

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.

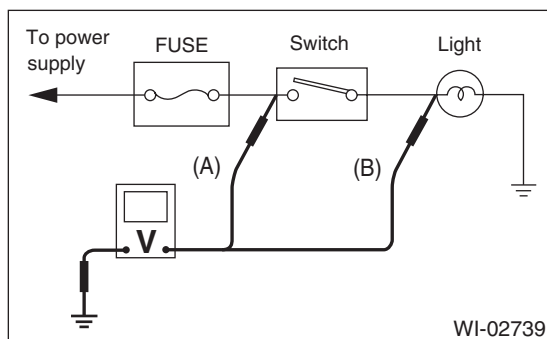
5. SYSTEM OPERATION CHECK

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 to ON. The voltmeter will indicate a voltage and, at the same time, the light will come on.

- 5) The circuit is in good order. If a problem such as a light failing to illuminate occurs, use the procedures outlined above to track down the malfunction.

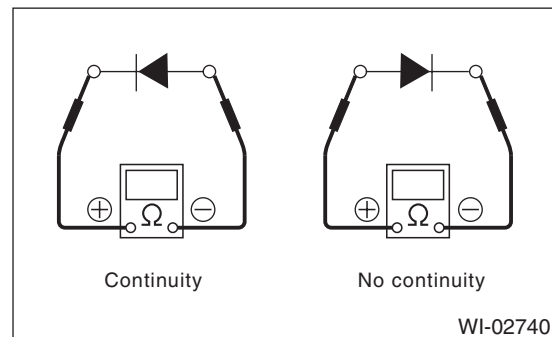
2. CIRCUIT CONTINUITY CHECKS

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

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

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

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



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

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

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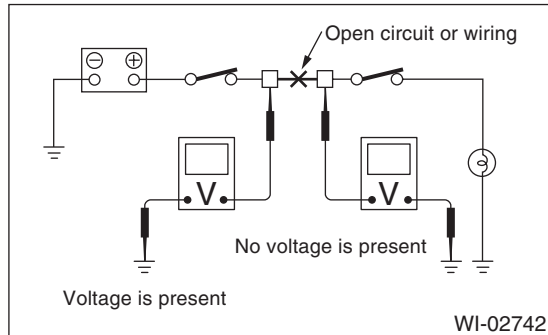
Basic Diagnostic Procedure

WIRING SYSTEM

3. HOW TO DETERMINE AN OPEN CIRCUIT

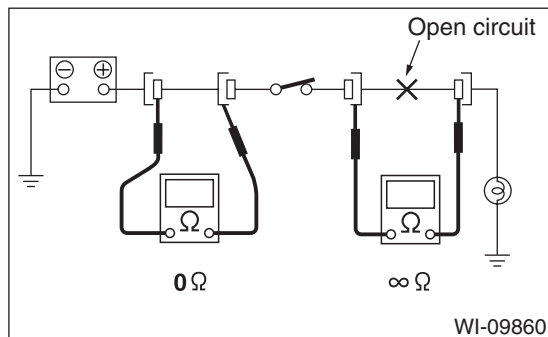
1) WITH VOLTMETER:

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



2) WITH OHMMETER:

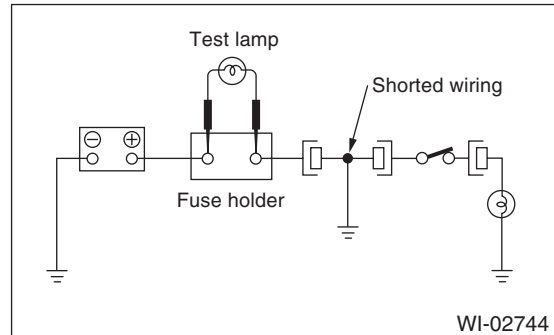
Disconnect all connectors affected, and check continuity in the wiring between adjacent connectors. When the ohmmeter indicates "infinite", the wiring is open.



4. HOW TO DETERMINE A SHORT CIRCUIT

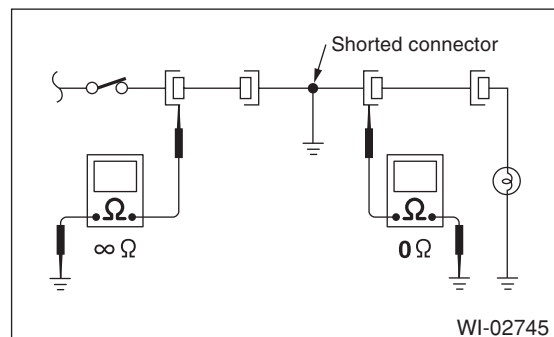
1) WITH TEST LIGHT:

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



2) WITH OHMMETER:

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



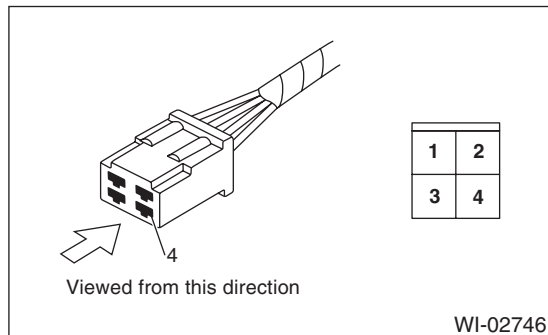
C: HOW TO READ WIRING DIAGRAMS

1. WIRING DIAGRAM

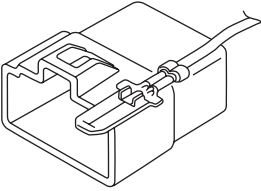
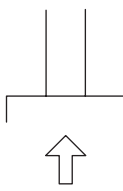
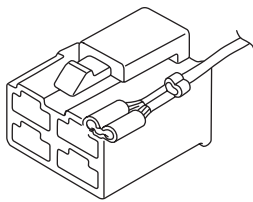
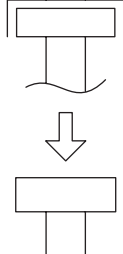
The wiring diagram of each system is illustrated so that you can understand the path through which the electric current flows from the battery.

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

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



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

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

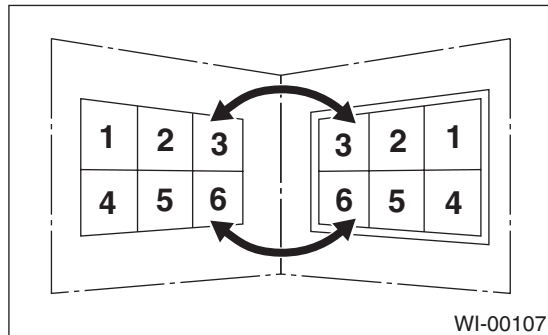
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WIRING SYSTEM

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



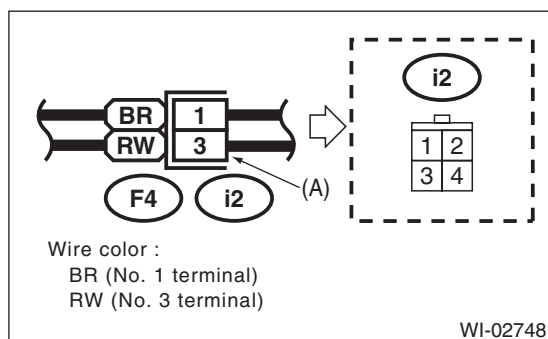
• WIRING DIAGRAM:

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

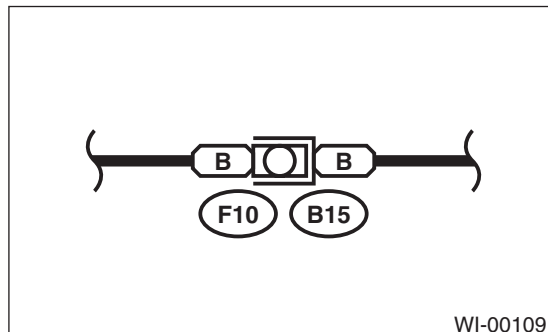
- The sketch of each connector in the wiring diagram usually shows the (A) side of the connector. The relationship between the wire color, terminal number and connector is described in the figure.

NOTE:

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

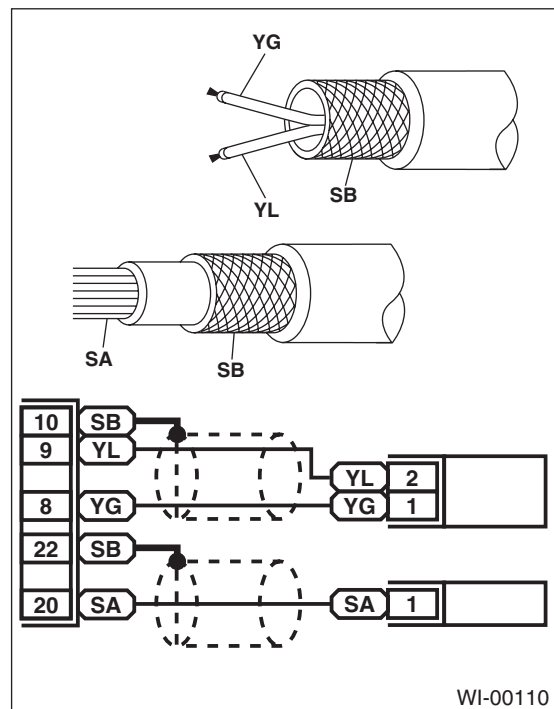


- In the wiring diagram, connectors which have no terminal number refer to one-pole types. Sketches of these connectors are omitted intentionally.

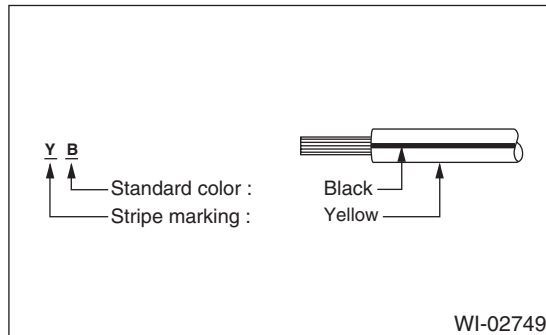


- The following color codes are used to indicate the colors of the wires.

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



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



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

CAUTION:

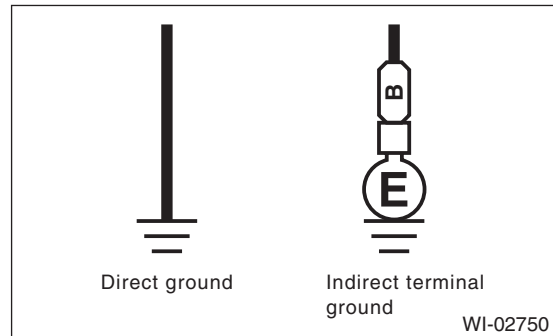
When replacing or repairing a wire, be sure to use the same size and type of the wire which was originally used.

NOTE:

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

Nominal sectional area mm ²	Number of wires/ Diameter of a wire	Outside diameter of wiring mm	Allowable current Amps/ 40°C (104°F)
0.3	7/0.26	1.8	7
0.5	7/0.32	2.2 (or 2.0)	12
0.75	30/0.18	2.6 (or 2.4)	16
0.85	11/0.32	2.4 (or 2.2)	16
1.25	16/0.32	2.7 (or 2.5)	21
2	26/0.32	3.1 (or 2.9)	28
3	41/0.32	3.8 (or 3.6)	38
5	65/0.32	4.6 (or 4.4)	51
8	50/0.45	5.5	67

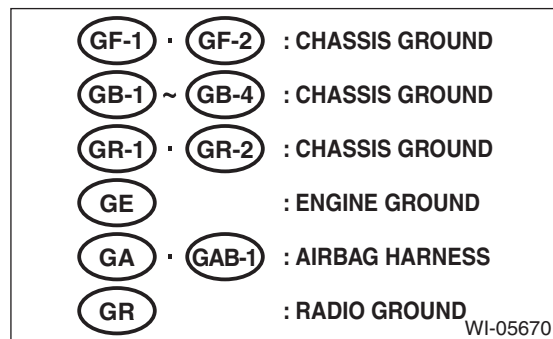
- Each unit is either directly grounded to the body or indirectly grounds through a harness ground terminal. Different symbols are used in the wiring diagram to identify the two grounding systems.



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

NOTE:

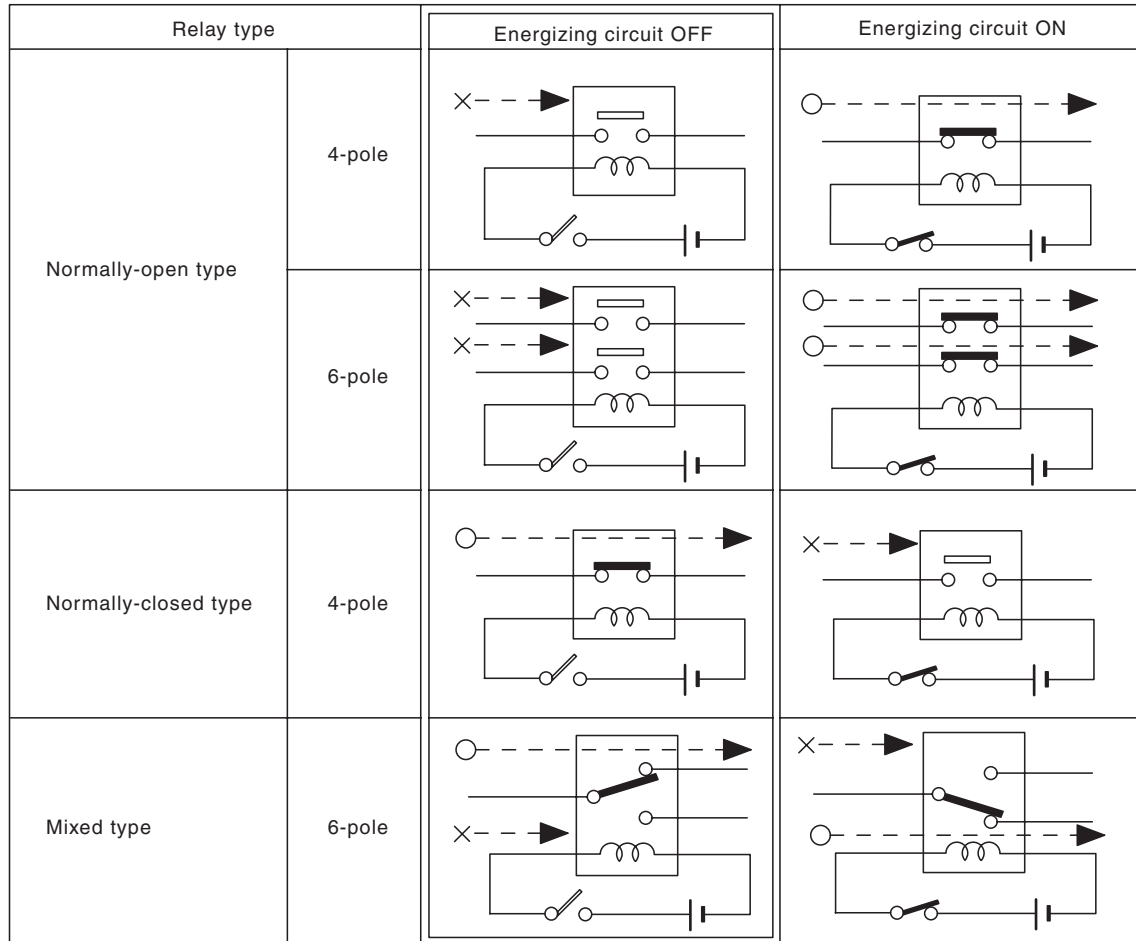
All wiring harnesses are provided with a ground point which should be securely connected.



Basic Diagnostic Procedure

WIRING SYSTEM

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



Key to symbols:

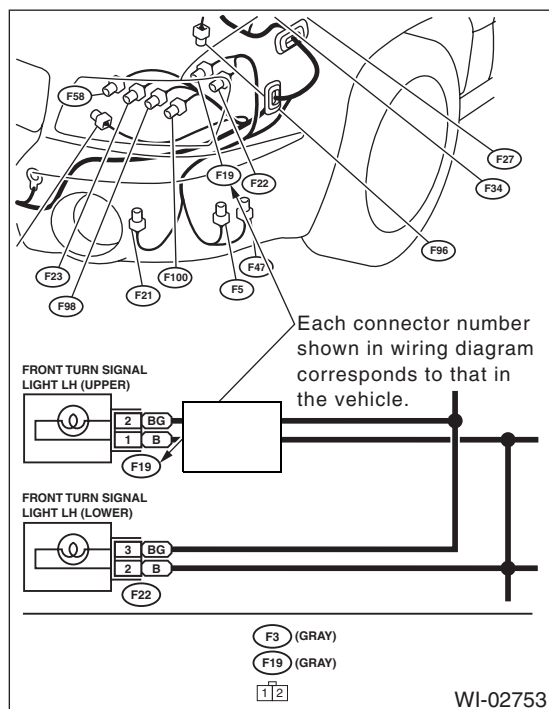
○ —▶ : Current flows.

× —▶ : Current does not flow.

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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

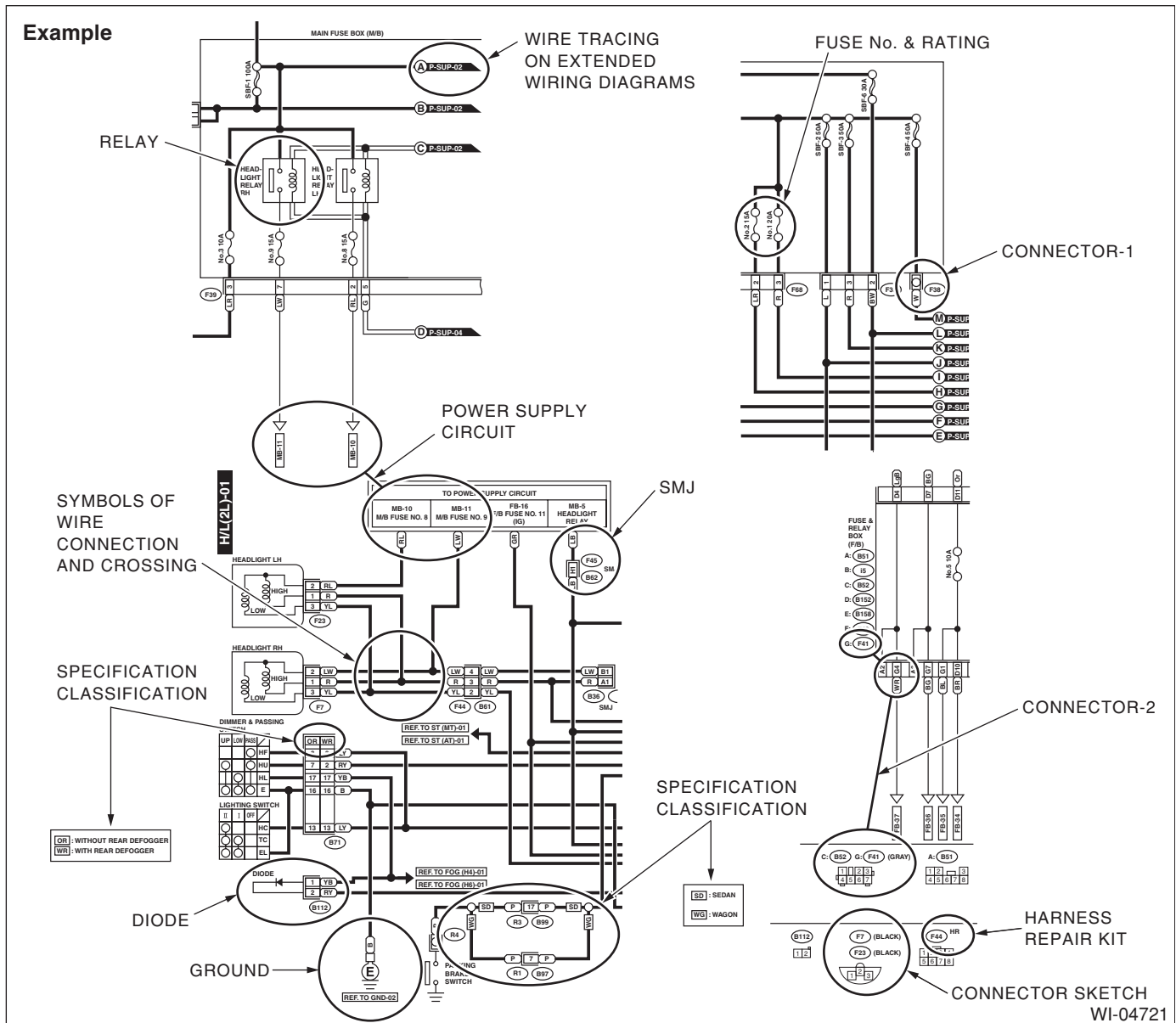


Basic Diagnostic Procedure

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

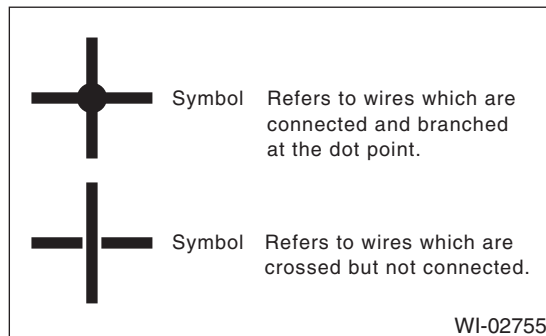
A symbol is used to indicate a diode.

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 next.

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

10.SYMBOLS OF WIRE CONNECTION AND CROSSING



11.POWER SUPPLY CIRCUIT

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

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

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

12.CLASSIFICATION BY SPECIFICATION

- When the wiring diagram differ according to vehicle specifications, the specification difference is described by using abbreviations.
- For V.I.N., refer to the ID section. <Ref. to ID-2, IDENTIFICATION NUMBER & LABEL LOCATIONS, IDENTIFICATION, Identification.>

13.HARNESS REPAIR KIT

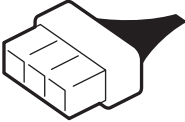
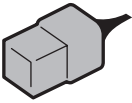
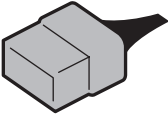
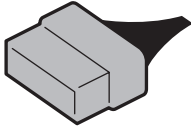
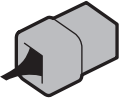
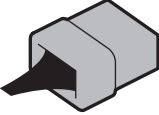
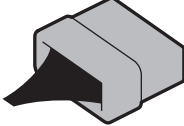
The connector adapting to Harness repair kit is shown as “HR” in the right-upper of connector number. Refer to “Harness Repair Kit” for harness repair kit. <Ref. to WI-197, SPECIFICATION, Harness Repair Kit.>

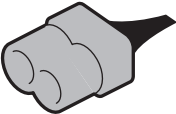
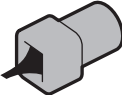
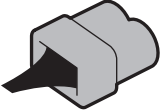
Basic Diagnostic Procedure

WIRING SYSTEM

E: CONNECTOR SYMBOL IN WIRING HARNESS

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

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

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

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F: ABBREVIATION IN WIRING DIAGRAMS

Abbr.	Full name
A/B	Airbag
A/C	Air Conditioner
A/F	Air/Fuel (Air fuel ratio sensor)
ABS	Anti-lock Brake System
ABSCM	Anti-lock Brake System Control Module
ACC	Accessory
AT	Automatic Transmission
ATF	Automatic Transmission Fluid
AVCS	Active Valve Control System
AWD	All Wheel Drive
B	Battery
CAN	Controller Area Network
COM	Computer
CPC	Canister Purge Control
CPU	Central Processing Unit
D	Drive range or Down
E	Ground
EBD	Electric Brake Distribution
ECM	Engine Control Module
EEPROM	Electronically 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
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
P	Parking Range
PASS	Passing
R	Reverse Range

Abbr.	Full name
RECIRC	Recirculation
RH	Right Hand
RL	Rear Left
RLD	Rear Left Down
RLU	Rear Left Up
RR	Rear Right
SBF	Slow Blow Fuse
ST	Starter
TCM	AT Control Module
TGV	Tumble Generator Valve
U	Up
VDC	Vehicle Dynamics Control
VDCCM	Vehicle Dynamics Control Module
VDCH/U	Vehicle Dynamics Control Hydraulic Unit
WASH	Washer

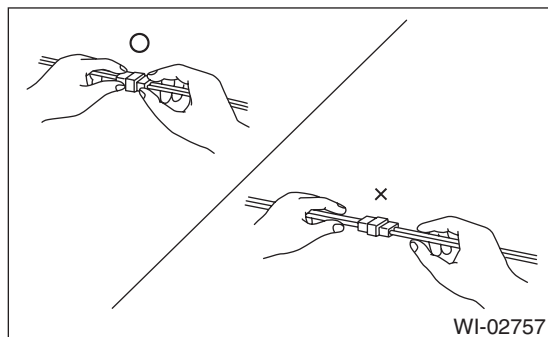
2. Working Precautions

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

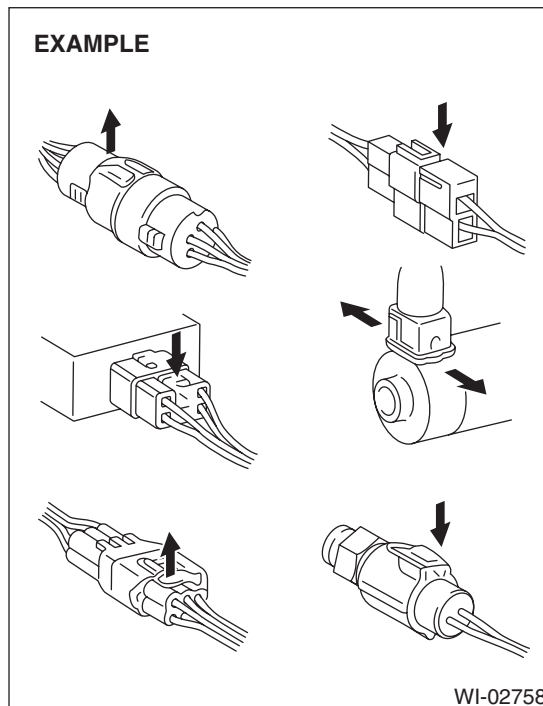
- 1) When working under a vehicle which is jacked-up, always be sure to use rigid rack.
- 2) The parking brake must always be applied during working. Also, in automatic transmission vehicles, keep the select lever set to the P (Parking) range.
- 3) Be sure the workshop is properly ventilated when running the engine. Further, be careful not to touch the belt or fan while the engine is operating.
- 4) Be careful not to touch hot metal parts, especially the radiator and exhaust system immediately after the engine has been turned off.

B: PRECAUTIONS IN TROUBLE DIAGNOSIS AND REPAIR OF ELECTRIC PARTS

- 1) The battery cable must be disconnected from the battery's (-) terminal, and the ignition switch must be set to the OFF position, unless otherwise required by the diagnostics.
- 2) Securely fasten the harness with clamps and clips so that the wiring 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.

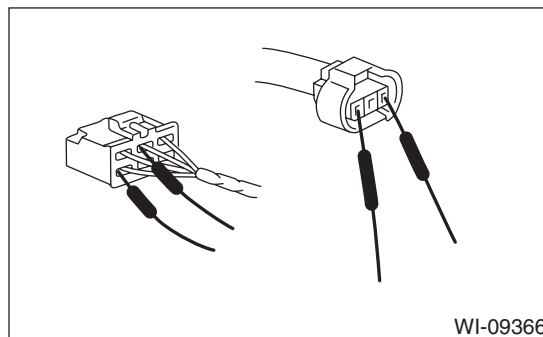


- 5) Some connectors are provided with a lock. One type of such a connector is disconnected by pushing the lock, and the other, by moving the lock up. In either type the lock shape must be identified before attempting to disconnect the connector. To connect, insert the connector until it snaps and confirm 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 measurable from the wiring side), contact test probes on the terminal side, paying attention not to bend or damage the terminal.

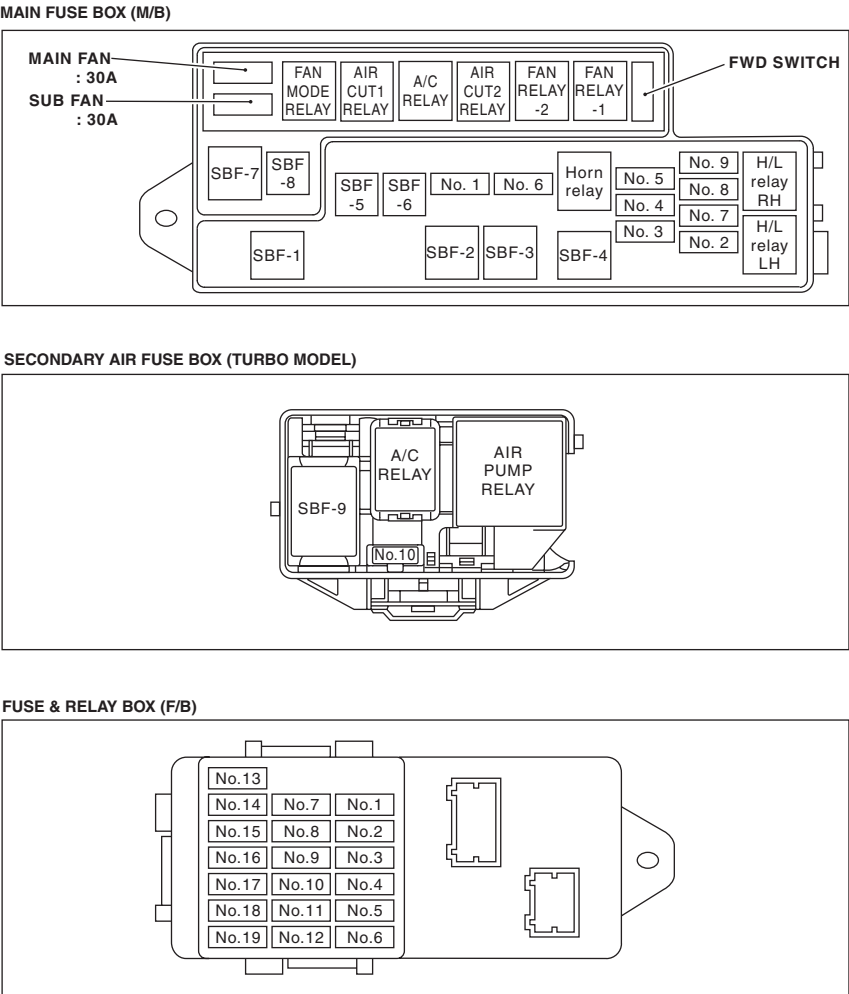


- 7) Sensors, relays, electrical unit, etc., are sensitive to strong impacts. Handle them with care so that they are not dropped or mishandled.

3. Power Supply Circuit
A: WIRING DIAGRAM

P-SUP-01

P-SUP-01

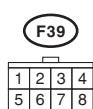
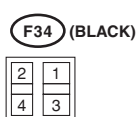
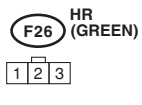
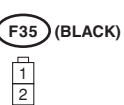
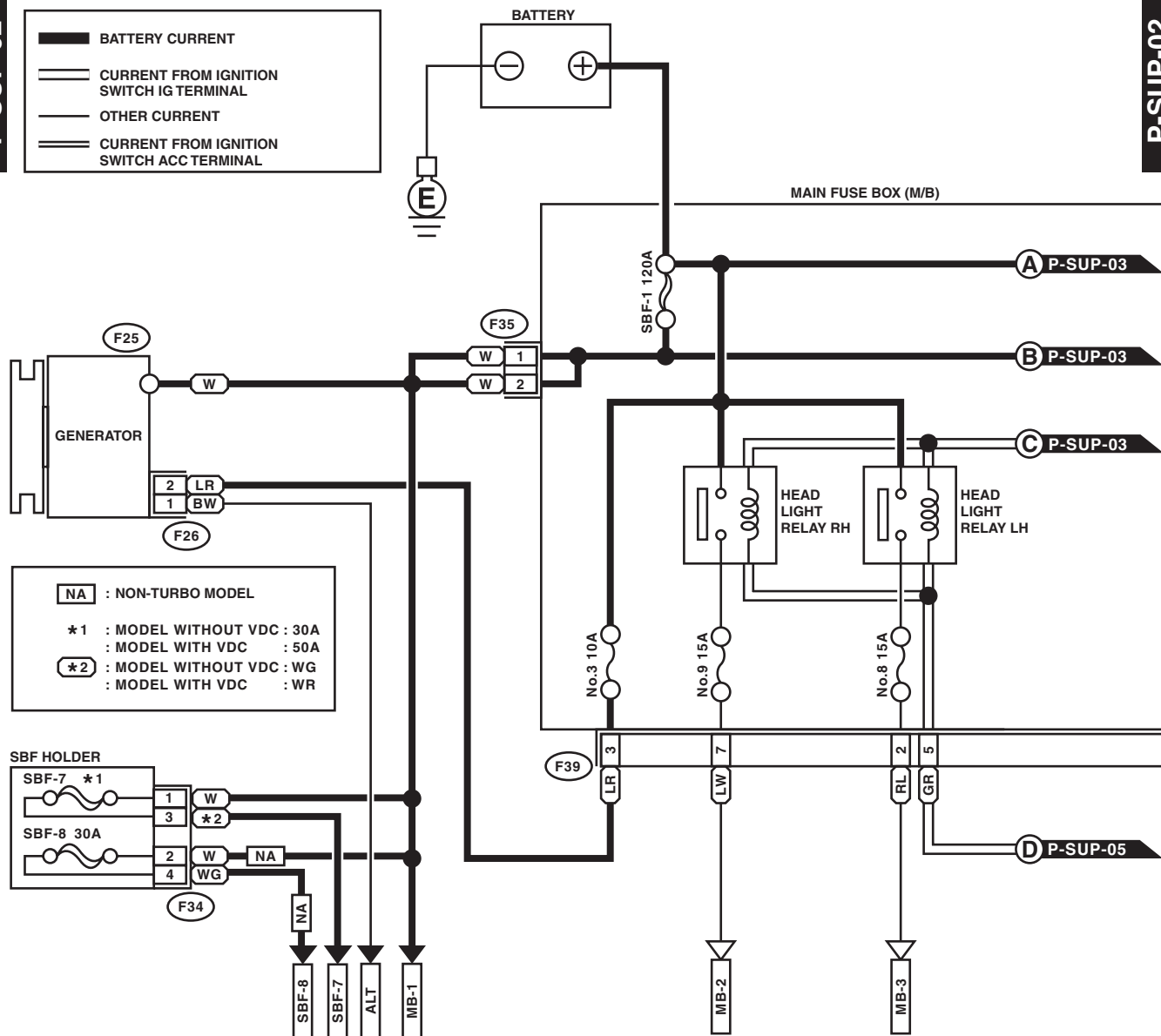
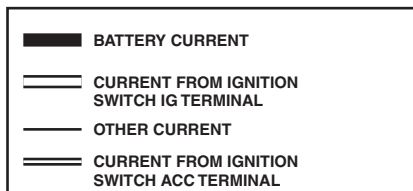


Power Supply Circuit

WIRING SYSTEM

P-SUP-02

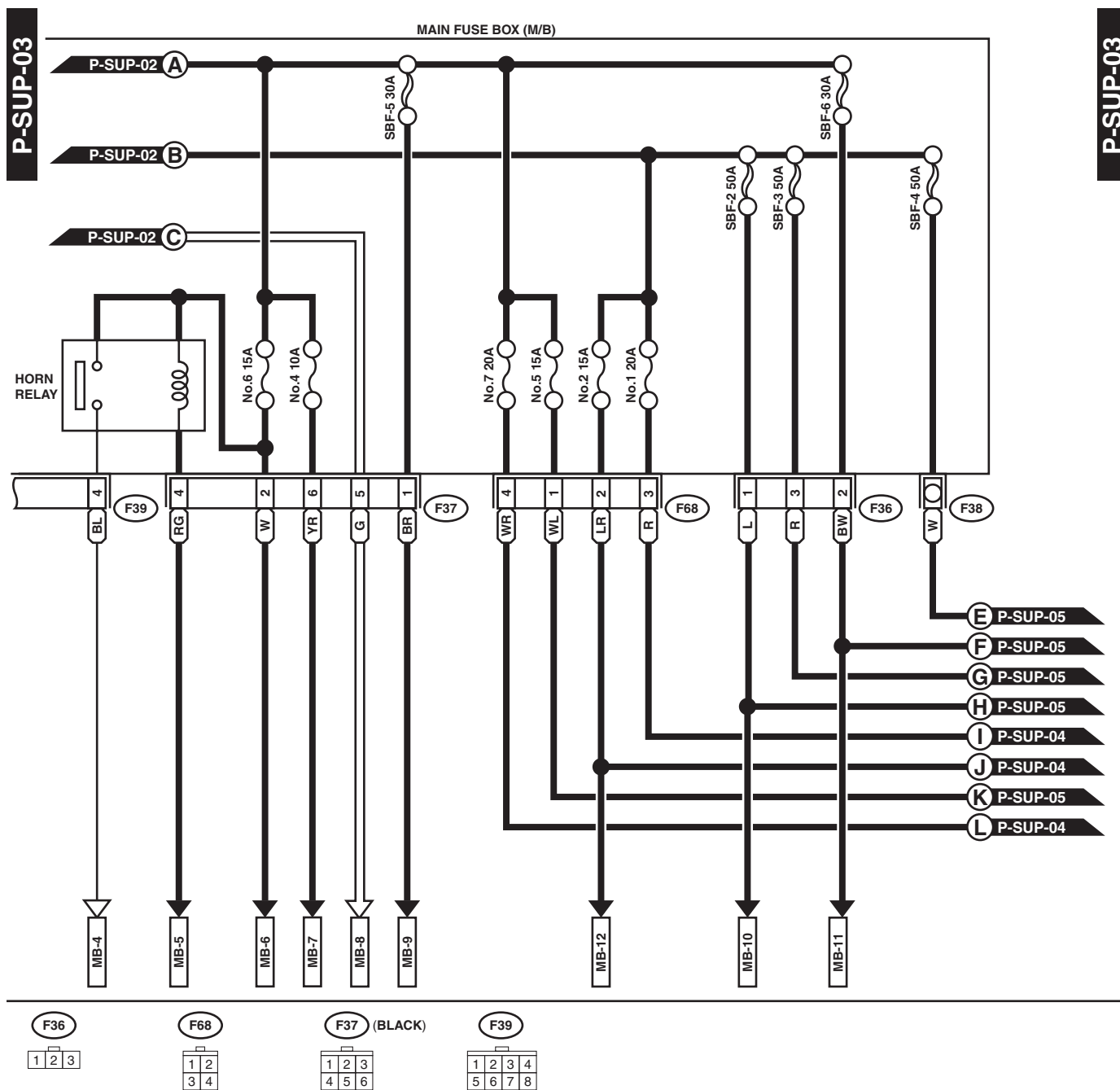
P-SUP-02



WI-11579

Power Supply Circuit

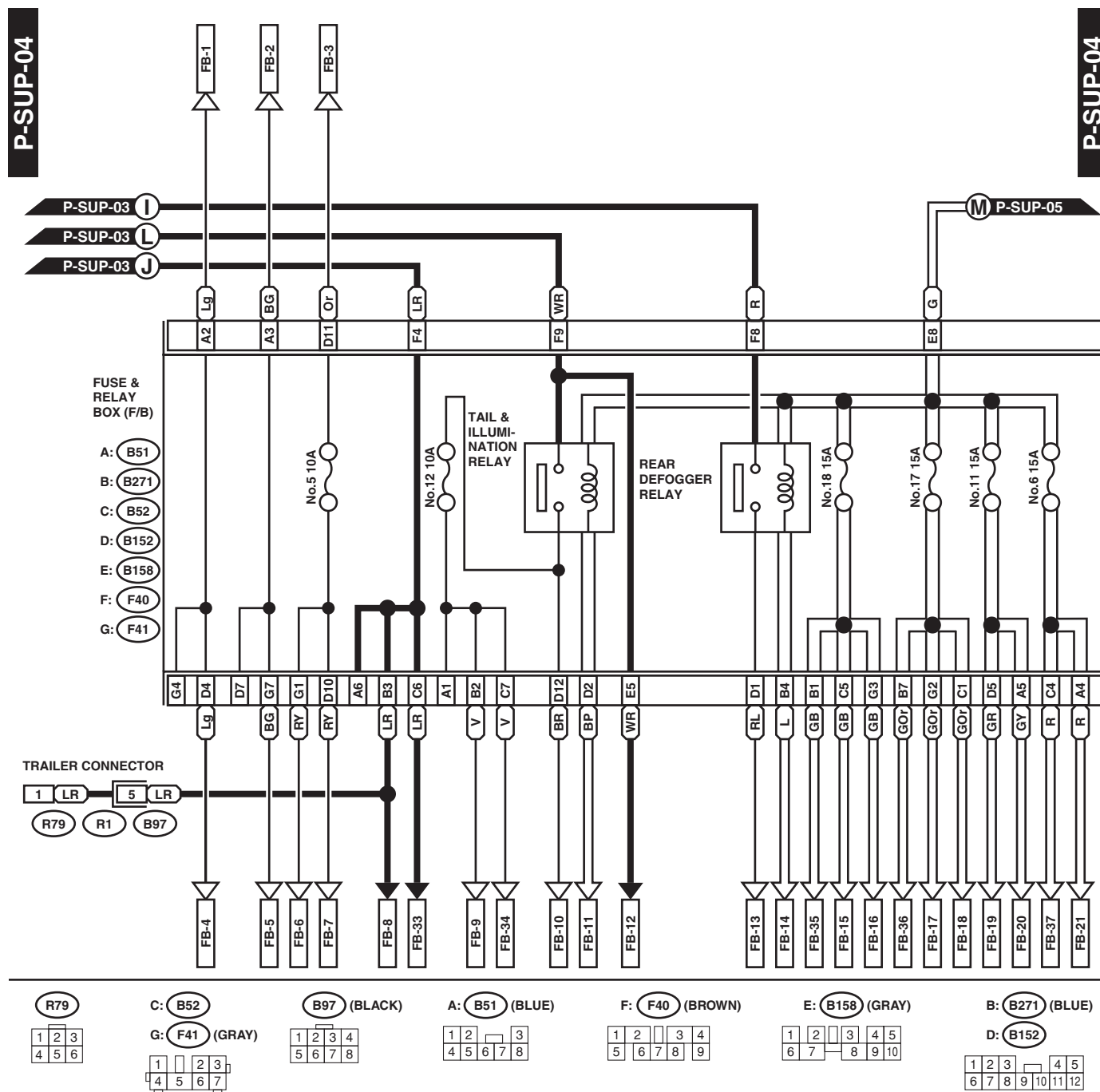
WIRING SYSTEM



WI-08466

Power Supply Circuit

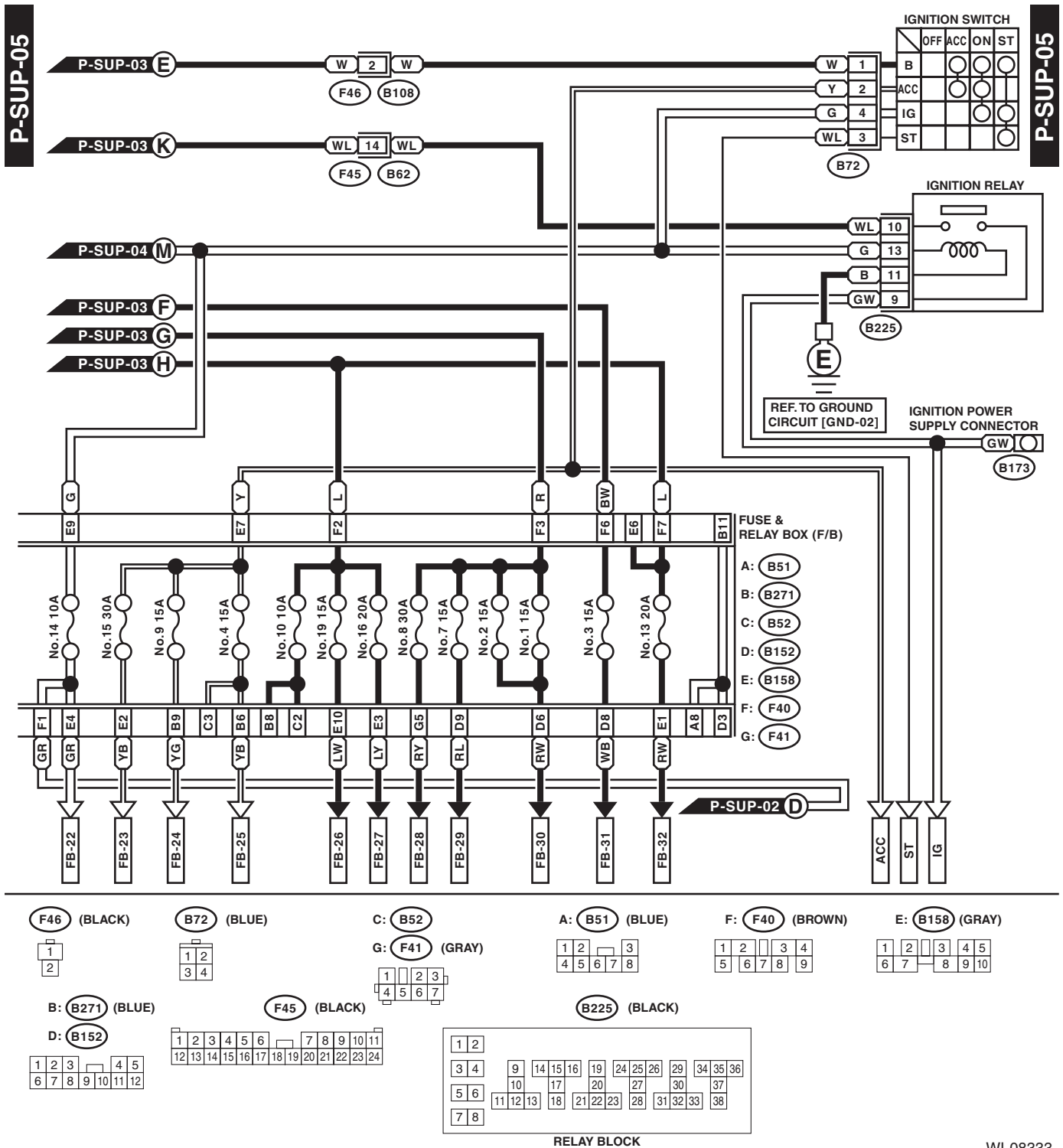
WIRING SYSTEM



WI-10662

Power Supply Circuit

WIRING SYSTEM



WI-08333

Power Supply Circuit

WIRING SYSTEM

No.	Load
MB-1	A/C relay holder (fuse) Secondary air relay holder (fuse)
MB-2	Combination meter Headlight RH
MB-3	Headlight LH
MB-4	Horn
MB-5	Horn switch Keyless entry control module Security horn relay
MB-6	Hazard switch Keyless entry control module Key warning switch
MB-7	Transmission control module
MB-8	Daytime running light control module Diode (Daytime running light) HID diode
MB-9	Data link connector Engine control module Fuel pump relay Main relay Electronic throttle control relay Immobilizer Control Module 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 hydraulic unit
SBF-8	A/F Oxygen sensor relay
ALT	Combination meter
ACC	Fuse (Rear wiper)
IG	Data link connector Hazard switch Power window relay Vehicle speed sensor (MT model)
ST	Interrupt relay
FB-1	Combination meter
FB-2	Hazard switch Keyless entry control module Rear turn signal light LH Trailer connector Turn signal switch Turn signal light
FB-3	Parking switch Daytime running light relay HID relay
FB-4	Brake fluid level warning switch
FB-5	Front turn signal light LH
FB-6	Front clearance light LH Front clearance light RH Headlight beam leveler LH Headlight beam leveler RH Side marker light LH

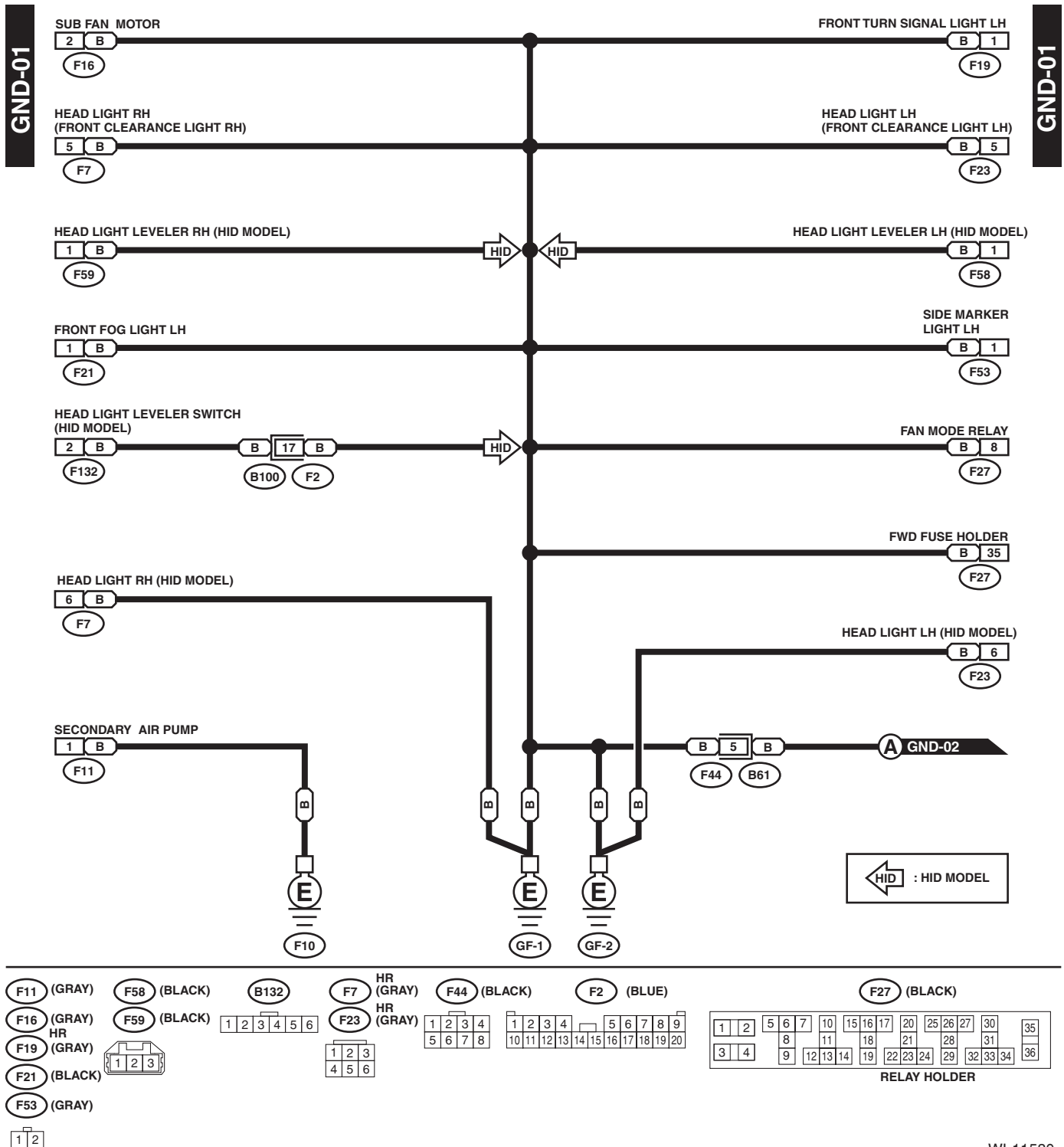
No.	Load
FB-7	License plate light Side marker light RH Rear combination light LH Rear combination light RH Trailer connector Headlight beam leveler switch
FB-8	Clock Auto A/C control module Combination meter Audio Room light Spot map light Body integrated unit Luggage room light Key illumination
FB-9	Combination meter Illumination light
FB-10	Parking switch
FB-11	Engine control module 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	Body integrated unit Engine control module
FB-15	Back-up light switch (MT model) Daytime running light control module (Vehicles with V.I.N. before 733000) Daytime running light relay (Vehicles with V.I.N. before 733000) High-beam relay (Daytime running light) (Vehicles with V.I.N. before 733000) Inhibitor switch (AT model) Body integrated unit Keyless entry control module Stop light & brake switch Clutch switch (MT model) Impact sensor VDC control module ABS control module
FB-16	Fan Relay 1
FB-17	A/C relay Fan mode relay Fan Relay 2 A/C pressure switch
FB-18	Wiper deicer switch
FB-19	Engine control module Fuel pump relay Ignition coil No. 1 (Turbo model) Ignition coil No. 2 (Turbo model) Ignition coil No. 3 (Turbo model) Ignition coil No. 4 (Turbo model) Transmission control module Immobilizer Control Module
FB-20	Airbag control module

No.	Load
FB-21	Airbag control module Occupant detection unit (Vehicles after V.I.N. 733001)
FB-22	Combination meter Clock Daytime running light relay (Vehicles with V.I.N. before 733000) Daytime running light control module (Vehicles with V.I.N. after 733001) Daytime running light control module (Vehicles with V.I.N. after 733001) High beam relay (Vehicles after VIN 733001)
FB-23	Combination switch (Wiper) Front washer motor Front wiper motor
FB-24	Clock Compass mirror Audio
FB-25	Front accessory power supply socket Transmission control module Body integrated unit Remote control mirror switch Rear accessory relay Seat heater relay
FB-26	Rear accessory relay
FB-27	Stop light switch
FB-28	ABS control module VDC hydraulic unit
FB-29	Front fog light relay
FB-30	Blower fan relay
FB-31	Body integrated unit Keyless entry control module Occupant detection unit (Vehicles before V.I.N. 733000)
FB-32	Wiper deicer & Mirror heater relay
FB-34	Body integrated unit Illumination light Clock
FB-35	Wiper deicer & Mirror heater relay
FB-36	Blower fan relay A/C pressure switch Intake actuator Auto A/C control module Manual A/C control module
FB-37	Occupant detection unit (Vehicles after V.I.N. 733001)

WIRING SYSTEM

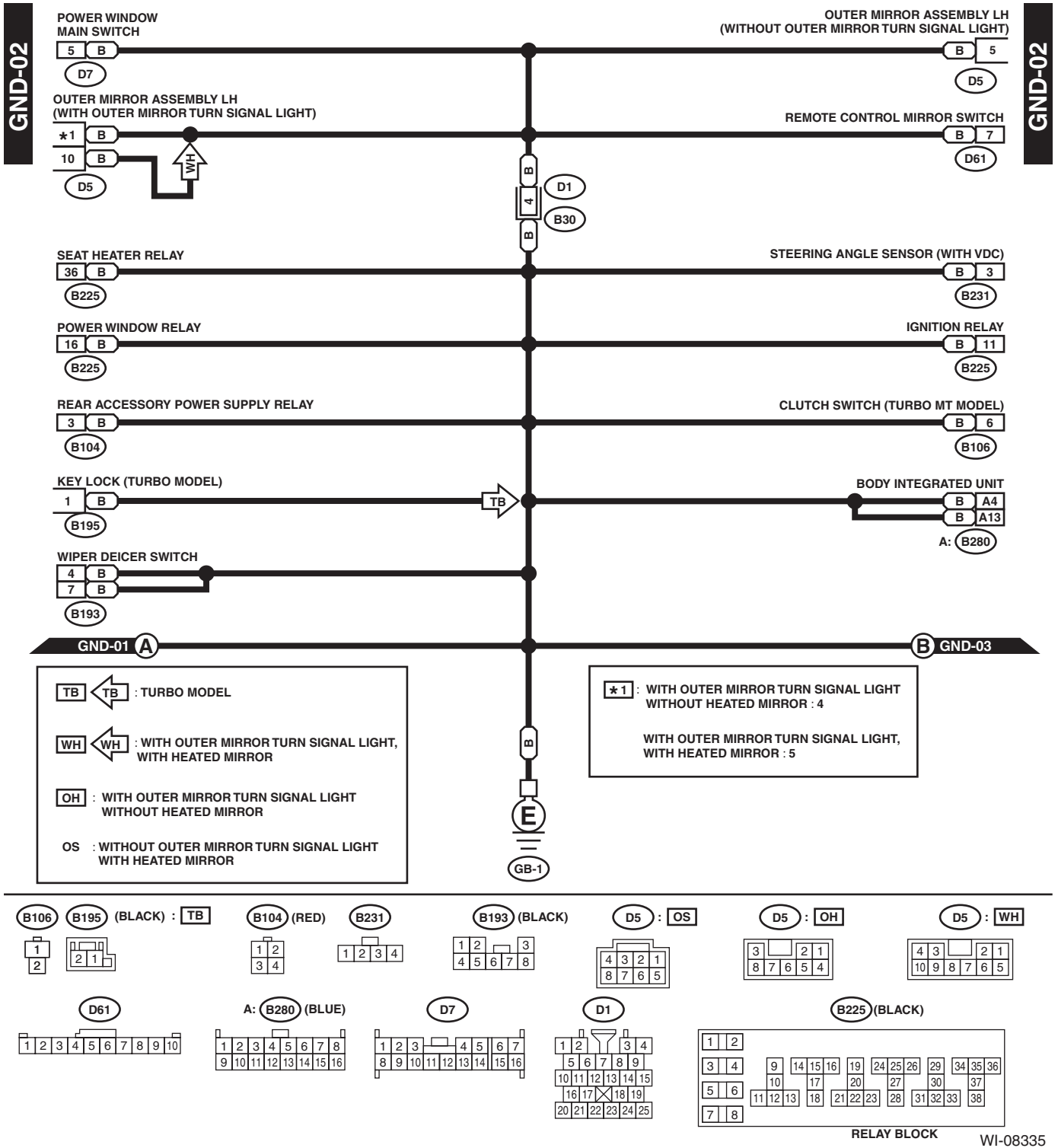
4. Ground Circuit

A: WIRING DIAGRAM



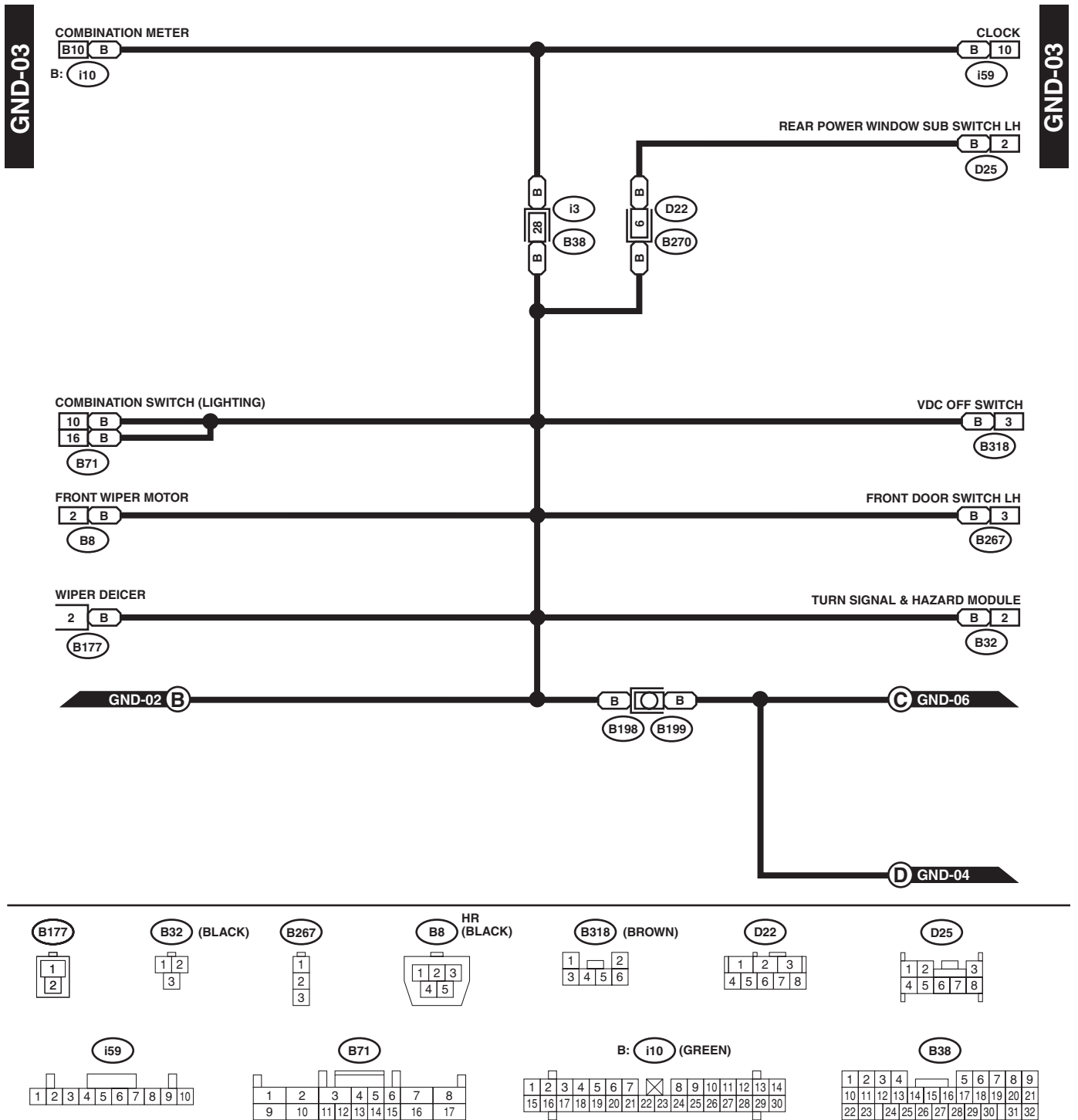
Ground Circuit

WIRING SYSTEM



Ground Circuit

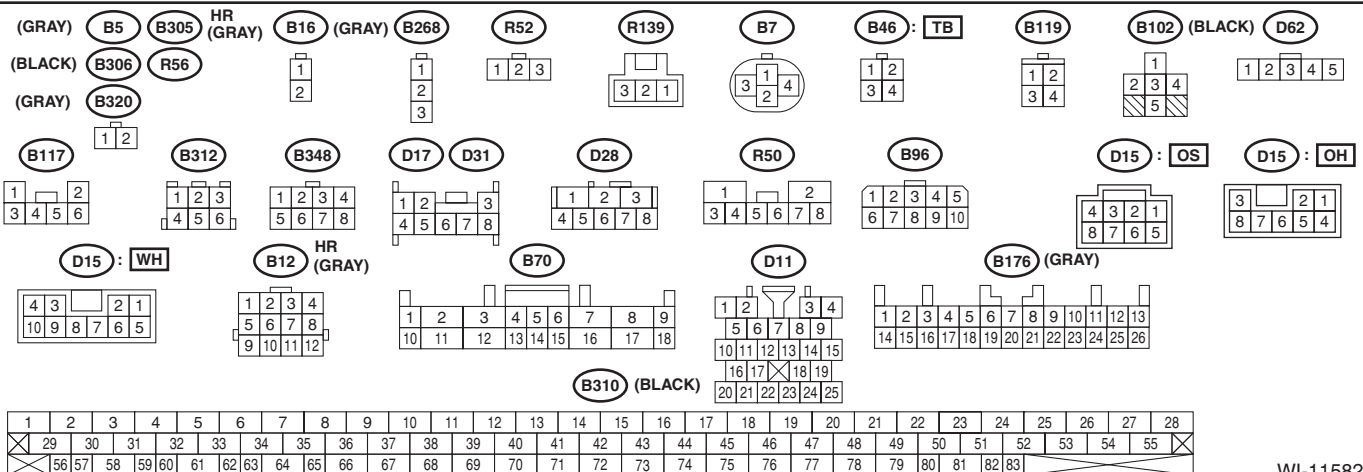
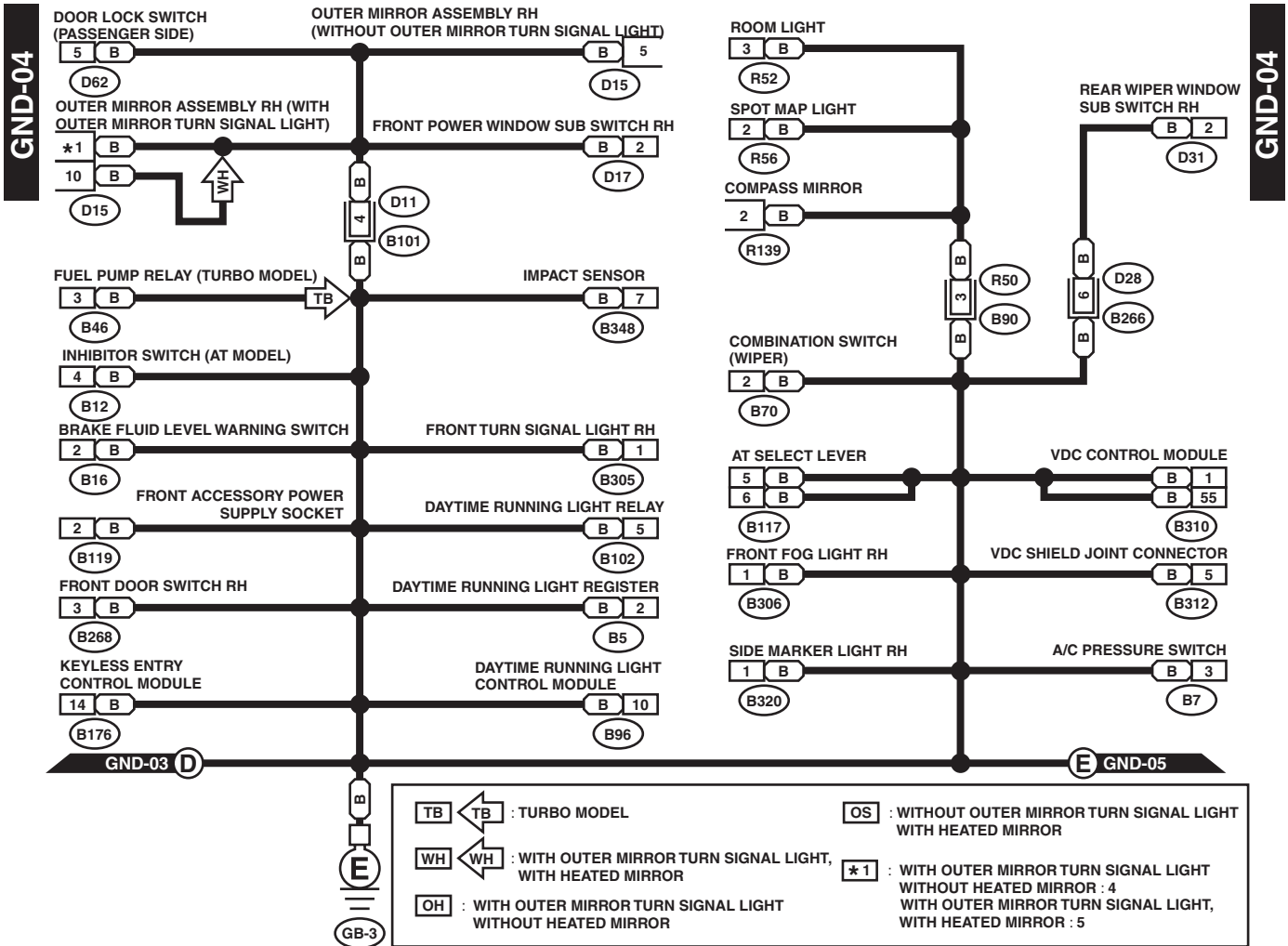
WIRING SYSTEM



WI-11581

Ground Circuit

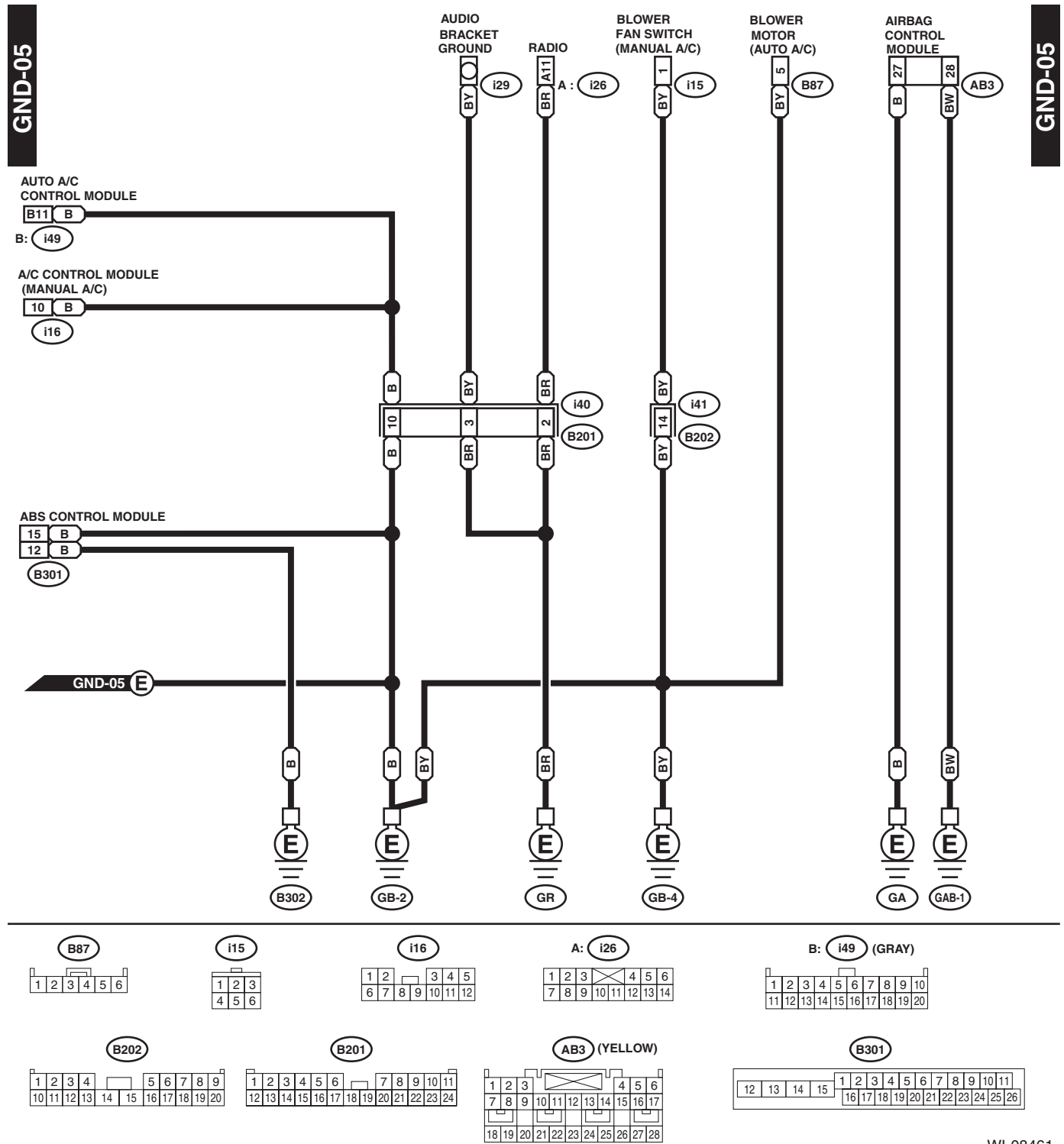
WIRING SYSTEM



WI-11582

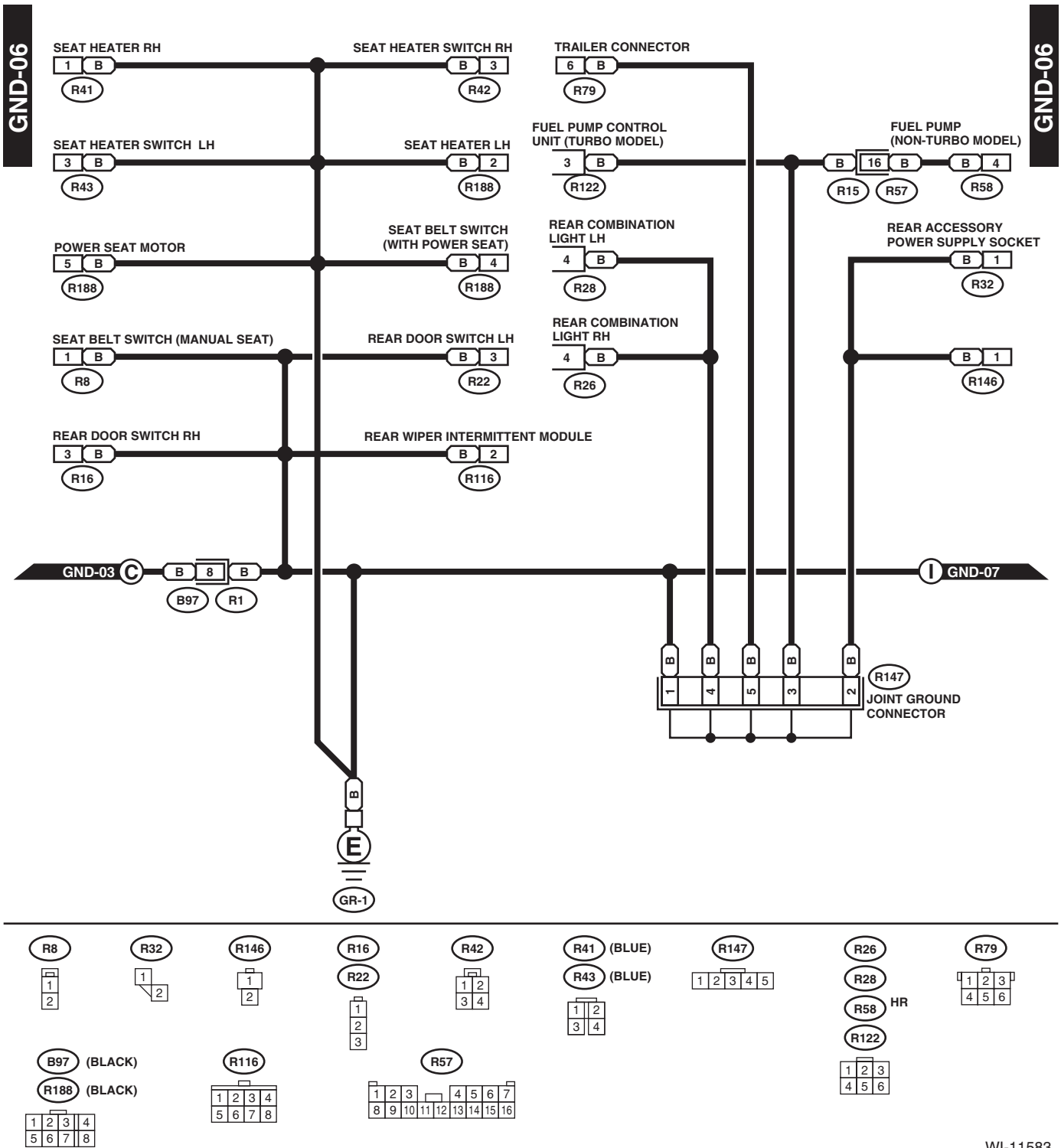
Ground Circuit

WIRING SYSTEM



Ground Circuit

WIRING SYSTEM



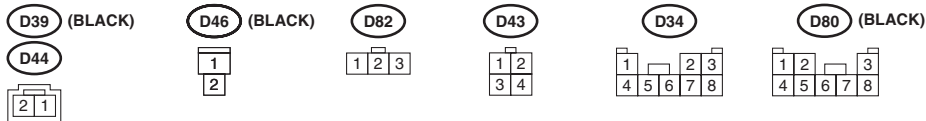
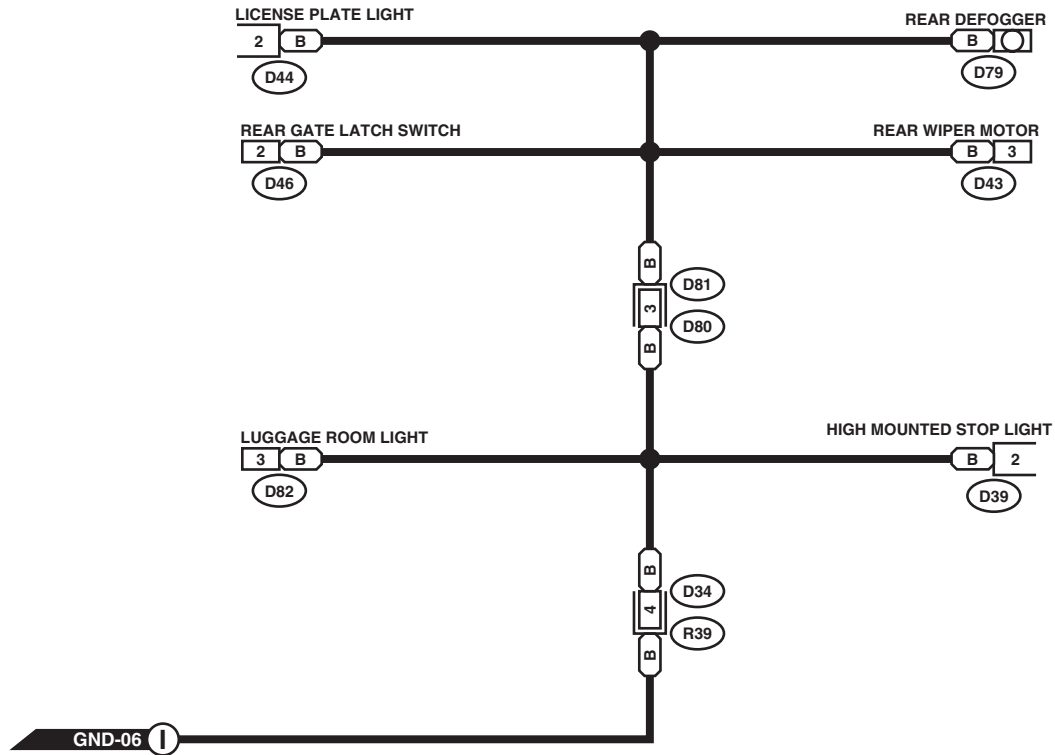
WI-11583

Ground Circuit

WIRING SYSTEM

GND-07

GND-07



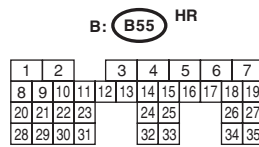
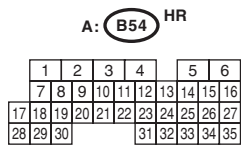
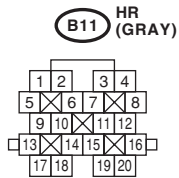
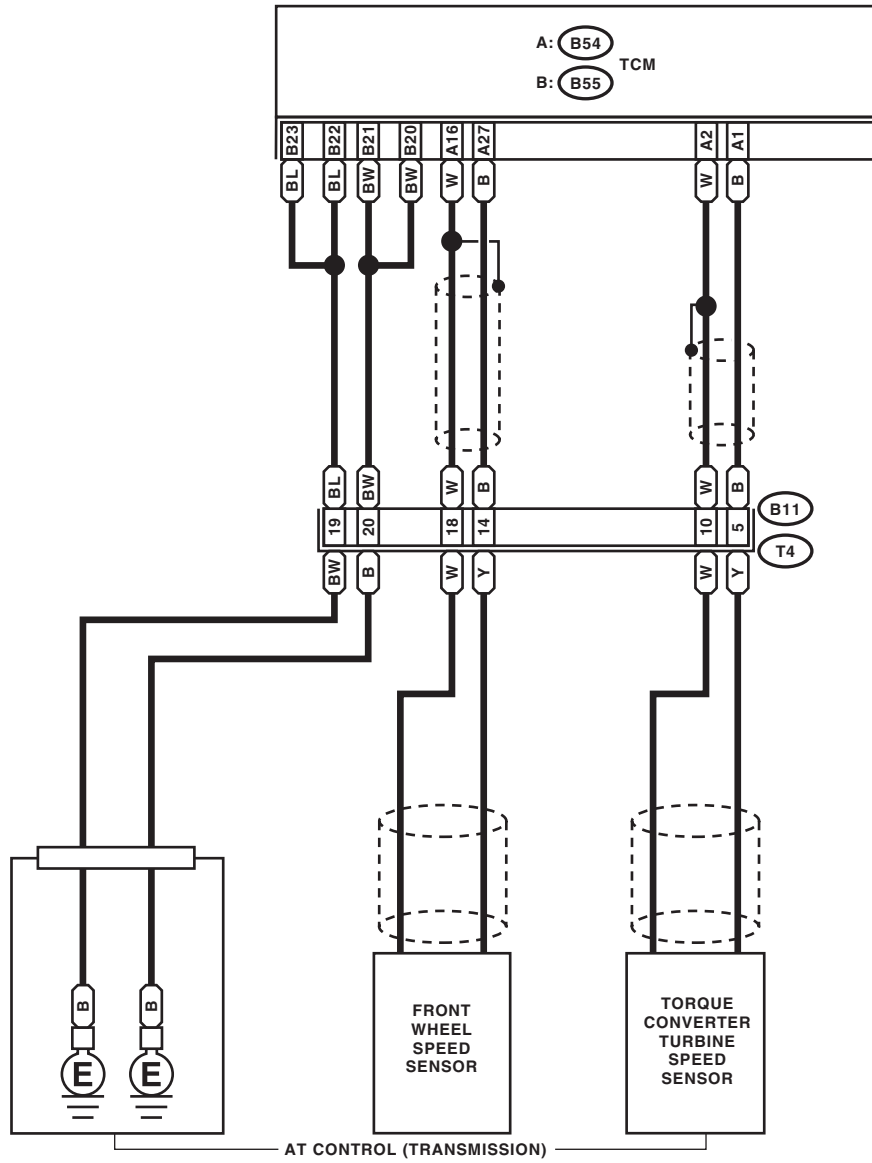
WI-08339

