WIRING SYSTEM SECTION

This service manual has been prepared to provide SUBARU service personnel with the necessary information and data for the correct maintenance and repair of SUBARU vehicles.
This manual includes the procedures for maintenance, disassembling, reassembling, inspection and adjustment of components and diagnostics for guidance of experienced mechanics.
Please peruse and utilize this manual fully to ensure complete repair work for satisfying our customers by keeping their vehicle in optimum condition. When replacement of parts during repair work is needed, be sure to use SUBARU genuine parts.

All information, illustration and specifications contained in this manual are based on the latest product information available at the time of publication approval.

FUJI HEAVY INDUSTRIES LTD. G2320GE8

WIRING SYSTEM

WI

1. Basic Diagnostic Procedure

A: BASIC PROCEDURES

1. GENERAL DESCRIPTION

The most important purpose of diagnostics is to determine which part is malfunctioning quickly, to save time and labor.

2. IDENTIFICATION OF TROUBLE SYMPTOM

Determine what the problem is based on the symptom.

3. PROBABLE CAUSE OF TROUBLE

Look at the wiring diagram and check the system's circuit. Then check the switch, relay, fuse, ground, etc.

4. LOCATION AND REPAIR OF TROUBLE

1) Using the diagnostics, narrow down the causes.
2) If necessary, use a voltmeter, ohmmeter, etc.
3) Before replacing certain component parts (switch, relay, etc.), check the power supply, ground, for open wiring harness, poor connectors, etc. If no problem is encountered, check the component parts.

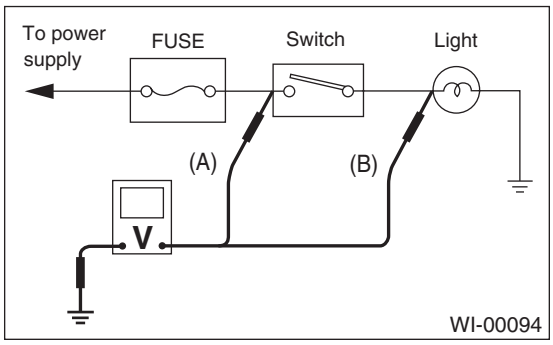
5. SYSTEM OPERATION CHECK

After repairing, ensure that the system operates properly.

B: BASIC INSPECTION

1. VOLTAGE MEASUREMENT

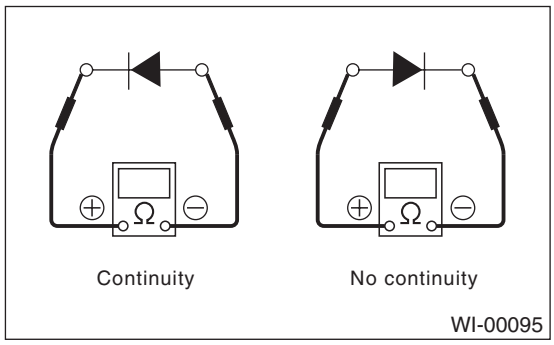
1) Using a voltmeter, connect the negative lead to a good ground point or negative battery terminal and the positive lead to the connector or component terminal.
2) Contact the positive lead of the voltmeter on connector (A). The voltmeter will indicate a voltage.
3) Shift the positive lead to connector (B). The voltmeter will indicate no voltage.



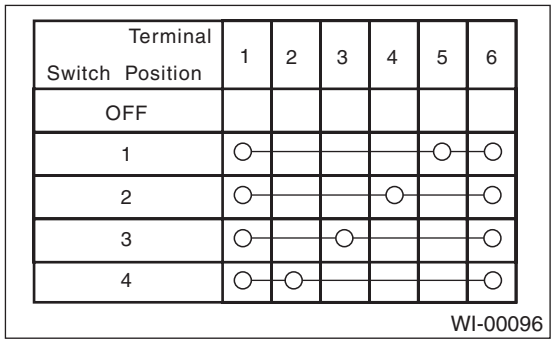
4) With the test set-up held as it is, turn the switch ON. The voltmeter will indicate a voltage and, at the same time, the light will come on.
5) The circuit is in good order. If a problem such as a light failing to illuminate occurs, use the procedures outlined above to track down the malfunction.

2. CIRCUIT CONTINUITY CHECKS

1) Disconnect the battery terminal or connector so there is no voltage between the check points.
Contact the two leads of an ohmmeter to each of the check points.
If the circuit has diodes, reverse the two leads and check again.
2) Use an ohmmeter to check for diode continuity.
When contacting the negative lead to the diode positive side and the positive lead to the negative side, there should be continuity.
When contacting the two leads in reverse, there should be no continuity.

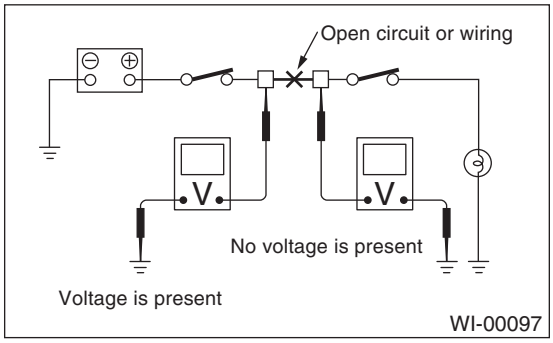


3) Symbol "❍ — ❍" indicates that continuity exists between two points or terminals. For example, when a switch position is at "3", continuity exists among terminals 1, 3 and 6, as shown in the table below.

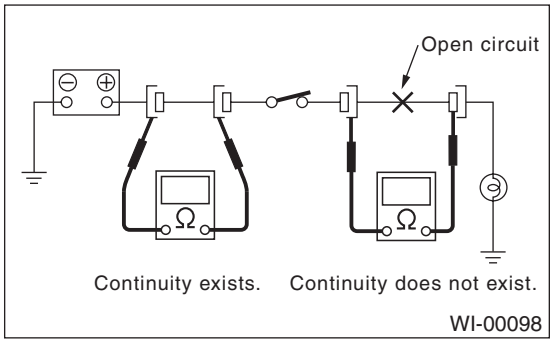


3. HOW TO DETERMINE AN OPEN CIRCUIT

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.

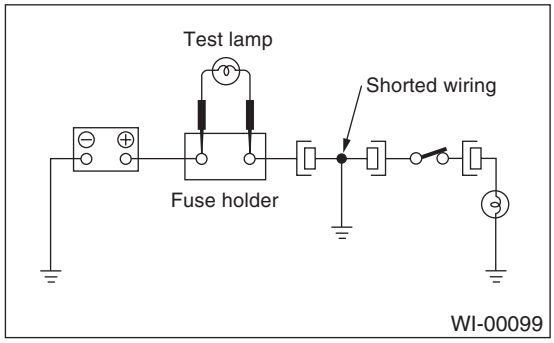


2) WITH OHMMETER:
Disconnect all connectors affected, and check continuity in the wiring between adjacent connectors. When the ohmmeter indicates “infinite”, the wiring is open.

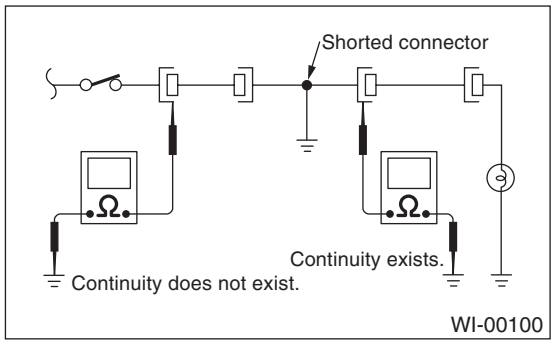


4. HOW TO DETERMINE A SHORT CIRCUIT

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.

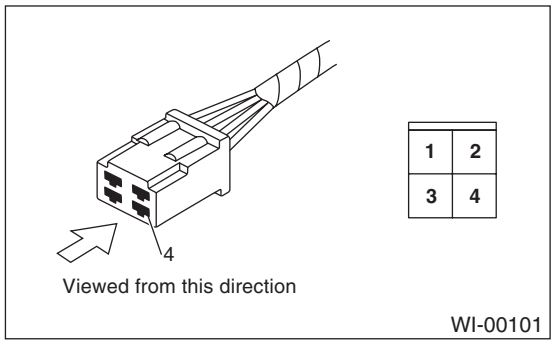


C: HOW TO READ WIRING DIAGRAMS

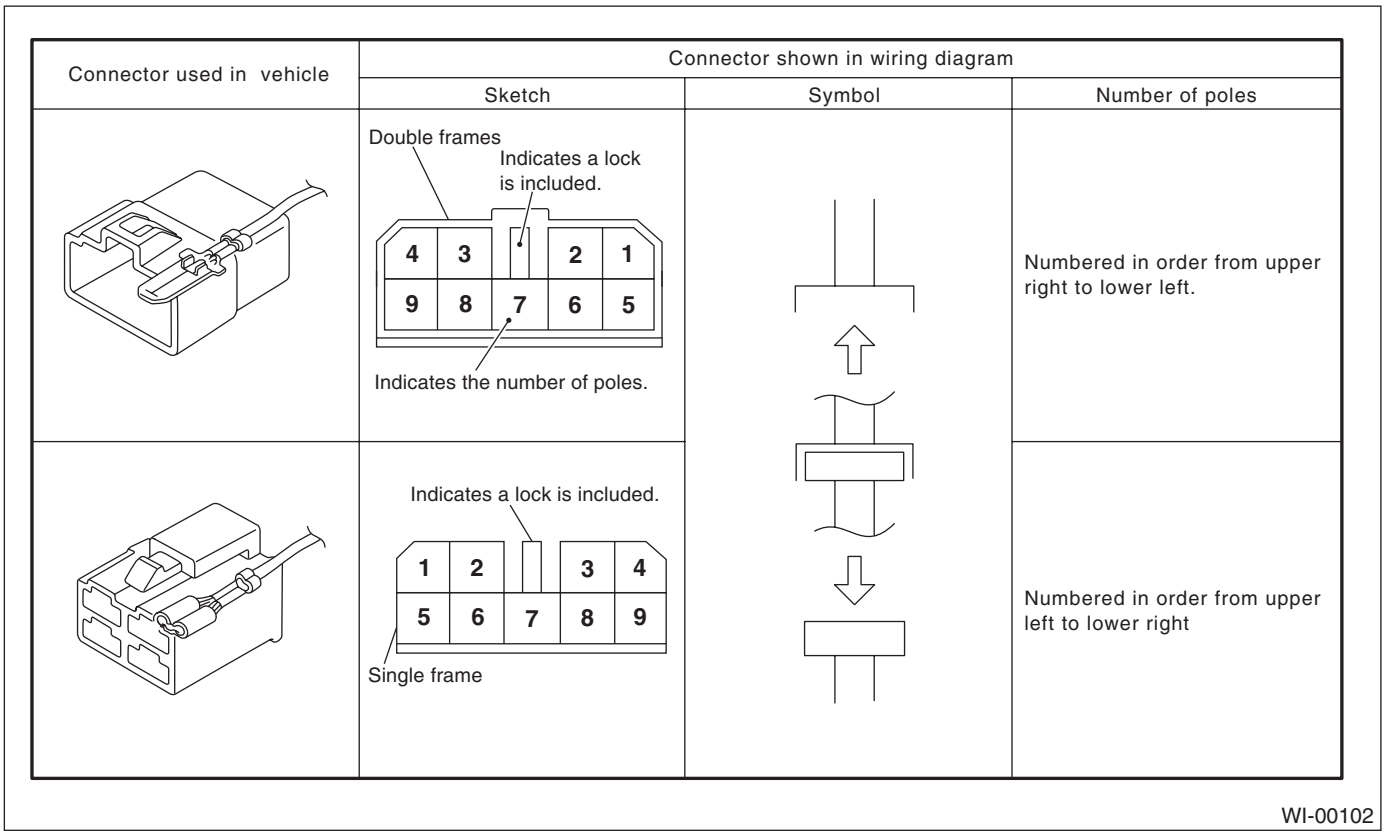
1. WIRING DIAGRAM

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:

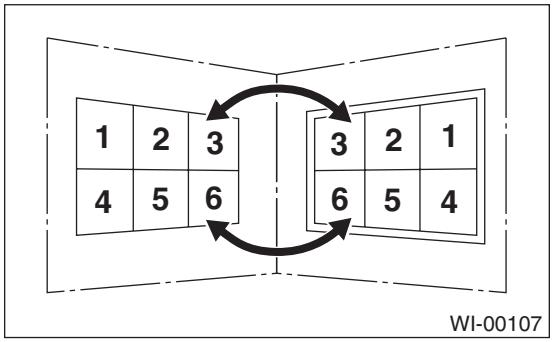
- Each connector and its terminal position are indicated by a sketch of the connector in a disconnected state which is viewed from the front.



• 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.



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



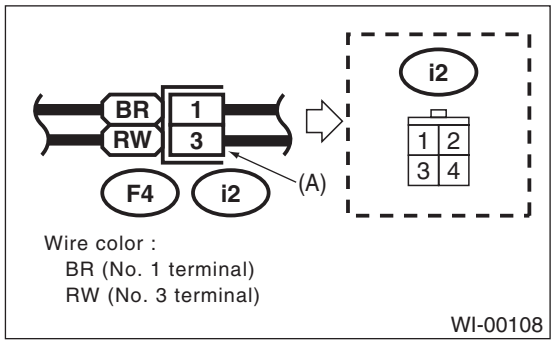
• WIRING DIAGRAM:

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

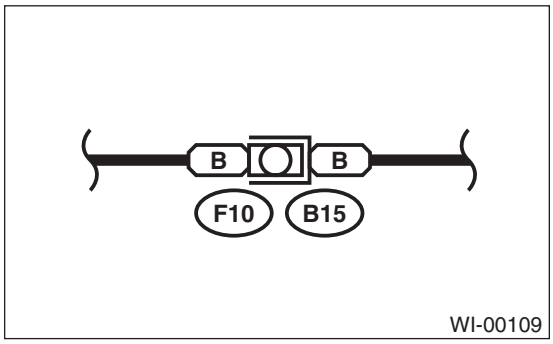
• The sketch of each connector in the wiring diagram usually shows the (A) side of the connector. The relationship between the wire color, terminal number and connector is described in the figure.

NOTE:

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

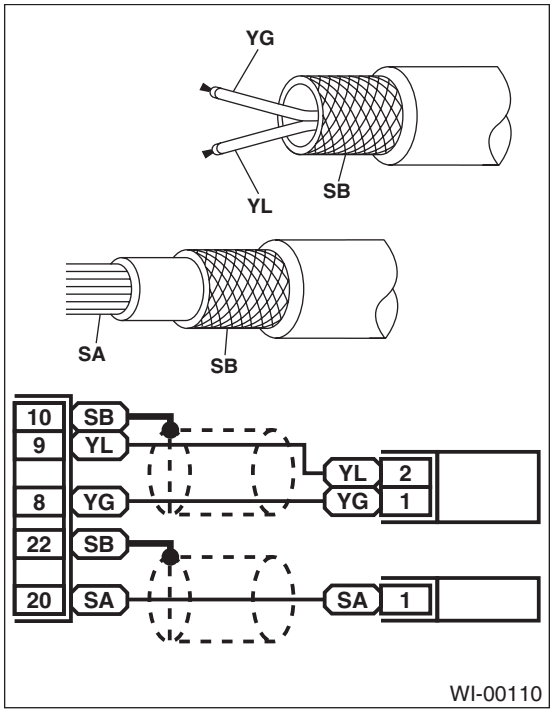


• In the wiring diagram, connectors which have no terminal number refer to one-pole types. Sketches of these connectors are omitted intentionally.

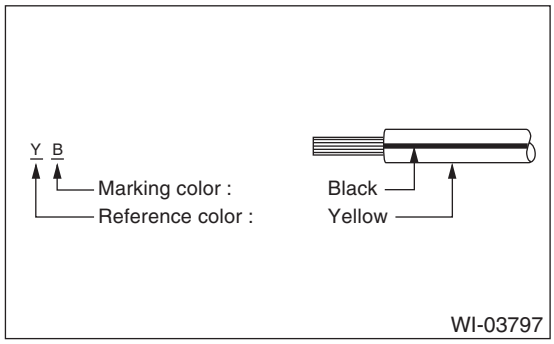


• The following color codes are used to indicate the colors of the wires.

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



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



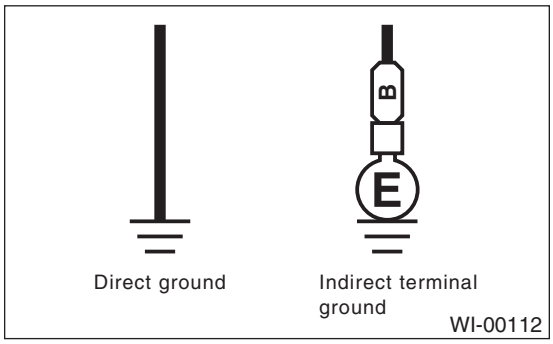
• The table lists the nominal sectional areas and allowable currents of the wires.

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

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

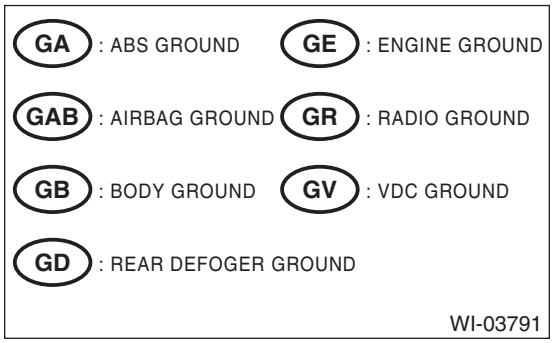
Nominal sectional area mm^2	No. of strands/ strand diameter	Outside diameter of wiring mm	Allowable current Amps/ 40°C (104°F)
0.3	7/0.26	1.8	7
0.5	7/0.32	2.2 (or 2.0)	12
0.75	30/0.18	2.6 (or 2.4)	16
0.85	11/0.32	2.4 (or 2.2)	16
1.25	16/0.32	2.7 (or 2.5)	21
2	26/0.32	3.1 (or 2.9)	28
3	41/0.32	3.8 (or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

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



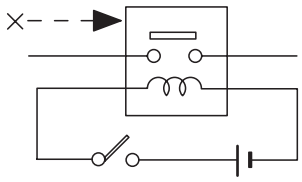
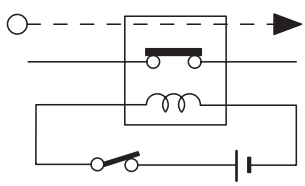
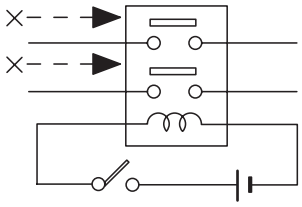
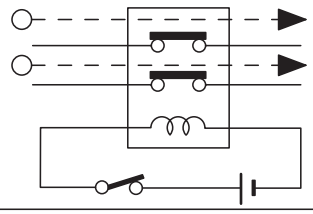
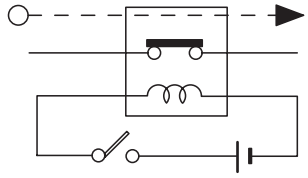
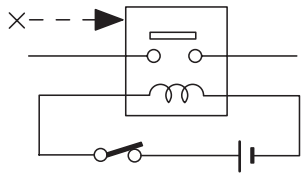
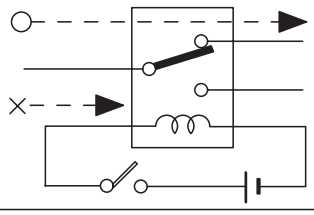
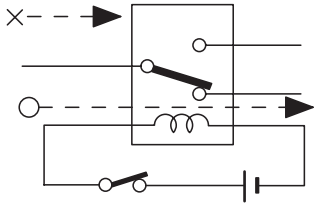
• The ground points shown in the wiring diagram refer to the following:

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



- 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.

Relay type		Energizing circuit OFF	Energizing circuit ON
Normally-open type	4-pole		
	6-pole		
Normally-closed type	4-pole		
Mixed type	6-pole		

Key to symbols:

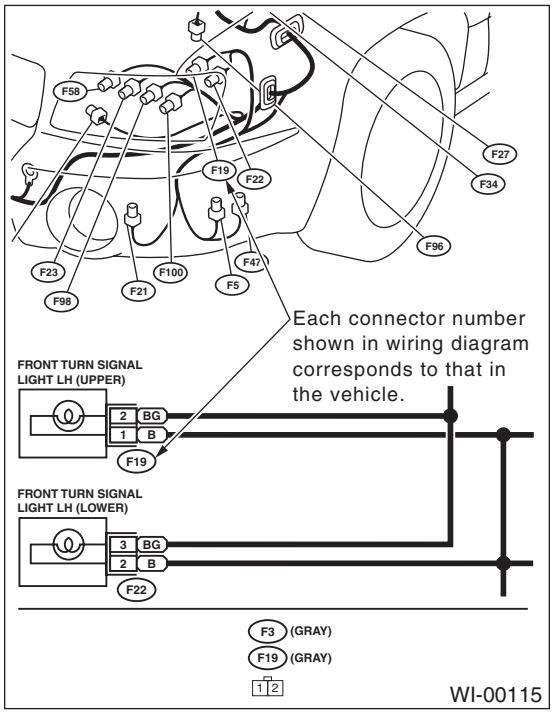
○ ⟶ : Current flows.

× ⟶ : Current does not flow.

WI-00114

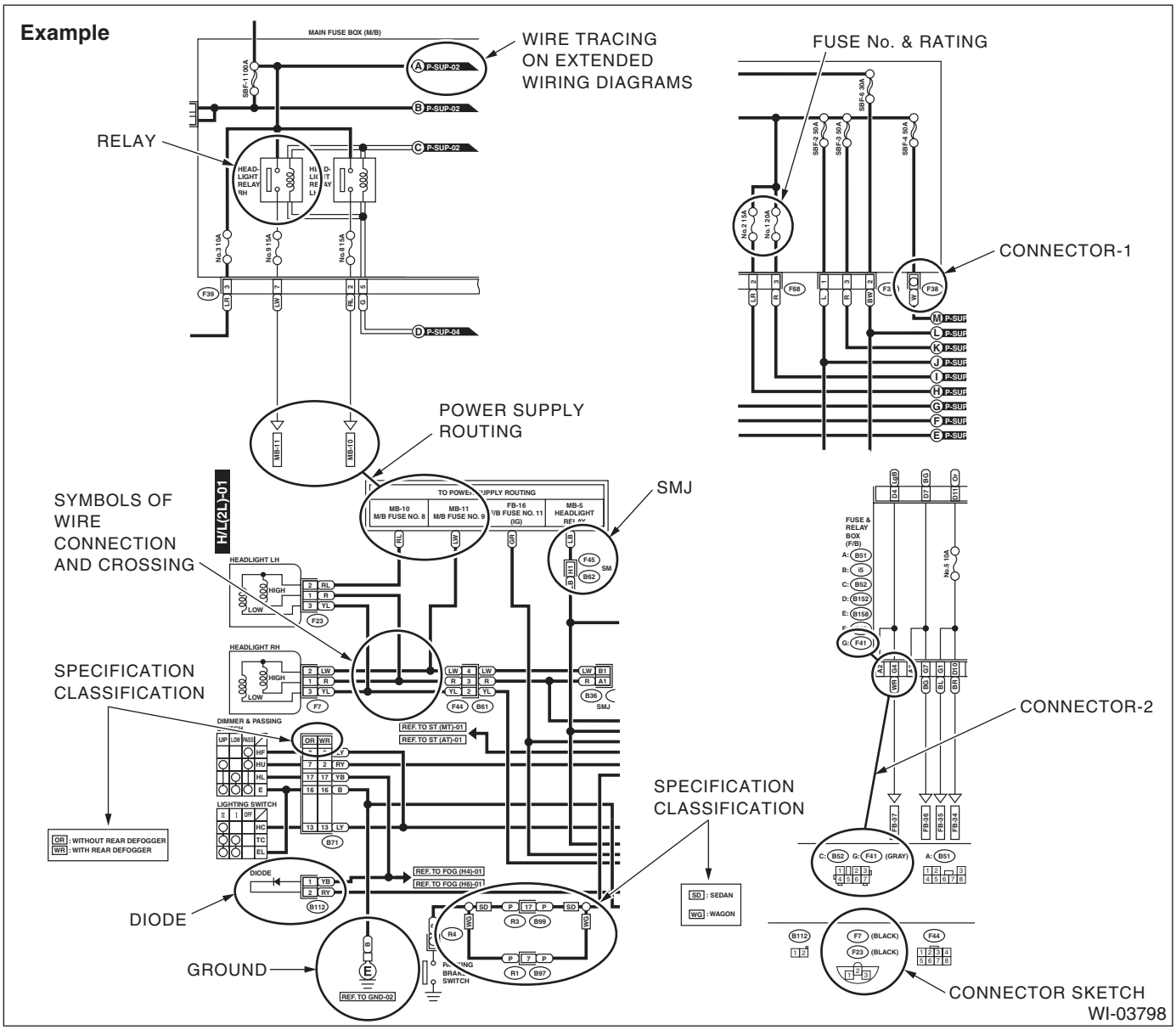
• Each connector number shown in the wiring diagram corresponds to that in the wiring harness. The location of each connector in the actual vehicle is determined by reading the first character of the connector (for example, a “F” for F8, “i” for i16, etc.) and the type of wiring harness. The first character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

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



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.

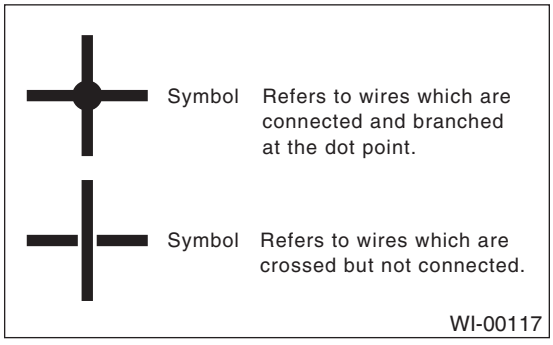
8. DIODE

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 ←→ A, B ←→ B

10.SYMBOLS OF WIRE CONNECTION AND CROSSING



11.DC POWER SUPPLY CIRCUIT

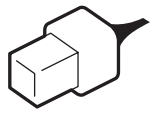
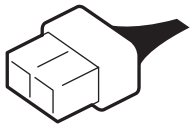
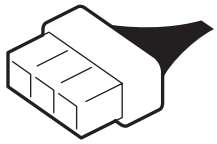
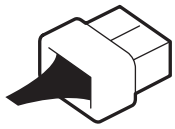
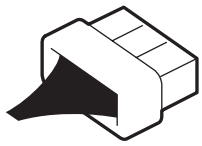
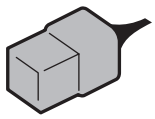
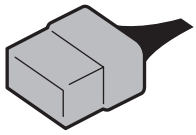
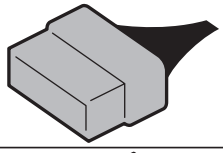
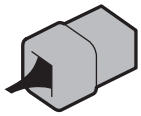
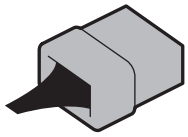
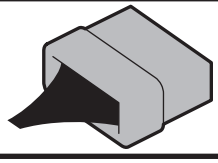
A symbol is used to indicate the power supply in each wiring diagram.
“MB-5”, “MB-6”, etc., which are used as power-supply symbols throughout the text, correspond with those shown in the “DC POWER SUPPLY CIRCUIT” in the wiring diagram.
Accordingly, using the “DC POWER SUPPLY CIRCUIT” and wiring diagrams permits service personnel to understand the entire electrical arrangement of a system.

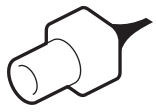
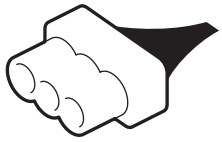
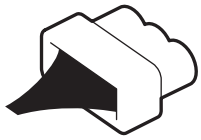
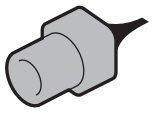
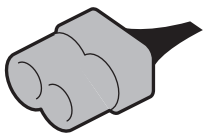
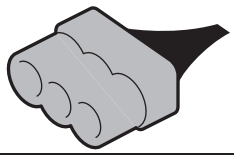
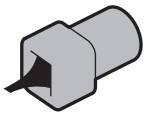
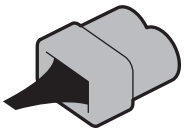
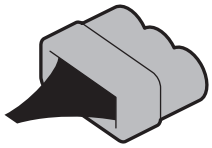
12.CLASSIFICATION BY SPECIFICATION

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

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		
		
		

WI-02445

F: ABBREVIATION IN WIRING DIAGRAMS

Abbr.	Full name
ABS	Antilock Brake System
ACC	Accessory
A/C	Air conditioner
AD	Auto Down
AT	Automatic transmission
AU	Auto Up
A/B	Airbag
A/F	Air/Fuel (Air fuel ratio sensor)
ATF	Automatic transmission fluid
AWD	All Wheel Drive
B, BAT	Battery
CPC	Canister Purge Control
D	Drive Range
DN	Down
E	Ground
ELR	Emergency Locking Retractor
F/B	Fuse & Relay box
FL1.5	Fusible Link 1.5 mm^2
H/L	Headlight
I/F	Interface
IG	Ignition
Illumi.	Illumination
INT	Intermittent
LH	Left Hand
Lo	Low
M	Motor
M/B	Main fuse box
MG	Magnet
Mi	Middle
MT	Manual transmission
N	Neutral Range
OCV	Oil flow control solenoid valve
OP	Optional Parts or Open
P	Parking Range
PASS	Passing
R	Reverse Range
RH	Right Hand
SBF	Slow Blow Fuse
ST	Starter
SW	Switch
TGV	Tumble generated valve
U, UP	Up
VDC	Vehicle Dynamics Control
VVL	Variable Valve Lift
WASH	Washer

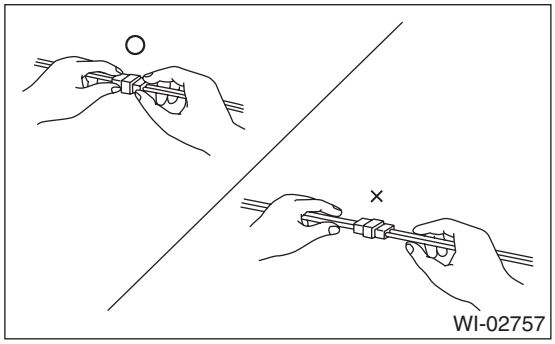
2. Working Precautions

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

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

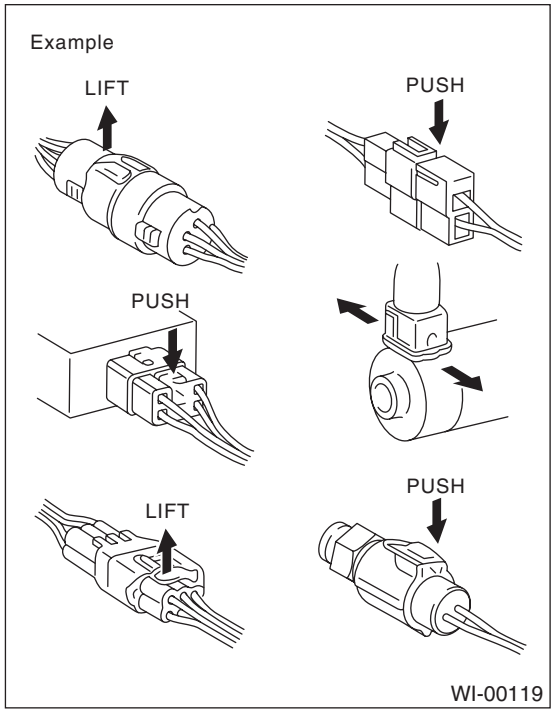
B: PRECAUTIONS IN TROUBLE DIAGNOSIS AND REPAIR OF ELECTRIC PARTS

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

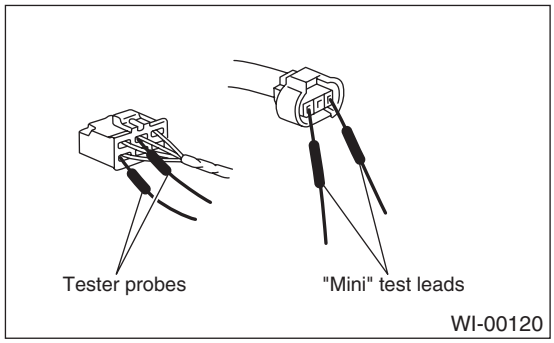


5) Some connectors are provided with a lock. One type of such a connector is disconnected by pushing the lock, and the other, by moving the lock up. In either type the lock shape must be identified before attempting to disconnect the connector.

To connect, insert the connector until it snaps and confirm that it is tightly connected.



6) When checking continuity between connector terminals, or measuring voltage across the terminal and ground, always contact tester probe(s) on terminals from the wiring connection side. If the probe is too thick to gain access to the terminal, use "mini" test leads.
To check water-proof connectors (which are not measurable from the wiring side), contact test probes on the terminal side. Be careful not to bend or damage the terminals.



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

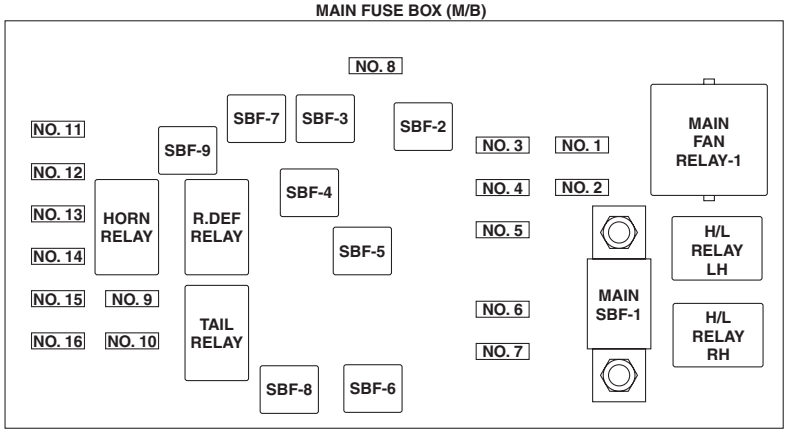
3. Power Supply Circuit

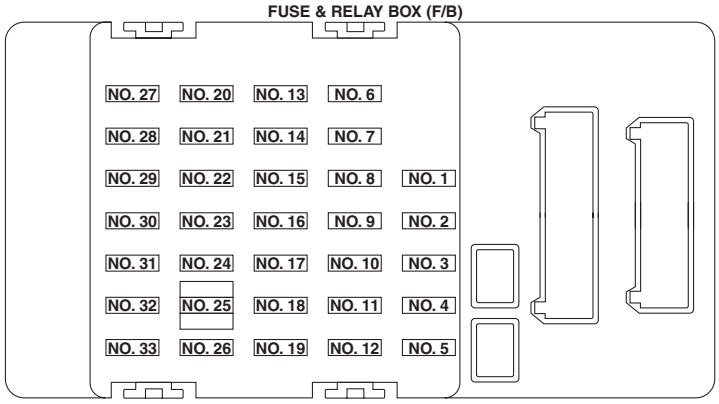
A: WIRING DIAGRAM

1. LHD MODEL

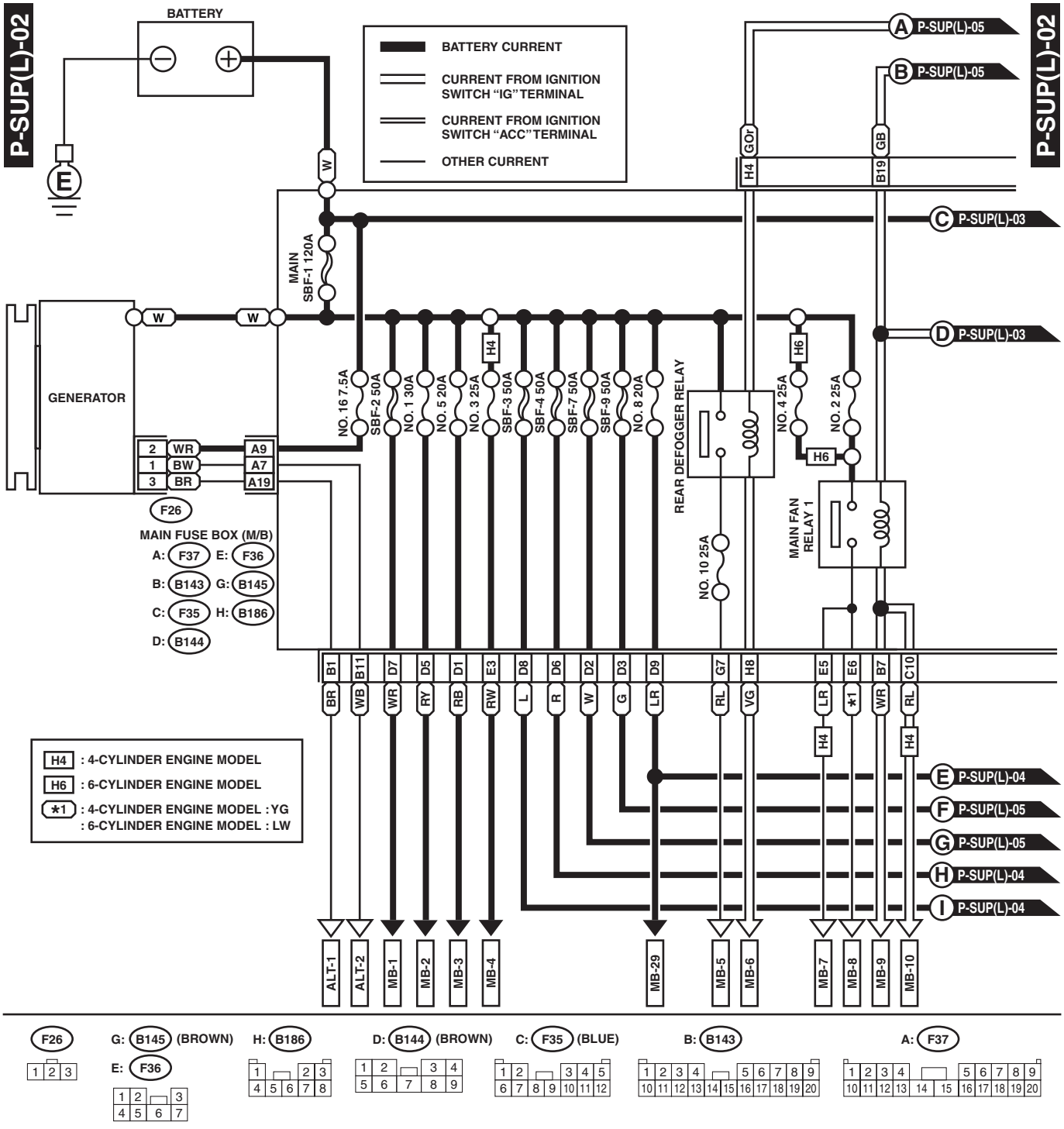
P-SUP(L)-01

P-SUP(L)-01



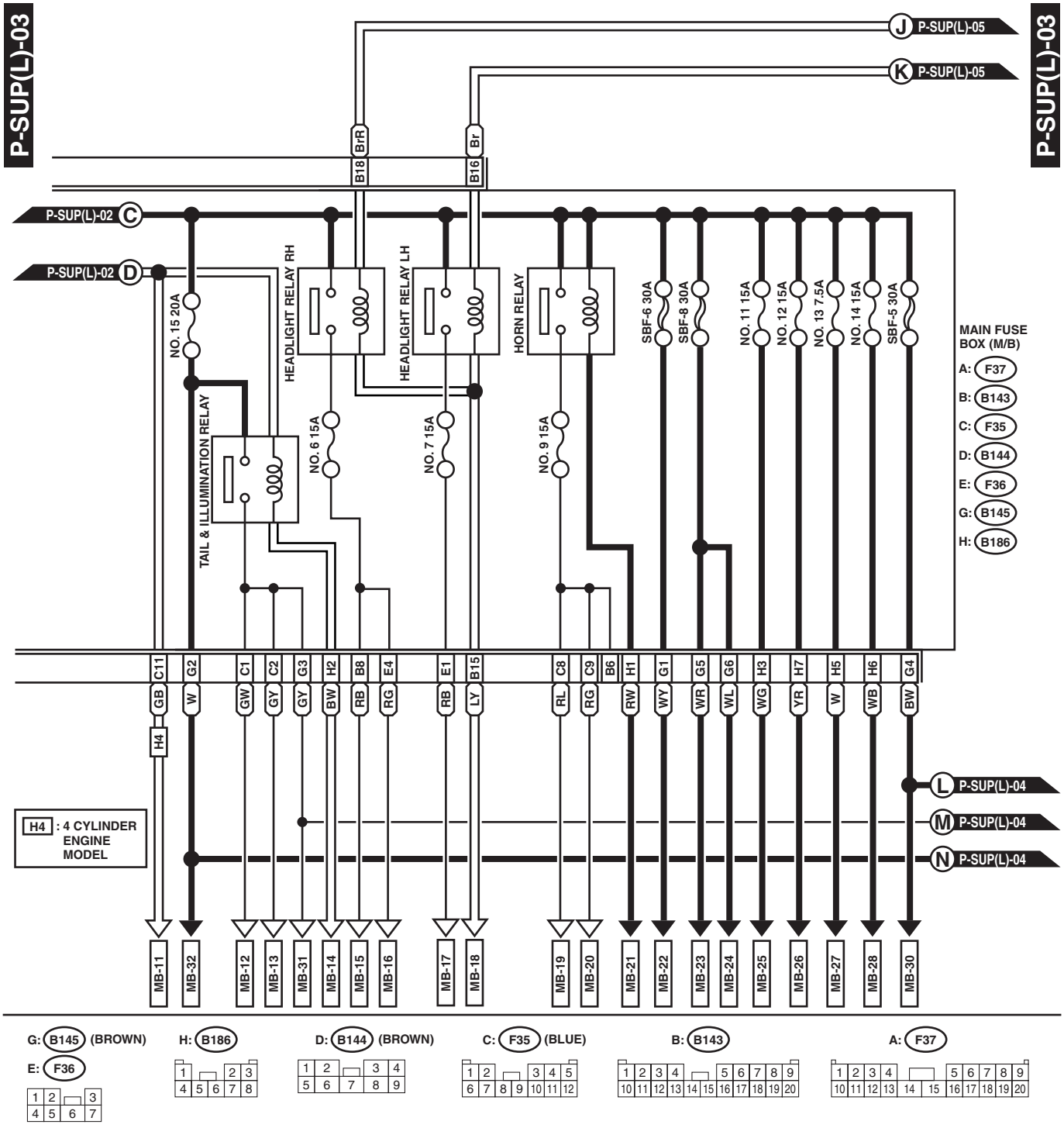


WI-03895

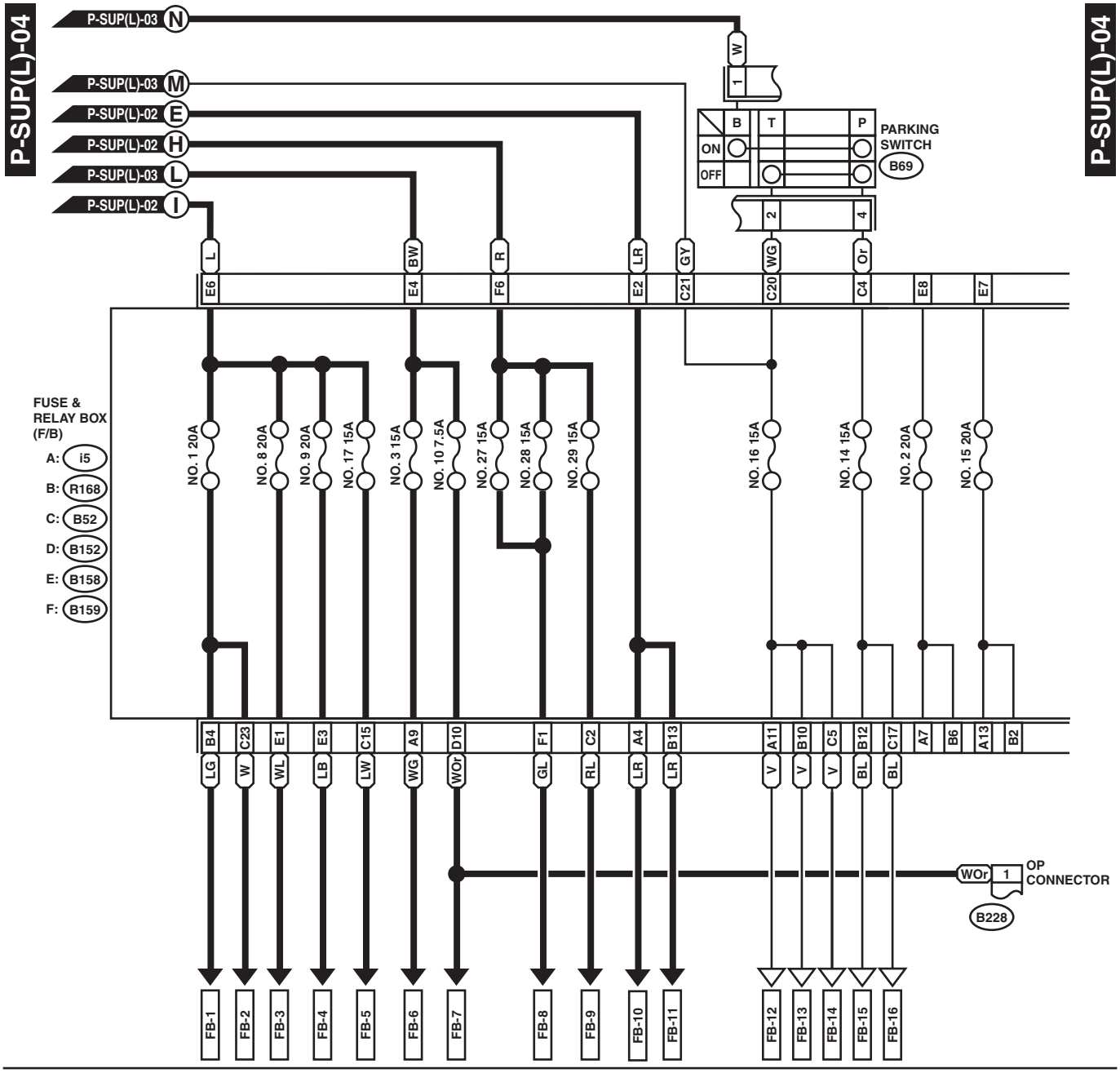

P-SUP(L)-02
BATTERY
BATTERY CURRENT
CURRENT FROM IGNITION SWITCH "IG" TERMINAL
CURRENT FROM IGNITION SWITCH "ACC" TERMINAL
OTHER CURRENT
A P-SUP(L)-05
B P-SUP(L)-05
C P-SUP(L)-03
D P-SUP(L)-03
E P-SUP(L)-04
F P-SUP(L)-05
G P-SUP(L)-05
H P-SUP(L)-04
I P-SUP(L)-04
MAIN SBF-1 120A
GENERATOR
NO. 16 7.5A
SBF-2 50A
NO. 1 30A
NO. 5 20A
NO. 3 25A
SBF-3 50A
SBF-4 50A
SBF-7 50A
SBF-9 50A
NO. 8 20A
REAR DEFOGGER RELAY
NO. 10 25A
NO. 4 25A
NO. 2 25A
MAIN FAN RELAY 1
MAIN FUSE BOX (M/B)
A: F37 E: F36
B: B143 G: B145
C: F35 H: B186
D: B144
H4 : 4-CYLINDER ENGINE MODEL
H6 : 6-CYLINDER ENGINE MODEL
*1 : 4-CYLINDER ENGINE MODEL : YG
: 6-CYLINDER ENGINE MODEL : LW
ALT-1
ALT-2
MB-1
MB-2
MB-3
MB-4
MB-29
MB-5
MB-6
MB-7
MB-8
MB-9
MB-10
F26
G: B145 (BROWN)
H: B186
D: B144 (BROWN)
C: F35 (BLUE)
B: B143
A: F37
E: F36

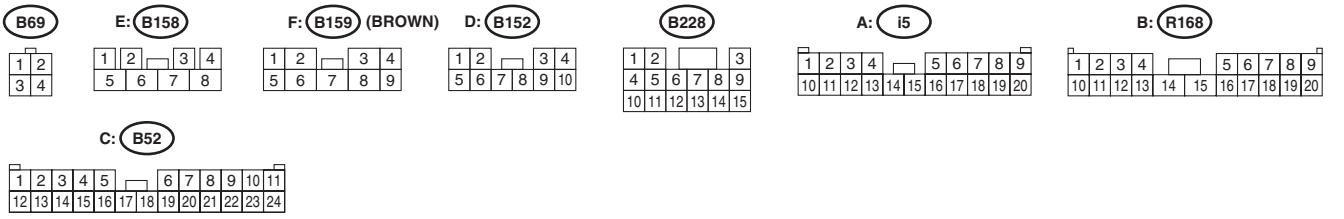
WI-03896

Power Supply Circuit



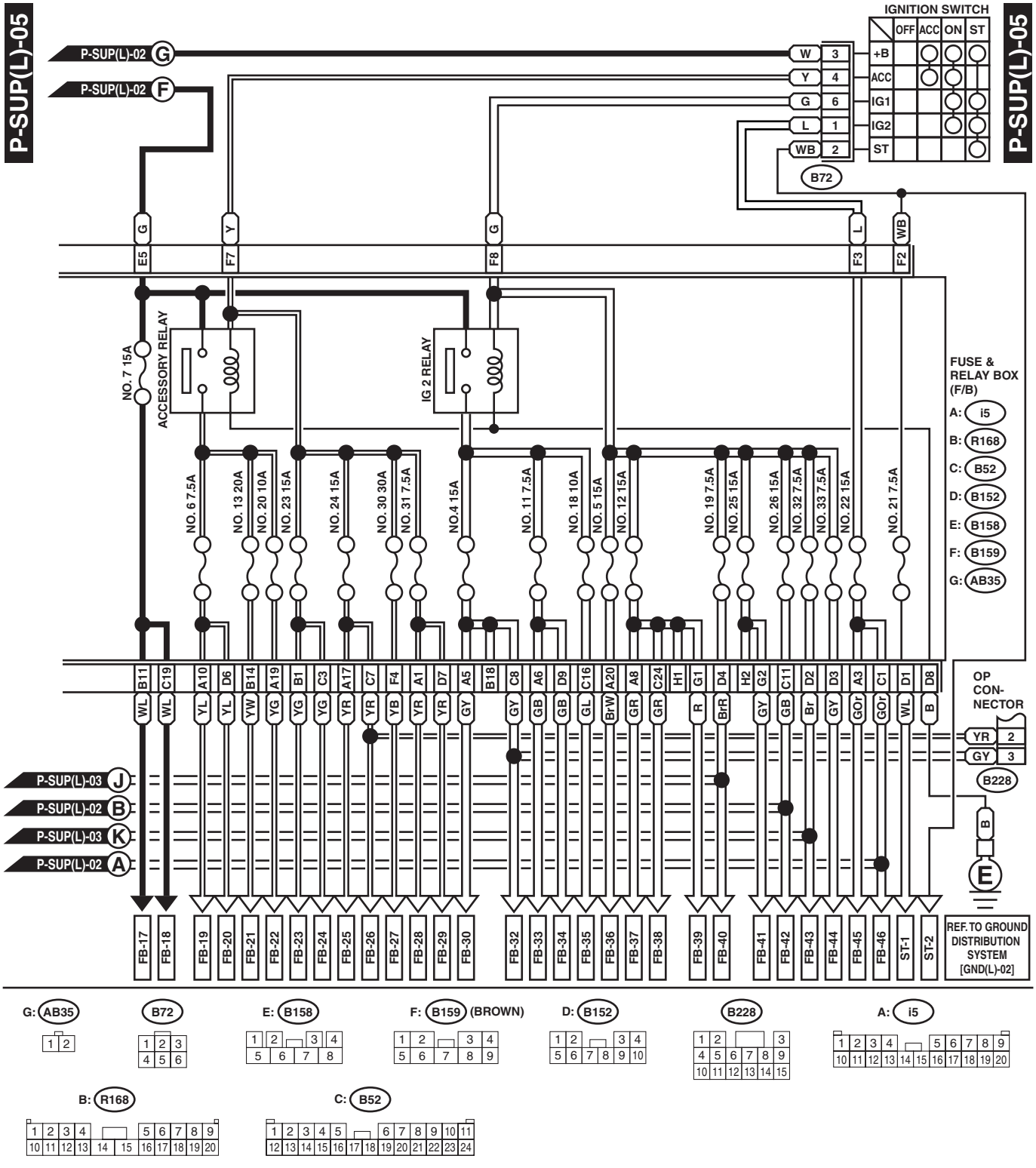
WI-03897


P-SUP(L)-04
P-SUP(L)-03 N
P-SUP(L)-03 M
P-SUP(L)-02 E
P-SUP(L)-02 H
P-SUP(L)-03 L
P-SUP(L)-02 I
P-SUP(L)-04
W
1
B T P
ON
OFF
PARKING SWITCH
B69
2 4
L BW R LR GY WG Or
E6 E4 F6 E2 C21 C20 C4 E8 E7
FUSE & RELAY BOX (F/B)
A: i5
B: R168
C: B52
D: B152
E: B158
F: B159
NO. 1 20A
NO. 8 20A
NO. 9 20A
NO. 17 15A
NO. 3 15A
NO. 10 7.5A
NO. 27 15A
NO. 28 15A
NO. 29 15A
NO. 16 15A
NO. 14 15A
NO. 2 20A
NO. 15 20A
B4 C23 E1 E3 C15 A9 D10 F1 C2 A4 B13 A11 B10 C5 B12 C17 A7 B6 A13 B2
LG W WL LB LW WG WOr GL RL LR LR V V V BL BL
WOr 1
OP CONNECTOR
B228
FB-1 FB-2 FB-3 FB-4 FB-5 FB-6 FB-7 FB-8 FB-9 FB-10 FB-11 FB-12 FB-13 FB-14 FB-15 FB-16


B69
E: B158
F: B159 (BROWN)
D: B152
B228
A: i5
B: R168
C: B52

WI-03898

Power Supply Circuit



WI-03899

No.	Load
MB-1	ABS control module VDC control module
MB-2	ABS control module VDC control module
MB-4	Sub fan relay
MB-5	Mirror heater relay Rear defogger
MB-6	Body integrated unit
MB-7	Main fan relay 2
MB-8	Main fan motor PWM controller
MB-9	ECM
MB-10	Main fan relay 2
MB-11	Main fan relay 2
MB-12	Headlight leveler LH
MB-13	Headlight leveler RH
MB-14	Lighting switch OP connector
MB-15	Body integrated unit Combination meter
MB-16	Headlight LH
MB-17	Headlight RH
MB-18	Dimmer/Passing switch Lighting diode OP connector
MB-19	Horn (HI)
MB-20	Horn (LO)
MB-21	Body integrated unit Horn switch
MB-22	Oxygen (A/F) sensor relay Main relay
MB-23	Oxygen (A/F) sensor relay Main relay Main relay 2
MB-24	Electronic throttle control relay
MB-25	Fuel pump relay
MB-26	TCM
MB-27	Data link connector ECM
MB-28	Body integrated unit Key switch illumination Key warning switch Turn signal and hazard unit
MB-29	Auto A/C control unit Body integrated unit Interior light Spot map light
MB-30	Power window circuit breaker
MB-31	F/B fuse No. 16 Headlight leveler switch Parking light switch
MB-32	Parking light switch
ALT-1	ECM
ALT-2	Combination meter OP connector

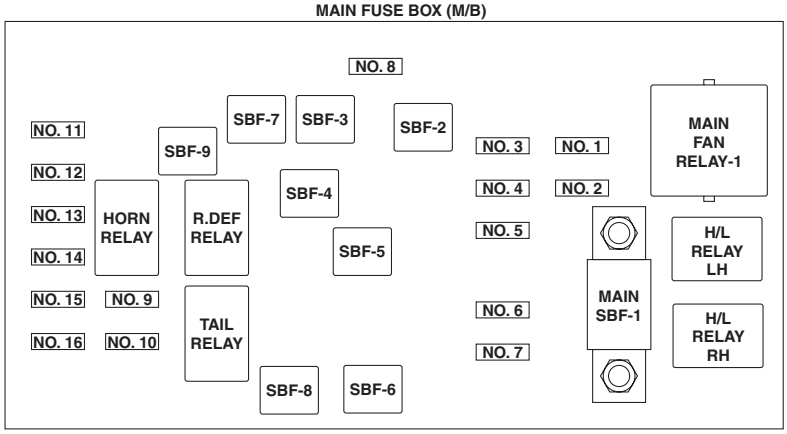
No.	Load
ST-1	ECM (AT) Starter relay
ST-2	Starter relay
FB-2	Rear fog light relay
FB-3	Stop light switch
FB-4	Mirror heater relay Wiper deicer relay
FB-5	Seat heater relay
FB-6	Body integrated unit
FB-8	Blower fan relay
FB-9	Front fog light relay
FB-10	Audio Clock Keyless entry control module Navigation unit Step light LH Step light RH TV monitor
FB-11	Luggage room light (Wagon model) Trunk room light (Sedan model)
FB-12	Clock
FB-13	Seat heater switch
FB-14	Front fog light relay Rear fog light relay OP connector
FB-17	Combination meter
FB-18	Body integrated unit LAN unit
FB-19	Remote controlled mirror switch
FB-20	Seat heater relay Vanity mirror illumination LH Vanity mirror illumination RH
FB-21	Luggage room power socket Seat heater switch
FB-22	Front accessory power supply socket
FB-23	Rear wiper motor
FB-24	Body integrated unit Rear washer motor
FB-25	Audio Clock Distributor Navigation unit TV monitor Front washer motor
FB-26	OP connector
FB-27	Front wiper motor Front wiper switch Front washer motor
FB-28	Body integrated unit A/C control panel
FB-29	Auto A/C control unit TCM
FB-30	TV monitor

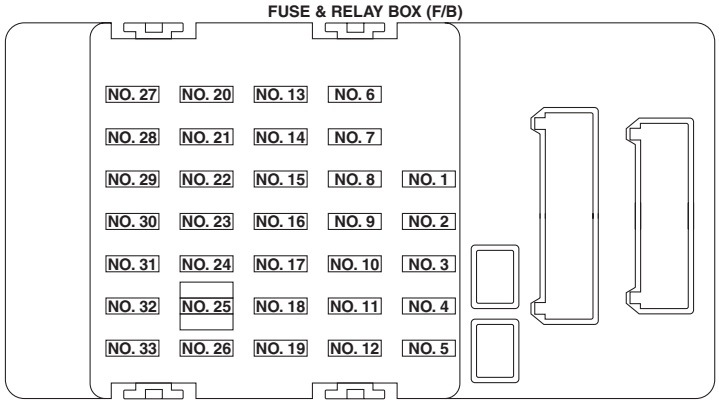
No.	Load
FB-32	Brake switch Clutch switch (MT/Cruise) ECM OP connector Line end check connector Seat belt warning light Sunroof control unit Sunroof switch Wiper deicer relay
FB-33	Clock
FB-34	Turn signal and hazard unit
FB-35	Back-up light relay (5-speed AT model) Back-up light switch (MT model) Inhibitor switch (4-speed AT model)
FB-36	Combination meter
FB-37	Body integrated unit
FB-38	ECM Fuel pump relay Ignition coil & ignitor P-VIGN relay Rear vehicle speed sensor (4-speed AT model) TCM
FB-39	Airbag control module
FB-41	Airbag control module
FB-42	Power window relay
FB-44	ABS control module VDC control module
FB-45	A/C control panel
FB-46	A/C relay Auto A/C control module Blower fan relay FRESH/RECIRC actuator Mode actuator Pressure switch Sub fan relay Heater cock solenoid

