

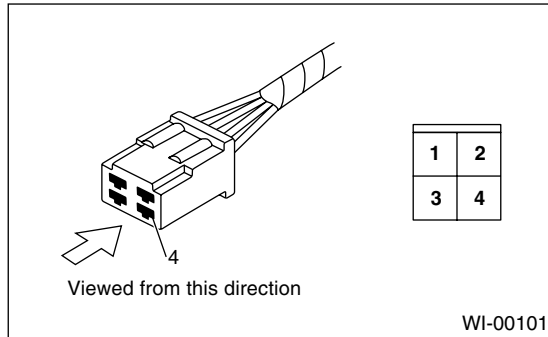
C: HOW TO READ WIRING DIAGRAMS

1. WIRING DIAGRAM

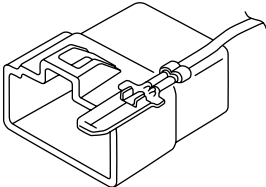
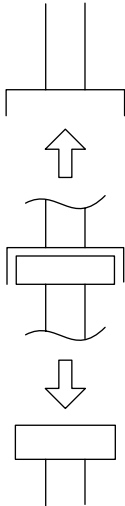
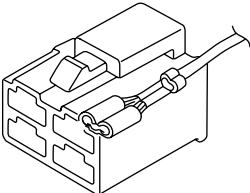
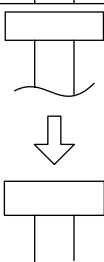
The wiring diagram of each system is illustrated so that you can understand the path through which the electric current flows from the battery.

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, and pin number of each terminal 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									

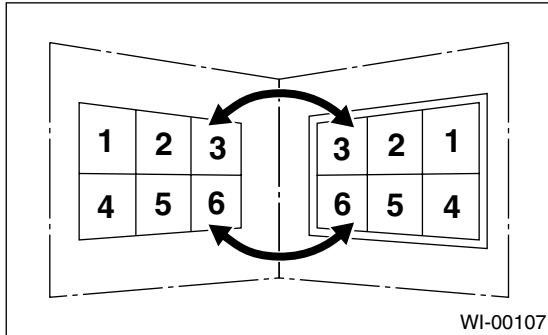
WI-00102

WI-00102

BASIC DIAGNOSTICS PROCEDURE

WIRING SYSTEM

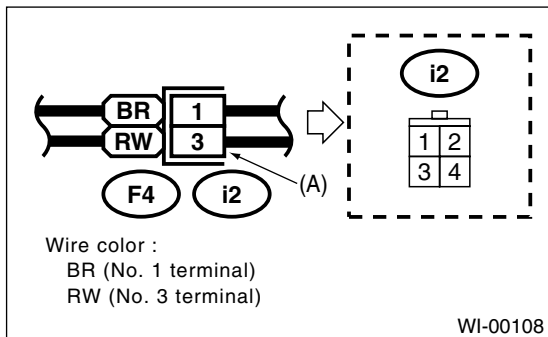
- When one set of connectors is viewed from the front side, the pole numbers of one connector are symmetrical to those of the other. When these two connectors are connected as a unit, the poles which have the same number are joined.



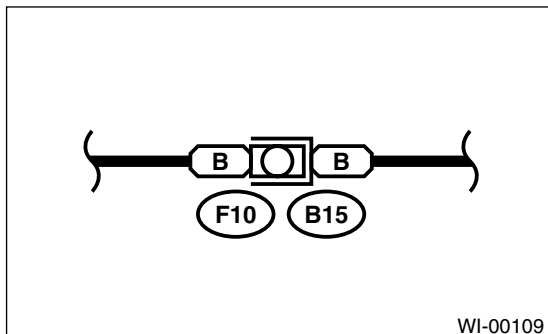
- Electrical wiring harness:**
The connectors are numbered along with the number of poles, external colors, and mating connections in the accompanying list.
- The sketch of each connector in the wiring diagram usually shows the (A) side of the connector. The relationship between the wire color, terminal number and connector is described in 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.

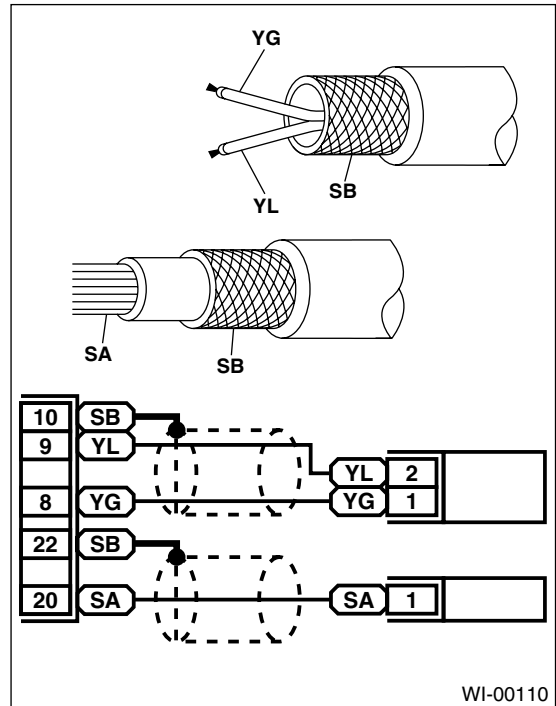


- In wiring diagram, connectors which have no terminal number refer to one-pole types. Sketches of these connectors are omitted intentionally.



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

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
Lb	Light Blue
V	Violet
SA	Sealed (Inner)
SB	Sealed (Outer)

