

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.

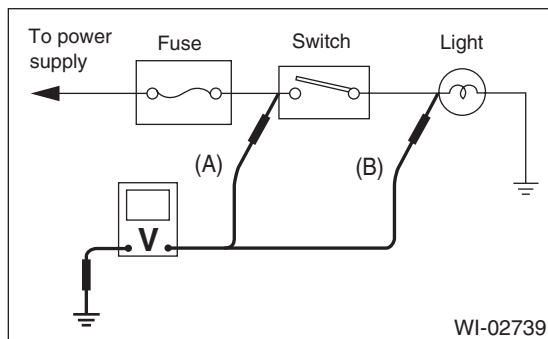
5. SYSTEM OPERATION CHECK

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.

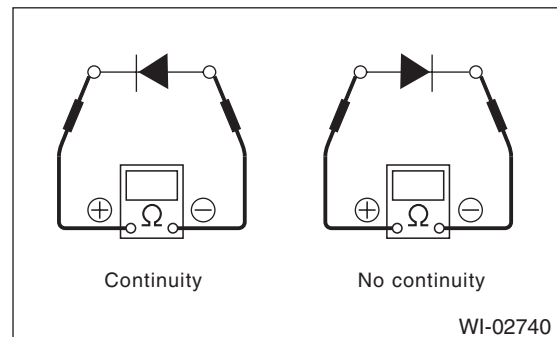
2. CIRCUIT CONTINUITY CHECKS

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

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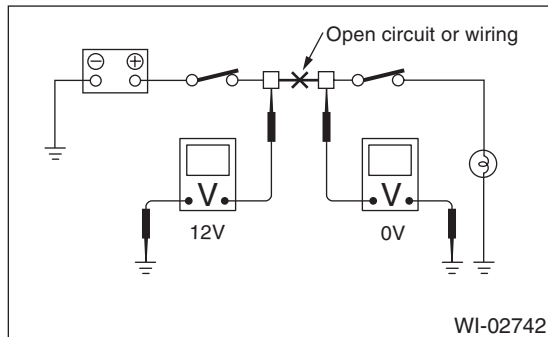
Basic Diagnostic Procedure

WIRING SYSTEM

3. HOW TO DETERMINE AN OPEN CIRCUIT

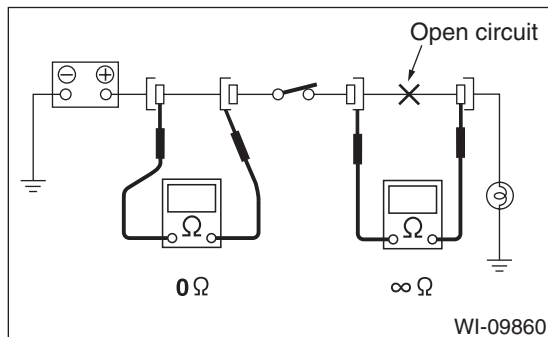
1) WITH VOLTMETER:

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



2) WITH OHMMETER:

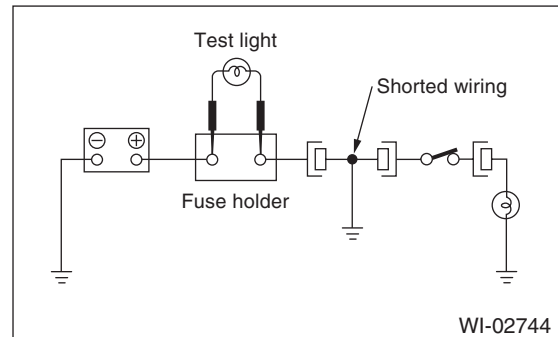
Disconnect all connectors affected, and check continuity in the wiring between adjacent connectors. When the ohmmeter indicates "infinite", the wiring is open.



4. HOW TO DETERMINE A SHORT CIRCUIT

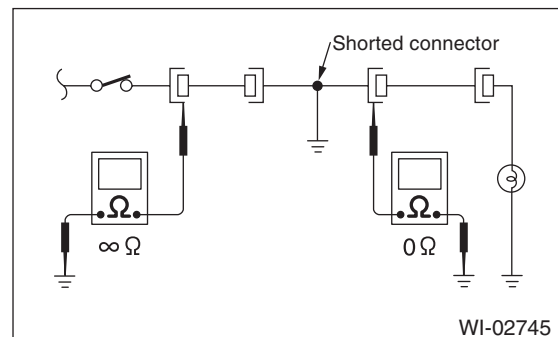
1) WITH TEST LIGHT:

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



2) WITH OHMMETER:

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



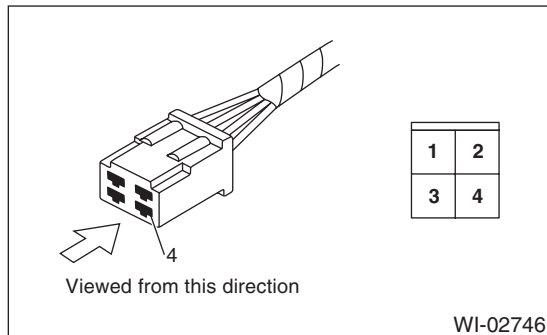
C: HOW TO READ WIRING DIAGRAMS

1. WIRING DIAGRAM

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

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

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



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

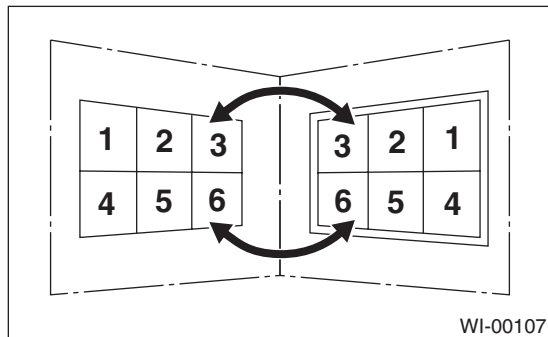
Connector used in vehicle	Connector shown in wiring diagram		
	Sketch	Symbol	Number of poles
	Double frames Indicates a lock is included. Indicates the number of poles.		Numbered in order from upper right to lower left.
	Indicates a lock is included. Single frame		Numbered in order from upper left to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

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WIRING SYSTEM

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



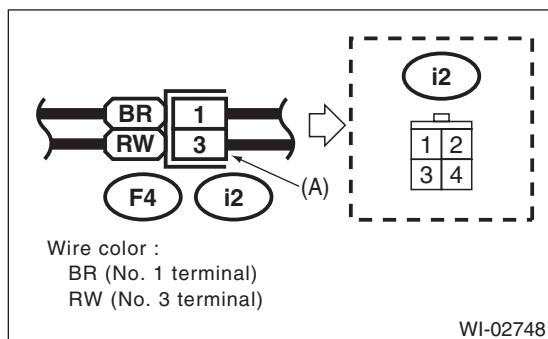
• WIRING DIAGRAM:

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

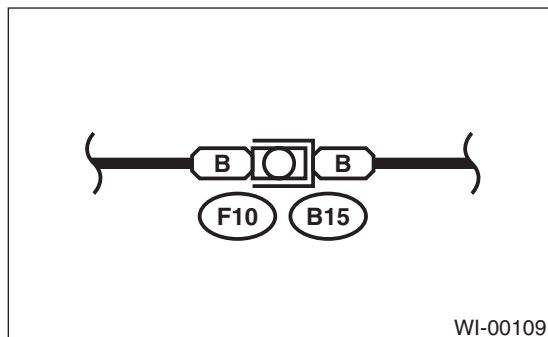
- The sketch of each connector in the wiring diagram usually shows the (A) side of the connector. The relationship between the wire color, terminal number and connector is described in the figure.

NOTE:

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

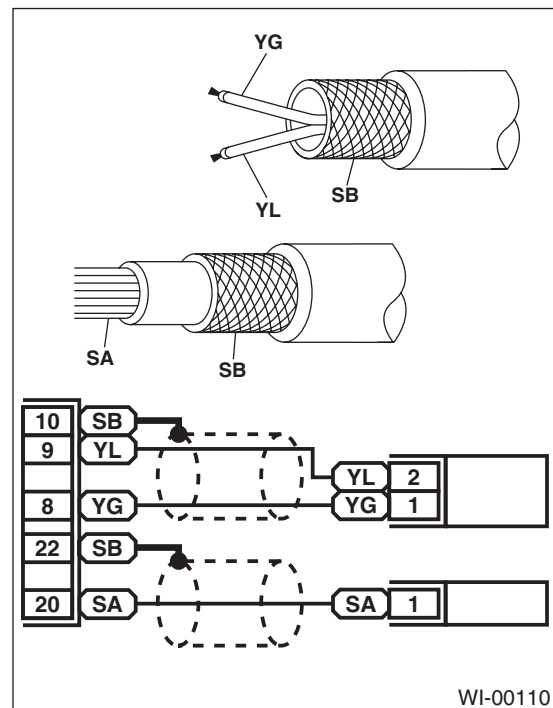


- In the wiring diagram, connectors which have no terminal number refer to one-pole types. Sketches of these connectors are omitted intentionally.

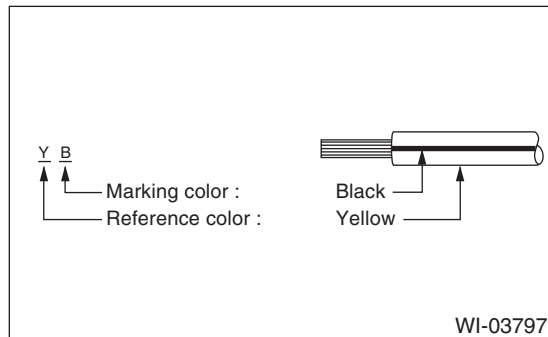


- The following color codes are used to indicate the colors of the wires.

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



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



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

CAUTION:

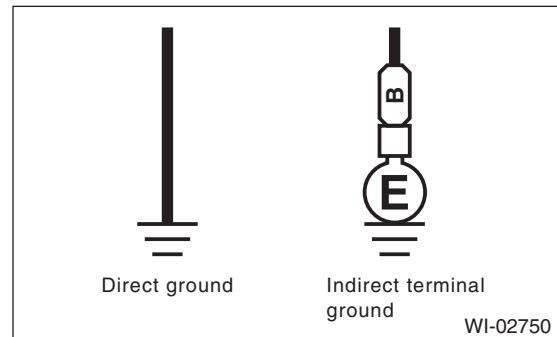
When replacing or repairing a wire, be sure to use the same size and type of the wire which was originally used.

NOTE:

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

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

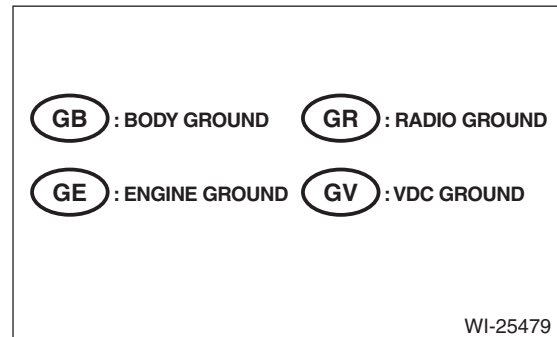
- Each unit is either directly grounded to the body or indirectly grounds through a harness ground terminal. Different symbols are used in the wiring diagram to identify the two grounding systems.



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

NOTE:

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

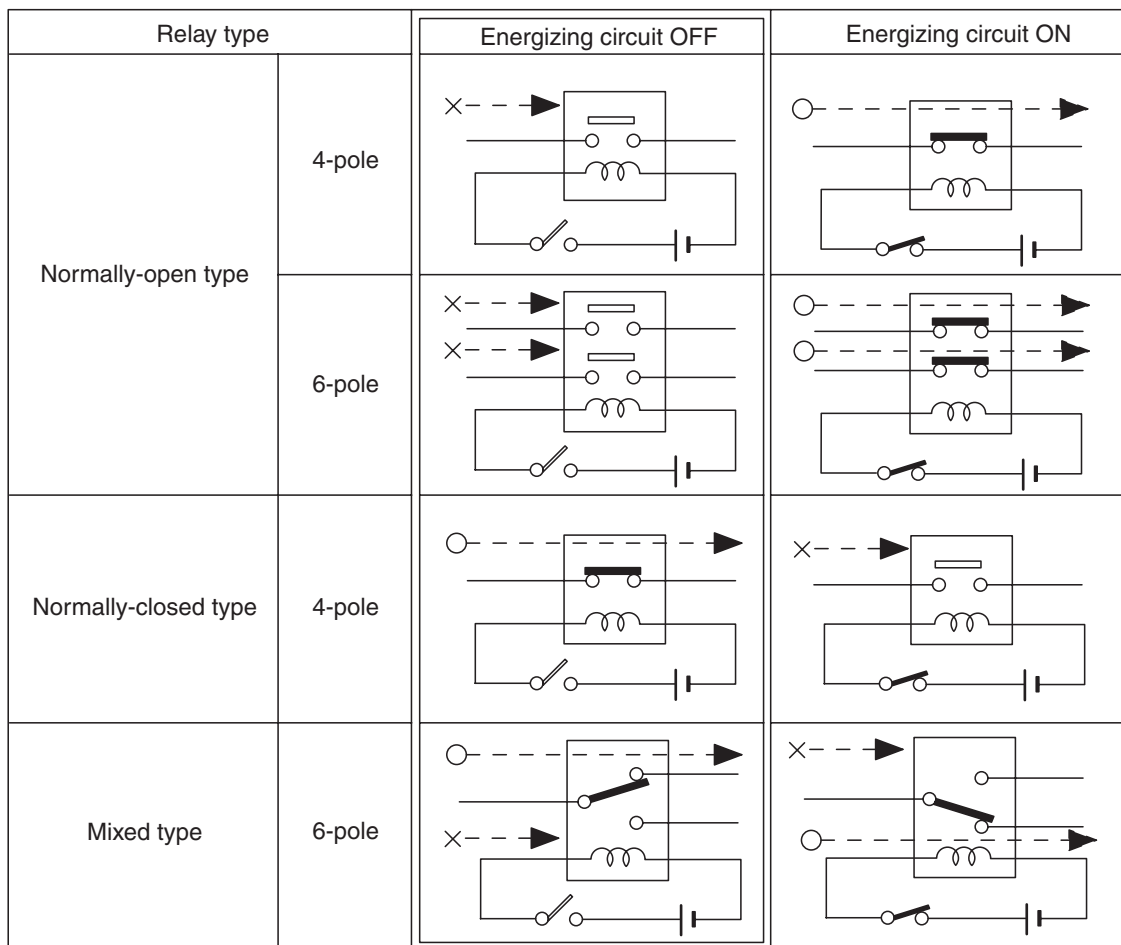


Basic Diagnostic Procedure

WIRING SYSTEM

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

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



Key to symbols:

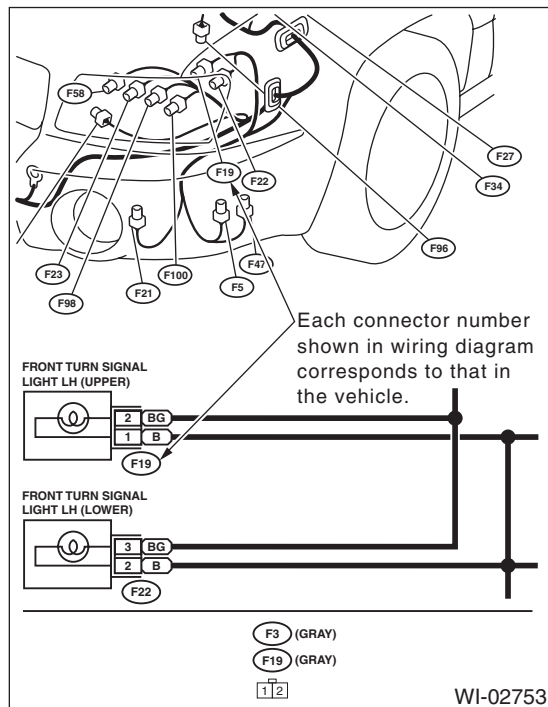
○ —▶ : Current flows.

× —▶ : Current does not flow.