2. RHD MODEL

P-SUP(R)-01

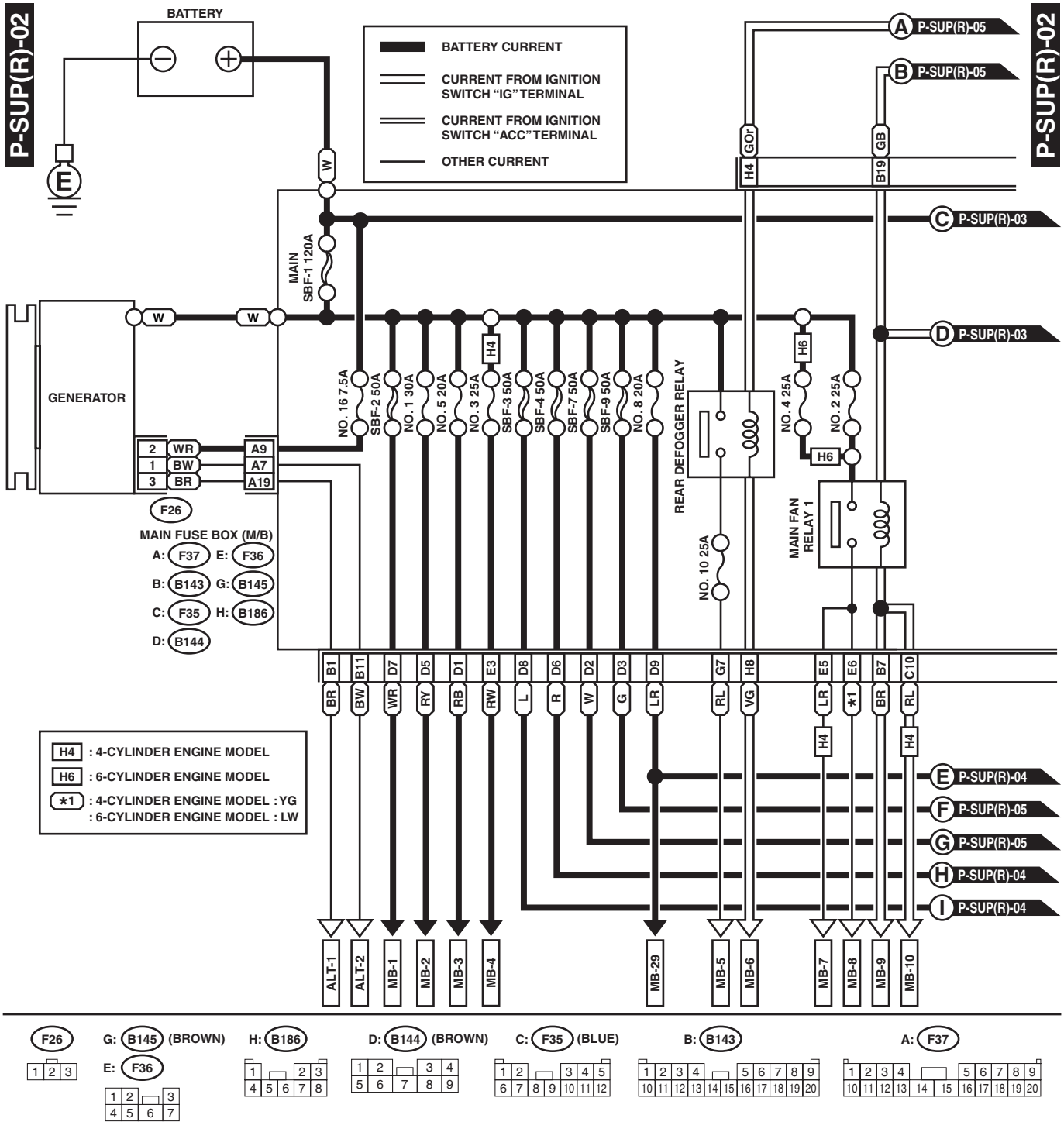
P-SUP(R)-01



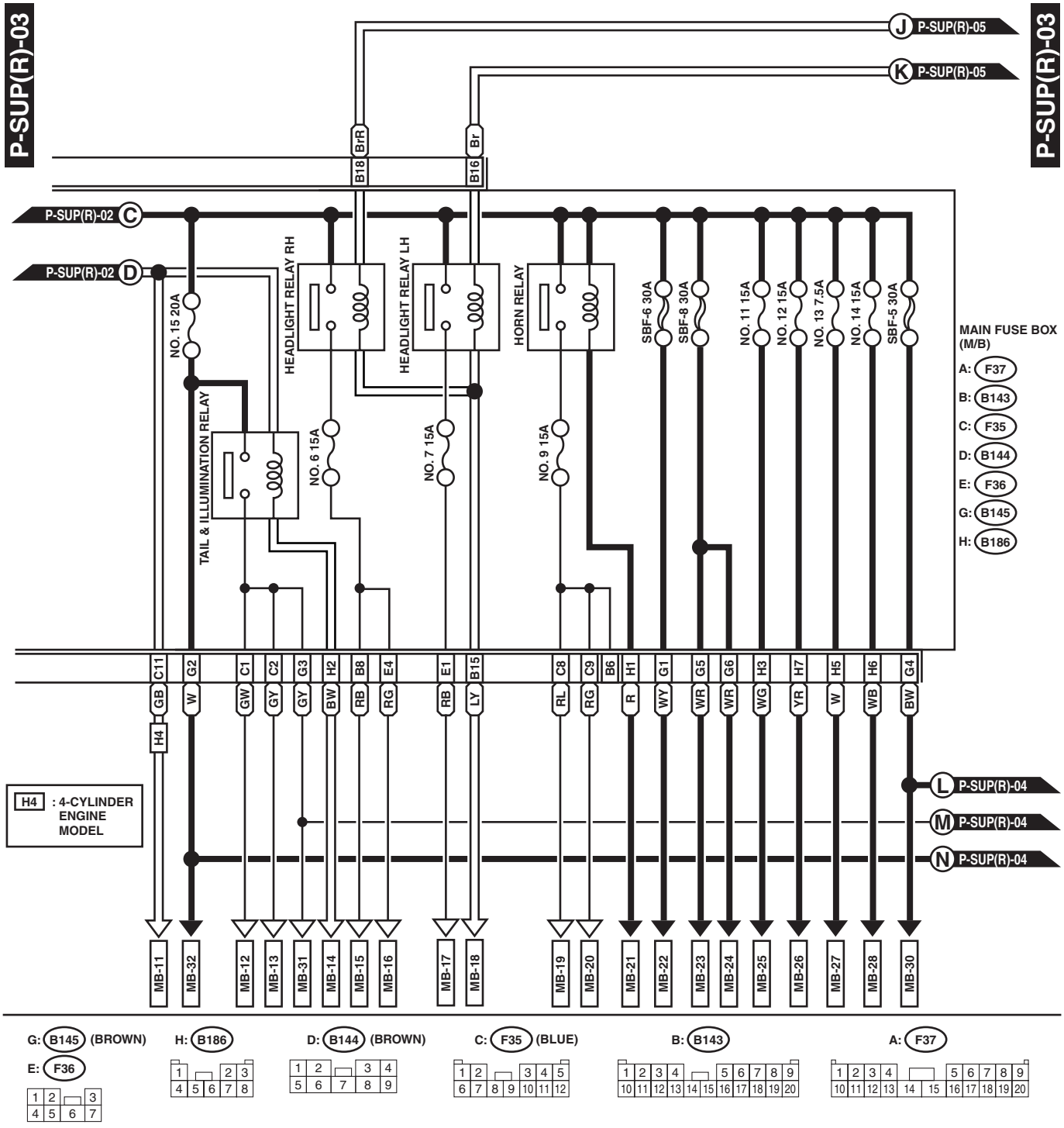


WI-03900

Power Supply Circuit

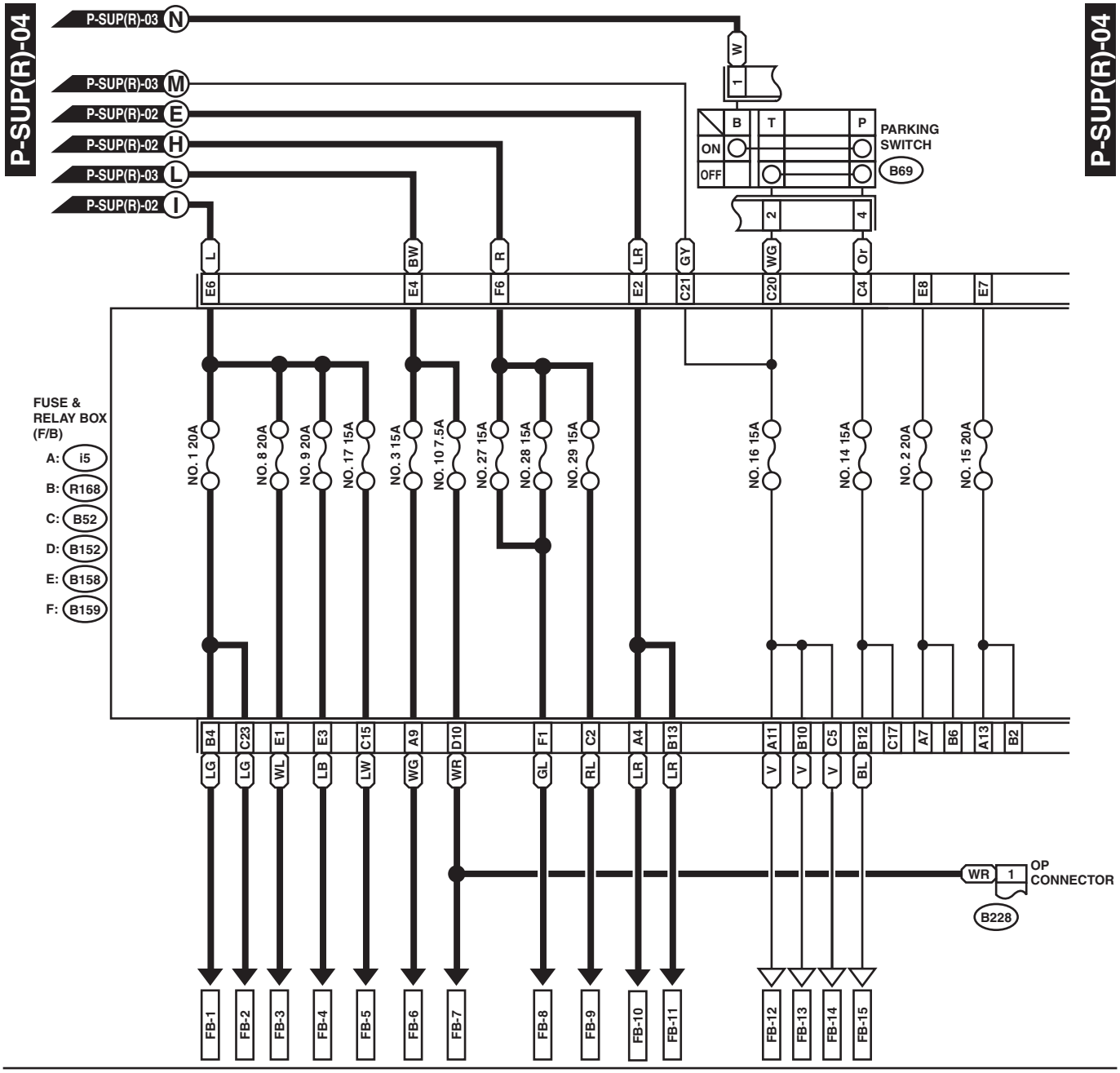


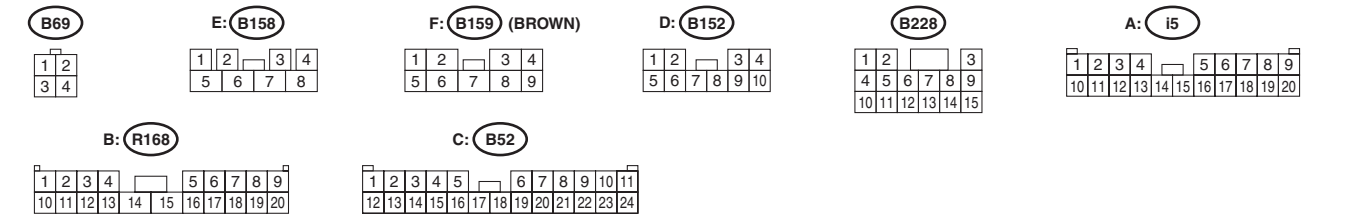
WI-03901


P-SUP(R)-03
P-SUP(R)-03
J P-SUP(R)-05
K P-SUP(R)-05
B18 BrR
B16 Br
P-SUP(R)-02 C
P-SUP(R)-02 D
NO. 15 20A
HEADLIGHT RELAY RH
HEADLIGHT RELAY LH
HORN RELAY
SBF-6 30A
SBF-8 30A
NO. 11 15A
NO. 12 15A
NO. 13 7.5A
NO. 14 15A
SBF-5 30A
TAIL & ILLUMINATION RELAY
NO. 6 15A
NO. 7 15A
NO. 9 15A
MAIN FUSE BOX (M/B)
A: F37
B: B143
C: F35
D: B144
E: F36
G: B145
H: B186
C11 G2 C1 C2 G3 H2 B8 E4 E1 B15 C8 C9 B6 H1 G1 G5 G6 H3 H7 H5 H6 G4
GB W GW GY GY BW RB RG RB LY RL RG R WY WR WR WG YR W WB BW
H4
H4 : 4-CYLINDER ENGINE MODEL
L P-SUP(R)-04
M P-SUP(R)-04
N P-SUP(R)-04
MB-11 MB-32 MB-12 MB-13 MB-31 MB-14 MB-15 MB-16 MB-17 MB-18 MB-19 MB-20 MB-21 MB-22 MB-23 MB-24 MB-25 MB-26 MB-27 MB-28 MB-30
G: B145 (BROWN)
E: F36
H: B186
D: B144 (BROWN)
C: F35 (BLUE)
B: B143
A: F37

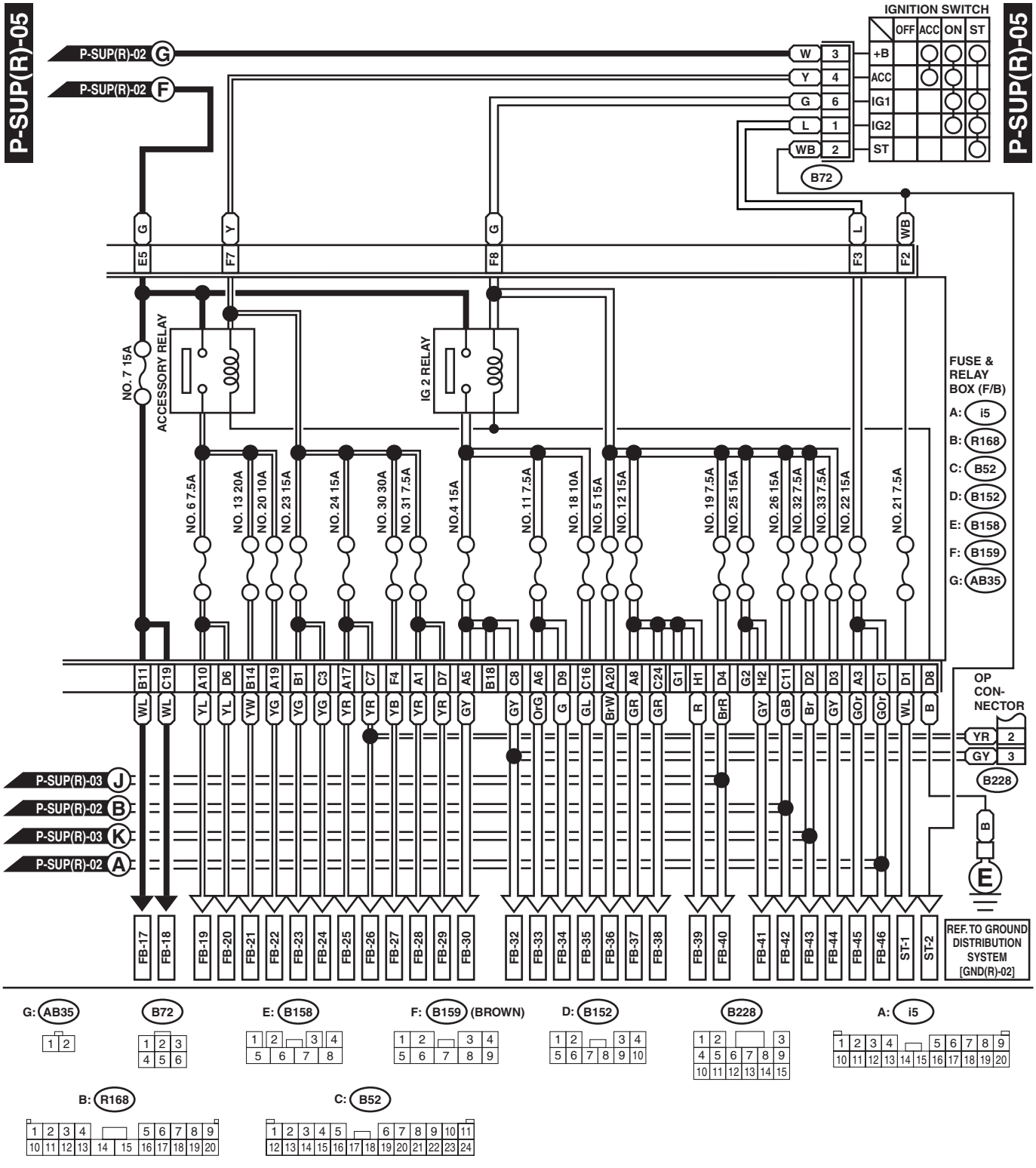
WI-03902

Power Supply Circuit





WI-03903


P-SUP(R)-05
P-SUP(R)-02 G
P-SUP(R)-02 F
IGNITION SWITCH
OFF ACC ON ST
+B ACC IG1 IG2 ST
W 3
Y 4
G 6
L 1
WB 2
B72
E5 F7 F8 F3 F2
ACCESSORY RELAY
IG 2 RELAY
NO. 7 15A
NO. 6 7.5A
NO. 13 20A
NO. 20 10A
NO. 23 15A
NO. 24 15A
NO. 30 30A
NO. 31 7.5A
NO.4 15A
NO. 11 7.5A
NO. 18 10A
NO. 5 15A
NO. 12 15A
NO. 19 7.5A
NO. 25 15A
NO. 26 15A
NO. 32 7.5A
NO. 33 7.5A
NO. 22 15A
NO. 21 7.5A
FUSE & RELAY BOX (F/B)
A: i5
B: R168
C: B52
D: B152
E: B158
F: B159
G: AB35
OP CON-NECTOR
YR 2
GY 3
B228
P-SUP(R)-03 J
P-SUP(R)-02 B
P-SUP(R)-03 K
P-SUP(R)-02 A
FB-17 FB-18 FB-19 FB-20 FB-21 FB-22 FB-23 FB-24 FB-25 FB-26 FB-27 FB-28 FB-29 FB-30 FB-32 FB-33 FB-34 FB-35 FB-36 FB-37 FB-38 FB-39 FB-40 FB-41 FB-42 FB-43 FB-44 FB-45 FB-46 ST-1 ST-2
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-02]
G: AB35
B72
E: B158
F: B159 (BROWN)
D: B152
B228
A: i5
B: R168
C: B52

WI-03904

No.	Load
MB-1	ABS control module VDC control module
MB-2	ABS control module VDC control module
MB-3	Audio amplifier (Model with McIntosh)
MB-4	Sub fan relay
MB-5	Mirror heater relay Rear defogger
MB-6	Body integrated unit
MB-7	Main fan relay 2
MB-8	Main fan motor PWM controller
MB-9	ECM
MB-10	Main fan relay 2
MB-11	Main fan relay 2
MB-12	Headlight leveler LH
MB-13	Headlight leveler RH
MB-14	Lighting switch OP connector
MB-15	Body integrated unit Combination meter
MB-16	Headlight LH
MB-17	Headlight RH
MB-18	Dimmer/passing switch Lighting diode OP connector
MB-19	Horn (HI)
MB-20	Horn (LO)
MB-21	Body integrated unit Horn switch
MB-22	Oxygen (A/F) sensor relay Main relay
MB-23	Oxygen (A/F) sensor relay Main relay Main relay 2
MB-24	Electronic throttle control relay
MB-25	Fuel pump relay
MB-26	TCM
MB-27	Data link connector ECM
MB-28	Alarm control module Body integrated unit Key switch illumination Key warning switch Turn signal and hazard unit
MB-29	Alarm control module Auto A/C control module Body integrated unit Interior light Spot map light
MB-30	Power window circuit breaker
MB-31	F/B fuse No. 16 Headlight leveler switch Parking light switch
MB-32	Parking light switch

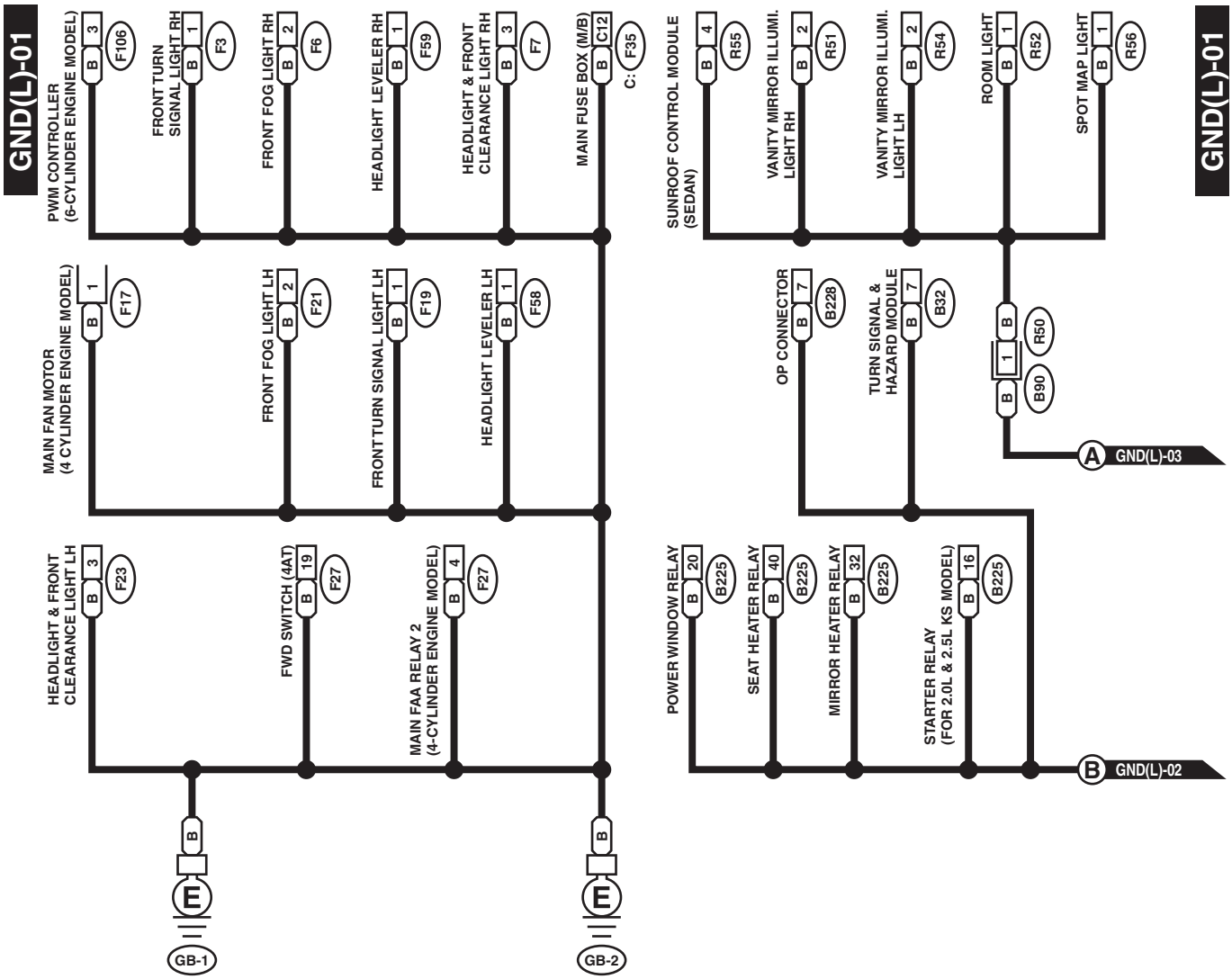
No.	Load
ALT-1	ECM
ALT-2	Combination meter OP connector
ST-1	ECM (AT) Starter relay
ST-2	Starter relay
FB-2	Rear fog light relay
FB-3	Stop light switch
FB-4	Mirror heater relay Wiper deicer relay
FB-5	Seat heater relay
FB-6	Body integrated unit
FB-8	Blower fan relay
FB-9	Front fog light relay
FB-10	Audio Clock Keyless entry control module Navigation unit Step light LH Step light RH TV monitor
FB-11	Luggage room light (Wagon model) Trunk room light (Sedan model) Seat belt buzzer
FB-12	Clock
FB-13	Seat heater switch
FB-14	Front fog light relay Rear fog light relay OP connector
FB-17	Combination meter
FB-18	Body integrated unit LAN unit
FB-19	Remote controlled mirror switch
FB-20	Seat heater relay Vanity mirror illumination LH Vanity mirror illumination RH
FB-21	Luggage room power socket Seat heater switch
FB-22	Front accessory power supply socket
FB-23	Rear wiper motor
FB-24	Body integrated unit Rear washer motor
FB-25	Audio Clock Distributor Navigation unit TV monitor Front washer motor
FB-26	OP connector
FB-27	Front wiper motor Front wiper switch Front washer motor
FB-28	Body integrated unit A/C control panel
FB-29	Auto A/C control module TCM

No.	Load
FB-30	TV monitor
FB-32	Alarm control module Brake switch Clutch switch (MT/Cruise) ECM OP connector Line end check connector Seat belt warning light Sunroof control unit Sunroof switch Wiper deicer relay
FB-33	Clock
FB-34	Turn signal and hazard unit
FB-35	Back-up light relay (5-speed AT model) Back-up light switch (MT model) Inhibitor switch (4-speed AT model)
FB-36	Combination meter
FB-37	Body integrated unit
FB-38	ECM Fuel pump relay Ignition coil No. 1 Ignition coil No. 2 Ignition coil No. 3 Ignition coil No. 4 Ignition coil & ignitor P-VIGN relay Rear vehicle speed sensor (4-speed AT model) TCM
FB-39	Airbag control module
FB-41	Airbag control module
FB-42	Power window relay
FB-44	ABS control module VDC control module
FB-45	A/C control panel
FB-46	A/C relay Auto A/C control module Blower fan relay FRESH/RECIRC actuator Mode actuator Pressure switch Sub fan relay Heater cock solenoid

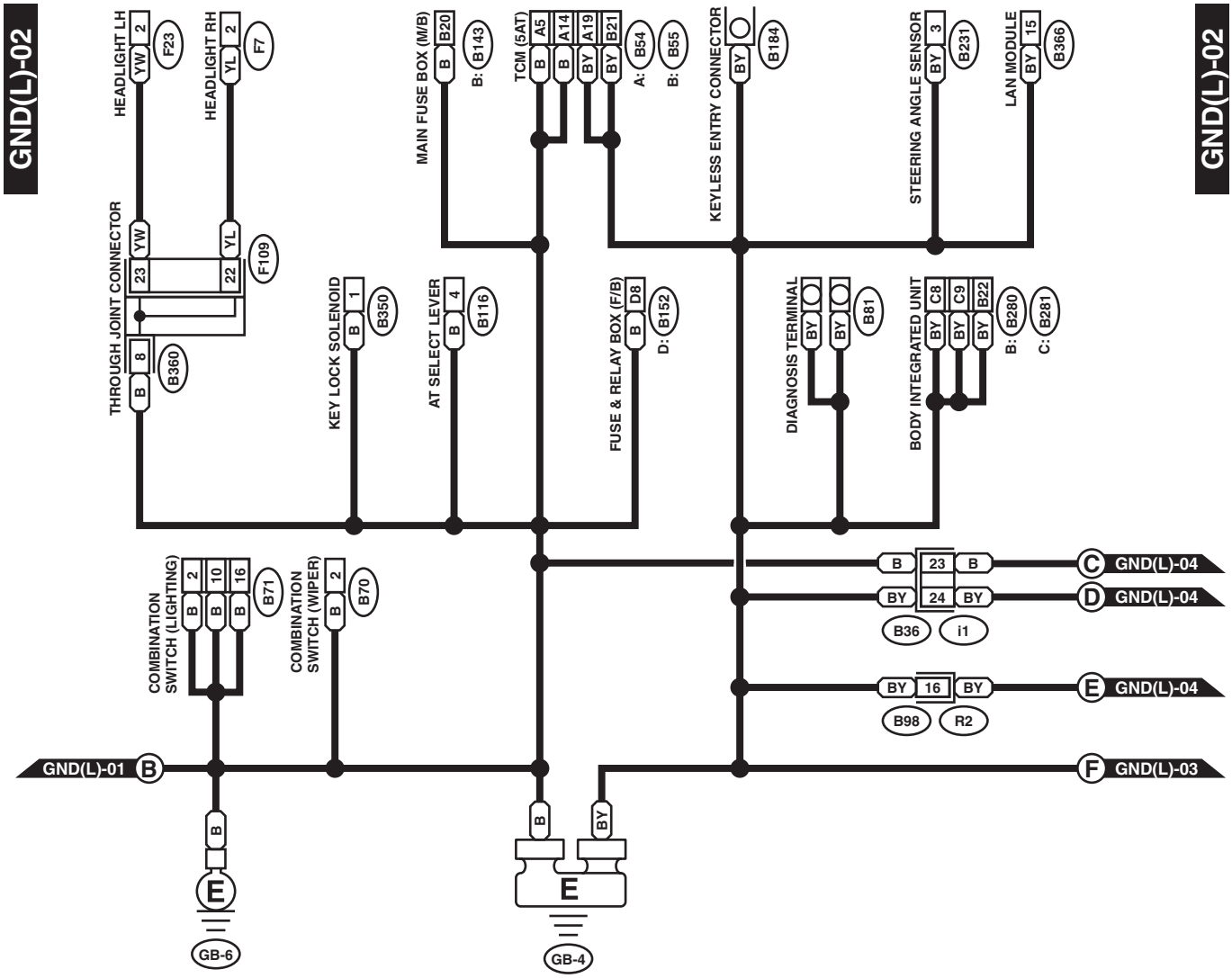
4. Ground Distribution Circuit

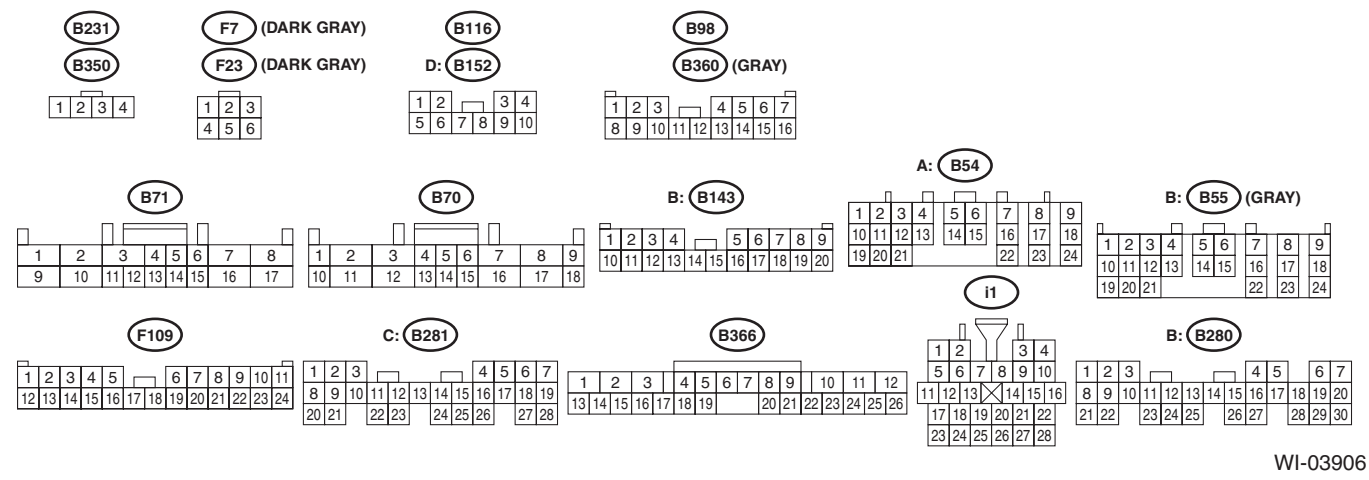
A: WIRING DIAGRAM

1. LHD CHASSIS GROUND



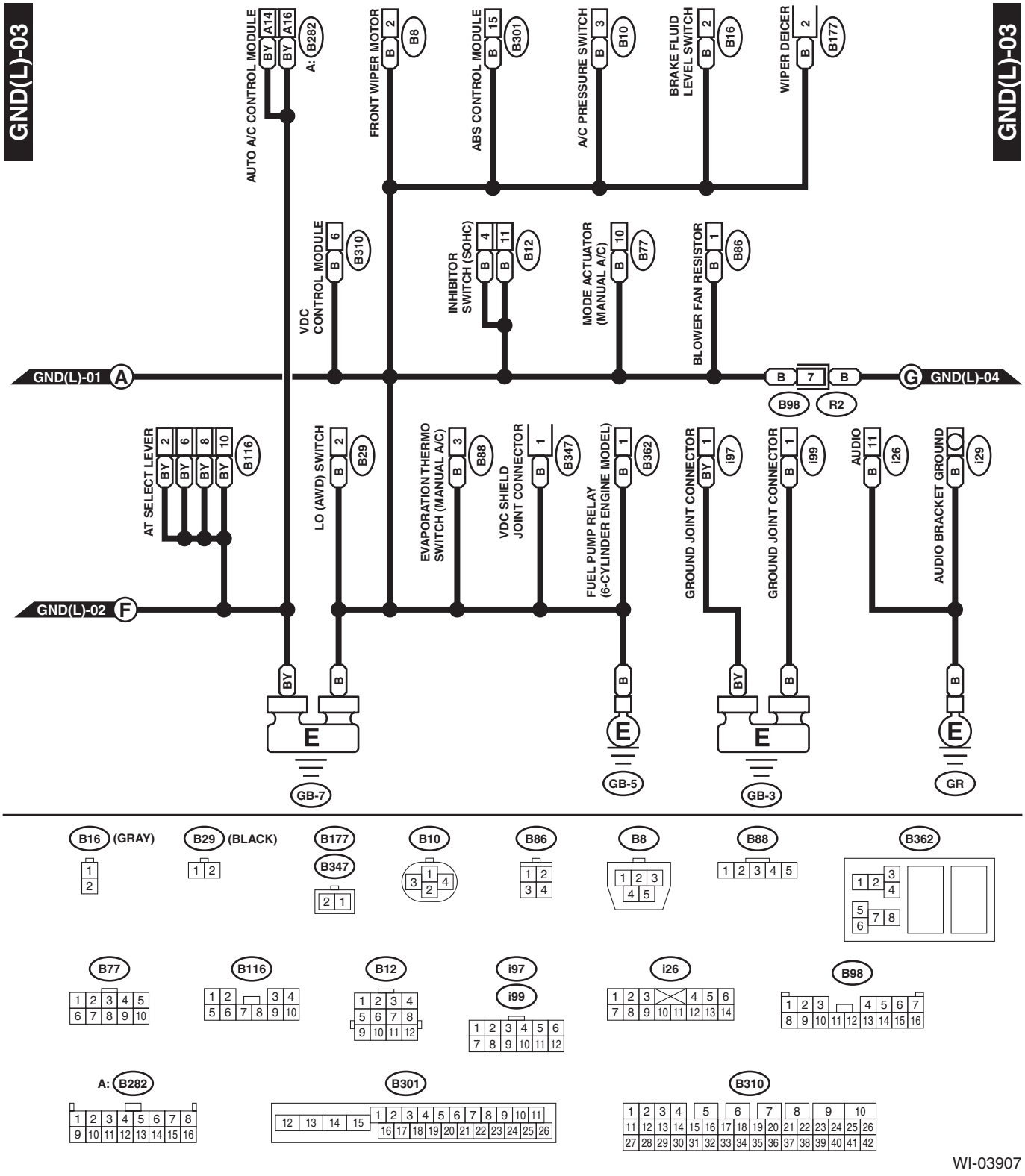
Ground Distribution Circuit





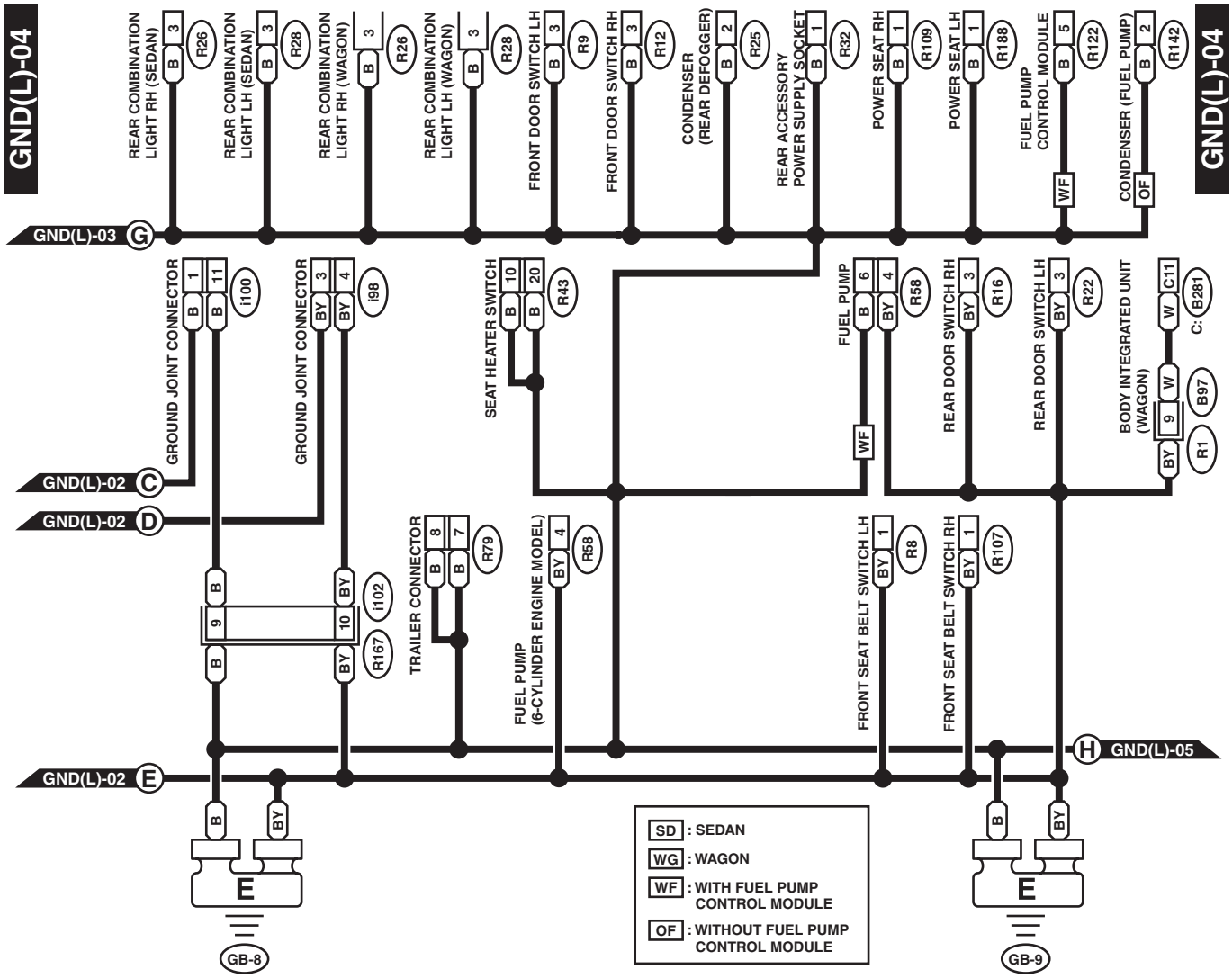
WI-03906

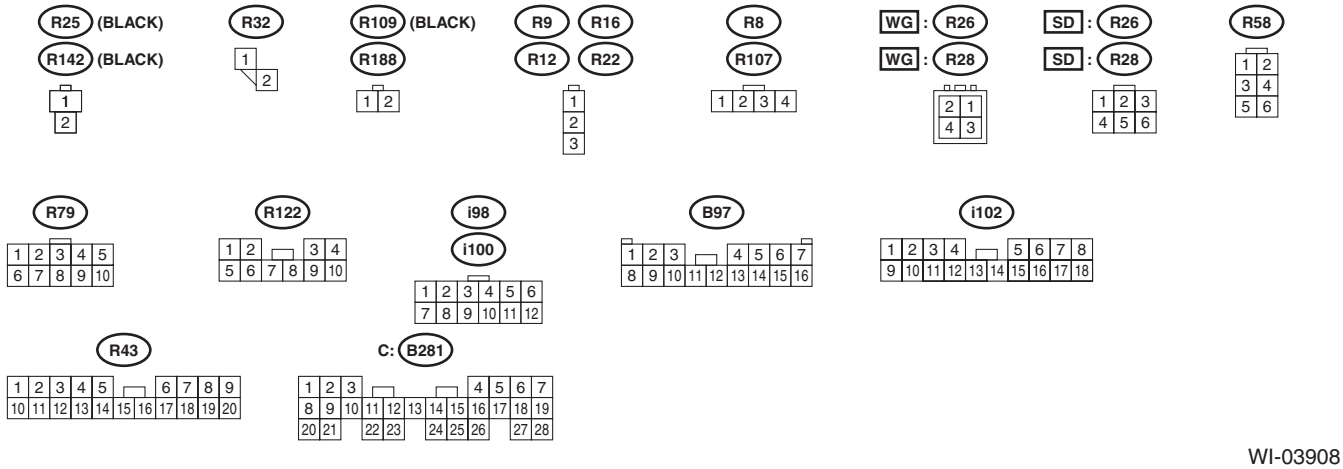
Ground Distribution Circuit



WI-03907

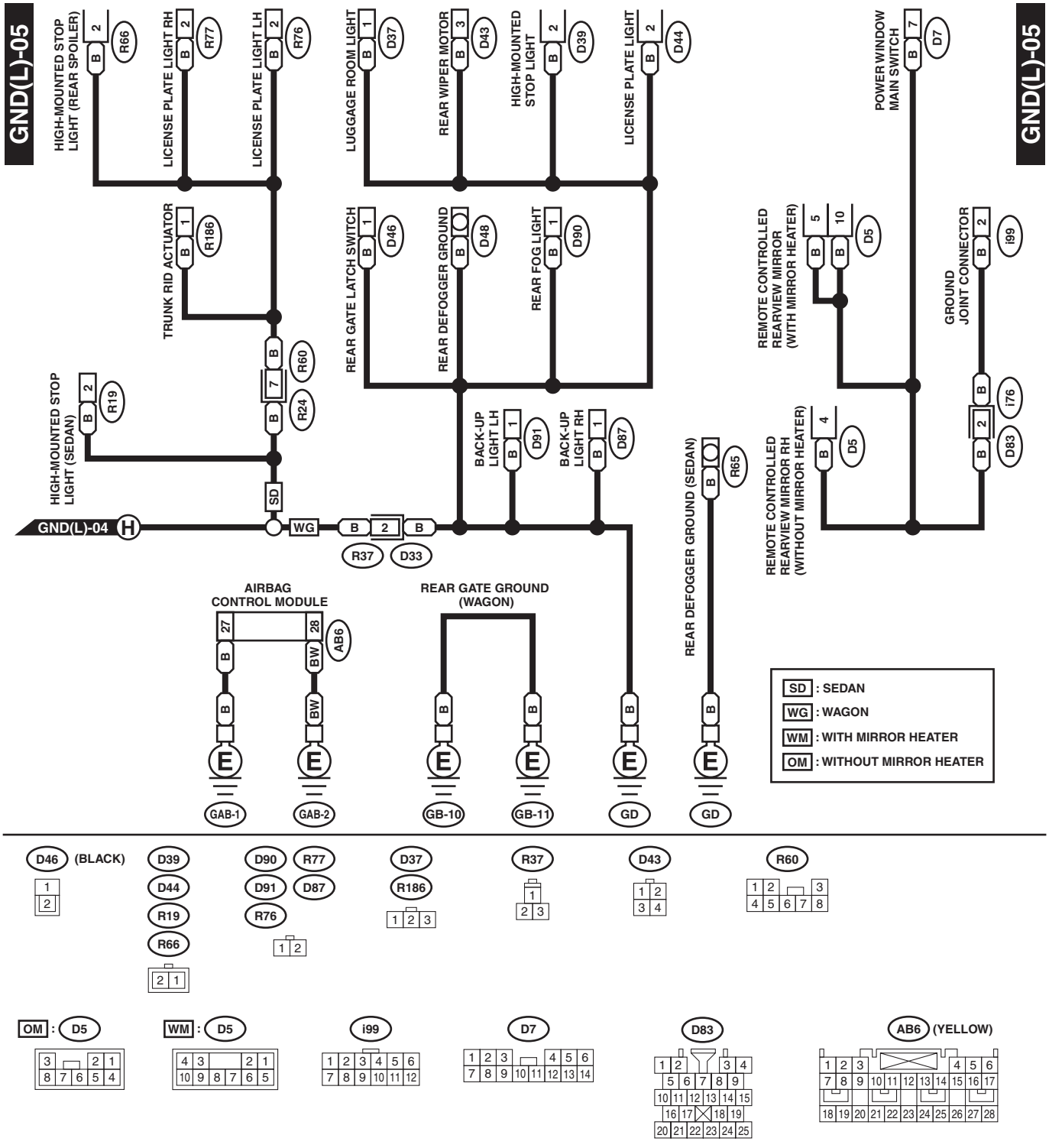
Ground Distribution Circuit





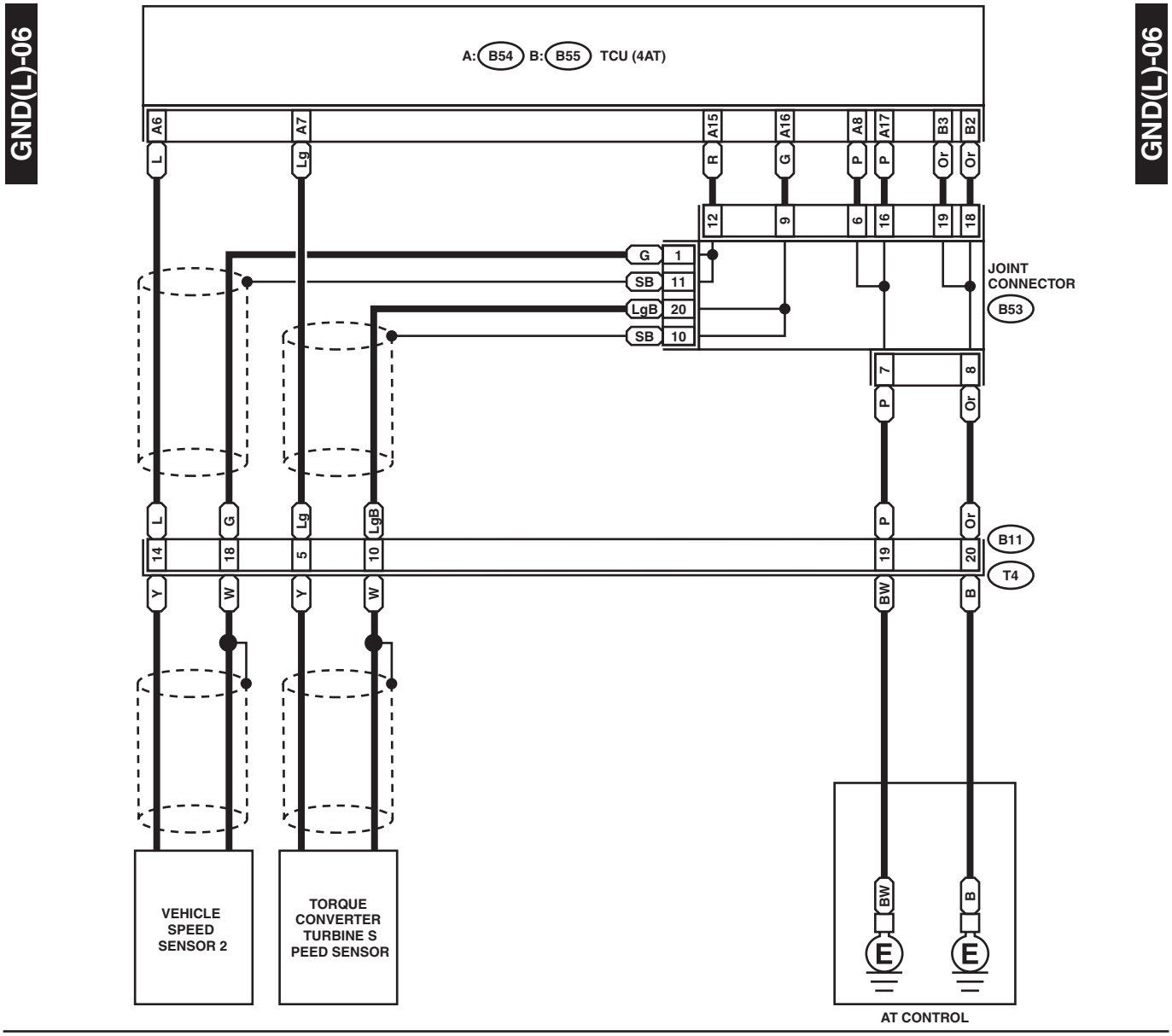
WI-03908

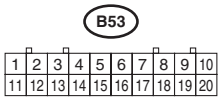
Ground Distribution Circuit

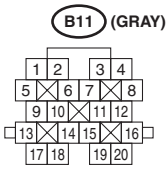


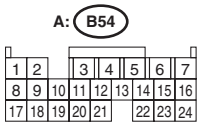
WI-03909

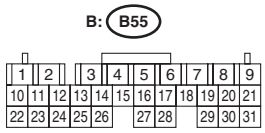
2. LHD AT TRANSMISSION GROUND (4AT MODEL)





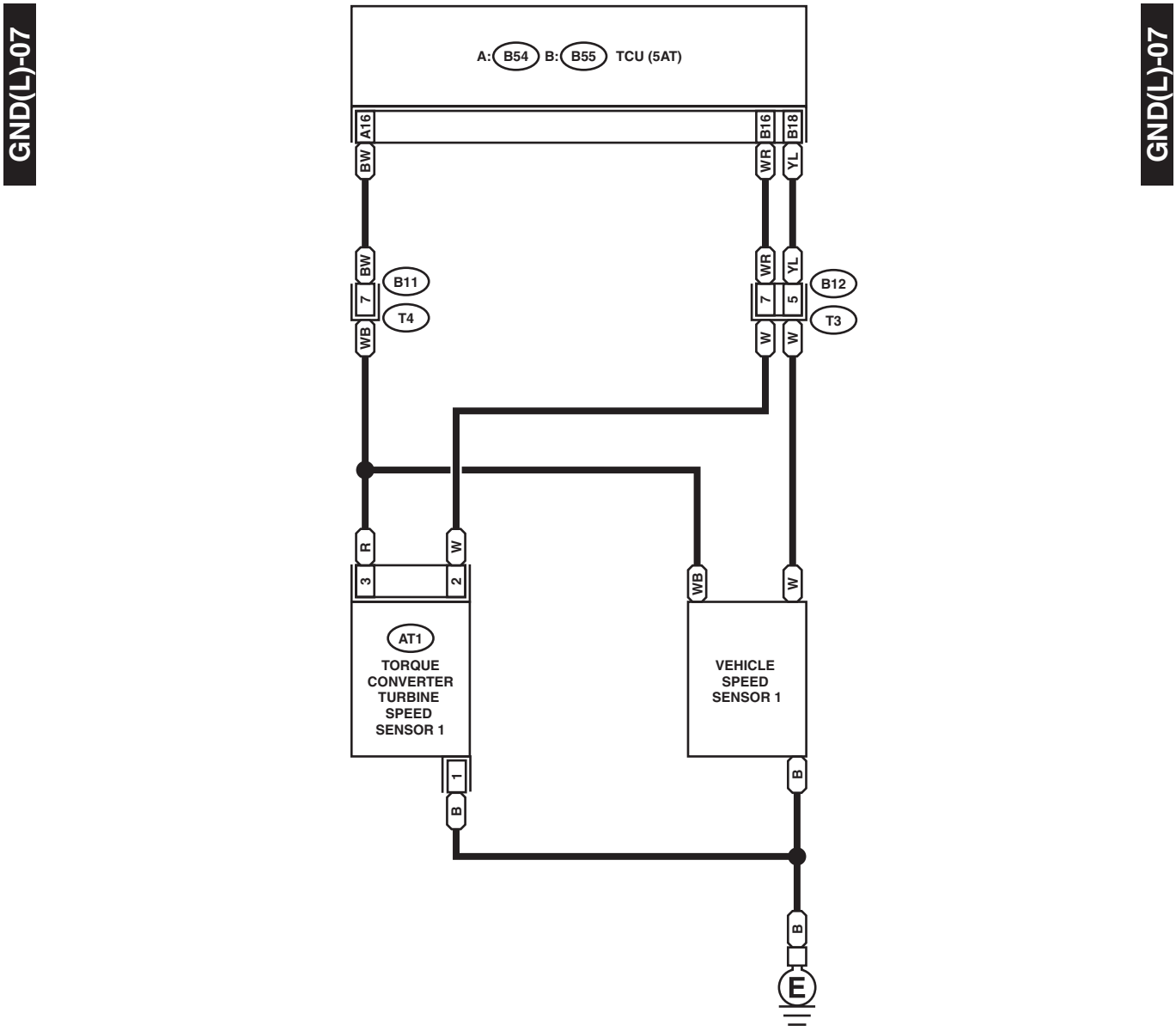


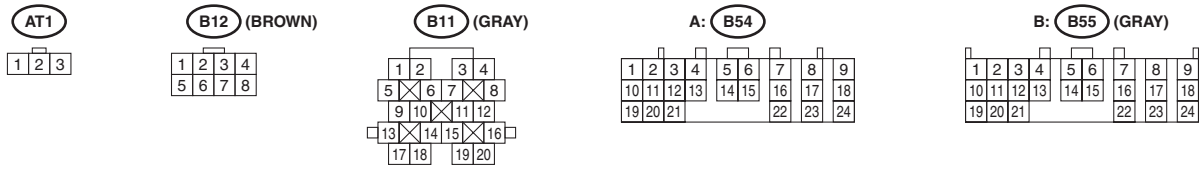




WI-03910

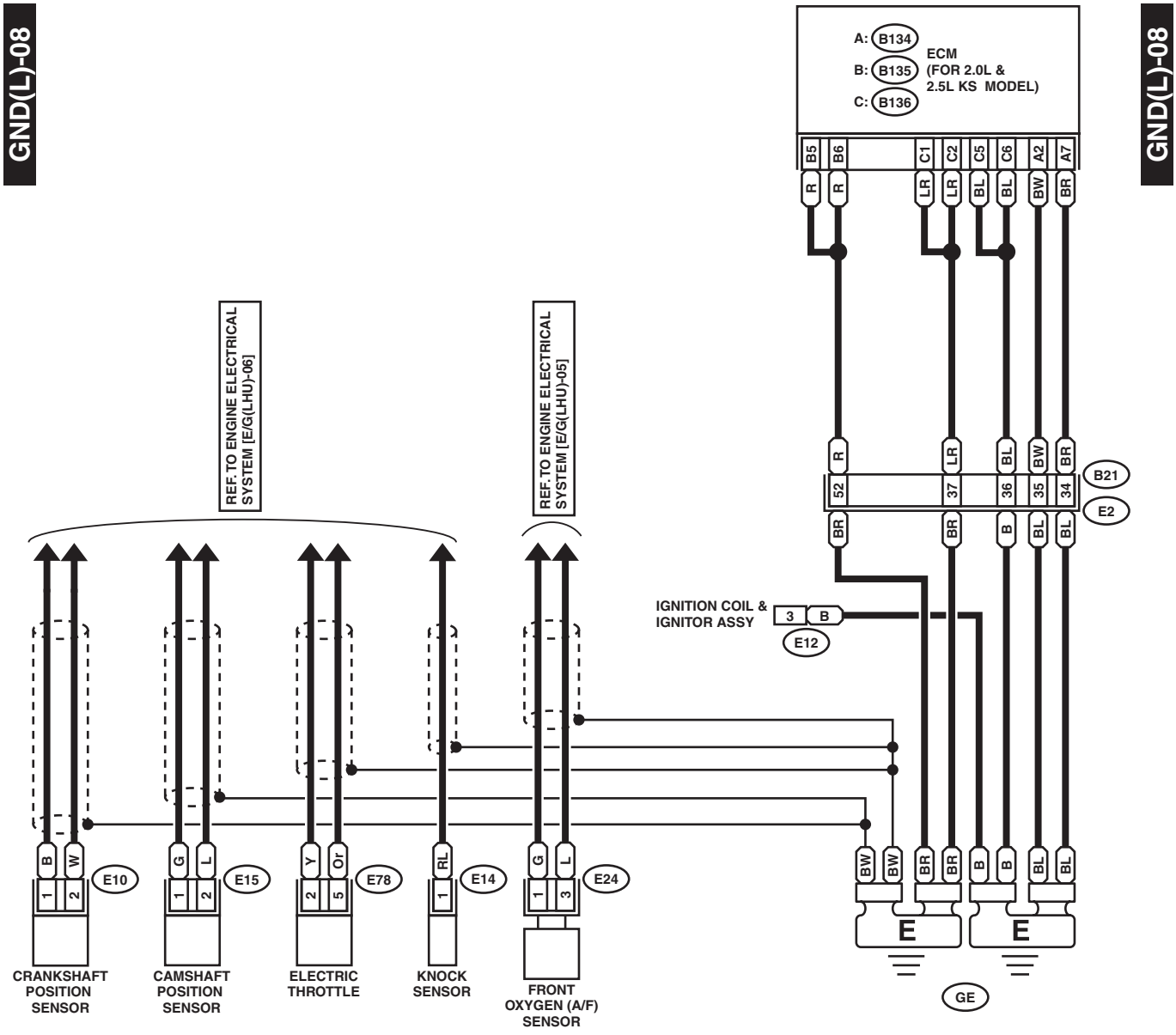
3. LHD AT TRANSMISSION GROUND (5AT MODEL)