Ground Circuit

WIRING SYSTEM

GND-08

GND-08



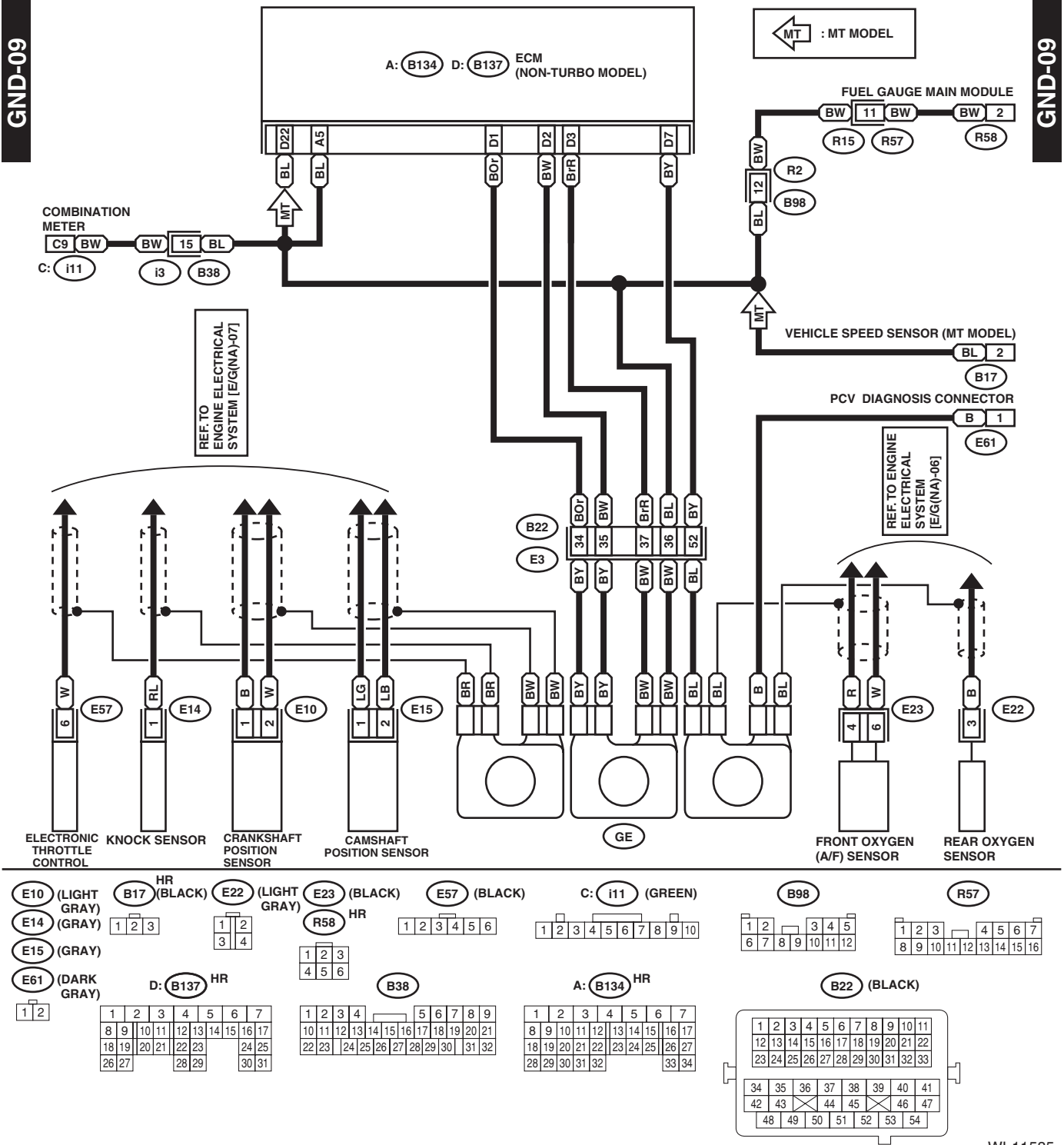
WI-11584

Ground Circuit

WIRING SYSTEM

GND-09

GND-09



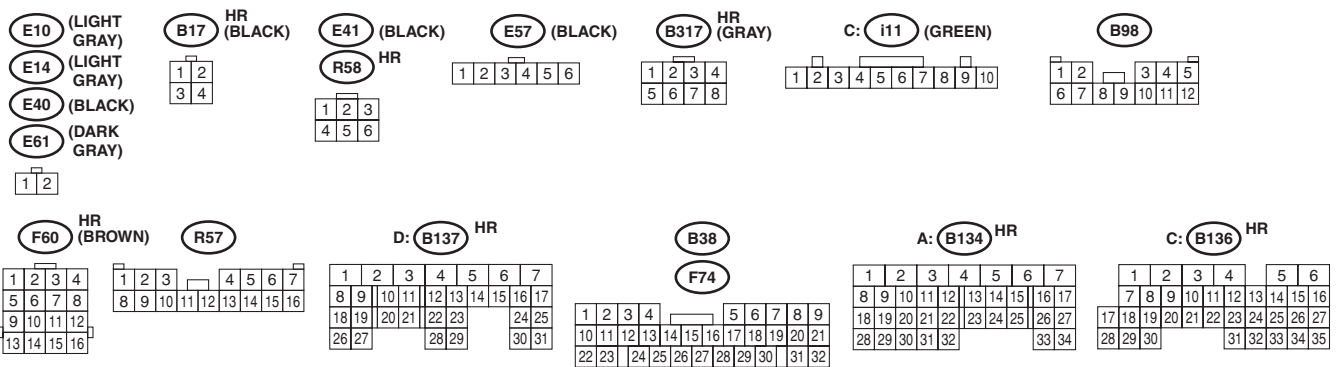
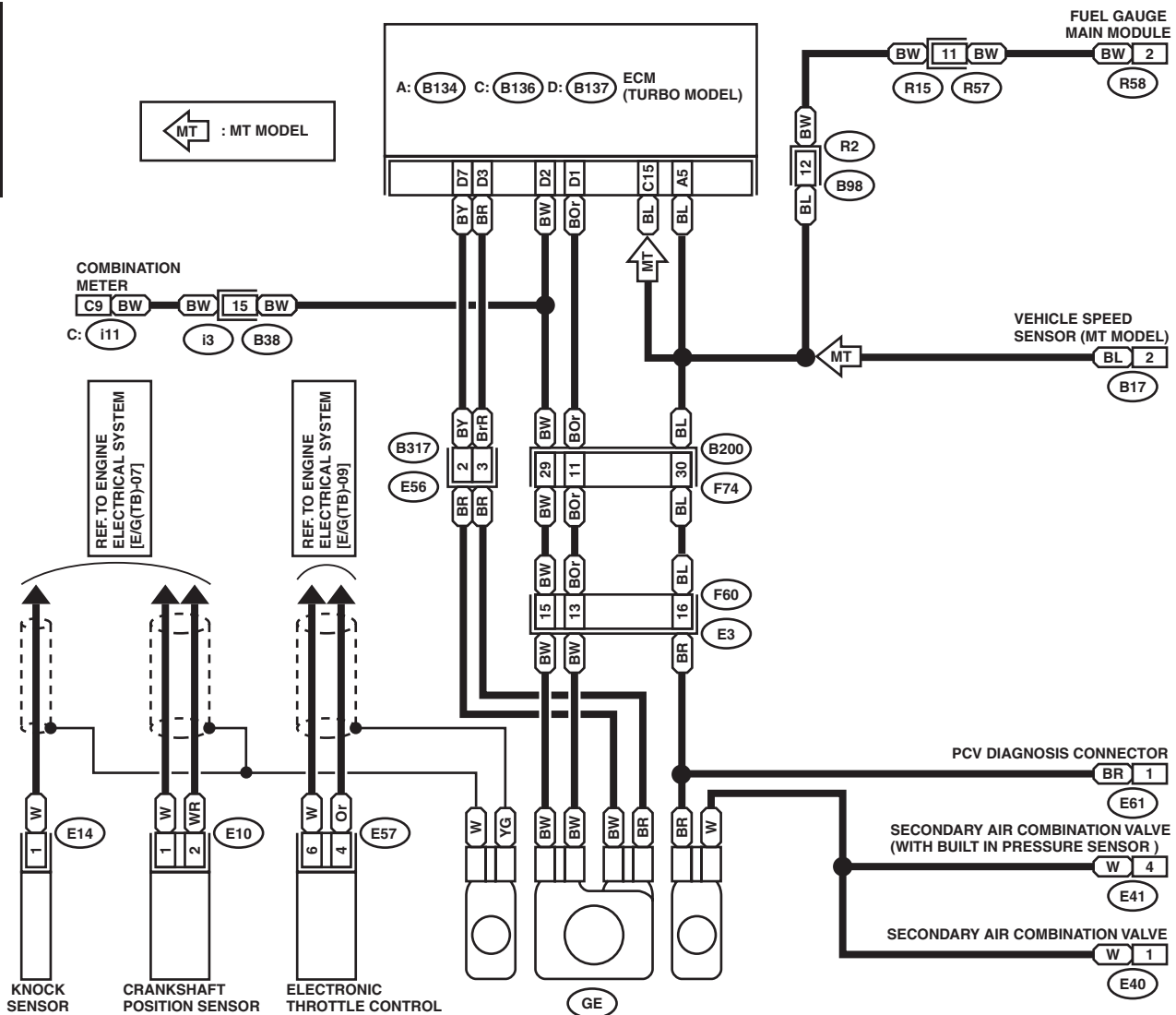
WI-11585

Ground Circuit

WIRING SYSTEM

GND-10

GND-10



WI-11586

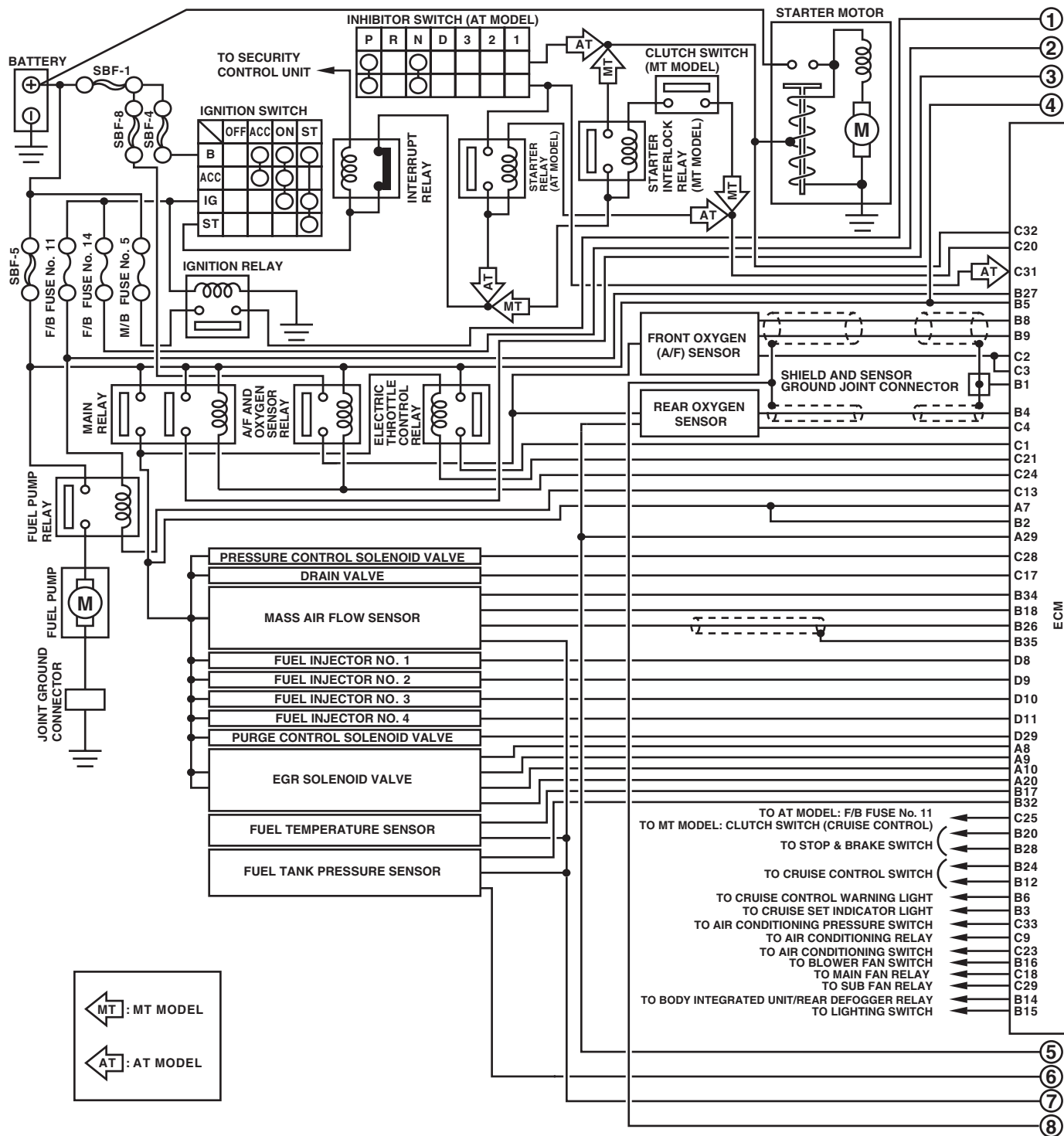
Engine Electrical System

WIRING SYSTEM

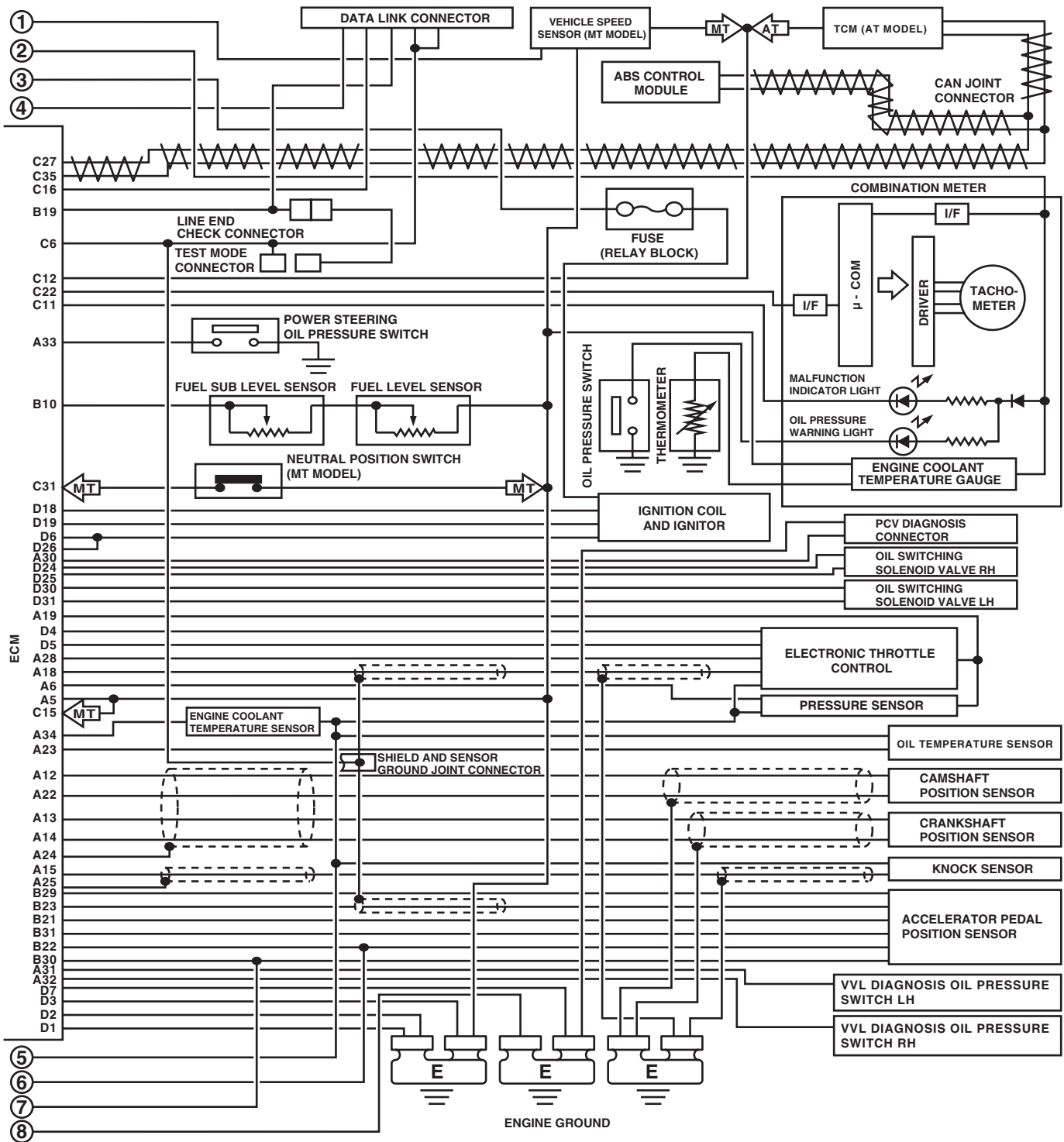
5. Engine Electrical System

A: WIRING DIAGRAM

1. NON-TURBO MODEL



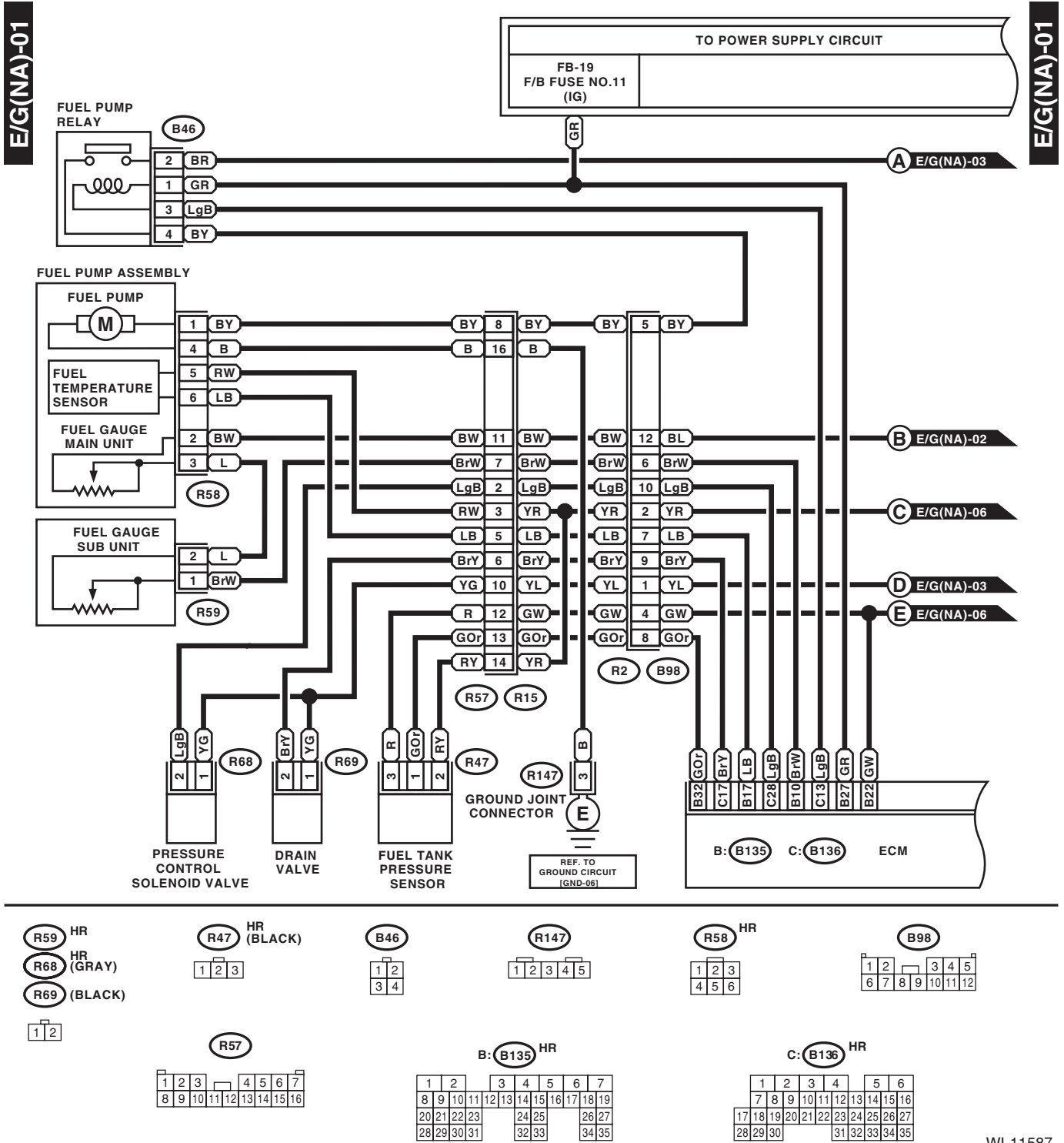
WI-08343



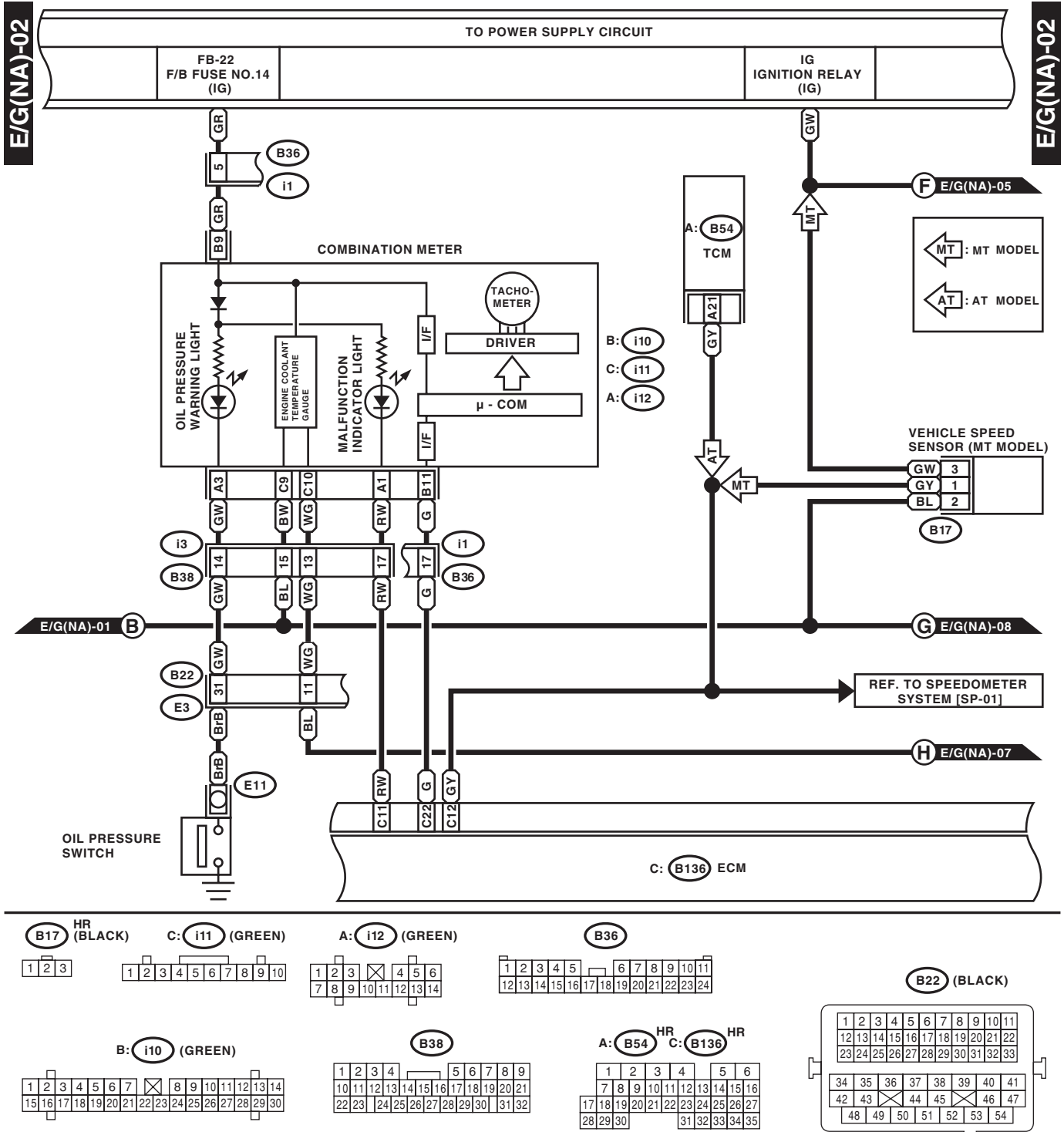
WI-12353

Engine Electrical System

WIRING SYSTEM



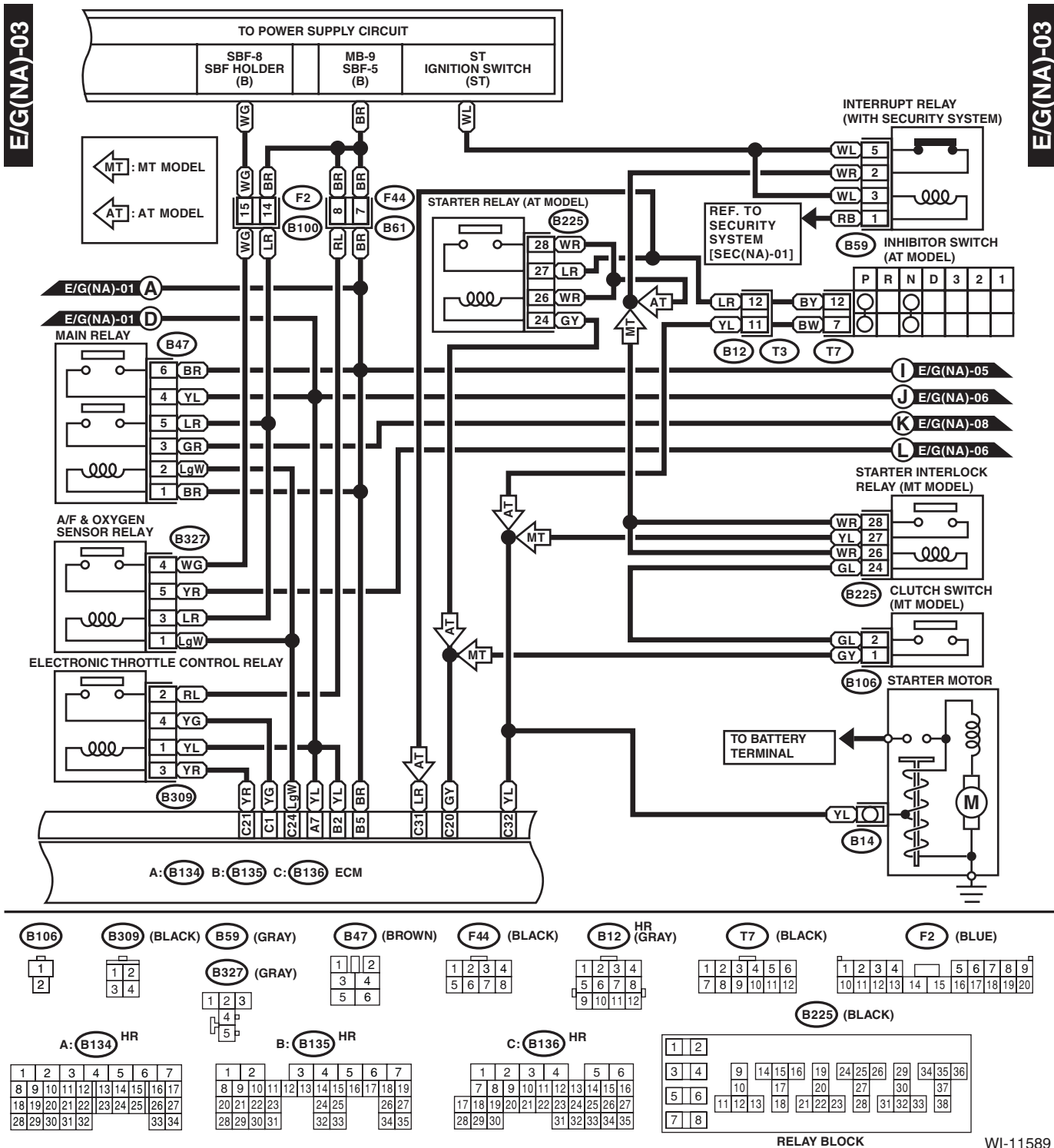
WI-11587



WI-11588

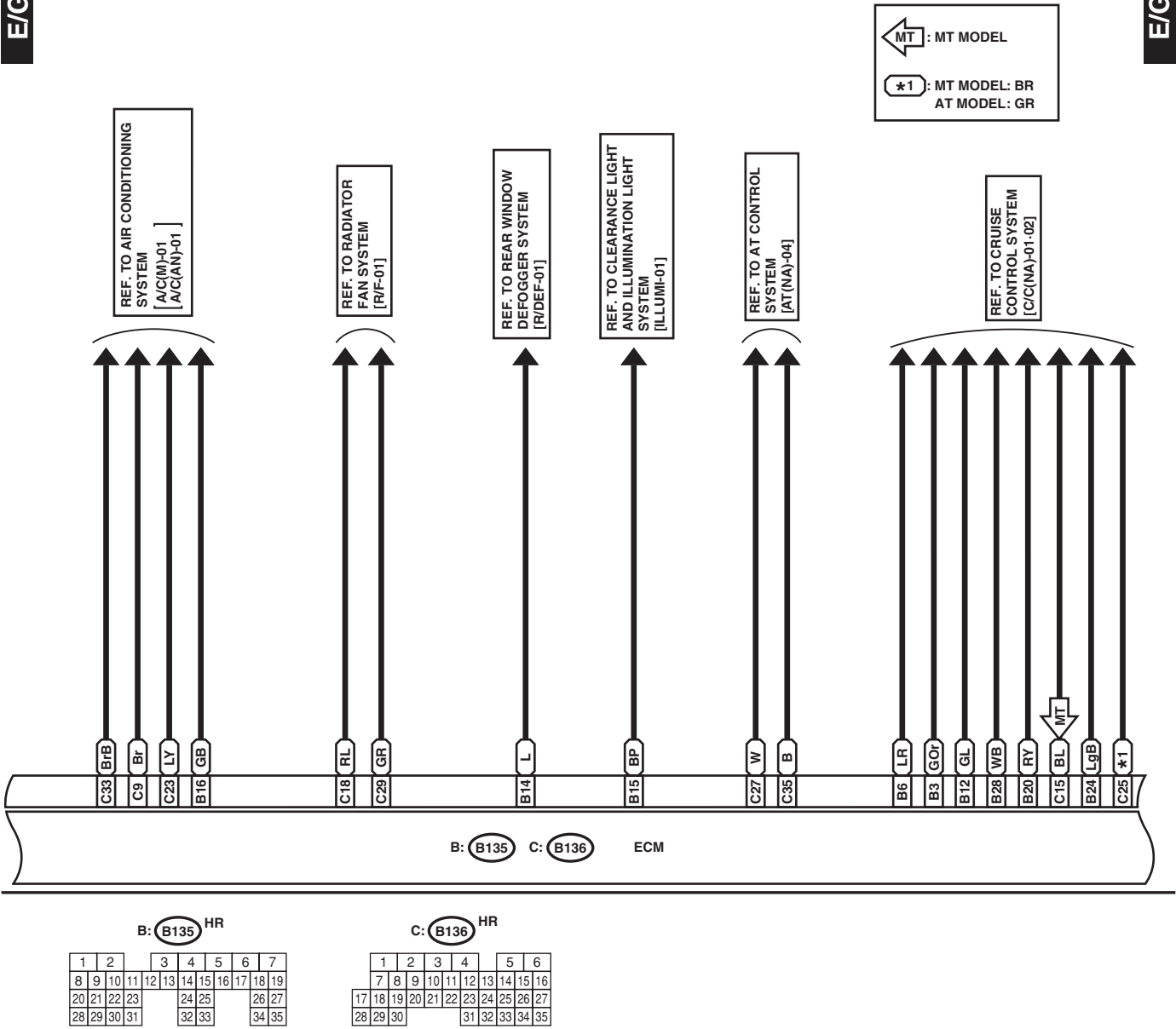
Engine Electrical System

WIRING SYSTEM



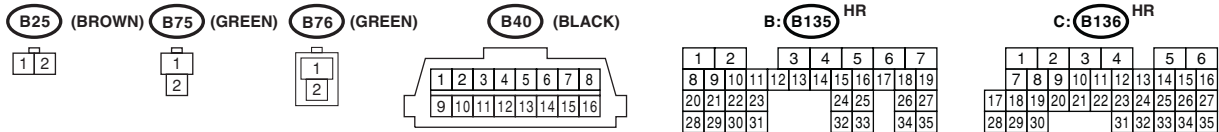
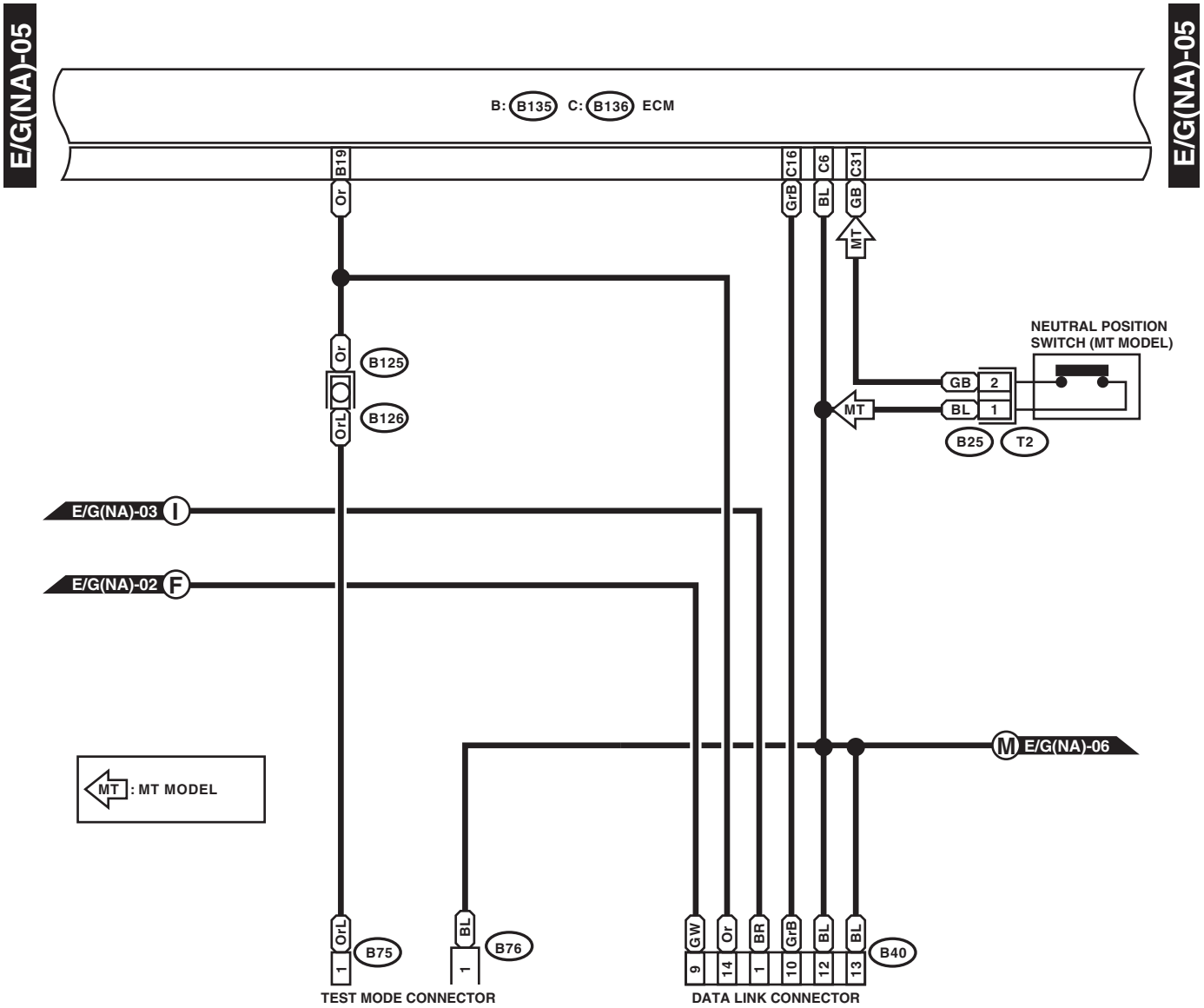
E/G(NA)-04

E/G(NA)-04

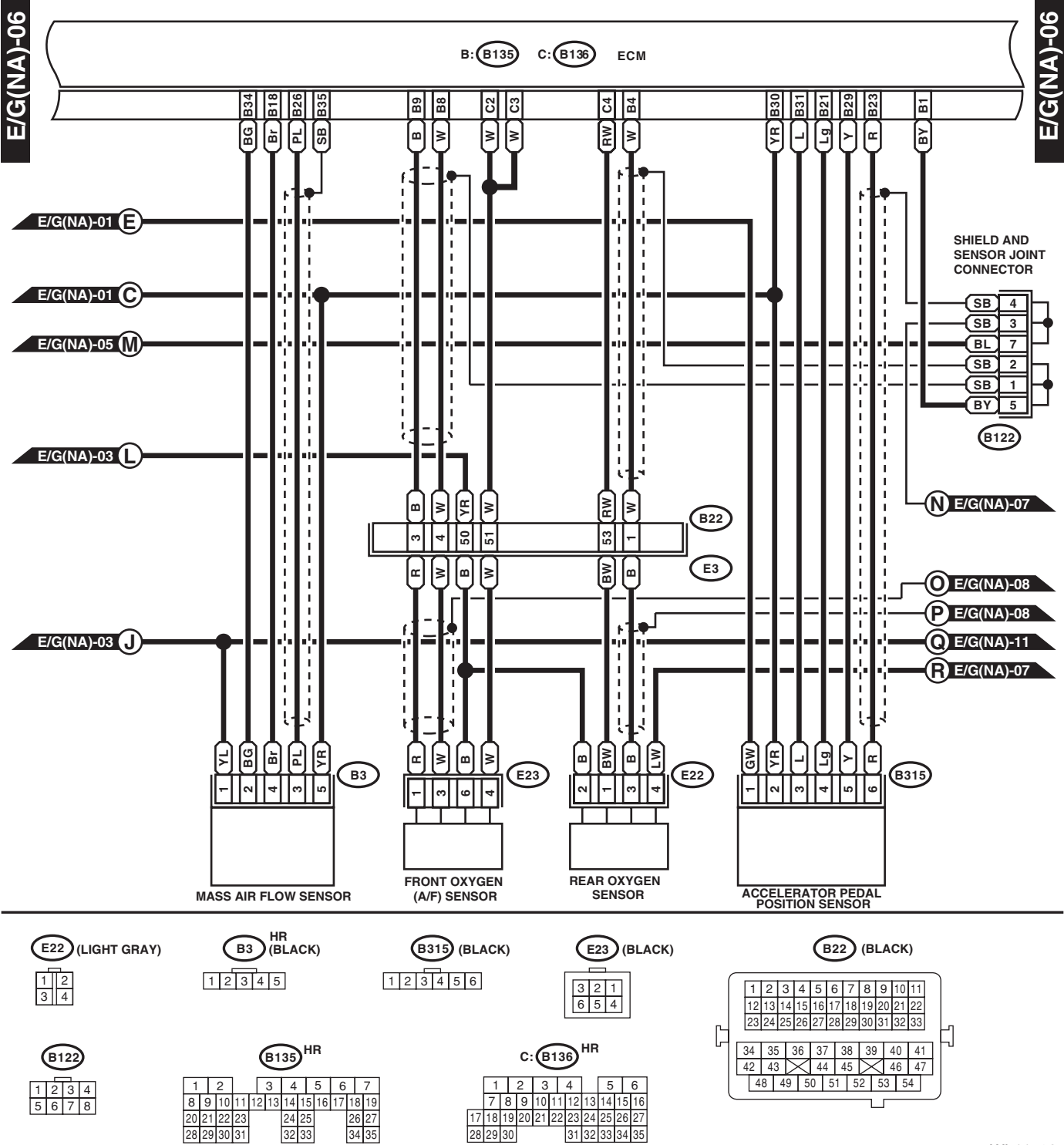


Engine Electrical System

WIRING SYSTEM



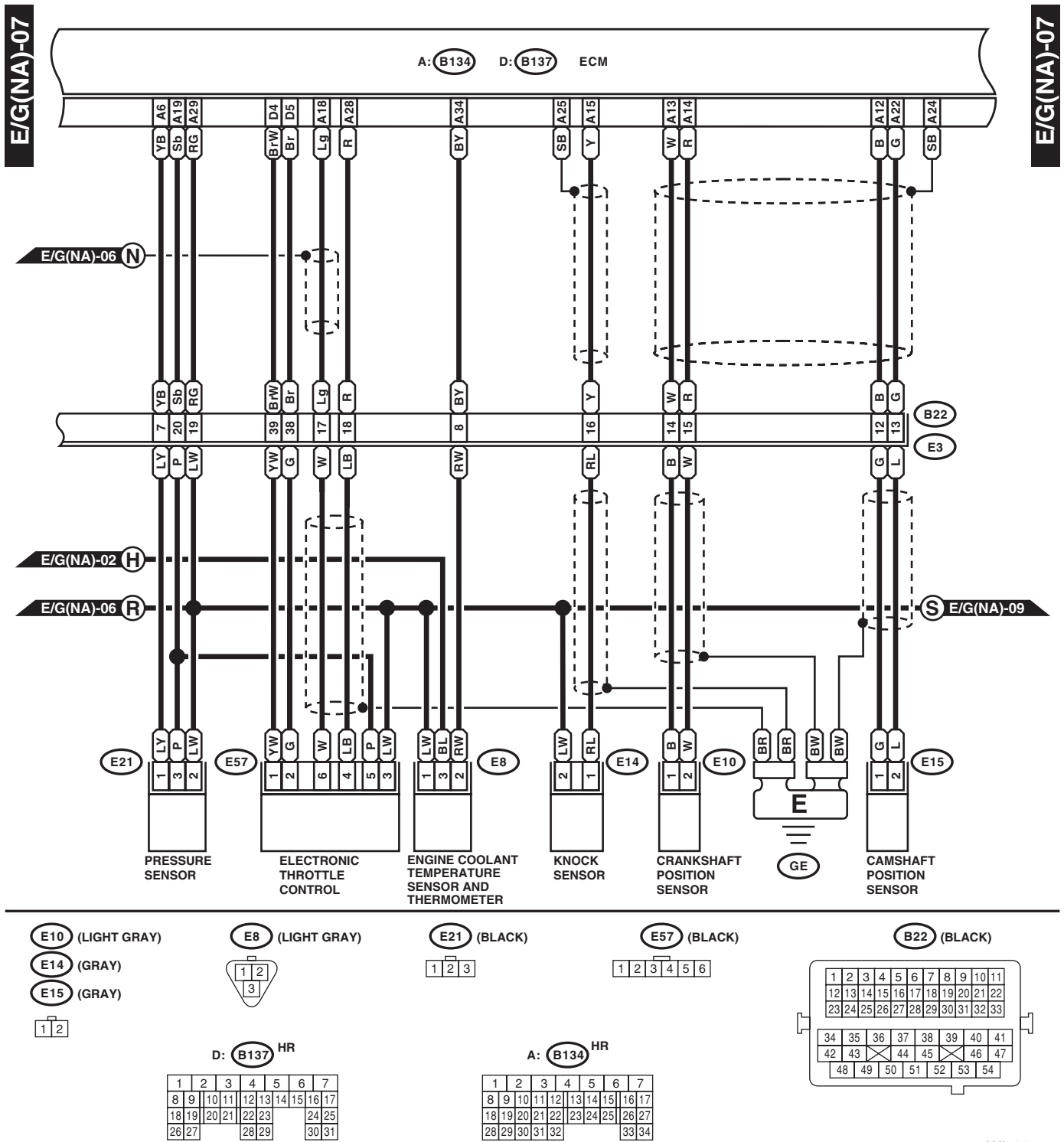
WI-11591



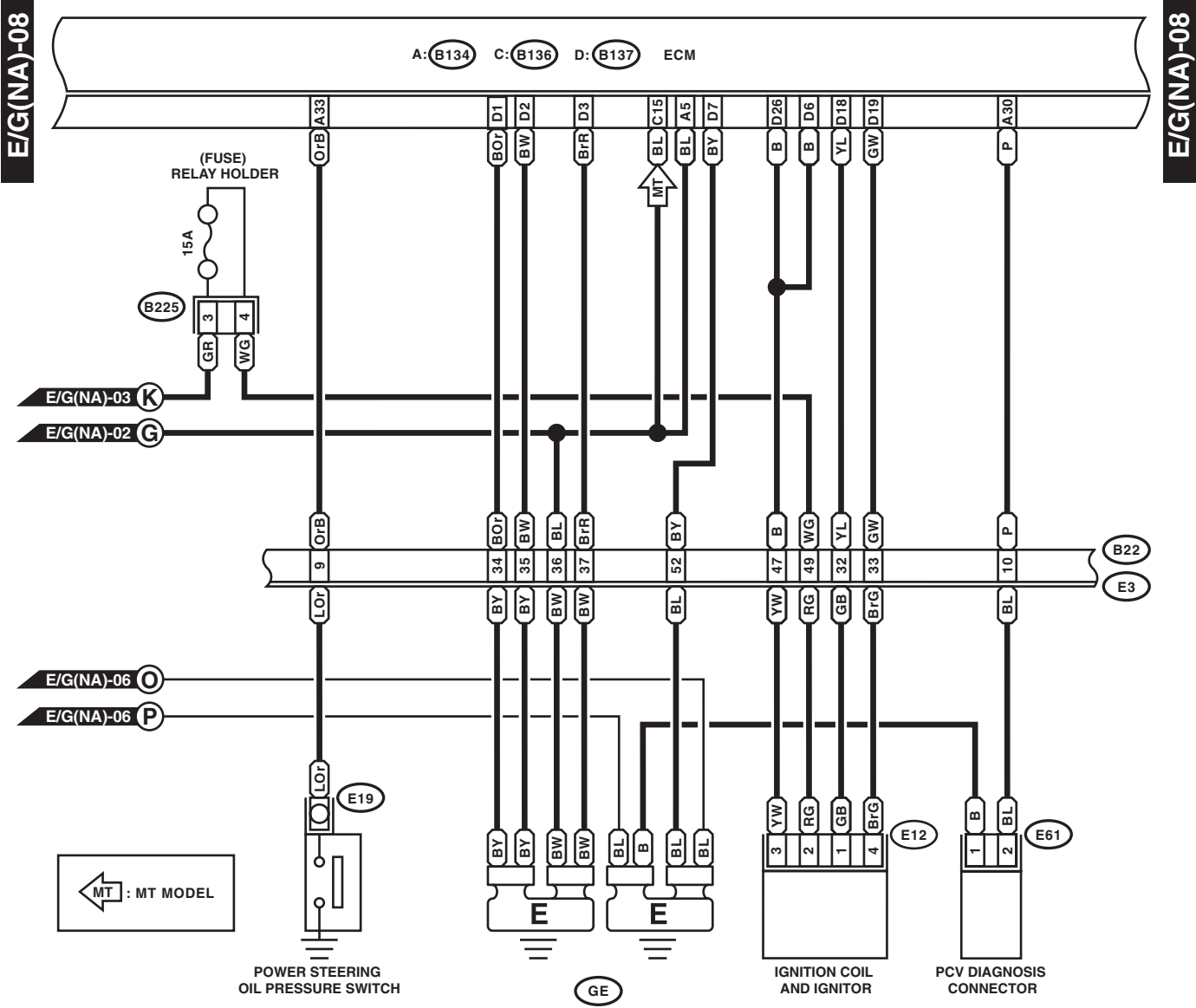
WI-11592

Engine Electrical System

WIRING SYSTEM



WI-11593



E61 (DARK GRAY)

1	2
---	---

E12 (DARK GRAY)

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

D: B137 HR

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

A: B134 HR

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

C: B136 HR

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

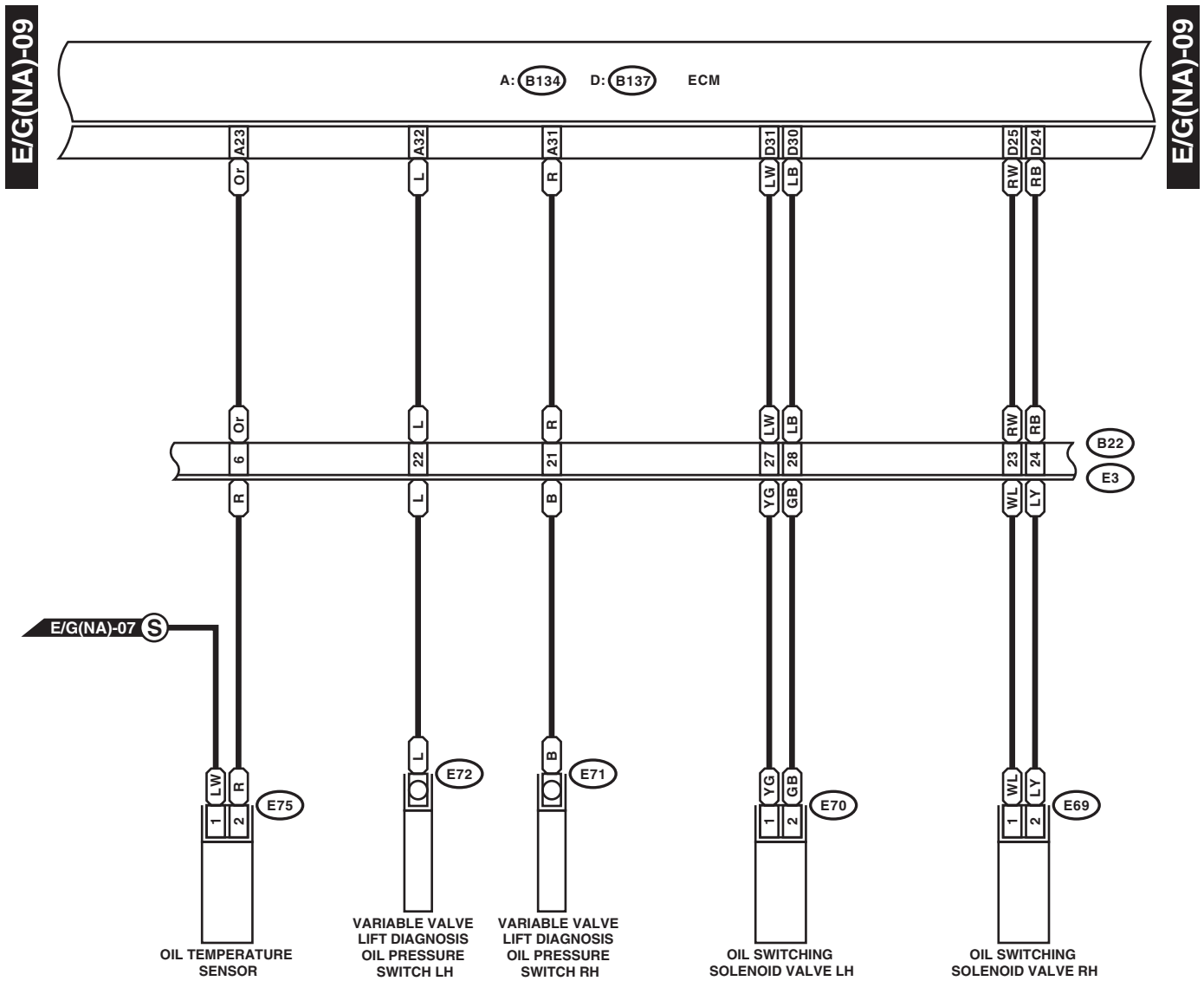
B22 (BLACK)

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

WI-11594

Engine Electrical System

WIRING SYSTEM



- E69 (BLUE)
 - E70 (BLUE)
 - E75 (BLACK)
- | | |
|---|---|
| 1 | 2 |
|---|---|

D: B137 HR

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

A: B134 HR

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

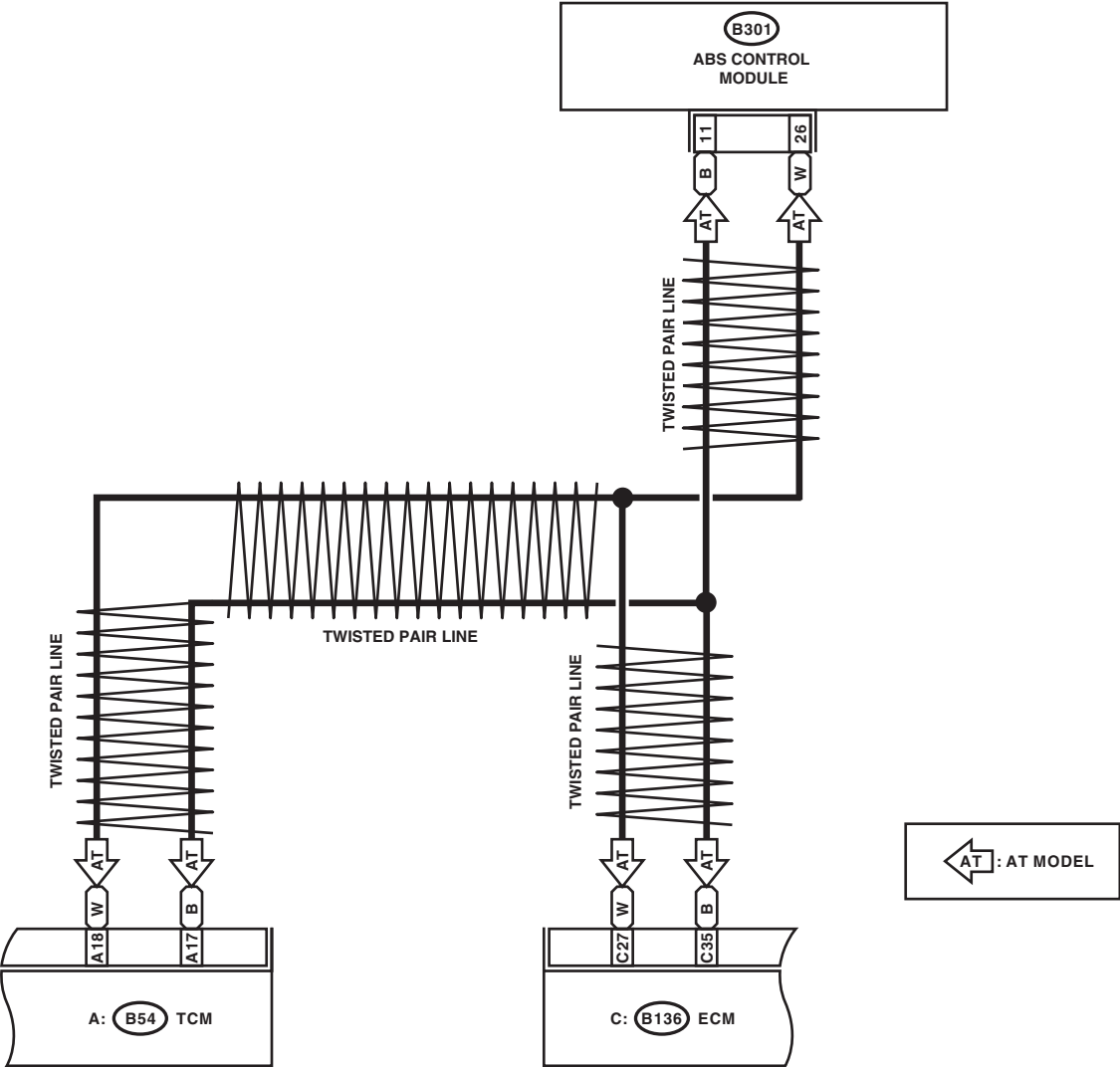
B22 (BLACK)

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

WI-11595

E/G(NA)-10

E/G(NA)-10

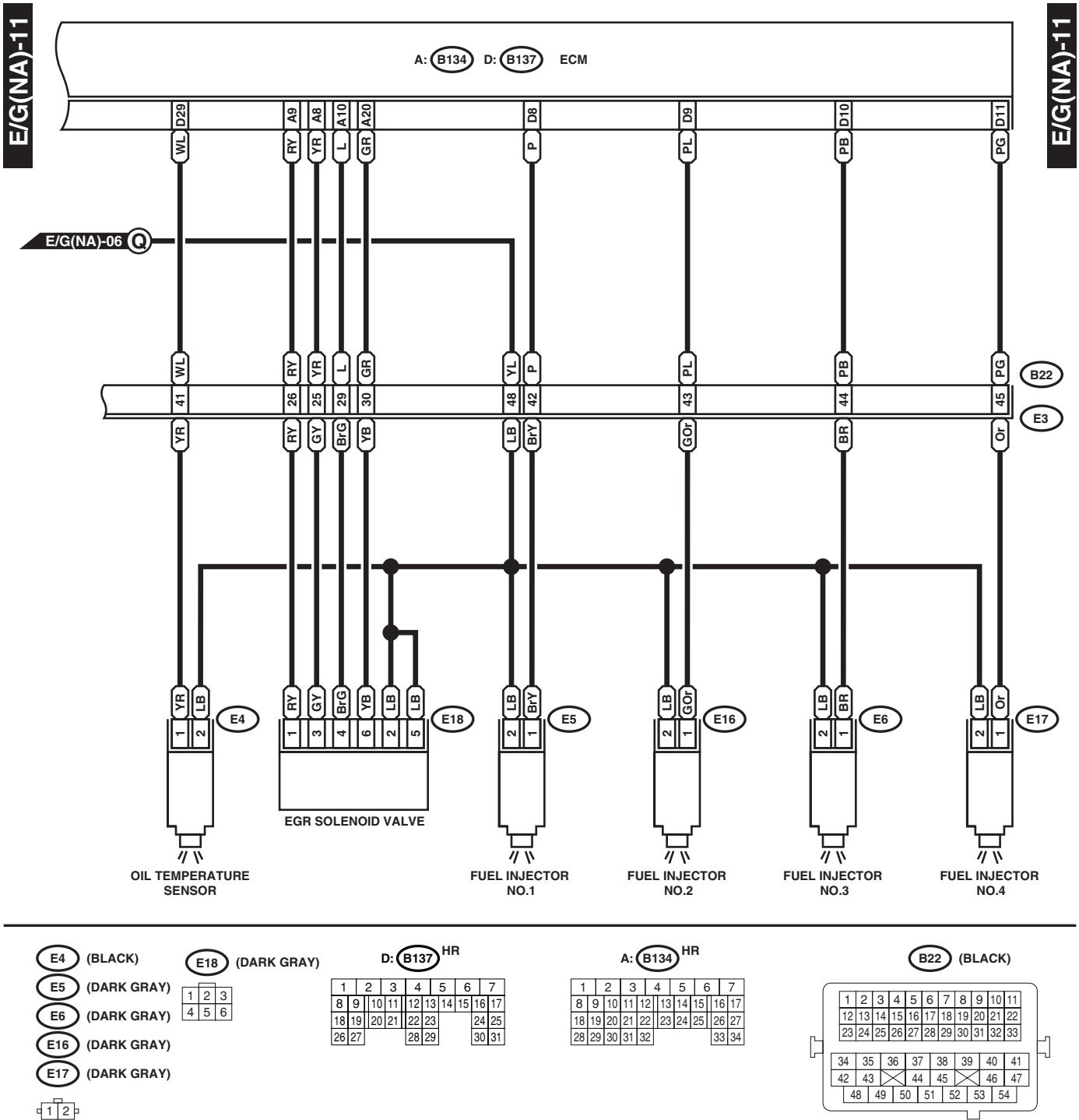


B301 (BLACK)															
12	13	14	15	1	2	3	4	5	6	7	8	9	10	11	
				16	17	18	19	20	21	22	23	24	25	26	

A: B54 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

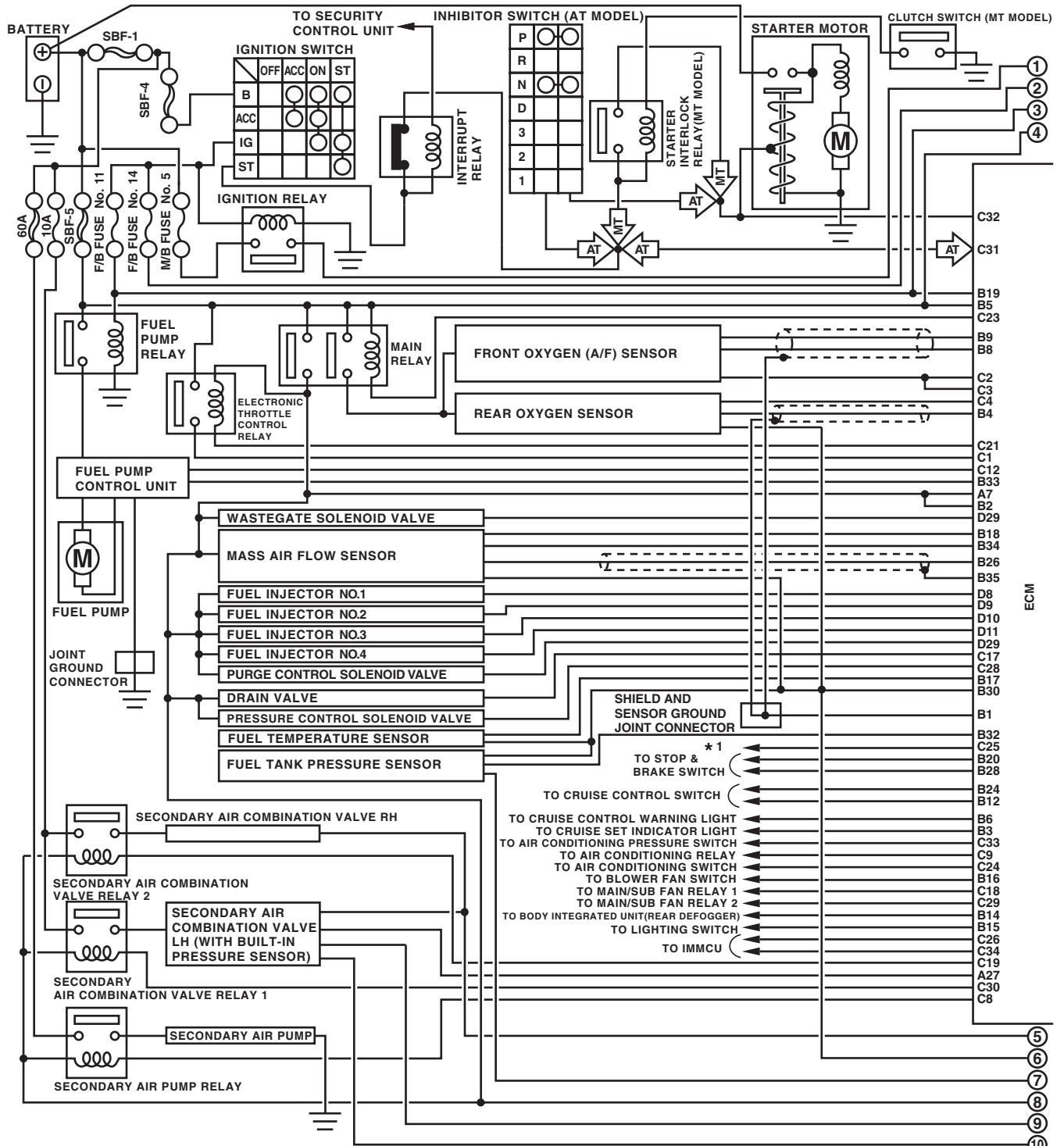


WI-11597

Engine Electrical System

WIRING SYSTEM

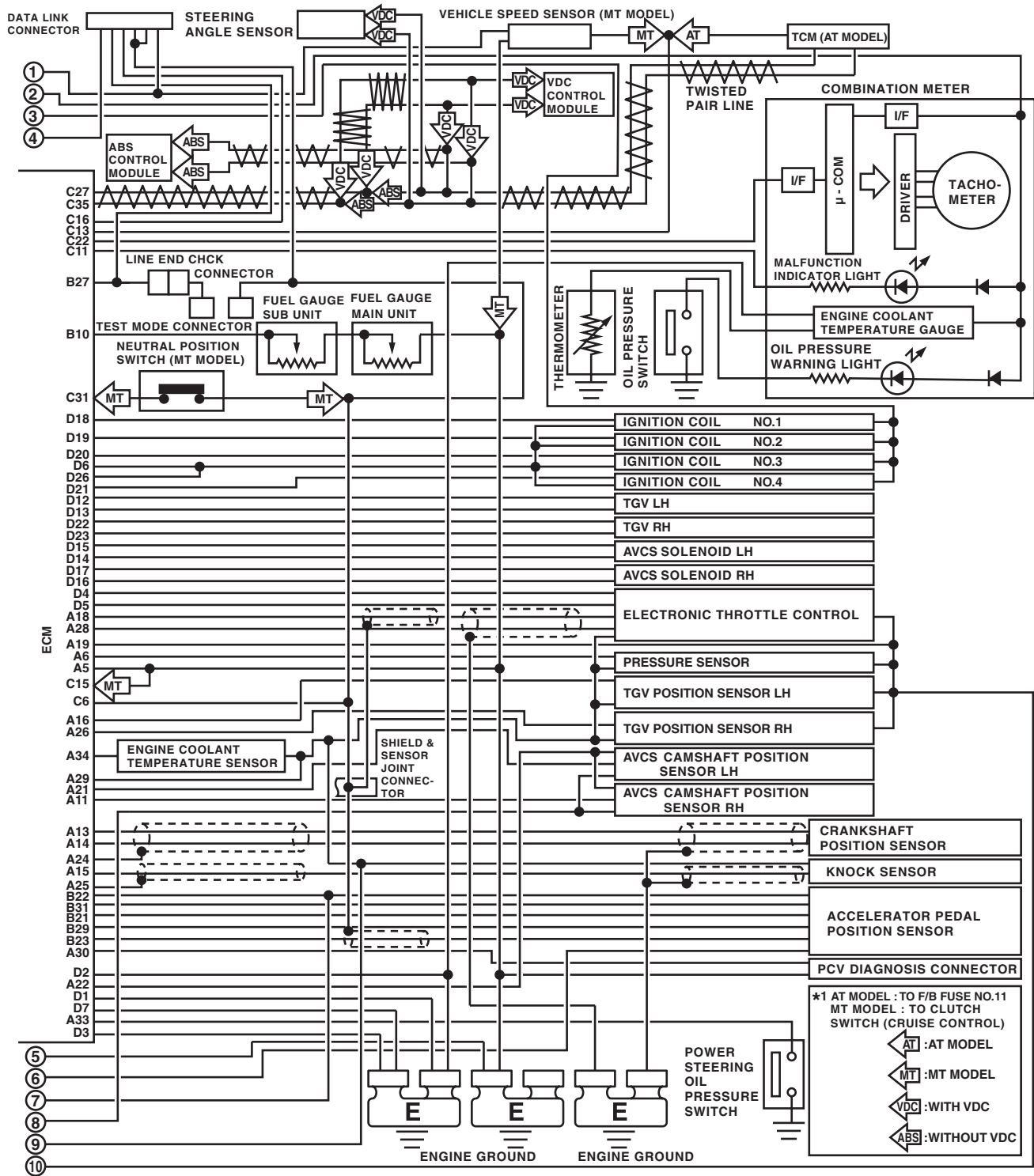
2. TURBO MODEL



WI-08356

Engine Electrical System

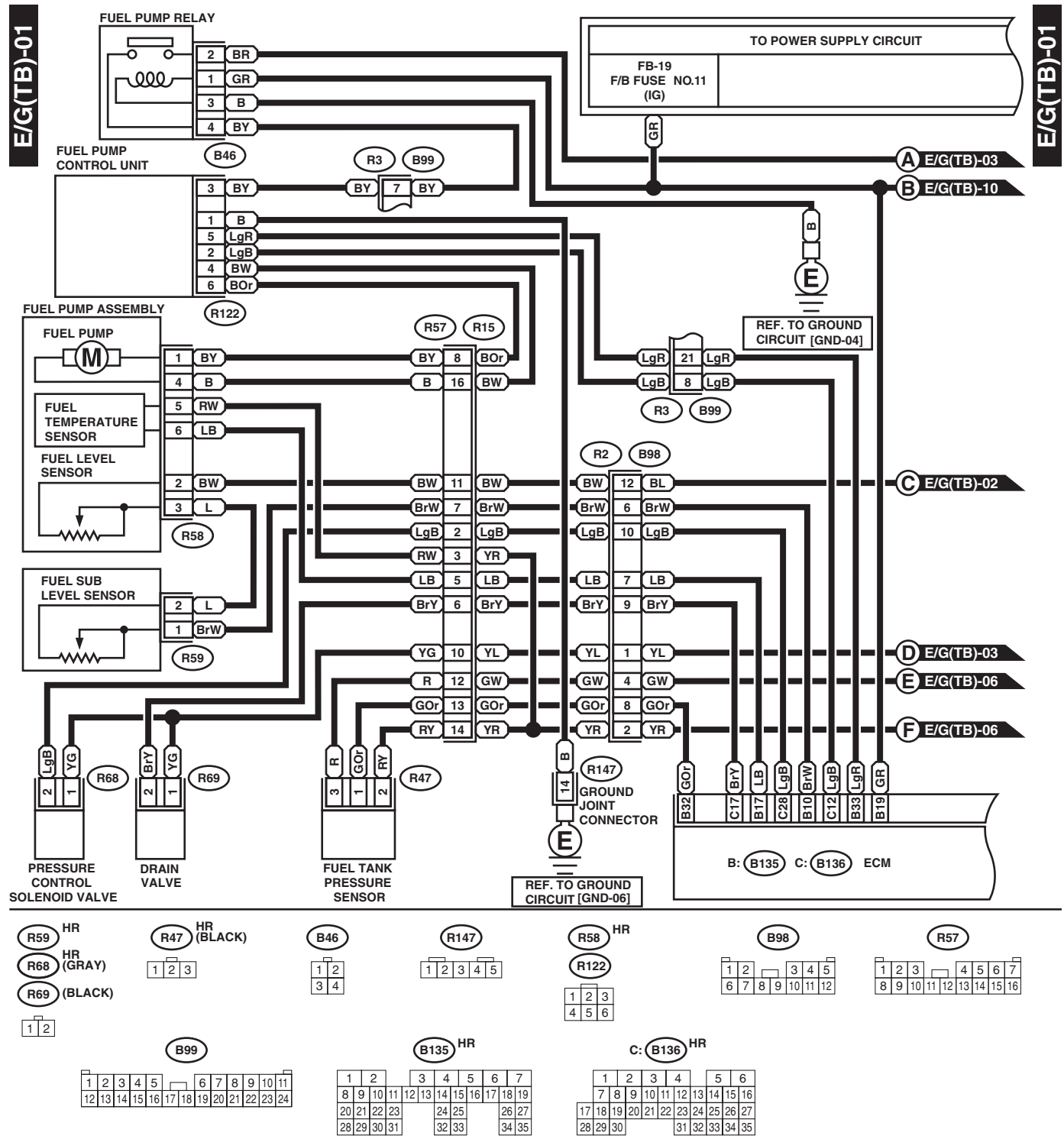
WIRING SYSTEM



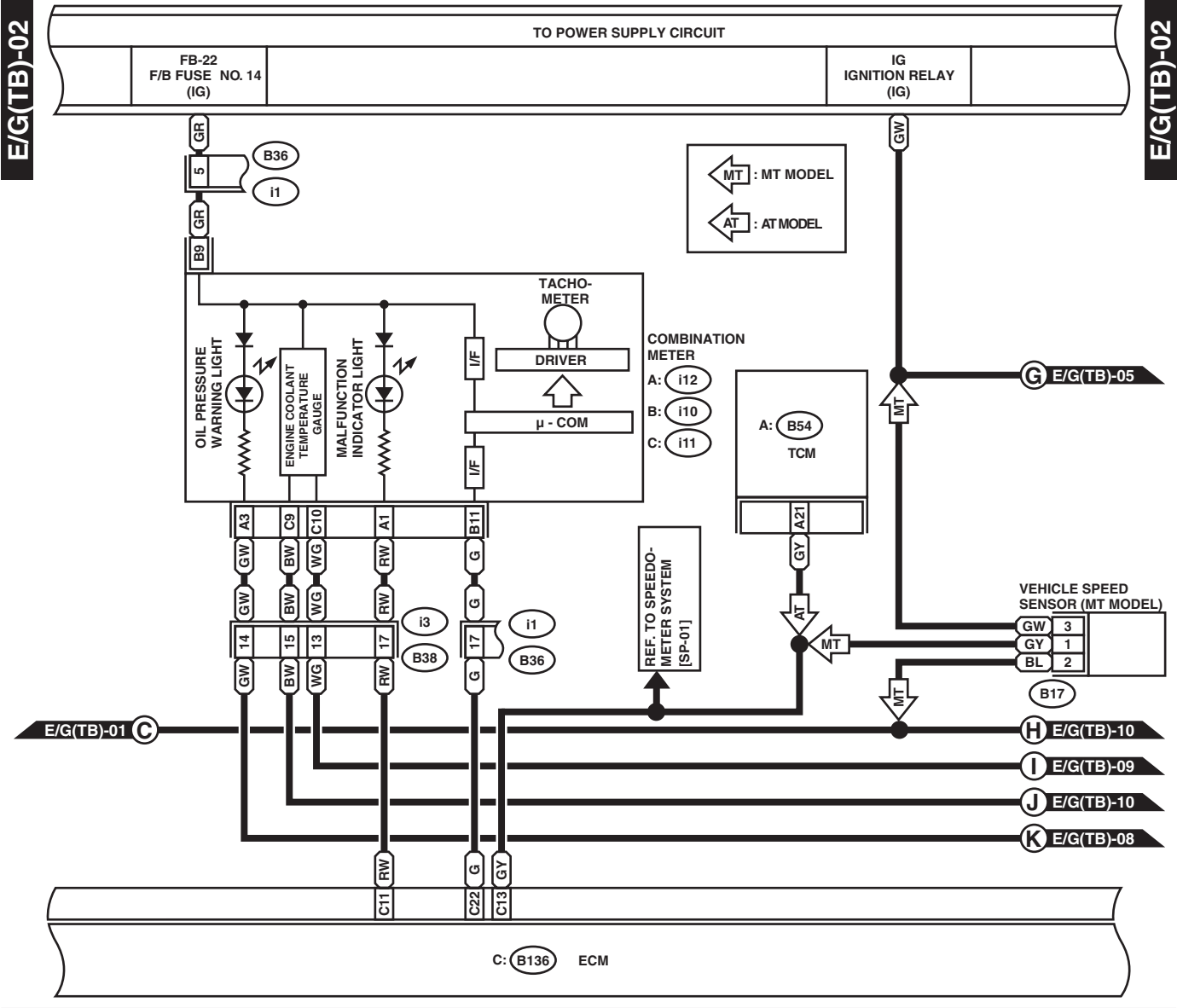
WI-12355

Engine Electrical System

WIRING SYSTEM



WI-11598



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				

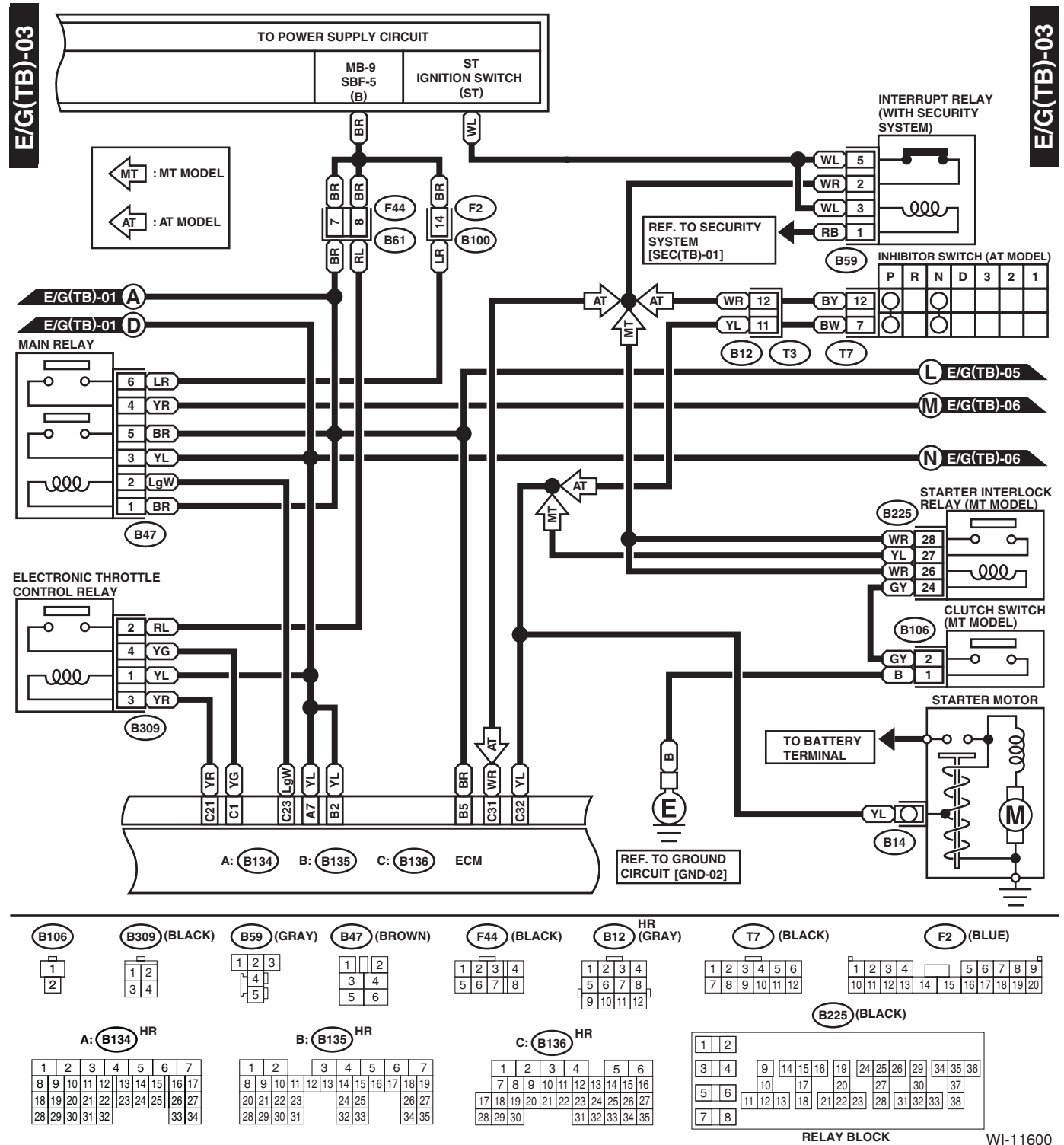
A: B54 HR **C: B136** HR

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-11599

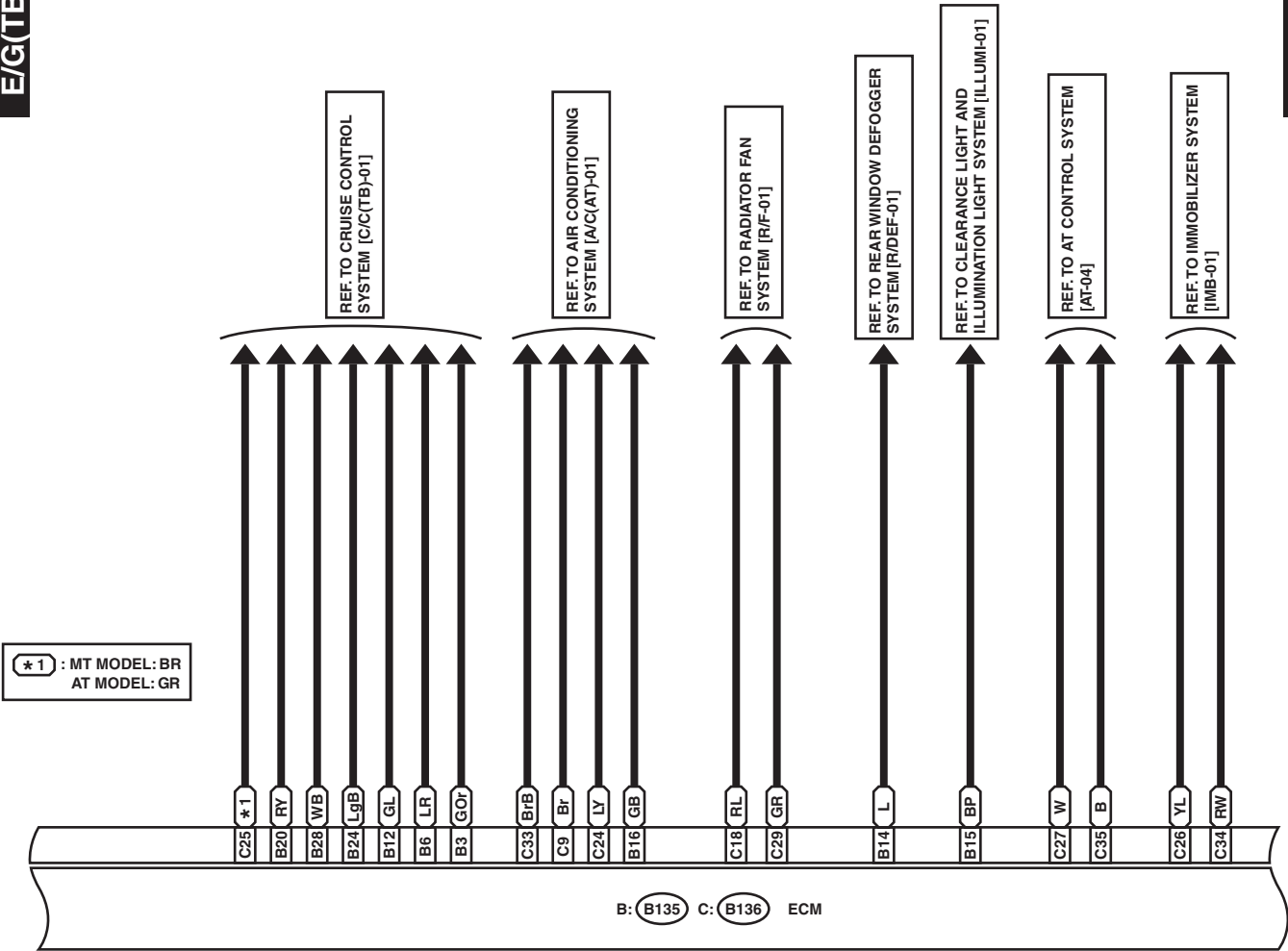
Engine Electrical System

WIRING SYSTEM



E/G(TB)-04

E/G(TB)-04



B: B135 HR

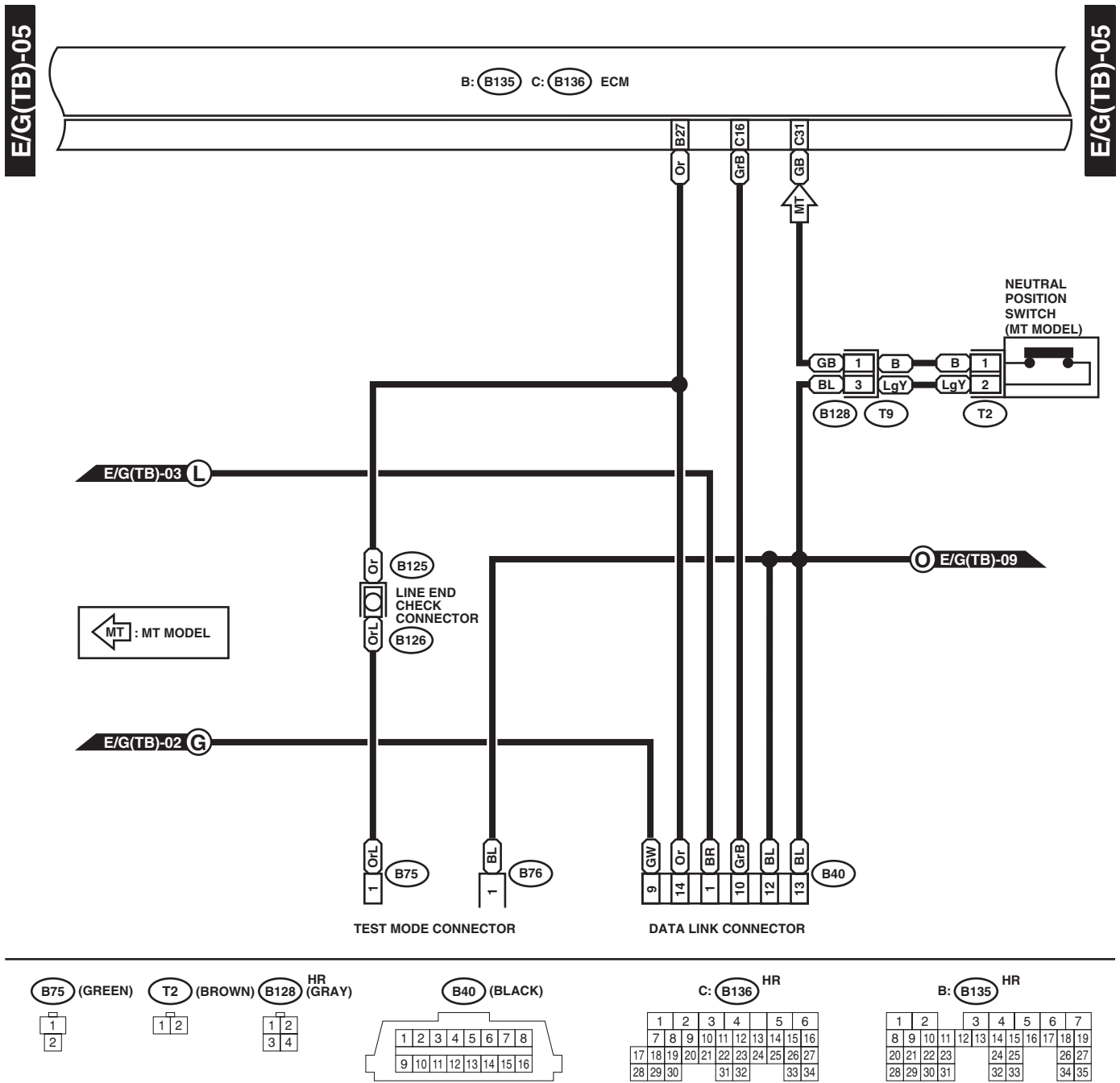
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8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31
32	33	34	35				

