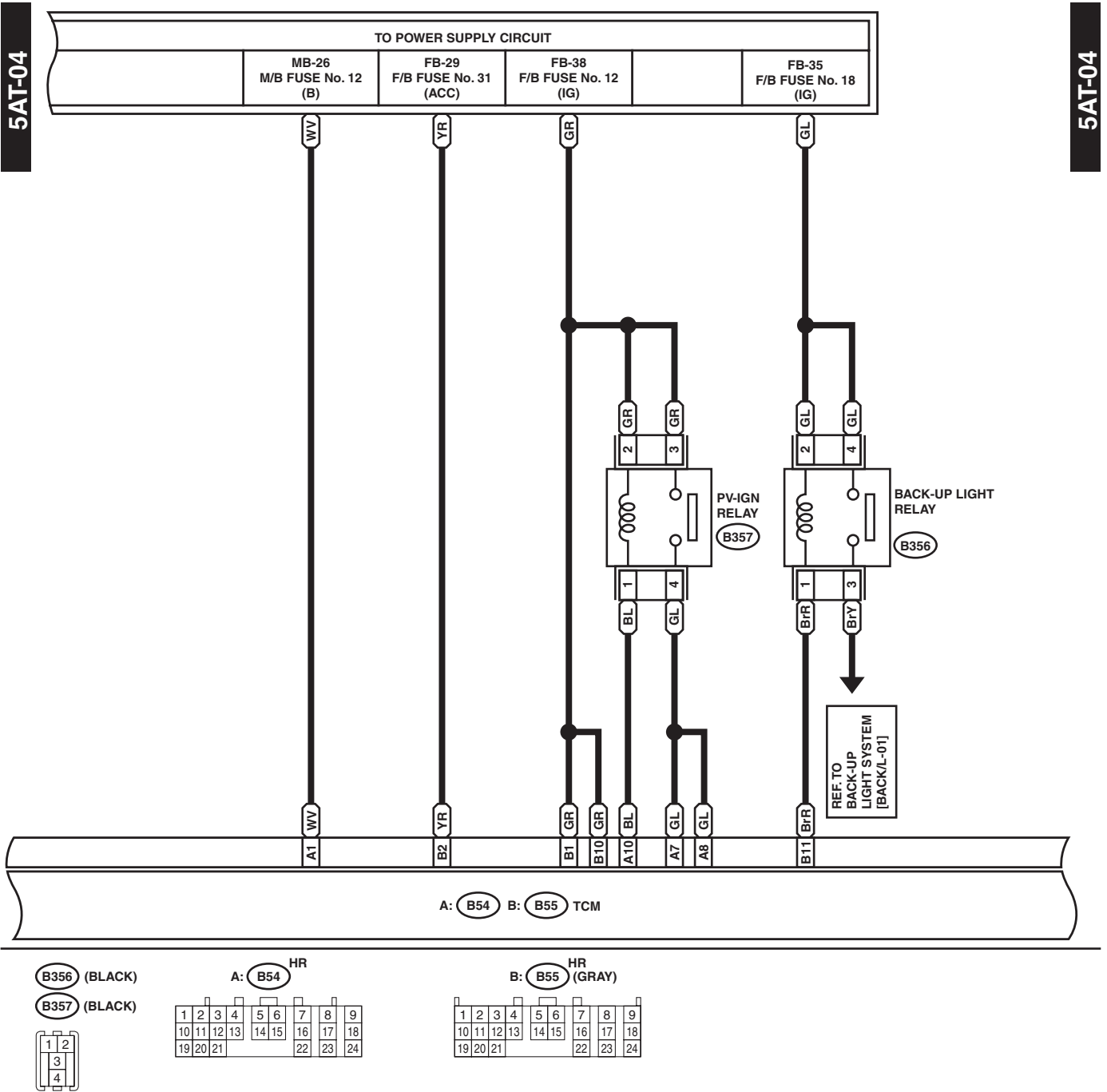
WI-11929

WIRING SYSTEM



AT Control System

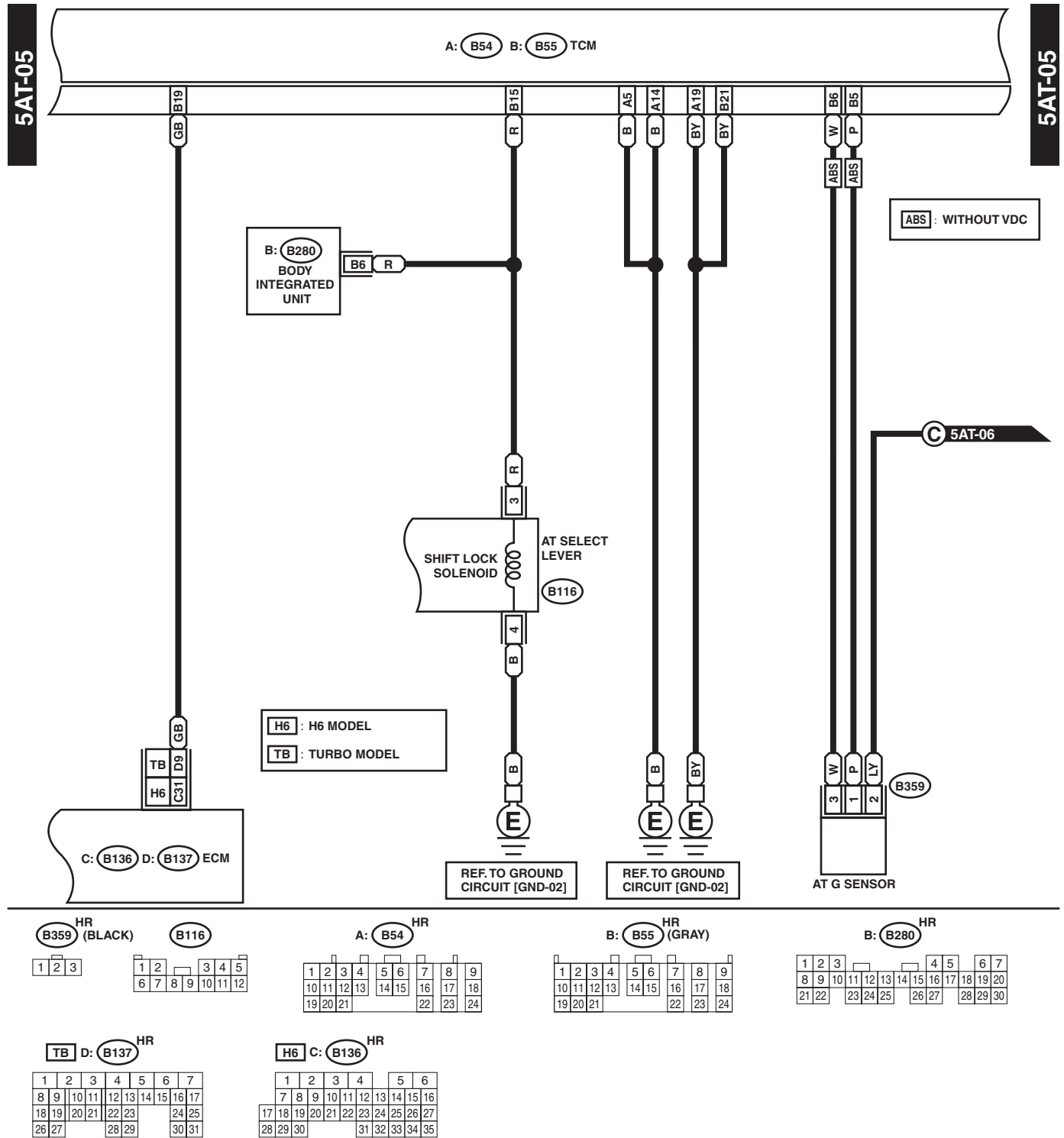
WIRING SYSTEM



WI-11931

AT Control System

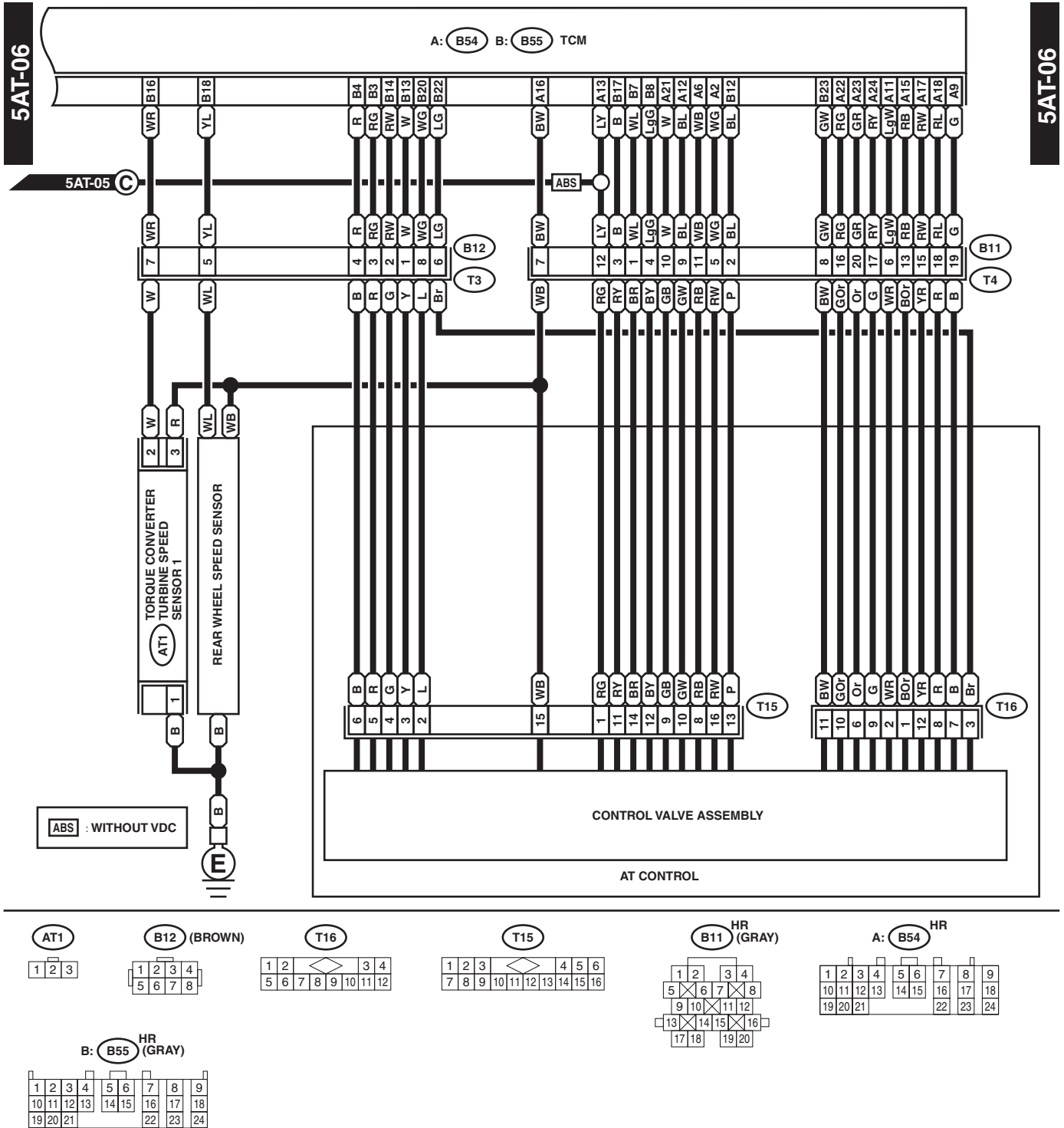
WIRING SYSTEM



WI-11932

AT Control System

WIRING SYSTEM



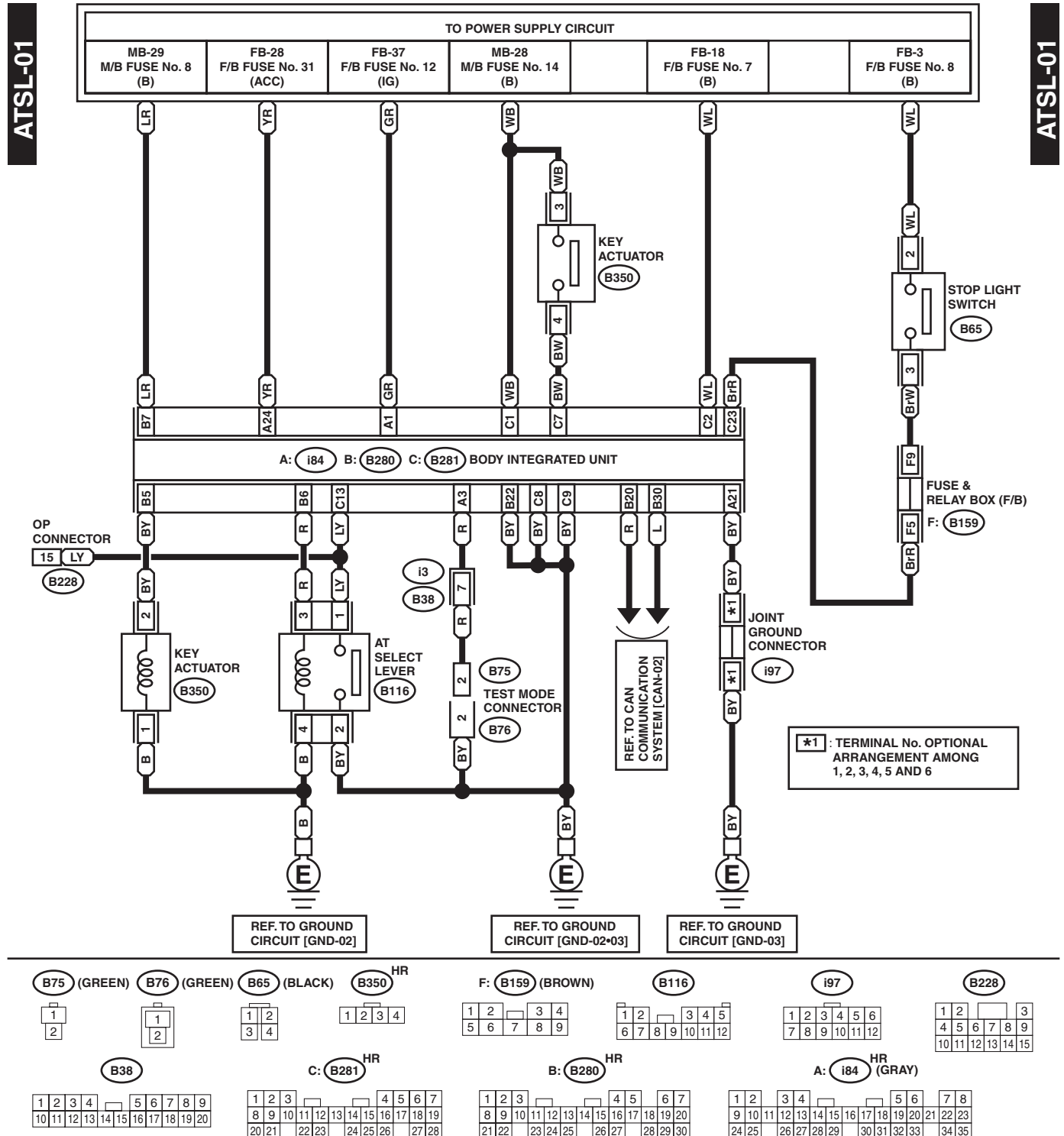
WI-11933

AT Shift Lock Control System

WIRING SYSTEM

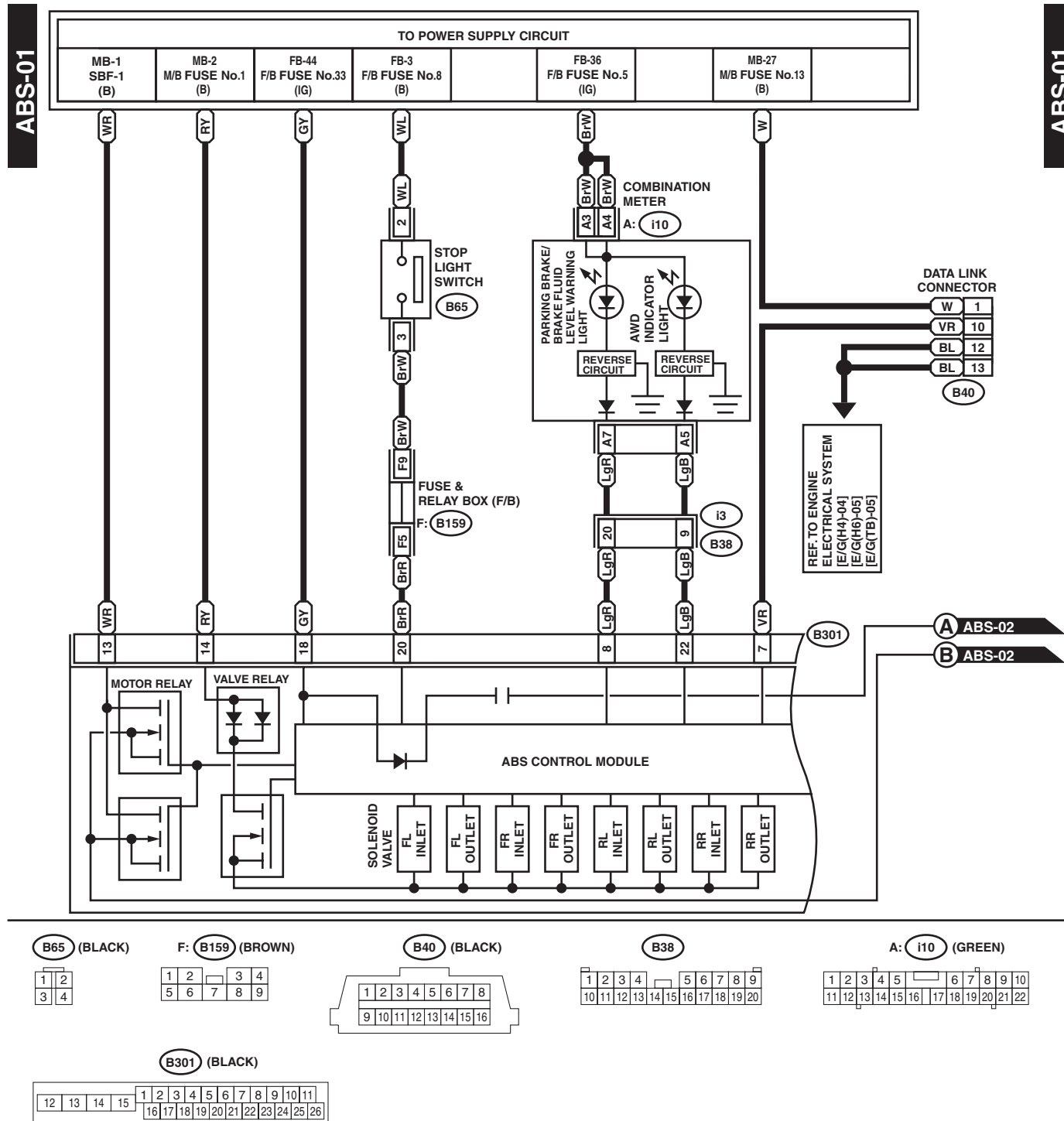
10.AT Shift Lock Control System

A: WIRING DIAGRAM



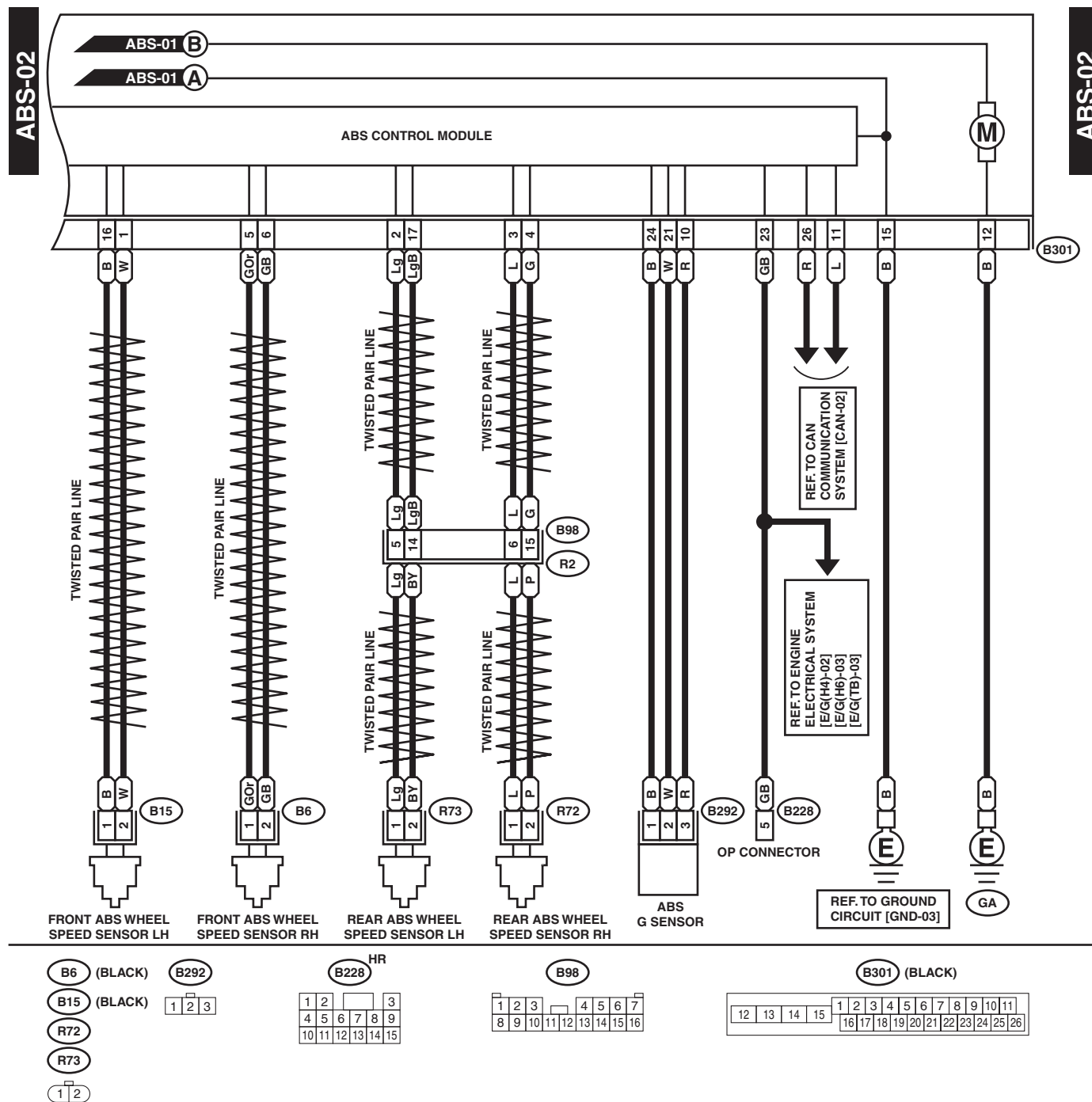
11. Anti-lock Brake System

A: WIRING DIAGRAM



Anti-lock Brake System

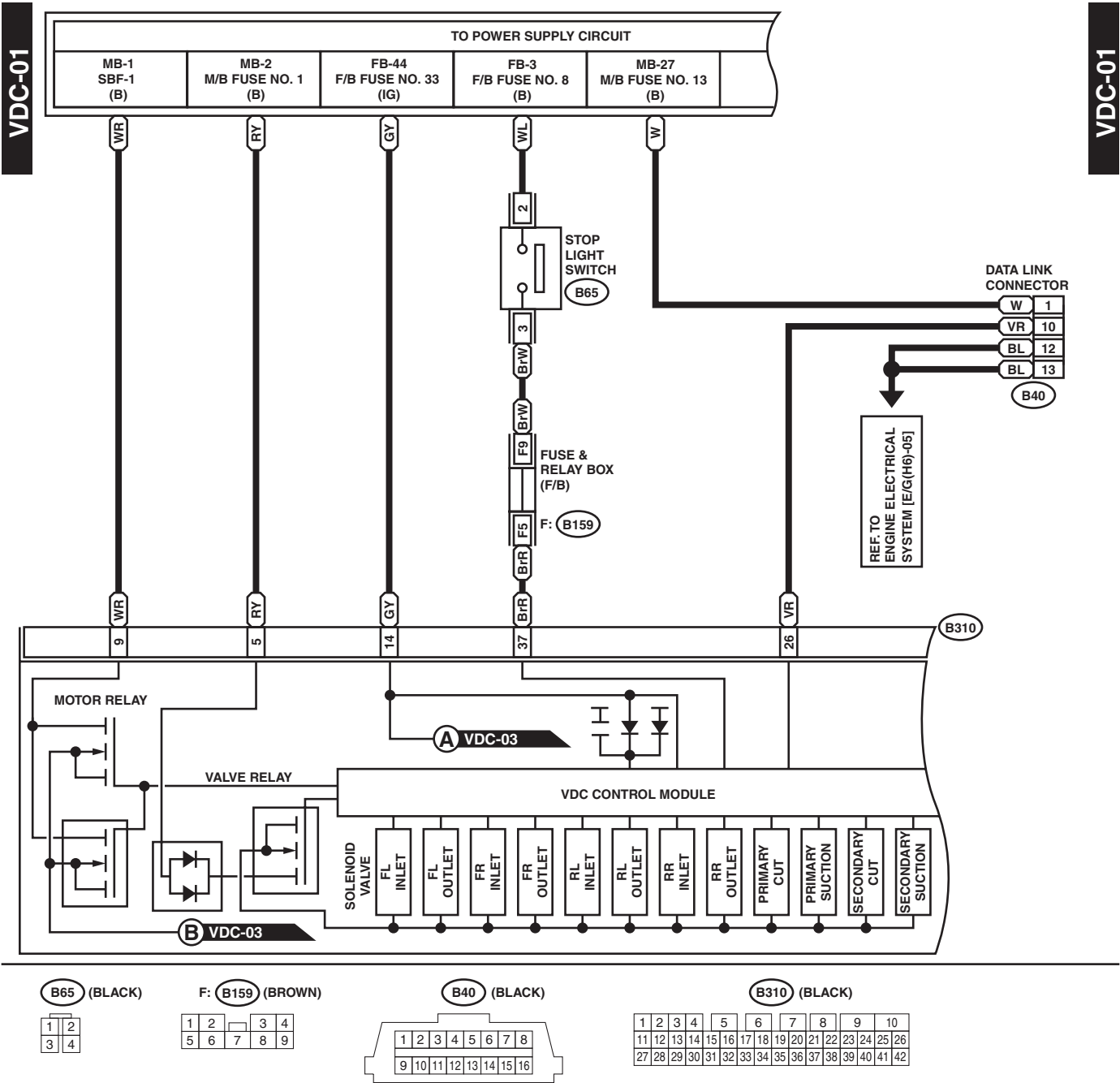
WIRING SYSTEM



WI-11935

12.Vehicle Dynamics Control System

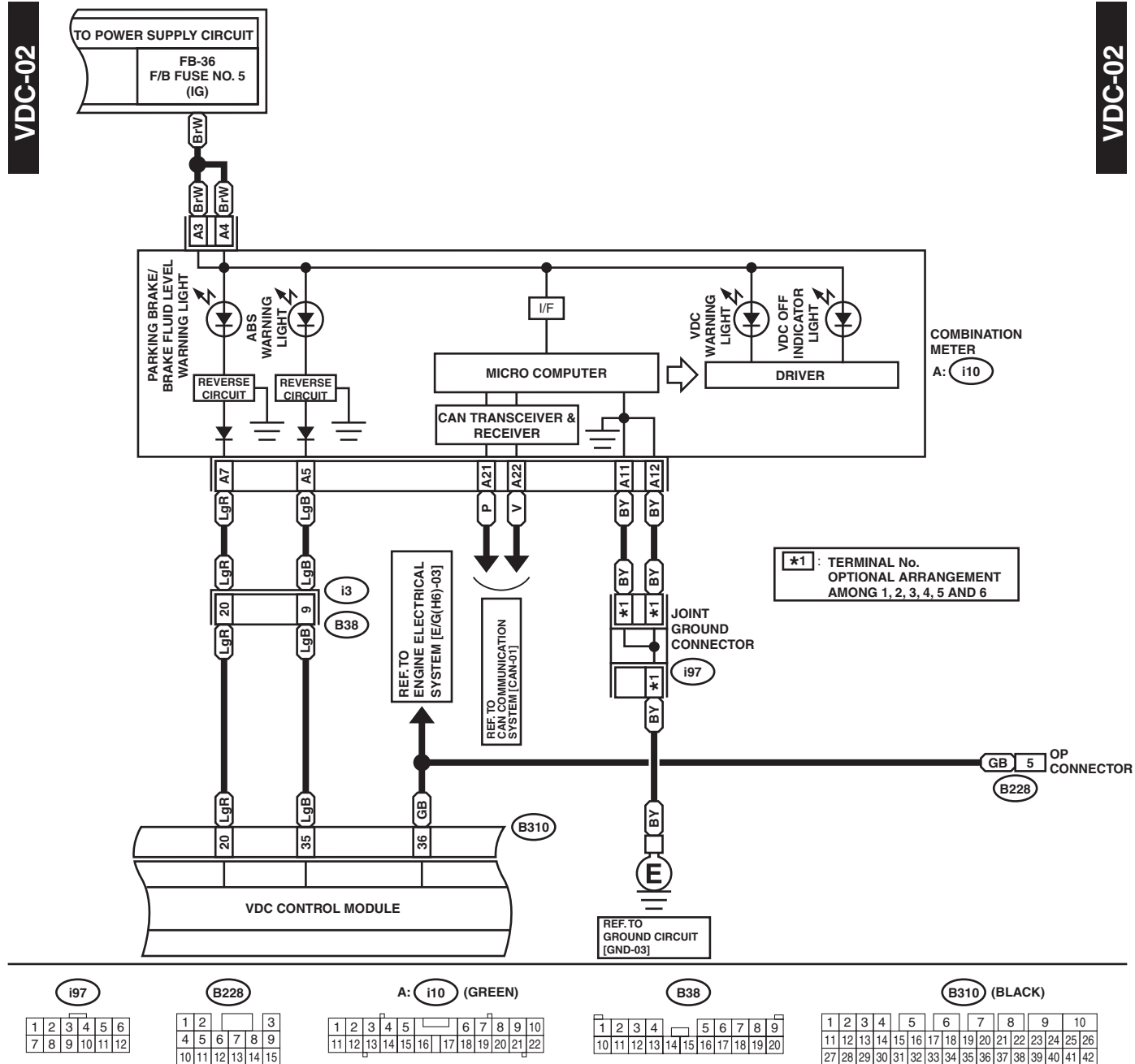
A: WIRING DIAGRAM



WIRING SYSTEM

VDC-02

VDC-02



WI-09767

WIRING SYSTEM

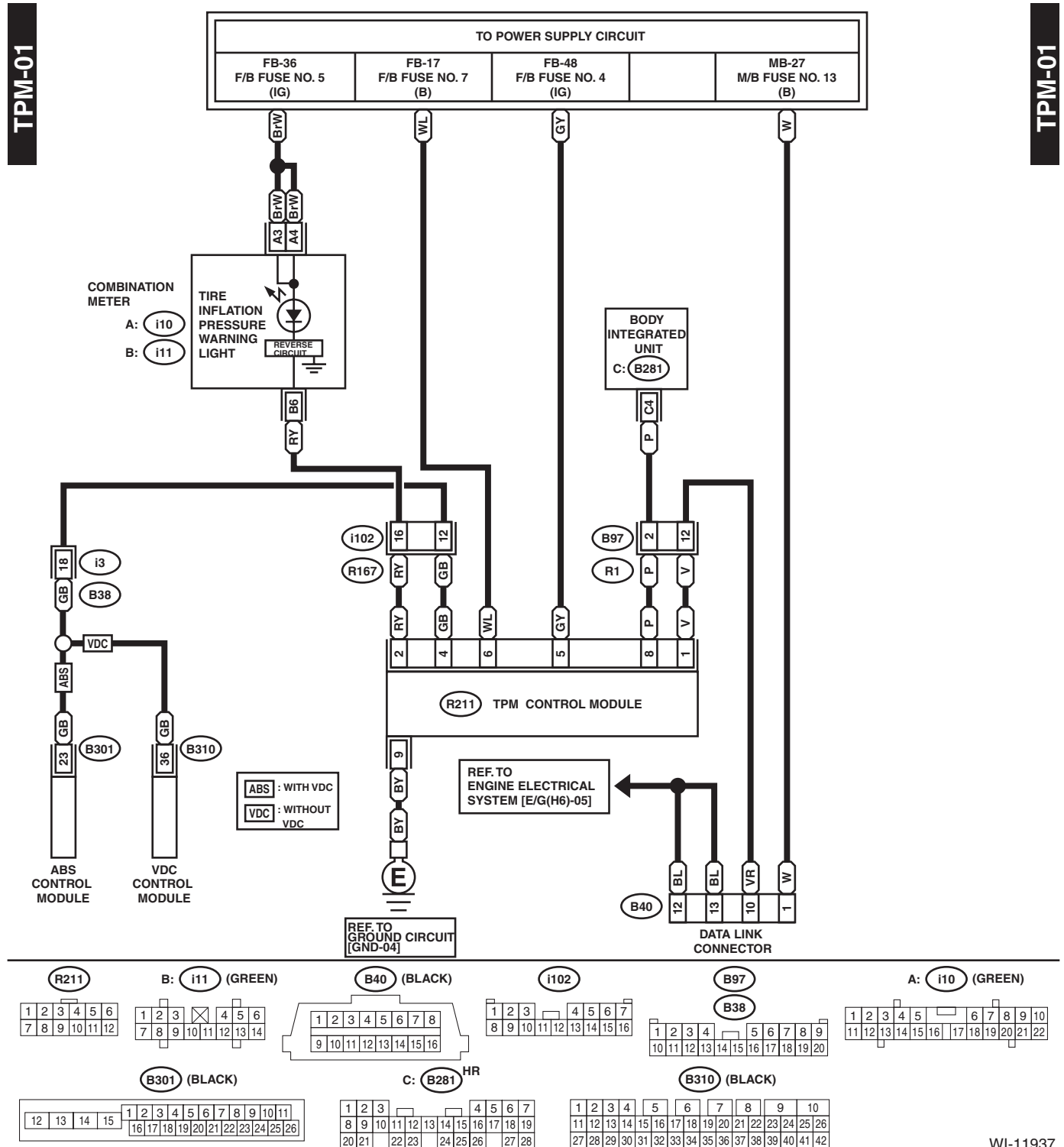


TPM Control System

WIRING SYSTEM

13.TPM Control System

A: WIRING DIAGRAM

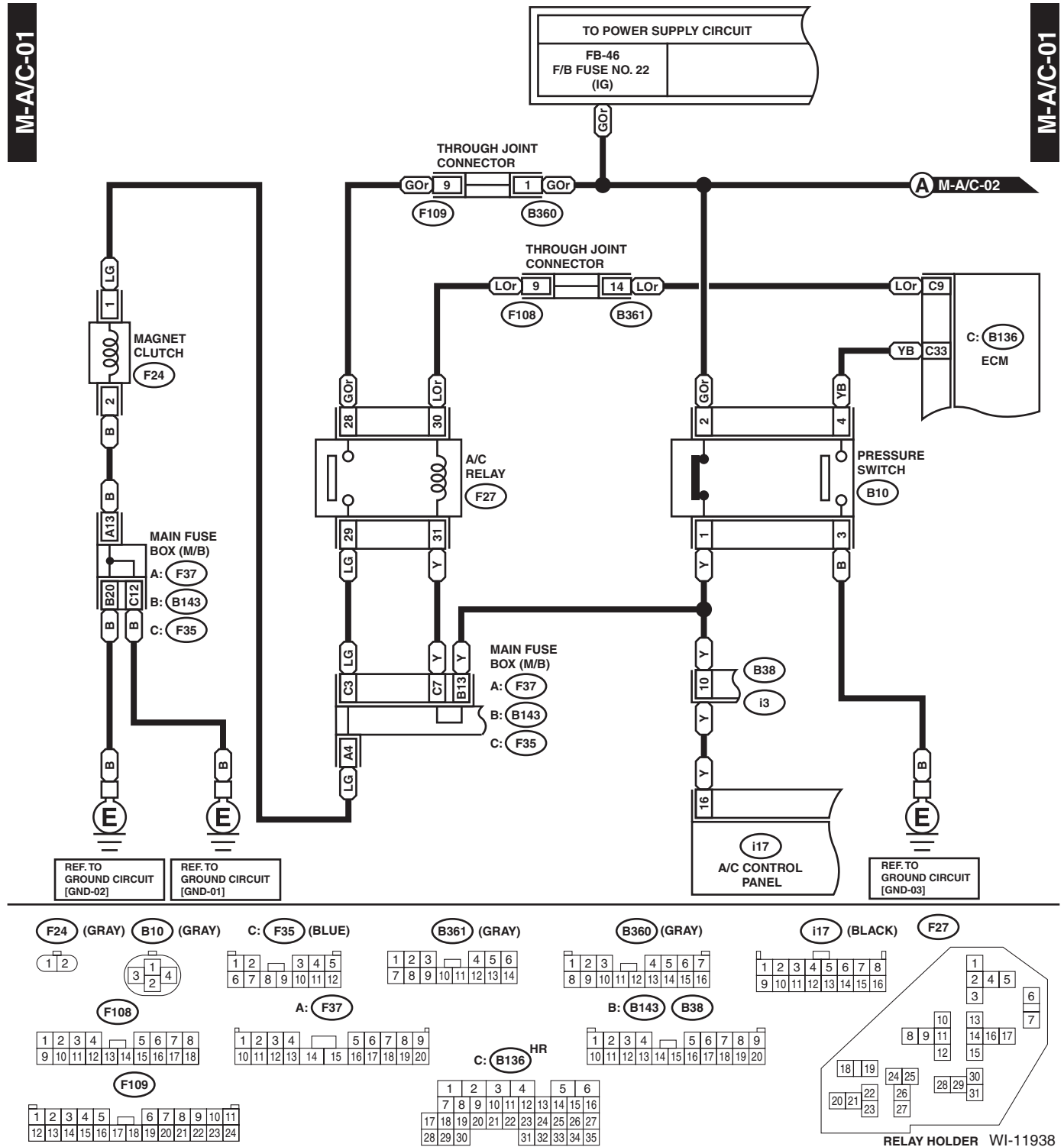


WI-11937

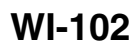
14. Air Conditioning System

A: WIRING DIAGRAM

1. MANUAL A/C MODEL



WIRING SYSTEM



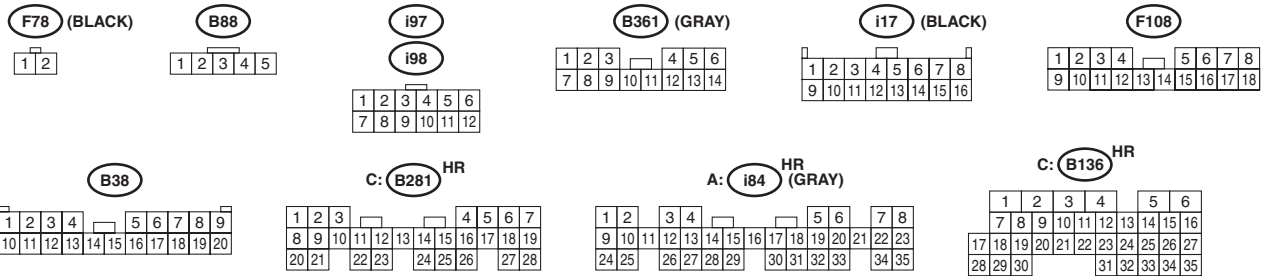
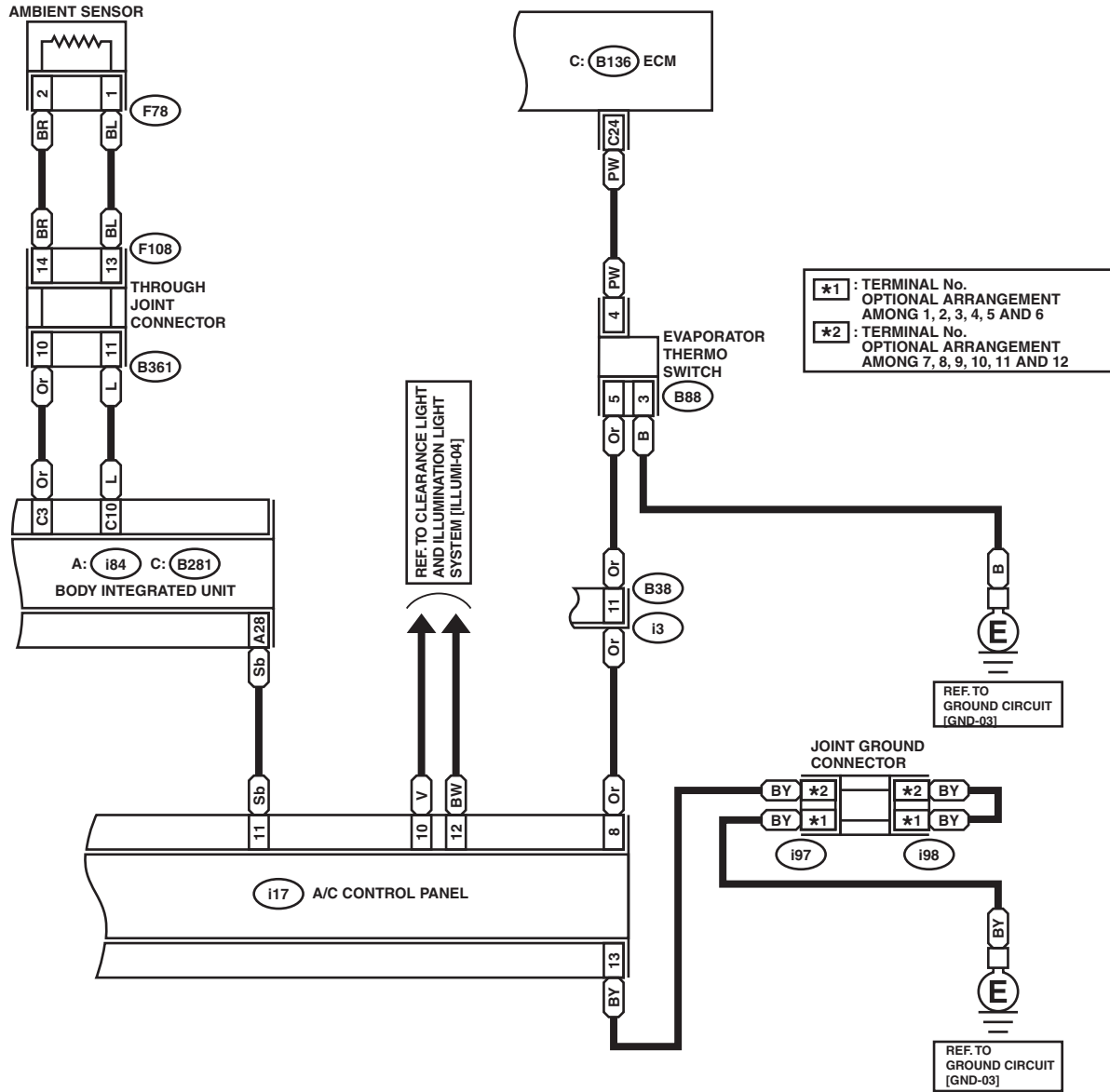
WI-11939