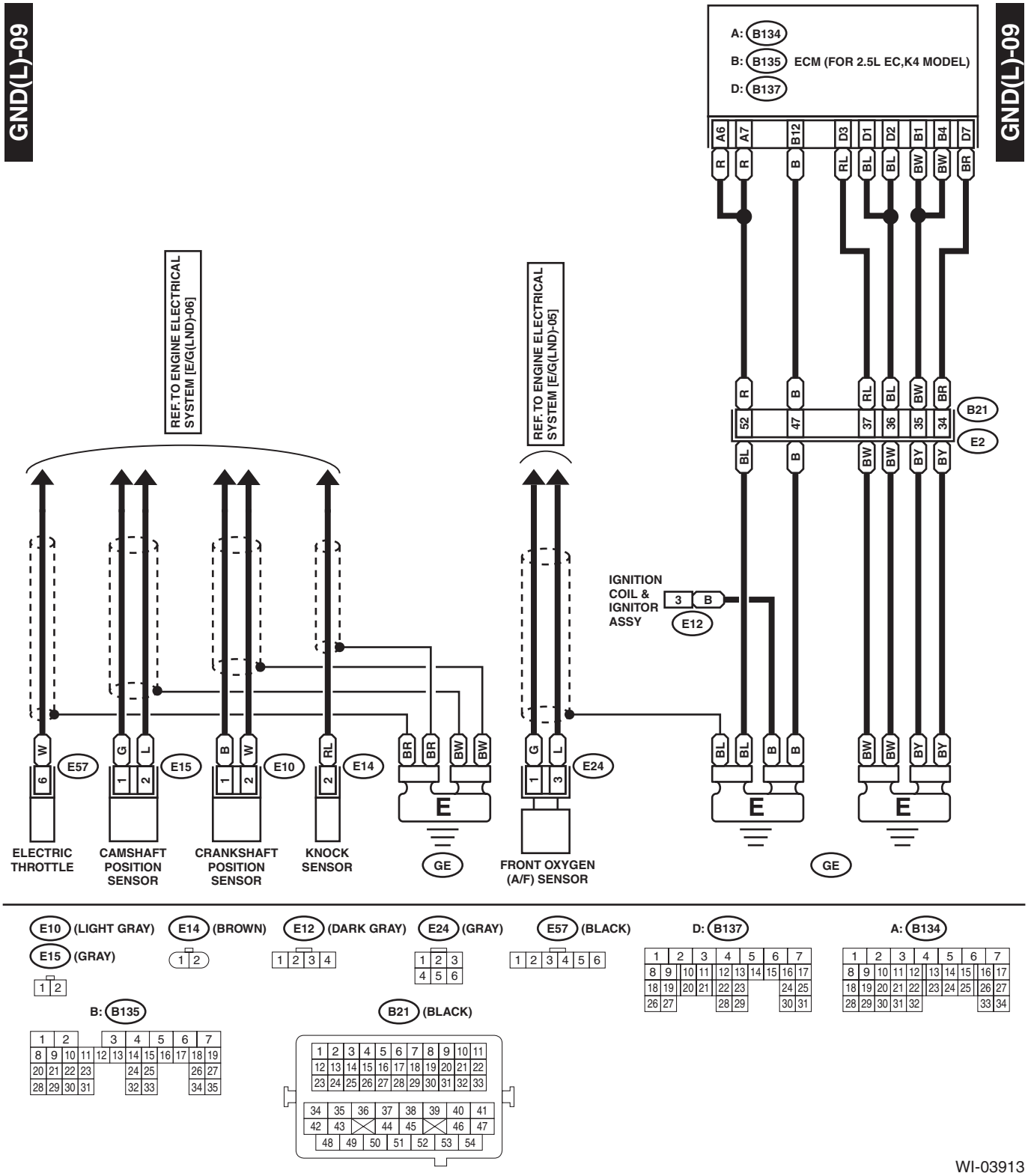
WI-03911

4. LHD ENGINE GROUND (2.0 L MODEL AND 2.5 L KS MODEL)



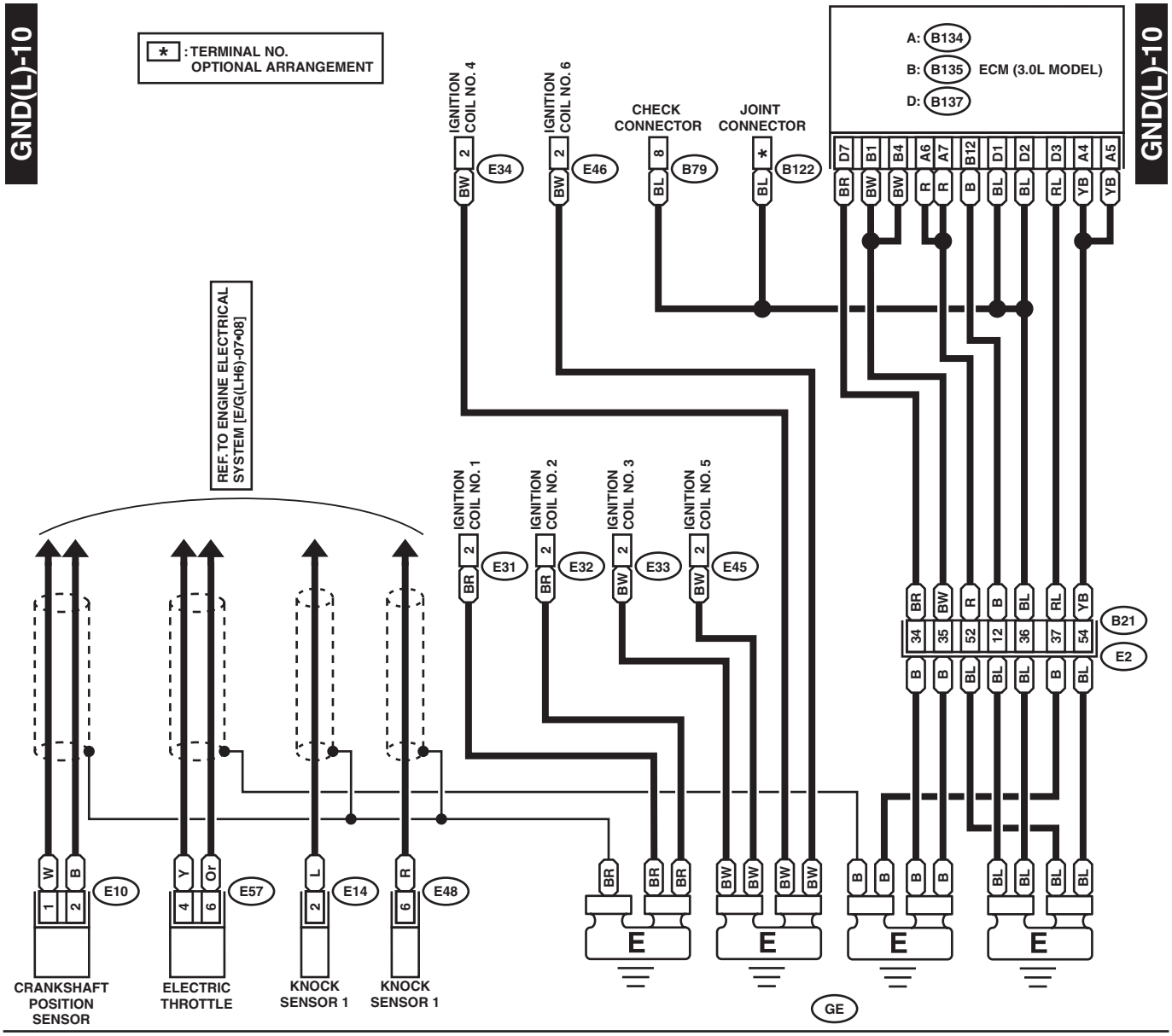
WI-03912

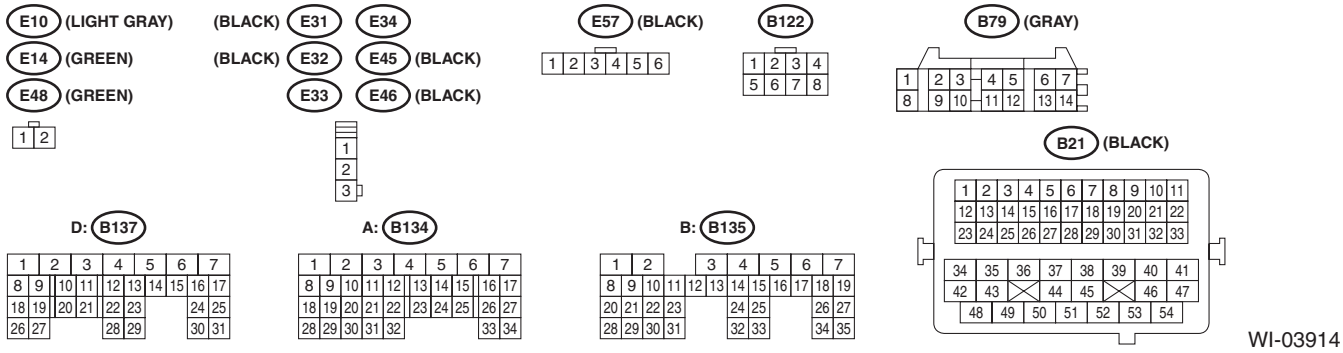
5. LHD ENGINE GROUND (2.5 L EC, K4 MODEL)



WI-03913

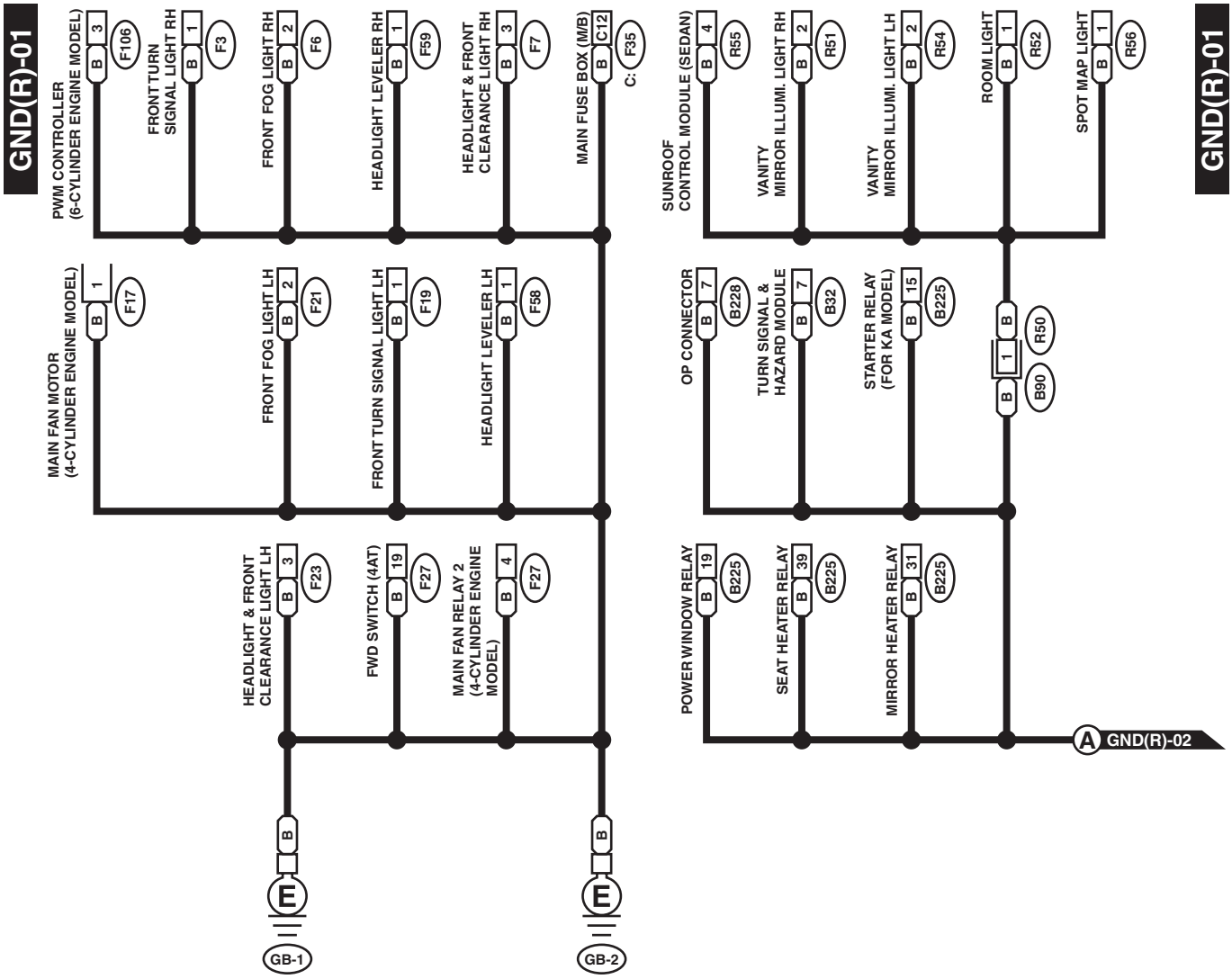
6. LHD ENGINE GROUND (3.0 L MODEL)

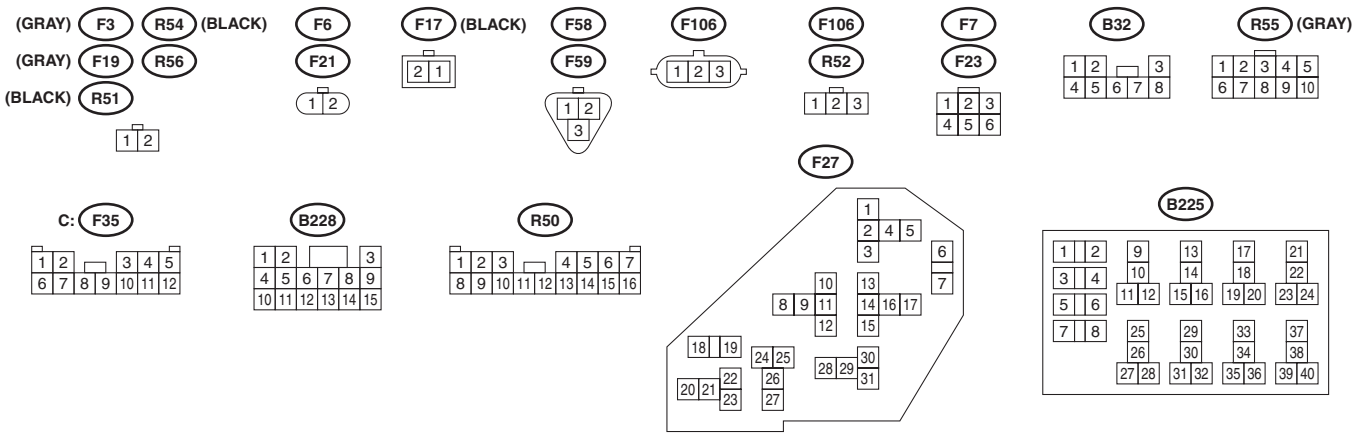




WI-03914

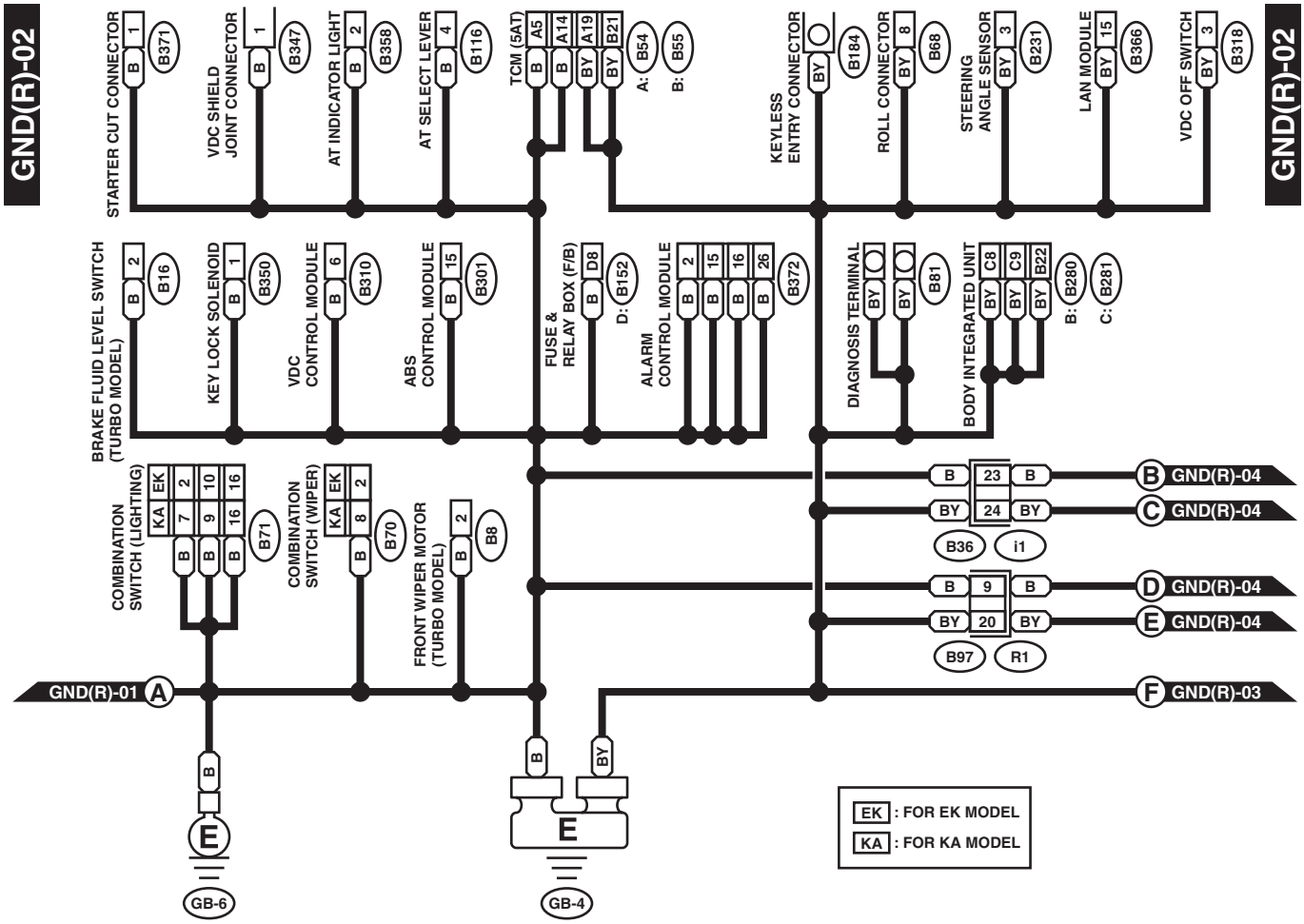
7. RHD CHASSIS GROUND

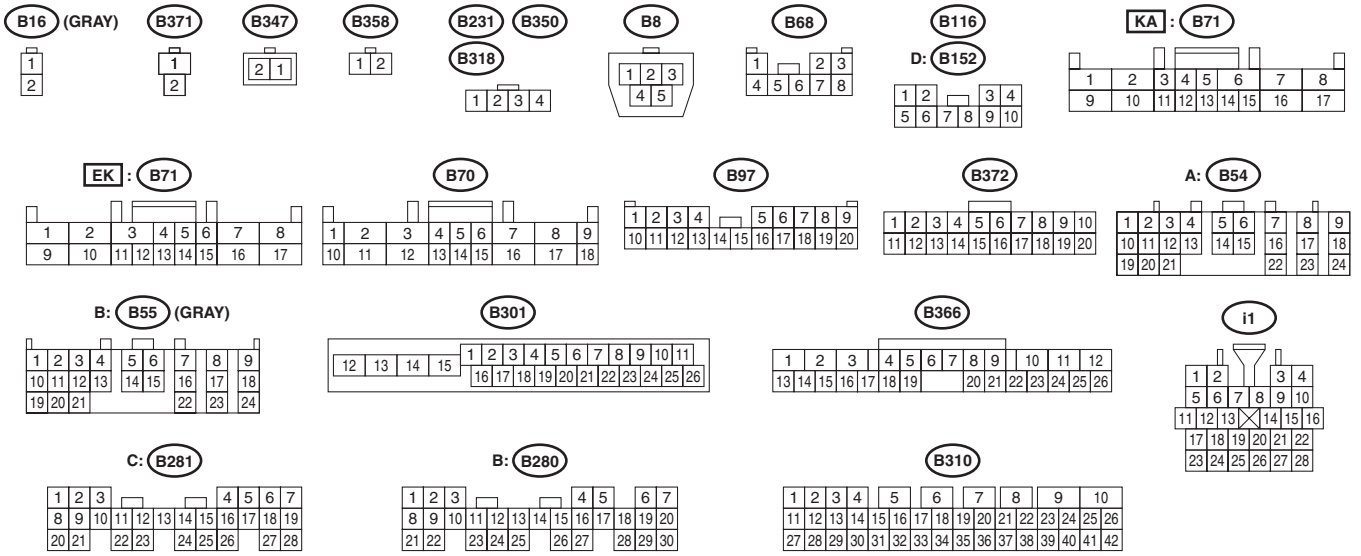




WI-03915

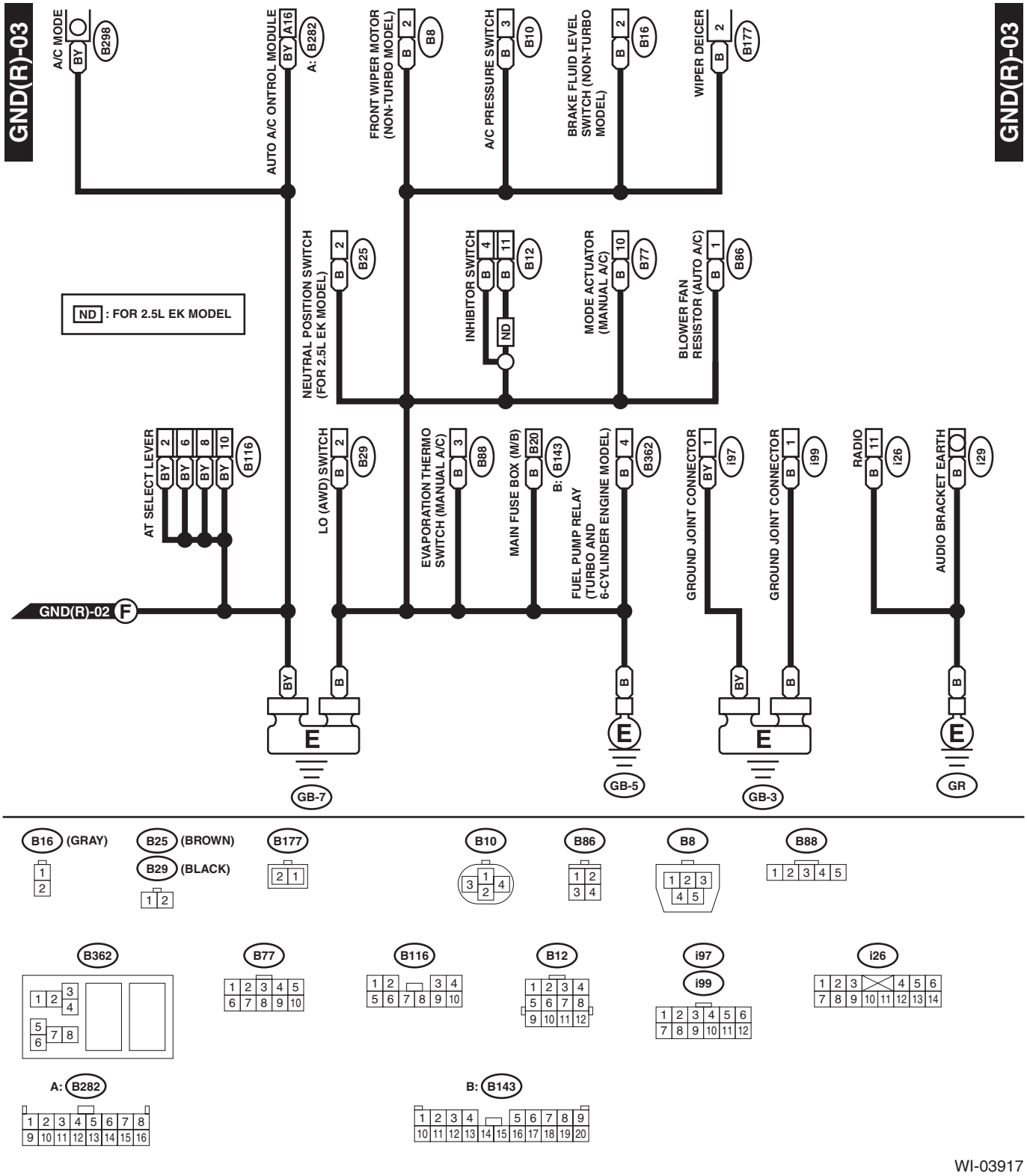
Ground Distribution Circuit



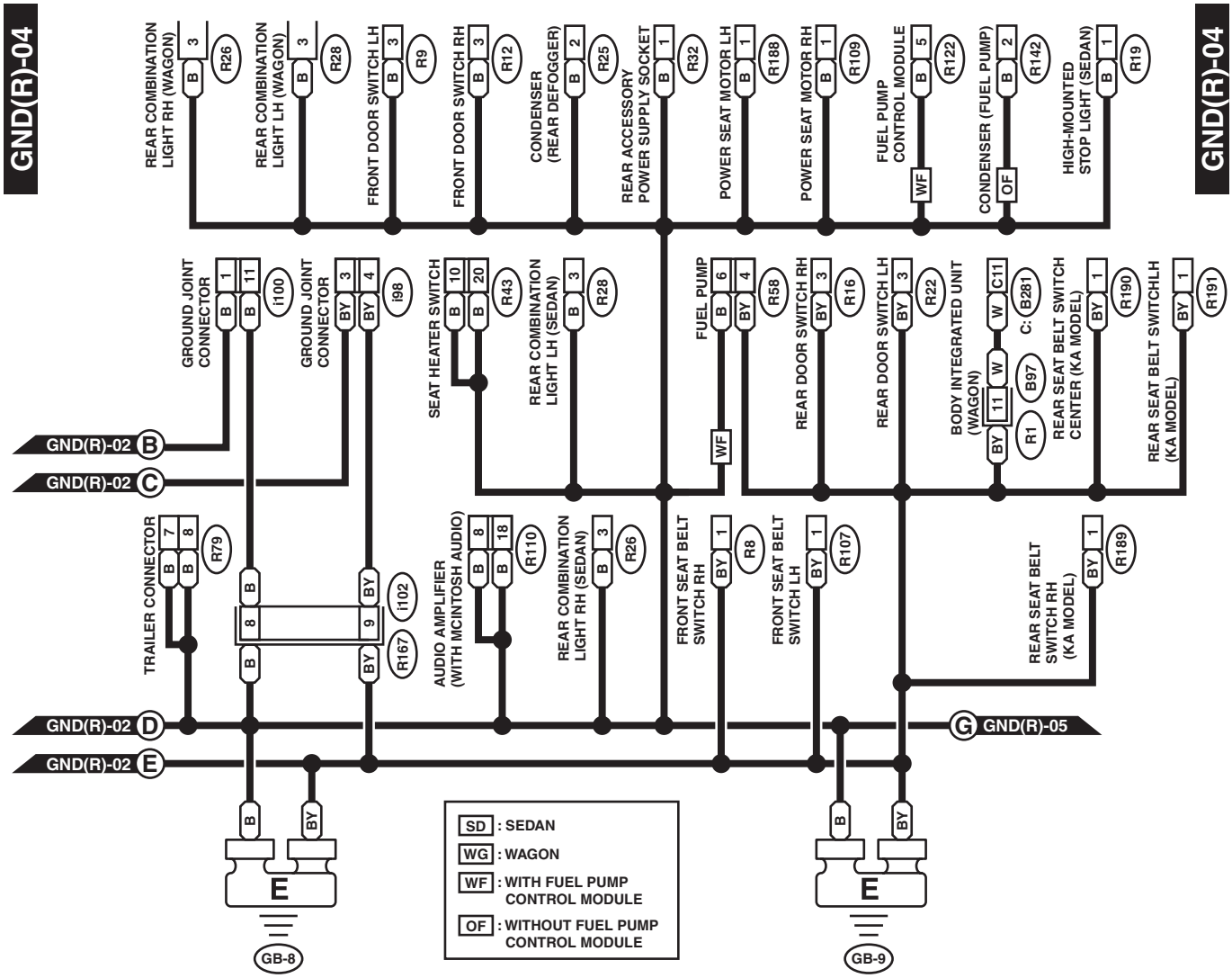


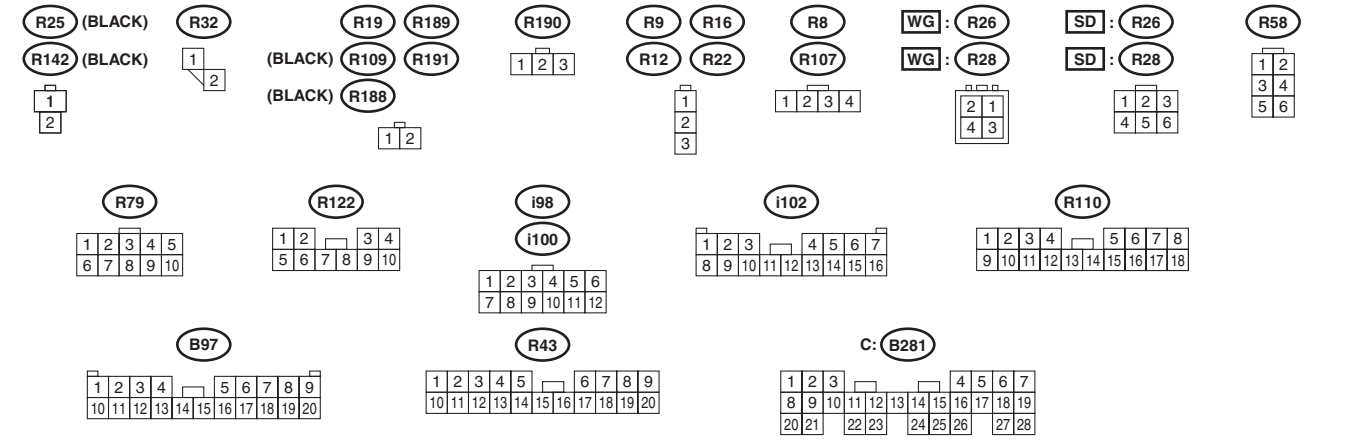
WI-03916

Ground Distribution Circuit



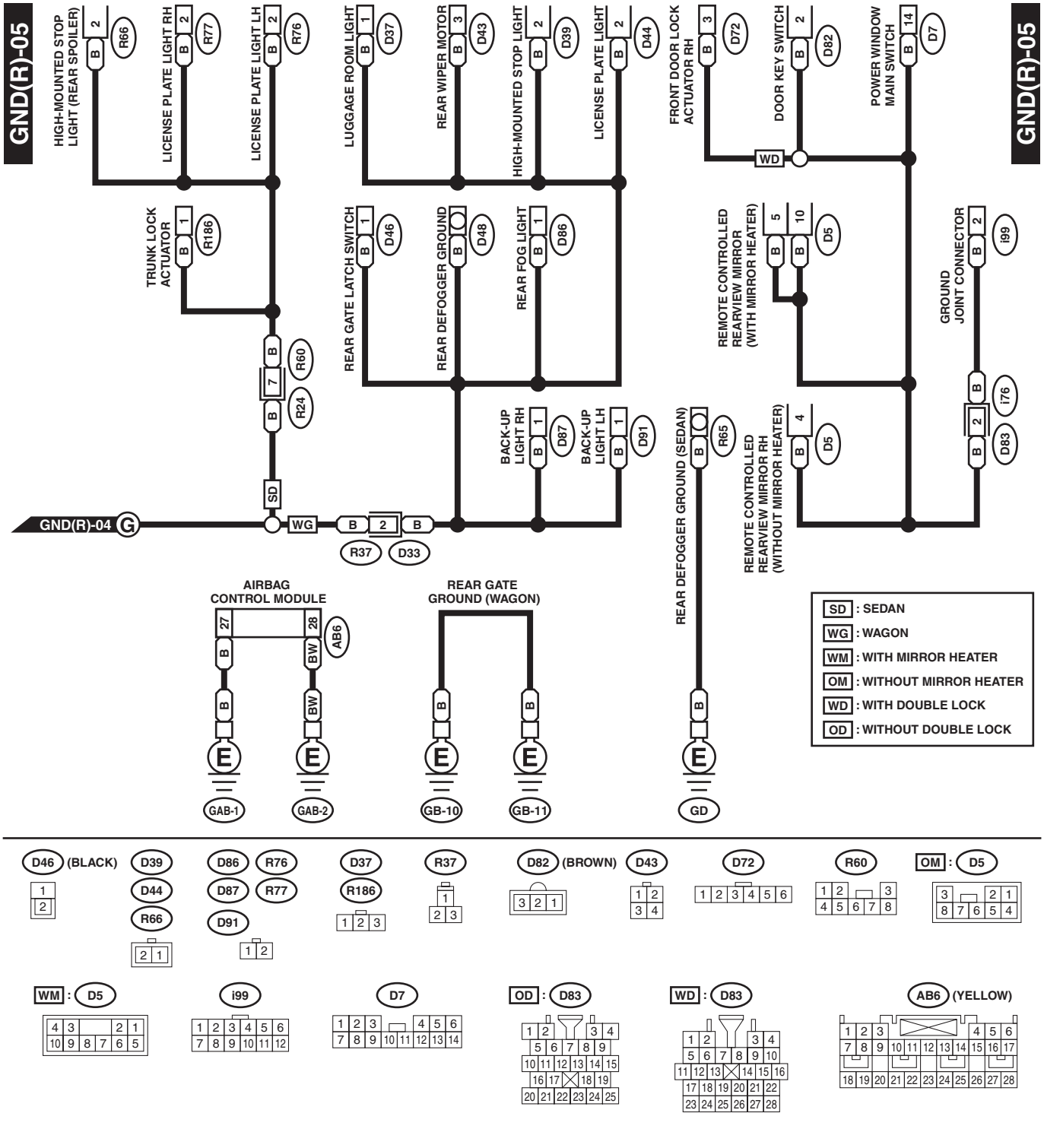
WI-03917


GND(R)-04
GND(R)-04
REAR COMBINATION LIGHT RH (WAGON)
REAR COMBINATION LIGHT LH (WAGON)
FRONT DOOR SWITCH LH
FRONT DOOR SWITCH RH
CONDENSER (REAR DEFOGGER)
REAR ACCESSORY POWER SUPPLY SOCKET
POWER SEAT MOTOR LH
POWER SEAT MOTOR RH
FUEL PUMP CONTROL MODULE
CONDENSER (FUEL PUMP)
HIGH-MOUNTED STOP LIGHT (SEDAN)
GROUND JOINT CONNECTOR
GROUND JOINT CONNECTOR
SEAT HEATER SWITCH
REAR COMBINATION LIGHT LH (SEDAN)
FUEL PUMP
REAR DOOR SWITCH RH
REAR DOOR SWITCH LH
BODY INTEGRATED UNIT (WAGON)
REAR SEAT BELT SWITCH CENTER (KA MODEL)
REAR SEAT BELT SWITCHLH (KA MODEL)
GND(R)-02 B
GND(R)-02 C
TRAILER CONNECTOR
AUDIO AMPLIFIER (WITH MCINTOSH AUDIO)
REAR COMBINATION LIGHT RH (SEDAN)
FRONT SEAT BELT SWITCH RH
FRONT SEAT BELT SWITCH LH
REAR SEAT BELT SWITCH RH (KA MODEL)
GND(R)-02 D
GND(R)-02 E
G GND(R)-05
SD : SEDAN
WG : WAGON
WF : WITH FUEL PUMP CONTROL MODULE
OF : WITHOUT FUEL PUMP CONTROL MODULE
GB-8
GB-9


R25 (BLACK)
R142 (BLACK)
R32
R19
R189
(BLACK) R109
R191
(BLACK) R188
R190
R9
R16
R12
R22
R8
R107
WG : R26
WG : R28
SD : R26
SD : R28
R58
R79
R122
i98
i100
i102
R110
B97
R43
C: B281

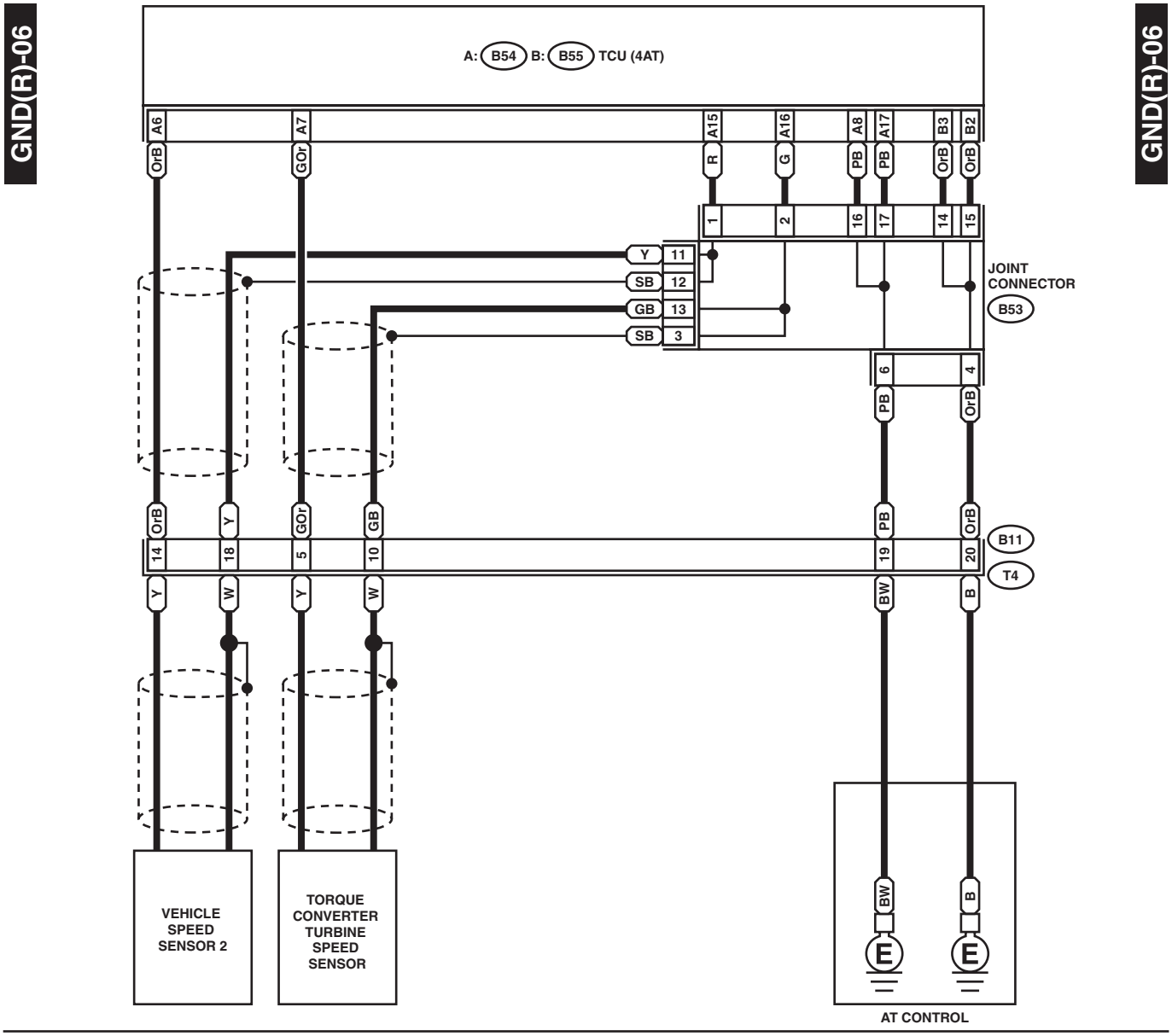
WI-03918

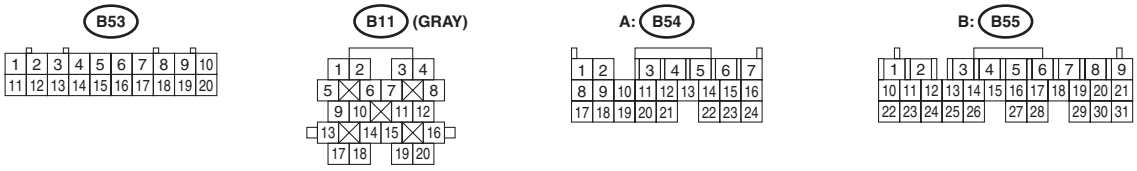
Ground Distribution Circuit



WI-03919

8. RHD AT TRANSMISSION GROUND (4AT MODEL)

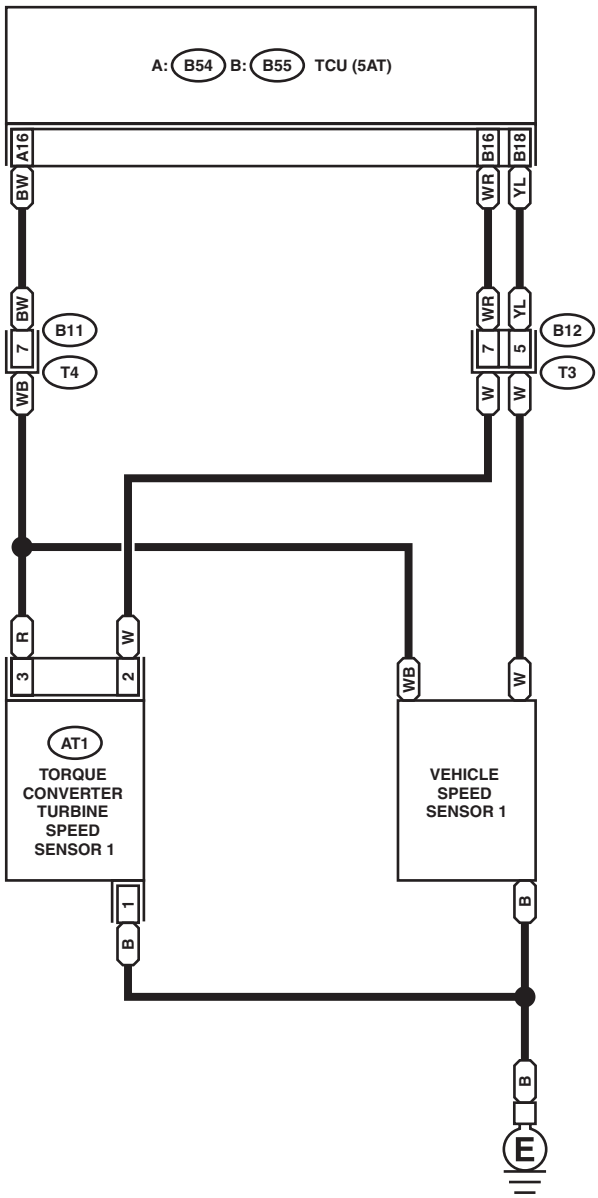




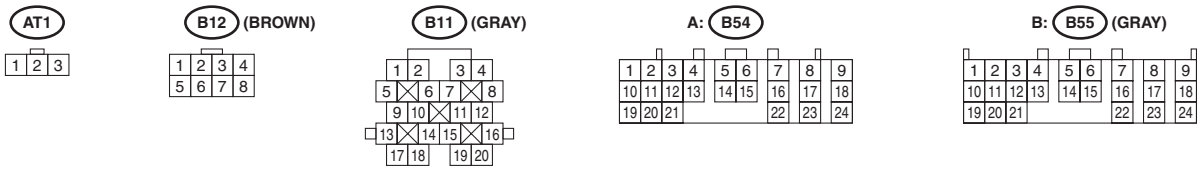
WI-03920

9. RHD AT TRANSMISSION GROUND (5AT MODEL)

GND(R)-07

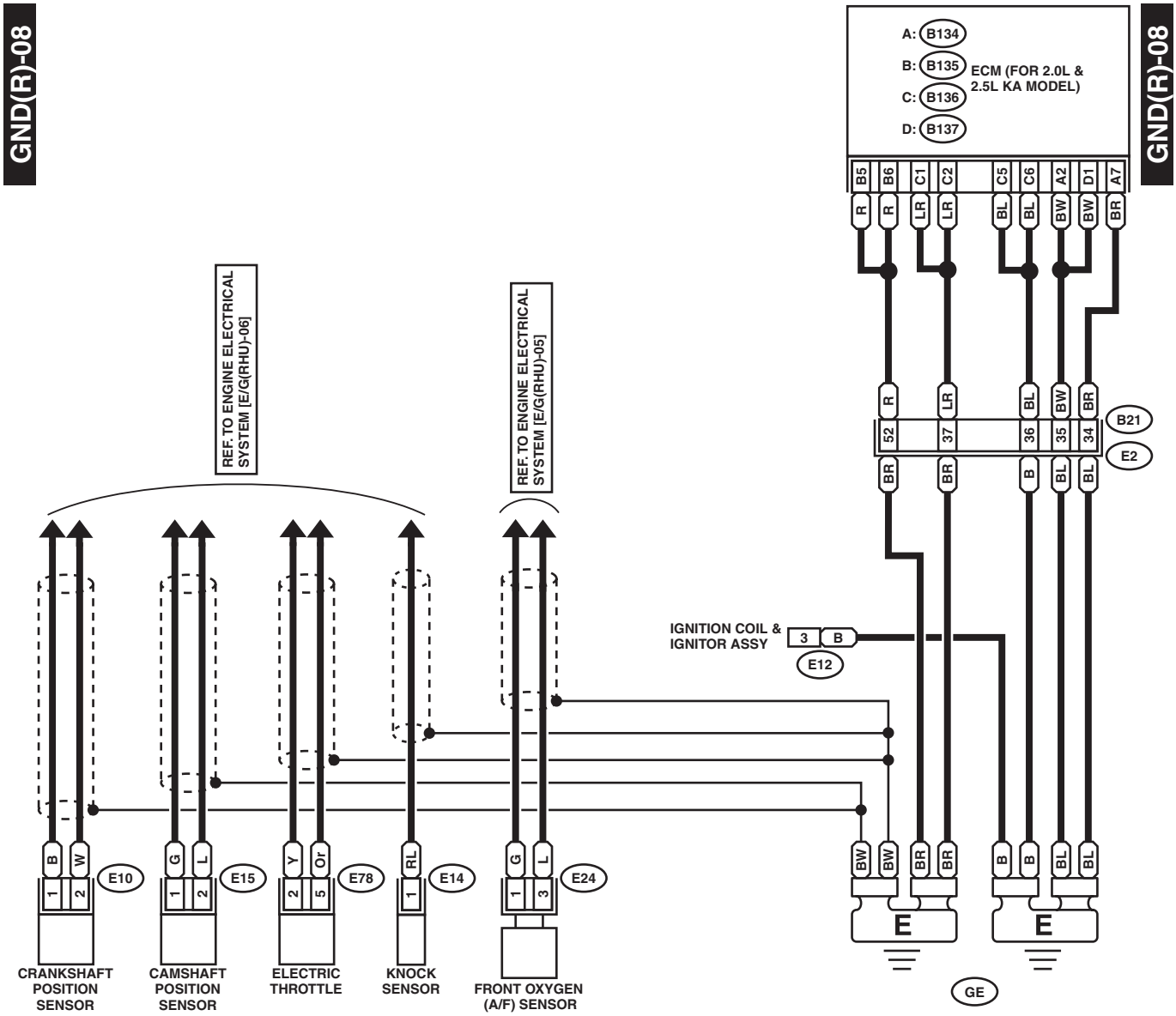


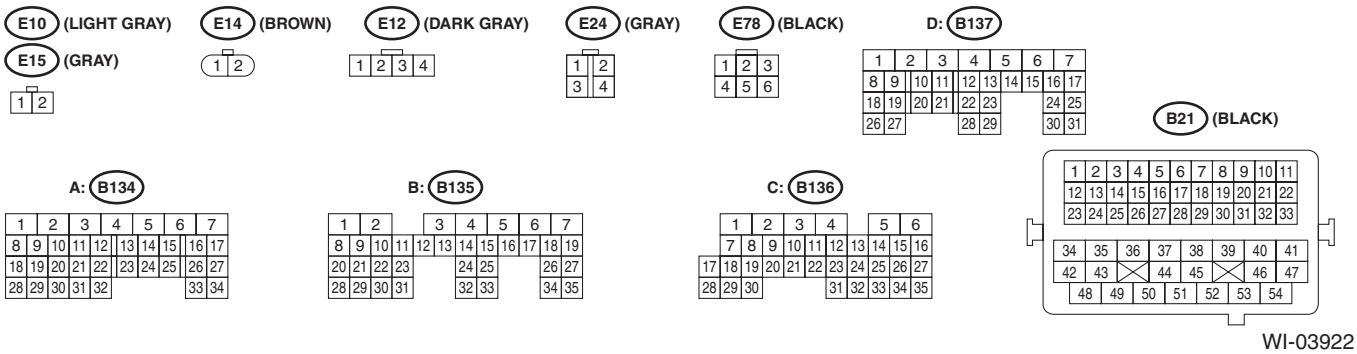
GND(R)-07



WI-03921

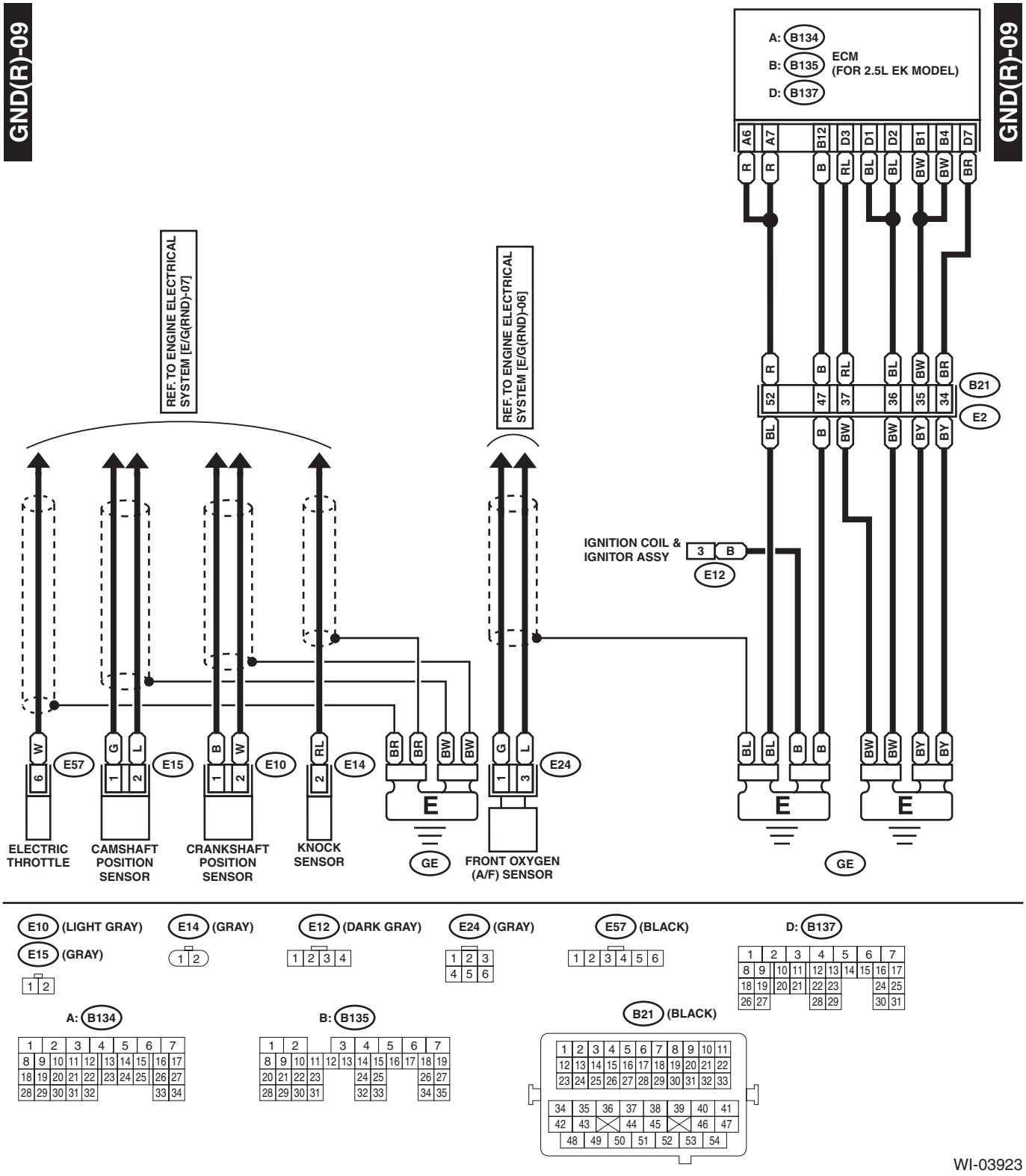
10.RHD ENGINE GROUND (2.0 L NON-TURBO MODEL AND 2.5 L KA MODEL)





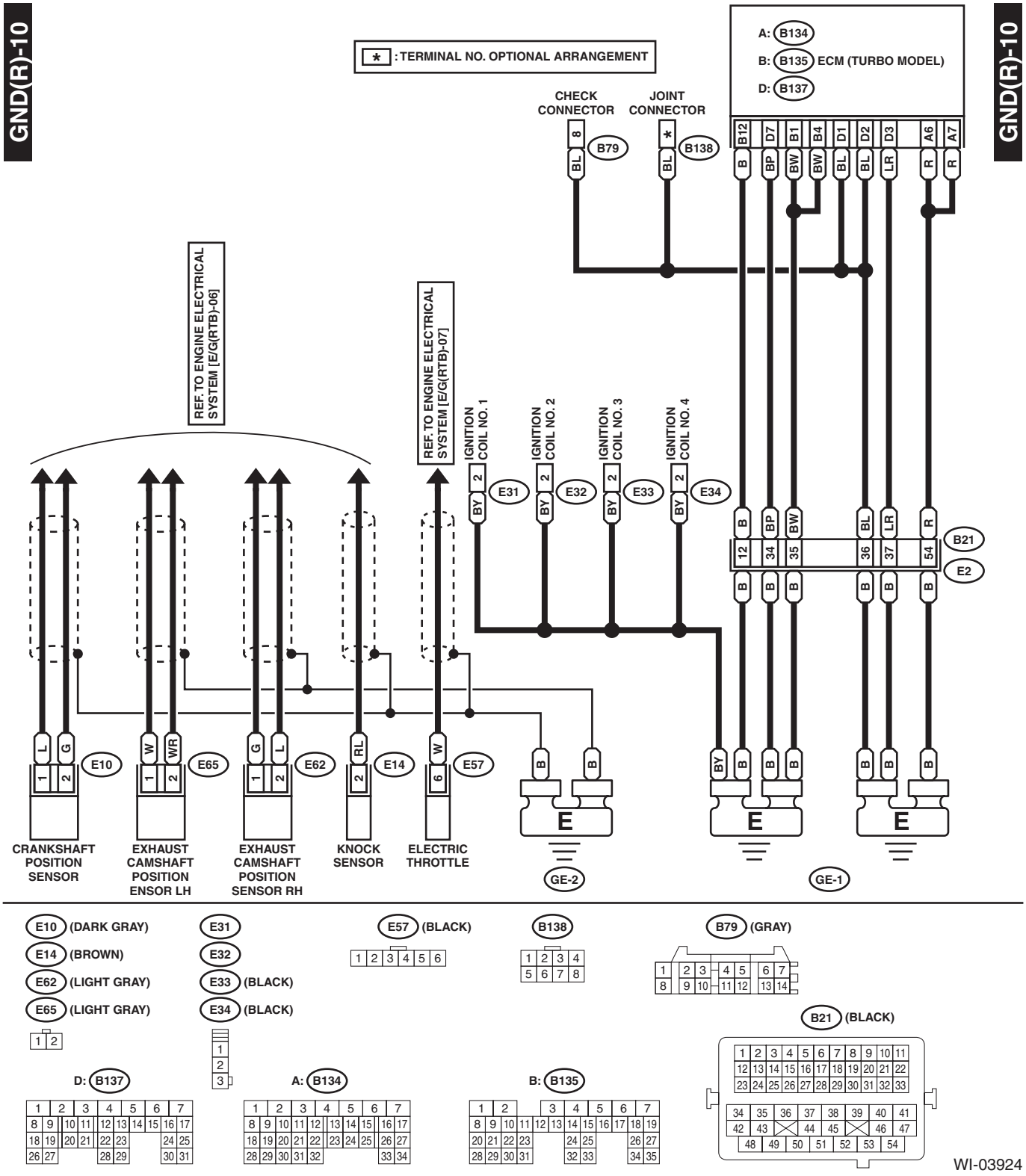
WI-03922

11.RHD ENGINE GROUND (3.0 L EK MODEL)



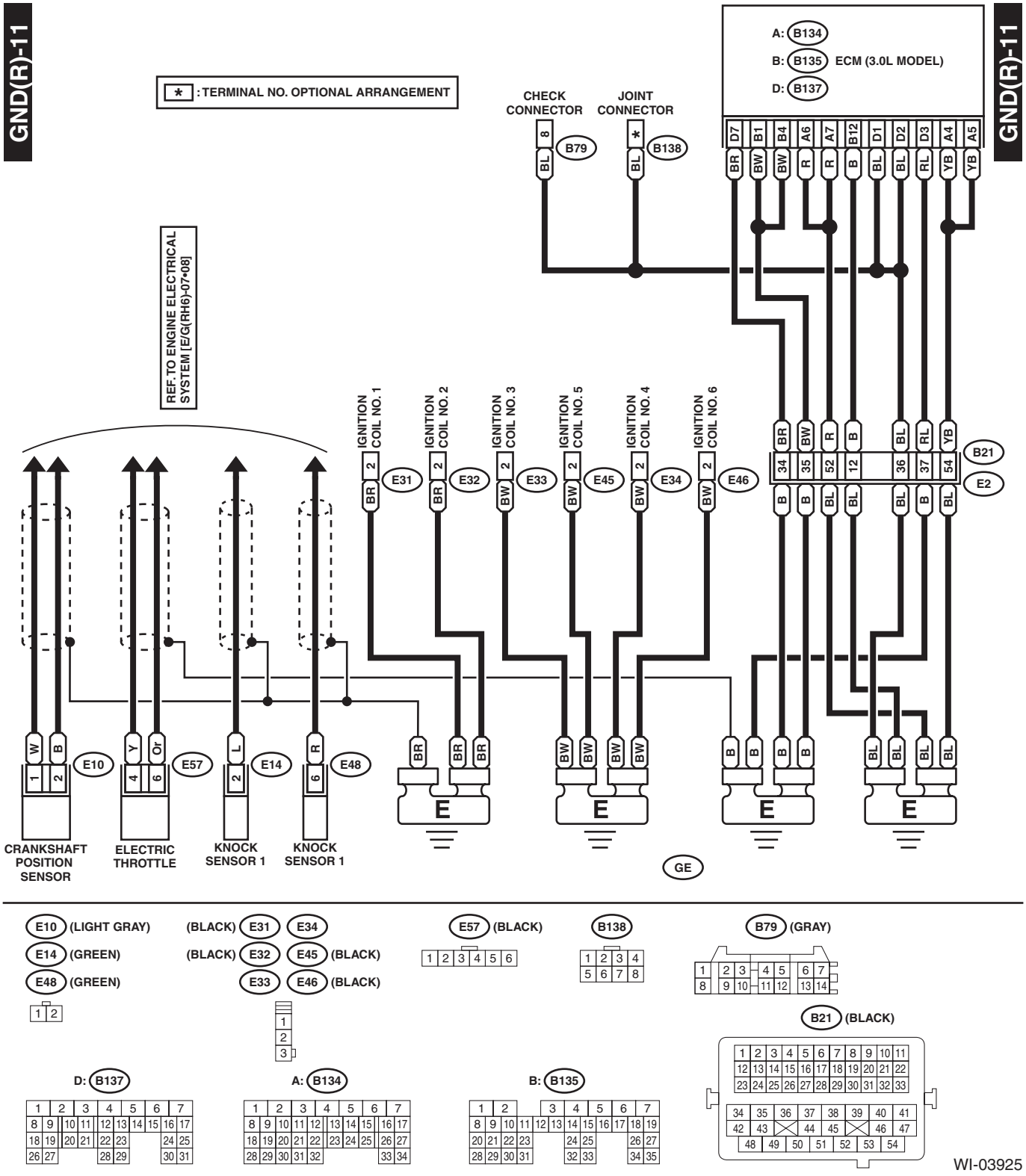
WI-03923

12.RHD ENGINE GROUND (TURBO MODEL)



WI-03924

13.RHD ENGINE GROUND (3.0 L MODEL)

