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.

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WIRING SYSTEM

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1. Basic Diagnostic Procedure

A: BASIC PROCEDURES

1. GENERAL DESCRIPTION

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

2. IDENTIFICATION OF TROUBLE SYMPTOM

Determine what the problem is based on the symptom.

3. PROBABLE CAUSE OF TROUBLE

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

4. LOCATION AND REPAIR OF TROUBLE

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

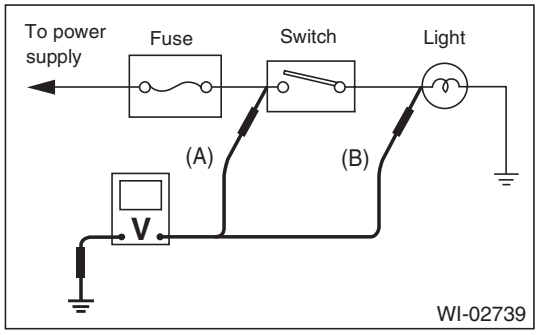
5. SYSTEM OPERATION CHECK

After repairing, ensure that the system operates properly.

B: BASIC INSPECTION

1. VOLTAGE MEASUREMENT

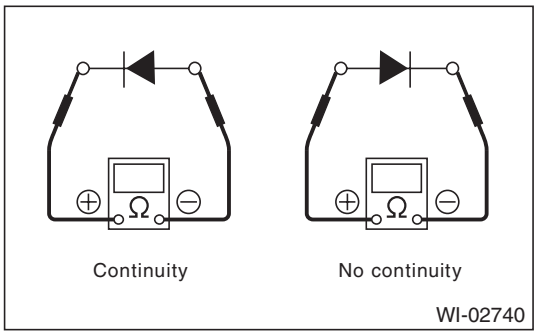
1) Using a voltmeter, connect the negative lead to a good ground point or negative battery terminal and the positive lead to the connector or component terminal.
2) Contact the positive lead of the voltmeter on connector (A). The voltmeter will indicate a voltage.
3) Shift the positive lead to connector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



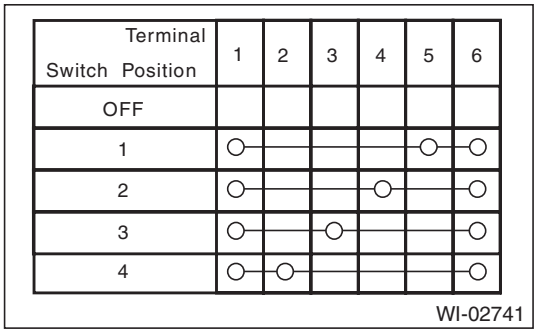
4) With the test set-up held as it is, turn the switch to ON. The voltmeter will indicate a voltage and, at the same time, the light will illuminate.
5) The circuit is in good order. If a problem such as a light failing to illuminate occurs, use the procedures outlined above to track down the malfunction.

2. CIRCUIT CONTINUITY CHECKS

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



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



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

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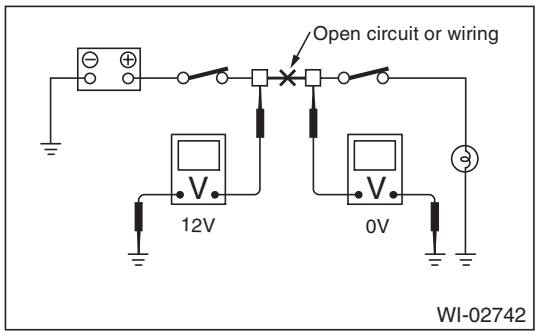
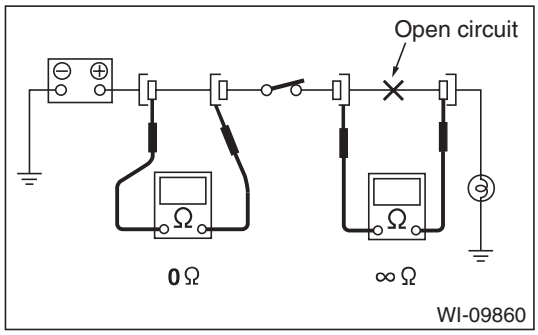
3. HOW TO DETERMINE AN OPEN CIRCUIT

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.

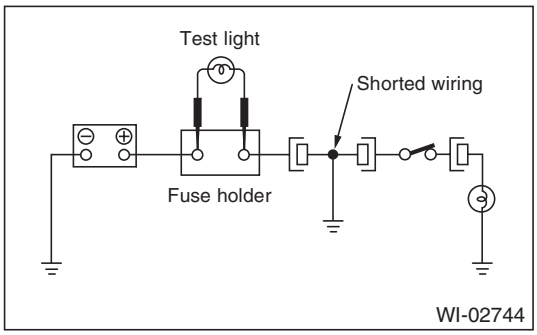


2) WITH OHMMETER:
Disconnect all connectors affected, and check continuity in the wiring between adjacent connectors. When the ohmmeter indicates “infinite”, the wiring is open.

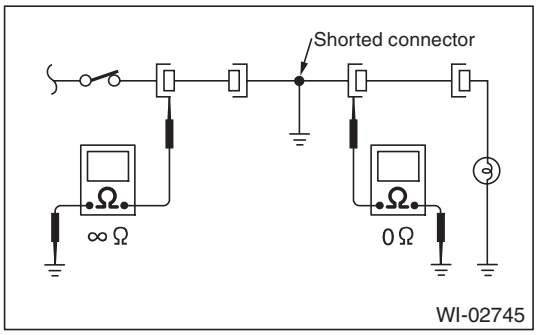


4. HOW TO DETERMINE A SHORT CIRCUIT

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.



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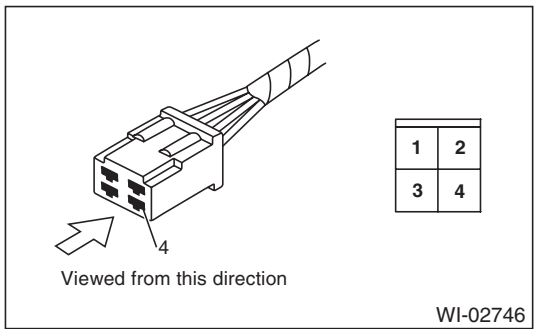
C: HOW TO READ WIRING DIAGRAMS

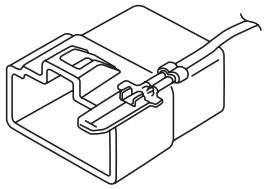
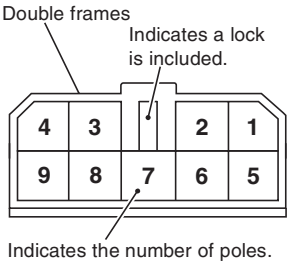
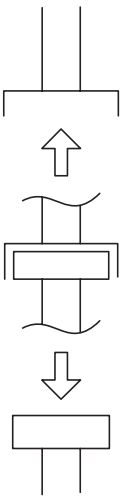
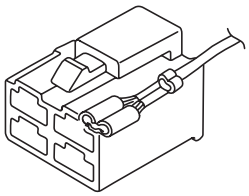
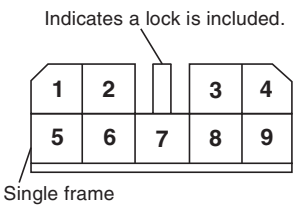
1. WIRING DIAGRAM

The wiring diagram of each system is illustrated so that you can understand the path through which the electric current flows from the battery.
Sketches and codes are used in the diagrams. They should read as follows:

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



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

Connector used in vehicle	Connector shown in wiring diagram		
	Sketch	Symbol	Number of poles
			Numbered in order from upper right to lower left.
			Numbered in order from upper left to lower right.

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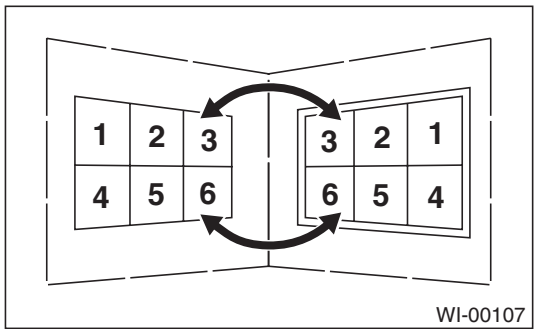
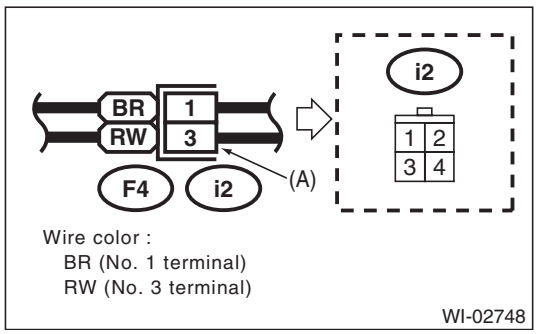
• When one set of connectors is viewed from the front side, the pole numbers of one connector are symmetrical to those of the other. When these two connectors are connected as a unit, the poles which have the same number are joined.

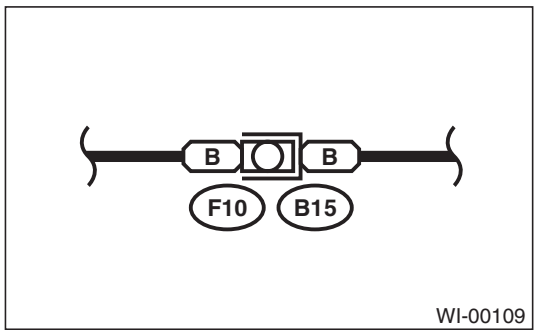


• WIRING DIAGRAM:
The connectors are numbered along with the number of poles, external colors, and mating connections in the accompanying list.
• The sketch of each connector in the wiring diagram usually shows the (A) side of the connector. The relationship between the wire color, terminal number and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

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

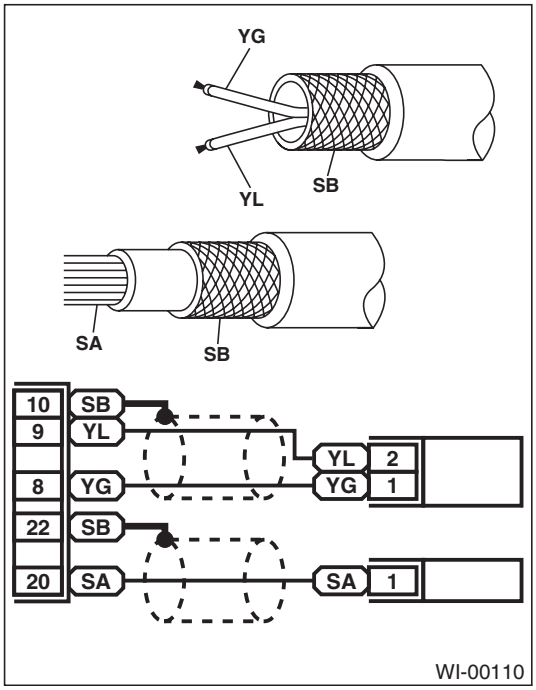


• In the wiring diagram, connectors which have no terminal number refer to one-pole types. Sketches of these connectors are omitted intentionally.



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

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



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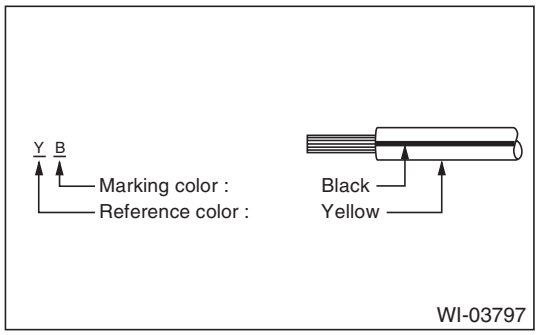
• The wire color code, which consists of two letters (or three letters including Br or Lg), indicates the standard color (base color of the wire covering) by its first letter and the stripe marking by its second letter.



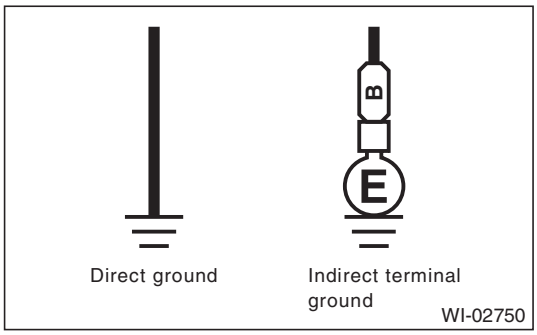
• The table lists the nominal sectional areas and allowable currents of the wires.

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

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

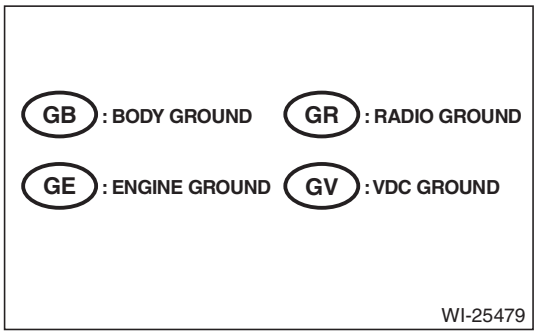
Nominal sectional area mm^2	No. of strands/ strand diameter	Outside diameter of wiring mm	Allowable current Amps/ 40°C (104°F)
0.3	7/0.26	1.8	7
0.5	7/0.32	2.2 (or 2.0)	12
0.75	30/0.18	2.6 (or 2.4)	16
0.85	11/0.32	2.4 (or 2.2)	16
1.25	16/0.32	2.7 (or 2.5)	21
2	26/0.32	3.1 (or 2.9)	28
3	41/0.32	3.8 (or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

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



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

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



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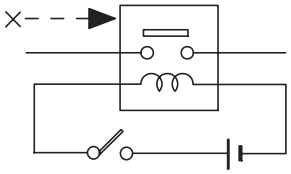
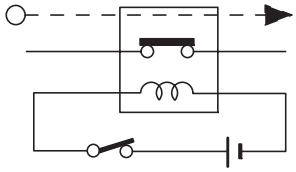
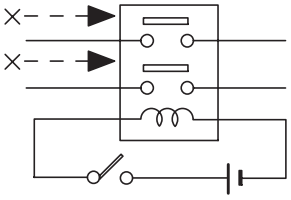
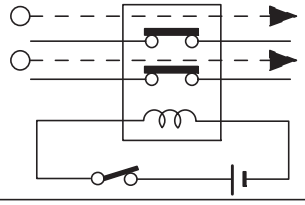
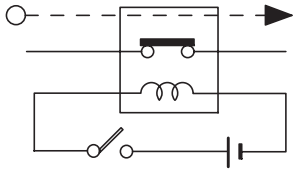
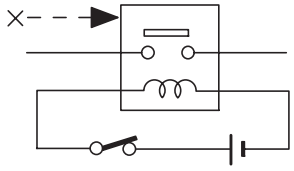
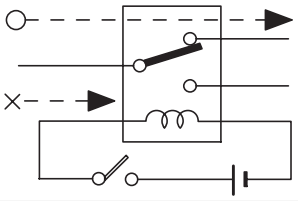
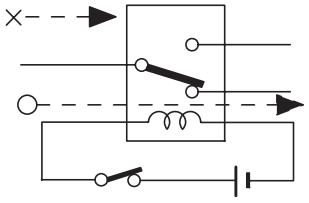
- Relays are classified as normally-open or normally-closed.

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

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.

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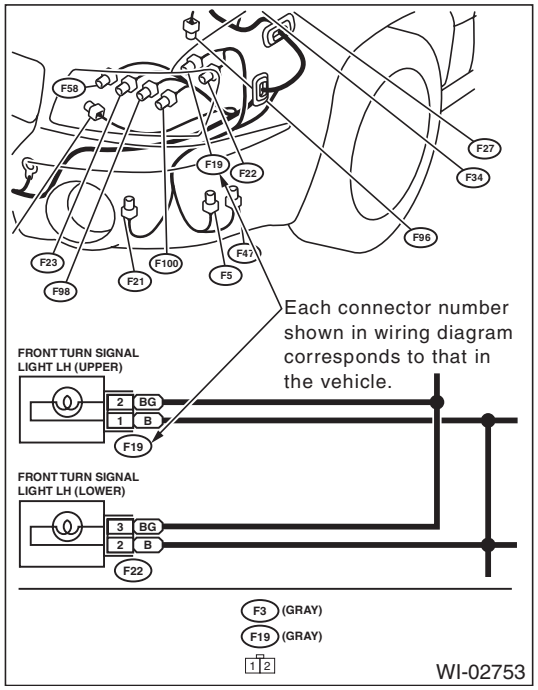
• Each connector number shown in the wiring diagram corresponds to that in the wiring harness. The location of each connector in the actual vehicle is determined by reading the first character of the connector (for example, a “F” for F8, “i” for i16, etc.) and the type of wiring harness. The first character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

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



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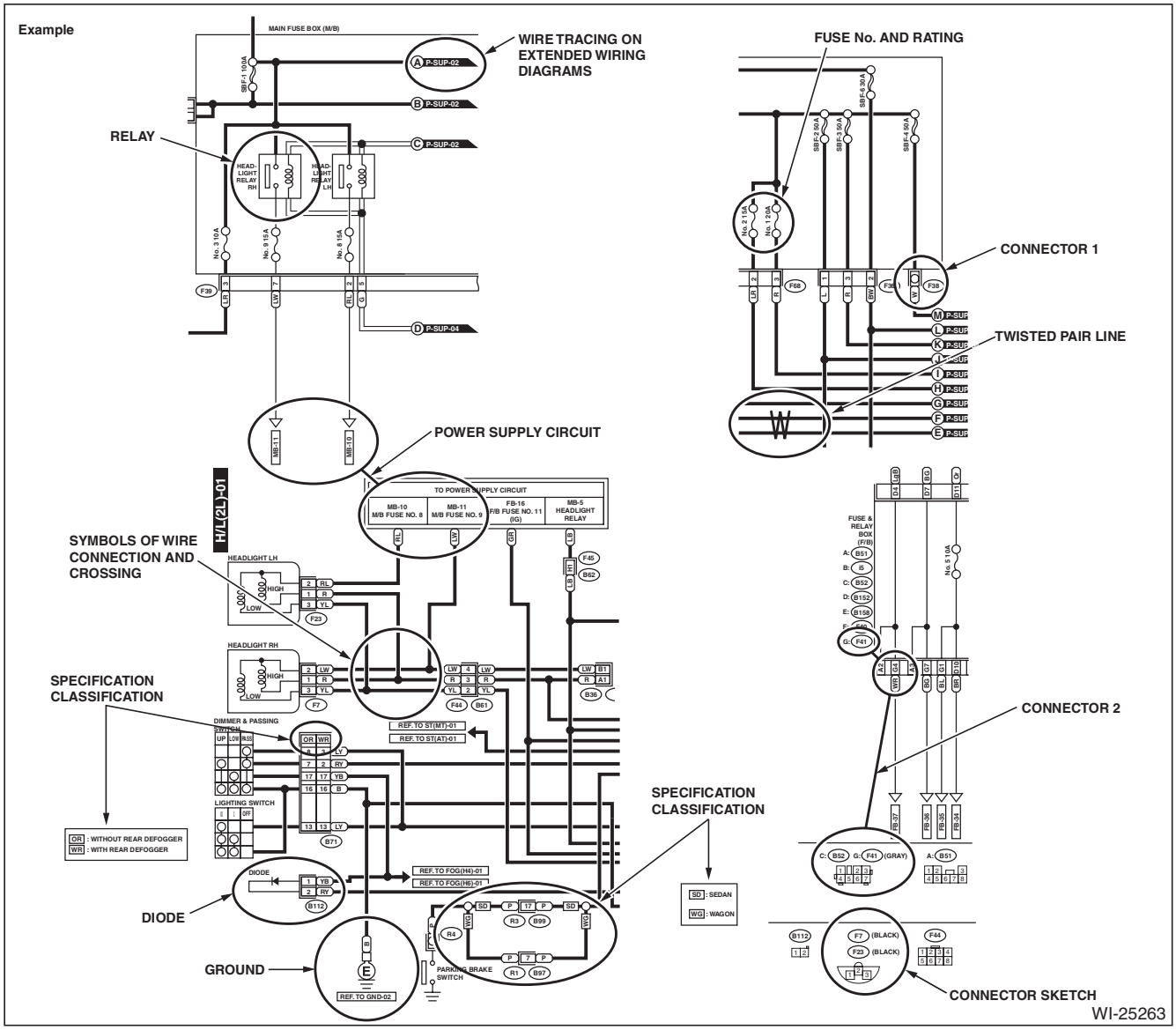
D: SYMBOLS IN WIRING DIAGRAMS

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



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1. RELAY
A symbol used to indicate a relay.

2. CONNECTOR 1
The sketch of the connector indicates the one-pole types.

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

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

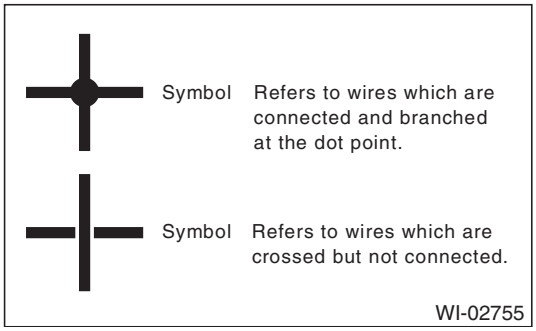
5. CONNECTOR 2
- Each connector is indicated by a symbol.
- Each terminal number is indicated in the corresponding wiring diagram in an abbreviated form.
- For example, terminal number “G4” refers to No. 4 terminal of connector (G: F41) shown in the connector sketch.

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

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

8. DIODE
A symbol is used to indicate a diode.

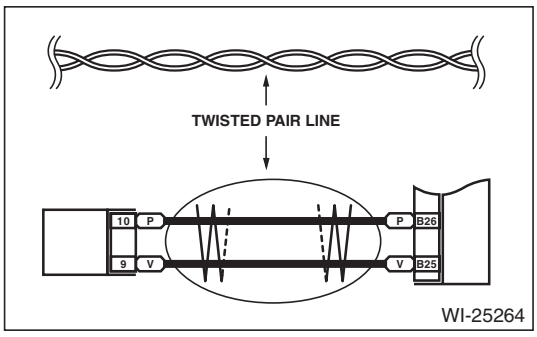
9. WIRE TRACING ON EXTENDED WIRING DIAGRAMS
For a wiring diagram extending over at least two pages, a symbol (consisting of the same characters with arrows), facilitates wire tracing from one page to the next.
A ←→ A, B ←→ B

10.SYMBOLS OF WIRE CONNECTION AND CROSSING


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

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

13.TWISTED PAIR LINE
Twisted pair lines are indicated in the following manner in the wiring diagrams.



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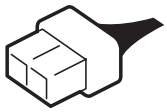
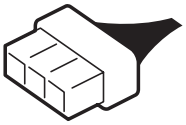
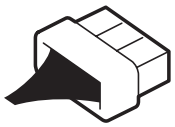
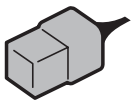
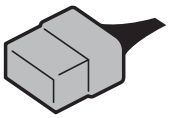
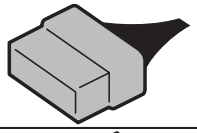
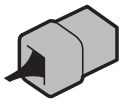
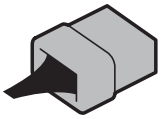
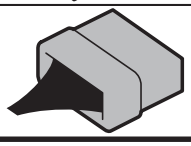
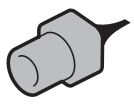
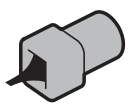
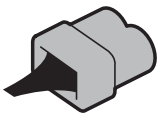
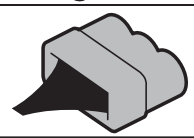
E: CONNECTOR SYMBOL IN WIRING HARNESS

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

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

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

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F: ABBREVIATION IN WIRING DIAGRAMS

Abbr.	Full name
A/B	Airbag
A/C	Air Conditioner
A/F	Air/Fuel (Air fuel ratio sensor)
ABS	Anti-lock Brake System
ACC	Accessory
ALT	Generator
ASSY	Assembly
AT	Automatic Transmission
ATF	Automatic Transmission Fluid
AWD	All Wheel Drive
B, BAT	Battery
CAN	Communication Area Network
CM	Control module
CVT	Continuously Variable Transmission
D	Drive Range
DN	Down
E	Ground
ECO	Economy
ECM	Engine Control Module
EEPROM	Electrically Erasable Programmable Read-Only Memory
EGR	Exhaust Gas Recirculation
EPB	Electronic Parking Brake
F/B	Fuse & Relay Box
FL	Front Left
FR	Front Right
G	Gravity (G sensor)
H/L	Headlight
HI	High
I/F	Interface
IG	Ignition
ILLUMI	Illumination
INT	Intermittent
J/C	Joint connector
LCD	Liquid Crystal Display
L, LH	Left Hand
LO	Low
M	Motor
M/B	Main Fuse Box
MIST	Wiper for mist (one touch)
MT	Manual Transmission
N	Neutral Range
NA	Natural Aspiration
OP	Optional Parts or Open
P	Parking Range
PASS	Passing
R	Reverse Range
R, RH	Right Hand

Abbr.	Full name
RL	Rear Left
RR	Rear Right
SBF	Slow Blow Fuse
ST	Starter
SW	Switch
TCM	Transmission Control Module
TPMS	Tire Pressure Monitor System
UP	Up
VDC	Vehicle Dynamics Control
VFD	Vacuum Fluorescent Display
WASH	Washer

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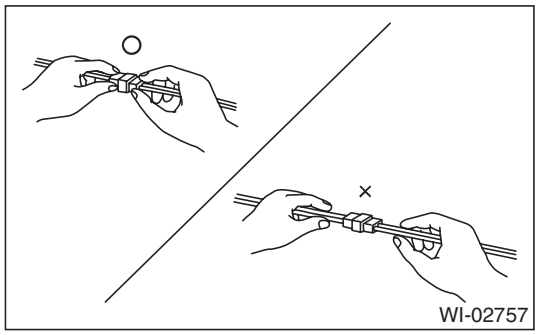
2. Working Precautions

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

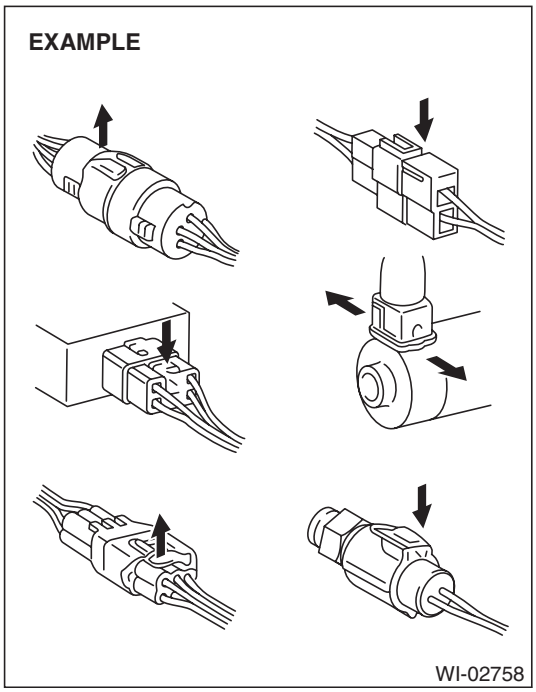
1) When working under a vehicle which is jacked-up, always be sure to use rigid rack.
2) The parking brake must always be applied during working. Also, in automatic transmission vehicles, keep the select lever set to the P (Parking) range.
3) Be sure the workshop is properly ventilated when running the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

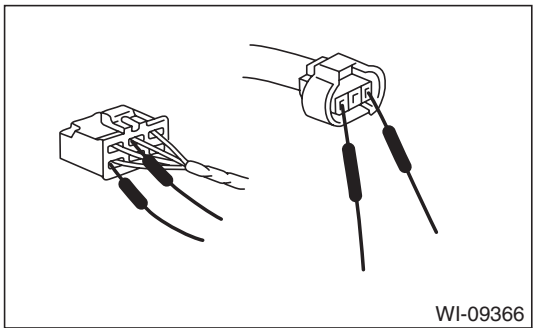
1) The battery cable must be disconnected from the battery's (–) terminal, and the ignition switch must be set to the OFF position, unless otherwise required by the diagnostics.
2) Securely fasten the wiring harness with clamps and clips so that the harness does not interfere with the body end parts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



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



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

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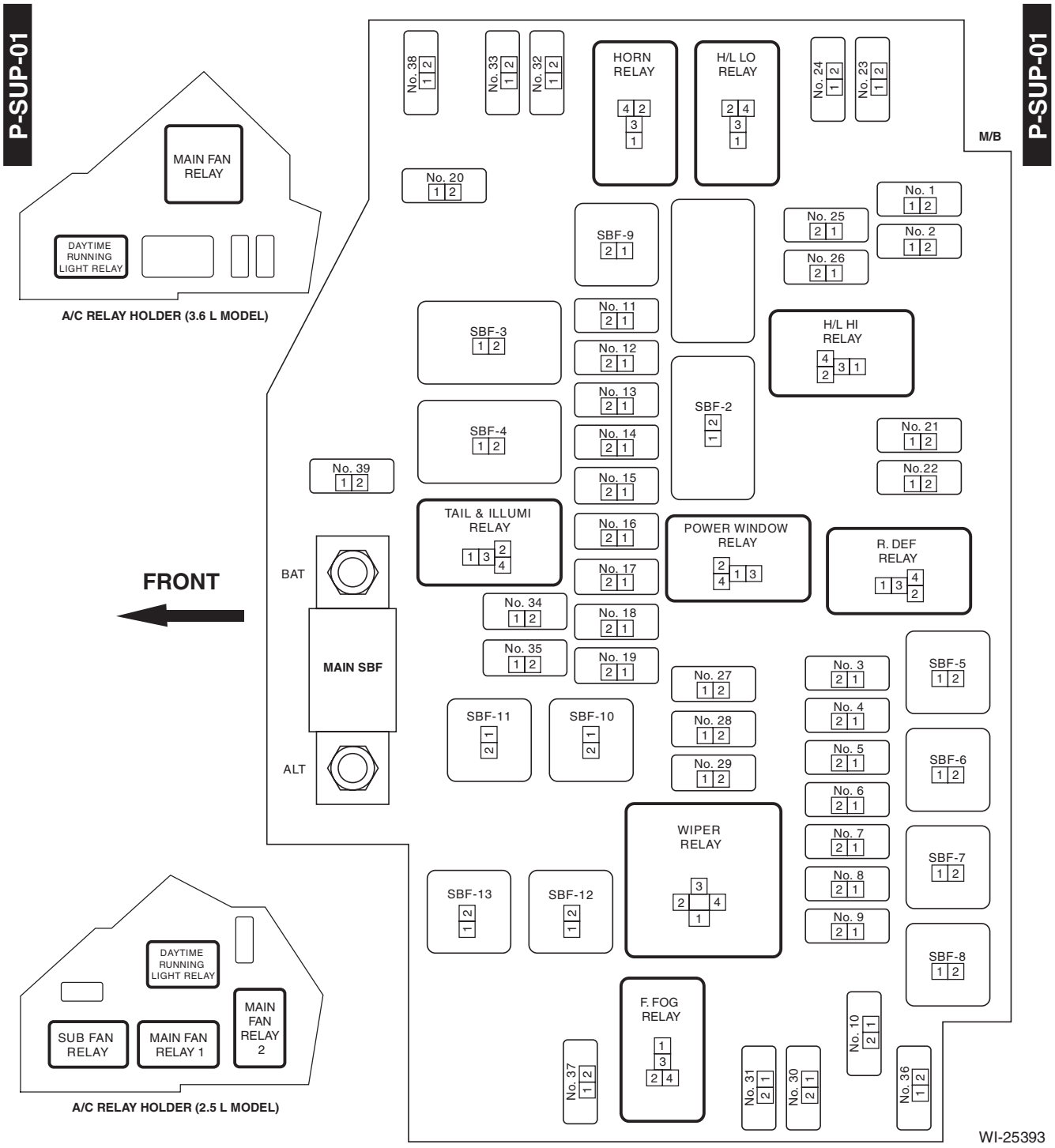
3. Power Supply Circuit

A: WIRING DIAGRAM

- **Engine room side**



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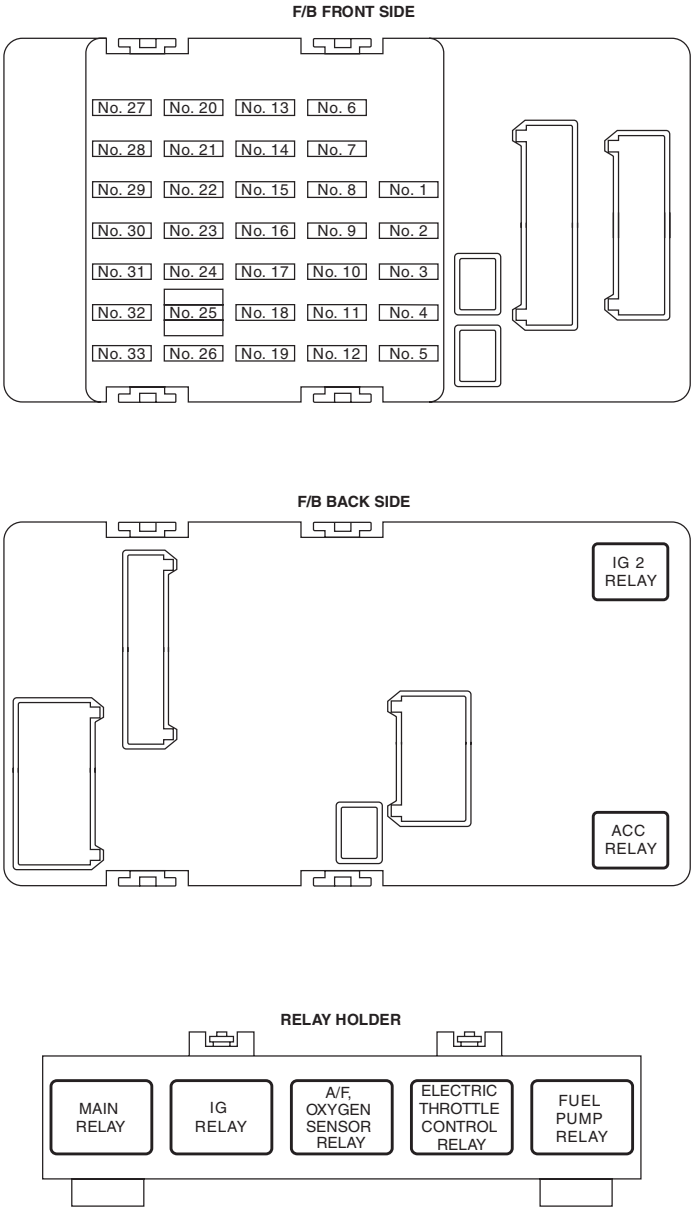
- **Passenger room side**

P-SUP-02

P-SUP-02



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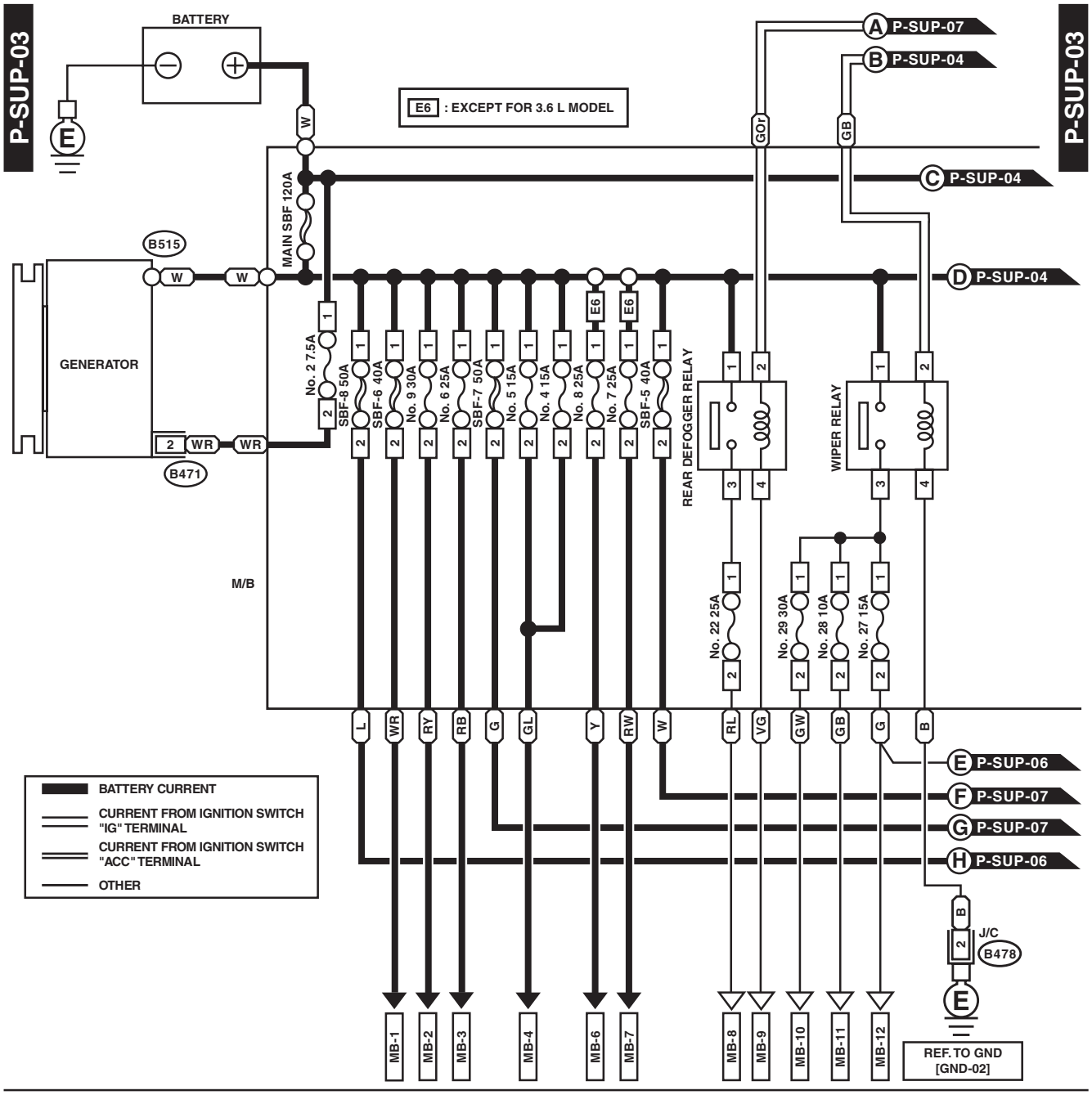
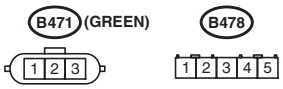
Power Supply Circuit





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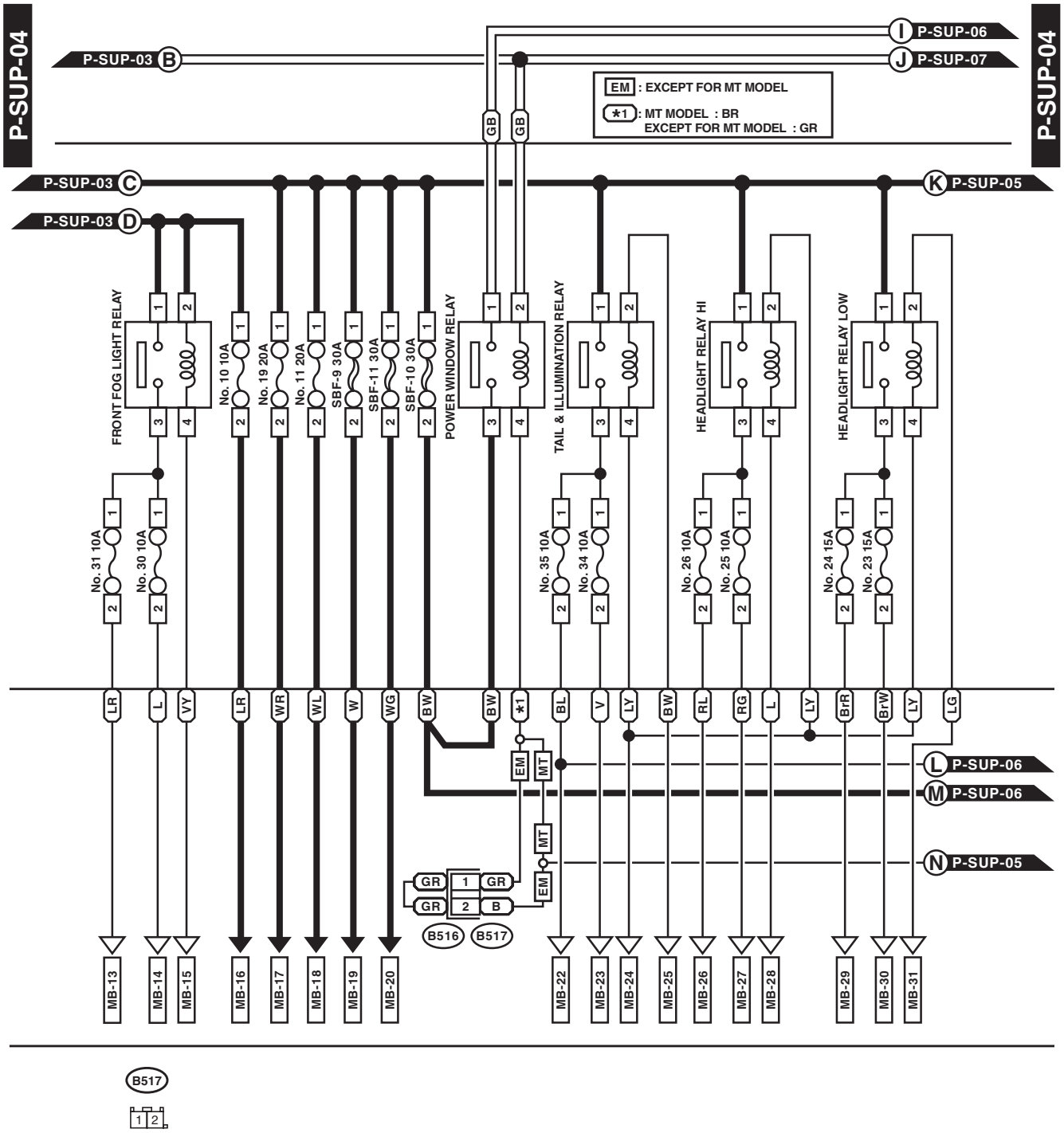
Power Supply Circuit



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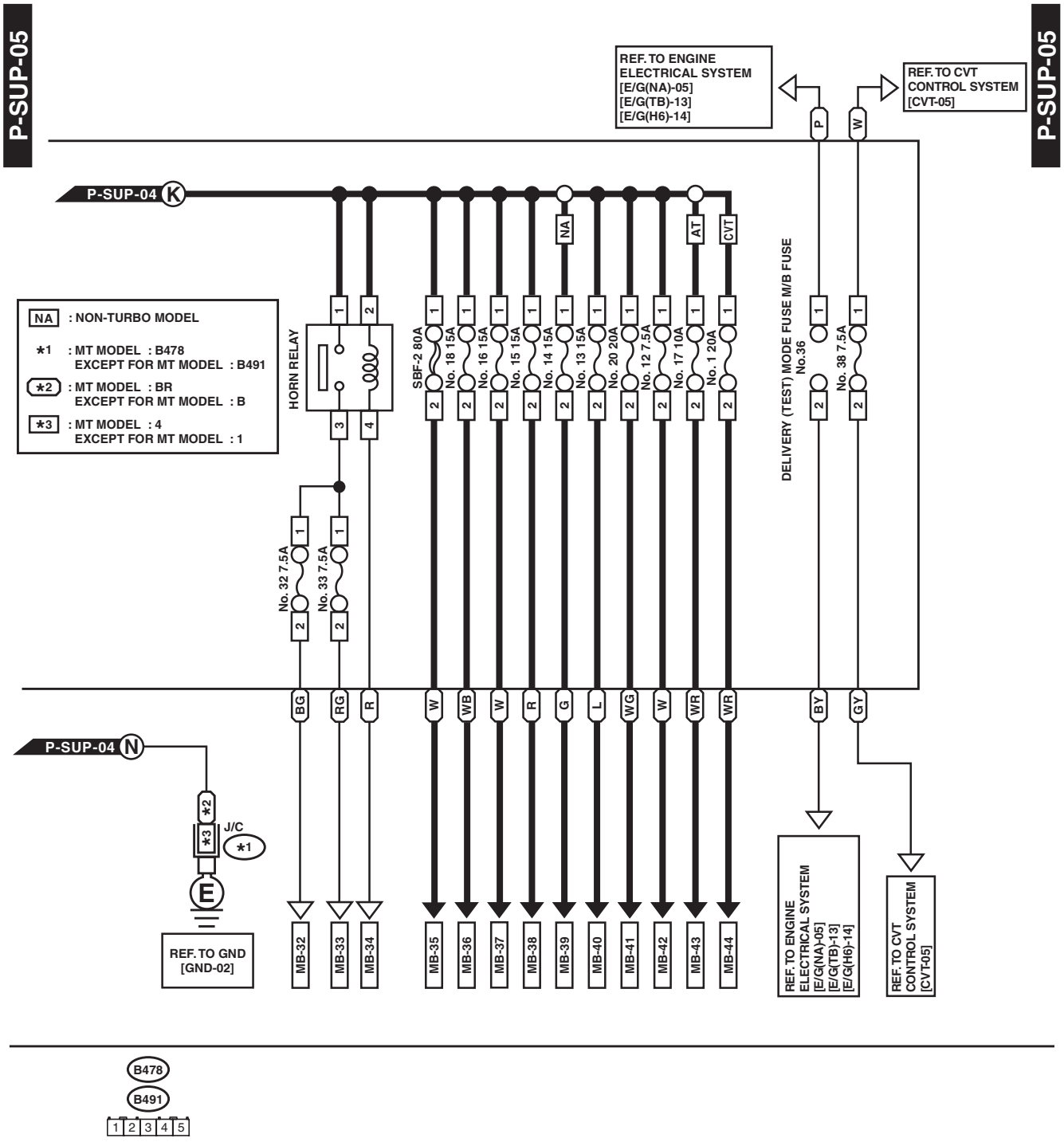
Power Supply Circuit



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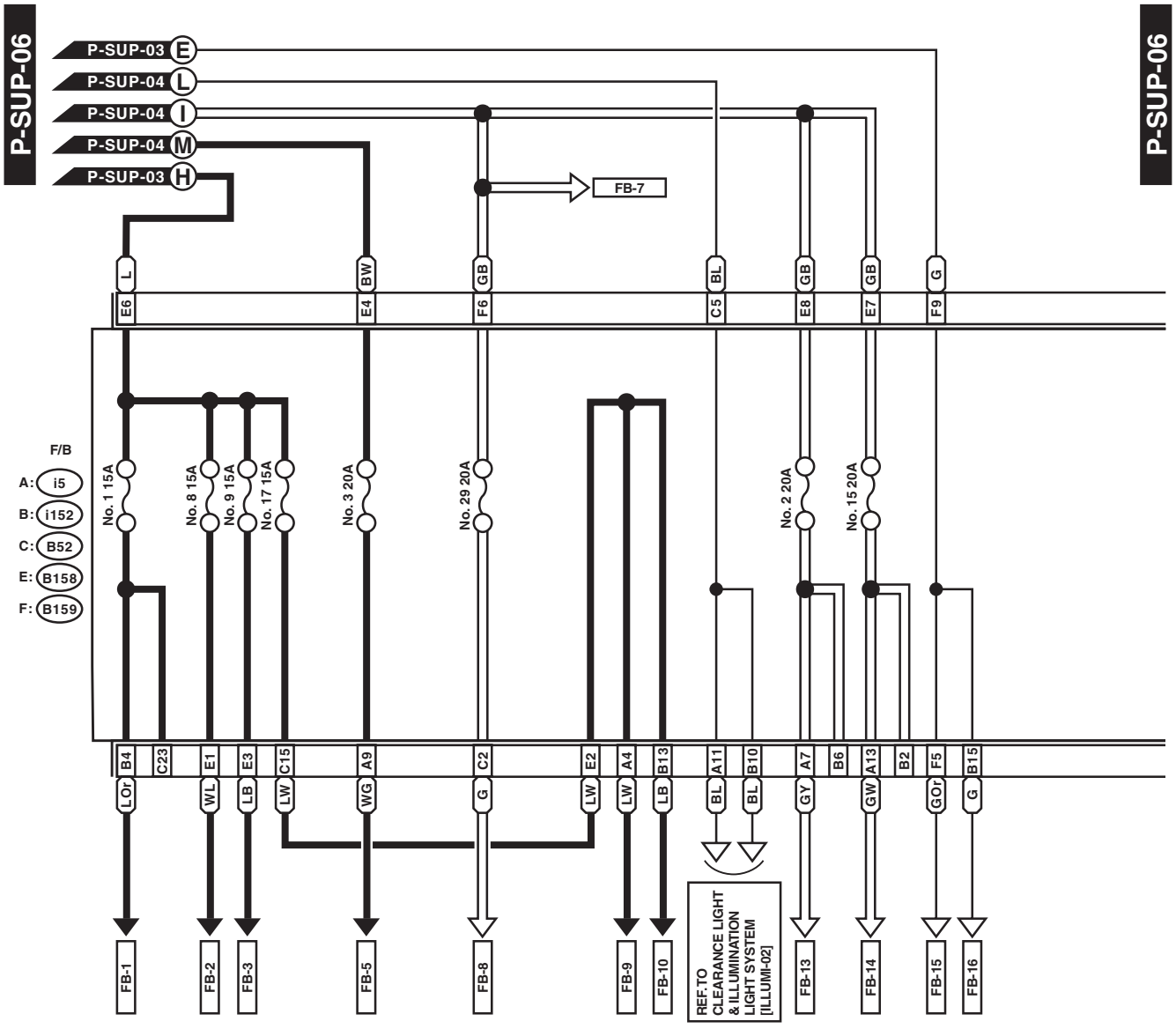
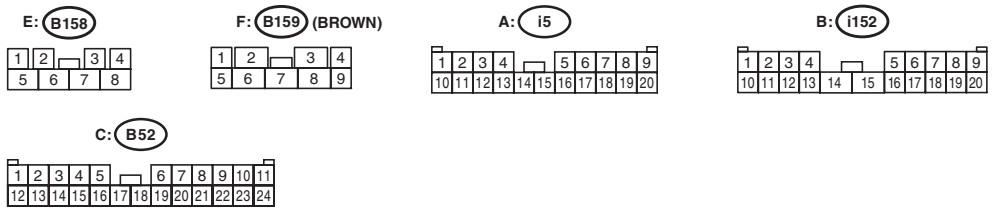
Power Supply Circuit





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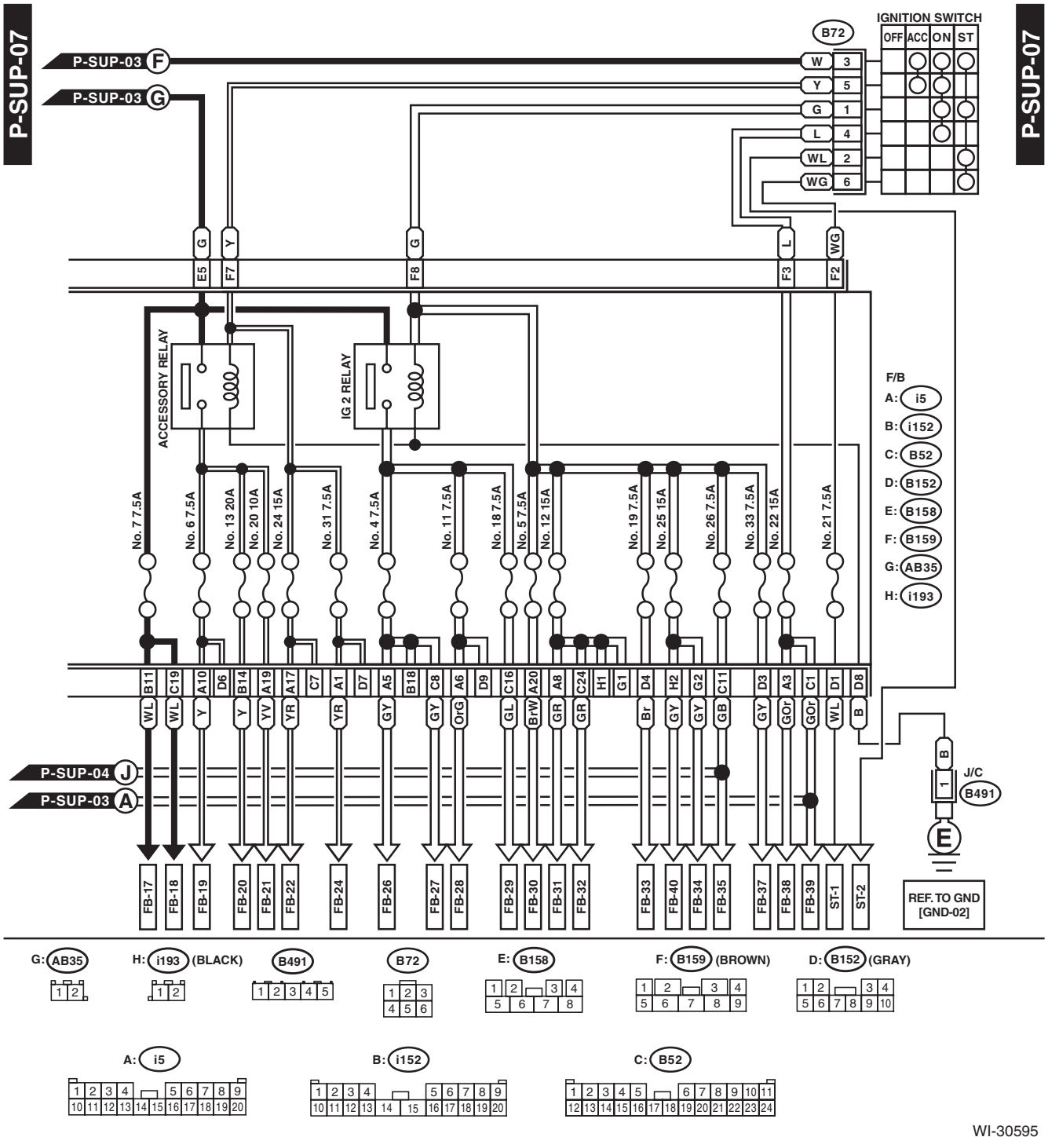
Power Supply Circuit



WI-30595

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No.	Load
MB-1	VDC CM
MB-2	VDC CM
MB-3	Audio connector
	Audio
	Navigation unit
	Audio amplifier (McIntosh)
MB-4	Blower motor relay
MB-6	Main fan relay 1
MB-7	Sub fan relay
MB-8	Mirror heater relay
	Rear defogger
MB-9	Body integrated unit
MB-10	Front wiper motor
	Combination switch (wiper)
MB-11	Front washer motor
MB-12	Rear washer motor
MB-13	Front fog light RH
MB-14	Front fog light LH
MB-15	Body integrated unit
MB-16	Body integrated unit
	Clock
	Audio connector
	Audio
	Navigation unit
	Luggage room light
	Door step light LH
	Door step light RH
	Trunk room light
	Spot map light
	Room light
	Vanity mirror light LH
	Vanity mirror light RH
	TPMS & keyless entry CM
	Keyless entry CM
	Puddle light LH
	Puddle light RH
	Rearview mirror (with rearview display)
MB-17	Body integrated unit
MB-18	Sunroof motor assembly
MB-19	EPB CM
MB-20	Power seat LH
	Power seat RH
MB-22	Front combination light LH (clearance light)
	Front combination light RH (clearance light)
	F/B

No.	Load
MB-23	Satellite switch illumination
	AT select lever illumination
	Illumination control switch
	Remote control mirror switch
	Lower cover switch
	Glove box light
	Hill hold switch
	Audio
	Navigation unit
	Seat heater switch (power seat)
	Shower light
	A/C control panel
	EPB control switch
MB-24	Body integrated unit
	Daytime running light relay
MB-25	Body integrated unit
MB-26	Front combination light RH (headlight)
MB-27	Front combination light LH (headlight)
MB-28	Body integrated unit
MB-29	Front combination light RH (headlight)
MB-30	Front combination light LH (headlight)
MB-31	Body integrated unit
MB-32	Horn
MB-33	Horn
MB-34	Body integrated unit
	Horn switch
MB-35	Main fan relay
MB-36	Body integrated unit
	Key warning switch
	Turn signal and hazard unit
MB-37	Main relay
MB-38	A/F, oxygen sensor relay
MB-39	IG relay
MB-40	Electronic throttle control relay
MB-41	Fuel pump relay
MB-42	ECM
	Data link connector
MB-43	TCM
MB-44	Self shut relay
	TCM
ST-1	Inhibitor relay
	Starter relay
ST-2	Starter relay
FB-1	Trailer connector
FB-2	Stop light and brake switch
	Stop light register
FB-3	Seat heater relay
FB-5	Power window main switch
FB-7	Power window circuit breaker
FB-8	Front power window sub-switch

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No.	Load
FB-9	Wiper deicer relay
FB-10	Mirror heater relay
FB-13	Rear power window sub-switch LH
FB-14	Rear power window sub-switch RH
FB-15	Body integrated unit
FB-16	Rear wiper motor
FB-17	Combination meter
	Body integrated unit
	Impact sensor
	EPB control switch
	A/C CM
FB-18	Security CM
FB-19	Remote control mirror switch
	Seat heater relay
	Rearview mirror (without rearview display)
FB-20	Rear accessory power supply socket
FB-21	Front accessory power supply socket
FB-22	Audio connector
	Audio
	Navigation unit
FB-24	Body integrated unit
	A/C control panel
	A/C CM
FB-26	Impact sensor
	Wiper deicer relay
	A/C control panel
	Navigation unit
	Rearview mirror (with rearview display)
	Sunroof motor assembly
	TPMS & keyless entry CM
FB-27	ECM
	Data link connector
	Stop light and brake switch
	Clutch switch
FB-28	Turn signal and hazard unit
FB-29	Inhibitor switch
	Back-up light switch
	Back-up light relay
FB-30	Combination meter
	Clock
FB-31	A/C CM
	Body integrated unit
	Light control sensor
FB-32	TCM
	ECM
	Fuel pump relay
	Ignition coil No. 1 (turbo model)
	Ignition coil No. 2 (turbo model)
	Ignition coil No. 3 (turbo model)
	Ignition coil No. 4 (turbo model)

No.	Load
FB-33	Hill hold switch
	EPB CM
FB-34	Airbag CM
FB-35	Main fan relay 1 (Except for 3.6 L model)
	Main fan relay 2 (Except for 3.6 L model)
	Main fan relay (3.6 L model)
FB-37	VDC CM
	Steering angle sensor
FB-38	Blower motor relay
	Intake door actuator
FB-39	Sub fan relay
FB-40	Occupant detection control module

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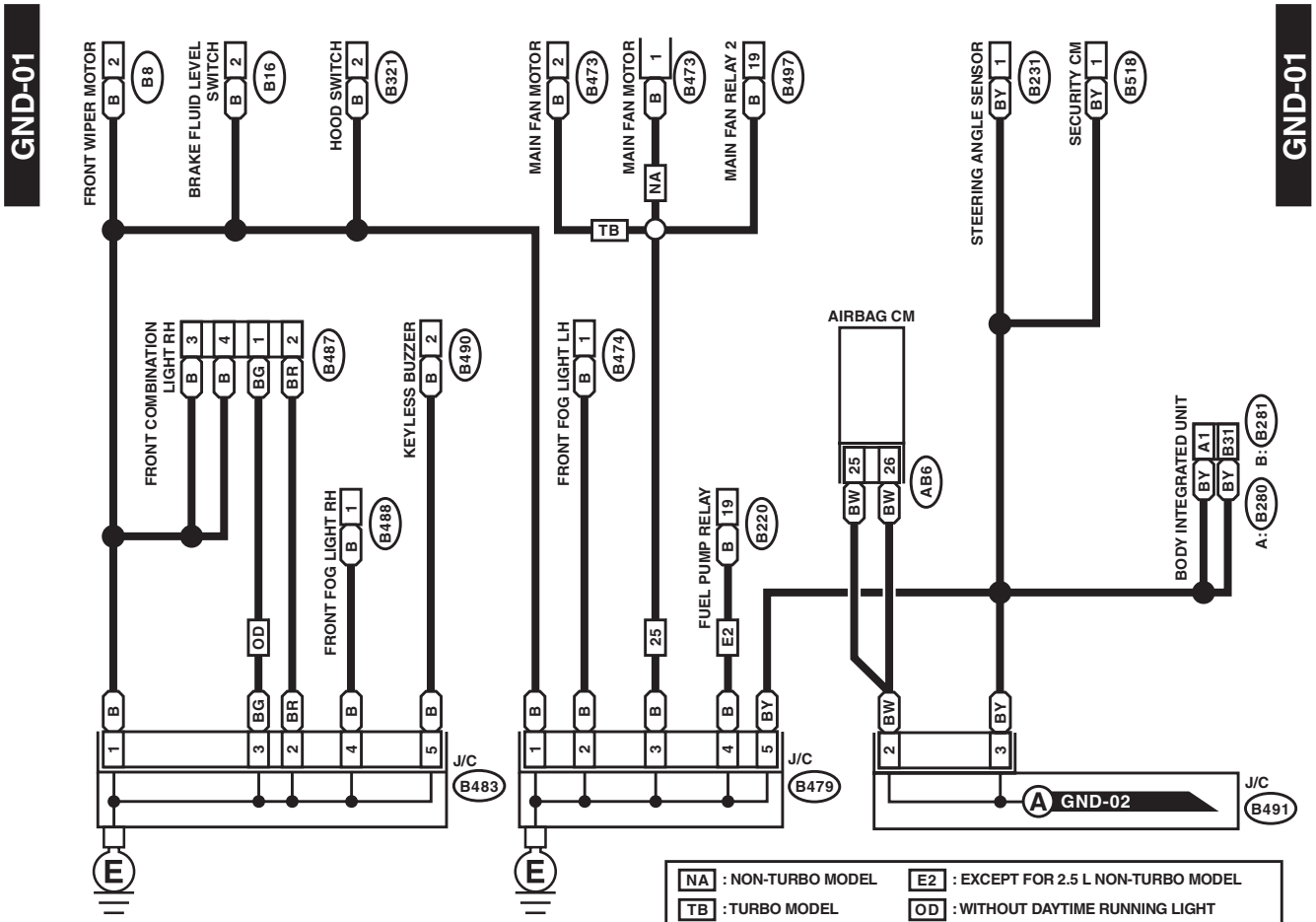
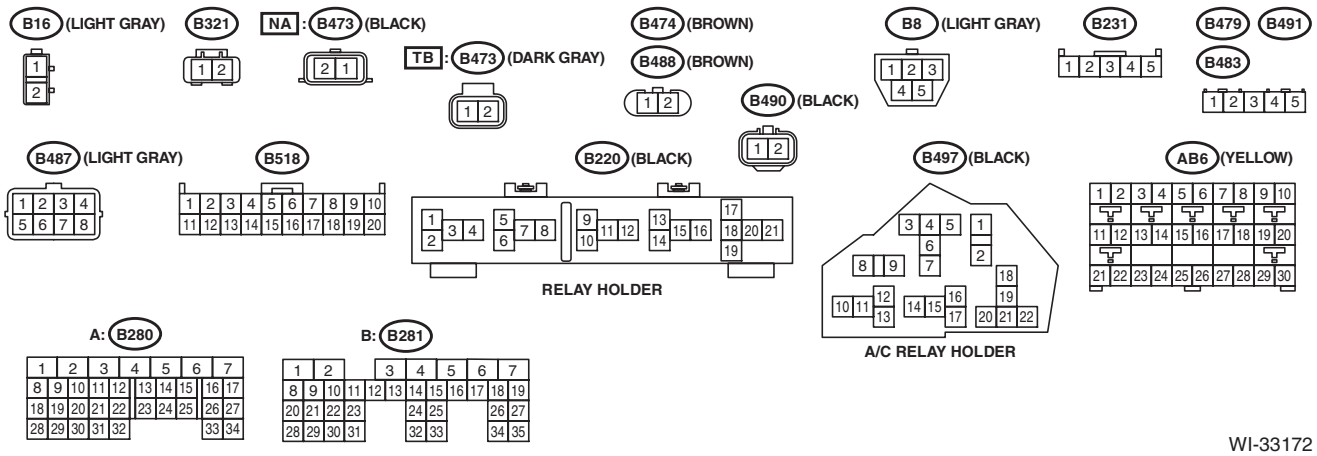
4. Ground Circuit

A: WIRING DIAGRAM

1. CHASSIS GROUND

- **Vehicle identification number: Sedan model 002017 or later OUTBACK model 200013 or later**





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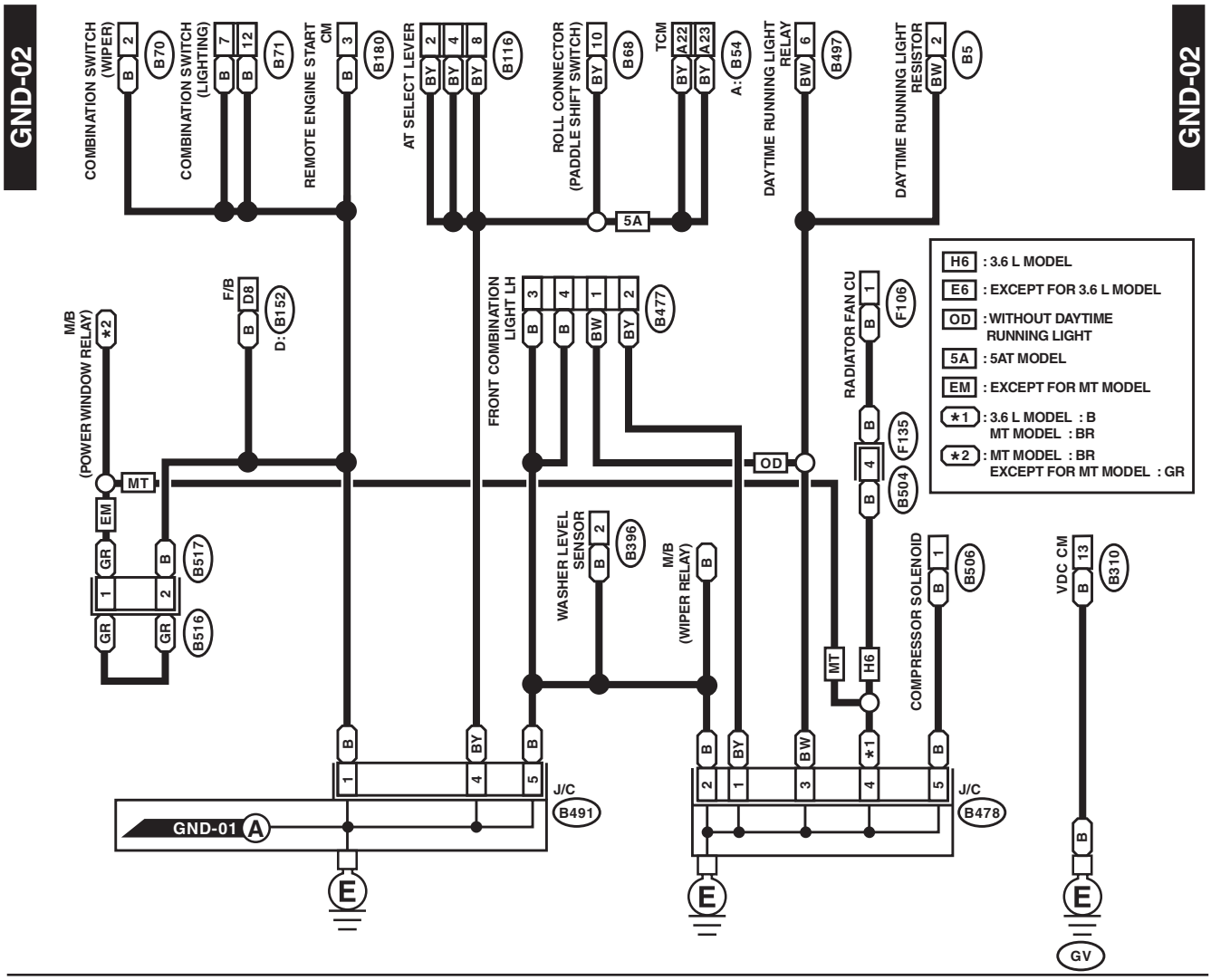
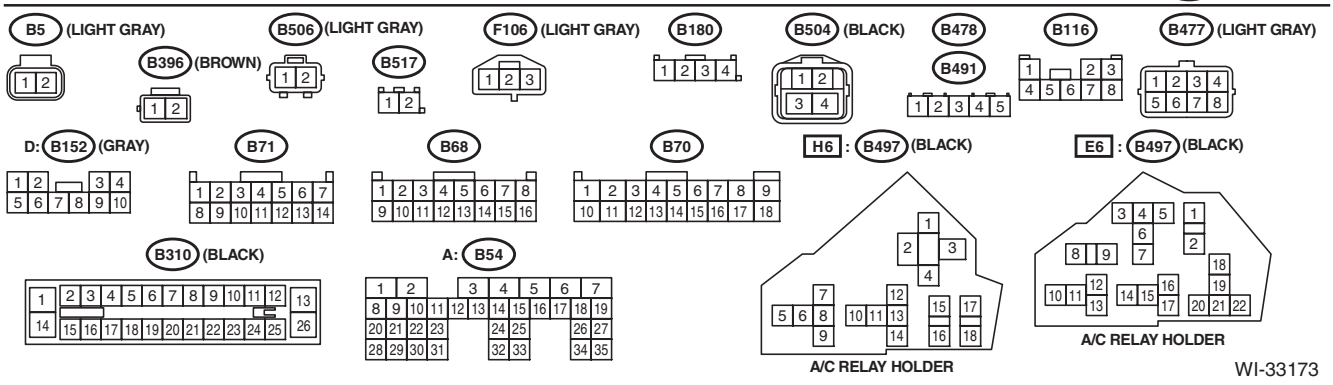
Ground Circuit





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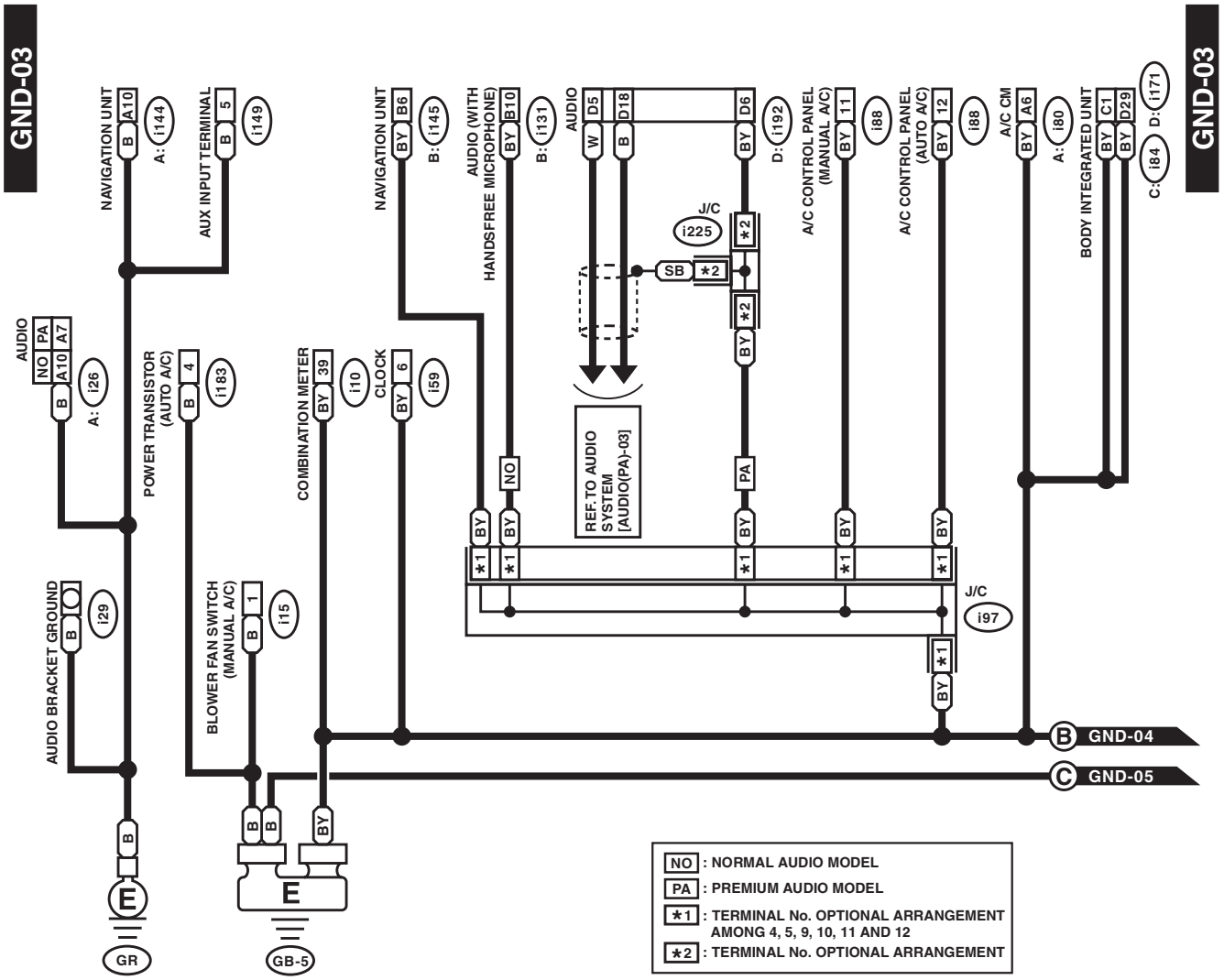
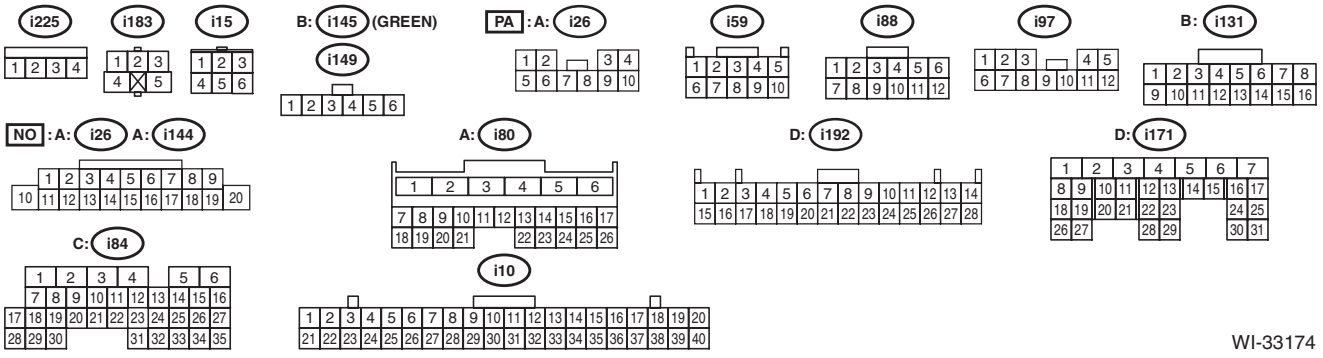
Ground Circuit





WI-33174

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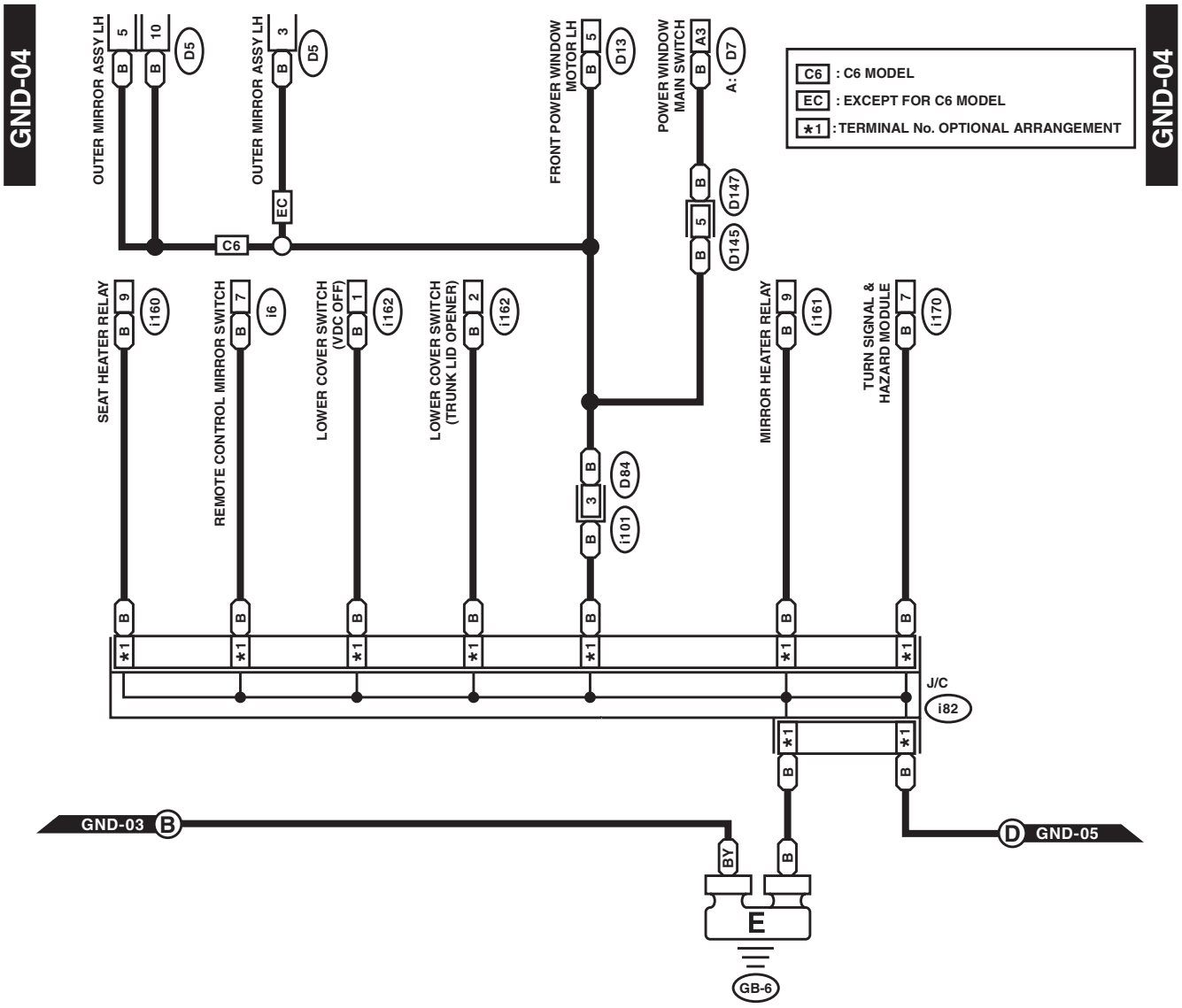
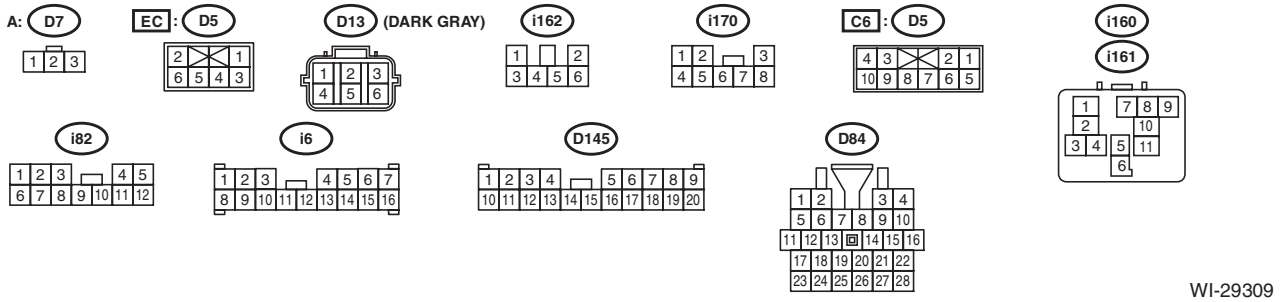
Ground Circuit





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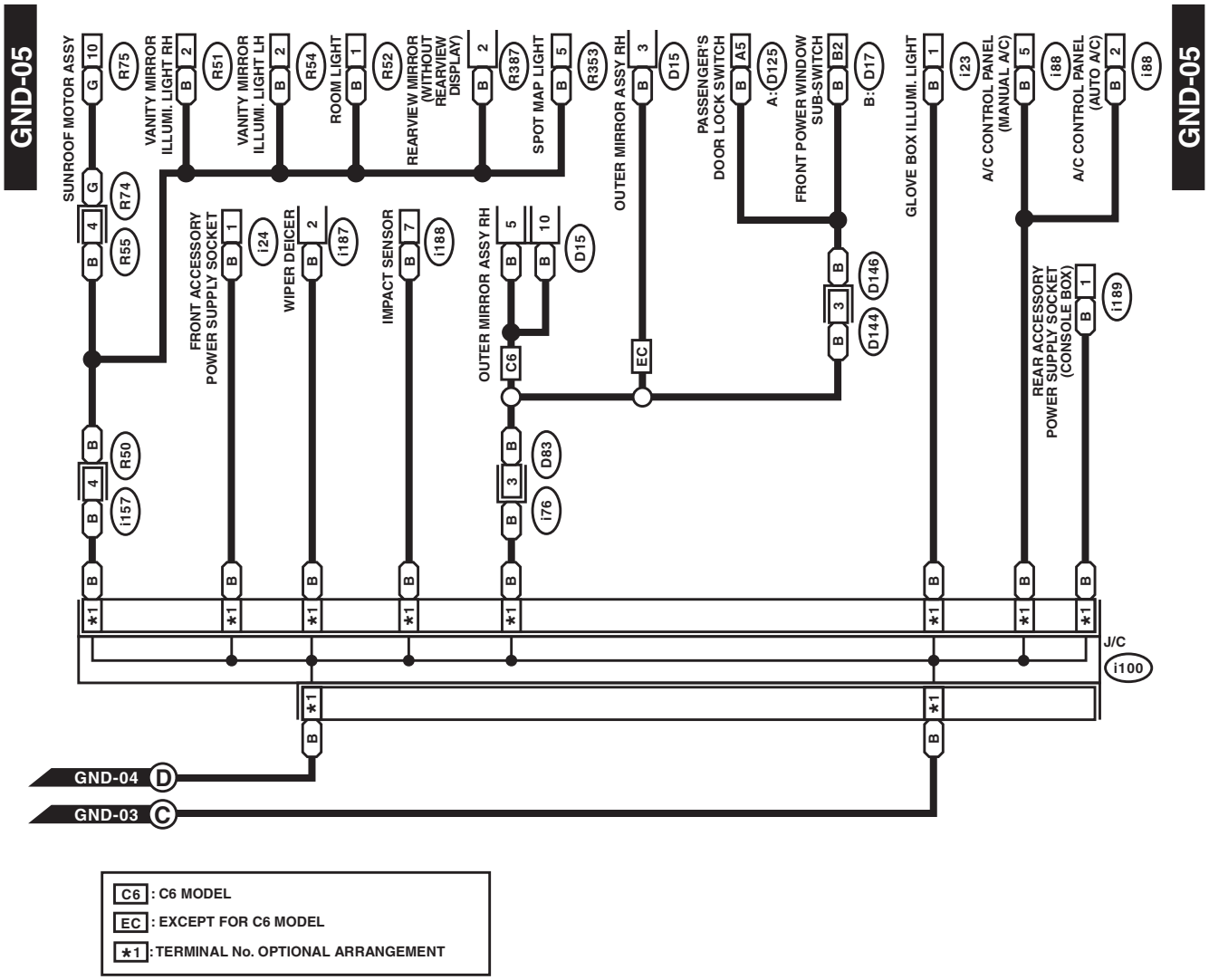
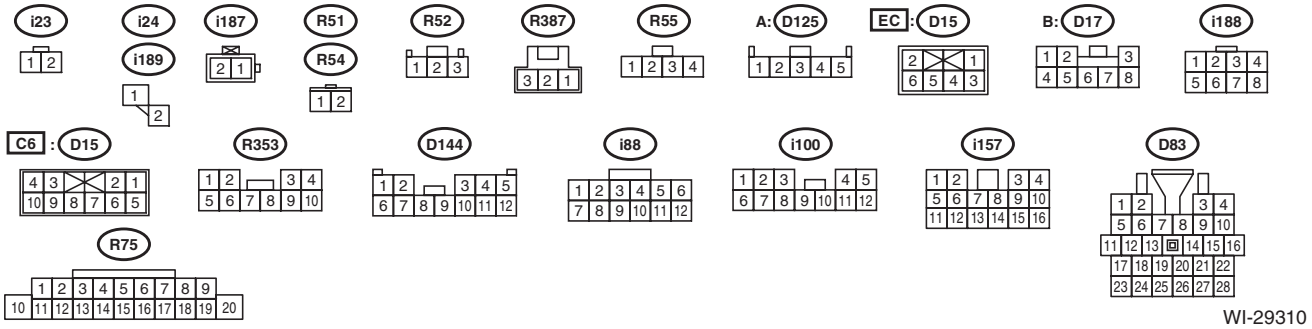
Ground Circuit





WI-29310

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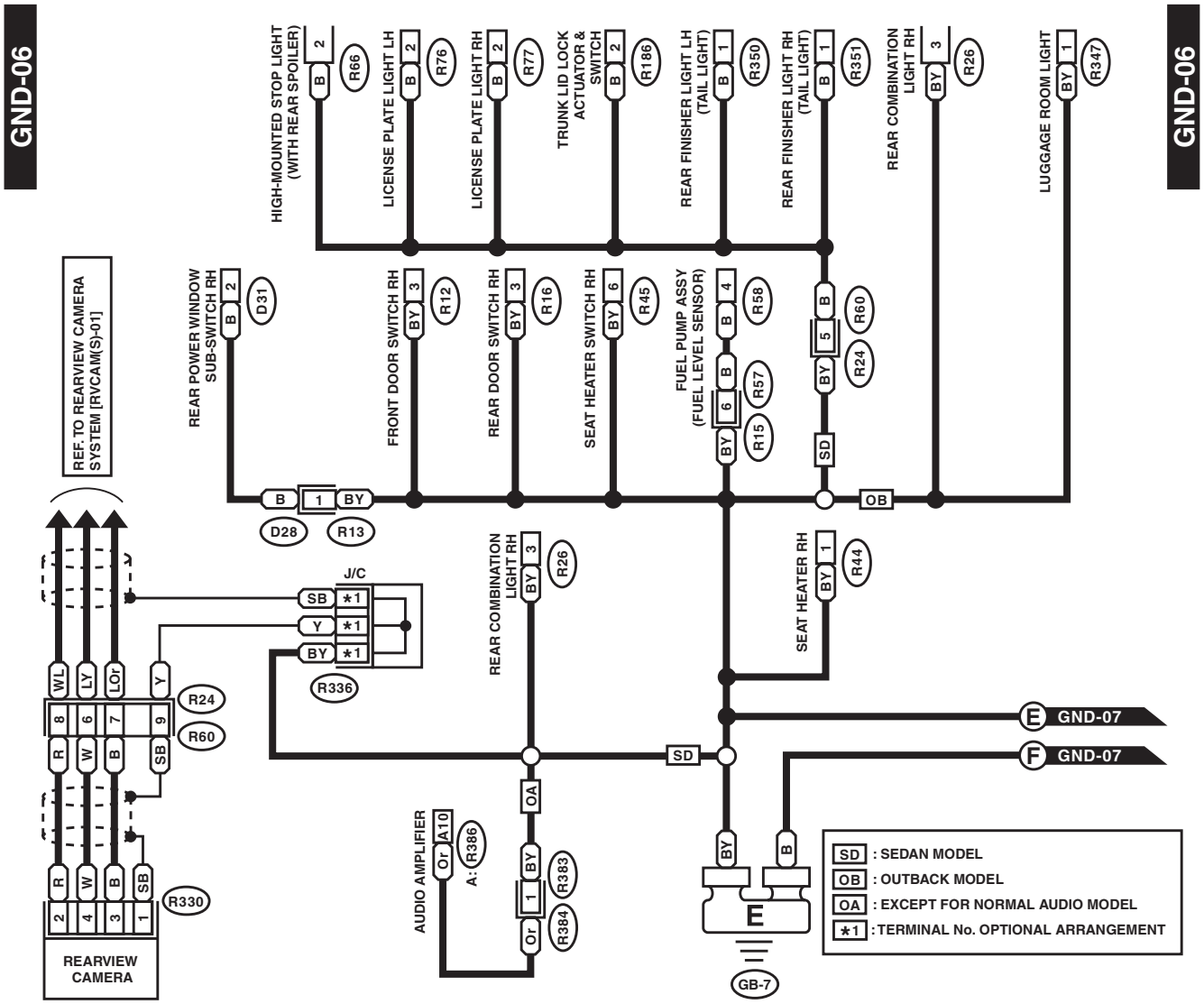
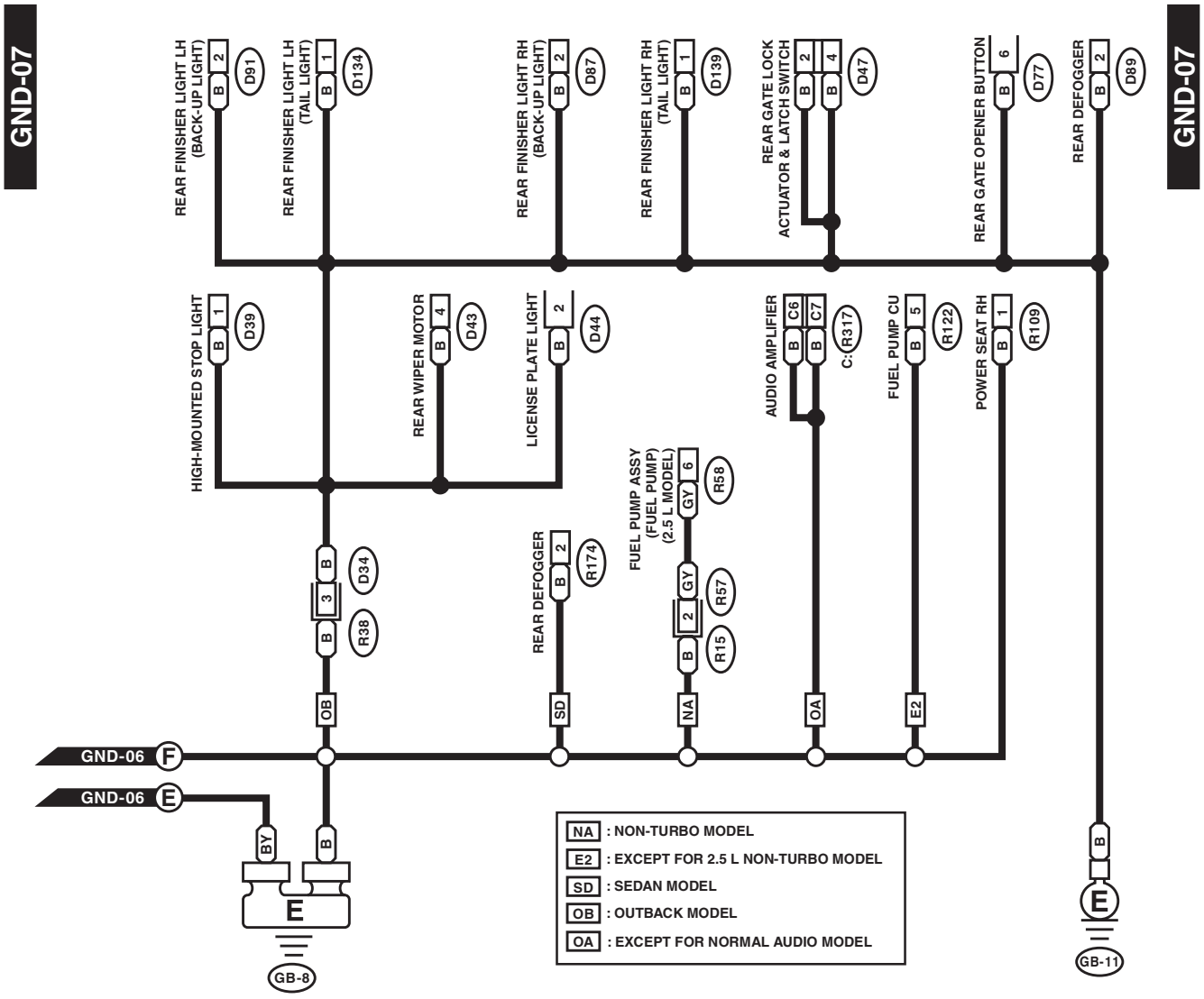
Ground Circuit

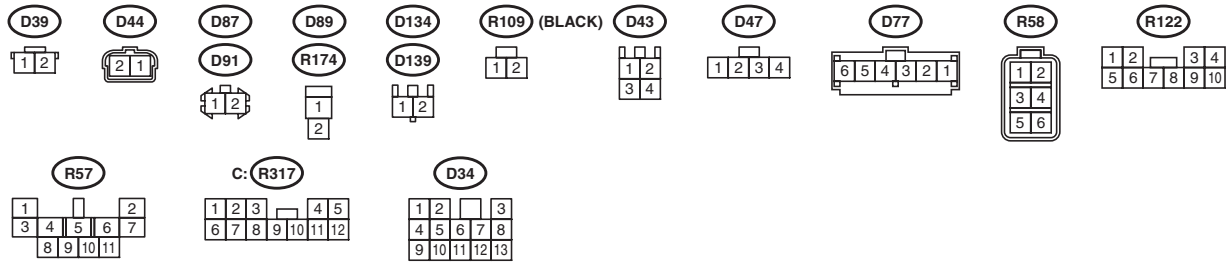


WI-29311

GETtheMANUALS.org

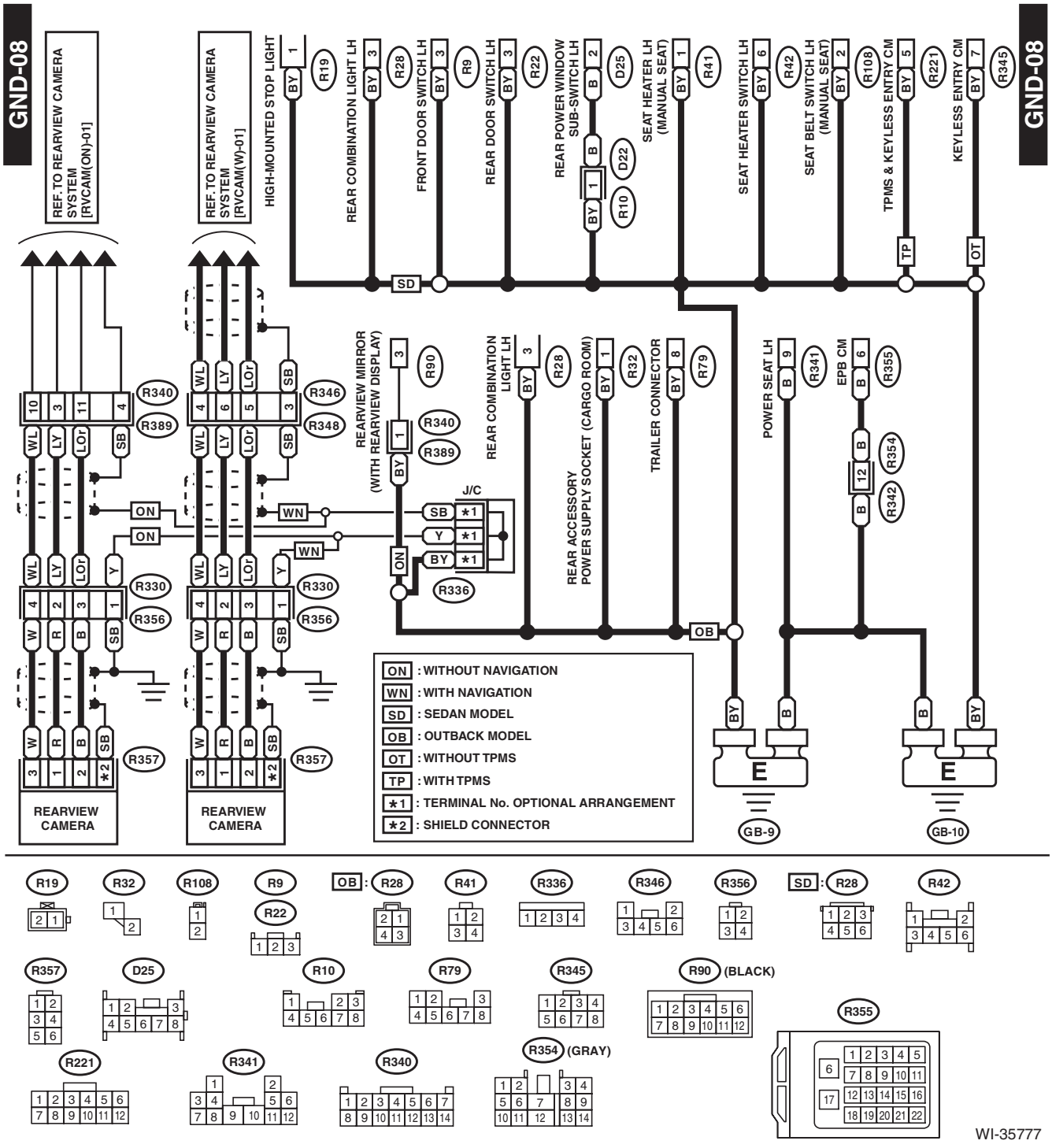
Ground Circuit





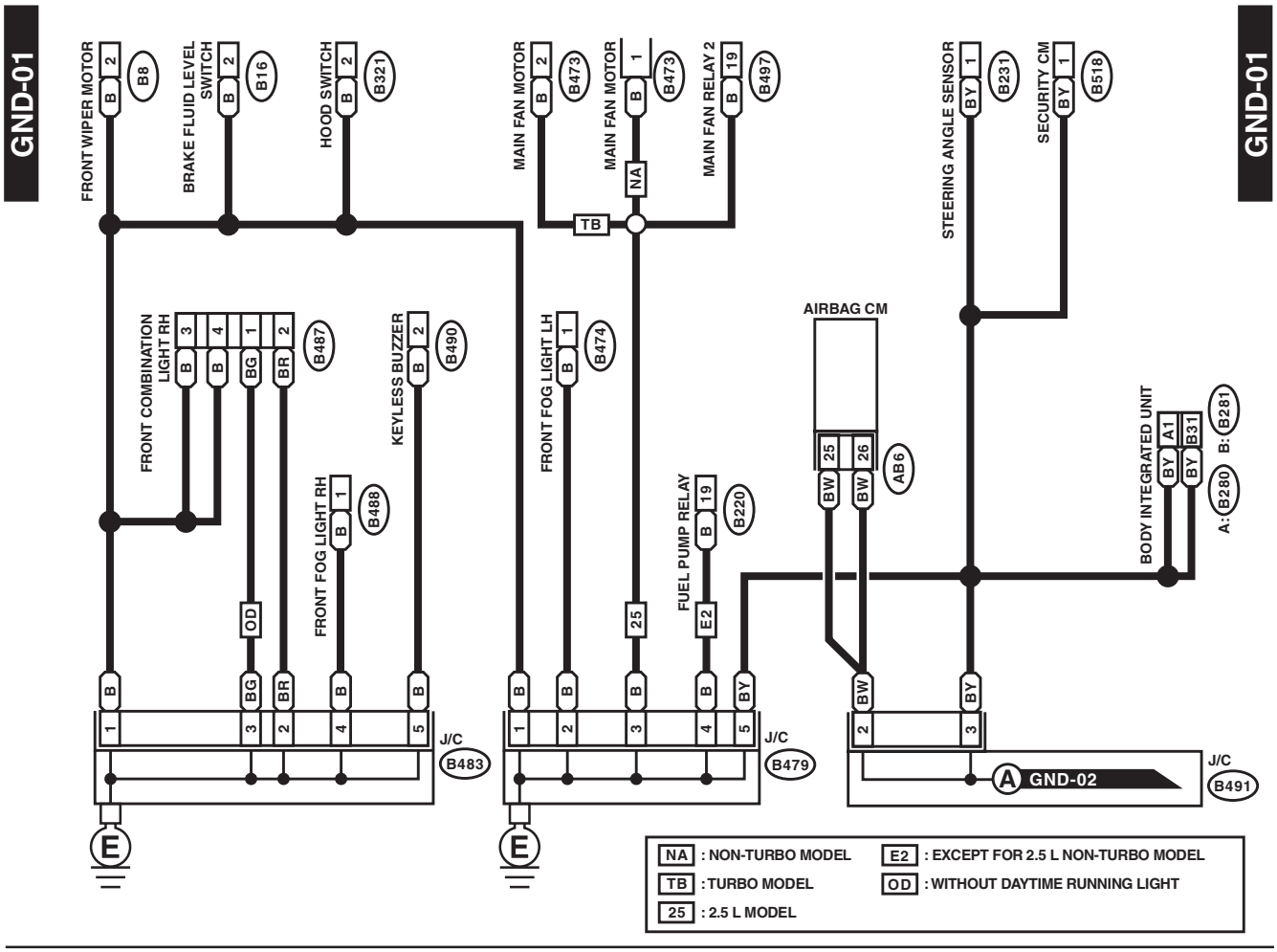
WI-25405

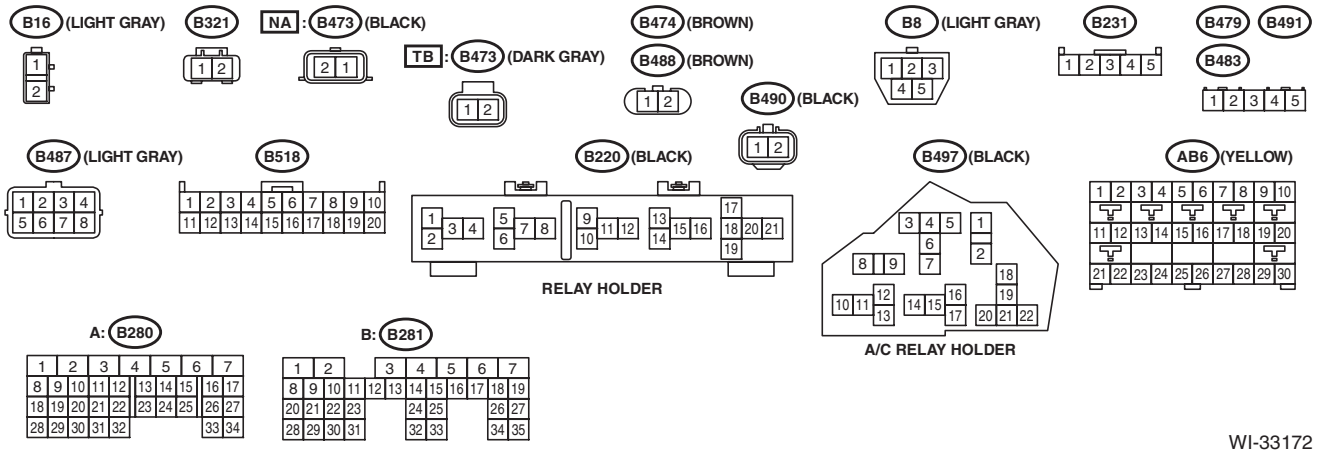
GETtheMANUALS.org



GETtheMANUALS.org

- **Vehicle identification number: Sedan model 002016 or older OUTBACK model 200012 or older**

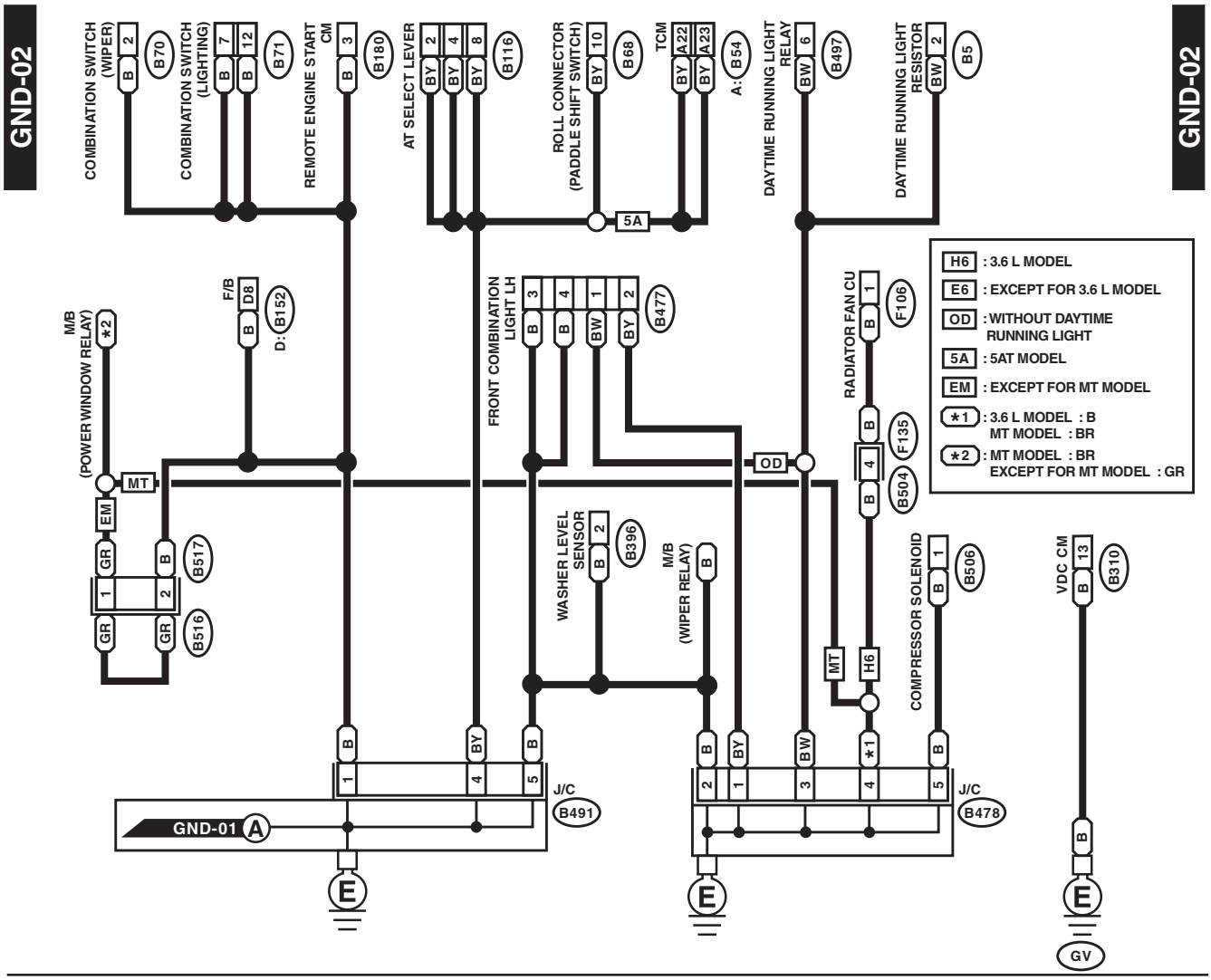


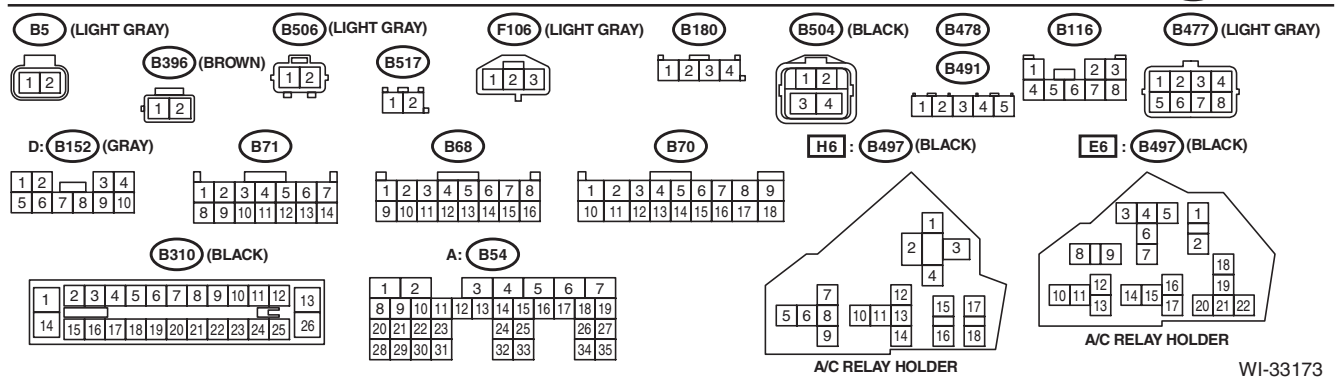


WI-33172

GETtheMANUALS.org

Ground Circuit

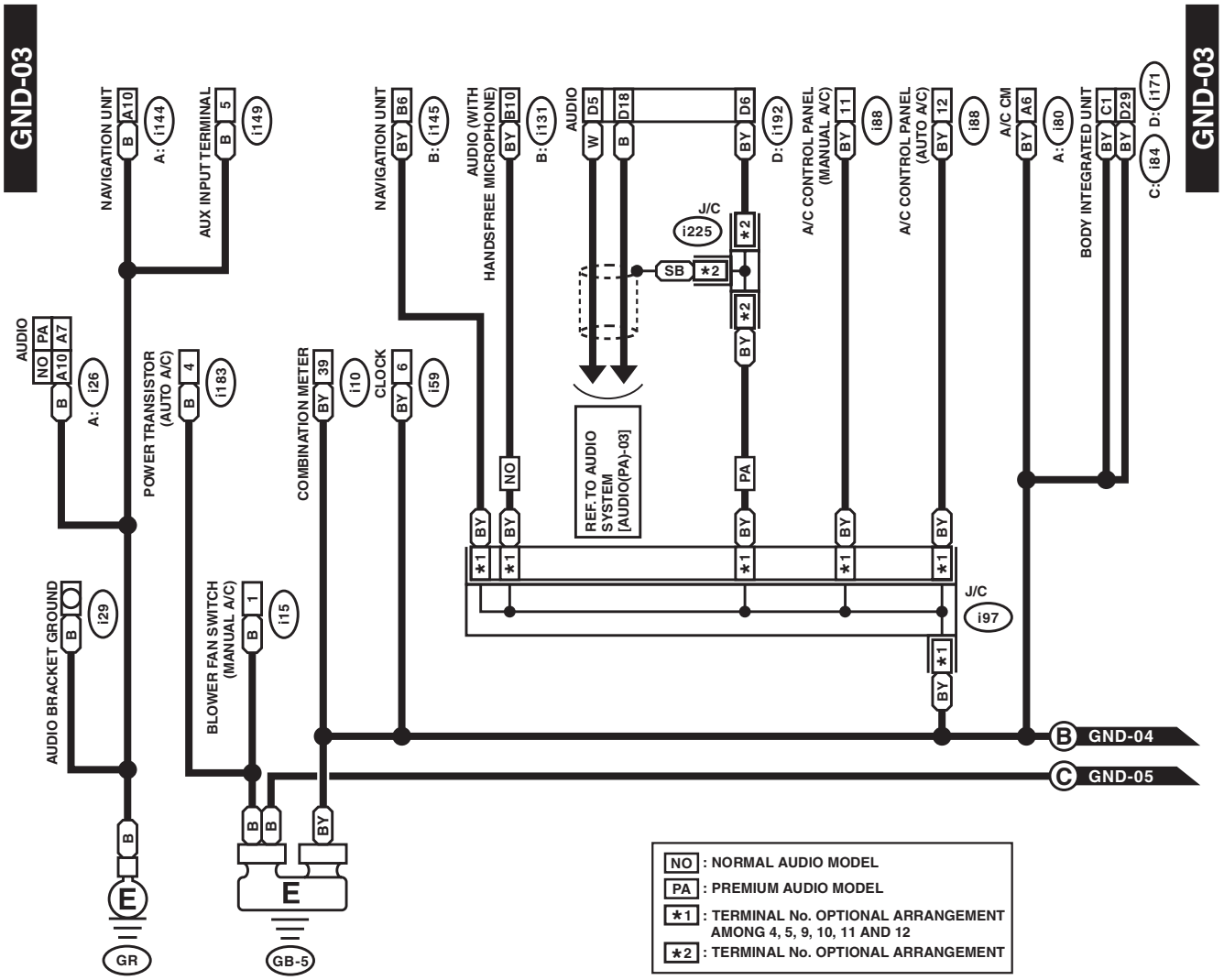


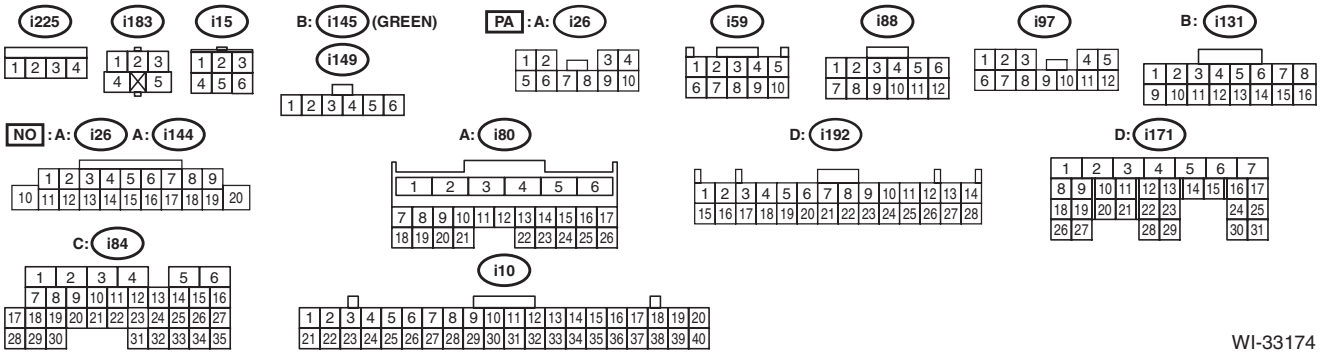


WI-33173

GETtheMANUALS.org

Ground Circuit

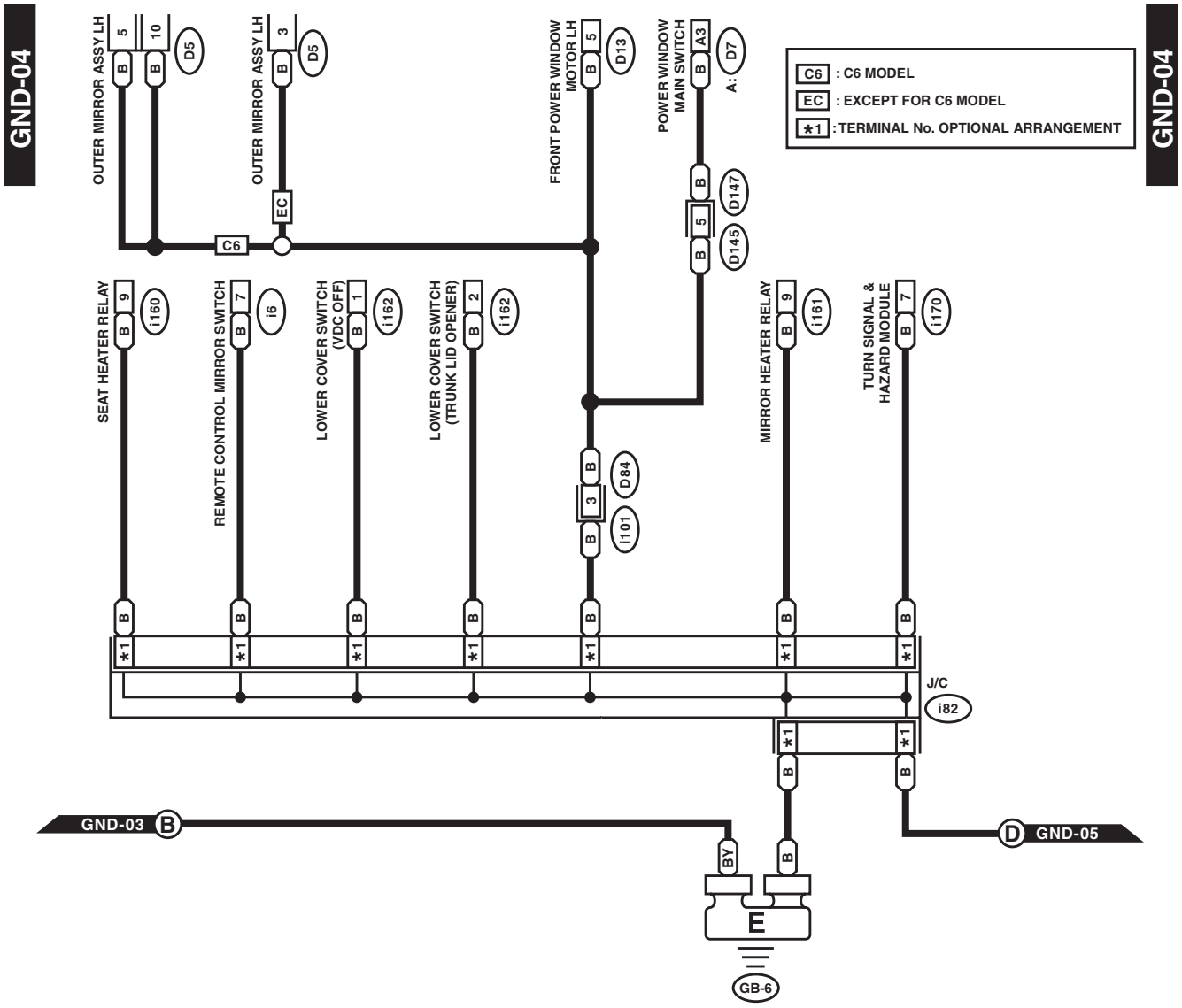


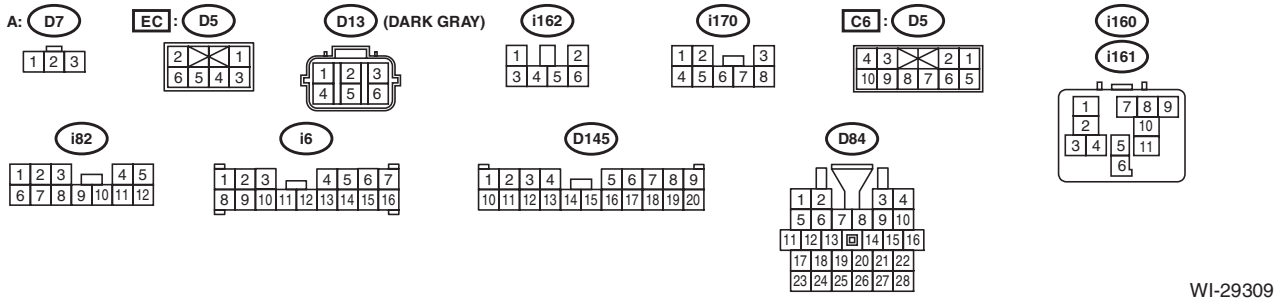


WI-33174

GETtheMANUALS.org

Ground Circuit

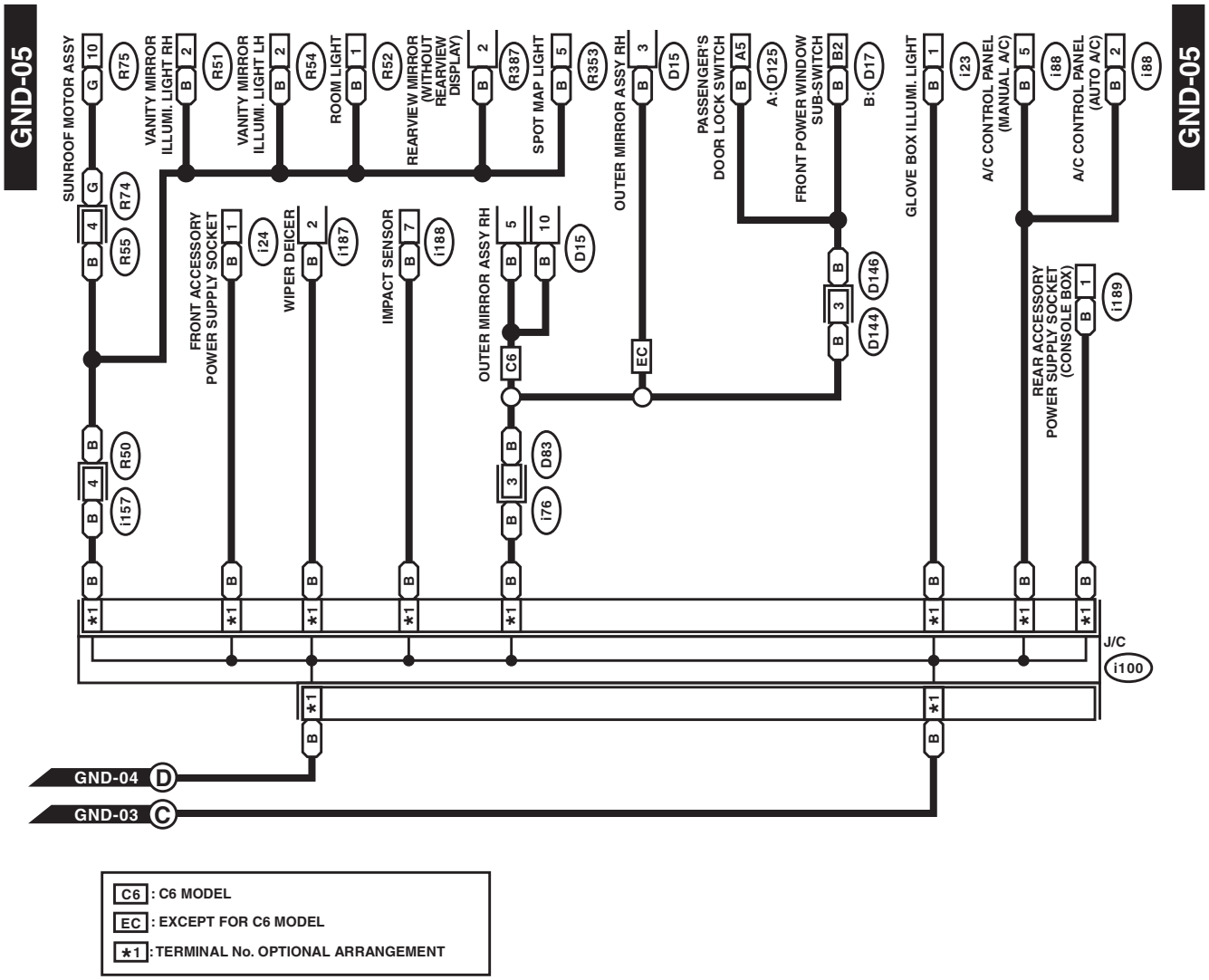


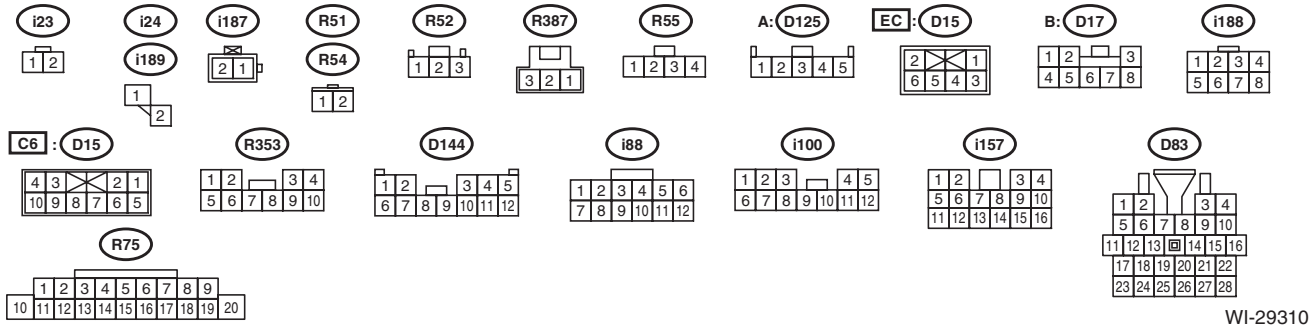


WI-29309

GETtheMANUALS.org

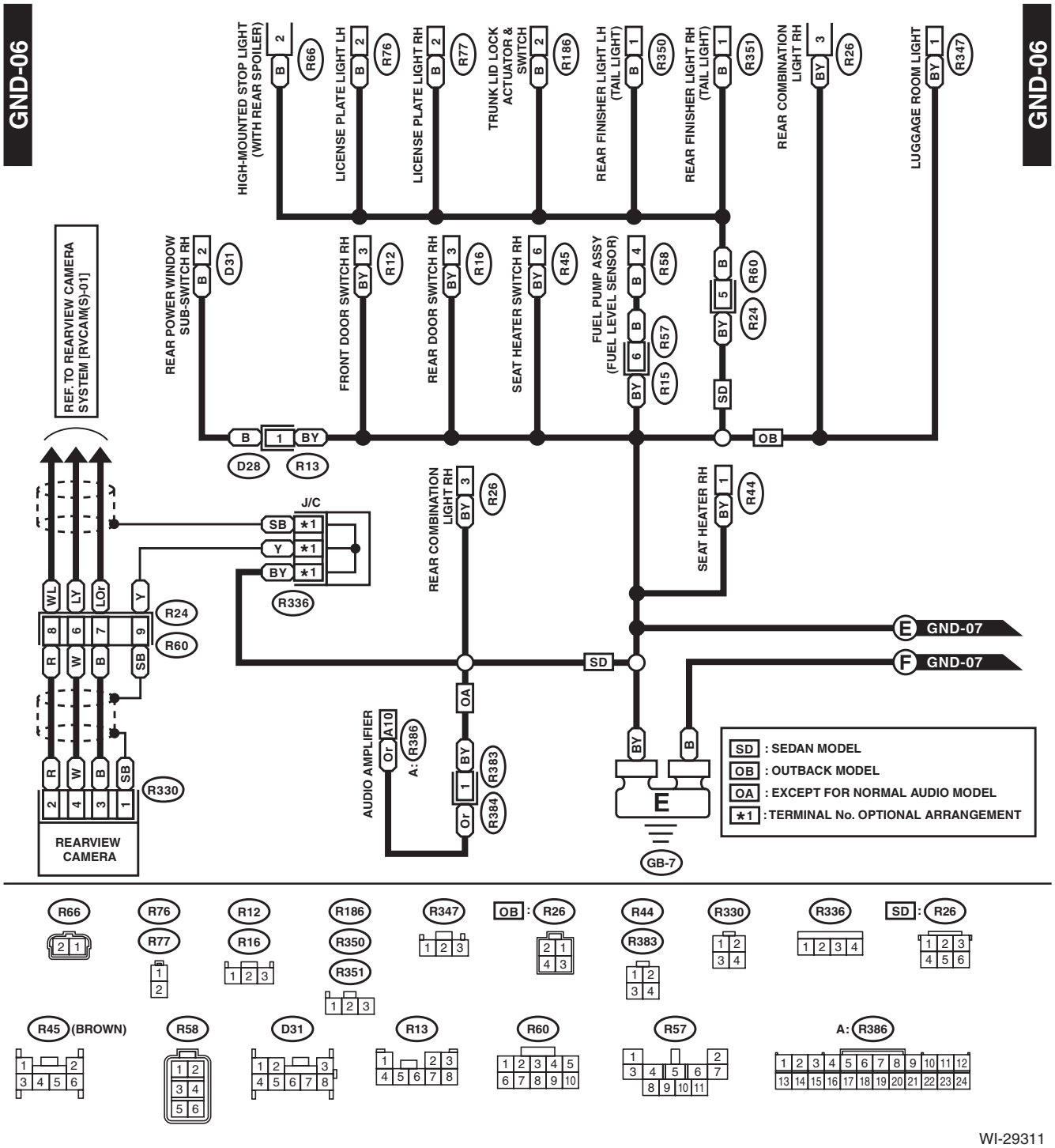
Ground Circuit





WI-29310

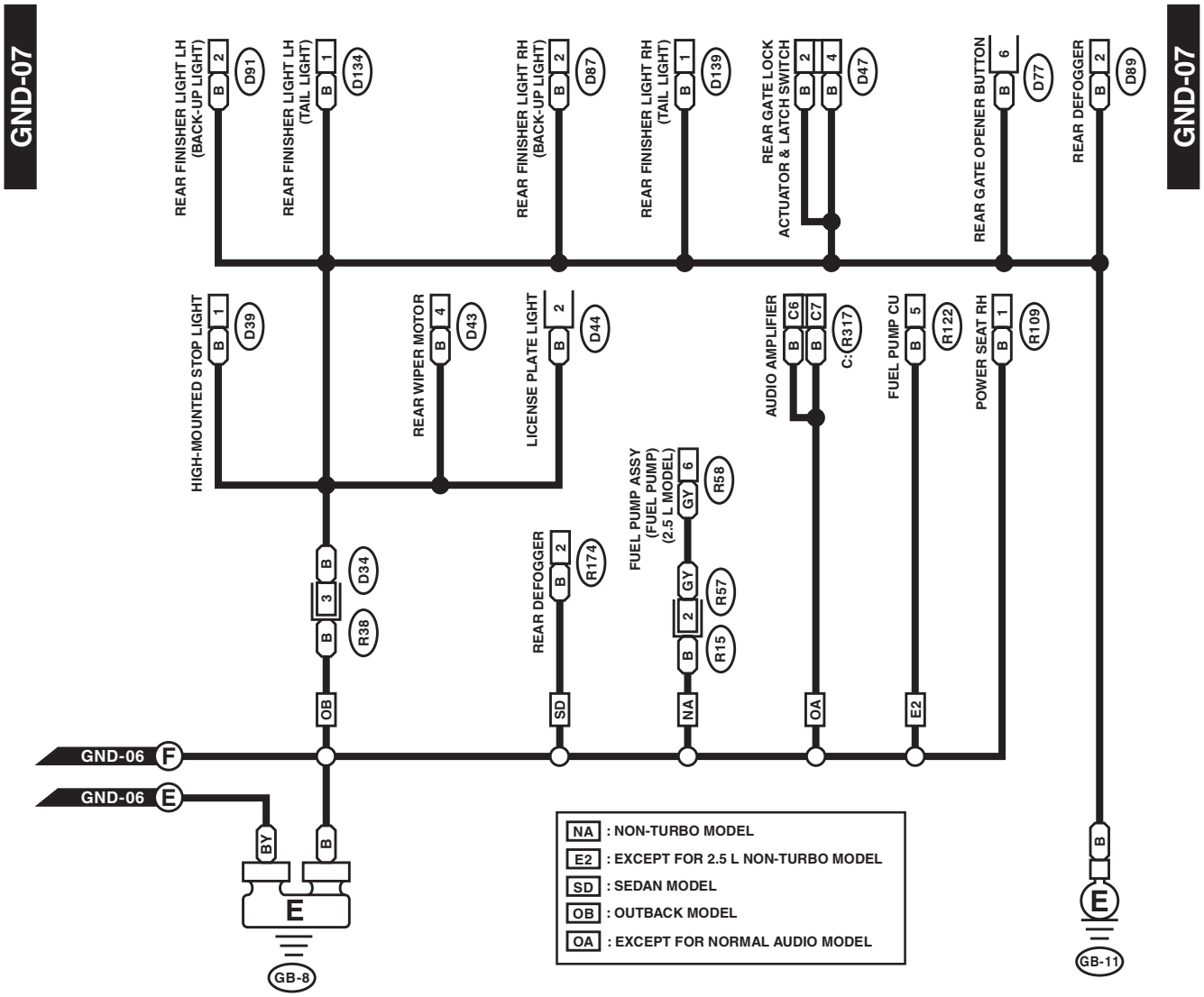
GETtheMANUALS.org

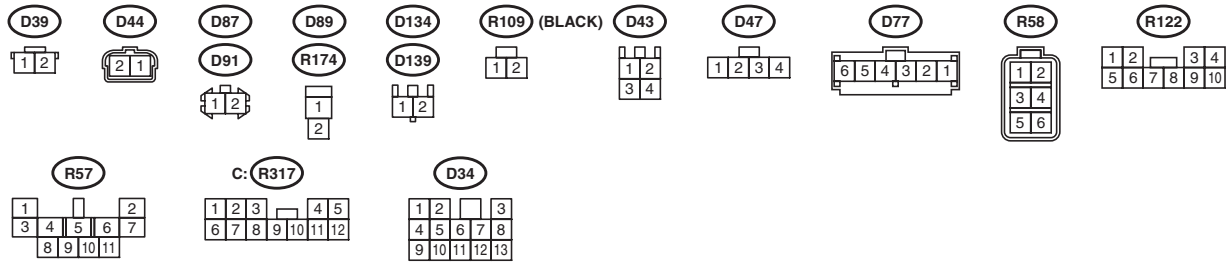


WI-29311

GETtheMANUALS.org

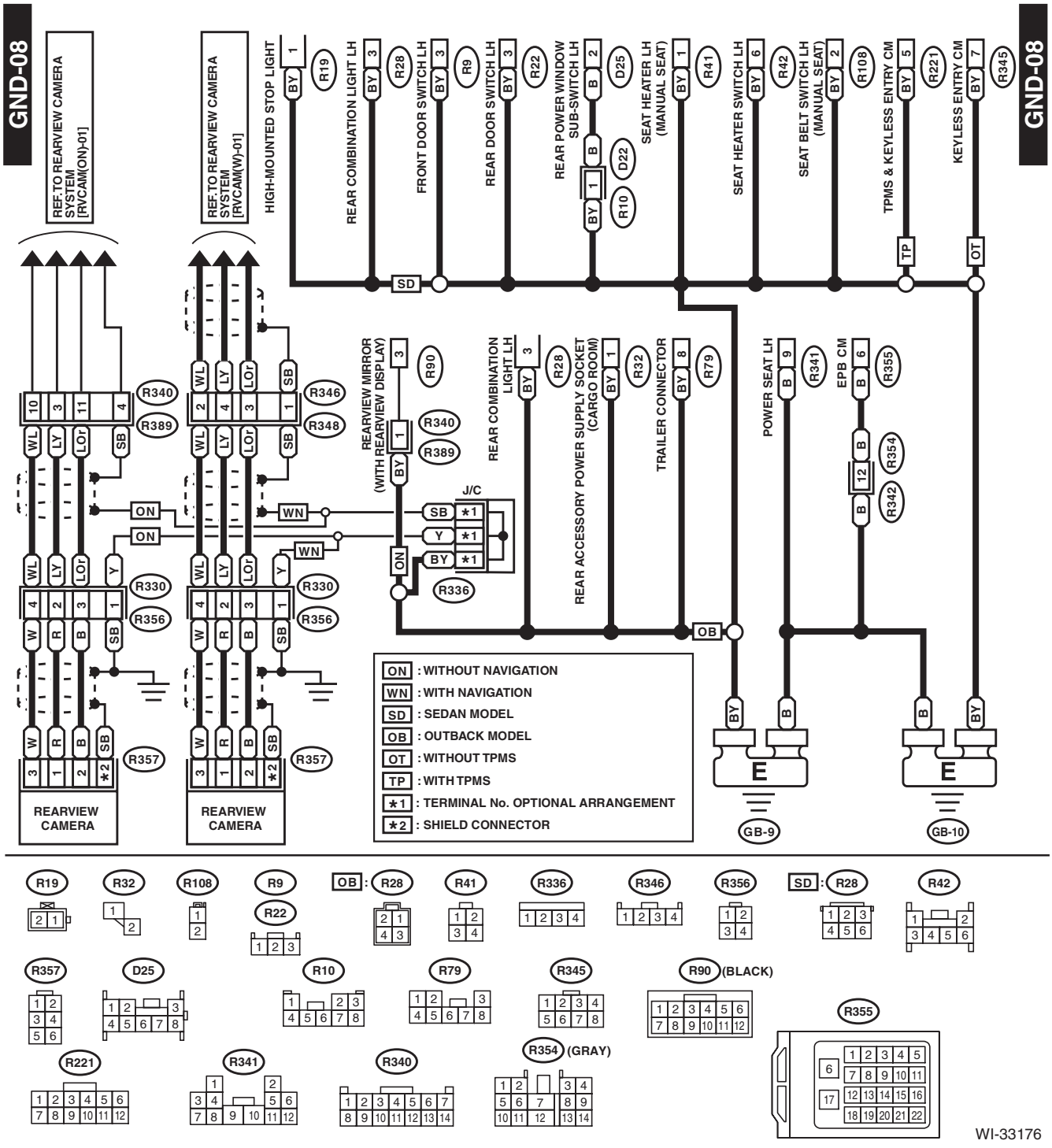
Ground Circuit





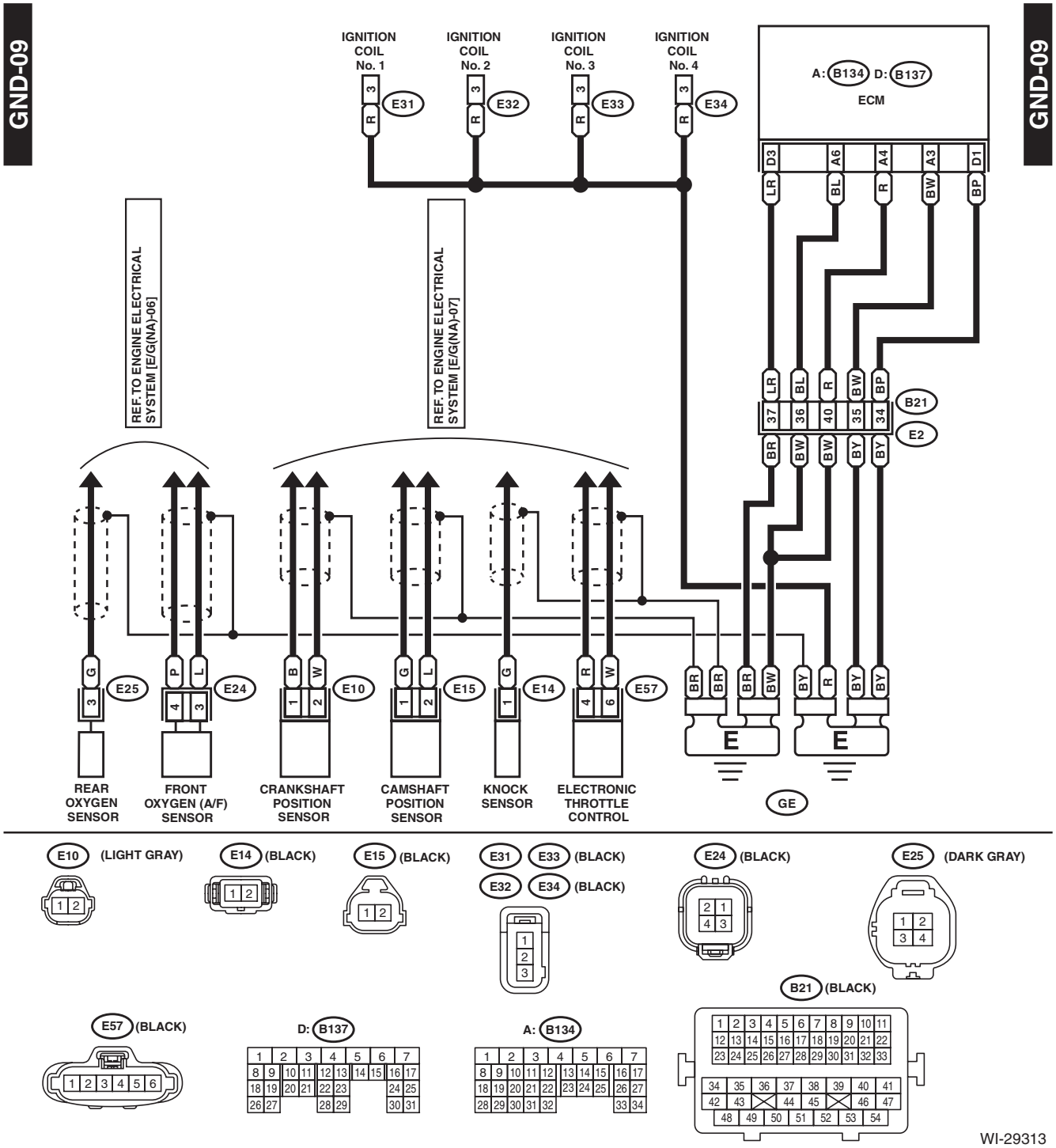
WI-25405

GETtheMANUALS.org



GETtheMANUALS.org

2. ENGINE GROUND (2.5 L NON-TURBO MODEL)



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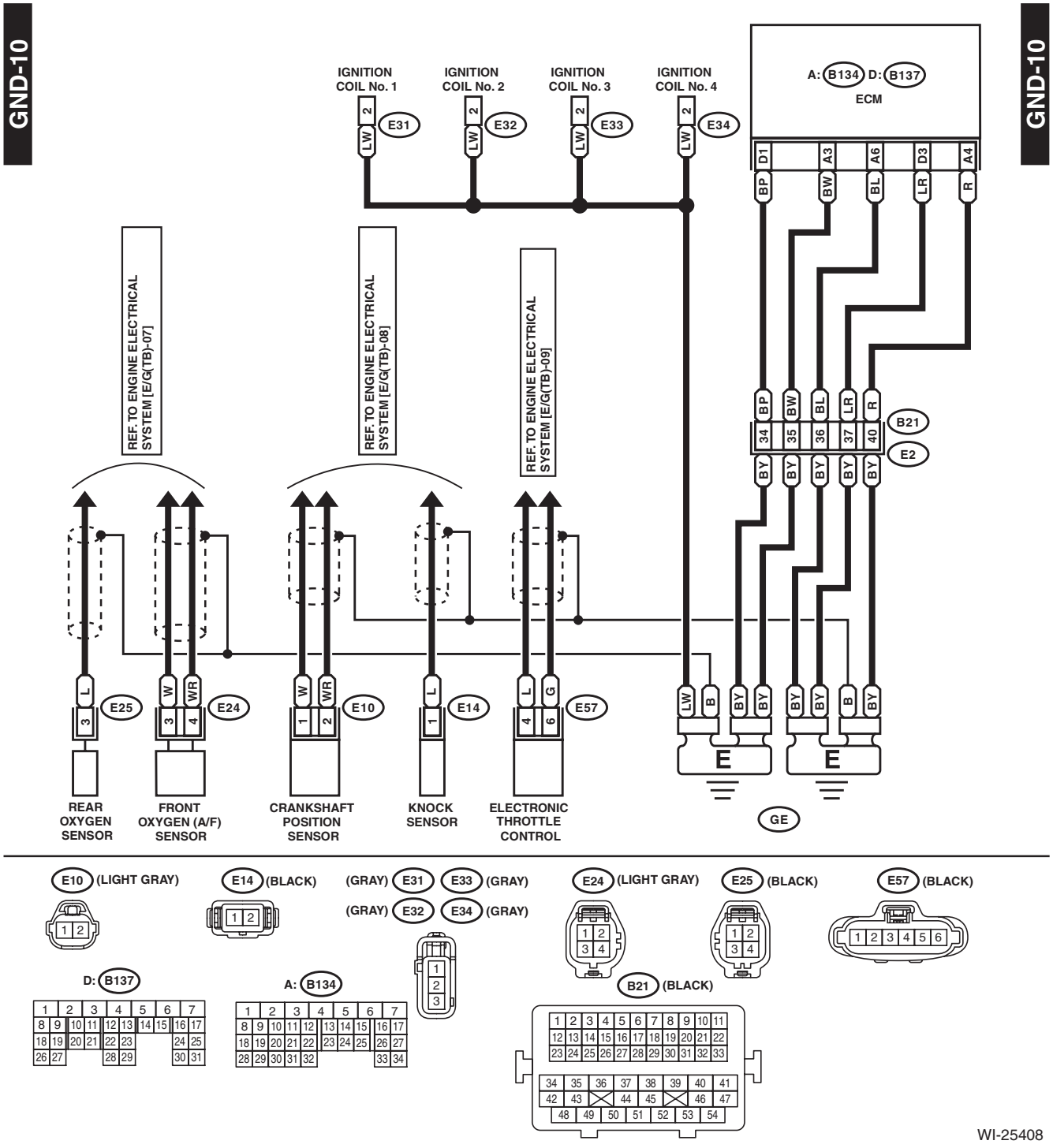
3. ENGINE GROUND (2.5 L TURBO MODEL)