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

Symbol	Wiring harness and cord
F	Front wiring harness
B	Bulkhead wiring harness
E	Engine wiring harness
T	Transmission cord
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

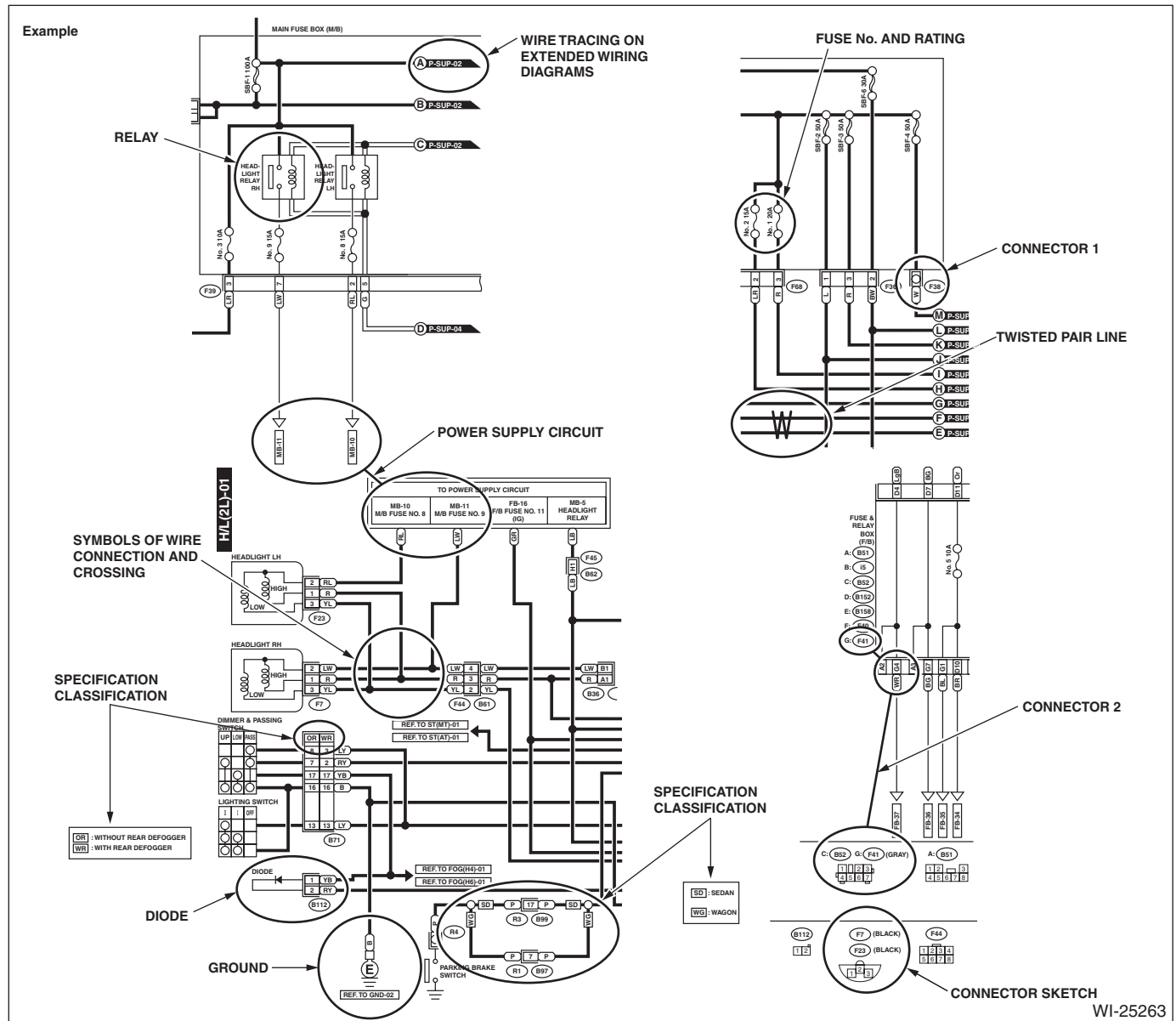


Basic Diagnostic Procedure

WIRING SYSTEM

D: SYMBOLS IN WIRING DIAGRAMS

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



1. RELAY

A symbol used to indicate a relay.

2. CONNECTOR 1

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

3. WIRING CONNECTION

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

4. FUSE NO. & RATING

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

5. CONNECTOR 2

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

6. CONNECTOR SKETCH

- Each connector sketch clearly identifies the shape and color of a connector as well as terminal locations. Non-colored connectors are indicated in 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

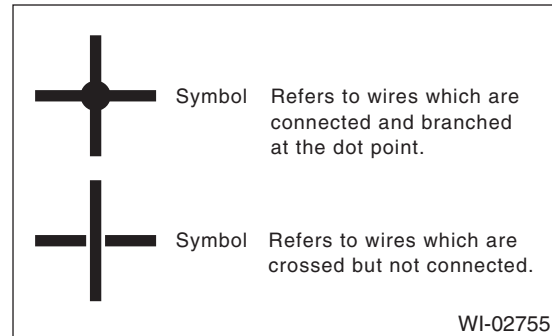
A symbol is used to indicate a diode.

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

10. SYMBOLS OF WIRE CONNECTION AND CROSSING



11. POWER SUPPLY CIRCUIT

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

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

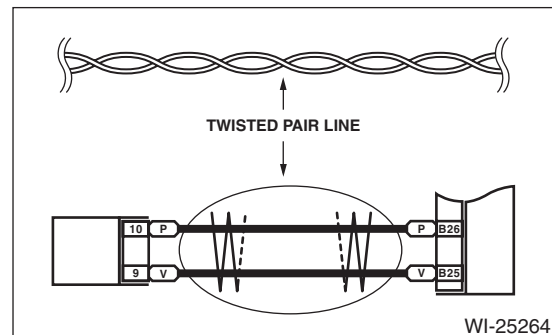
Accordingly, using the "DC POWER SUPPLY CIRCUIT" and wiring diagrams permits service personnel to understand the entire electrical arrangement of a system.

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.

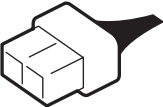
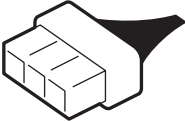
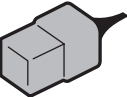
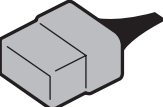
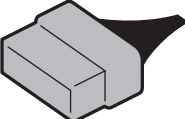
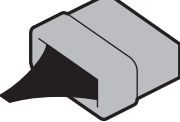


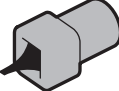
Basic Diagnostic Procedure

WIRING SYSTEM

E: CONNECTOR SYMBOL IN WIRING HARNESS

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

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

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

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F: ABBREVIATION IN WIRING DIAGRAMS

Abbr.	Full name
A/B	Air Bag
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
ELCM	Evaporative Leak Check Module
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

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

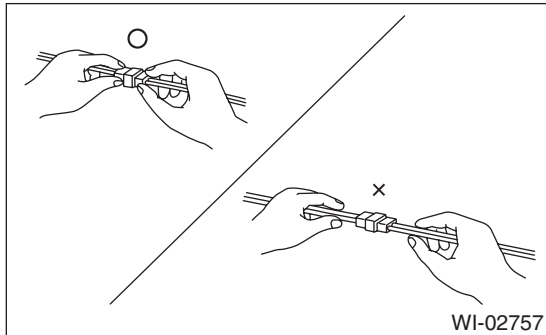
2. Working Precautions

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

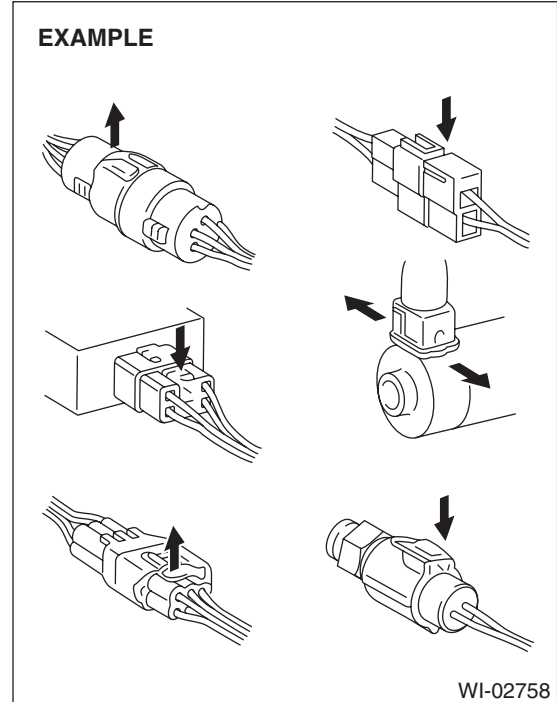
- 1) When working under a vehicle which is jacked-up, always be sure to use rigid rack.
- 2) The parking brake must always be applied during working. Also, in automatic transmission vehicles, keep the select lever set to the P (Parking) range.
- 3) Be sure the workshop is properly ventilated when running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

B: PRECAUTIONS IN TROUBLE DIAGNOSIS AND REPAIR OF ELECTRIC PARTS

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

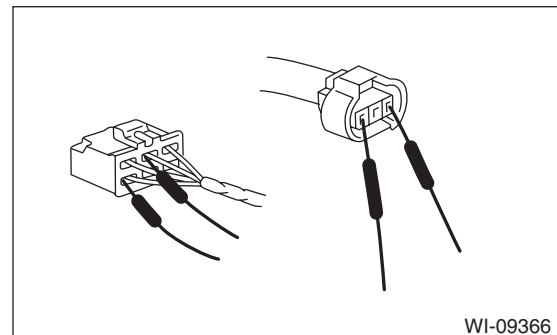


- 5) Some connectors are provided with a lock. One type of such a connector is disconnected by pushing the lock, and the other, by moving the lock up. In either type the lock shape must be identified before attempting to disconnect the connector. To connect, insert the connector until it snaps and confirm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



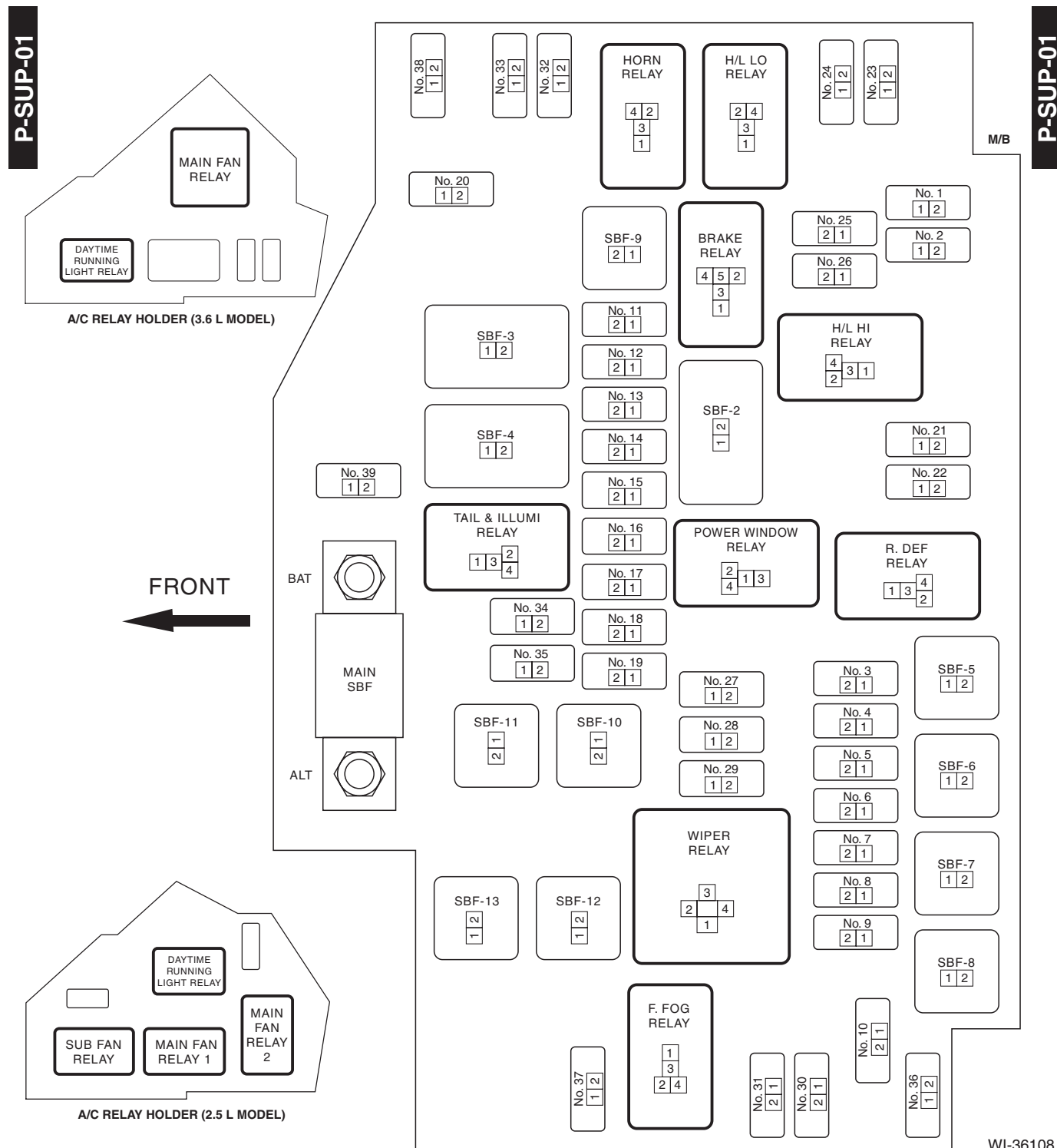
- 7) Sensors, relays, electrical unit, etc., are sensitive to strong impacts. Handle them with care so that they are not dropped or mishandled.