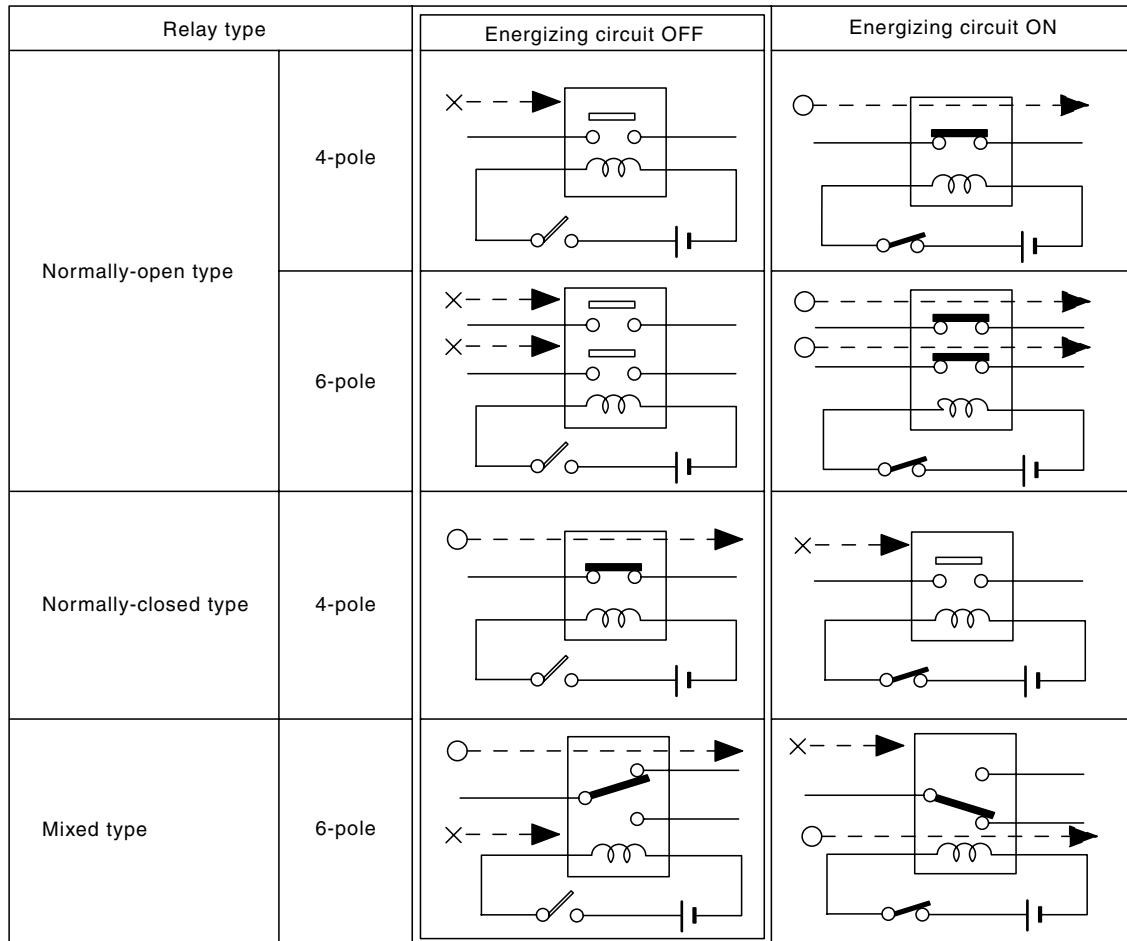


BASIC DIAGNOSTICS PROCEDURE

WIRING SYSTEM

- Relays are classified as normally-open or normally-closed. The normally-closed relay has one or more contacts.

The wiring diagram shows the relay mode when the energizing circuit is OFF.



Key to symbols:

○ —▶ : Current flows.

× —▶ : Current does not flow.

WI-00114

POWER SUPPLY ROUTING

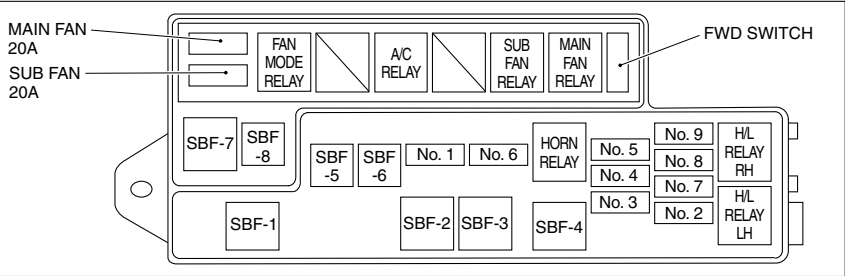
WIRING SYSTEM

2. RHD MODEL

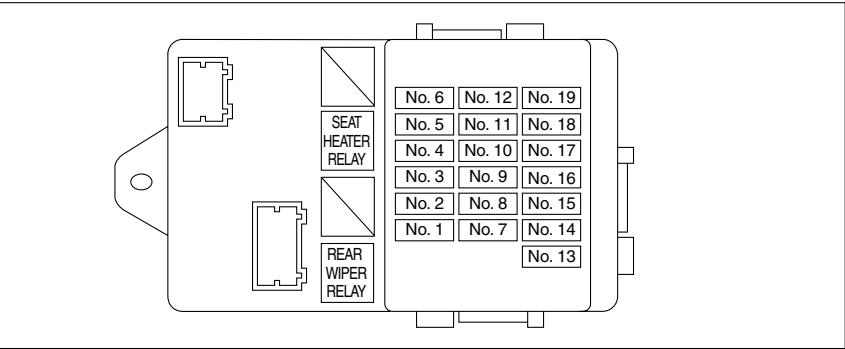
P-SUP(R)-01

P-SUP(R)-01

MAIN FUSE BOX (M/B)



FUSE & RELAY BOX (F/B)

