

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.

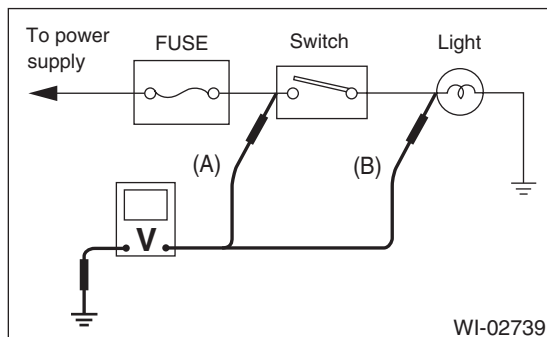
5. SYSTEM OPERATION CHECK

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.

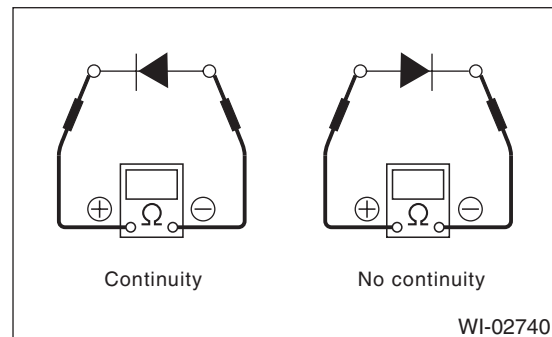
2. CIRCUIT CONTINUITY CHECKS

- 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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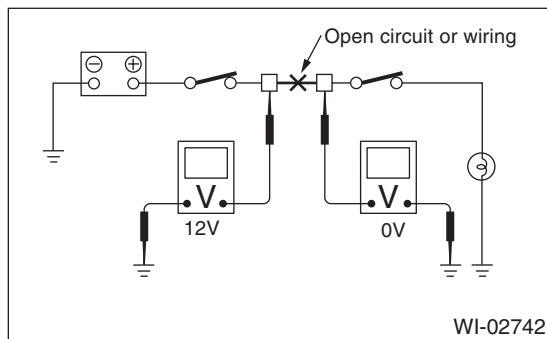
Basic Diagnostic Procedure

WIRING SYSTEM

3. HOW TO DETERMINE AN OPEN CIRCUIT

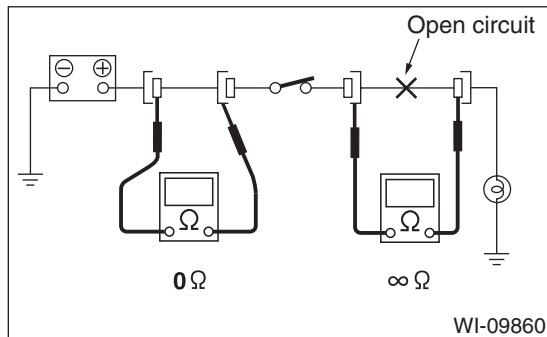
1) With voltmeter:

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:

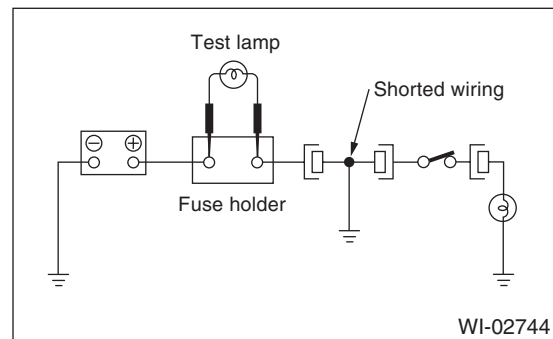
Disconnect all connectors affected, and check continuity in the wiring between adjacent connectors. When the ohmmeter indicates “infinite”, the wiring is open.



4. HOW TO DETERMINE A SHORT CIRCUIT

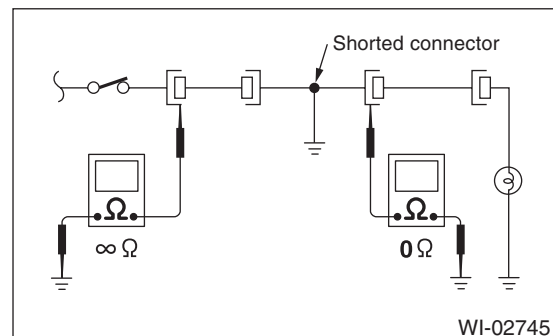
1) With test light:

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.



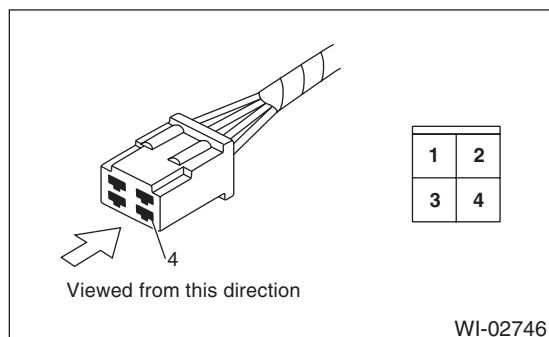
C: HOW TO READ WIRING DIAGRAMS

1. WIRING DIAGRAM

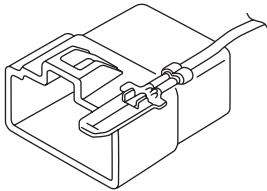
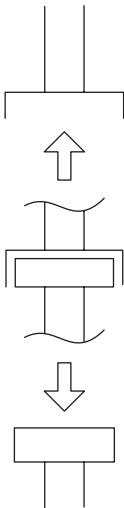
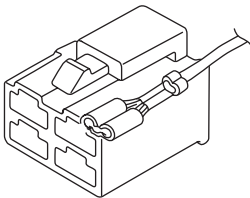
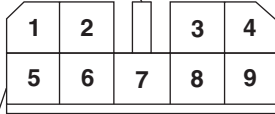
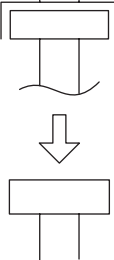
The wiring diagram of each system is illustrated so that you can understand the path through which the electric current flows from the battery.

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.

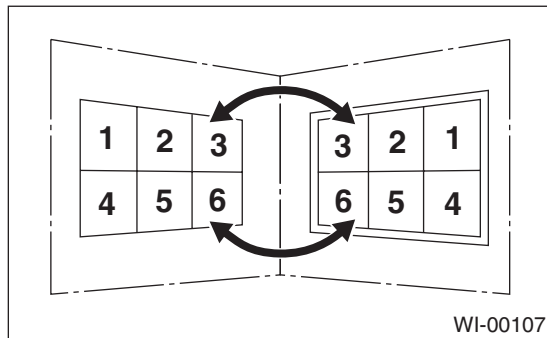
Connector used in vehicle	Connector shown in wiring diagram		
	Sketch	Symbol	Number of poles
	Double frames Indicates a lock is included.  Indicates the number of poles.		Numbered in order from upper right to lower left.
	Indicates a lock is included.  Single frame		Numbered in order from upper left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

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



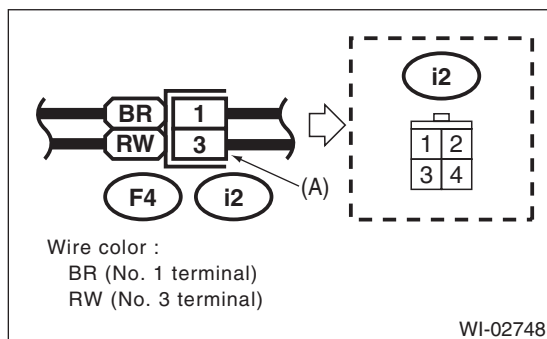
• WIRING DIAGRAM:

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

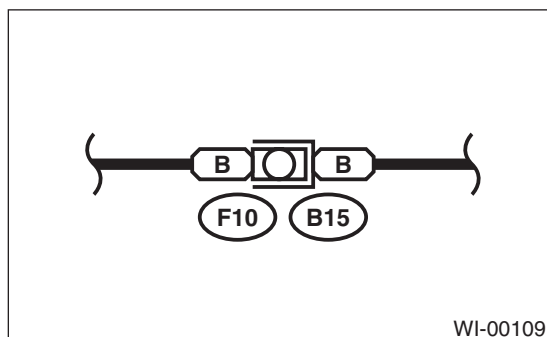
- The sketch of each connector in the wiring diagram usually shows the (A) side of the connector. The relationship between the wire color, terminal number and connector is described in the figure.

NOTE:

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

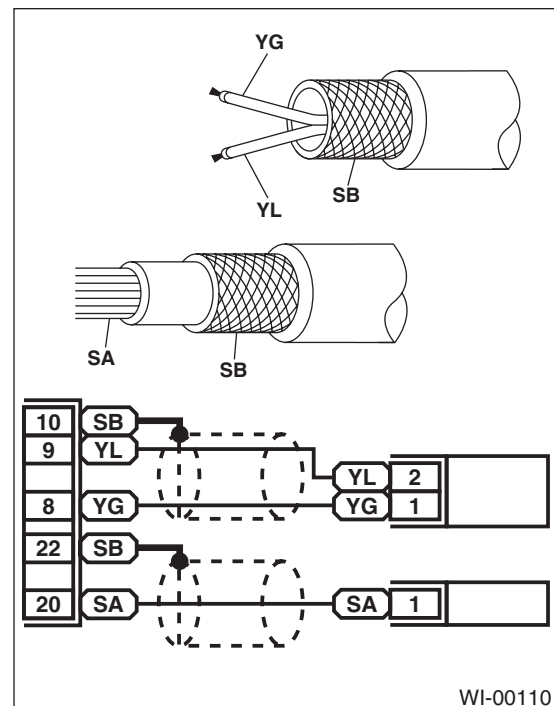


- In the wiring diagram, connectors which have no terminal number refer to one-pole types. Sketches of these connectors are omitted intentionally.

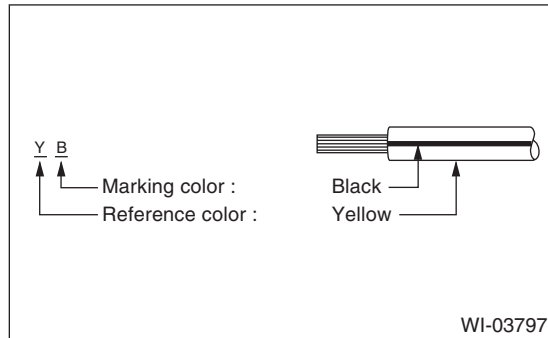


- The following color codes are used to indicate the colors of the wires.

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



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



- The table lists the nominal sectional areas and allowable currents of the wires.

CAUTION:

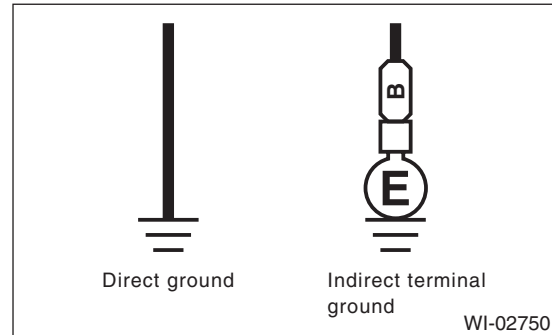
When replacing or repairing a wire, be sure to use the same size and type of the wire which was originally used.

NOTE:

- The allowable current in the table indicates the tolerable amperage of each wire at an ambient temperature of 40°C (104°F).
- The allowable current changes with ambient temperature. Also, it changes if a bundle of more than two wires is used.

Nominal sectional area mm ²	No. of strands/ strand diameter	Outside diameter of wiring mm	Allowable current Amps/ 40°C (104°F)
0.3	7/0.26	1.8	7
0.5	7/0.32	2.2 (or 2.0)	12
0.75	30/0.18	2.6 (or 2.4)	16
0.85	11/0.32	2.4 (or 2.2)	16
1.25	16/0.32	2.7 (or 2.5)	21
2	26/0.32	3.1 (or 2.9)	28
3	41/0.32	3.8 (or 3.6)	38
5	65/0.32	4.6 (or 4.4)	51
8	50/0.45	5.5	67

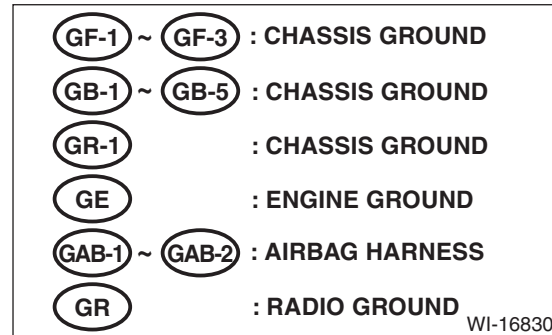
- Each unit is either directly grounded to the body or indirectly grounds through a harness ground terminal. Different symbols are used in the wiring diagram to identify the two grounding systems.



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

NOTE:

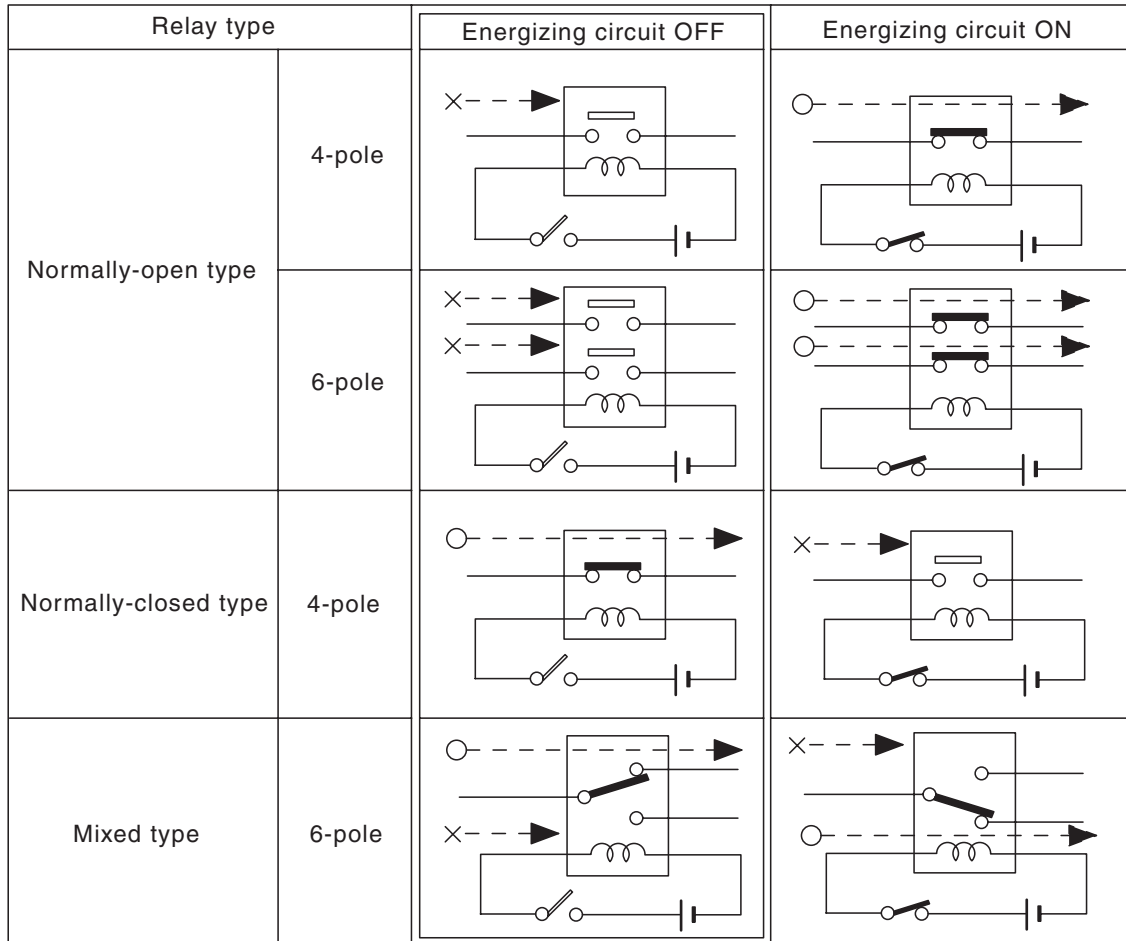
All wiring harnesses are provided with a ground point which should be securely connected.



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WIRING SYSTEM

- Relays are classified as normally-open or normally-closed.
- The normally-closed relay has one or more contacts. The wiring diagram shows the relay mode when the energizing circuit is OFF.



Key to symbols:

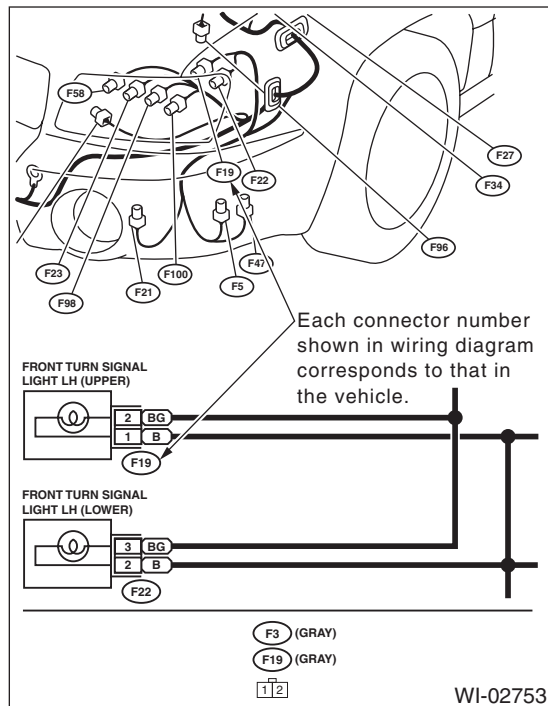
○ —▶ : Current flows.

× —▶ : Current does not flow.

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

Symbol	Wiring harness and cord
F	Front wiring harness
B	Bulkhead wiring harness
E	Engine wiring harness
T	Transmission cord, Rear oxygen sensor cord
D	Door cord LH & RH, Rear gate cord Rear door cord LH & RH
i	Instrument panel wiring harness
R	Rear wiring harness, Fuel tank cord, Roof cord
AB	Airbag wiring harness

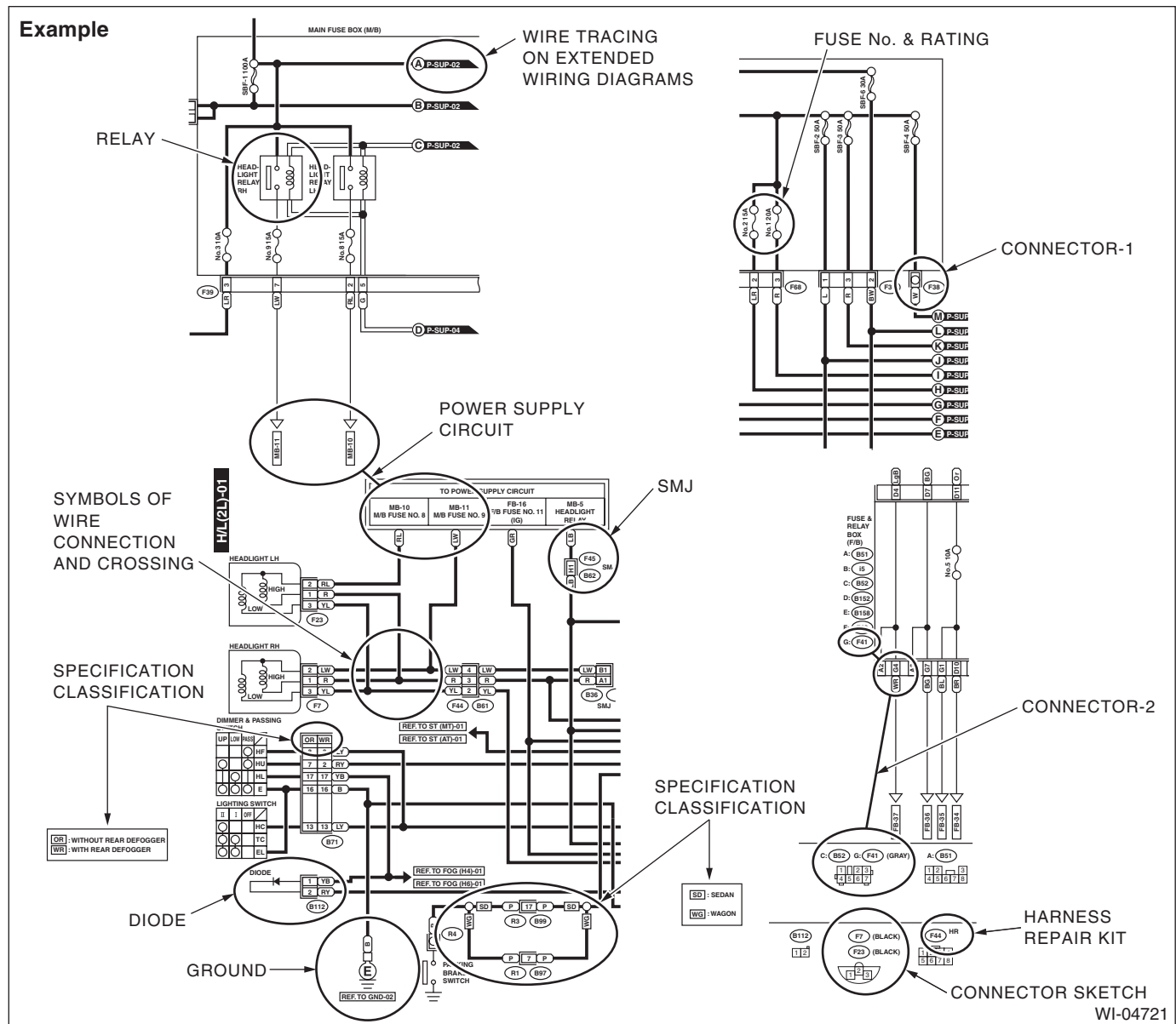


Basic Diagnostic Procedure

WIRING SYSTEM

D: SYMBOLS IN WIRING DIAGRAMS

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



1. RELAY

A symbol used to indicate a relay.

2. CONNECTOR 1

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

3. WIRING CONNECTION

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

4. FUSE NO. & RATING

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

5. CONNECTOR 2

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

6. CONNECTOR SKETCH

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

7. GROUND

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

8. DIODE

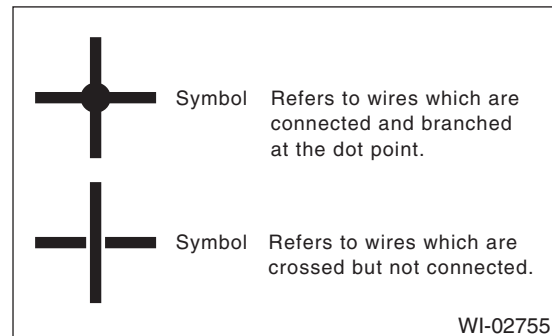
A symbol is used to indicate a diode.

9. WIRE TRACING ON EXTENDED WIRING DIAGRAMS

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

A ↔ A, B ↔ B

10. SYMBOLS OF WIRE CONNECTION AND CROSSING



11. POWER SUPPLY ROUTING

A symbol is used to indicate the power supply in each wiring diagram.

"MB-5", "MB-6", etc., which are used as power-supply symbols throughout the text, correspond with those shown in "POWER SUPPLY ROUTING" in the wiring diagram.

Accordingly, using "POWER SUPPLY ROUTING" 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.
- For V.I.N., refer to the ID section. <Ref. to ID-2, IDENTIFICATION NUMBER AND LABEL LOCATIONS, IDENTIFICATION, Identification.>

13. HARNESS REPAIR KIT

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

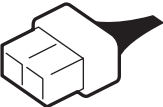
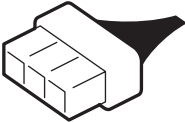
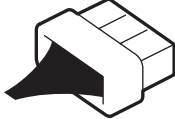
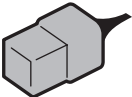
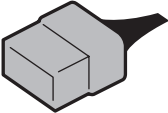
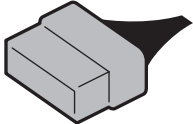
Refer to "Harness Repair Kit" for harness repair kit. <Ref. to WI-193, SPECIFICATION, Harness Repair Kit.>

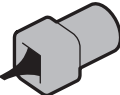
Basic Diagnostic Procedure

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	Antilock Brake System
ACC	Accessory
AT	Automatic Transmission
ATF	Automatic Transmission Fluid
AUX	Auxiliary Audio Input Terminal
AVCS	Active Valve Control System
AWD	All Wheel Drive
B	Battery
CAN	Controller Area Network
COM	Computer
CPC	Canister Purge Control
CPU	Central Integrated Circuit
D	Drive Range or Down
DOWN	Down
E	Ground
ECM	Engine Control Module
EEPROM	Electrically Erasable and Programmable Read Only Memory
EGI	Electric Gasoline Injection
EGR	Exhaust Gas Recirculation
ELR	Emergency Locking Retractor
F/B	Fuse & Relay Box
FL	Front Left Hand
FLD	Front Left Down
FLU	Front Left Up
FR	Front Right Hand
FRD	Front Right Down
FRU	Front Right Up
FWD	Front Wheel Drive
GND	Ground
H/L	Headlight
HI	High
HID	High Intensity Discharge
I/F	Interface
IG	Ignition
INT	Intermittent
LCD	Liquid Crystal Display
LH	Left Hand
LO	Low
M	Motor
M/B	Main Fuse Box
MT	Manual Transmission
N	Neutral Range
NA	Natural Aspiration
OP	Optional Parts or Open

Abbr.	Full name
P	Parking Range
PASS	Passing
PCV	Positive Crankcase Ventilation Valve
R	Reverse Range
RH	Right Hand
RL	Rear Left
RLD	Rear Left Down
RLU	Rear Left Up
RR	Rear Right
RRD	Rear Right Down
RRU	Rear Right Up
SBF	Slow Blow Fuse
ST	Starter
TCM	AT Control Module
TGV	Tumble Generator Valve
TMC	Traffic Message Channel
TPM	Tire Pressure Monitor
TPMS	Tire Pressure Monitor System
UP	Up
VDC	Vehicle Dynamics Control
WASH	Washer

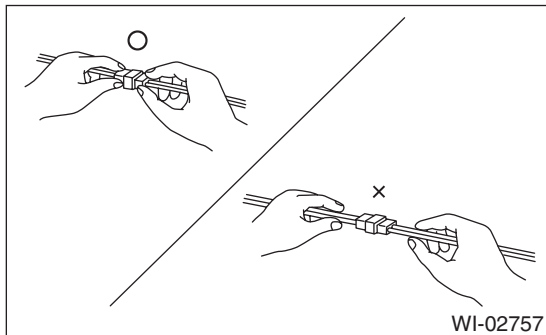
2. Working Precautions

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

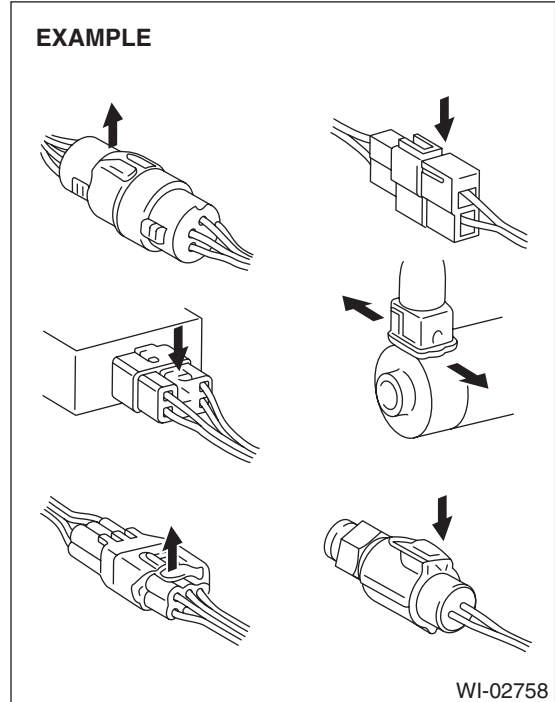
- 1) When working under a vehicle which is jacked-up, always be sure to use rigid rack.
- 2) The parking brake must always be applied during working. Also, in automatic transmission vehicles, keep the select lever set to the P (Parking) range.
- 3) Be sure the workshop is properly ventilated when running 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 radiator and the exhaust system immediately after the engine has been turned off.

B: PRECAUTIONS IN TROUBLE DIAGNOSIS AND REPAIR OF ELECTRIC PARTS

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

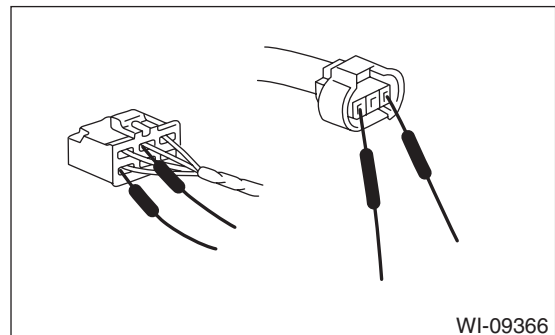


- 5) Some connectors are provided with a lock. One type of such a connector is disconnected by pushing the lock, and the other, by moving the lock up. In either type the lock shape must be identified before attempting to disconnect the connector. To connect, insert the connector until it snaps and confirm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



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

To check water-proof connectors (which are not accessible from the wiring side), contact test probes on the terminal side being careful not to bend or damage terminals.



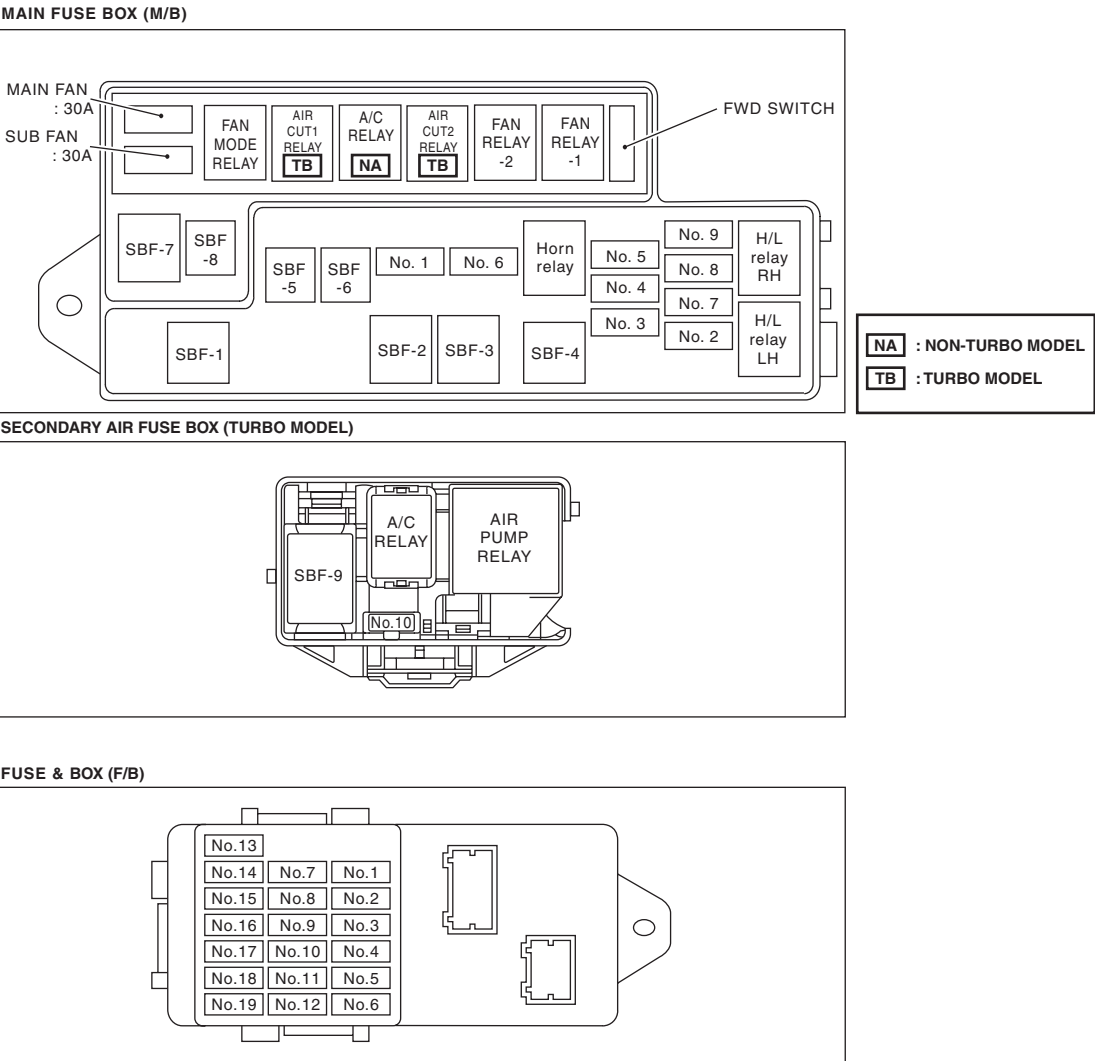
- 7) Sensors, relays, electrical unit, etc., are sensitive to strong impacts. Handle them with care so that they are not dropped or mishandled.

3. Power Supply Circuit

A: WIRING DIAGRAM

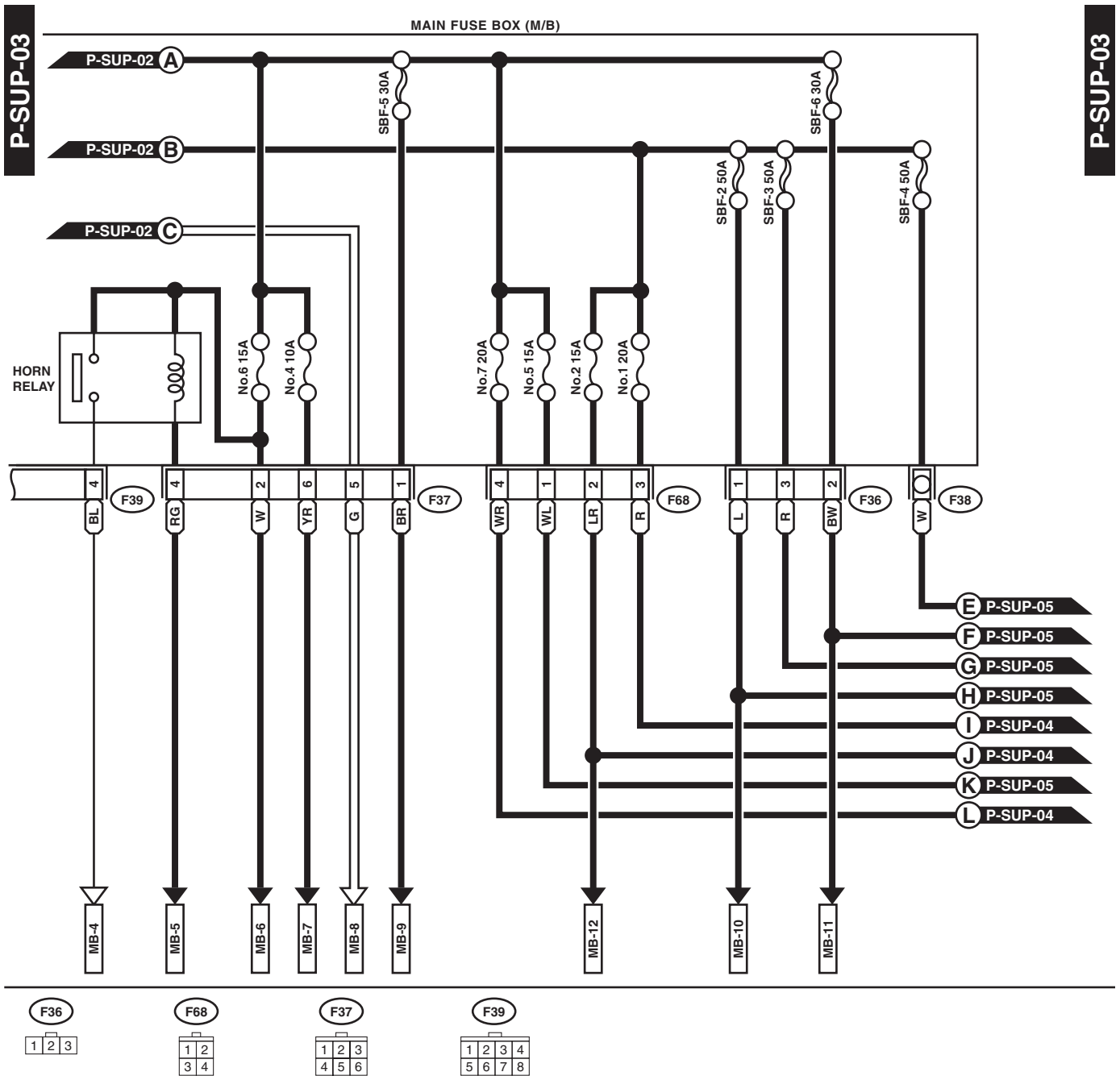
P-SUP-01

P-SUP-01



Power Supply Circuit

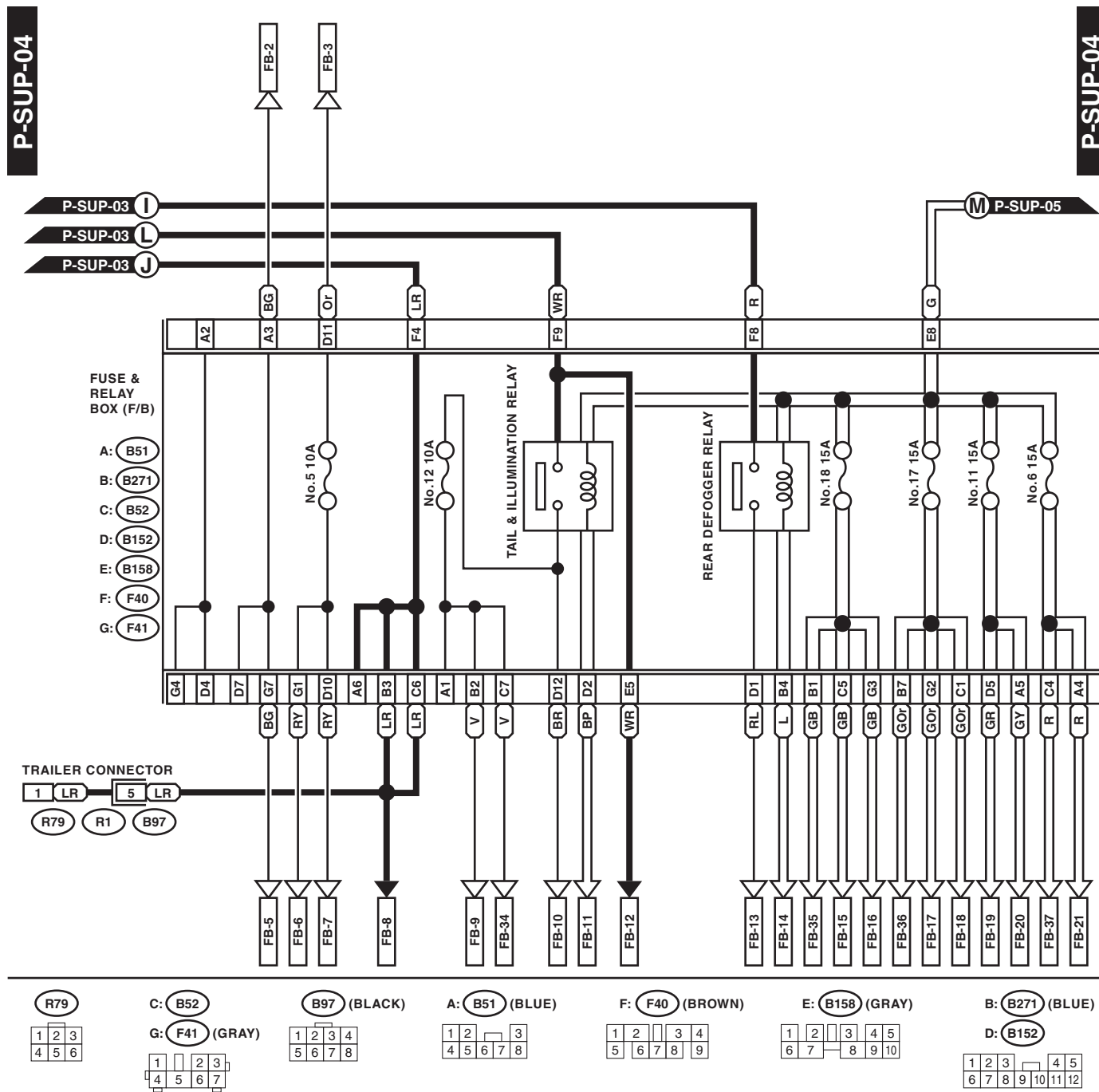
WIRING SYSTEM



WI-12323

Power Supply Circuit

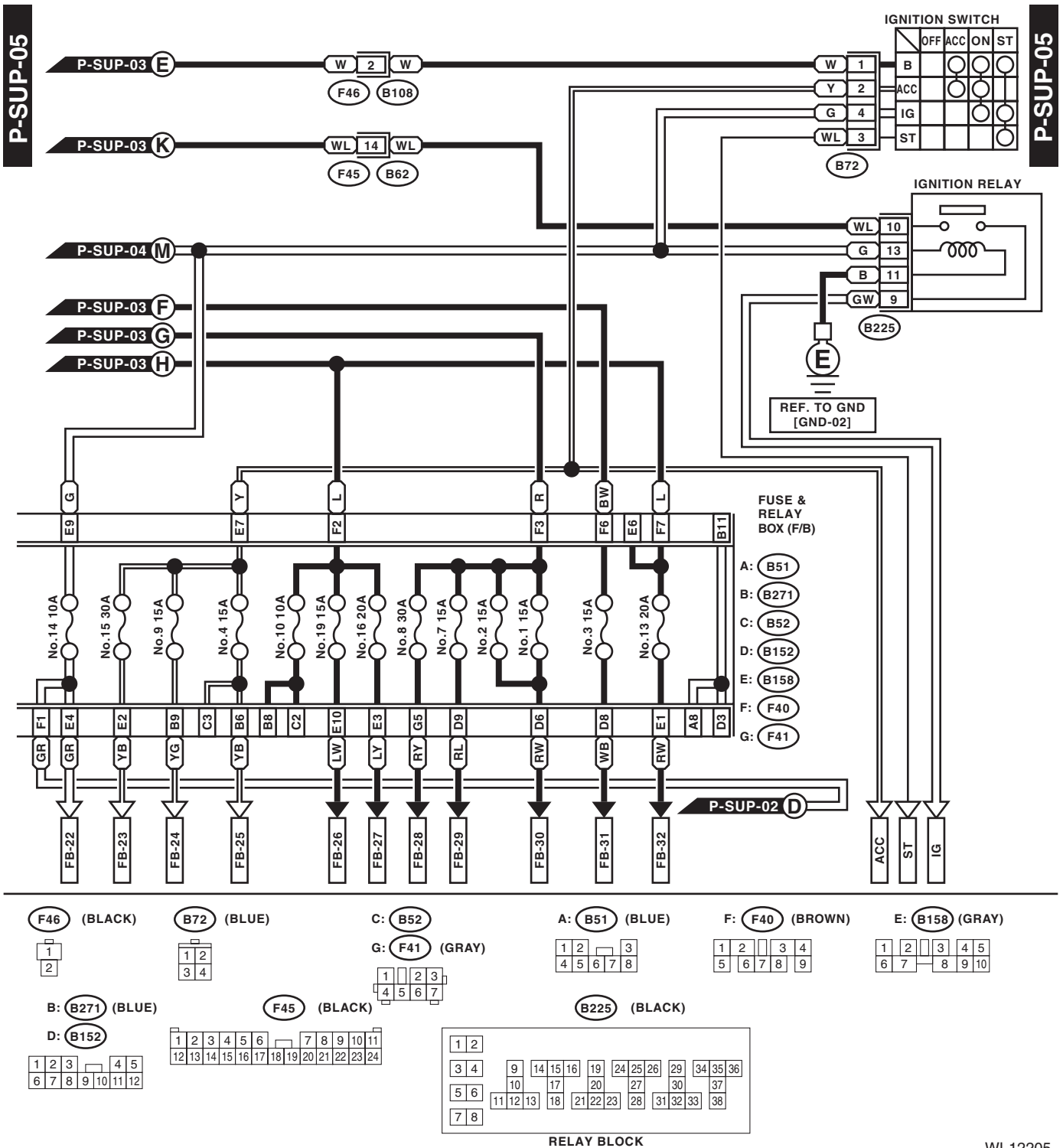
WIRING SYSTEM



WI-16778

Power Supply Circuit

WIRING SYSTEM



WI-12205

Power Supply Circuit

WIRING SYSTEM

No.	Load
MB-1	Secondary air relay holder (Fuse)
	A/C relay holder (Fuse)
MB-2	Combination meter
	Headlight RH
MB-3	Headlight LH
MB-4	Horn
MB-5	Keyless entry control module
	Horn switch
MB-6	Key warning switch
	Keyless entry control module
	Hazard switch
MB-7	TCM
MB-8	Diode
	Body integrated unit
	HID diode
MB-9	Immobilizer control module
	ECM
	Data link connector
	Fuel pump relay
	Main relay
	Electronic throttle control relay
	A/F & oxygen sensor relay
MB-10	Fuse (Seat heater)
MB-11	Power window circuit breaker
MB-12	Keyless buzzer
	Combination meter
	Immobilizer control module
SBF-7	ABS control module
	VDC control module
SBF-8	A/F & oxygen sensor relay
ALT	Combination meter
ACC	Fuse (Rear wiper)
IG	Hazard switch
	Power window relay
	Data link connector
	Vehicle speed sensor (MT model)
ST	Interrupt relay
FB-2	Keyless entry control module
	Turn signal switch
	Trailer connector
	Hazard switch
	Turn signal light
	Rear turn signal light LH
FB-3	Parking switch
	Daytime running light relay
	HID relay
FB-5	Front turn signal light LH

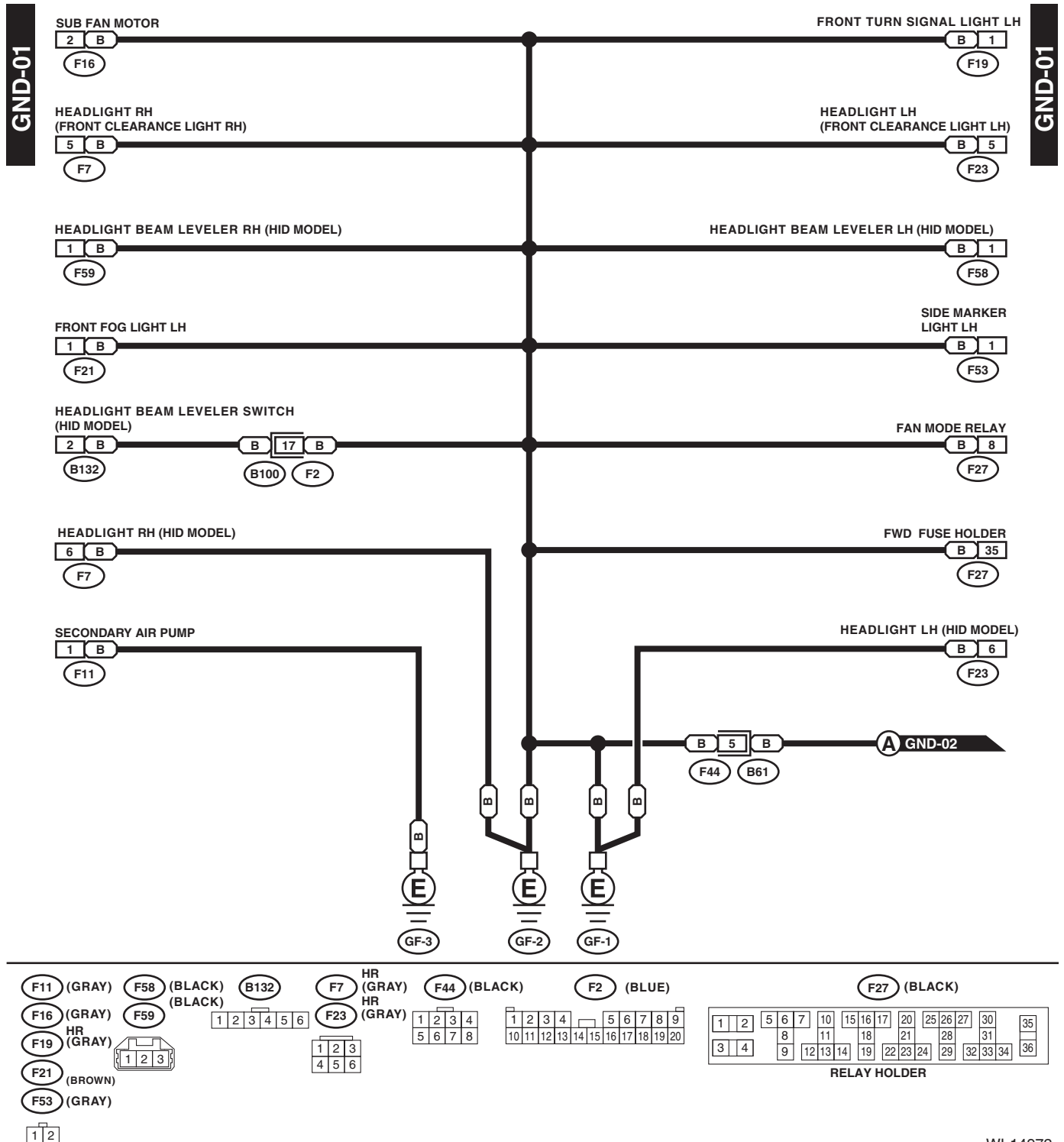
No.	Load
FB-6	Side marker light LH
	Front clearance light LH
	Front clearance light RH
	Headlight beam leveler LH
	Headlight beam leveler RH
FB-7	Side marker light RH
	Trailer connector
	Headlight beam leveler switch
	License plate light
	Rear combination light LH
FB-8	Rear combination light RH
	Audio
	Auto A/C control module
	Combination meter
	Spot map light
	Room light
	Clock
	Key illumination
	Keyless entry control module
	Impact sensor
FB-9	Luggage room light
	Illumination light
FB-10	Combination meter
	Parking switch
FB-11	ECM
	Lighting switch
FB-12	Parking switch
	Daytime running light relay
FB-13	Rear defogger
	Auto A/C control module
	Manual A/C control module
FB-14	ECM
	Body integrated unit
FB-15	Inhibitor switch
	Keyless entry control module
	Clutch switch
	Stop light & brake switch
	Back-up light switch (MT model)
	Body integrated unit
	ABS control module
	VDC control module
FB-16	Impact sensor
	Fan relay 1
	A/C relay
	Fan mode relay
FB-17	Fan relay 2
	Wiper deicer switch
FB-18	

No.	Load
FB-19	Immobilizer control module
	Ignition coil No. 1 (Turbo model)
	ECM
	Transmission control module
	Rear wheel speed sensor (AWD)
	Fuel pump relay
	Ignition coil No. 2 (Turbo model)
	Ignition coil No. 3 (Turbo model)
	Ignition coil No. 4 (Turbo model)
FB-20	Airbag control module
FB-21	Airbag control module
FB-22	Combination meter
	High beam relay
	Daytime running light relay
	Clock
FB-23	Combination switch (Wiper)
	Front washer motor
	Front wiper motor
FB-24	Audio
	Compass mirror
	Clock
FB-25	Seat heater relay
	TCM
	Front accessory power supply socket
	Body integrated unit
	Remote control mirror switch
	Rear accessory relay
FB-26	Rear accessory relay
FB-27	Stop light switch
FB-28	ABS control module
	VDC control module
FB-29	Front fog light relay
FB-30	Blower fan relay
FB-31	Body integrated unit
	TPM Control module
FB-32	Wiper deicer and mirror heater relay
FB-34	Illumination light
	Body integrated unit
	Clock
FB-35	Wiper deicer and mirror heater relay
	TPM Control module
FB-36	A/C pressure switch
	Blower fan relay
	Auto A/C control module
	Intake actuator
	Manual A/C control module
FB-37	Occupant detection control module

Ground Circuit

WIRING SYSTEM

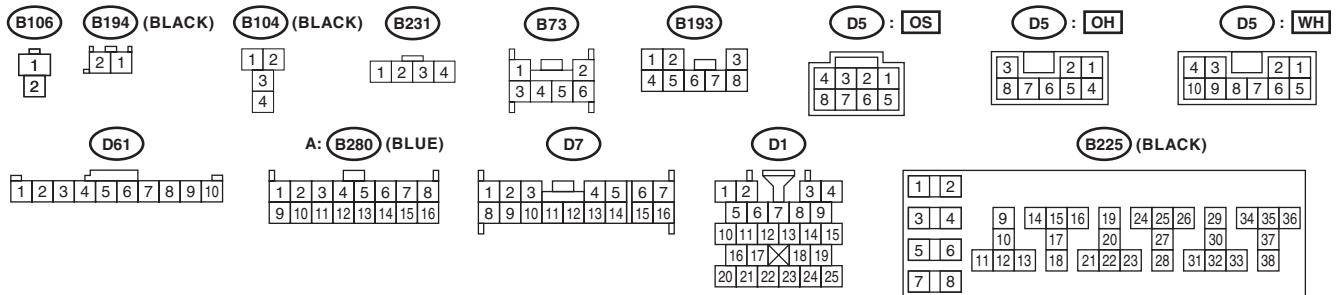
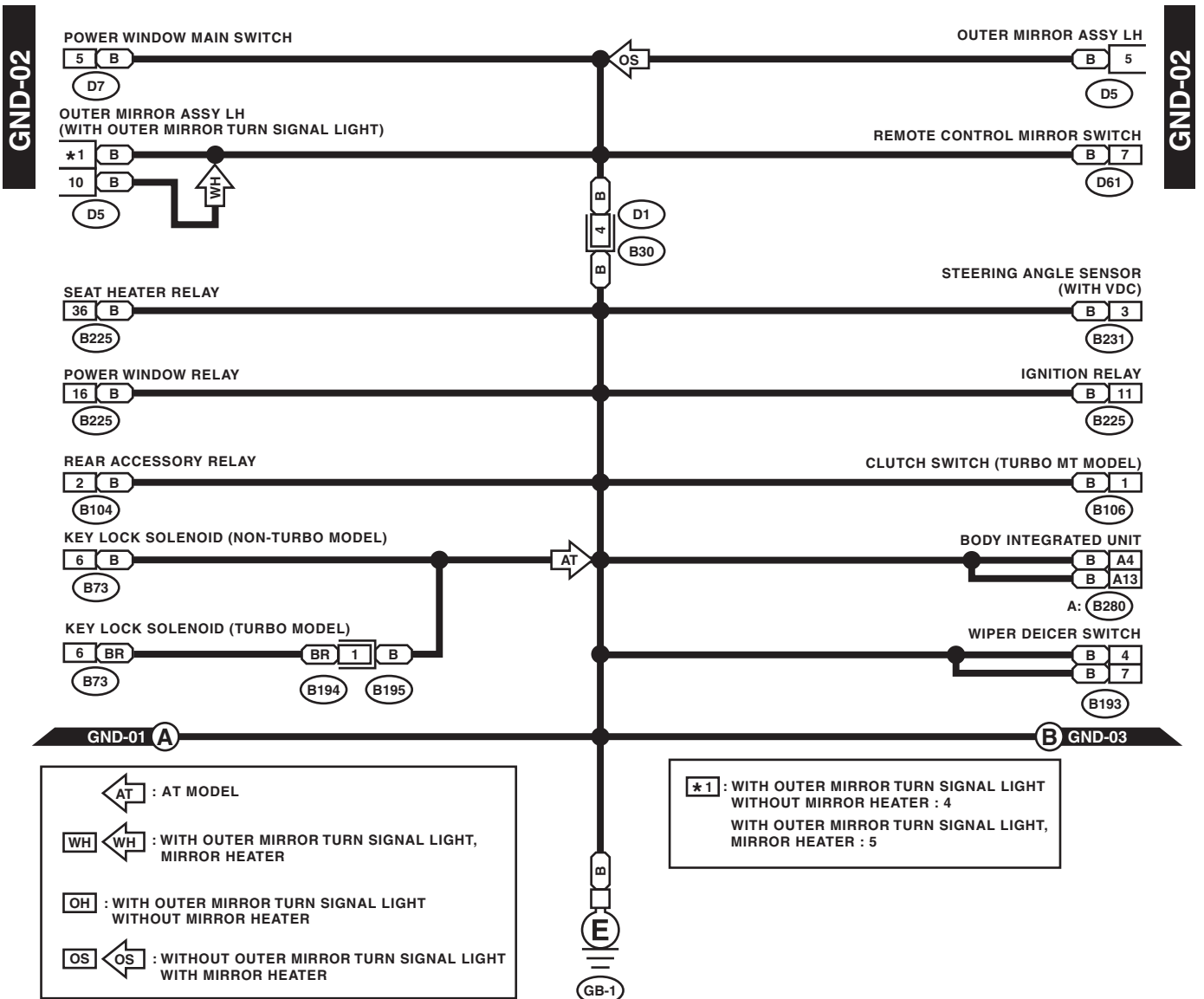
4. Ground Circuit A: WIRING DIAGRAM



WI-14972

Ground Circuit

WIRING SYSTEM

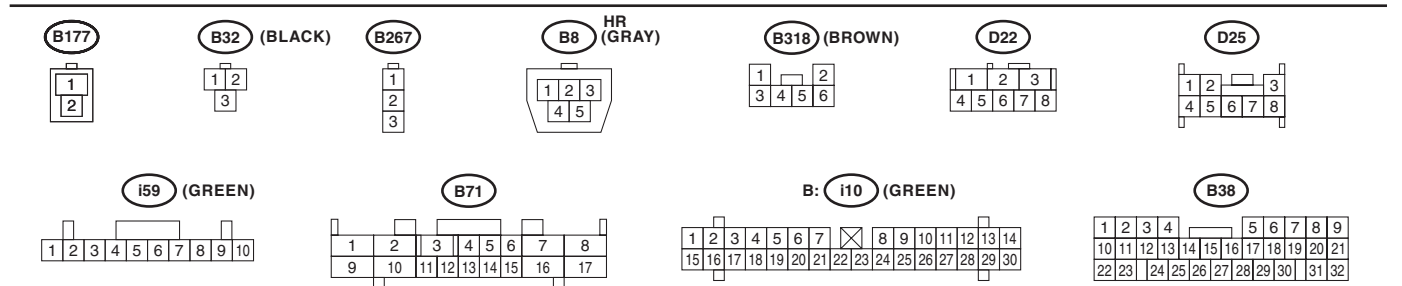
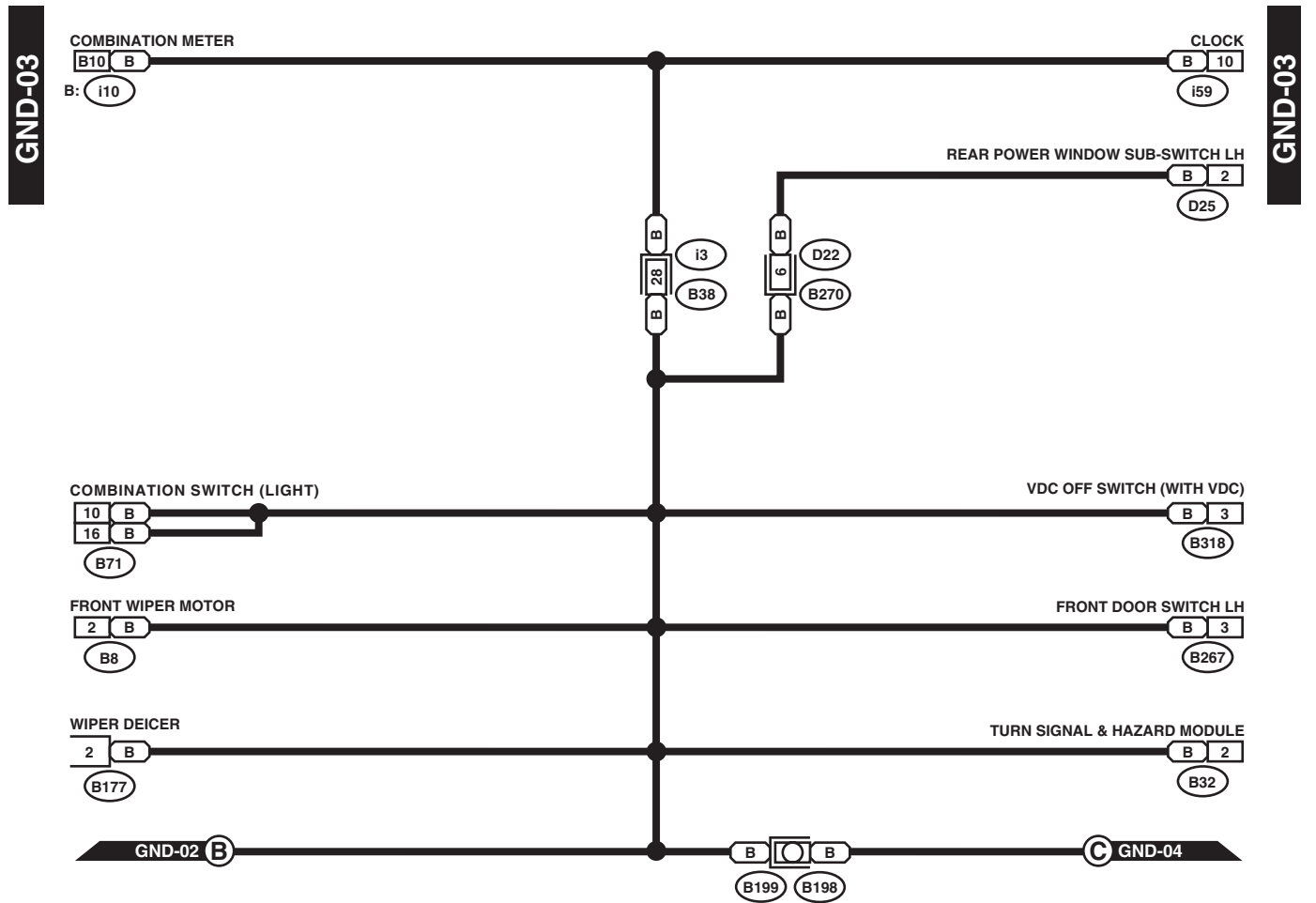


RELAY BLOCK

WI-16834

Ground Circuit

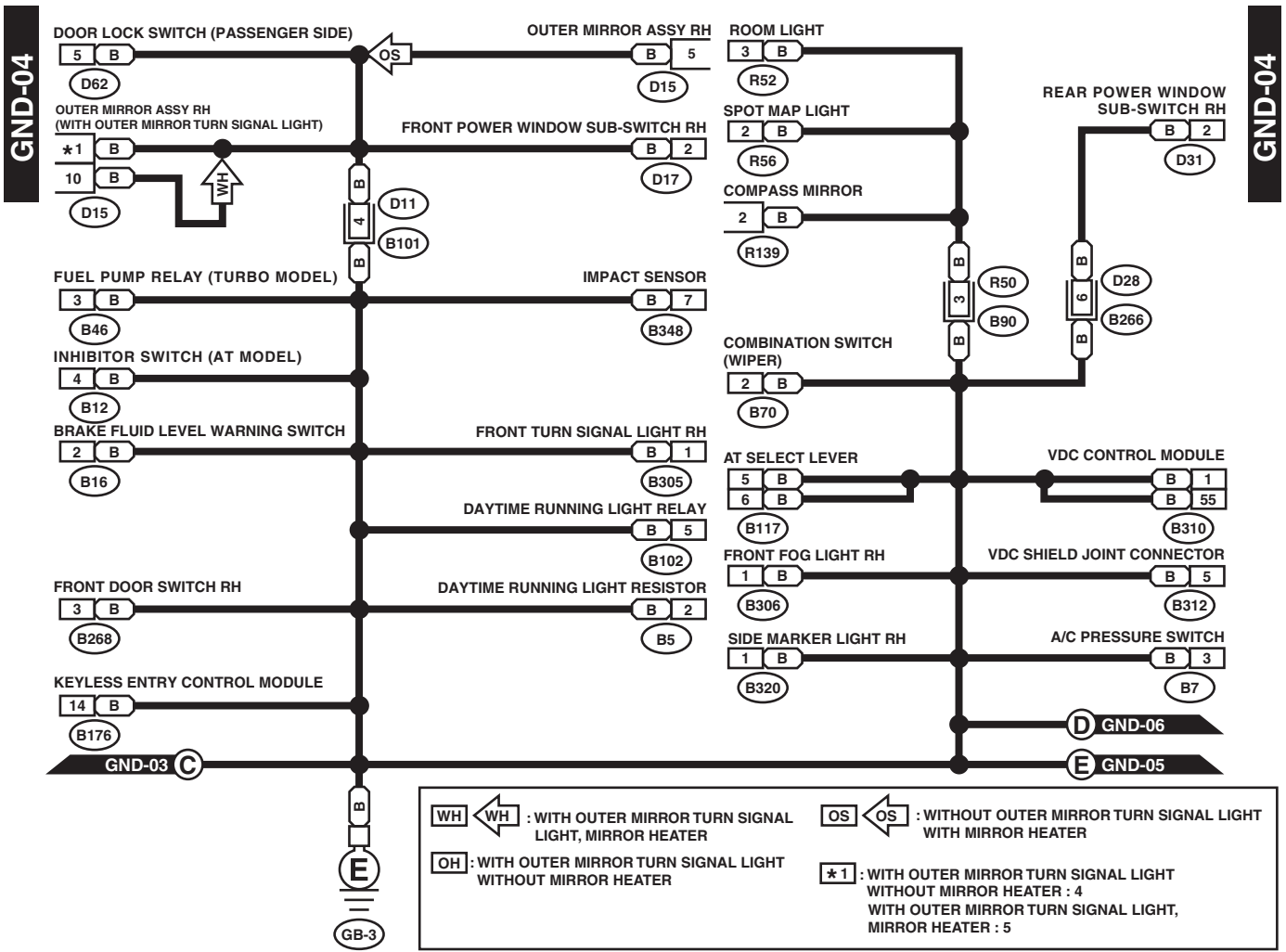
WIRING SYSTEM



WI-15231

Ground Circuit

WIRING SYSTEM

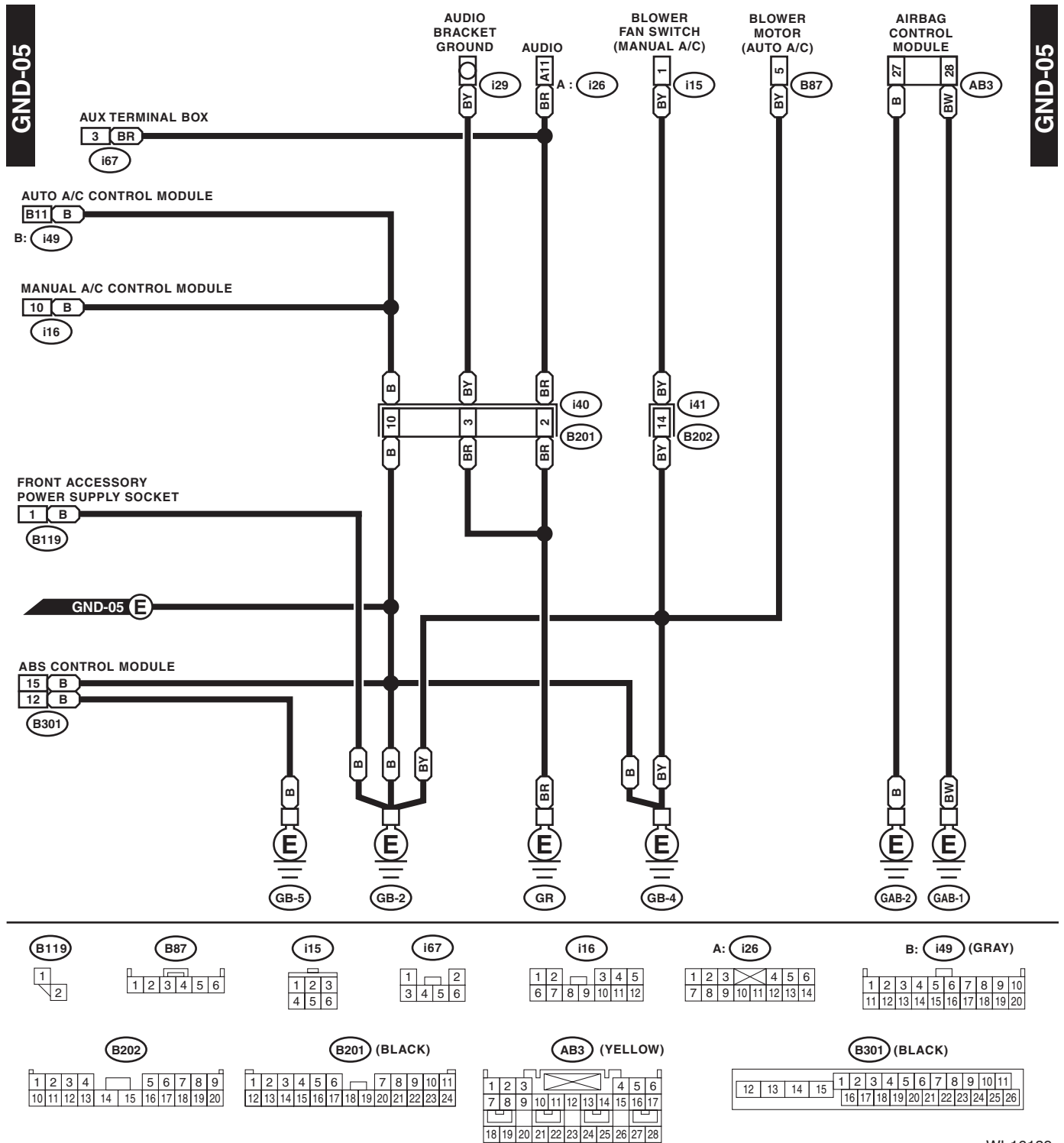


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	
56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83

WI-15232

Ground Circuit

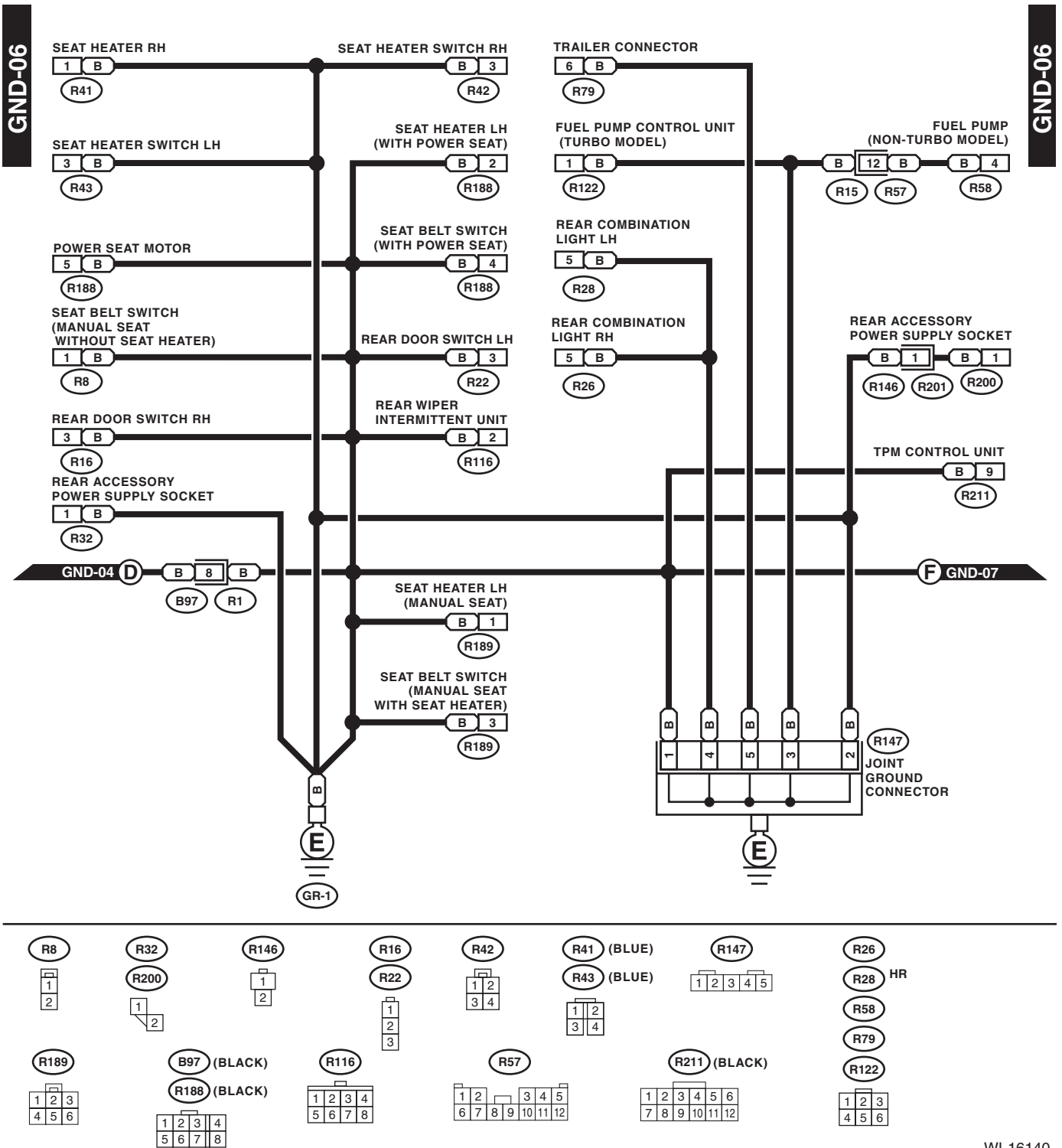
WIRING SYSTEM



WI-16139

Ground Circuit

WIRING SYSTEM



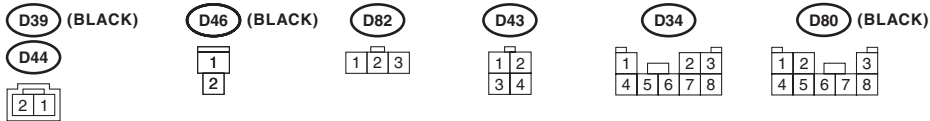
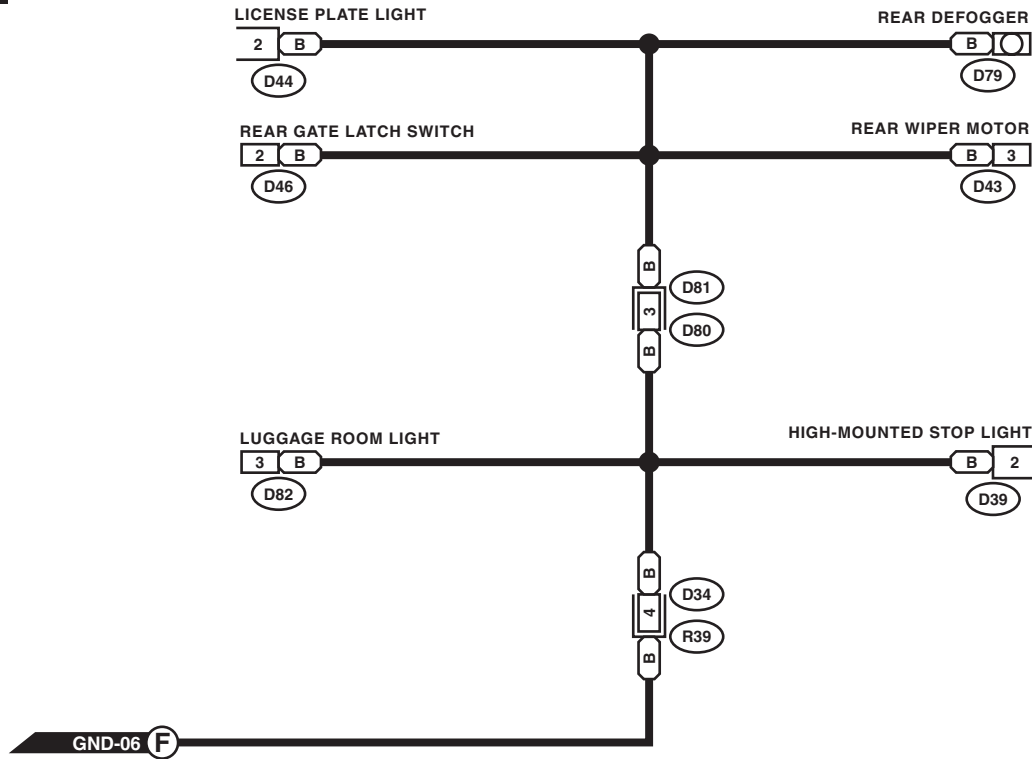
WI-16140