Air Conditioning System

WIRING SYSTEM

M-A/C-03

M-A/C-03

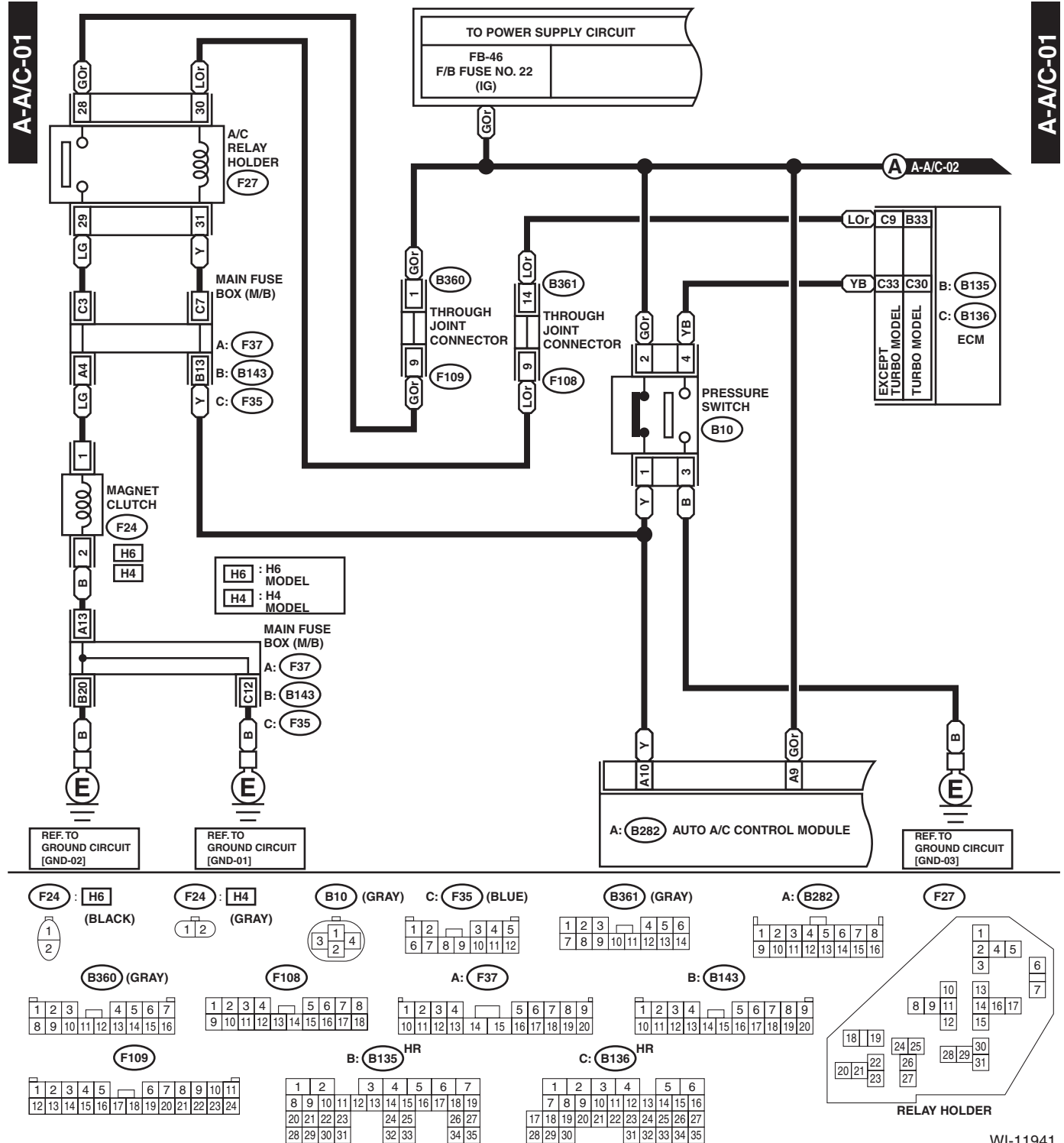


WI-11940

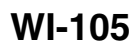
Air Conditioning System

WIRING SYSTEM

2. AUTO A/C MODEL



A-A/C-02

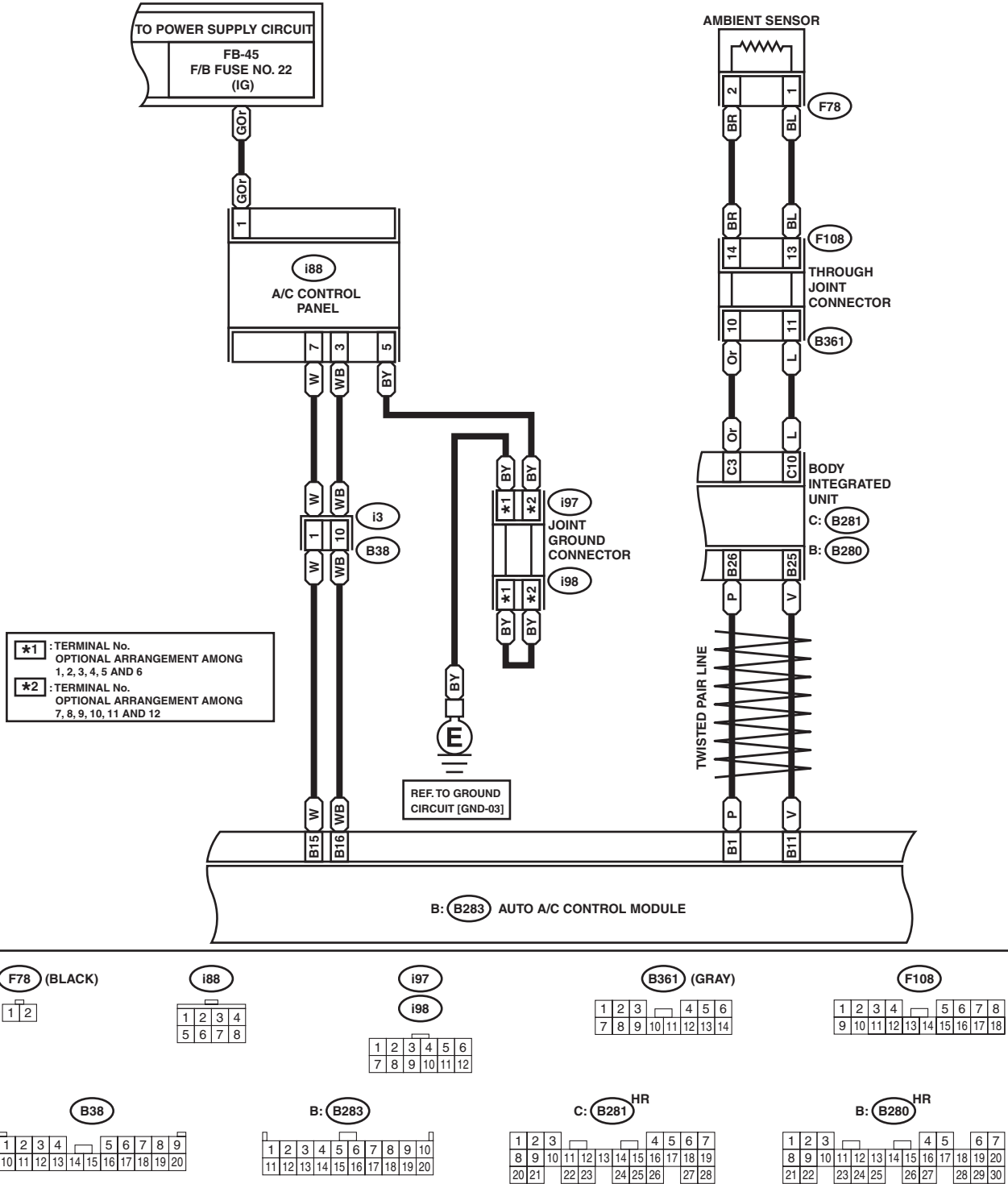


Air Conditioning System

WIRING SYSTEM

A-A/C-03

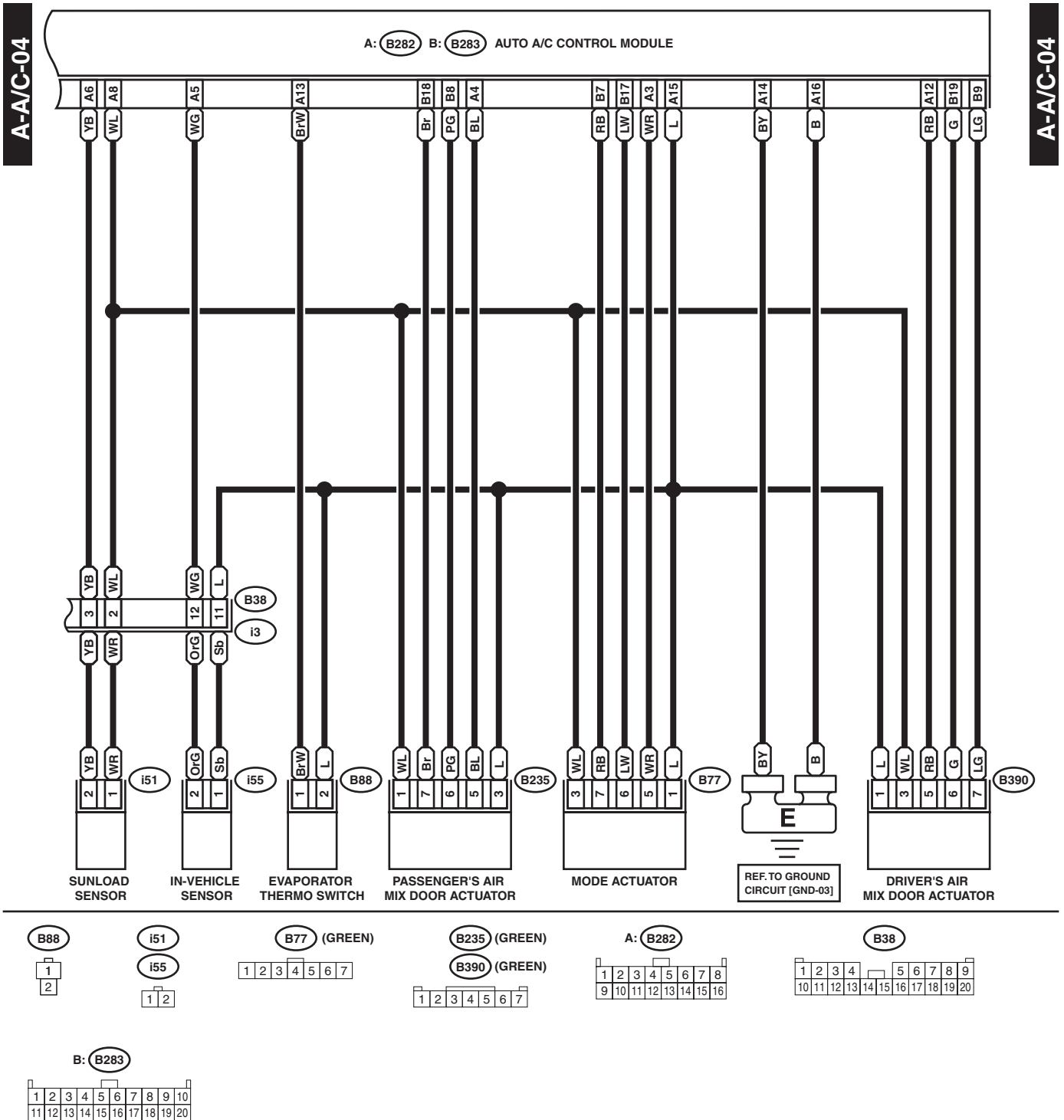
A-A/C-03



WI-11943

Air Conditioning System

WIRING SYSTEM



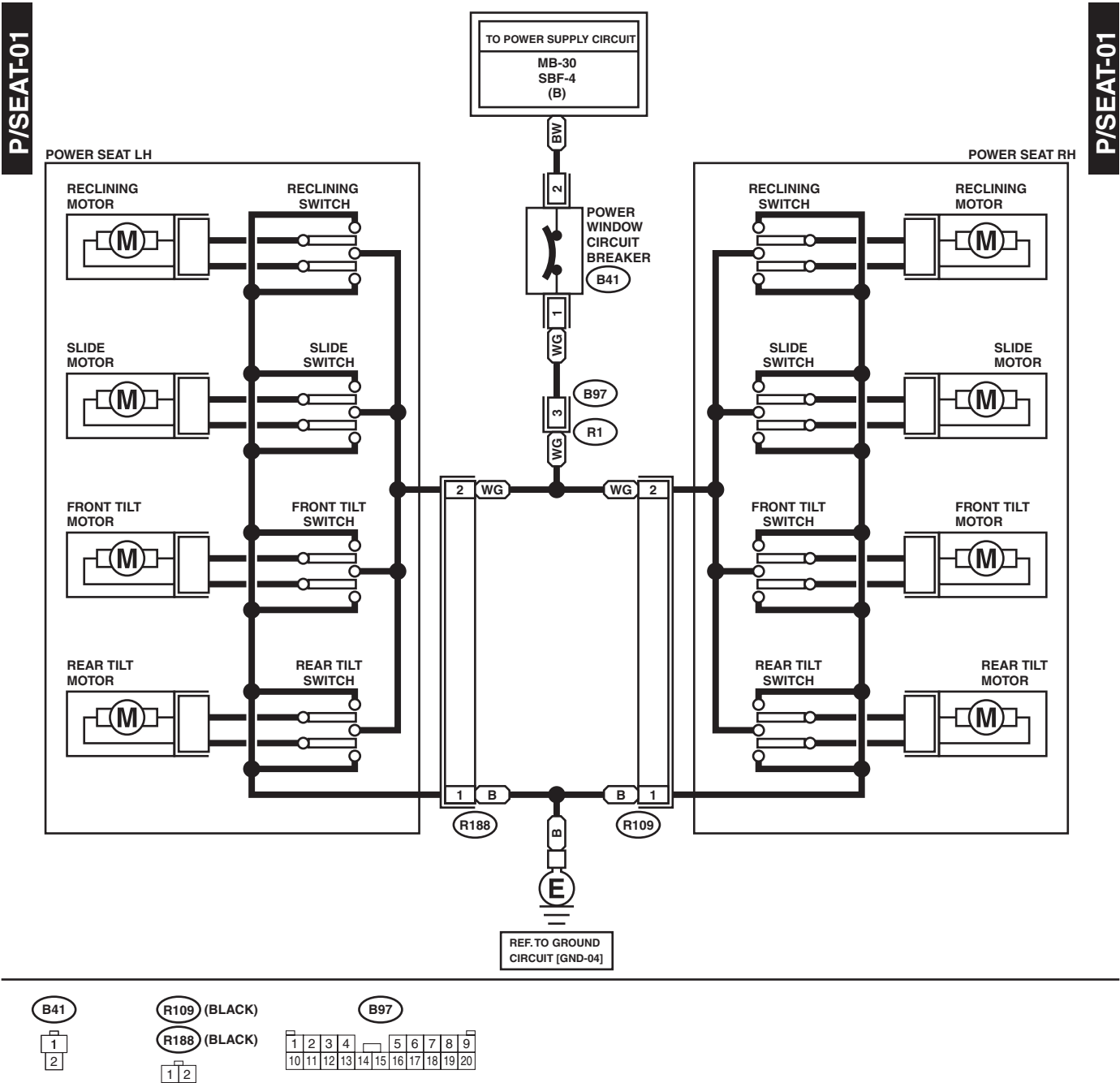
WI-09776

Power Seat System

WIRING SYSTEM

15.Power Seat System

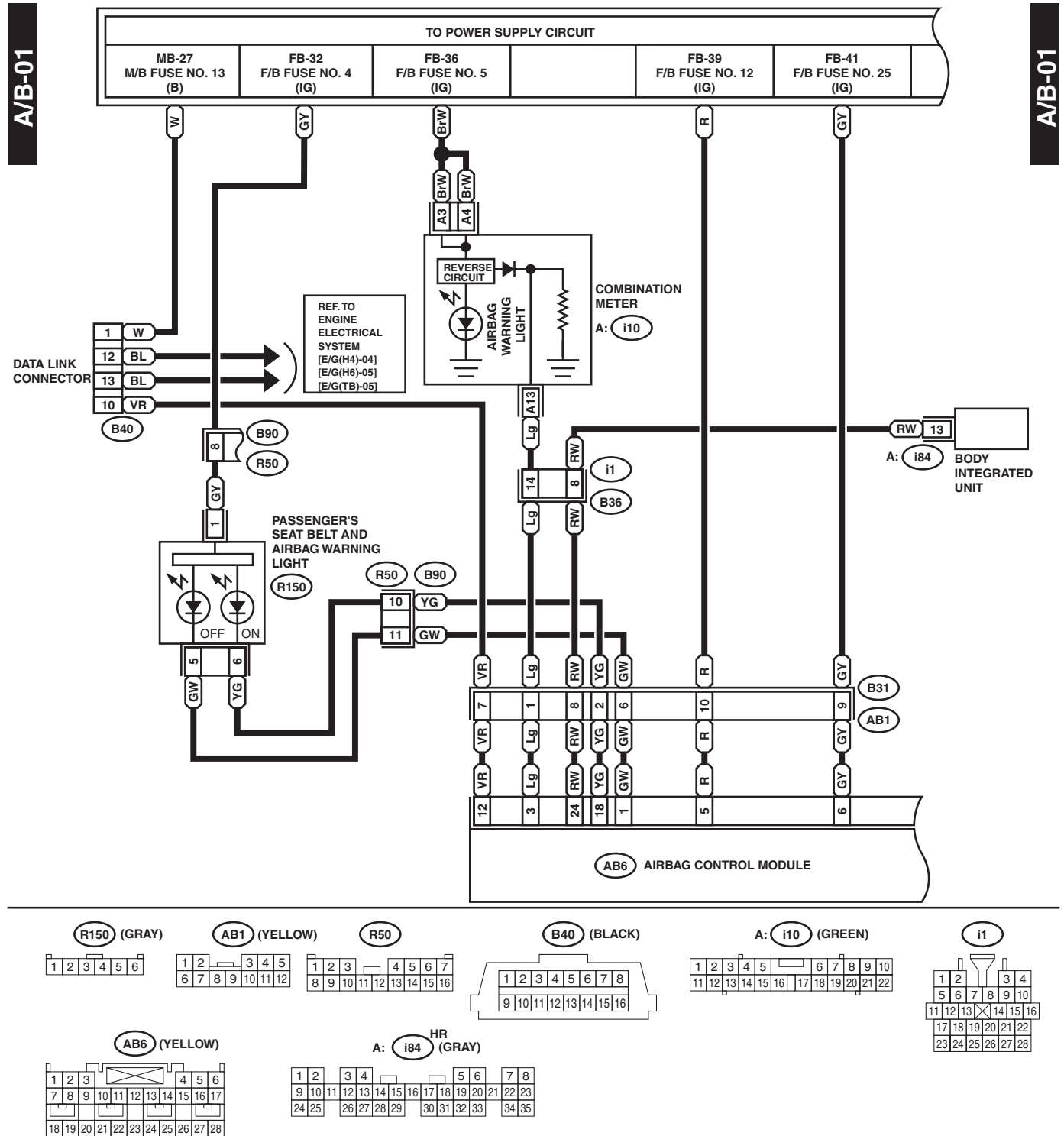
A: WIRING DIAGRAM



WI-09777

16. Airbag System

A: WIRING DIAGRAM



WI-11944

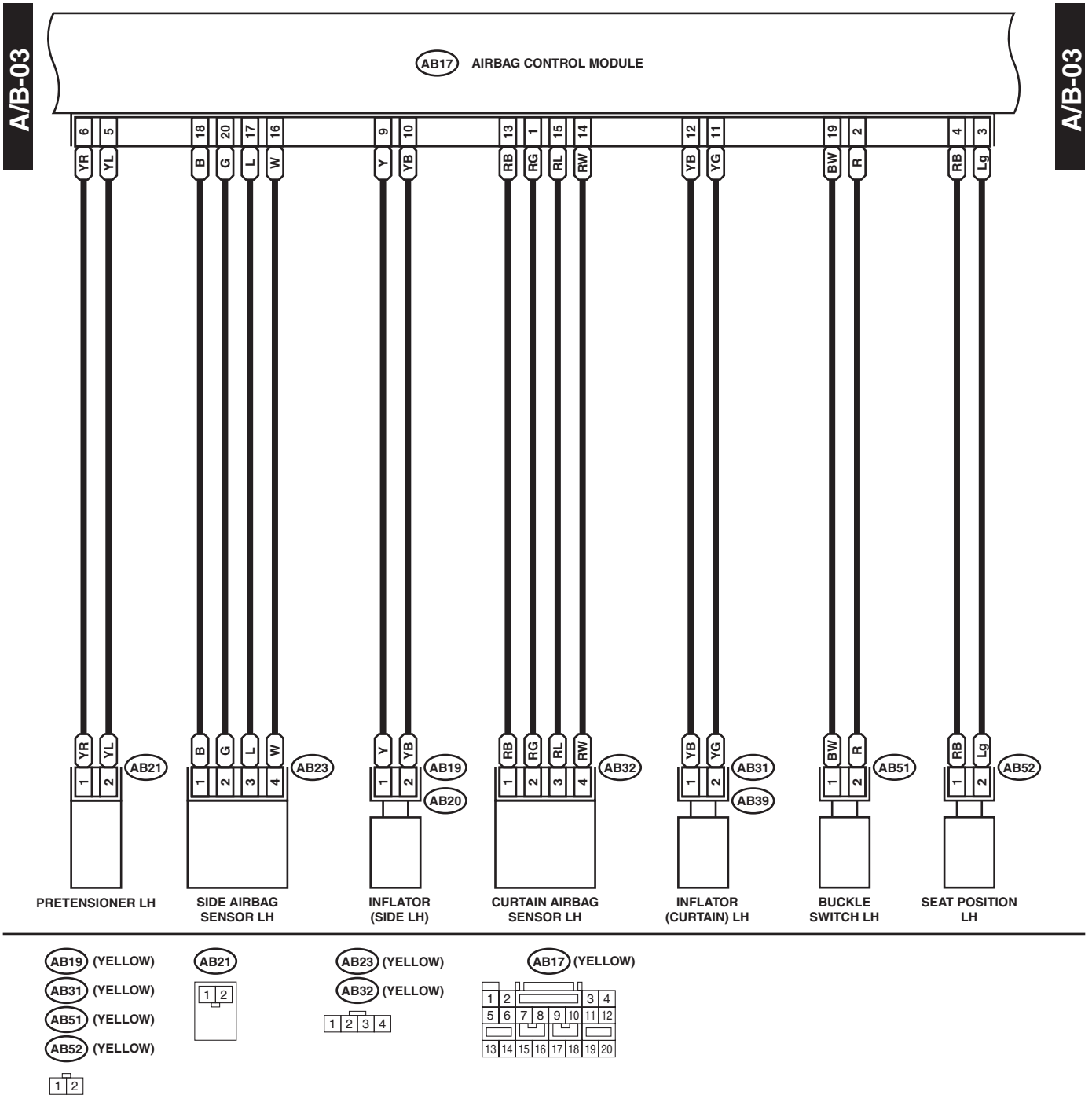
WIRING SYSTEM

A/B-02



Airbag System

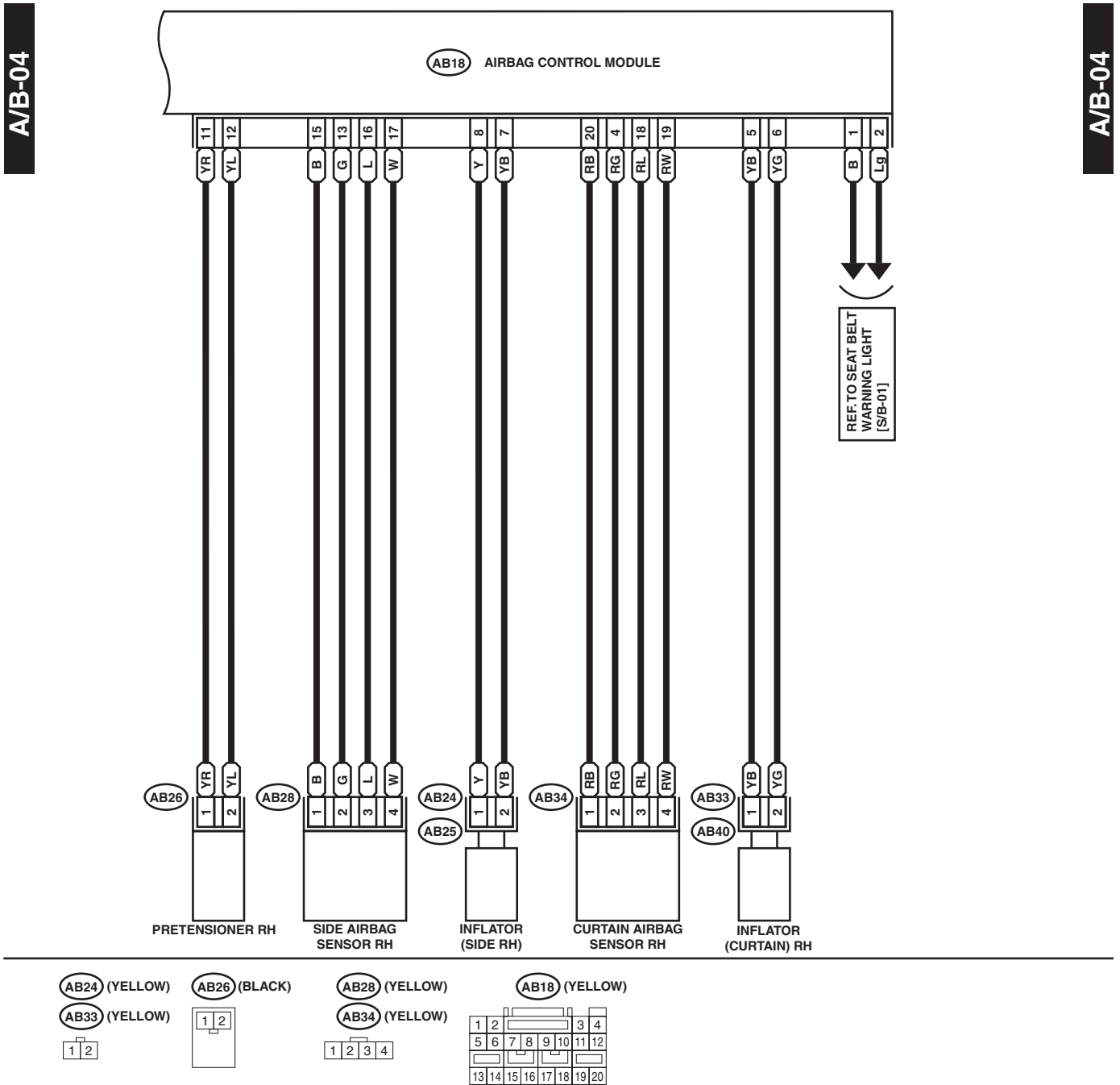
WIRING SYSTEM



WI-09780

Airbag System

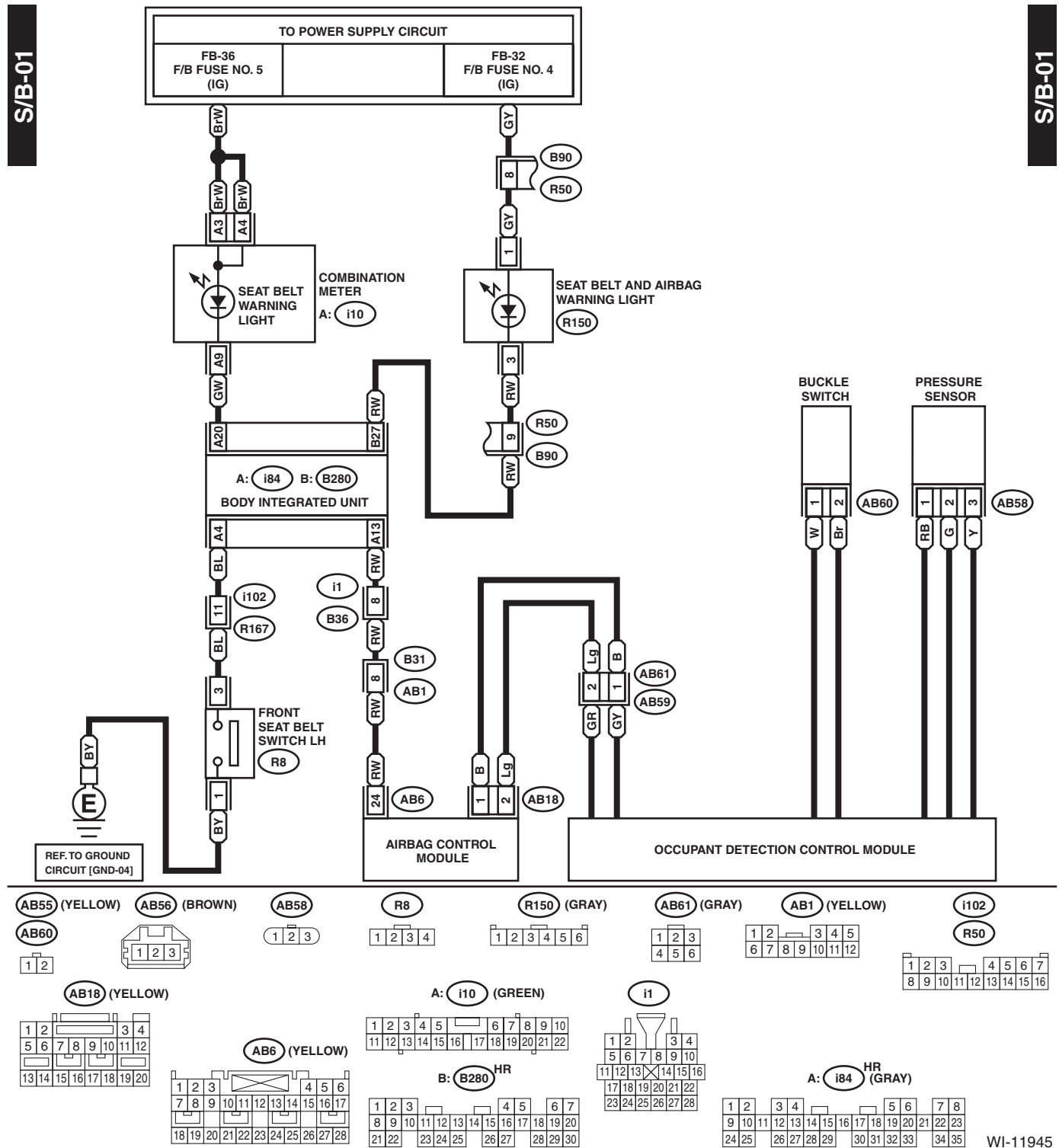
WIRING SYSTEM



WI-09781

17.Seat Belt Warning System

A: WIRING DIAGRAM

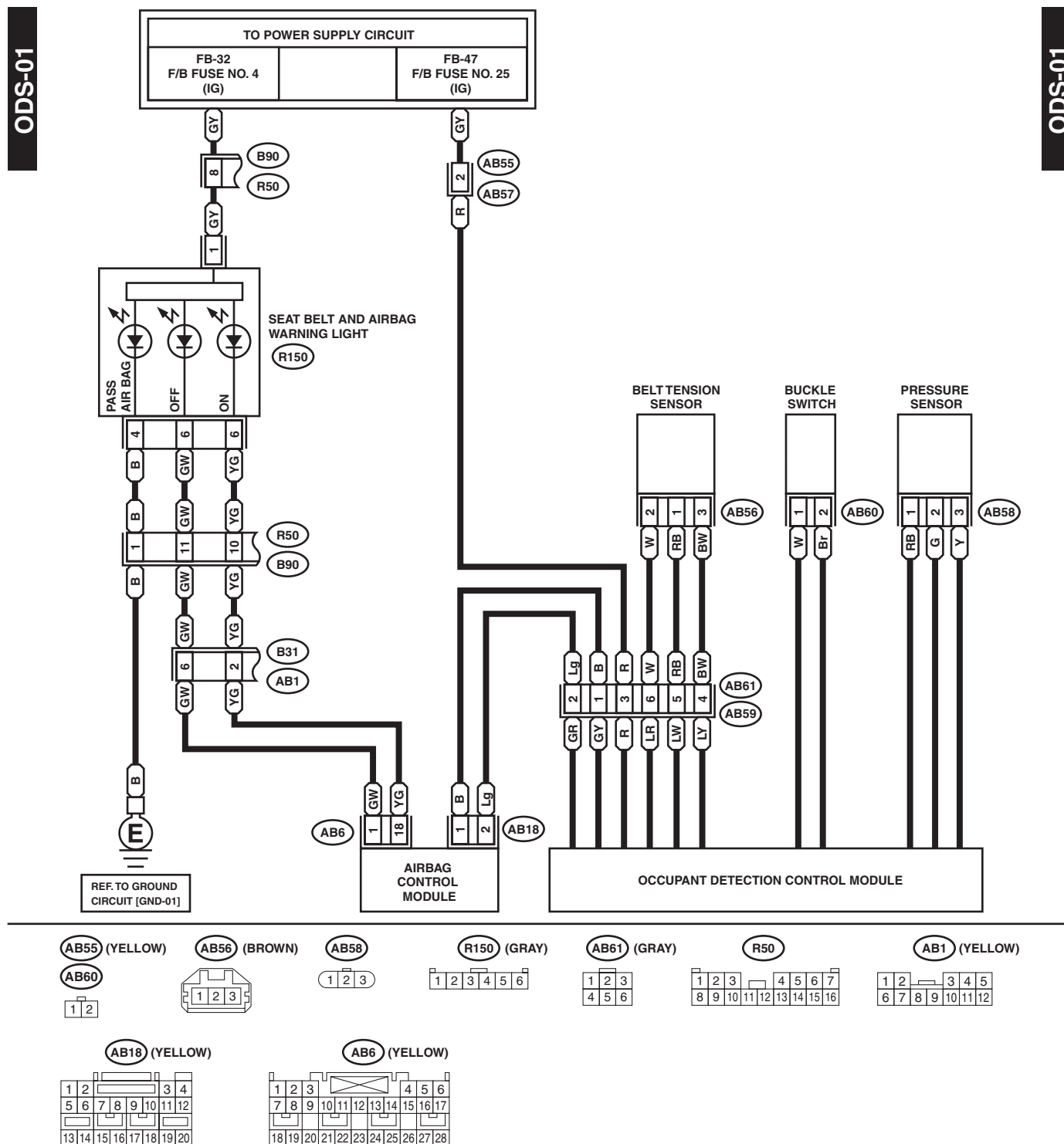


Occupant Detection System

WIRING SYSTEM

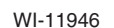
18. Occupant Detection System

A: WIRING DIAGRAM



WI-09783

A: WIRING DIAGRAM

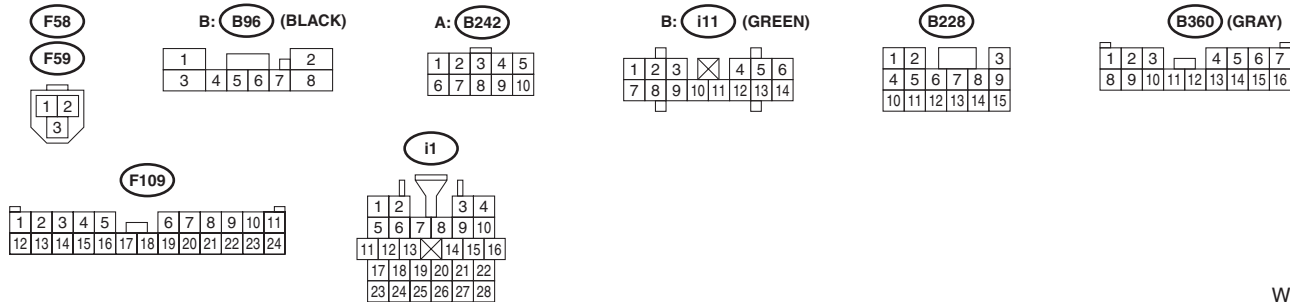
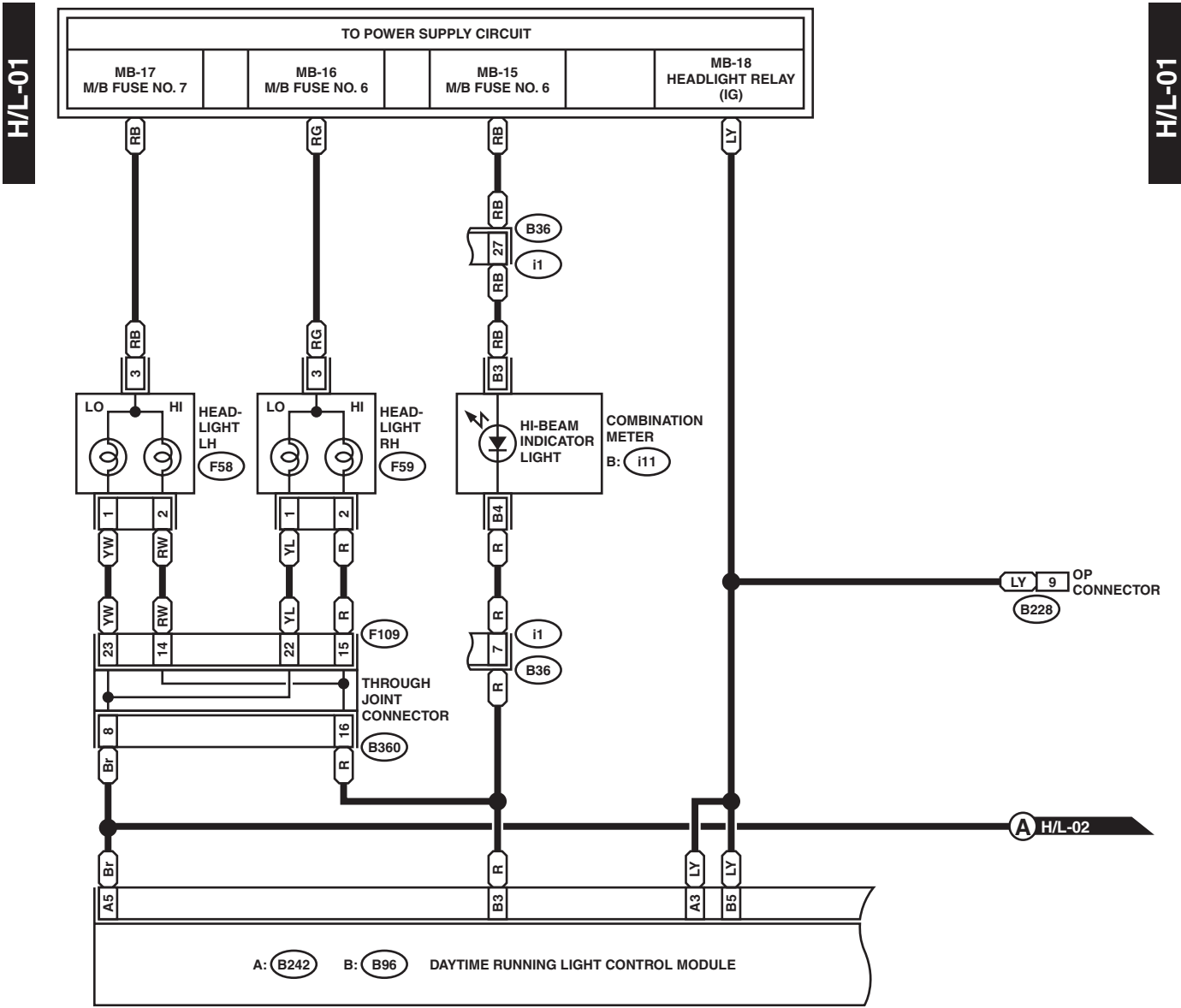


Headlight System

WIRING SYSTEM

20.Headlight System

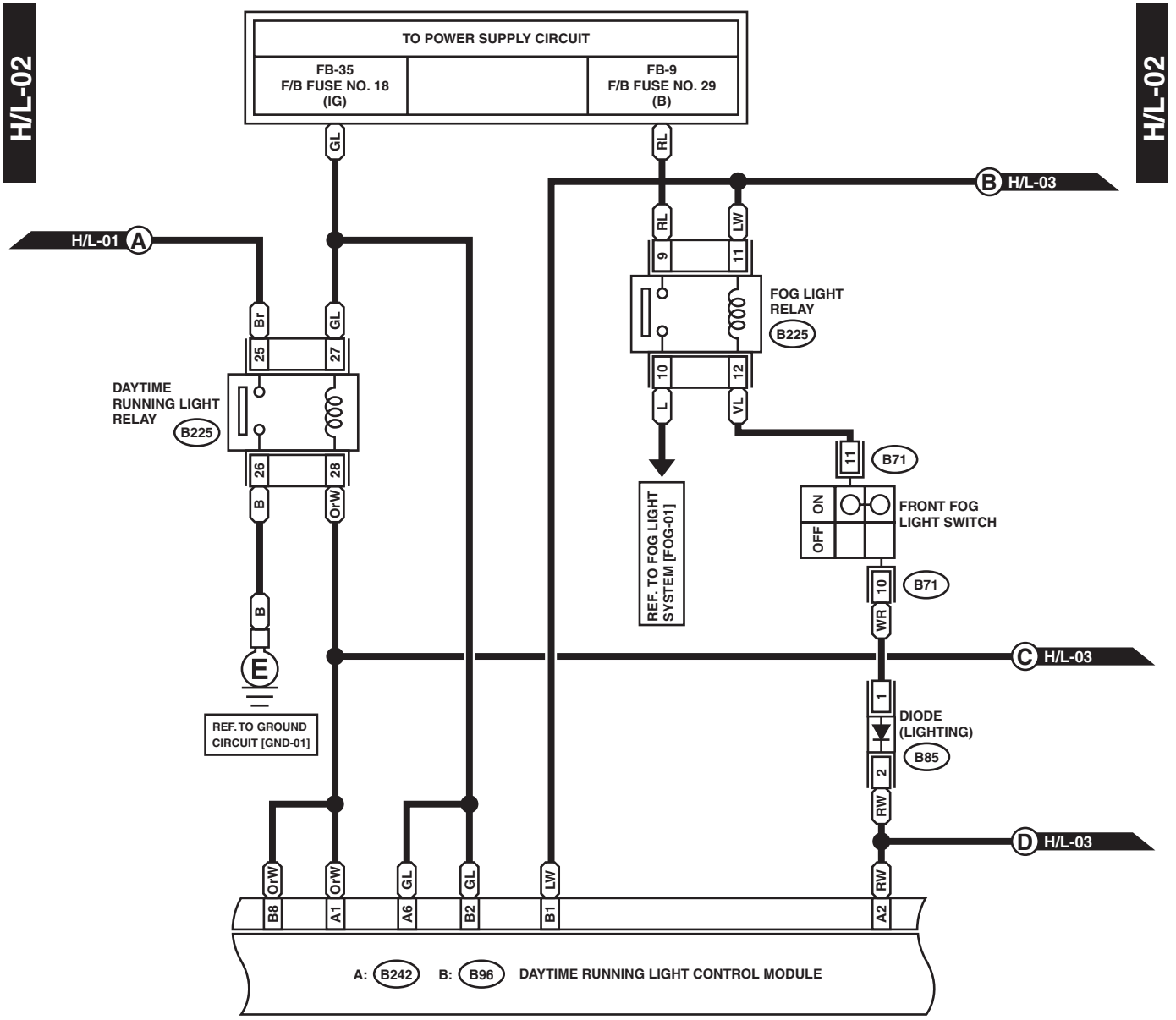
A: WIRING DIAGRAM



WI-09785

Headlight System

WIRING SYSTEM



(B85) (BLACK)

B: (B96) (BLACK)

A: (B242)

(B71)

(B225) (BLACK)

1 2

1 2 3 4 5 6 7 8

1 2 3 4 5
6 7 8 9 10

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

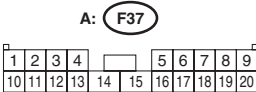
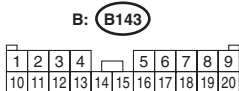
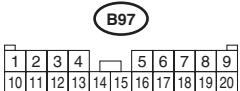
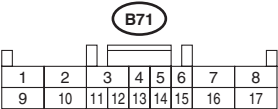
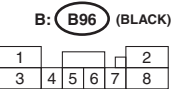
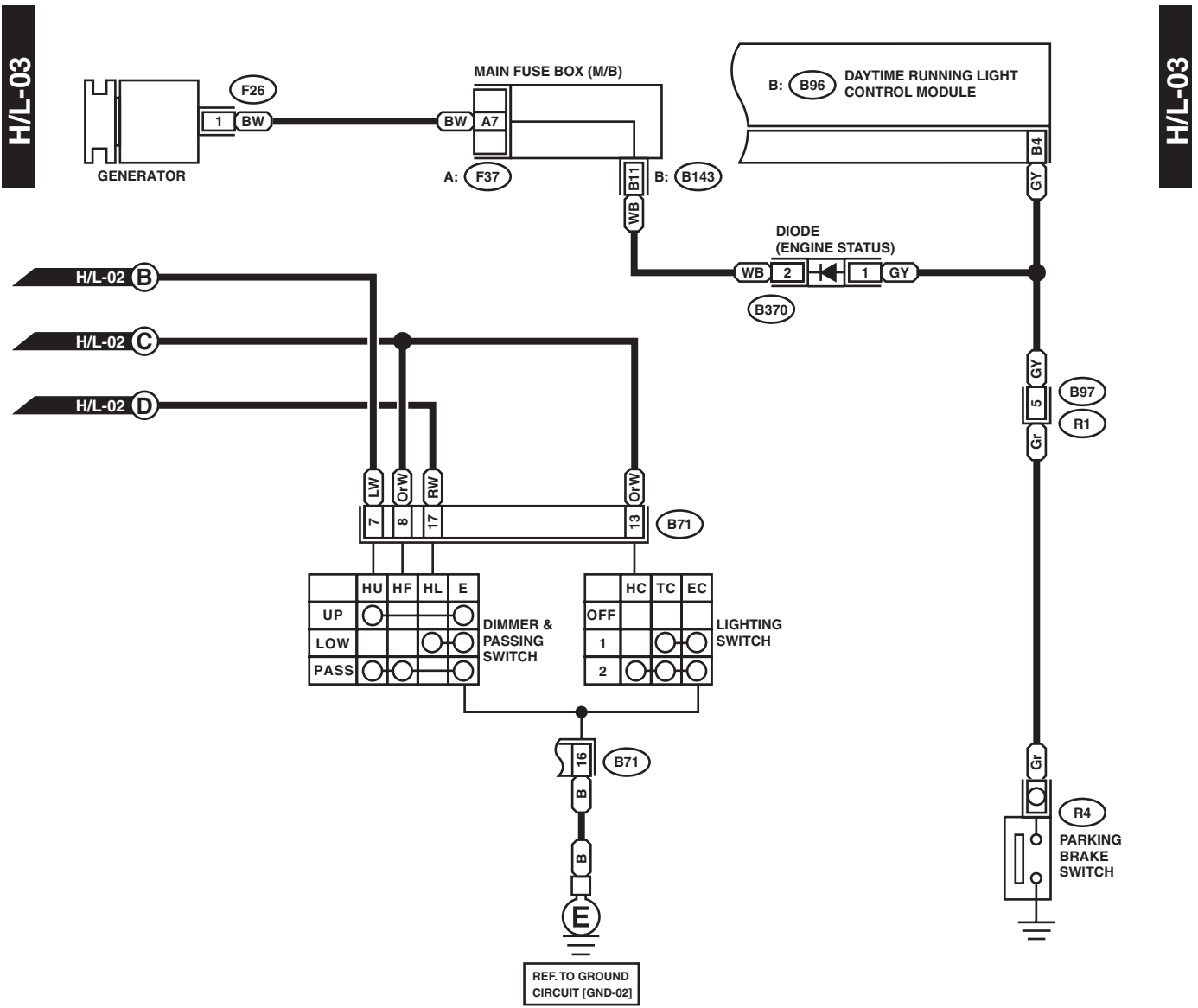
1	2	9	13	17	21
3	4	10	14	18	22
5	6	11	15	19	23
7	8	12	16	20	24
25	29	33	37		
26	30	34	38		
27	28	31	32	35	36
39	40				