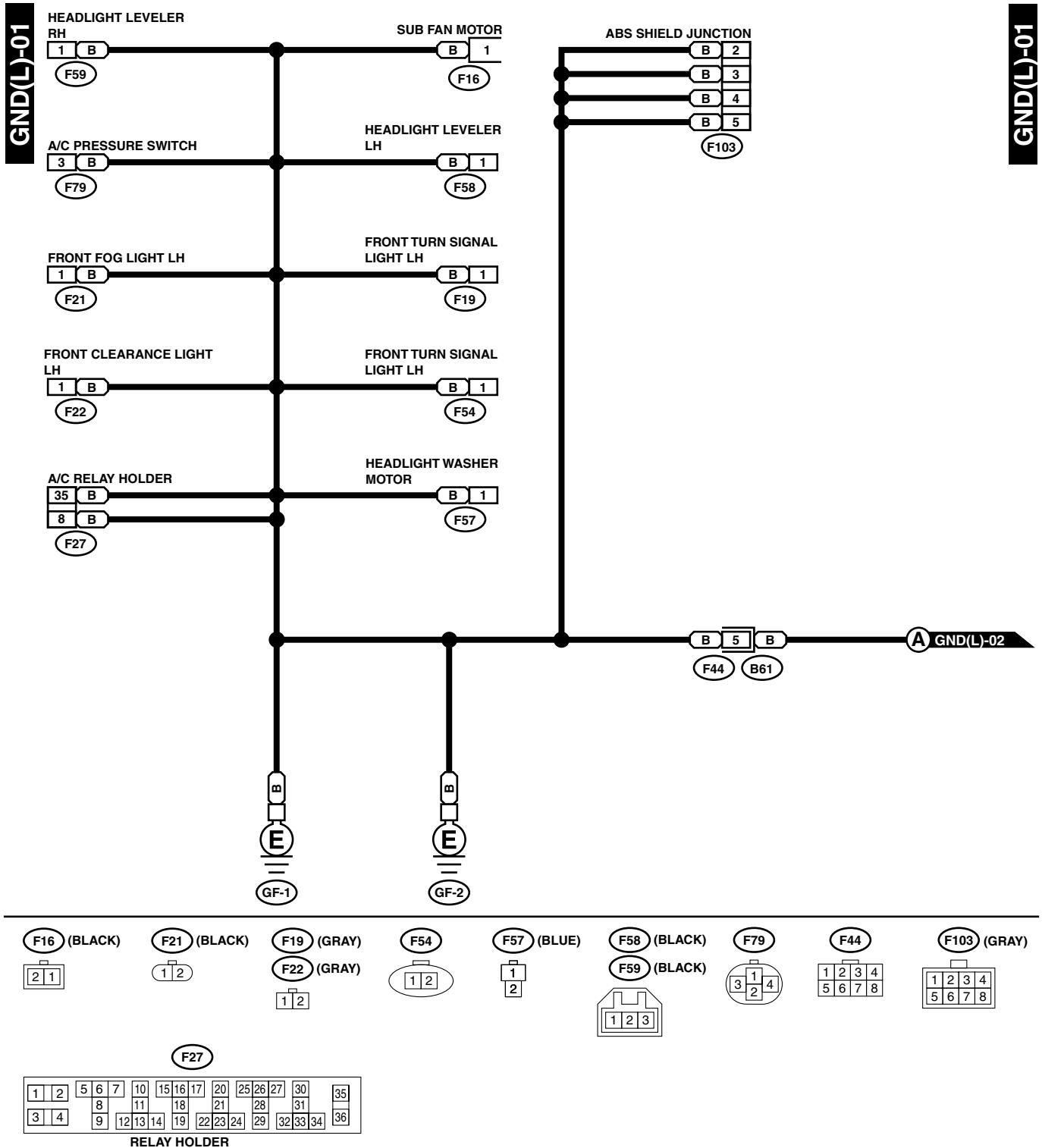


WI-00229

4. Ground Distribution

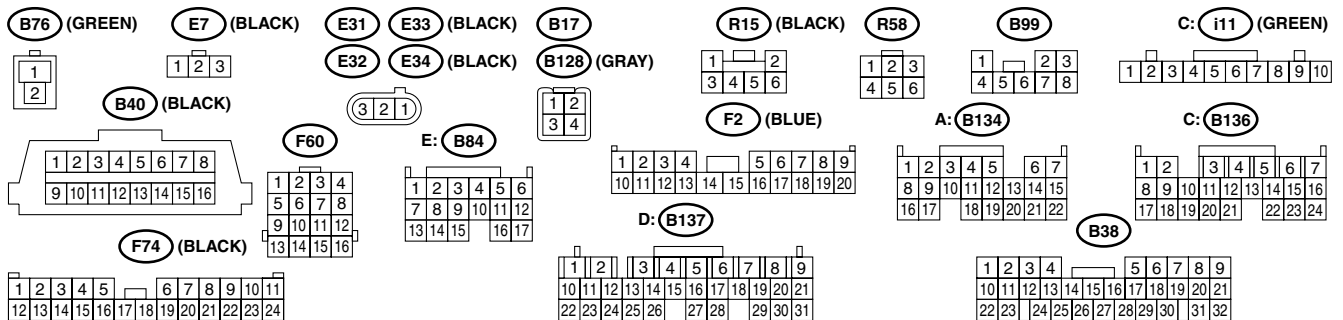
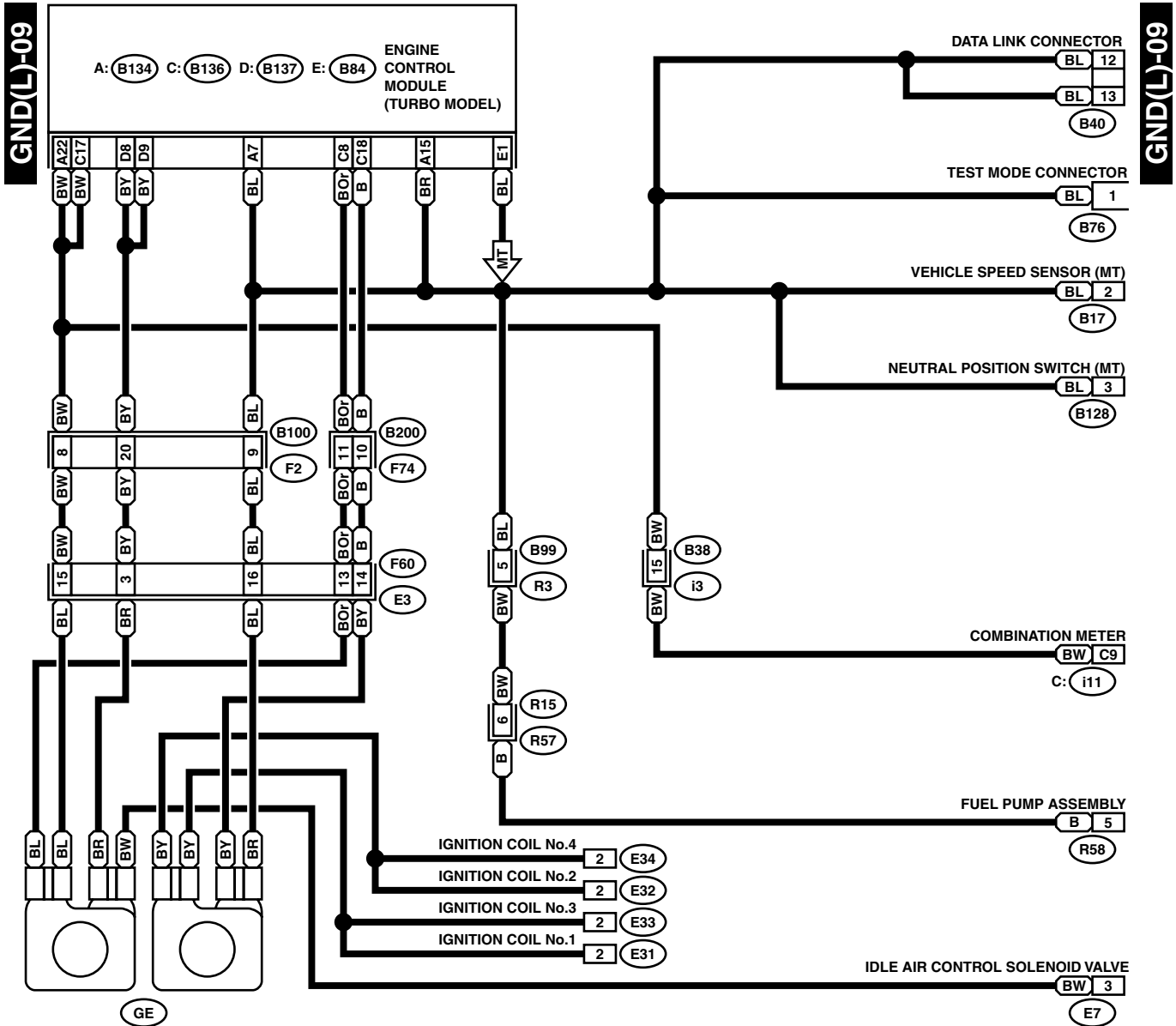
A: SCHEMATIC