3. Power Supply Circuit

A: WIRING DIAGRAM

1. WITHOUT PUSH BUTTON START

- Engine room side



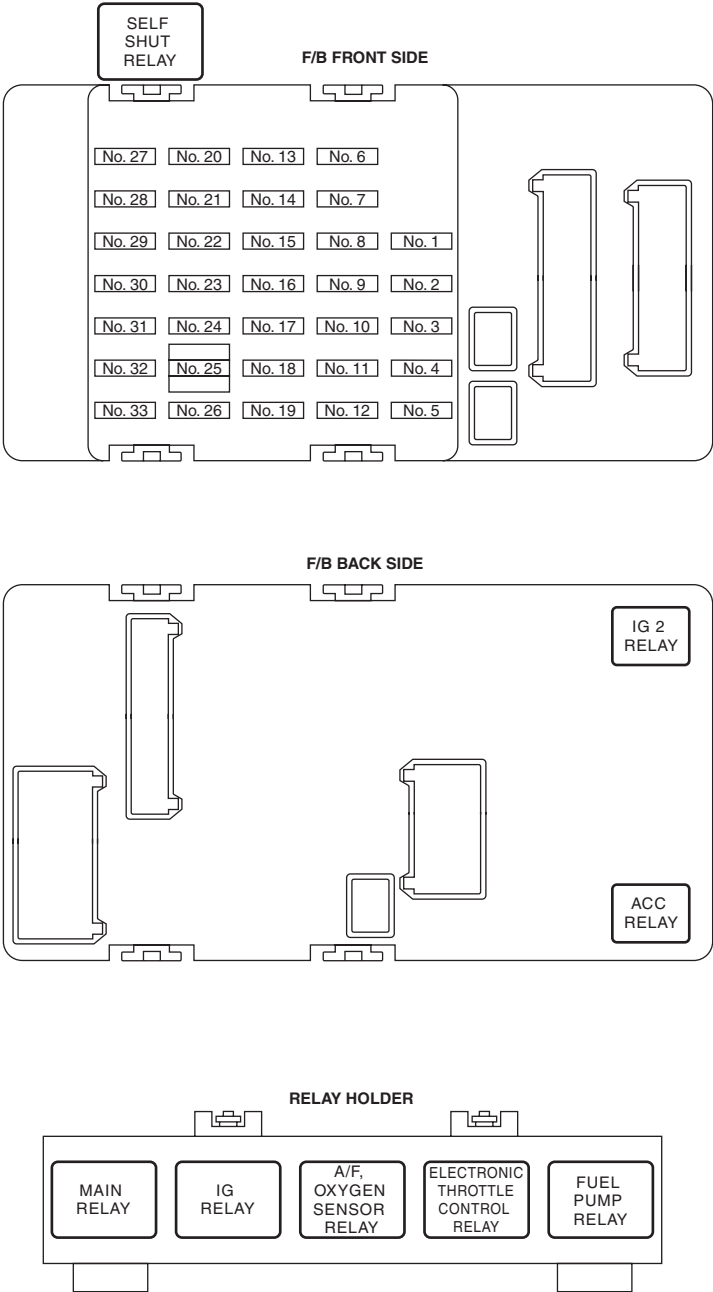
Power Supply Circuit

WIRING SYSTEM

- Passenger room side

P-SUP-02

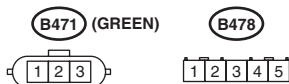
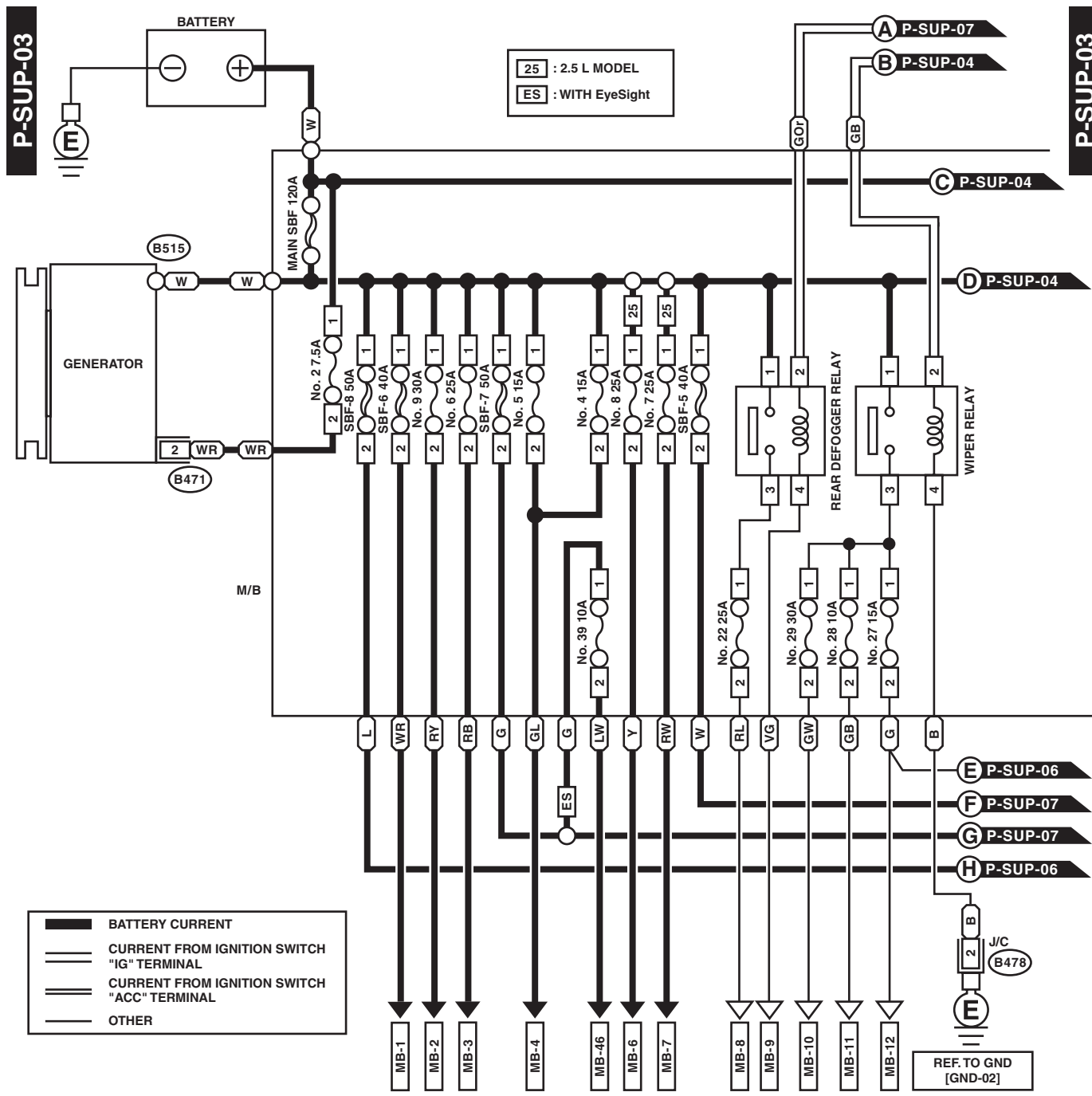
P-SUP-02



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Power Supply Circuit

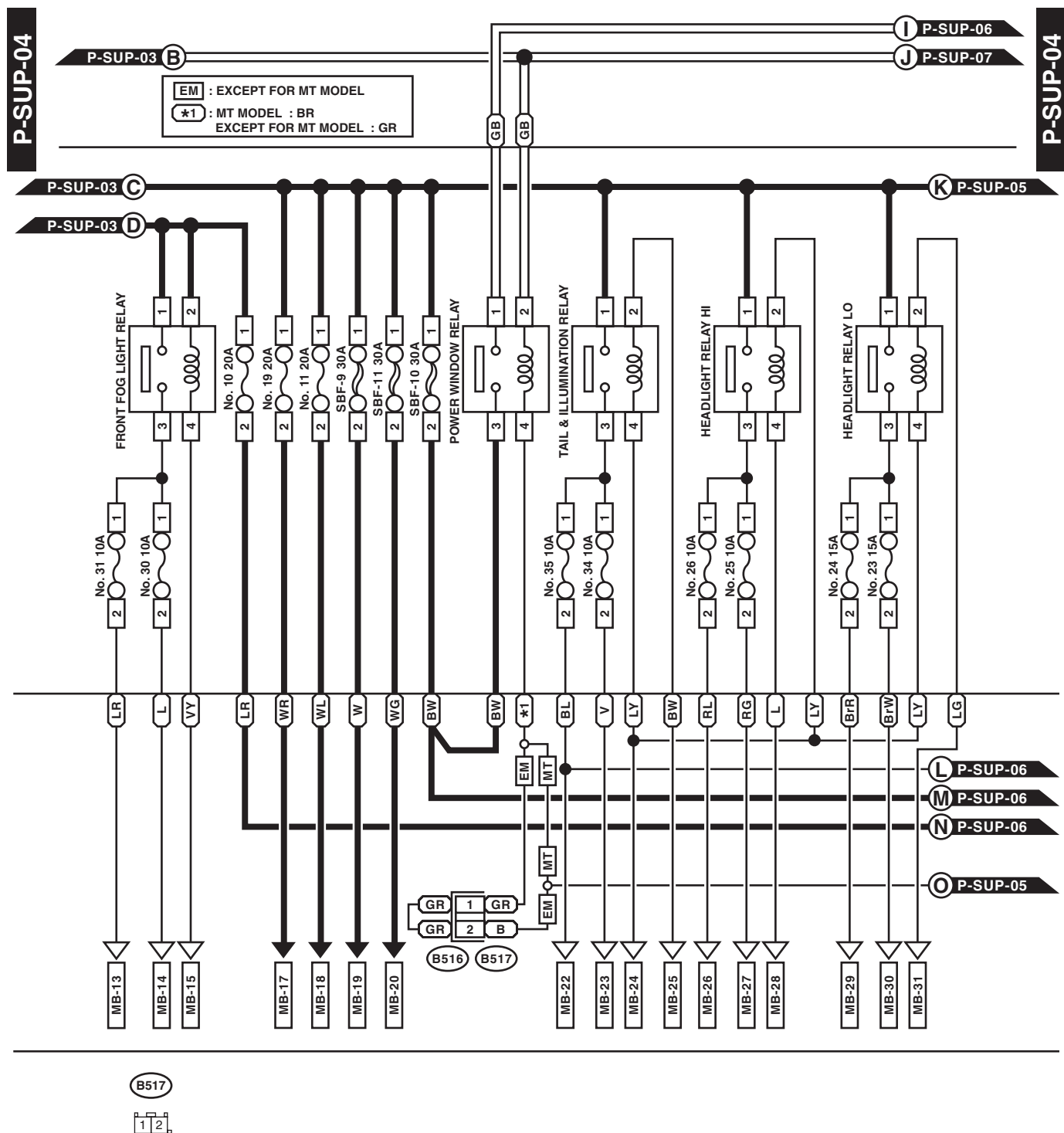
WIRING SYSTEM



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Power Supply Circuit

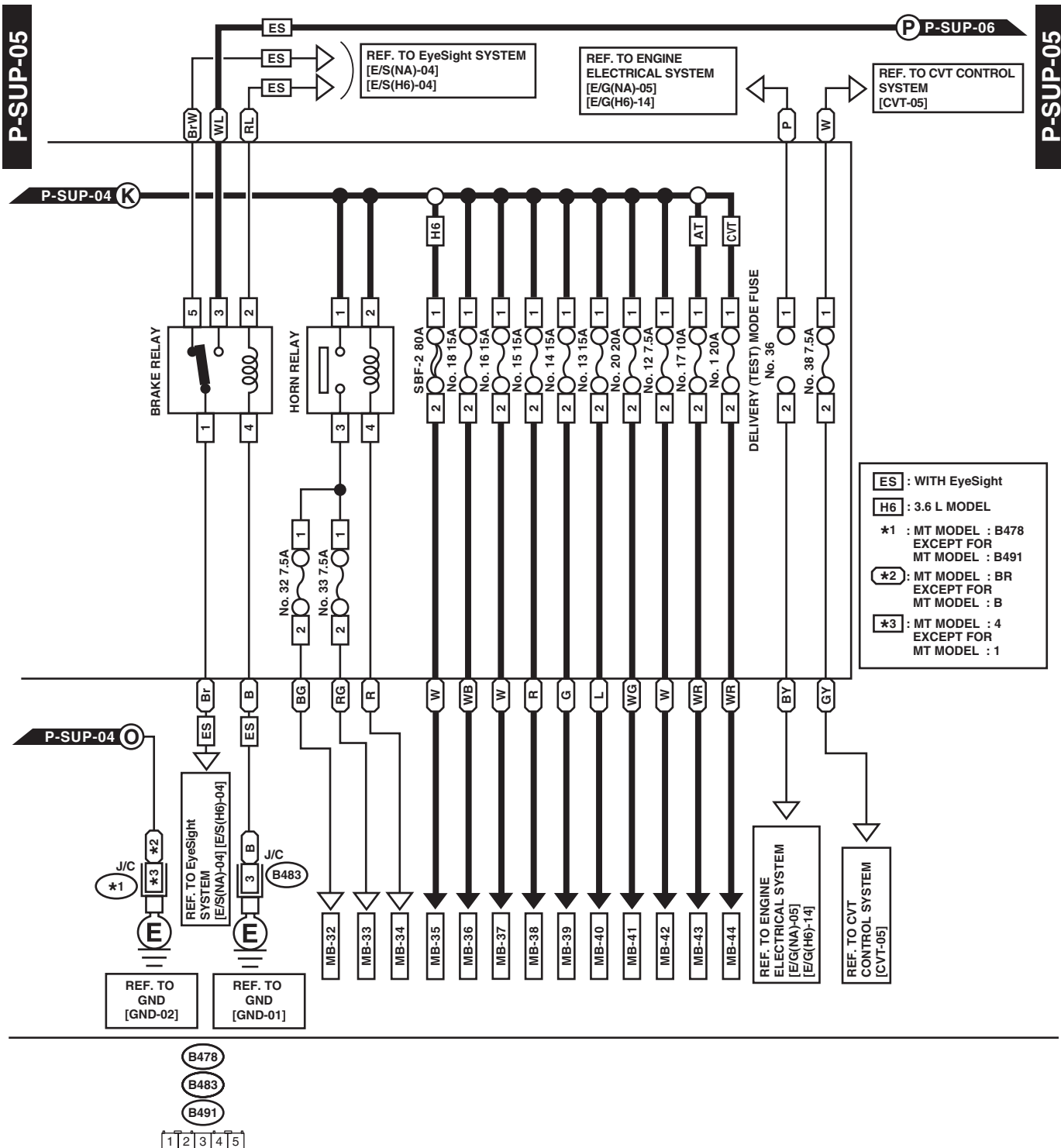
WIRING SYSTEM



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Power Supply Circuit

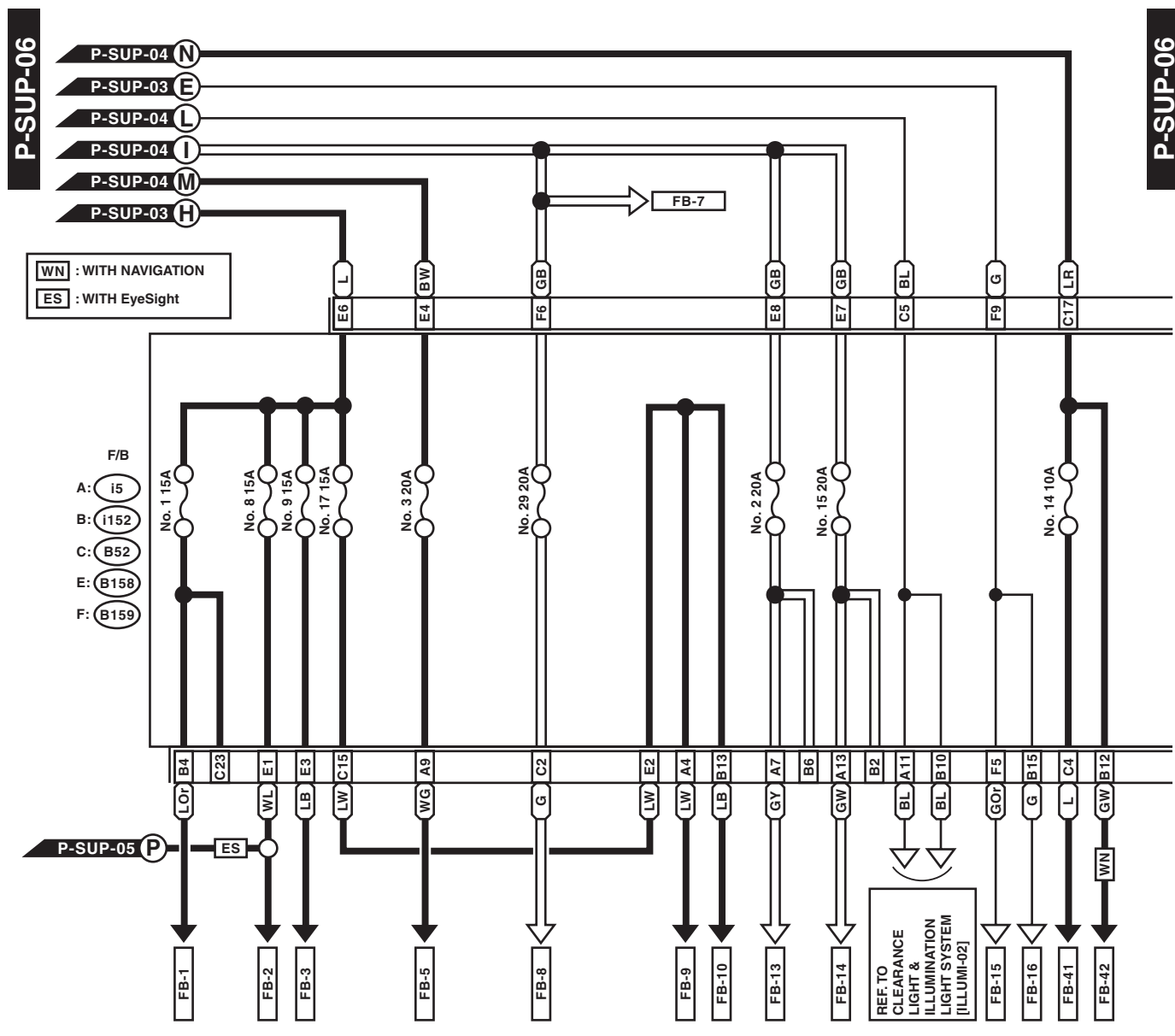
WIRING SYSTEM



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Power Supply Circuit

WIRING SYSTEM



E: B158

1	2		3	4
5	6	7	8	

F: B159 (BROWN)

1	2		3	4
5	6	7	8	9

A: i5

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

B: i152

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

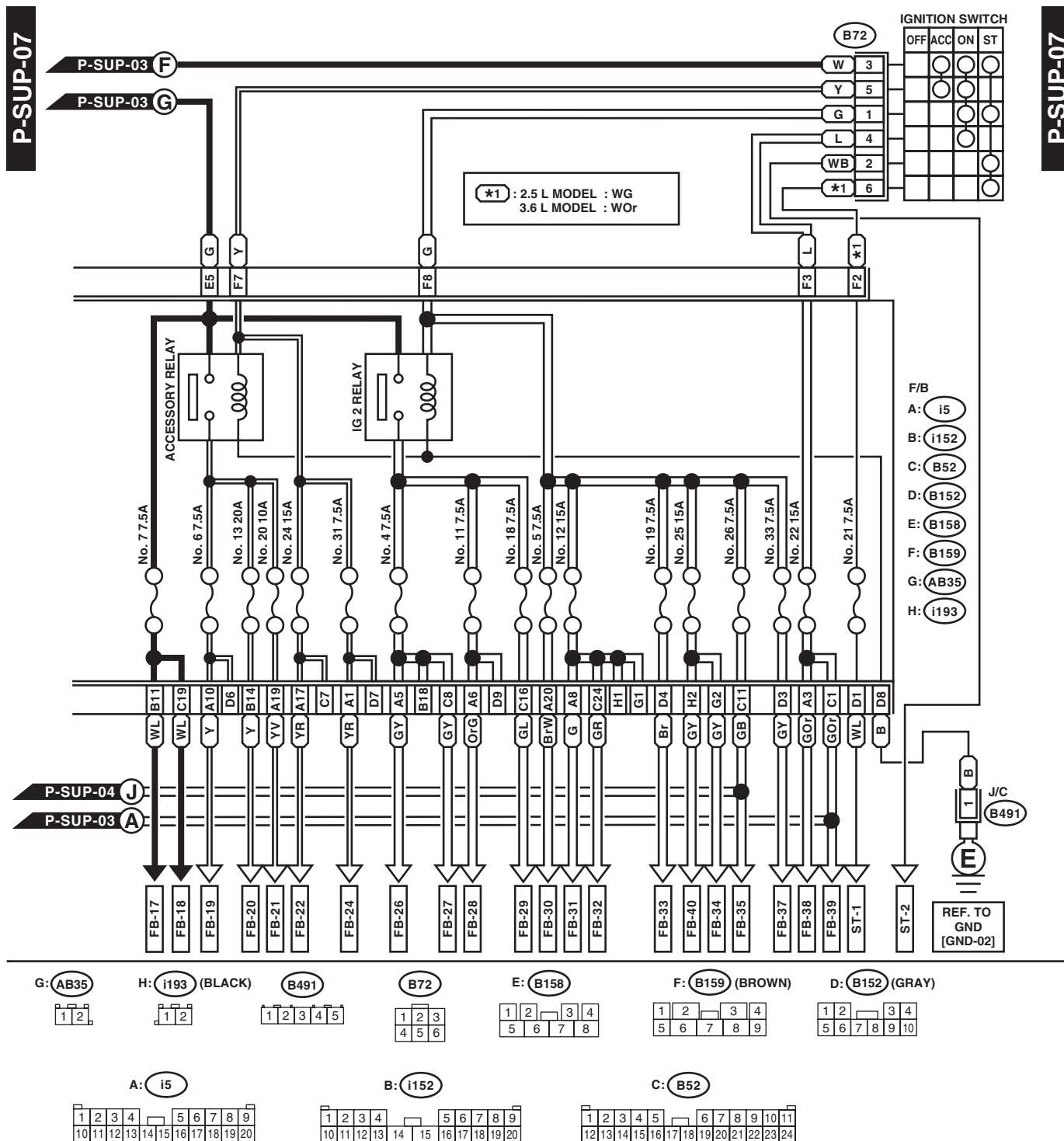
C: B52

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

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Power Supply Circuit

WIRING SYSTEM



WI-36113

Power Supply Circuit

WIRING SYSTEM

No.	Load
MB-1	VDC CM
MB-2	VDC CM
MB-3	Audio connector
	Audio
	Audio amplifier
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-17	Body integrated unit
MB-18	Sunroof motor assembly
MB-19	EPB CM
MB-20	Power seat LH
	Power seat RH
	Power seat (with seat position memory)
MB-22	Front combination light LH (clearance light)
	Front combination light RH (clearance light)
	F/B
MB-23	Satellite switch illumination
	Stereo camera cover (with EyeSight)
	Steering 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)