RELAY BLOCK

WI-09786

Headlight System

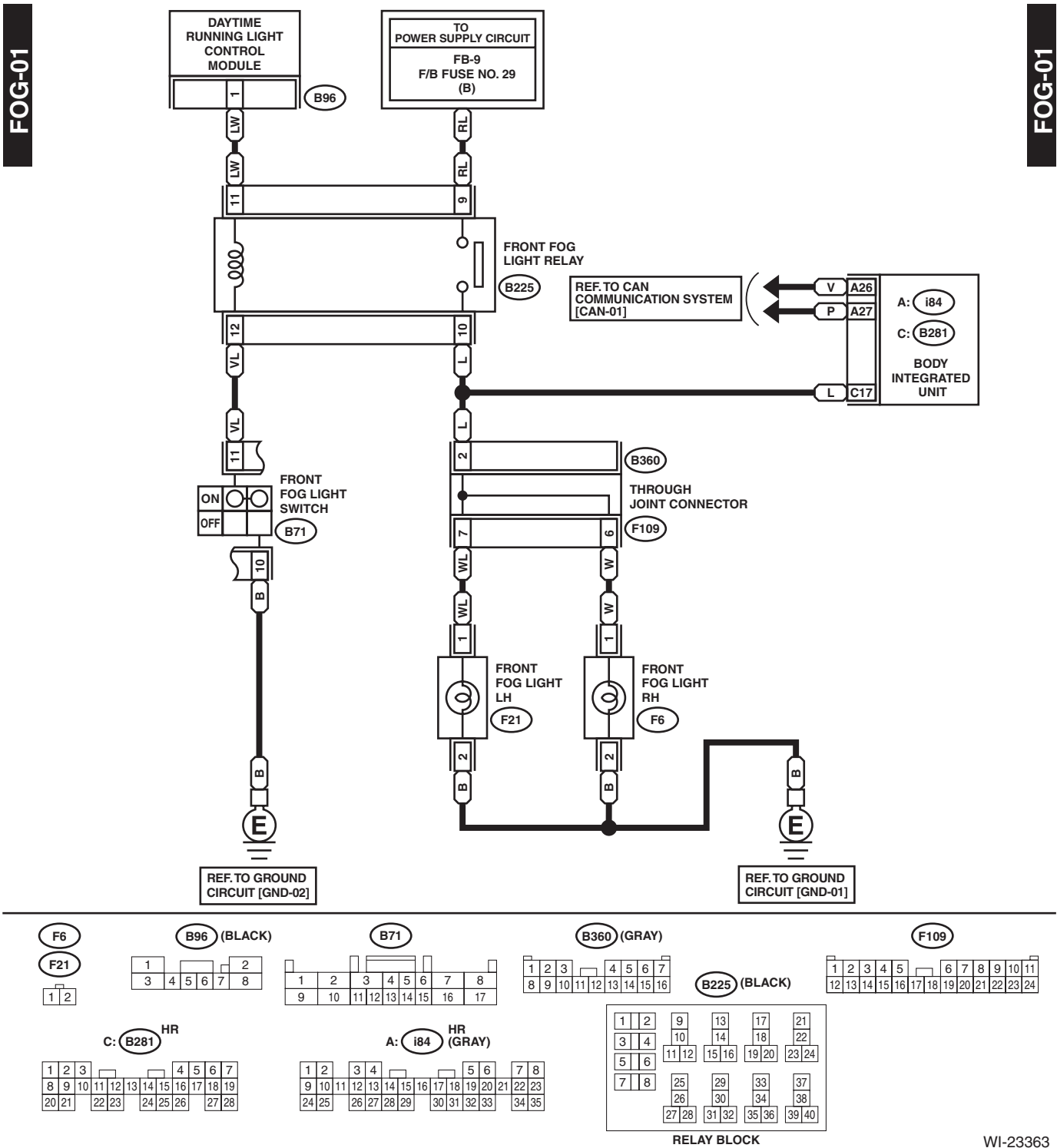
WIRING SYSTEM



WI-09787

21.Front Fog Light System

A: WIRING DIAGRAM



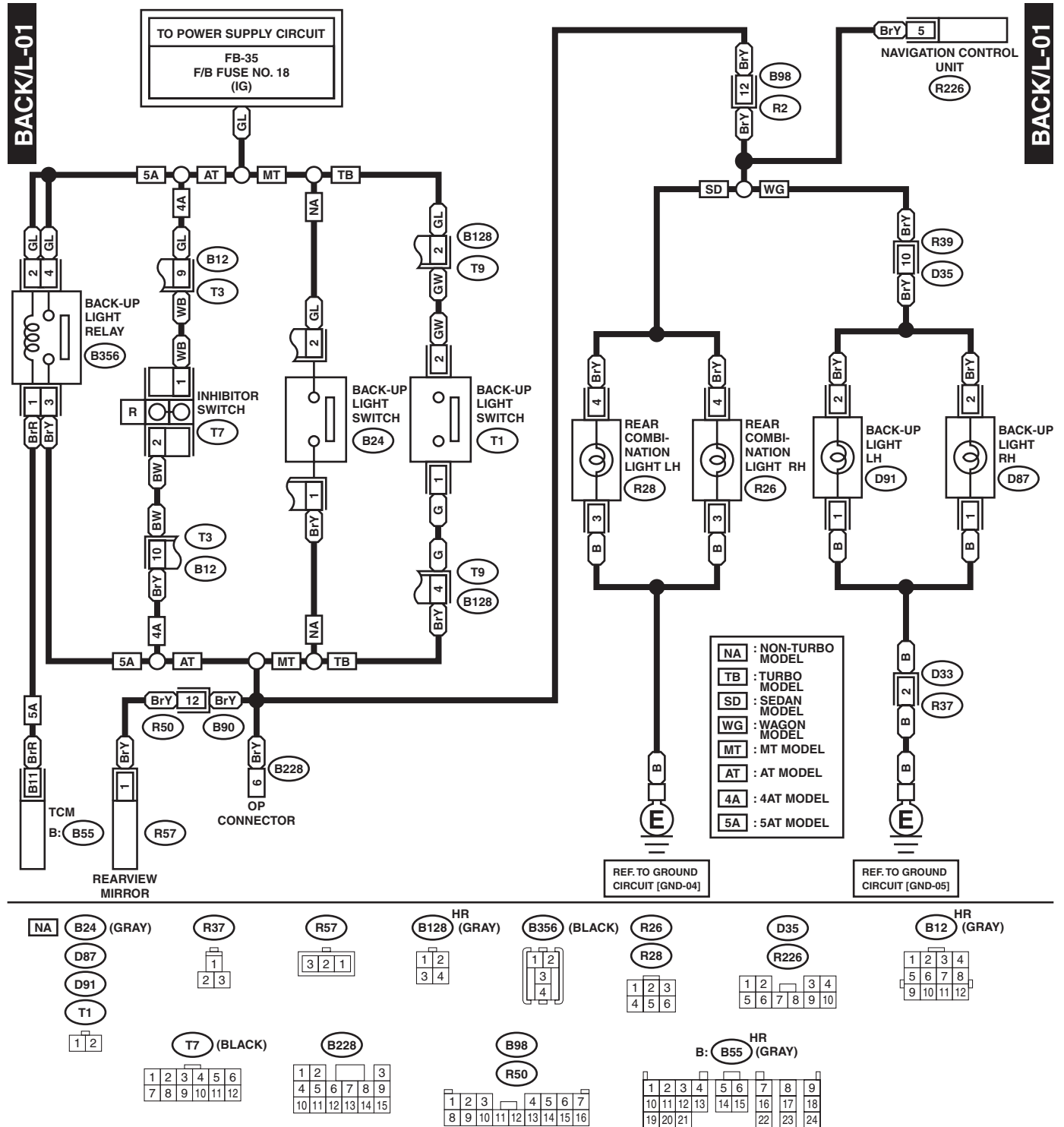
WI-23363

Back-up Light System

WIRING SYSTEM

22.Back-up Light System

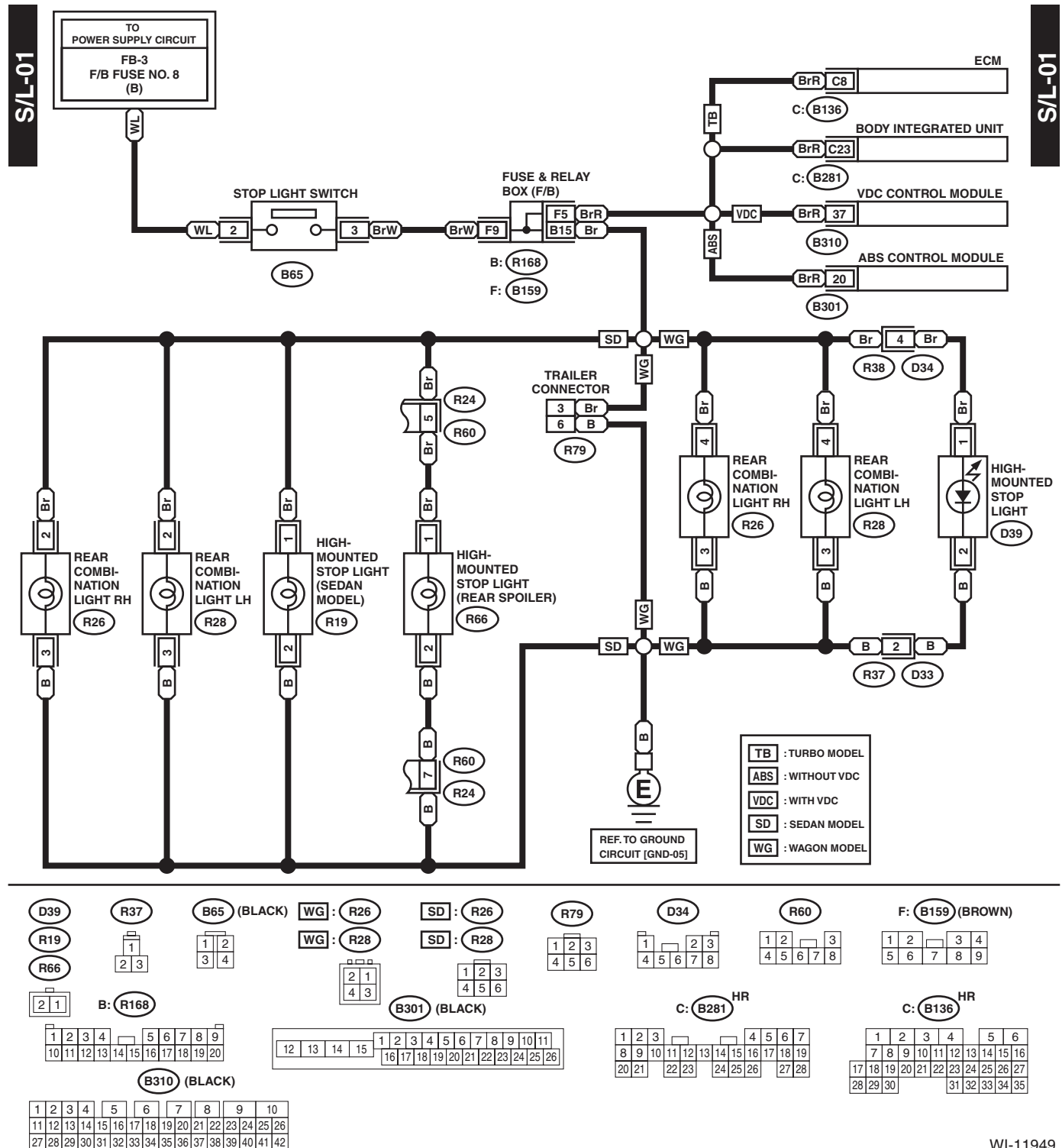
A: WIRING DIAGRAM



WI-11948

23. Stop Light System

A: WIRING DIAGRAM

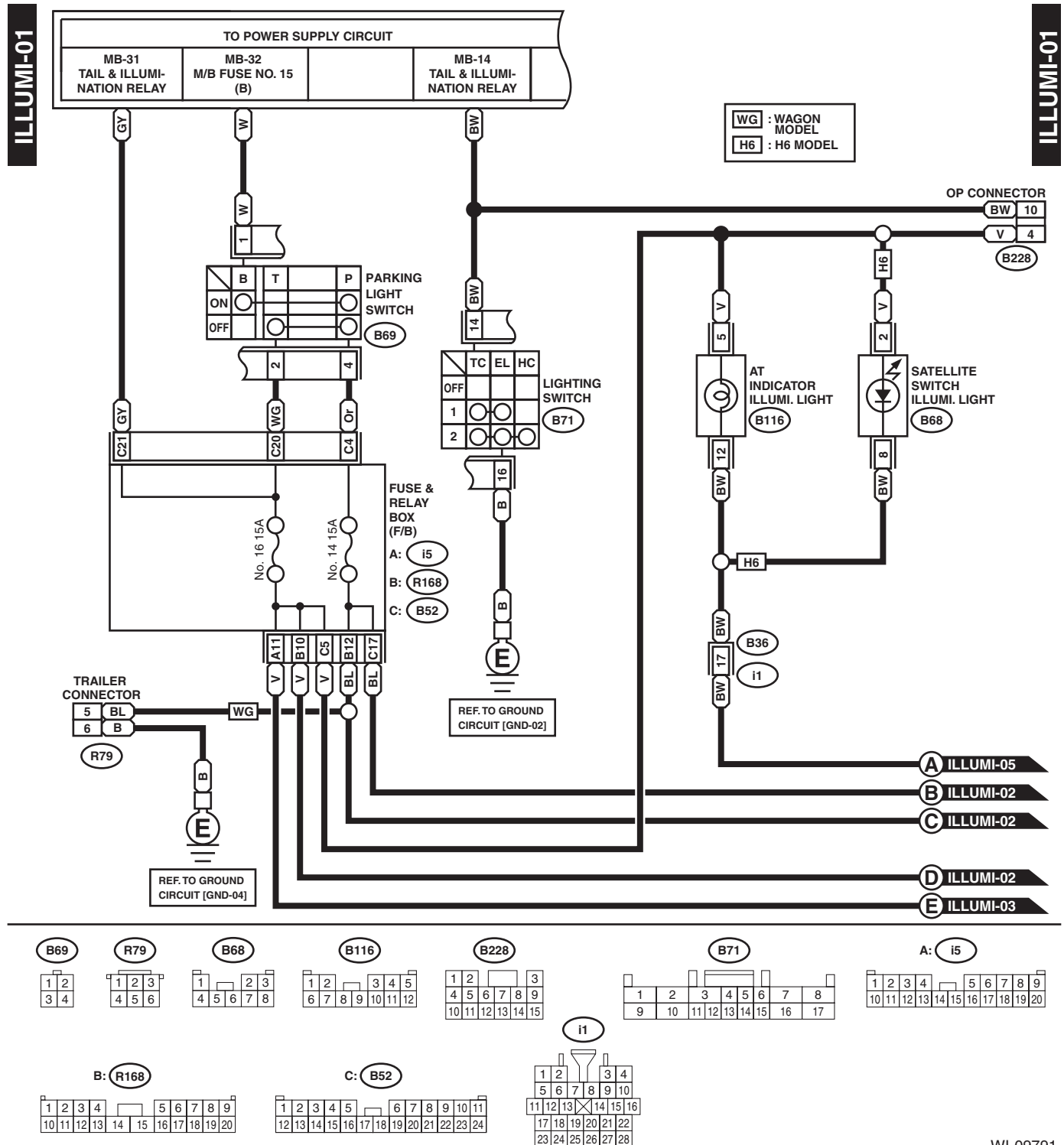


Clearance Light and Illumination Light System

WIRING SYSTEM

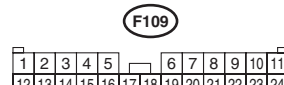
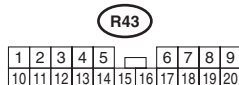
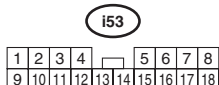
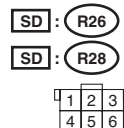
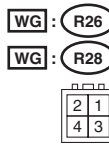
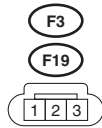
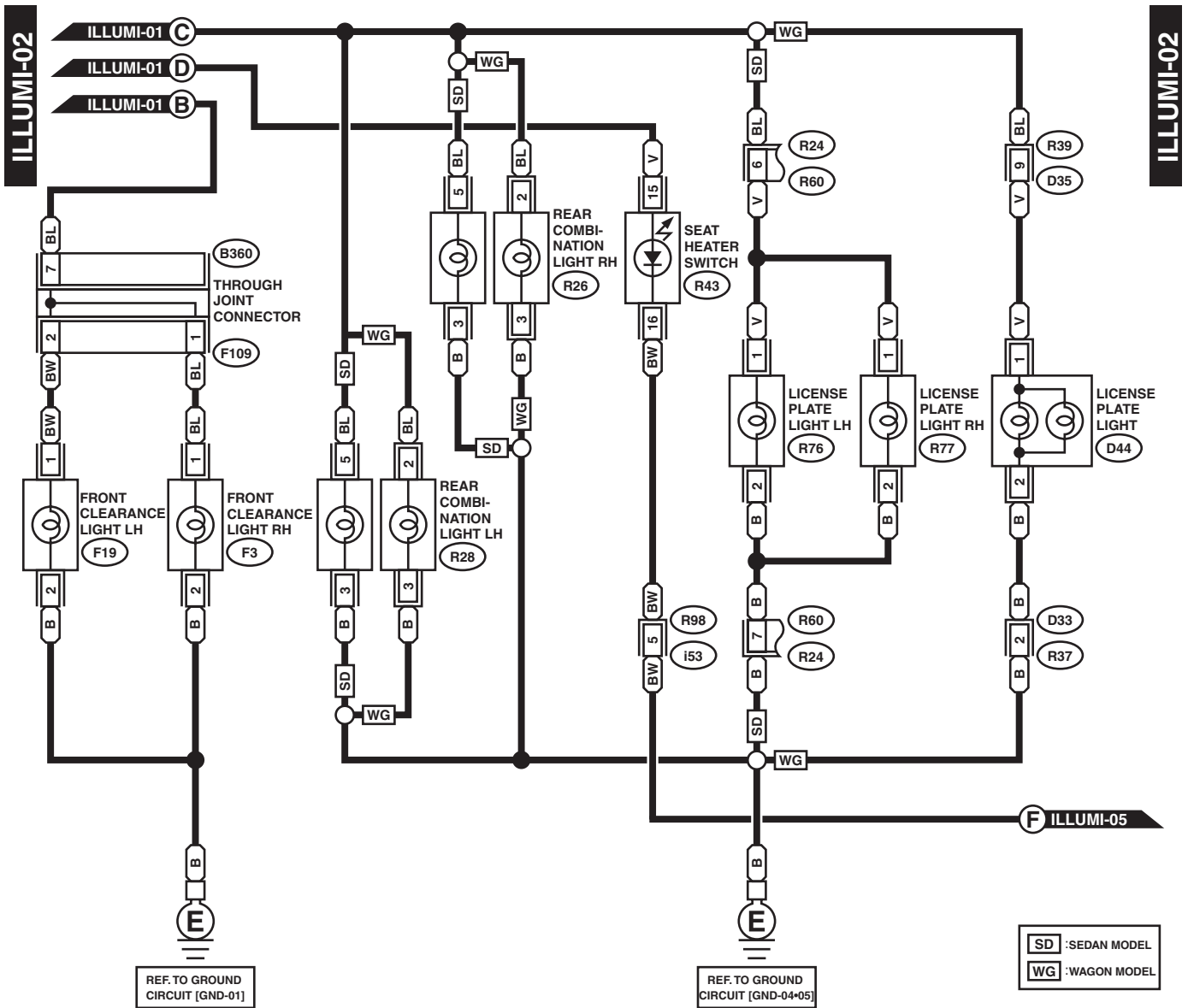
24. Clearance Light and Illumination Light System

A: WIRING DIAGRAM



Clearance Light and Illumination Light System

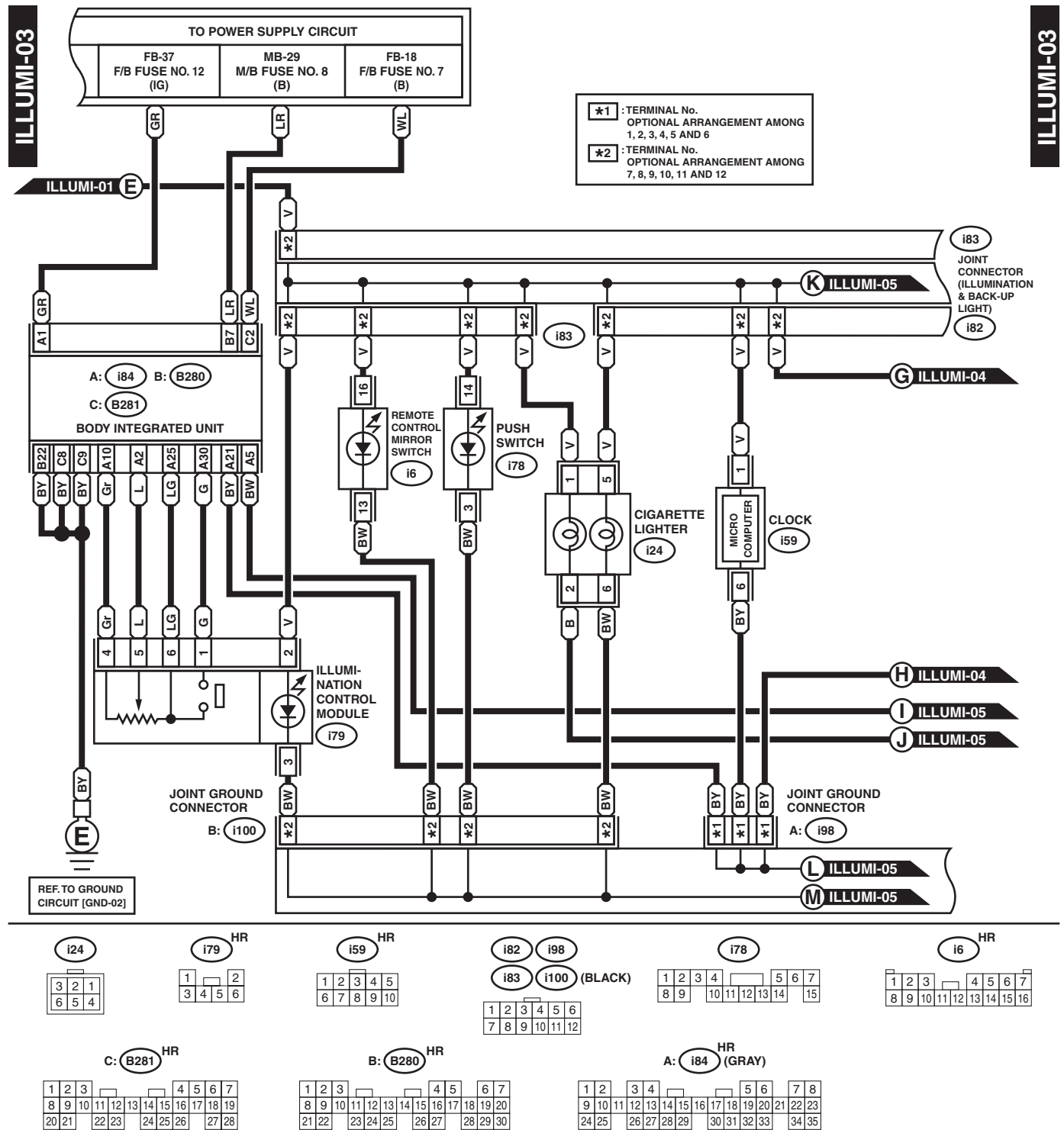
WIRING SYSTEM



WI-09792

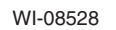
Clearance Light and Illumination Light System

WIRING SYSTEM



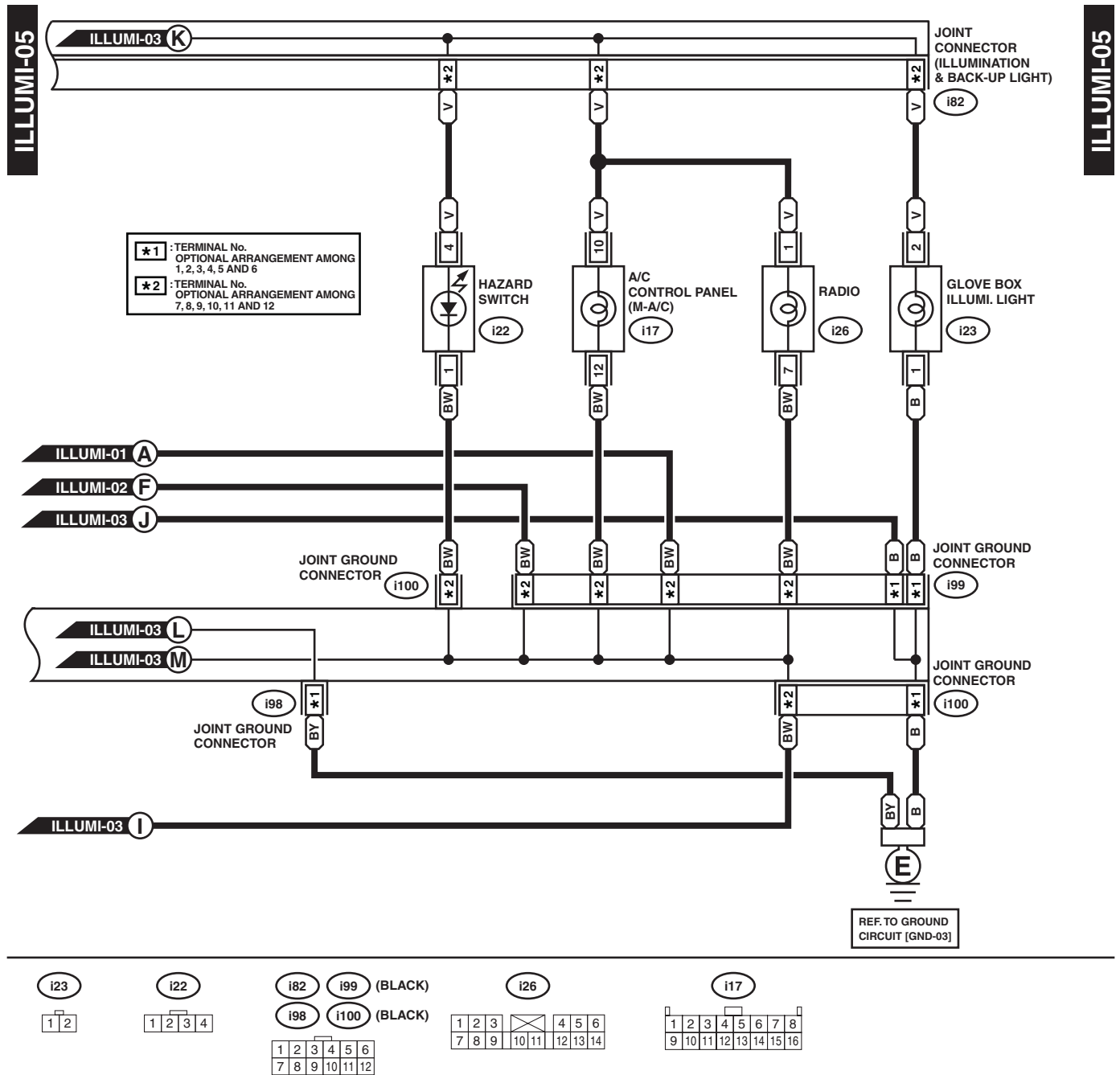
WI-11950

WIRING SYSTEM



Clearance Light and Illumination Light System

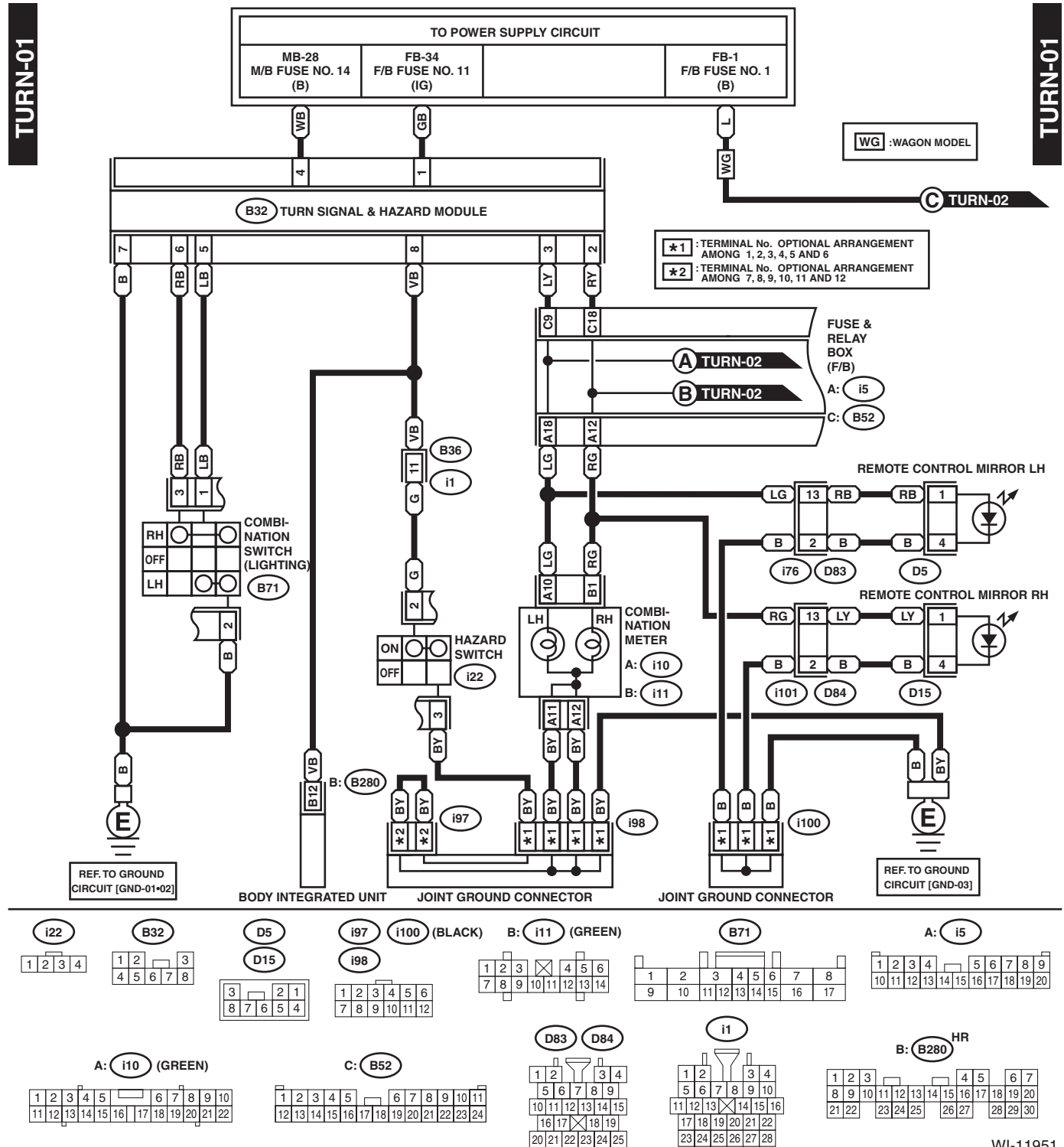
WIRING SYSTEM



WI-09794

25. Turn Signal Light and Hazard Light System

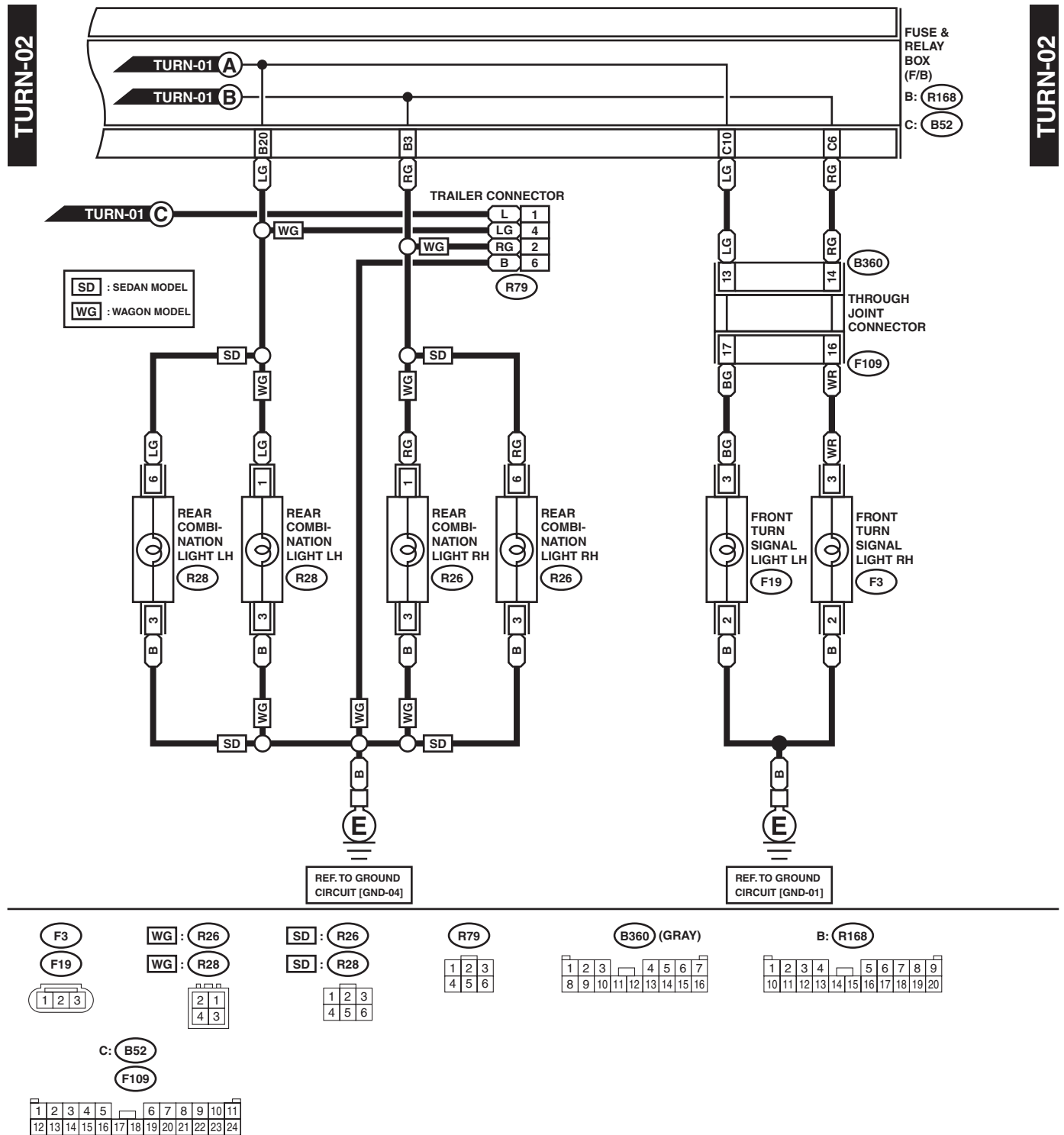
A: WIRING DIAGRAM



WI-11951

Turn Signal Light and Hazard Light System

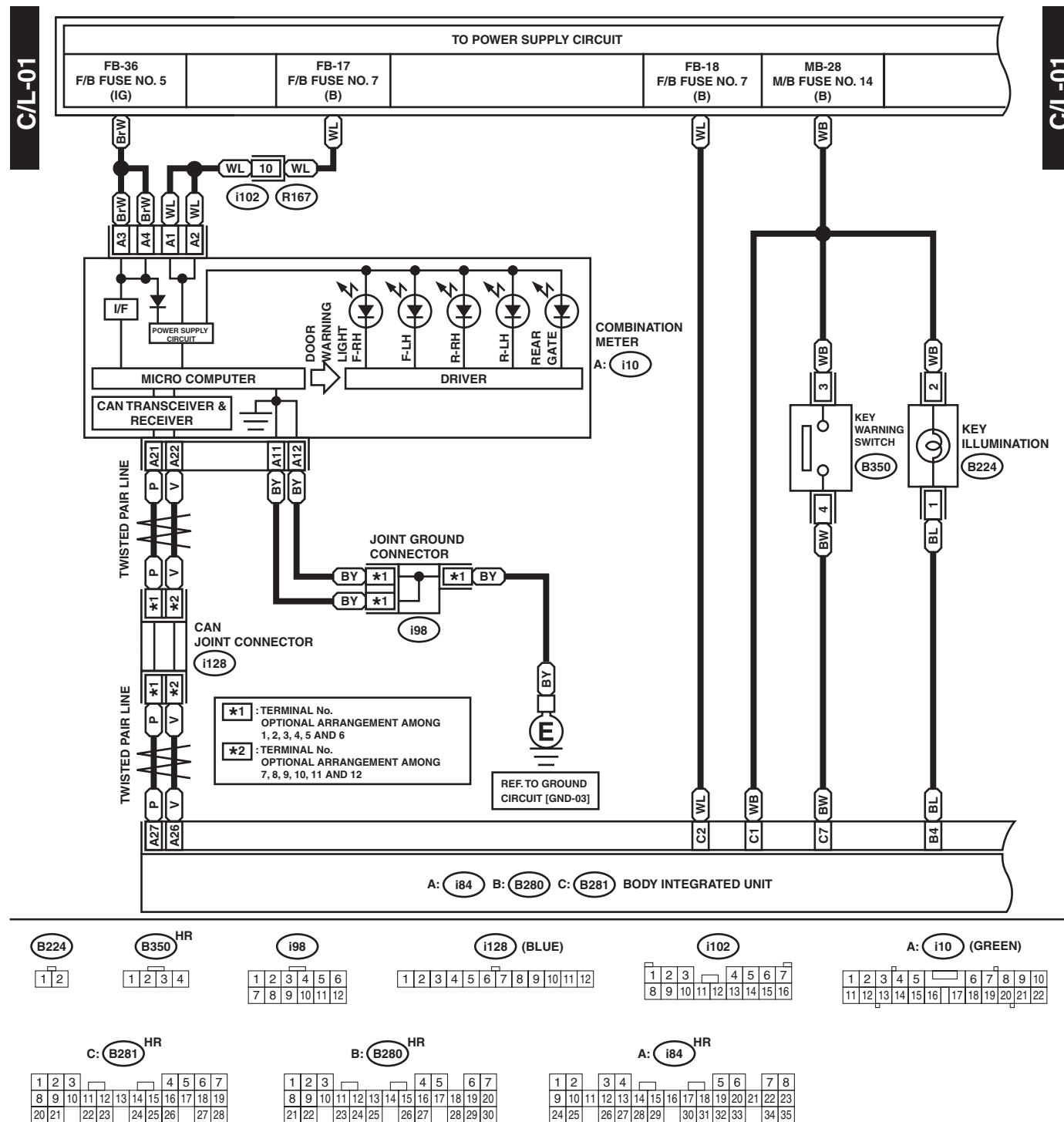
WIRING SYSTEM



WI-09796

26. Interior Light System

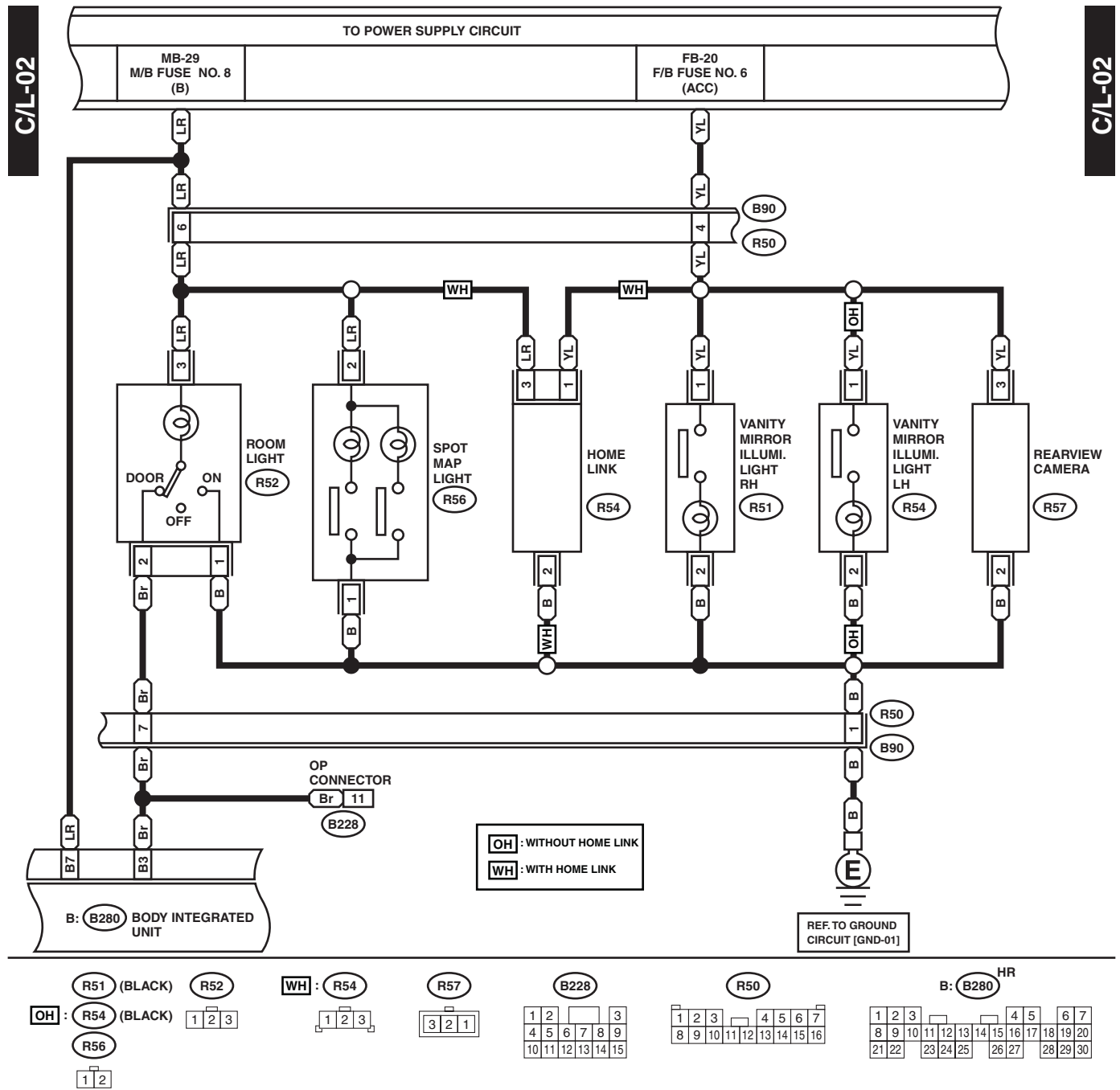
A: WIRING DIAGRAM



WI-11952

Interior Light System

WIRING SYSTEM



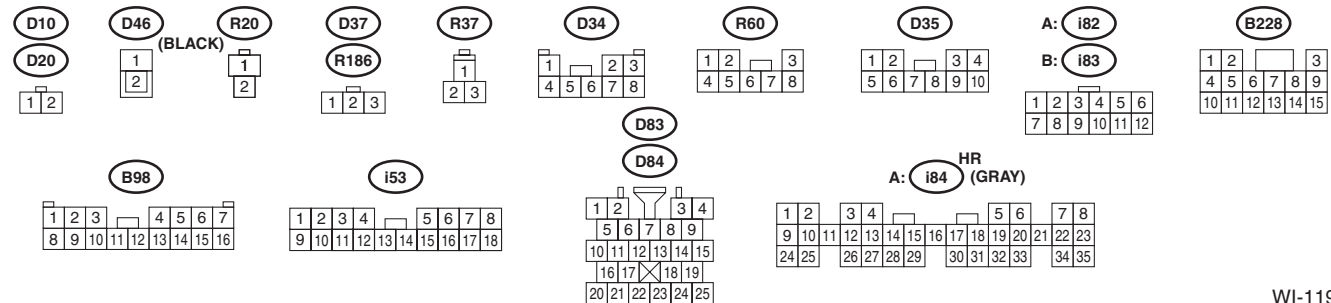
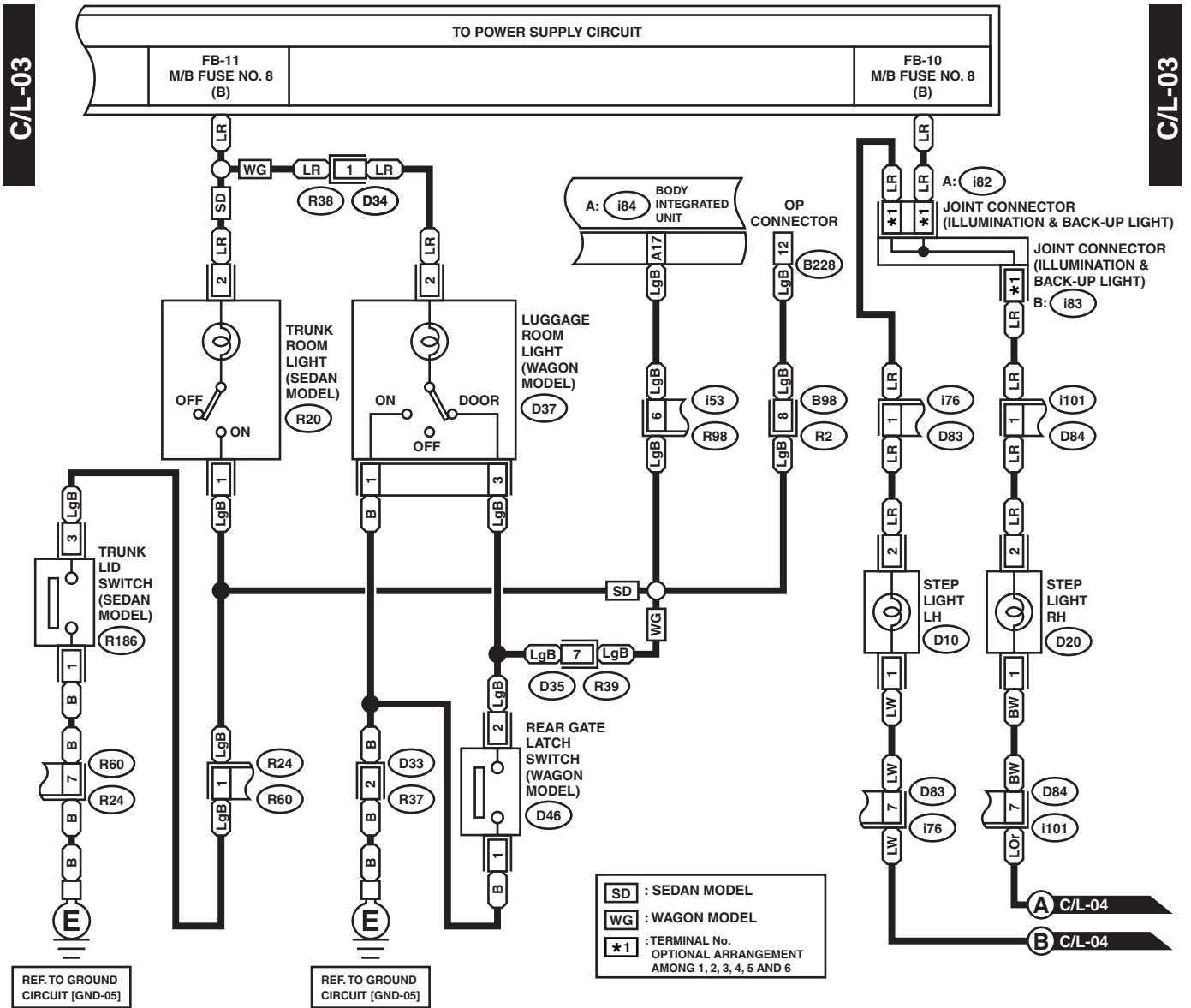
WI-11953