1. LHD MODEL



GROUND DISTRIBUTION

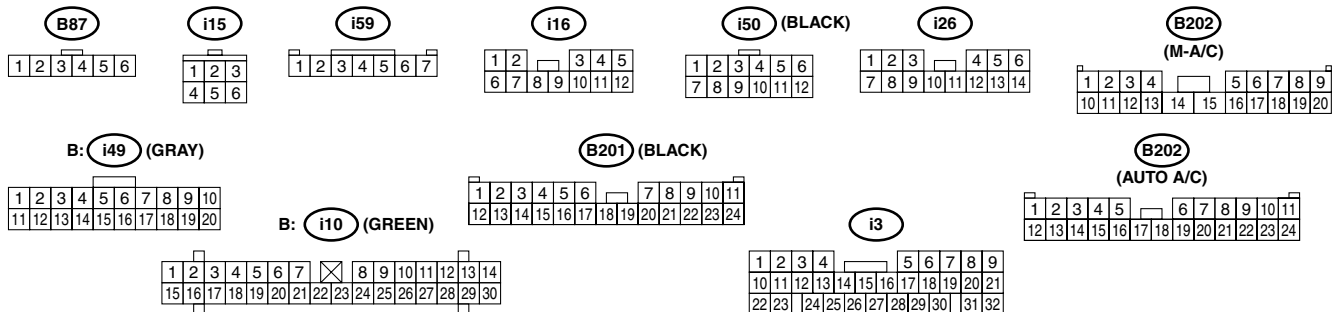
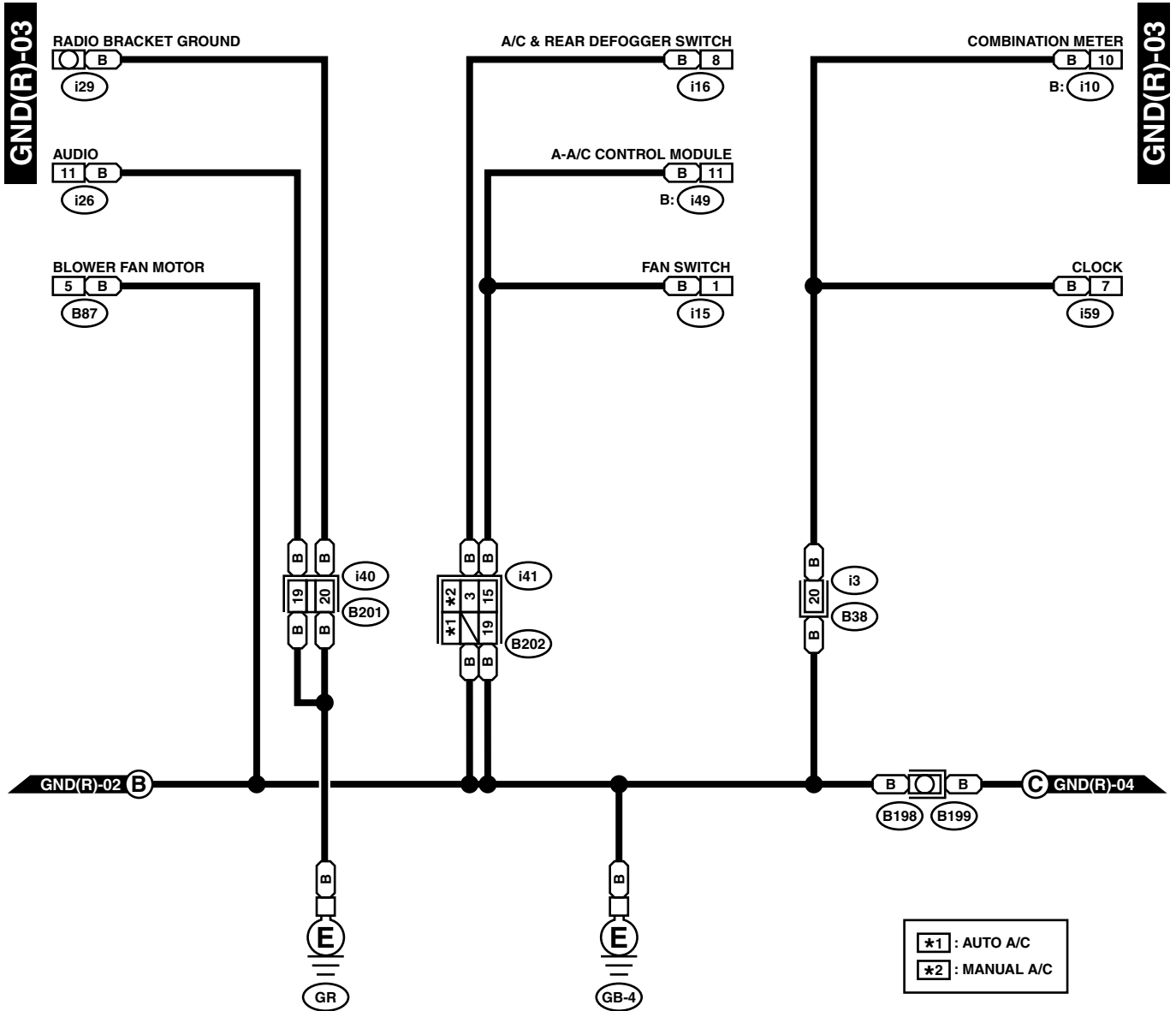
WIRING SYSTEM