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

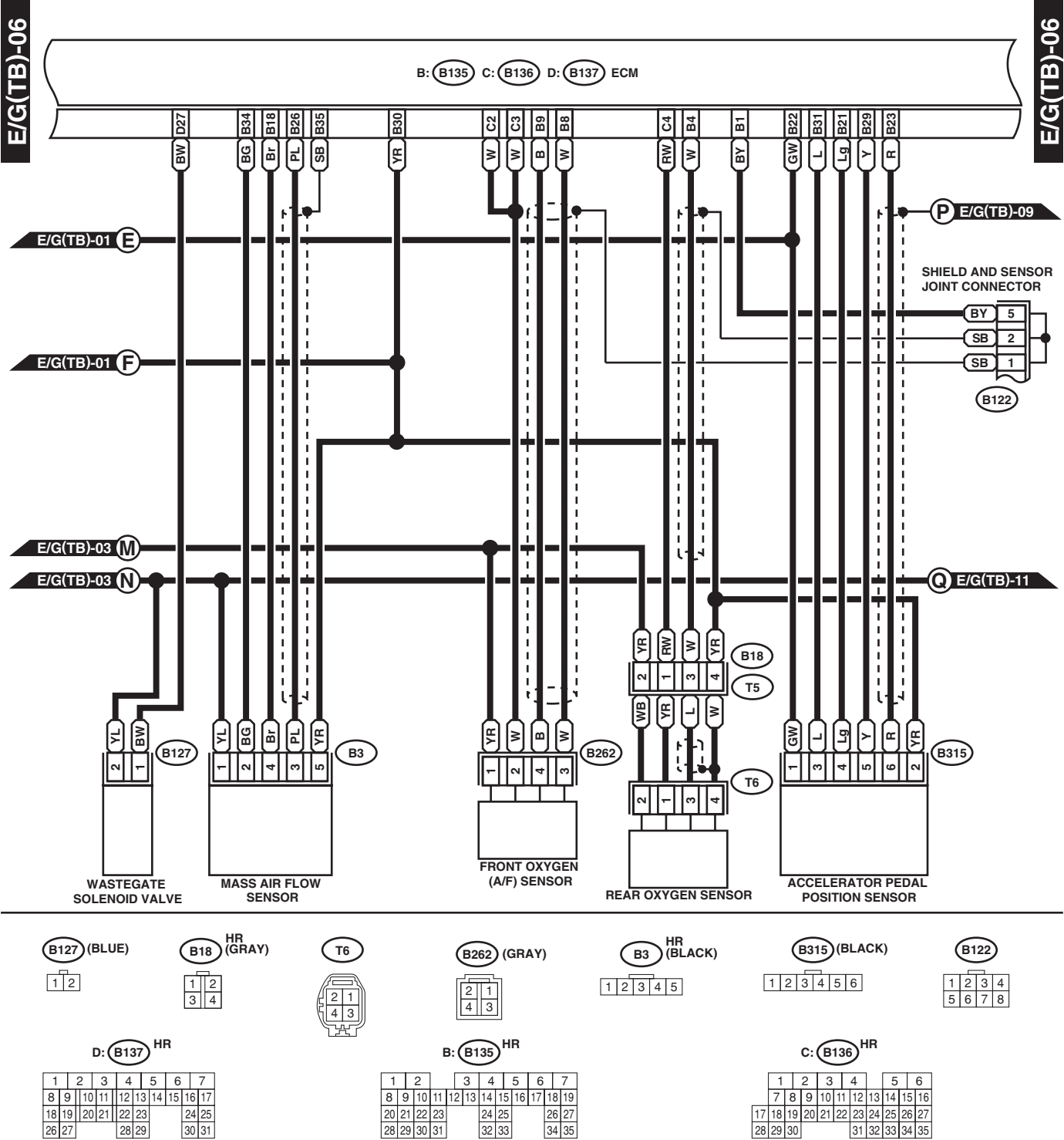
WIRING SYSTEM



WI-11602

Engine Electrical System

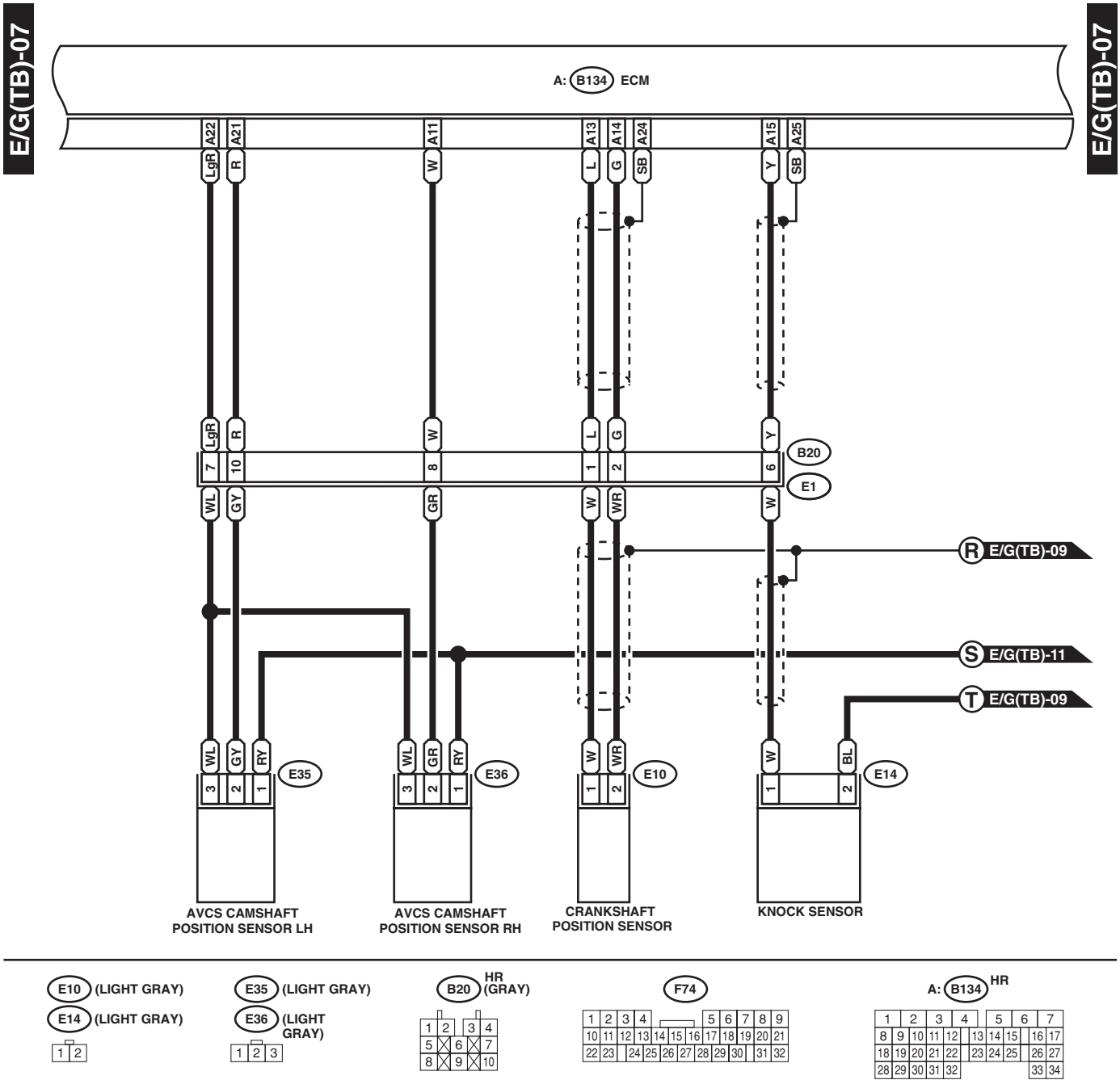
WIRING SYSTEM



WI-11603

Engine Electrical System

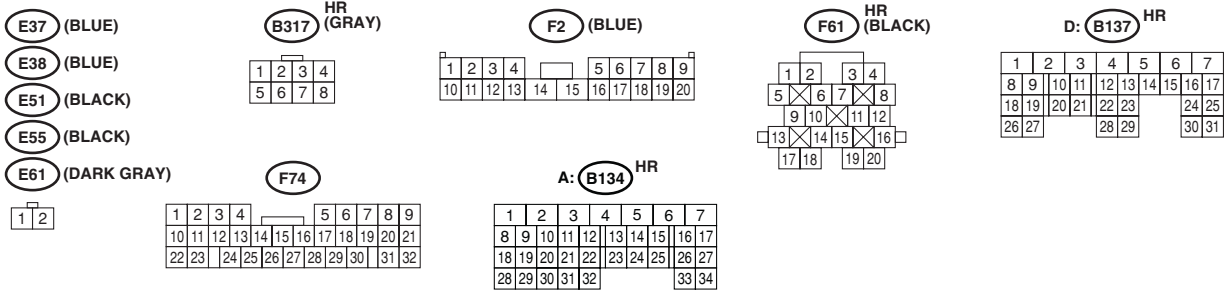
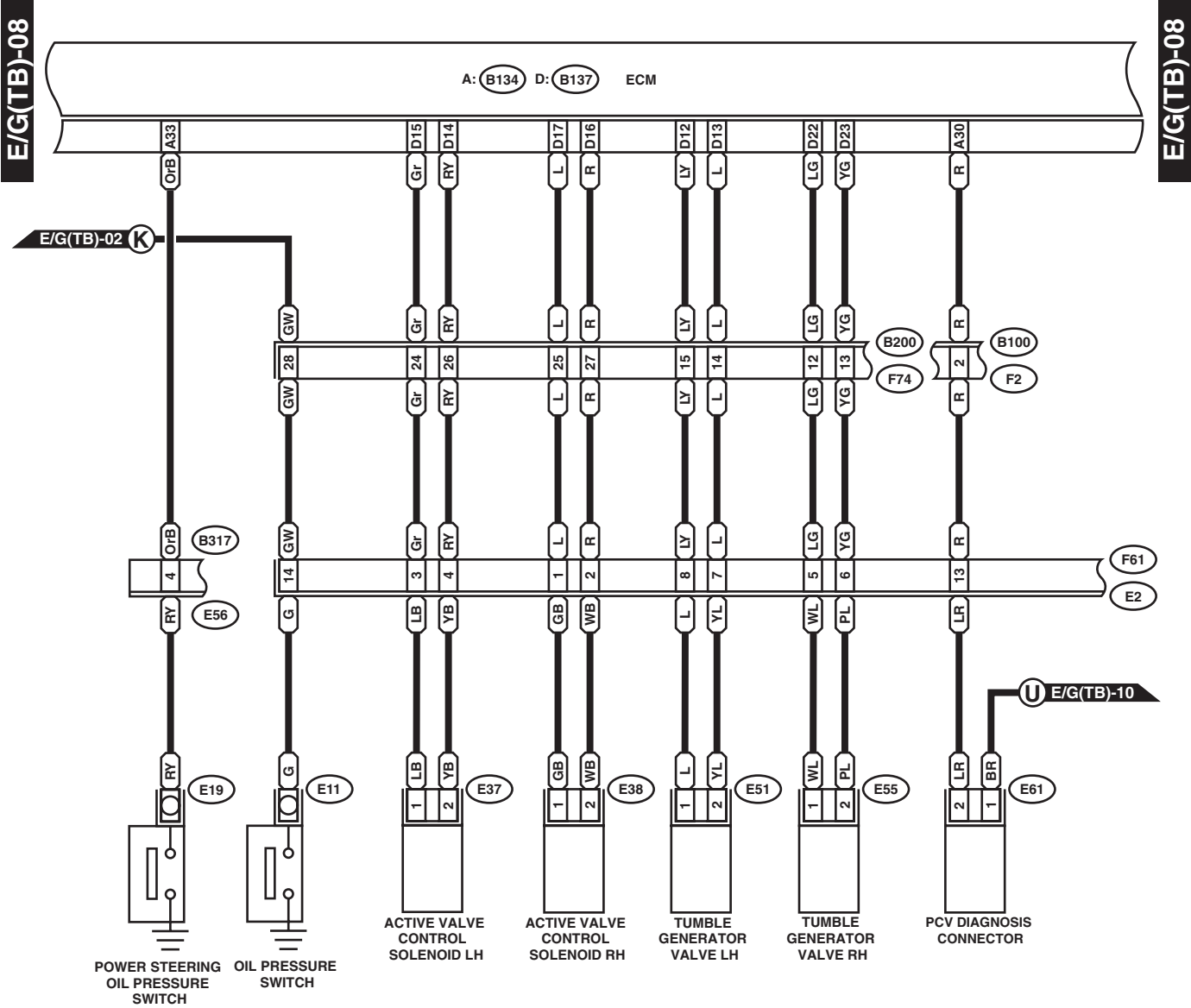
WIRING SYSTEM



WI-11604

Engine Electrical System

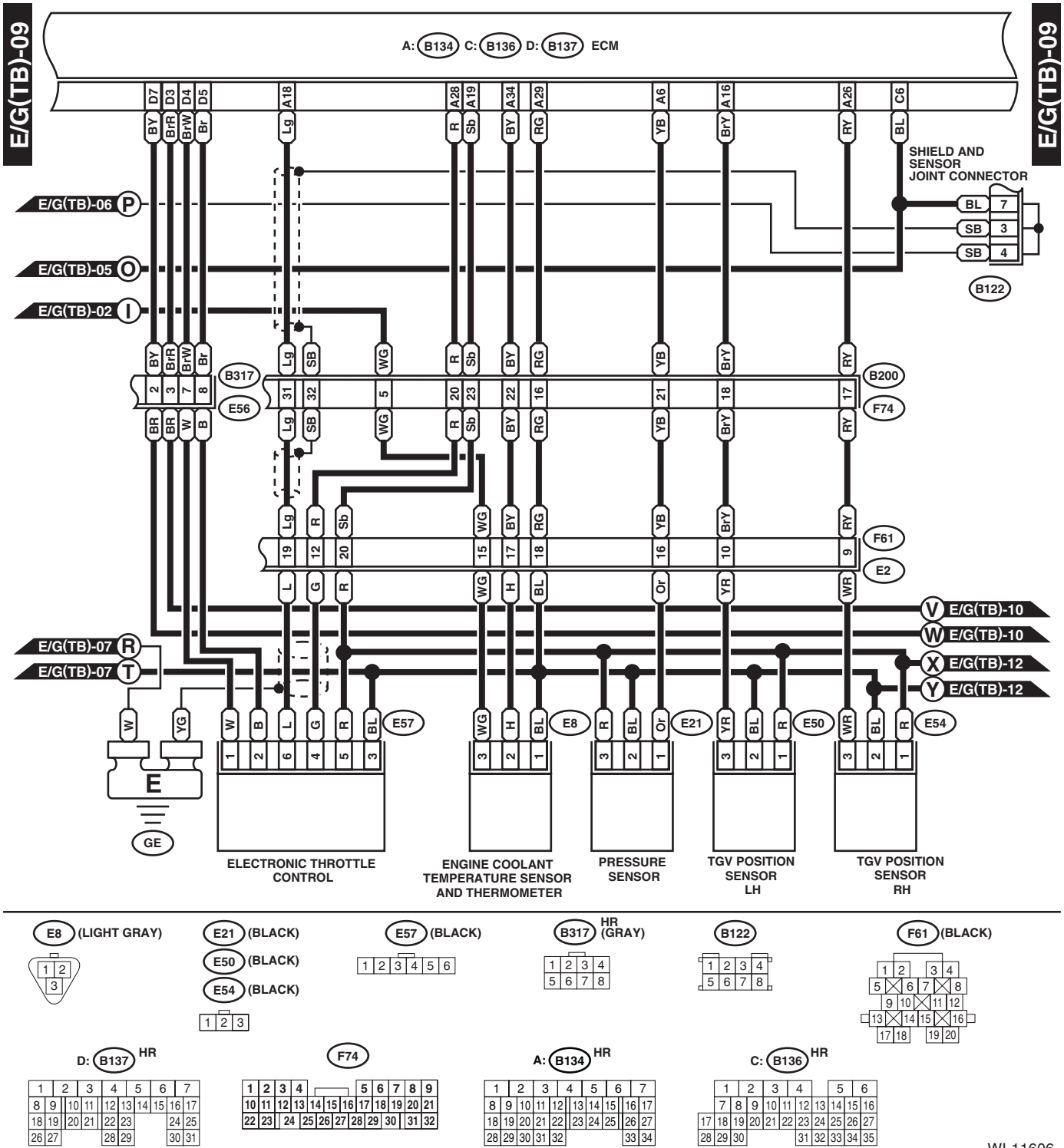
WIRING SYSTEM



WI-11605

Engine Electrical System

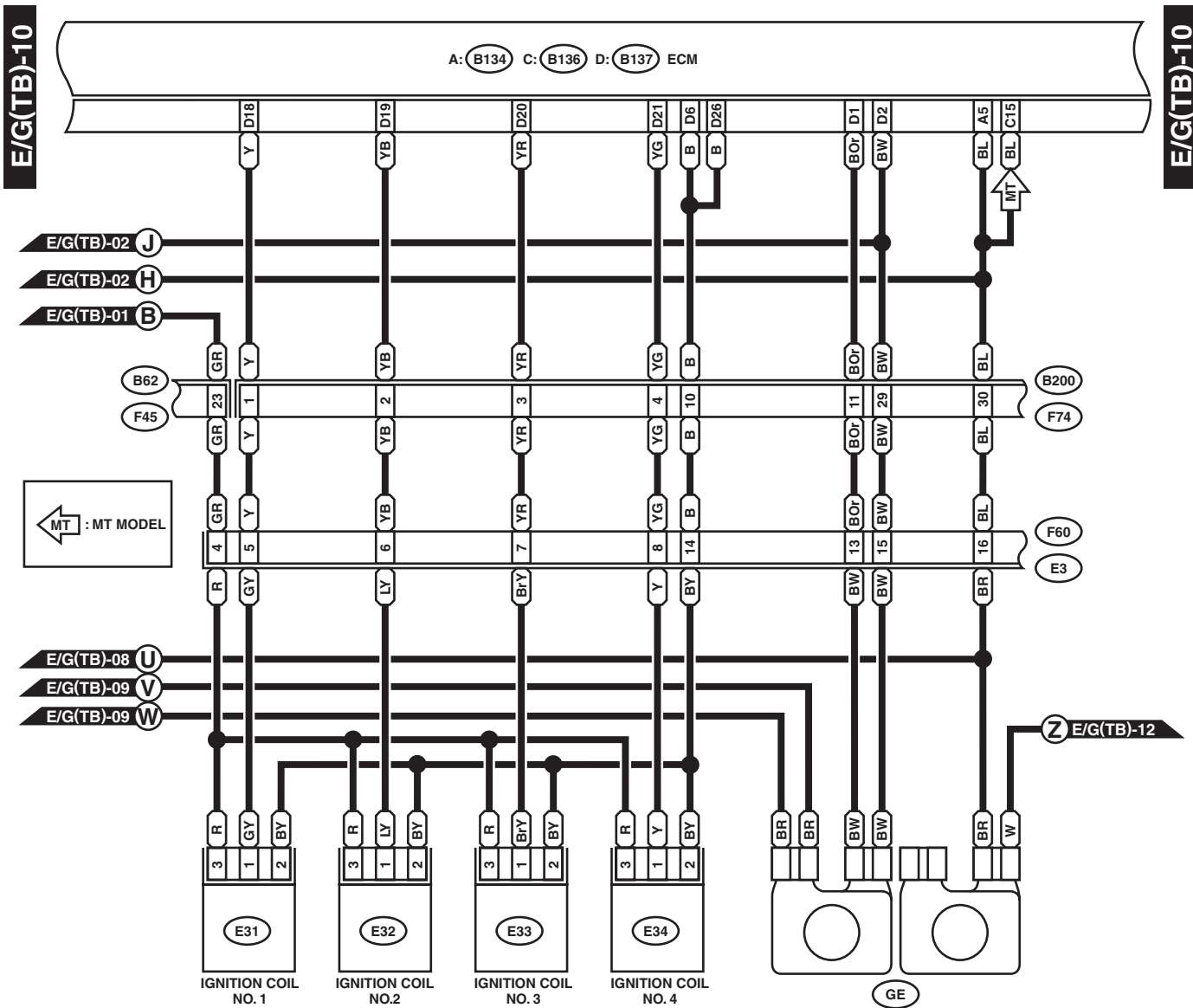
WIRING SYSTEM



WI-11606

Engine Electrical System

WIRING SYSTEM



E31

E32

E33 (BLACK)

E34 (BLACK)

1

2

3

F60

HR (BROWN)

1234

5678

9101112

13141516

F45

(BLACK)

1234567

12131415161718192021222324

D: B137

HR

1234567

891011121314151617

1819202122232425

262728293031

F74

123456789

101112131415161718192021

2223242526272829303132

A: B134

HR

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28293031323334

C: B136

HR

123456

78910111213141516

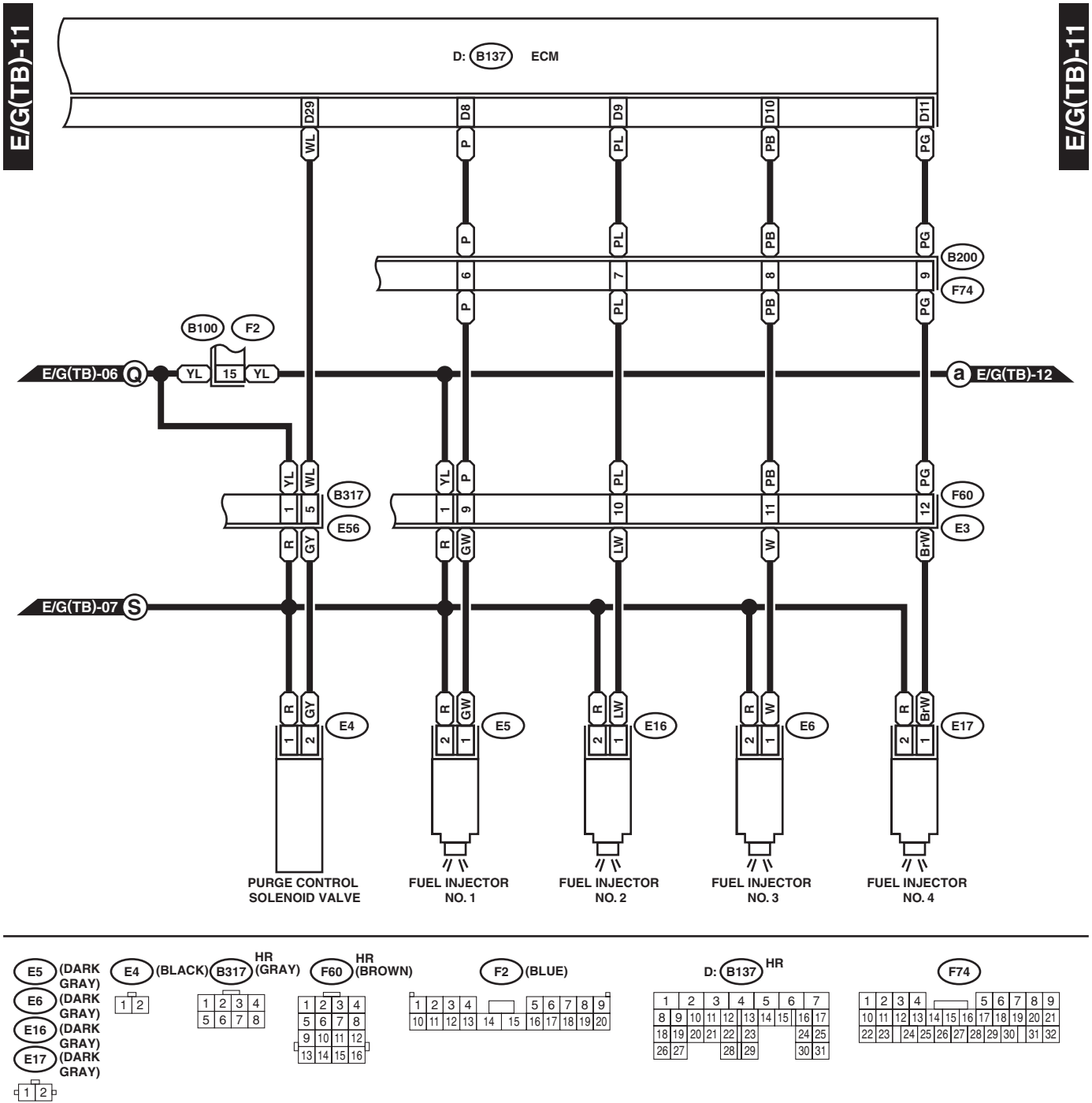
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2829303132333435

WI-11607

Engine Electrical System

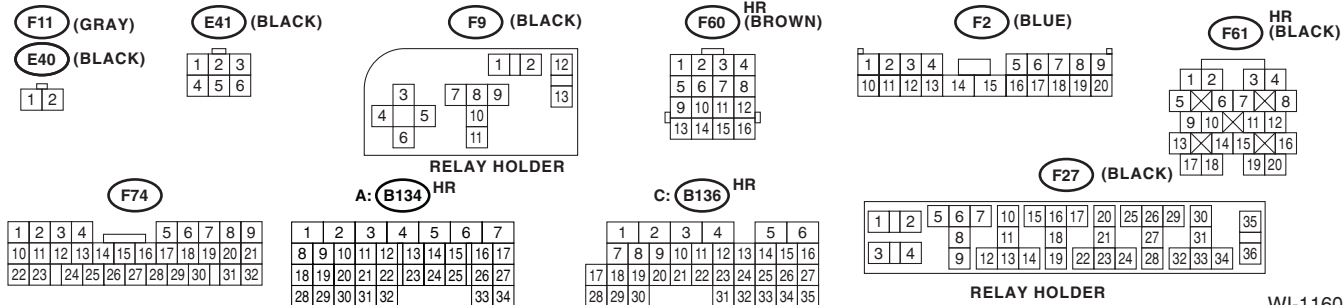
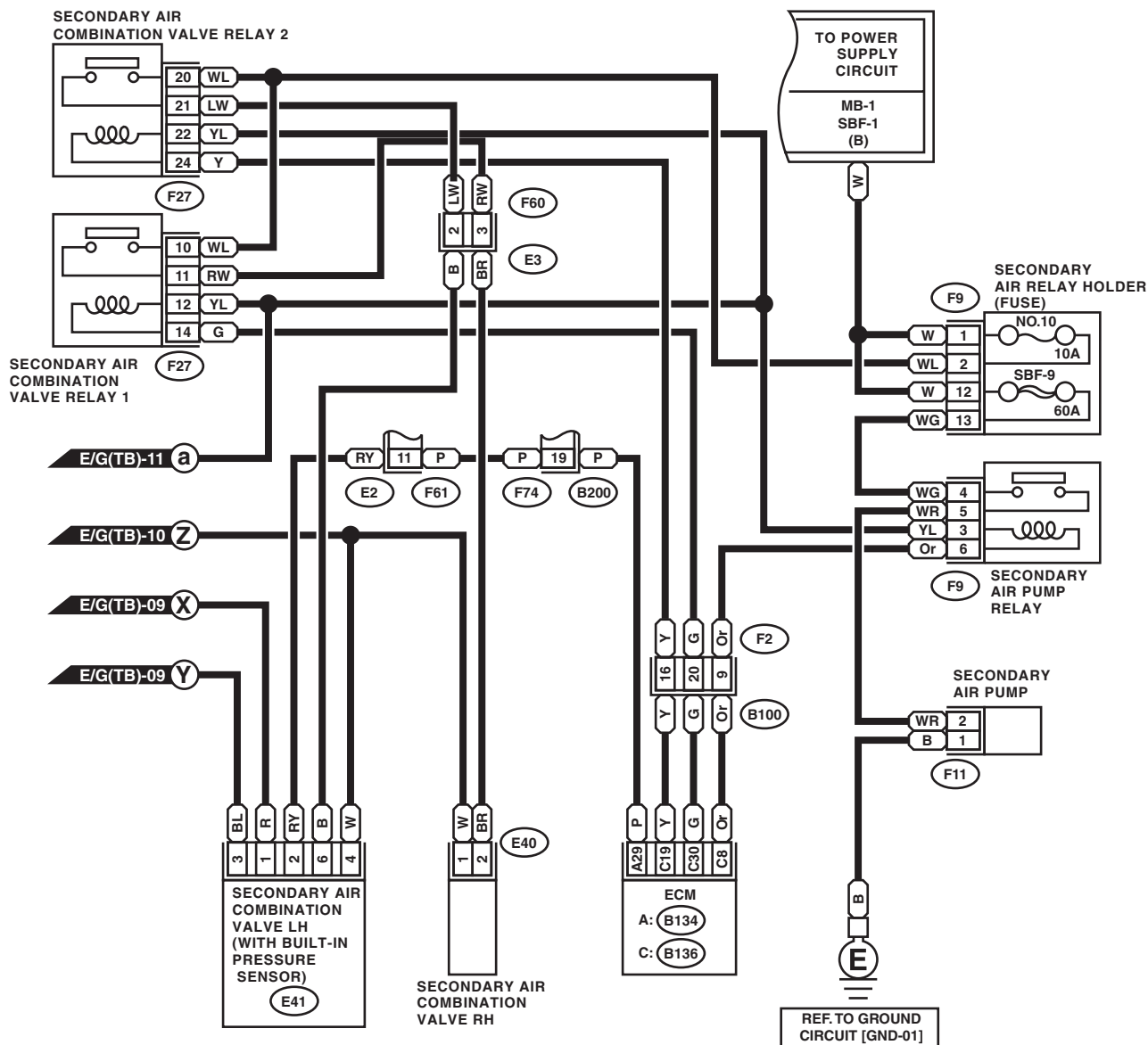
WIRING SYSTEM



WI-11608

E/G(TB)-12

E/G(TB)-12



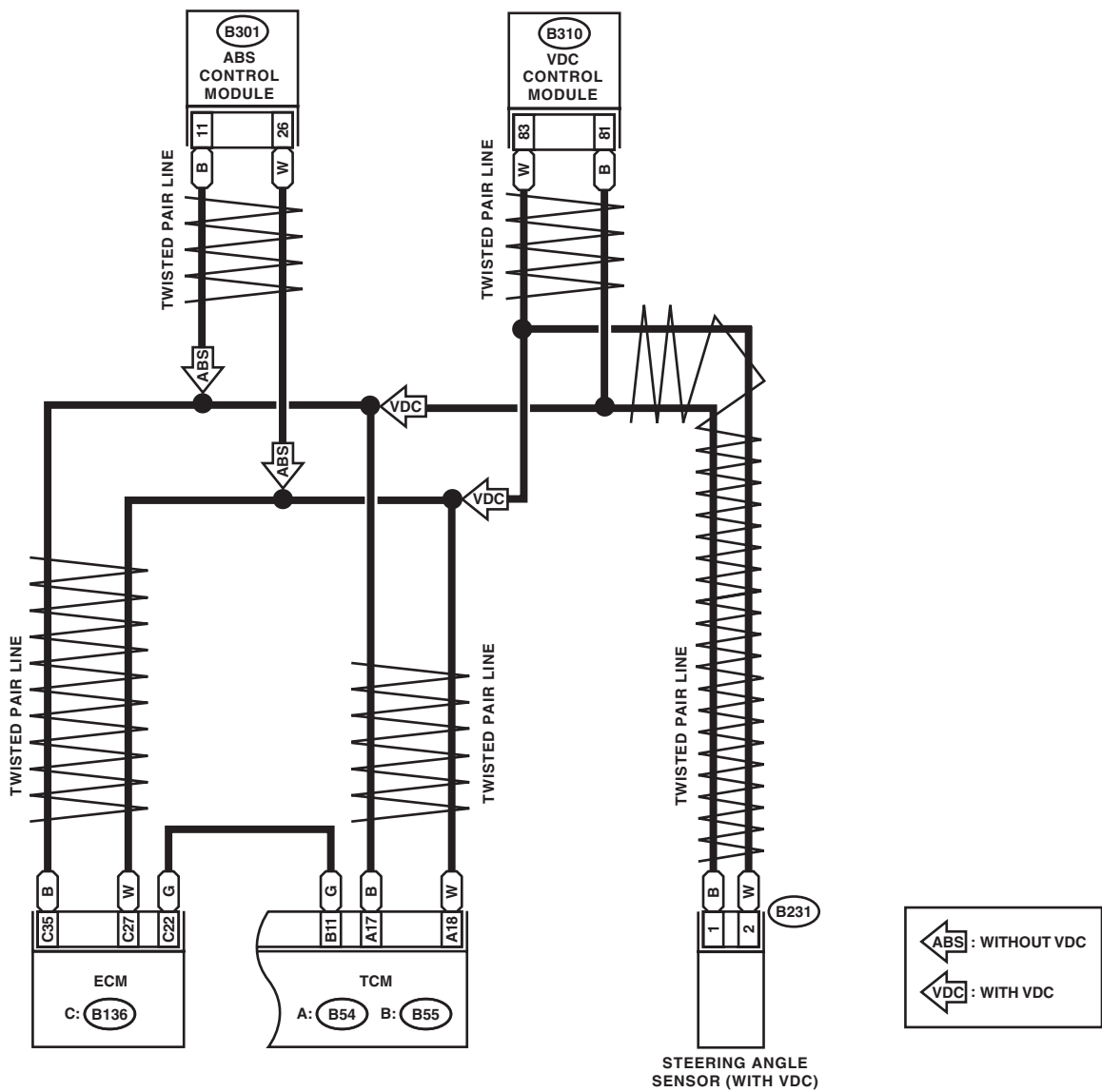
WI-11609

Engine Electrical System

WIRING SYSTEM

E/G(TB)-13

E/G(TB)-13



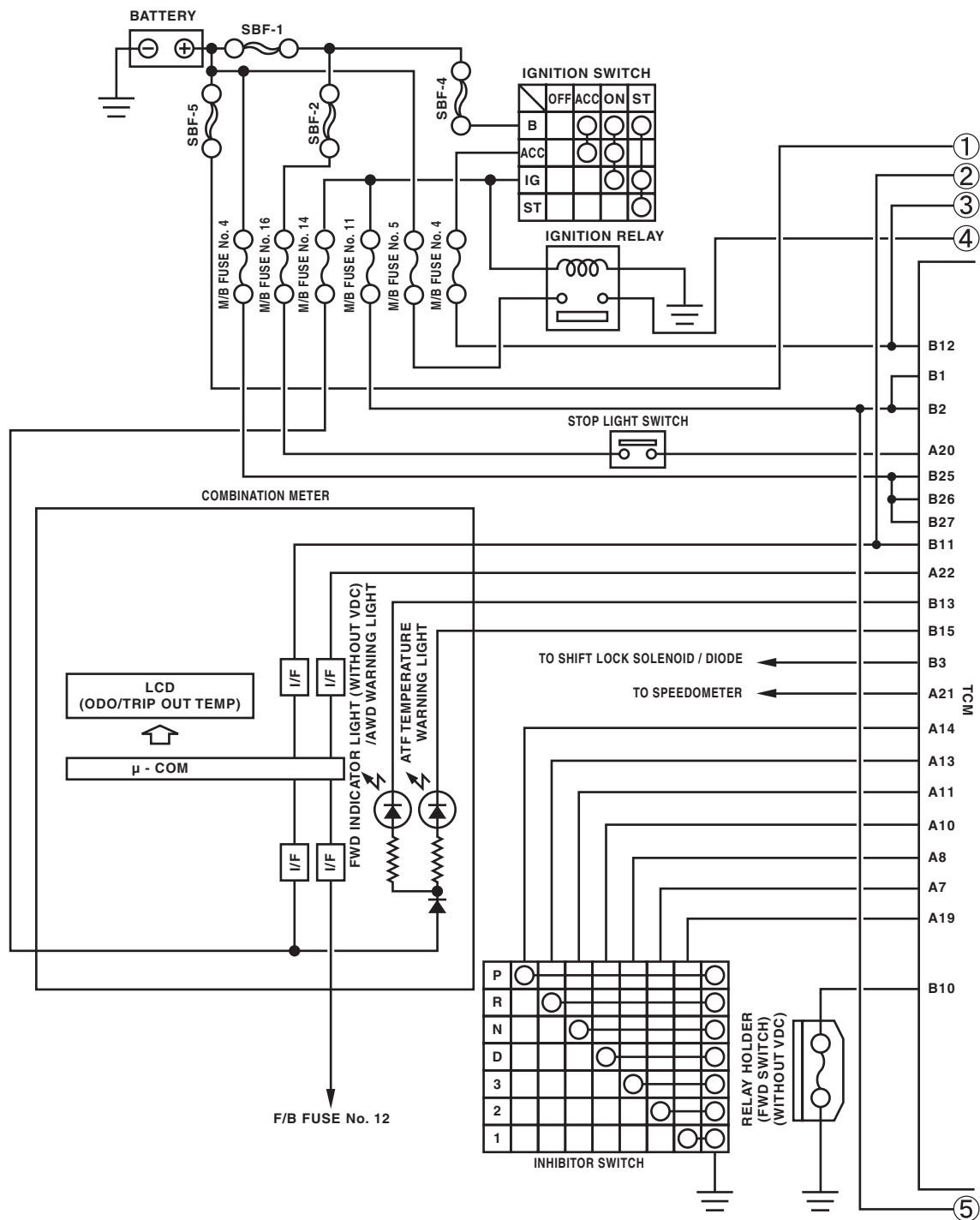
WI-11610

AT Control System

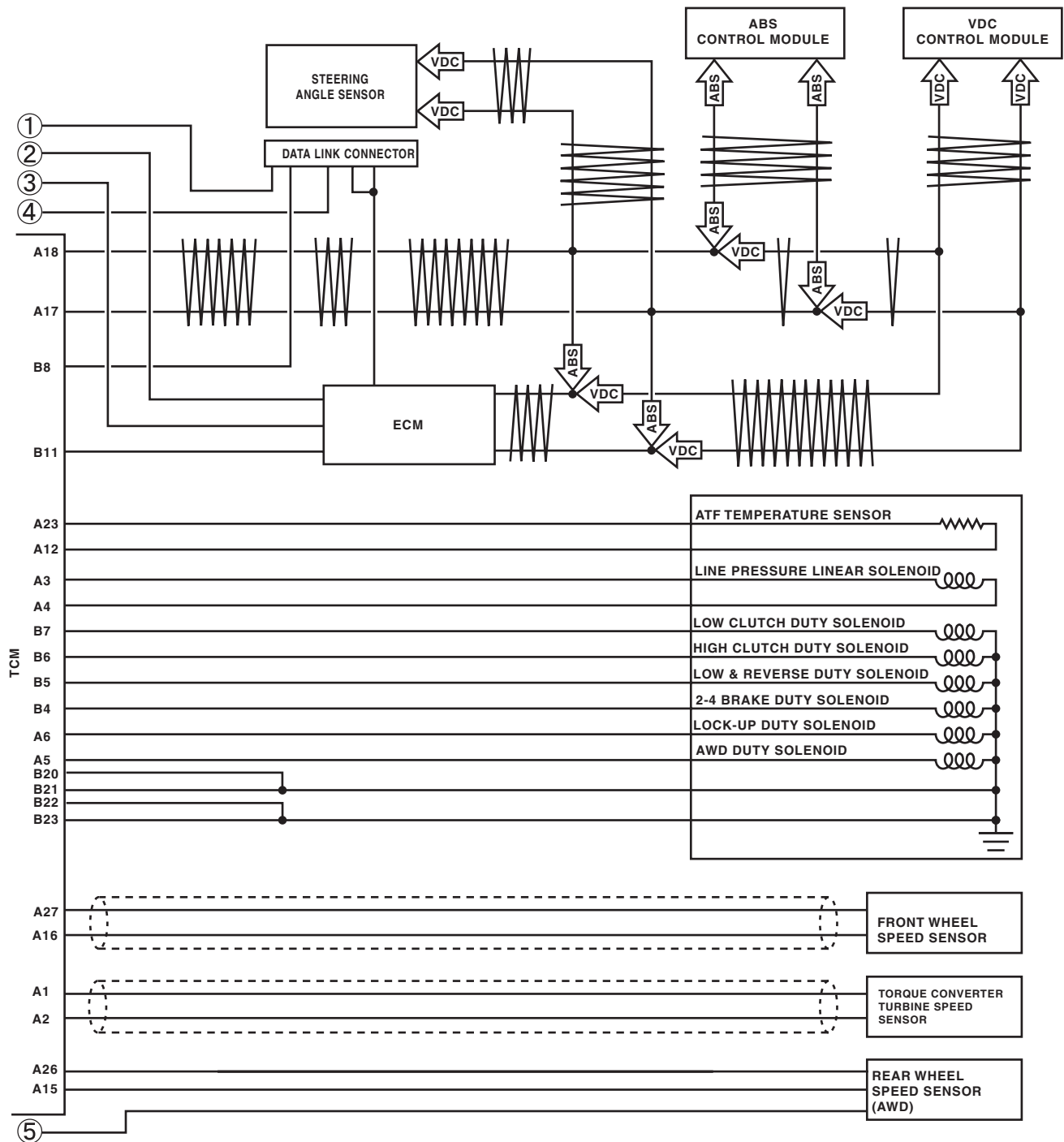
WIRING SYSTEM

6. AT Control System

A: WIRING DIAGRAM



WI-08371A



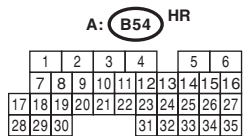
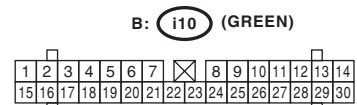
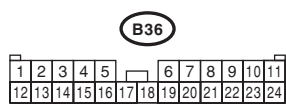
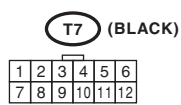
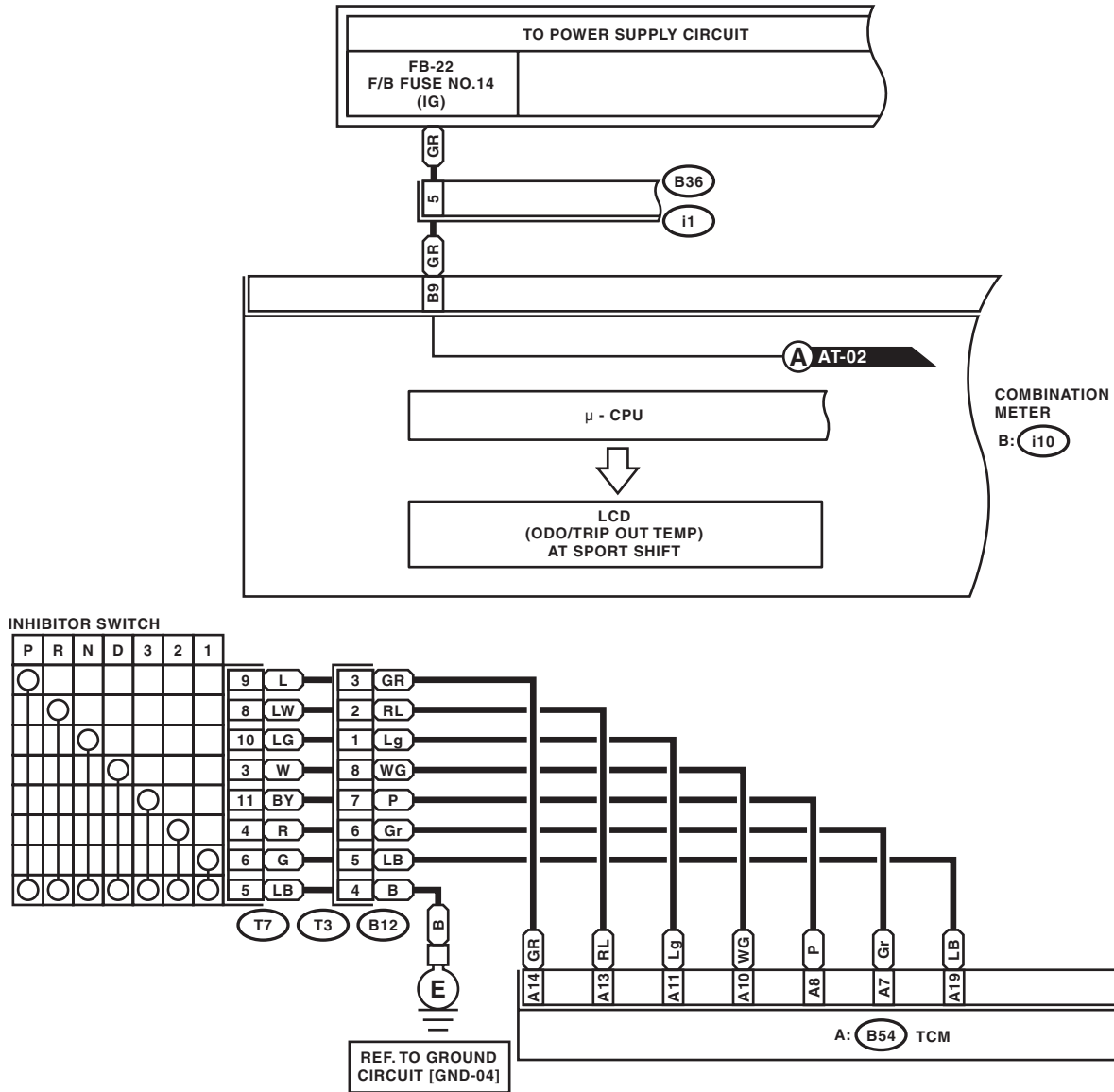
WI-12357

AT Control System

WIRING SYSTEM

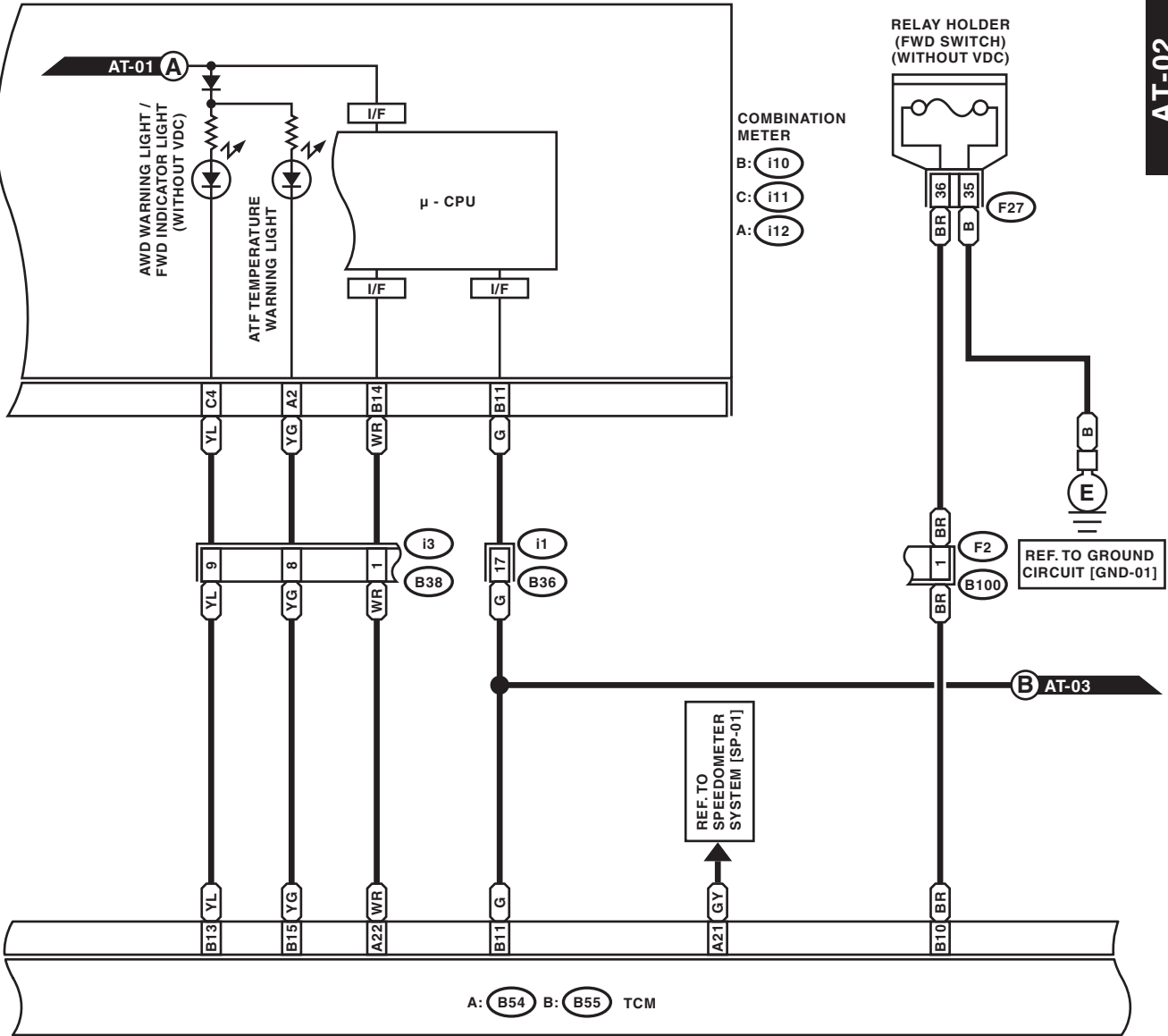
AT-01

AT-01

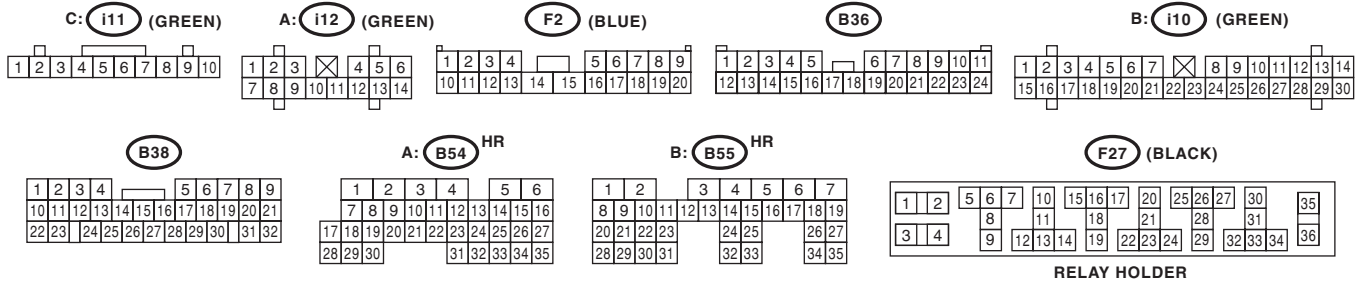


WI-11611

AT-02



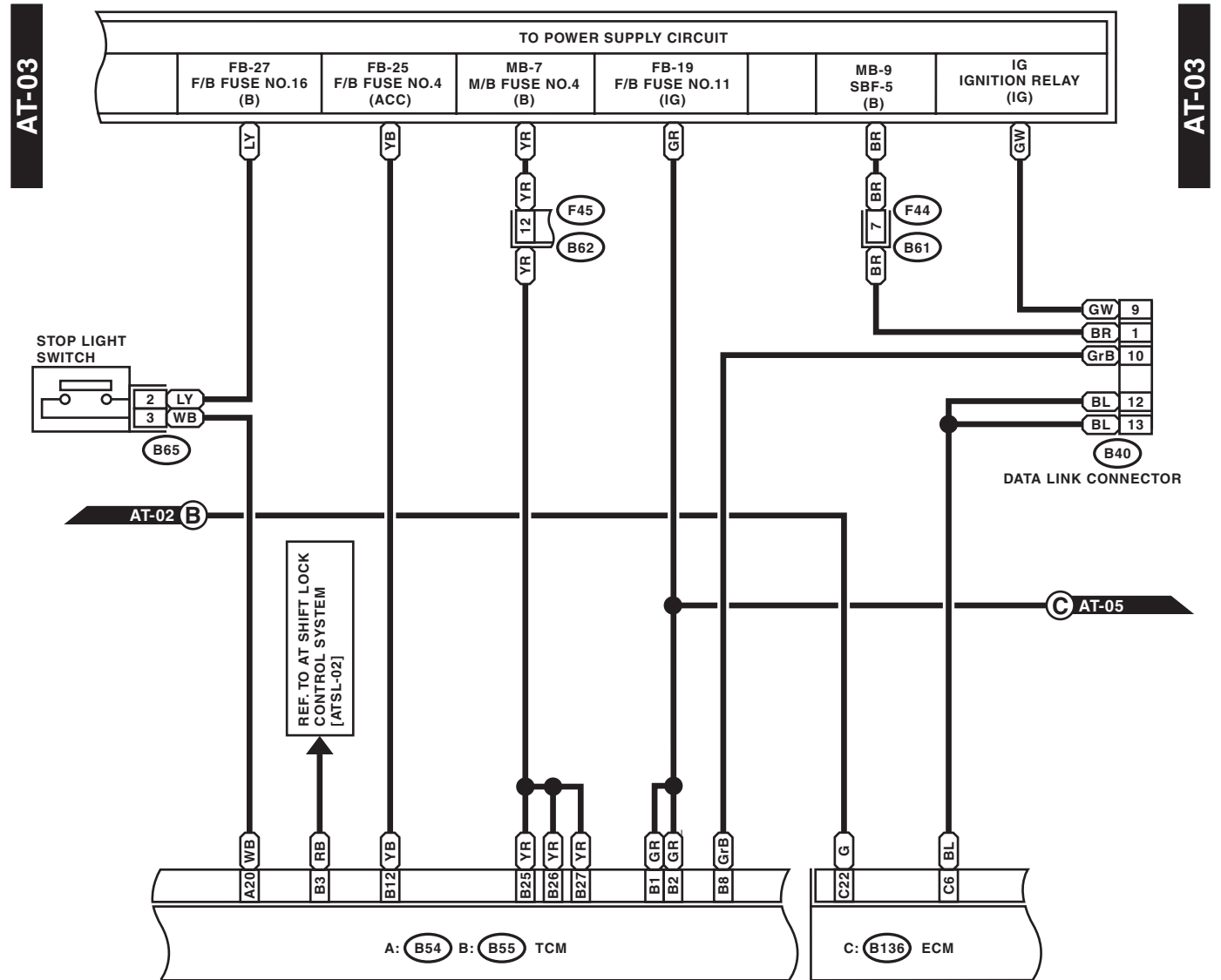
AT-02



WI-11612

AT Control System

WIRING SYSTEM



B65 (BLACK)

1	2
3	4

F44 (BLACK)

1	2	3	4
5	6	7	8

B40 (BLACK)

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

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

A: B54 HR

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

B: B55 HR

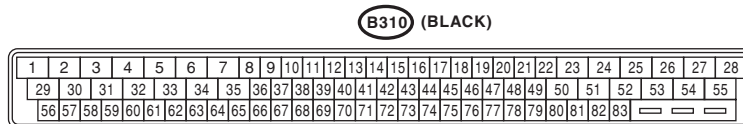
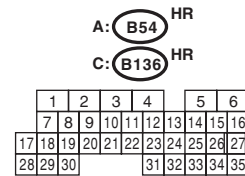
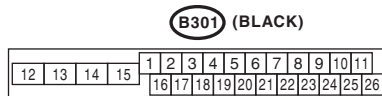
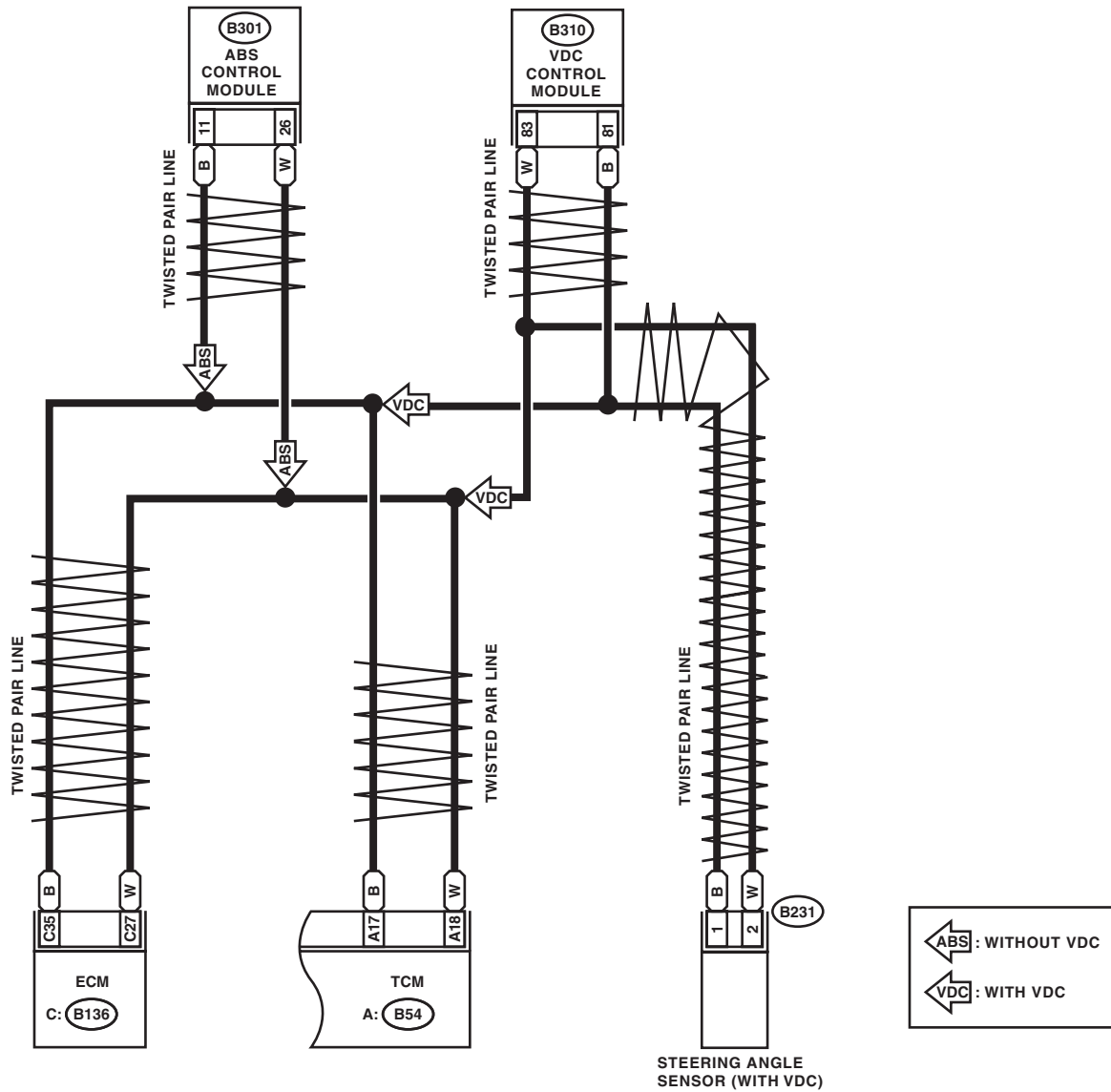
C: B136 HR

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-11613

AT-04

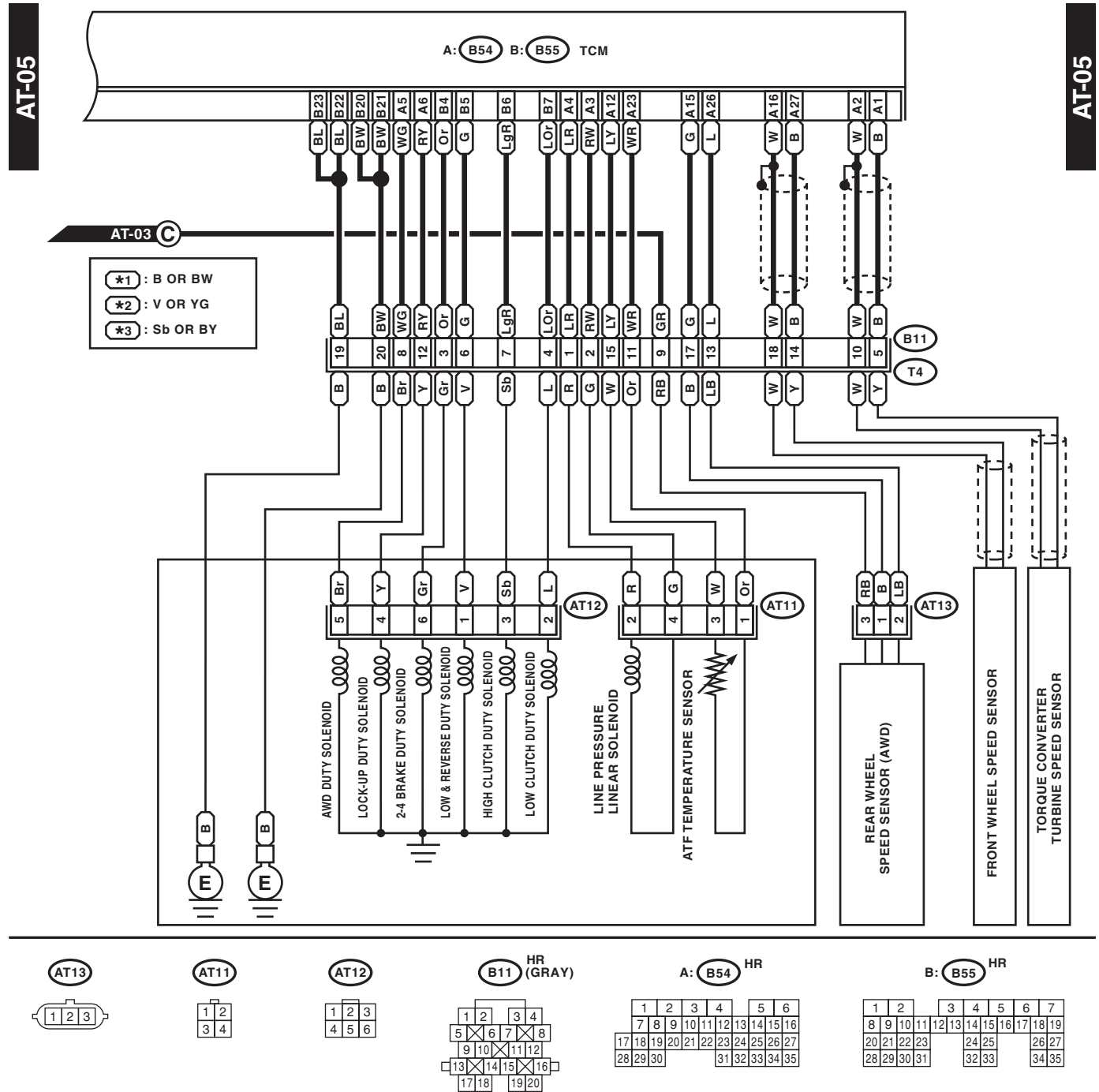
AT-04



WI-11614

AT Control System

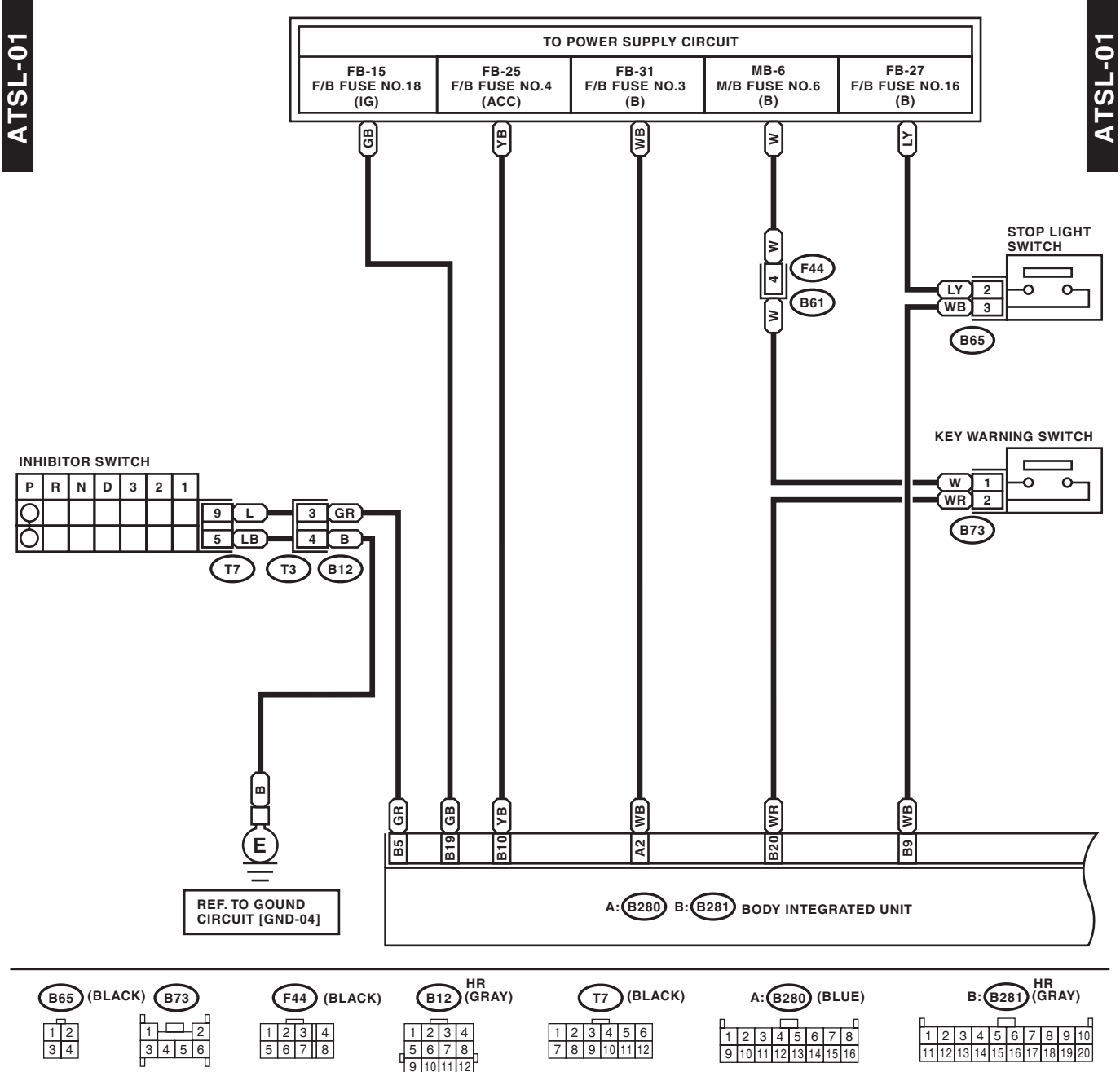
WIRING SYSTEM



WI-11615

7. AT Shift Lock Control System

A: WIRING DIAGRAM

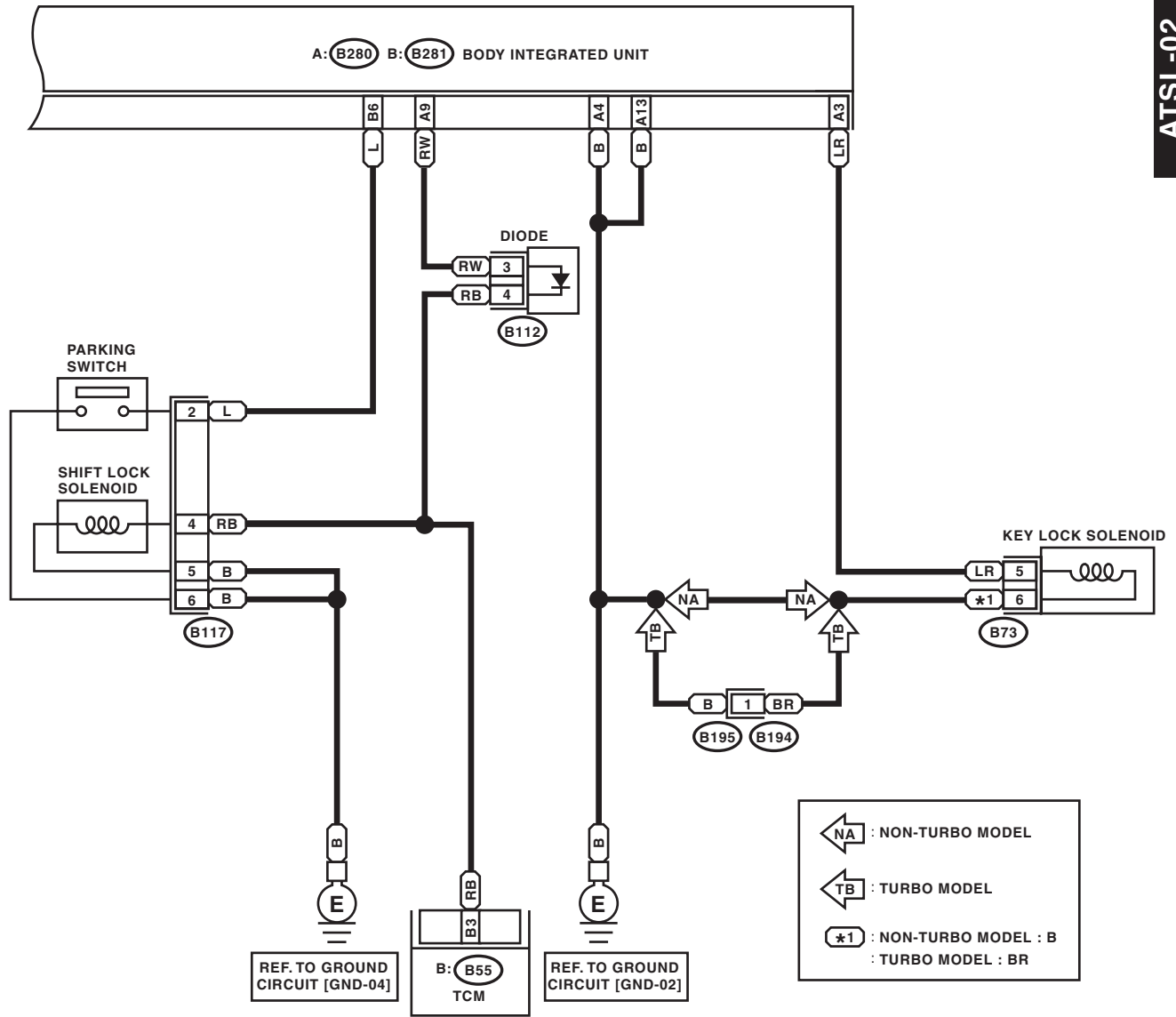


AT Shift Lock Control System

WIRING SYSTEM

ATSL-02

ATSL-02

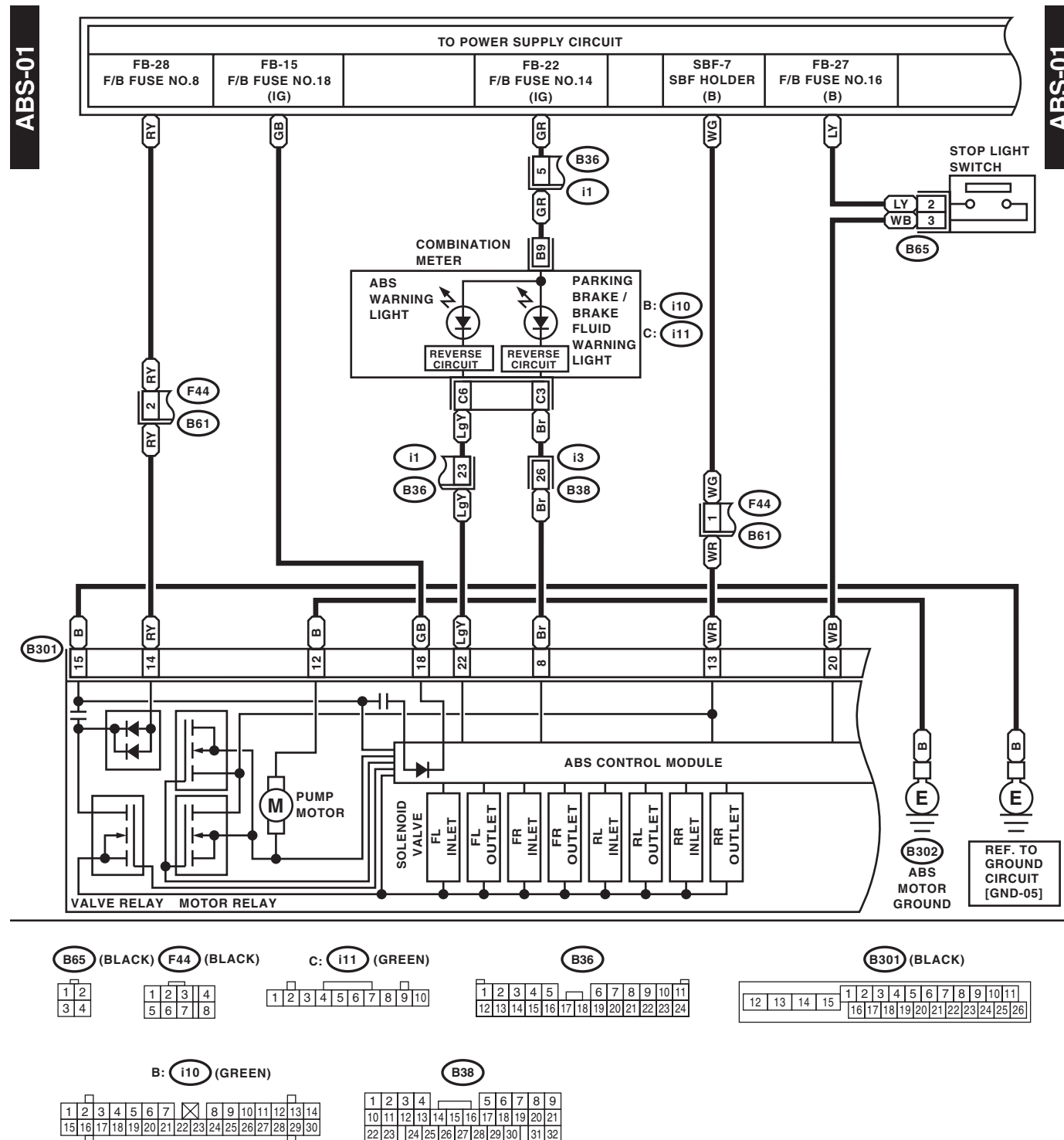


B194 (BLACK)		B112 (BROWN)				B73				B117		A: B280 (BLUE)								B: B281 ^{HR} (GRAY)										B: B55 ^{HR}									
1	2	1				2	3	4	1		2	1	2	3	4	5	6	7	8	1		2	3	4	5	6	7	8	9	10	1		2	3	4	5	6	7	