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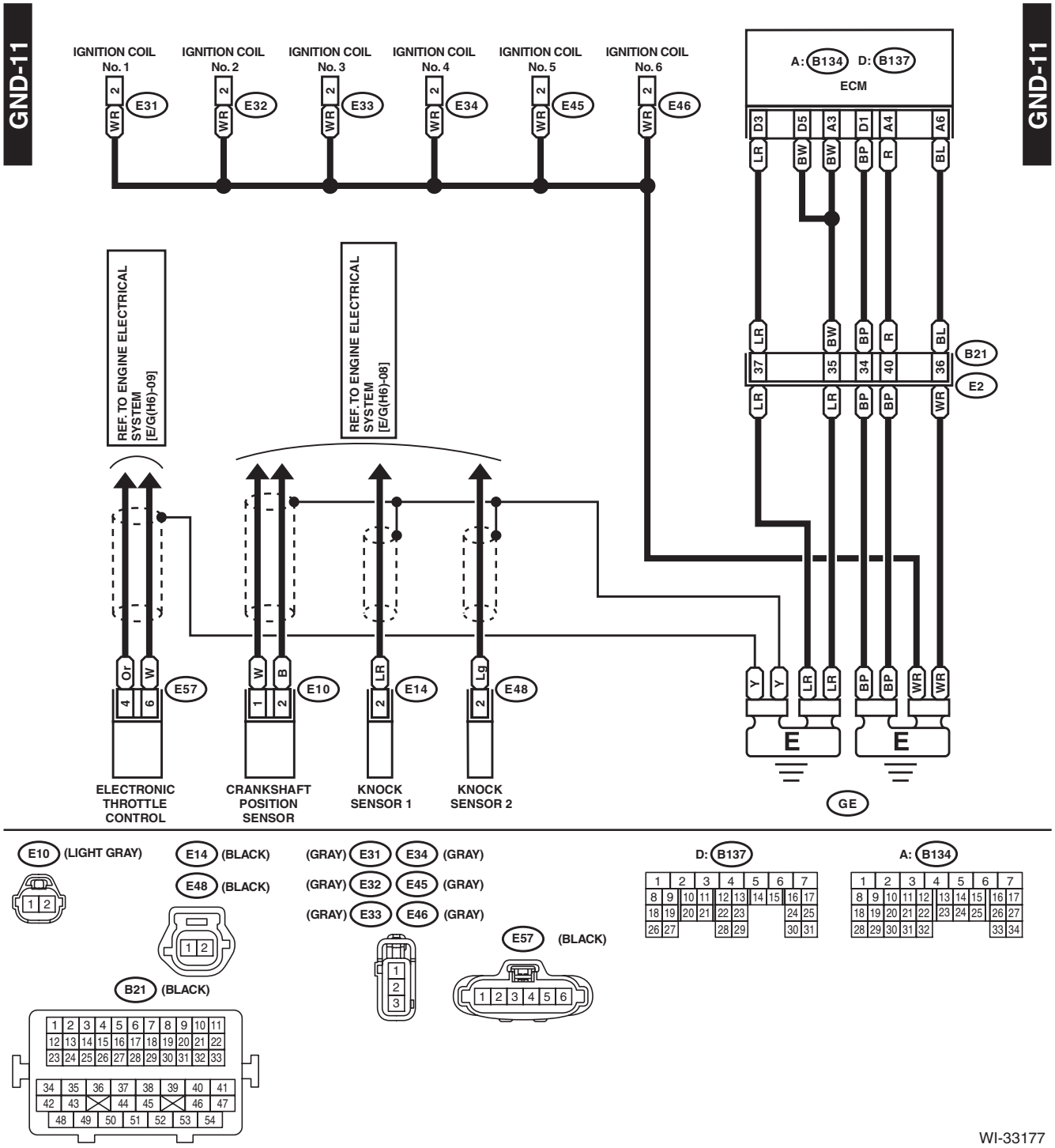
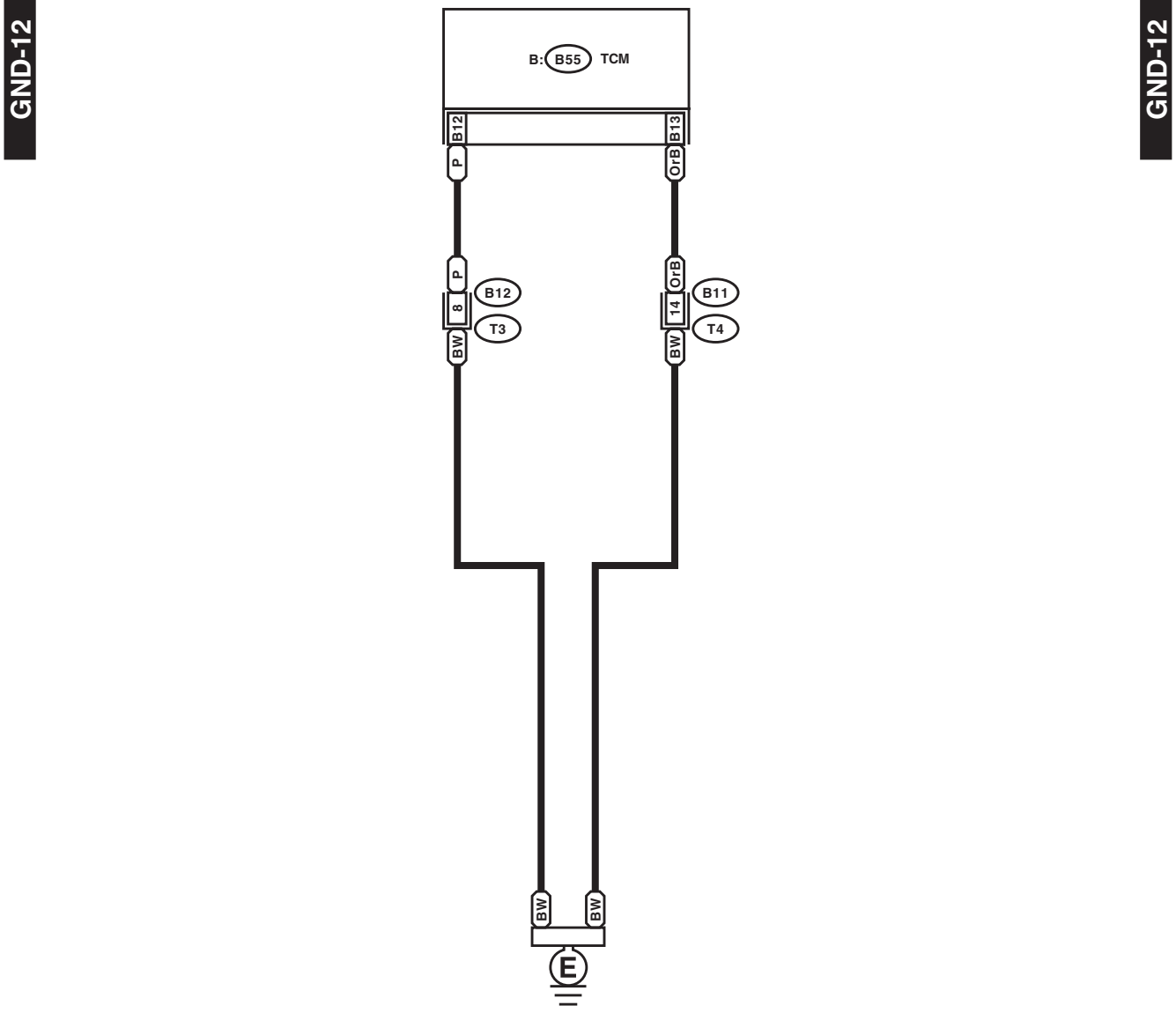
4. ENGINE GROUND (3.6 L MODEL)



GETtheMANUALS.org

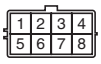
5. TRANSMISSION GROUND (AT MODEL)

GND-12

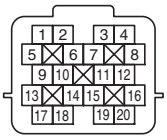


GND-12

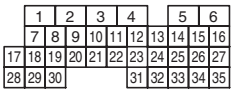
B12 (LIGHT GRAY)



B11 (LIGHT GRAY)



B: B55



WI-25410

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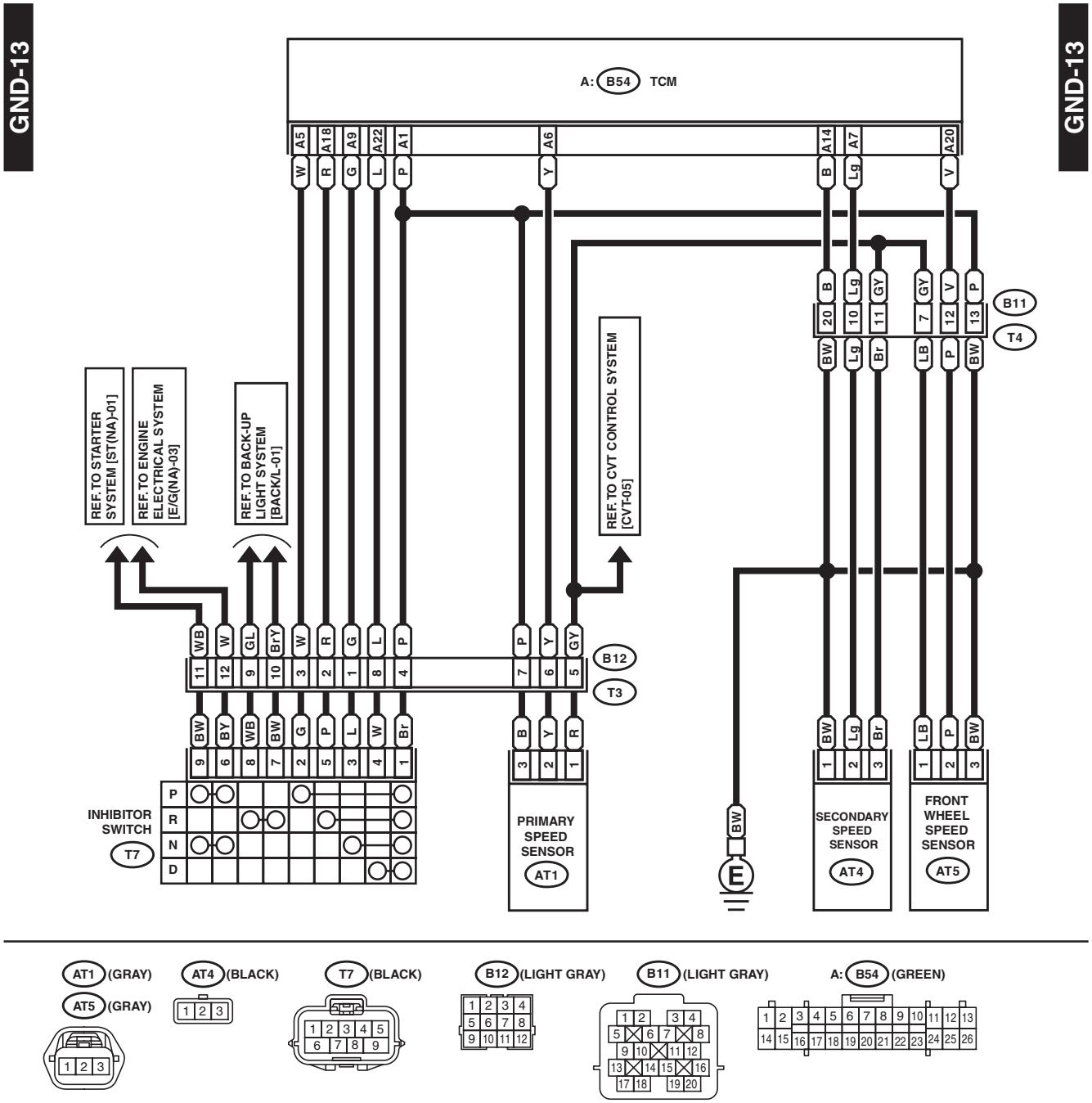
6. TRANSMISSION GROUND (CVT MODEL)

GND-13



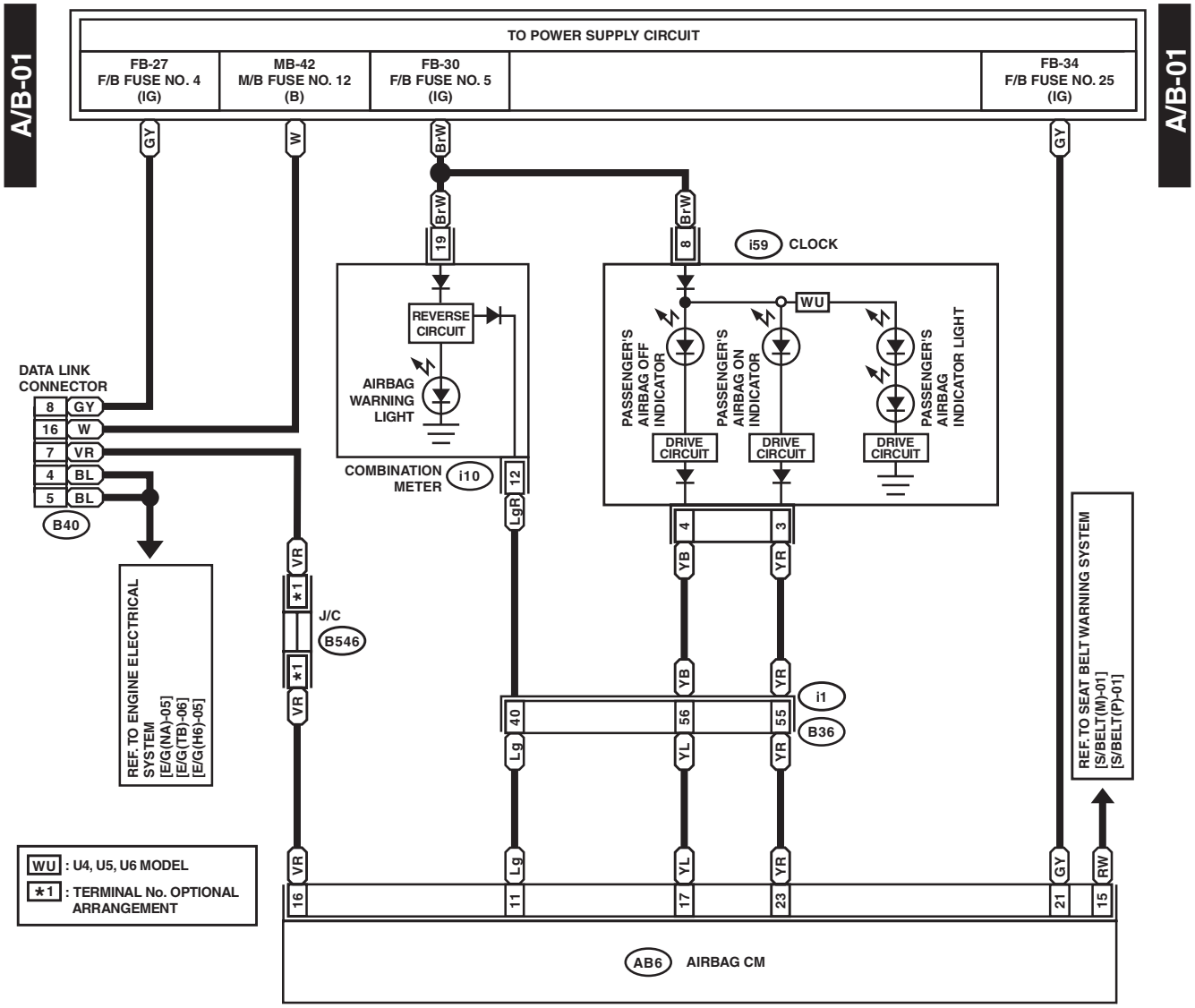
WI-25411

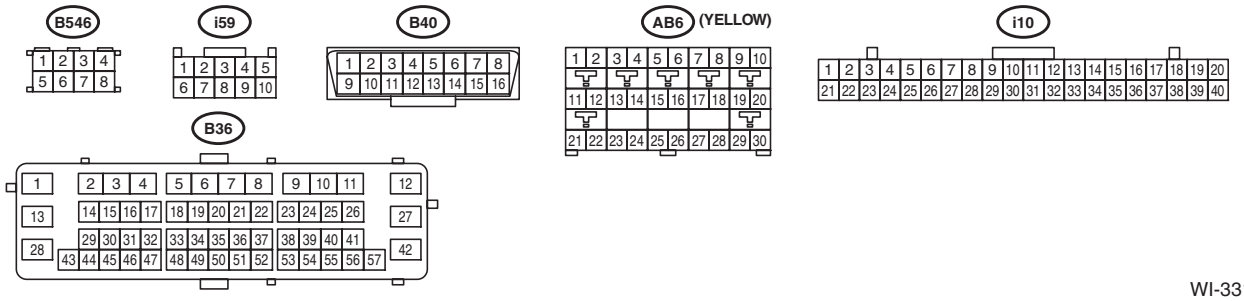
GETtheMANUALS.org

5. Airbag System

A: WIRING DIAGRAM

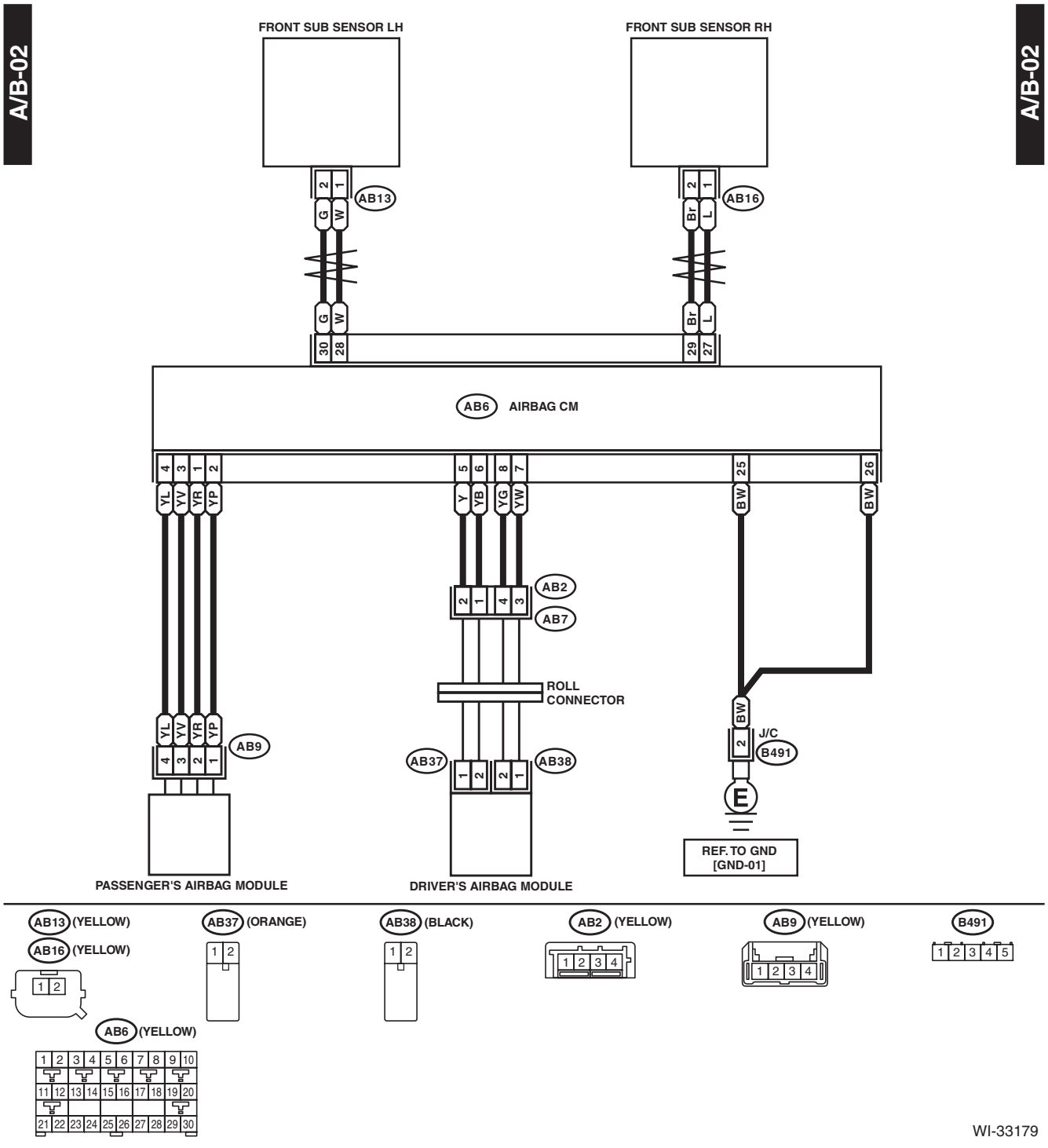
1. VEHICLE IDENTIFICATION NUMBER: SEDAN MODEL 002017 OR LATER OUTBACK MODEL 200013 OR LATER





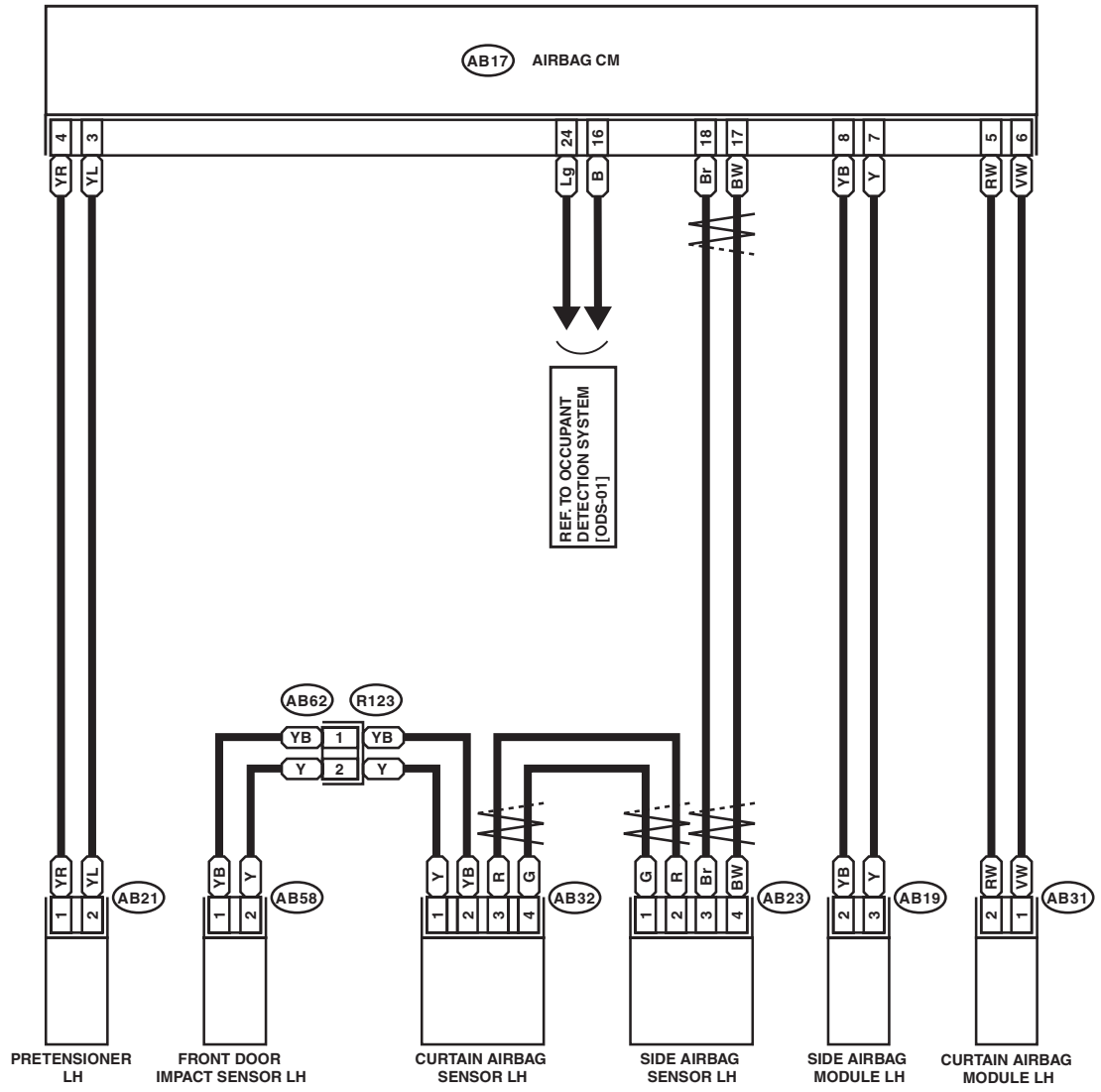
WI-33178

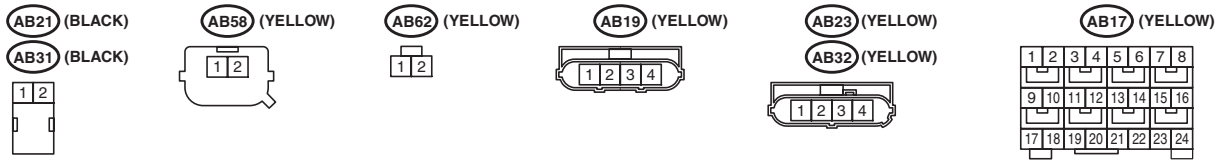
GETtheMANUALS.org



GETtheMANUALS.org

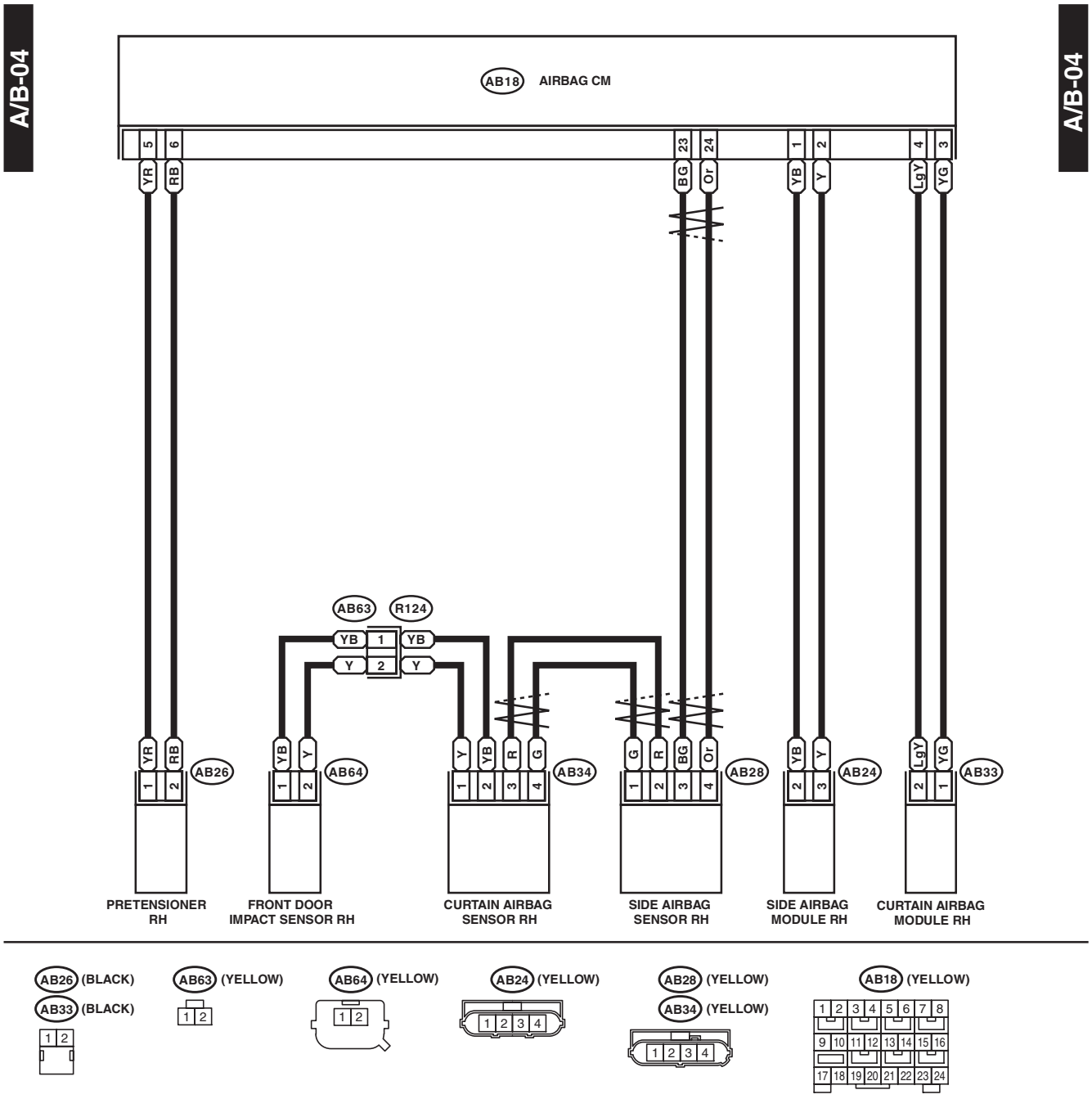
A/B-03





WI-35778

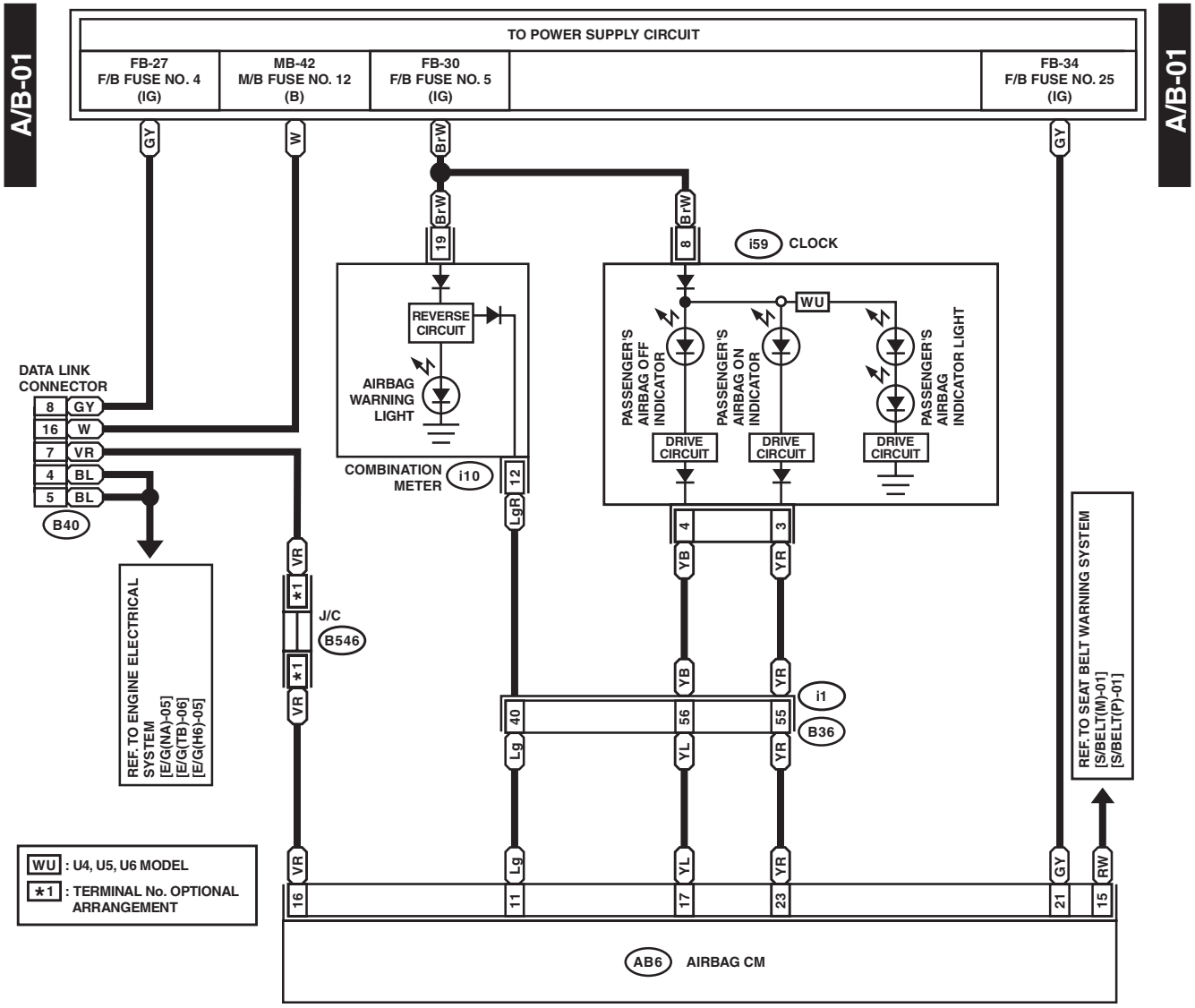
GETtheMANUALS.org

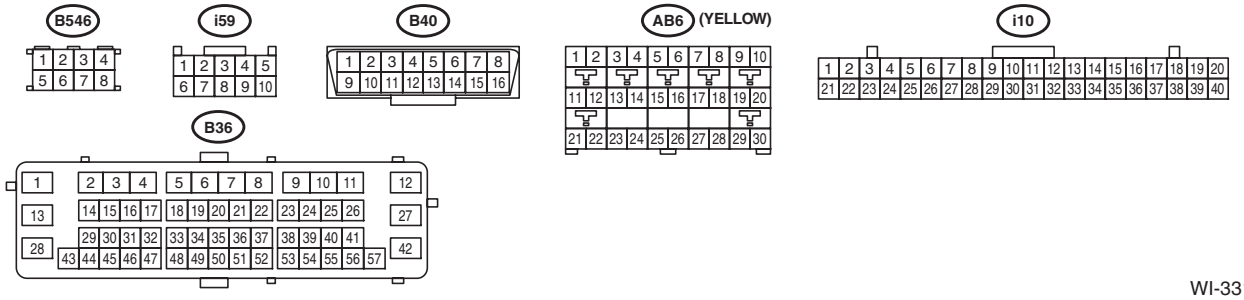


WI-35779

GETtheMANUALS.org

2. VEHICLE IDENTIFICATION NUMBER: SEDAN MODEL 002016 OR OLDER OUTBACK MODEL 200012 OR OLDER





WI-33178

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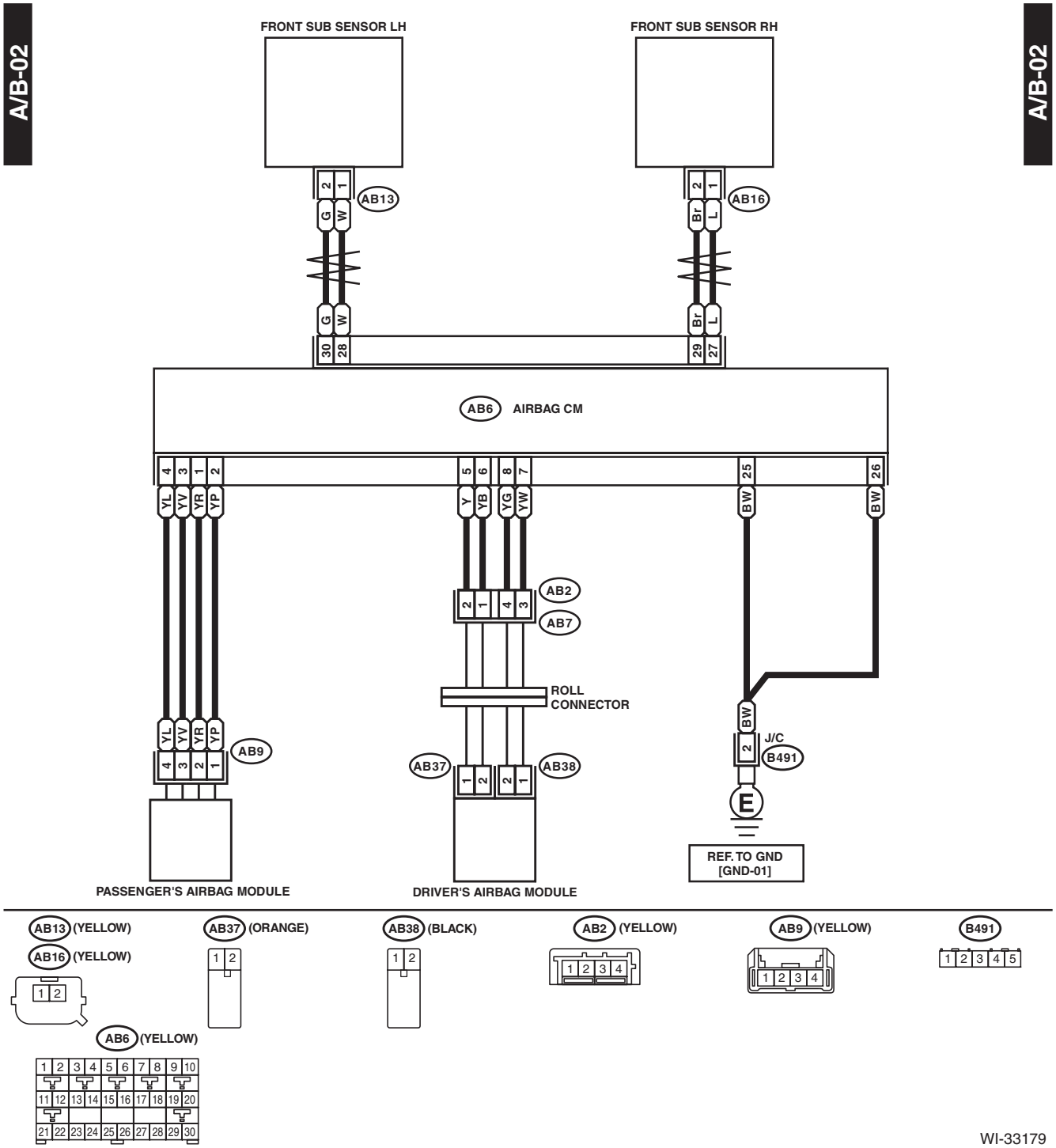
A/B-02

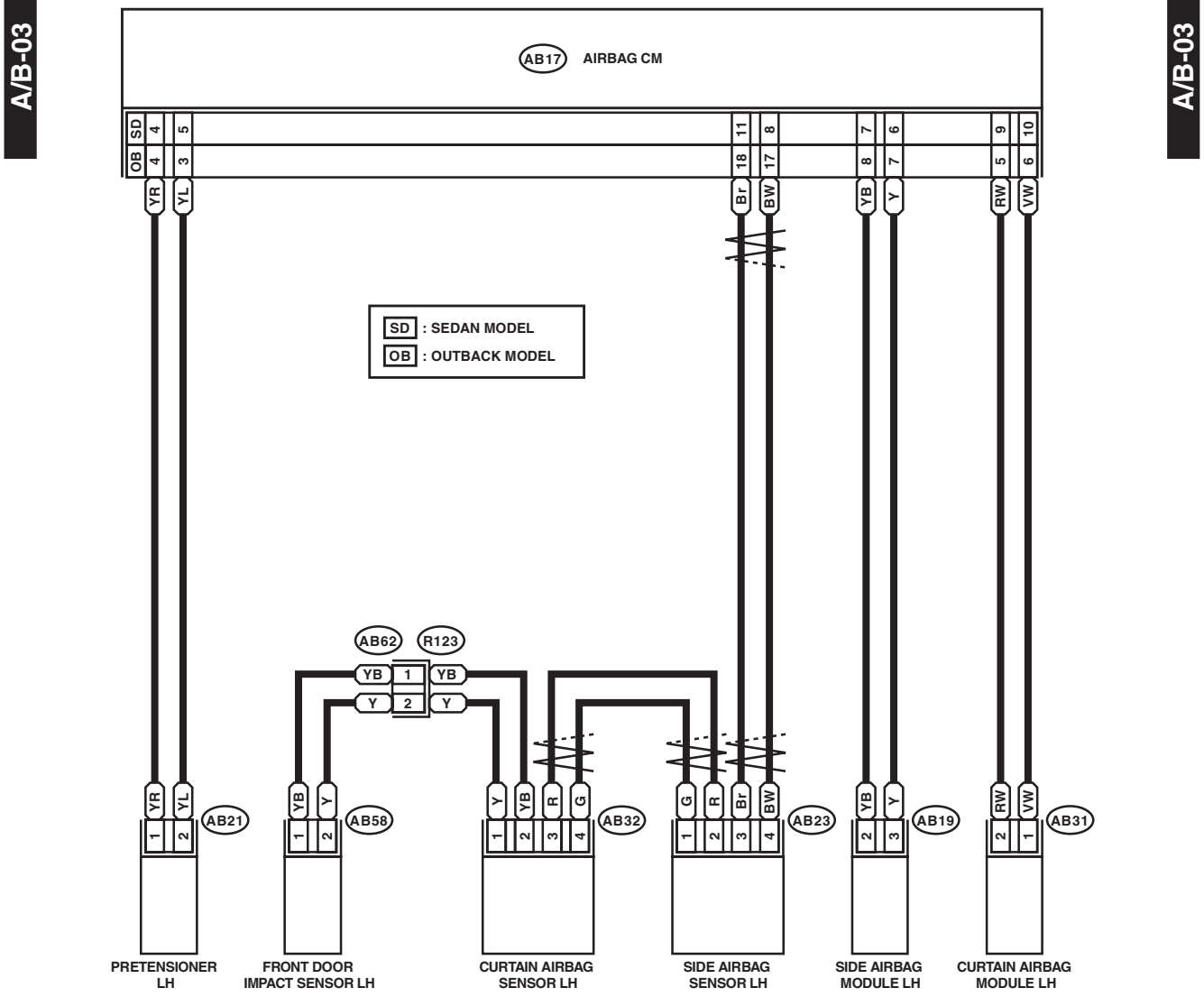


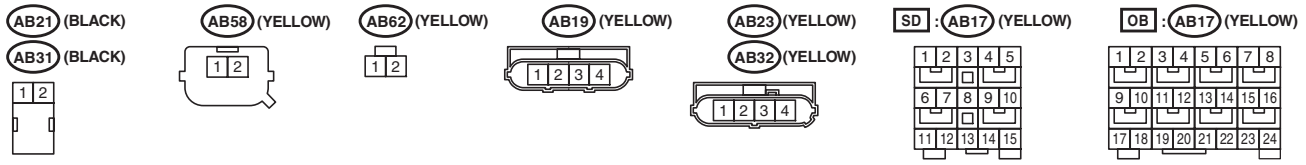
A/B-02

WI-33179

GETtheMANUALS.org

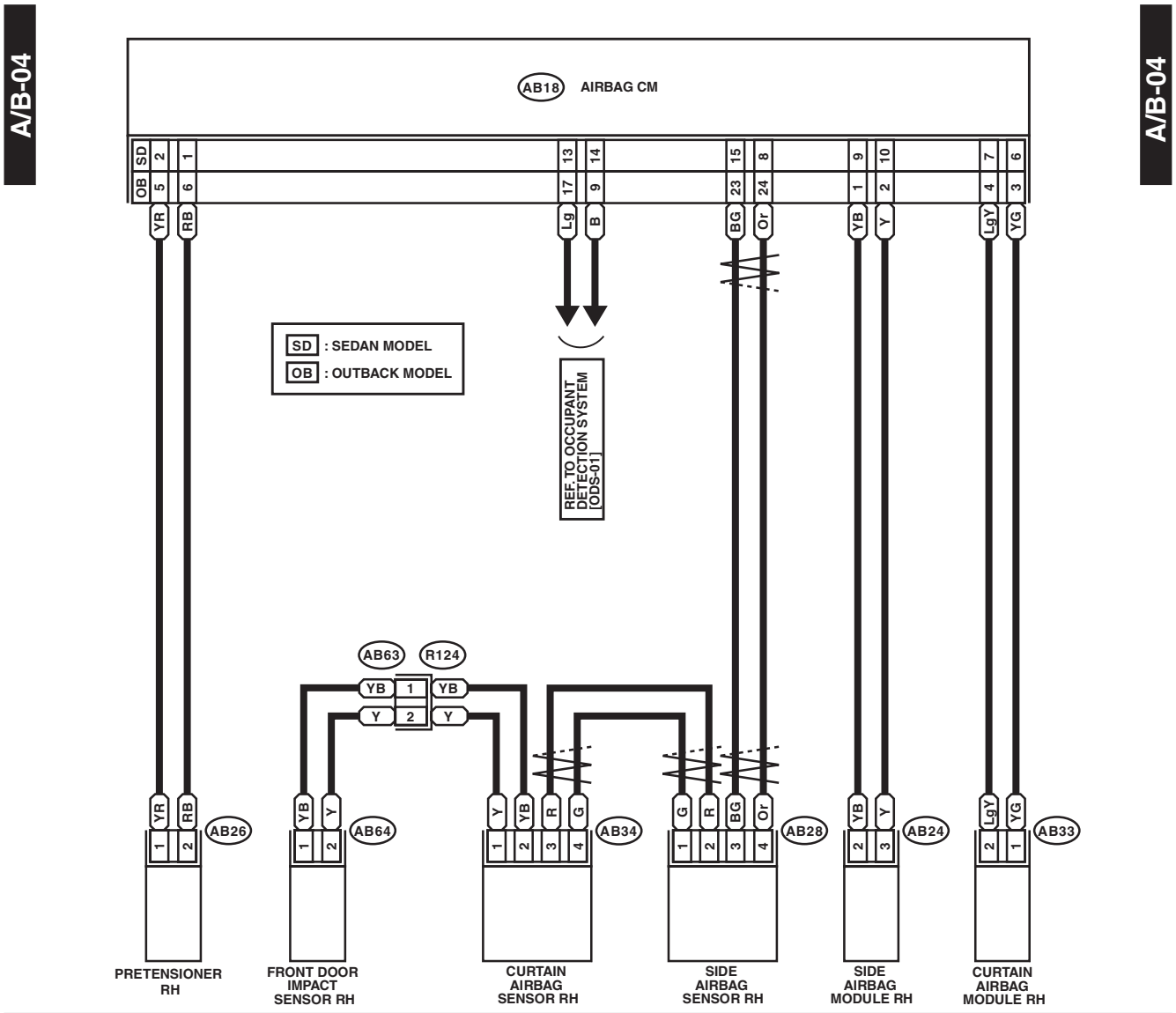
A/B-03





WI-33180

GETtheMANUALS.org



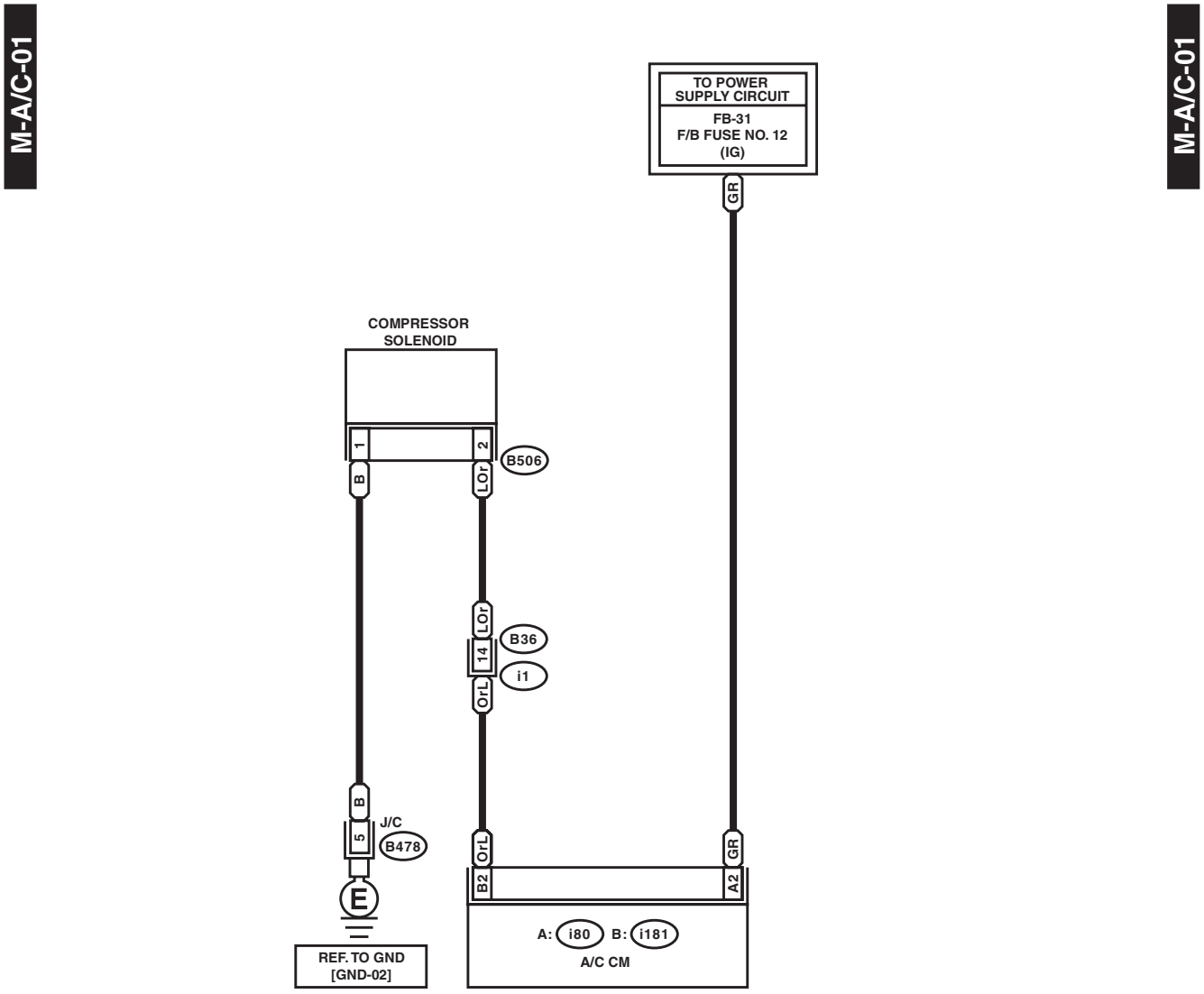
WI-29316

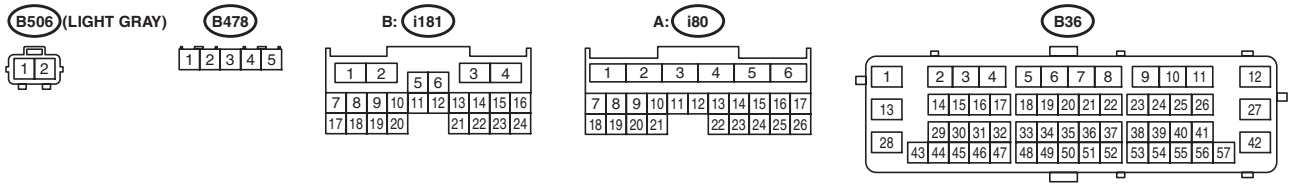
GETtheMANUALS.org

6. Air Conditioning System

A: WIRING DIAGRAM

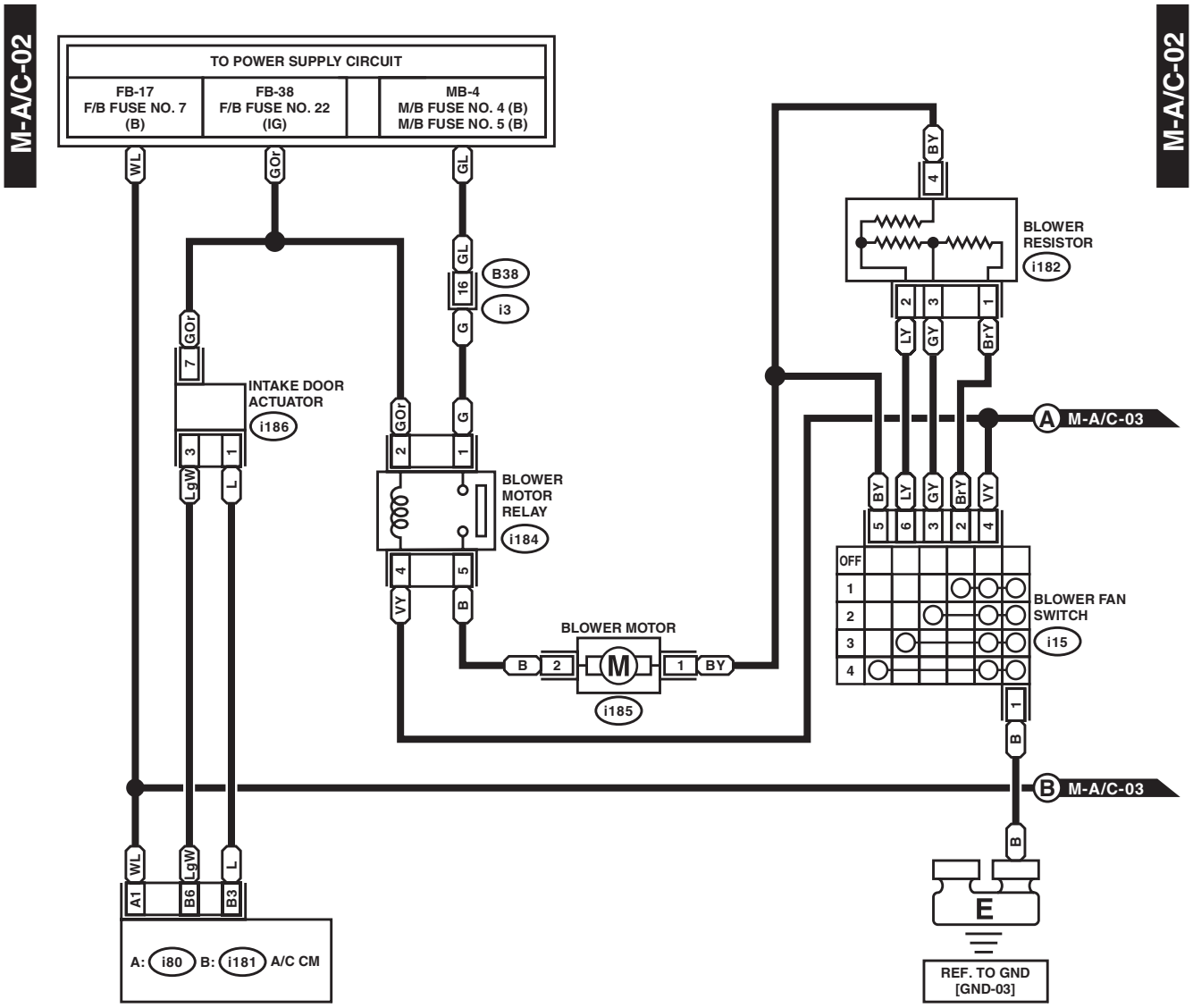
1. MANUAL A/C

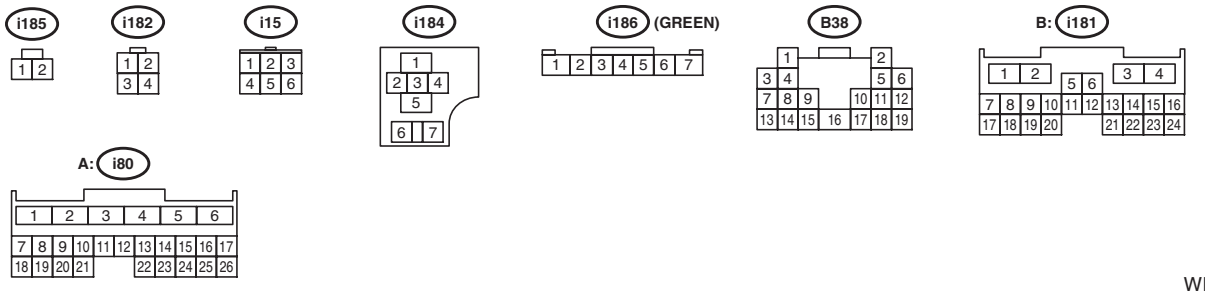




WI-25416

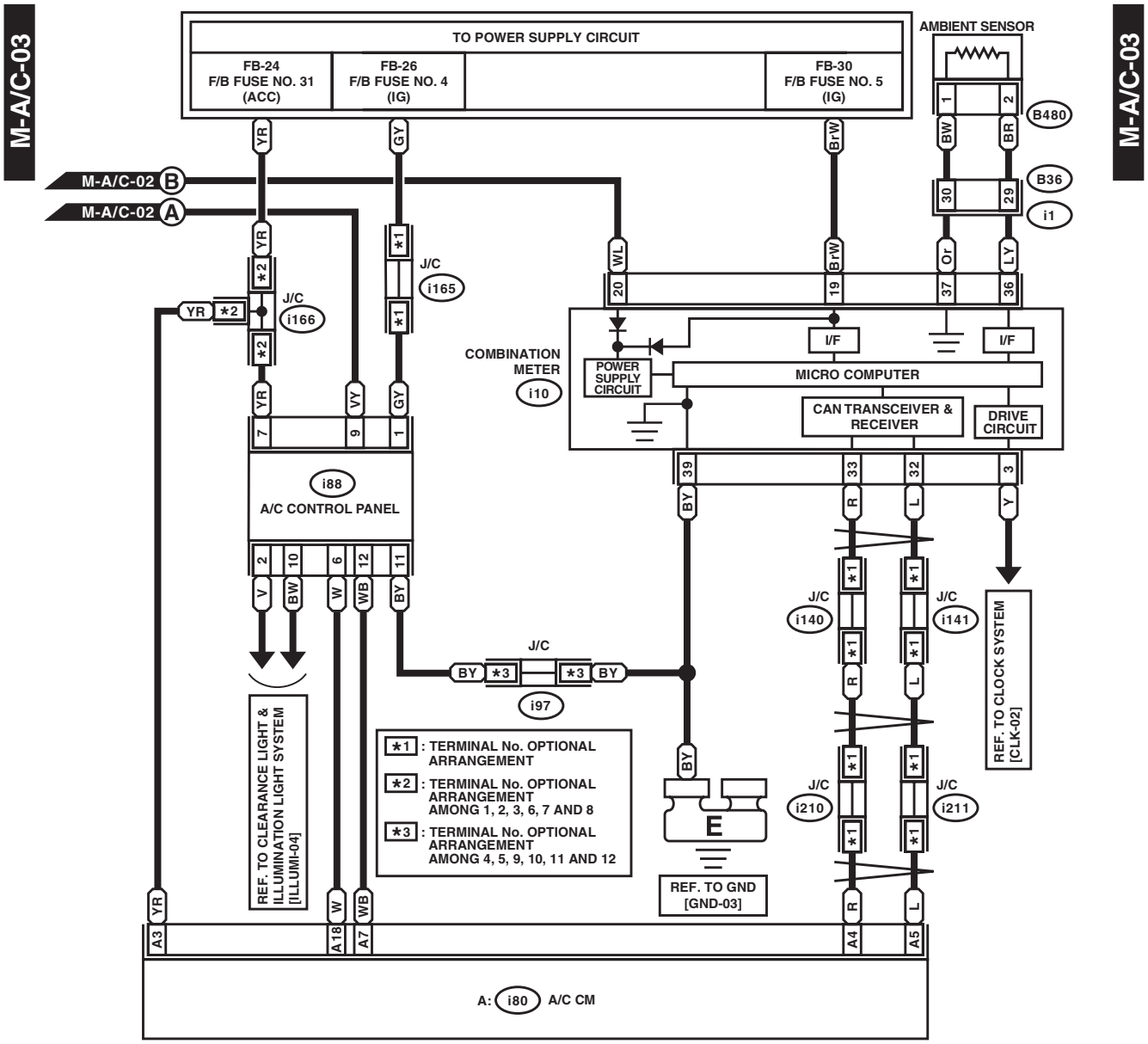
GETtheMANUALS.org

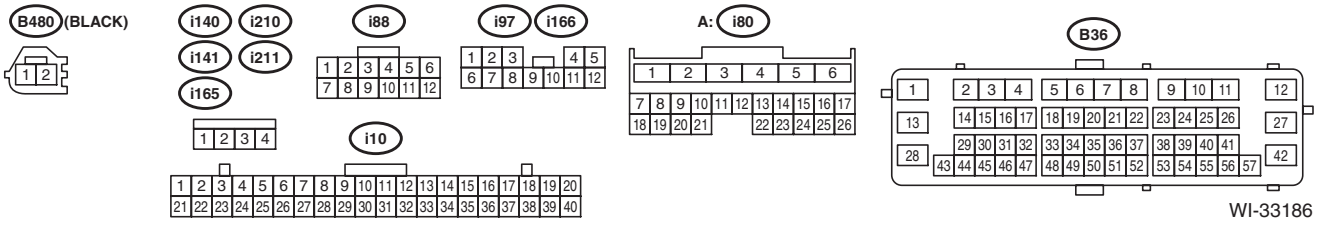




WI-33852

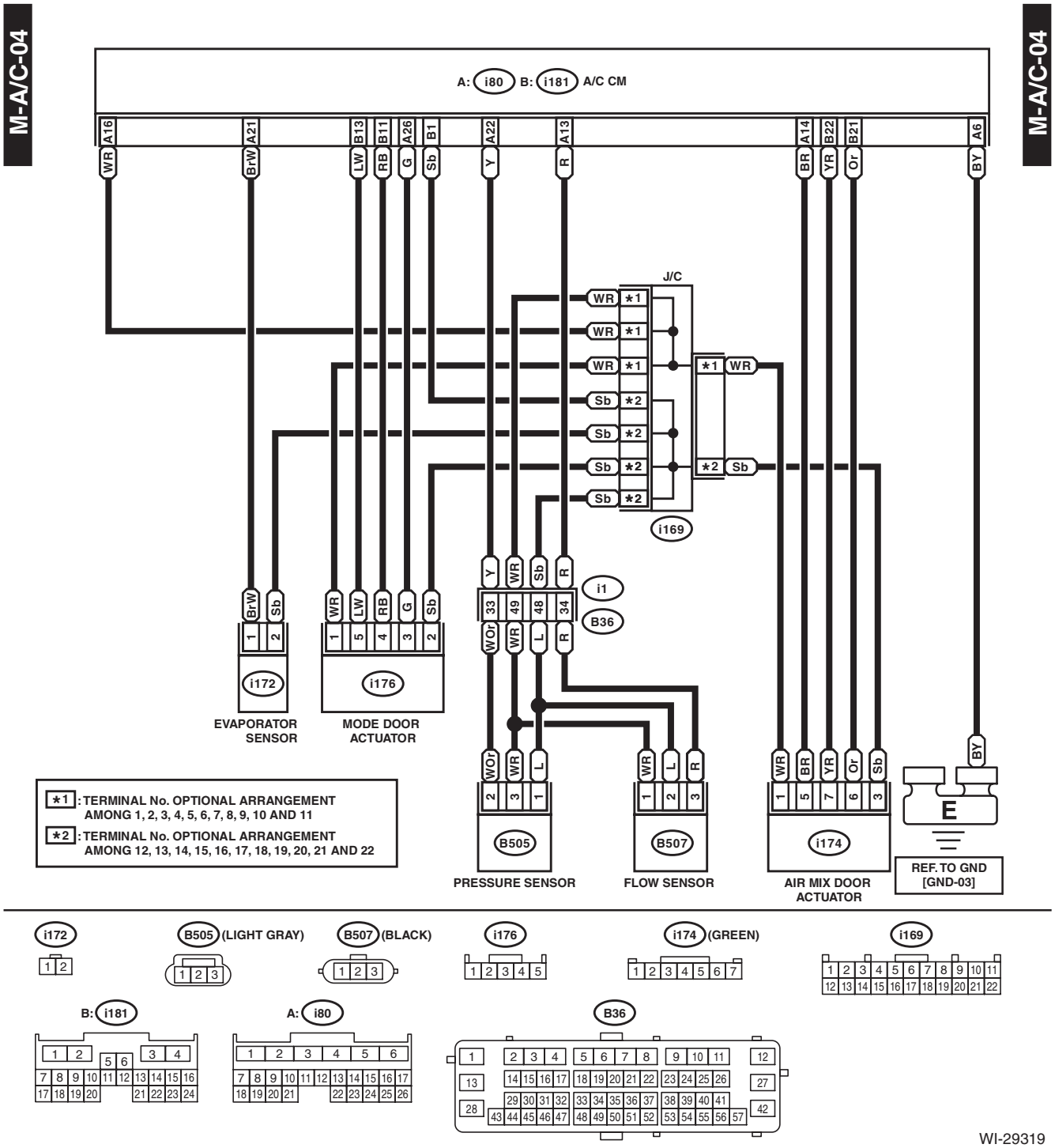
GETtheMANUALS.org





WI-33186

GETtheMANUALS.org



WI-29319

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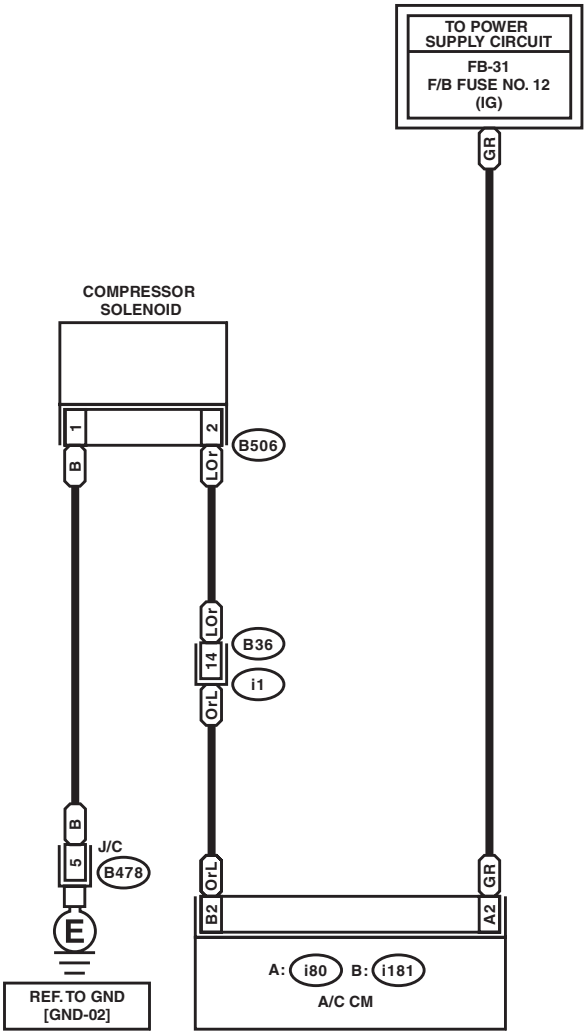
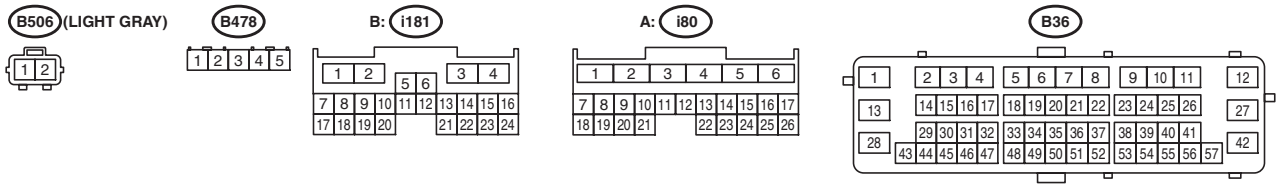
2. AUTO A/C

A-A/C-01

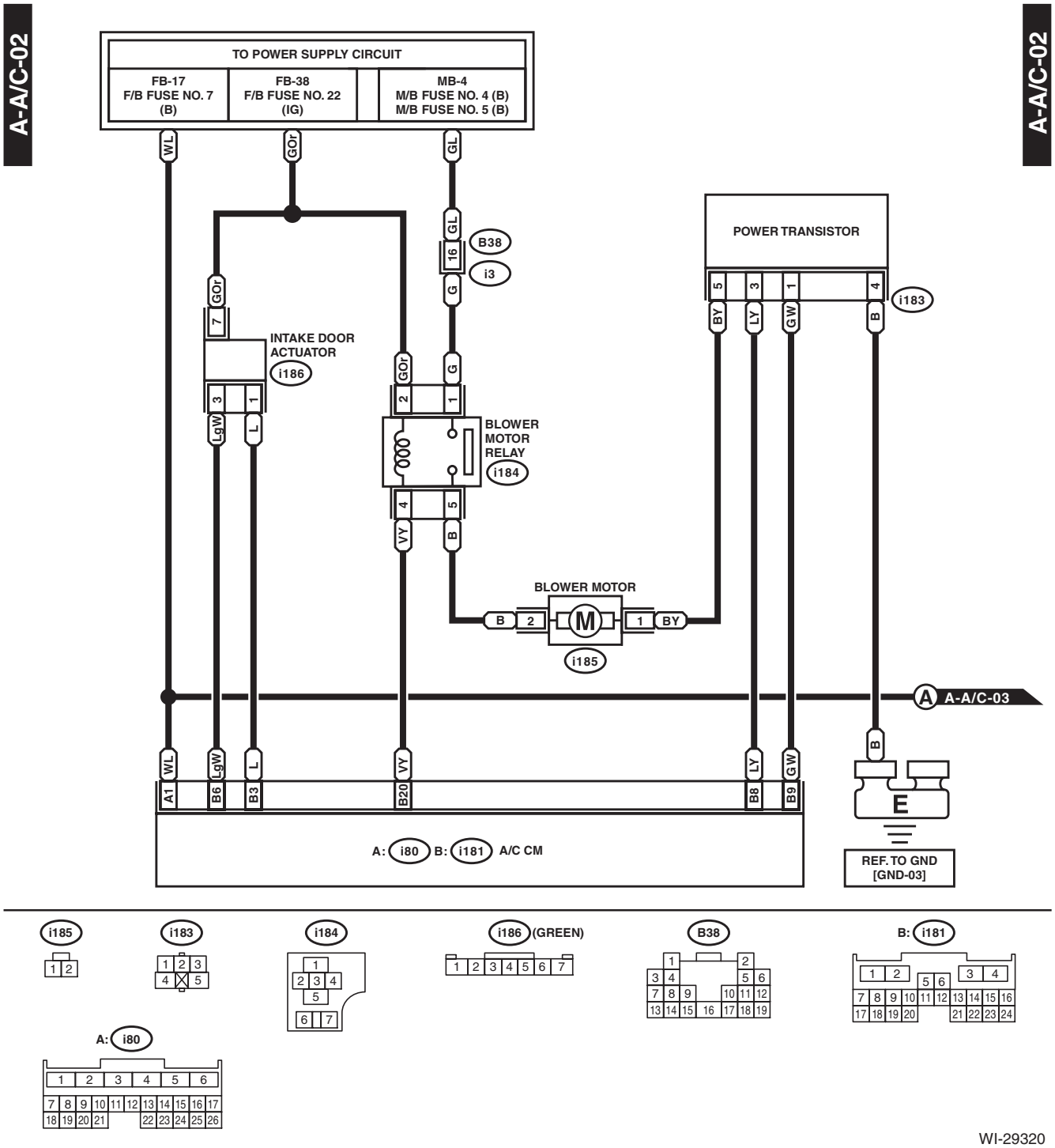


A-A/C-01



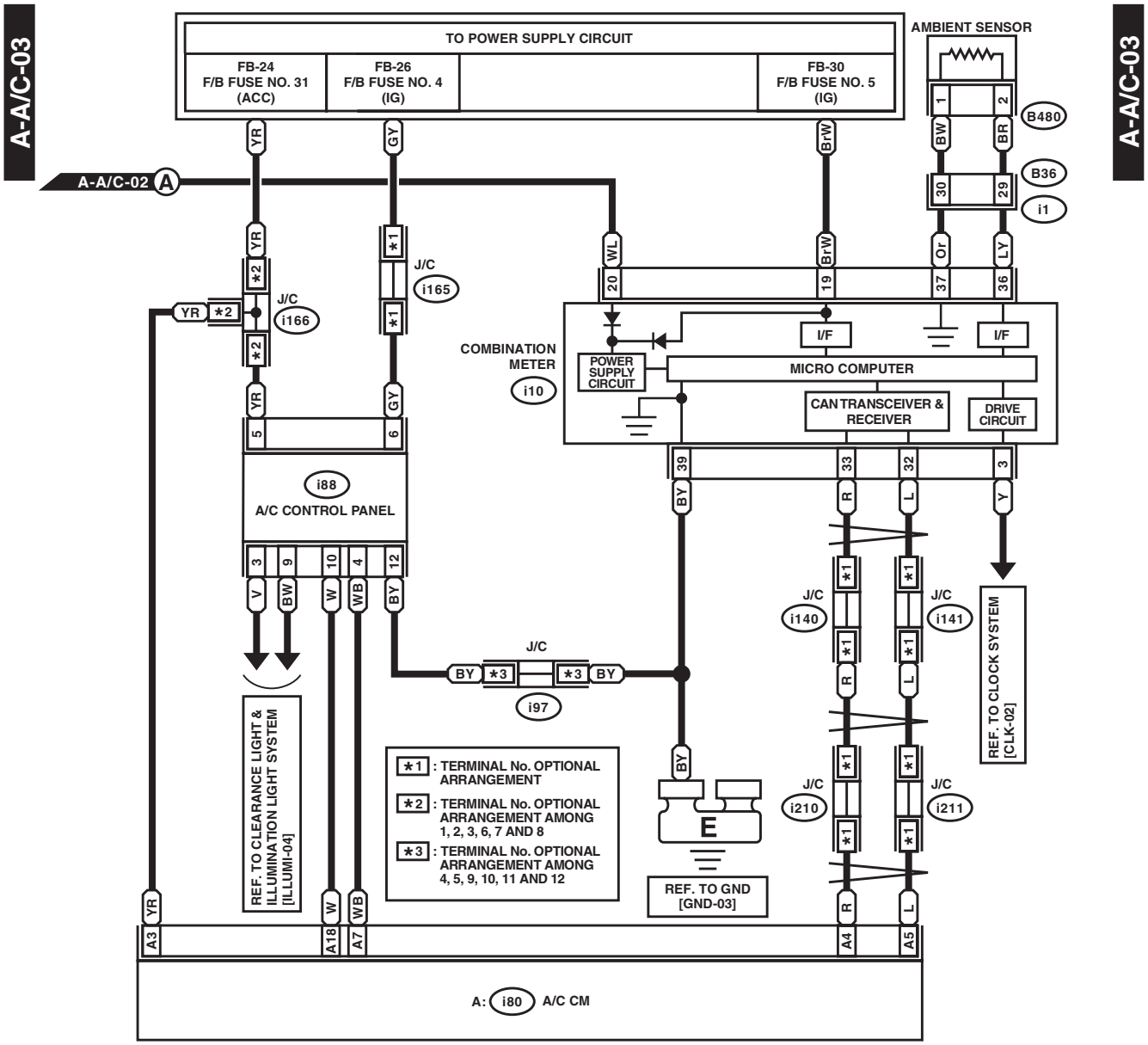
WI-25421

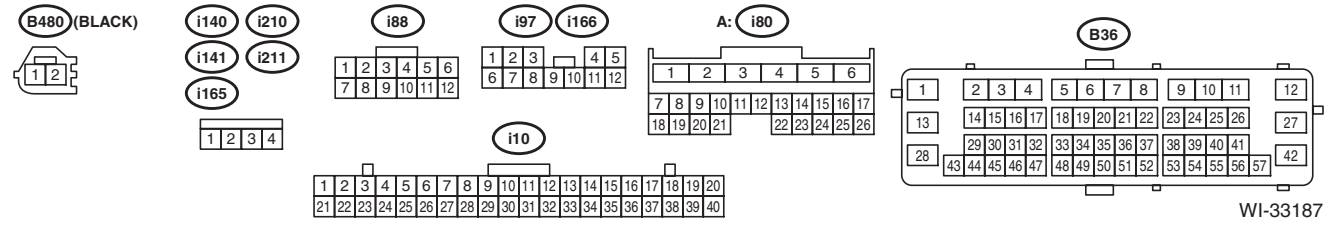
GETtheMANUALS.org



WI-29320

GETtheMANUALS.org





WI-33187

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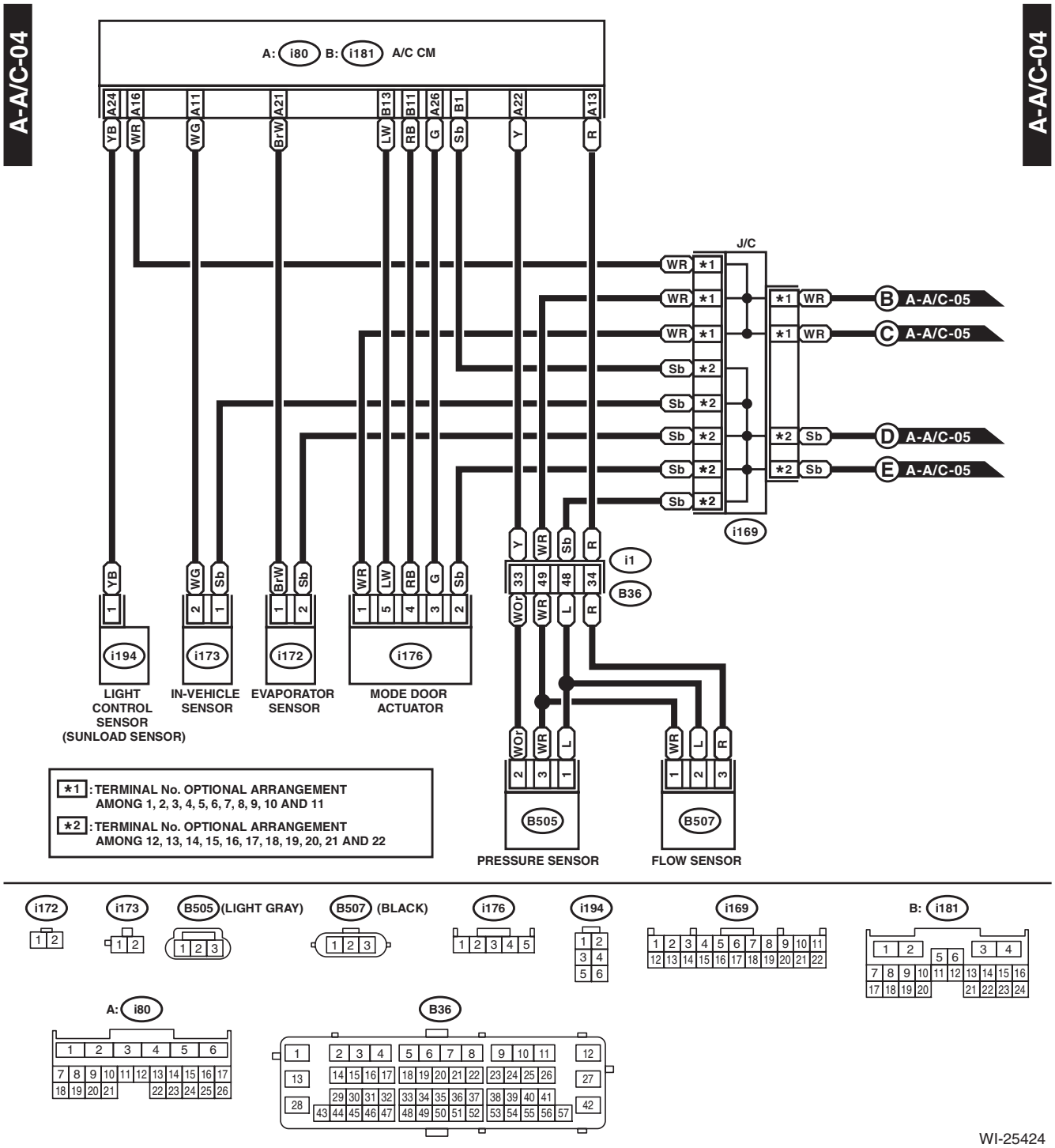
WIRING SYSTEM



WI-25424

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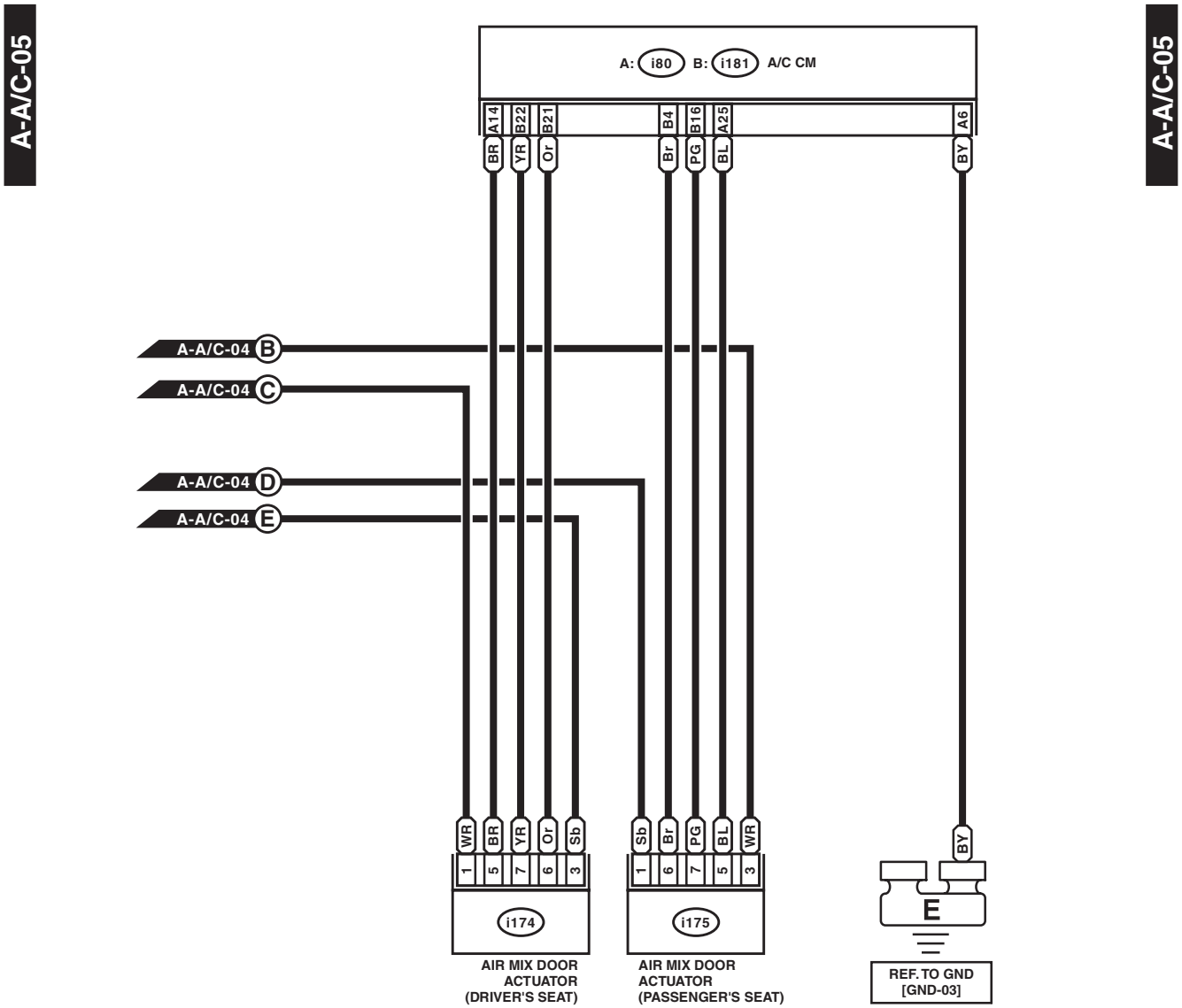
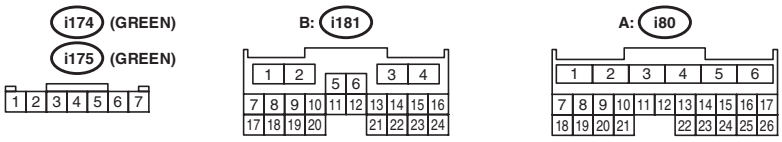


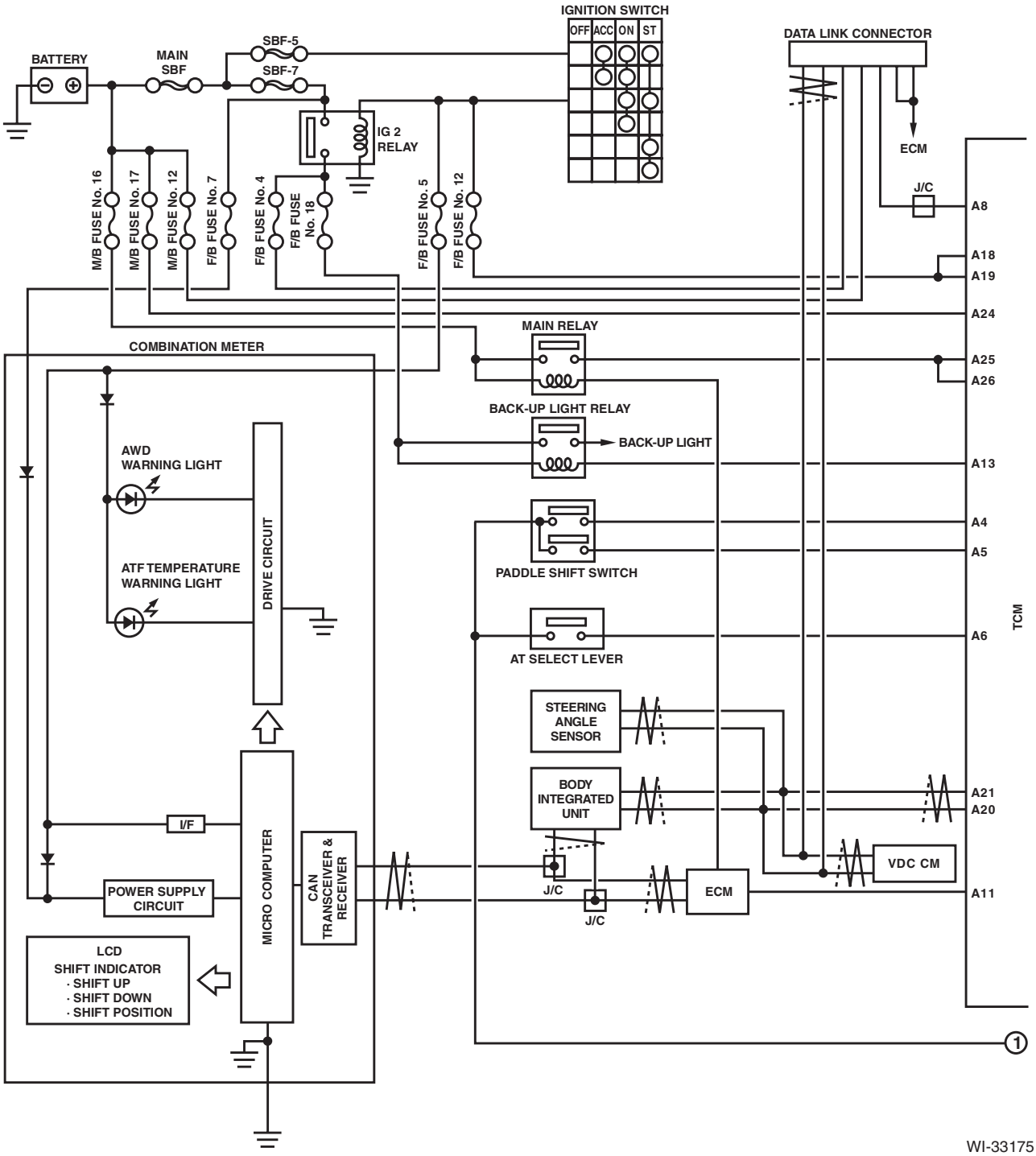


WI-29322

GETtheMANUALS.org

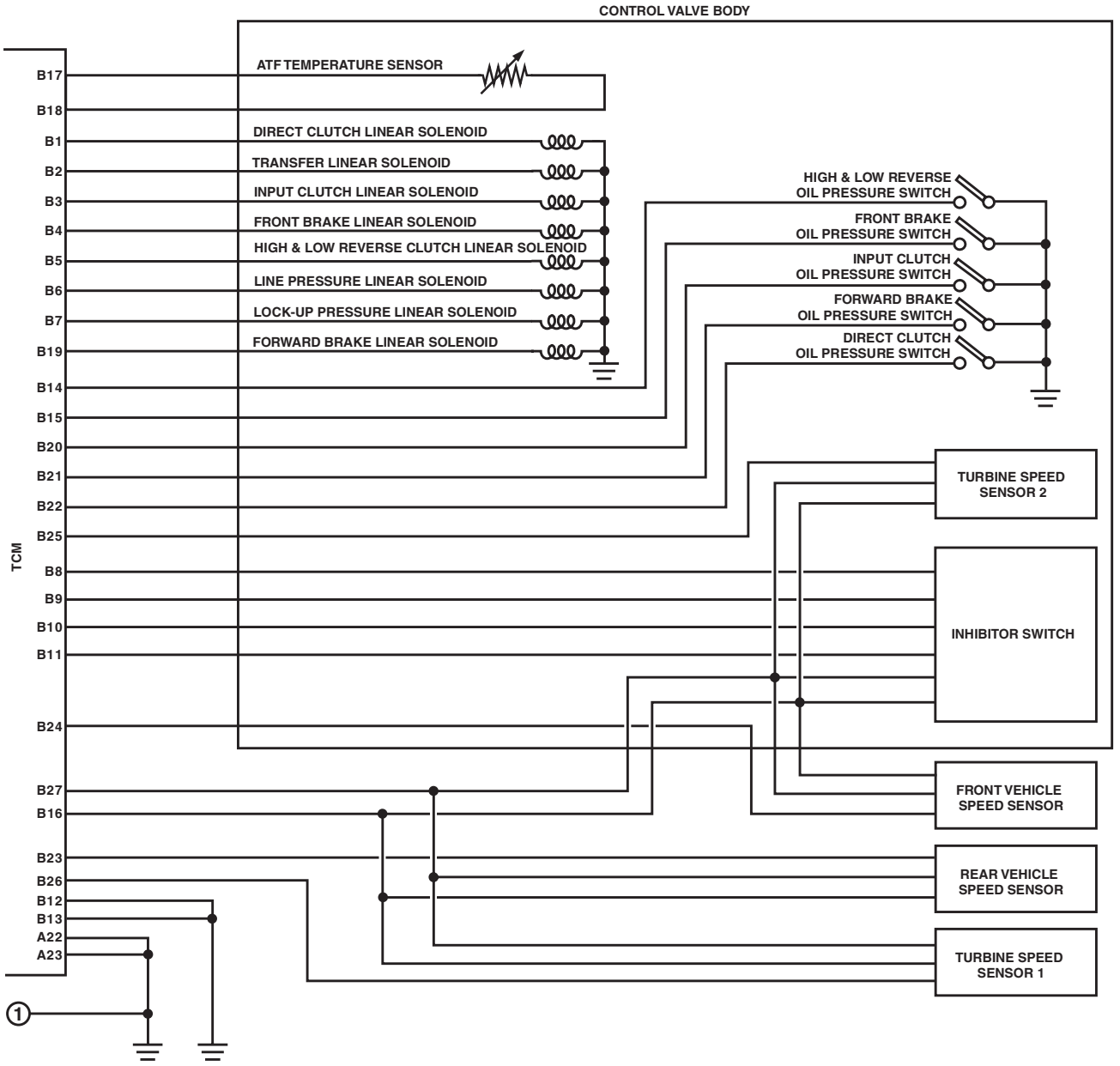
7. AT Control System

A: WIRING DIAGRAM



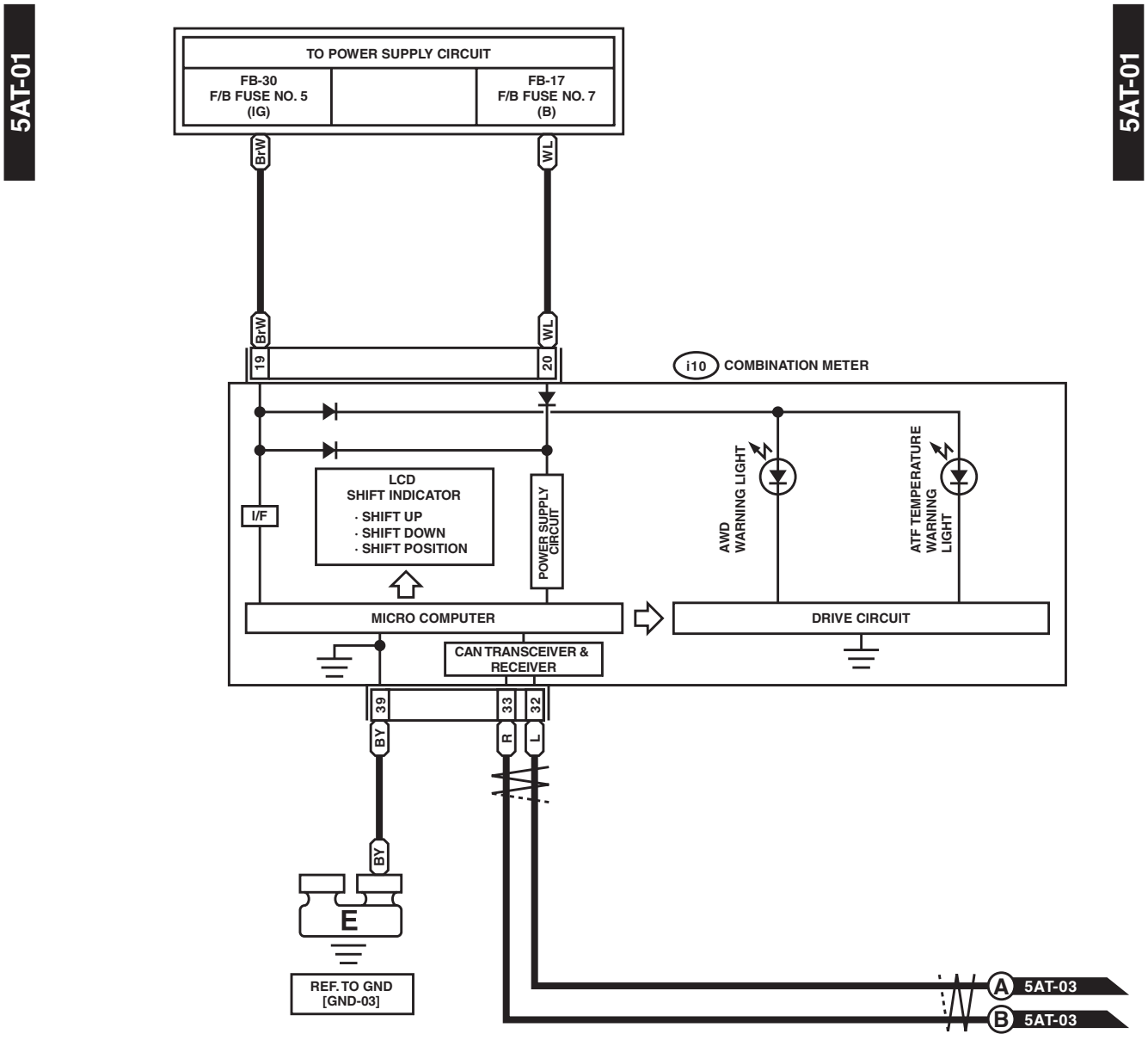
WI-33175

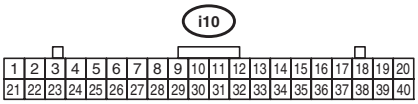
GETtheMANUALS.org



WI-25427

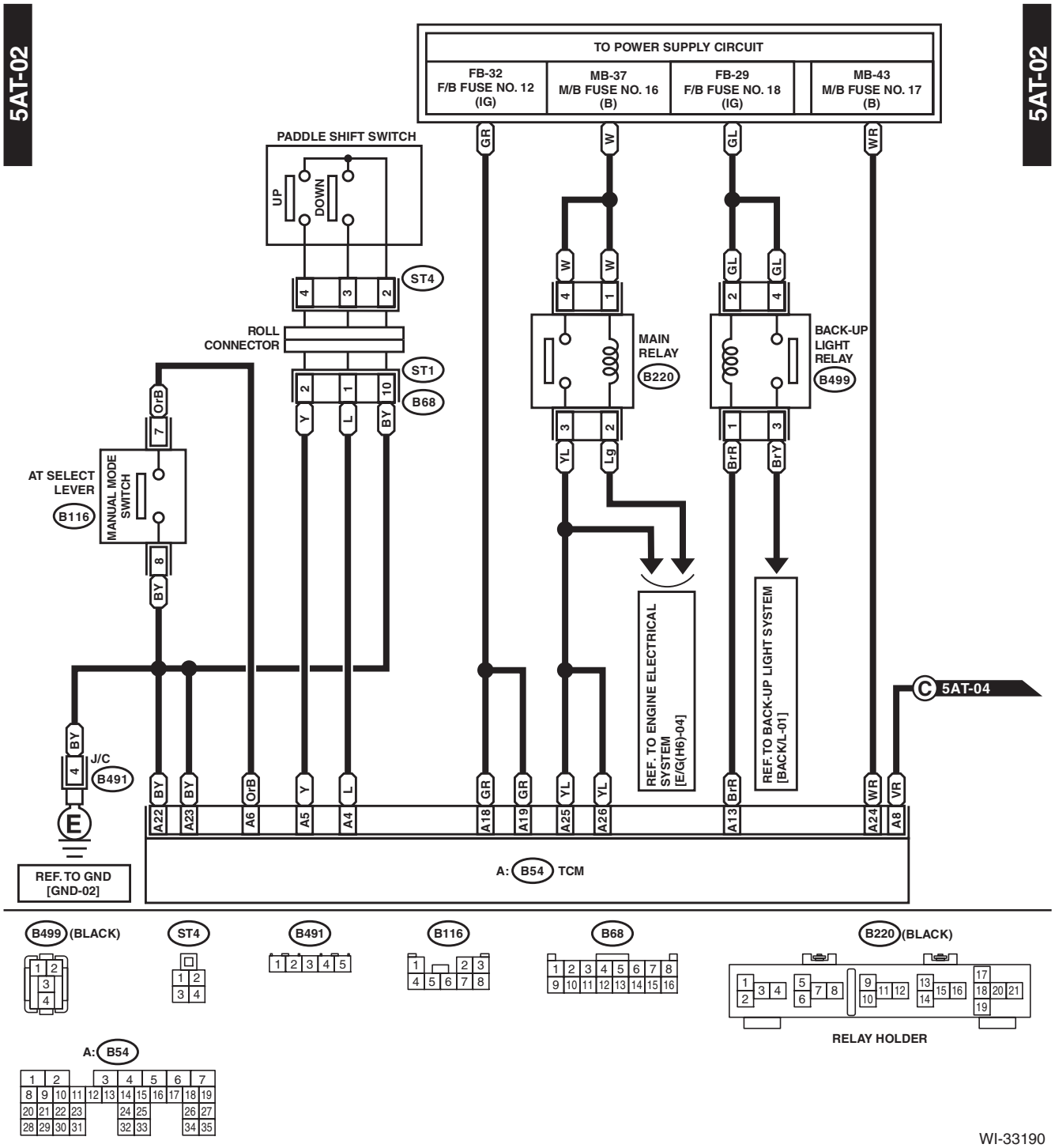
GETtheMANUALS.org





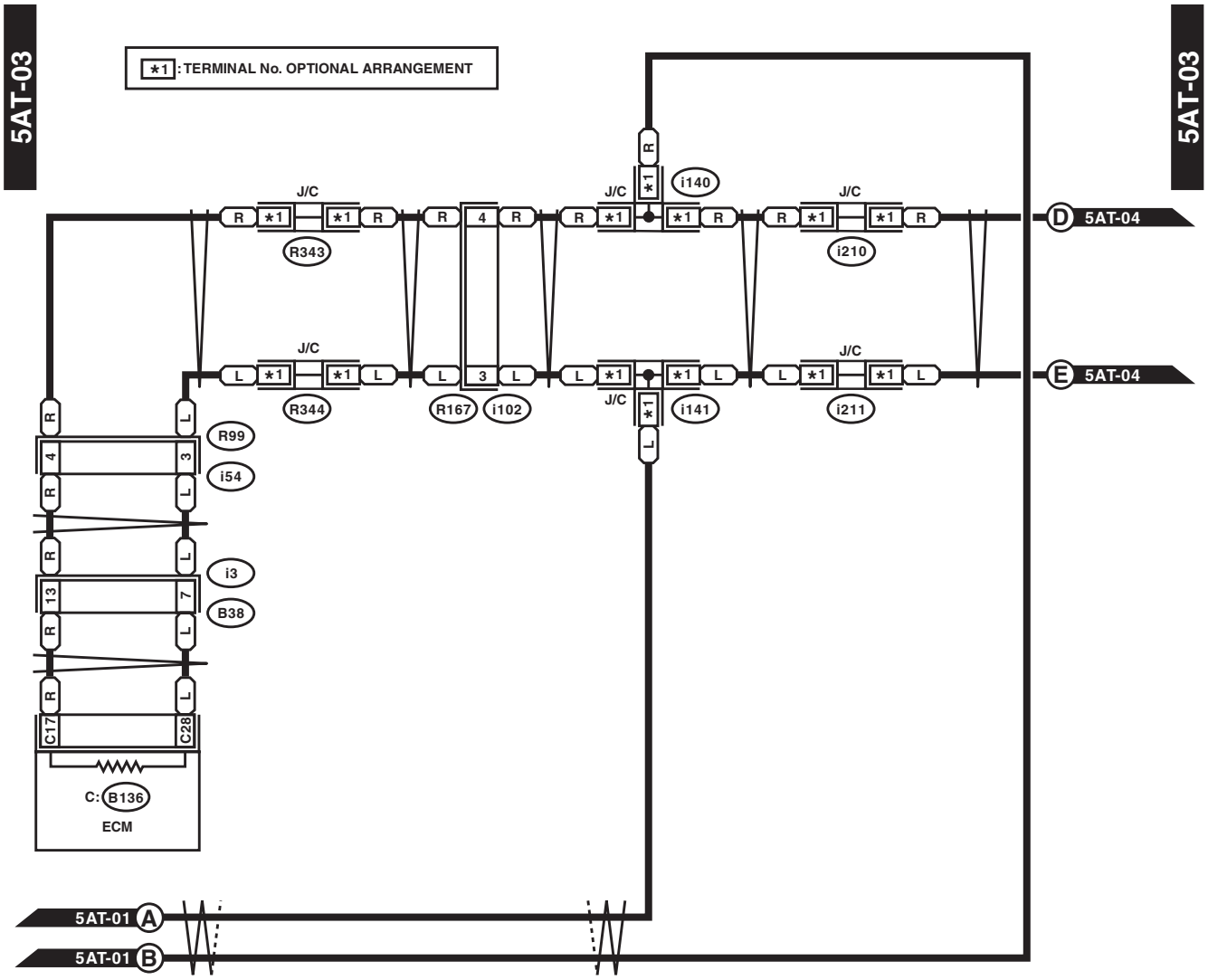
WI-29324

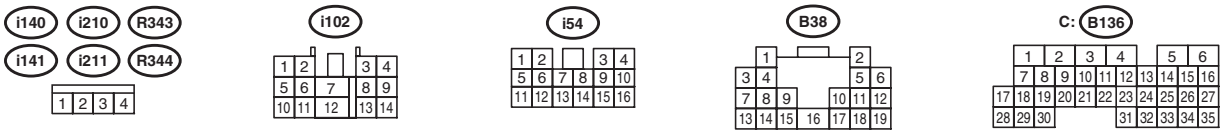
GETtheMANUALS.org



WI-33190

GETtheMANUALS.org





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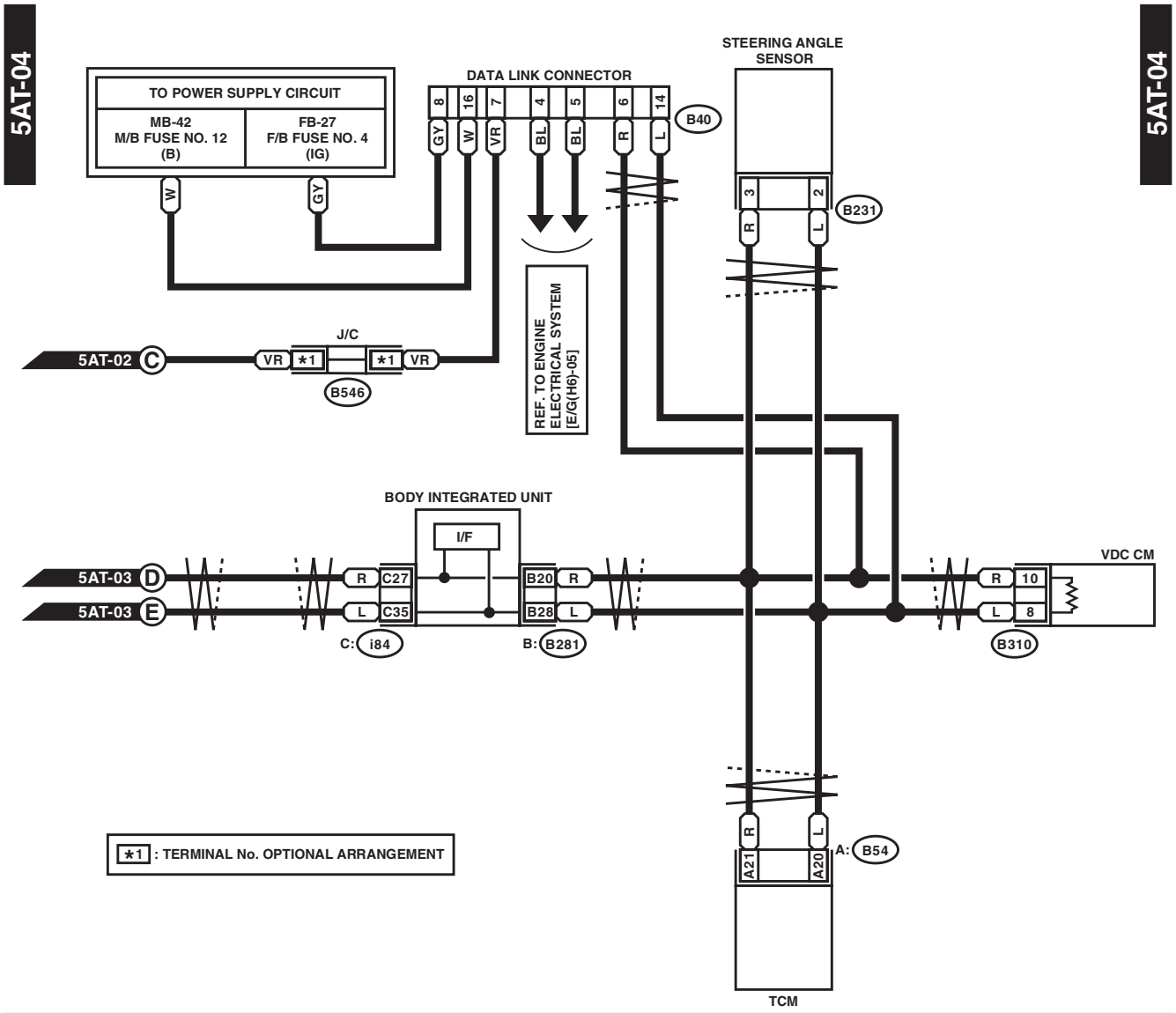
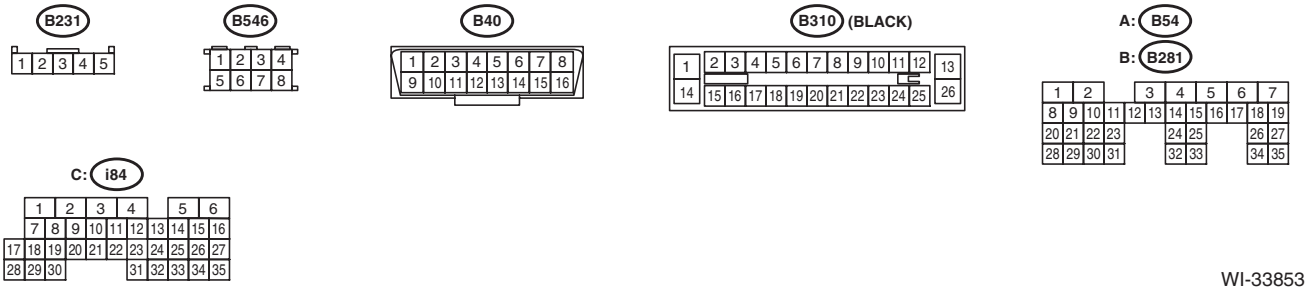
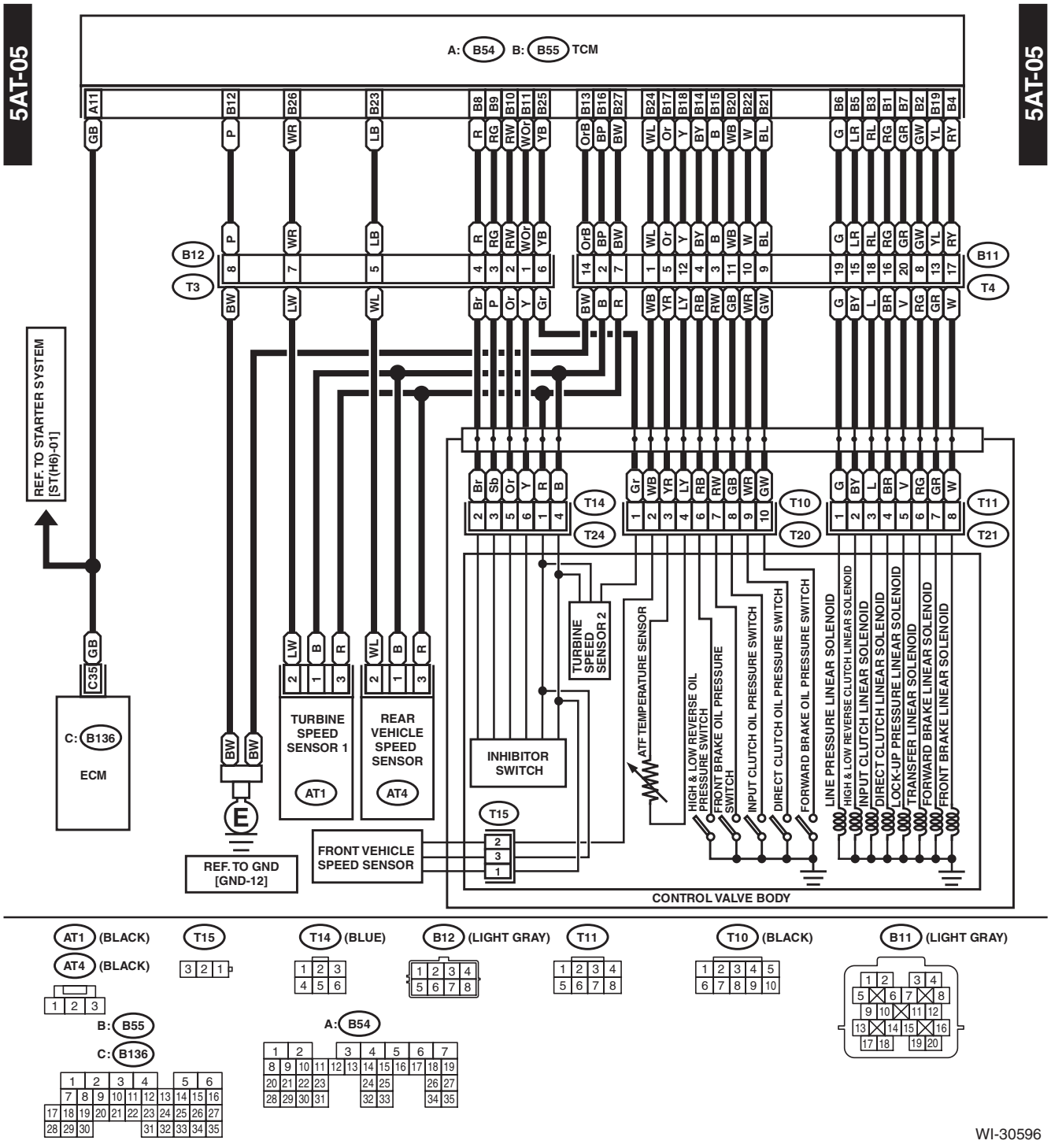




WI-33853

GETtheMANUALS.org



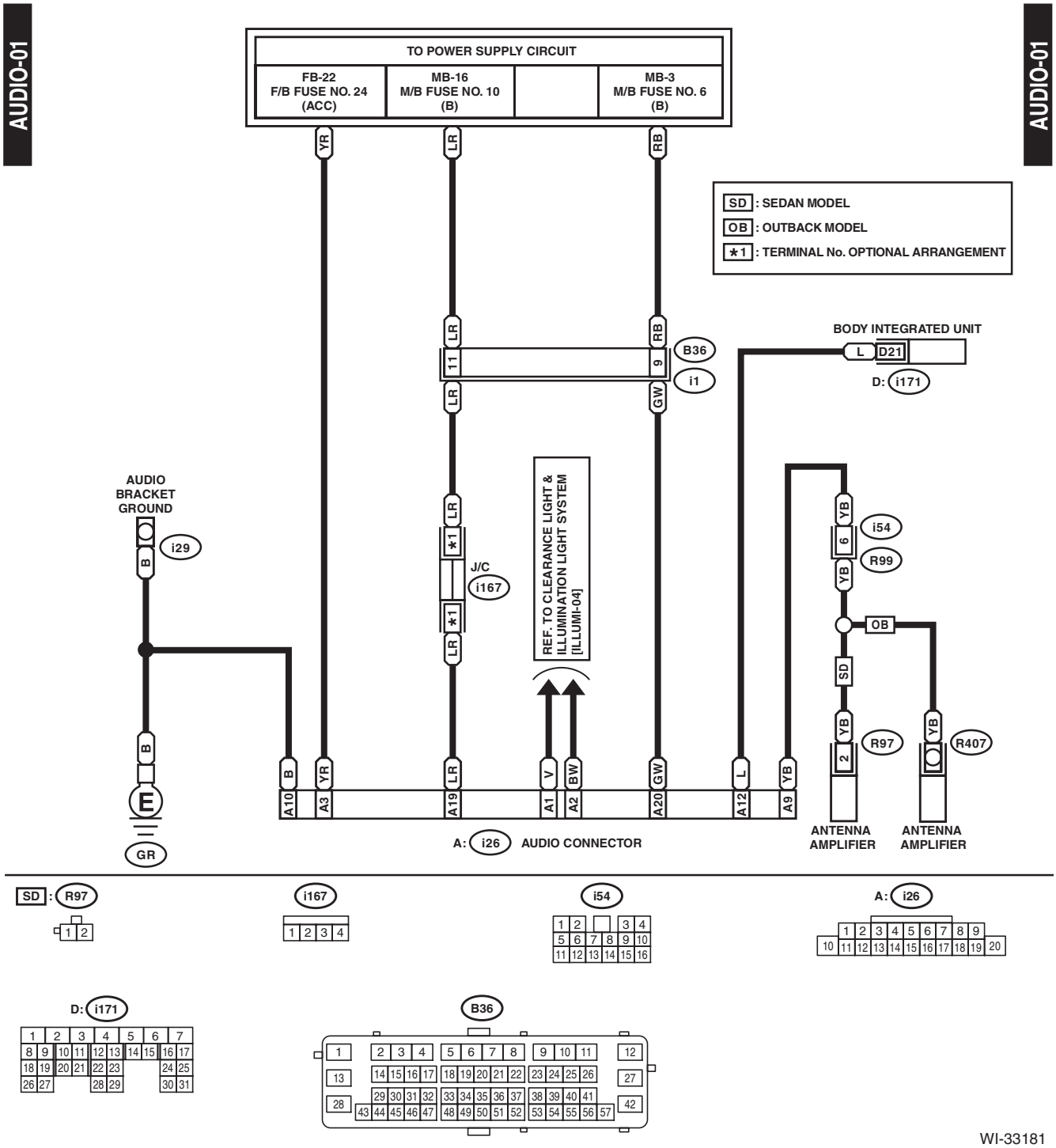
WI-30596

GETtheMANUALS.org

8. Audio System

A: WIRING DIAGRAM

1. WITHOUT AUDIO



WI-33181

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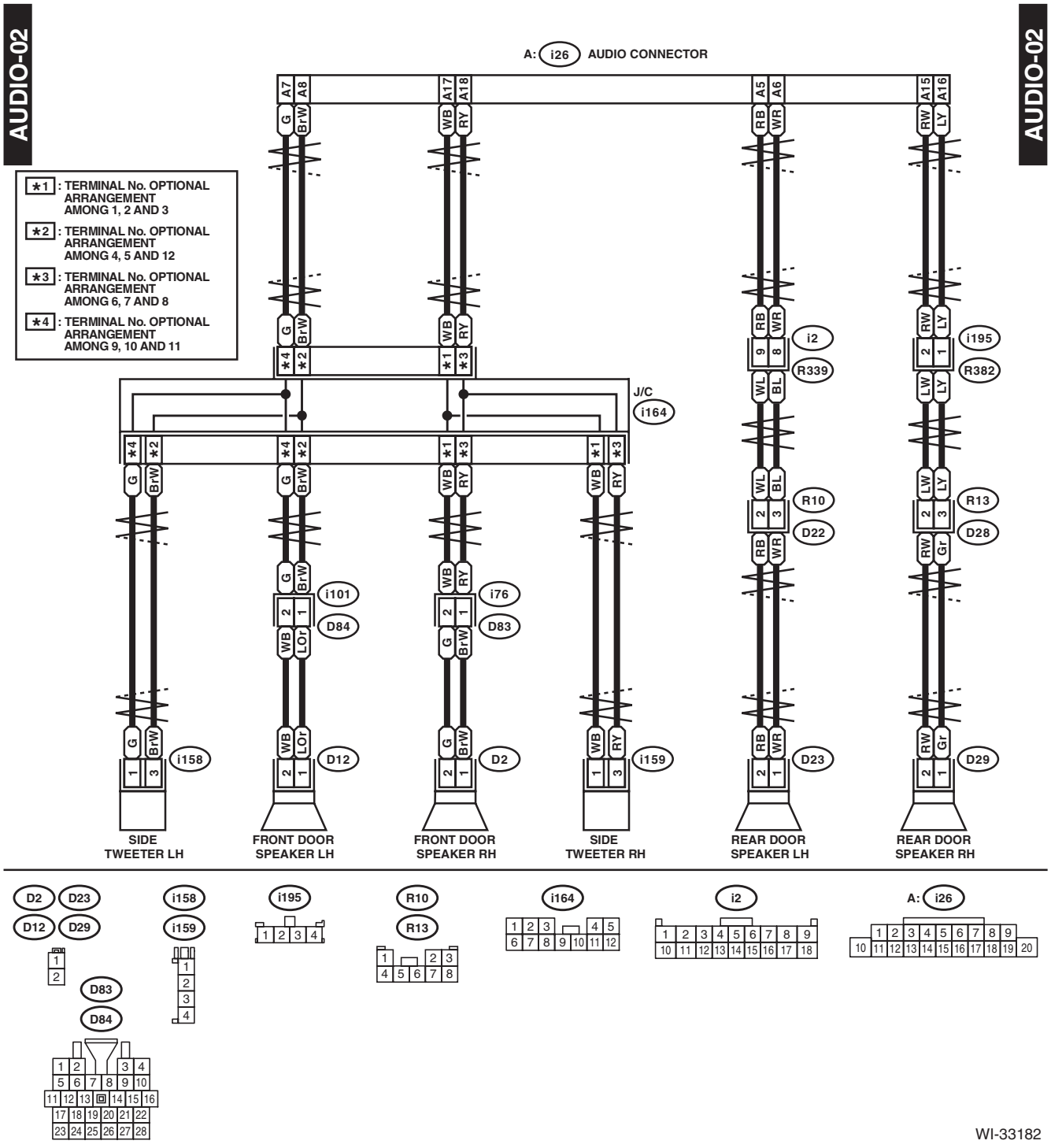
WIRING SYSTEM



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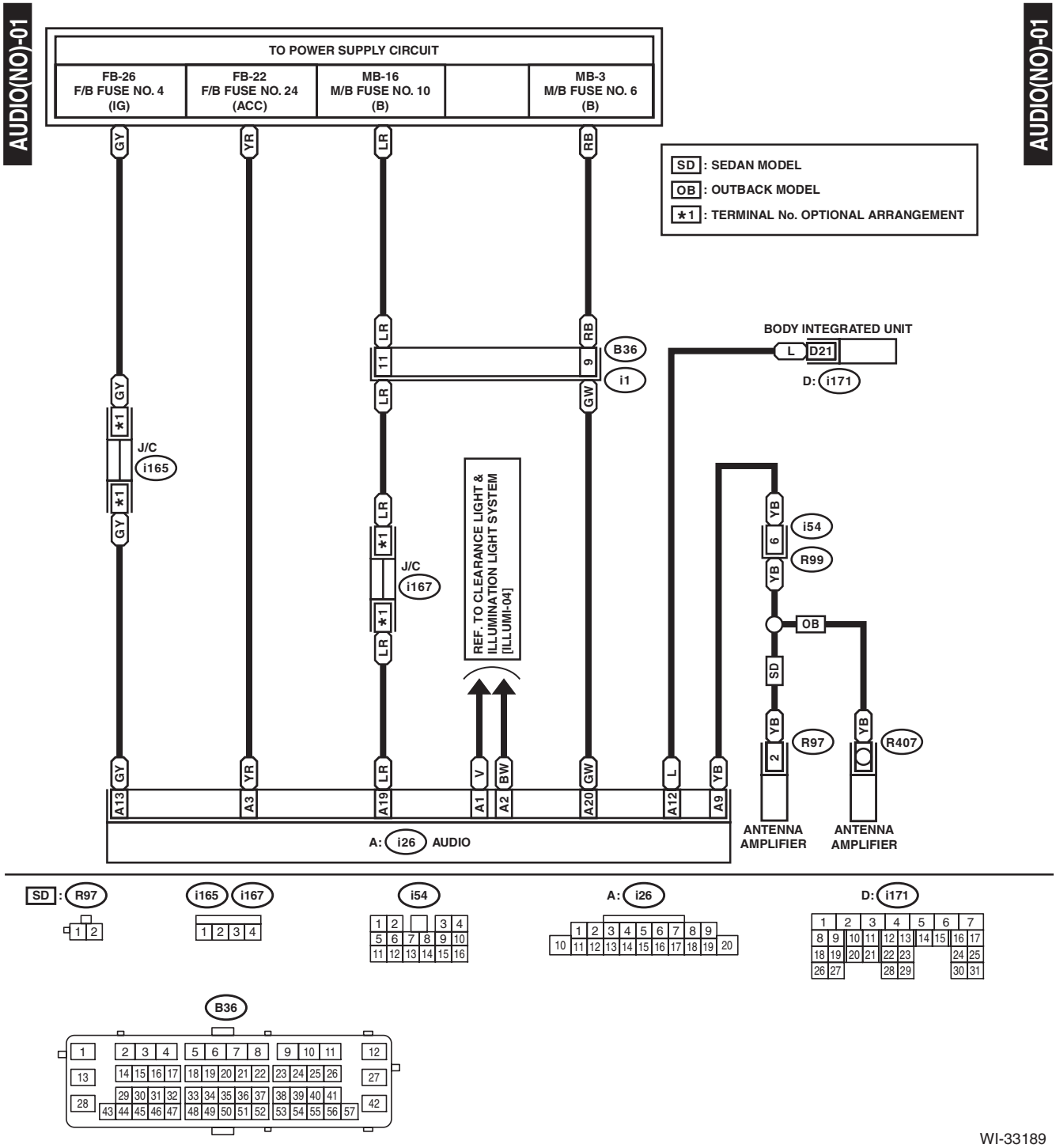
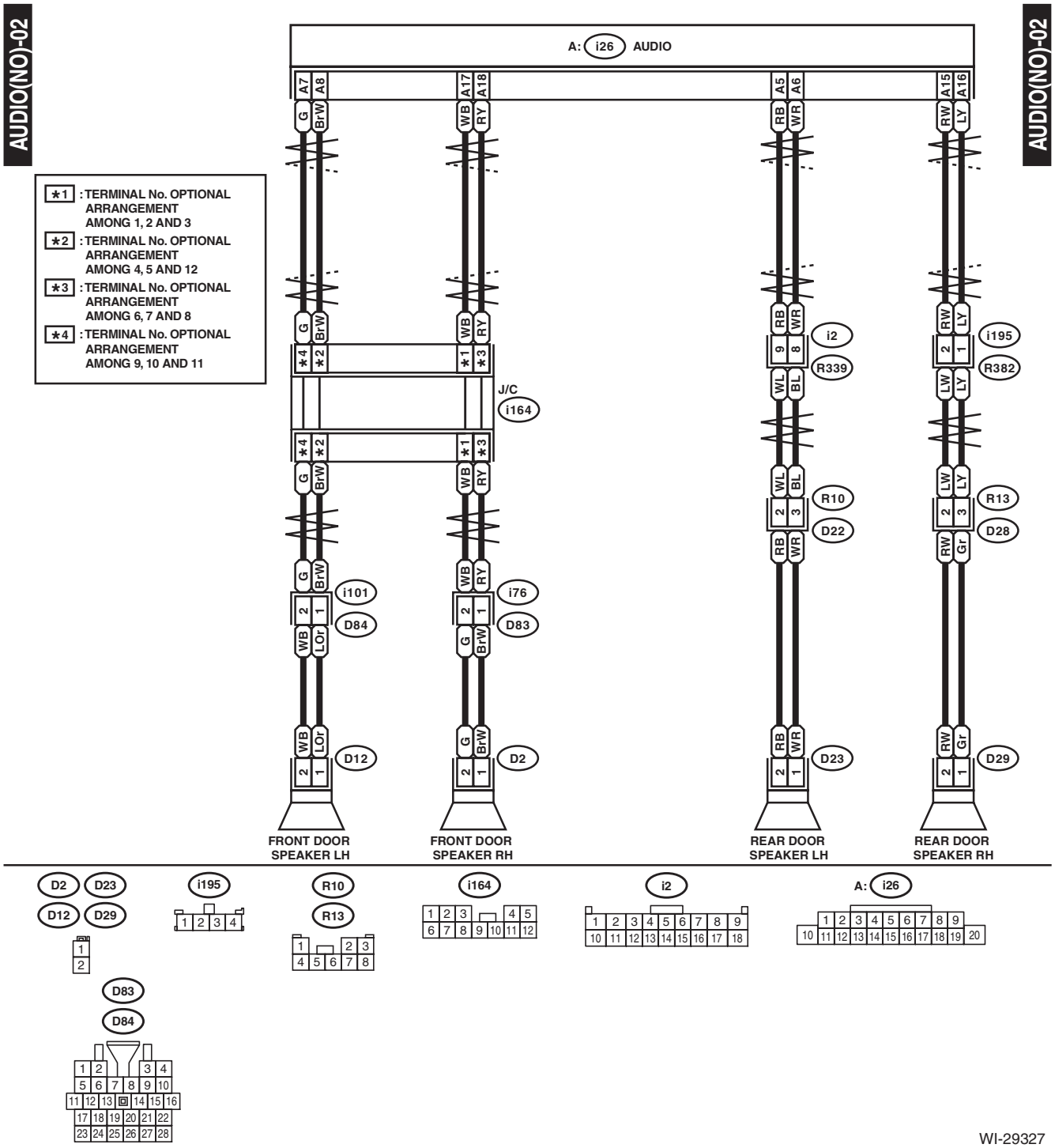
2. NORMAL AUDIO

- **Without handsfree microphone**



WI-33189

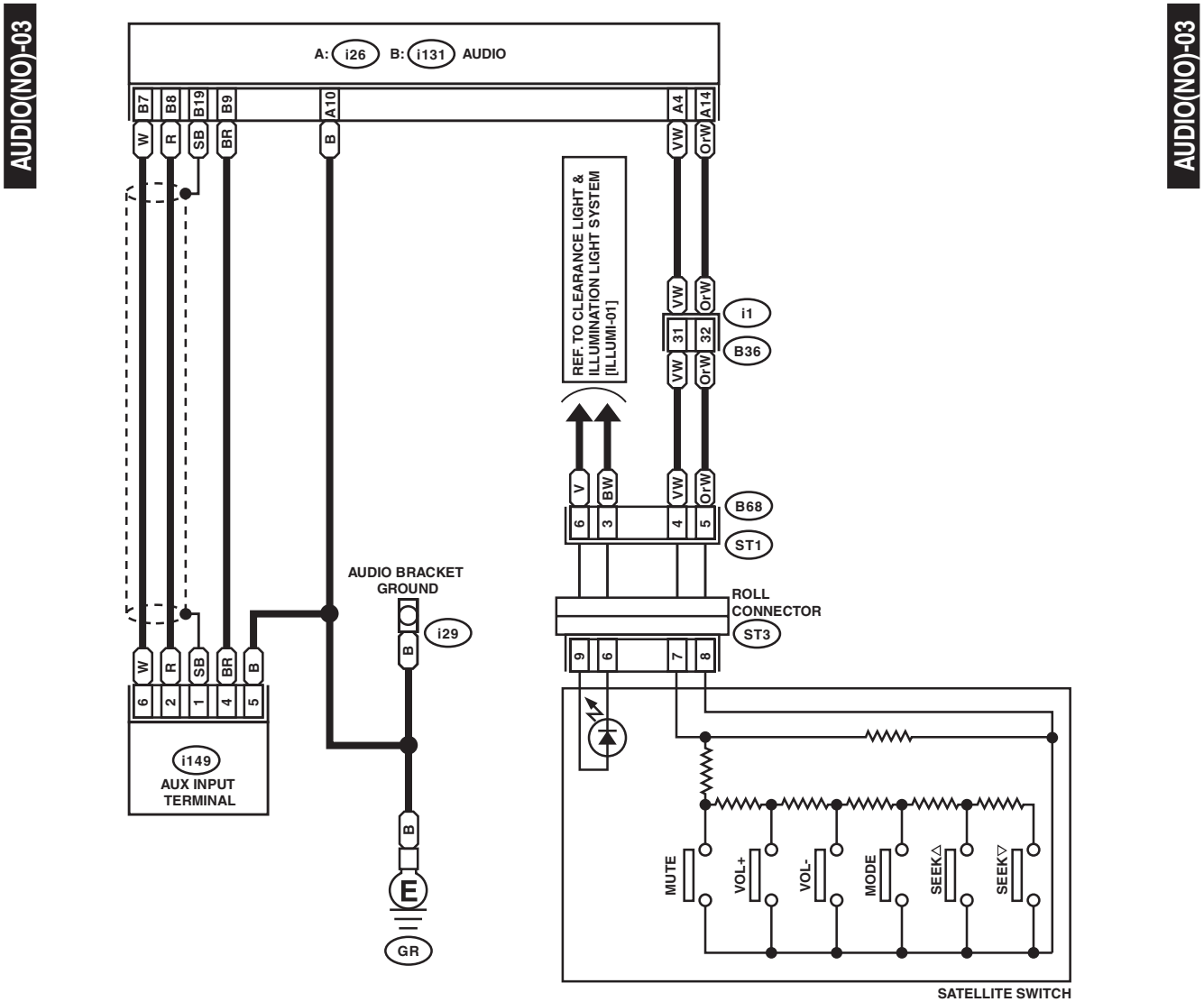
GETtheMANUALS.org

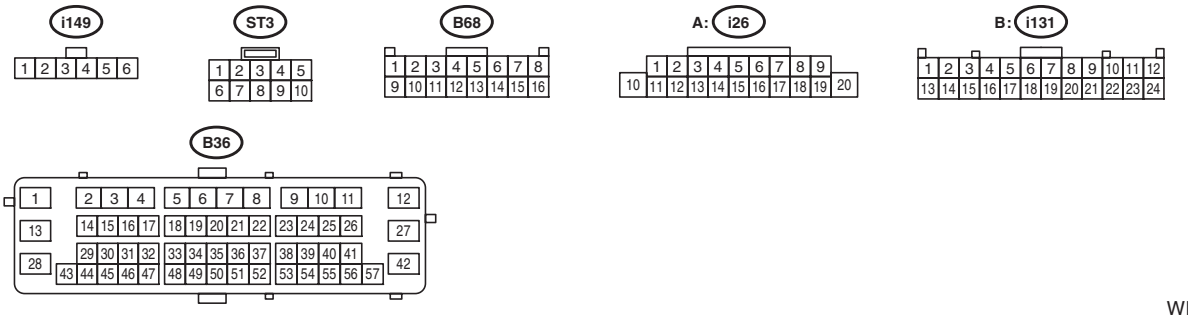


WI-29327

GETtheMANUALS.org

AUDIO(NO)-03





WI-25436

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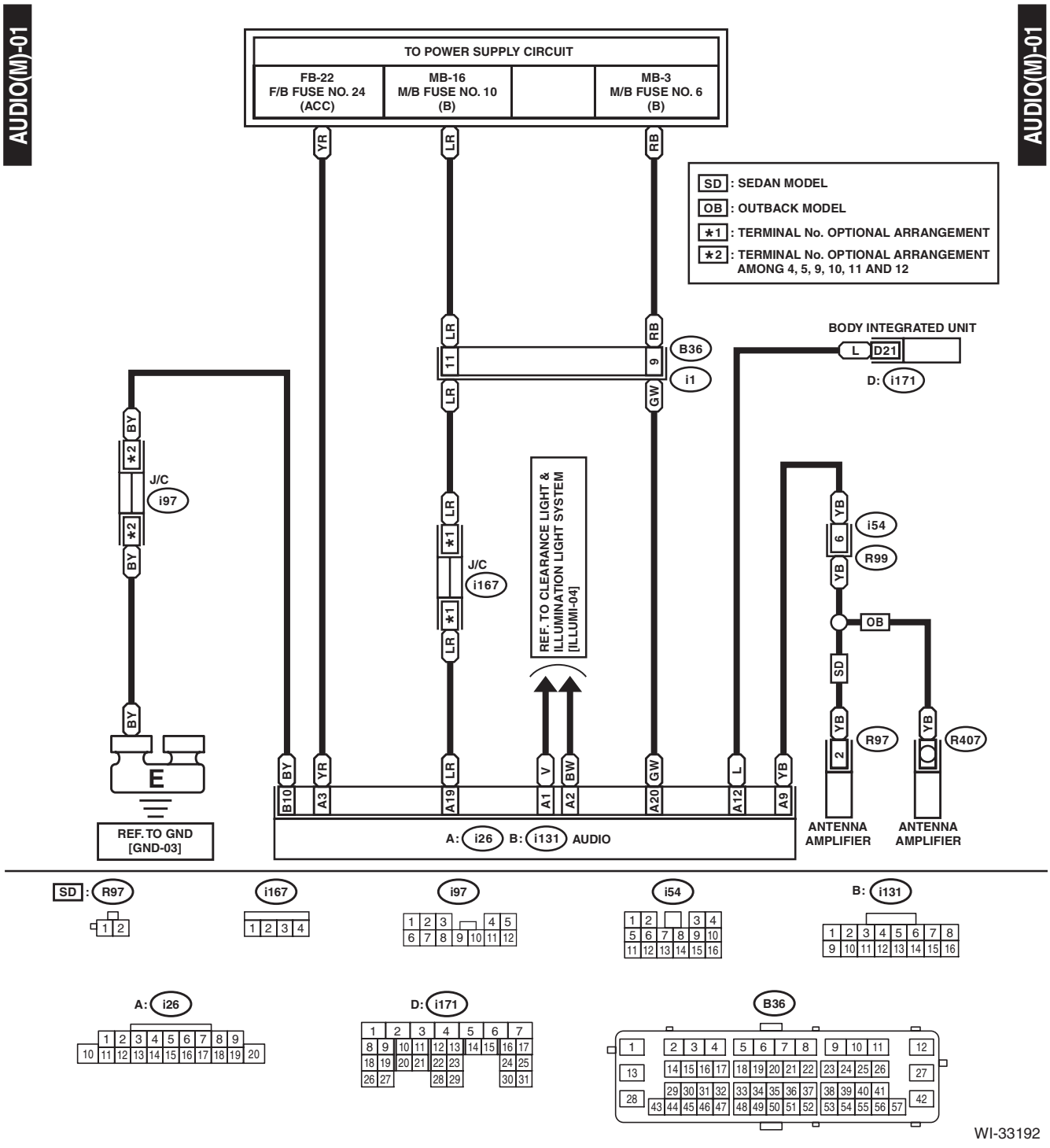
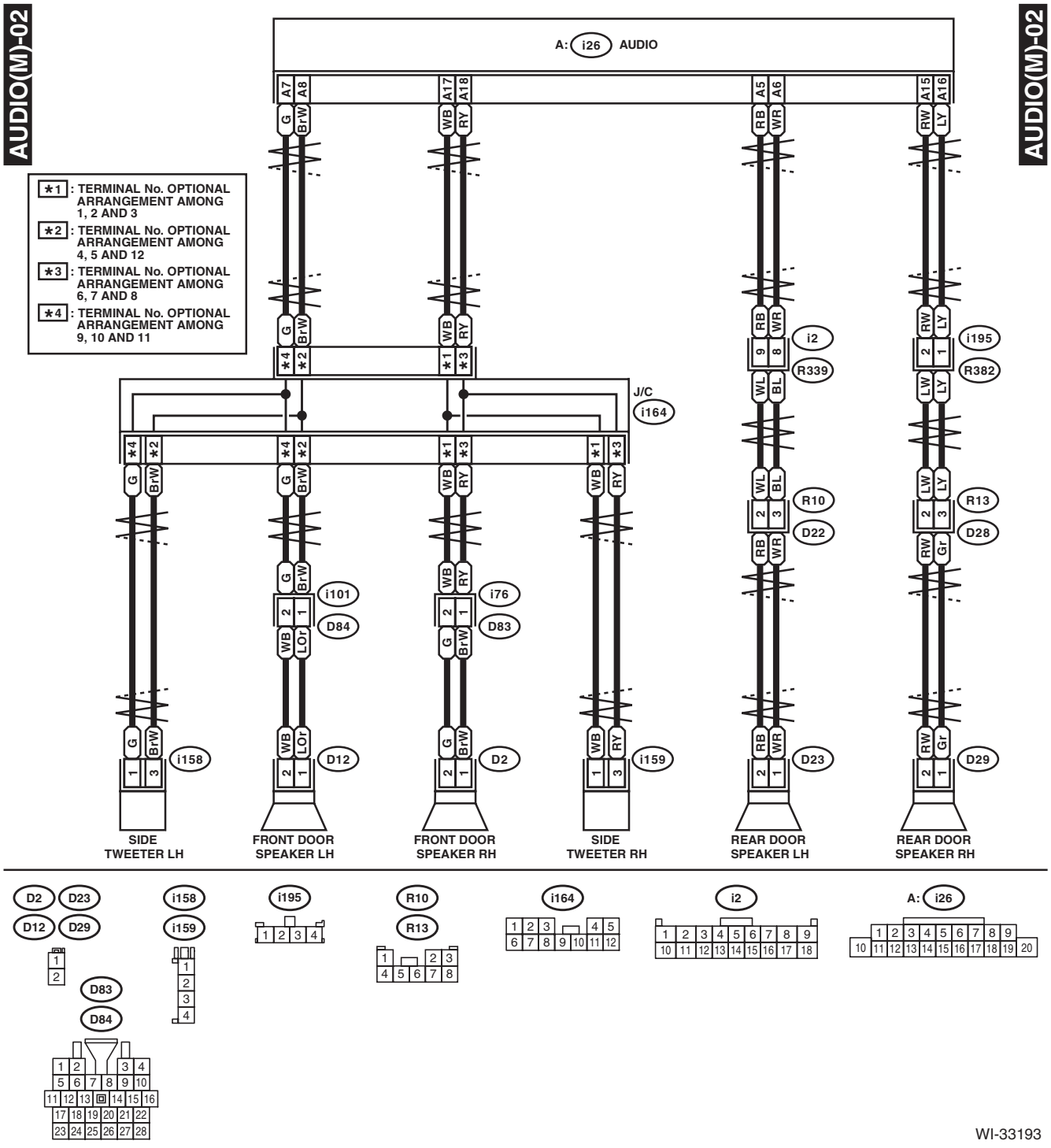
WIRING SYSTEM