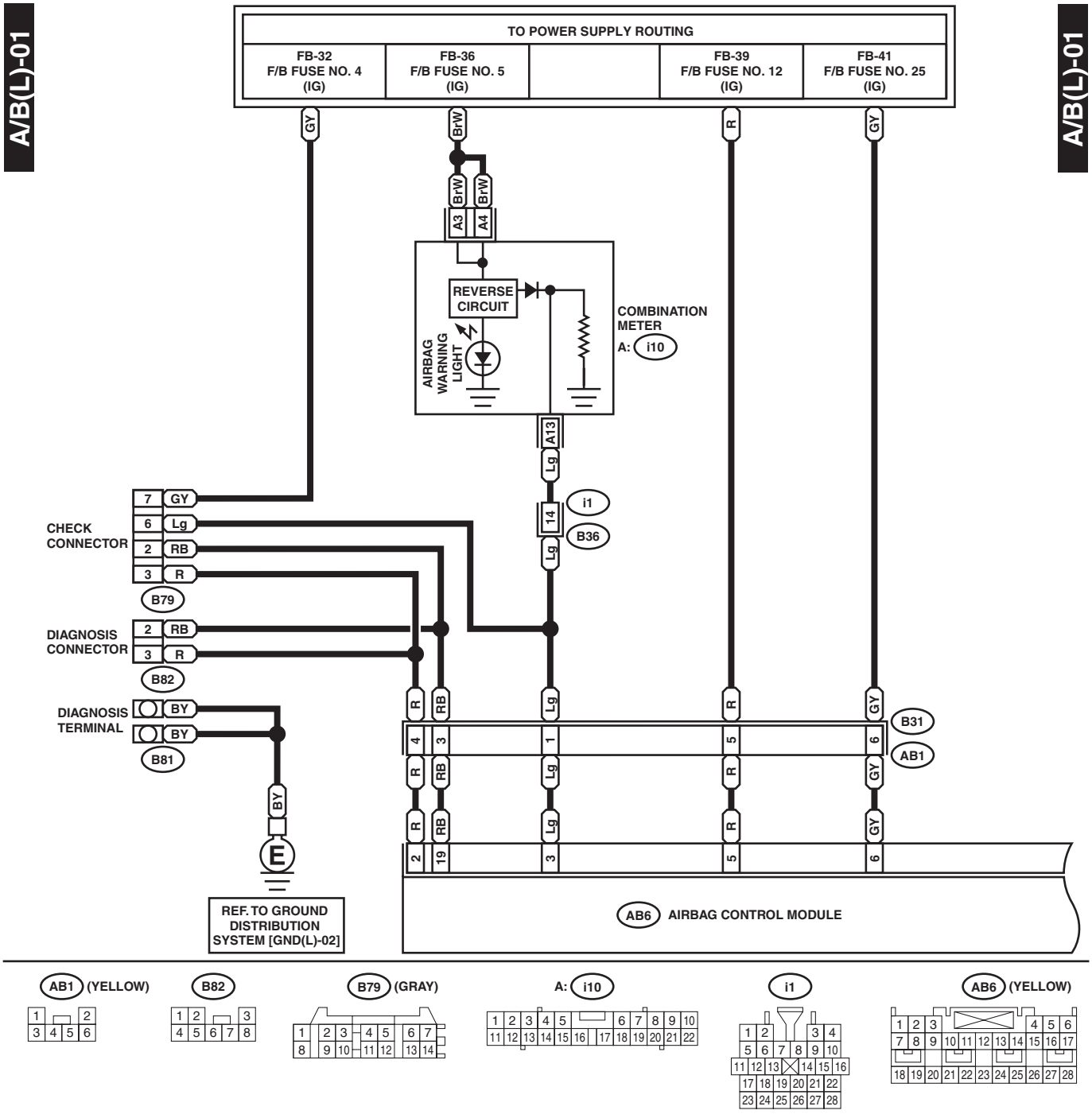


WI-03925

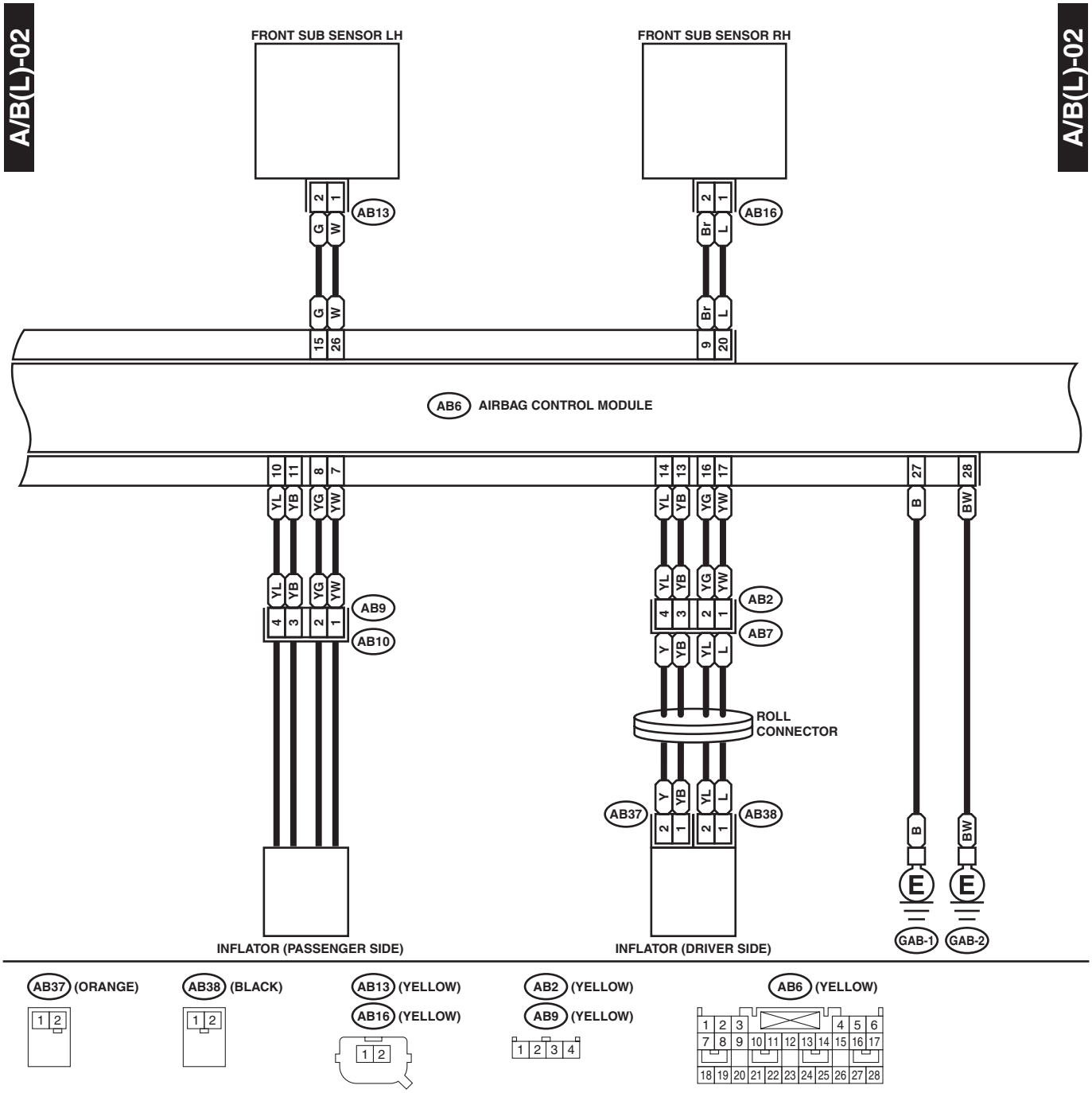
5. Airbag System

A: WIRING DIAGRAM

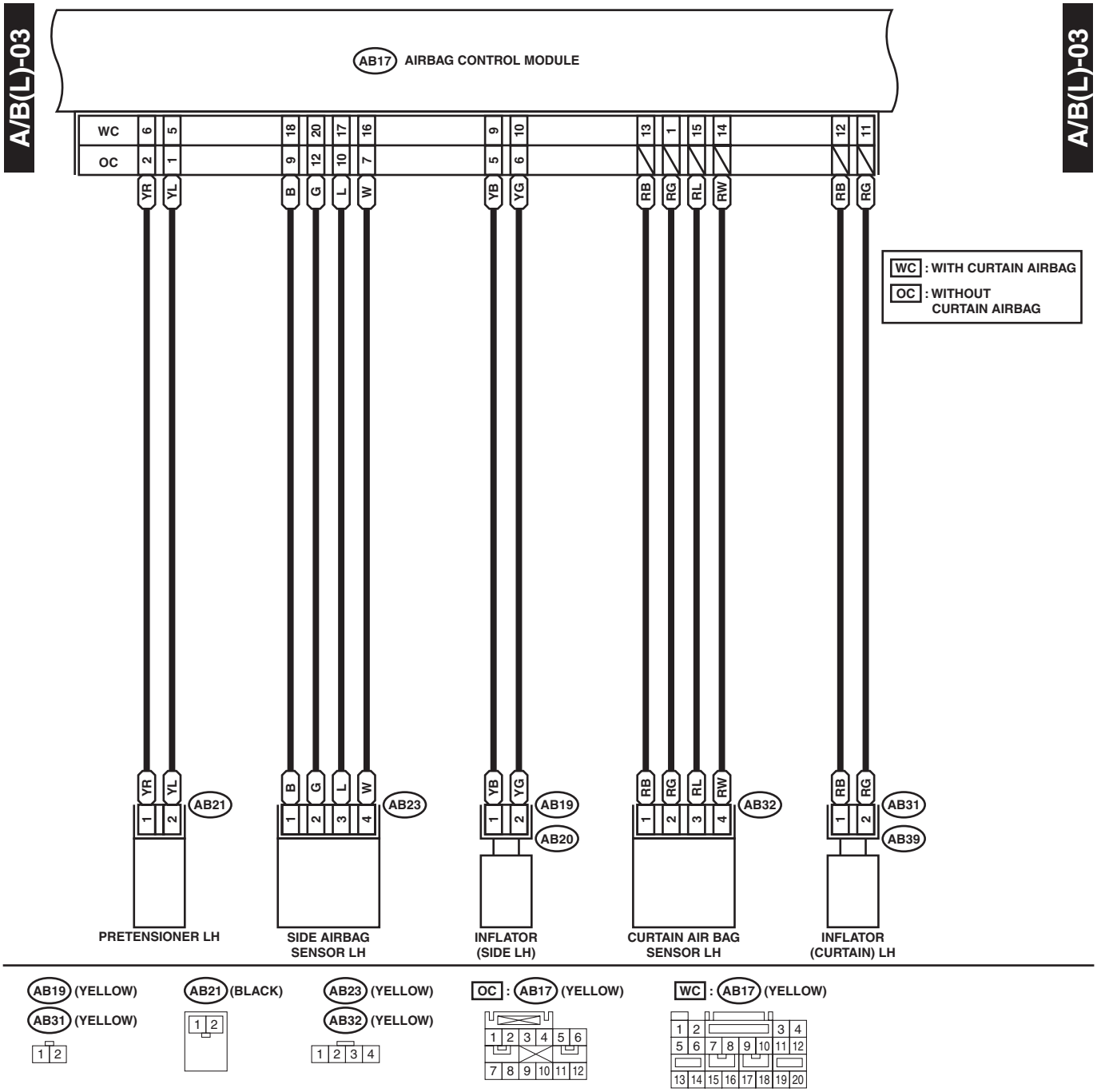
1. LHD MODEL



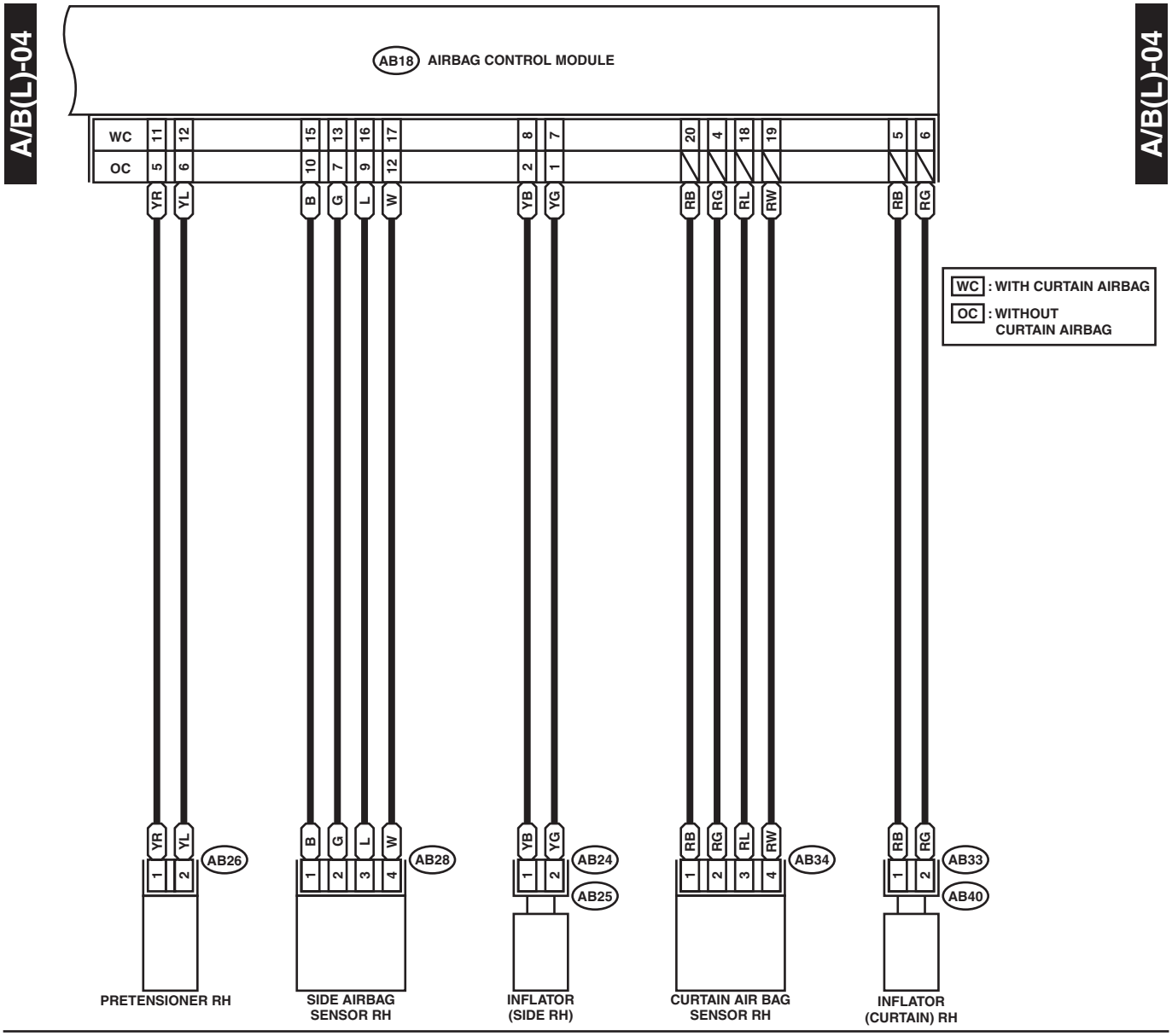
WI-03926


A/B(L)-02
A/B(L)-02
FRONT SUB SENSOR LH
FRONT SUB SENSOR RH
AB13
AB16
AB6 AIRBAG CONTROL MODULE
AB9
AB10
AB2
AB7
ROLL CONNECTOR
AB37
AB38
INFLATOR (PASSENGER SIDE)
INFLATOR (DRIVER SIDE)
GAB-1
GAB-2
AB37 (ORANGE)
AB38 (BLACK)
AB13 (YELLOW)
AB16 (YELLOW)
AB2 (YELLOW)
AB9 (YELLOW)
AB6 (YELLOW)

WI-03927

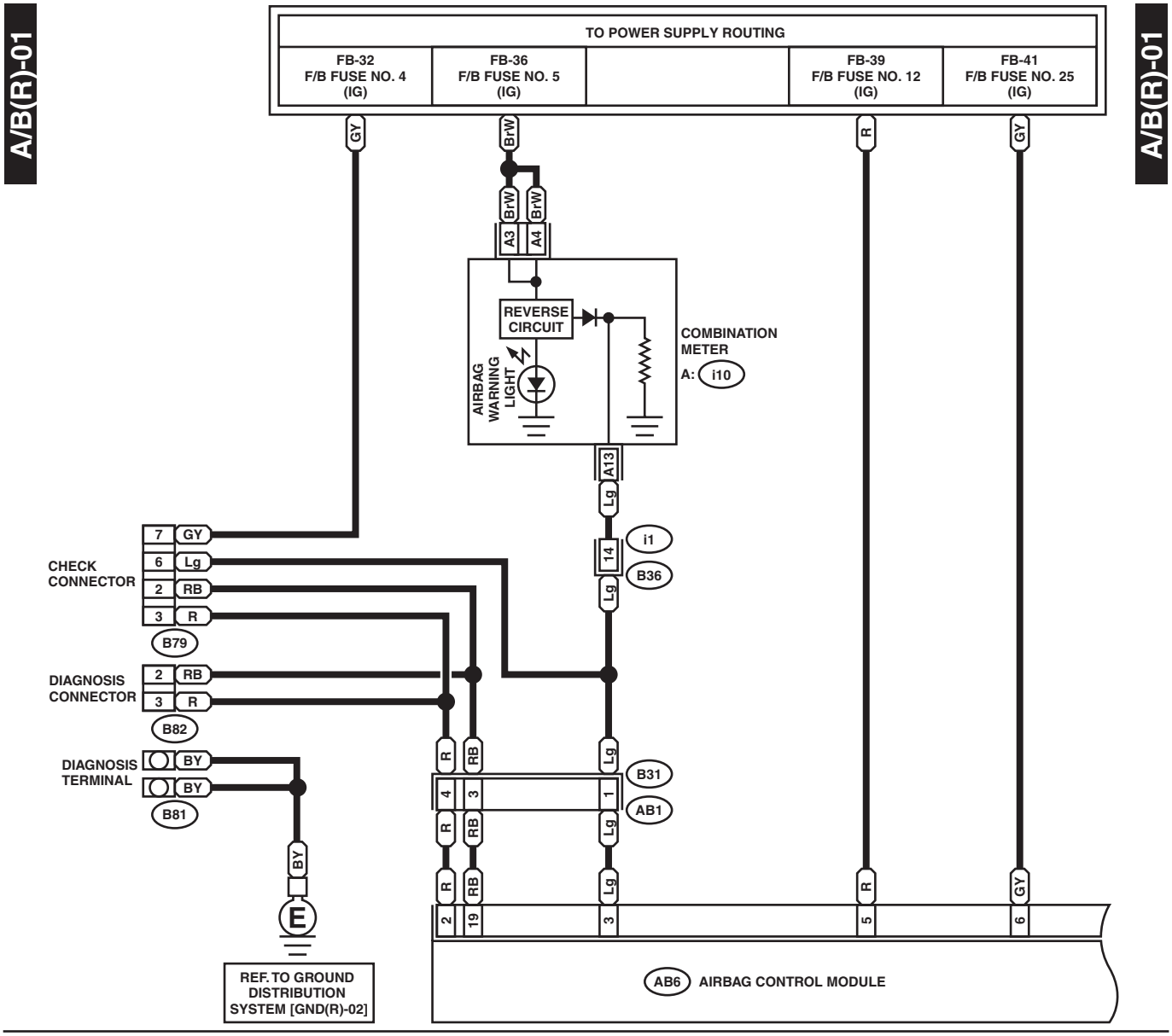

A/B(L)-03
A/B(L)-03
AB17 AIRBAG CONTROL MODULE
WC
OC
WC : WITH CURTAIN AIRBAG
OC : WITHOUT CURTAIN AIRBAG
YR
YL
B
G
L
W
YB
YG
RB
RG
RL
RW
AB21
AB23
AB19
AB20
AB32
AB31
AB39
PRETENSIONER LH
SIDE AIRBAG SENSOR LH
INFLATOR (SIDE LH)
CURTAIN AIR BAG SENSOR LH
INFLATOR (CURTAIN) LH
AB19 (YELLOW)
AB31 (YELLOW)
AB21 (BLACK)
AB23 (YELLOW)
AB32 (YELLOW)
OC : AB17 (YELLOW)
WC : AB17 (YELLOW)

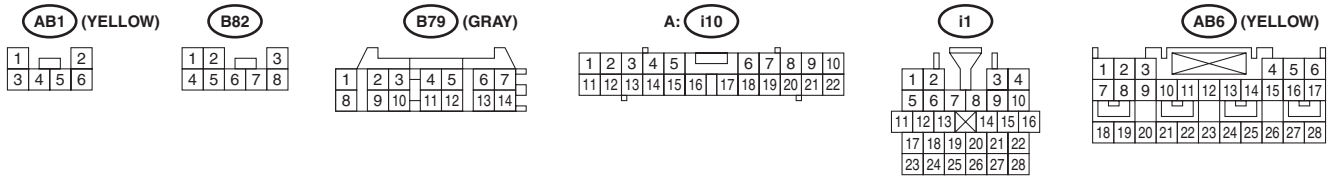
WI-03928


A/B(L)-04
A/B(L)-04
AB18 AIRBAG CONTROL MODULE
WC
OC
WC : WITH CURTAIN AIRBAG
OC : WITHOUT CURTAIN AIRBAG
PRETENSIONER RH
SIDE AIRBAG SENSOR RH
INFLATOR (SIDE RH)
CURTAIN AIR BAG SENSOR RH
INFLATOR (CURTAIN) RH
AB24 (YELLOW)
AB33 (YELLOW)
AB26 (BLACK)
AB28 (YELLOW)
AB34 (YELLOW)
OC : AB18 (YELLOW)
WC : AB18 (YELLOW)

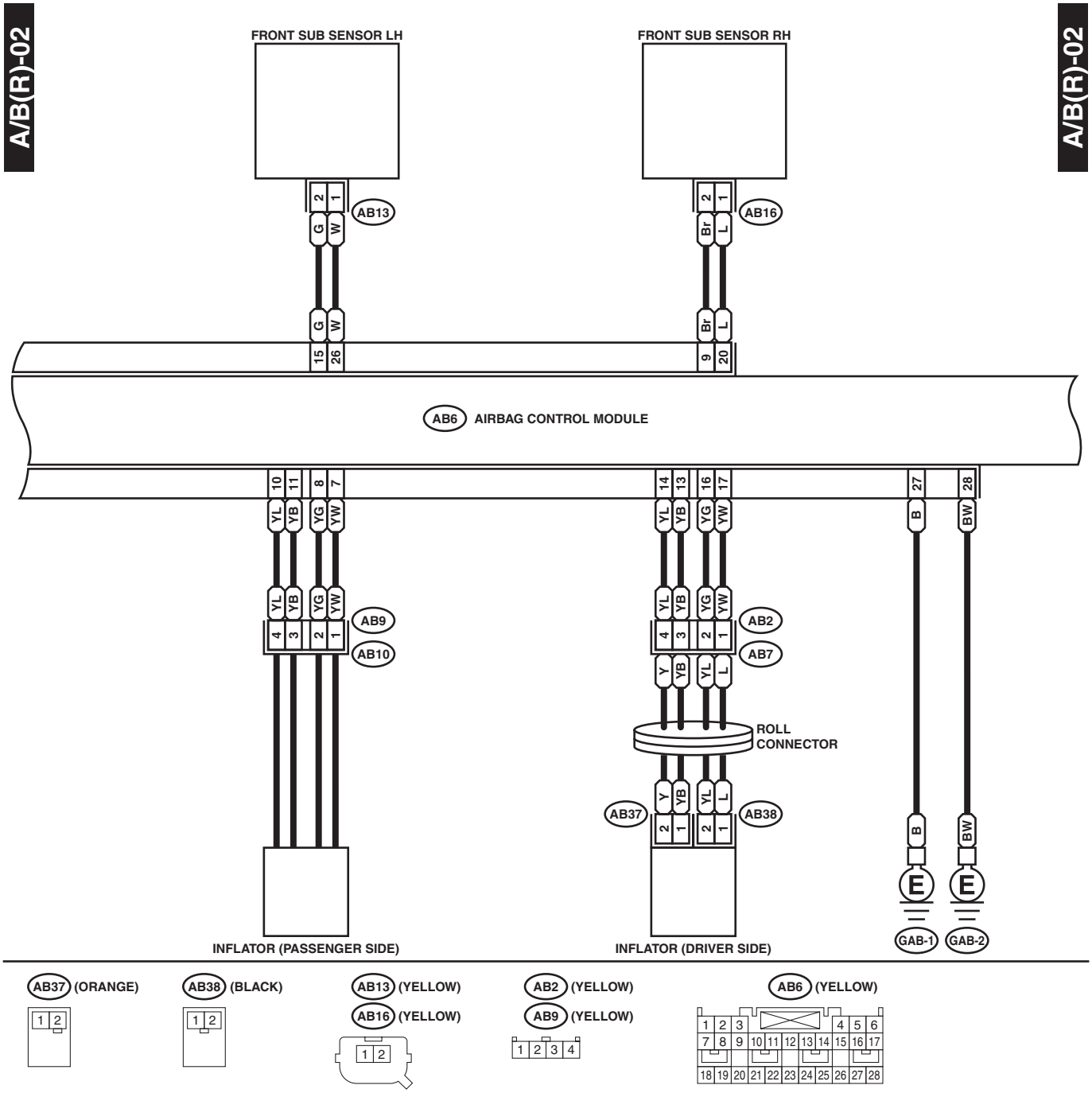
WI-03929

2. RHD MODEL

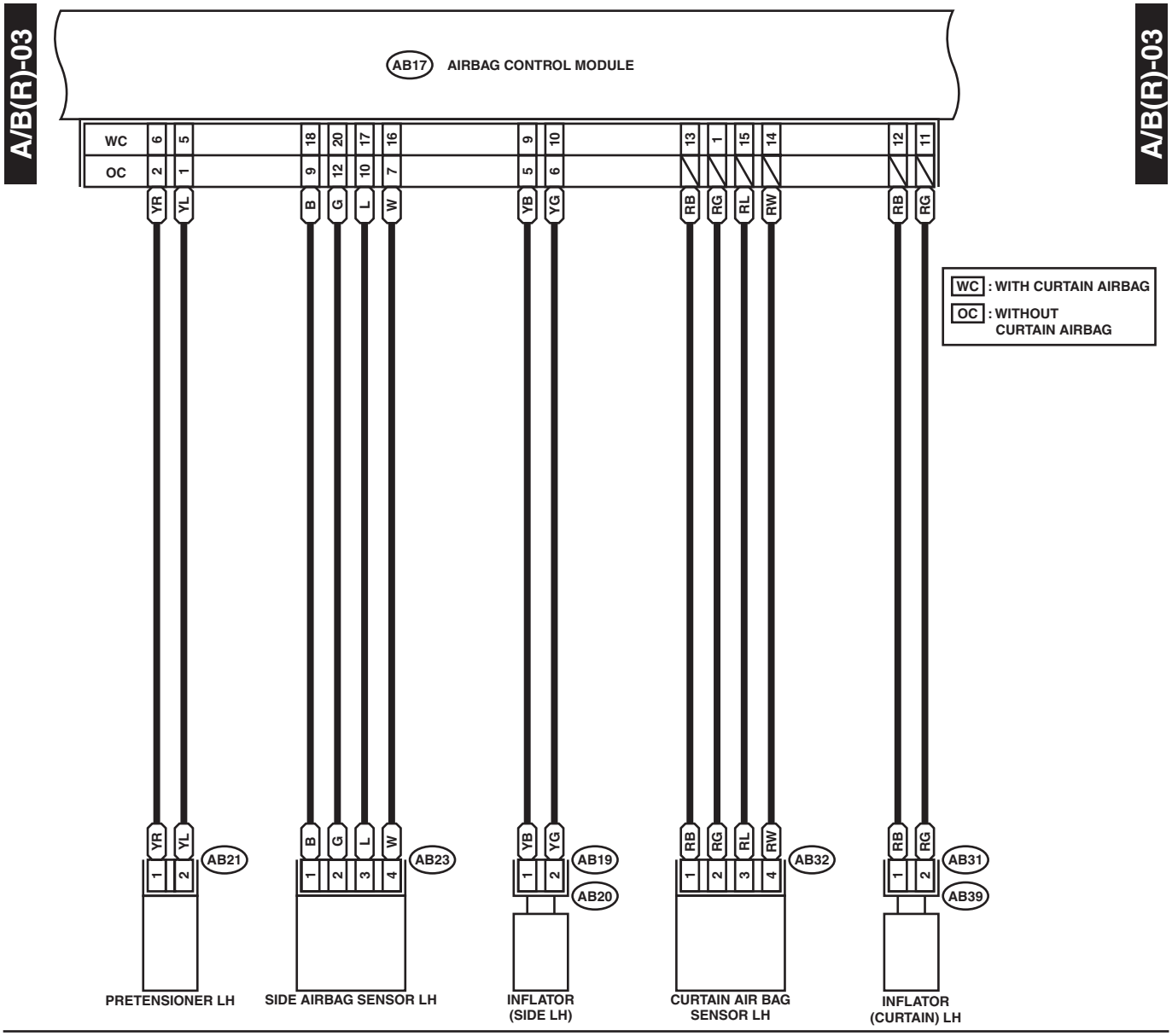




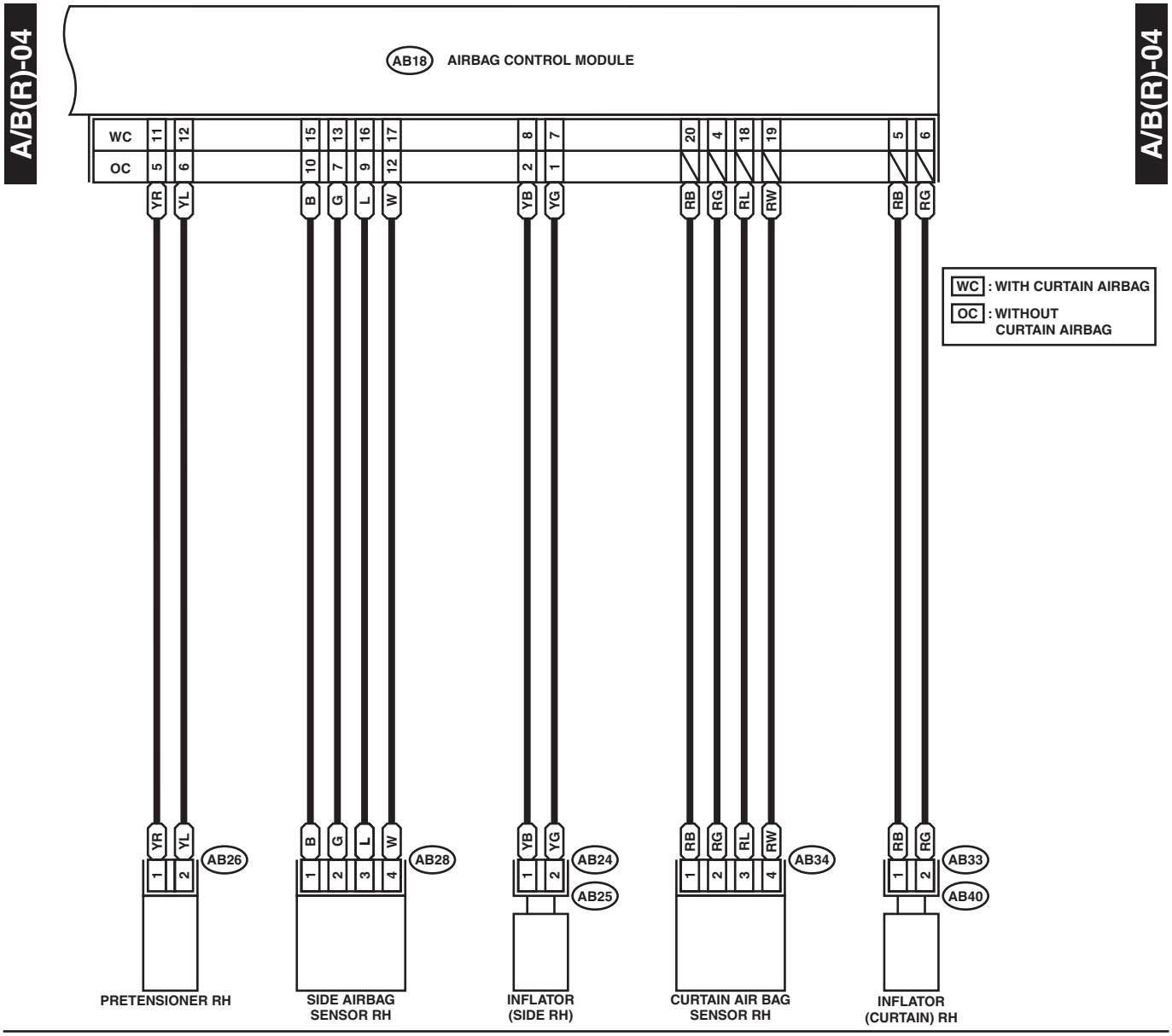
WI-03930


A/B(R)-02
A/B(R)-02
FRONT SUB SENSOR LH
FRONT SUB SENSOR RH
AB13
AB16
AB6 AIRBAG CONTROL MODULE
AB9
AB10
AB2
AB7
ROLL CONNECTOR
AB37
AB38
INFLATOR (PASSENGER SIDE)
INFLATOR (DRIVER SIDE)
GAB-1
GAB-2
AB37 (ORANGE)
AB38 (BLACK)
AB13 (YELLOW)
AB16 (YELLOW)
AB2 (YELLOW)
AB9 (YELLOW)
AB6 (YELLOW)

WI-03931


A/B(R)-03
A/B(R)-03
AB17 AIRBAG CONTROL MODULE
WC
OC
WC : WITH CURTAIN AIRBAG
OC : WITHOUT CURTAIN AIRBAG
AB21
AB23
AB19
AB20
AB32
AB31
AB39
PRETENSIONER LH
SIDE AIRBAG SENSOR LH
INFLATOR (SIDE LH)
CURTAIN AIR BAG SENSOR LH
INFLATOR (CURTAIN) LH
AB19 (YELLOW)
AB31 (YELLOW)
AB21 (BLACK)
AB23 (YELLOW)
AB32 (YELLOW)
OC : AB17 (YELLOW)
WC : AB17 (YELLOW)

WI-03932

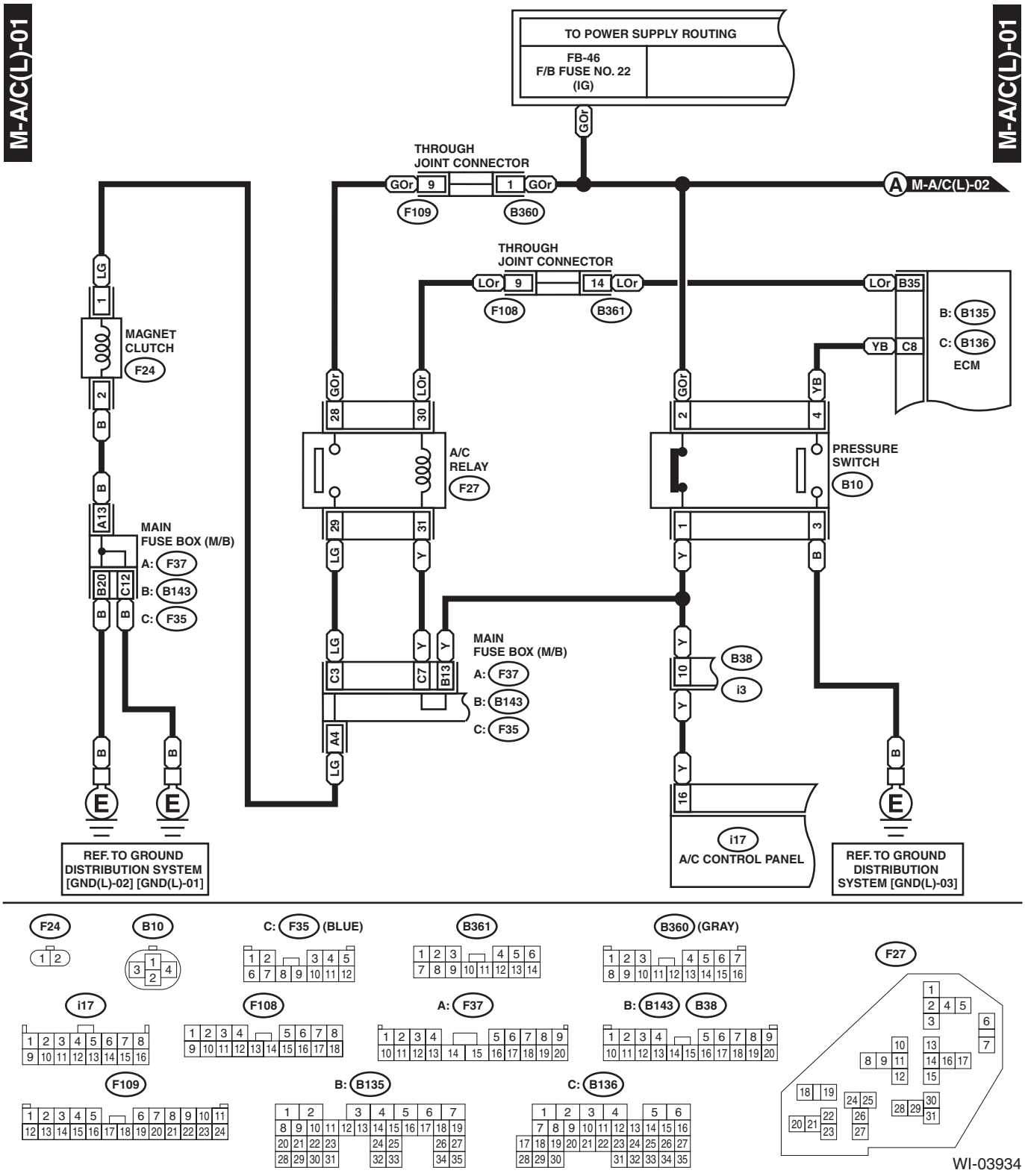

A/B(R)-04
A/B(R)-04
AB18 AIRBAG CONTROL MODULE
WC
OC
WC : WITH CURTAIN AIRBAG
OC : WITHOUT CURTAIN AIRBAG
AB26
AB28
AB24
AB25
AB34
AB33
AB40
PRETENSIONER RH
SIDE AIRBAG SENSOR RH
INFLATOR (SIDE RH)
CURTAIN AIR BAG SENSOR RH
INFLATOR (CURTAIN) RH
AB24 (YELLOW)
AB33 (YELLOW)
AB26 (BLACK)
AB28 (YELLOW)
AB34 (YELLOW)
OC : AB18 (YELLOW)
WC : AB18 (YELLOW)

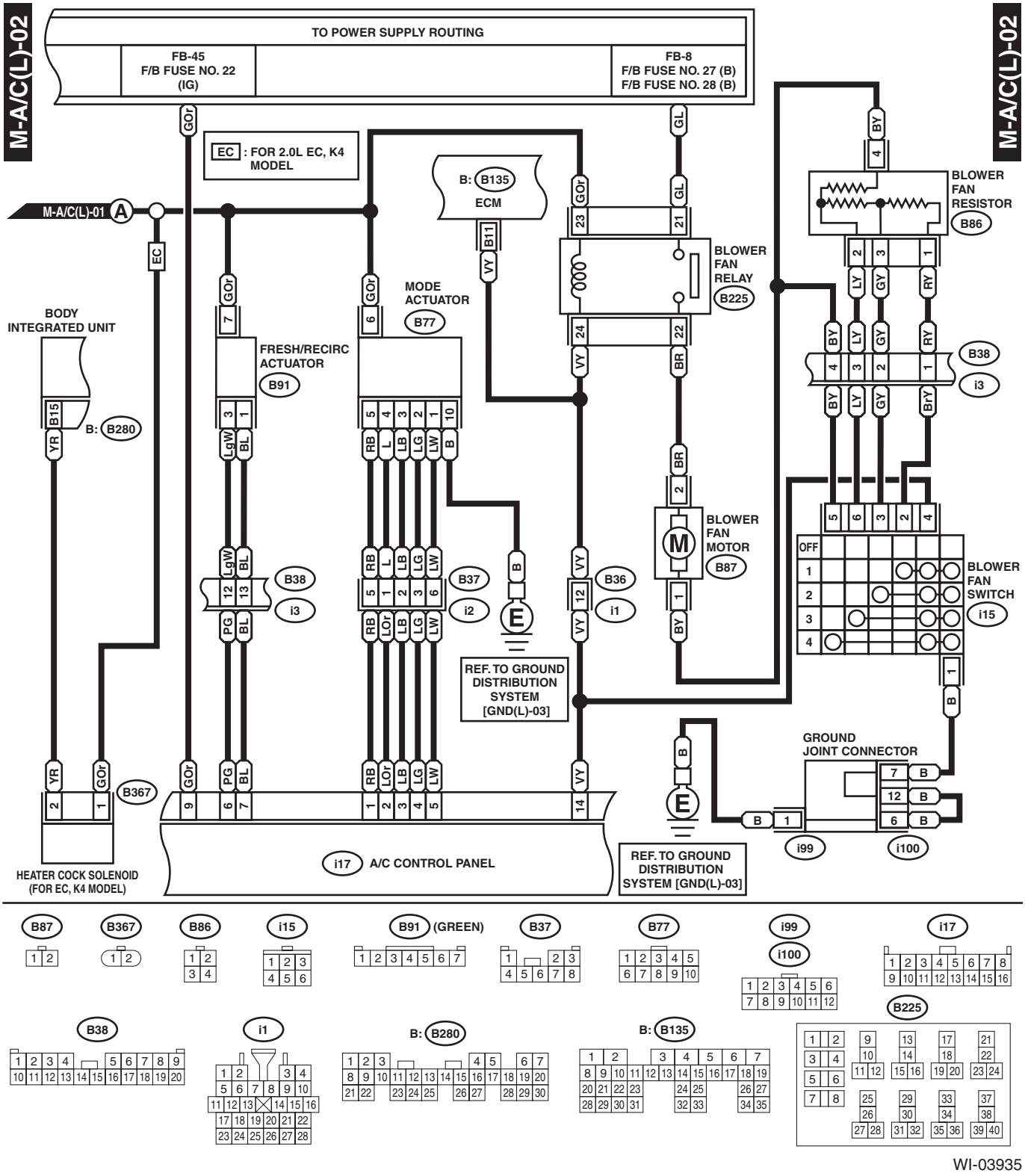
WI-03933

6. Air Conditioning System

A: WIRING DIAGRAM

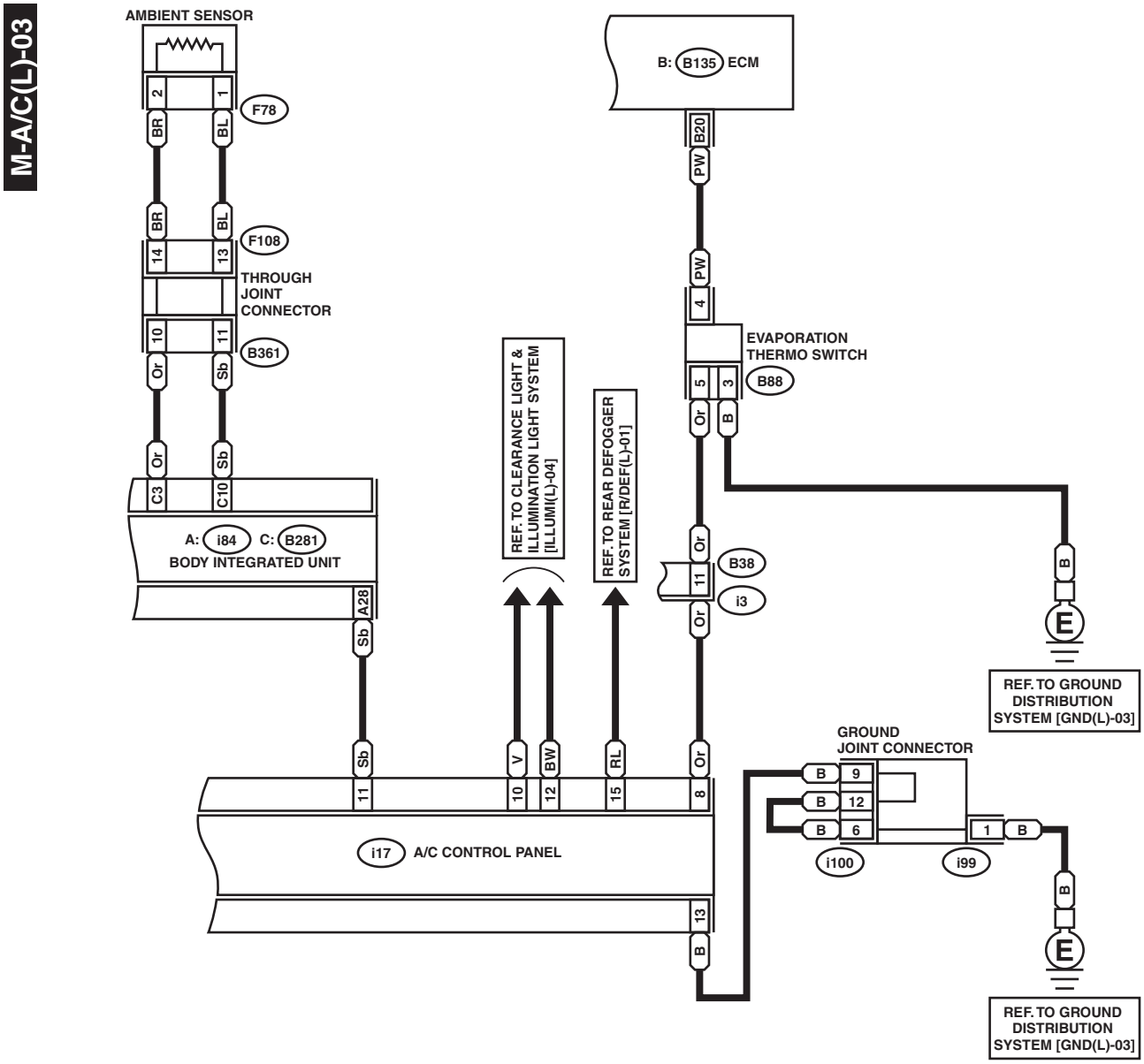
1. MANUAL A/C LHD MODEL

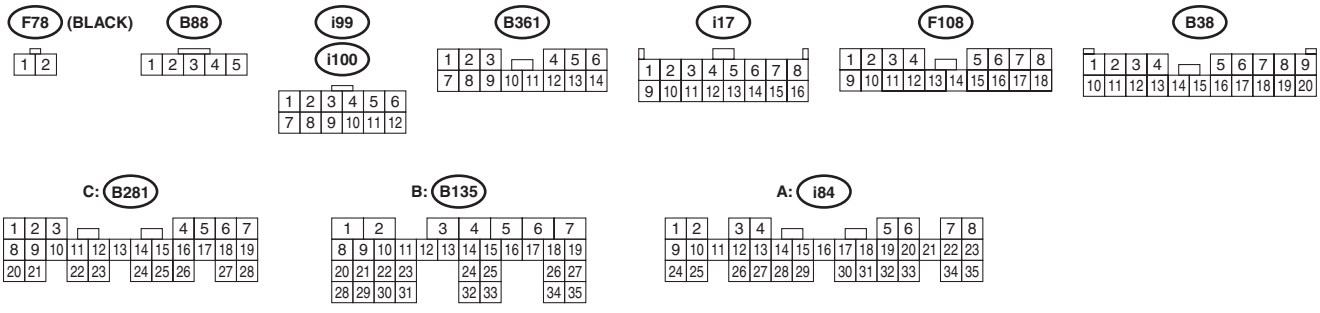



M-A/C(L)-02
TO POWER SUPPLY ROUTING
FB-45
F/B FUSE NO. 22
(IG)
FB-8
F/B FUSE NO. 27 (B)
F/B FUSE NO. 28 (B)
EC : FOR 2.0L EC, K4 MODEL
M-A/C(L)-01
B: B135
ECM
MODE ACTUATOR
B77
BLOWER FAN RESISTOR
B86
BLOWER FAN RELAY
B225
BODY INTEGRATED UNIT
B: B280
FRESH/RECIRC ACTUATOR
B91
BLOWER FAN MOTOR
B87
B38
i3
B37
i2
B36
i1
BLOWER FAN SWITCH
i15
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-03]
GROUND JOINT CONNECTOR
i99
i100
B367
HEATER COCK SOLENOID (FOR EC, K4 MODEL)
i17 A/C CONTROL PANEL
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-03]
B87
B367
B86
i15
B91 (GREEN)
B37
B77
i99
i100
i17
B38
i1
B: B280
B: B135
B225

WI-03935

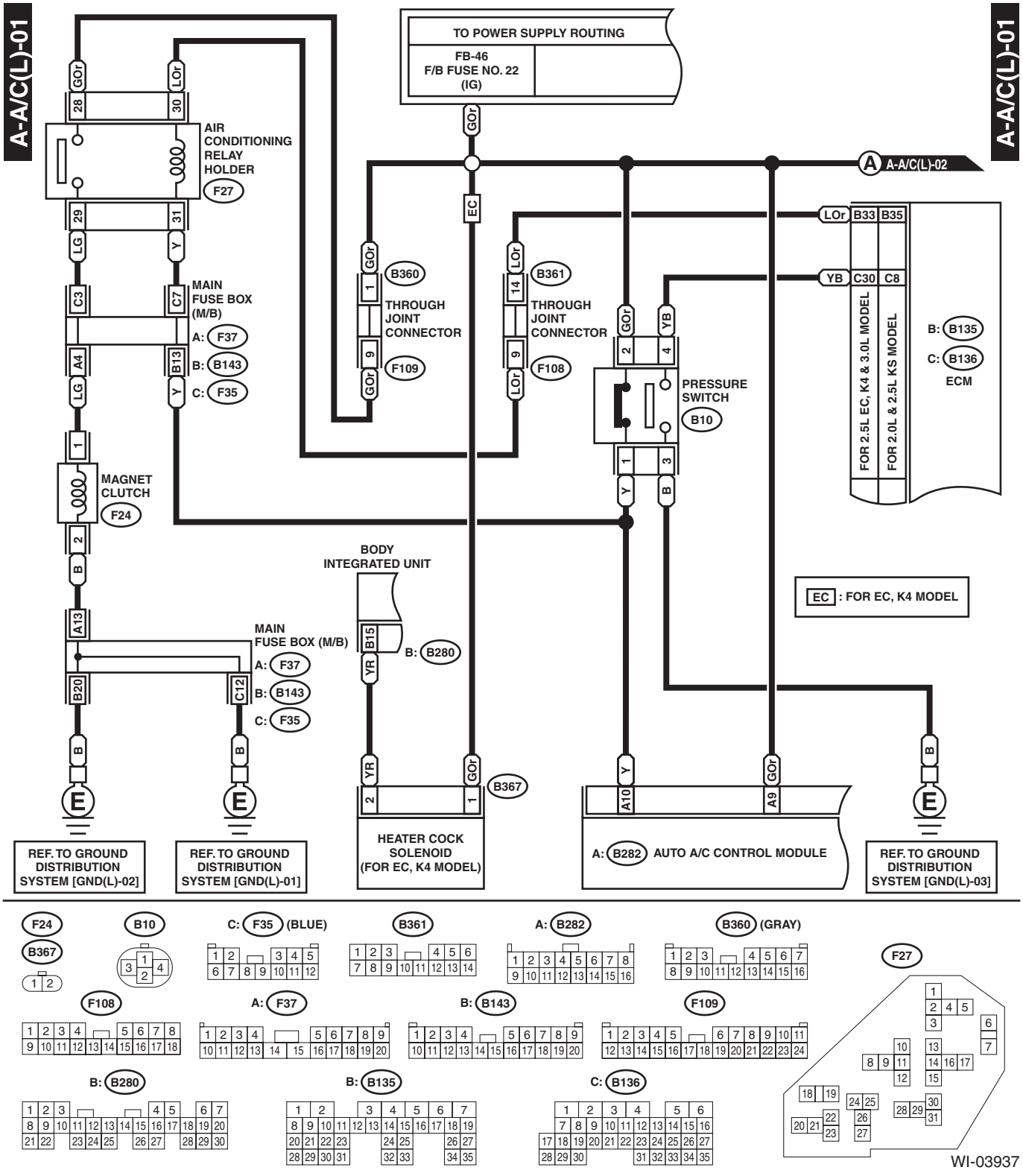
M-A/C(L)-03

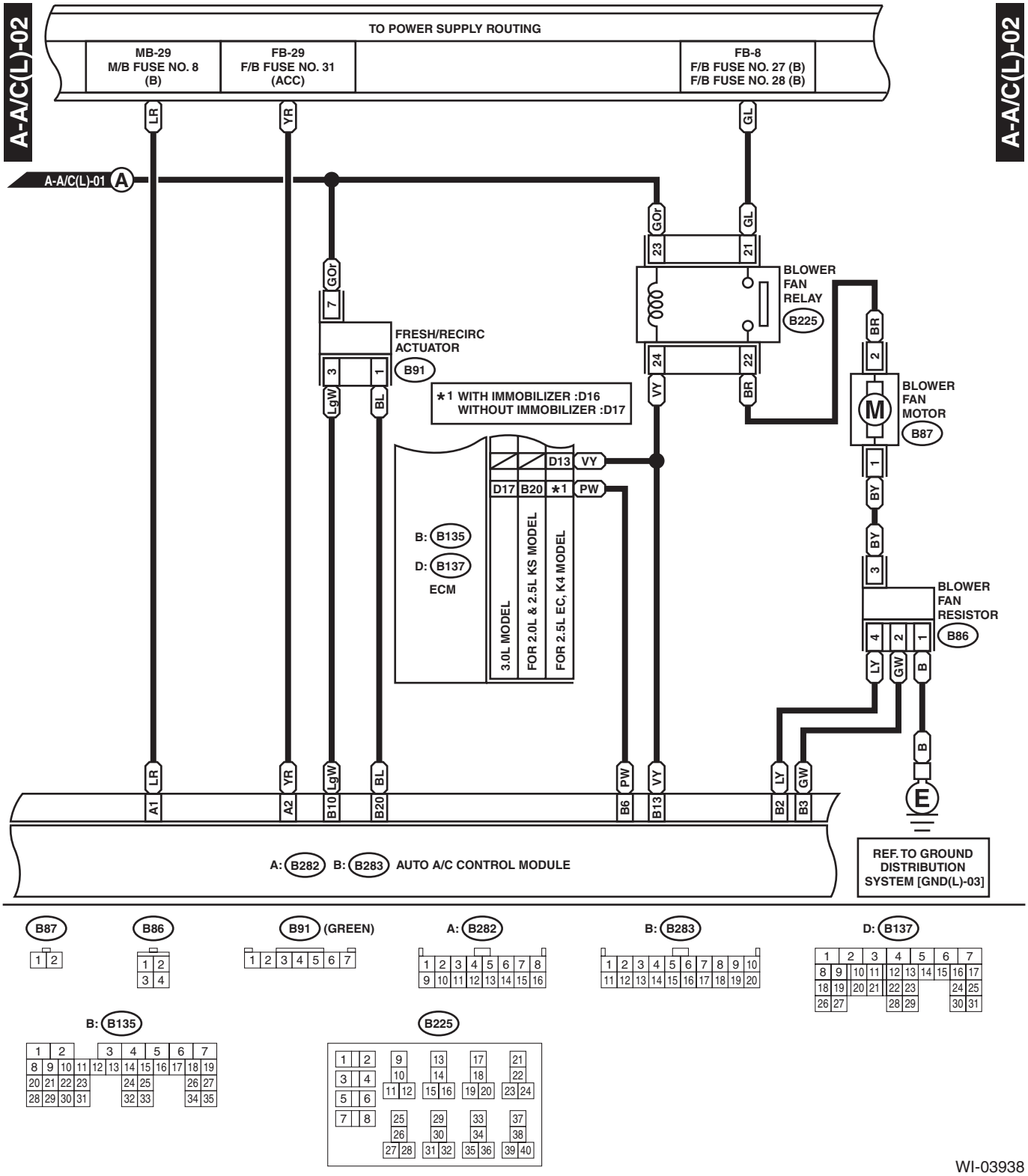




WI-03936

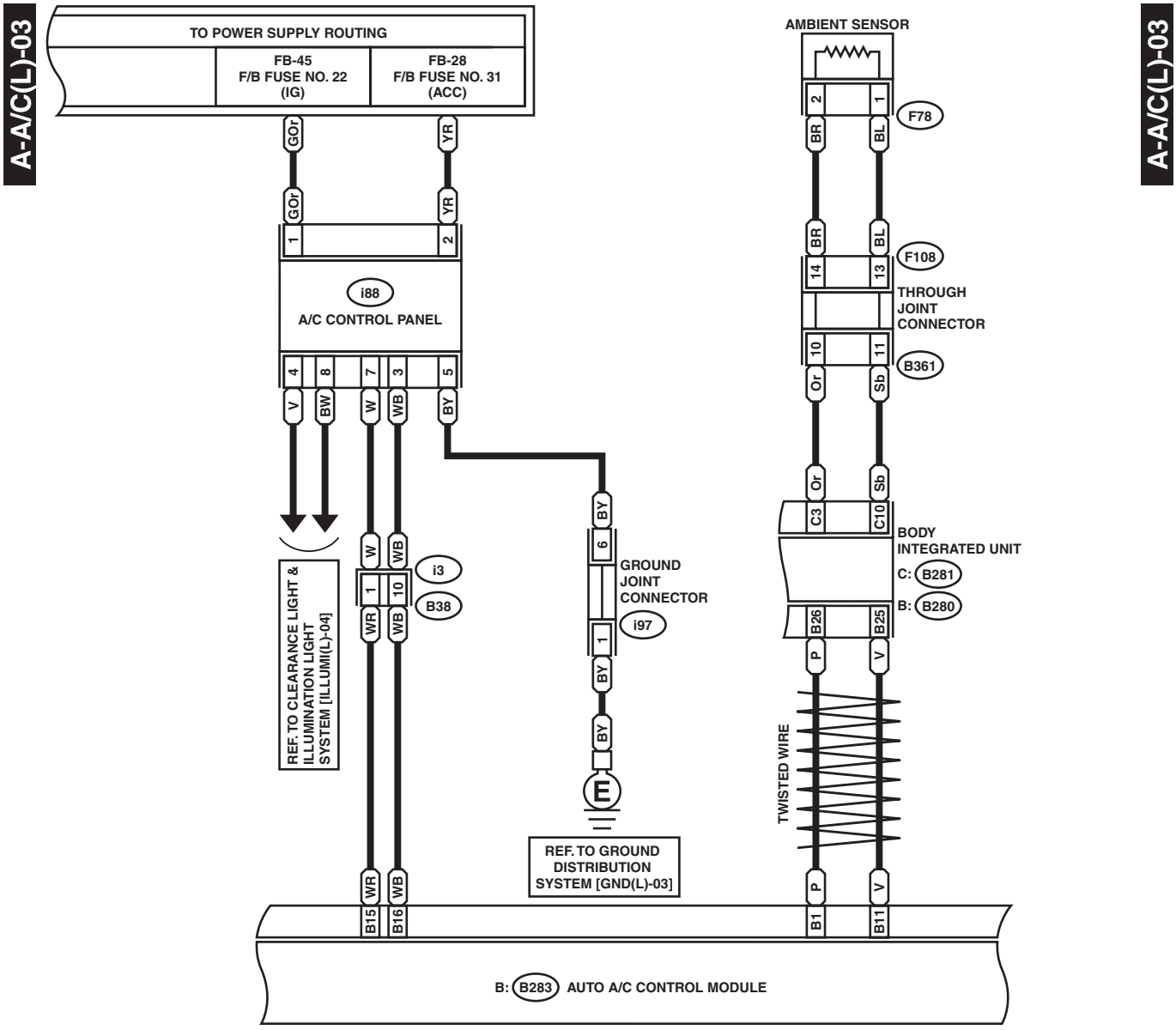
2. AUTO A/C LHD MODEL

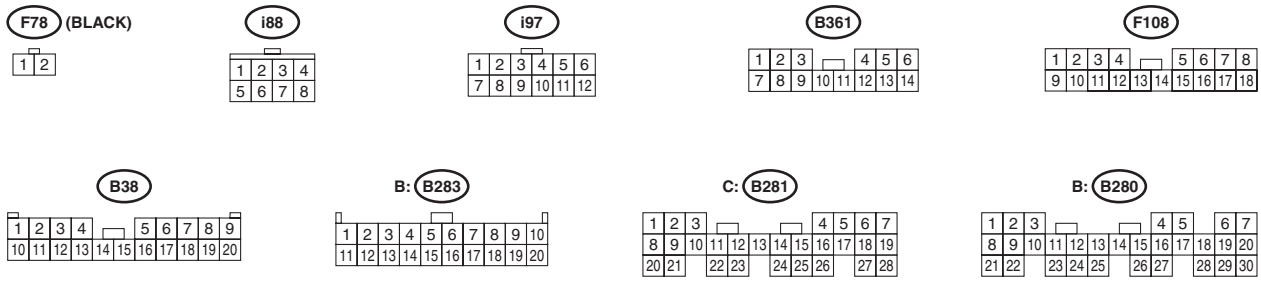



A-A/C(L)-02
A-A/C(L)-02
TO POWER SUPPLY ROUTING
MB-29
M/B FUSE NO. 8
(B)
FB-29
F/B FUSE NO. 31
(ACC)
FB-8
F/B FUSE NO. 27 (B)
F/B FUSE NO. 28 (B)
A-A/C(L)-01 A
LR
YR
GL
GOr
BLOWER FAN RELAY
B225
FRESH/RECIRC ACTUATOR
B91
LgW
BL
BR
BLOWER FAN MOTOR
B87
BY
BLOWER FAN RESISTOR
B86
LY
GW
B
VY
PW
∗1 WITH IMMOBILIZER :D16
WITHOUT IMMOBILIZER :D17
B: B135
D: B137
ECM
3.0L MODEL
FOR 2.0L & 2.5L KS MODEL
FOR 2.5L EC, K4 MODEL
A1
A2
B10
B20
B6
B13
B2
B3
A: B282 B: B283 AUTO A/C CONTROL MODULE
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-03]

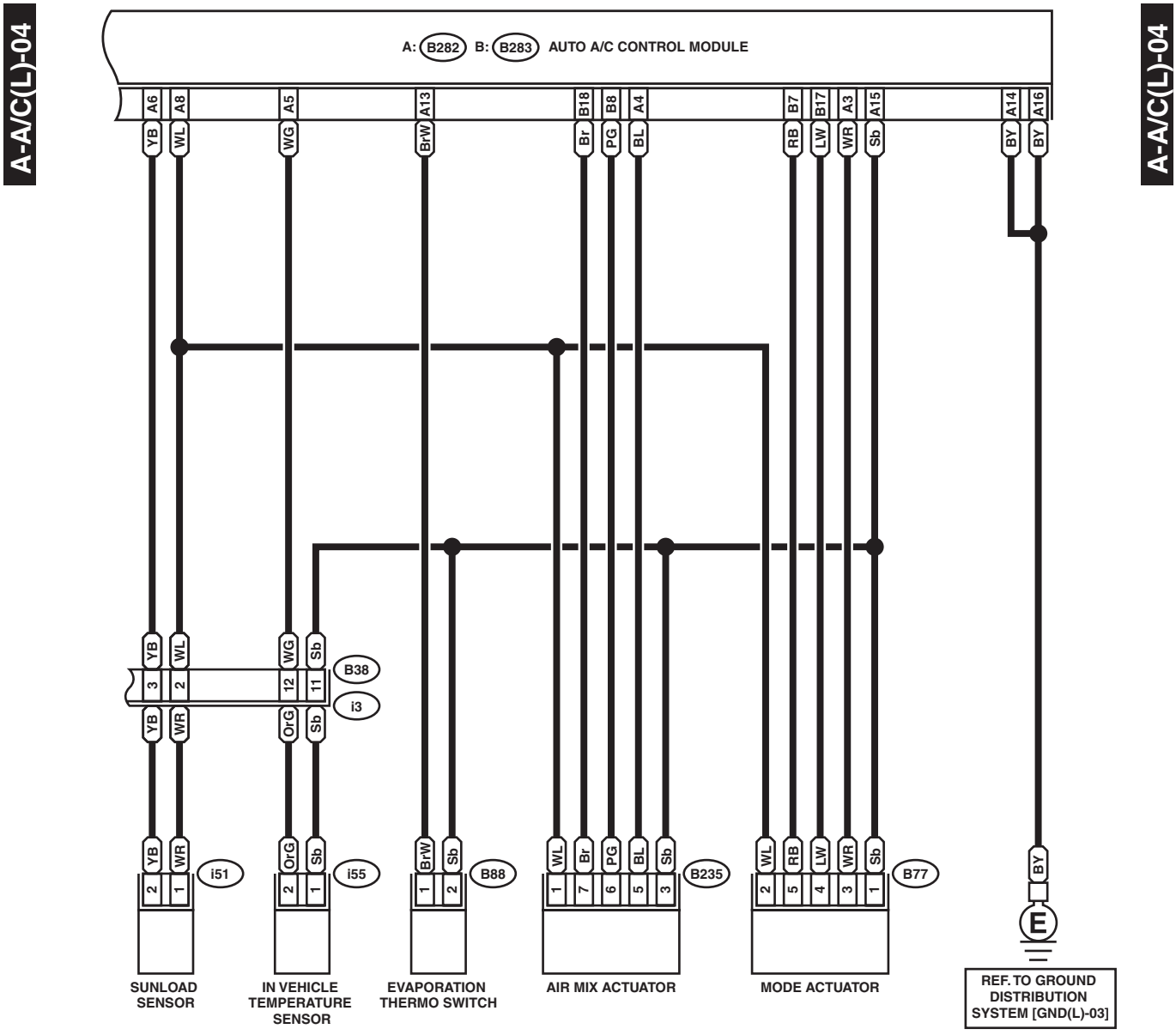
B87
B86
B91 (GREEN)
A: B282
B: B283
D: B137
B: B135
B225