WI-11617

8. Anti-lock Brake System

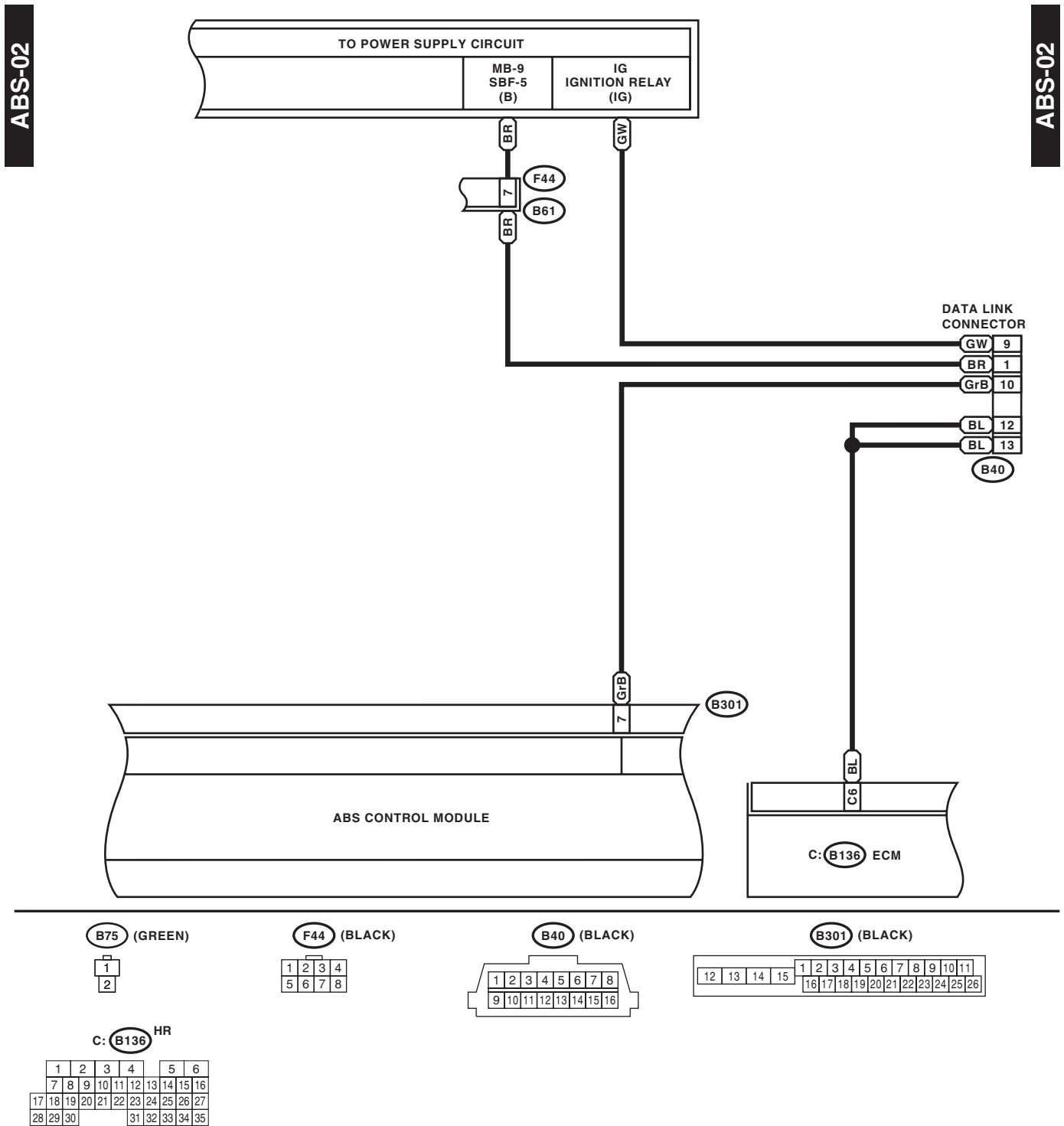
A: WIRING DIAGRAM



WI-08379

Anti-lock Brake System

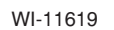
WIRING SYSTEM



WI-11618

WIRING SYSTEM

ABS-03



WIRING SYSTEM

ABS-04



A: **B54** HR

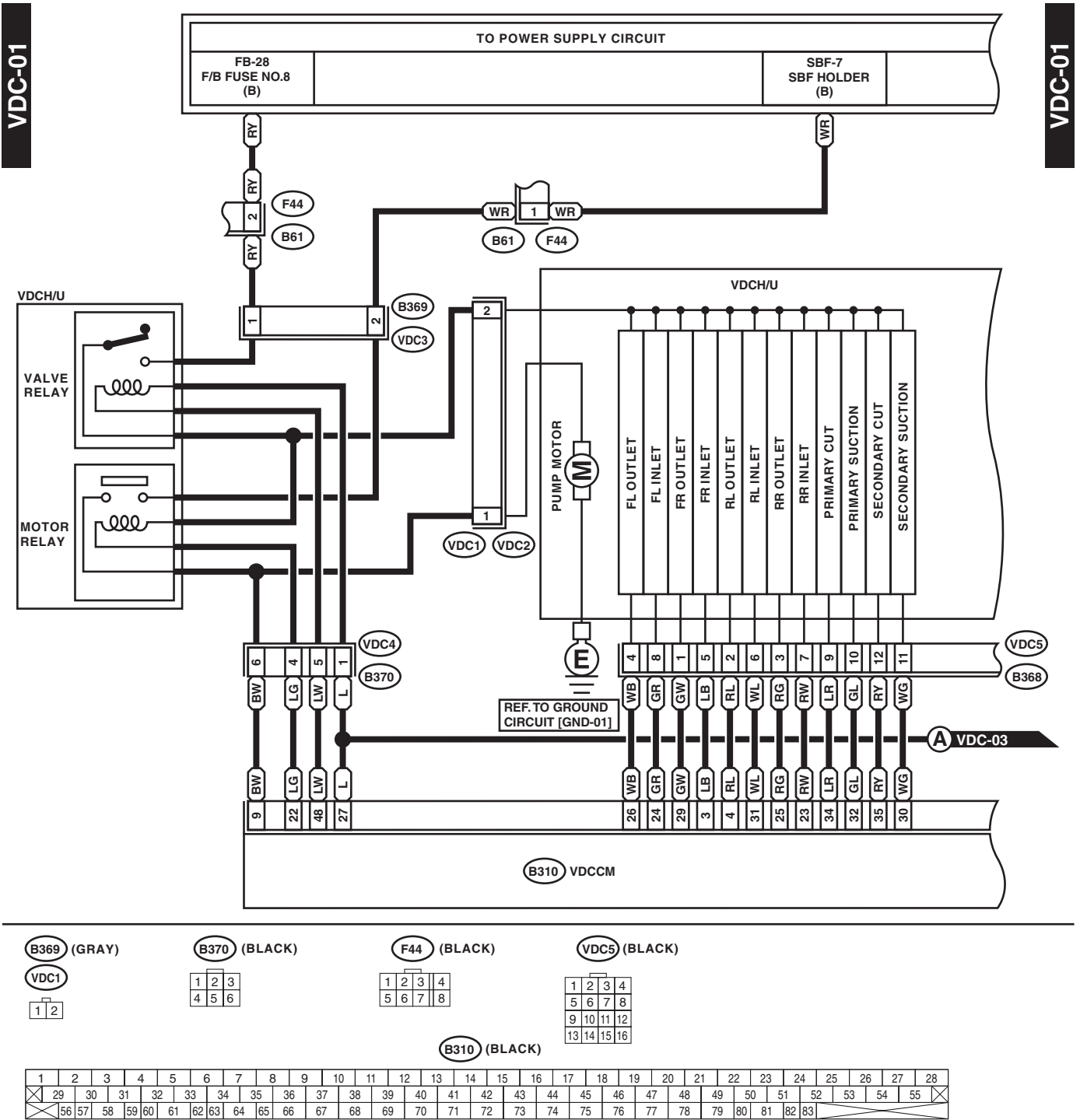
C: **B136** HR

	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-74

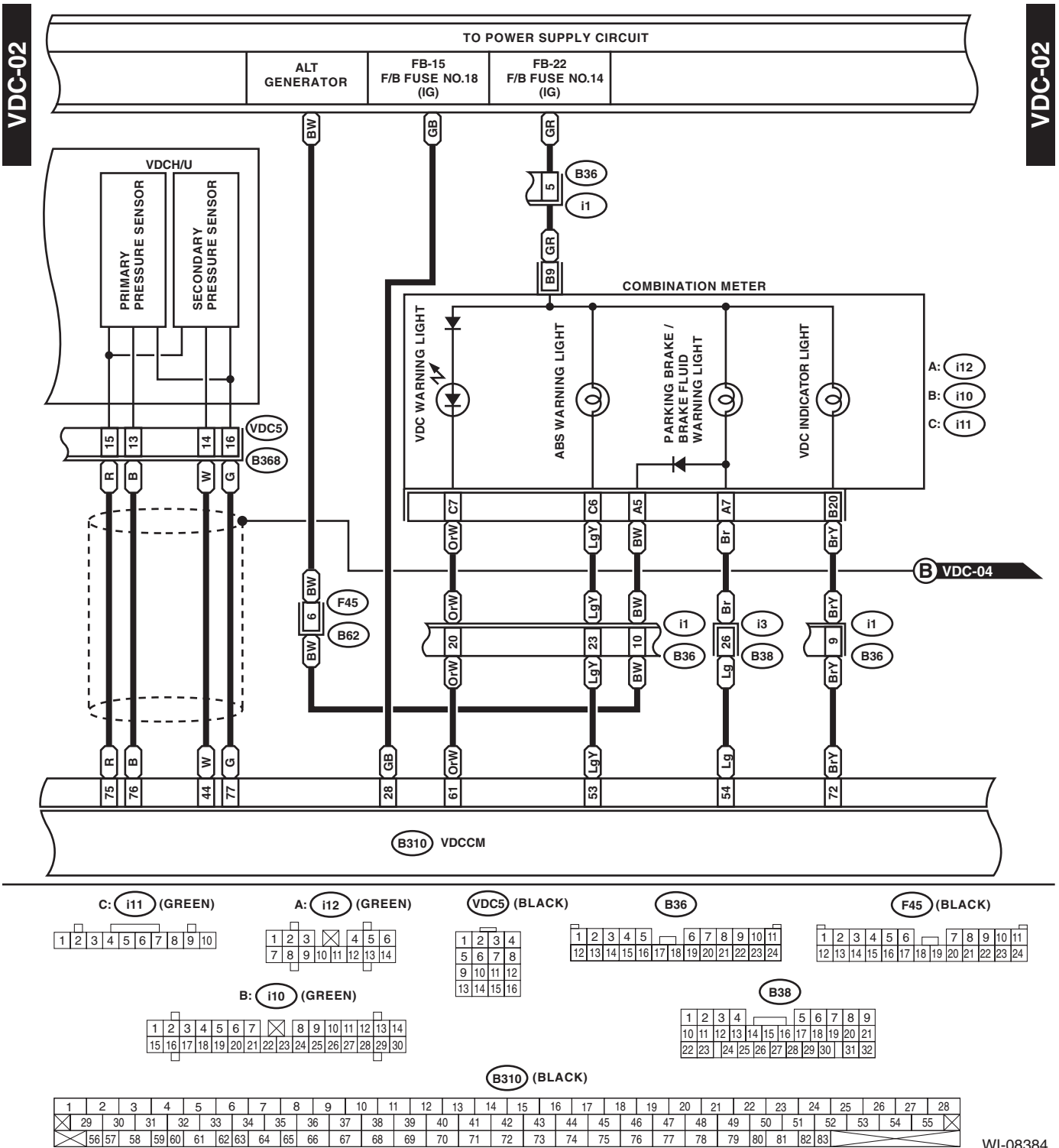
9. Vehicle Dynamics Control System

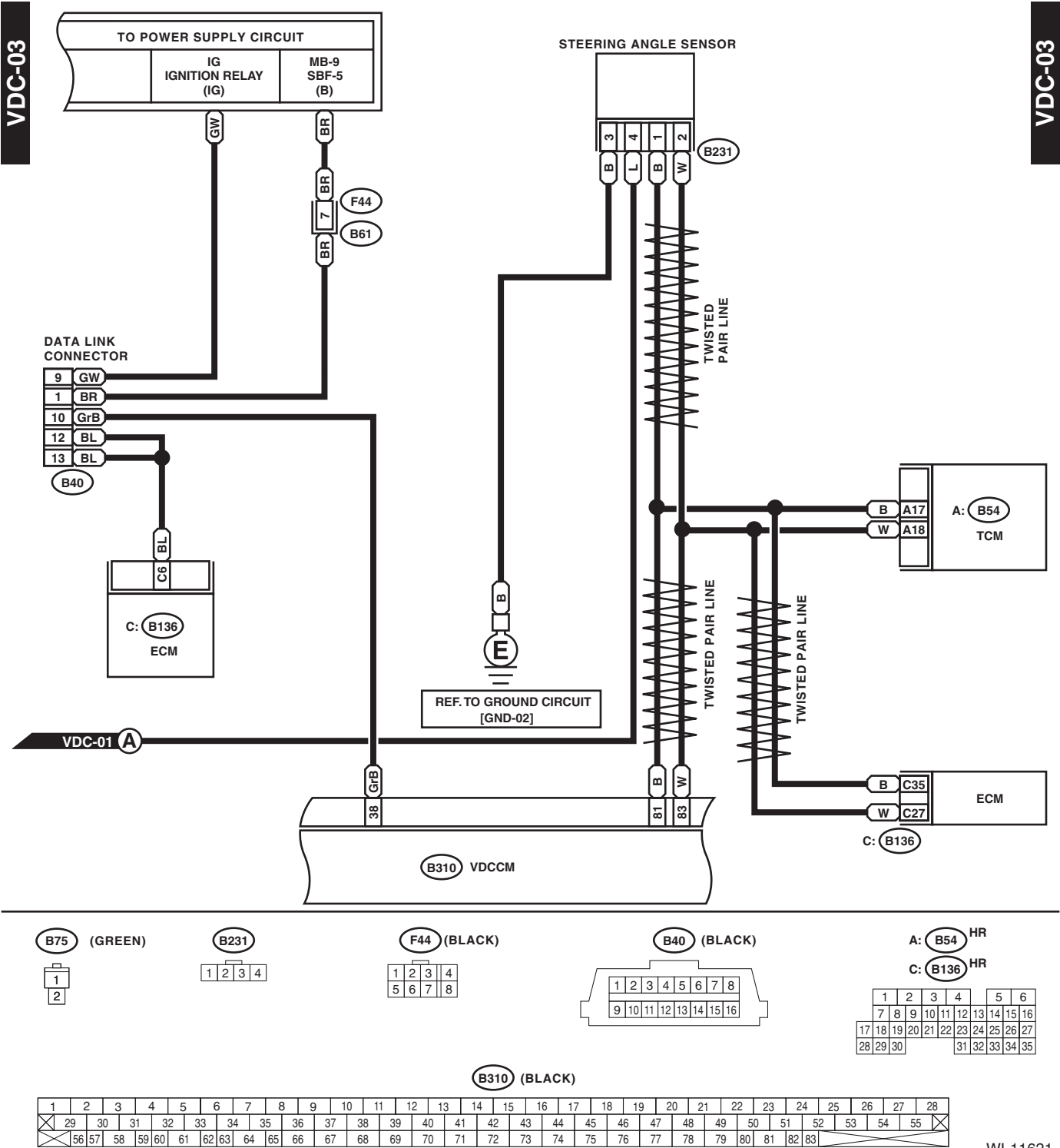
A: WIRING DIAGRAM



Vehicle Dynamics Control System

WIRING SYSTEM

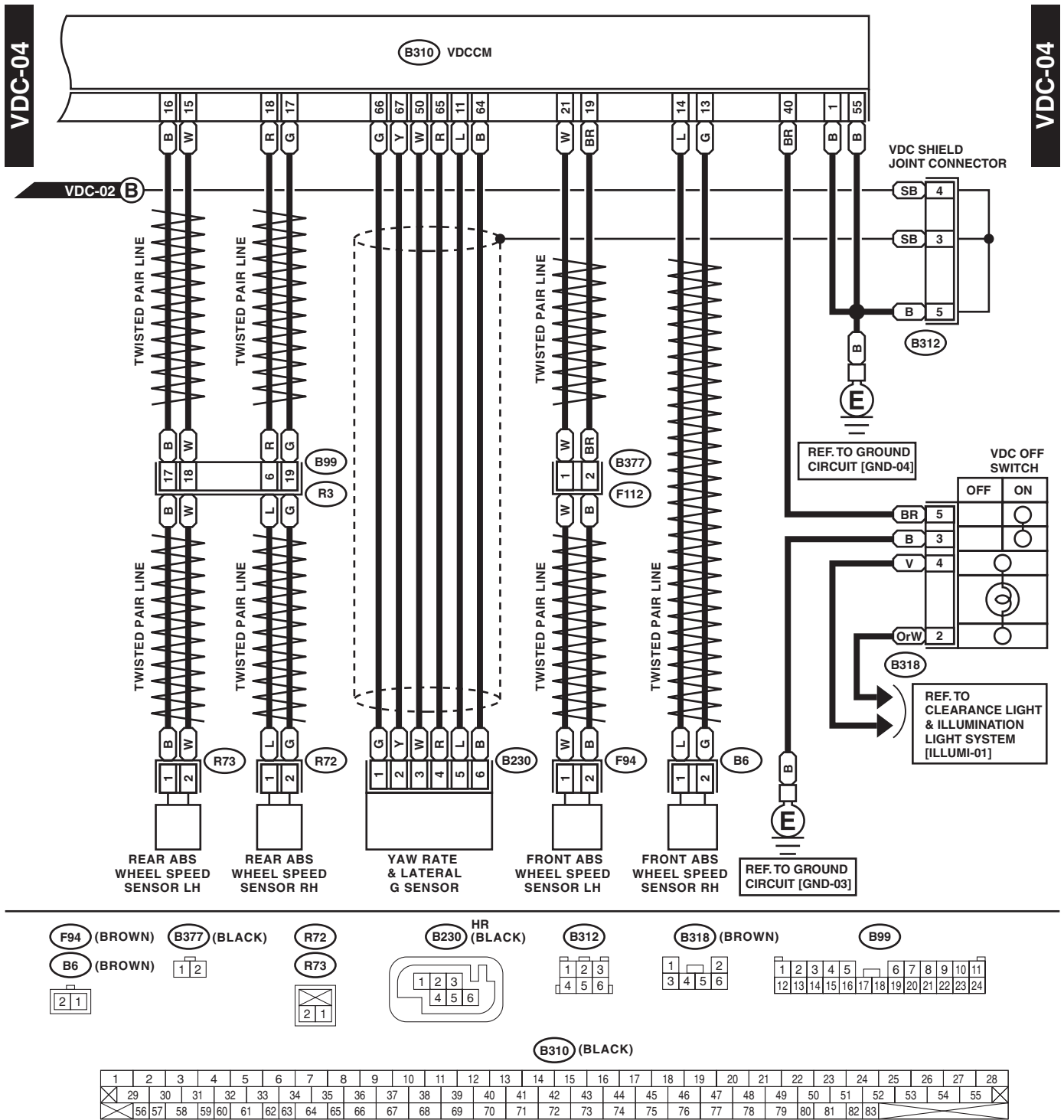




WI-11621

Vehicle Dynamics Control System

WIRING SYSTEM

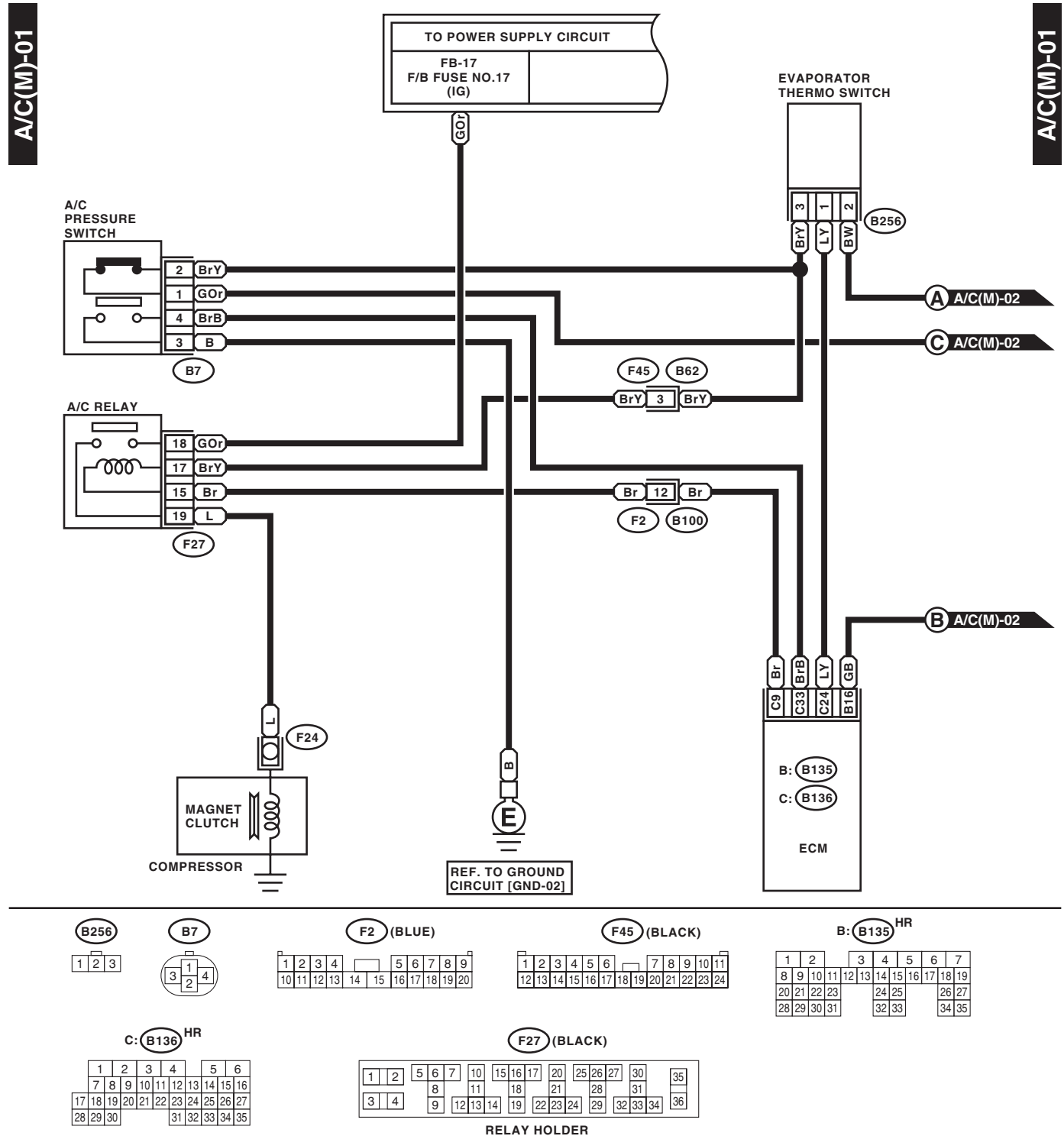


WI-11622

10. Air Conditioning System

A: WIRING DIAGRAM

1. MANUAL A/C MODEL



WI-11623

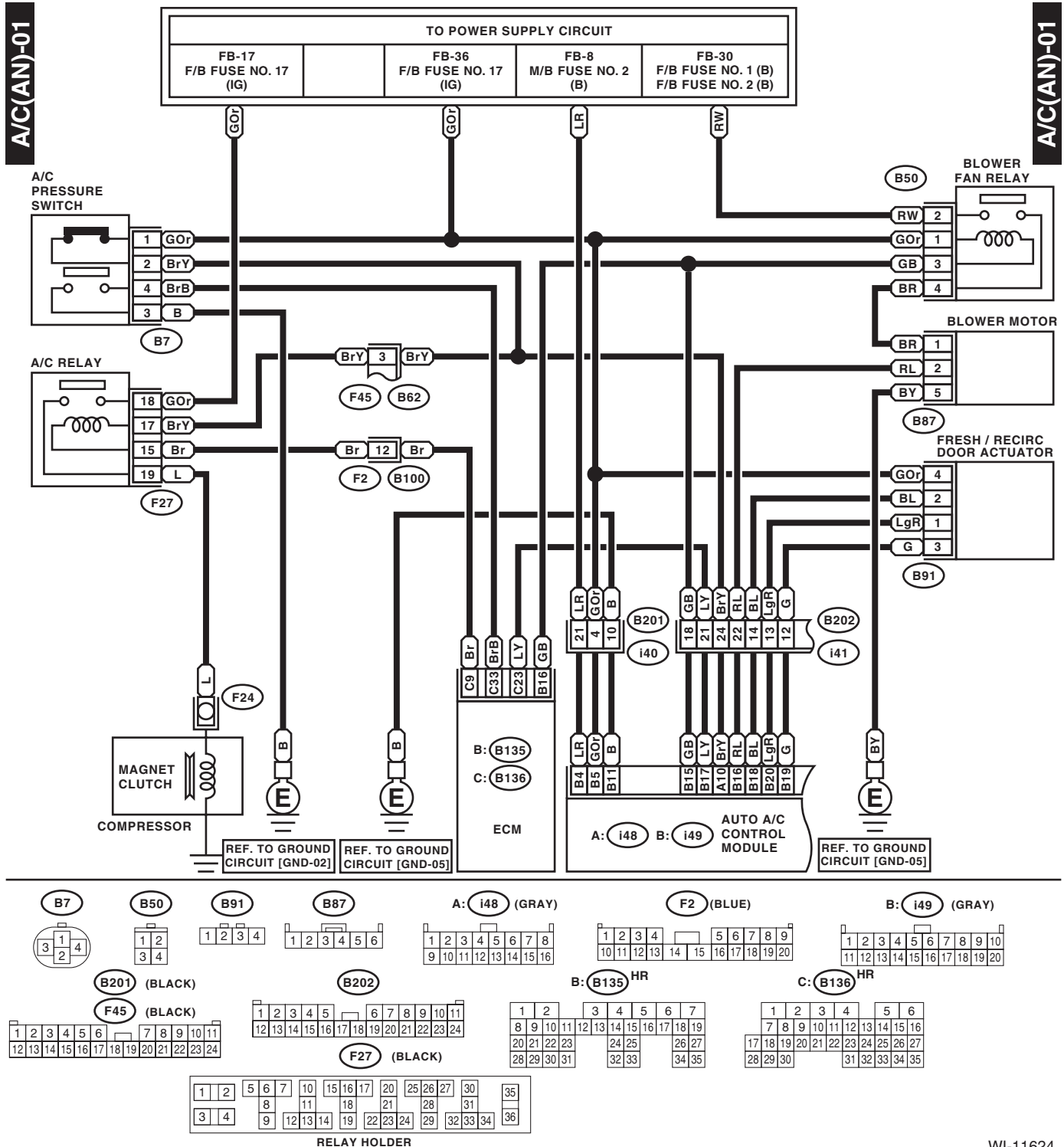
WIRING SYSTEM



Air Conditioning System

WIRING SYSTEM

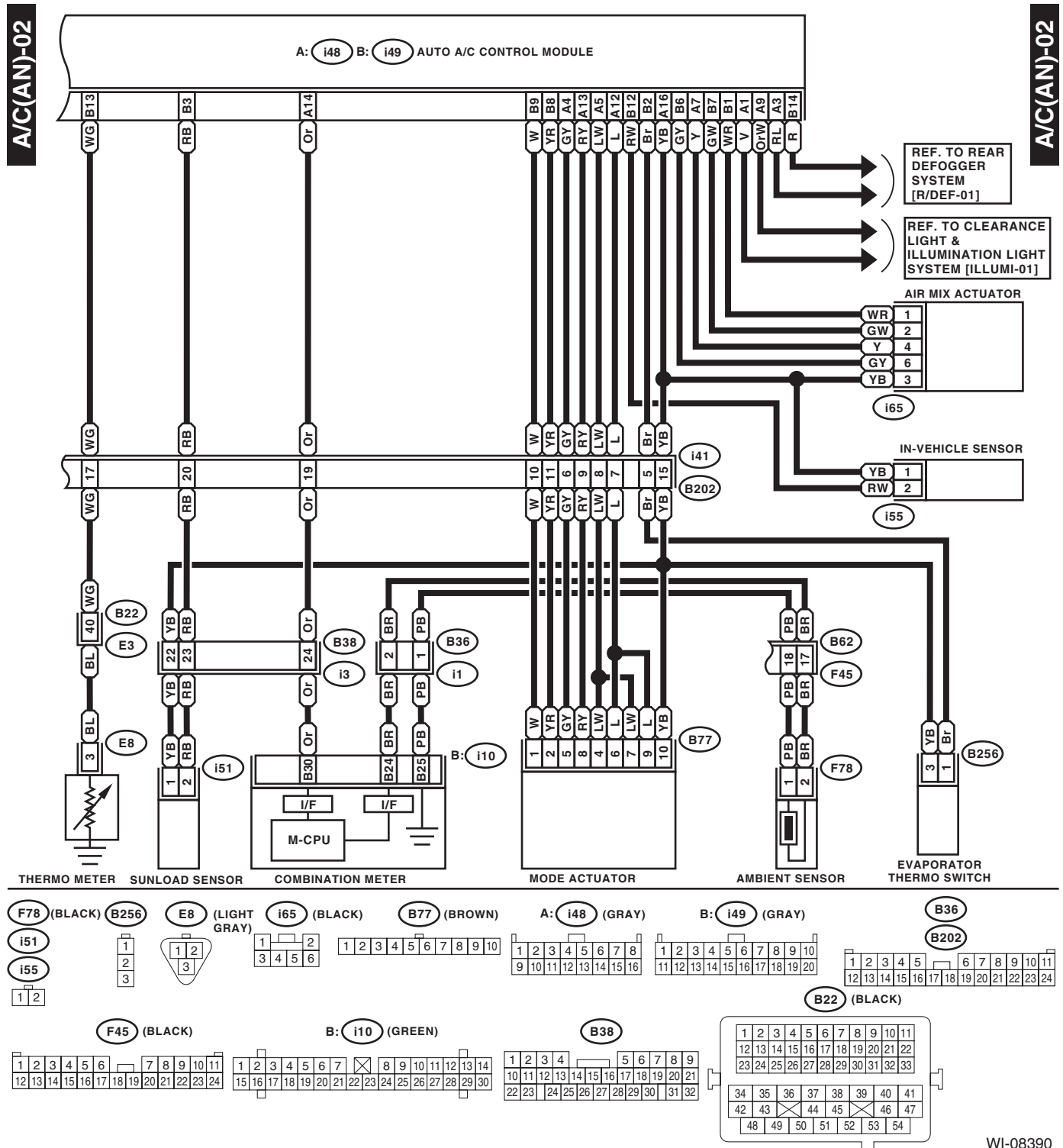
2. AUTO A/C NON-TURBO MODEL



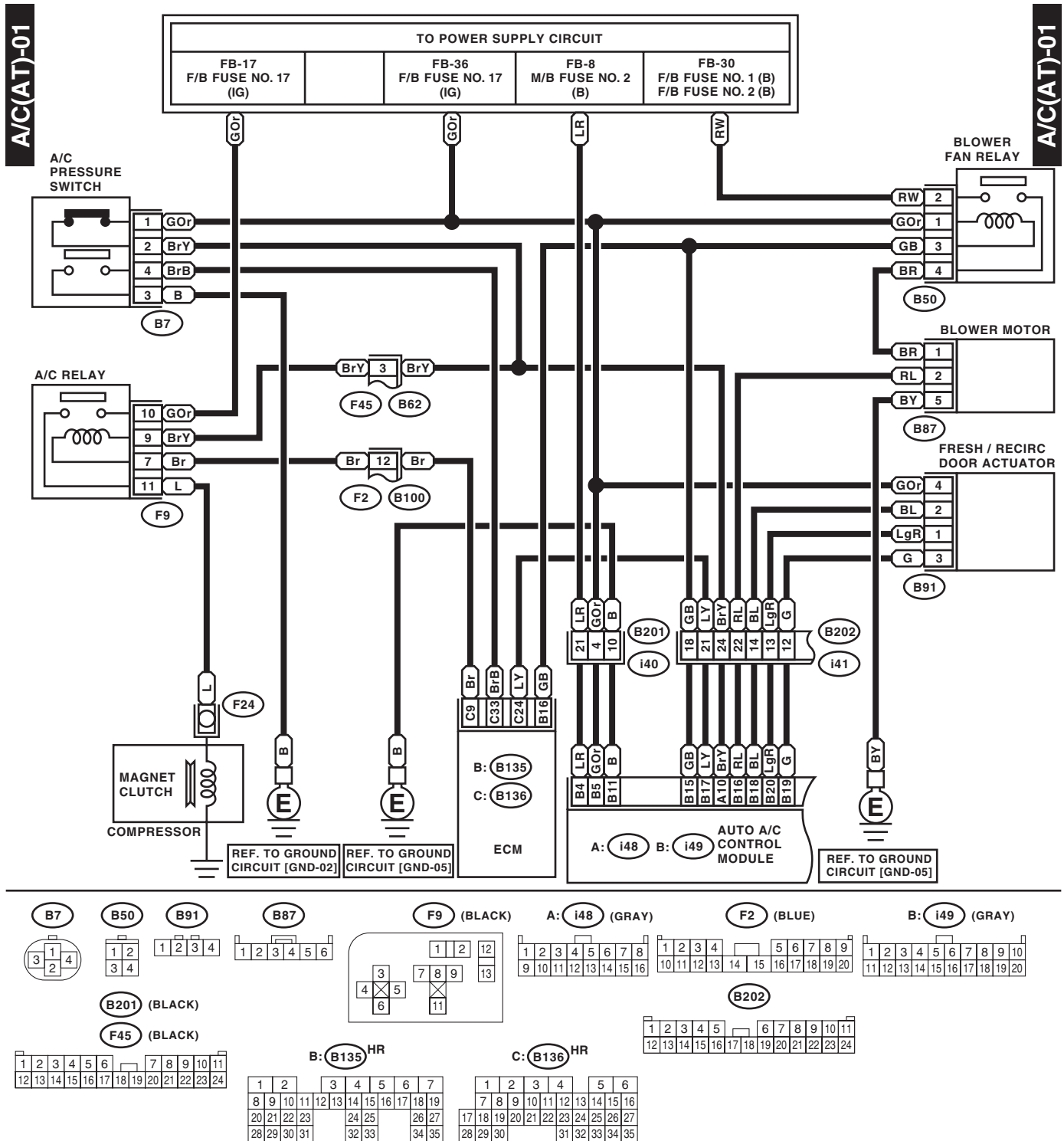
WI-11624

Air Conditioning System

WIRING SYSTEM



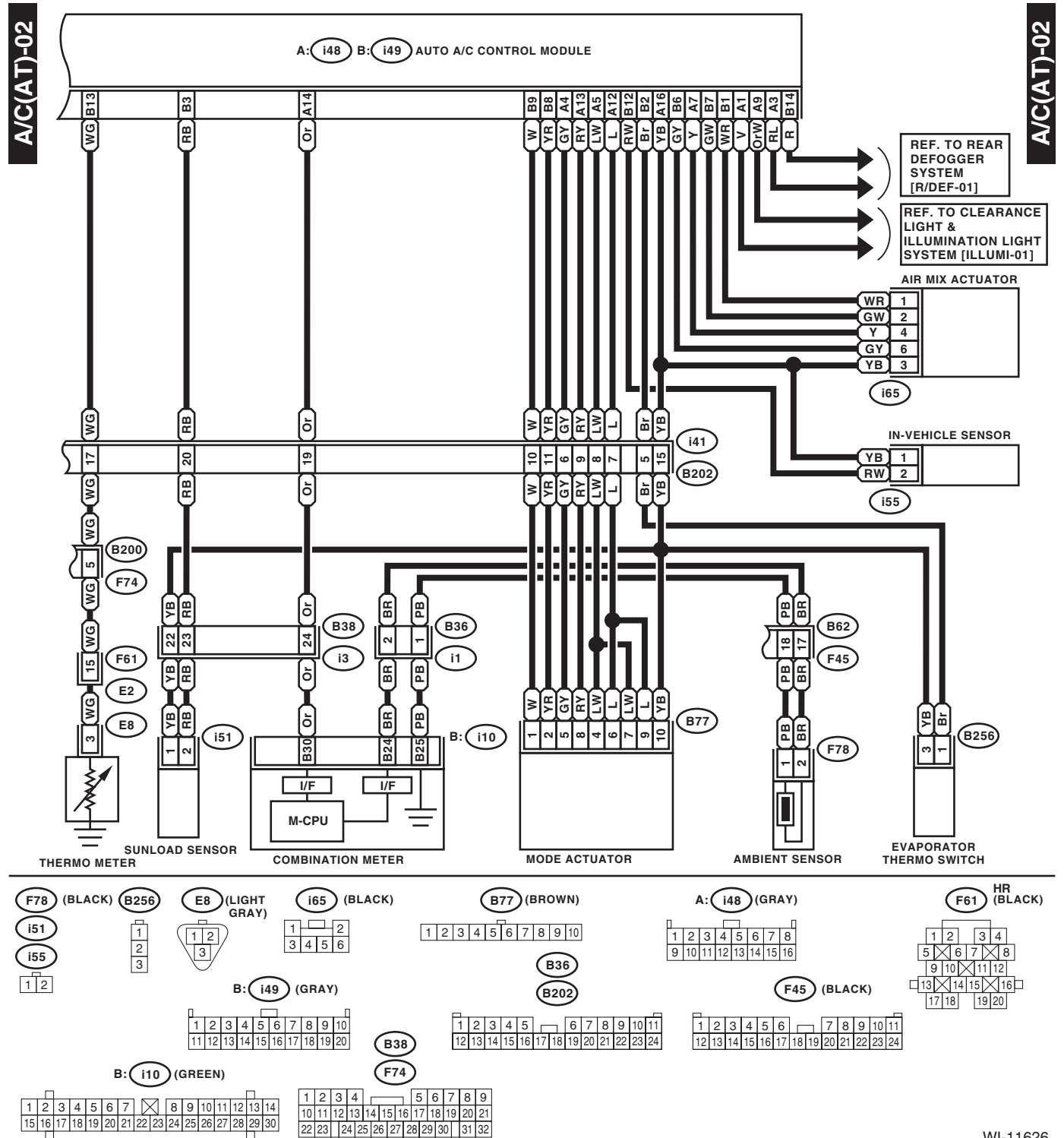
3. AUTO A/C TURBO MODEL



WI-11625

Air Conditioning System

WIRING SYSTEM

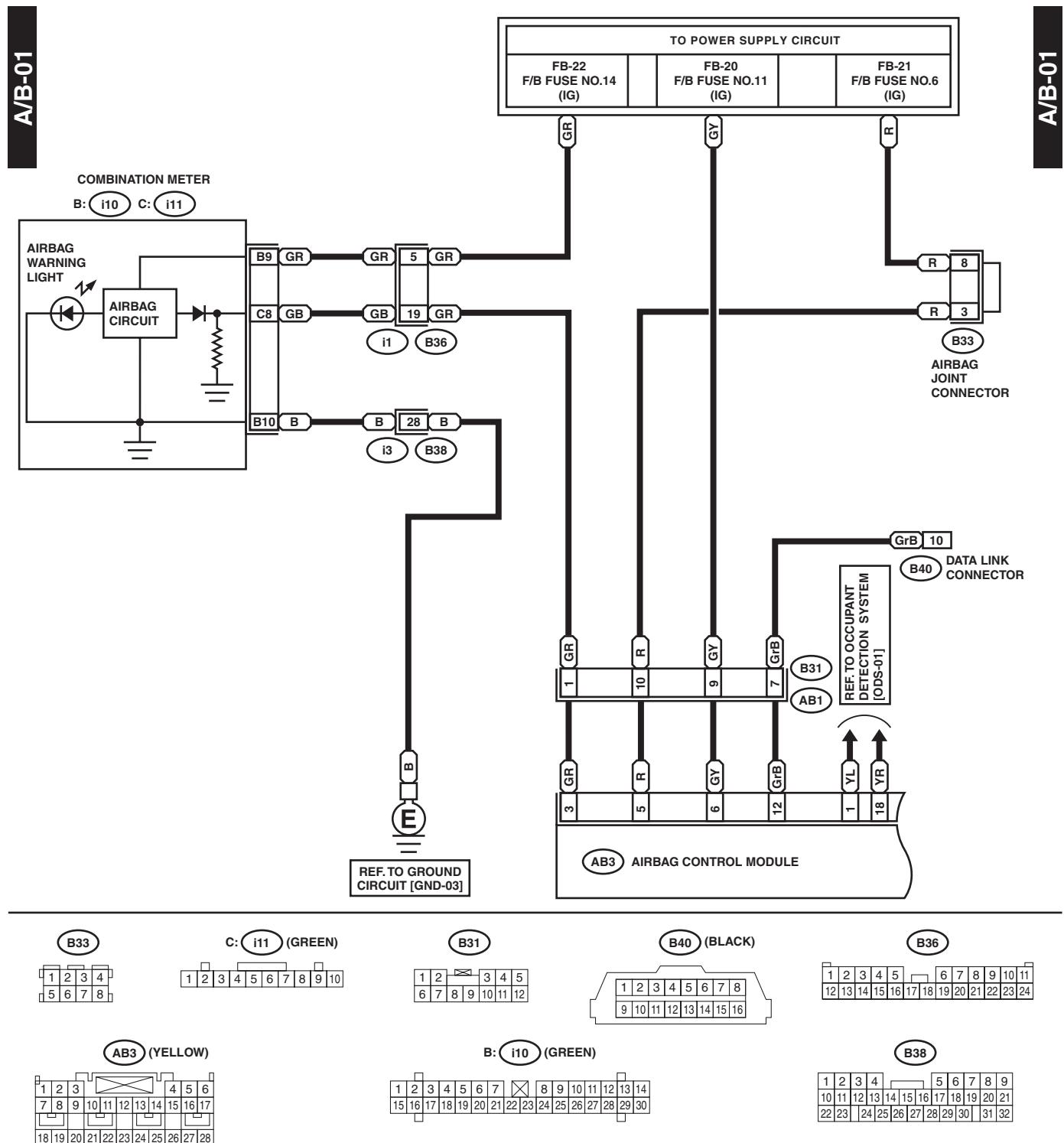


WI-11626

11. Airbag System

A: WIRING DIAGRAM

1. VEHICLES PRIOR TO V.I.N. 733000



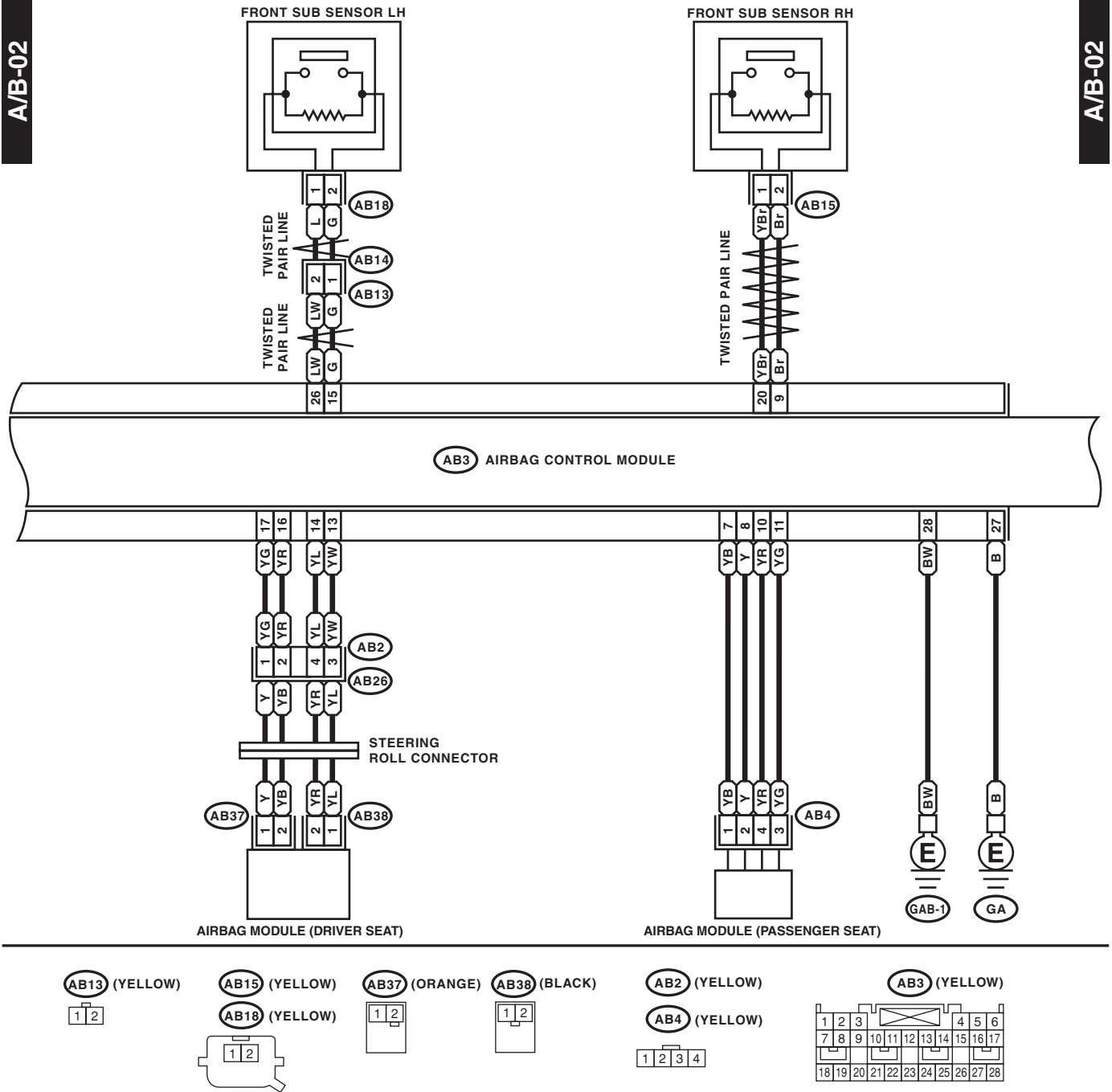
WI-08393

WIRING SYSTEM

WIRING SYSTEM

A/B-02

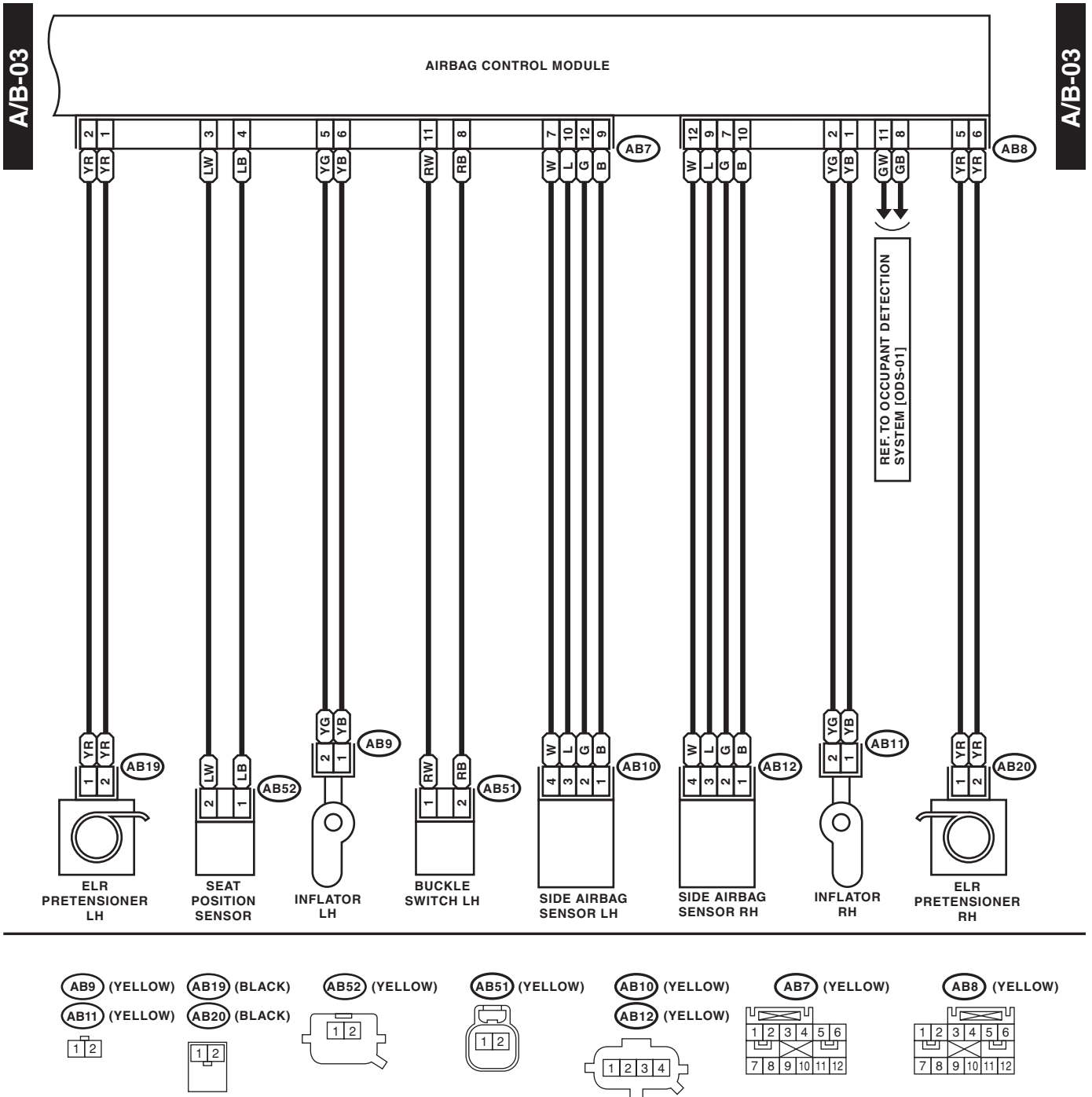
A/B-02



WI-16195

Airbag System

WIRING SYSTEM

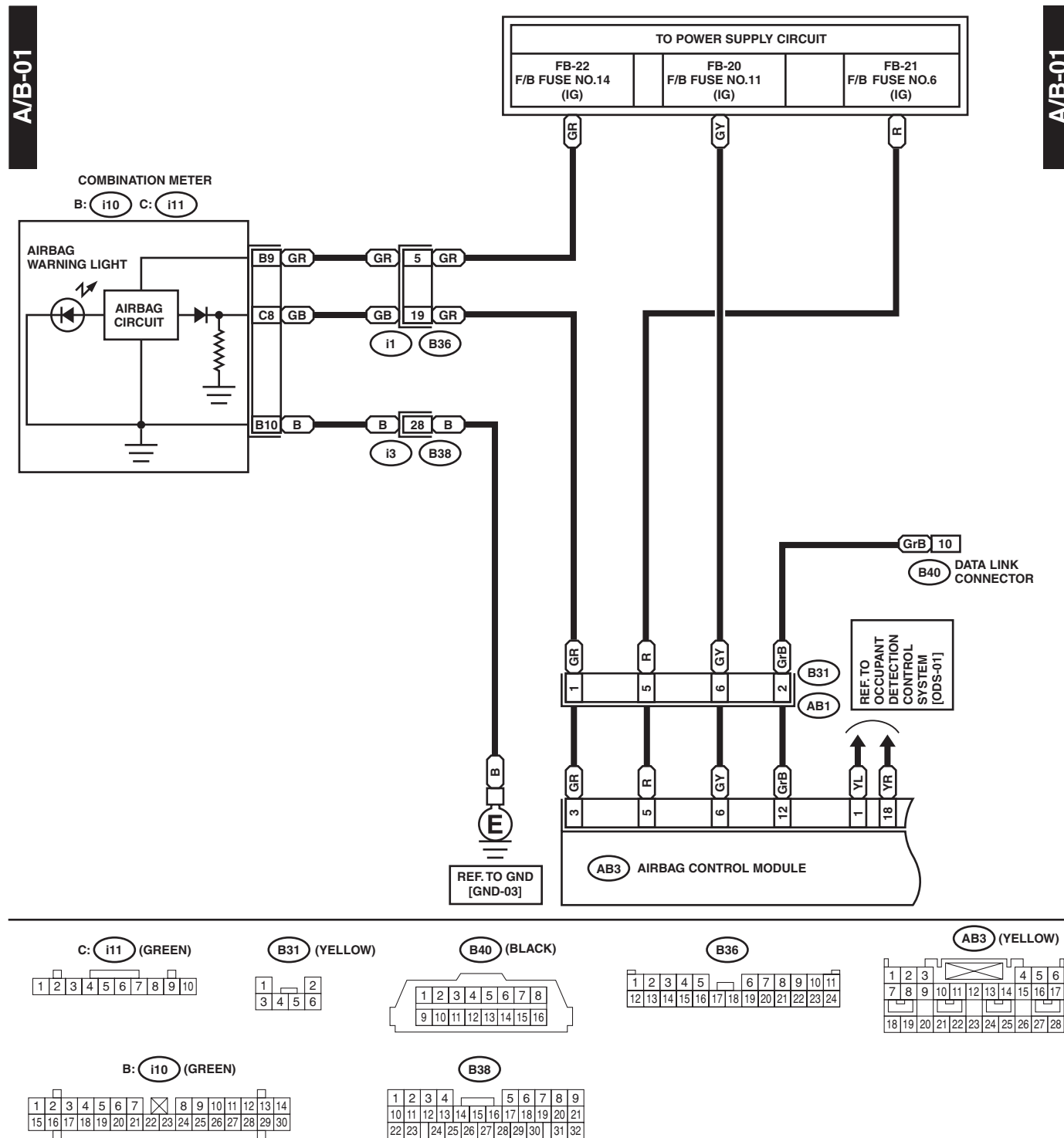


WI-10499

Airbag System

WIRING SYSTEM

2. VEHICLES AFTER V.I.N. 733001



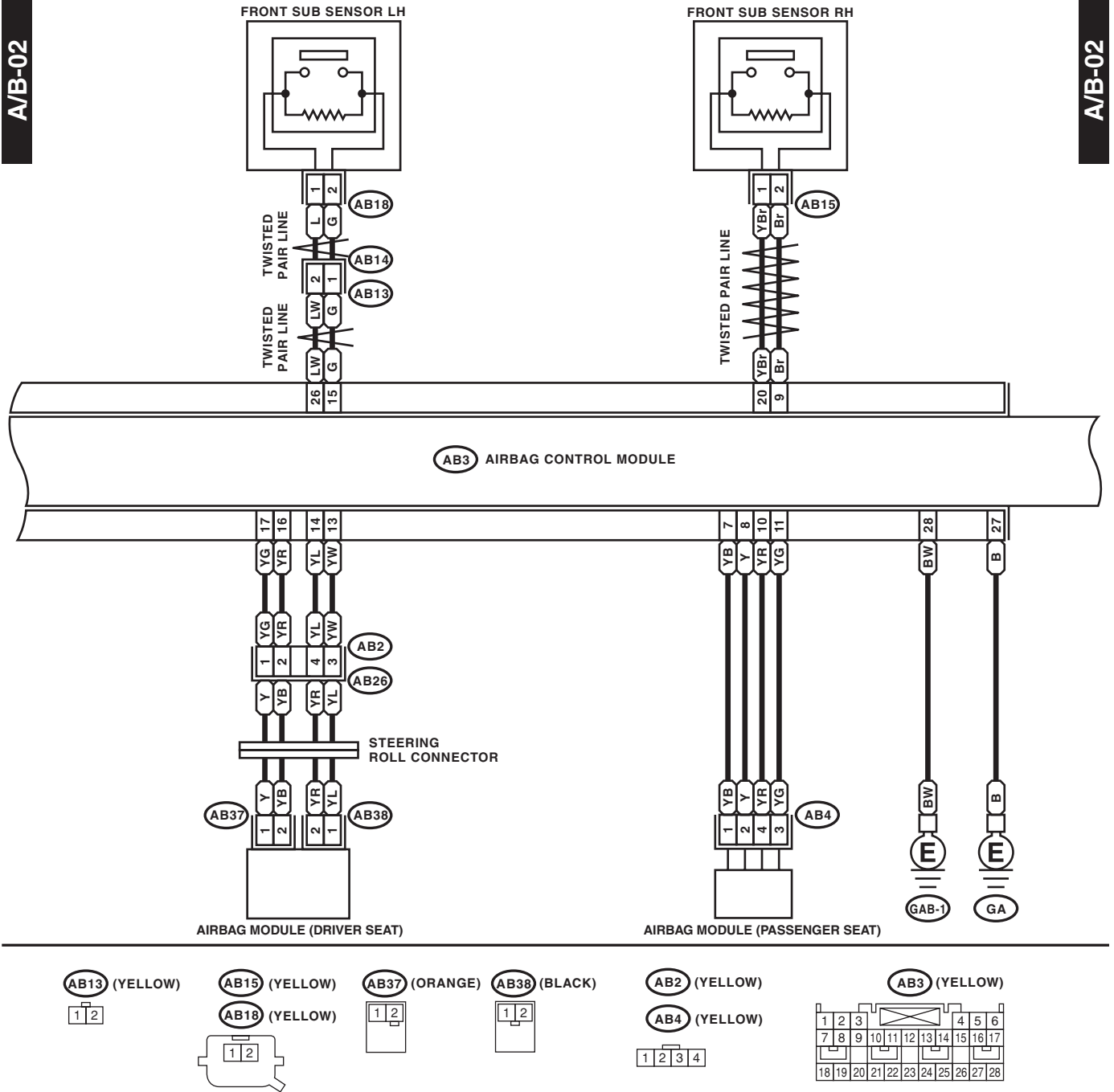
WI-10663

Airbag System

WIRING SYSTEM

A/B-02

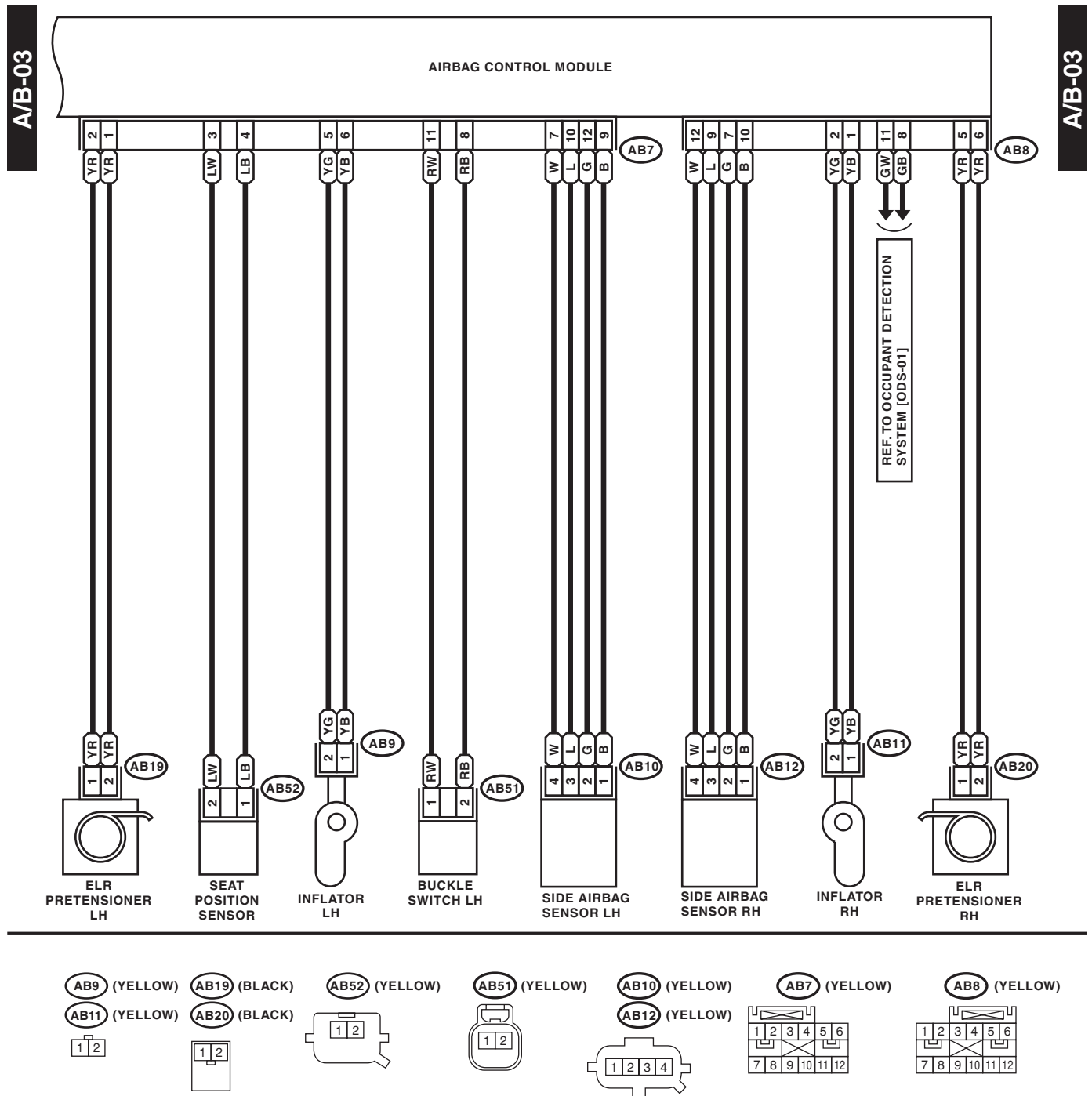
A/B-02



WI-16195

Airbag System

WIRING SYSTEM



WI-10499

A: WIRING DIAGRAM

Wiring Diagram for Airbag Control Module (AB3)

TO POWER SUPPLY CIRCUIT

FB-31 F/B FUSE NO.3 (B)	MB-9 SBF-5 (B)	FB-22 F/B FUSE NO.14 (IG)	FB-21 F/B FUSE NO.6 (IG)	IG IGNITION RELAY (IG)
-------------------------------	----------------------	---------------------------------	--------------------------------	------------------------------

DATA LINK CONNECTOR

1	13	12	10	9
BR	BL	BL	GrB	GW

BUCKLE SWITCH RH

1	2
AB55	R214

OCCUPANT DETECTION CONTROL MODULE

3	4	1	2
GW	GB	WB	R

AIRBAG CONTROL MODULE (AB3)

12	5	1	18
GrB	R	YL	YR

AIRBAG JOINT CONNECTOR

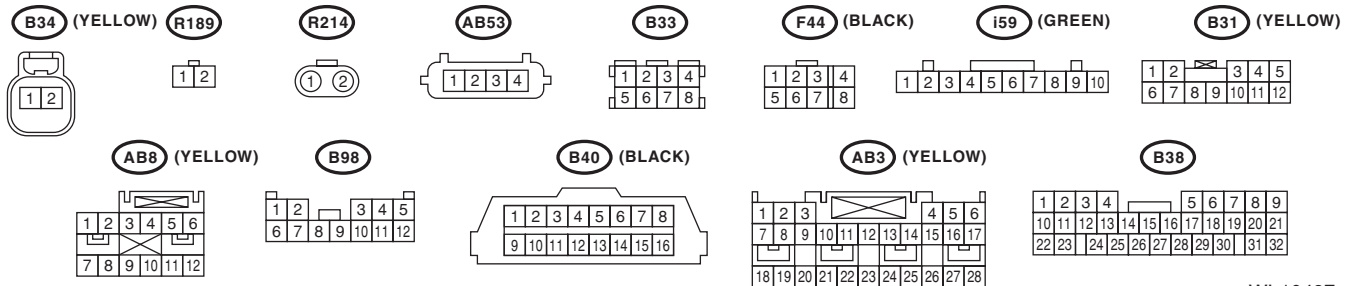
8	4	3
R	R	R

BUCKLE SWITCH LH

8	7	3
YR	YL	GR

Wiring Details:

- Power Supply:**
 - WB (F44, B61) to Pin 13 (BL)
 - BR (B34, AB50, AB56) to Pin 1 (BR)
 - GrB (B98, R2, R189) to Pin 10 (GrB)
 - R (B31, AB1) to Pin 9 (GW)
 - GW (B38, I59) to Pin 12 (GrB)
- Data Link:**
 - Pin 13 (BL) to Pin 1 (BR)
 - Pin 12 (GrB) to Pin 10 (GrB)
- Control Signals:**
 - Pin 1 (BR) to Pin 1 (WB)
 - Pin 2 (R) to Pin 2 (R)
 - Pin 3 (YL) to Pin 3 (YL)
 - Pin 4 (YR) to Pin 4 (YR)
 - Pin 5 (GR) to Pin 5 (GR)



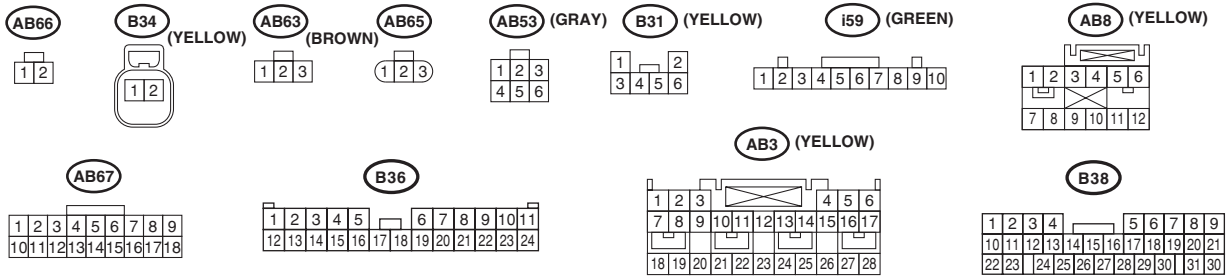
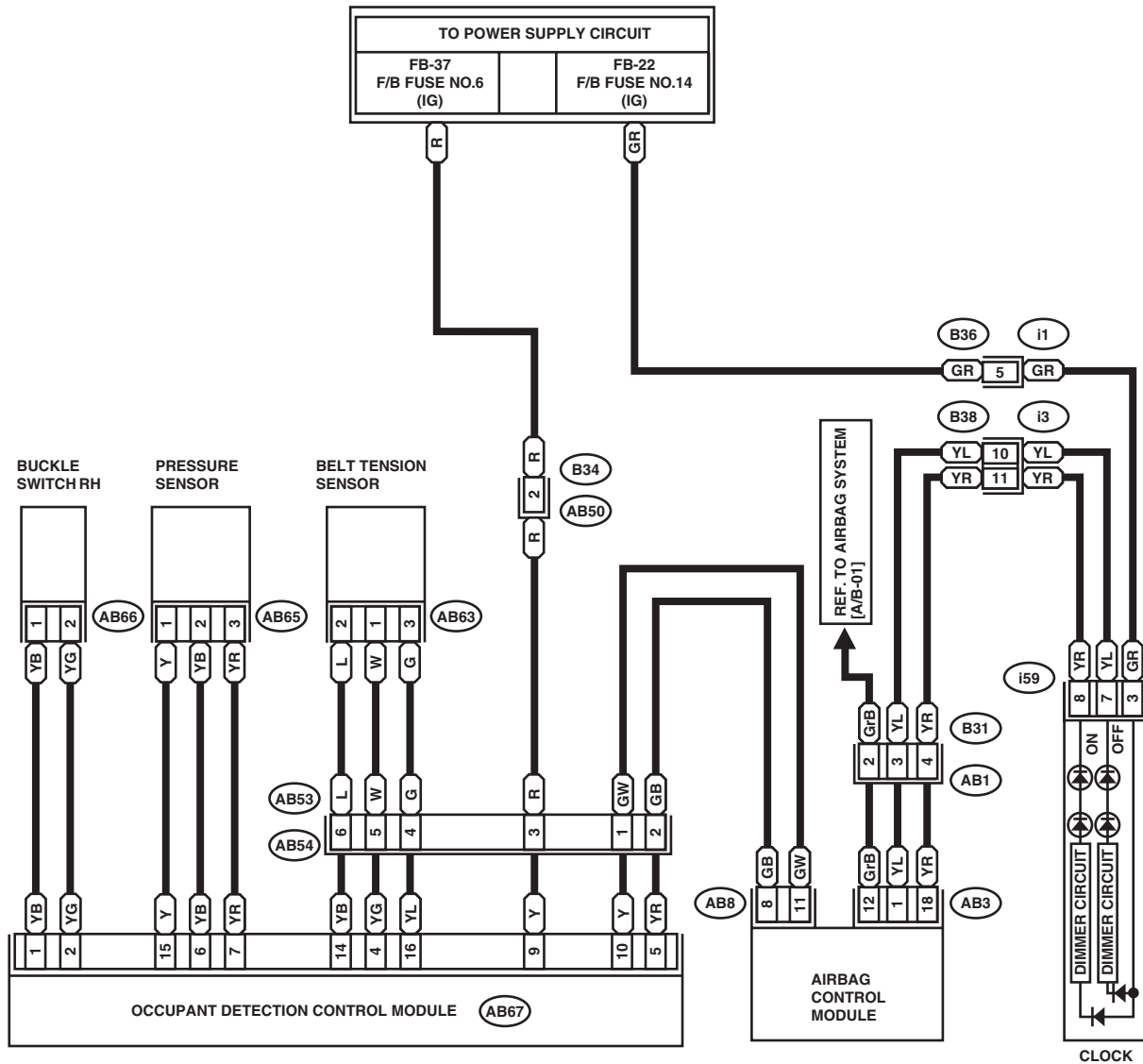
Occupant Detection System

WIRING SYSTEM

2. VEHICLES AFTER V.I.N. 733001

ODS-01

ODS-01

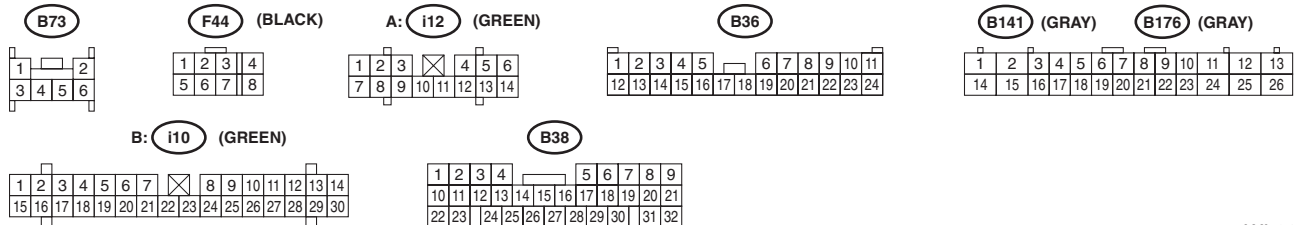
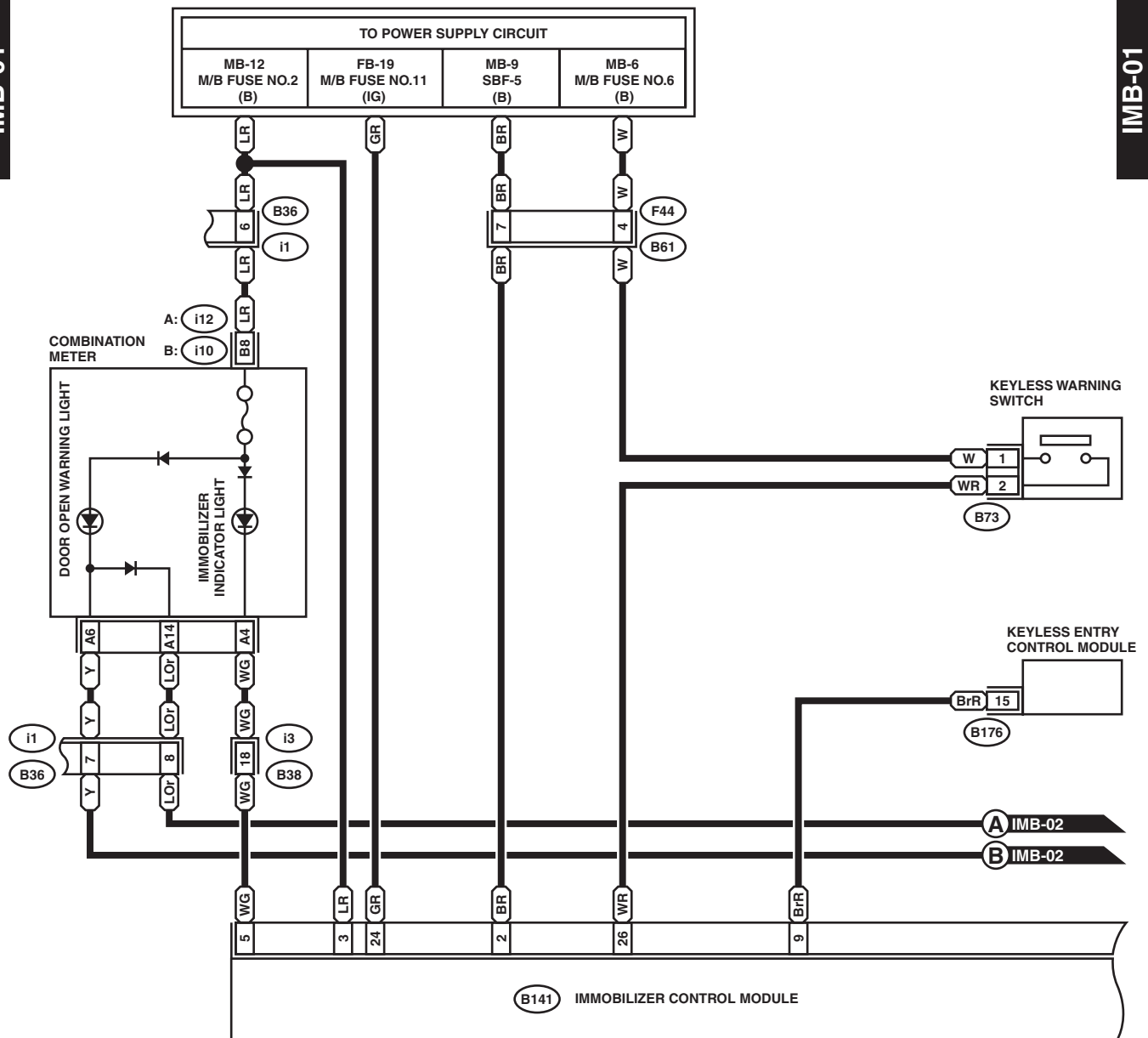


WI-10664

A: WIRING DIAGRAM

IMB-01

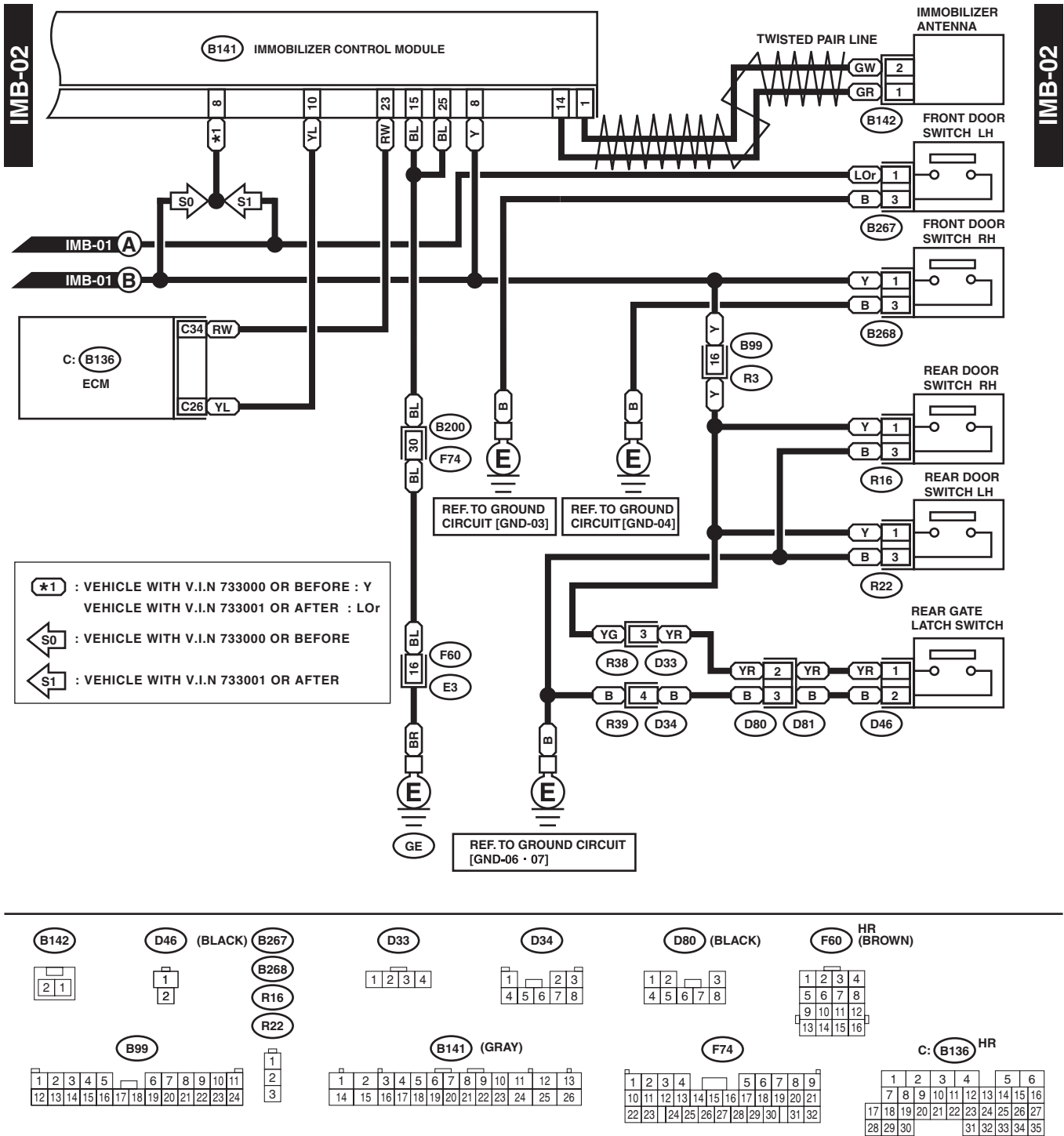
IMB-01



WI-08397

Immobilizer System

WIRING SYSTEM

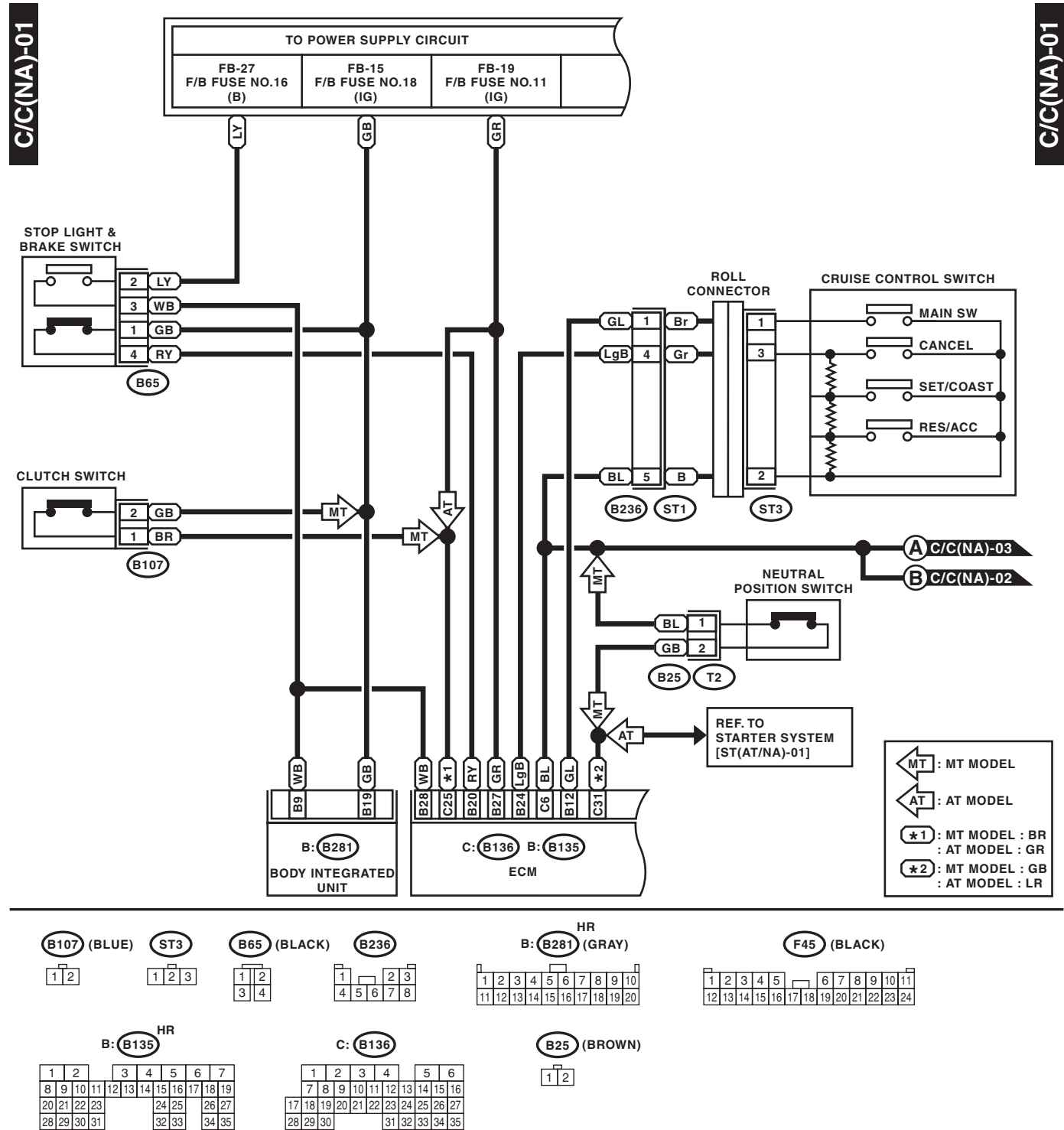


WI-11627

14. Cruise Control System

A: WIRING DIAGRAM

1. NON-TURBO MODEL



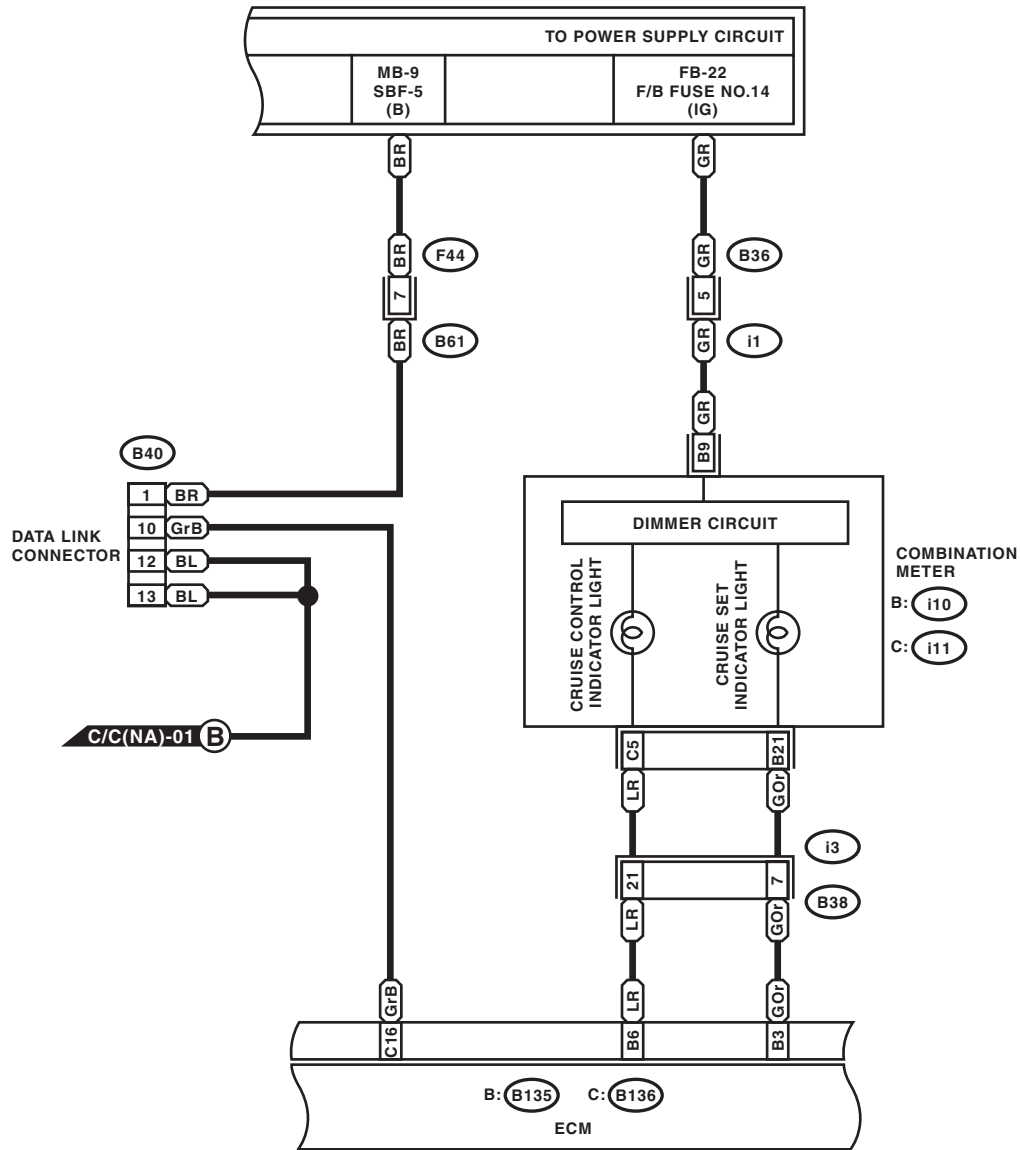
WI-11628

Cruise Control System

WIRING SYSTEM

C/C(NA)-02

C/C(NA)-02



C: i11 (GREEN)