Ground Circuit

WIRING SYSTEM

GND-07

GND-07



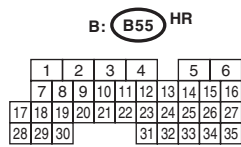
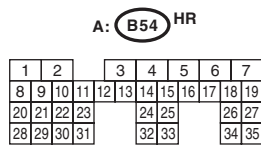
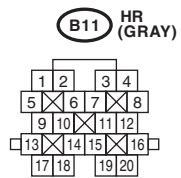
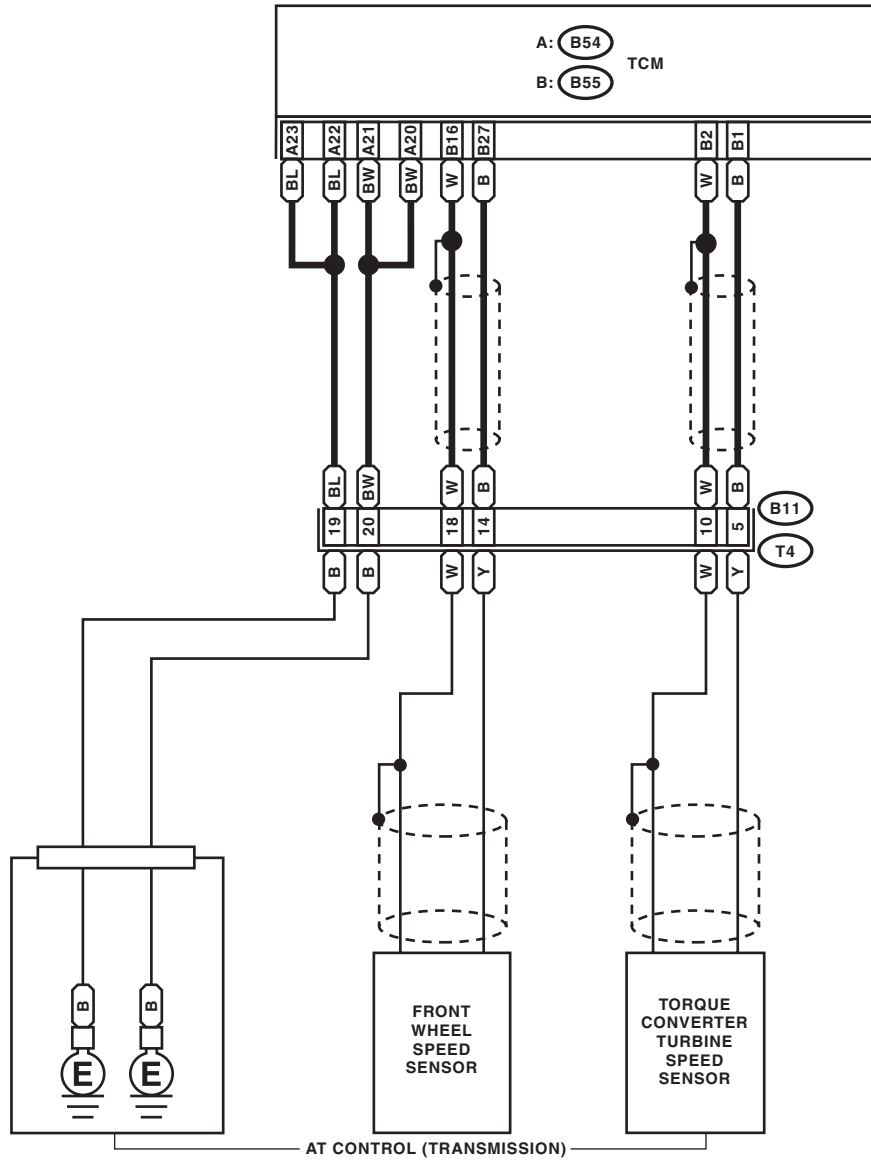
WI-13100

Ground Circuit

WIRING SYSTEM

GND-08

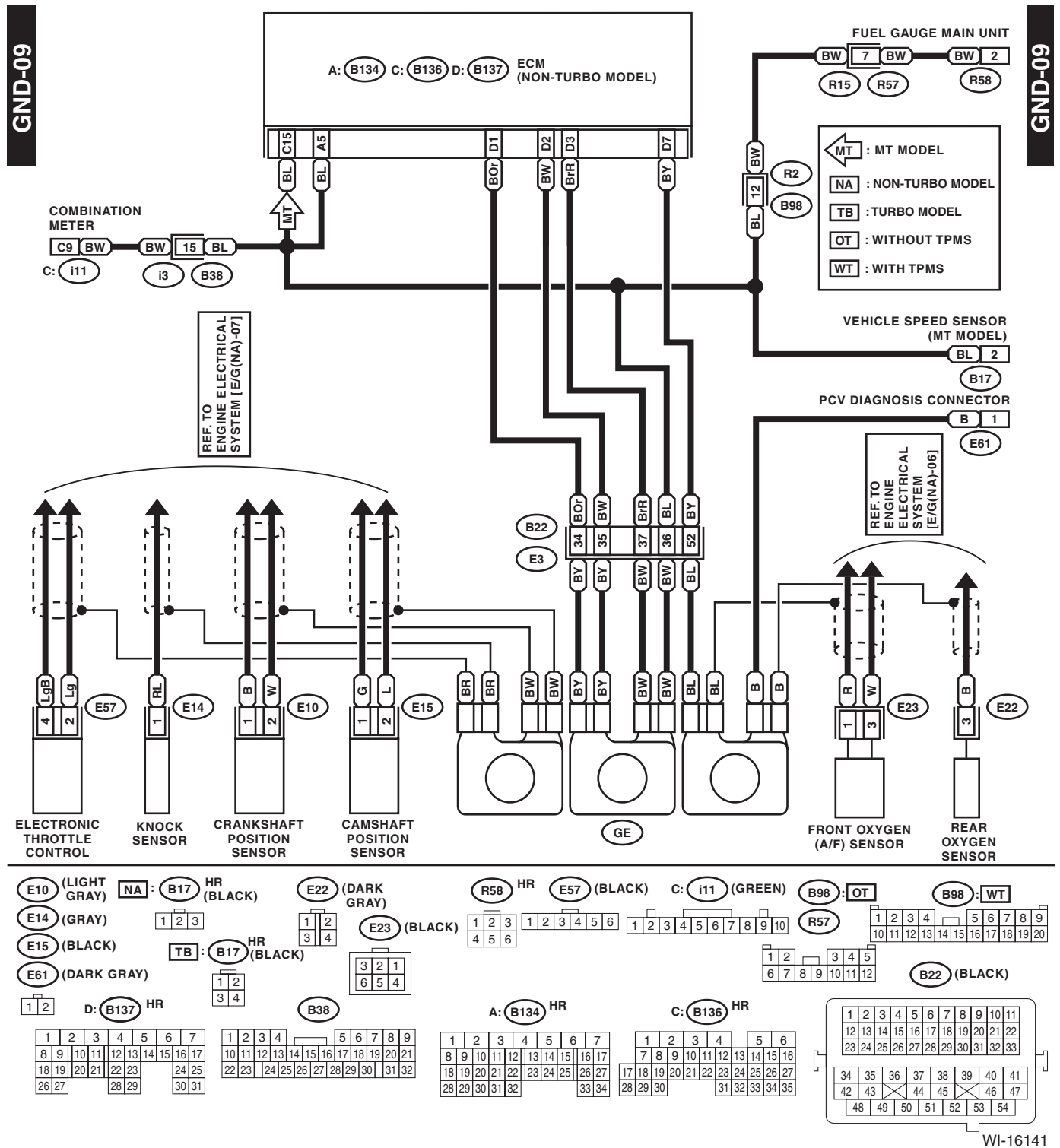
GND-08



WI-16168

Ground Circuit

WIRING SYSTEM

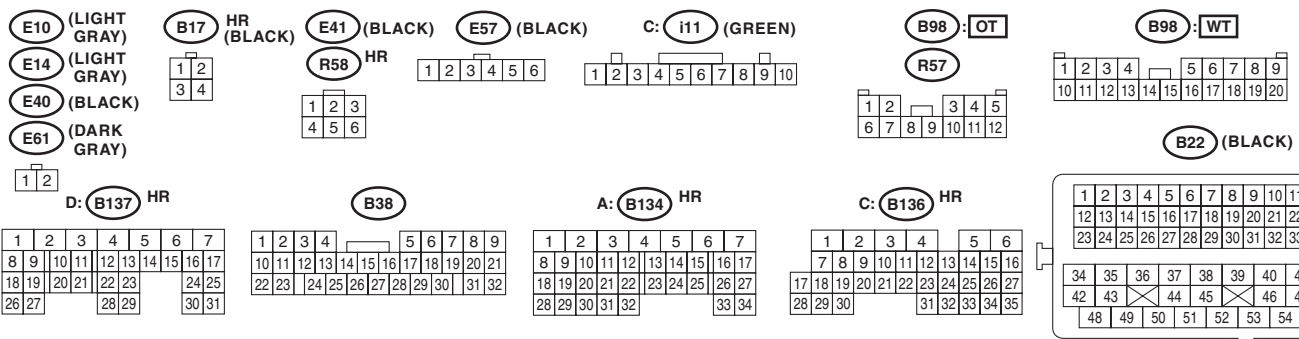
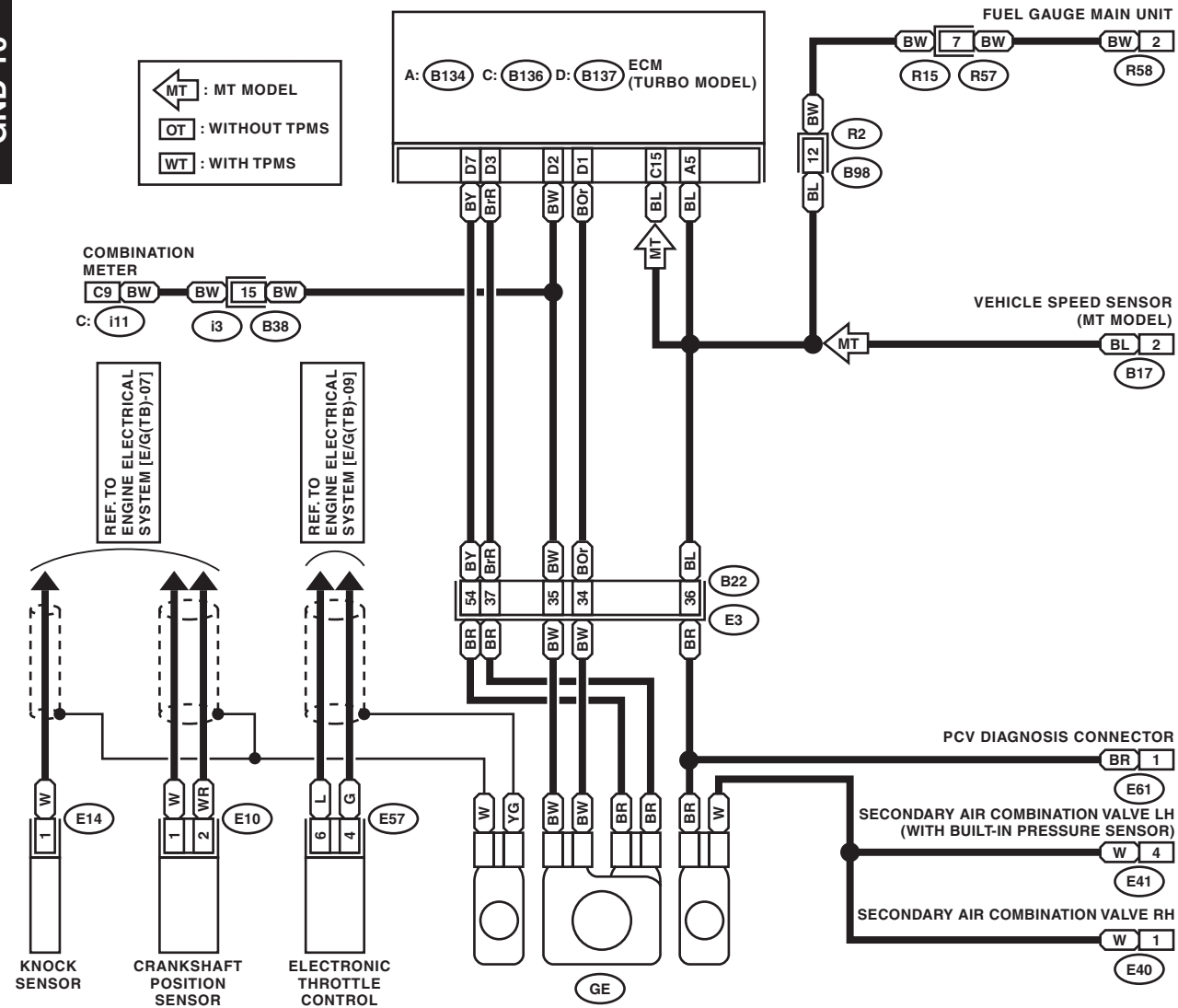


Ground Circuit

WIRING SYSTEM

GND-10

GND-10



WI-16142

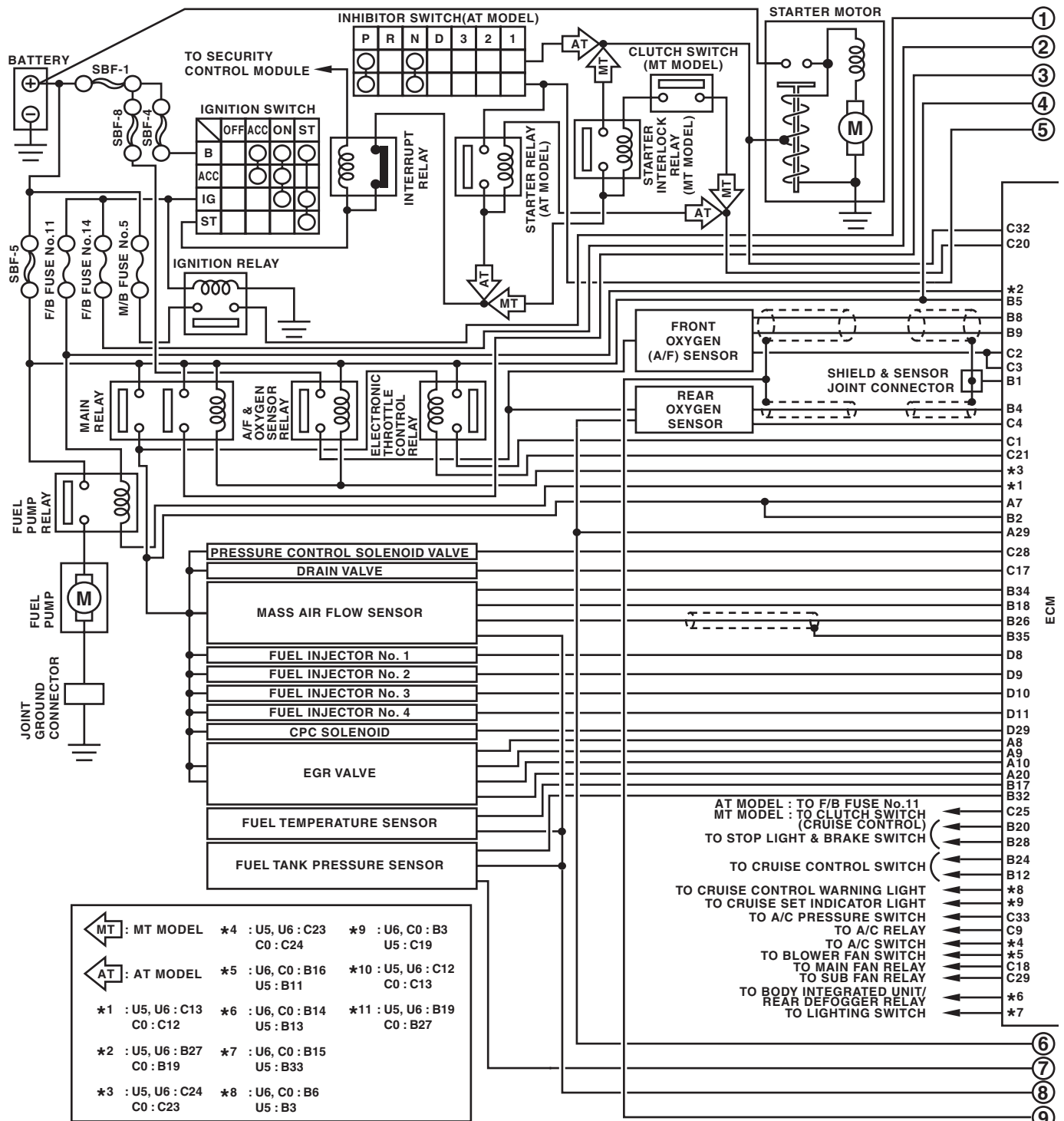
Engine Electrical System

WIRING SYSTEM

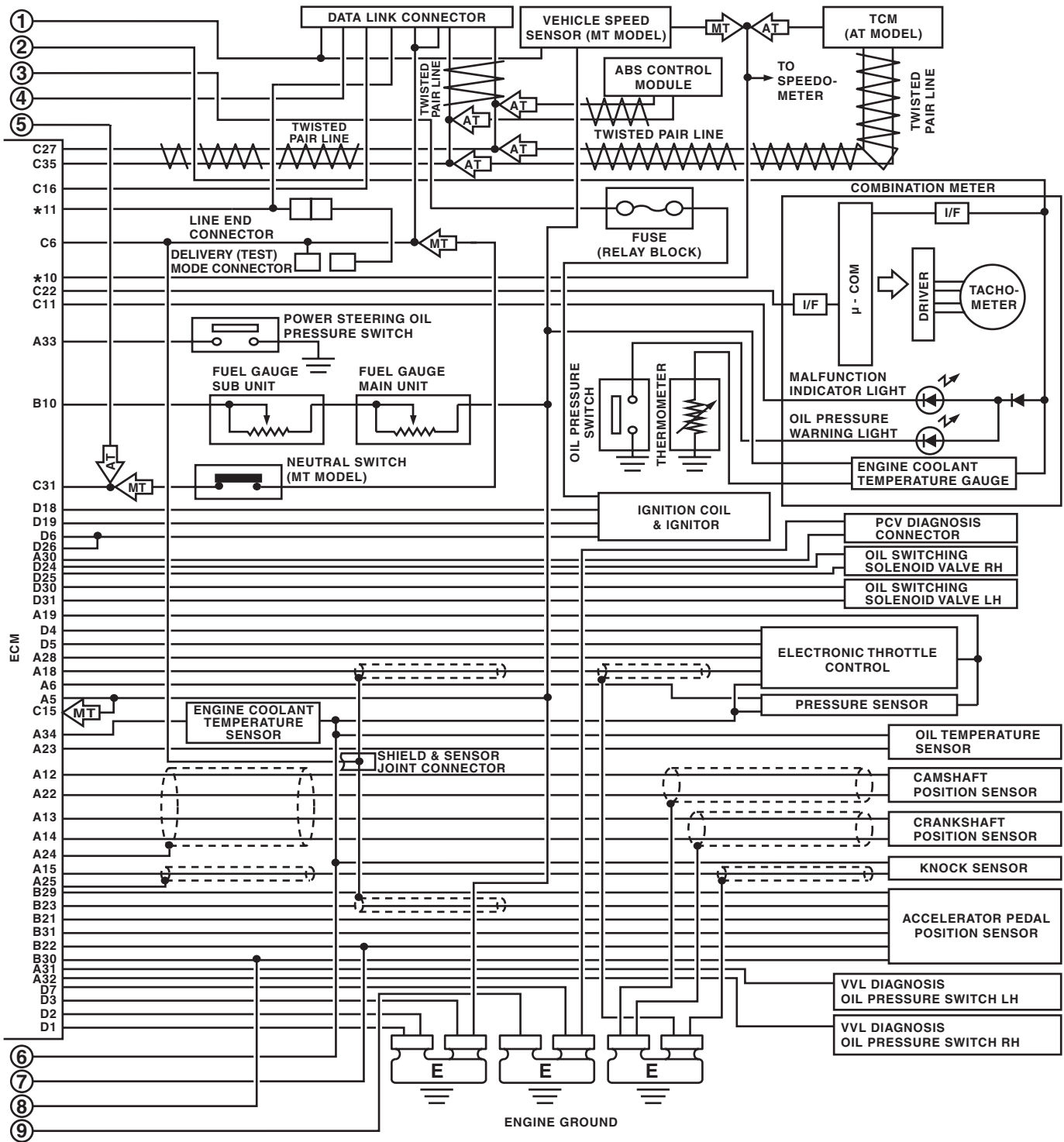
5. Engine Electrical System

A: WIRING DIAGRAM

1. NON-TURBO MODEL



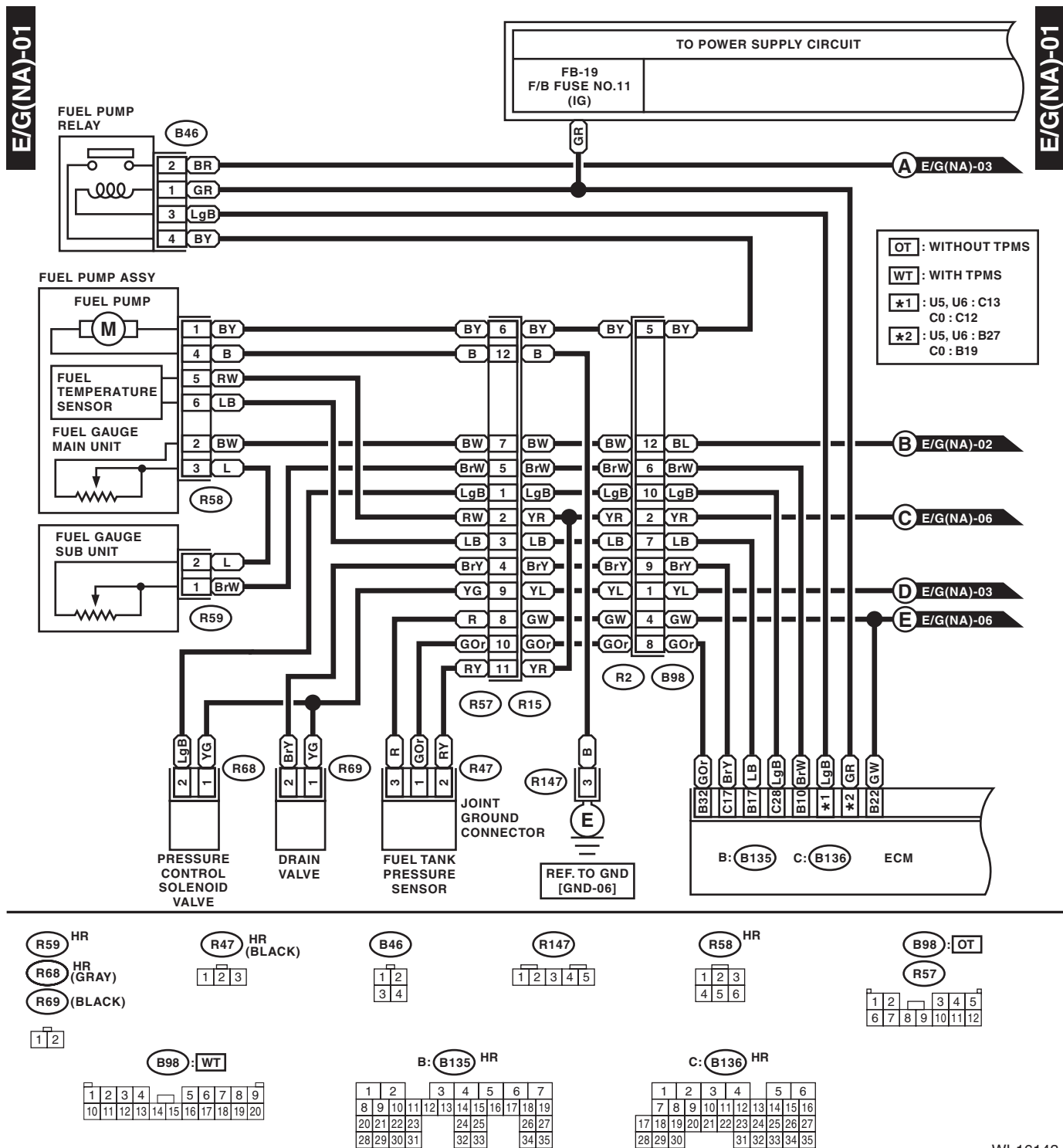
WI-16160



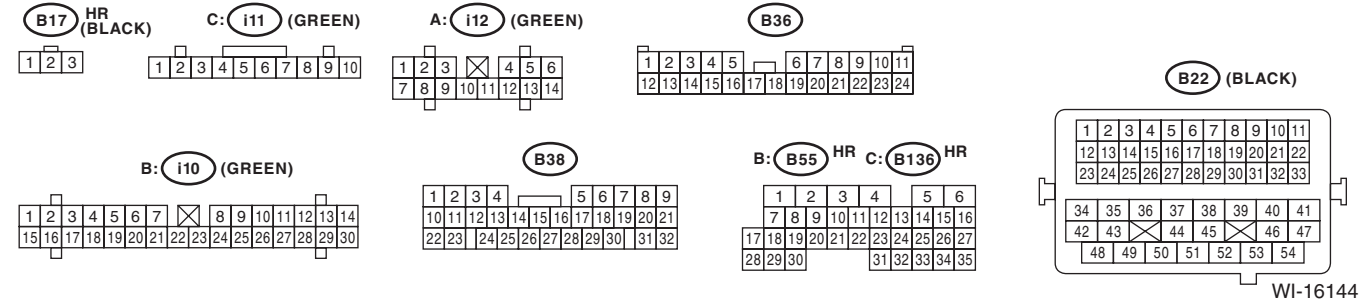
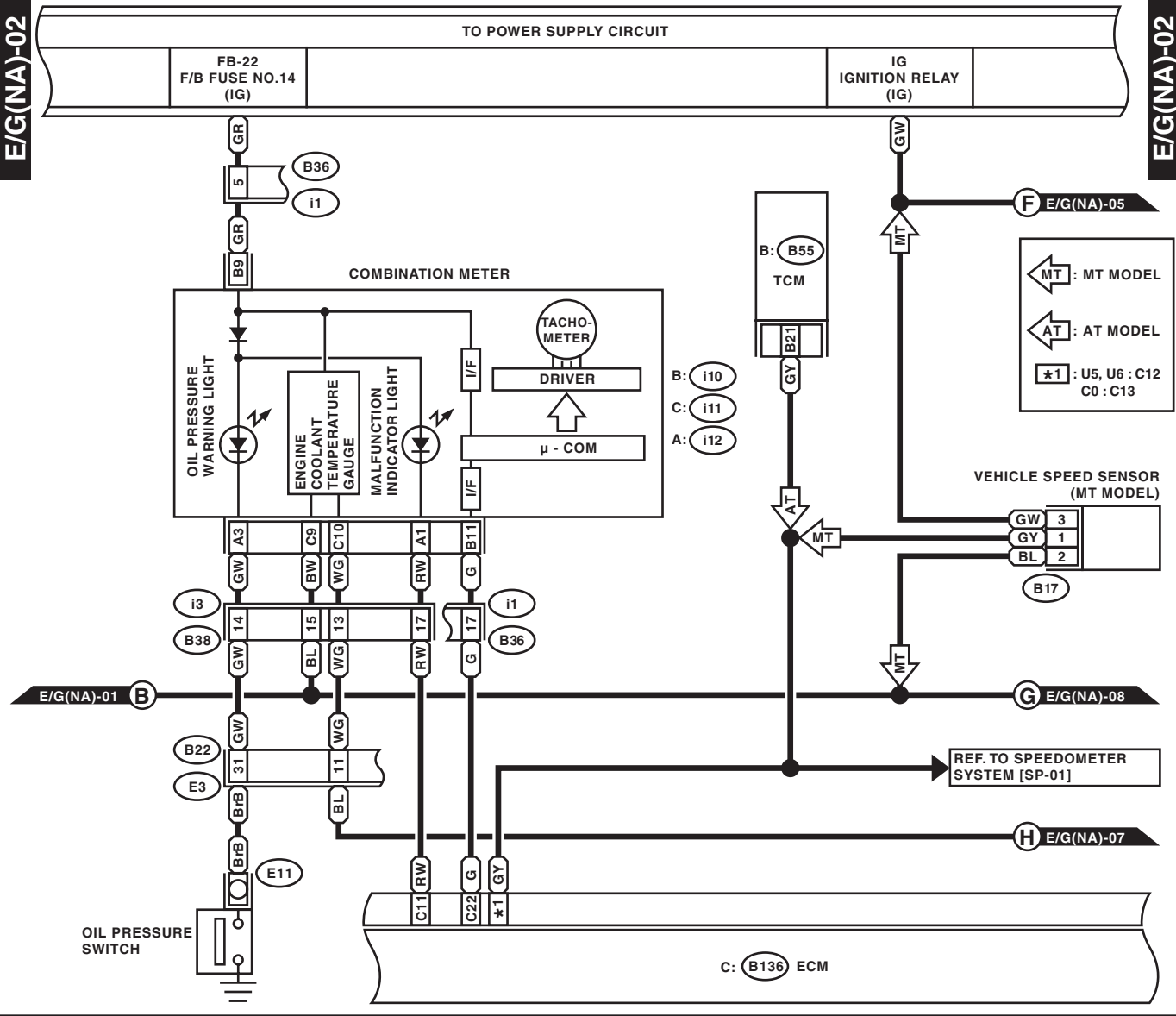
WI-16161

Engine Electrical System

WIRING SYSTEM

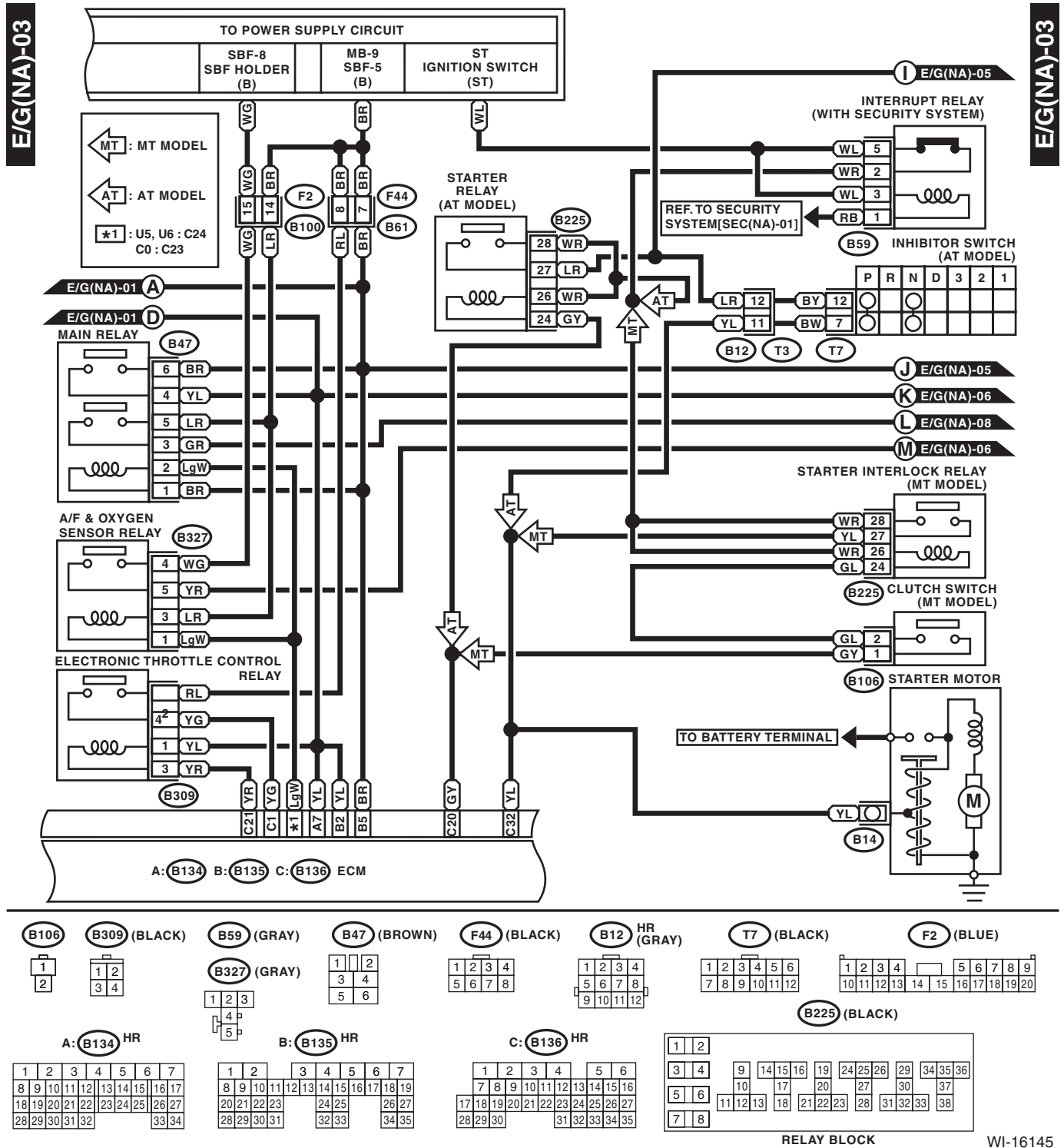


WI-16143

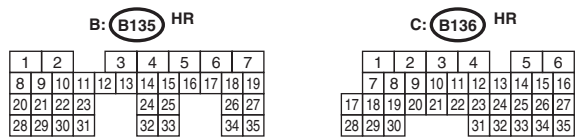


WIRING SYSTEM

WIRING SYSTEM

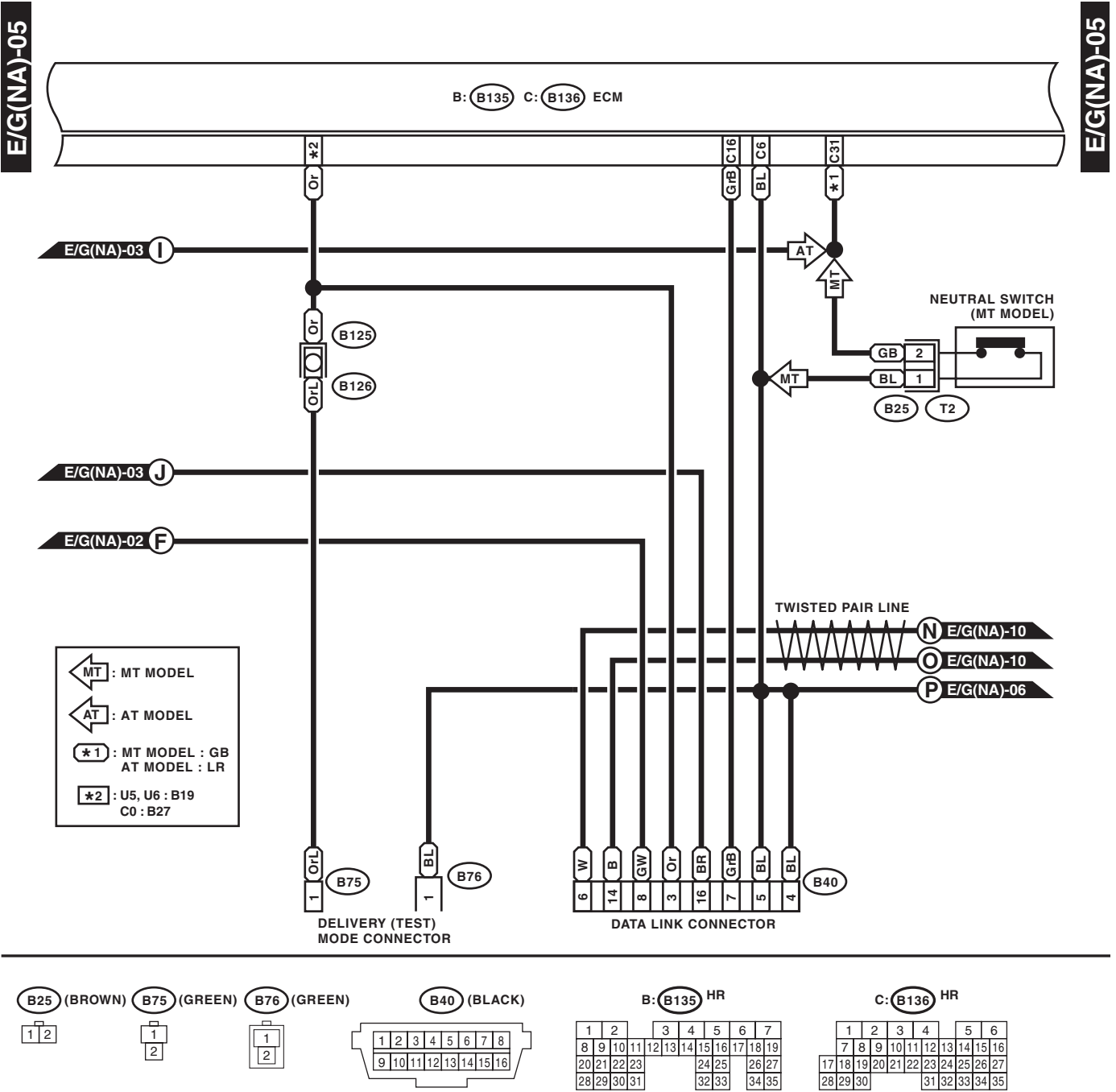


E/G(NA)-04

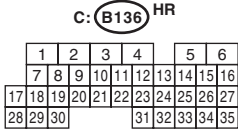
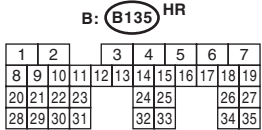
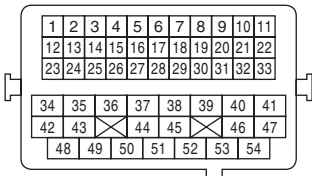
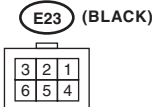
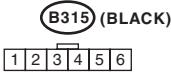
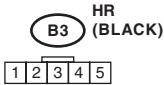
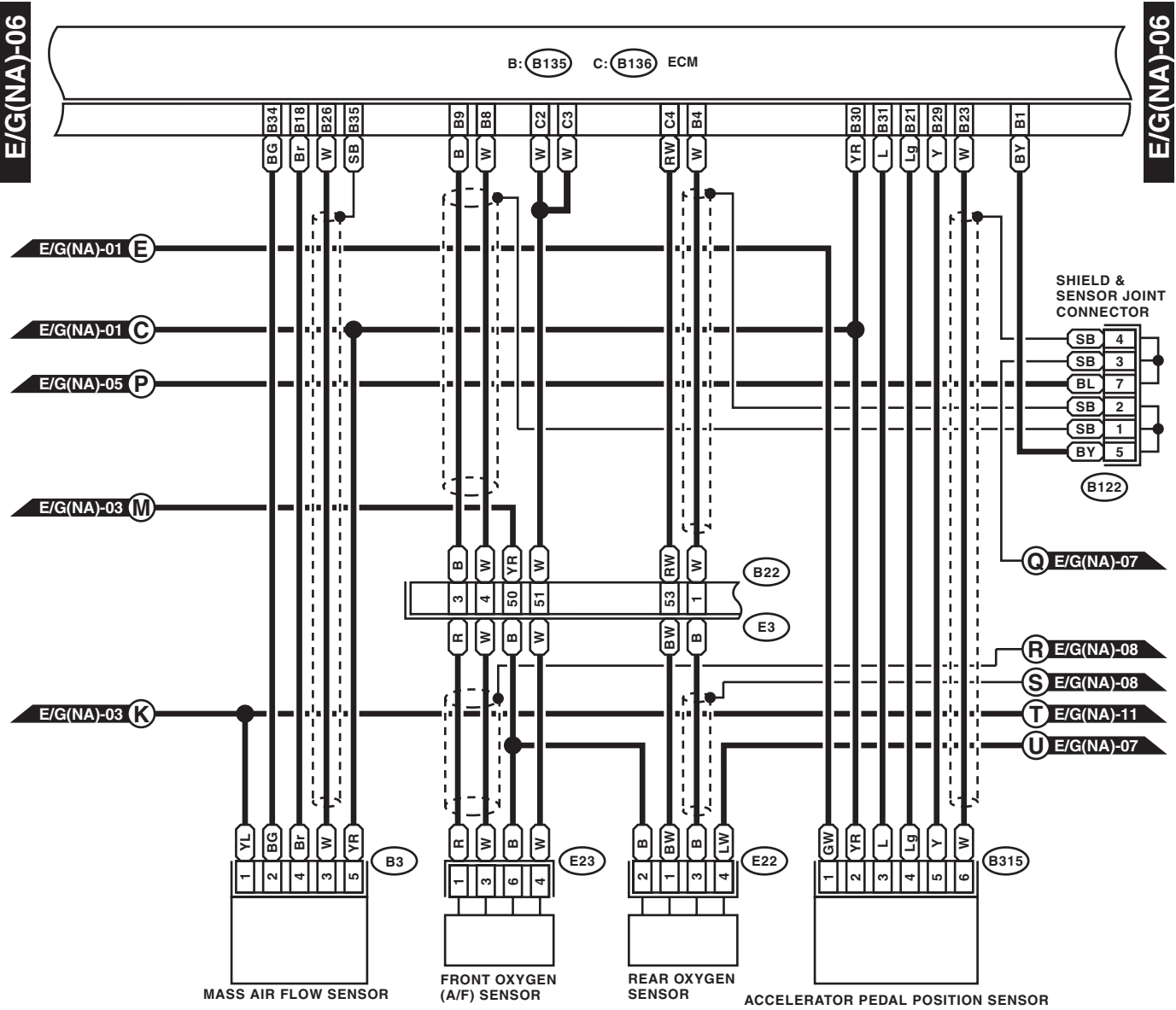


Engine Electrical System

WIRING SYSTEM

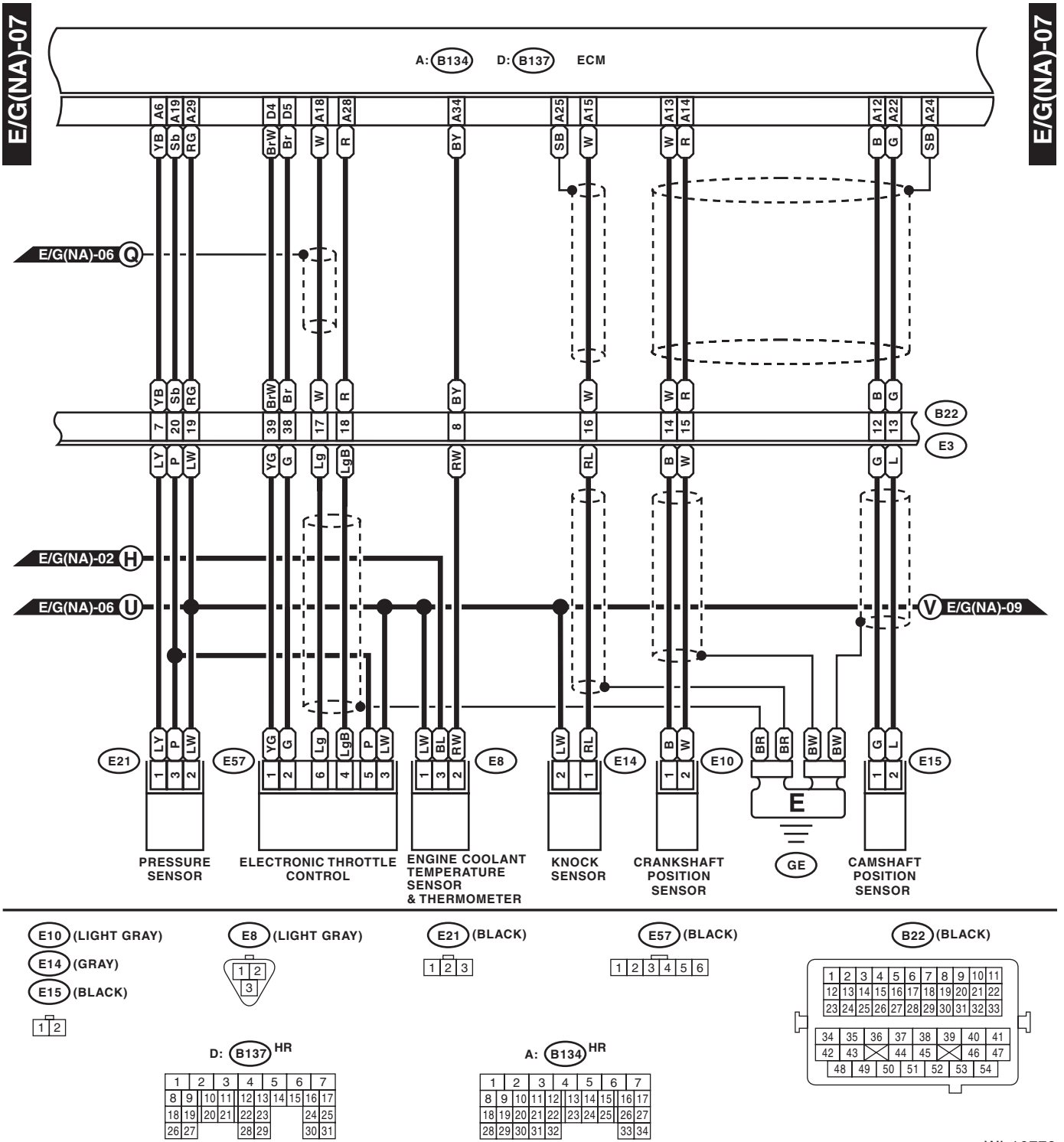


WI-16147



Engine Electrical System

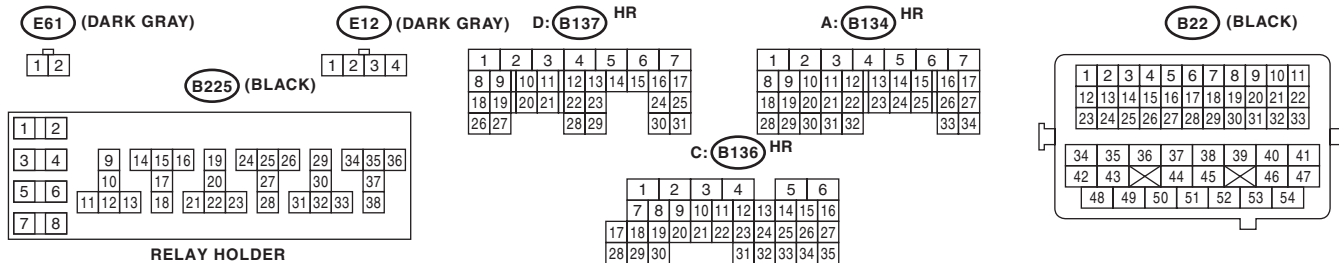
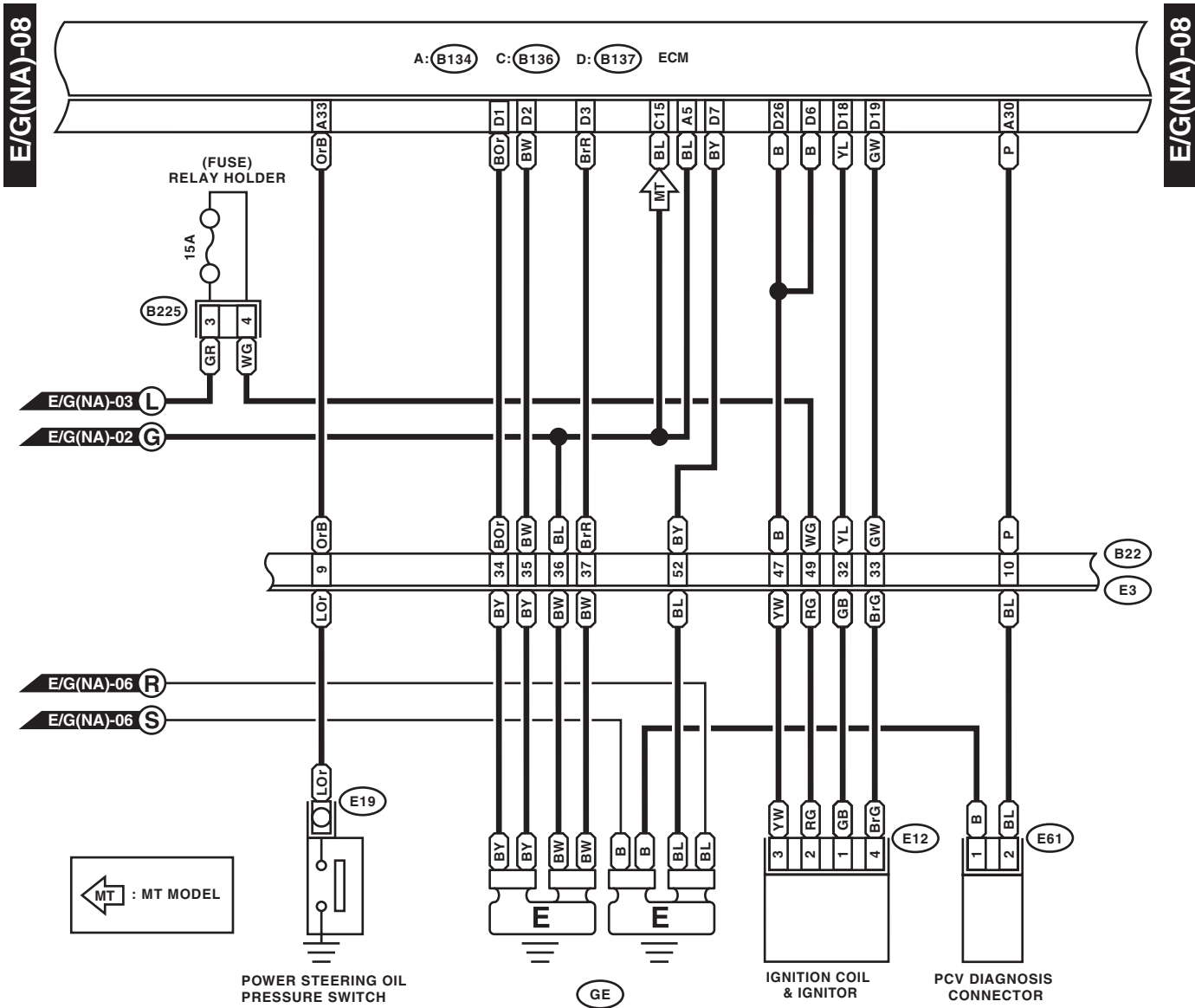
WIRING SYSTEM



WI-16779

Engine Electrical System

WIRING SYSTEM

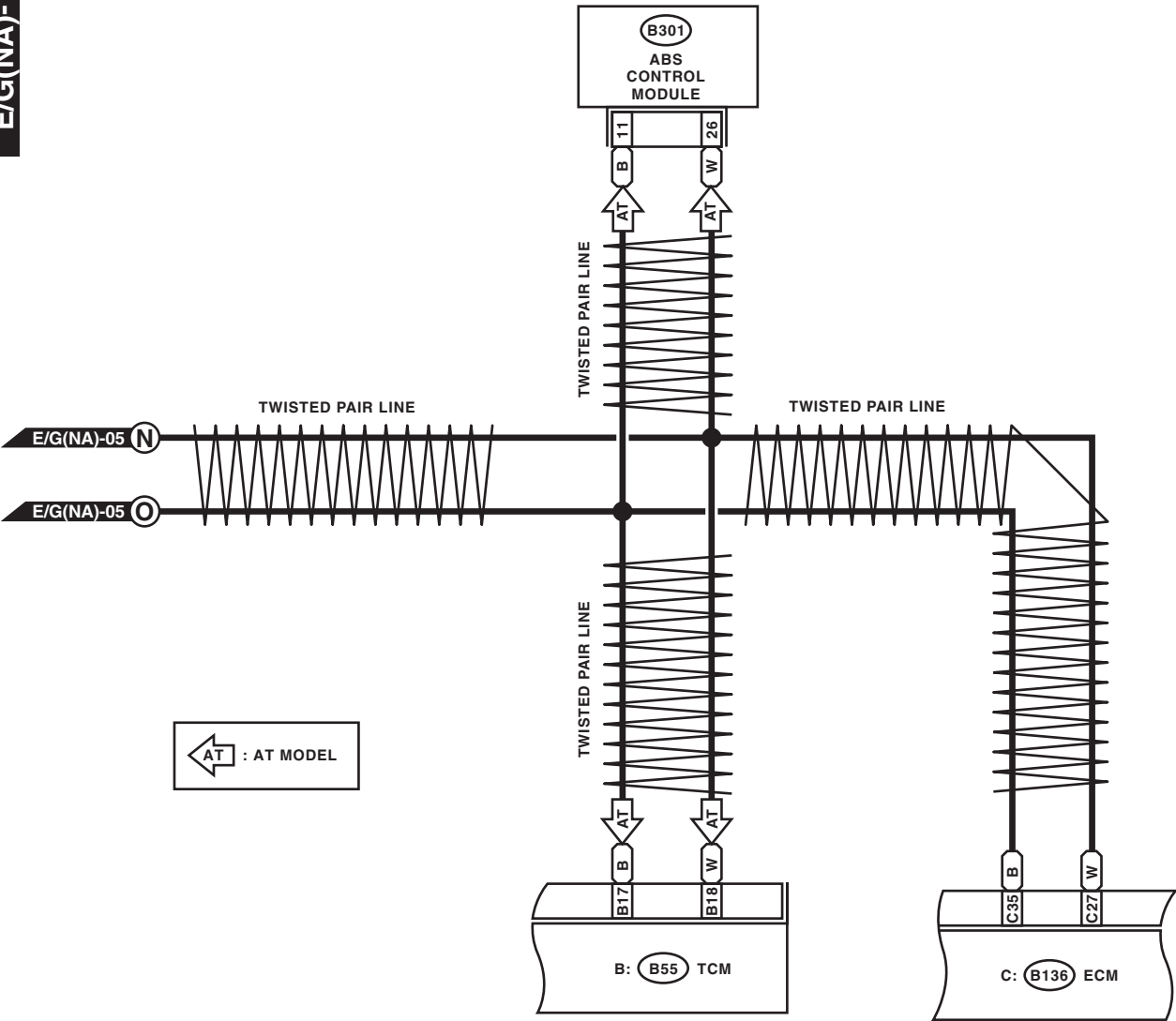


WI-14986

WIRING SYSTEM

E/G(NA)-10

E/G(NA)-10



B301 (BLACK)

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

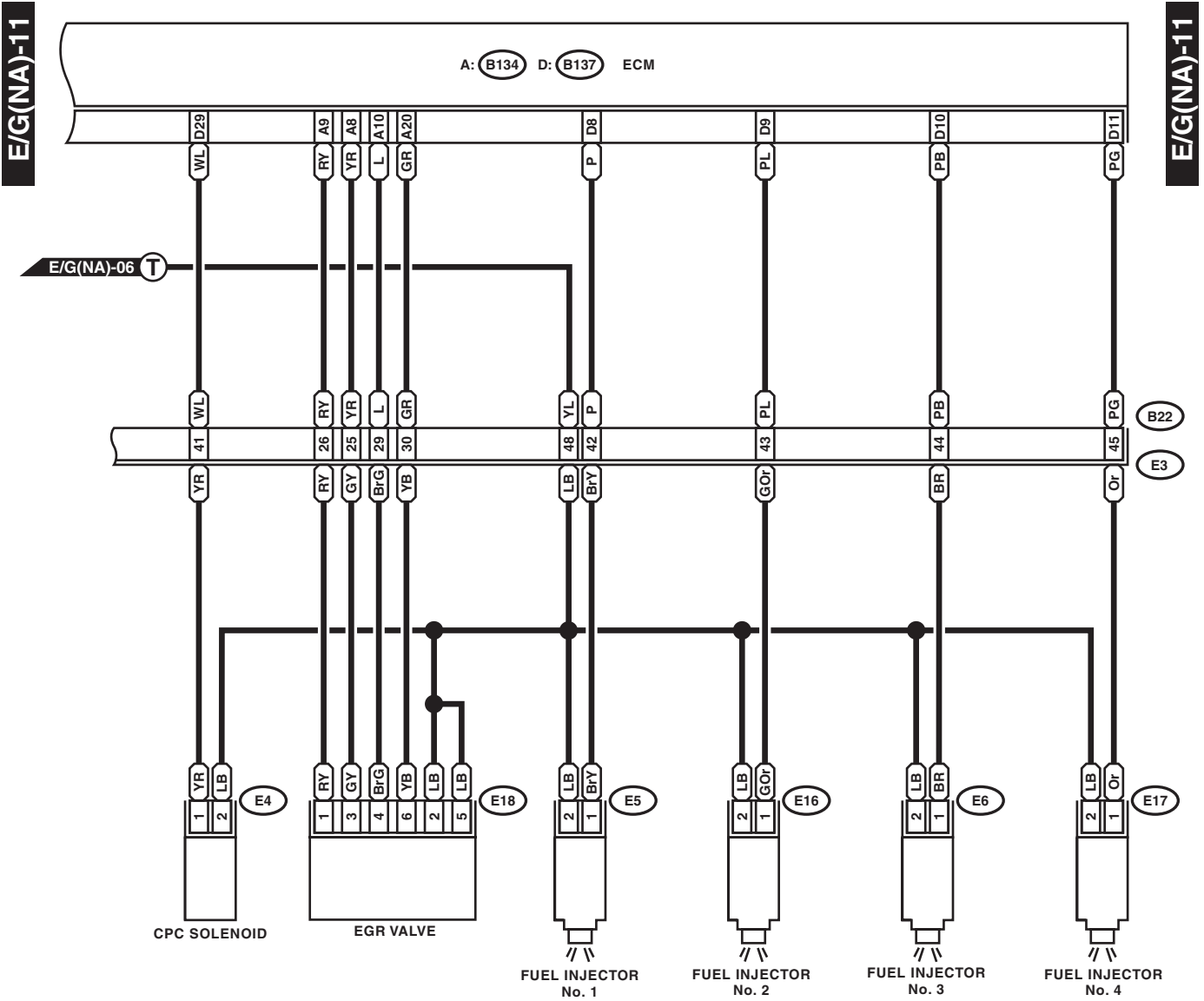
B: B55 HR

C: B136 HR

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

Engine Electrical System

WIRING SYSTEM



E4 (BLACK)

E18 (DARK GRAY)

D: B137 HR

A: B134 HR

B22 (BLACK)

E5 (DARK GRAY)

1	2	3
4	5	6

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

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

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41	42	43	44
45	46	47	48	49	50	51	52	53	54	55

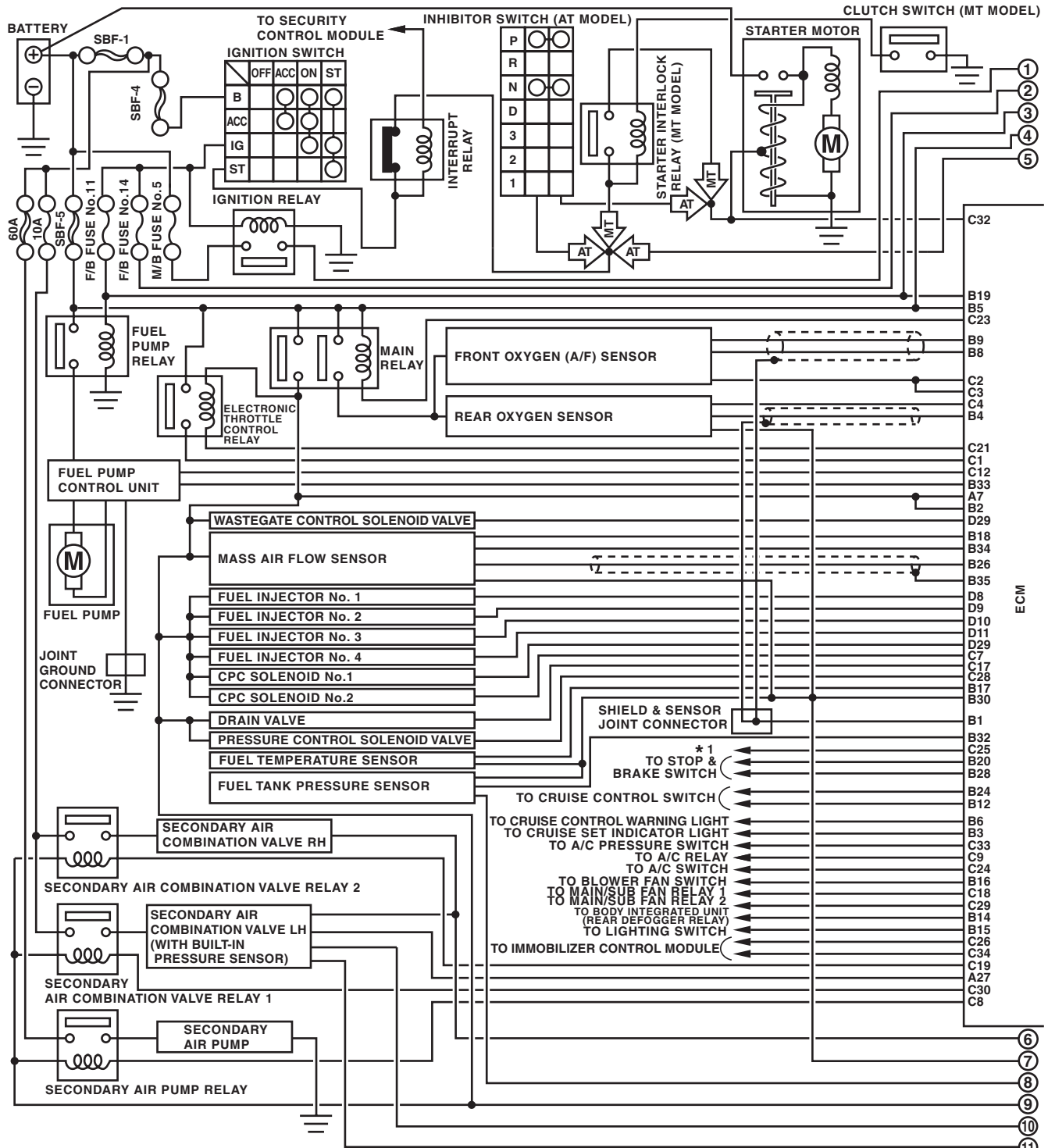
1	2
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WI-17094

Engine Electrical System

WIRING SYSTEM

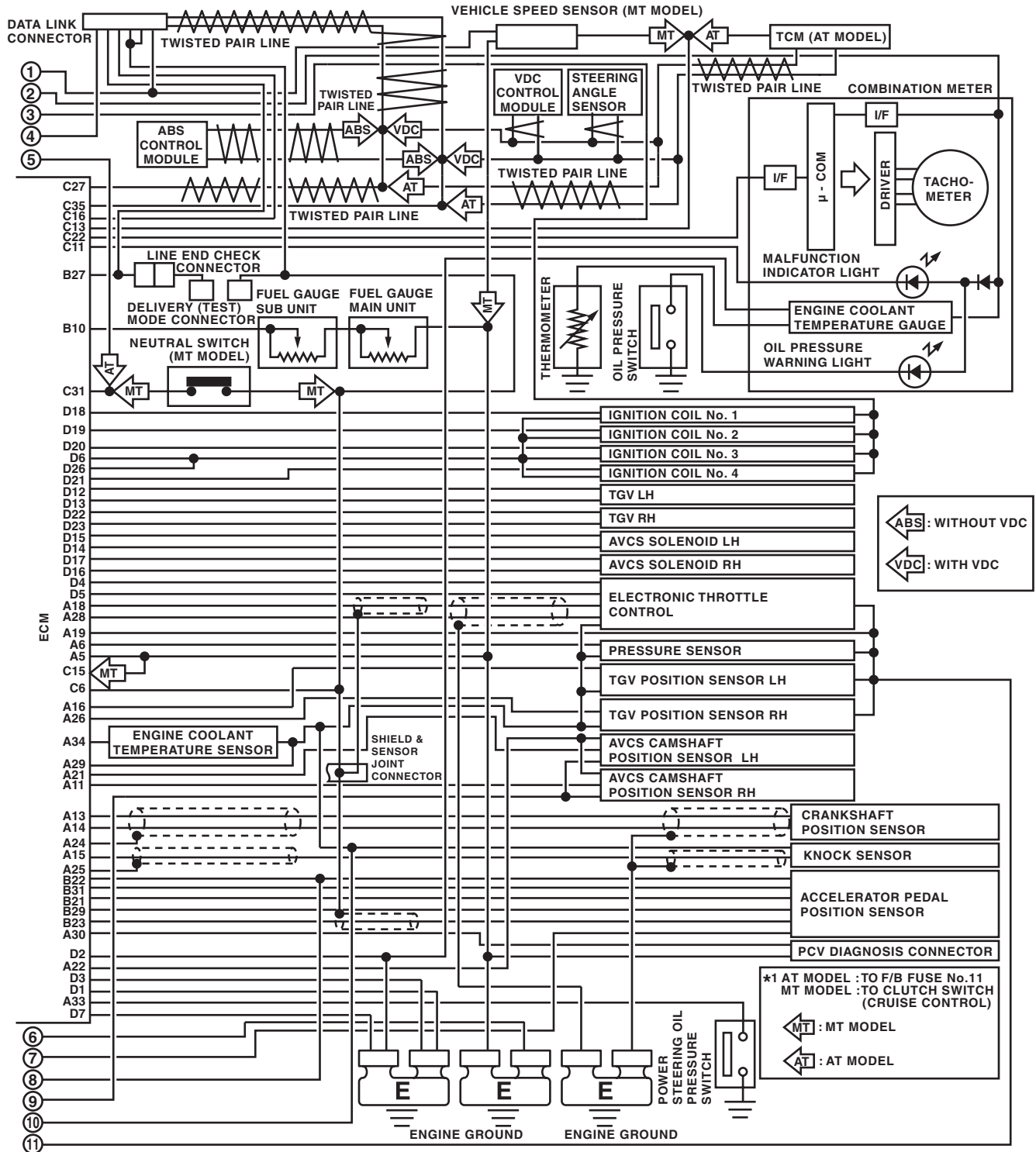
2. TURBO MODEL



WI-16167

Engine Electrical System

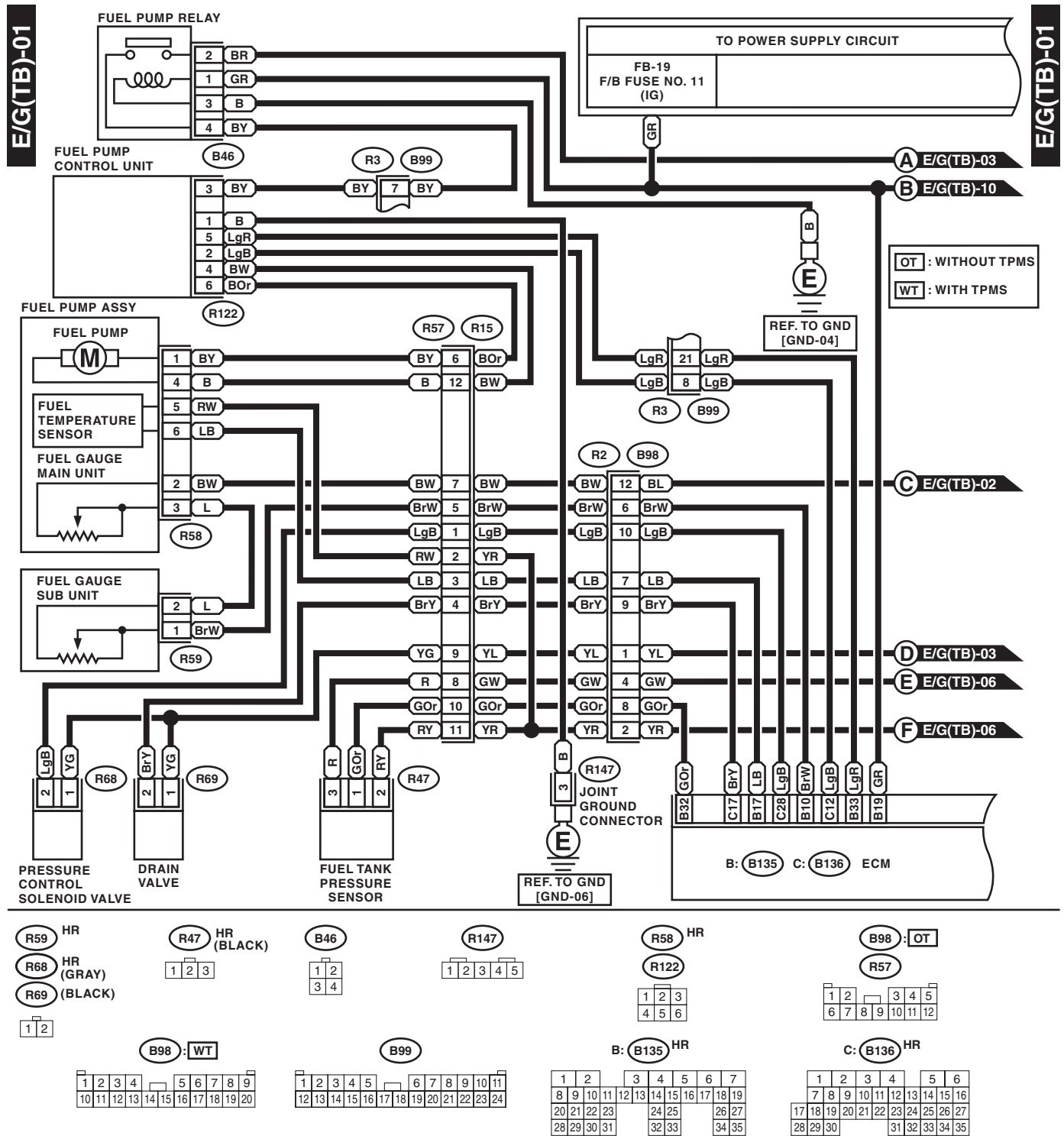
WIRING SYSTEM

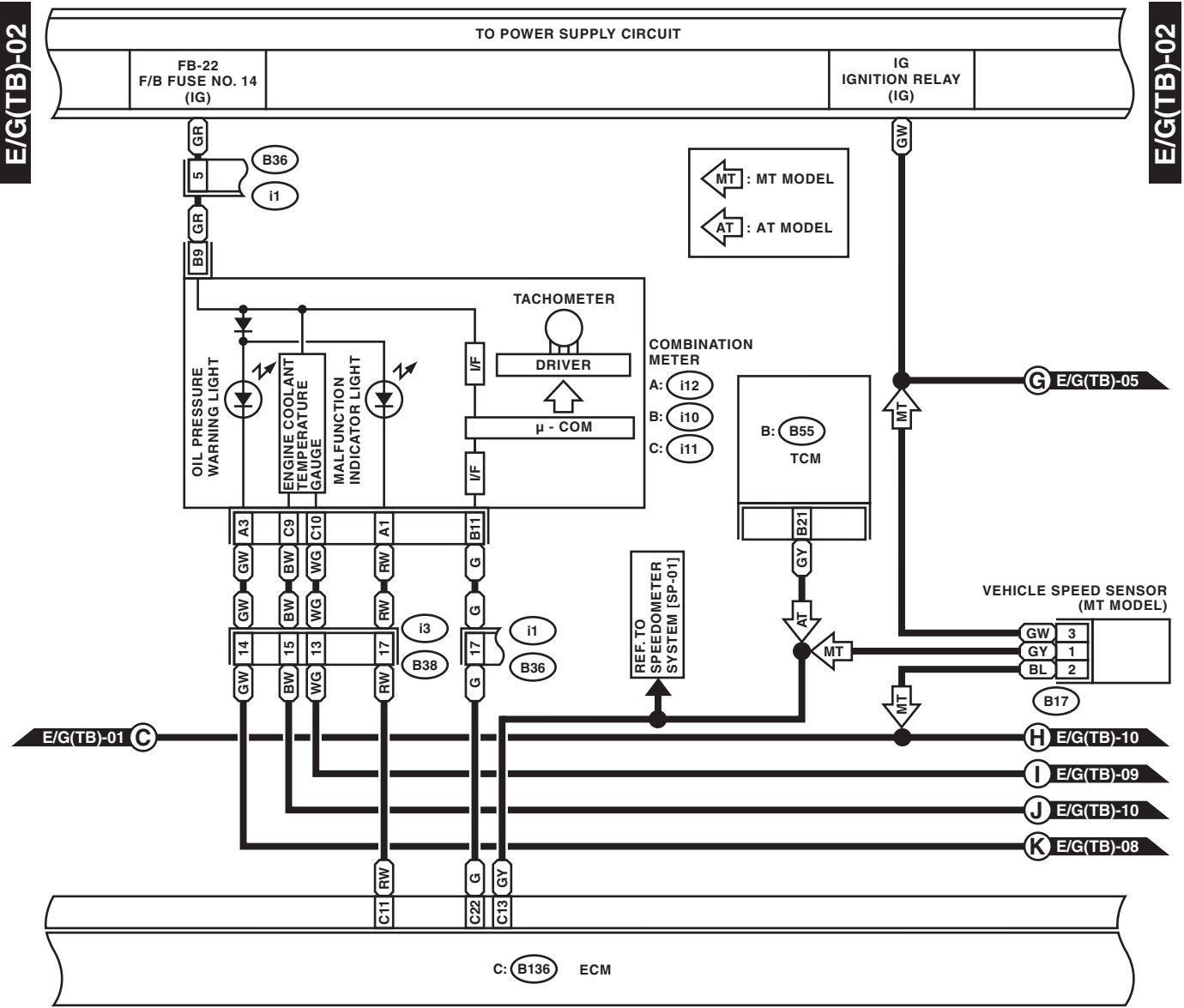


WI-16197

Engine Electrical System

WIRING SYSTEM





B17 HR (BLACK)

1	2
3	4

C: i11 (GREEN)

1	2	3	4	5	6	7	8	9	10
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A: i12 (GREEN)