- **With handsfree microphone**



WI-33192

GETtheMANUALS.org



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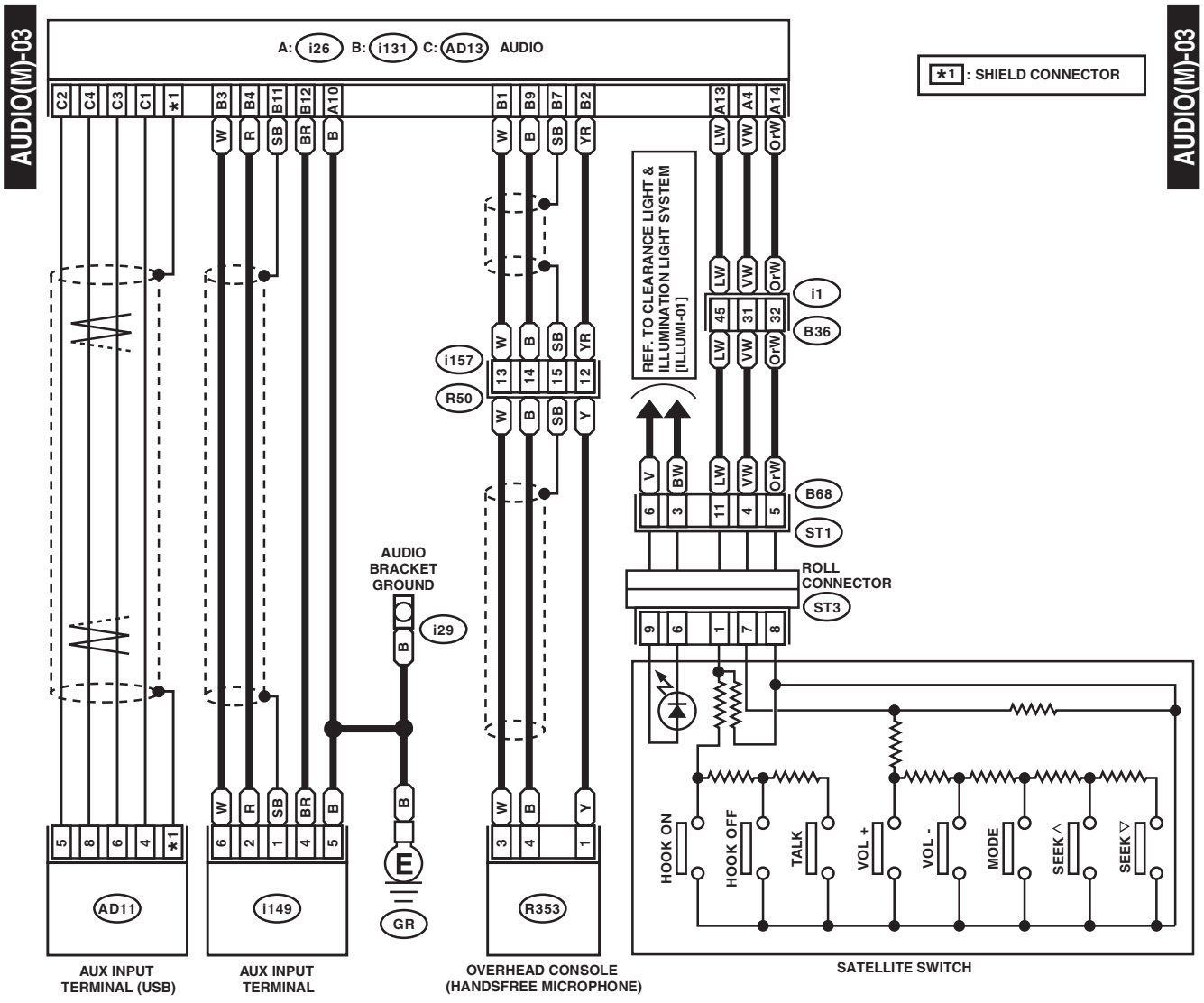
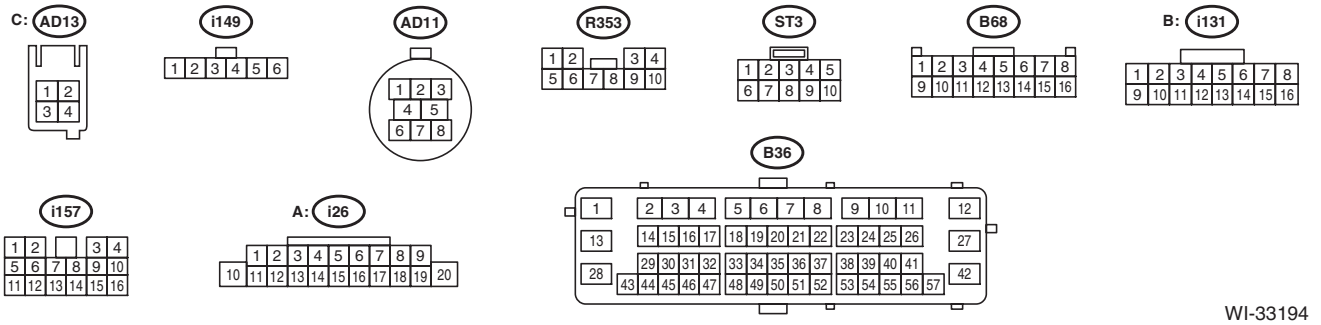
WIRING SYSTEM





WI-33194

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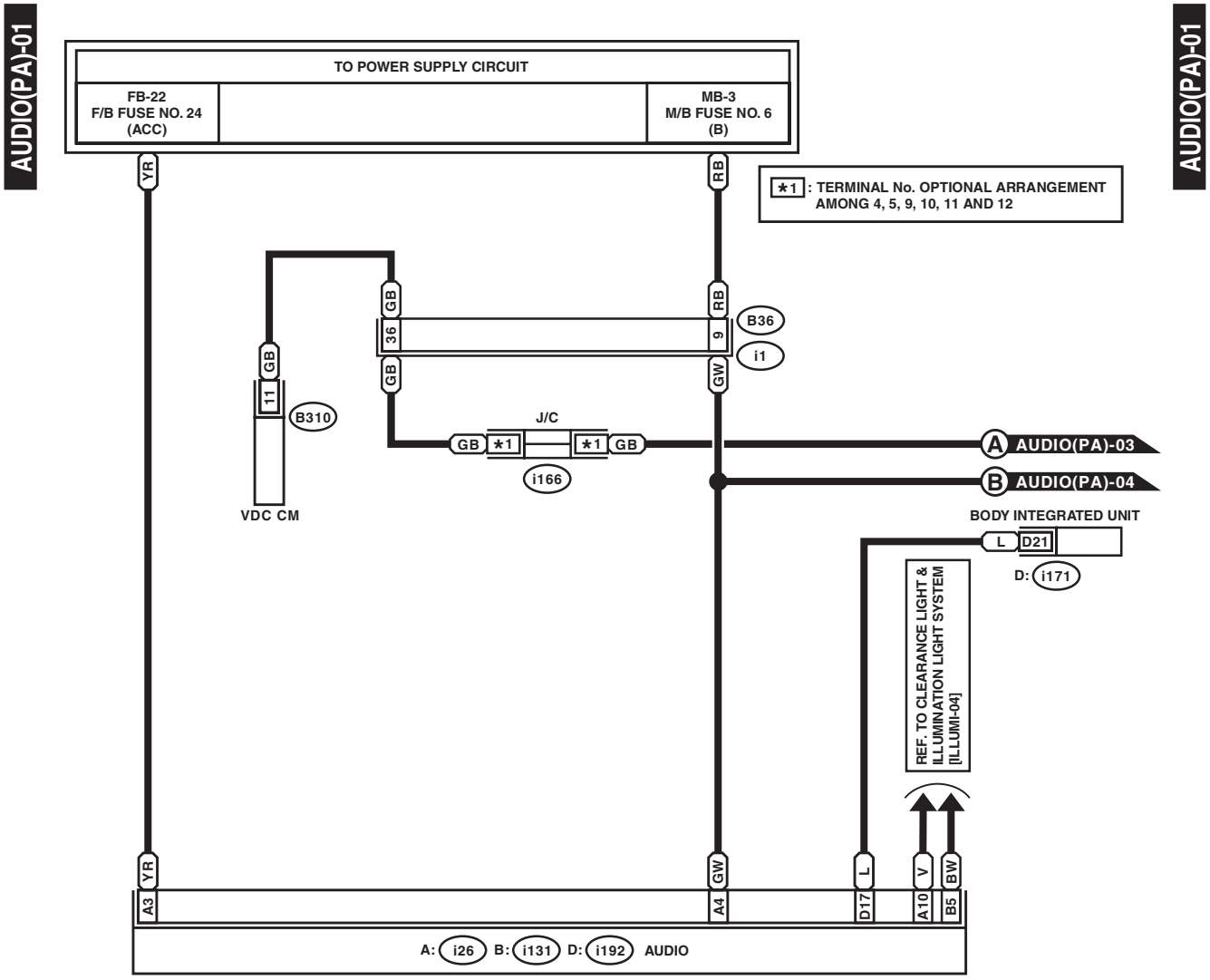
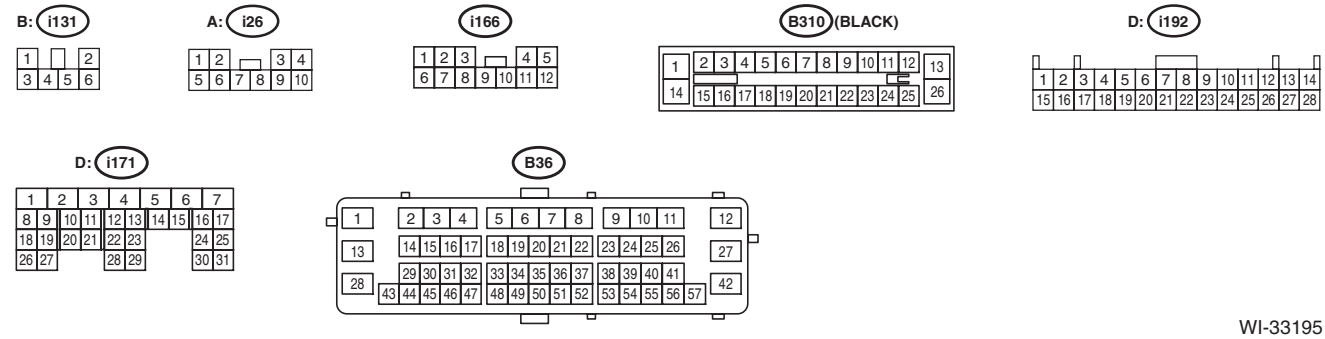
3. PREMIUM AUDIO





WI-33195

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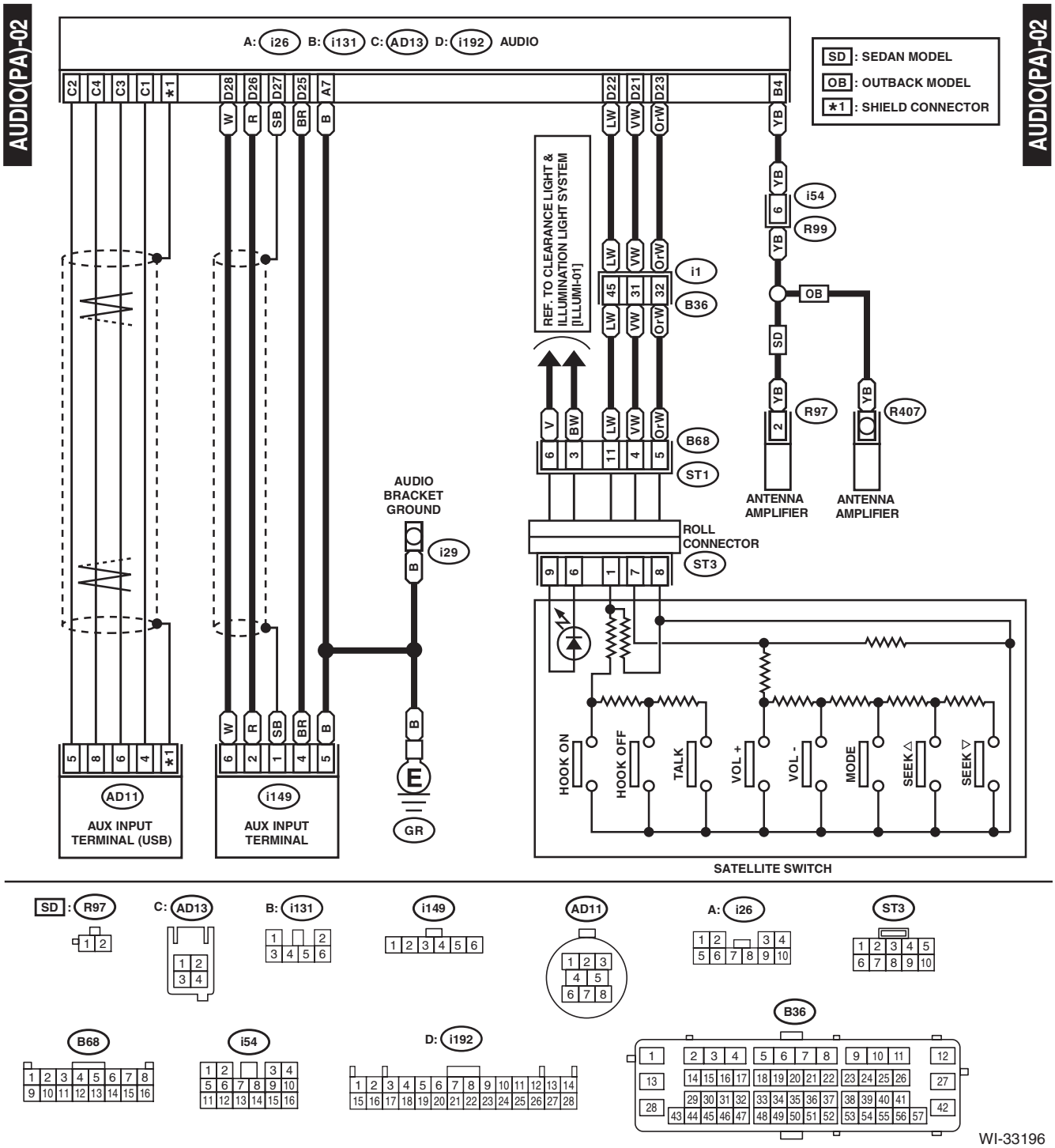
WIRING SYSTEM



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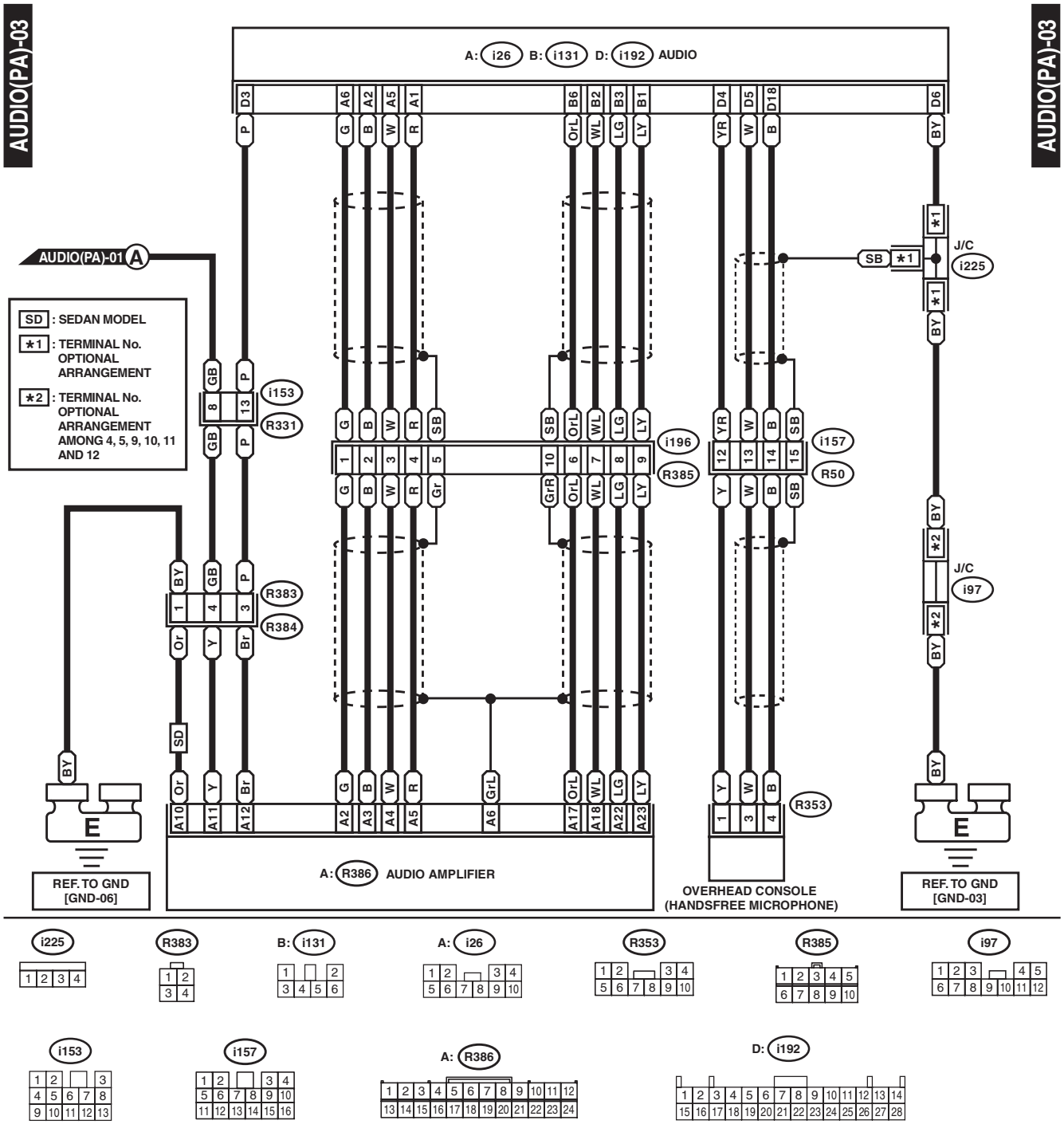
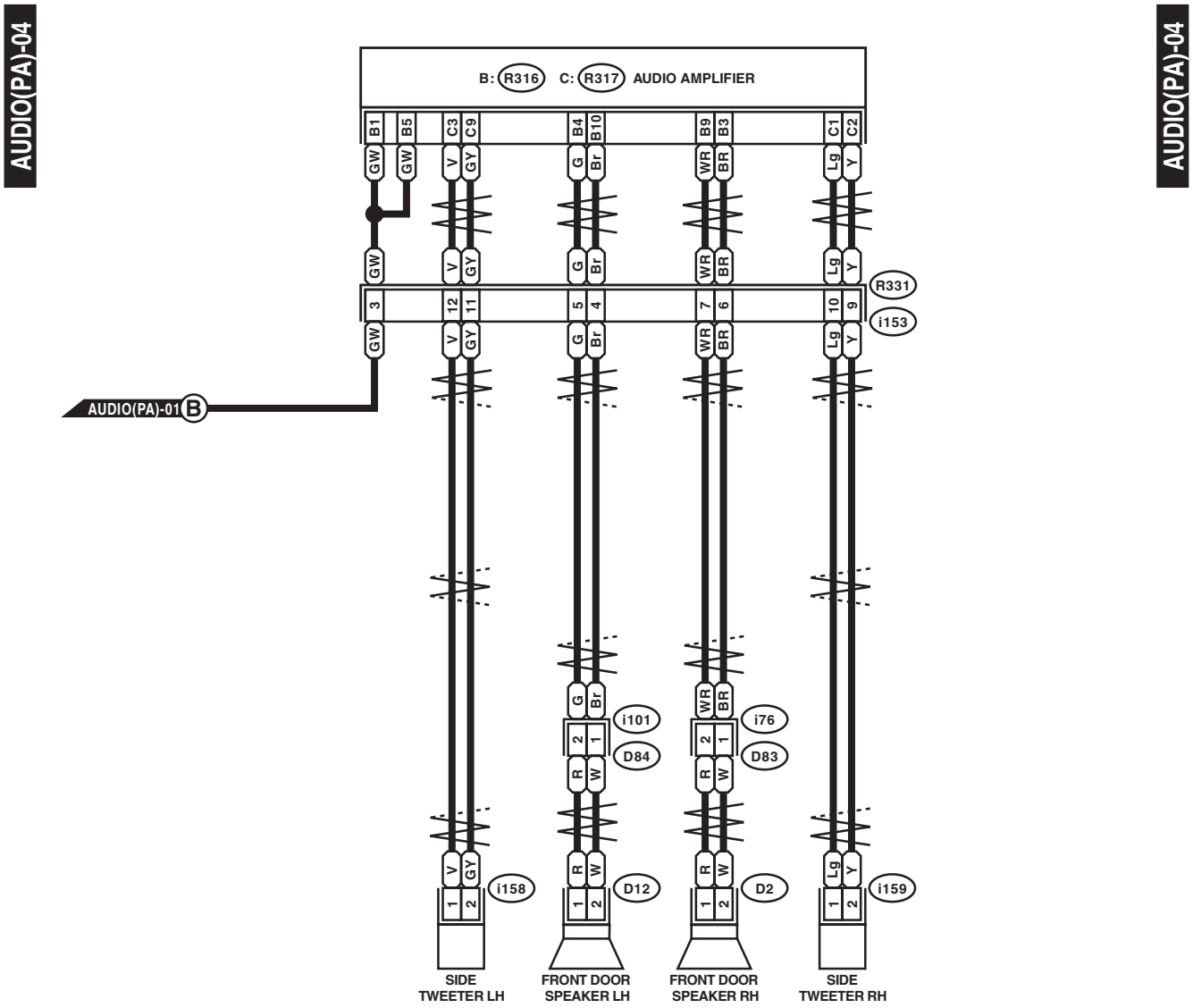
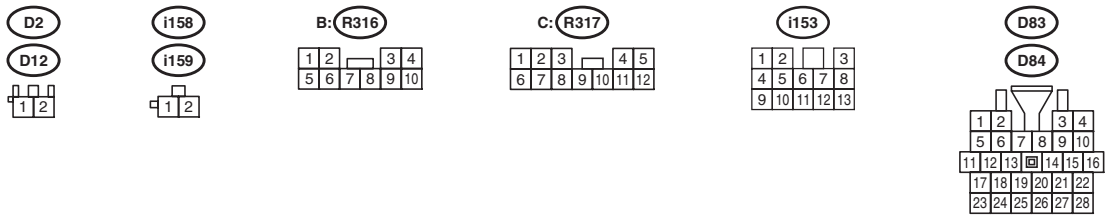


WI-33197

GETtheMANUALS.org



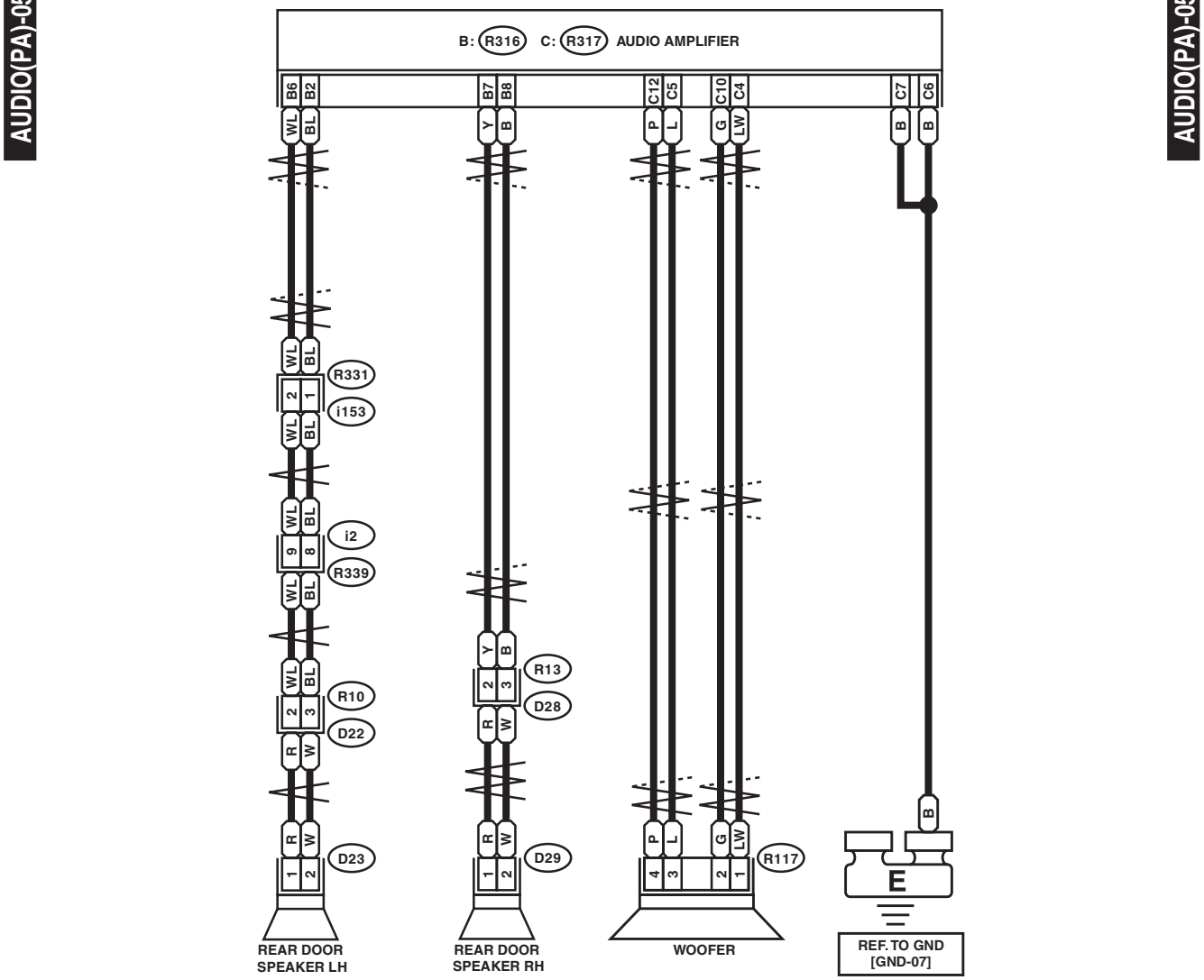


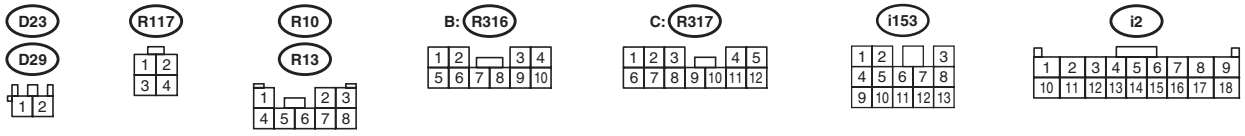
WI-33198

GETtheMANUALS.org

AUDIO(PA)-05

AUDIO(PA)-05



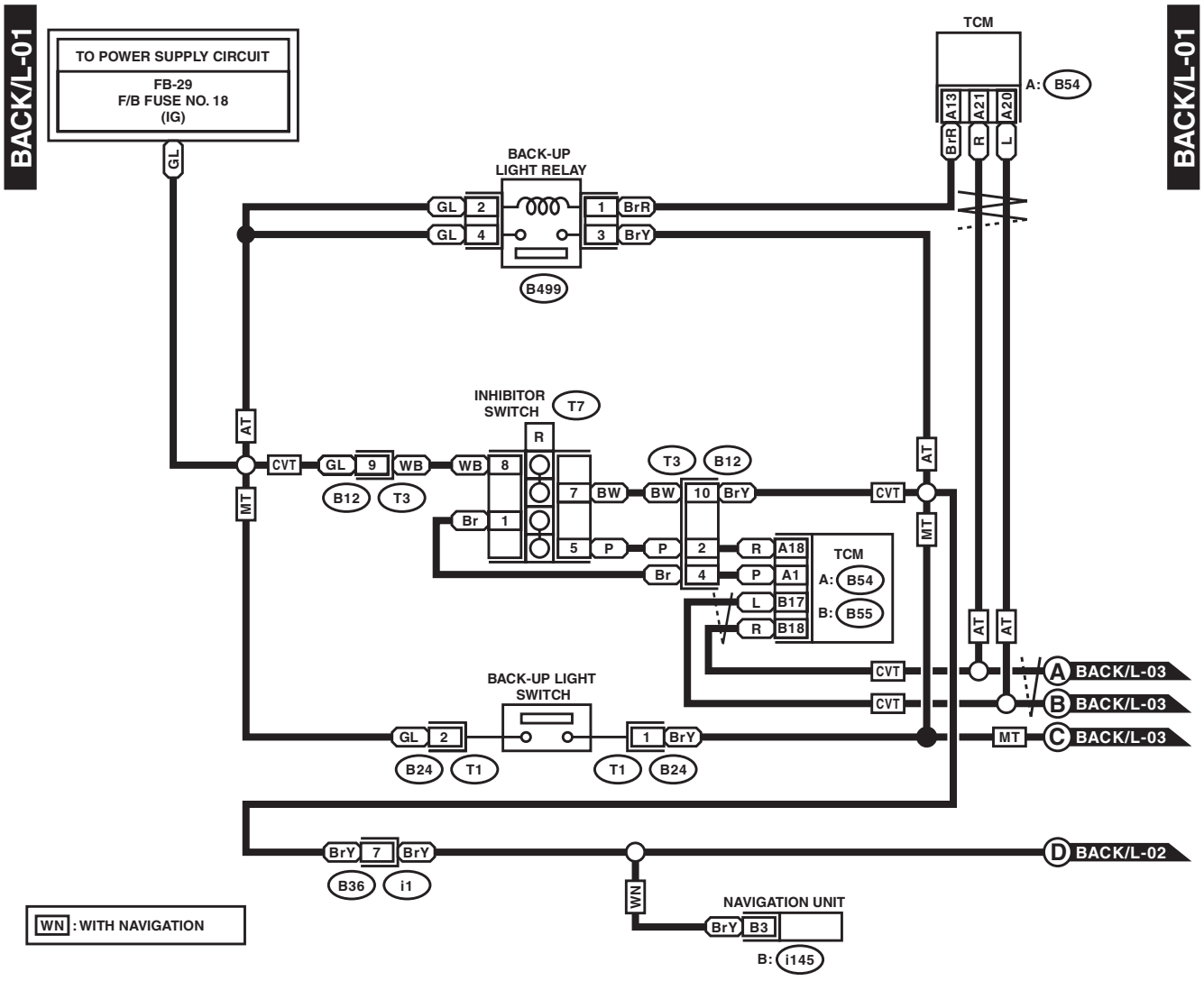


WI-33199

GETtheMANUALS.org

9. Back-up Light System

A: WIRING DIAGRAM



WI-25442

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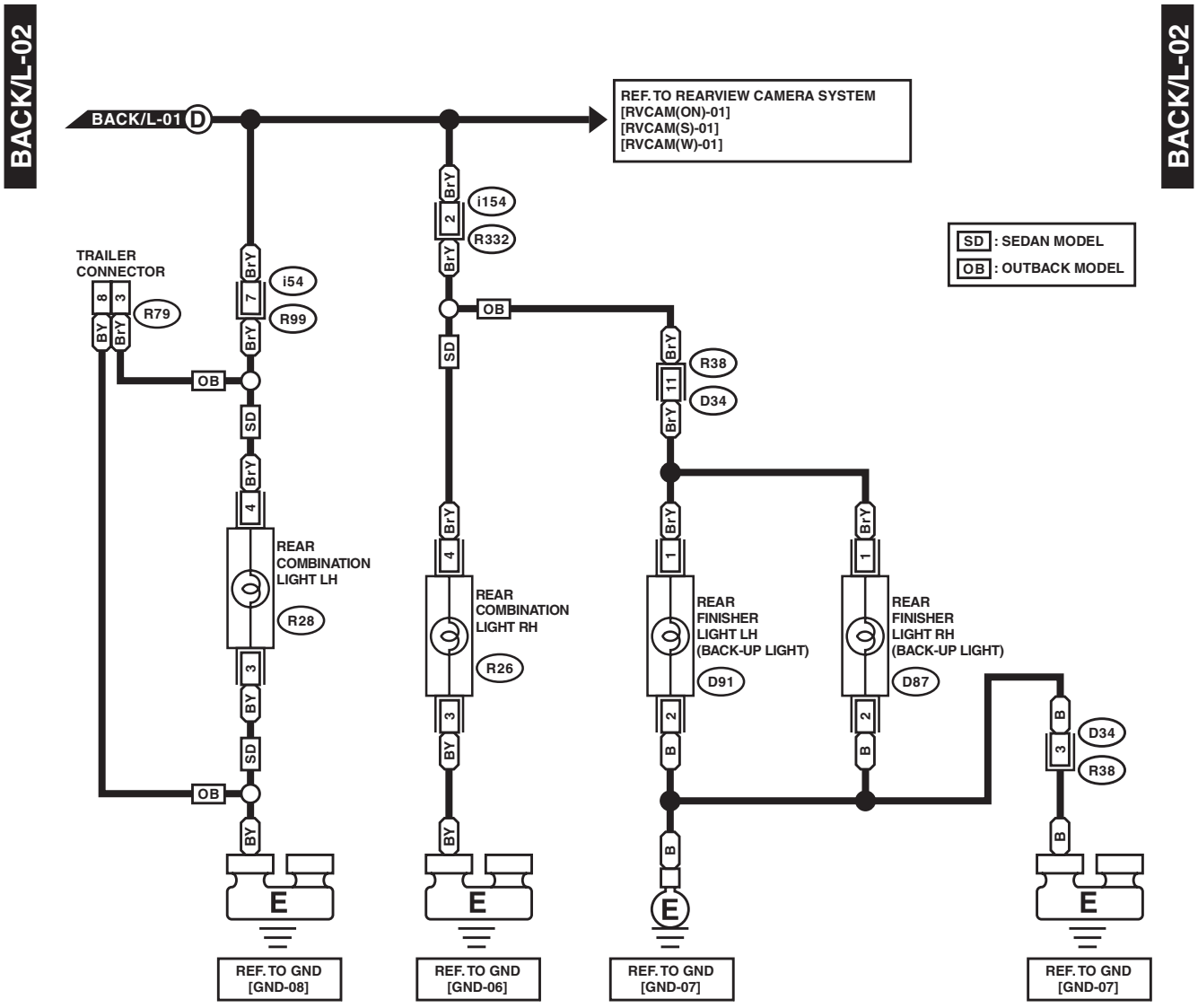
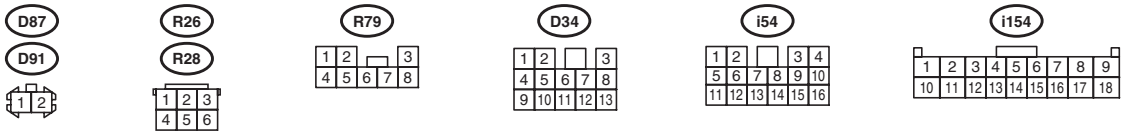
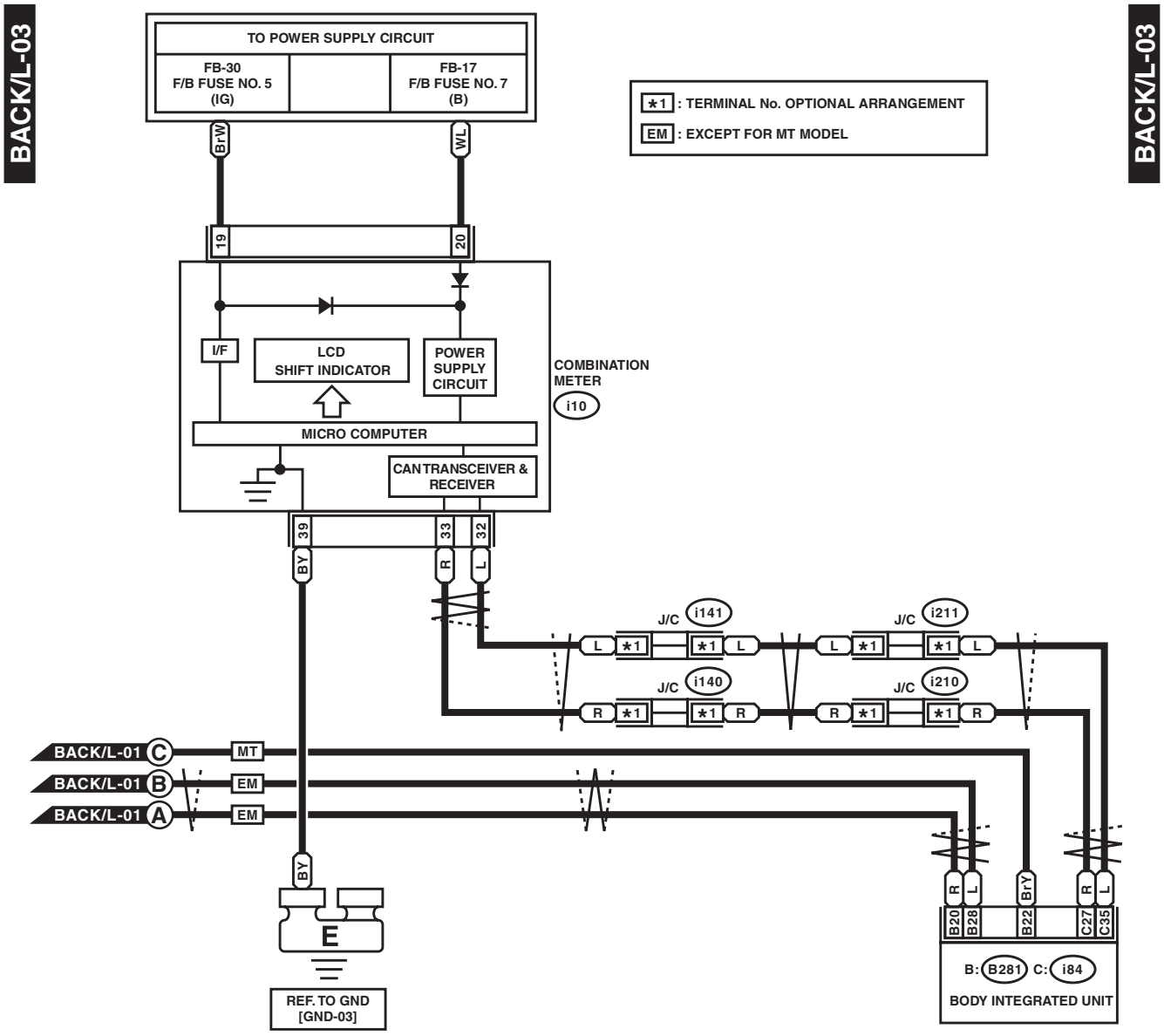
Back-up Light System





WI-33201

GETtheMANUALS.org



WI-33202

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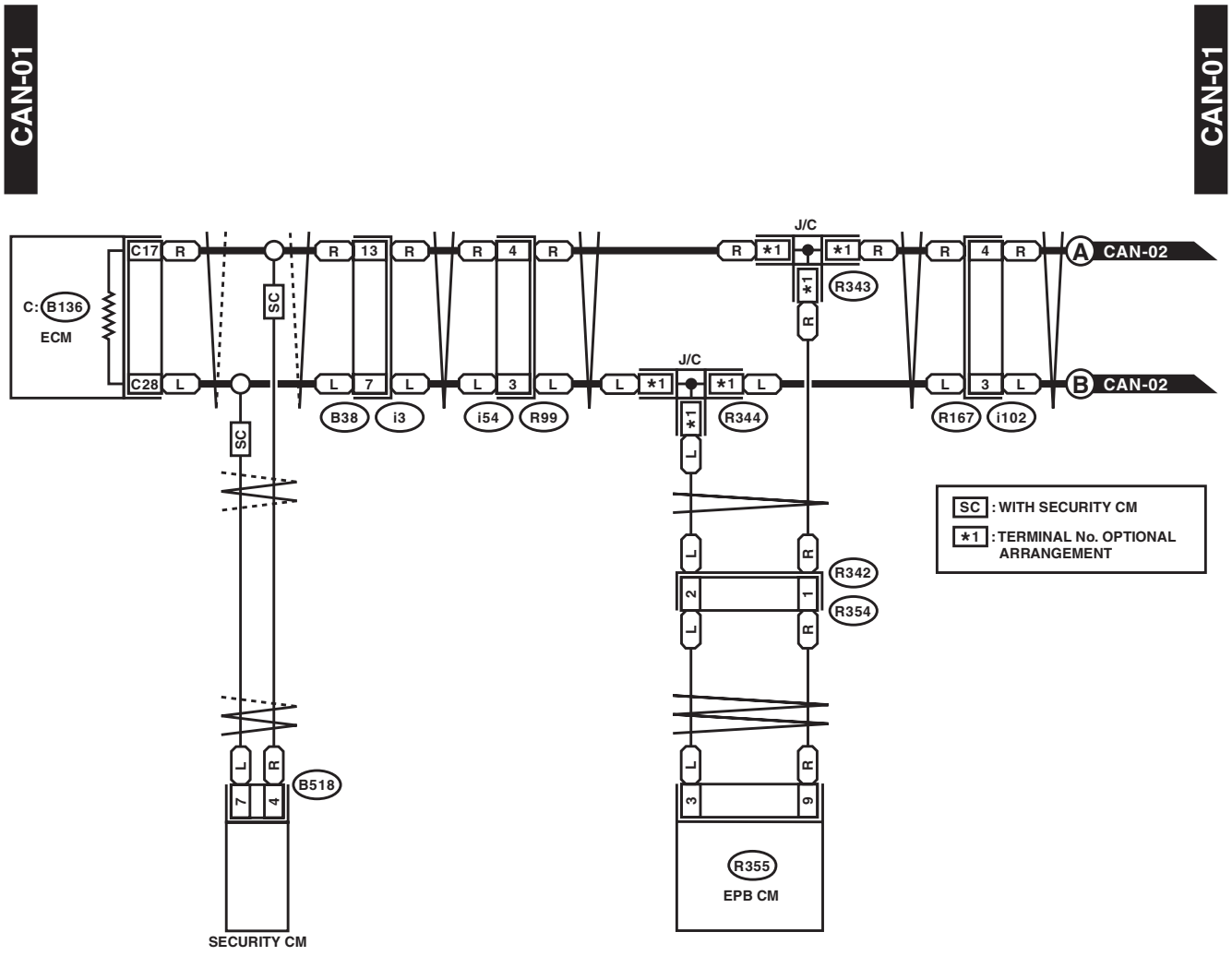
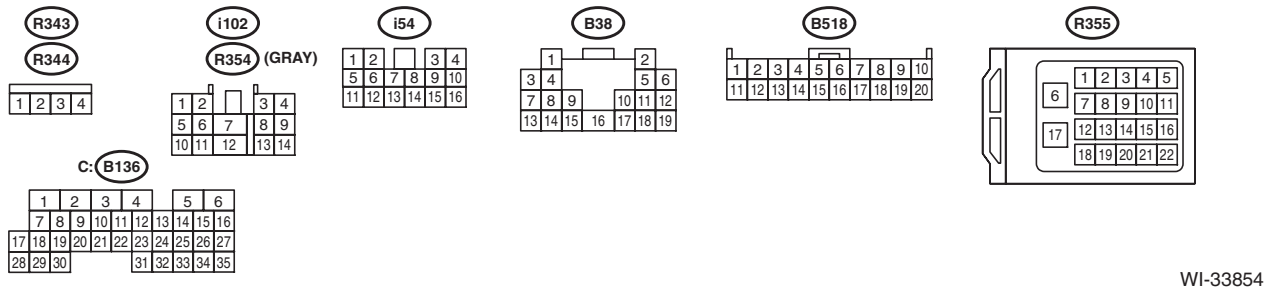
10.CAN Communication System

A: WIRING DIAGRAM

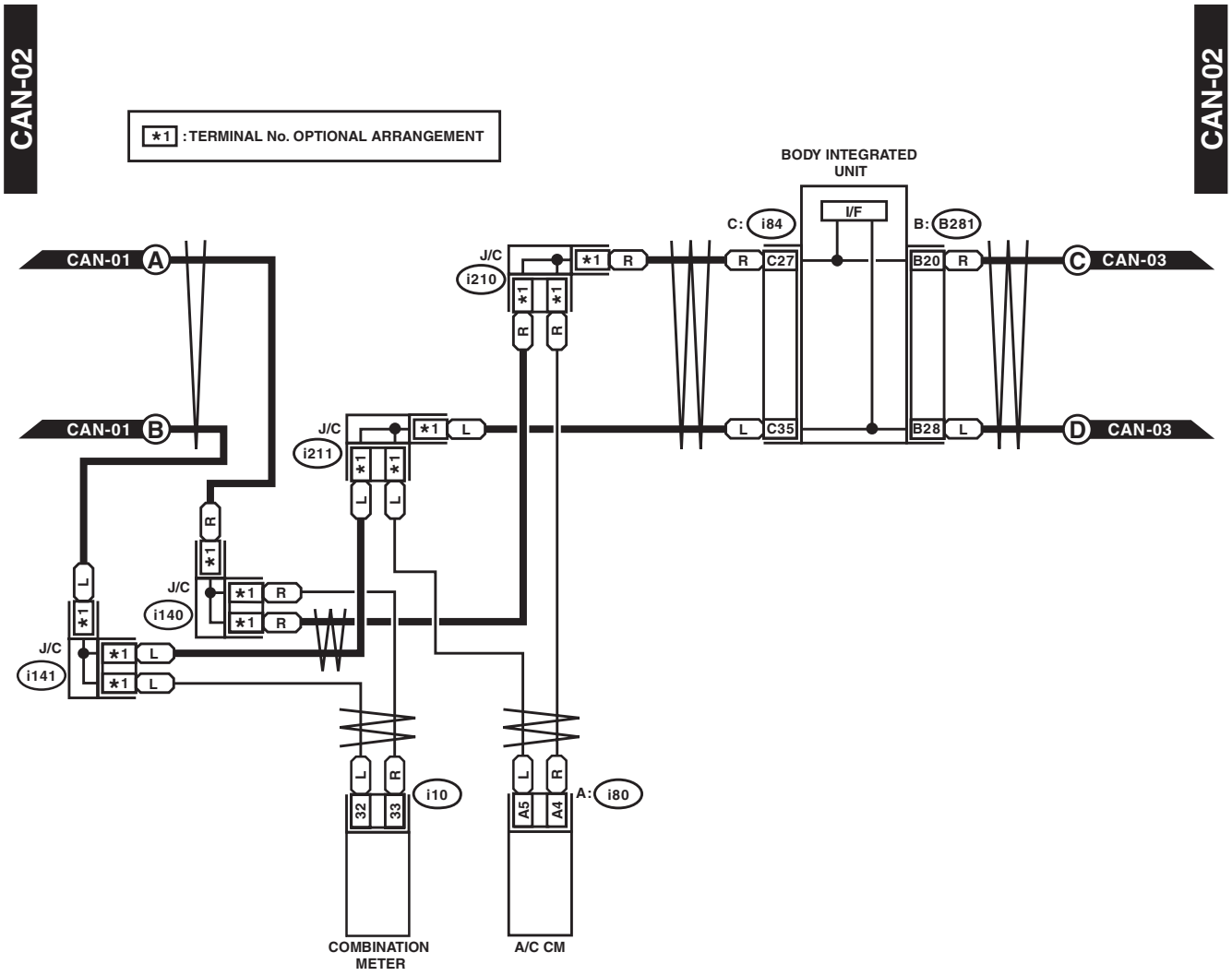


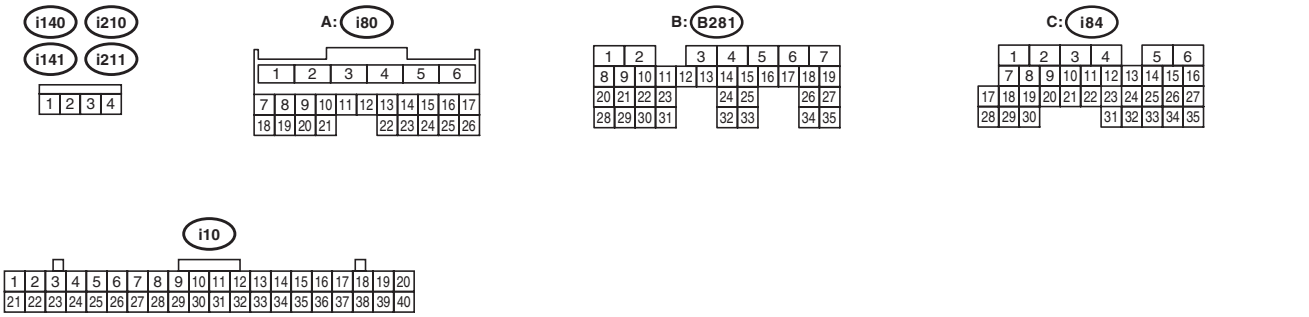


WI-33854

GETtheMANUALS.org

CAN-02





WI-33203

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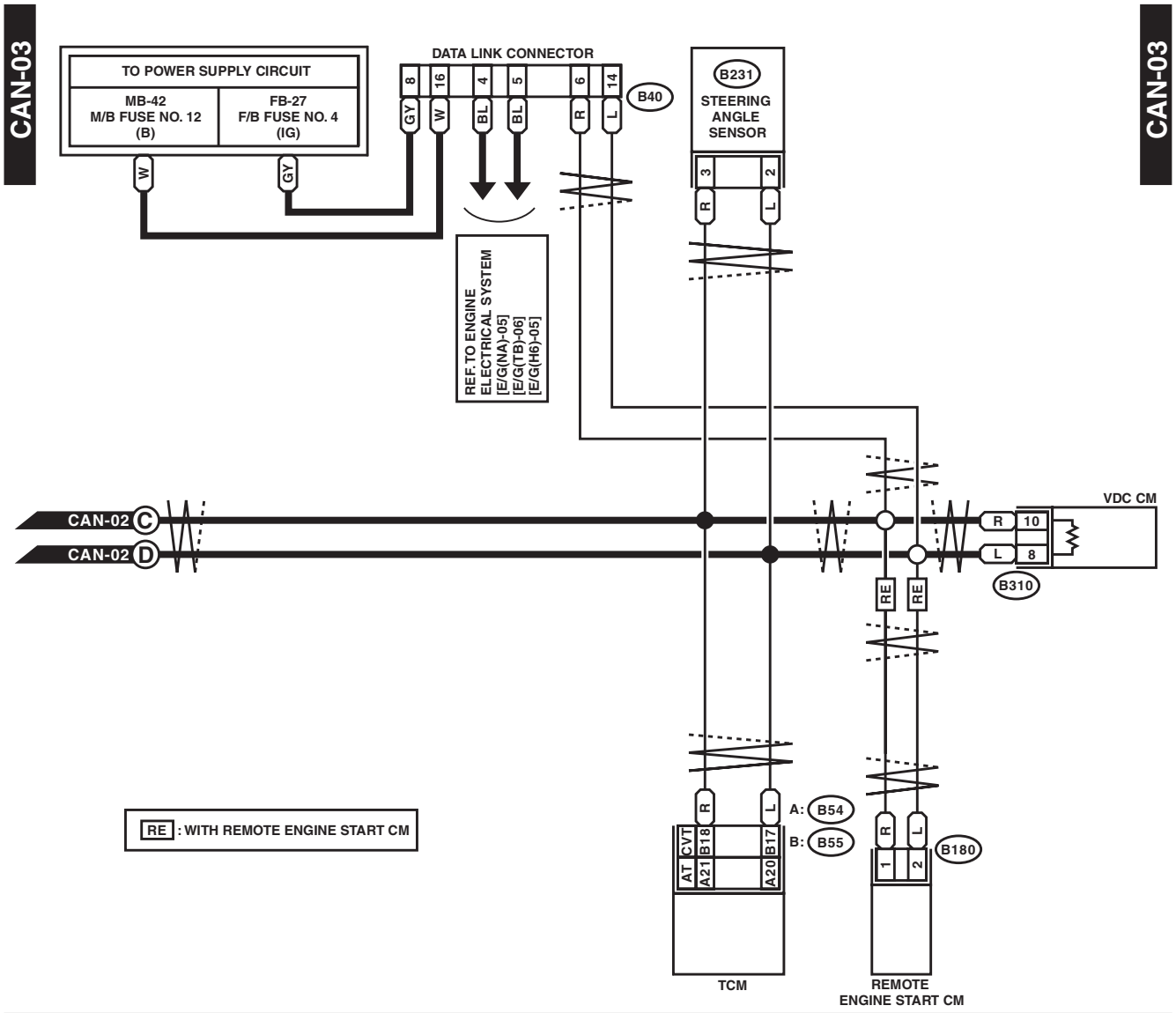
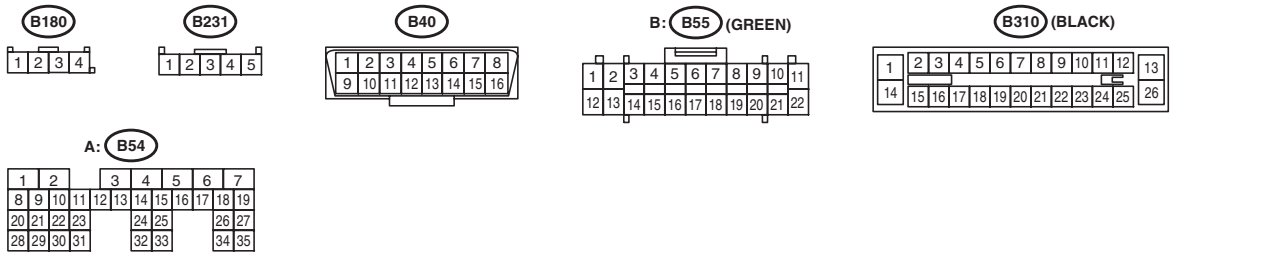
CAN Communication System





WI-33855

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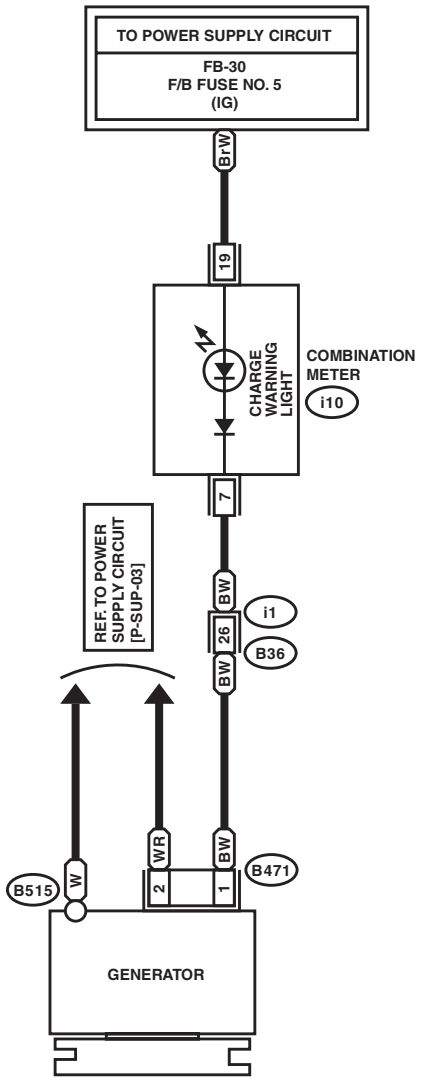
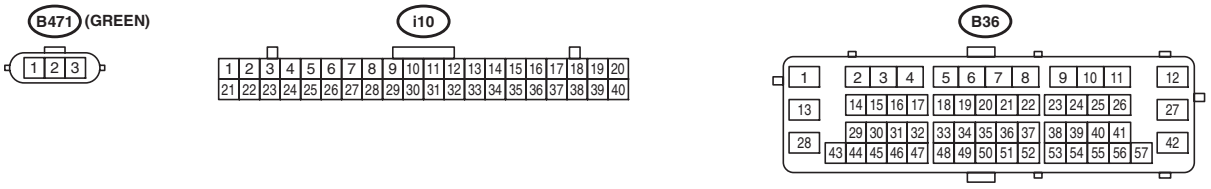
11.Charging System

A: WIRING DIAGRAM

CHG-01





WI-33204

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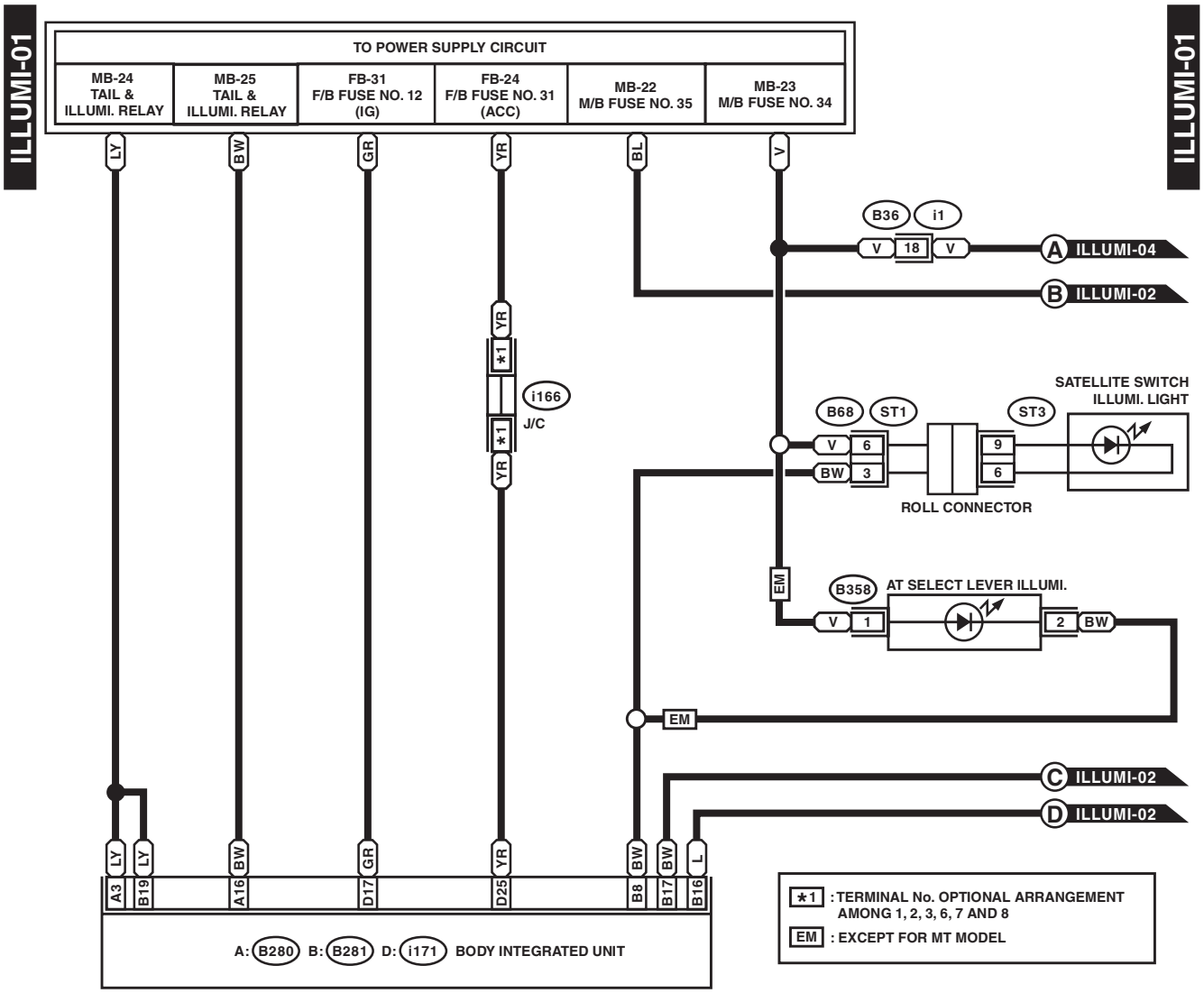
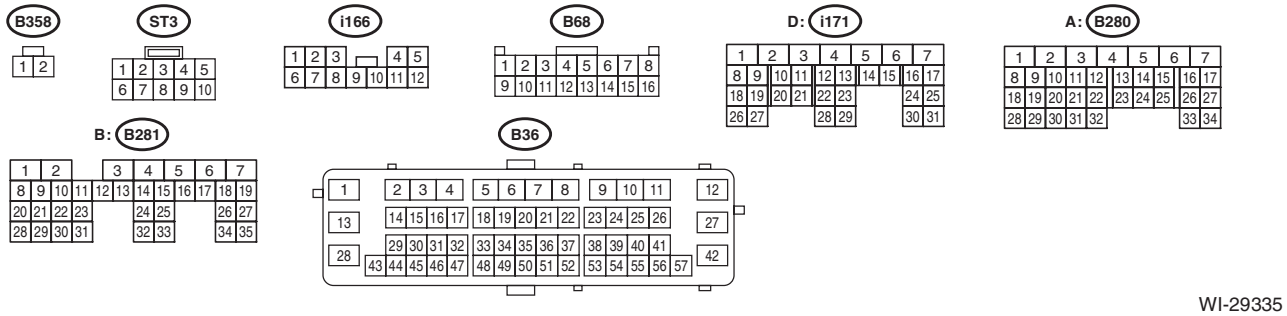
12.Clearance Light and Illumination Light System

A: WIRING DIAGRAM





WI-29335

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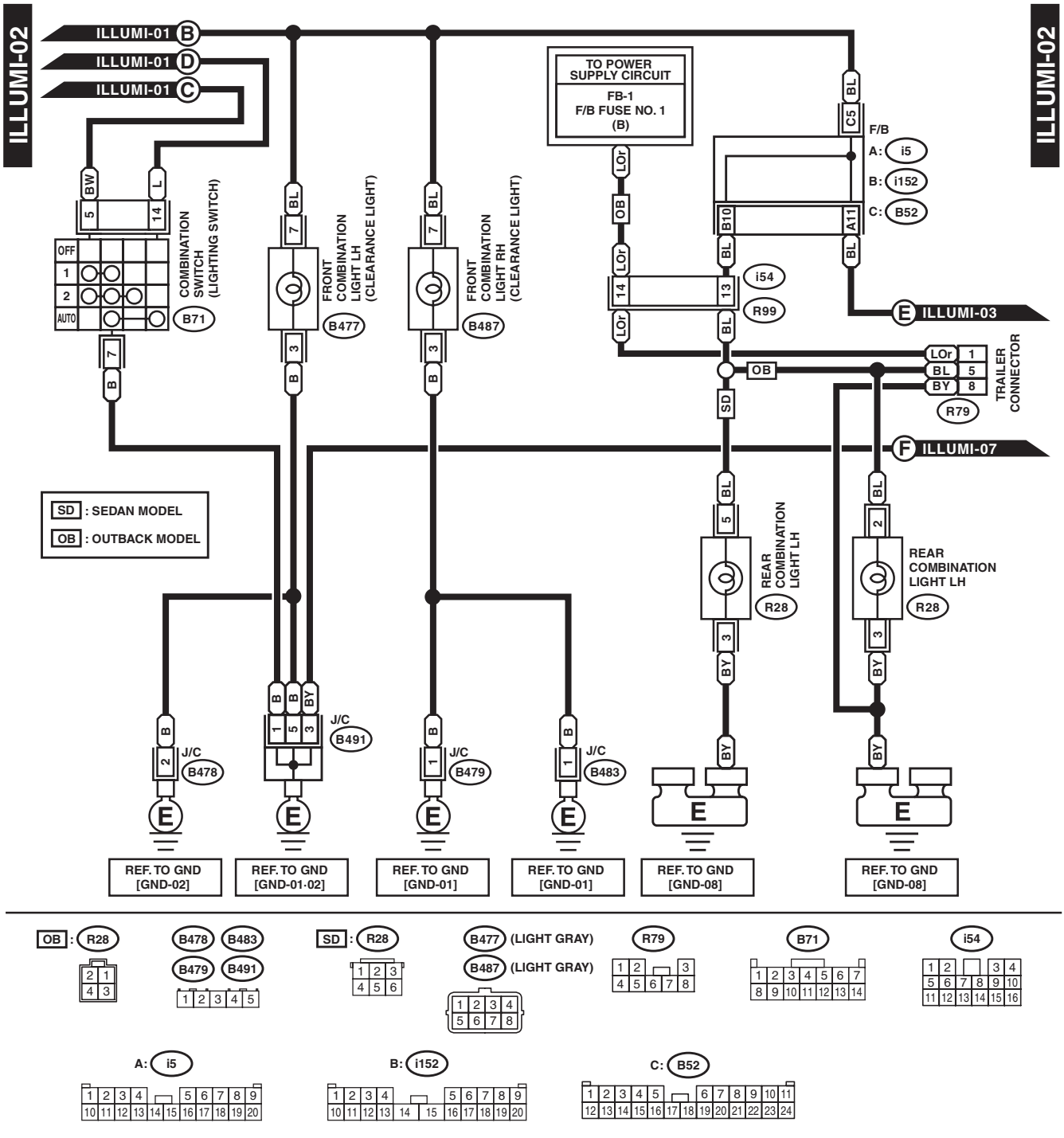
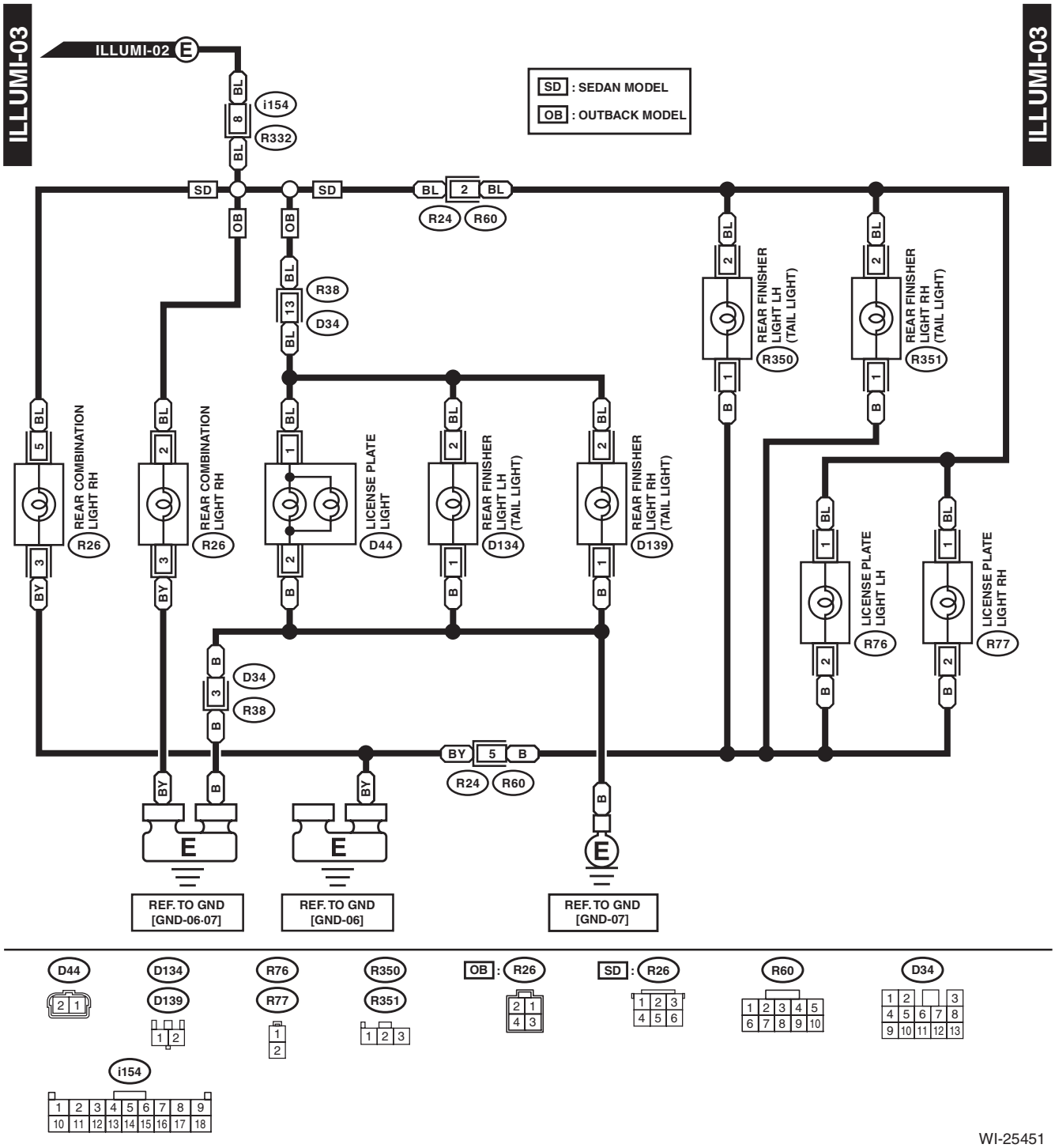
Clearance Light and Illumination Light System

WIRING SYSTEM



WI-29336

GETtheMANUALS.org



WI-25451

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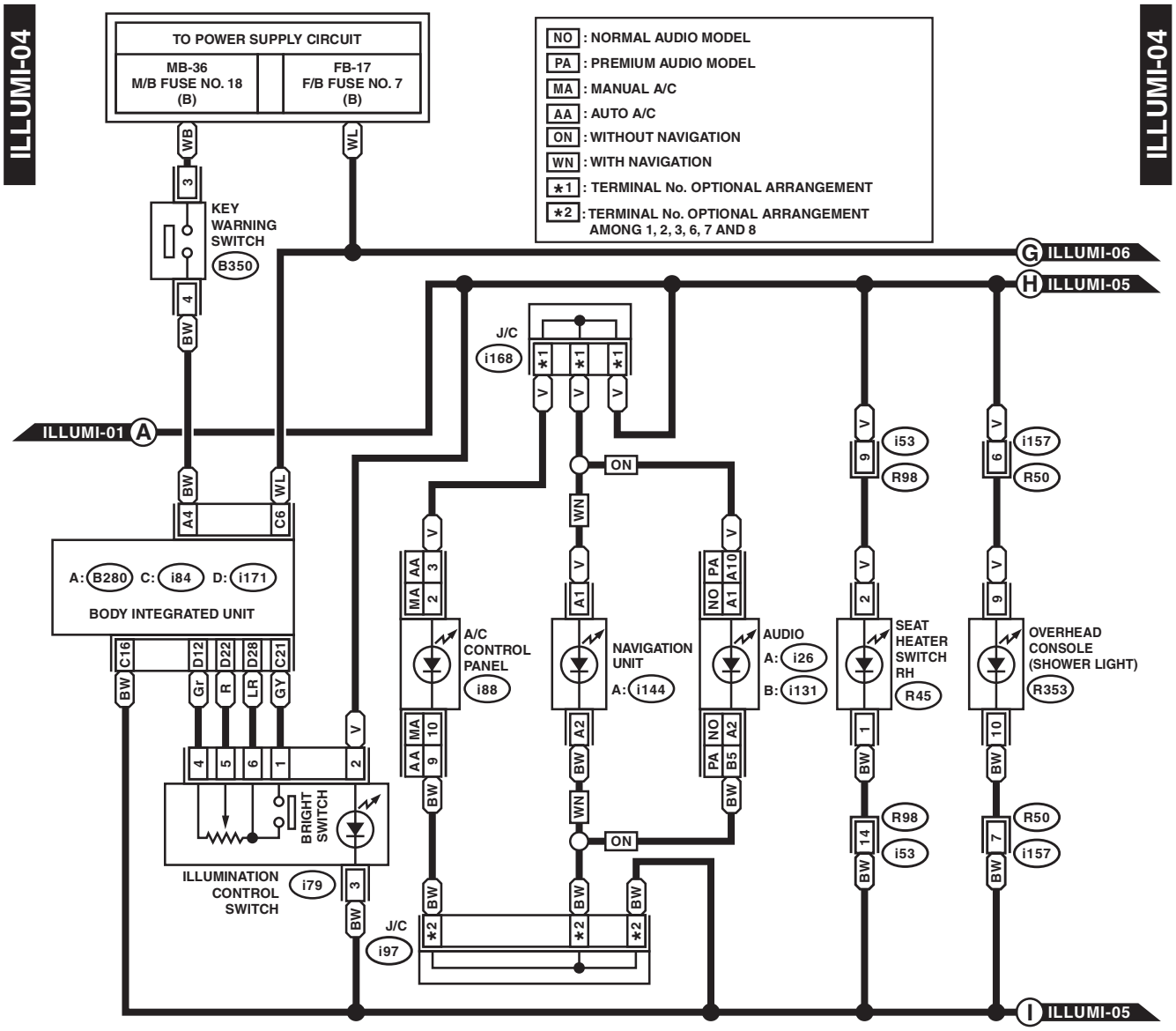
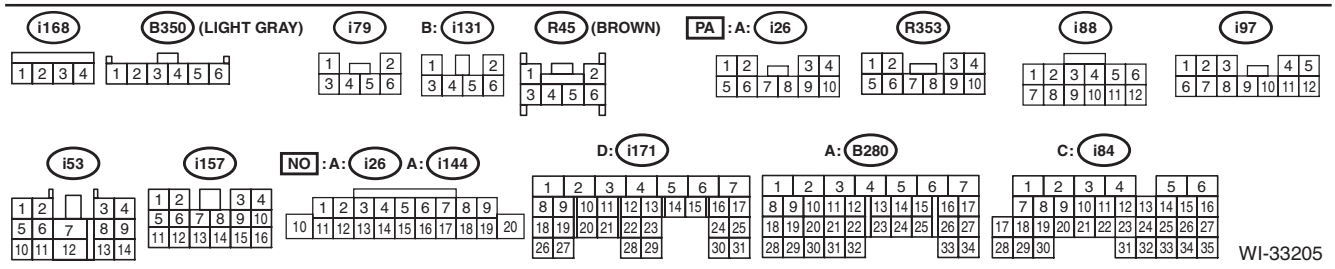
Clearance Light and Illumination Light System

WIRING SYSTEM





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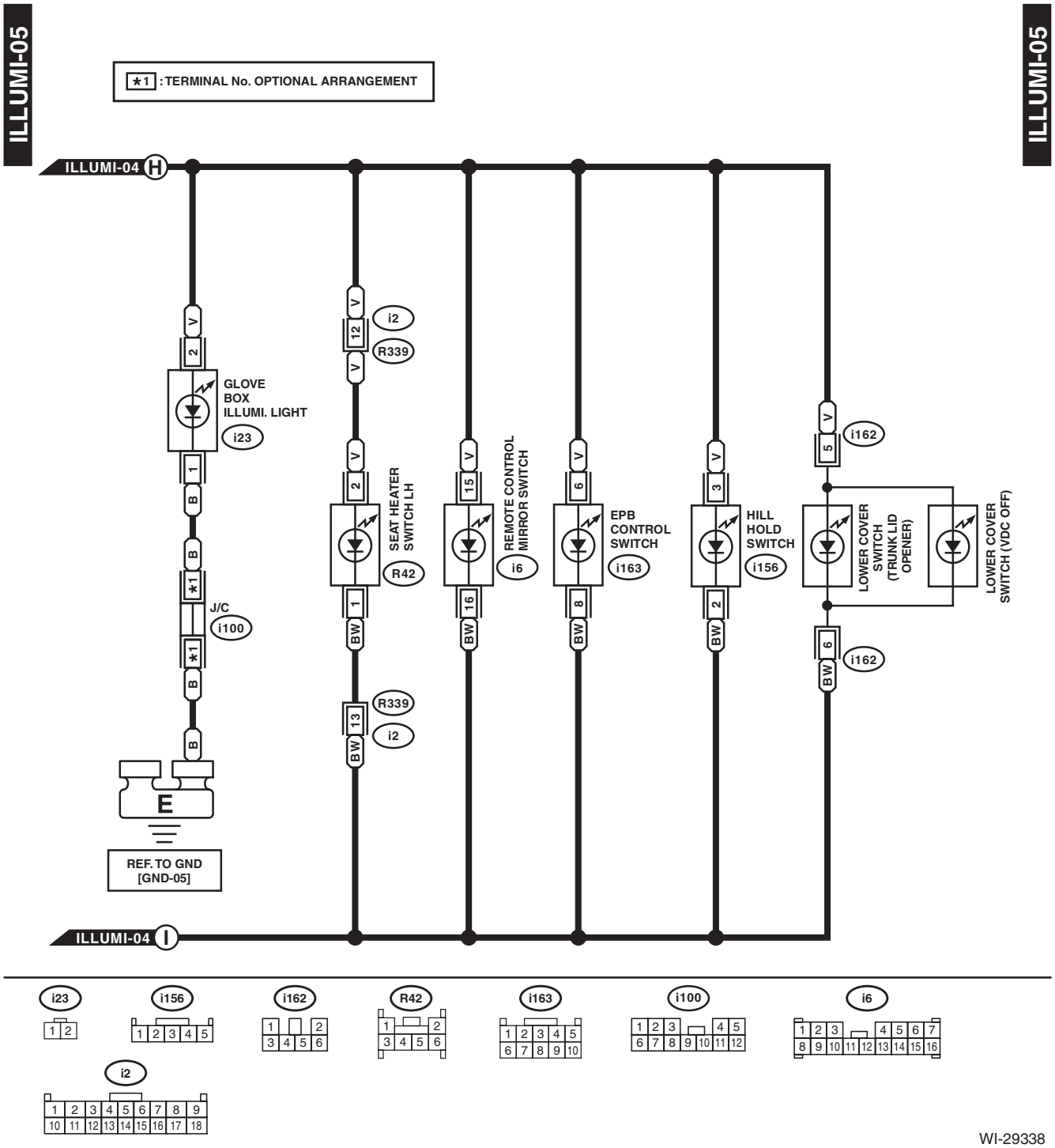
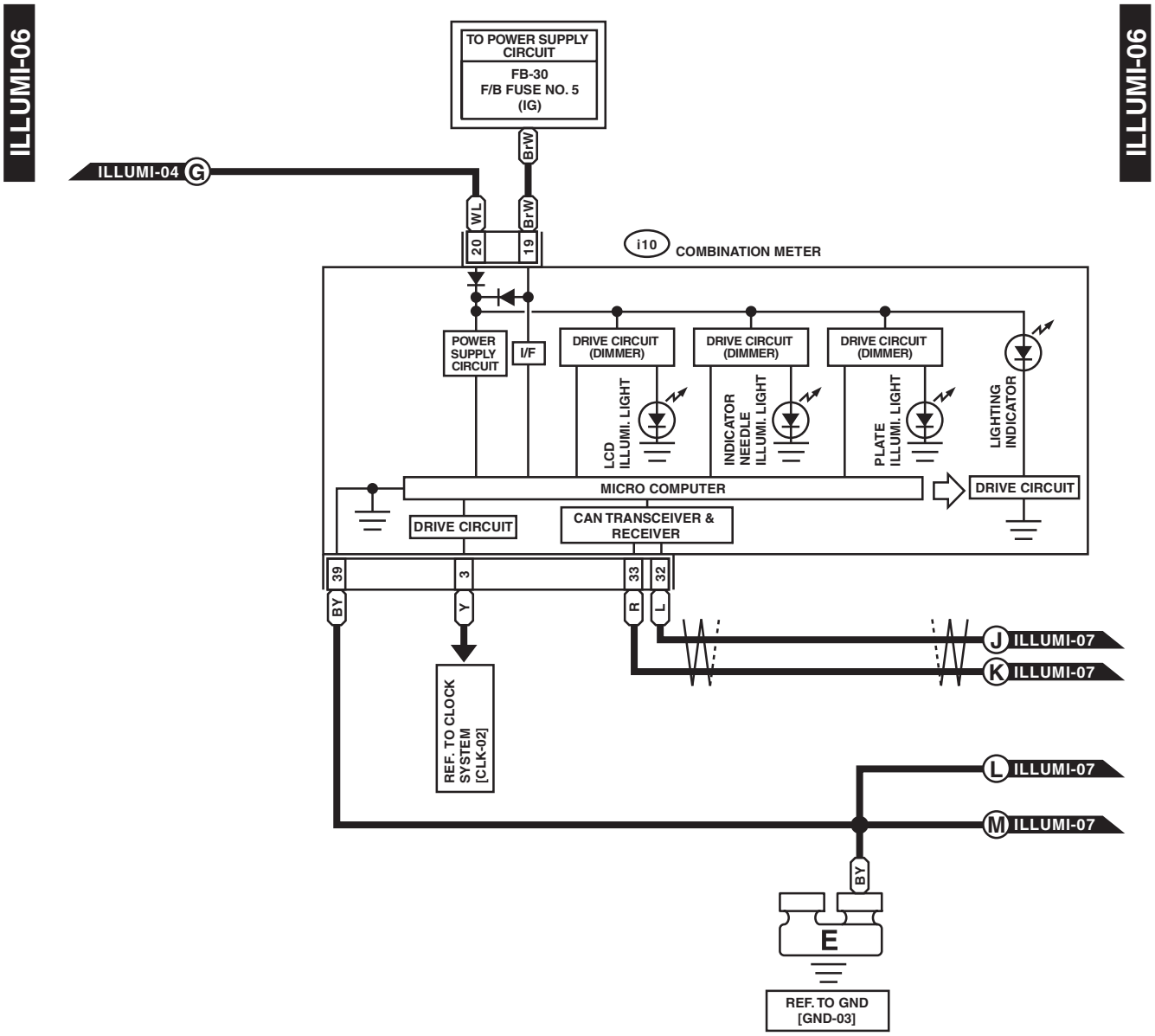
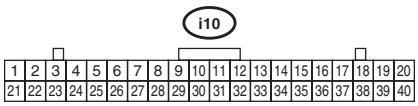
Clearance Light and Illumination Light System



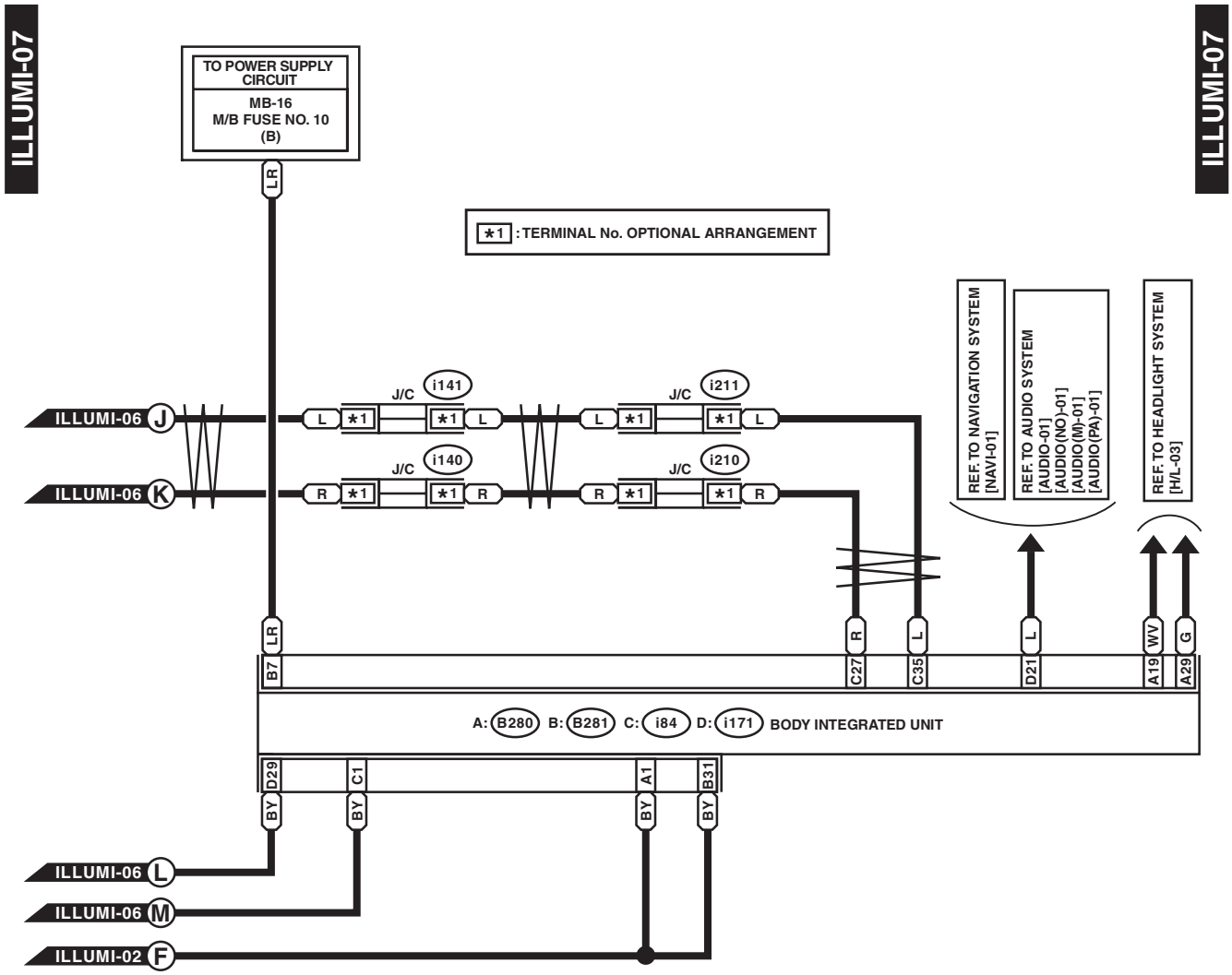
GETtheMANUALS.org

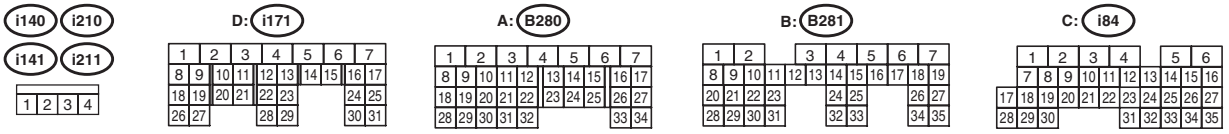




WI-33324

GETtheMANUALS.org



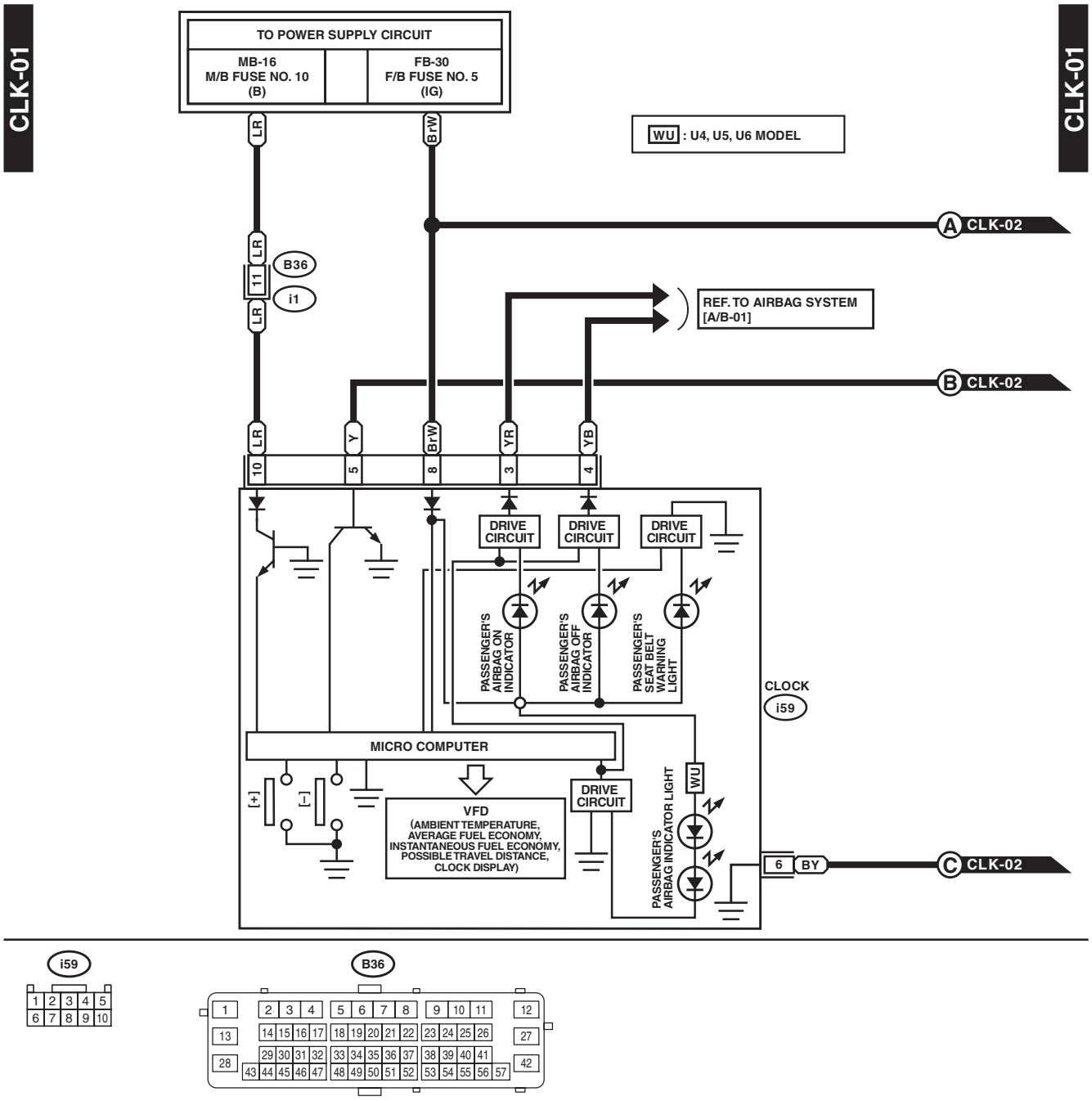


WI-33206

GETtheMANUALS.org

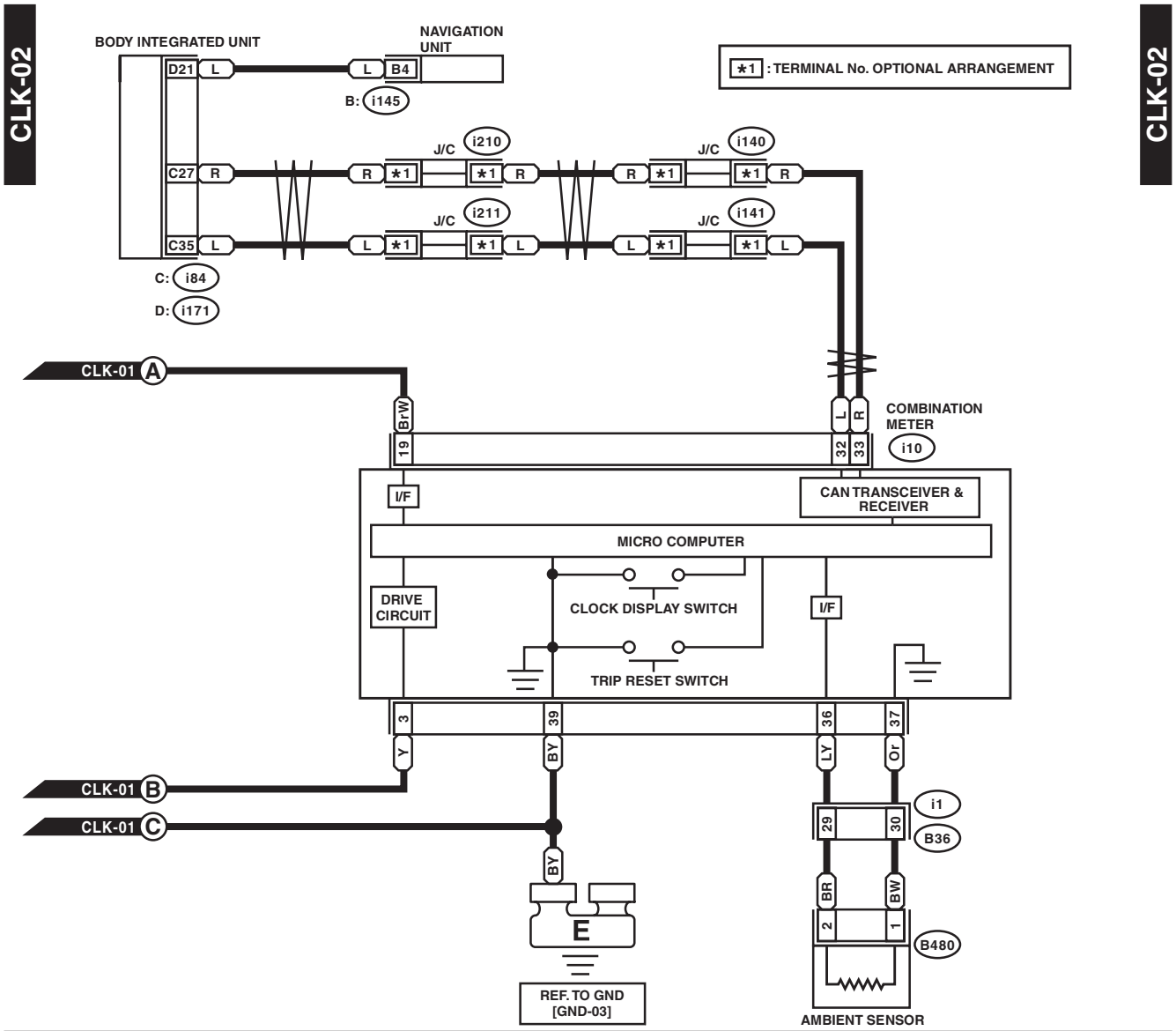
13.Clock System

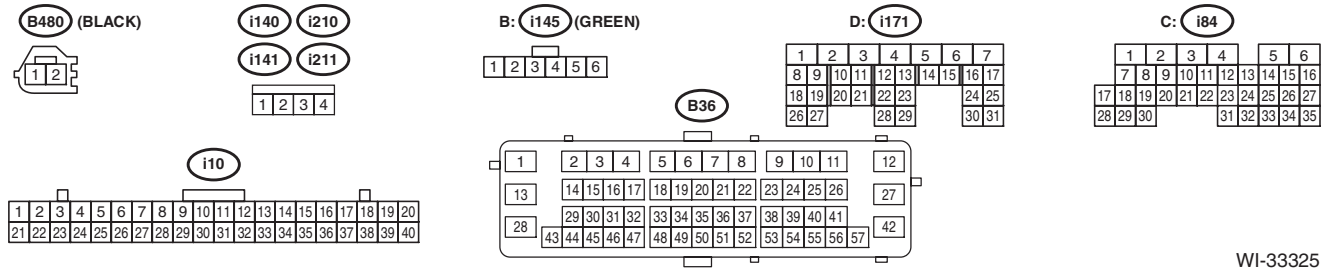
A: WIRING DIAGRAM



WI-33207

GETtheMANUALS.org





WI-33325

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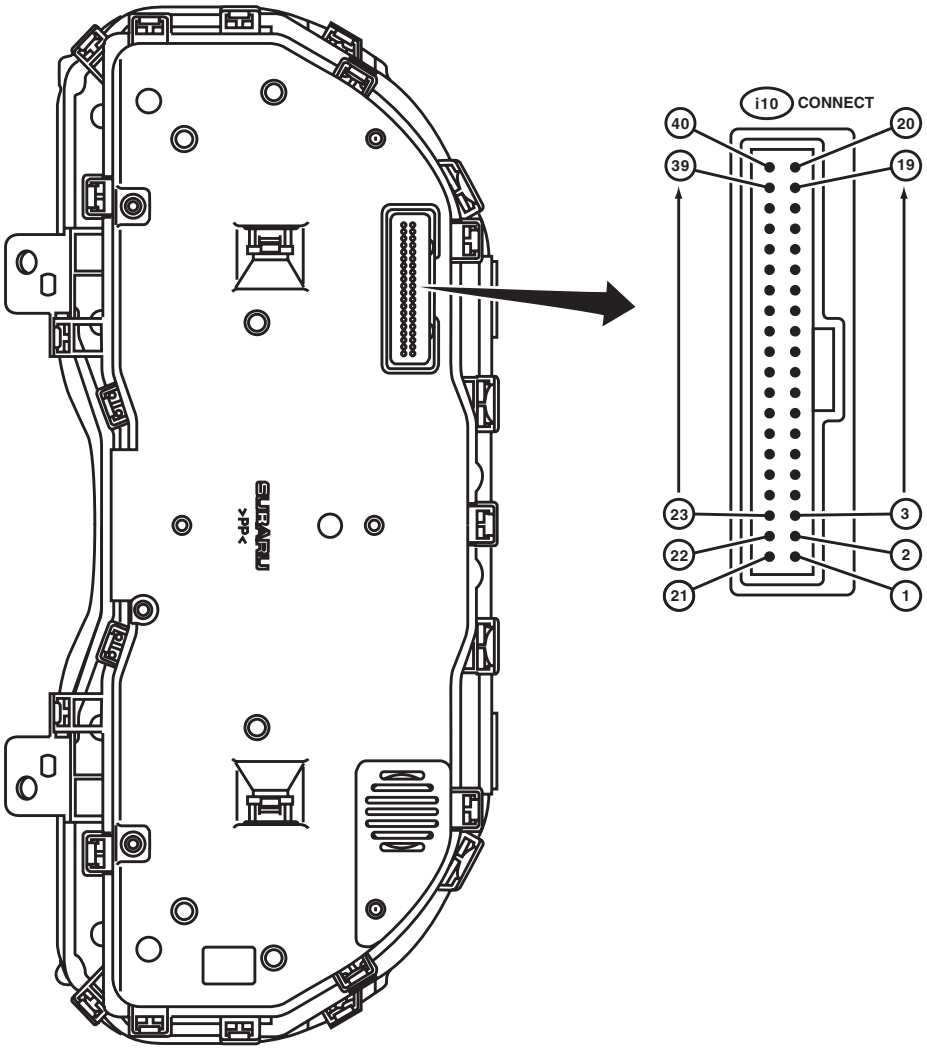
14.Combination Meter System

A: WIRING DIAGRAM

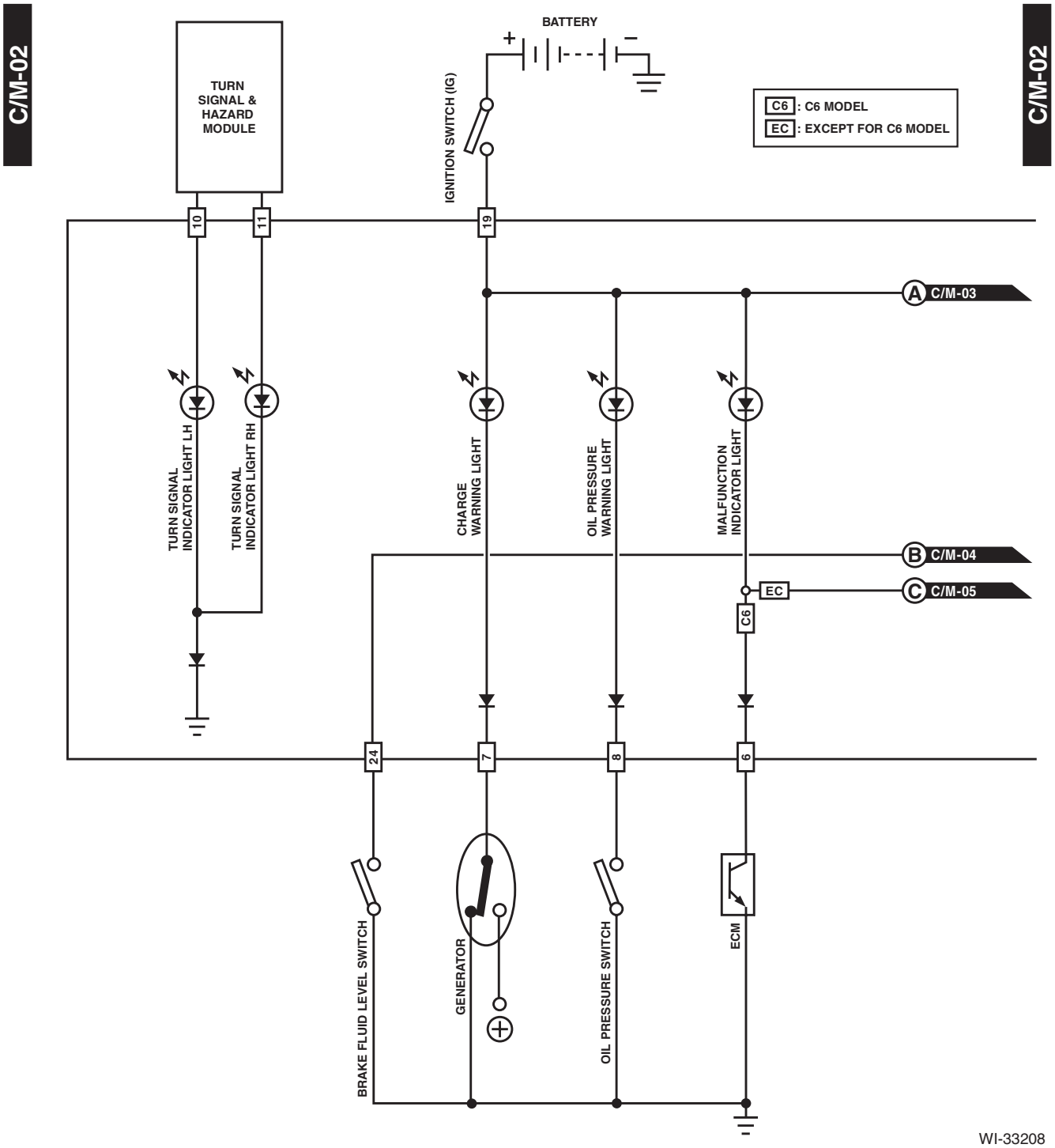
C/M-01

C/M-01

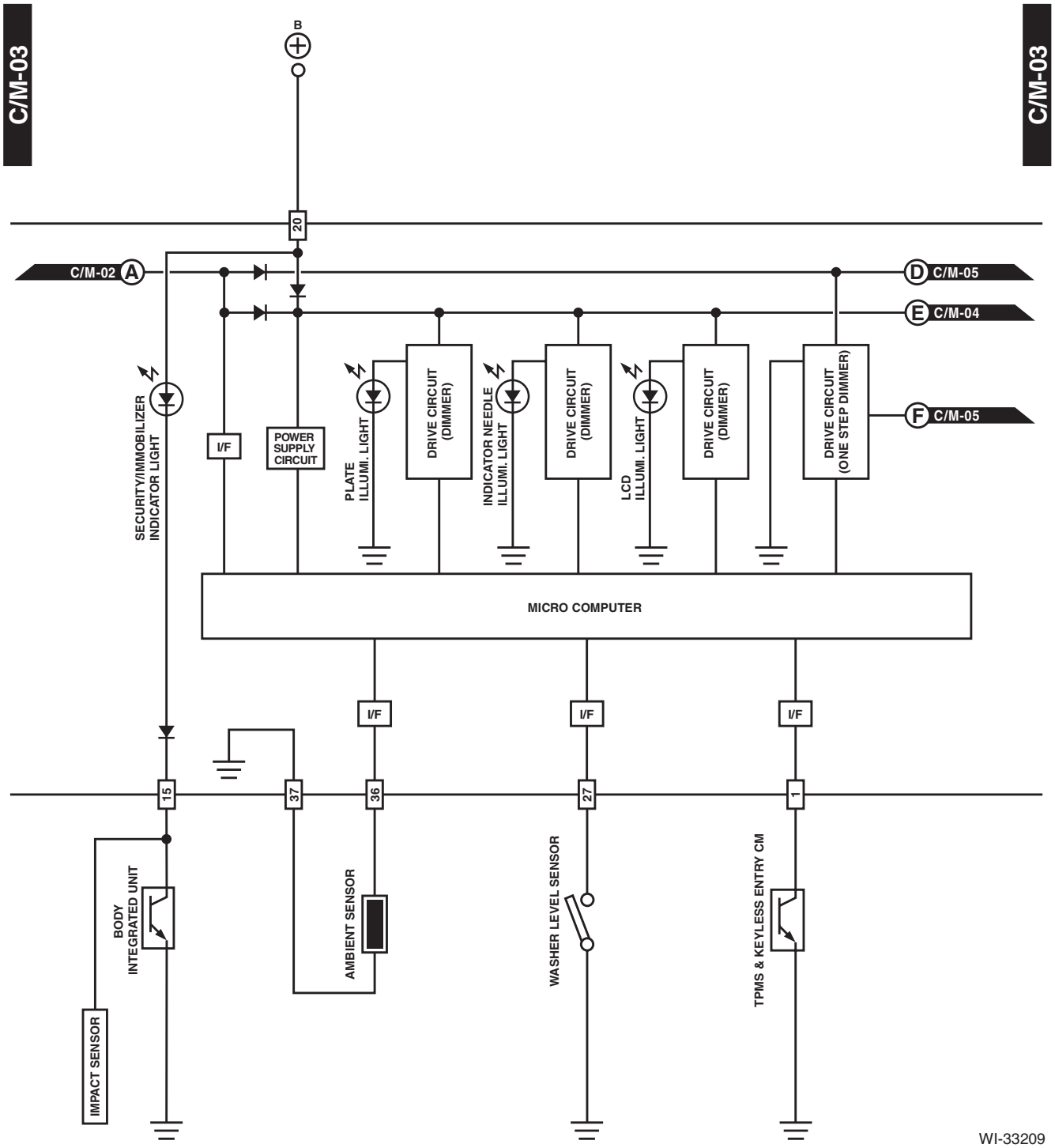


WI-25457

GETtheMANUALS.org



GETtheMANUALS.org



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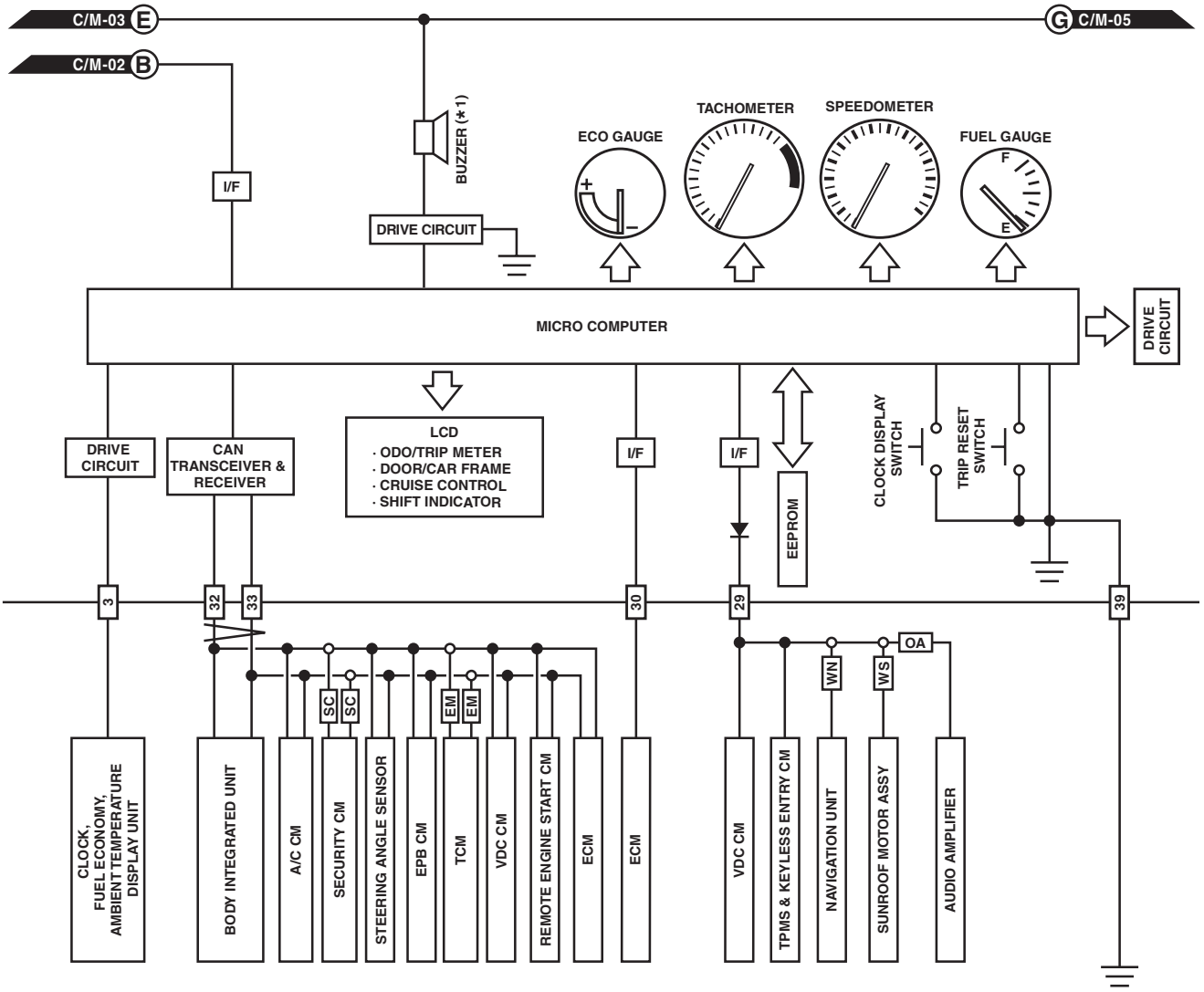
C/M-04

C/M-04

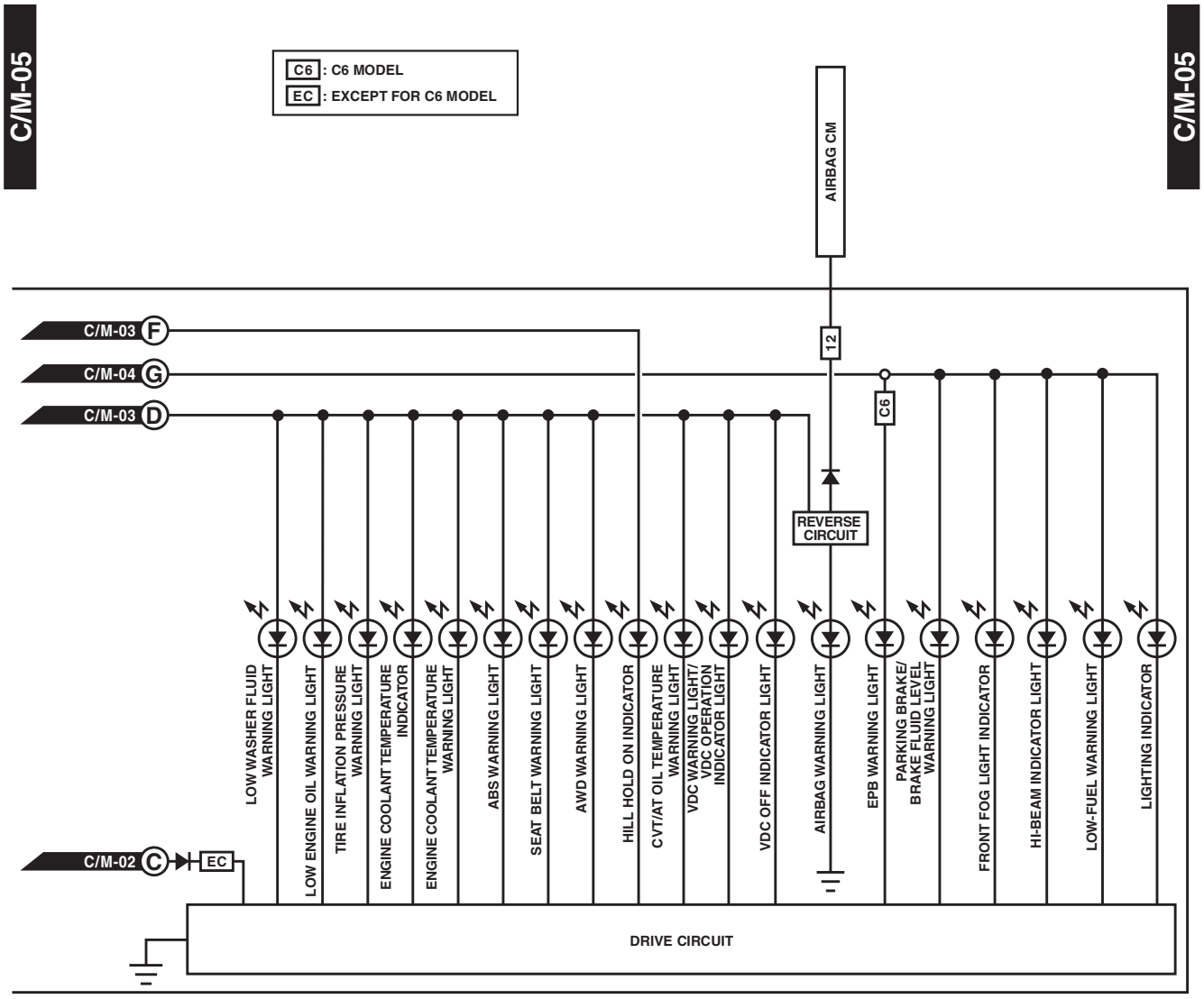
*1 : MANUAL SHIFT
HIGH ENGINE OIL TEMPERATURE
CUSTOMIZED
SEAT BELT
EPB
KEY WARNING
HEADLIGHT ON WARNING

SC : WITH SECURITY CM
OA : EXCEPT FOR NORMAL AUDIO MODEL
WN : WITH NAVIGATION
WS : WITH SUNROOF
EM : EXCEPT FOR MT MODEL



WI-33210

GETtheMANUALS.org

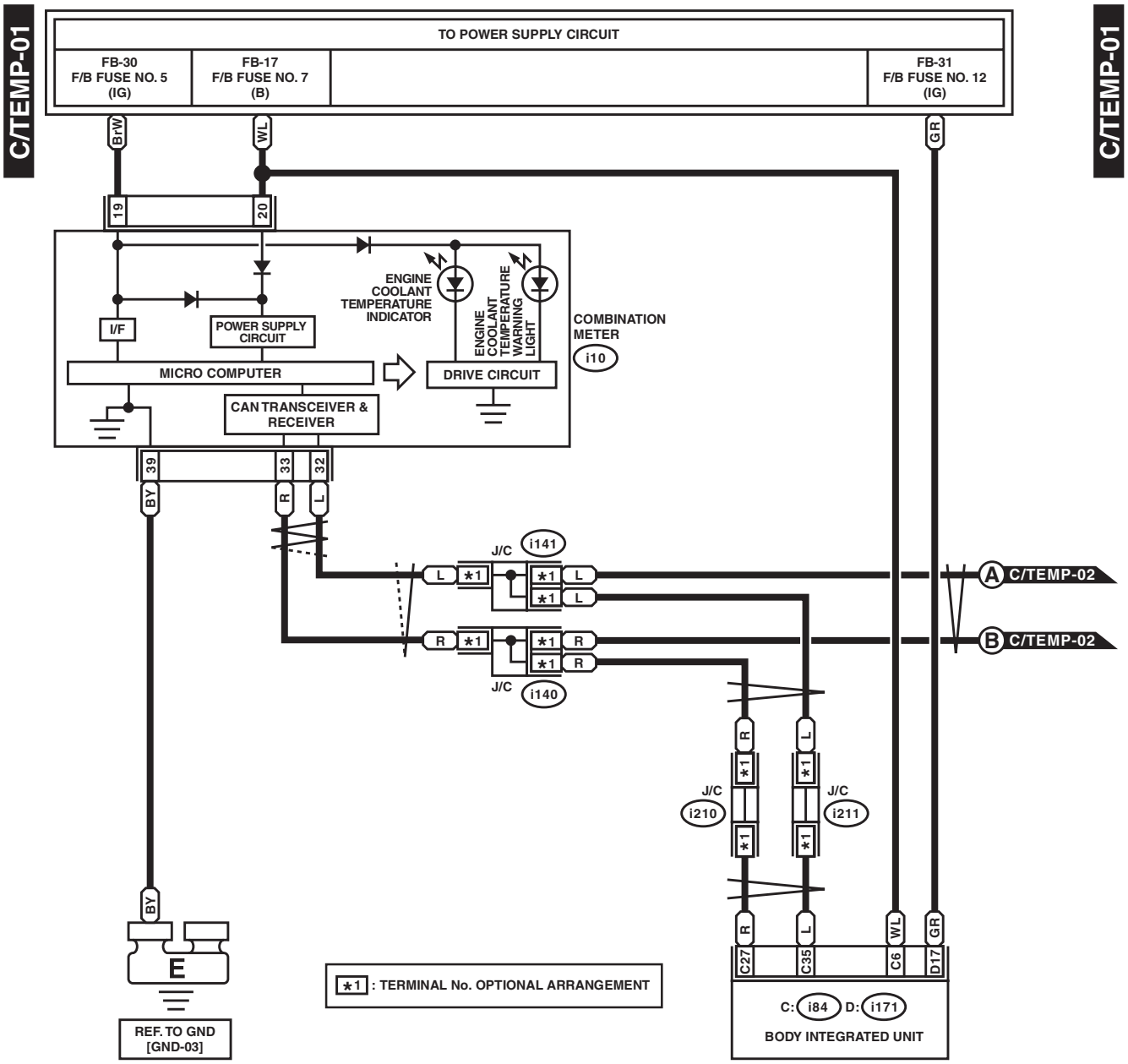


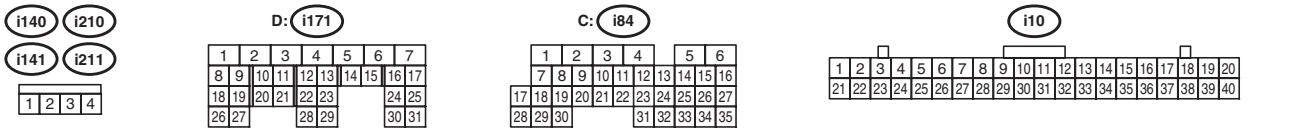
WI-33211

GETtheMANUALS.org

15.Coolant Temperature System

A: WIRING DIAGRAM





WI-33212

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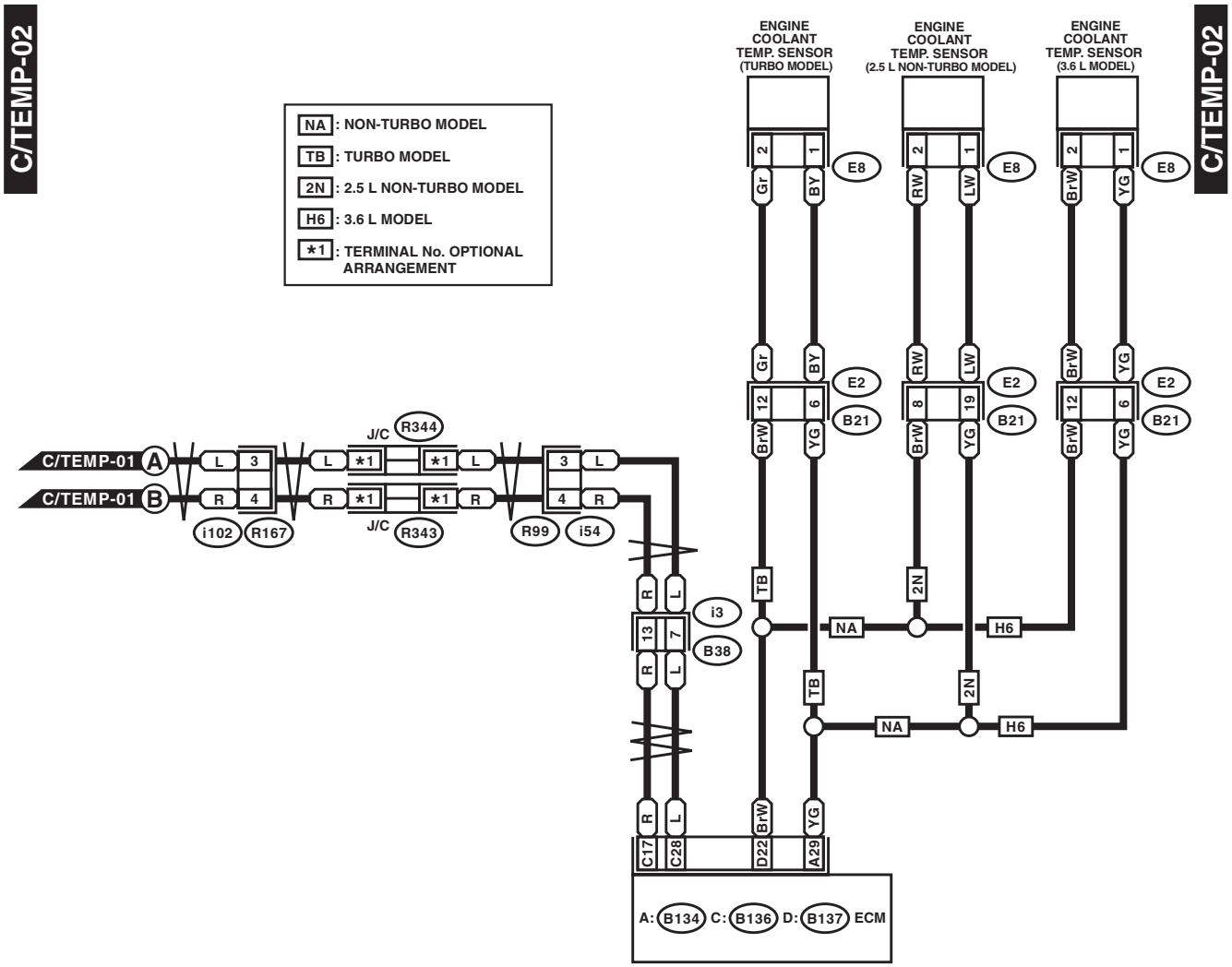
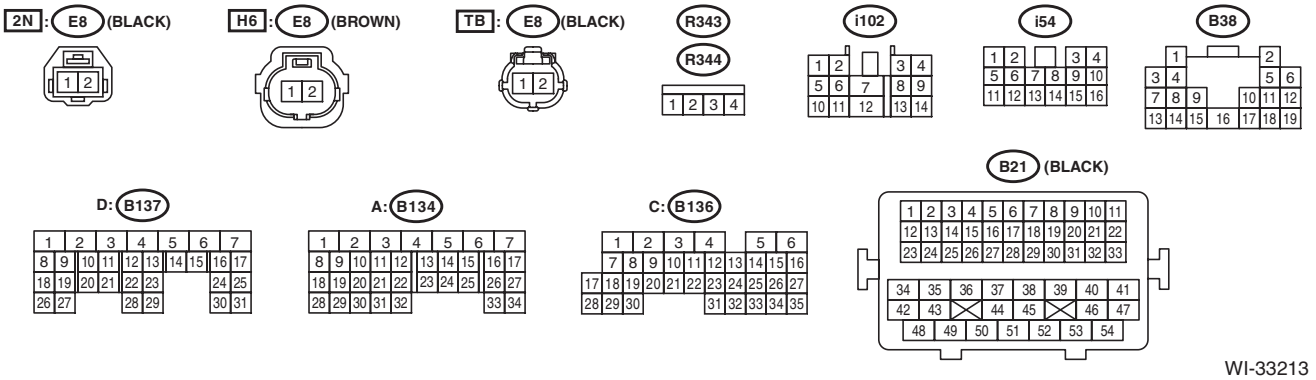
Coolant Temperature System

WIRING SYSTEM





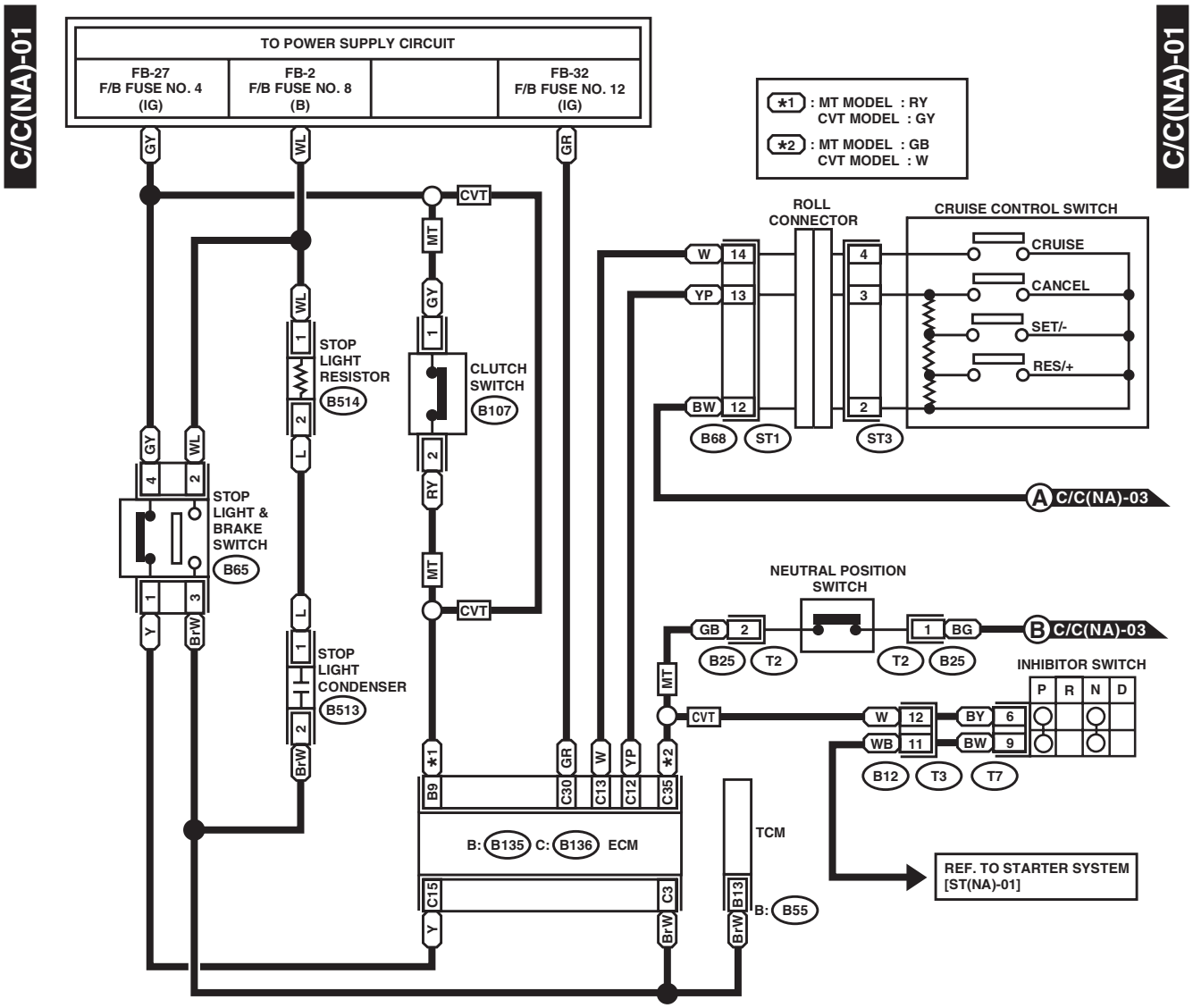
WI-33213

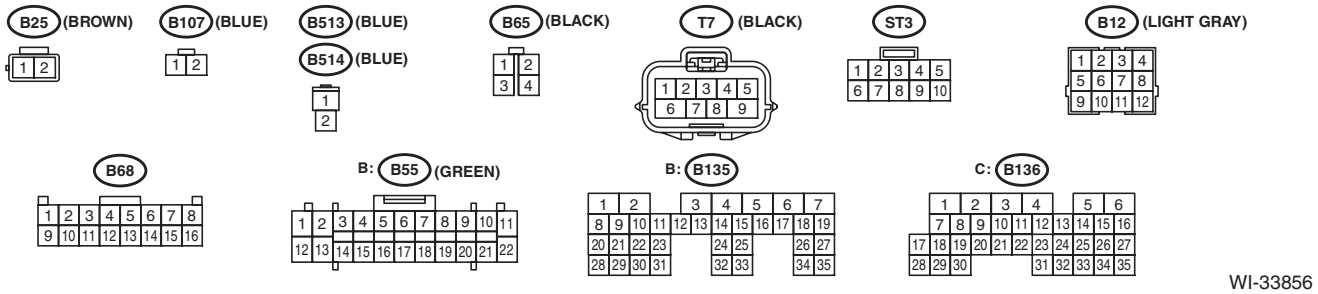
GETtheMANUALS.org

16.Cruise Control System

A: WIRING DIAGRAM

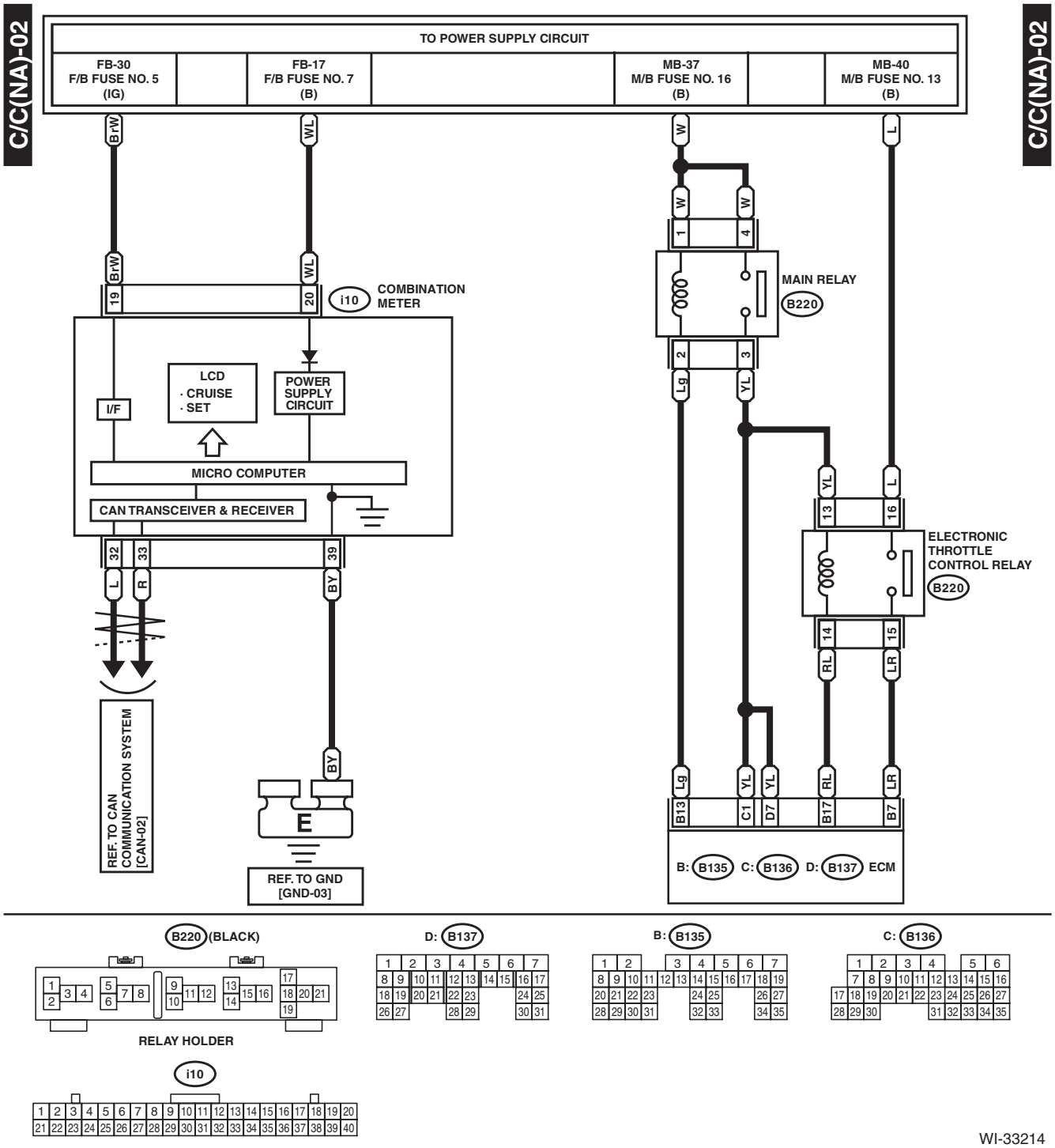
1. 2.5 L NON-TURBO MODEL





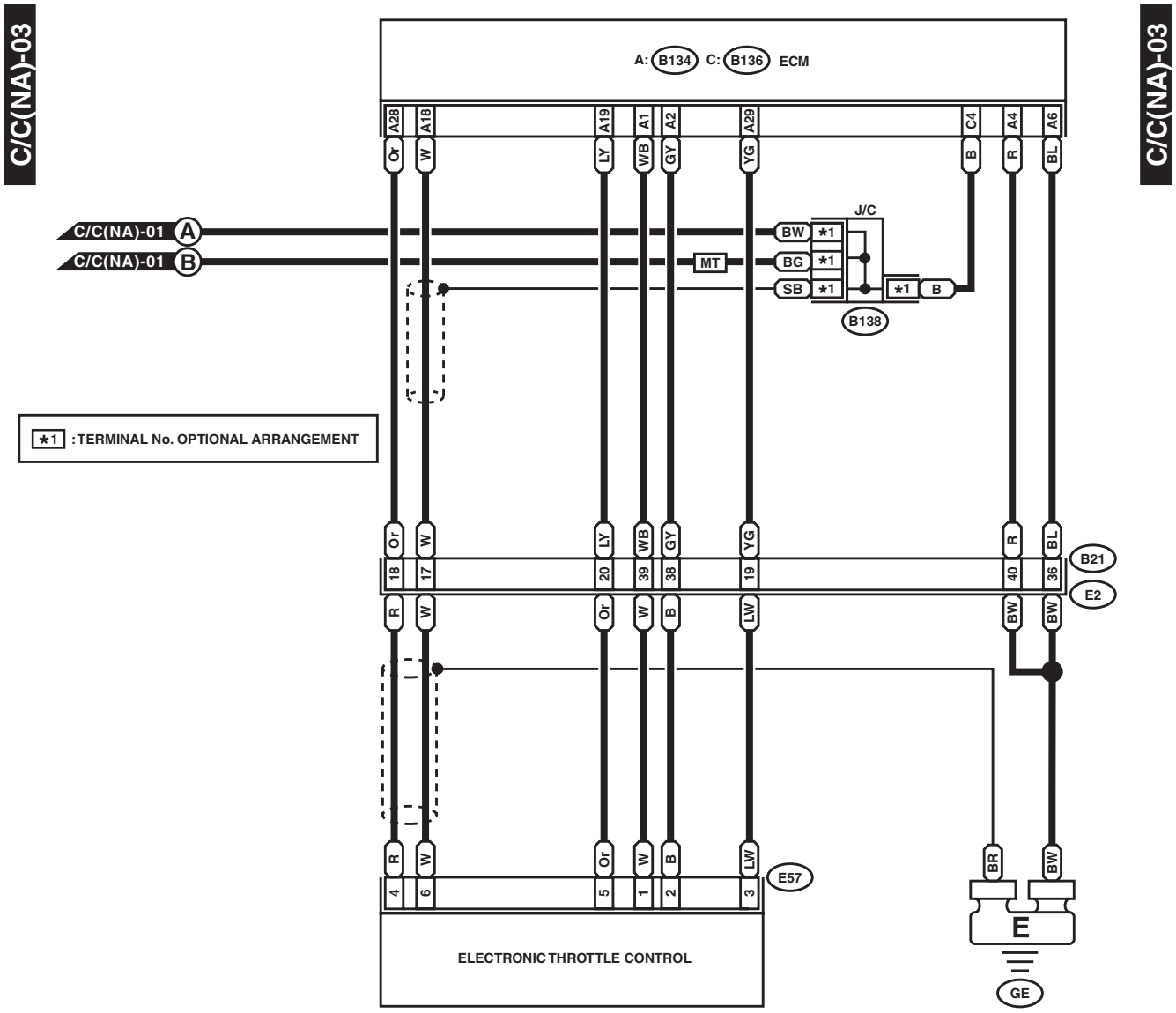
WI-33856

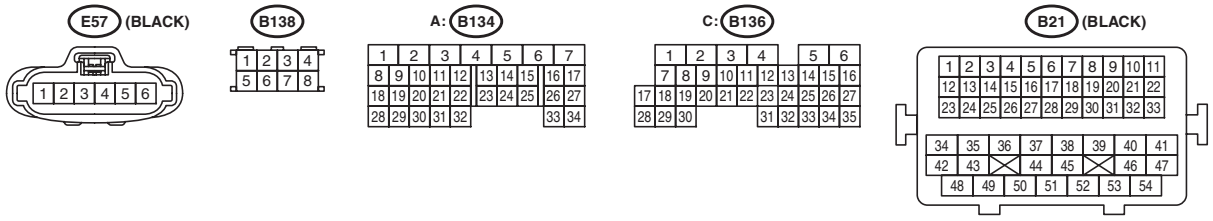
GETtheMANUALS.org



WI-33214

GETtheMANUALS.org





WI-30598

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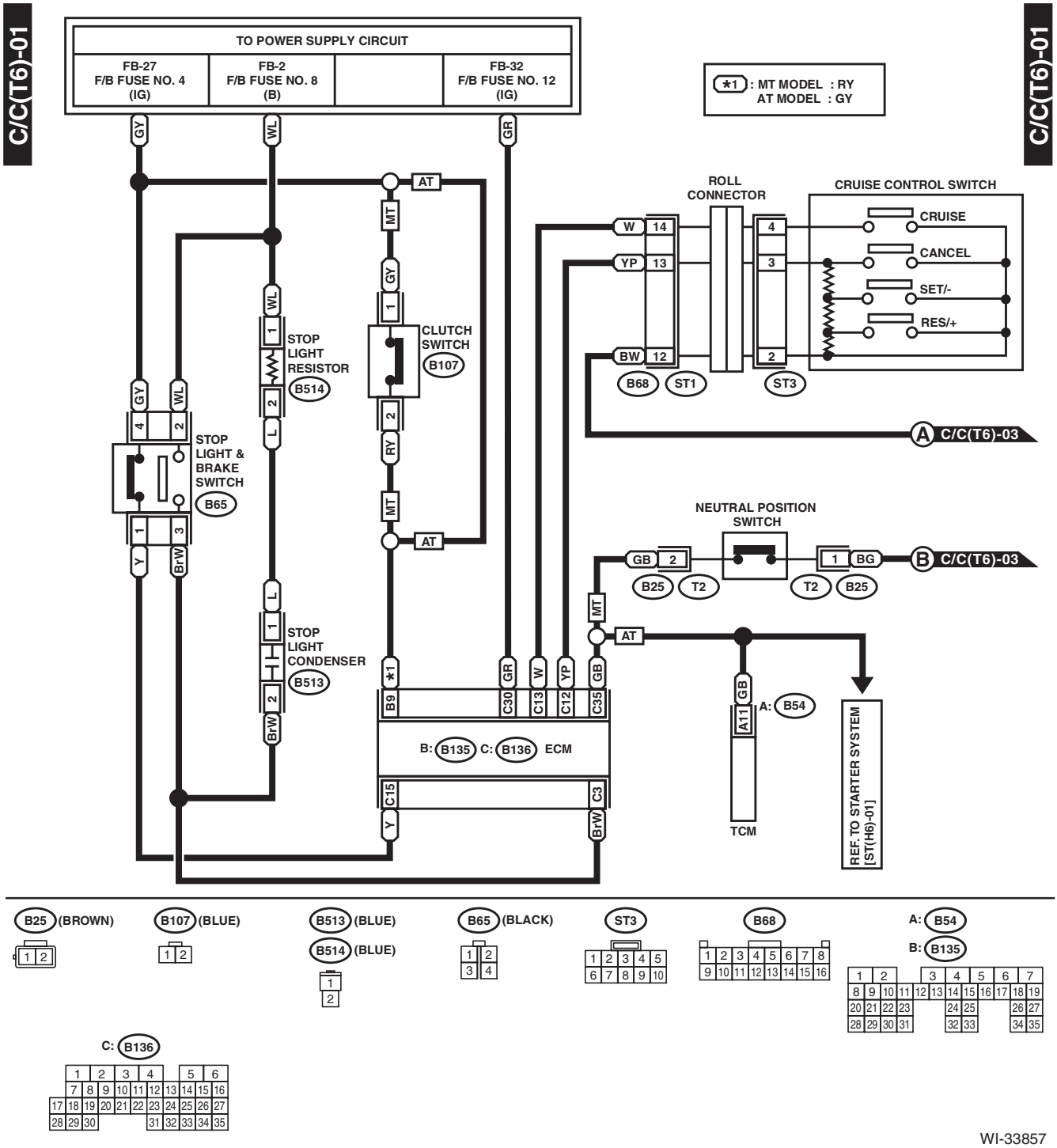
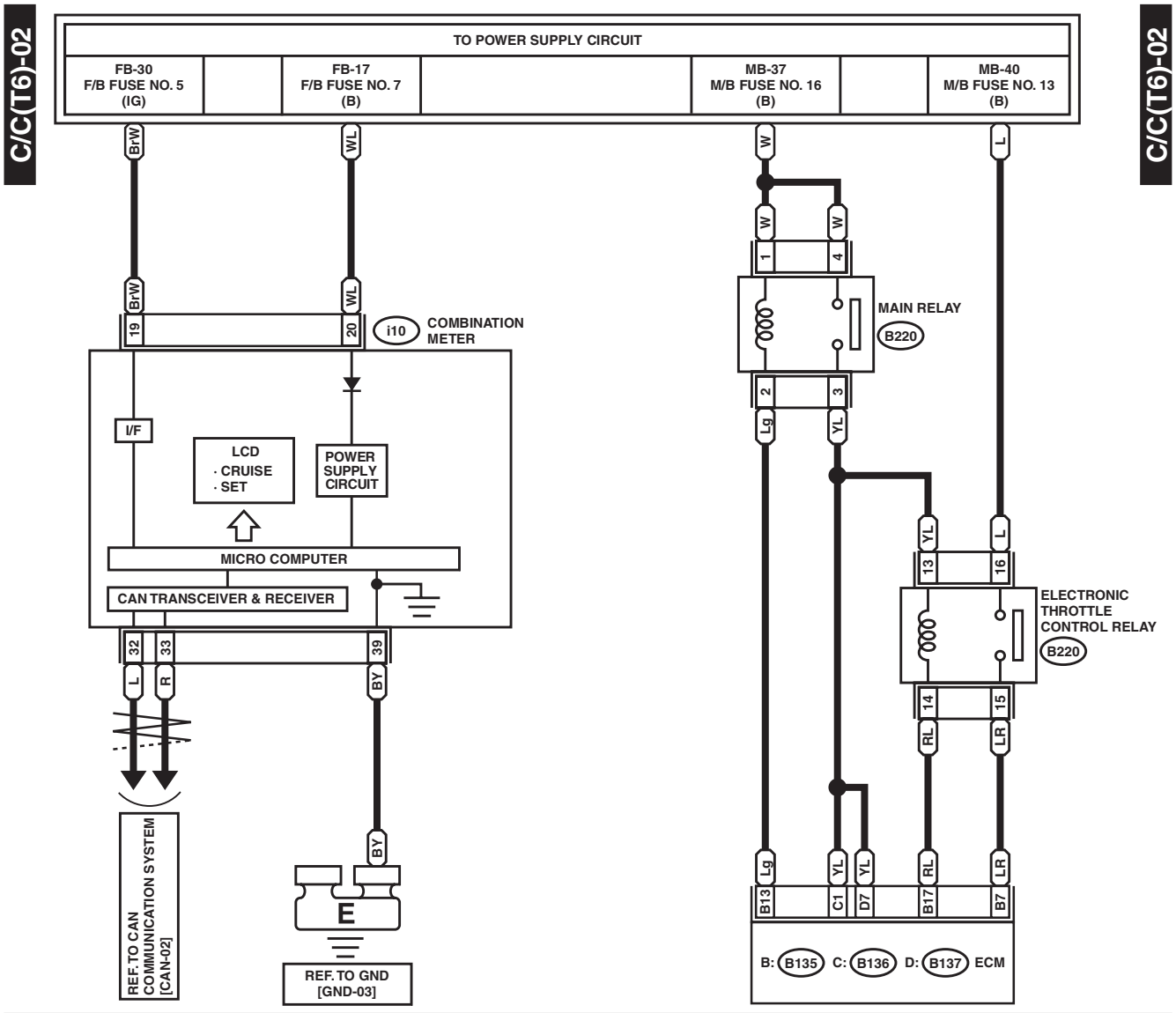
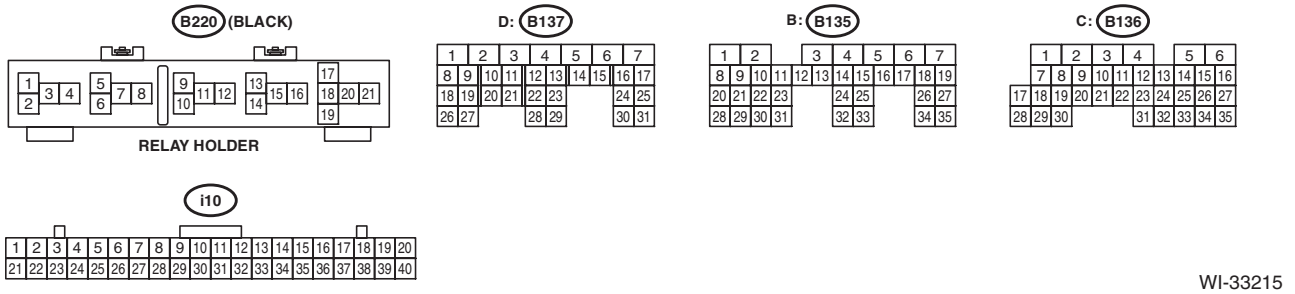
2. EXCEPT FOR 2.5 L NON-TURBO MODEL