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

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: 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

B40 (BLACK)

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

F44 (BLACK)

1	2	3	4
5	6	7	8

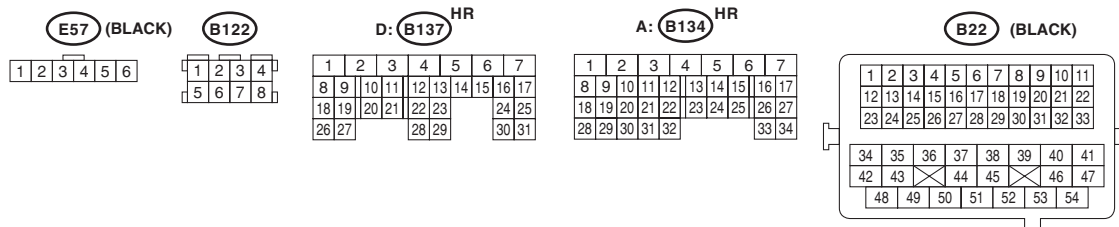
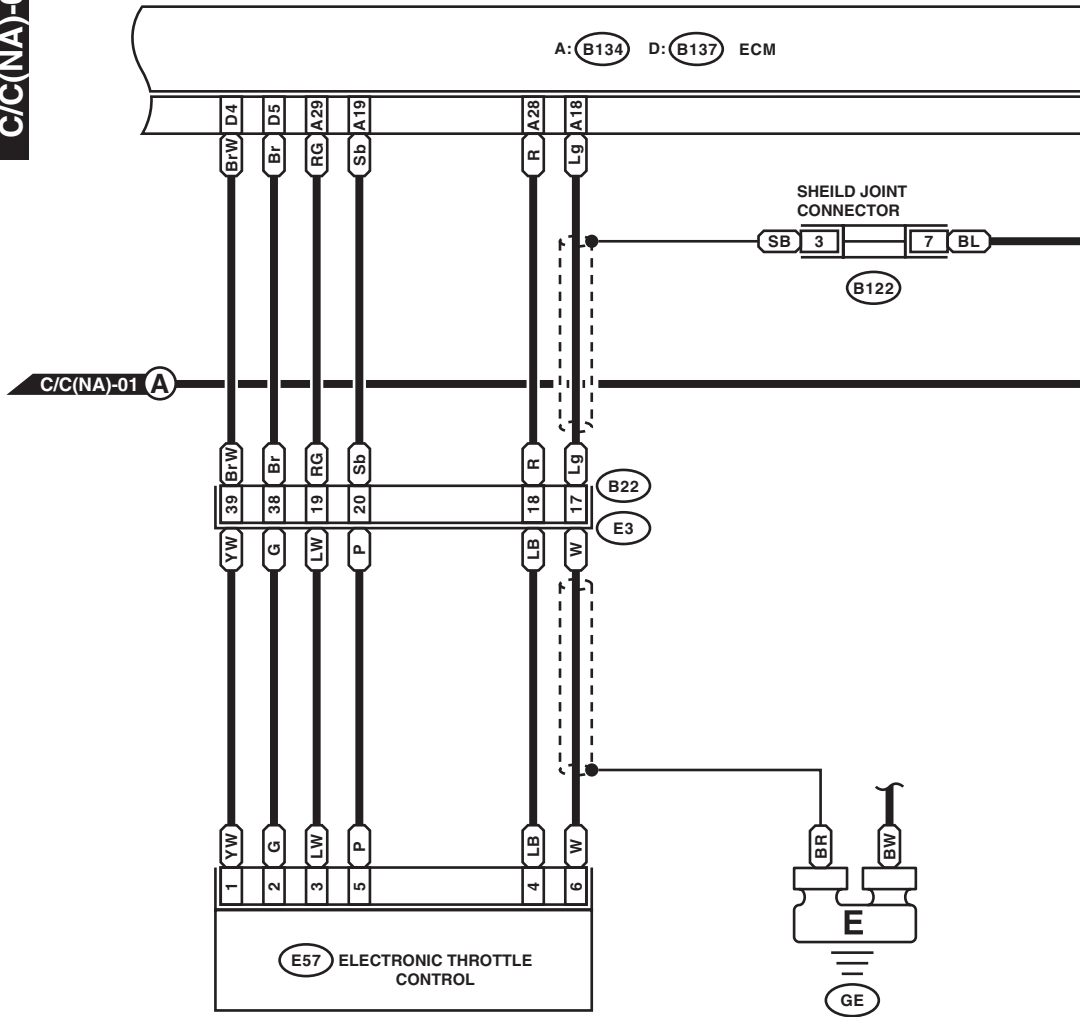
WI-11629

Cruise Control System

WIRING SYSTEM

C/C(NA)-03

C/C(NA)-03

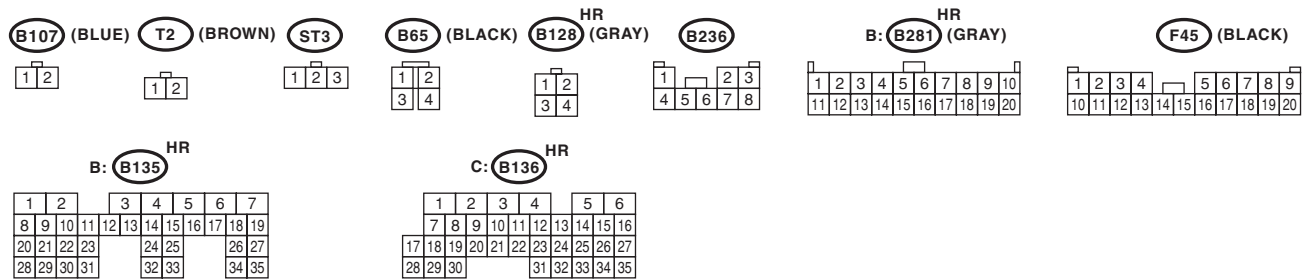
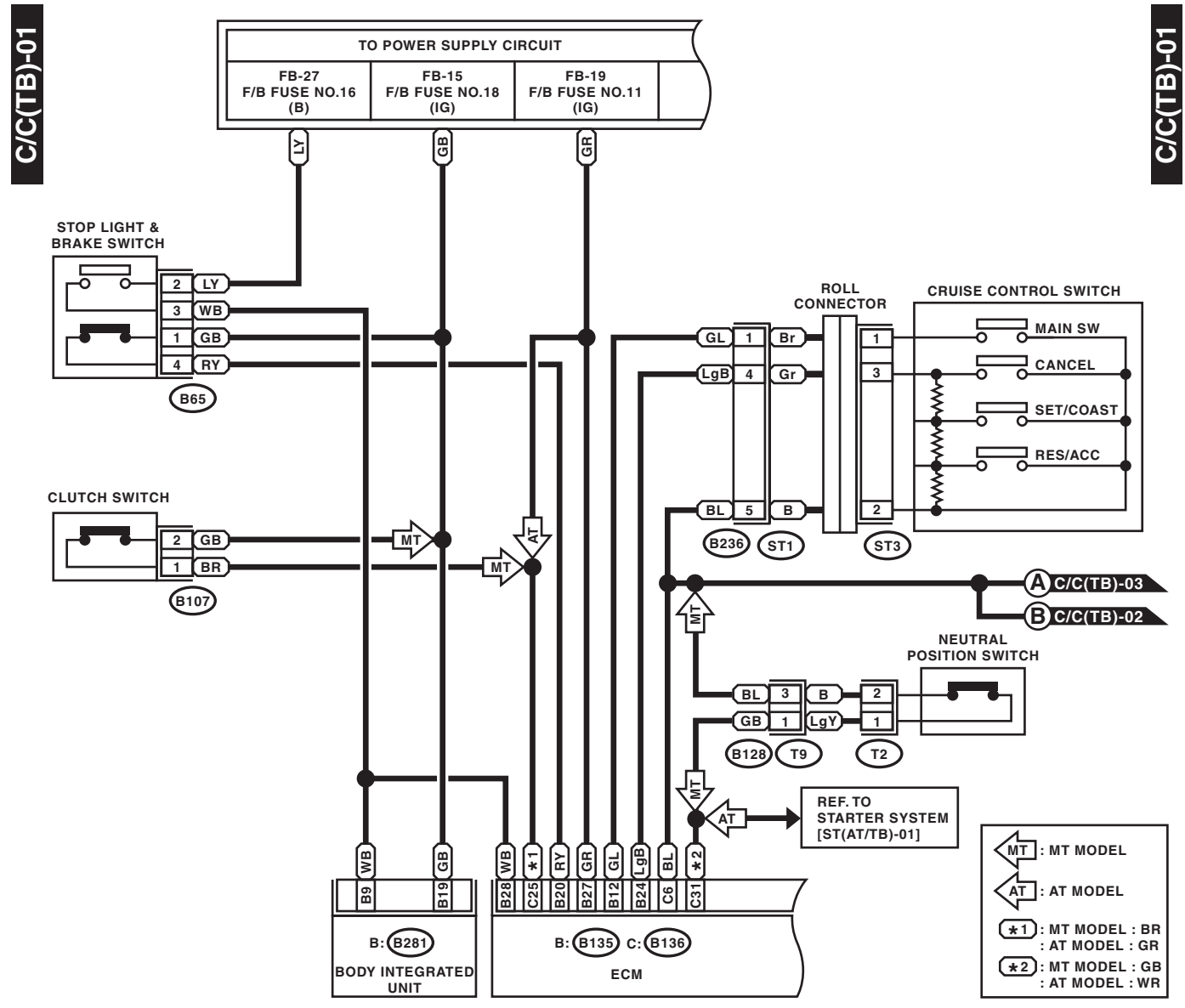


WI-11630

Cruise Control System

WIRING SYSTEM

2. TURBO MODEL



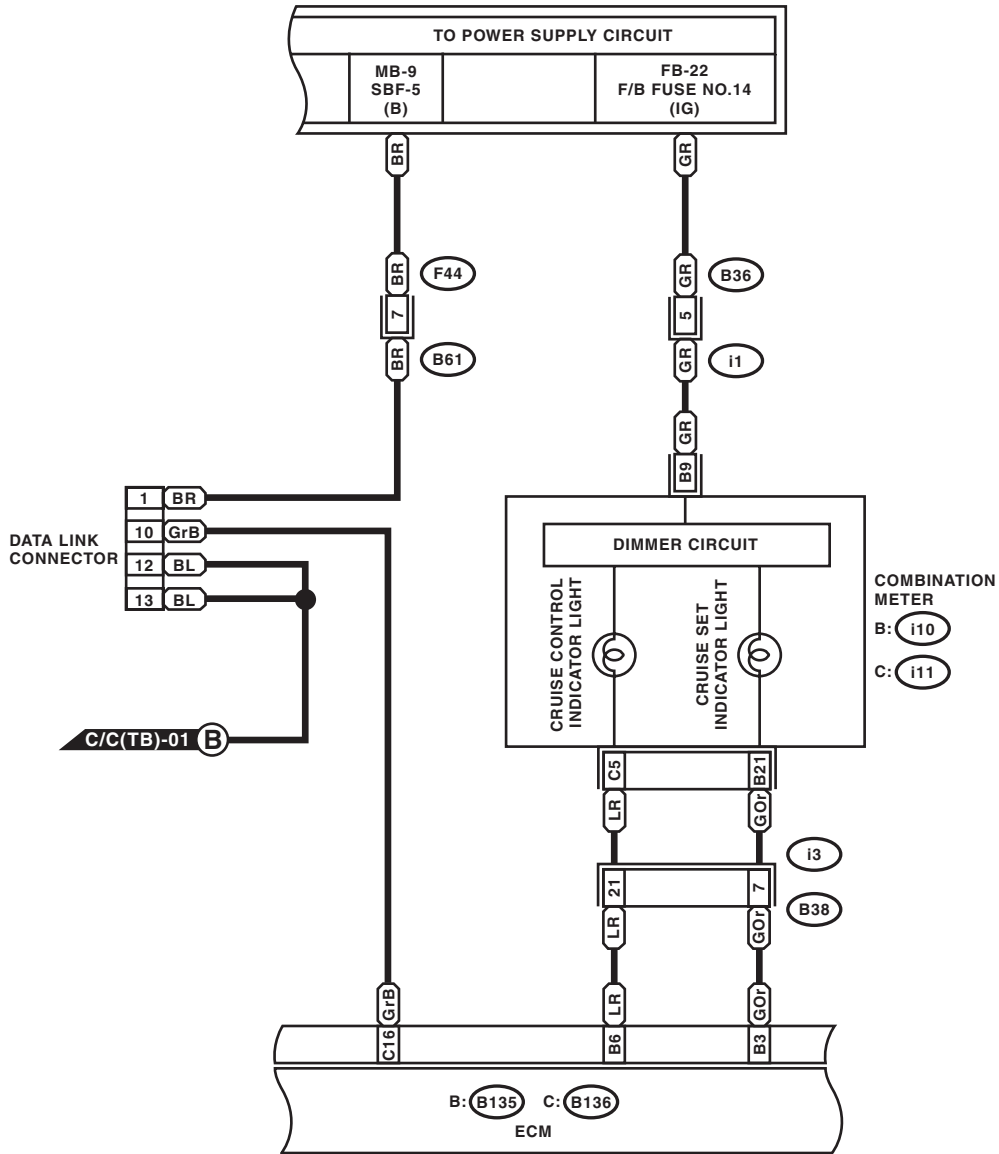
WI-11631

Cruise Control System

WIRING SYSTEM

C/C(TB)-02

C/C(TB)-02



C: i11 (GREEN)

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

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: 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

B40 (BLACK)

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

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

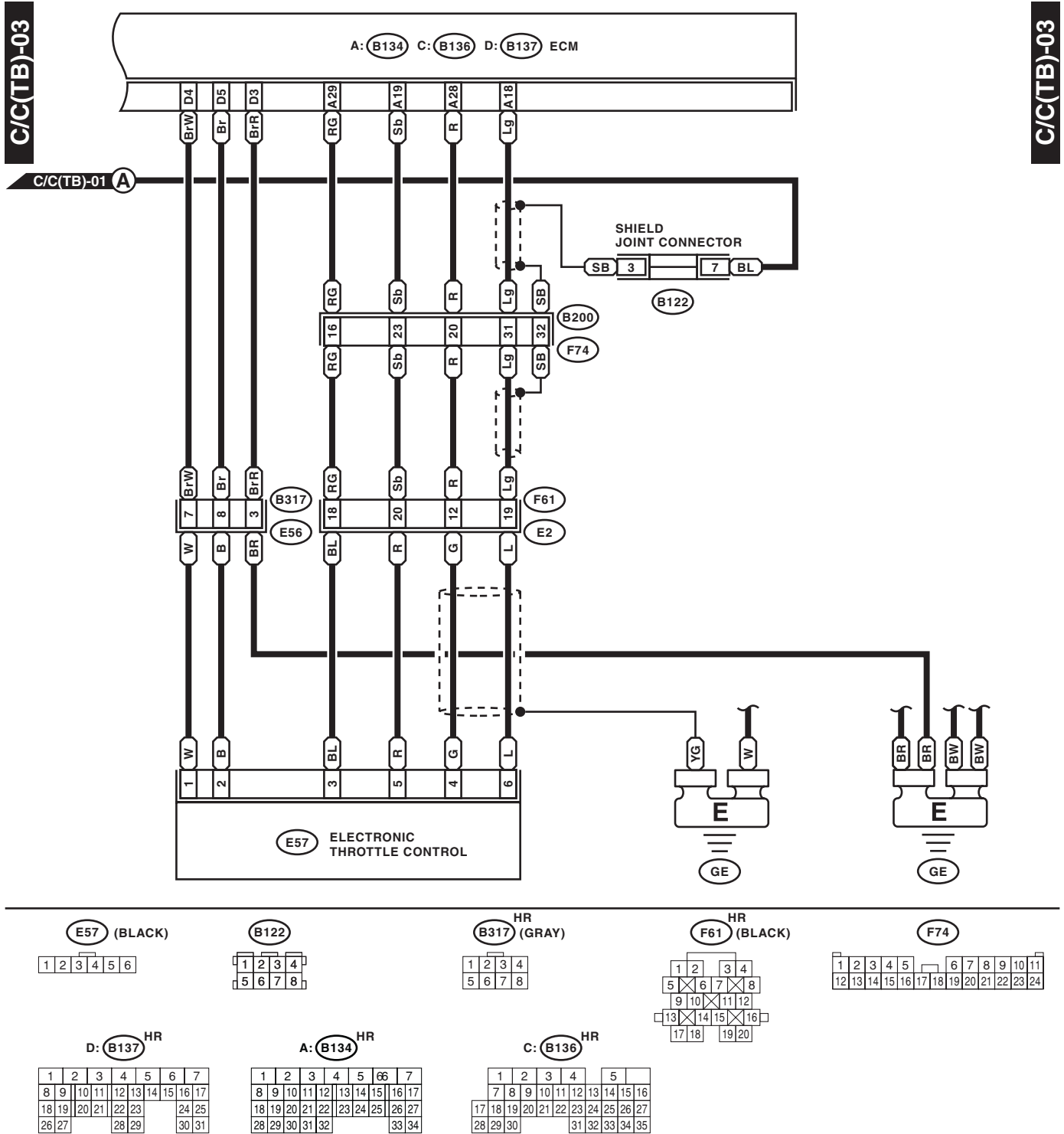
F44 (BLACK)

1	2	3	4
5	6	7	8

WI-11632

Cruise Control System

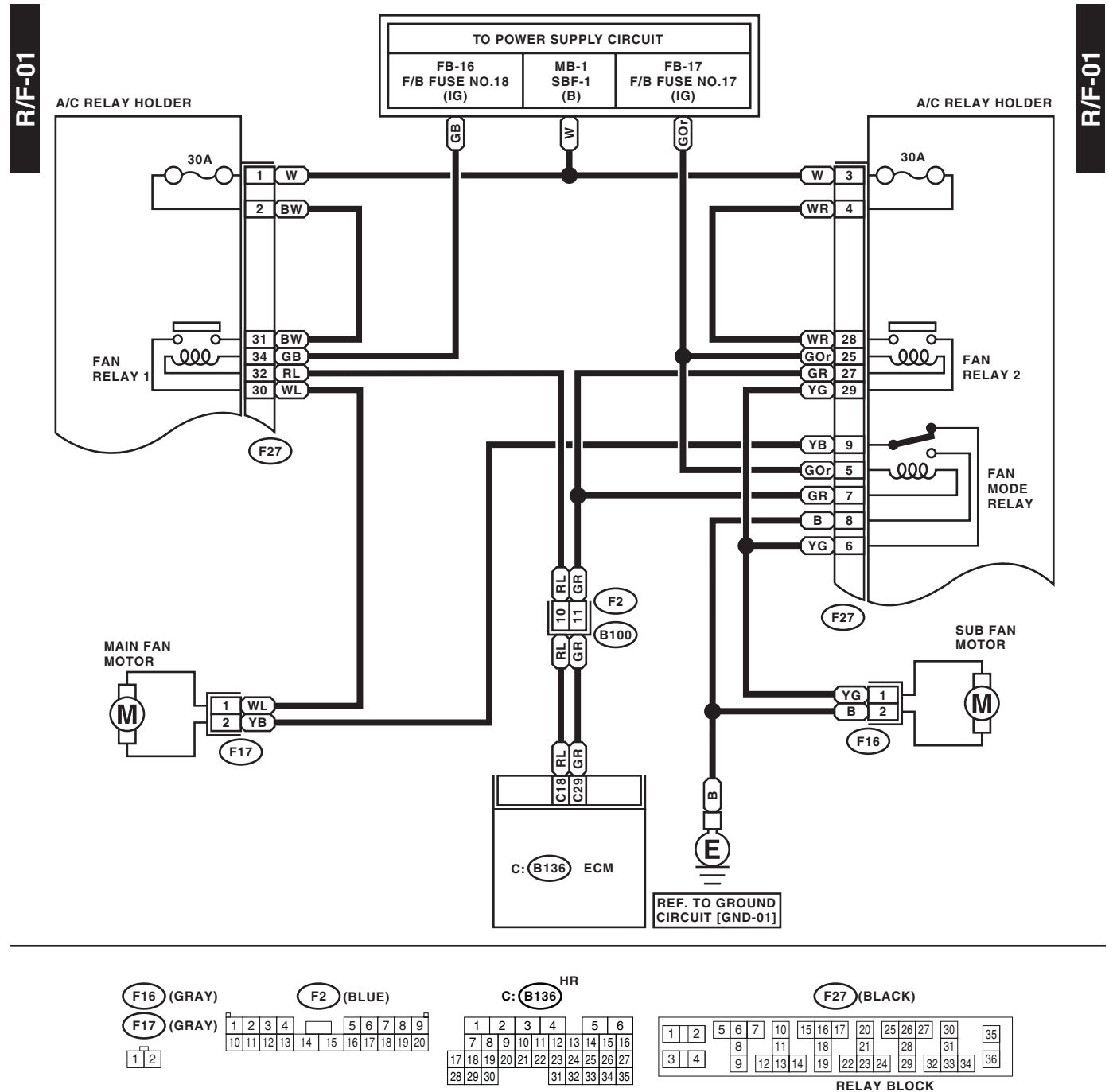
WIRING SYSTEM



WI-11633

15.Radiator Fan System

A: WIRING DIAGRAM

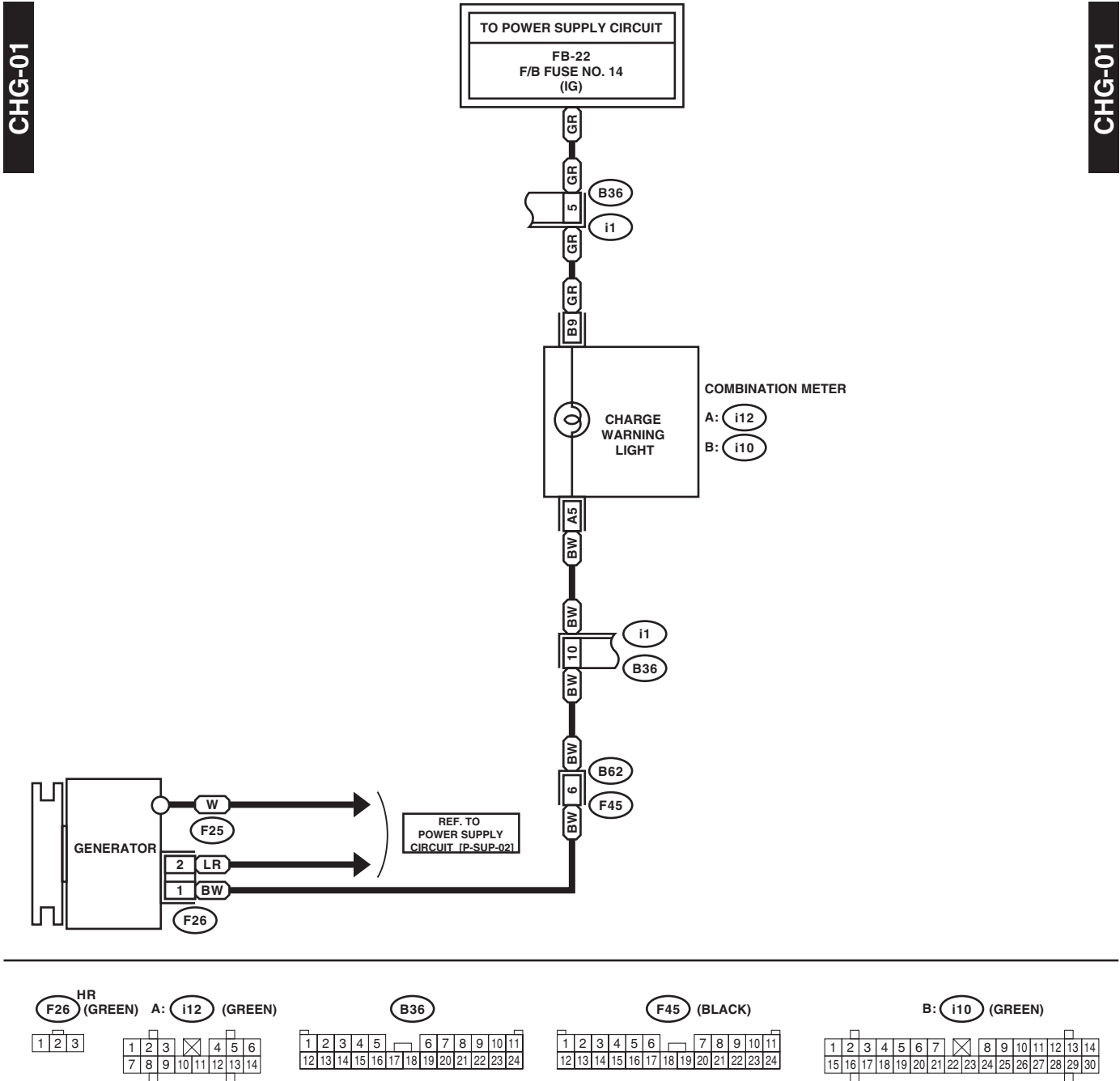


Charging System

WIRING SYSTEM

16.Charging System

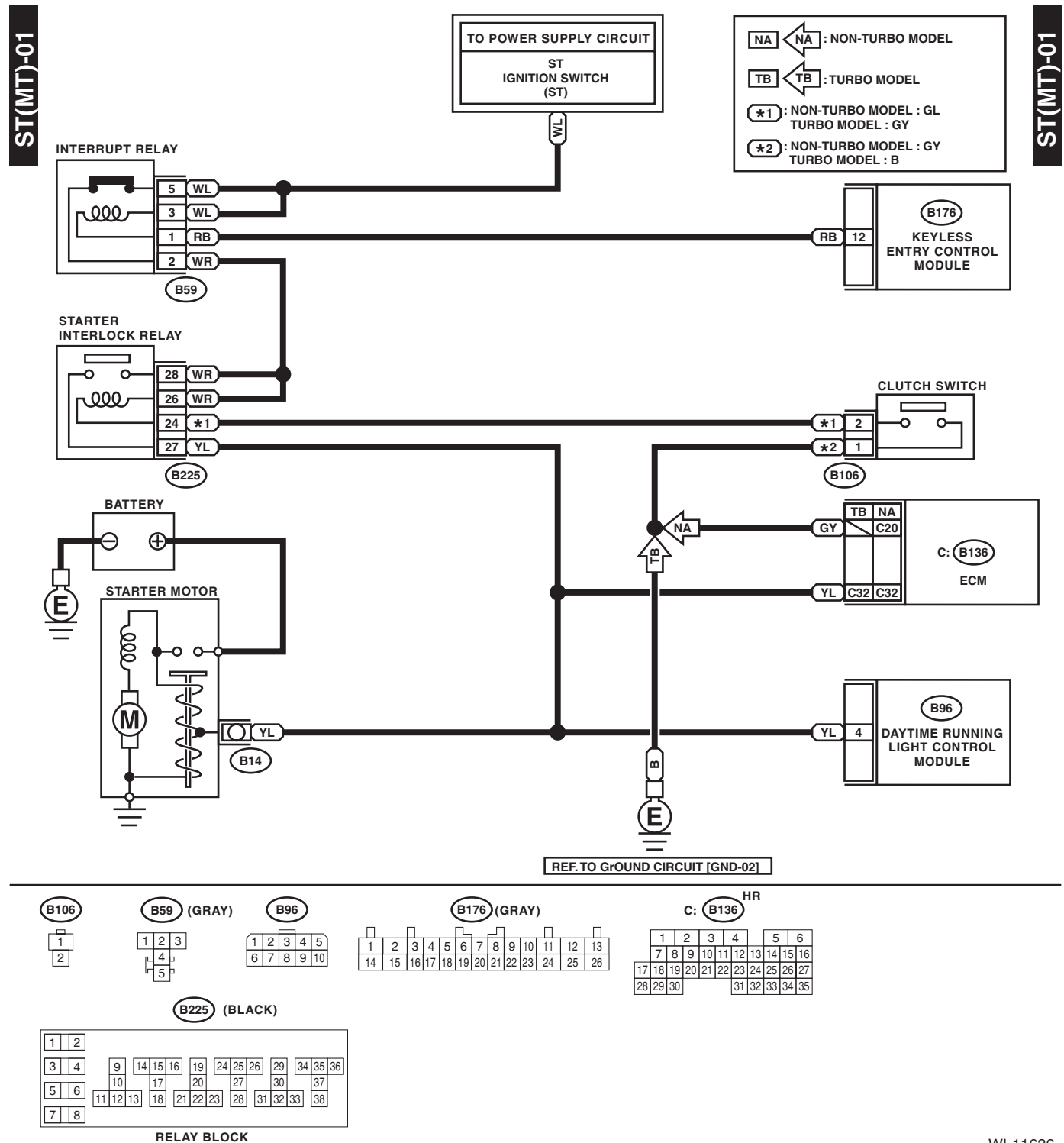
A: WIRING DIAGRAM



17.Starter System

A: WIRING DIAGRAM

1. MT MODEL



WI-11636

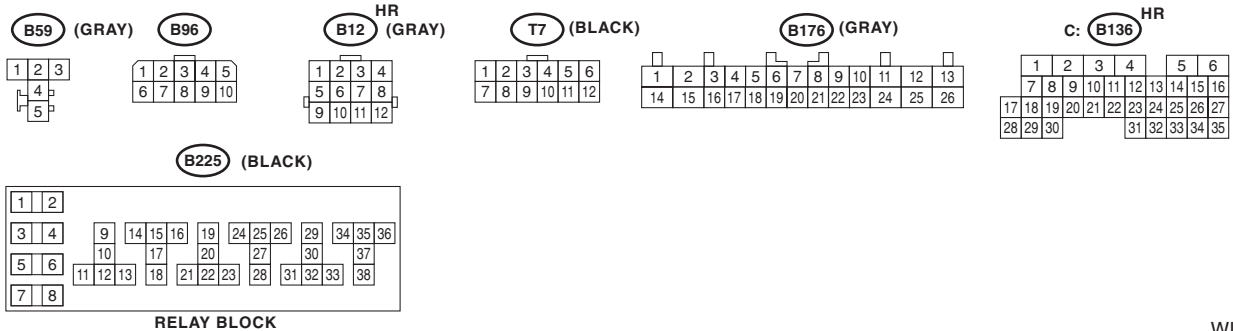
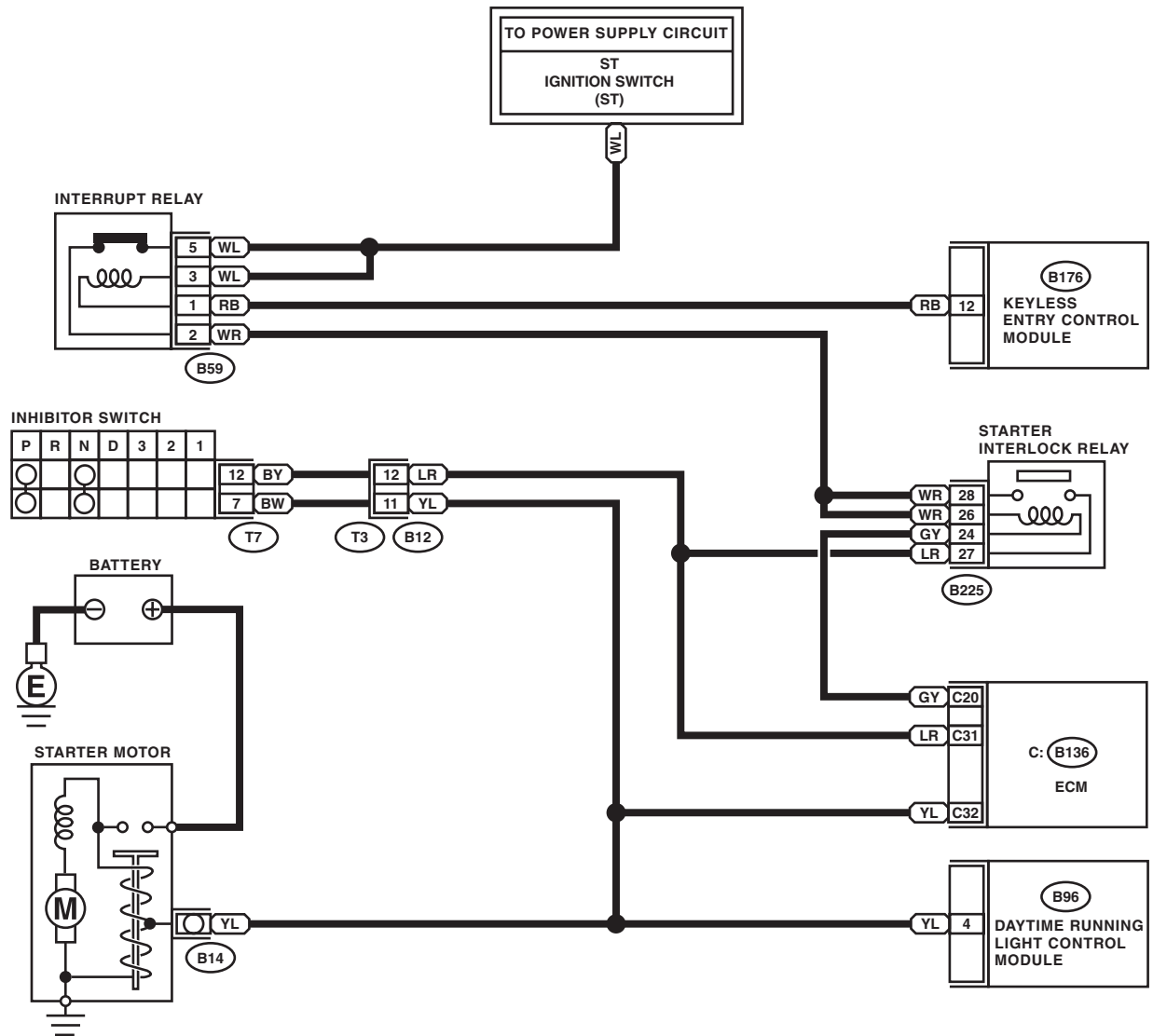
Starter System

WIRING SYSTEM

2. AT NON-TURBO MODEL

ST(AT/NA)-01

ST(AT/NA)-01



WI-11637

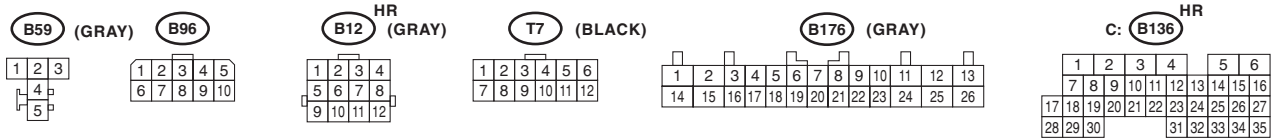
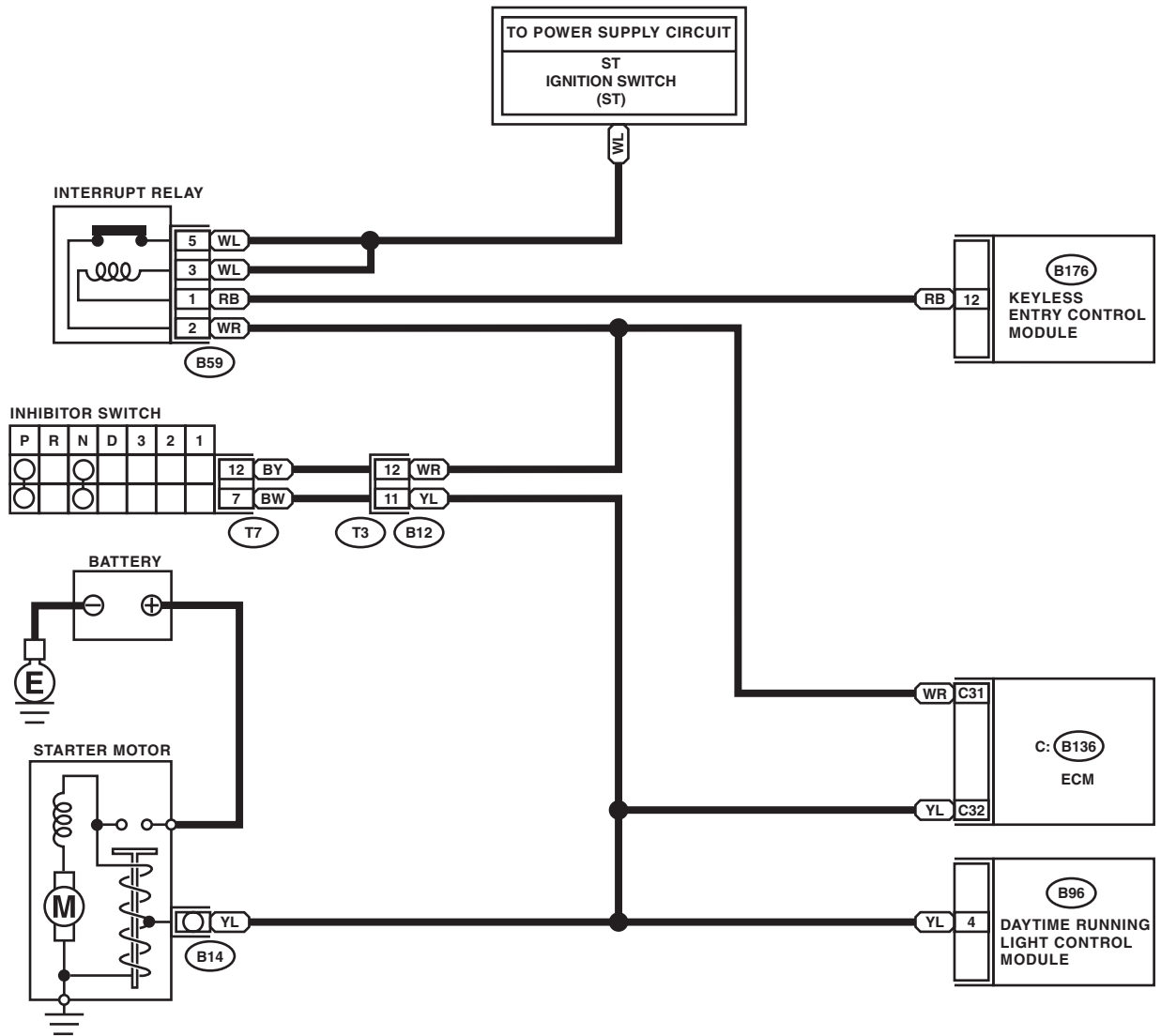
Starter System

WIRING SYSTEM

3. AT TURBO MODEL

ST(AT/TB)-01

ST(AT/TB)-01



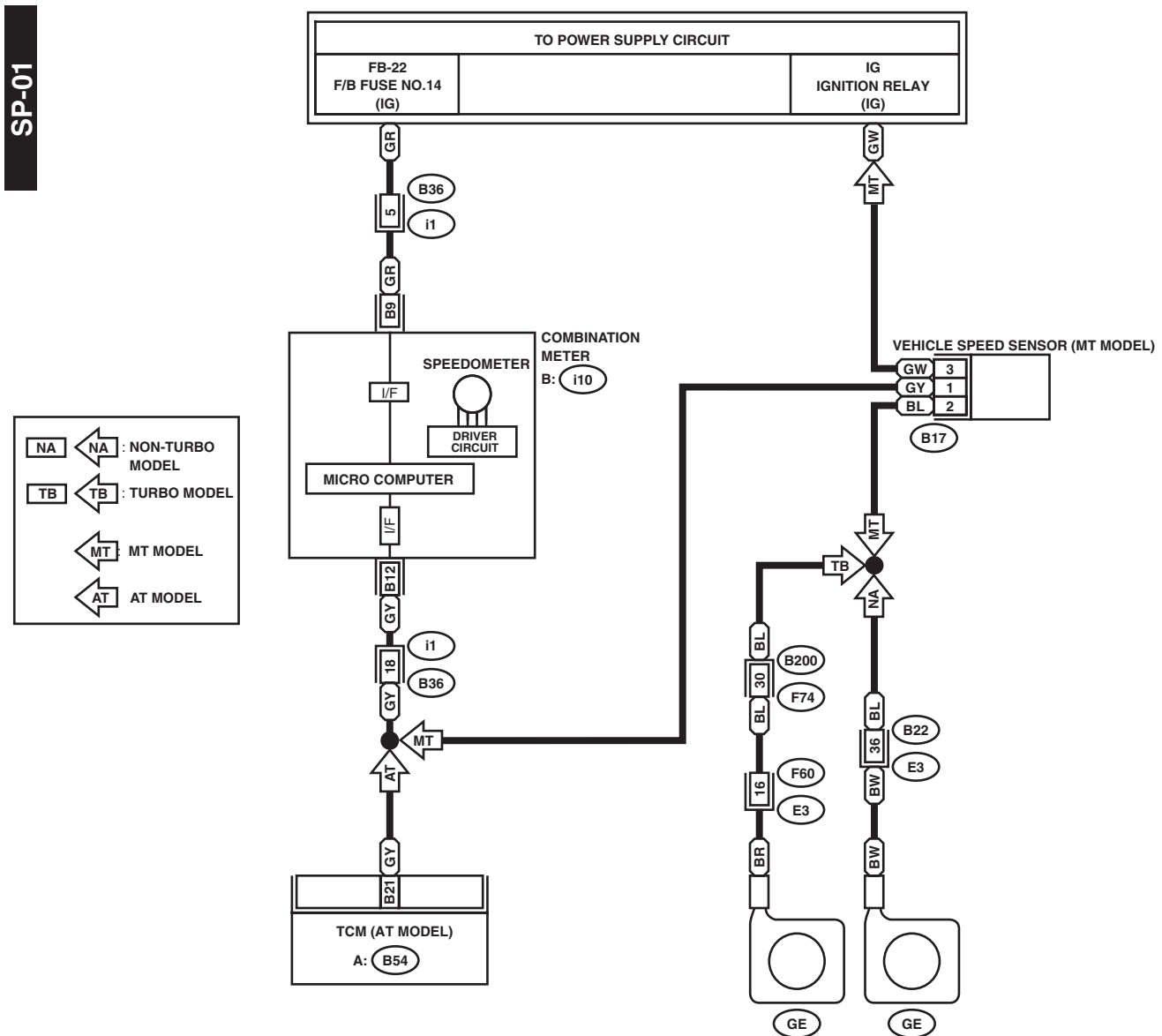
WI-11638

Speedometer System

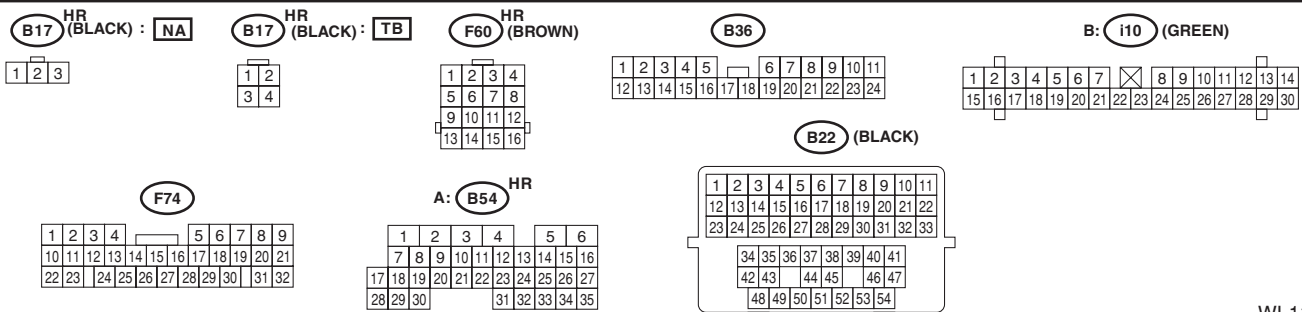
WIRING SYSTEM

18.Speedmeter System

A: WIRING DIAGRAM



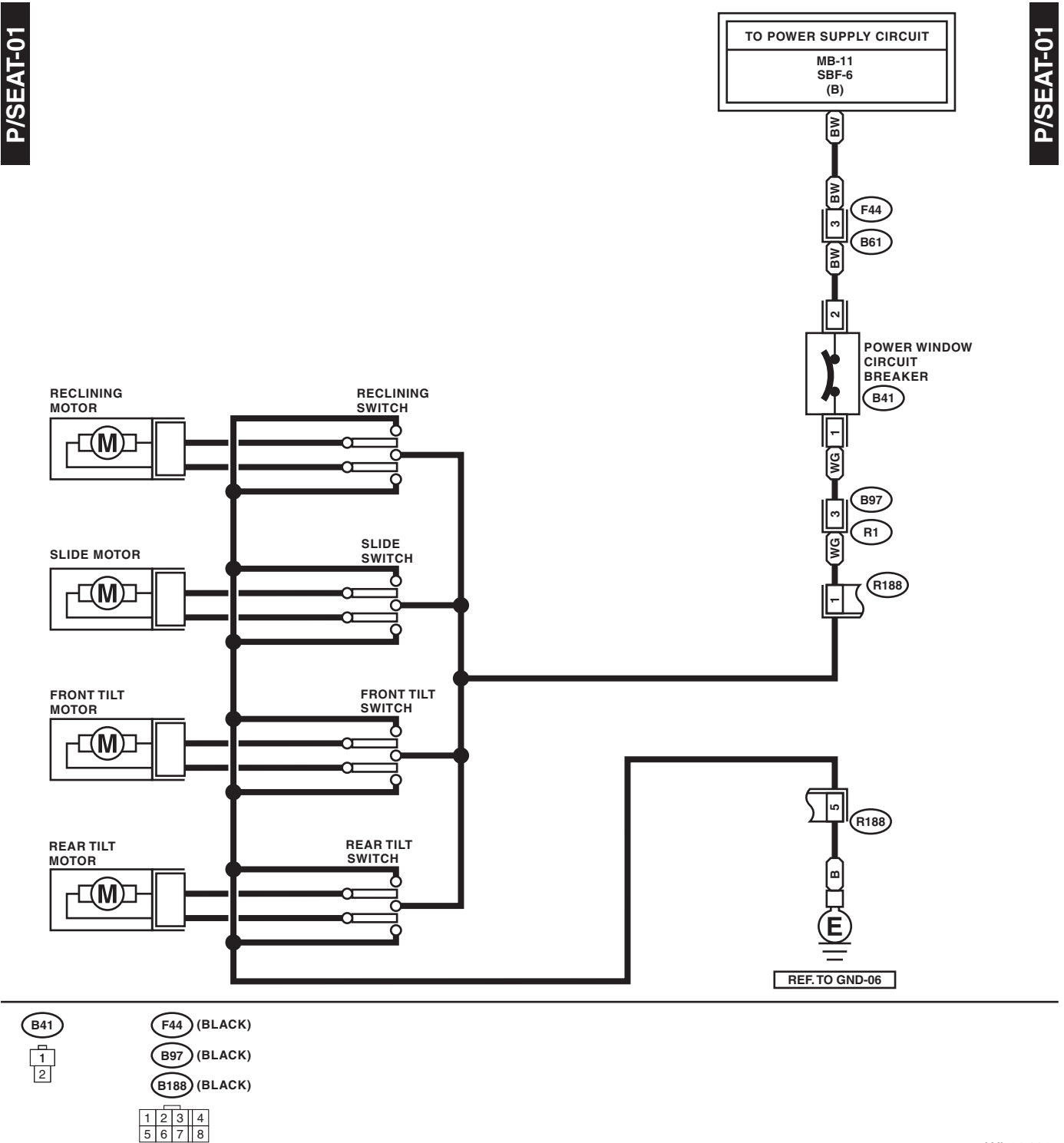
SP-01



WI-11639

19.Power Seat System

A: WIRING DIAGRAM



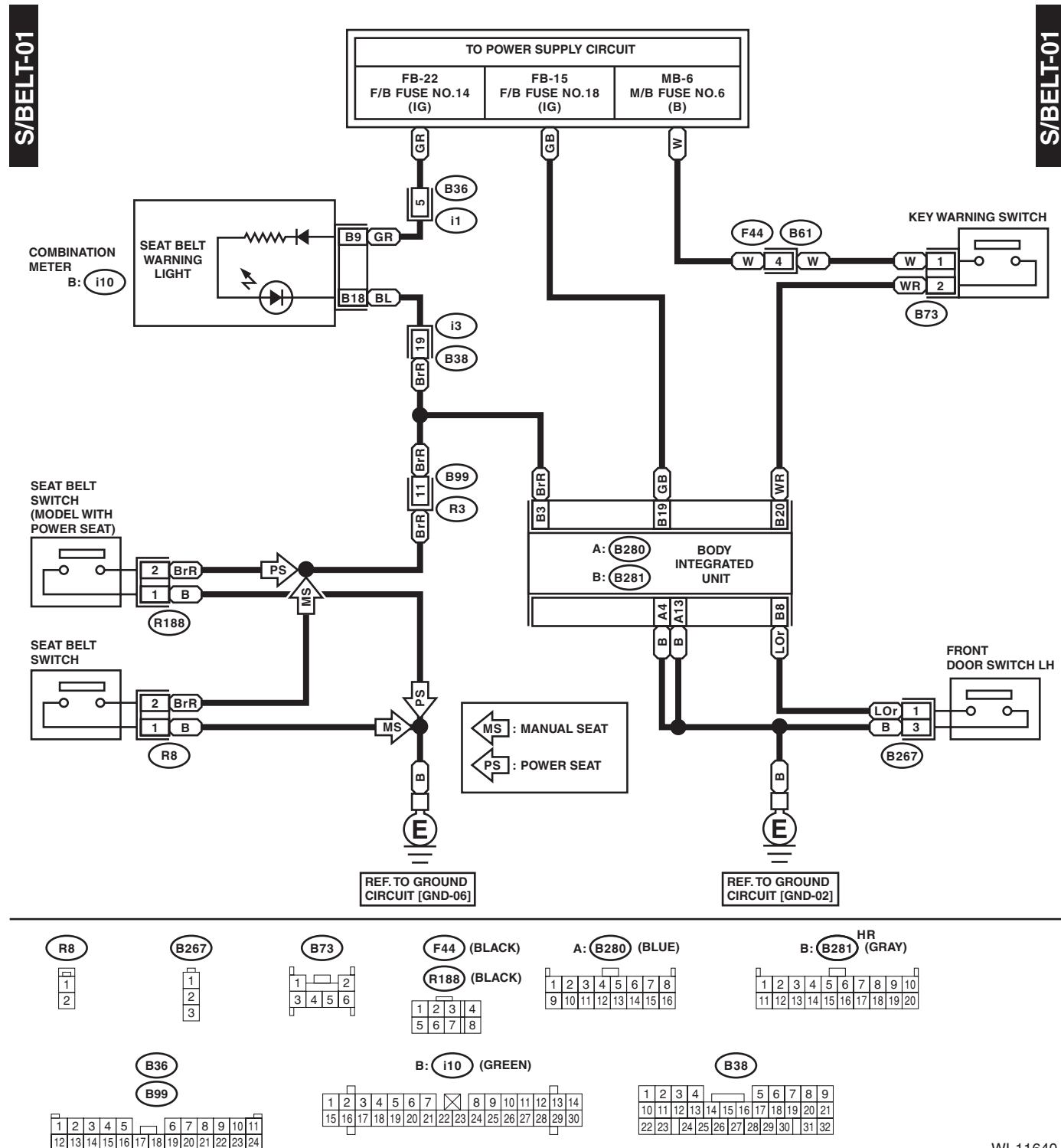
WI-08410

Seat Belt Warning System

WIRING SYSTEM

20.Seat Belt Warning System

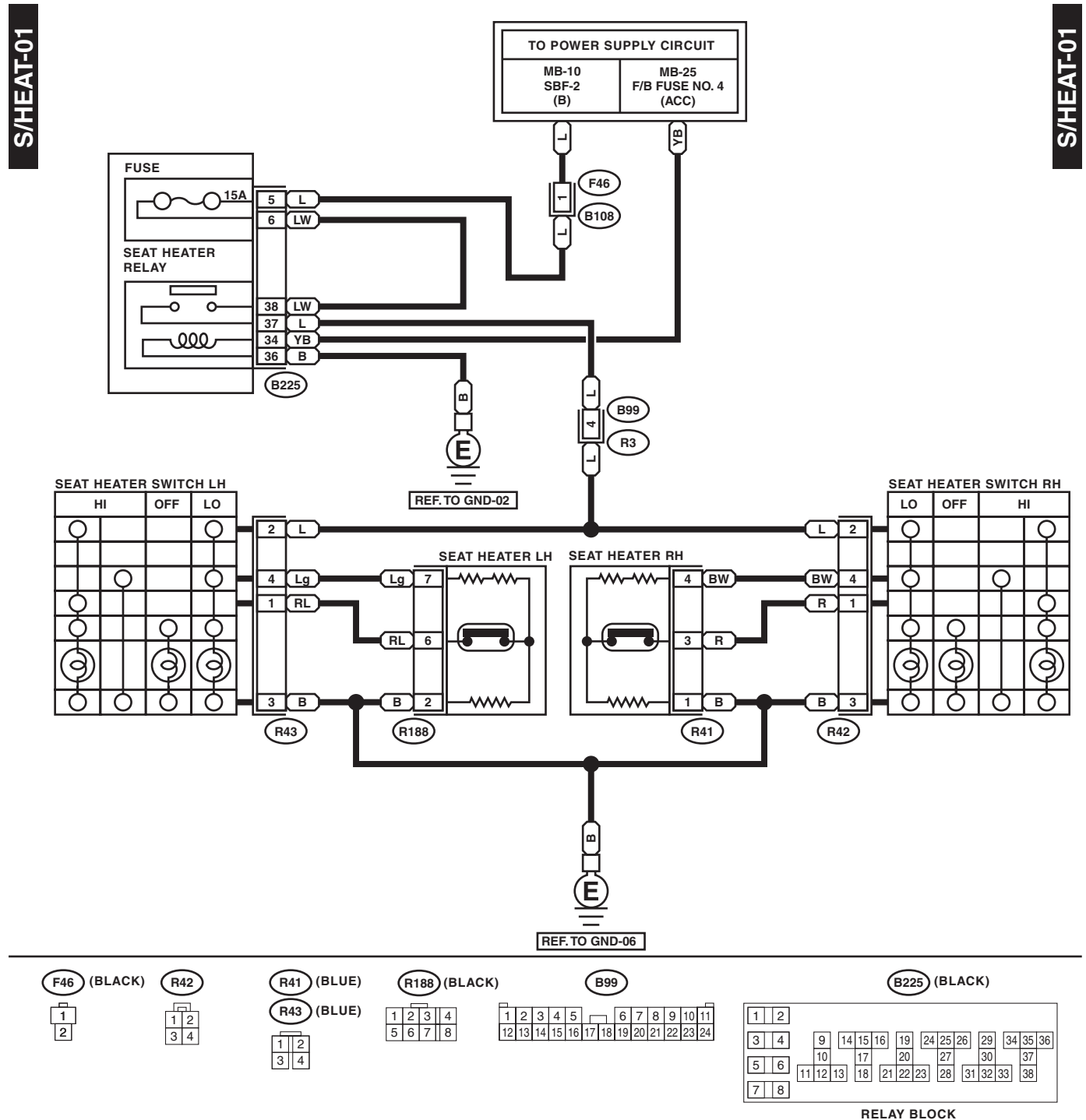
A: WIRING DIAGRAM



WI-11640

21.Seat Heater System

A: WIRING DIAGRAM



WI-08411

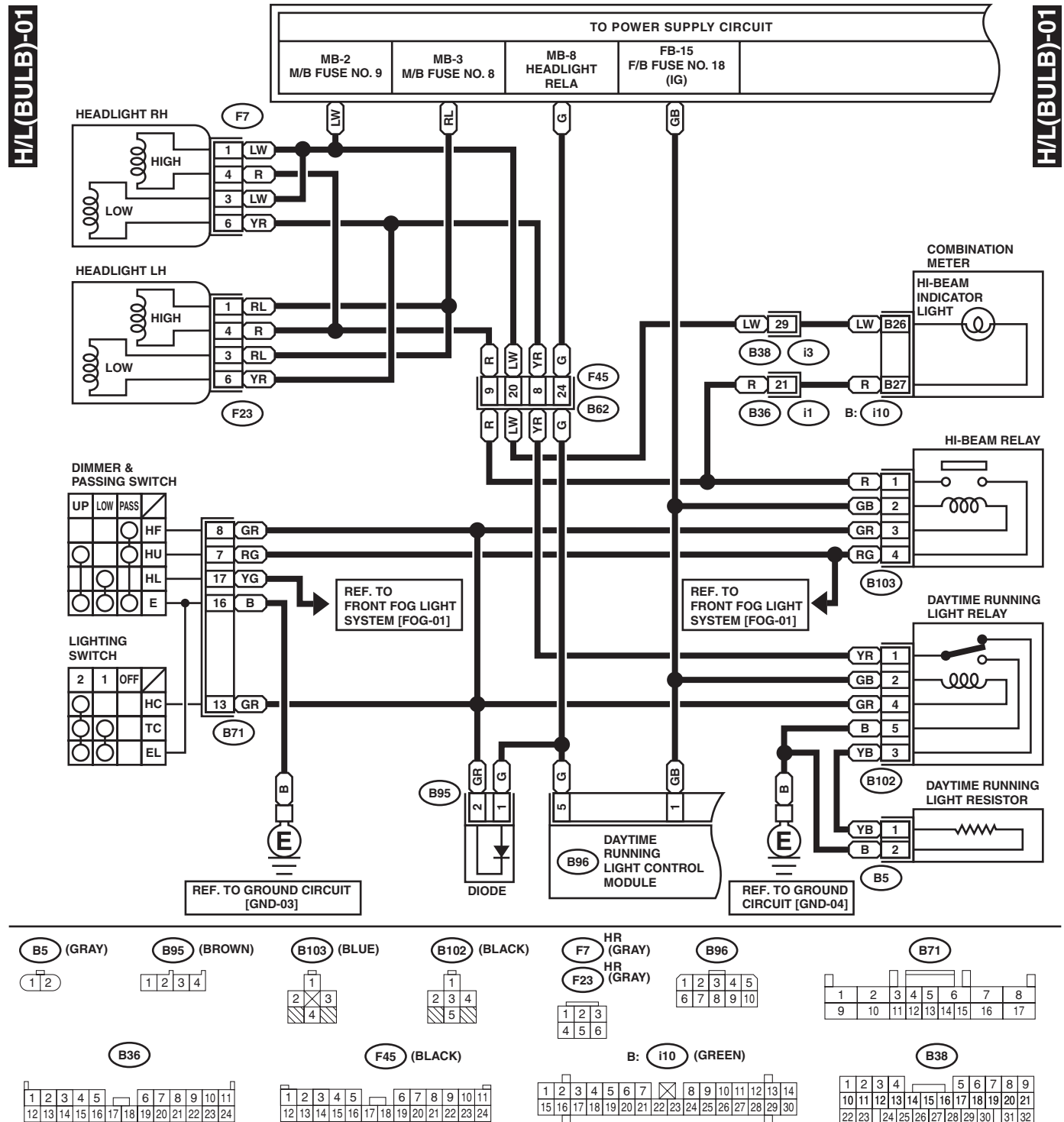
Headlight System

WIRING SYSTEM

22.Headlight System

A: WIRING DIAGRAM

1. MODEL WITHOUT HID (VEHICLES PRIOR TO V.I.N. 733000)



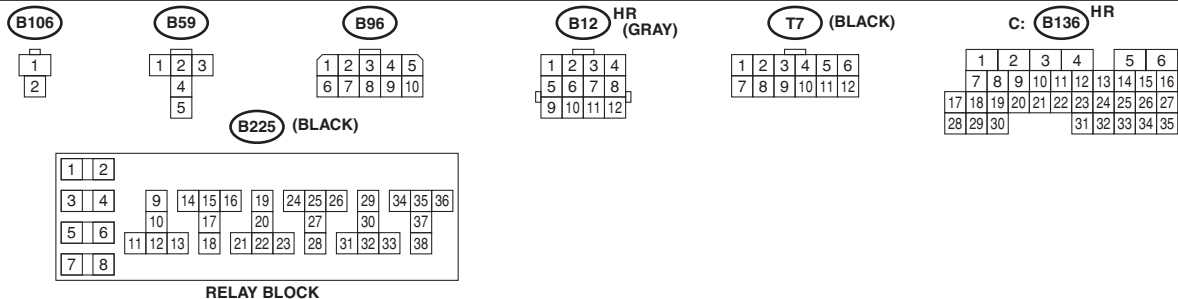
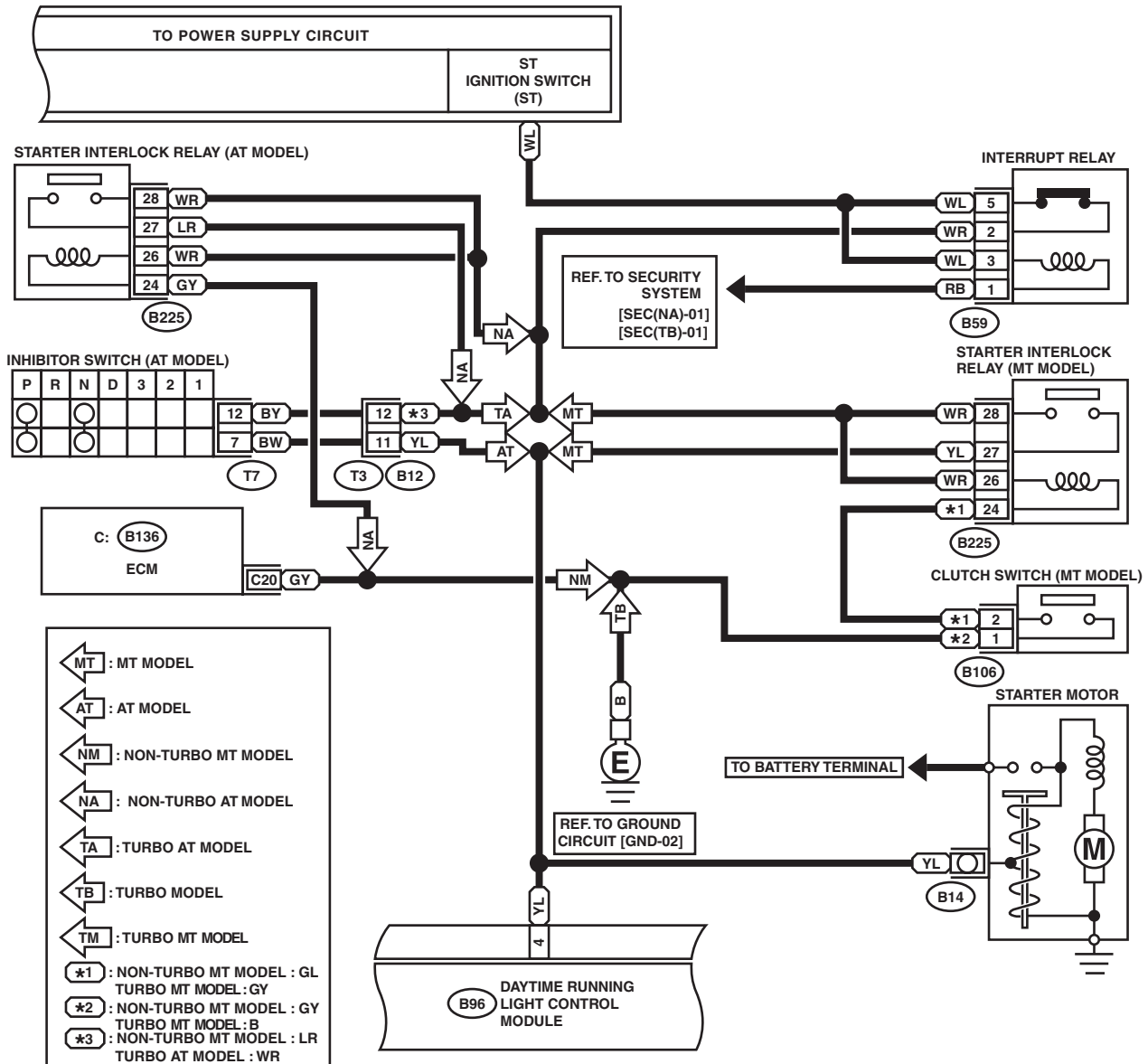
WI-11641

Headlight System

WIRING SYSTEM

H/L(BULB)-02

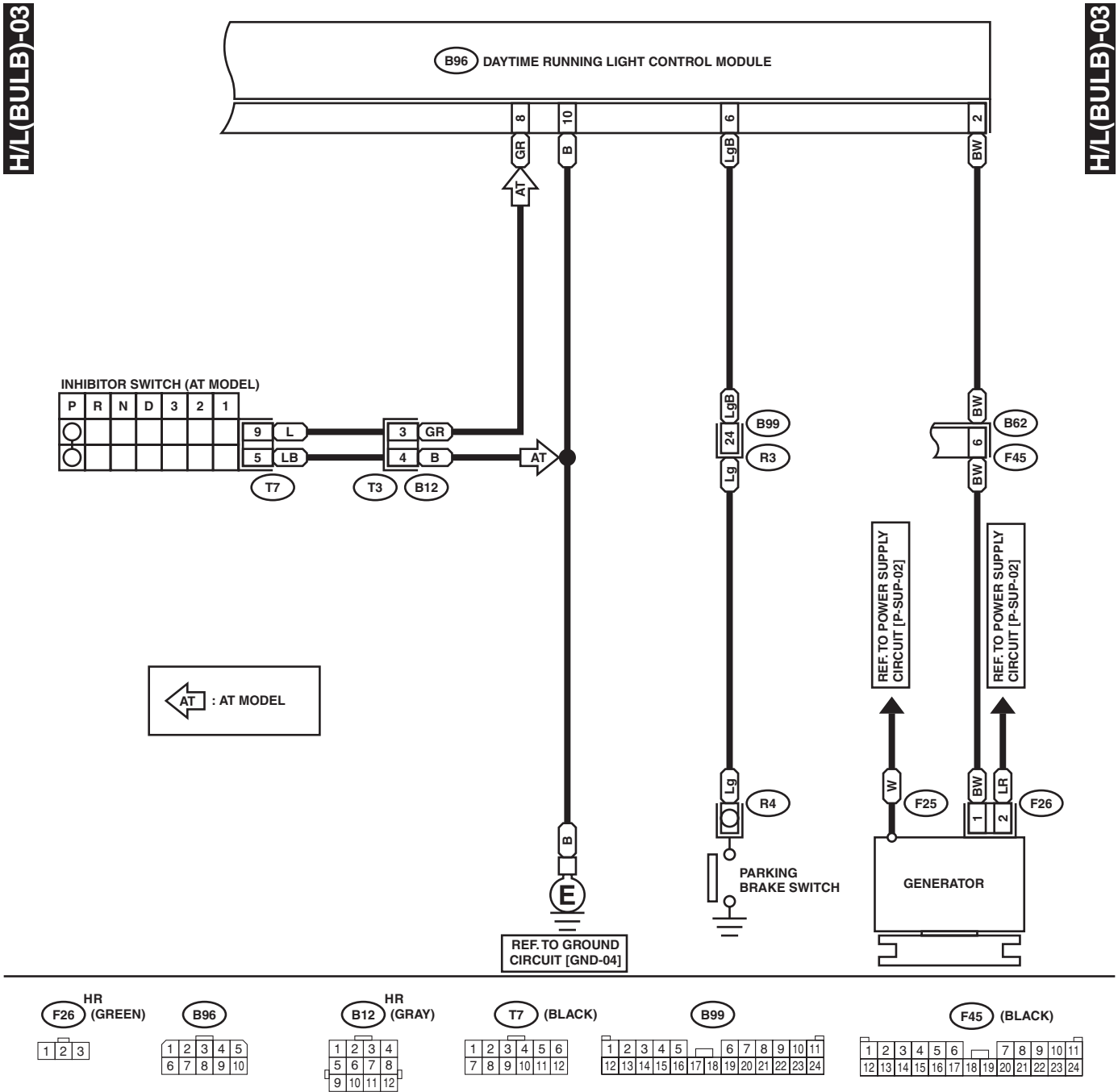
H/L(BULB)-02



WI-11643

Headlight System

WIRING SYSTEM

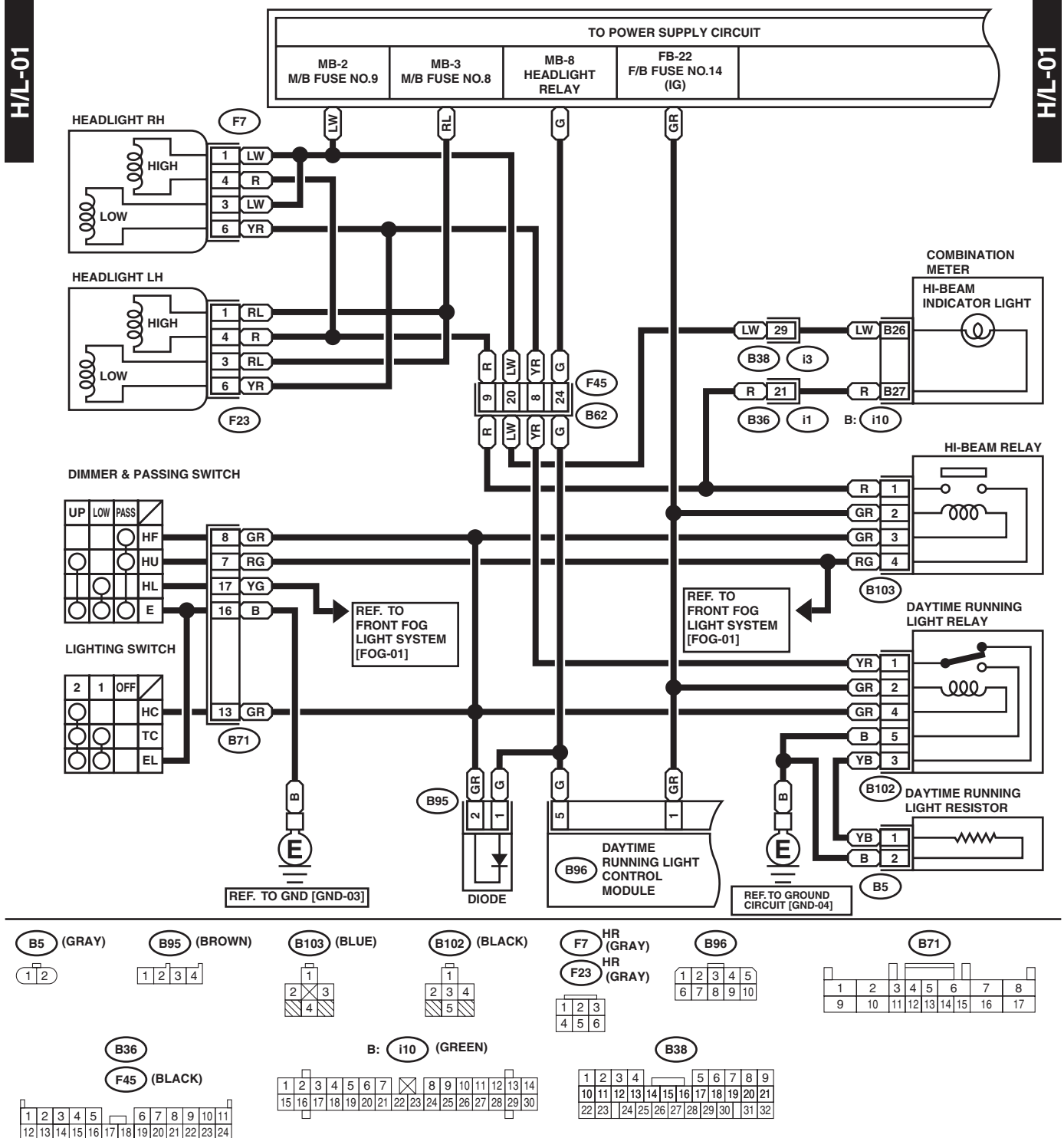


WI-11644

Headlight System

WIRING SYSTEM

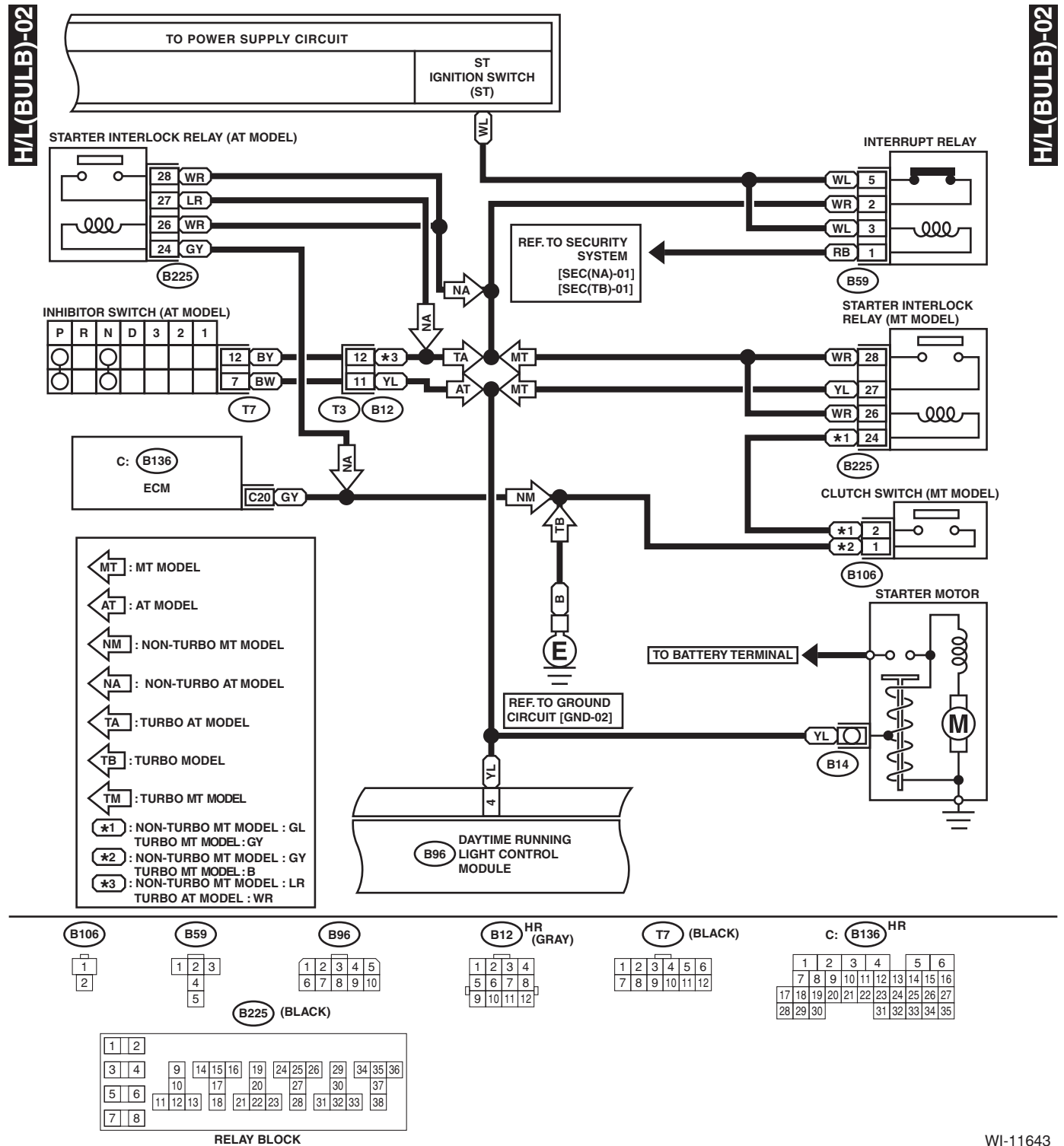
2. MODEL WITHOUT HID (VEHICLES AFTER V.I.N. 733001)



WI-12620

WIRING SYSTEM

WIRING SYSTEM

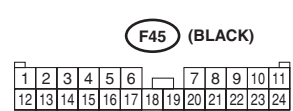
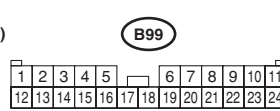
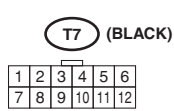
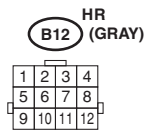
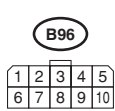
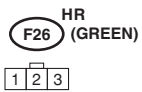
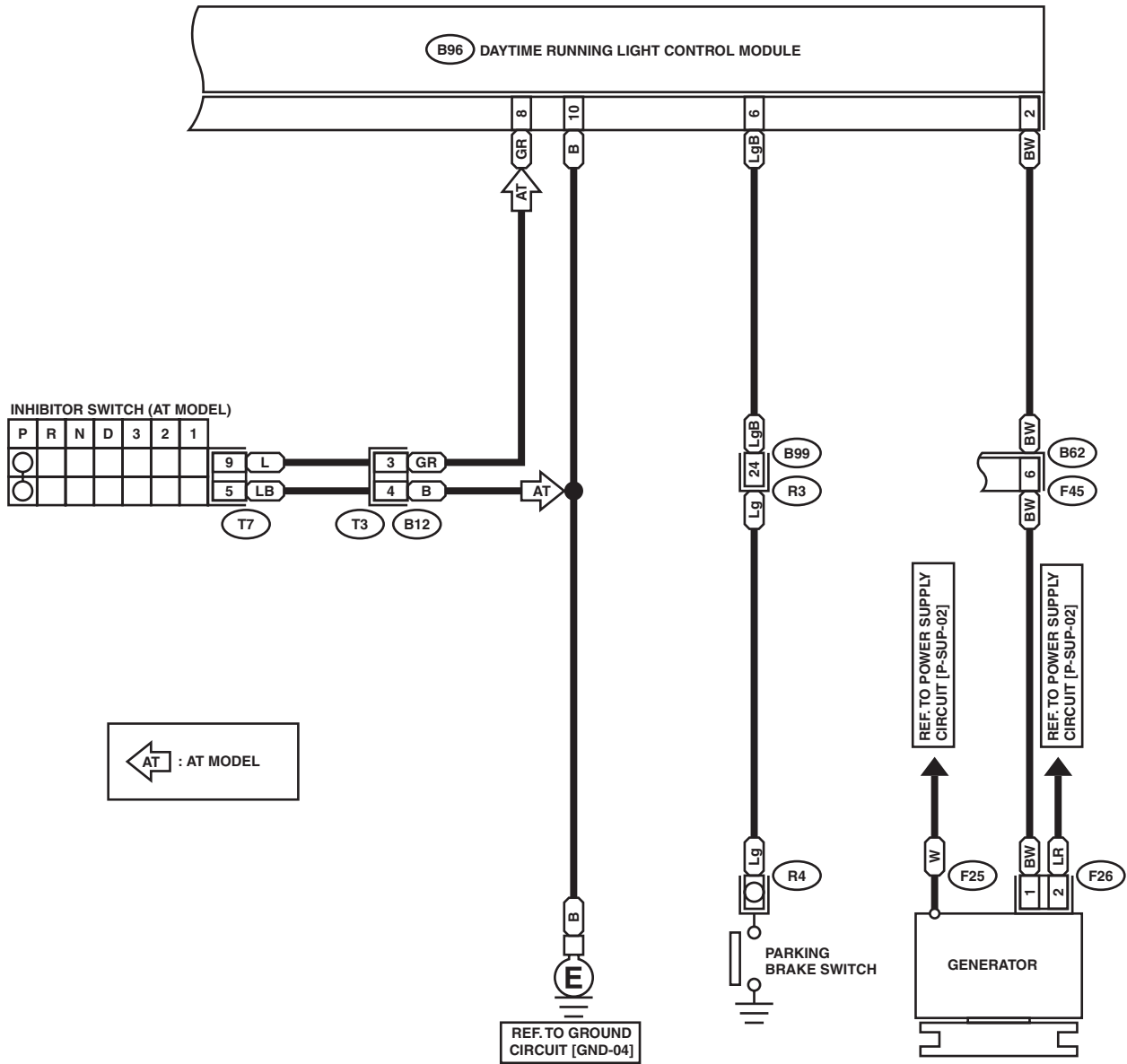