Interior Light System

WIRING SYSTEM

C/L-03

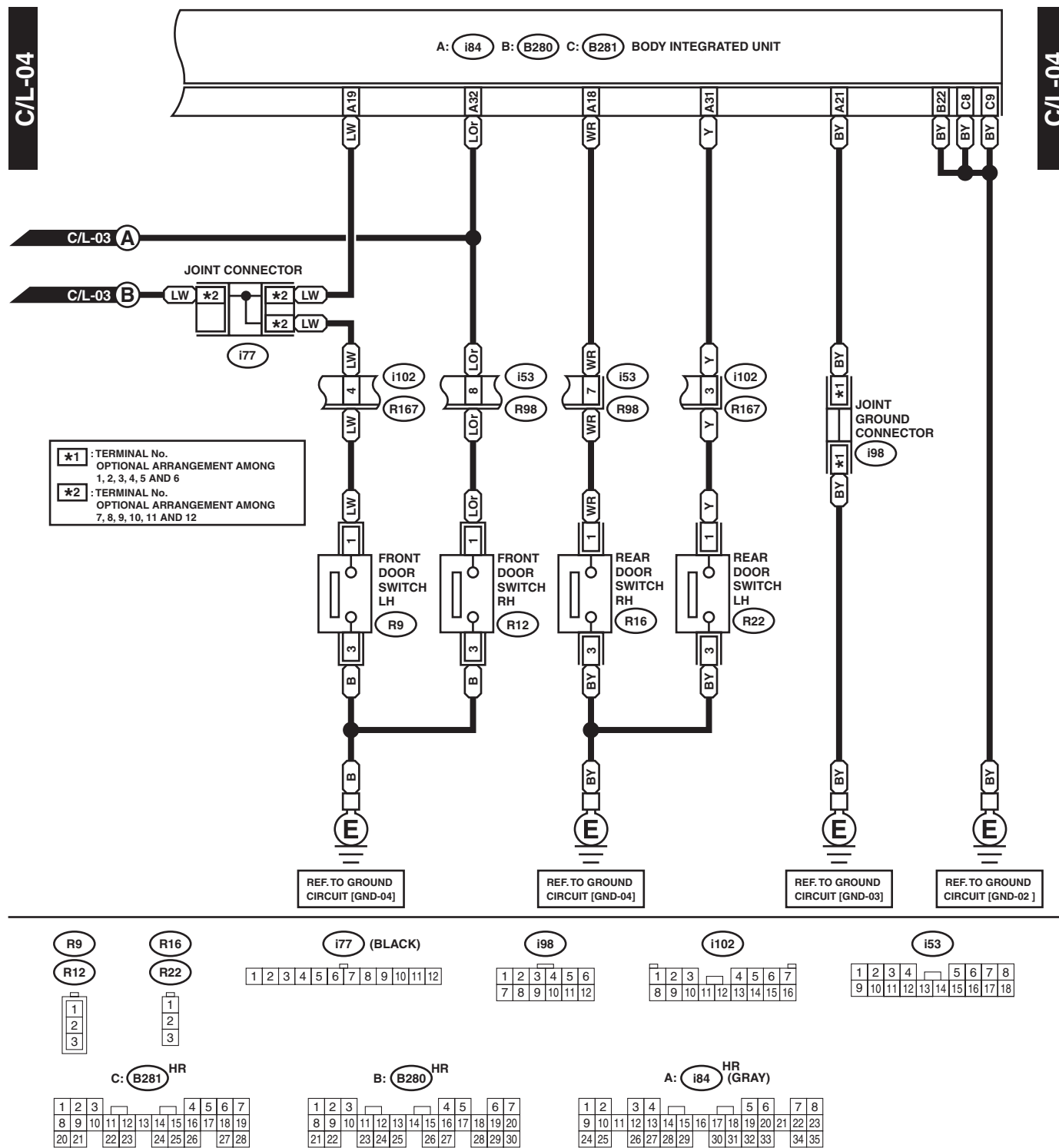
C/L-03



WI-11954

Interior Light System

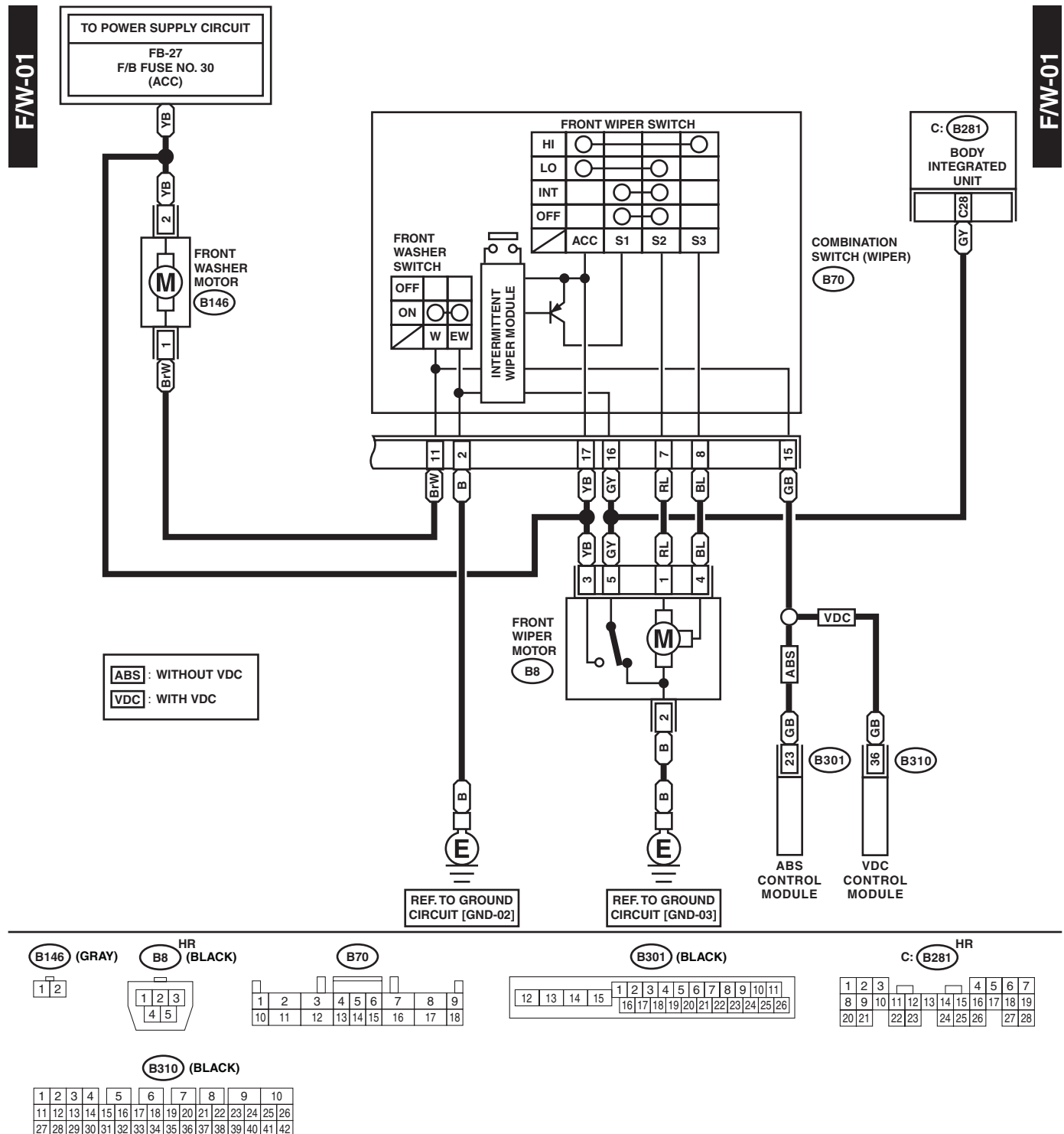
WIRING SYSTEM



WI-11955

27. Front Wiper and Washer System

A: WIRING DIAGRAM



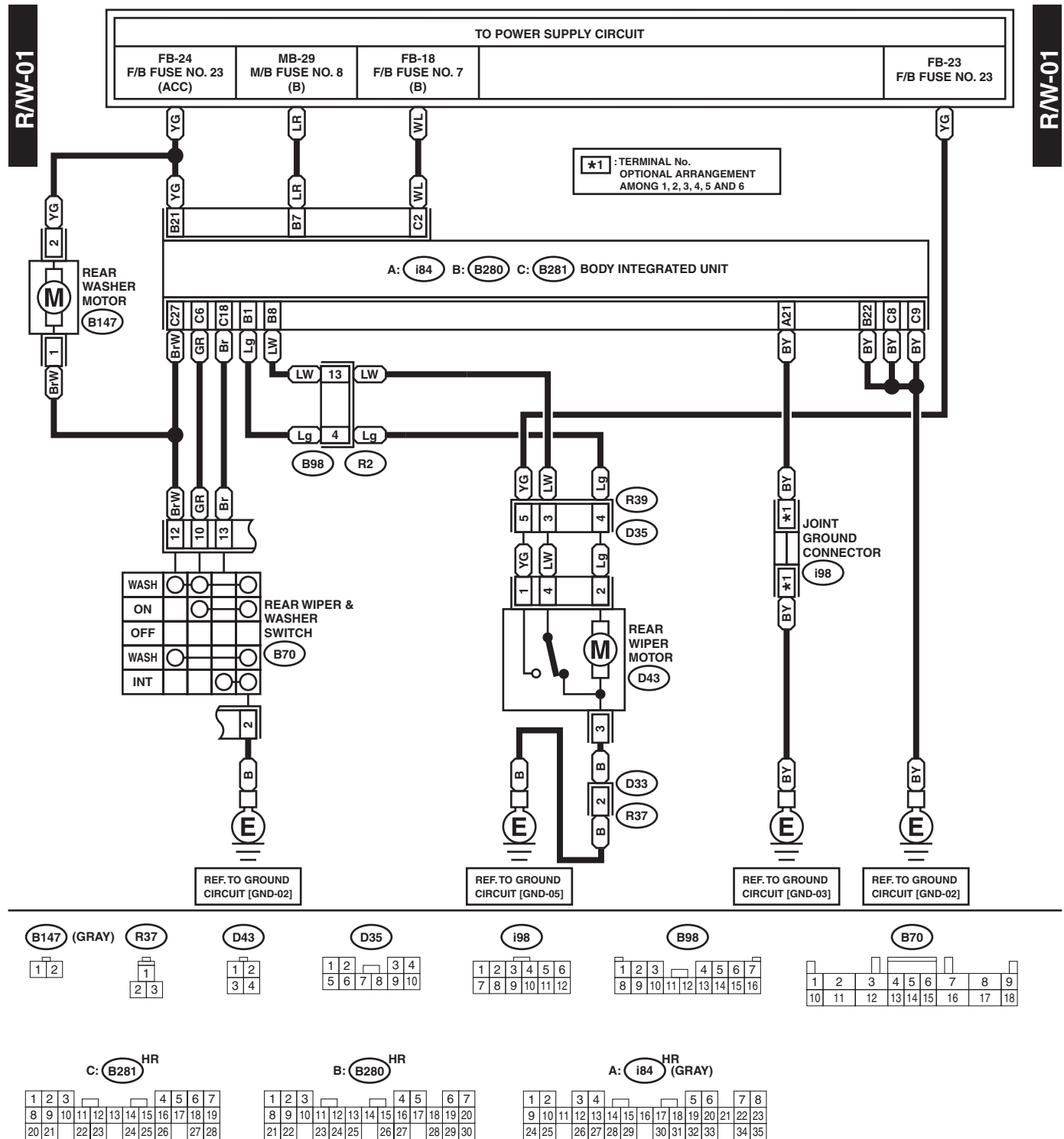
WI-11956

Rear Wiper and Washer System

WIRING SYSTEM

28.Rear Wiper and Washer System

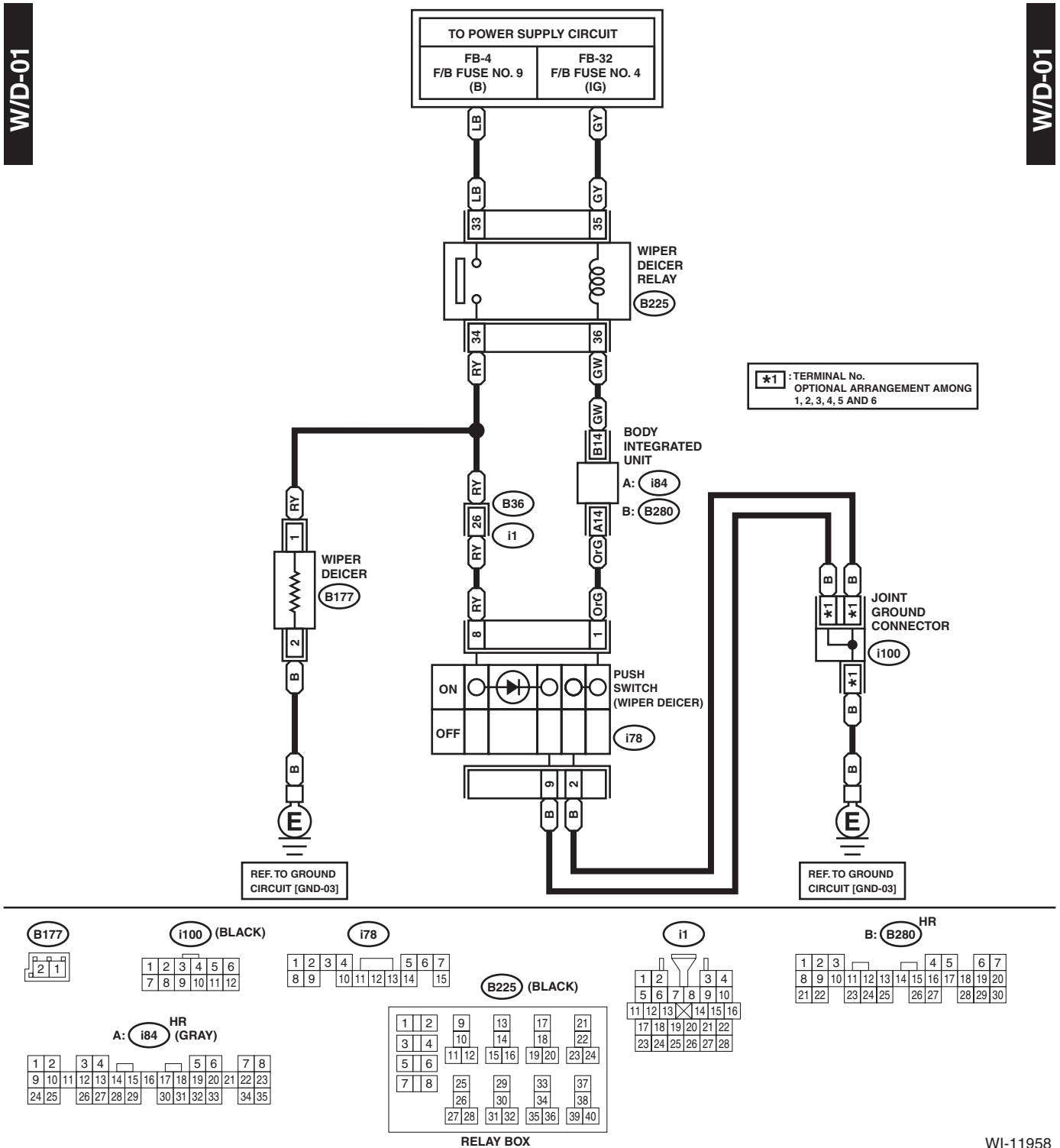
A: WIRING DIAGRAM



WI-11957

29. Wiper Deicer System

A: WIRING DIAGRAM

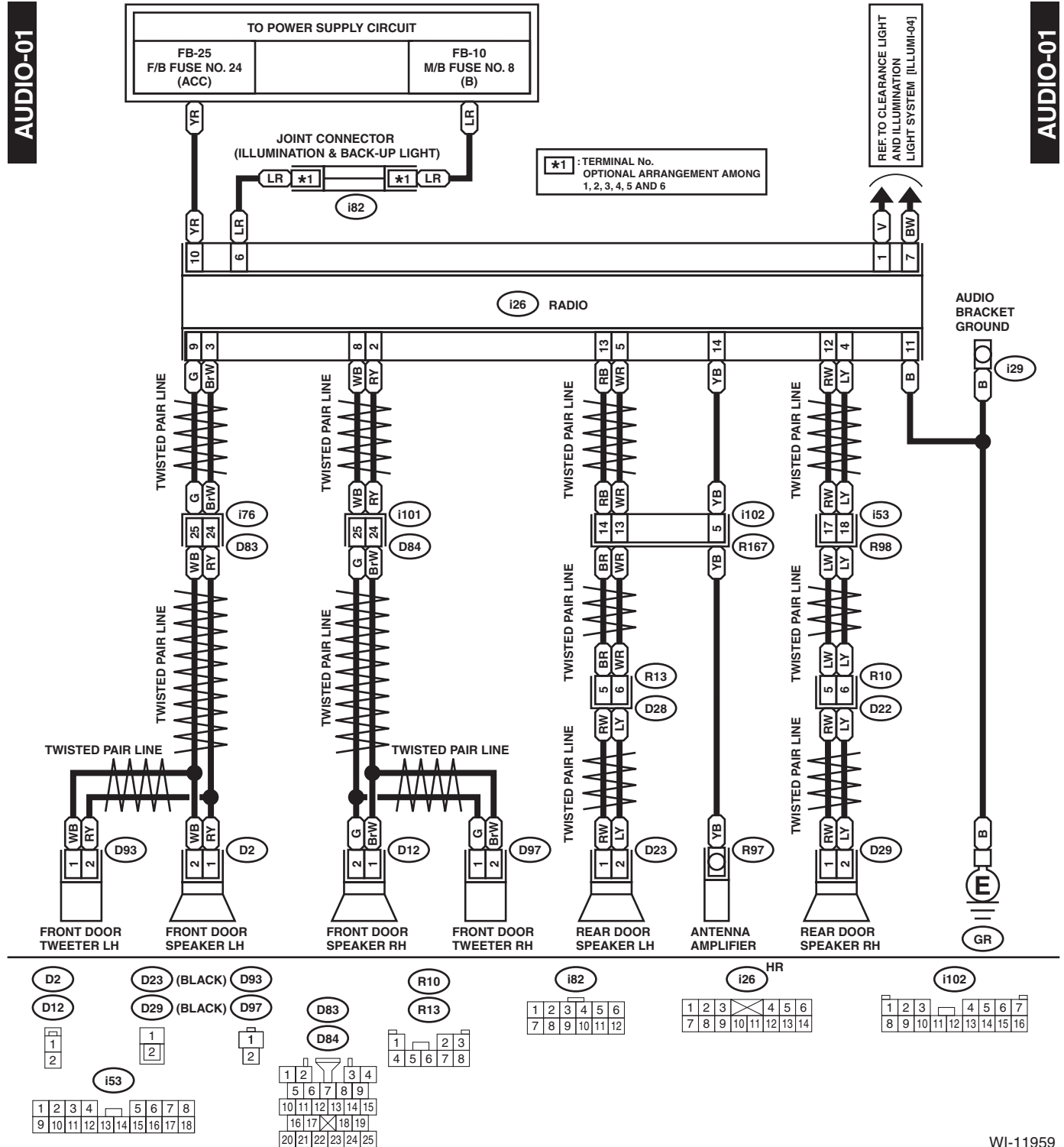


Audio System

WIRING SYSTEM

30.Audio System

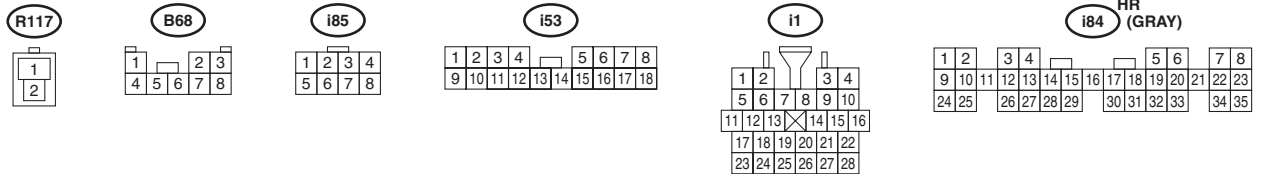
A: WIRING DIAGRAM



WI-11959

WIRING SYSTEM

AUDIO-02

**WI-137**

Front Accessory Power Supply Socket System

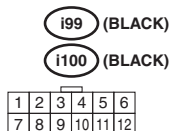
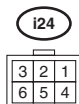
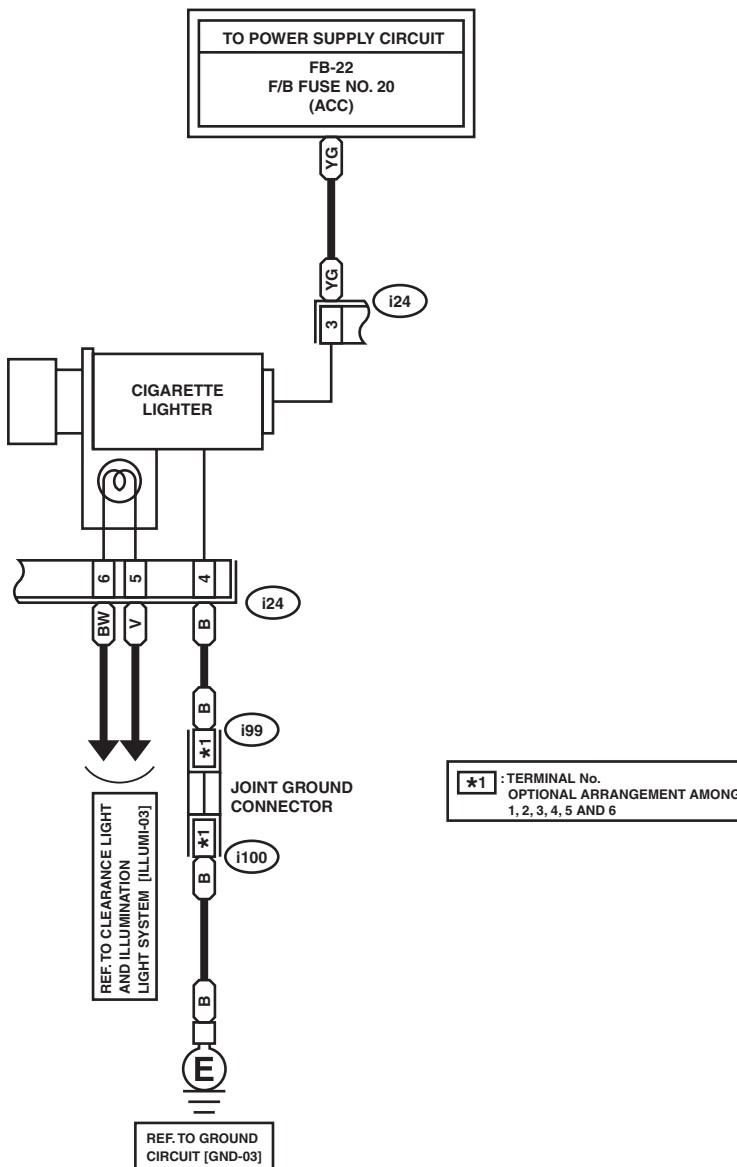
WIRING SYSTEM

31.Front Accessory Power Supply Socket System

A: WIRING DIAGRAM

FAPS-01

FAPS-01



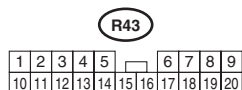
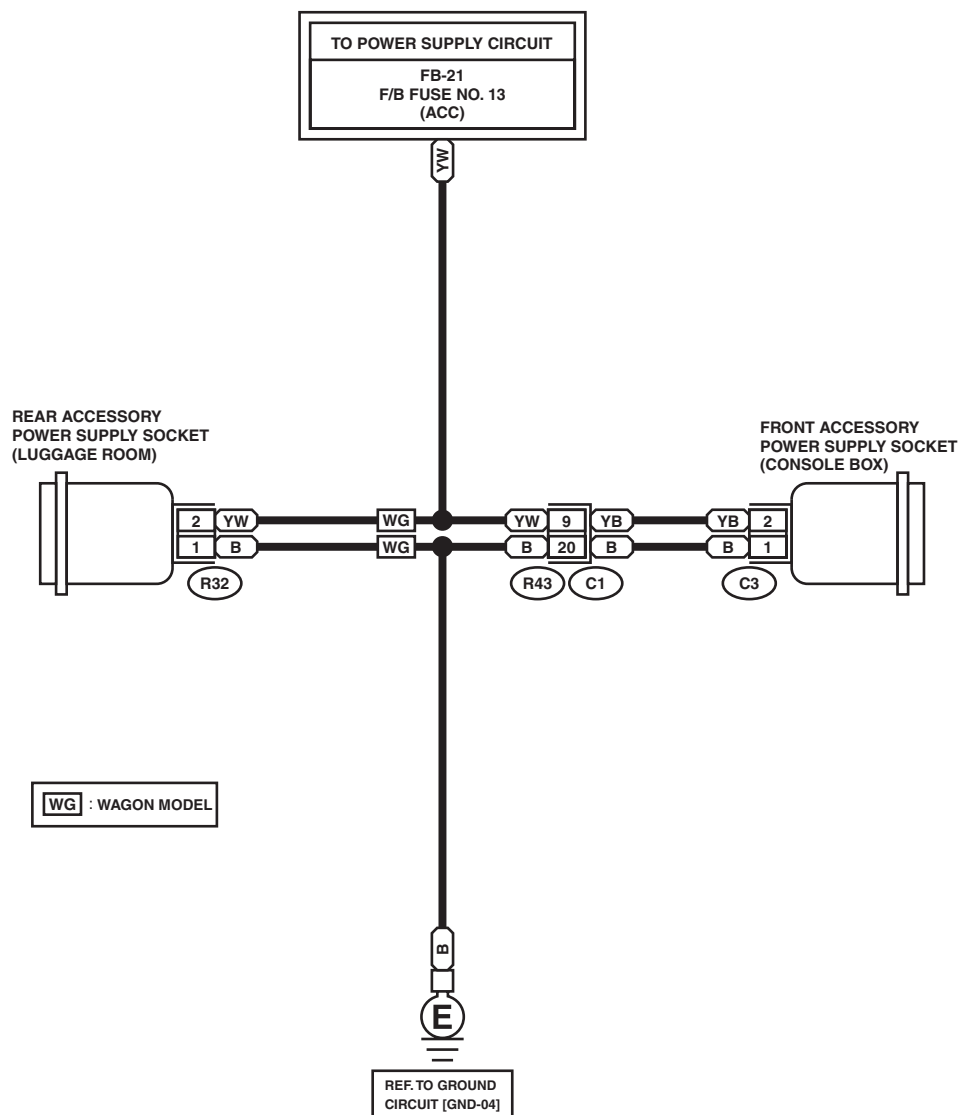
WI-09806

32.Rear Accessory Power Supply Socket System

A: WIRING DIAGRAM

RAPS-01

RAPS-01

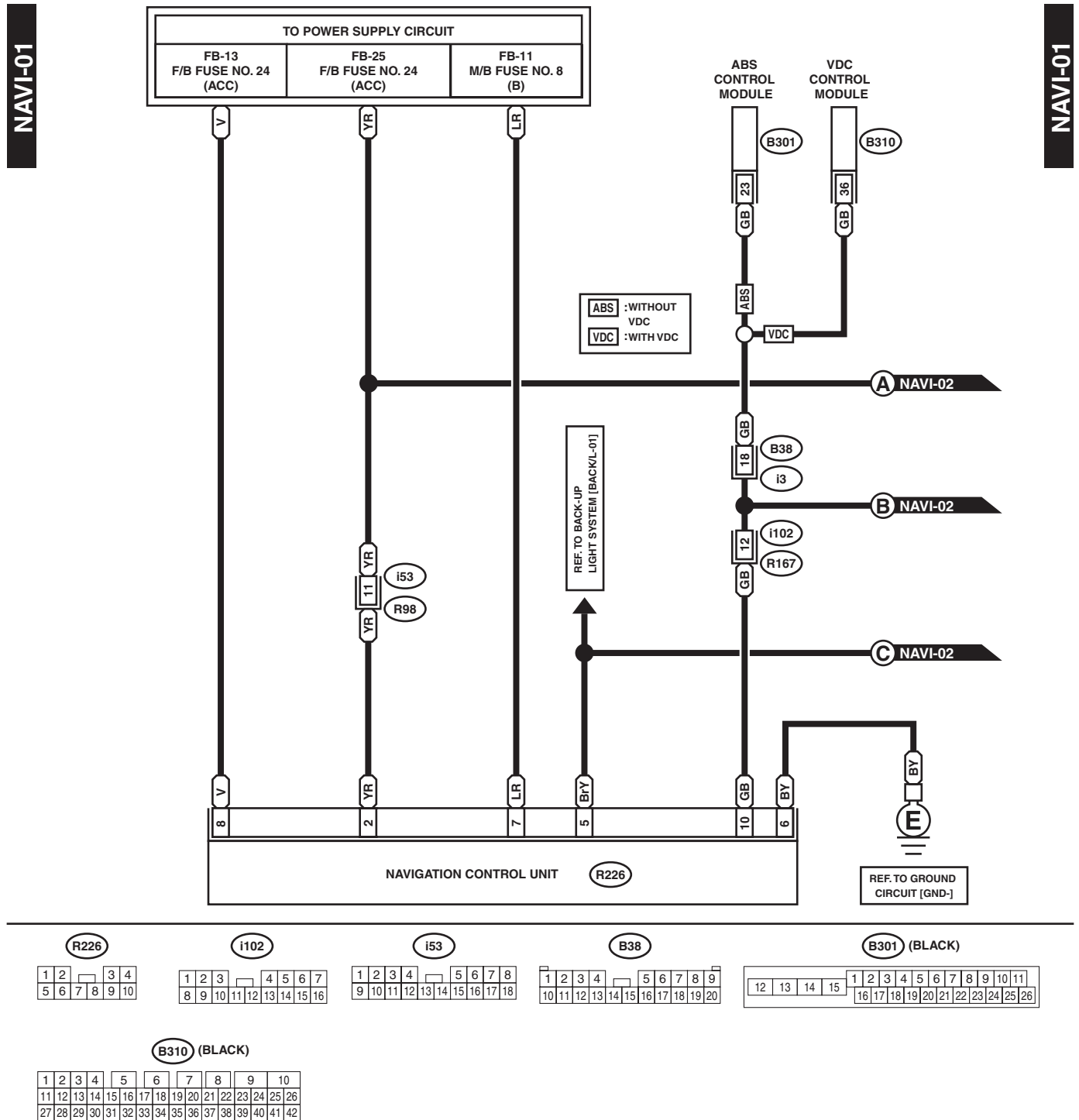


Navigation System

WIRING SYSTEM

33.Navigation System

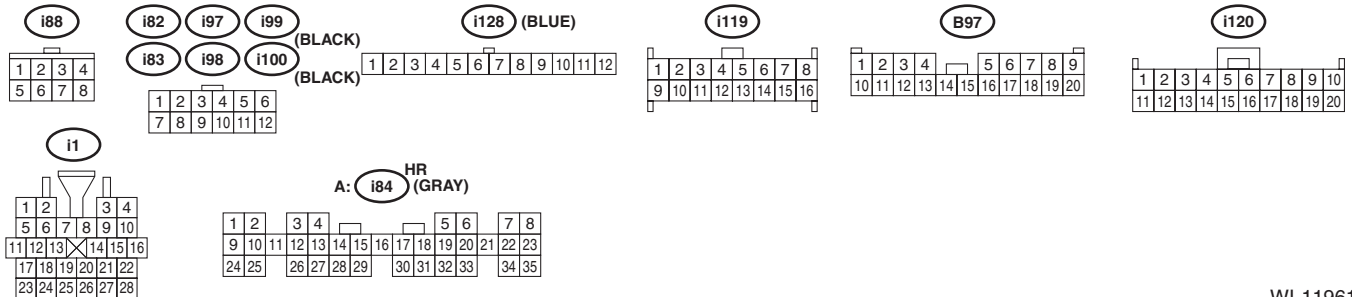
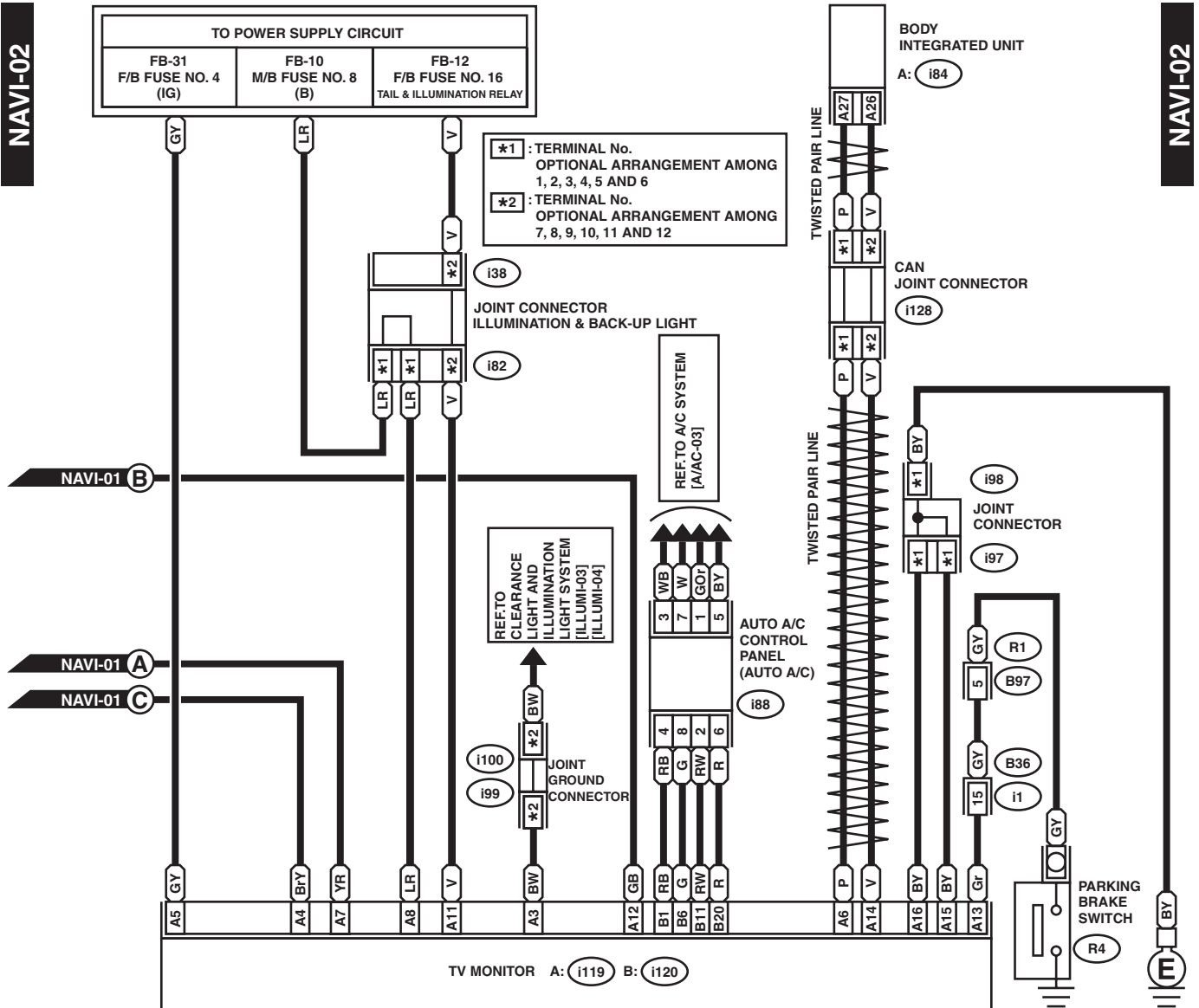
A: WIRING DIAGRAM