WI-03938


A-A/C(L)-03
TO POWER SUPPLY ROUTING
FB-45
F/B FUSE NO. 22
(IG)
FB-28
F/B FUSE NO. 31
(ACC)
AMBIENT SENSOR
F78
F108
THROUGH
JOINT
CONNECTOR
B361
i88
A/C CONTROL PANEL
BODY
INTEGRATED UNIT
C: B281
B: B280
i3
B38
GROUND
JOINT
CONNECTOR
i97
REF. TO CLEARANCE LIGHT &
ILLUMINATION LIGHT
SYSTEM [ILLUMI(L)-04]
TWISTED WIRE
REF. TO GROUND
DISTRIBUTION
SYSTEM [GND(L)-03]
B: B283 AUTO A/C CONTROL MODULE

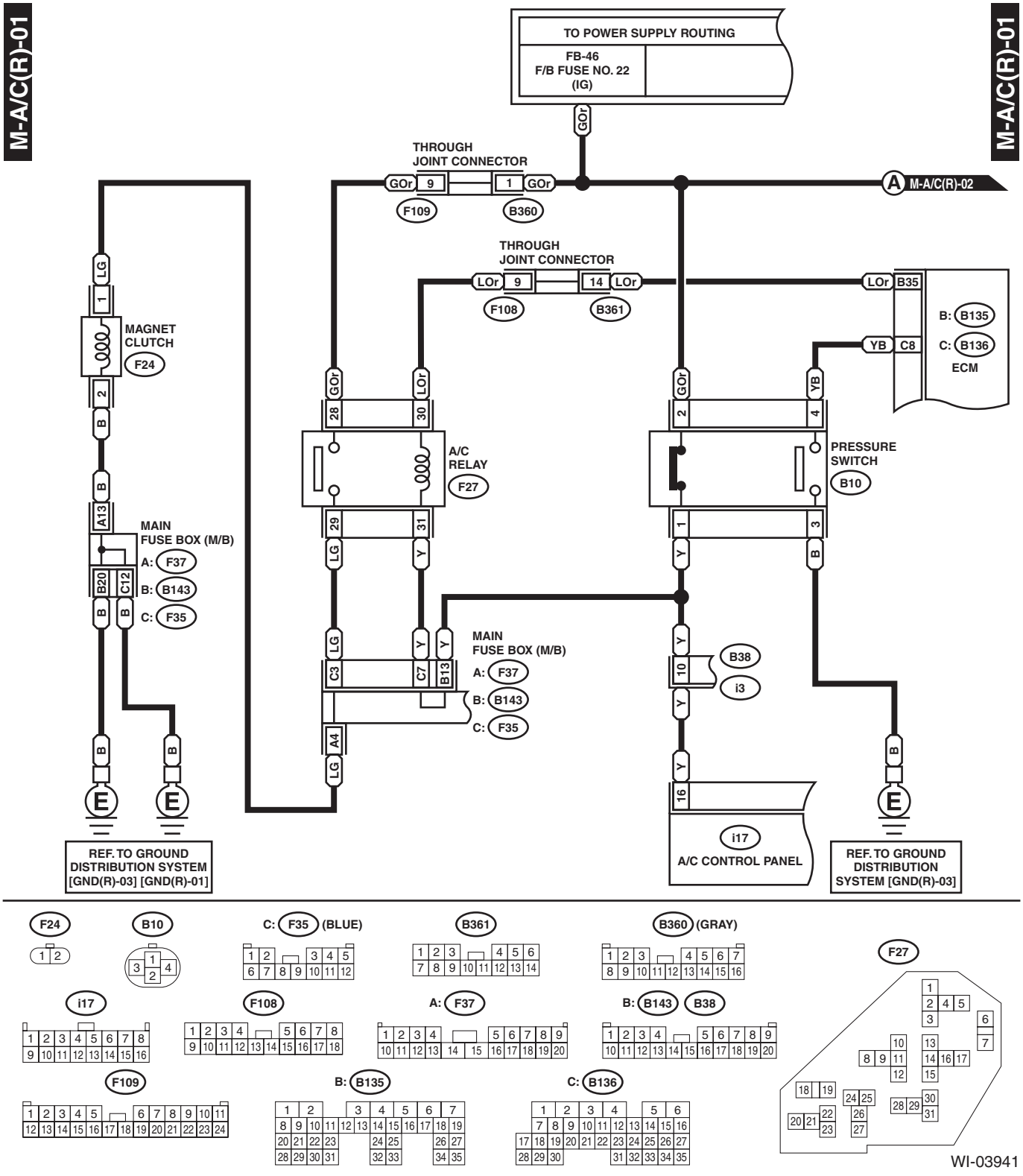

F78 (BLACK)
i88
i97
B361
F108
B38
B: B283
C: B281
B: B280

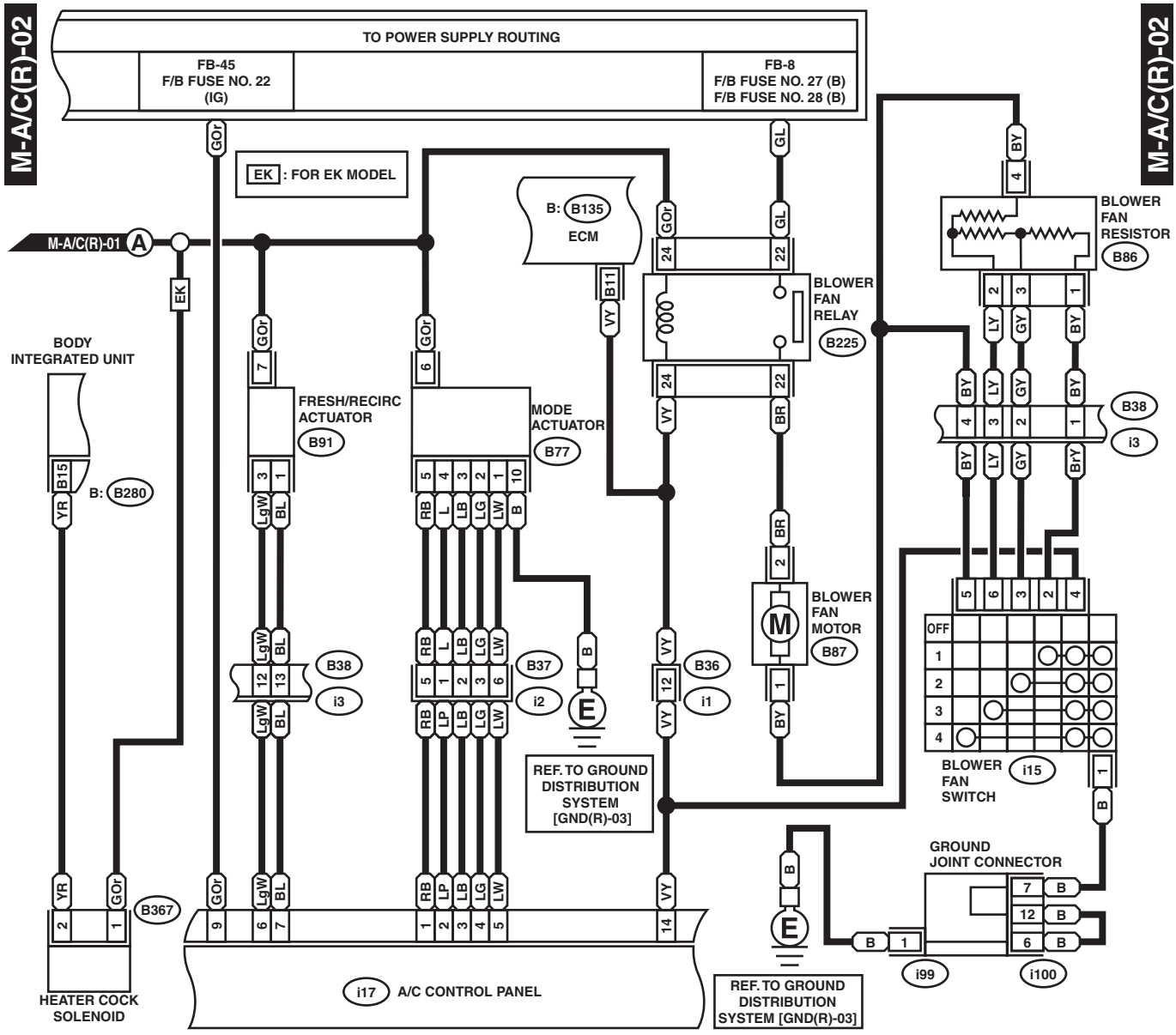
WI-03939

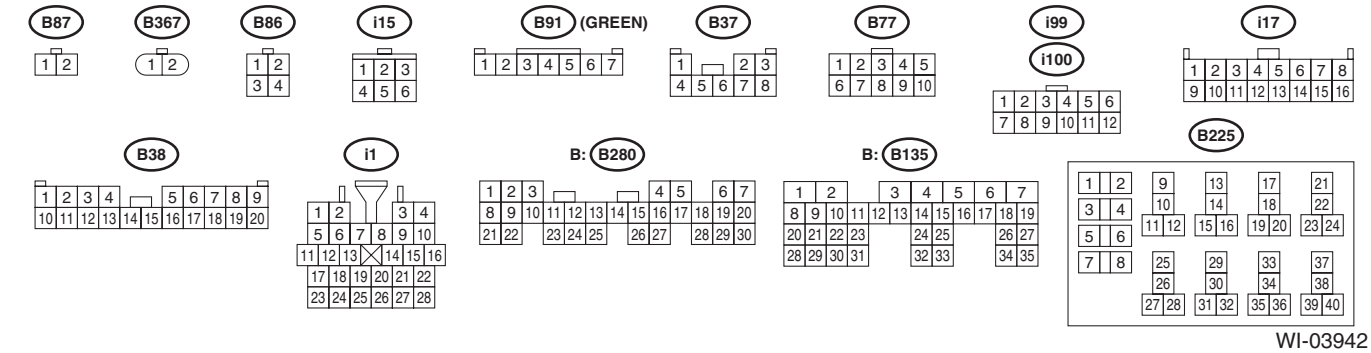

A-A/C(L)-04
A-A/C(L)-04
A: B282 B: B283 AUTO A/C CONTROL MODULE
A6 A8 A5 A13 B18 B8 A4 B7 B17 A3 A15 A14 A16
YB WL WG BrW Br PG BL RB LW WR Sb BY BY
B38
i3
i51
i55
B88
B235
B77
SUNLOAD SENSOR
IN VEHICLE TEMPERATURE SENSOR
EVAPORATION THERMO SWITCH
AIR MIX ACTUATOR
MODE ACTUATOR
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-03]
B88
i51
i55
B77
B235 (GREEN)
A: B282
B38
B: B283

WI-03940

3. MANUAL A/C RHD MODEL

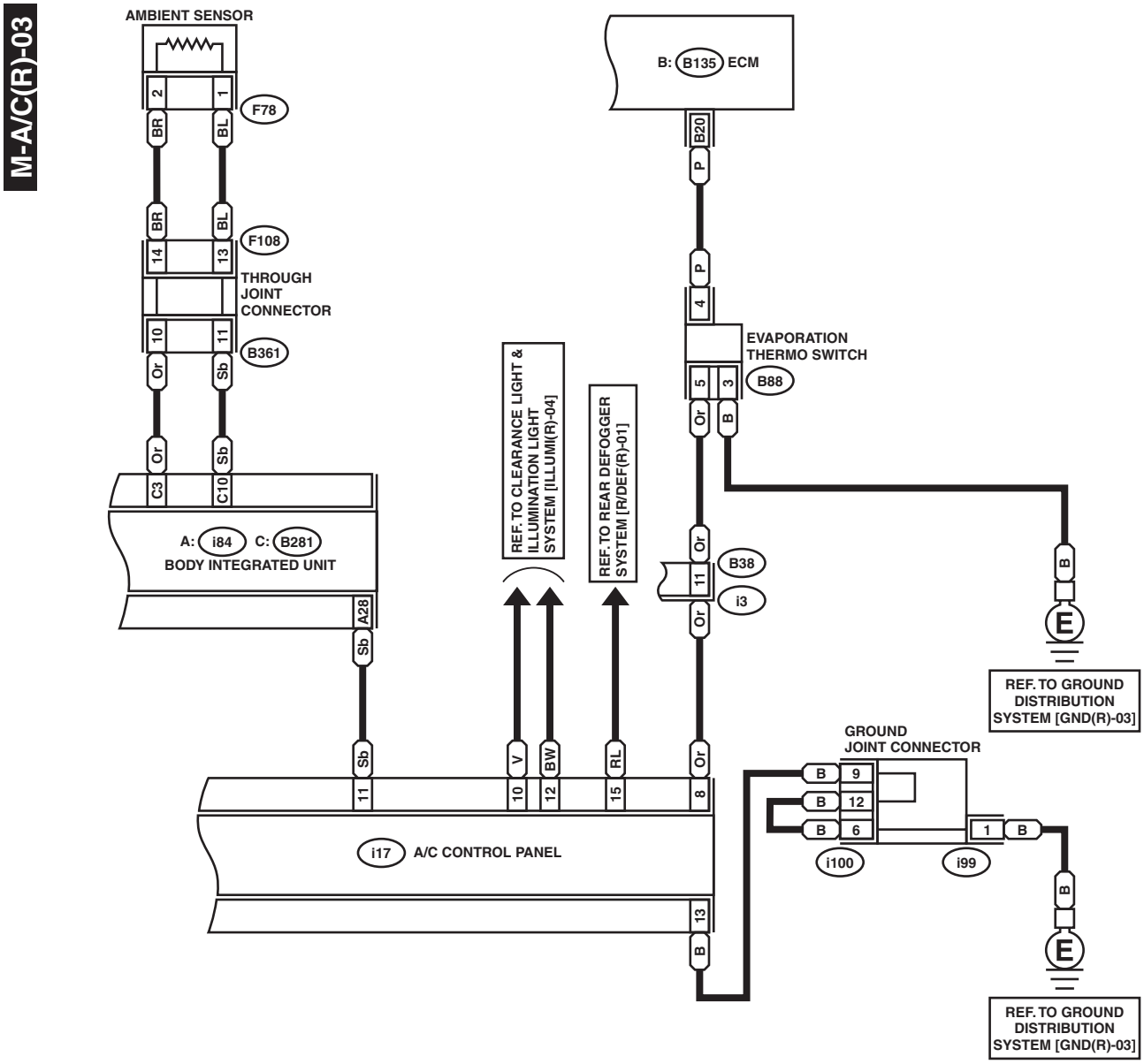


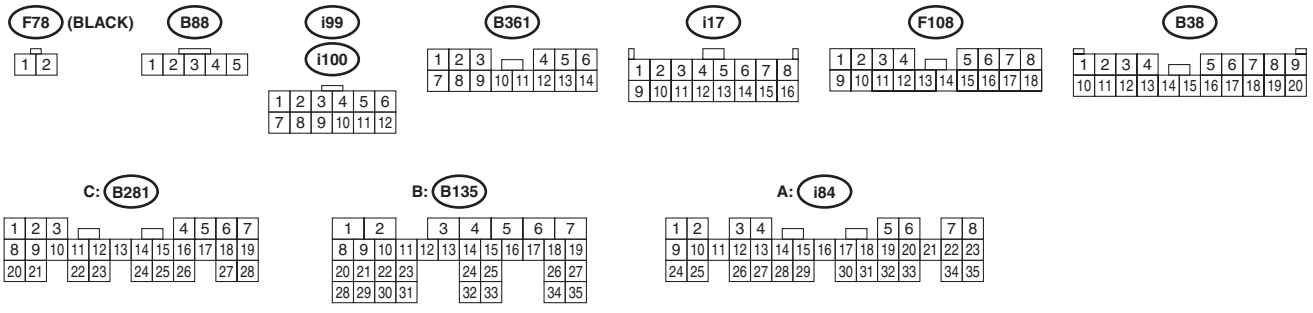

M-A/C(R)-02
TO POWER SUPPLY ROUTING
FB-45
F/B FUSE NO. 22
(IG)
FB-8
F/B FUSE NO. 27 (B)
F/B FUSE NO. 28 (B)
EK : FOR EK MODEL
M-A/C(R)-01
A
B: B135
ECM
BLOWER FAN RESISTOR
B86
BLOWER FAN RELAY
B225
BODY INTEGRATED UNIT
B: B280
FRESH/RECIRC ACTUATOR
B91
MODE ACTUATOR
B77
B38
i3
BLOWER FAN MOTOR
B87
B37
i2
B36
i1
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-03]
BLOWER FAN SWITCH
i15
GROUND JOINT CONNECTOR
B367
HEATER COCK SOLENOID
i17 A/C CONTROL PANEL
i99
i100
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-03]


B87
B367
B86
i15
B91 (GREEN)
B37
B77
i99
i100
i17
B38
i1
B: B280
B: B135
B225

WI-03942

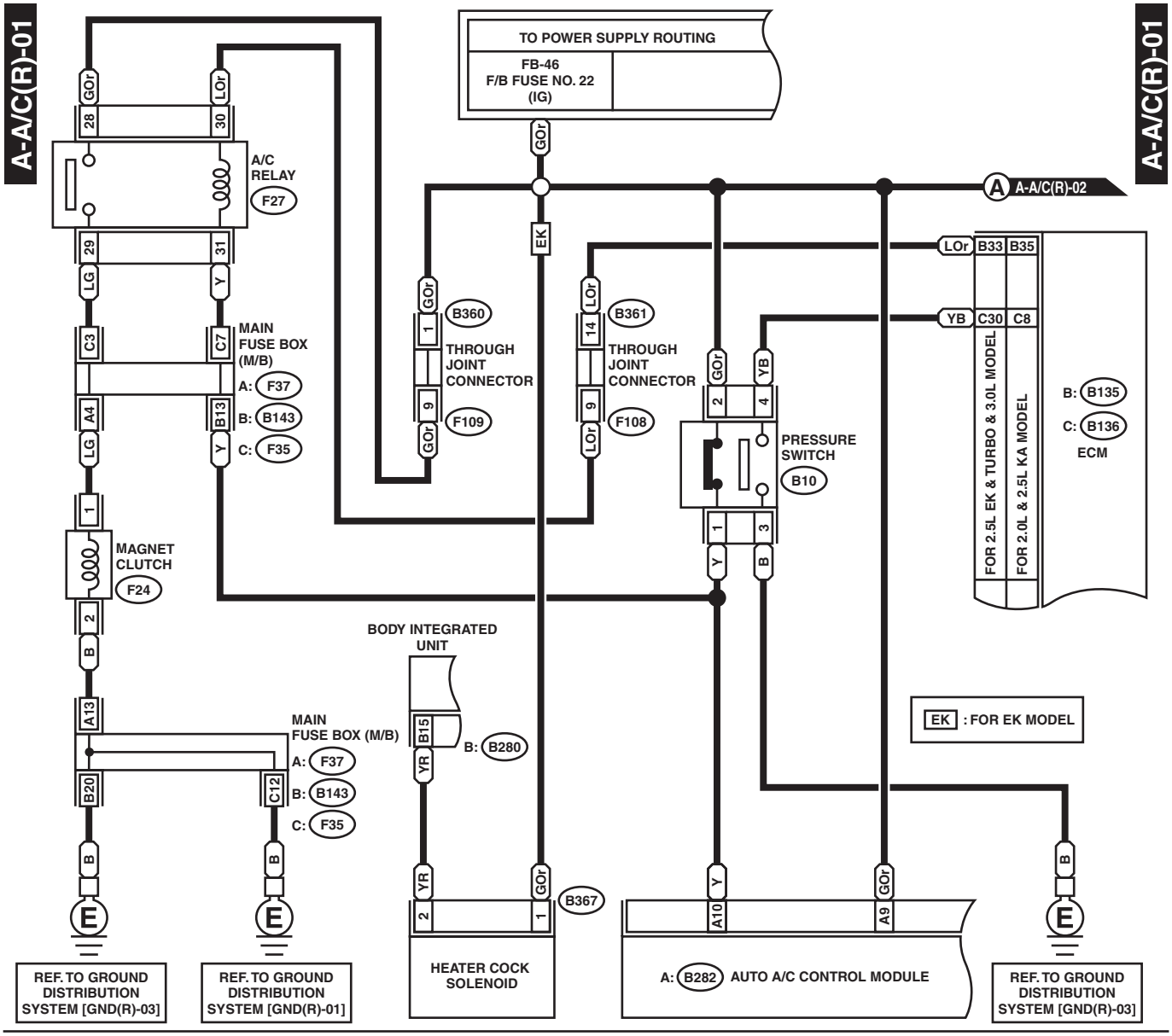
M-A/C(R)-03

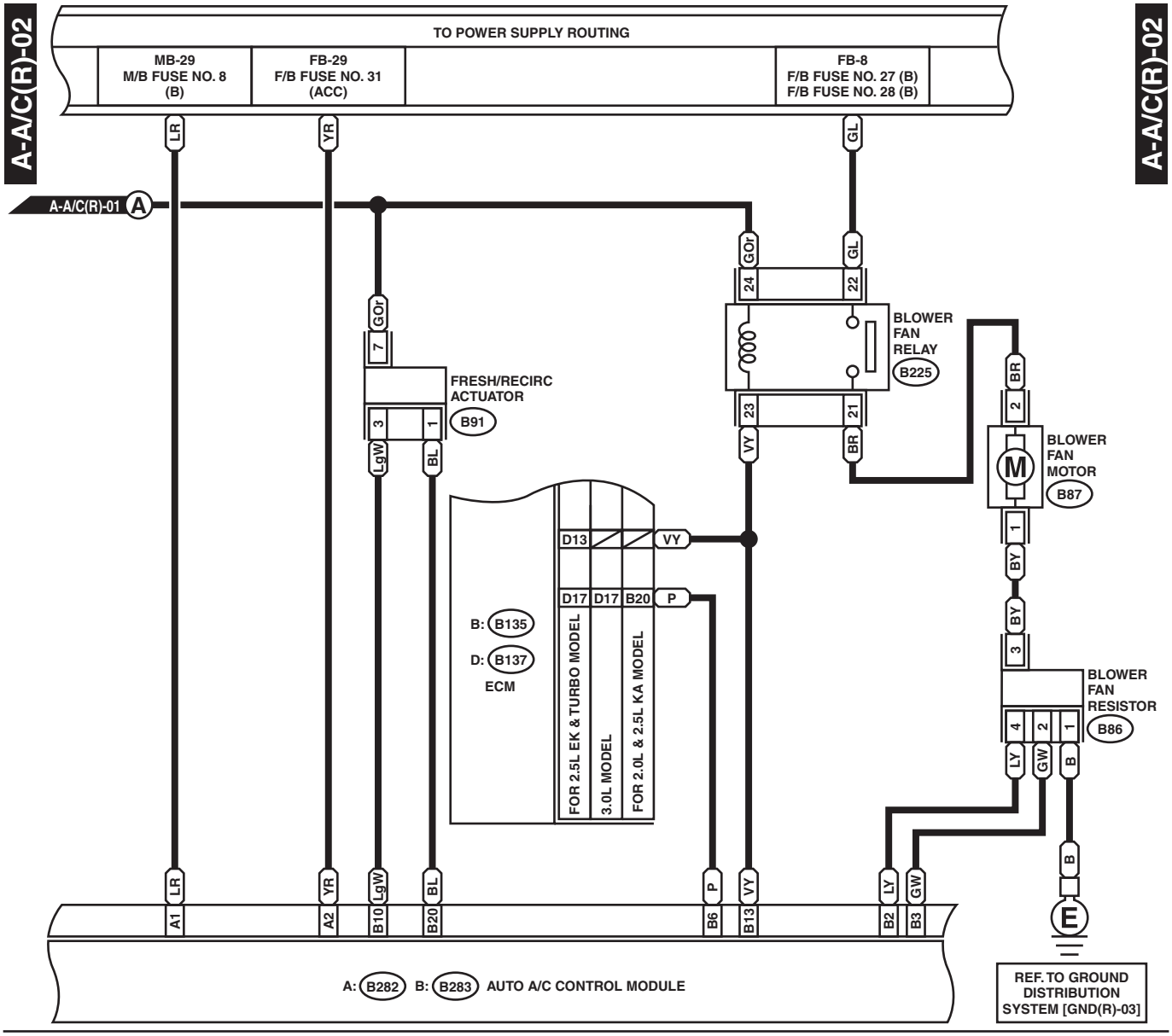


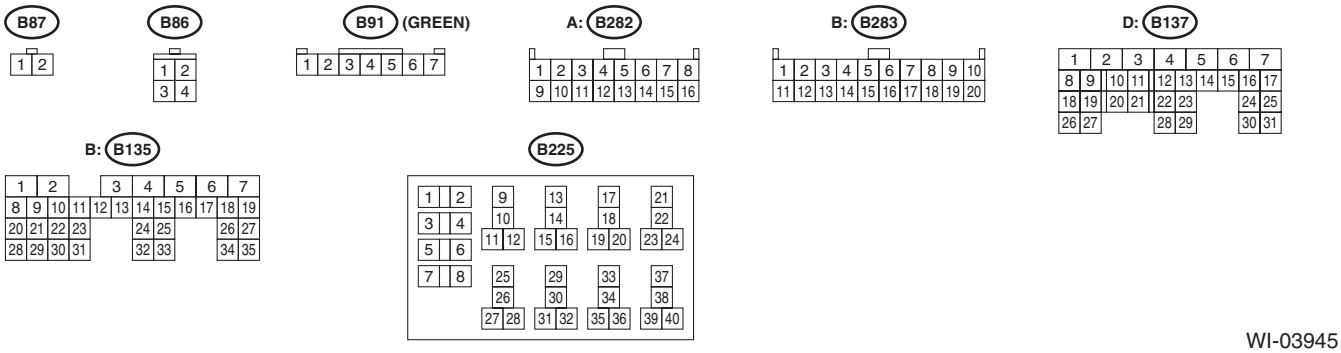


WI-03943

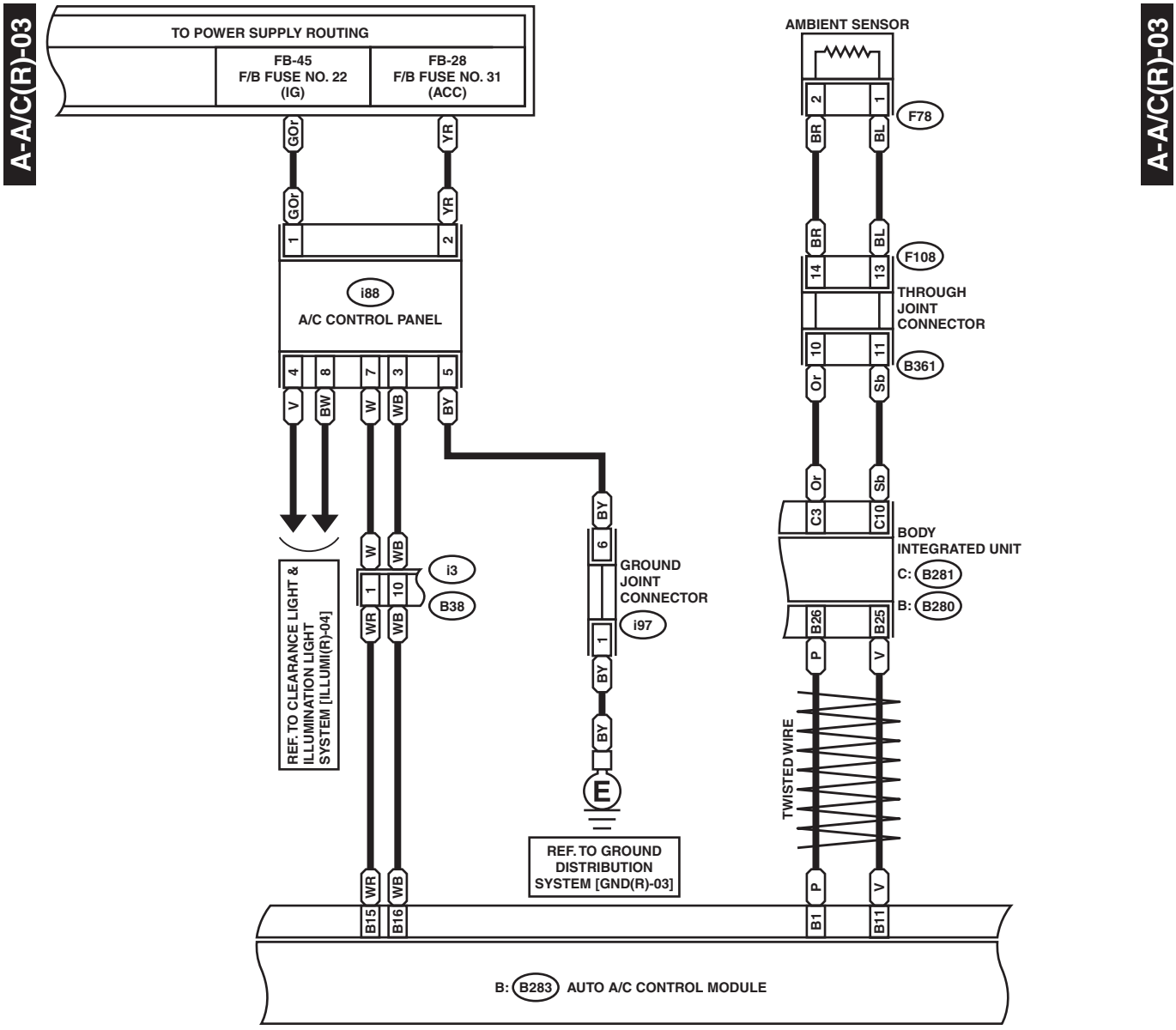
4. AUTO A/C RHD MODEL

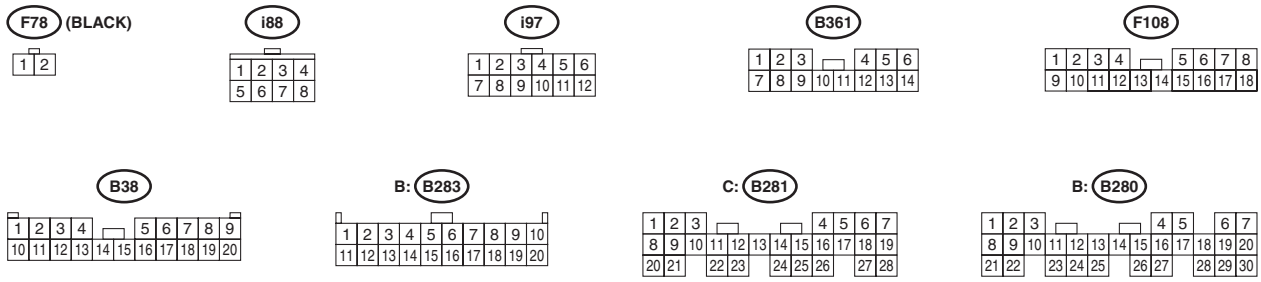



A-A/C(R)-02
A-A/C(R)-02
TO POWER SUPPLY ROUTING
MB-29
M/B FUSE NO. 8
(B)
FB-29
F/B FUSE NO. 31
(ACC)
FB-8
F/B FUSE NO. 27 (B)
F/B FUSE NO. 28 (B)
A-A/C(R)-01 A
LR
YR
GL
GOr
BLOWER FAN RELAY
B225
FRESH/RECIRC ACTUATOR
B91
LgW
BL
VY
BR
BLOWER FAN MOTOR
B87
BY
BLOWER FAN RESISTOR
B86
LY
GW
B
D13
D17
B20
P
B: B135
D: B137
ECM
FOR 2.5L EK &TURBO MODEL
3.0L MODEL
FOR 2.0L & 2.5L KA MODEL
A1
A2
B10
B20
B6
B13
B2
B3
A: B282 B: B283 AUTO A/C CONTROL MODULE
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-03]

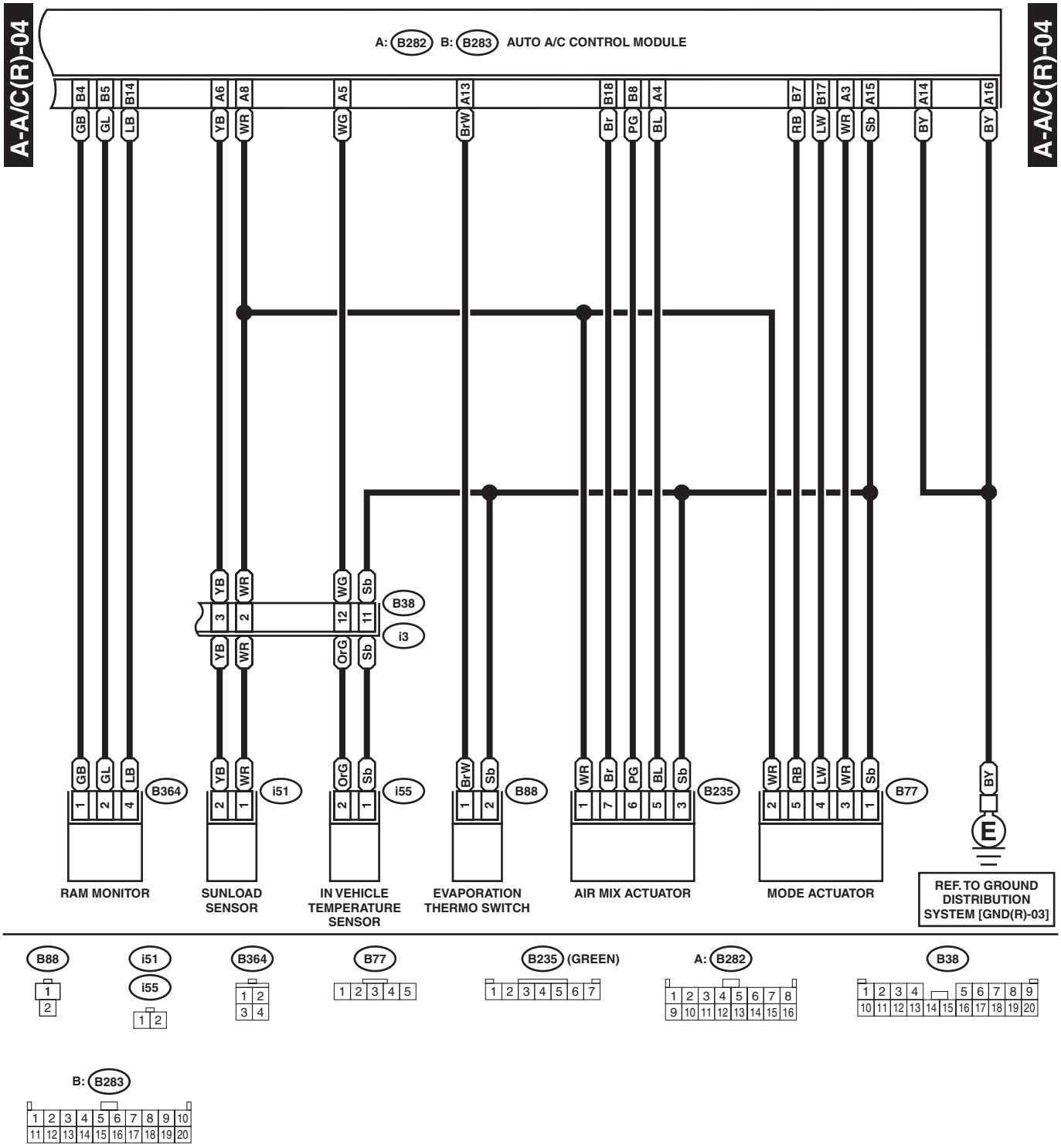

B87
B86
B91 (GREEN)
A: B282
B: B283
D: B137
B: B135
B225

WI-03945


A-A/C(R)-03
A-A/C(R)-03
TO POWER SUPPLY ROUTING
FB-45
F/B FUSE NO. 22
(IG)
FB-28
F/B FUSE NO. 31
(ACC)
AMBIENT SENSOR
F78
F108
THROUGH
JOINT
CONNECTOR
B361
i88
A/C CONTROL PANEL
BODY
INTEGRATED UNIT
C: B281
B: B280
i3
B38
GROUND
JOINT
CONNECTOR
i97
REF. TO CLEARANCE LIGHT &
ILLUMINATION LIGHT
SYSTEM [ILLUMI(R)-04]
TWISTED WIRE
REF. TO GROUND
DISTRIBUTION
SYSTEM [GND(R)-03]
B: B283 AUTO A/C CONTROL MODULE


F78 (BLACK)
i88
i97
B361
F108
B38
B: B283
C: B281
B: B280

WI-03946

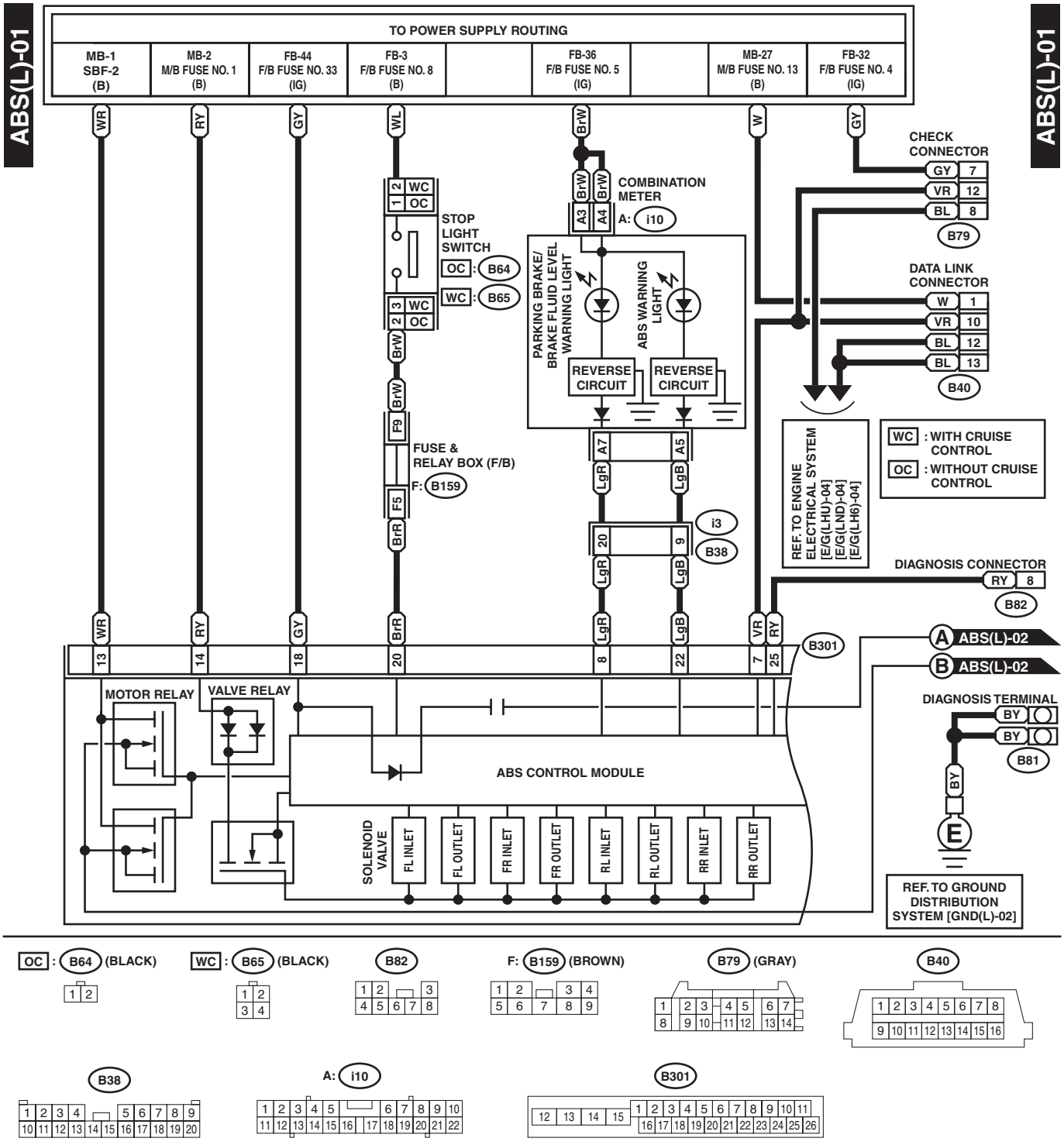

A-A/C(R)-04
A-A/C(R)-04
A: B282 B: B283 AUTO A/C CONTROL MODULE
B4 B5 B14 A6 A8 A5 A13 B18 B8 A4 B7 B17 A3 A15 A14 A16
GB GL LB YB WR WG BrW Br PG BL RB LW WR Sb BY BY
B38
i3
B364
i51
i55
B88
B235
B77
RAM MONITOR
SUNLOAD SENSOR
IN VEHICLE TEMPERATURE SENSOR
EVAPORATION THERMO SWITCH
AIR MIX ACTUATOR
MODE ACTUATOR
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-03]
B88
i51
i55
B364
B77
B235 (GREEN)
A: B282
B38
B: B283

WI-03947

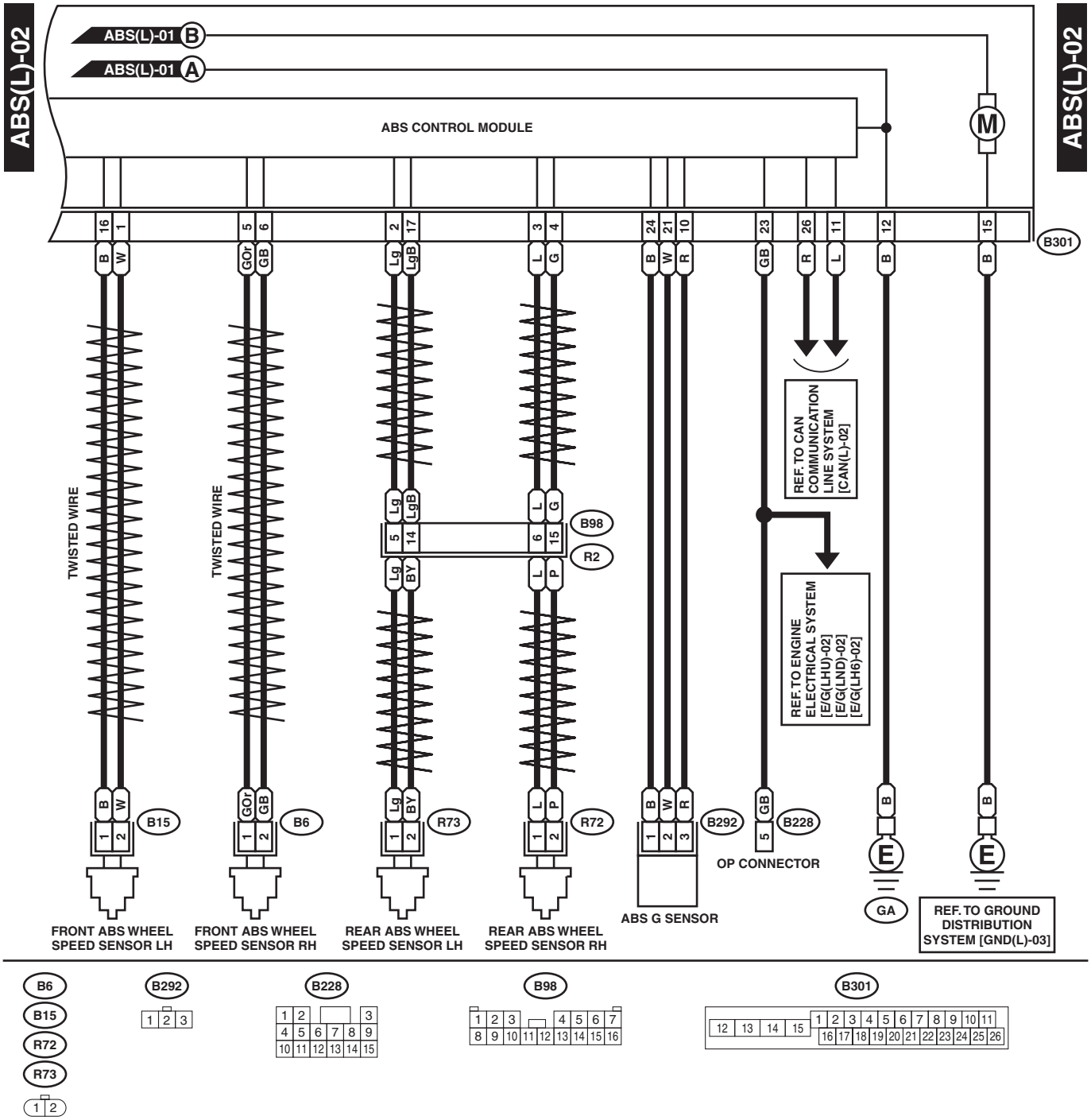
7. Anti-lock Brake System

A: WIRING DIAGRAM

1. LHD MODEL

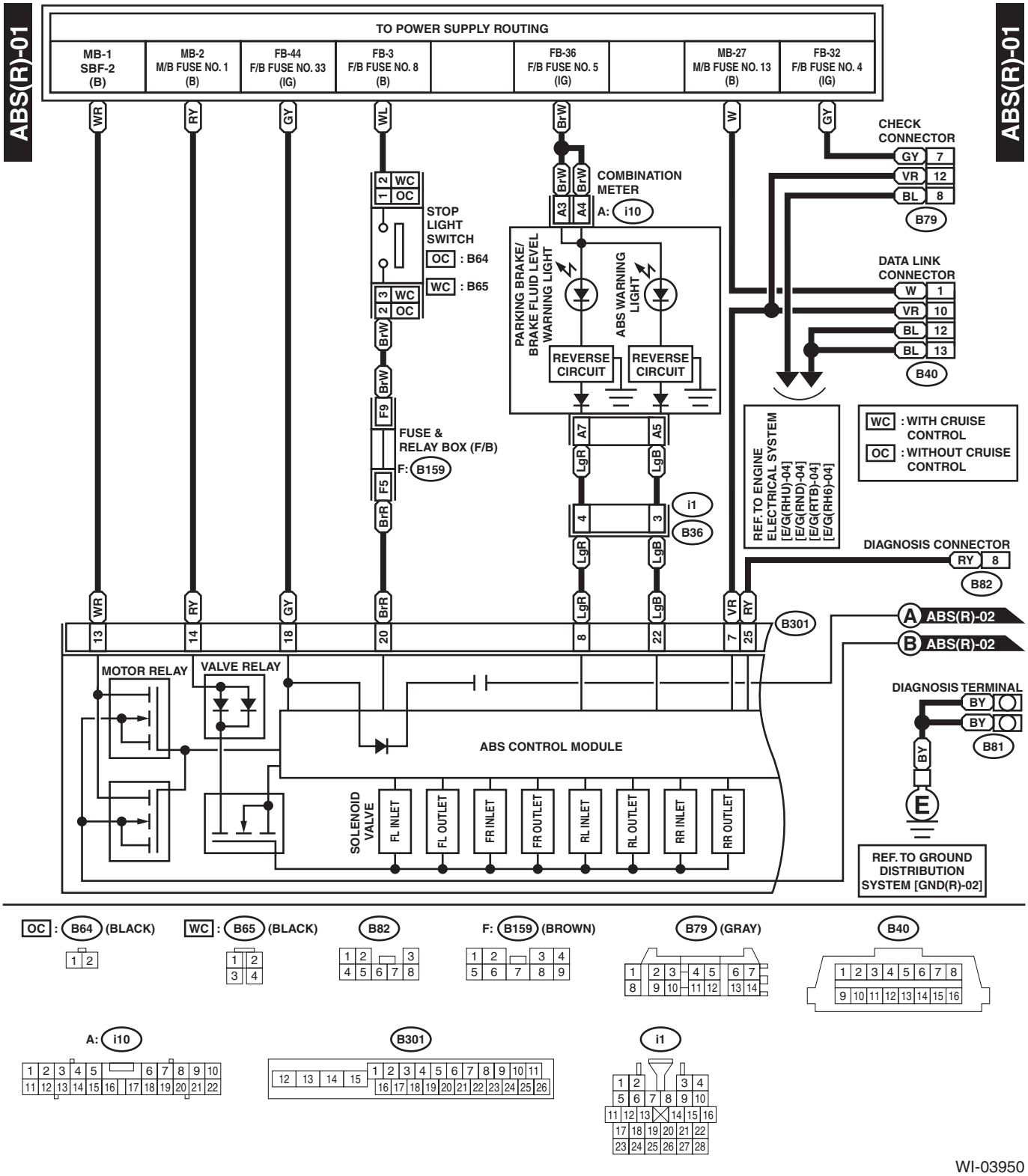


WI-03948

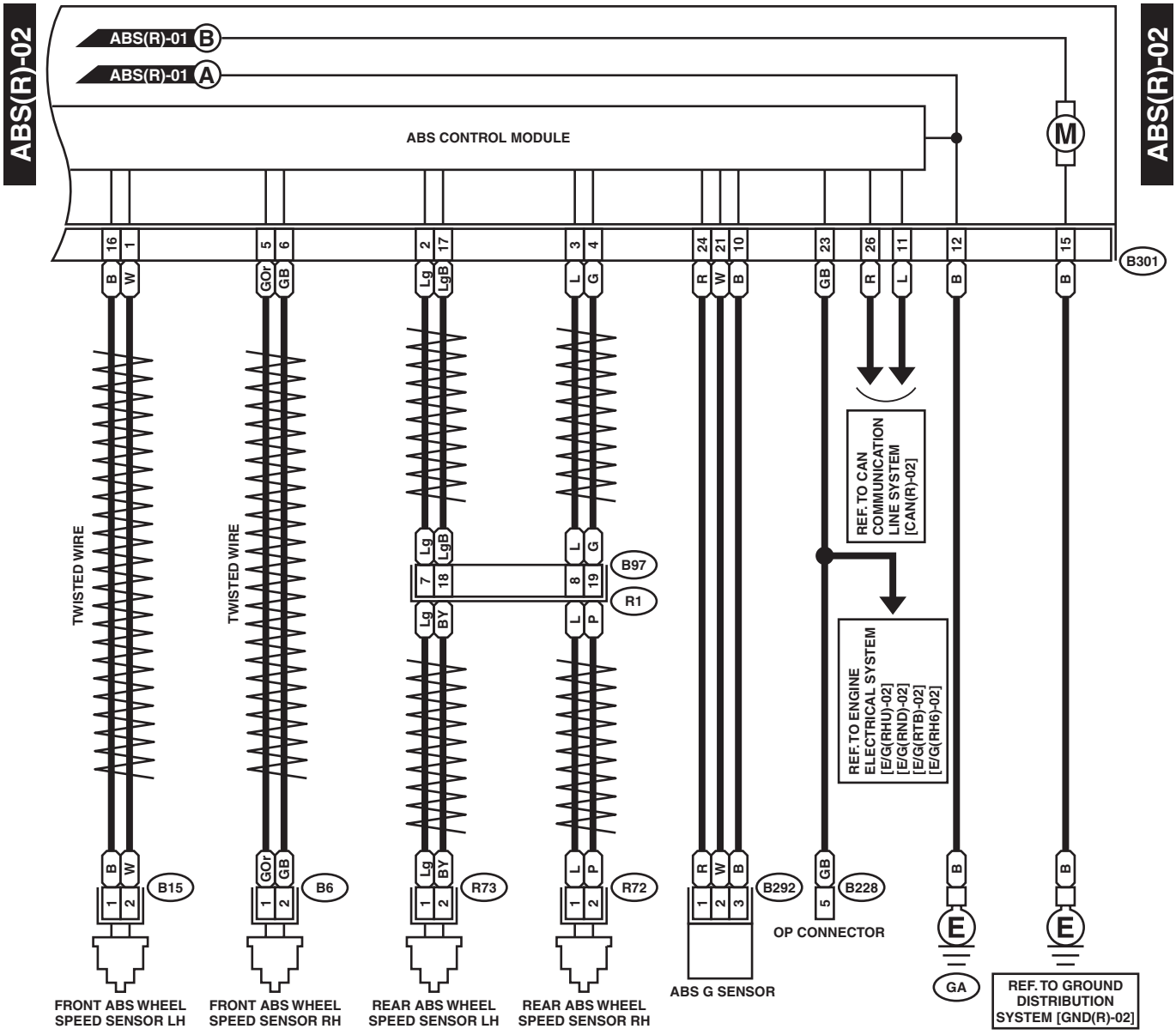

ABS(L)-02
ABS(L)-01 B
ABS(L)-01 A
ABS CONTROL MODULE
M
ABS(L)-02
B301
TWISTED WIRE
TWISTED WIRE
REF. TO CAN COMMUNICATION LINE SYSTEM [CAN(L)-02]
REF. TO ENGINE ELECTRICAL SYSTEM [E/G(LHU)-02] [E/G(LND)-02] [E/G(LH6)-02]
B98
R2
B15
B6
R73
R72
B292
B228
OP CONNECTOR
GA
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-03]
FRONT ABS WHEEL SPEED SENSOR LH
FRONT ABS WHEEL SPEED SENSOR RH
REAR ABS WHEEL SPEED SENSOR LH
REAR ABS WHEEL SPEED SENSOR RH
ABS G SENSOR

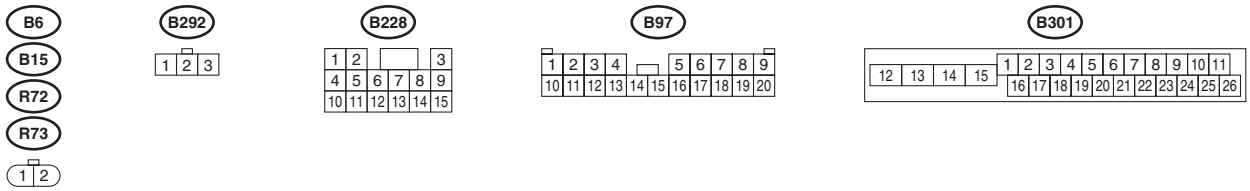
WI-03949

2. RHD MODEL



WI-03950


ABS(R)-02
ABS(R)-01 B
ABS(R)-01 A
ABS CONTROL MODULE
M
ABS(R)-02
B301
TWISTED WIRE
TWISTED WIRE
B97
R1
REF. TO CAN COMMUNICATION LINE SYSTEM [CAN(R)-02]
REF. TO ENGINE ELECTRICAL SYSTEM [E/G(RHU)-02] [E/G(RND)-02] [E/G(RTB)-02] [E/G(RH6)-02]
B15
B6
R73
R72
B292
B228
OP CONNECTOR
GA
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-02]
FRONT ABS WHEEL SPEED SENSOR LH
FRONT ABS WHEEL SPEED SENSOR RH
REAR ABS WHEEL SPEED SENSOR LH
REAR ABS WHEEL SPEED SENSOR RH
ABS G SENSOR