No.	Load
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
MB-46	Stereo camera
ST-1	Inhibitor relay
	Starter relay
	Clutch stroke sensor (clutch start switch)
ST-2	Starter relay
FB-1	Trailer connector
FB-2	Stop light and brake switch
	Stop light register
	Brake relay
FB-3	Seat heater relay
FB-5	Power window main switch
FB-7	Power window circuit breaker
FB-8	Front power window sub-switch
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 home link)
FB-20	Rear accessory power supply socket
FB-21	Front accessory power supply socket

Power Supply Circuit

WIRING SYSTEM

No.	Load
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
	Sunroof motor assembly
	TPMS & keyless entry CM
	Stereo camera
	Power seat (with seat position memory)
	Rearview mirror (with home link)
FB-27	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
FB-32	TCM
	ECM
	Fuel pump relay
FB-33	Hill hold switch
	EPB CM
FB-34	Airbag CM
FB-35	Main fan relay 1 (2.5 L model)
	Main fan relay 2 (2.5 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

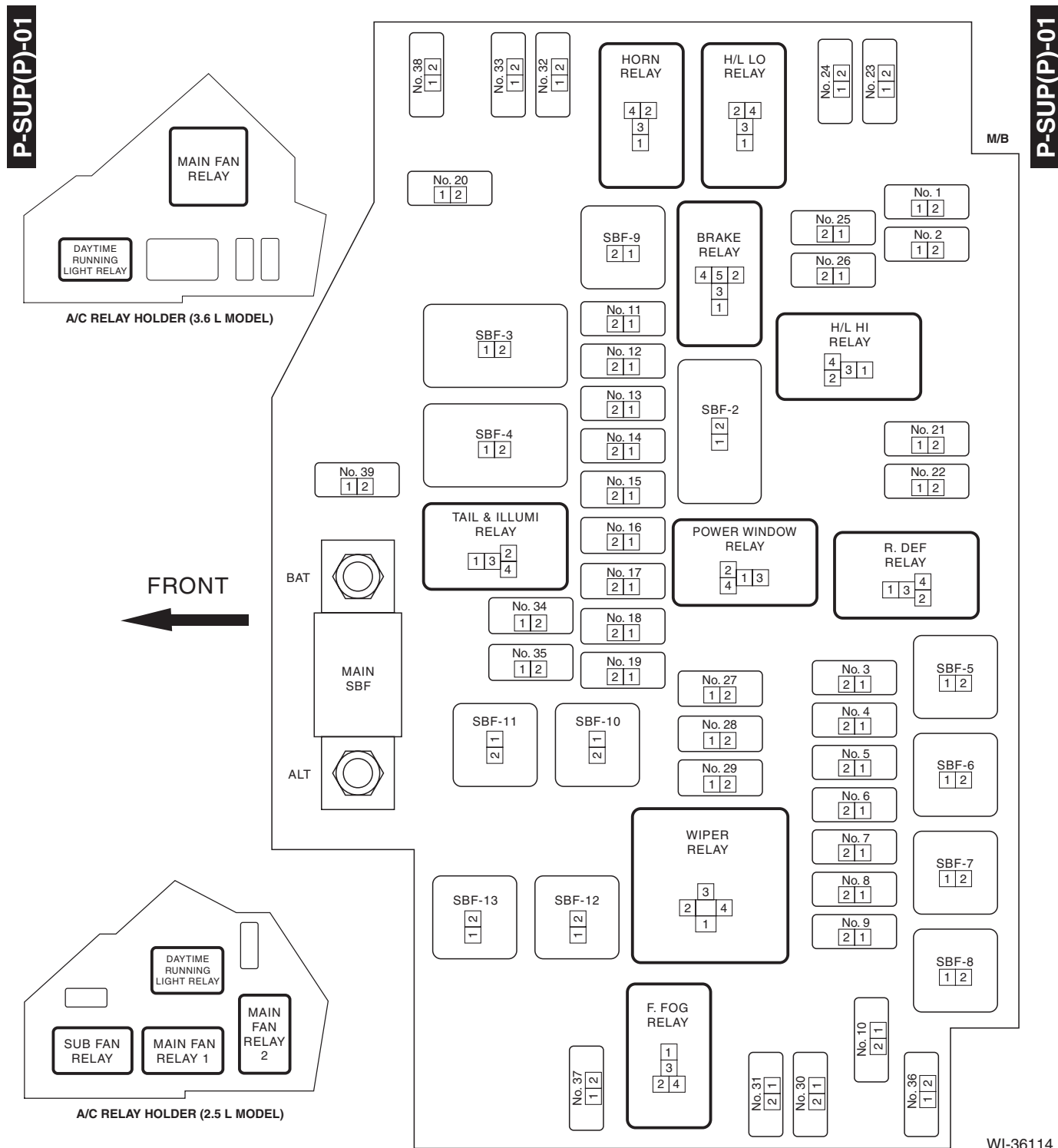
No.	Load
FB-41	Audio connector
	Audio
	Body integrated unit
	Clock
	Puddle light LH
	Puddle light RH
	Room light
	Spot map light (without EyeSight)
	Stereo camera cover (with EyeSight)
	Vanity mirror light LH
	Vanity mirror light RH
	Trunk room light
	Luggage room light
	Door step light LH
	Door step light RH
	Keyless entry CM
	TPMS & keyless entry CM
	Rearview mirror (with home link)
FB-42	Navigation unit

Power Supply Circuit

WIRING SYSTEM

2. WITH PUSH BUTTON START

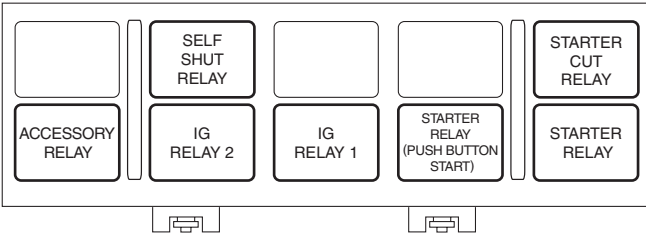
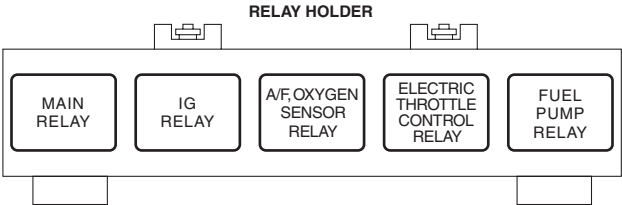
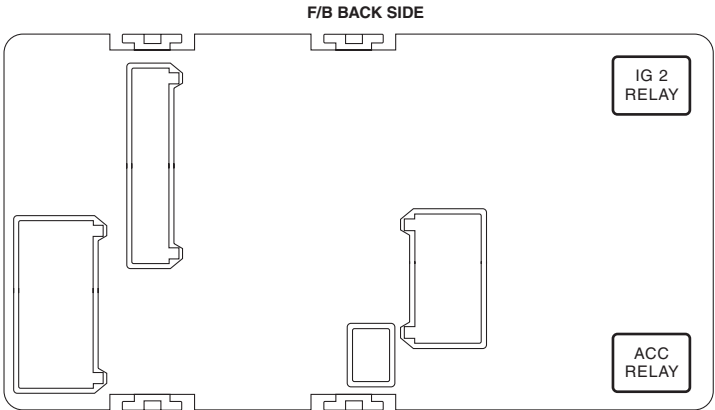
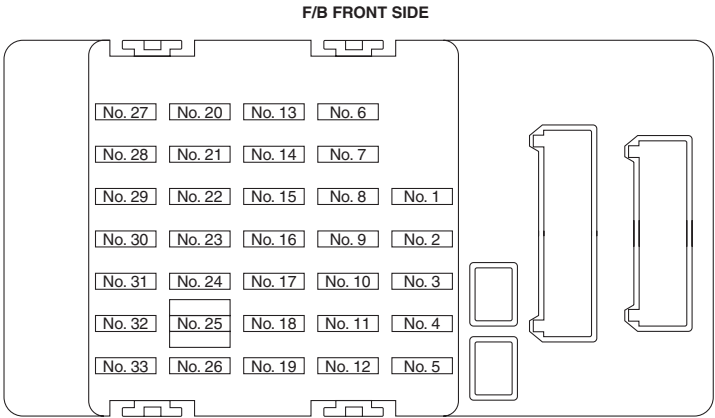
- Engine room side



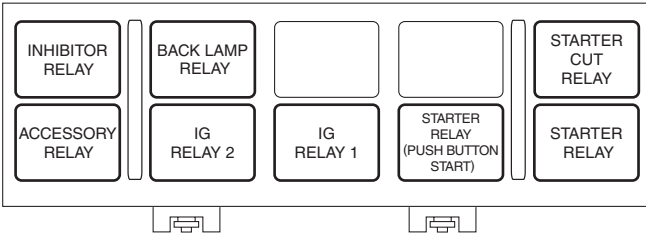
• Passenger room side

P-SUP(P)-02

P-SUP(P)-02



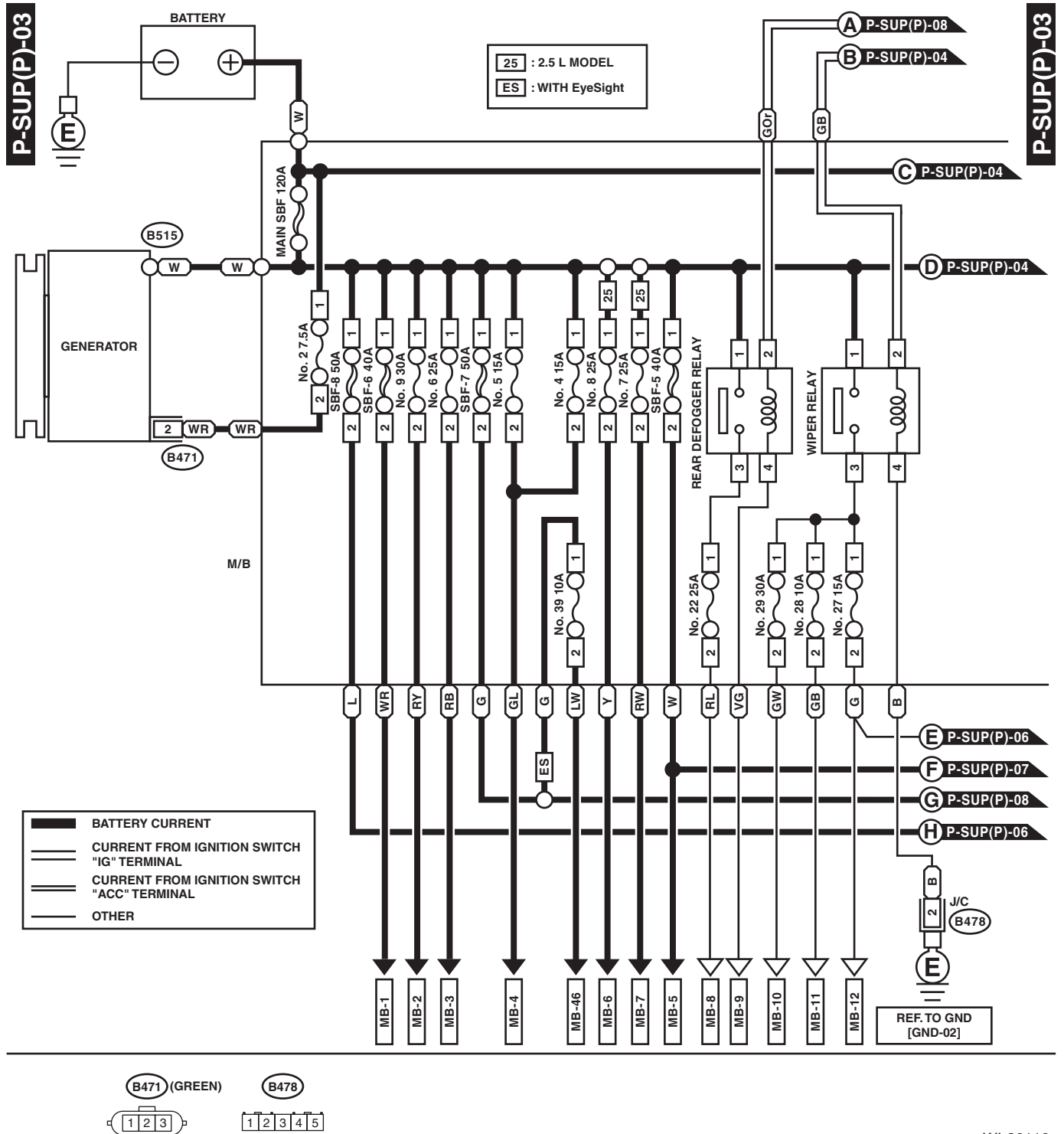
RELAY HOLDER (2.5 L MODEL)



RELAY HOLDER (3.6 L MODEL)