WI-33857

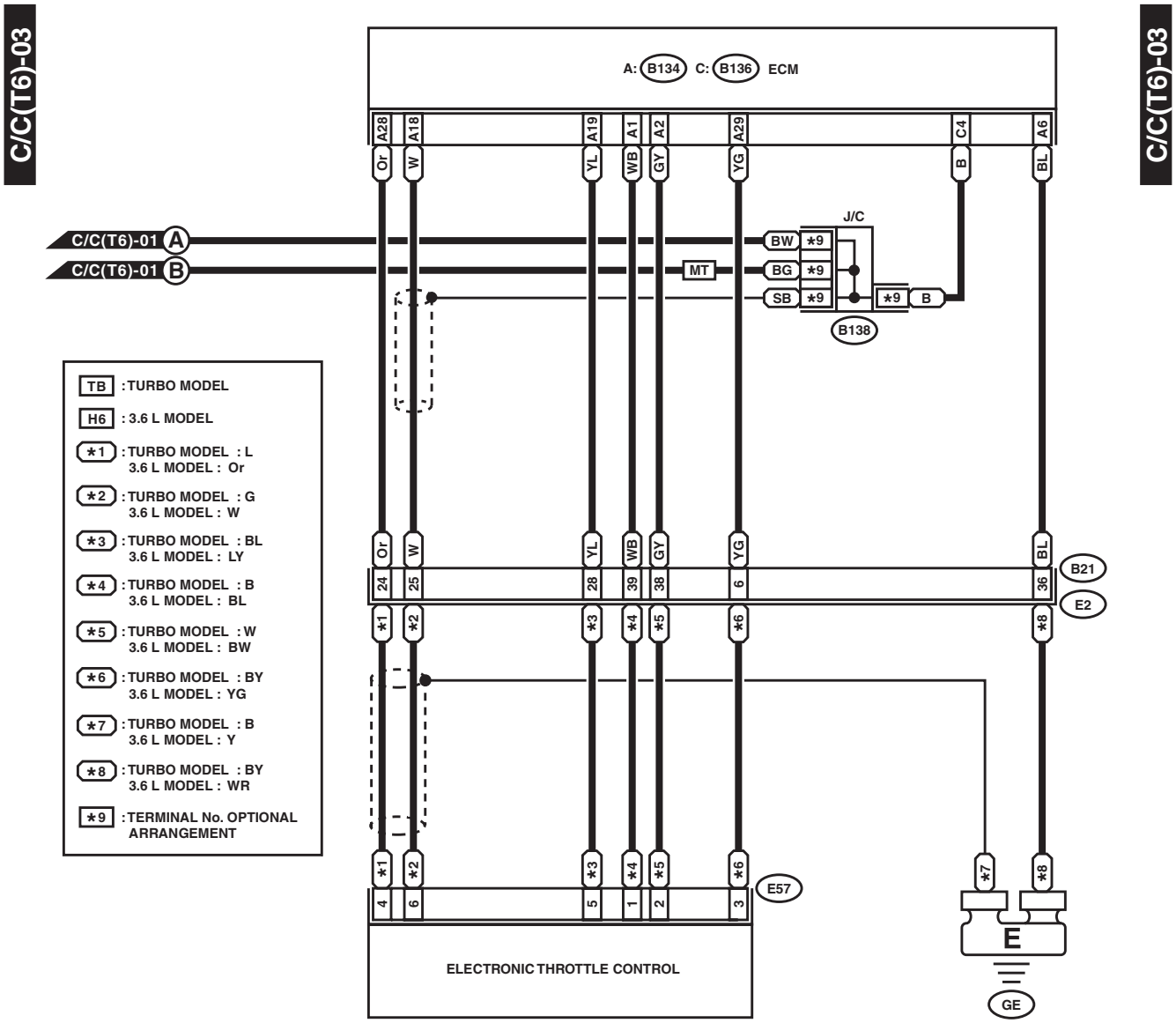
GETtheMANUALS.org

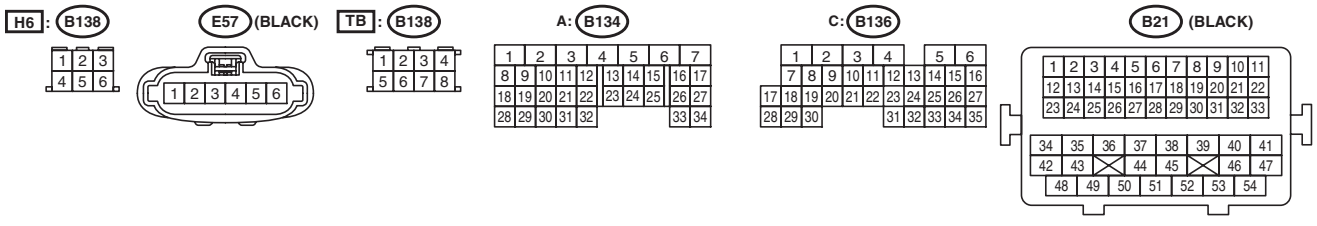




WI-33215

GETtheMANUALS.org





WI-30599

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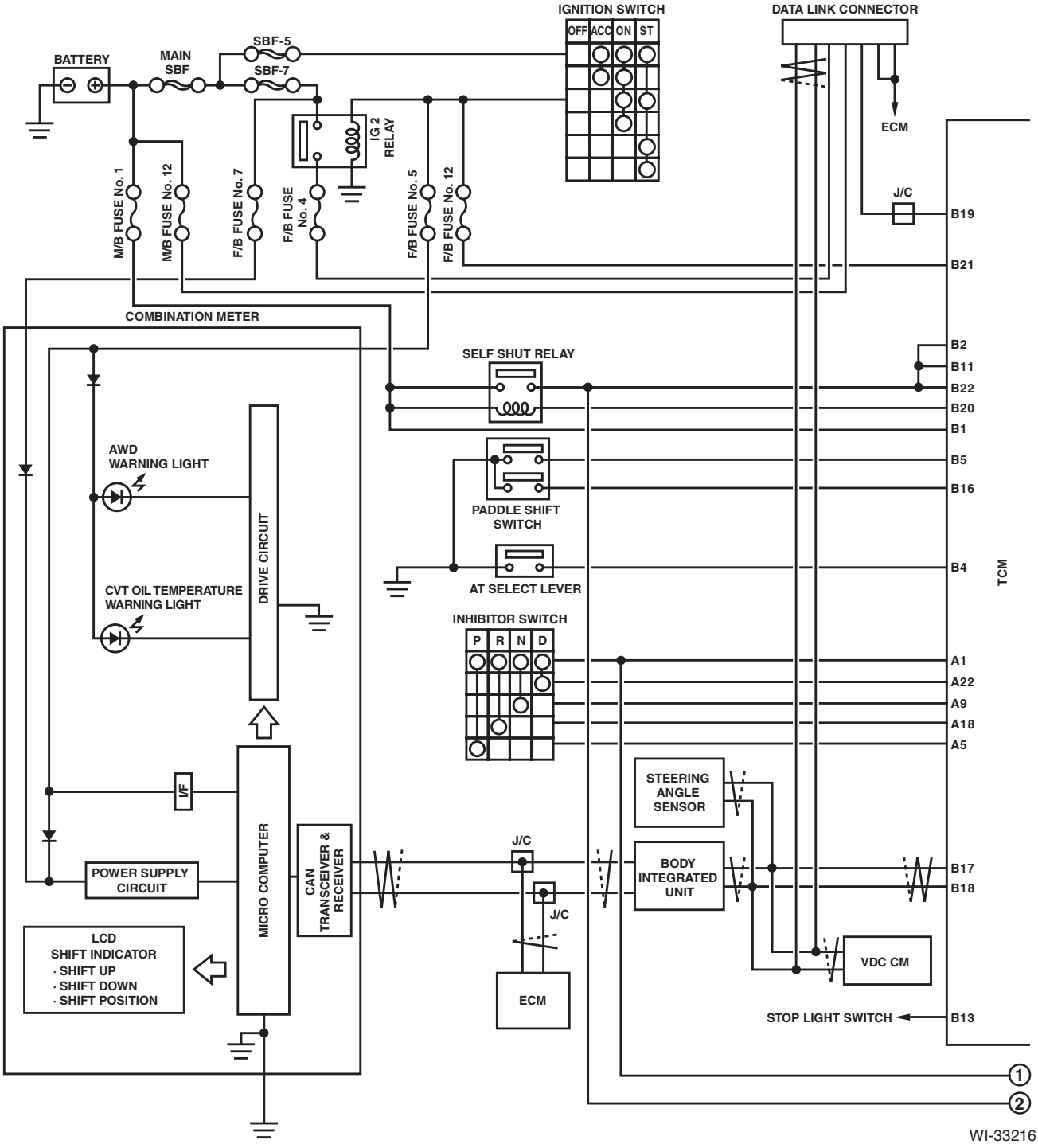
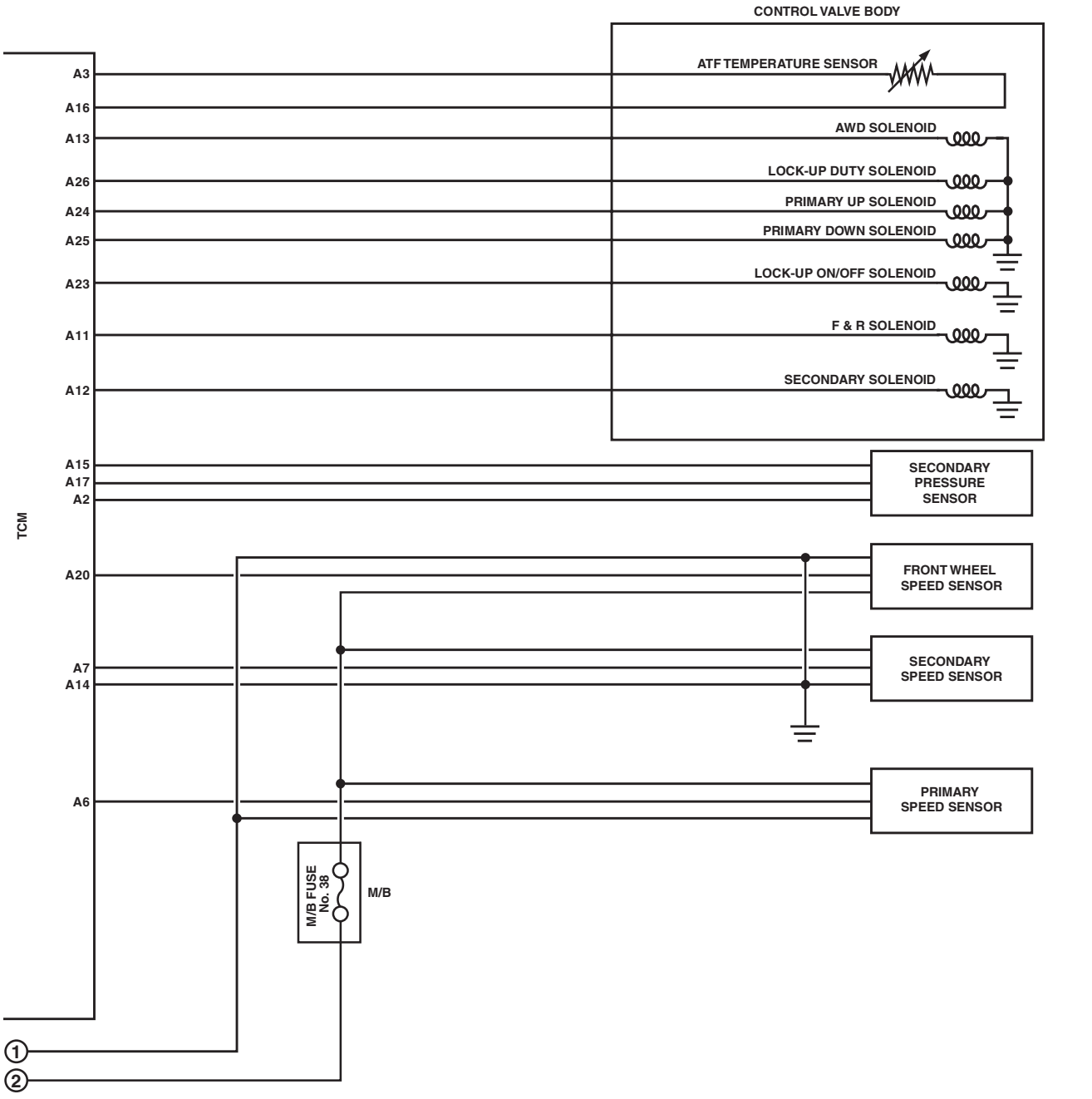
17.CVT Control System

A: WIRING DIAGRAM



GETtheMANUALS.org



WI-29349

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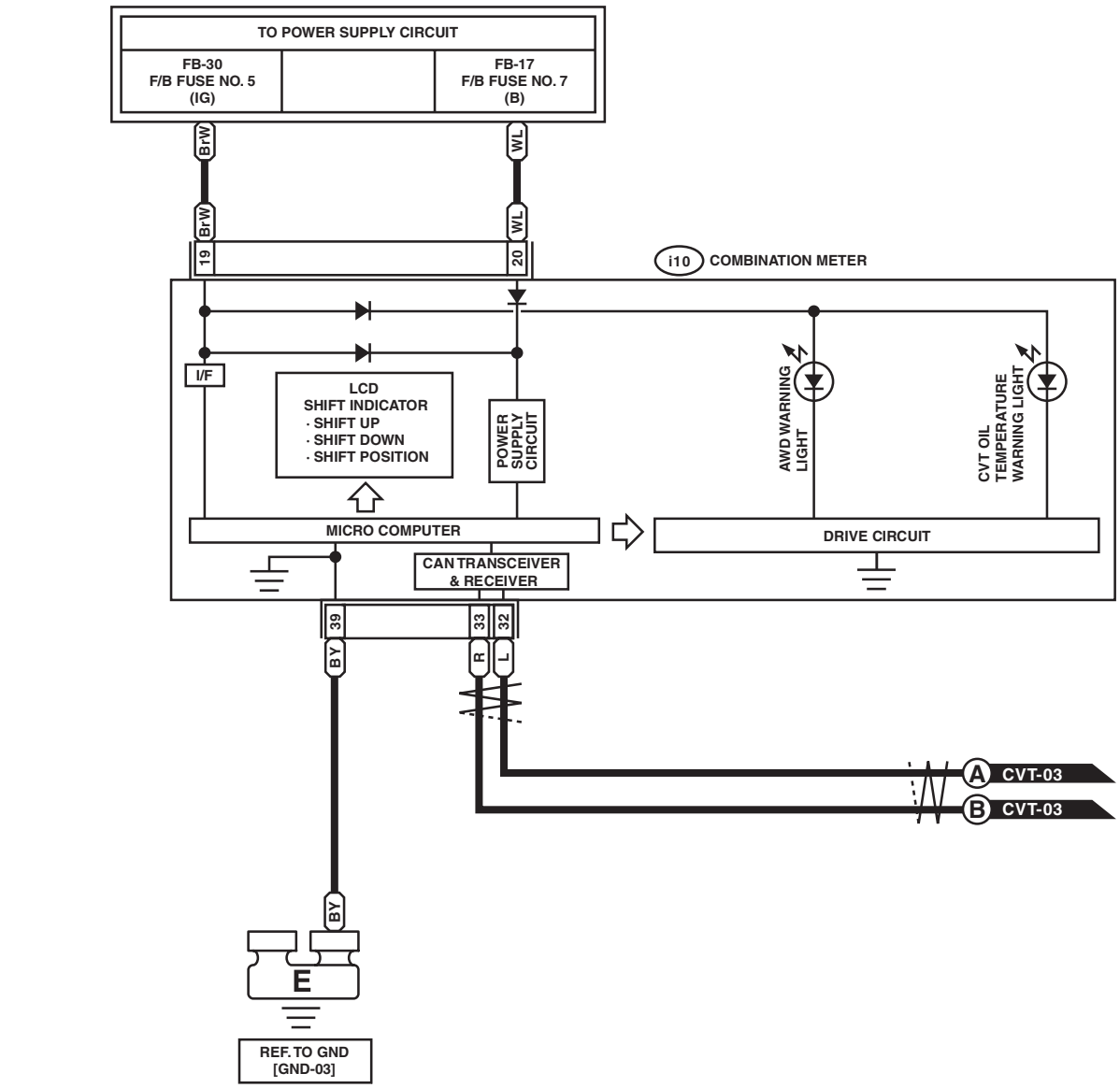
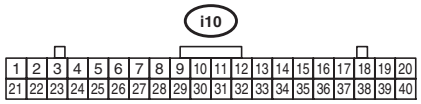
CVT-01





WI-29350

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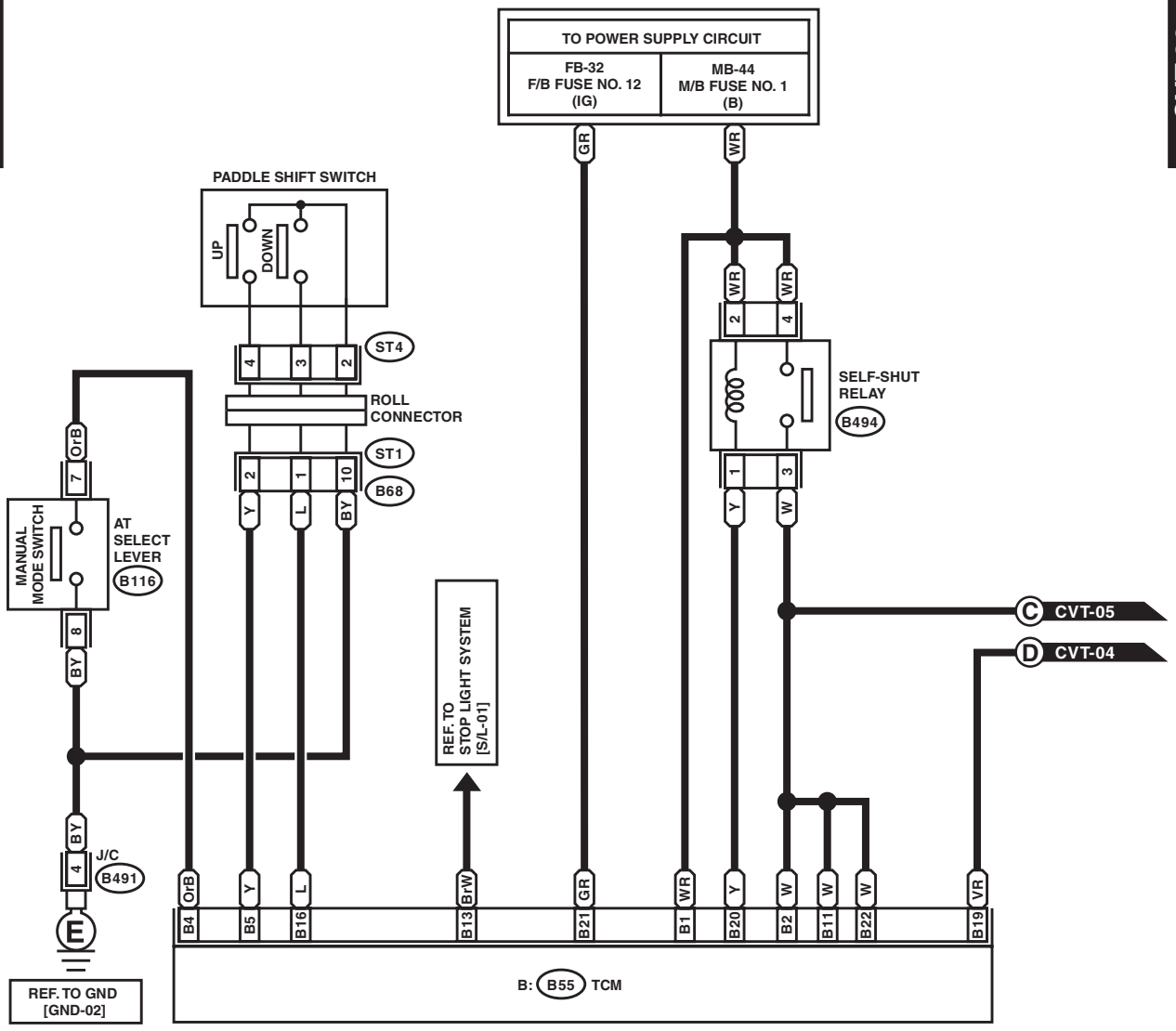
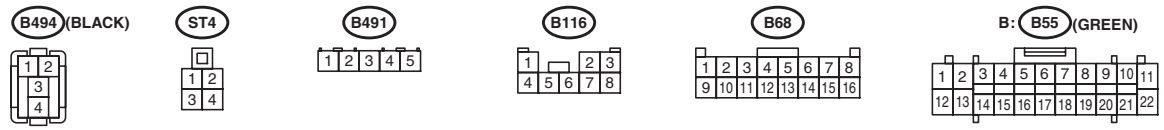
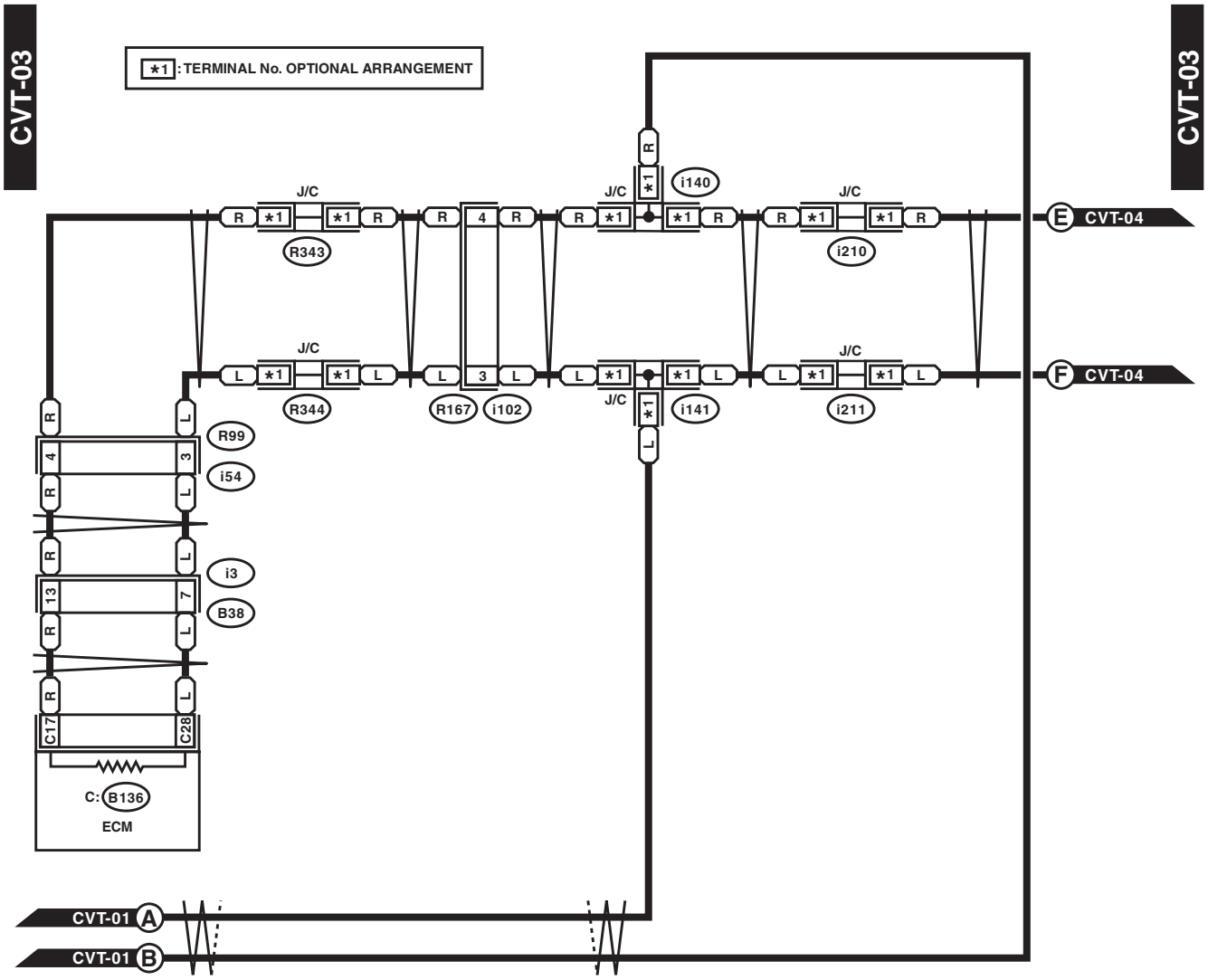
CVT-02

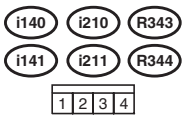


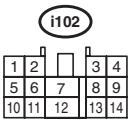


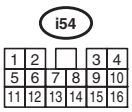
WI-25473

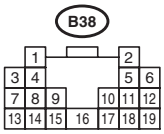
GETtheMANUALS.org

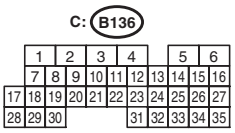












WI-33217

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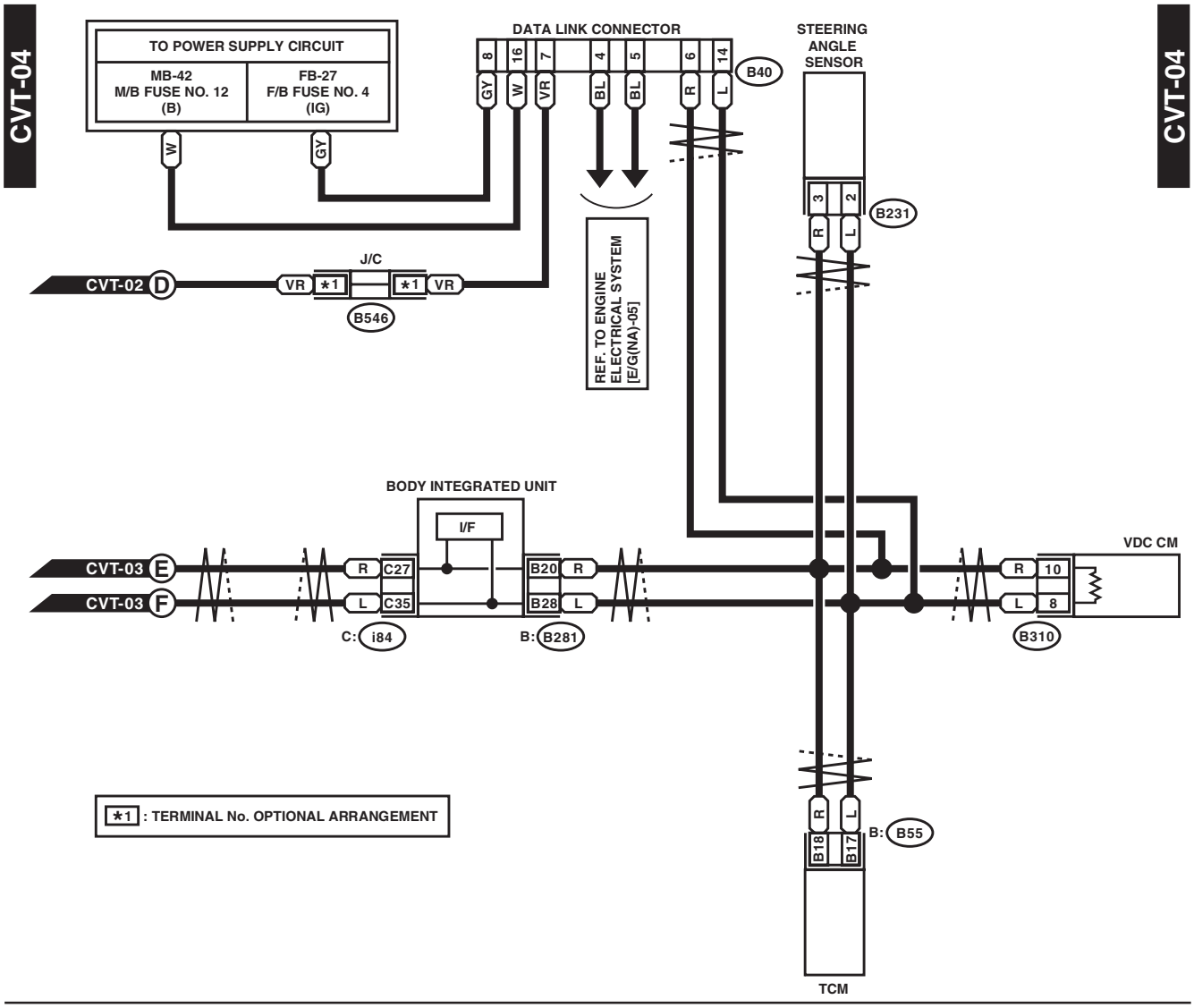
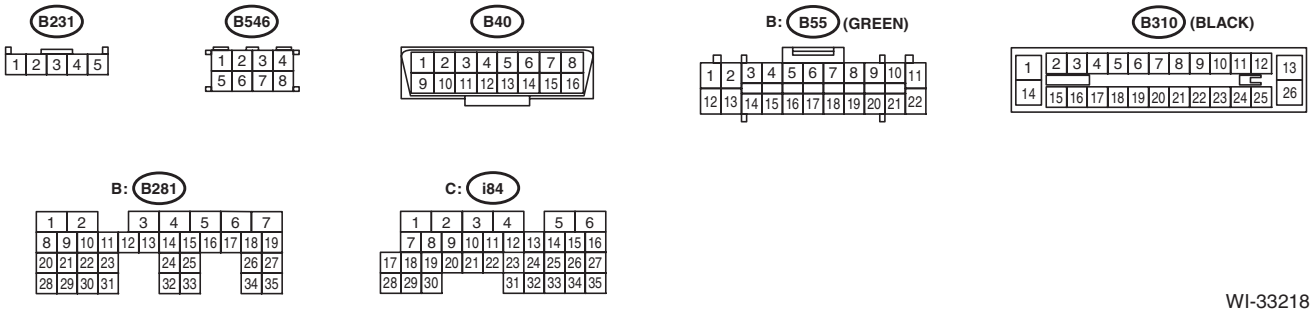
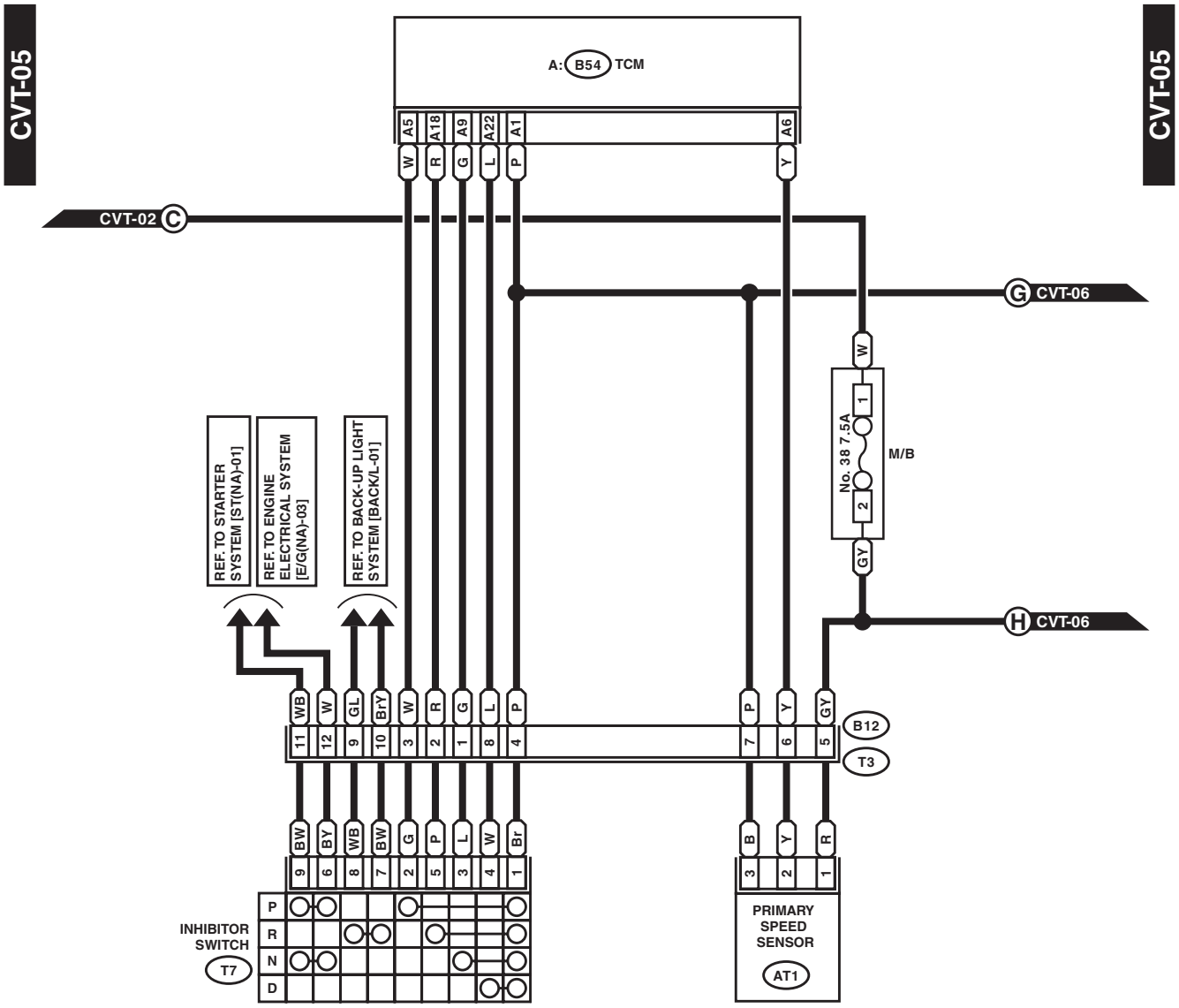
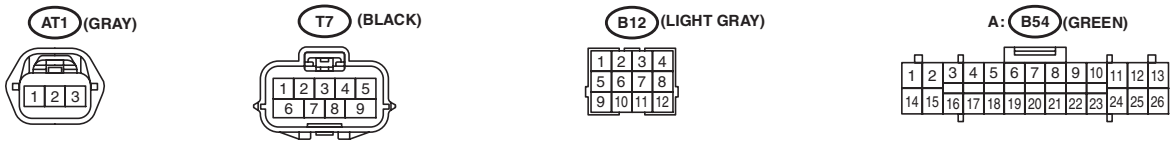




WI-33218

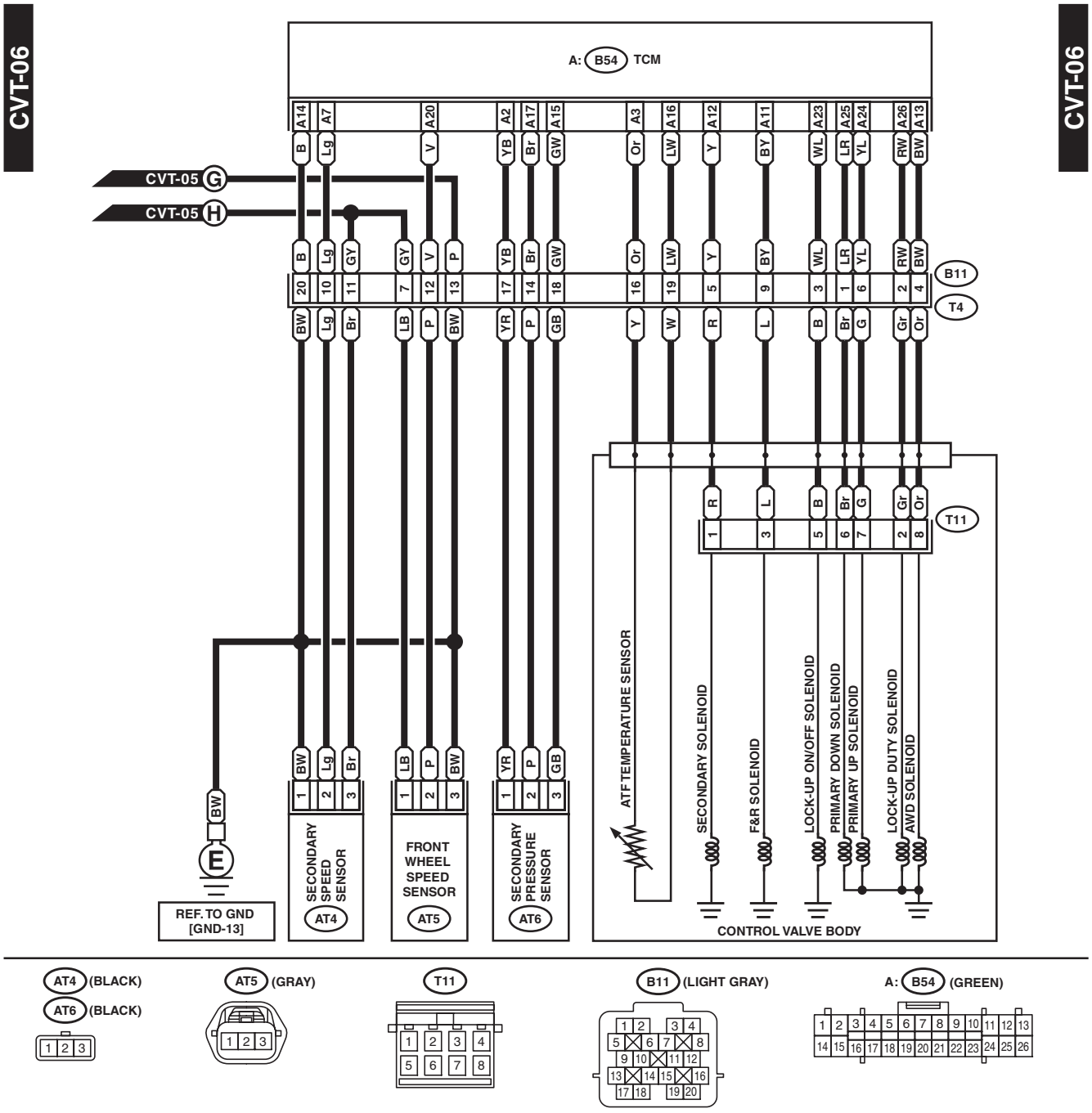
GETtheMANUALS.org





WI-25476

GETtheMANUALS.org



WI-25477

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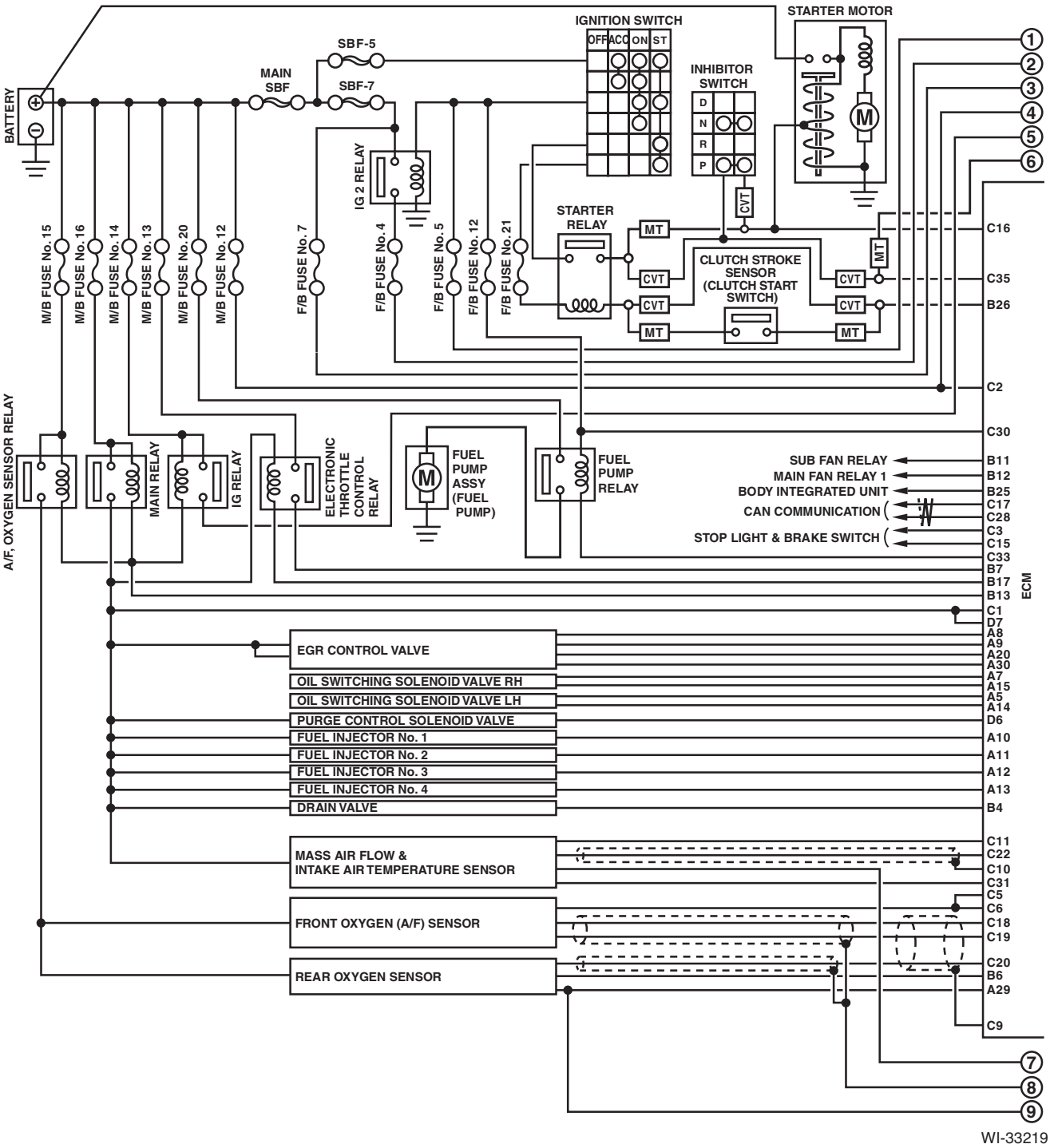
18.Engine Electrical System

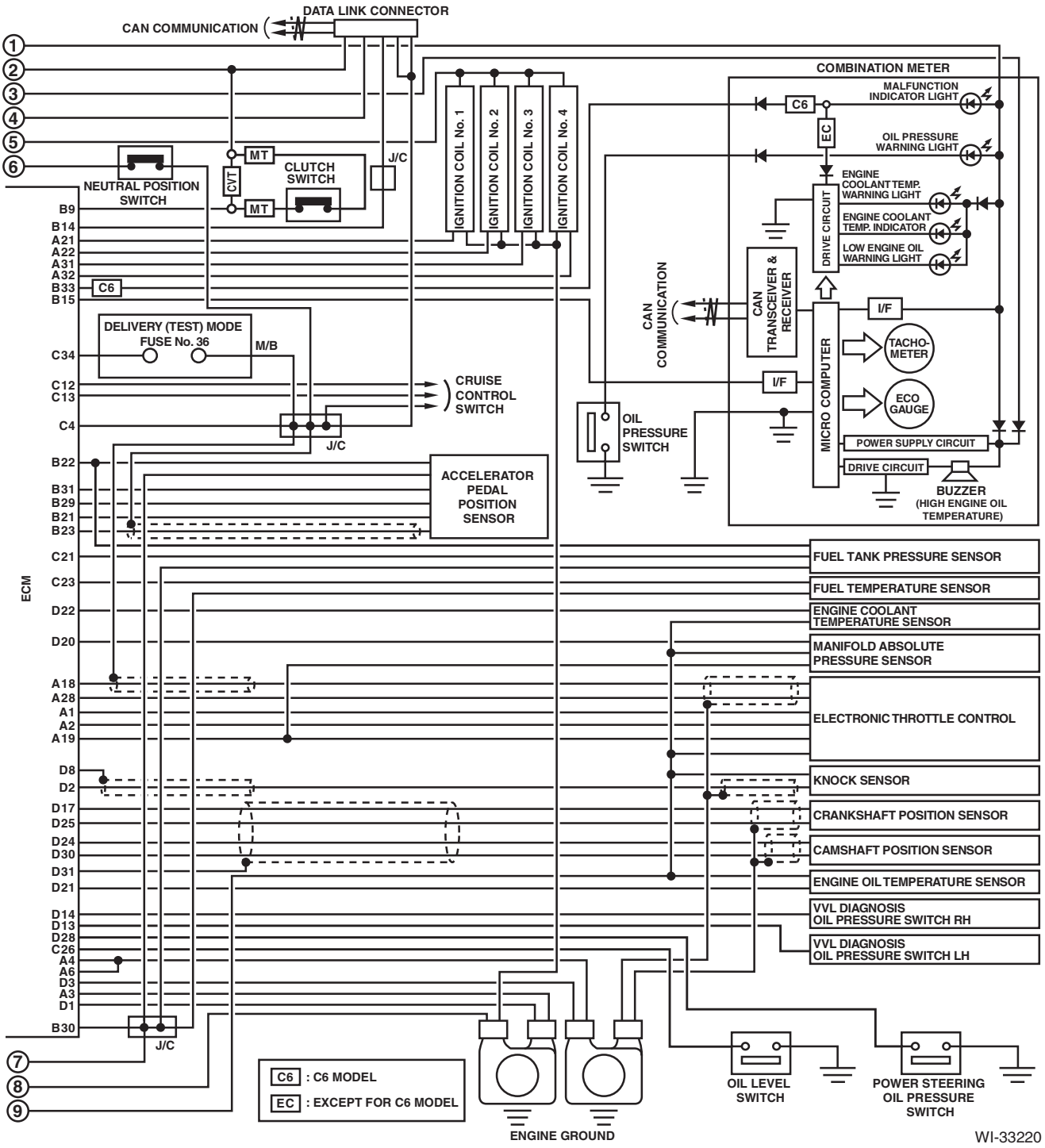
A: WIRING DIAGRAM

1. 2.5 L NON-TURBO MODEL

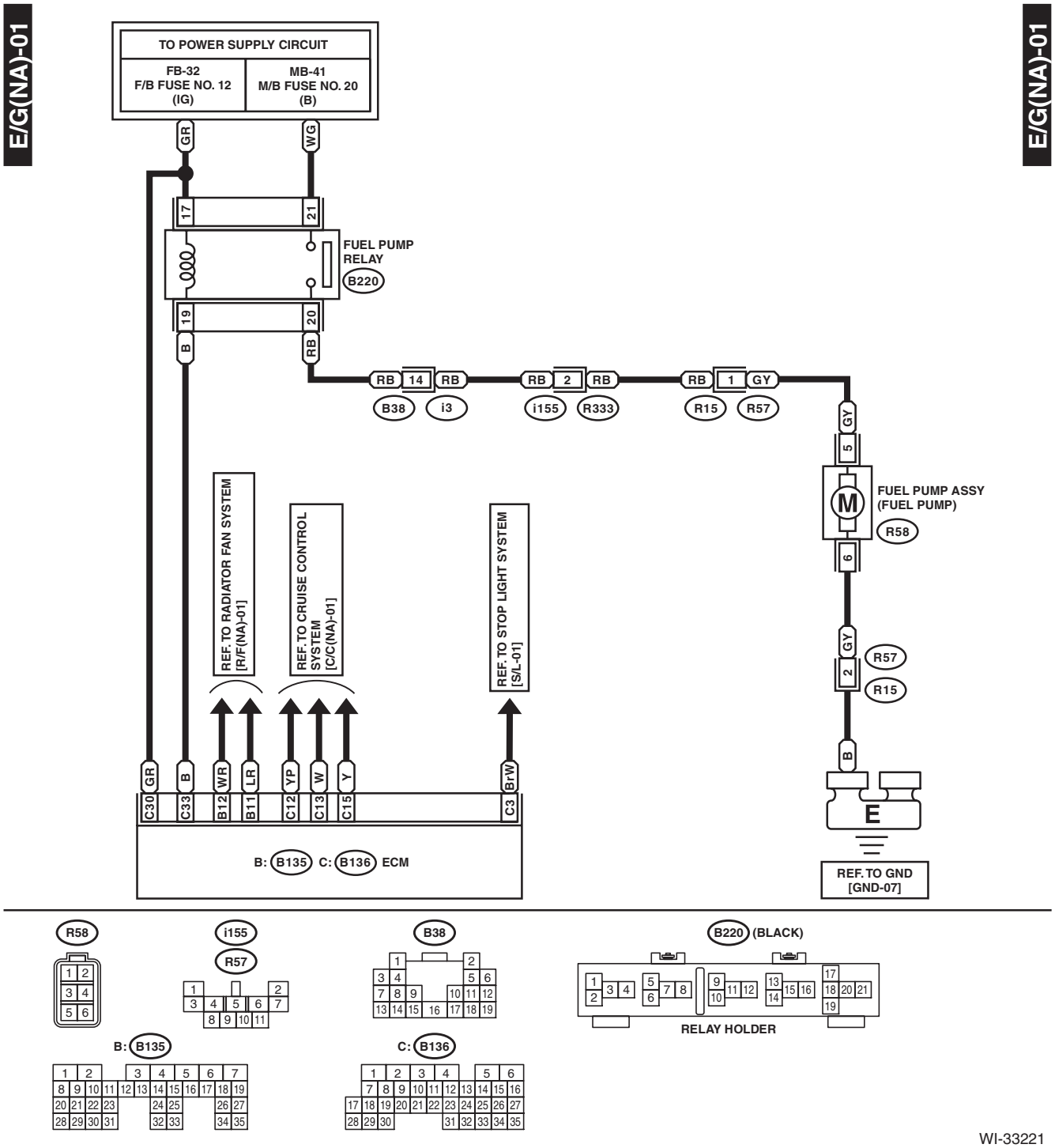


WI-33219

GETtheMANUALS.org

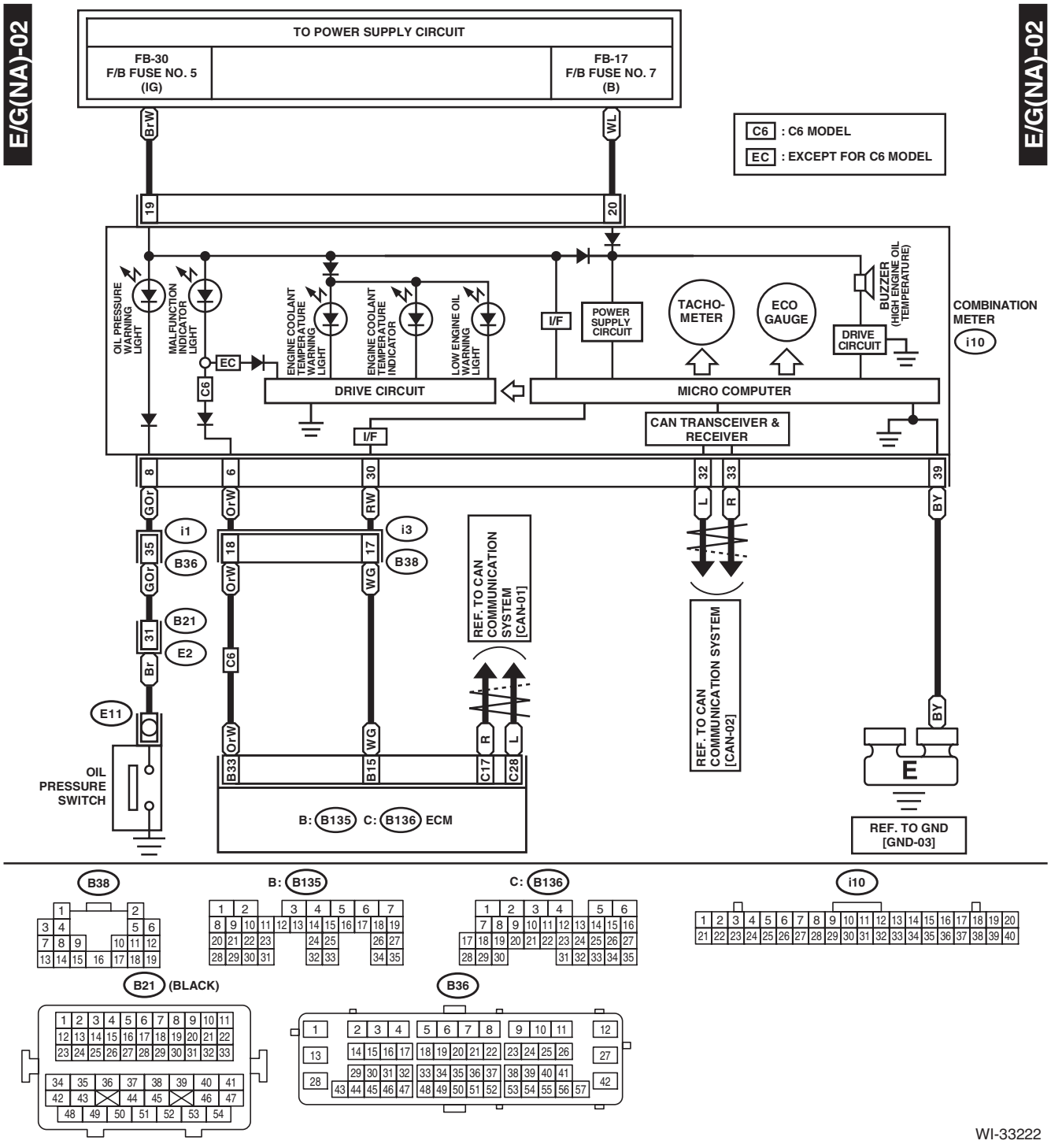


GETtheMANUALS.org



WI-33221

GETtheMANUALS.org



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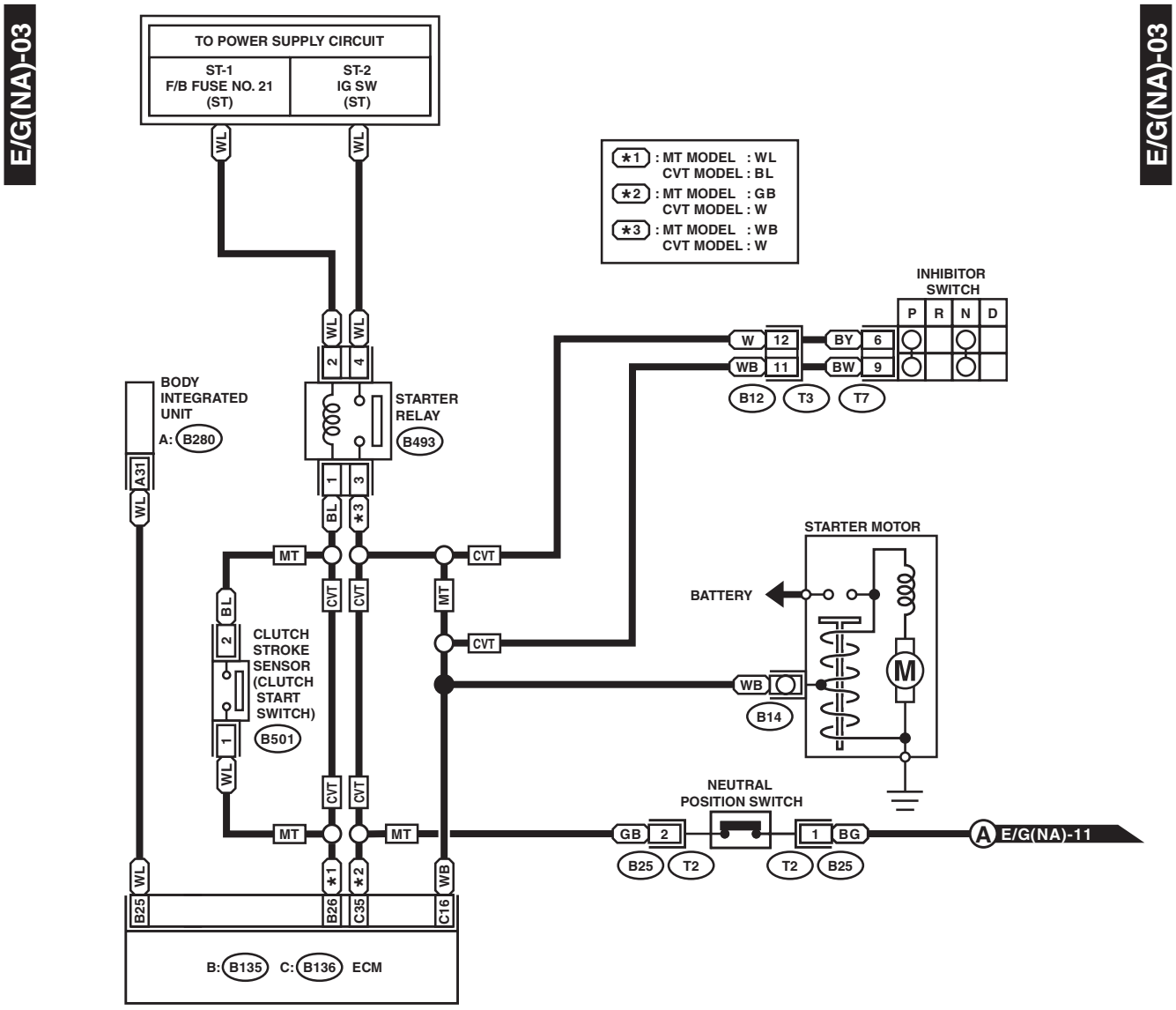
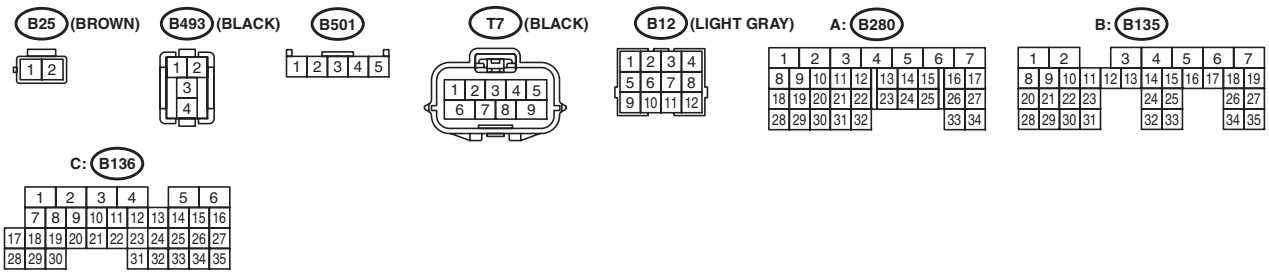
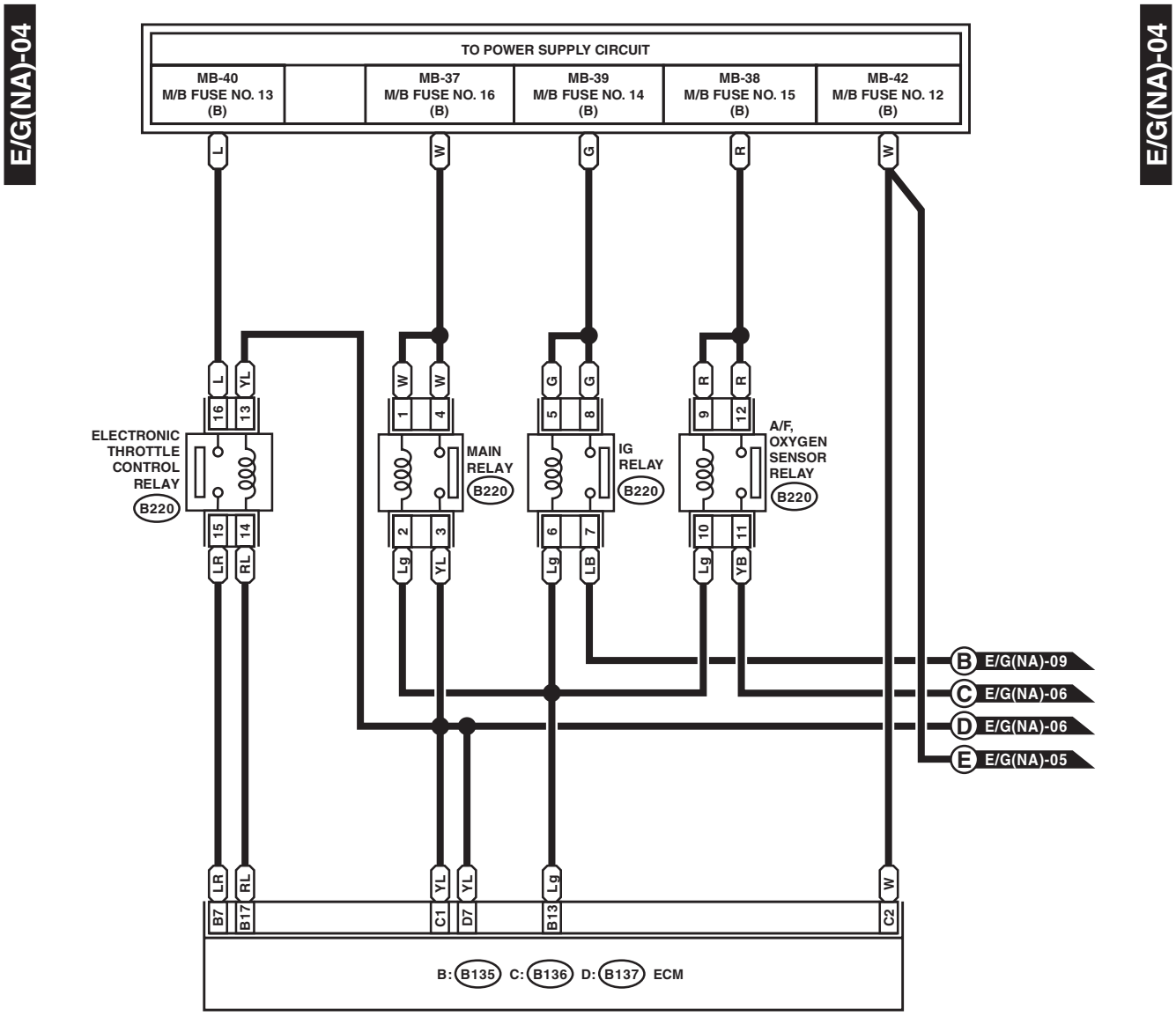
WIRING SYSTEM

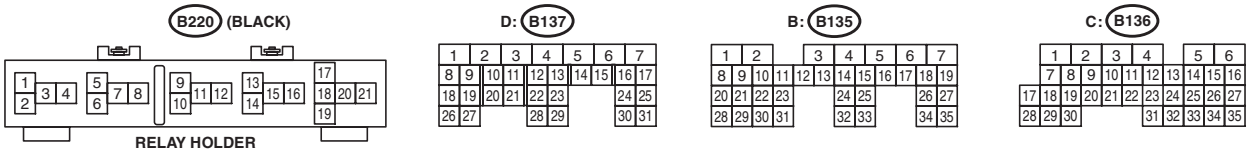




WI-25485

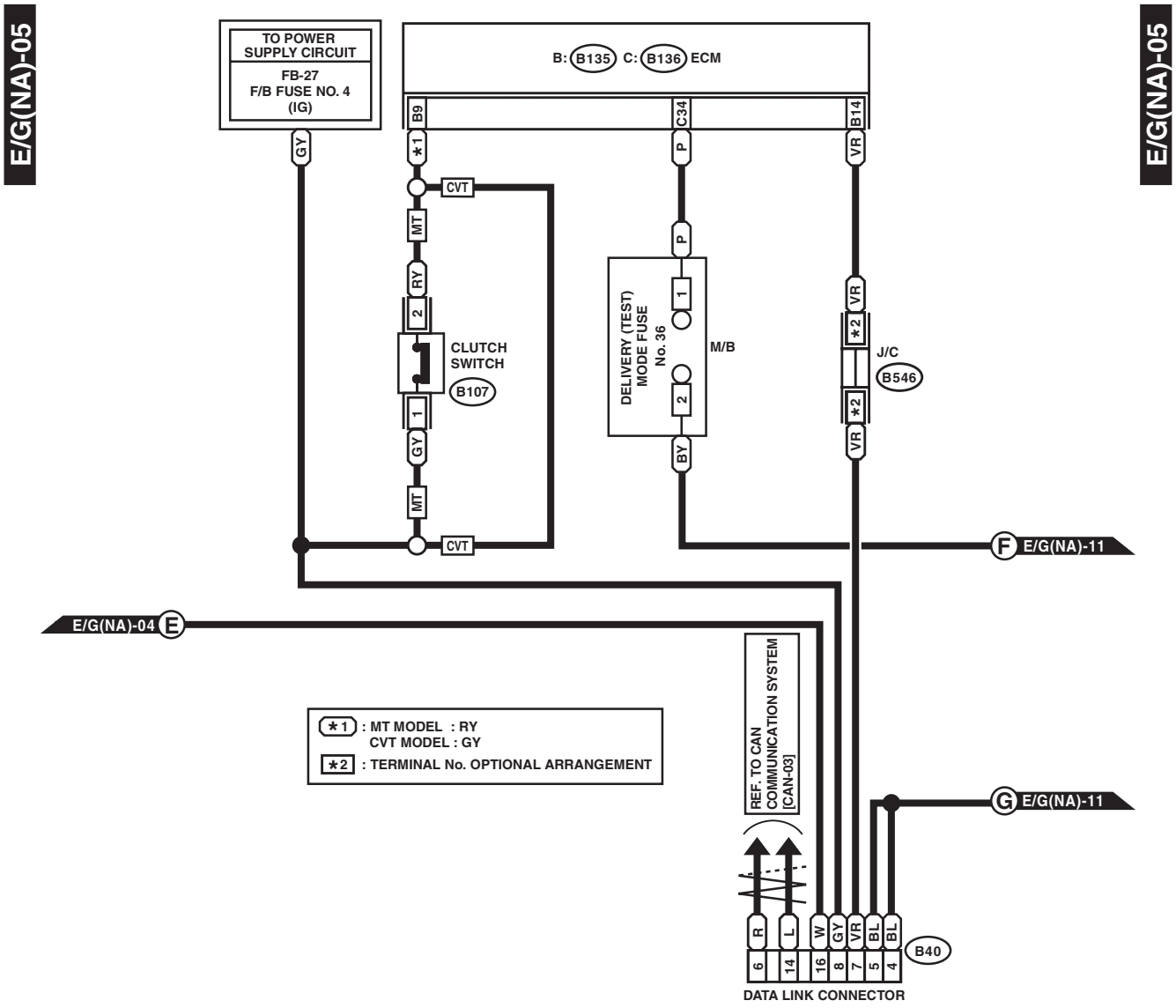
GETtheMANUALS.org

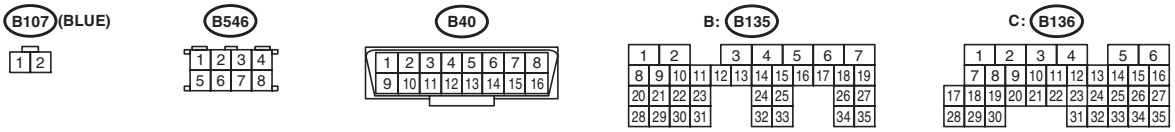




WI-33223

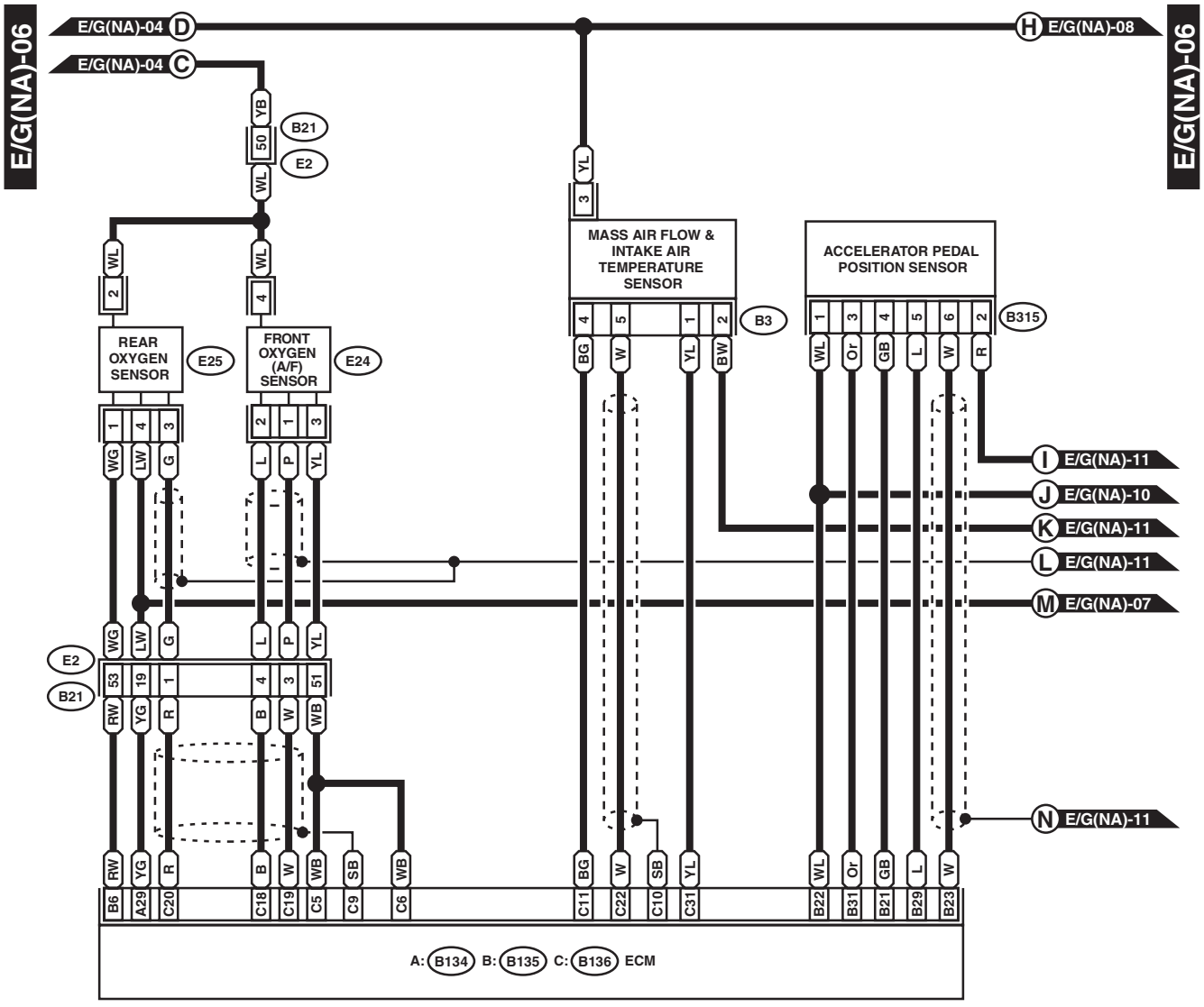
GETtheMANUALS.org

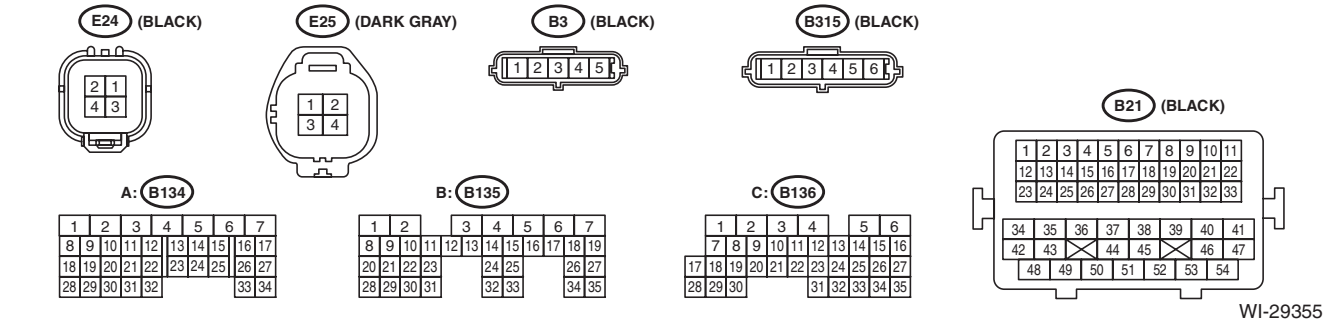




WI-33224

GETtheMANUALS.org





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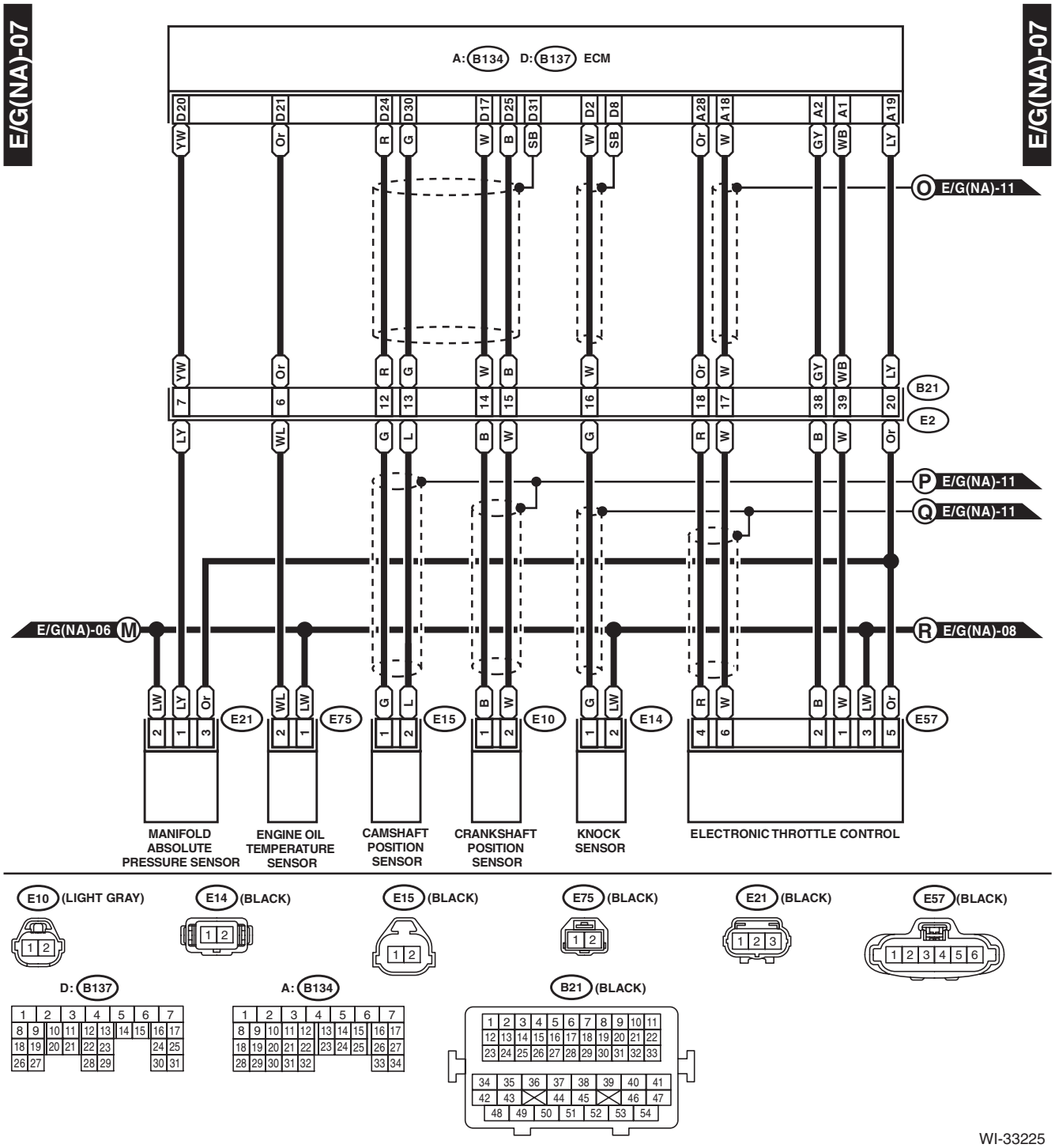

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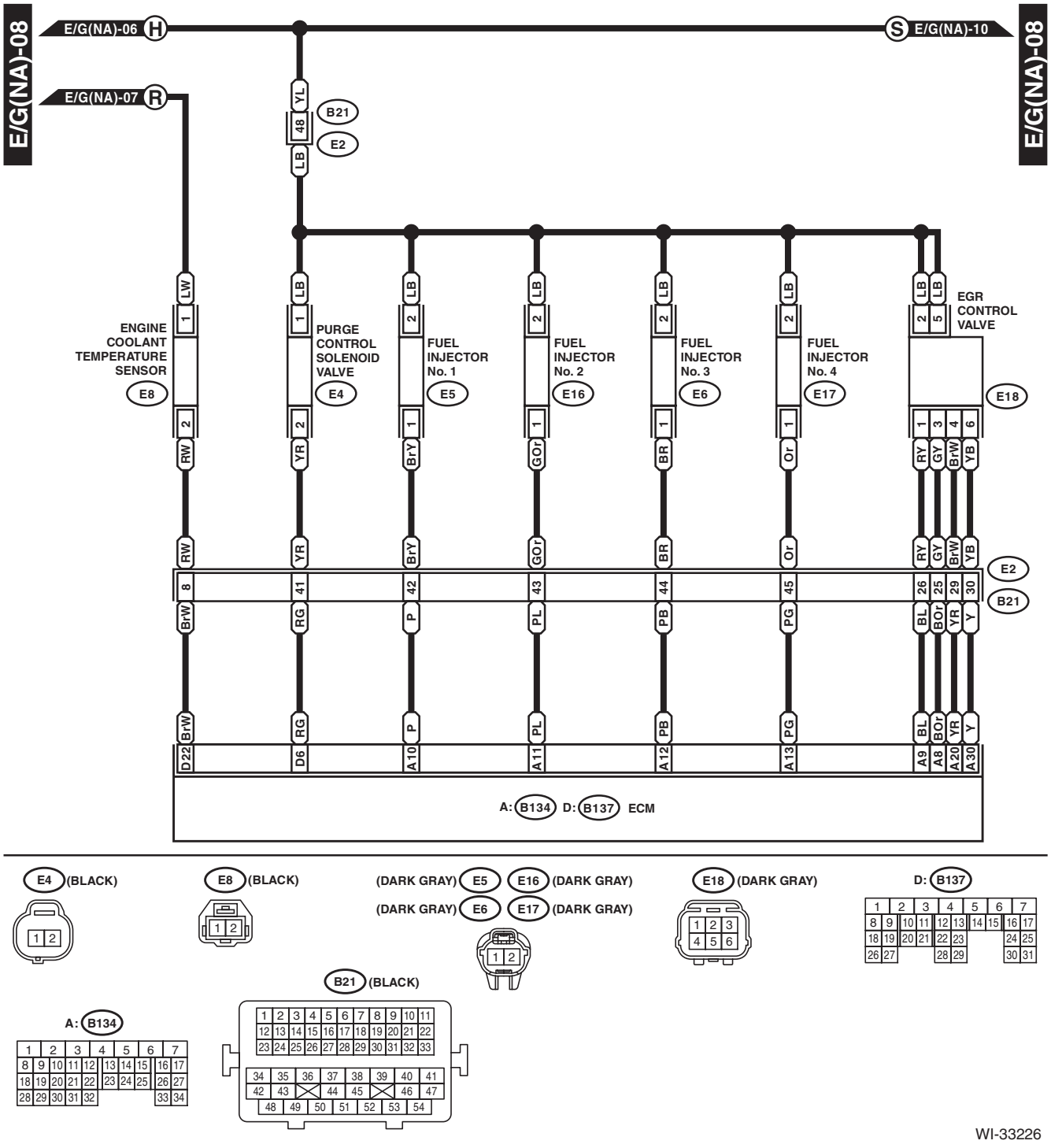

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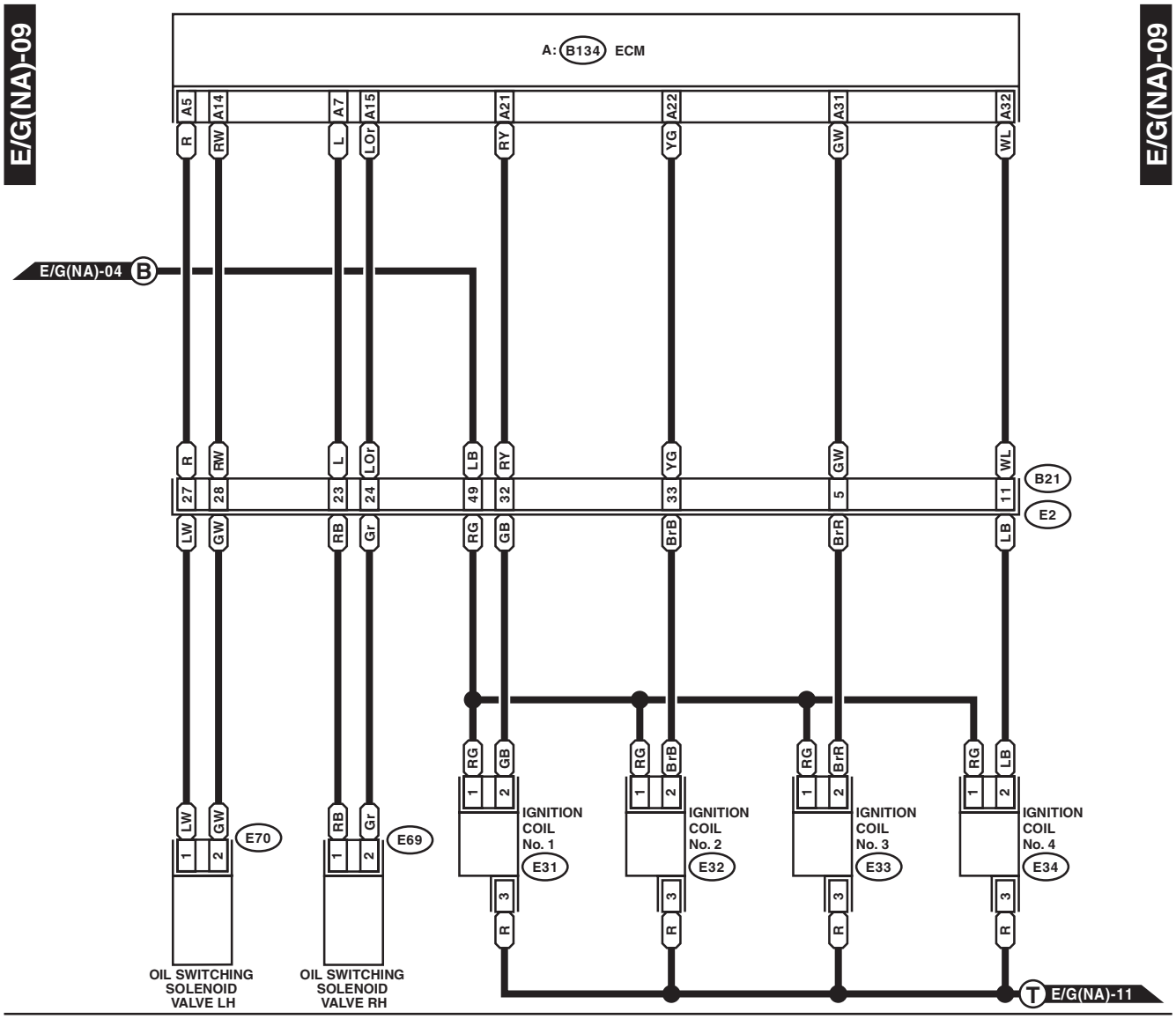

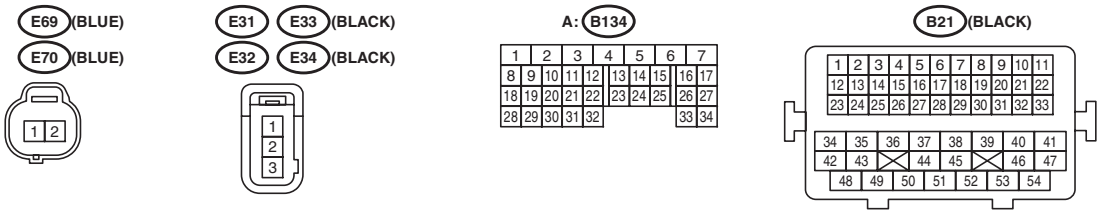

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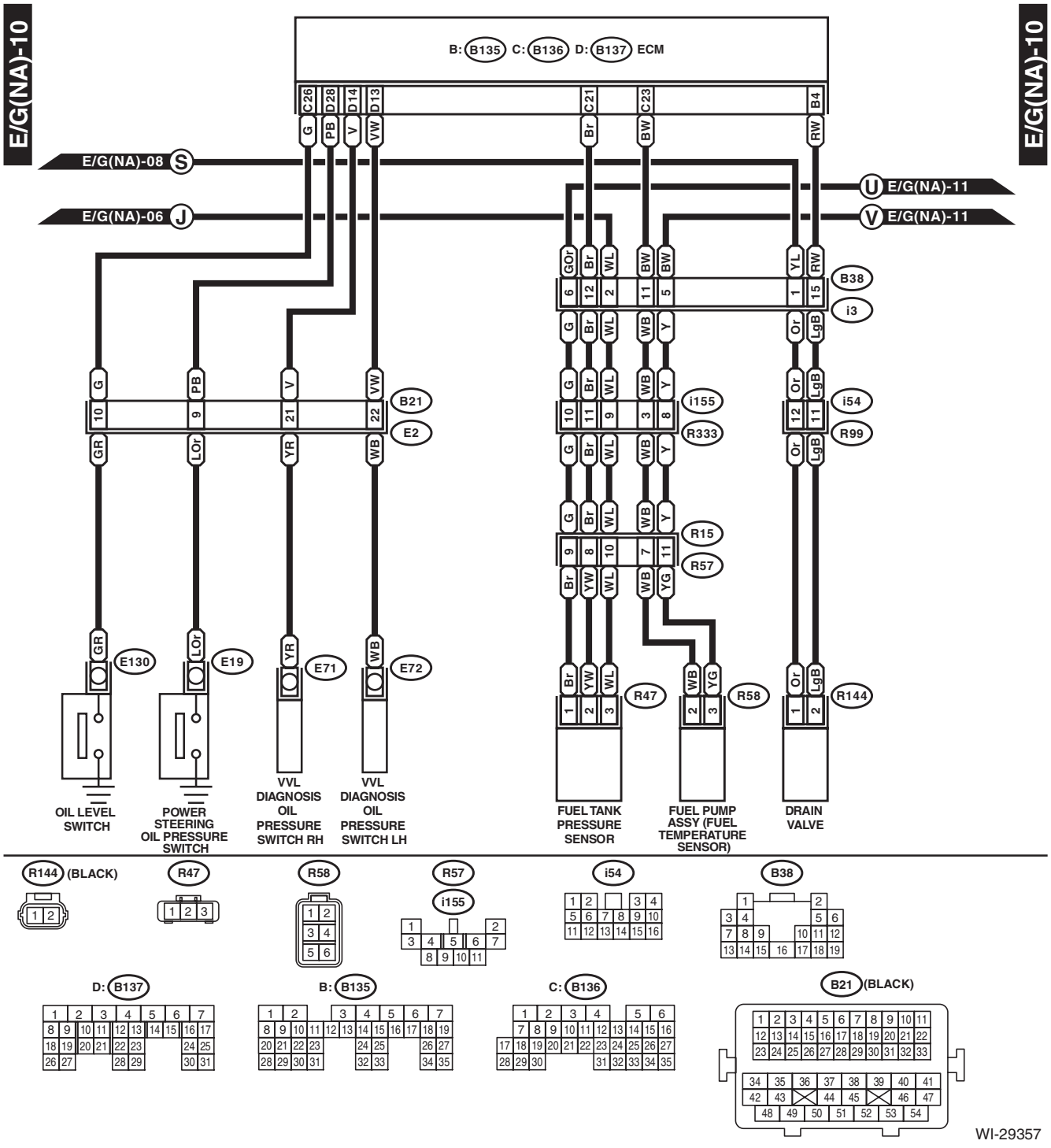

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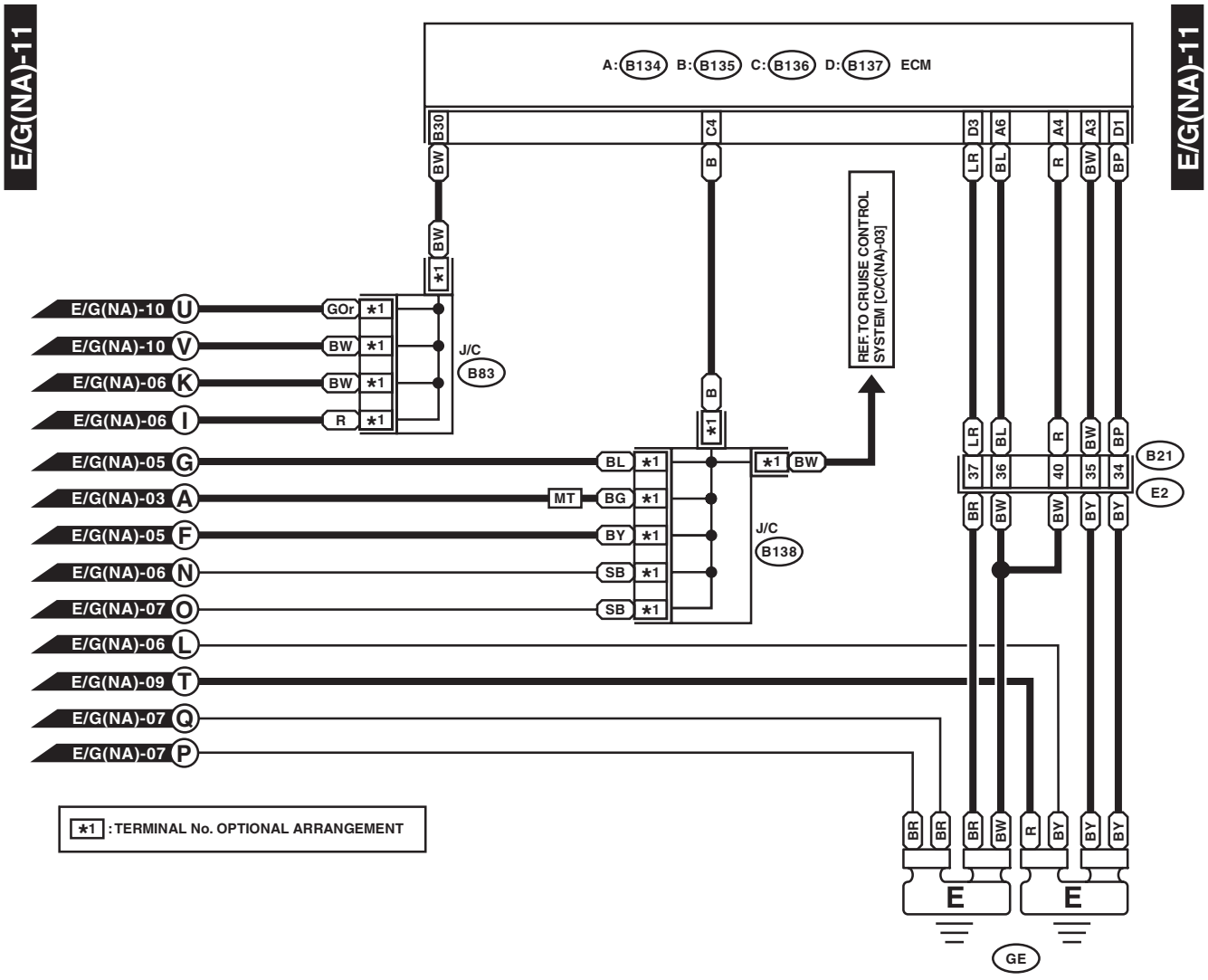

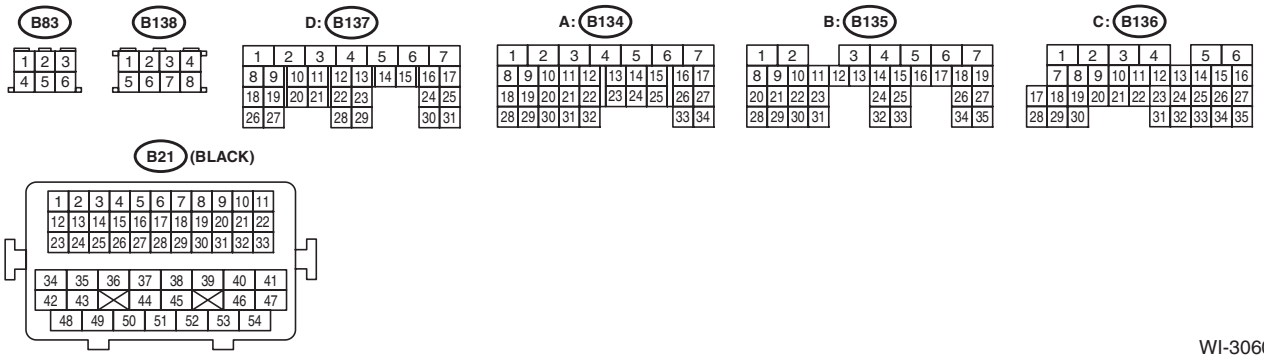

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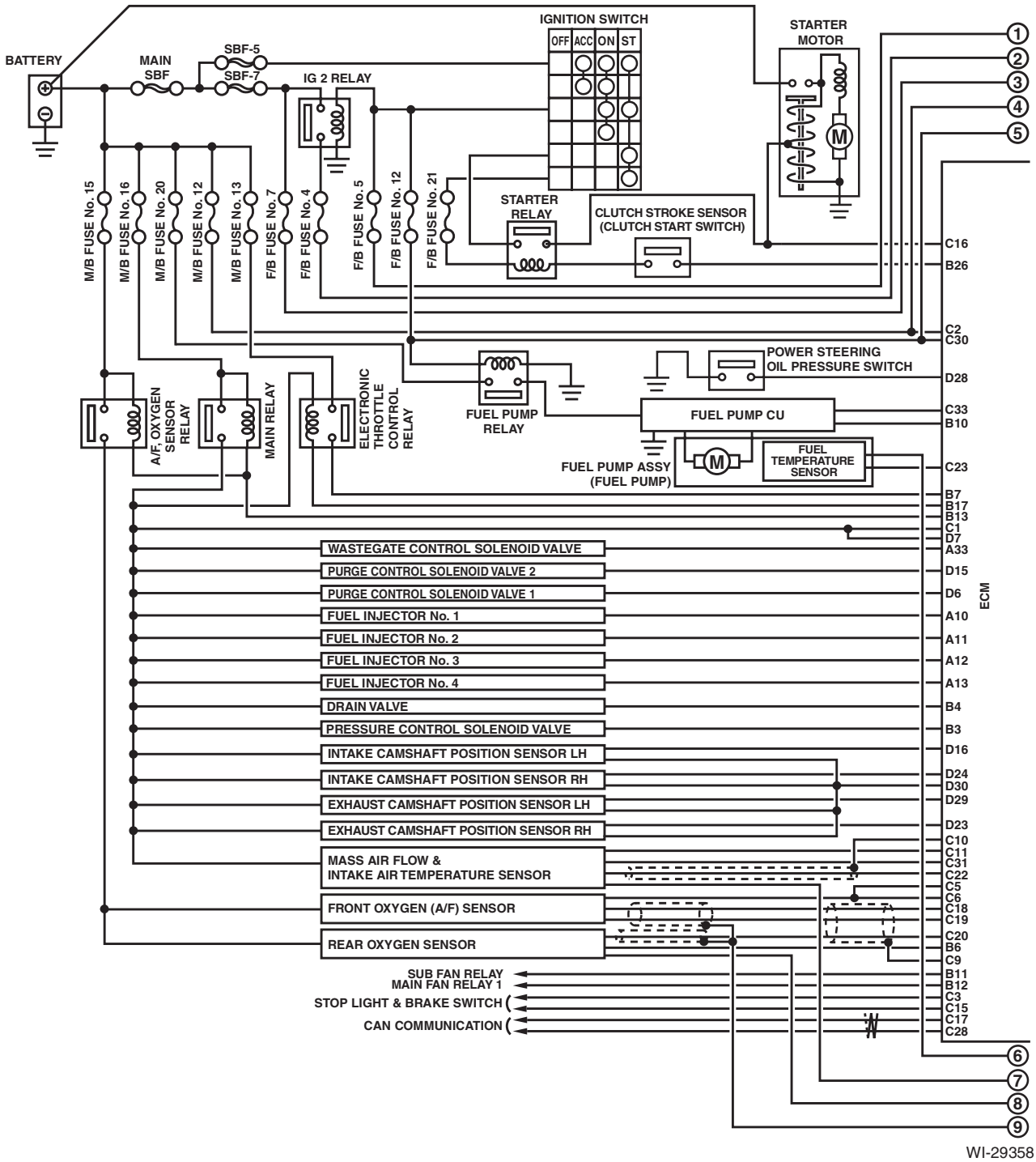
2. 2.5 L TURBO MODEL



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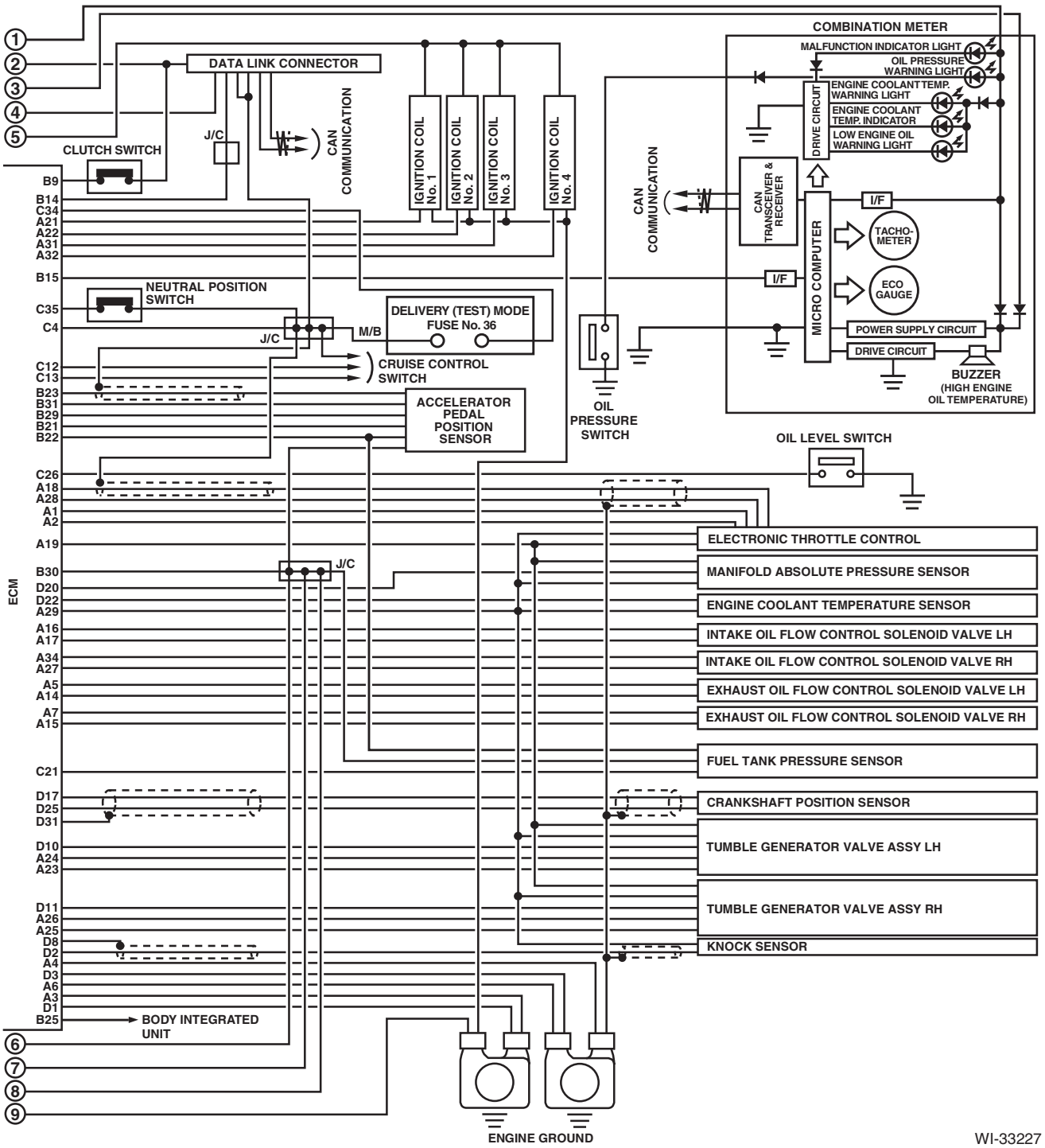

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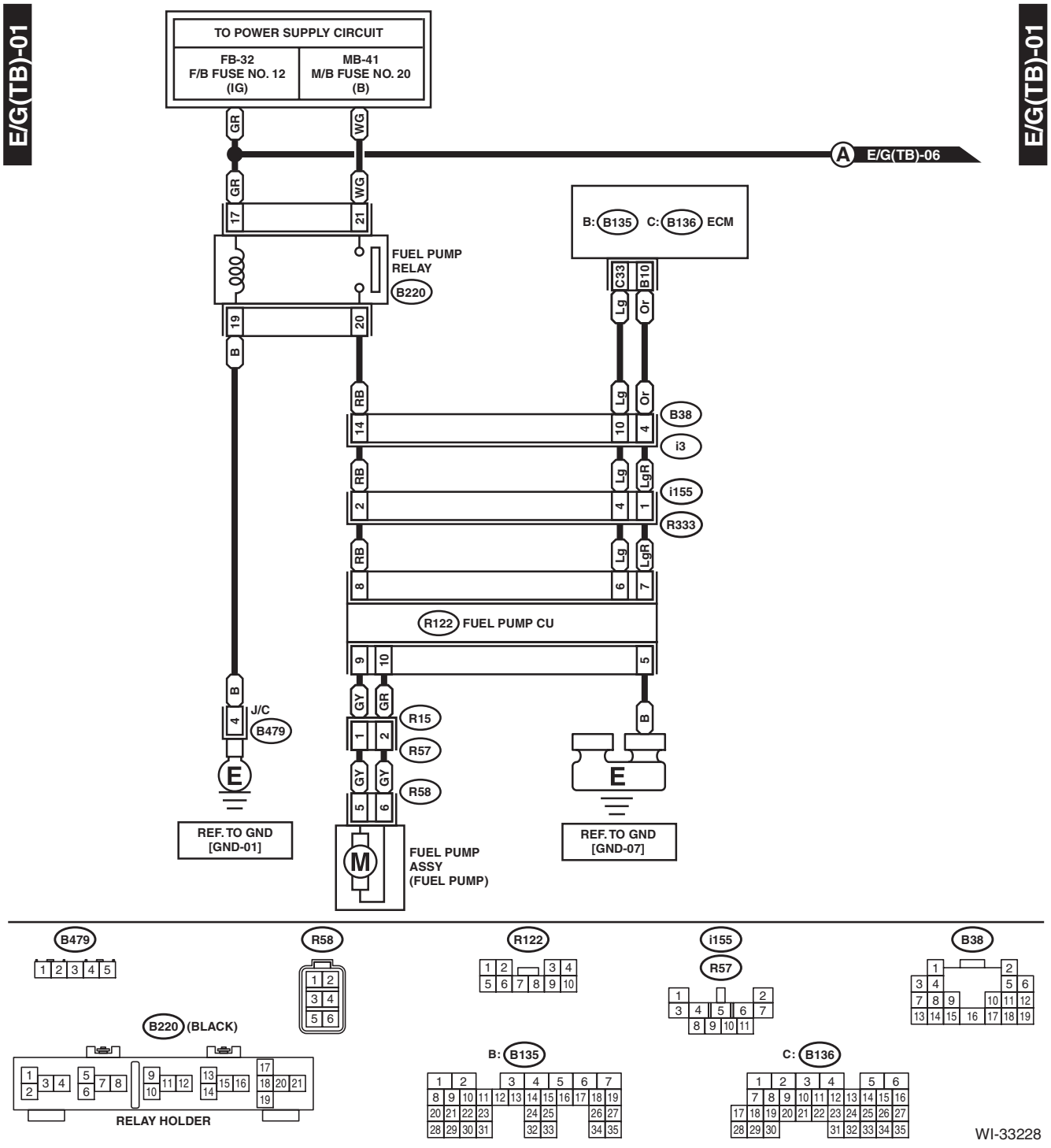

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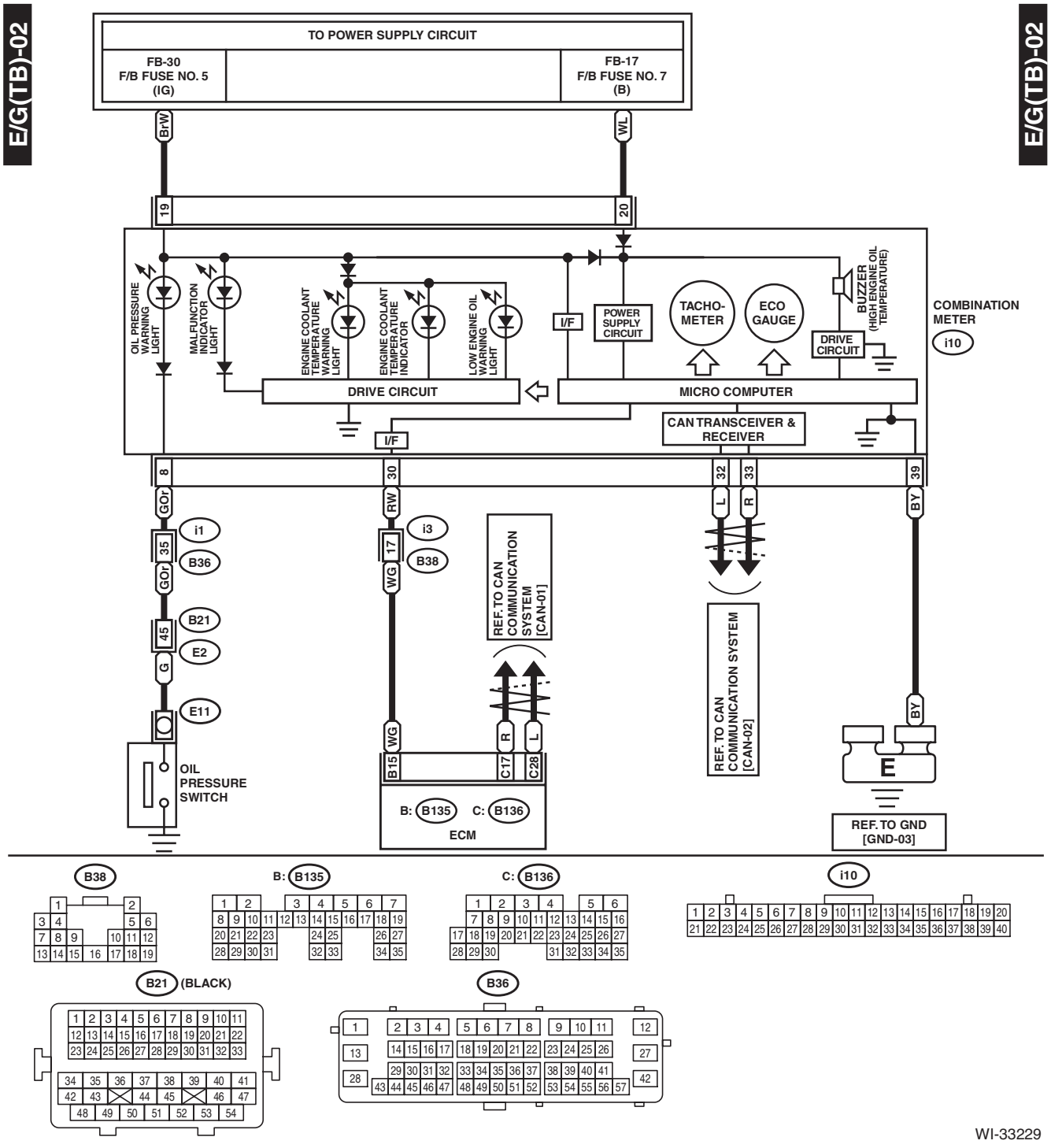

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E/G(TB)-03

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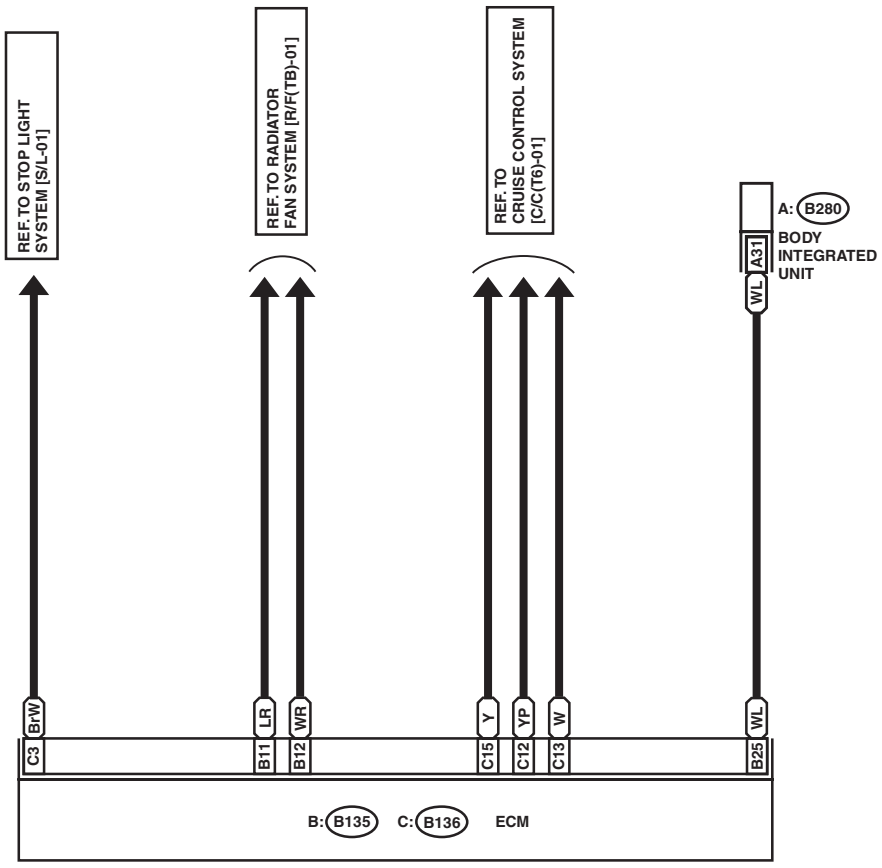

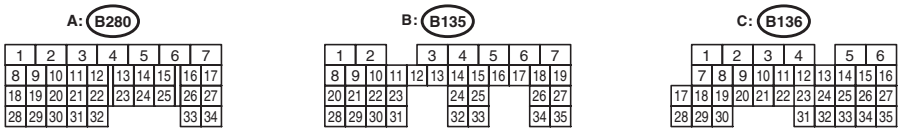

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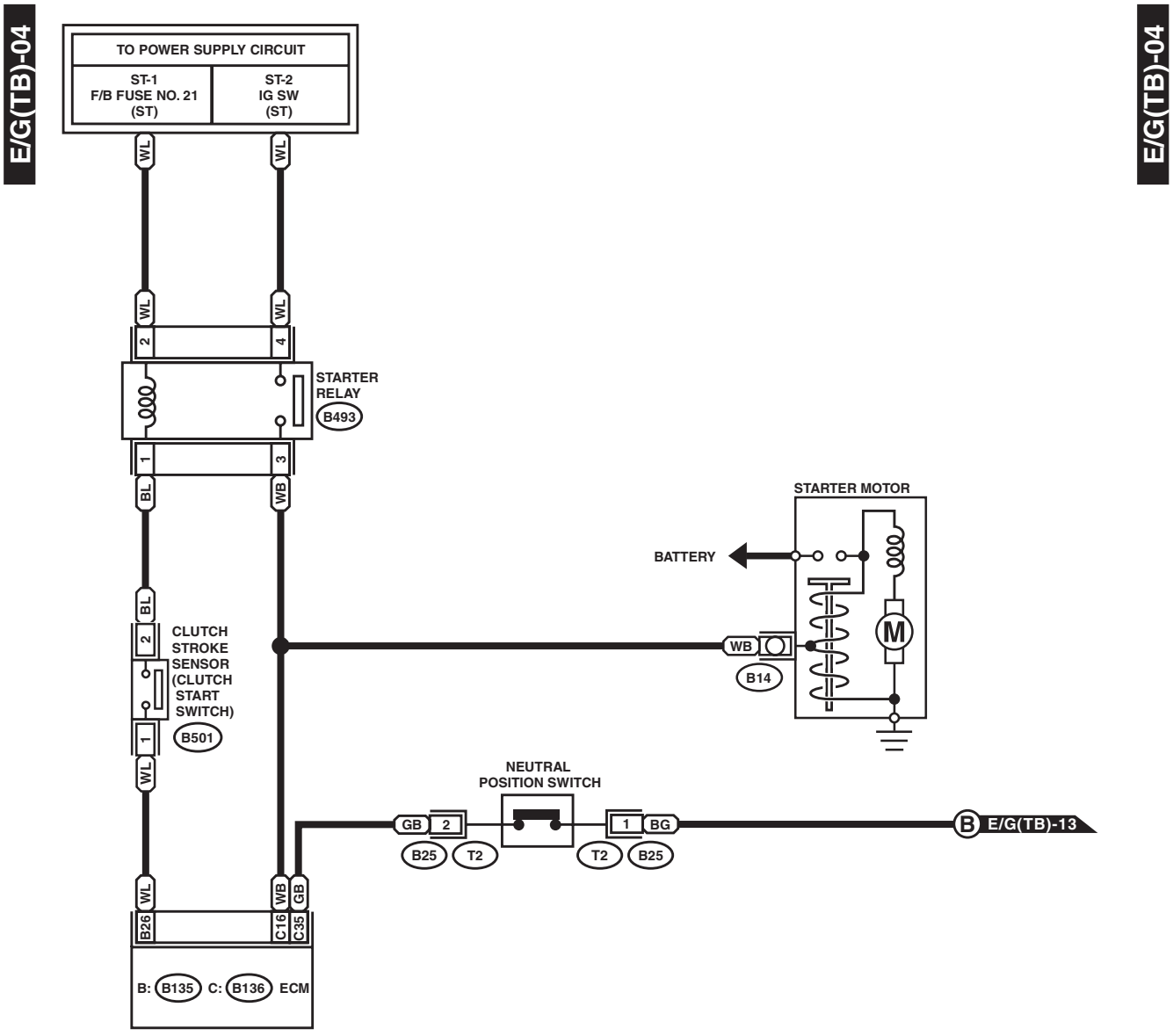

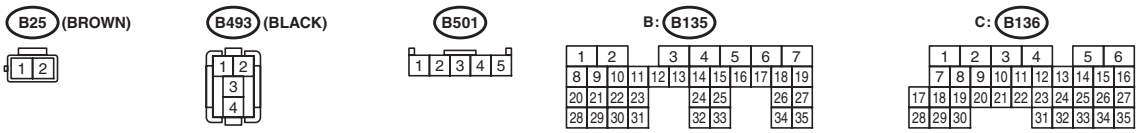

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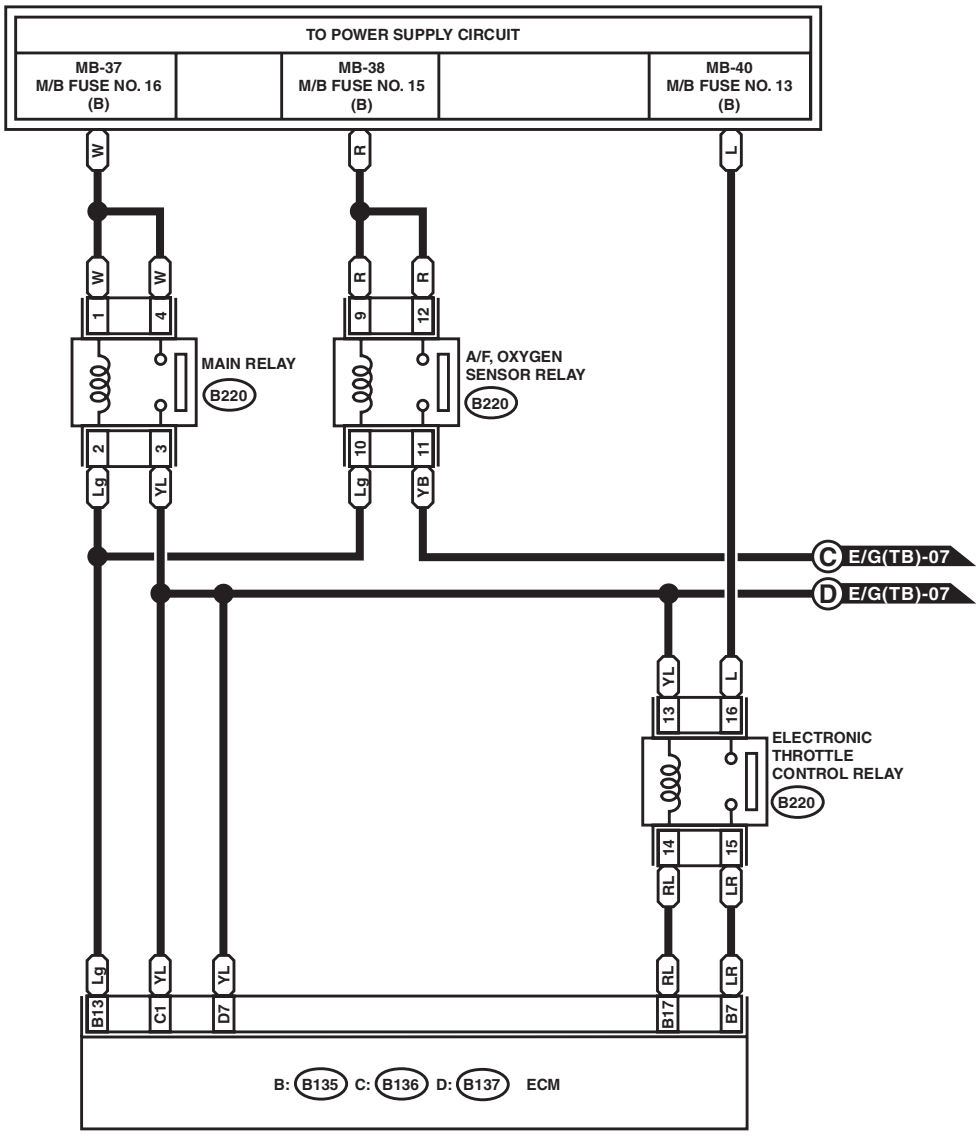

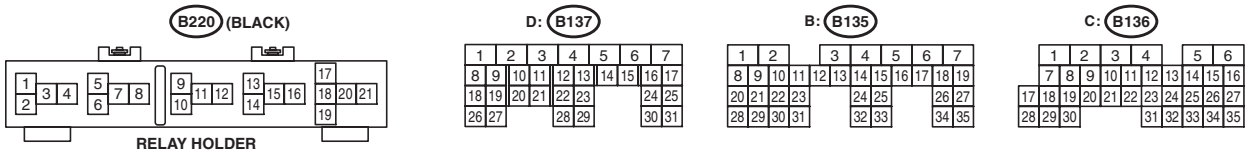

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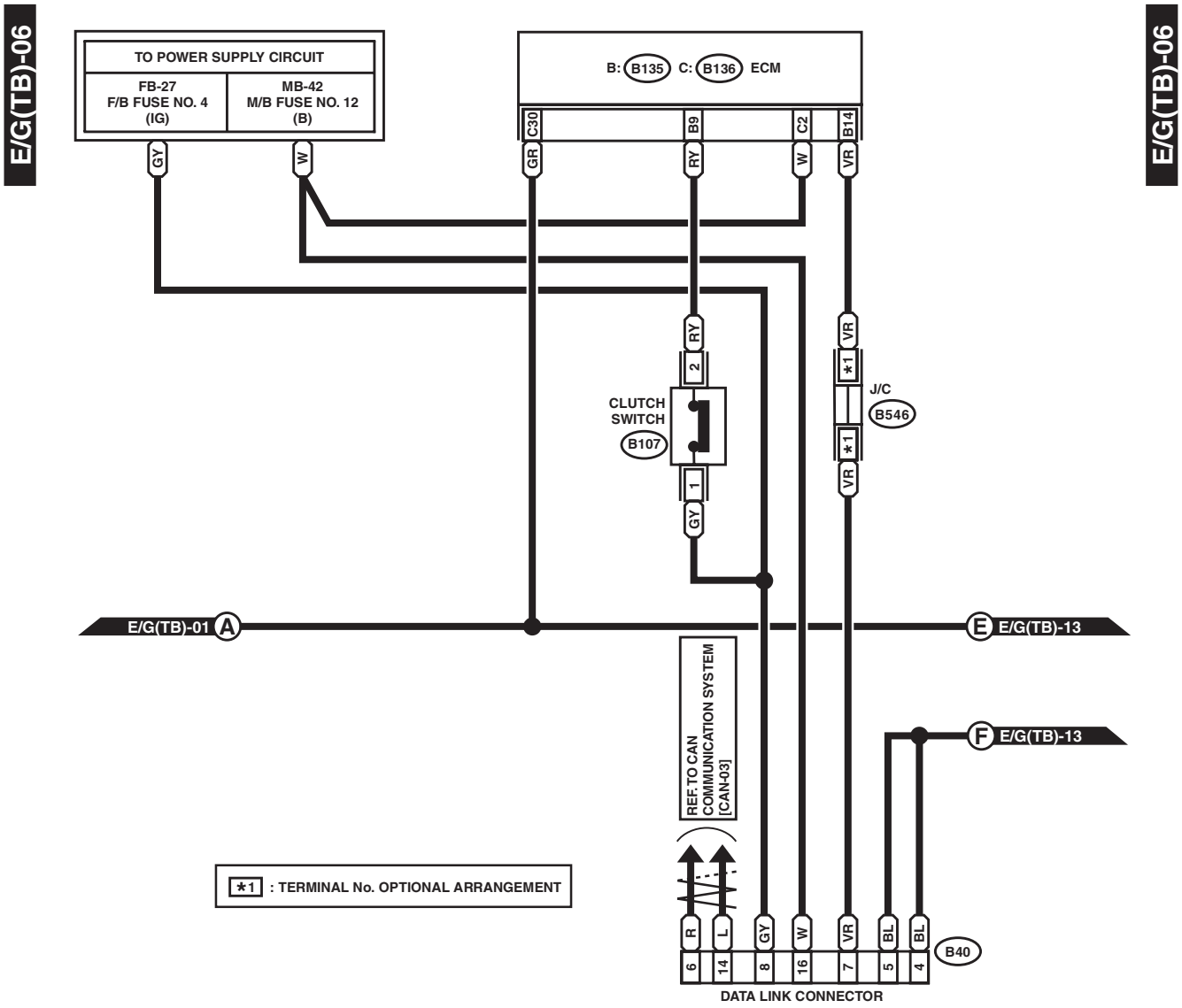

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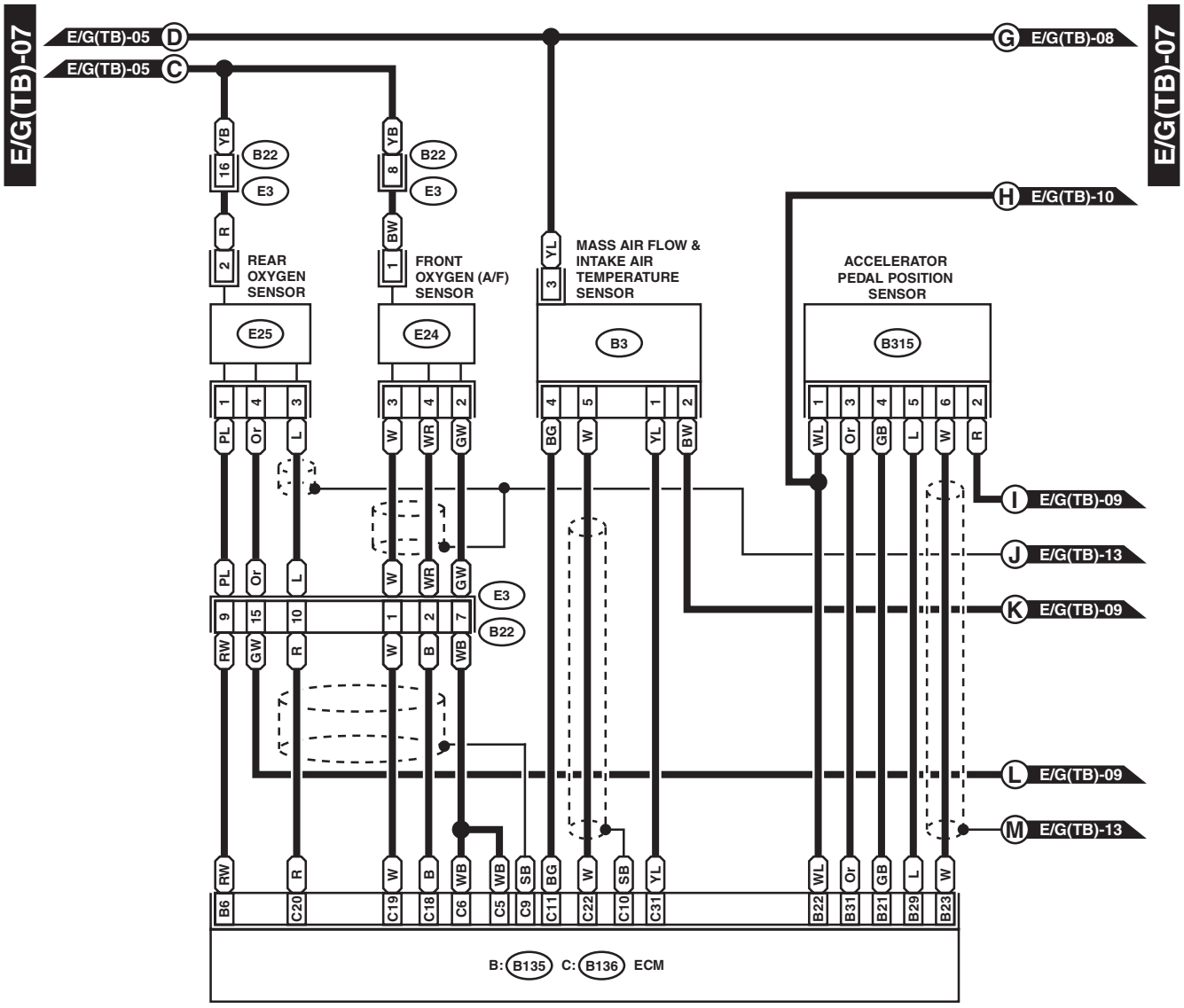

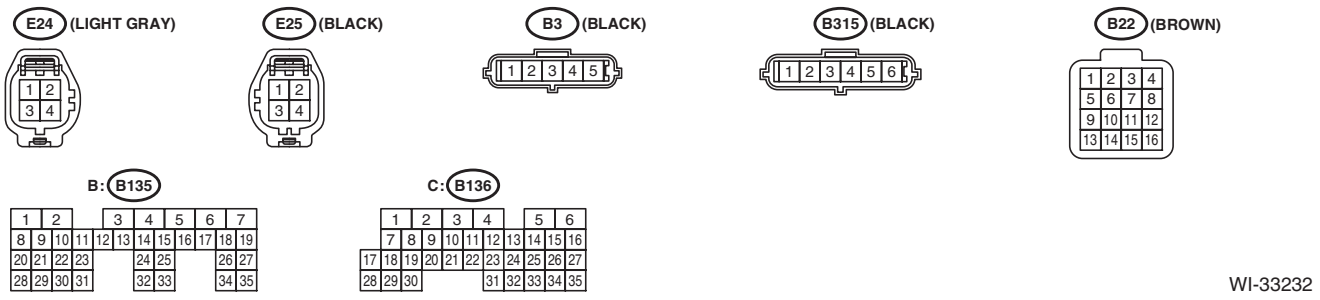

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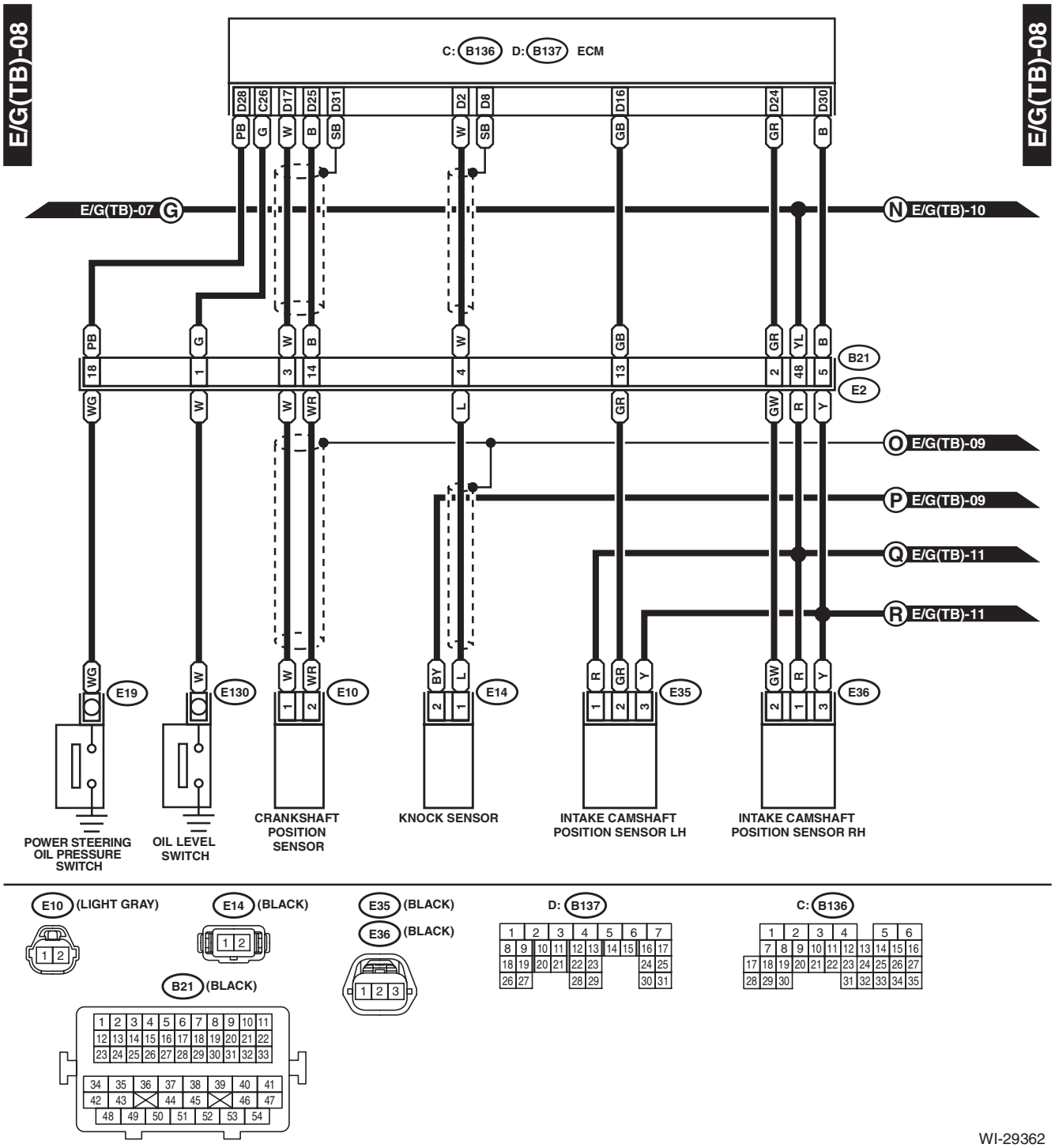

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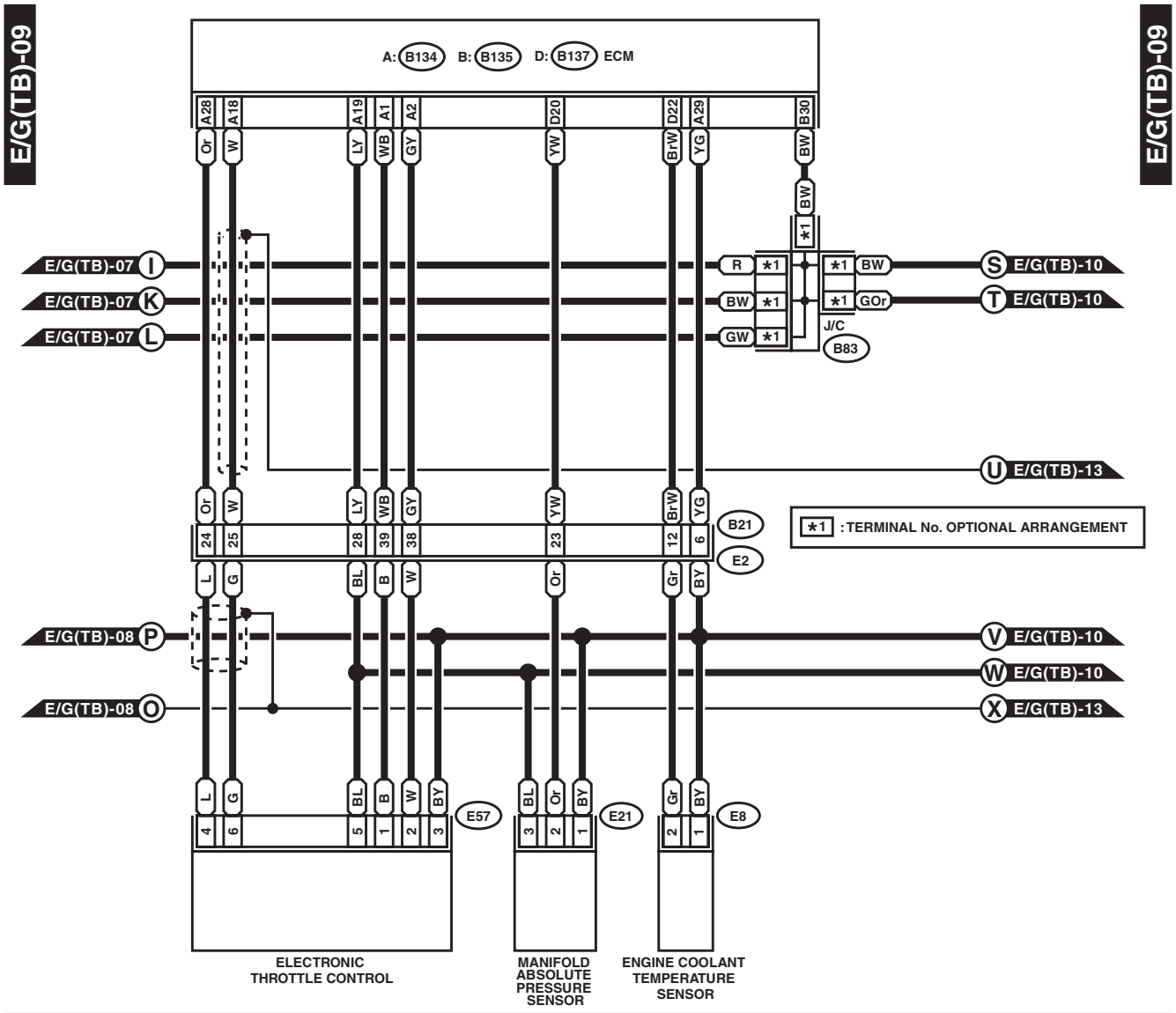

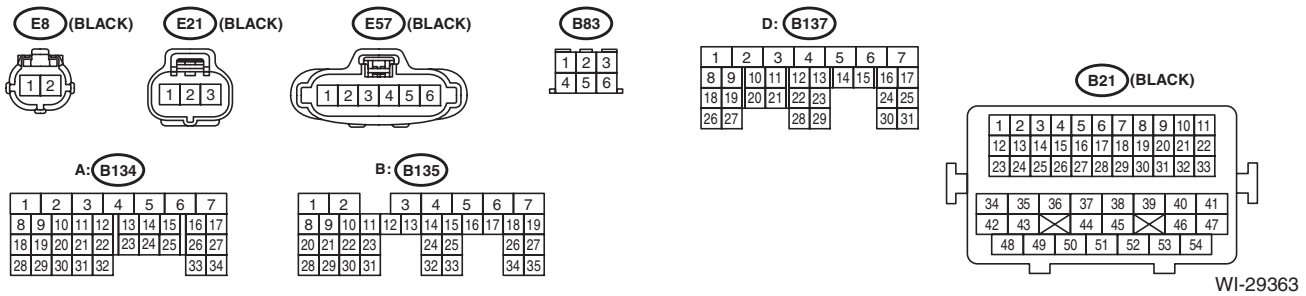

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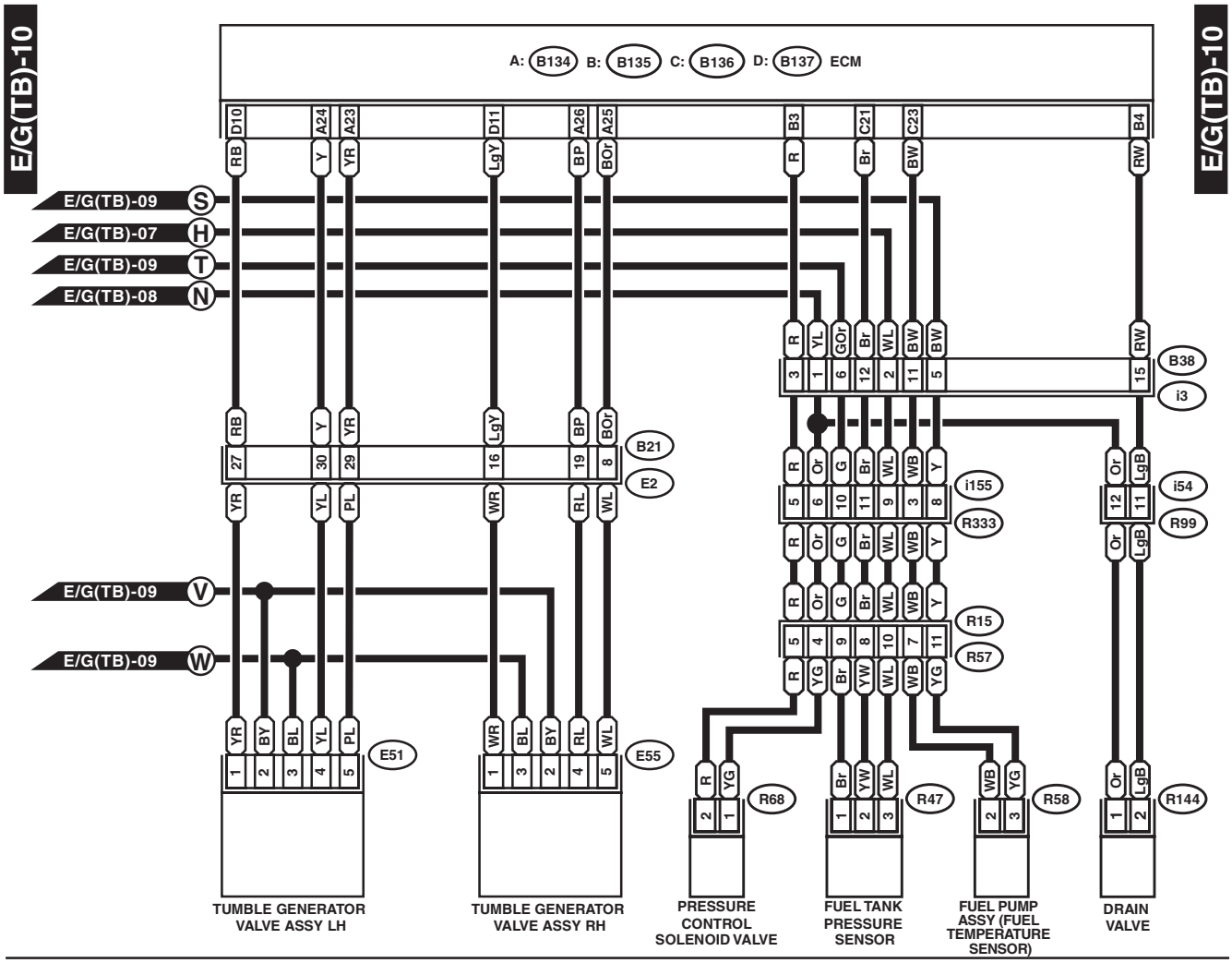