WI-09808

Navigation System

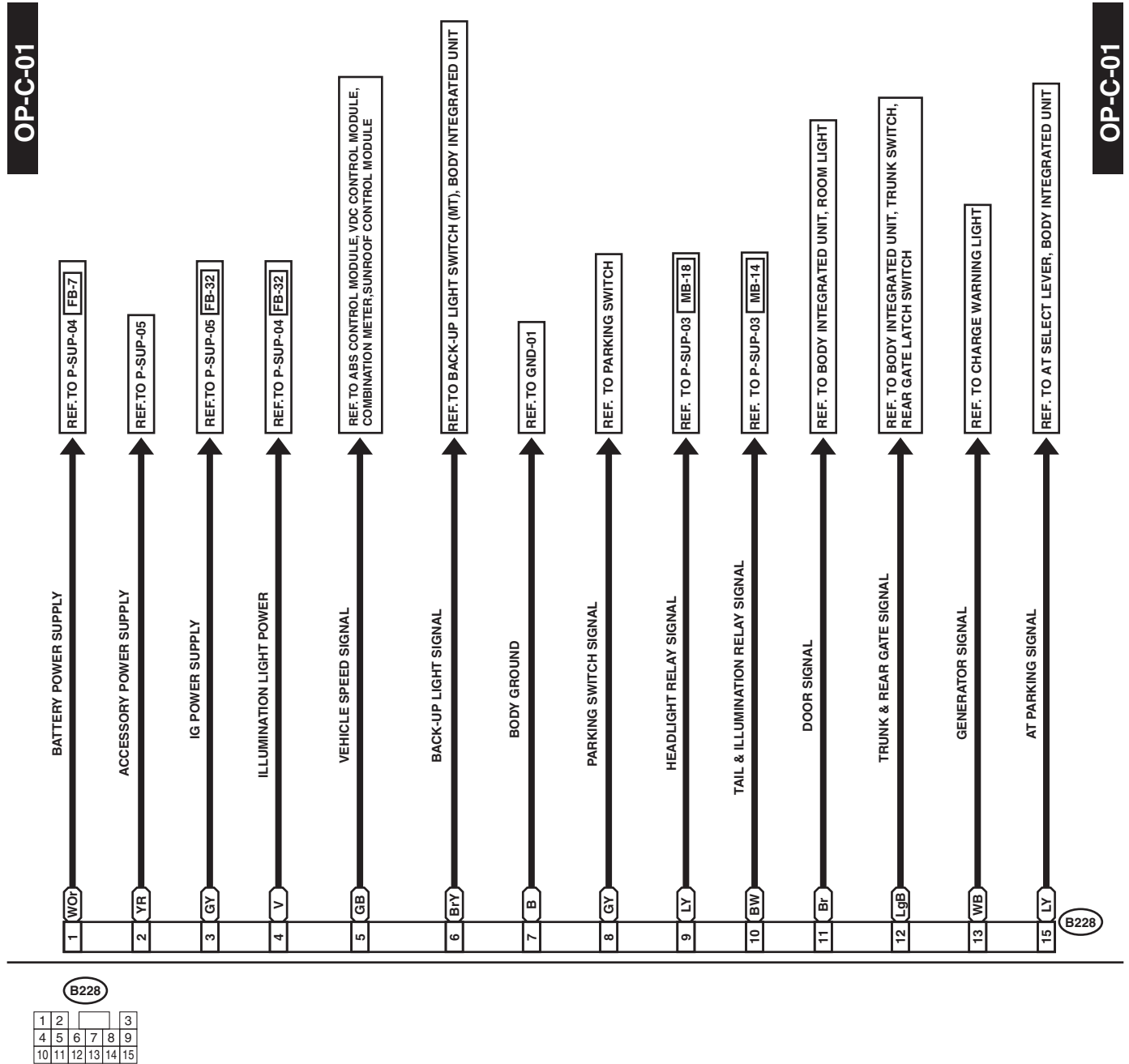
WIRING SYSTEM



WI-11961

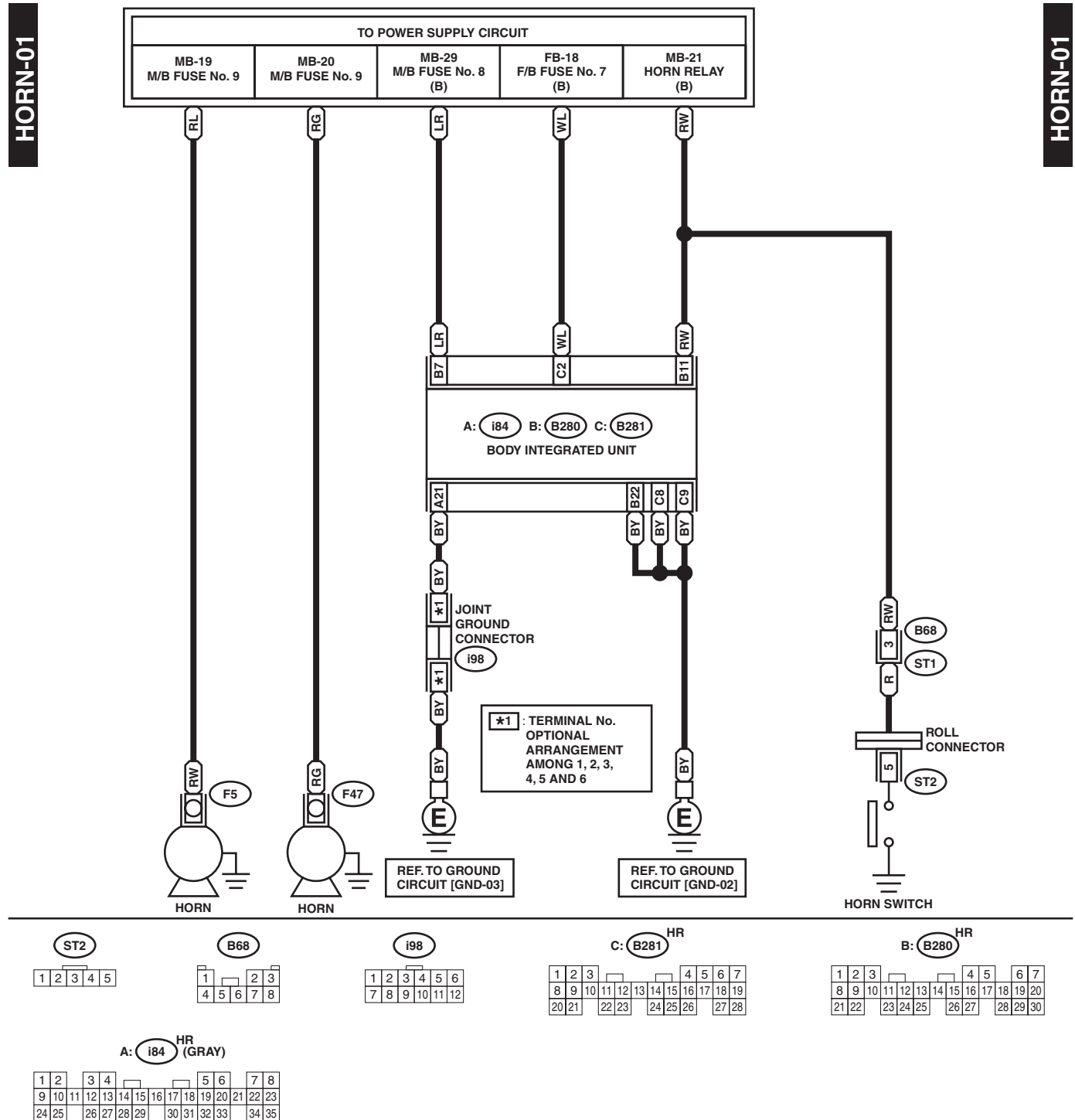
34.OP Connector System

A: WIRING DIAGRAM



35.Horn System

A: WIRING DIAGRAM



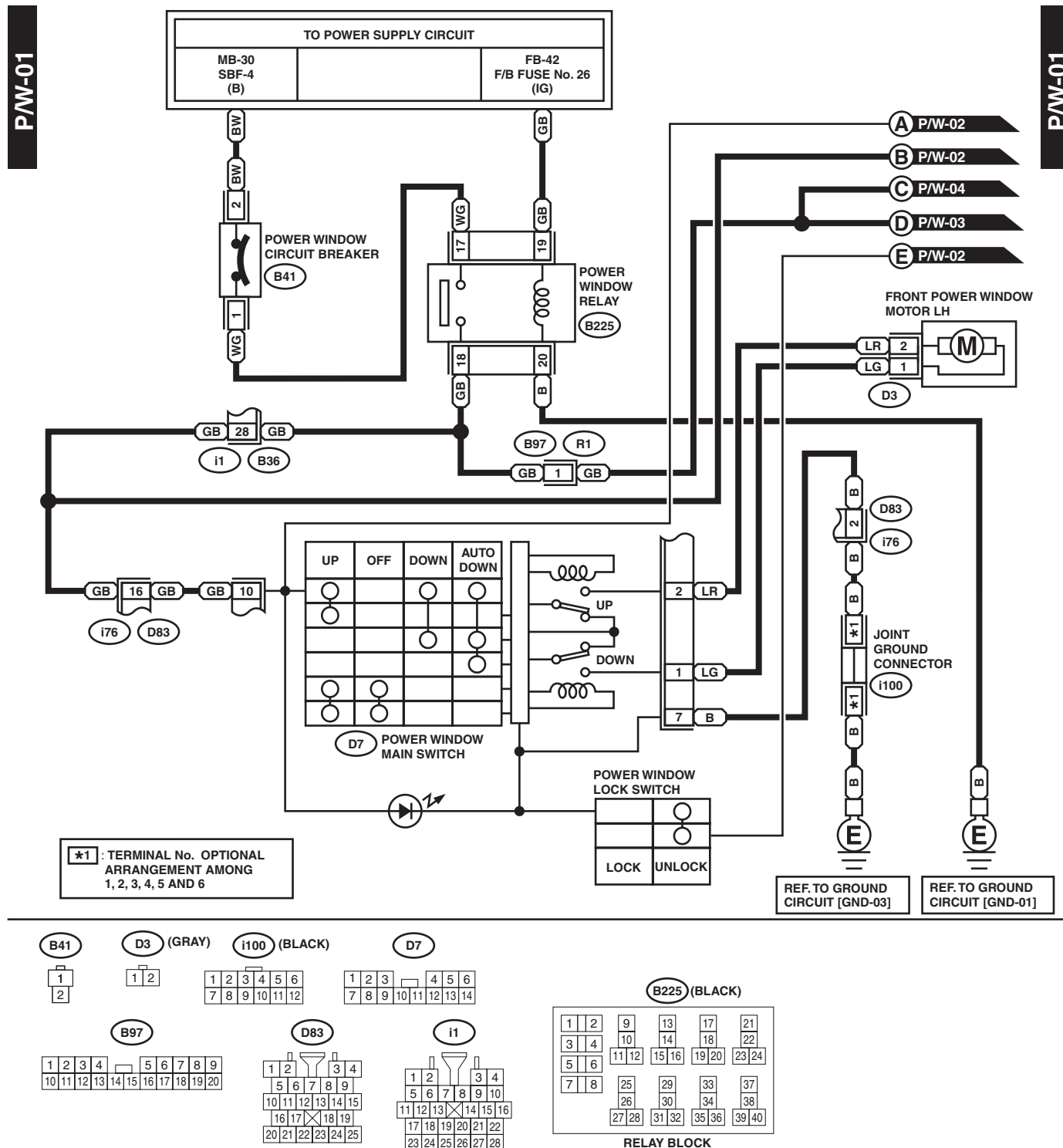
WI-11962

Power Window System

WIRING SYSTEM

36. Power Window System

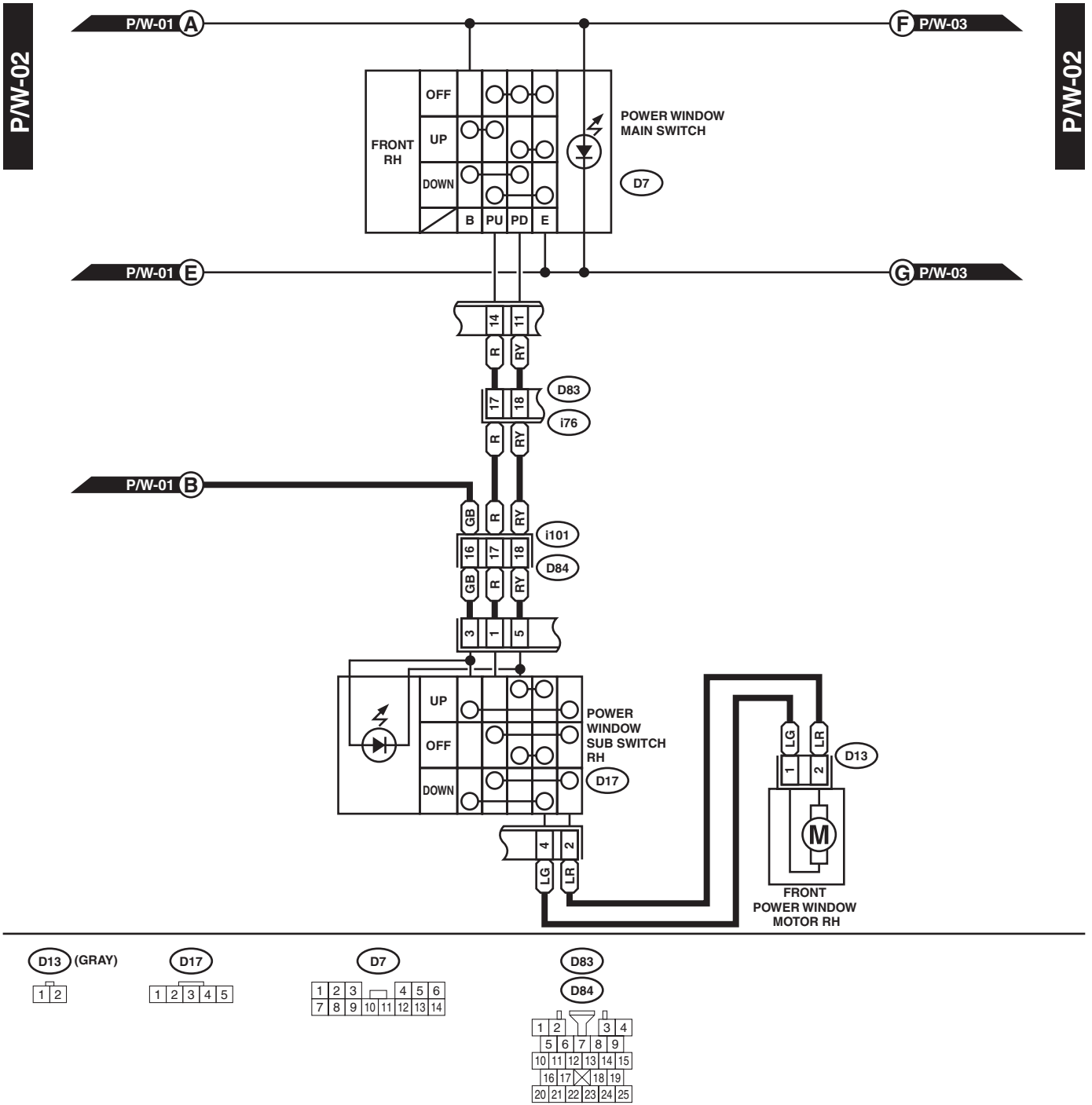
A: WIRING DIAGRAM



WI-09812

Power Window System

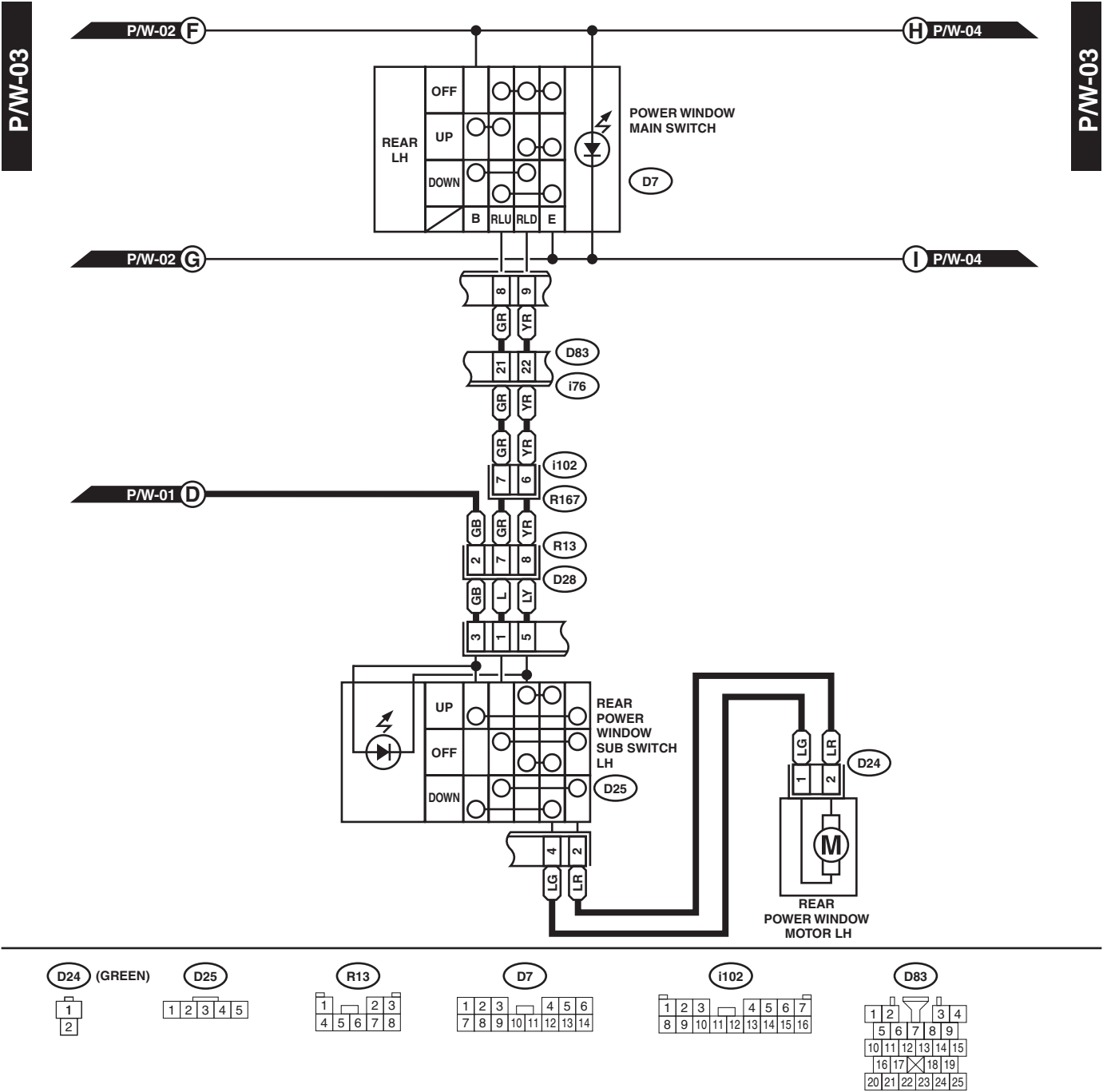
WIRING SYSTEM



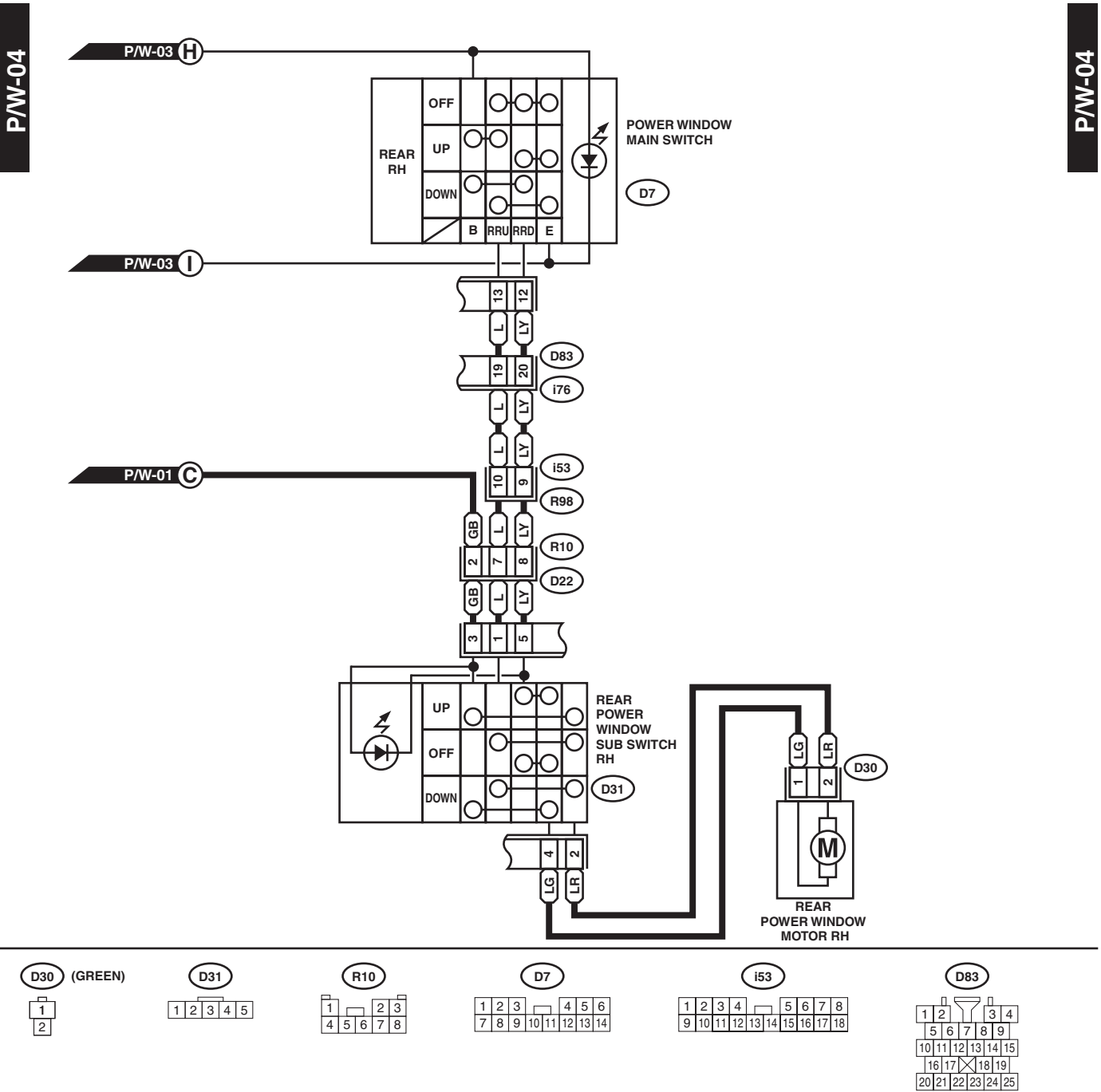
WI-09813

Power Window System

WIRING SYSTEM



WI-09814

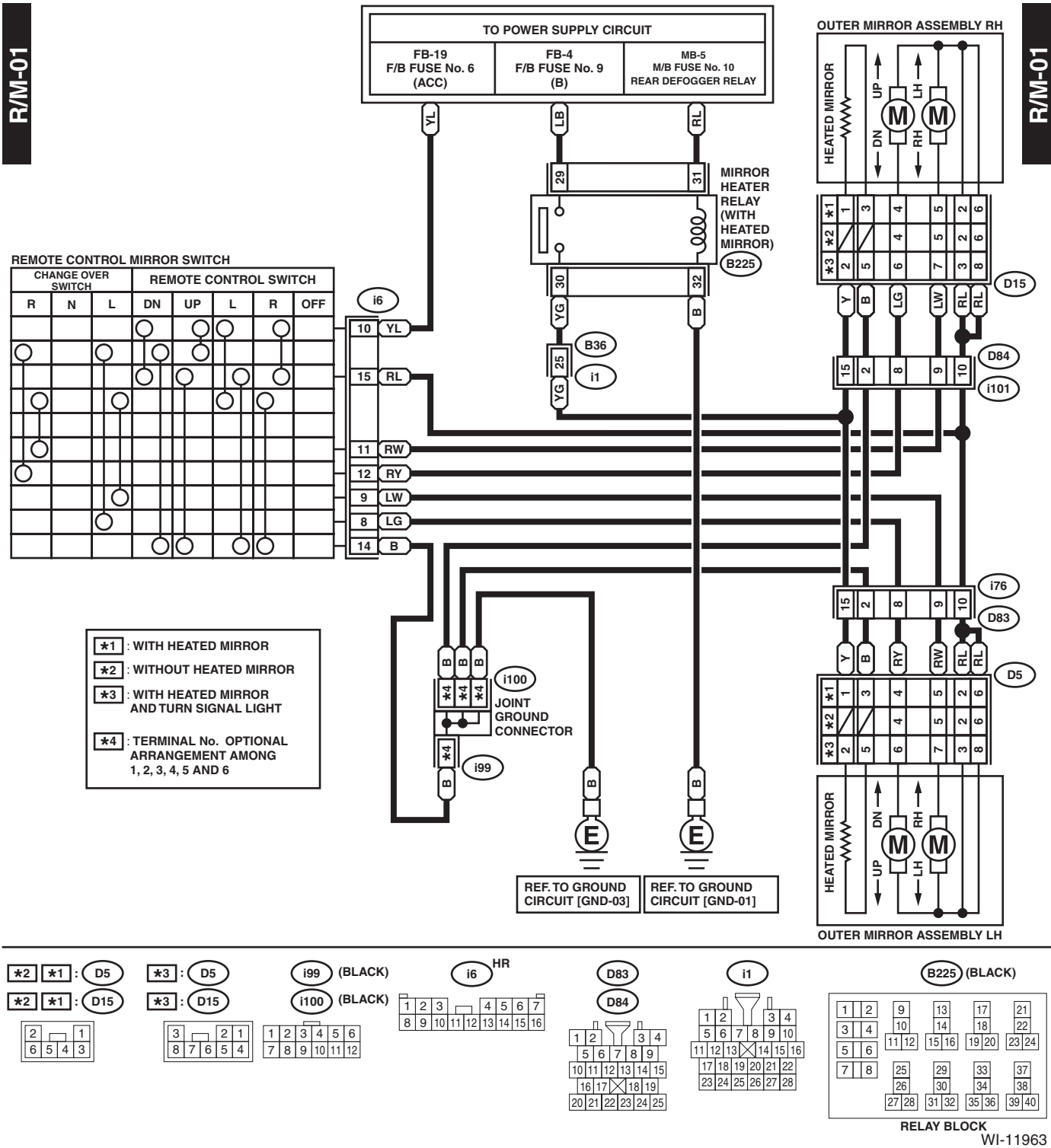


Remote Control Mirror System

WIRING SYSTEM

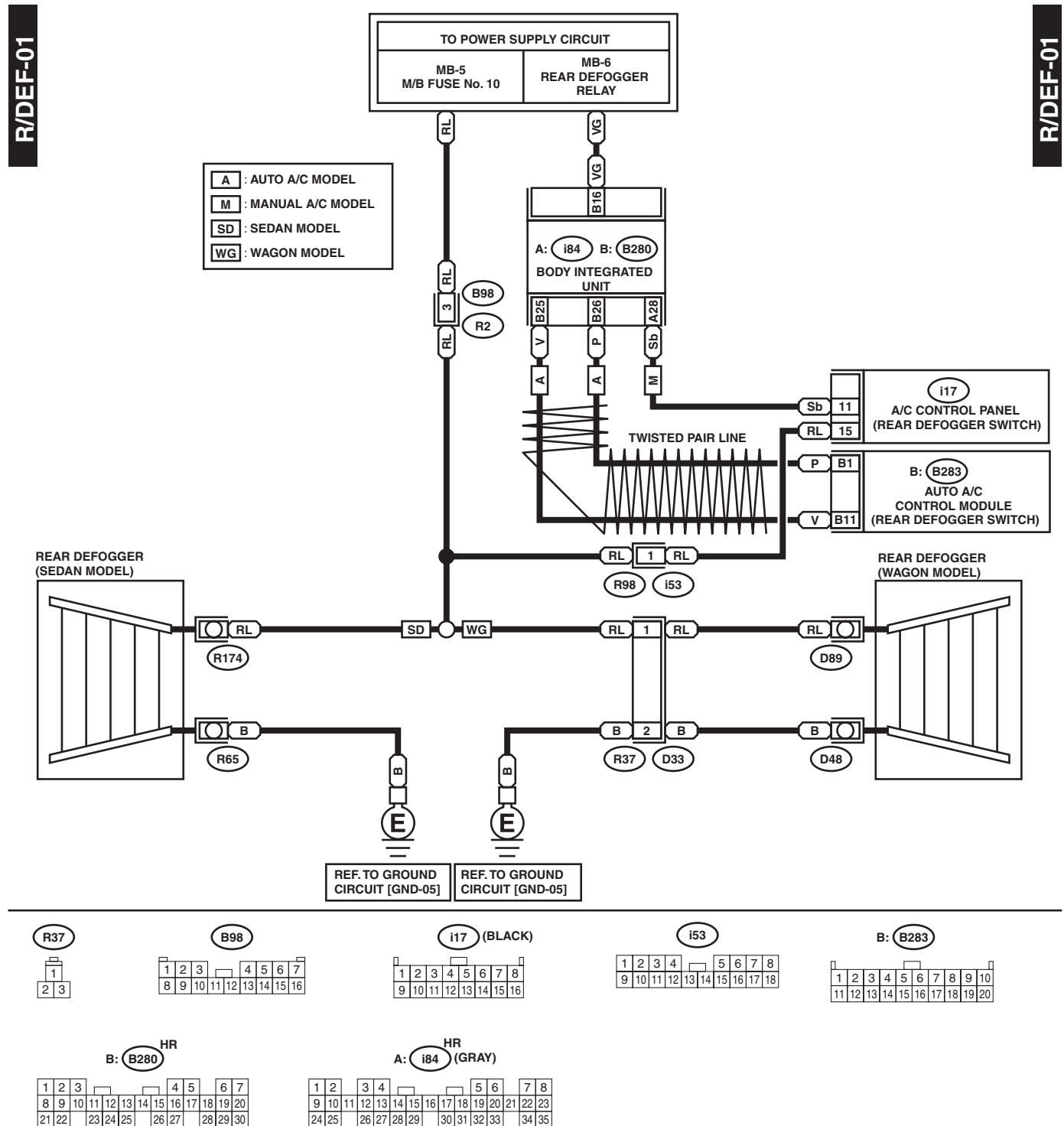
37.Remote Control Mirror System

A: WIRING DIAGRAM



38.Rear Defogger System

A: WIRING DIAGRAM



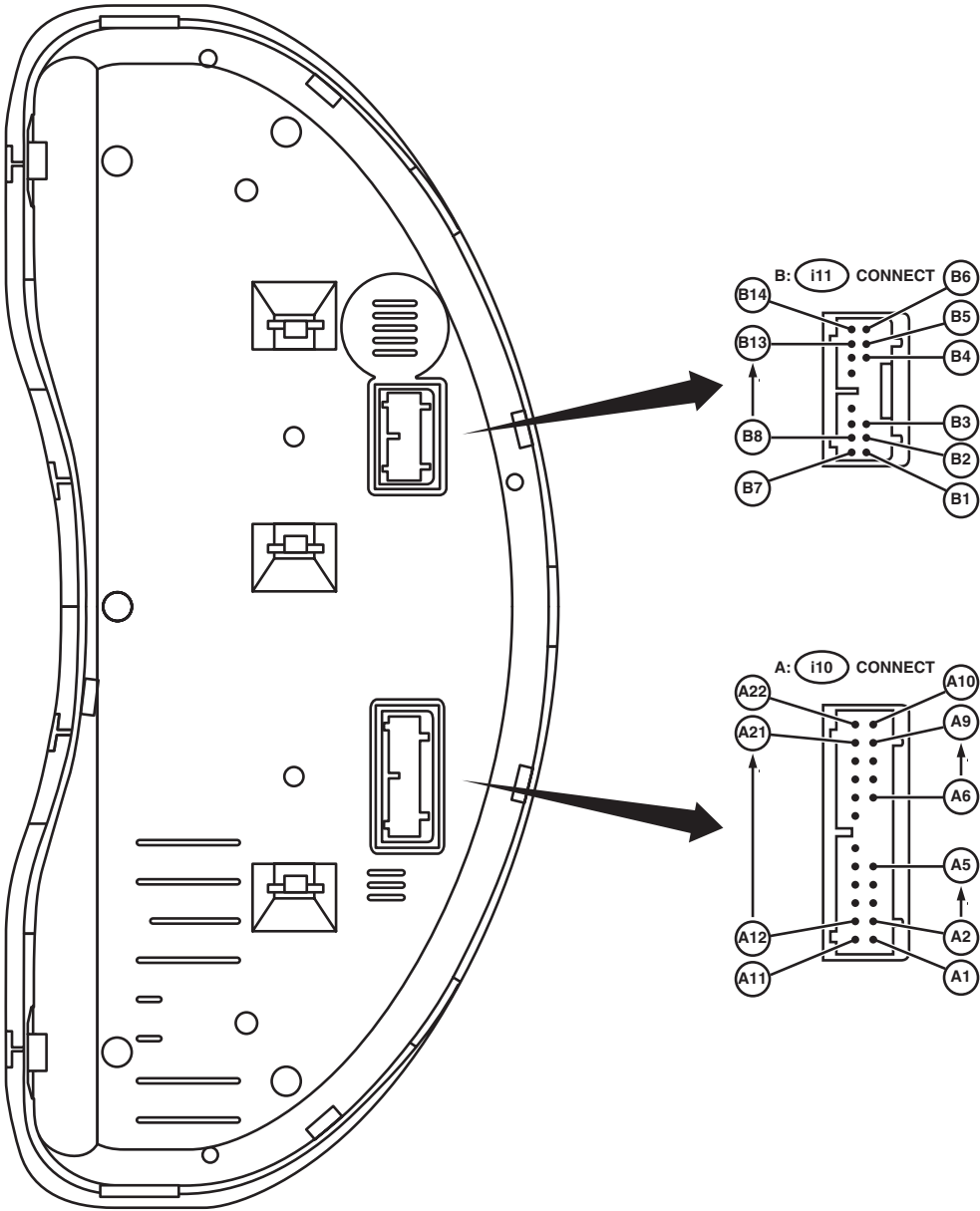
WI-11964

39.Combination Meter System

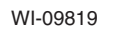
A: WIRING DIAGRAM

METER-01

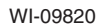
METER-01



WIRING SYSTEM

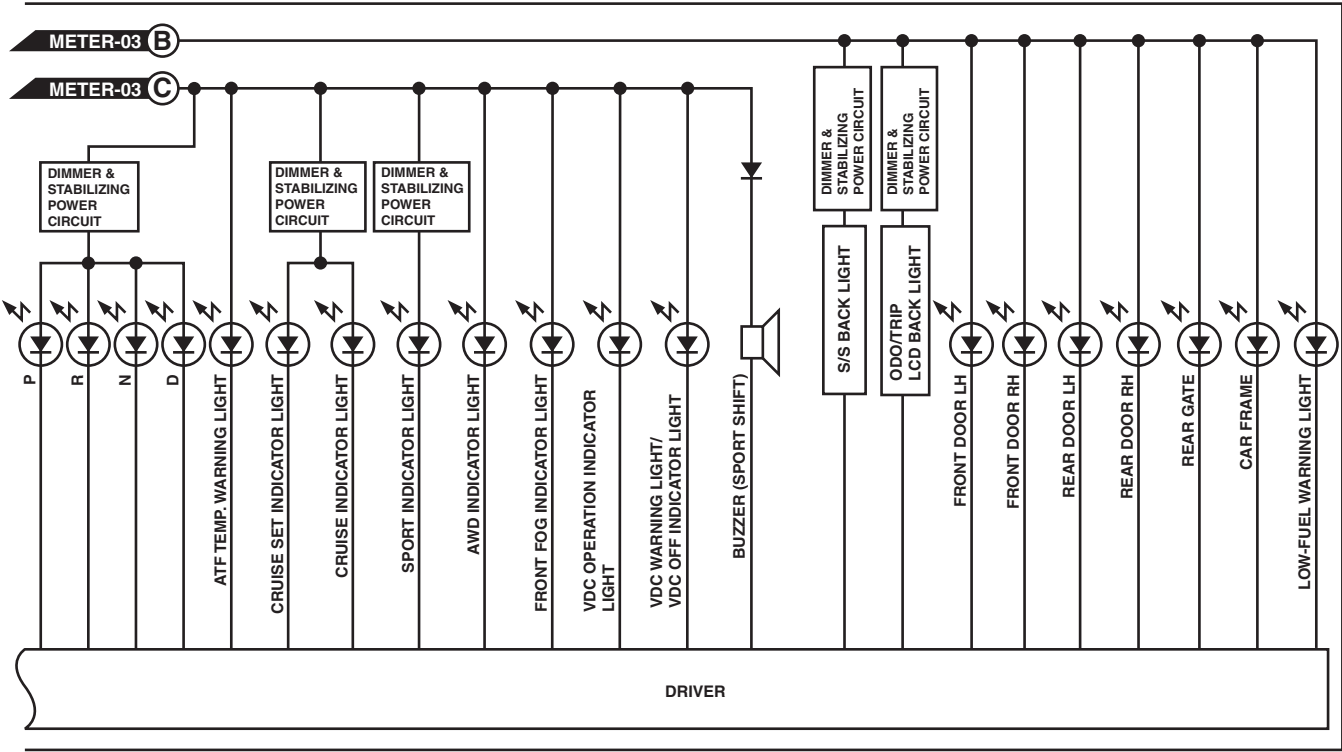


WIRING SYSTEM



METER-04

METER-04

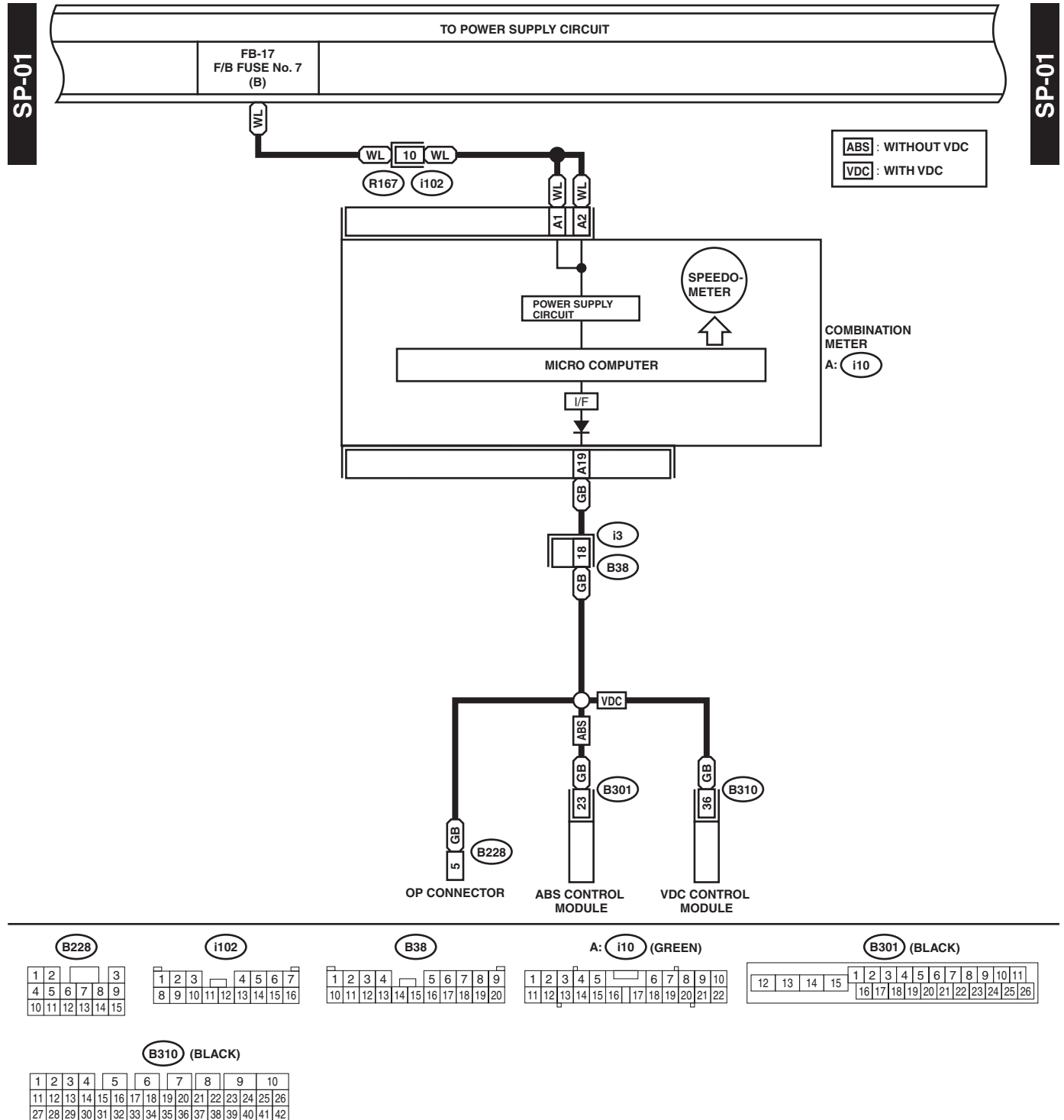


Speedometer System

WIRING SYSTEM

40.Speedmeter System

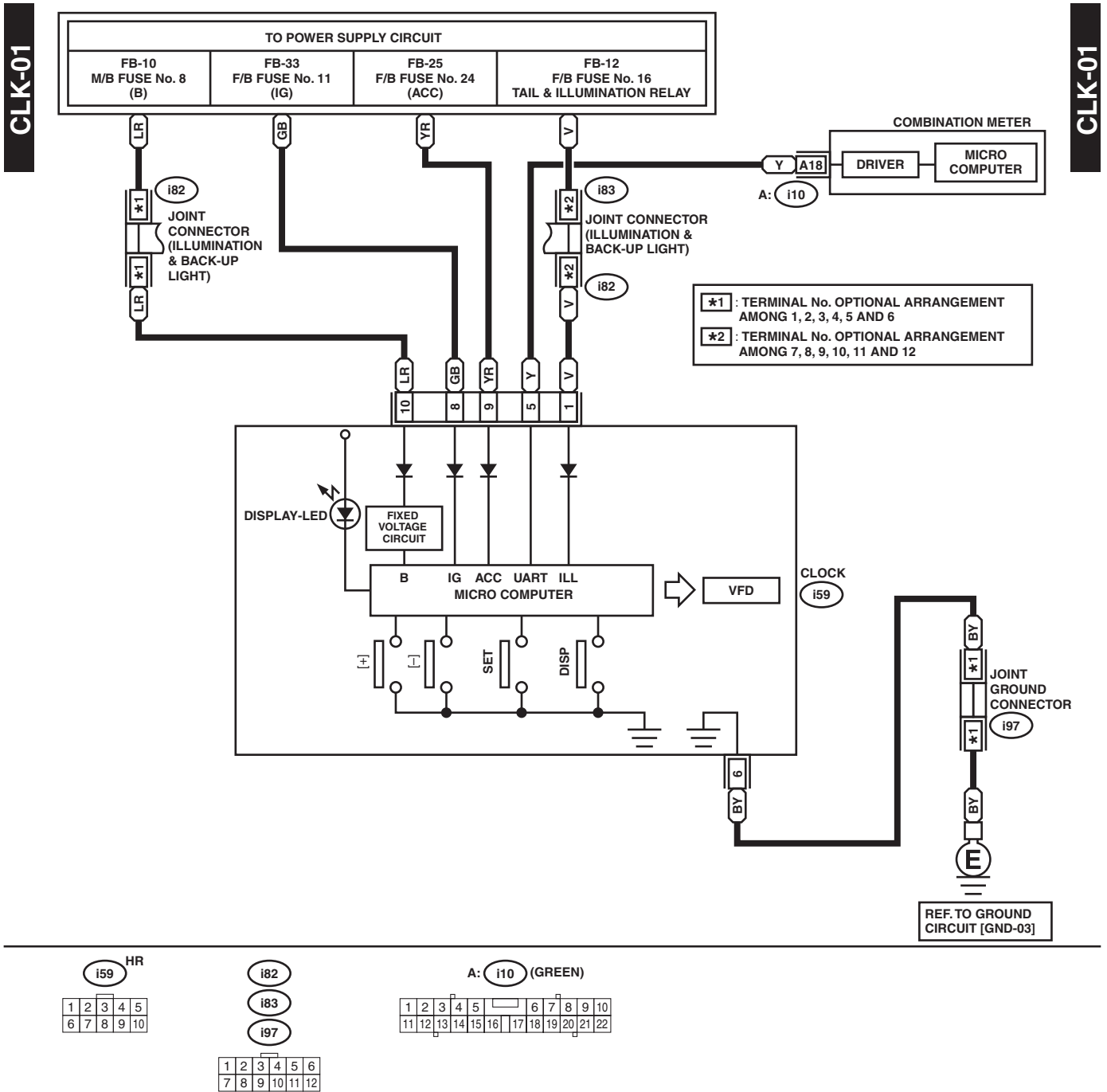
A: WIRING DIAGRAM



WI-10202

41.Clock System

A: WIRING DIAGRAM

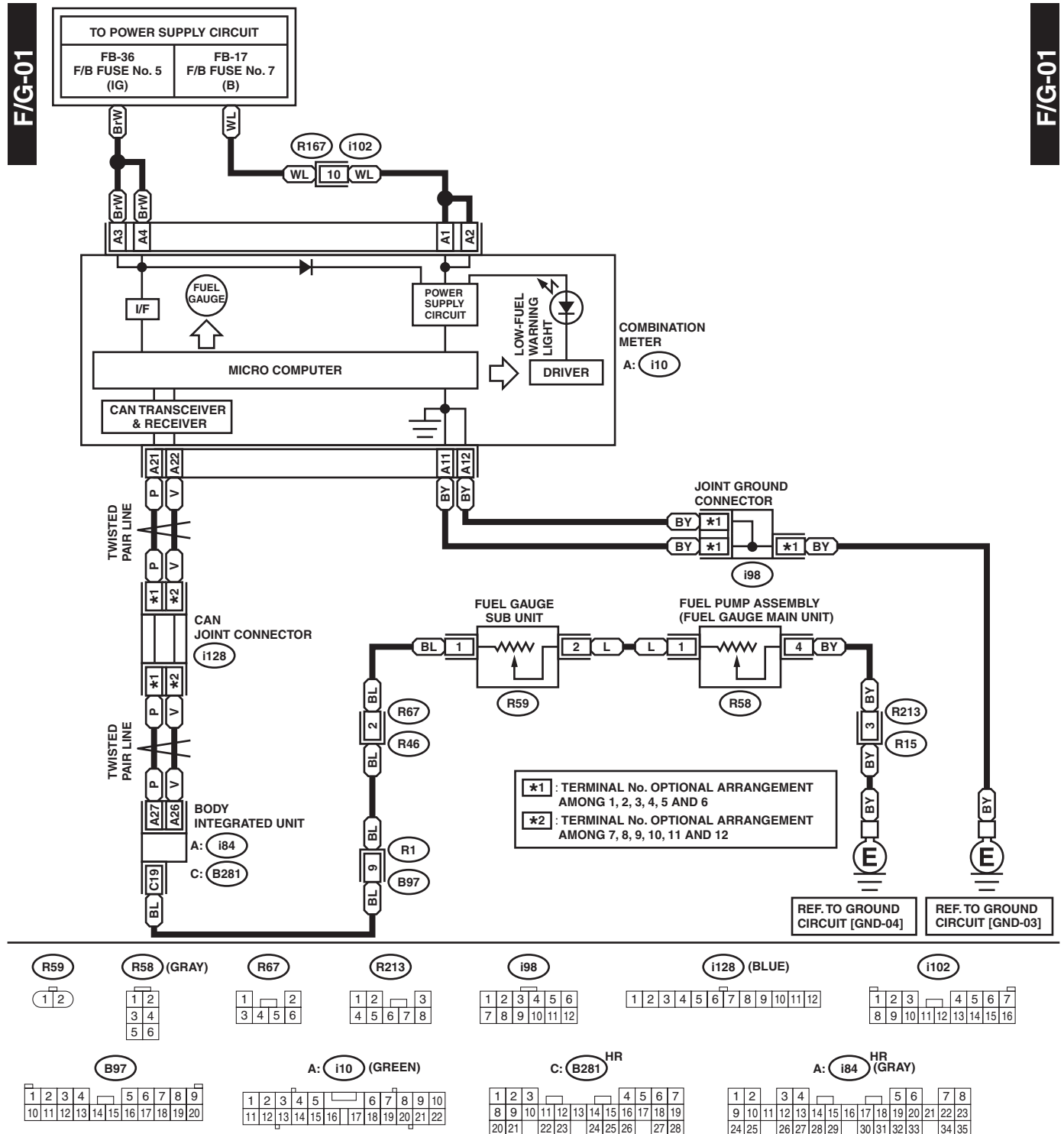


Fuel Gauge System

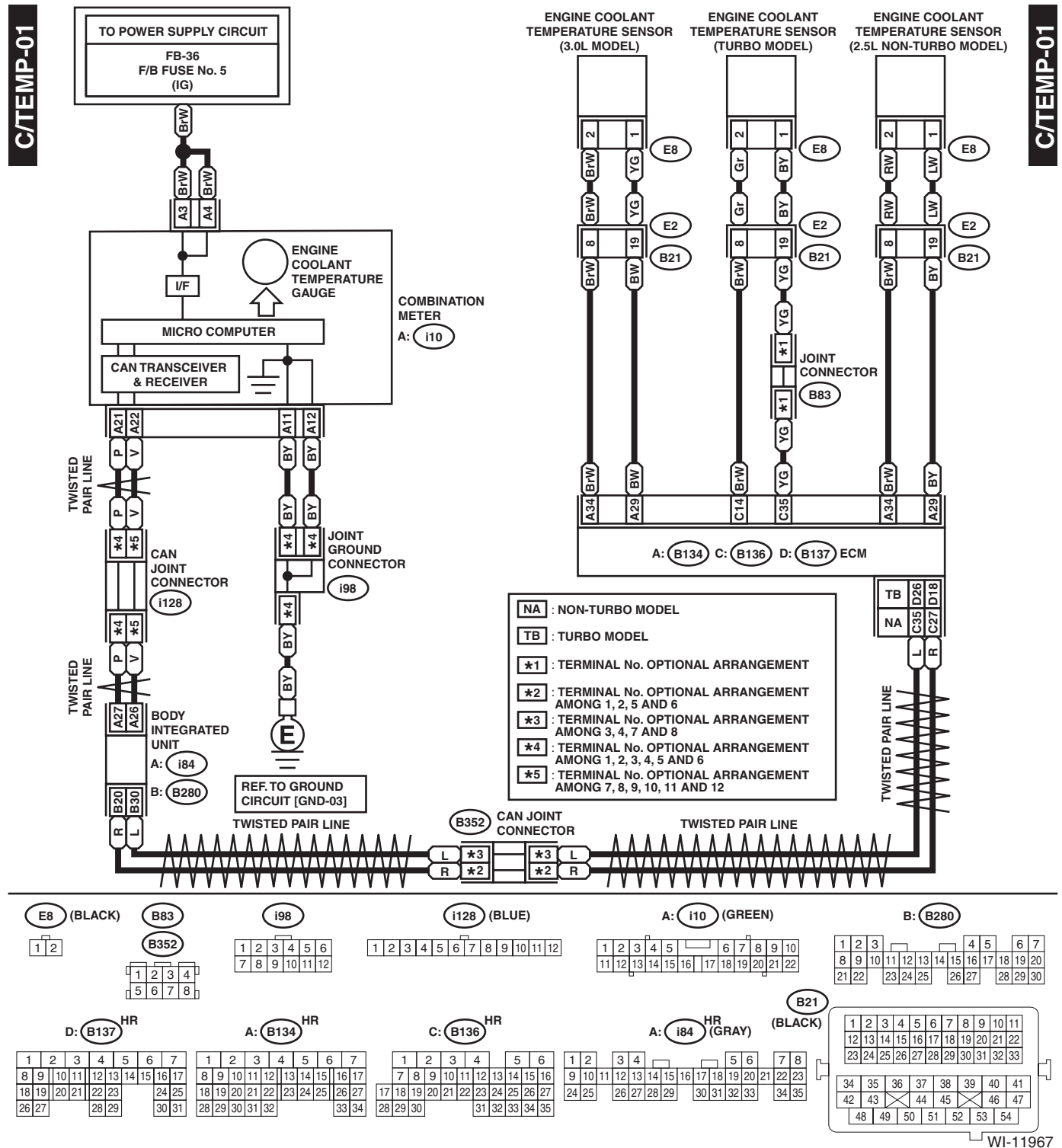
WIRING SYSTEM

42. Fuel Gauge System

A: WIRING DIAGRAM



A: WIRING DIAGRAM

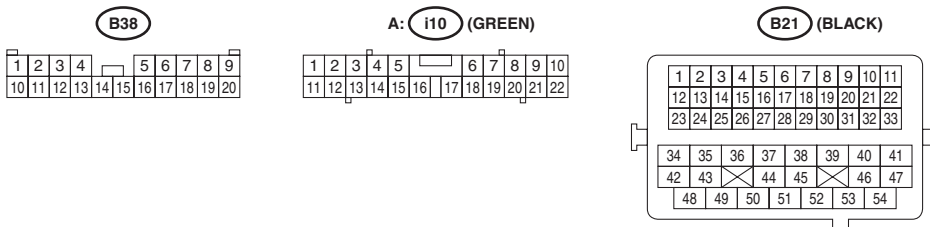


WIRING SYSTEM

A: WIRING DIAGRAM