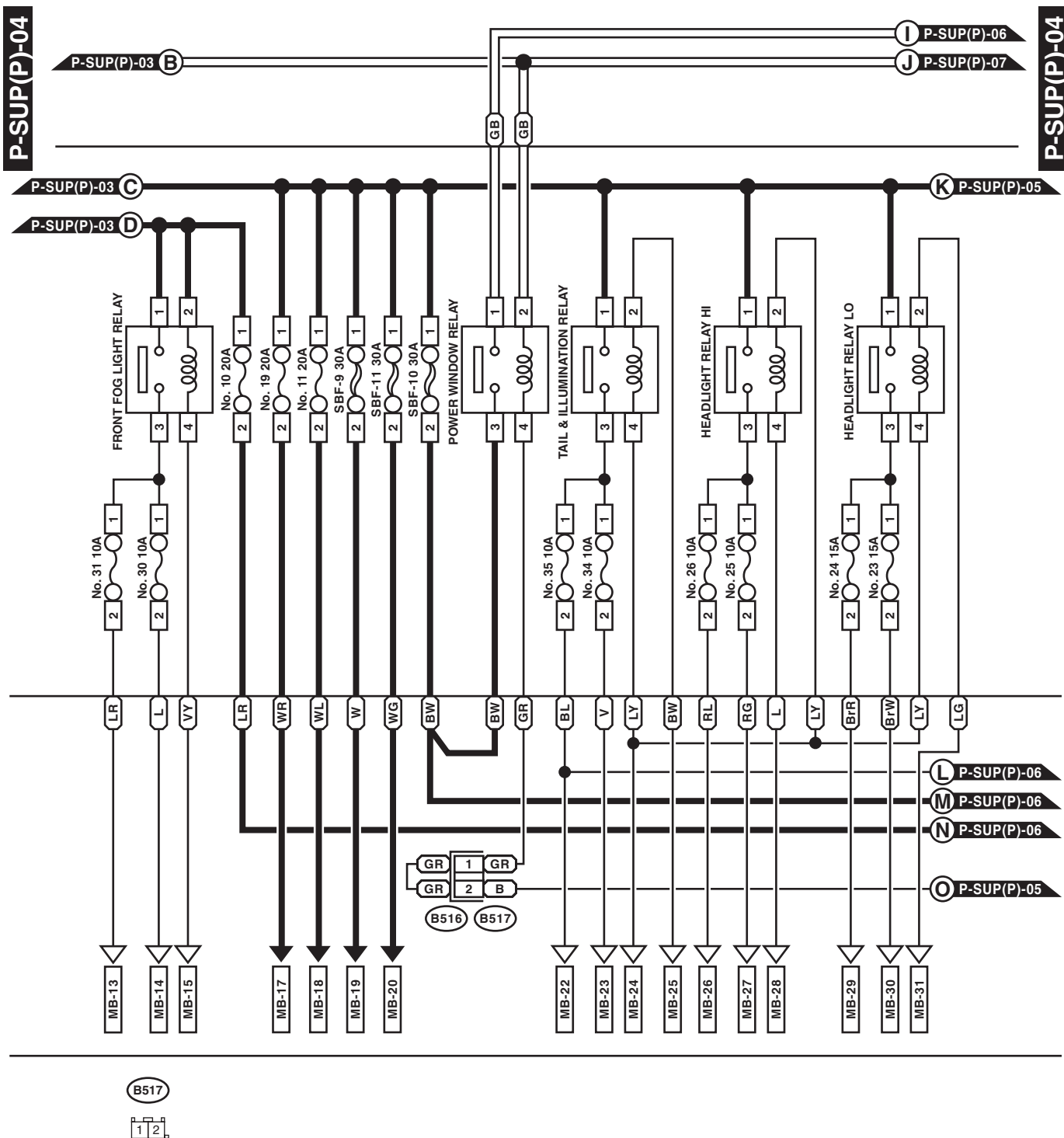
WI-36115

WIRING SYSTEM



Power Supply Circuit

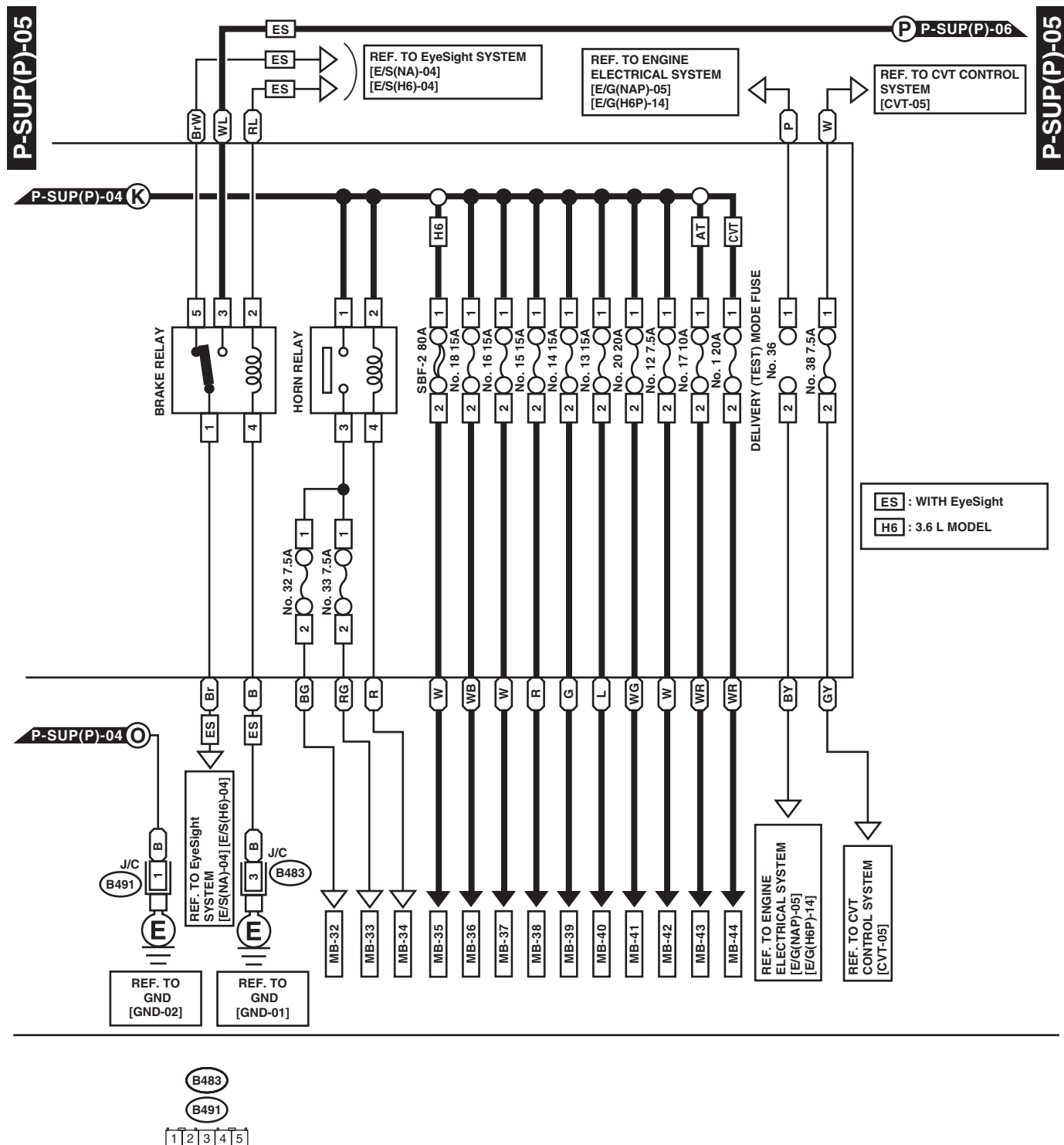
WIRING SYSTEM



WI-36117

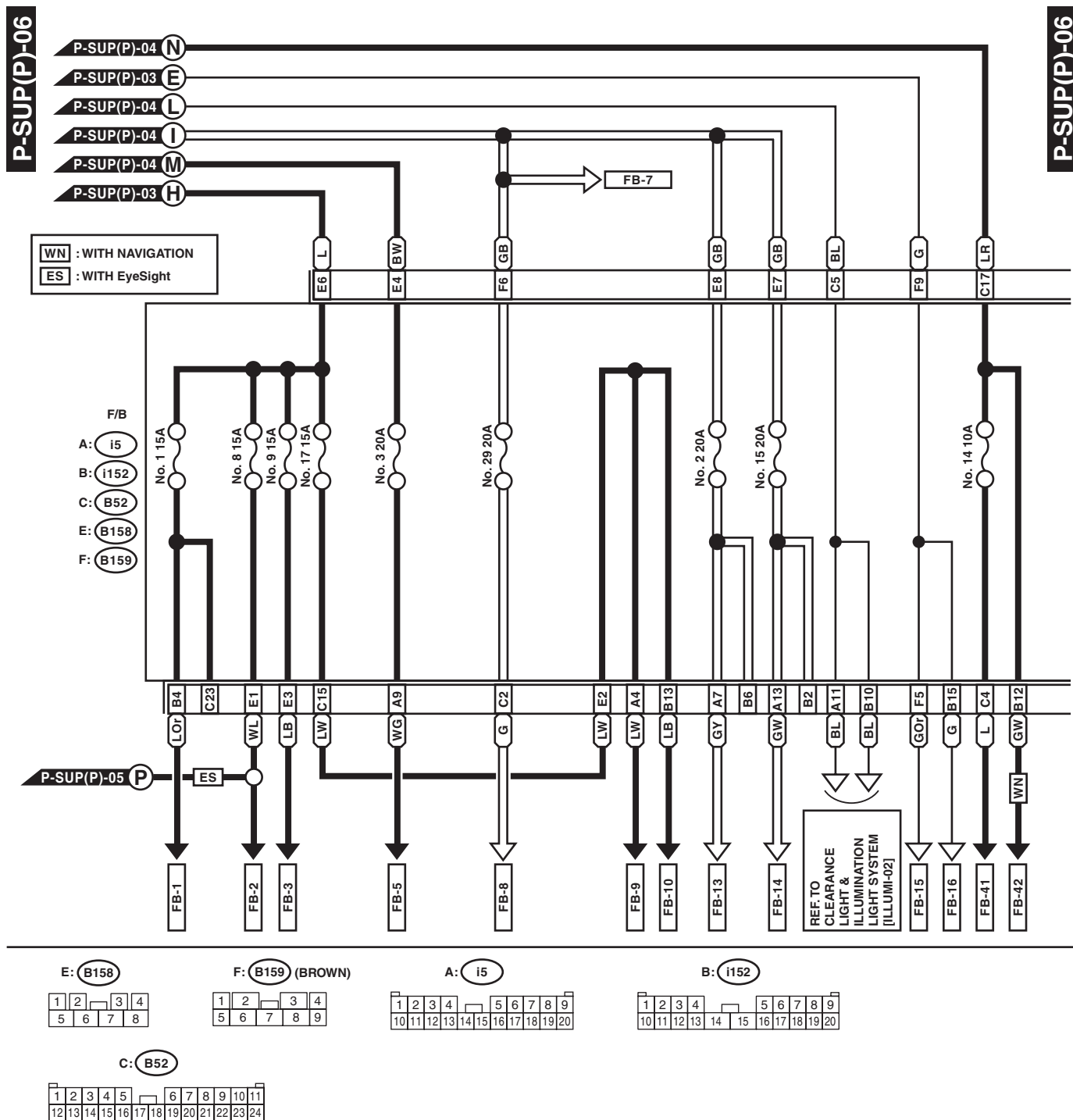
Power Supply Circuit

WIRING SYSTEM



Power Supply Circuit

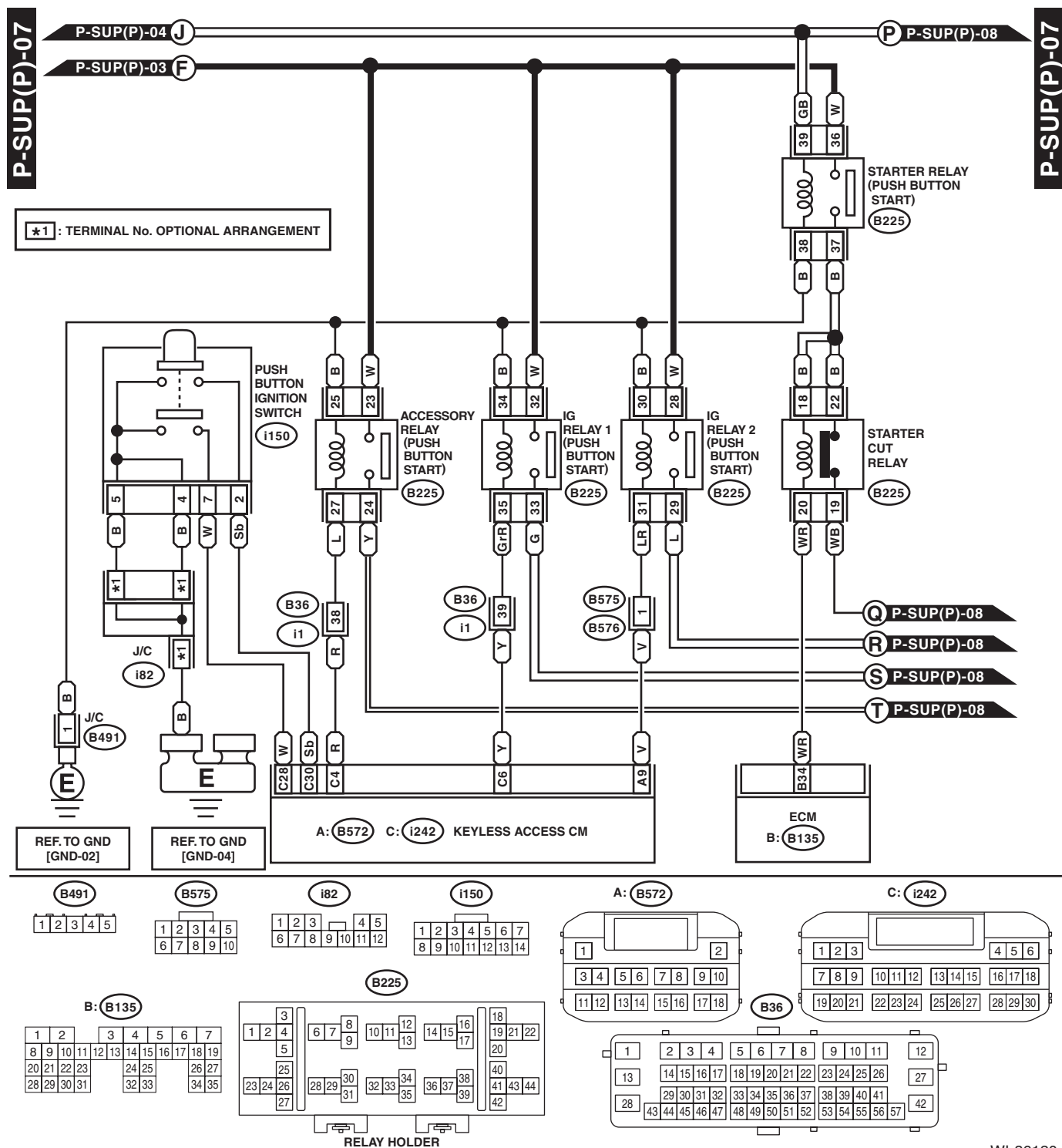
WIRING SYSTEM



WI-36119

Power Supply Circuit

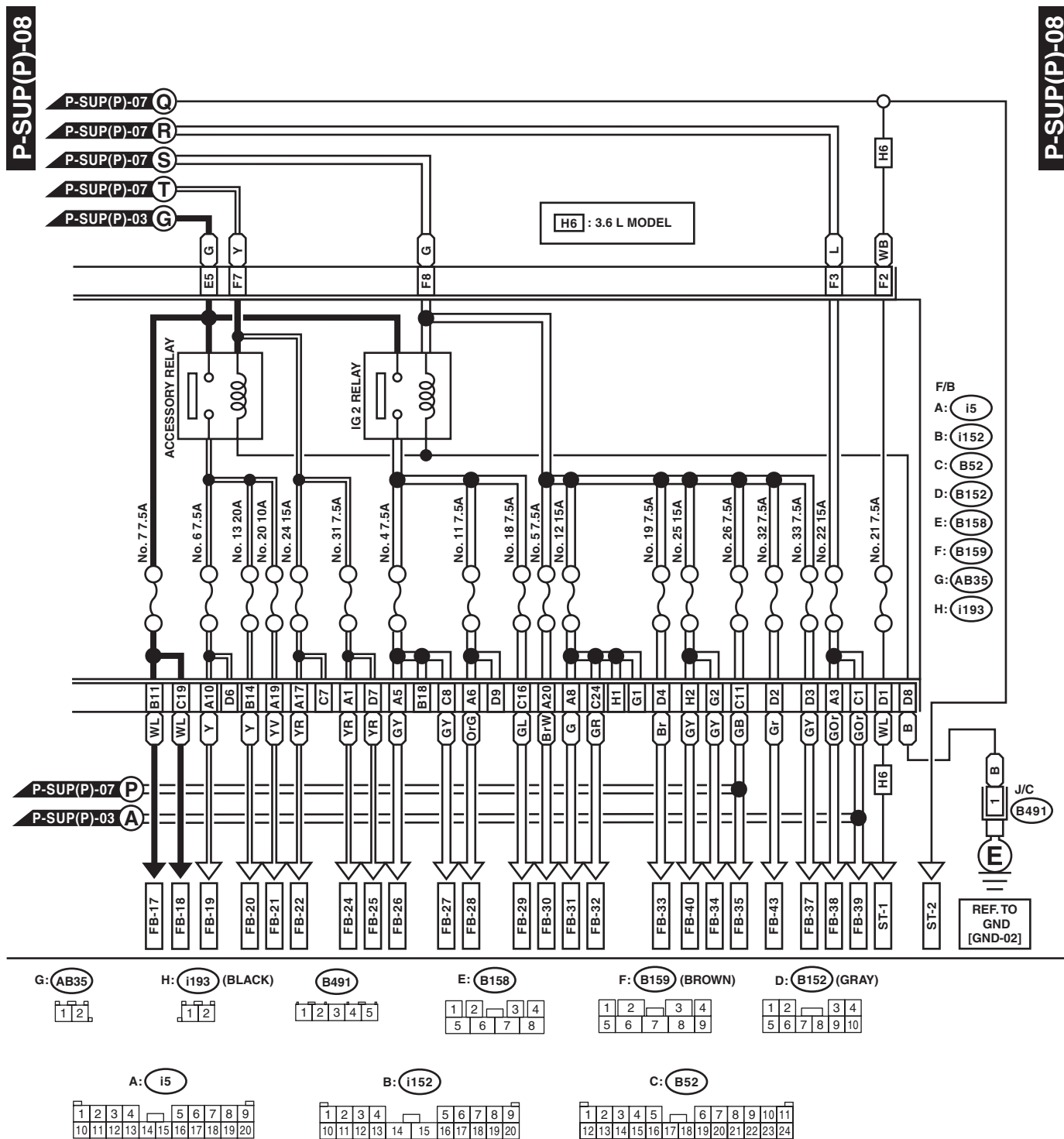
WIRING SYSTEM



WI-36120

Power Supply Circuit

WIRING SYSTEM



Power Supply Circuit

WIRING SYSTEM

No.	Load
MB-1	VDC CM
MB-2	VDC CM
MB-3	Audio connector
	Audio
	Audio amplifier
MB-4	Blower motor relay
MB-5	IG relay 2 (push button start)
	IG relay 1 (push button start)
	Accessory relay (push button start)
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-17	Body integrated unit
MB-18	Sunroof motor assembly
MB-19	EPB CM
MB-20	Power seat LH
	Power seat RH
	Power seat (with seat position memory)
MB-22	Front combination light LH (clearance light)
	Front combination light RH (clearance light)
	F/B
MB-23	Satellite switch illumination
	Stereo camera cover (with EyeSight)
	Steering 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)