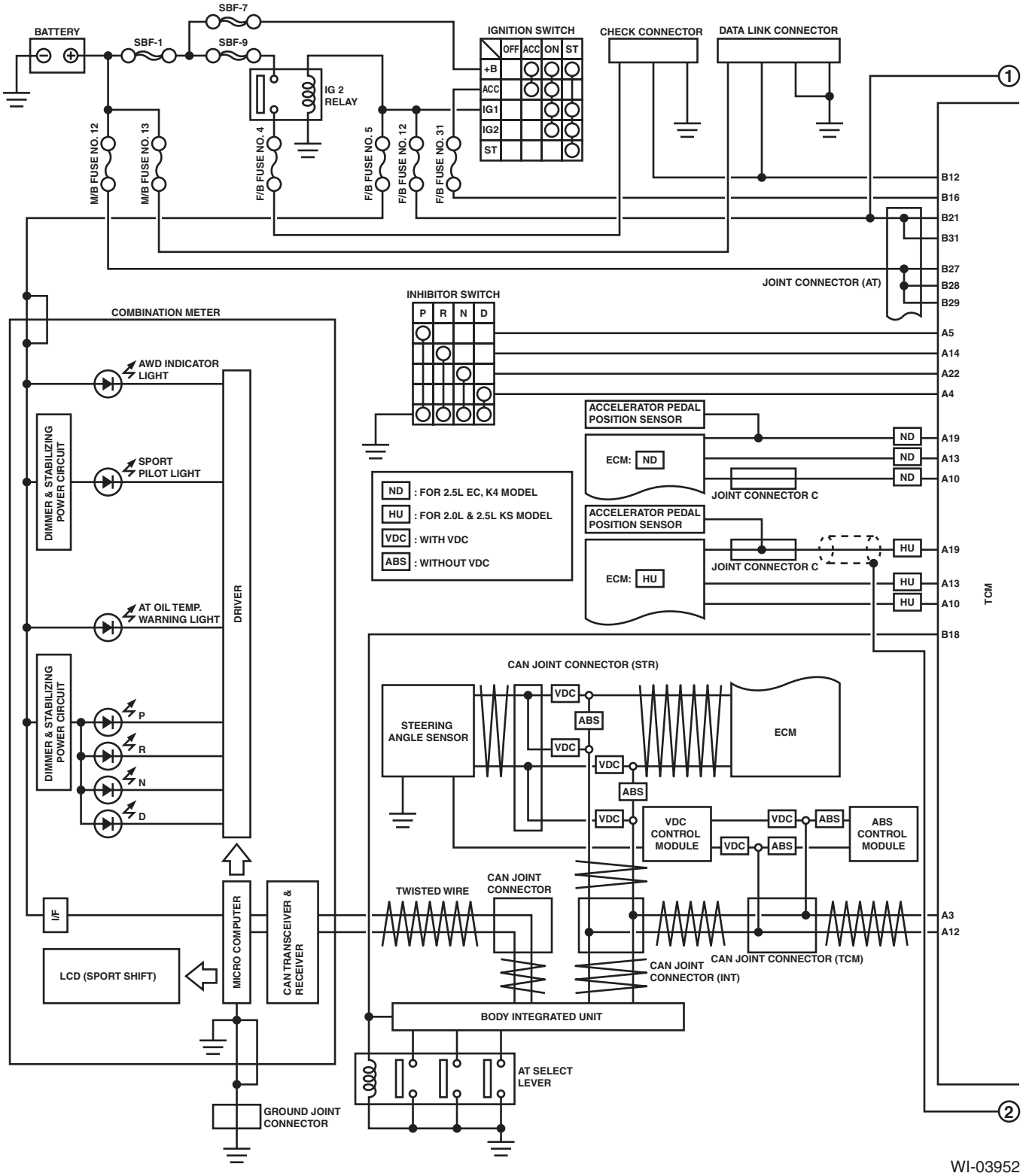

B6
B15
R72
R73
B292
B228
B97
B301

WI-03951

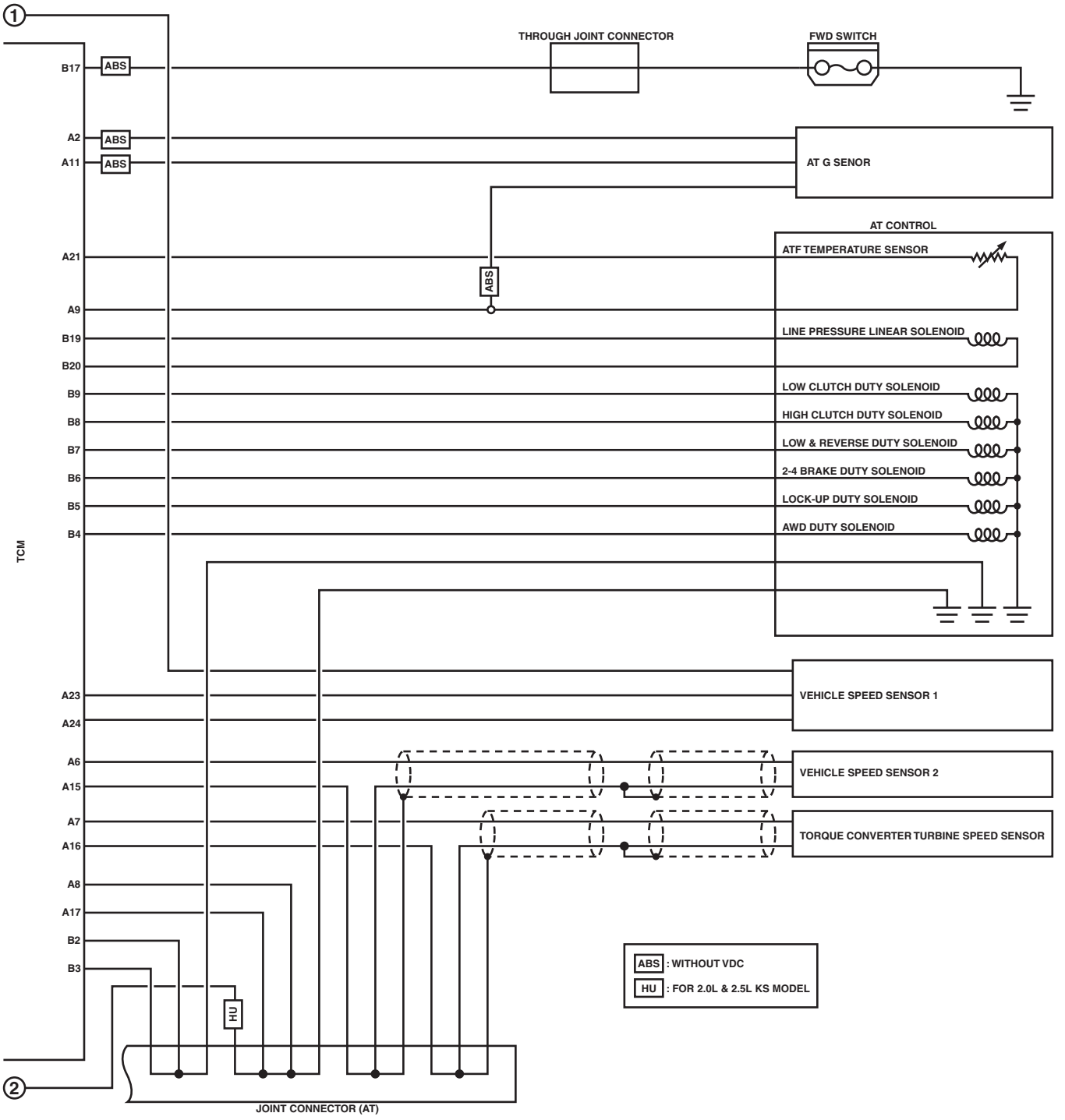
8. AT Control System

A: WIRING DIAGRAM

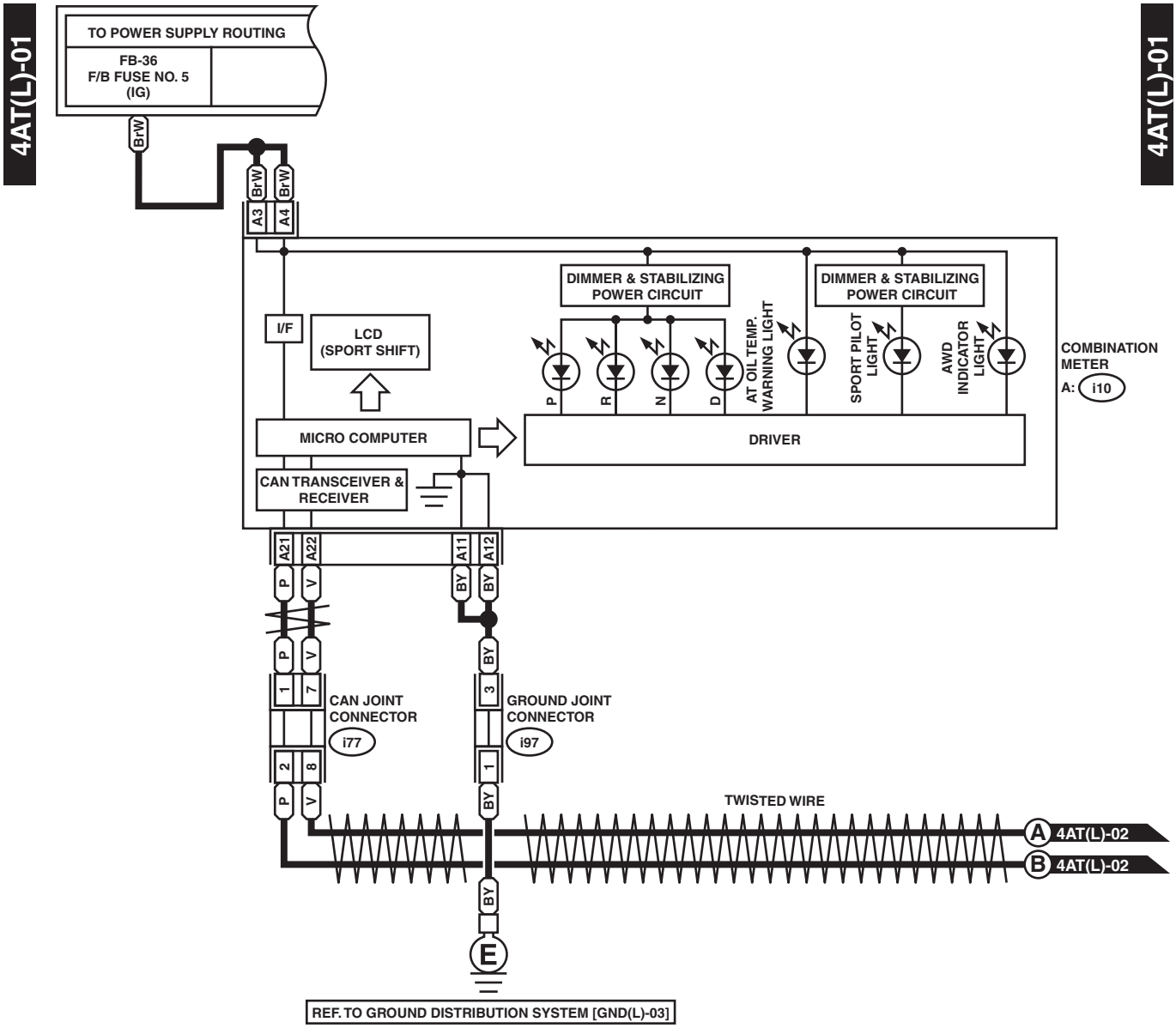
1. LHD 4AT MODEL

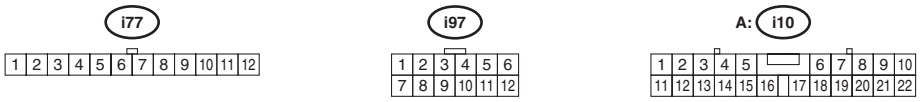


WI-03952

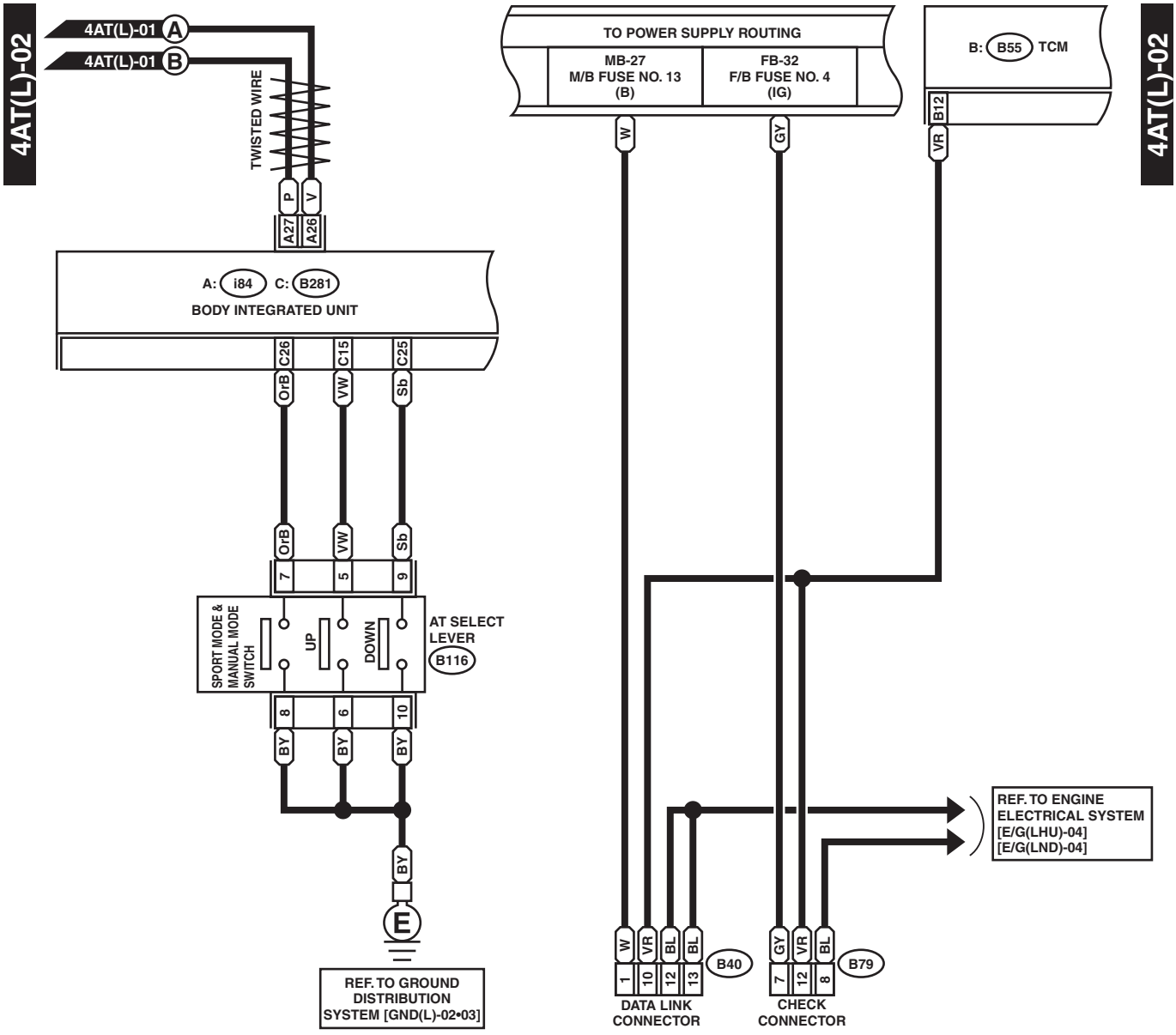

①
THROUGH JOINT CONNECTOR
FWD SWITCH
B17
ABS
A2
ABS
A11
ABS
AT G SENOR
AT CONTROL
A21
ATF TEMPERATURE SENSOR
ABS
A9
B19
LINE PRESSURE LINEAR SOLENOID
B20
B9
LOW CLUTCH DUTY SOLENOID
B8
HIGH CLUTCH DUTY SOLENOID
B7
LOW & REVERSE DUTY SOLENOID
B6
2-4 BRAKE DUTY SOLENOID
B5
LOCK-UP DUTY SOLENOID
B4
AWD DUTY SOLENOID
TCM
A23
VEHICLE SPEED SENSOR 1
A24
A6
VEHICLE SPEED SENSOR 2
A15
A7
TORQUE CONVERTER TURBINE SPEED SENSOR
A16
A8
A17
B2
B3
HU
ABS : WITHOUT VDC
HU : FOR 2.0L & 2.5L KS MODEL
②
JOINT CONNECTOR (AT)

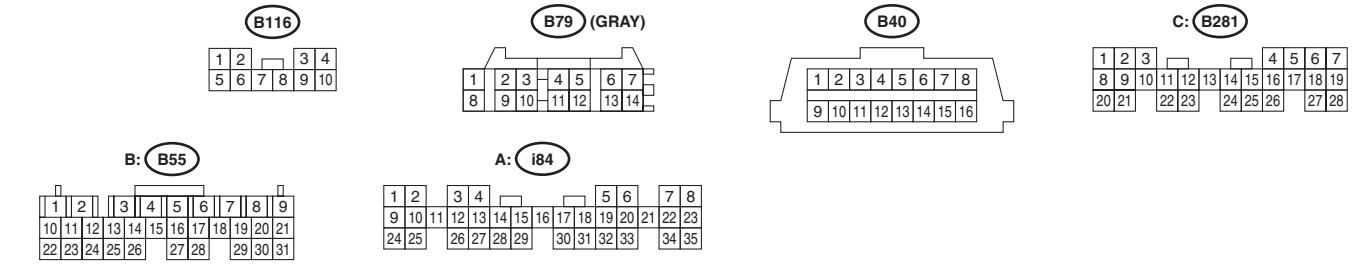
WI-03953


4AT(L)-01
4AT(L)-01
TO POWER SUPPLY ROUTING
FB-36
F/B FUSE NO. 5
(IG)
BrW
A3
A4
I/F
LCD
(SPORT SHIFT)
MICRO COMPUTER
CAN TRANSCEIVER &
RECEIVER
DIMMER & STABILIZING
POWER CIRCUIT
DIMMER & STABILIZING
POWER CIRCUIT
P
R
N
D
AT OIL TEMP.
WARNING LIGHT
SPORT PILOT
LIGHT
AWD
INDICATOR
LIGHT
DRIVER
COMBINATION
METER
A: i10
A21
A22
A11
A12
P
V
BY
1
7
3
2
8
CAN JOINT
CONNECTOR
i77
GROUND JOINT
CONNECTOR
i97
TWISTED WIRE
A 4AT(L)-02
B 4AT(L)-02
E
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-03]

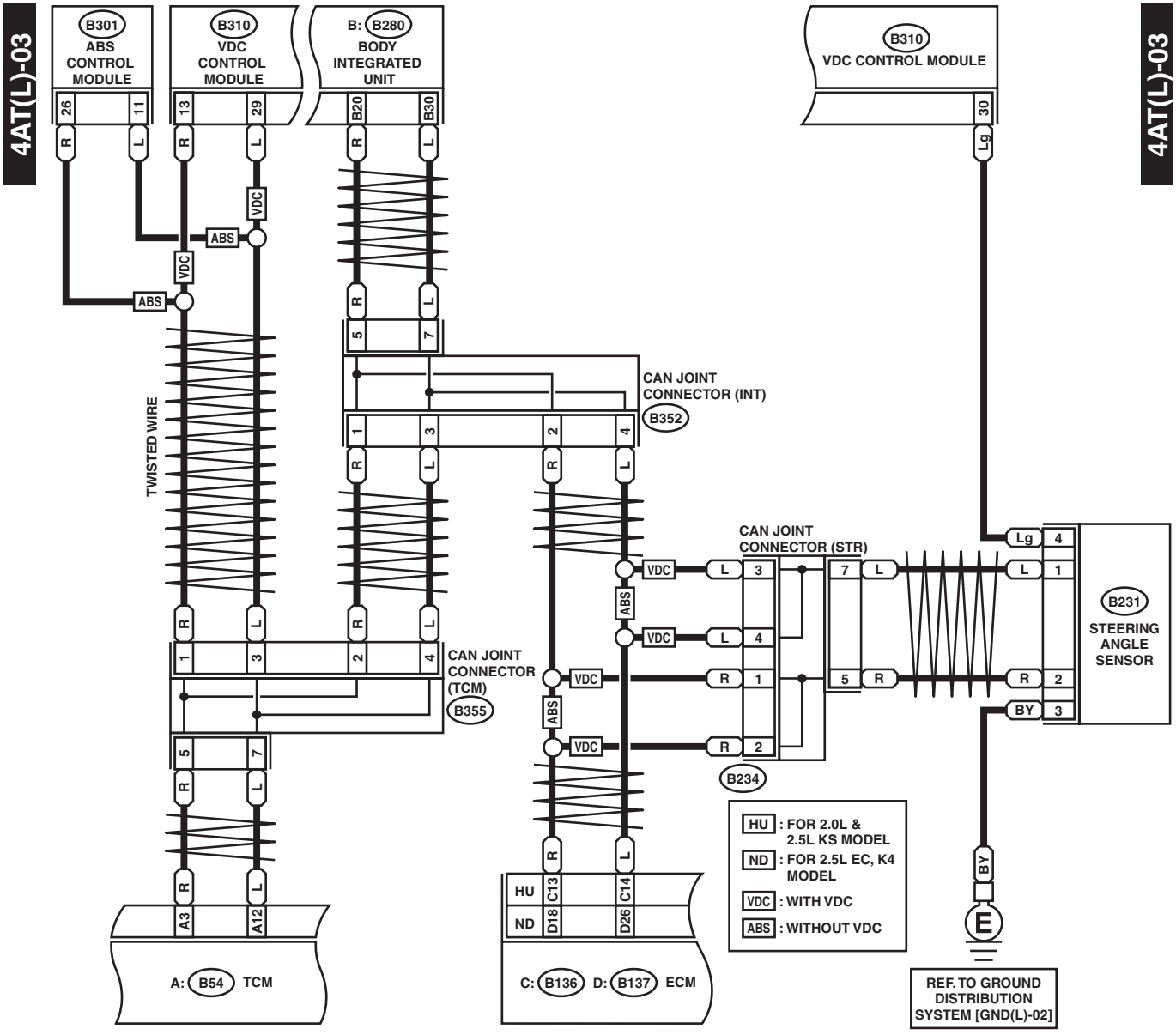

i77
1 2 3 4 5 6 7 8 9 10 11 12
i97
1 2 3 4 5 6
7 8 9 10 11 12
A: i10
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20 21 22

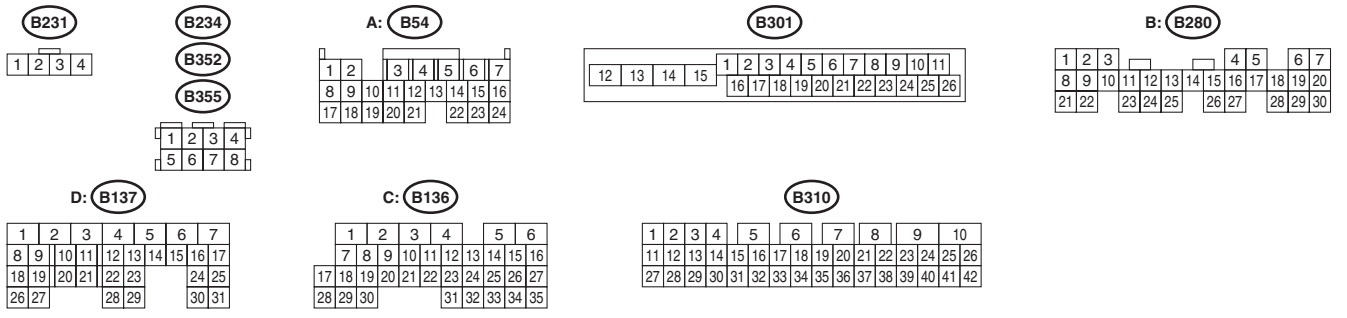
WI-03954


4AT(L)-02
4AT(L)-01 A
4AT(L)-01 B
TWISTED WIRE
P
V
A27
A26
A: i84 C: B281
BODY INTEGRATED UNIT
C26
C15
C25
OrB
VW
Sb
7
5
9
SPORT MODE & MANUAL MODE SWITCH
UP
DOWN
AT SELECT LEVER
B116
8
6
10
BY
E
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-02•03]
TO POWER SUPPLY ROUTING
MB-27 M/B FUSE NO. 13 (B)
FB-32 F/B FUSE NO. 4 (IG)
W
GY
B: B55 TCM
B12
VR
4AT(L)-02
REF. TO ENGINE ELECTRICAL SYSTEM [E/G(LHU)-04] [E/G(LND)-04]
W
VR
BL
BL
1
10
12
13
B40
DATA LINK CONNECTOR
GY
VR
BL
7
12
8
B79
CHECK CONNECTOR

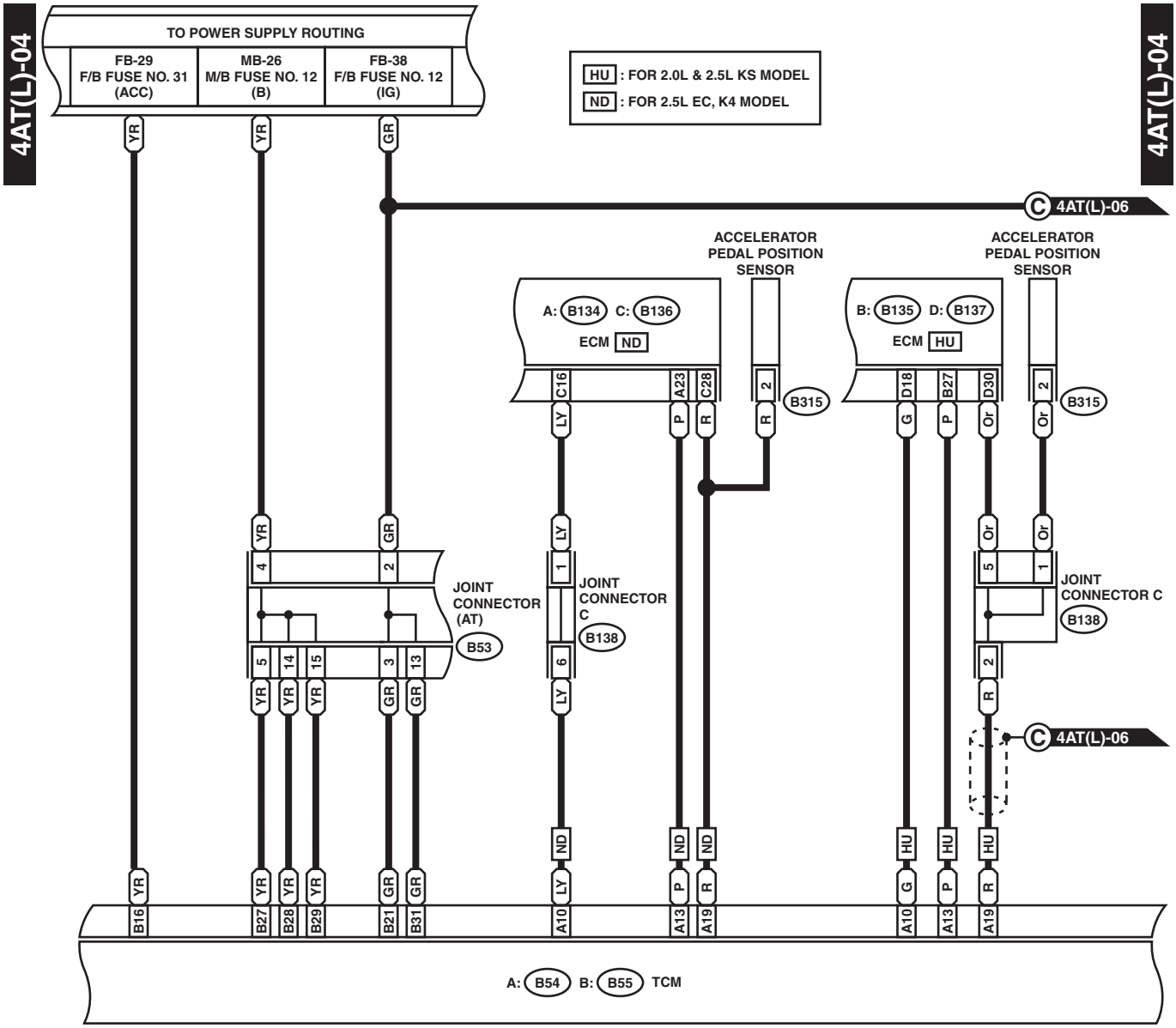

B116
B79 (GRAY)
B40
C: B281
B: B55
A: i84

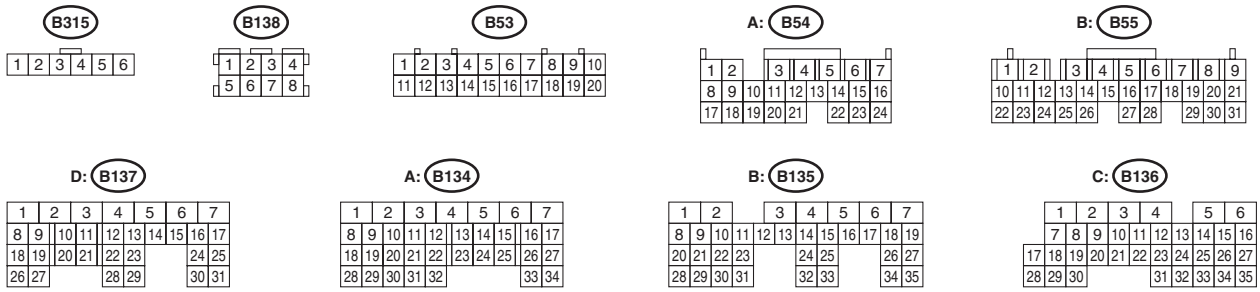
WI-03955


4AT(L)-03
B301
ABS CONTROL MODULE
B310
VDC CONTROL MODULE
B: B280
BODY INTEGRATED UNIT
B310
VDC CONTROL MODULE
4AT(L)-03
TWISTED WIRE
CAN JOINT CONNECTOR (INT)
B352
CAN JOINT CONNECTOR (TCM)
B355
CAN JOINT CONNECTOR (STR)
B234
B231
STEERING ANGLE SENSOR
HU : FOR 2.0L & 2.5L KS MODEL
ND : FOR 2.5L EC, K4 MODEL
VDC : WITH VDC
ABS : WITHOUT VDC
A: B54 TCM
C: B136 D: B137 ECM
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-02]

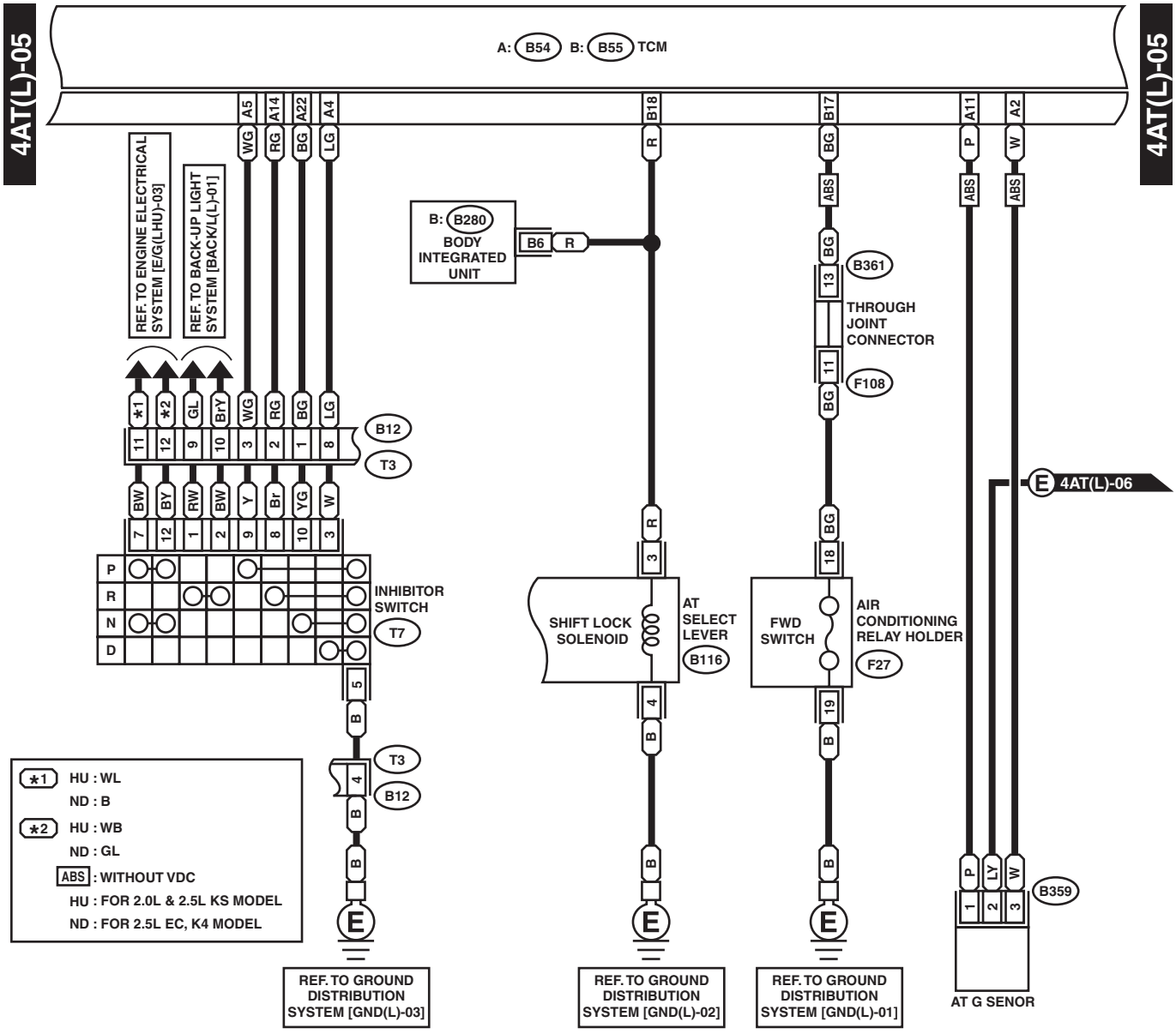

B231
B234
B352
B355
A: B54
B301
B: B280
D: B137
C: B136
B310

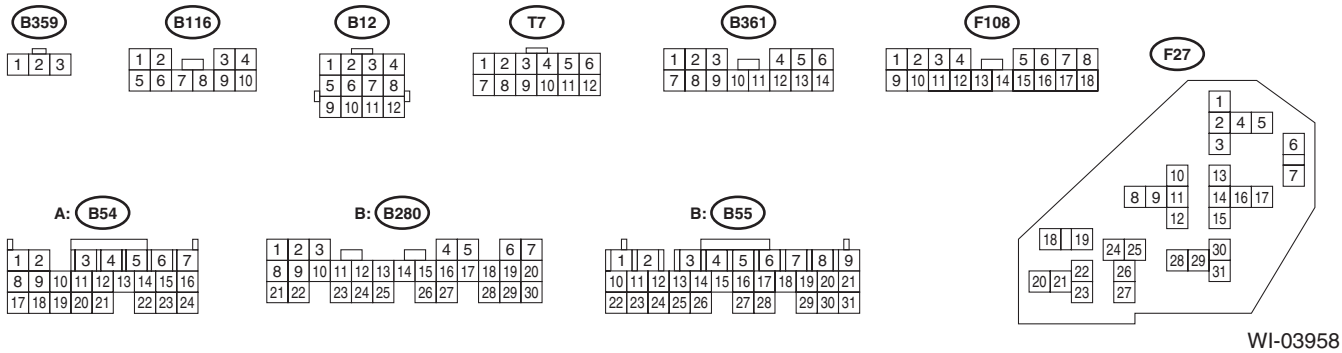
WI-03956


4AT(L)-04
TO POWER SUPPLY ROUTING
FB-29
F/B FUSE NO. 31
(ACC)
MB-26
M/B FUSE NO. 12
(B)
FB-38
F/B FUSE NO. 12
(IG)
HU : FOR 2.0L & 2.5L KS MODEL
ND : FOR 2.5L EC, K4 MODEL
4AT(L)-04
C 4AT(L)-06
ACCELERATOR PEDAL POSITION SENSOR
A: B134 C: B136
ECM ND
B: B135 D: B137
ECM HU
B315
JOINT CONNECTOR (AT)
B53
JOINT CONNECTOR C
B138
C 4AT(L)-06
A: B54 B: B55 TCM

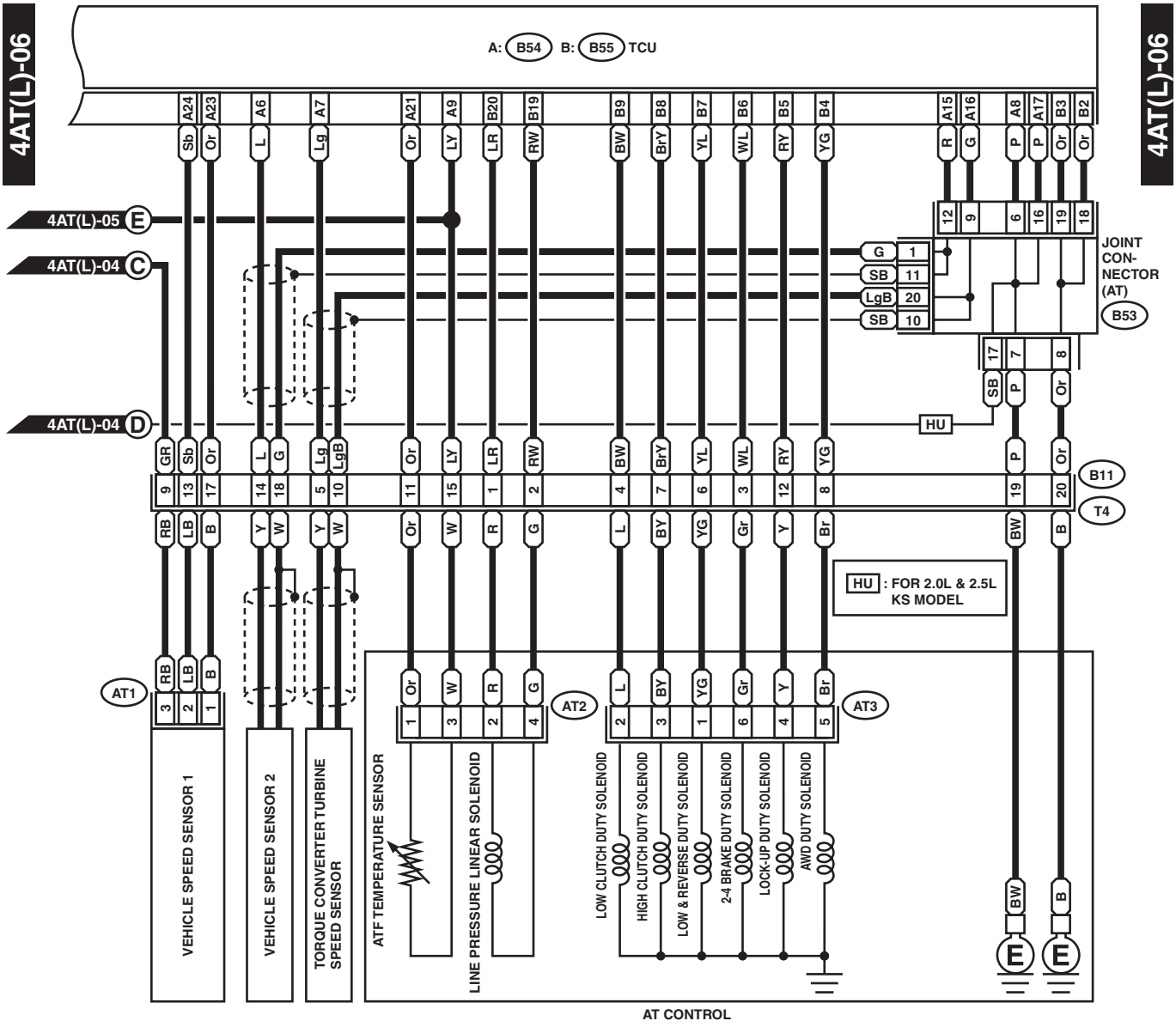

B315
B138
B53
A: B54
B: B55
D: B137
A: B134
B: B135
C: B136

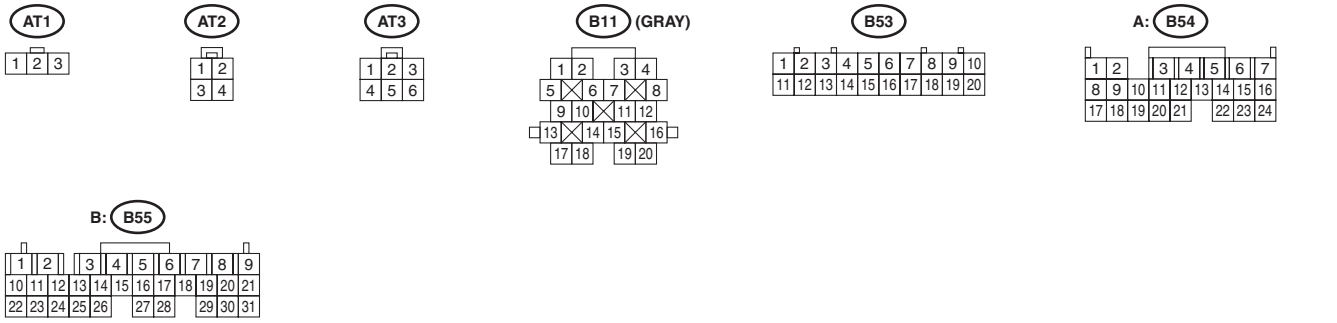
WI-03957


4AT(L)-05
4AT(L)-05
A: B54 B: B55 TCM
A5 A14 A22 A4
WG RG BG LG
B18 R
B17 BG
A11 P
A2 W
ABS
REF. TO ENGINE ELECTRICAL SYSTEM [E/G(LHU)-03]
REF. TO BACK-UP LIGHT SYSTEM [BACK/L(L)-01]
B: B280
BODY INTEGRATED UNIT
B6 R
B361
13
THROUGH JOINT CONNECTOR
11
F108
E 4AT(L)-06
*1 *2 GL BrY WG RG BG LG
11 12 9 10 3 2 1 8
B12
T3
BW BY RW BW Y Br YG W
7 12 1 2 9 8 10 3
P
R
N
D
INHIBITOR SWITCH
T7
5
B
T3
4
B12
B
B
E
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-03]
3
SHIFT LOCK SOLENOID
AT SELECT LEVER
B116
4
B
E
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-02]
18
FWD SWITCH
AIR CONDITIONING RELAY HOLDER
F27
19
B
E
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-01]
P LY W
1 2 3
B359
AT G SENOR
*1 HU : WL
ND : B
*2 HU : WB
ND : GL
ABS : WITHOUT VDC
HU : FOR 2.0L & 2.5L KS MODEL
ND : FOR 2.5L EC, K4 MODEL


B359
B116
B12
T7
B361
F108
F27
A: B54
B: B280
B: B55

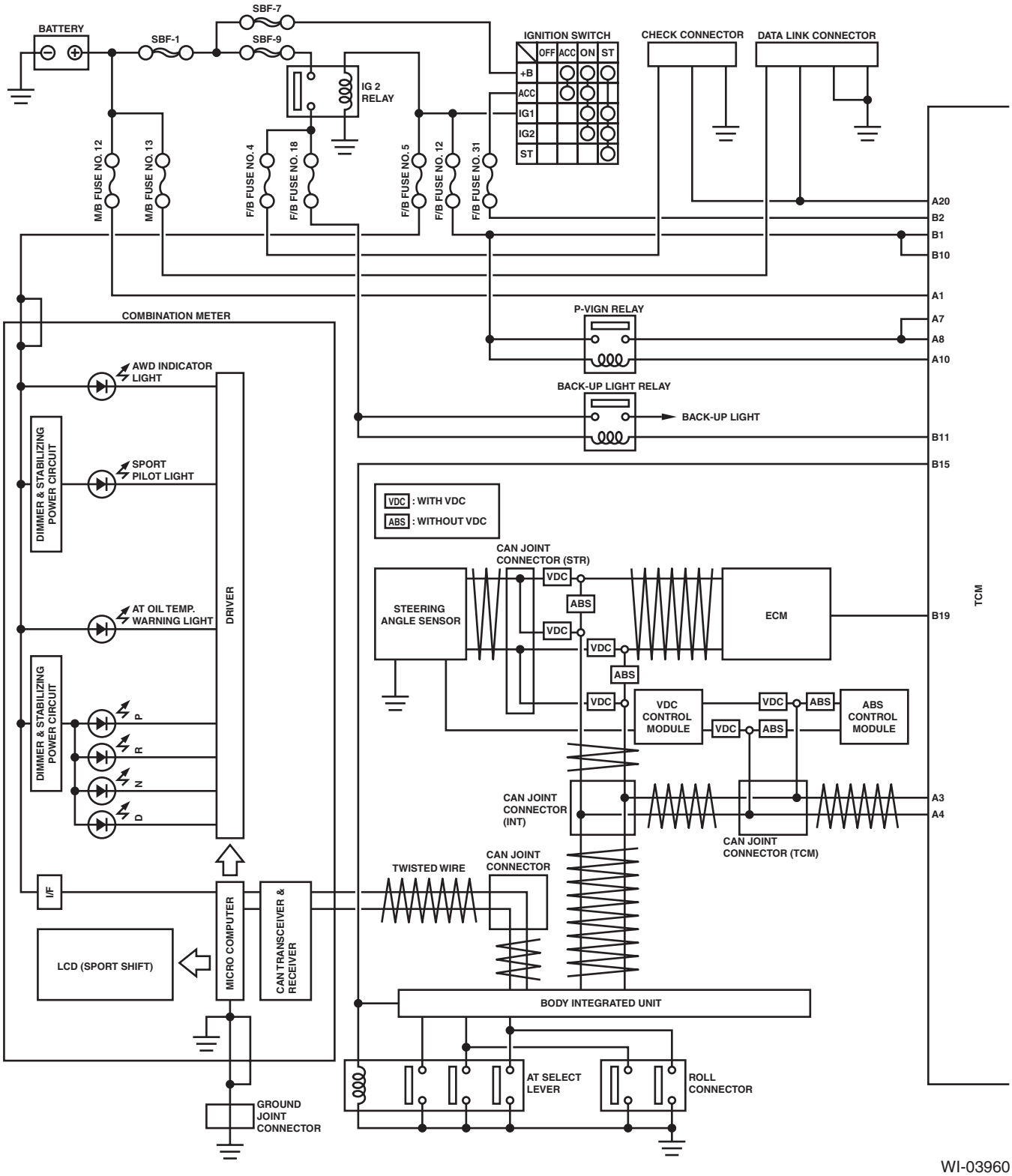
WI-03958


4AT(L)-06
4AT(L)-06
A: B54 B: B55 TCU
4AT(L)-05 E
4AT(L)-04 C
4AT(L)-04 D
JOINT CON-NECTOR (AT)
B53
B11
T4
HU
HU : FOR 2.0L & 2.5L KS MODEL
AT1
AT2
AT3
VEHICLE SPEED SENSOR 1
VEHICLE SPEED SENSOR 2
TORQUE CONVERTER TURBINE SPEED SENSOR
ATF TEMPERATURE SENSOR
LINE PRESSURE LINEAR SOLENOID
LOW CLUTCH DUTY SOLENOID
HIGH CLUTCH DUTY SOLENOID
LOW & REVERSE DUTY SOLENOID
2-4 BRAKE DUTY SOLENOID
LOCK-UP DUTY SOLENOID
AWD DUTY SOLENOID
AT CONTROL

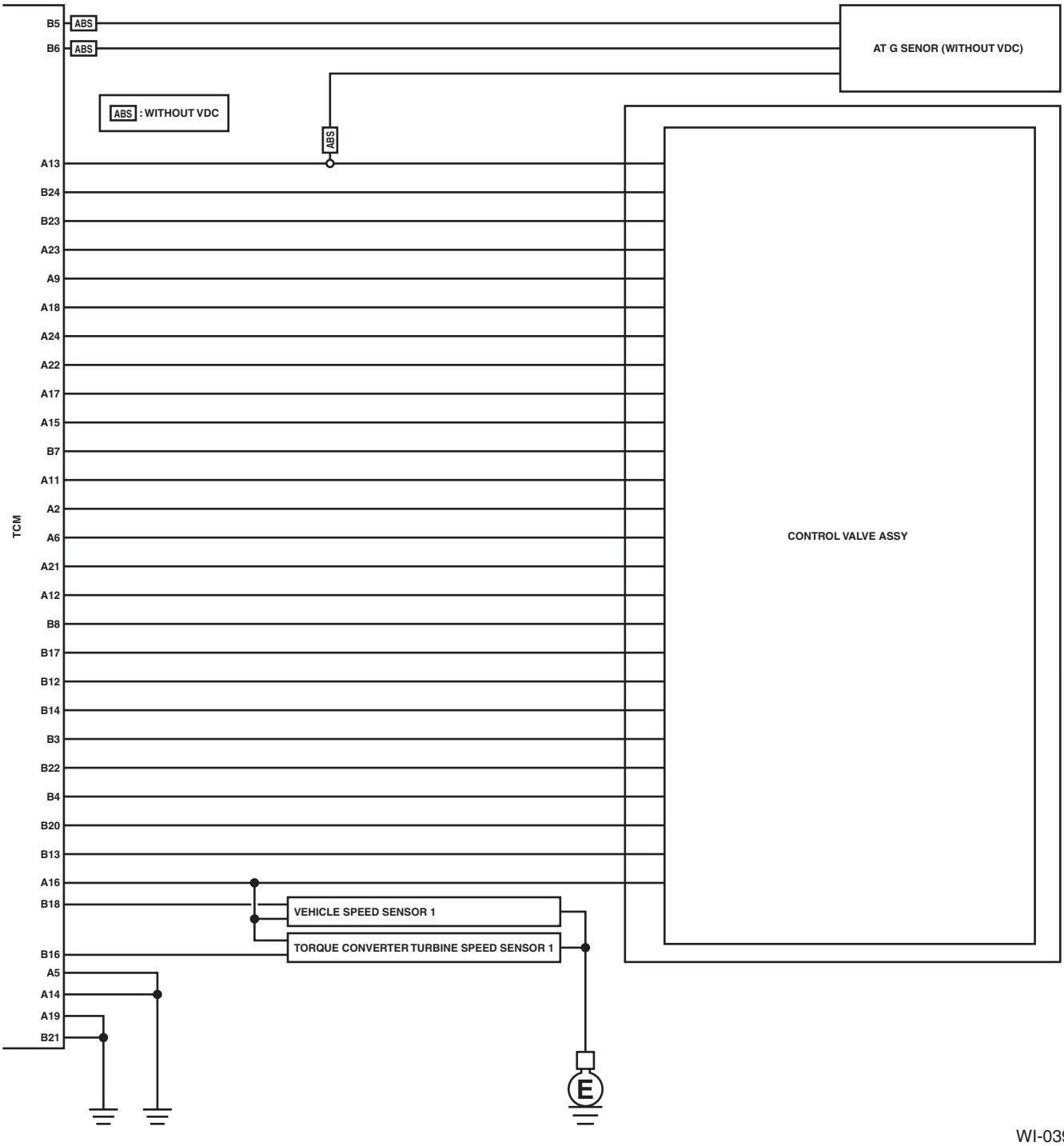

AT1
AT2
AT3
B11 (GRAY)
B53
A: B54
B: B55

WI-03959

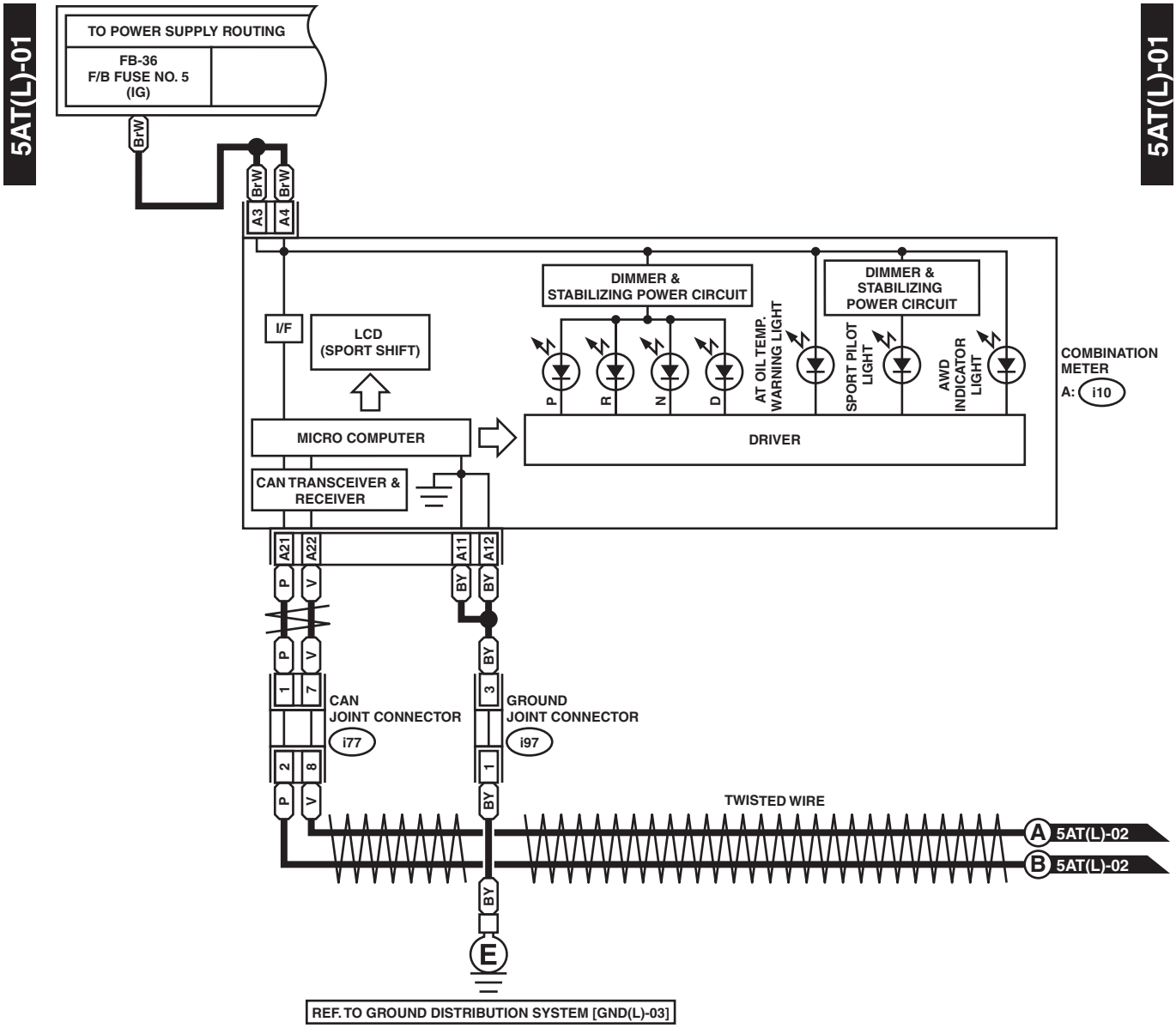
2. LHD 5AT MODEL

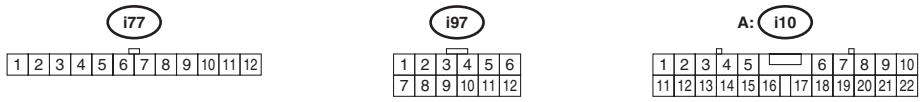


WI-03960

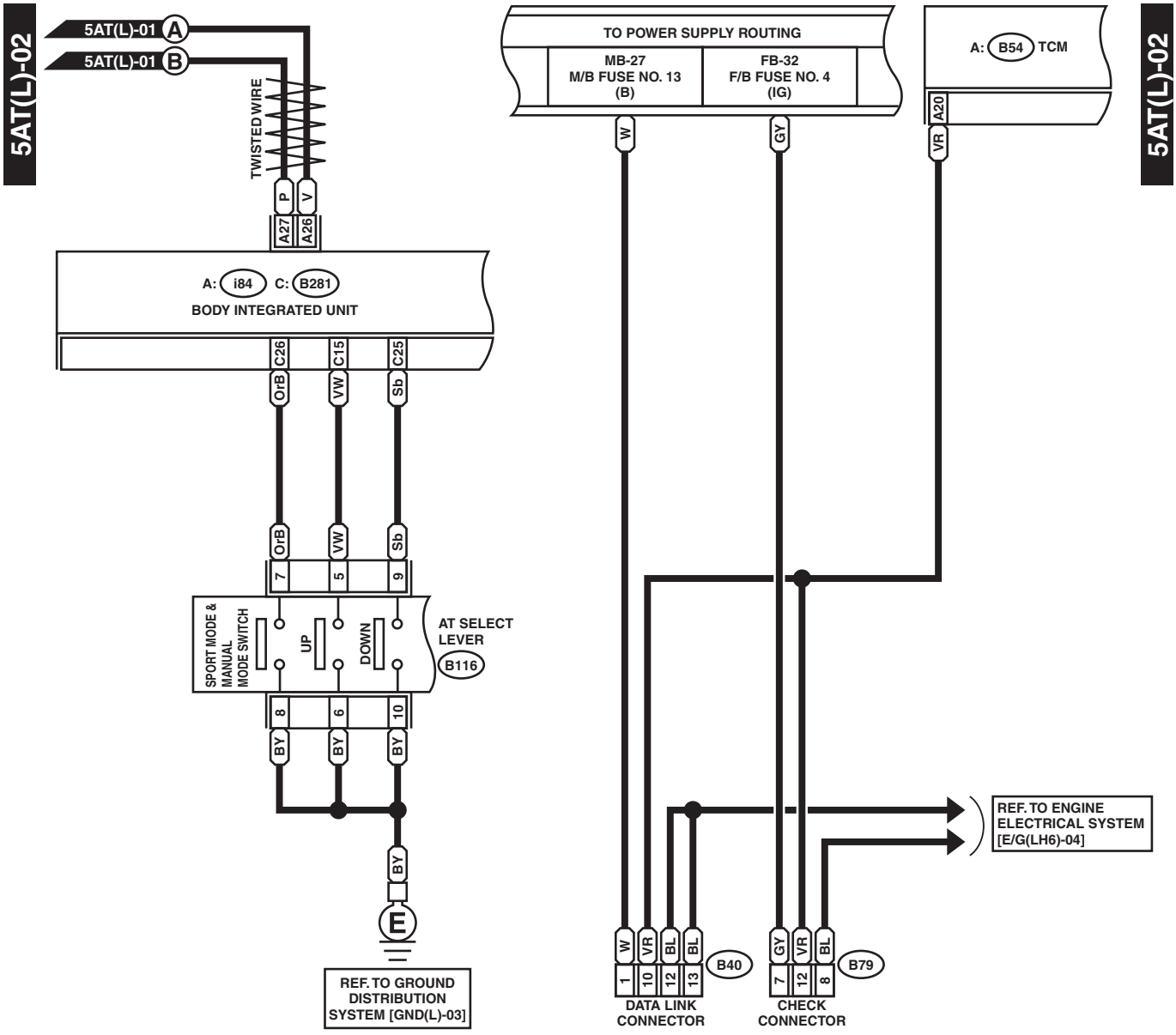

B5
ABS
B6
ABS
AT G SENOR (WITHOUT VDC)
ABS : WITHOUT VDC
ABS
A13
B24
B23
A23
A9
A18
A24
A22
A17
A15
B7
A11
A2
A6
A21
A12
B8
B17
B12
B14
B3
B22
B4
B20
B13
A16
B18
B16
A5
A14
A19
B21
TCM
CONTROL VALVE ASSY
VEHICLE SPEED SENSOR 1
TORQUE CONVERTER TURBINE SPEED SENSOR 1
E

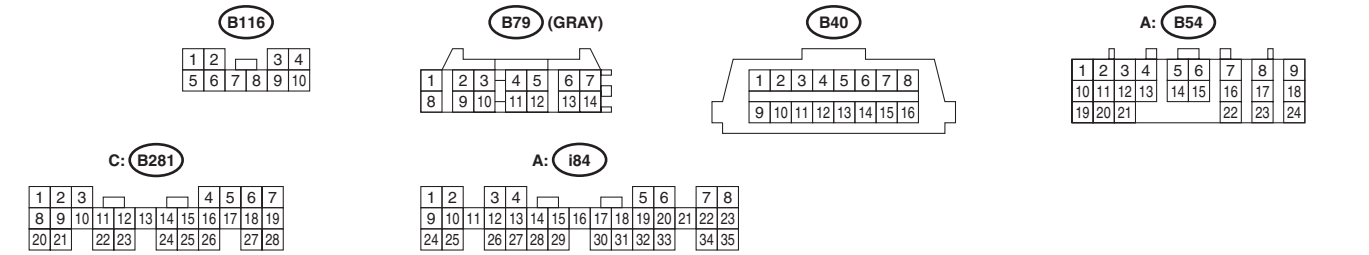
WI-03961


5AT(L)-01
5AT(L)-01
TO POWER SUPPLY ROUTING
FB-36
F/B FUSE NO. 5
(IG)
BrW
A3
A4
I/F
LCD
(SPORT SHIFT)
DIMMER &
STABILIZING POWER CIRCUIT
DIMMER &
STABILIZING
POWER CIRCUIT
P
R
N
D
AT OIL TEMP.
WARNING LIGHT
SPORT PILOT
LIGHT
AWD
INDICATOR
LIGHT
COMBINATION
METER
A: i10
MICRO COMPUTER
DRIVER
CAN TRANSCEIVER &
RECEIVER
A21
A22
A11
A12
P
V
BY
1
7
3
CAN
JOINT CONNECTOR
i77
GROUND
JOINT CONNECTOR
i97
2
8
TWISTED WIRE
A 5AT(L)-02
B 5AT(L)-02
E
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-03]

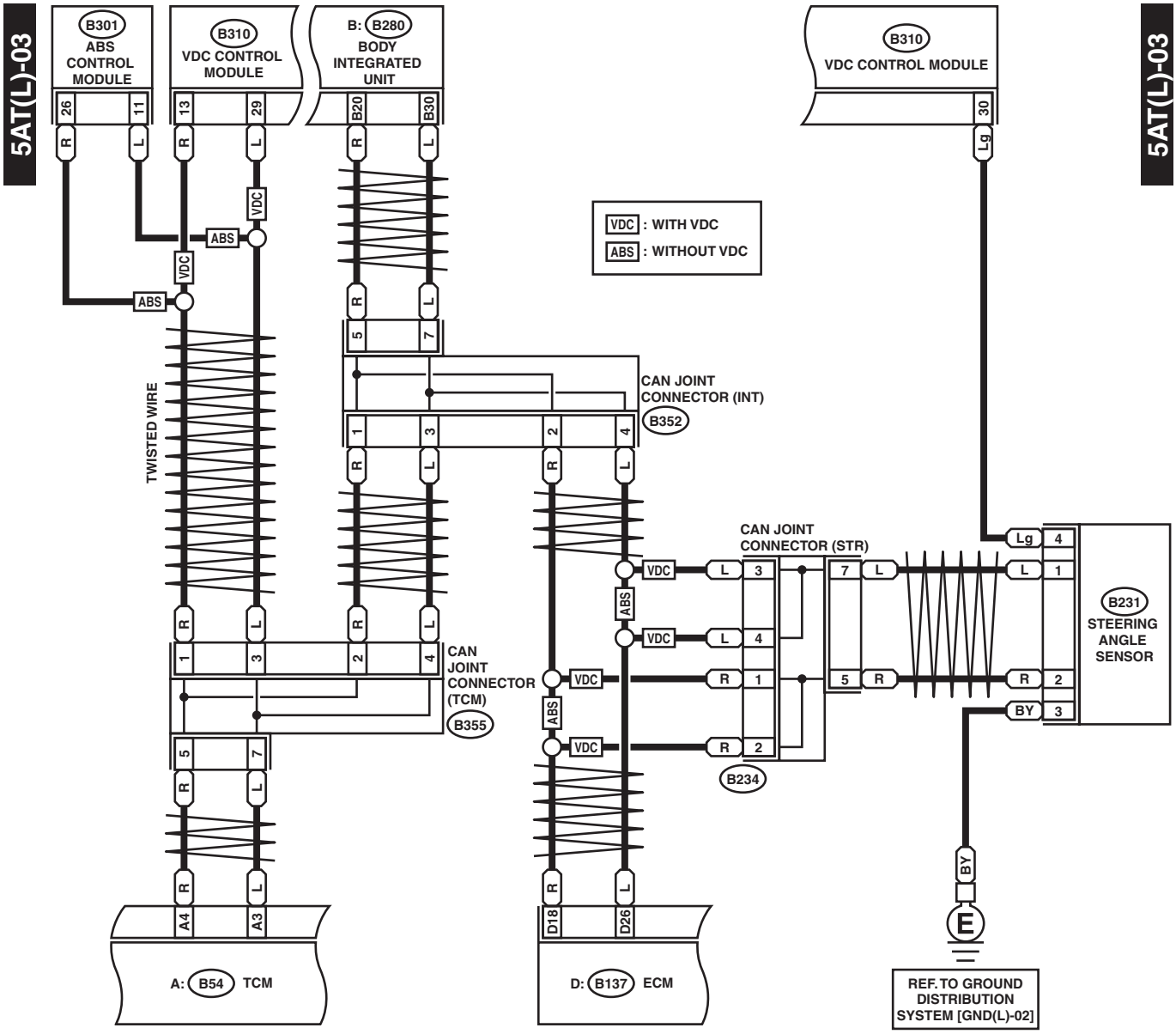

i77
1 2 3 4 5 6 7 8 9 10 11 12
i97
1 2 3 4 5 6
7 8 9 10 11 12
A: i10
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20 21 22