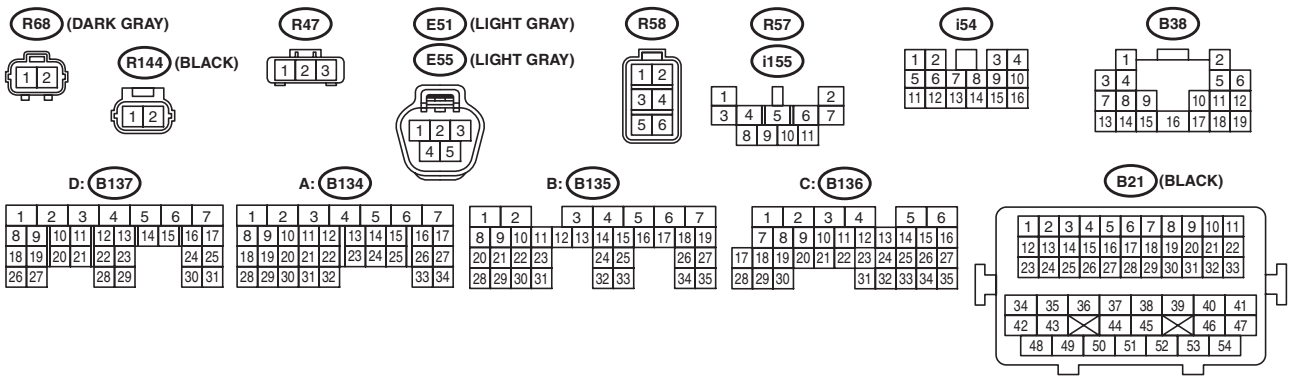

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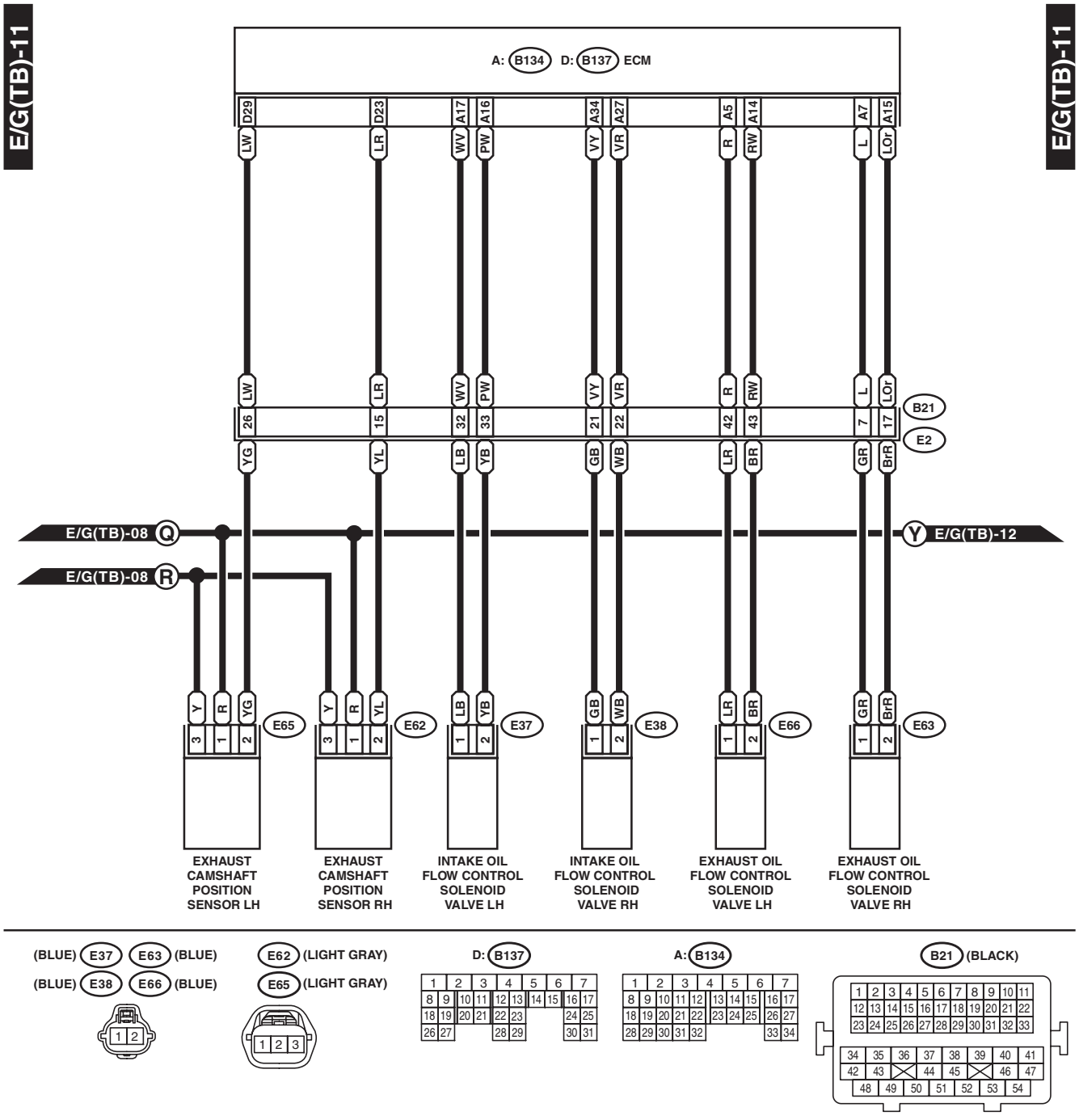

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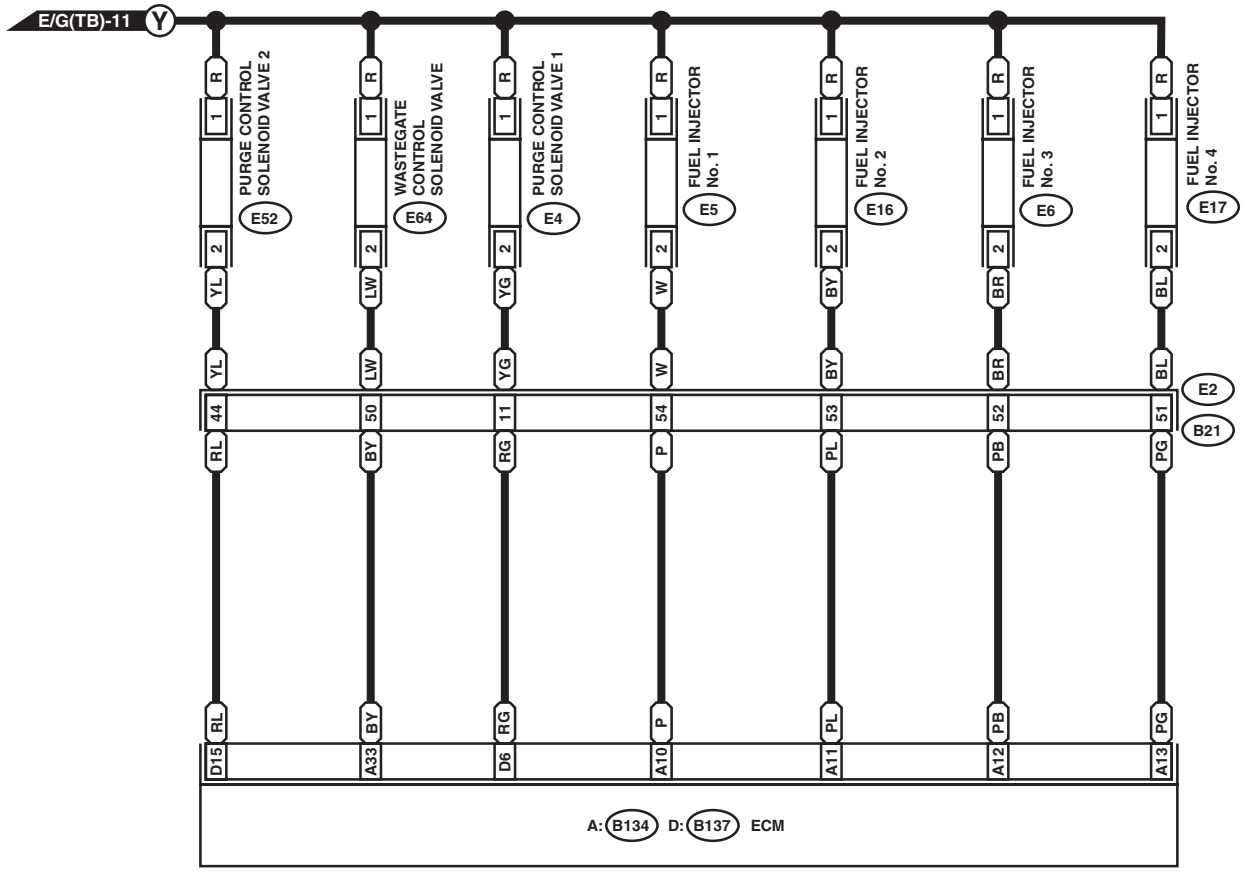

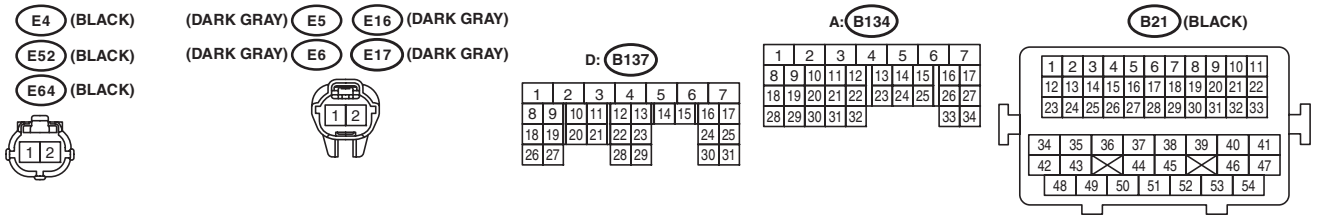

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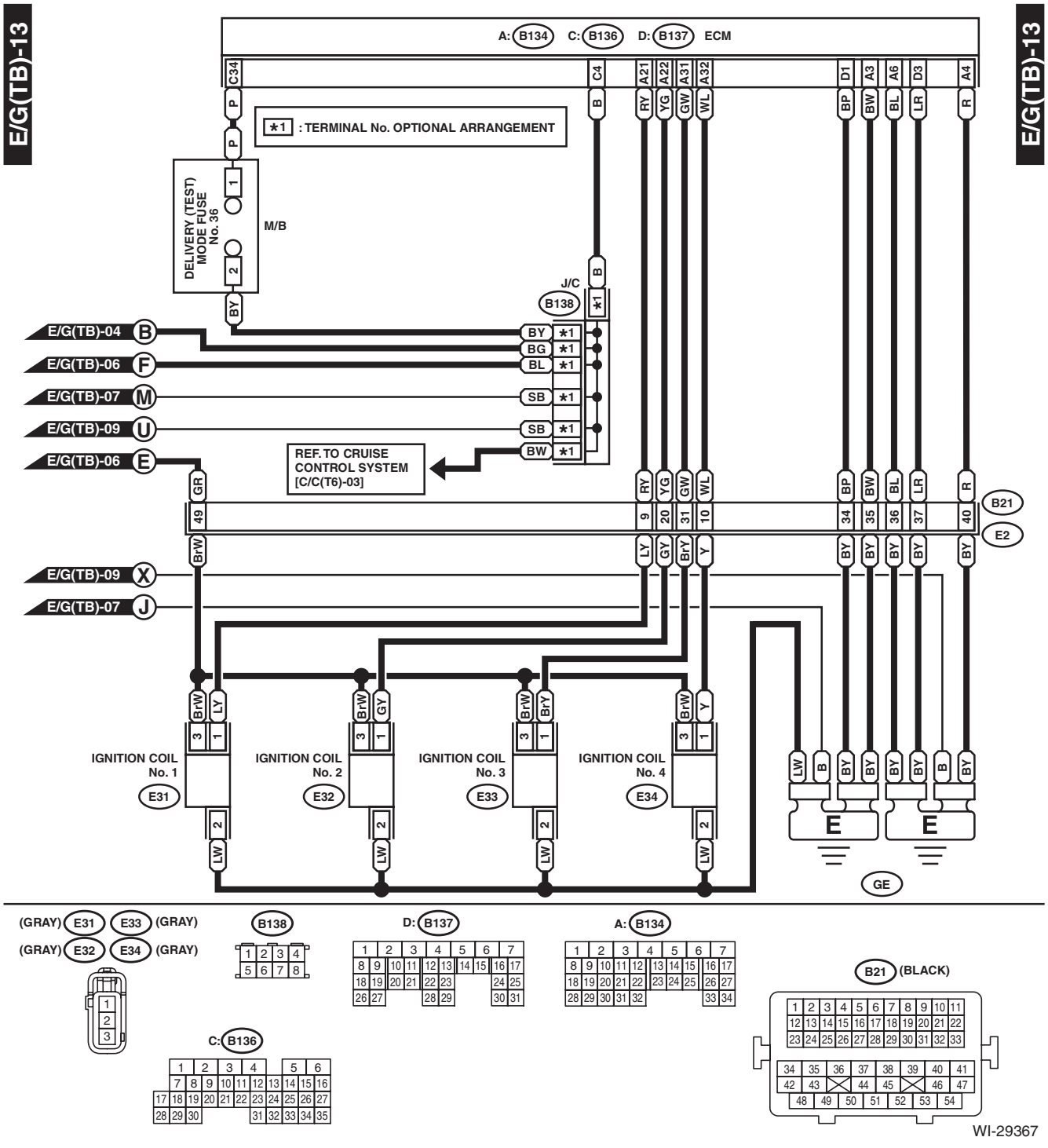

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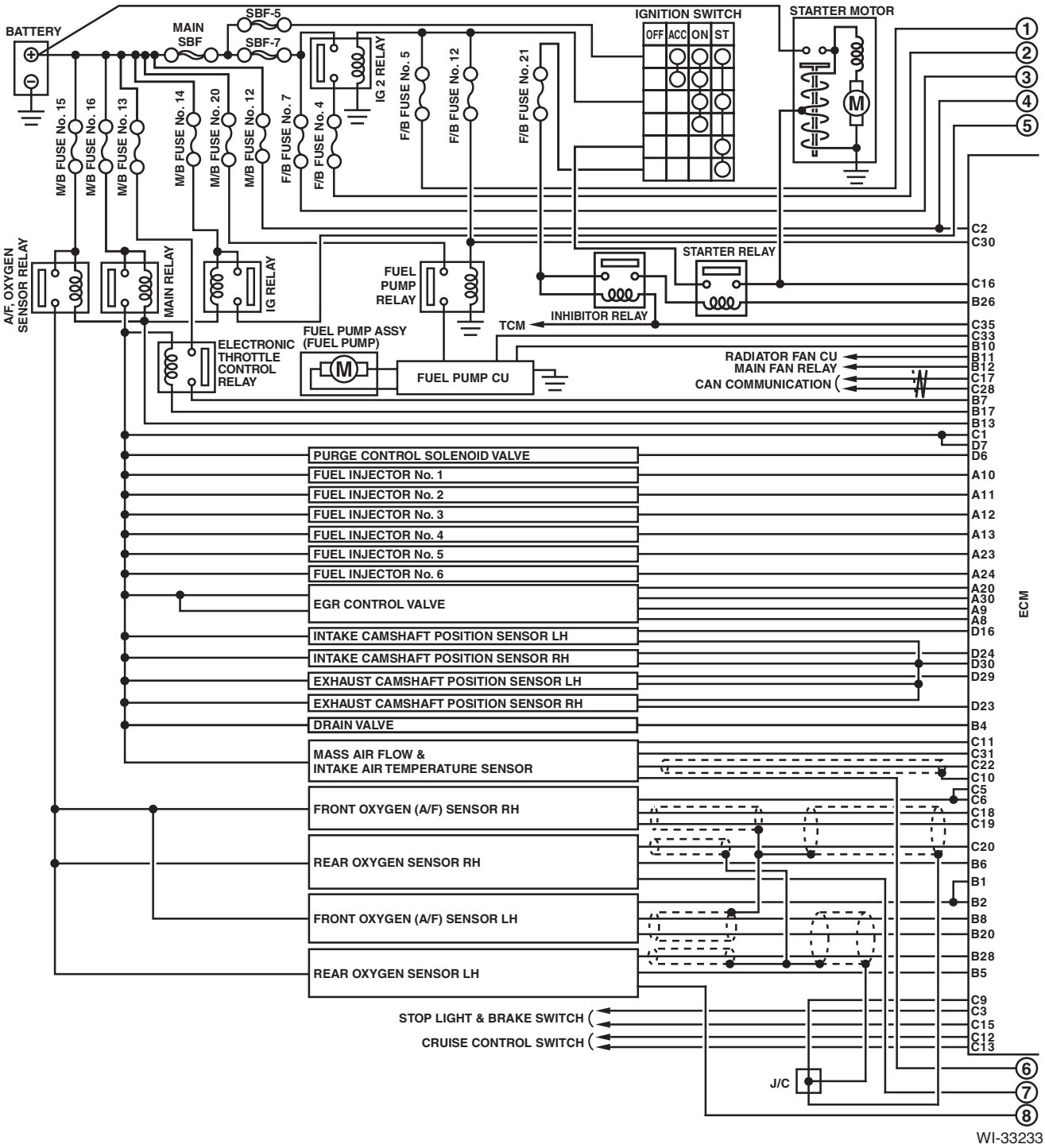
3. 3.6 L MODEL



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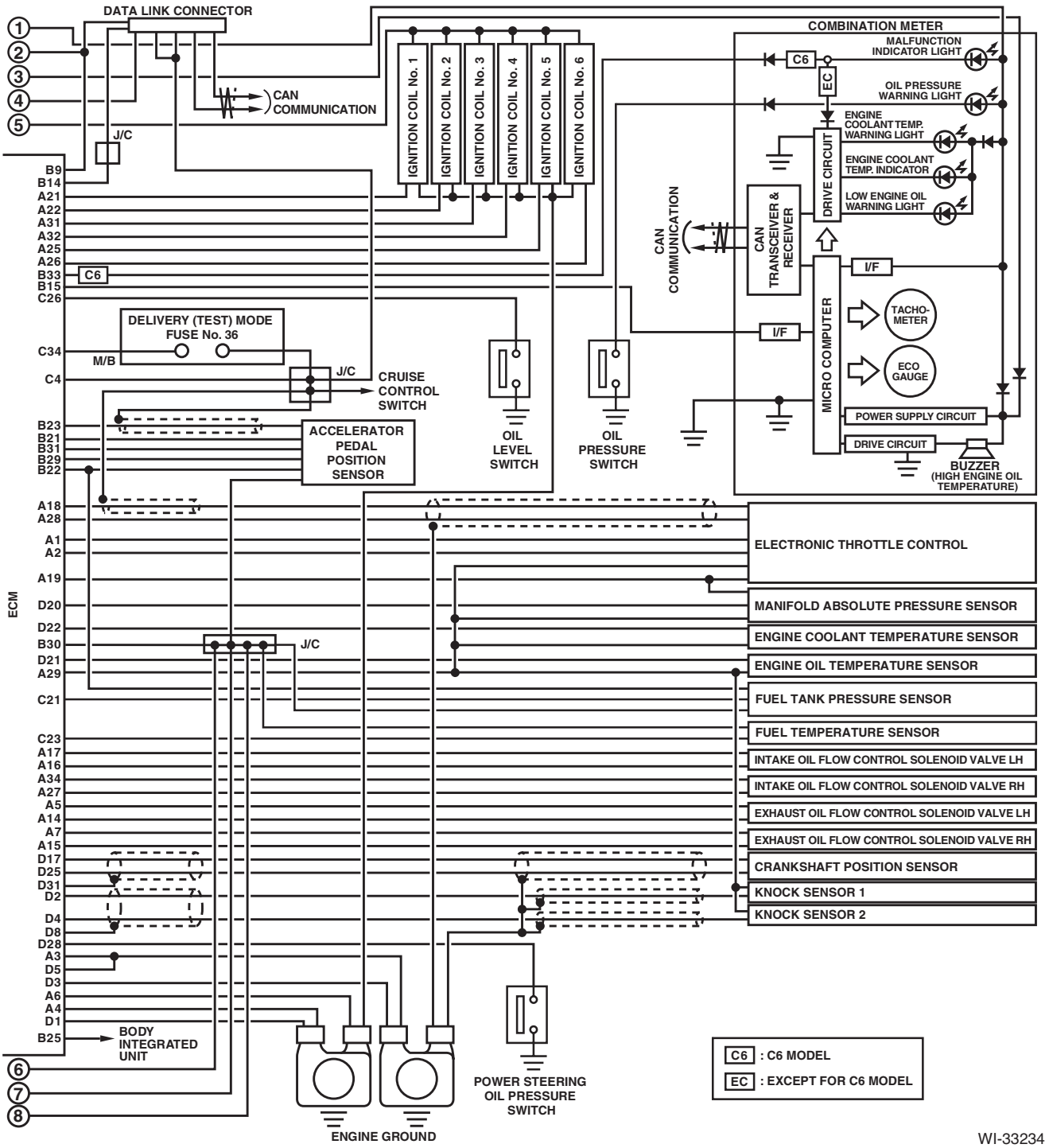

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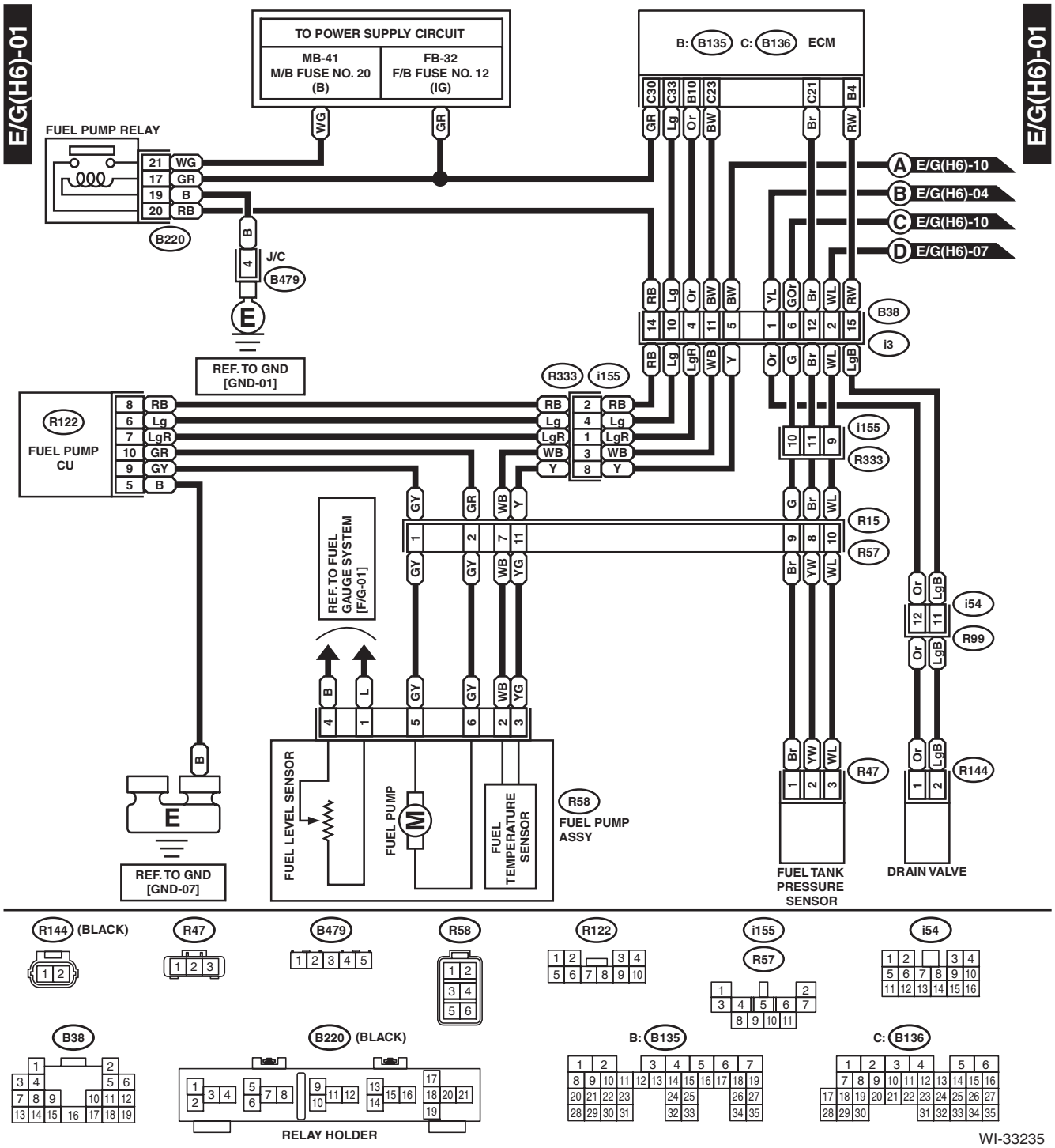
WIRING SYSTEM



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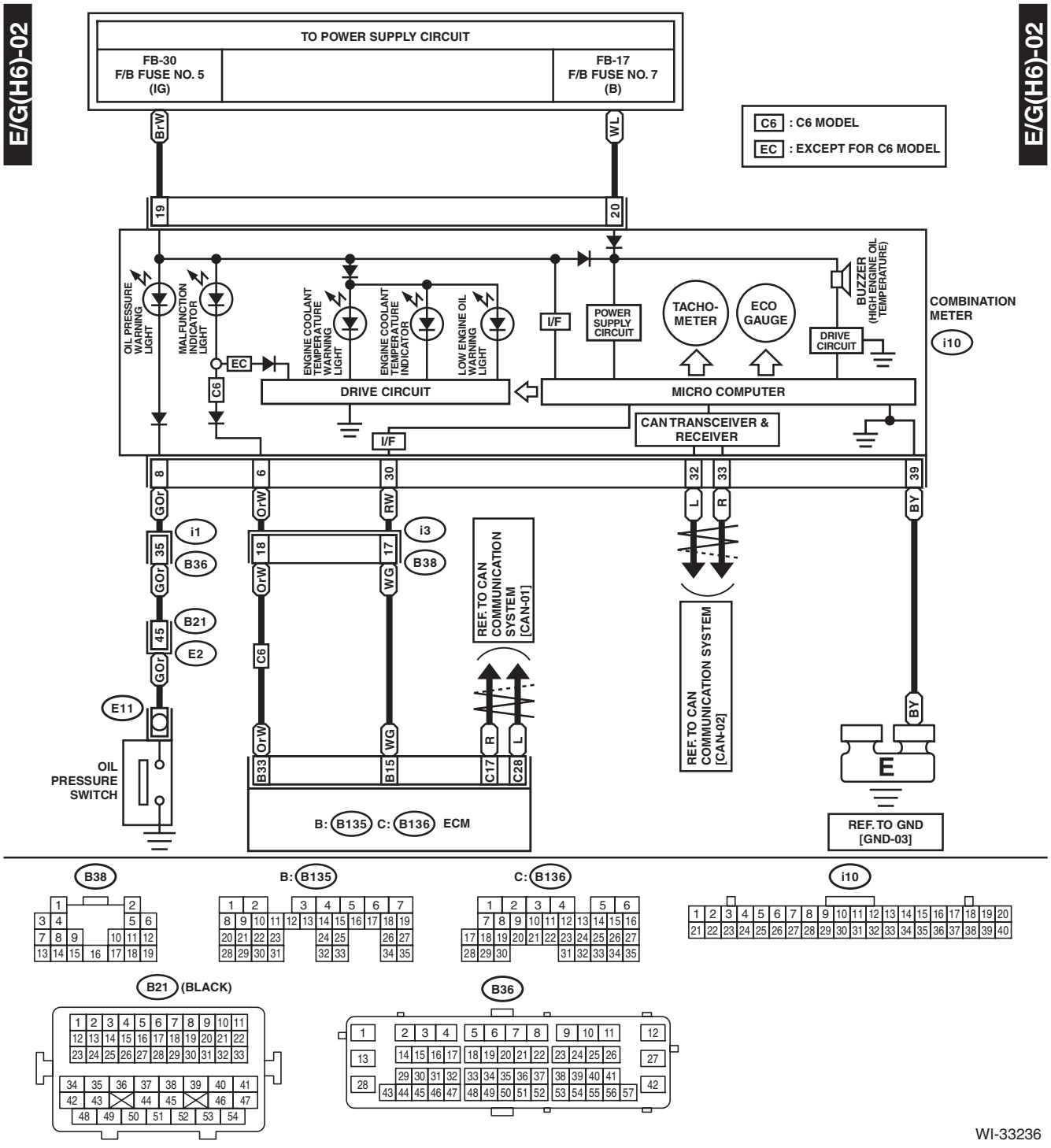

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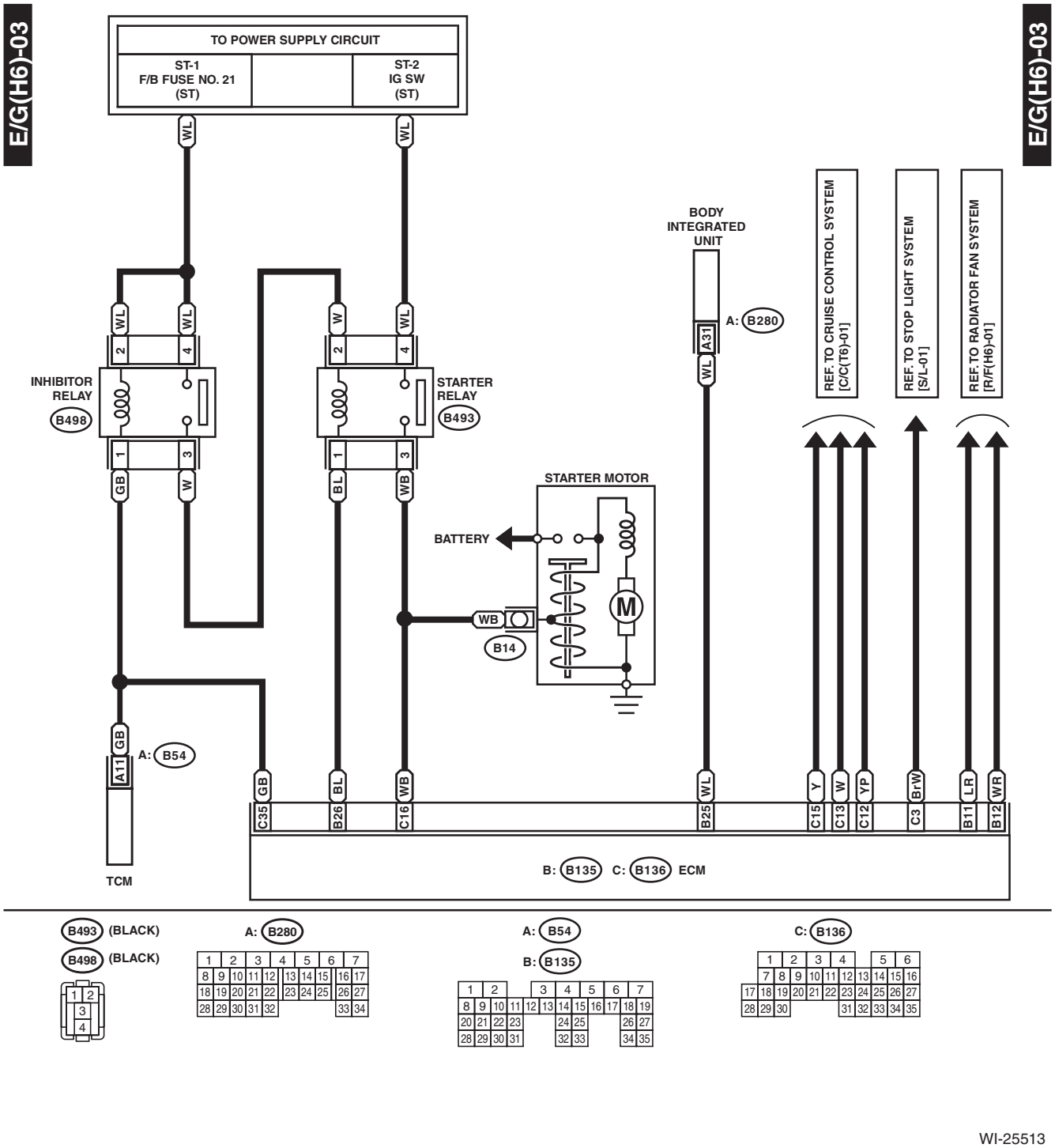

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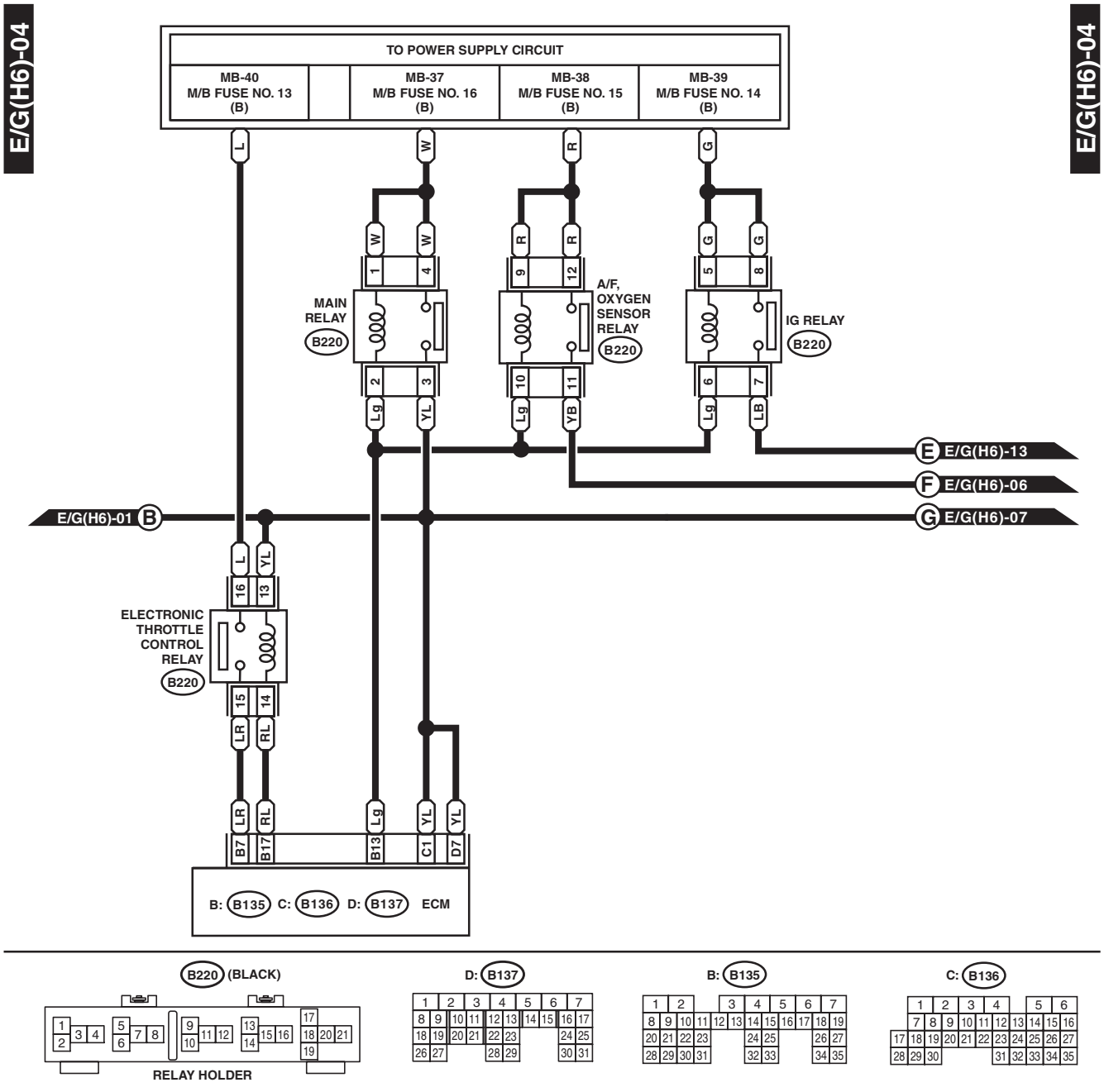

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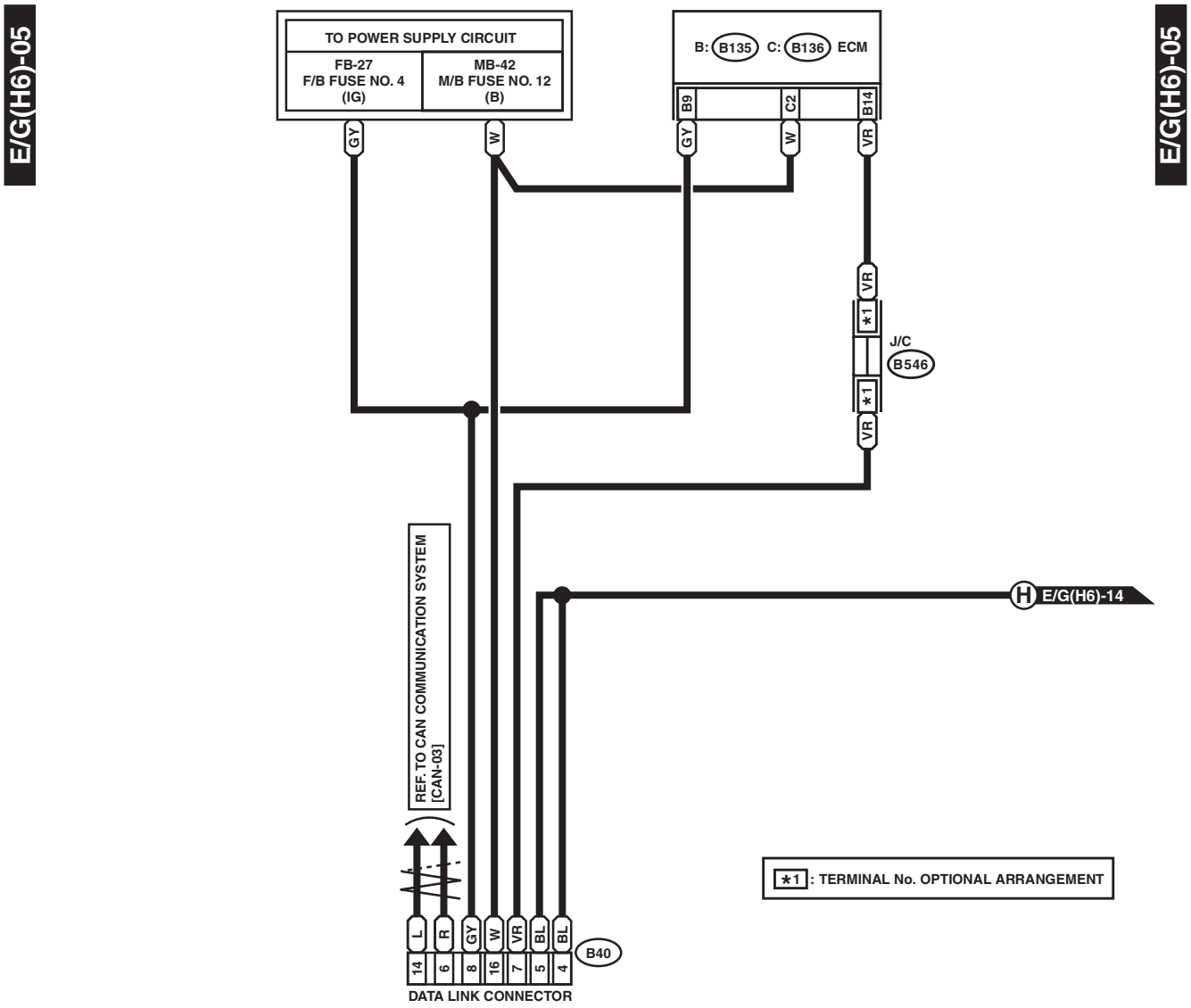

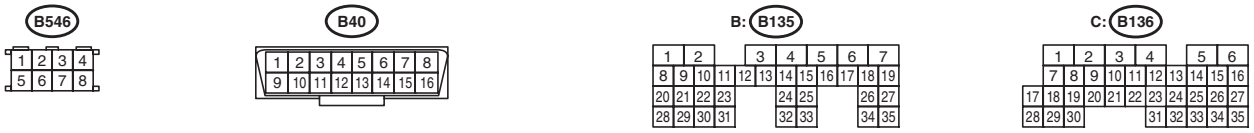

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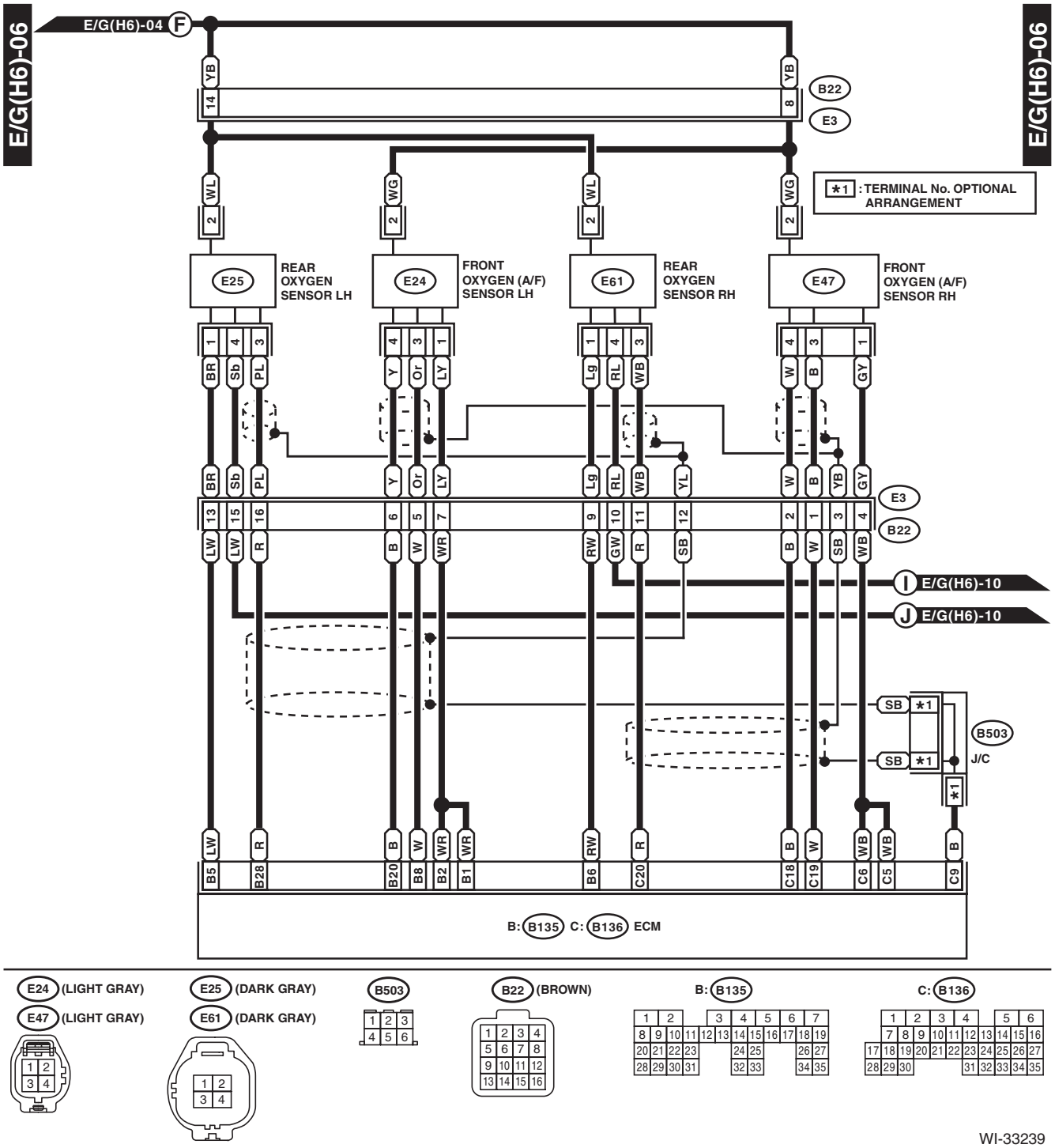

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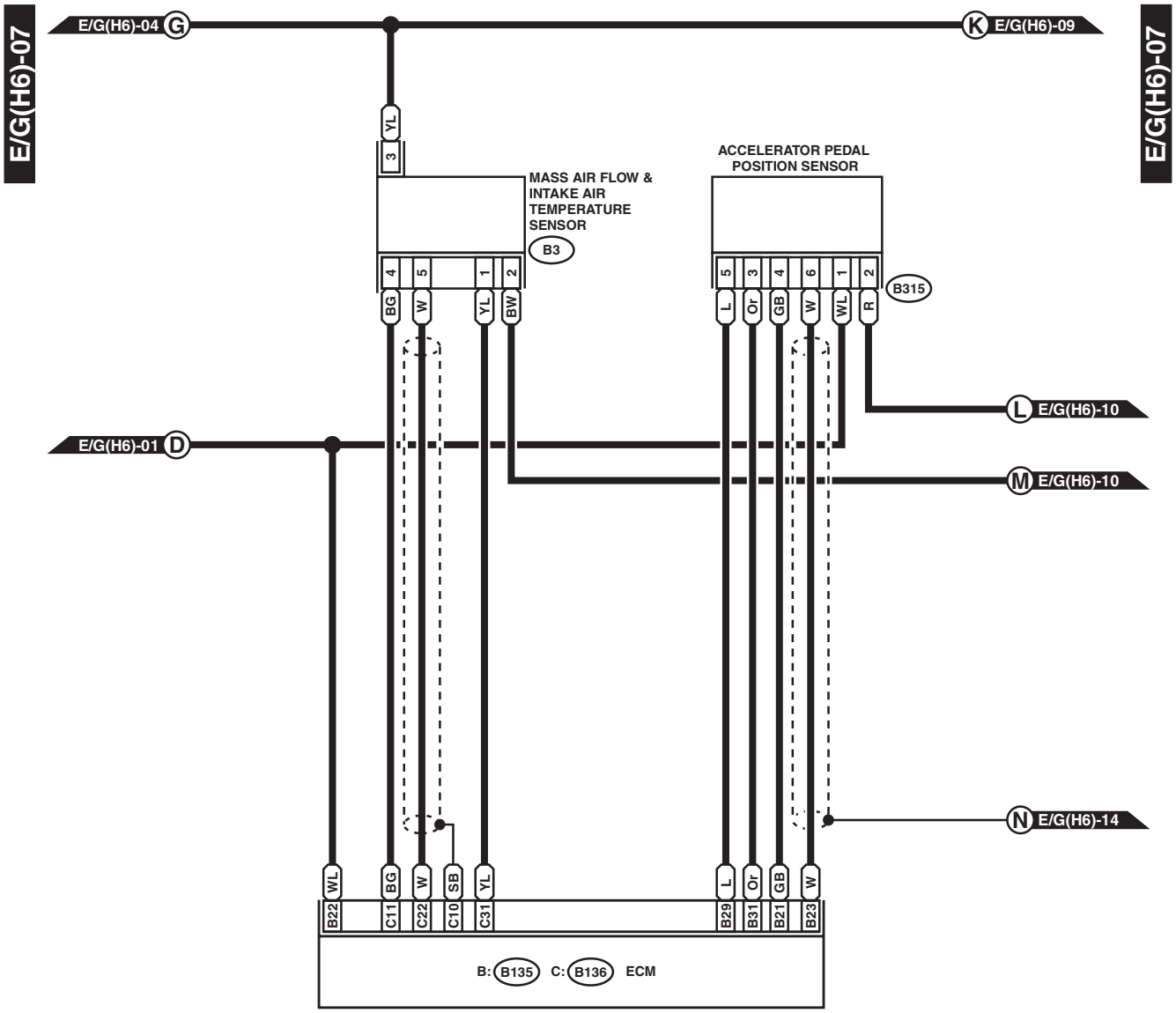

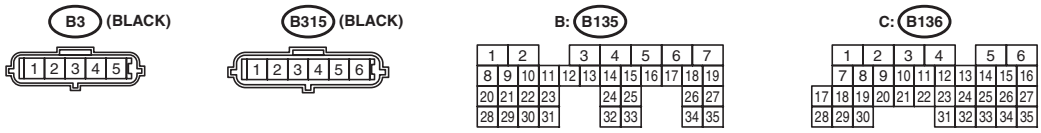

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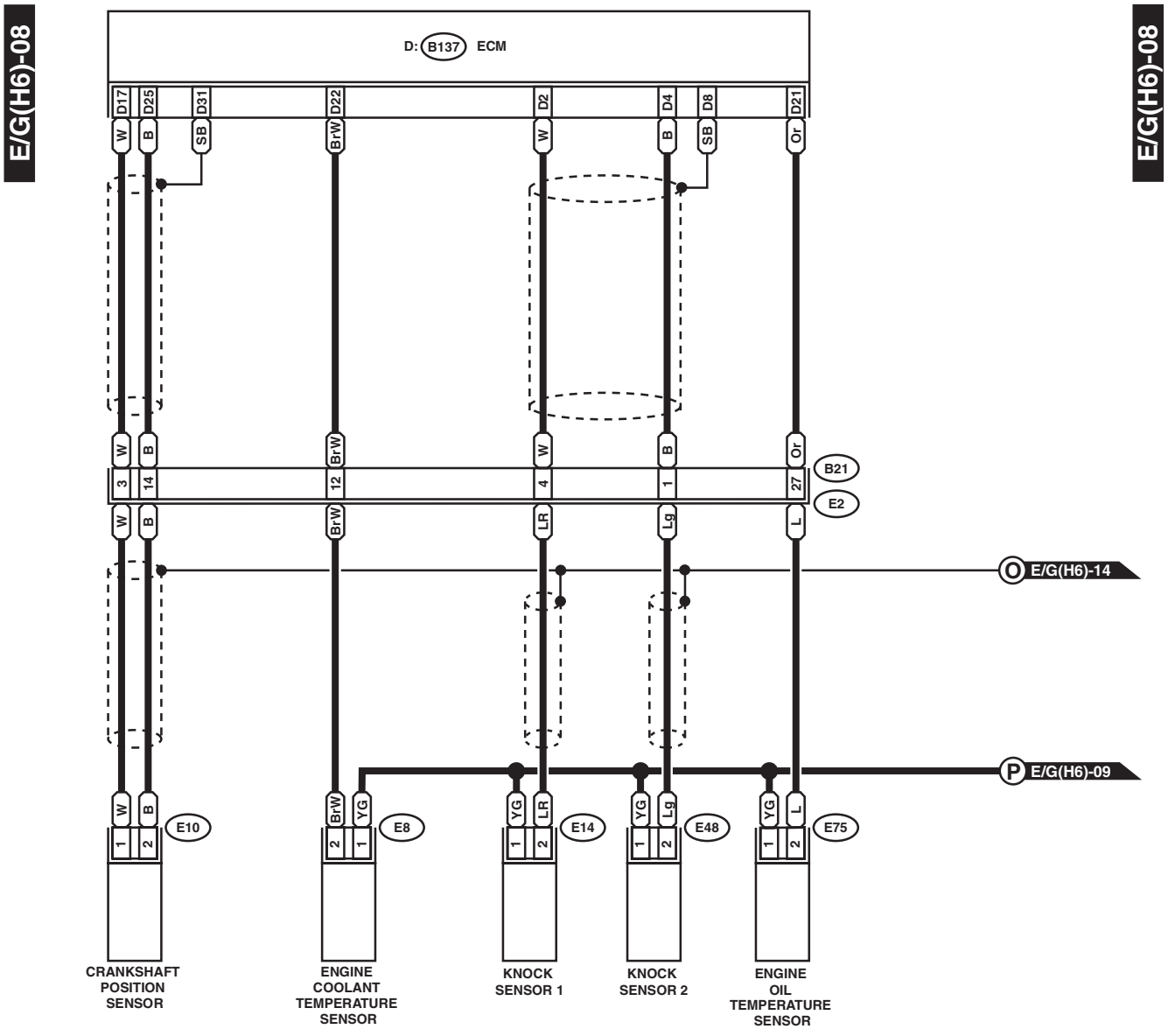

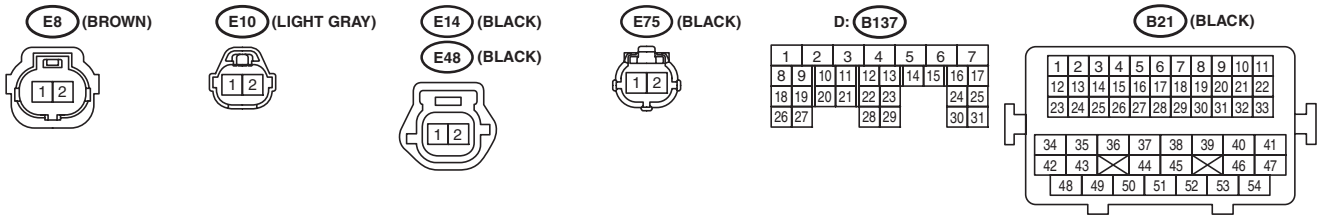

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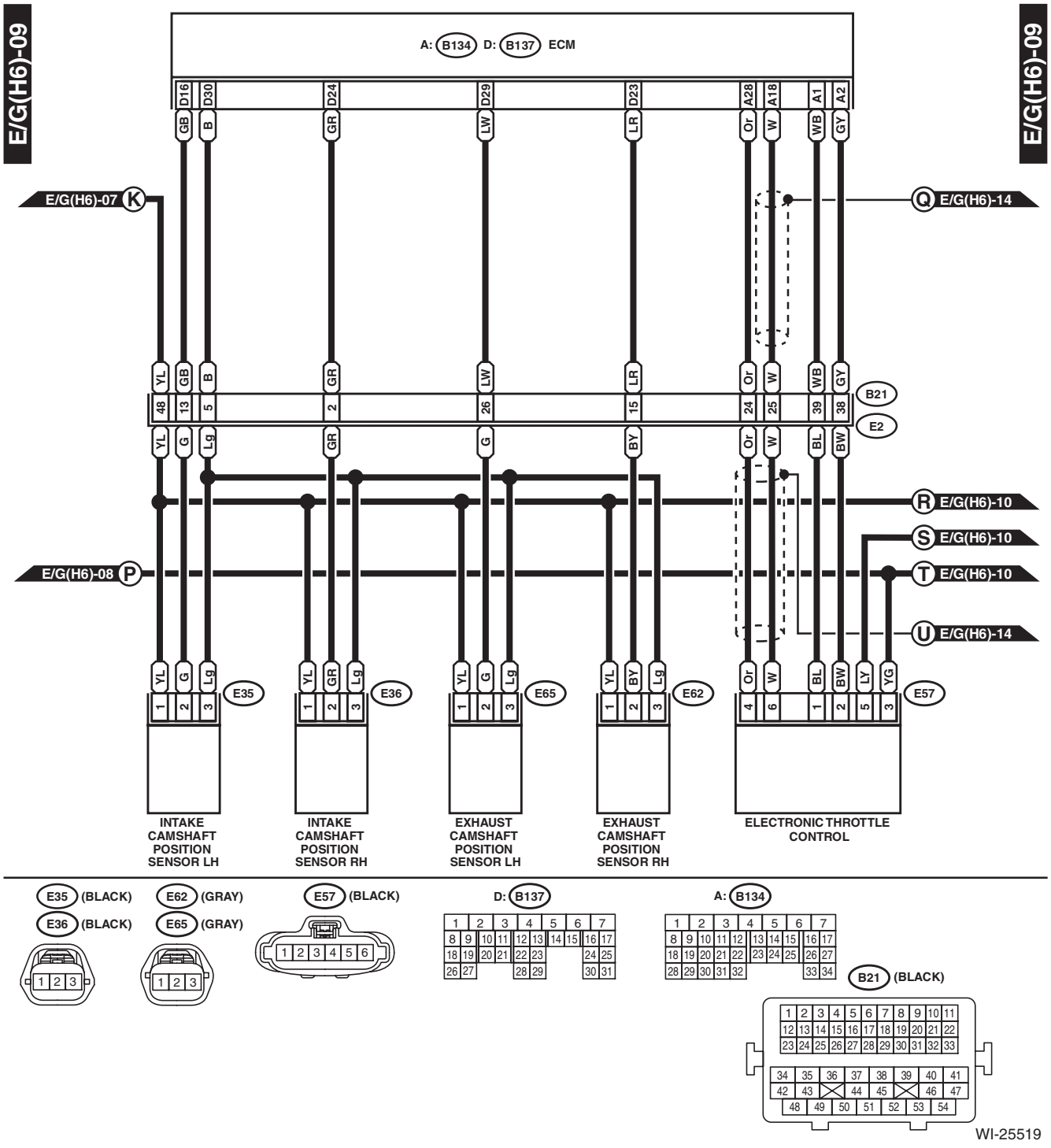

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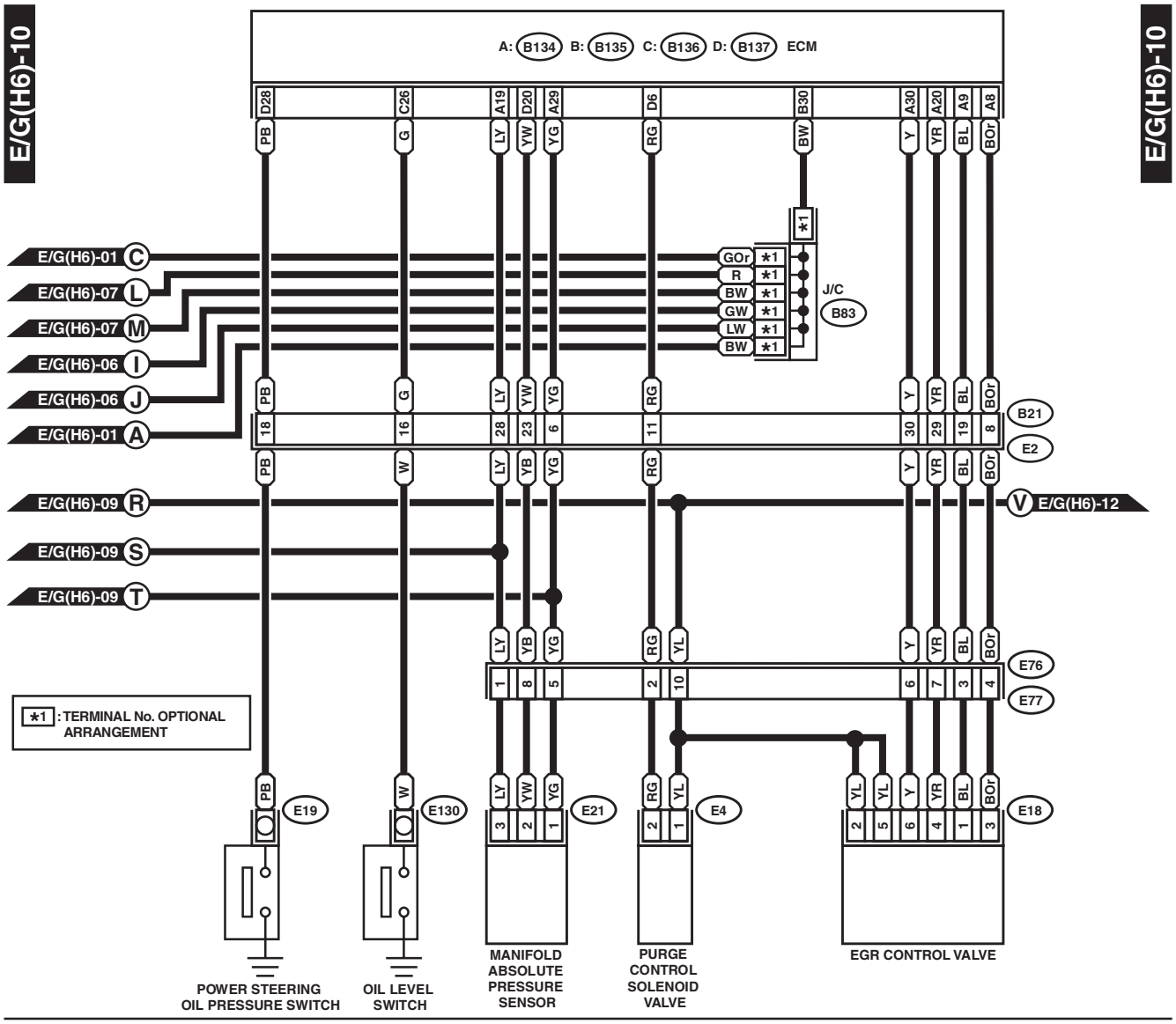

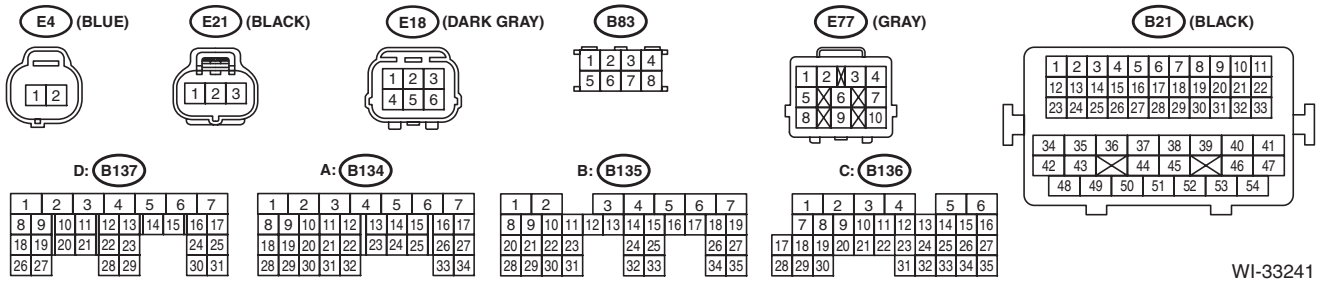

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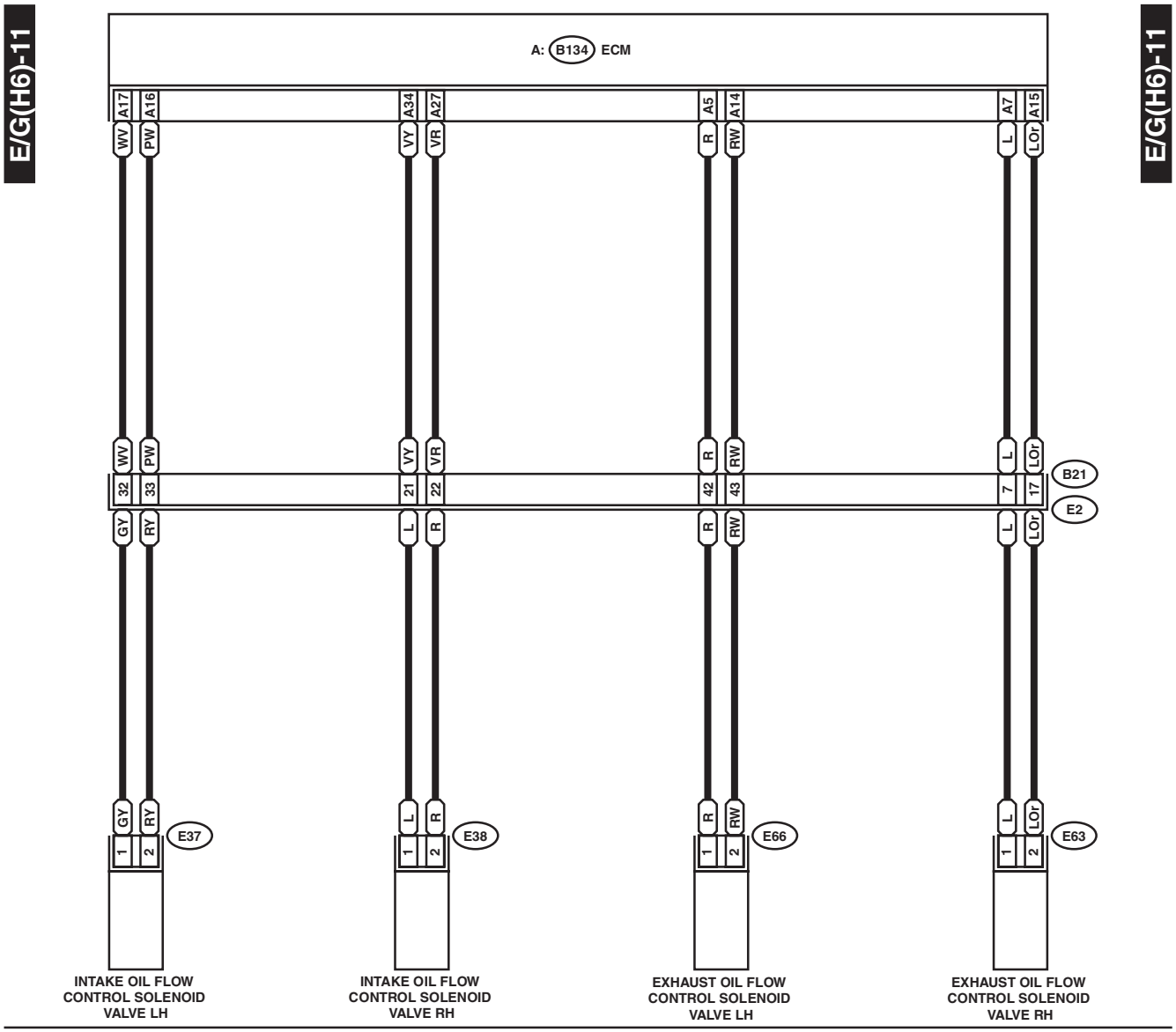

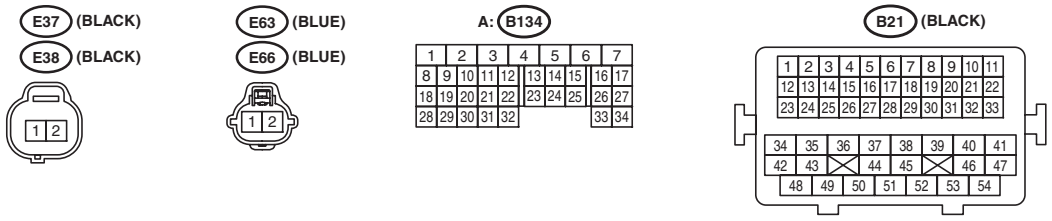

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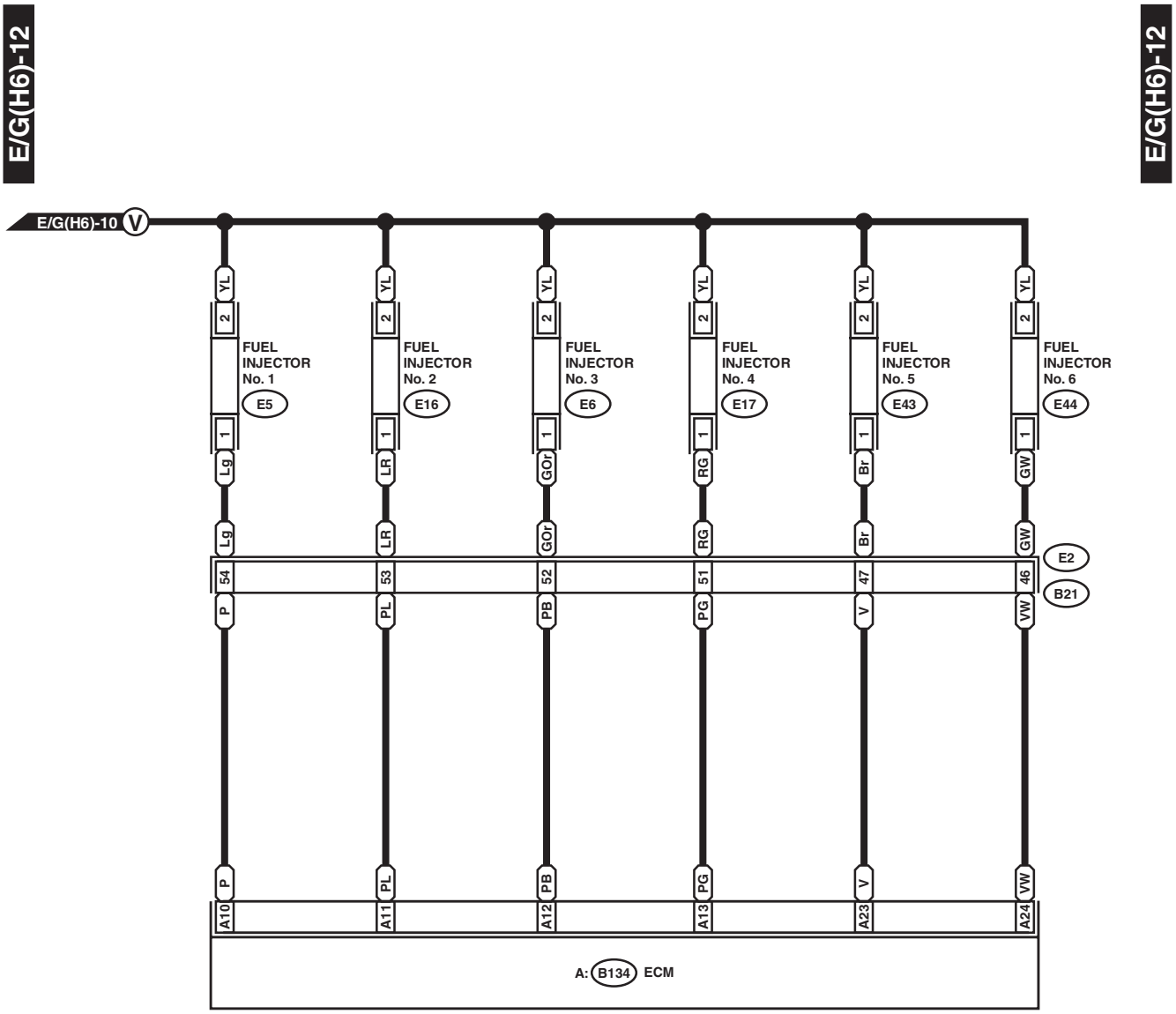

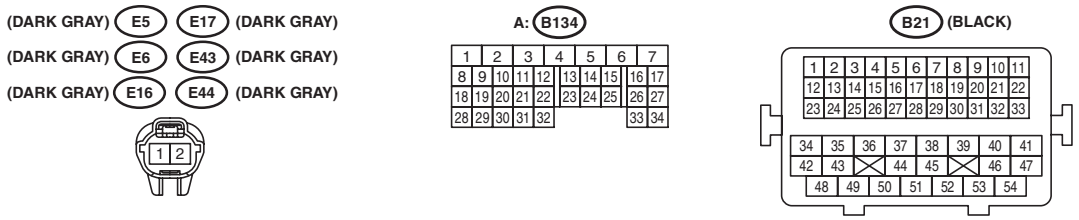

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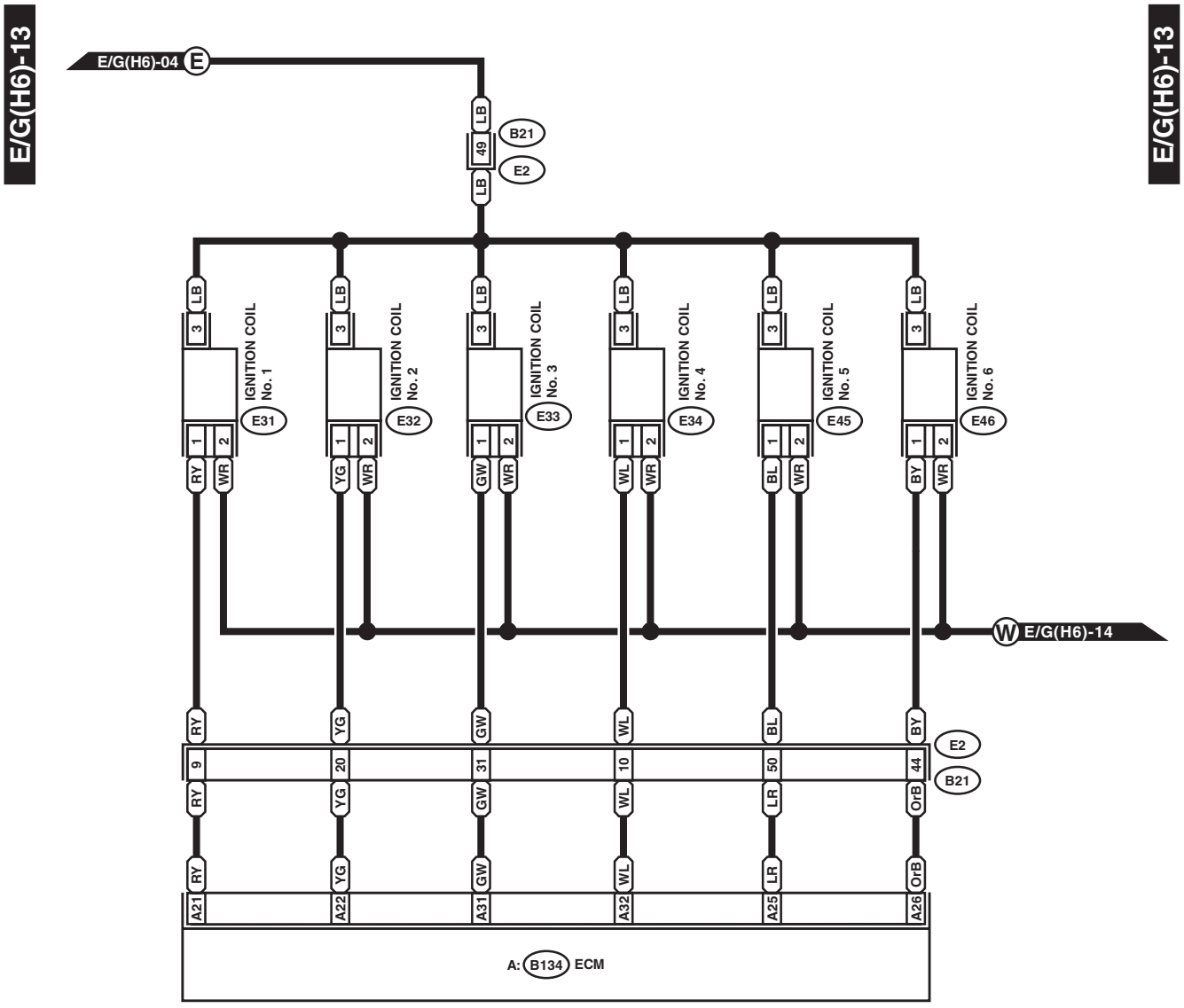

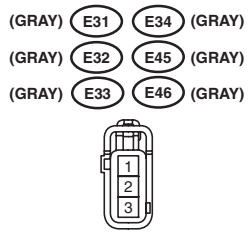

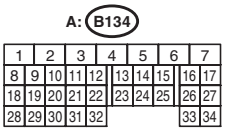

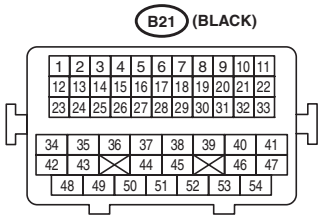

WI-25523

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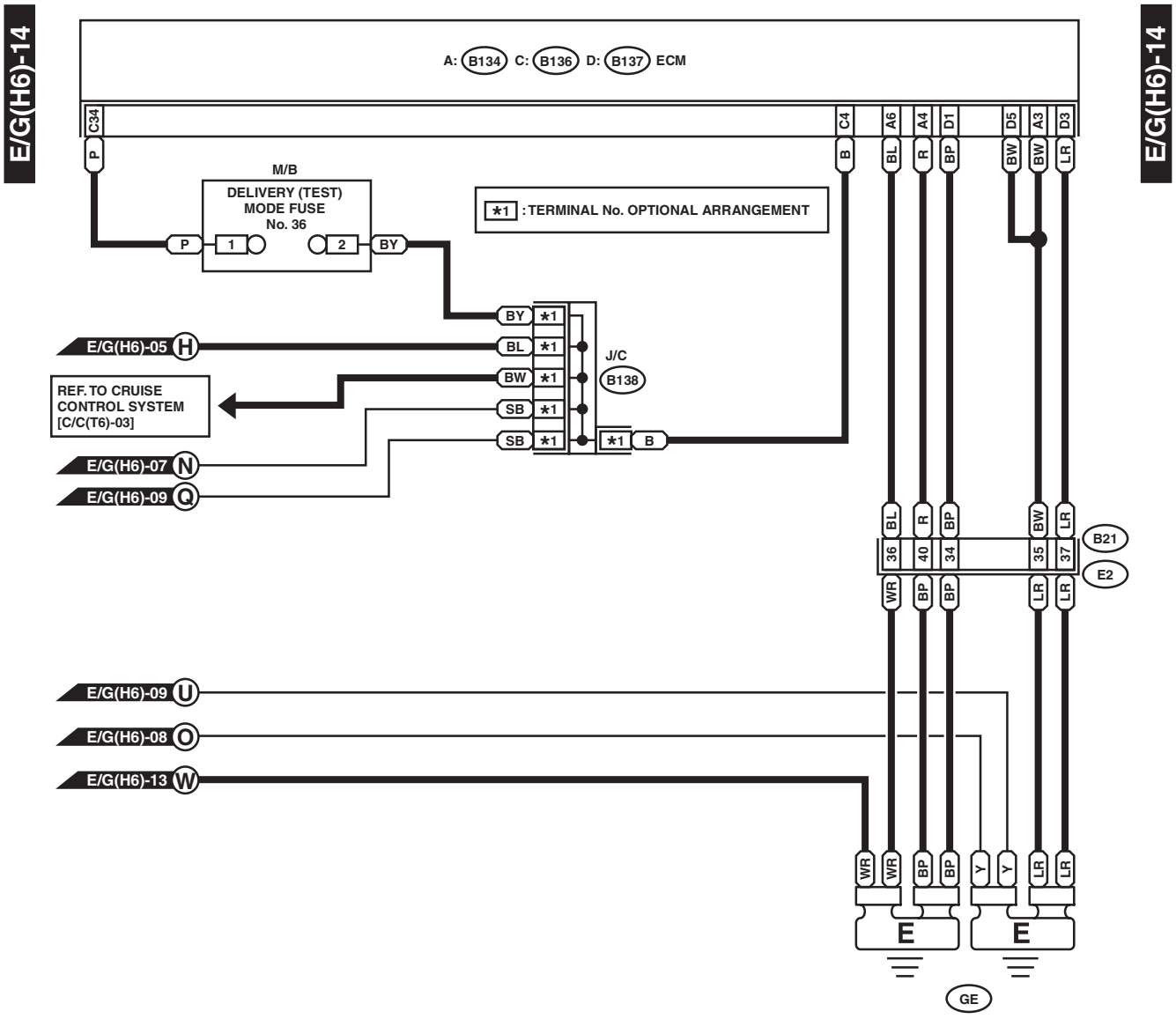

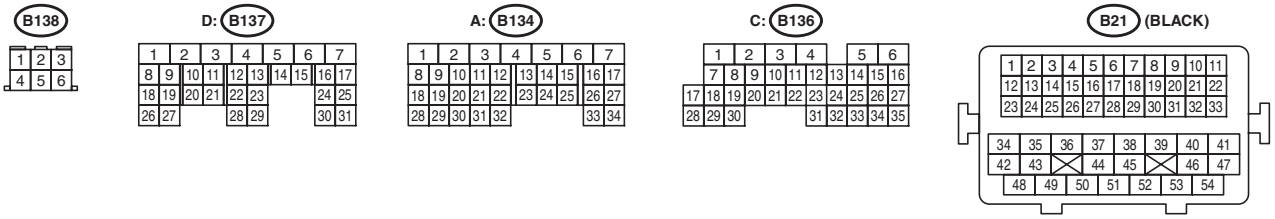

WI-30601

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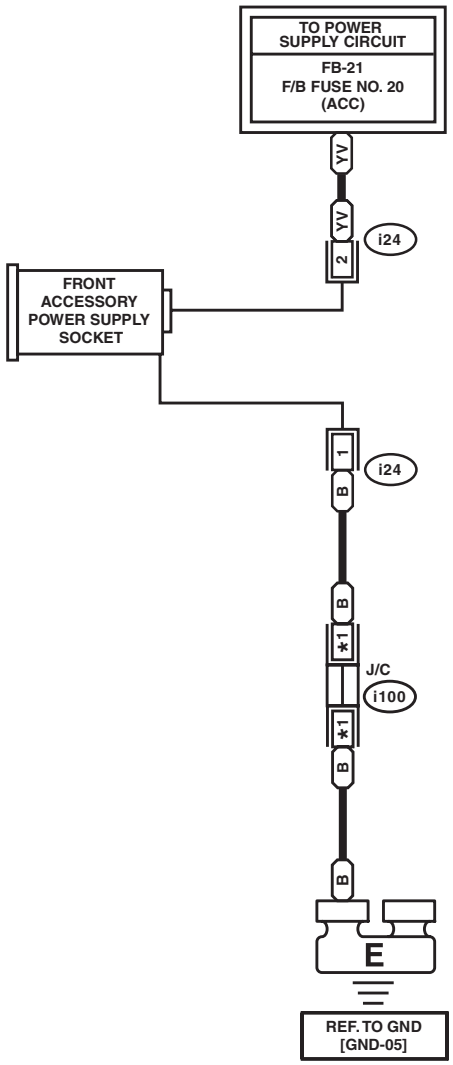
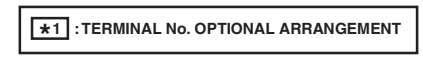
19.Front Accessory Power Supply Socket System

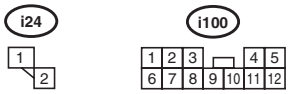
A: WIRING DIAGRAM

FAPS-01





FAPS-01



WI-29373

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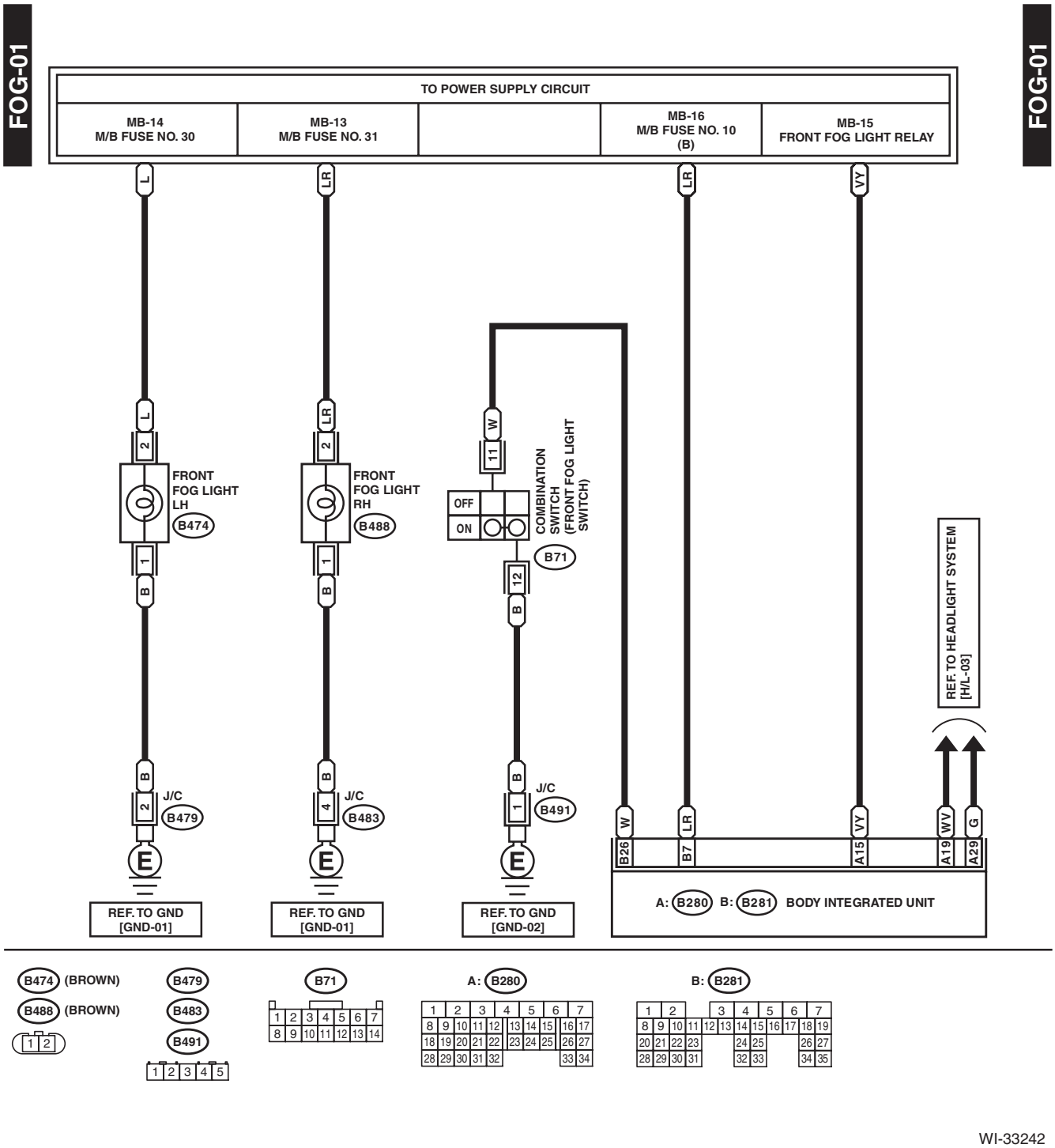
20.Front Fog Light System

A: WIRING DIAGRAM



WI-33242

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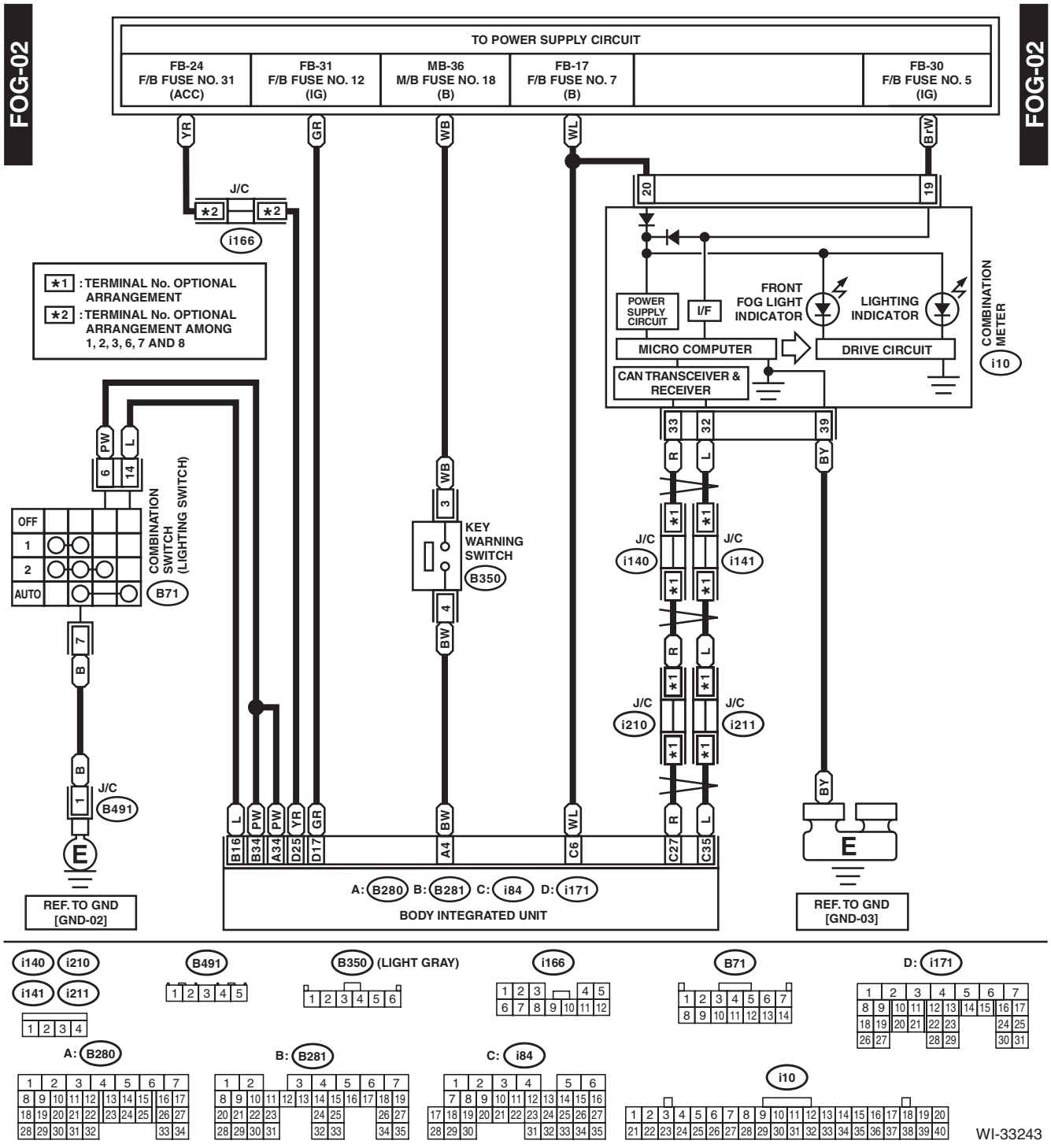
Front Fog Light System

WIRING SYSTEM



WI-33243

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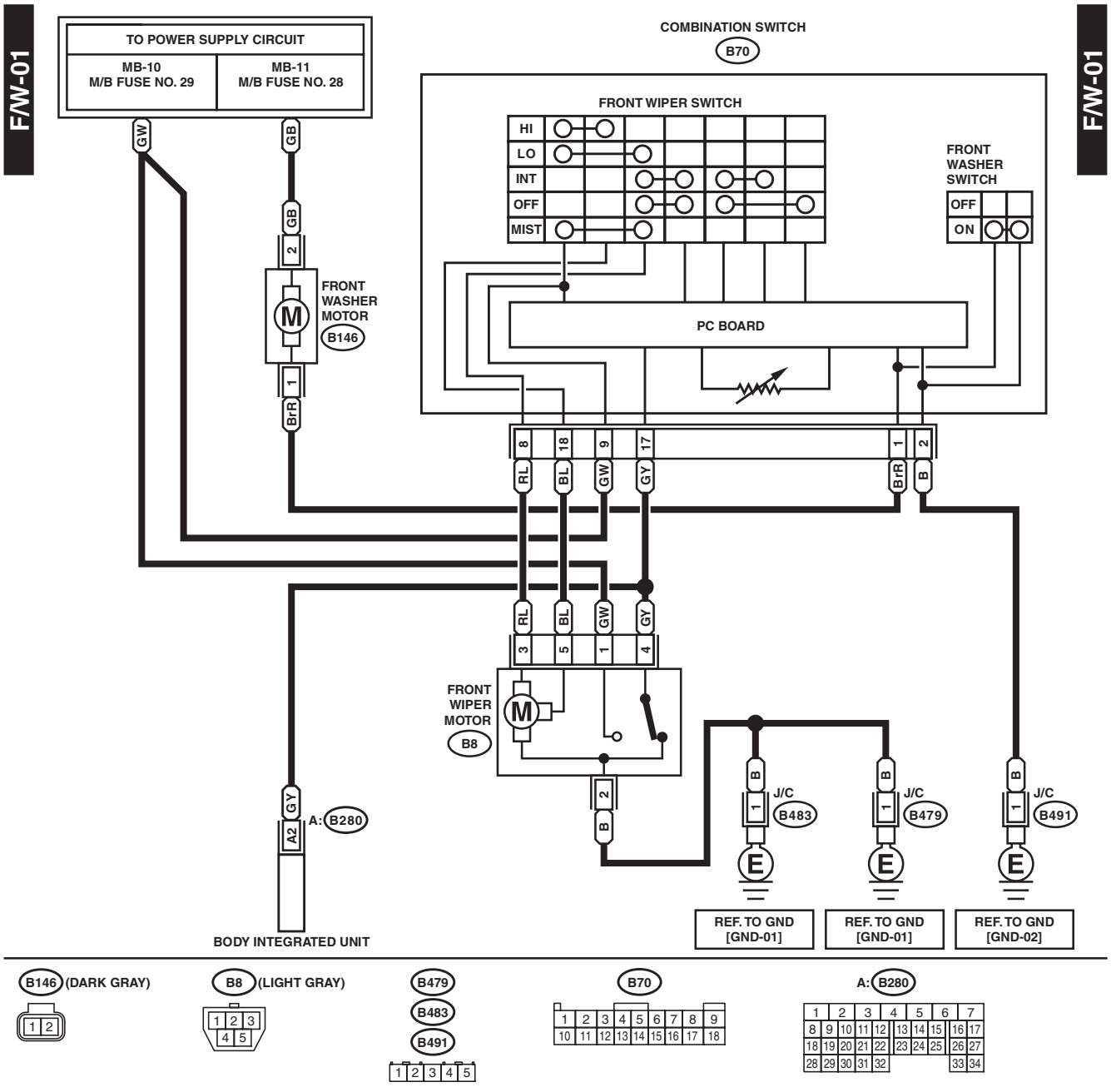
21.Front Wiper and Washer System

A: WIRING DIAGRAM



WI-33244

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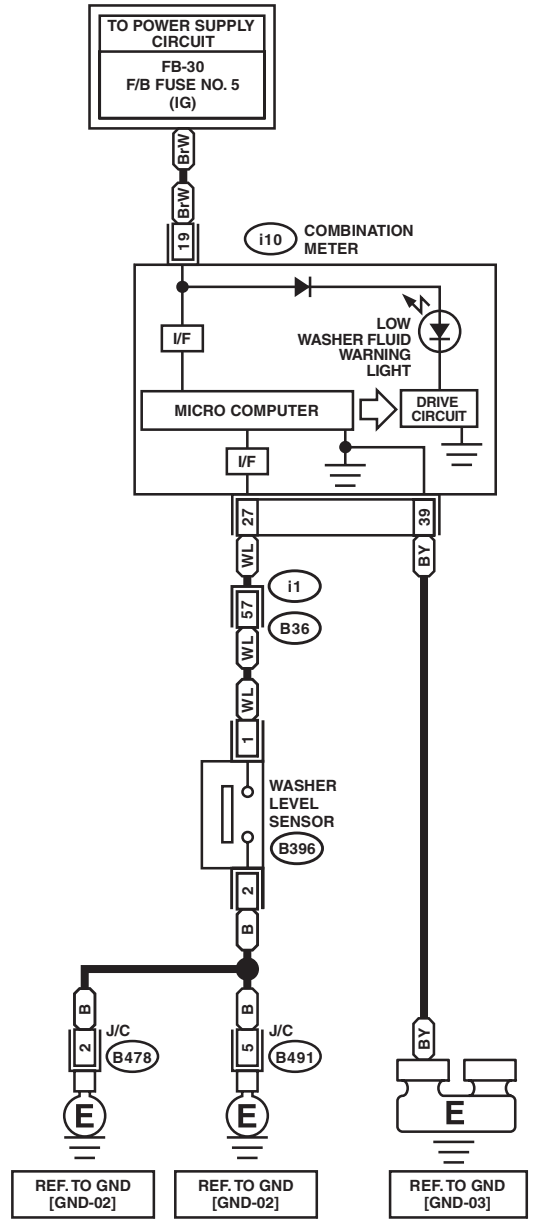
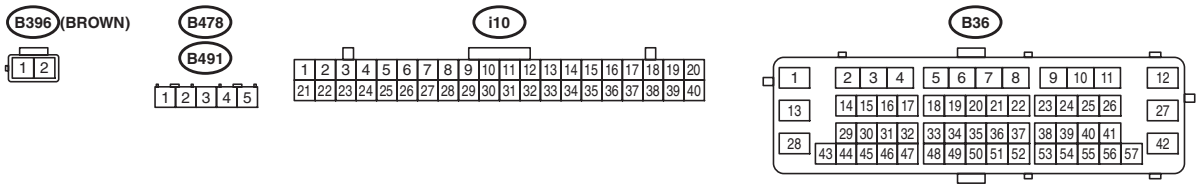
F/W-02





WI-29376

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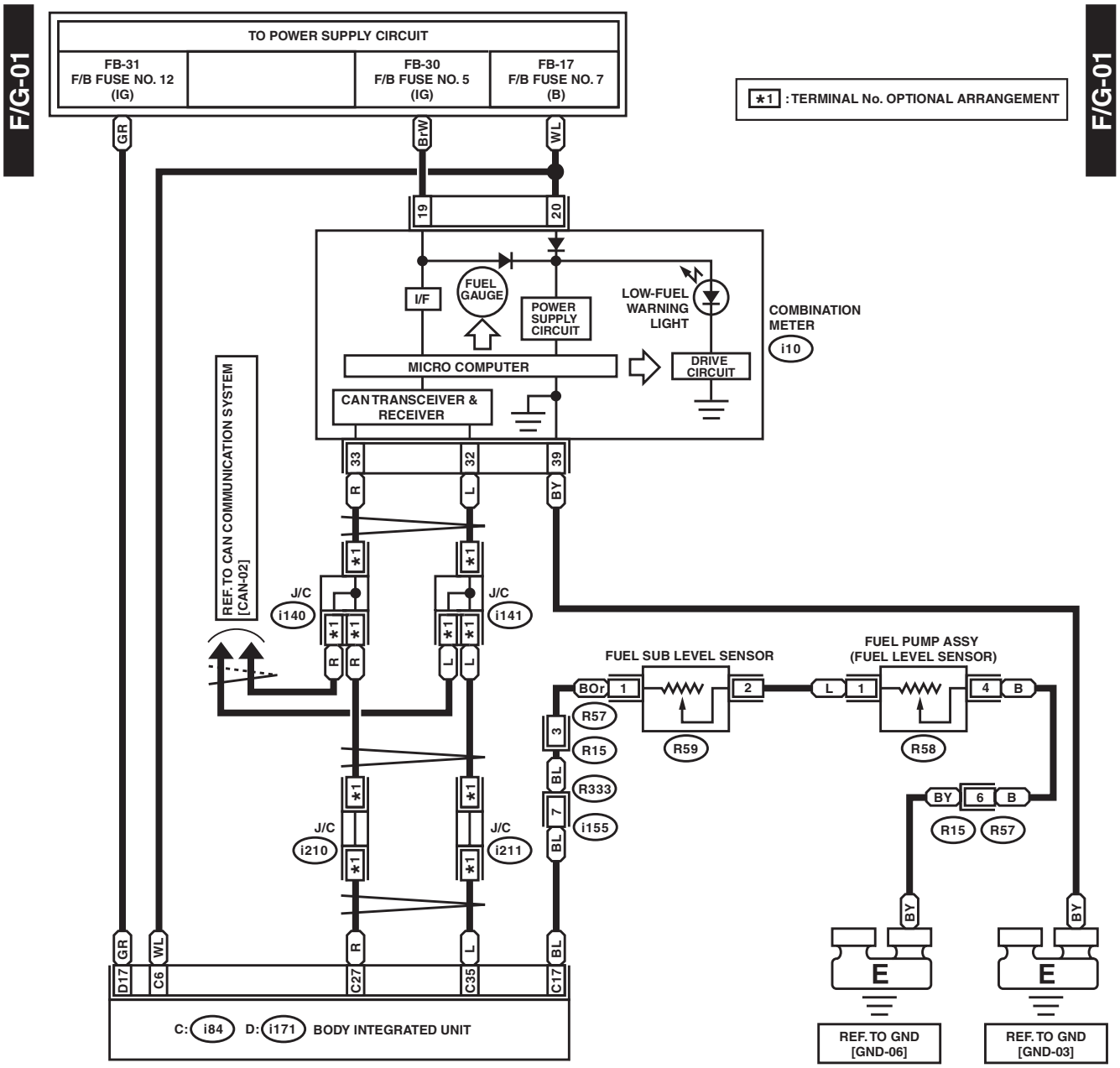
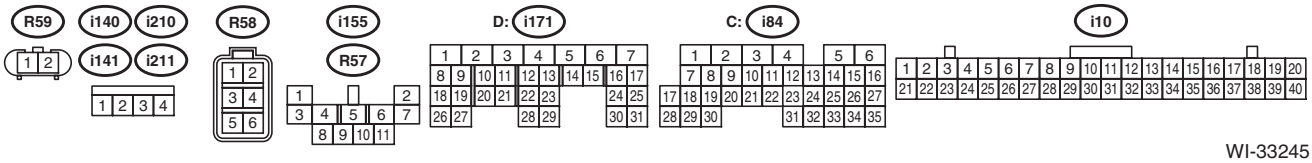
22.Fuel Gauge System

A: WIRING DIAGRAM





WI-33245

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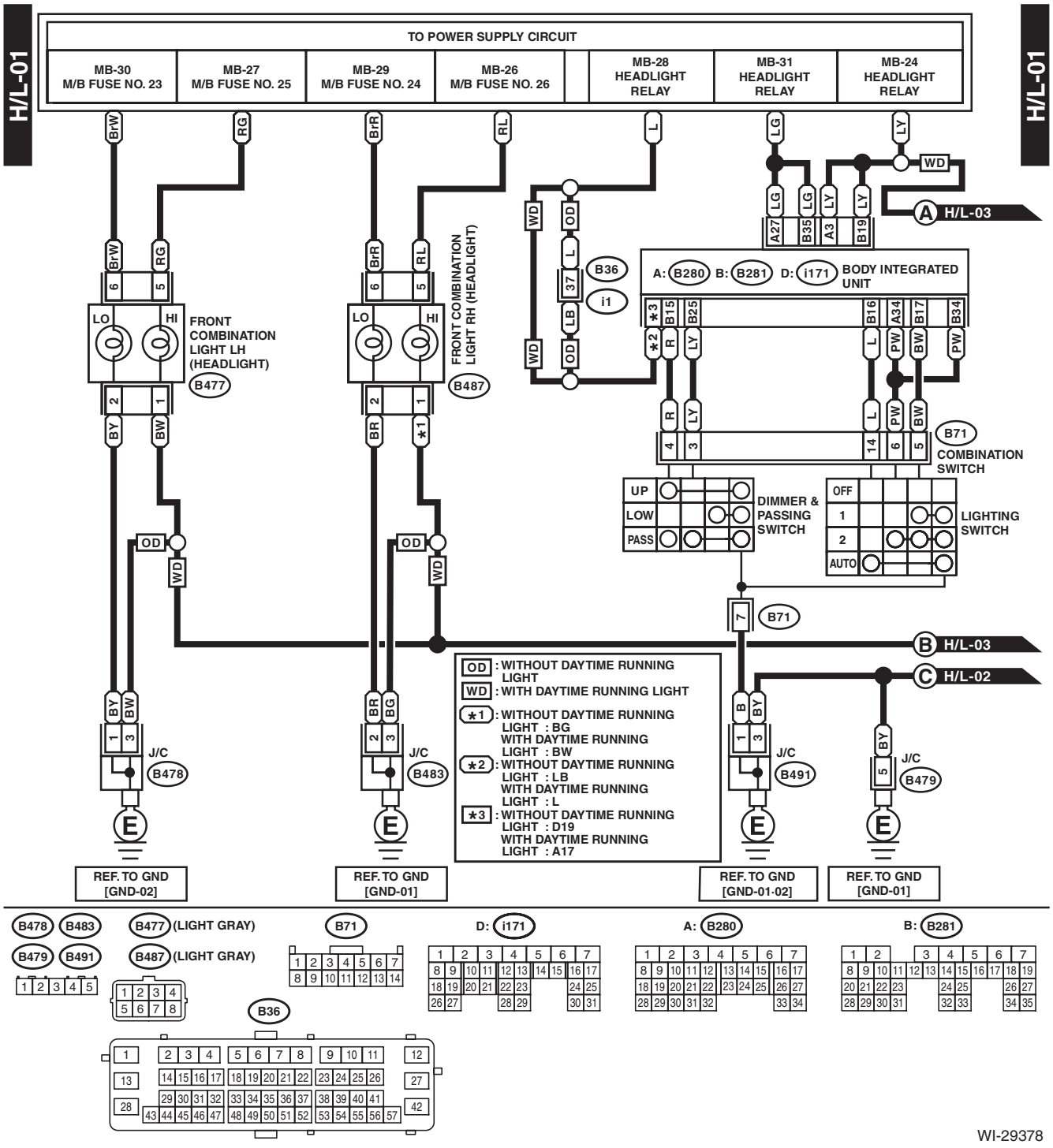
23.Headlight System

A: WIRING DIAGRAM



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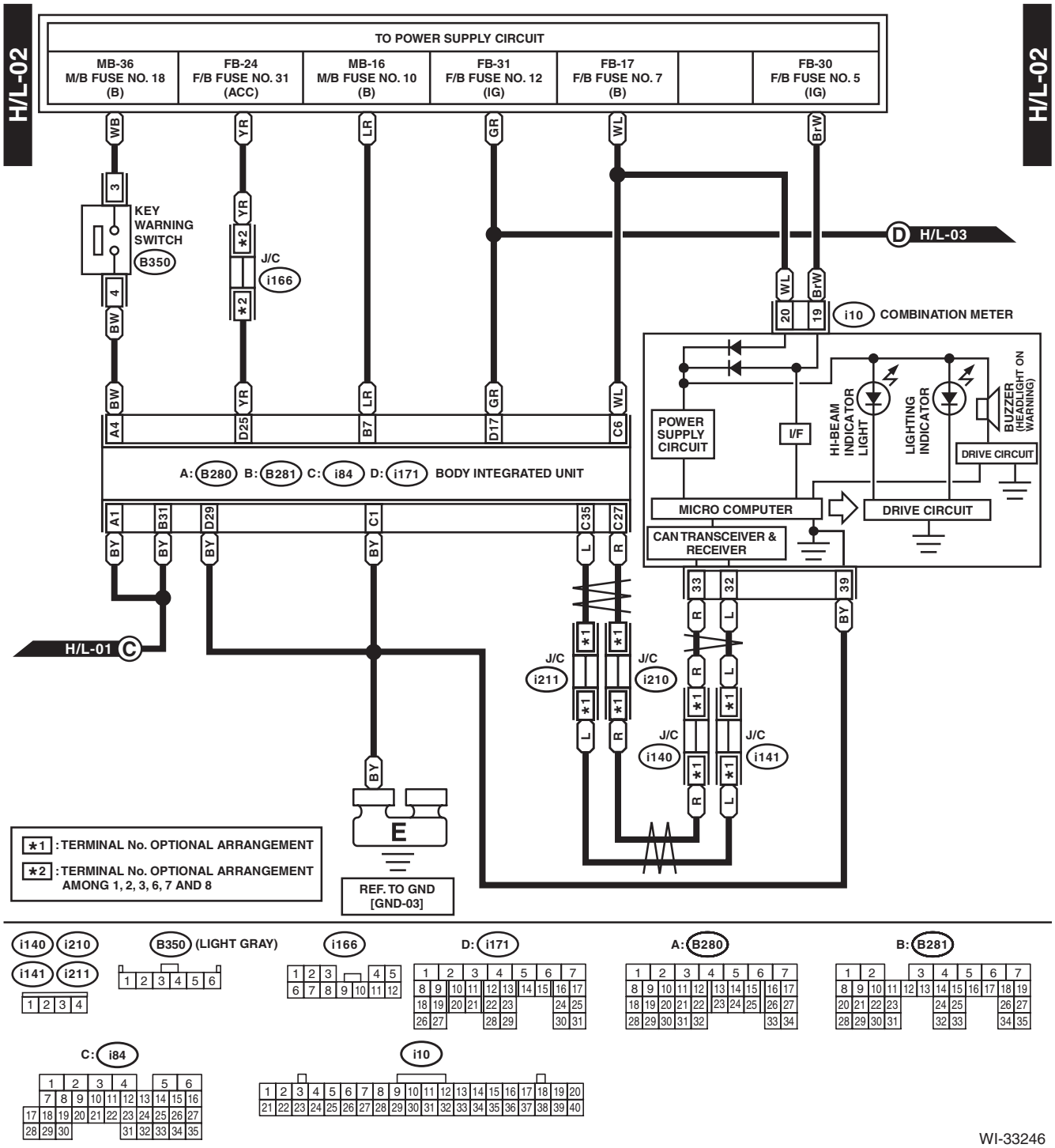

WI-33246

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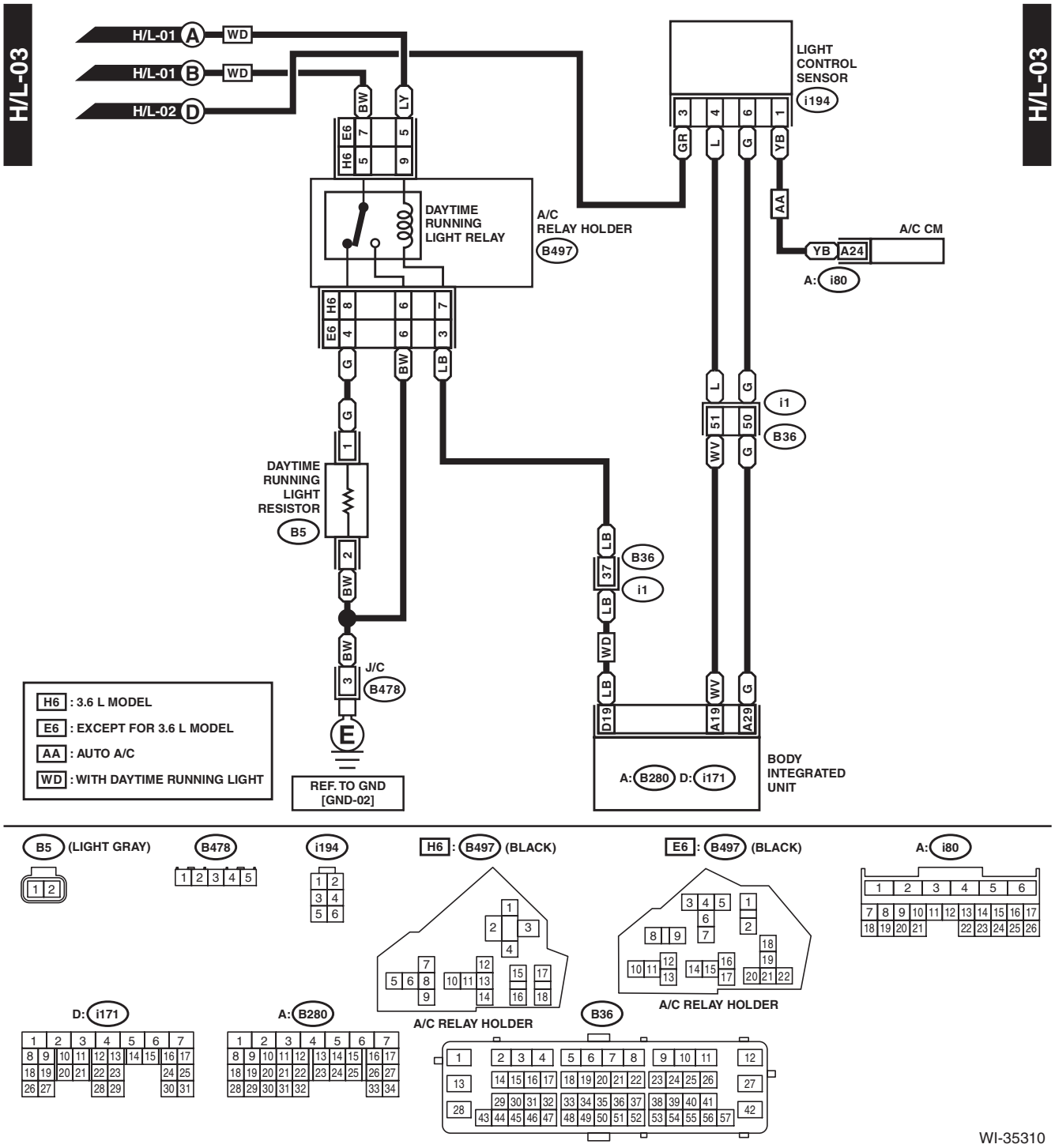
WIRING SYSTEM



WI-35310

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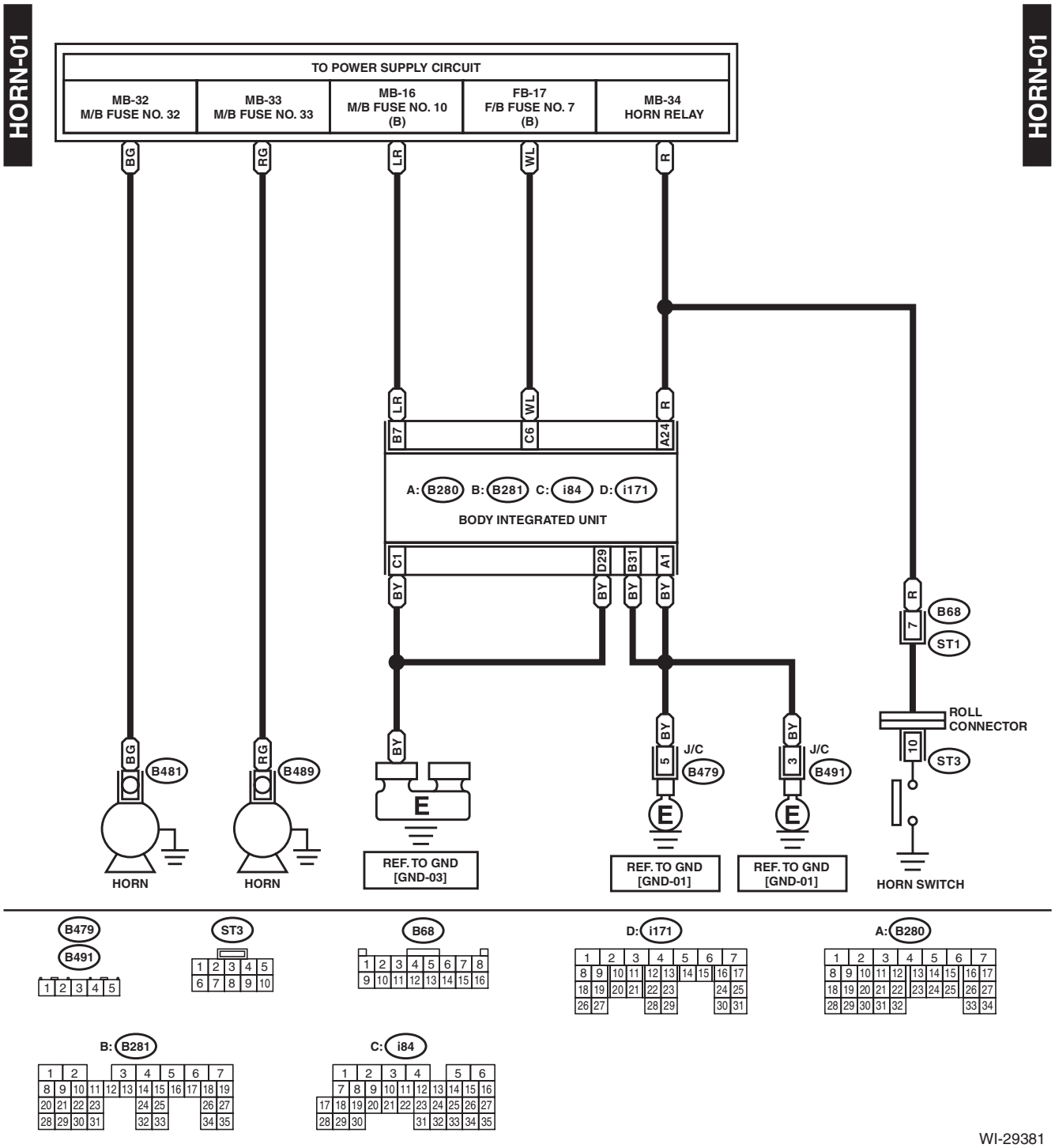
24.Horn System

A: WIRING DIAGRAM



WI-29381

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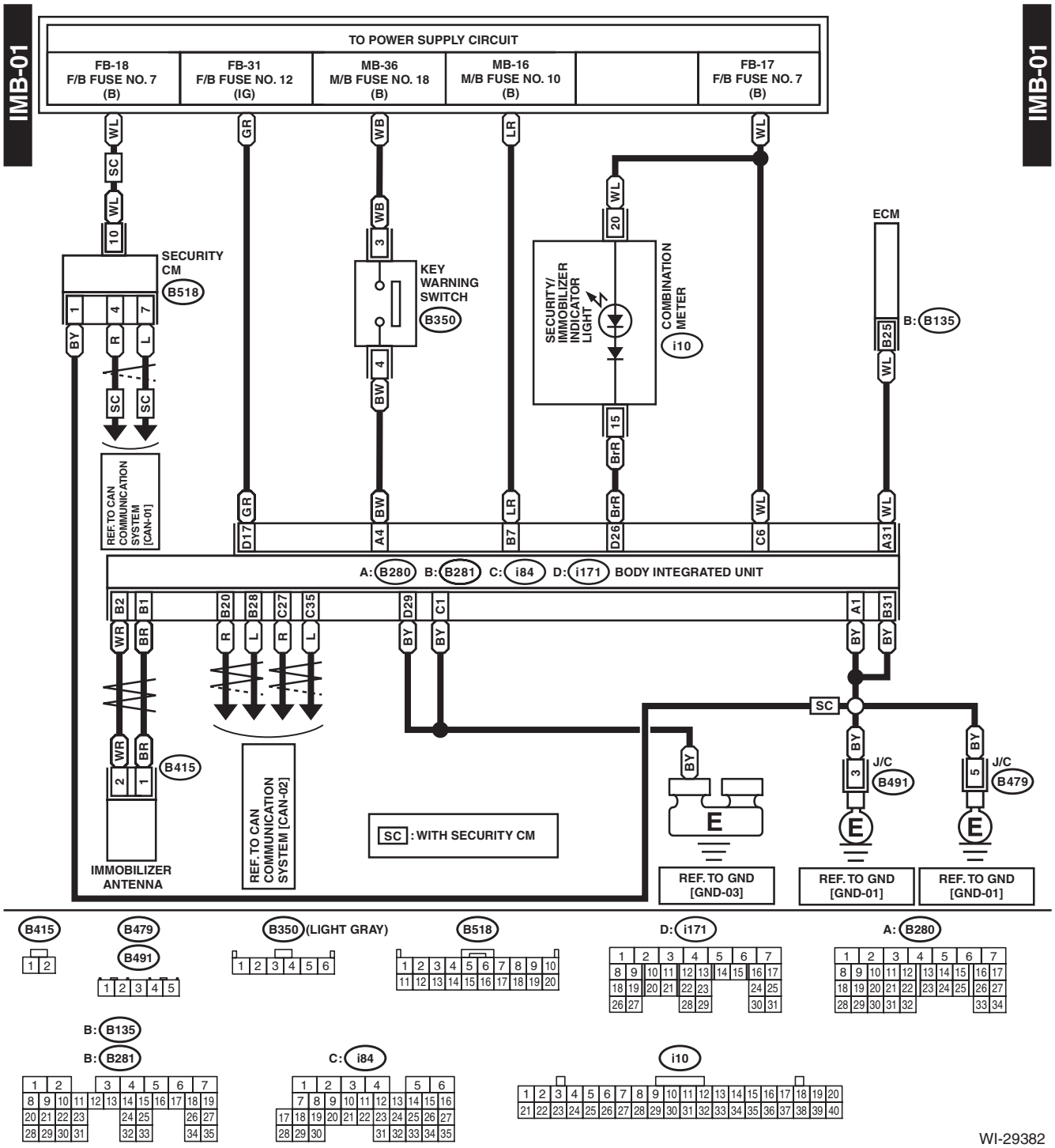
25.Immobilizer System

A: WIRING DIAGRAM



WI-29382

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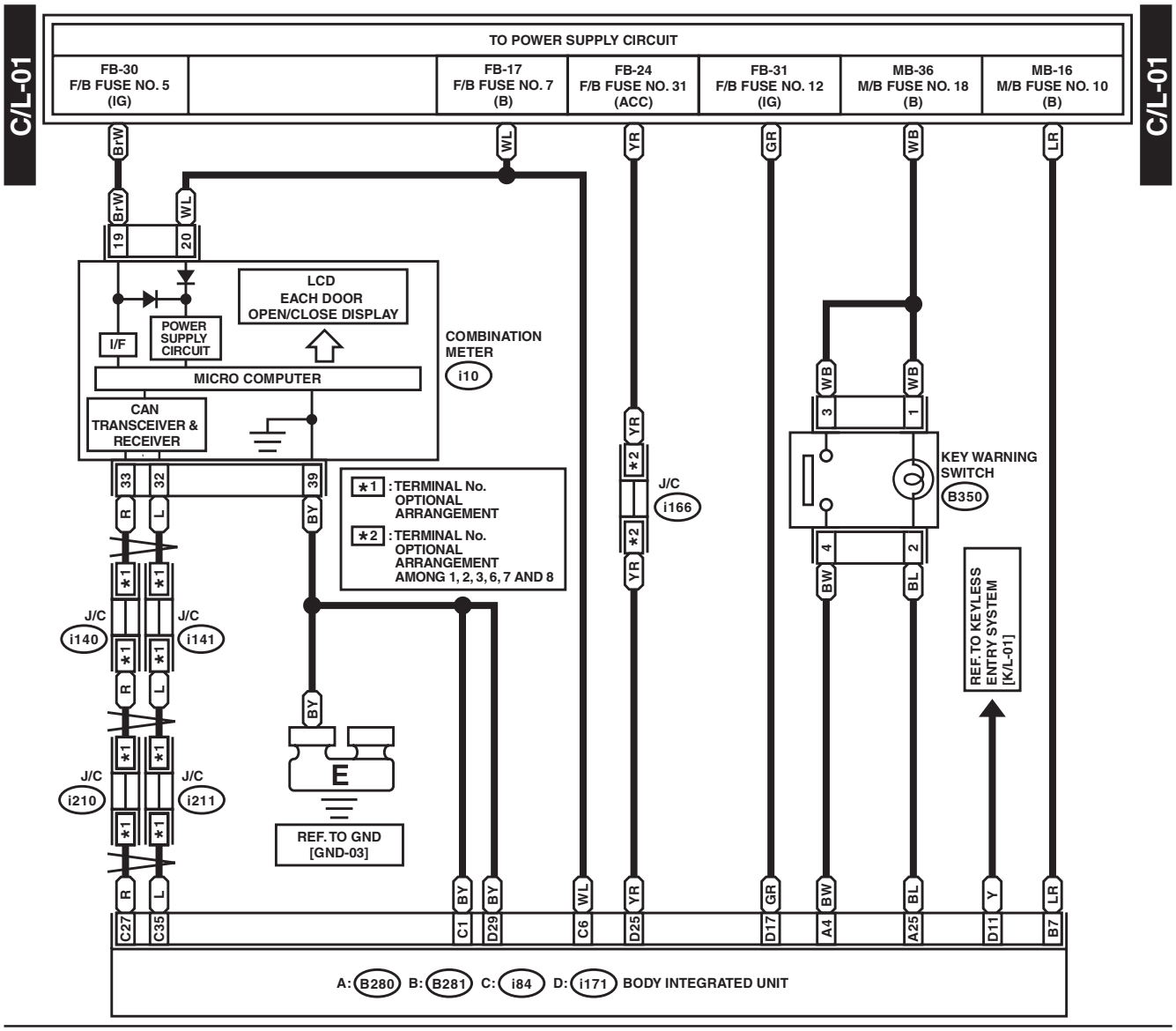
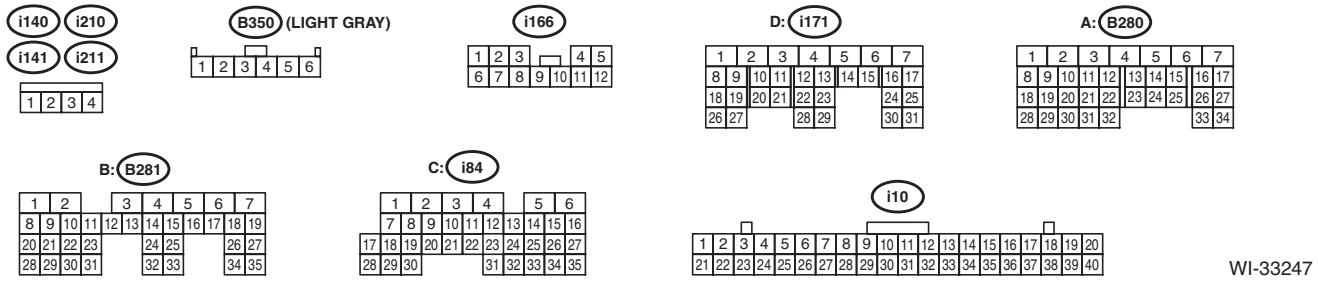
26.Interior Light System

A: WIRING DIAGRAM





WI-33247

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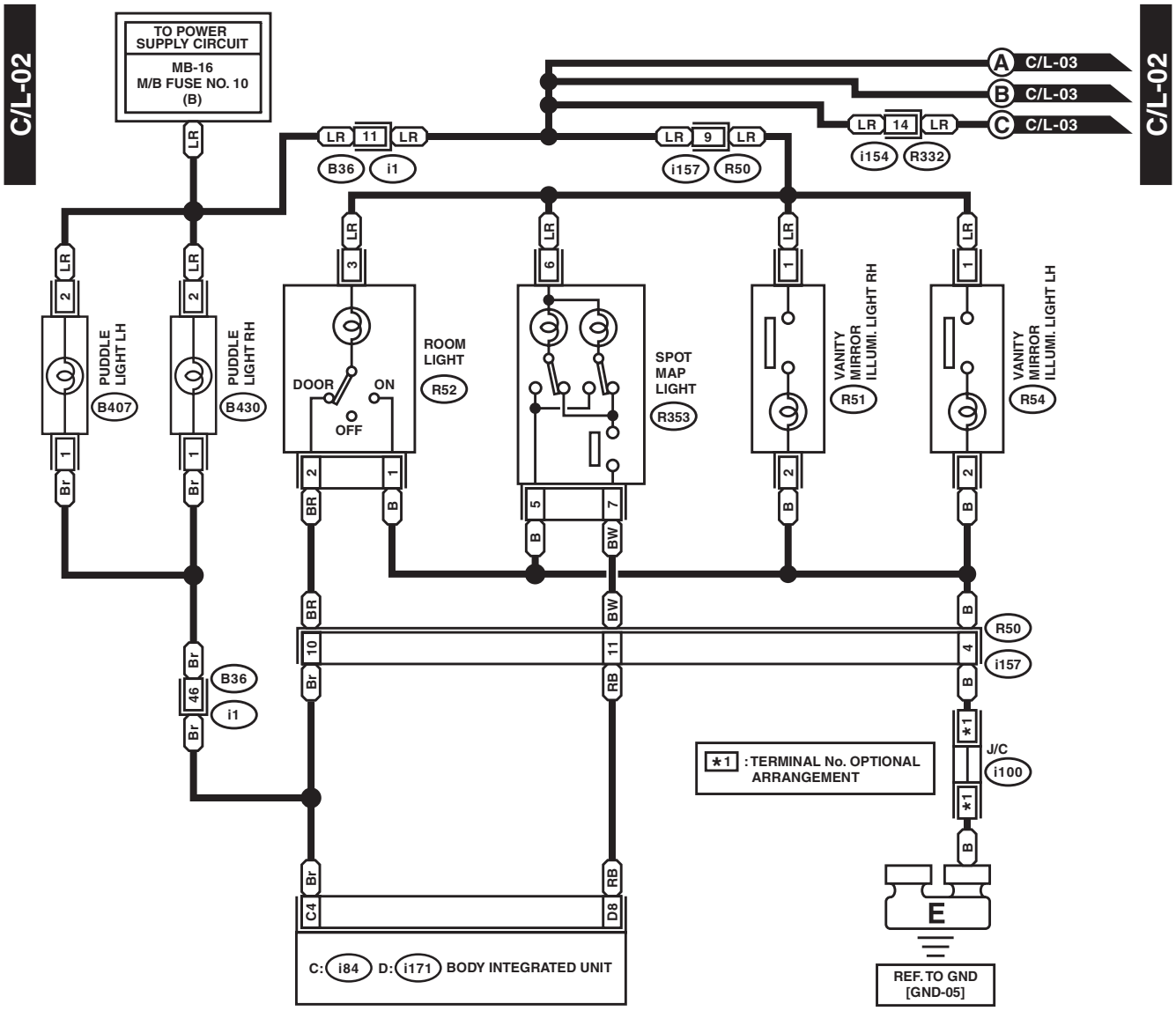
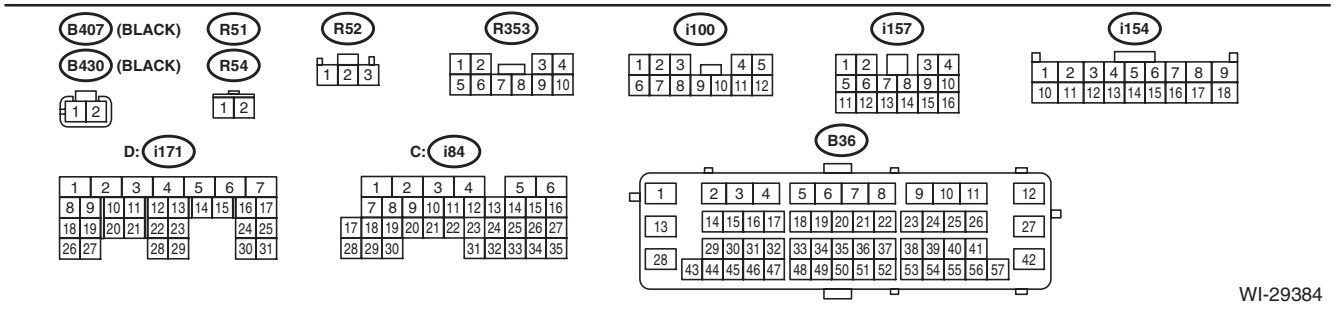
Interior Light System

WIRING SYSTEM





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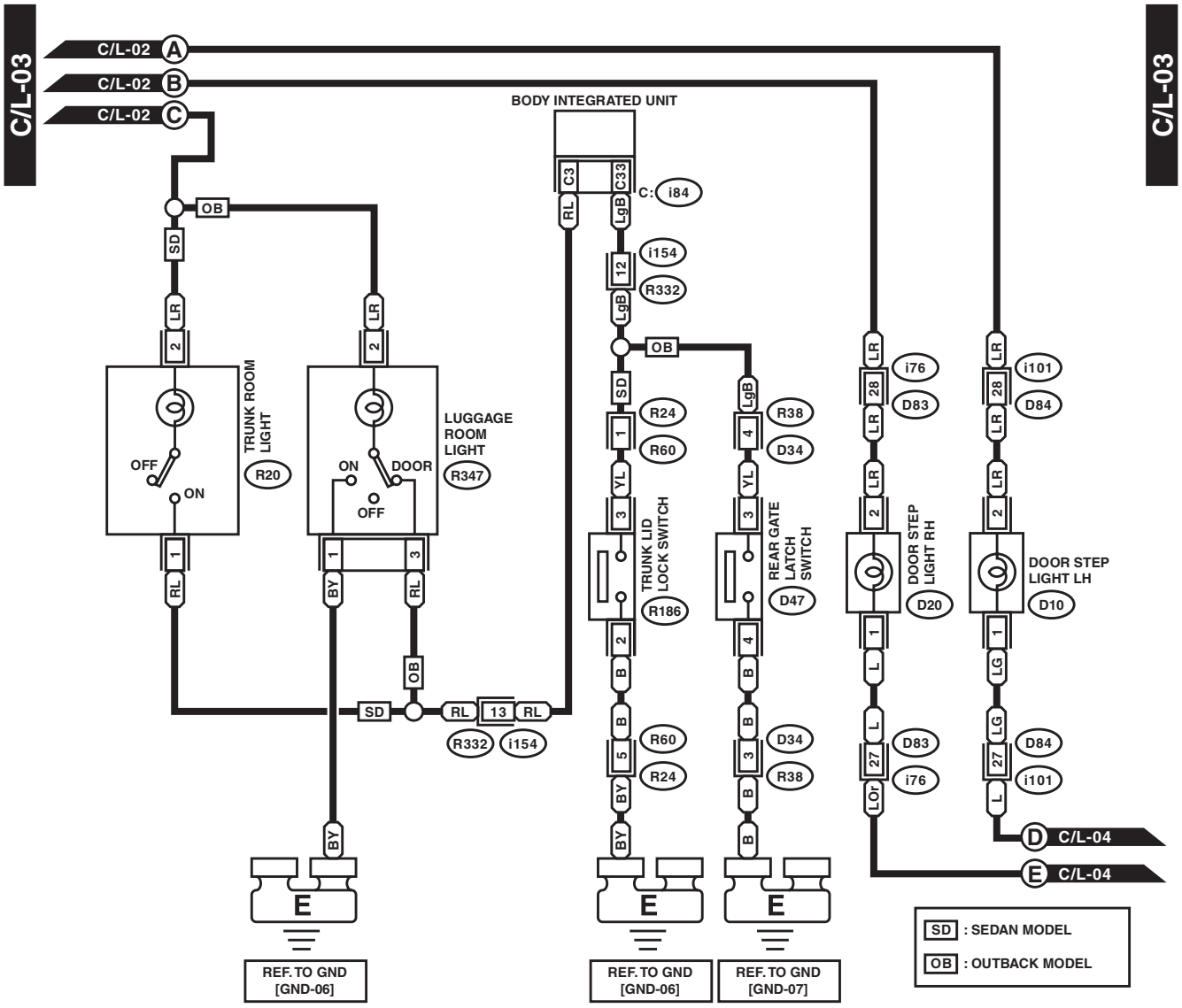
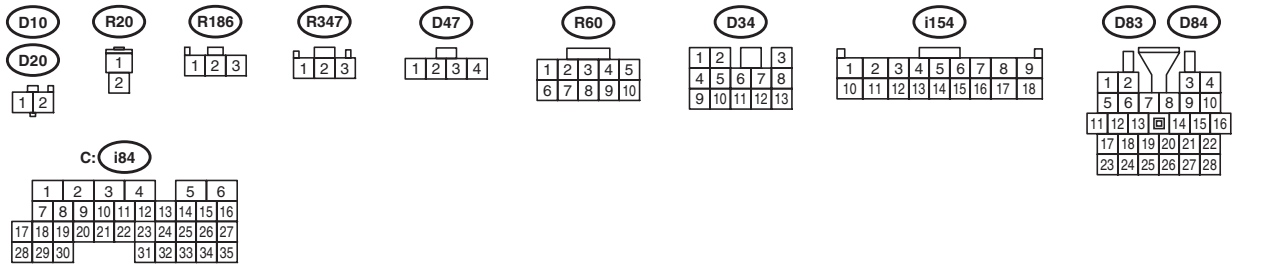
Interior Light System





WI-29385

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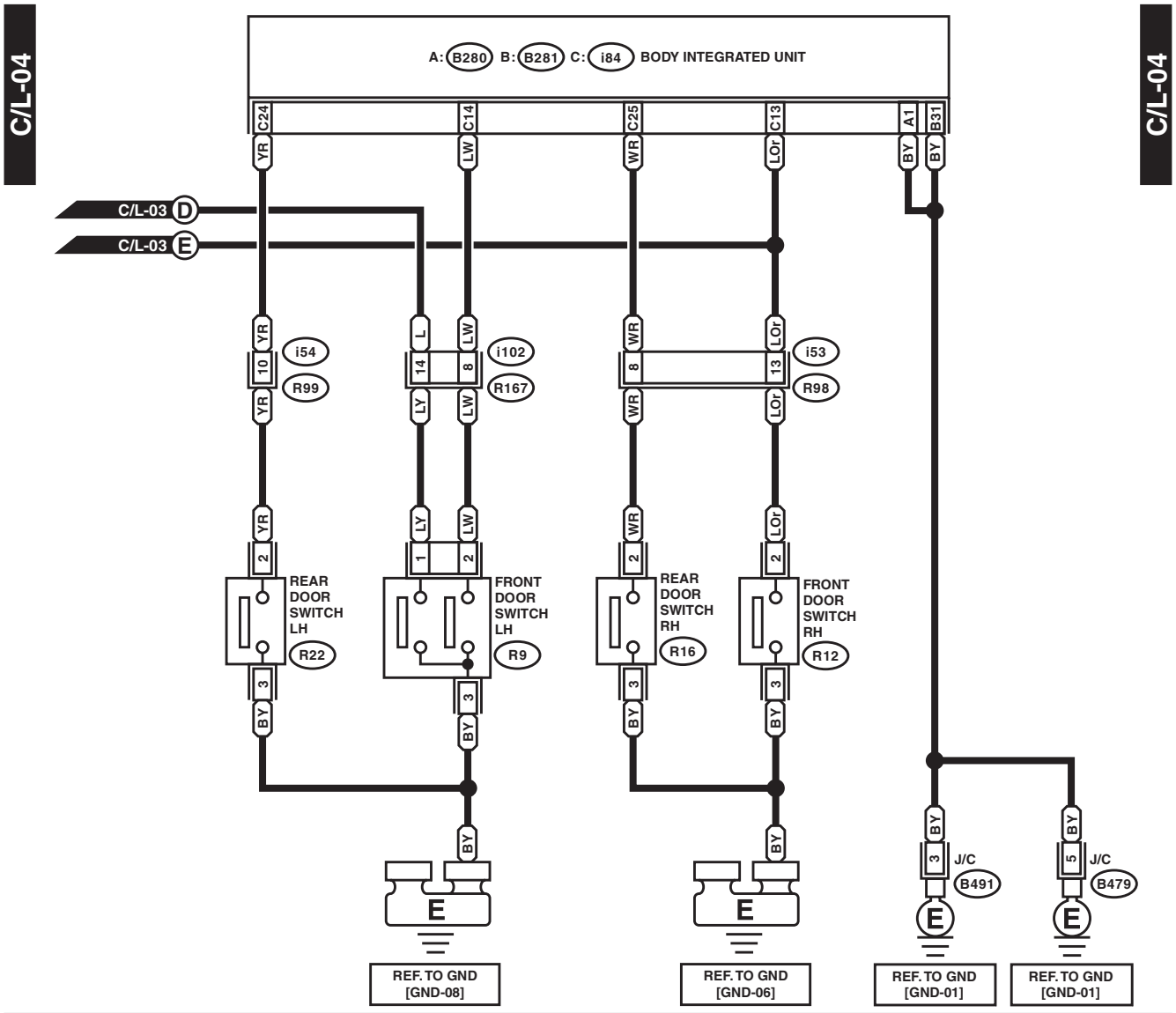

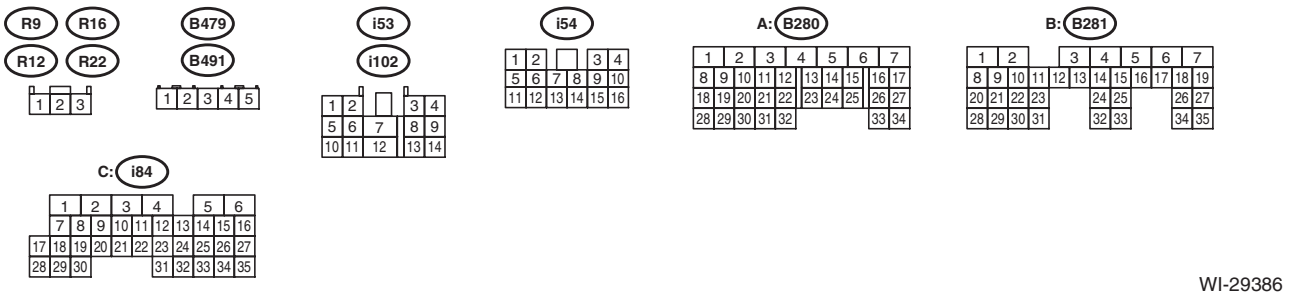

WI-29386

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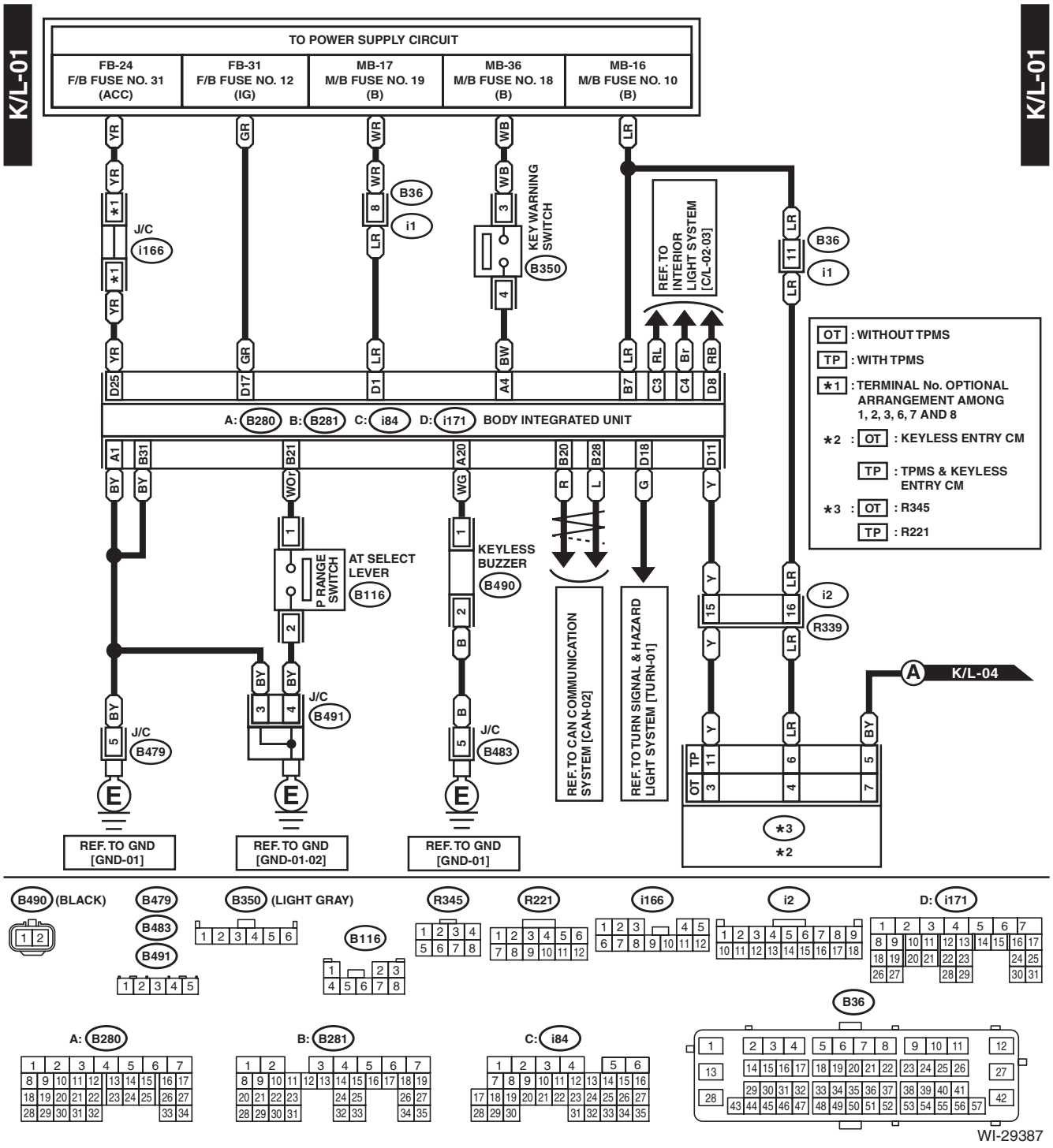
27.Keyless Entry System