No.	Load
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
	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
MB-46	Stereo camera
ST-1	Inhibitor relay
ST-2	Starter relay
FB-1	Trailer connector
FB-2	Stop light and brake switch
	Stop light register
	Brake relay
FB-3	Seat heater relay
FB-5	Power window main switch
FB-7	Power window circuit breaker
FB-8	Front power window sub-switch
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	Keyless access CM
	Steering lock CM
FB-19	Remote control mirror switch
	Seat heater relay
	Rearview mirror (without home link)
FB-20	Rear accessory power supply socket
FB-21	Front accessory power supply socket

Power Supply Circuit

WIRING SYSTEM

No.	Load
FB-22	Audio connector
	Audio
	Navigation unit
FB-24	Body integrated unit
	A/C control panel
	A/C CM
FB-25	Body integrated unit
FB-26	Impact sensor
	Wiper deicer relay
	A/C control panel
	Sunroof motor assembly
	TPMS & keyless entry CM
	Stereo camera
	Power seat (with seat position memory)
	Rearview mirror (with home link)
	TPMS CM
FB-27	Data link connector
	Stop light and brake switch
	Remote engine start CM
FB-28	Turn signal and hazard unit
FB-29	Inhibitor switch
	Back-up light relay
FB-30	Combination meter
	Clock
FB-31	A/C CM
	Body integrated unit
	Keyless access CM
FB-32	TCM
	ECM
	Fuel pump relay
FB-33	Hill hold switch
	EPB CM
FB-34	Airbag CM
FB-35	Main fan relay 1 (2.5 L model)
	Main fan relay 2 (2.5 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

No.	Load
FB-41	Audio connector
	Audio
	Body integrated unit
	Clock
	Puddle light LH
	Puddle light RH
	Room light
	Spot map light (without EyeSight)
	Stereo camera cover (with EyeSight)
	Vanity mirror light LH
	Vanity mirror light RH
	Trunk room light
	Luggage room light
	Door step light LH
	Door step light RH
	Oscillator LH
	Oscillator RH
	TPMS & keyless entry CM
	TPMS CM
	Rearview mirror (with home link)
	Remote engine start CM
FB-42	Navigation unit
FB-43	Steering lock CM

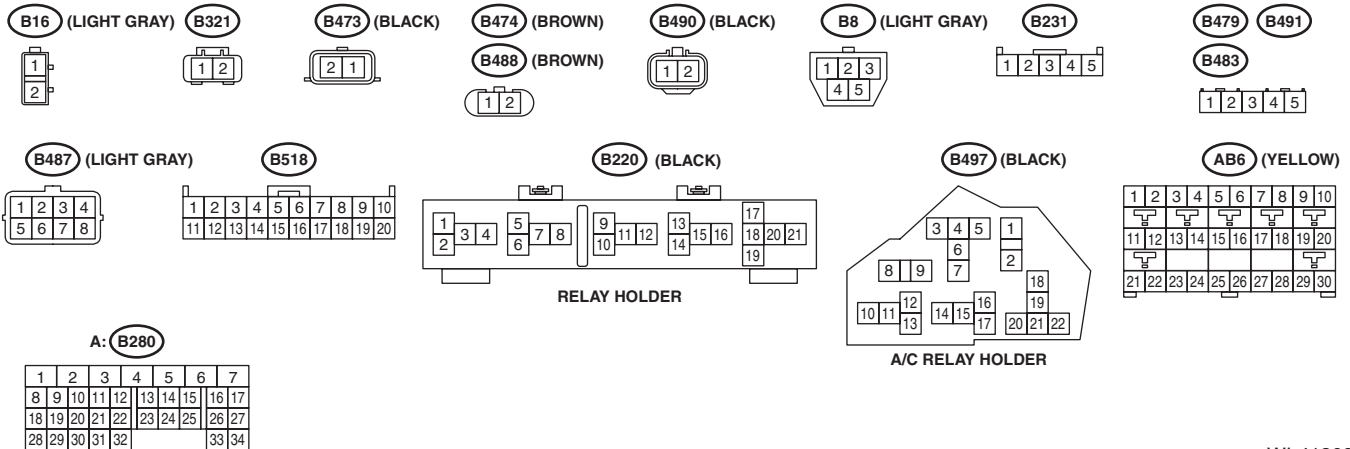
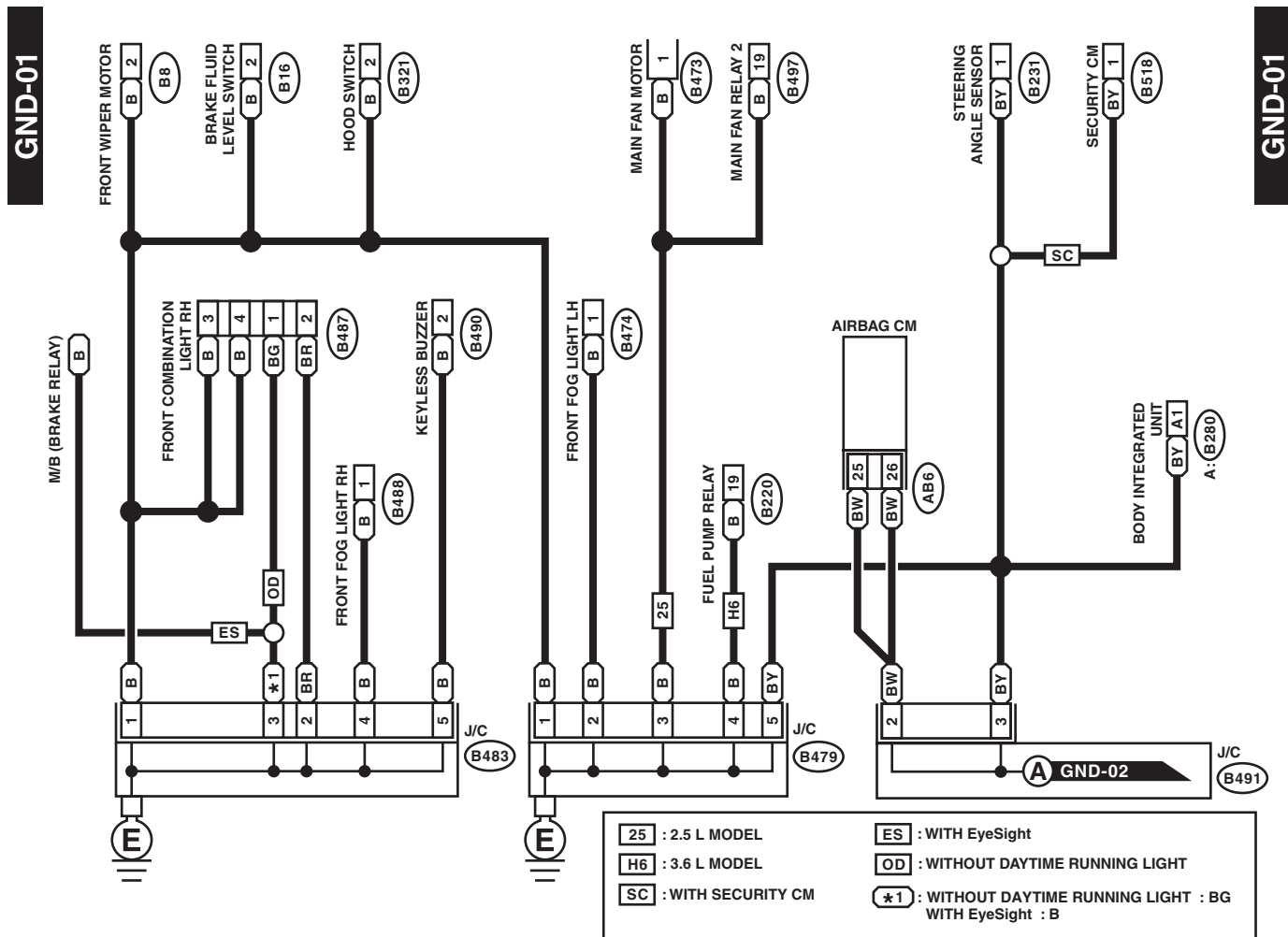
Ground Circuit

WIRING SYSTEM

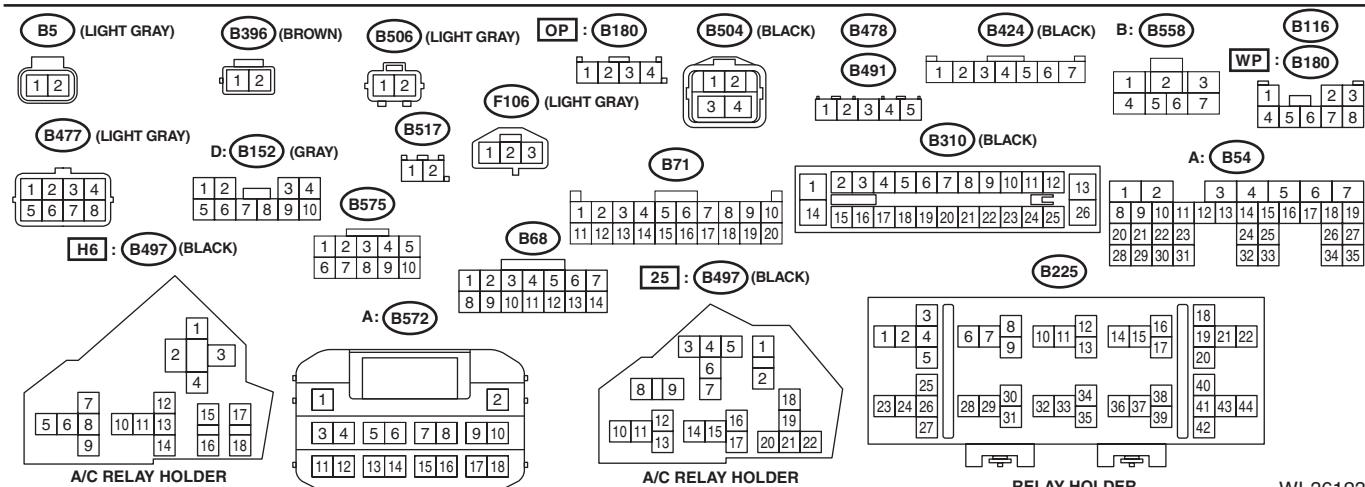
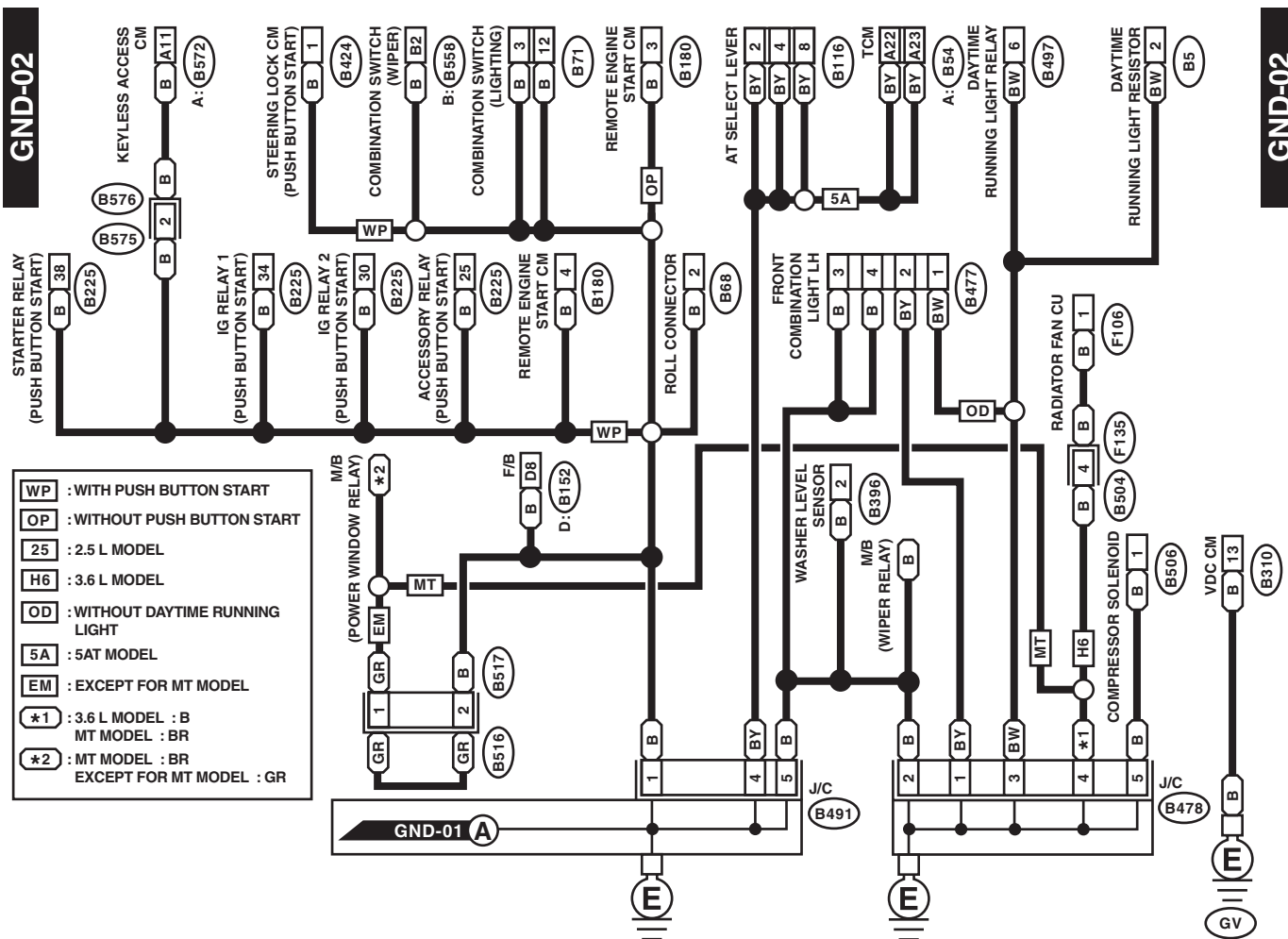
4. Ground Circuit