WI-00242

GROUND DISTRIBUTION

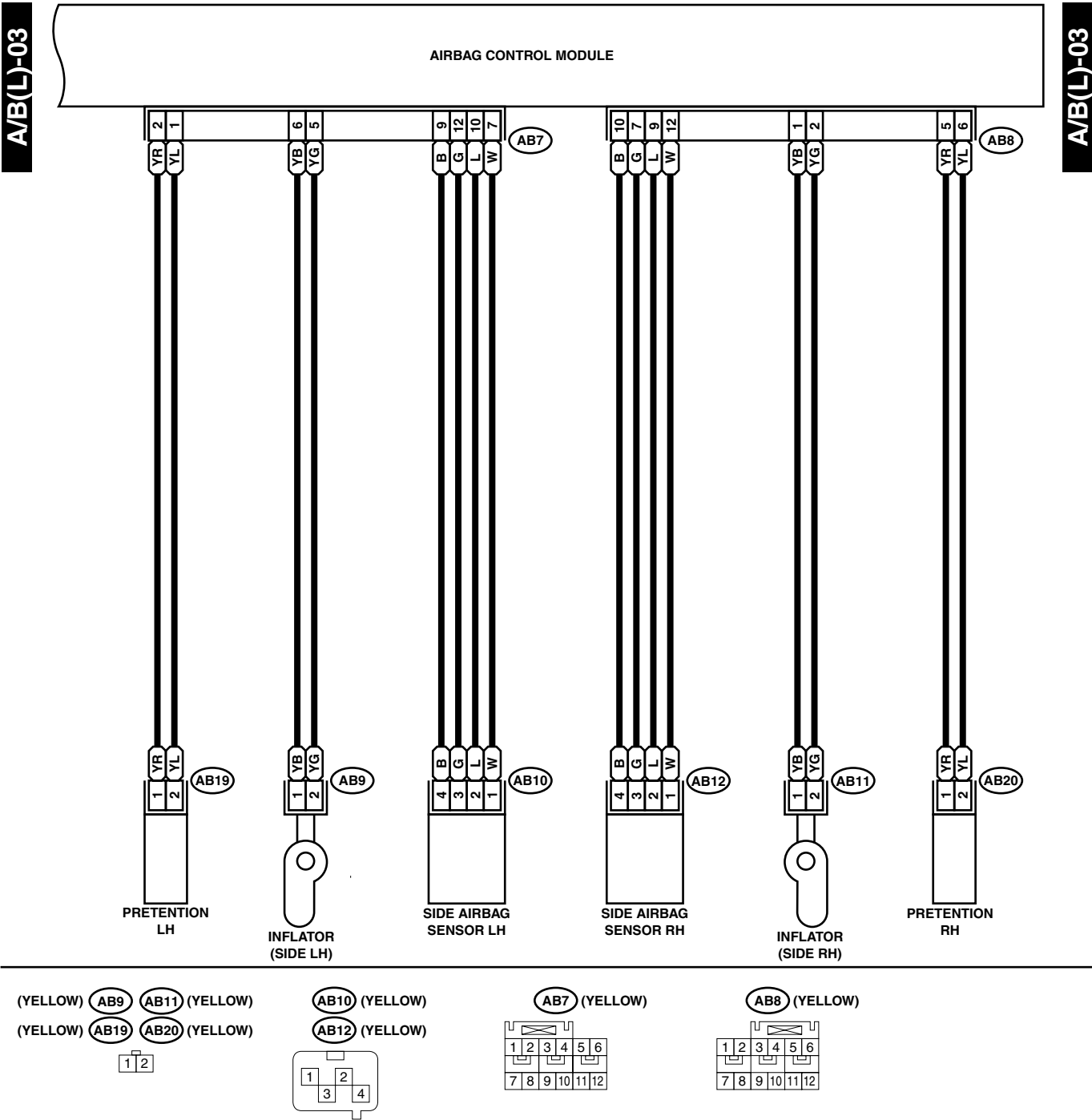
WIRING SYSTEM



WI-00248

AIRBAG SYSTEM

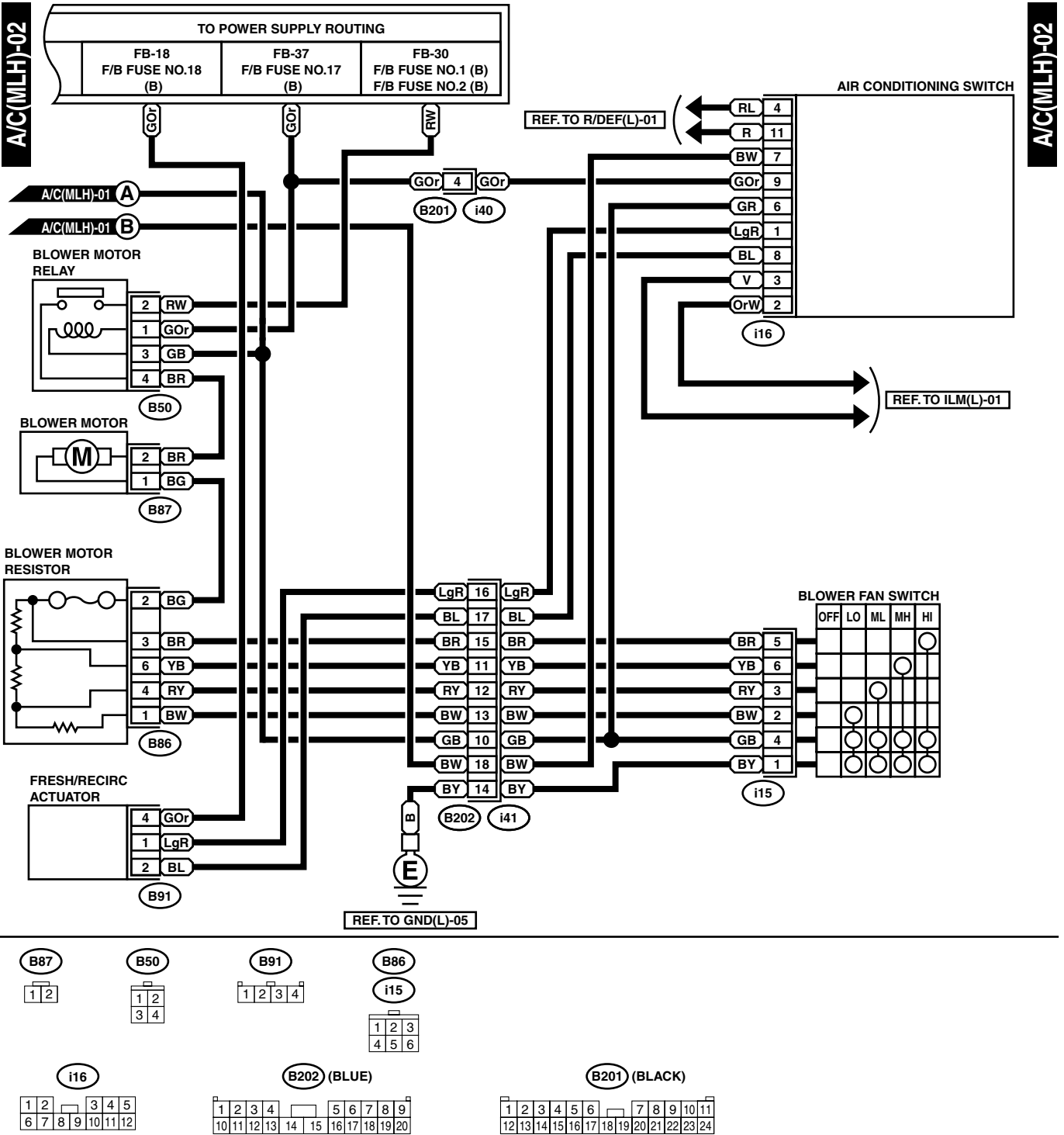
WIRING SYSTEM



WI-00258

AIR CONDITIONING SYSTEM

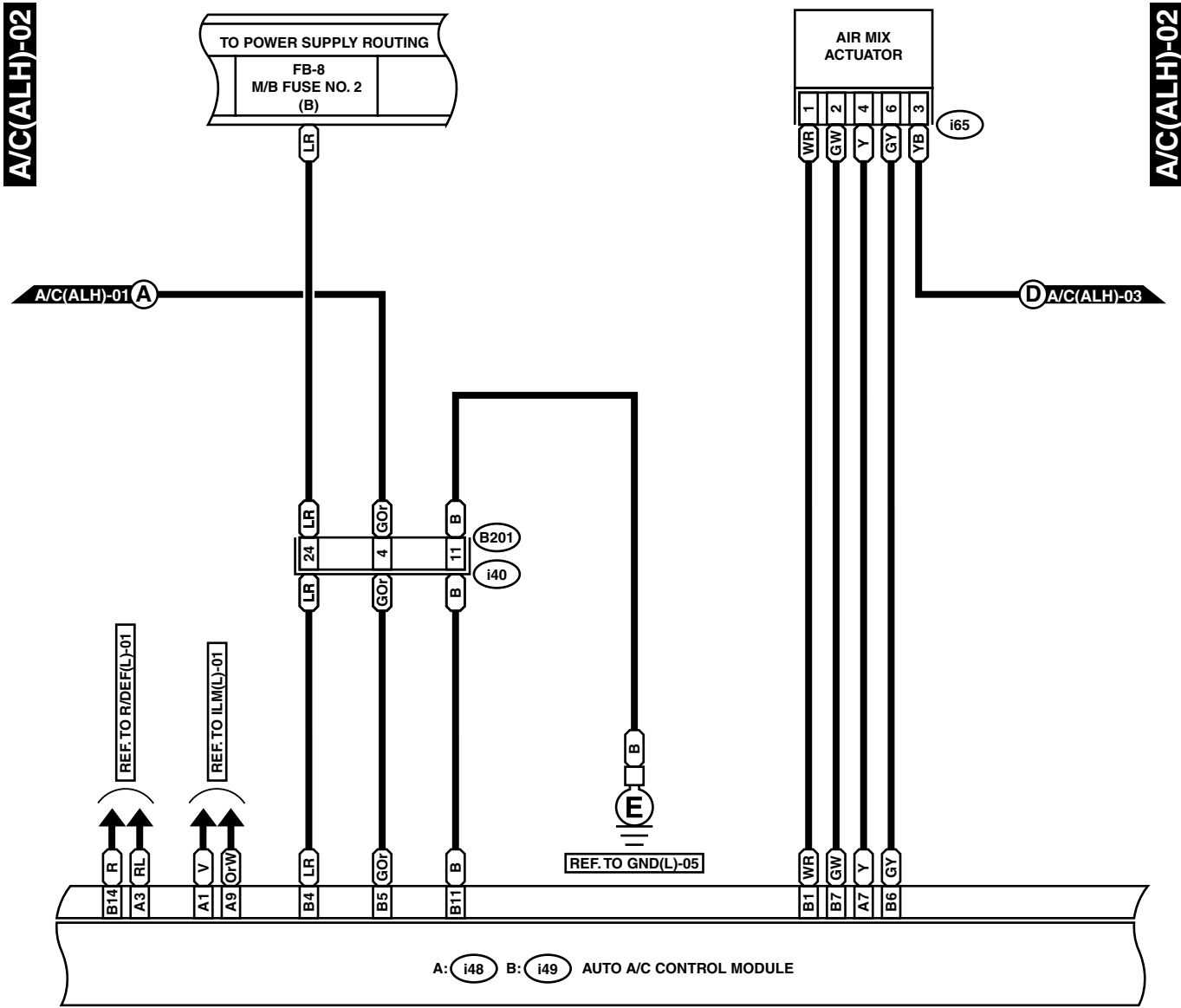
WIRING SYSTEM



WI-00265

AIR CONDITIONING SYSTEM

WIRING SYSTEM