A: WIRING DIAGRAM



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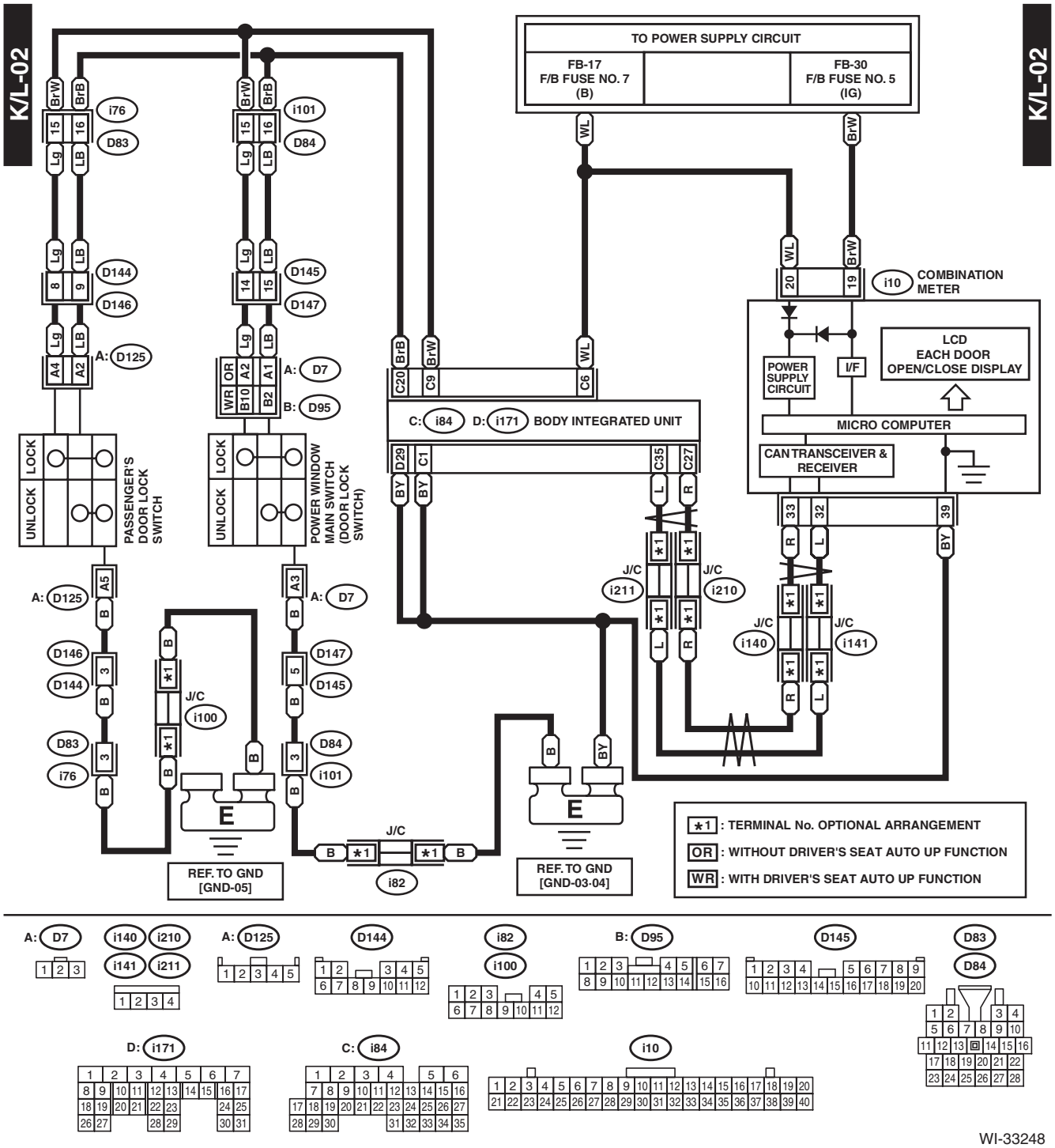
WIRING SYSTEM



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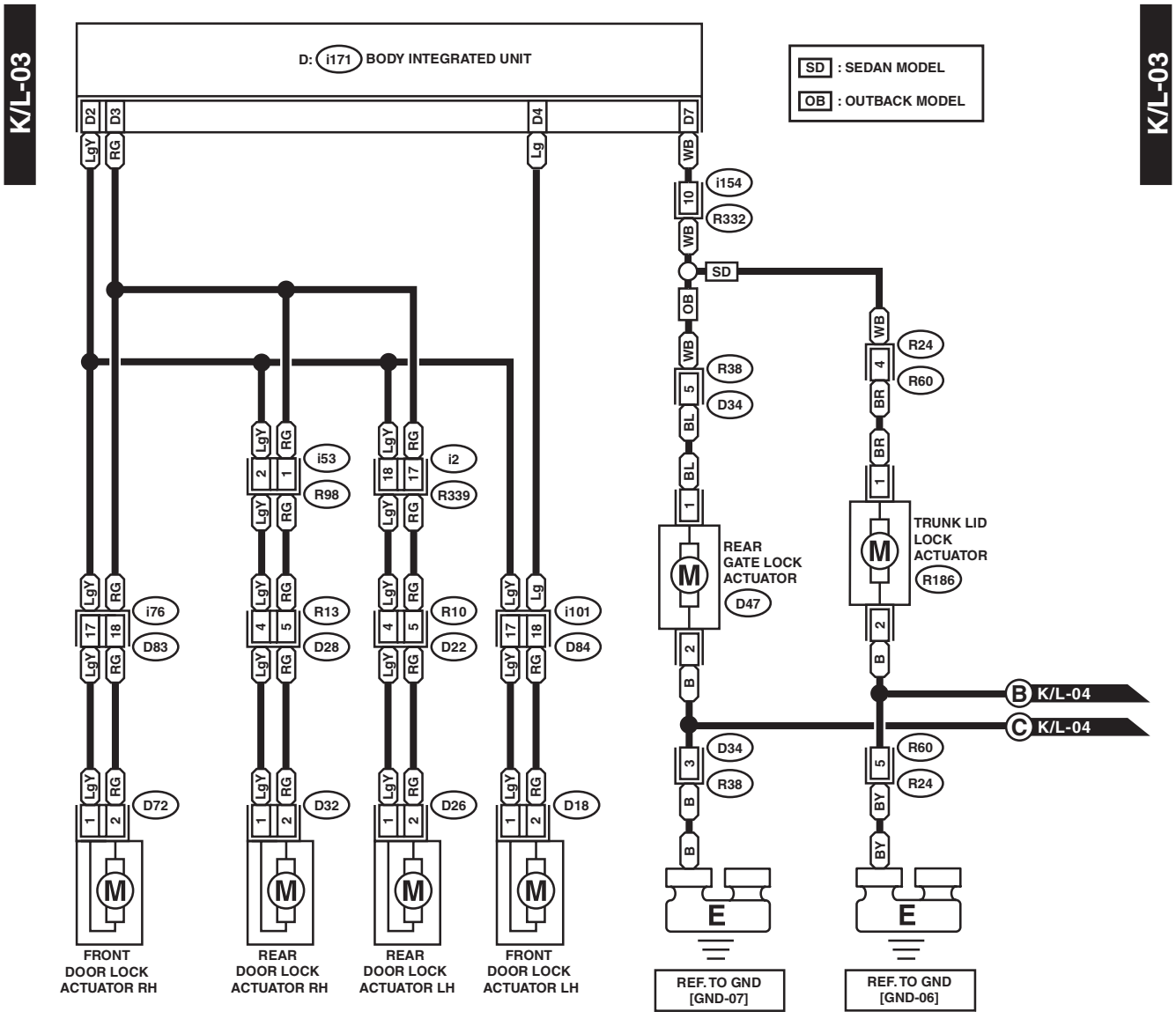

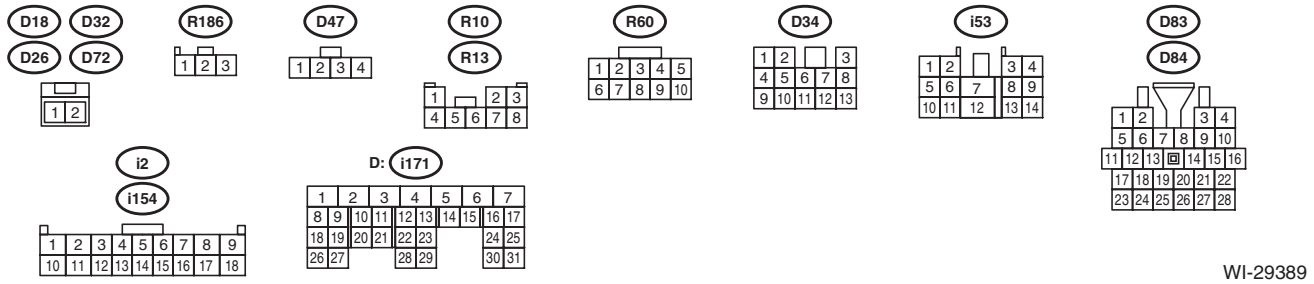

WI-29389

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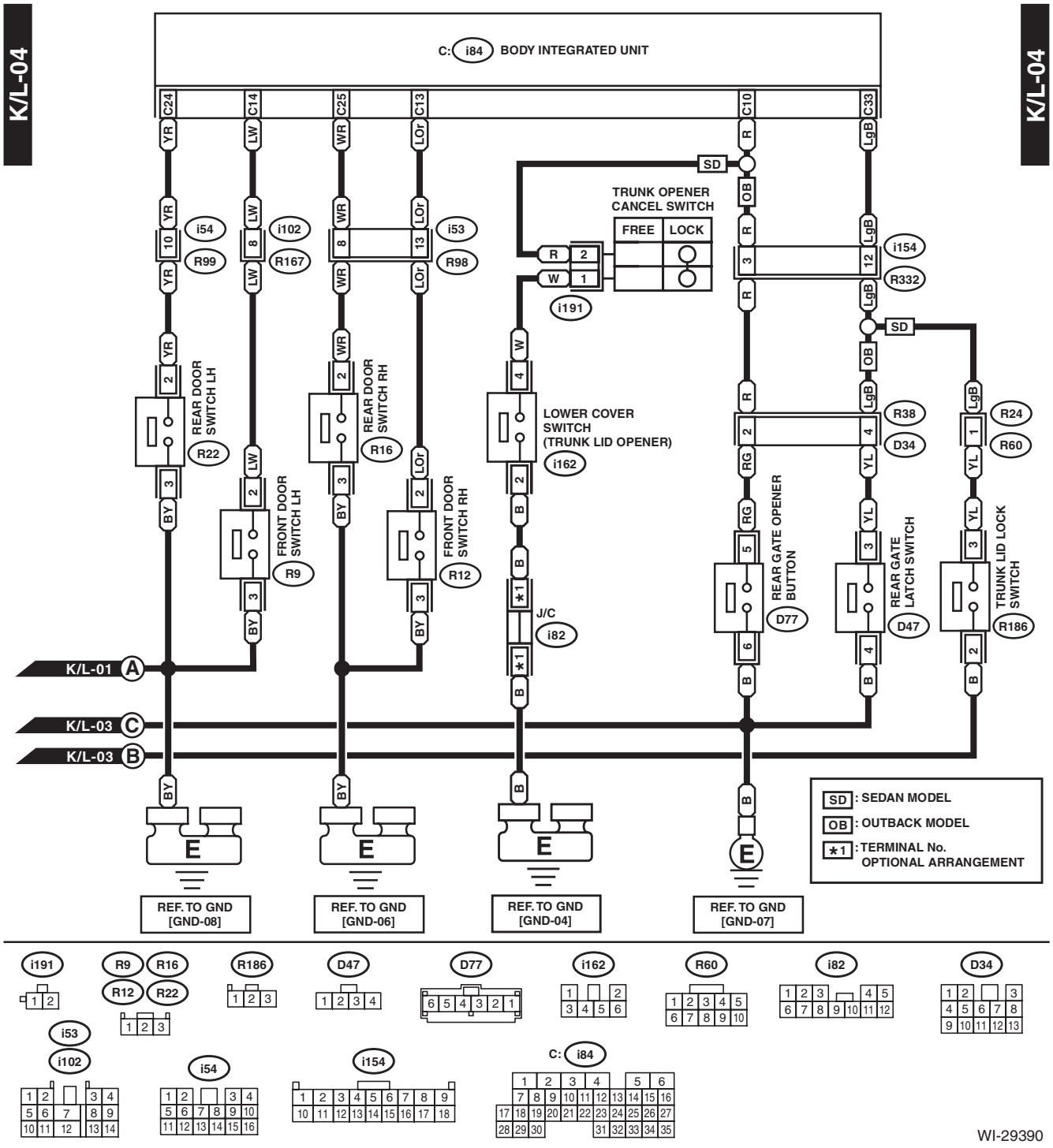

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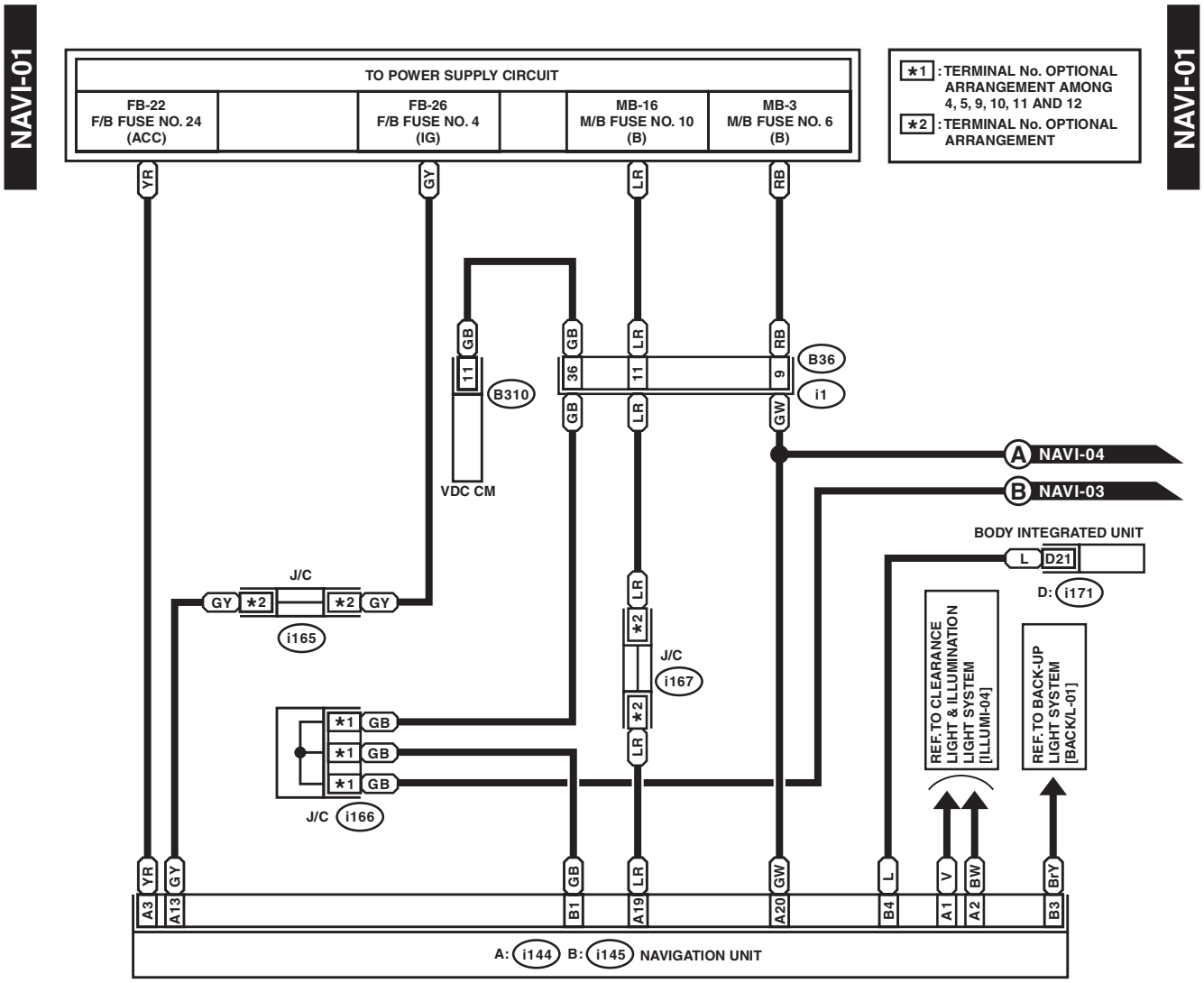
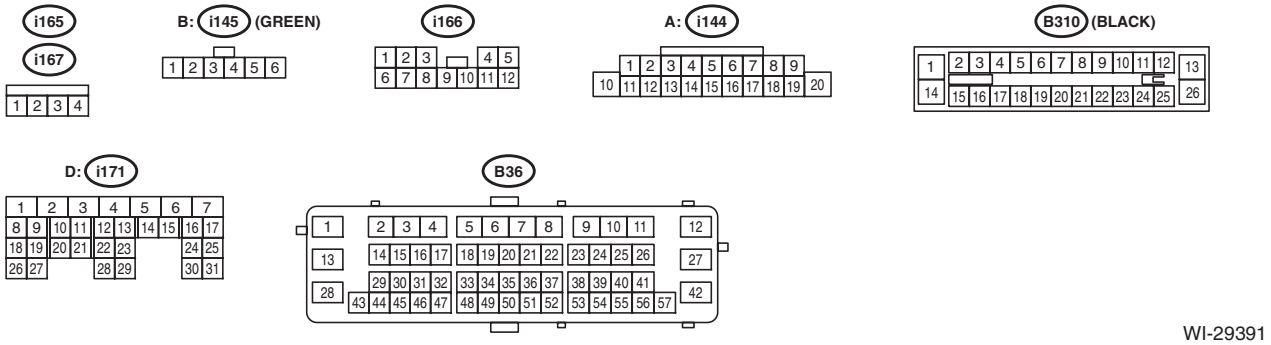
28.Navigation System

A: WIRING DIAGRAM





WI-29391

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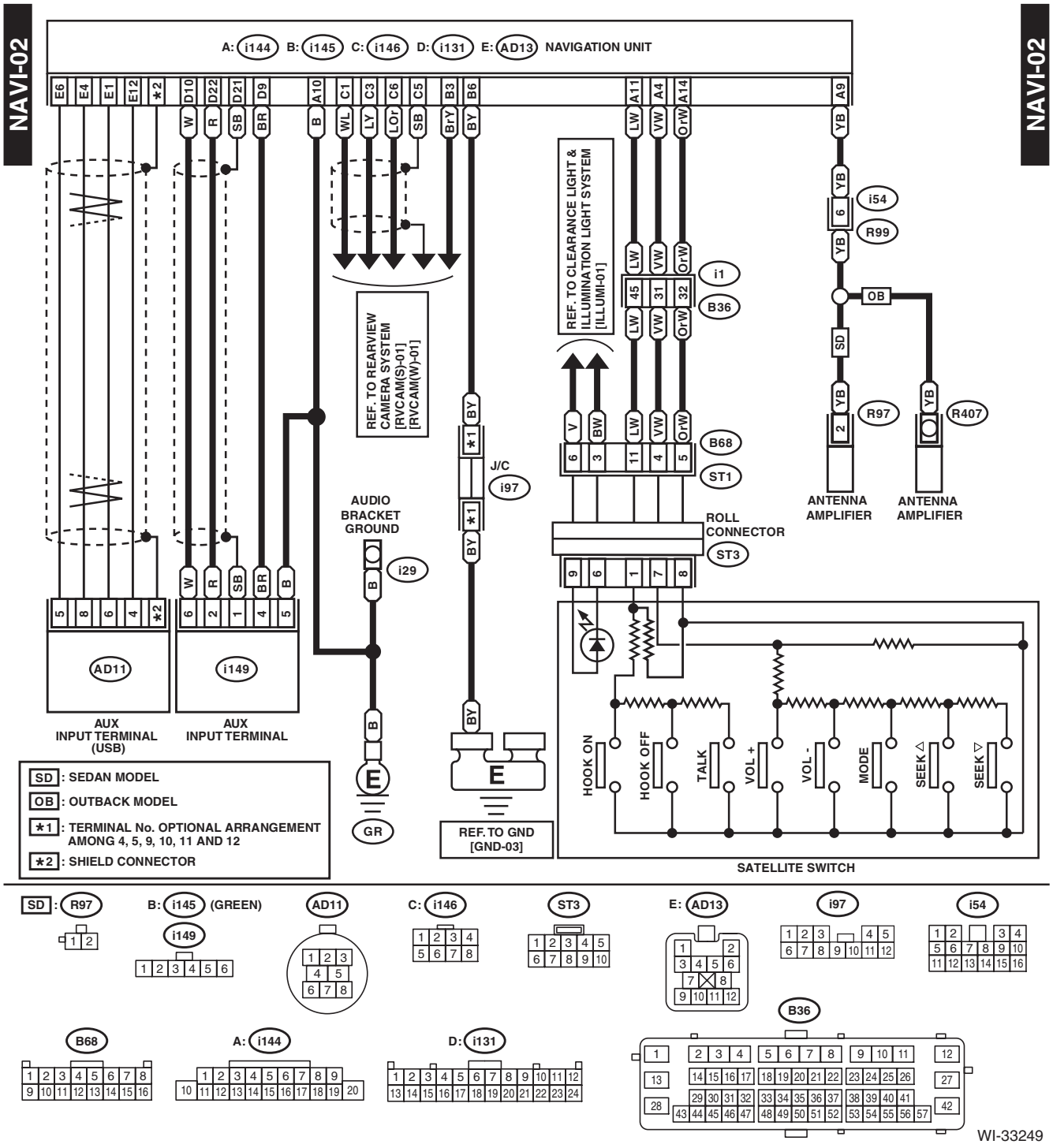

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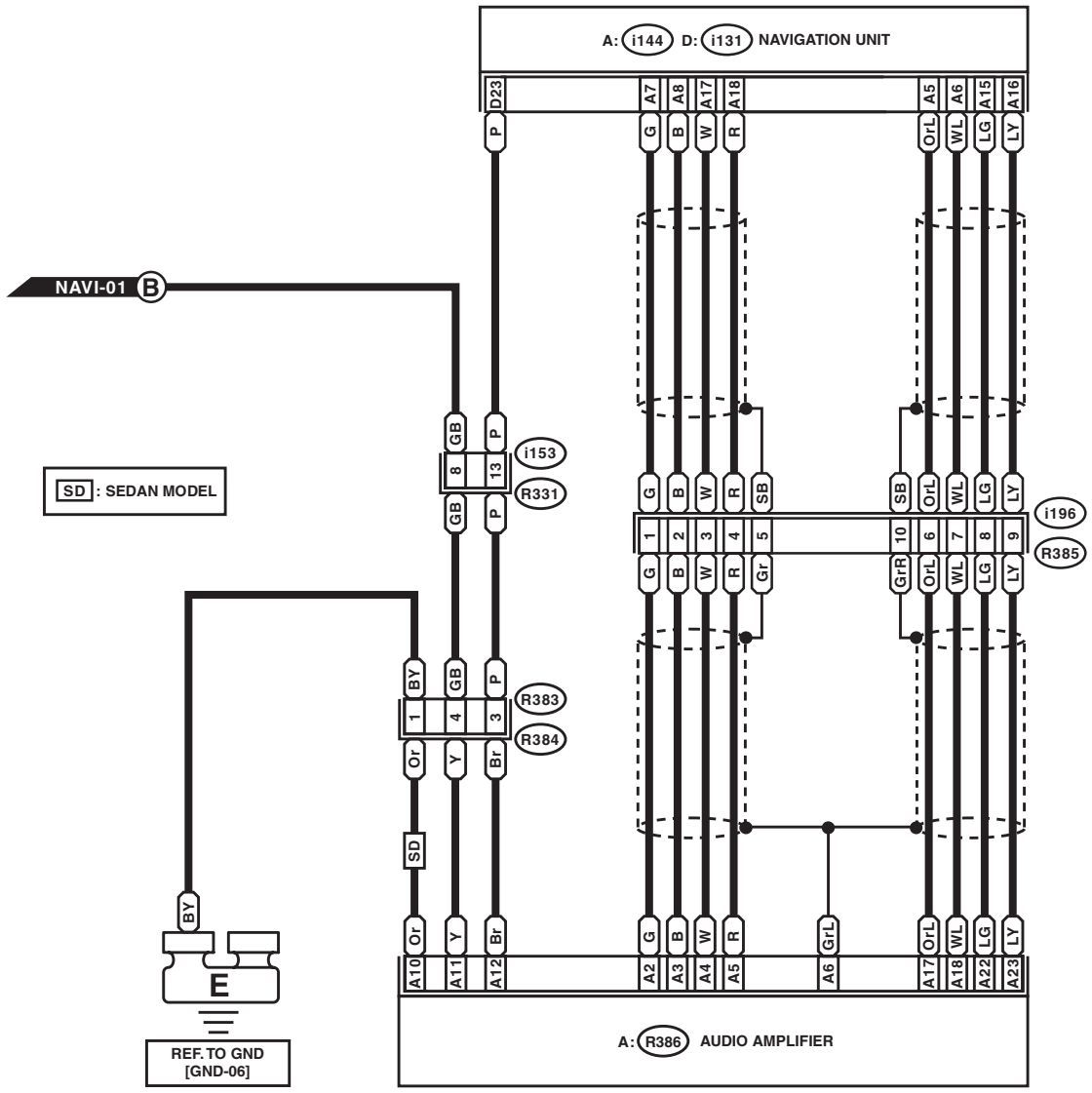
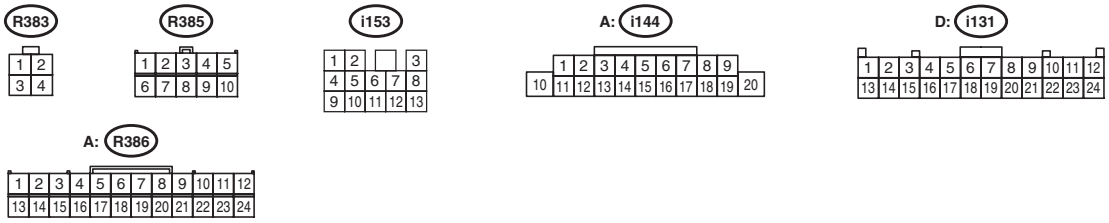
NAVI-03





WI-33250

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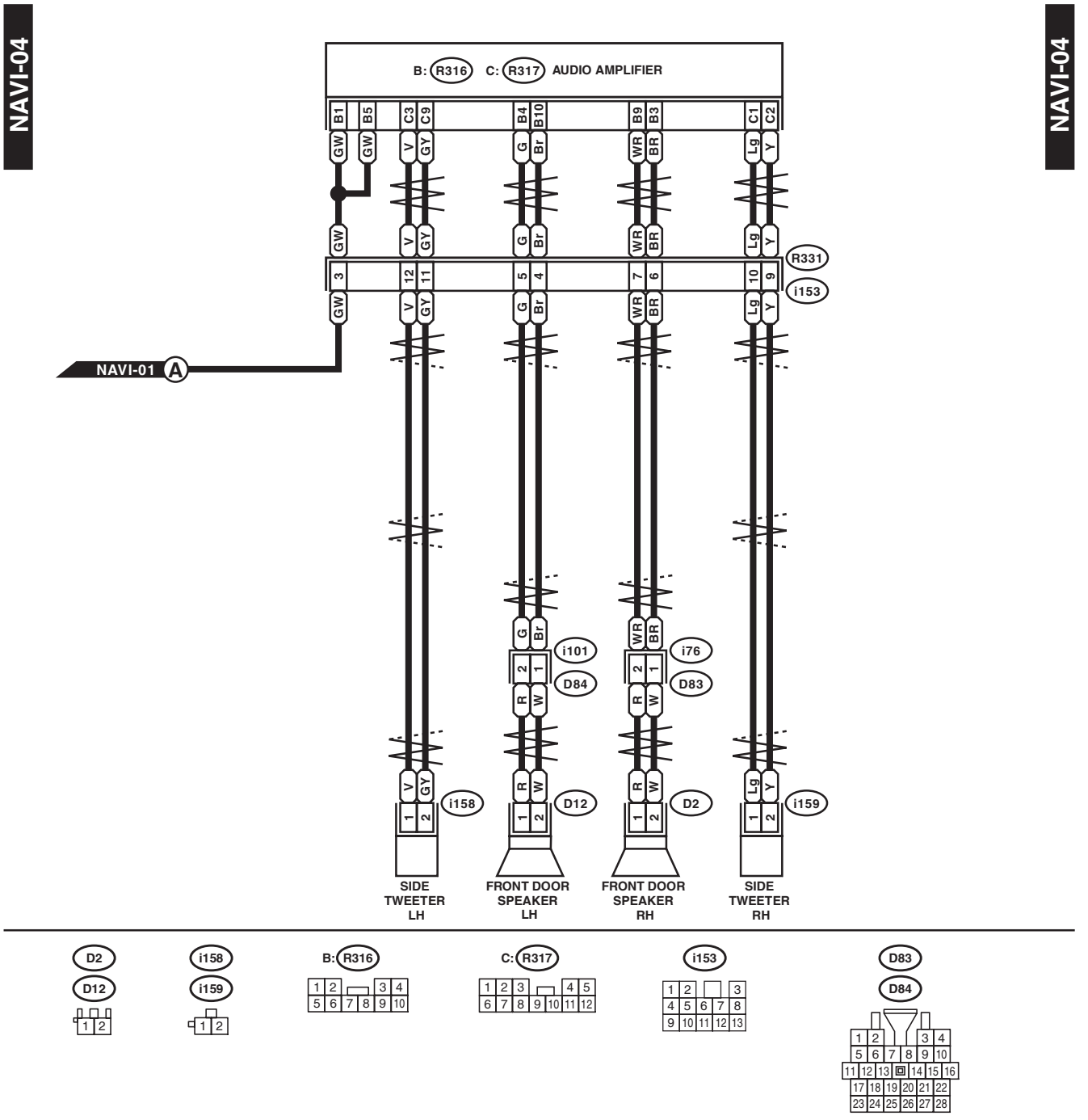

WI-33251

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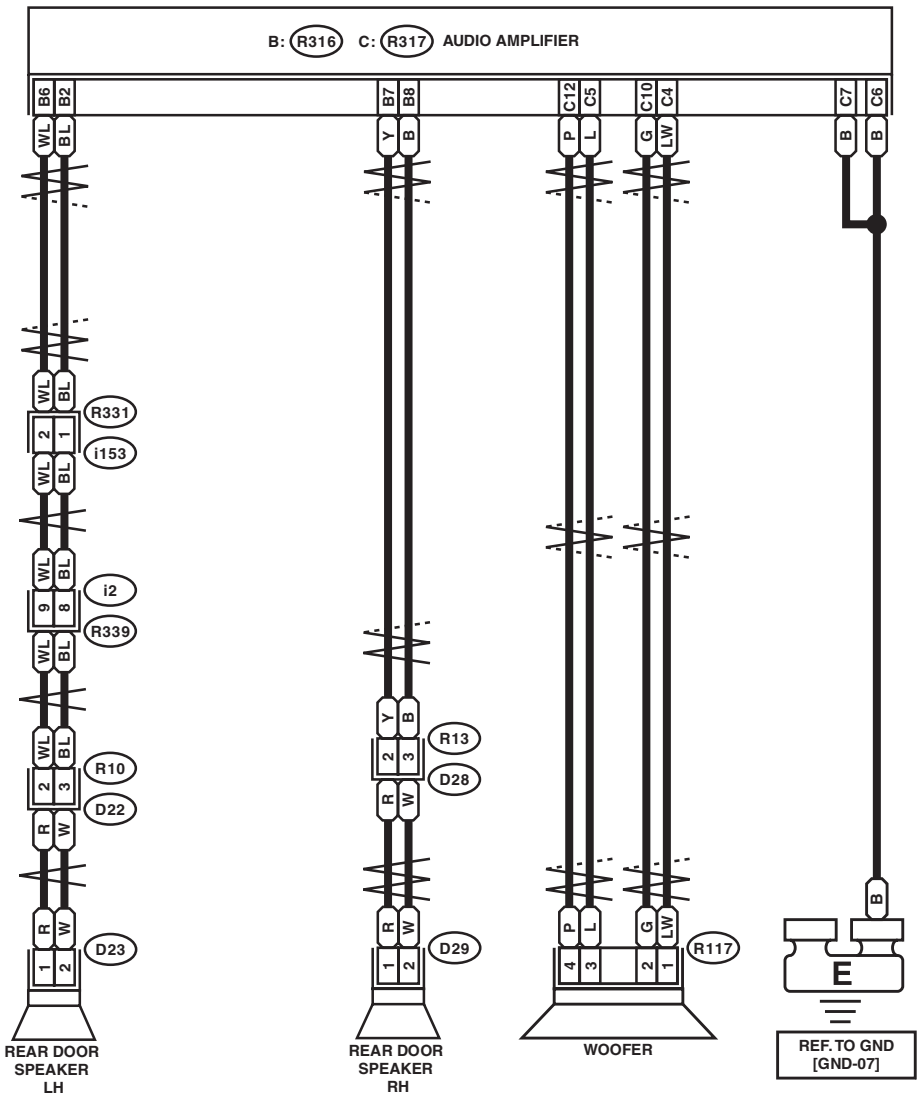
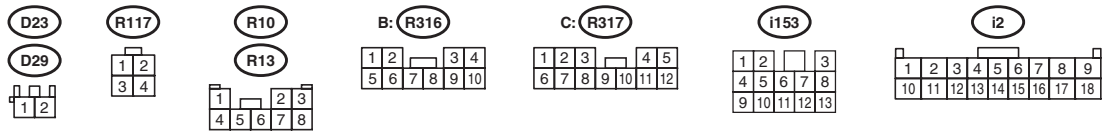
NAVI-05

NAVI-05





WI-33252

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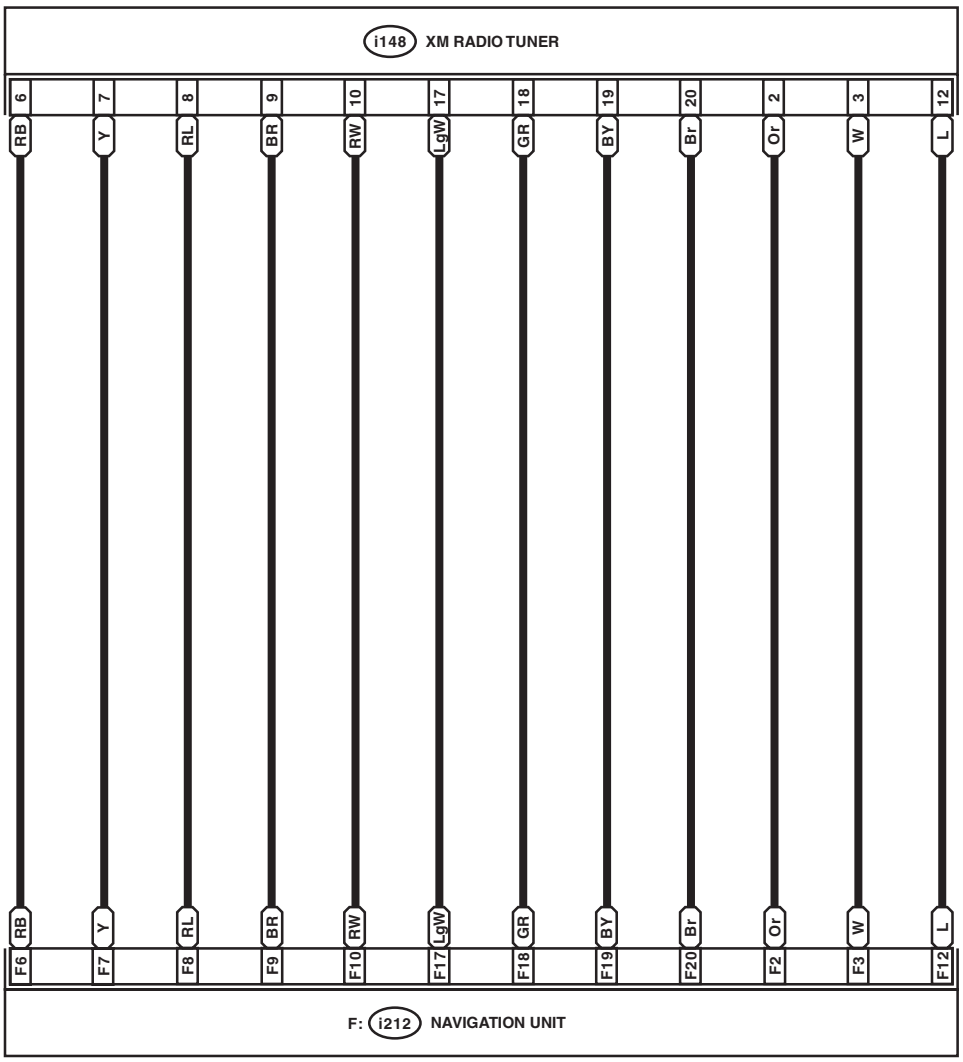
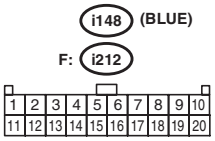
- **With XM radio tuner**

NAVI-06



NAVI-06



WI-29394

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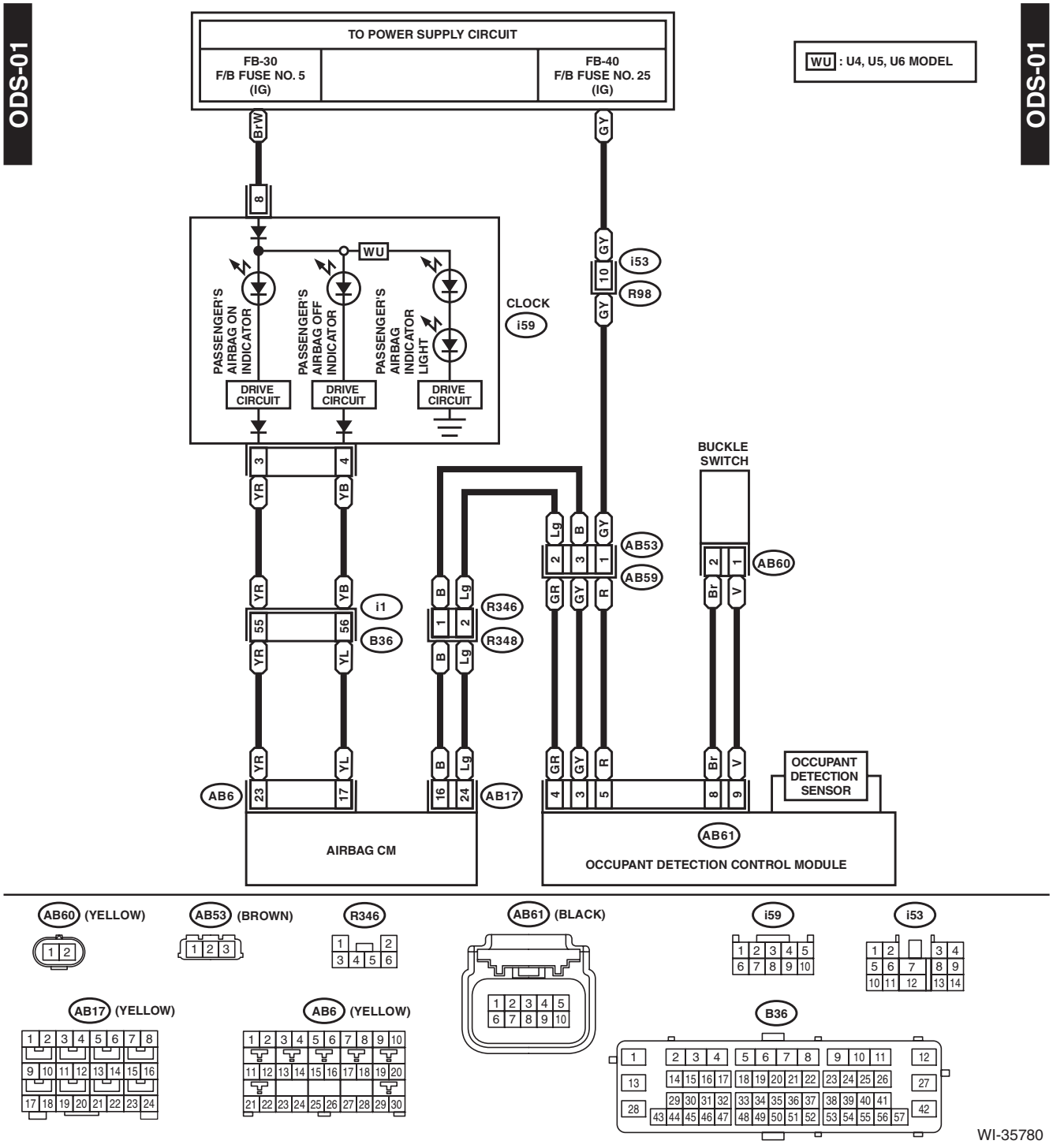
29.Occupant Detection System

A: WIRING DIAGRAM

1. VEHICLE IDENTIFICATION NUMBER: SEDAN MODEL 002017 OR LATER OUTBACK MODEL 200013 OR LATER



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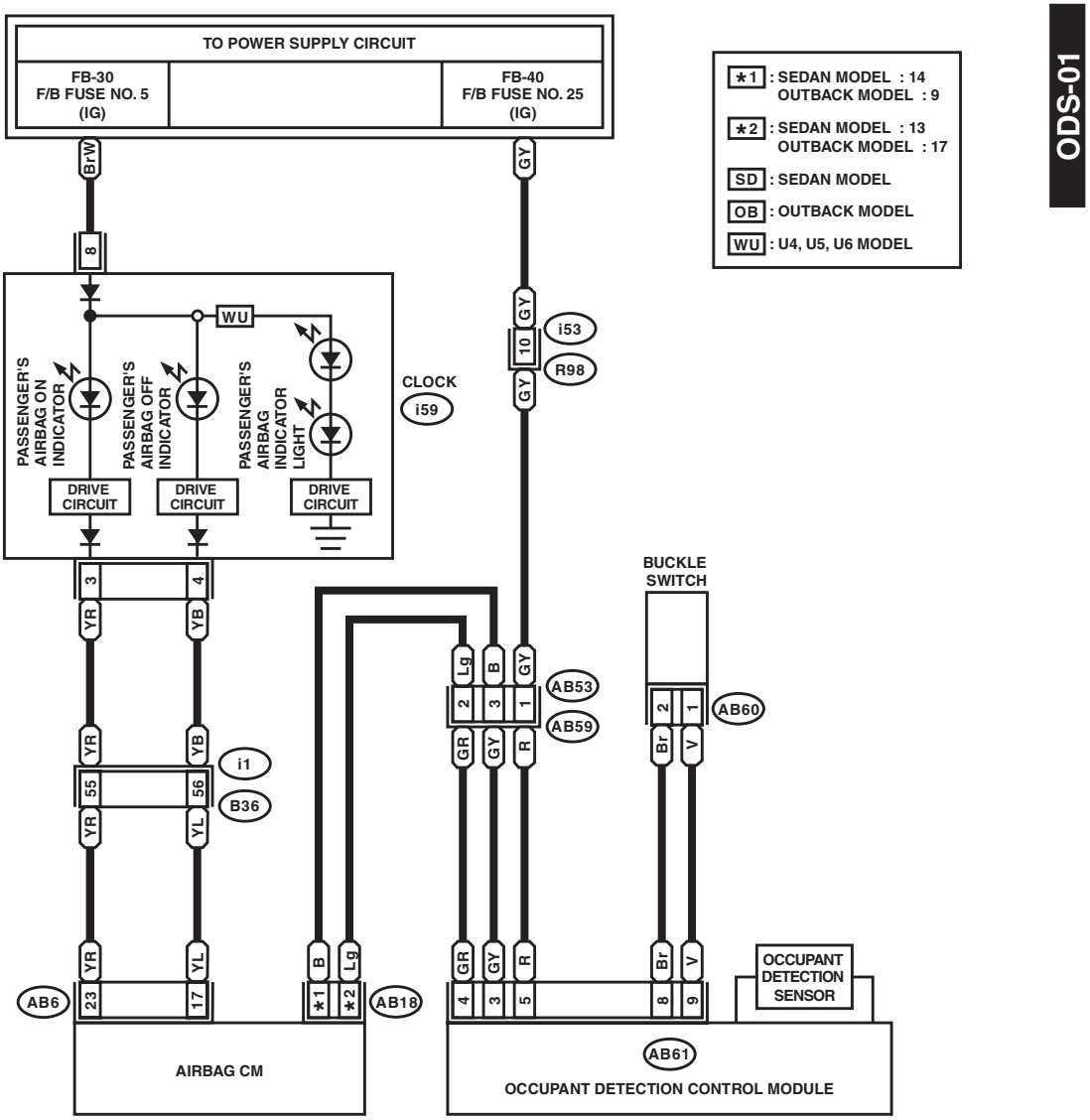
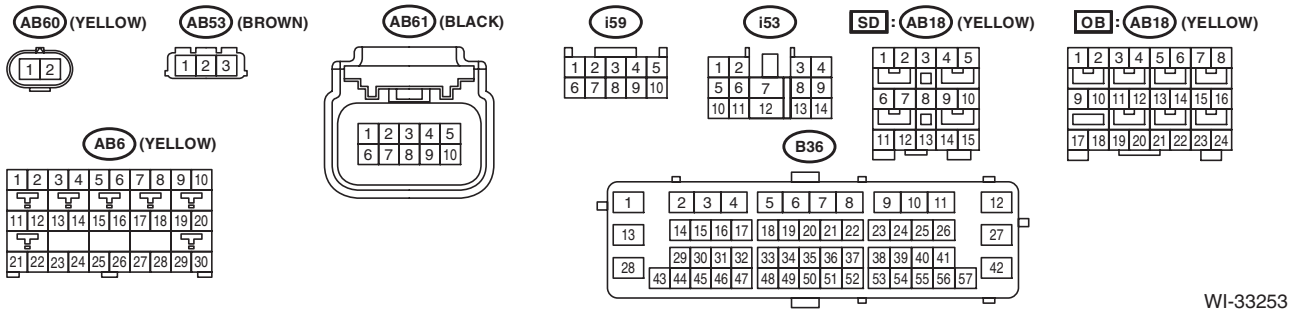
2. VEHICLE IDENTIFICATION NUMBER: SEDAN MODEL 002016 OR OLDER OUTBACK MODEL 200012 OR OLDER

ODS-01





WI-33253

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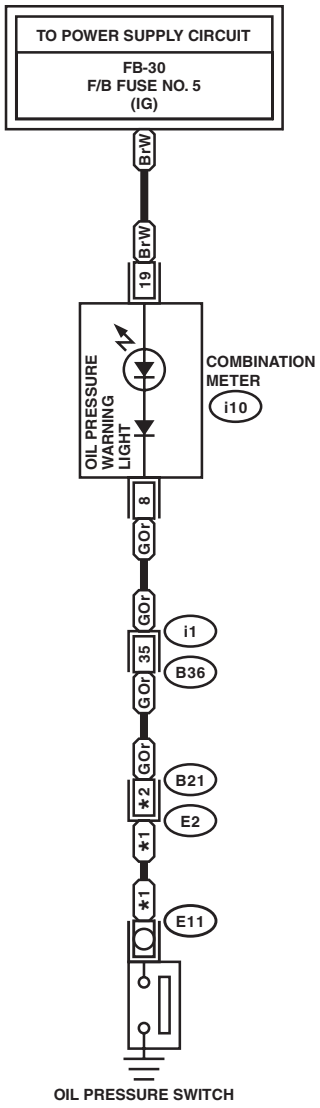
30.Oil Pressure Warning Light System

A: WIRING DIAGRAM

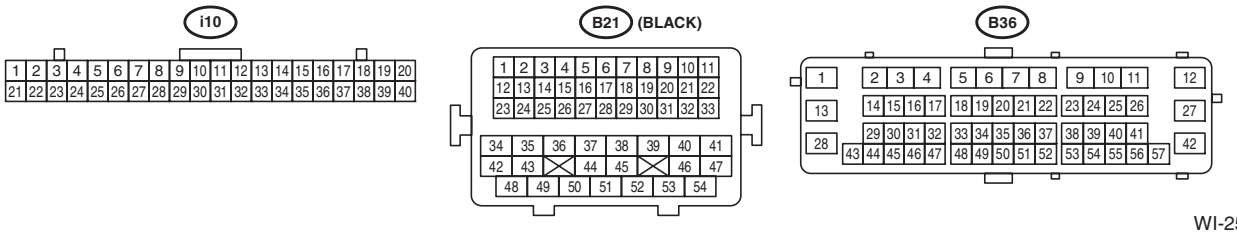
OIL/P-01



OIL/P-01

*1 : 2.5 L NON-TURBO MODEL : Br
TURBO MODEL : G
3.6 L MODEL : GOr

*2 : 2.5 L NON-TURBO MODEL : 31
TURBO MODEL : 45
3.6 L MODEL : 45



WI-25551

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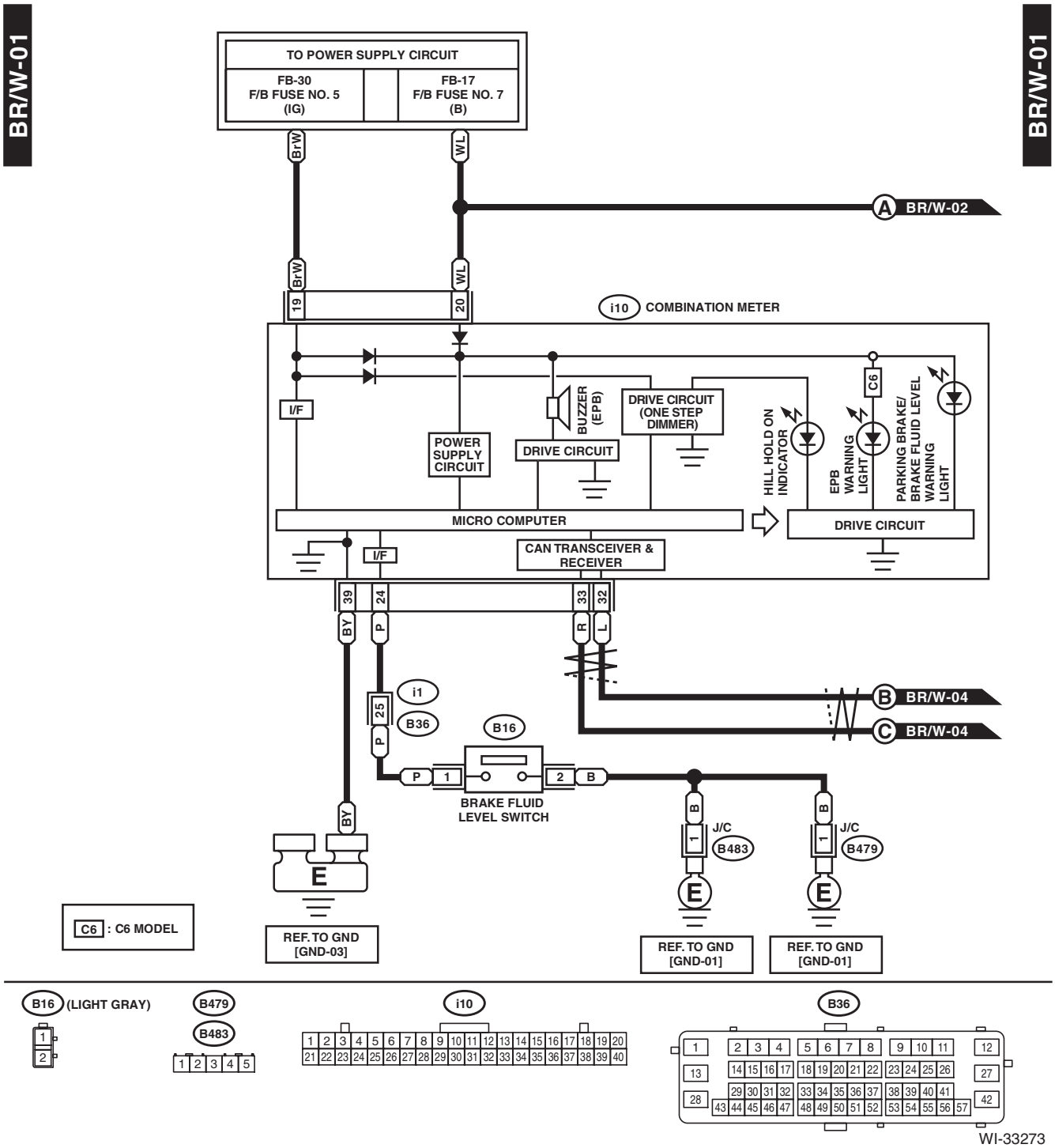
31.Parking Brake / Brake Fluid Level Warning Light System

A: WIRING DIAGRAM



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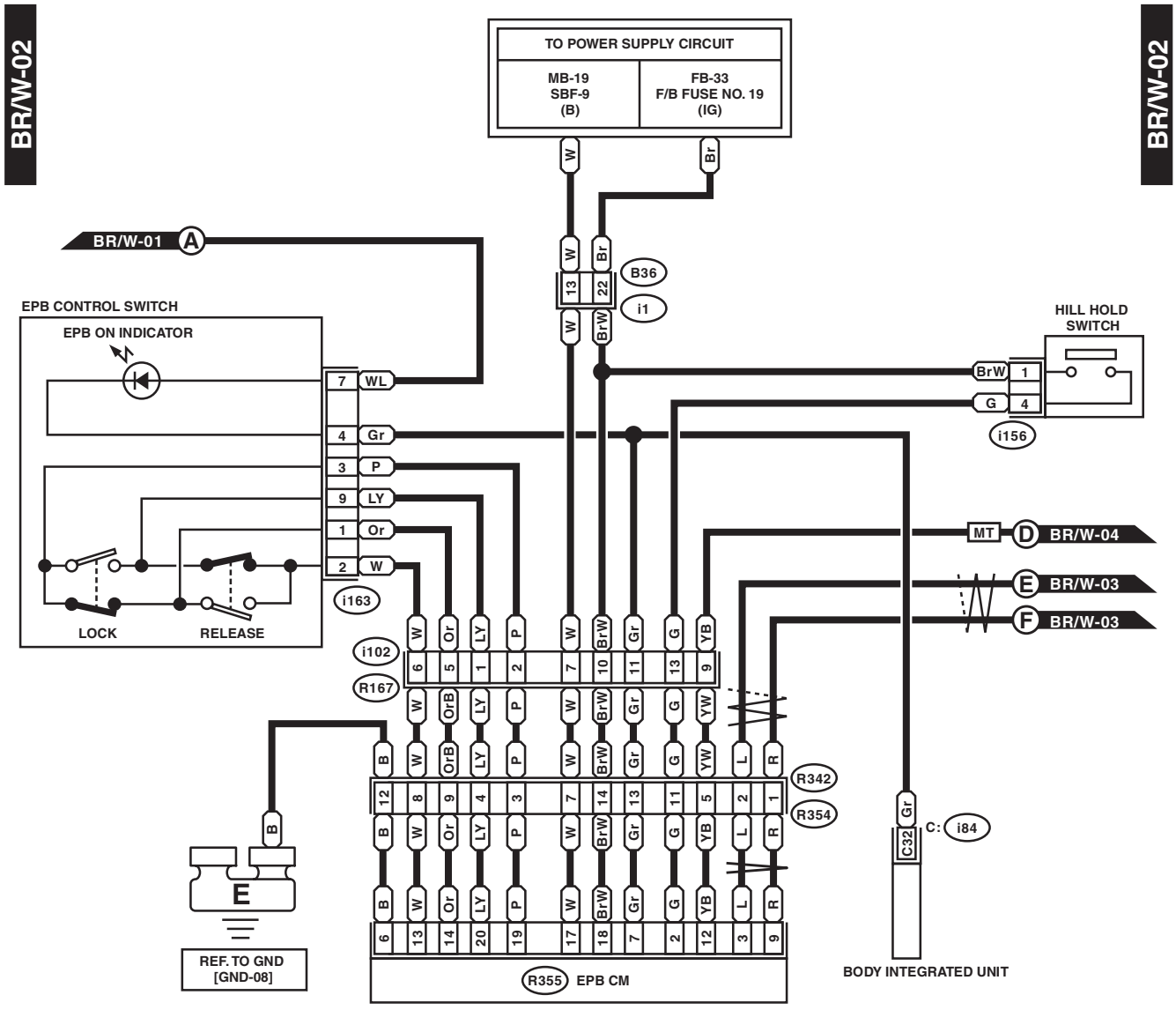
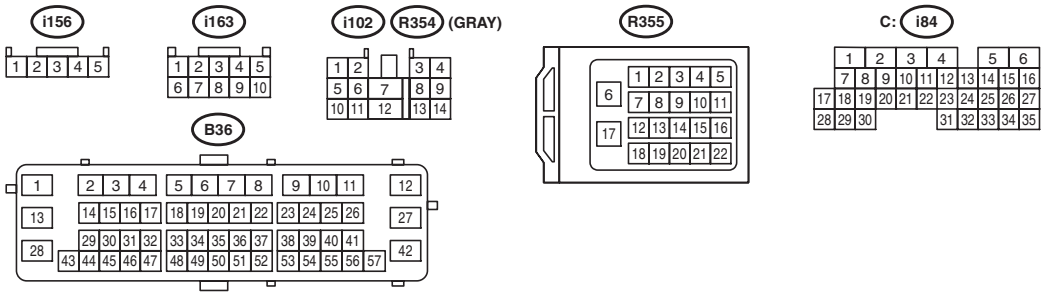


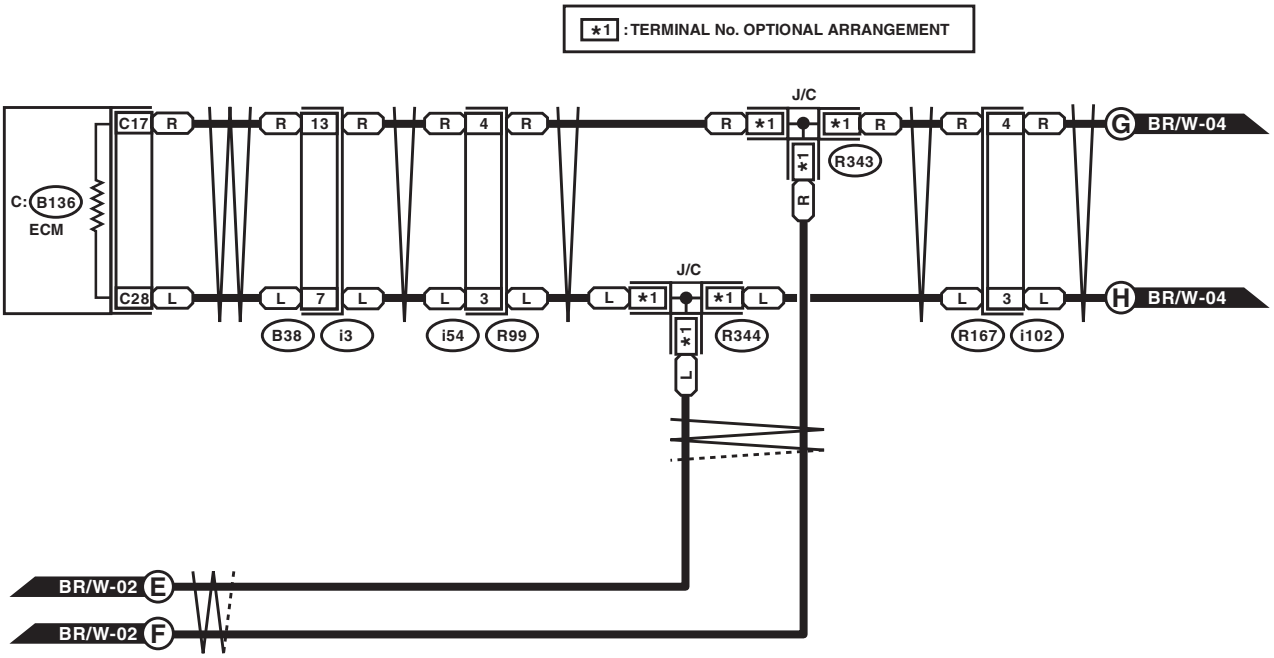


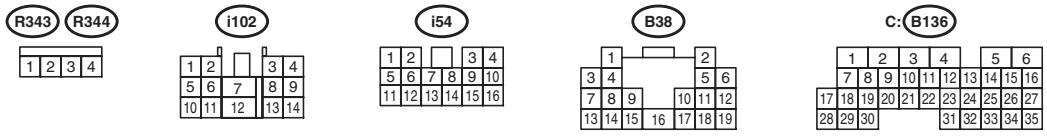
WI-25553

GETtheMANUALS.org

BR/W-03

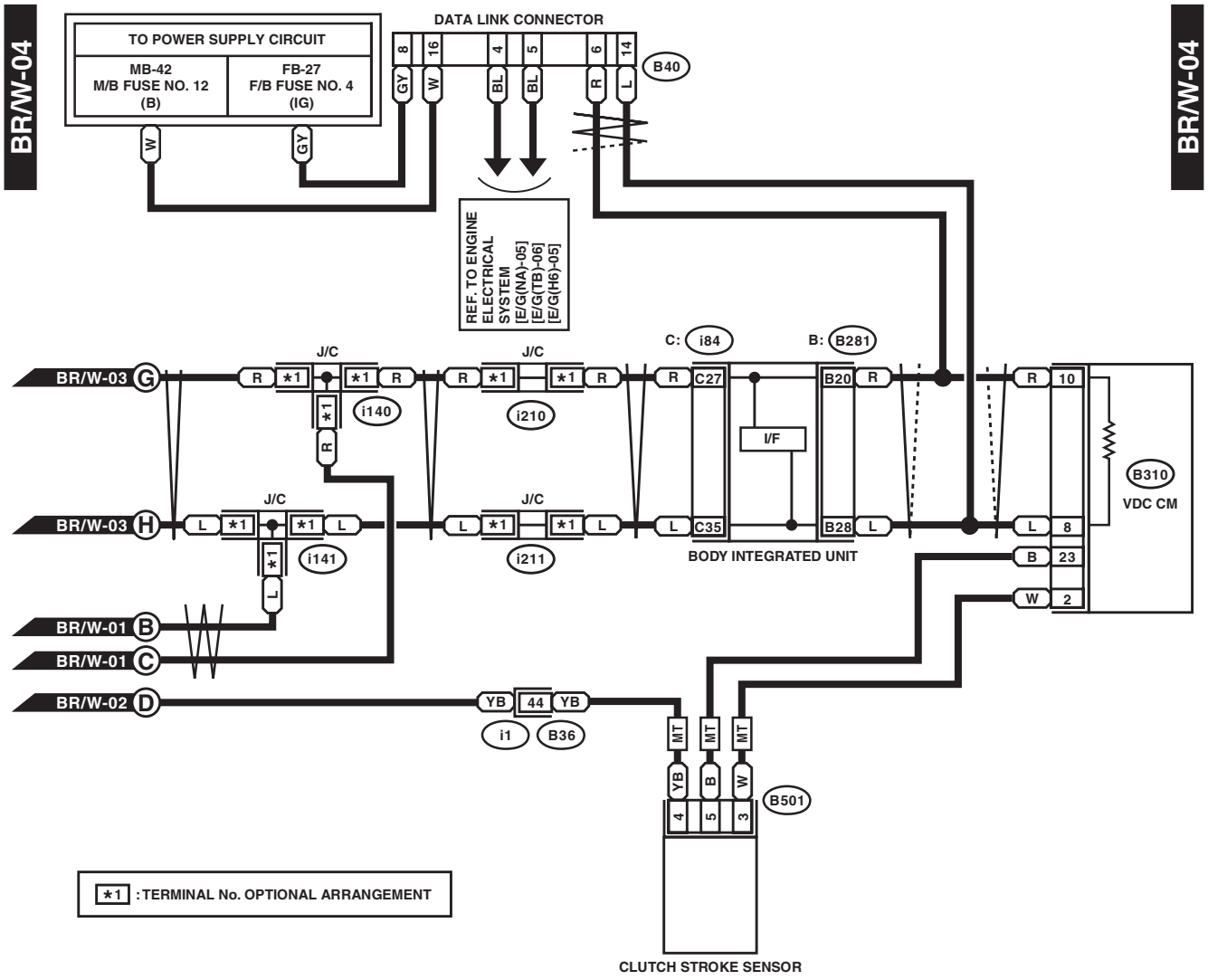
BR/W-03

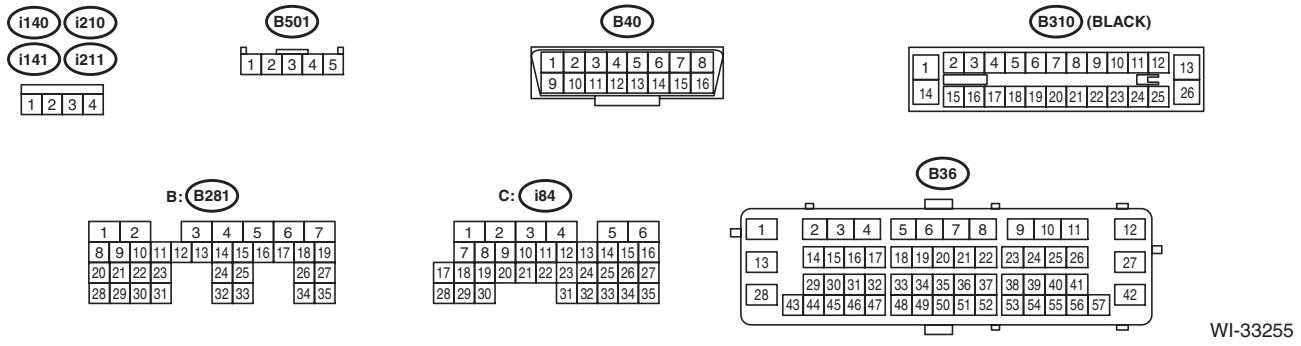




WI-29396

GETtheMANUALS.org



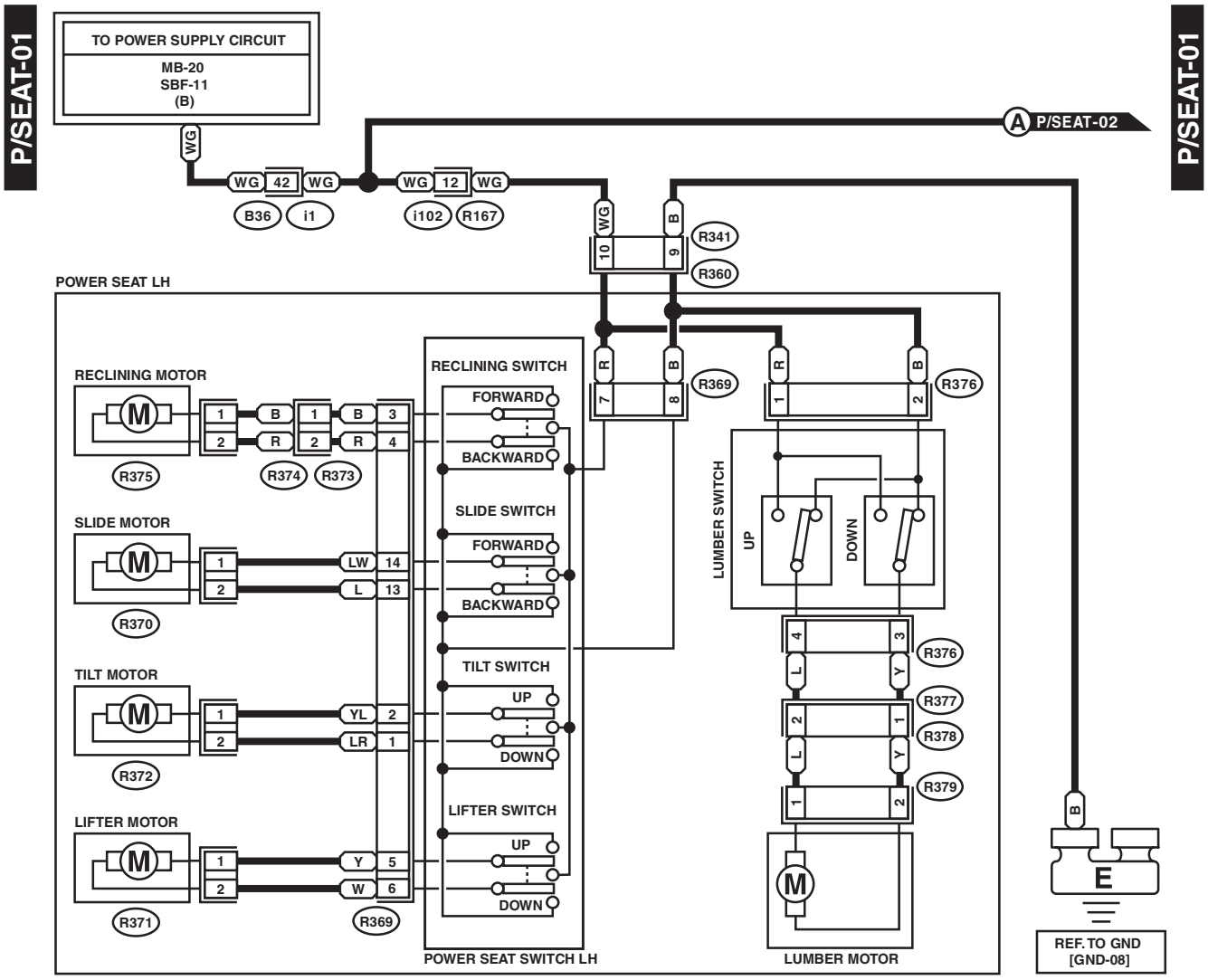


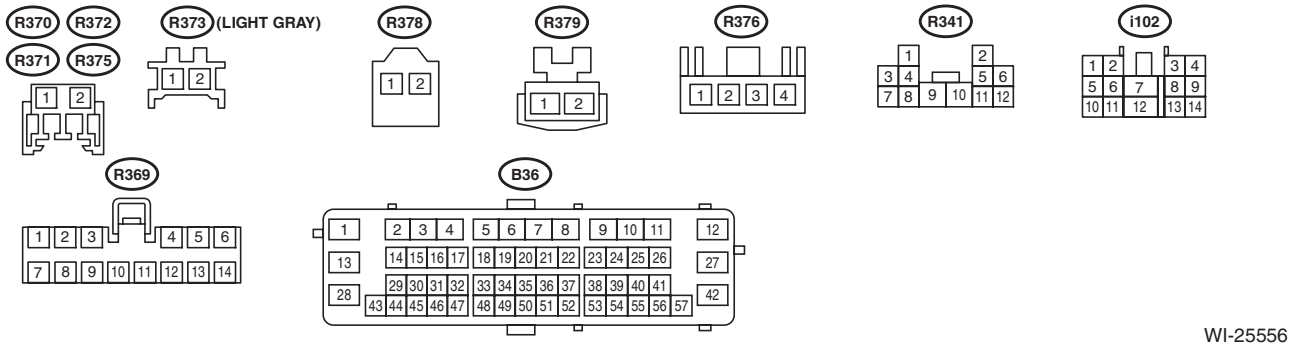
WI-33255

GETtheMANUALS.org

32. Power Seat System

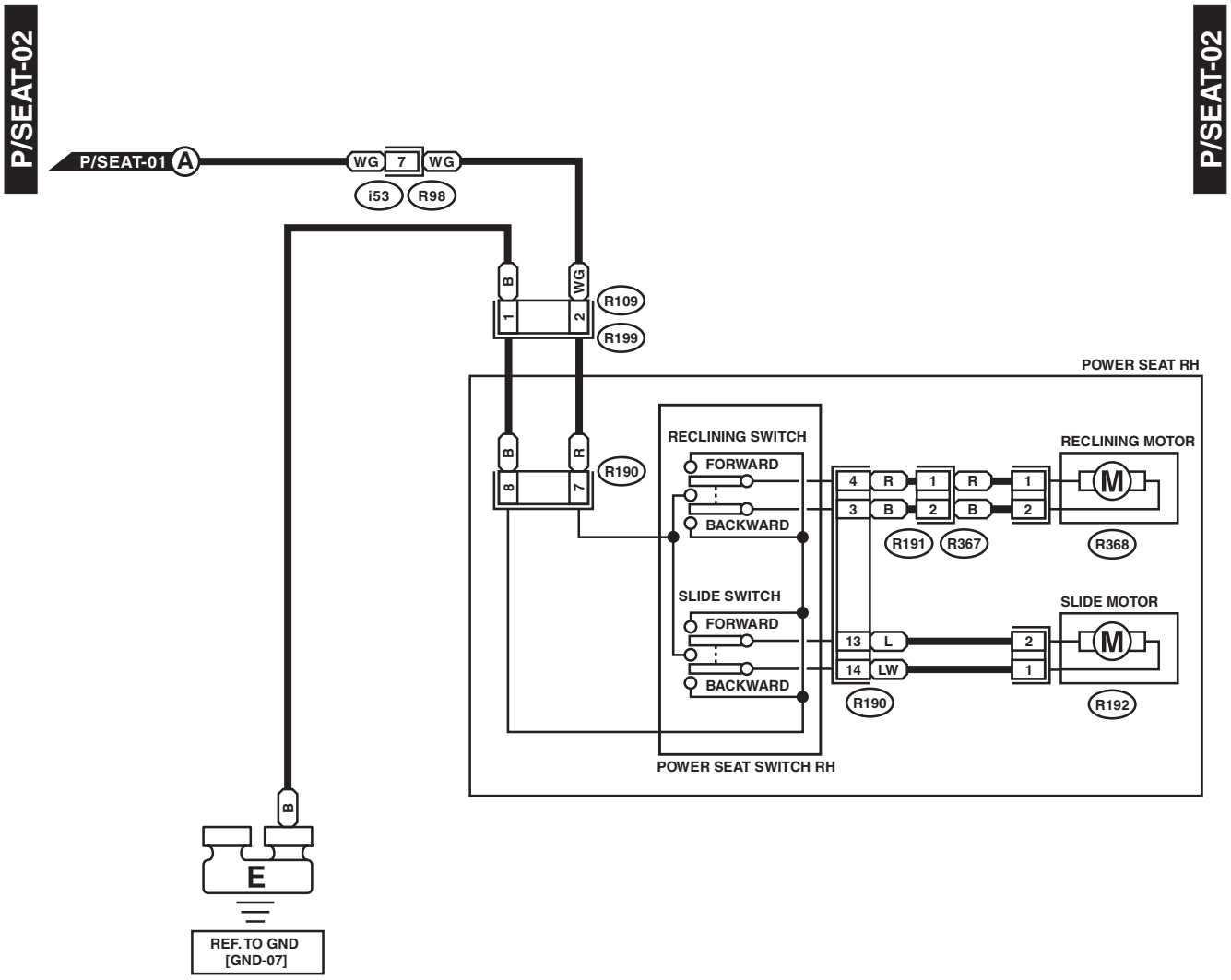
A: WIRING DIAGRAM

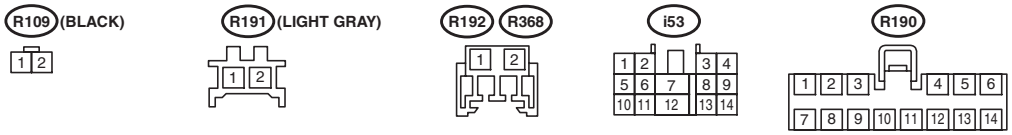




WI-25556

GETtheMANUALS.org





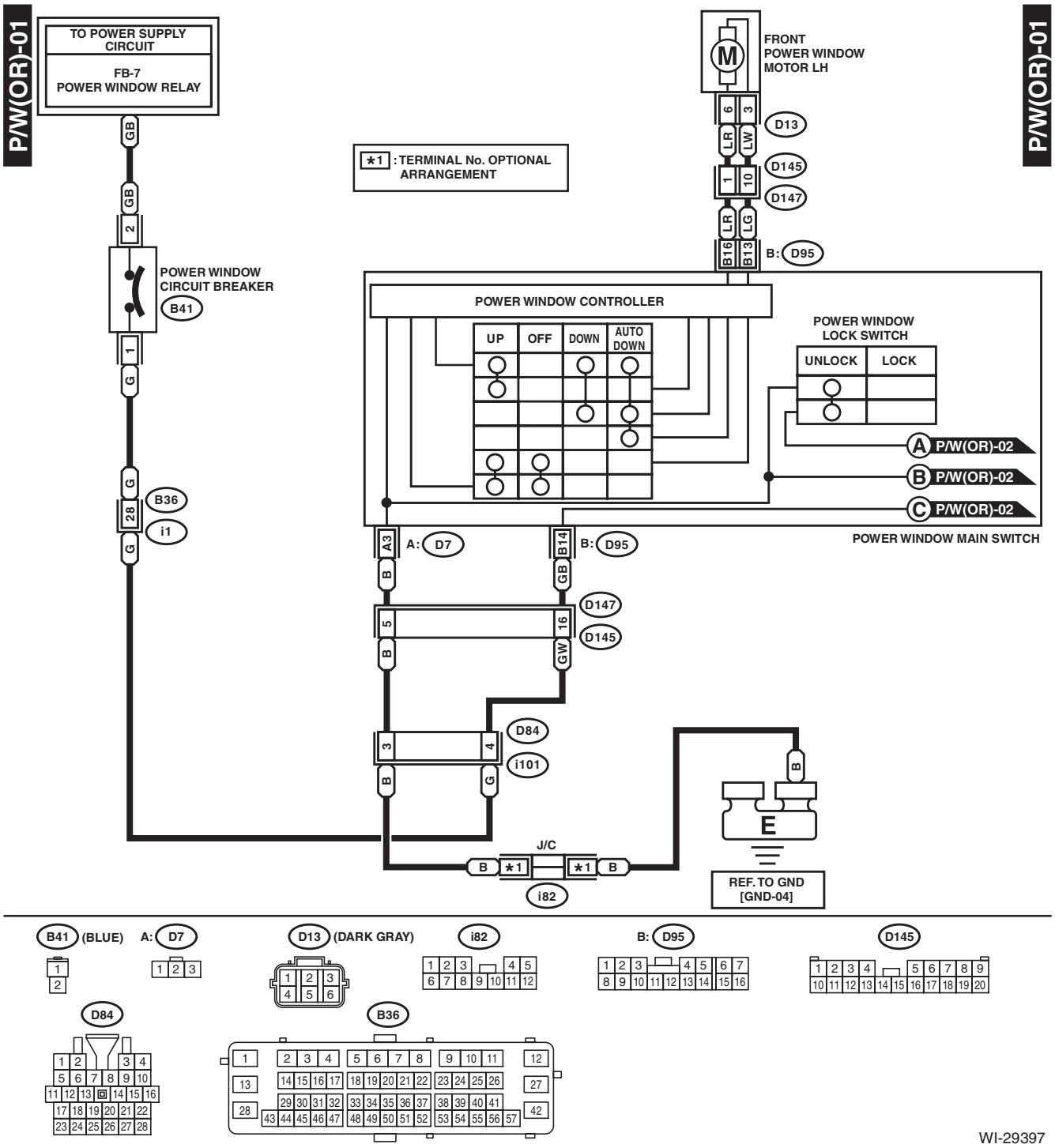
WI-25557

GETtheMANUALS.org

33.Power Window System

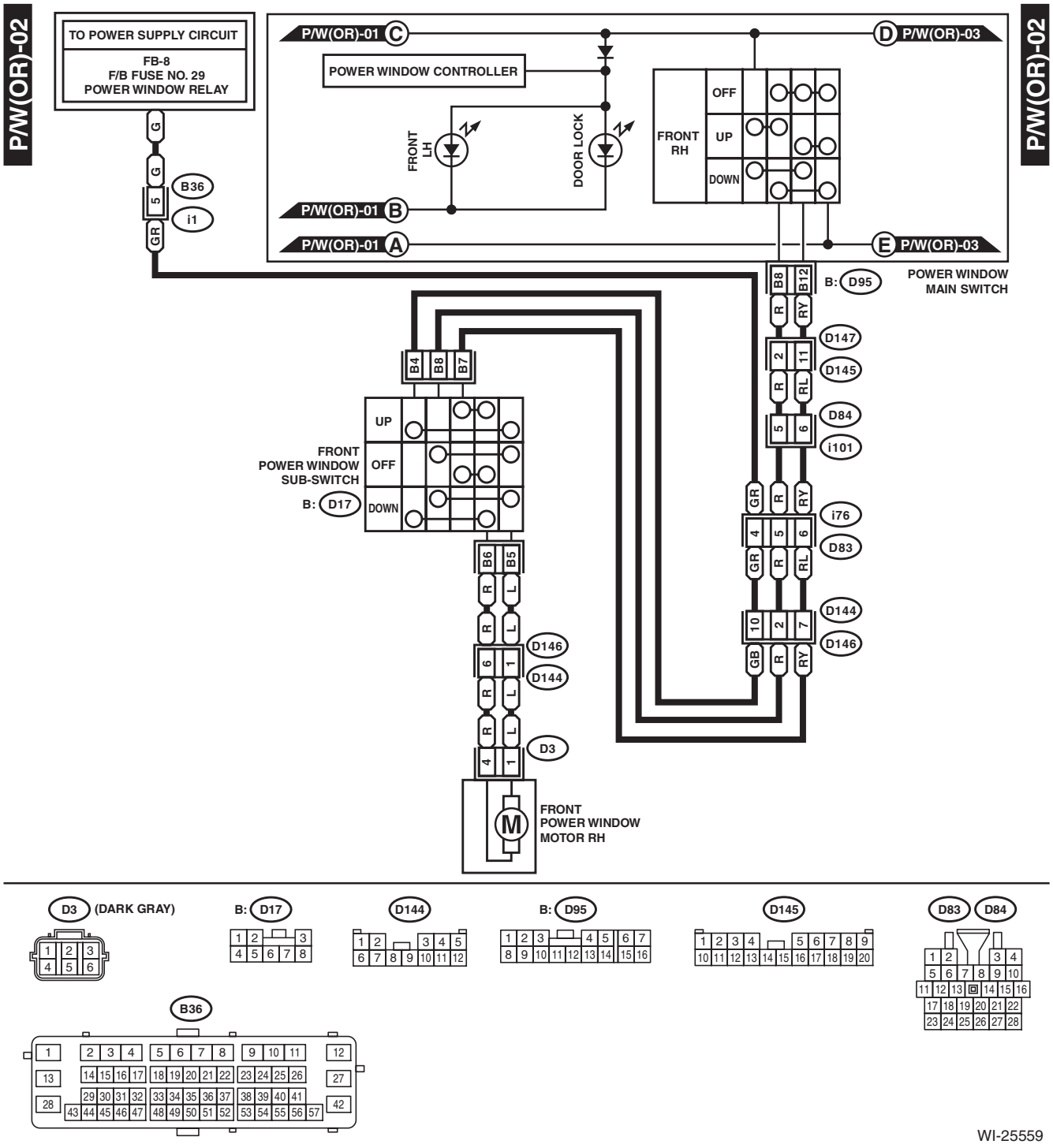
A: WIRING DIAGRAM

1. WITHOUT DRIVER'S SEAT AUTO UP FUNCTION



WI-29397

GETtheMANUALS.org



WI-25559

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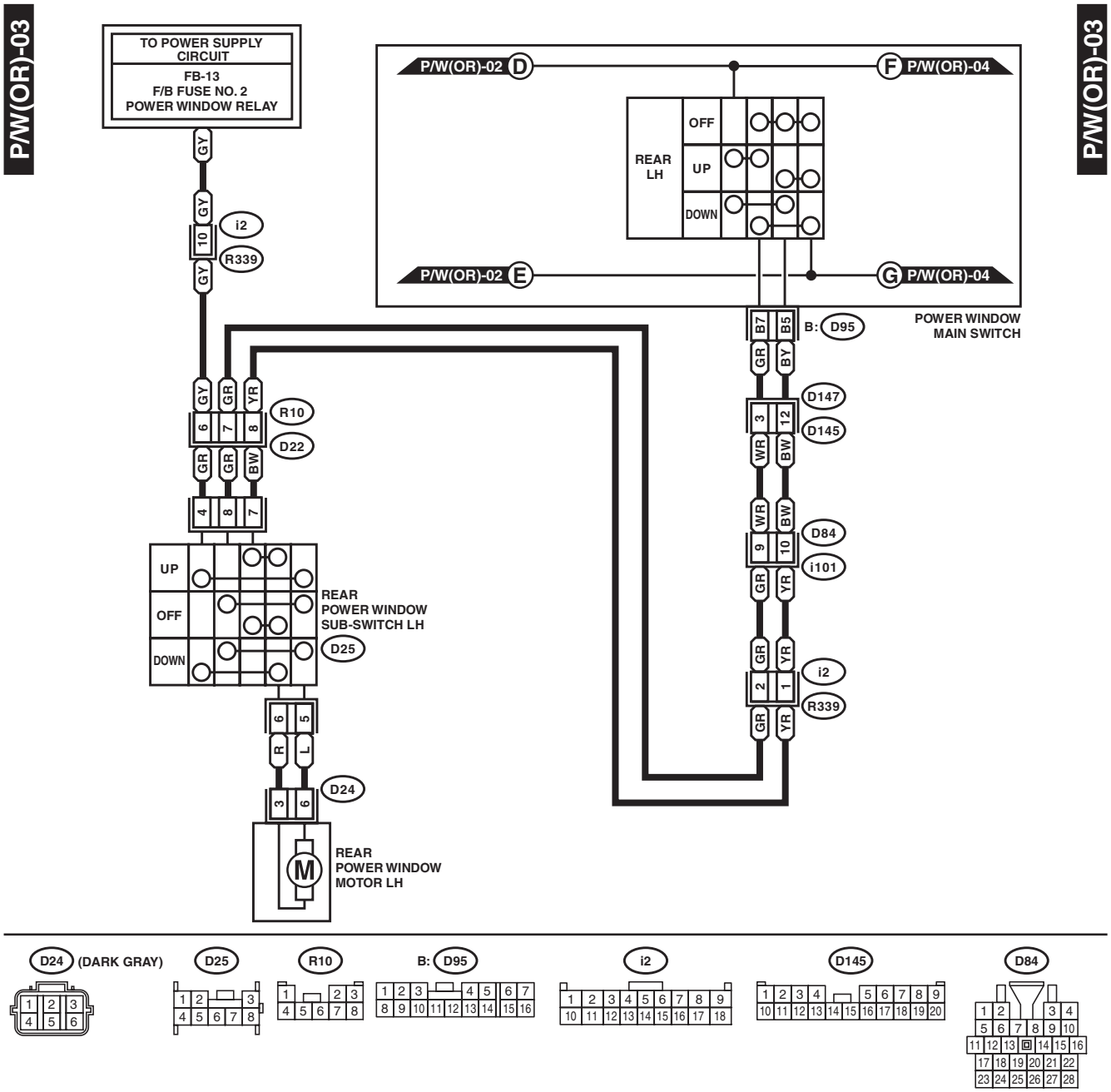
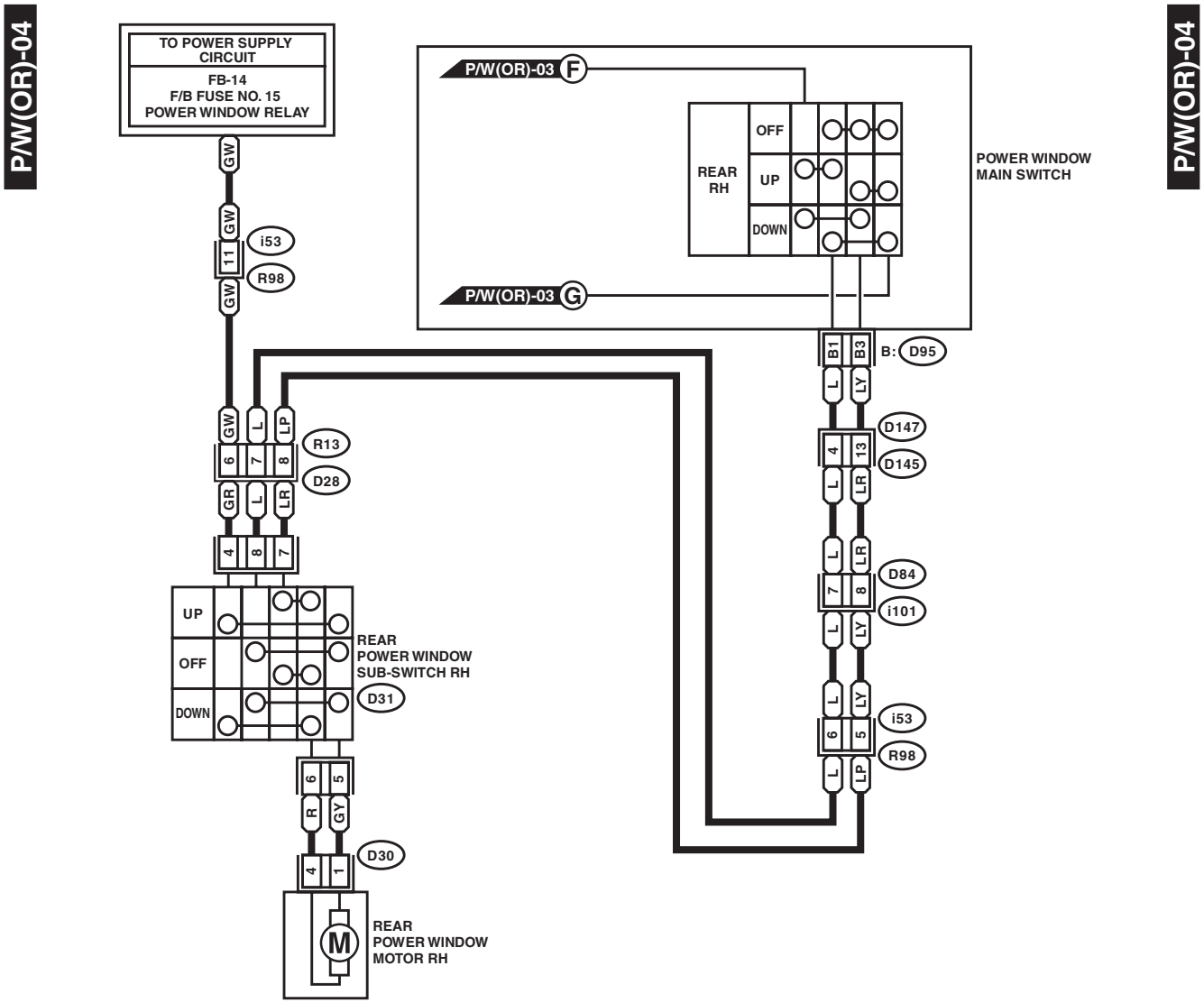
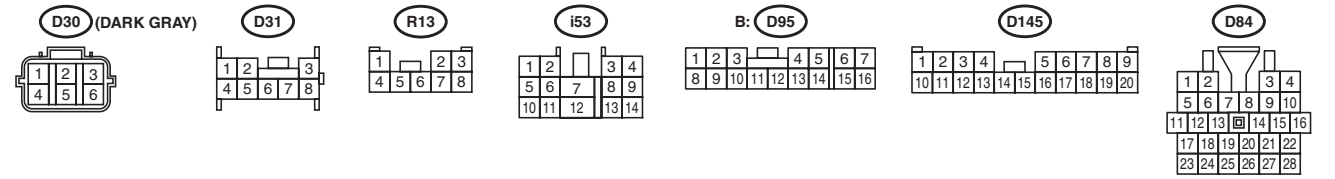
WIRING SYSTEM



WI-29398

GETtheMANUALS.org

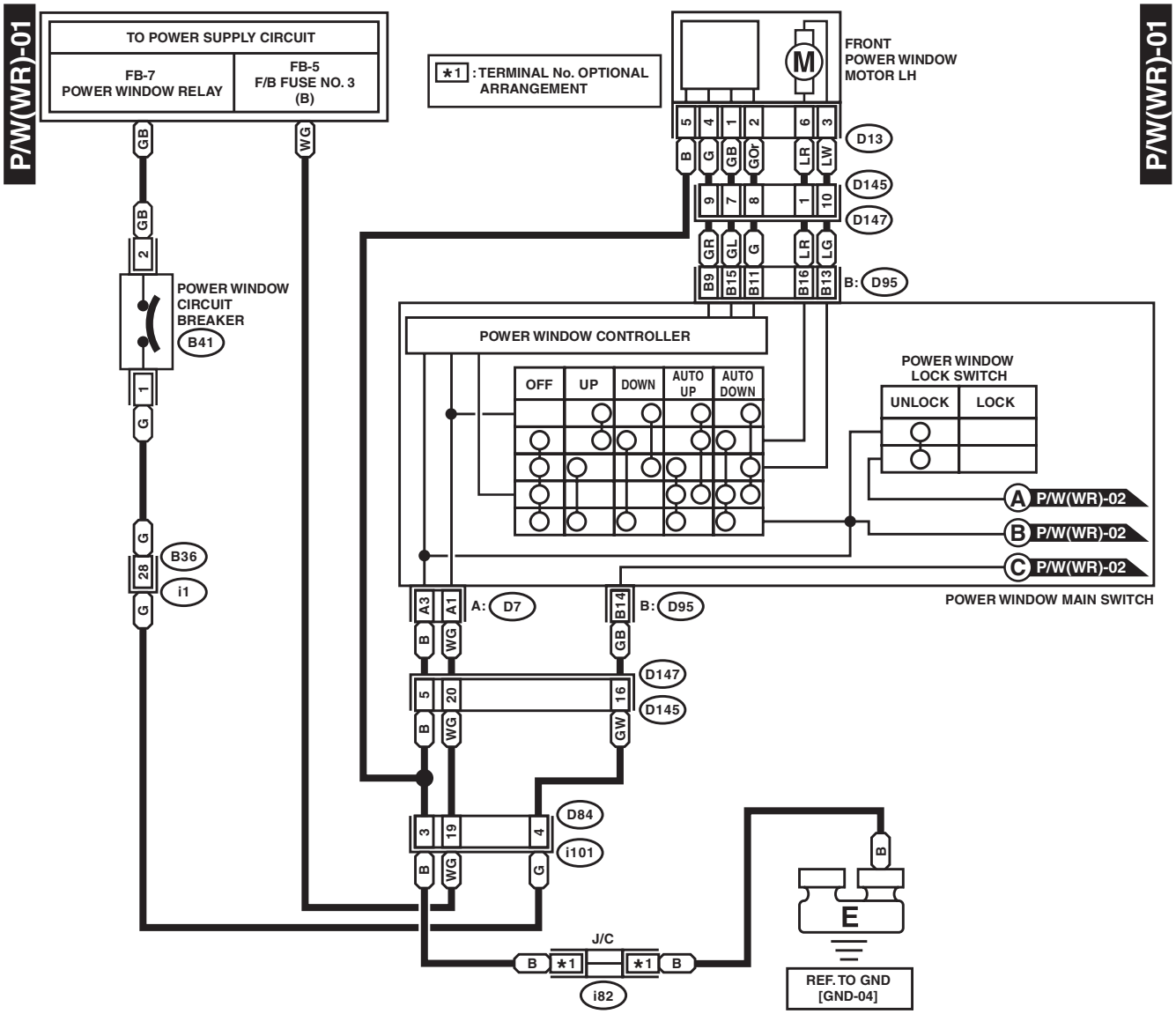


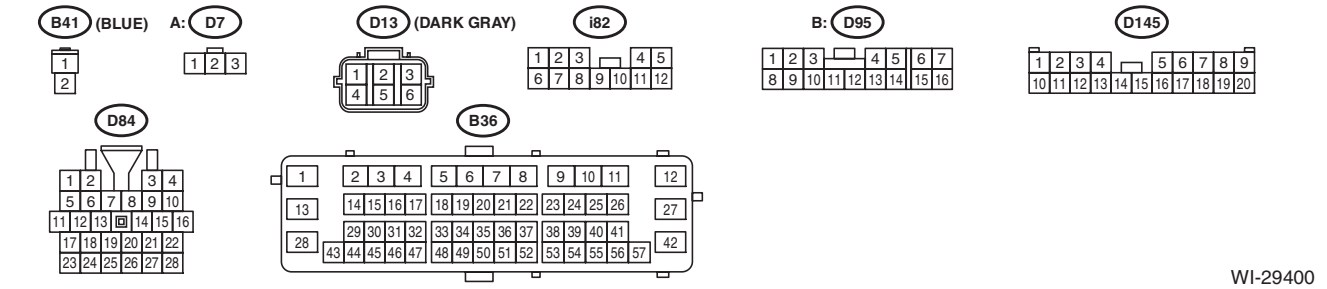


WI-29399

GETtheMANUALS.org

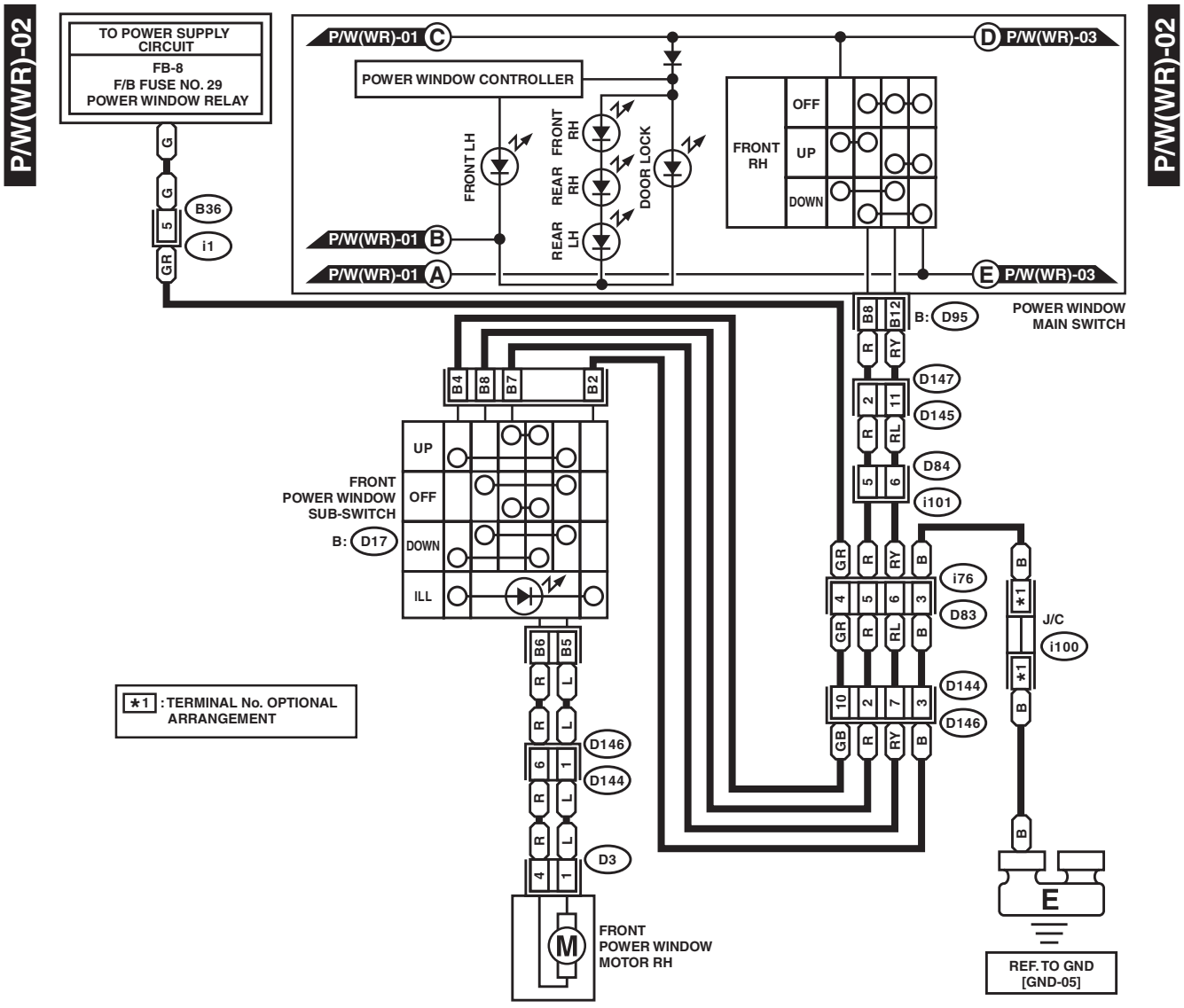
2. WITH DRIVER'S SEAT AUTO UP FUNCTION

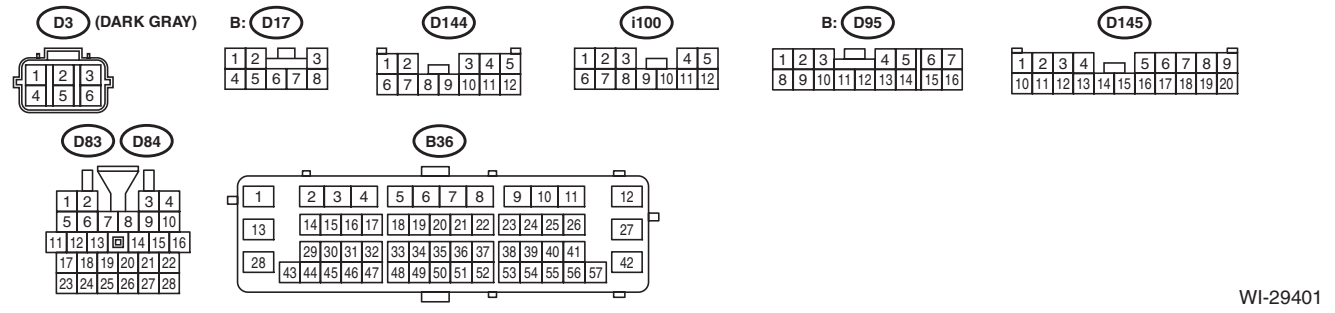




WI-29400

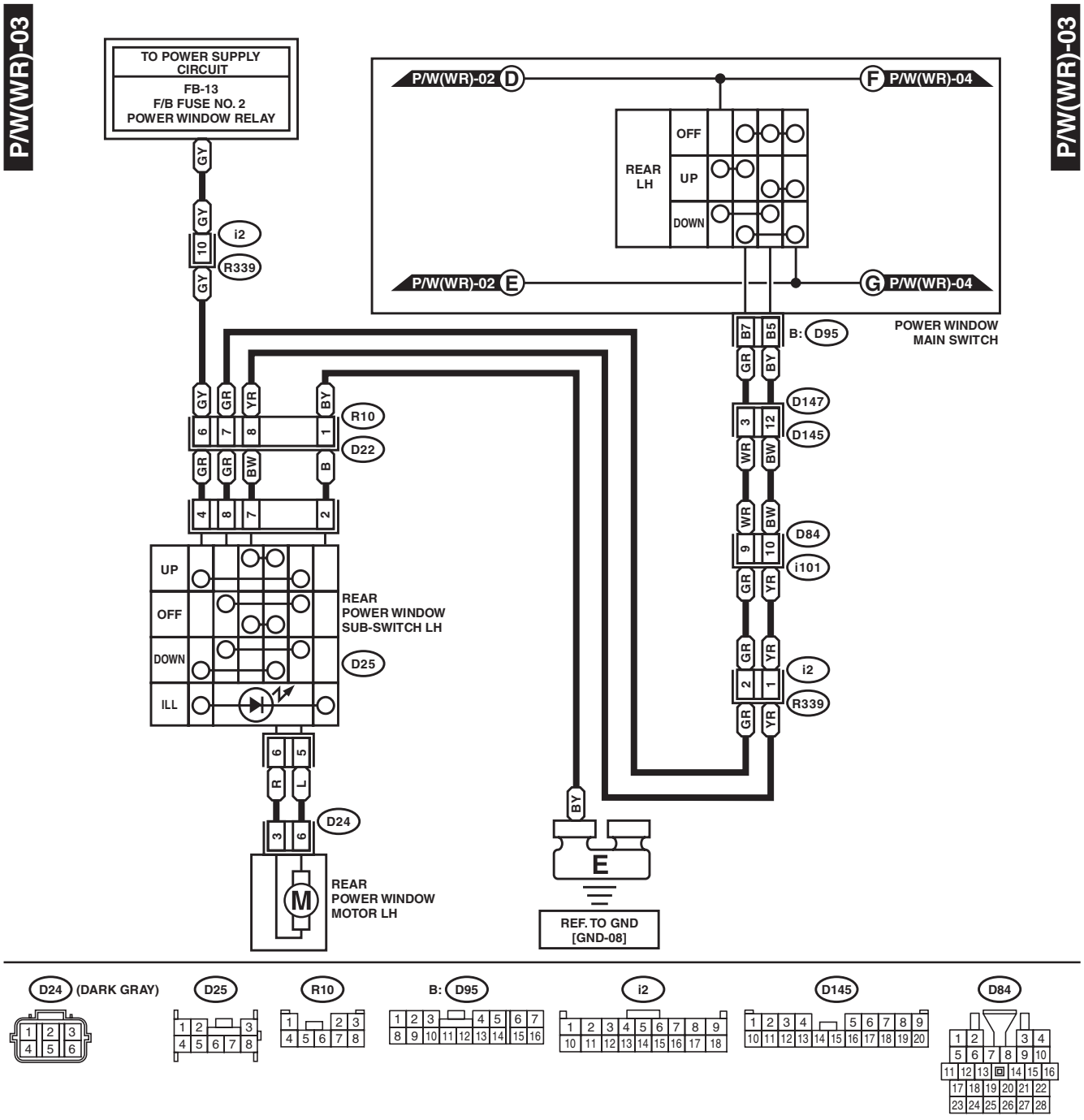
GETtheMANUALS.org





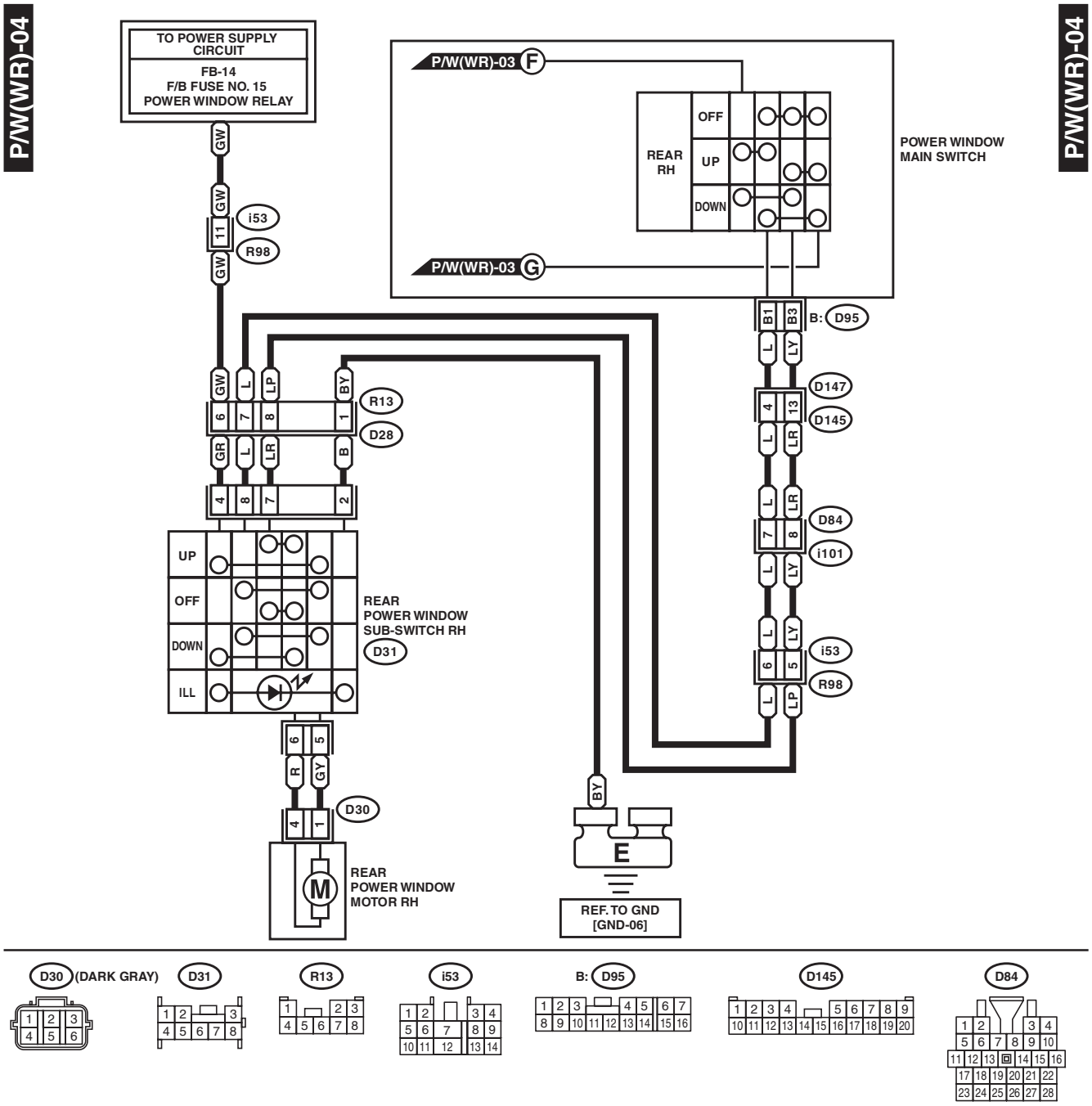
WI-29401

GETtheMANUALS.org



WI-29402

GETtheMANUALS.org



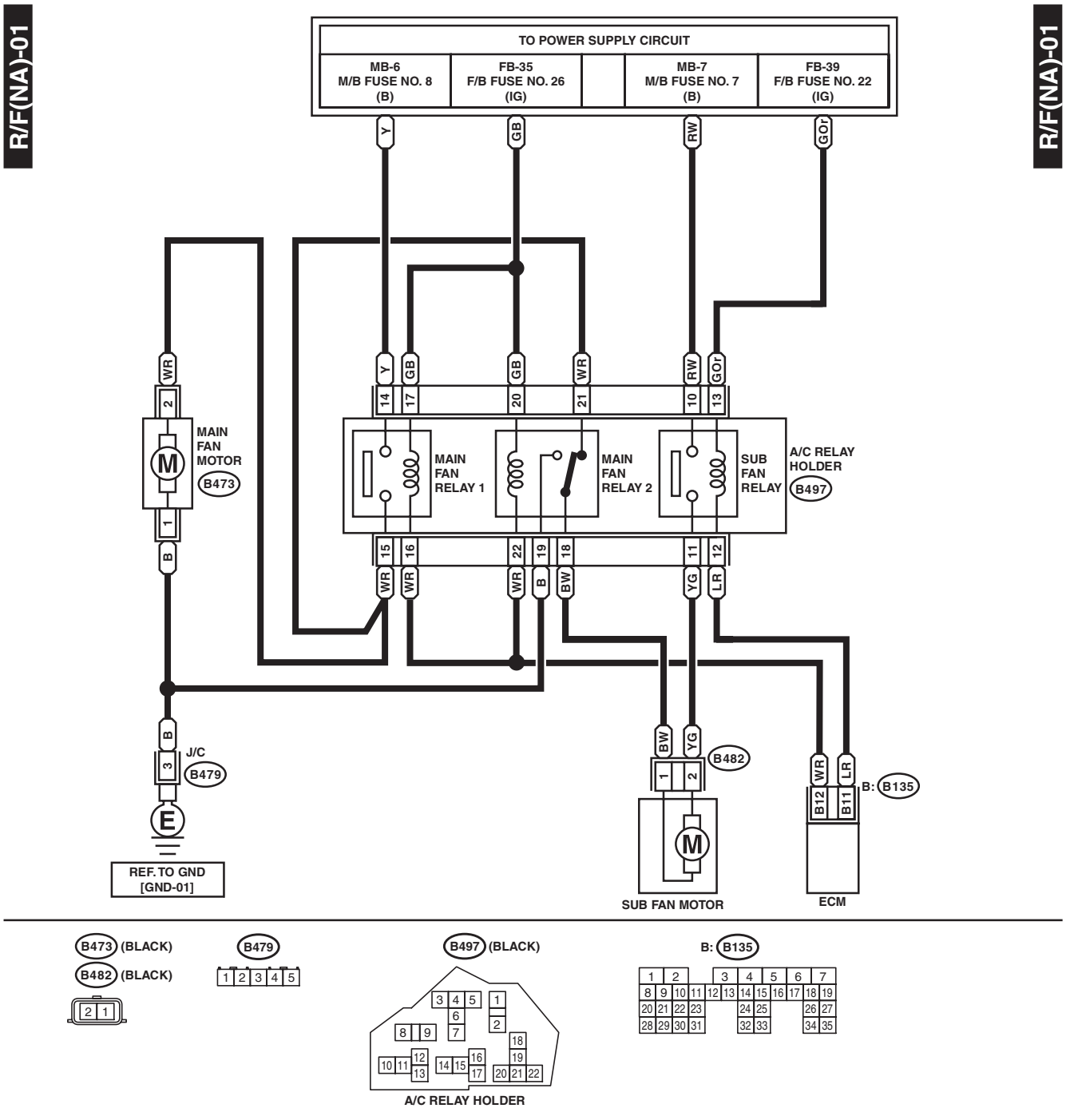
WI-29403

GETtheMANUALS.org

34.Radiator Fan System

A: WIRING DIAGRAM

1. 2.5 L NON-TURBO MODEL



WI-33256

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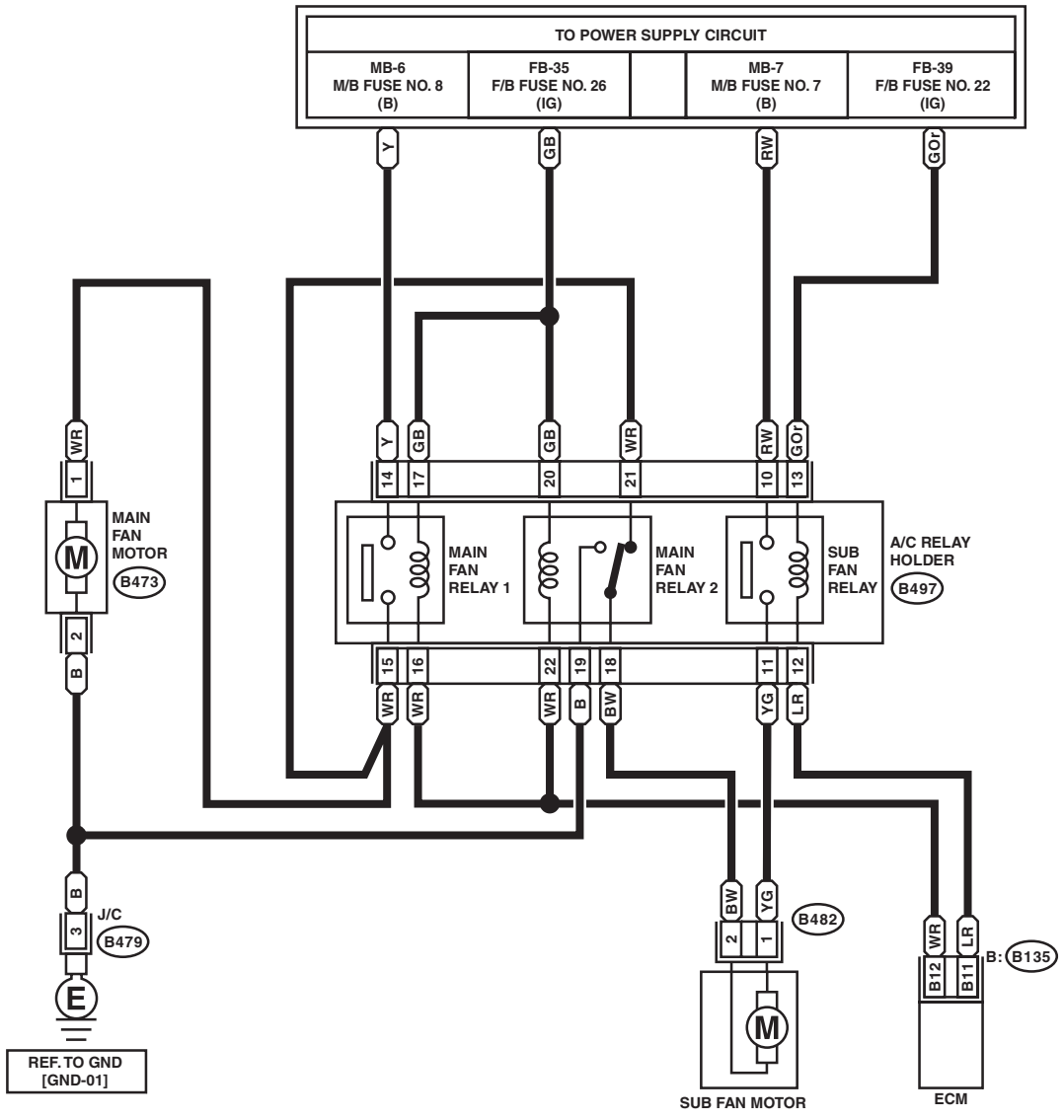
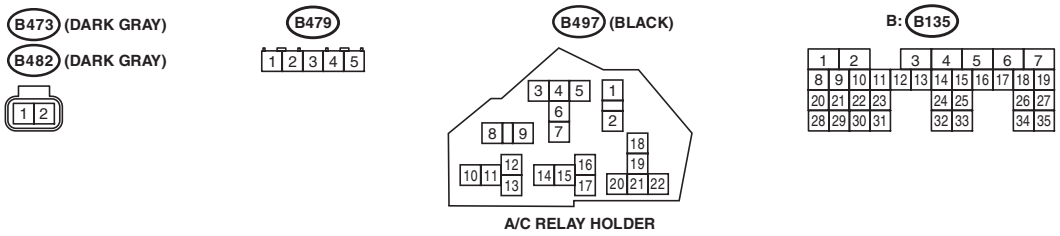
2. 2.5 L TURBO MODEL

R/F(TB)-01





WI-33257

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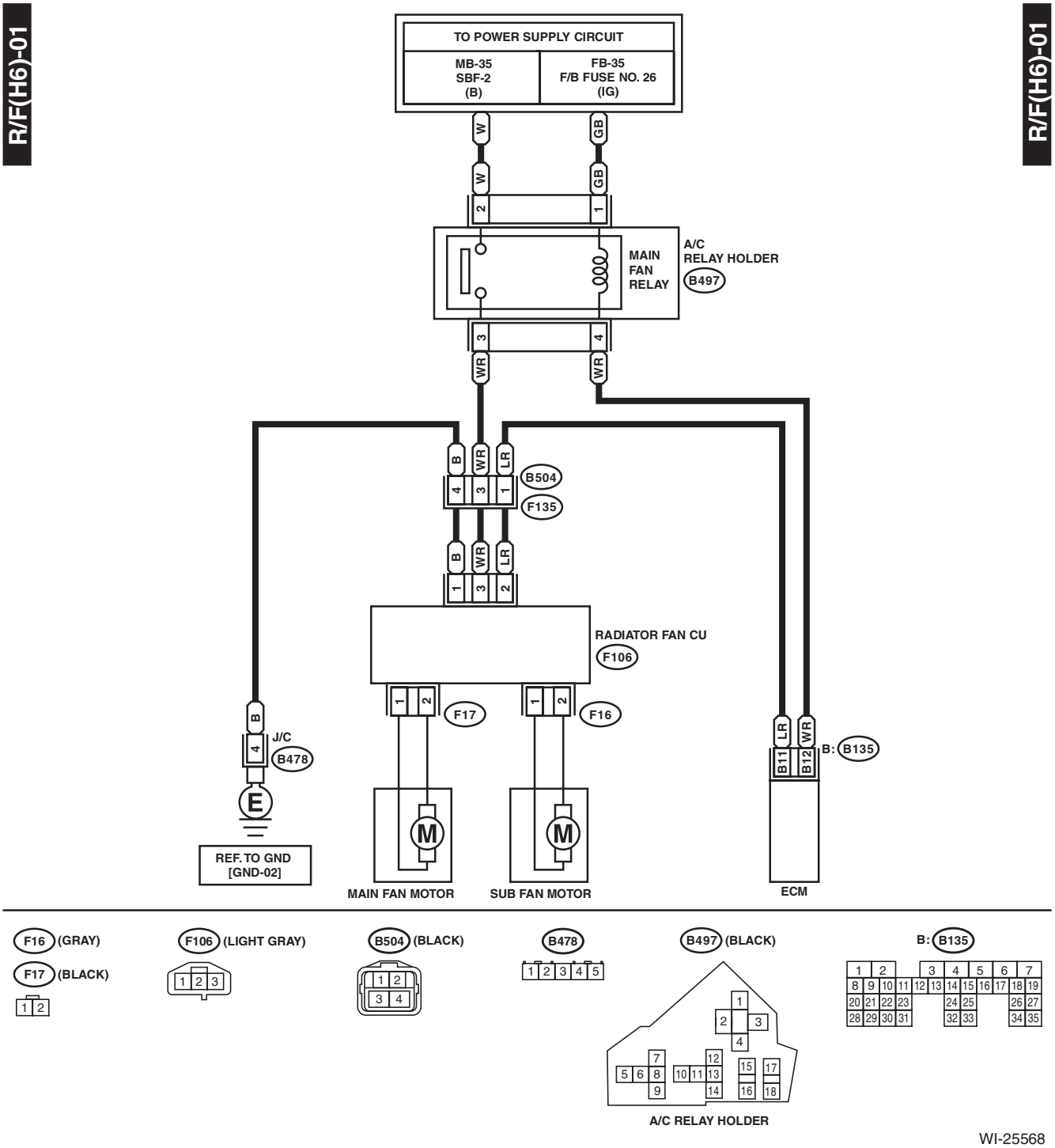
3. 3.6 L MODEL

R/F(H6)-01



WI-25568

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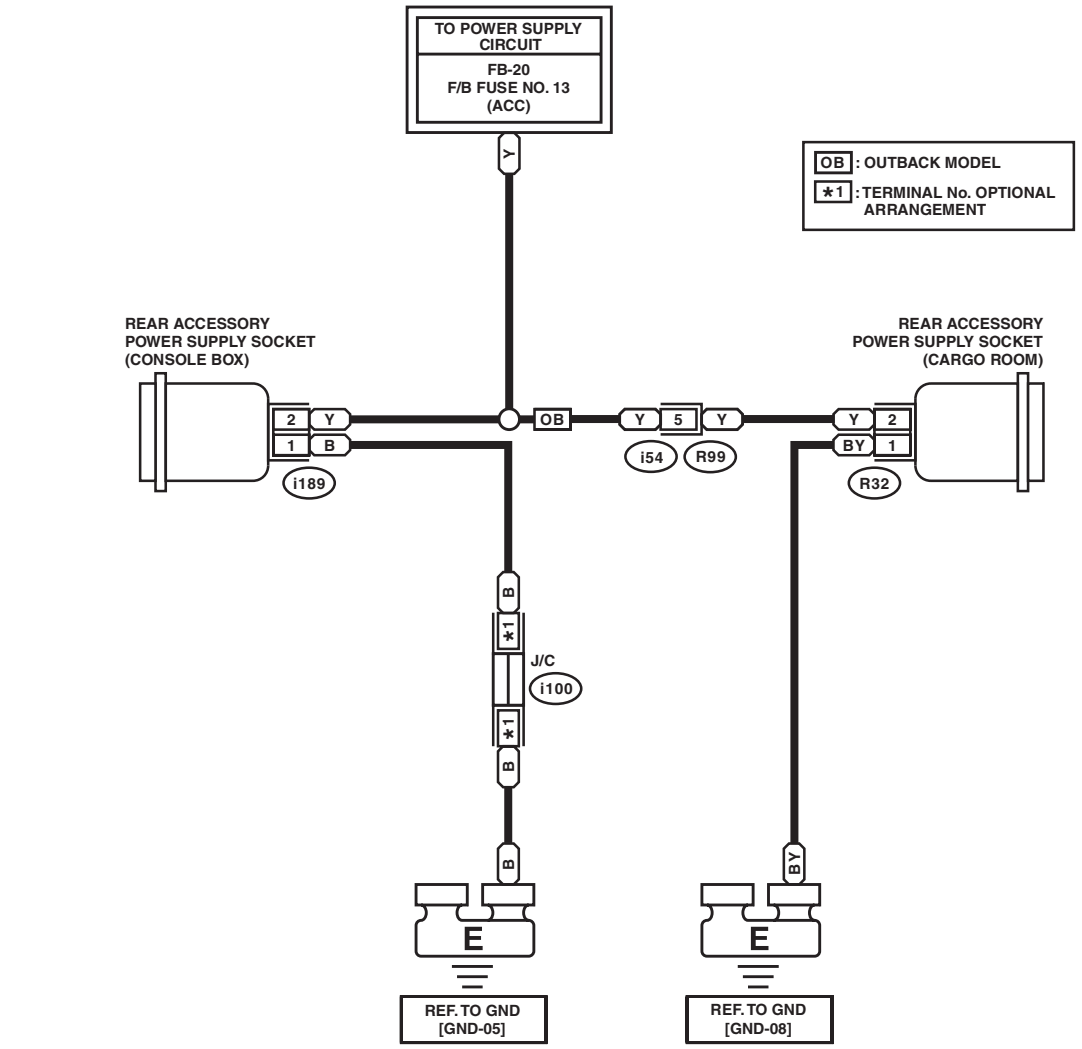
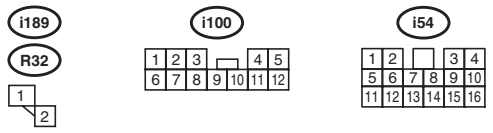
35.Rear Accessory Power Supply Socket System

A: WIRING DIAGRAM

RAPS-01

RAPS-01





WI-29404

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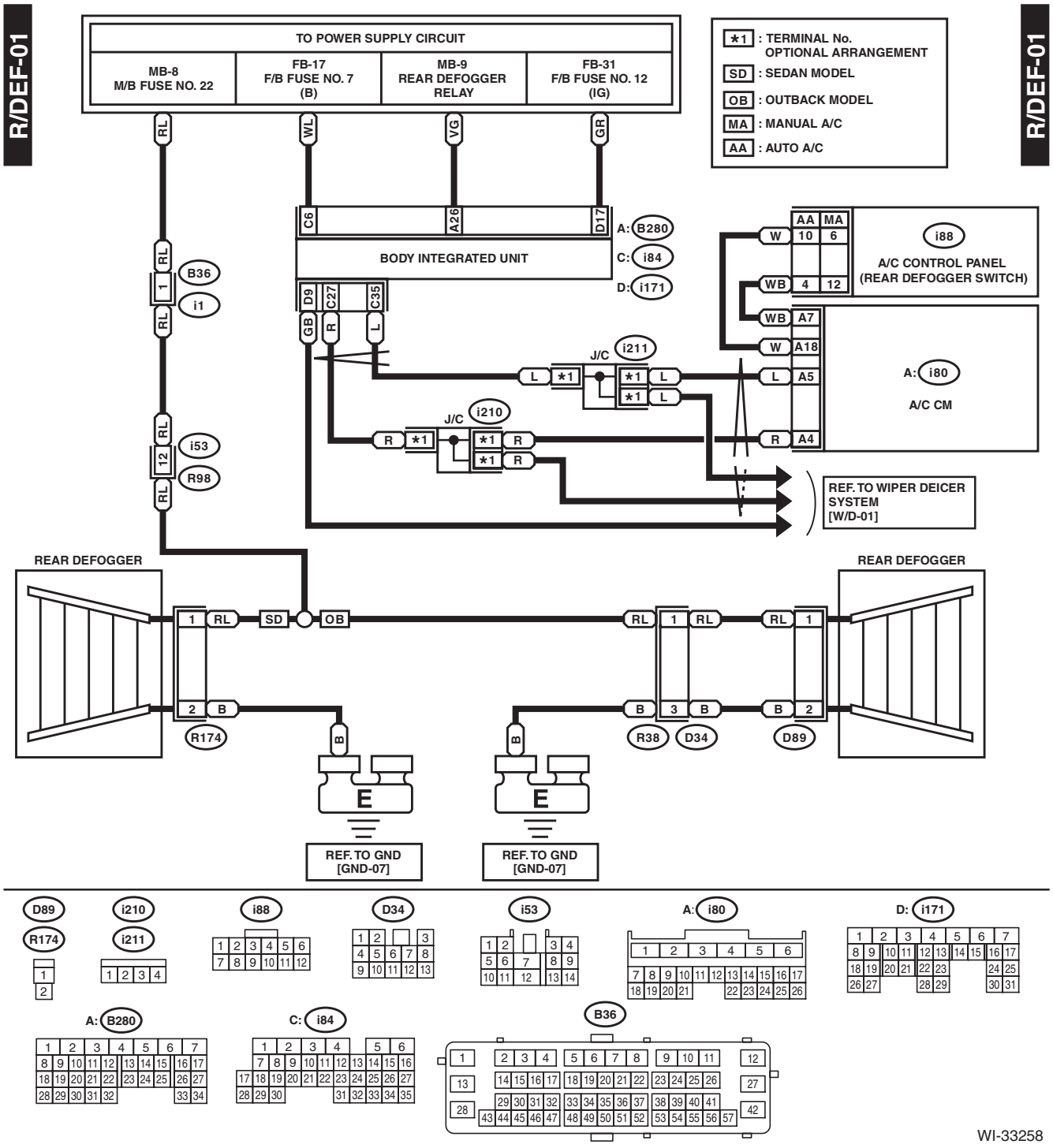
36.Rear Defogger System

A: WIRING DIAGRAM



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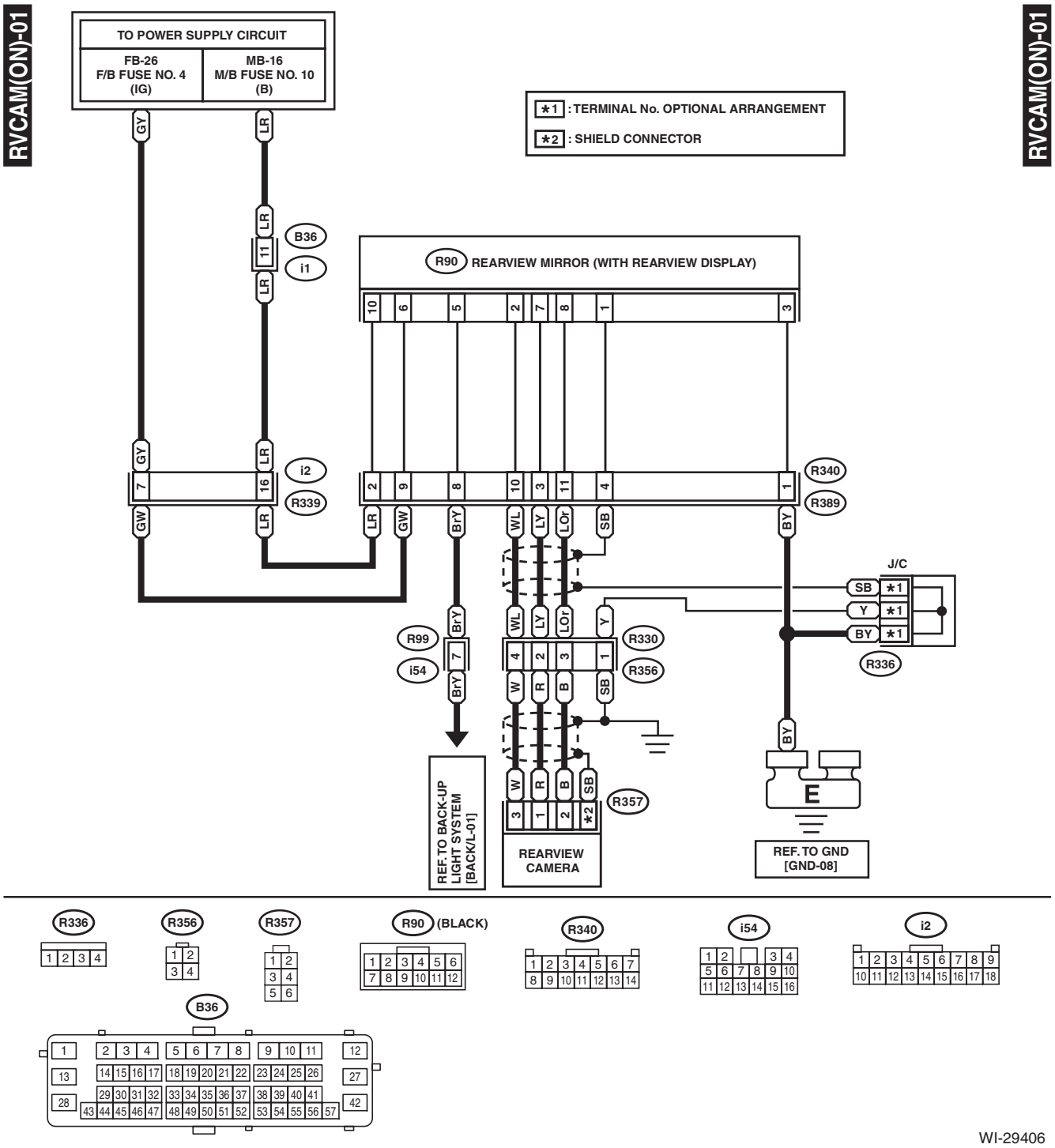
37.Rearview Camera System

A: WIRING DIAGRAM

1. MODELS WITHOUT NAVIGATION SYSTEM



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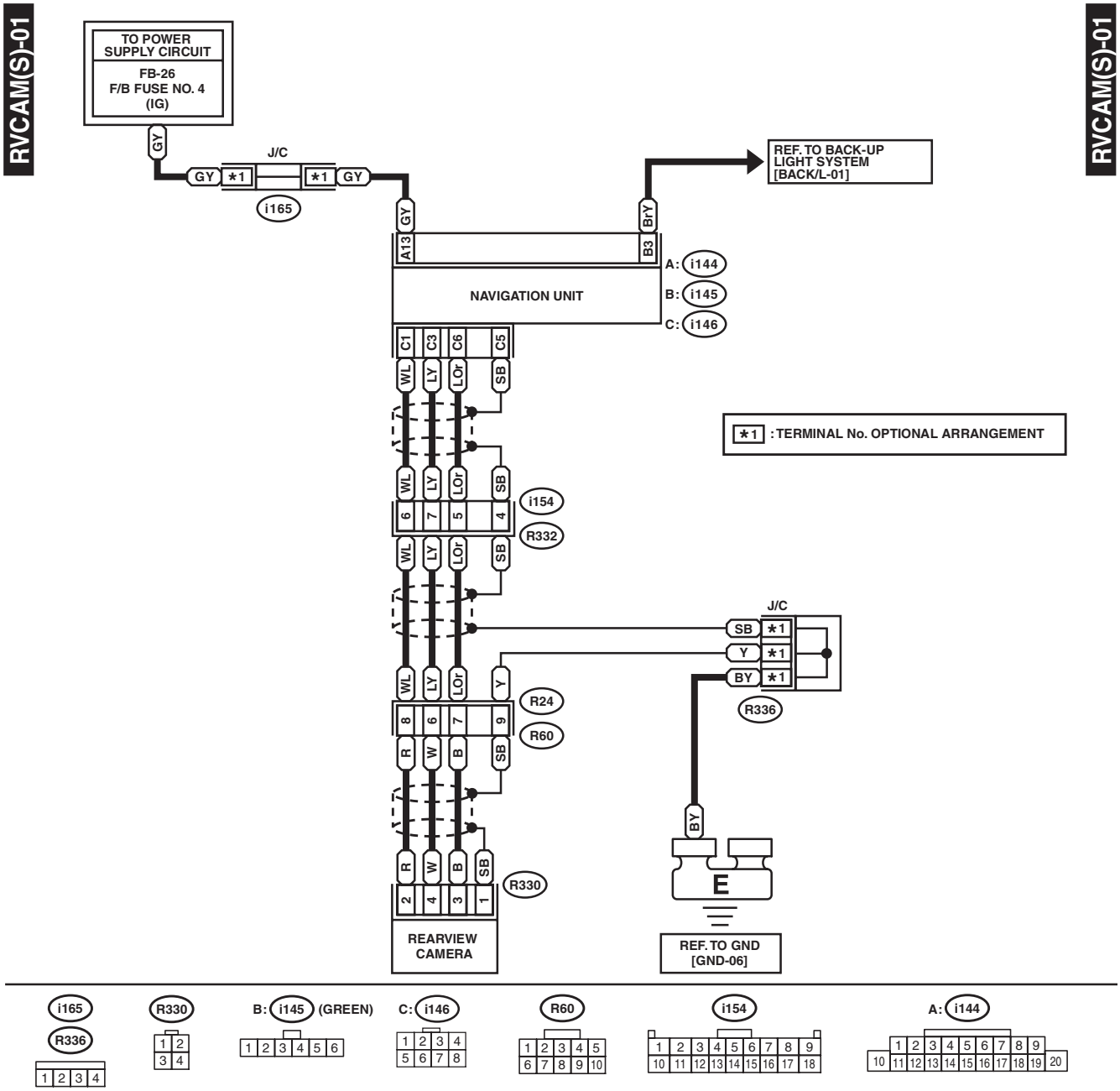
2. WITH NAVIGATION (SEDAN MODEL)



WI-29407

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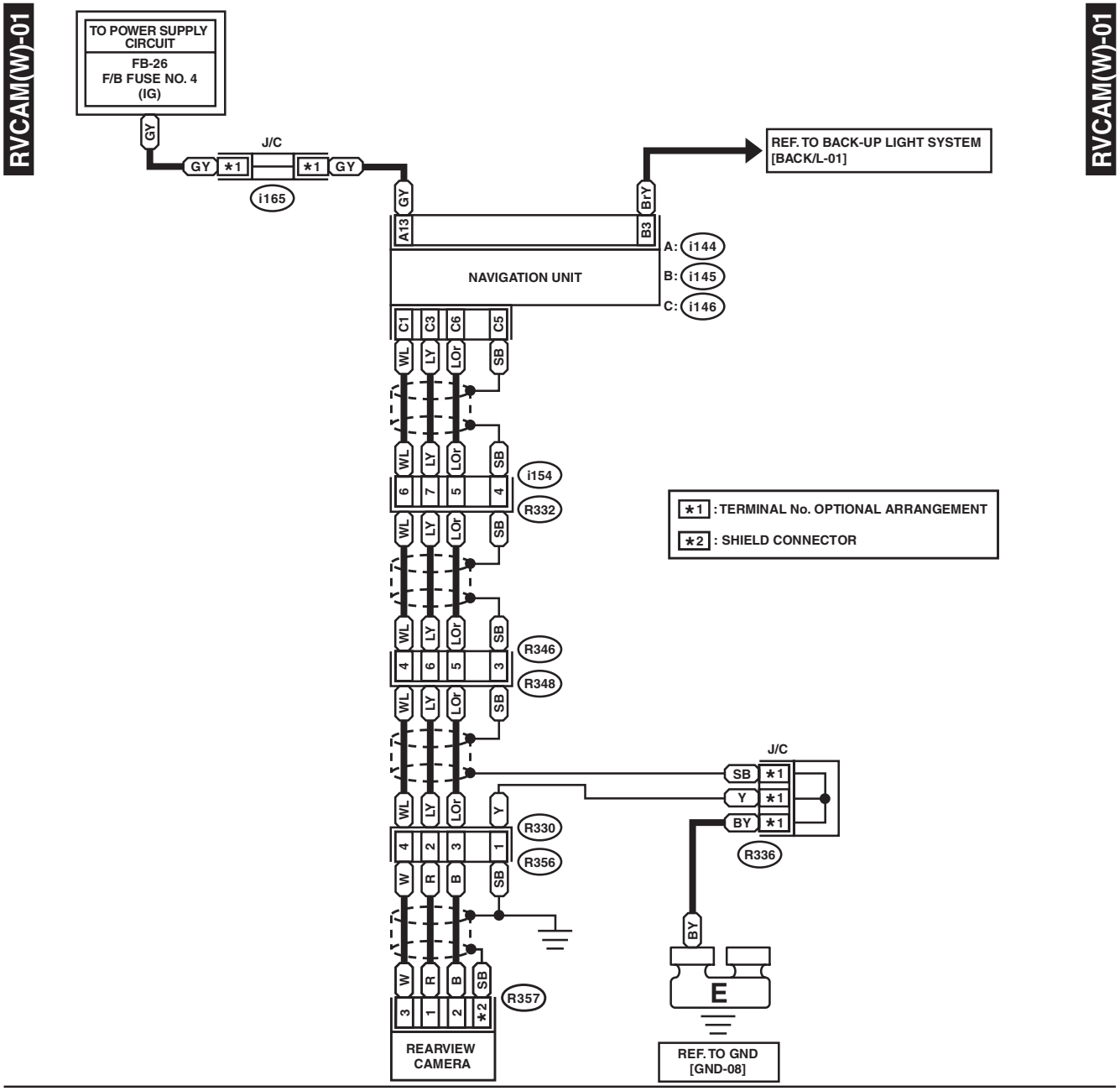
3. WITH NAVIGATION (OUTBACK MODEL)