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

B36

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

B: 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												

B38

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

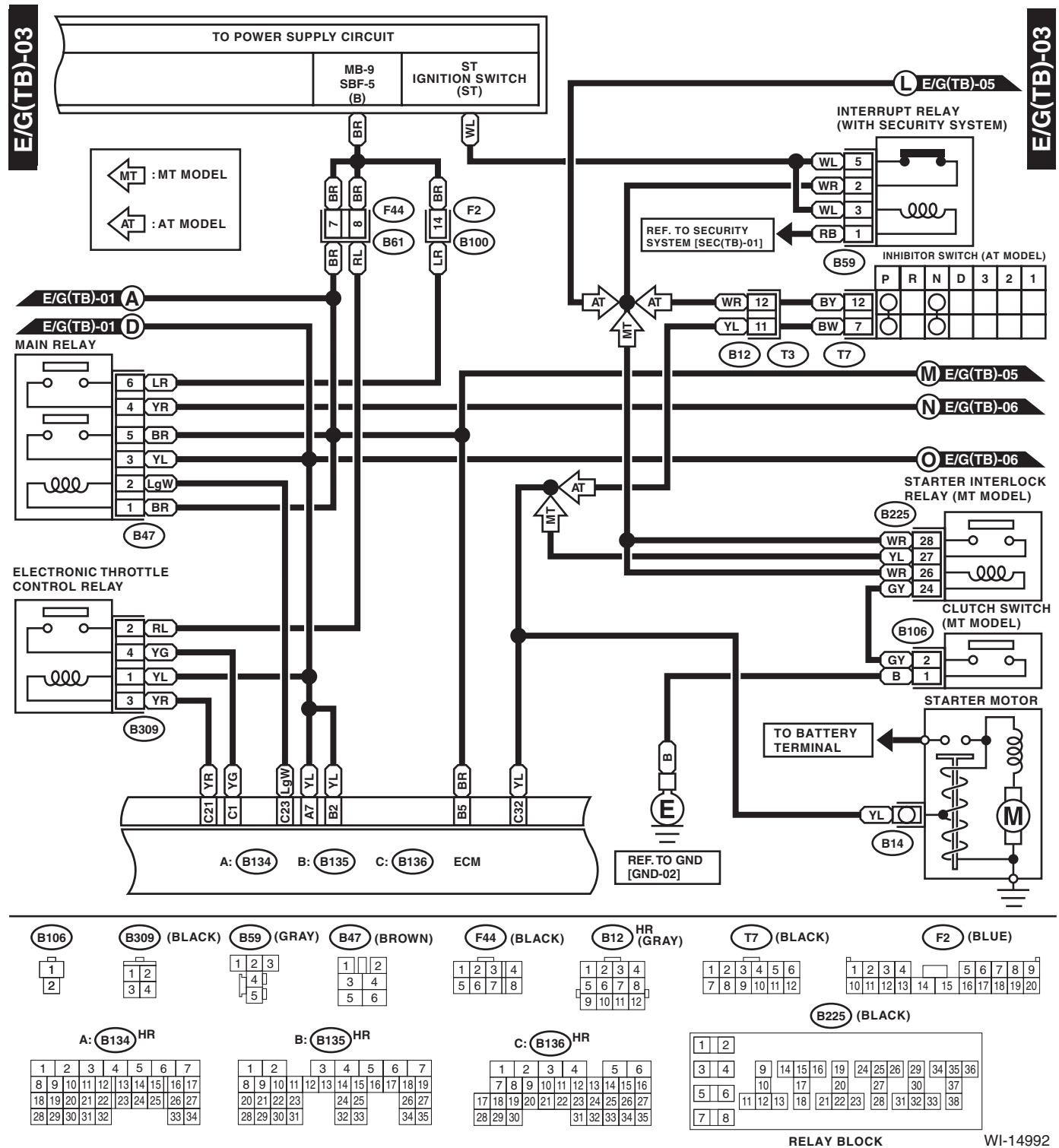
B: B55 HR C: B136 HR

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

WI-16170

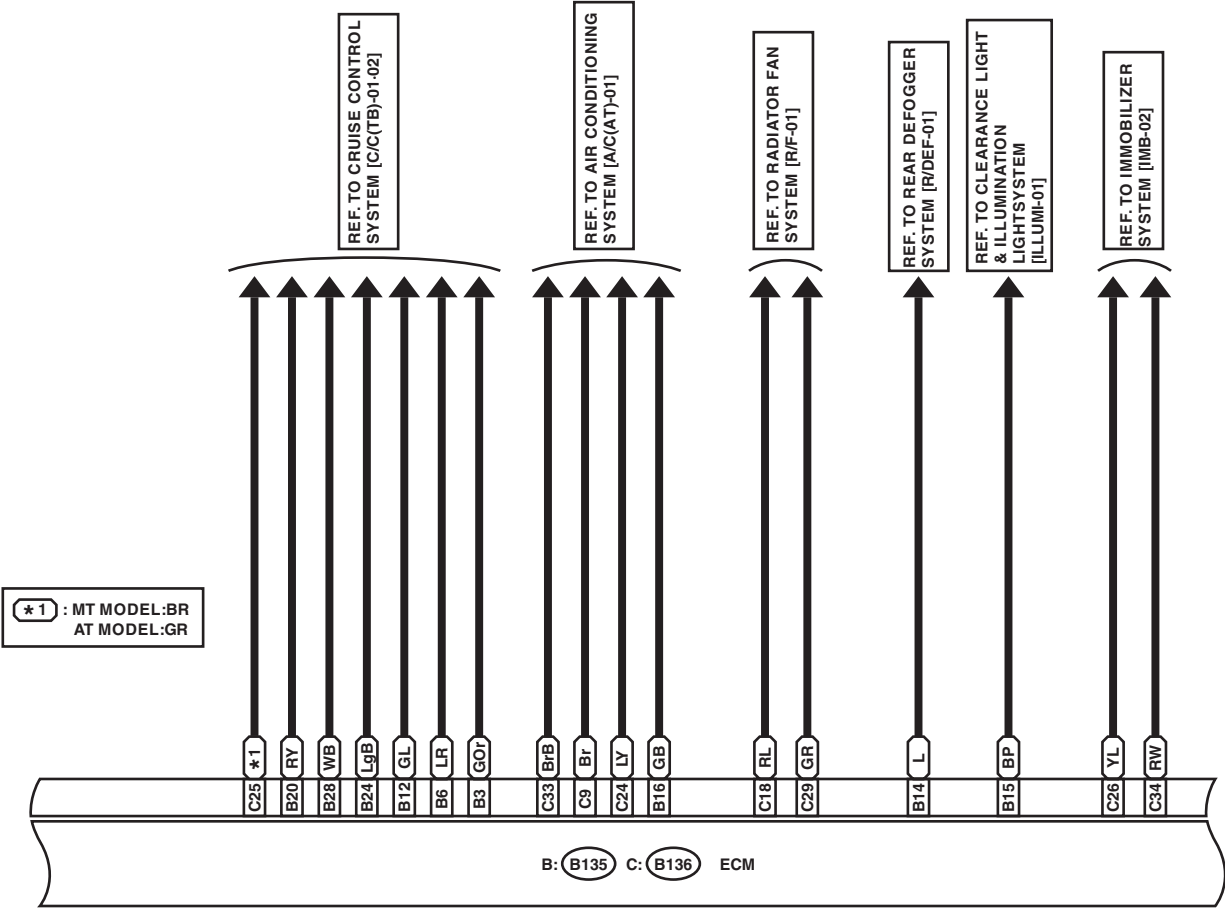
Engine Electrical System

WIRING SYSTEM



E/G(TB)-04

E/G(TB)-04



B: B135 HR

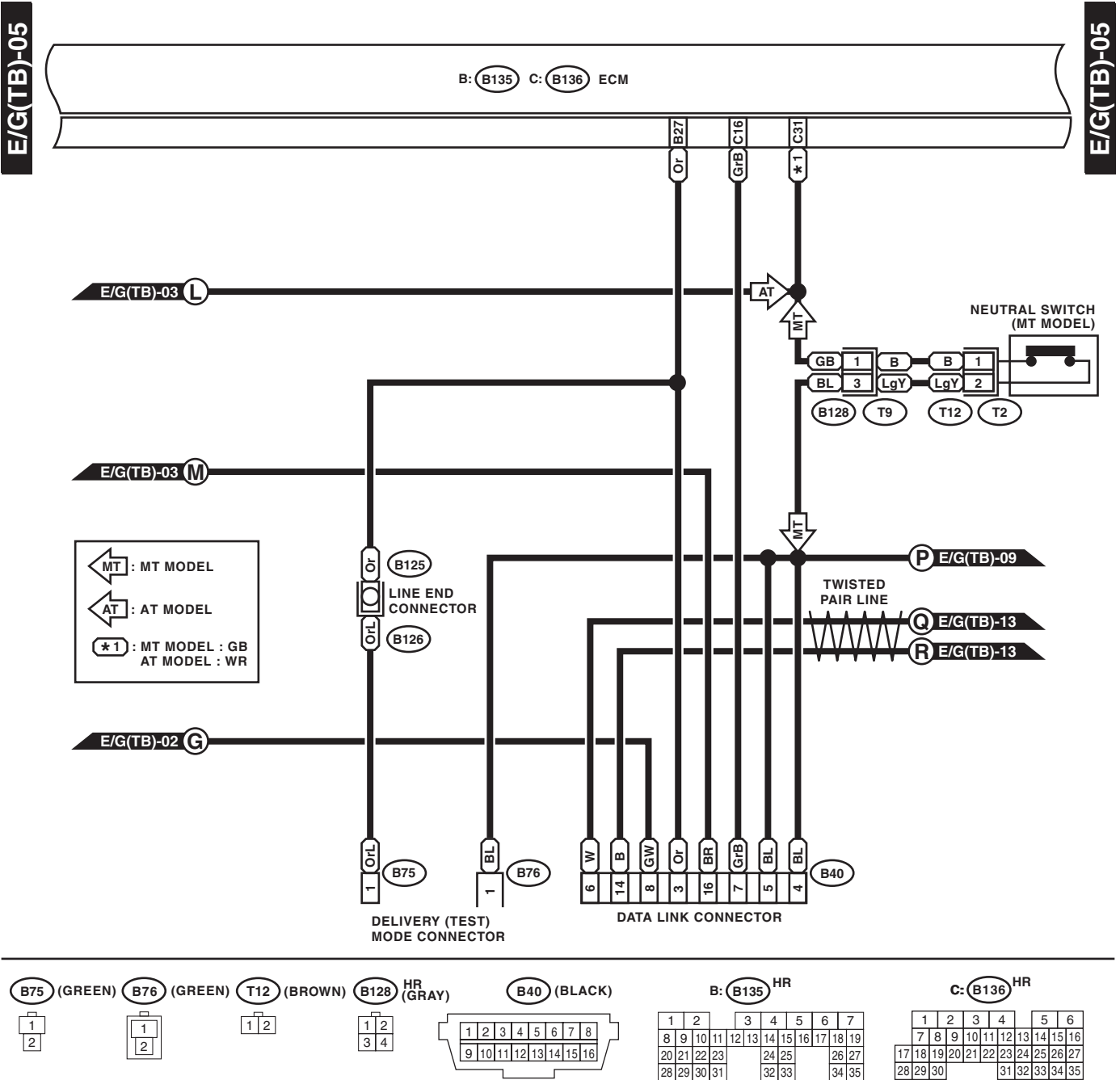
1	2		3	4	5	6	7
8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23
24	25		26	27			
28	29	30	31	32	33	34	35

C: B136 HR

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

Engine Electrical System

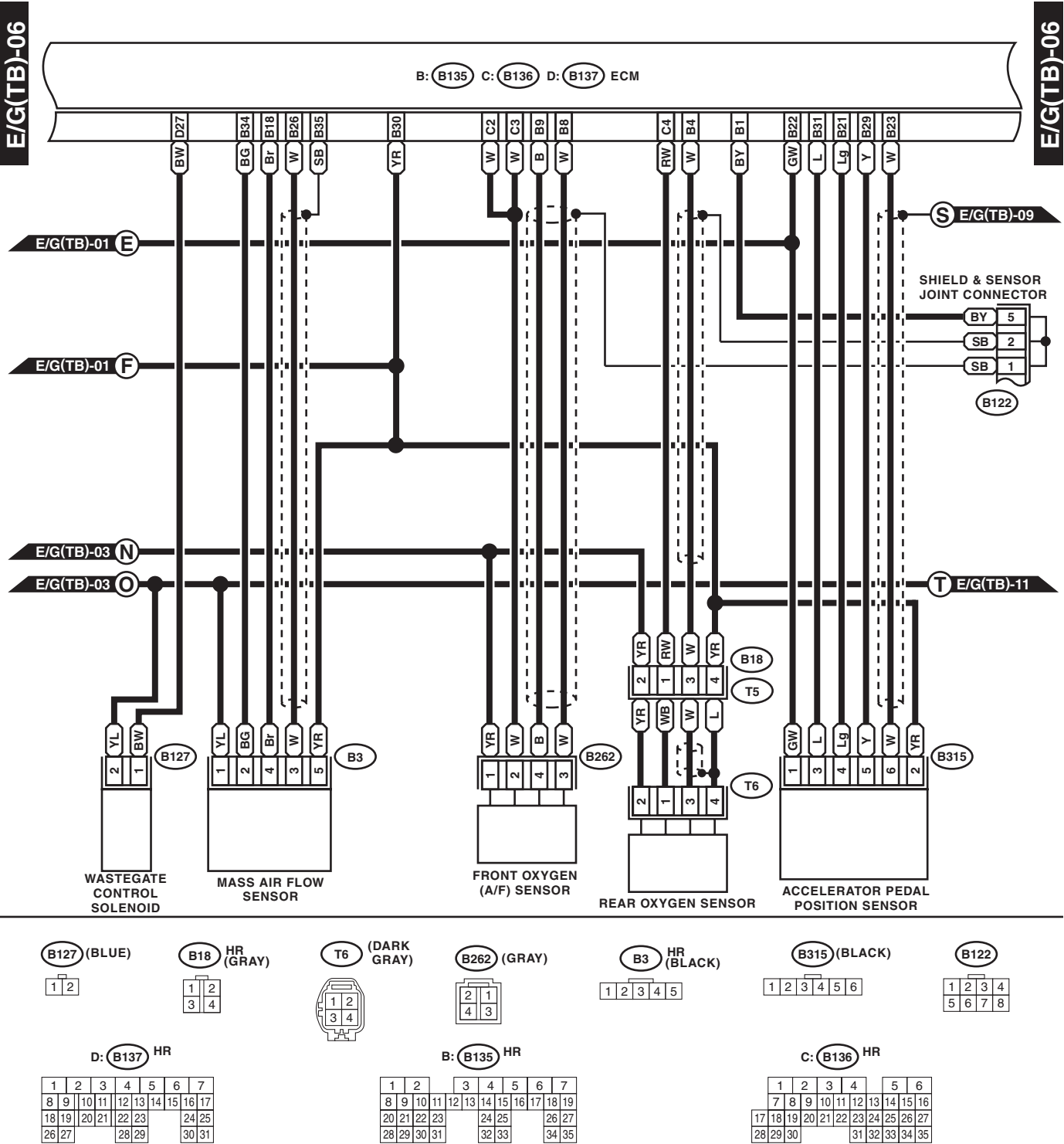
WIRING SYSTEM



WI-16196

Engine Electrical System

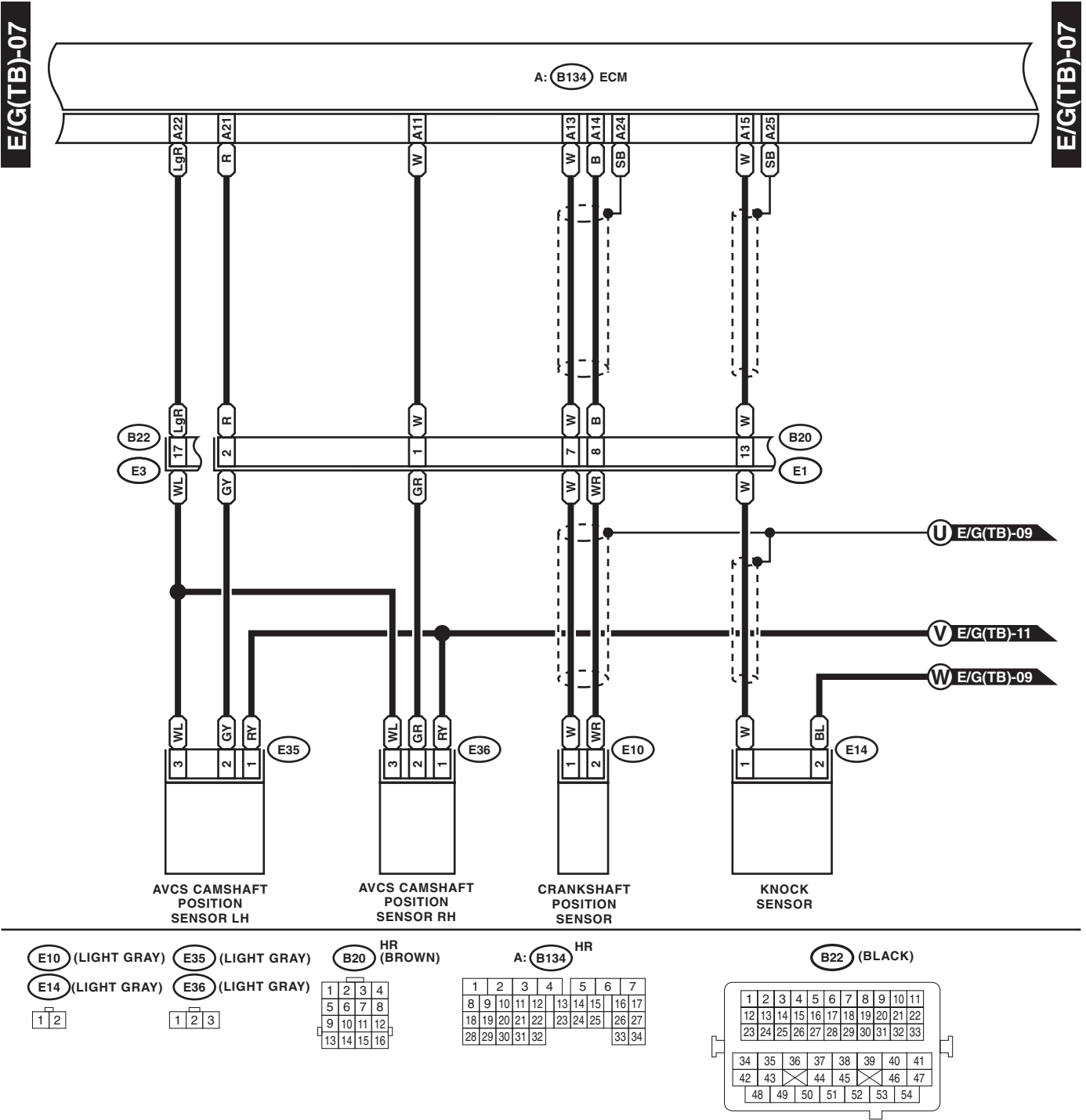
WIRING SYSTEM



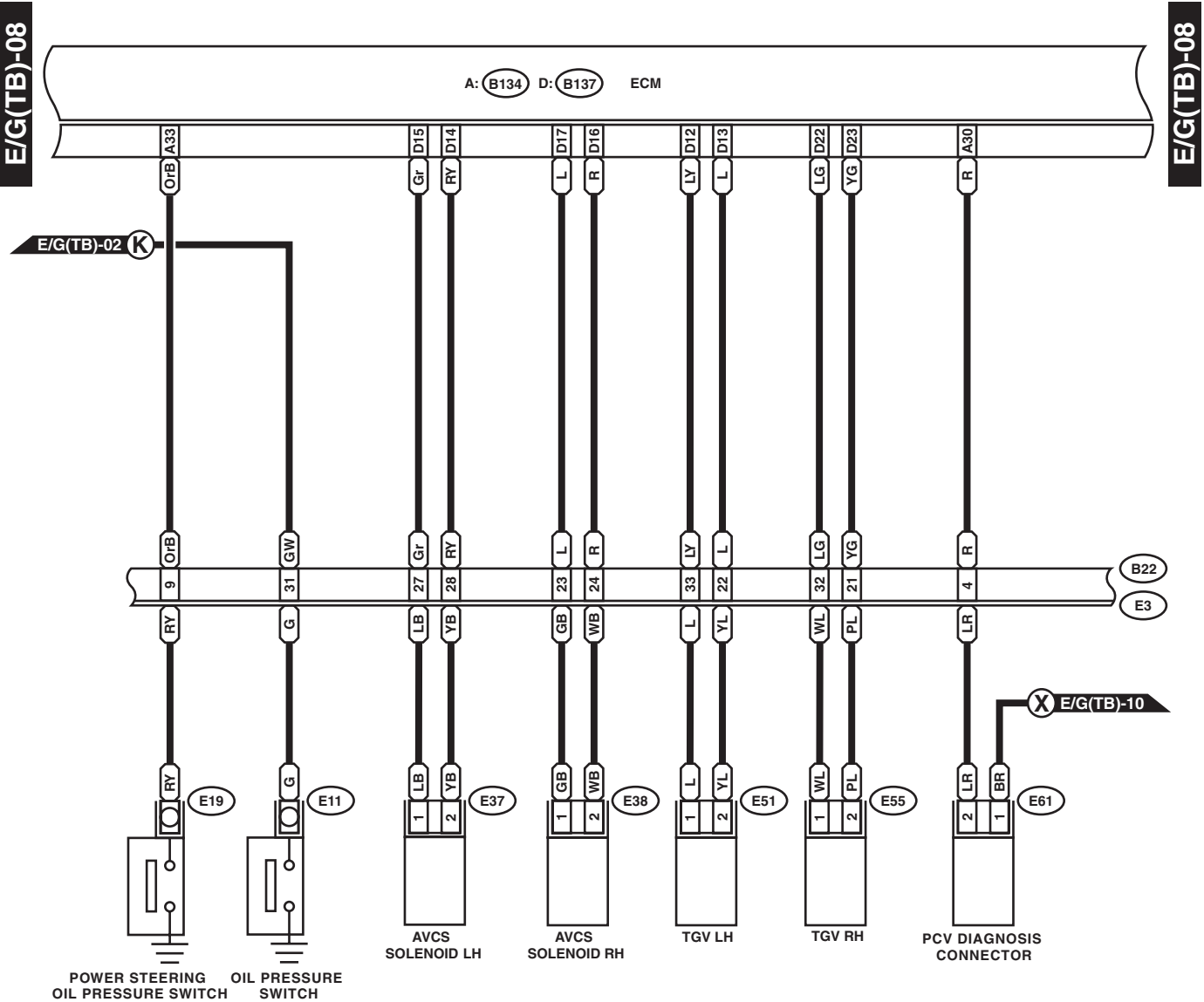
WI-16835

Engine Electrical System

WIRING SYSTEM



WI-14996



- E37 (BLUE)
 - E38 (BLUE)
 - E51 (BLACK)
 - E55 (BLACK)
 - E61 (DARK GRAY)
- | | |
|---|---|
| 1 | 2 |
|---|---|

D: B137 HR

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

A: B134 HR

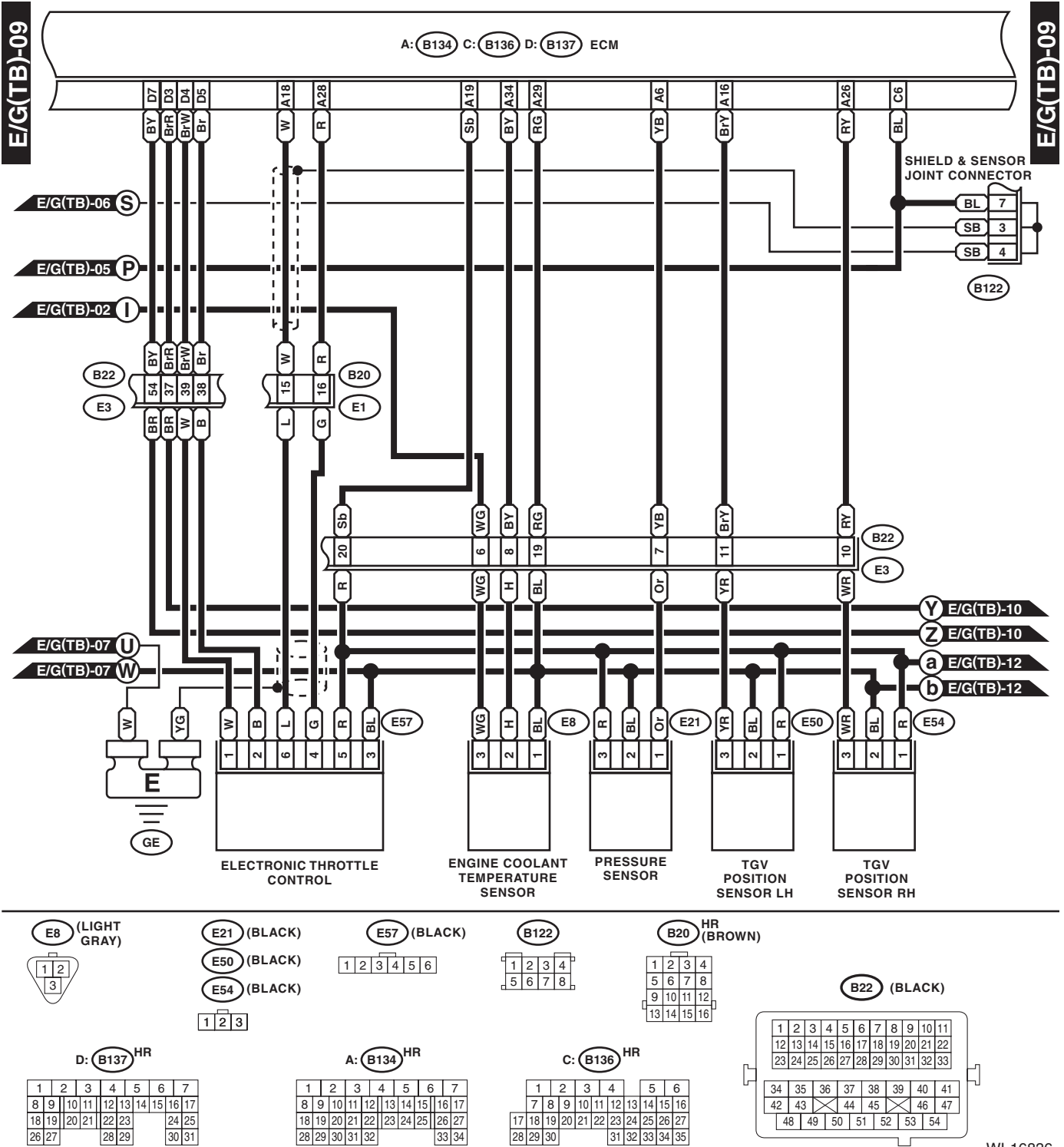
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	

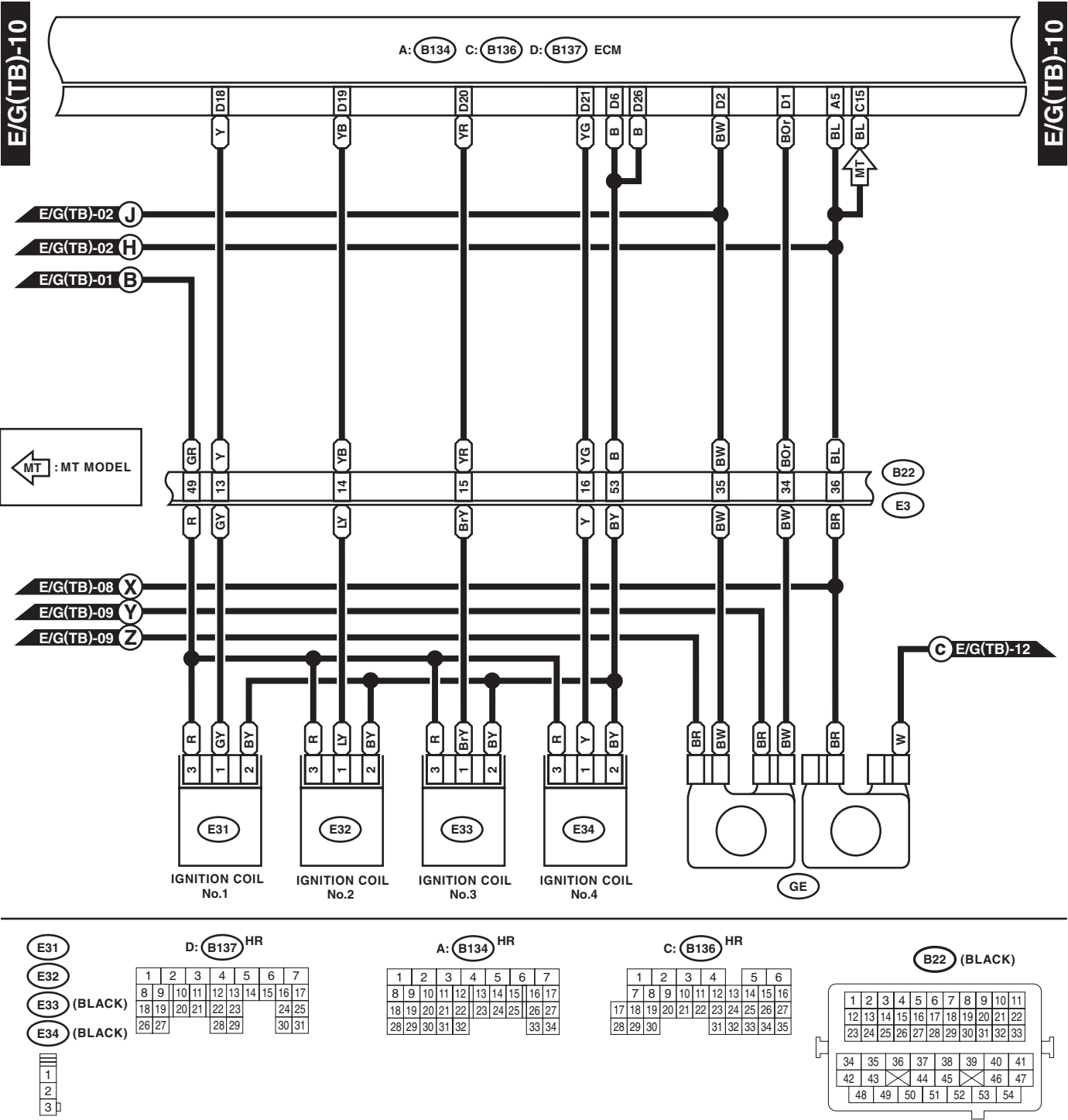
B22 (BLACK)

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

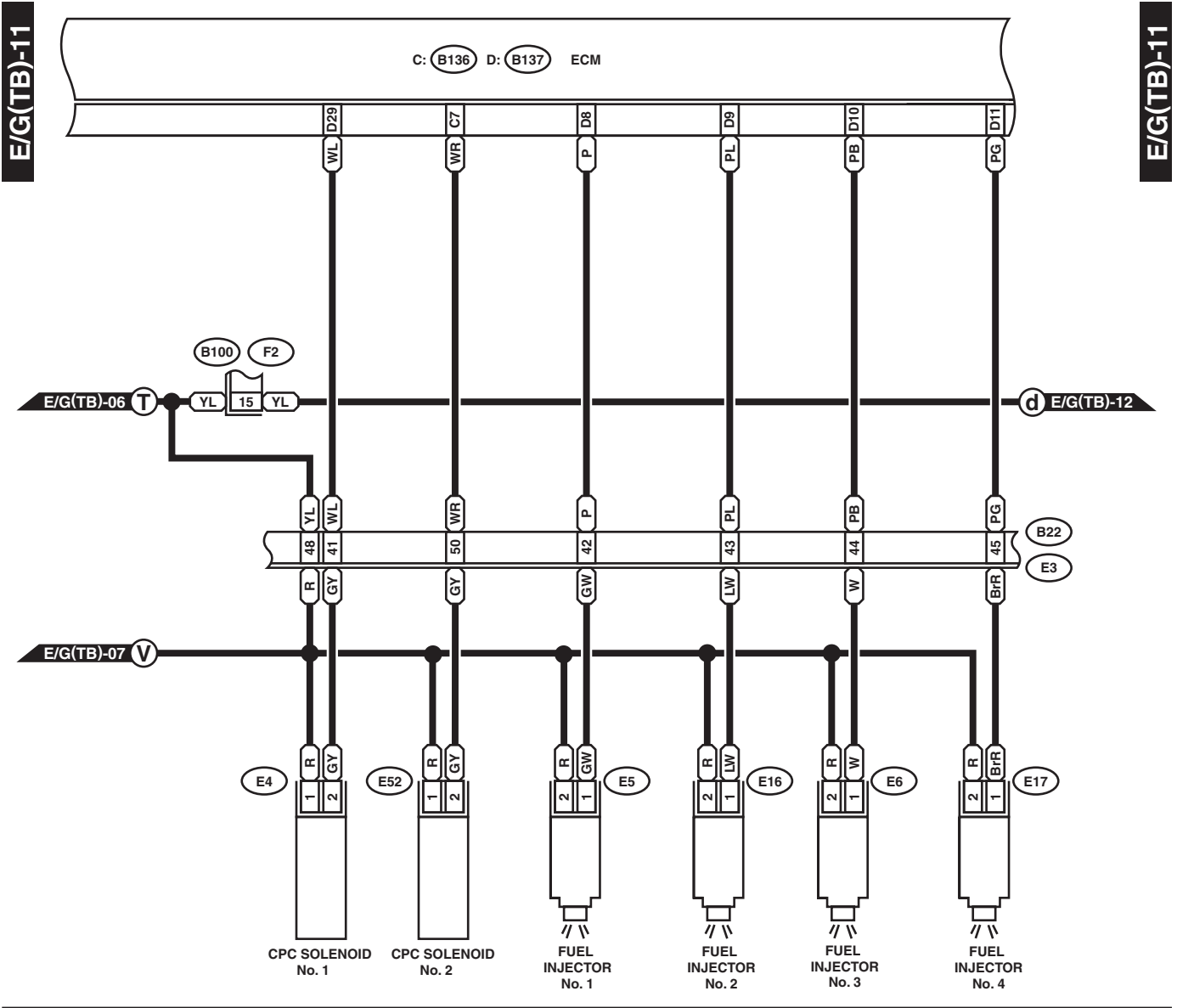
WIRING SYSTEM





Engine Electrical System

WIRING SYSTEM



E5 (DARK GRAY)

E6 (DARK GRAY)

E16 (DARK GRAY)

E17 (DARK GRAY)

1 2

E4 (BLACK)

E52

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				

F2 (BLUE)

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

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	

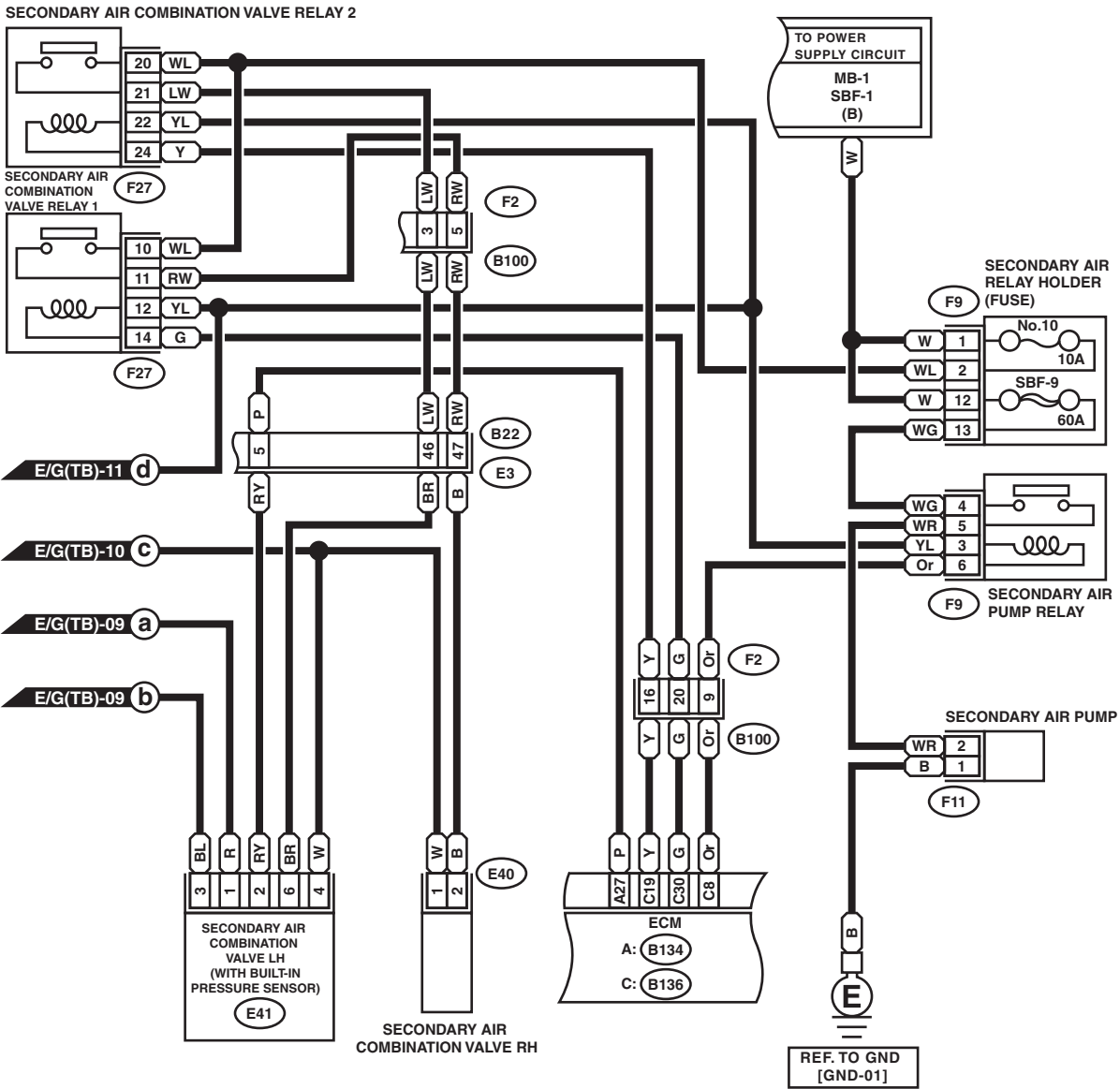
B22 (BLACK)

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

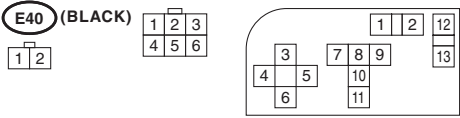
WI-15000

E/G(TB)-12

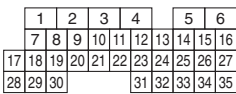
E/G(TB)-12



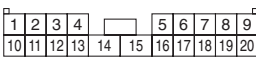
F11 (GRAY) E41 (BLACK) F9 (BLACK)



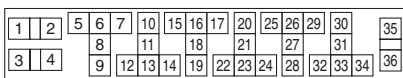
C: B136 HR



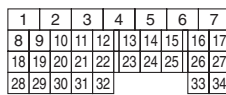
F2 (BLUE)



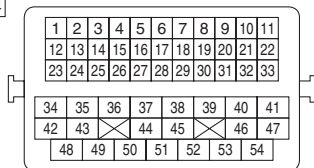
F27 (BLACK)



A: B134 HR



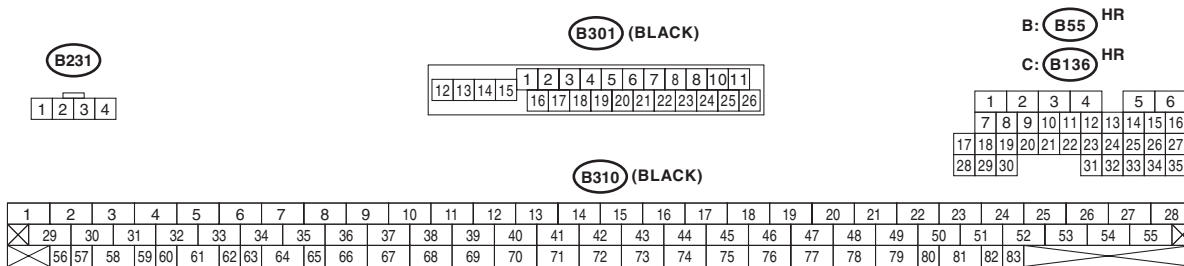
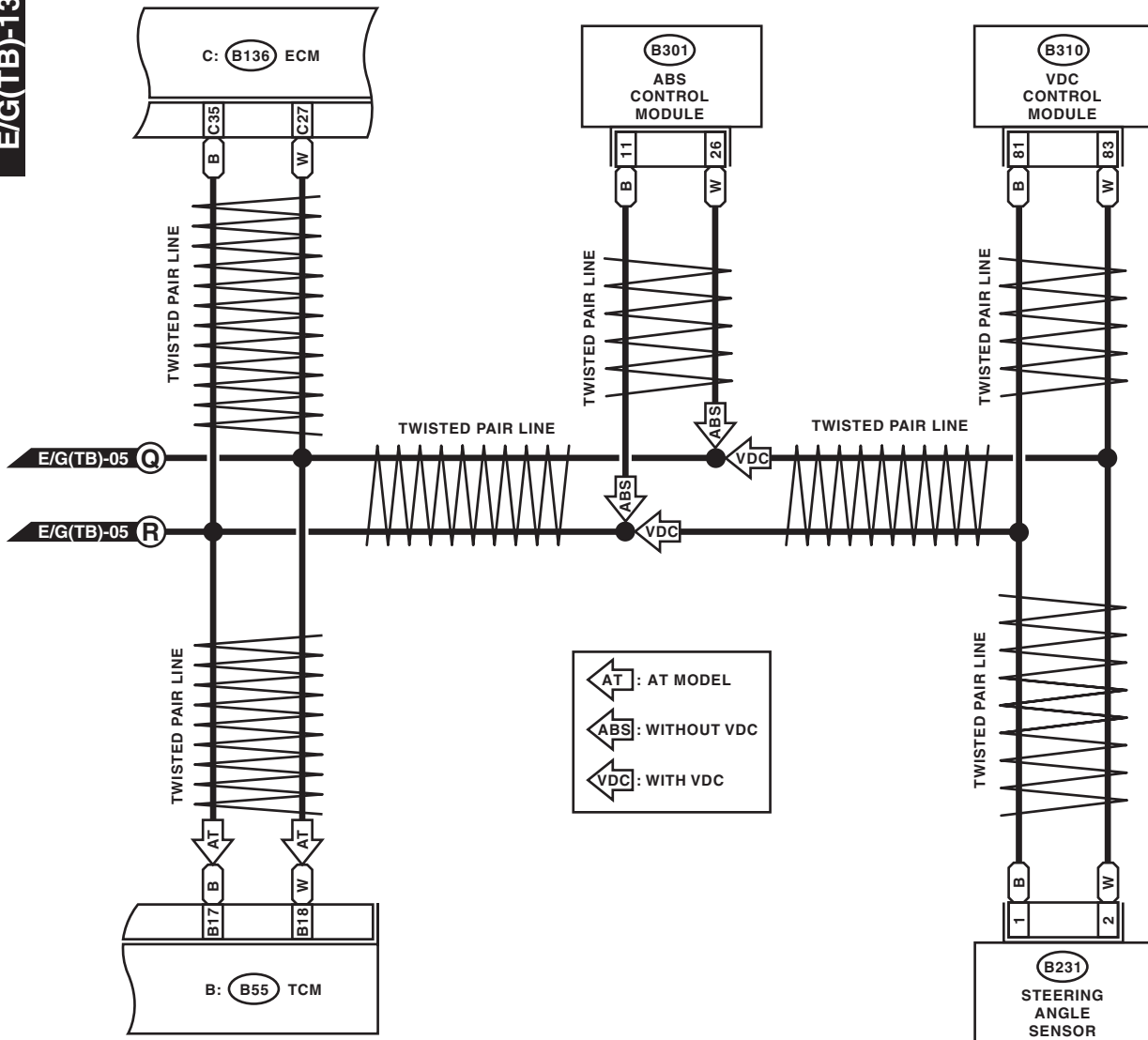
B22 (BLACK)



WI-15001

E/G(TB)-13

E/G(TB)-13



WI-16171

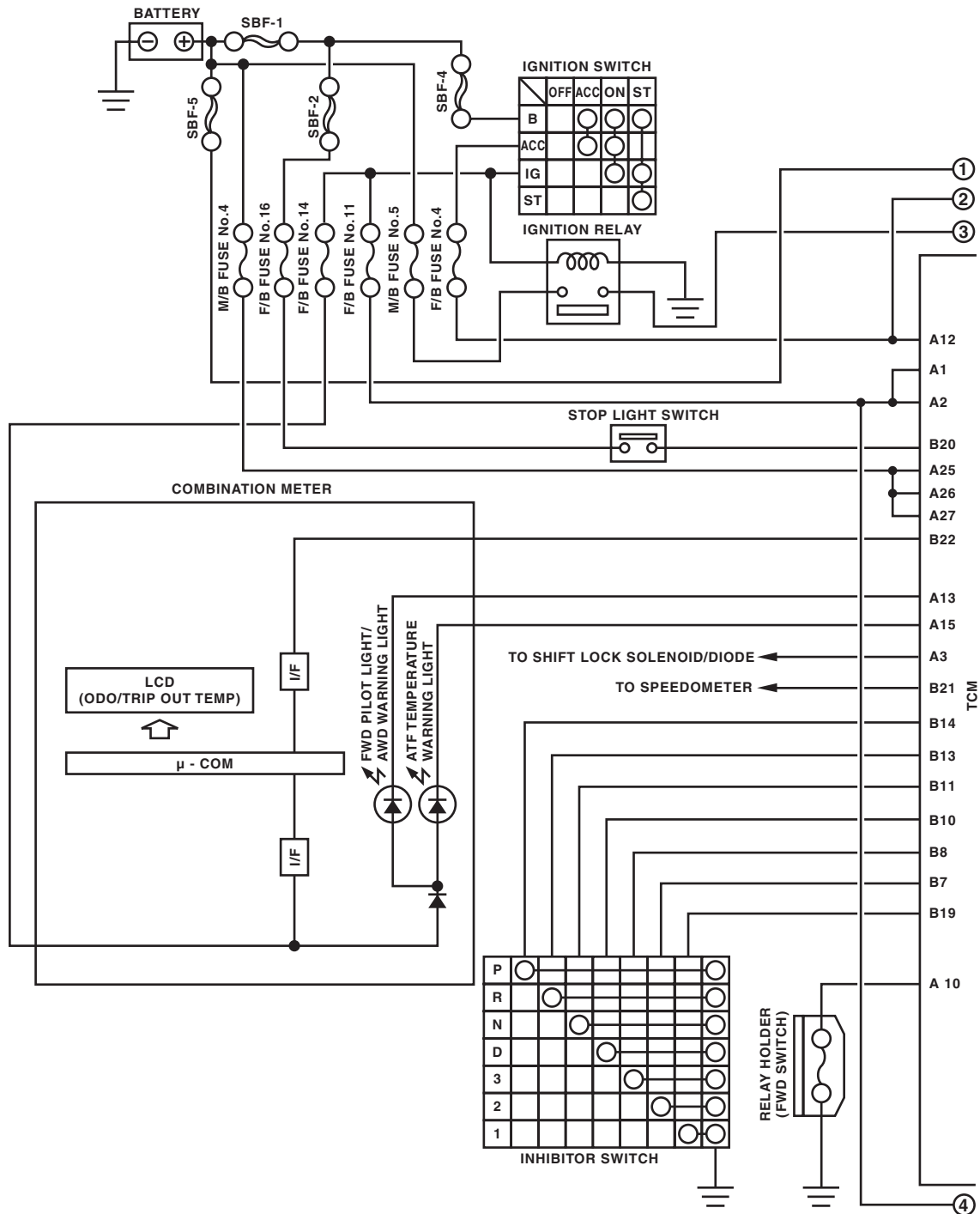
AT Control System

WIRING SYSTEM

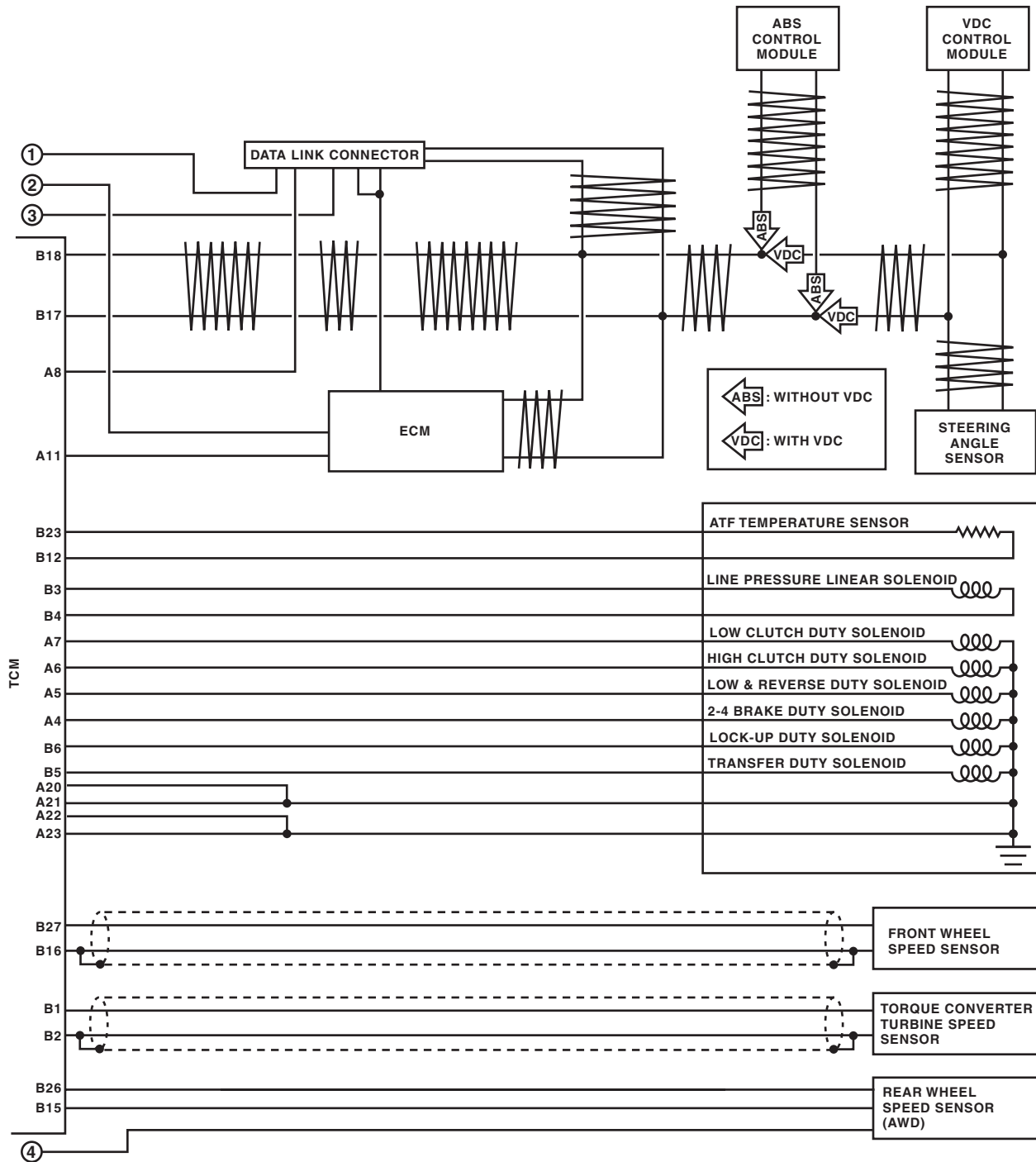
6. AT Control System

A: WIRING DIAGRAM

1. VEHICLES PRIOR TO TRANSMISSION SERIAL NO. 3966774



WI-16163



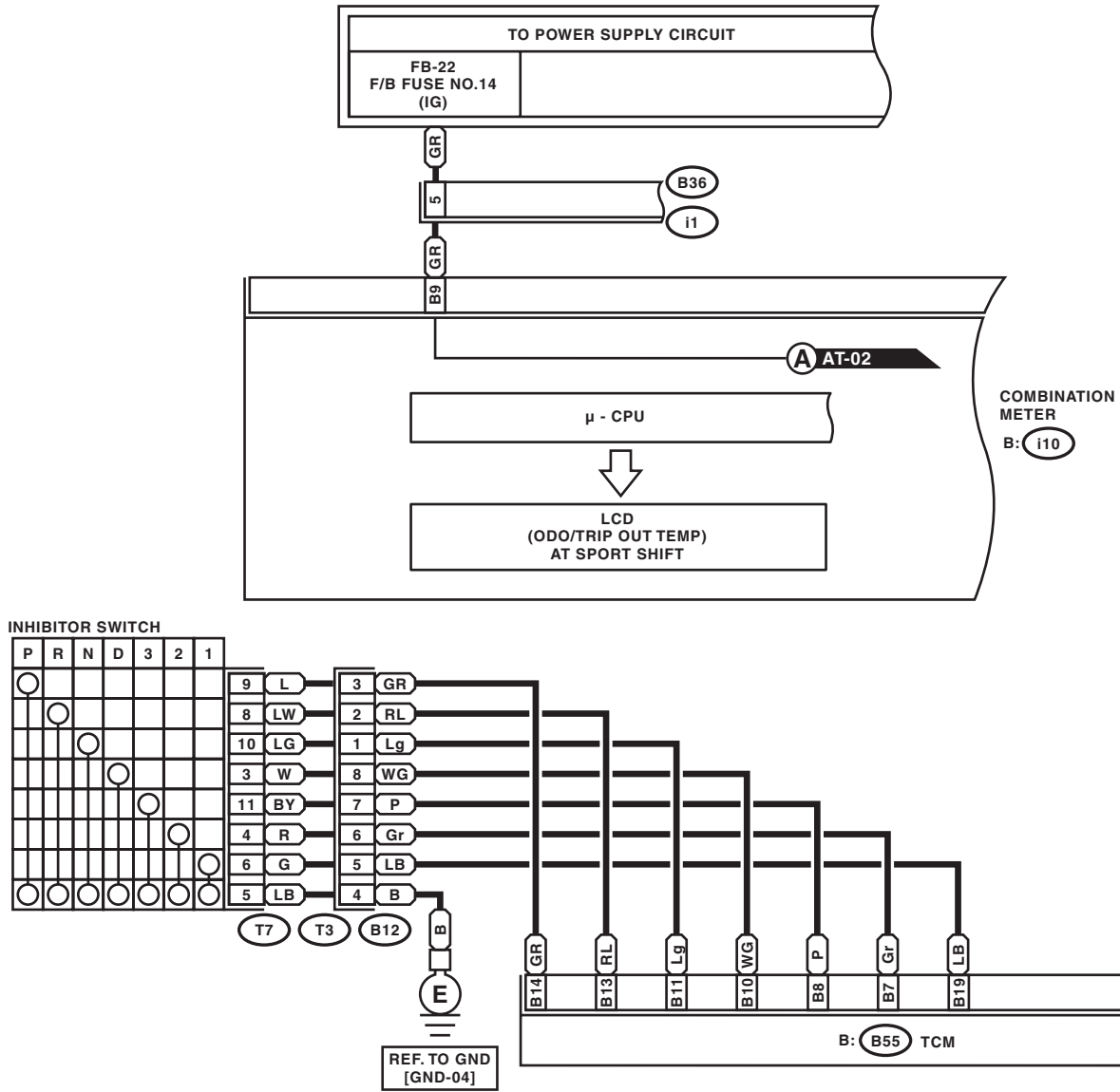
WI-16164

AT Control System

WIRING SYSTEM

AT-01

AT-01



B12 HR (GRAY)

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

T7 (BLACK)

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

B36

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

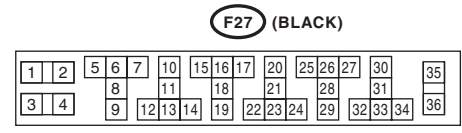
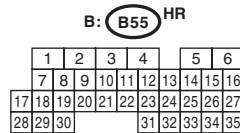
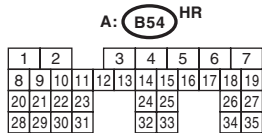
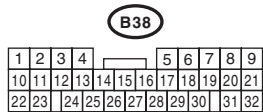
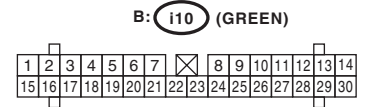
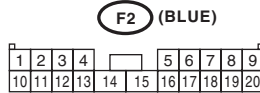
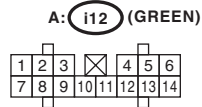
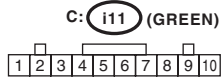
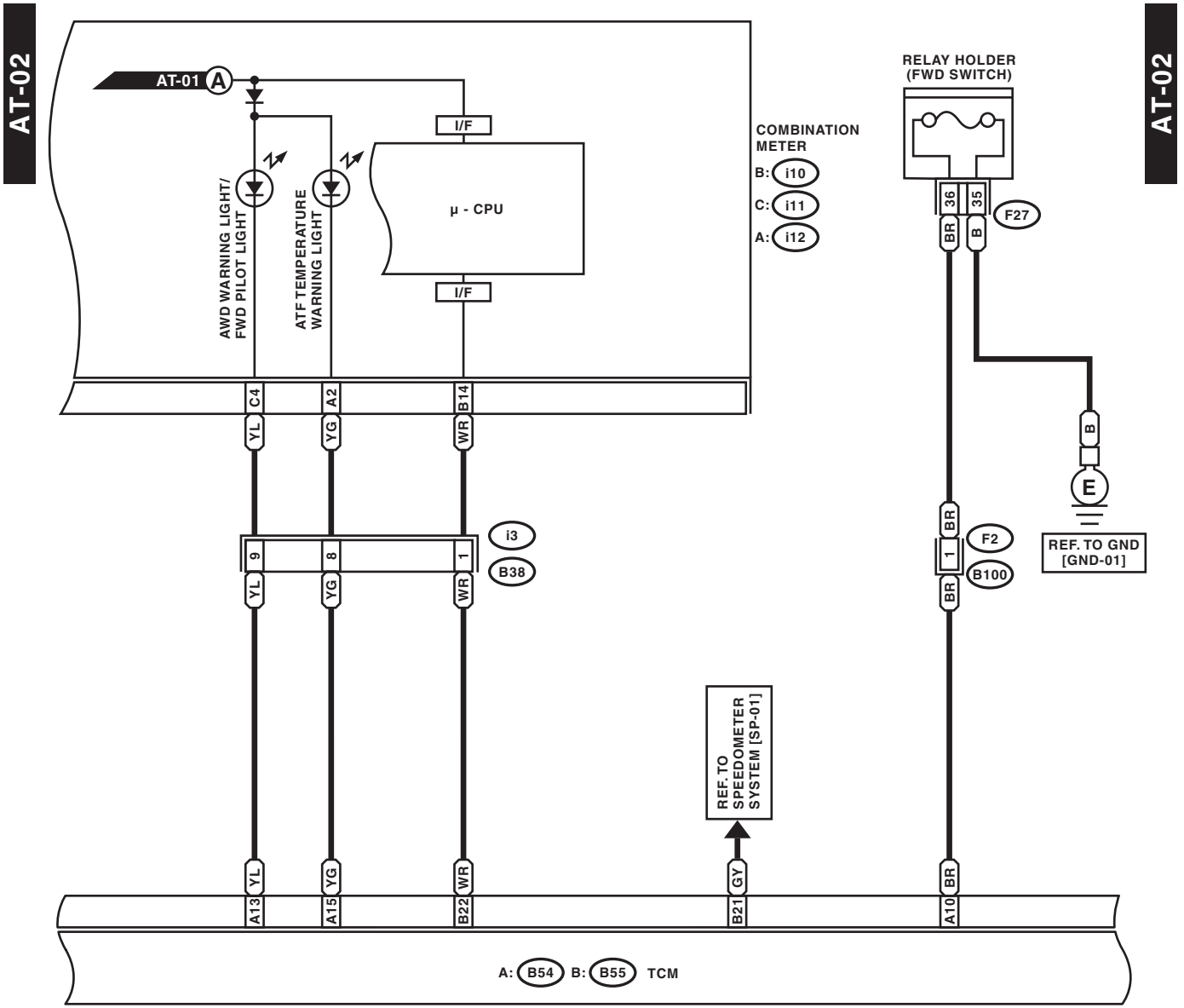
B: i10 (GREEN)

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

B: B55 HR

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

WI-16172



RELAY HOLDER

WI-16173

AT-03

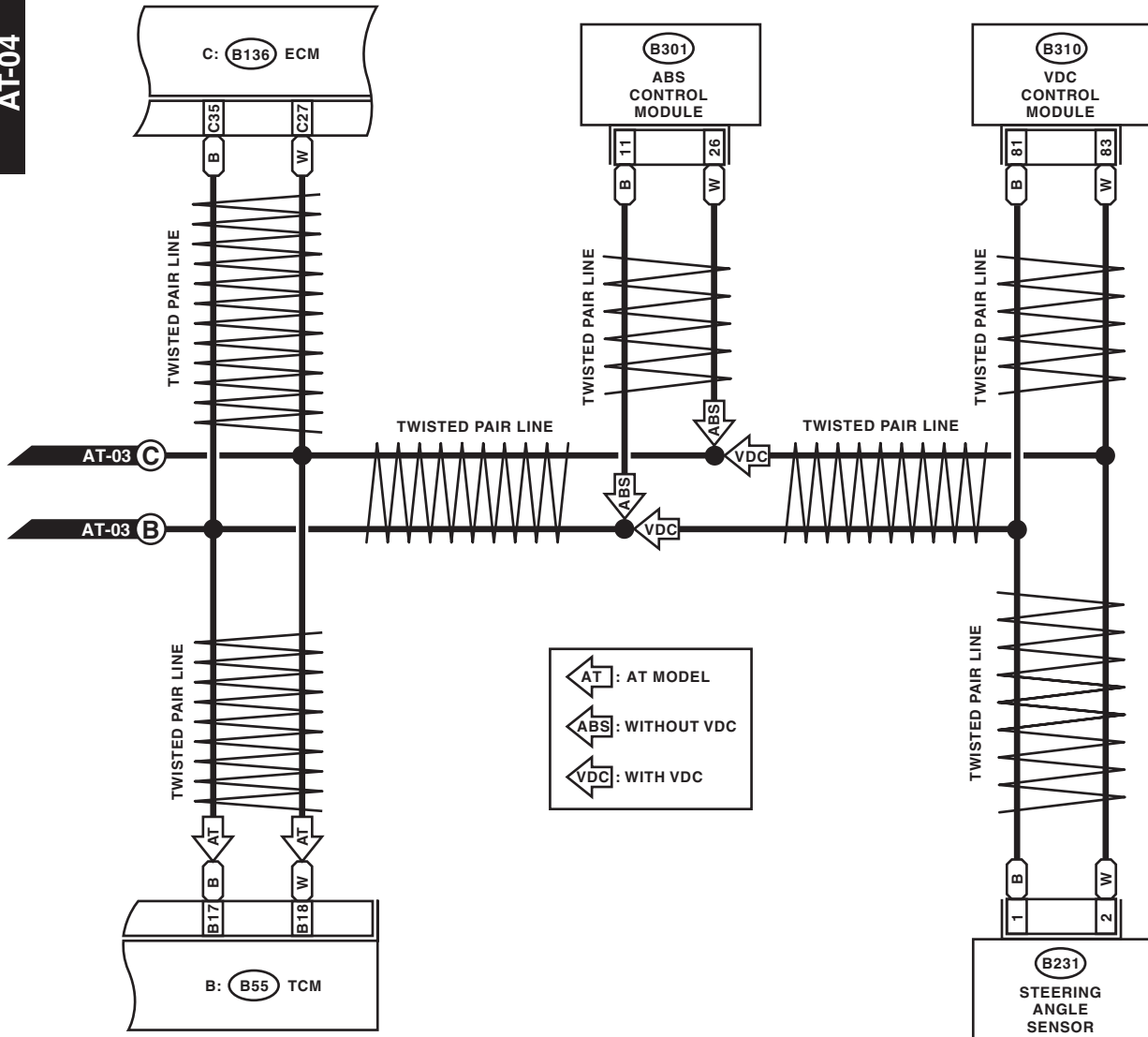


AT Control System

WIRING SYSTEM

AT-04

AT-04



B231

1

2

3

4

B301 (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

B310 (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

B55

HR

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

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34

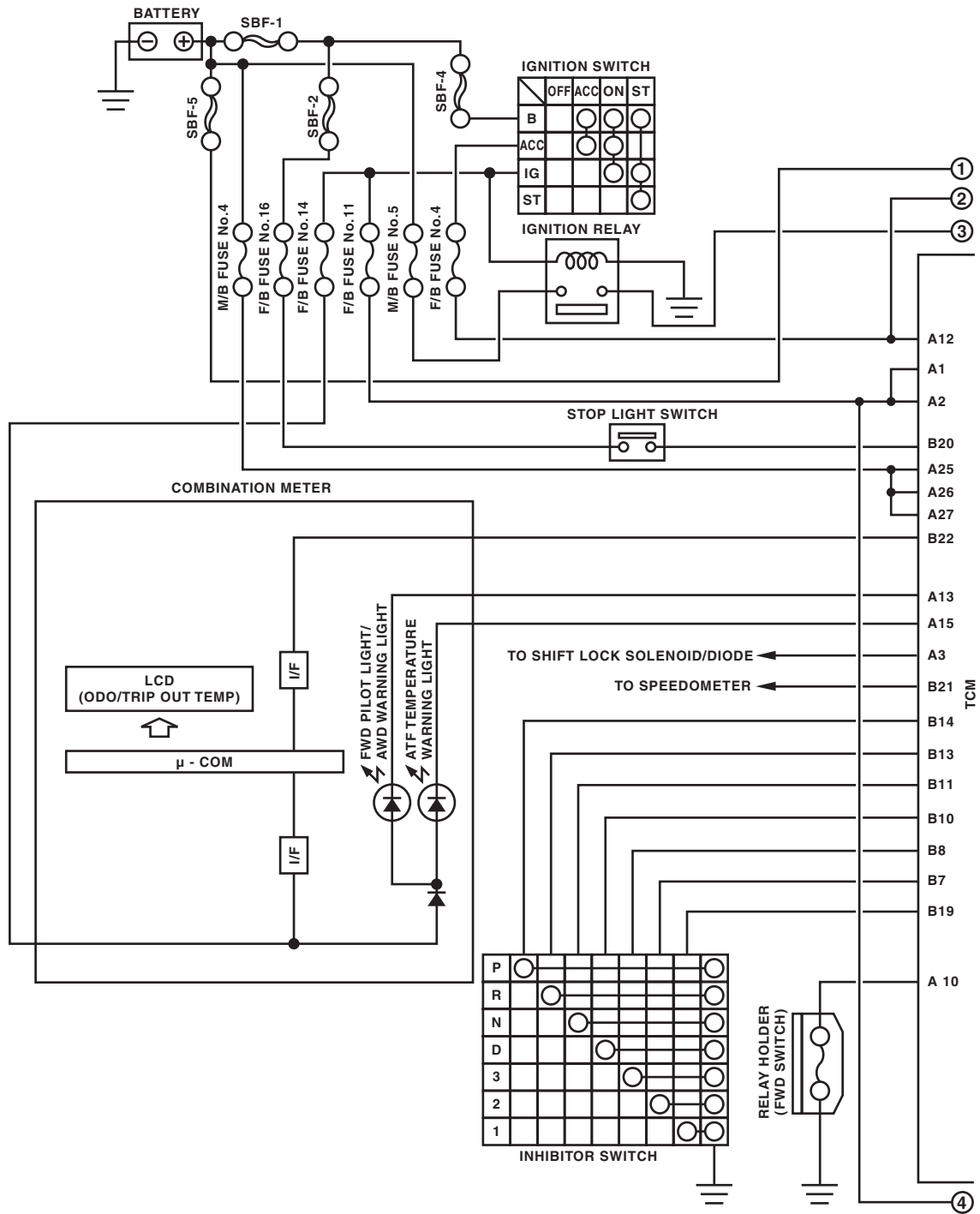
35

WI-16175

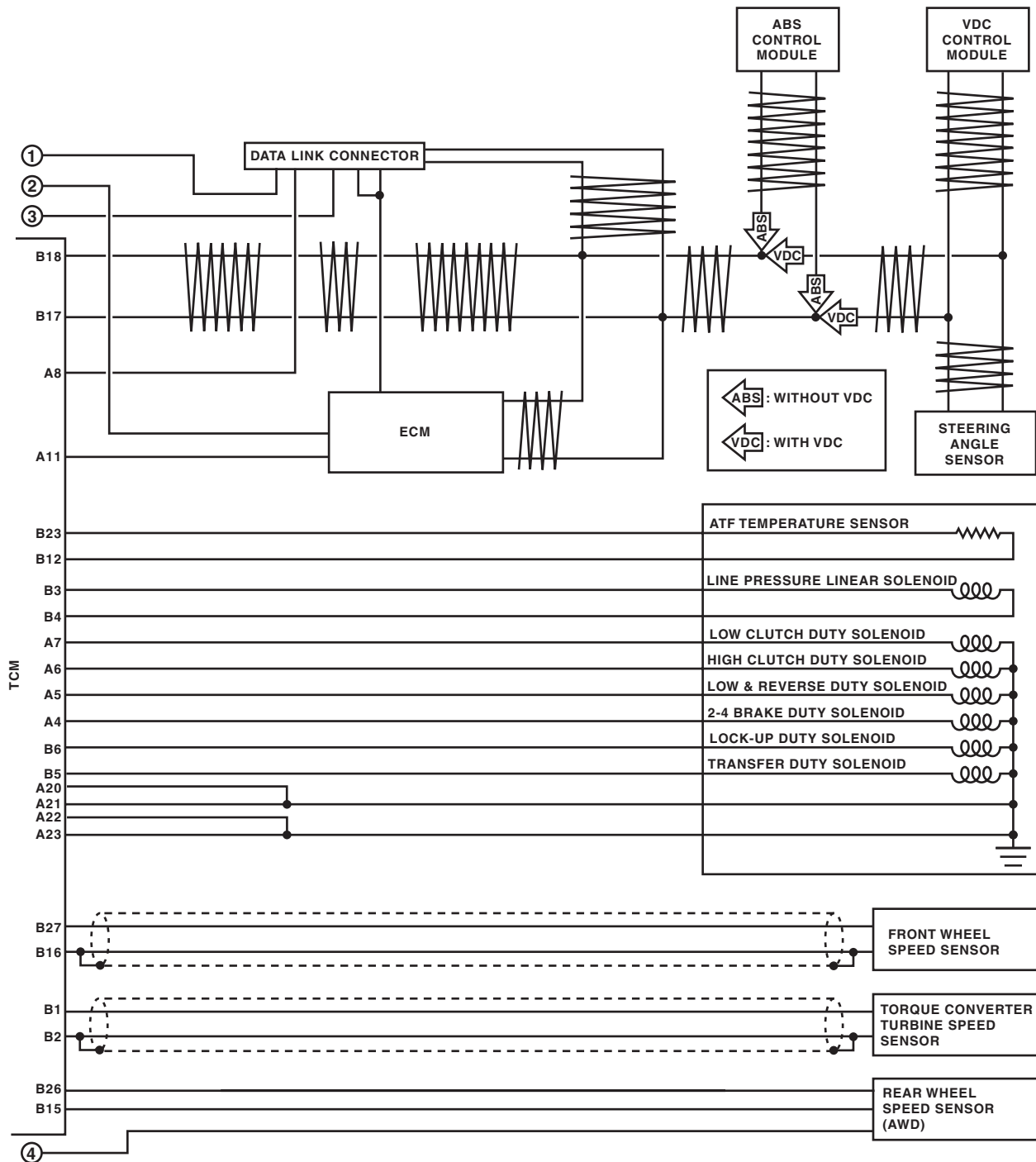
AT Control System

WIRING SYSTEM

2. VEHICLES AFTER TRANSMISSION SERIAL NO. 3966775



WI-16163



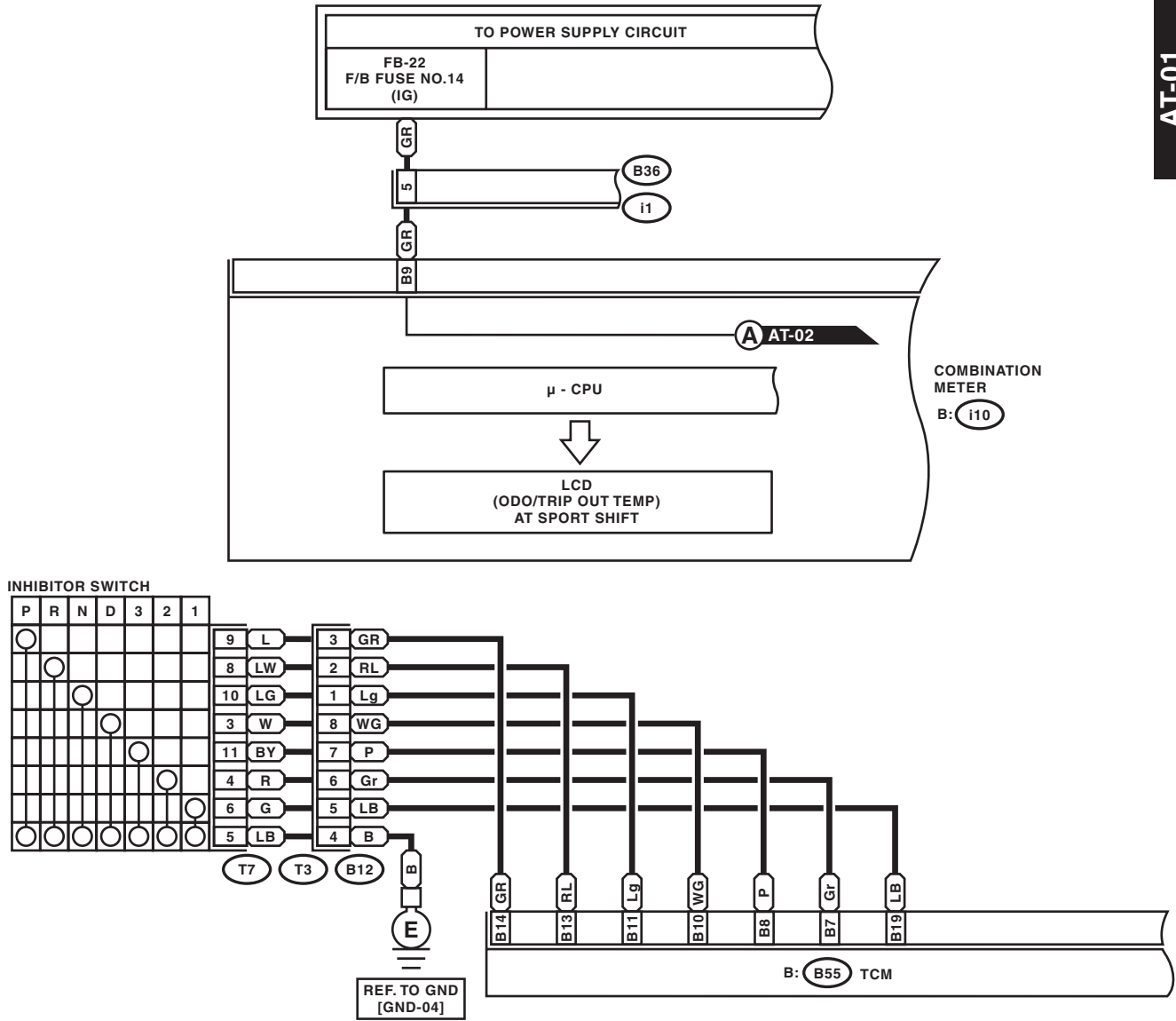
WI-16164

AT Control System

WIRING SYSTEM

AT-01

AT-01



B12 HR (GRAY)

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

T7 (BLACK)

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

B36

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

B: i10 (GREEN)

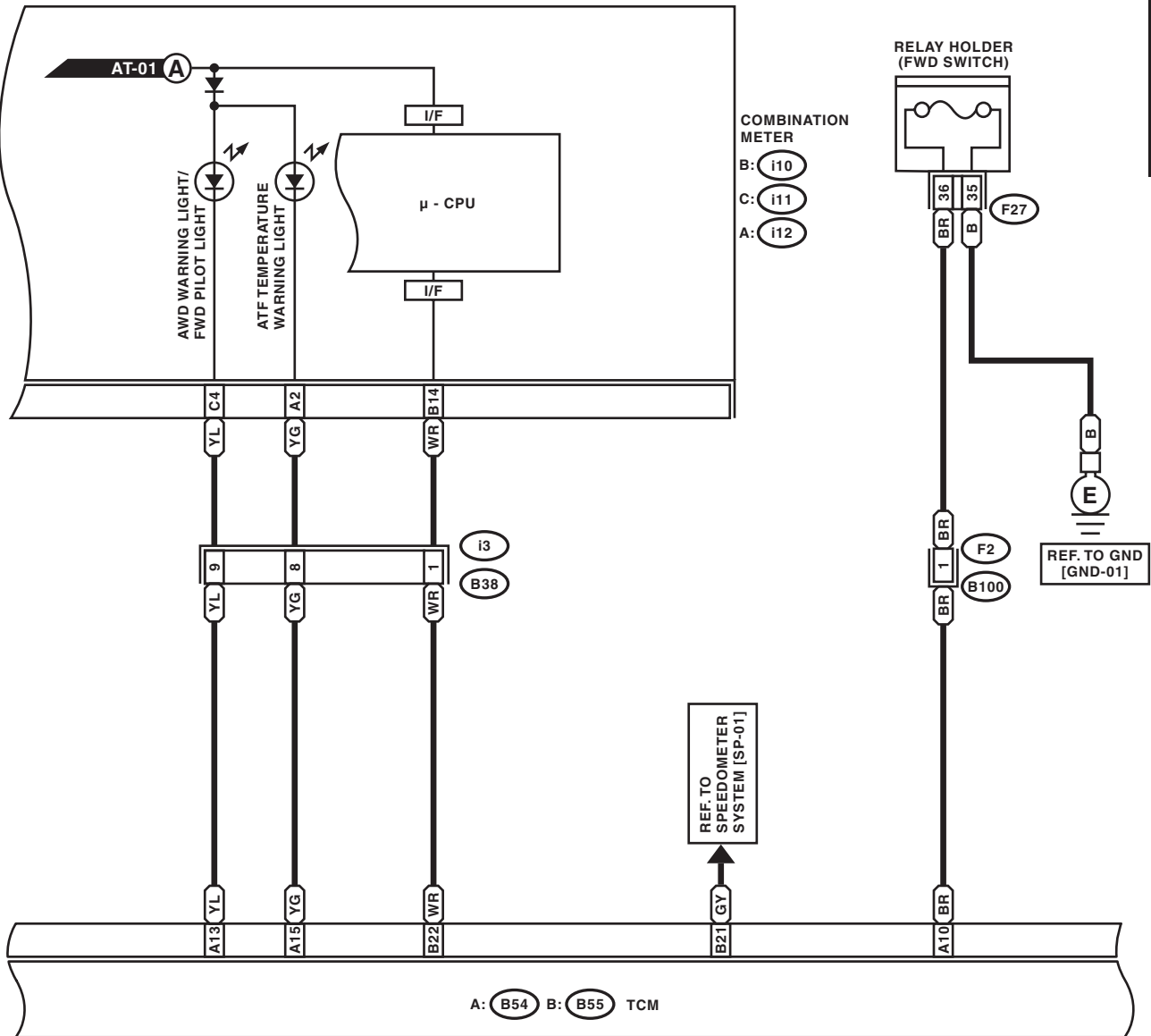
1	2	3	4	5	6	7		8	9	10	11	12	13	14	
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

B: B55 HR

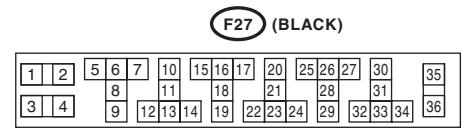
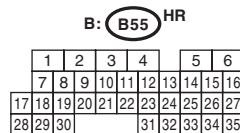
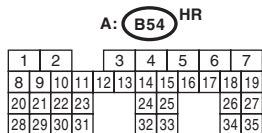
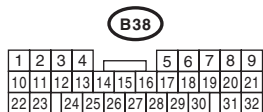
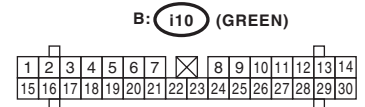
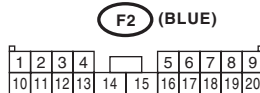
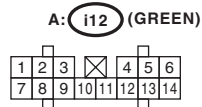
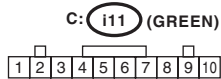
	1	2	3	4			5	6		
	7	8	9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24	25	26	27
28	29	30				31	32	33	34	35