Headlight System

WIRING SYSTEM

H/L(BULB)-03

H/L(BULB)-03



WI-11644

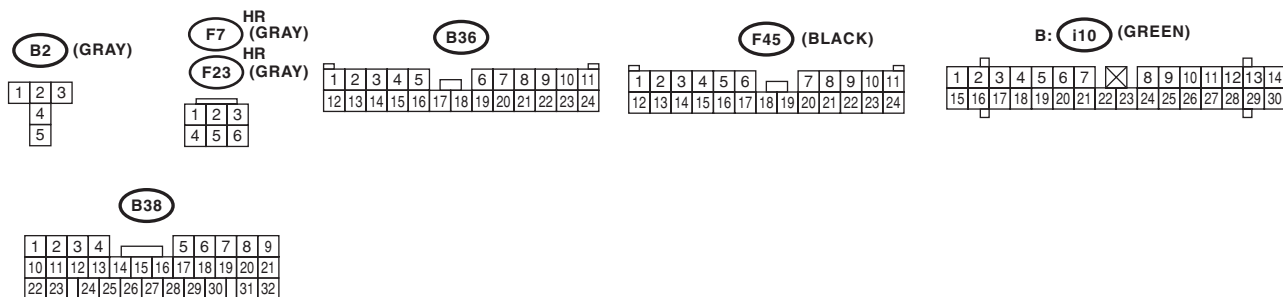
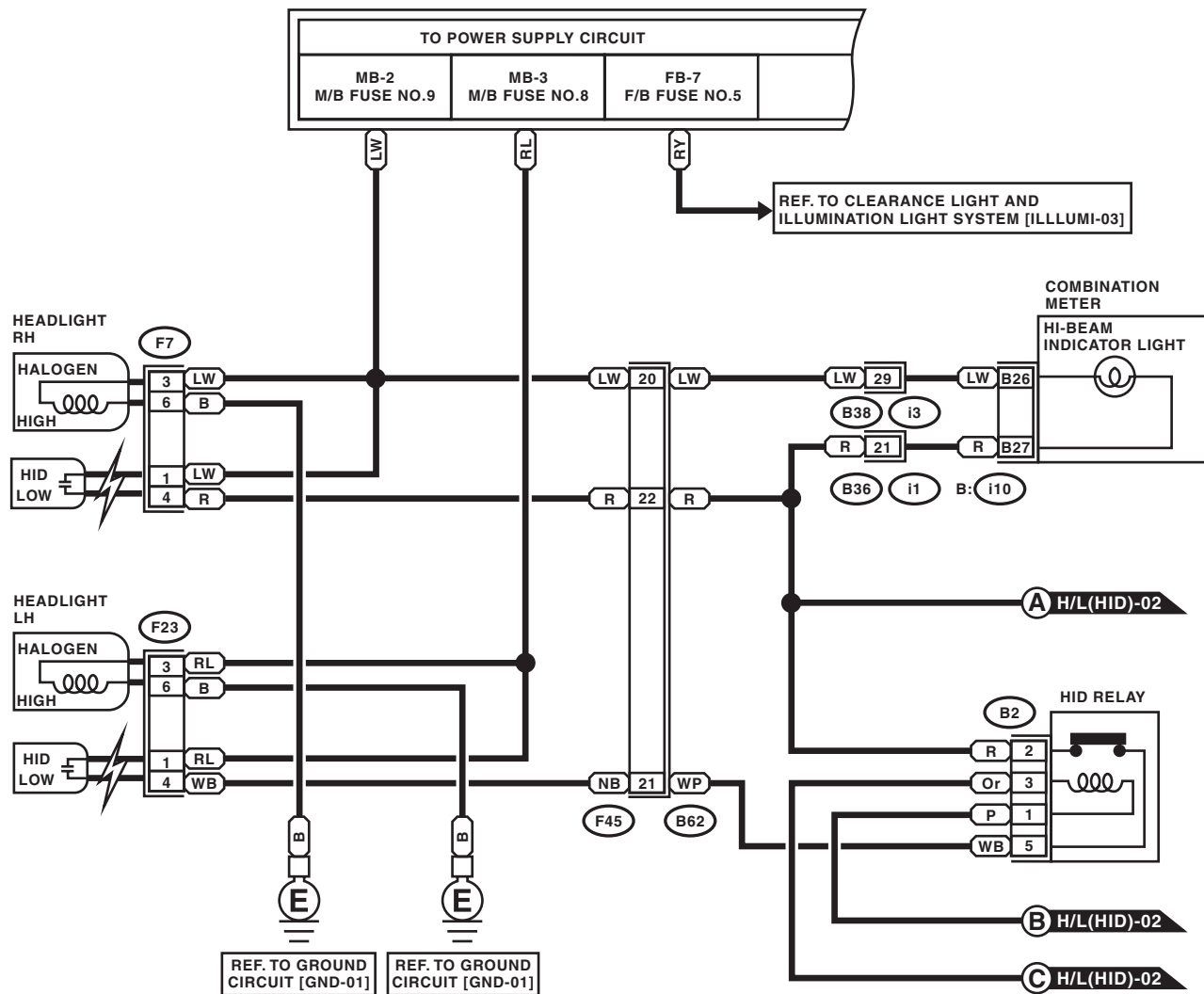
Headlight System

WIRING SYSTEM

3. MODEL WITH HID (VEHICLES PRIOR TO V.I.N. 733000)

H/L(HID)-01

H/L(HID)-01



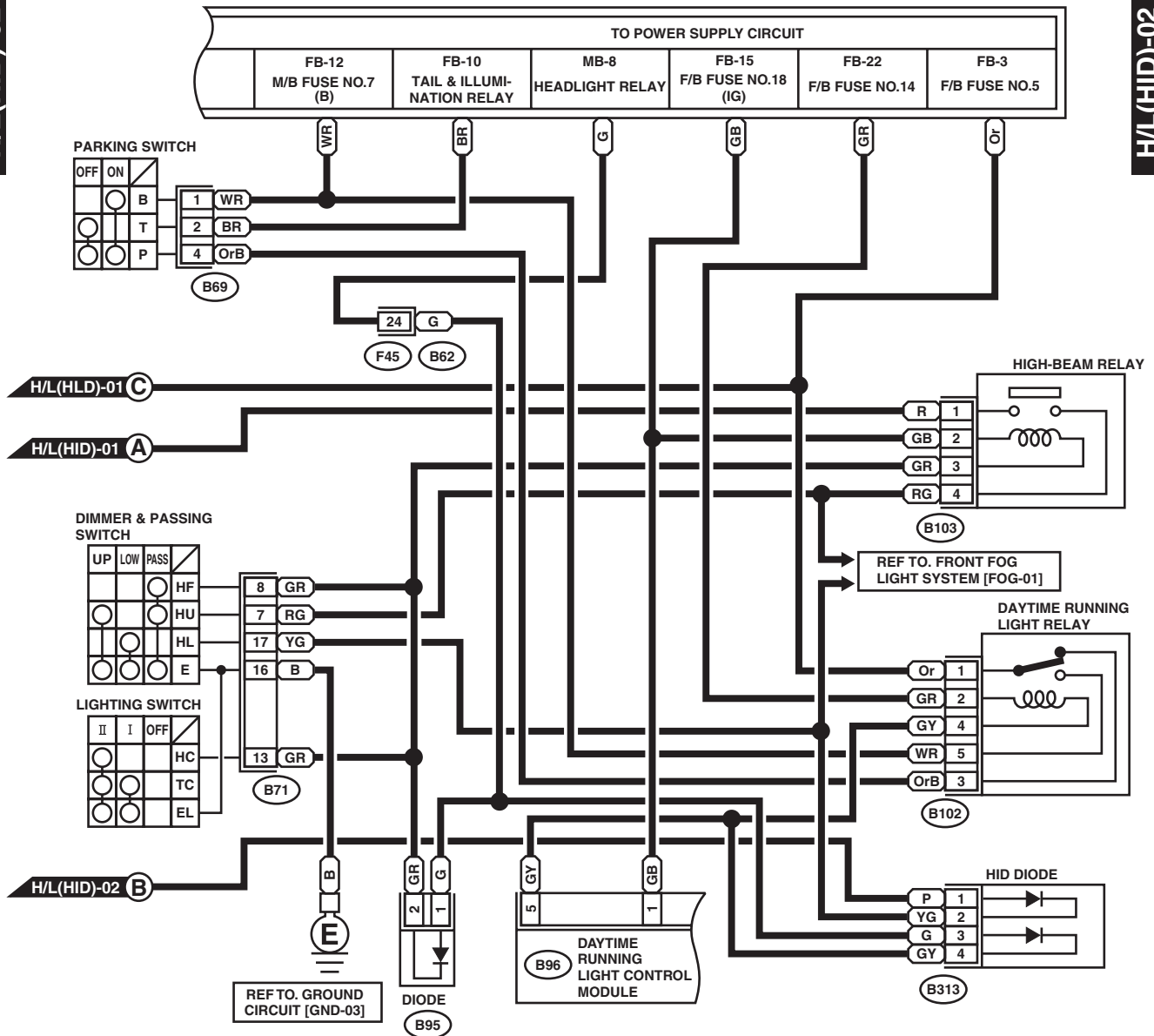
WI-11642

Headlight System

WIRING SYSTEM

H/L(HID)-02

H/L(HID)-02



B69



B95 (BROWN)



B103 (BLUE)



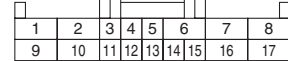
B102 (BLACK)



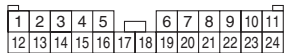
B96



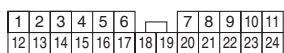
B71



B36



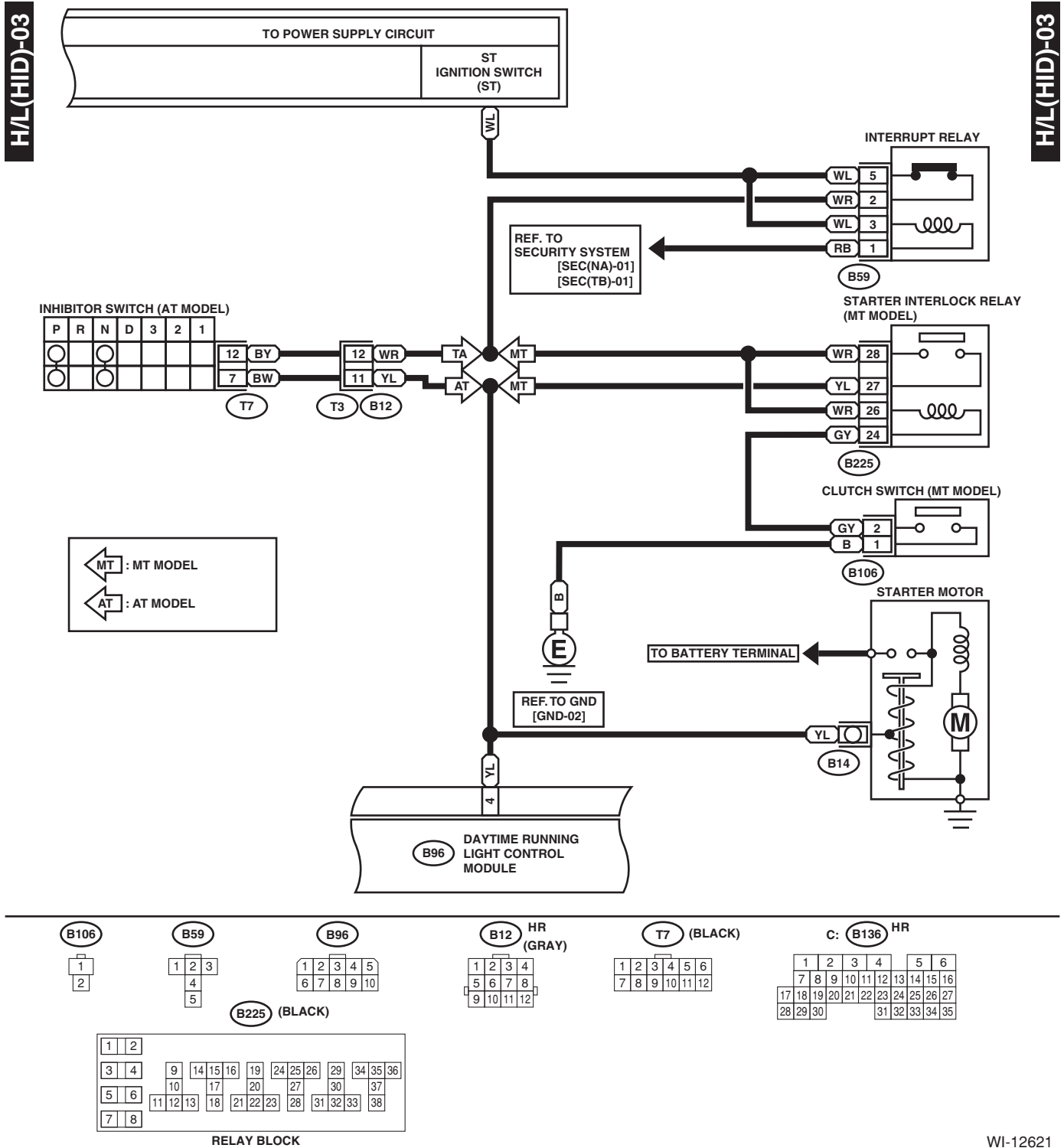
F45 (BLACK)



WI-08548

Headlight System

WIRING SYSTEM



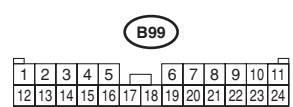
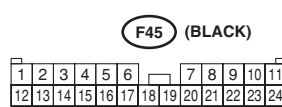
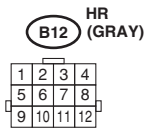
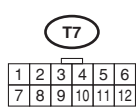
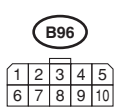
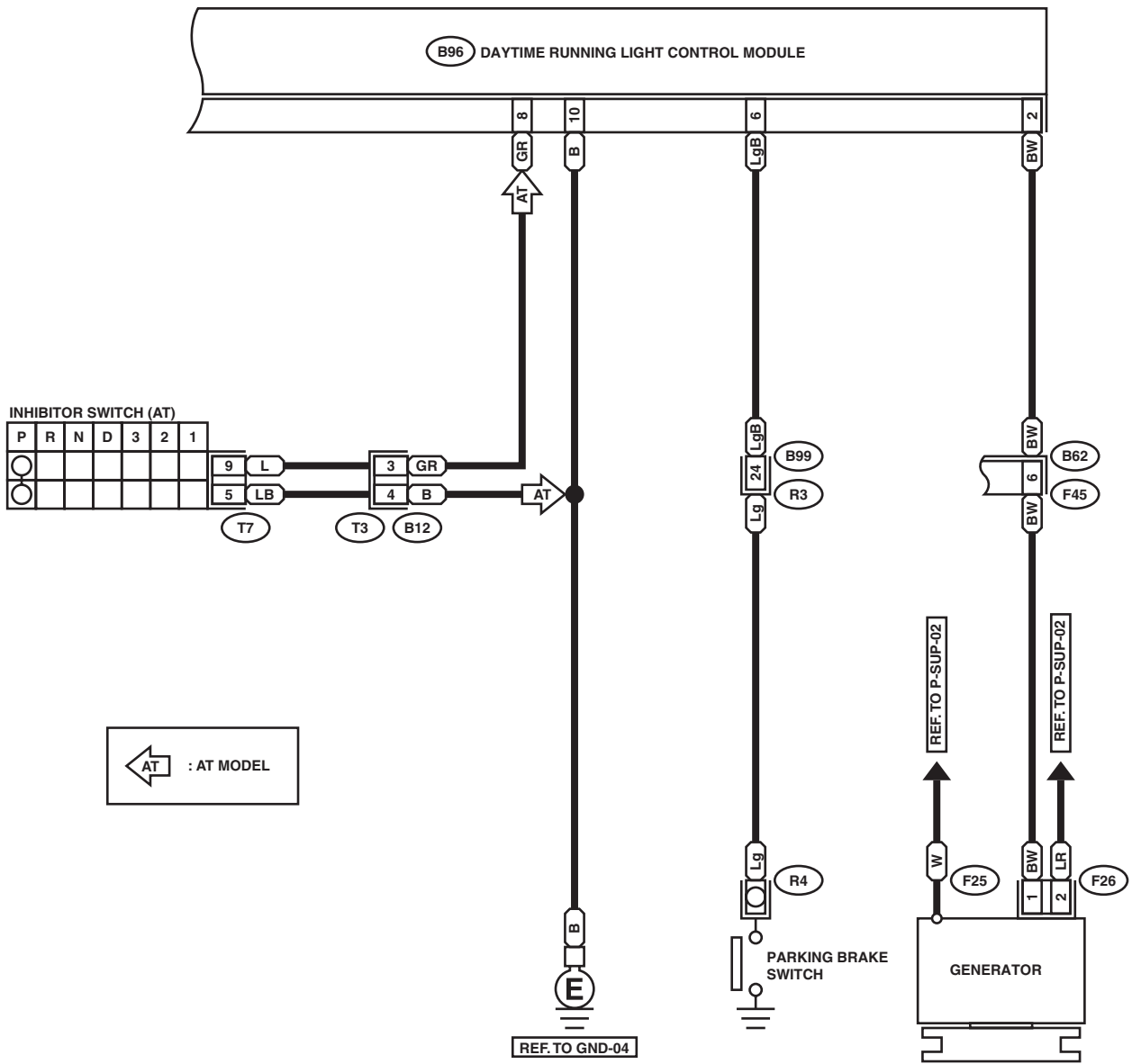
WI-12621

Headlight System

WIRING SYSTEM

H/L(HID)-04

H/L(HID)-04



WI-10670

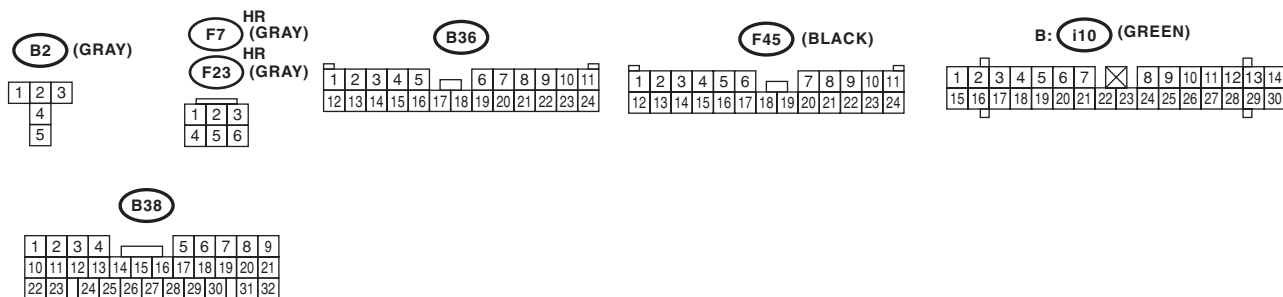
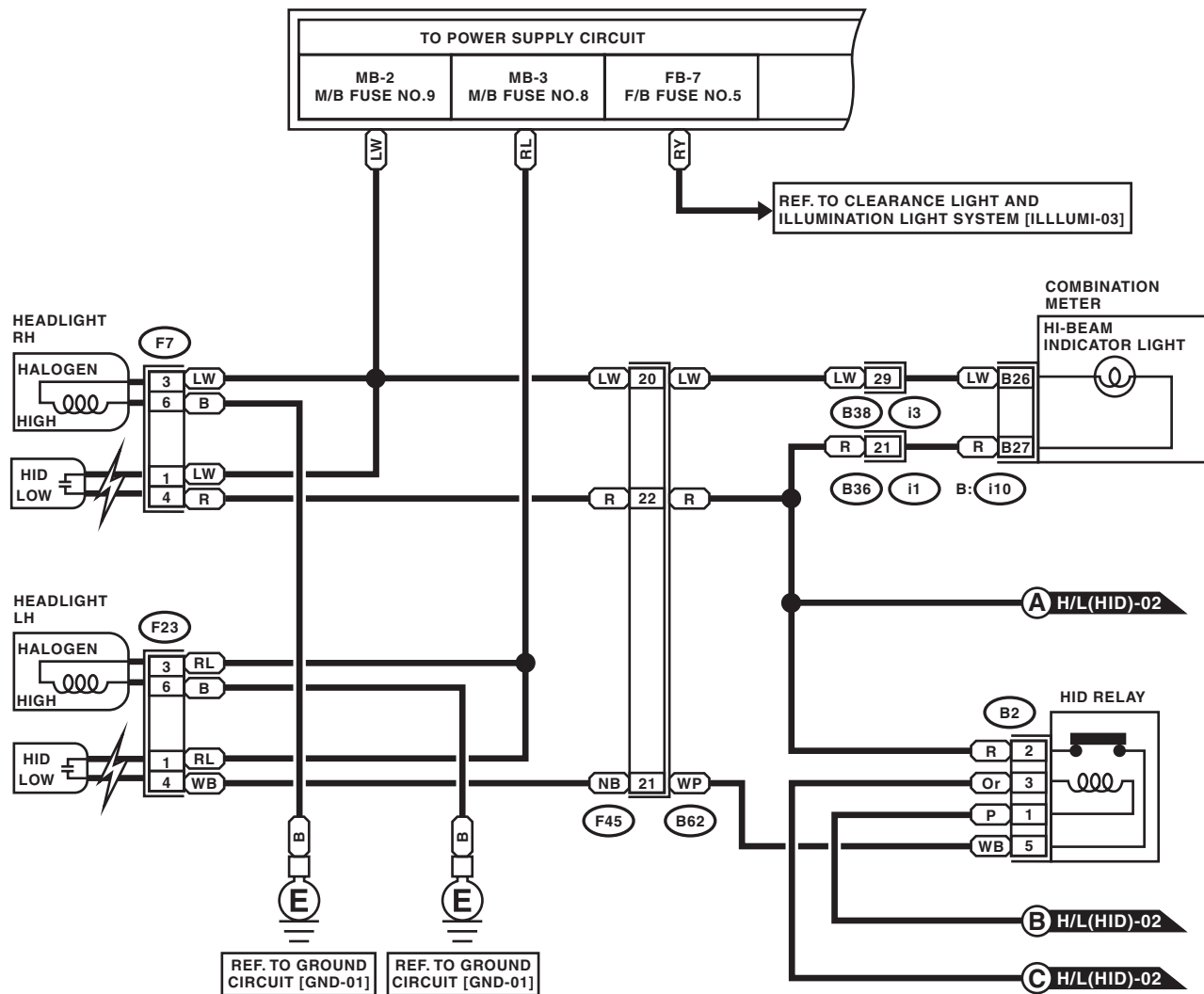
Headlight System

WIRING SYSTEM

4. MODEL WITH HID (VEHICLES AFTER V.I.N. 733001)

H/L(HID)-01

H/L(HID)-01



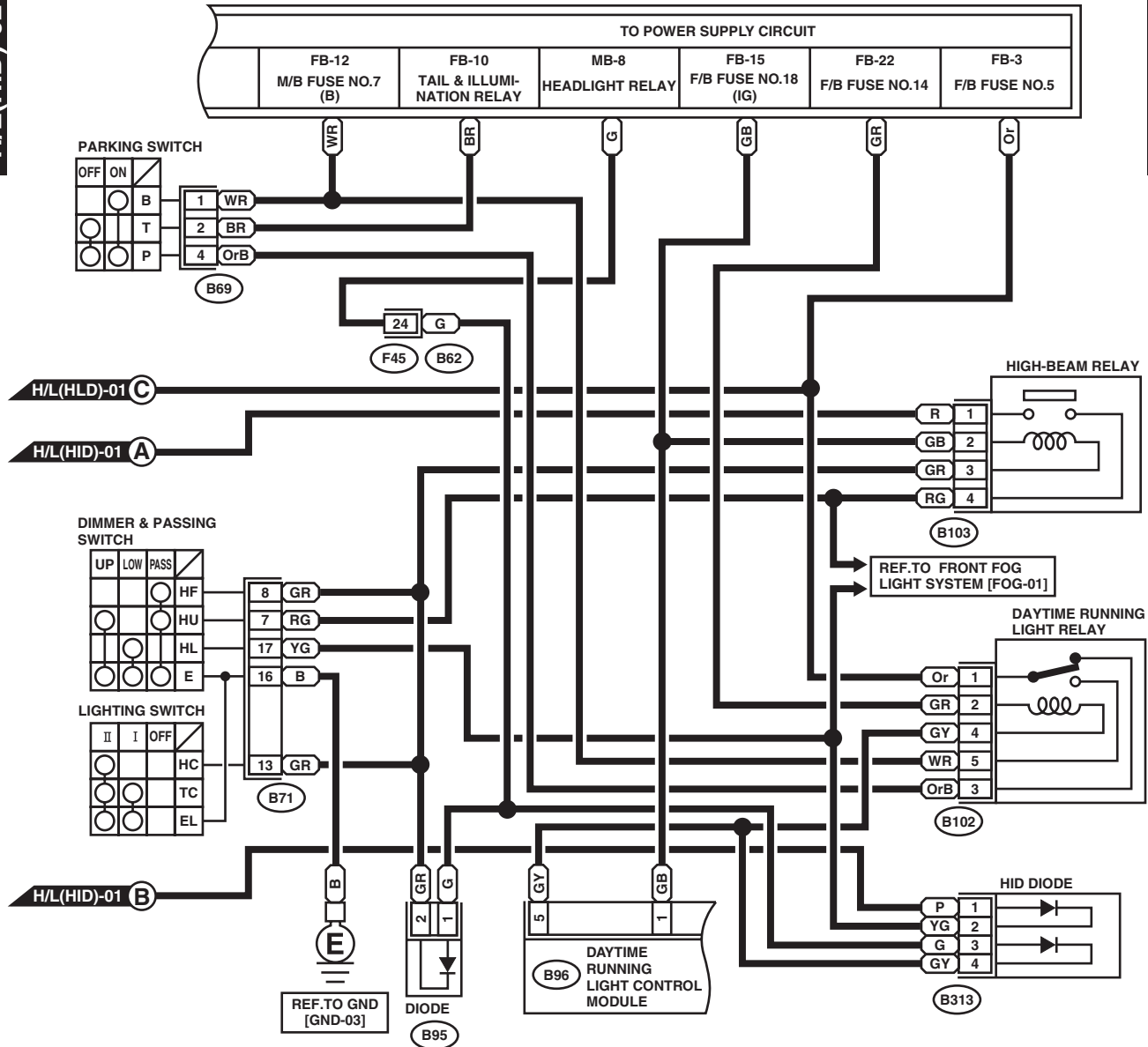
WI-11642

Headlight System

WIRING SYSTEM

H/L(HID)-02

H/L(HID)-02



B69

1	2
3	4

B95 (BROWN)

1	2	3	4
1	2	3	4

B103 (BLUE)

1	2	3
2	3	4
2	3	4

B102 (BLACK)

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

B96

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

B71

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

B36

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

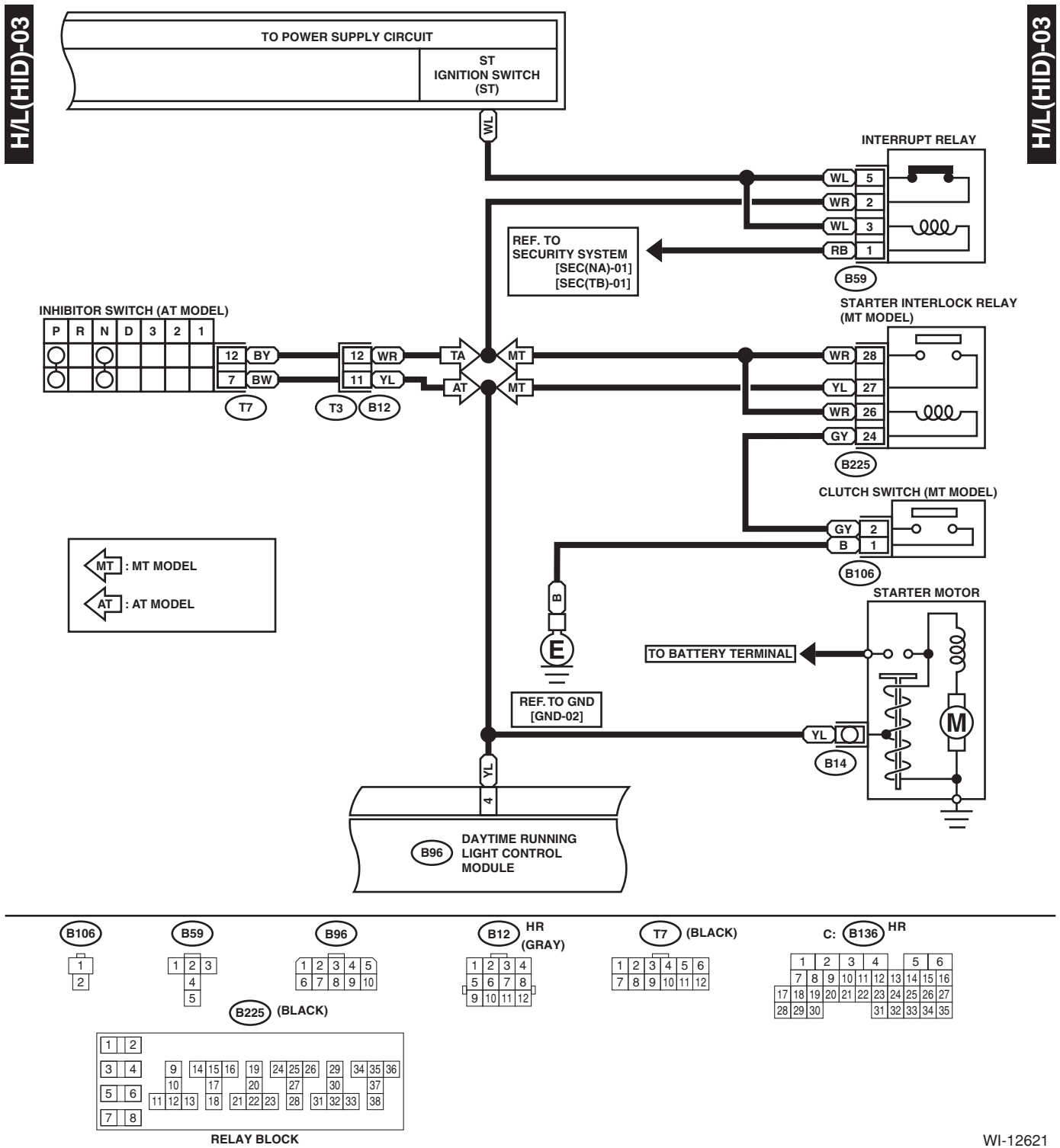
F45 (BLACK)

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

WI-11672

Headlight System

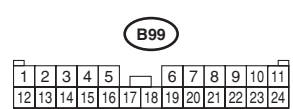
WIRING SYSTEM



WI-12621

WIRING SYSTEM

H/L(HID)-04

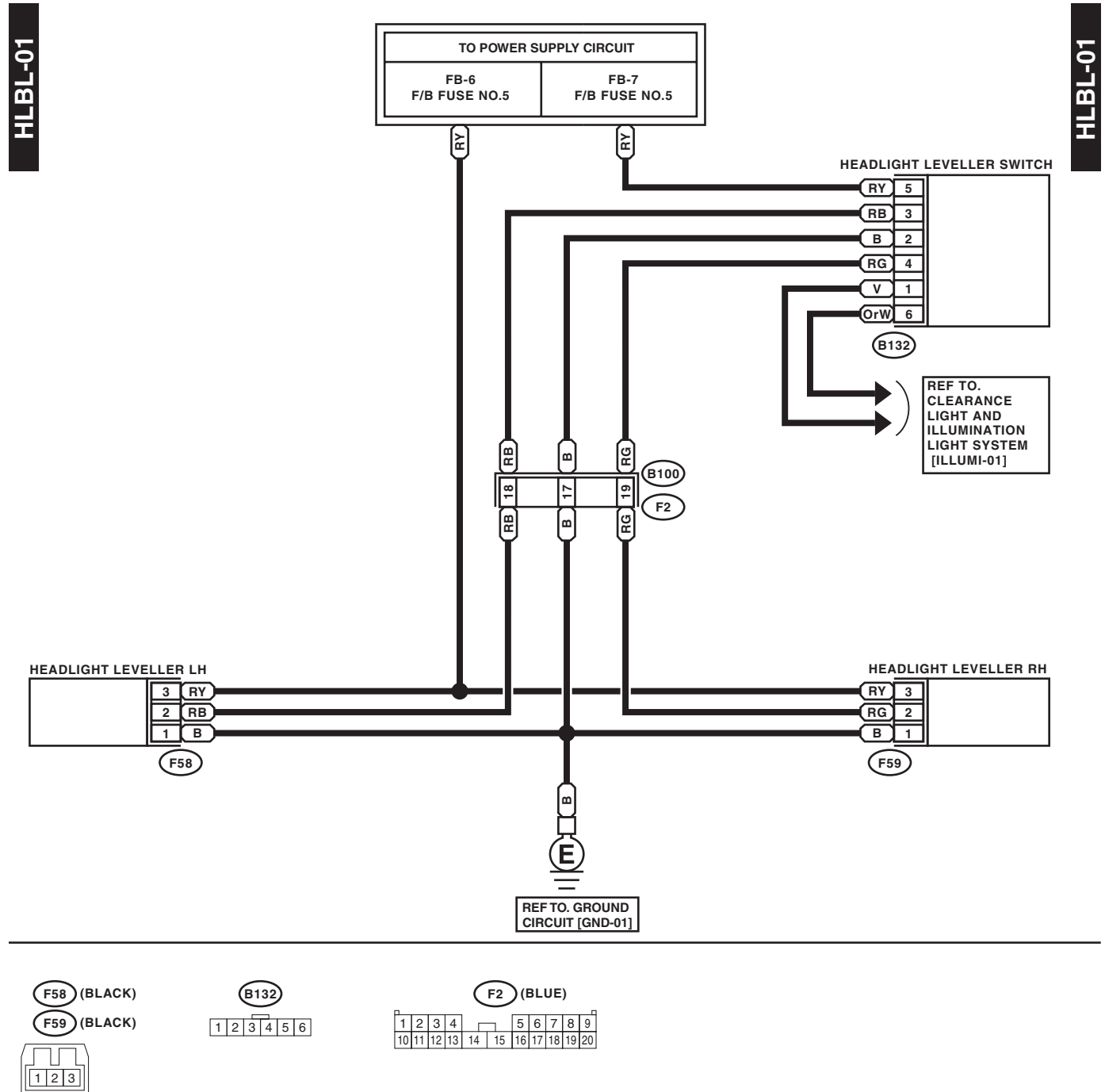


Headlight Beam Leveler System

WIRING SYSTEM

23.Headlight Beam Leveler System

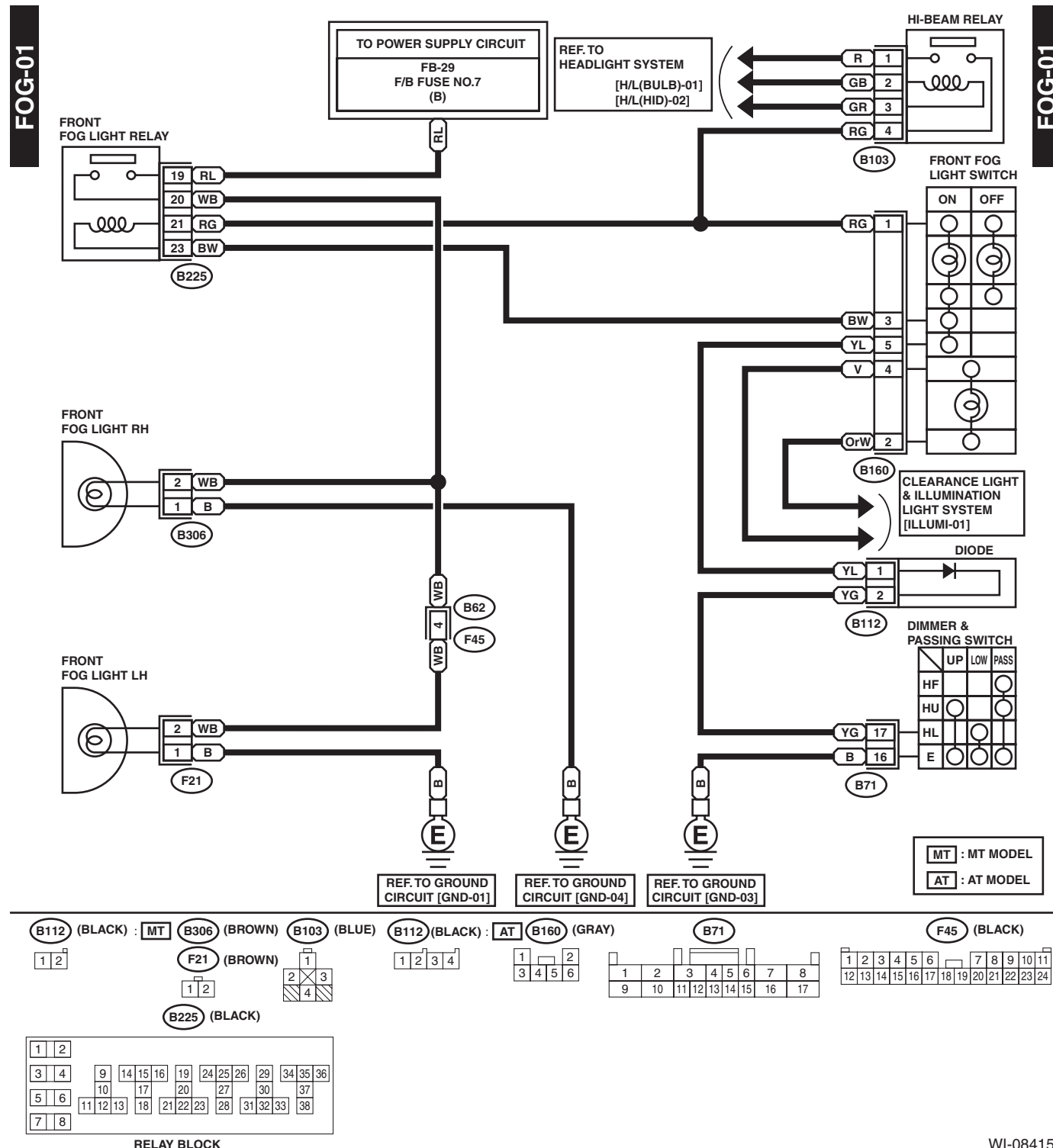
A: WIRING DIAGRAM



WI-08549

24.Front Fog Light System

A: WIRING DIAGRAM



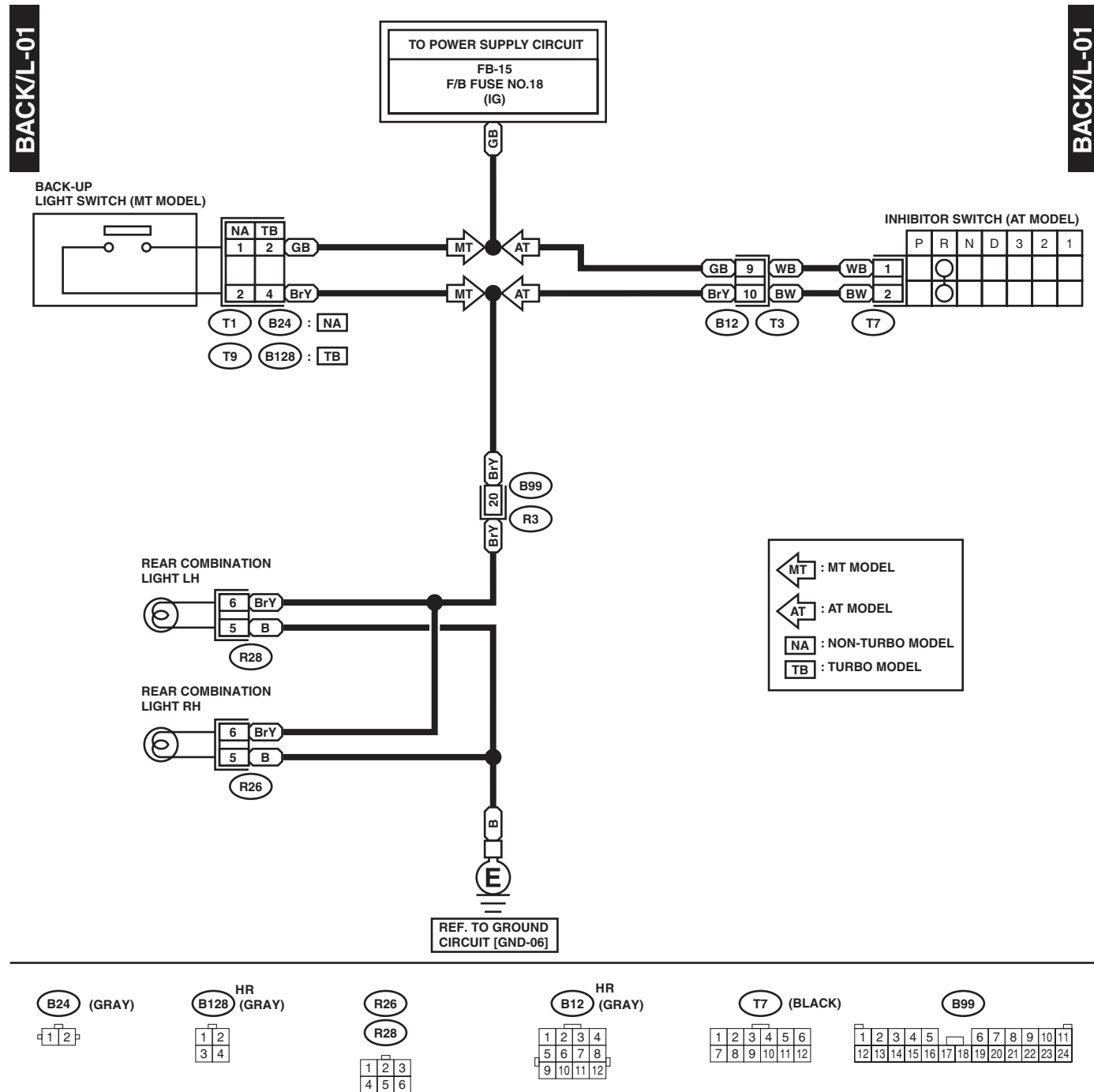
WI-08415

Back-up Light System

WIRING SYSTEM

25.Back-up Light System

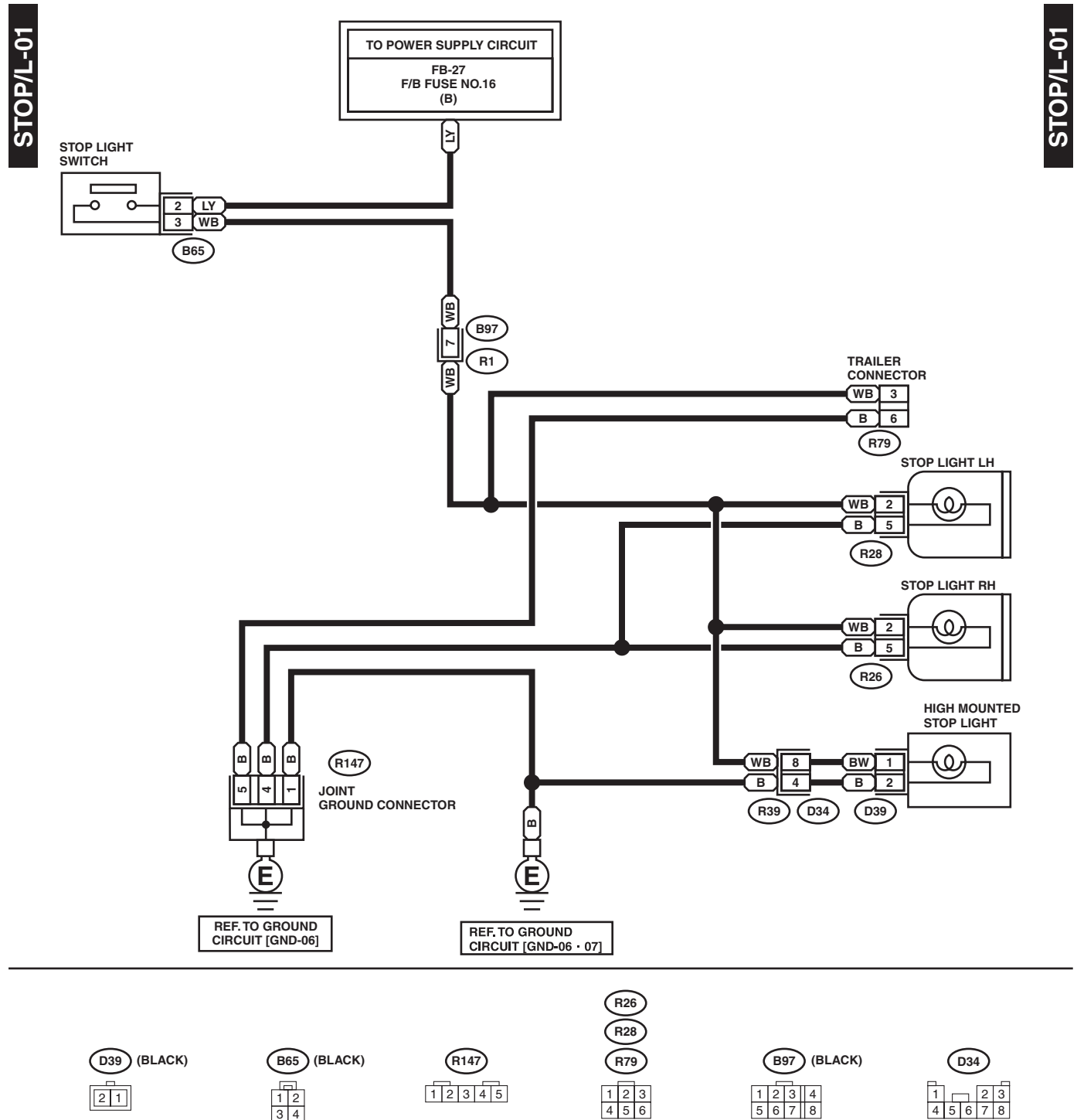
A: WIRING DIAGRAM



WI-11645

26.Stop Light System

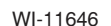
A: WIRING DIAGRAM



WI-08417

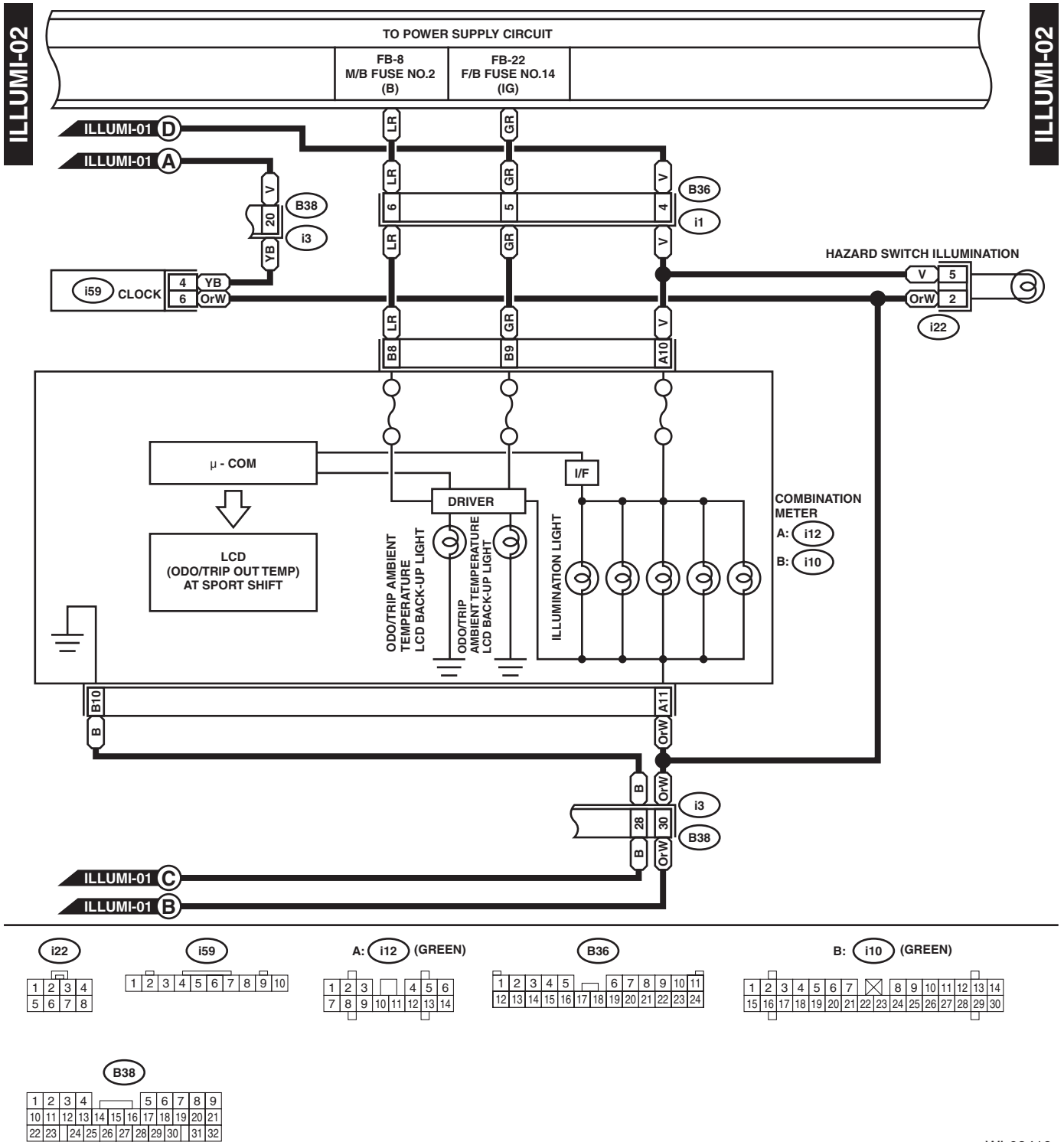
WIRING SYSTEM

A: WIRING DIAGRAM



Clearance Light and Illumination Light System

WIRING SYSTEM



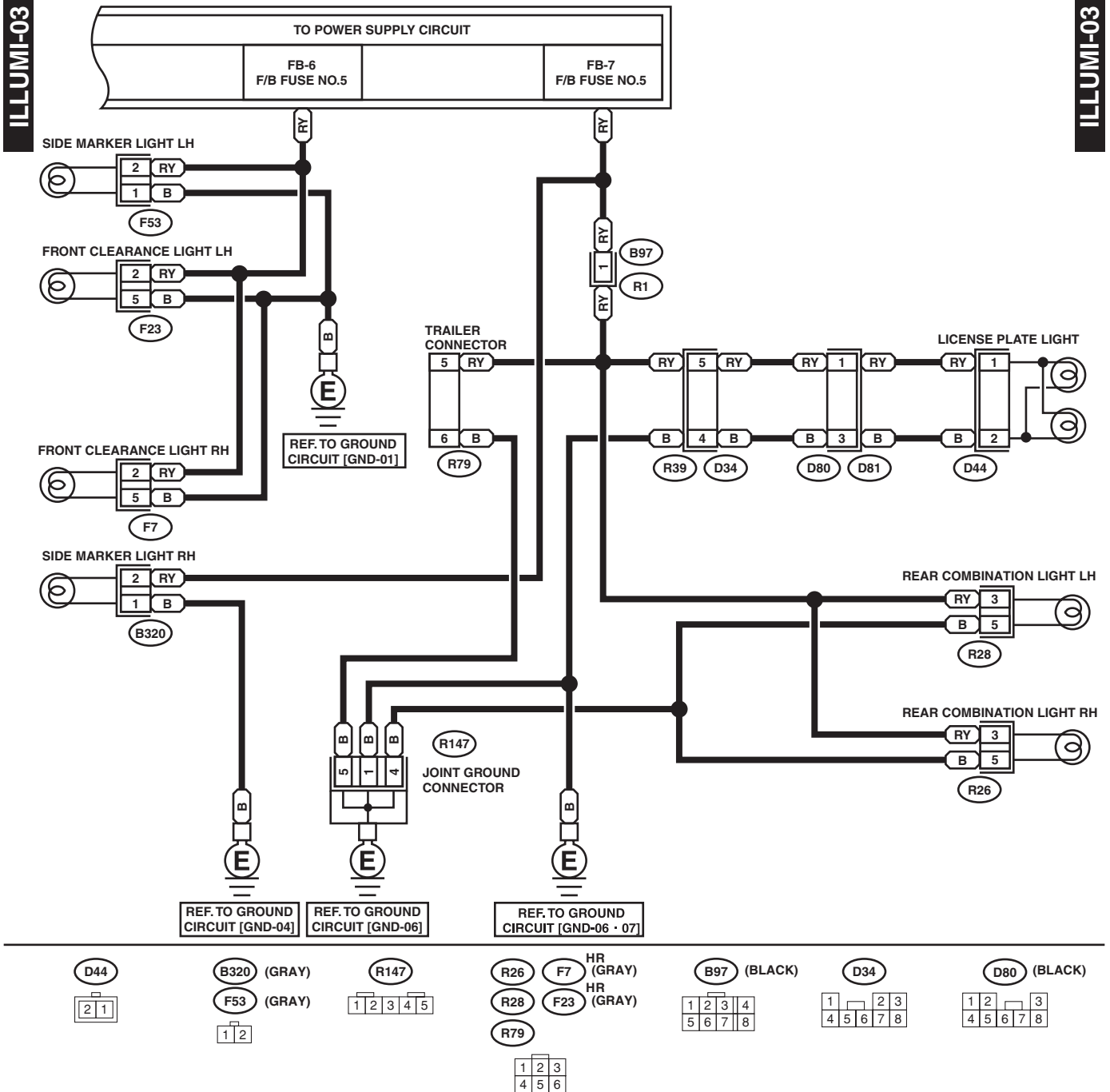
WI-08419

Clearance Light and Illumination Light System

WIRING SYSTEM

ILLUMI-03

ILLUMI-03



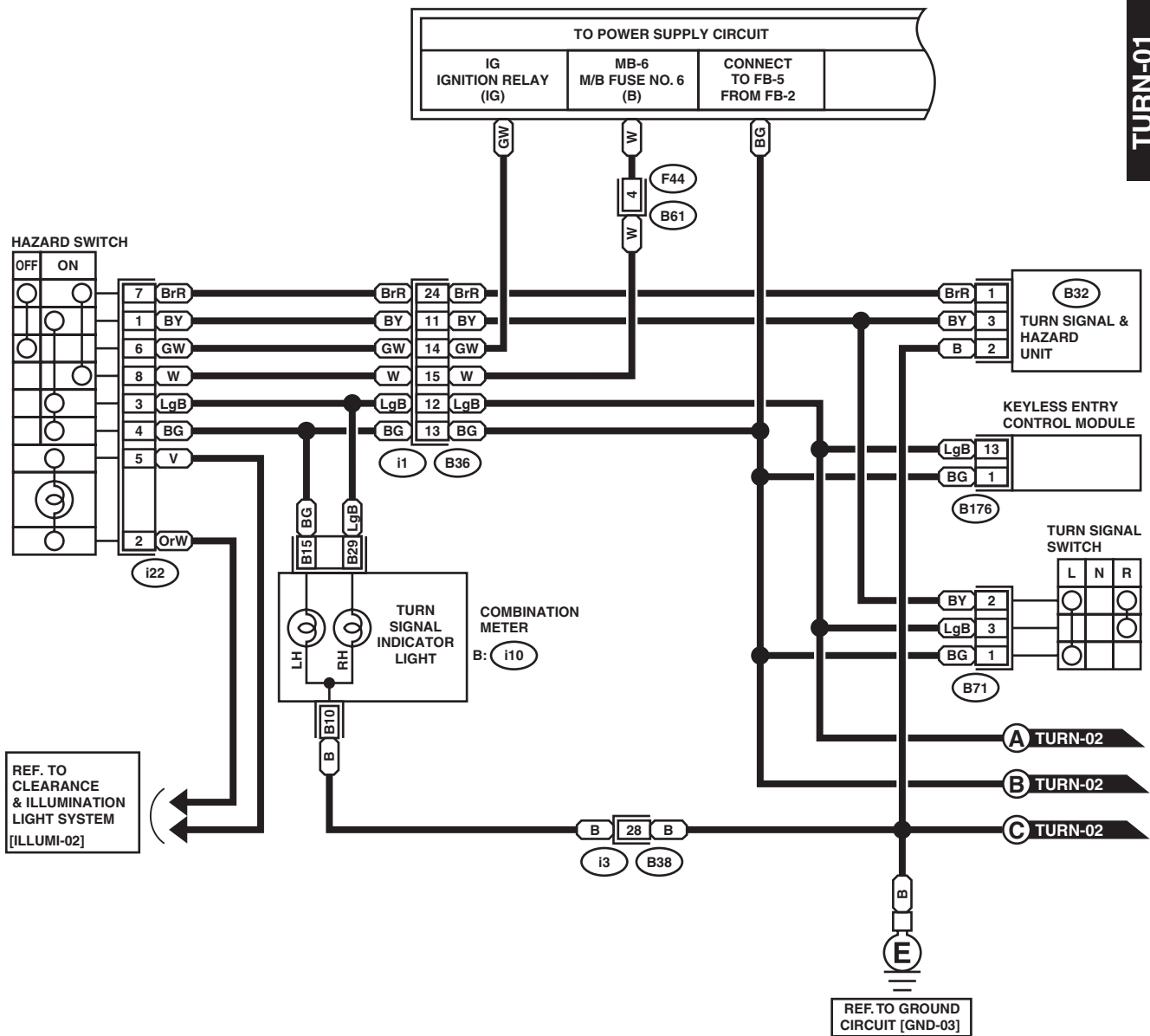
WI-11647

28. Turn Signal Light and Hazard Light System

A: WIRING DIAGRAM

TURN-01

TURN-01



B32 (BLACK)



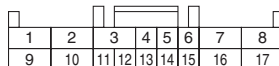
F44 (BLACK)



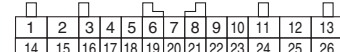
i22



B71



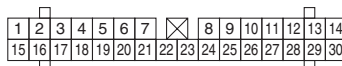
B176 (GRAY)



B36



B: i10 (GREEN)



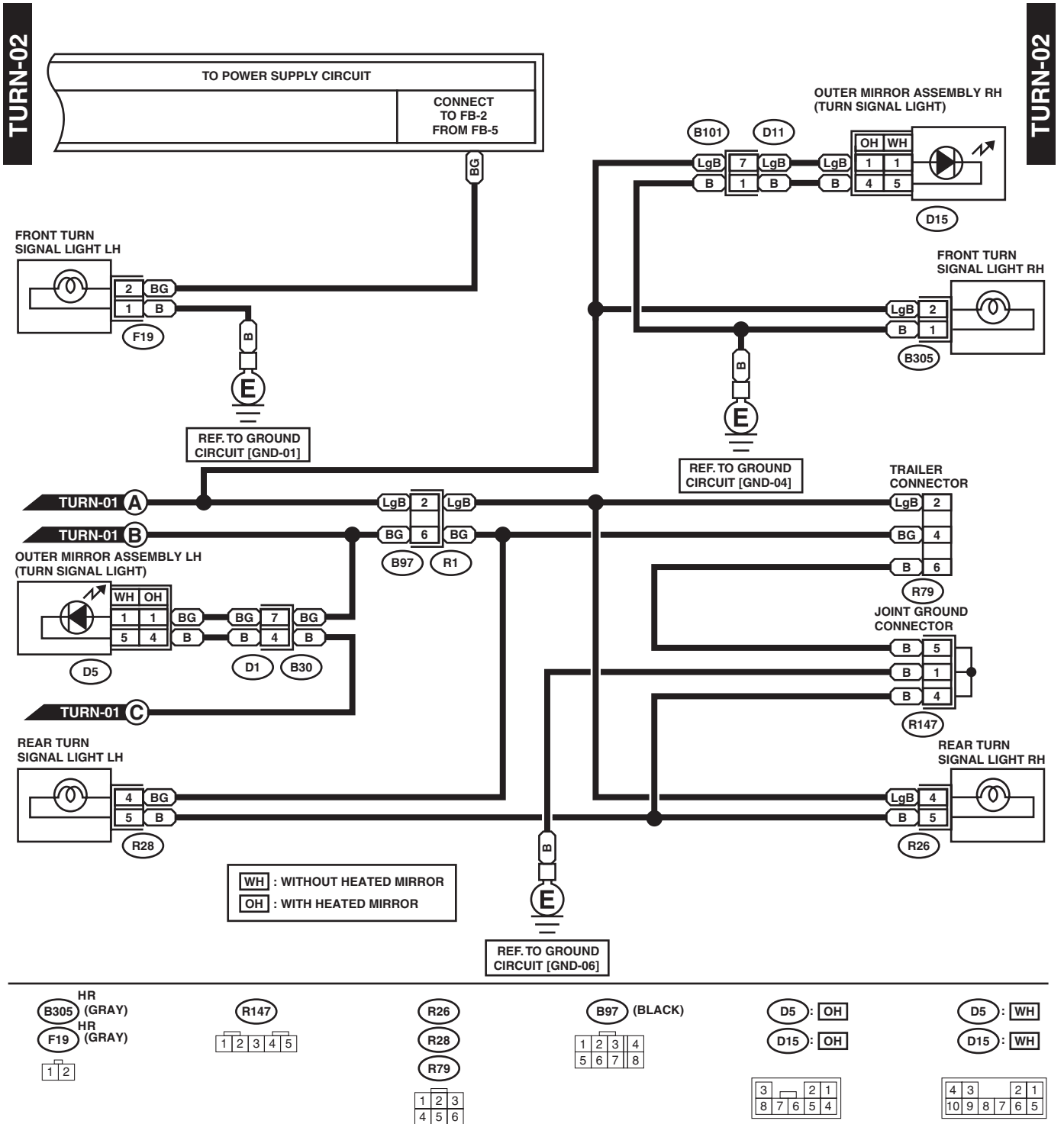
B38



WI-08421

Turn Signal Light and Hazard Light System

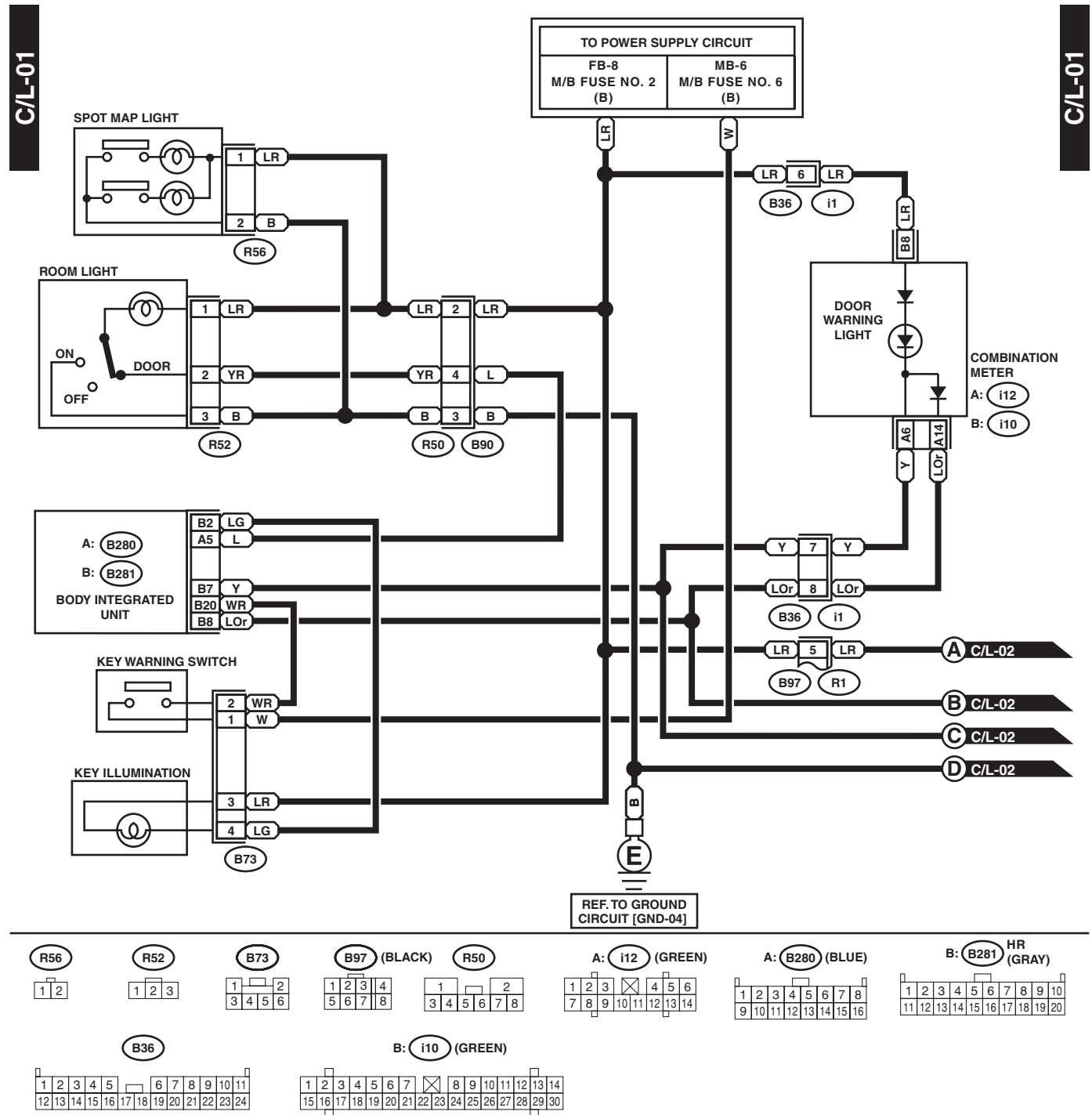
WIRING SYSTEM



WI-11648

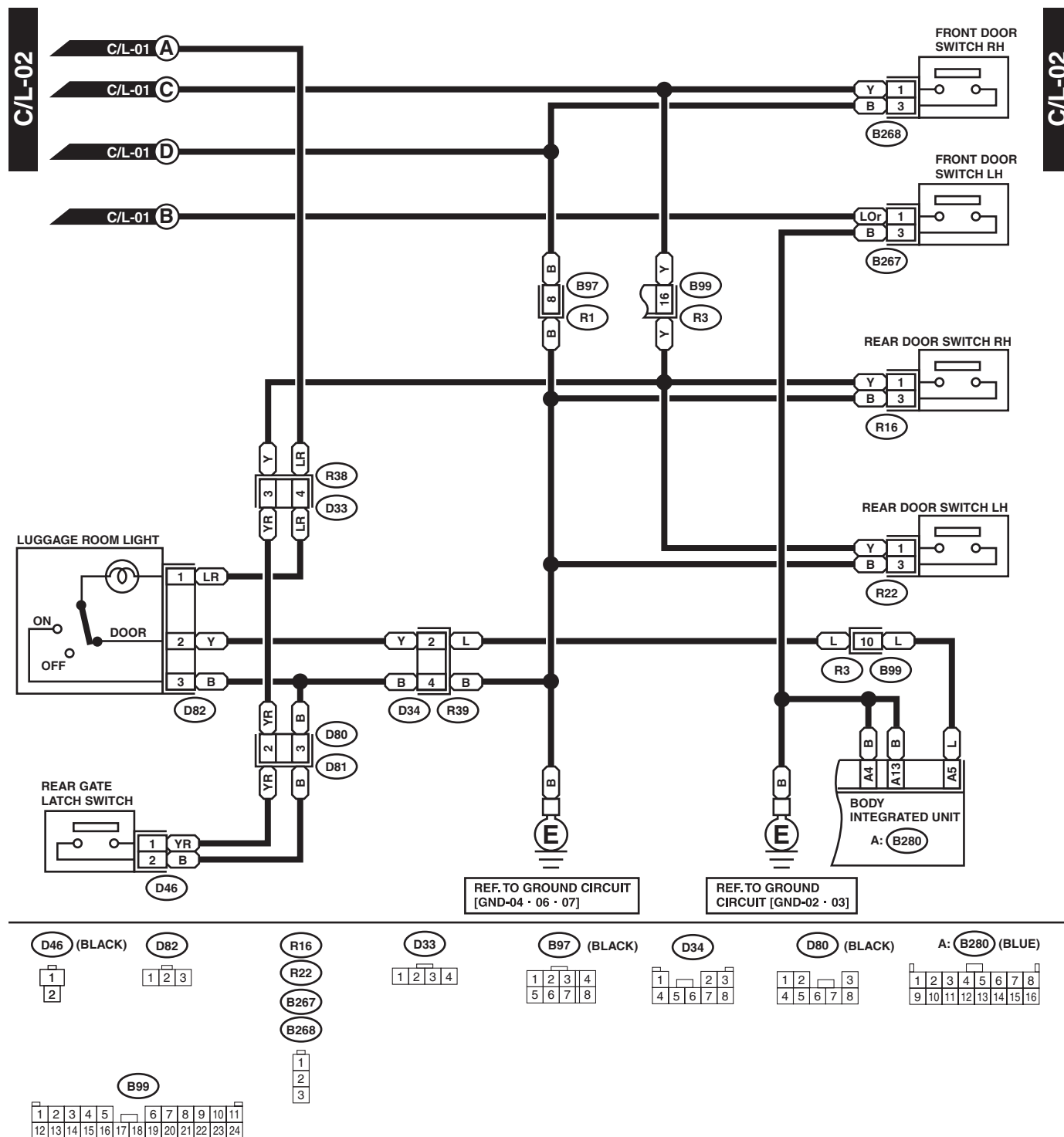
29. Interior Light System

A: WIRING DIAGRAM



Interior Light System

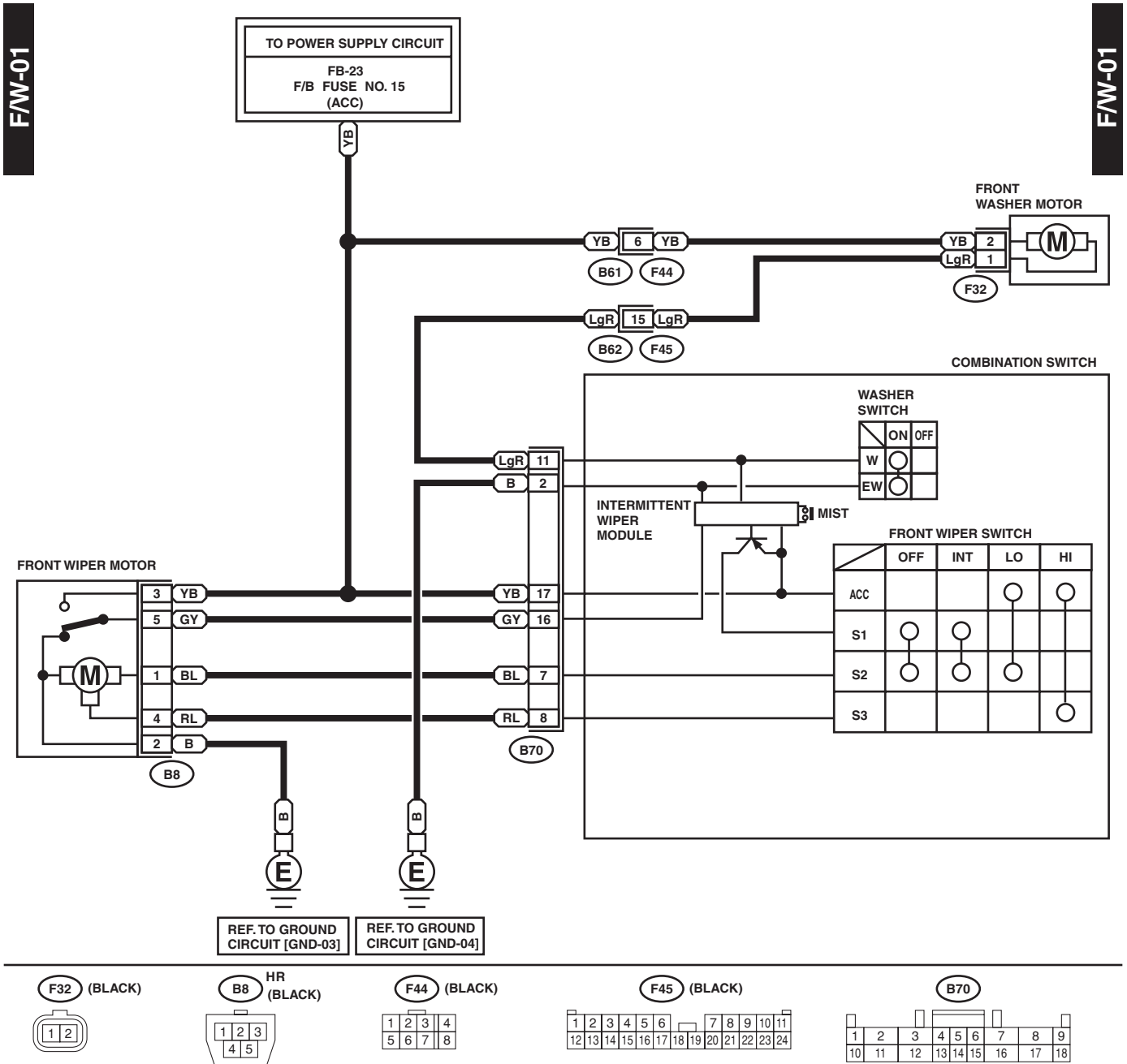
WIRING SYSTEM



WI-08424

30.Front Wiper and Washer System

A: WIRING DIAGRAM

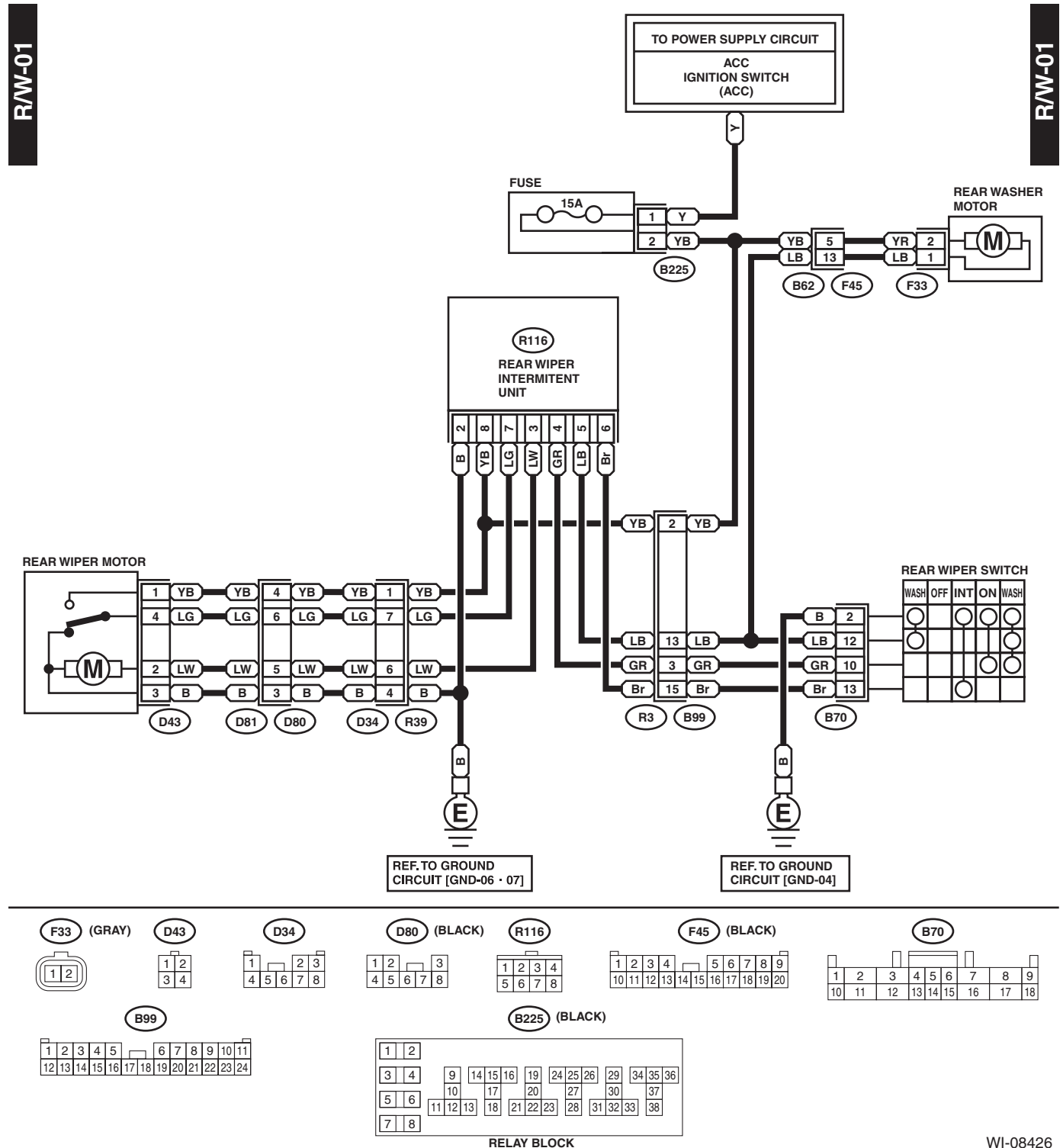


Rear Wiper and Washer System

WIRING SYSTEM

31.Rear Wiper and Washer System

A: WIRING DIAGRAM



WI-08426

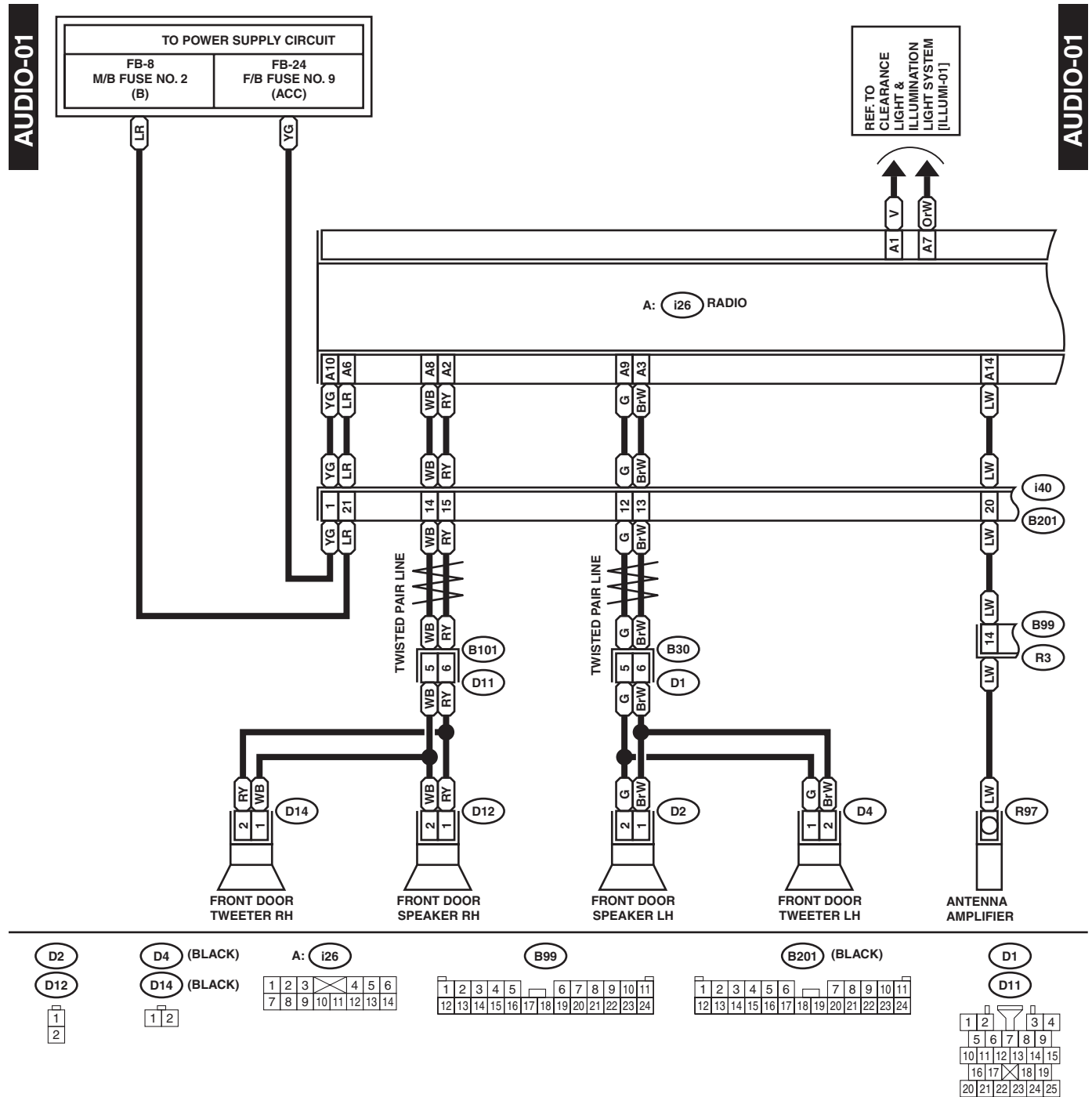
A: WIRING DIAGRAM

W/D-01



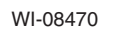
33.Audio System

A: WIRING DIAGRAM



WI-08427

WIRING SYSTEM

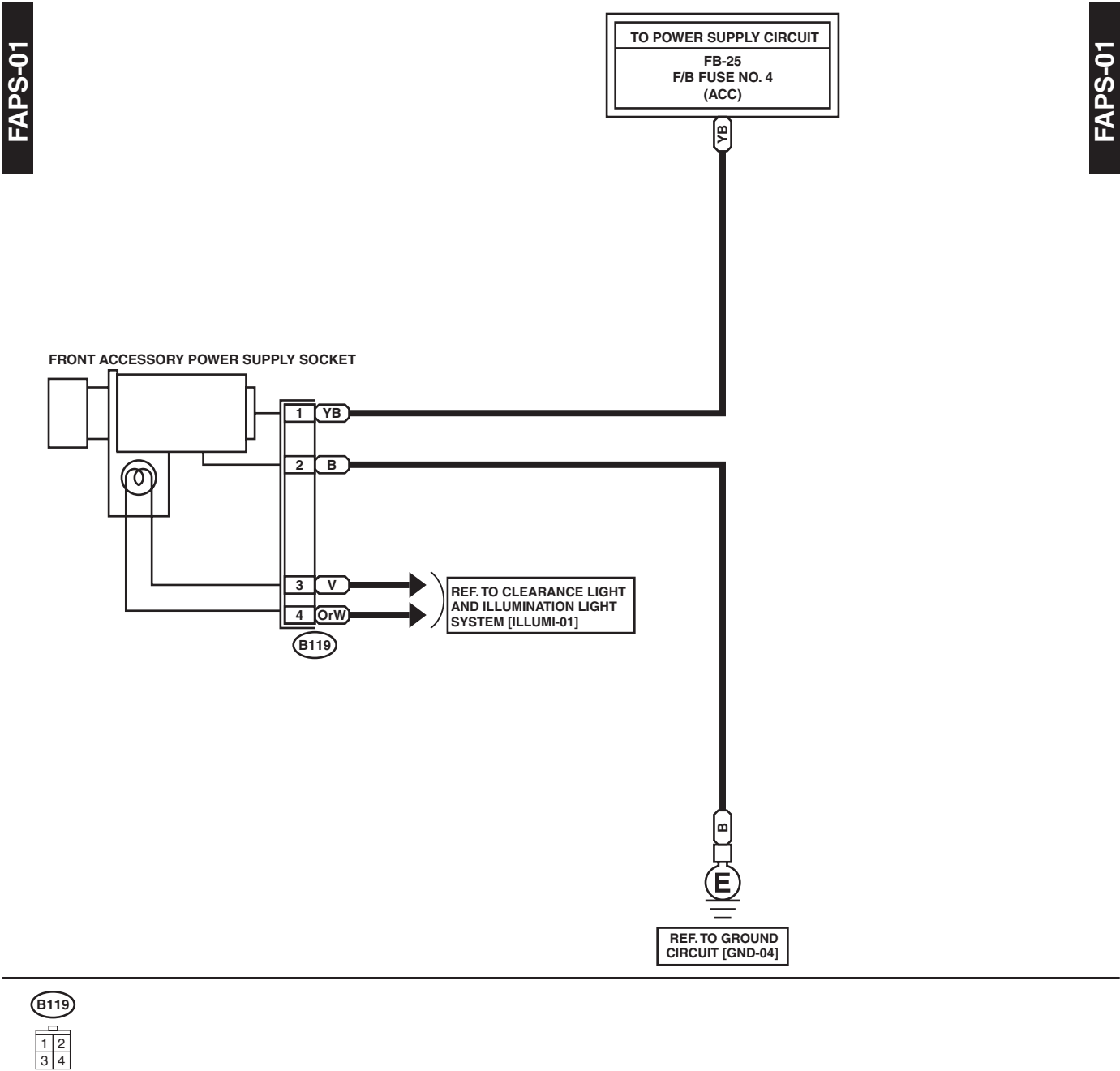


Front Accessory Power Supply Socket System

WIRING SYSTEM

34.Front Accessory Power Supply Socket System

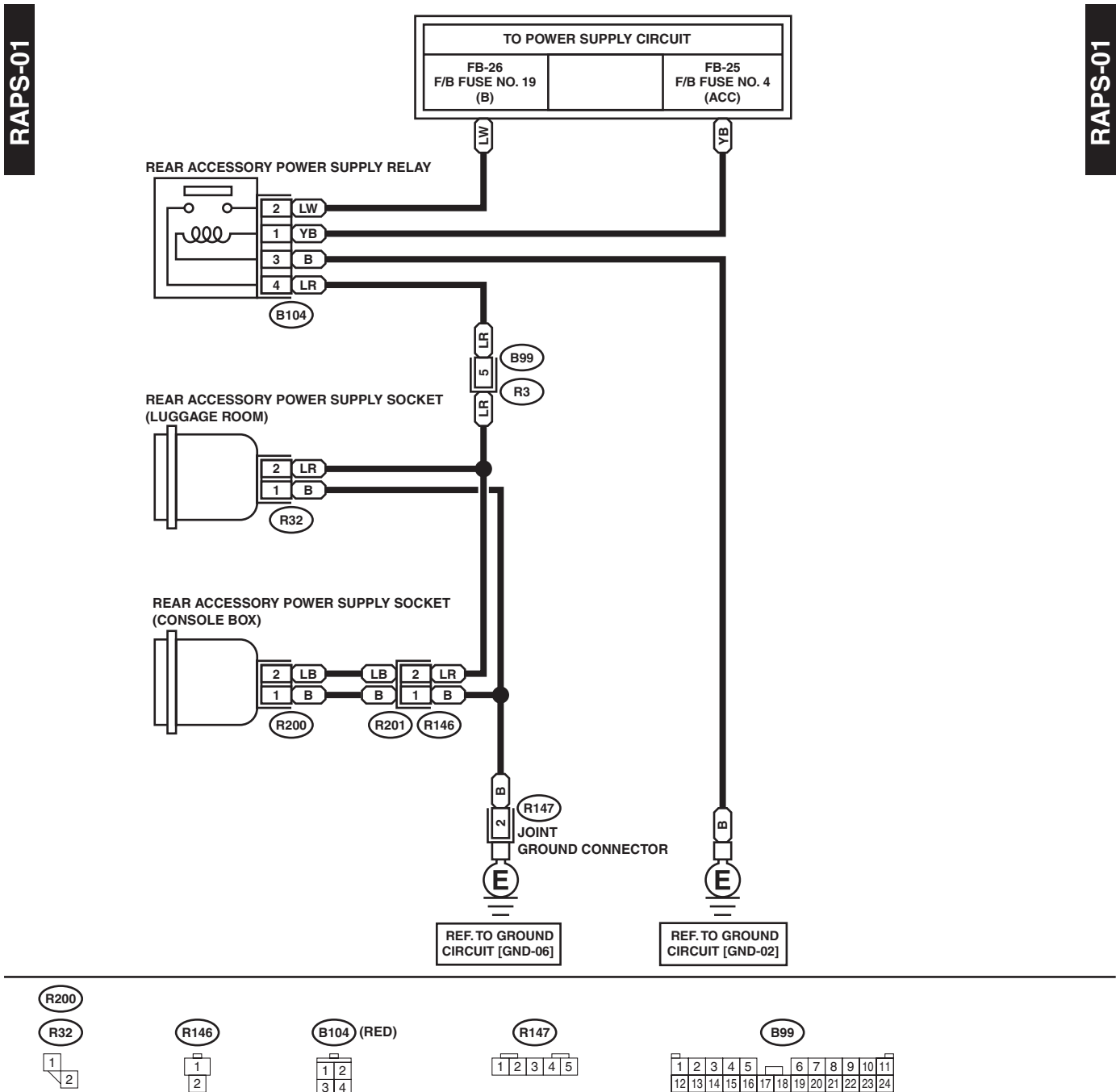
A: WIRING DIAGRAM



WI-08311

35.Rear Accessory Power Supply Socket System

A: WIRING DIAGRAM



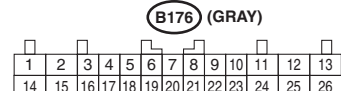
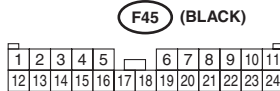
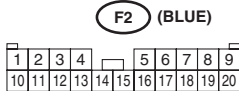
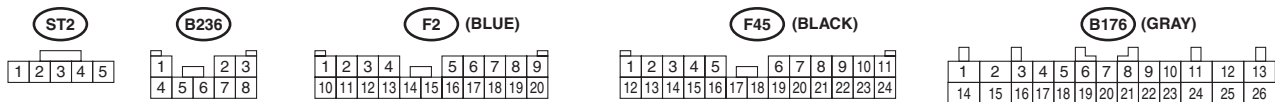
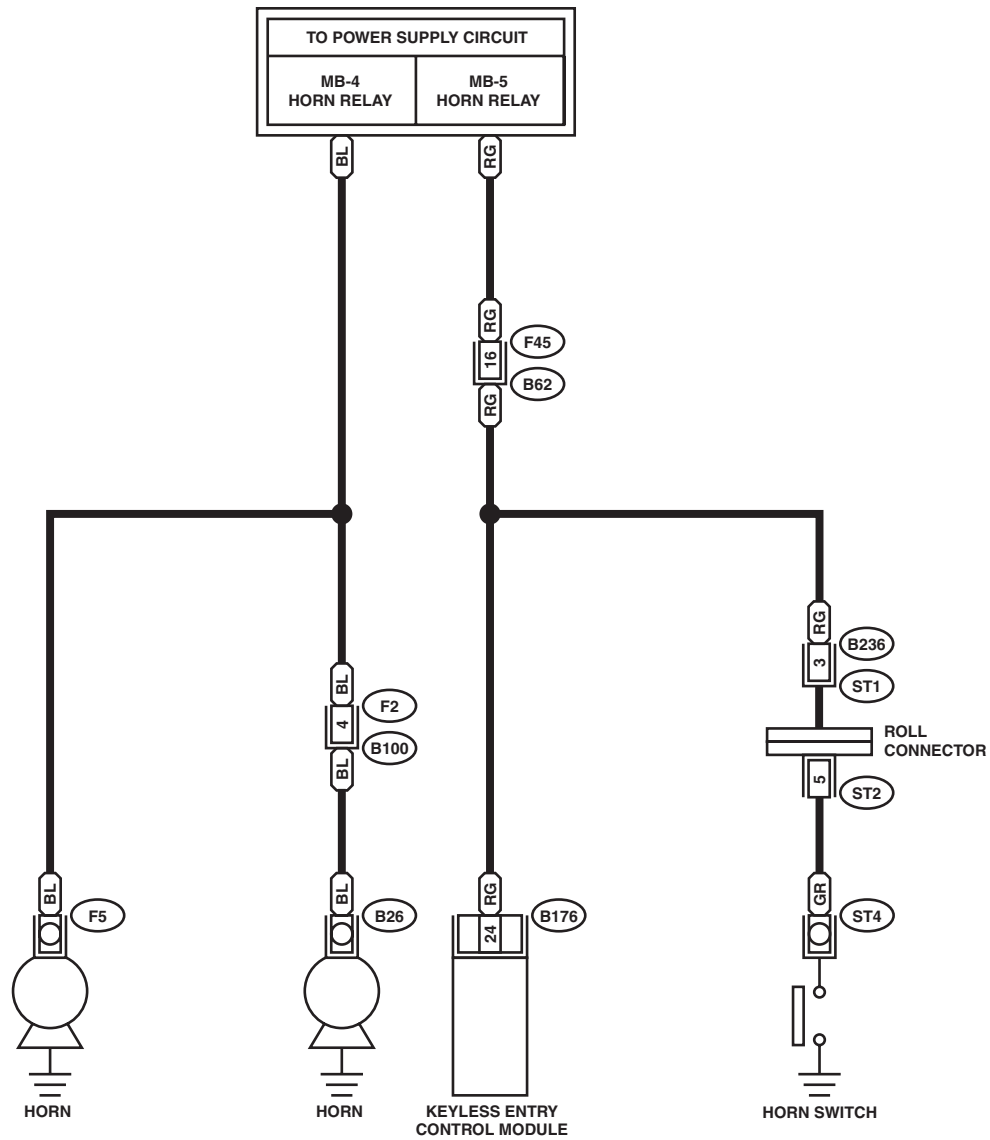
WIRING SYSTEM