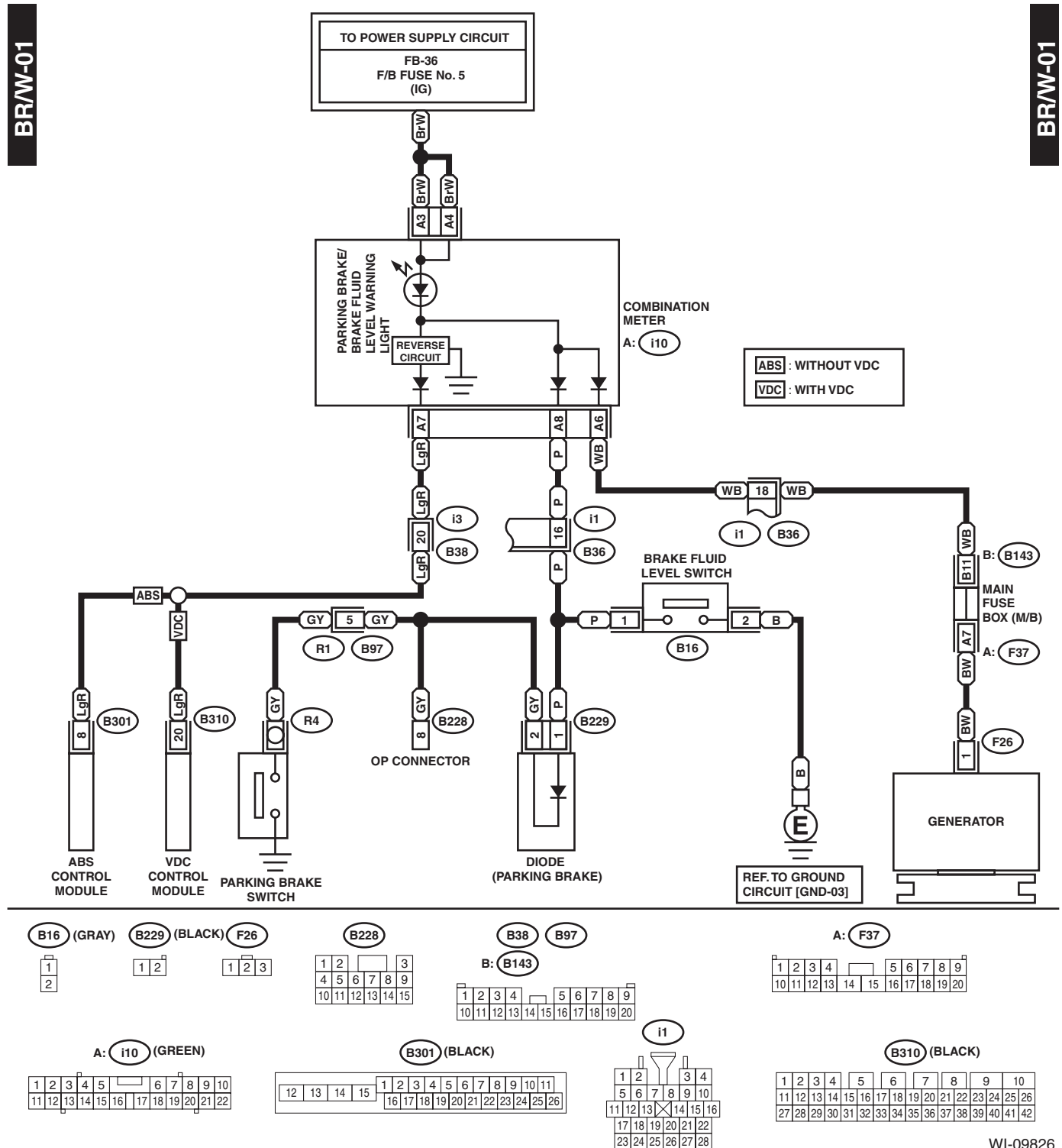
OIL/P-01

OIL/P-01

**WI-158**

45. Parking Brake / Brake Fluid Level Warning Light System

A: WIRING DIAGRAM



A: WIRING DIAGRAM

1. SEDAN MODEL



WIRING SYSTEM

S/R(WG)-01

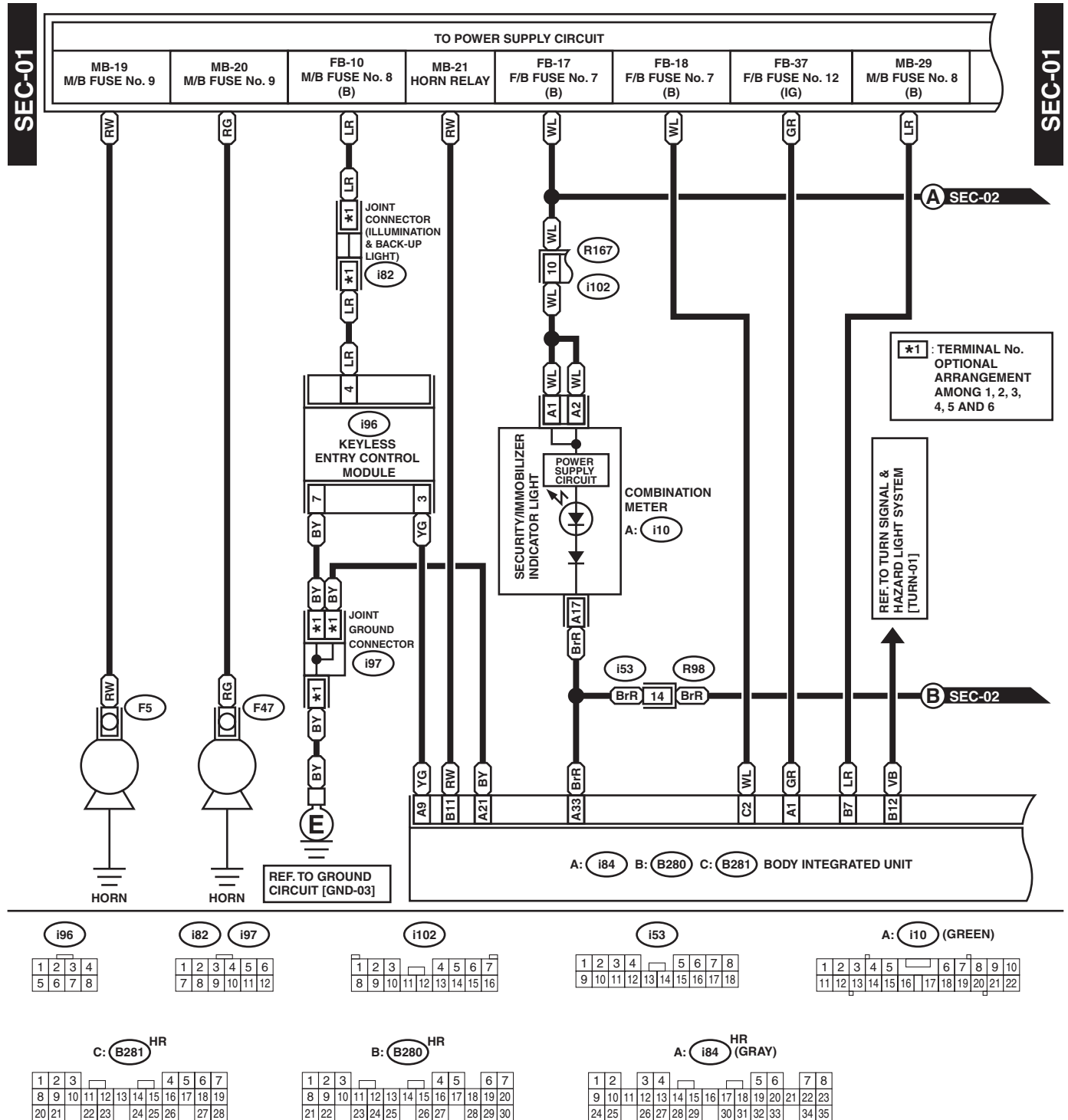


Security System

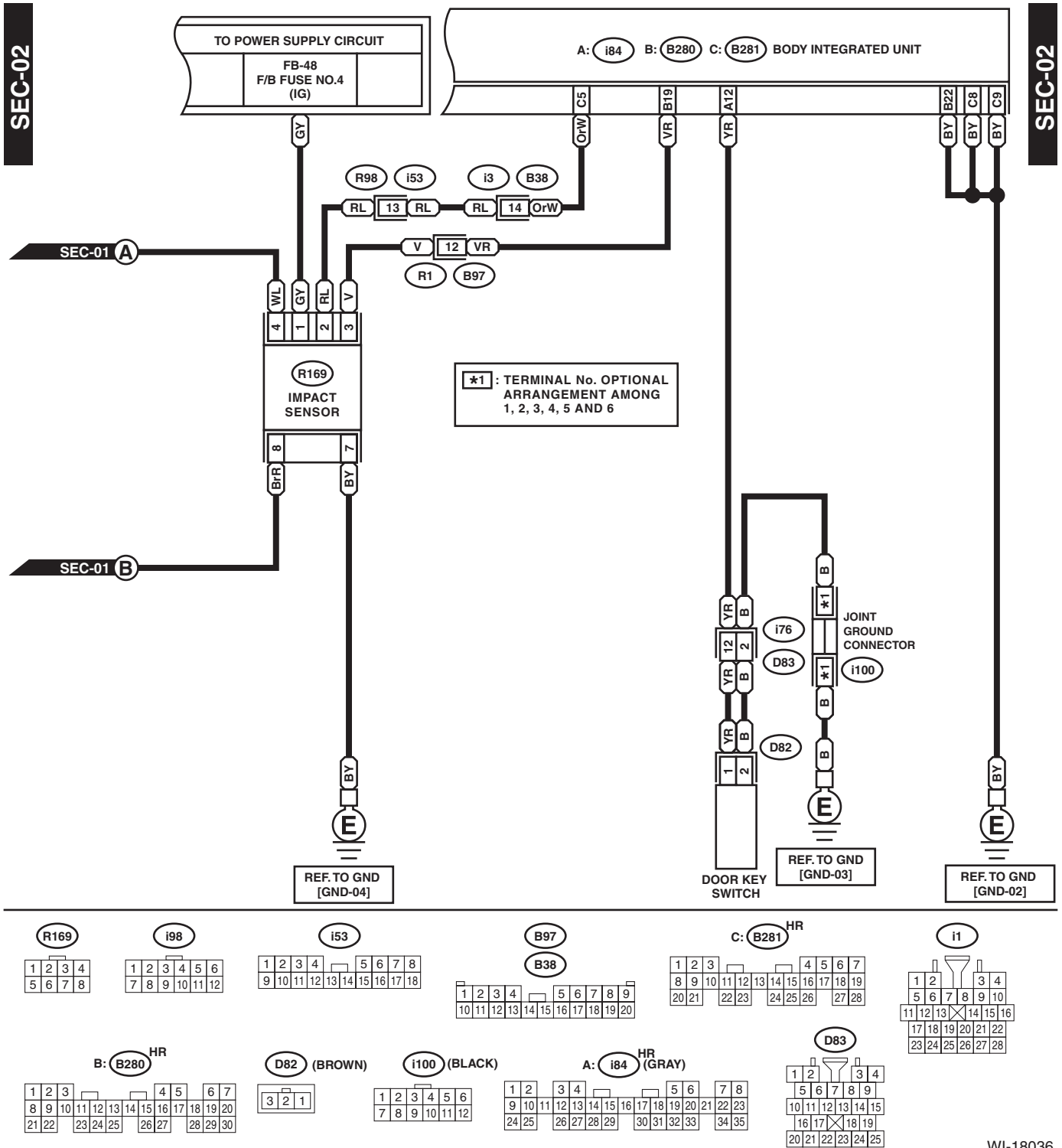
WIRING SYSTEM

47.Security System

A: WIRING DIAGRAM

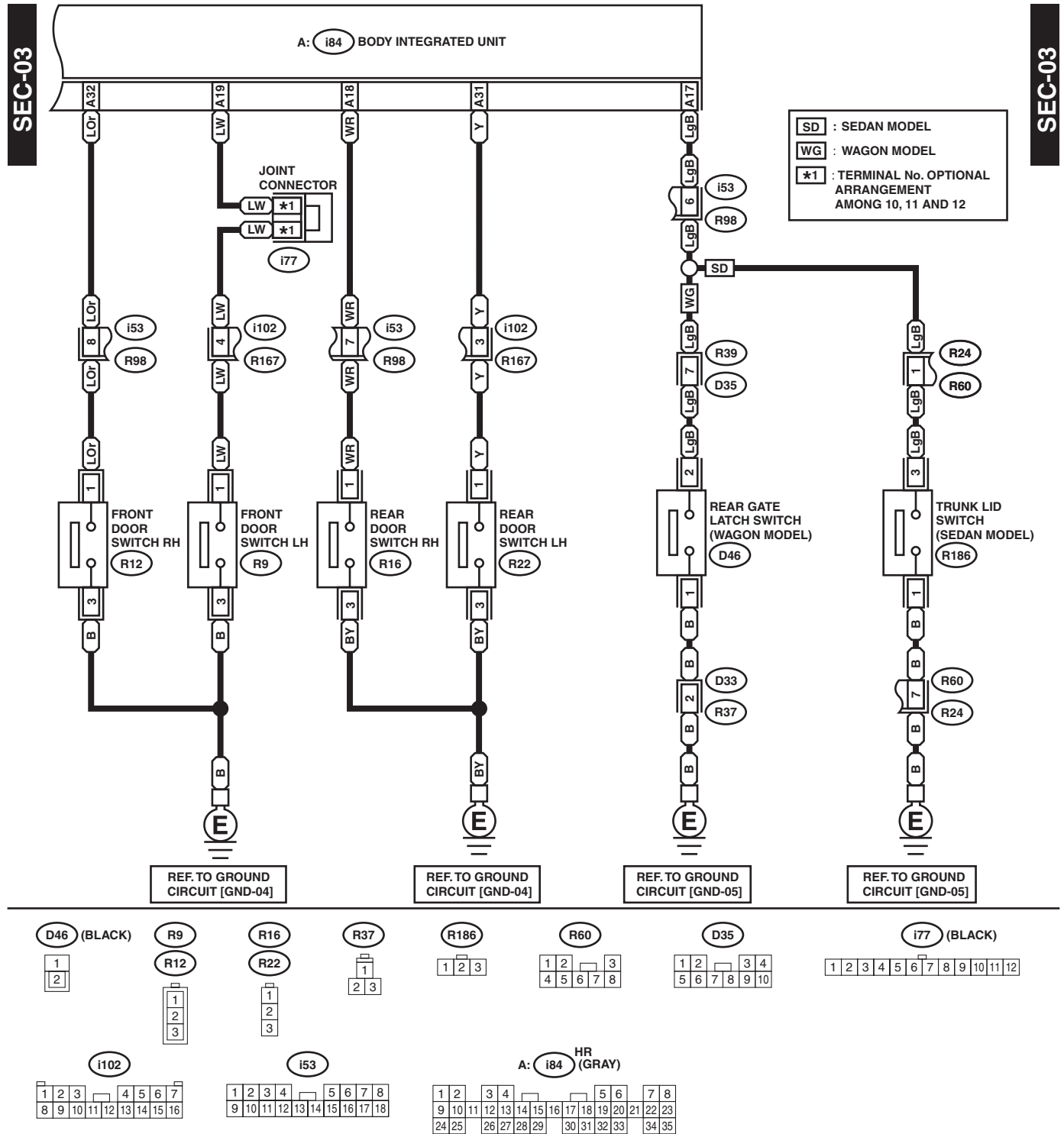


WI-11968



Security System

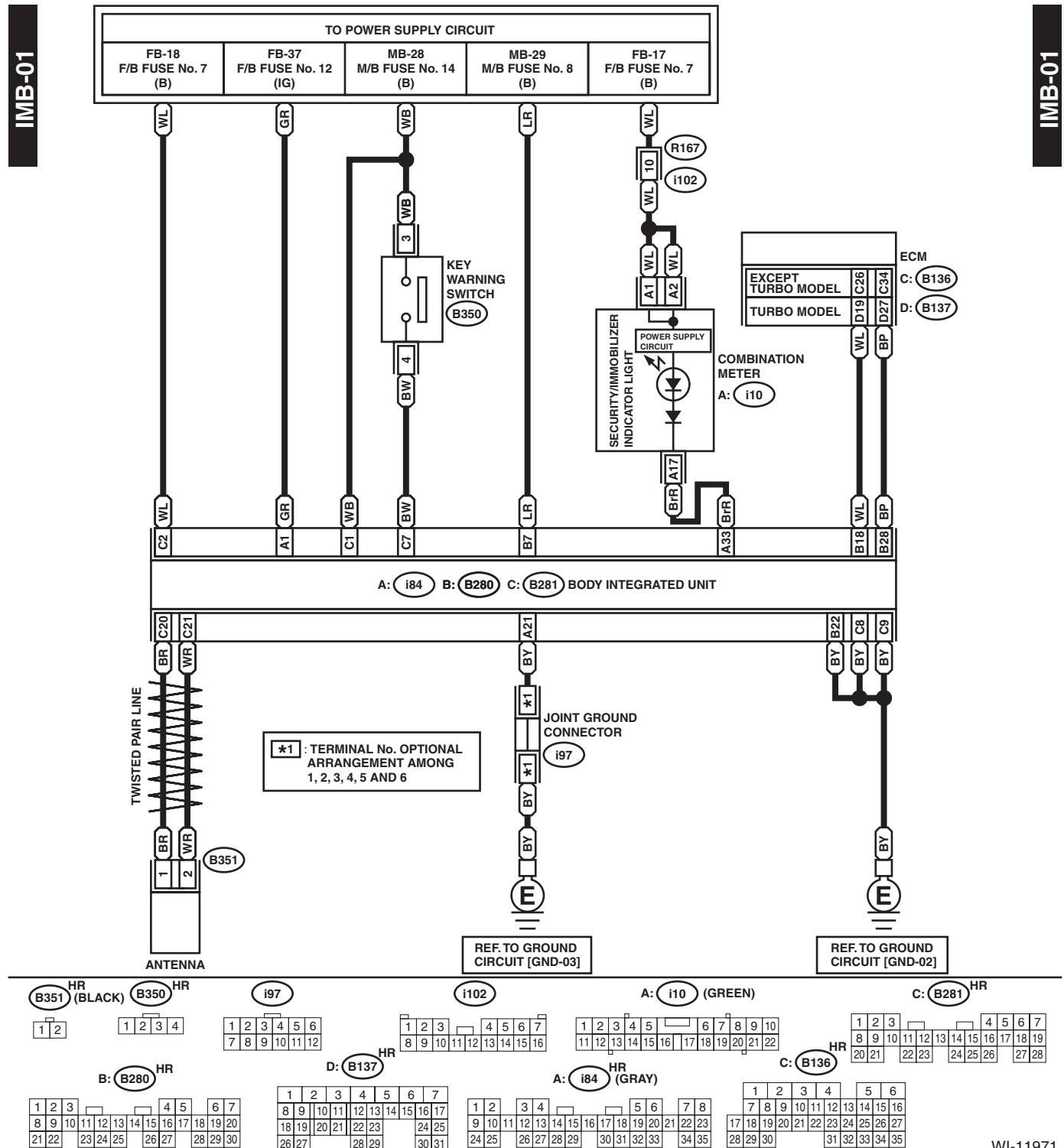
WIRING SYSTEM



WI-11970

48. Immobilizer System

A: WIRING DIAGRAM



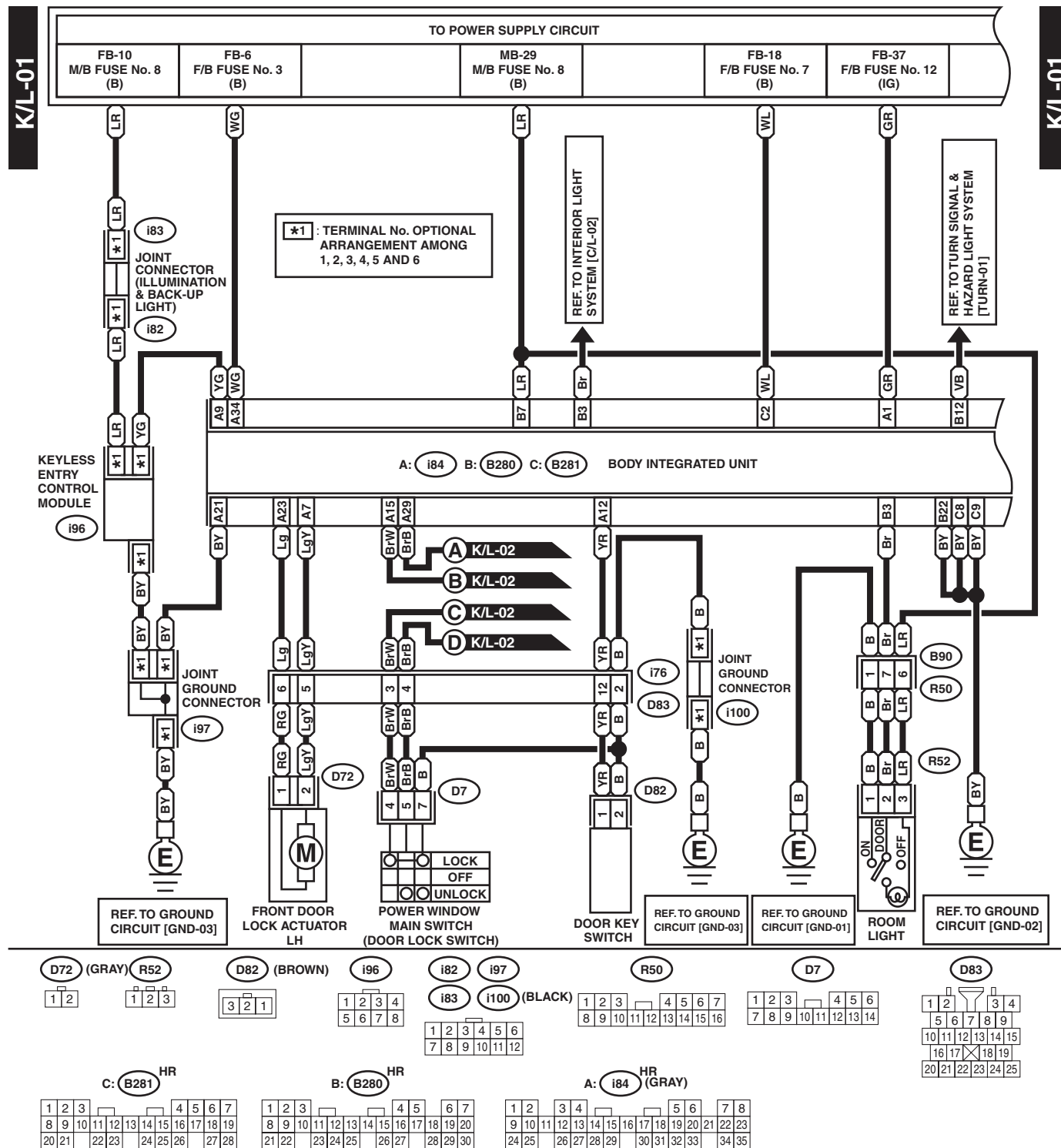
WI-11971

Keyless Entry System

WIRING SYSTEM

49. Keyless Entry System

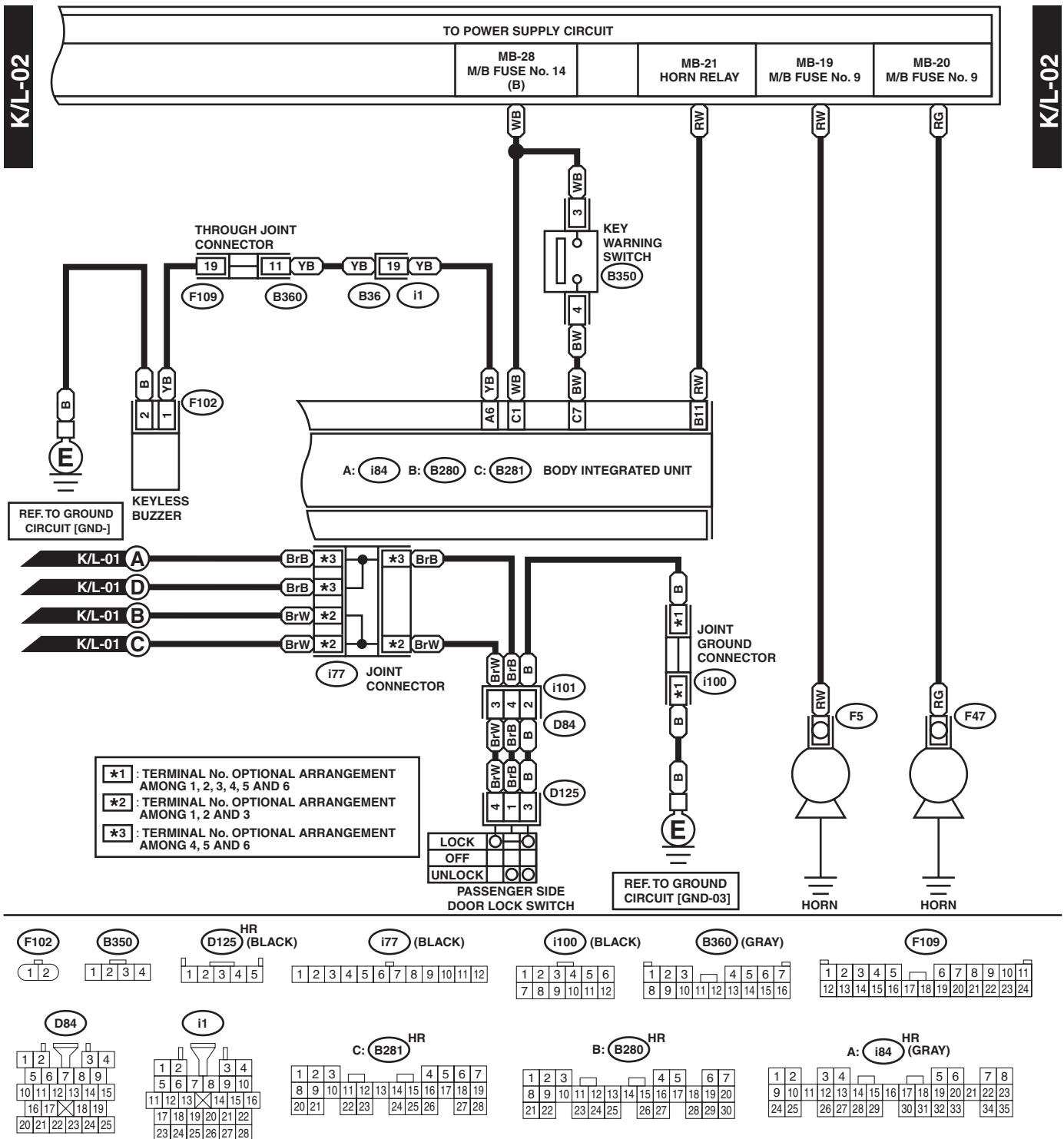
A: WIRING DIAGRAM



WI-11972

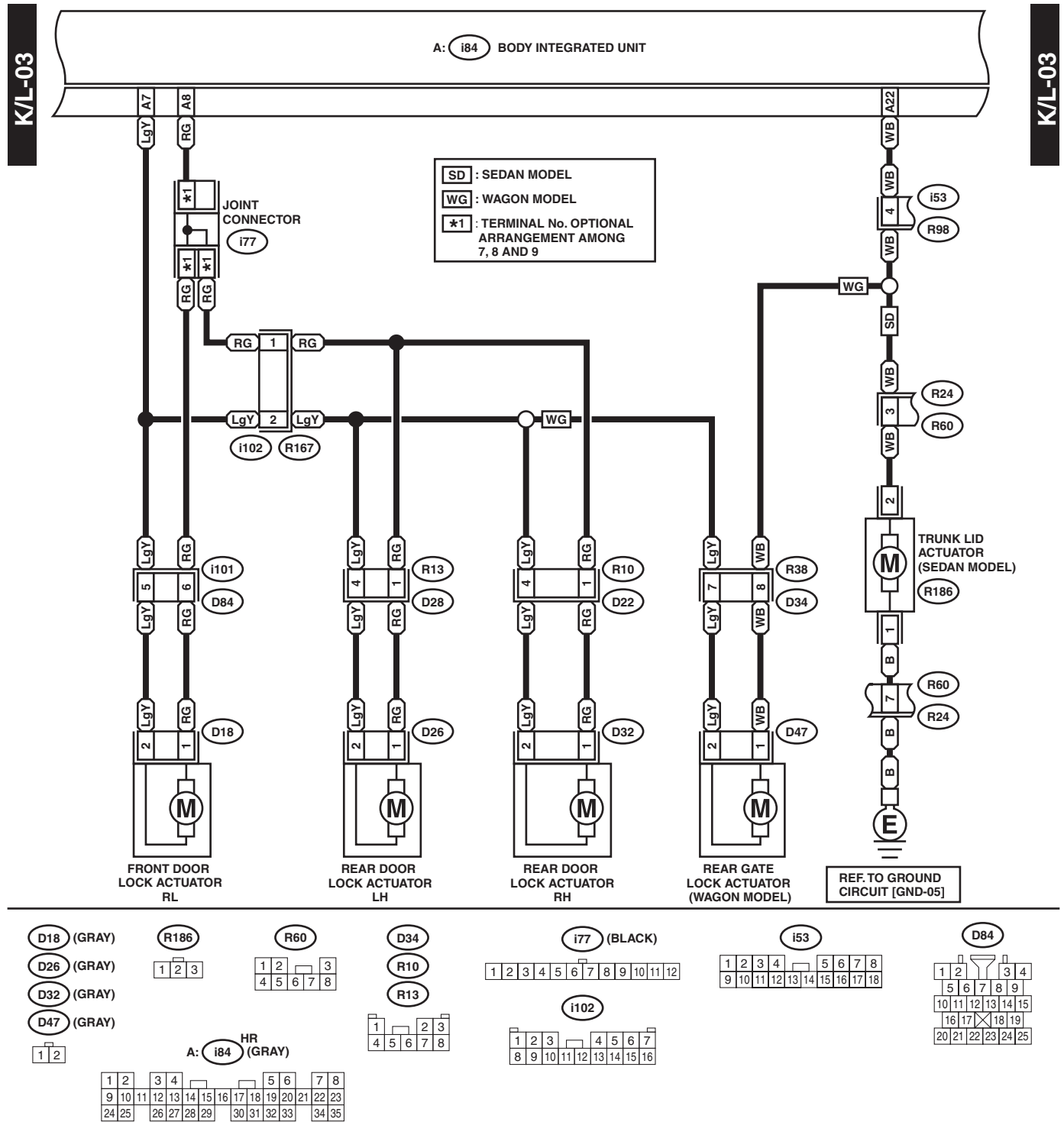
Keyless Entry System

WIRING SYSTEM



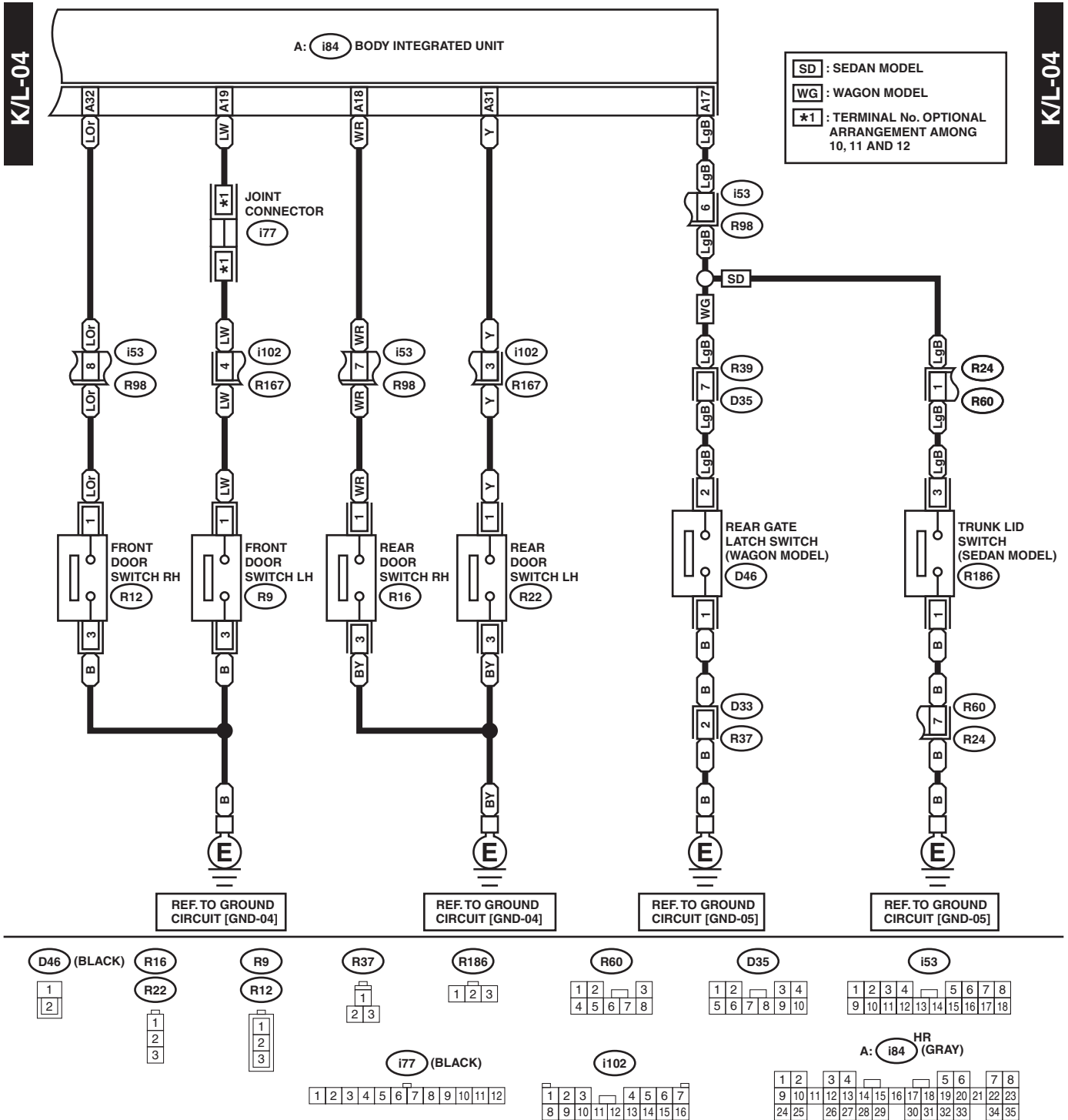
WI-11973

WIRING SYSTEM



Keyless Entry System

WIRING SYSTEM



WI-11975

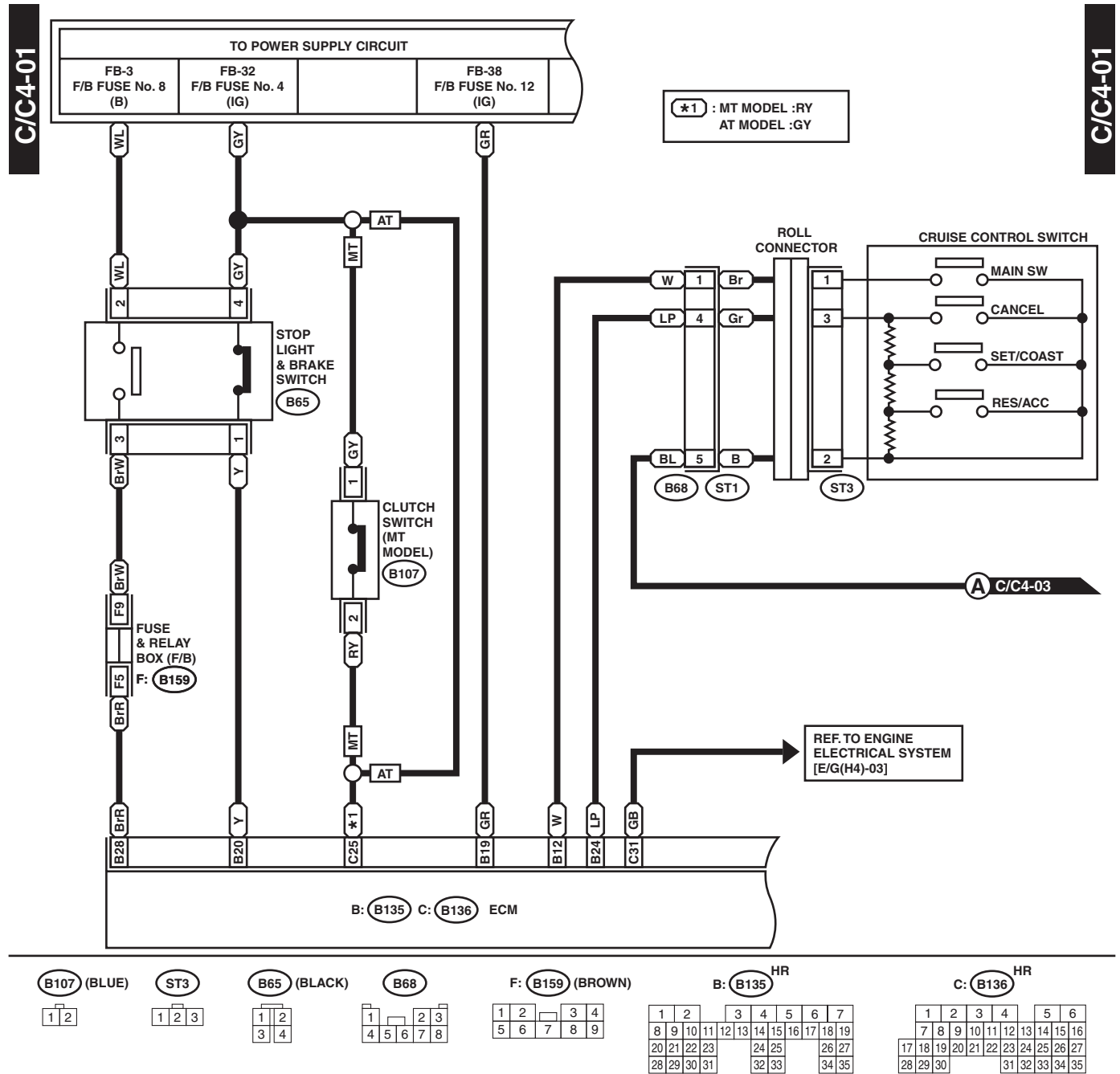
Cruise Control System

WIRING SYSTEM

50.Cruise Control System

A: WIRING DIAGRAM

1. 2.5 L NON-TURBO MODEL



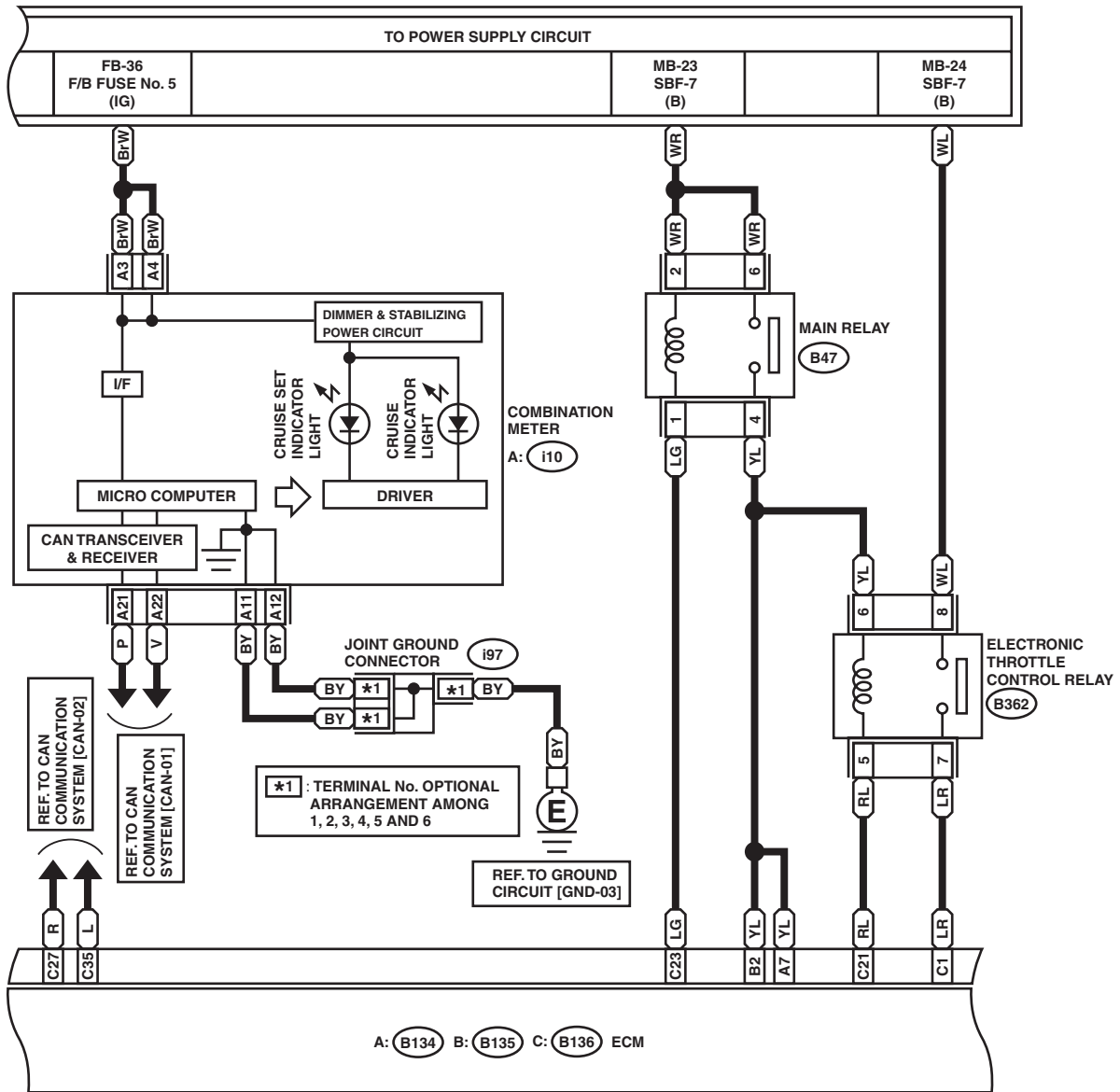
WI-11976

Cruise Control System

WIRING SYSTEM

C/C4-02

C/C4-02



B47 (BROWN)

1	2
3	4
5	6

B362 (BLACK)

1	2	3
4	5	6
7	8	9

i97

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

A: i10 (GREEN)

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

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}

RELAY HOLDER

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}

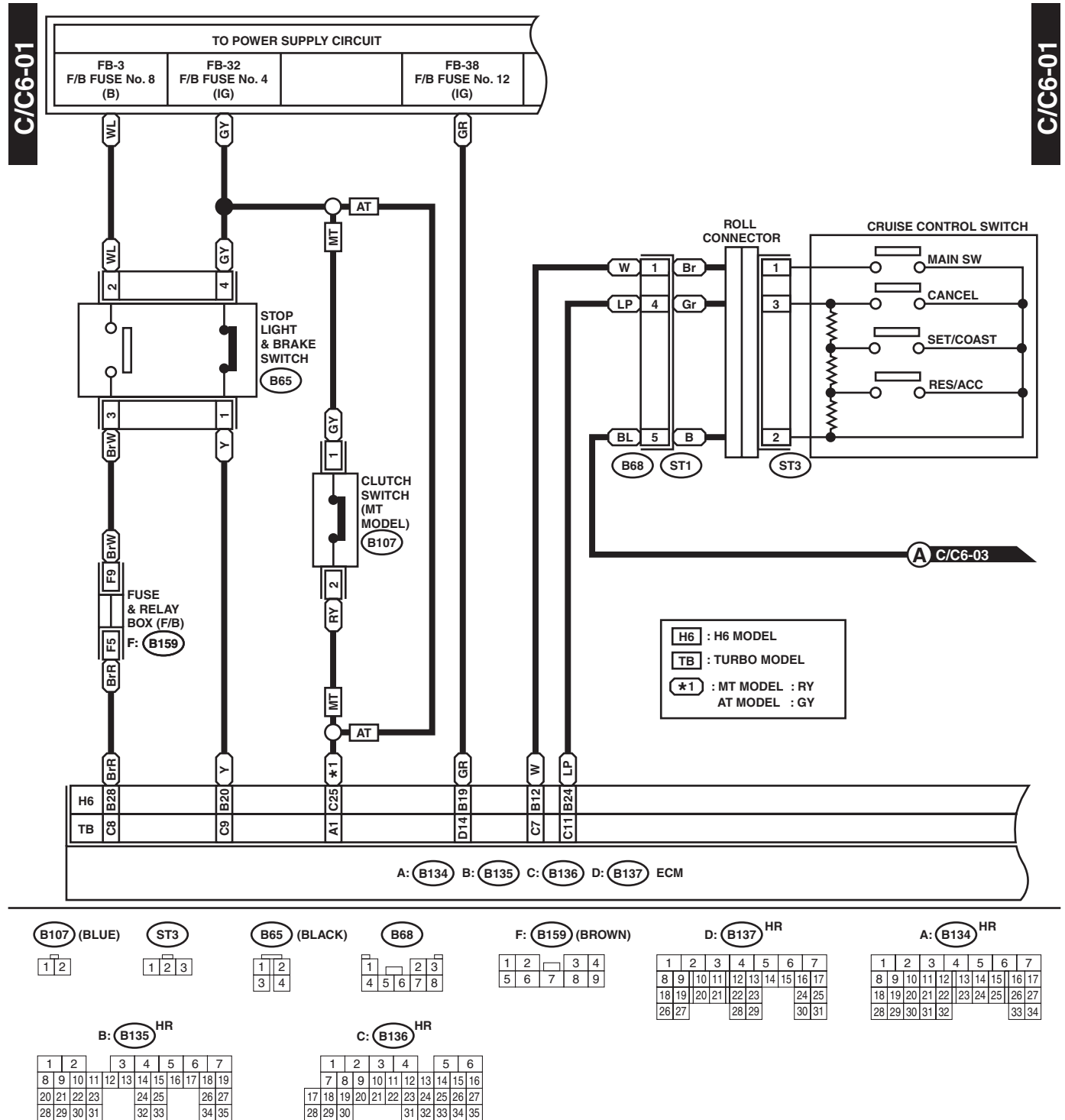
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