WI-16172

AT-02



AT-02

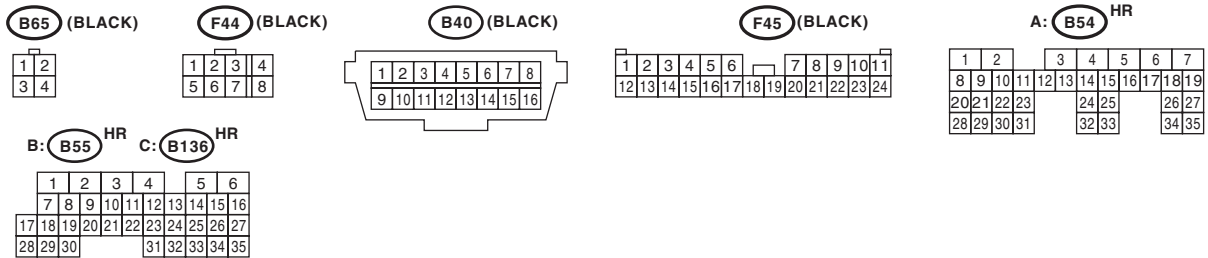
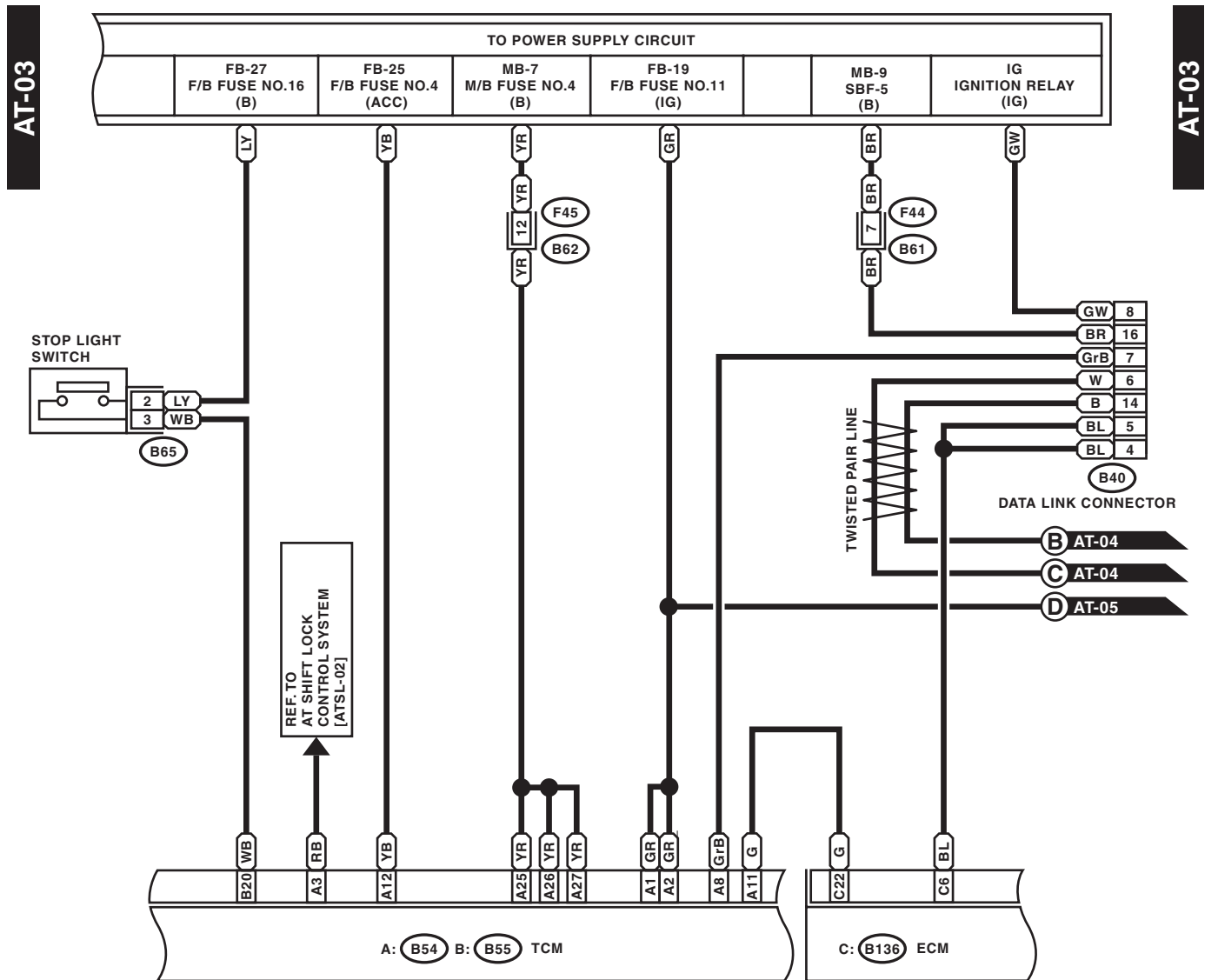


RELAY HOLDER

WI-16173

AT Control System

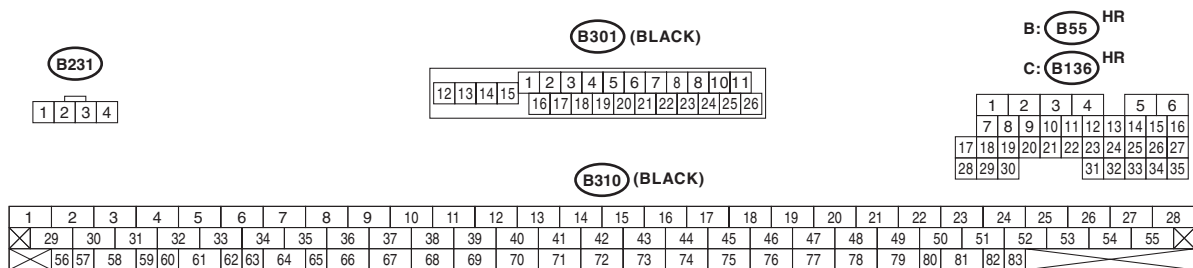
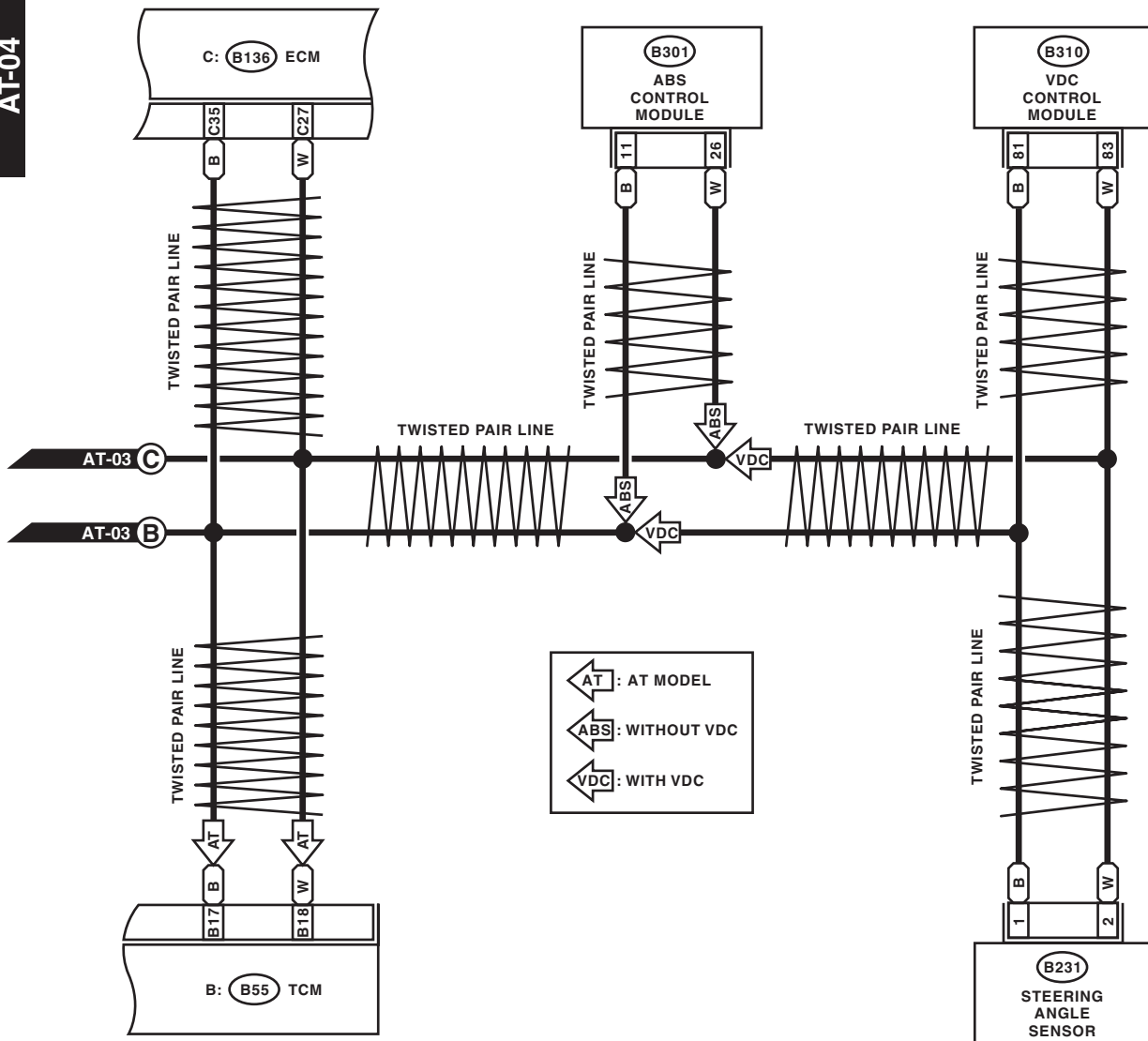
WIRING SYSTEM