36.Horn System

A: WIRING DIAGRAM

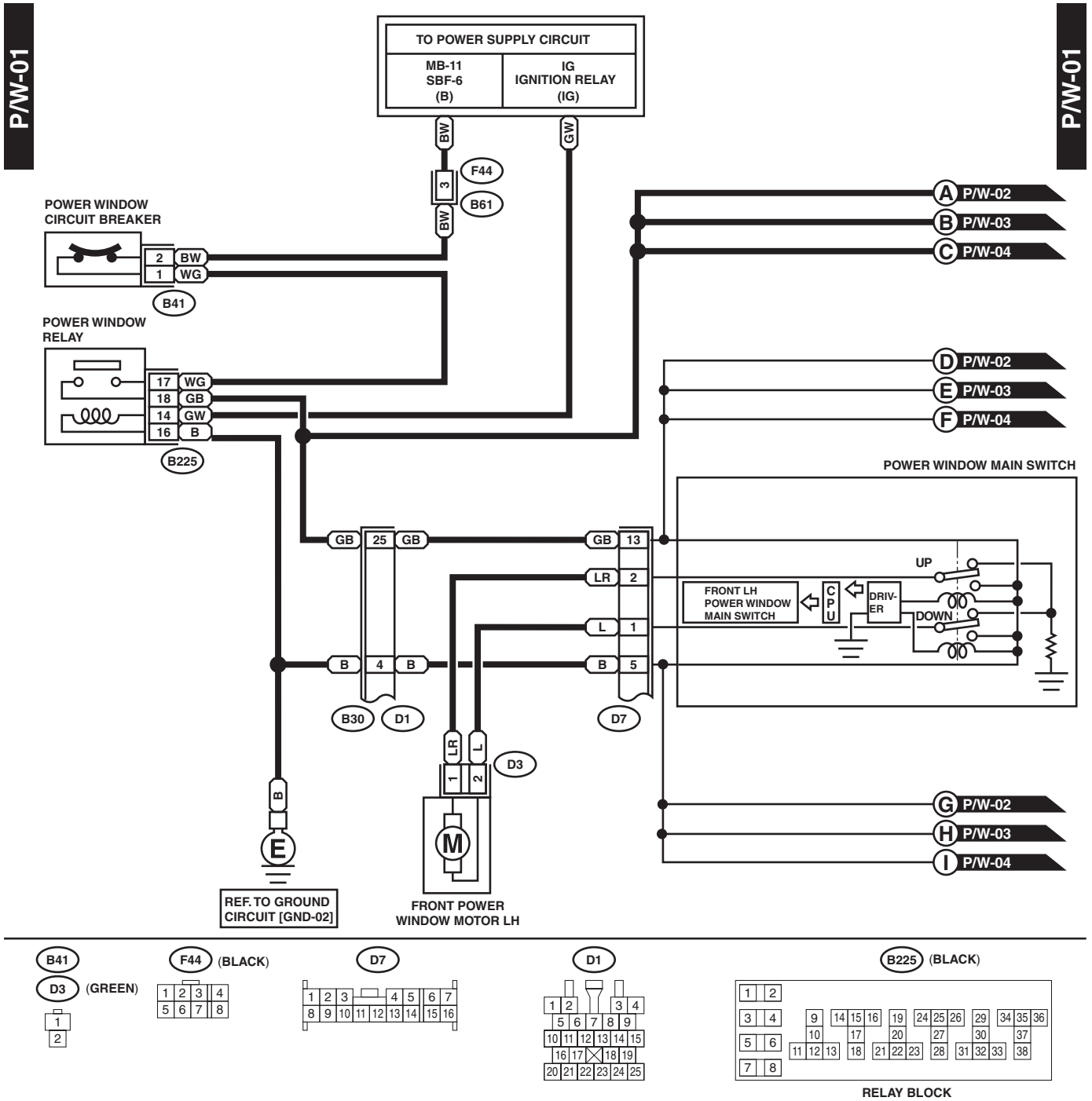
HORN-01

HORN-01



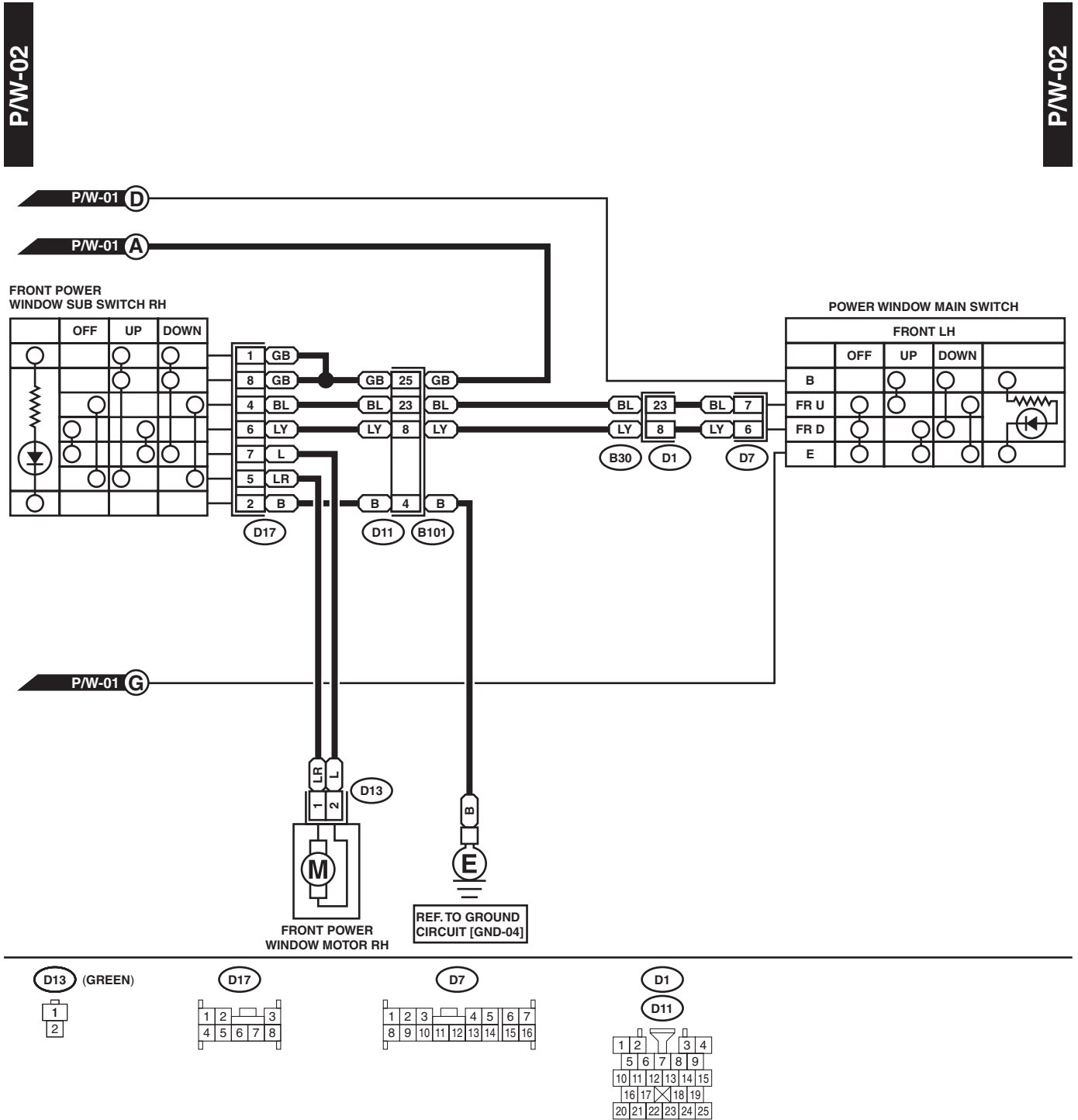
37.Power Window System

A: WIRING DIAGRAM



Power Window System

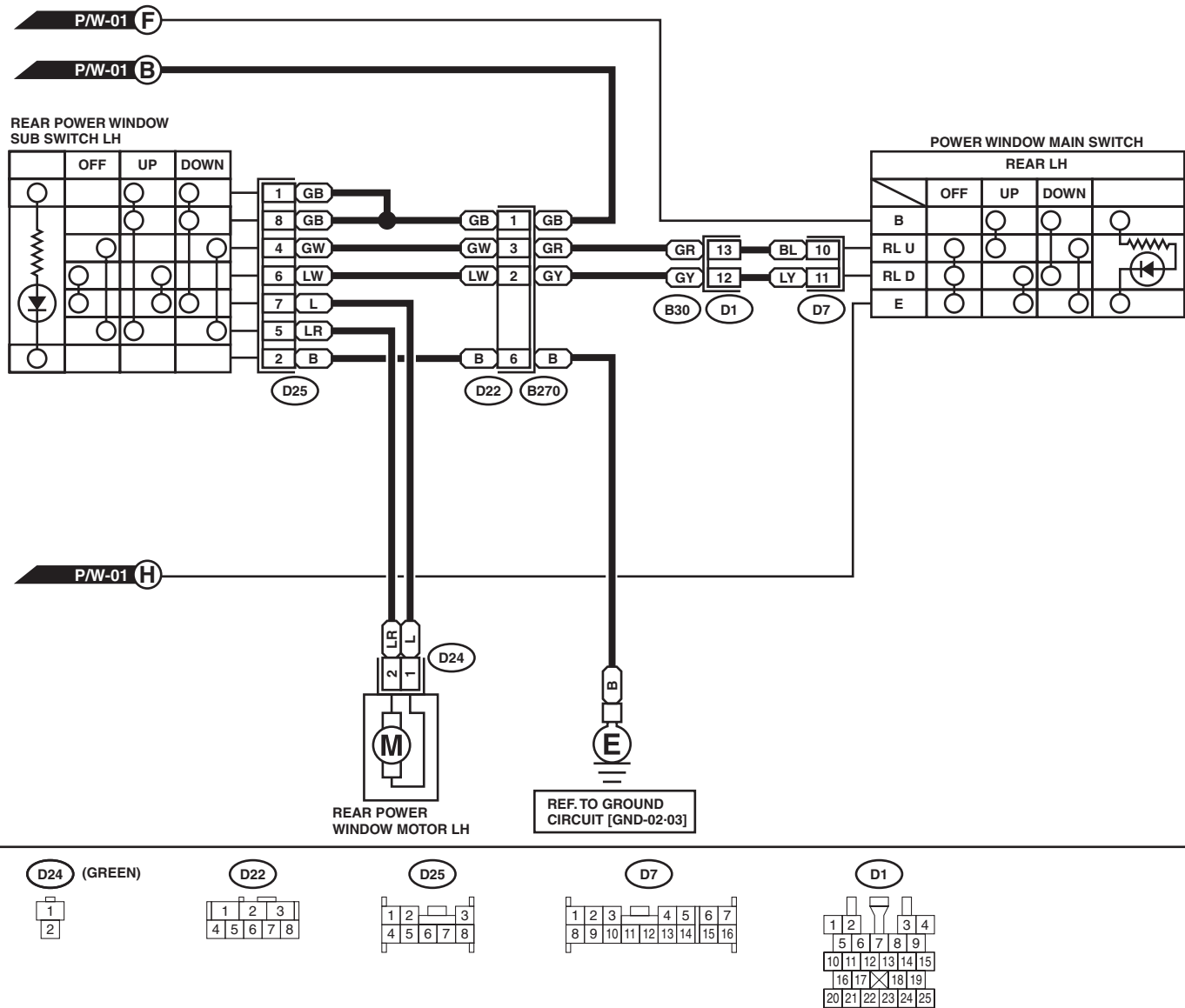
WIRING SYSTEM



WI-08472

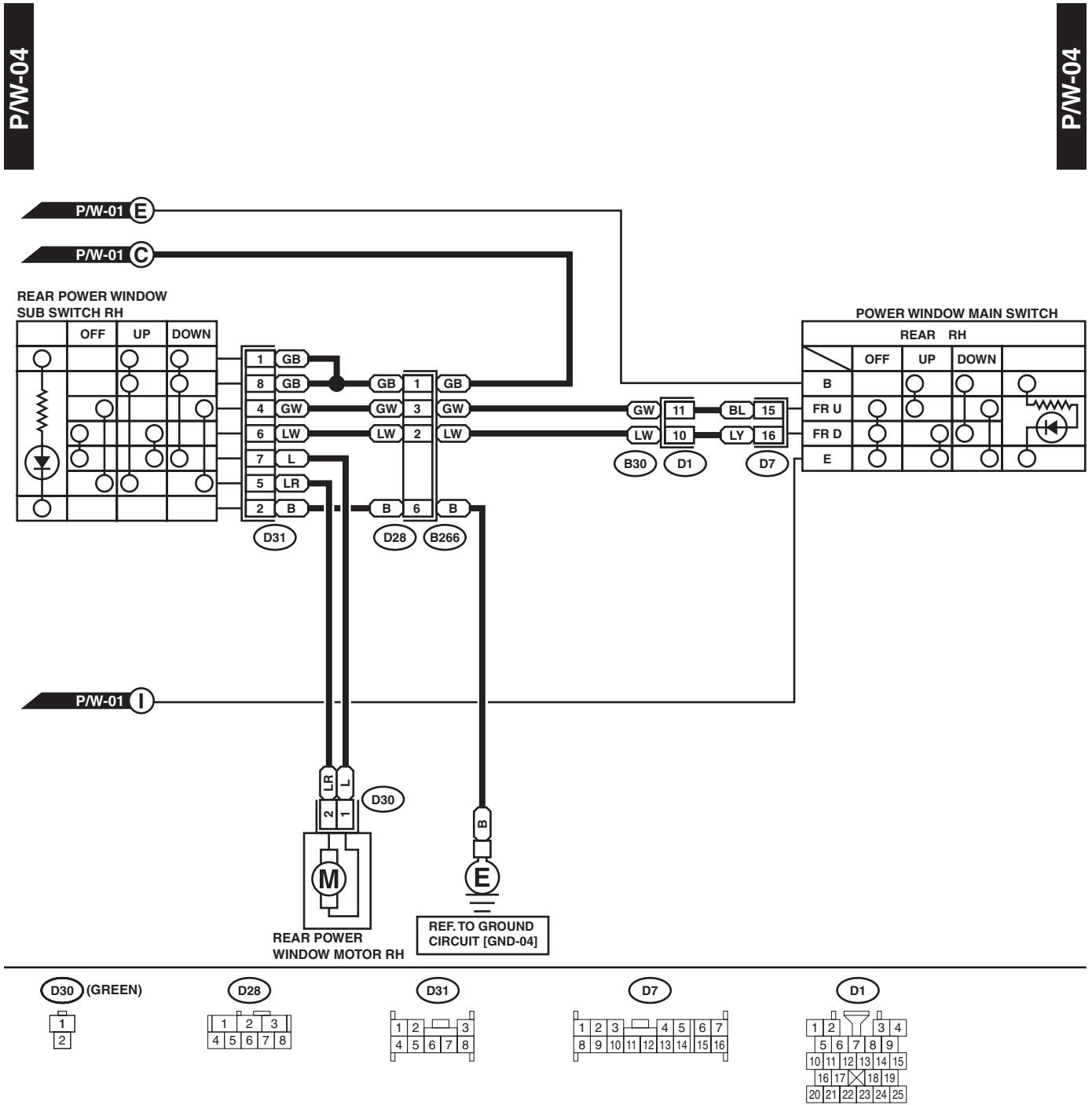
P/W-03

P/W-03



Power Window System

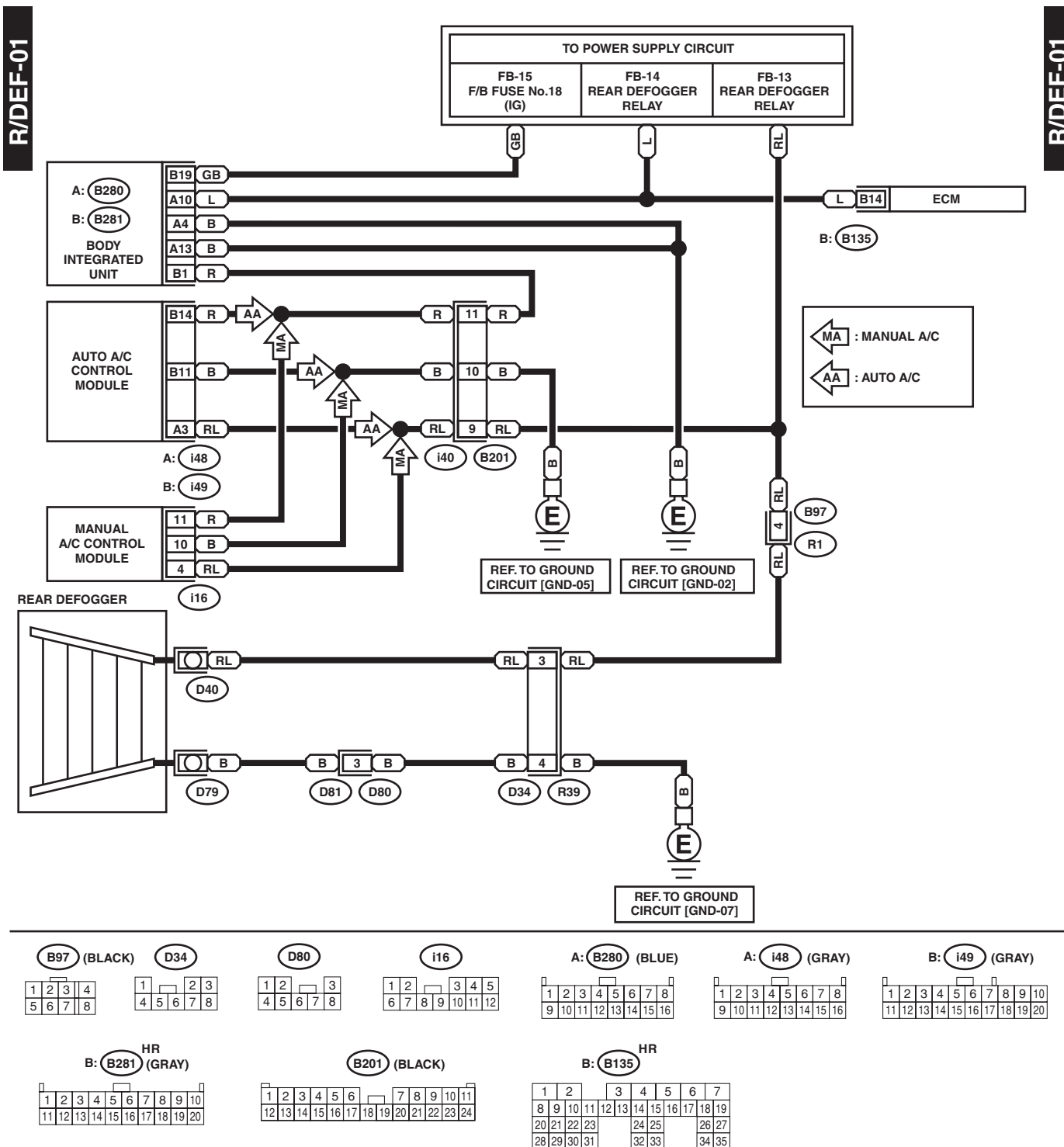
WIRING SYSTEM



WI-08313

38.Rear Defogger System

A: WIRING DIAGRAM



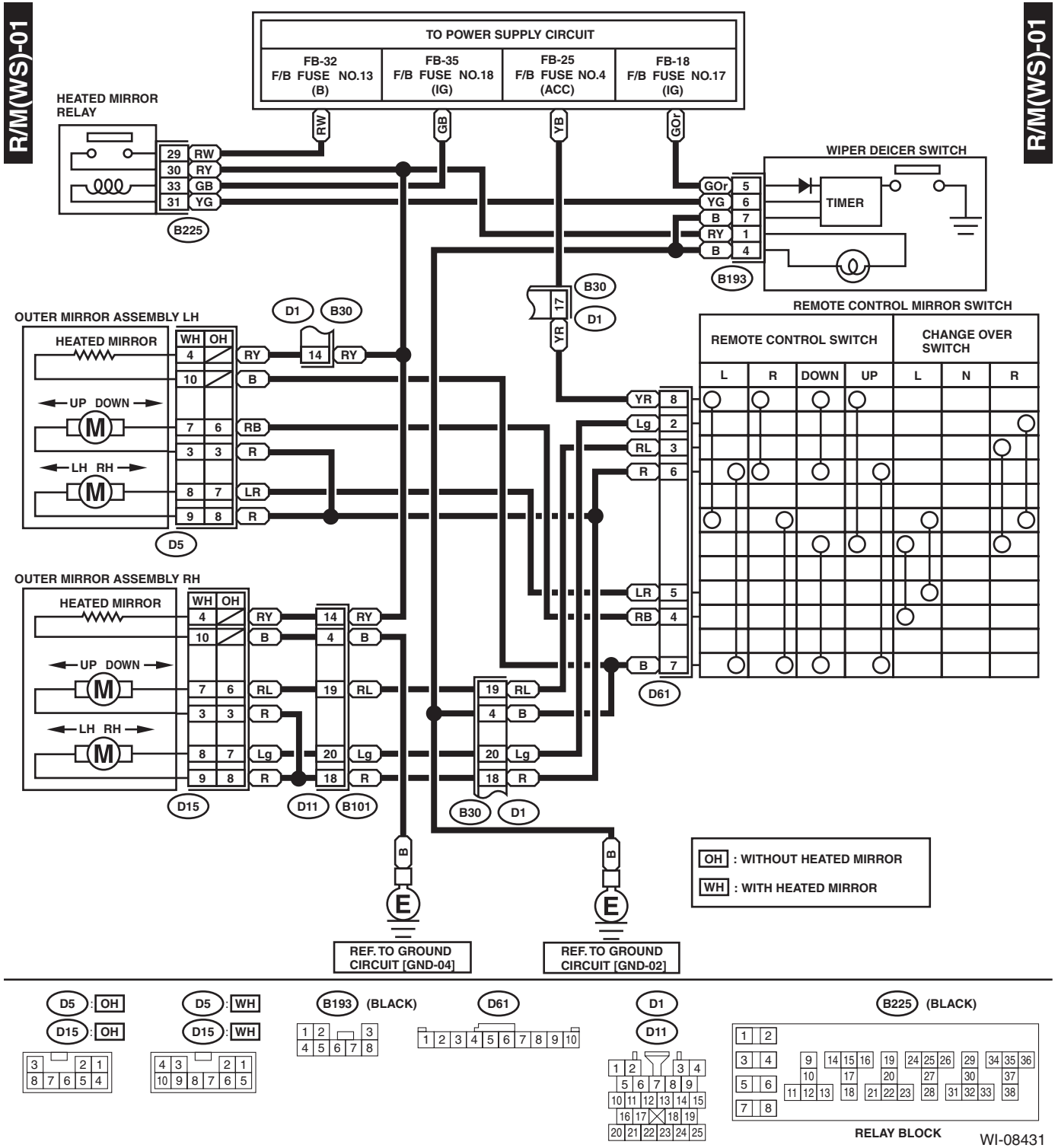
WI-11651

A: WIRING DIAGRAM

R/M(OS)-01



2. WITH OUTER MIRROR TURN SIGNAL LIGHT



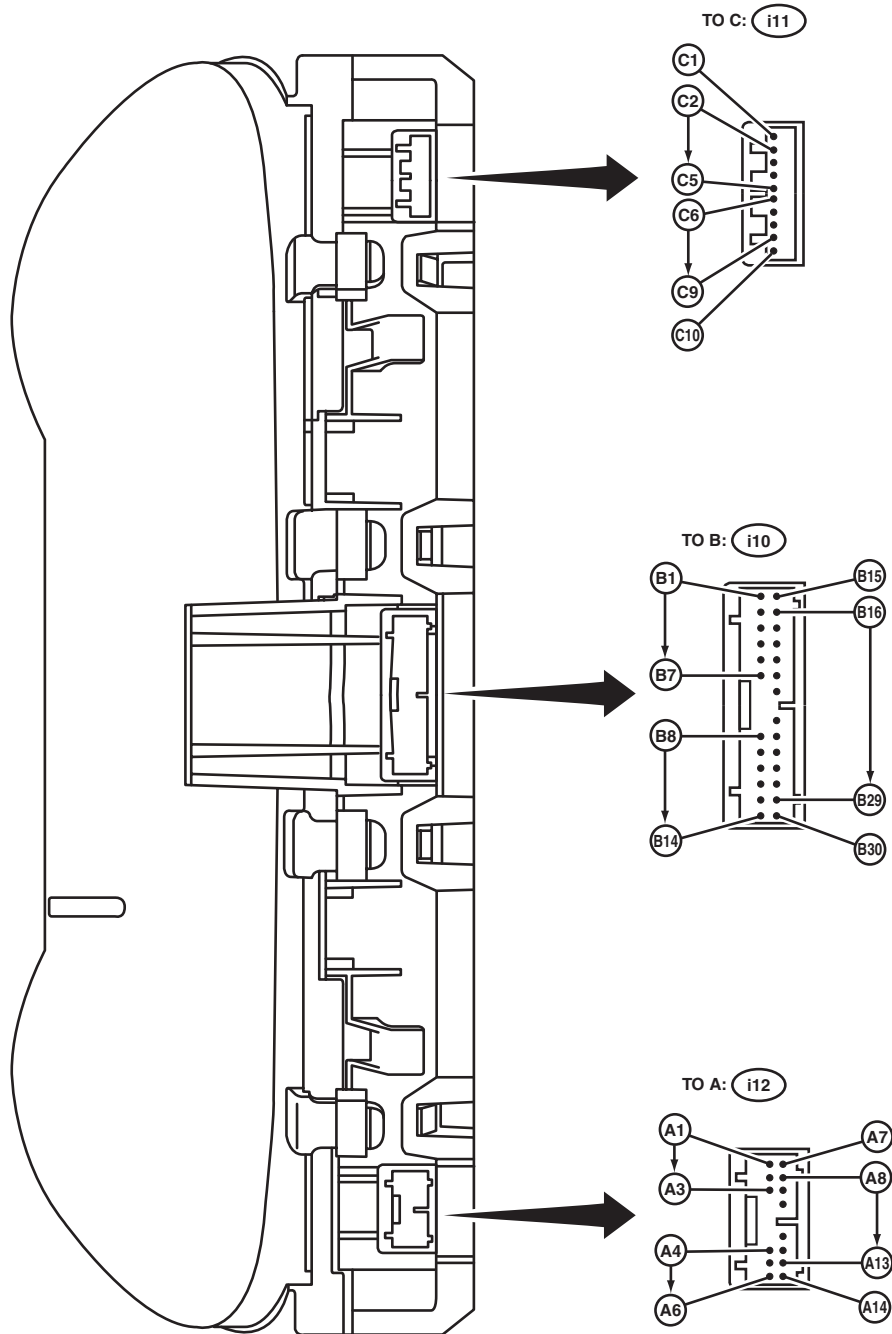
Combination Meter

WIRING SYSTEM

40. Combination Meter

A: WIRING DIAGRAM

METER-01

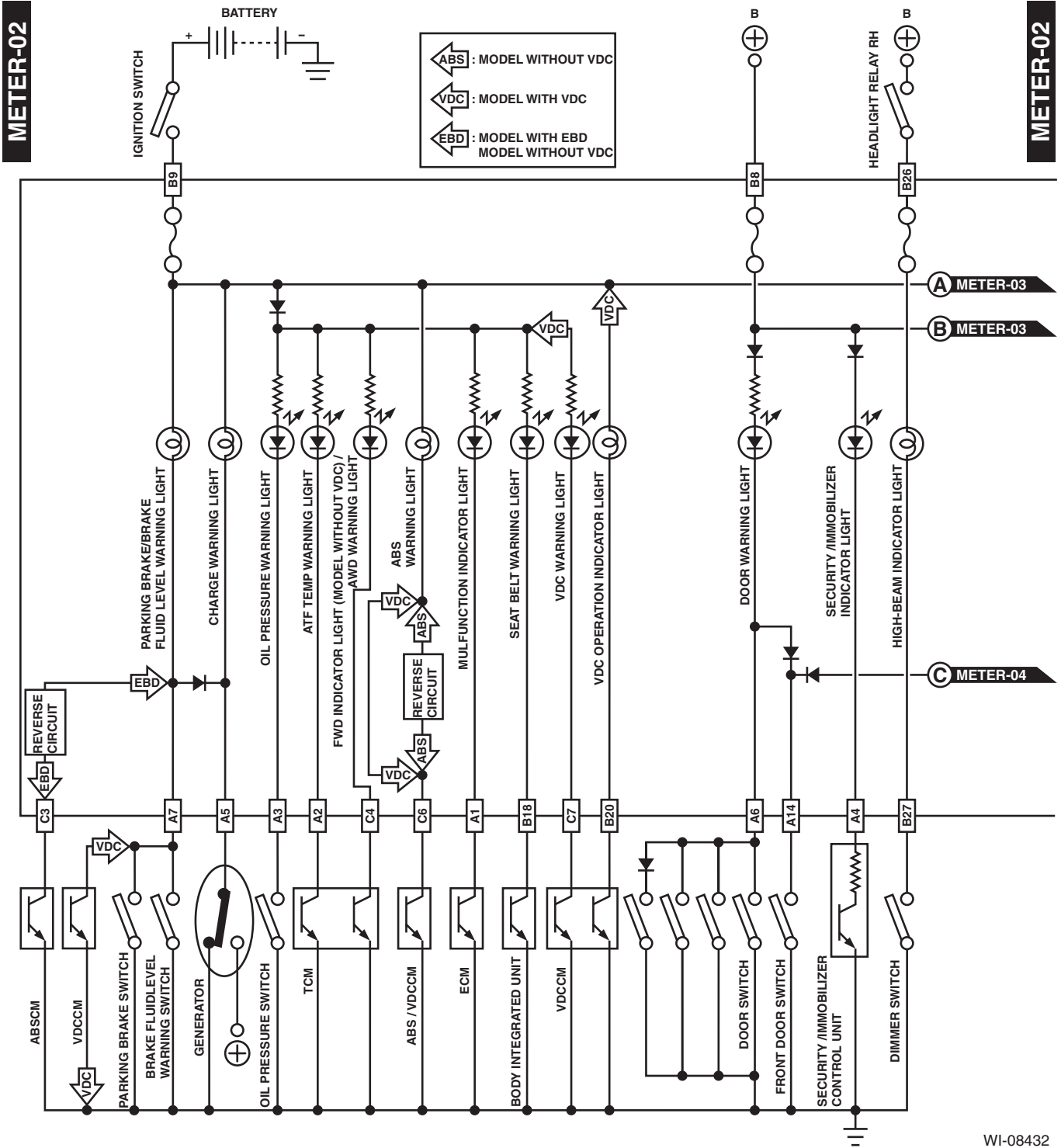


METER-01

WI-08473

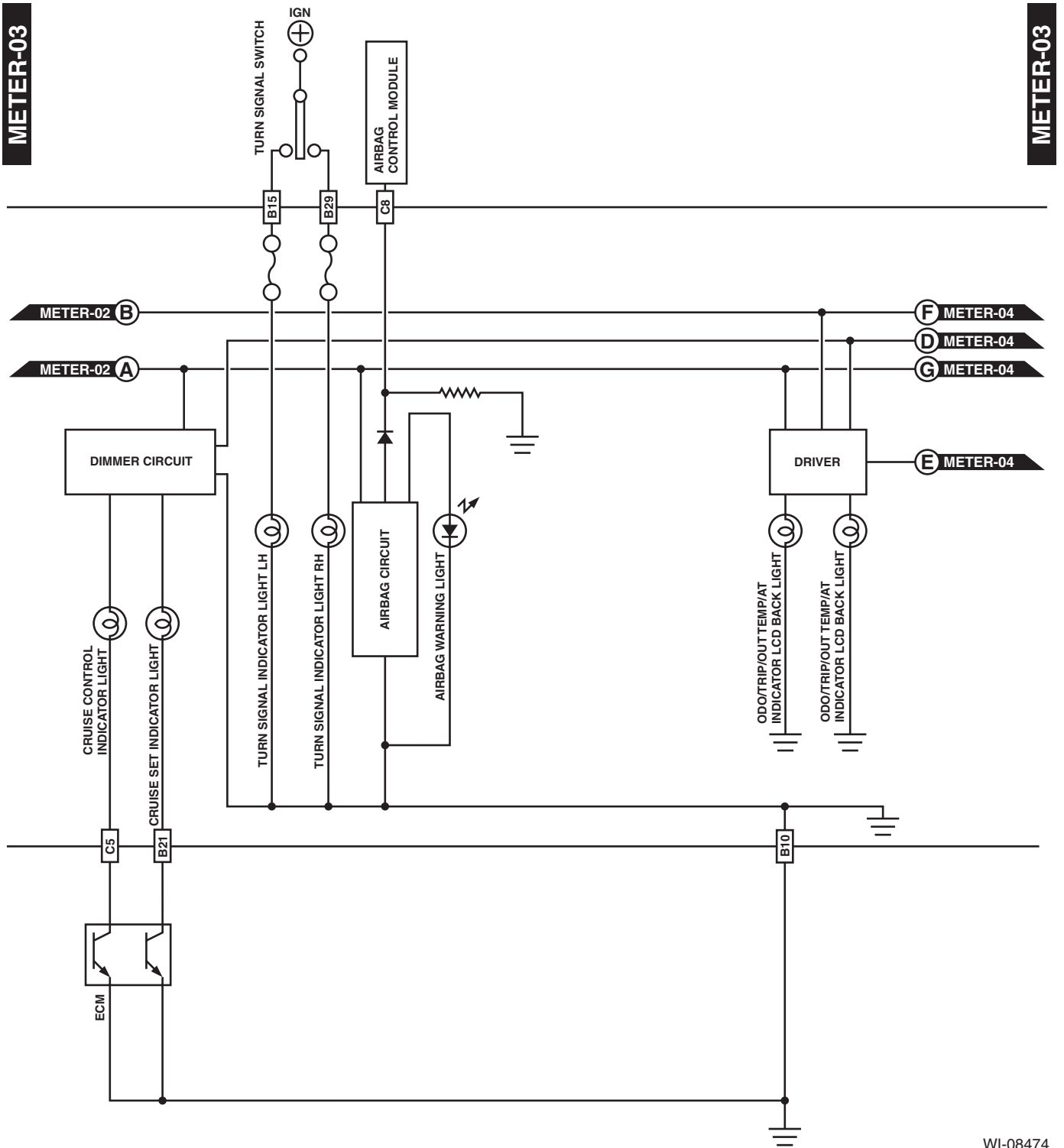
Combination Meter

WIRING SYSTEM

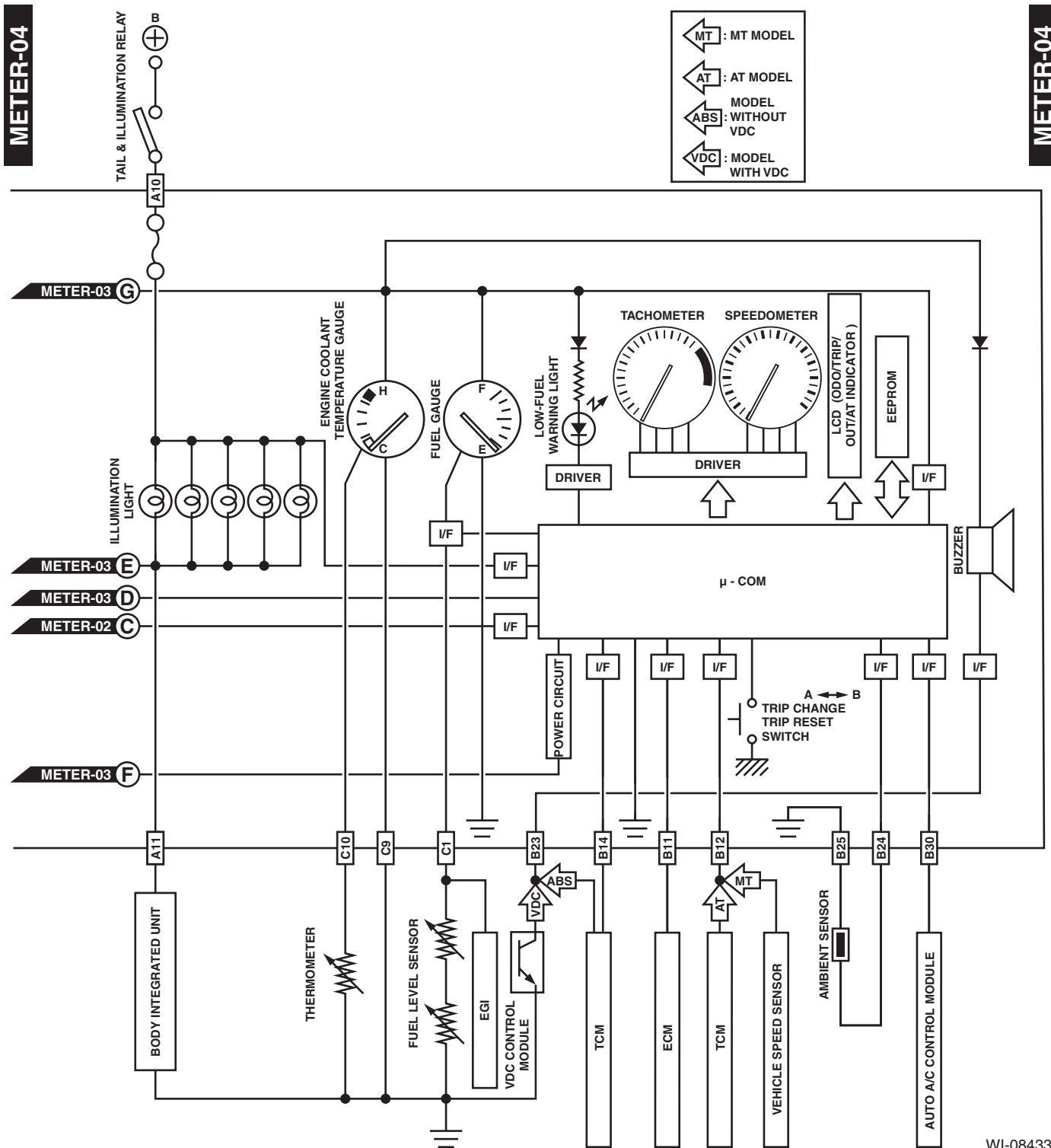


Combination Meter

WIRING SYSTEM



WI-08474

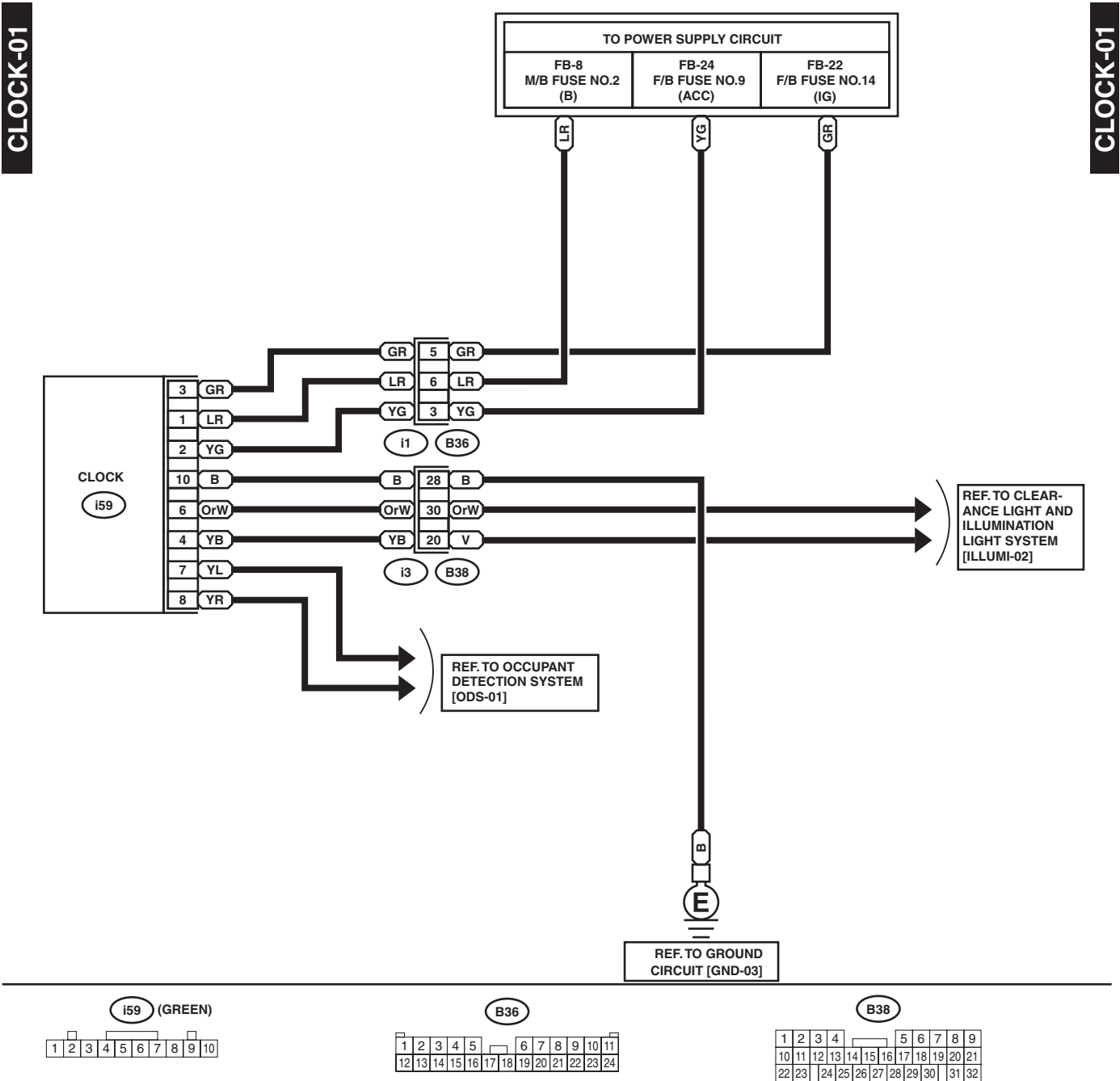


Clock System

WIRING SYSTEM

41.Clock System

A: WIRING DIAGRAM



WI-08434

A: WIRING DIAGRAM

FUEL/G-01

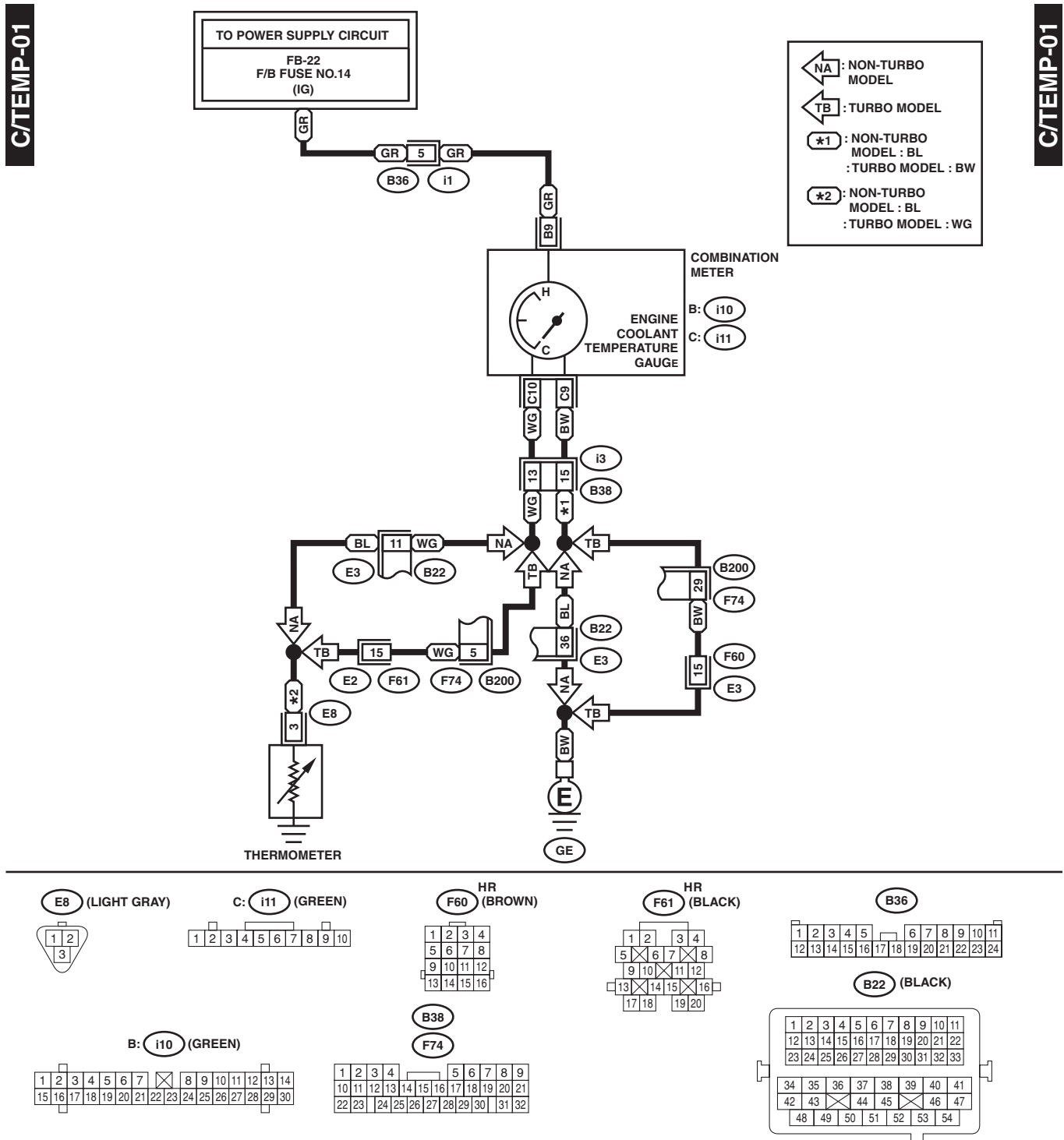
FUEL/G-01



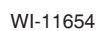
WIRING SYSTEM

43.Coolant Temperature System

A: WIRING DIAGRAM



A: WIRING DIAGRAM



Outside Temperature Display System

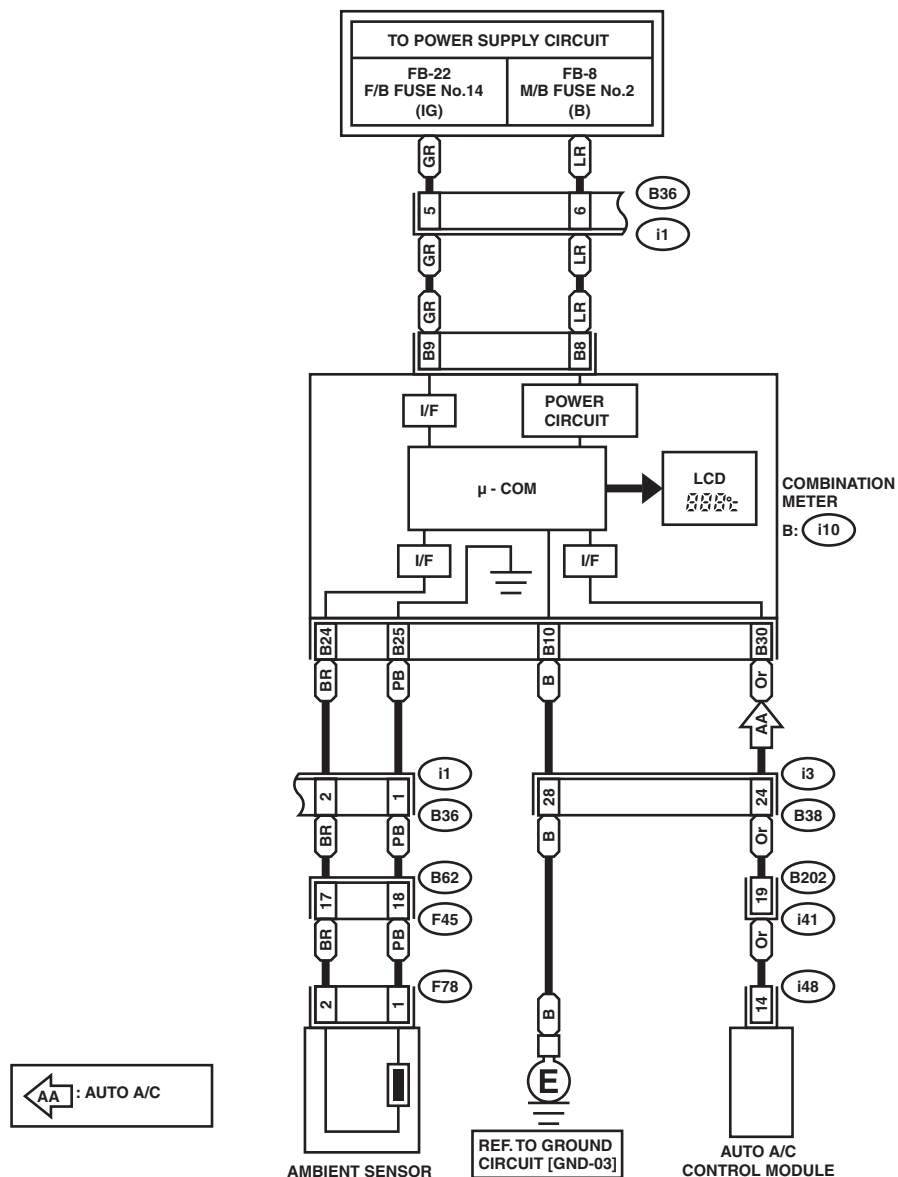
WIRING SYSTEM

45. Outside Temperature Display System

A: WIRING DIAGRAM

O/TEMP-01

O/TEMP-01



F78 (BLACK)

1	2
---	---

i48 (GRAY)