A: WIRING DIAGRAM

1. CHASSIS GROUND



WI-41309



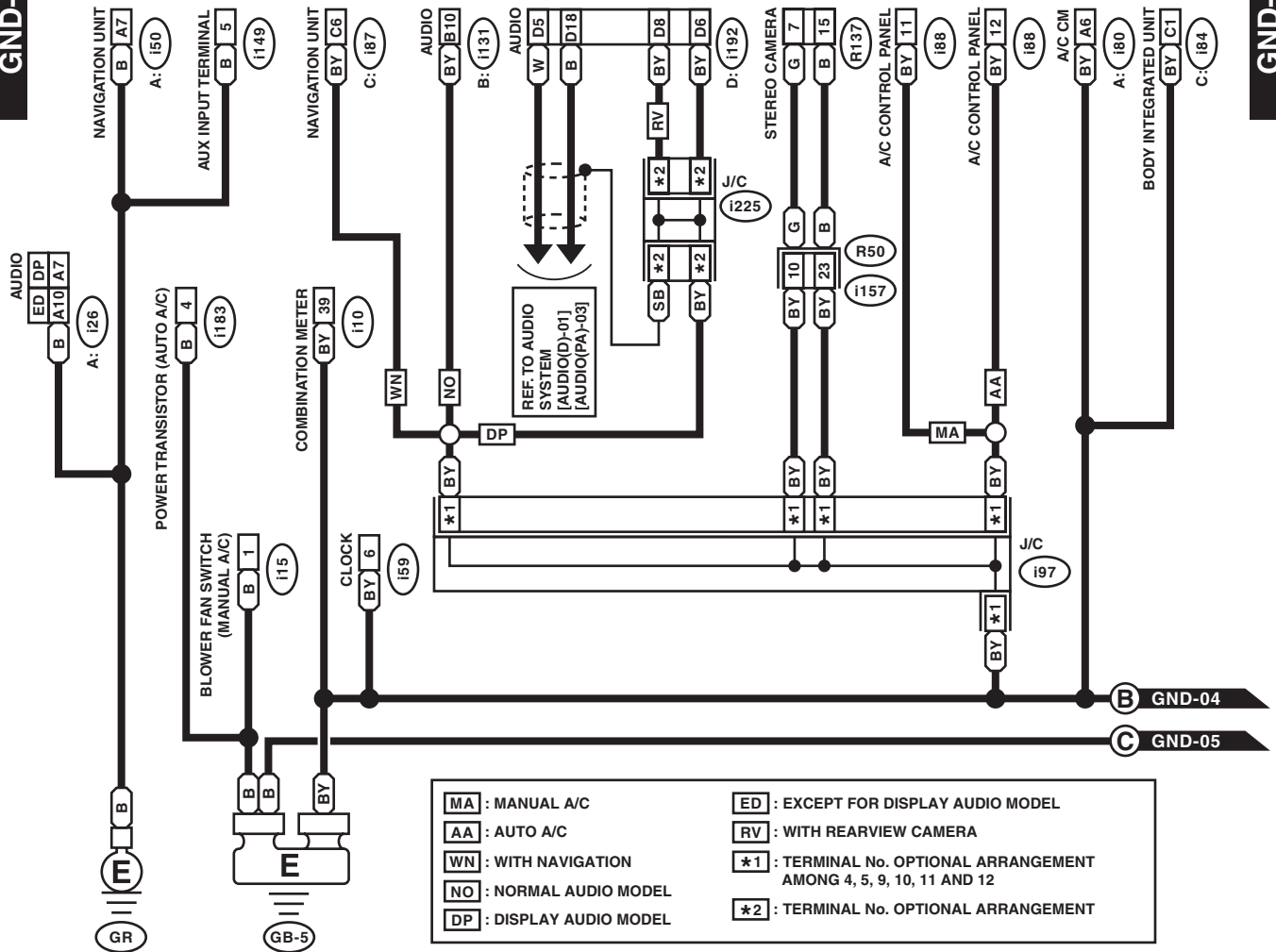
WI-36123

Ground Circuit

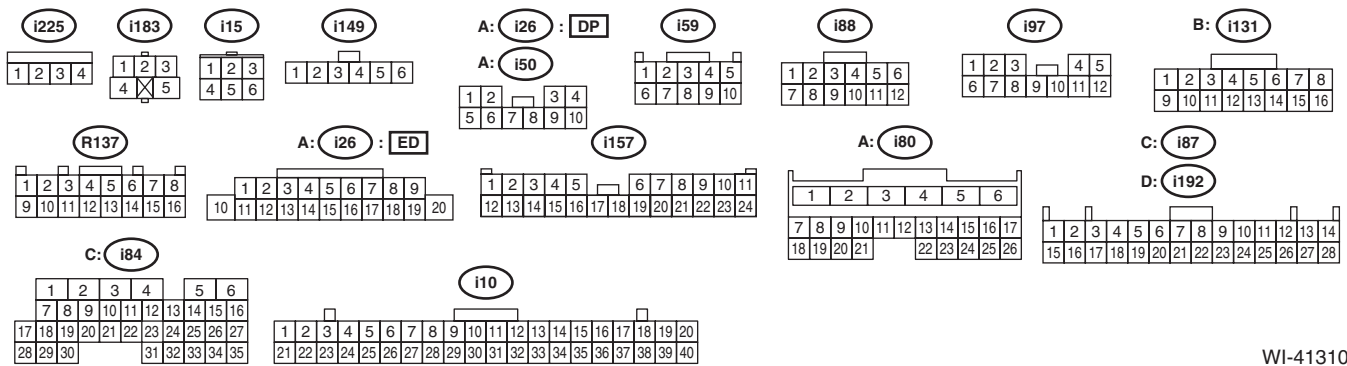
WIRING SYSTEM

GND-03

GND-03



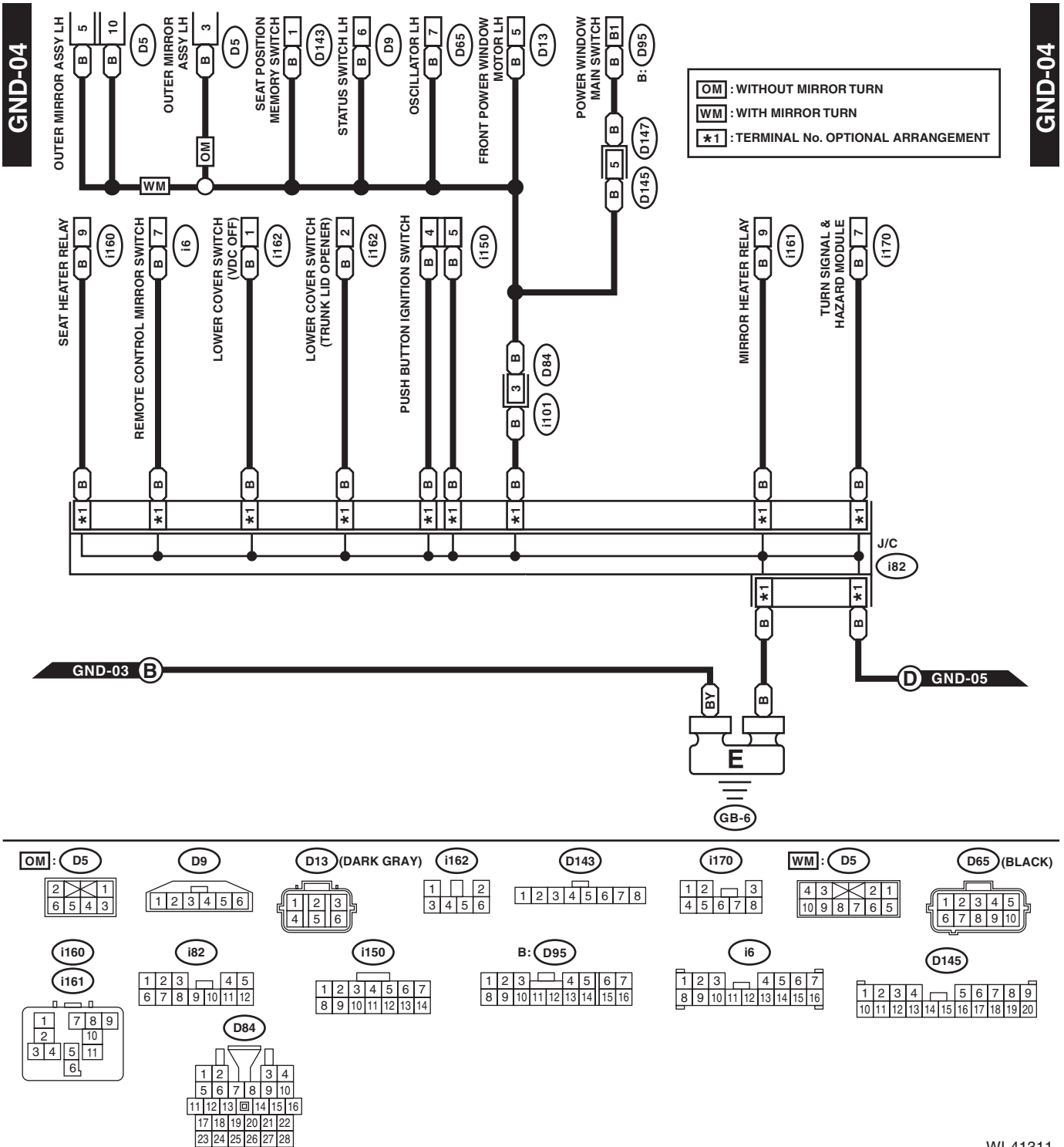
- | | |
|--------------------------|---|
| MA : MANUAL A/C | ED : EXCEPT FOR DISPLAY AUDIO MODEL |
| AA : AUTO A/C | RV : WITH REARVIEW CAMERA |
| WN : WITH NAVIGATION | *1 : TERMINAL No. OPTIONAL ARRANGEMENT AMONG 4, 5, 9, 10, 11 AND 12 |
| NO : NORMAL AUDIO MODEL | *2 : TERMINAL No. OPTIONAL ARRANGEMENT |
| DP : DISPLAY AUDIO MODEL | |



WI-41310

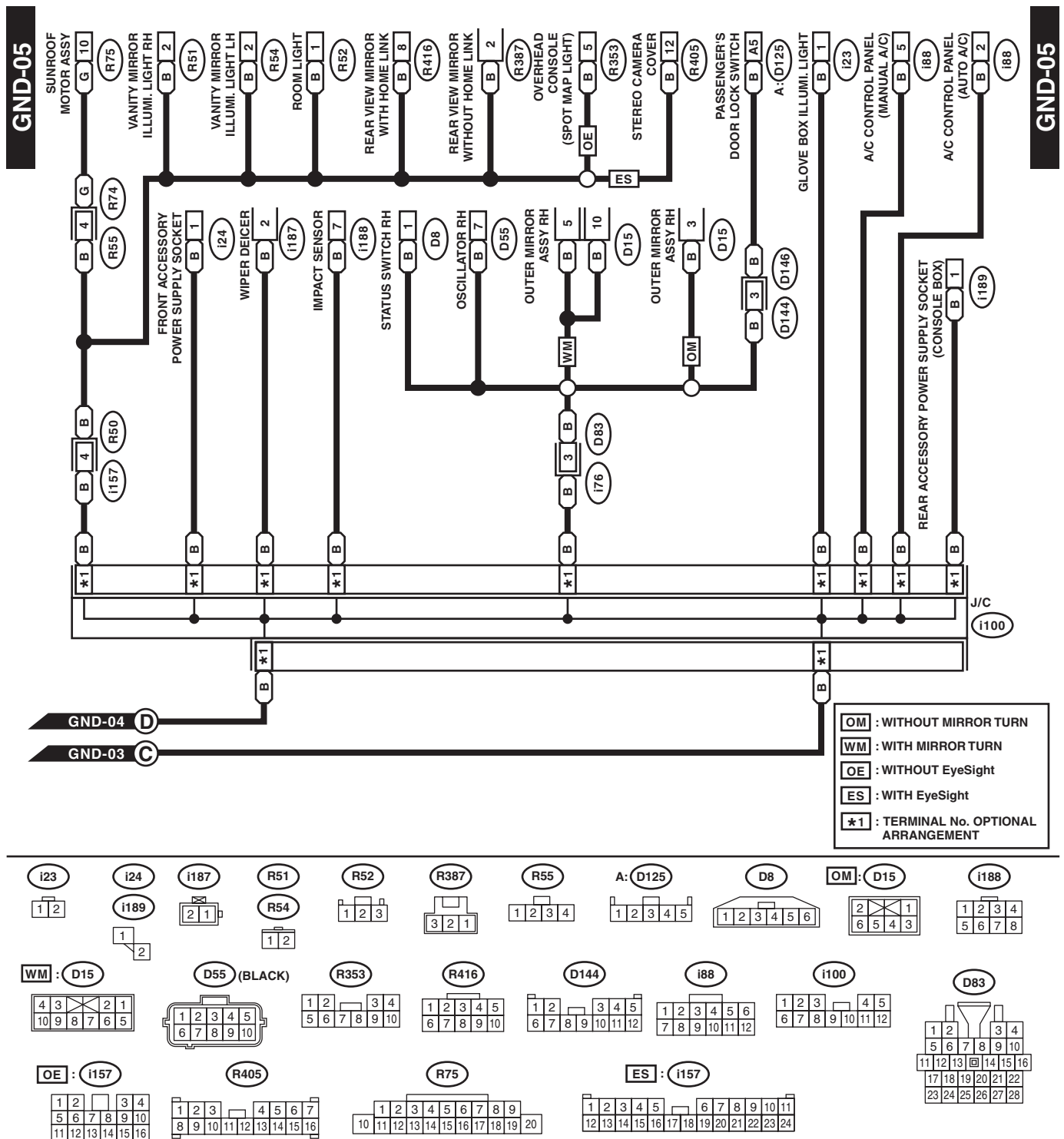
Ground Circuit

WIRING SYSTEM



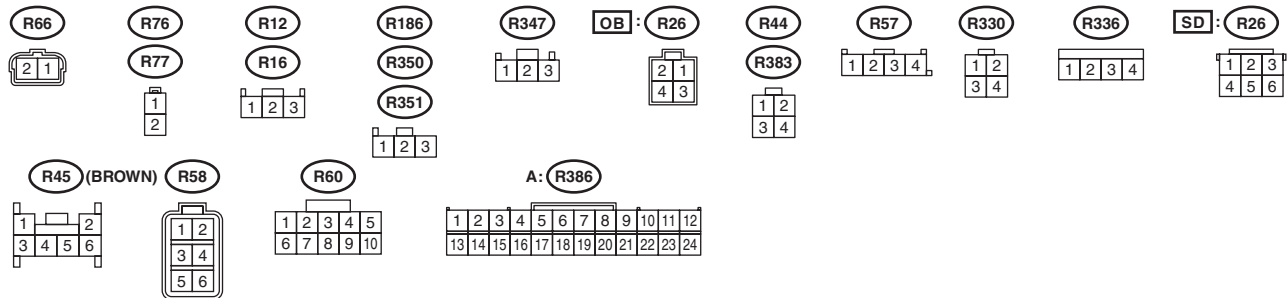
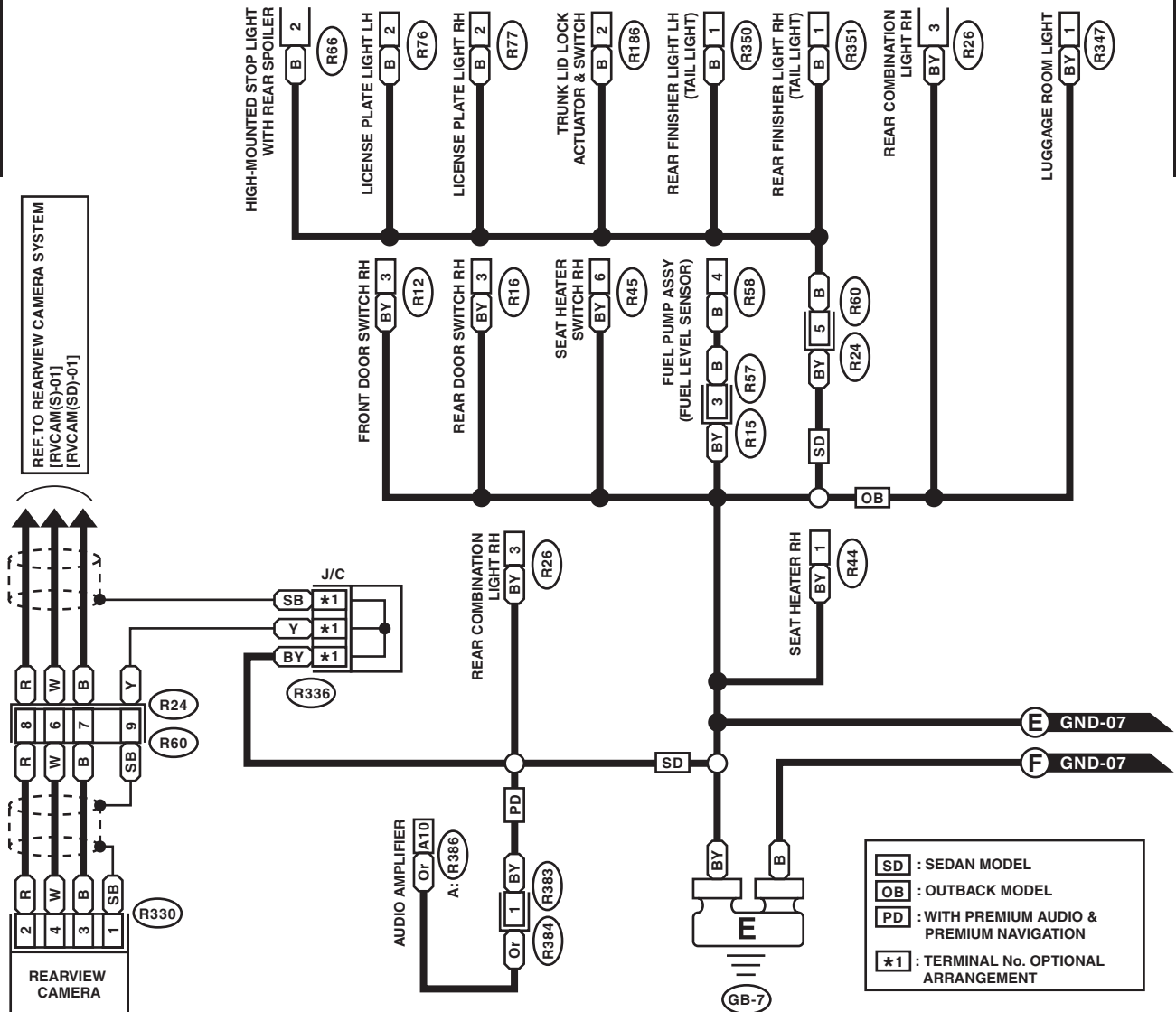
WI-41311