WI-16174

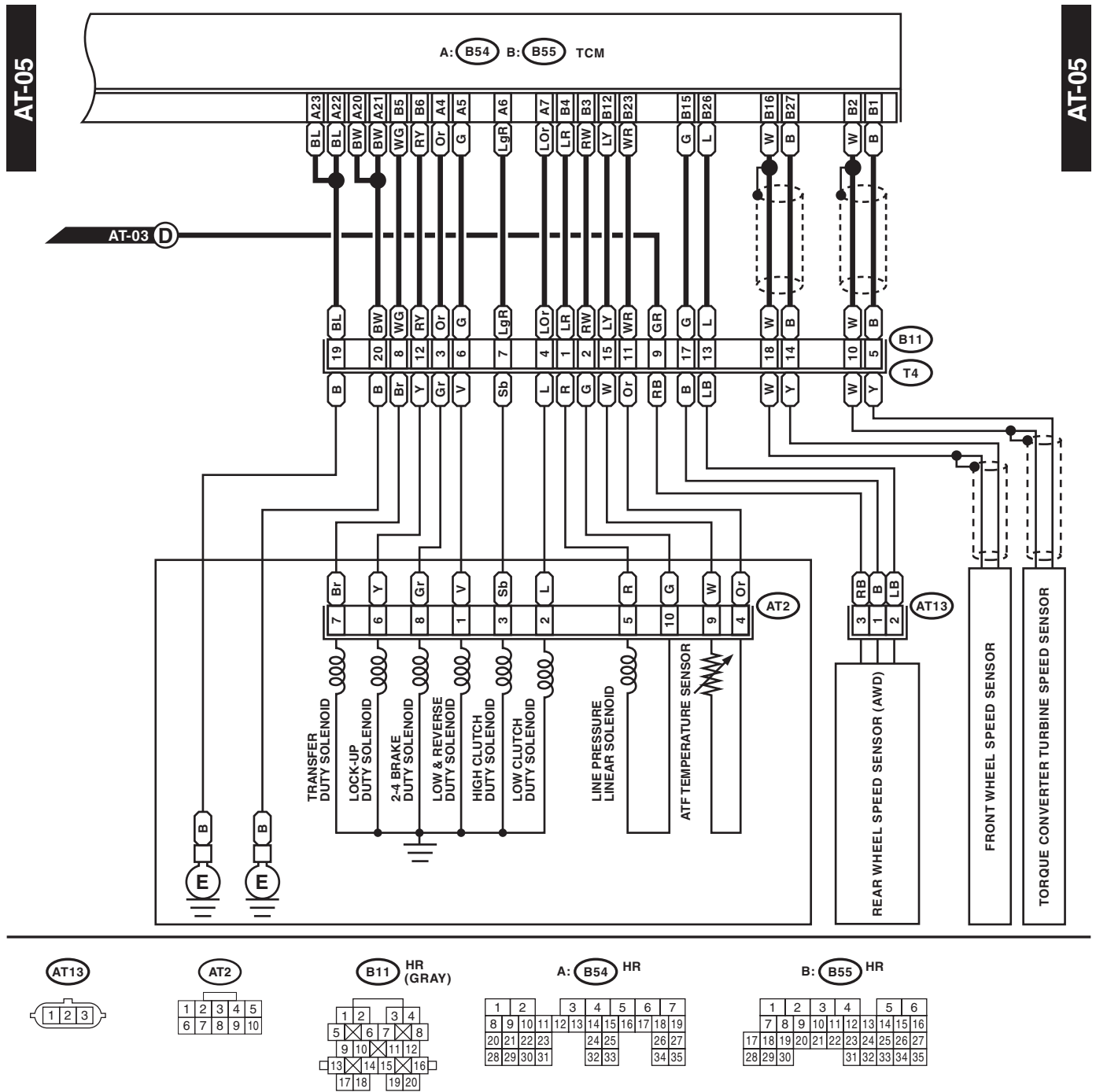
AT-04

AT-04



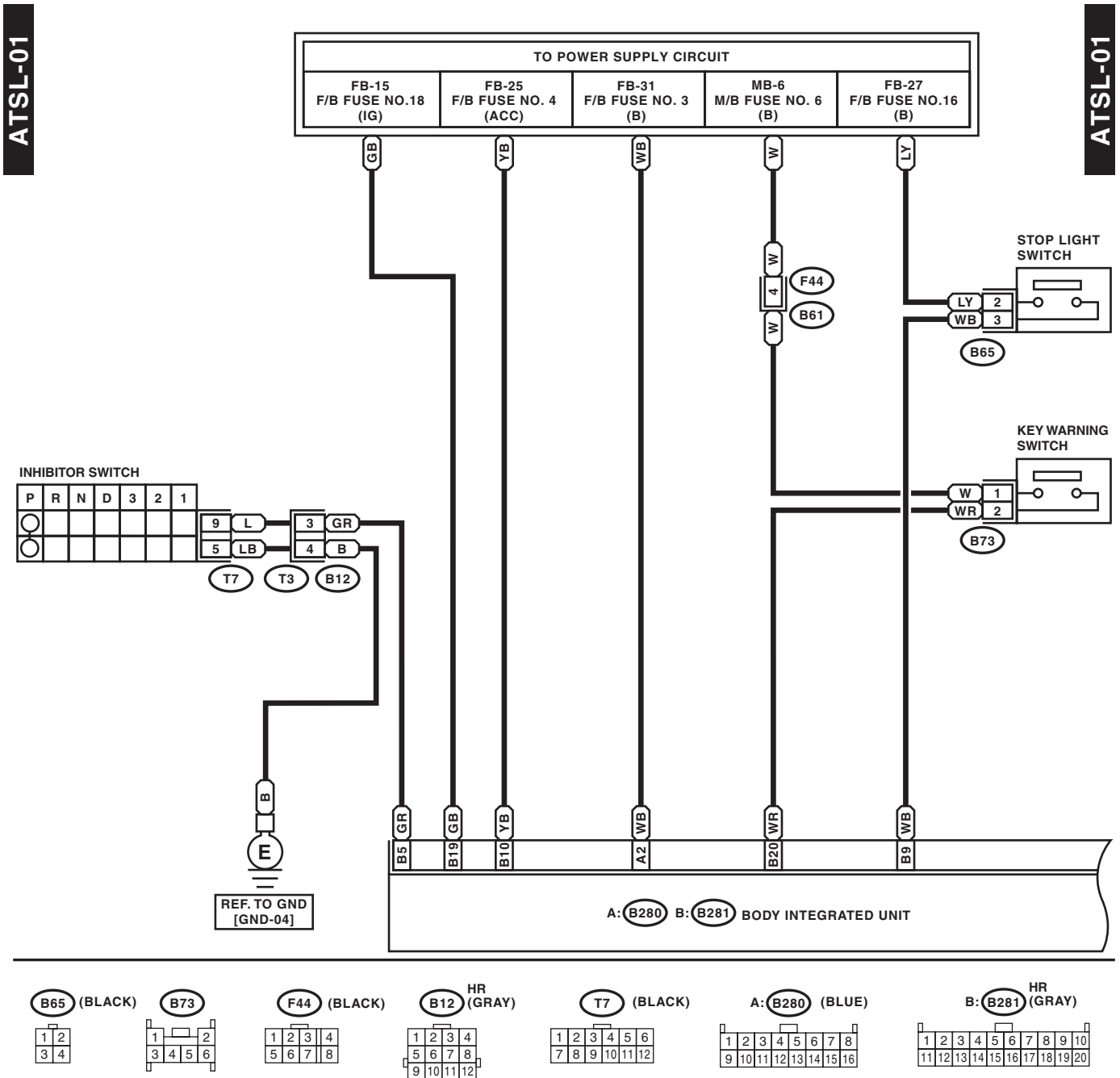
WI-16175

WIRING SYSTEM



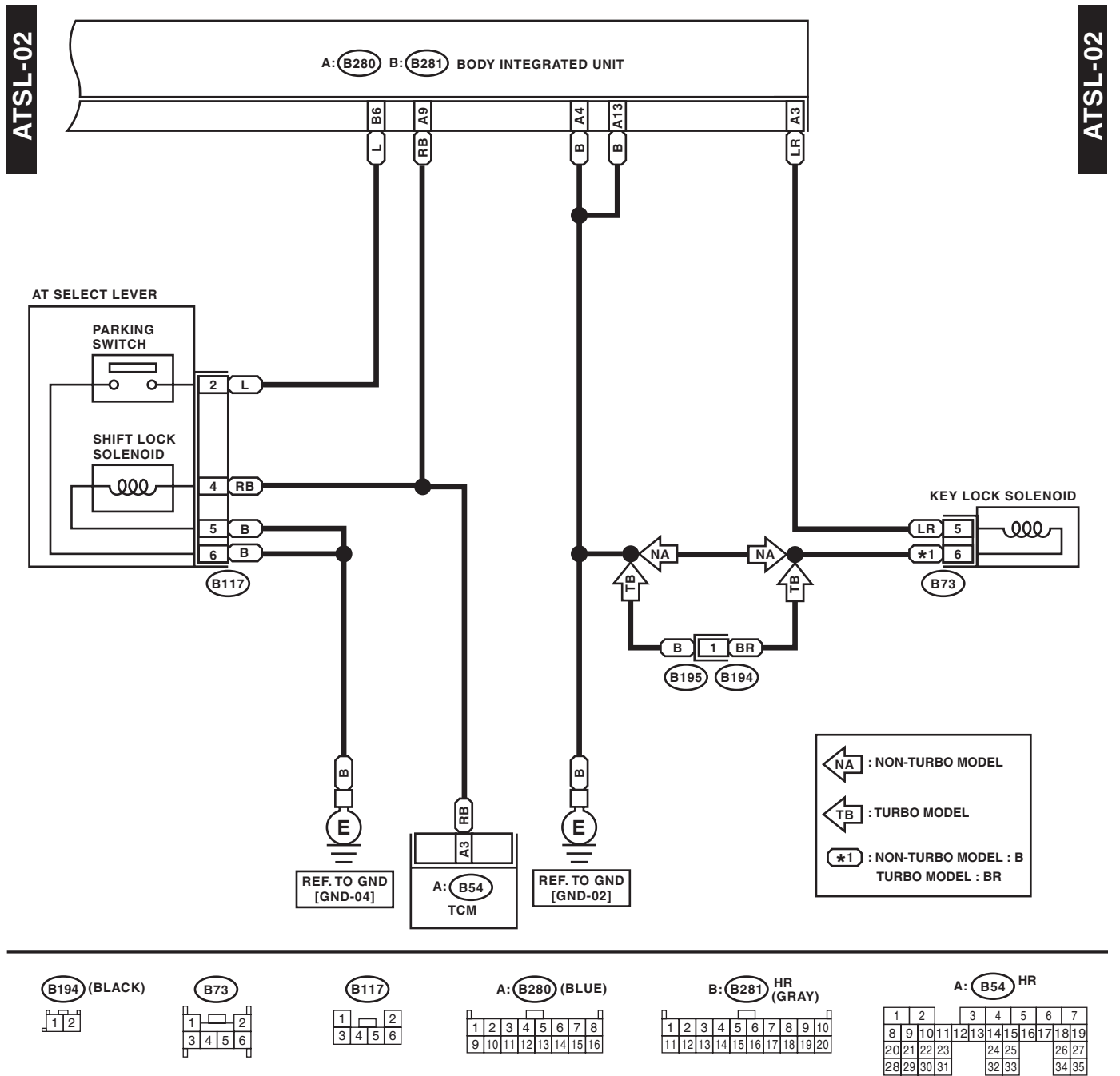
7. AT Shift Lock Control System

A: WIRING DIAGRAM



AT Shift Lock Control System

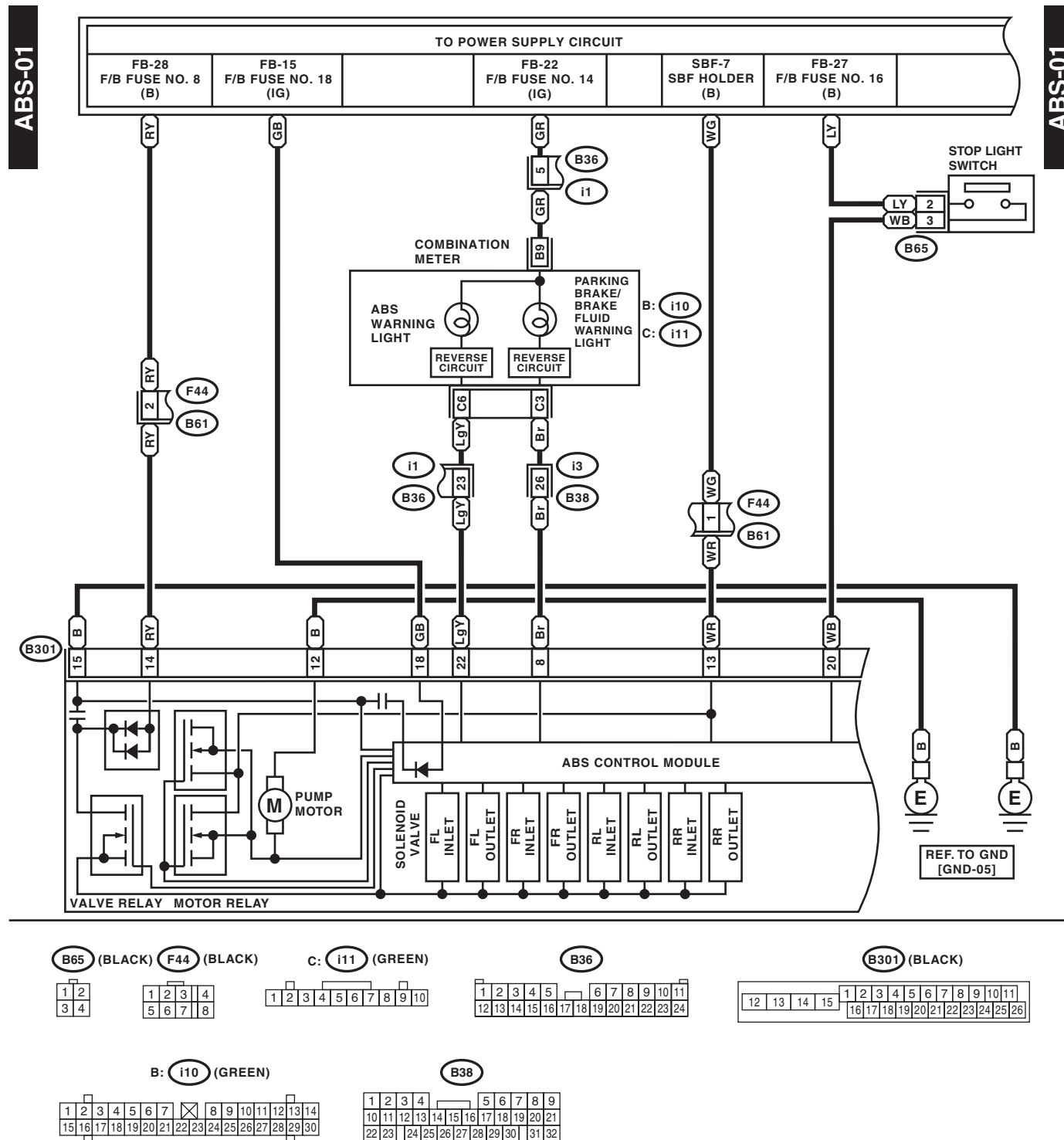
WIRING SYSTEM



WI-16177

8. Anti-lock Brake System

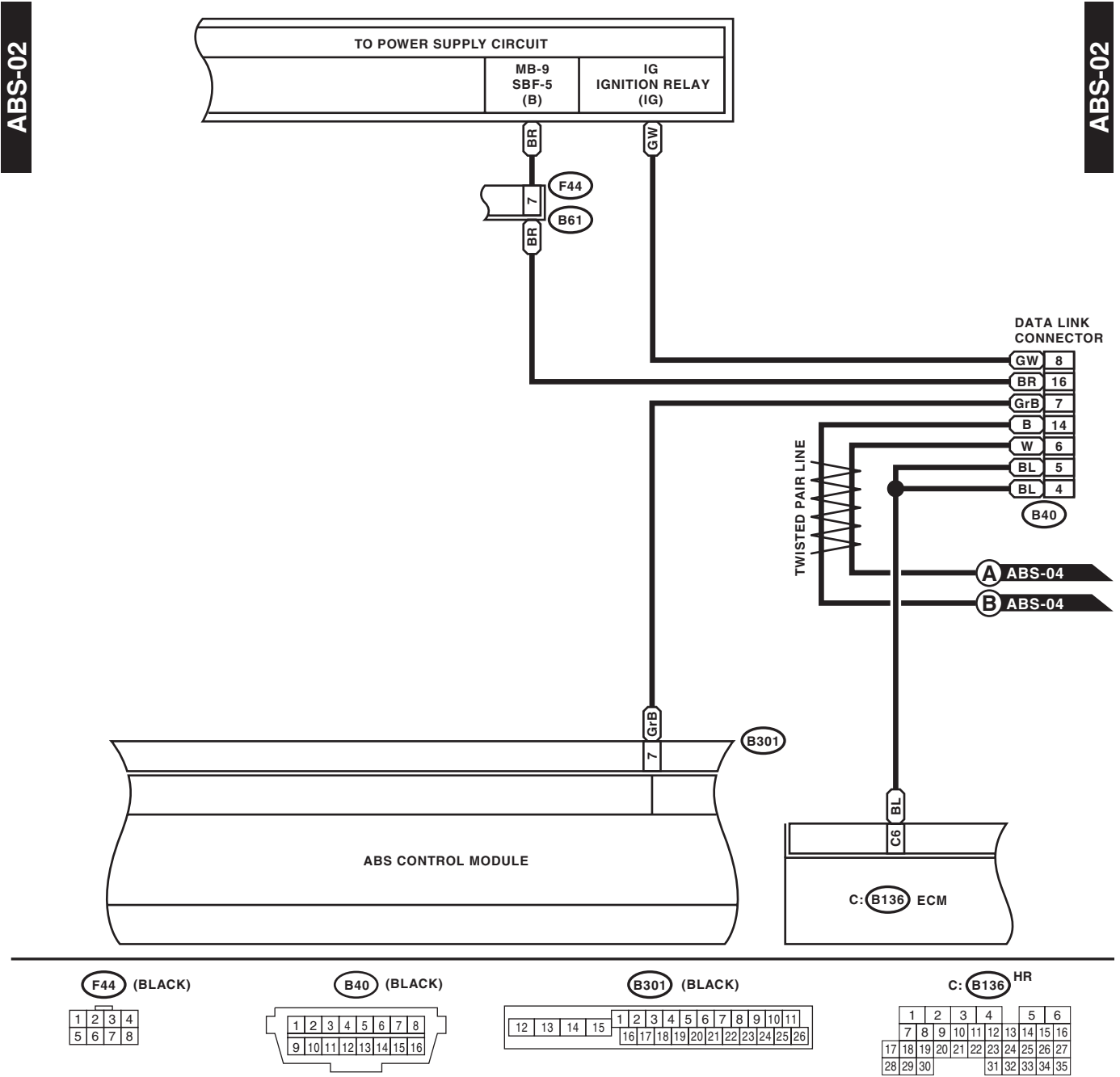
A: WIRING DIAGRAM



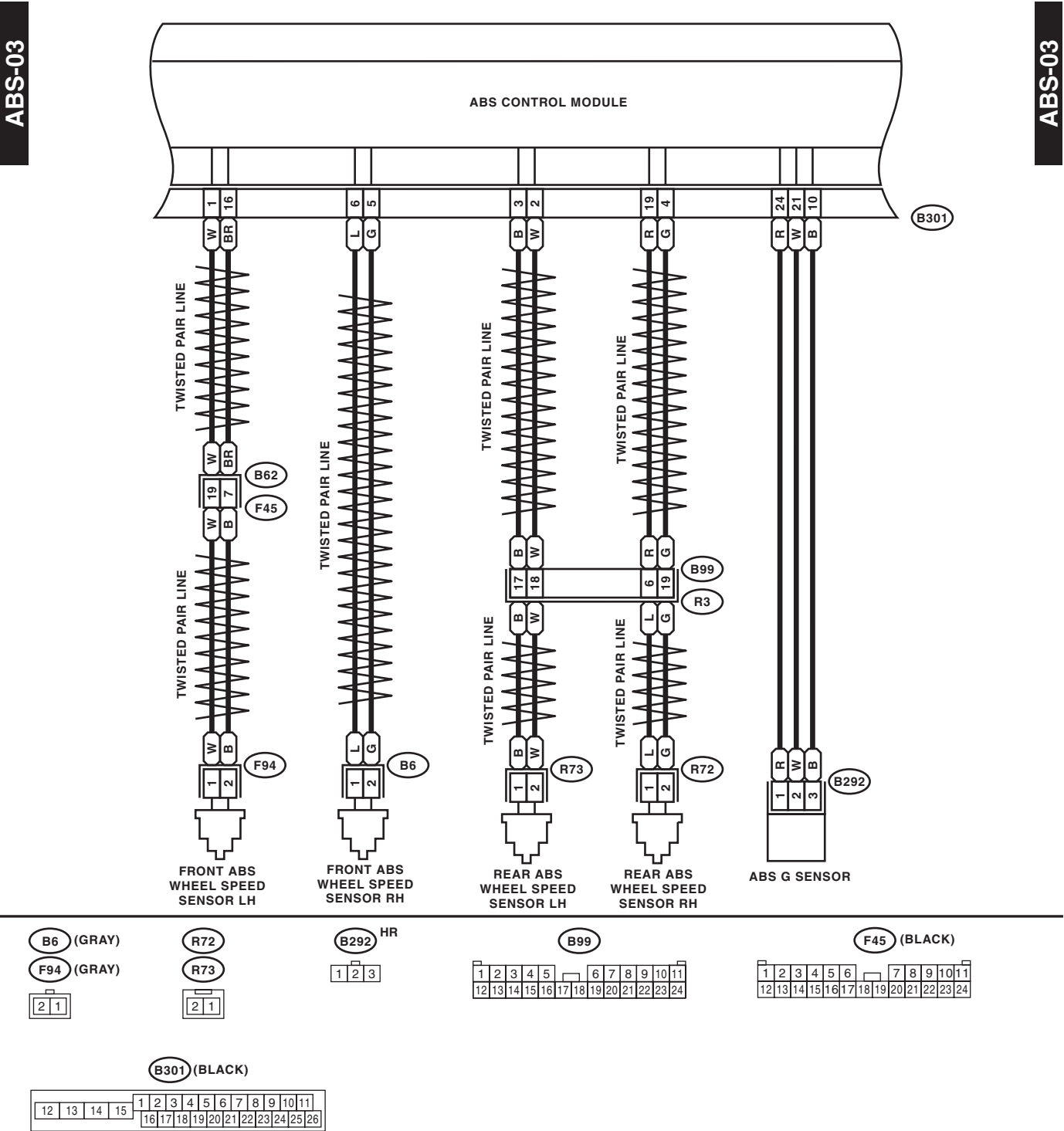
WI-15250

Anti-lock Brake System

WIRING SYSTEM



WI-15010



WIRING SYSTEM

ABS-04



B: **B55** ^{HR}

C: **B136** ^{HR}

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

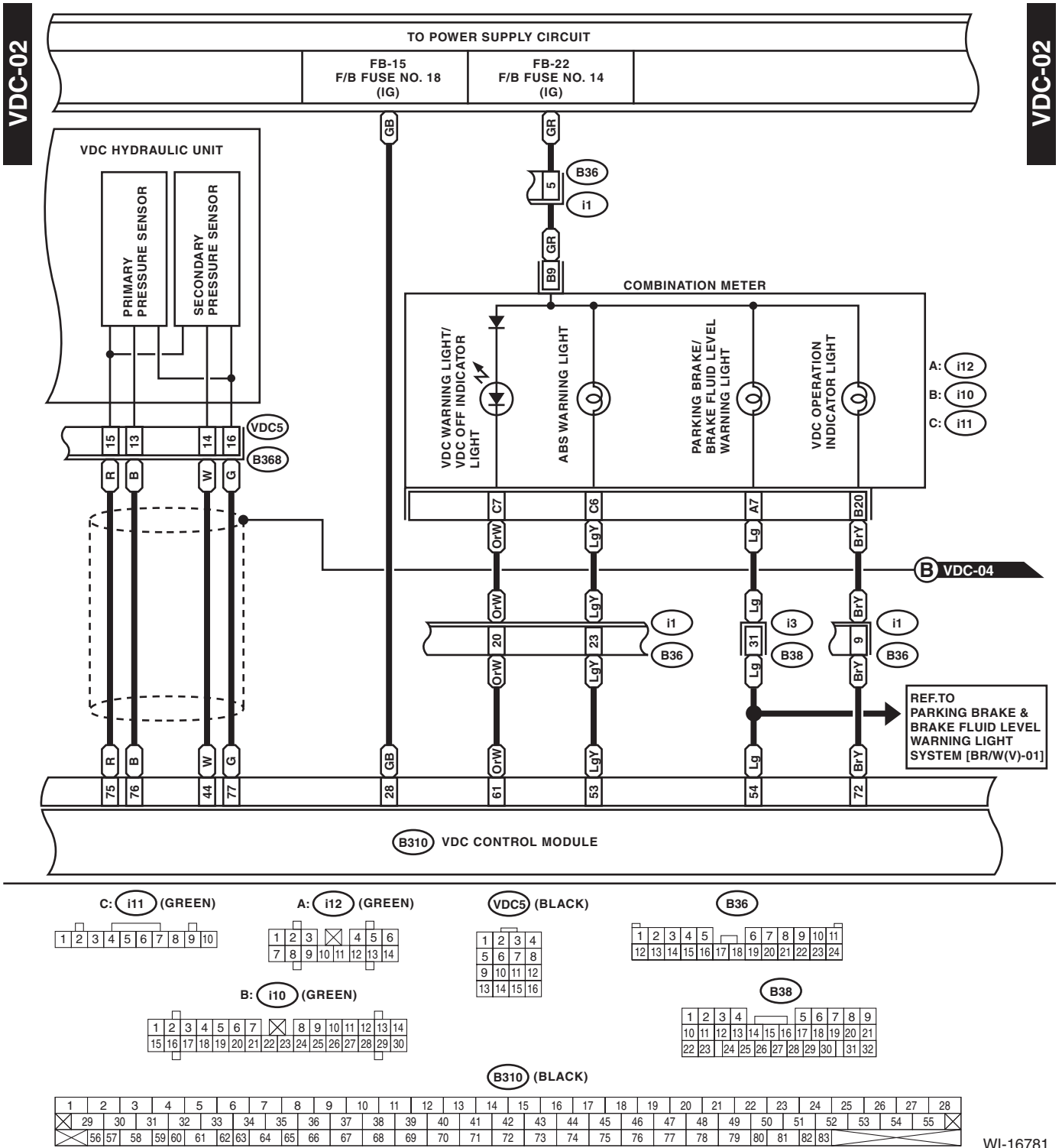
WI-82

A: WIRING DIAGRAM



Vehicle Dynamics Control System

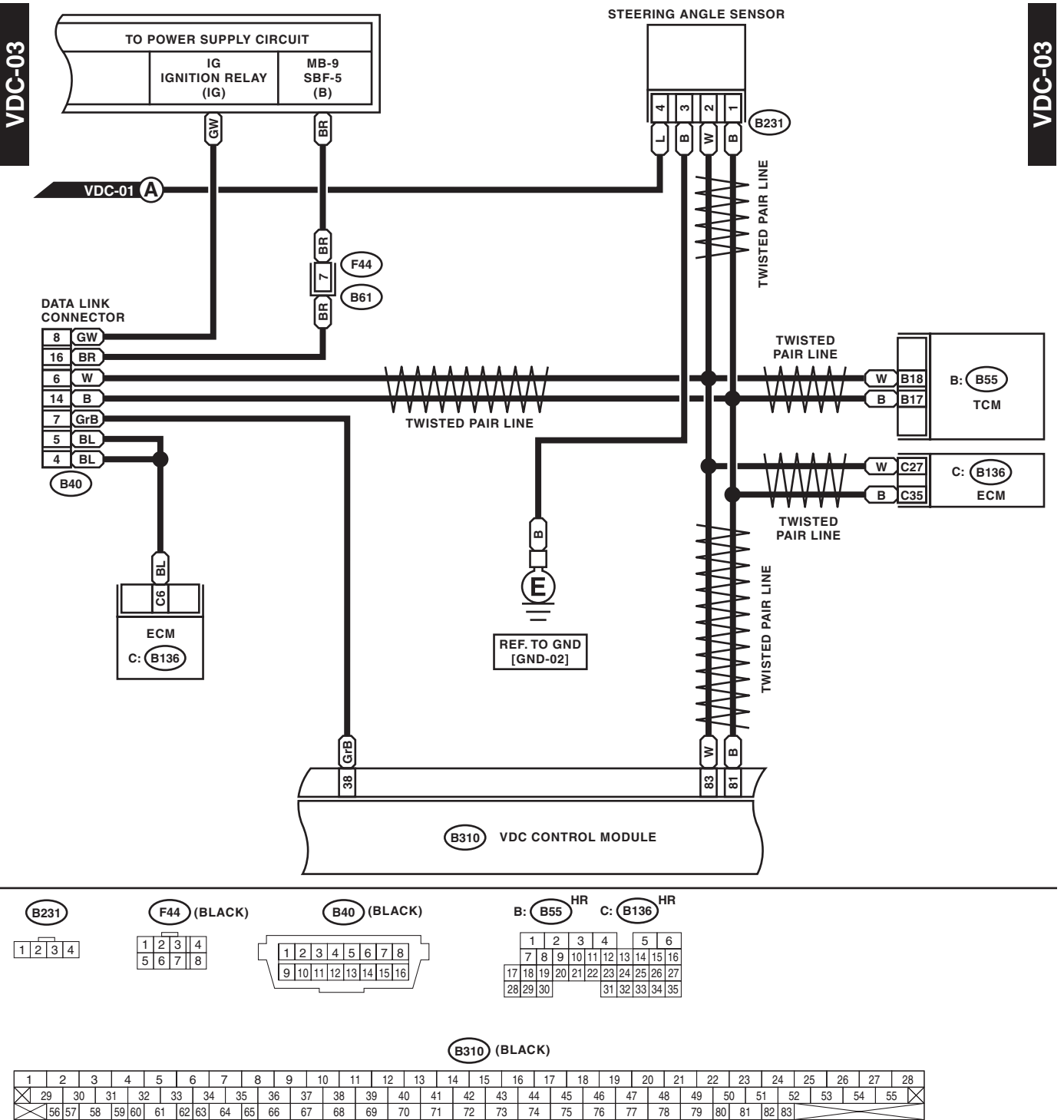
WIRING SYSTEM



WI-16781

Vehicle Dynamics Control System

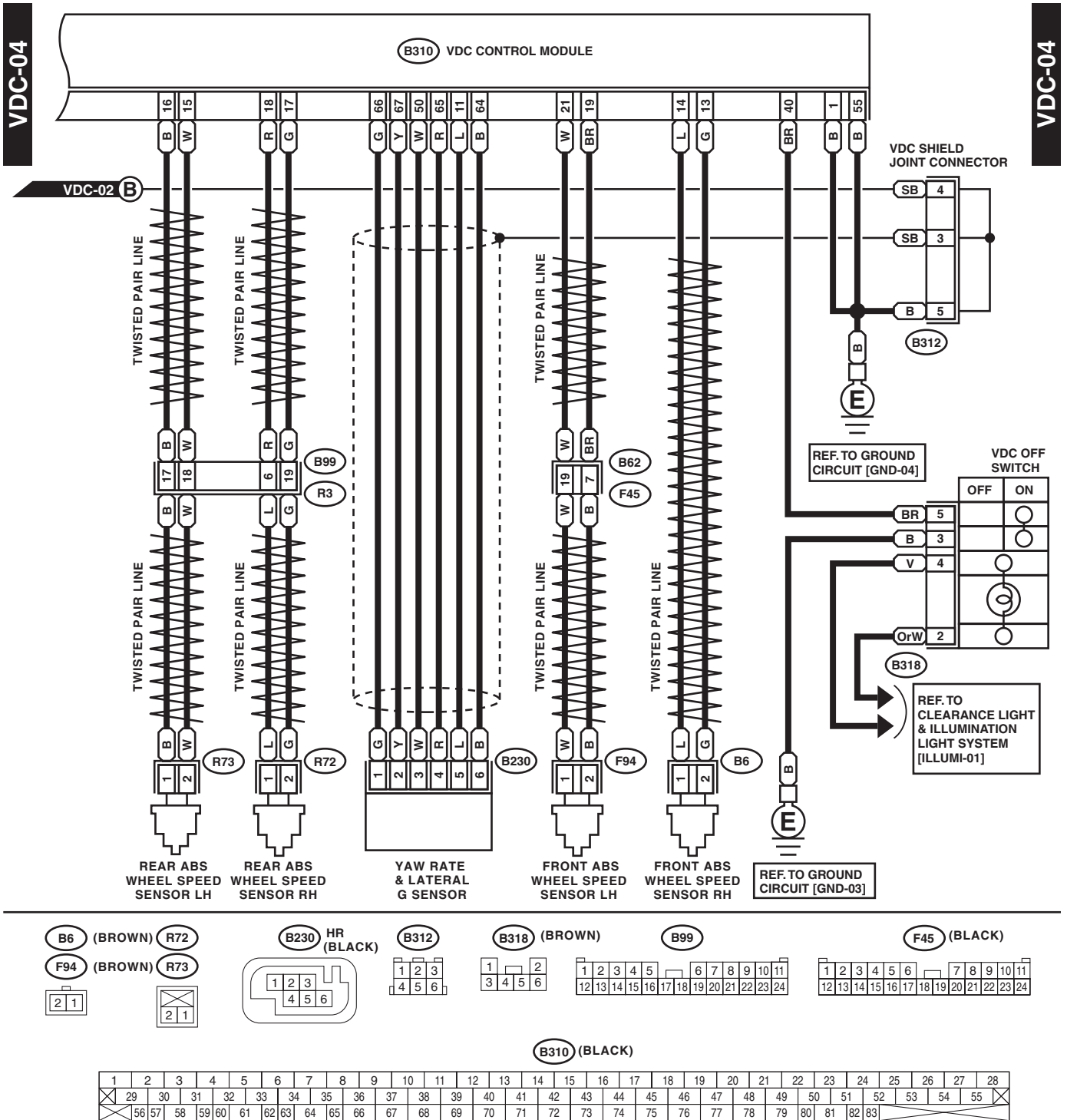
WIRING SYSTEM



WI-16179

Vehicle Dynamics Control System

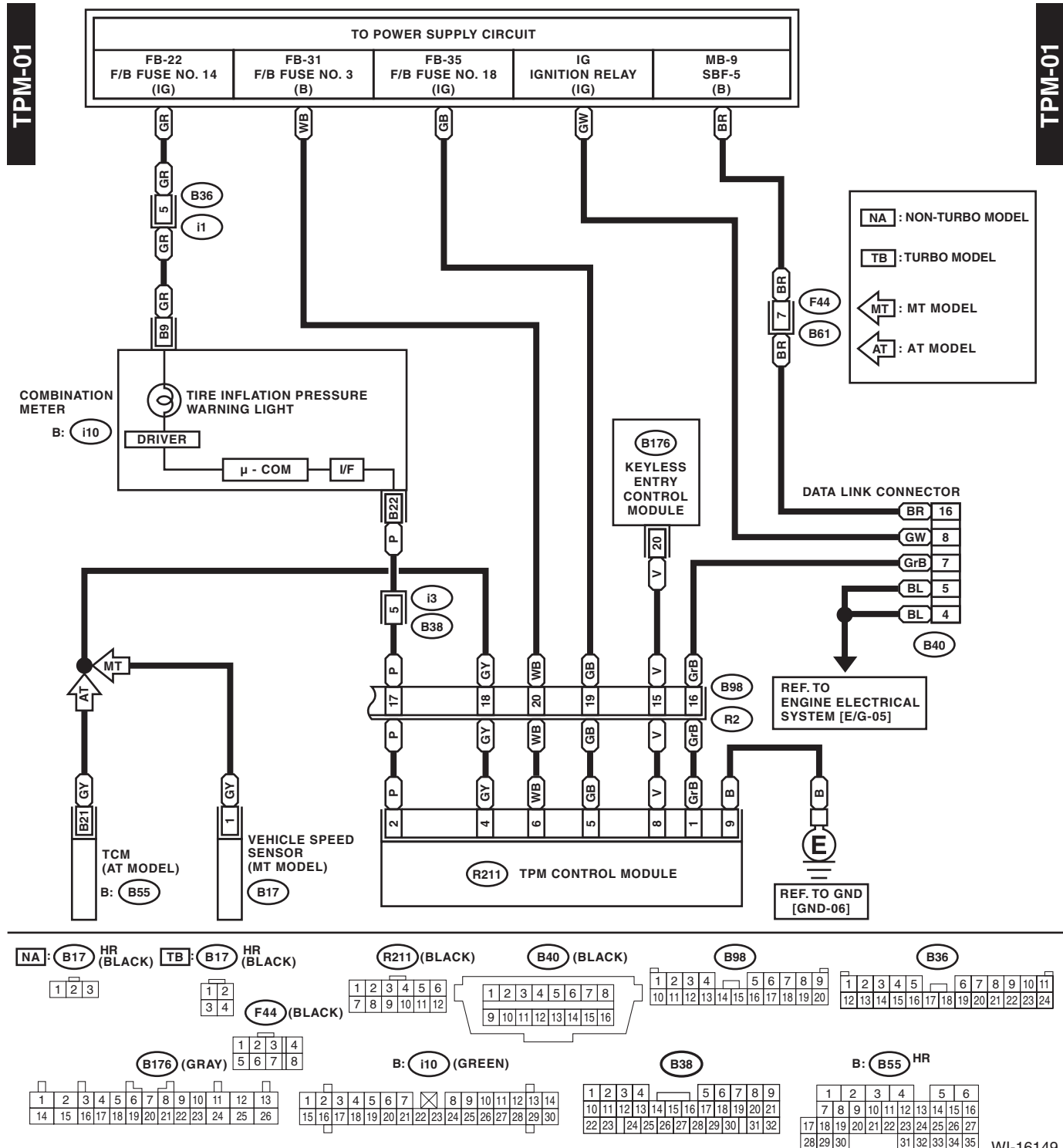
WIRING SYSTEM



WI-15240

10. Tire Pressure Monitoring System

A: WIRING DIAGRAM



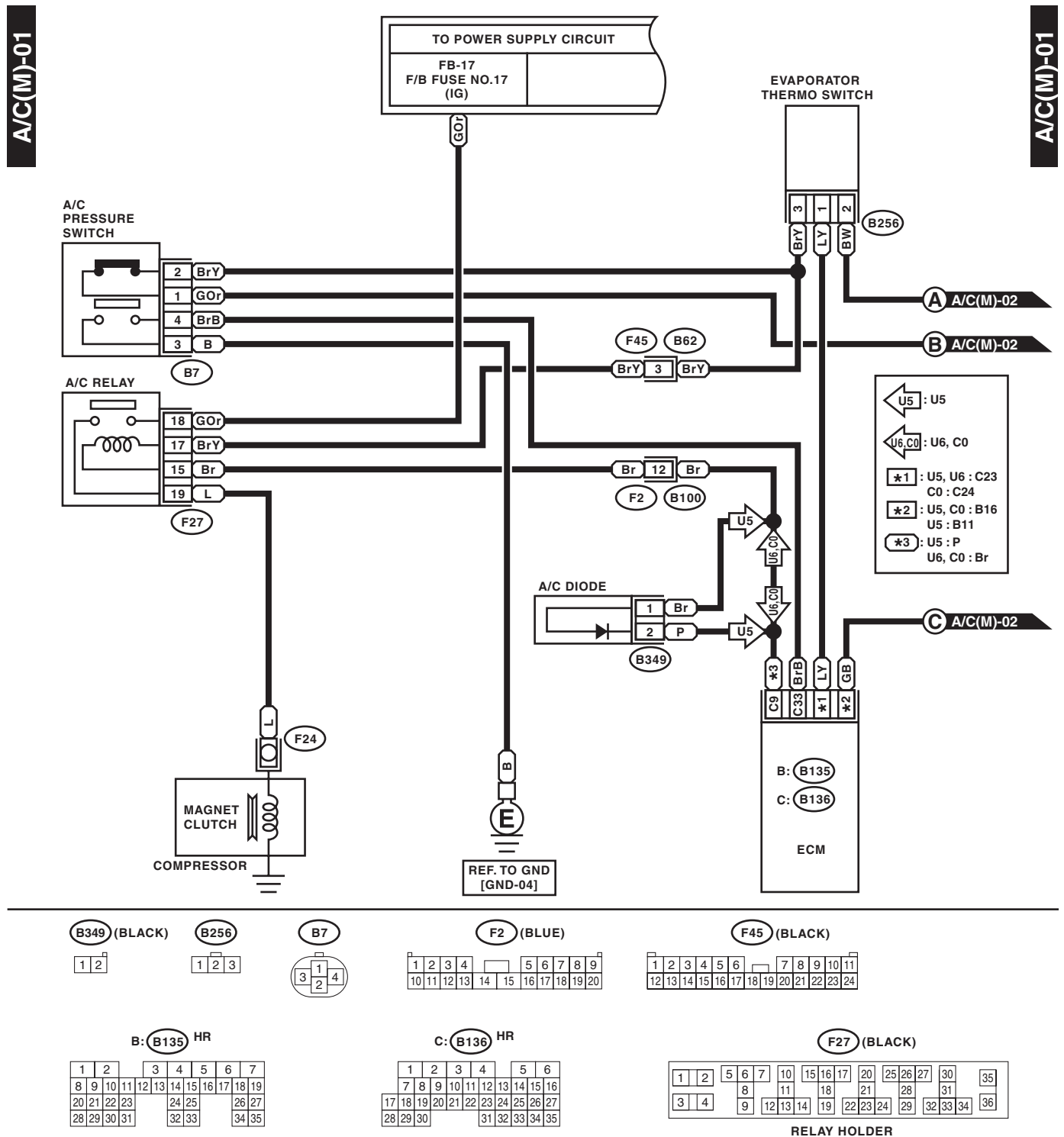
Air Conditioning System

WIRING SYSTEM

11. Air Conditioning System

A: WIRING DIAGRAM

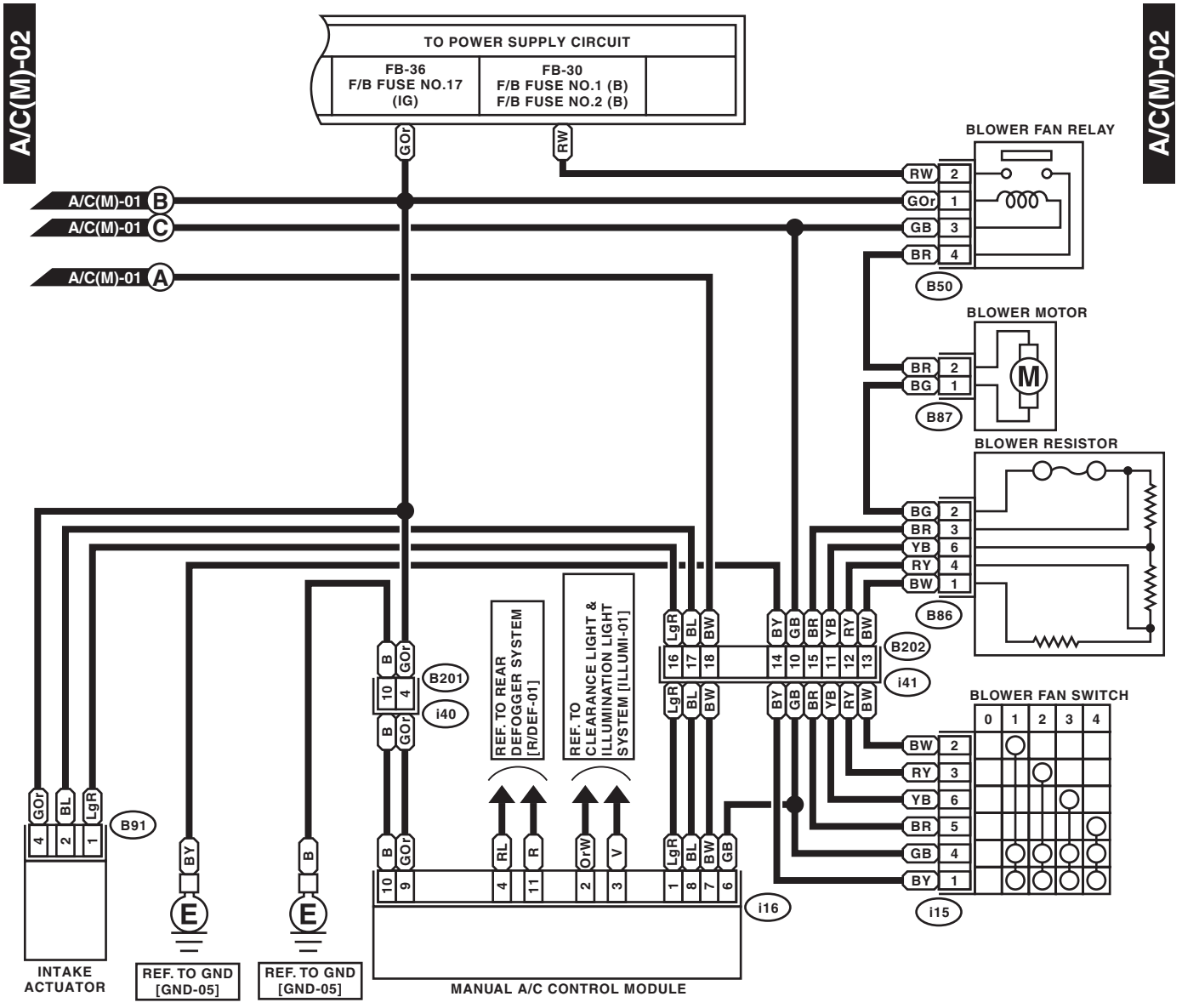
1. MANUAL A/C MODEL



WI-16150

Air Conditioning System

WIRING SYSTEM



A/C(M)-02

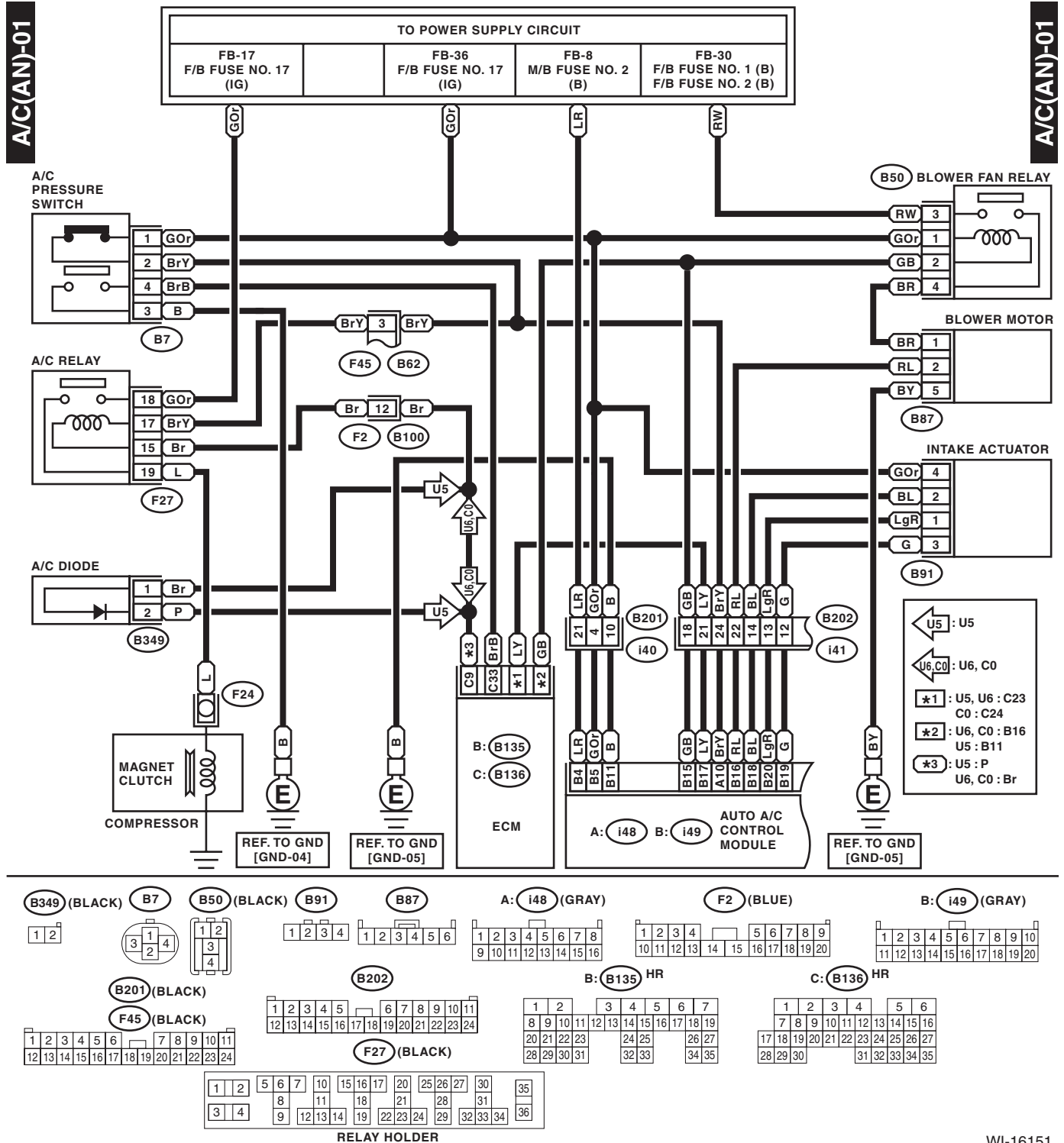
A/C(M)-02

WI-12245

Air Conditioning System

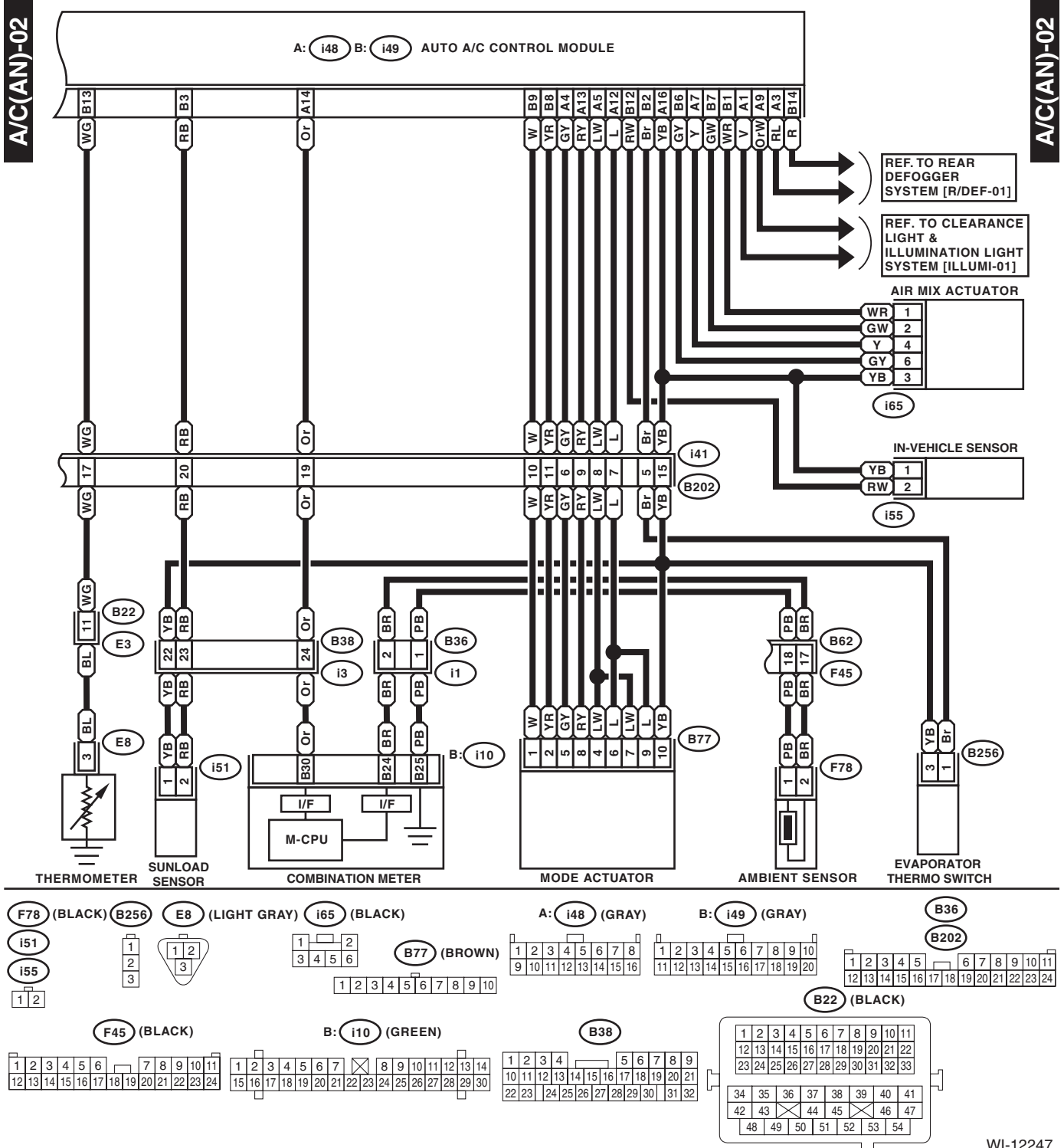
WIRING SYSTEM

2. AUTO A/C NON-TURBO MODEL



Air Conditioning System

WIRING SYSTEM

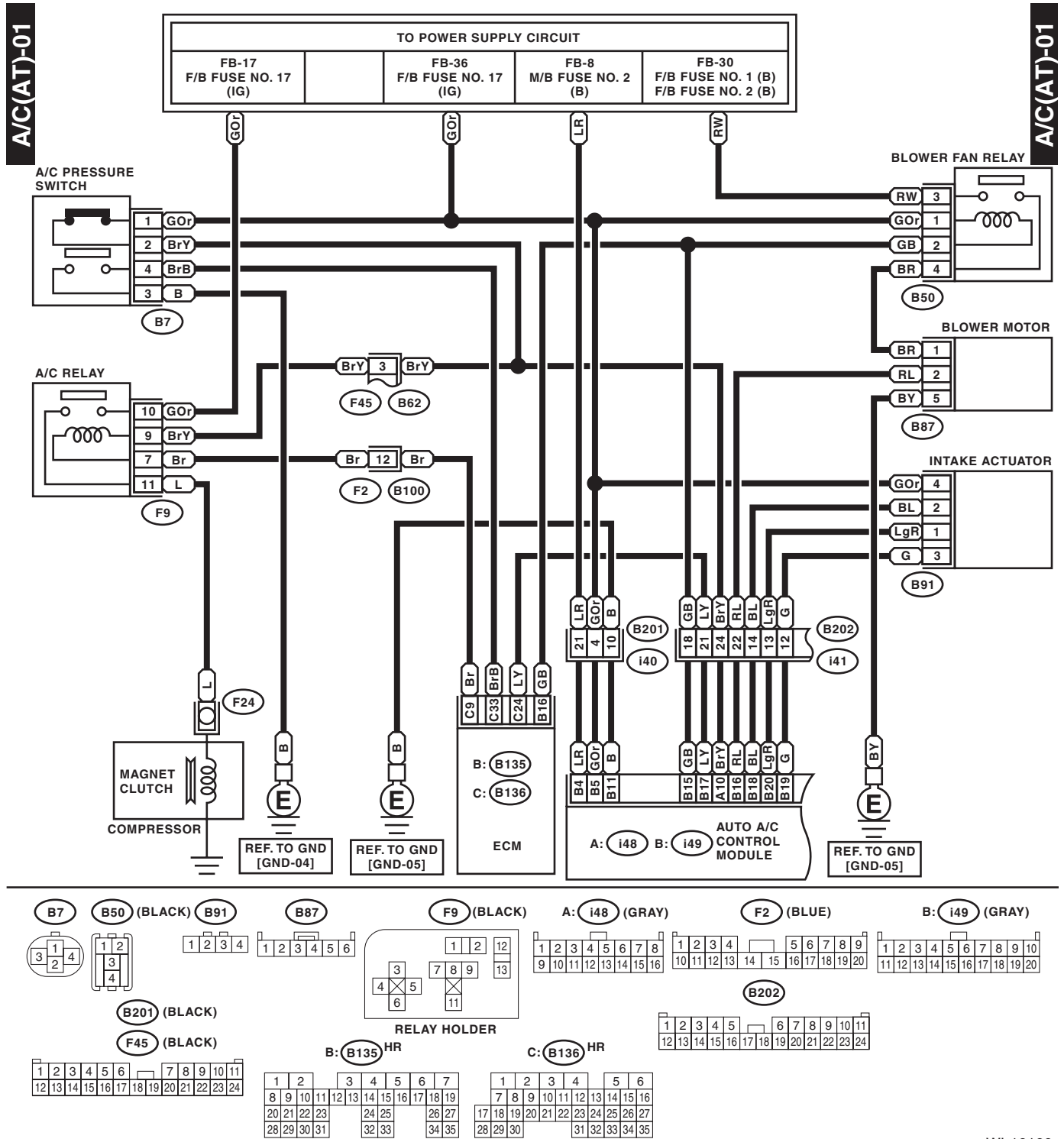


WI-12247

Air Conditioning System

WIRING SYSTEM

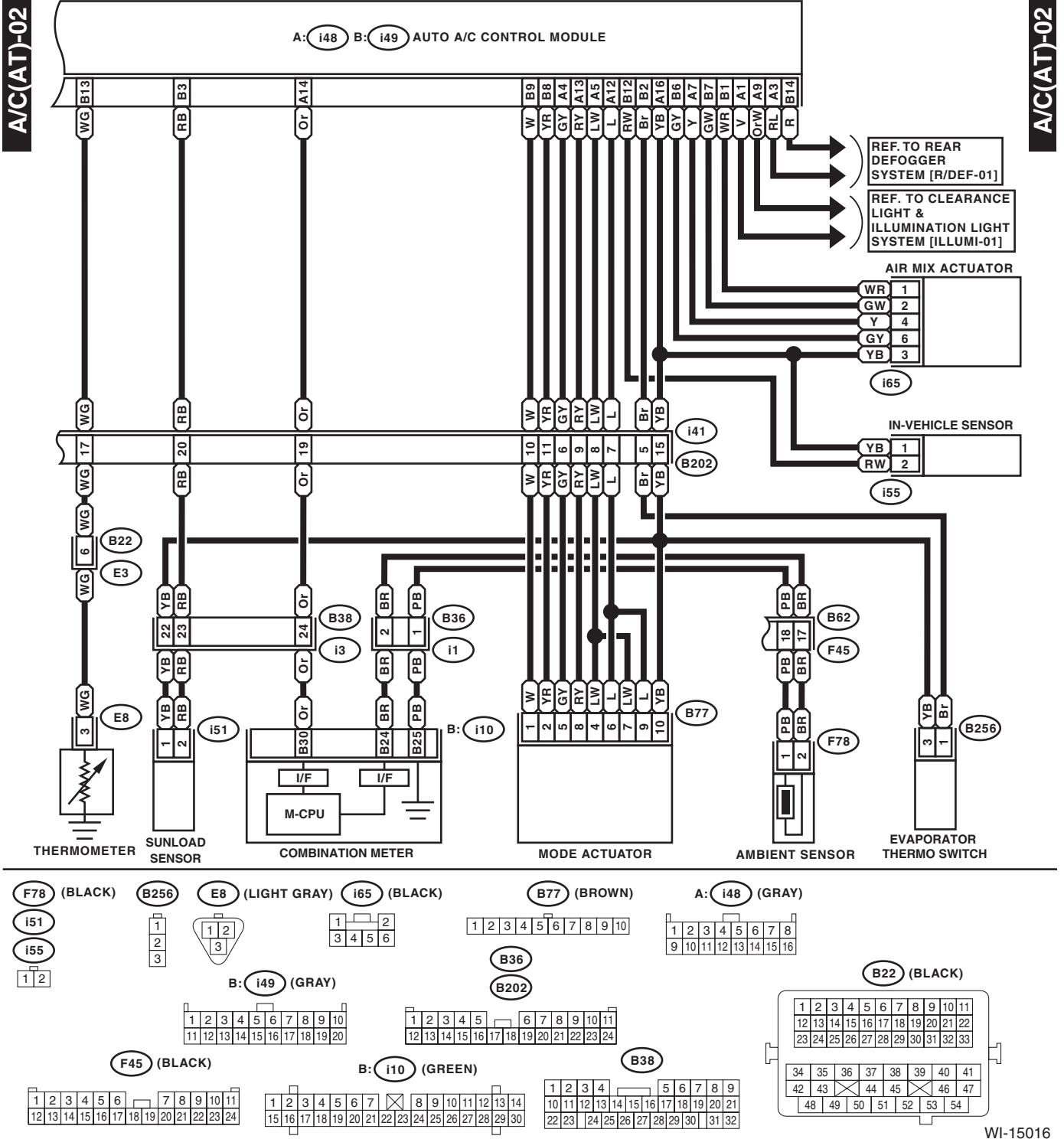
3. AUTO A/C TURBO MODEL



WI-16166

Air Conditioning System

WIRING SYSTEM

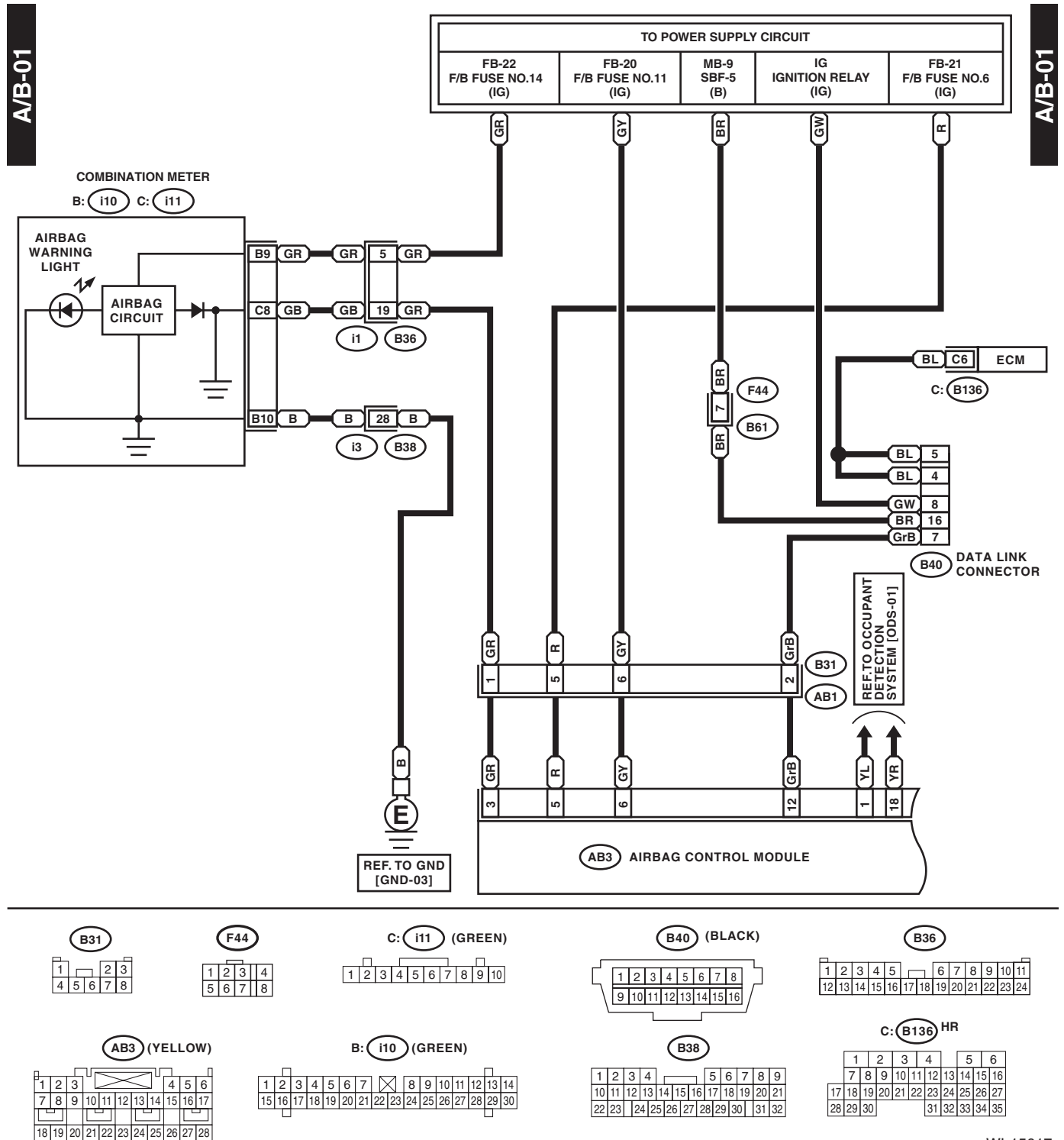


Airbag System

WIRING SYSTEM

12. Airbag System

A: WIRING DIAGRAM



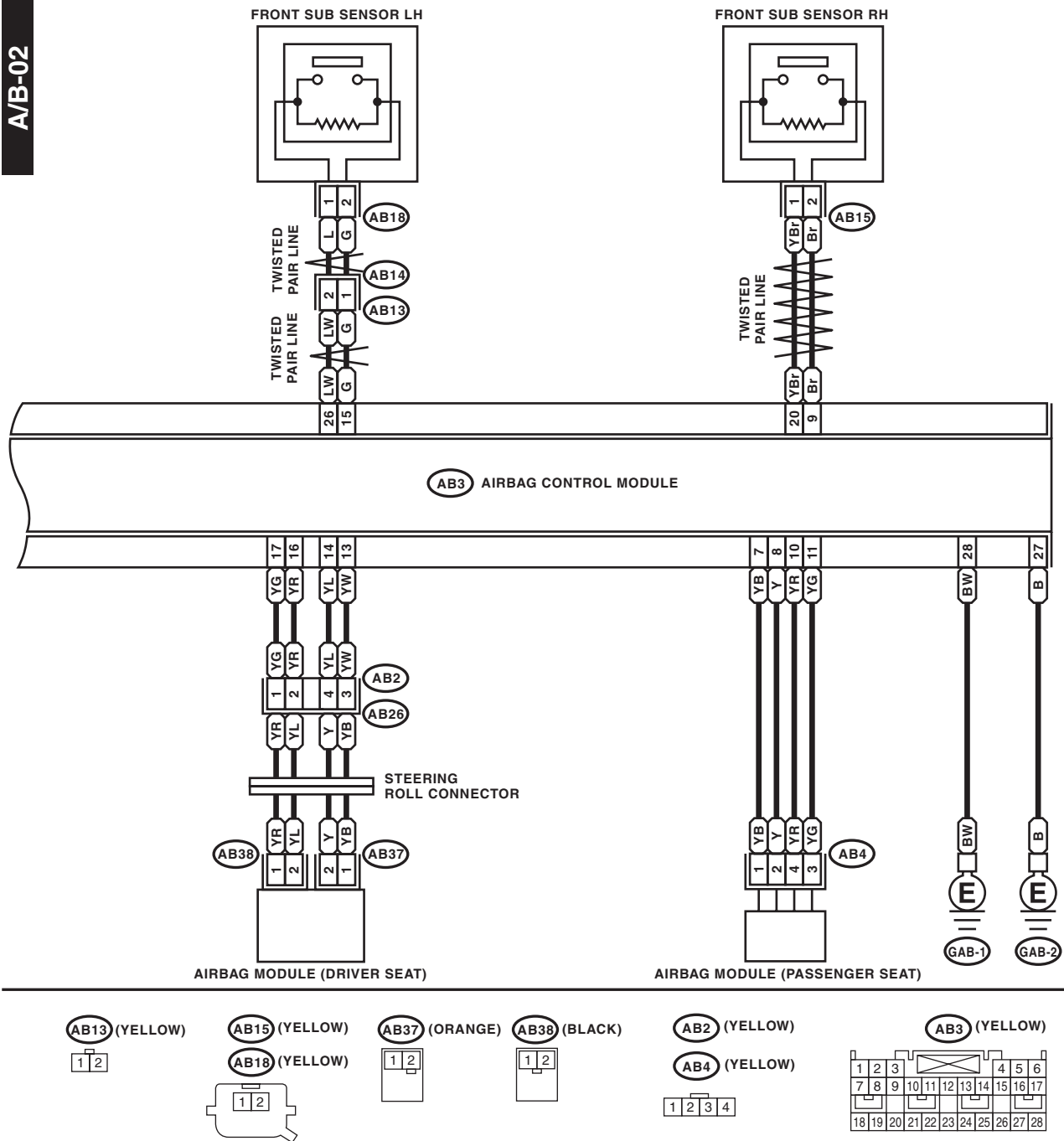
WI-15017

Airbag System

WIRING SYSTEM

A/B-02

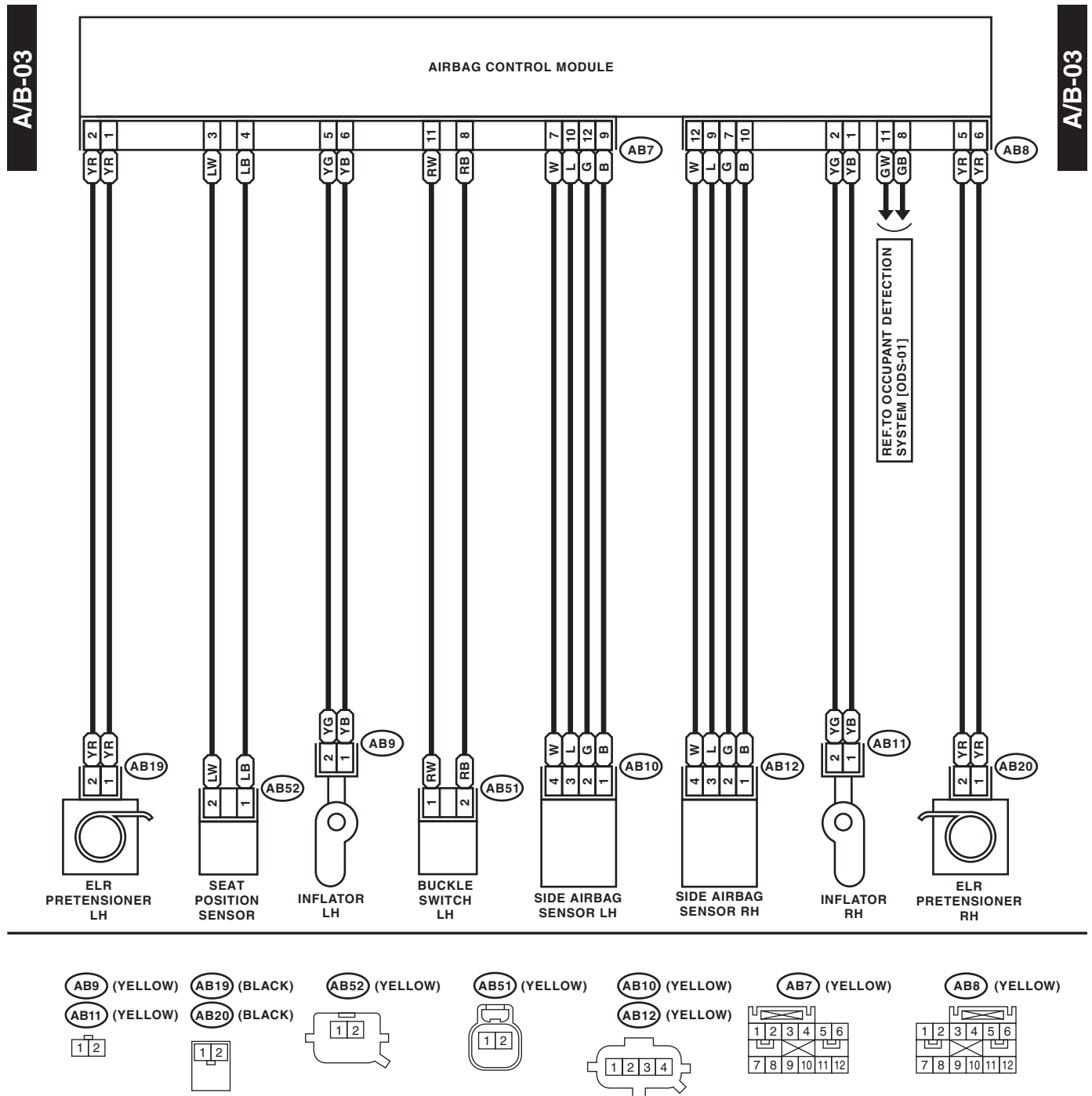
A/B-02



WI-16165

Airbag System

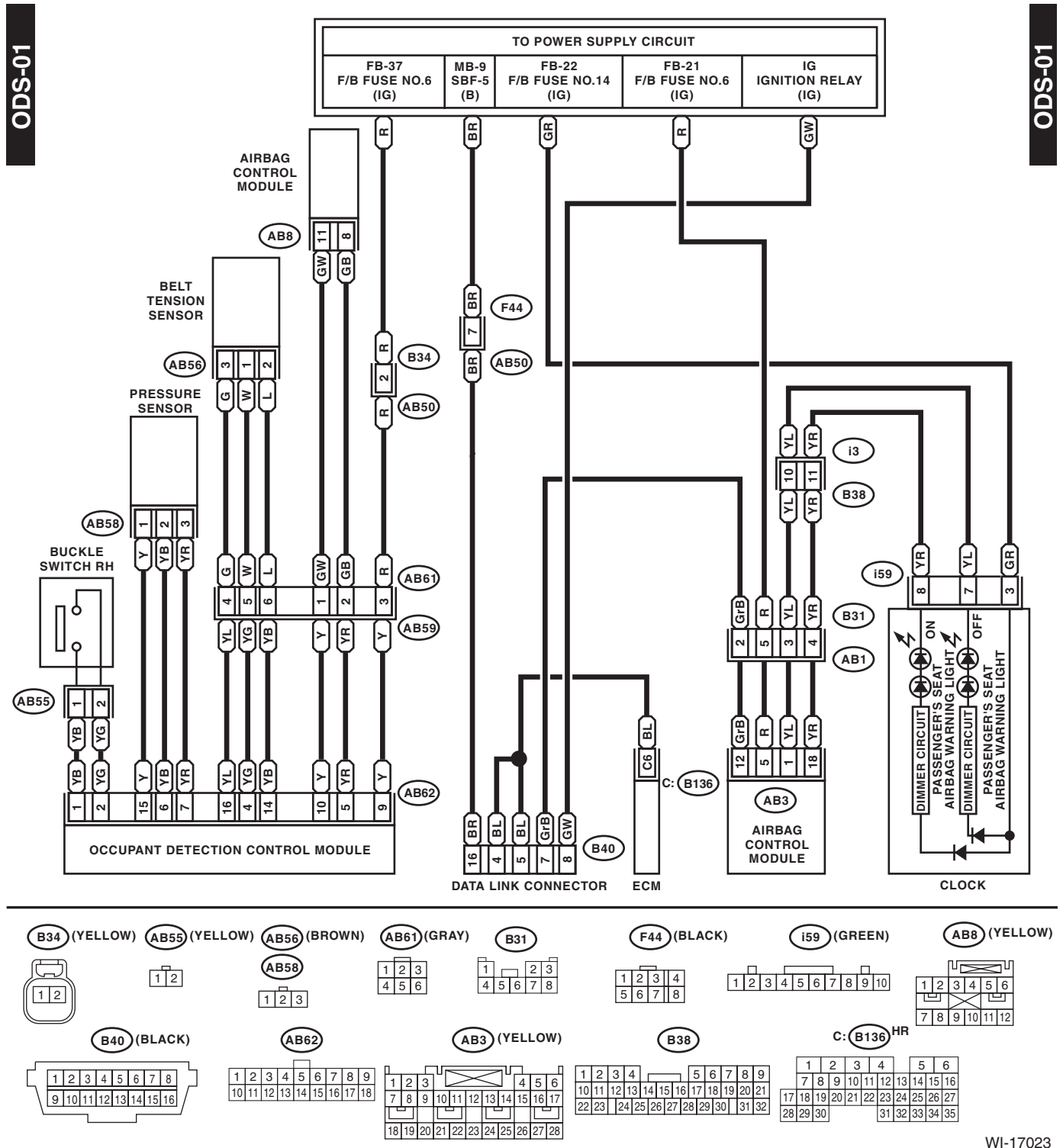
WIRING SYSTEM



WI-12324

13. Occupant Detection System

A: WIRING DIAGRAM



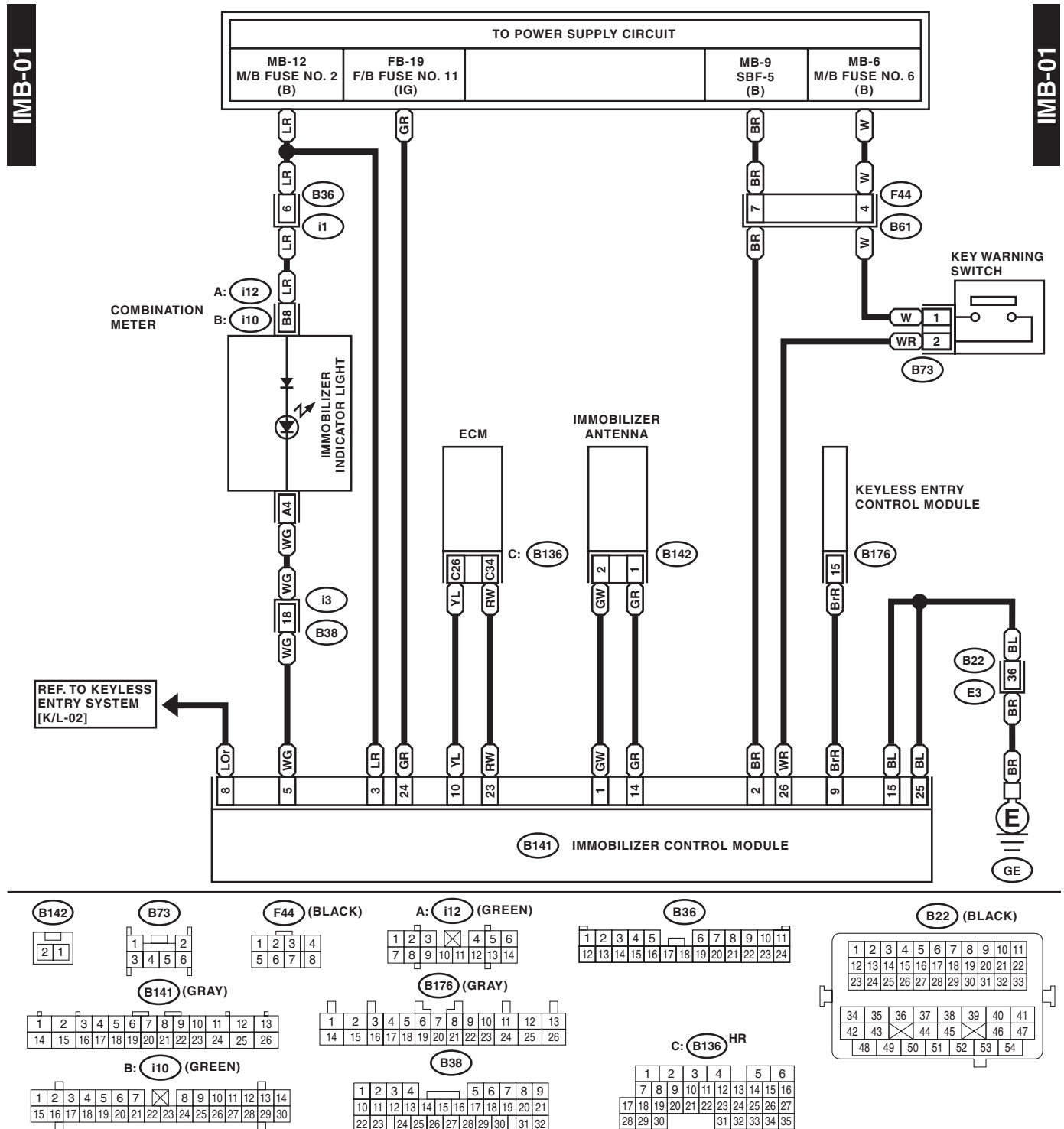
WI-17023

Immobilizer System

WIRING SYSTEM

14. Immobilizer System

A: WIRING DIAGRAM

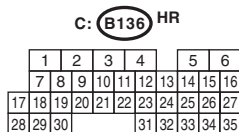
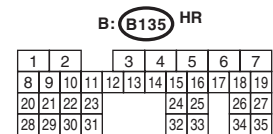
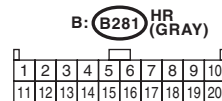
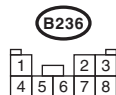
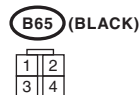
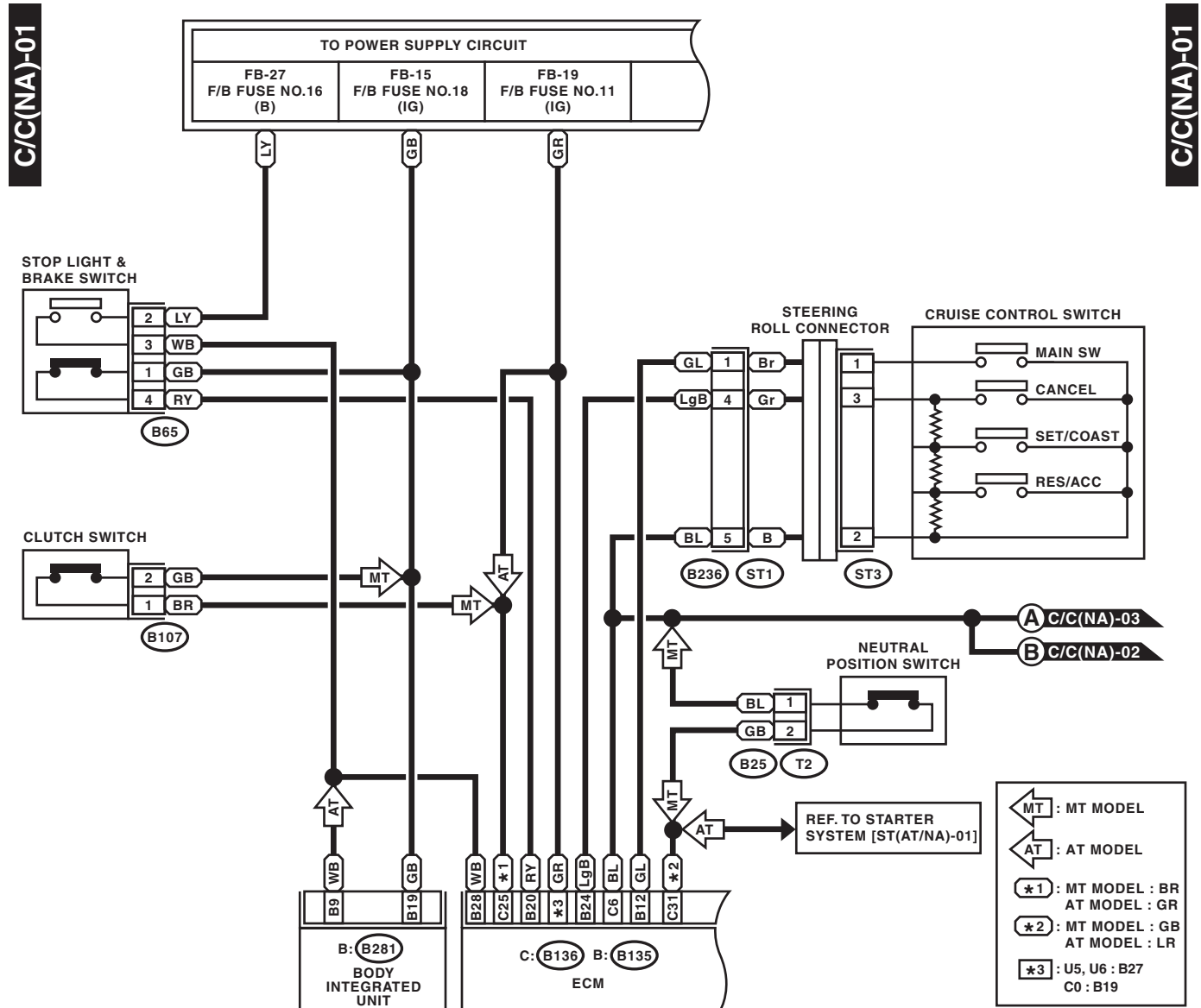


WI-16837

15. Cruise Control System

A: WIRING DIAGRAM

1. NON-TURBO MODEL



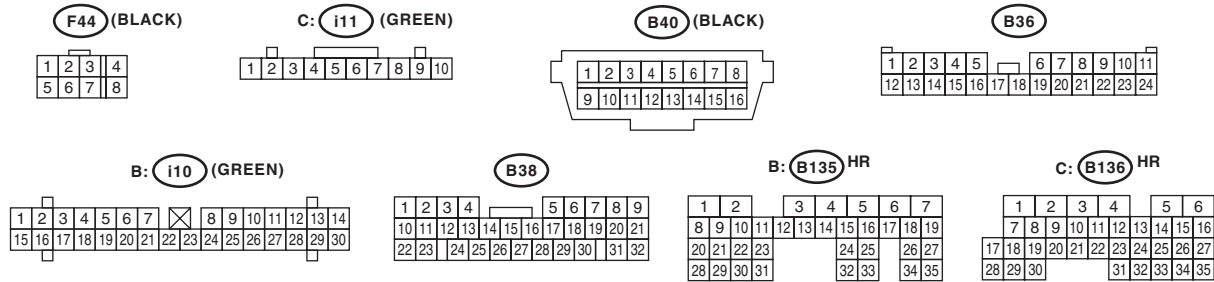
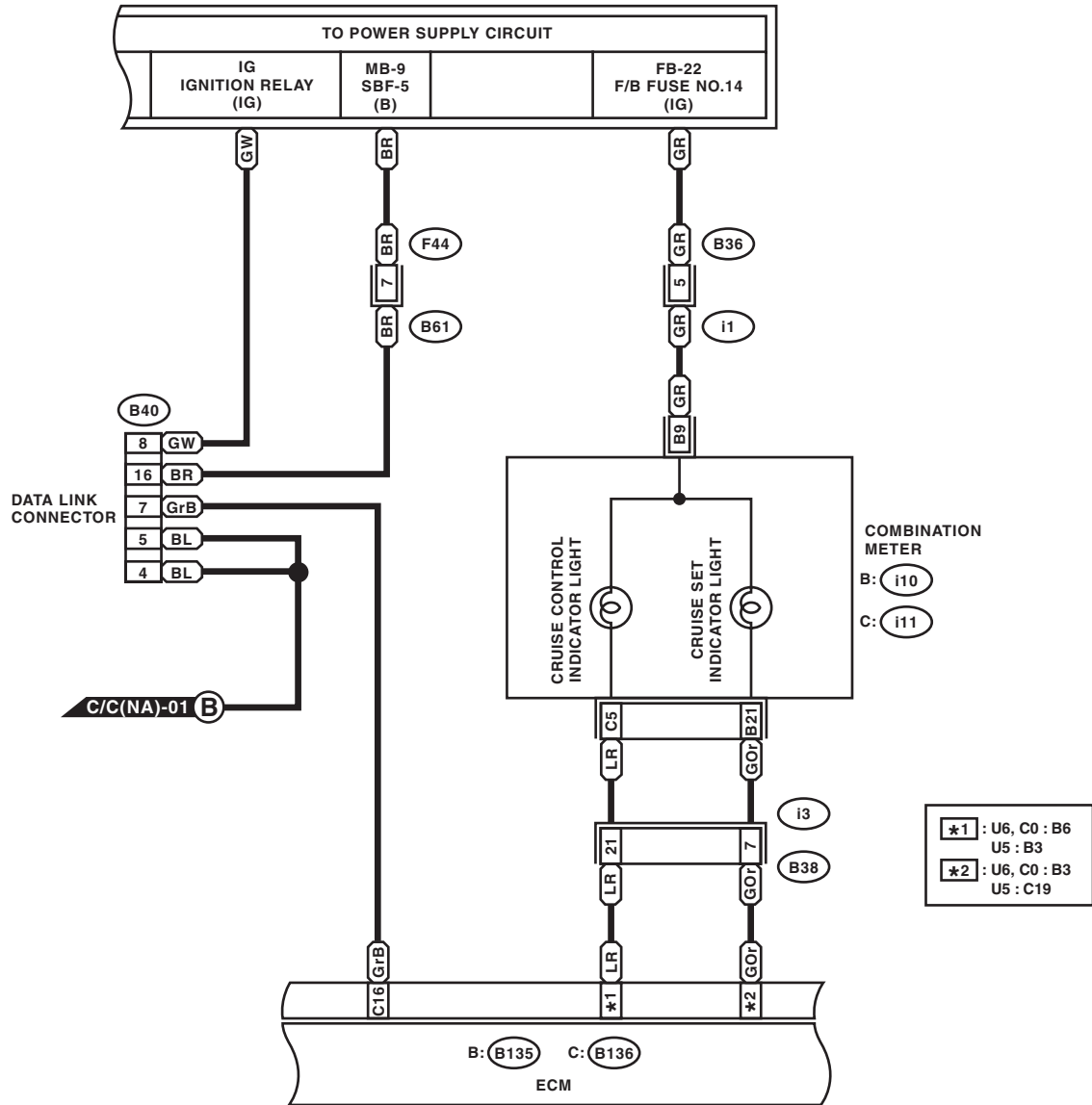
WI-16152

Cruise Control System

WIRING SYSTEM

C/C(NA)-02

C/C(NA)-02



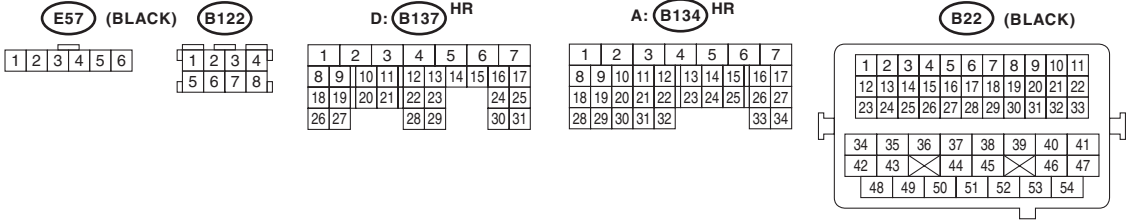
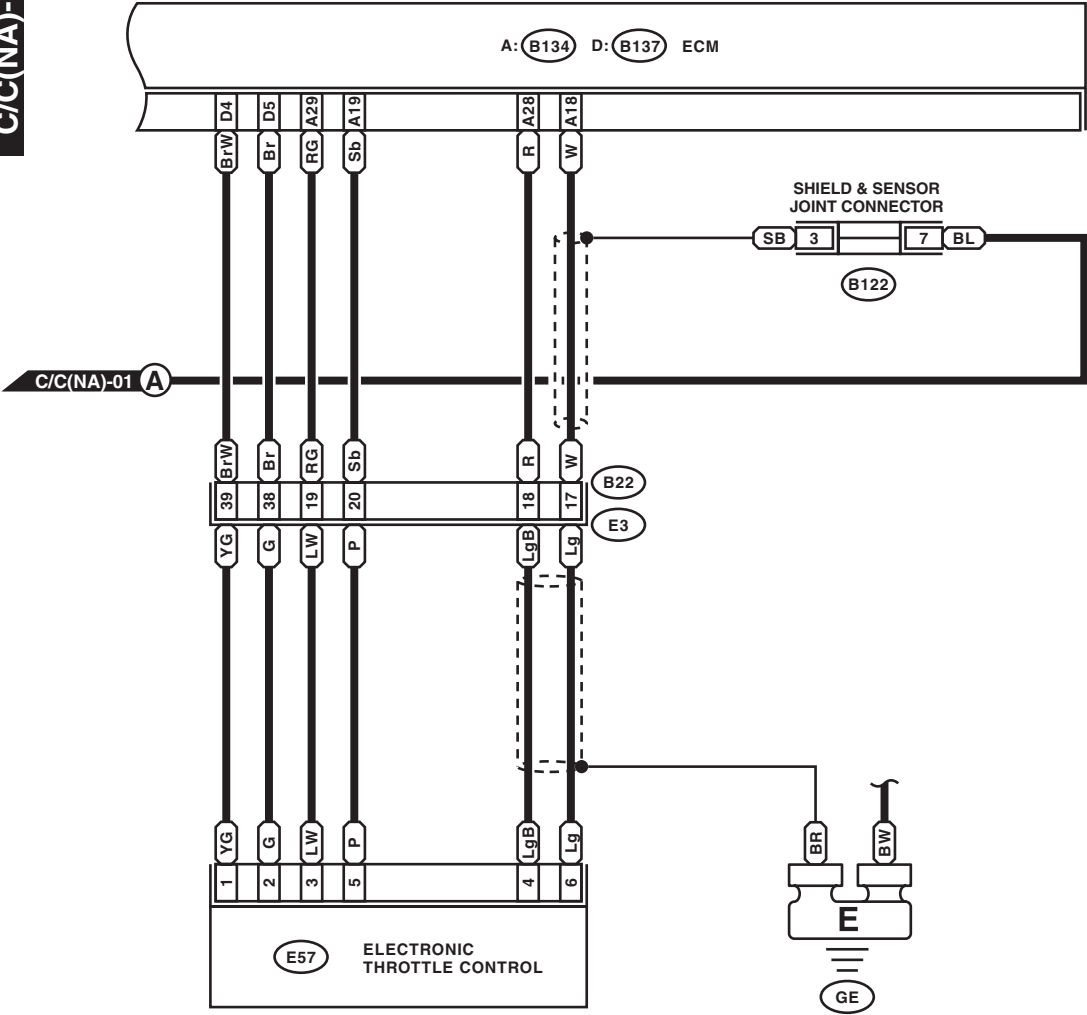
WI-16153

Cruise Control System

WIRING SYSTEM

C/C(NA)-03

C/C(NA)-03

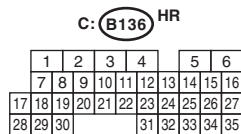
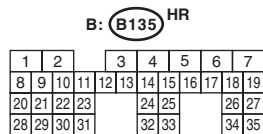
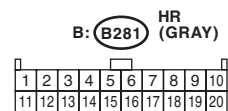
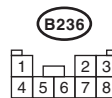
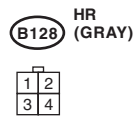
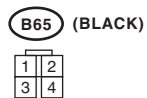
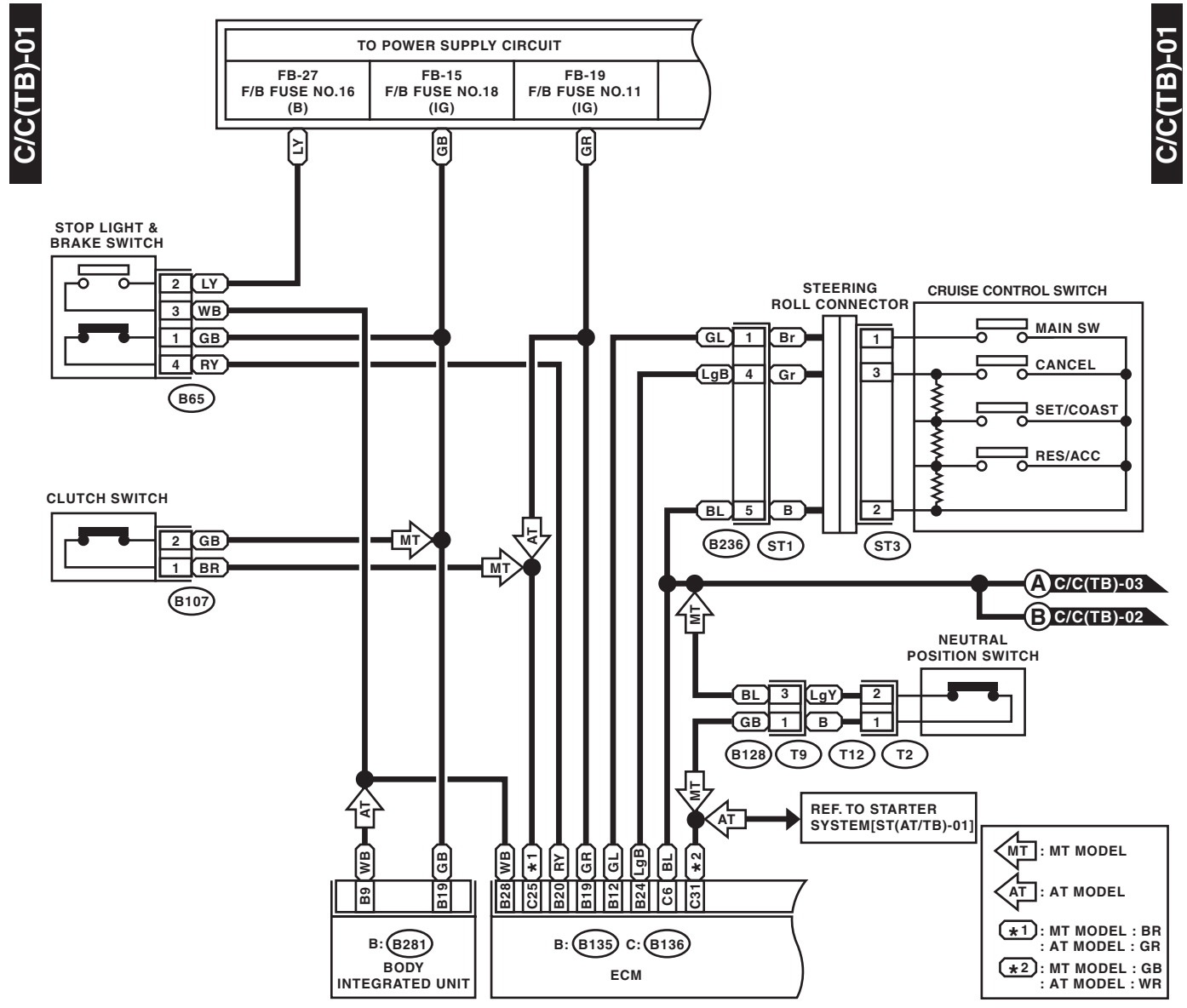


WI-15022

Cruise Control System

WIRING SYSTEM

2. TURBO MODEL



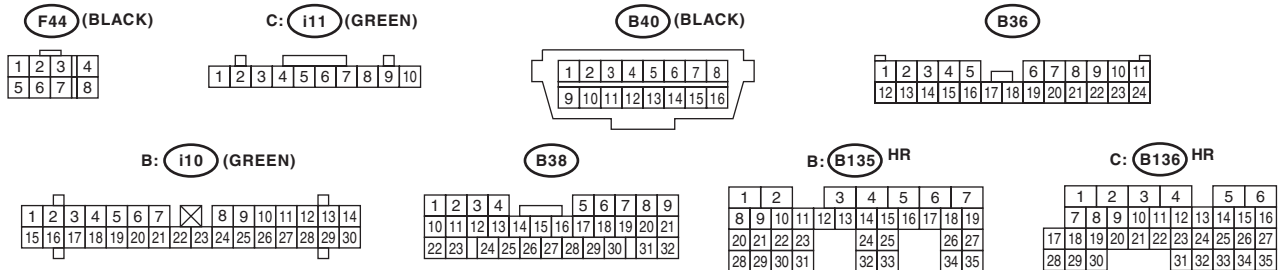
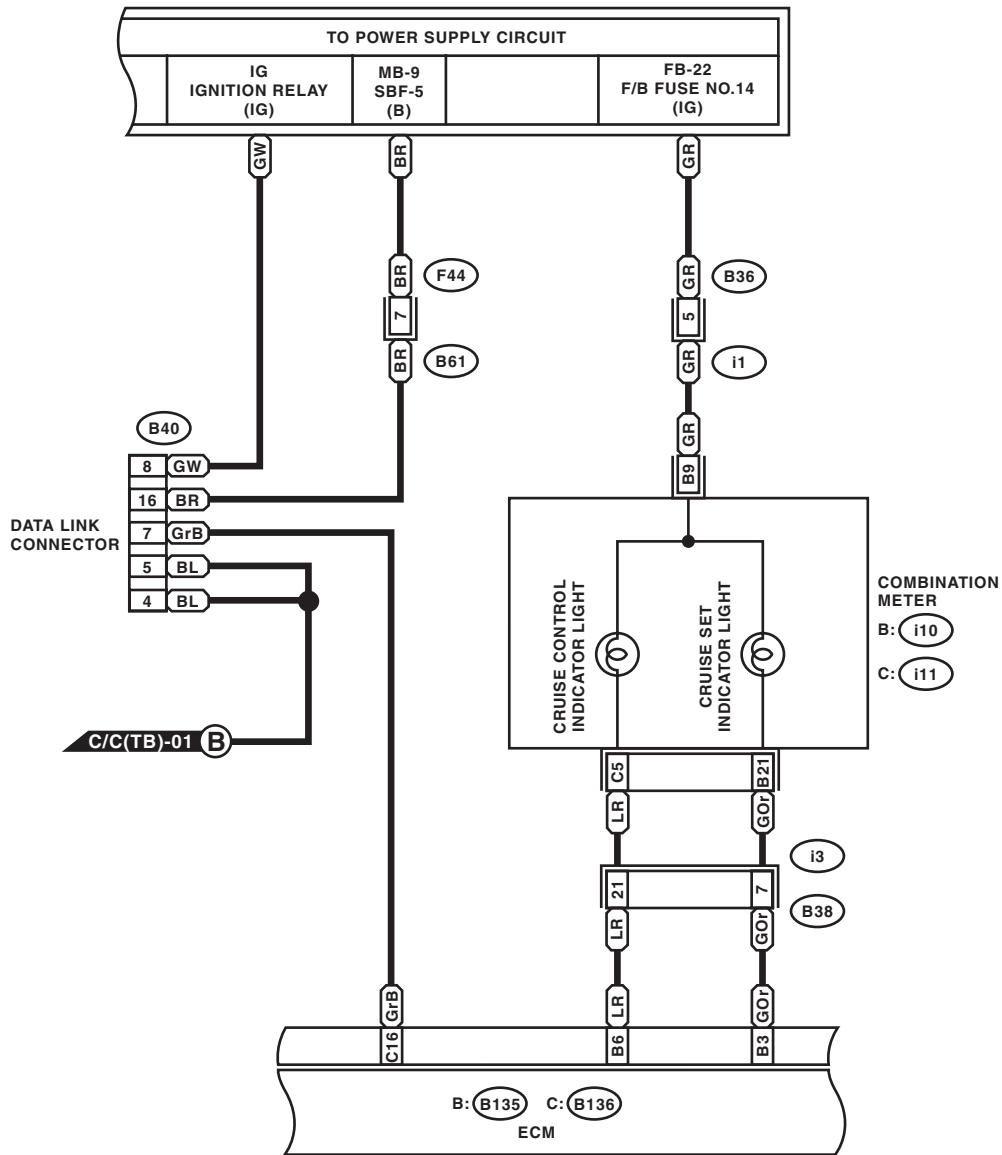
WI-15023

Cruise Control System

WIRING SYSTEM

C/C(TB)-02

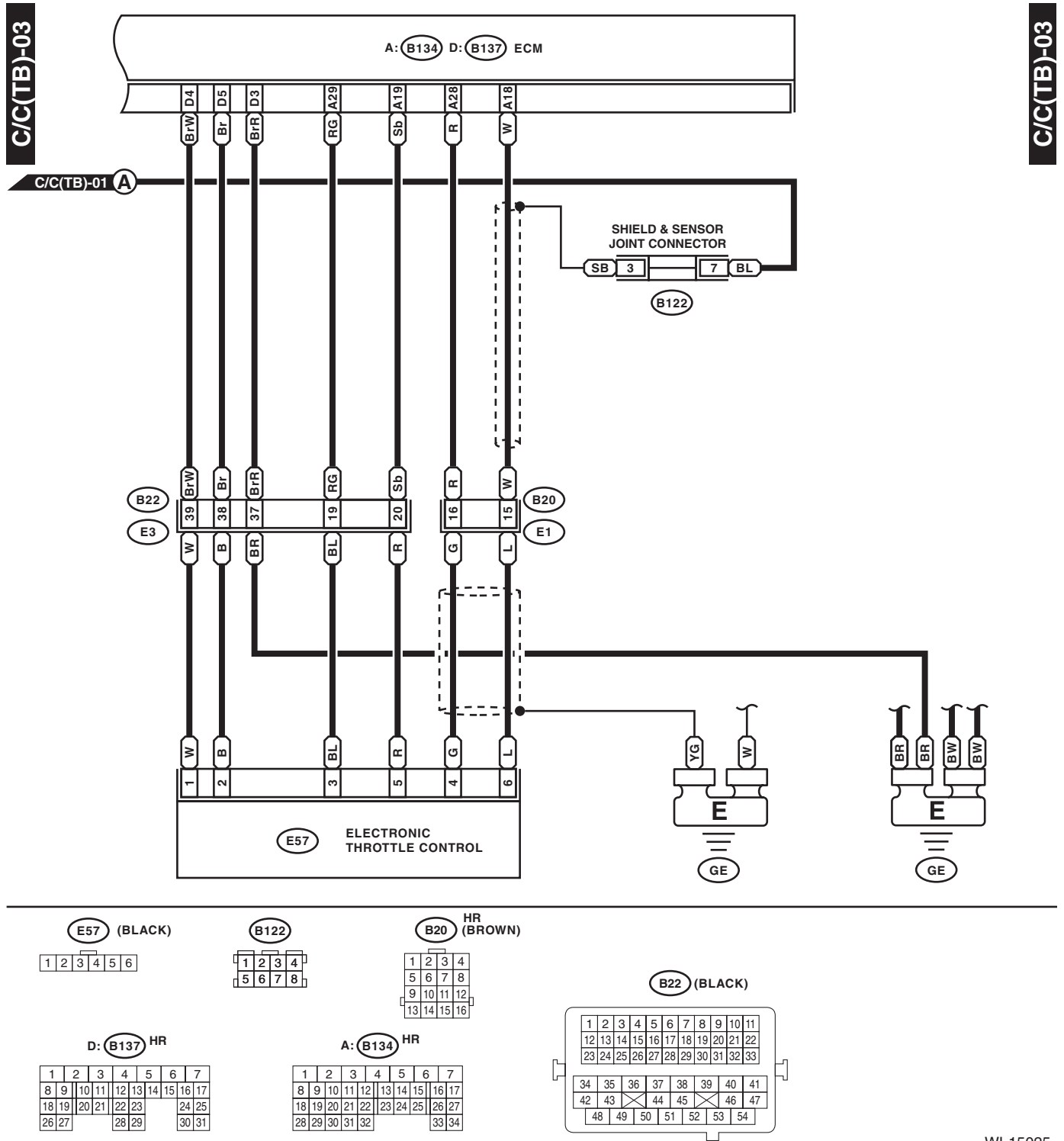
C/C(TB)-02



WI-16782

Cruise Control System

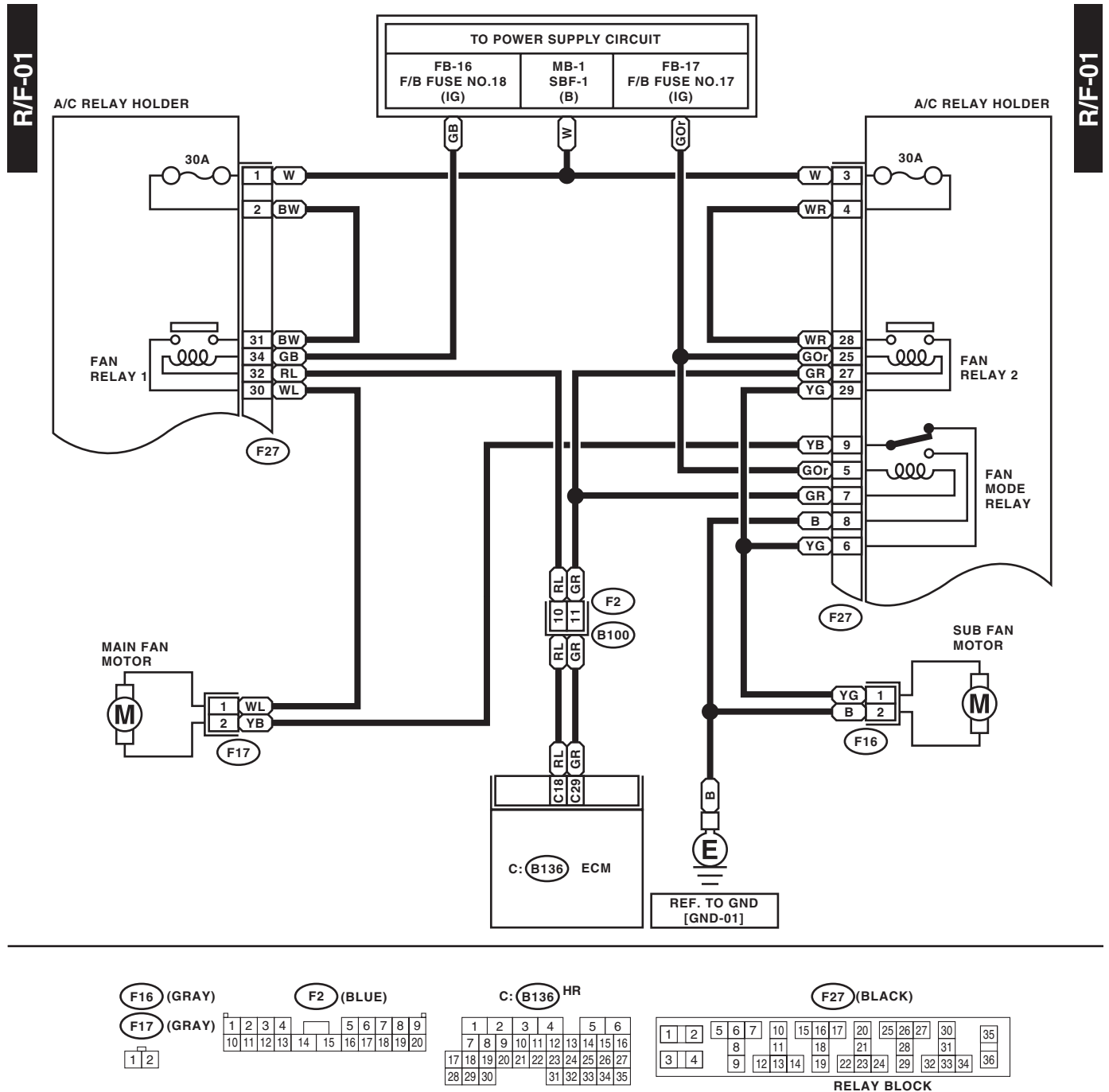
WIRING SYSTEM



WI-15025

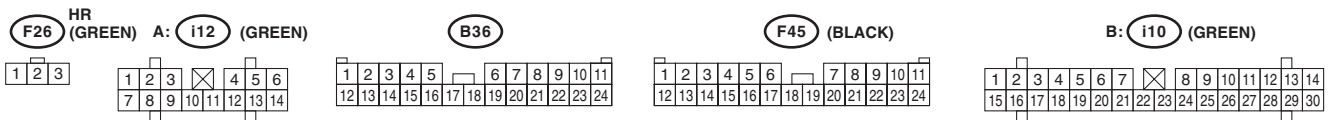
16.Radiator Fan System

A: WIRING DIAGRAM



A: WIRING DIAGRAM

CHG-01



A: WIRING DIAGRAM

ST(MT)-01

TO POWER SUPPLY CIRCUIT
ST
IGNITION SWITCH
(ST)

INTERRUPT RELAY

STARTER INTERLOCK RELAY

BATTERY

STARTER MOTOR

CLUTCH SWITCH

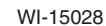
KEYLESS ENTRY CONTROL MODULE

ECM

BODY INTEGRATED UNIT

NA : NON-TURBO MODEL
TB : TURBO MODEL
*1 : NON-TURBO MODEL : GL
TURBO MODEL : GY
*2 : NON-TURBO MODEL : GY
TURBO MODEL : B

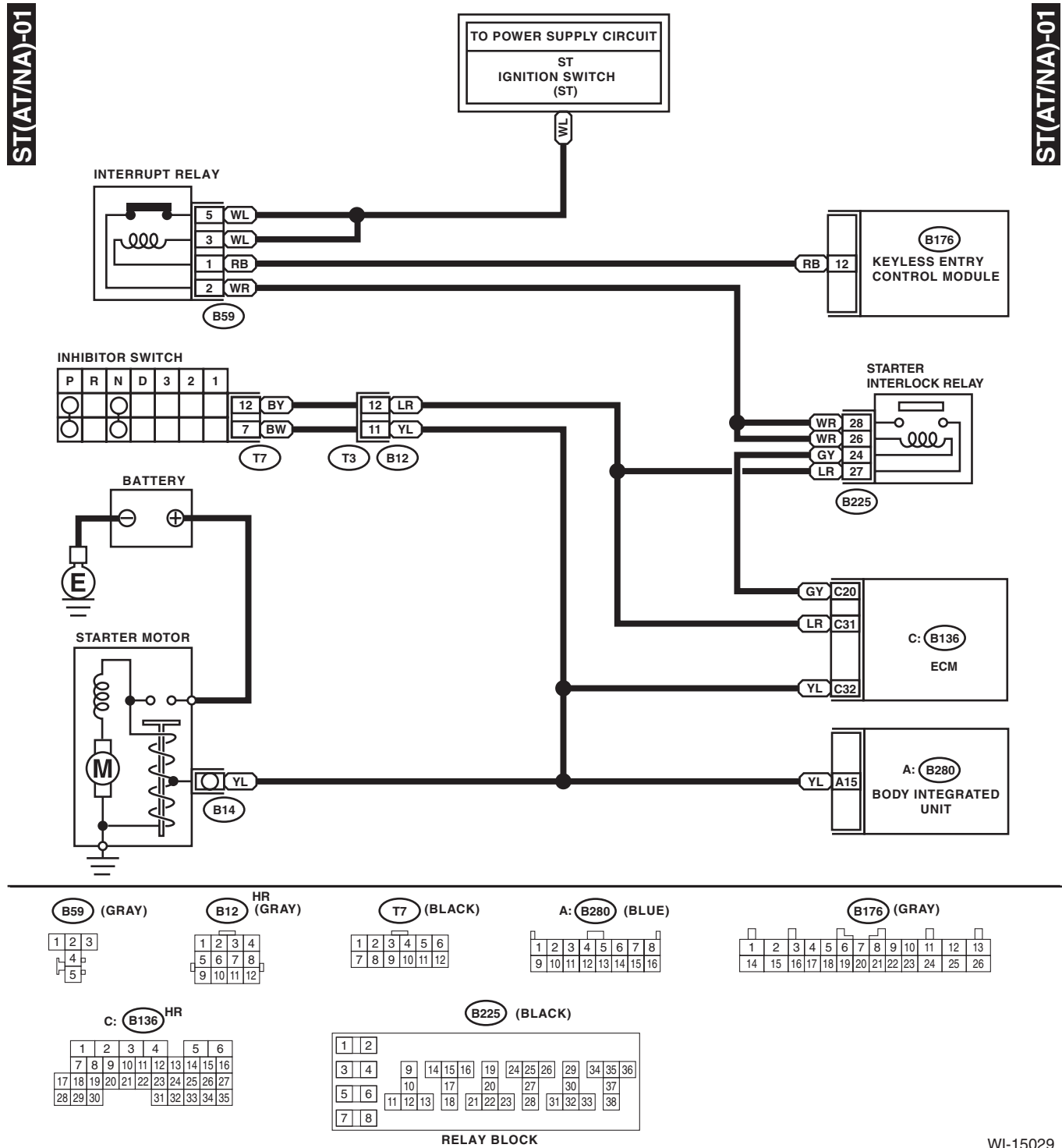
REF. TO GND [GND-02]



Starter System

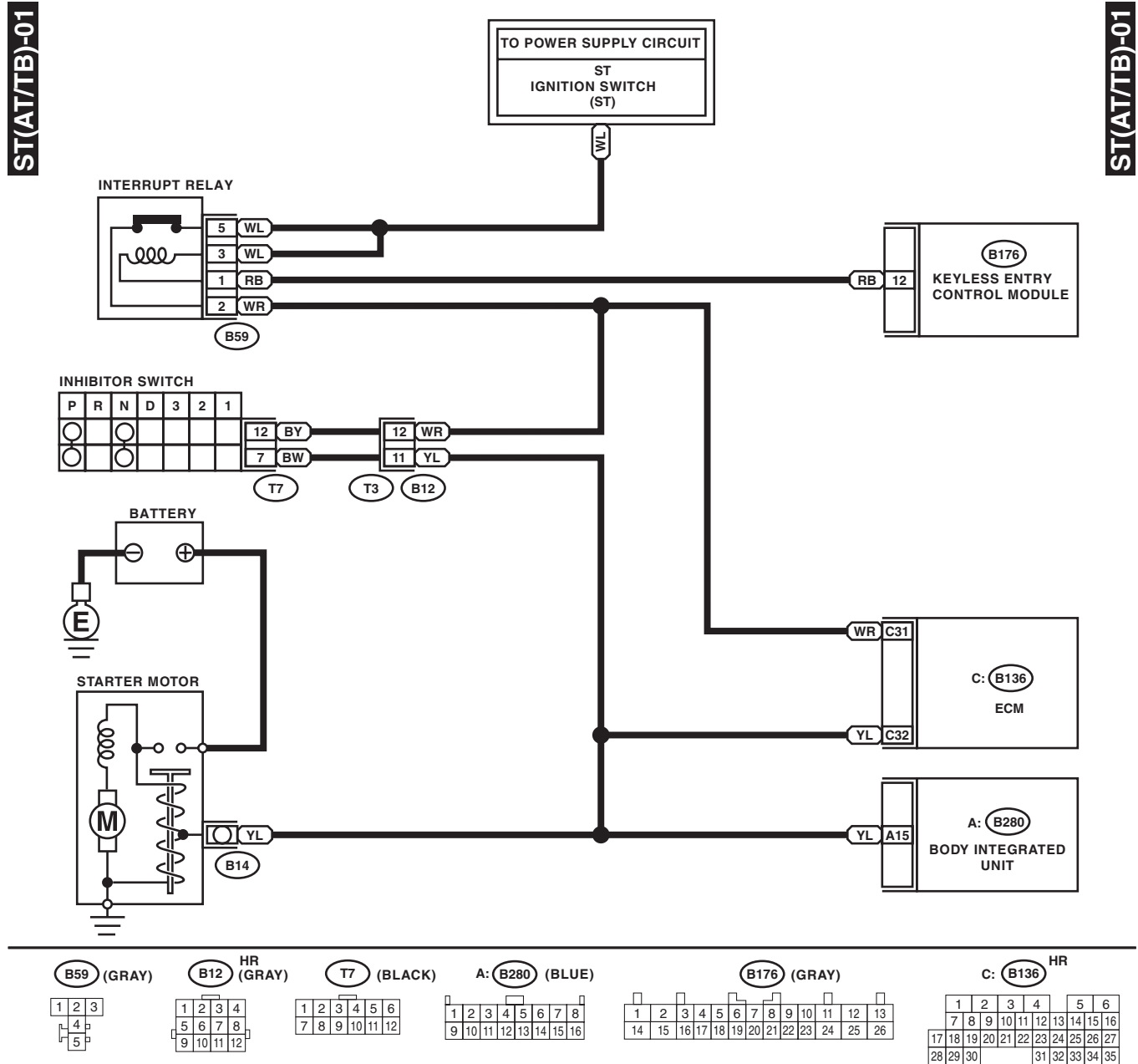
WIRING SYSTEM

2. AT NON-TURBO MODEL



WI-15029

3. AT TURBO MODEL



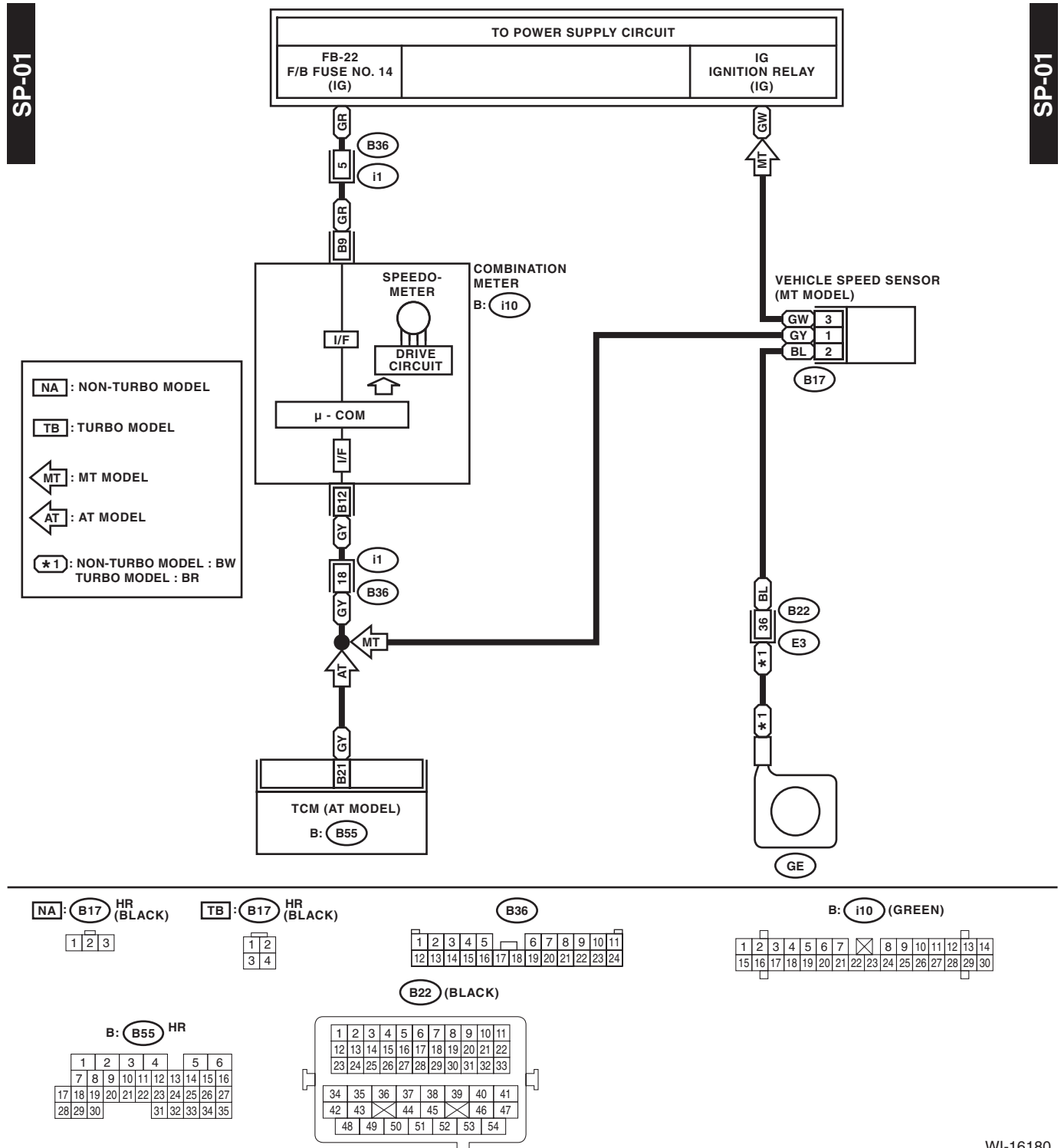
WI-15030

Speedometer System

WIRING SYSTEM

19.Speedometer System

A: WIRING DIAGRAM

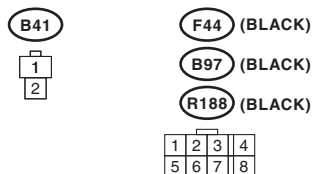
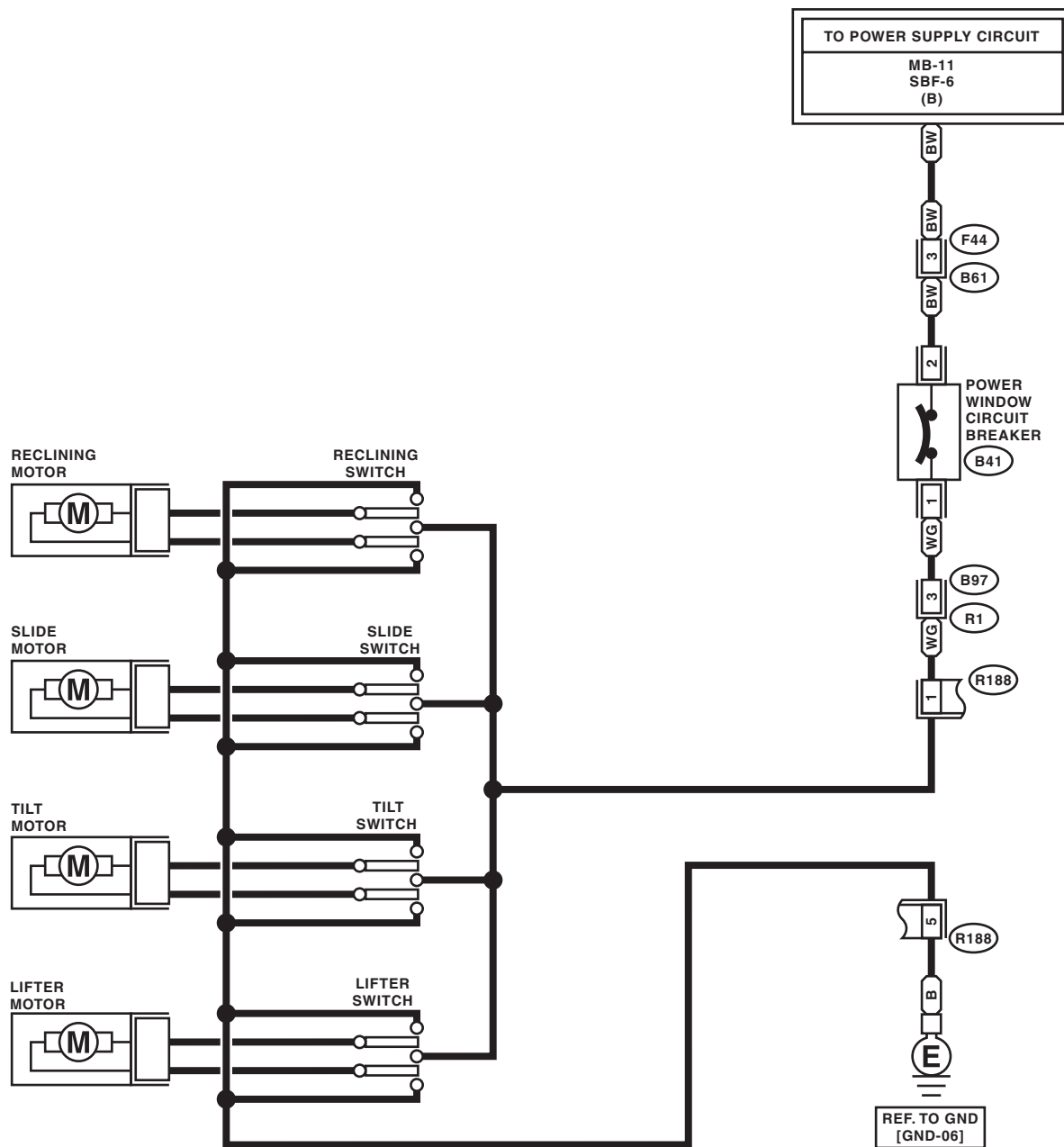


WI-16180

A: WIRING DIAGRAM

P/SEAT-01

P/SEAT-01

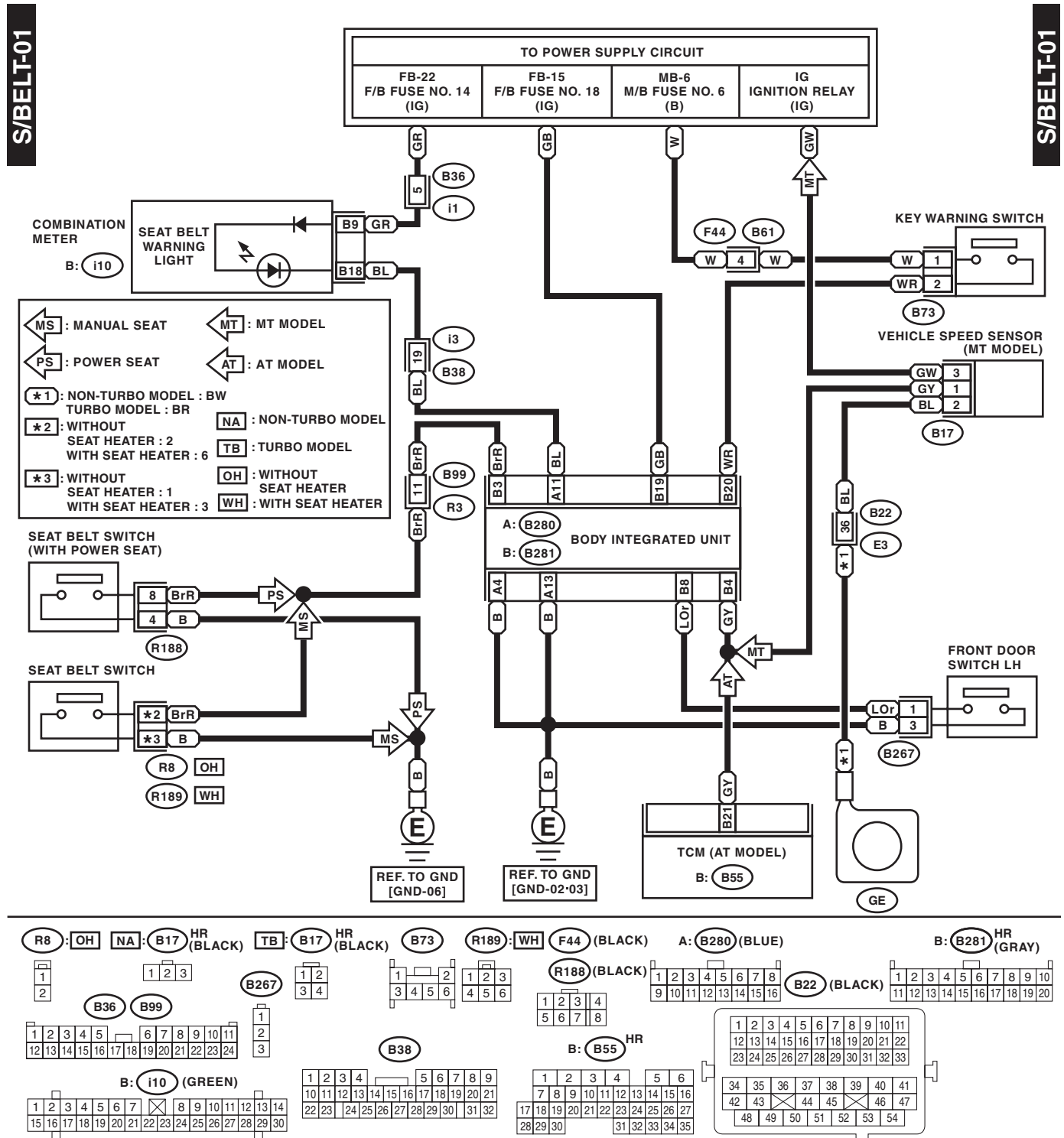


WI-17035

WIRING SYSTEM

21.Seat Belt Warning System

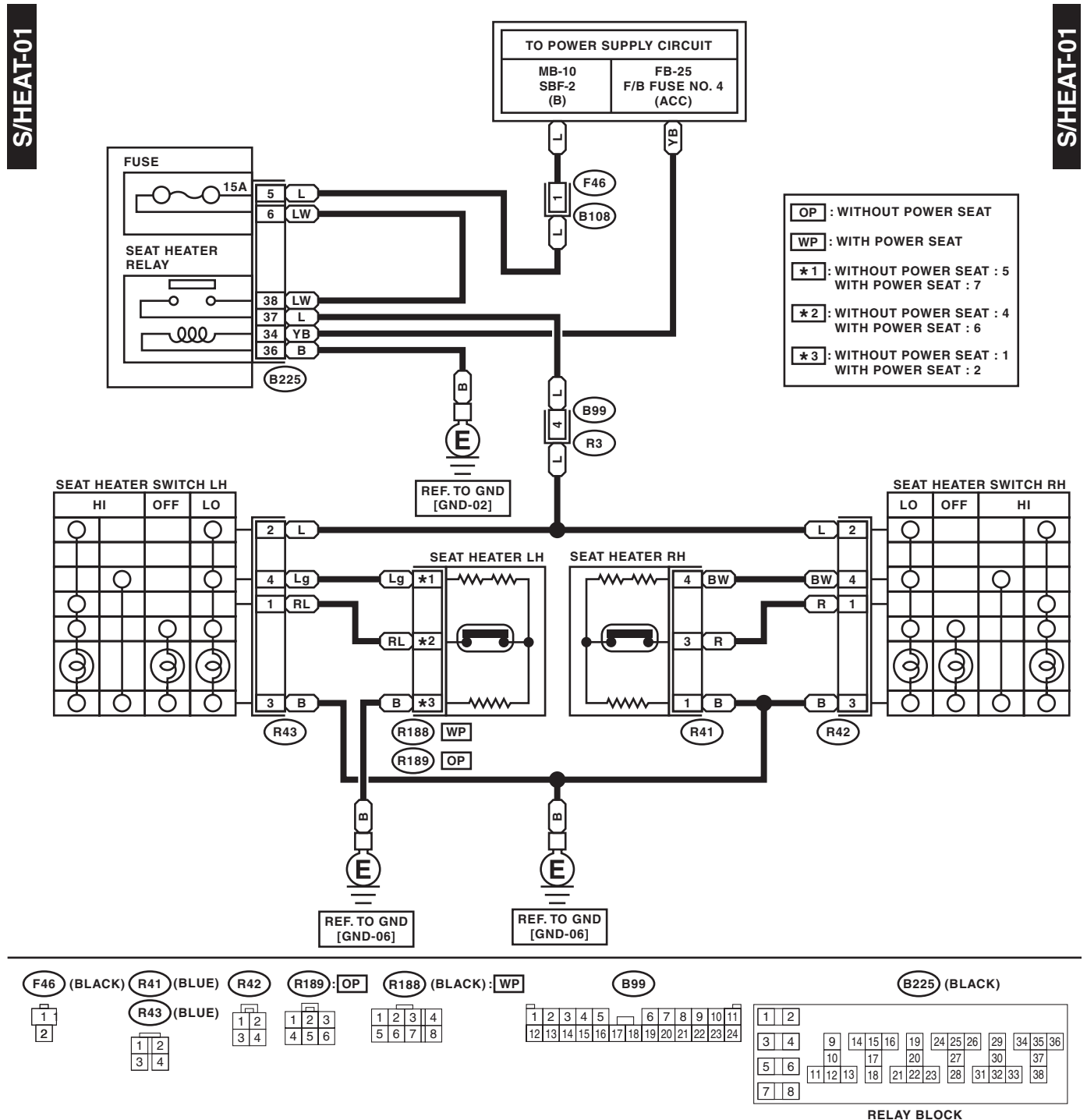
A: WIRING DIAGRAM



WI-16181

22.Seat Heater System

A: WIRING DIAGRAM



WI-16783

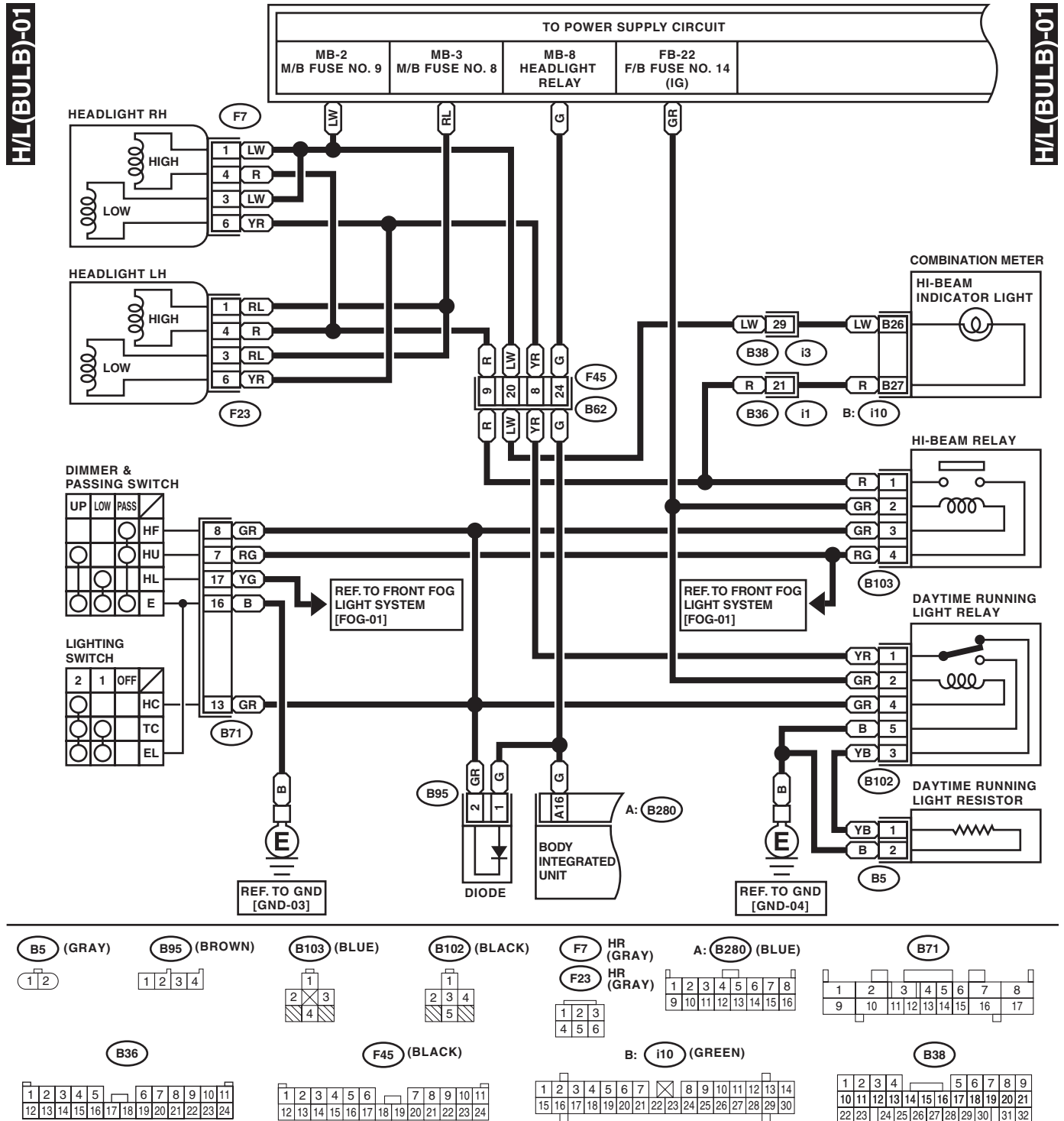
Headlight System

WIRING SYSTEM

23.Headlight System

A: WIRING DIAGRAM

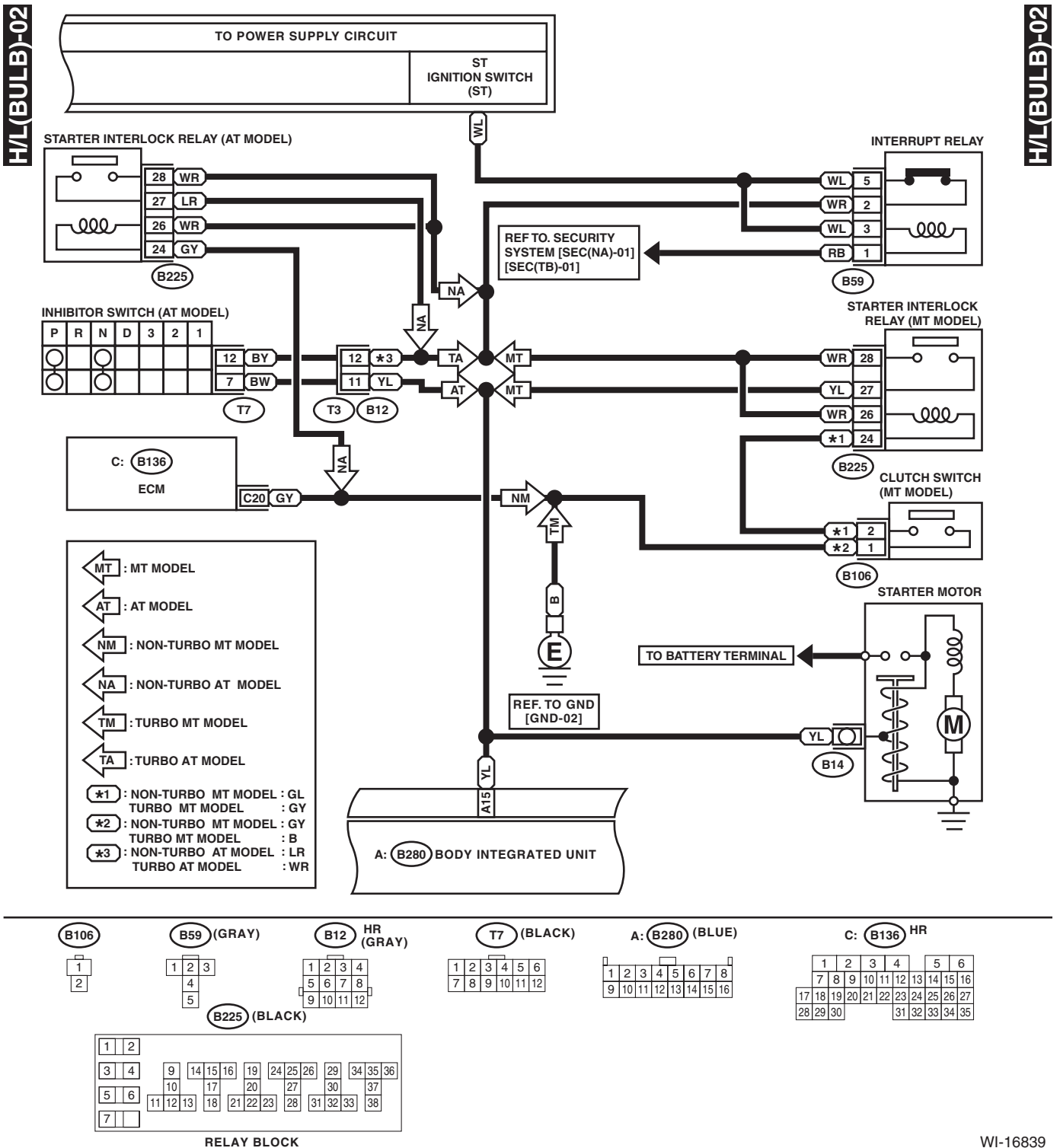
1. MODEL WITHOUT HID



WI-16838

Headlight System

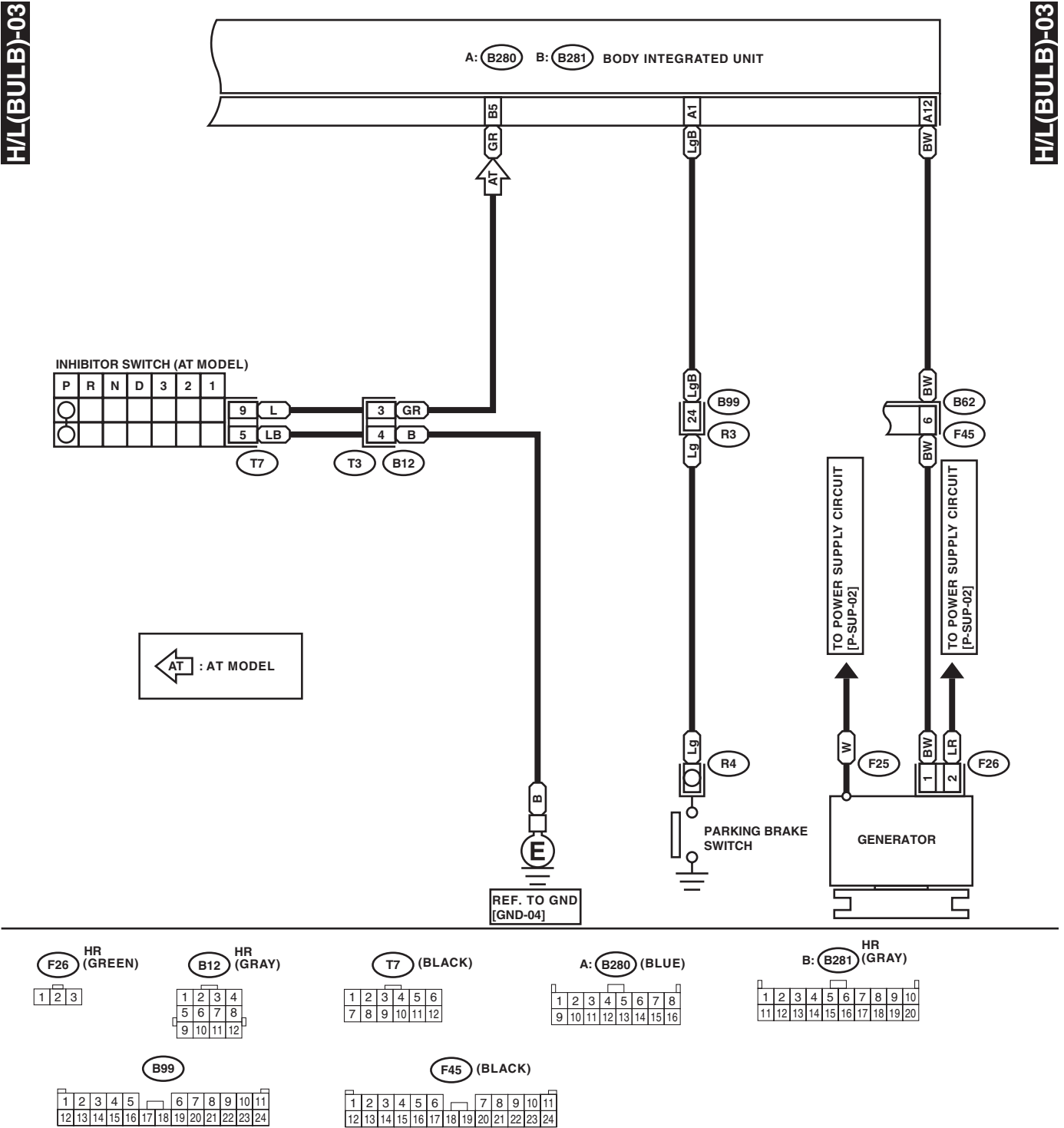
WIRING SYSTEM



WI-16839

Headlight System

WIRING SYSTEM



WI-15035

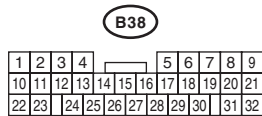
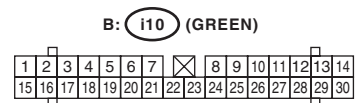
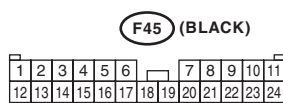
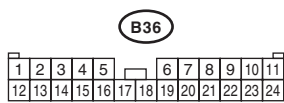
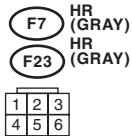
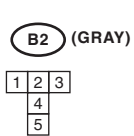
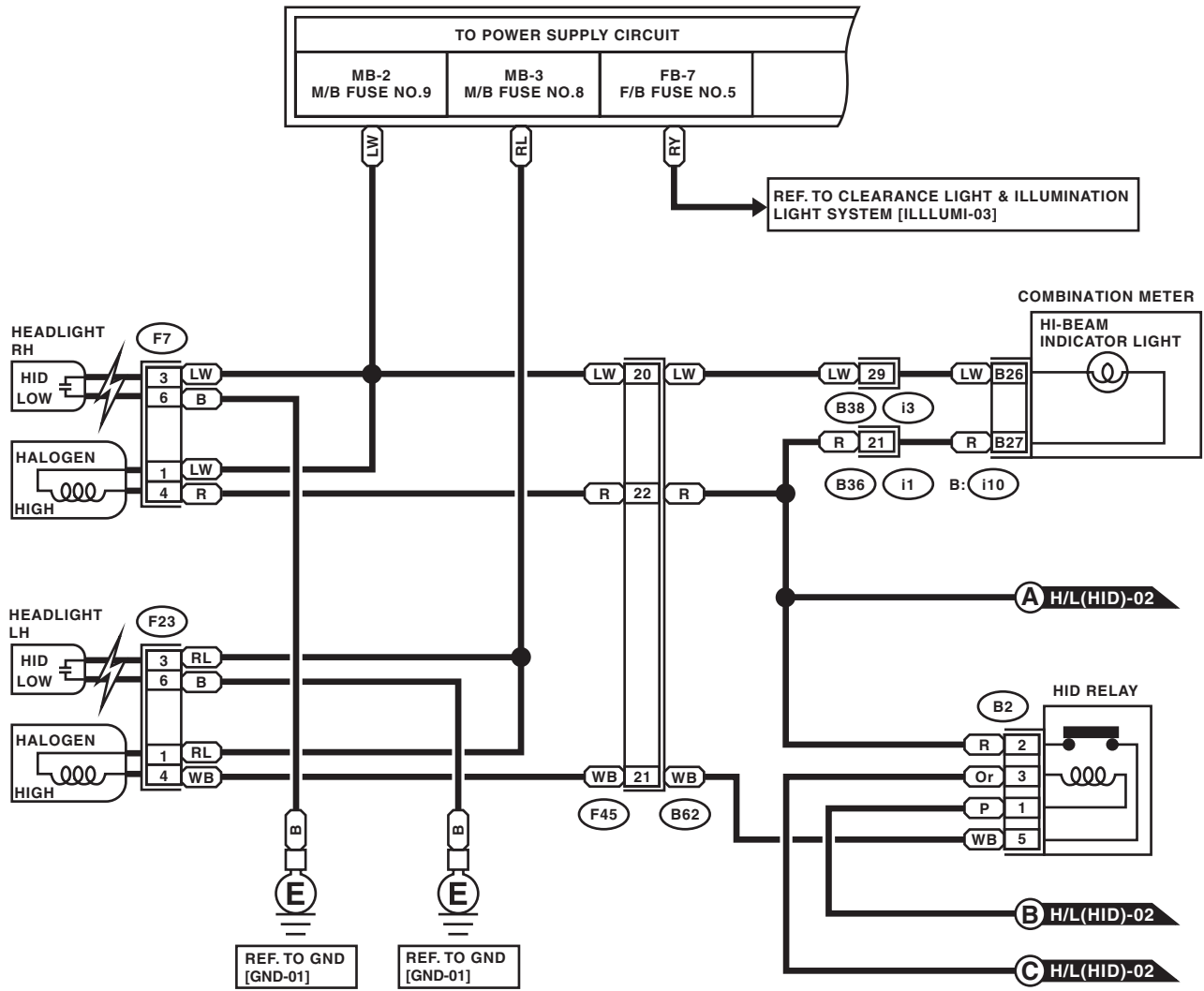
Headlight System