i65

1		2
3	4	5
		6

A: i48 (GRAY)

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

B: i49 (GRAY)

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

B201 (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

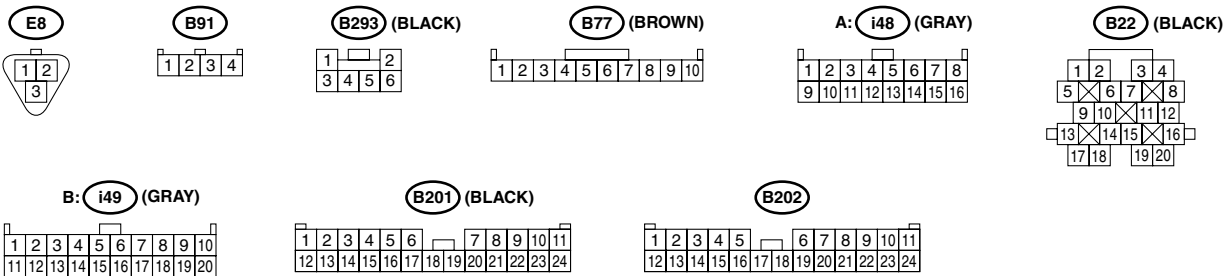
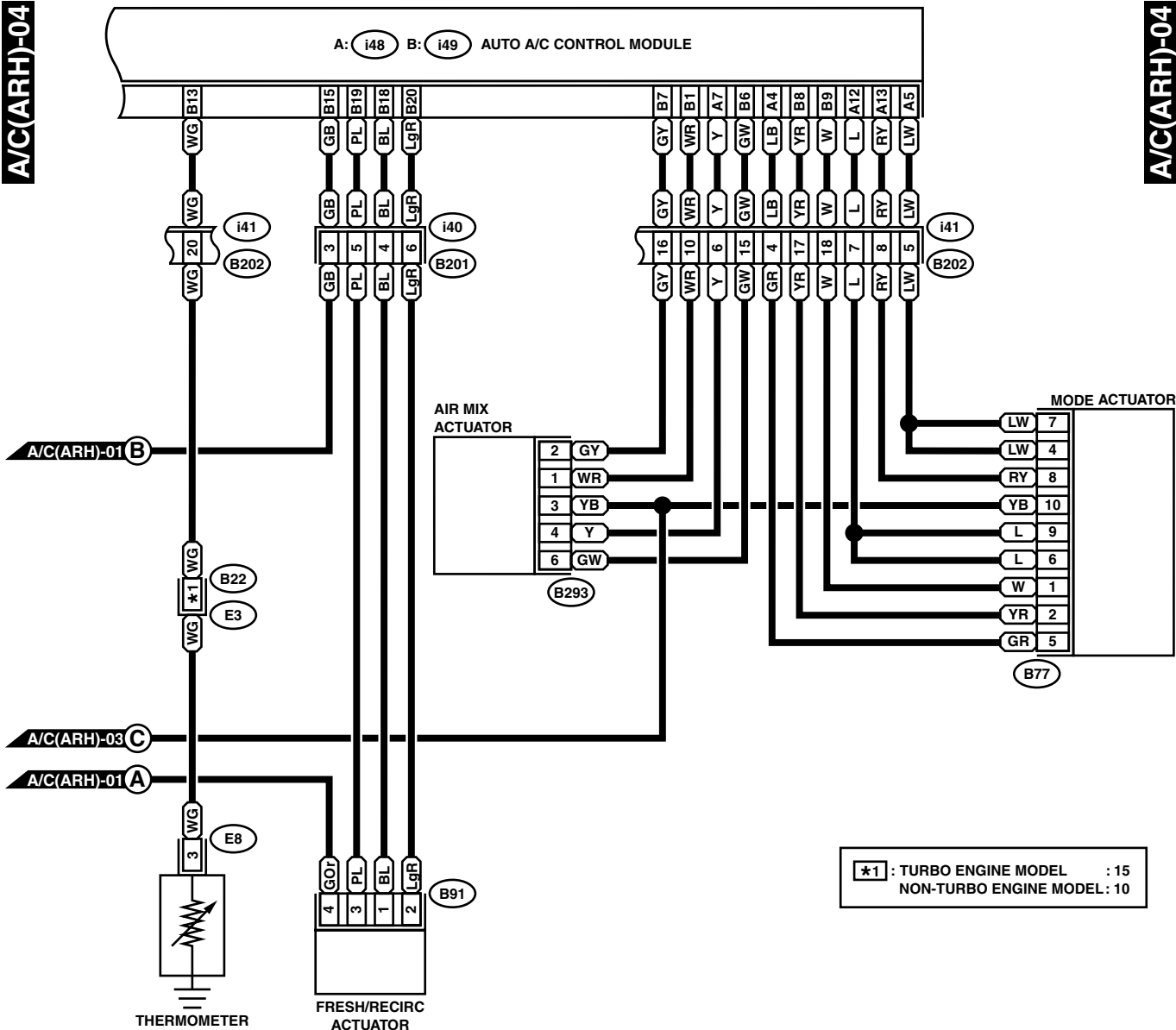
WI-00273