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

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

B36

B202

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

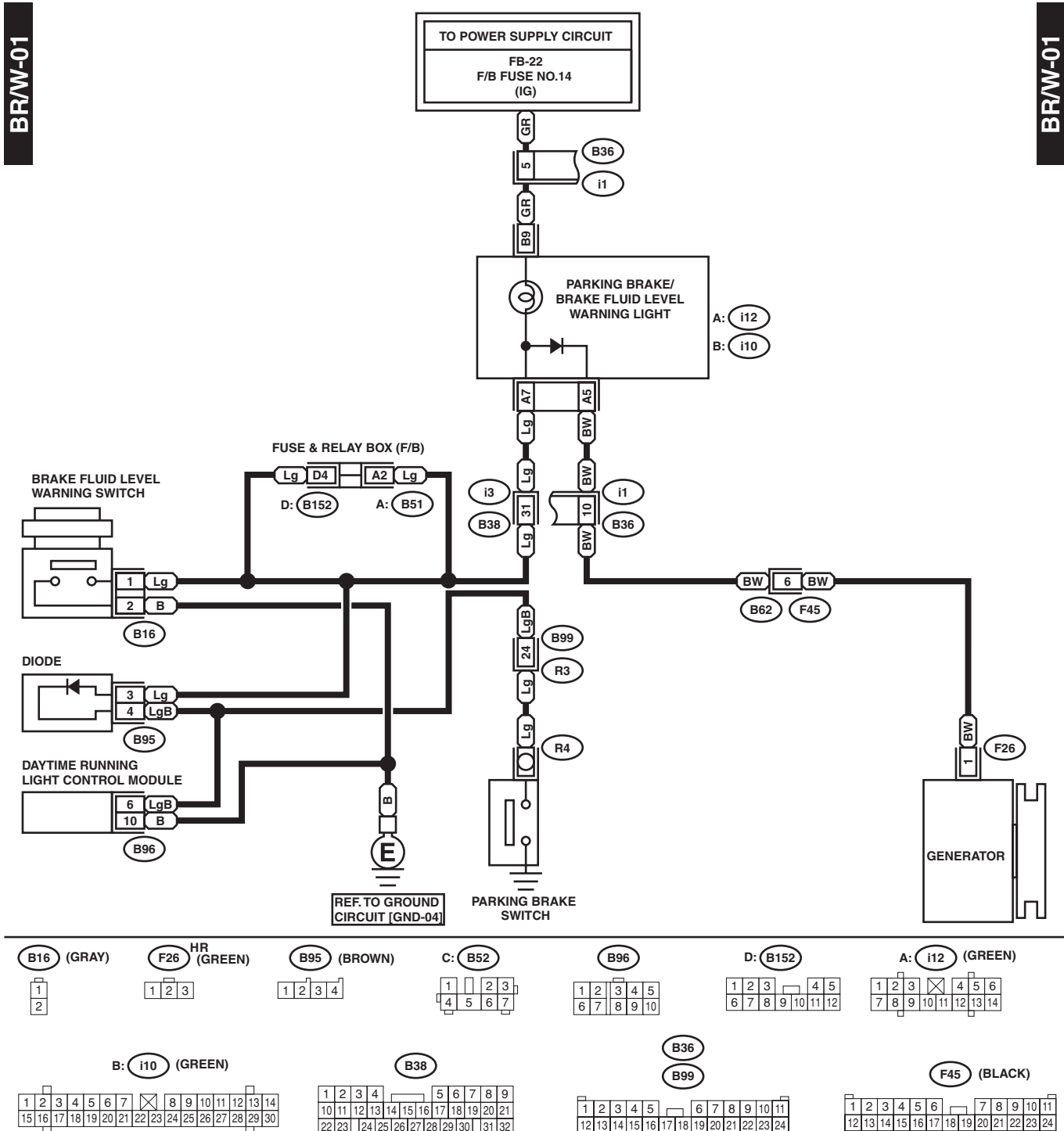
B38

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

WI-08438

46. Parking Brake/Brake Fluid Level Warning Light System

A: WIRING DIAGRAM



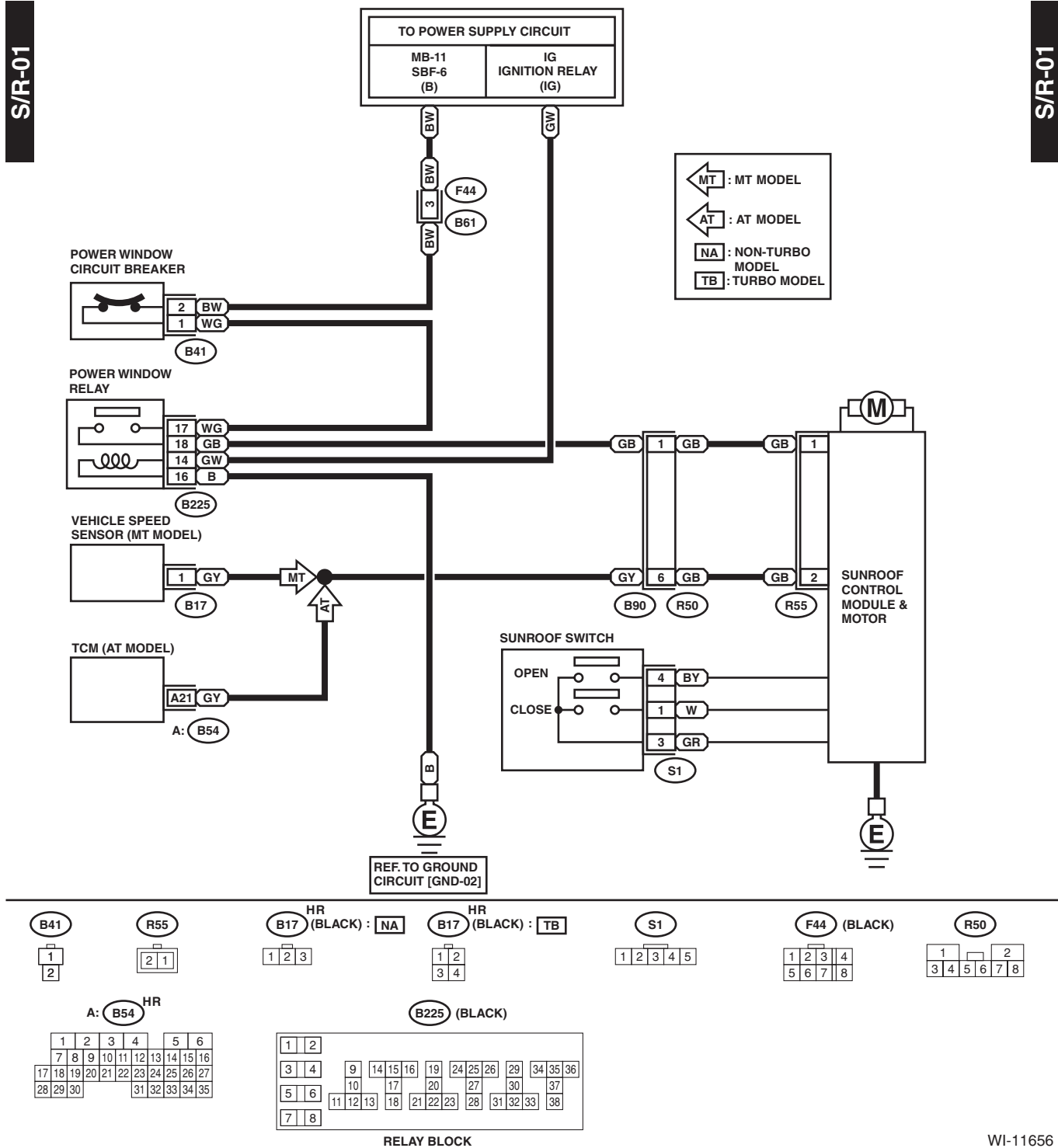
WI-11655

Sunroof Control System

WIRING SYSTEM

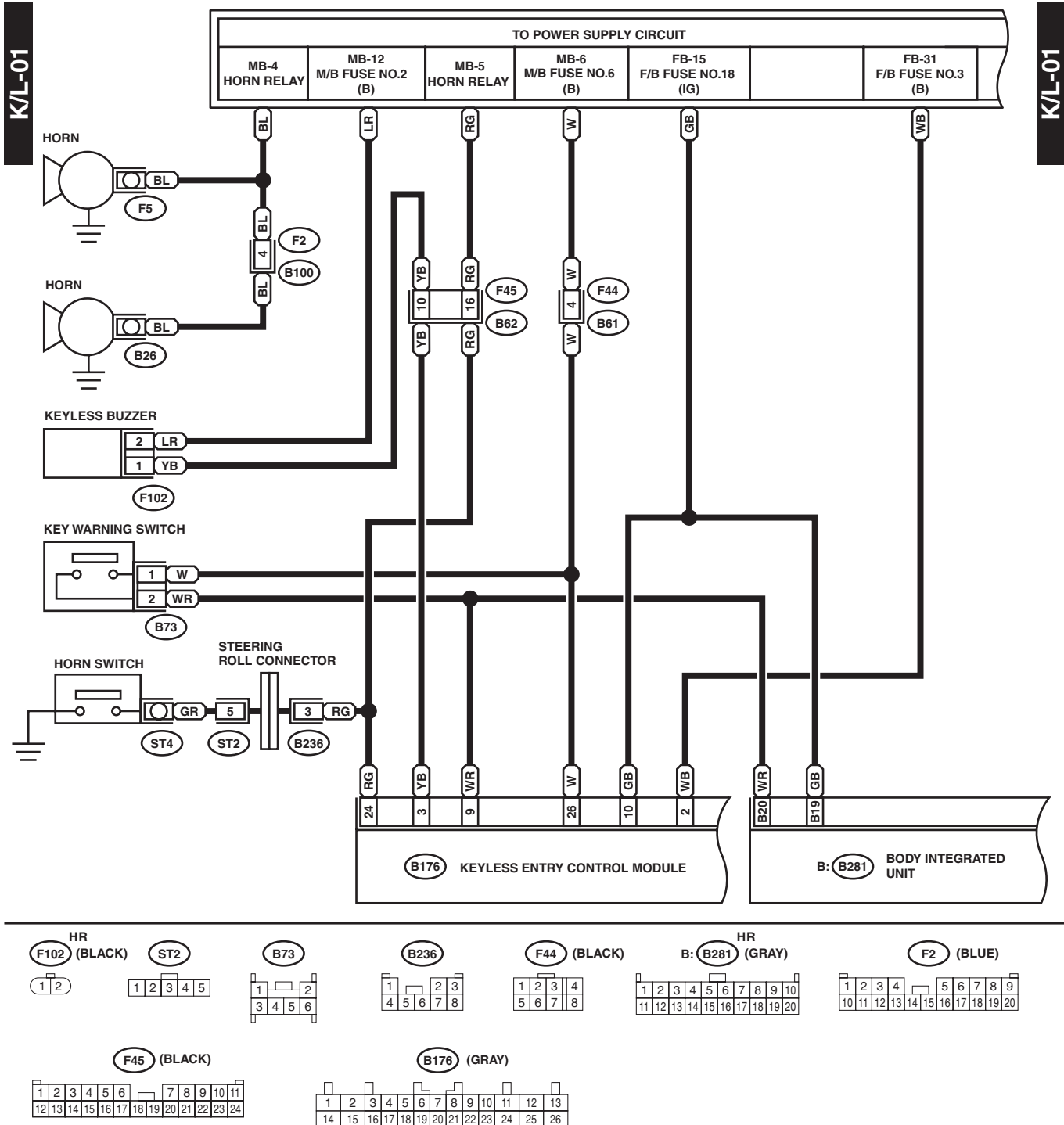
47.Sunroof Control System

A: WIRING DIAGRAM



48.Keyless Entry System

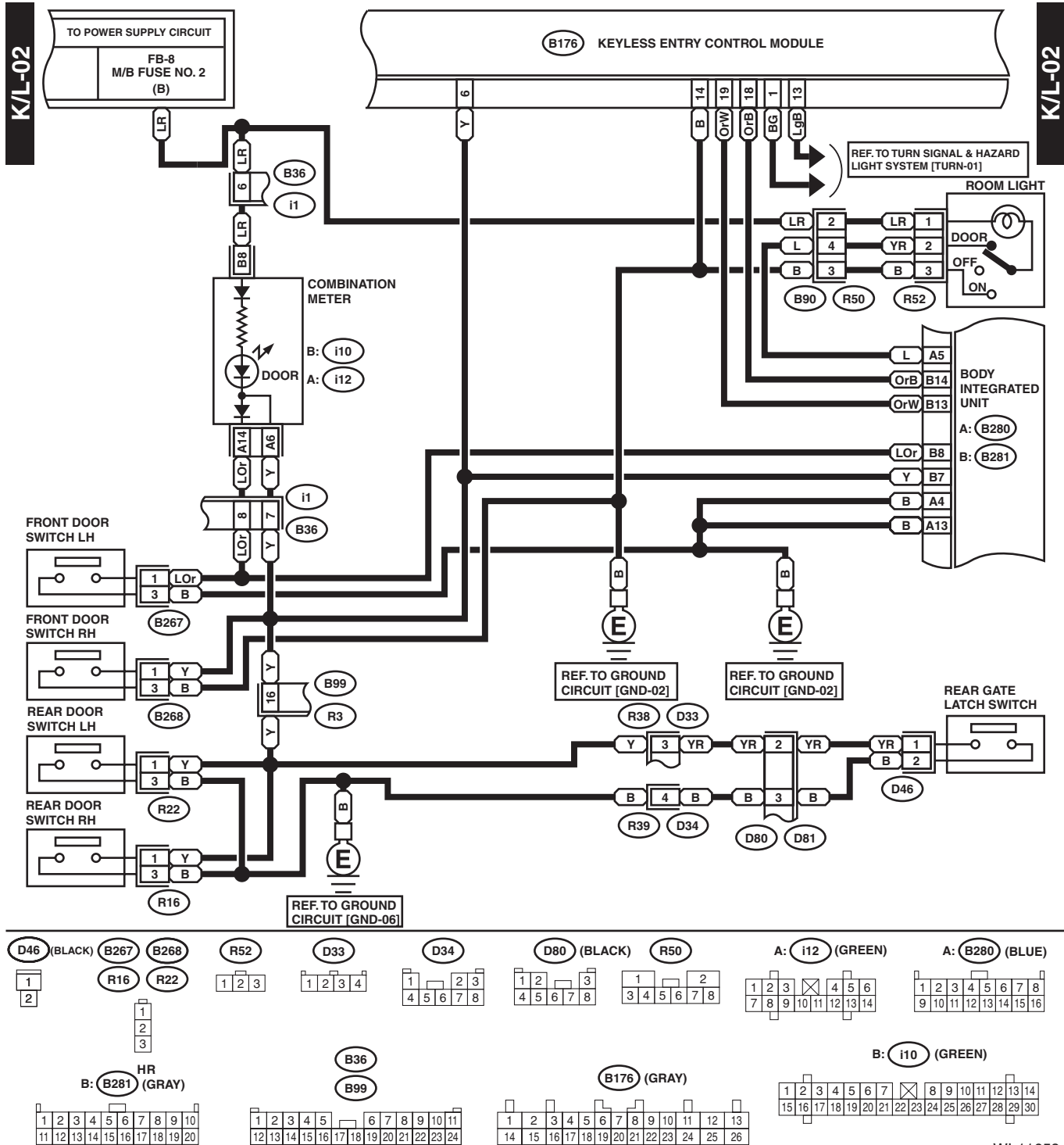
A: WIRING DIAGRAM



WI-11657

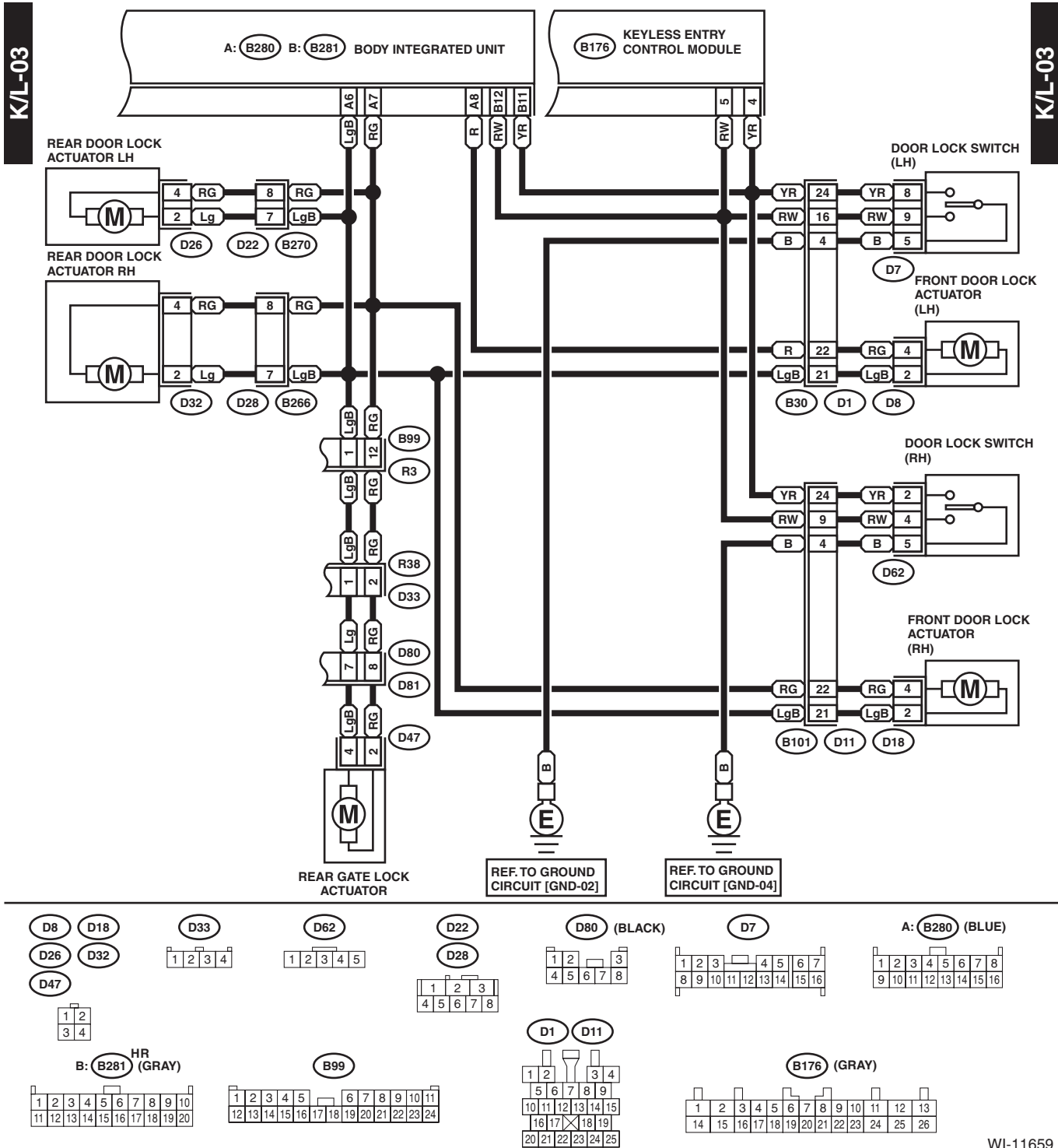
Keyless Entry System

WIRING SYSTEM



Keyless Entry System

WIRING SYSTEM



WI-11659

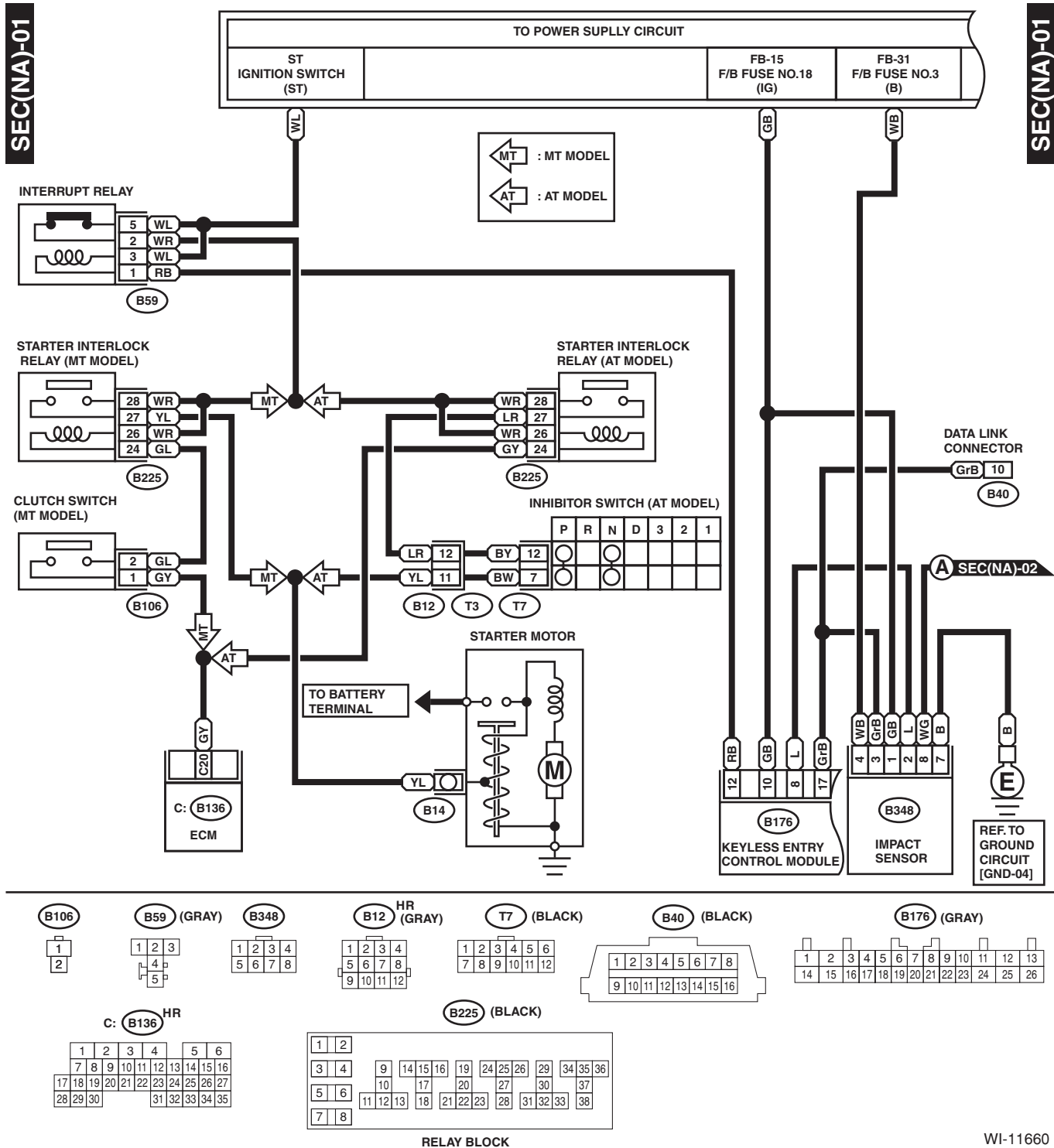
Security System

WIRING SYSTEM

49.Security System

A: WIRING DIAGRAM

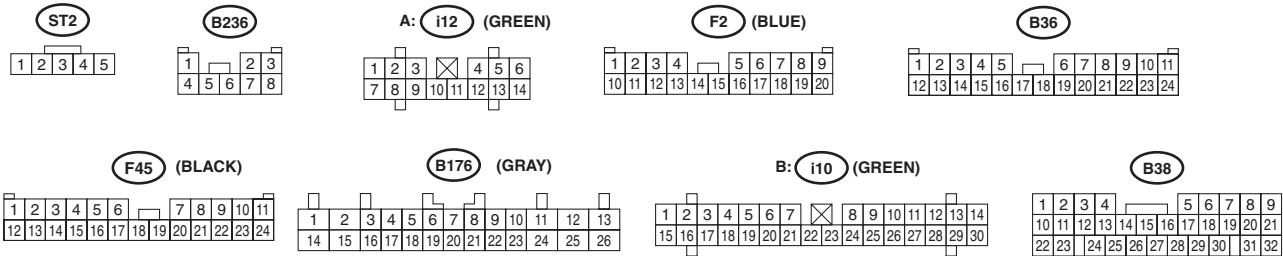
1. NON-TURBO MODEL



WI-11660

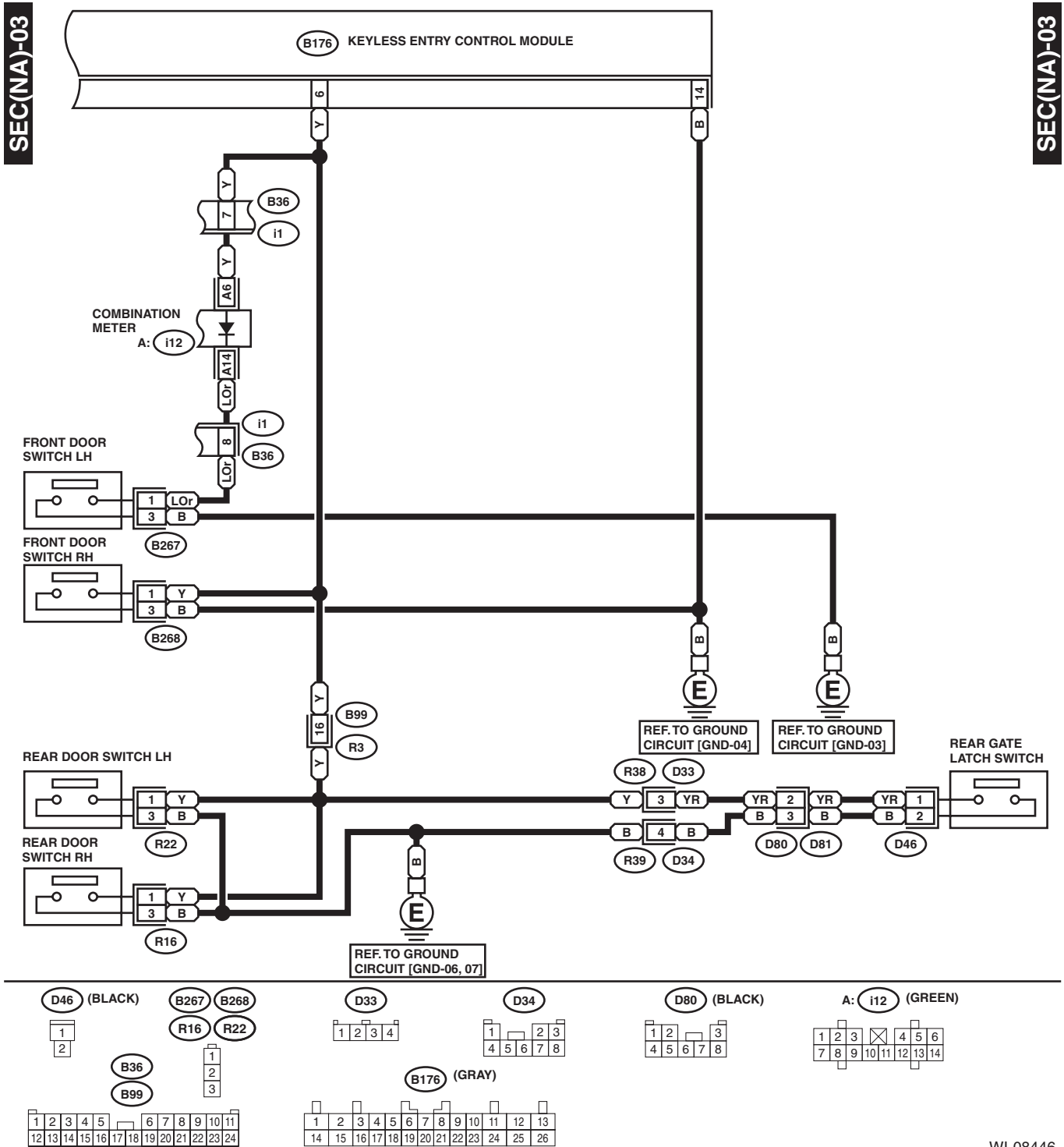
WIRING SYSTEM

SEC(NA)-02

**WI-165**

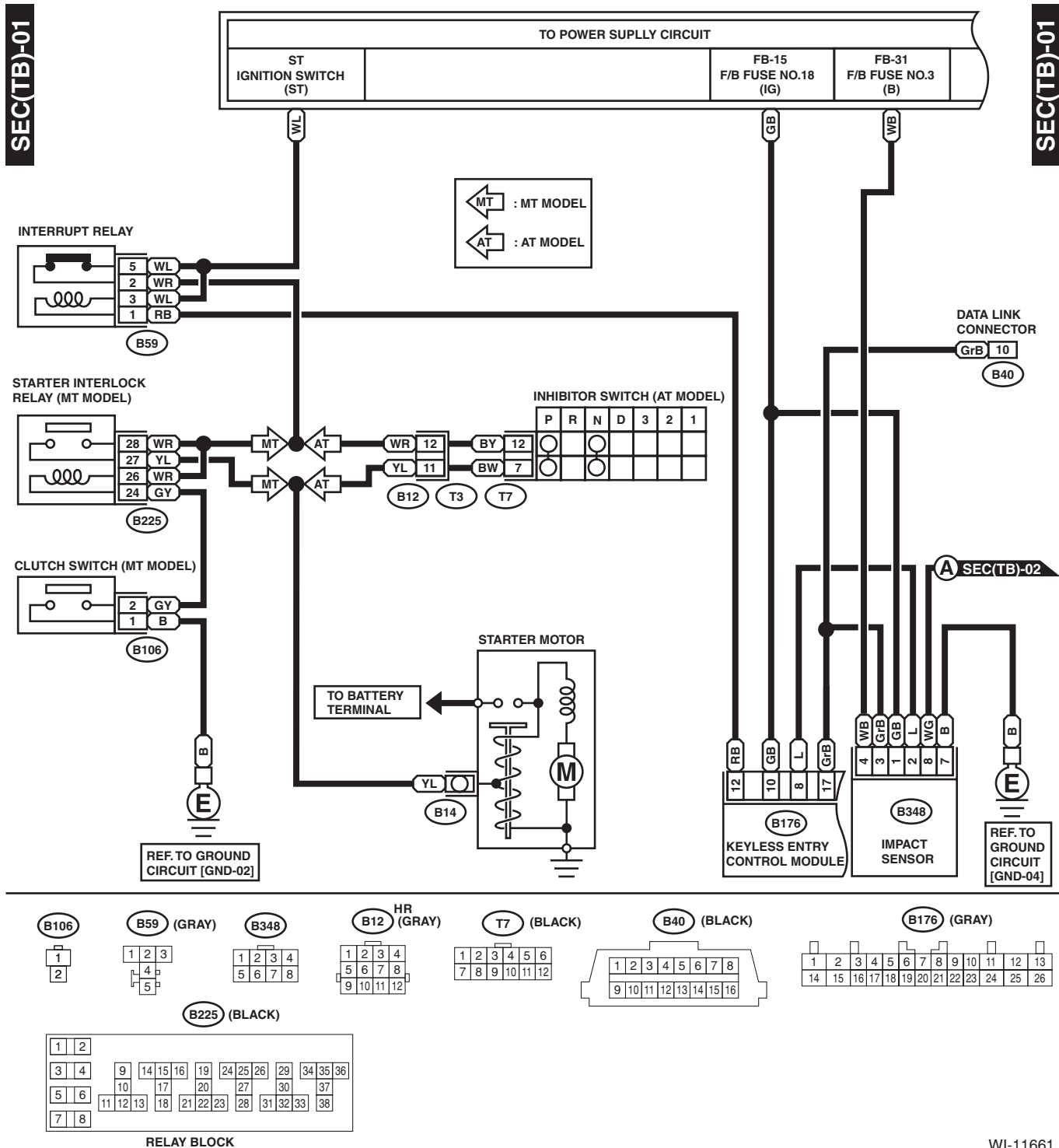
Security System

WIRING SYSTEM



WI-08446

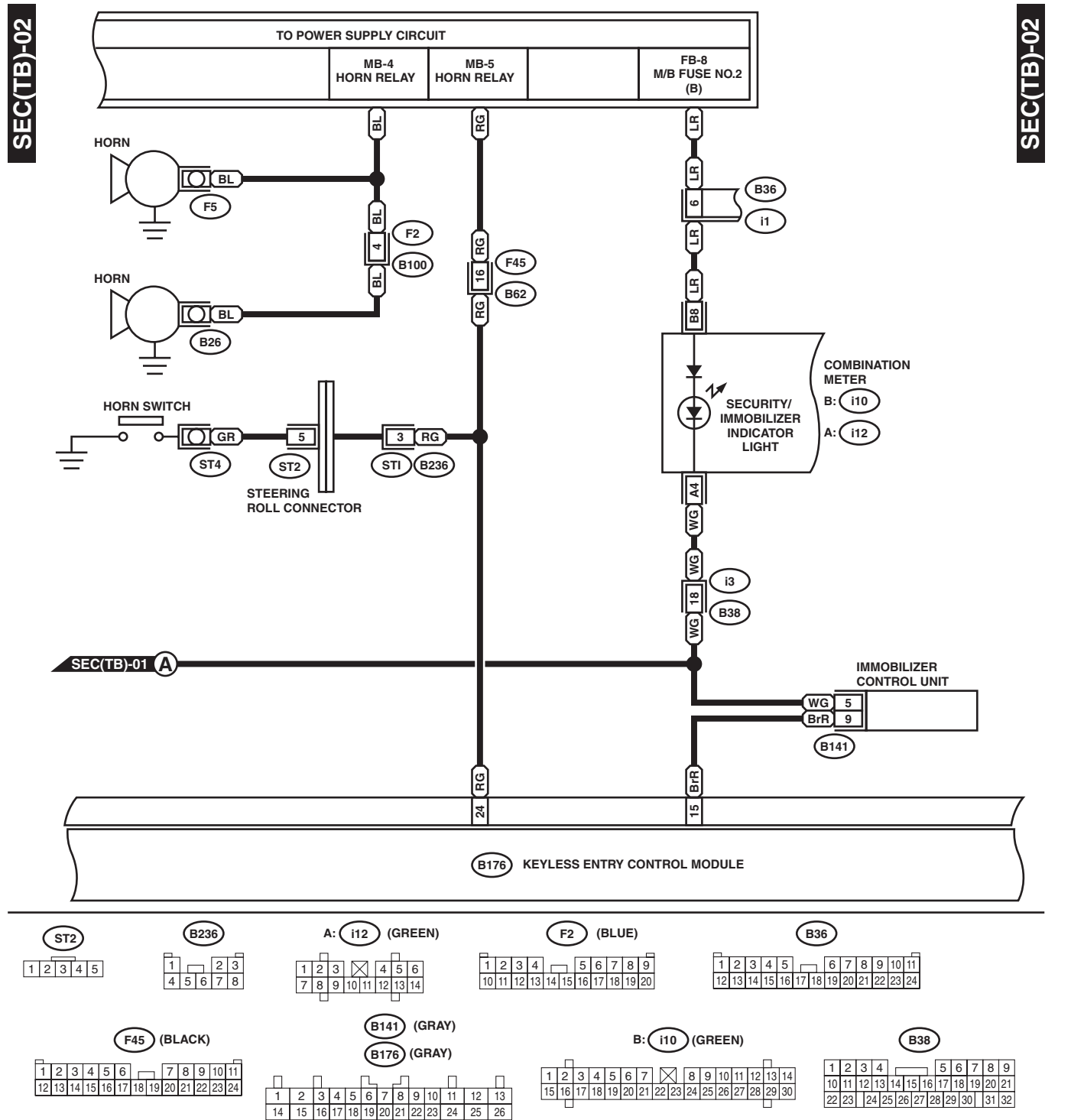
2. TURBO MODEL



WI-11661

Security System

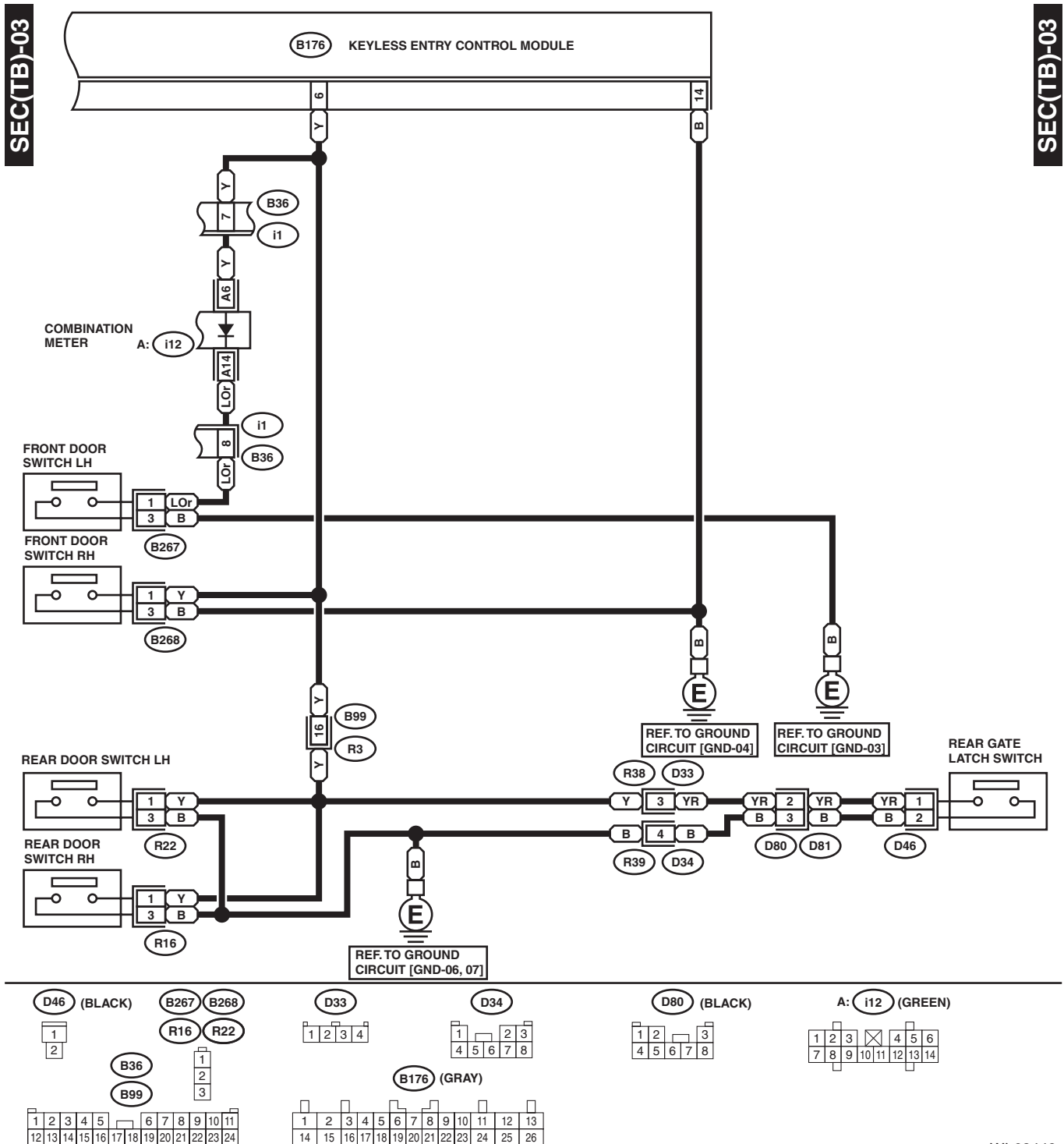
WIRING SYSTEM



WI-08448

WIRING SYSTEM

WIRING SYSTEM

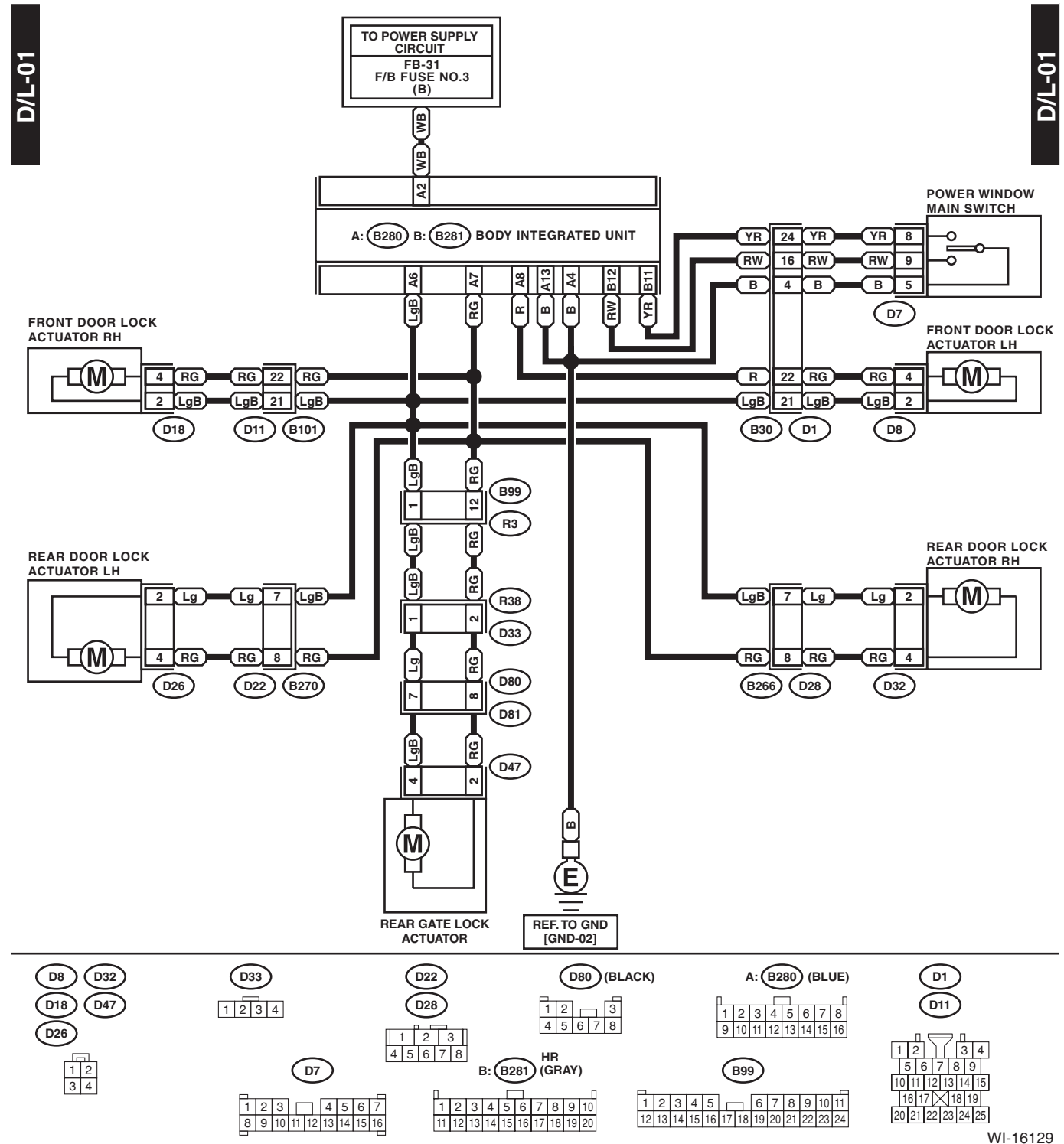


Door Lock System

WIRING SYSTEM

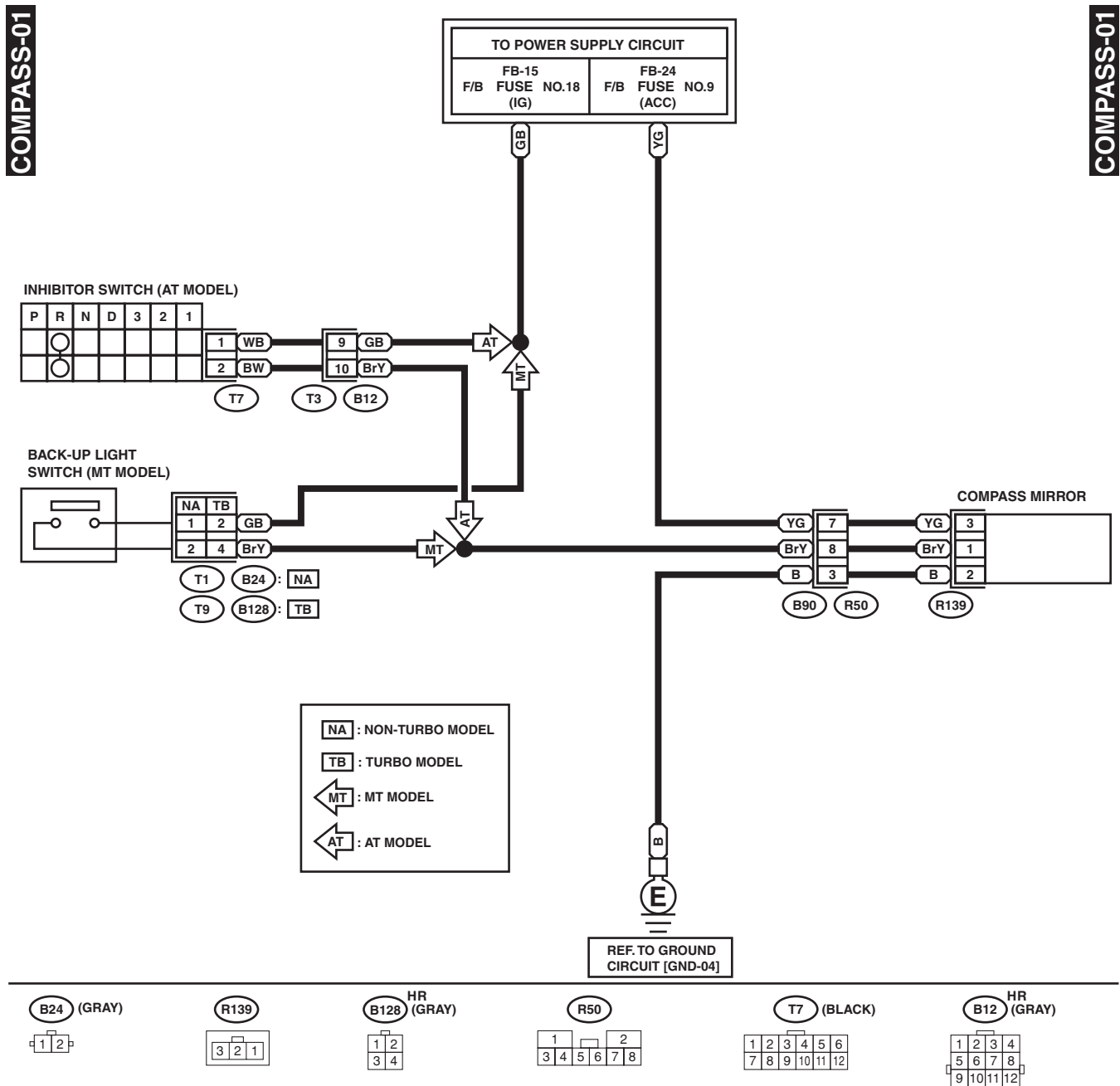
50. Door Lock System

A: WIRING DIAGRAM



51.Compass Mirror System

A: WIRING DIAGRAM



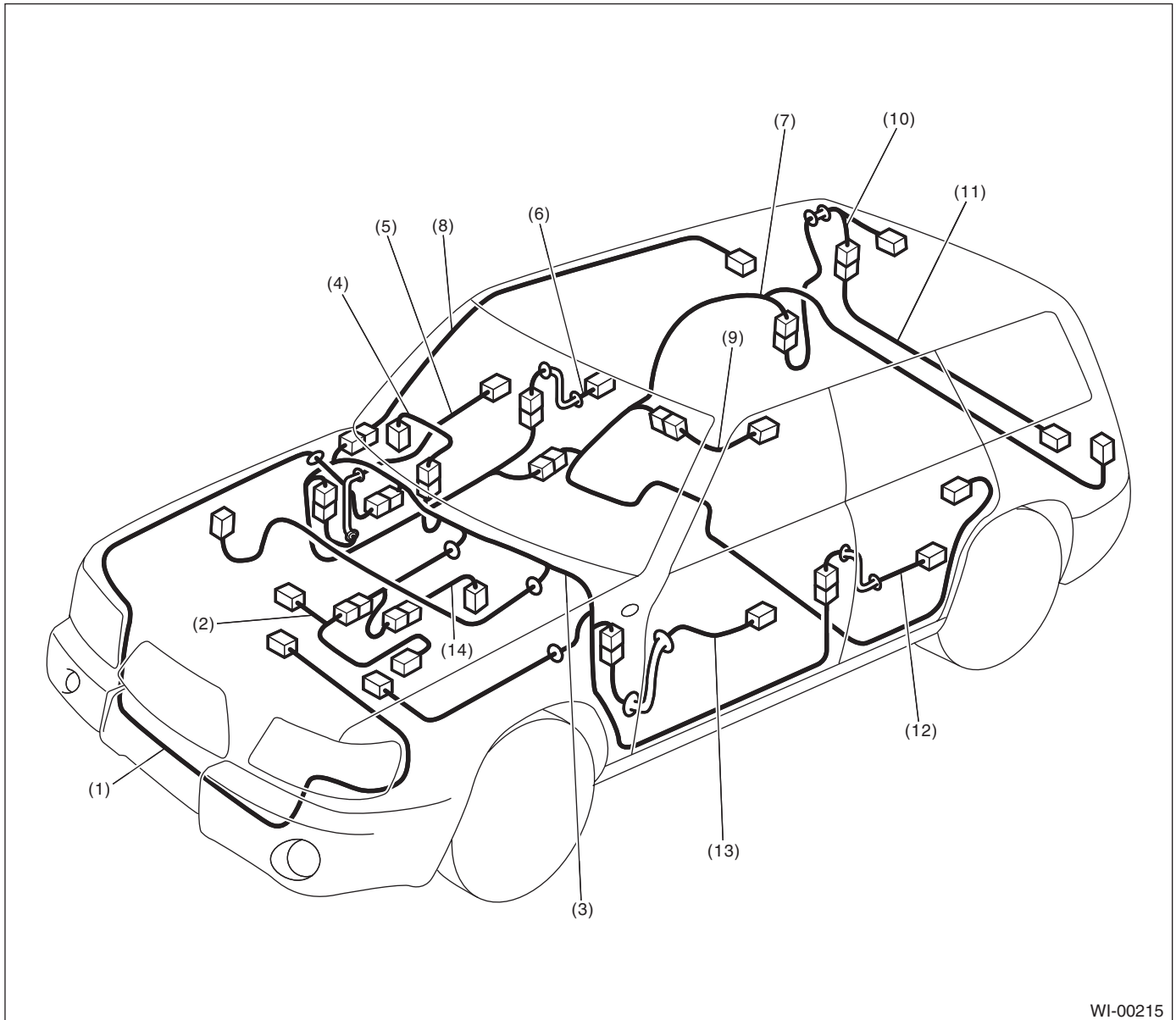
WI-11663

Harness Components Location

WIRING SYSTEM

52.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 | |

53.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	Black	B-2		A/C 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	B-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	Black	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)
F60	16	Brown	C-3	E3	Engine wiring harness (Turbo model)
F61	20	Black	C-3	E2	
F68	4	★	B-4		Main fuse box (M/B)
F74	32	★	B-4	B200	Bulkhead wiring harness (Turbo model)
F78	2	Black	C-1		Ambient sensor
F94	2	Brown	B-2		Front ABS wheel speed sensor LH
F102	2	Black	C-1		Keyless buzzer
F112	2	Black	B-1	B377	Bulkhead wiring harness (Model without VDC)

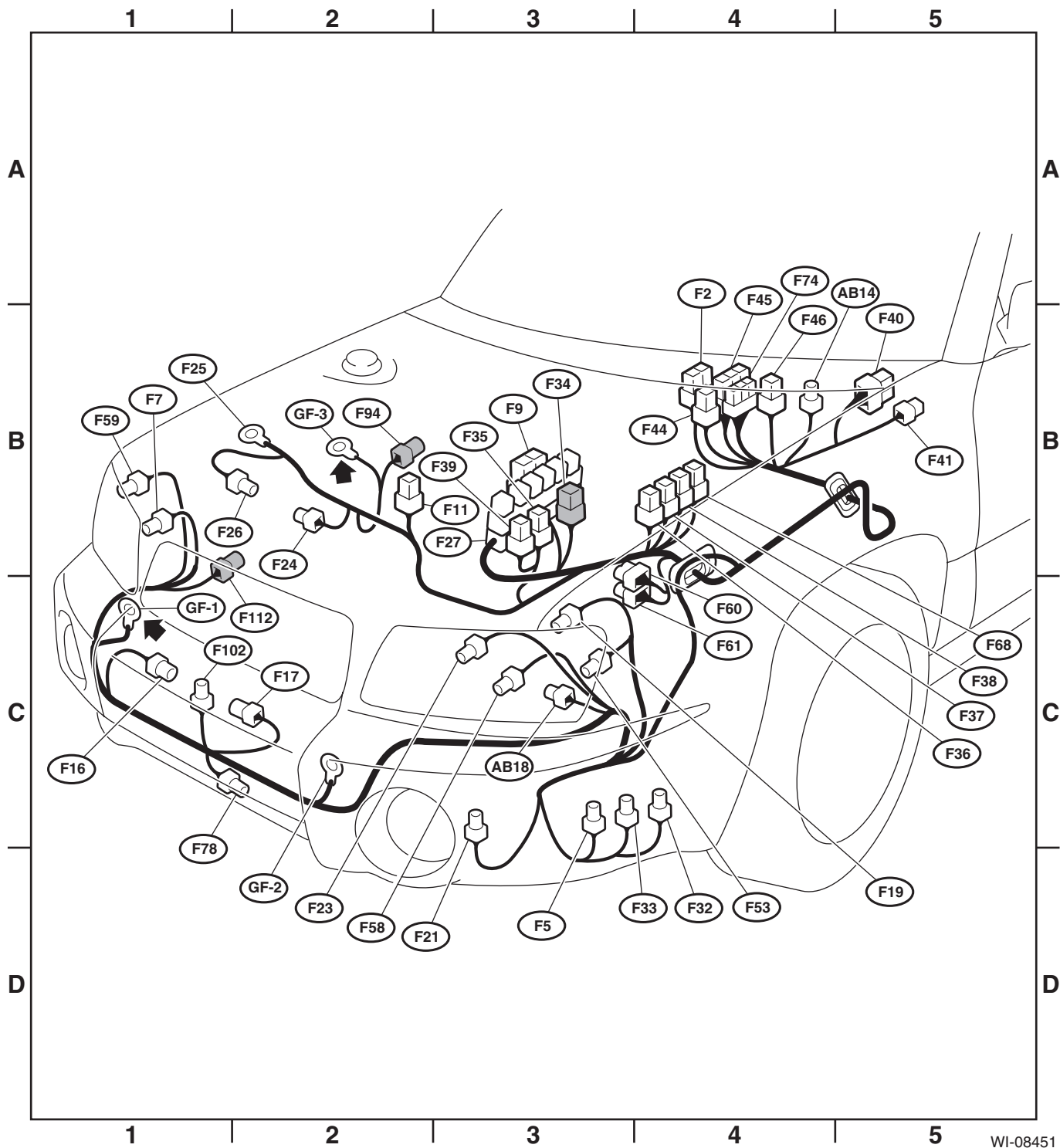
★: White or natural color

• Front sub sensor 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



WI-08451

54. Bulkhead Wiring Harness (In Engine Compartment)

A: LOCATION

1. NON-TURBO MODEL

Bulkhead wiring harness

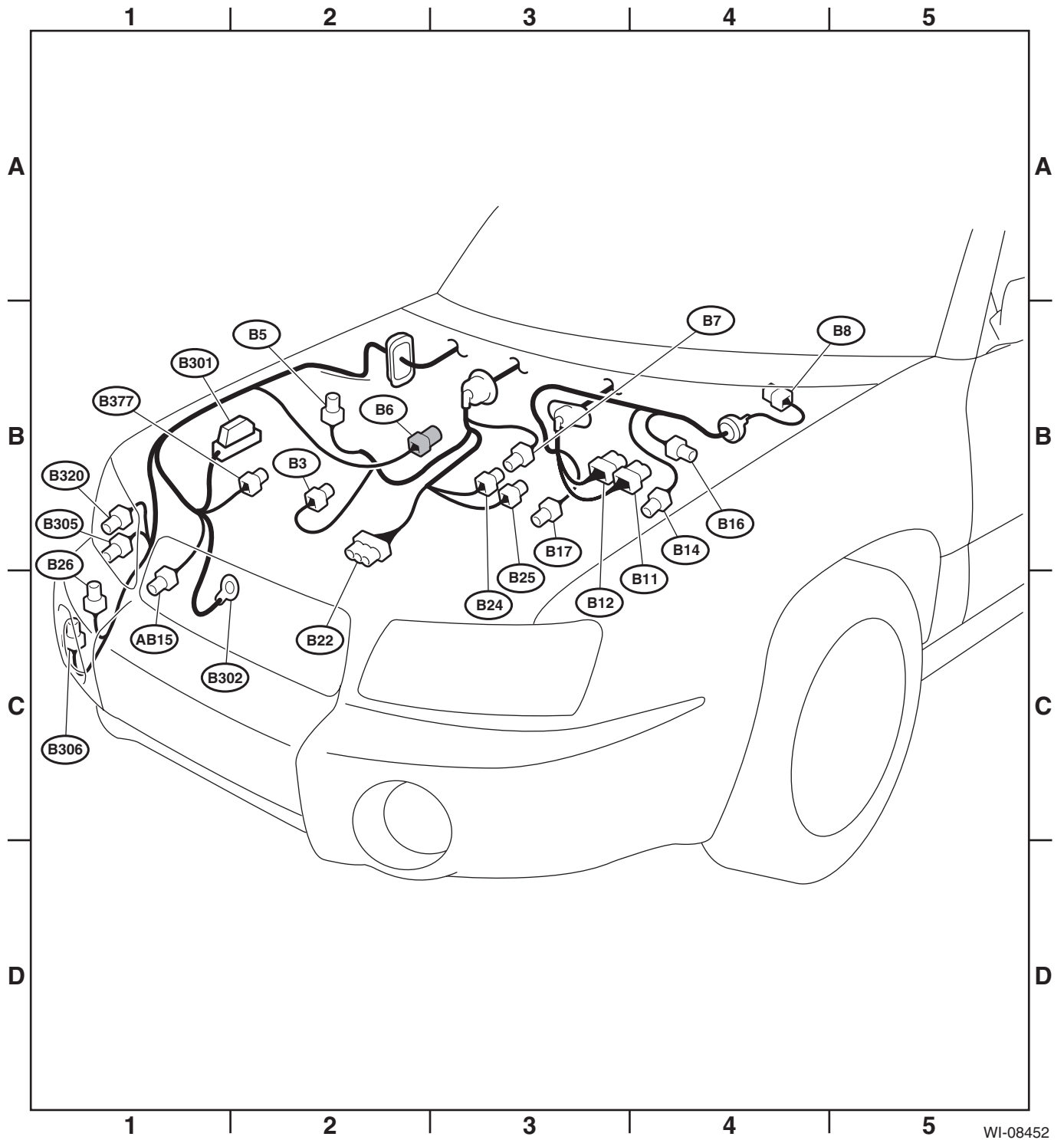
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B3	5	Black	B-2		Air flow sensor
B5	2	Gray	B-2		Daytime running light register
B6	2	Brown	B-2		Front ABS wheel speed sensor RH
B7	4	★	B-3		A/C pressure switch
B8	5	Black	B-4		Front wiper motor
B11	20	Gray	B-4	T4	Transmission cord (AT model)
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
B302	1	★	C-1		ABS motor ground
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
B377	2	Black	B-2	F112	Front wiring harness (Model without VDC)
★: 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



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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	Brown	B-2		Front ABS wheel speed sensor RH
B7	4	★	B-3		A/C pressure switch
B8	5	Black	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		Rear oxygen sensor
B20	10	Gray	B-2	E1	Engine wiring harness
B26	1	Black	C-1		Horn
B127	2	Blue	B-2		Wastegate control 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
B302	1	★	C-1		ABS motor ground
B305	2	Gray	B-1		Front turn signal light RH
B306	2	Brown	C-1		Front fog light RH
B317	8	Gray	B-2	E56	Engine wiring harness
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		
B377	2	Black	B-2	F112	Front wiring harness (Model without VDC)

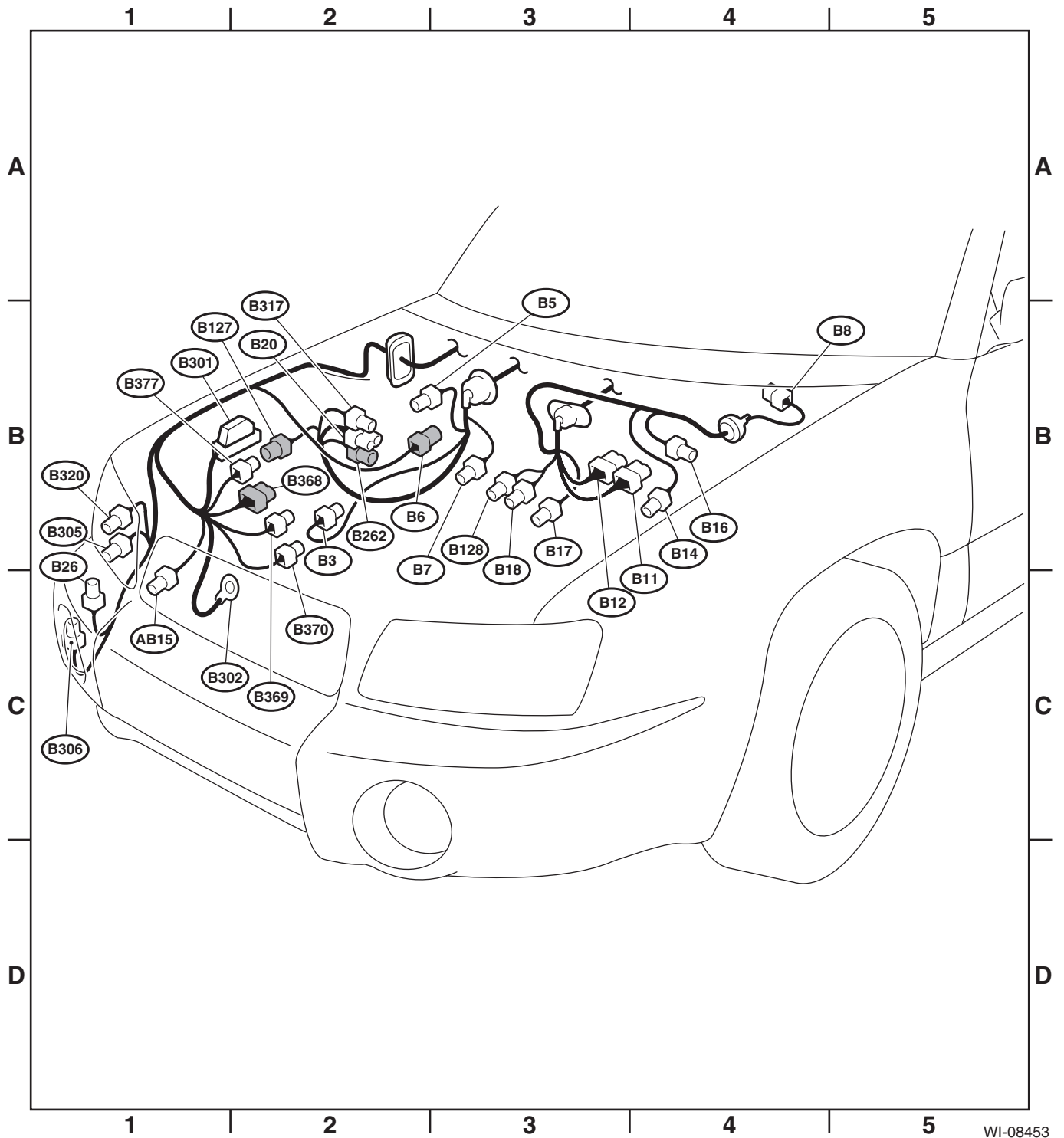
★: White or natural color

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-08453

55. 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	12	Yellow	D1	AB1	Airbag wiring harness (Vehicles prior to V.I.N. 733000)
	6				Airbag wiring harness (Vehicles after V.I.N. 733001)
B32	3	Black	B-3		Turn signal and hazard unit
B33	8	★	D-1		Airbag joint connector (Vehicles prior to V.I.N. 733000)
B34	2	Yellow	C-4		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
B51	8	Blue	C-1		Fuse & relay box (F/B)
B52	7	★	C-1		
B54	35	★	B-2		Transmission control module
B55	35	★	B-2		
B59	5	Gray	B-2		Interrupt relay (Security)
B61	8	Black	B-1	F44	Front wiring harness
B62	24	Black	B-2	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 & key warning switch
B75	2	Green	C-2	B76	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 resistor (NA model)

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
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-4		Diode (Daytime running light)
B96	10	★	B-4		Daytime running light control module
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	Red	C-1		Rear accessory relay
B106	2	★	B-2		Clutch switch (MT model)
B107	2	Blue	B-2		Clutch switch (MT model with cruise control)
B108	2	Black	B-1	F46	Front wiring harness
B112	2	Black	B-3		Diode (Front fog light)
B112	4	Brown	B-3		Diode (Front fog light & shift lock diode)
B117	6	★	C-4		AT select lever
B119	4	★	C-4		Front accessory power supply socket
B122	8	★	C-4		Shield and 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		Engine control module
B135	35	★	B-4		
B136	35	★	B-4		
B137	31	★	B-4		
B141	26	Gray	B-2		Immobilizer Control Module
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

Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B173	1	★	C-1		Ignition power supply connector
B176	26	Gray	B-5		Keyless entry control module
B177	2	★	B-5		Wiper deicer
B193	8	Black	C-2		Wiper deicer switch
B194	2	Black	C-1		Joint connector (Key-lock) (Turbo model)
B195	2	Black	C-1		
B198	1	★	B-4	B199	Joint ground connector
B199	1	★	B4	B198	
B200	32	★	B-2	F74	Front wiring harness
B201	24	Black	C-4	i40	Instrument panel wiring harness
B202	24	★	C-4	i41	Instrument panel wiring harness (Auto A/C)
B202	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)
	5	Black	C-2		Power window relay (Relay block)
	5	Black	C-2		Front fog light relay (Relay block)
	5	Black	C-2		Starter interlock relay (Relay block)
	5	Black	C-2		Wiper deicer & Mirror heater relay (Relay block)
	5	Black	C-2		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	C-3		
B281	20	Gray	C-3		Body integrated unit
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			HID diode

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
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
★: White or natural color					

• Airbag wiring harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB1	12	Yellow	D-1	B31	Bulkhead wiring harness (Vehicles prior to V.I.N. 733000)
	6				Bulkhead wiring harness (Vehicles after V.I.N. 733001)
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		Front sub sensor LH

WIRING SYSTEM

WIRING SYSTEM

56.Engine Wiring Harness and Transmission Cord

A: LOCATION

1. NON-TURBO MODEL

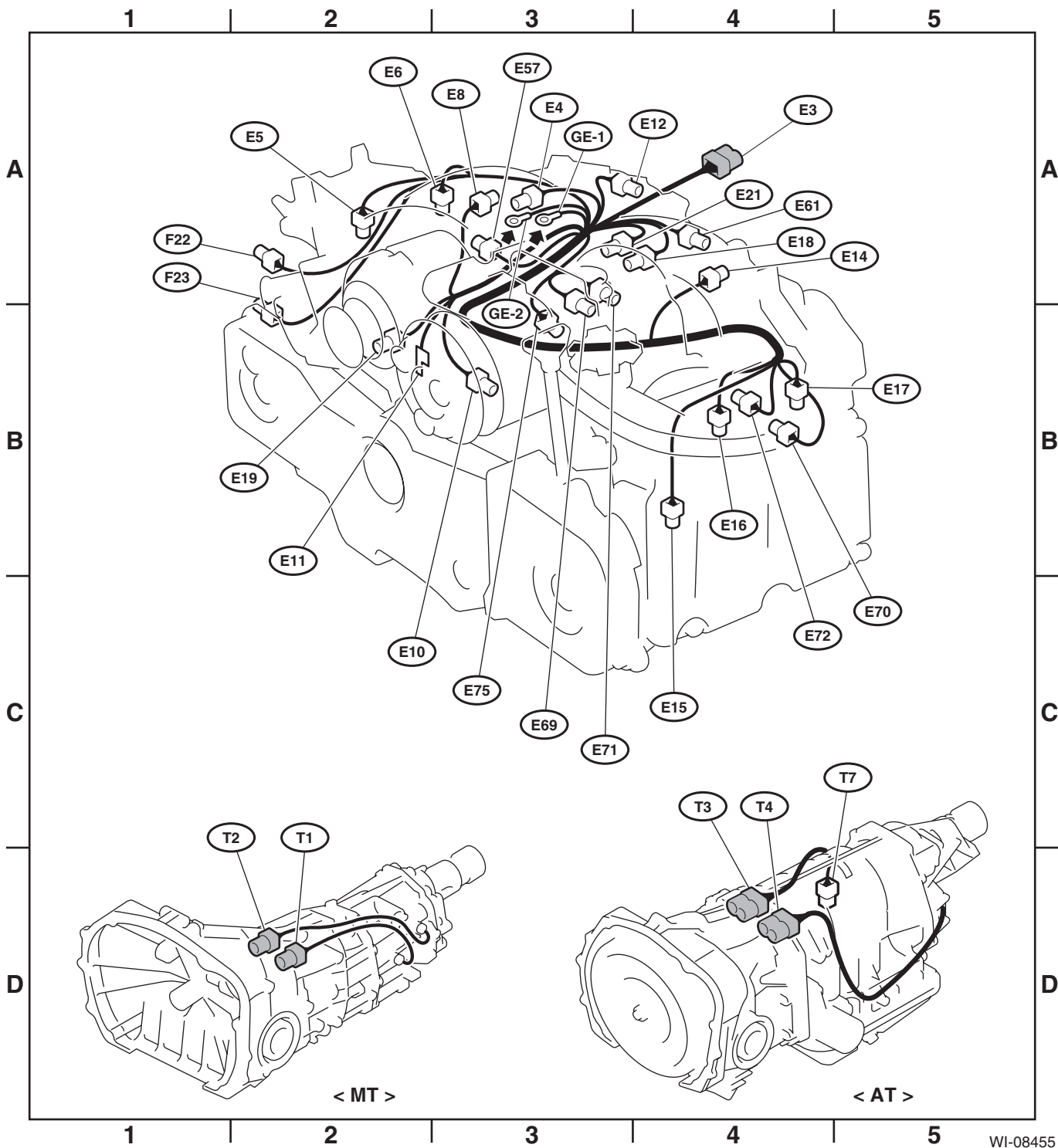
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E3	54	Black	A-4	B22	Bulkhead wiring harness
E4	2	Black	A-3		CPC Solenoid
E5	2	Dark gray	A-2		Fuel injector No. 1
E6	2	Dark gray	A-3		Fuel injector No. 3
E8	3	Light gray	A-3		Engine coolant temperature sensor and thermometer
E10	2	Light gray	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	Gray	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 solenoid valve
E19	1	★	B-2		Power steering oil pressure switch
E21	3	Black	A-3		Pressure sensor
E22	4	Light 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-3		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



2. TURBO MODEL

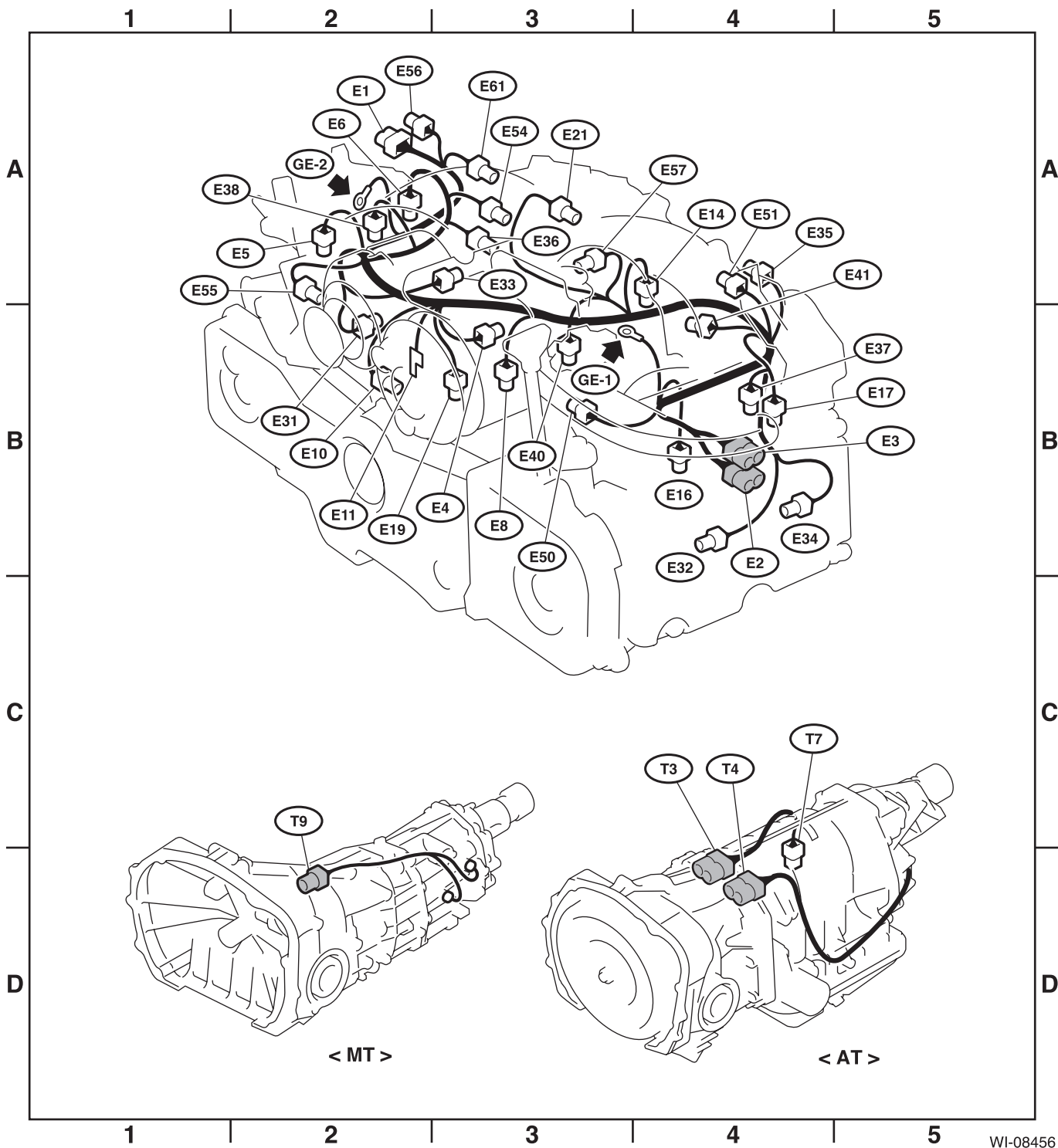
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E01	10	Light gray	A-2	B20	Bulkhead wiring harness
E02	20	Black	B-4	F61	Front wiring harness
E03	16	Brown	B-4	F61	
E04	2	Black	B-3		CPC Solenoid
E05	2	Dark gray	A-2		Fuel injector No. 1
E06	2	Dark gray	A-2		Fuel injector No. 3
E08	3	Light 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 camshaft 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 built-in pressure sensor)
E50	3	Black	B-3		TGV position sensor LH
E51	2	Black	A-4		TGV LH
E54	3	Black	A-3		TGV position sensor RH
E55	2	Black	A-2		TGV RH
E56	8	Dark gray	A-2	B317	Bulkhead wiring harness
E57	6	Black	A-3		Electronic throttle control
E61	2	Dark gray	A-3		PCV diagnosis connector
★: White or natural color					

Transmission cord

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T2	2	Brown			Neutral switch
T3	12	Black	D-4	B12	Bulkhead wiring harness (AT model)
T4	20	Gray	D-4	B11	
T7	12	★	D-4		Inhibitor switch
T9	4	Gray	D-2		Bulkhead wiring harness (MT model)
★: White or natural color					

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM



WI-08456

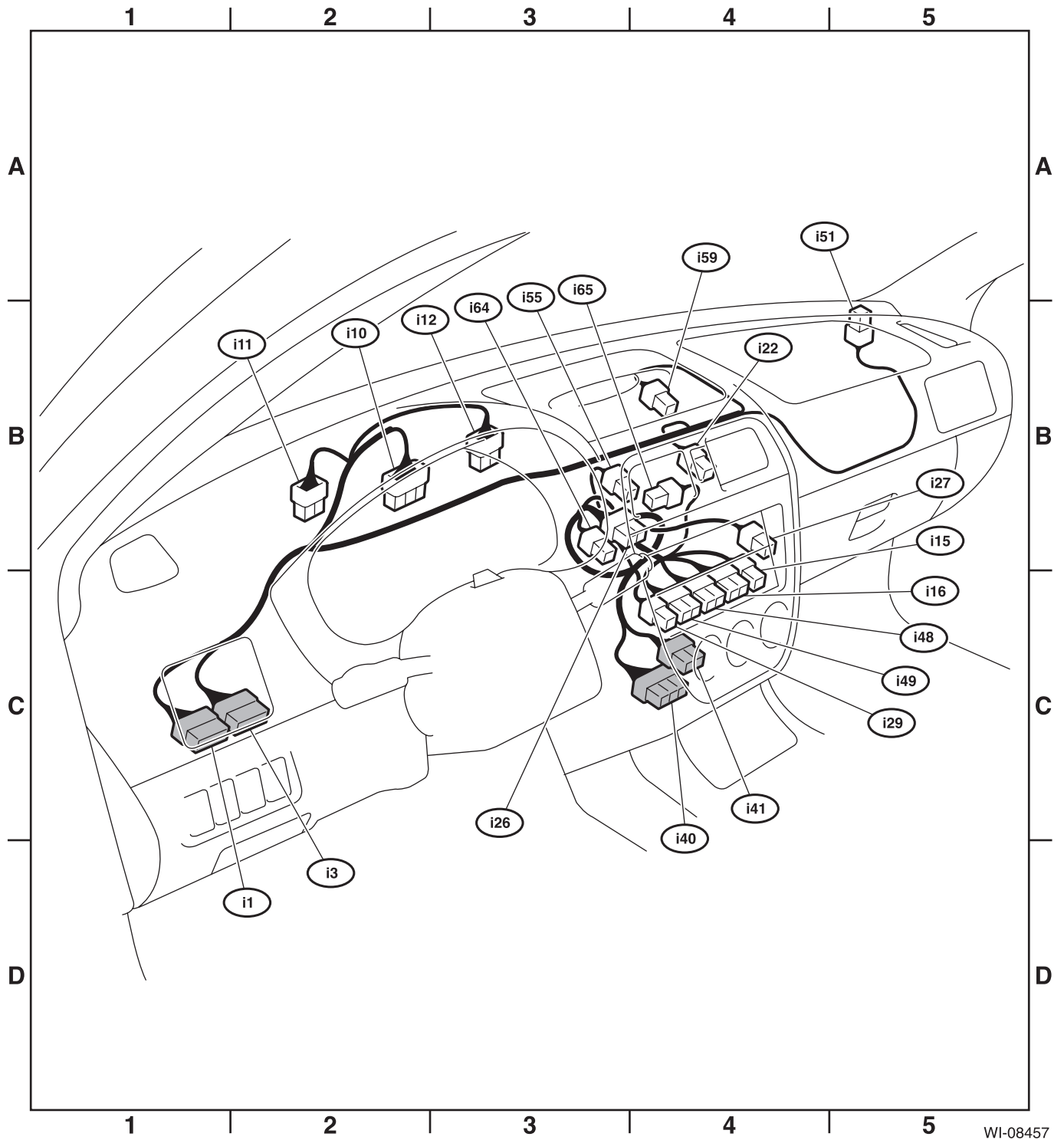
57. Instrument Panel Wiring Harness

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-3		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-4		Woofer
i65	6	Black	B-4		Air mix actuator (Auto A/C)
★: White or natural color					

Instrument Panel Wiring Harness

WIRING SYSTEM



WI-08457

58.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	
R3	24	★	B-2	B99	
R4	1	Black	B-3		Parking brake switch
R8	2	★	C-4		Seat belt switch (Manual seat)
R15	16	★	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 supply socket
R188	8	Black	C-3		Power seat & seat heater and seat belt switch (with power seat)
R189	2	★	B-2		Occupant detection unit (Vehicles before V.I.N. 733000)
★: 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	
B99	24	★	B-2	R3	
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 & 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	16	★	B-3	R15	Rear wiring harness
R58	6	★	B-3		Fuel pump assembly
R59	2	★	B-4		Fuel gauge sub unit
R68	2	Gray	B-4		Pressure control solenoid valve
R69	2	Black	B-4		Drain valve
★: White or natural color					

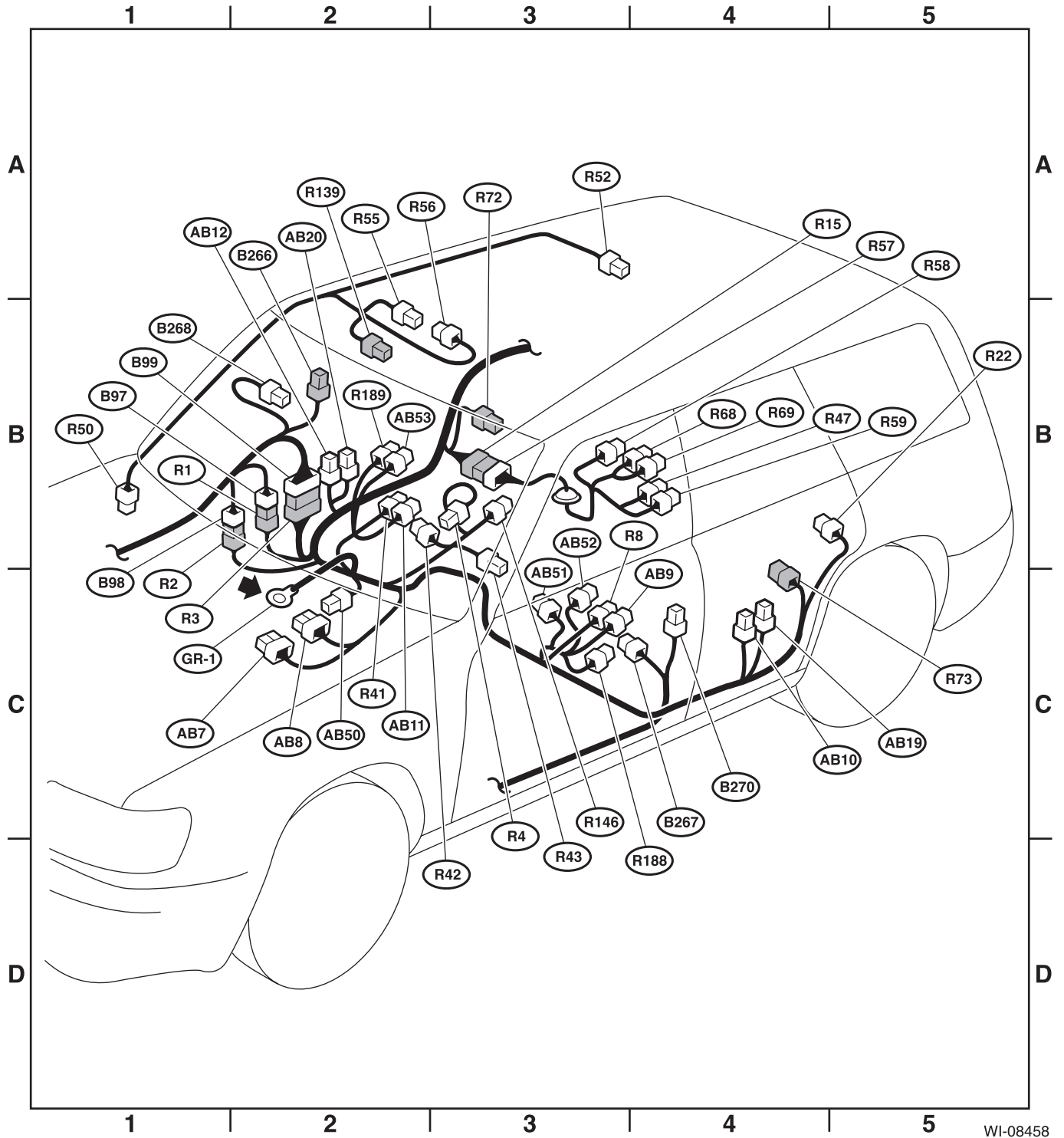
• Airbag wiring harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB7	12	Yellow	C-2		Airbag control module
AB8	12	Yellow	C-2		Airbag control module
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 harness
AB51	2	Yellow	C-3		Buckle switch (Vehicles after V.I.N. 733001)
AB52	2	Yellow	C-3		Seat position sensor (Vehicles after V.I.N. 733001)
AB53	4	Yellow	B-2		Occupant detection control module
	6	Yellow	B-2		Occupant detection control module
AB63	3	Brown	B-2		Belt tension sensor (Vehicles after V.I.N. 733001)

Rear Wiring Harness

WIRING SYSTEM

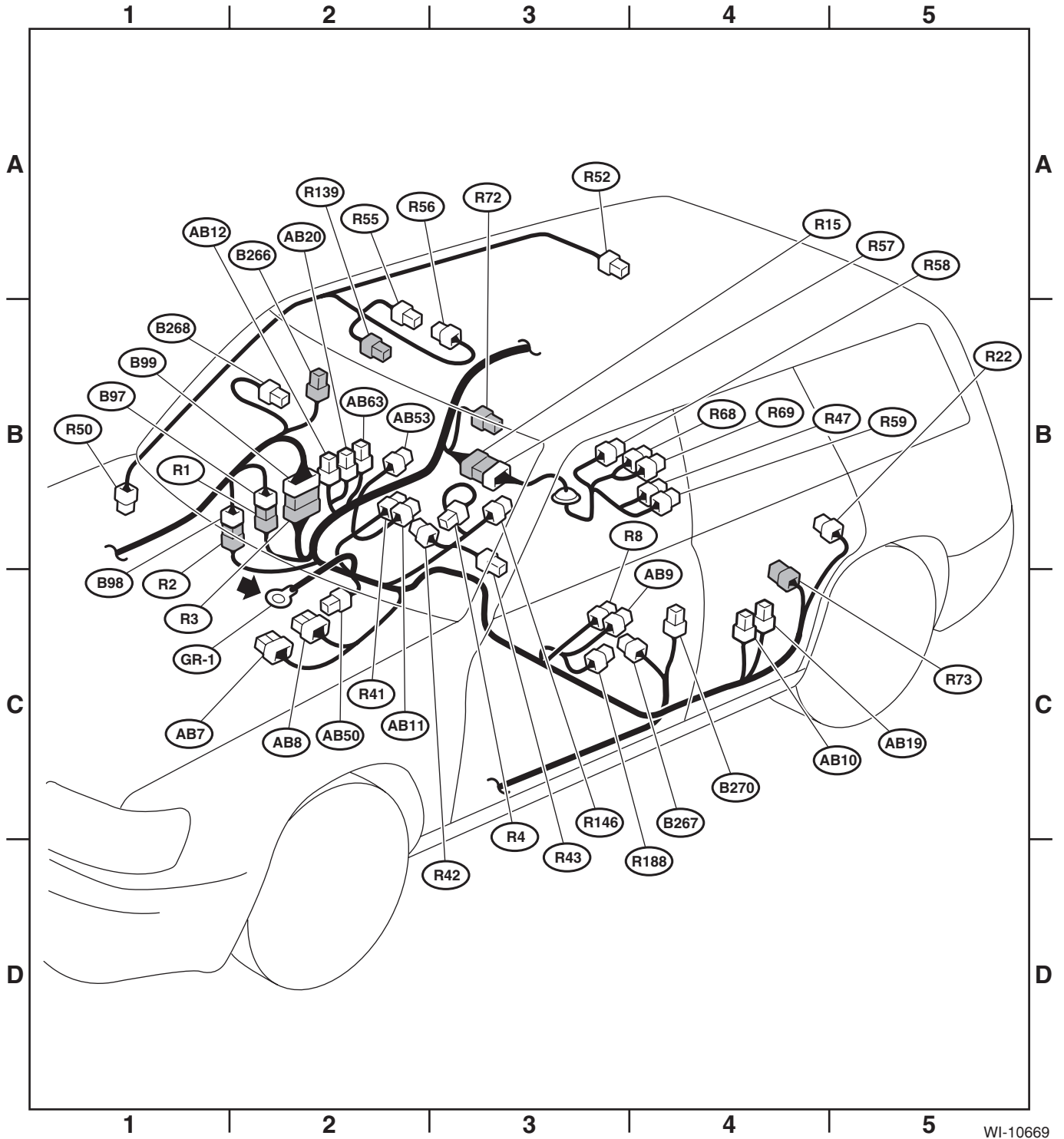
- Vehicles prior to V.I.N. 733000



Rear Wiring Harness

WIRING SYSTEM

- Vehicles after V.I.N. 733001



WI-10669

59. Door Cord

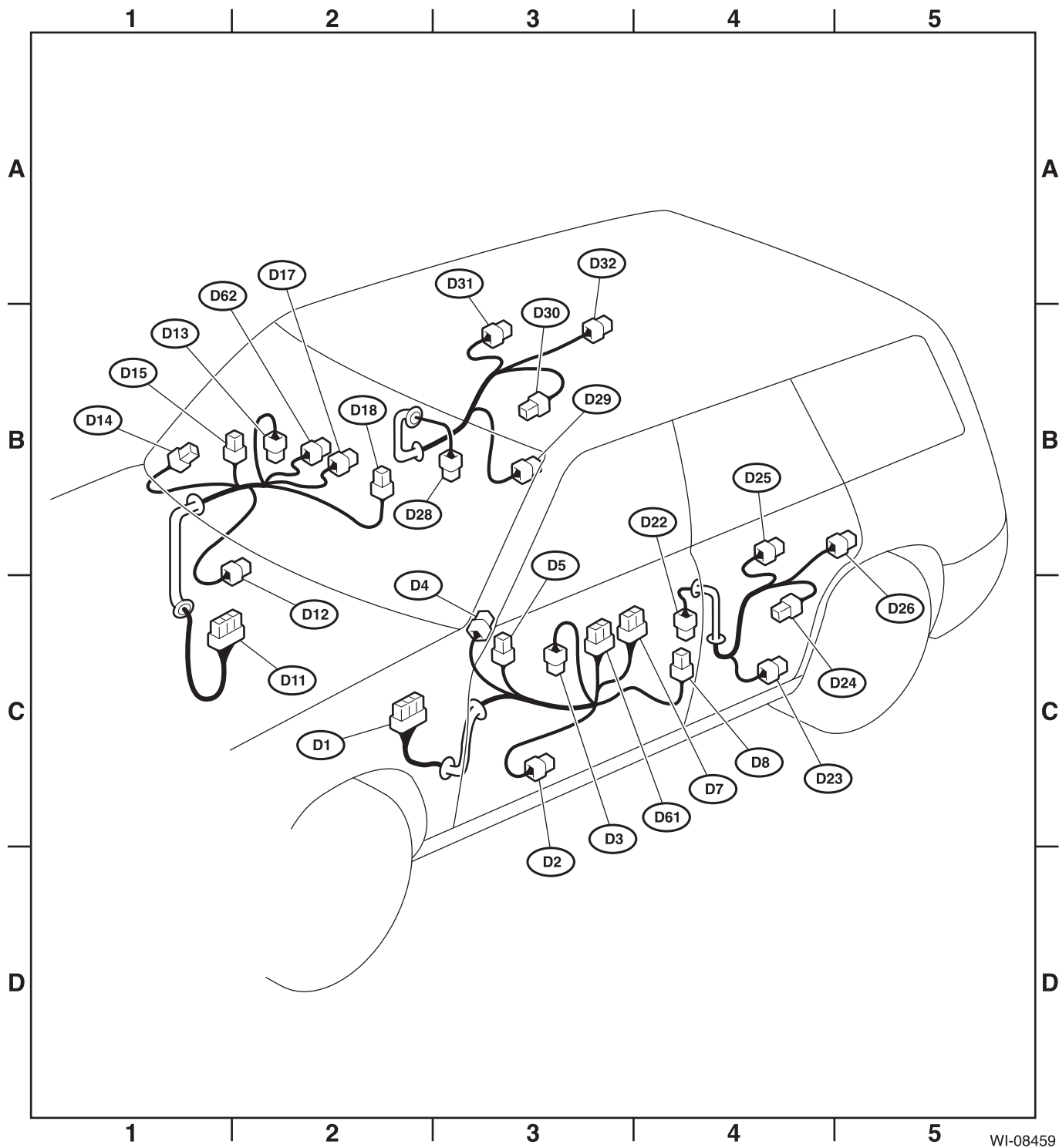
A: LOCATION

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, without 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, with 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	★	C-1		Front door speaker LH
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, without 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, with 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 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 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

Door Cord

WIRING SYSTEM



WI-08459

60.Rear Wiring Harness and Rear Gate Cord

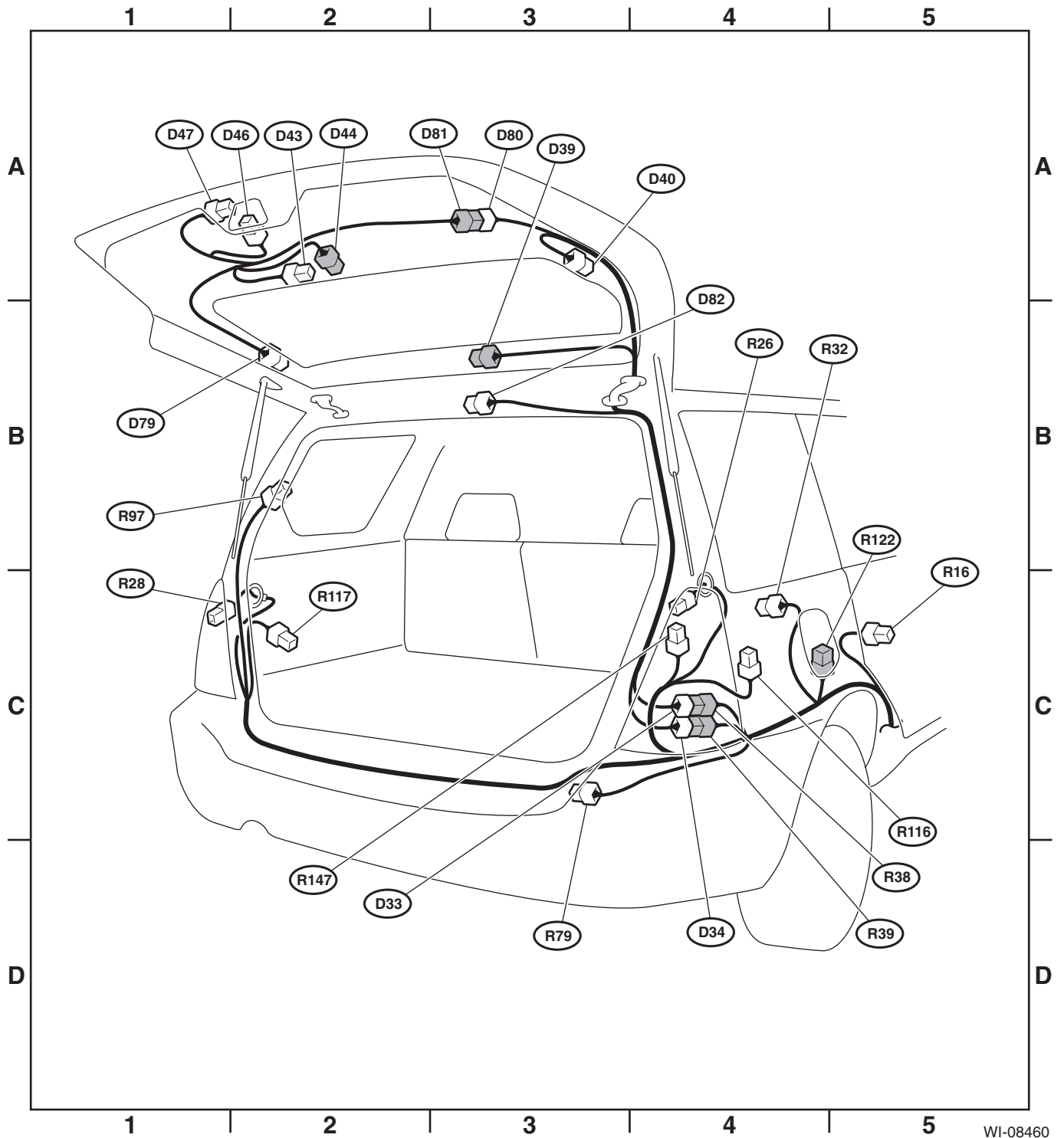
A: LOCATION

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 supply socket
R38	4	★	C-4	D33	Rear gate cord
R39	8	★	C-4	D34	
R79	6	★	D-3		Trailer connector
R97	1	★	B-1		Antenna amplifier
R116	8	★	C-4		Rear wiper intermittent unit
R117	2	★	C-2		Woofer
R122	6	★	C-4		Fuel pump relay control unit (Turbo model)
R147	5	★	C-4		Joint ground connector
★: 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	B-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 cord
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

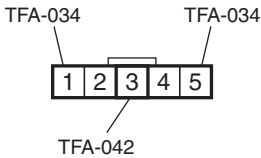
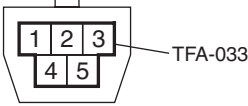
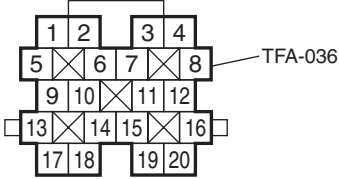
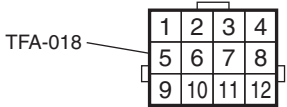
WIRING SYSTEM



61.Harness Repair Kit

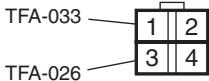
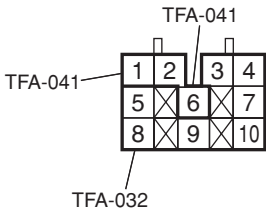
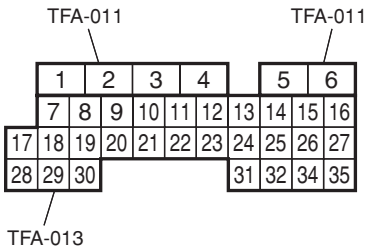
A: SPECIFICATION

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

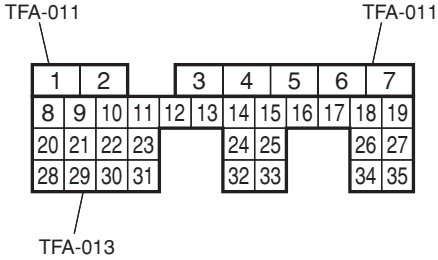
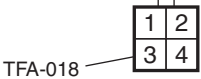
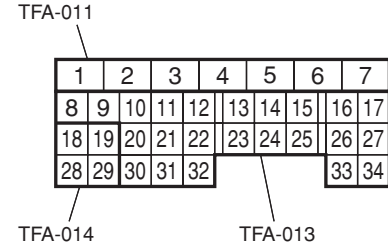
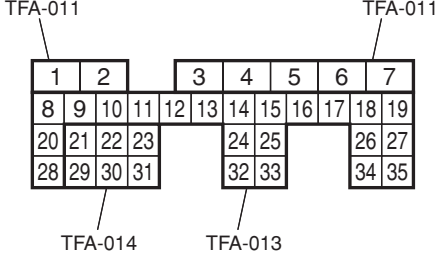
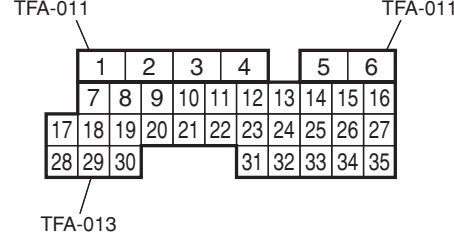
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B17 (Non-turbo MT model)	 TFA-019 WI-06088	ALL	TFA-019
B17 (Turbo MT model)	 TFA-019 WI-06089	ALL	TFA-019
B18	 TFA-033 TFA-026 WI-06090	1, 2	TFA-033
		3, 4	TFA-026
B20 (Turbo model)	 TFA-041 TFA-032 WI-11568	1, 2, 6	TFA-041
		3 — 5, 7 — 10	TFA-032
B54	 TFA-011 TFA-013 WI-11569	1 — 6	TFA-011
		7 — 35	TFA-013

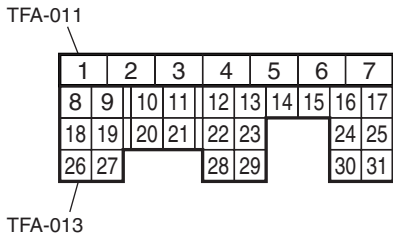
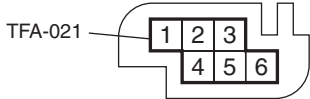
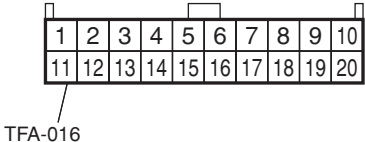
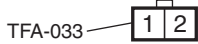
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B55	 WI-11570	1 — 7	TFA-011
		8 — 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

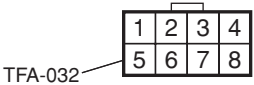
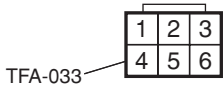
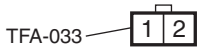
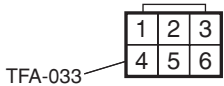
Harness Repair Kit

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

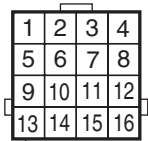
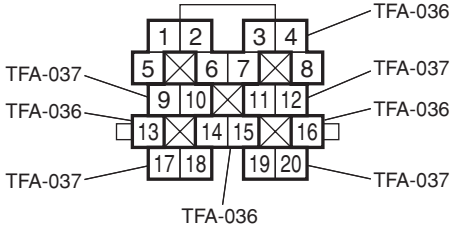
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B317 (Turbo model)	 TFA-032 WI-11575	ALL	TFA-032
F7	 TFA-033 WI-11576	ALL	TFA-033
F19	 TFA-033 WI-04717	ALL	TFA-033
F23	 TFA-033 WI-11576	ALL	TFA-033
F24	 TFA-018 WI-06103	ALL	TFA-018

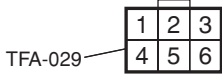
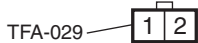
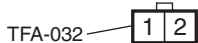
Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
F26	 WI-06104	ALL	TFA-032
F60 (Turbo model)	 WI-06105	ALL	TFA-032
F61 (Turbo model)	 WI-11577	1 — 8, 11, 13 — 15 9, 10, 11, 12, 17, 18, 19, 20	TFA-036 TFA-037
F102	 WI-06109	ALL	TFA-018
R47	 WI-06088	ALL	TFA-019

Harness Repair Kit

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
R58	 TFA-029 WI-11578	ALL	TFA-029
R59	 TFA-029 WI-06095	ALL	TFA-029
R68	 TFA-032 WI-06110	ALL	TFA-032

Harness Repair Kit

WIRING SYSTEM