WIRING SYSTEM

2. MODEL WITH HID

H/L(HID)-01

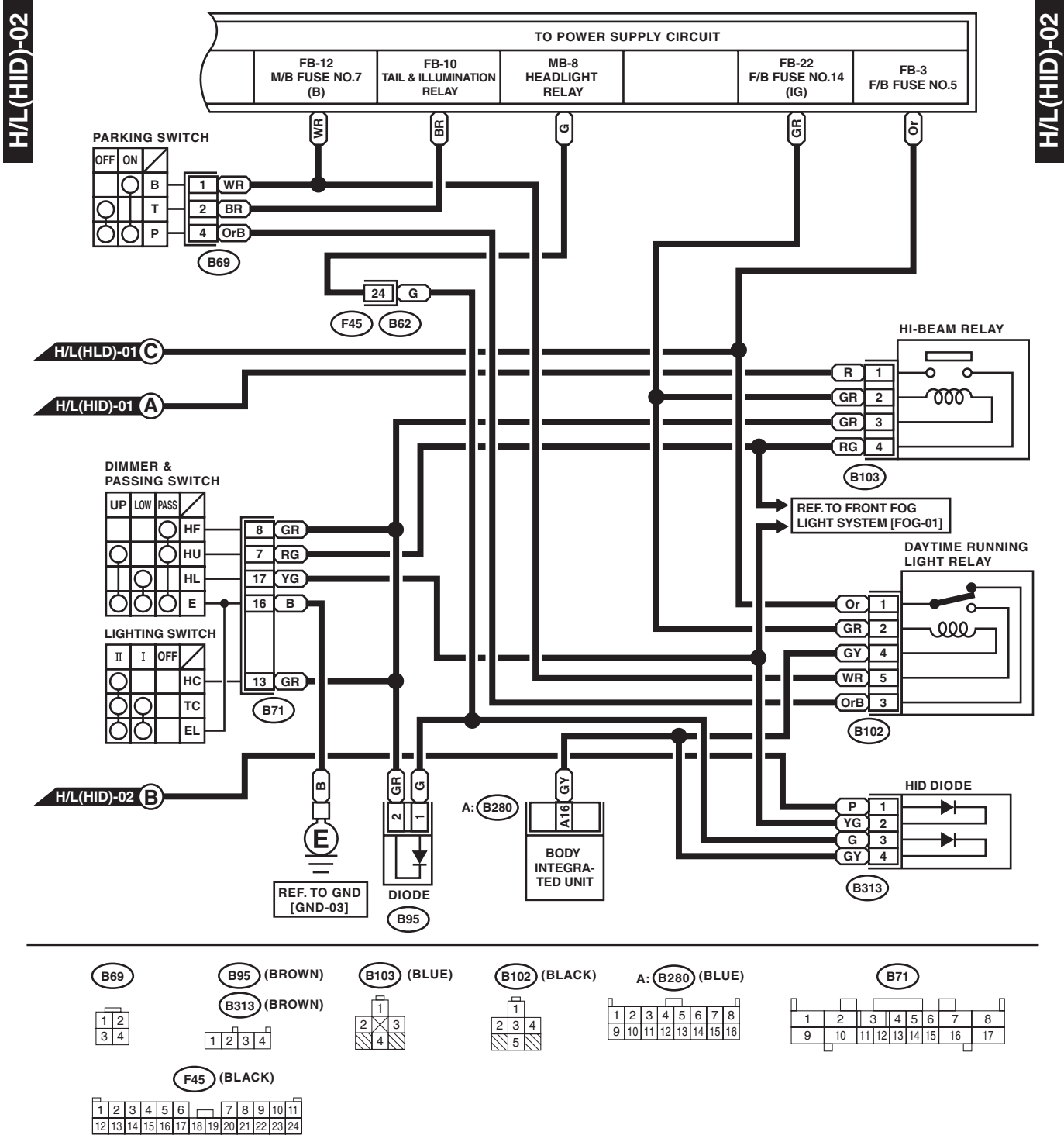
H/L(HID)-01



WI-15036

Headlight System

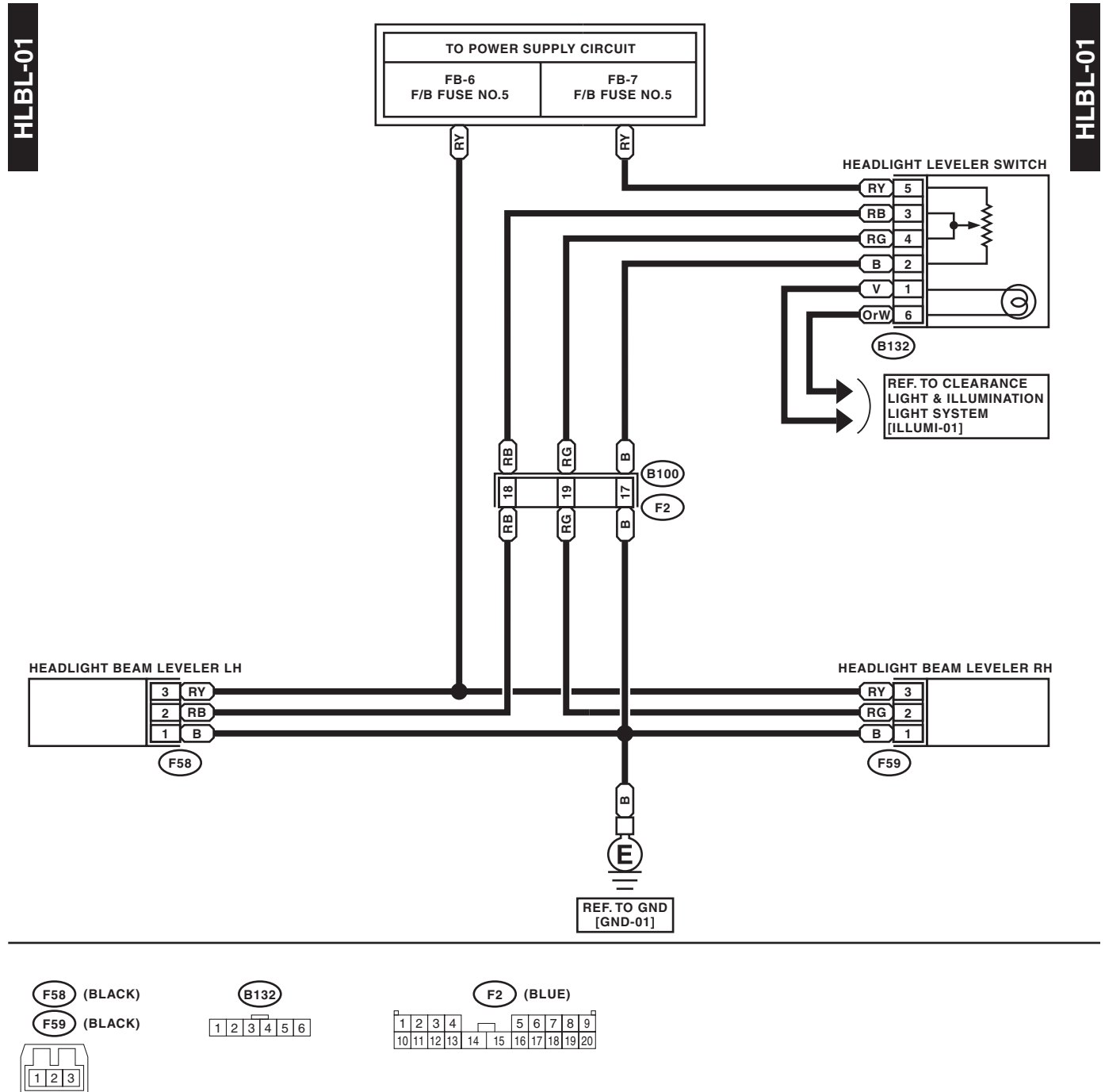
WIRING SYSTEM



WI-16840

24.Headlight Beam Leveler System

A: WIRING DIAGRAM



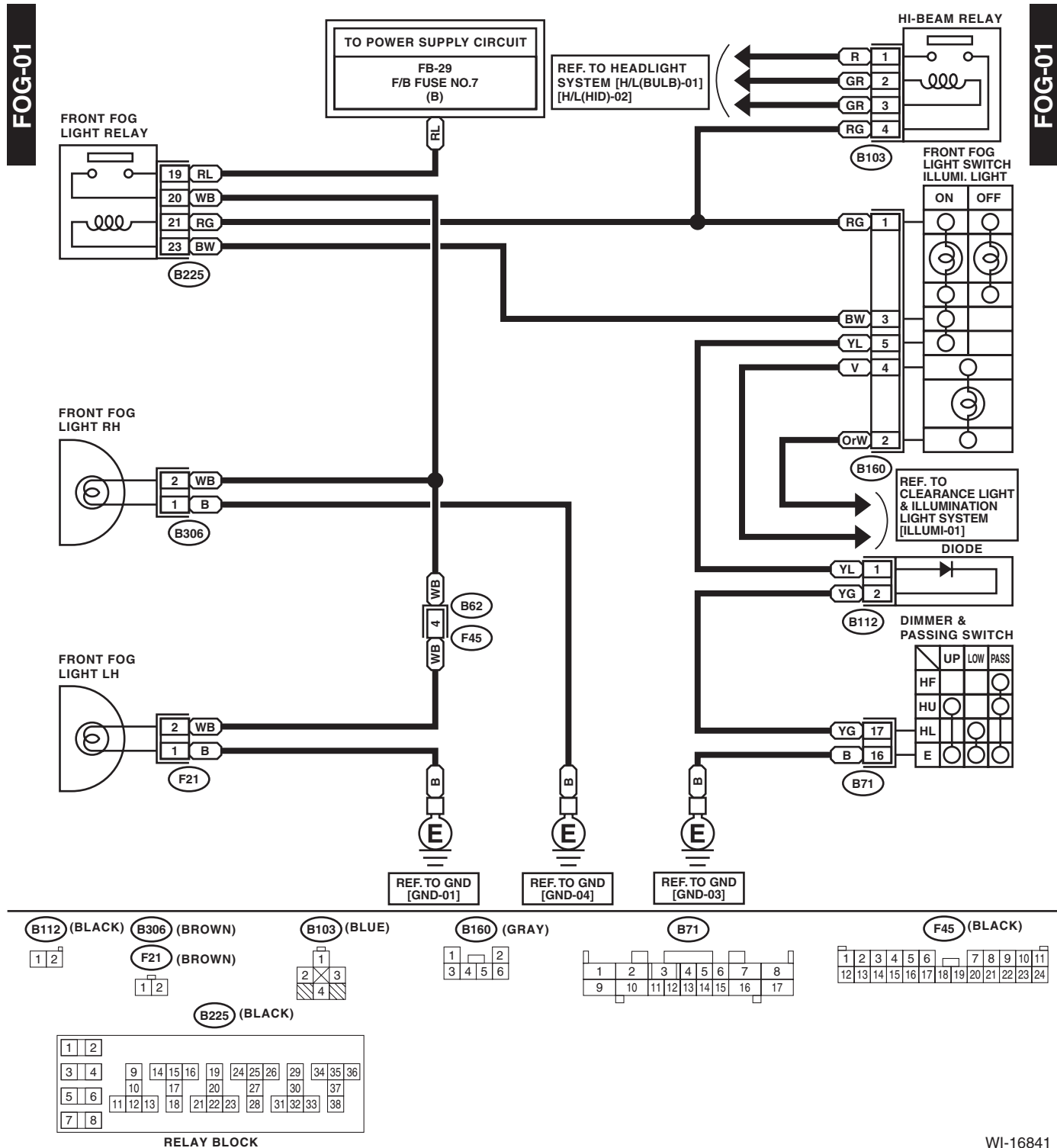
WI-12322

Front Fog Light System

WIRING SYSTEM

25.Front Fog Light System

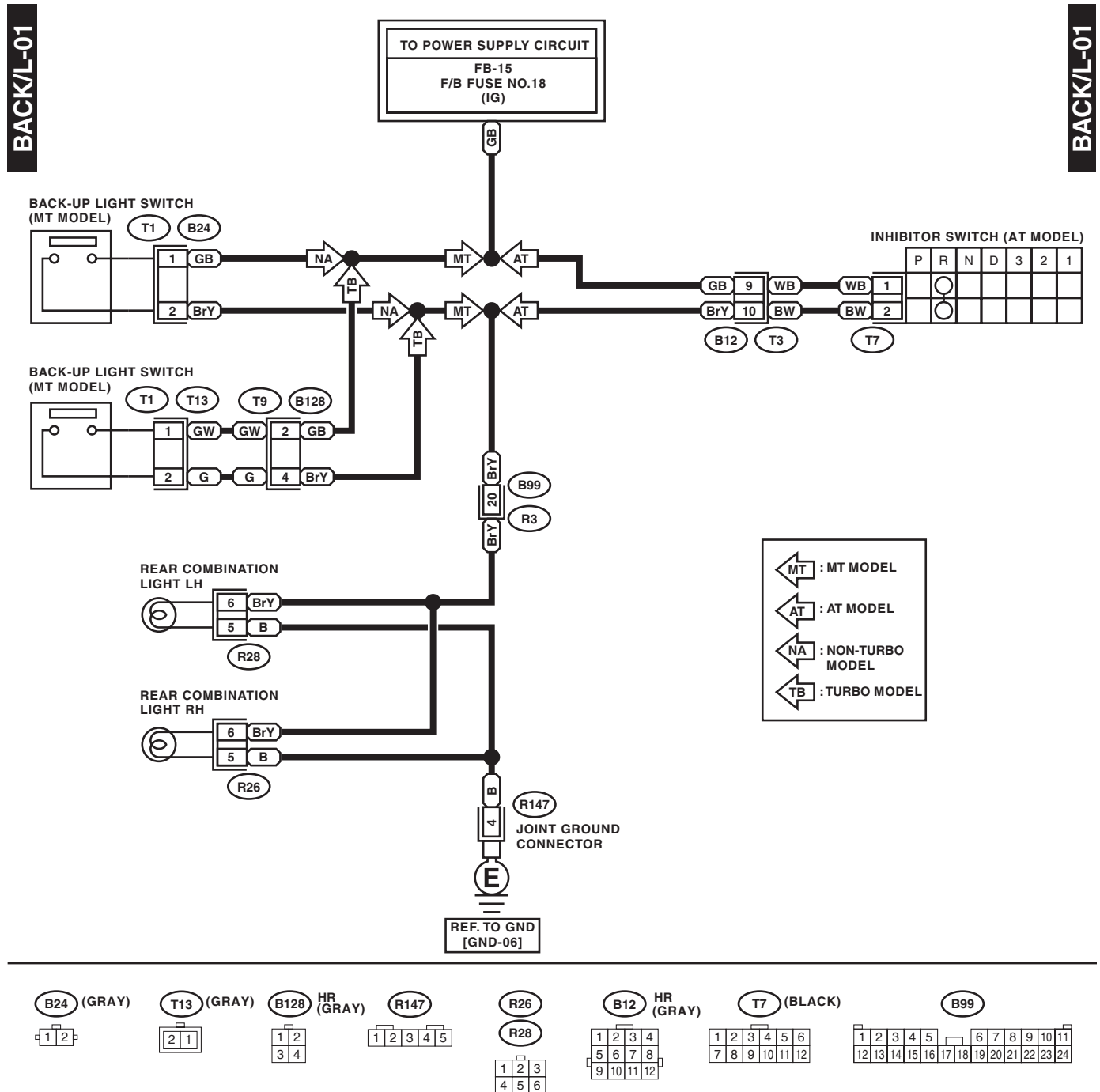
A: WIRING DIAGRAM



WI-16841

26.Back-up Light System

A: WIRING DIAGRAM



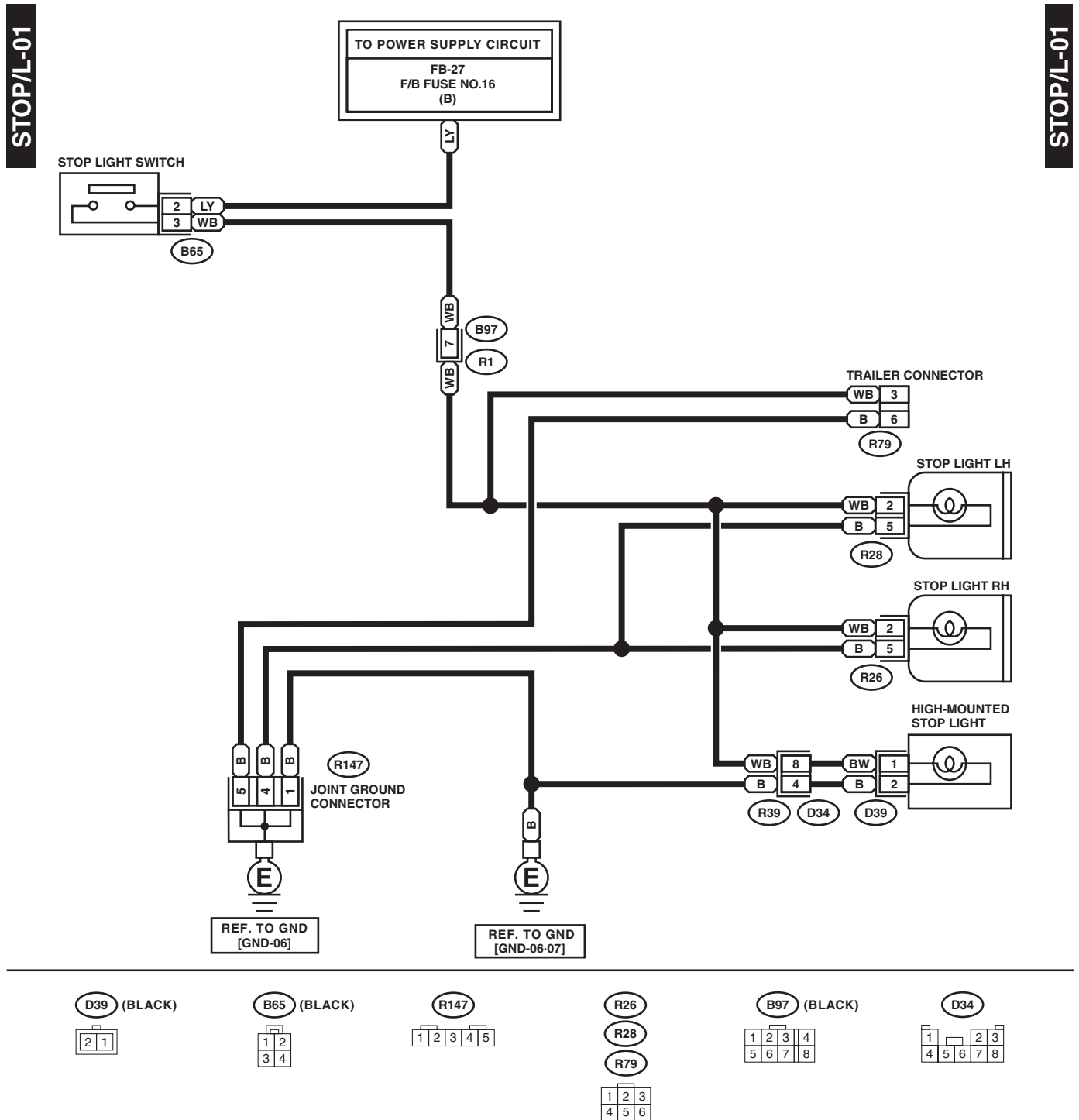
WI-16842

Stop Light System

WIRING SYSTEM

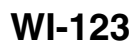
27.Stop Light System

A: WIRING DIAGRAM



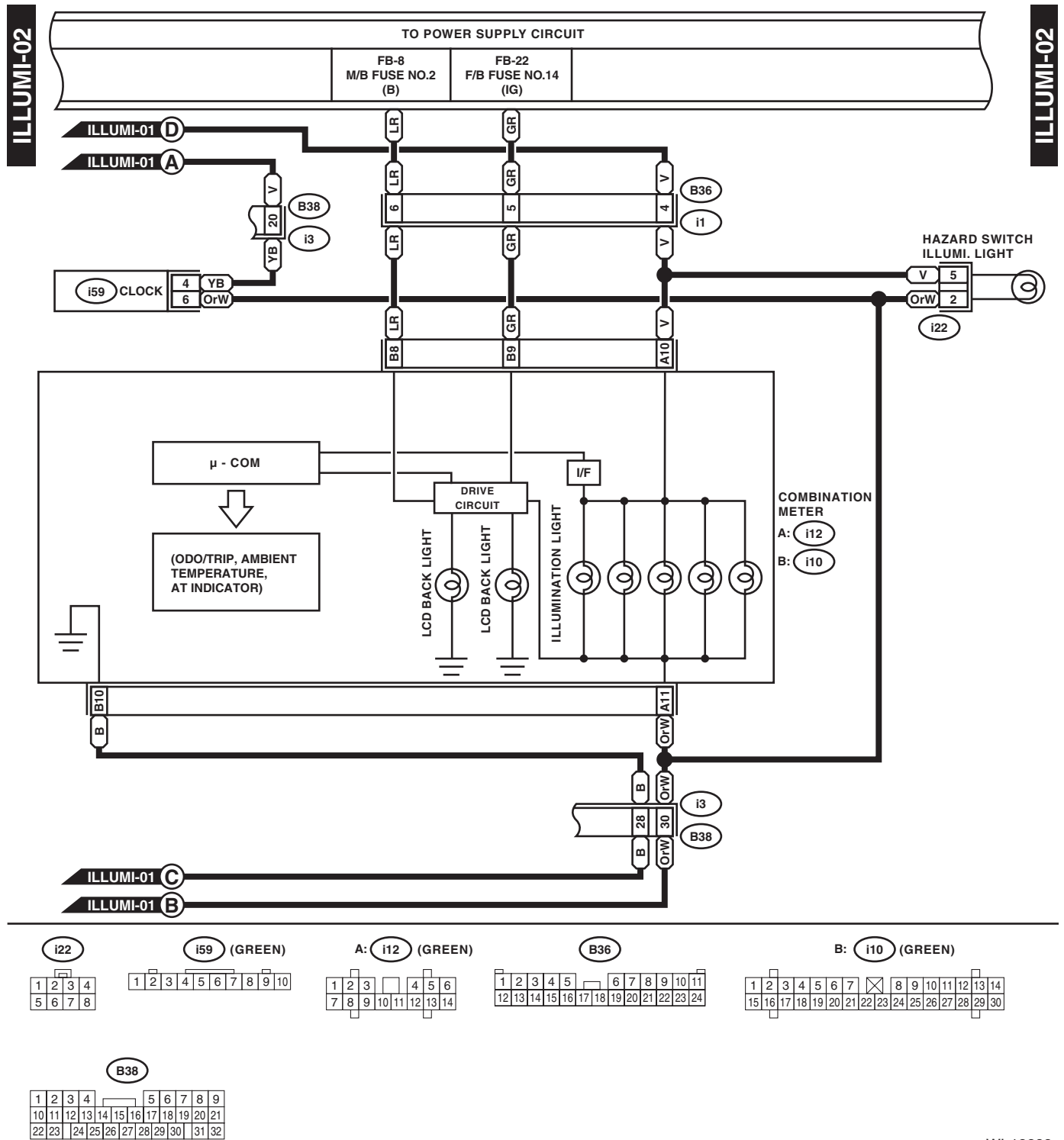
WI-12286

A: WIRING DIAGRAM



Clearance Light and Illumination Light System

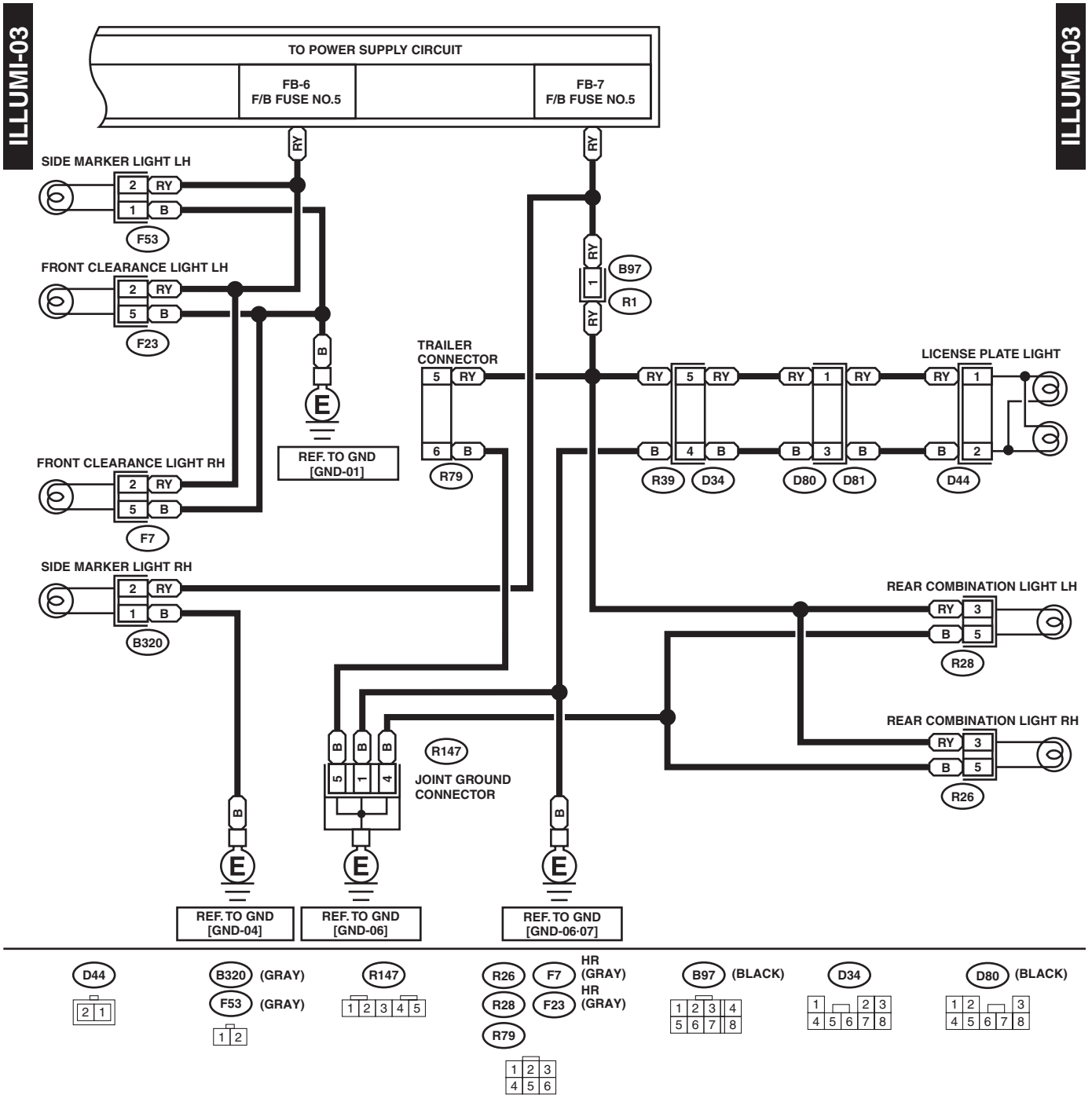
WIRING SYSTEM



WI-12288

Clearance Light and Illumination Light System

WIRING SYSTEM



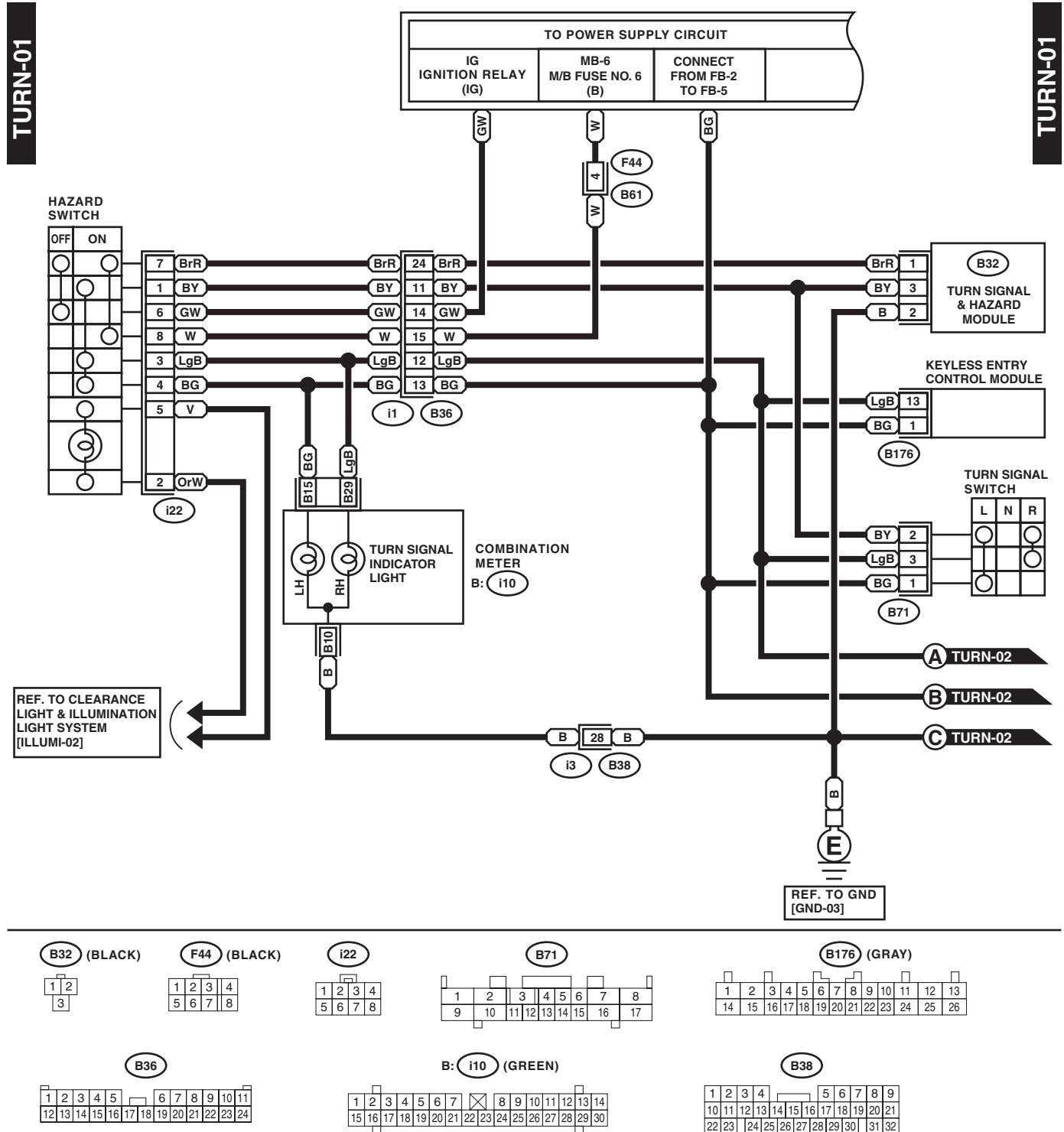
WI-15039

WIRING SYSTEM

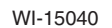
29. Turn Signal Light and Hazard Light System

A: WIRING DIAGRAM

A: WIRING DIAGRAM



WIRING SYSTEM

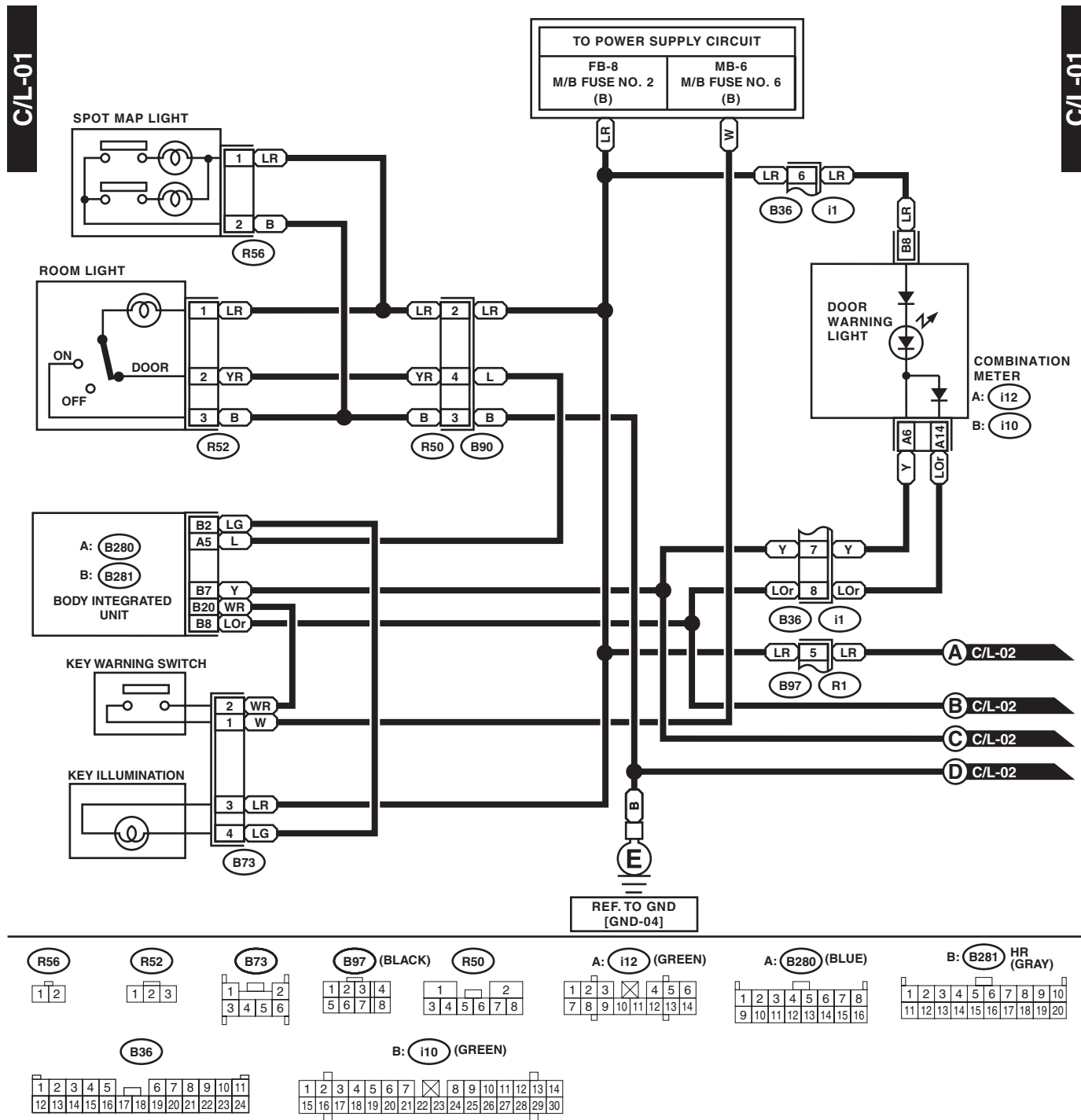


Interior Light System

WIRING SYSTEM

30. Interior Light System

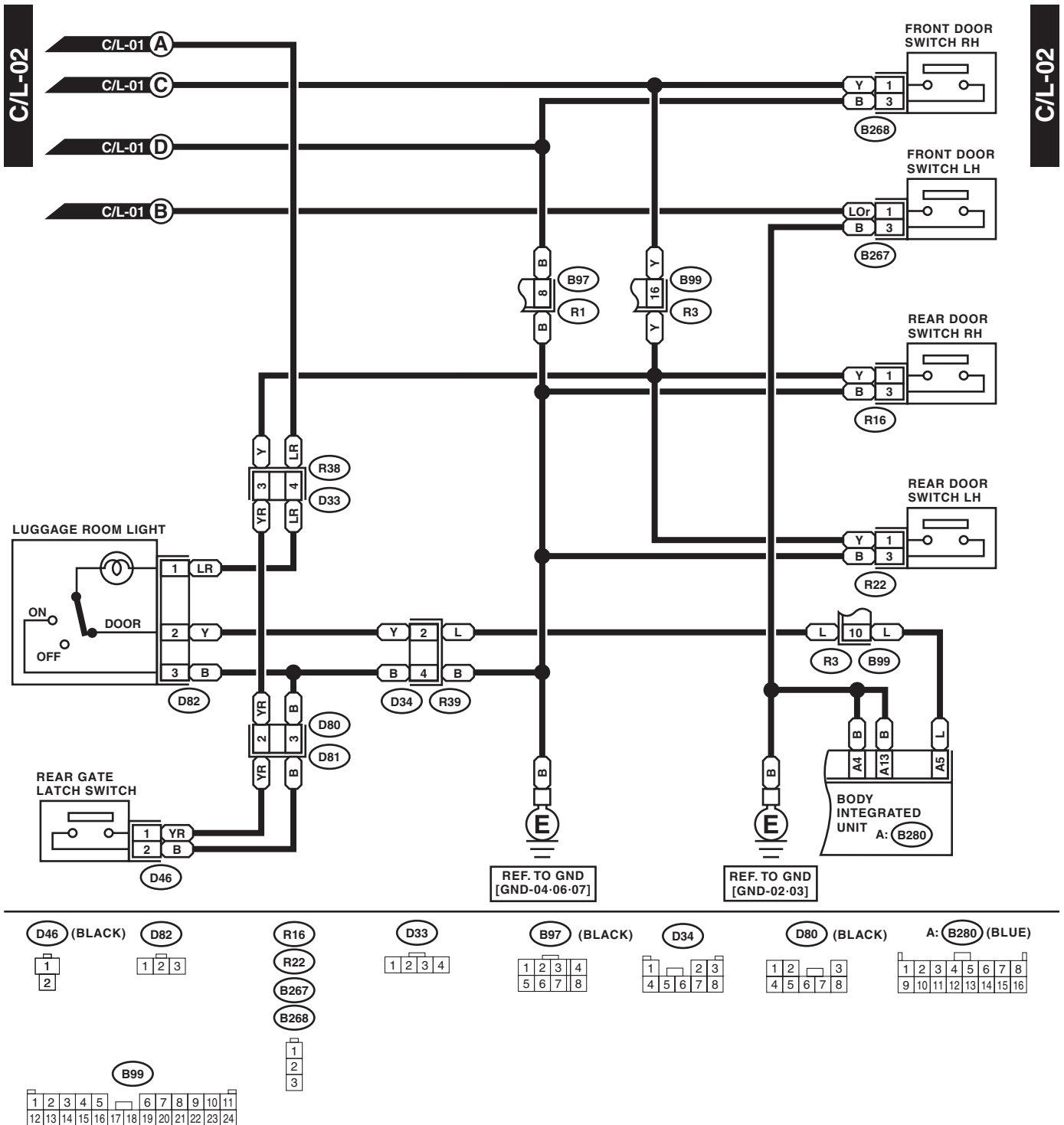
A: WIRING DIAGRAM



WI-16843

Interior Light System

WIRING SYSTEM

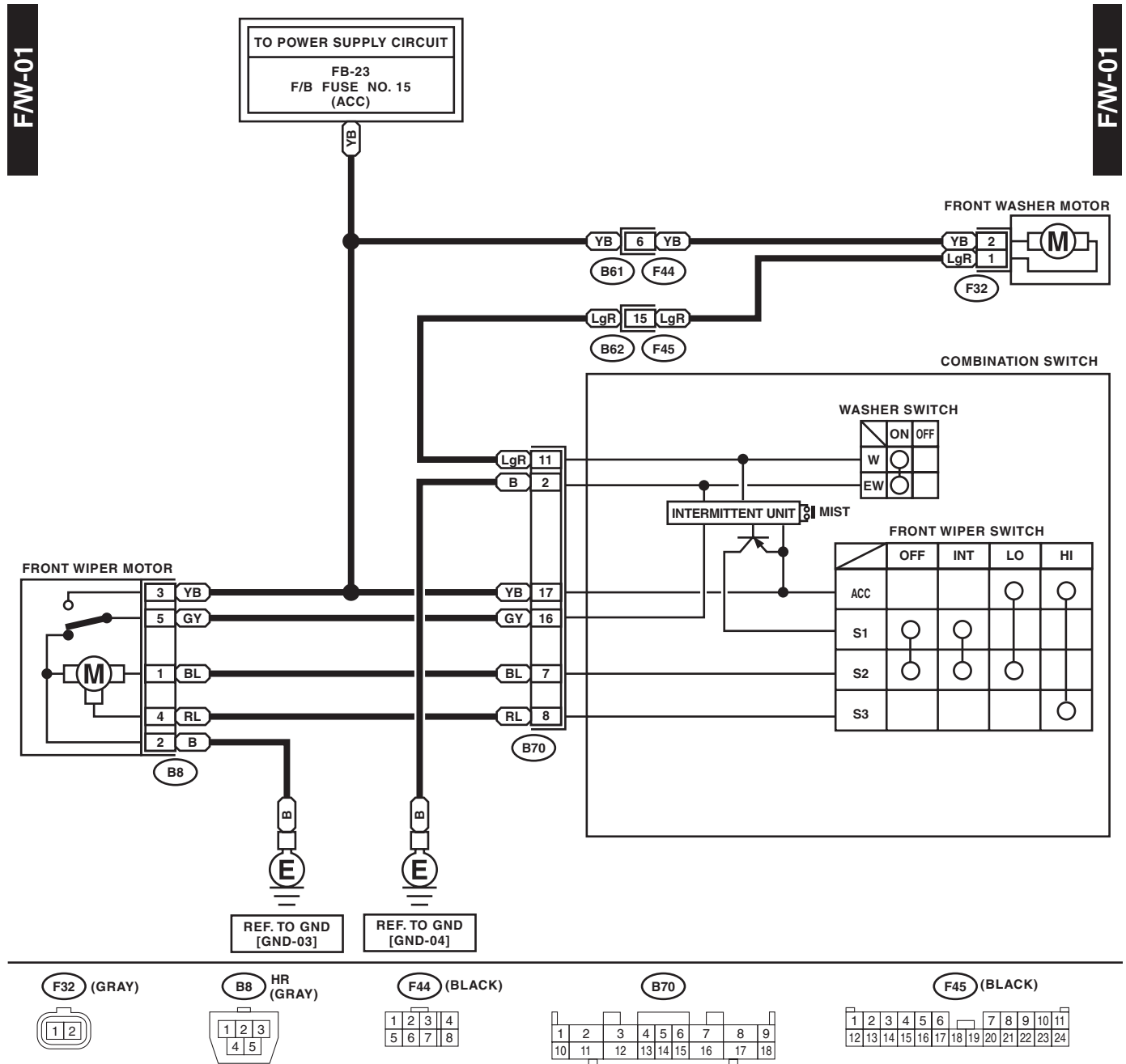


WI-12332

WIRING SYSTEM

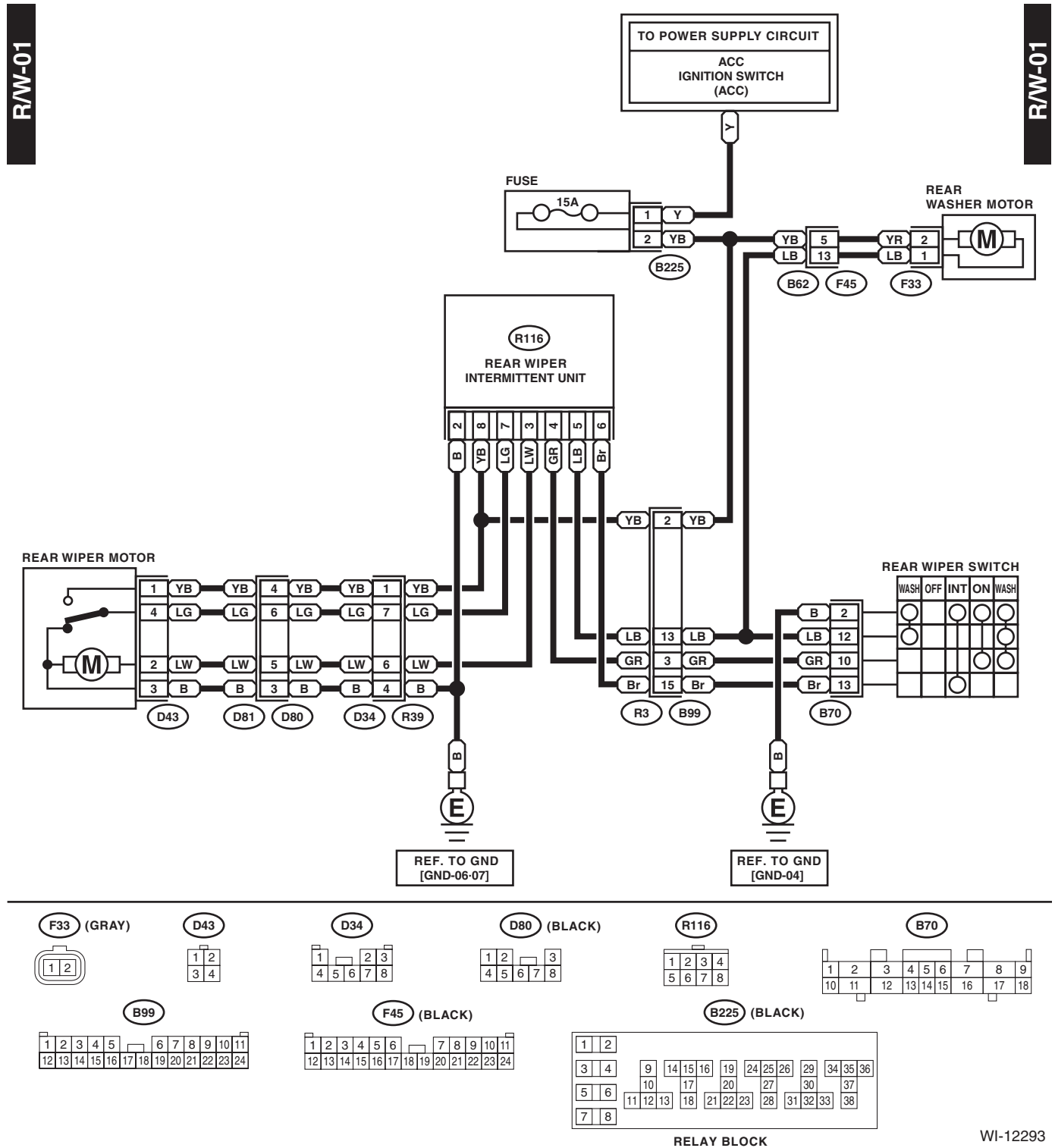
31.Front Wiper and Washer System

A: WIRING DIAGRAM



32.Rear Wiper and Washer System

A: WIRING DIAGRAM



WI-12293

Wiper Deicer System

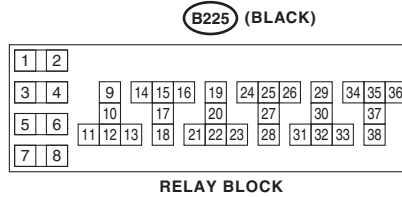
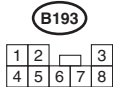
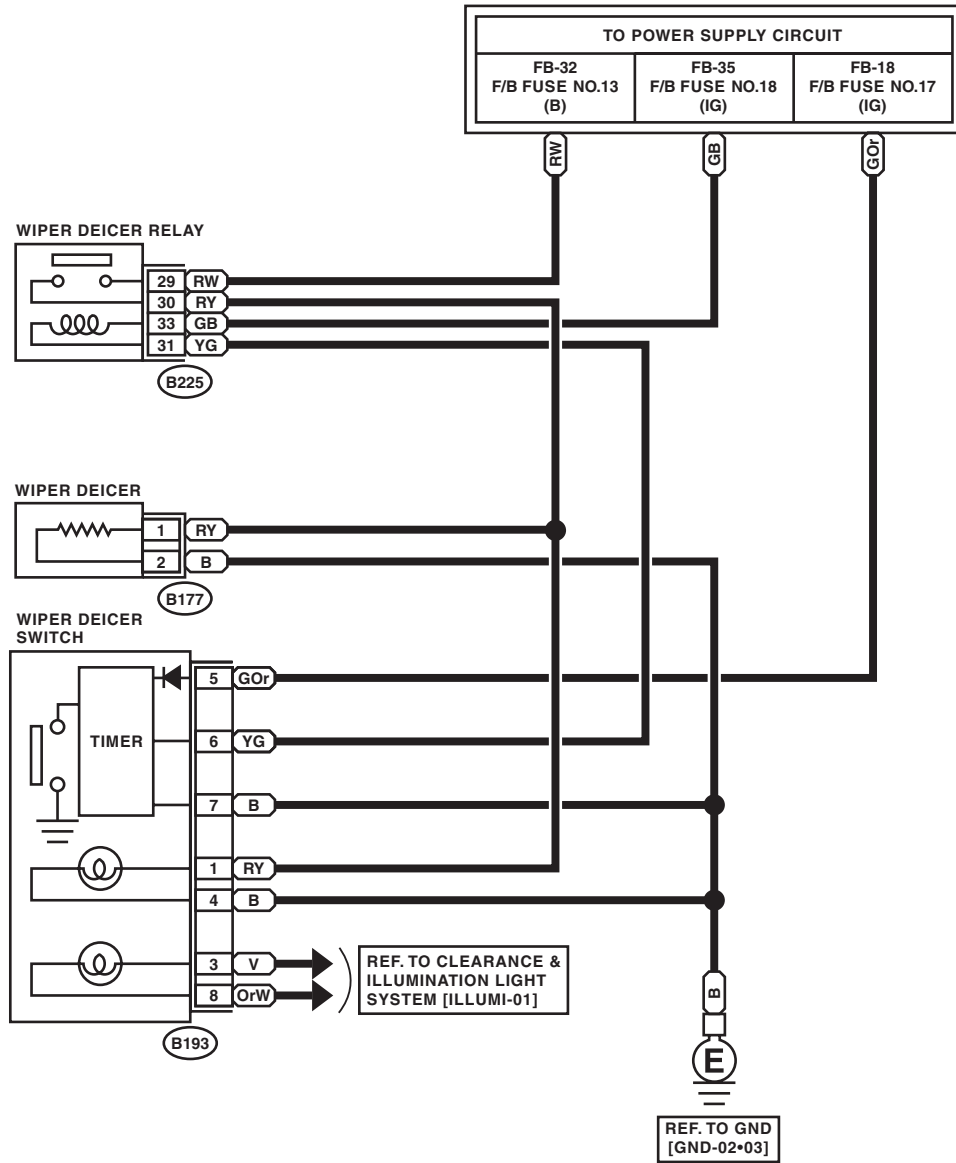
WIRING SYSTEM

33.Wiper Deicer System

A: WIRING DIAGRAM

W/D-01

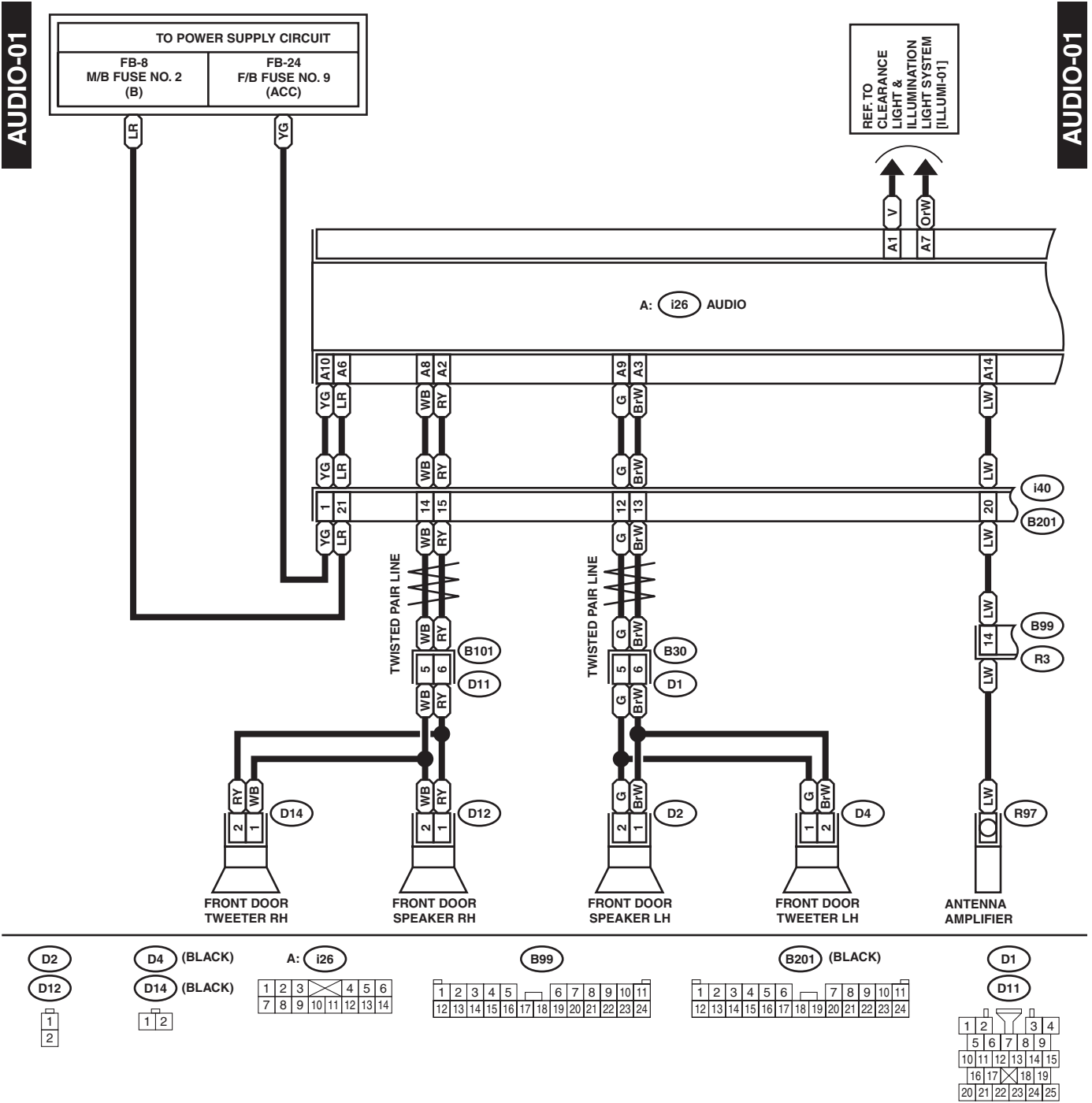
W/D-01



WI-12325

34.Audio System

A: WIRING DIAGRAM

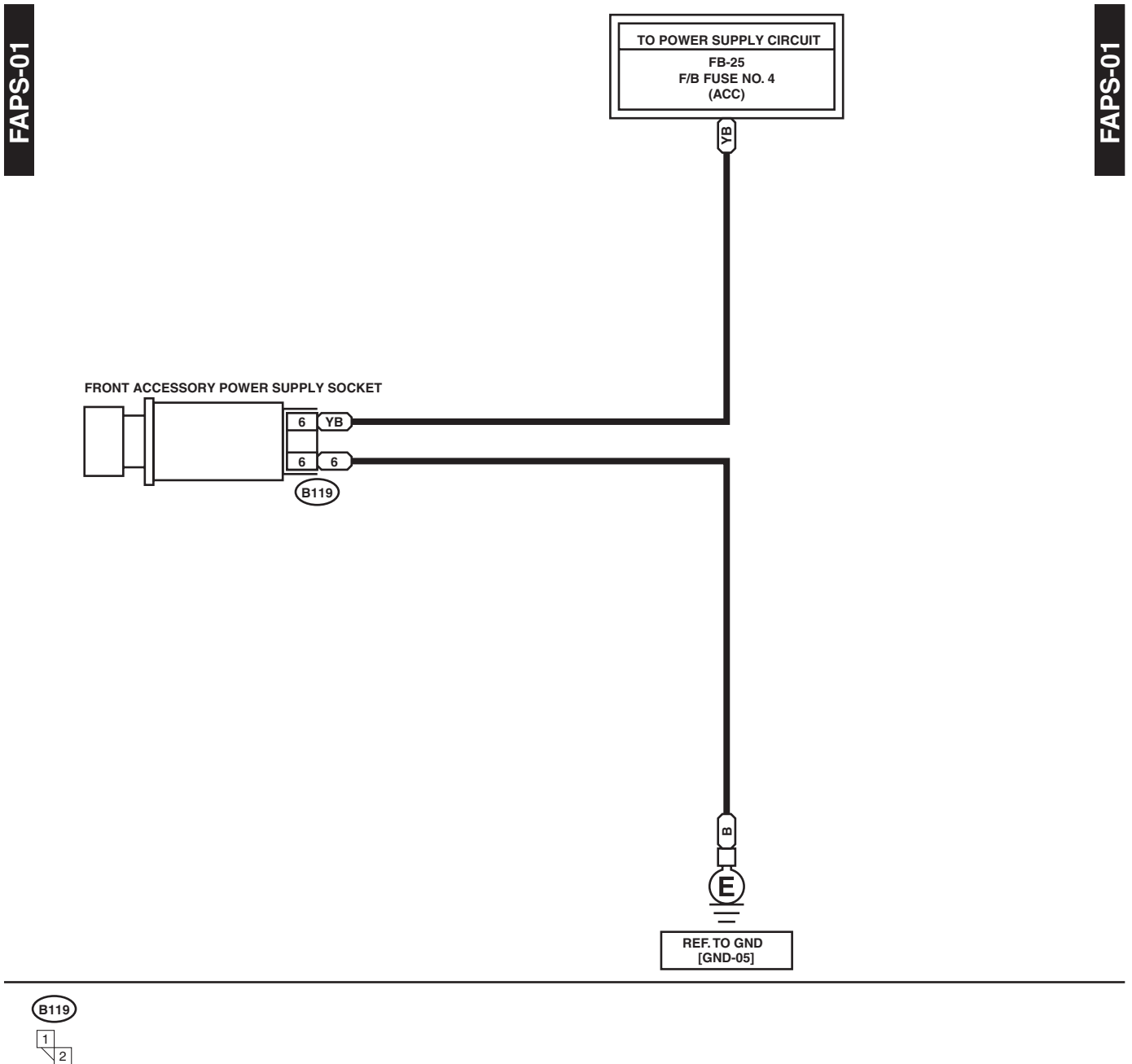


WIRING SYSTEM



35.Front Accessory Power Supply Socket System

A: WIRING DIAGRAM

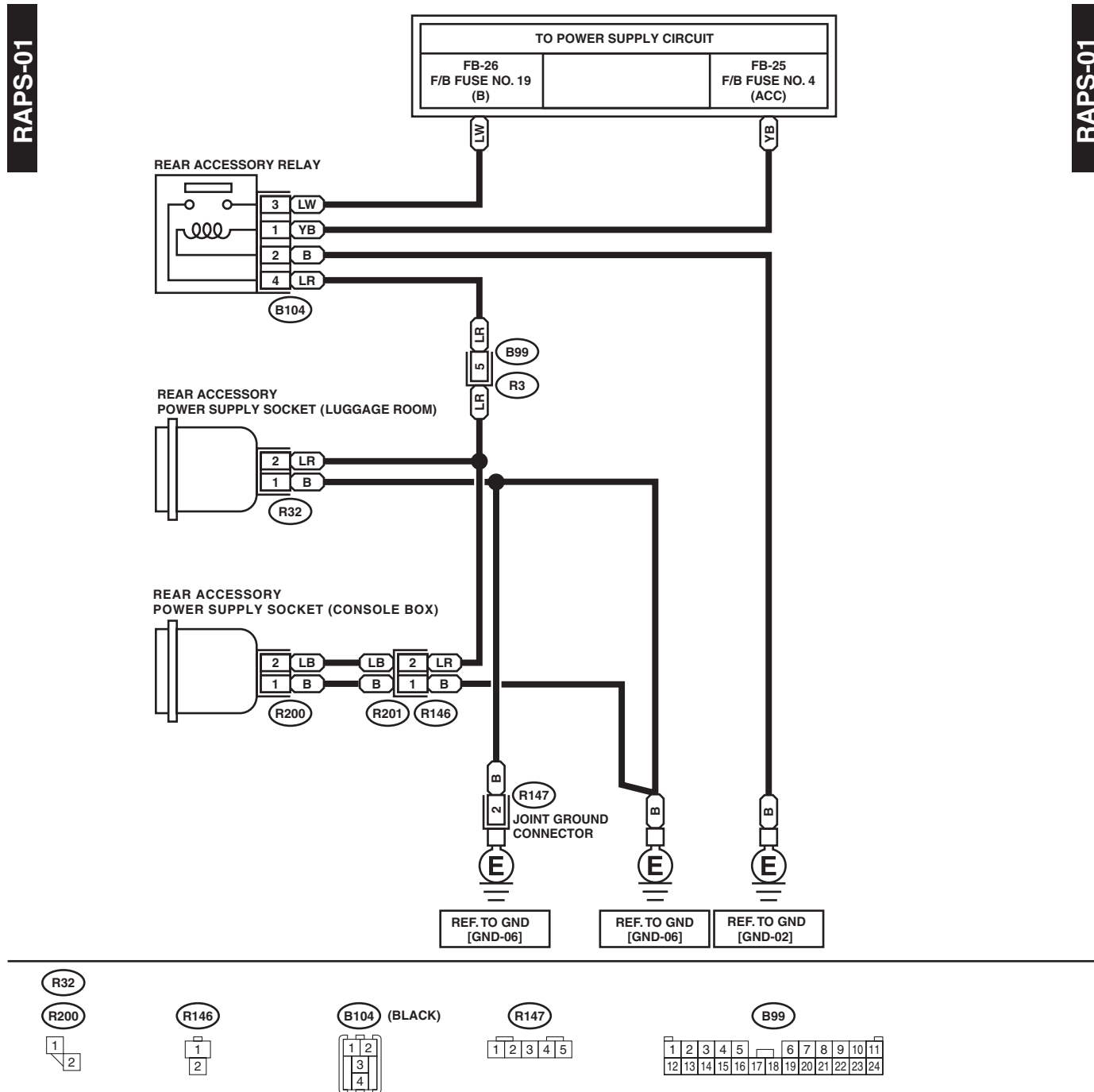


Rear Accessory Power Supply Socket System

WIRING SYSTEM

36.Rear Accessory Power Supply Socket System

A: WIRING DIAGRAM



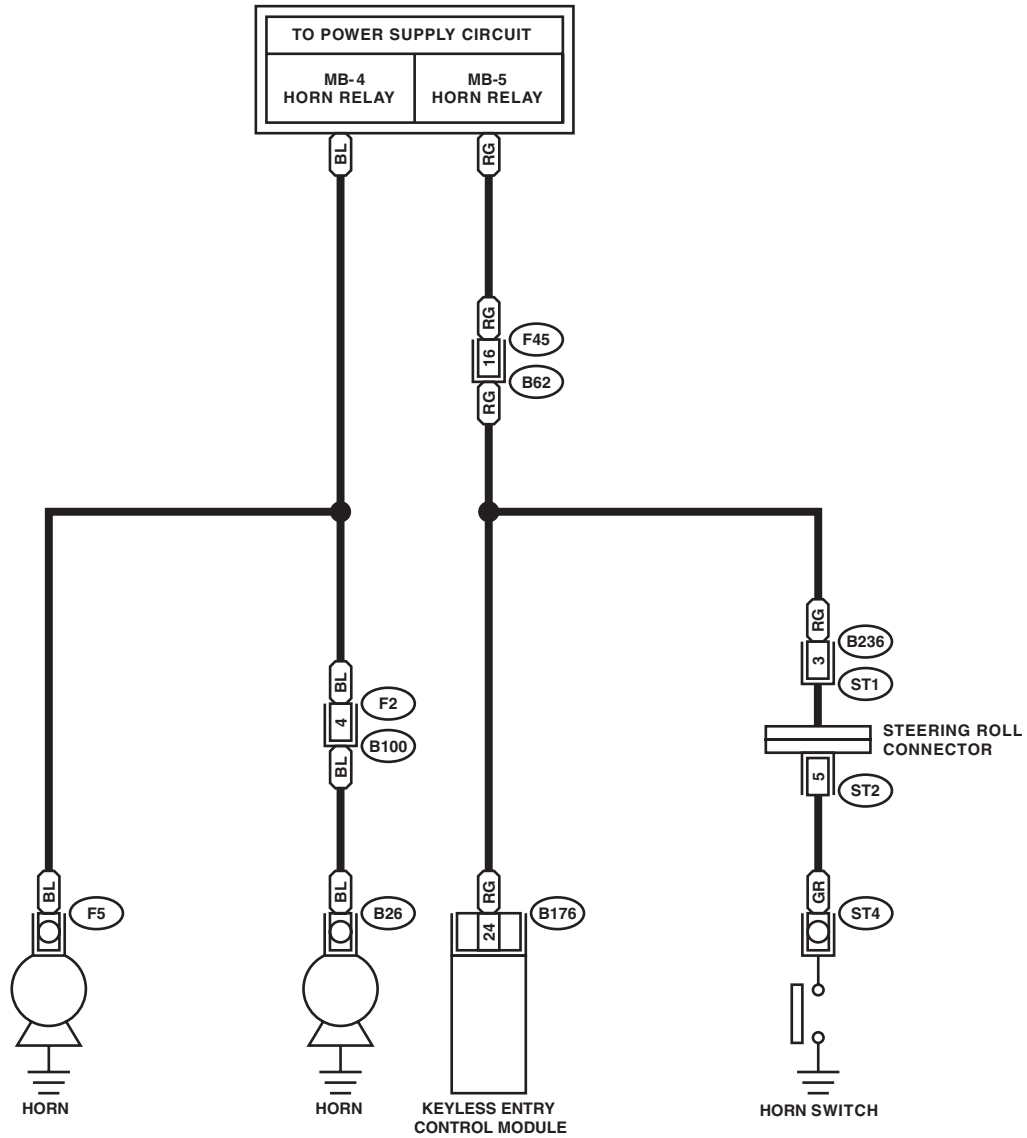
WI-16784

37.Horn System

A: WIRING DIAGRAM

HORN-01

HORN-01



ST2				
1	2	3	4	5

B236							
1	2	3	4	5	6	7	8

F2 (BLUE)																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

F45 (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

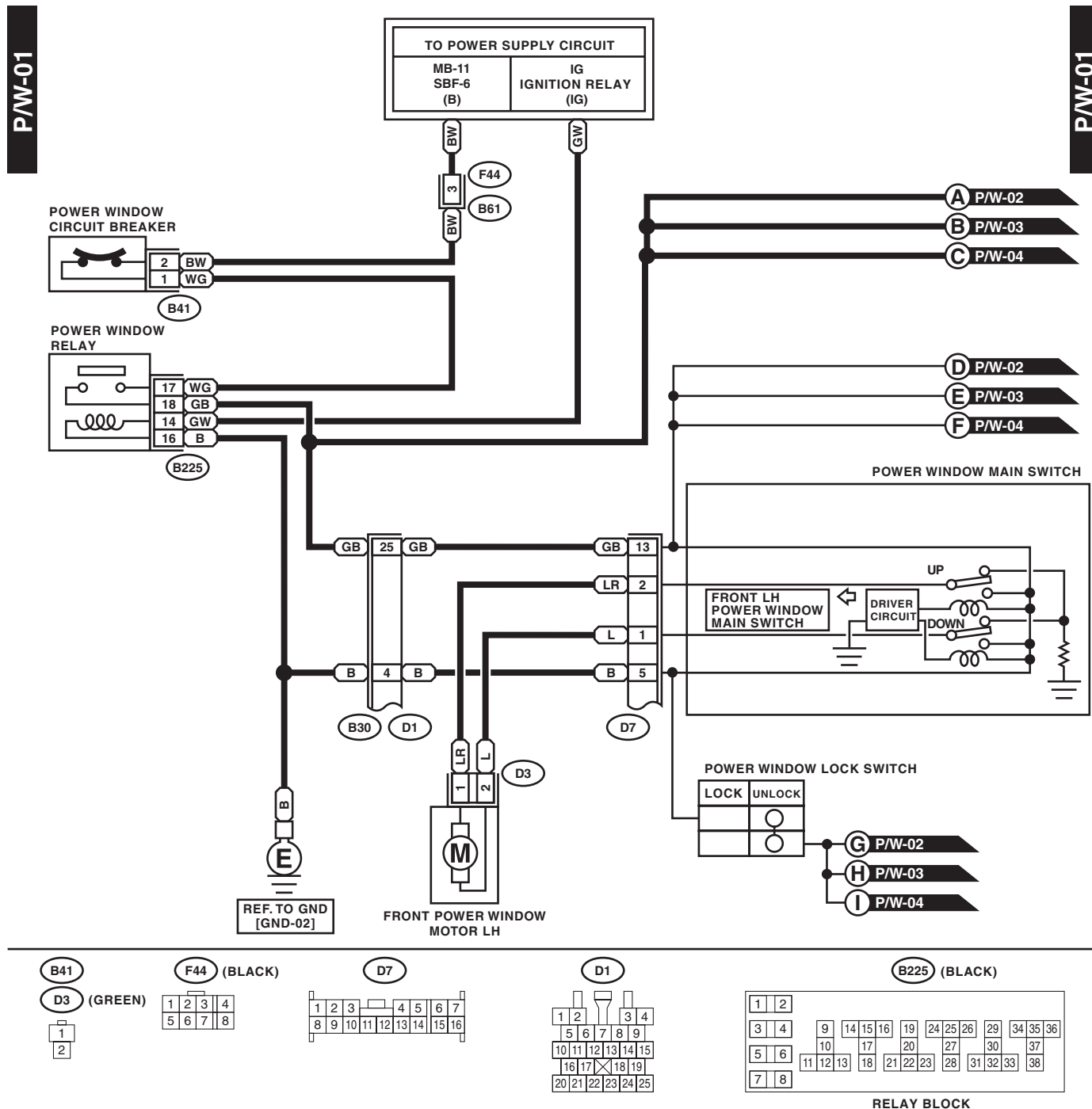
B176 (GRAY)																									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