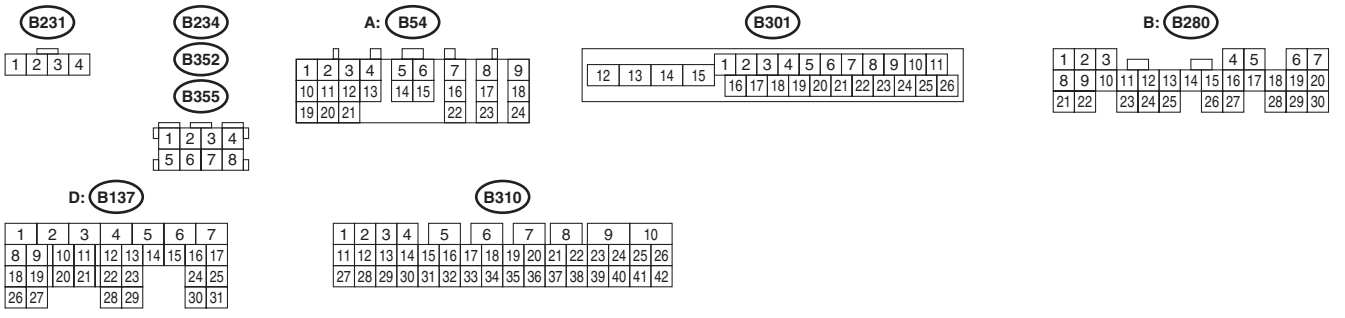
WI-03962


5AT(L)-02
5AT(L)-01 A
5AT(L)-01 B
TWISTED WIRE
P
V
A27
A26
A: i84 C: B281
BODY INTEGRATED UNIT
C26
C15
C25
OrB
VW
Sb
7
5
9
SPORT MODE & MANUAL MODE SWITCH
UP
DOWN
AT SELECT LEVER
B116
8
6
10
BY
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-03]
TO POWER SUPPLY ROUTING
MB-27 M/B FUSE NO. 13 (B)
FB-32 F/B FUSE NO. 4 (IG)
W
GY
A: B54 TCM
A20
VR
5AT(L)-02
REF. TO ENGINE ELECTRICAL SYSTEM [E/G(LH6)-04]
W
VR
BL
BL
1
10
12
13
B40
DATA LINK CONNECTOR
GY
VR
BL
7
12
8
B79
CHECK CONNECTOR

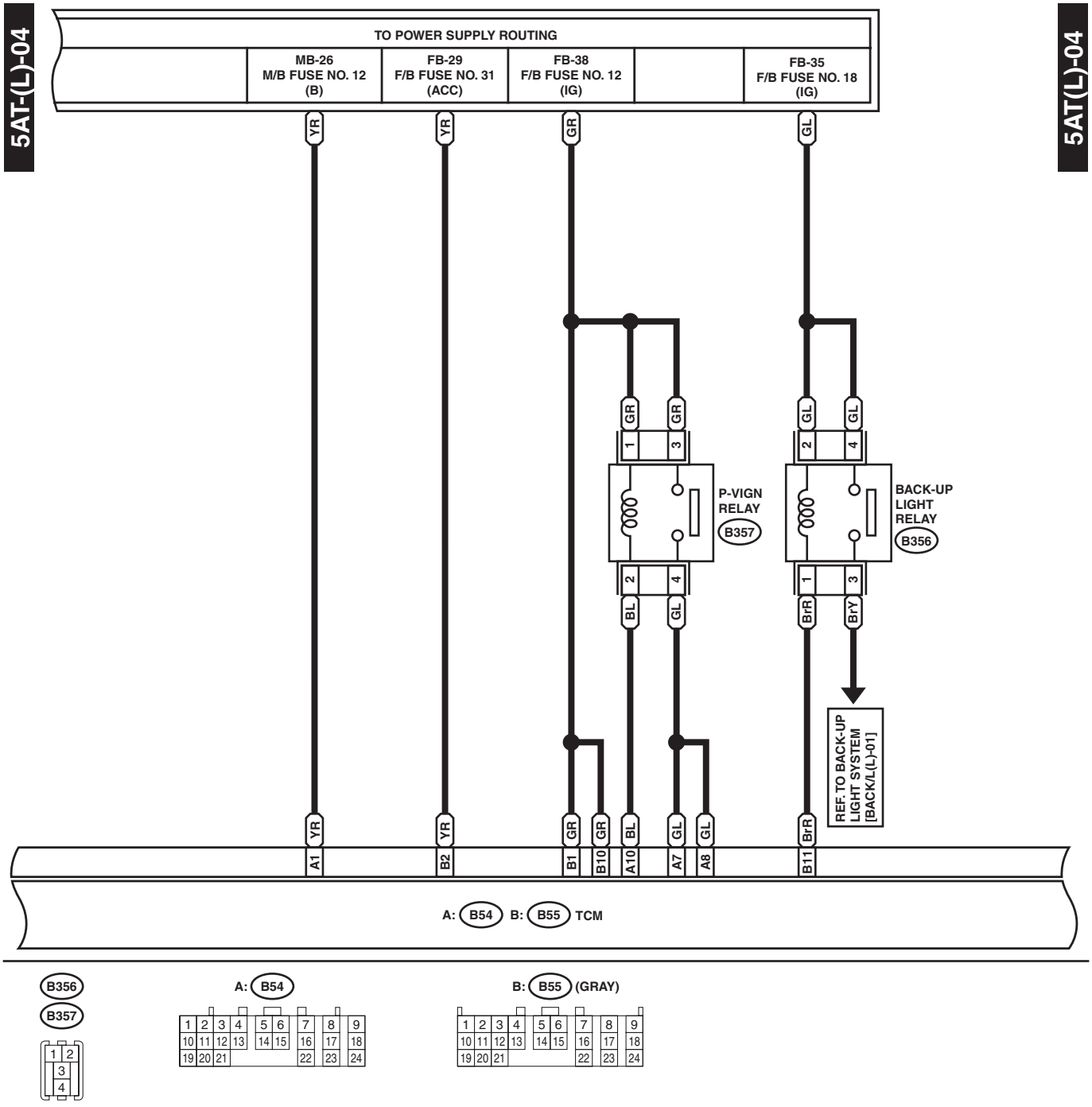

B116
B79 (GRAY)
B40
A: B54
C: B281
A: i84

WI-03963

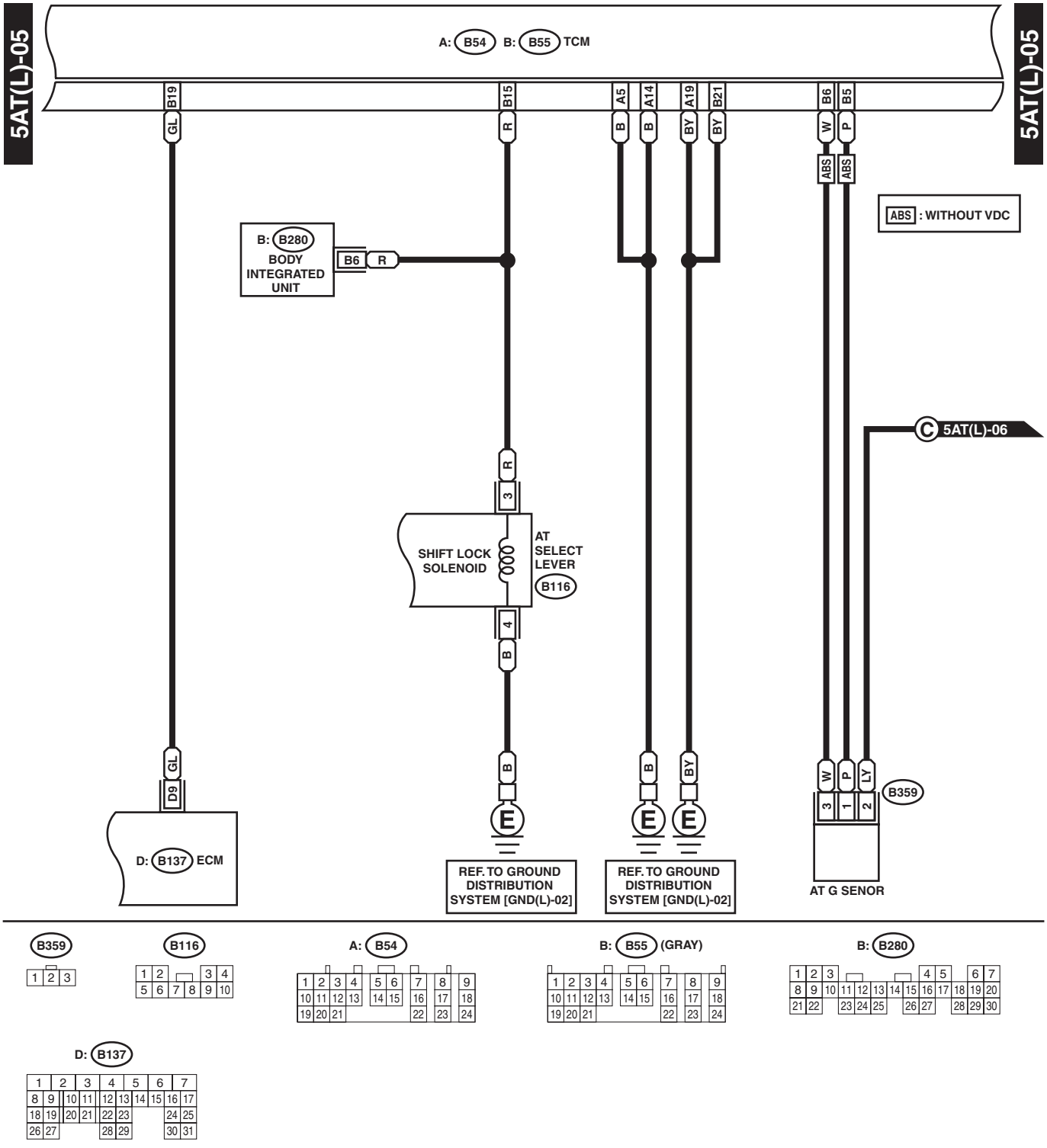

5AT(L)-03
B301
ABS CONTROL MODULE
B310
VDC CONTROL MODULE
B: B280
BODY INTEGRATED UNIT
B310
VDC CONTROL MODULE
5AT(L)-03
VDC : WITH VDC
ABS : WITHOUT VDC
TWISTED WIRE
CAN JOINT CONNECTOR (INT)
B352
CAN JOINT CONNECTOR (STR)
CAN JOINT CONNECTOR (TCM)
B355
B234
B231
STEERING ANGLE SENSOR
A: B54 TCM
D: B137 ECM
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-02]


B231
B234
B352
B355
A: B54
B301
B: B280
D: B137
B310

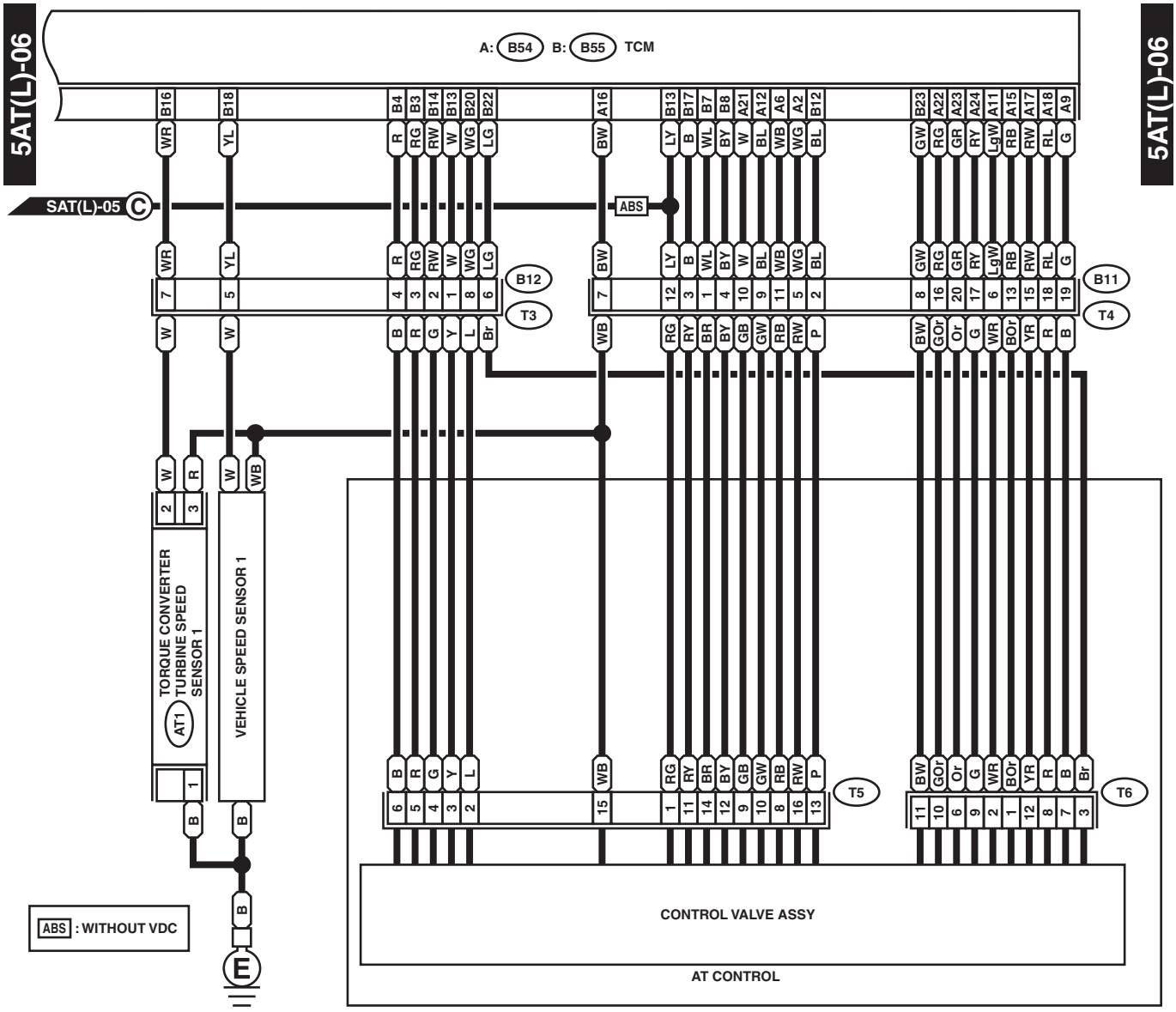
WI-03964

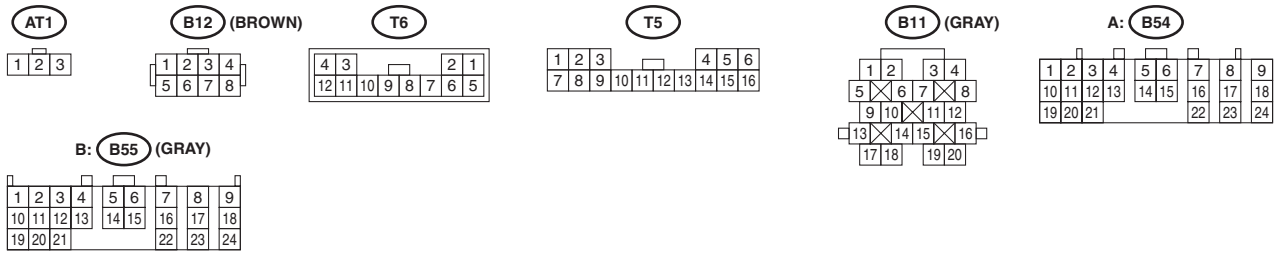

5AT-(L)-04
5AT(L)-04
TO POWER SUPPLY ROUTING
MB-26
M/B FUSE NO. 12
(B)
FB-29
F/B FUSE NO. 31
(ACC)
FB-38
F/B FUSE NO. 12
(IG)
FB-35
F/B FUSE NO. 18
(IG)
YR
YR
GR
GL
GR
GR
GL
GL
1
3
2
4
P-VIGN
RELAY
B357
BACK-UP
LIGHT
RELAY
B356
2
4
1
3
BL
GL
BrR
BrY
REF. TO BACK-UP
LIGHT SYSTEM
[BACK/L(L)-01]
YR
YR
GR
GR
BL
GL
GL
BrR
A1
B2
B1
B10
A10
A7
A8
B11
A: B54 B: B55 TCM
B356
B357
1 2
3
4
A: B54
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24
B: B55 (GRAY)
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24

WI-03965


5AT(L)-05
5AT(L)-05
A: B54 B: B55 TCM
B19
B15
A5
A14
A19
B21
B6
B5
GL
R
B
B
BY
BY
W
P
ABS
ABS
ABS : WITHOUT VDC
B: B280
BODY INTEGRATED UNIT
B6
R
C 5AT(L)-06
R
3
SHIFT LOCK SOLENOID
AT SELECT LEVER
B116
4
B
GL
D9
B
B
BY
W
P
LY
B359
3
1
2
D: B137 ECM
E
E
E
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-02]
REF. TO GROUND DISTRIBUTION SYSTEM [GND(L)-02]
AT G SENOR
B359
B116
A: B54
B: B55 (GRAY)
B: B280
D: B137

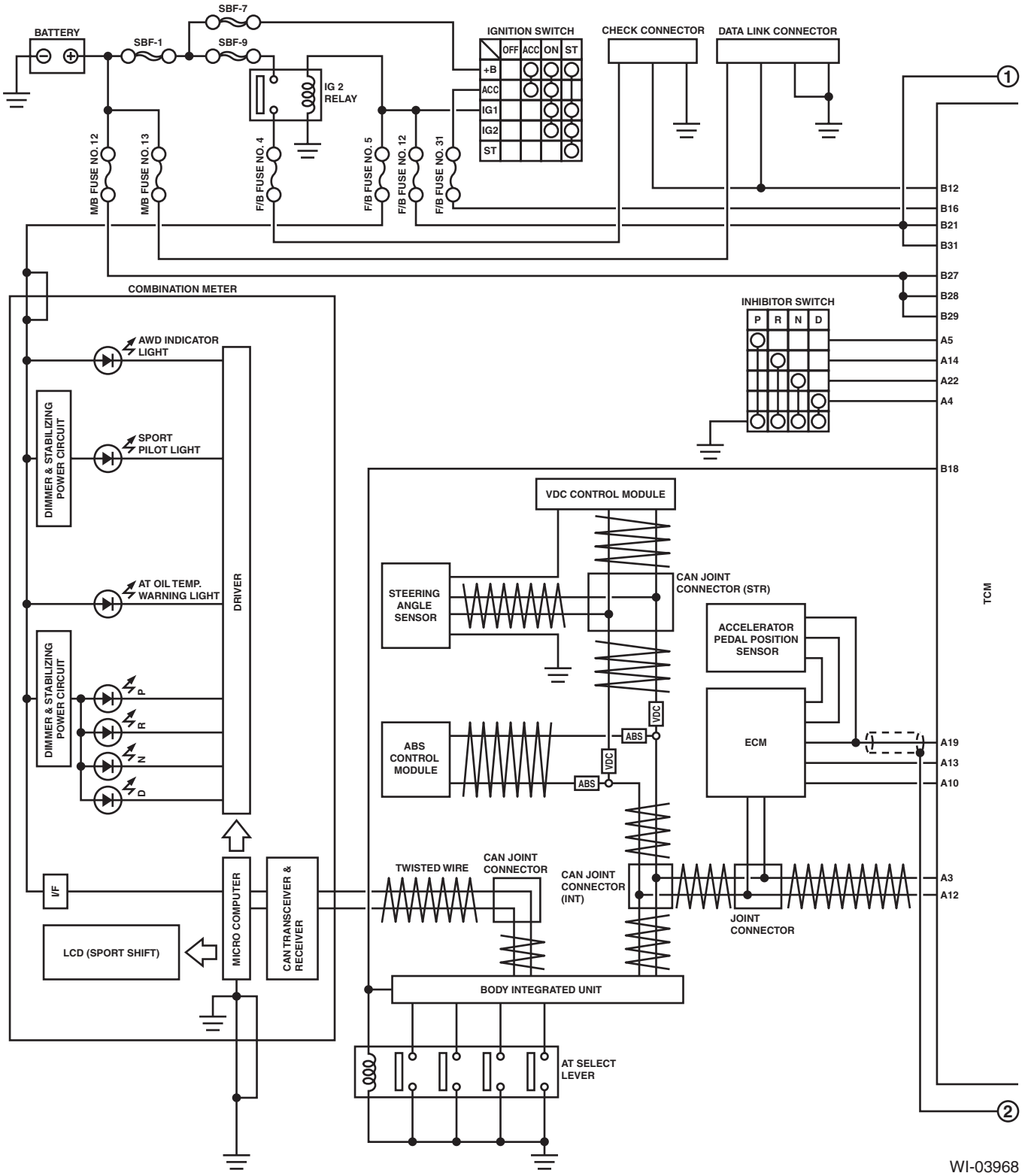
WI-03966


5AT(L)-06
5AT(L)-06
A: B54 B: B55 TCM
SAT(L)-05 C
ABS
B12
T3
B11
T4
TORQUE CONVERTER TURBINE SPEED SENSOR 1
AT1
VEHICLE SPEED SENSOR 1
T5
T6
CONTROL VALVE ASSY
AT CONTROL
ABS : WITHOUT VDC

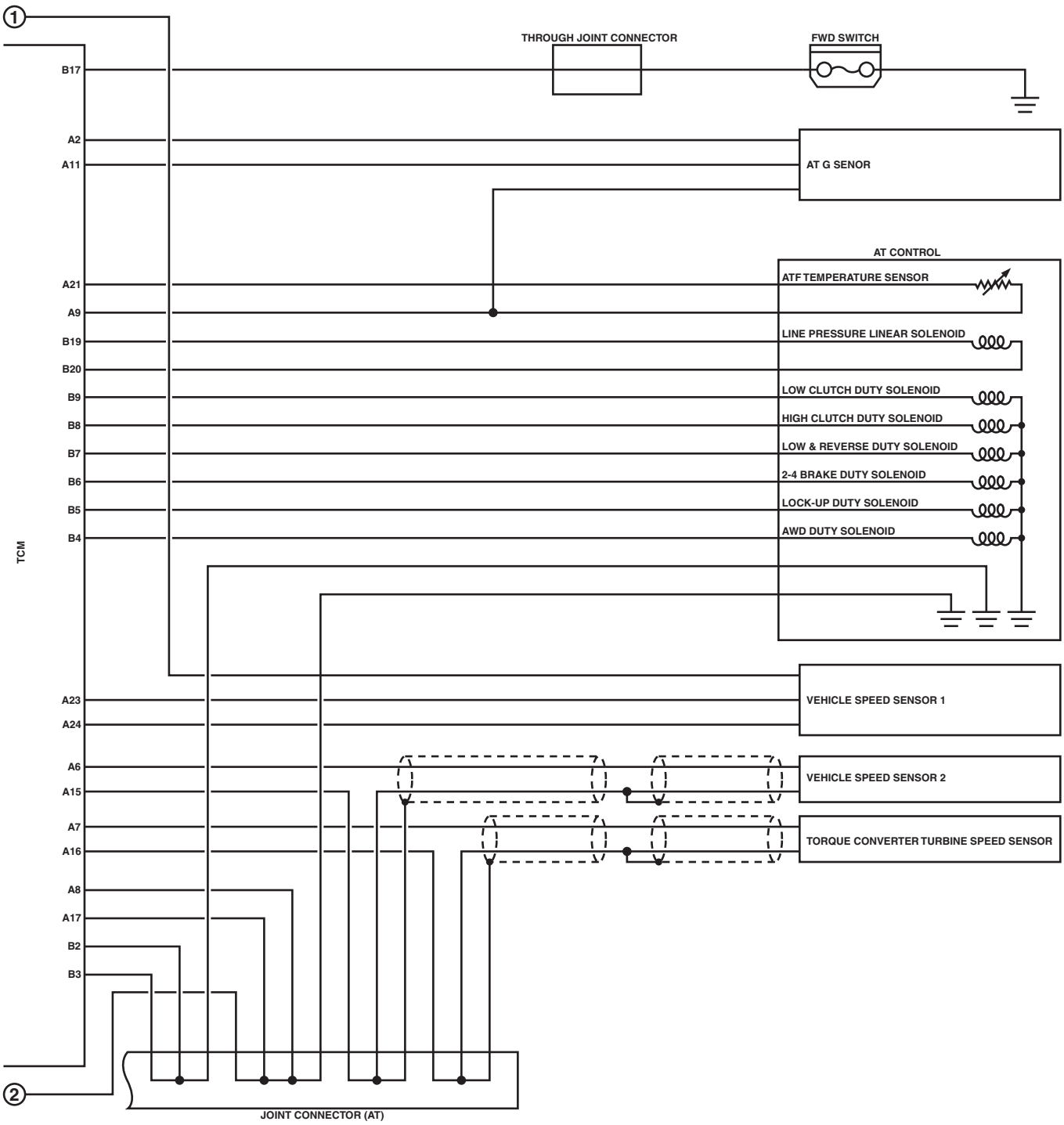

AT1
B12 (BROWN)
T6
T5
B11 (GRAY)
A: B54
B: B55 (GRAY)

WI-03967

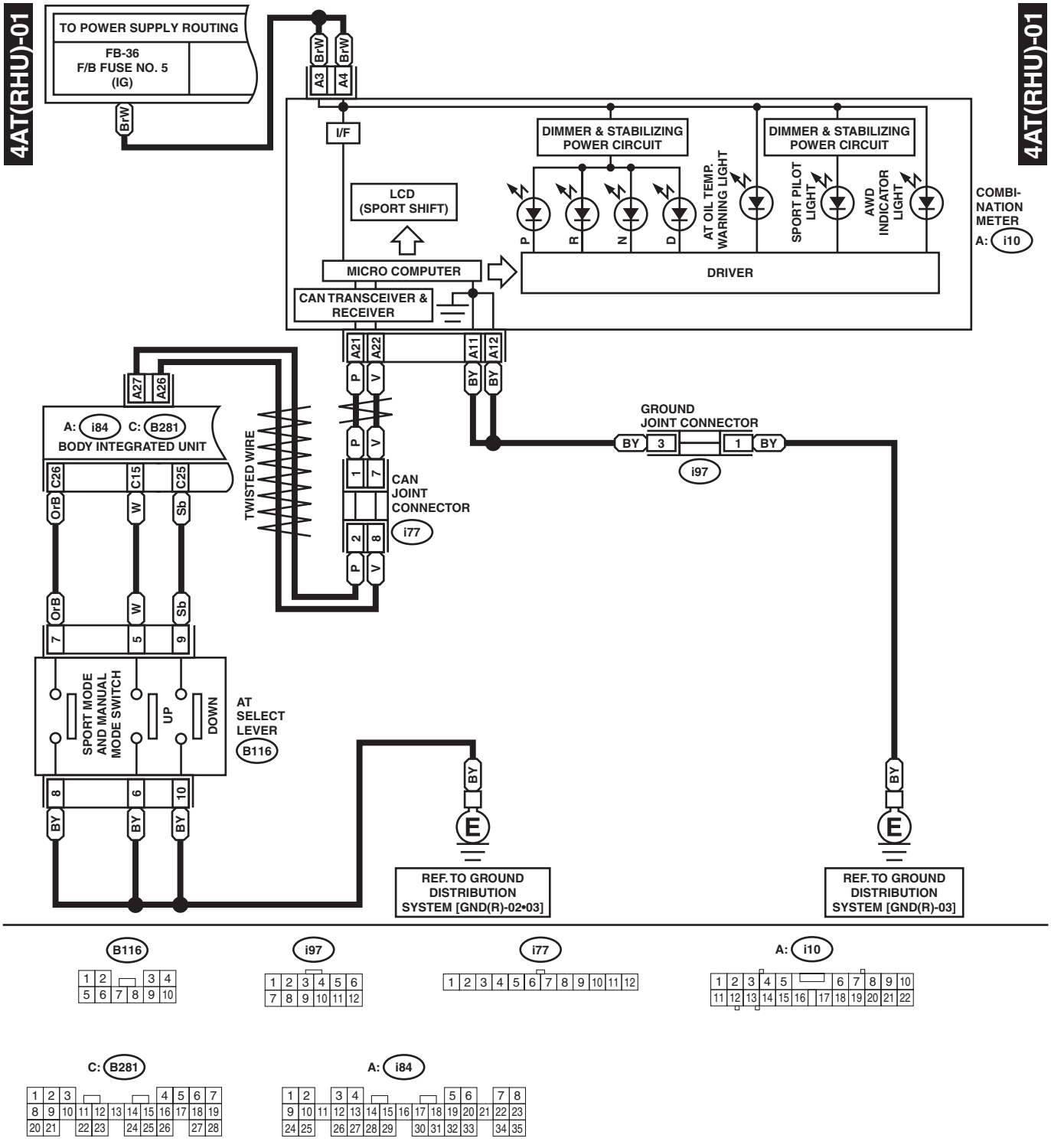
3. RHD 4AT MODEL (2.0 L NON-TURBO MODEL AND 2.5 L KA MODEL)



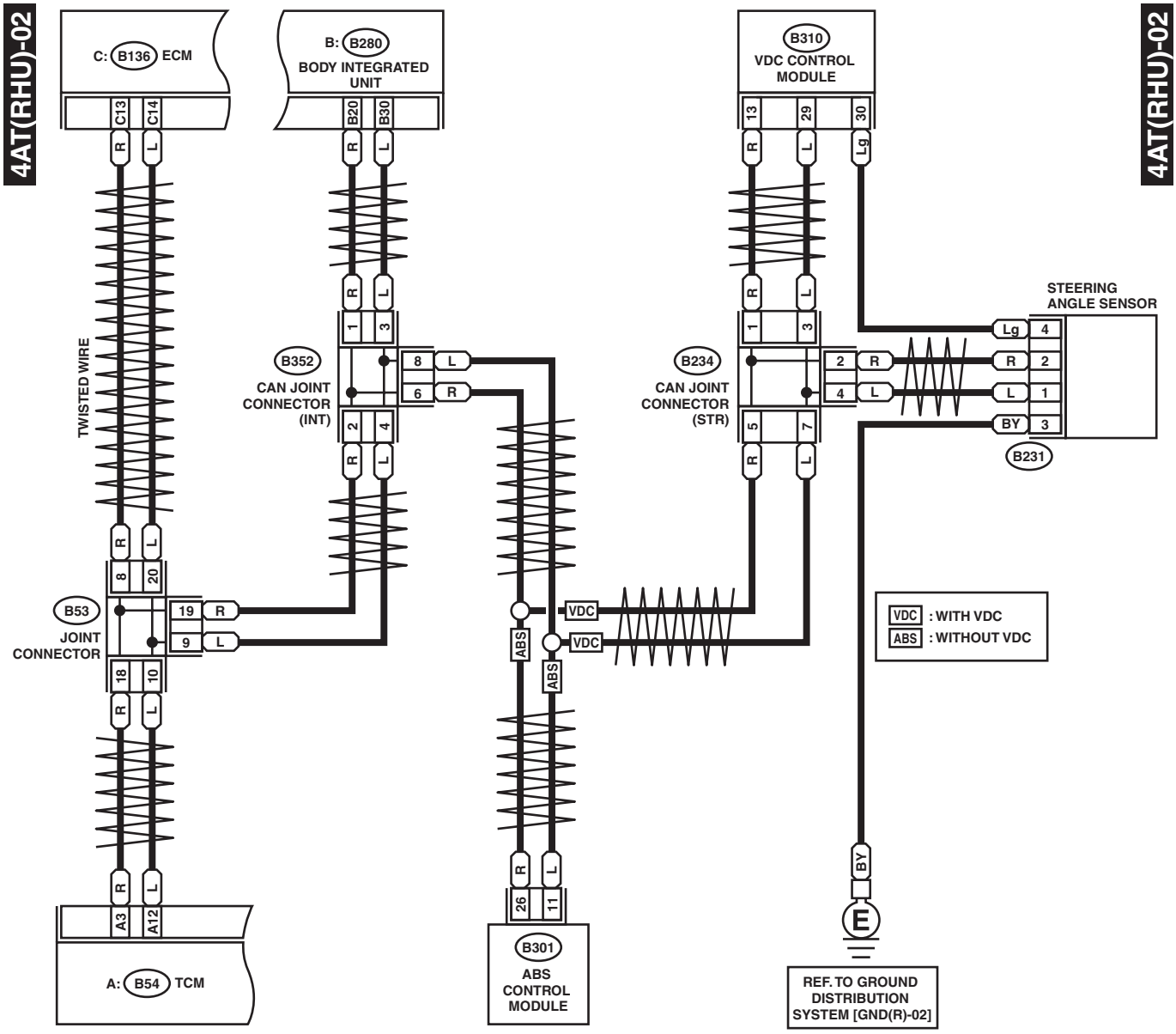
WI-03968

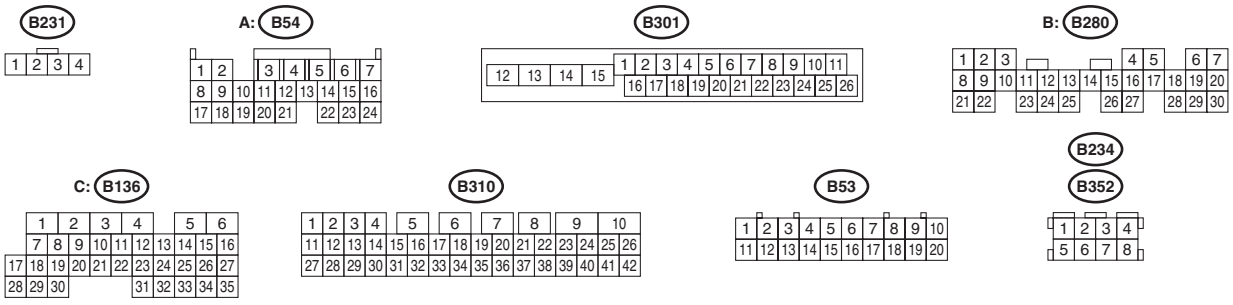

①
THROUGH JOINT CONNECTOR
FWD SWITCH
B17
A2
A11
AT G SENOR
AT CONTROL
A21
ATF TEMPERATURE SENSOR
A9
B19
LINE PRESSURE LINEAR SOLENOID
B20
B9
LOW CLUTCH DUTY SOLENOID
B8
HIGH CLUTCH DUTY SOLENOID
B7
LOW & REVERSE DUTY SOLENOID
B6
2-4 BRAKE DUTY SOLENOID
B5
LOCK-UP DUTY SOLENOID
B4
AWD DUTY SOLENOID
TCM
A23
VEHICLE SPEED SENSOR 1
A24
A6
VEHICLE SPEED SENSOR 2
A15
A7
TORQUE CONVERTER TURBINE SPEED SENSOR
A16
A8
A17
B2
B3
②
JOINT CONNECTOR (AT)

WI-03969

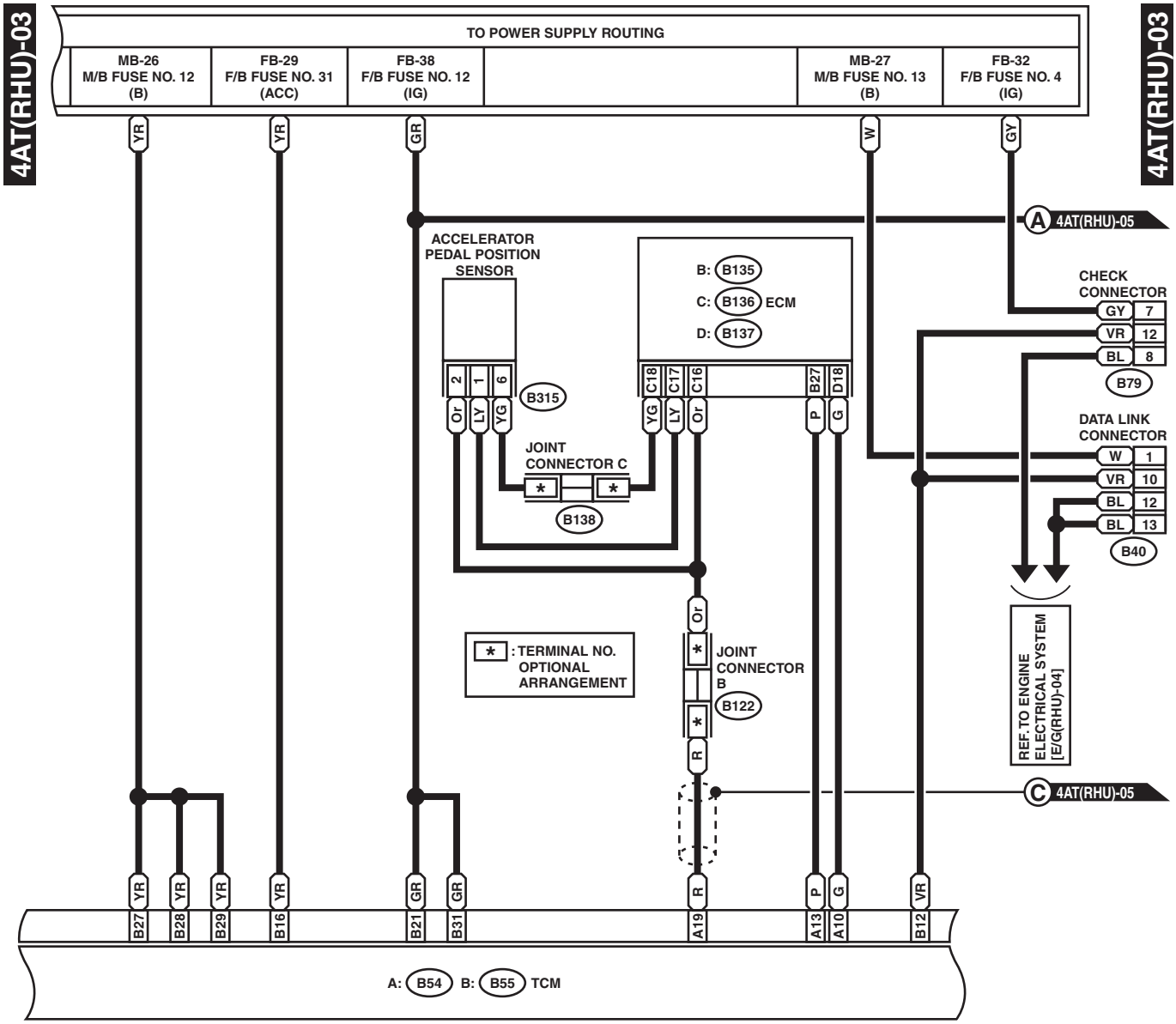

4AT(RHU)-01
TO POWER SUPPLY ROUTING
FB-36
F/B FUSE NO. 5
(IG)
BrW
A3
A4
I/F
DIMMER & STABILIZING POWER CIRCUIT
DIMMER & STABILIZING POWER CIRCUIT
LCD (SPORT SHIFT)
P
R
N
D
AT OIL TEMP. WARNING LIGHT
SPORT PILOT LIGHT
AWD INDICATOR LIGHT
COMBI-NATION METER
A: i10
MICRO COMPUTER
DRIVER
CAN TRANSCEIVER & RECEIVER
A21
A22
A11
A12
BY
A27
A26
A: i84 C: B281
BODY INTEGRATED UNIT
C26
C15
C25
OrB
W
Sb
TWISTED WIRE
CAN JOINT CONNECTOR
i77
GROUND JOINT CONNECTOR
3
1
i97
7
5
9
SPORT MODE AND MANUAL MODE SWITCH
UP
DOWN
AT SELECT LEVER
B116
8
6
10
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-02•03]
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-03]
B116
i97
i77
A: i10
C: B281
A: i84

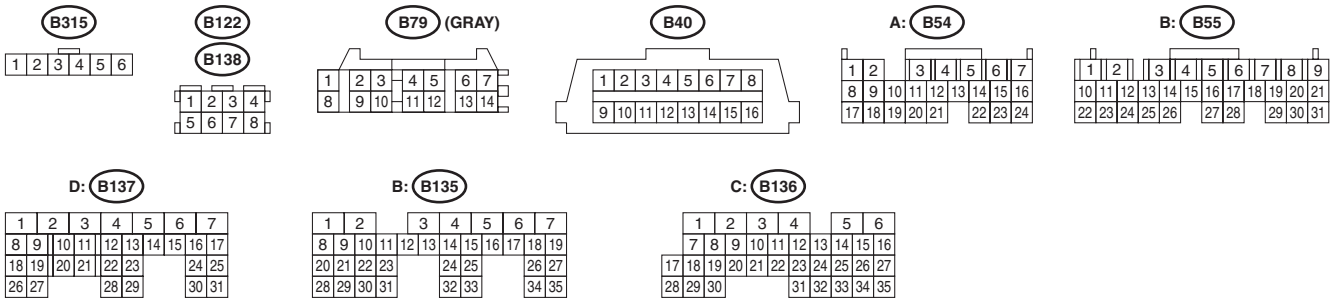
WI-03970


4AT(RHU)-02
4AT(RHU)-02
C: B136 ECM
B: B280 BODY INTEGRATED UNIT
B310 VDC CONTROL MODULE
STEERING ANGLE SENSOR
TWISTED WIRE
B352 CAN JOINT CONNECTOR (INT)
B234 CAN JOINT CONNECTOR (STR)
B53 JOINT CONNECTOR
B231
A: B54 TCM
B301 ABS CONTROL MODULE
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-02]
VDC : WITH VDC
ABS : WITHOUT VDC

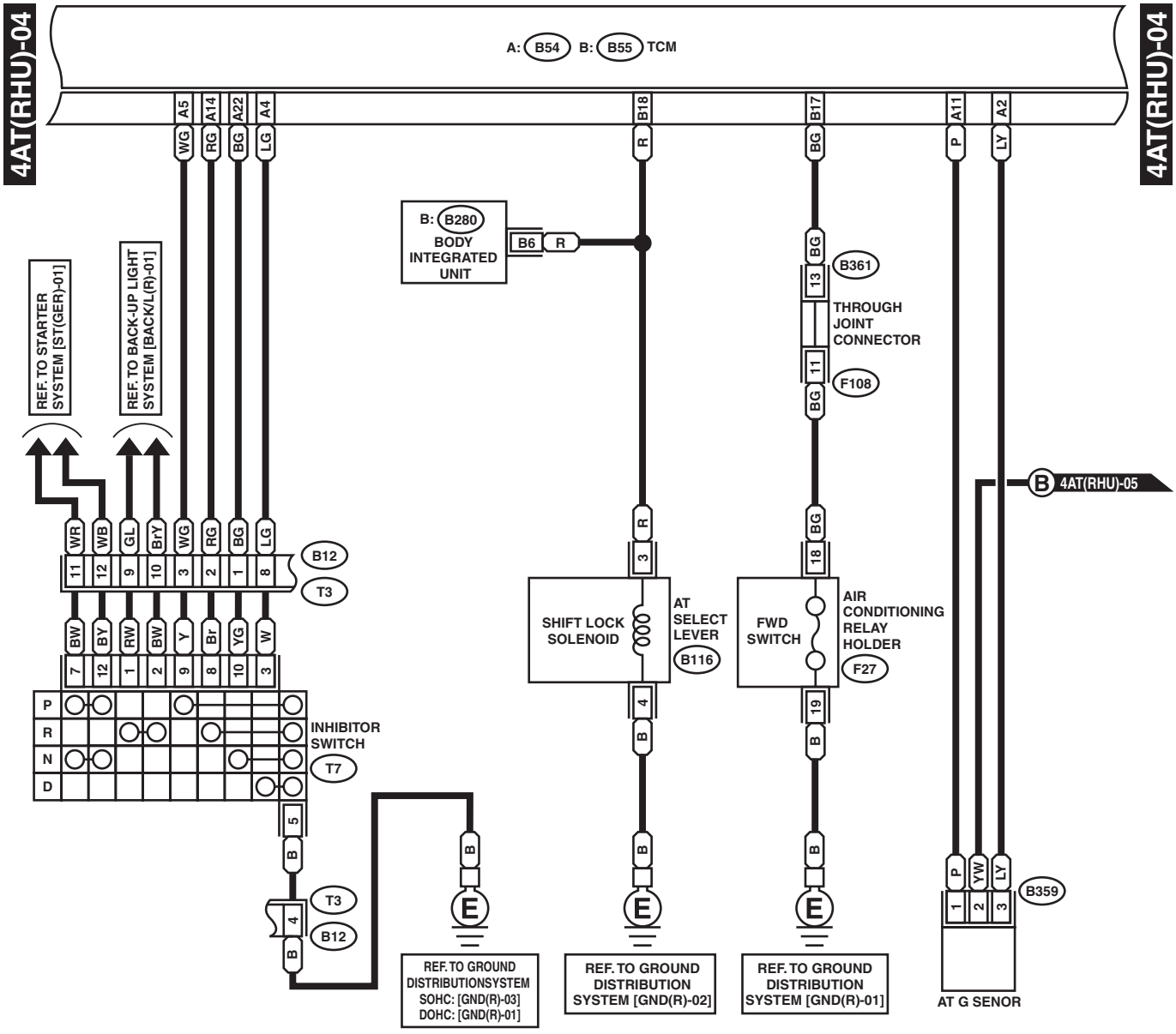

B231
A: B54
B301
B: B280
C: B136
B310
B53
B234
B352

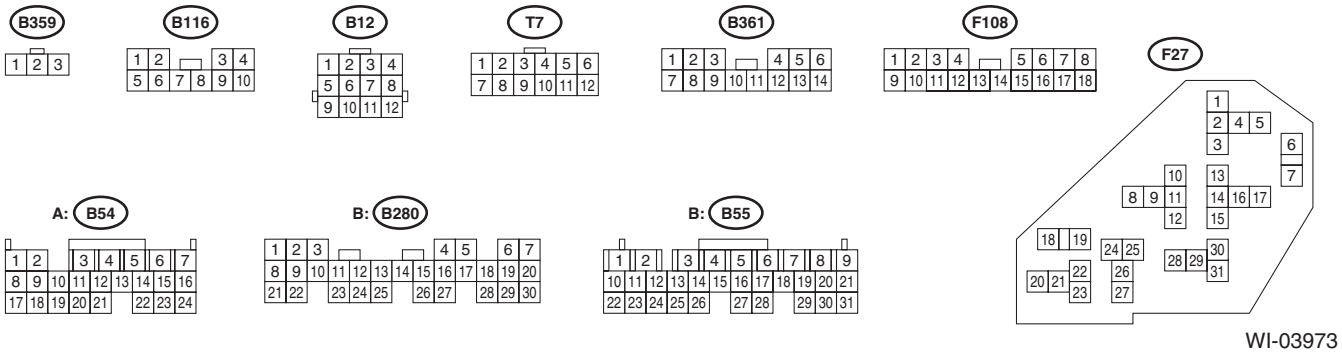
WI-03971


4AT(RHU)-03
TO POWER SUPPLY ROUTING
MB-26 M/B FUSE NO. 12 (B)
FB-29 F/B FUSE NO. 31 (ACC)
FB-38 F/B FUSE NO. 12 (IG)
MB-27 M/B FUSE NO. 13 (B)
FB-32 F/B FUSE NO. 4 (IG)
4AT(RHU)-03
YR
YR
GR
W
GY
A 4AT(RHU)-05
ACCELERATOR PEDAL POSITION SENSOR
B: B135
C: B136 ECM
D: B137
CHECK CONNECTOR
GY 7
VR 12
BL 8
B79
B315
Or
LY
YG
C18
C17
C16
B27
D18
YG
LY
Or
P
G
JOINT CONNECTOR C
B138
DATA LINK CONNECTOR
W 1
VR 10
BL 12
BL 13
B40
Or
JOINT CONNECTOR B
B122
R
* : TERMINAL NO. OPTIONAL ARRANGEMENT
REF.TO ENGINE ELECTRICAL SYSTEM [E/G(RHU)-04]
C 4AT(RHU)-05
YR
YR
YR
YR
GR
GR
R
P
G
VR
B27
B28
B29
B16
B21
B31
A19
A13
A10
B12
A: B54 B: B55 TCM

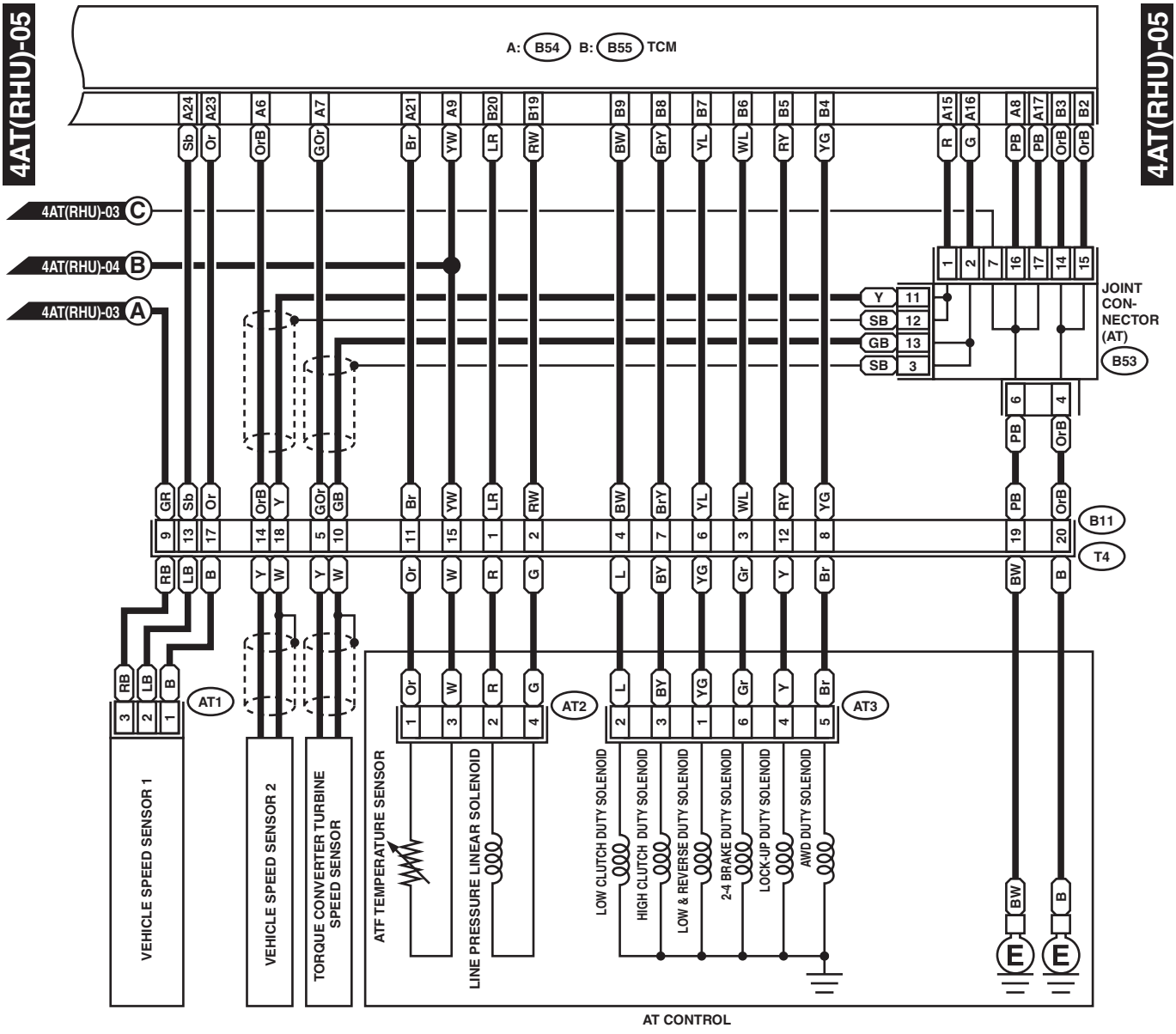

B315
B122
B138
B79 (GRAY)
B40
A: B54
B: B55
D: B137
B: B135
C: B136

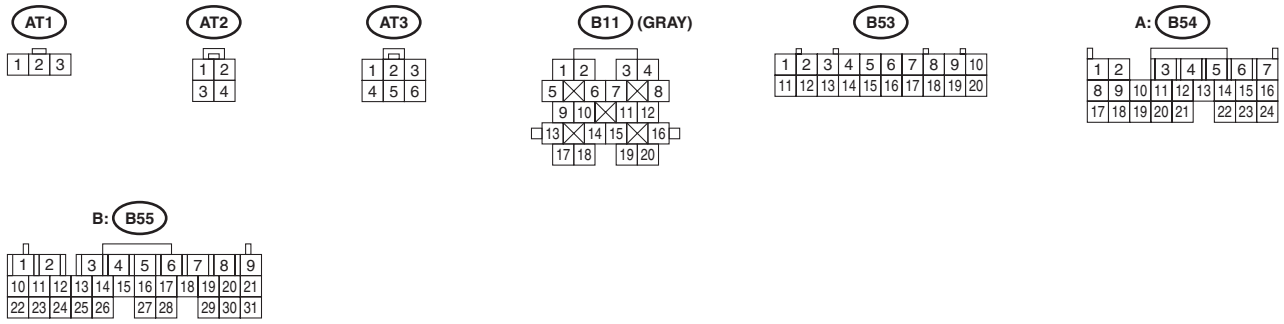
WI-03972


4AT(RHU)-04
4AT(RHU)-04
A: B54 B: B55 TCM
A5 A14 A22 A4
WG RG BG LG
B18 B17 A11 A2
R BG P LY
B: B280
BODY INTEGRATED UNIT
B6 R
B361
THROUGH JOINT CONNECTOR
F108
REF. TO STARTER SYSTEM [ST(GER)-01]
REF. TO BACK-UP LIGHT SYSTEM [BACK/L(R)-01]
B 4AT(RHU)-05
WR WB GL BrY WG RG BG LG
B12
T3
BW BY RW BW Y Br YG W
P
R
N
D
INHIBITOR SWITCH
T7
SHIFT LOCK SOLENOID
AT SELECT LEVER
B116
FWD SWITCH
AIR CONDITIONING RELAY HOLDER
F27
P YW LY
B359
AT G SENOR
REF. TO GROUND DISTRIBUTIONSYSTEM SOHC: [GND(R)-03] DOHC: [GND(R)-01]
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-02]
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-01]


B359
B116
B12
T7
B361
F108
F27
A: B54
B: B280
B: B55

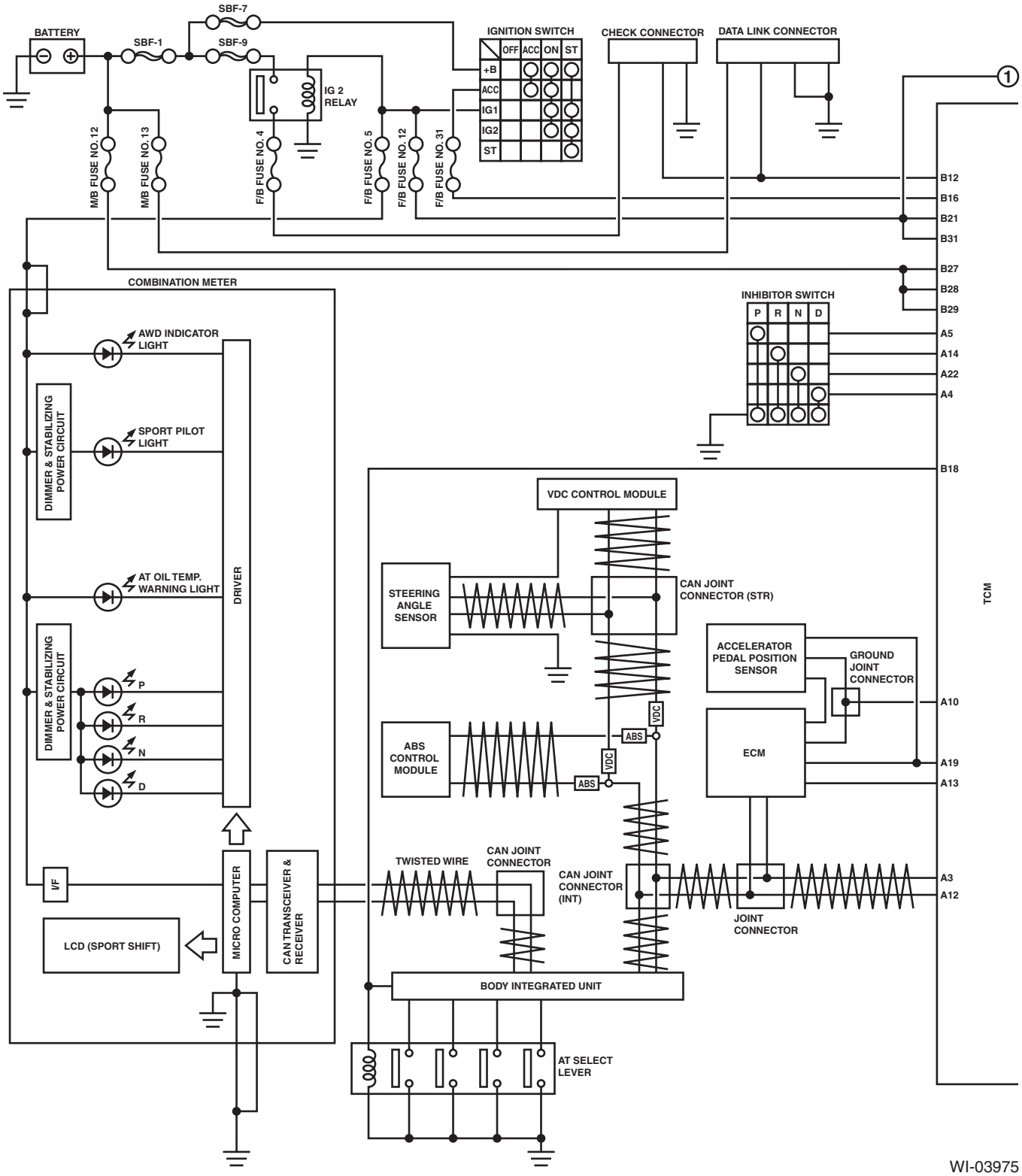
WI-03973

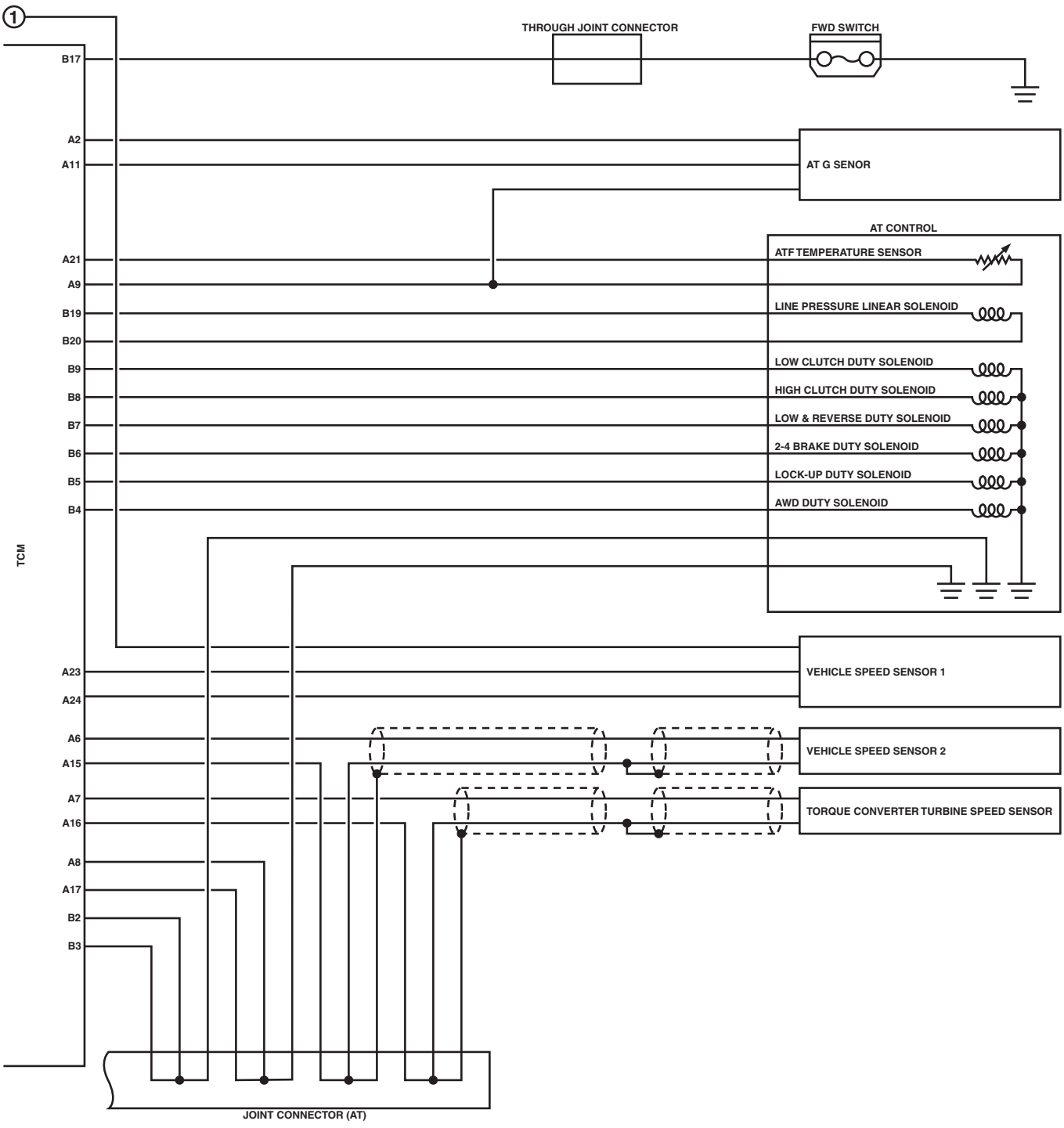

4AT(RHU)-05
4AT(RHU)-05
A: B54 B: B55 TCM
4AT(RHU)-03 C
4AT(RHU)-04 B
4AT(RHU)-03 A
JOINT CON-NECTOR (AT)
B53
B11
T4
AT1
AT2
AT3
VEHICLE SPEED SENSOR 1
VEHICLE SPEED SENSOR 2
TORQUE CONVERTER TURBINE SPEED SENSOR
ATF TEMPERATURE SENSOR
LINE PRESSURE LINEAR SOLENOID
LOW CLUTCH DUTY SOLENOID
HIGH CLUTCH DUTY SOLENOID
LOW & REVERSE DUTY SOLENOID
2-4 BRAKE DUTY SOLENOID
LOCK-UP DUTY SOLENOID
AWD DUTY SOLENOID
AT CONTROL