- **Vehicle identification number: OUTBACK model 200013 or later**



WI-35781

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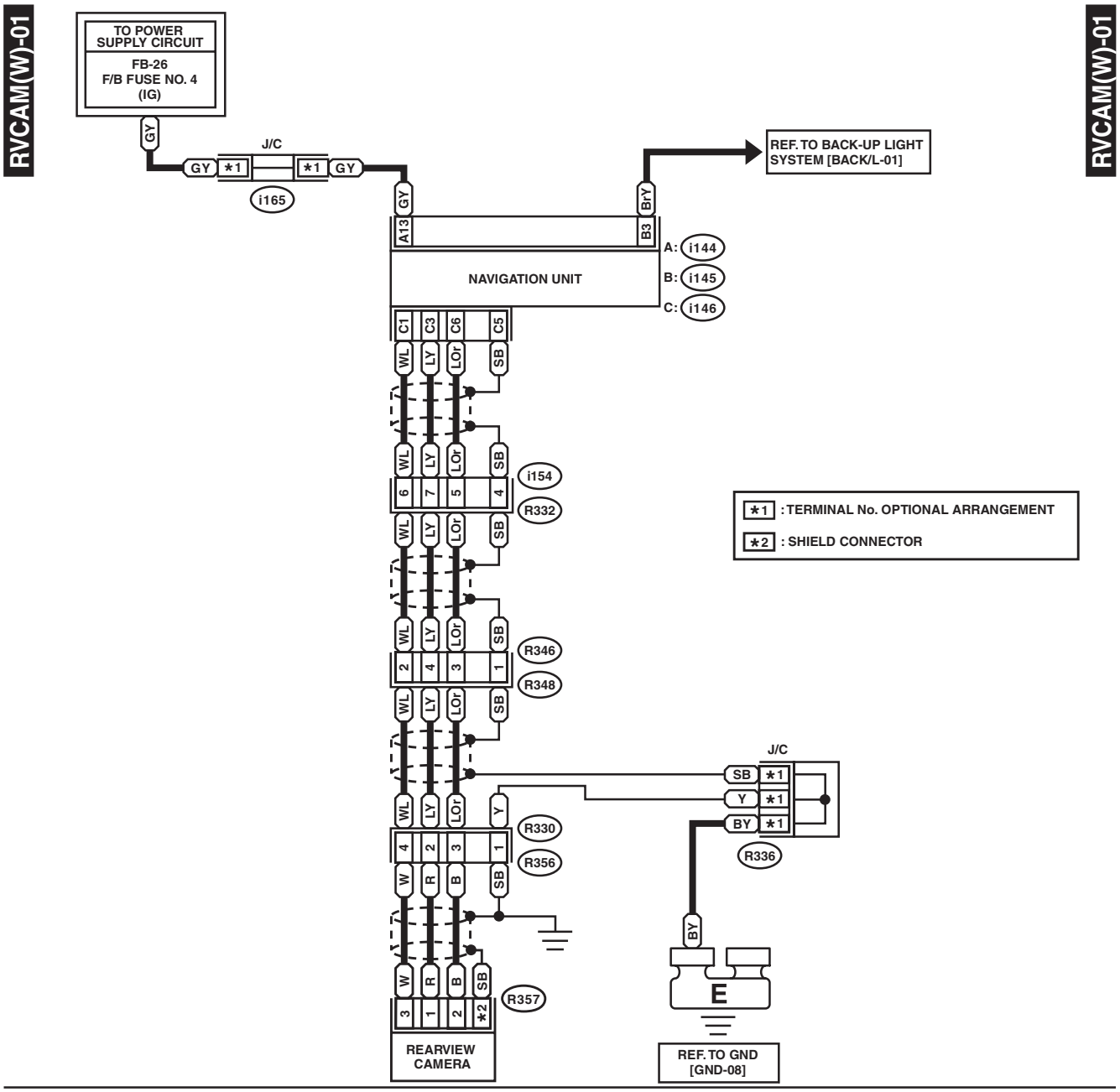
- **Vehicle identification number: OUTBACK model 200012 or older**



WI-29408

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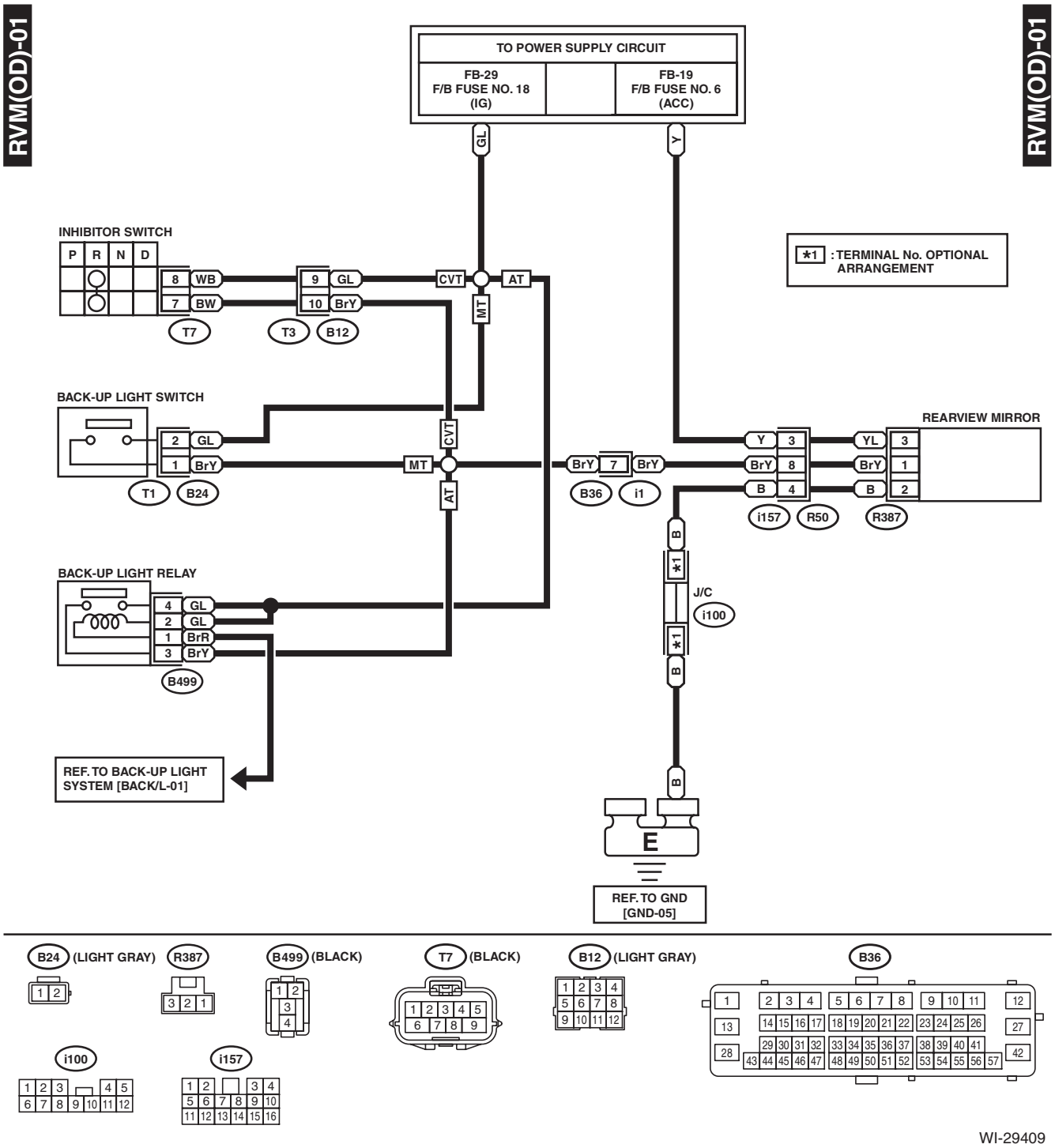
38.Rearview Mirror System

A: WIRING DIAGRAM

1. WITHOUT REARVIEW DISPLAY



WI-29409

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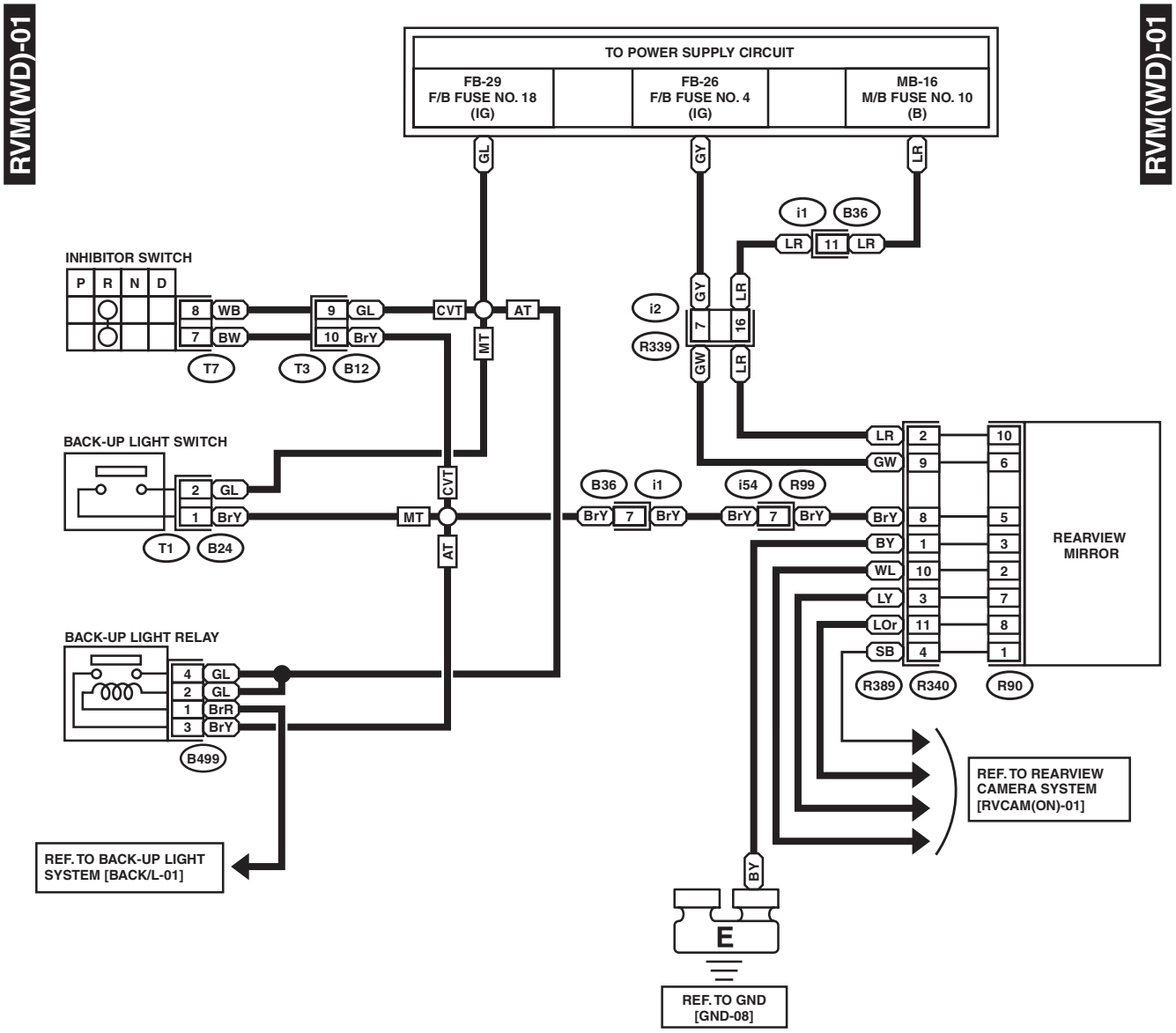
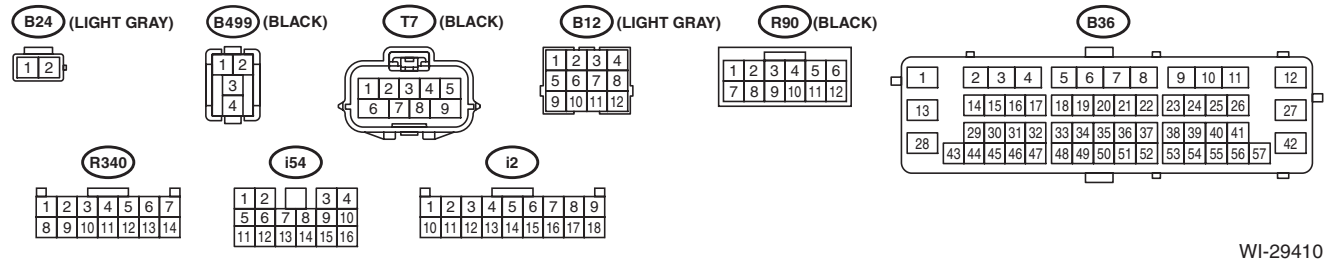
2. WITH REARVIEW DISPLAY





WI-29410

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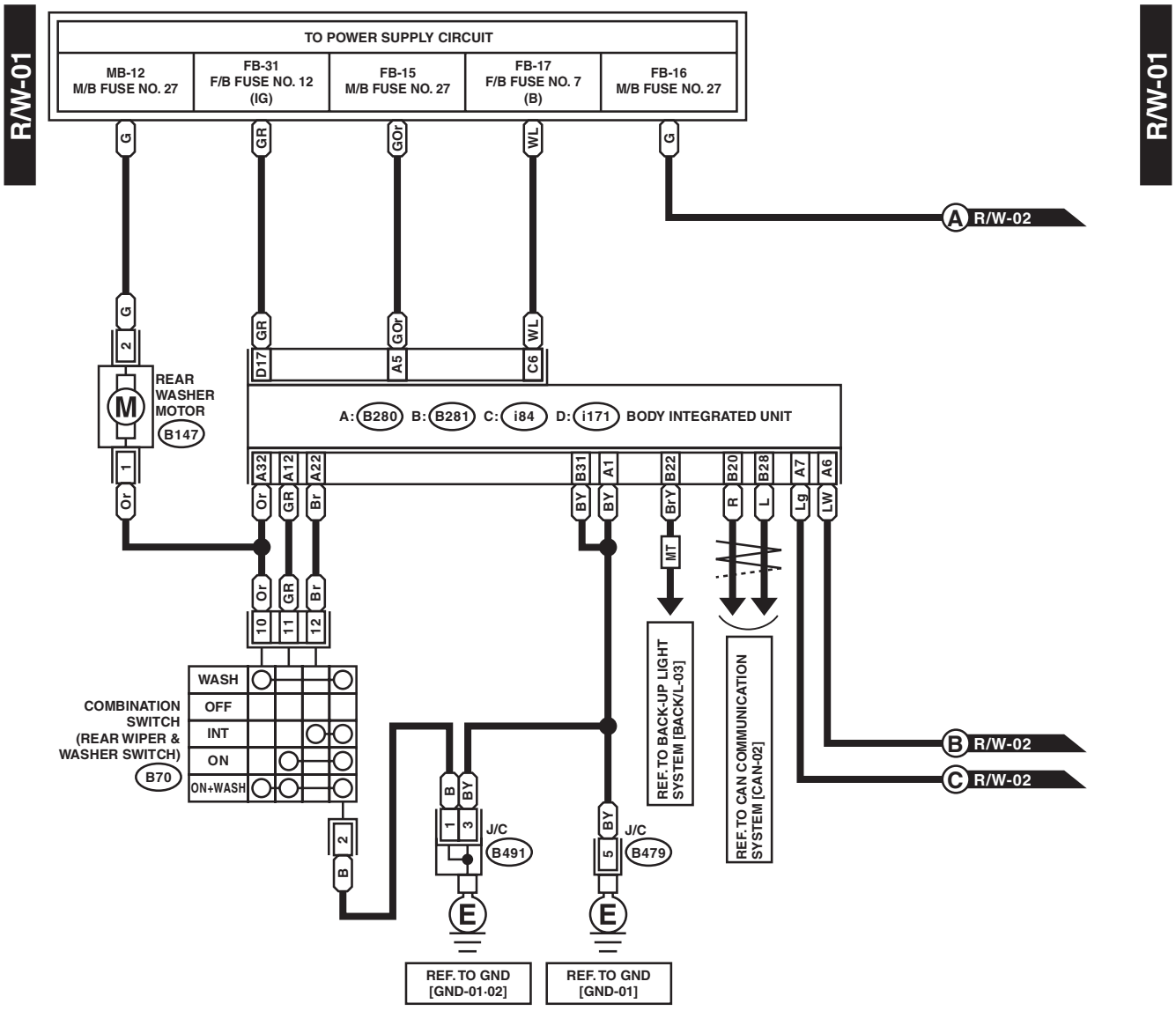
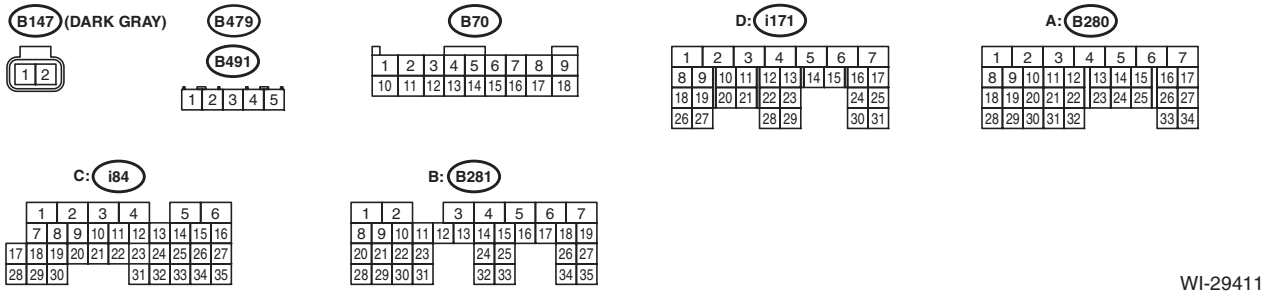
39.Rear Wiper and Washer System

A: WIRING DIAGRAM





WI-29411

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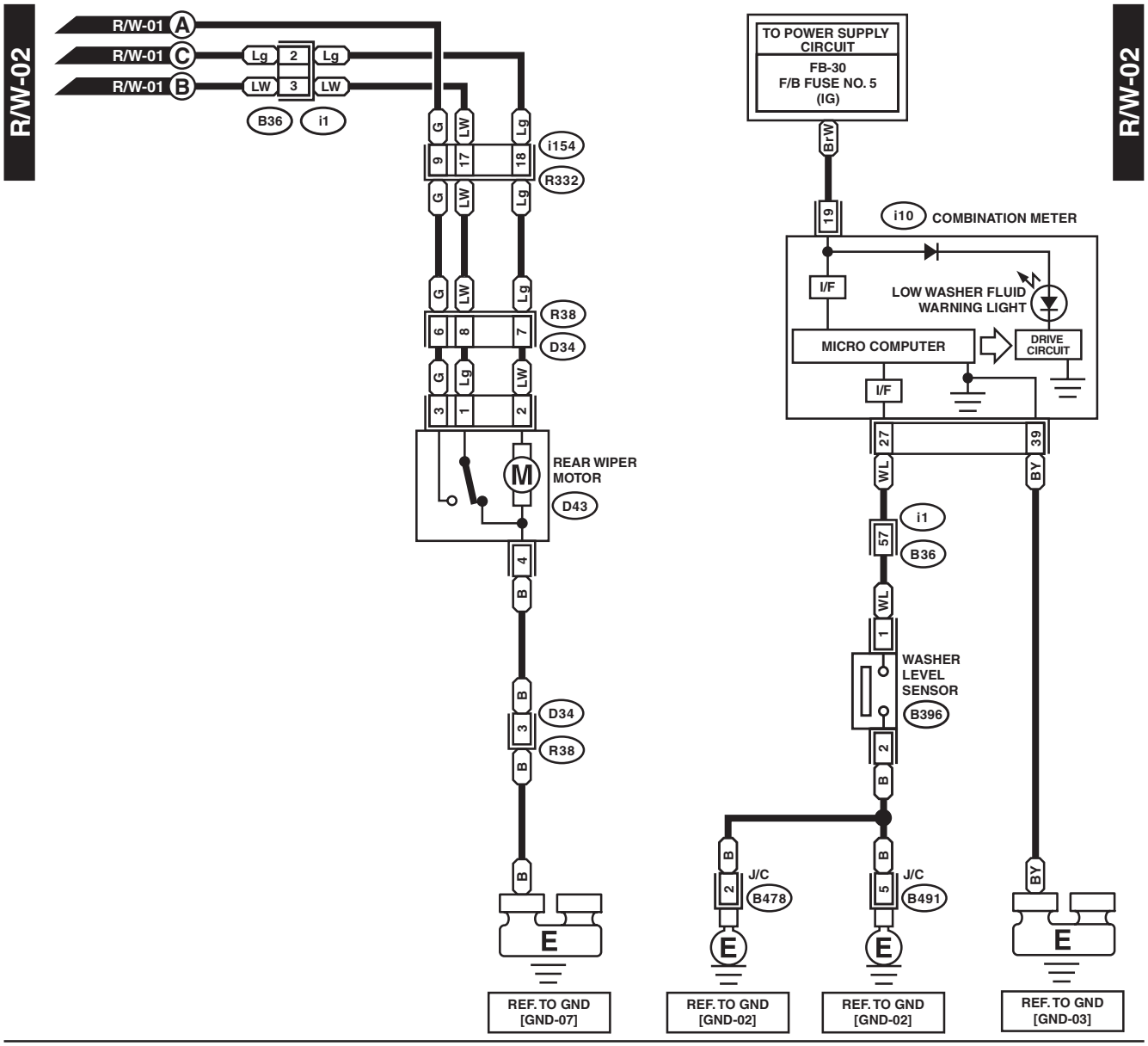
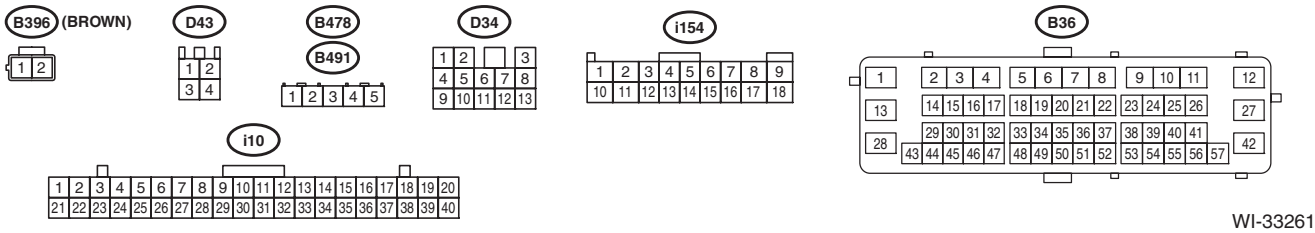
WIRING SYSTEM





WI-33261

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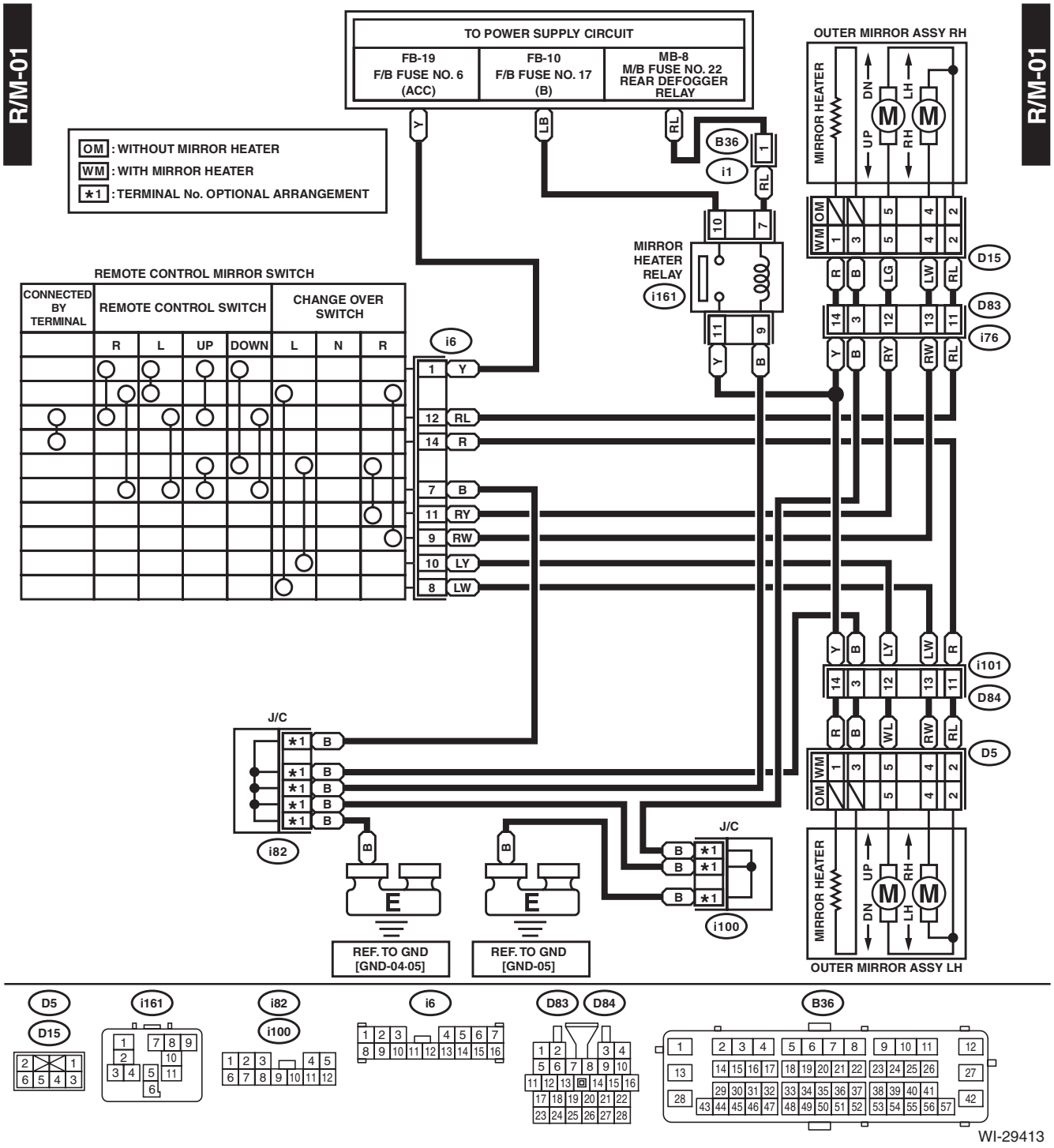
40.Remote Control Mirror System

A: WIRING DIAGRAM

1. WITHOUT ELECTRIC RETRACTION SYSTEM



WI-29413

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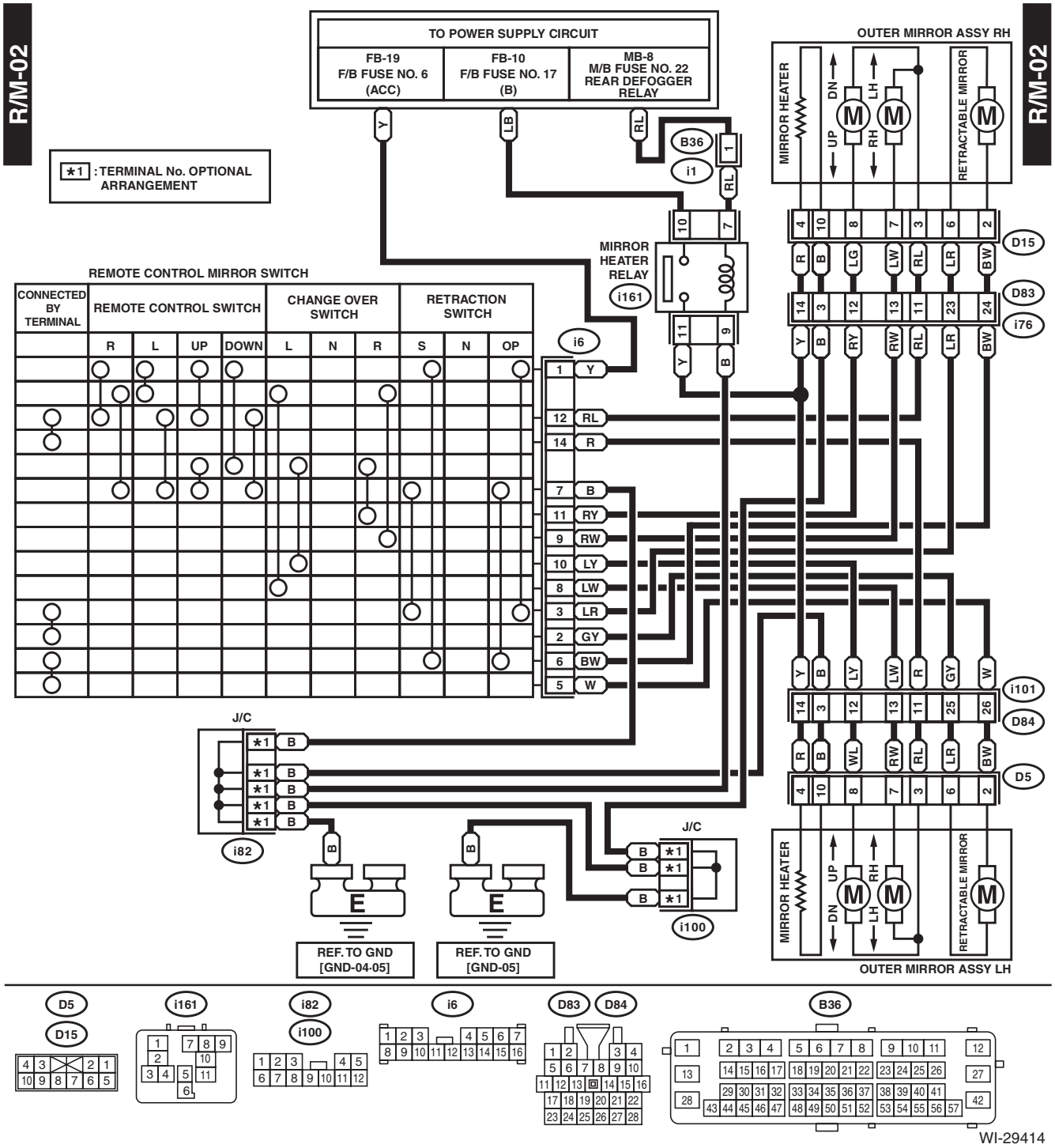
2. WITH ELECTRIC RETRACTION SYSTEM



WI-29414

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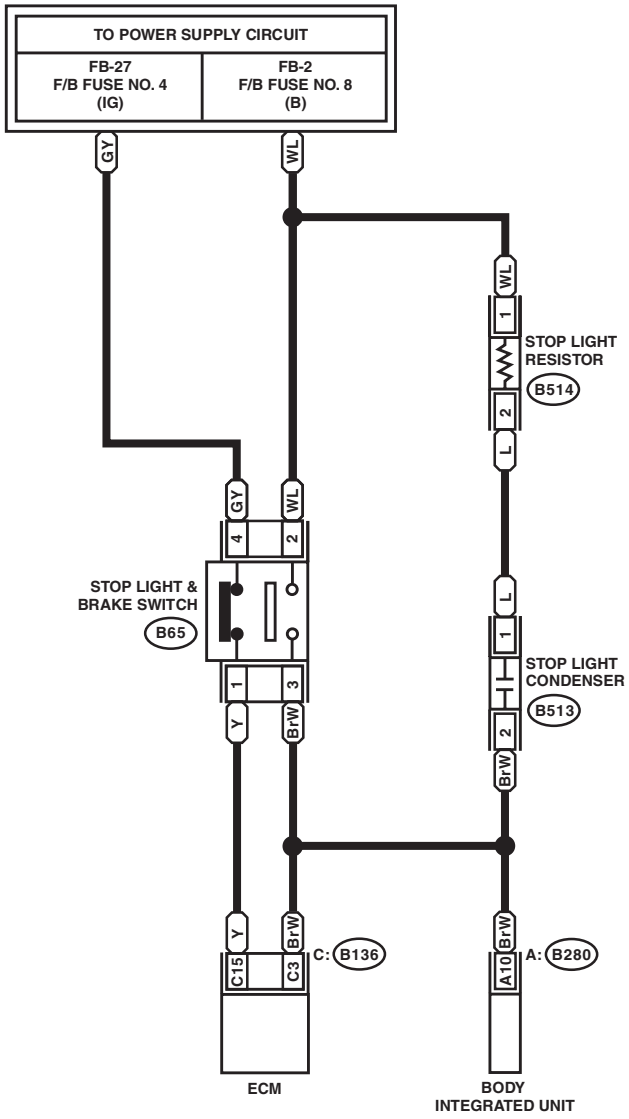
41.Remote Engine Start System

A: WIRING DIAGRAM

RE/GS-01



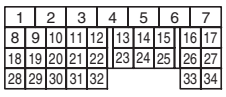
RE/GS-01

B513 (BLUE)

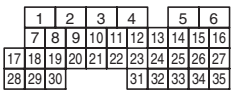
B514 (BLUE)

B65 (BLACK)

A: B280



C: B136



WI-33858

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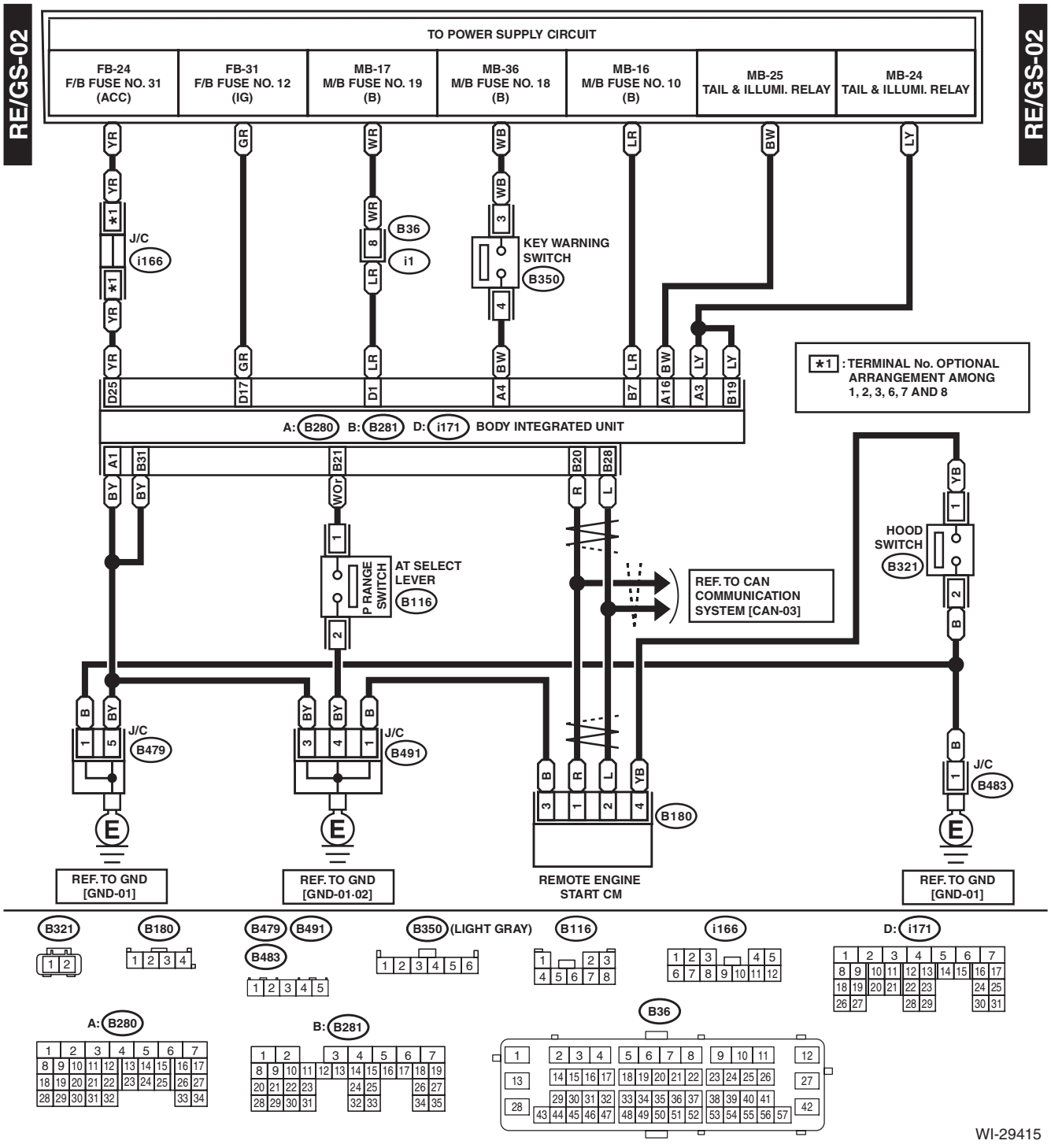
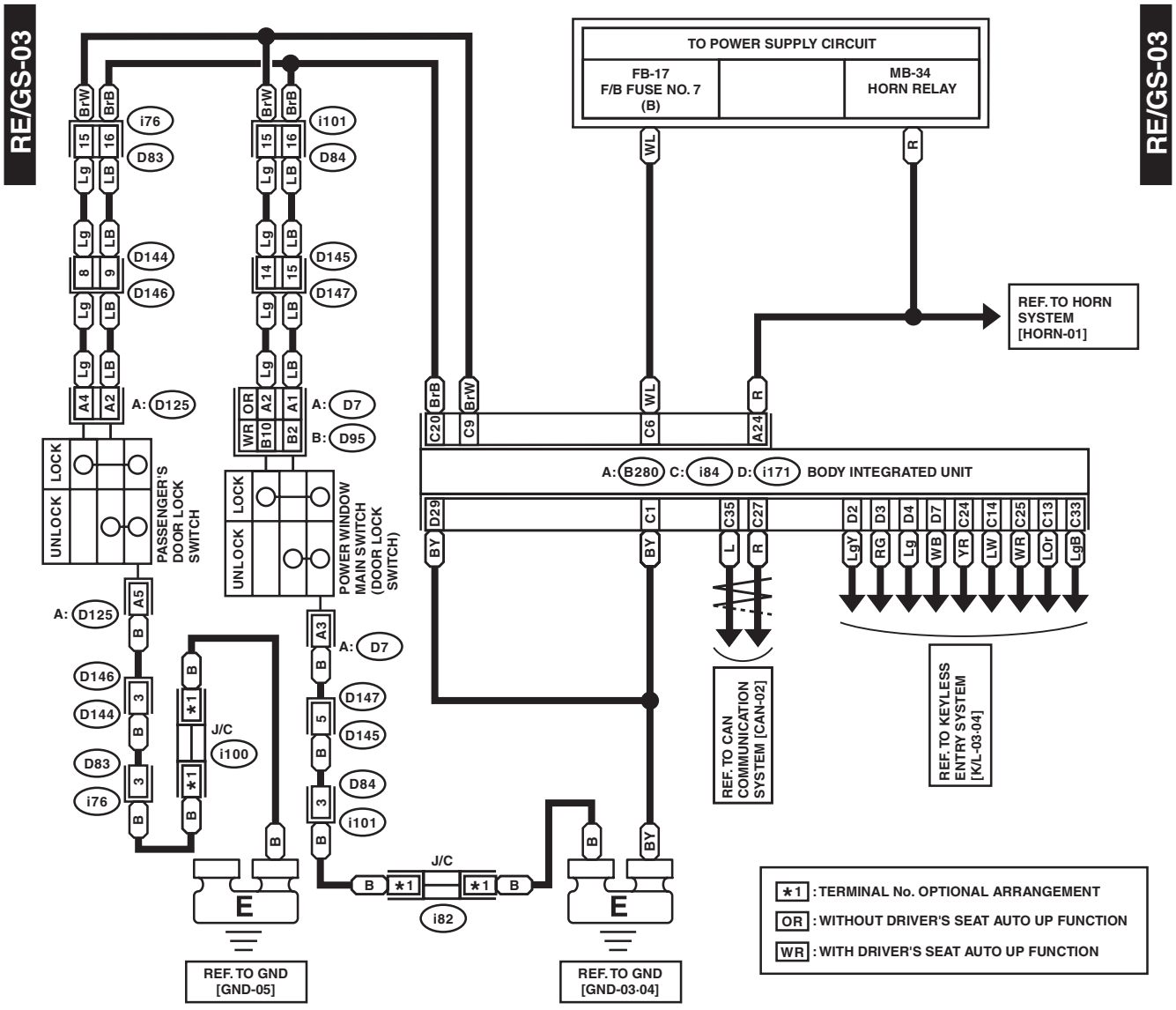
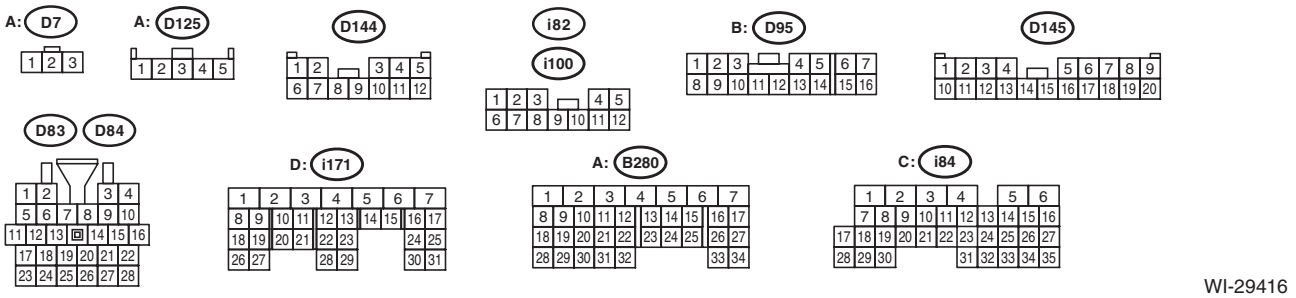
Remote Engine Start System

WIRING SYSTEM



GETtheMANUALS.org





WI-29416

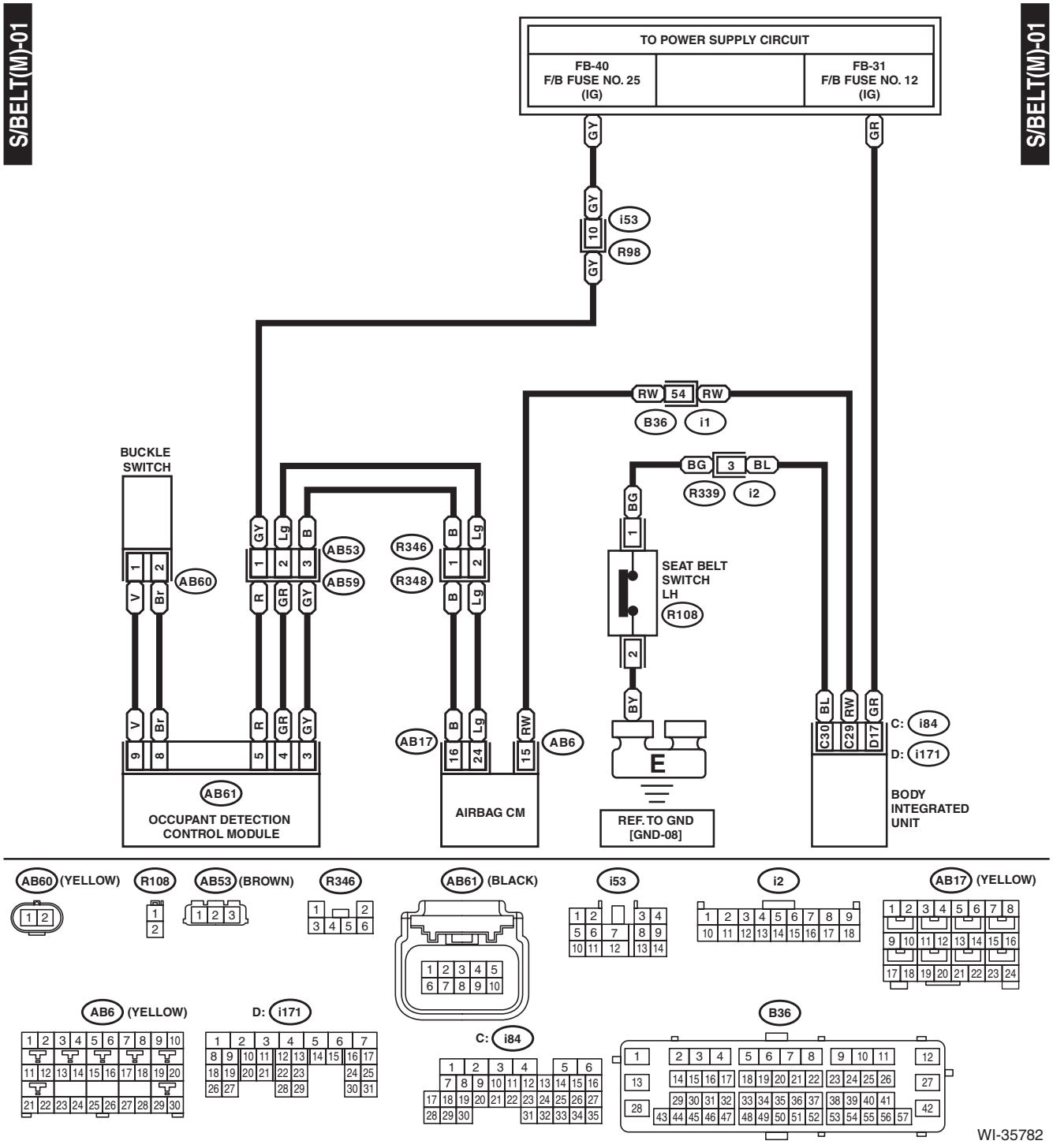
GETtheMANUALS.org

42.Seat Belt Warning System

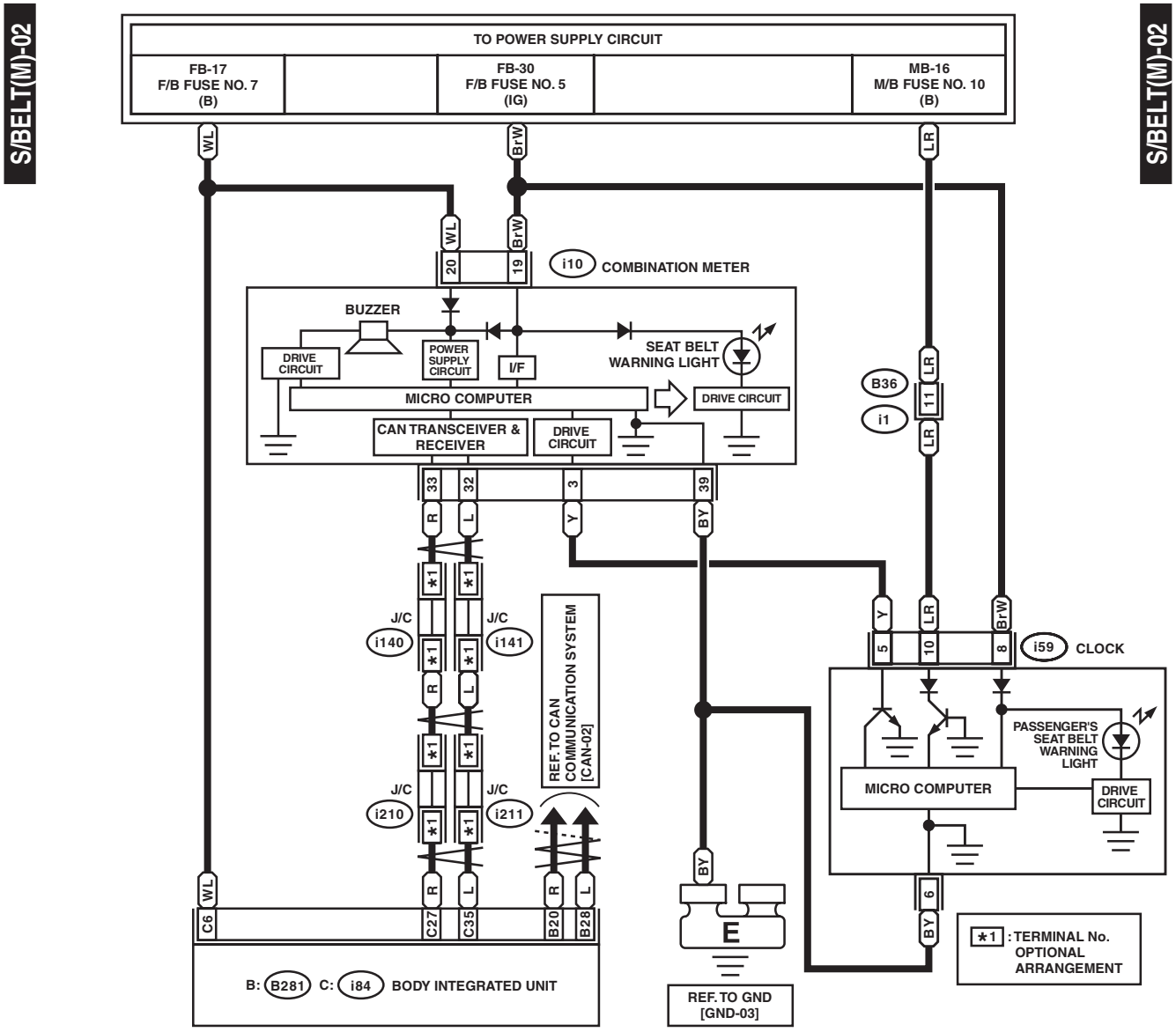
A: WIRING DIAGRAM

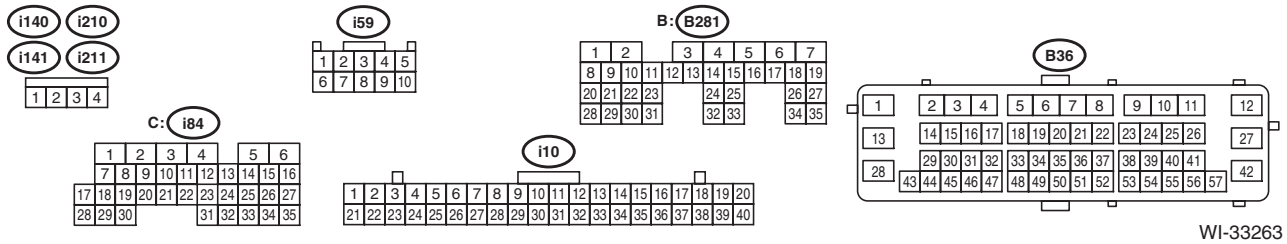
1. MANUAL SEAT MODEL

- **Vehicle identification number: Sedan model 002017 or later OUTBACK model 200013 or later**



GETtheMANUALS.org





WI-33263

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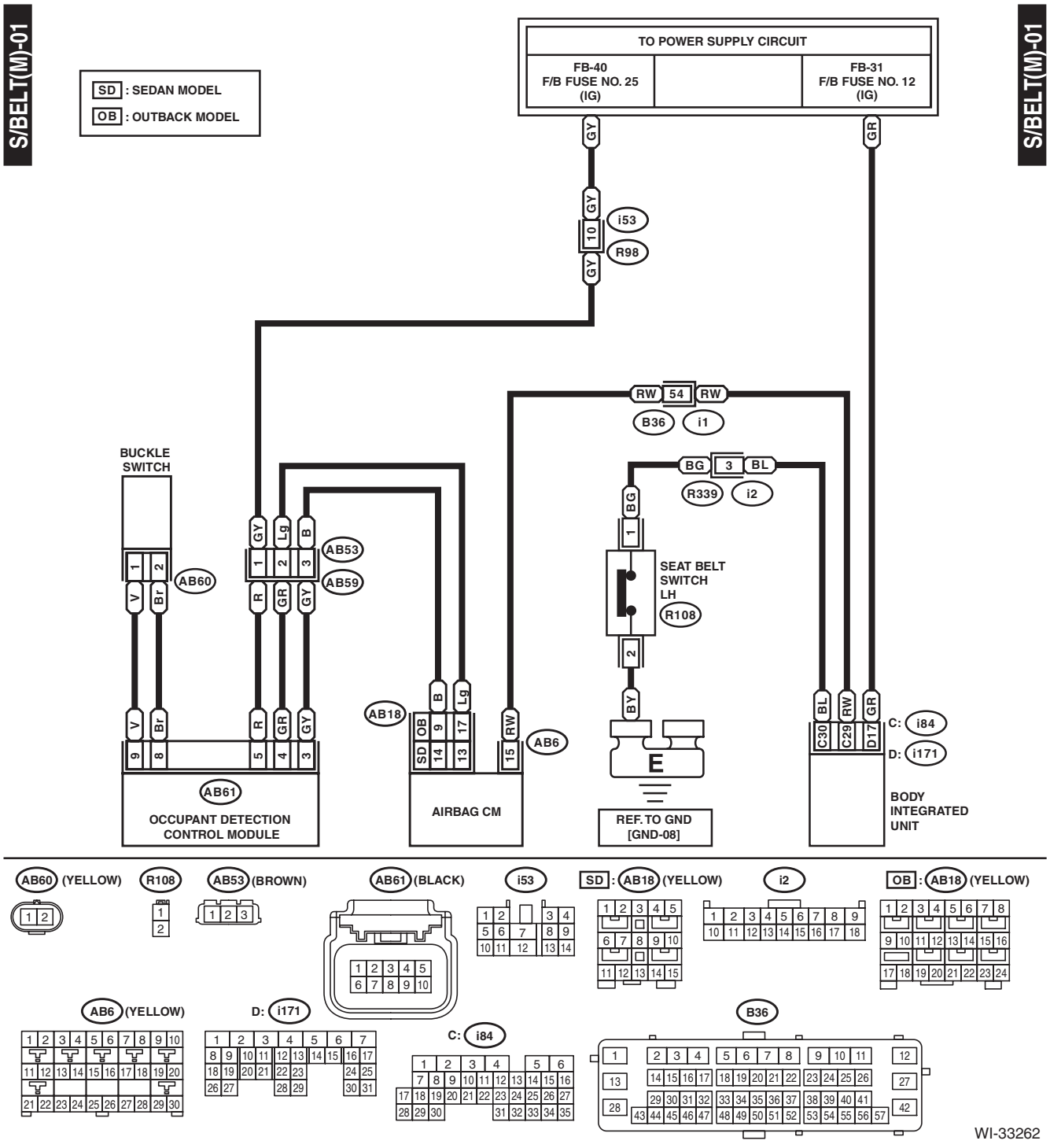
WIRING SYSTEM

- **Vehicle identification number: Sedan model 002016 or older OUTBACK model 200012 or older**



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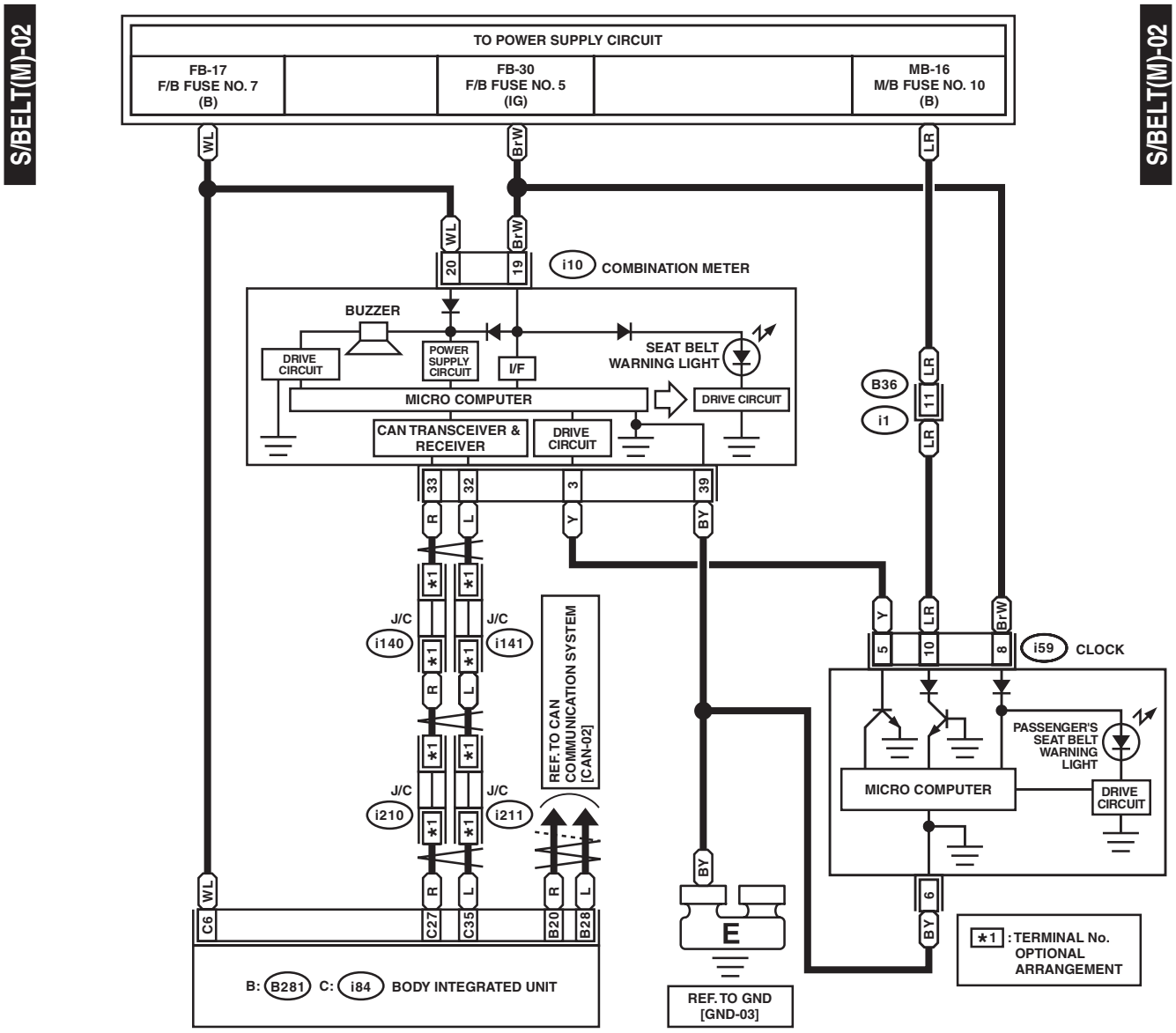
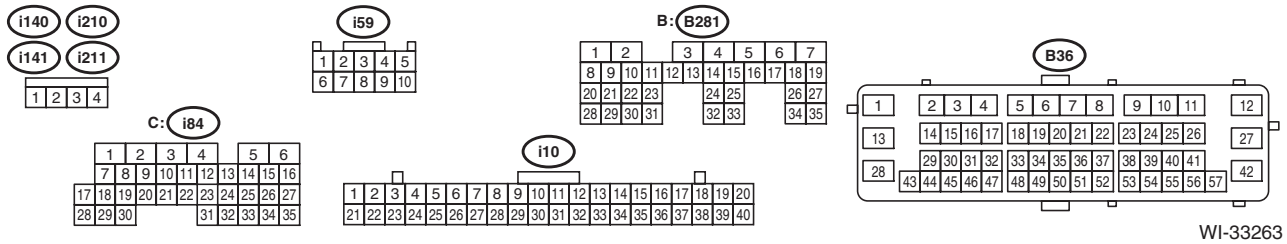


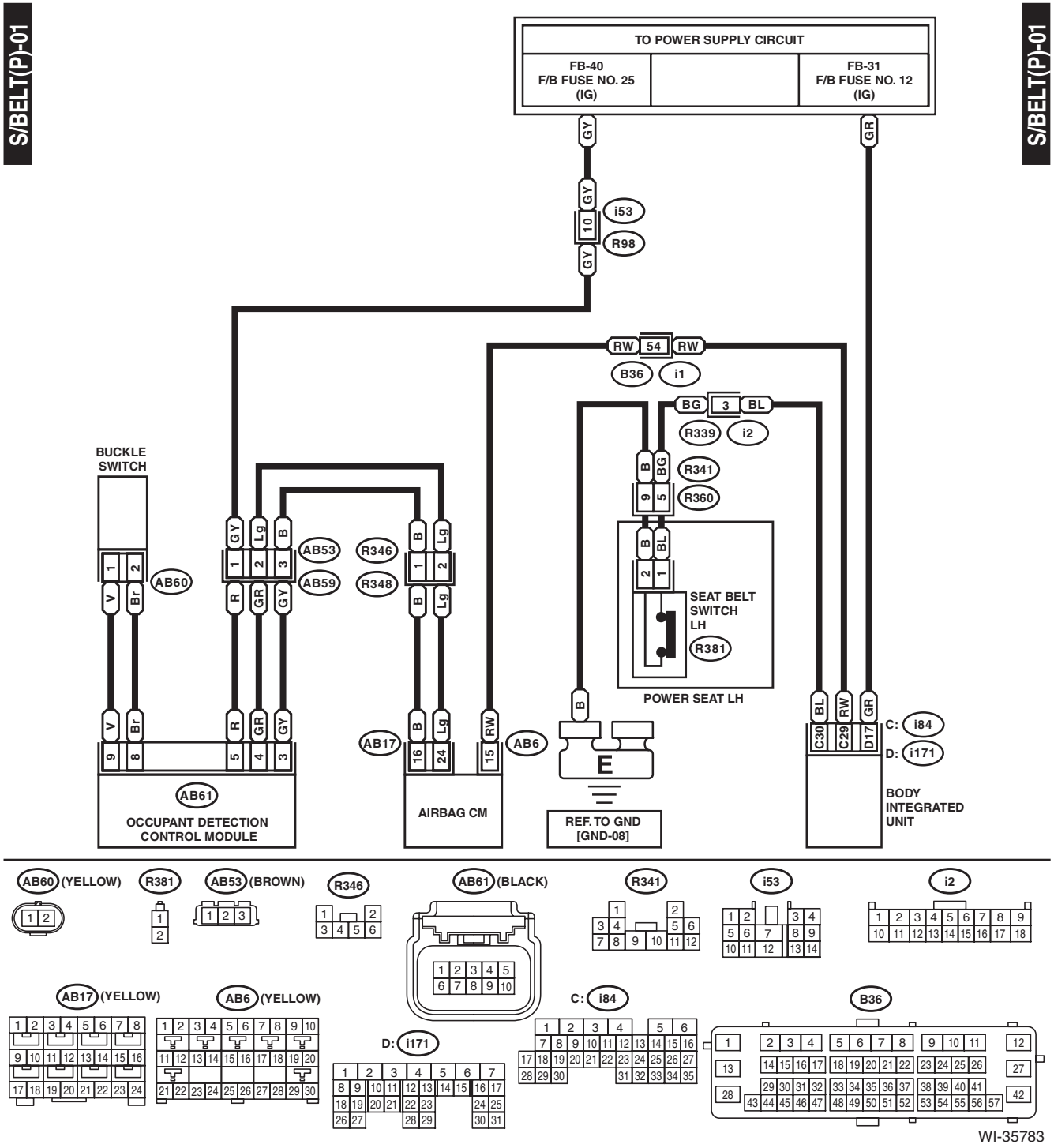


WI-33263

GETtheMANUALS.org

2. MODEL WITH POWER SEATS

- **Vehicle identification number: Sedan model 002017 or later OUTBACK model 200013 or later**



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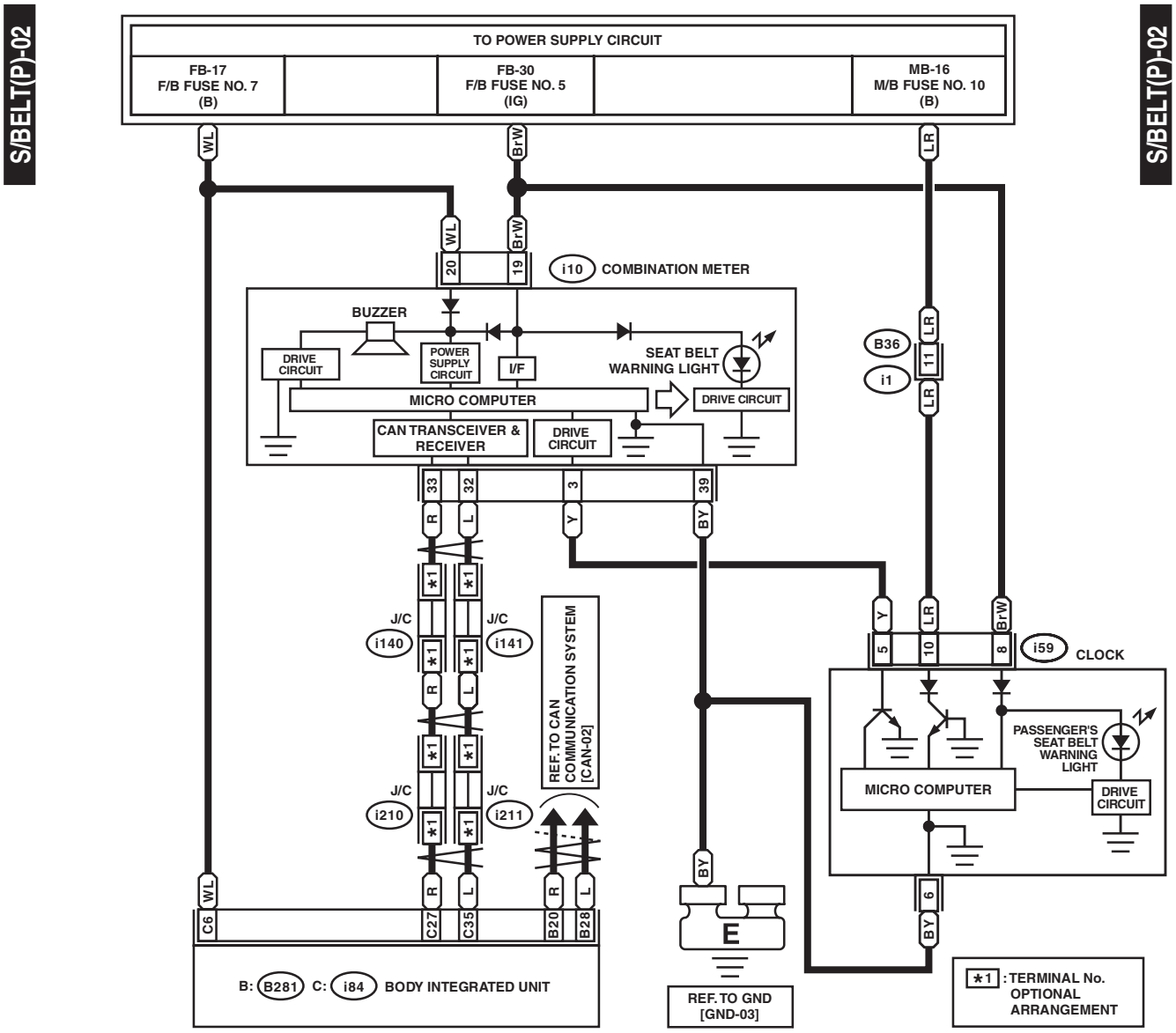

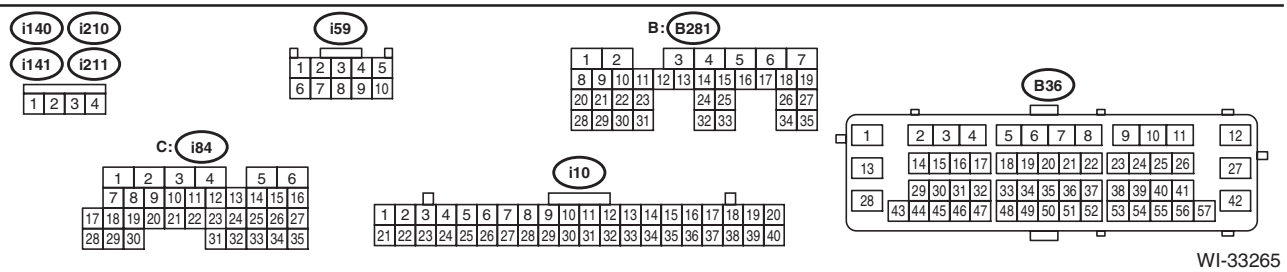

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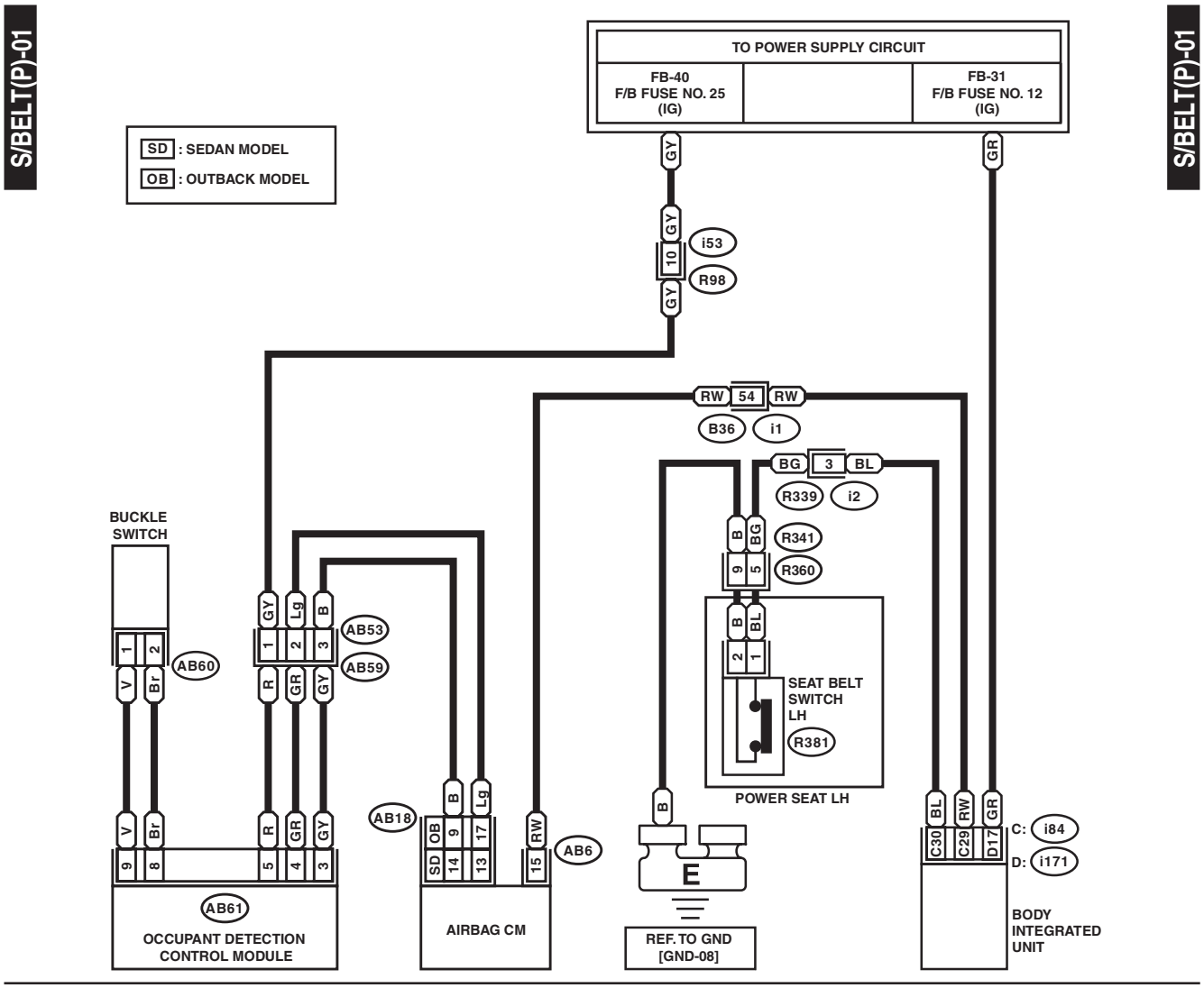
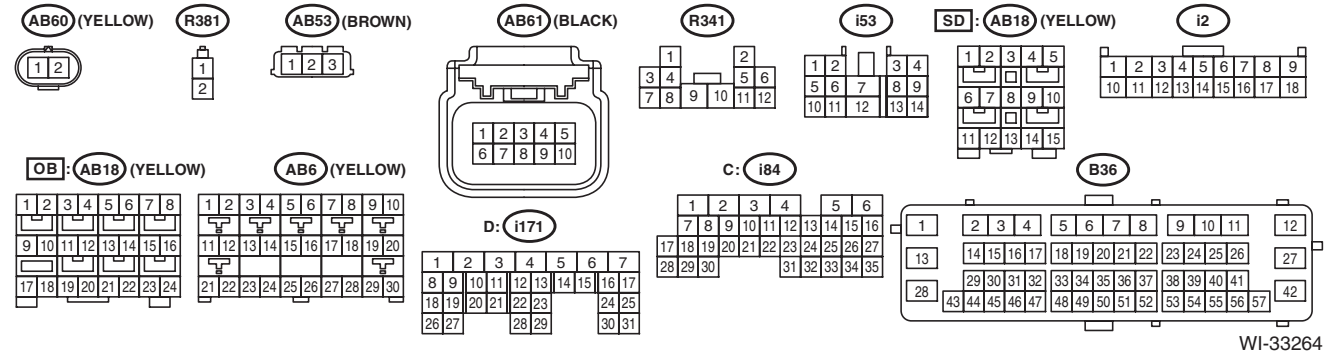
WIRING SYSTEM

- **Vehicle identification number: Sedan model 002016 or older OUTBACK model 200012 or older**





WI-33264

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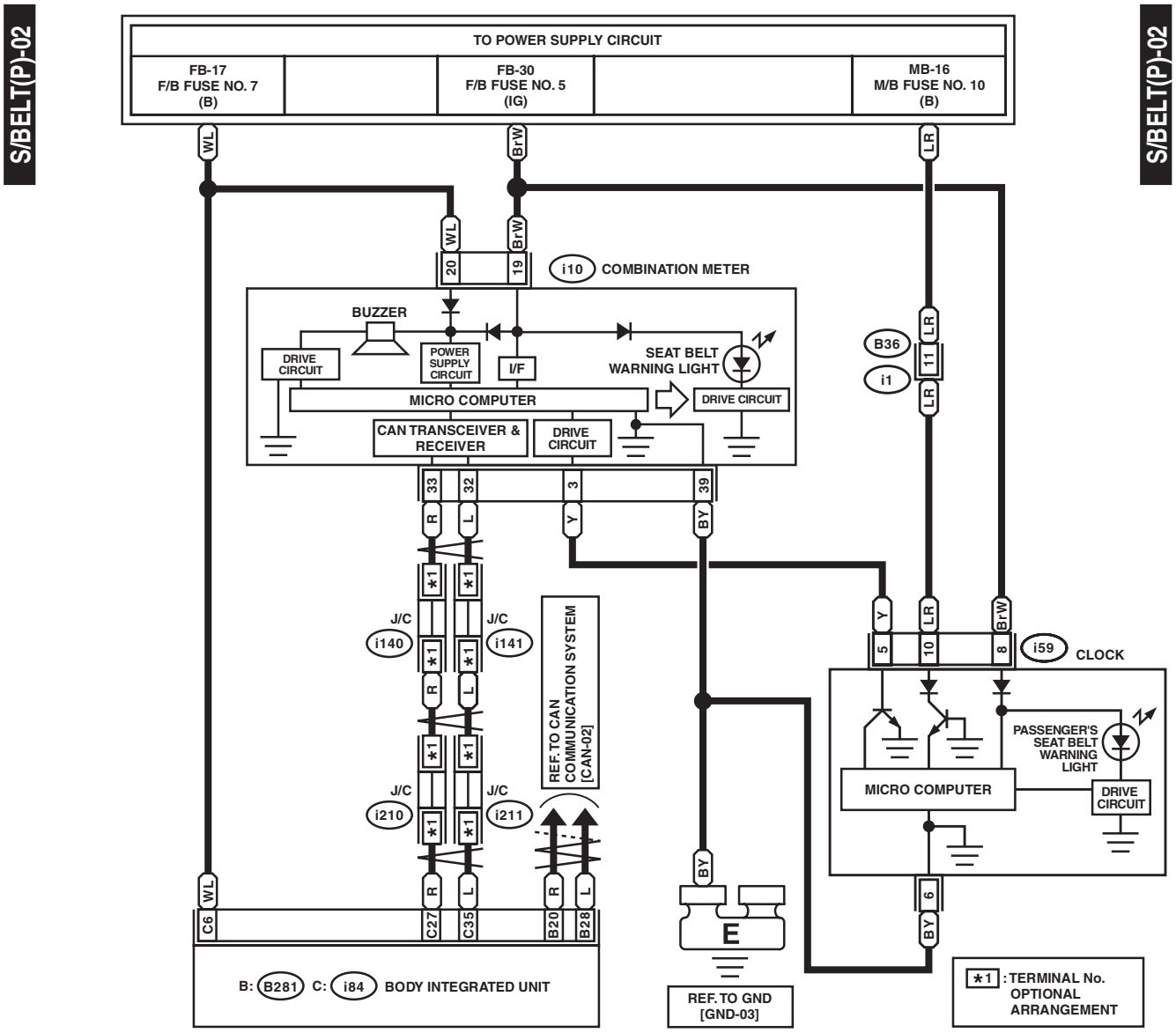

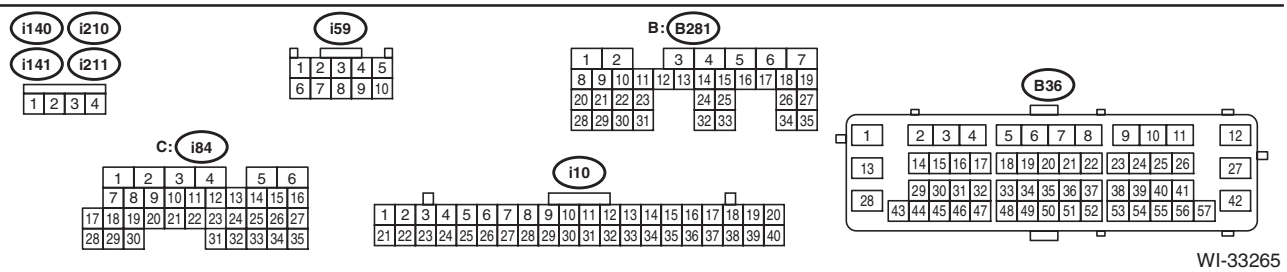

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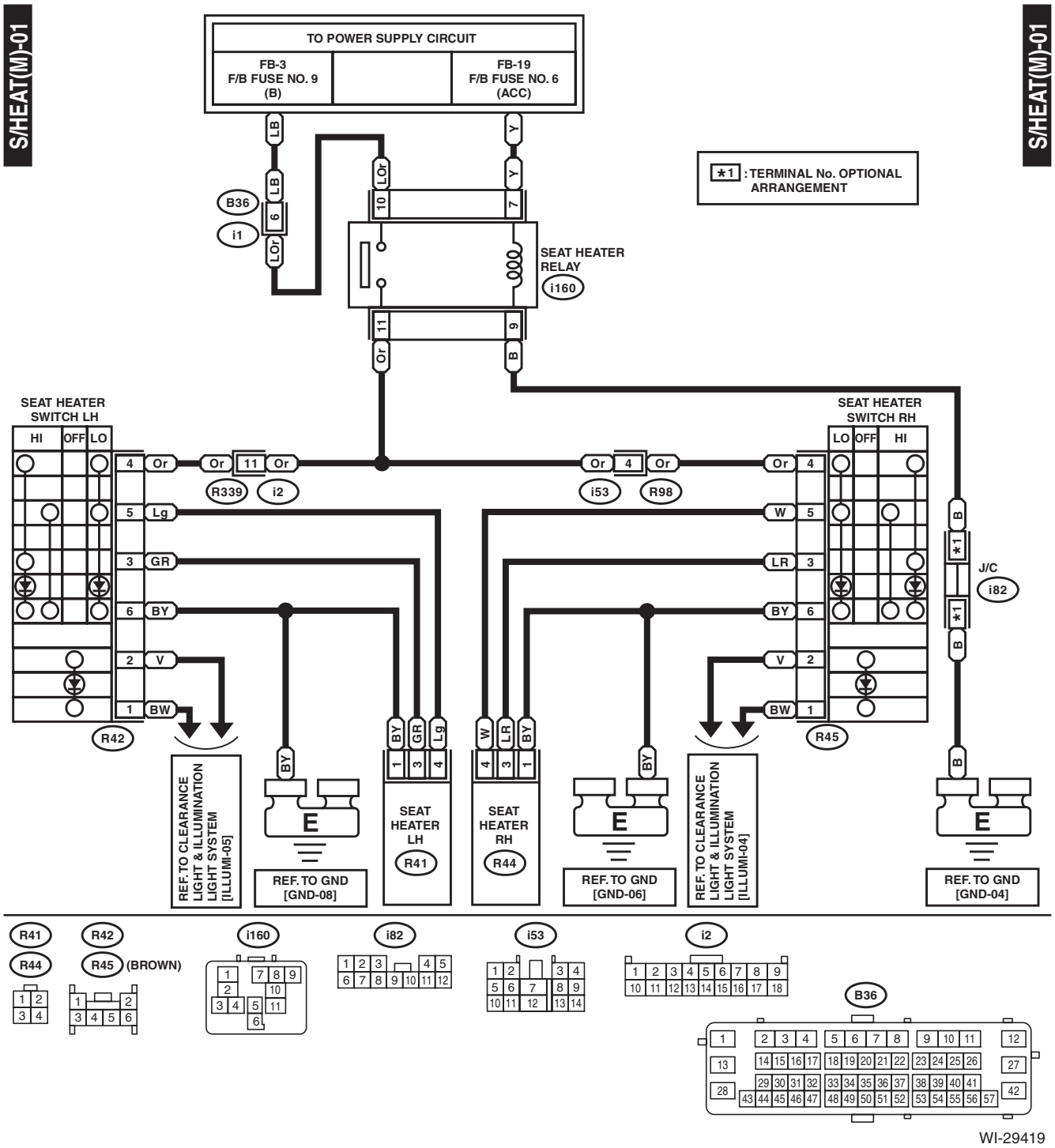
43.Seat Heater System

A: WIRING DIAGRAM

1. MANUAL SEAT MODEL



WI-29419

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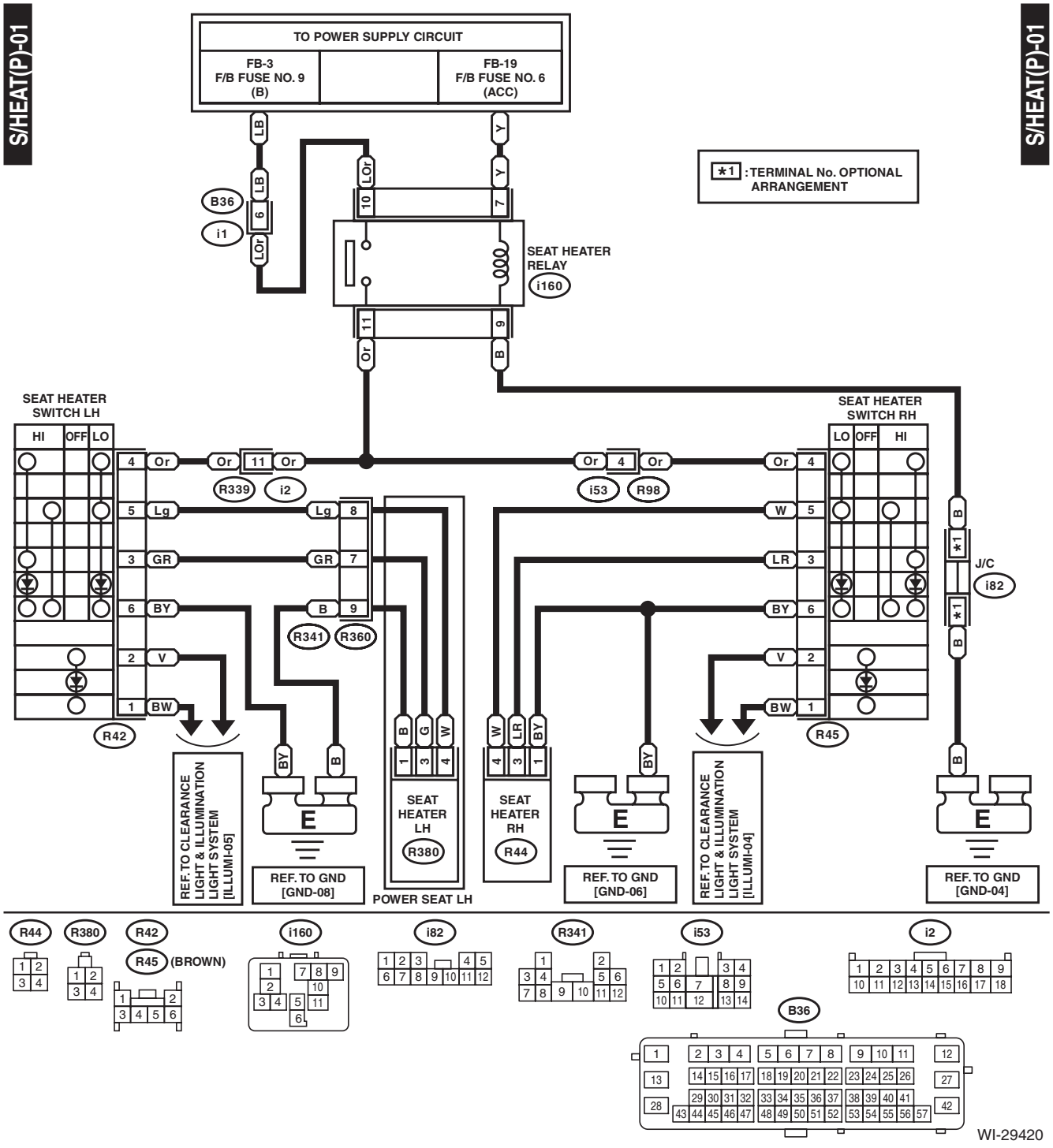
2. MODEL WITH POWER SEATS



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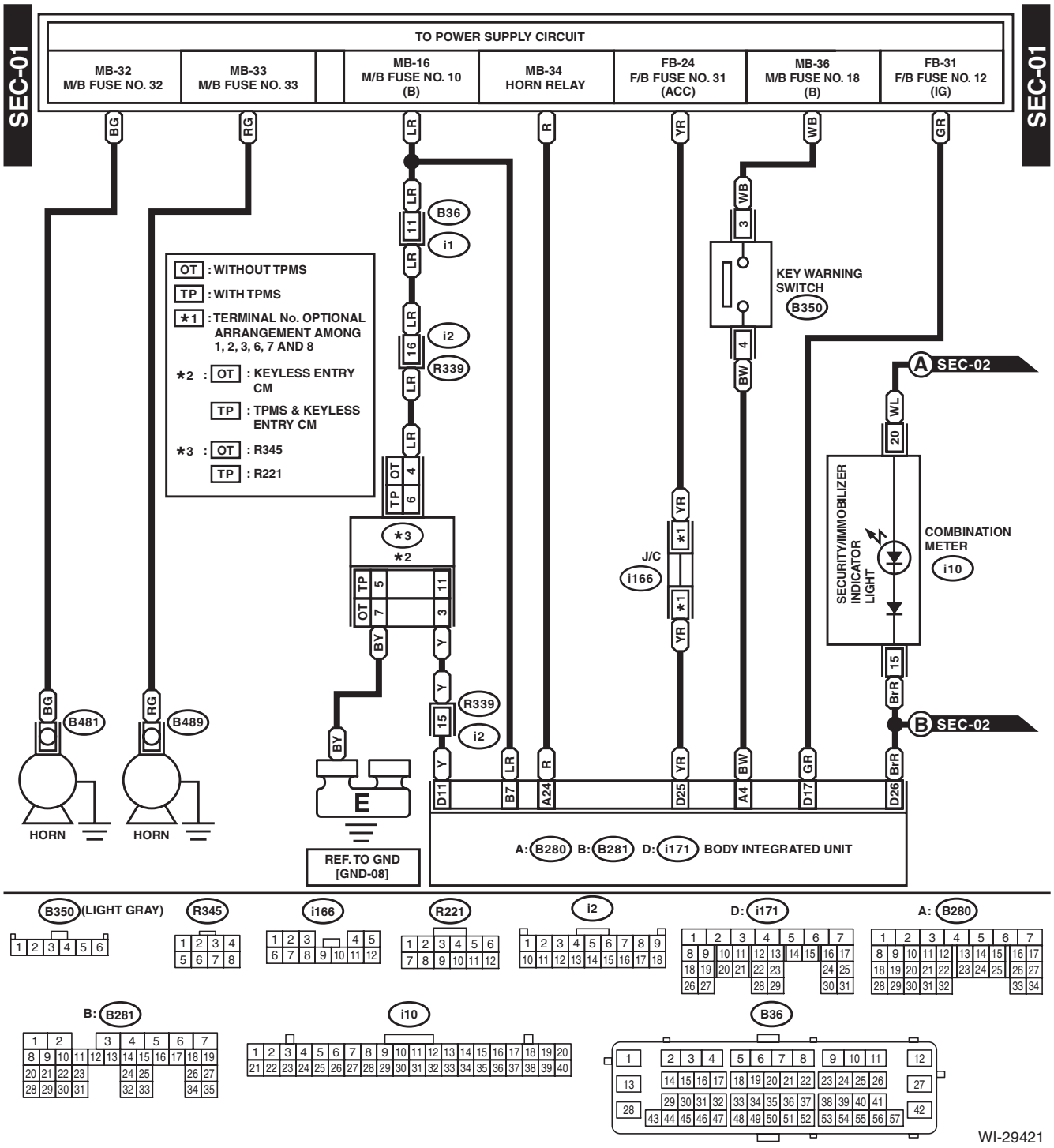
44.Security System

A: WIRING DIAGRAM



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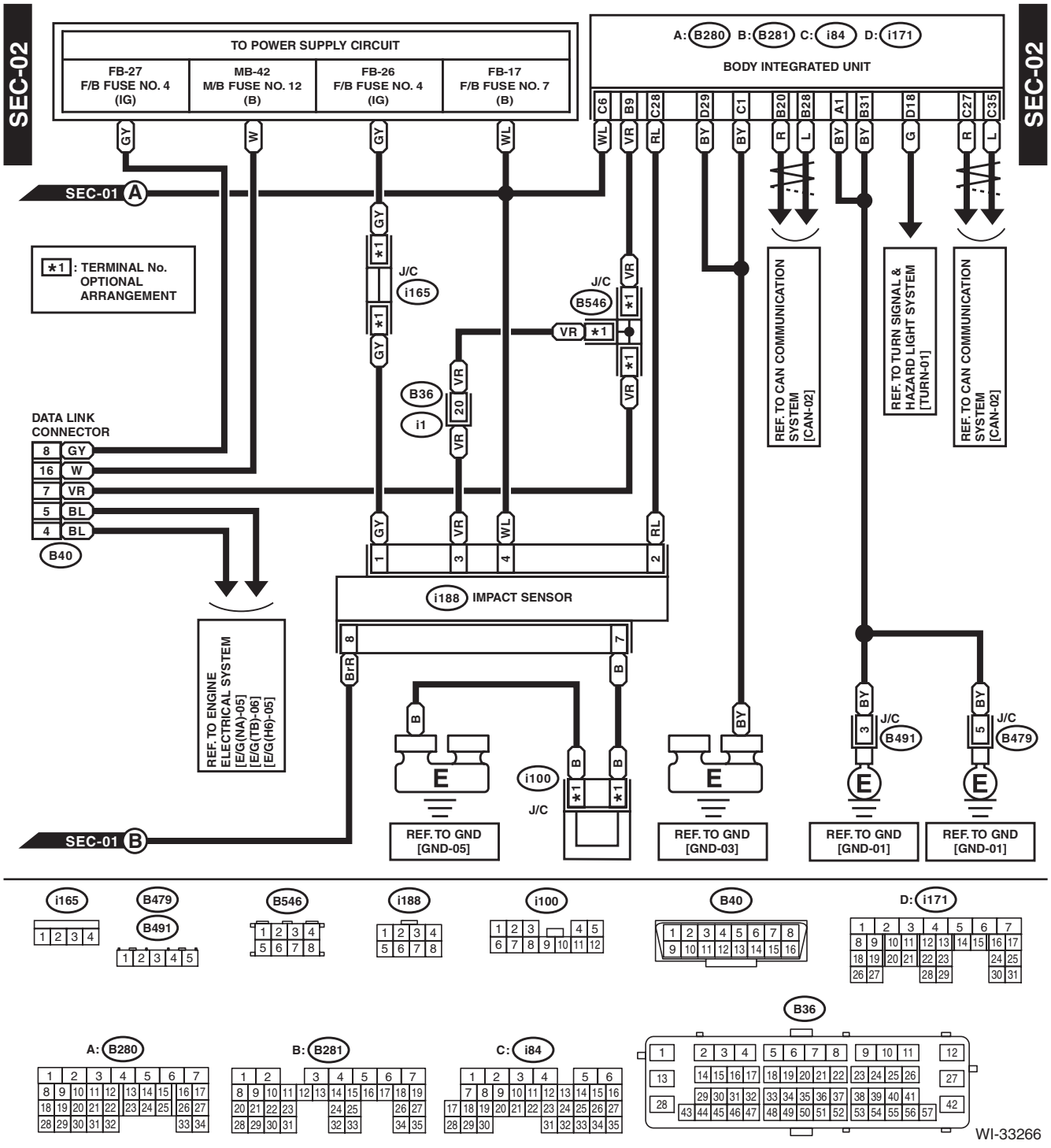
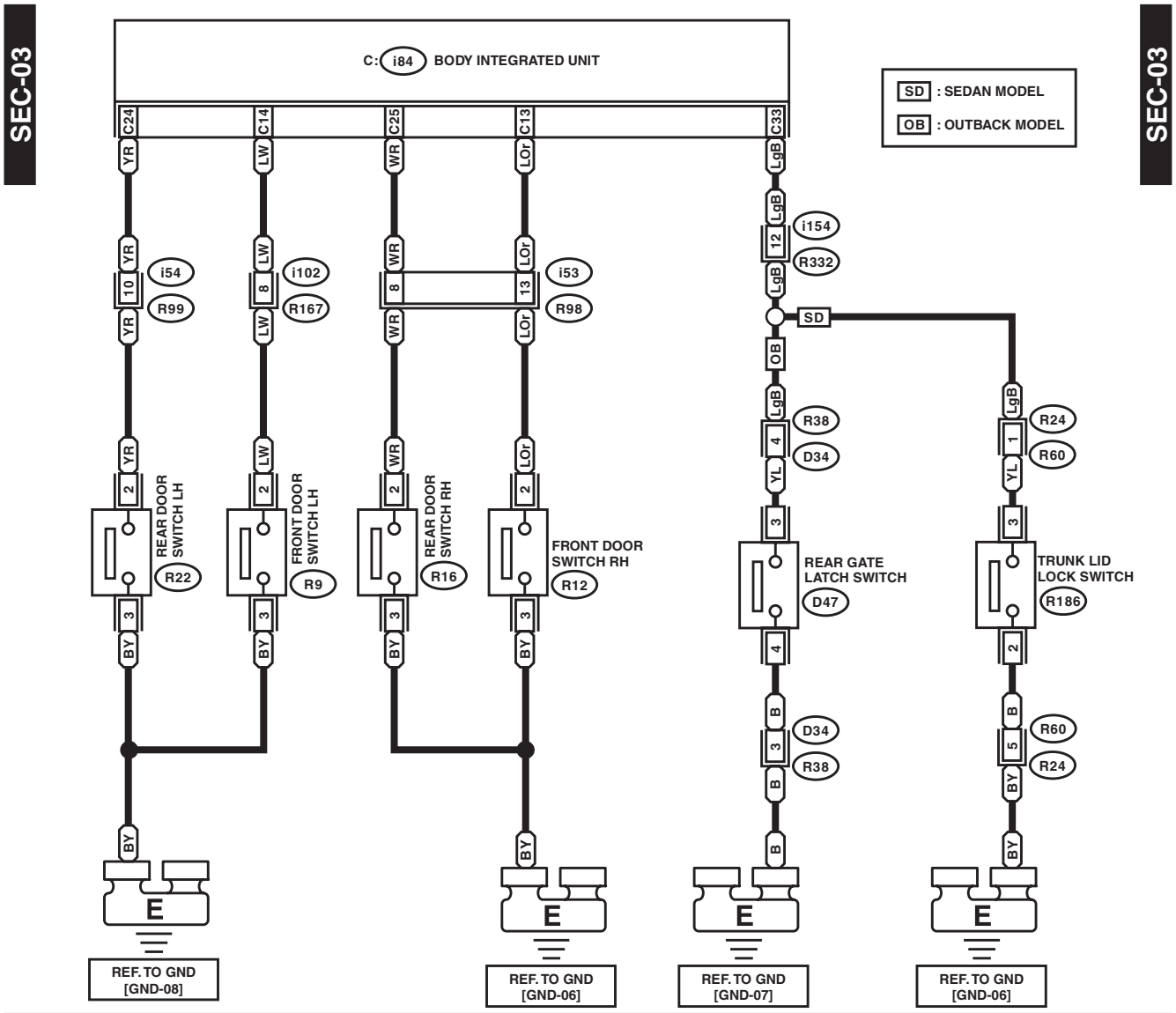
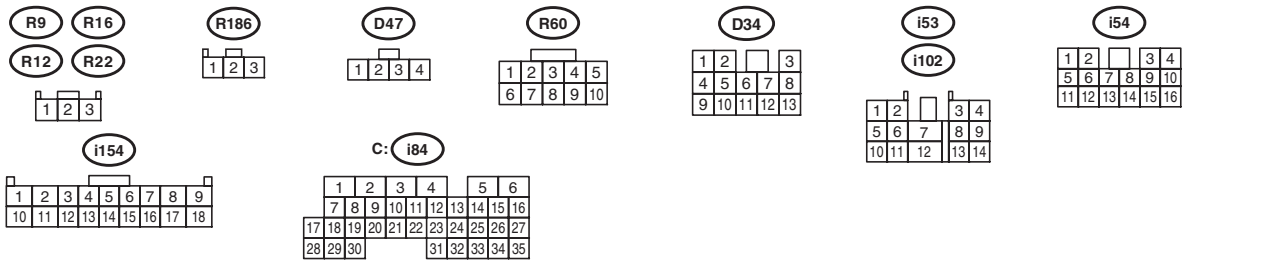


GETtheMANUALS.org





WI-29423

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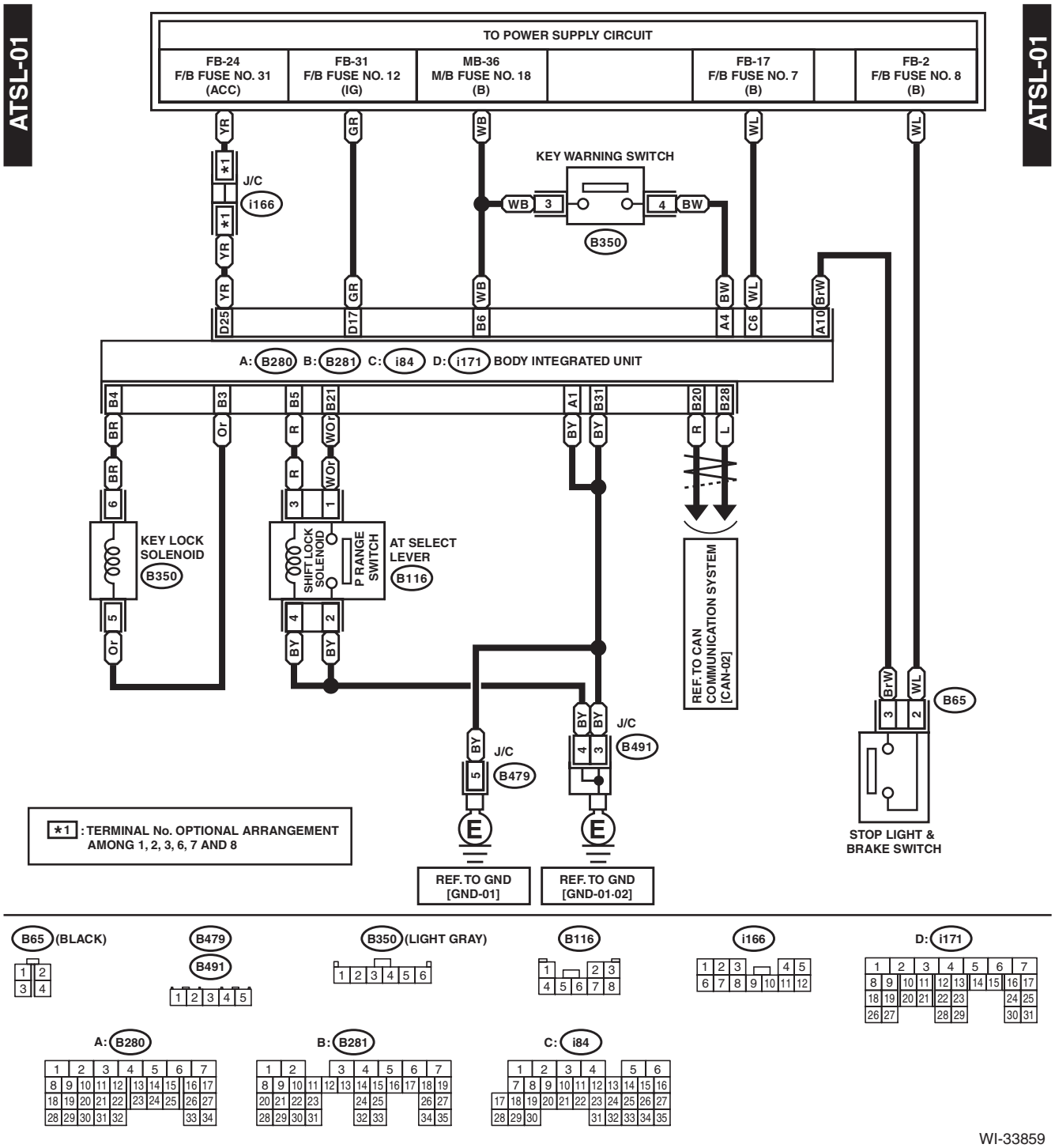
45.Shift Lock Control System

A: WIRING DIAGRAM



WI-33859

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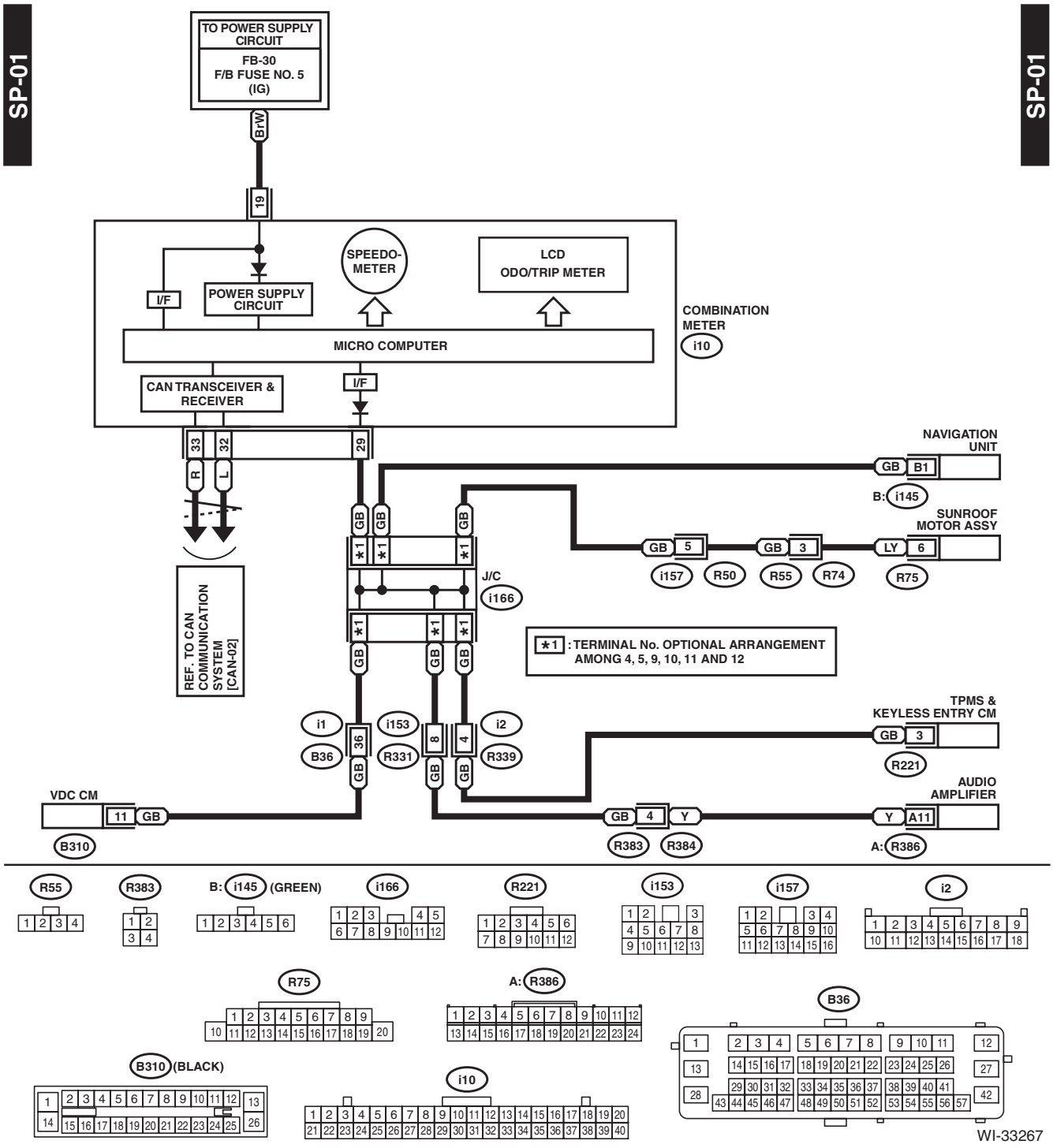
46.Speedometer System

A: WIRING DIAGRAM



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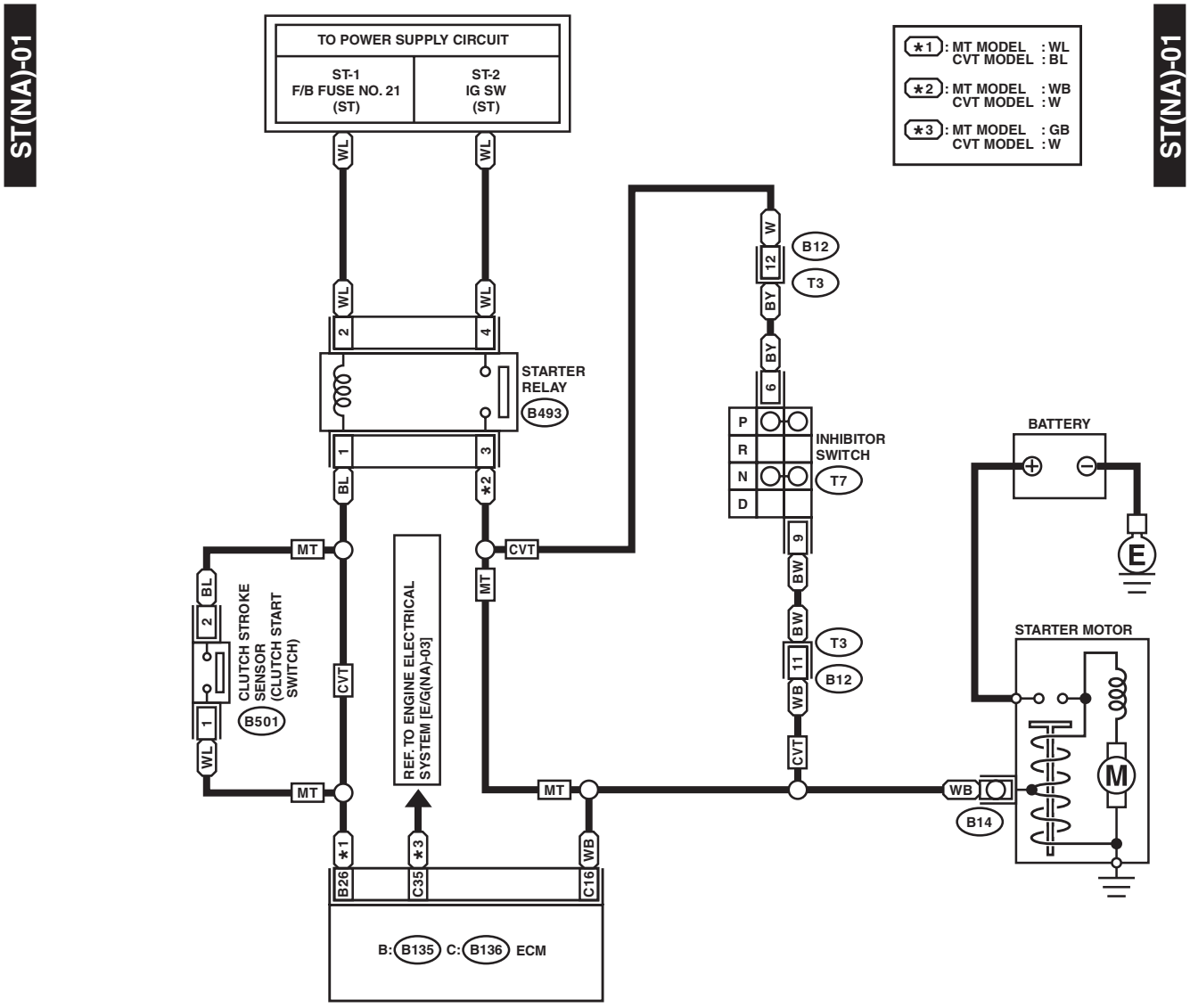
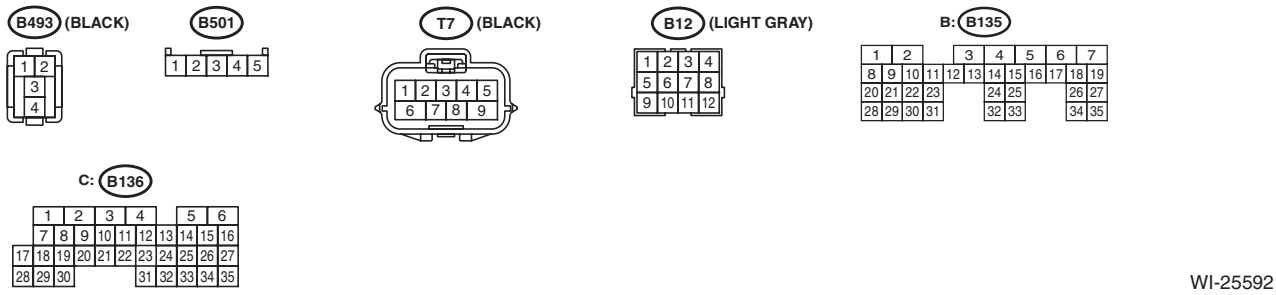
47.Starter System

A: WIRING DIAGRAM

1. 2.5 L NON-TURBO MODEL

ST(NA)-01





WI-25592

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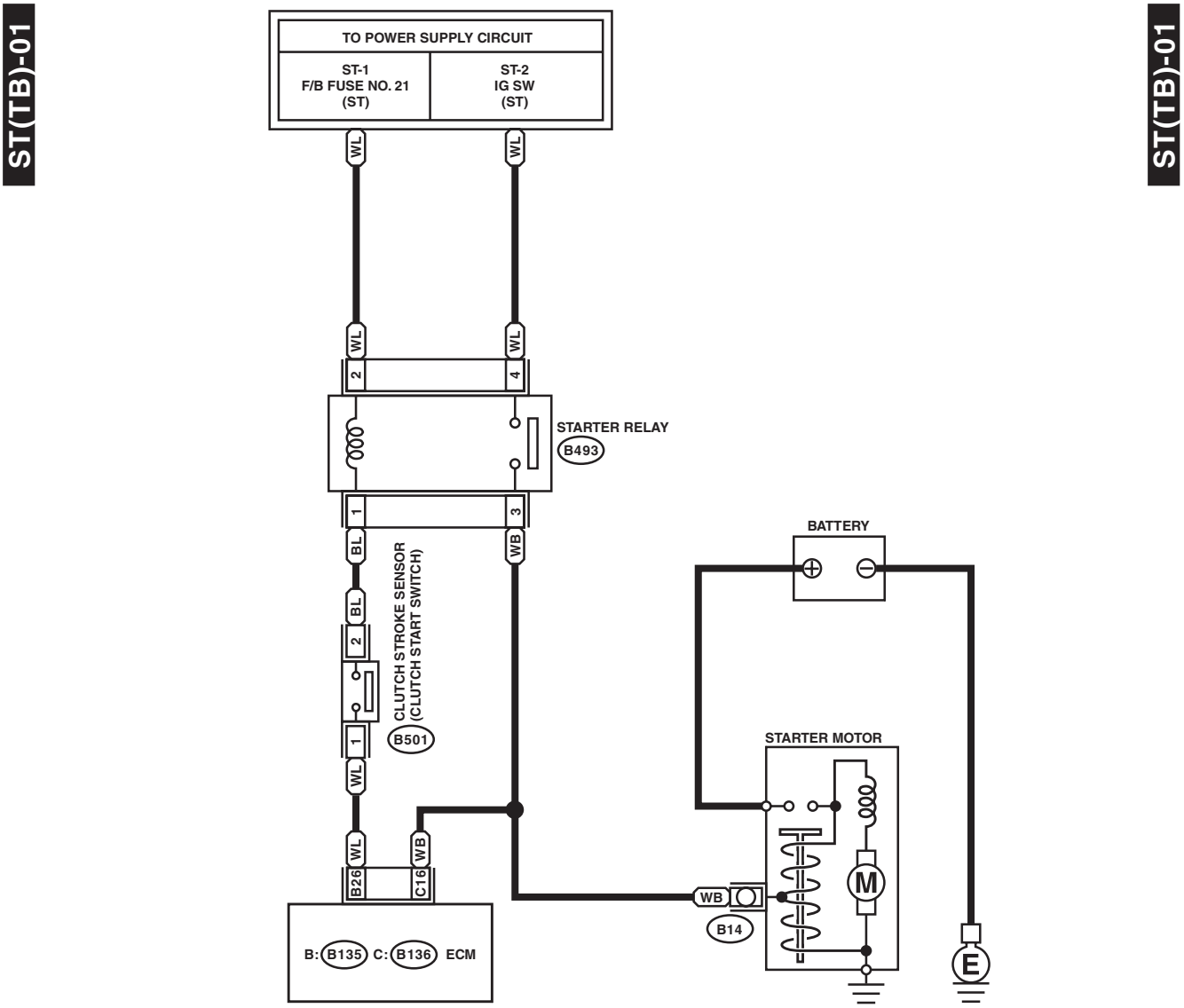
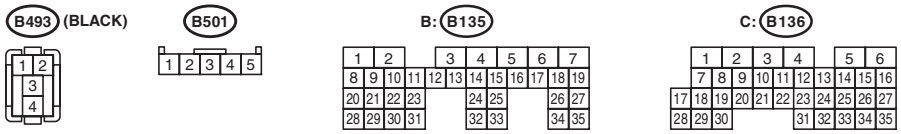
2. 2.5 L TURBO MODEL

ST(TB)-01





WI-25593

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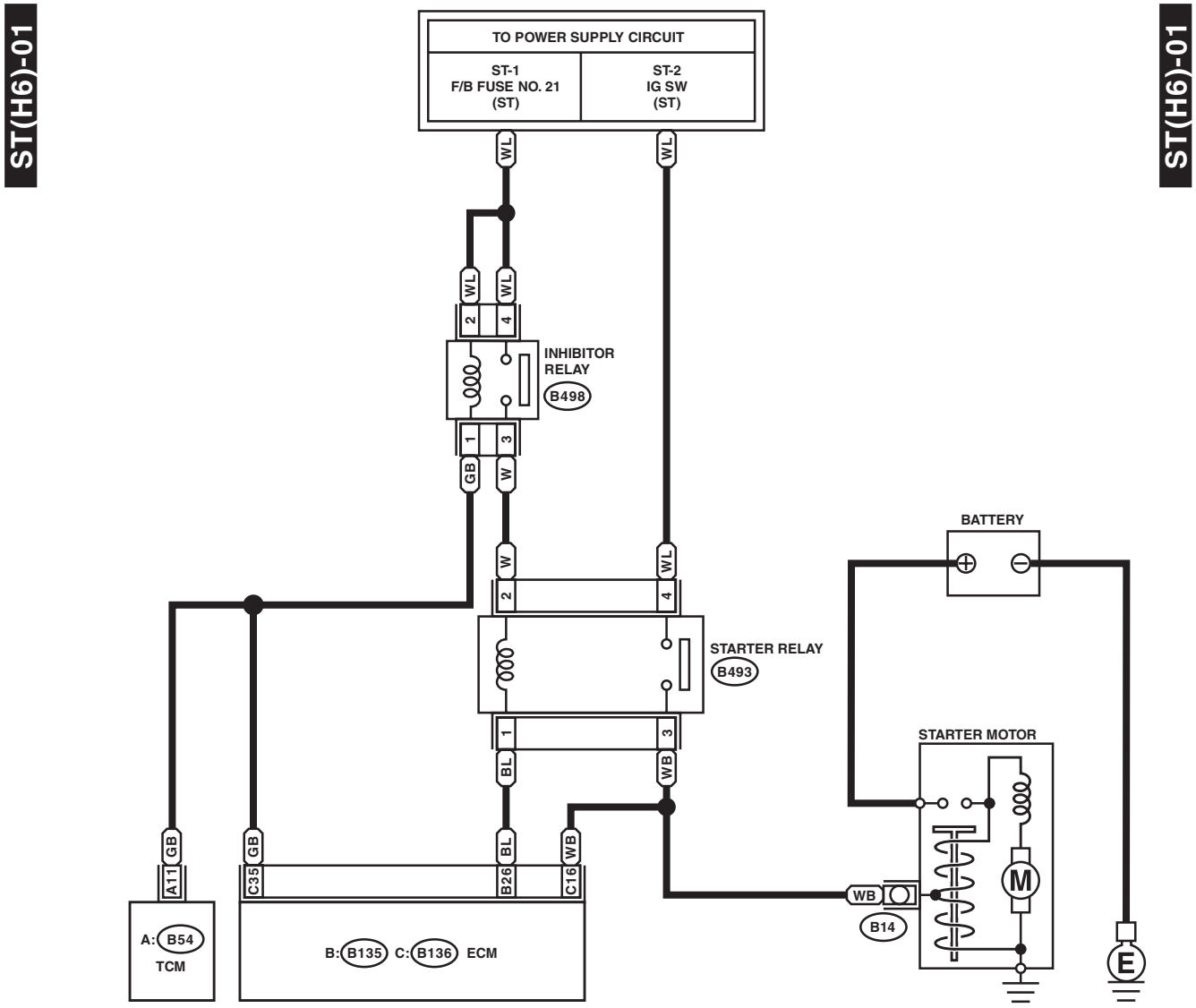
3. 3.6 L MODEL



WI-25594

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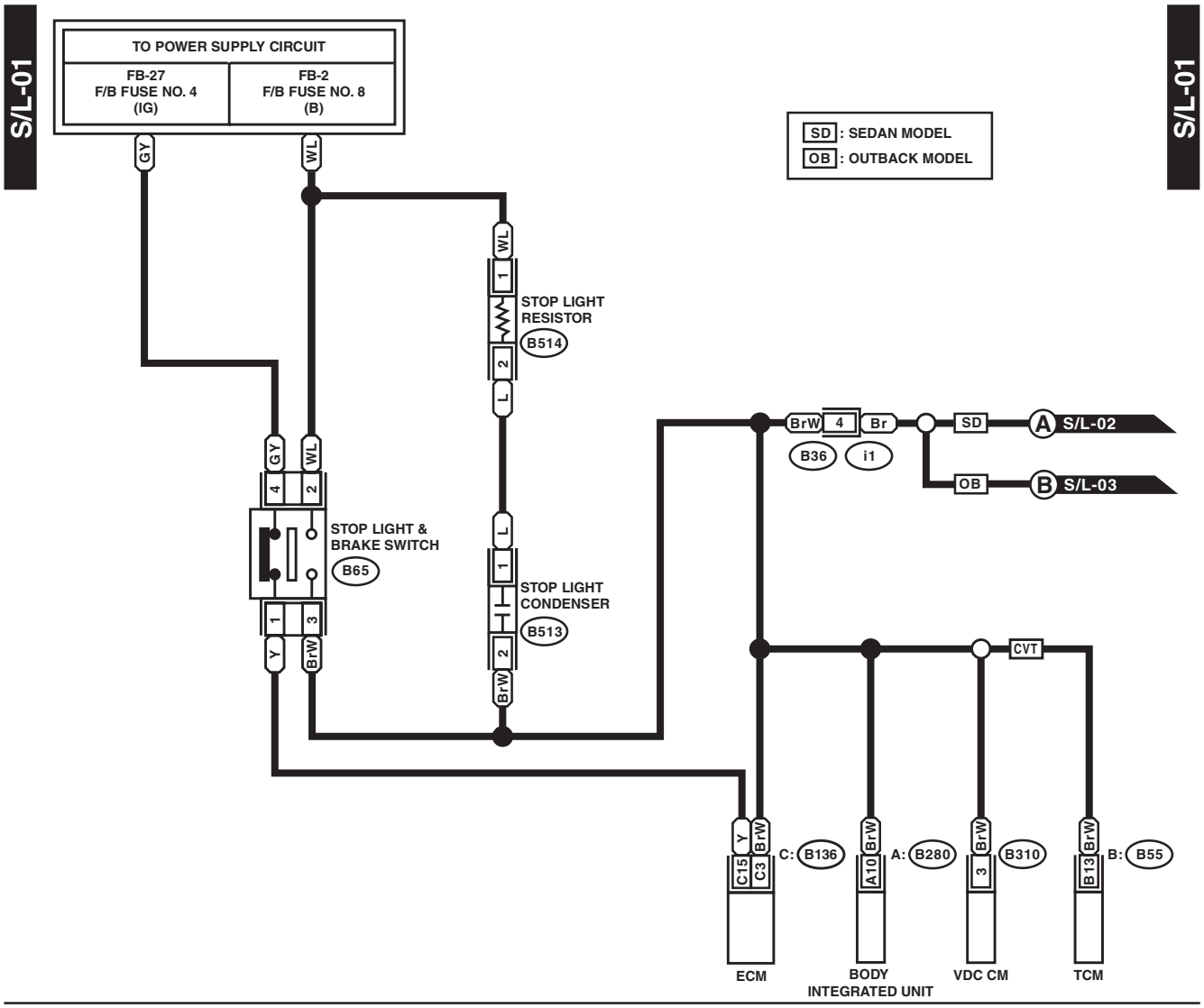
48.Stop Light System

A: WIRING DIAGRAM



WI-33860

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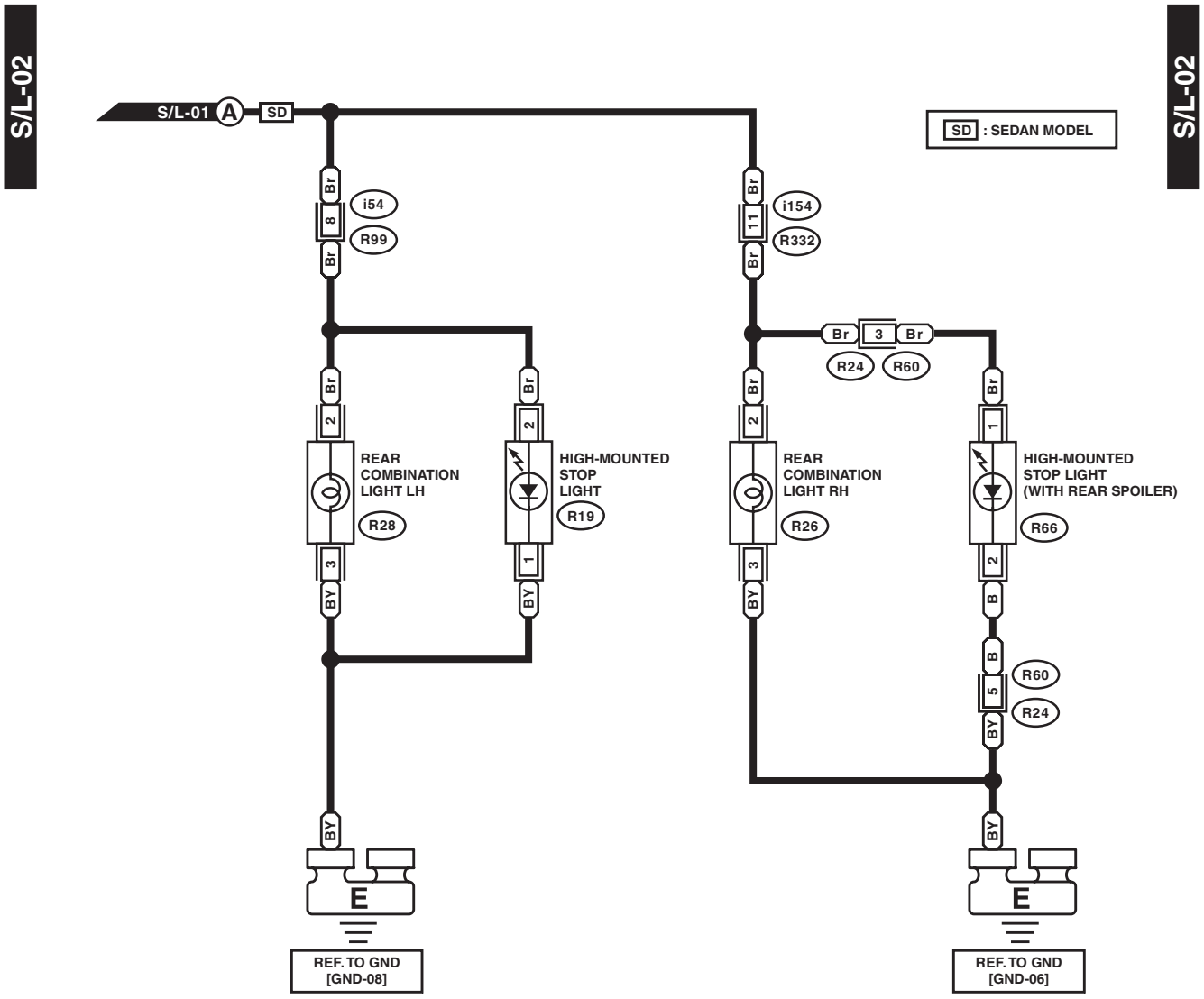
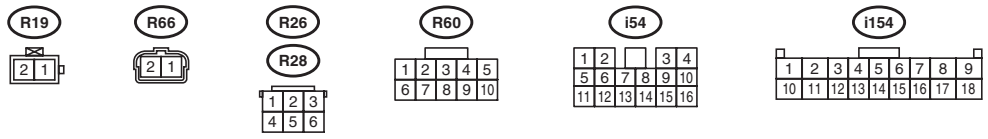
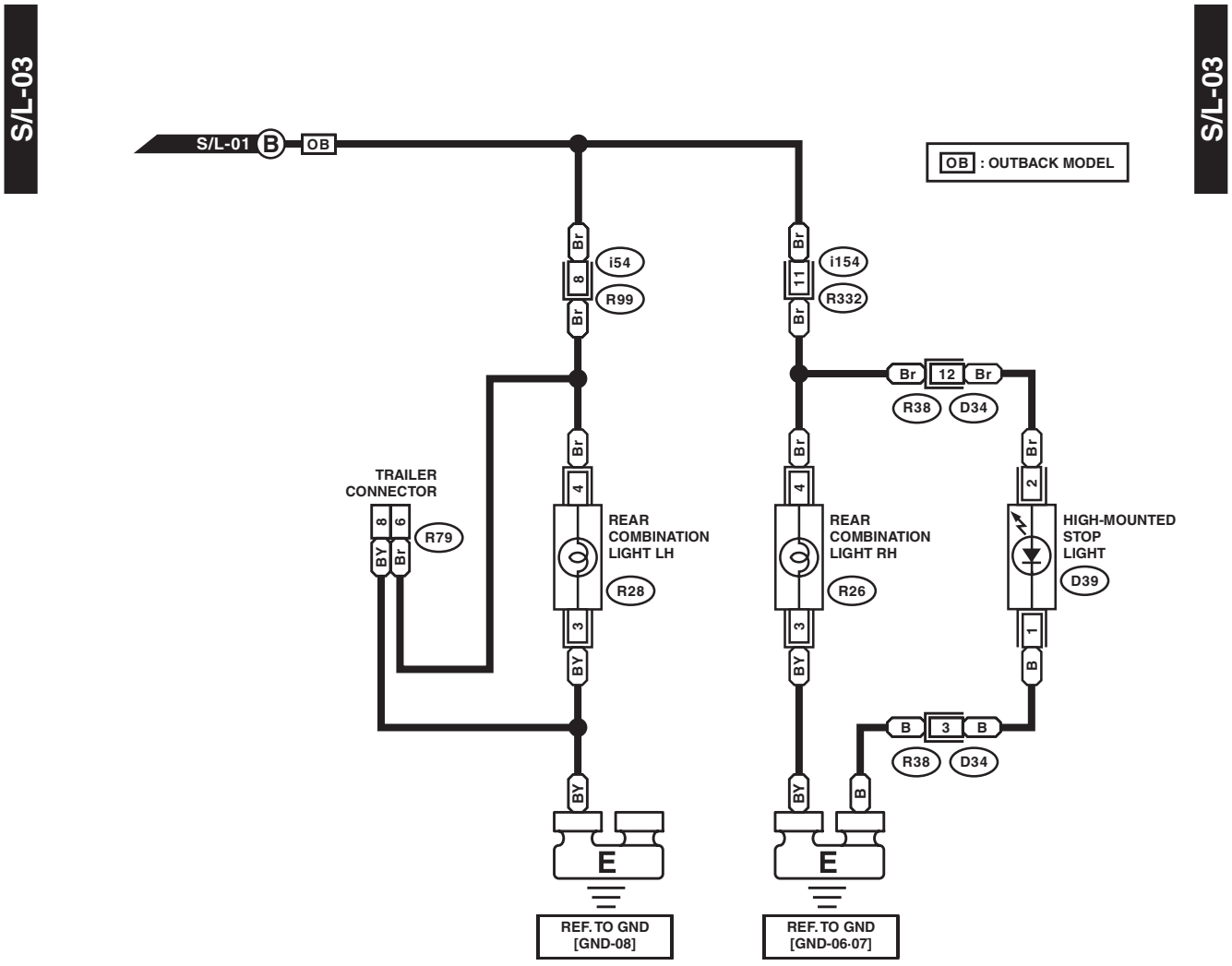
Stop Light System

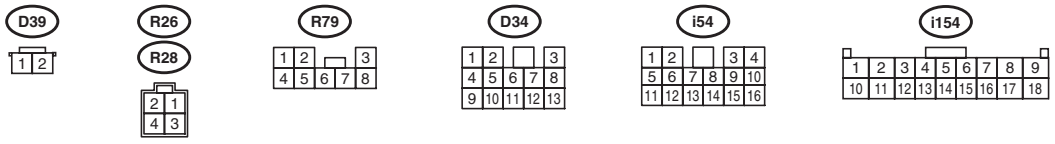




WI-29426

GETtheMANUALS.org





WI-29427

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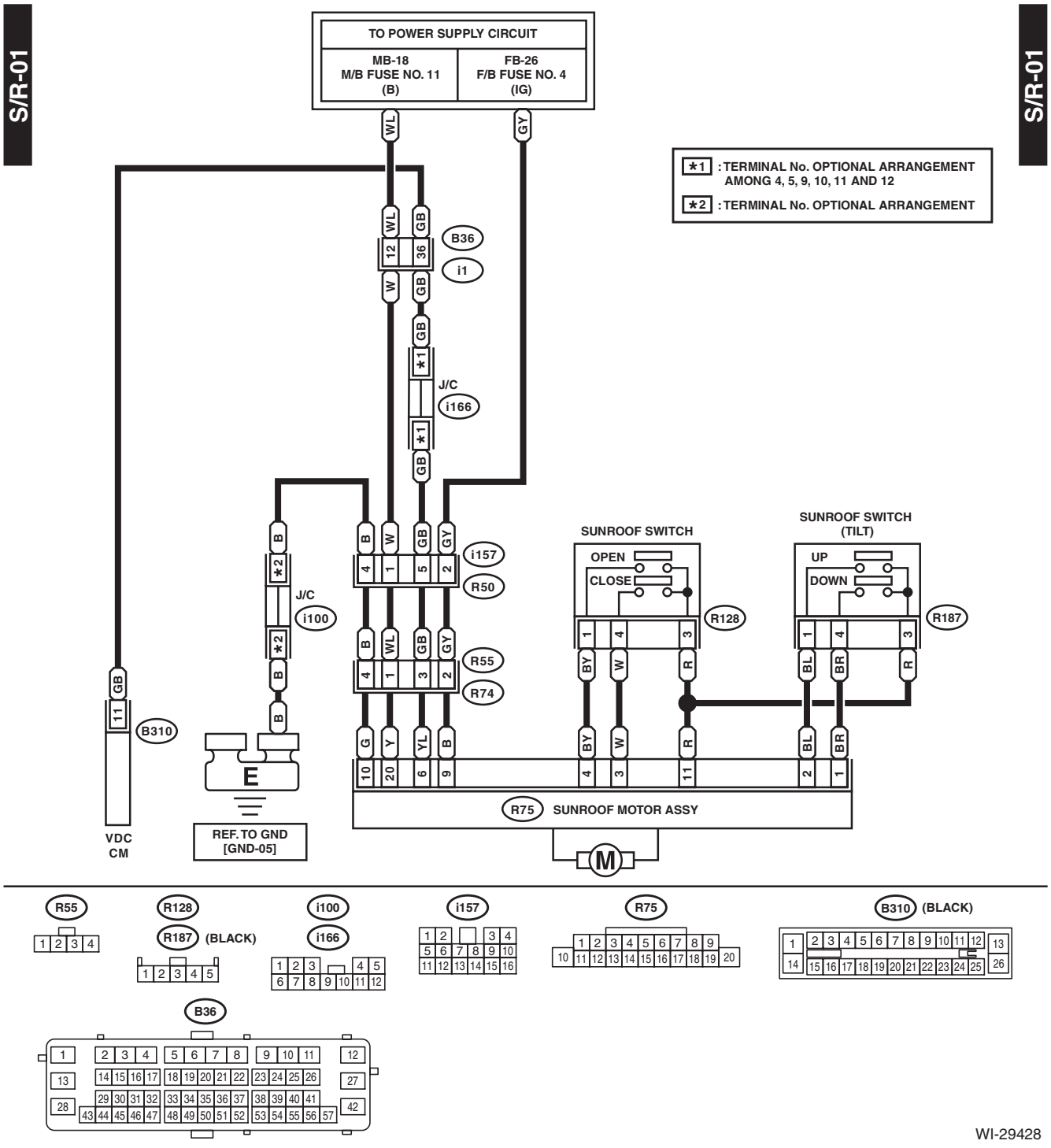
49.Sunroof Control System

A: WIRING DIAGRAM



WI-29428

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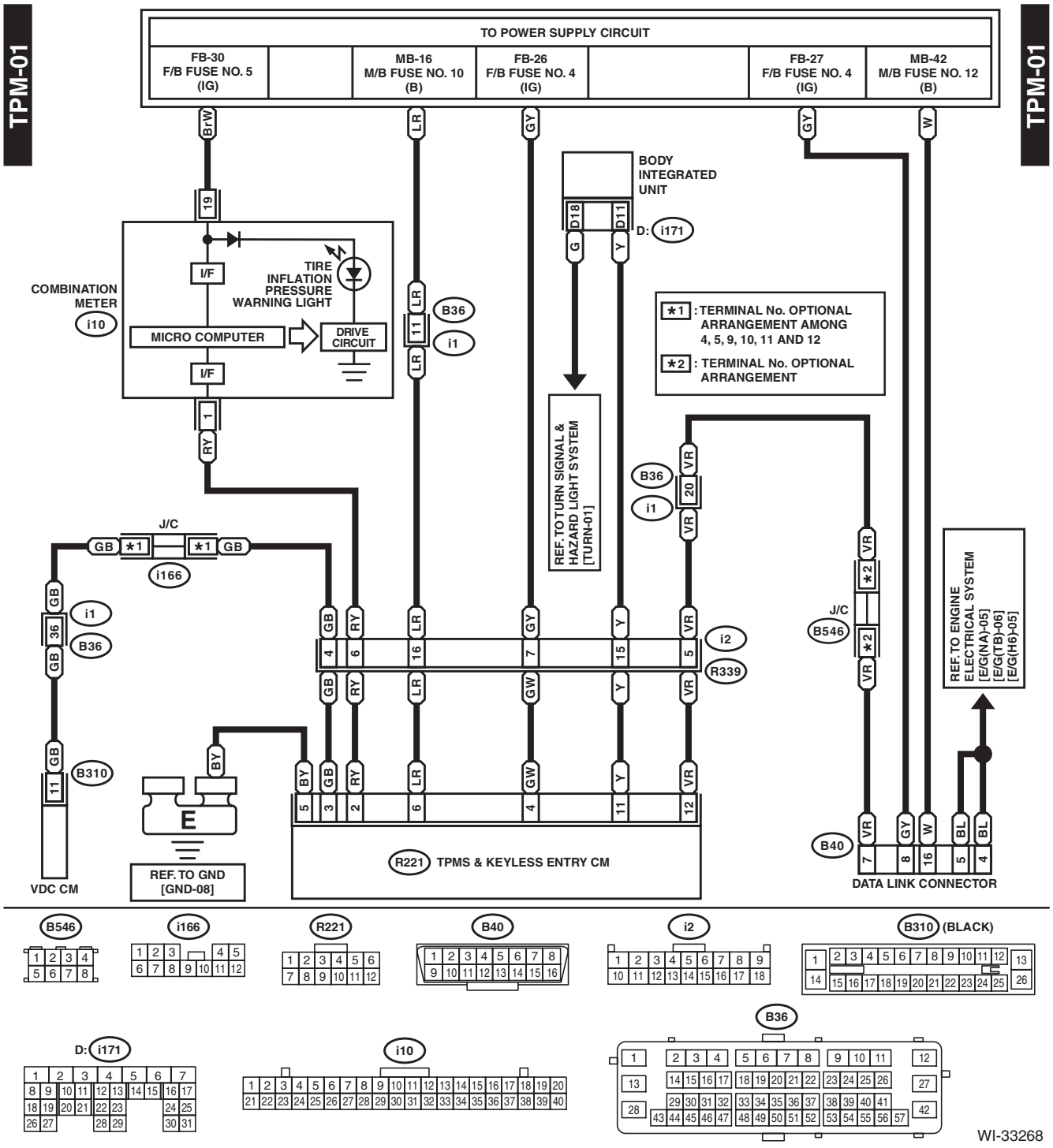
50.Tire Pressure Monitoring System

A: WIRING DIAGRAM



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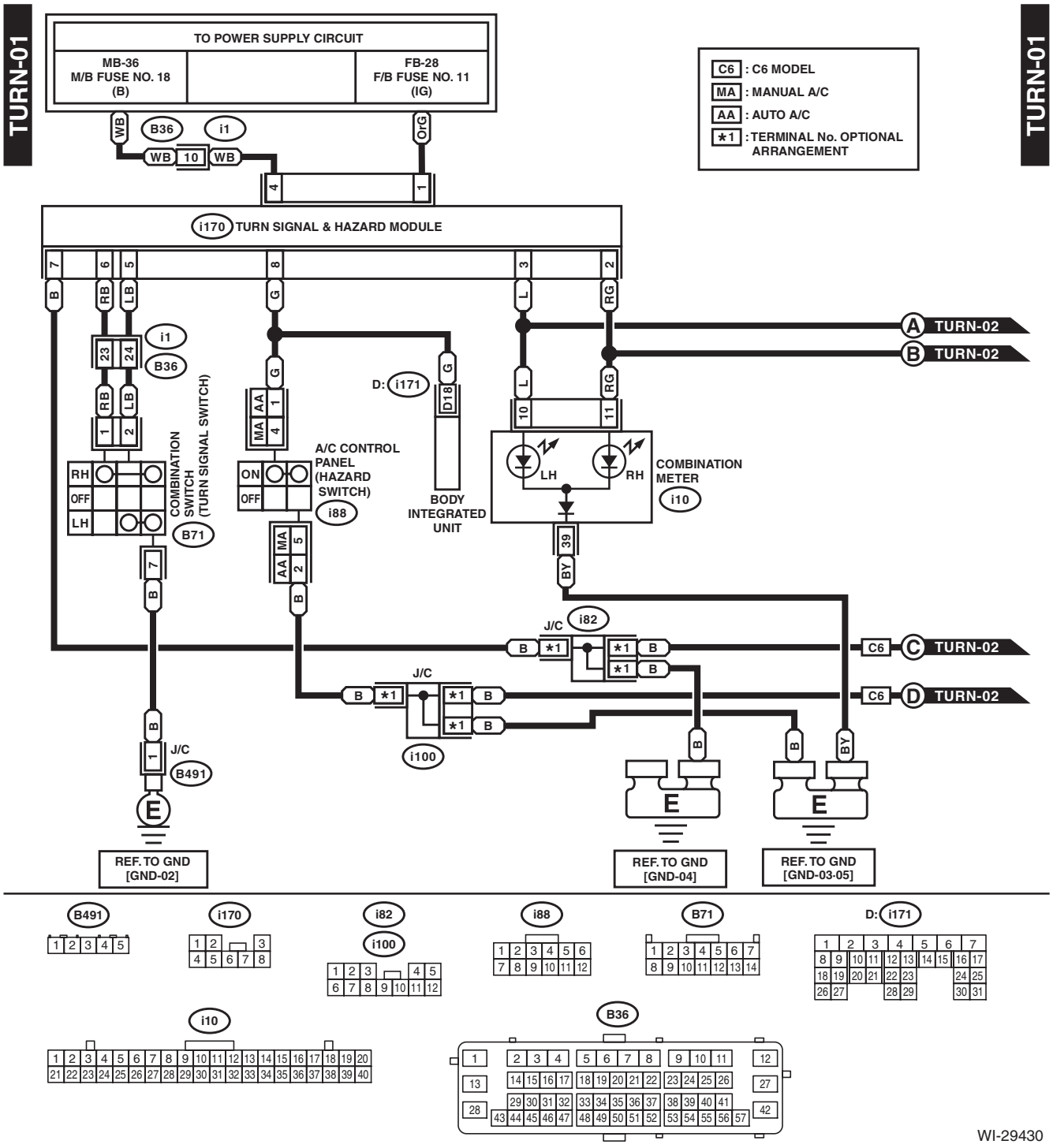
51.Turn Signal Light and Hazard Light System