WI-11977

C/C4-03

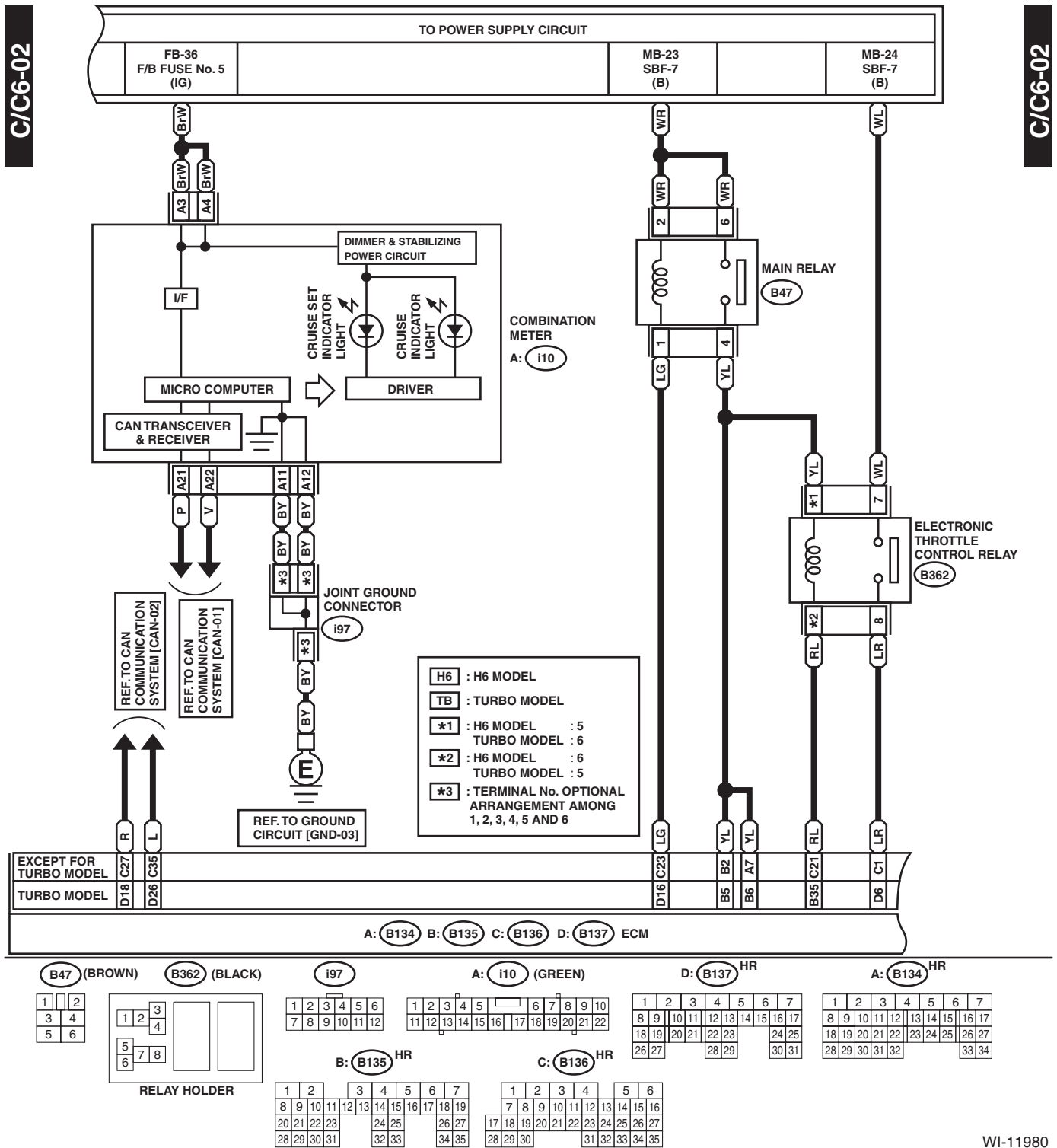


2. 2.5L TURBO MODEL AND 3.0 L MODEL



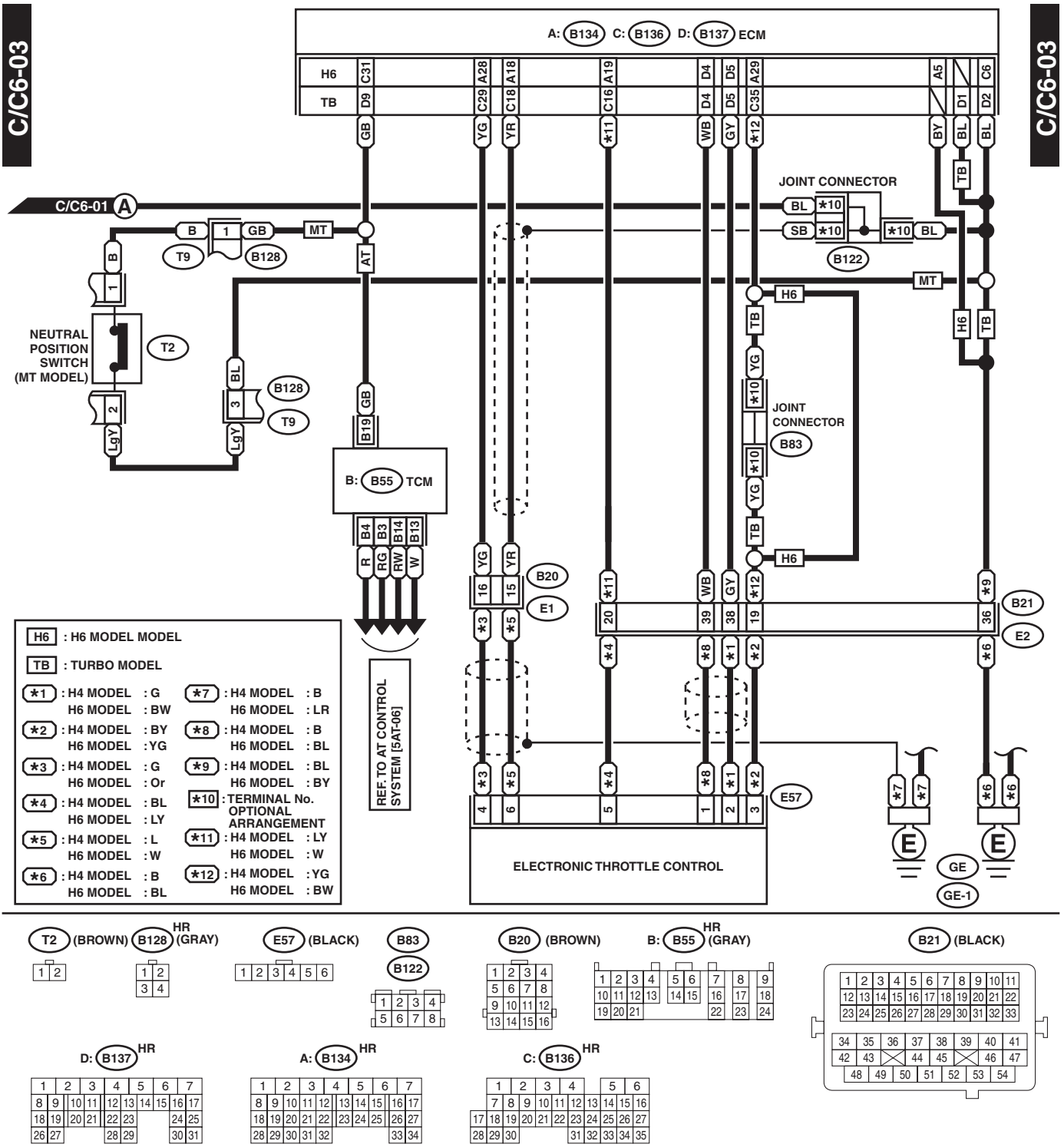
Cruise Control System

WIRING SYSTEM



Cruise Control System

WIRING SYSTEM

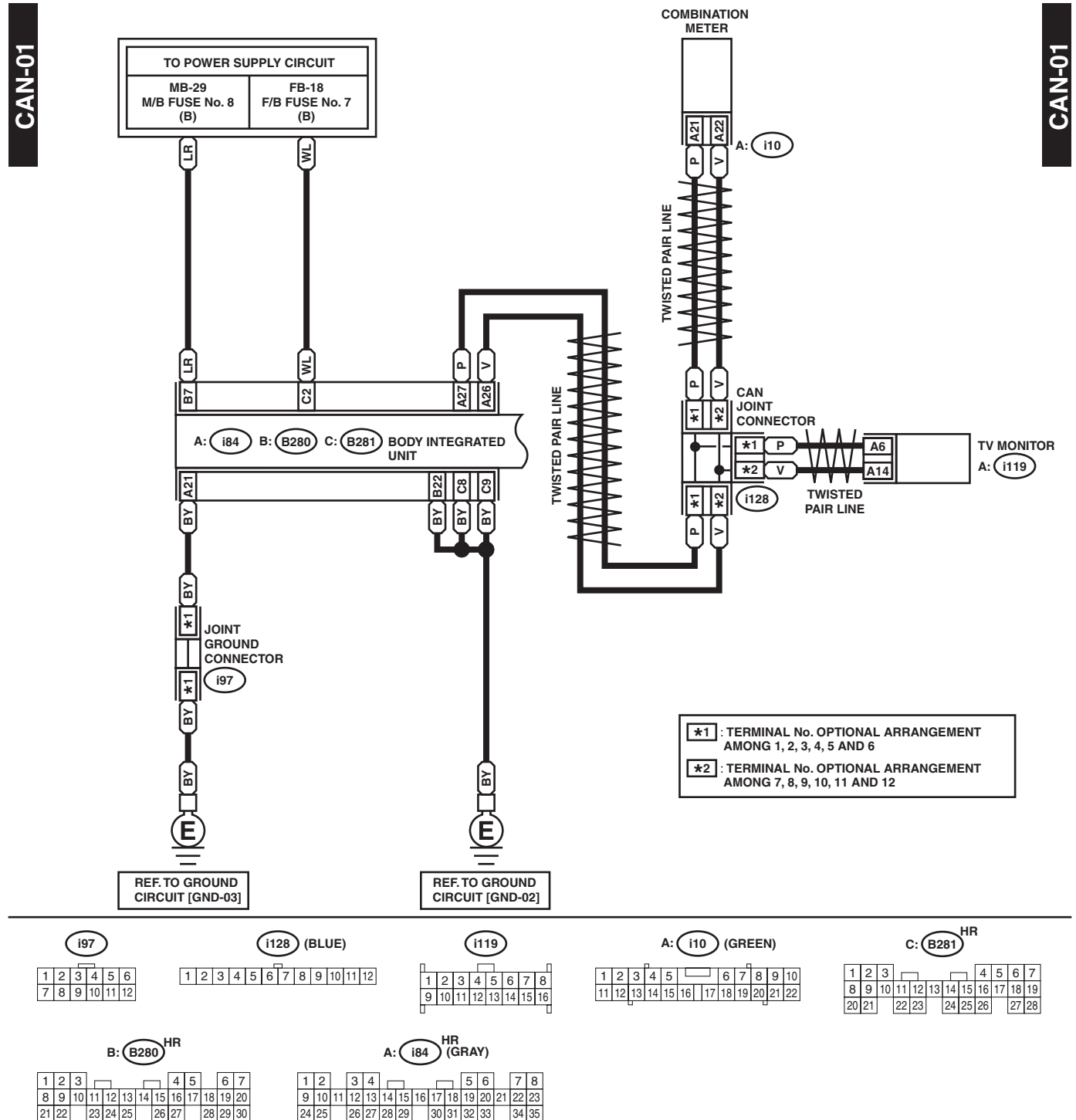


CAN Communication System

WIRING SYSTEM

51.CAN Communication System

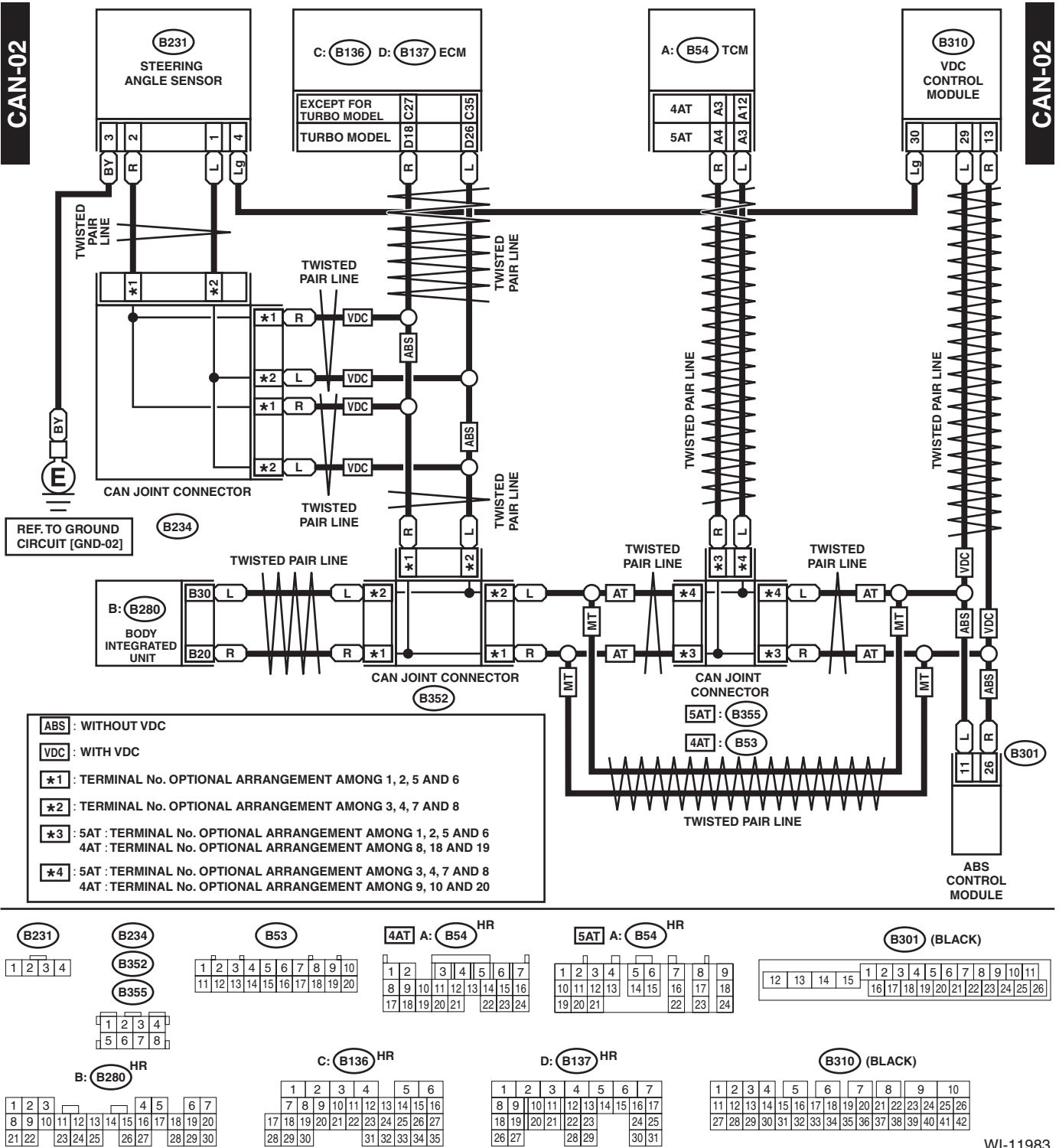
A: WIRING DIAGRAM



WI-11982

CAN Communication System

WIRING SYSTEM



WI-11983

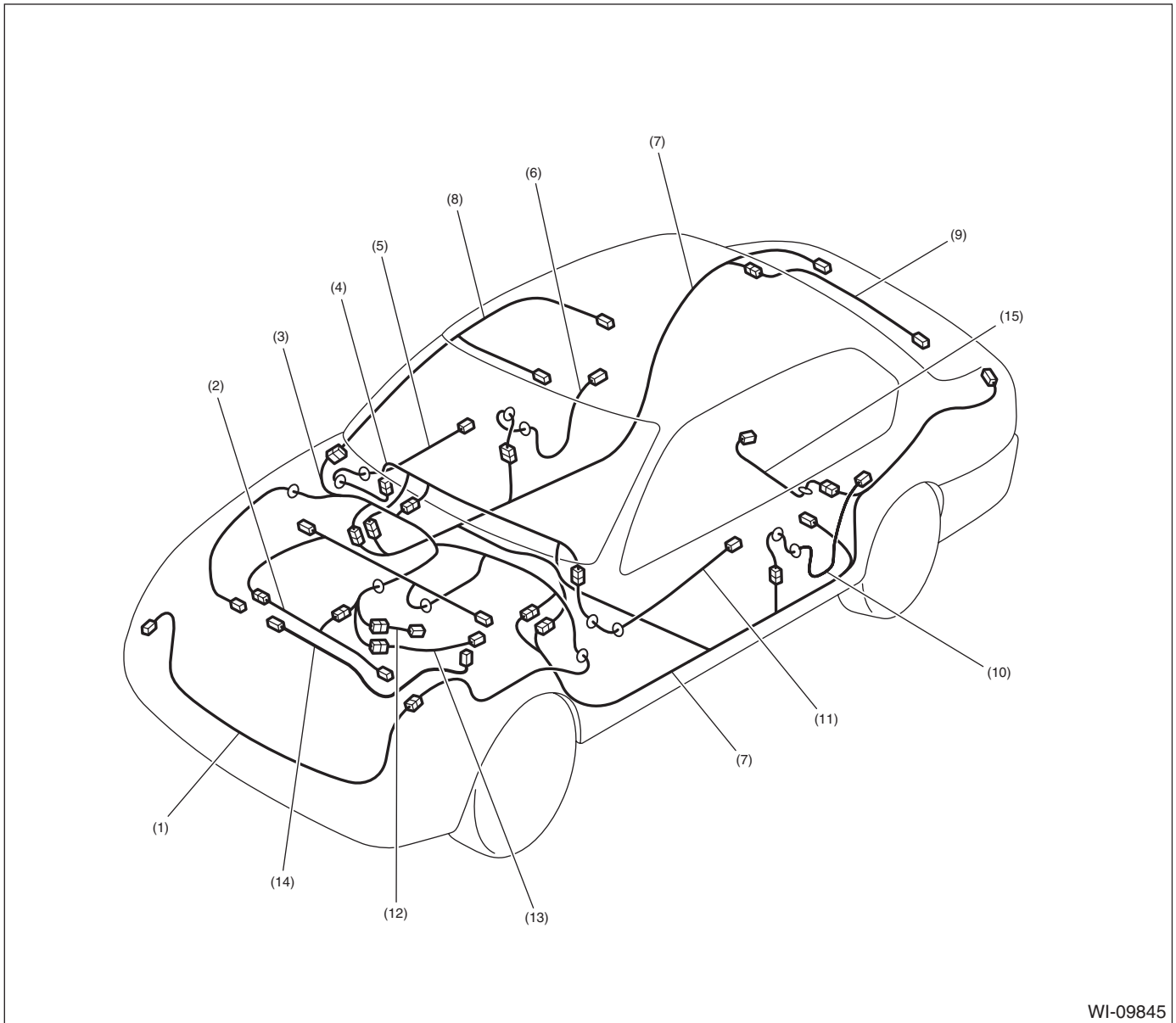
Harness Components Location

WIRING SYSTEM

52.Harness Components Location

A: LOCATION

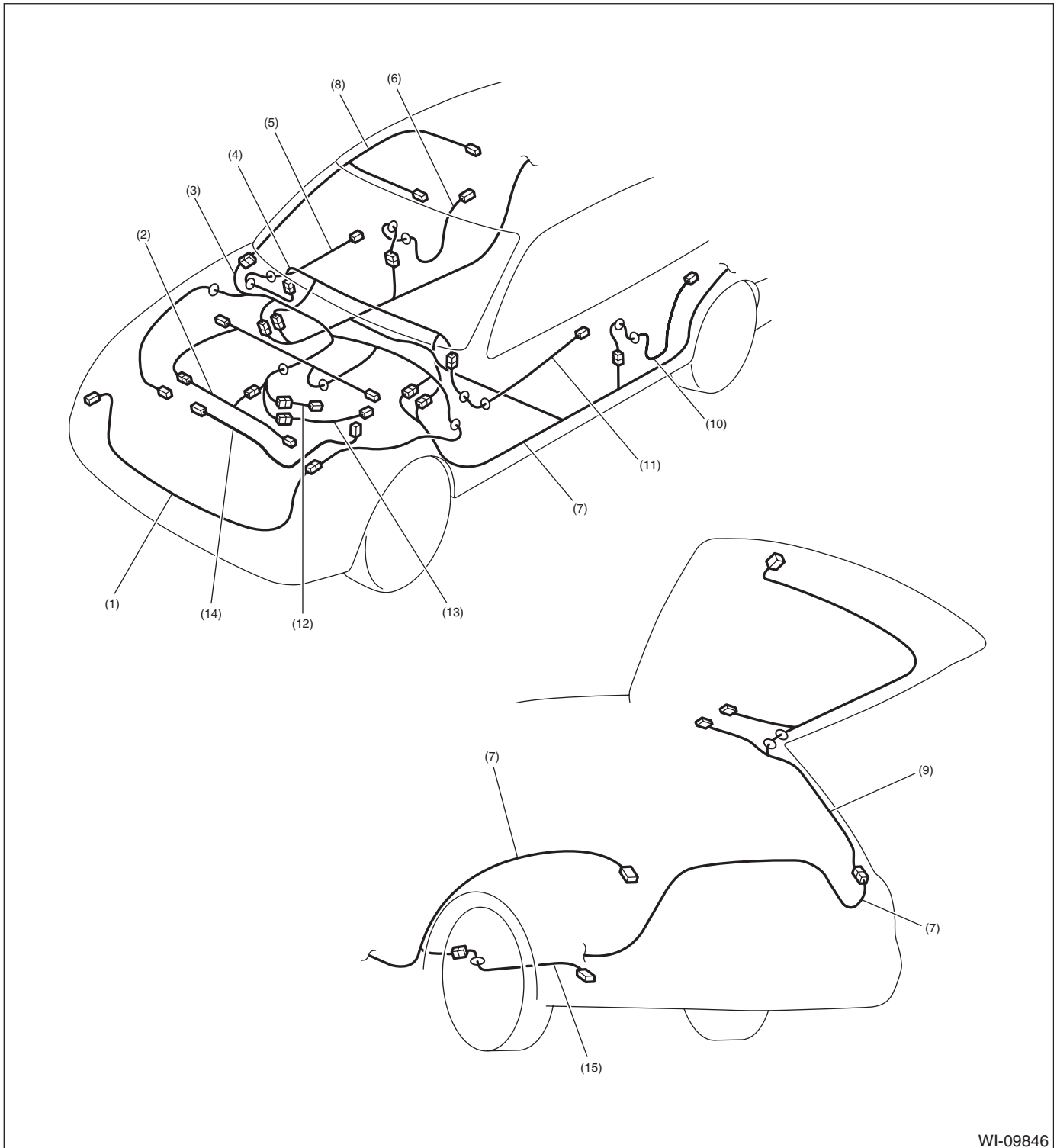
1. SEDAN MODEL



WI-09845

- | | | |
|-------------------------------------|-------------------------|------------------------------|
| (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 | (15) Fuel cord |

2. WAGON MODEL



WI-09846

- | | | |
|-------------------------------------|-------------------------|------------------------------|
| (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 | (15) Fuel cord |

Front Wiring Harness

WIRING SYSTEM

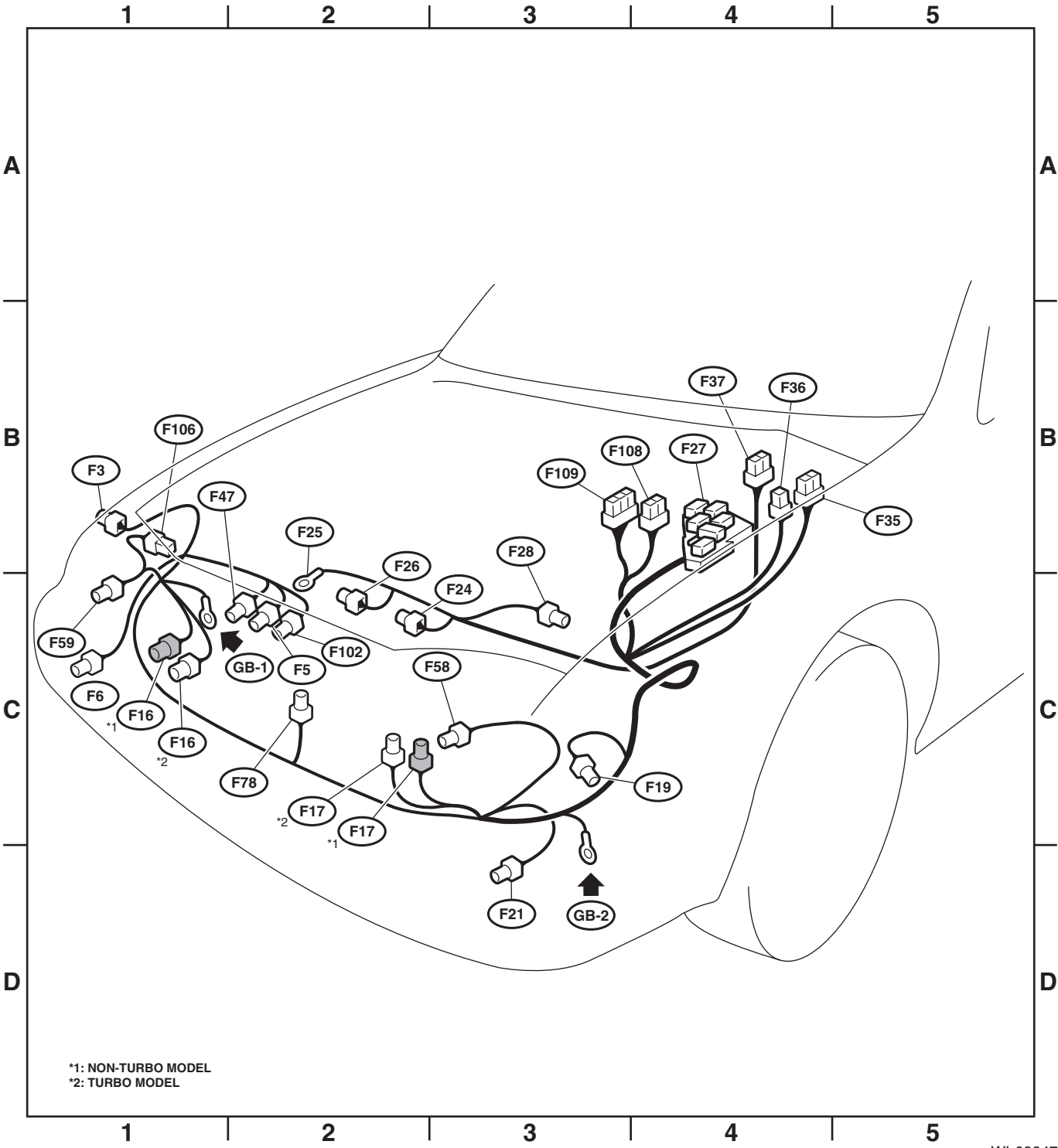
53.Front Wiring Harness

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
F3	3	★	B-1		Front clearance and front turn signal light RH
F5	1	★	C-2		Horn (HI)
F6	2	★	C-1		Front fog light RH
F16	2	Gray	C-1		Sub fan motor (H4 Turbo model)
		Black			Sub fan motor (H4 Non-turbo model)
F17	2	Gray	C-2		Main fan motor (H4 Turbo model)
		Black			Main fan motor (H4 Non-turbo model)
F19	3	★	C-4		Front clearance and front turn signal light LH
F21	2	★	D-3		Front fog light LH
F24	2	Gray	C-2		A/C compressor (H4 Non-turbo model)
		Black			A/C compressor (H6 model)
F25	1	★	B-2		Generator terminal B
F26	3	★	C-2		Generator
F27	31	★	B-4		Relay holder
F28	2	Gray	C-3		A/C lock sensor
F35	12	Blue	B-5		Main fuse box (M/B)
F36	7	★	B-4		
F37	20	★	B-4		
F47	1	★	B-2		Horn (LO)
F58	3	★	C-3		Headlight and front clearance light LH
F59	3	★	C-1		Headlight and front clearance light RH
F78	2	Black	C-2		Ambient sensor
F102	2	★	C-2		Keyless buzzer
F106	3	★	B-1		PWM controller (H6 model)
F108	18	★	B-4	B361	Through joint connector
F109	24	★	B-3	B360	
★ : White or natural color					

Front Wiring Harness

WIRING SYSTEM



WI-09847

Bulkhead Wiring Harness (In Engine Compartment)

WIRING SYSTEM

54. Bulkhead Wiring Harness (In Engine Compartment)

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B3	5	Black	B-2		Air flow sensor
B6	2	Black	B-2		Front ABS wheel speed sensor RH
B8	5	Black	B-4		Front wiper motor
B10	4	Gray	B-4		A/C pressure switch
B11	20	Gray	B-3	T4	Transmission (AT model)
B12	8	Brown	B-3	T3	Transmission (Turbo model)
	12	Gray			Transmission (H4 Non-turbo model)
B14	1	Black	B-3		Starter (Magnet)
B15	2	Black	B-4		Front ABS wheel speed sensor LH
B16	2	Gray	B-4		Brake fluid level switch
B18	4	Gray	B-3		Front oxygen (A/F) sensor
B19	4	Green	B-2	T5	Rear oxygen sensor cord (Turbo model)
B20	16	Brown	B-3	E1	Engine wiring harness
B21	54	Black	B-3	E2	
B22	16	Brown	B-3	E3	Engine wiring harness (H6 model)
B24	2	Gray	B-3	T1	Back-up light switch (MT model)
B25	2	Brown	B-4	T2	Neutral position switch (MT model)
B128	4	Gray	B-3	T9	Transmission harness (MT model)
B143	20	★	B-4		Main fuse box (M/B)
B144	9	Brown	B-4		
B145	7	Brown	B-4		
B146	2	Gray	C-4		Front washer motor
B147	2	Gray	C-4		Rear washer motor
B186	8	★	B-4		Main fuse box (M/B)
B301	26	Black	B-2		ABS control module
B310	42	Black	B-2		VDC control module
B312	2	Black	B-2	B347	Shield joint connector (VDC)
B347	2	Black	B-2	B312	
B348	3	Black	B-2		Pressure sensor
B360	16	Gray	B-4	F109	Through joint connector
B361	14	Gray	B-4	F108	
B392	2	Gray	B-3		Exhaust temperature sensor

★ : White or natural color

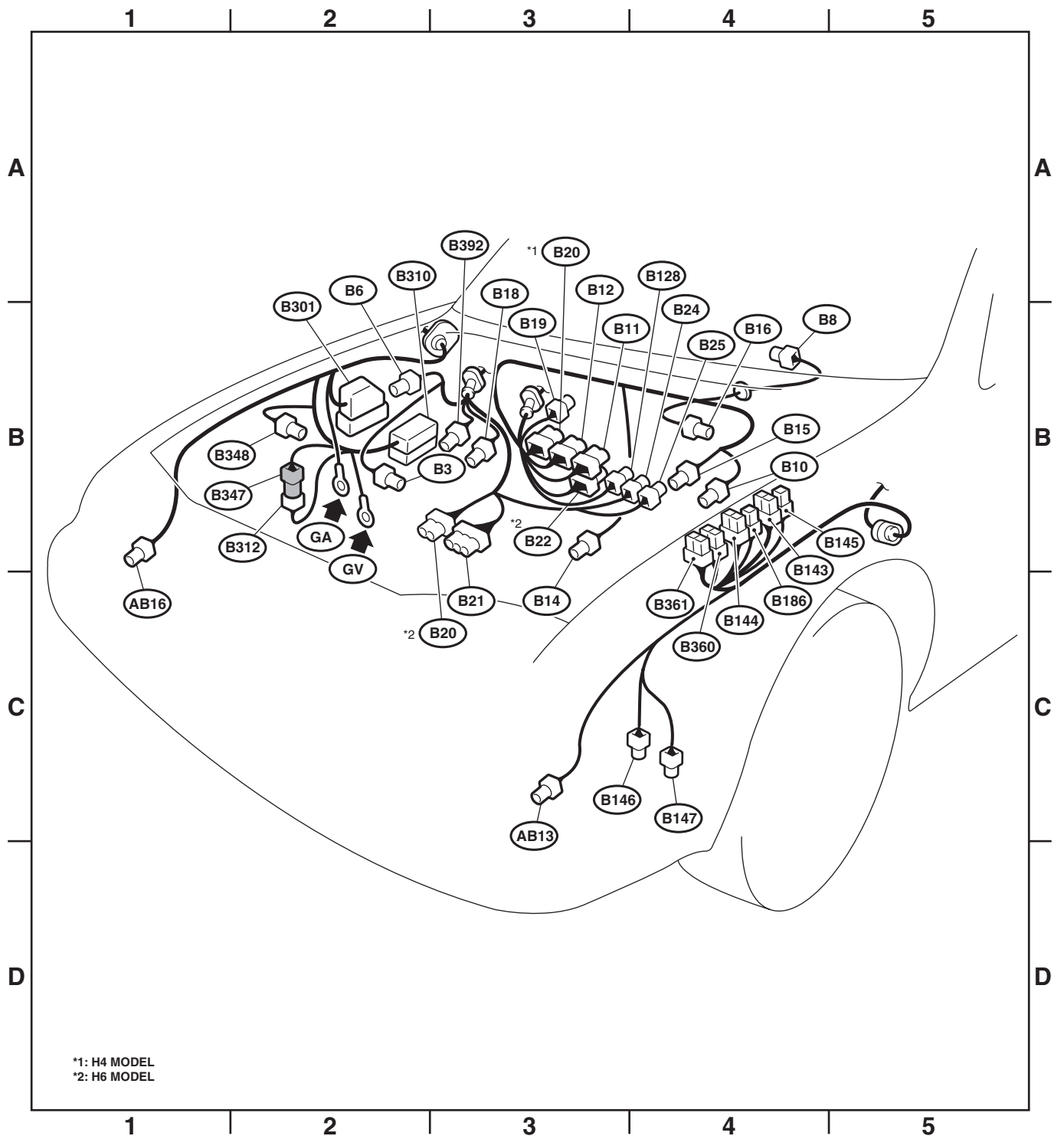
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB13	2	Black	C-3		Front sub sensor LH
AB16	2	Black	B-1		Front sub sensor RH

★ : White or natural color

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E3	16	Brown	B-3	B22	Bulkhead wiring harness
E24	4	Light gray	B-4		Front oxygen (A/F) sensor LH
E25	4	Dark gray	B-4		Rear oxygen sensor LH
E47	4	Light gray	B-3		Front oxygen (A/F) sensor RH
E61	4	Dark gray	B-3		Rear oxygen sensor RH

Bulkhead Wiring Harness (In Engine Compartment)

WIRING SYSTEM



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Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM

55.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 & hazard unit
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	Black	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	★	C-3		TCM
B55	24	Gray	C-3		TCM (5AT model)
	31	★			TCM (4AT model)
B65	4	Black	B-3		Stop and brake switch (Models 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	★	B-3		Ignition switch
B75	2	Green	C-4	B76	Test mode connector
B76	2	Green	C-4	B75	
B77	7	Green	B-4		Mode actuator (Manual A/C)
B83	8	★	C-5		Joint connector
B85	2	Black	B-2		Diode (Light)
B86	4	★	B-4		Blower fan controller (Auto A/C) * Blower resistor (Manual A/C)
B87	2	★	B-5		Blower fan motor
B88	5	★	B-5		Evaporator thermo switch (Manual A/C)
	2				Evaporator thermo switch (Auto A/C)
B90	16	★	B-5	R50	Roof cord
B91	7	Green	B-4		FRESH/RECIRC actuator
B96	8	Black	B-1		Daytime running light control module

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
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	12	★	D-4		AT select lever
B122	8	★	C-5		Joint connector (E/G)
B134	34	★	C-4		ECM
B135	35	★	C-4		
B136	35	★	C-4		
B137	31	★	C-4		
B138	8	★	C-5		Joint connector (H6 model and H4 Non-turbo model)
B152	10	Gray	C-2		Fuse & relay box (F/B)
B158	8	★	C-2		
B159	9	Brown	C-2		
B177	2	★	B-4		Wiper deicer
B224	2	★	B-4		Key switch illumination
B225	40	Black	C-2		Fuse (Relay block)
					Mirror heater relay
					Starter relay
					Front fog light relay
					Power window relay
					Blower fan relay
					Daytime running light relay
					Wiper deicer relay
					Seat heater relay
B228	15	★	B-2		OP connector
B229	2	Black	B-1		Diode (Parking brake)
B230	6	Black	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

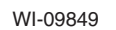
Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B315	6	Black	B-3		Accelerator pedal position sensor
B327	6	Brown	B-5		Oxygen sensor relay
B350	4	★	B-3		Key lock solenoid
B351	2	Black	B-4		Antenna
B352	8	★	C-3		CAN joint connector
B355	8	★	B-3		CAN joint connector (TCM)
B356	4	Black	C-3		BACK-UP LIGHT RELAY (5AT MODEL)
B357	4	Black	C-3		PV-IGN relay (5AT model)
B359	3	Black	D-4		Lateral G sensor (5AT model)
B362	8	Black	B-5		Relay holder
B370	2	Black	C-1		Diode (Engine status)
B373	2	★	B-1		Fuse & relay box (F/B)
B390	7	Green	B-3		Driver seat air mix actuator (Auto A/C)
★ : White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB1	12	Yellow	C-1	B31	Airbag wiring harness
AB2	4	Yellow	B-4	AB7	Inflator (Driver seat)
AB6	28	Yellow	C-4		Airbag control module
AB9	4	Yellow	B-5	AB10	Inflator (Passenger's seat)
★ : White or natural color					

WIRING SYSTEM



56.Engine Wiring Harness and Transmission Cord

A: LOCATION

1. 2.5 L NON-TURBO MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E2	54	Black	A-2	B21	Bulkhead wiring harness
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
E10	2	Light gray	B-3		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E12	4	Dark gray	A-2		Ignition coil and ignitor assembly
E14	2	Gray	B-4		Knock sensor 1
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 solenoid valve
E19	1	★	B-2		Power steering oil pressure switch
E21	3	Black	A-3		Manifold absolute pressure sensor
E22	6	Dark gray	A-1		Front oxygen (A/F) sensor
E23	4	Dark gray	A-1		Rear oxygen sensor
E48	2	Blue	A-4		Knock sensor 2
E57	6	Black	A-3		Electronic throttle control
E61	2	Dark gray	A-4		Blow-by hose diagnosis (PCV)
E67	2	Blue	A-2		Intake VVL solenoid RH
E68	2	Blue	B-5		Intake VVL solenoid LH
E71	1	Gray	A-3		Variable valve lift diagnosis oil pressure switch RH
E72	1	Gray	B-5		Variable valve lift diagnosis oil pressure switch LH
E75	2	Black	B-3		Oil temperature sensor
★ : White or natural color					

AT model

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T3	12	Black	D-3	B12	Bulkhead wiring harness
T4	20	Gray	D-4	B11	
T7	12	Black	D-5		Inhibitor switch
★ : White or natural color					

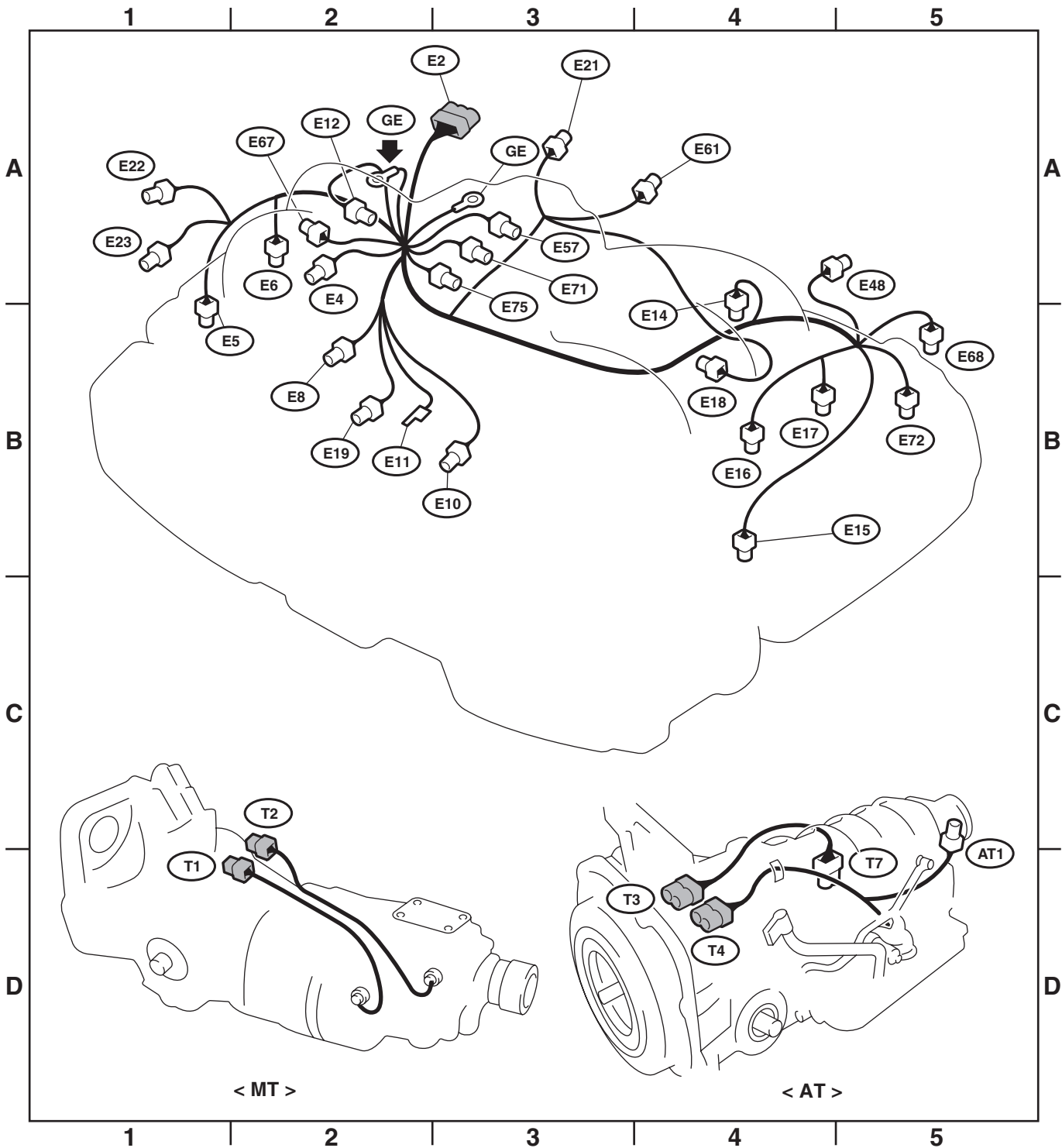
Engine Wiring Harness and Transmission Cord

WIRING SYSTEM

MT model

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T1	2	Gray	D-1	B24	Bulkhead wiring harness
T2	2	Brown	C-2	B25	

★ : White or natural color



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2. 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
E10	2	Light gray	B-3		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E14	2	Brown	B-3		Knock sensor
E16	2	Light gray	B-4		Fuel injector No. 2
E17	2	Black	B-5		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-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-3		Intake oil flow control solenoid valve LH
E38	2	Blue	B-1		Intake oil flow control solenoid valve RH
E50	3	Black	B-4		TGV angle sensor LH
E51	2	Black	B-4		TGV LH
E54	3	Black	A-2		TGV angle sensor RH
E55	2	Black	A-1		TGV RH
E61	2	Gray	B-3		Blow-by hose diagnosis (PCV)
E57	6	Black	A-3		Electronic throttle control
E64	2	Blue	A-3		Wastegate control solenoid
★ : White or natural color					

AT model

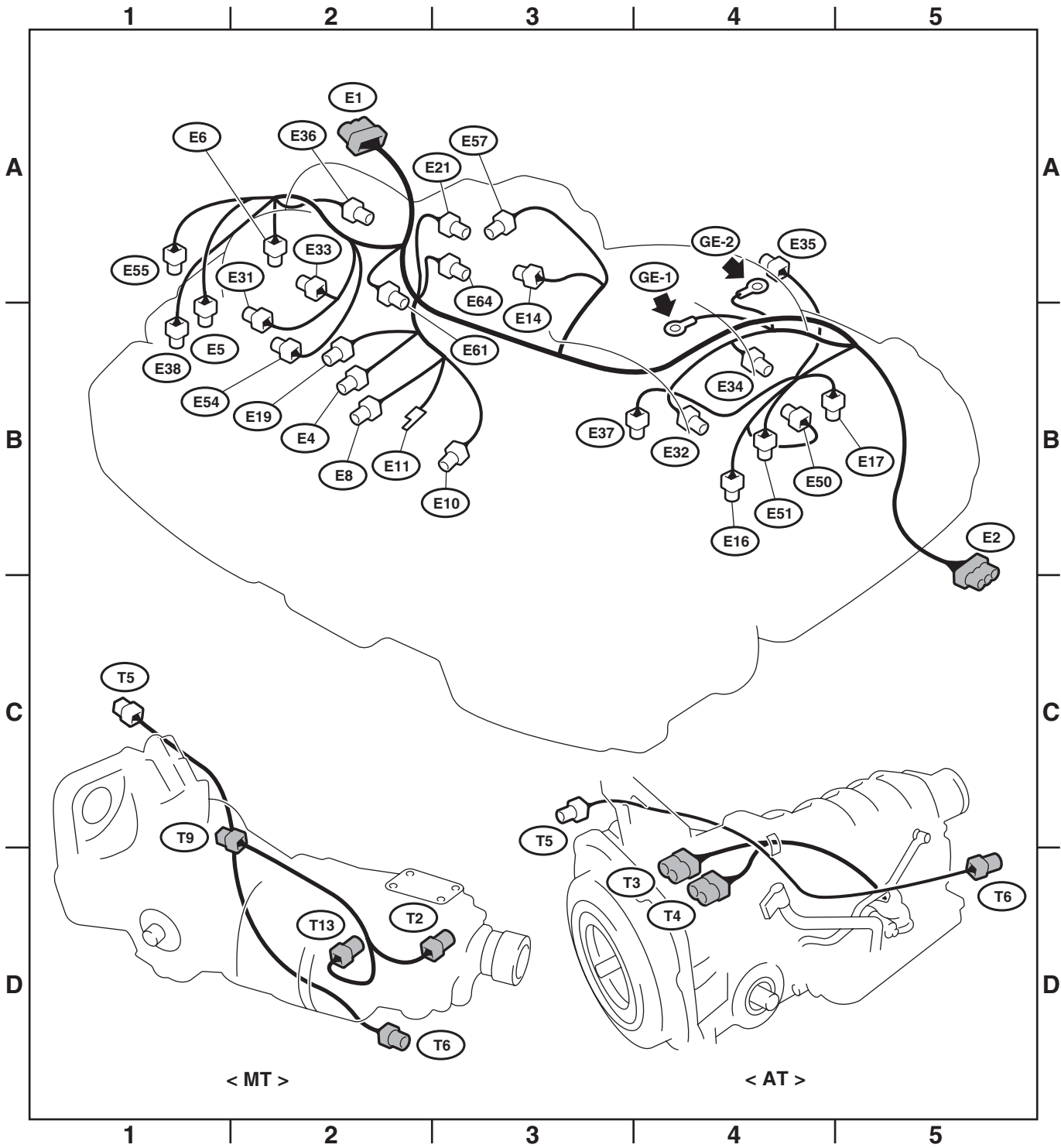
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T3	8	Brown	D-4	B12	Bulkhead wiring harness
T4	20	Gray	D-4	B11	
T5	4	Green	C-3	B19	
T6	4	Dark gray	D-5		Rear oxygen sensor
★ : White or natural color					

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM

MT model

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T2	2	Brown	D-3		Neutral switch
T5	4	Green	C-1	B19	Bulkhead wiring harness
T6	4	Dark gray	D-3		Rear oxygen sensor
T9	4	Gray	C-1	B128	Bulkhead wiring harness
T13	2	Gray	D-2		Back-up light switch