AIR CONDITIONING SYSTEM

WIRING SYSTEM

A/C(ARH)-04

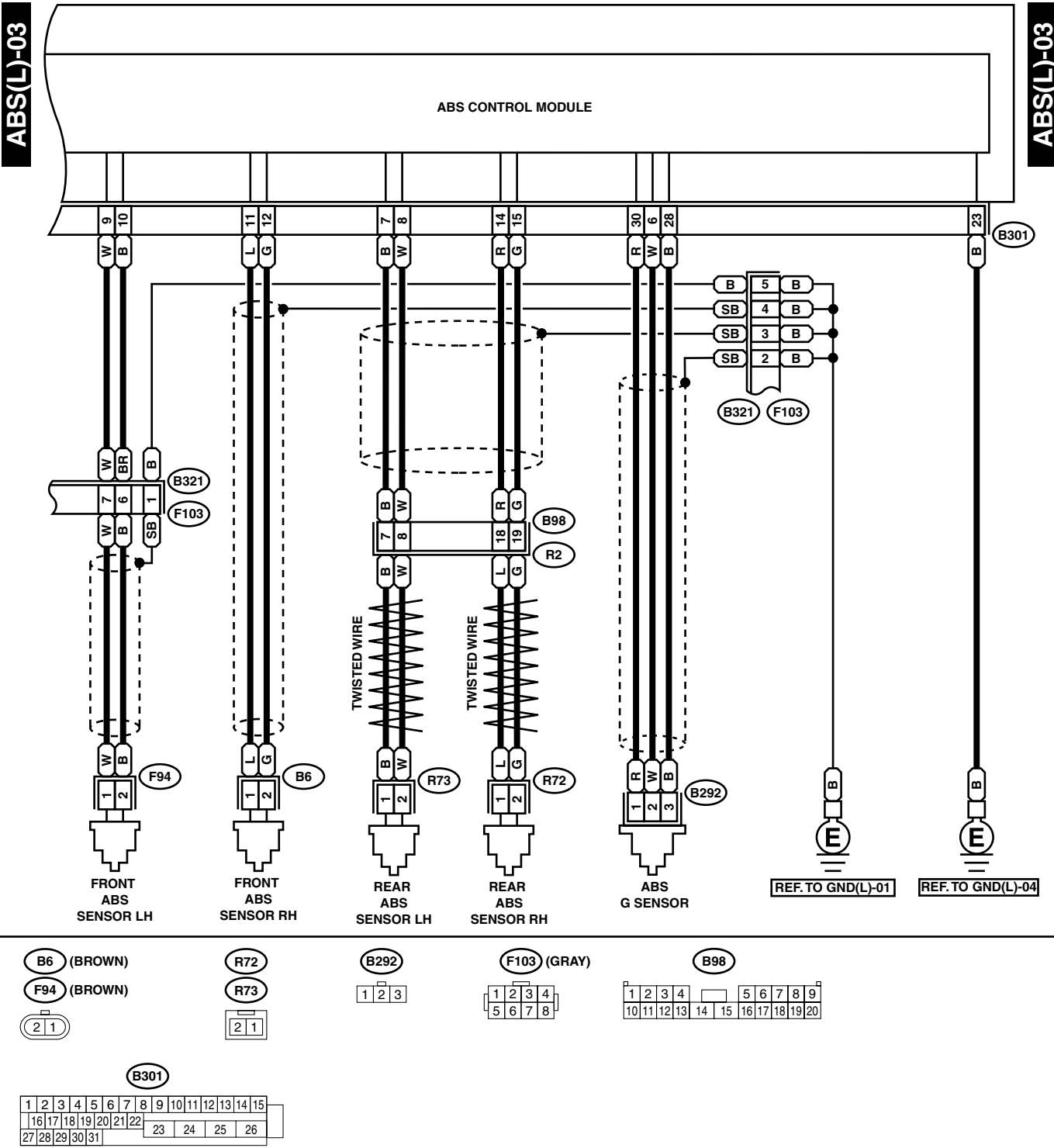
A/C(ARH)-04



WI-00279

ANTI-LOCK BRAKE SYSTEM

WIRING SYSTEM

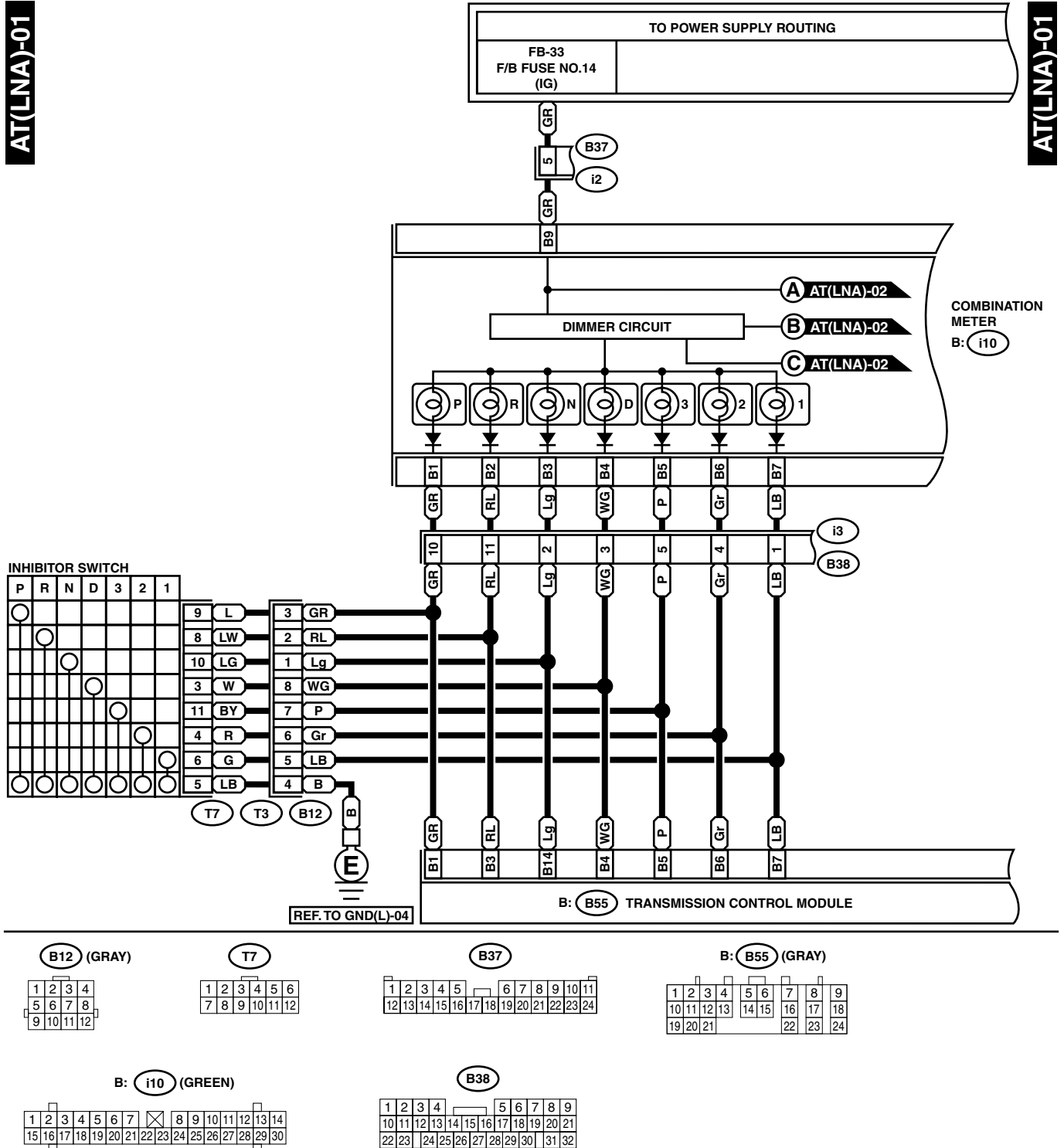