Power Window System

WIRING SYSTEM

38.Power Window System

A: WIRING DIAGRAM



WI-12297

WIRING SYSTEM

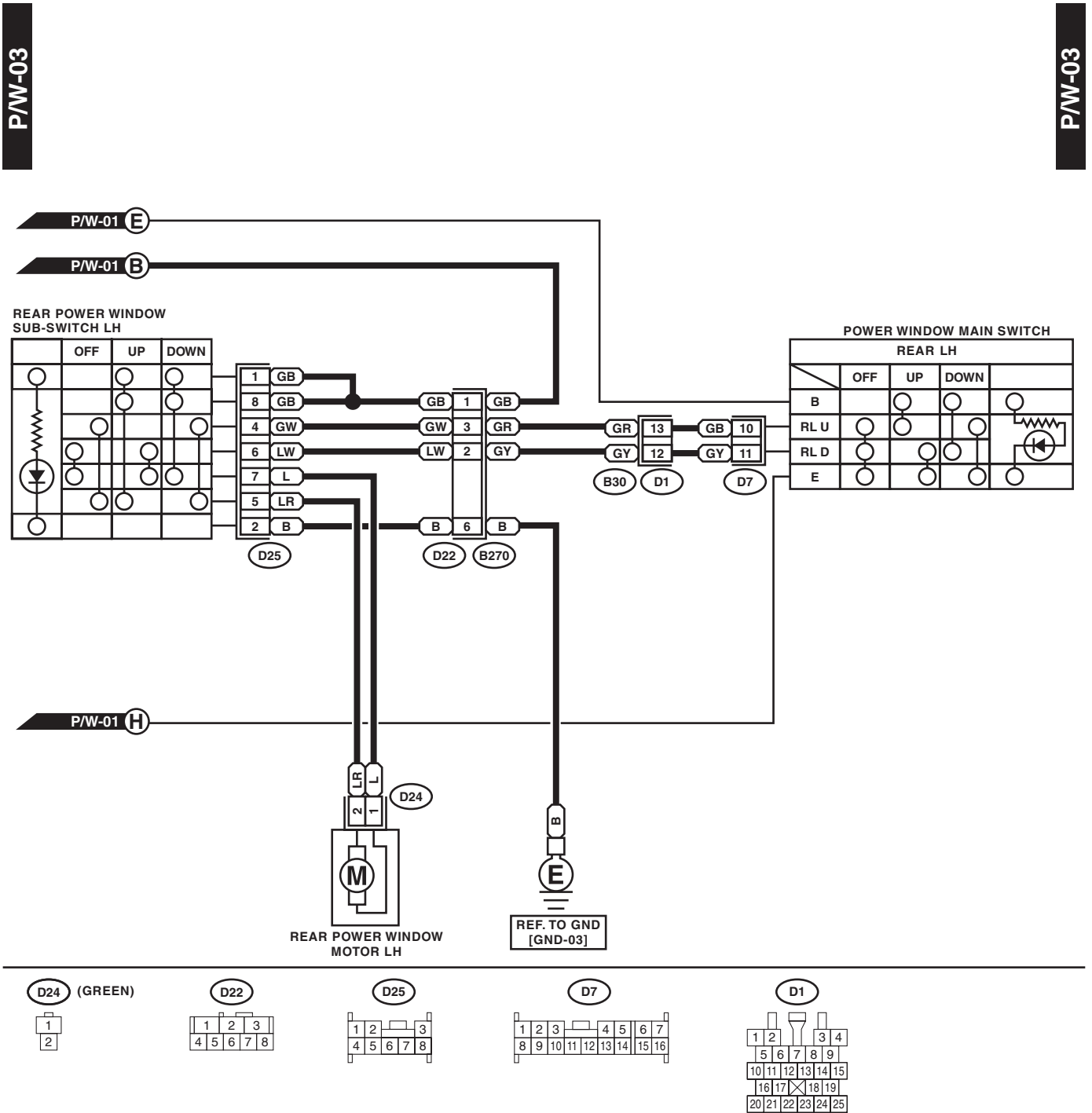
WIRING SYSTEM

P/W-02



Power Window System

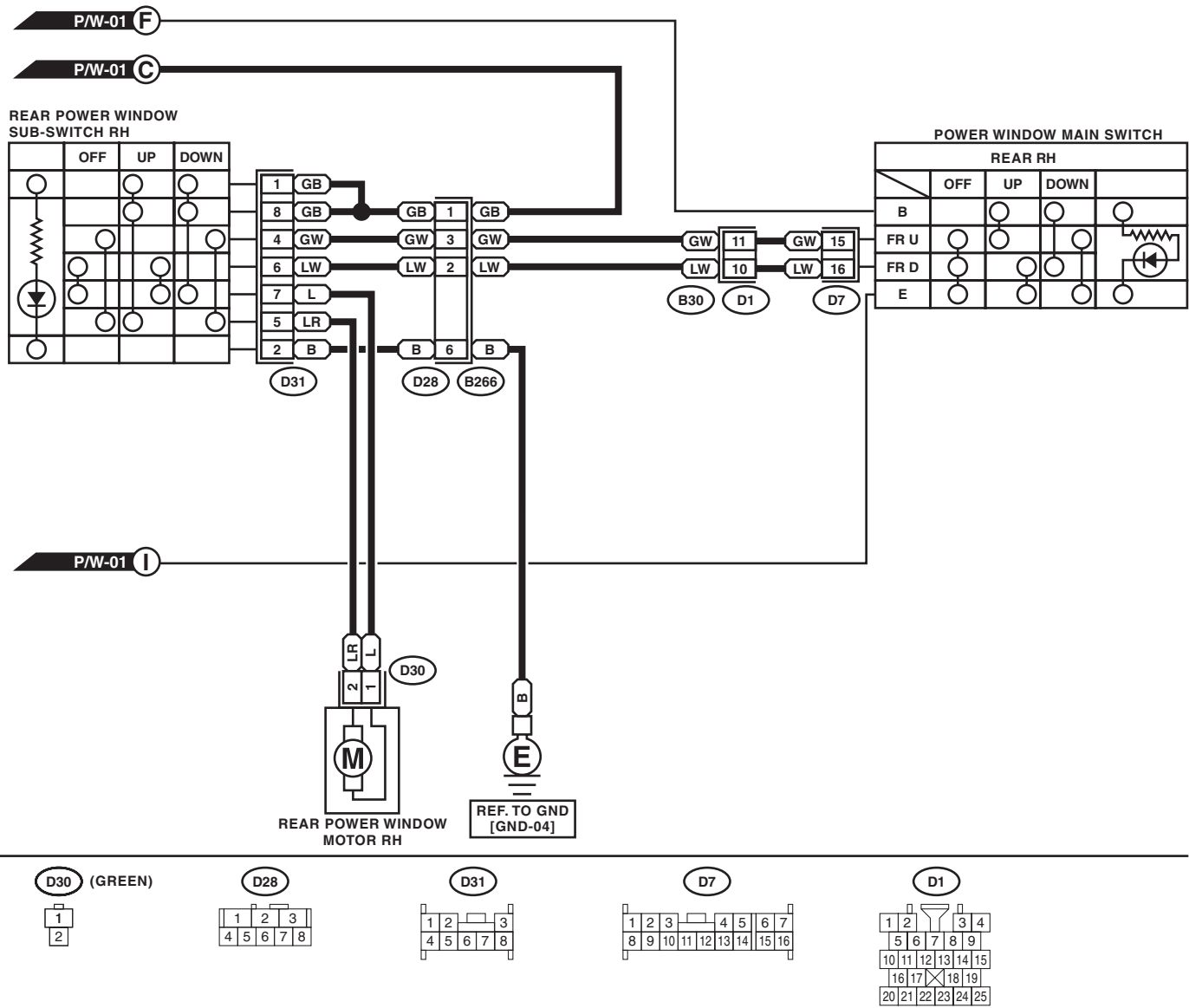
WIRING SYSTEM



WI-12299

P/W-04

P/W-04



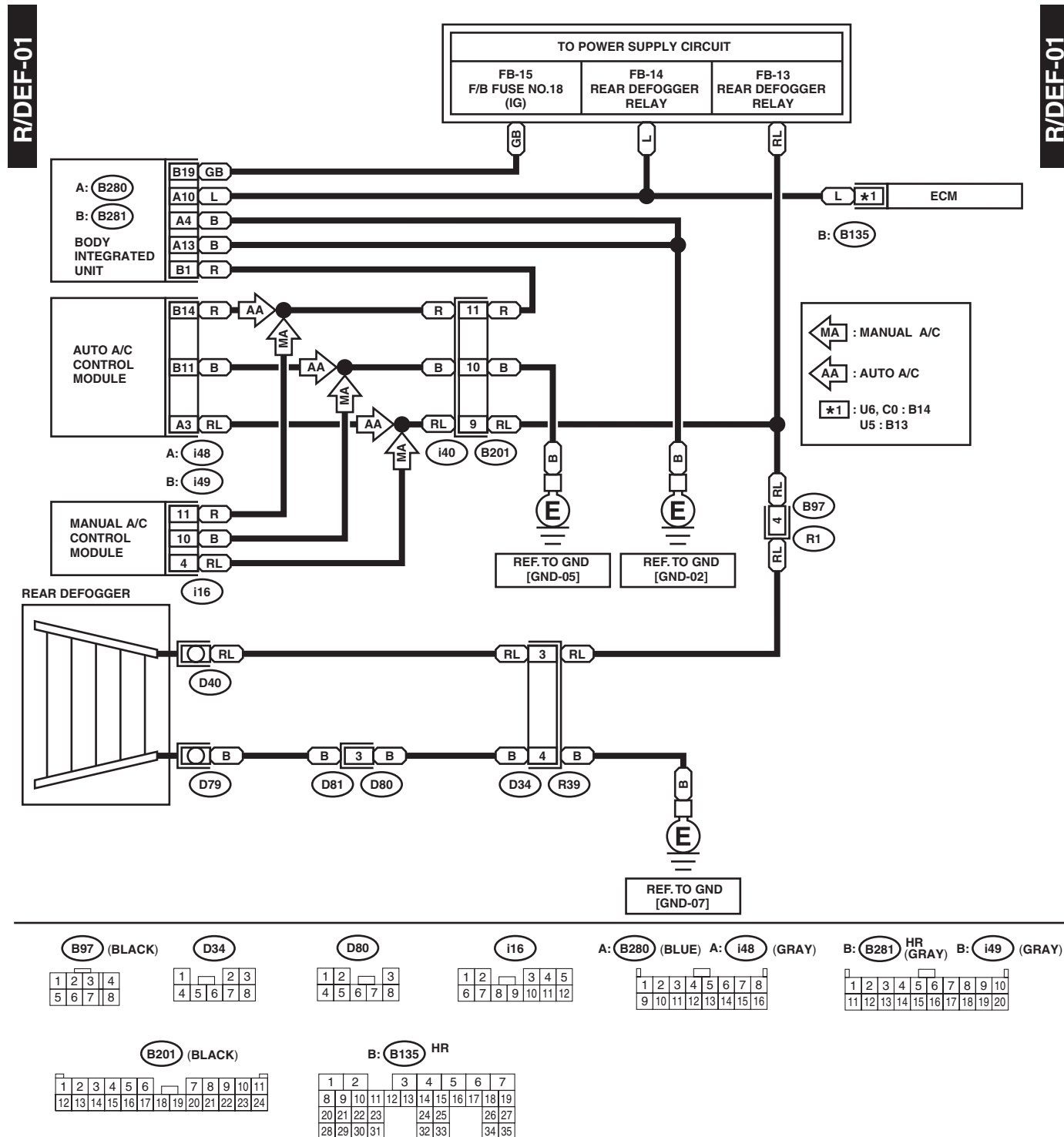
WI-12300

Rear Defogger System

WIRING SYSTEM

39.Rear Defogger System

A: WIRING DIAGRAM



WI-16156

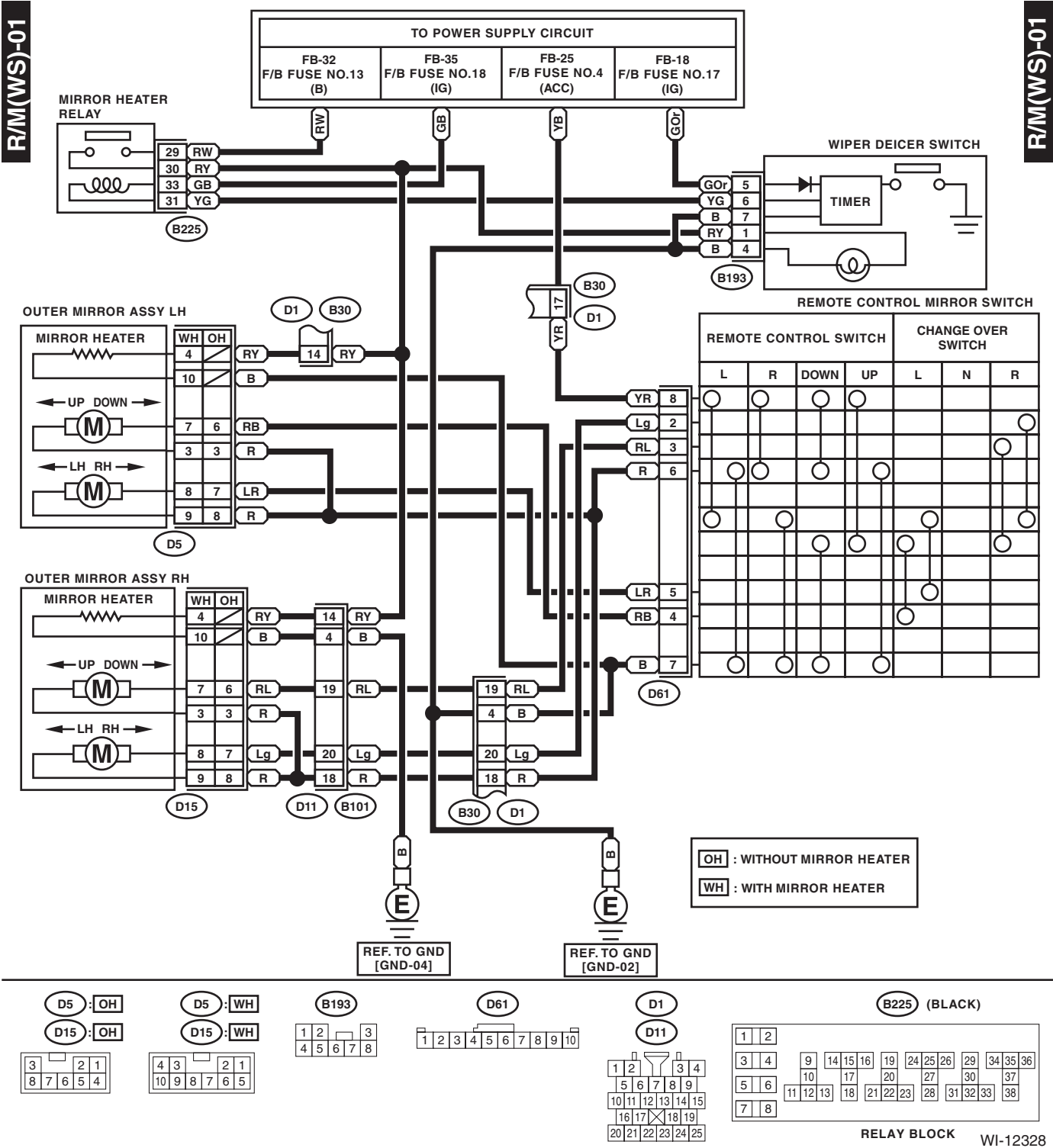
1. WITHOUT OUTER MIRROR TURN SIGNAL LIGHT



Remote Control Mirror System

WIRING SYSTEM

2. WITH OUTER MIRROR TURN SIGNAL LIGHT

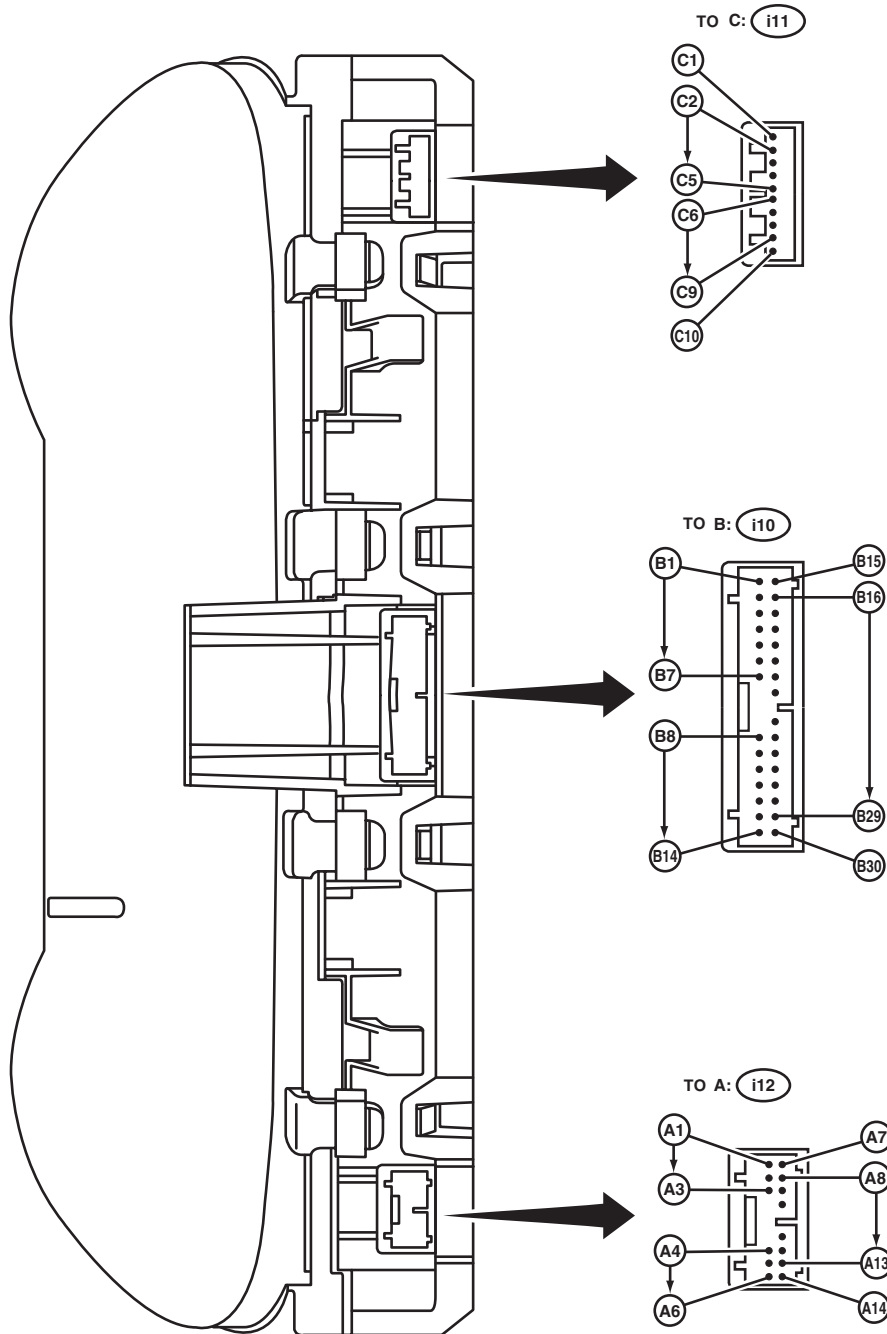


41. Combination Meter

A: WIRING DIAGRAM

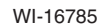
METER-01

METER-01



WI-12301

WIRING SYSTEM

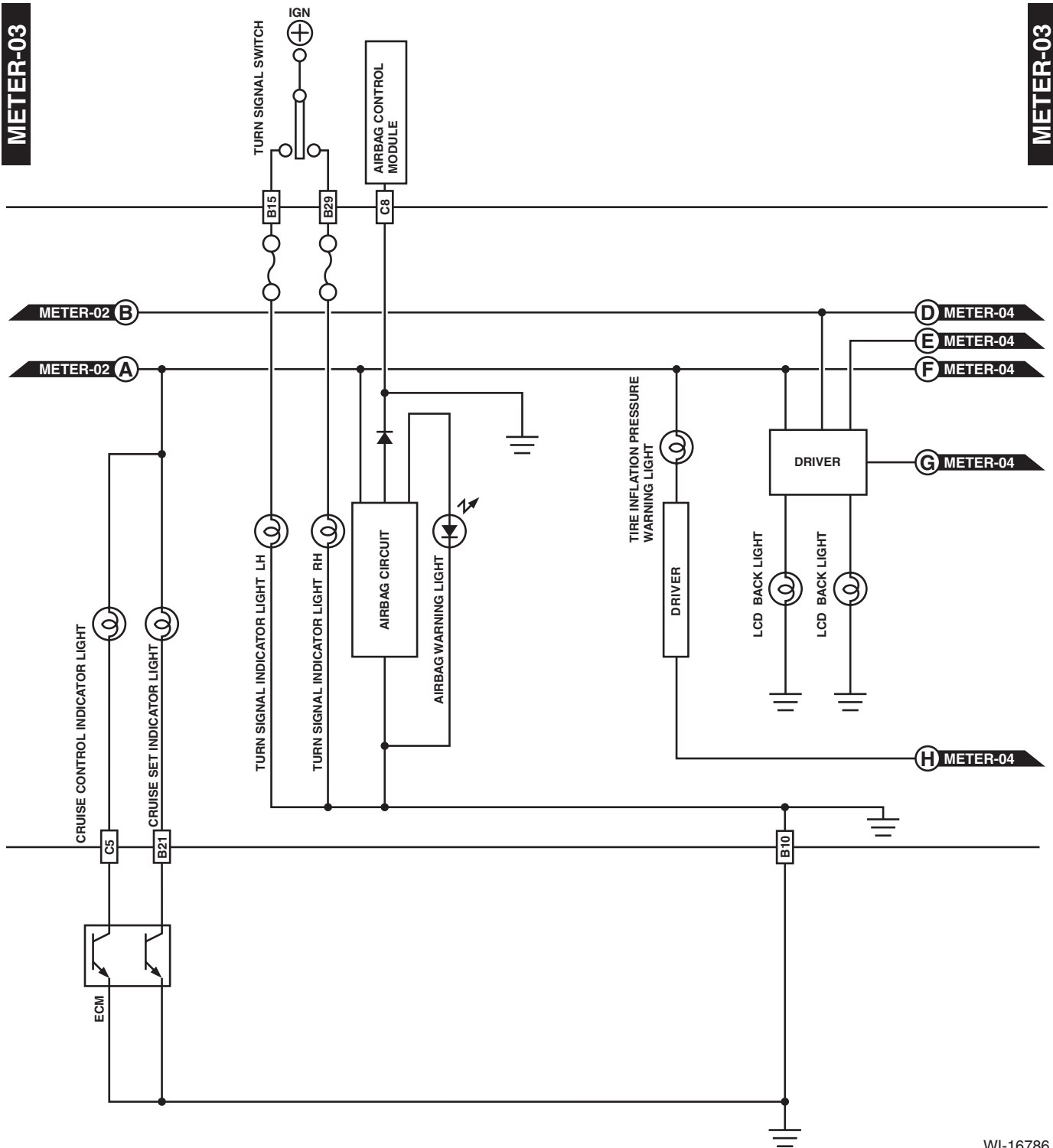


Combination Meter

WIRING SYSTEM

METER-03

METER-03



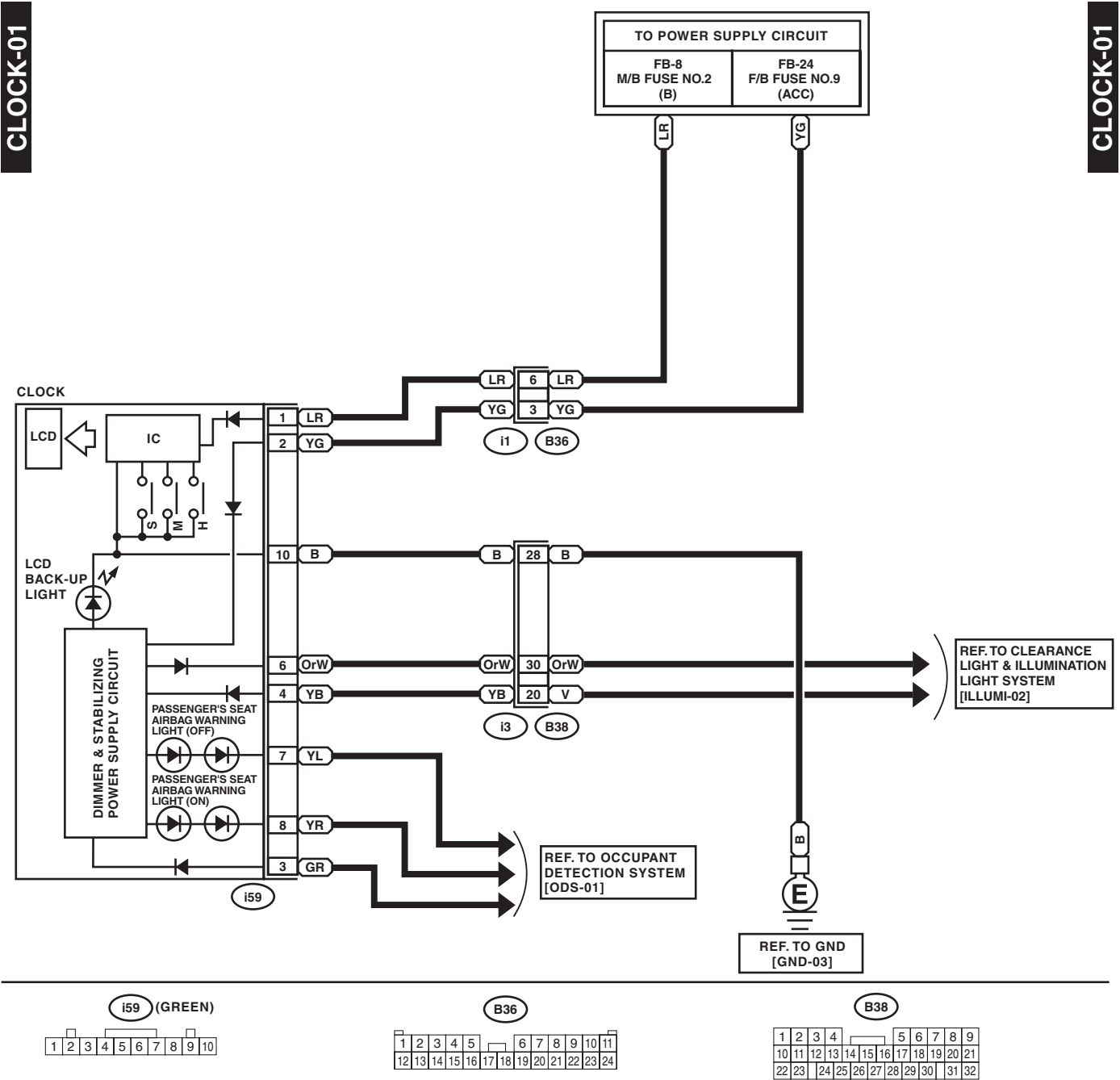
WI-16786

WIRING SYSTEM



42.Clock System

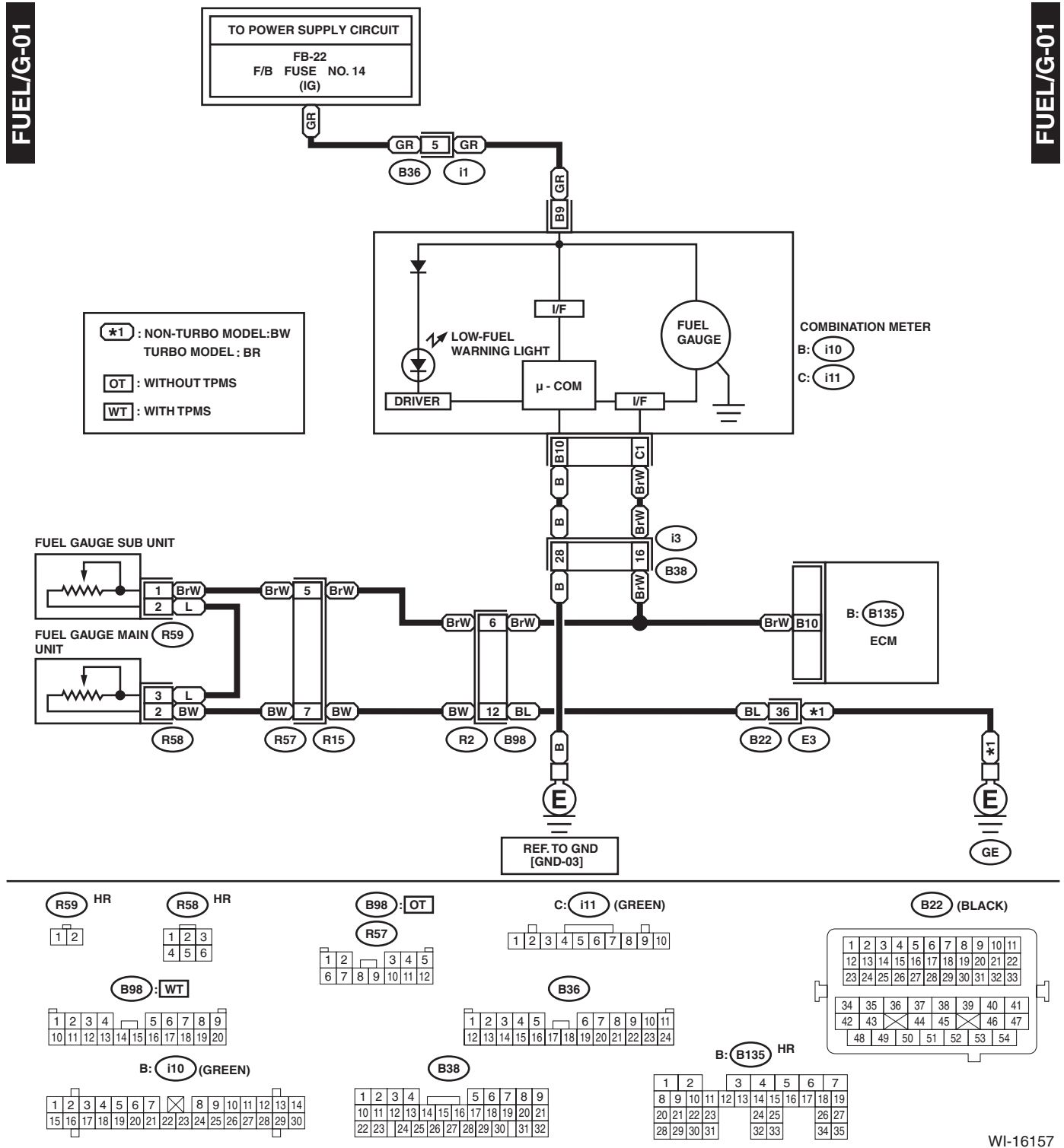
A: WIRING DIAGRAM



WIRING SYSTEM

43. Fuel Gauge System

A: WIRING DIAGRAM



A: WIRING DIAGRAM

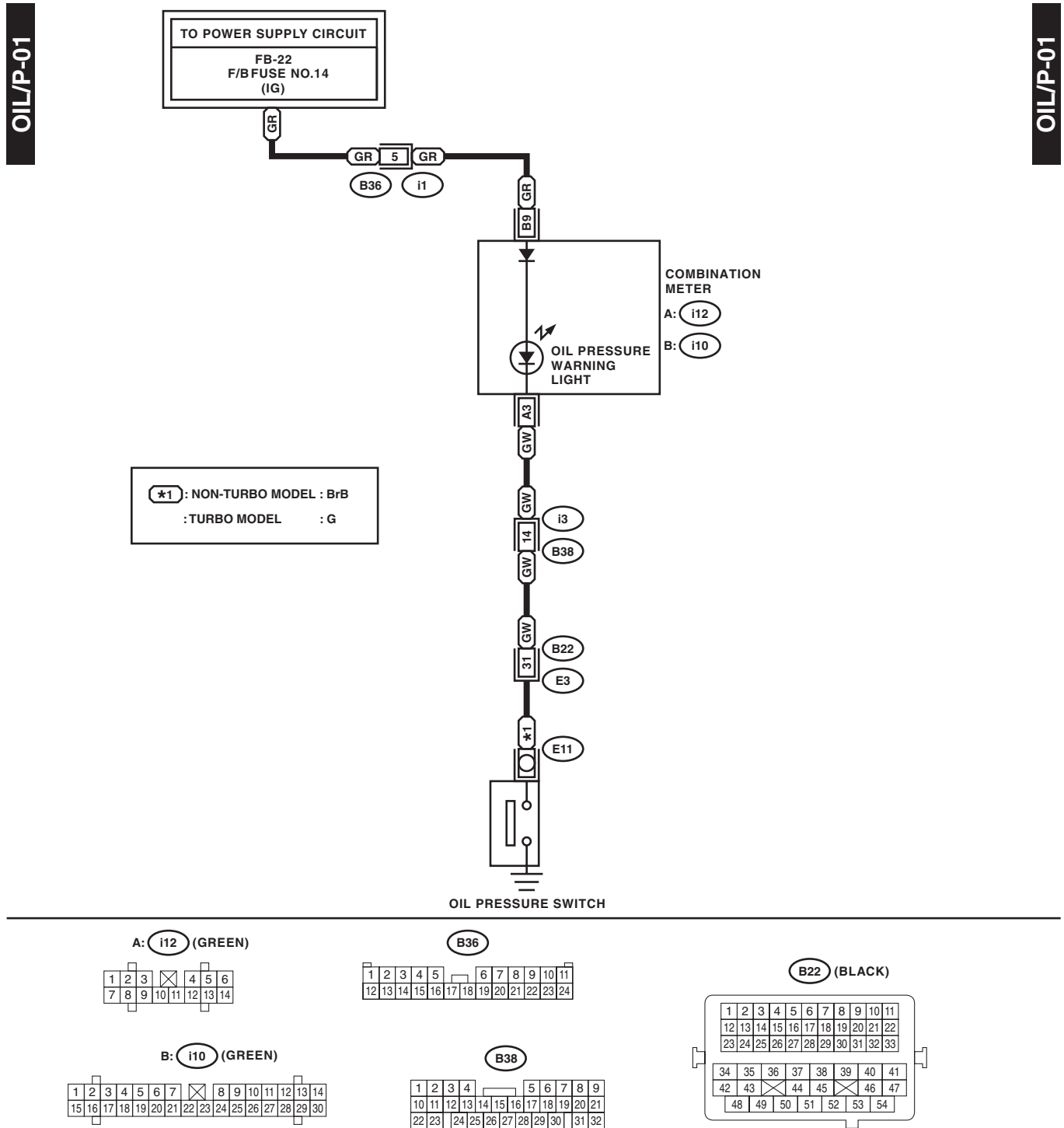


Oil Pressure Warning Light System

WIRING SYSTEM

45.Oil Pressure Warning Light System

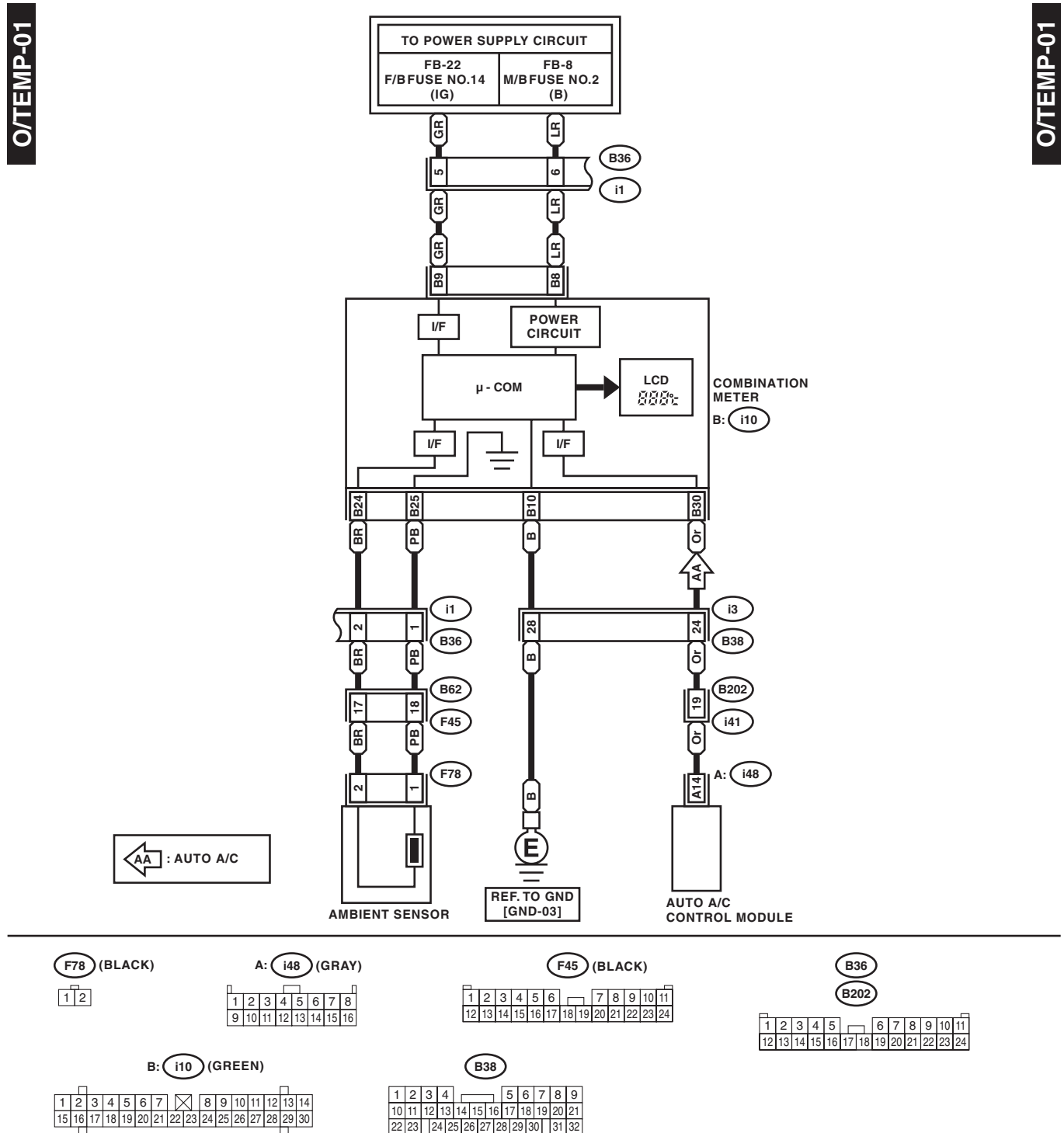
A: WIRING DIAGRAM



WI-12308

46. Outside Temperature Display System

A: WIRING DIAGRAM



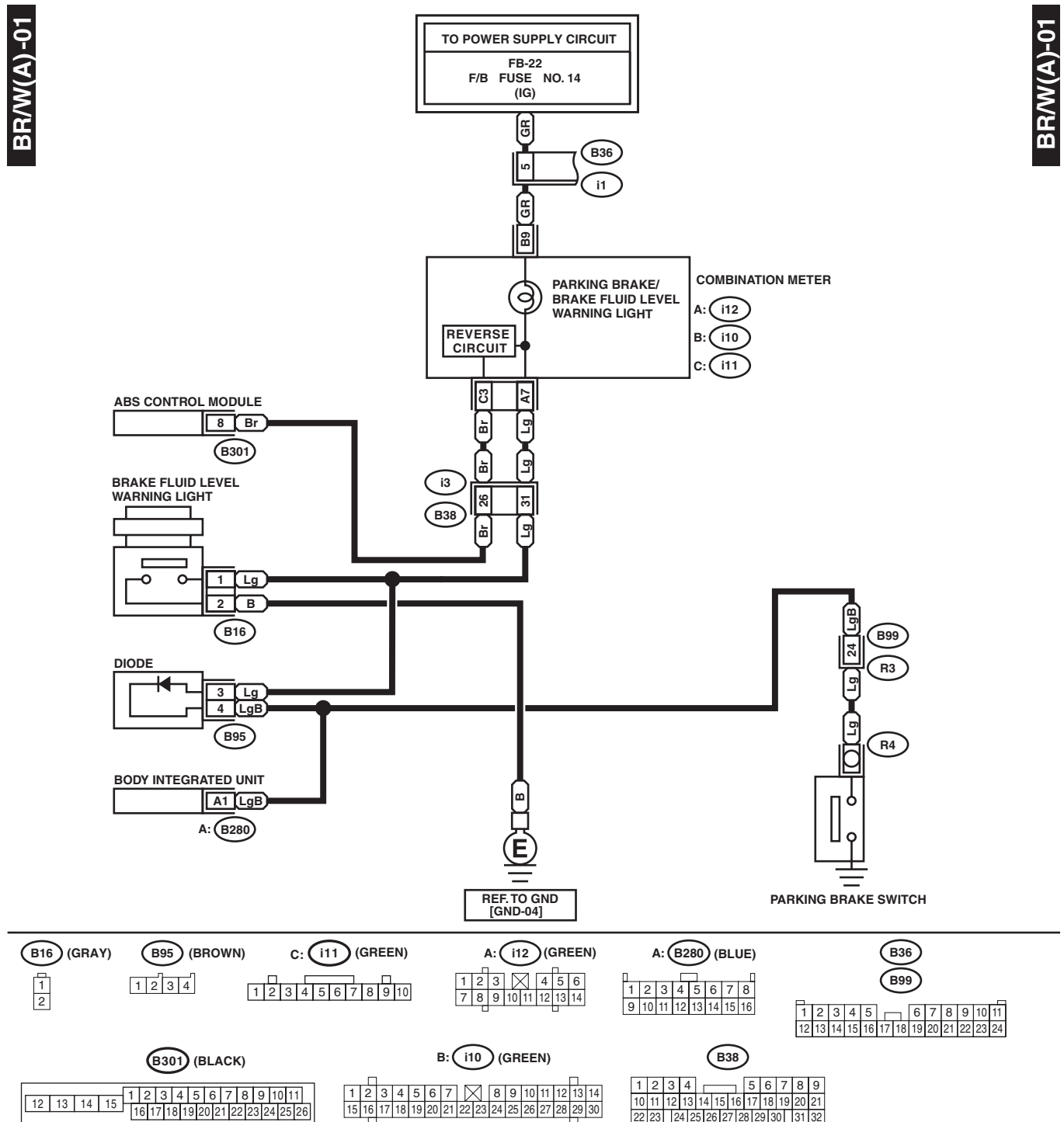
Parking Brake / Brake Fluid Level Warning Light System

WIRING SYSTEM

47. Parking Brake / Brake Fluid Level Warning Light System

A: WIRING DIAGRAM

1. WITHOUT VDC



WI-16788

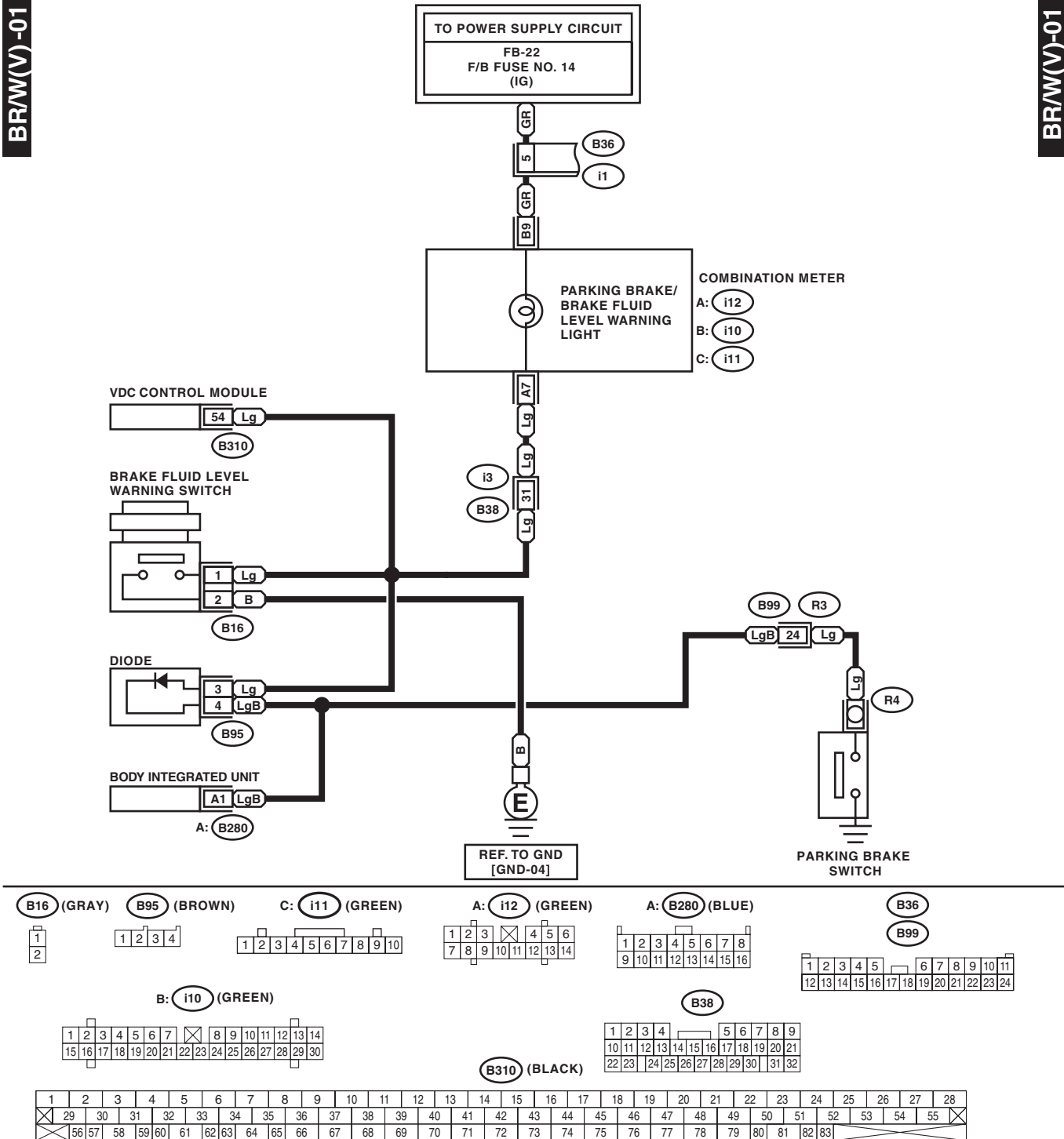
Parking Brake / Brake Fluid Level Warning Light System

WIRING SYSTEM

2. WITH VDC

BR/W(V)-01

BR/W(V)-01



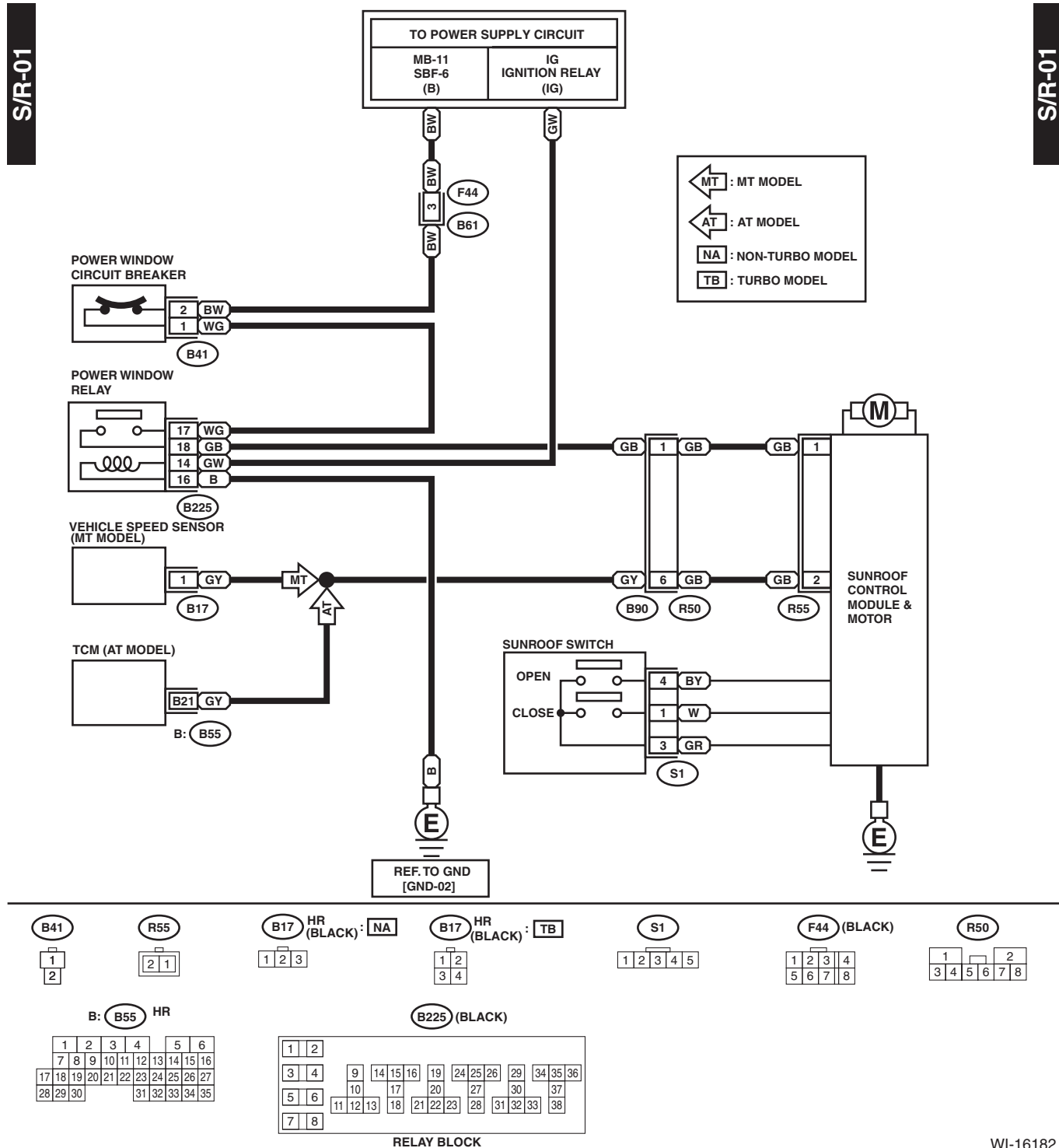
WI-16789

Sunroof Control System

WIRING SYSTEM

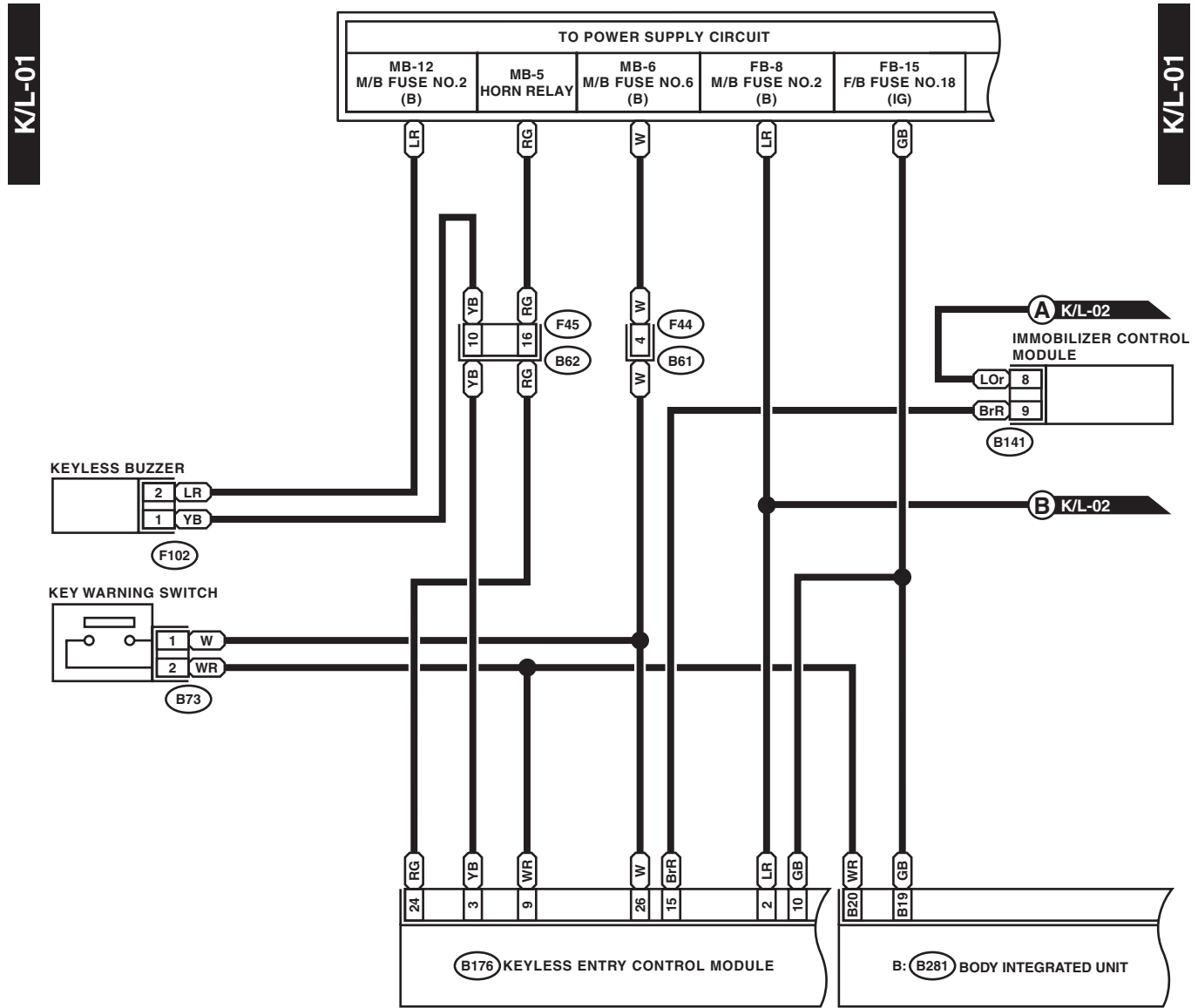
48.Sunroof Control System

A: WIRING DIAGRAM



49. Keyless Entry System

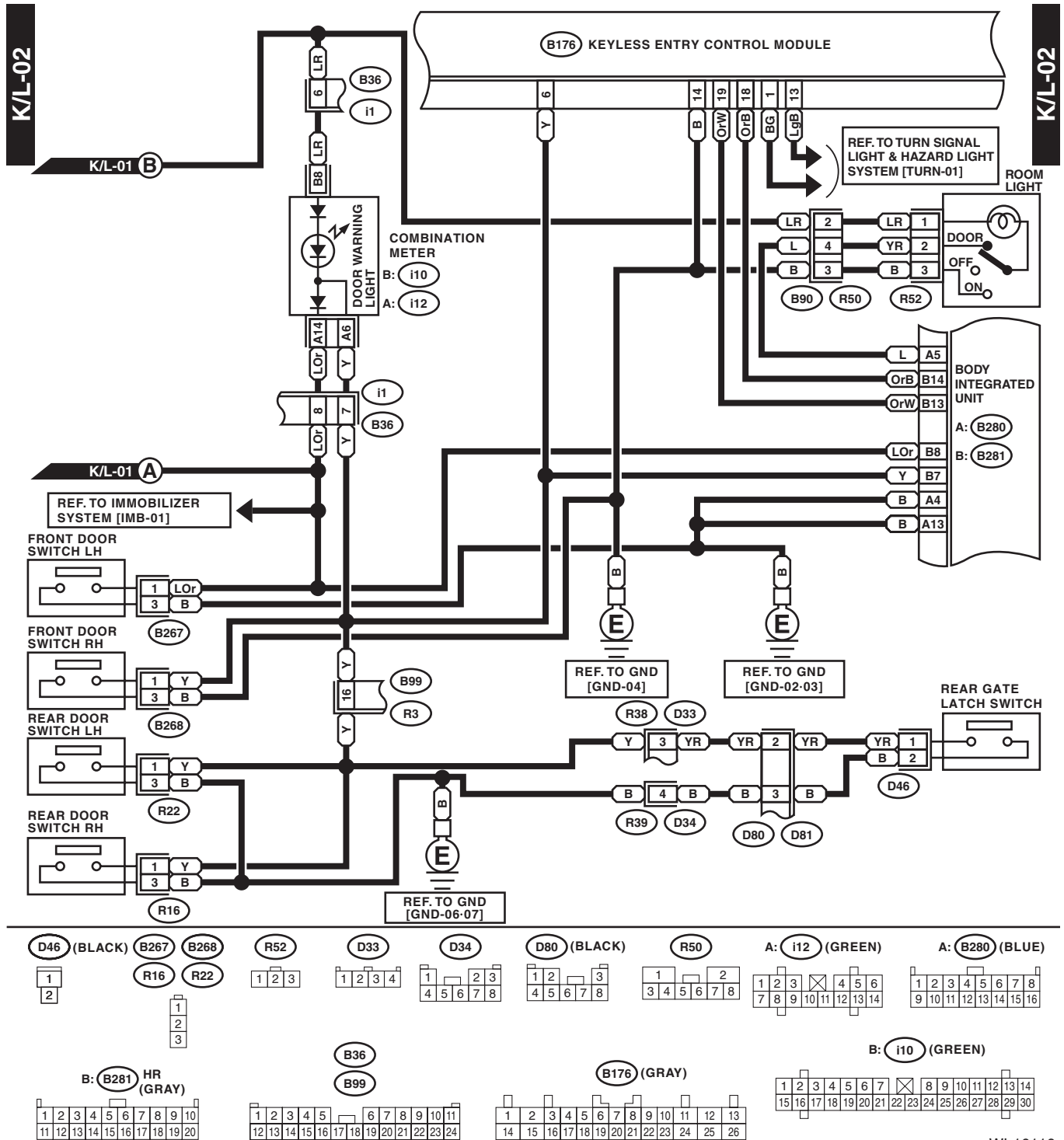
A: WIRING DIAGRAM



WI-16115

Keyless Entry System

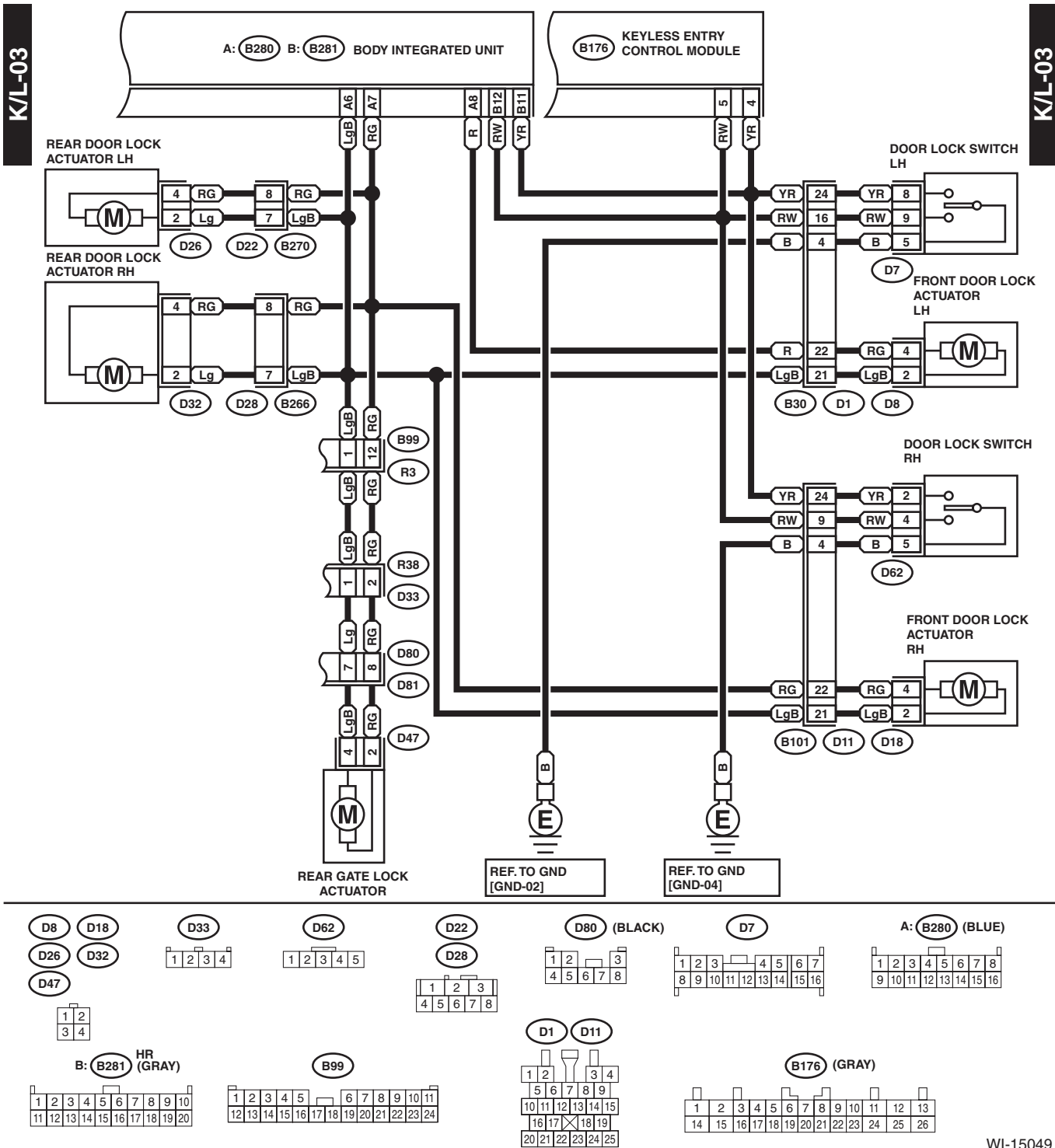
WIRING SYSTEM



WI-16116

Keyless Entry System

WIRING SYSTEM

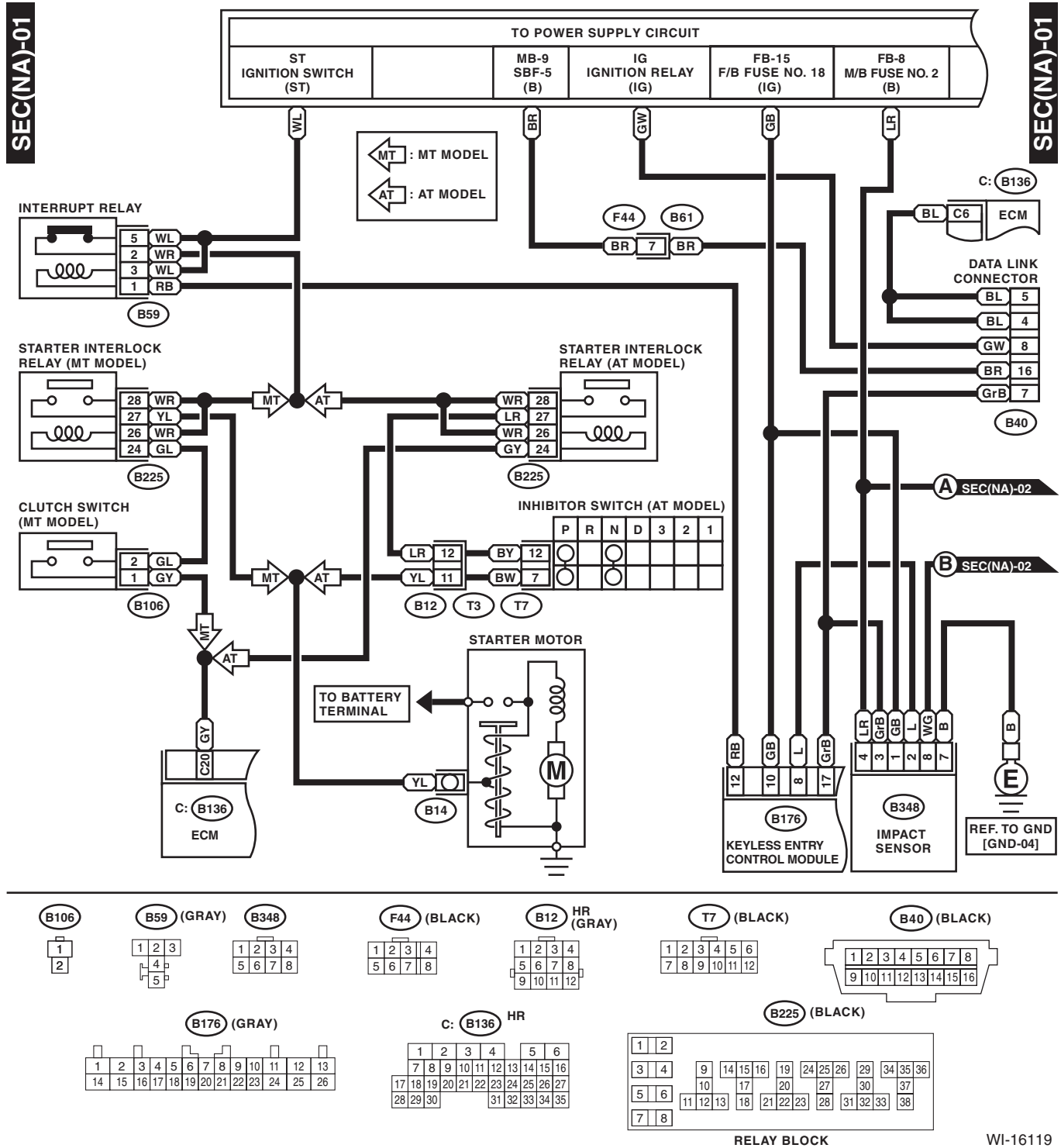


WI-15049

50.Security System

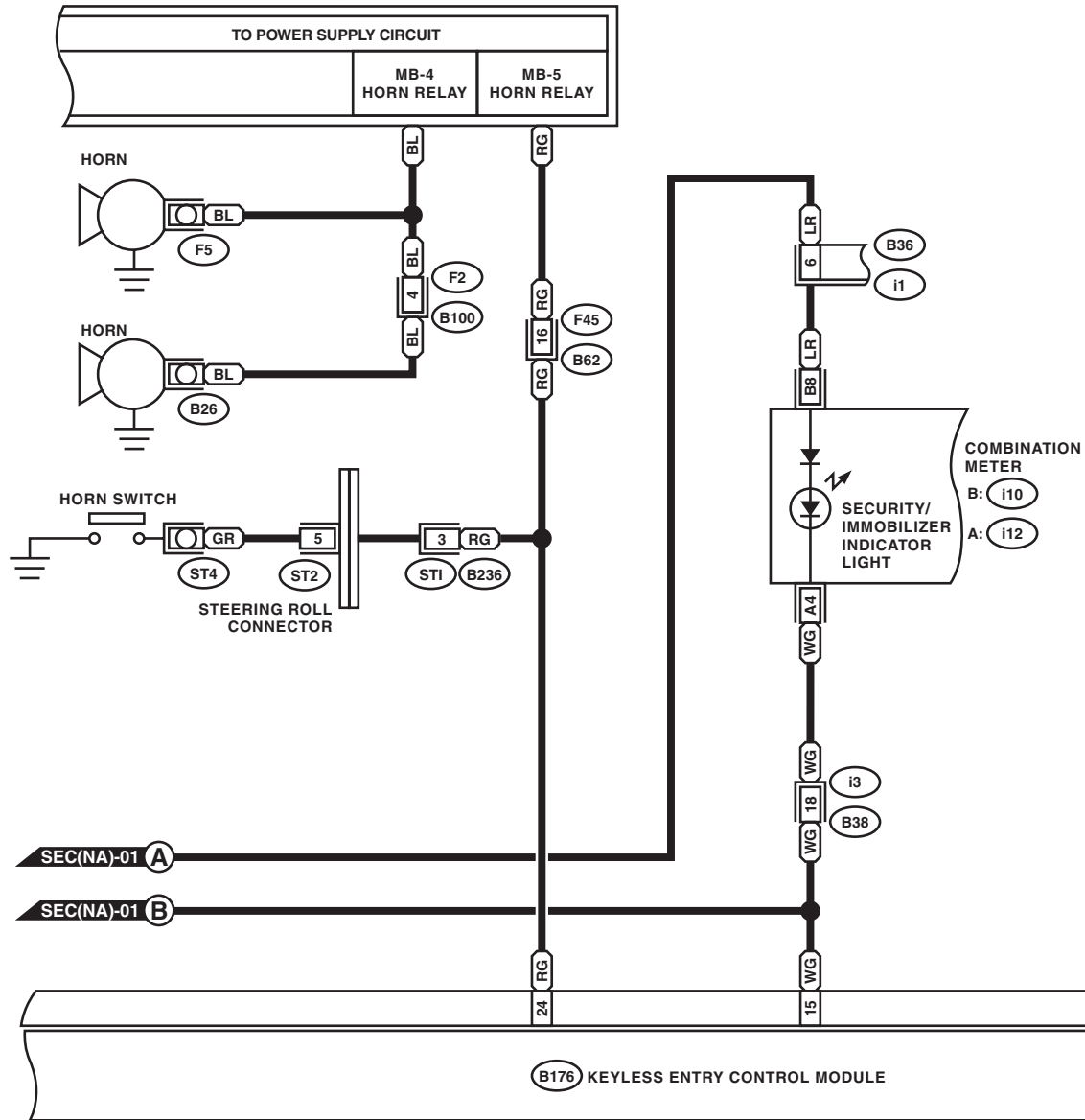
A: WIRING DIAGRAM

1. NON-TURBO MODEL



SEC(NA)-02

SEC(NA)-02



ST2

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

B236

1	2	3
4	5	6
7	8	

A: i12 (GREEN)

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

F2 (BLUE)

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

B36

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

F45 (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									

B176 (GRAY)