AT1
AT2
AT3
B11 (GRAY)
B53
A: B54
B: B55

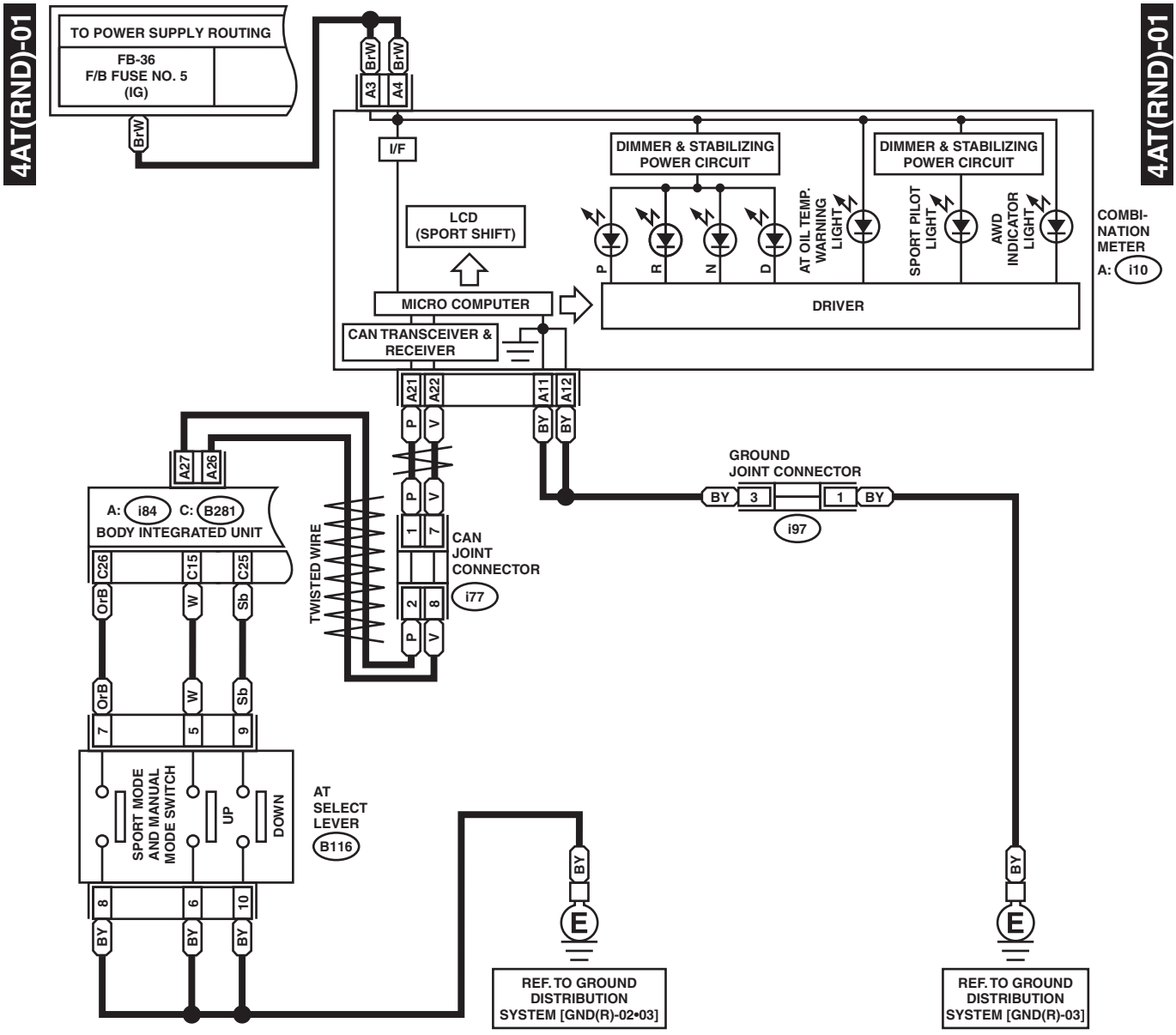
WI-03974

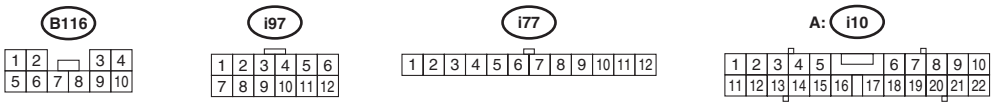
4. RHD 4AT MODEL (2.5 L EK MODEL)

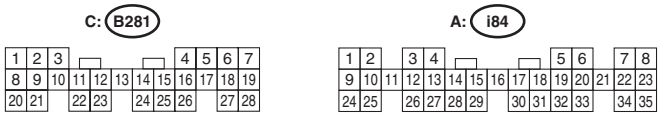



1
THROUGH JOINT CONNECTOR
FWD SWITCH
B17
A2
A11
AT G SENOR
AT CONTROL
A21
ATF TEMPERATURE SENSOR
A9
B19
LINE PRESSURE LINEAR SOLENOID
B20
B9
LOW CLUTCH DUTY SOLENOID
B8
HIGH CLUTCH DUTY SOLENOID
B7
LOW & REVERSE DUTY SOLENOID
B6
2-4 BRAKE DUTY SOLENOID
B5
LOCK-UP DUTY SOLENOID
B4
AWD DUTY SOLENOID
TCM
A23
VEHICLE SPEED SENSOR 1
A24
A6
VEHICLE SPEED SENSOR 2
A15
A7
TORQUE CONVERTER TURBINE SPEED SENSOR
A16
A8
A17
B2
B3
JOINT CONNECTOR (AT)

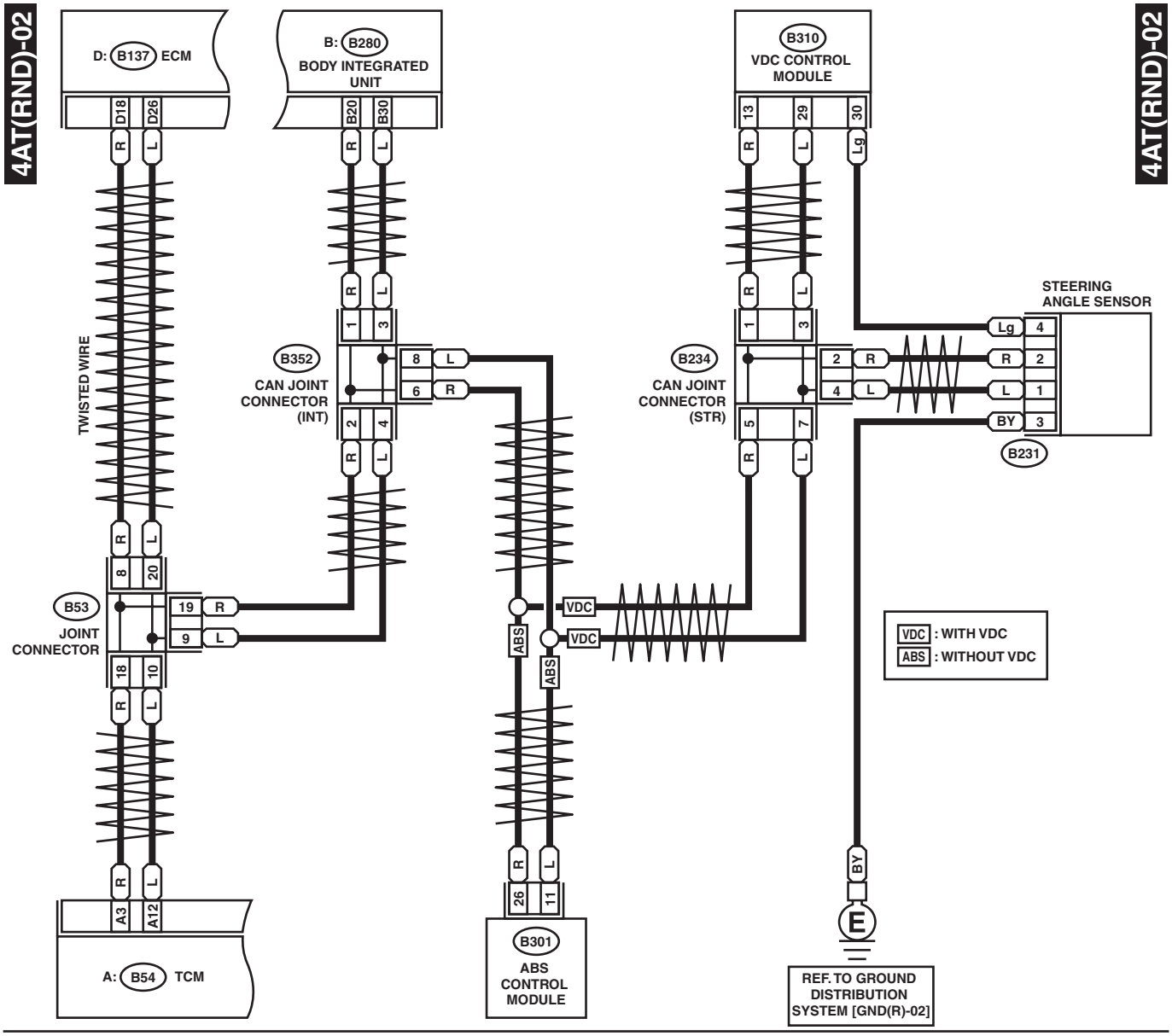
WI-04300

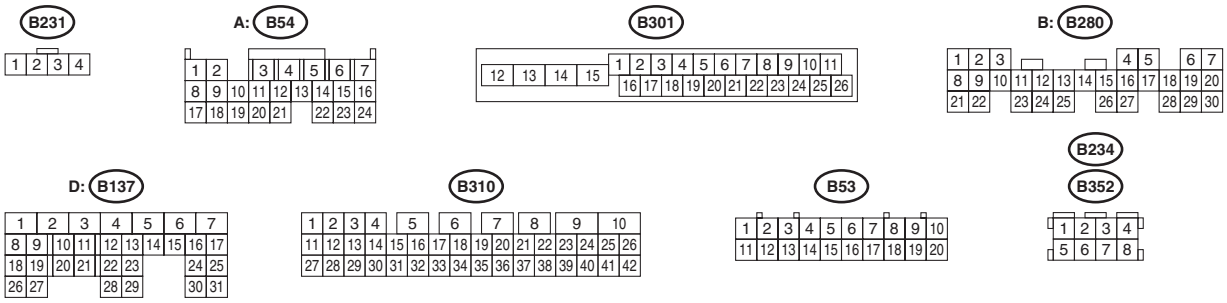

4AT(RND)-01
TO POWER SUPPLY ROUTING
FB-36
F/B FUSE NO. 5
(IG)
BrW
A3
A4
I/F
DIMMER & STABILIZING POWER CIRCUIT
DIMMER & STABILIZING POWER CIRCUIT
LCD (SPORT SHIFT)
MICRO COMPUTER
CAN TRANSCEIVER & RECEIVER
P
R
N
D
AT OIL TEMP. WARNING LIGHT
SPORT PILOT LIGHT
AWD INDICATOR LIGHT
DRIVER
COMBI-NATION METER
A: i10
A21
A22
A11
A12
BY
V
GROUND JOINT CONNECTOR
3
1
i97
A27
A26
A: i84
C: B281
BODY INTEGRATED UNIT
C26
C15
C25
OrB
W
Sb
TWISTED WIRE
CAN JOINT CONNECTOR
i77
7
5
9
SPORT MODE AND MANUAL MODE SWITCH
UP
DOWN
AT SELECT LEVER
B116
8
6
10
E
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-02•03]
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-03]


B116
i97
i77
A: i10

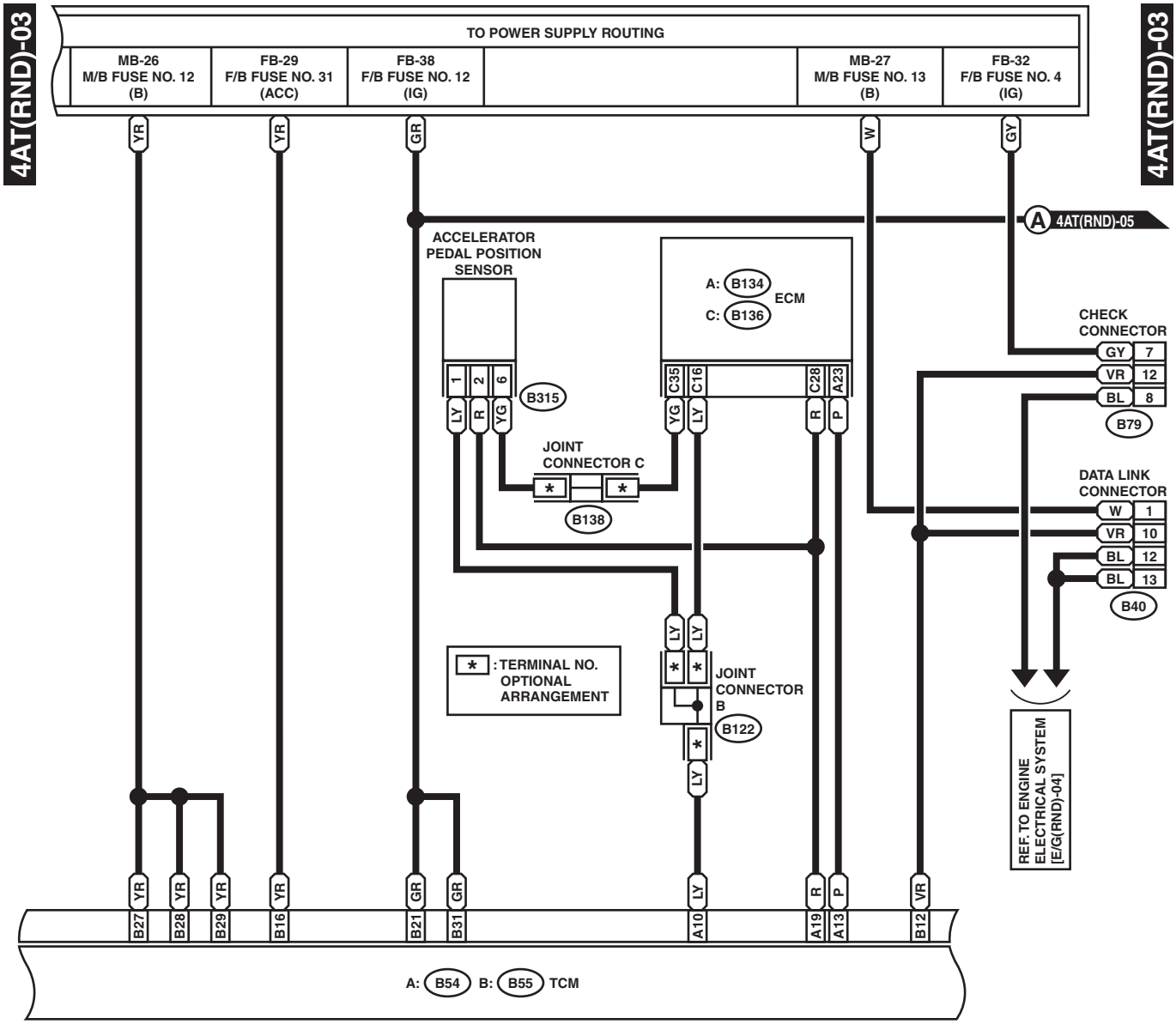

C: B281
A: i84

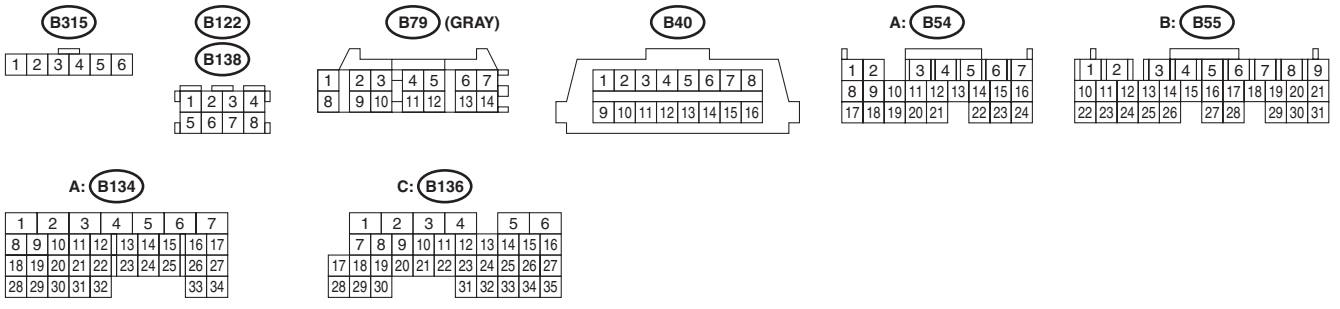
WI-03976


4AT(RND)-02
4AT(RND)-02
D: B137 ECM
B: B280 BODY INTEGRATED UNIT
B310 VDC CONTROL MODULE
STEERING ANGLE SENSOR
TWISTED WIRE
B352 CAN JOINT CONNECTOR (INT)
B234 CAN JOINT CONNECTOR (STR)
B53 JOINT CONNECTOR
B231
VDC : WITH VDC
ABS : WITHOUT VDC
A: B54 TCM
B301 ABS CONTROL MODULE
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-02]

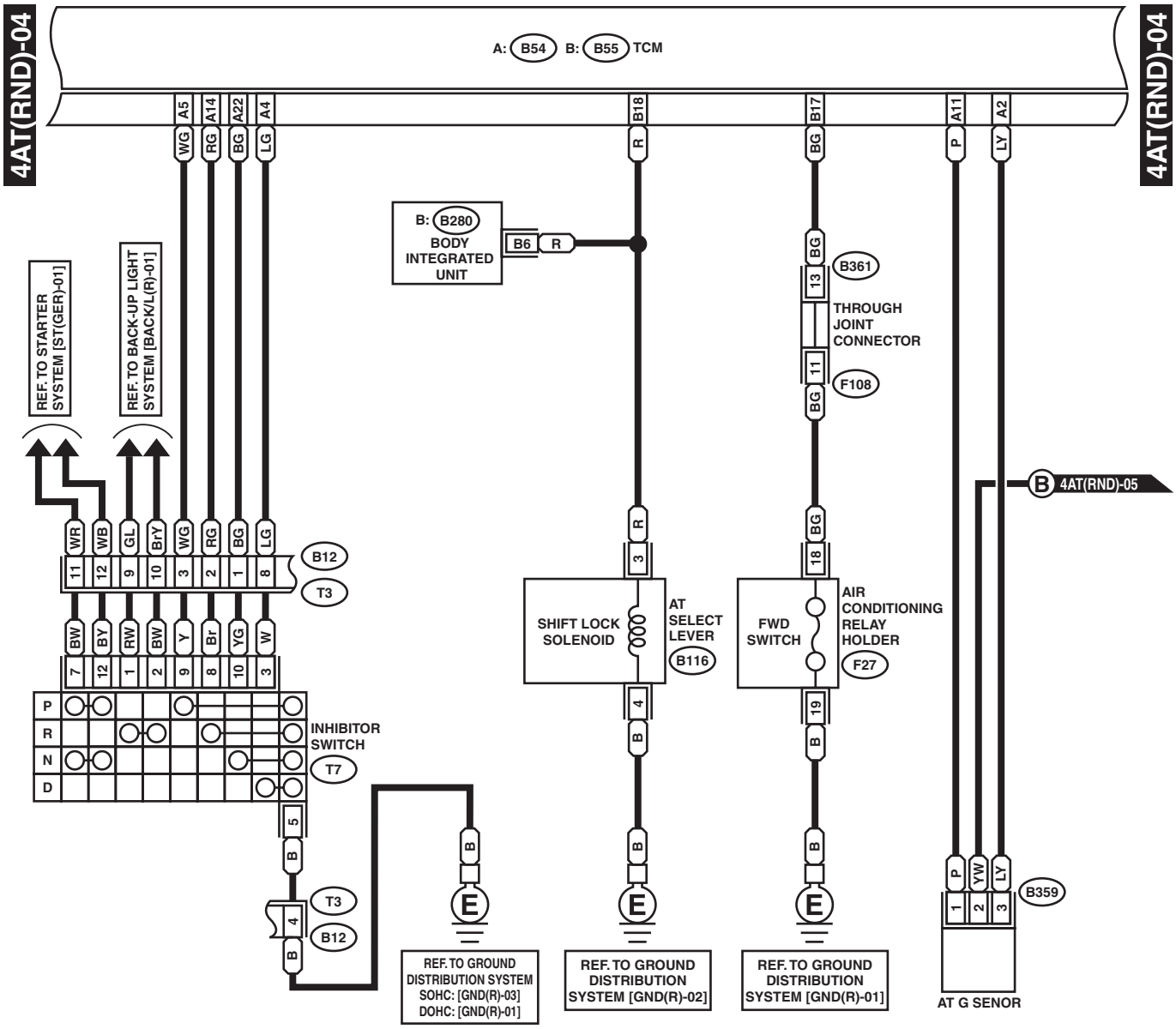

B231
A: B54
B301
B: B280
D: B137
B310
B53
B234
B352

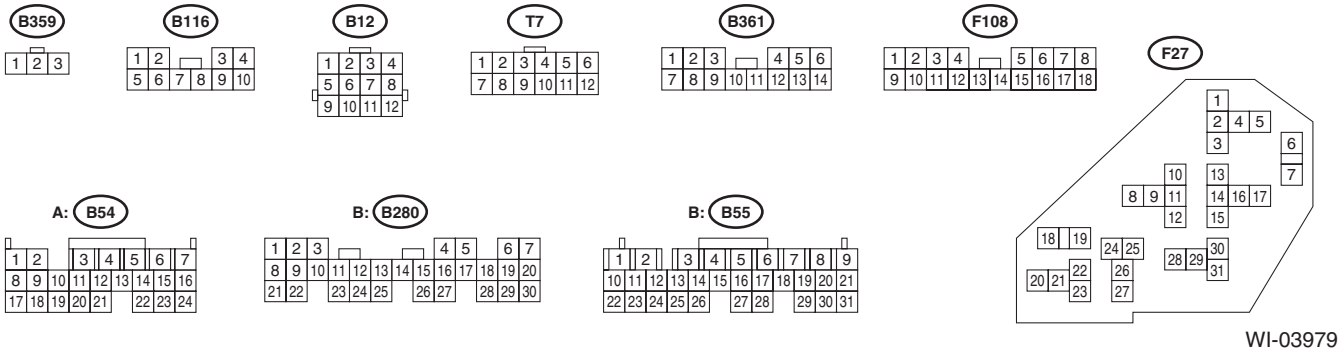
WI-03977


4AT(RND)-03
TO POWER SUPPLY ROUTING
MB-26 M/B FUSE NO. 12 (B)
FB-29 F/B FUSE NO. 31 (ACC)
FB-38 F/B FUSE NO. 12 (IG)
MB-27 M/B FUSE NO. 13 (B)
FB-32 F/B FUSE NO. 4 (IG)
4AT(RND)-03
YR
YR
GR
W
GY
A 4AT(RND)-05
ACCELERATOR PEDAL POSITION SENSOR
B315
A: B134
C: B136
ECM
CHECK CONNECTOR
GY 7
VR 12
BL 8
B79
JOINT CONNECTOR C
B138
DATA LINK CONNECTOR
W 1
VR 10
BL 12
BL 13
B40
* : TERMINAL NO. OPTIONAL ARRANGEMENT
JOINT CONNECTOR B
B122
REF. TO ENGINE ELECTRICAL SYSTEM [E/G(RND)-04]
B27
B28
B29
B16
B21
B31
A10
A19
A13
B12
A: B54 B: B55 TCM

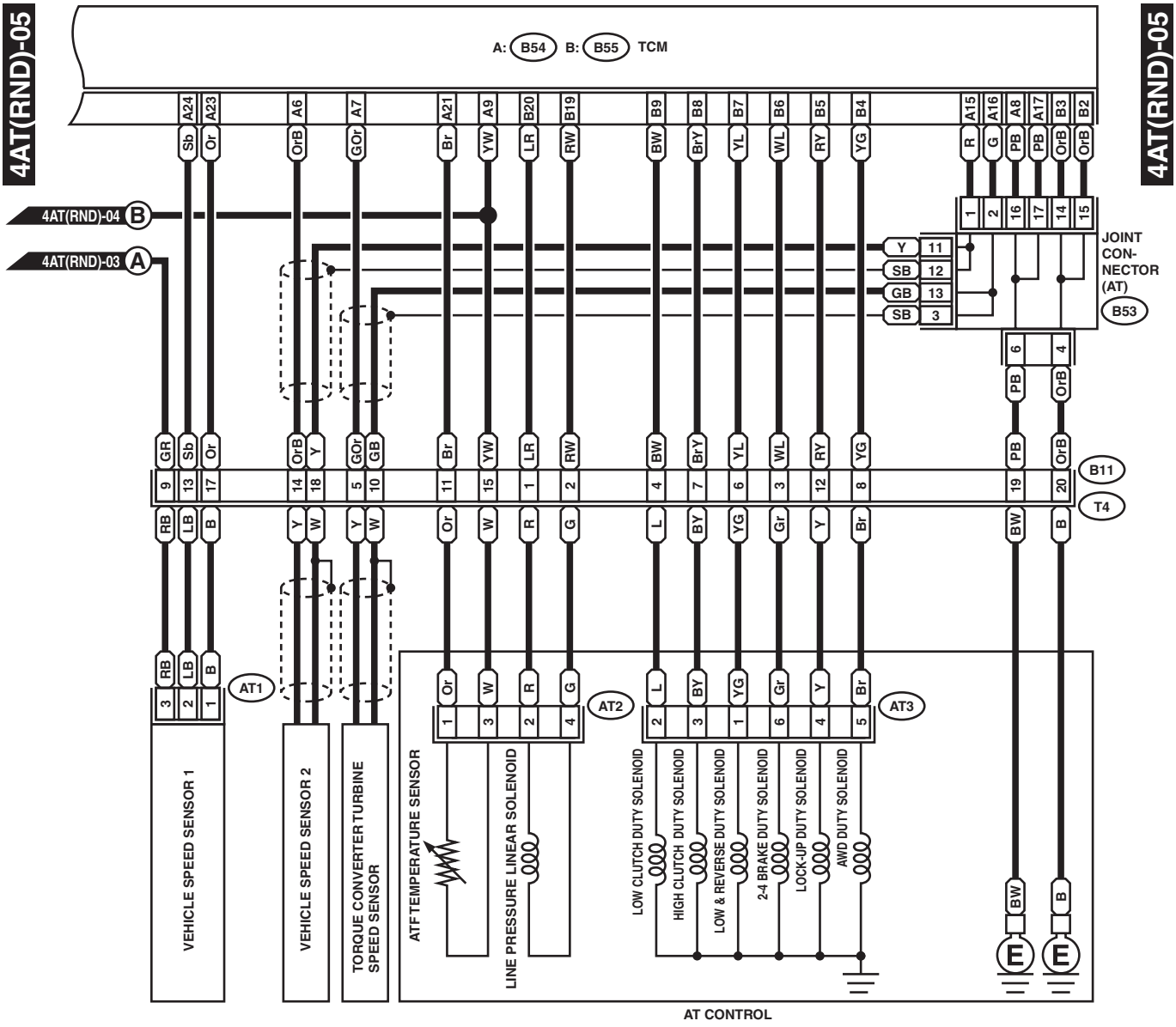

B315
B122
B138
B79 (GRAY)
B40
A: B54
B: B55
A: B134
C: B136

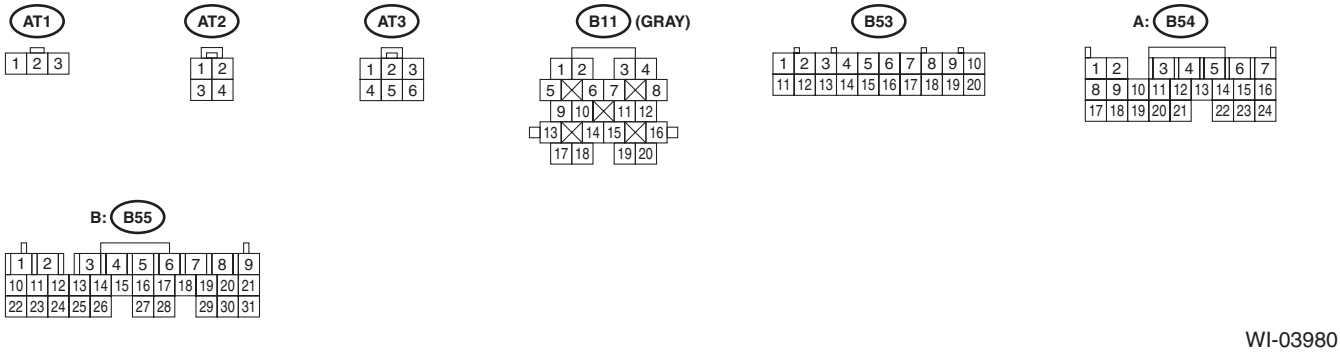
WI-03978


4AT(RND)-04
4AT(RND)-04
A: B54 B: B55 TCM
A5 A14 A22 A4 B18 B17 A11 A2
WG RG BG LG R BG P LY
B: B280
BODY INTEGRATED UNIT
B6 R
B361
THROUGH JOINT CONNECTOR
F108
REF. TO STARTER SYSTEM [ST(GER)-01]
REF. TO BACK-UP LIGHT SYSTEM [BACK/L(R)-01]
B 4AT(RND)-05
WR WB GL BrY WG RG BG LG
B12
T3
BW BY RW BW Y Br YG W
SHIFT LOCK SOLENOID
AT SELECT LEVER
B116
FWD SWITCH
AIR CONDITIONING RELAY HOLDER
F27
P R N D
INHIBITOR SWITCH
T7
P YW LY
B359
AT G SENOR
REF. TO GROUND DISTRIBUTION SYSTEM SOHC: [GND(R)-03] DOHC: [GND(R)-01]
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-02]
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-01]


B359
B116
B12
T7
B361
F108
F27
A: B54
B: B280
B: B55

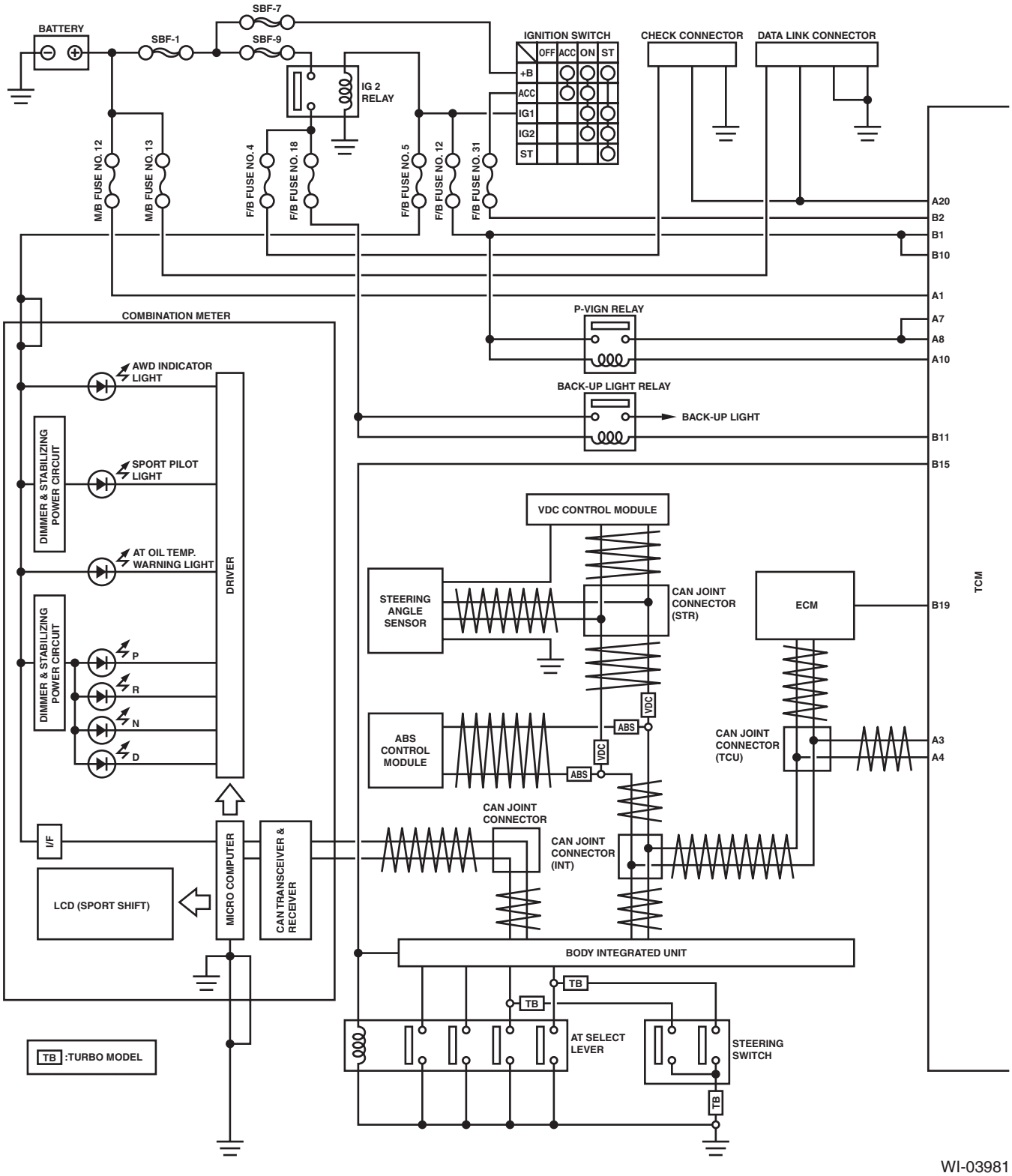
WI-03979


4AT(RND)-05
4AT(RND)-05
A: B54 B: B55 TCM
4AT(RND)-04 B
4AT(RND)-03 A
JOINT CON-NECTOR (AT)
B53
B11
T4
AT1
AT2
AT3
VEHICLE SPEED SENSOR 1
VEHICLE SPEED SENSOR 2
TORQUE CONVERTER TURBINE SPEED SENSOR
ATF TEMPERATURE SENSOR
LINE PRESSURE LINEAR SOLENOID
LOW CLUTCH DUTY SOLENOID
HIGH CLUTCH DUTY SOLENOID
LOW & REVERSE DUTY SOLENOID
2-4 BRAKE DUTY SOLENOID
LOCK-UP DUTY SOLENOID
AWD DUTY SOLENOID
AT CONTROL

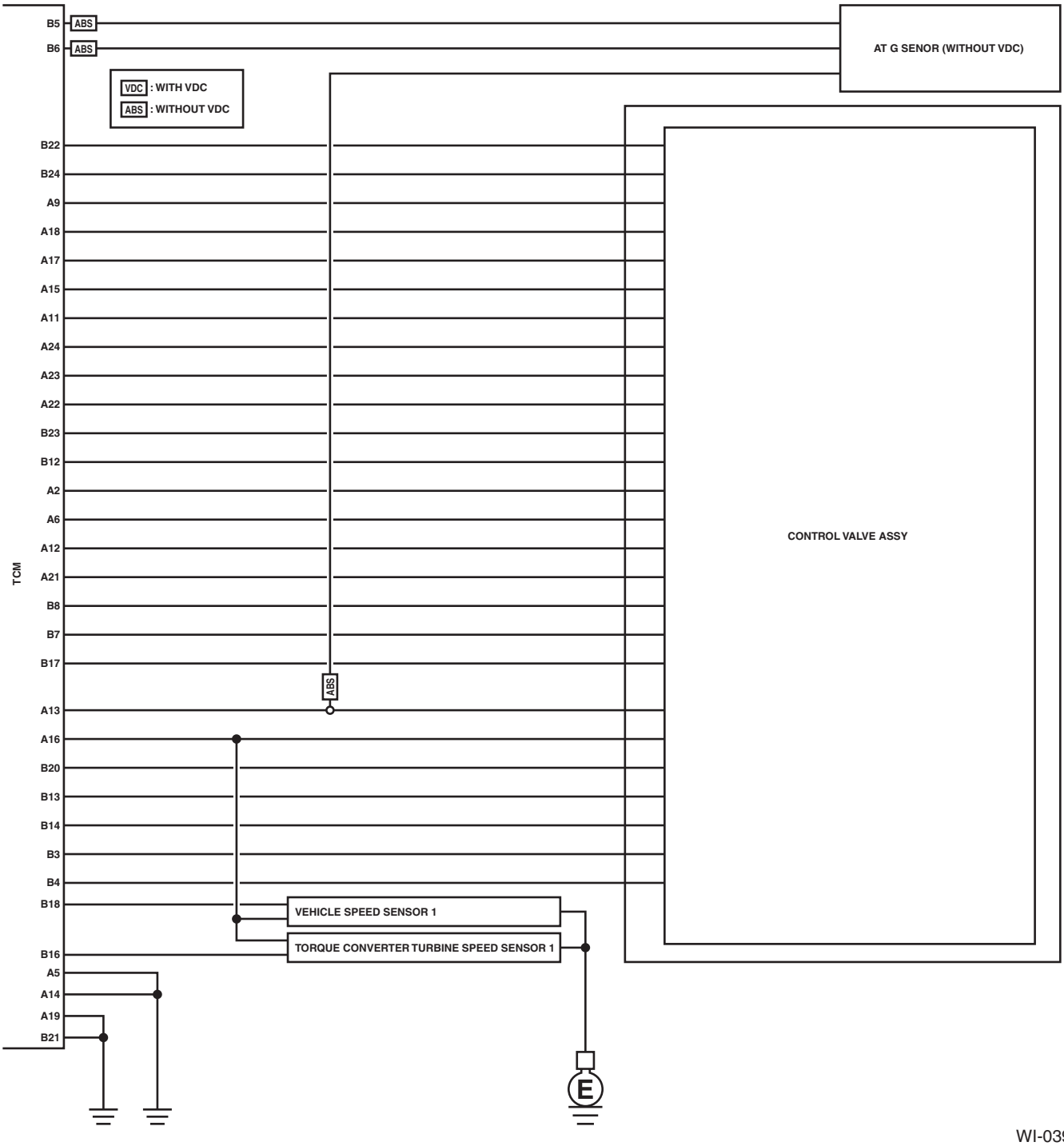

AT1
AT2
AT3
B11 (GRAY)
B53
A: B54
B: B55

WI-03980

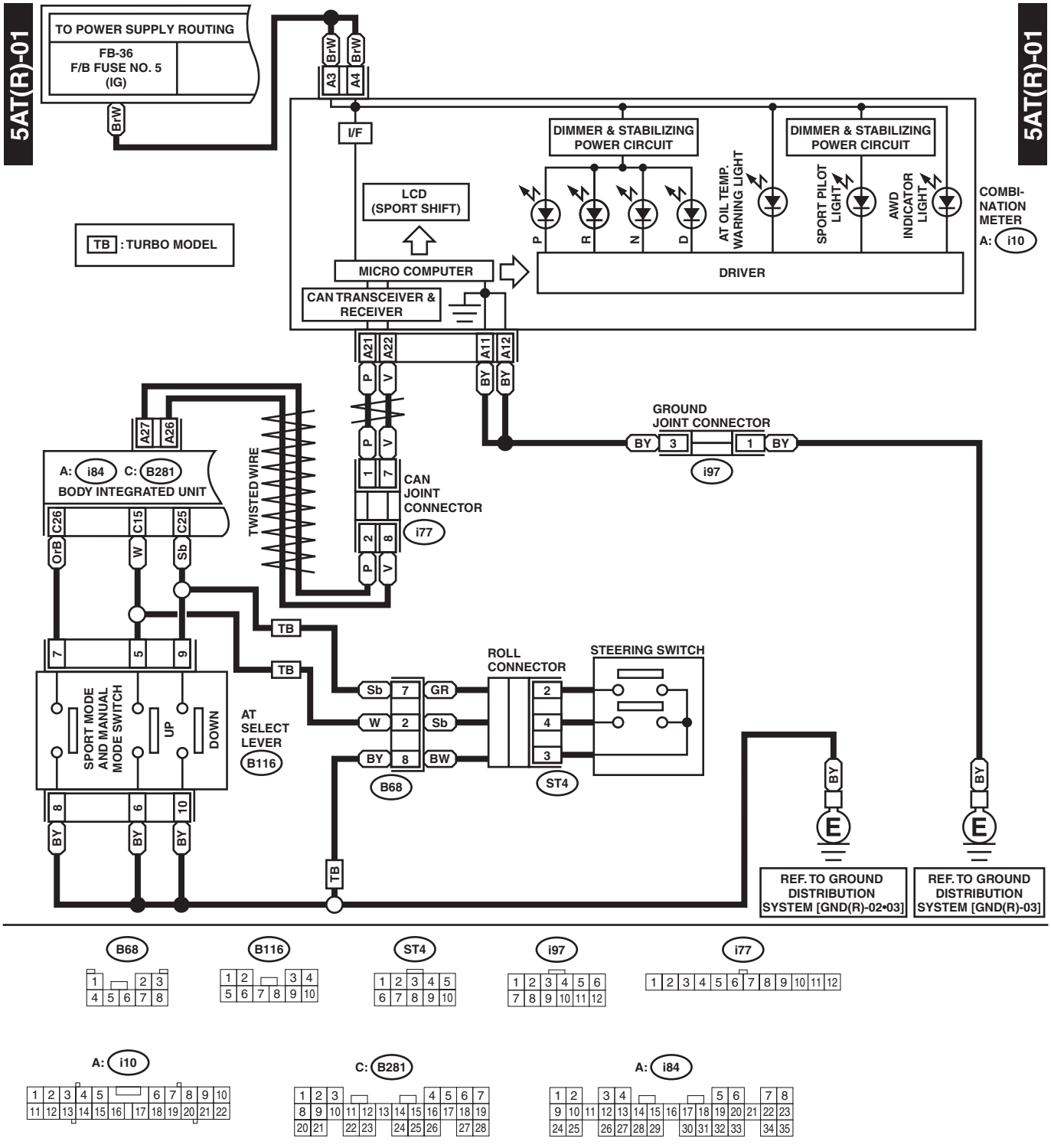
5. RHD 5AT MODEL



WI-03981

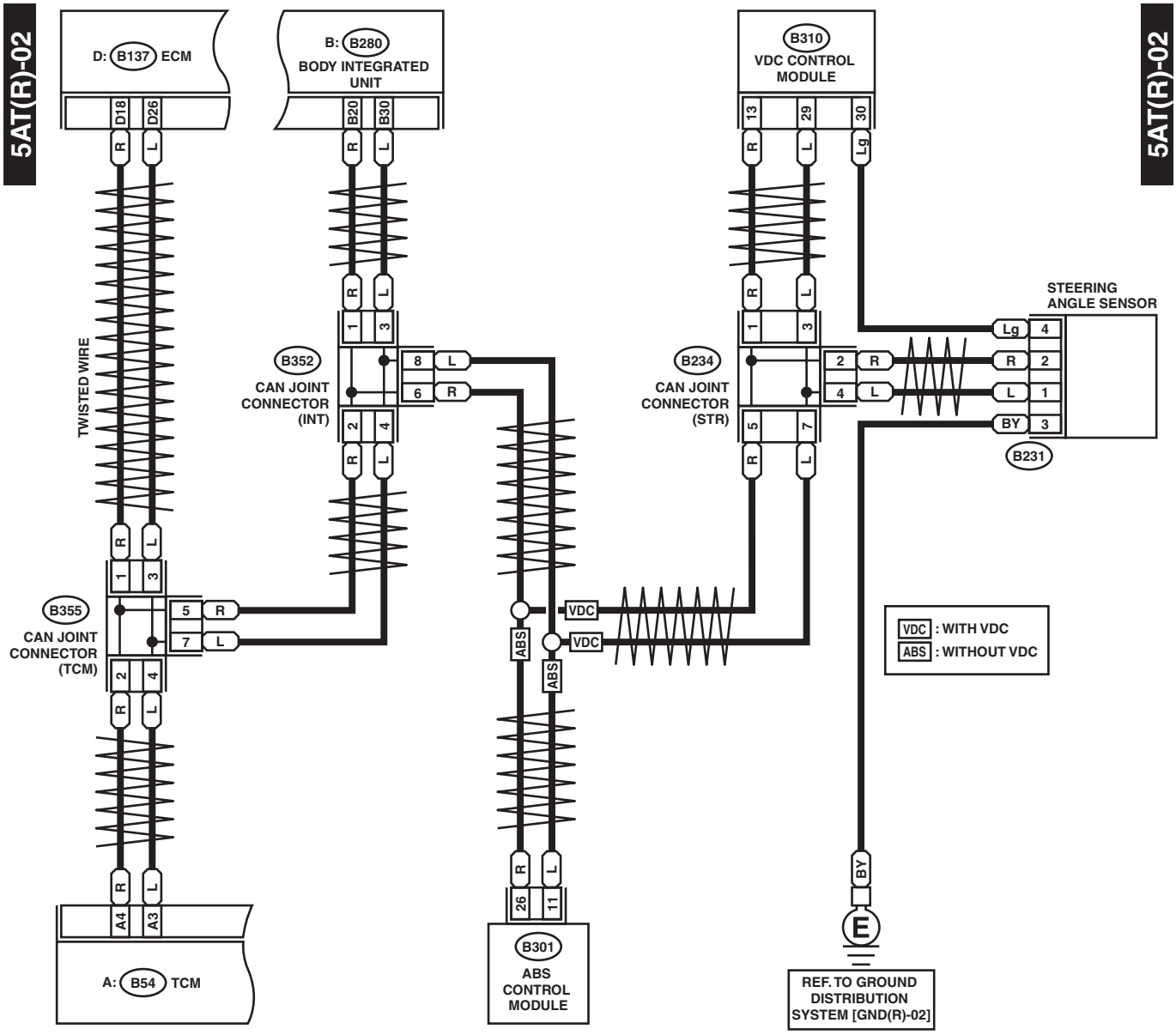

B5
ABS
B6
ABS
VDC : WITH VDC
ABS : WITHOUT VDC
AT G SENOR (WITHOUT VDC)
B22
B24
A9
A18
A17
A15
A11
A24
A23
A22
B23
B12
A2
A6
A12
A21
B8
B7
B17
A13
A16
B20
B13
B14
B3
B4
B18
B16
A5
A14
A19
B21
TCM
ABS
CONTROL VALVE ASSY
VEHICLE SPEED SENSOR 1
TORQUE CONVERTER TURBINE SPEED SENSOR 1
E

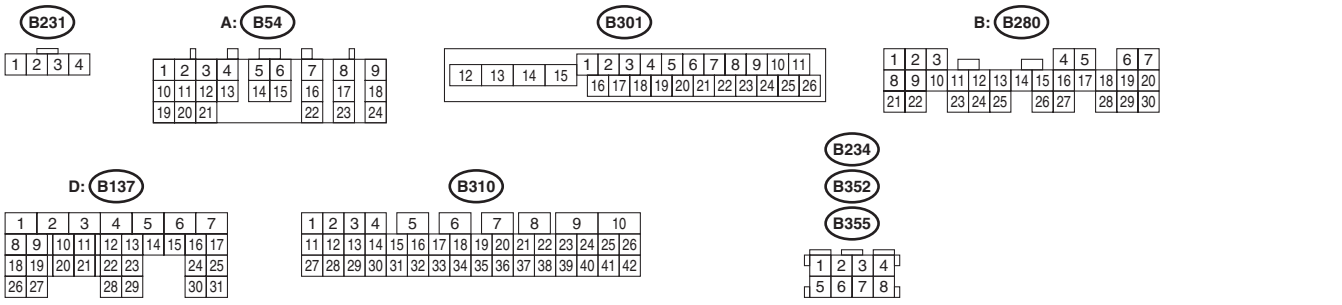
WI-03982


5AT(R)-01
TO POWER SUPPLY ROUTING
FB-36
F/B FUSE NO. 5
(IG)
BrW
A3
A4
I/F
DIMMER & STABILIZING POWER CIRCUIT
DIMMER & STABILIZING POWER CIRCUIT
LCD (SPORT SHIFT)
TB : TURBO MODEL
MICRO COMPUTER
CAN TRANSCEIVER & RECEIVER
DRIVER
P
R
N
D
AT OIL TEMP. WARNING LIGHT
SPORT PILOT LIGHT
AWD INDICATOR LIGHT
COMBI-NATION METER
A: i10
A21
A22
A11
A12
BY
V
GROUND JOINT CONNECTOR
BY 3
1 BY
i97
A27
A26
A: i84 C: B281
BODY INTEGRATED UNIT
TWISTED WIRE
CAN JOINT CONNECTOR
i77
C26
C15
C25
OrB
W
Sb
TB
SPORT MODE AND MANUAL MODE SWITCH
UP
DOWN
AT SELECT LEVER
B116
GR
B68
ROLL CONNECTOR
STEERING SWITCH
ST4
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-02•03]
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-03]
5AT(R)-01

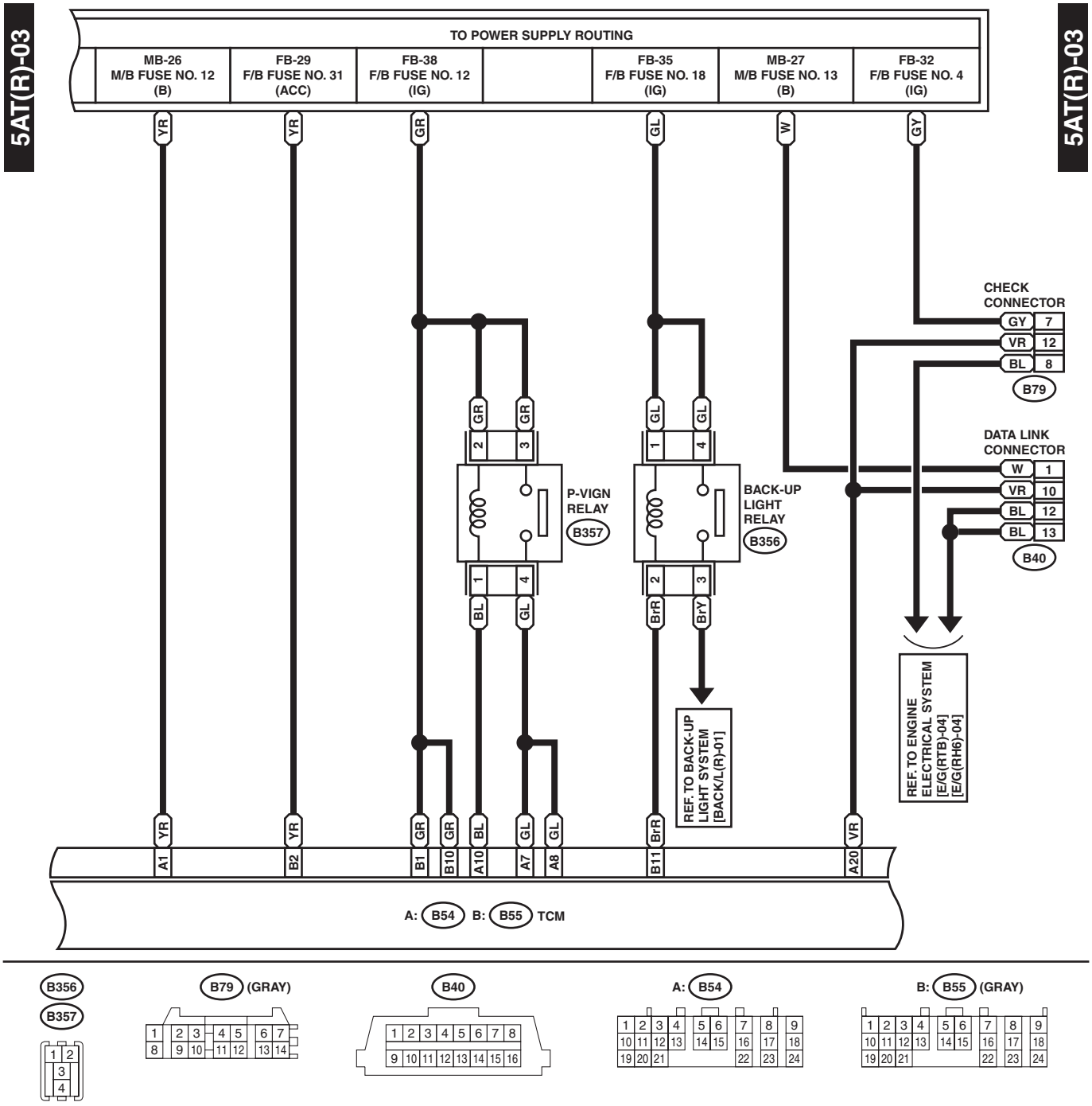
B68
B116
ST4
i97
i77
A: i10
C: B281
A: i84

WI-03983

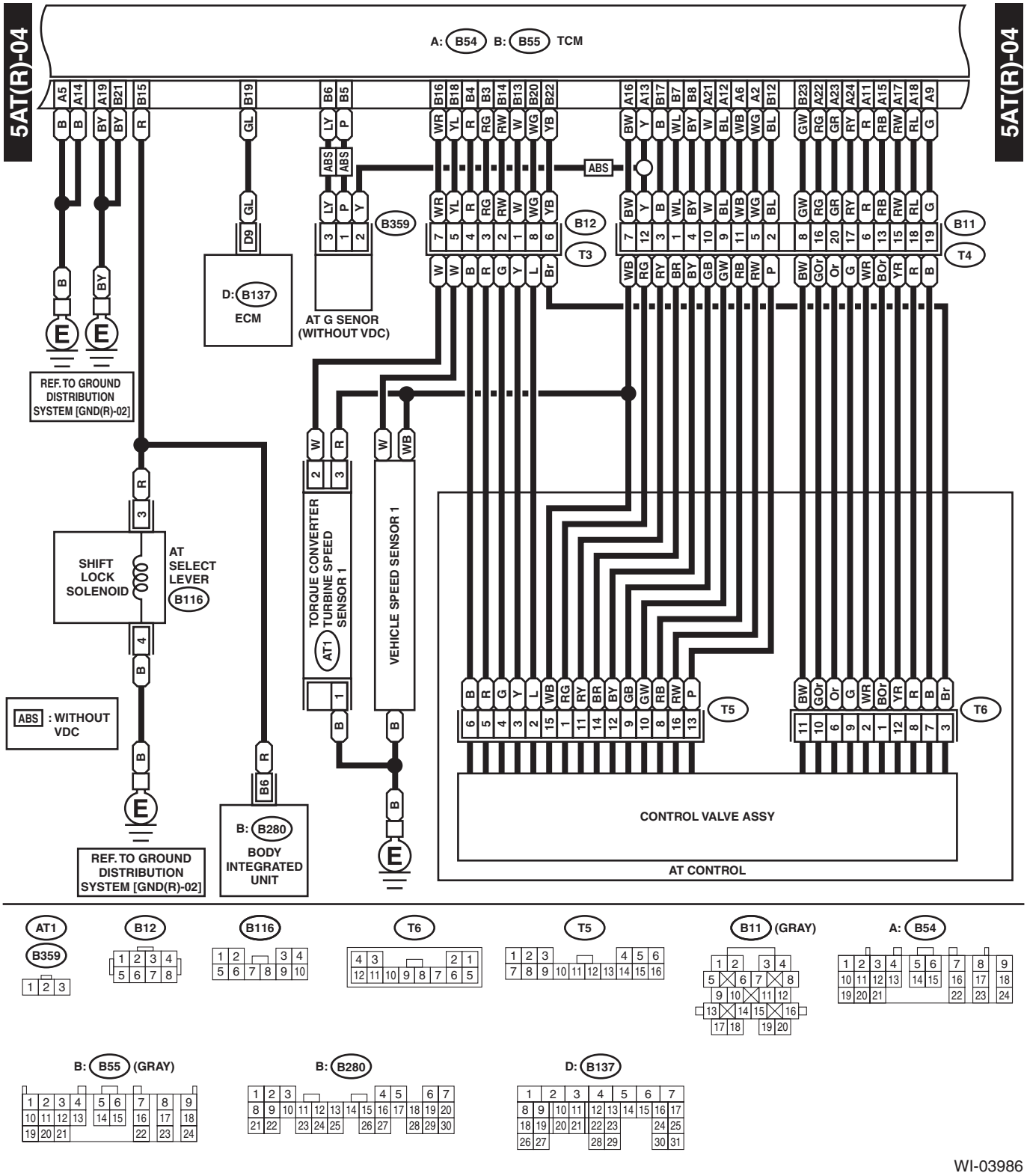

5AT(R)-02
5AT(R)-02
D: B137 ECM
B: B280 BODY INTEGRATED UNIT
B310 VDC CONTROL MODULE
STEERING ANGLE SENSOR
TWISTED WIRE
B352 CAN JOINT CONNECTOR (INT)
B234 CAN JOINT CONNECTOR (STR)
B355 CAN JOINT CONNECTOR (TCM)
B231
A: B54 TCM
B301 ABS CONTROL MODULE
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-02]
VDC : WITH VDC
ABS : WITHOUT VDC


B231
A: B54
B301
B: B280
D: B137
B310
B234
B352
B355

WI-03984


5AT(R)-03
5AT(R)-03
TO POWER SUPPLY ROUTING
MB-26
M/B FUSE NO. 12
(B)
FB-29
F/B FUSE NO. 31
(ACC)
FB-38
F/B FUSE NO. 12
(IG)
FB-35
F/B FUSE NO. 18
(IG)
MB-27
M/B FUSE NO. 13
(B)
FB-32
F/B FUSE NO. 4
(IG)
YR
YR
GR
GL
W
GY
CHECK
CONNECTOR
GY 7
VR 12
BL 8
B79
DATA LINK
CONNECTOR
W 1
VR 10
BL 12
BL 13
B40
P-VIGN
RELAY
B357
BACK-UP
LIGHT
RELAY
B356
REF. TO BACK-UP
LIGHT SYSTEM
[BACK/L(R)-01]
REF. TO ENGINE
ELECTRICAL SYSTEM
[E/G(RTB)-04]
[E/G(RH6)-04]
A1
B2
B1
B10
A10
A7
A8
B11
A20
A: B54 B: B55 TCM
B356
B357
B79 (GRAY)
B40
A: B54
B: B55 (GRAY)

WI-03985


5AT(R)-04
5AT(R)-04
A: B54 B: B55 TCM
A5 A14 A19 A21 B15 B19 B6 B5 B16 B18 B4 B3 B14 B13 B20 B22 A16 A13 B17 B7 B8 A21 A12 A6 A2 B12 B23 A22 A23 A24 A11 A15 A17 A18 A9
B BY GL LY P WR YL R RG RW W WG YB BW Y B WL BY W BL WB WG GW RG GR RY RB RW RL G
ABS
B359
B12
T3
B11
T4
D9
D: B137
ECM
AT G SENOR (WITHOUT VDC)
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-02]
W R WB
TORQUE CONVERTER TURBINE SPEED SENSOR 1
AT1
VEHICLE SPEED SENSOR 1
SHIFT LOCK SOLENOID
AT SELECT LEVER
B116
ABS : WITHOUT VDC
B6
B: B280
BODY INTEGRATED UNIT
REF. TO GROUND DISTRIBUTION SYSTEM [GND(R)-02]
B R G Y L WB RG RY BR BY GB GW RB RW P
T5
BW GOr Or G WR BOr YR R B Br
T6
CONTROL VALVE ASSY
AT CONTROL
AT1
B359
B12
B116
T6
T5
B11 (GRAY)
A: B54
B: B55 (GRAY)
B: B280
D: B137

WI-03986