WI-00286

8. A/T Control System

A: SCHEMATIC

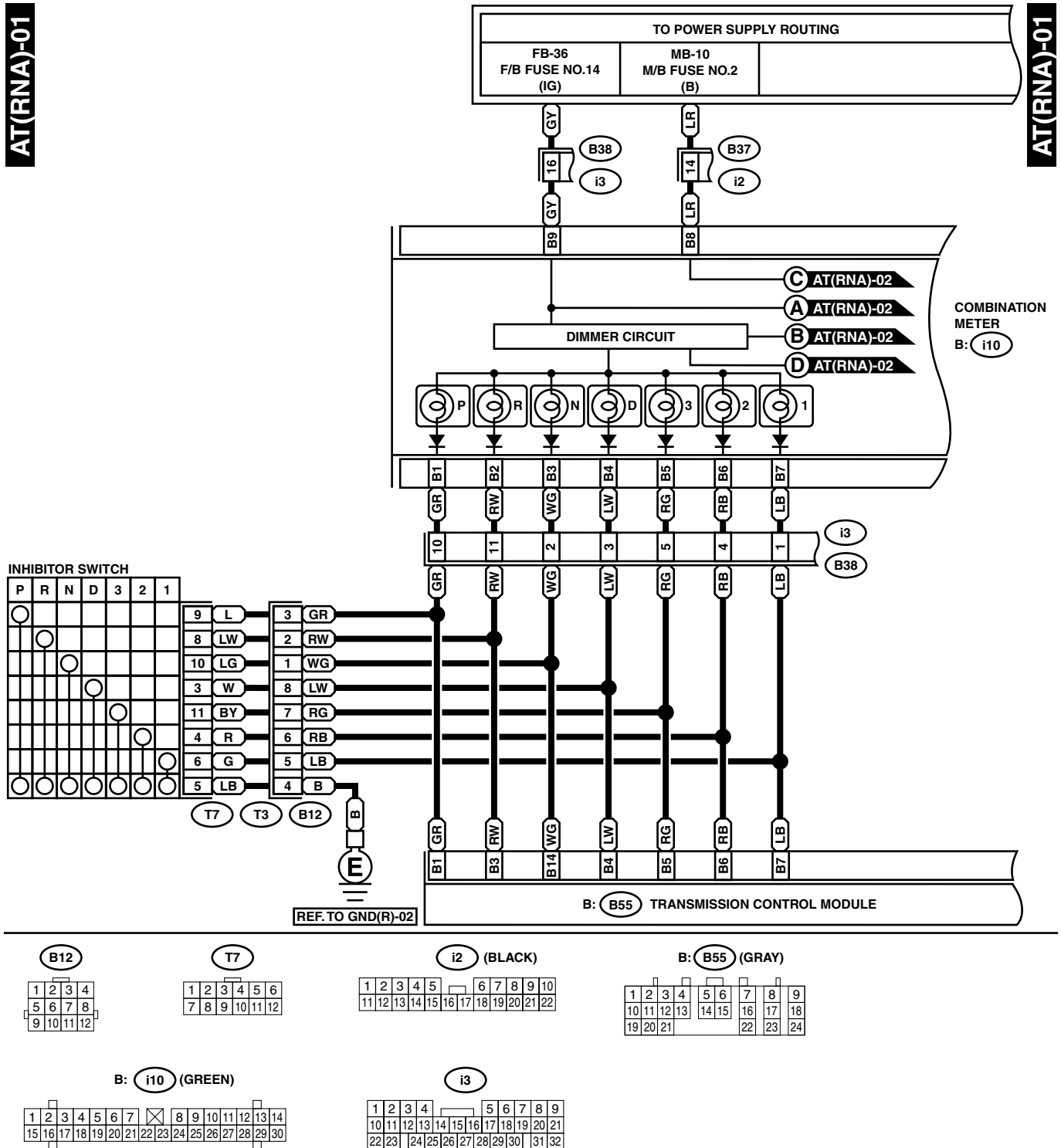
1. LHD NON-TURBO MODEL



3. RHD NON-TURBO MODEL

AT(RNA)-01

AT(RNA)-01



WI-00715

WIRING SYSTEM