A: WIRING DIAGRAM



WI-29430

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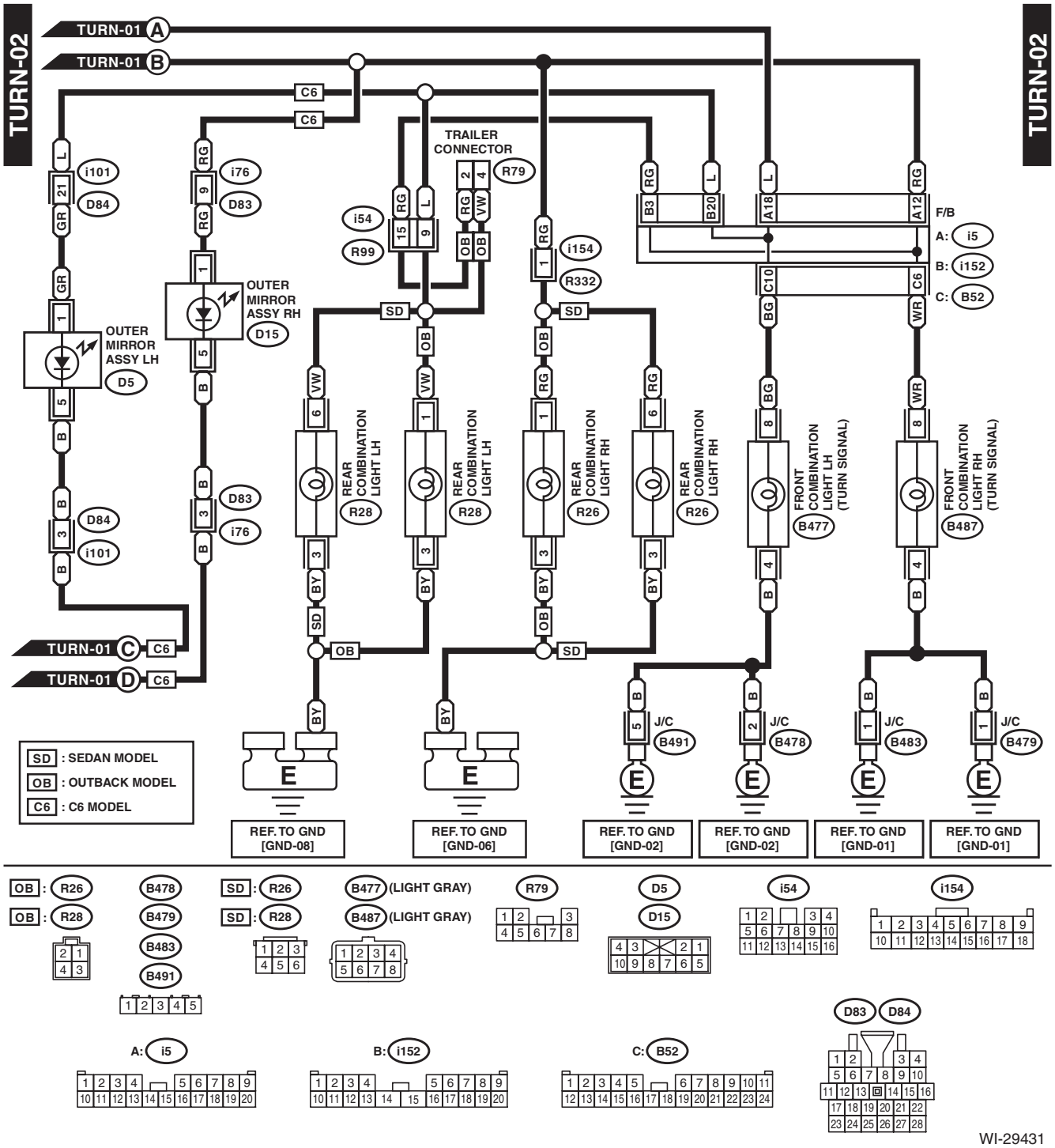

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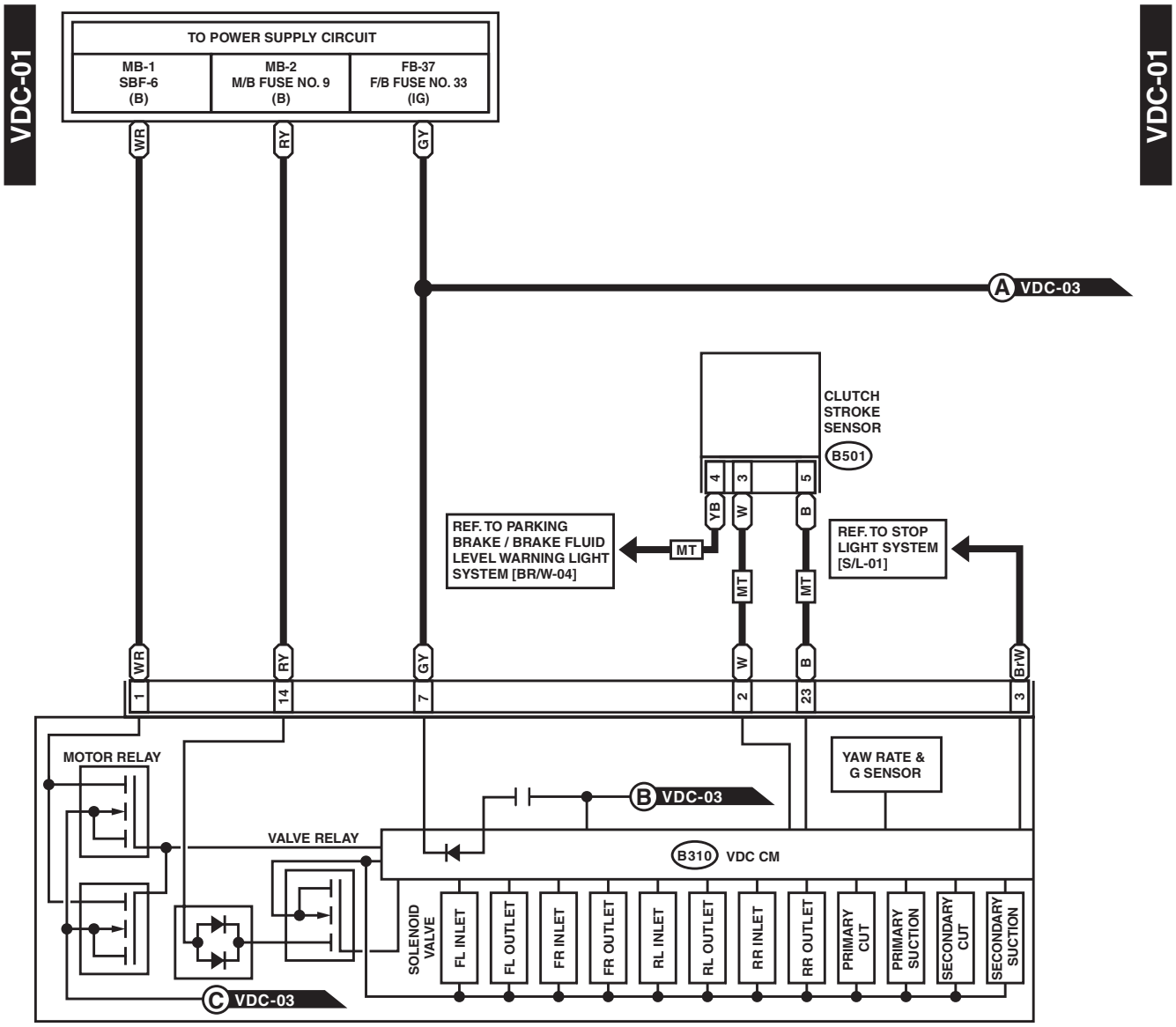
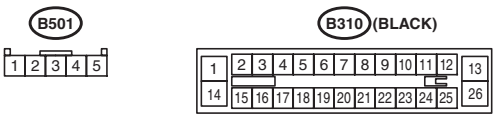
52. Vehicle Dynamics Control System

A: WIRING DIAGRAM





WI-25602

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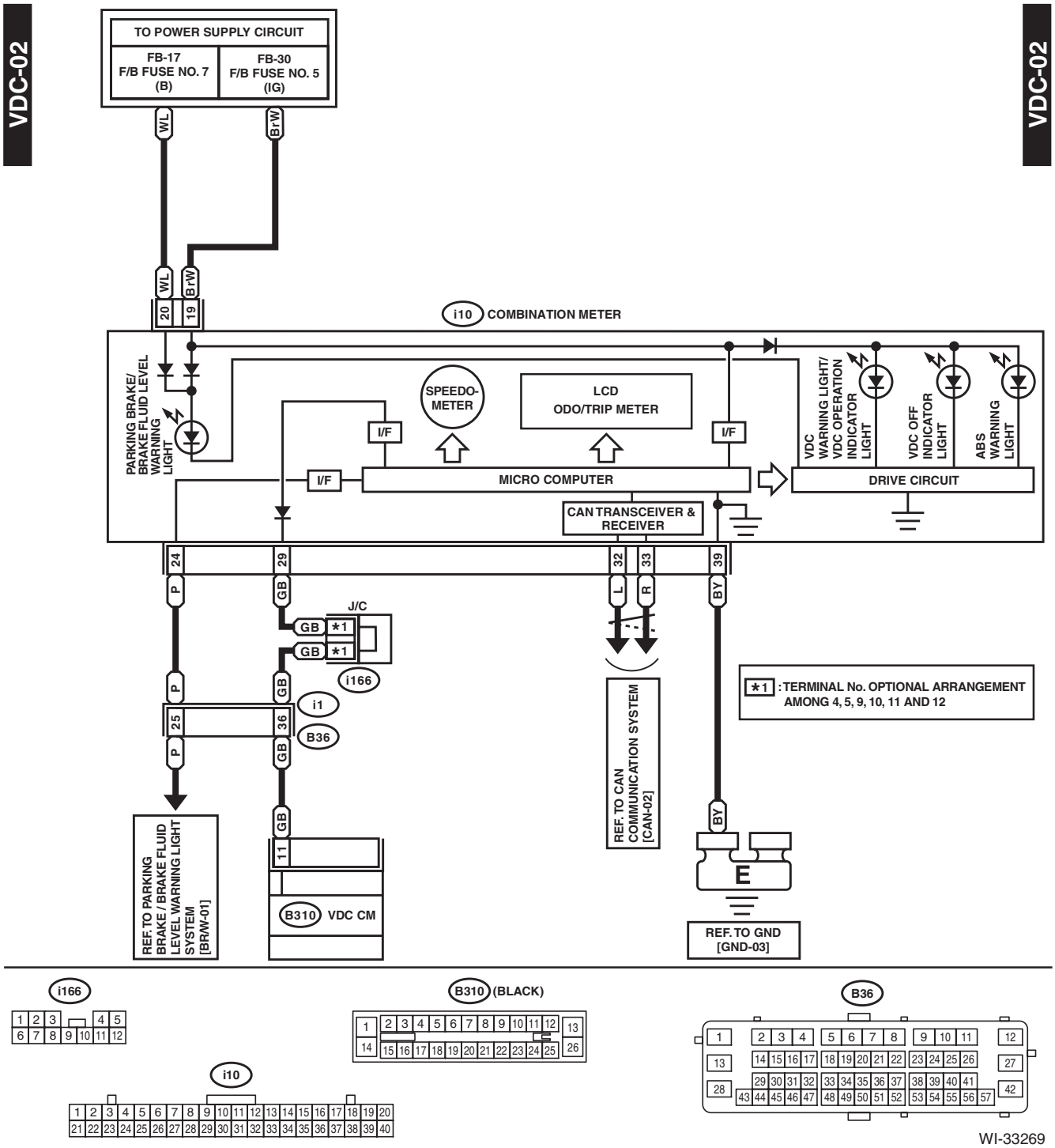

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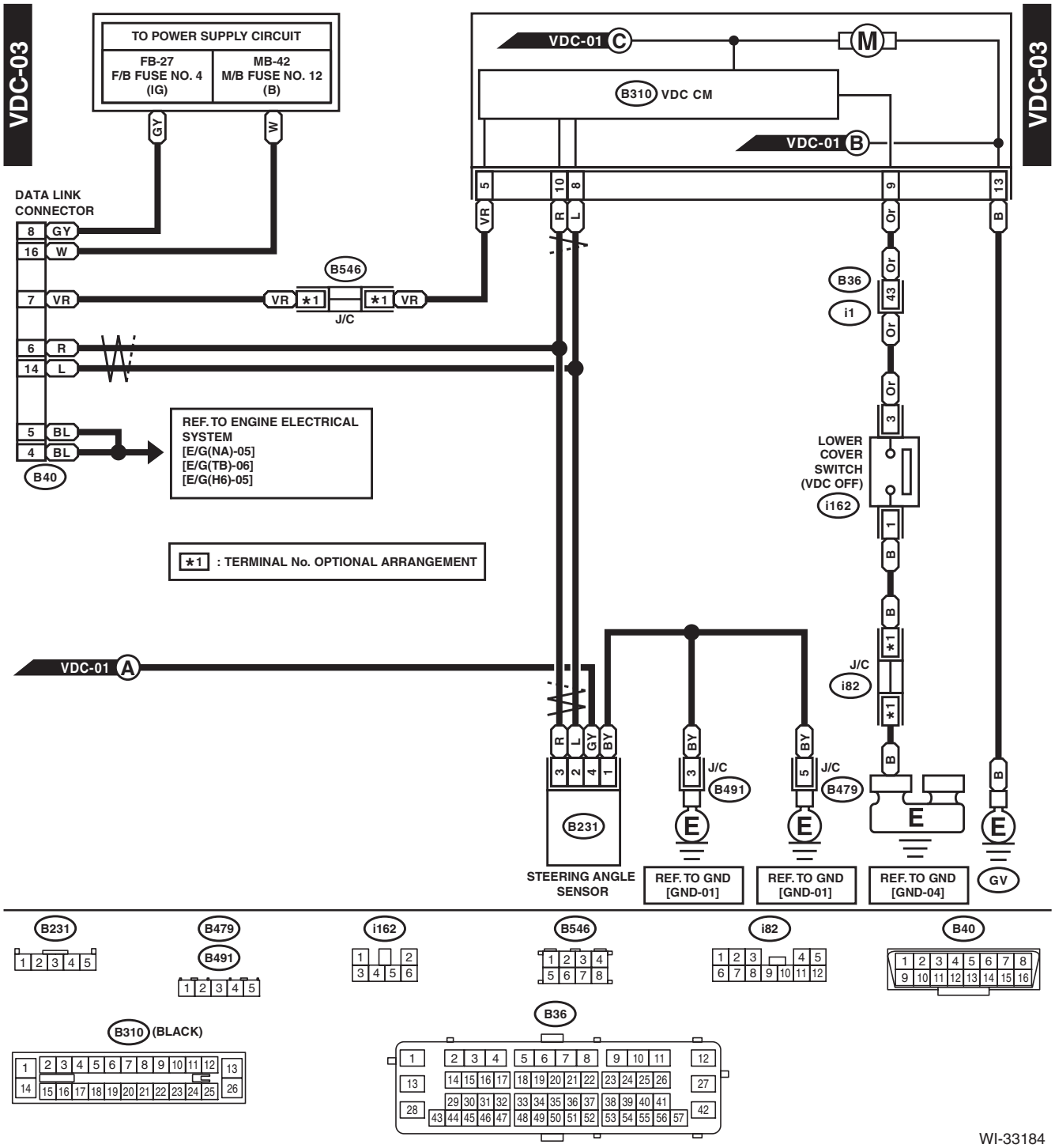

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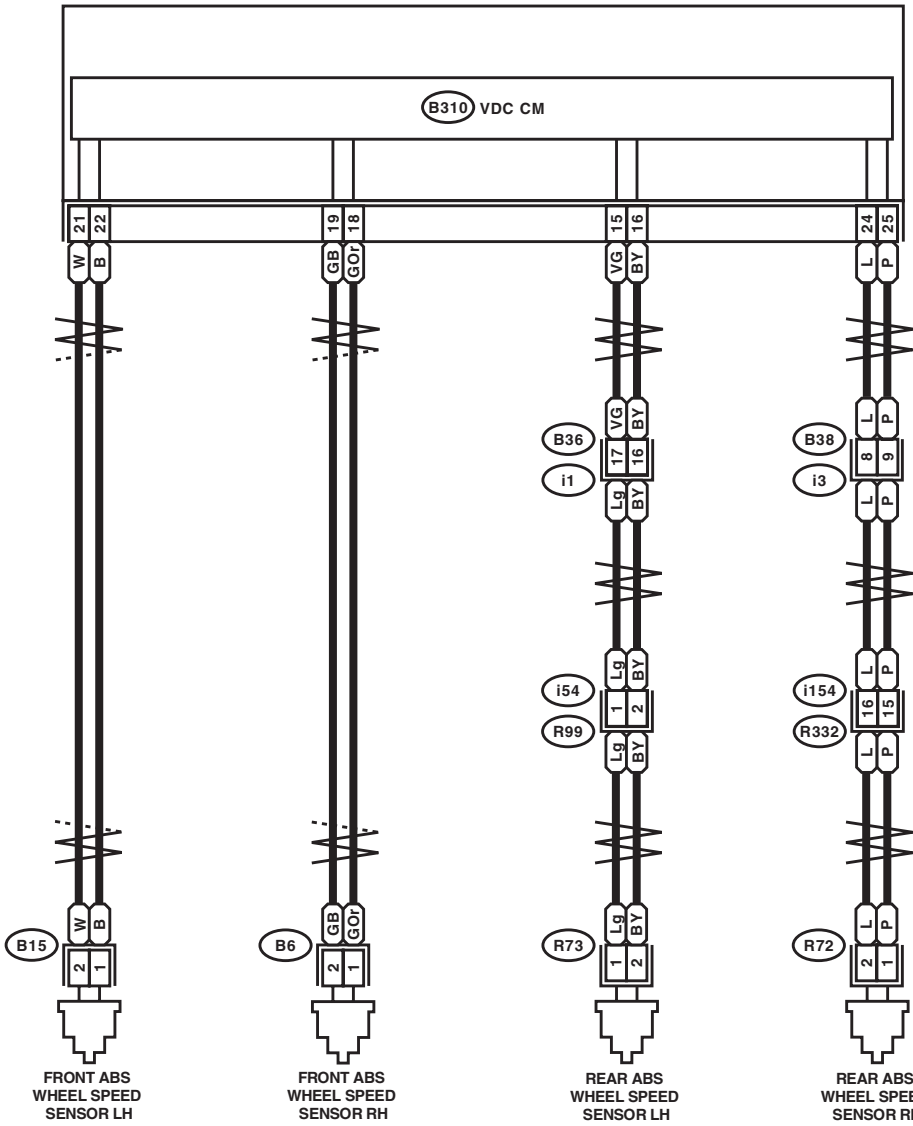
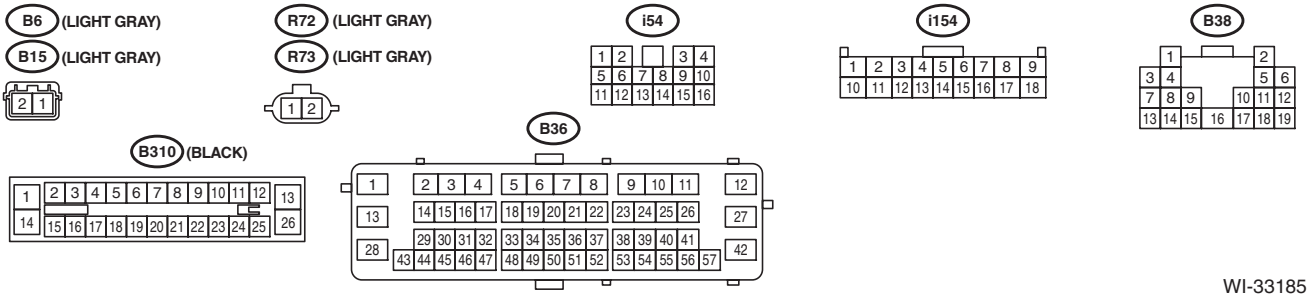
VDC-04





WI-33185

VDC-04

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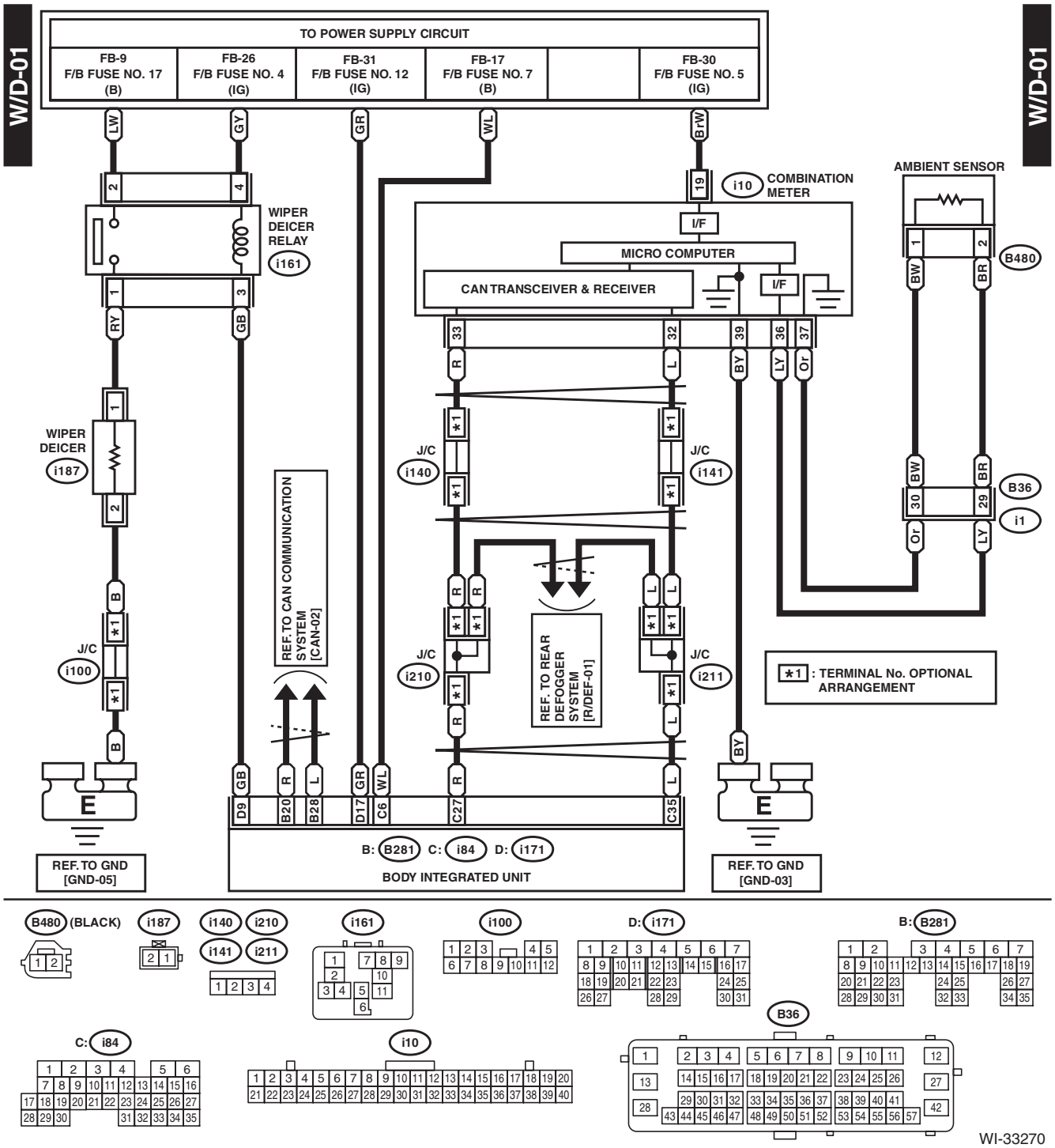
53. Wiper Deicer System

A: WIRING DIAGRAM



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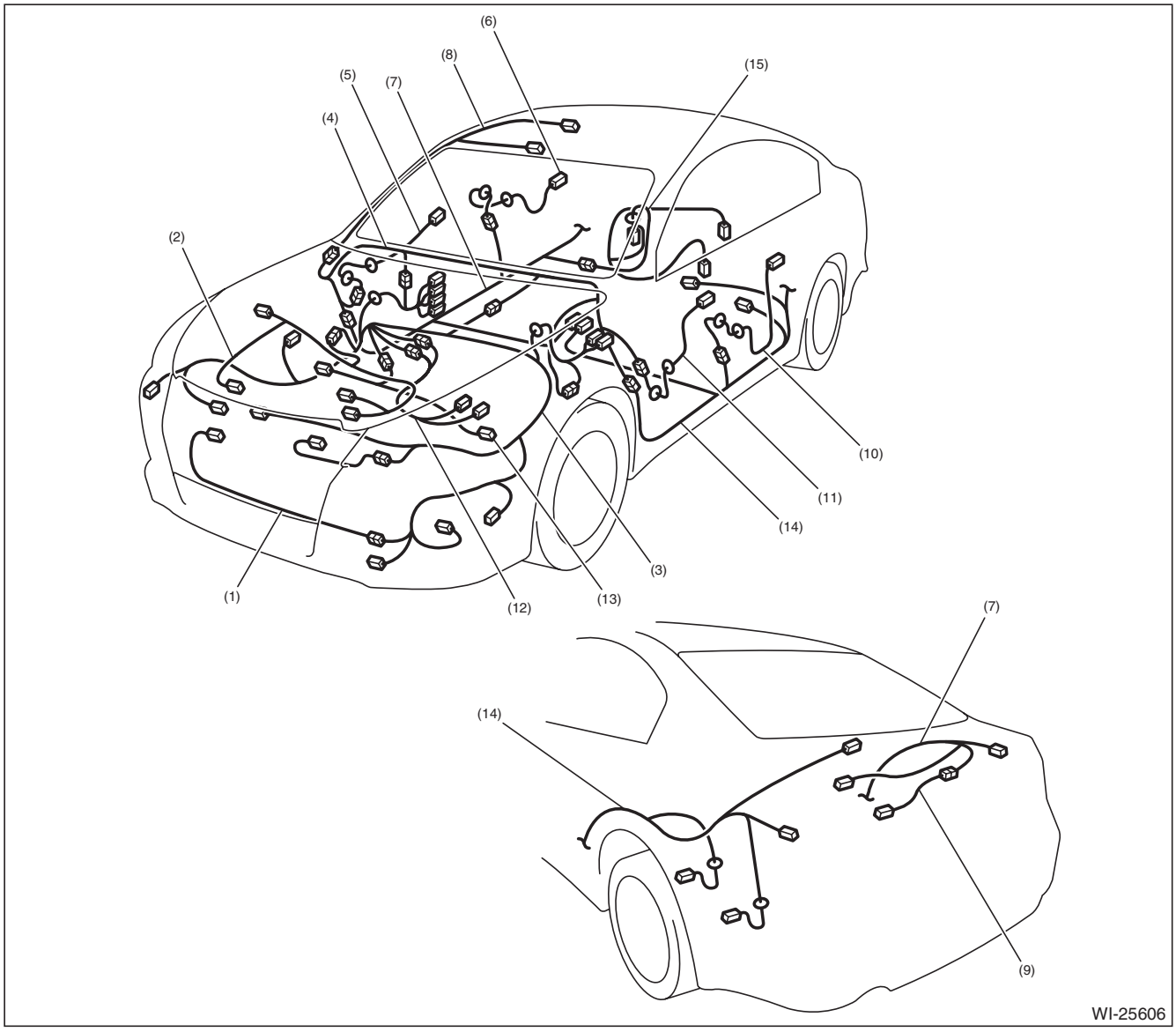
54.Harness Components Location

A: LOCATION

1. SEDAN MODEL



(1) Front wiring harness
(2) Engine wiring harness
(3) Bulkhead wiring harness
(4) Instrument panel wiring harness
(5) Front door cord RH
(6) Rear door cord RH
(7) Rear wiring harness RH
(8) Roof cord
(9) Trunk lid cord
(10) Rear door cord LH
(11) Front door cord LH
(12) Transmission cord
(13) Oxygen sensor cord
(14) Rear wiring harness LH
(15) Fuel cord

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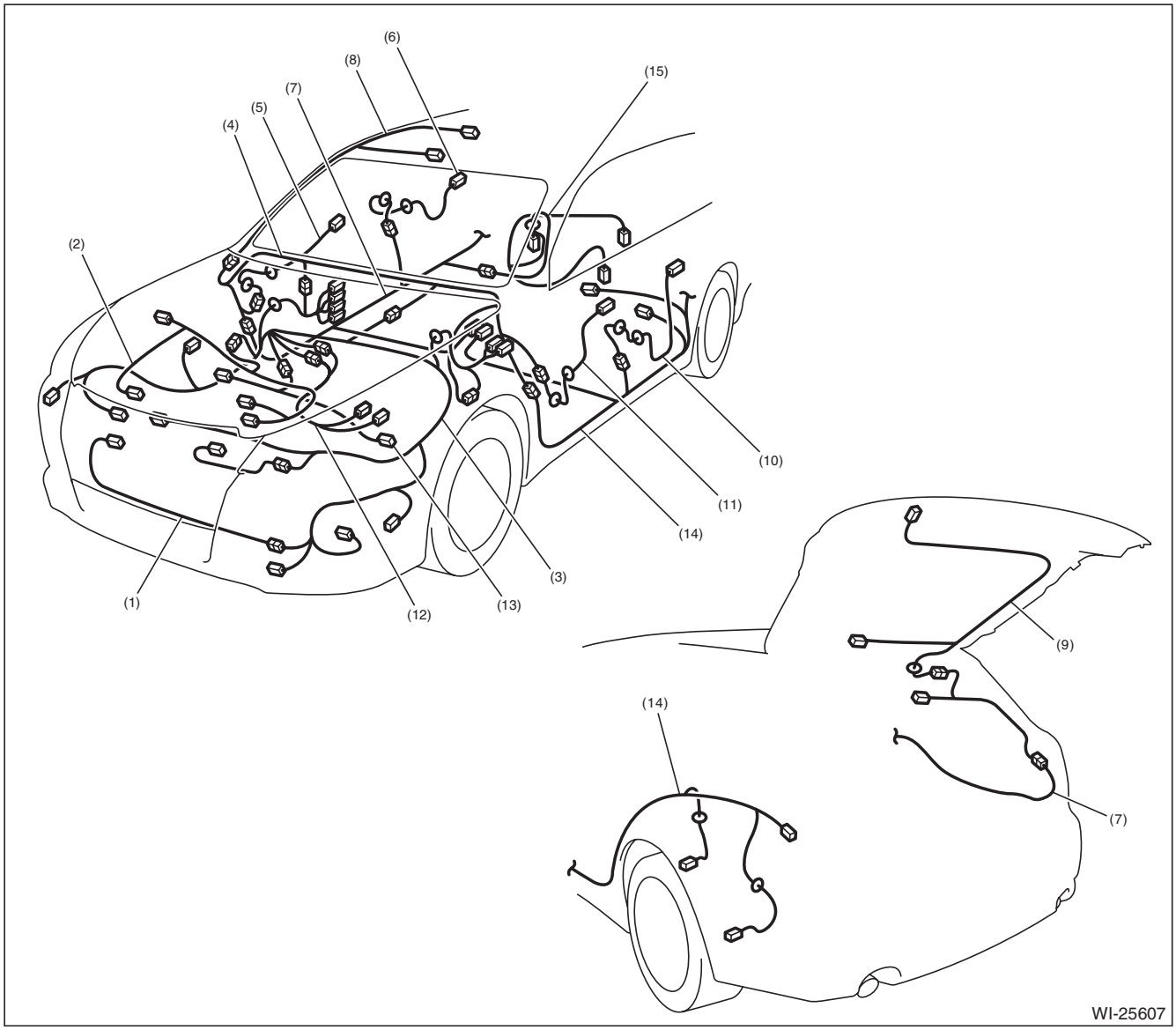
2. OUTBACK MODEL



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

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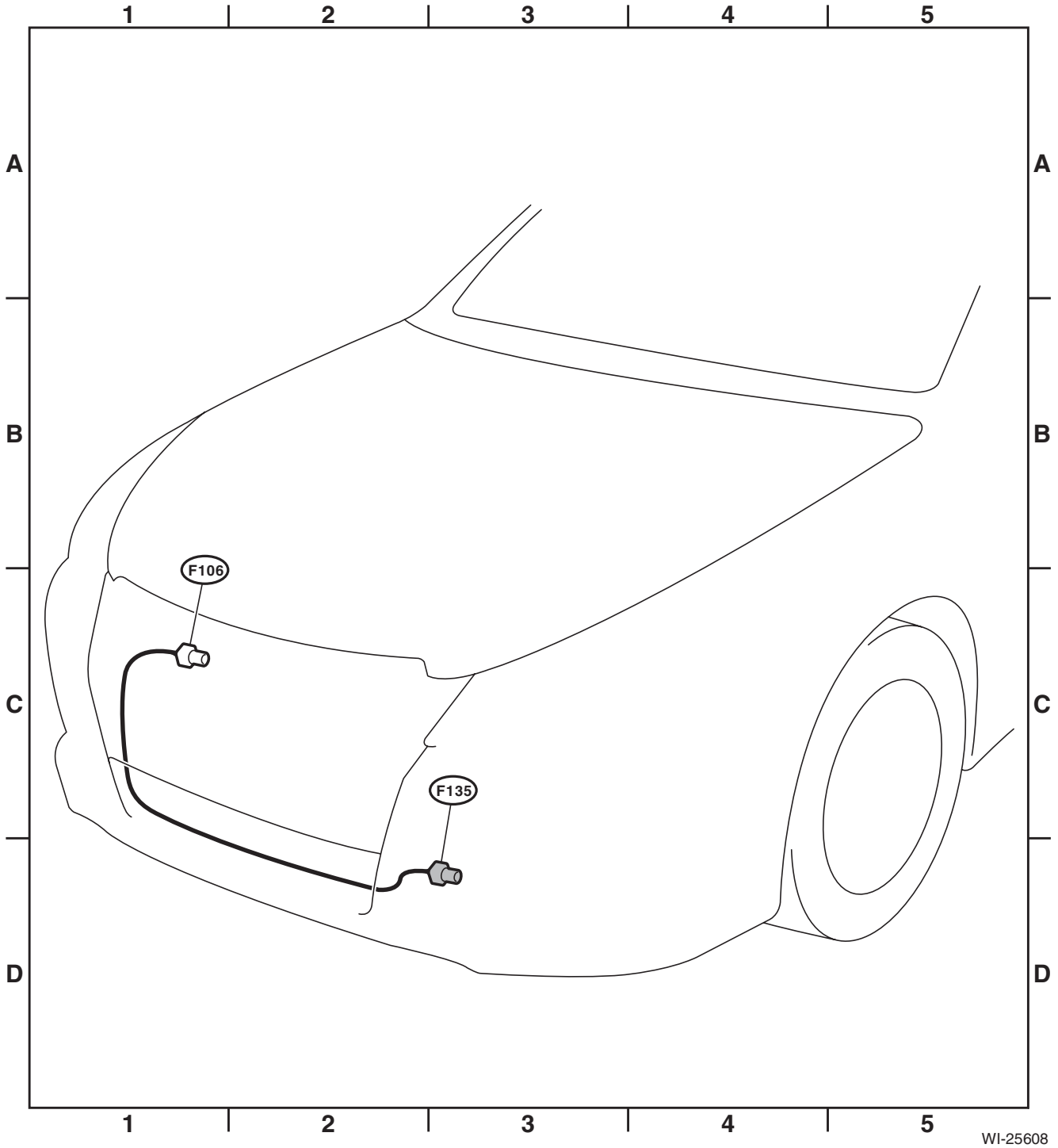
55.Front Wiring Harness

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
F106	3	Light gray	C-1		Radiator fan CM (3.6 L model)
F135	4	Black	D-3	B504	Bulkhead wiring harness (3.6 L model)



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56.Bulkhead Wiring Harness (In Engine Compartment)

A: LOCATION

1. 2.5 L NON-TURBO MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B3	5	Black	B-2		Mass air flow and intake air temperature sensor
B5	2	Light gray	C-5		Daytime running light resistor
B6	2	Light gray	B-2		Front ABS wheel speed sensor RH
B8	5	Light gray	B-5		Front wiper motor
B11	20	Light gray	B-3	T4	Transmission cord (CVT model)
B12	12	Light gray	B-3	T3	
B14	1	Black	B-3		Starter motor
B15	2	Light gray	B-4		Front ABS wheel speed sensor LH
B16	2	Light gray	B-4		Brake fluid level switch
B21	54	Black	B-3	E2	Engine wiring harness
B24	2	Light gray	B-3	T1	Transmission cord (MT model)
B25	2	Brown	B-3	T2	
B146	2	Dark gray	C-4		Front washer motor
B147	2	Dark gray	C-4		Rear washer motor
B310	26	Black	B-2		VDC CM
B321	2	★	A-2		Hood switch
B396	2	Brown	C-4		Washer fluid level sensor
B407	2	Black	C-4		Puddle light LH
B430	2	Black	B-2		Puddle light RH
B471	3	Green	B-2		Generator
B473	2	Black	C-3		Main fan motor
B474	2	Brown	C-4		Front fog light LH
B477	8	Light gray	C-4		Front combination light LH
B478	5	★	C-4		J/C
B479	5	★	C-4		
B480	2	Black	C-2		Ambient sensor
B481	1	★	C-2		Horn
B482	2	Black	C-1		Sub fan motor
B483	5	★	B-2		J/C
B487	8	Light gray	B-1		Front combination light RH
B488	2	Brown	B-1		Front fog light RH
B489	1	Black	B-1		Horn
B490	2	Black	B-1		Keyless buzzer
B497	22	Black	B-5		A/C relay holder
B505	3	Light gray	B-3		Pressure sensor
B506	2	Light gray	B-3		Compressor solenoid
B507	3	Black	C-3		Flow sensor
B515	1	★	B-2		Generator terminal B
★: White or natural color					

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

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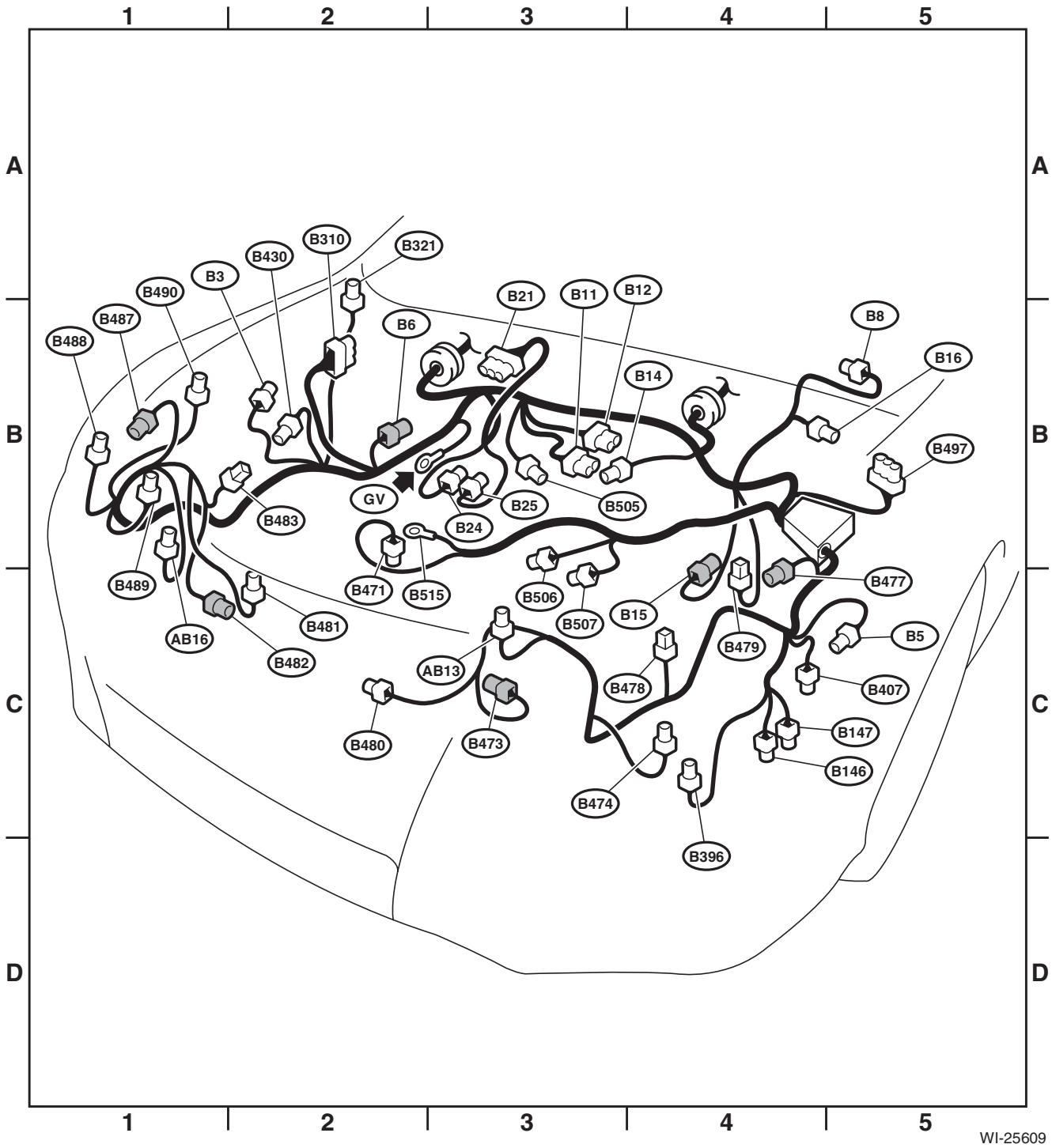
Bulkhead Wiring Harness (In Engine Compartment)



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2. 2.5 L TURBO MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B3	5	Black	B-2		Mass air flow and intake air temperature sensor
B5	2	Light gray	C-5		Daytime running light resistor
B6	2	Light gray	B-2		Front ABS wheel speed sensor RH
B8	5	Light gray	B-5		Front wiper motor
B14	1	Black	B-3		Starter motor
B15	2	Light gray	B-4		Front ABS wheel speed sensor LH
B16	2	Light gray	B-4		Brake fluid level switch
B21	54	Black	B-3	E2	Engine wiring harness
B22	16	Brown	B-3	E3	
B24	2	Light gray	B-3	T1	Transmission cord
B25	2	Brown	B-3	T2	
B146	2	Dark gray	C-4		Front washer motor
B147	2	Dark gray	C-4		Rear washer motor
B310	26	Black	B-2		VDC CM
B396	2	Brown	C-4		Washer fluid level sensor
B407	2	Black	C-4		Puddle light LH
B430	2	Black	B-2		Puddle light RH
B471	3	Green	B-2		Generator
B473	2	Dark gray	C-3		Main fan motor
B474	2	Brown	C-4		Front fog light LH
B477	8	Light gray	C-4		Front combination light LH
B478	5	★	C-4		J/C
B479	5	★	C-4		
B480	2	Black	C-2		Ambient sensor
B481	1	★	C-2		Horn
B482	2	Dark gray	C-1		Sub fan motor
B483	5	★	B-2		J/C
B487	8	Light gray	B-1		Front combination light RH
B488	2	Brown	B-1		Front fog light RH
B489	1	Black	B-1		Horn
B490	2	Black	B-1		Keyless buzzer
B497	22	Black	B-5		A/C relay holder
B505	3	Light gray	B-3		Pressure sensor
B506	2	Light gray	B-3		Compressor solenoid
B507	3	Black	C-3		Flow sensor
B515	1	★	B-2		Generator terminal B
★: White or natural color					

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

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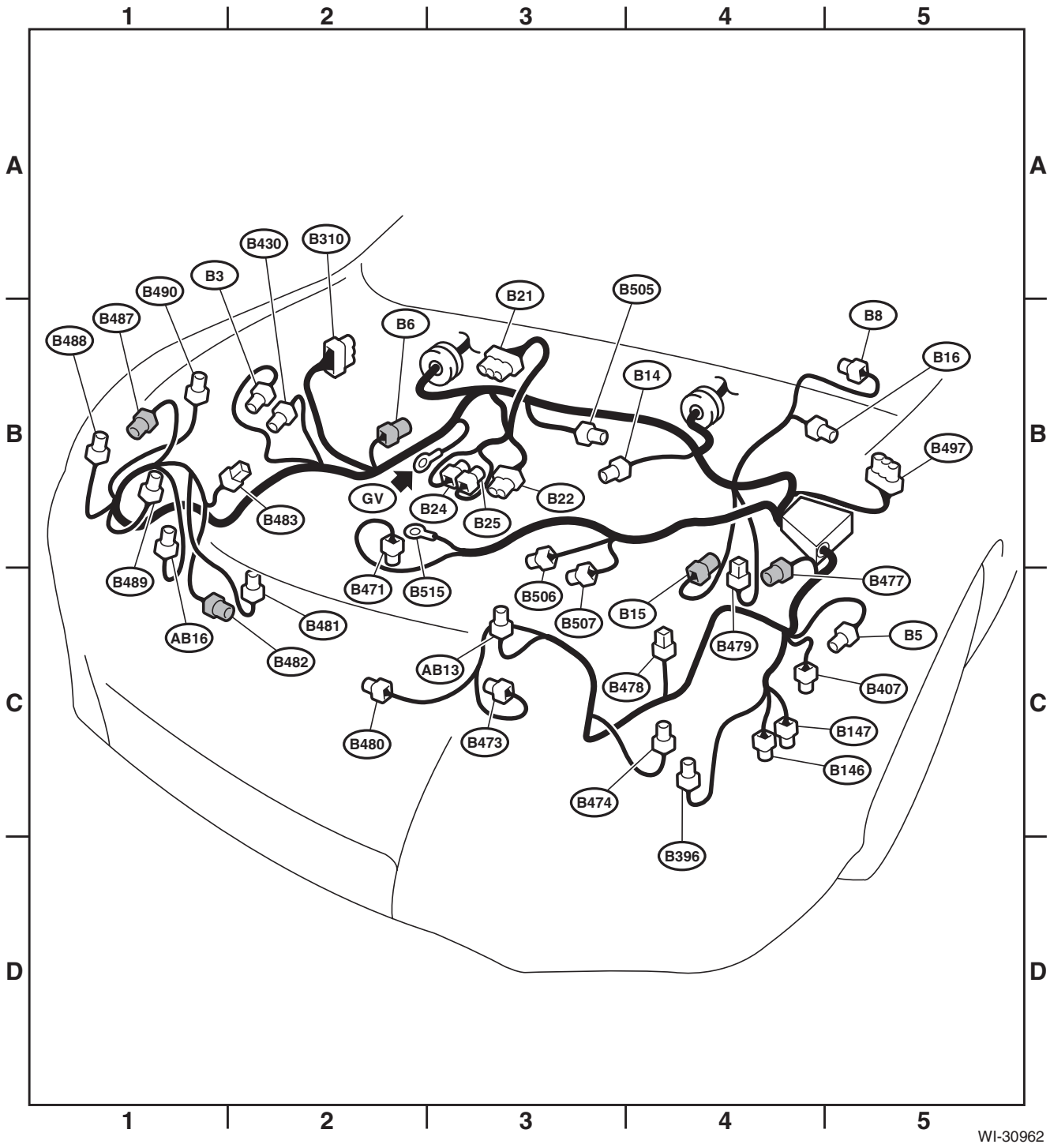
Bulkhead Wiring Harness (In Engine Compartment)



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3. 3.6 L MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B3	5	Black	B-2		Mass air flow and intake air temperature sensor
B5	2	Light gray	C-5		Daytime running light resistor
B6	2	Light gray	B-2		Front ABS wheel speed sensor RH
B8	5	Light gray	B-5		Front wiper motor
B11	20	Light gray	B-3	T4	Transmission cord
B12	8	Light gray	B-3	T3	
B14	1	Black	B-3		Starter motor
B15	2	Light gray	B-4		Front ABS wheel speed sensor LH
B16	2	Light gray	B-4		Brake fluid level switch
B21	54	Black	B-3	E2	Engine wiring harness
B22	16	Brown	B-3	E3	
B146	2	Dark gray	C-4		Front washer motor
B147	2	Dark gray	C-4		Rear washer motor
B310	26	Black	B-2		VDC CM
B321	2	★	B-2		Hood switch
B396	2	Brown	C-4		Washer fluid level sensor
B407	2	Black	C-4		Puddle light LH
B430	2	Black	B-2		Puddle light RH
B471	3	Green	B-2		Generator
B474	2	Brown	C-4		Front fog light LH
B477	8	Light gray	C-4		Front combination light LH
B478	5	★	C-4		J/C
B479	5	★	C-4		
B480	2	Black	C-2		Ambient sensor
B481	1	★	C-2		Horn
B483	5	★	B-2		J/C
B487	8	Light gray	B-1		Front combination light RH
B488	2	Brown	B-1		Front fog light RH
B489	1	Black	B-1		Horn
B490	2	Black	B-1		Keyless buzzer
B497	18	Black	B-5		A/C relay holder
B504	4	Black	C-3	F135	Front wiring harness
B505	3	Light gray	B-3		Pressure sensor
B506	2	Light gray	B-3		Compressor solenoid
B507	3	Black	C-3		Flow sensor
B515	1	★	B-2		Generator terminal B
★: White or natural color					

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

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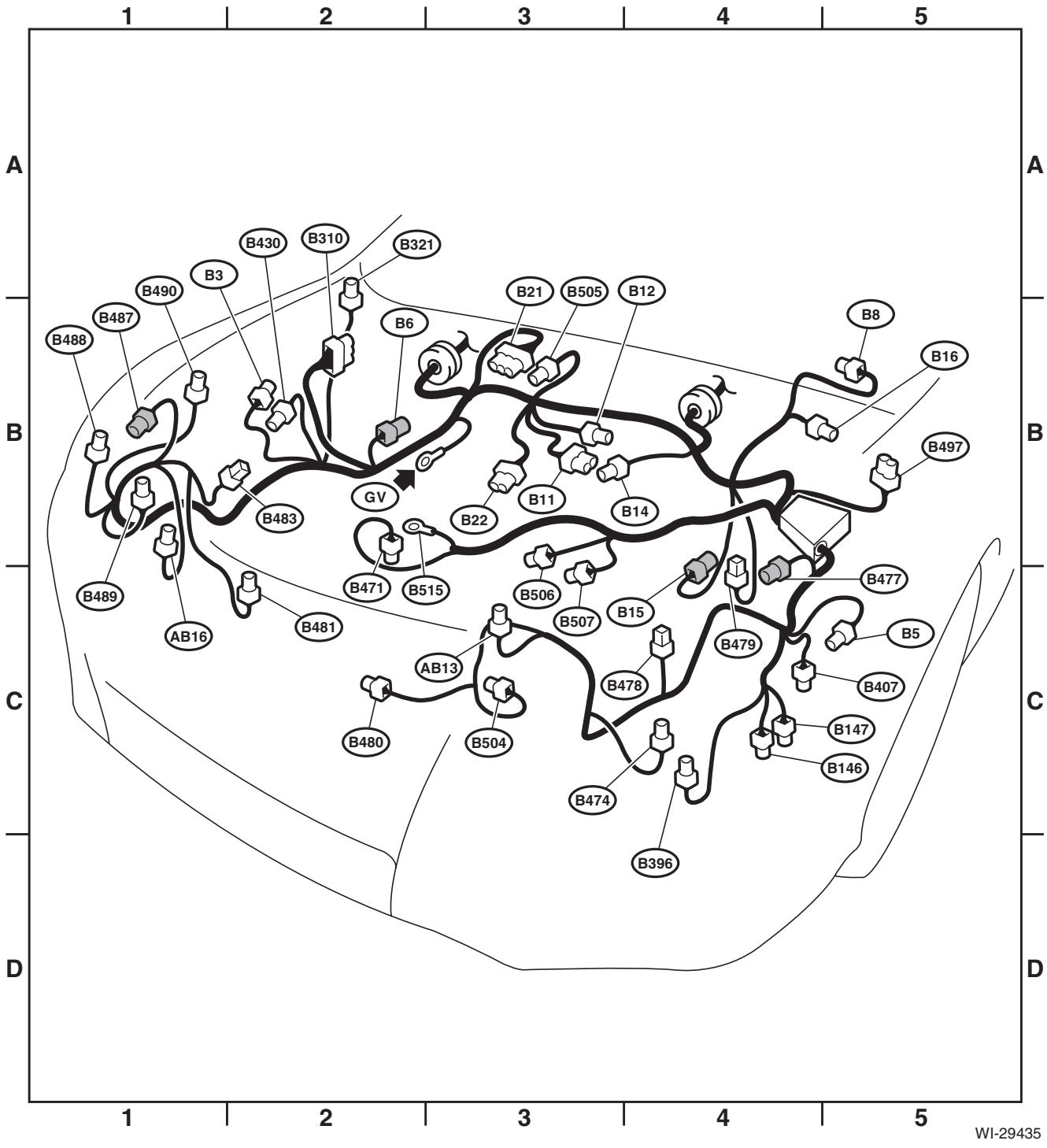
Bulkhead Wiring Harness (In Engine Compartment)



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57.Bulkhead Wiring Harness (In Compartment)

A: LOCATION

1. 2.5 L NON-TURBO MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B36	57	★	B-1	i1	Instrument panel wiring harness
B38	19	★	B-5	i3	
B40	16	★	B-1		Data link connector
B41	2	Blue	B-1		Power window circuit breaker
B52	24	★	C-1		F/B
B54	26	Green	B-2		TCM
B55	22	Green	C-2		
B65	4	Black	B-2		Stop light and brake switch
B68	16	★	C-2		Roll connector
B70	18	★	C-2		Combination switch
B71	14	★	C-2		
B72	6	★	B-2		Ignition switch
B83	6	★	B-5		J/C
B107	2	Blue	B-2		Clutch switch (model with cruise control)
B116	8	★	C-3		AT select lever
B134	34	★	B-4		ECM
B135	35	★	B-4		
B136	35	★	B-4		
B137	31	★	C-4		
B138	8	★	B-5		J/C
B152	10	Gray	C-1		F/B
B158	8	★	C-2		
B159	9	Brown	C-2		
B180	4	★	C-1		Remote engine start CM
B220	21	Black	B-5		IG relay
					Fuel pump relay
					Main relay
					A/F, oxygen sensor relay
					Electronic throttle control relay
B231	5	★	C-2		Steering angle sensor
B280	34	★	B-2		Body integrated unit
B281	35	★	B-2		
B315	6	Black	B-3		Accelerator pedal position sensor
B350	6	Light gray	C-3		Key warning switch & key lock solenoid
B358	2	★	C-3		AT select lever illumination
B415	2	★	C-3		Immobilizer antenna
B491	5	★	B-1		J/C
B493	4	Black	C-2		Starter relay
B494	4	Black	C-1		Self shut relay
B501	5	★	B-2		Clutch stroke sensor (MT model)
B513	2	Blue	B-3		Stop light condenser
B514	2	Blue	B-3		Stop light register
B516	2	★	B-1	B517	Bulkhead wiring harness
B517	2	★	B-1	B516	

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Bulkhead Wiring Harness (In Compartment)

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B518	20	★	B-4		Security CM
B546	8	★	B-2		J/C
★: White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB2	4	Yellow	C-2	AB7	Driver's airbag module
AB6	30	Yellow	D-4		Airbag CM
AB9	4	Yellow	C-4		Passenger's airbag module
AB35	2	★	C-1		F/B
★: White or natural color					

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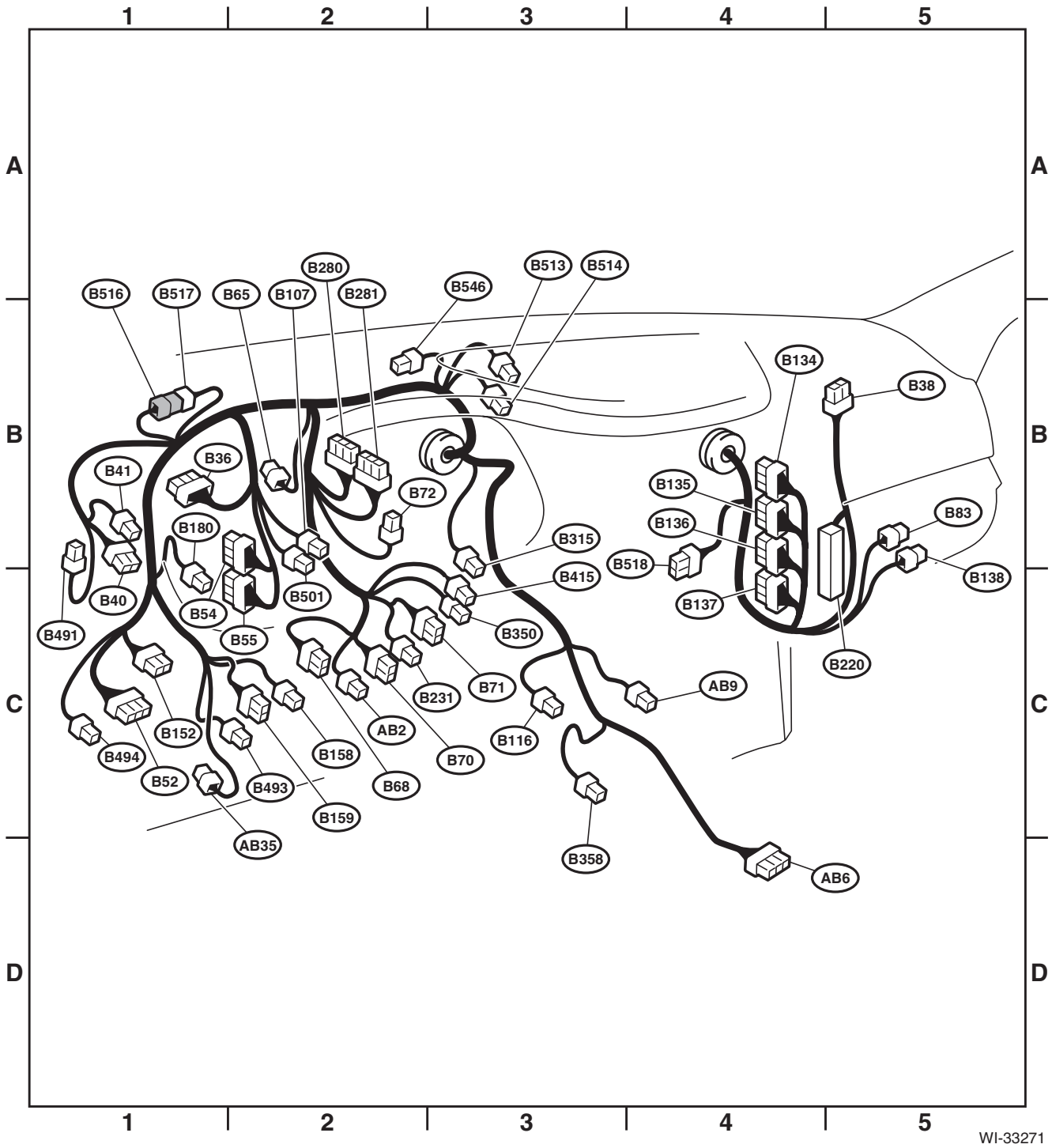
Bulkhead Wiring Harness (In Compartment)



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2. 2.5 L TURBO MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B36	57	★	B-1	i1	Instrument panel wiring harness
B38	19	★	B-5	i3	
B40	16	★	B-1		Data link connector
B41	2	Blue	B-1		Power window circuit breaker
B52	24	★	C-1		F/B
B65	4	Black	B-2		Stop light and brake switch
B68	16	★	C-2		Roll connector
B70	18	★	C-2		Combination switch
B71	14	★	C-2		
B72	6	★	B-2		Ignition switch
B83	6	★	B-5		J/C
B107	2	Blue	C-2		Clutch switch (model with cruise control)
B134	34	★	B-4		ECM
B135	35	★	B-4		
B136	35	★	B-4		
B137	31	★	C-4		
B138	8	★	B-5		J/C
B152	10	Gray	C-1		F/B
B158	8	★	C-2		
B159	9	Brown	C-2		
B220	21	Black	B-5		Fuel pump relay
					Main relay
					A/F, oxygen sensor relay
					Electronic throttle control relay
B231	5	★	C-2		Steering angle sensor
B280	34	★	B-2		Body integrated unit
B281	35	★	B-2		
B315	6	Black	B-3		Accelerator pedal position sensor
B350	6	Light gray	C-3		Key warning switch & key lock solenoid
B415	2	★	C-3		Immobilizer antenna
B491	5	★	B-1		J/C
B493	4	Black	C-2		Starter relay
B501	5	★	B-2		Clutch stroke sensor
B513	2	Blue	B-3		Stop light condenser
B514	2	Blue	B-3		Stop light register
B518	20	★	B-4		Security CM
B546	8	★	B-2		J/C
★: White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB2	4	Yellow	C-2	AB7	Driver's airbag module
AB6	30	Yellow	D-4		Airbag CM
AB9	4	Yellow	C-4		Passenger's airbag module
AB35	2	★	C-1		F/B
★: White or natural color					

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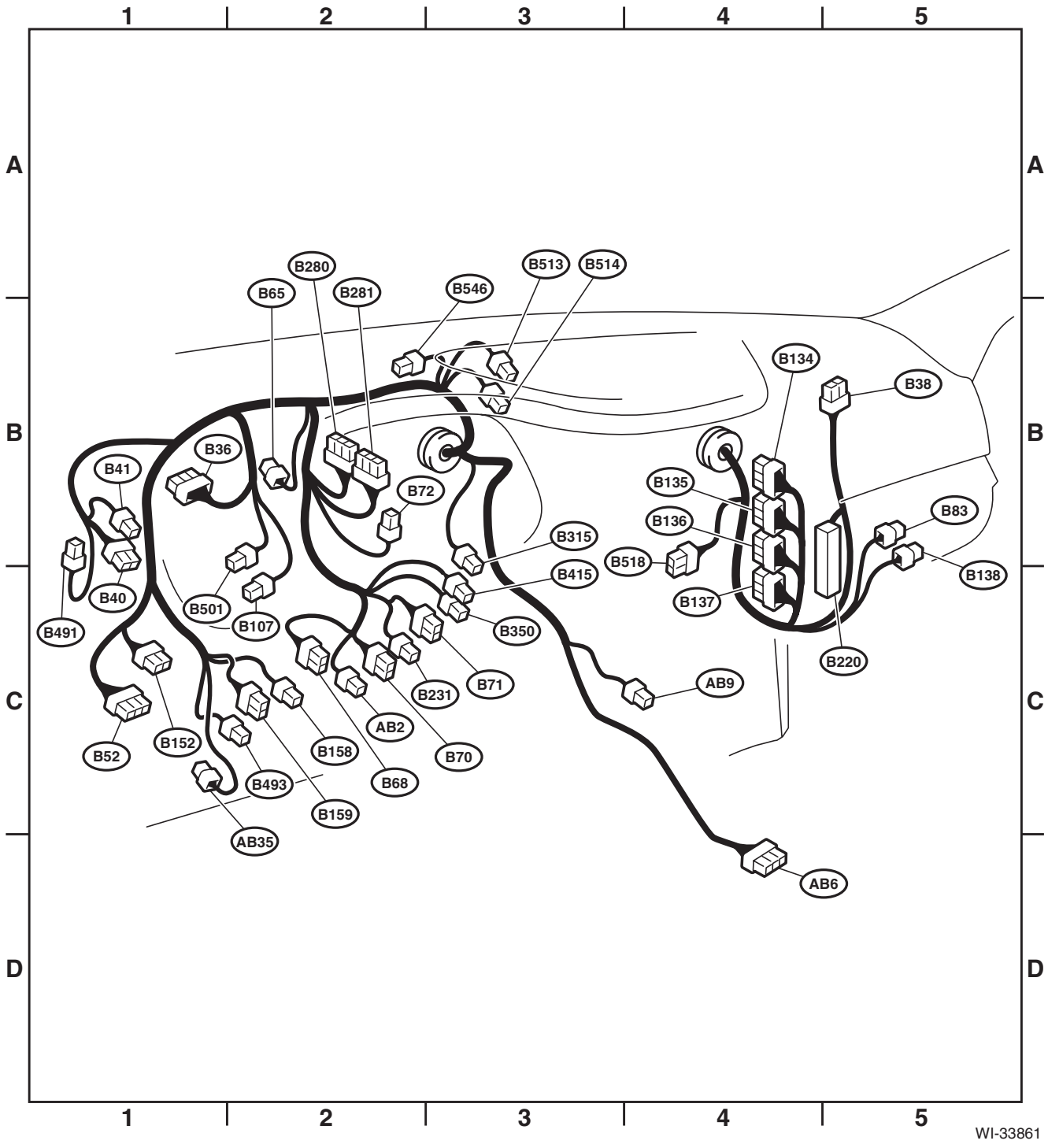
Bulkhead Wiring Harness (In Compartment)



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3. 3.6 L MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B36	57	★	B-1	i1	Instrument panel wiring harness
B38	19	★	B-5	i3	
B40	16	★	B-1		Data link connector
B41	2	Blue	B-1		Power window circuit breaker
B52	24	★	C-1		F/B
B54	35	★	B-2		TCM
B55	35	★	C-2		
B65	4	Black	B-2		Stop light and brake switch
B68	16	★	C-2		Roll connector
B70	18	★	C-2		Combination switch
B71	14	★	C-2		
B72	6	★	B-2		Ignition switch
B83	8	★	B-5		J/C
B116	8	★	C-3		AT select lever
B134	34	★	B-4		ECM
B135	35	★	B-4		
B136	35	★	B-4		
B137	31	★	C-4		
B138	6	★	B-5		J/C
B152	10	Gray	C-1		F/B
B158	8	★	C-2		
B159	9	Brown	C-2		
B180	4	★	C-1		Remote engine start CM
B220	21	Black	B-5		IG relay
					Fuel pump relay
					Main relay
					A/F, oxygen sensor relay
					Electronic throttle control relay
B231	5	★	C-2		Steering angle sensor
B280	34	★	B-2		Body integrated unit
B281	35	★	B-2		
B315	6	Black	B-3		Accelerator pedal position sensor
B350	6	Light gray	C-3		Key warning switch & key lock solenoid
B358	2	★	C-3		AT select lever illumination
B415	2	★	C-3		Immobilizer antenna
B491	5	★	B-1		J/C
B493	4	Black	C-2		Starter relay
B498	4	Black	C-1		Inhibitor relay
B499	4	Black	C-1		Back-up light relay
B503	6	★	C-5		J/C
B513	2	Blue	B-3		Stop light condenser
B514	2	Blue	B-3		Stop light register
B516	2	★	B-1	B517	Bulkhead wiring harness
B517	2	★	B-1	B516	
B518	20	★	B-4		Security CM
B546	8	★	B-2		J/C
★: White or natural color					

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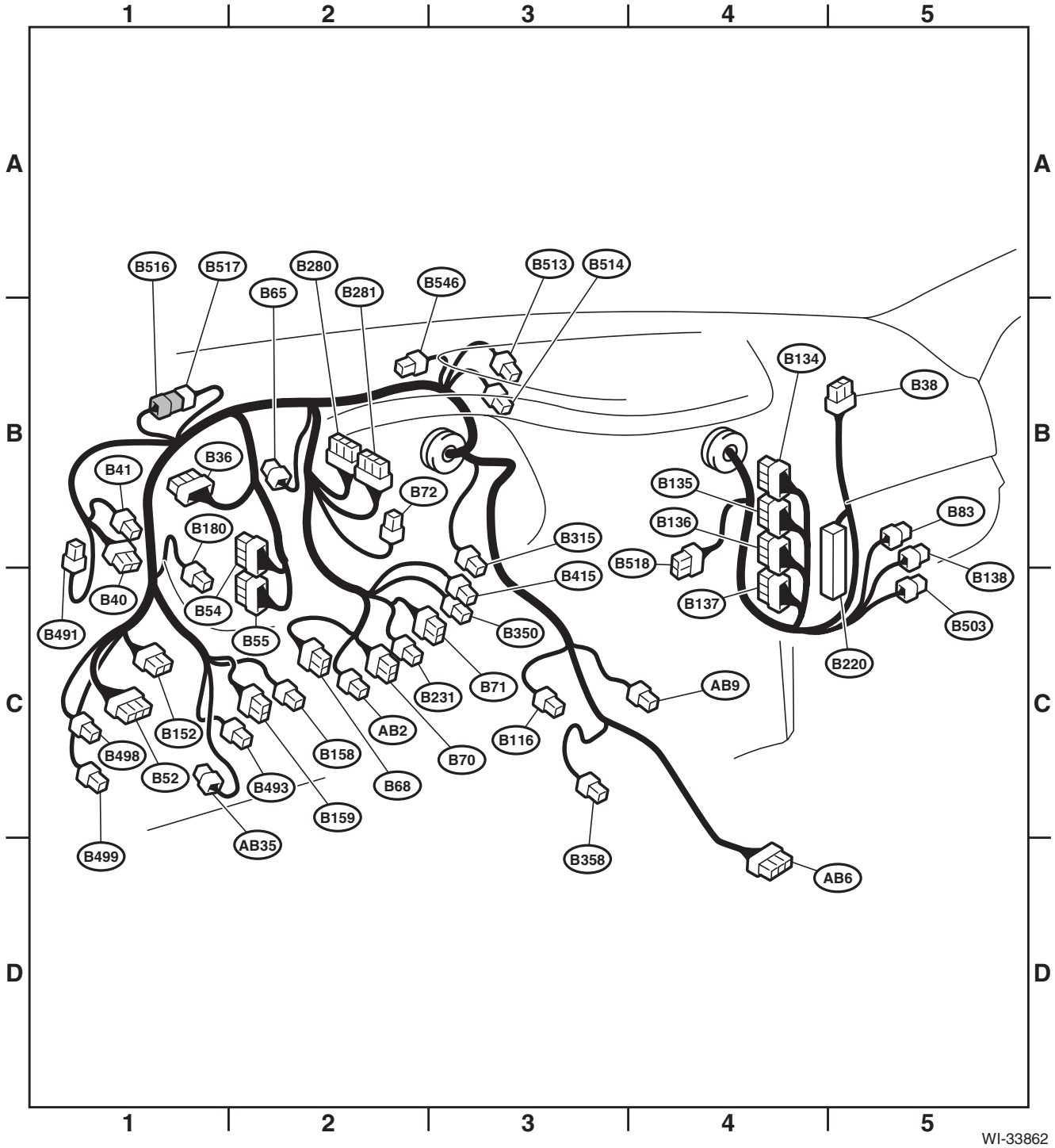
Bulkhead Wiring Harness (In Compartment)

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB2	4	Yellow	C-2	AB7	Driver's airbag module
AB6	30	Yellow	D-4		Airbag CM
AB9	4	Yellow	C-4		Passenger's airbag module
AB35	2	★	C-1		F/B

★: White or natural color



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58.Engine Wiring Harness and Transmission Cord

A: LOCATION

1. 2.5 L NON-TURBO MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E2	54	Black	A-2	B21	Bulkhead wiring harness
E4	2	Black	B-3		Purge control solenoid valve
E5	2	Dark gray	B-1		Fuel injector No. 1
E6	2	Dark gray	A-2		Fuel injector No. 3
E8	2	Black	B-2		Engine coolant temperature sensor
E10	2	Light gray	B-3		Crankshaft position sensor
E11	1	Light gray	B-2		Oil pressure switch
E14	2	Black	A-4		Knock sensor
E15	2	Black	B-4		Camshaft position sensor
E16	2	Dark gray	B-4		Fuel injector No. 2
E17	2	Dark gray	B-4		Fuel injector No. 4
E18	6	Dark gray	A-4		EGR control valve
E19	1	★	B-2		Power steering oil pressure switch
E21	3	Black	A-3		Manifold absolute pressure sensor
E24	4	Black	B-1		Front oxygen (A/F) sensor
E25	4	Dark gray	B-1		Rear oxygen sensor
E31	3	★	B-1		Ignition coil No. 1
E32	3	★	B-4		Ignition coil No. 2
E33	3	Black	A-2		Ignition coil No. 3
E34	3	Black	B-5		Ignition coil No. 4
E57	6	Black	A-3		Electronic throttle control
E69	2	Blue	A-2		Oil switching solenoid valve RH
E70	2	Blue	B-4		Oil switching solenoid valve LH
E71	1	★	A-2		Variable valve lift diagnosis oil pressure switch RH
E72	1	★	B-4		Variable valve lift diagnosis oil pressure switch LH
E75	2	Black	A-2		Engine oil temperature sensor
E130	1	★	B-5		Oil level switch
★: White or natural color					

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- **MT model**

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T1	2	★	C-1	B24	Bulkhead wiring harness
T2	2	Brown	C-1	B25	
★: White or natural color					

- **CVT model**

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T3	12	Black	D-4	B12	Bulkhead wiring harness
T4	20	Gray	D-4	B11	
T7	9	Black	D-4		Inhibitor switch
AT1	3	Gray	D-4		Primary speed sensor
AT4	3	Black	D-5		Secondary speed sensor
AT5	3	Gray	D-5		Front wheel speed sensor
AT6	3	Black	D-4		Secondary pressure sensor

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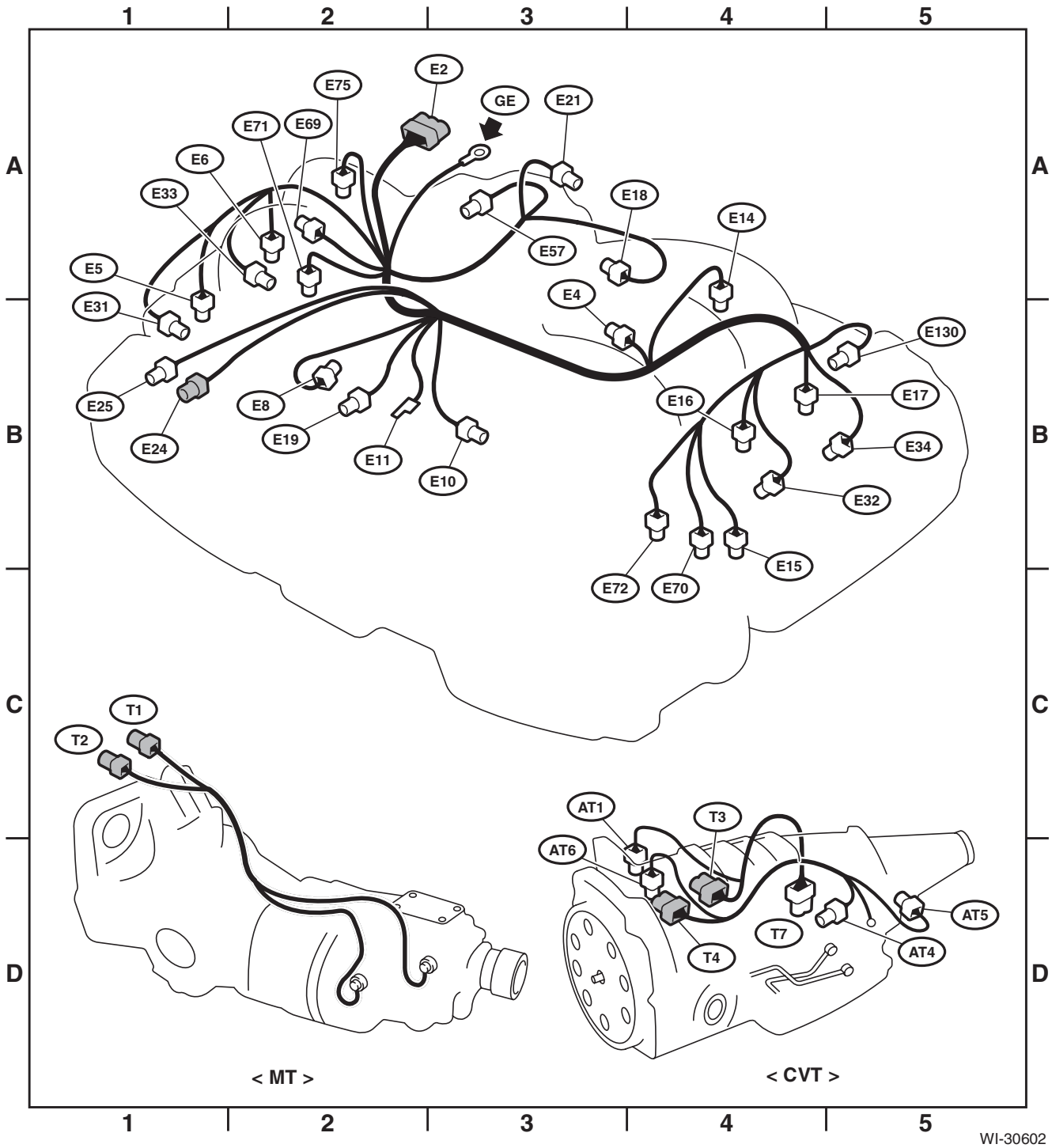
Engine Wiring Harness and Transmission Cord



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2. 2.5 L TURBO MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E2	54	Black	A-3	B21	Bulkhead wiring harness
E3	16	Brown	A-3	B22	
E4	2	Black	B-3		Purge control solenoid valve 1
E5	2	Dark gray	A-1		Fuel injector No. 1
E6	2	Dark gray	A-2		Fuel injector No. 3
E8	2	Black	B-3		Engine coolant temperature sensor
E10	2	Light gray	B-2		Crankshaft position sensor
E11	1	★	B-3		Oil pressure switch
E14	2	Black	B-4		Knock sensor
E16	2	Dark gray	B-4		Fuel injector No. 2
E17	2	Dark gray	B-4		Fuel injector No. 4
E19	1	★	B-2		Power steering oil pressure switch
E21	3	Black	B-2		Manifold absolute pressure sensor
E24	4	Light gray	B-4		Front oxygen (A/F) sensor
E25	4	Black	B-4		Rear oxygen sensor
E31	3	Gray	B-1		Ignition coil No. 1
E32	3	Gray	B-4		Ignition coil No. 2
E33	3	Gray	B-2		Ignition coil No. 3
E34	3	Gray	B-4		Ignition coil No. 4
E35	3	Black	B-4		Intake camshaft position sensor LH
E36	3	Black	A-2		Intake camshaft position sensor RH
E37	2	Blue	B-4		Intake oil flow control solenoid valve LH
E38	2	Blue	A-2		Intake oil flow control solenoid valve RH
E51	5	Light gray	B-5		Tumble generator valve assembly LH
E52	2	Black	A-3		Purge control solenoid valve 2
E55	5	Light gray	B-1		Tumble generator valve assembly RH
E57	6	Black	A-4		Electronic throttle control
E62	3	Light gray	B-1		Exhaust camshaft position sensor RH
E63	2	Blue	B-1		Exhaust oil flow control solenoid valve RH
E64	2	Black	B-1		Wastegate control solenoid valve
E65	3	Light gray	C-4		Exhaust camshaft position sensor LH
E66	2	Blue	C-4		Exhaust oil flow control solenoid valve LH
E130	1	★	B-5		Oil level switch
★: White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T1	2	★	C-2	B24	Bulkhead wiring harness
T2	2	Brown	C-2	B25	
★: White or natural color					

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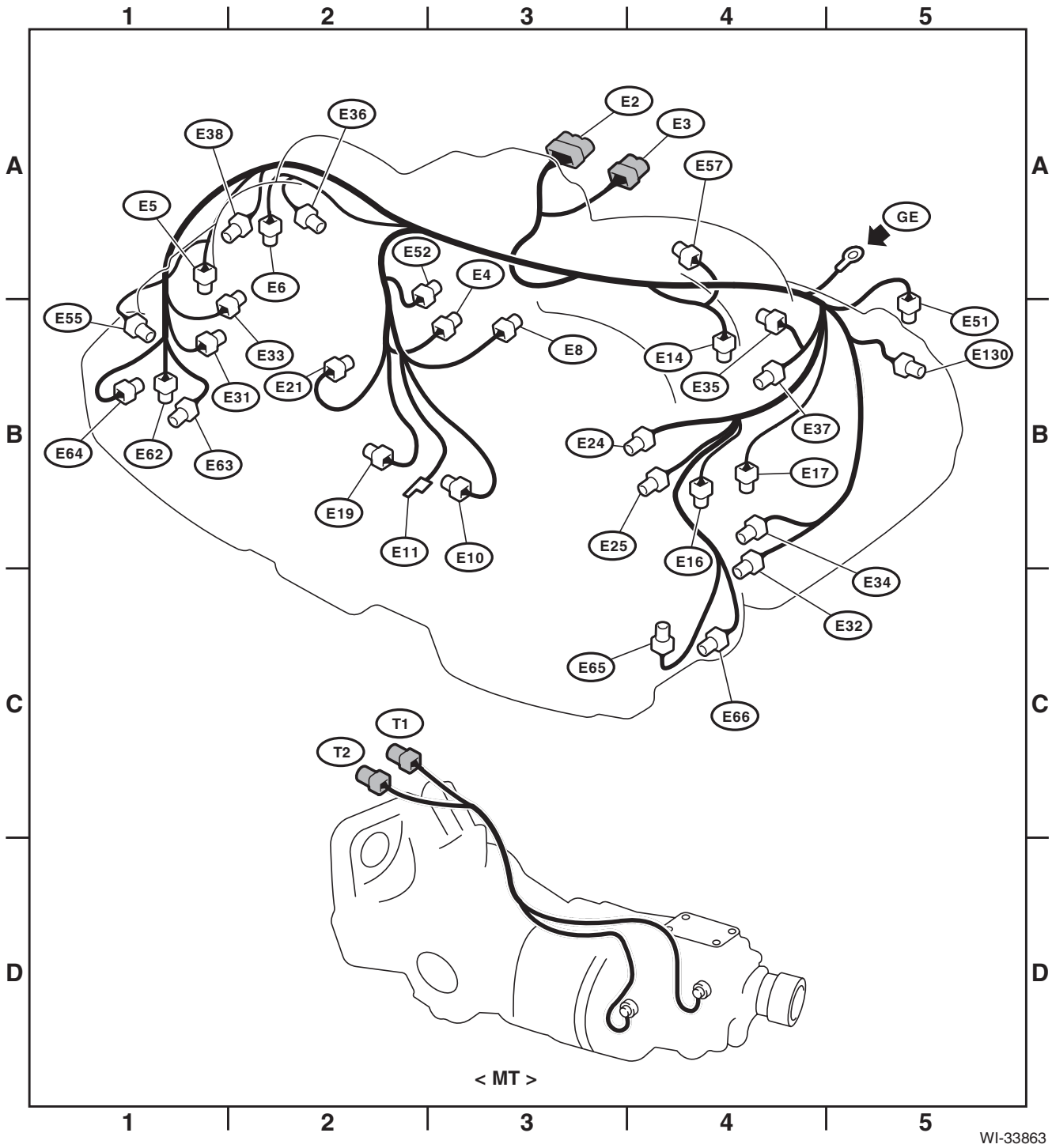
Engine Wiring Harness and Transmission Cord



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3. 3.6 L MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
E2	54	Black	A-3	B21	Bulkhead wiring harness
E3	16	Brown	D-2	B22	
E4	2	Blue	A-2		Purge control solenoid valve
E5	2	Dark gray	A-2		Fuel injector No. 1
E6	2	Dark gray	A-2		Fuel injector No. 3
E8	2	Brown	B-4		Engine coolant temperature sensor
E10	2	Light gray	B-4		Crankshaft position sensor
E11	1	★	B-1		Oil pressure switch
E14	2	Black	B-2		Knock sensor 1
E16	2	Dark gray	B-4		Fuel injector No. 2
E17	2	Dark gray	B-4		Fuel injector No. 4
E18	6	Dark gray	B-3		EGR control valve
E19	1	★	B-2		Power steering oil pressure switch
E21	3	Black	A-3		Manifold absolute pressure sensor
E24	4	Light gray	D-3		Front oxygen (A/F) sensor LH
E25	4	Dark gray	D-3		Rear oxygen sensor LH
E31	3	Gray	B-1		Ignition coil No. 1
E32	3	Gray	C-4		Ignition coil No. 2
E33	3	Gray	B-2		Ignition coil No. 3
E34	3	Gray	B-4		Ignition coil No. 4
E35	3	Black	B-5		Intake camshaft position sensor LH
E36	3	Black	A-2		Intake camshaft position sensor RH
E37	2	Black	B-4		Intake oil flow control solenoid valve LH
E38	2	Black	B-1		Intake oil flow control solenoid valve RH
E43	2	Dark gray	A-2		Fuel injector No. 5
E44	2	Dark gray	B-5		Fuel injector No. 6
E45	3	Gray	B-2		Ignition coil No. 5
E46	3	Gray	B-5		Ignition coil No. 6
E47	4	Light gray	C-2		Front oxygen (A/F) sensor RH
E48	2	Black	A-4		Knock sensor 2
E57	6	Black	A-3		Electronic throttle control
E61	4	Dark gray	C-2		Rear oxygen sensor RH
E62	3	Gray	B-1		Exhaust camshaft position sensor RH
E63	2	Blue	B-1		Exhaust oil flow control solenoid valve RH
E65	3	Gray	C-4		Exhaust camshaft position sensor LH
E66	2	Blue	C-4		Exhaust oil flow control solenoid valve LH
E75	2	Black	B-4		Engine oil temperature sensor
E76	10	Dark gray	A-3	E77	Engine wiring harness
E77	10	Gray	A-3	E76	
E130	1	★	C-4		Oil level switch
★: White or natural color					

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- **AT model**

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T3	8	Light gray	D-2	B12	Bulkhead wiring harness
T4	20	Light gray	D-2	B11	
AT1	3	Black	D-3		Turbine speed sensor 1
AT4	3	Black	C-4		Rear vehicle speed sensor

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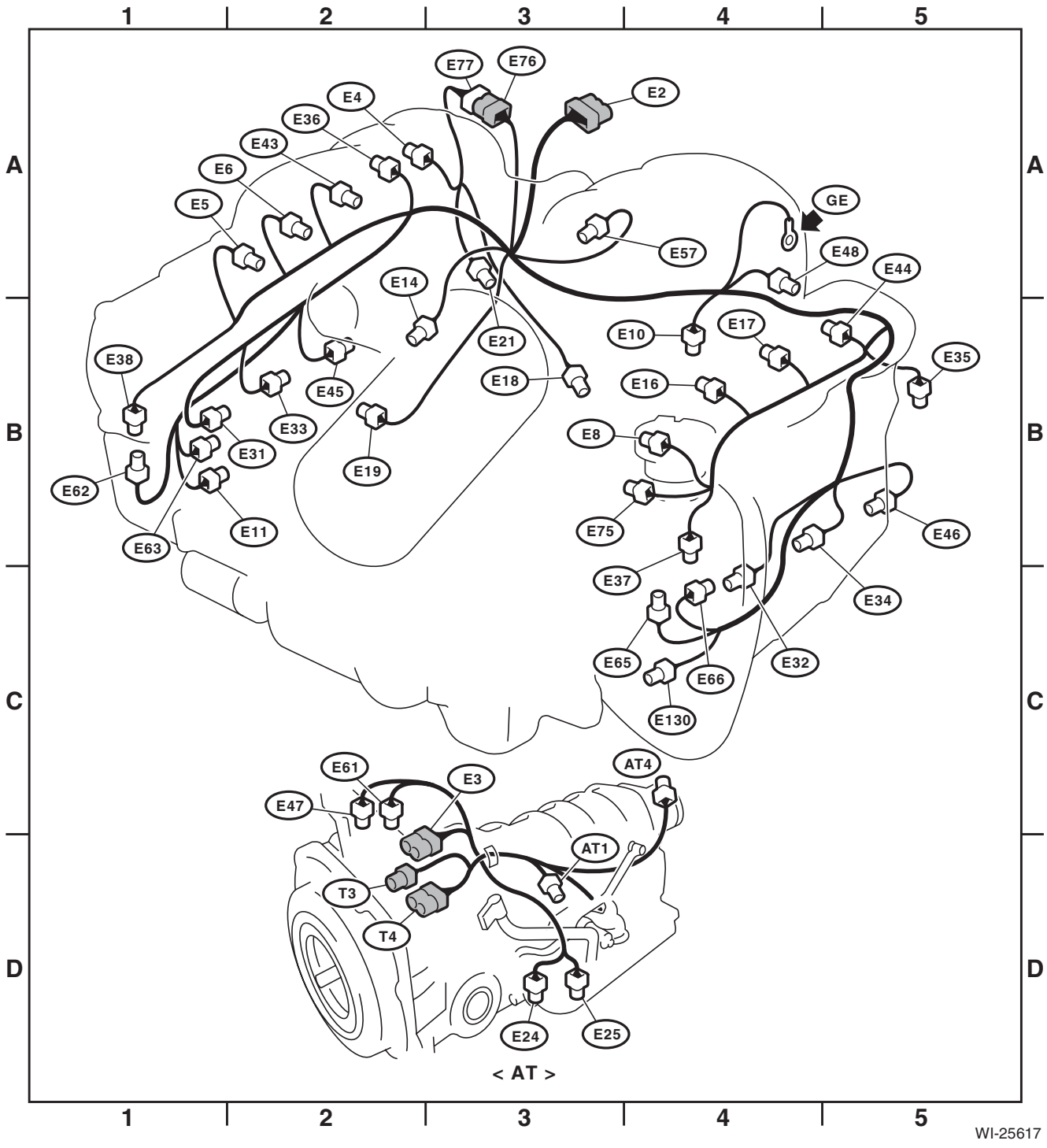
Engine Wiring Harness and Transmission Cord



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59.Instrument Panel Wiring Harness

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
i1	57	★	B-1	B36	Bulkhead wiring harness
i2	18	★	C-1	R339	Rear wiring harness LH
i3	19	★	B-4	B38	Bulkhead wiring harness
i5	20	★	C-1		F/B
i6	16	★	C-2		Remote control mirror switch
i10	40	★	B-2		Combination meter
i15	6	★	C-3		Blower fan switch
i23	2	★	B-4		Glove box light
i24	2	★	B-3		Front accessory power supply socket
i26	20	★	B-3		Audio connector
					Audio (normal)
	10	★	B-3		Audio (premium)
i29	1	★	B-3		Audio bracket ground (with navigation system)
	1	★	B-2		Audio bracket ground (without navigation system)
i53	14	★	C-5	R98	Rear wiring harness RH
i54	16	★	C-1	R99	Rear wiring harness LH
i59	10	★	B-3		Clock
i76	28	★	C-5	D83	Front door cord RH
i79	6	★	B-2		Illumination control switch
i80	26	★	C-4		A/C CM
i82	12	★	B-1		J/C
i84	35	★	C-2		Body integrated unit
i88	12	★	C-4		A/C control panel
i97	12	★	B-4		J/C
i100	12	★	B-4		
i101	28	★	C-1	D84	Front door cord LH
i102	14	★	C-1	R167	Rear wiring harness LH
i131	24	★	B-3		Navigation unit
	24	★	B-3		Audio (normal, without handsfree microphone)
	16	★	B-3		Audio connector
					Audio (normal, with handsfree microphone)
	6		A-3		Audio (premium)
i140	4	★	B-3		J/C
i141	4	★	B-3		
i144	20	★	B-3		Navigation unit
i145	6	Green	B-3		
i146	8	★	B-3		
i148	20	Blue	B-3		XM radio tuner
i149	6	★	C-3		AUX input terminal
i152	20	★	C-1		F/B
i153	13	★	C-5	R331	Rear wiring harness RH
i154	18	★	C-5	R332	
i155	11	★	C-5	R333	
i156	5	★	C-2		Hill hold switch
i157	16	★	A-5	R50	Roof cord

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Instrument Panel Wiring Harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
i158	4	★	B-1		Side tweeter LH (normal audio)
	2	★	B-1		Side tweeter LH (premium audio)
i159	4	★	B-5		Side tweeter RH (normal audio)
	2	★	B-5		Side tweeter RH (premium audio)
i160	11	★	B-1		Relay block
i161	11	★	B-2		
i162	6	★	C-1		Lower cover switch
i163	10	★	C-2		EPB control switch
i164	12	★	B-2		J/C
i165	4	★	B-1		
i166	12	★	B-1		
i167	4	★	B-2		
i168	4	★	B-2		
i169	22	★	B-5		
i170	8	★	B-2		Turn signal and hazard unit
i171	31	★	C-2		Body integrated unit
i172	2	★	B-2		Evaporator sensor
i173	2	★	C-3		In-vehicle sensor
i174	7	Green	B-3		Air mix door actuator (manual A/C)
	7	Green	B-3		Air mix door actuator (driver's seat) (auto A/C)
i175	7	Green	B-4		Air mix door actuator (passenger's seat) (auto A/C)
i176	5	★	B-3		Mode door actuator
i181	24	★	C-4		A/C CM
i182	4	★	B-4		Blower resistor
i183	5	★	B-4		Power transistor (auto A/C)
i184	7	★	B-4		Blower motor relay
i185	2	★	C-5		Blower motor
i186	7	Green	B-4		Intake door actuator
i187	2	★	A-5		Wiper deicer
i188	8	★	B-5		Impact sensor
i189	2	★	C-4		Rear accessory power supply socket (console box)
i191	2	★	B-4		Trunk opener cancel button
i192	28	★	A-3		Audio (premium)
i193	2	Black	C-1		F/B
i194	6	★	B-5		Light control sensor
i195	4	★	C-5	R382	Rear wiring harness RH
i196	10	★	C-3	R385	Adapter cord (audio amplifier)
i210	4	★	B-5		J/C
i211	4	★	A-5		
i212	20	★	B-3		Navigation unit (with XM radio tuner)
i225	4	★	B-2		J/C

★: White or natural color

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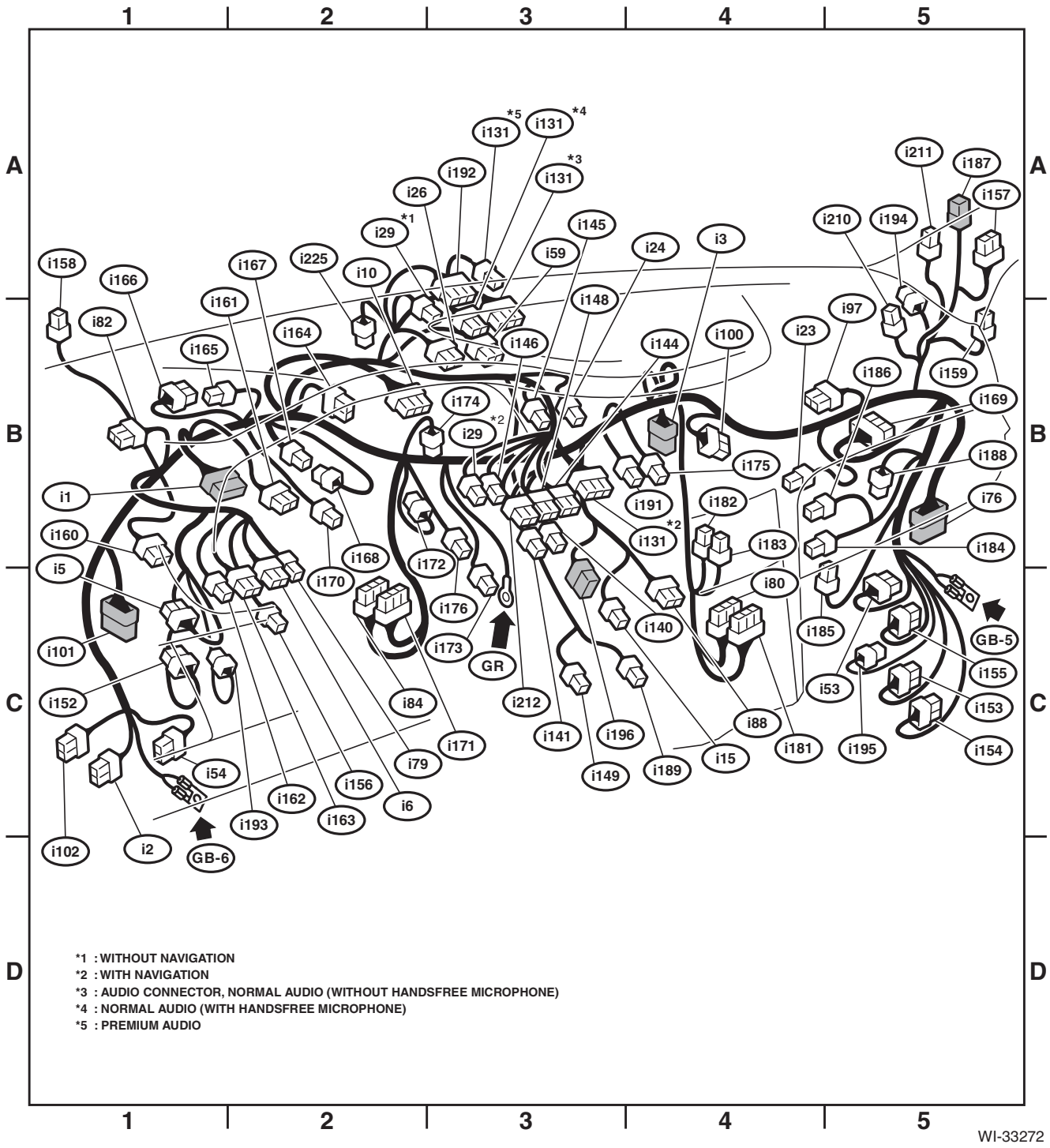
Instrument Panel Wiring Harness



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60.Rear Wiring Harness

A: LOCATION

1. SEDAN MODEL

- **Vehicle identification number: Sedan model 002017 or later**

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R9	3	★	C-4		Front door switch LH
R10	8	★	C-4	D22	Rear door cord LH
R12	3	★	B-2		Front door switch RH
R13	8	★	B-2	D28	Rear door cord RH
R15	11	★	B-3	R57	Fuel cord
R41	4	★	C-3		Seat heater LH
R42	6	★	C-3		Seat heater switch LH
R44	4	★	B-2		Seat heater RH
R45	6	Brown	C-2		Seat heater switch RH
R47	3	★	A-4		Fuel tank pressure sensor
R50	16	★	B-2	i157	Instrument panel wiring harness
R51	2	★	A-2		Vanity mirror light RH
R52	3	★	A-3		Room light
R54	2	★	B-3		Vanity mirror light LH
R55	4	★	A-3	R74	Sunroof cord
R57	11	★	B-3	R15	Rear wiring harness
R58	6	★	B-4		Fuel pump assembly
R59	2	★	B-4		Fuel sub level sensor
R68	2	Dark gray	B-4		Pressure control solenoid valve (turbo model)
R74	4	★	A-3	R55	Roof cord
R75	20	★	B-3		Sunroof motor assembly
R98	14	Gray	B-1	i53	Instrument panel wiring harness
R99	16	★	C-3	i54	
R108	2	★	C-3		Seat belt switch LH
R109	2	Black	B-2		Power seat RH
R123	2	Yellow	C-3	AB62	Front door cord LH
R124	2	Yellow	B-1	AB63	Front door cord RH
R128	5	★	A-3		Sunroof switch
R167	14	Gray	C-3	i102	Instrument panel wiring harness
R187	5	Black	A-3		Sunroof switch (tilt)
R316	10	★	B-2		Audio amplifier
R317	12	★	B-2		
R331	13	★	B-1	i153	Instrument panel wiring harness
R332	18	★	B-1	i154	
R333	11	★	B-1	i155	
R339	18	★	C-3	i2	Instrument panel wiring harness
R341	12	★	B-3		Power seat LH
R342	14	Gray	B-3	R354	EPB adapter cord
R343	4	★	B-4		J/C
R344	4	★	B-4		
R346	6	★	C-3	R348	Rear wiring harness
R348	6	★	C-3	R346	
R353	10	★	B-3		Overhead console

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Rear Wiring Harness

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R354	14	Gray	B-3	R342	Rear wiring harness
R355	22	★	B-3		EPB CM
R382	4	★	B-1	i195	Instrument panel wiring harness
R383	4	★	B-2	R384	Adapter cord (audio amplifier)
R384	4	★	B-2	R383	Rear wiring harness
R385	10	★	B-1		Instrument panel wiring harness
R386	24	★	B-1		Audio amplifier
R387	3	★	B-3		Rear view mirror
★: White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB17	24	Yellow	B-3		Airbag CM
AB18	24	Yellow	B-3		
AB19	4	Yellow	C-3		Side airbag module LH
AB21	2	Black	C-4		Pretensioner LH
AB23	4	Yellow	C-4		Side airbag sensor LH
AB24	4	Yellow	B-2		Side airbag module RH
AB26	2	Black	B-3		Pretensioner RH
AB28	4	Yellow	B-3		Side airbag sensor RH
AB53	3	Brown	C-2	AB59	Occupant sensor harness
AB59	3	Brown	C-2	AB53	Rear wiring harness
AB60	2	Yellow	C-2		Buckle switch
AB61	10	Black	C-2		Occupant detection control module

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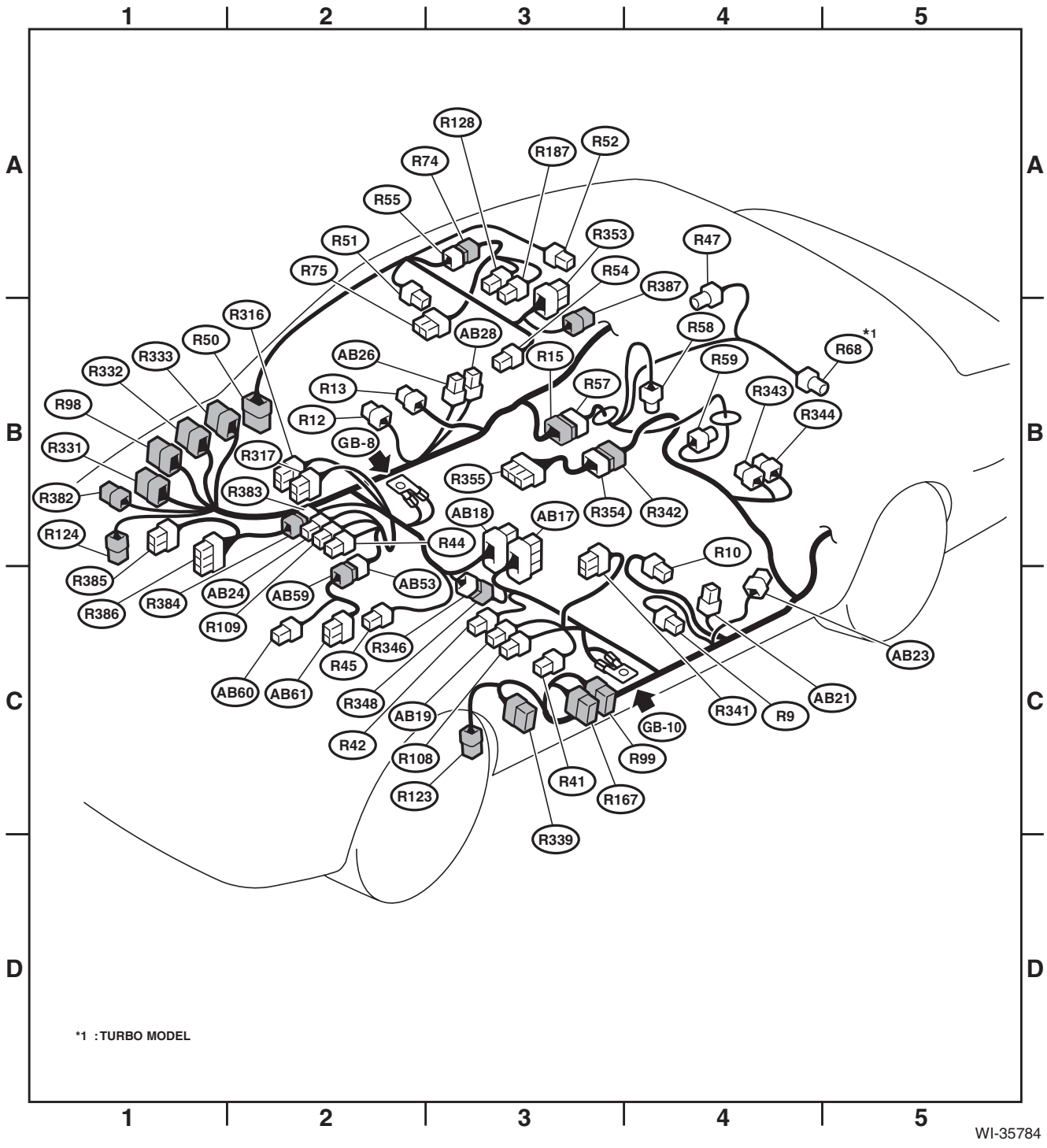
Rear Wiring Harness



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- **Vehicle identification number: Sedan model 002016 or older**

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R9	3	★	C-4		Front door switch LH
R10	8	★	C-4	D22	Rear door cord LH
R12	3	★	B-2		Front door switch RH
R13	8	★	B-2	D28	Rear door cord RH
R15	11	★	B-3	R57	Fuel cord
R41	4	★	C-3		Seat heater LH
R42	6	★	C-3		Seat heater switch LH
R44	4	★	B-2		Seat heater RH
R45	6	Brown	C-2		Seat heater switch RH
R47	3	★	A-4		Fuel tank pressure sensor
R50	16	★	B-2	i157	Instrument panel wiring harness
R51	2	★	A-2		Vanity mirror light RH
R52	3	★	A-3		Room light
R54	2	★	B-3		Vanity mirror light LH
R55	4	★	A-3	R74	Sunroof cord
R57	11	★	B-3	R15	Rear wiring harness
R58	6	★	B-4		Fuel pump assembly
R59	2	★	B-4		Fuel sub level sensor
R68	2	Dark gray	B-4		Pressure control solenoid valve (turbo model)
R74	4	★	A-3	R55	Roof cord
R75	20	★	B-3		Sunroof motor assembly
R98	14	Gray	B-1	i53	Instrument panel wiring harness
R99	16	★	C-3	i54	
R108	2	★	C-3		Seat belt switch LH
R109	2	Black	B-2		Power seat RH
R123	2	Yellow	C-3	AB62	Front door cord LH
R124	2	Yellow	B-1	AB63	Front door cord RH
R128	5	★	A-3		Sunroof switch
R167	14	Gray	C-3	i102	Instrument panel wiring harness
R187	5	Black	A-3		Sunroof switch (tilt)
R316	10	★	B-2		Audio amplifier
R317	12	★	B-2		
R331	13	★	B-1	i153	Instrument panel wiring harness
R332	18	★	B-1	i154	
R333	11	★	B-1	i155	
R339	18	★	C-3	i2	Instrument panel wiring harness
R341	12	★	B-3		Power seat LH
R342	14	Gray	B-3	R354	EPB adapter cord
R343	4	★	B-4		J/C
R344	4	★	B-4		
R353	10	★	B-3		Overhead console
R354	14	Gray	B-3	R342	Rear wiring harness
R355	22	★	B-3		EPB CM
R382	4	★	B-1	i195	Instrument panel wiring harness
R383	4	★	B-2	R384	Adapter cord (audio amplifier)
R384	4	★	B-2	R383	Rear wiring harness
R385	10	★	B-1		Instrument panel wiring harness
R386	24	★	B-1		Audio amplifier

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Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R387	3	★	B-3		Rear view mirror
★: White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB17	15	Yellow	B-3		Airbag CM
AB18	15	Yellow	B-3		
AB19	4	Yellow	C-3		Side airbag module LH
AB21	2	Black	C-4		Pretensioner LH
AB23	4	Yellow	C-4		Side airbag sensor LH
AB24	4	Yellow	B-2		Side airbag module RH
AB26	2	Black	B-3		Pretensioner RH
AB28	4	Yellow	B-3		Side airbag sensor RH
AB53	3	Brown	C-2	AB59	Occupant sensor harness
AB59	3	Brown	C-2	AB53	Rear wiring harness
AB60	2	Yellow	C-2		Buckle switch
AB61	10	Black	C-2		Occupant detection control module

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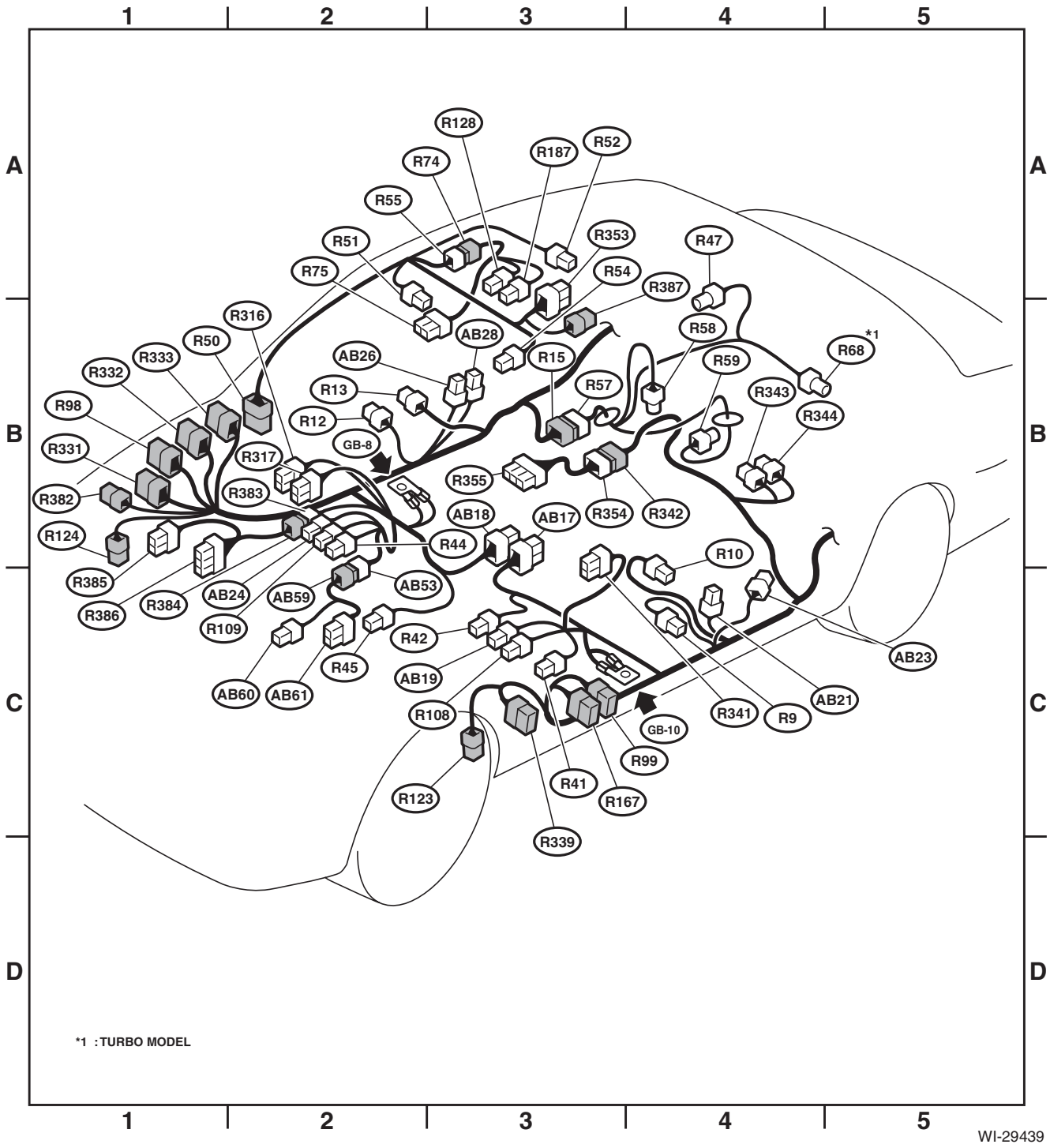
Rear Wiring Harness



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2. OUTBACK MODEL

• Vehicle identification number: OUTBACK model 200013 or later

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R9	3	★	C-4		Front door switch LH
R10	8	★	C-4	D22	Rear door cord LH
R12	3	★	B-2		Front door switch RH
R13	8	★	B-3	D28	Rear door cord RH
R15	11	★	B-3	R57	Fuel cord
R41	4	★	C-3		Seat heater LH
R42	6	★	C-3		Seat heater switch LH
R44	4	★	B-2		Seat heater RH
R45	6	Brown	C-2		Seat heater switch RH
R47	3	★	A-4		Fuel tank pressure sensor
R50	16	★	B-2	i157	Instrument panel wiring harness
R51	2	★	A-3		Vanity mirror light RH
R52	3	★	A-3		Room light
R54	2	★	B-3		Vanity mirror light LH
R55	4	★	A-3	R74	Sunroof cord
R57	11	★	B-3	R15	Rear wiring harness
R58	6	★	B-4		Fuel pump assembly
R59	2	★	B-4		Fuel sub level sensor
R74	4	★	A-3	R55	Roof cord
R75	20	★	B-3		Sunroof motor assembly
R90	12	Black	B-3		Rearview mirror (with rearview display)
R98	14	Gray	B-1	i53	Instrument panel wiring harness
R99	16	★	C-3	i54	
R108	2	★	C-3		Seat belt switch LH
R109	2	Black	B-2		Power seat RH
R123	2	Yellow	C-3	AB62	Front door cord LH
R124	2	Yellow	B-1	AB63	Front door cord RH
R128	5	★	B-3		Sunroof switch
R167	14	Gray	C-3	i102	Instrument panel wiring harness
R187	5	Black	B-3		Sunroof switch (tilt)
R316	10	★	B-2		Audio amplifier
R317	12	★	B-2		
R331	13	★	B-1	i153	Instrument panel wiring harness
R332	18	★	B-1	i154	
R333	11	★	B-1	i155	
R339	18	★	C-3	i2	Instrument panel wiring harness
R340	14	★	C-3	R389	Rear wiring harness LH
R341	12	★	C-3		Seat cord LH
R342	14	Gray	B-4	R354	EPB adapter cord
R343	4	★	B-4		J/C
R344	4	★	B-4		
R346	6	★	C-3	R348	Rear wiring harness
R348	6	★	C-3	R346	
R353	10	★	A-3		Overhead console
R354	14	Gray	B-3	R342	Rear wiring harness
R355	22	★	B-3		EPB CM

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Rear Wiring Harness

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R382	4	★	B-1	i195	Instrument panel wiring harness
R383	4	★	B-2	R384	Adapter cord (audio amplifier)
R384	4	★	B-2	R383	Rear wiring harness
R385	10	★	B-1		Instrument panel wiring harness
R386	24	★	B-2		Audio amplifier
R387	3	★	A-4		Rearview mirror (without rearview display)
R389	14	★	C-3	R340	Feeder cord
★: White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB17	24	Yellow	B-3		Airbag CM
AB18	24	Yellow	B-3		
AB19	4	Yellow	C-3		Side airbag module LH
AB21	2	Black	C-4		Pretensioner LH
AB23	4	Yellow	C-4		Side airbag sensor LH
AB24	4	Yellow	B-2		Side airbag module RH
AB26	2	Black	B-3		Pretensioner RH
AB28	4	Yellow	B-3		Side airbag sensor RH
AB53	3	Brown	C-2	AB59	Occupant sensor harness
AB59	3	Brown	C-2	AB53	Rear wiring harness
AB60	2	Yellow	C-2		Buckle switch
AB61	10	Black	C-2		Occupant detection control module

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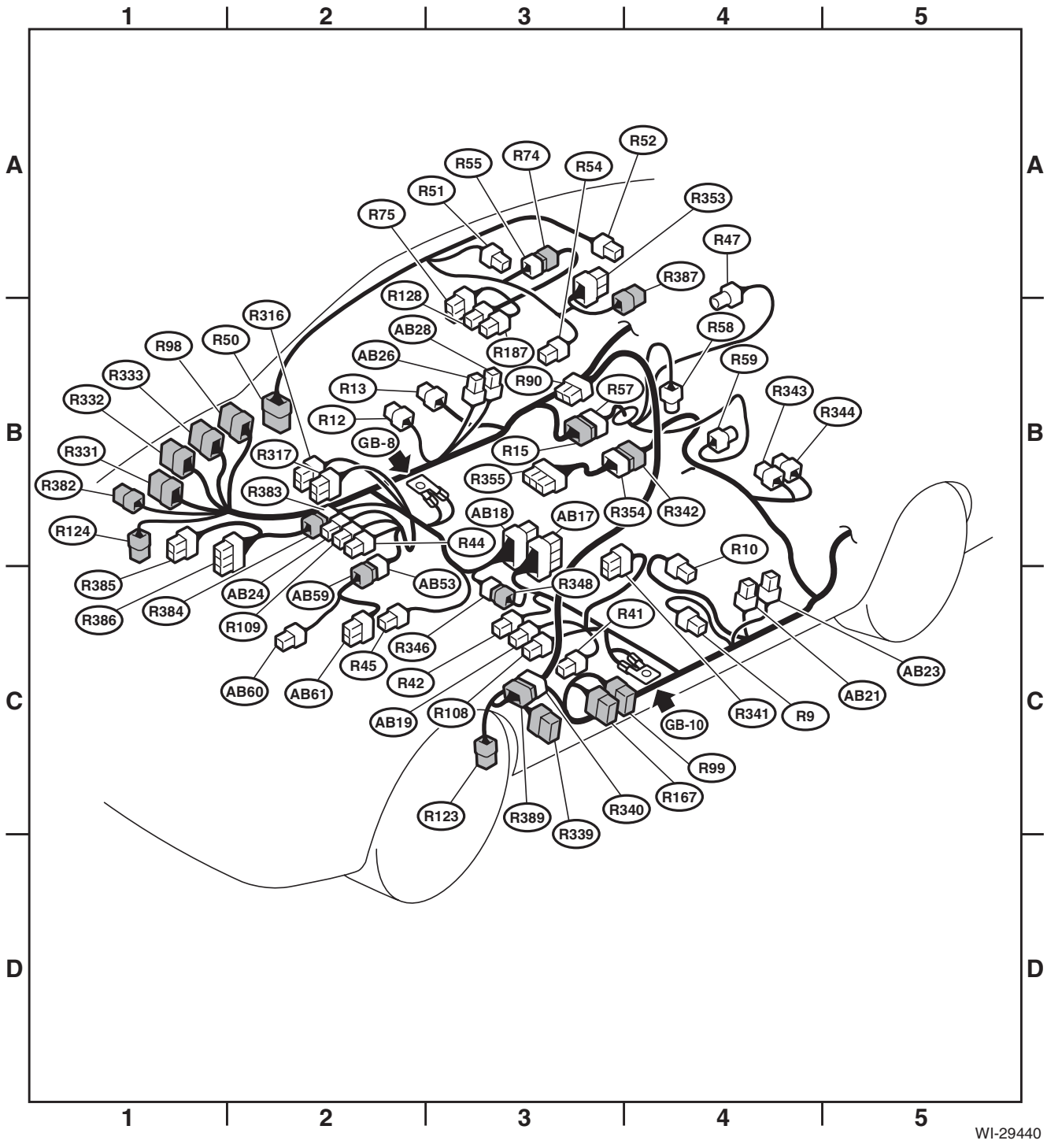
Rear Wiring Harness



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Rear Wiring Harness

- **Vehicle identification number: OUTBACK model 200012 or older**

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R9	3	★	C-4		Front door switch LH
R10	8	★	C-4	D22	Rear door cord LH
R12	3	★	B-2		Front door switch RH
R13	8	★	B-3	D28	Rear door cord RH
R15	11	★	B-3	R57	Fuel cord
R41	4	★	C-3		Seat heater LH
R42	6	★	C-3		Seat heater switch LH
R44	4	★	B-2		Seat heater RH
R45	6	Brown	C-2		Seat heater switch RH
R47	3	★	A-4		Fuel tank pressure sensor
R50	16	★	B-2	i157	Instrument panel wiring harness
R51	2	★	A-3		Vanity mirror light RH
R52	3	★	A-3		Room light
R54	2	★	B-3		Vanity mirror light LH
R55	4	★	A-3	R74	Sunroof cord
R57	11	★	B-3	R15	Rear wiring harness
R58	6	★	B-4		Fuel pump assembly
R59	2	★	B-4		Fuel sub level sensor
R74	4	★	A-3	R55	Roof cord
R75	20	★	B-3		Sunroof motor assembly
R90	12	Black	B-3		Rearview mirror (with rearview display)
R98	14	Gray	B-1	i53	Instrument panel wiring harness
R99	16	★	C-3	i54	
R108	2	★	C-3		Seat belt switch LH
R109	2	Black	B-2		Power seat RH
R123	2	Yellow	C-3	AB62	Front door cord LH
R124	2	Yellow	B-1	AB63	Front door cord RH
R128	5	★	B-3		Sunroof switch
R167	14	Gray	C-3	i102	Instrument panel wiring harness
R187	5	Black	B-3		Sunroof switch (tilt)
R316	10	★	B-2		Audio amplifier
R317	12	★	B-2		
R331	13	★	B-1	i153	Instrument panel wiring harness
R332	18	★	B-1	i154	
R333	11	★	B-1	i155	
R339	18	★	C-3	i2	Instrument panel wiring harness
R340	14	★	C-3	R389	Rear wiring harness LH
R341	12	★	C-3		Seat cord LH
R342	14	Gray	B-4	R354	EPB adapter cord
R343	4	★	B-4		J/C
R344	4	★	B-4		
R346	4	★	C-3	R348	Rear wiring harness
R348	4	★	C-3	R346	
R353	10	★	A-3		Overhead console
R354	14	Gray	B-3	R342	Rear wiring harness
R355	22	★	B-3		EPB CM
R382	4	★	B-1	i195	Instrument panel wiring harness
R383	4	★	B-2	R384	Adapter cord (audio amplifier)

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Rear Wiring Harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R384	4	★	B-2	R383	Rear wiring harness
R385	10	★	B-1		Instrument panel wiring harness
R386	24	★	B-2		Audio amplifier
R387	3	★	A-4		Rearview mirror (without rearview display)
R389	14	★	C-3	R340	Feeder cord
★: White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB17	24	Yellow	B-3		Airbag CM
AB18	24	Yellow	B-3		
AB19	4	Yellow	C-3		Side airbag module LH
AB21	2	Black	C-4		Pretensioner LH
AB23	4	Yellow	C-4		Side airbag sensor LH
AB24	4	Yellow	B-2		Side airbag module RH
AB26	2	Black	B-3		Pretensioner RH
AB28	4	Yellow	B-3		Side airbag sensor RH
AB53	3	Brown	C-2	AB59	Occupant sensor harness
AB59	3	Brown	C-2	AB53	Rear wiring harness
AB60	2	Yellow	C-2		Buckle switch
AB61	10	Black	C-2		Occupant detection control module

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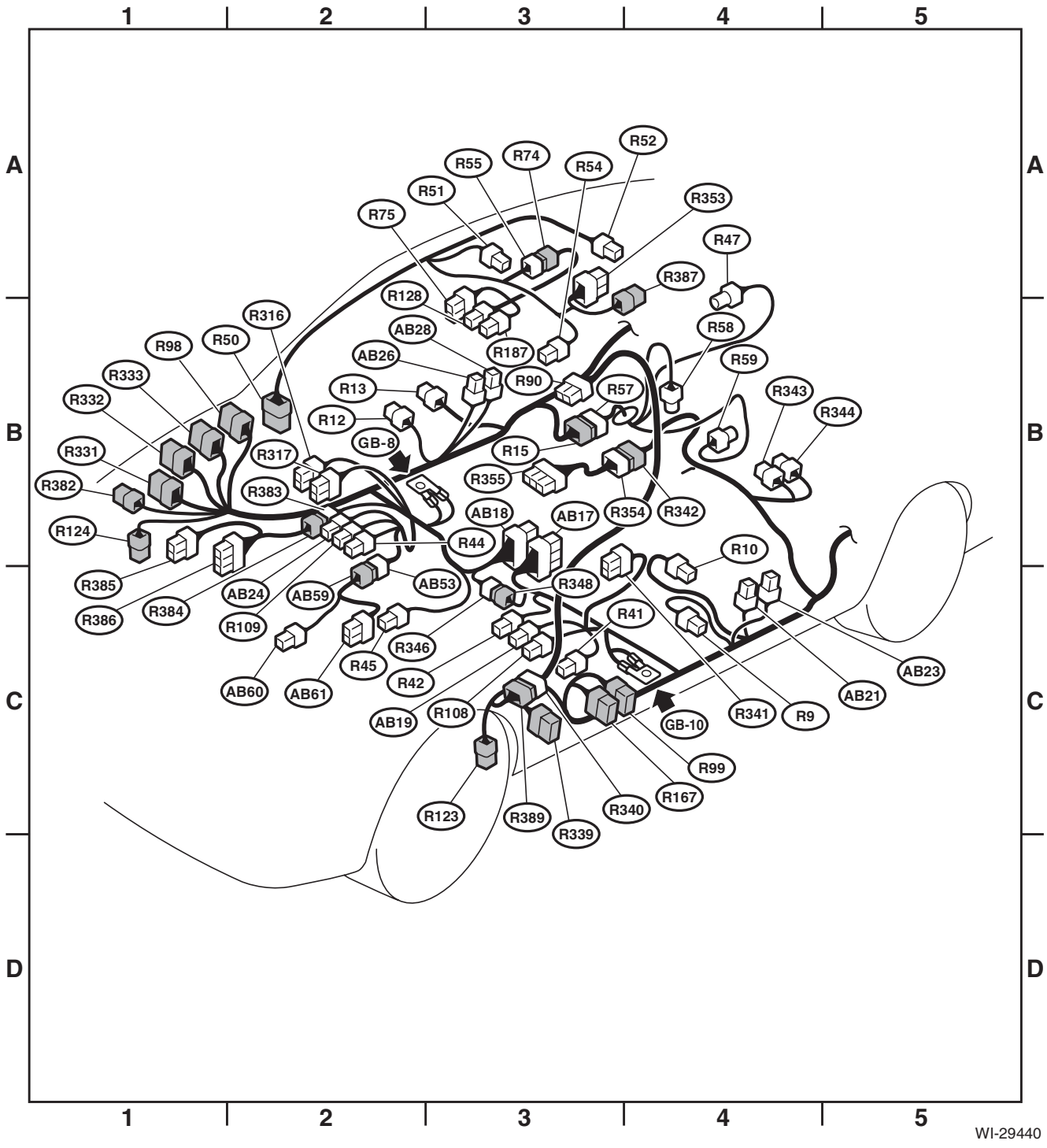
Rear Wiring Harness



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61.Door Cord

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
D2	2	★	C-2		Front door speaker RH
D3	6	Dark gray	B-2		Front power window motor RH
D5	6	★	C-3		Outer mirror assembly LH (except for C6 model)
	10	★	C-4		Outer mirror assembly LH (C6 model)
D7	3	★	C-3		Power window main switch
D10	2	★	C-4		Door step light LH
D12	2	★	C-4		Front door speaker LH
D13	6	Dark gray	C-4		Front power window motor LH
D15	6	★	B-2		Outer mirror assembly RH (except for C6 model)
	10	★	B-2		Outer mirror assembly RH (C6 model)
D17	8	★	B-2		Front power window sub-switch
D18	2	★	C-4		Front door lock actuator LH
D20	2	★	B-3		Door step light RH
D22	8	★	C-4	R10	Rear wiring harness LH
D23	2	★	C-4		Rear door speaker LH
D24	6	Dark gray	B-4		Rear power window motor LH
D25	8	★	B-4		Rear power window sub-switch LH
D26	2	★	B-5		Rear door lock actuator LH
D28	8	★	B-3	R13	Rear wiring harness RH
D29	2	★	B-3		Rear door speaker RH
D30	6	Dark gray	B-3		Rear power window motor RH
D31	8	★	B-3		Rear power window sub-switch RH
D32	2	★	B-3		Rear door lock actuator RH
D72	2	★	B-3		Front door lock actuator RH
D83	28	★	B-2	i76	Instrument panel wiring harness
D84	28	★	C-3	i101	
D95	16	★	C-3		Power window main switch
D125	5	★	B-2		Passenger's seat door lock switch
D144	12	★	C-2	D146	Adapter cord (power window sub-switch)
D145	20	★	C-3	D147	Adapter cord (power window main switch)
D146	12	★	C-2	D144	Front door cord RH
D147	20	★	C-3	D145	Front door cord LH
★: White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB58	2	Yellow	C-4		Front door impact sensor LH
AB62	2	Yellow	C-3	R123	Rear wiring harness LH
AB63	2	Yellow	C-1	R124	Rear wiring harness RH
AB64	2	Yellow	B-3		Front door impact sensor RH

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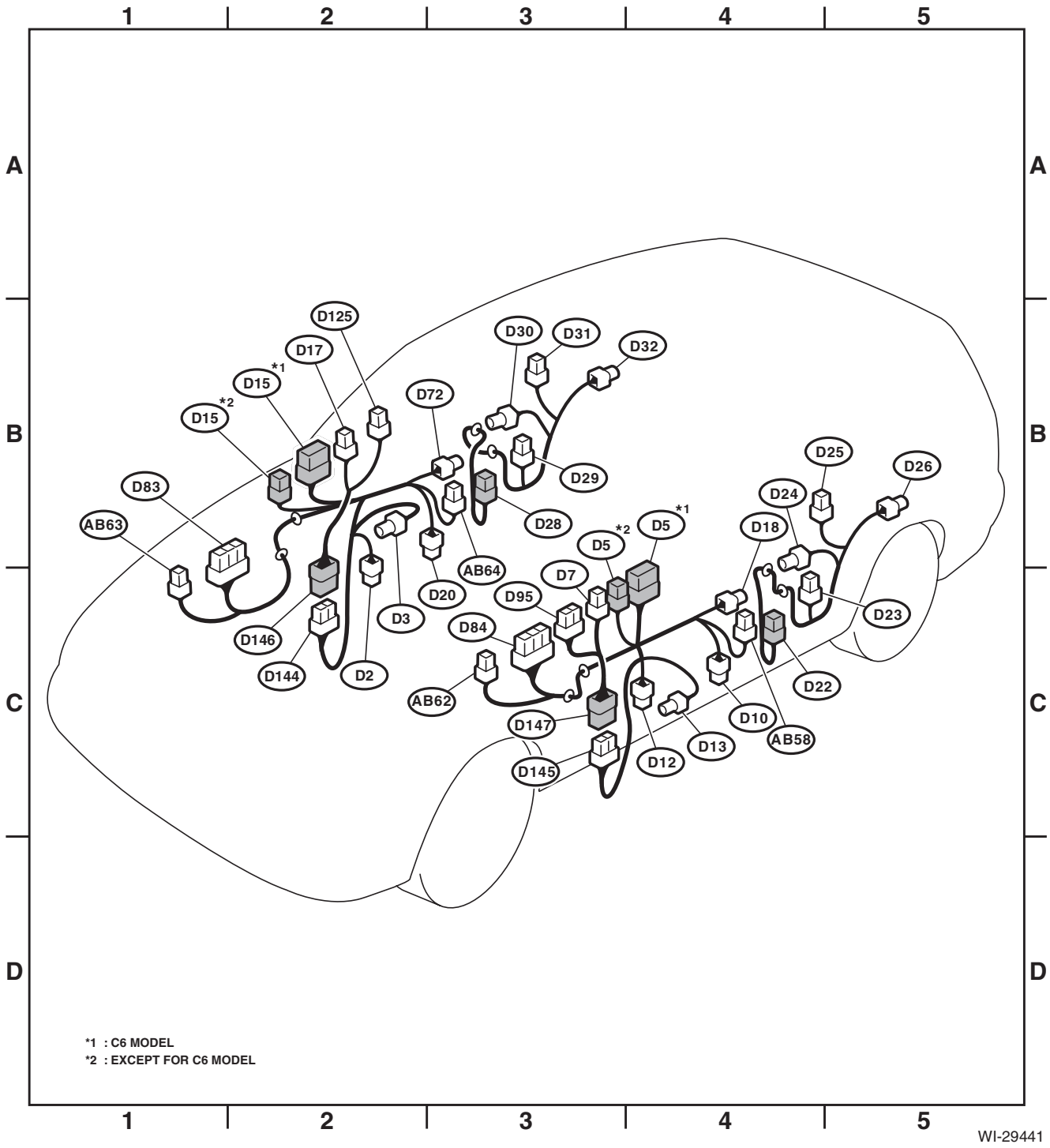
Door Cord



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62.Rear Wiring Harness and Trunk Lid Cord

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R16	3	★	B-3		Rear door switch RH
R19	2	★	B-2		High-mounted stop light
R20	2	★	B-5		Trunk room light
R22	3	★	B-1		Rear door switch LH
R24	10	★	B-4	R60	Trunk lid cord
R26	6	★	B-5		Rear combination light RH
R28	6	★	C-3		Rear combination light LH
R60	10	★	B-5	R24	Rear wiring harness
R66	2	★	B-4		High-mounted stop light (with rear spoiler)
R72	2	Light gray	C-3		Rear ABS wheel speed sensor RH
R73	2	Light gray	C-2		Rear ABS wheel speed sensor LH
R76	2	★	C-4		License plate light LH
R77	2	★	C-4		License plate light RH
R97	2	★	B-2		Antenna amplifier
R117	4	★	B-4		Woofer
R122	10	★	B-5		Fuel pump CM
R144	2	Black	C-2		Drain valve
R174	2	★	B-4		Rear defogger
R186	3	★	C-4		Trunk lid lock actuator & switch
R221	12	★	B-3		TPMS & keyless entry CM (with TPMS)
R330	4	★	C-4		Rearview camera
R336	4	★	B-4		J/C
R345	8	★	B-3		Keyless entry CM (without TPMS)
R350	3	★	C-4		Rear finisher light LH (tail light)
R351	3	★	C-5		Rear finisher light RH (tail light)
★: White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB31	2	Black	B-2		Curtain airbag module LH
AB32	4	Yellow	C-1		Curtain airbag sensor LH
AB33	2	Black	B-4		Curtain airbag module RH
AB34	4	Yellow	B-3		Curtain airbag sensor RH

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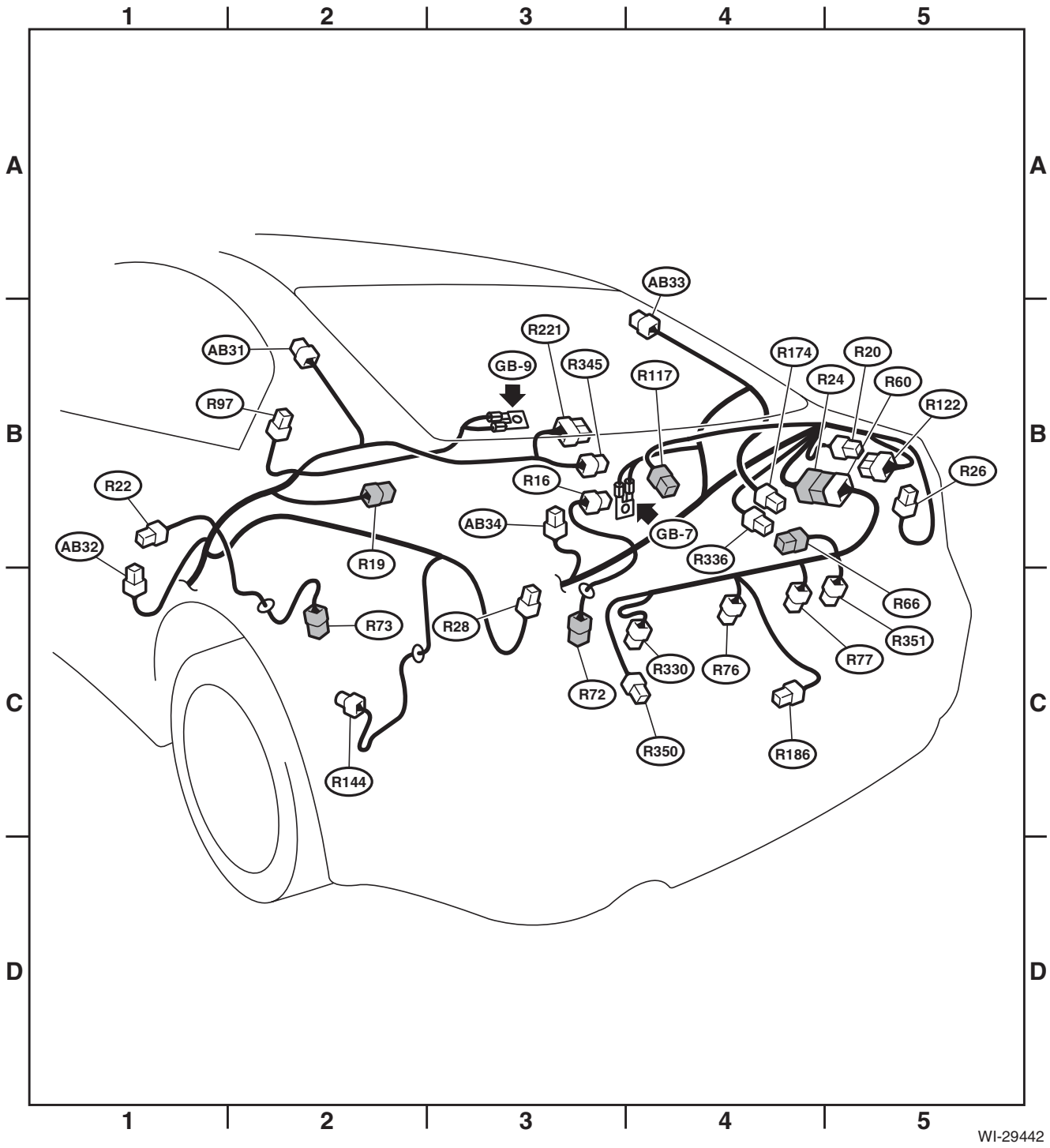
Rear Wiring Harness and Trunk Lid Cord



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63.Rear Wiring Harness and Rear Gate Cord

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R16	3	★	B-3		Rear door switch RH
R22	3	★	C-1		Rear door switch LH
R26	4	★	C-5		Rear combination light RH
R28	4	★	C-2		Rear combination light LH
R32	2	★	C-3		Rear accessory power supply socket (cargo room)
R38	13	★	B-3	D34	Rear gate cord
R72	2	Light gray	C-3		Rear ABS wheel speed sensor RH
R73	2	Light gray	C-2		Rear ABS wheel speed sensor LH
R79	8	★	C-2		Trailer connector
R117	4	★	C-4		Woofer
R122	10	★	C-4		Fuel pump CM
R144	2	Black	D-2		Drain valve
R221	12	★	C-2		TPMS & keyless entry CM (with TPMS)
R330	4	★	B-2	R356	Rear gate cord (rearview camera)
R336	4	★	C-2		J/C
R345	8	★	C-2		Keyless entry CM (without TPMS)
R347	3	★	B-3		Luggage room light
R356	4	★	B-2	R330	Rear wiring harness
R357	6	★	A-3		Rearview camera
R407	1	★	B-2		Antenna amplifier
★: White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
D34	13	★	B-3	R38	Rear wiring harness
D39	2	★	B-3		High-mounted stop light
D43	4	★	A-4		Rear wiper motor
D44	2	★	A-4		License plate light
D47	4	★	A-4		Rear gate lock actuator & latch switch
D77	6	★	A-4		Rear gate opener button
D87	2	★	A-5		Rear finisher light RH (back-up light)
D89	2	★	A-4		Rear defogger
D91	2	★	A-3		Rear finisher light LH (back-up light)
D134	2	★	A-3		Rear finisher light LH (tail light)
D139	2	★	B-5		Rear finisher light RH (tail light)
★: White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
AB31	2	Black	C-2		Curtain airbag module LH
AB32	4	Yellow	C-1		Curtain airbag sensor LH
AB33	2	Black	B-4		Curtain airbag module RH
AB34	4	Yellow	C-3		Curtain airbag sensor RH

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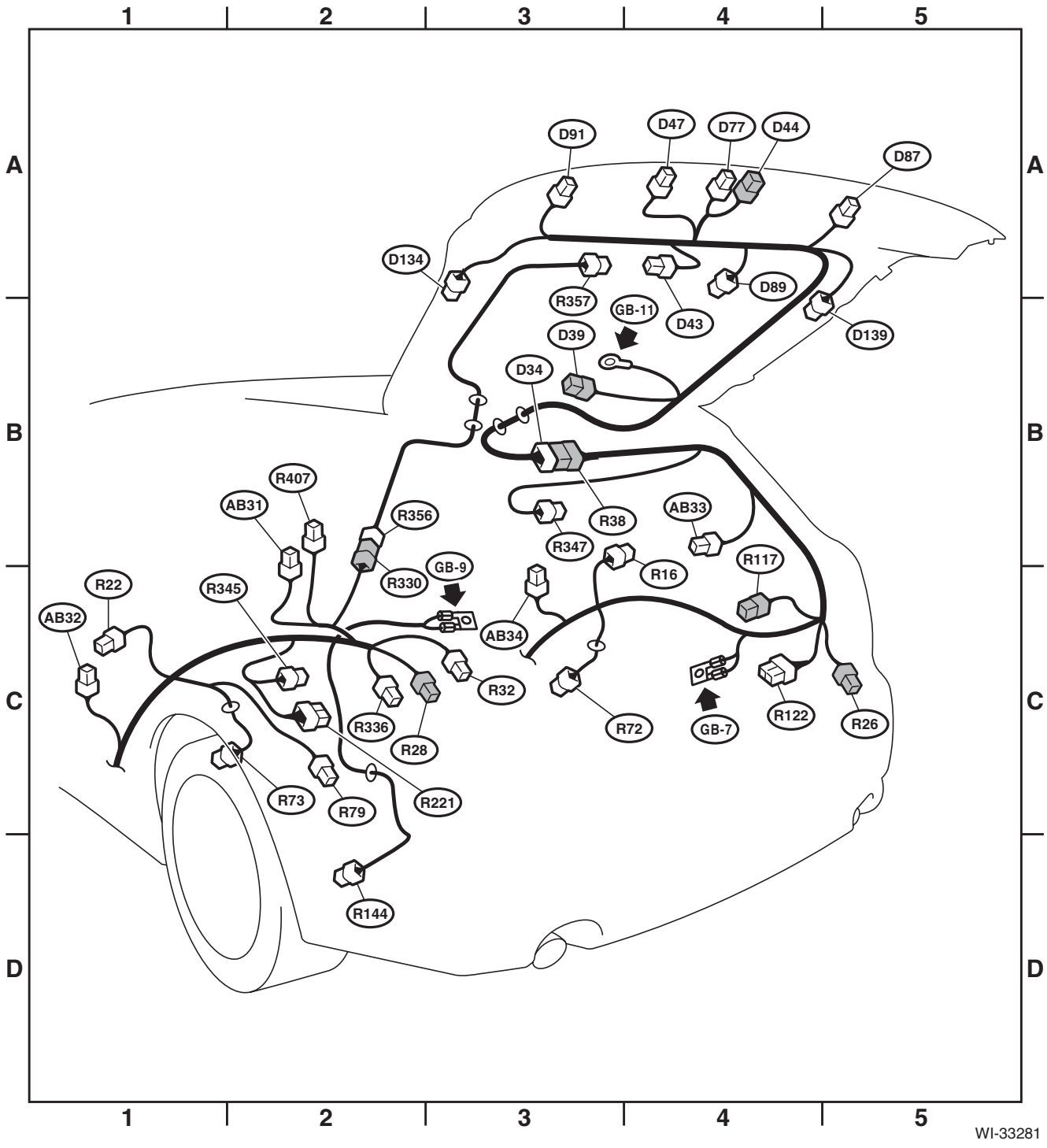
Rear Wiring Harness and Rear Gate Cord



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