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

B: 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												

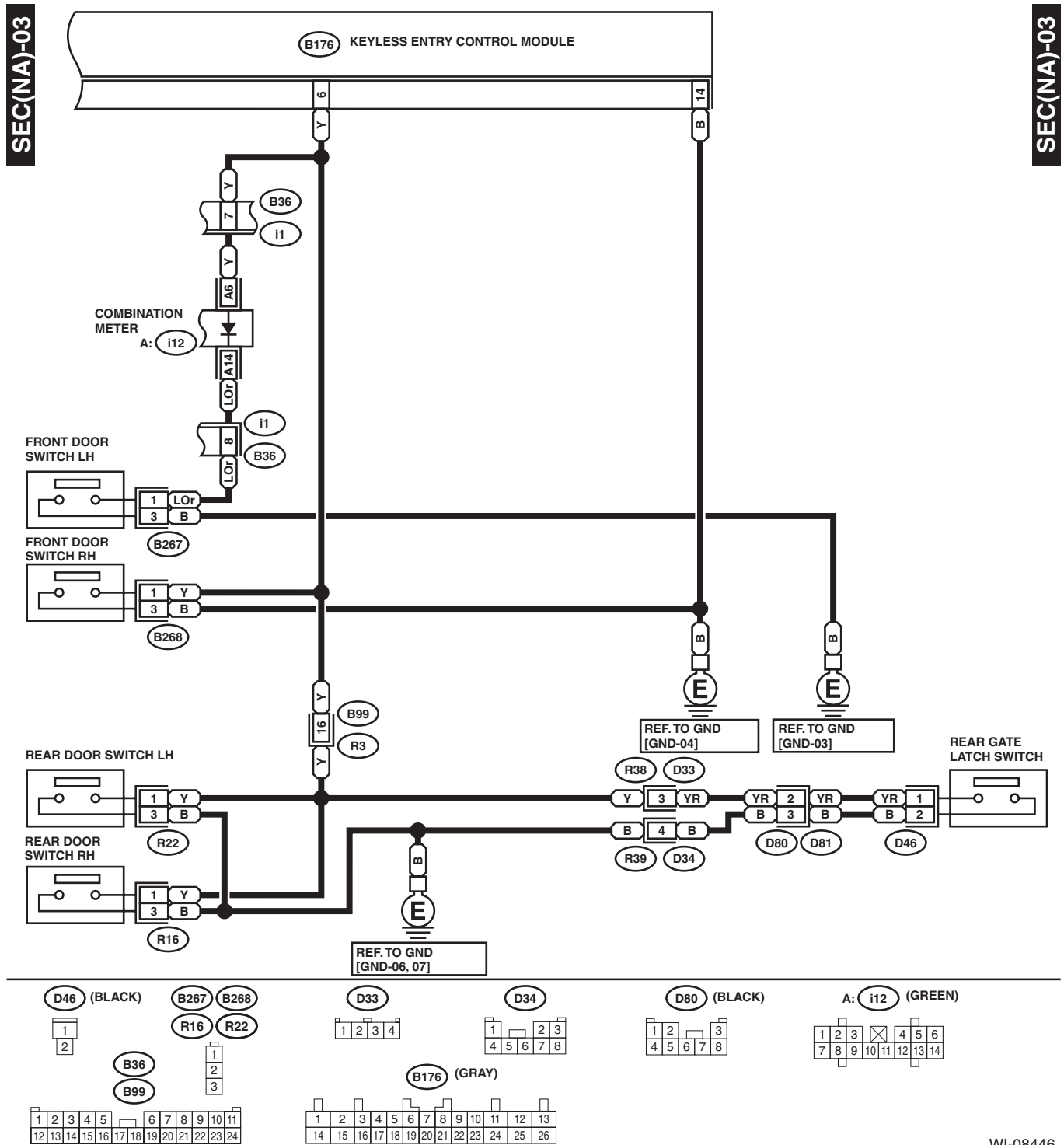
B38

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

WI-16120

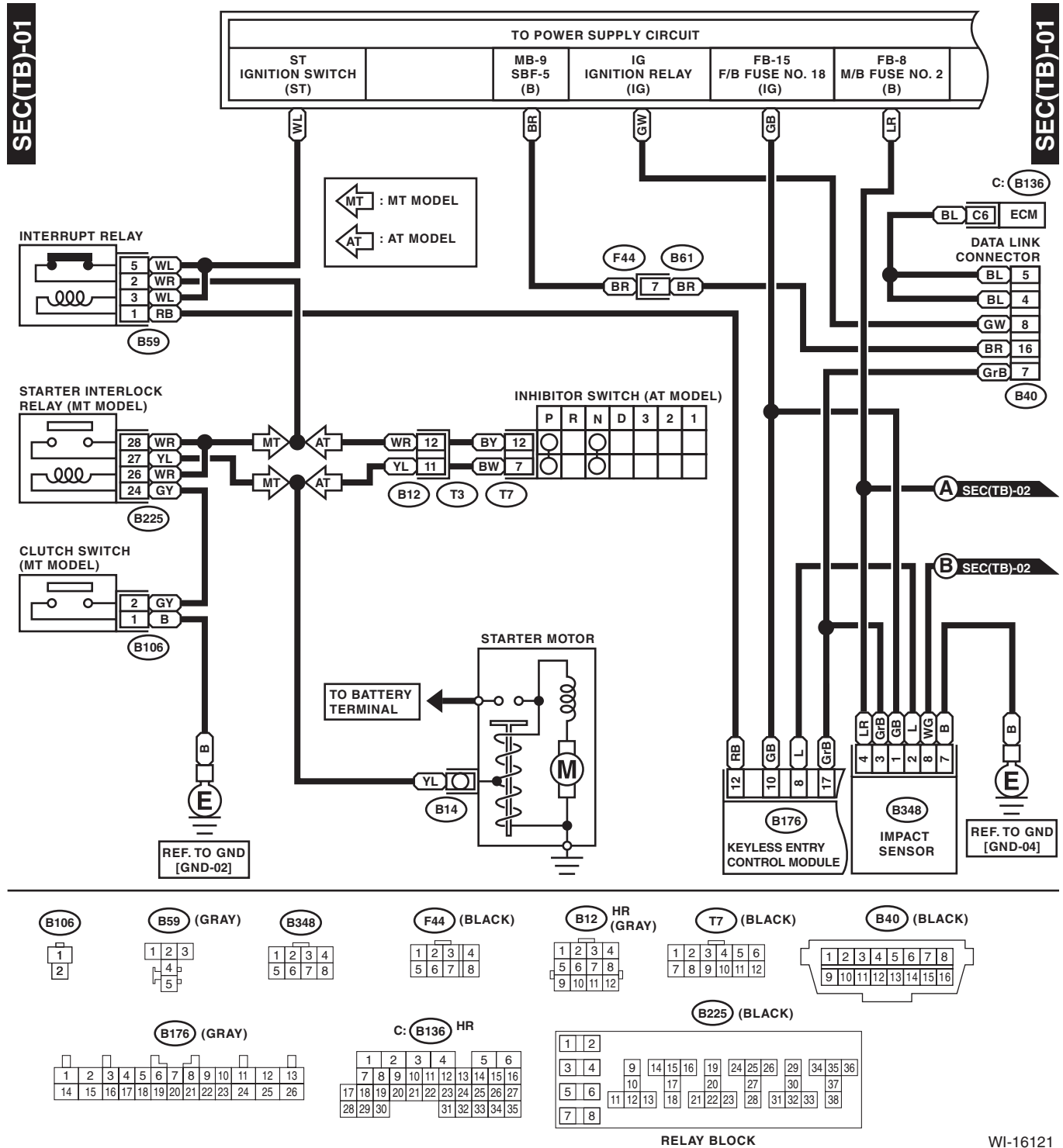
Security System

WIRING SYSTEM



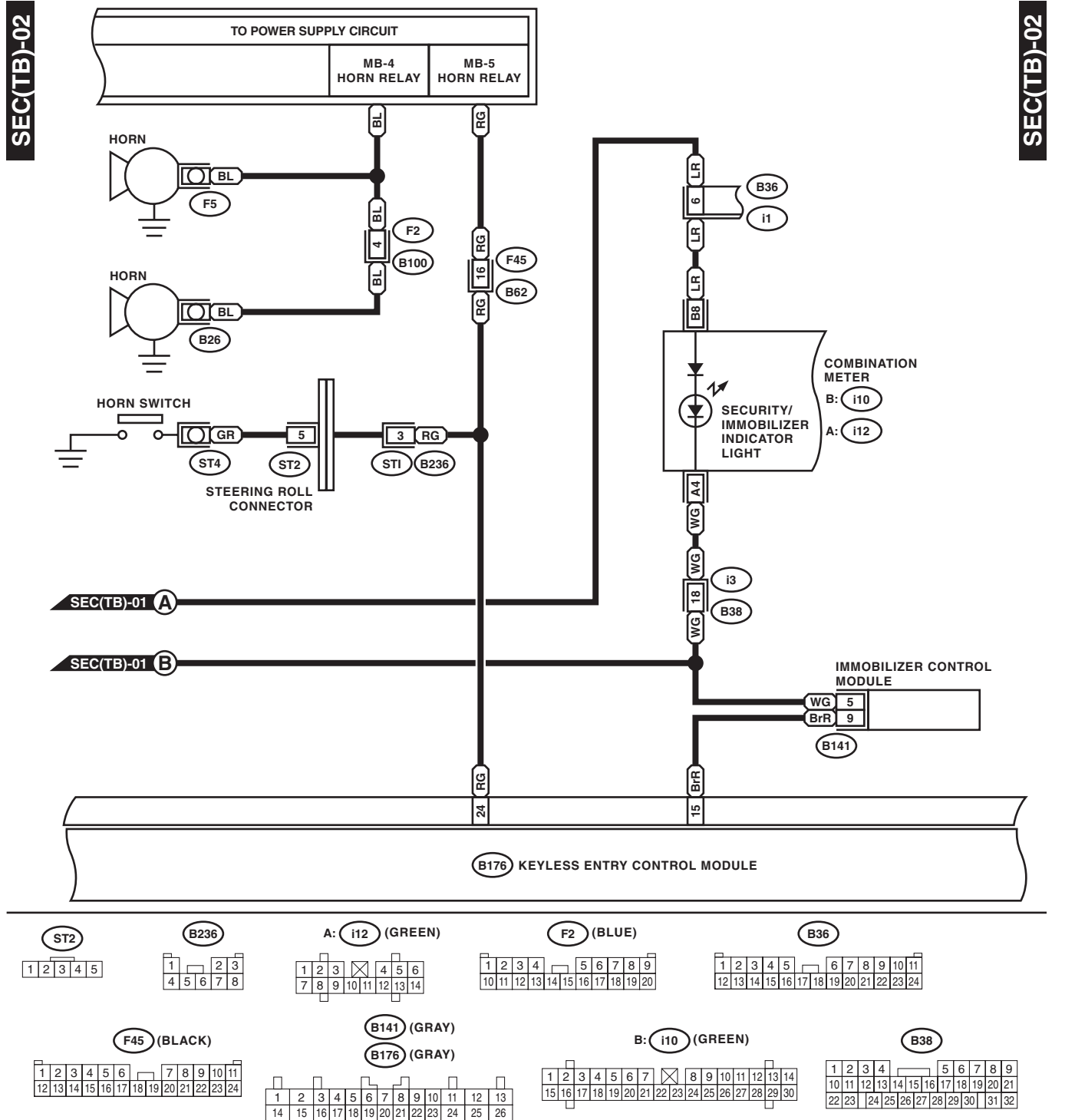
WI-08446

2. TURBO MODEL



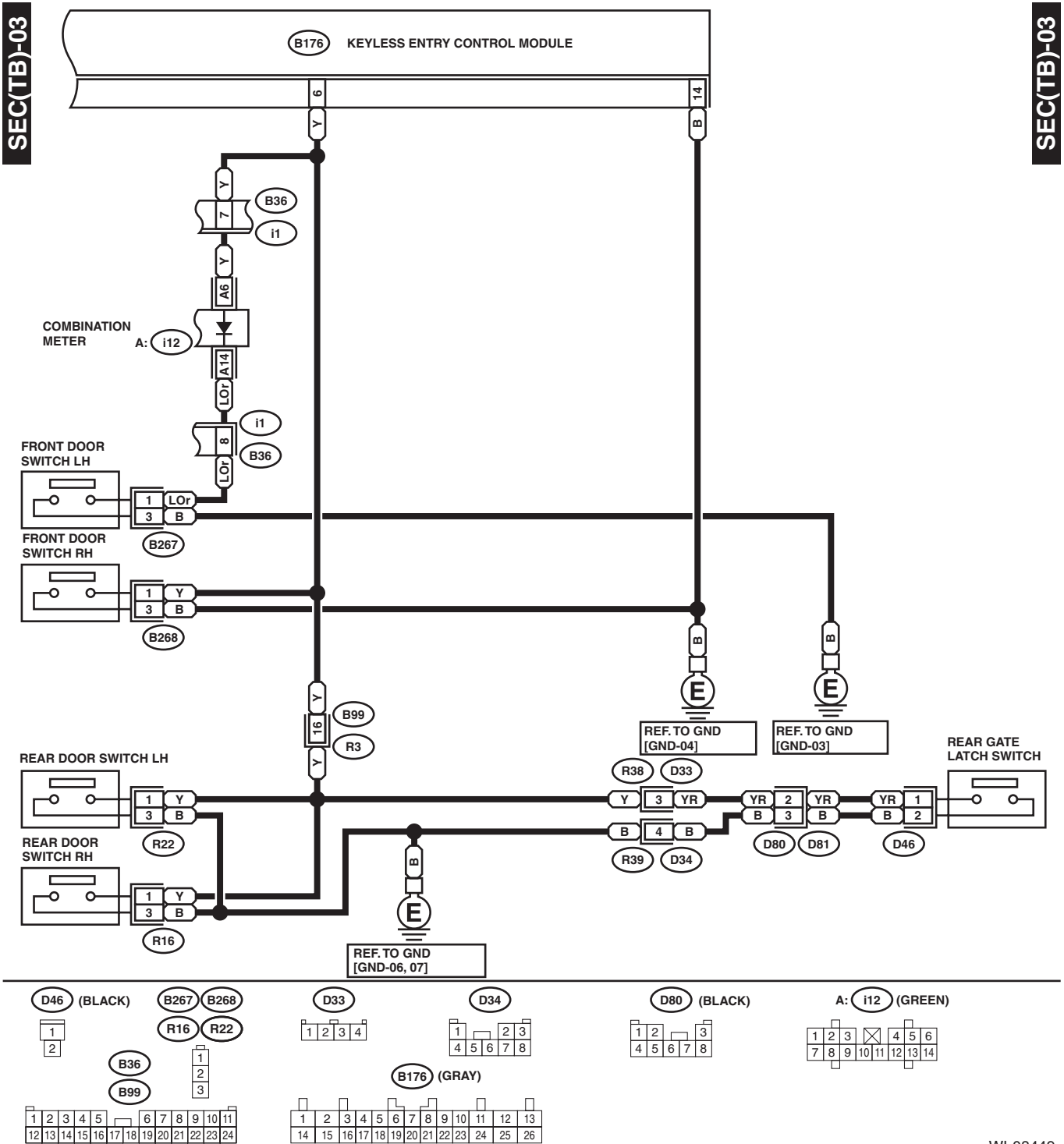
Security System

WIRING SYSTEM



Security System

WIRING SYSTEM



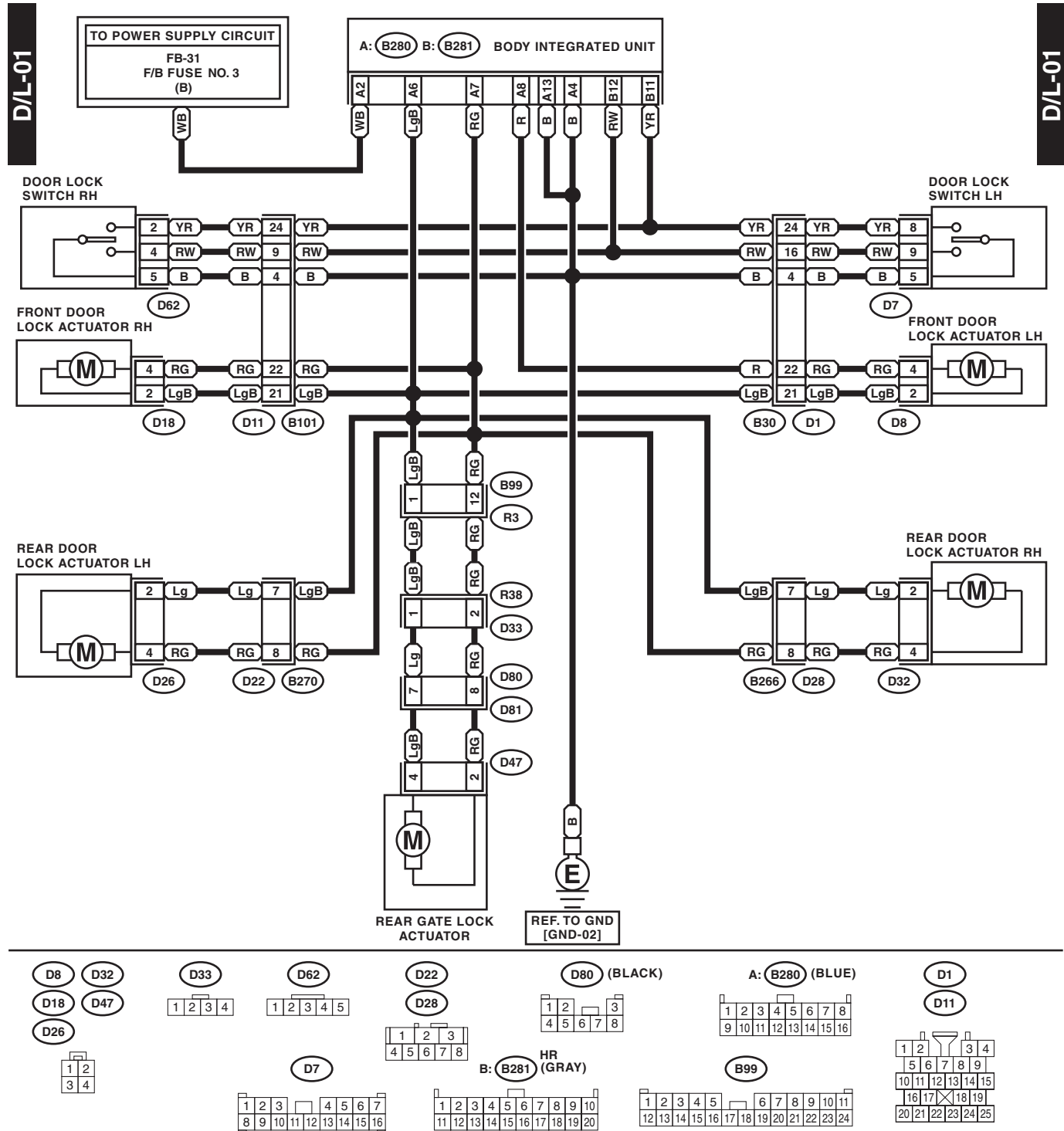
WI-08449

Door Lock System

WIRING SYSTEM

51. Door Lock System

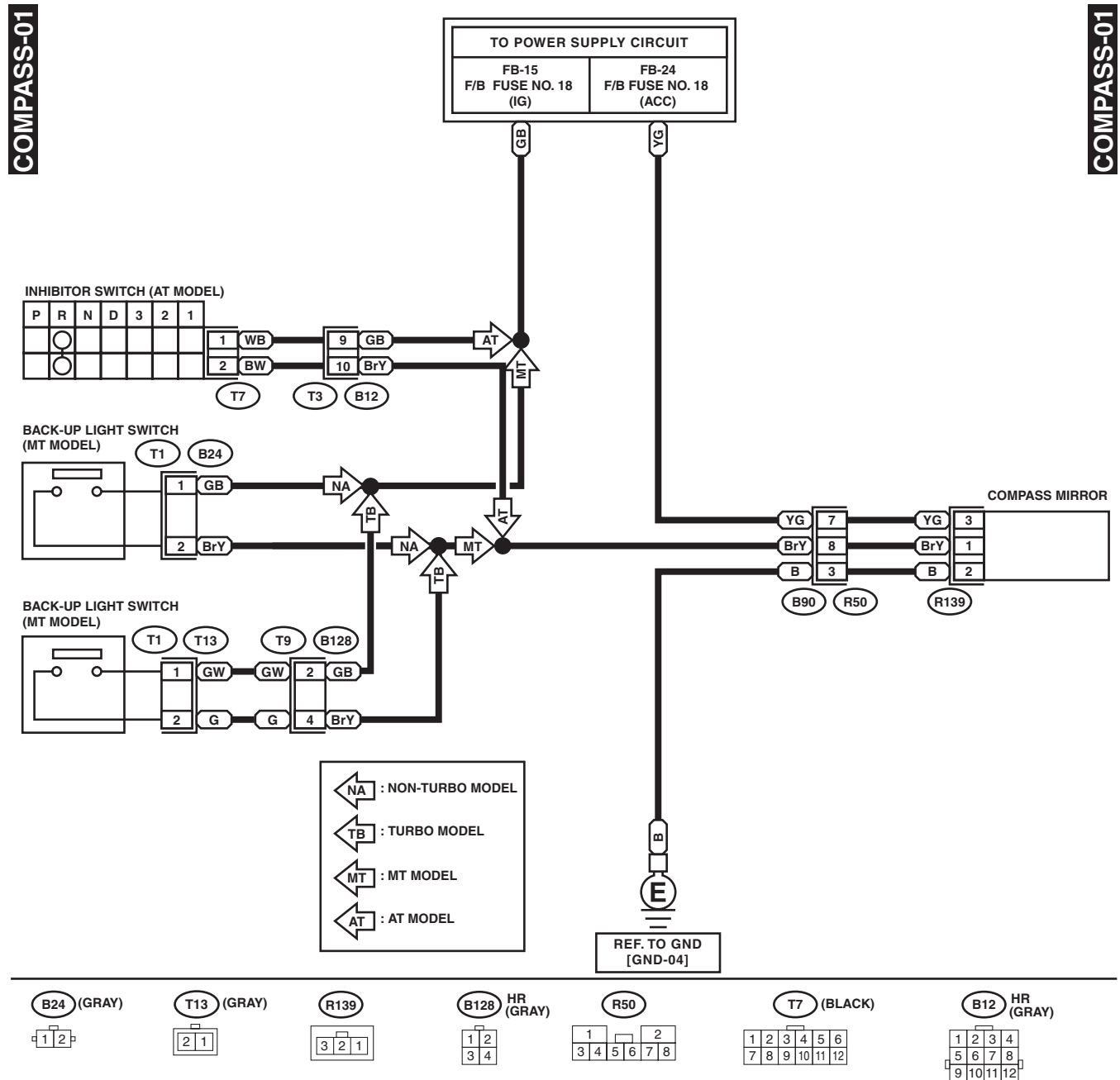
A: WIRING DIAGRAM



WI-15052

52. Compass Mirror System

A: WIRING DIAGRAM



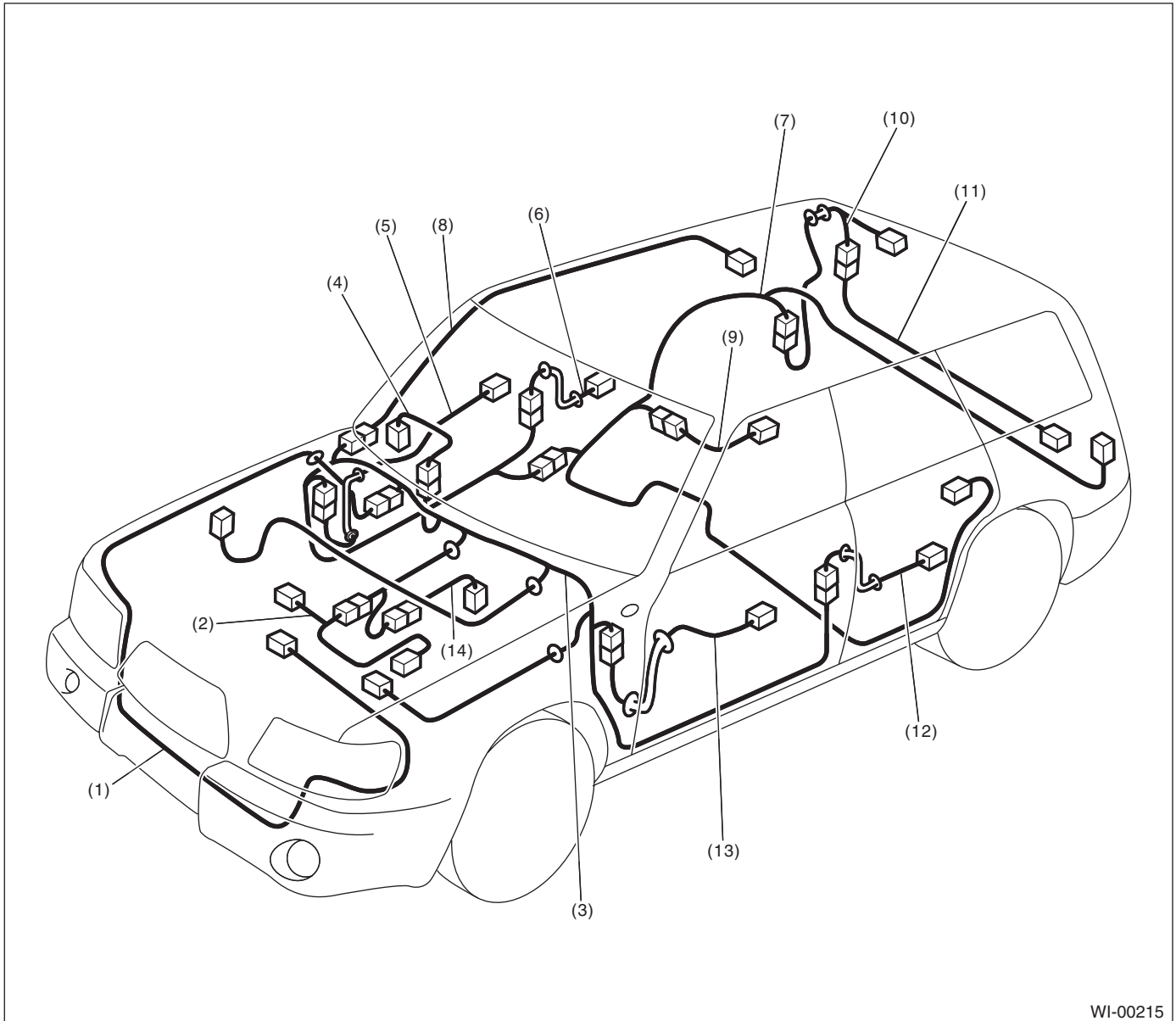
WI-16845

Harness Components Location

WIRING SYSTEM

53.Harness Components Location

A: LOCATION



WI-00215

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

54. Front Wiring Harness

A: LOCATION

• Front wiring harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
F2	20	Blue	B-4	B100	Bulkhead wiring harness
F5	1	Black	C-3		Horn
F7	6	Gray	B-1		Headlight RH
F9	13	Black	B-3		Secondary air relay holder
F11	2	Gray	B-2		Secondary air pump
F16	2	Gray	C-1		Sub fan motor
F17	2	Gray	C-2		Main fan motor
F19	2	Gray	C-3		Front turn signal light LH
F21	2	Brown	C-3		Front fog light LH
F23	6	Gray	C-3		Headlight LH
F24	1	Gray	B-2		Compressor
F25	1	★	B-2		Generator terminal B
F26	3	Green	B-2		Generator
F27	36	Black	B-3		A/C relay holder
F32	2	Gray	C-4		Front washer motor
F33	2	Gray	C-3		Rear washer motor
F34	4	Black	B-3		SBF holder
F35	2	Black	B-3		Main fuse box (M/B)
F36	3	★	B-4		
F37	6	★	B-4		
F38	1	Brown	B-4		
F39	8	★	B-3		
F40	9	Brown	B-5		Fuse & relay box (F/B)
F41	7	Gray	B-5		
F44	8	Black	B-4	B61	Bulkhead wiring harness
F45	24	Black	B-4	B62	
F46	2	Black	B-4	B108	
F53	2	Gray	C-3		Side marker light LH
F58	3	Black	C-3		Headlight beam leveler LH (HID model)
F59	3	Black	B-1		Headlight beam leveler RH (HID model)
F68	4	★	B-4		Main fuse box (M/B)
F78	2	Black	C-1		Ambient sensor
F94	2	Gray	B-2		Front ABS wheel speed sensor LH
F102	2	Black	C-1		Keyless buzzer

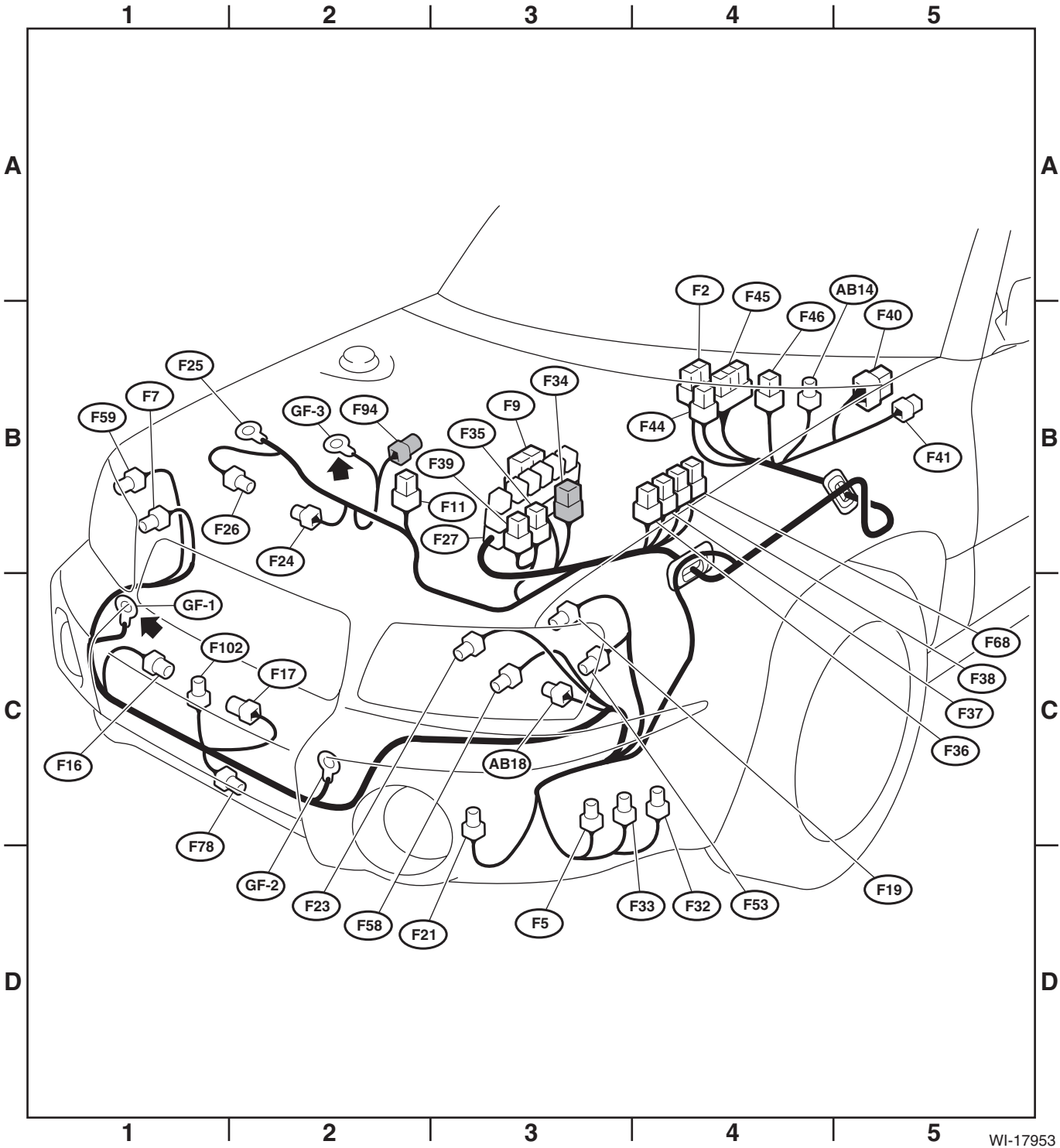
★ : White or natural color

• Airbag wiring harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB14	2	Yellow	B-4	AB13	Airbag wiring harness
AB18	2	Yellow	C-3		Front sub sensor LH

Front Wiring Harness

WIRING SYSTEM



55. Bulkhead Wiring Harness (In Engine Compartment)

A: LOCATION

1. NON-TURBO MODEL

Bulkhead wiring harness

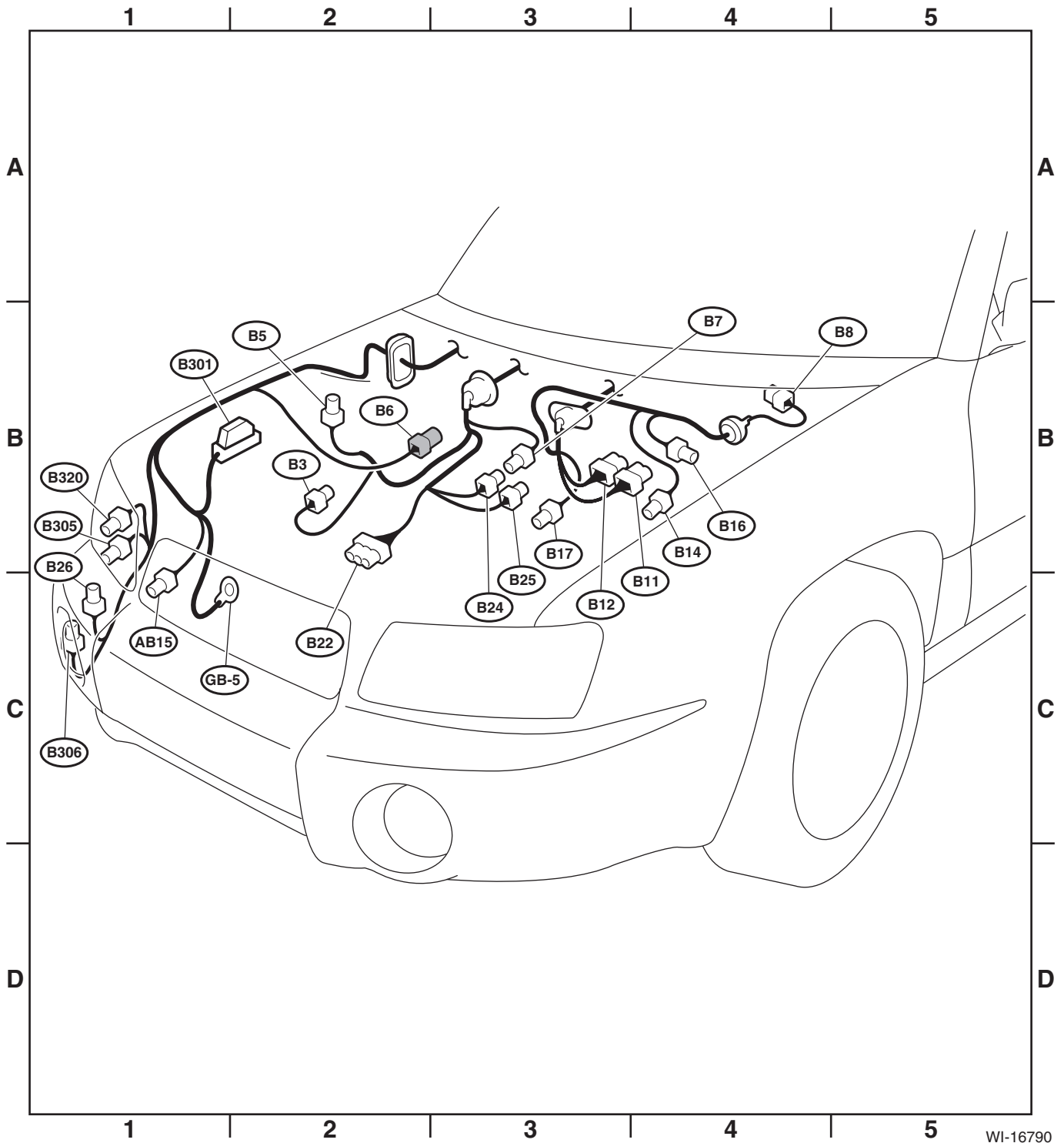
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B3	5	Black	B-2		Air flow sensor
B5	2	Gray	B-2		Daytime running light register
B6	2	Gray	B-2		Front ABS wheel speed sensor RH
B7	4	★	B-3		A/C pressure switch
B8	5	Gray	B-4		Front wiper motor
B11	20	Gray	B-4	T4	Transmission cord (AT model)
B12	12	Gray	B-3	T3	
B14	1	Black	B-4		Starter motor (Magnet)
B16	2	Gray	B-4		Brake fluid level warning switch
B17	3	Black	B-3		Vehicle speed sensor (MT model)
B22	54	Black	B-2	E3	Engine wiring harness
B24	2	Gray	B-3	T1	Back-up light switch (MT model)
B25	2	Brown	B-3	T2	Neutral switch (MT model)
B26	1	Black	C-1		Horn
B301	26	Black	B-2		ABS control module
B305	2	Gray	B-1		Front turn signal light RH
B306	2	Brown	C-1		Front fog light RH
B320	2	Gray	B-1		Side marker light RH
★ : White or natural color					

Airbag wiring harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB15	2	Yellow	C-1		Front sub sensor RH

Bulkhead Wiring Harness (In Engine Compartment)

WIRING SYSTEM



WI-16790

Bulkhead Wiring Harness (In Engine Compartment)

WIRING SYSTEM

2. TURBO MODEL

Bulkhead wiring harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B3	5	Black	B-2		Air flow sensor
B5	2	Gray	B-2		Daytime running light register
B6	2	Gray	B-2		Front ABS wheel speed sensor RH
B7	4	★	B-3		A/C pressure switch
B8	5	Gray	B-4		Front wiper motor
B11	20	Gray	B-4	T4	Transmission cord (AT model)
B12	12	Gray	B-3	T3	
B14	1	Black	B-4		Starter motor (Magnet)
B16	2	Gray	B-4		Brake fluid level warning switch
B17	4	Black	B-3		Vehicle speed sensor (MT model)
B18	4	Gray	B-3	T5	Rear oxygen sensor
B20	16	Brown	B-2	E1	Engine wiring harness
B22	54	Black	B-2	E3	
B26	1	Black	C-1		Horn
B127	2	Blue	B-2		Wastegate solenoid
B128	4	Gray	B-3	T9	Transmission cord (MT model)
B262	4	Gray	B-2		Front oxygen (A/F) sensor
B301	26	Black	B-2		ABS control module
B305	2	Gray	B-1		Front turn signal light RH
B306	2	Brown	C-1		Front fog light RH
B320	2	Gray	B-1		Side marker light RH
B368	16	Black	B-2		VDC hydraulic unit
B369	2	Gray	B-2		
B370	6	Black	B-2		

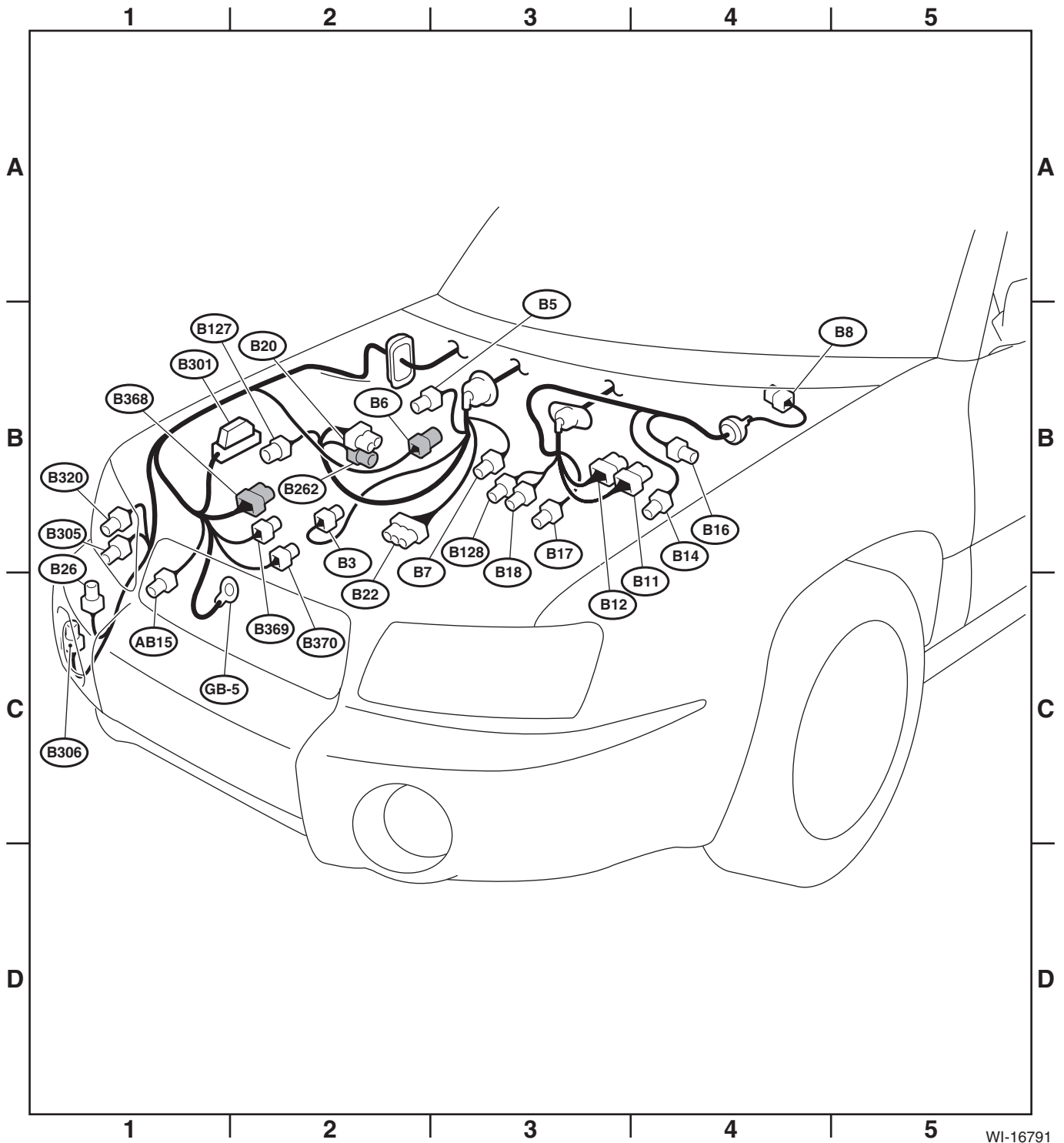
★ : White or natural color

Airbag wiring harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB15	2	Yellow	C-1		Front sub sensor RH

Bulkhead Wiring Harness (In Engine Compartment)

WIRING SYSTEM



WI-16791

56. Bulkhead Wiring Harness (In Compartment)

A: LOCATION

Bulkhead wiring harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B2	5	Gray	C-2		HID relay
B30	25	★	C-1	D1	Front door cord LH
B31	8	★	D-1	AB1	Airbag wiring harness
B32	3	Black	B-3		Turn signal and hazard unit
B34	2	Yellow	C-4	AB50	Side airbag
B36	24	★	C-1	i1	Instrument panel wiring harness
B38	32	★	B-1	i3	
B40	16	Black	C-3		Data link connector
B41	2	★	C-1		Power window circuit breaker
B46	4	★	B-5		Fuel pump relay
B47	6	Brown	B-5		Main relay
B50	4	★	C-1		Blower fan relay (Manual A/C)
		Black	C-1		Blower fan relay (Auto A/C)
B51	8	Blue	C-1		Fuse & relay box (F/B)
B52	7	★	C-1		
B54	35	★	B-2		TCM
B55	35	★	C-2		
B59	5	Gray	C-1		Interrupt relay (Security)
B61	8	Black	B-1	F44	Front wiring harness
B62	24	Black	B-1	F45	
B65	4	Black	B-2		Stop light & brake switch
B69	4	★	B-3		Parking switch
B70	18	★	B-3		Combination switch
B71	17	★	B-3		
B72	4	Blue	C-2		Ignition switch
B73	6	★	C-3		Key lock solenoid and key warning switch
B75	2	Green	C-2	B76	Delivery (test) mode connector
B76	2	Green	C-2	B75	
B77	10	Brown	B-3		Mode actuator (Auto A/C)
B86	6	Black	B-4		Blower fan resistor (Manual A/C)
B87	2	★	B-4		Blower motor (Manual A/C)
	6	★	B-4		Blower motor (Auto A/C)
B90	8	★	B-5	R50	Roof cord
B91	4	★	B-4		Intake actuator
B95	4	Brown	B-3		Diode (Daytime running light)
B100	20	Blue	B-2	F2	Front wiring harness
B101	25	★	B-5	D11	Front door cord RH
B102	5	Black	B-5		Daytime running light relay
B103	4	Blue	B-5		High-beam relay (Daytime running light)
B104	4	Black	C-1		Rear accessory relay
B106	2	★	B-2		Clutch switch
B107	2	Blue	B-2		Clutch switch (MT model with cruise control)
B108	2	Black	C-1	F46	Front wiring harness
B112	2	Black	B-3		Diode (Front fog light)
B117	6	★	C-4		AT select lever

Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B119	2	★	C-4		Front accessory power supply socket
B122	8	★	C-4		Shield & sensor joint connector
B125	1	Green	B-5	B126	Line end check connector
B126	1	Green	B-5	B125	
B132	6	★	C-2		Headlight beam leveler switch (HID model)
B134	34	★	C-4		ECM
B135	35	★	B-4		
B136	35	★	B-4		
B137	31	★	B-4		
B141	26	Gray	B-2		Immobilizer control module (Turbo model)
B142	2	★	B-2		Immobilizer antenna (Turbo model)
B152	12	★	C-1		Fuse & relay box (F/B)
B158	10	Gray	C-1		
B160	6	Gray	C-2		Front fog light switch
B176	26	Gray	B-5		Keyless entry control module
B177	2	★	B-5		Wiper deicer
B193	8	★	C-2		Wiper deicer switch
B194	2	Black	C-1	B195	Joint connector (Key lock) (Turbo model)
B195	2	Black	C-1	B194	
B198	1	★	B-4	B199	Joint ground connector
B199	1	★	B-4	B198	
B201	24	Black	C-4	i40	Instrument panel wiring harness
B202	24	★	C-4	i41	Instrument panel wiring harness (Auto A/C)
	20	★	C-4	i41	Instrument panel wiring harness (Manual A/C)
B225	8	Black	C-2		Fuse (Relay block)
	5	Black	C-2		Ignition relay (Relay block)
					Power window relay (Relay block)
					Front fog light relay (Relay block)
					Starter interlock relay (Relay block)
					Wiper deicer and mirror heater relay (Relay block)
					Seat heater relay (Relay block)
B230	6	Black	C-4		Yaw rate & lateral G sensor (with VDC)
B231	4	★	C-3		Steering angle sensor (with VDC)
B236	8	★	C-3		Steering roll connector
B256	3	★	B-4		Evaporator thermo switch
B271	12	Blue	C-1		Fuse & relay box (F/B)
B280	16	Blue	B-2		Body integrated unit
B281	20	Gray	B-2		
B292	3	★	C-4		ABS G sensor
B309	4	Black	B-4		Electronic throttle control relay
B310	83	Black	B-3		VDC control module
B312	6	★	B-3		VDC shield joint connector
B313	4	Brown	B-1		HID diode
B315	6	Black	B-3		Accelerator position sensor
B318	6	Brown	C-2		VDC OFF switch
B327	5	Gray	B-4		A/F & oxygen sensor relay (Non-turbo model)
B348	8	★	B-4		Impact sensor
B349	2	Black	C-4		A/C diode

★ : White or natural color

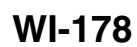
Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM

Airbag wiring harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB1	8	★	D-1	B31	Bulkhead wiring harness
AB2	4	Yellow	C-3		Airbag module (Driver)
AB3	28	Yellow	C-4		Airbag control module
AB4	4	Yellow	B-5		Airbag module (Passenger)
AB13	2	Yellow	C-1	AB14	Front sub sensor LH
★ : White or natural color					

WIRING SYSTEM



57.Engine Wiring Harness and Transmission Cord

A: LOCATION

1. NON-TURBO MODEL

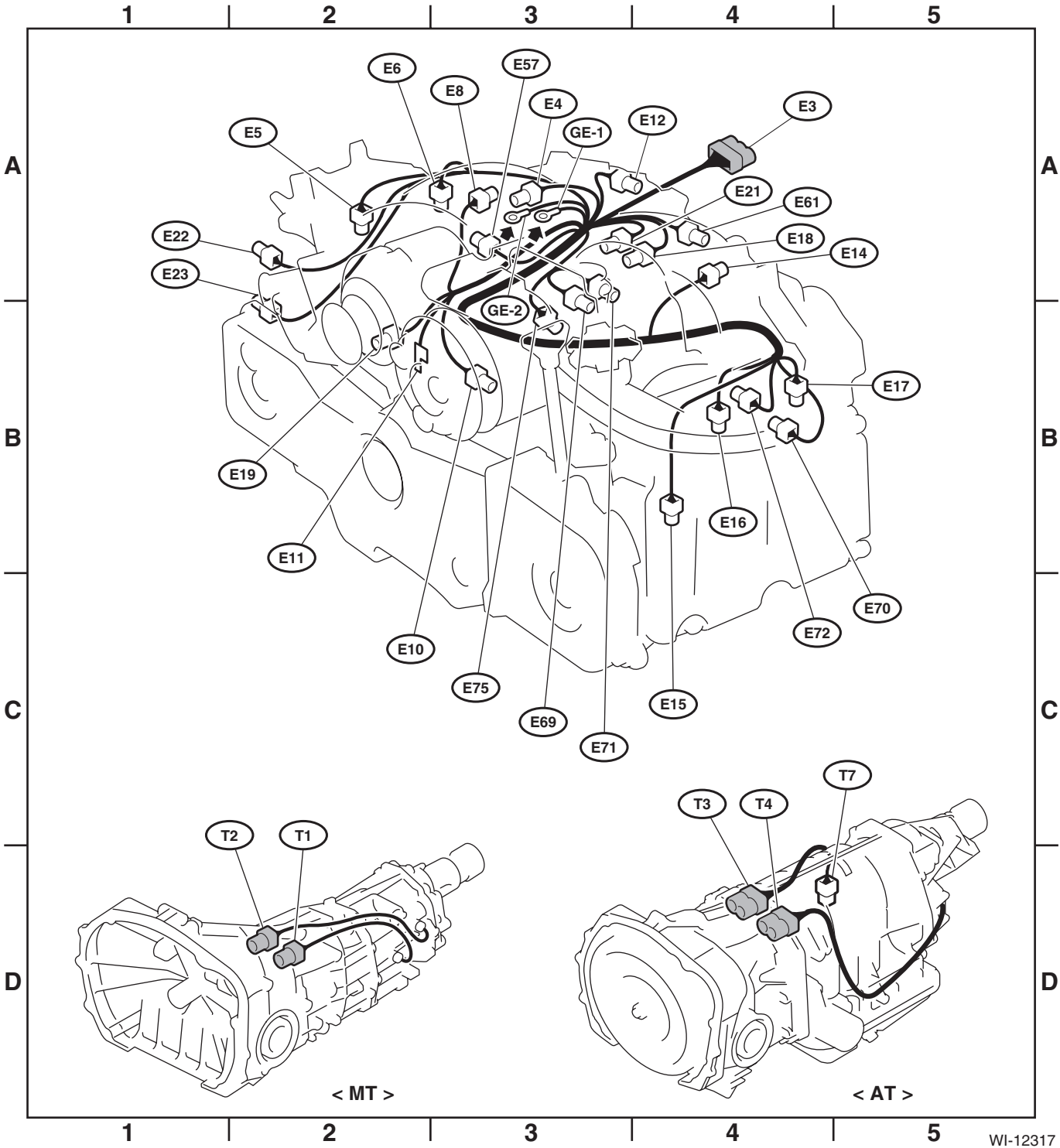
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E3	54	Black	A-4	B22	Bulkhead wiring harness
E4	2	Black	A-3		CPC Solenoid
E5	2	Dark gray	A-2		Fuel injector No. 1
E6	2	Dark gray	A-3		Fuel injector No. 3
E8	3	Light gray	A-3		Engine coolant temperature sensor and thermometer
E10	2	Light gray	B-3		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E12	4	Dark gray	A-3		Ignition coil and ignitor
E14	2	Gray	A-4		Knock sensor
E15	2	Black	B-4		Camshaft position sensor
E16	2	Dark gray	B-4		Fuel injector No. 2
E17	2	Dark gray	B-4		Fuel injector No. 4
E18	6	Dark gray	A-4		EGR valve
E19	1	★	B-2		Power steering oil pressure switch
E21	3	Black	A-3		Pressure sensor
E22	4	Dark gray	A-2		Rear oxygen sensor
E23	6	Black	A-2		Front oxygen (A/F) sensor
E57	6	Black	A-3		Electronic throttle control
E61	2	Dark gray	A-4		PCV diagnosis connector
E69	2	Blue	A-3		Oil switching solenoid valve RH
E70	2	Blue	B-4		Oil switching solenoid valve LH
E71	1	★	A-3		Variable valve lift diagnosis oil pressure switch RH
E72	1	★	B-4		Variable valve lift diagnosis oil pressure switch LH
E75	2	Black	B-3		Oil temperature sensor
★ : White or natural color					

Transmission cord

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T1	2	Gray	D-2	B24	Bulkhead wiring harness (MT model)
T2	2	Brown	D-2	B25	
T3	12	Black	D-4	B12	Bulkhead wiring harness (AT model)
T4	20	Gray	D-4	B11	
T7	12	Black	D-4		Inhibitor switch

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM



Engine Wiring Harness and Transmission Cord

WIRING SYSTEM

2. TURBO MODEL

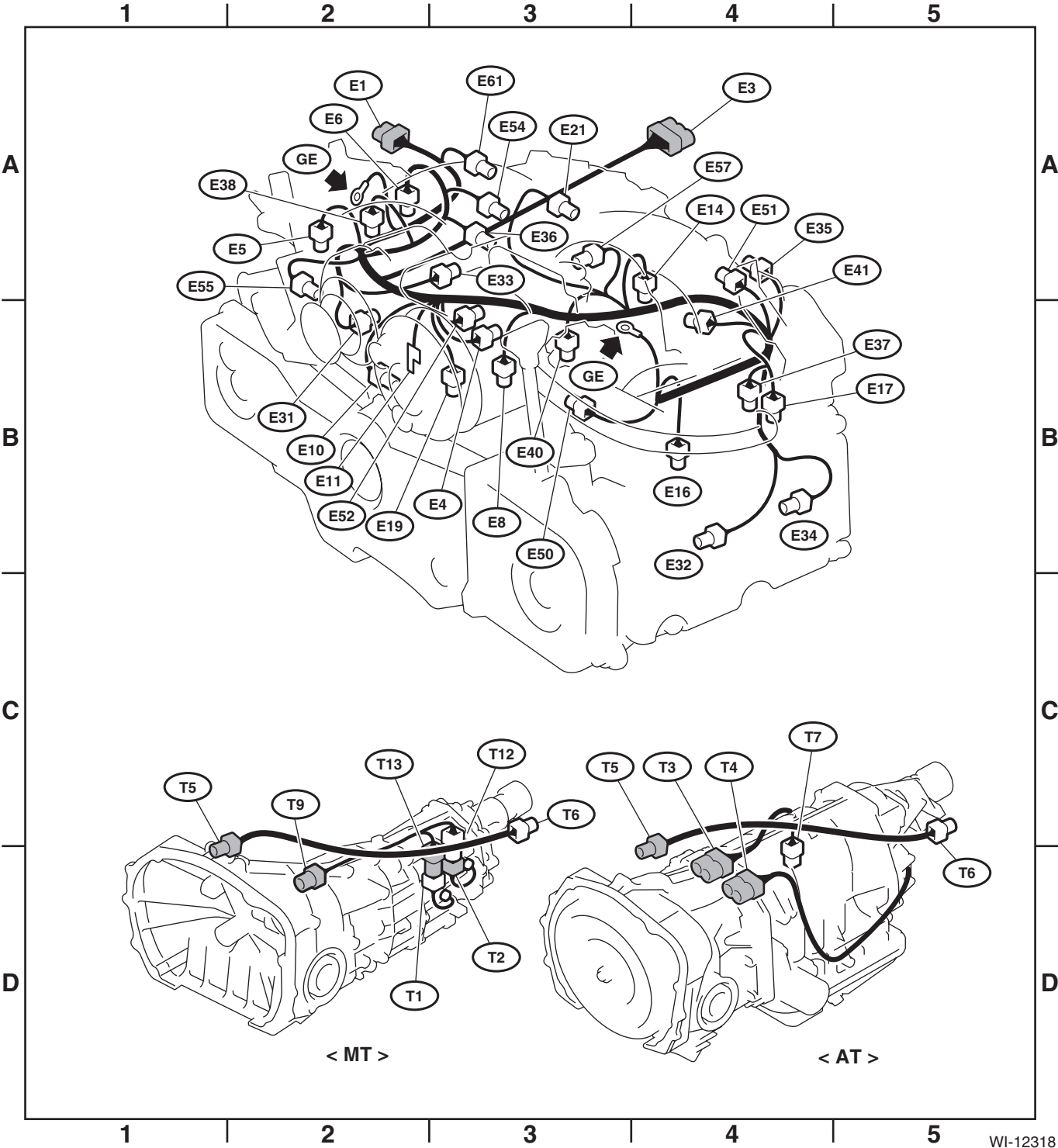
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E1	16	Brown	A-2	B20	Bulkhead wiring harness
E3	54	Black	A-3	B22	
E4	2	Black	B-3		CPC solenoid No. 1
E5	2	Dark gray	A-2		Fuel injector No. 1
E6	2	Dark gray	A-2		Fuel injector No. 3
E8	3	Light gray	B-3		Engine coolant temperature sensor and thermometer
E10	2	Light gray	B-2		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E14	2	Light gray	A-4		Knock sensor
E16	2	Dark gray	B-4		Fuel injector No. 2
E17	2	Dark gray	B-4		Fuel injector No. 4
E19	1	★	B-3		Power steering oil pressure switch
E21	3	Black	A-3		Pressure sensor
E31	3	★	B-2		Ignition coil No. 1
E32	3	★	B-4		Ignition coil No. 2
E33	3	Black	A-3		Ignition coil No. 3
E34	3	Black	B-4		Ignition coil No. 4
E35	3	Light gray	A-4		AVCS camshaft position sensor LH
E36	3	Light gray	A-3		AVCS cam shaft position sensor RH
E37	2	Blue	B-4		AVCS solenoid LH
E38	2	Blue	A-2		AVCS solenoid RH
E40	2	Black	B-3		Secondary air combination valve RH
E41	6	Black	B-4		Secondary air combination valve LH (with pressure sensor integrated)
E50	3	Black	B-3		TGV position sensor LH
E51	2	Black	A-4		TGV LH
E52	2	Black	B-3		CPC solenoid No. 2
E54	3	Black	A-3		TGV position sensor RH
E55	2	Black	A-2		TGV RH
E57	6	Black	A-3		Electronic throttle control
E61	2	Dark gray	A-3		PCV diagnosis connector
★ : White or natural color					

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM

Transmission cord

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T1	2	★	D-3		Transmission cord (MT model)
T2	2	★	D-3		
T3	12	Black	D-4	B12	Bulkhead wiring harness (AT model)
T4	20	Gray	D-4	B11	
T5	4	Dark gray	C-1	B18	Bulkhead wiring harness (MT model)
			C-4	B18	Bulkhead wiring harness (AT model)
T6	4	Dark gray	C-3		Rear oxygen sensor (MT model)
			C-5		Rear oxygen sensor (AT model)
T7	12	Black	D-4		Inhibitor switch
T9	4	Gray	D-2	B128	Bulkhead wiring harness (MT model)
T12	2	Brown	D-3		Neutral switch (MT model)
T13	2	Gray	D-3		Back-up light switch (MT model)
★ : White or natural color					



Instrument Panel Wiring Harness

WIRING SYSTEM

58.Instrument Panel Wiring Harness

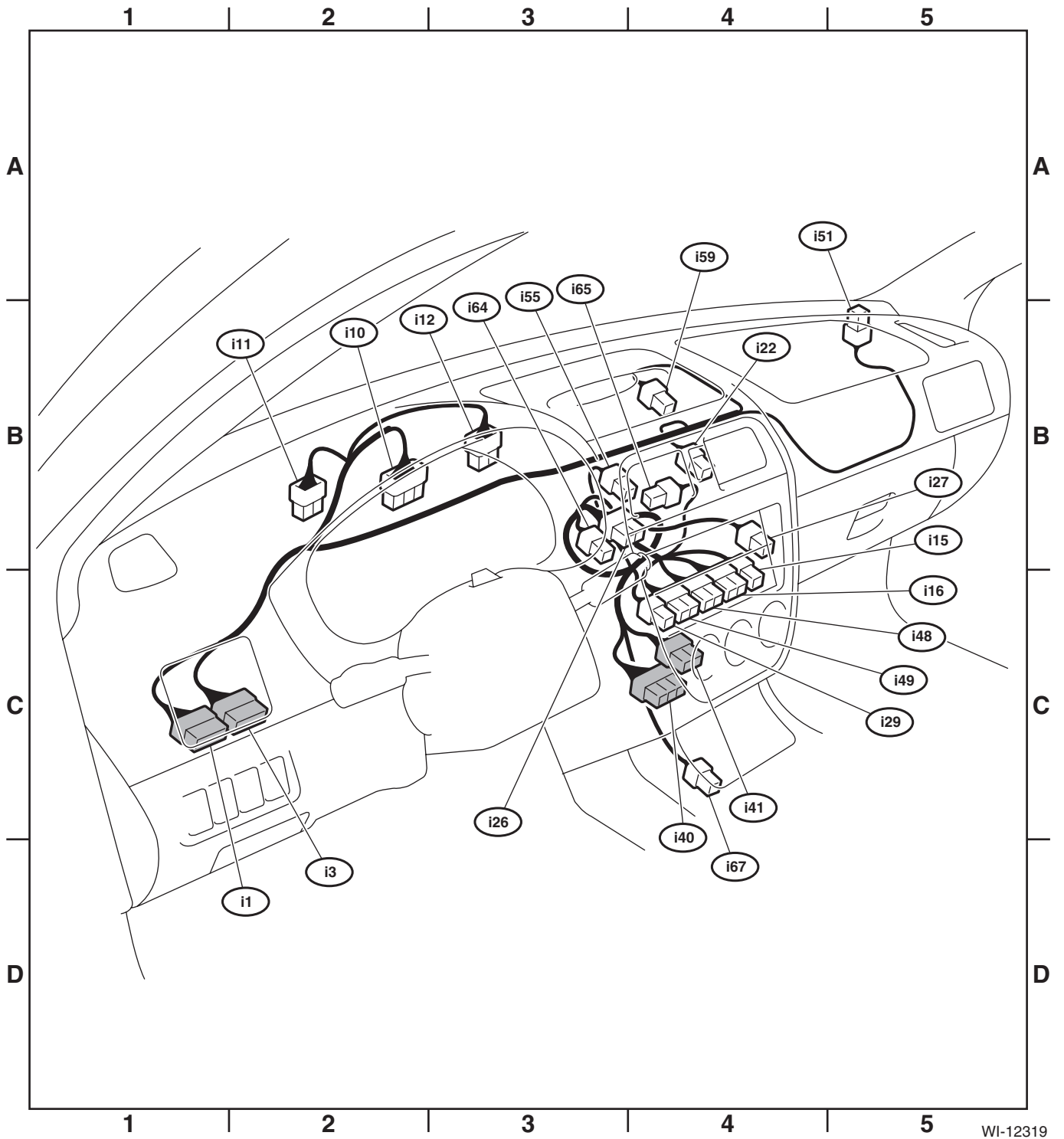
A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
i1	24	★	C-1	B36	Bulkhead wiring harness
i3	32	★	C-1	B38	
i10	30	Green	B-2		Combination meter
i11	10	Green	B-2		
i12	14	Green	B-3		
i15	6	★	C-4		Blower fan switch (Manual A/C)
i16	12	★	C-4		Manual A/C control module
i22	8	★	B-4		Hazard switch
i26	14	★	B-3		Audio
i27	2	★	B-4		CD player illumination light
i29	1	Black	C-4		Audio bracket earth
i40	24	Black	C-4	B201	Bulkhead wiring harness
i41	24	★	C-4	B202	Bulkhead wiring harness (Auto A/C)
i41	20	★	C-4	B202	Bulkhead wiring harness (Manual A/C)
i48	16	Gray	C-4		Auto A/C control module
i49	20	Gray	C-4		
i51	2	★	B-5		Sunload sensor
i55	2	★	B-3		In-vehicle sensor
i59	10	Green	B-4		Clock
i64	8	Black	B-3		Audio (with woofer, without AUX terminal)
		★	B-3		Audio (with woofer and AUX terminal)
i65	6	Black	B-4		Air mix actuator (Auto A/C)
i67	6	★	C-4		AUX terminal box

★ : White or natural color

Instrument Panel Wiring Harness

WIRING SYSTEM



WI-12319

Rear Wiring Harness

WIRING SYSTEM

59.Rear Wiring Harness

A: LOCATION

• Rear wiring harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R1	8	Black	B-2	B97	Bulkhead wiring harness
R2	12	★	B-2	B98	Bulkhead wiring harness (without TPMS)
	20	★	B-2	B98	Bulkhead wiring harness (with TPMS)
R3	24	★	B-2	B99	Bulkhead wiring harness
R4	1	Black	B-3		Parking brake switch
R8	2	★	C-4		Seat belt switch (without power seat)
R15	12	★	B-3	R57	Fuel tank cord
R22	3	★	B-5		Rear door switch LH
R41	4	Blue	B-2		Seat heater RH
R42	4	★	B-3		Seat heater switch RH
R43	4	Blue	B-3		Seat heater switch LH
R72	2	★	B-3		Rear ABS wheel speed sensor RH
R73	2	★	C-4		Rear ABS wheel speed sensor LH
R146	2	★	B-3		Rear accessory power socket
R188	8	Black	C-3		Power seat & seat heater and seat belt switch (with power seat)
R189	6	★	C-3		Seat belt switch & seat heater (without power seat)

★ : White or natural color

• Bulkhead wiring harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B97	8	Black	B-2	R1	Rear wiring harness
B98	12	★	B-2	R2	Rear wiring harness (without TPMS)
	20	★	B-2	R2	Rear wiring harness (with TPMS)
B99	24	★	B-2	R3	Rear wiring harness
B266	8	★	B-2	D28	Rear door cord RH
B267	3	★	C-4		Front door switch LH
B268	3	★	B-2		Front door switch RH
B270	8	★	C-4	D22	Rear door cord LH

★ : White or natural color

• Roof cord

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R50	8	★	B-1	B90	Bulkhead wiring harness
R52	3	★	A-3		Room light
R55	2	★	B-2		Sunroof control unit and motor
R56	2	★	B-3		Spot map light
R139	3	★	B-2		Compass mirror

★ : White or natural color

Rear Wiring Harness

WIRING SYSTEM

• Fuel tank cord

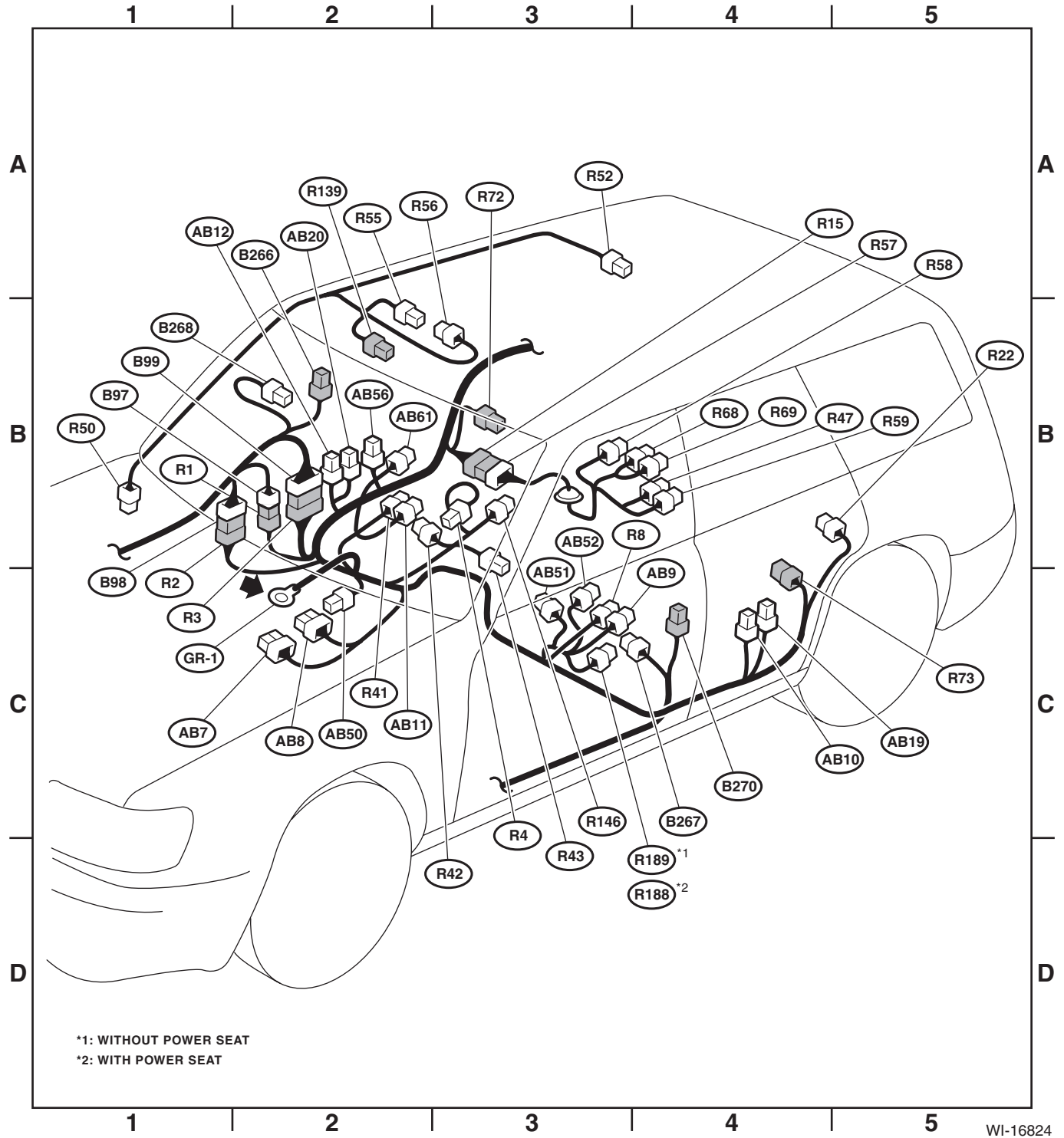
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R47	3	Black	B-4		Fuel tank pressure sensor
R57	12	★	B-3	R15	Rear wiring harness
R58	6	★	B-3		Fuel pump assembly
R59	2	★	B-4		Fuel gauge sub module
R68	2	Gray	B-4		Pressure control solenoid valve
R69	2	Black	B-4		Drain valve
★ : White or natural color					

• Airbag wiring harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB7	12	Yellow	C-2		Airbag control module
AB8	12	Yellow	C-2		
AB9	2	Yellow	C-3		Inflator (Side LH)
AB10	4	Yellow	C-4		Side airbag sensor LH
AB11	2	Yellow	B-2		Inflator (Side RH)
AB12	4	Yellow	B-2		Side airbag sensor RH
AB19	2	Black	C-4		ELR pretensioner LH
AB20	2	Black	B-2		ELR pretensioner RH
AB50	2	Yellow	C-2	B34	Bulkhead wiring harness
AB51	2	Yellow	C-3		Buckle switch
AB52	2	Yellow	C-3		Seat position sensor
AB56	3	Brown	B-2		Belt tension sensor
AB61	6	Gray	B-2	AB59	Airbag wiring harness

Rear Wiring Harness

WIRING SYSTEM



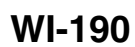
60.Door Cord

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
D1	25	★	C-2	B30	Bulkhead wiring harness
D2	2	★	C-3		Front door speaker LH
D3	2	Green	C-3		Front power window motor LH
D4	2	Black	C-3		Front door tweeter LH
D5	6	★	C-3		Outer mirror assembly LH (without outer mirror turn signal light, mirror heater)
	8	★	C-3		Outer mirror assembly LH (without outer mirror turn signal light, with mirror heater)
	8	★	C-3		Outer mirror assembly LH (with outer mirror turn signal light, without mirror heater)
	10	★	C-3		Outer mirror assembly LH (with outer mirror turn signal light, mirror heater)
D7	16	★	C-4		Front power window main switch
D8	4	★	C-4		Front door lock actuator LH
D11	25	★	C-1	B101	Bulkhead wiring harness
D12	2	★	B-1		Front door speaker RH
D13	2	Green	B-2		Front power window motor RH
D14	2	Black	B-1		Front door tweeter RH
D15	6	★	B-1		Outer mirror assembly RH (without outer mirror turn signal light, mirror heater)
	8	★	B-1		Outer mirror assembly RH (without outer mirror turn signal light, with mirror heater)
	8	★	B-1		Outer mirror assembly RH (with outer mirror turn signal light, without mirror heater)
	10	★	B-1		Outer mirror assembly RH (with outer mirror turn signal light, mirror heater)
D17	8	★	B-2		Front power window sub-switch RH
D18	4	★	B-2		Front door lock actuator RH
D22	8	★	C-4	B270	Bulkhead wiring harness
D23	2	★	C-4		Rear door speaker LH
D24	2	Green	C-4		Rear power window motor LH
D25	8	★	B-4		Rear power window sub-switch LH
D26	4	★	B-5		Rear door lock actuator LH
D28	8	★	B-3	B266	Bulkhead wiring harness
D29	2	★	B-3		Rear door speaker RH
D30	2	Green	B-3		Rear power window motor RH
D31	8	★	B-3		Rear power window sub-switch RH
D32	4	★	B-3		Rear door lock actuator RH
D61	10	★	C-3		Remote control mirror switch
D62	5	★	B-2		Front door sub-switch

★ : White or natural color

WIRING SYSTEM



61.Rear Wiring Harness and Rear Gate Cord

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R16	3	★	C-5		Rear door switch RH
R26	6	★	C-4		Rear combination light RH
R28	6	★	C-1		Rear combination light LH
R32	2	★	C-4		Rear accessory power socket
R38	4	★	C-4	D33	Rear gate cord
R39	8	★	C-4	D34	
R79	6	★	C-3		Trailer connector
R97	1	★	B-2		Antenna amplifier
R116	8	★	C-4		Rear wiper intermittent unit
R117	2	Black	C-2		Woofer
R122	6	★	C-4		Fuel pump control unit (Turbo model)
R147	5	★	C-4		Joint ground connector
R211	12	Black	C-4		TPM Control module

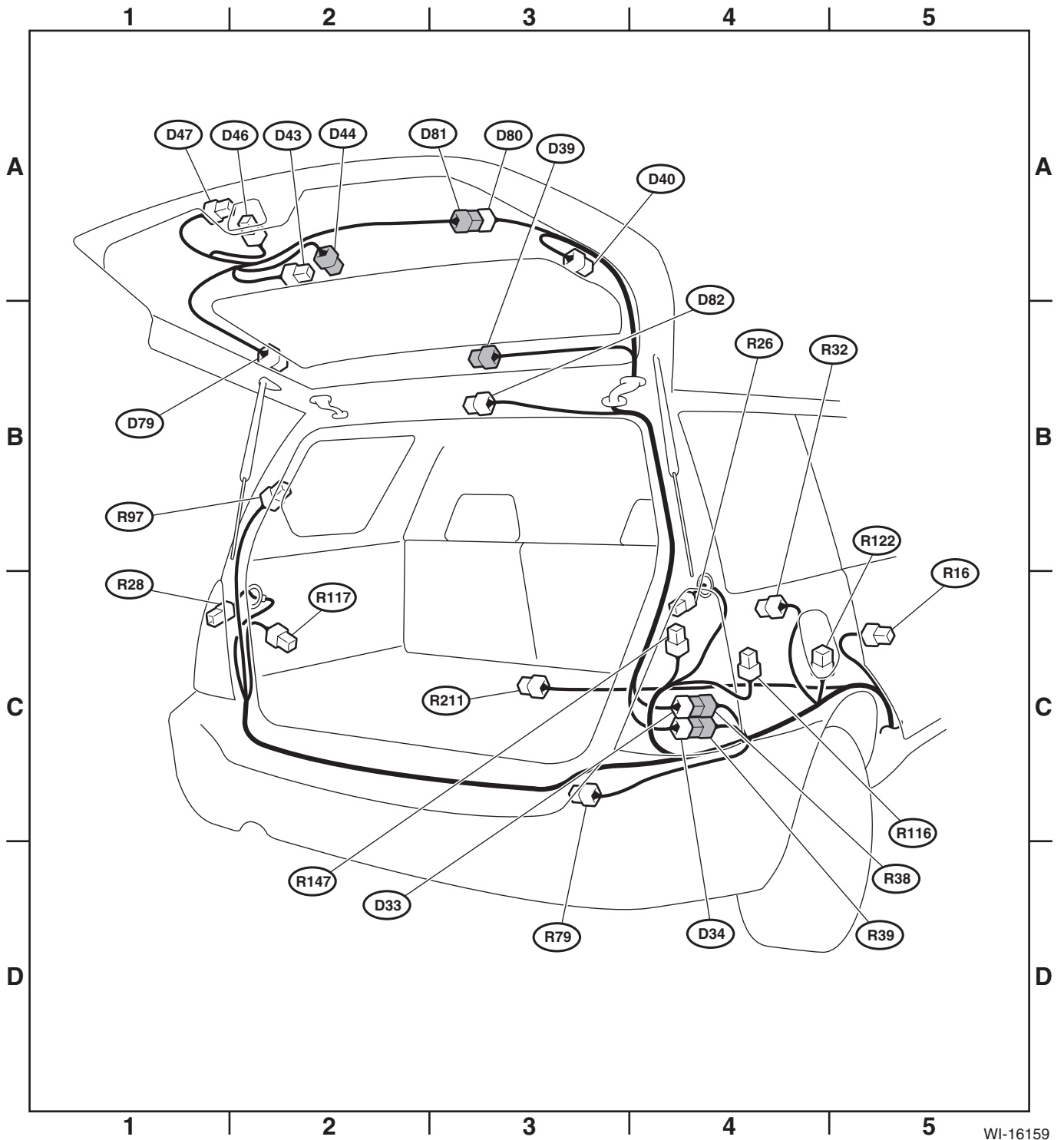
★ : White or natural color

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
D33	4	★	C-4	R38	Rear wiring harness
D34	8	★	C-4	R39	
D39	2	Black	B-3		High-mounted stop light
D40	1	Black	A-3		Rear defogger
D43	4	★	A-2		Rear wiper motor
D44	2	★	A-2		License plate light
D46	2	Black	A-2		Rear gate latch switch
D47	4	★	A-1		Rear gate lock actuator
D79	1	Black	B-2		Rear defogger
D80	8	Black	A-3	D81	Rear gate cord
D81	8	Black	A-3	D80	
D82	3	★	B-3		Luggage room light

★ : White or natural color

Rear Wiring Harness and Rear Gate Cord

WIRING SYSTEM

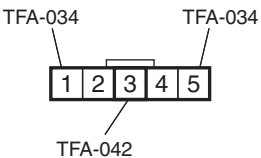
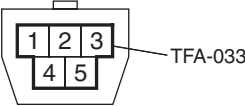
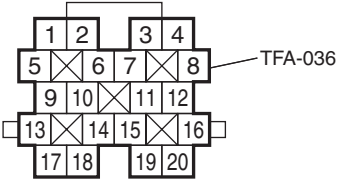
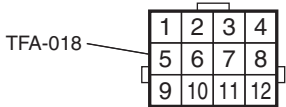


WI-16159

62.Harness Repair Kit

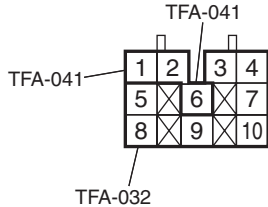
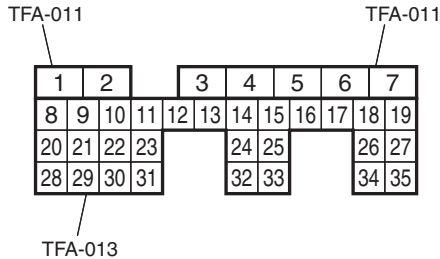
A: SPECIFICATION

1. ADAPTATION TABLE

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B3	 WI-06087	1, 2, 4, 5	TFA-034
		3	TFA-042
B8	 WI-04676	ALL	TFA-033
B11	 WI-04677	ALL	TFA-036
B12	 WI-04679	ALL	TFA-018

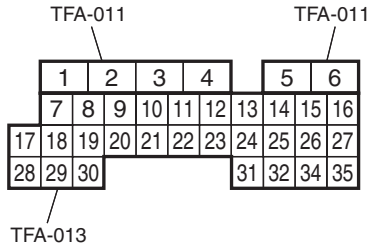
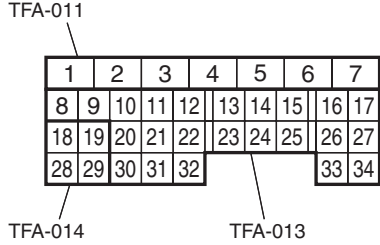
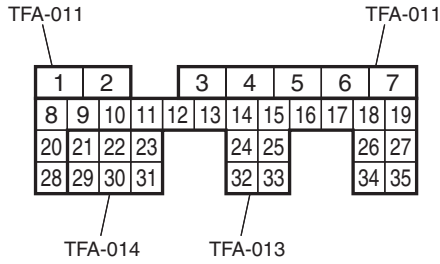
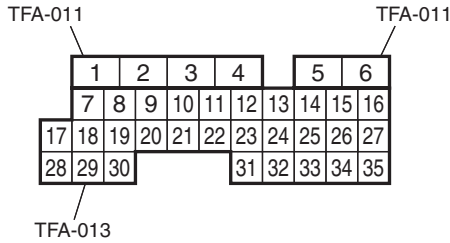
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B17 (Non-turbo MT model)	 WI-06088	ALL	TFA-019
B17 (Turbo MT model)	 WI-06089	ALL	TFA-019
B18	 WI-06090	1, 2	TFA-033
		3, 4	TFA-026
B20 (Turbo model)	 WI-11568	1, 2, 6	TFA-041
		3 — 5, 7 — 10	TFA-032
B54	 WI-11570	1 — 7	TFA-011
		8 — 35	TFA-013

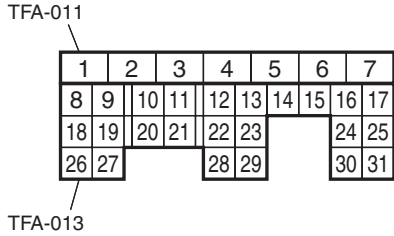
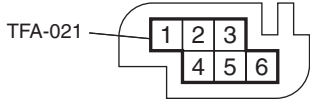
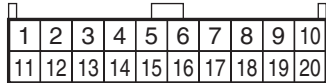
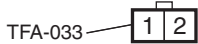
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B55	 WI-11569	1 — 6	TFA-011
		7 — 35	TFA-013
B128 (Turbo MT model)	 WI-06096	ALL	TFA-018
B134	 WI-11571	1 — 7	TFA-011
		8 — 17, 20 — 27, 30 — 34	TFA-013
		18, 19, 28, 29	TFA-014
B135	 WI-11572	1-7	TFA-011
		8 — 20, 24 — 28, 32 — 35	TFA-013
		21 — 23, 29 — 31	TFA-014
B136	 WI-11573	1 — 6	TFA-011
		7 — 35	TFA-013

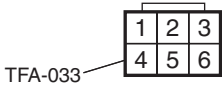
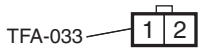
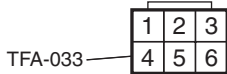
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B137	 WI-04697	1 — 7	TFA-011
		8 — 31	TFA-013
B230 (Model with VDC)	 WI-04700	ALL	TFA-021
B281	 WI-11574	ALL	TFA-016
B292 (Model without VDC)	 WI-06101	ALL	TFA-012
B305	 WI-04717	ALL	TFA-033

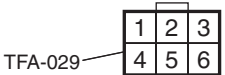
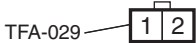
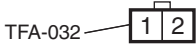
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
F7	 TFA-033 WI-11576	ALL	TFA-033
F19	 TFA-033 WI-04717	ALL	TFA-033
F23	 TFA-033 WI-12200	ALL	TFA-033
F24	 TFA-018 WI-06103	ALL	TFA-018
F26	 TFA-032 WI-06104	ALL	TFA-032

Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
F102	 WI-06109	ALL	TFA-018
R47	 WI-06088	ALL	TFA-019
R58	 WI-11578	ALL	TFA-029
R59	 WI-06095	ALL	TFA-029
R68	 WI-06110	ALL	TFA-032