Engine Wiring Harness and Transmission Cord

WIRING SYSTEM

3. 3.0 L MODEL

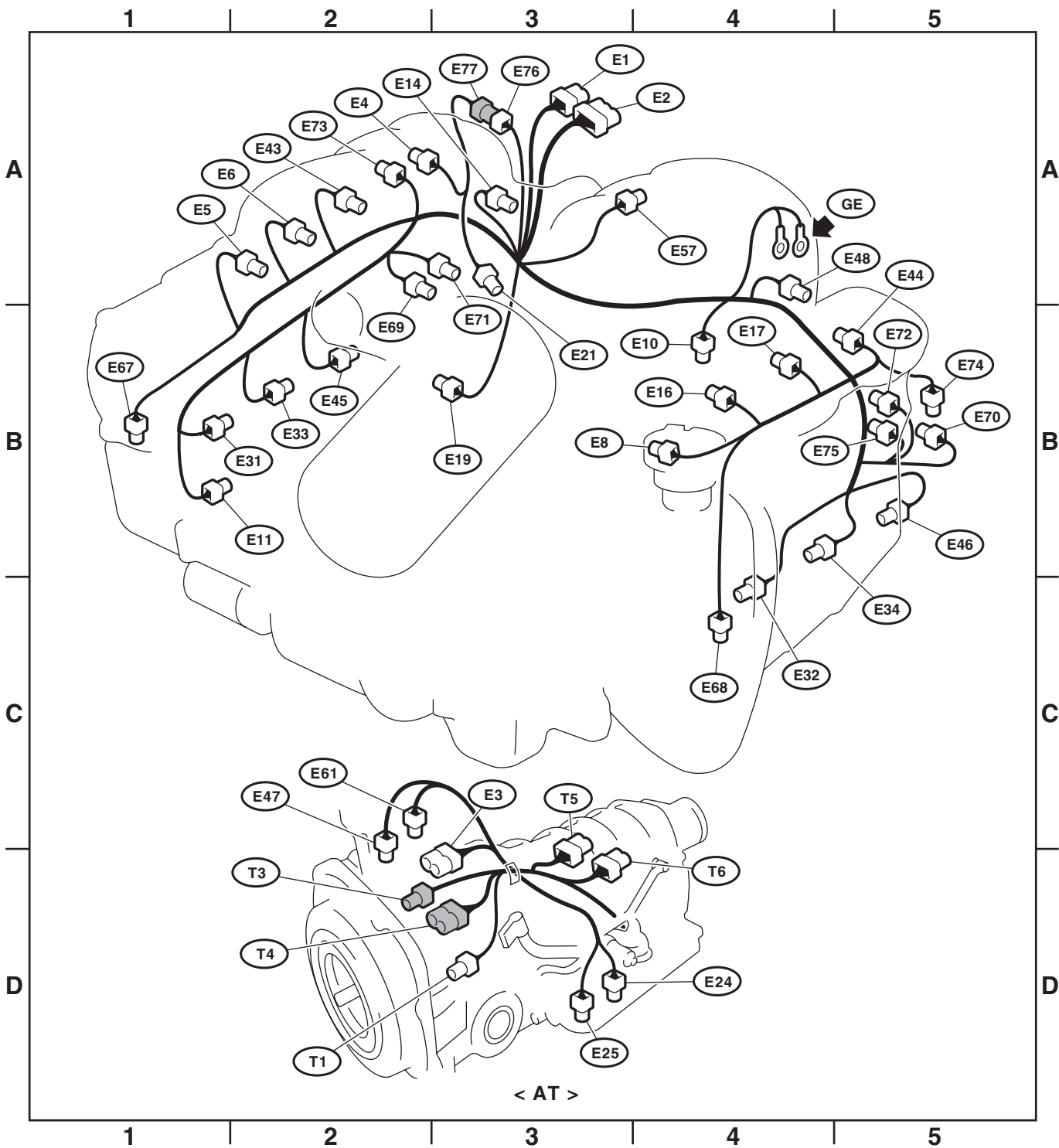
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E1	16	Brown	A-3	B20	Bulkhead wiring harness
E2	54	Black	A-3	B21	
E4	2	Blue	A-2		CPC Solenoid
E5	2	Dark gray	A-1		Fuel injector No. 1
E6	2	Dark gray	A-2		Fuel injector No. 3
E8	2	Black	B-4		Engine coolant temperature sensor
E10	2	Light gray	B-3		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E14	2	Blue	A-2		Knock sensor 1
E16	2	Dark gray	B-4		Fuel injector No. 2
E17	2	Dark gray	B-4		Fuel injector No. 4
E19	1	★	B-3		Power steering oil pressure switch
E21	3	Black	A-3		Intake manifold pressure sensor
E24	4	Light gray	D-3		Front oxygen (A/F) sensor LH
E25	4	Light gray	D-3		Rear oxygen sensor LH
E31	3	Black	B-2		Ignition coil No. 1
E32	3	Black	C-4		Ignition coil No. 2
E33	3	★	B-2		Ignition coil No. 3
E34	3	★	C-5		Ignition coil No. 4
E43	2	Dark gray	A-2		Fuel injector No. 5
E44	2	Dark gray	A-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	Dark gray	D-2		Front oxygen (A/F) sensor RH
E48	2	Blue	A-5		Knock sensor 2
E57	6	Black	A-4		Electronic throttle control
E61	4	Dark gray	D-2		Rear oxygen sensor RH
E67	2	Black	B-1		Intake oil flow control solenoid valve RH
E68	2	Black	C-4		Intake oil flow control solenoid valve LH
E69	2	Blue	B-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	6	Dark gray	A-3	E77	Engine harness
E77	6	Dark gray	A-3	E76	

★ : White or natural color

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T1	3	Black	D-3		Torque converter turbine speed sensor 1
T3	8	Black	D-2	B12	Bulkhead wiring harness
T4	20	Gray	D-2	B11	
T5	16	Green	D-3		Control valve assembly
T6	12	Green	D-3		

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM



WI-09852

57.Instrument Panel Wiring Harness

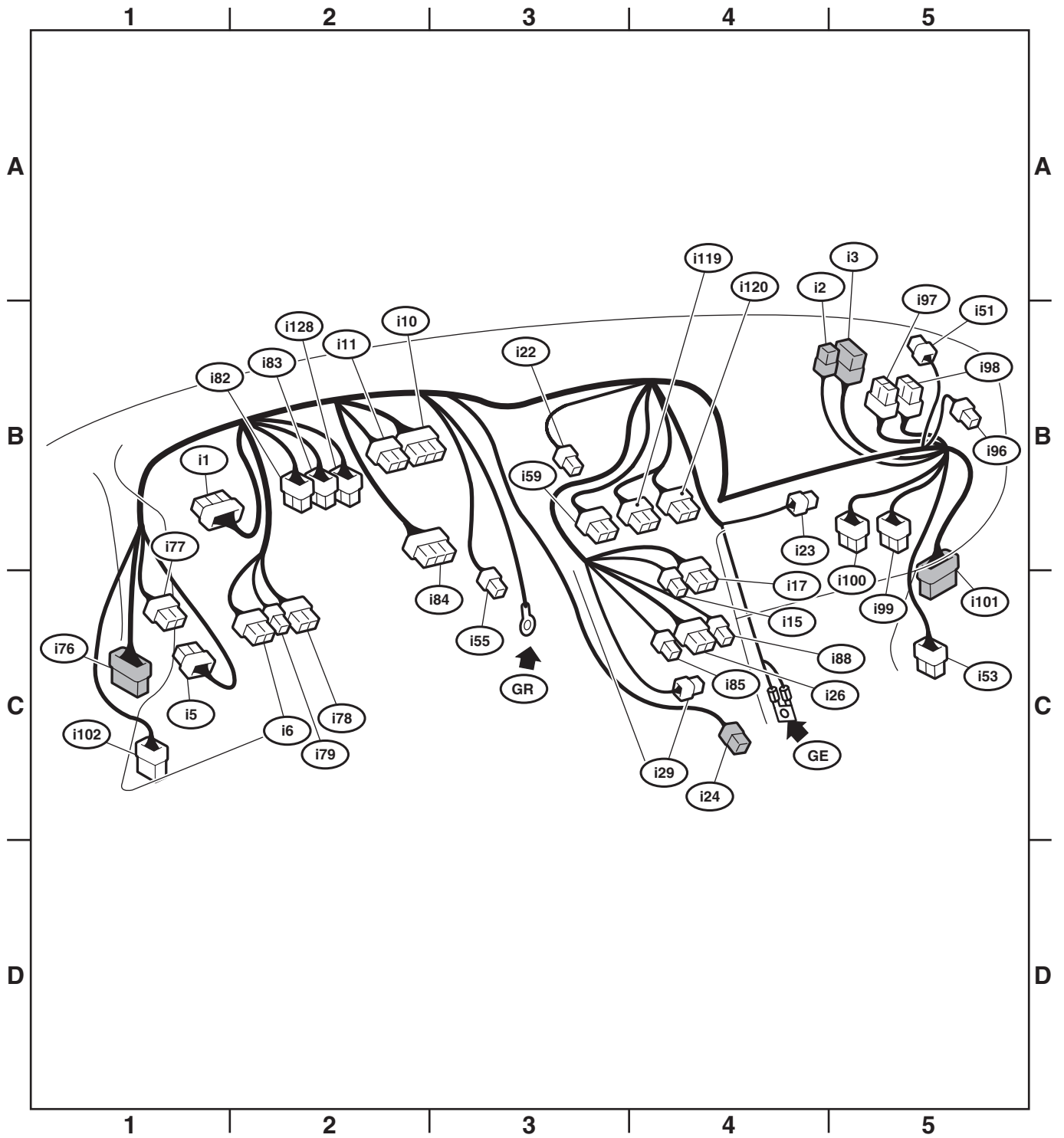
A: LOCATION

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	Green	B-2		Combination meter
i11	14	Green	B-2		
i15	6	★	C-4		A/C control panel (Manual A/C)
i17	16	Black	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		Sunload sensor
i53	18	★	C-5	R98	Rear wiring harness
i55	2	★	C-3		In-vehicle sensor
i59	10	★	B-3		Clock
i76	25	★	C-1	D83	Front door cord LH
i77	12	Black	B-1		Joint connector
i78	15	★	C-2		Push switch
i79	6	★	C-2		Illumination control module
i82	12	★	B-2		Joint connector (Illumination and backup)
i83	12	★	B-2		
i84	35	Gray	C-3		Body integrated unit
i85	8	★	C-4		Audio
i88	8	★	C-4		A/C control pane (Auto A/C)
i96	8	★	B-5		Keyless entry control module
i97	12	★	B-5		Joint ground connector
i98	12	★	B-5		
i99	12	Black	B-5		
i100	12	Black	B-5		
i101	25	★	C-5	D84	Front door cord RH
i102	16	★	C-1	R167	Rear wiring harness
i119	16	★	B-4		TV monitor
i120	20	★	B-4		
i128	12	Blue	B-2		CAN joint connector

★ : White or natural color

Instrument Panel Wiring Harness

WIRING SYSTEM



WI-09853

58.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-1	B98	
R4	1	Black	C-3		Parking brake switch
R8	4	★	C-4		Front seat belt switch LH
R9	3	★	C-4		Front door switch LH
R10	8	★	B-3	D22	Rear door cord RH
R12	3	★	B-3		Front door switch RH
R13	8	★	C-4	D28	Rear door cord LH
R15	8	★	B-4	R213	Fuel cord 1
R16	3	★	B-4		Rear door switch RH
R41	4	★	C-4		Seat heater LH
R43	20	★	C-3		Seat heater switch
R44	4	★	C-2		Seat heater RH
R46	6	★	B-4	R67	Fuel cord 2
R50	16	★	B-2	B90	Bulkhead wiring harness
R51	2	Black	B-3		Vanity mirror illumination RH
R52	3	★	B-3		Room light
R54	2	Black	B-4		Vanity mirror illumination LH (Without home link)
	3	★			Vanity mirror illumination LH (With home link)
R55	10	Gray	A-3		Sunroof control unit
R56	2	★	A-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 RH
R109	2	Black	B-4		Power seat RH
R128	5	★	A-3		Open/Close switch
R142	2	★	C-5		Fuel pump condenser (Without fuel pump controller unit)
R150	6	Gray	B-2		Seatbelt and airbag warning light
R167	16	★	C-3	i102	Instrument panel wiring harness LH
R168	20	★	C-3		Fuse & relay box (F/B)
R169	8	★	B-3		Impact sensor
R187	5	Black	B-3		Tilt switch
R188	2	Black	C-4		Power seat LH
R211	12	★	C-4		TPM control module
R226	10	★	C-4		Navigation module
R242	5	★	A-4		Sunroof switch 2
★ : White or natural color					

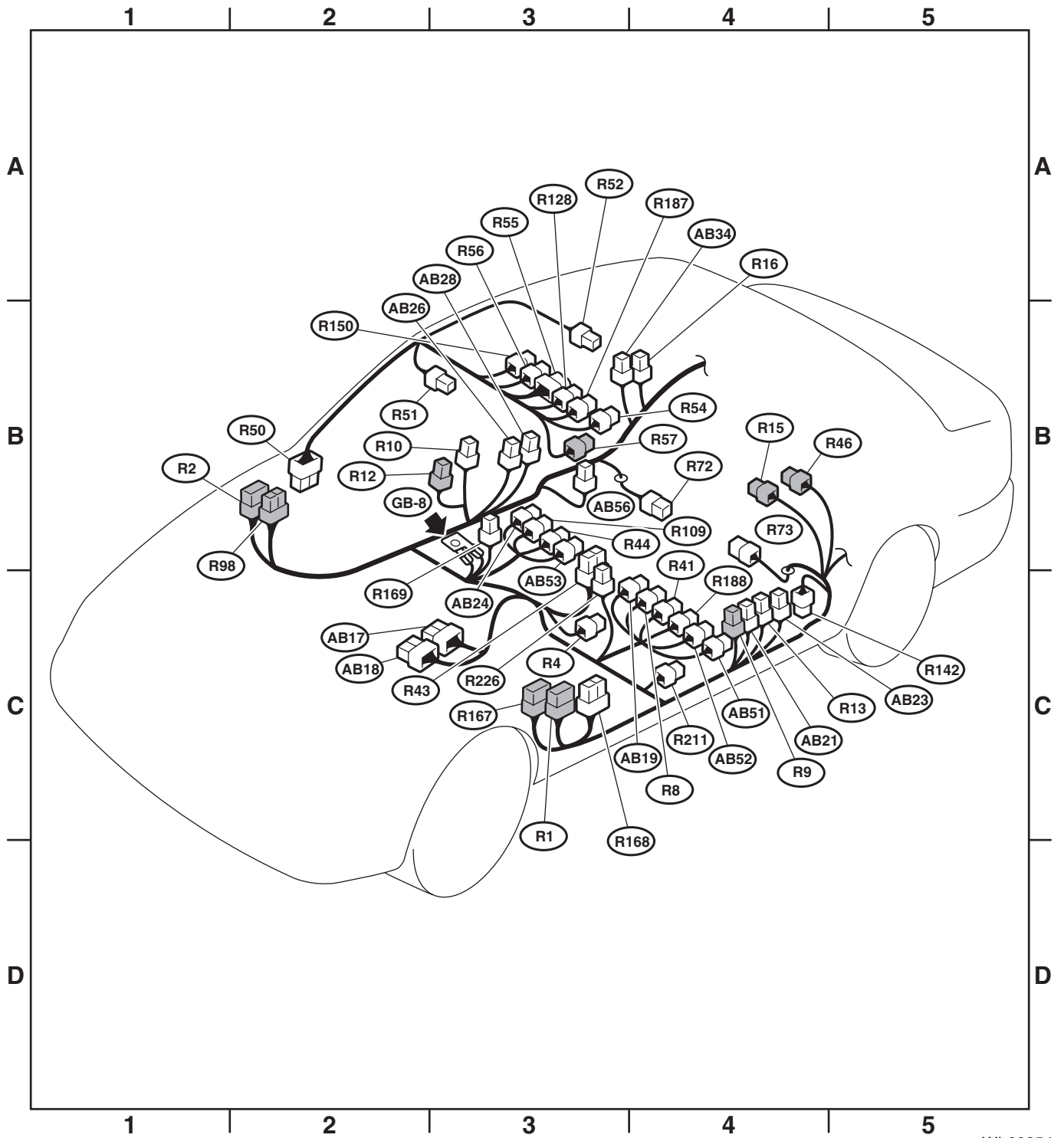
Rear Wiring Harness

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB17	20	Yellow	C-2		Airbag control module RH
AB18	20	Yellow	C-2		Airbag control module LH
AB19	2	Yellow	C-4	AB20	Inflator (Side) LH
AB21	2	★	C-4		Pretensioner LH
AB23	4	Yellow	C-5		Side airbag sensor LH
AB24	2	Yellow	B-3	AB25	Inflator (Side) RH
AB26	2	Black	B-2		Pretensioner RH
AB28	4	Yellow	B-3		Side airbag sensor RH
AB34	4	Yellow	B-4		Curtain airbag sensor RH
AB51	2	Yellow	C-4		Buckle switch
AB52	2	Yellow	C-4		Seat position
AB53	6	Gray	C-3		Occupant detection control module
AB56	3	Brown	B-3		Belt tensioner sensor
★ : White or natural color					

Rear Wiring Harness

WIRING SYSTEM



WI-09854

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	
R4	1	Black	C-3		Parking brake switch
R8	4	★	C-3		Front seat belt switch LH
R9	3	★	C-4		Front door switch LH
R10	8	★	B-2	D22	Rear door cord LH
R12	3	★	B-2		Front door switch RH
R13	8	★	C-4	D28	Rear door cord RH
R15	8	★	B-4	R213	Fuel cord 1
R16	3	★	A-3		Rear door switch RH
R41	4	★	C-3		Seat heater LH
R43	20	★	B-3		Seat heater switch
R44	4	★	B-3		Seat heater RH
R46	6	★	B-5	R67	Fuel cord 2
R50	16	★	B-1	B90	Bulkhead wiring harness
R51	2	Black	A-2		Vanity mirror illumination RH
R52	3	★	A-3		Room light
R54	2	Black	B-3		Vanity mirror illumination LH (Without home link)
	3	★			Vanity mirror illumination LH (With home link)
R55	2	★	A-2		Sunroof cord
R56	2	★	A-2		Spot map light
R57	3	★	A-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 RH
R109	2	★	B-3		Power seat RH
R142	2	★	C-5		Fuel pump condenser (Without fuel pump control unit)
R150	6	Gray	A-3		Seatbelt and airbag warning light
R167	16	★	C-2	i102	Instrument panel wiring harness LH
R168	20	★	C-3		Fuse & relay box (F/B)
R169	8	★	B-2		Impact sensor
R188	2	★	C-4		Power seat LH
R211	12	★	C-4		TPM control module
R226	10	★	C-3		Navigation module

★ : White or natural color

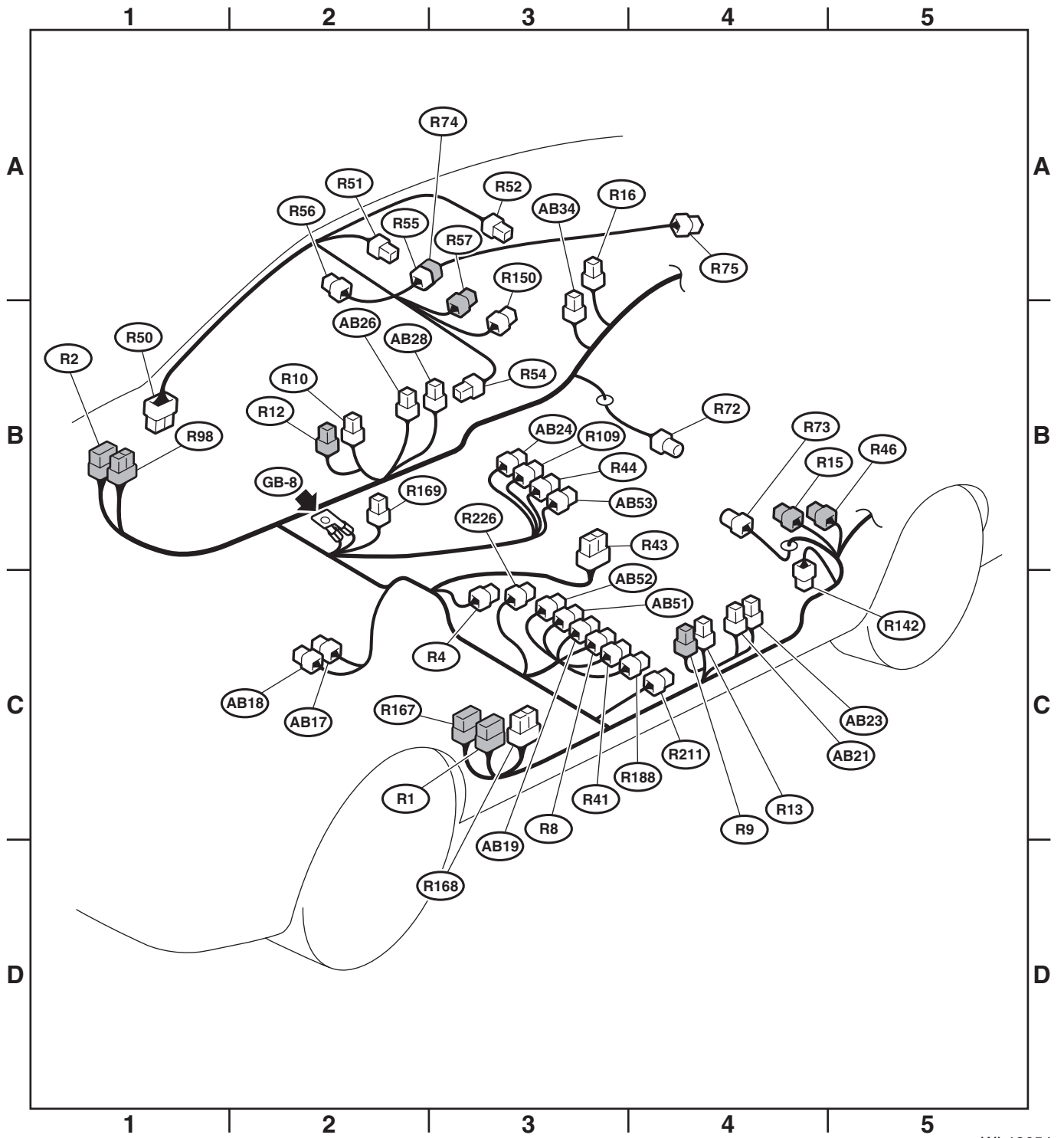
Rear Wiring Harness

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB17	20	Yellow	C-2		Airbag control module RH
AB18	20	Yellow	C-2		Airbag control module LH
AB19	2	Yellow	C-3	AB20	Inflator (Side) LH
AB21	2	Black	C-4		Pretensioner LH
AB23	4	Yellow	C-4		Side airbag sensor LH
AB24	2	Yellow	B-3	AB25	Inflator (Side) RH
AB26	2	Black	B-2		Pretensioner RH
AB28	4	Yellow	B-3		Side airbag sensor RH
AB34	4	Yellow	B-3		Curtain airbag sensor RH
AB51	2	Yellow	C-3		Buckle switch
AB52	2	Yellow	C-3		Seat position
★ : White or natural color					

Rear Wiring Harness

WIRING SYSTEM



WI-18654

59. Door Cord

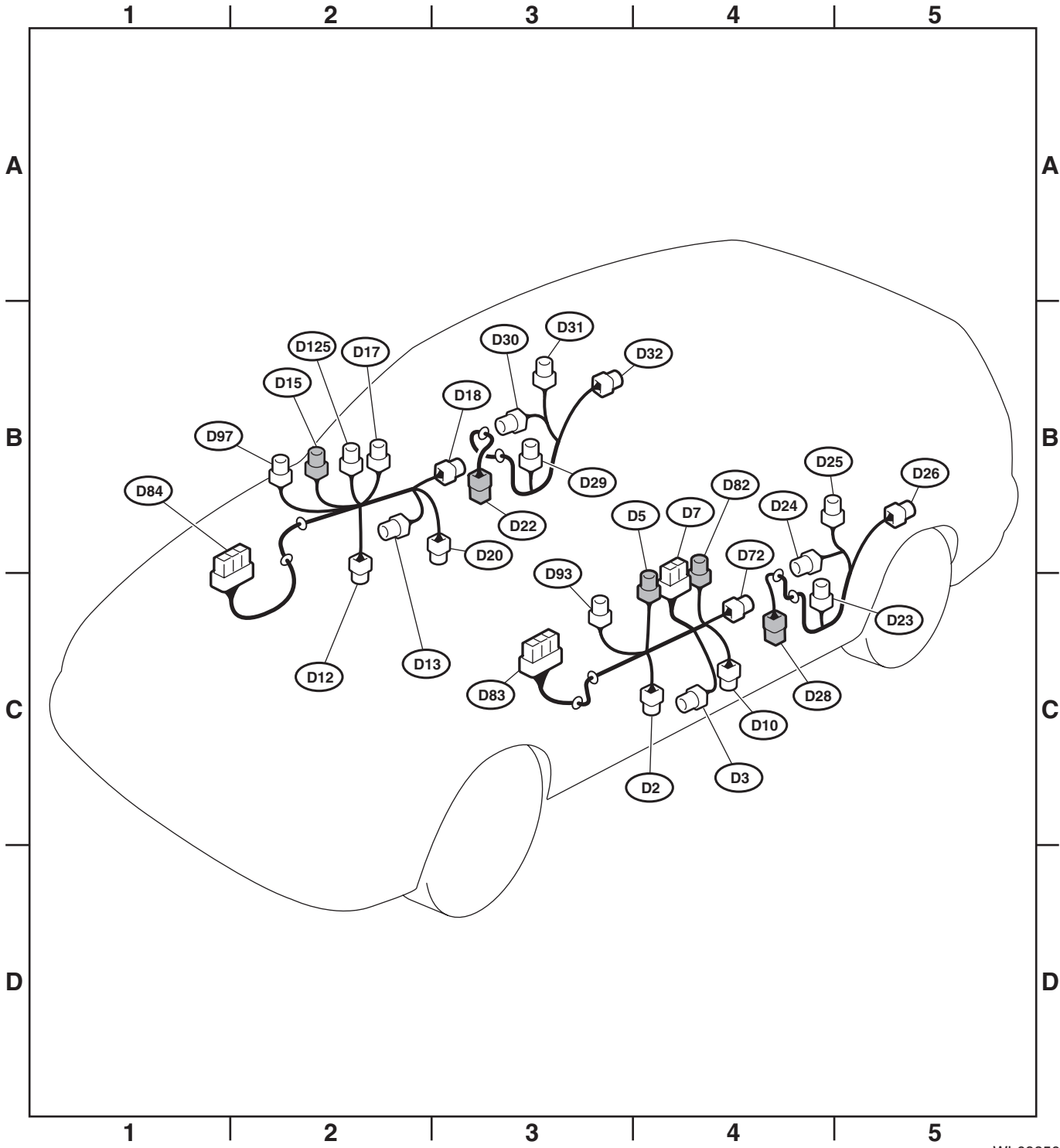
A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
D2	2	★	C-4		Front door speaker LH
D3	2	Gray	C-4		Front power window motor LH
D5	6	★	B-4		Remote control mirror LH (without side turn)
	8				Remote control mirror LH (with side turn)
D7	14	★	B-4		Power window main switch
D10	2	★	C-4		Front step light LH
D12	2	★	C-2		Front door speaker RH
D13	2	Gray	C-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	Gray	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	Black	C-5		Rear door speaker LH
D24	2	Green	B-4		Rear power window motor LH
D25	5	★	B-5		Rear power window sub-switch LH
D26	2	Gray	B-5		Rear door lock actuator LH
D28	8	★	C-4	R13	Rear wiring harness LH
D29	2	Black	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	Gray	B-4		Rear door lock actuator RH
D72	2	Gray	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's seat door lock switch

★ : White or natural color

Door Cord

WIRING SYSTEM



WI-09856

60.Rear Wiring Harness and Trunk Lid Cord

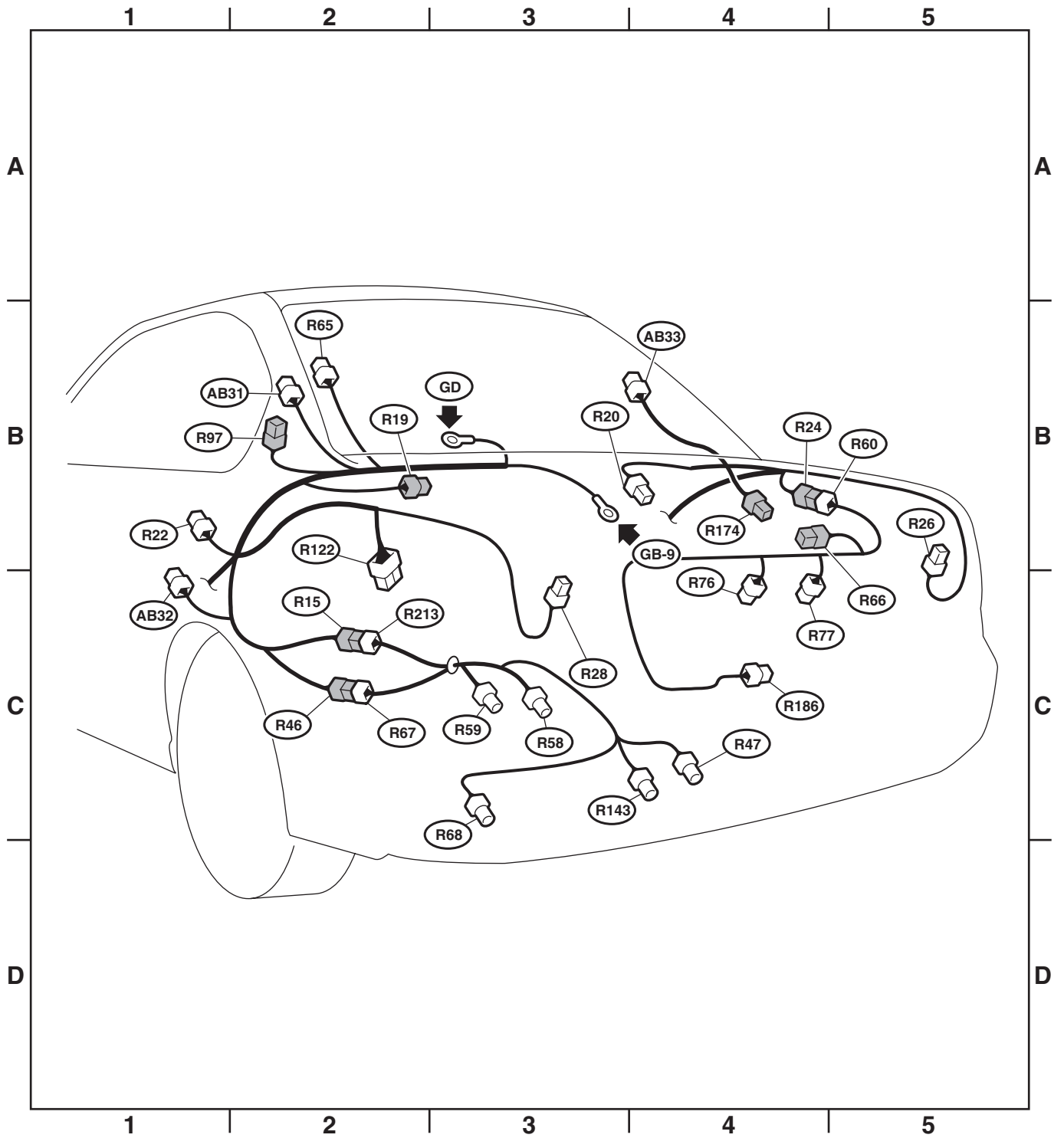
A: LOCATION

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	R67	Fuel cord 2
R47	3	Black	C-4		Fuel tank pressure sensor
R58	6	Gray	C-3		Fuel pump assembly
R59	2	★	C-3		Fuel gauge sub unit
R60	8	★	B-4	R24	Rear wiring harness
R65	1	★	B-2		Rear defogger
R66	2	★	B-4		High-mounted stop light (Rear spoiler)
R67	6	★	C-2	R46	Rear wiring harness
R68	2	Dark 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		Radio antenna
R122	10	★	C-2		Fuel pump control unit
R143	2	Gray	C-4		Drain valve
R174	1	★	B-4		Noise filter
R186	3	★	C-4		Trunk lid actuator
R213	8	★	C-2		Rear wiring harness
★ : White or natural color					

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

Rear Wiring Harness and Trunk Lid Cord

WIRING SYSTEM



WI-09857

61.Rear Wiring Harness and Rear Gate Cord

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R15	8	★	C-1	R213	Fuel cord 1
R22	3	★	C-1		Rear door switch LH
R26	4	★	C-4		Rear combination light RH
R28	4	★	C-3		Rear combination light LH
R32	2	★	C-2		Luggage room power supply
R37	3	★	C-4	D33	Rear gate cord
R38	8	★	C-5	D34	
R39	10	★	C-5	D35	
R46	6	★	D-1	R67	Fuel cord 2
R47	3	Black	C-4		Fuel tank pressure sensor
R58	6	Gray	D-2		Fuel pump assembly
R59	2	★	D-2		Fuel gauge sub unit
R67	6	★	D-2	R46	Rear wiring harness
R68	2	Dark gray	D-3		Pressure control solenoid valve
R79	6	★	B-2		Trailer connector
R97	1	★	B-2		Antenna amplifier
R117	2	★	C-3		Woofer
R122	10	Black	C-2		Fuel pump control unit
R143	2	Gray	C-4		Fuel tank sensor control valve
R213	8	★	C-1	R15	Rear wiring harness
★ : White or natural color					

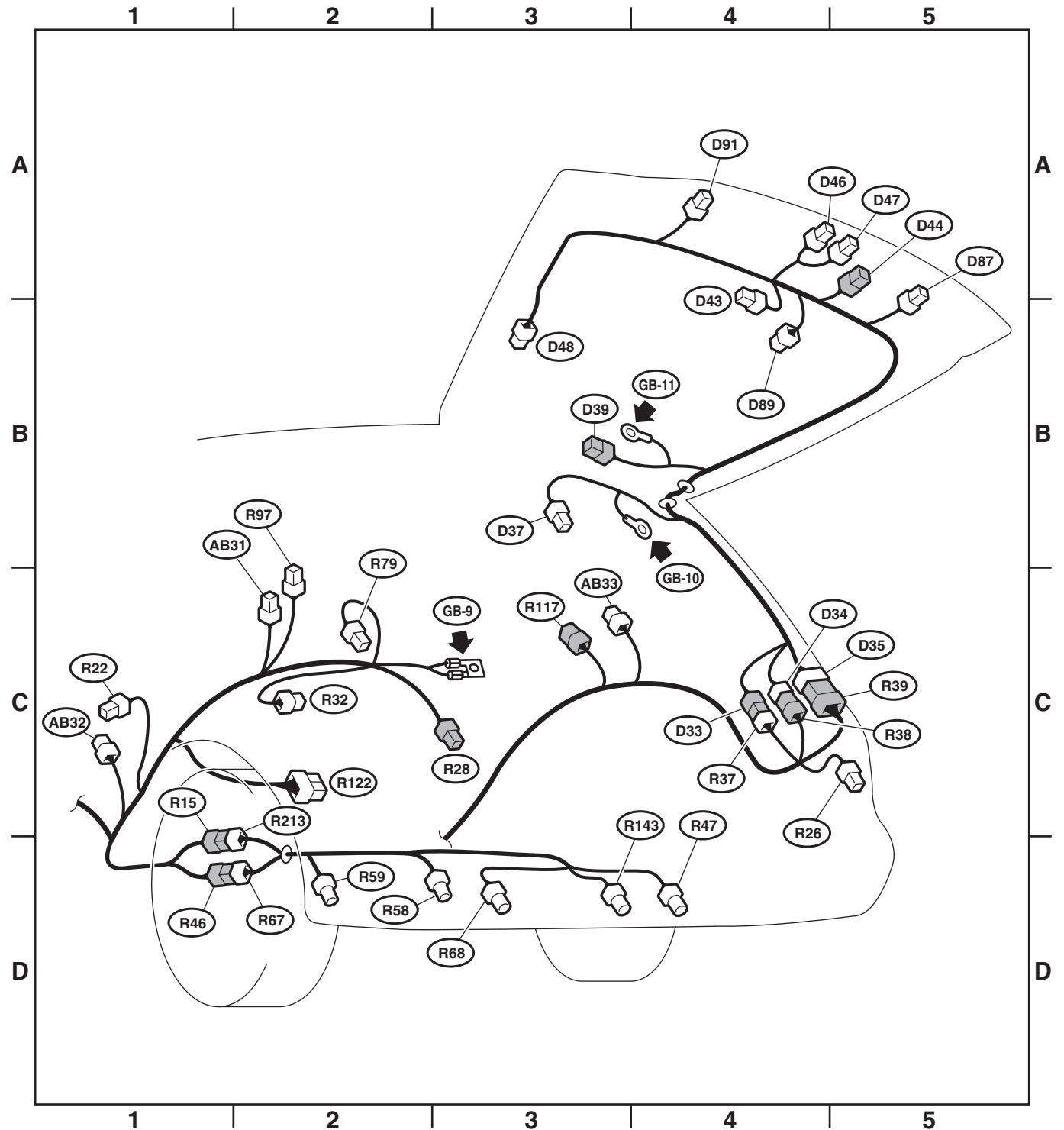
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
D33	3	★	C-4	R37	Rear wiring harness
D34	8	★	C-4	R38	
D35	10	★	C-5	R39	
D37	3	★	B-3		Luggage room light
D39	2	★	B-3		High-mounted stop light
D43	4	★	B-4		Rear wiper motor
D44	2	★	A-5		License plate light
D46	2	Black	A-4		Rear gate latch switch
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		Noise filter
D91	2	★	A-4		Back-up light LH
★ : White or natural color					

Rear Wiring Harness and Rear Gate Cord

WIRING SYSTEM

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

★ : White or natural color

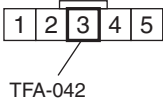
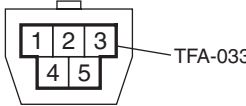
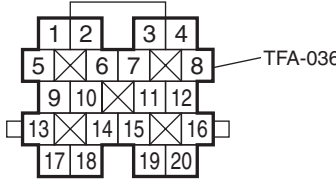


WI-09858

62.Harness Repair Kit

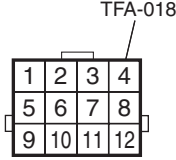
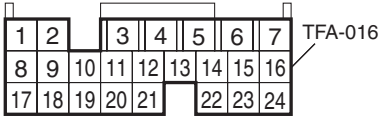
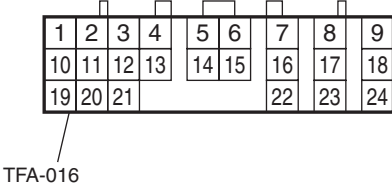
A: SPECIFICATION

1. ADAPTATION TABLE

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B3	 WI-04674	3	TFA-042
B6	 WI-04675	ALL	TFA-021
B8	 WI-04676	ALL	TFA-033
B11	 WI-04677	ALL	TFA-036

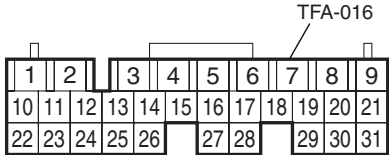
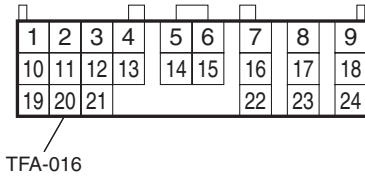
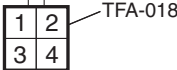
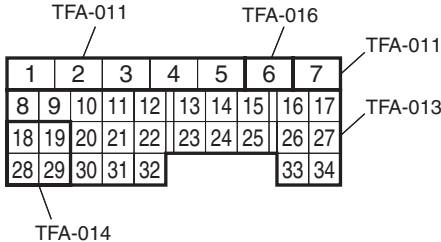
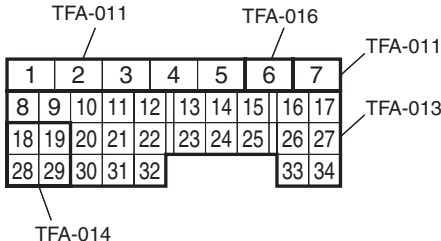
Harness Repair Kit

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-11984	1 — 12	TFA-018
B15	 WI-04675	ALL	TFA-021
B19 (2.5 L turbo model)	 WI-04682	1, 2	TFA-029
B54 (4AT model)	 WI-11985	1 — 24	TFA-016
B54 (5AT model)	 WI-04684	ALL	TFA-016

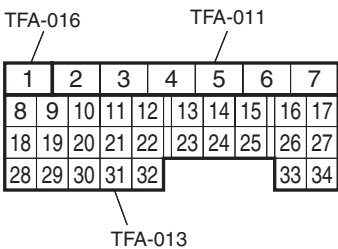
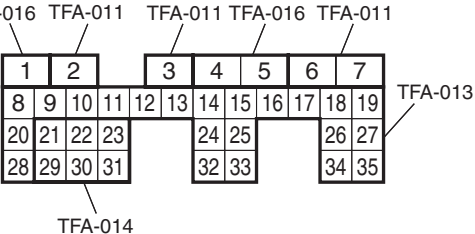
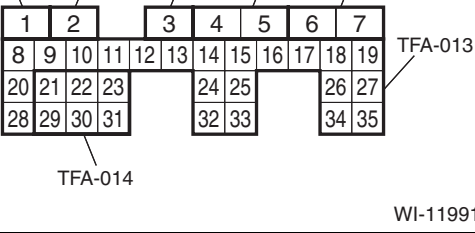
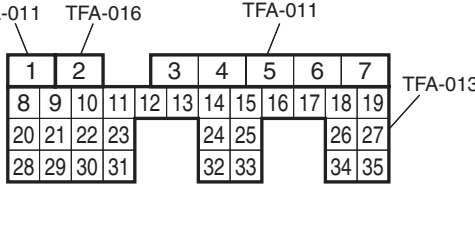
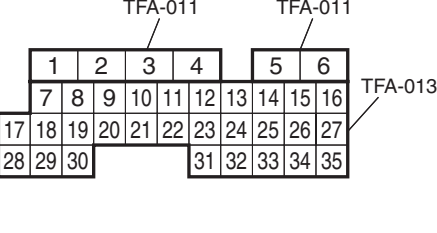
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B55 (4AT model)	 WI-11986	1 — 31	TFA-016
B55 (5AT model)	 WI-11987	1 — 24	TFA-016
B128	 WI-11988	ALL	TFA-018
B134 (2.5 L non-turbo and 2.5 L non-turbo (U5) model)	 WI-11989	1 — 5, 7	TFA-011
		8 — 17, 20 — 27, 30 — 34	TFA-013
		18, 19, 28, 29	TFA-014
		6	TFA-016
B134 (3.0 L model)	 WI-11989	1 — 5, 7	TFA-011
		8 — 17, 20 — 27, 30 — 34	TFA-013
		18, 19, 28, 29	TFA-014
		6	TFA-016

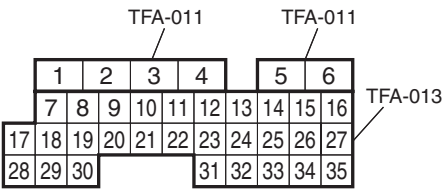
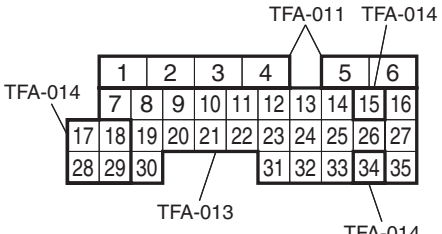
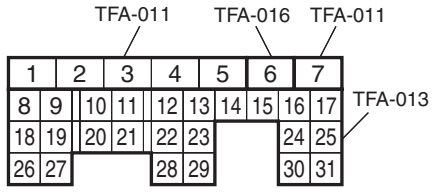
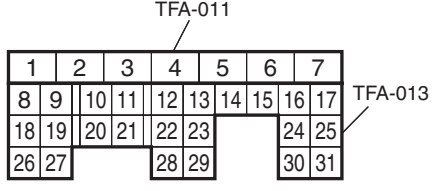
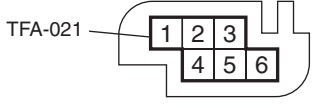
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B134 (2.5 L turbo model)	 WI-11990	2 — 7	TFA-011
		8 — 34	TFA-013
		1	TFA-016
B135 (2.5 L non-turbo and 2.5 L non-turbo (U5) model)	 WI-11991	2, 3, 6, 7	TFA-011
		8 — 20, 24 — 28, 32 — 35	TFA-013
		21 — 23, 29 — 31	TFA-014
		1, 4, 6	TFA-016
B135 (3.0 L model)	 WI-11991	2, 3, 6, 7	TFA-011
		8 — 20, 24 — 28, 32 — 35	TFA-013
		21 — 23, 29 — 31	TFA-014
		1, 4, 5	TFA-016
B135 (2.5 L turbo model)	 WI-11992	1, 3 — 7	TFA-011
		8 — 35	TFA-013
		2	TFA-016
B136 (2.5 L non-turbo and 2.5 L non-turbo (U5) model)	 WI-11993	1 — 6	TFA-011
		7 — 35	TFA-013

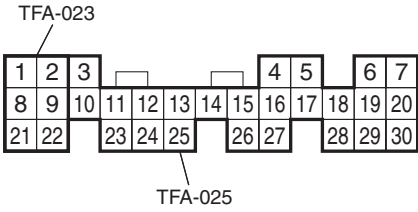
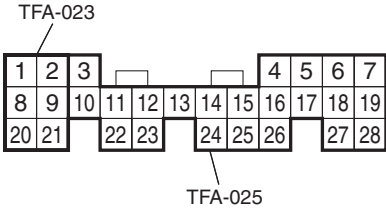
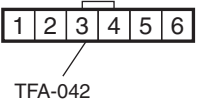
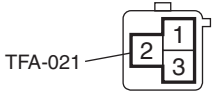
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B136 (3.0 L model)	 WI-11993	1 — 6	TFA-011
		7 — 35	TFA-013
B136 (2.5 L turbo model)	 WI-11994	1 — 6	TFA-011
		7 — 14, 16, 19 — 27, 30 — 33, 35	TFA-013
B137 (3.0 L model)	 WI-11995	1, 5 — 7	TFA-011
		8 — 31	TFA-013
B137 (2.5 L non-turbo and 2.5 L non-turbo (U5) model)	 WI-11996	6	TFA-016
B137 (2.5 L turbo model)		1 — 7	TFA-011
B230 (3.0 L model)	 WI-04700	8 — 31	TFA-013
		ALL	TFA-021

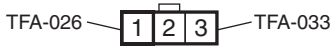
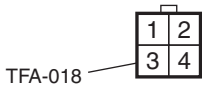
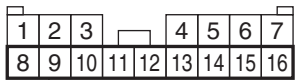
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B280	 WI-11997	1, 2, 8, 9, 21, 22	TFA-023
		3 — 7, 10 — 20, 23 — 30	TFA-025
B281	 WI-11998	1, 2, 8, 9, 20, 21	TFA-023
		3 — 28	TFA-025
B292	 WI-04703	ALL	TFA-012
B315	 WI-07643	ALL	TFA-042
B348 (3.0 L model)	 WI-07644	ALL	TFA-021

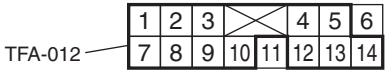
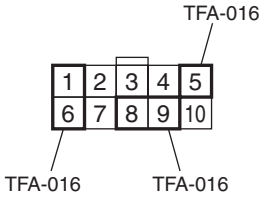
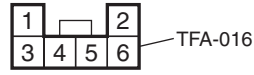
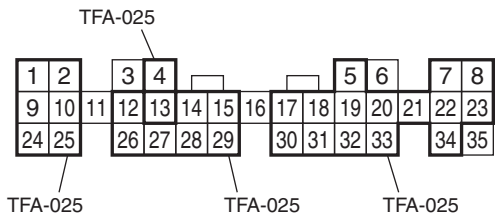
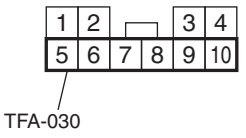
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B350	 WI-04705	ALL	TFA-016
B351	 WI-04707	ALL	TFA-012
B359	 WI-04708	1	TFA-026
		2, 3	TFA-033
B391 (2.5 L turbo model)	 WI-06096	ALL	TFA-018
j6	 WI-07648	8 — 16	TFA-016

Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
j26	 TFA-012 WI-04712	1 — 5, 7 — 10, 12 — 14	TFA-012
j59	 TFA-016 TFA-016 TFA-016 WI-07650	1, 5, 6, 8, 9	TFA-016
j79	 TFA-016 WI-04715	ALL	TFA-016
j84	 TFA-025 TFA-025 TFA-025 WI-07652	1, 2, 4, 5, 7 — 10, 12, 14, 15, 17 — 34	TFA-025
R122 (3.0 L and 2.5 L turbo model)	 TFA-030 WI-07654	5 — 10	TFA-030