WIRING SYSTEM



GND-06

GND-06

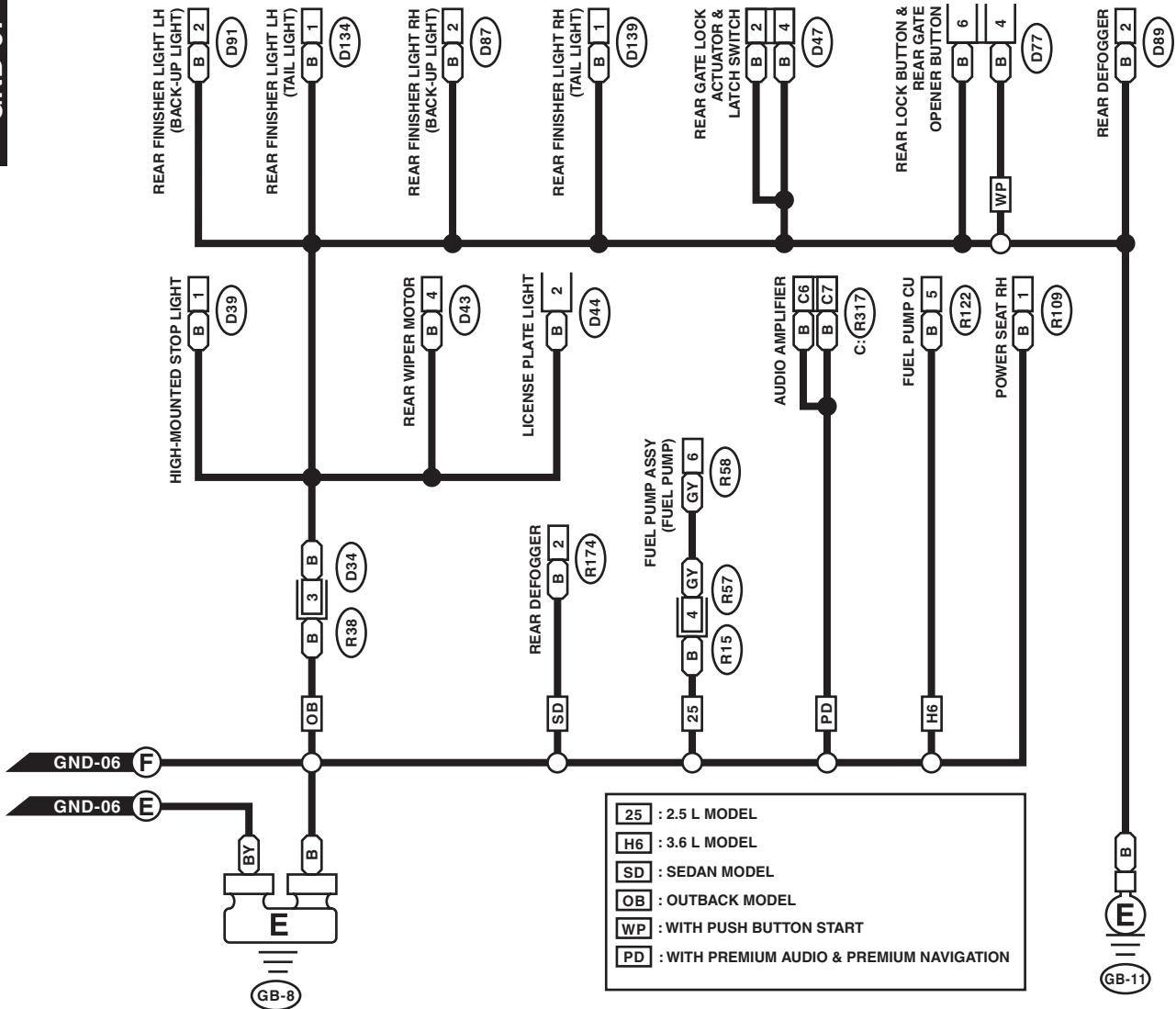


WI-41313

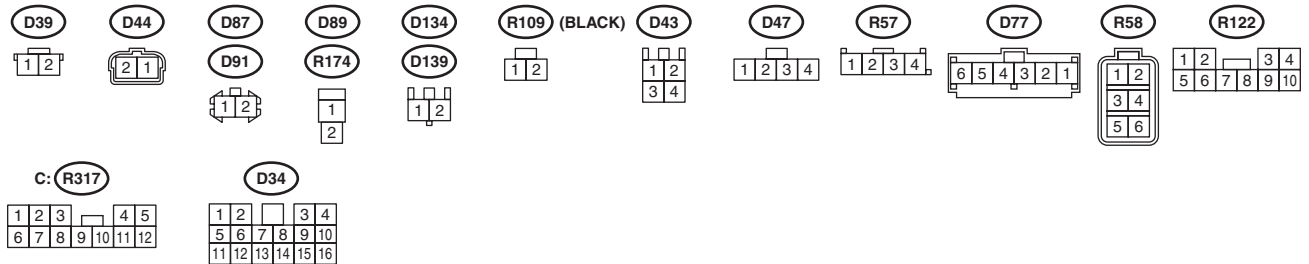
Ground Circuit

WIRING SYSTEM

GND-07



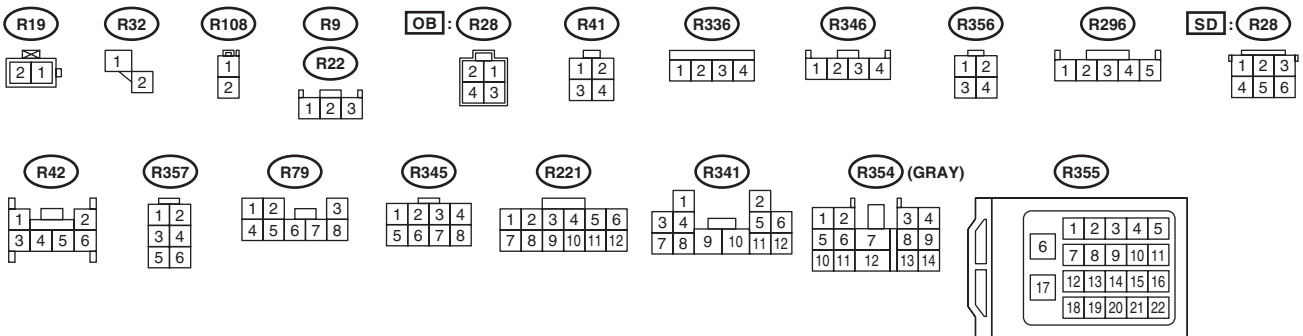
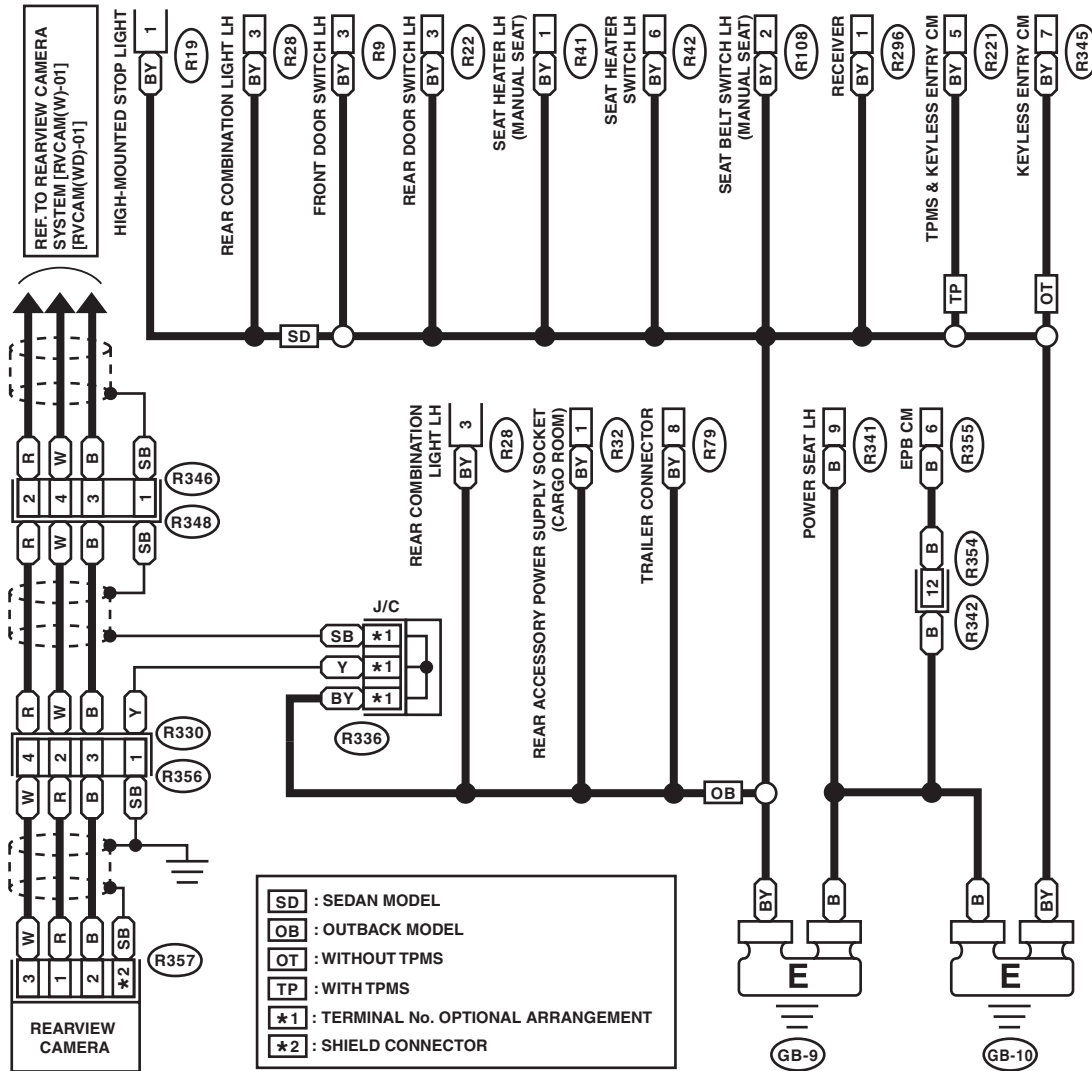
GND-07



WI-41314

GND-08

GND-08

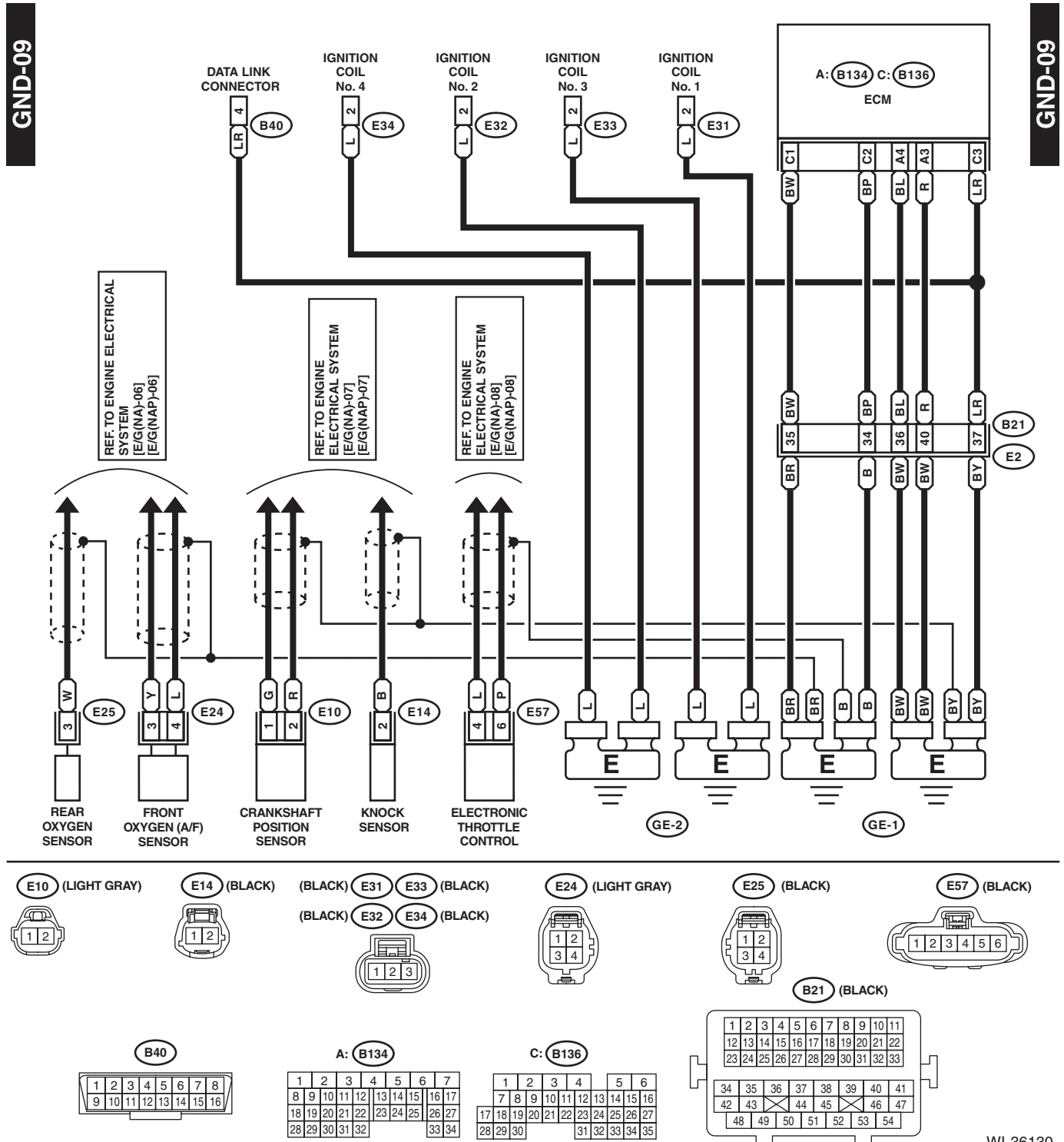


WI-41315

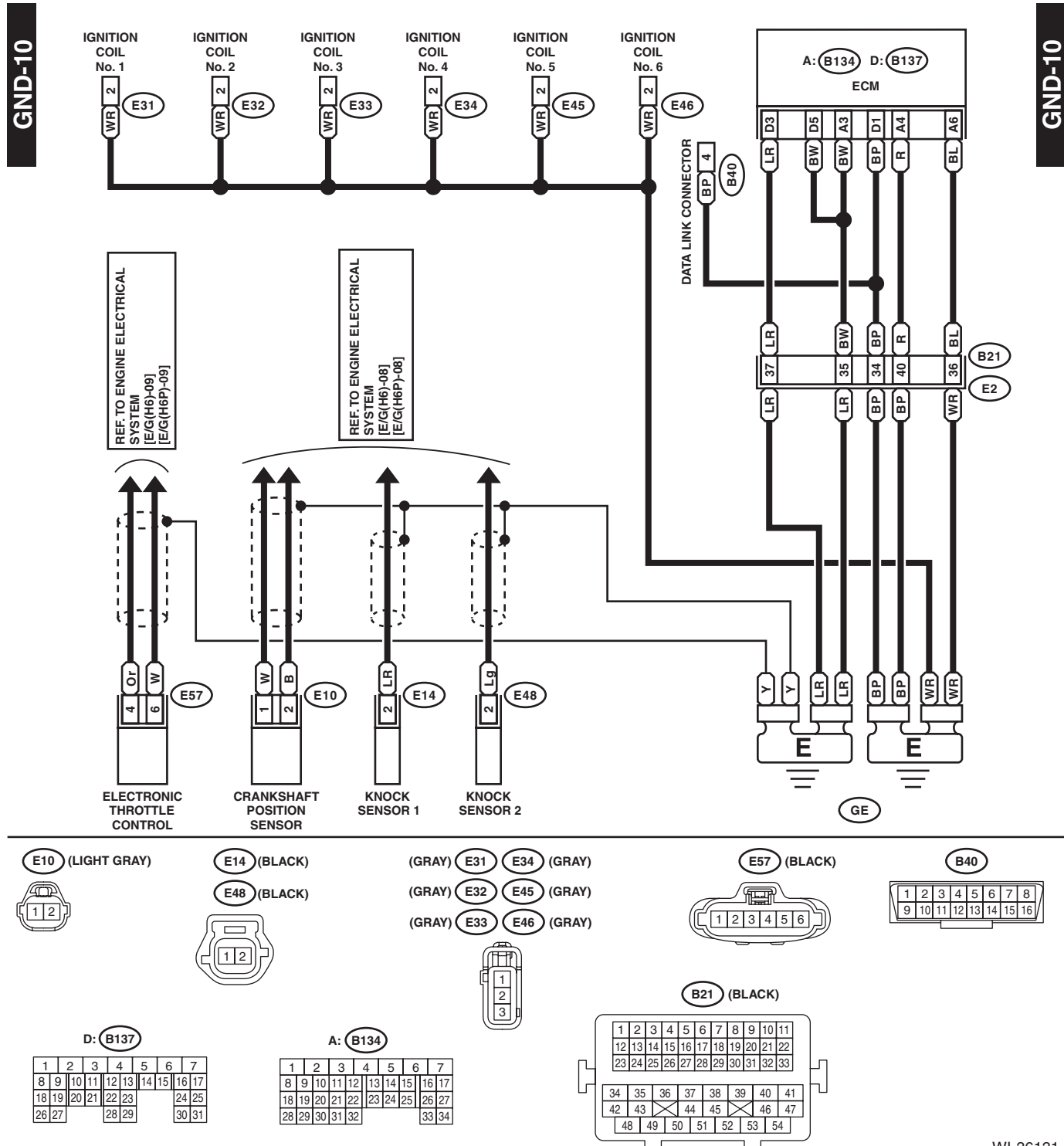
Ground Circuit

WIRING SYSTEM

2. ENGINE GROUND (2.5 L MODEL)



3. ENGINE GROUND (3.6 L MODEL)

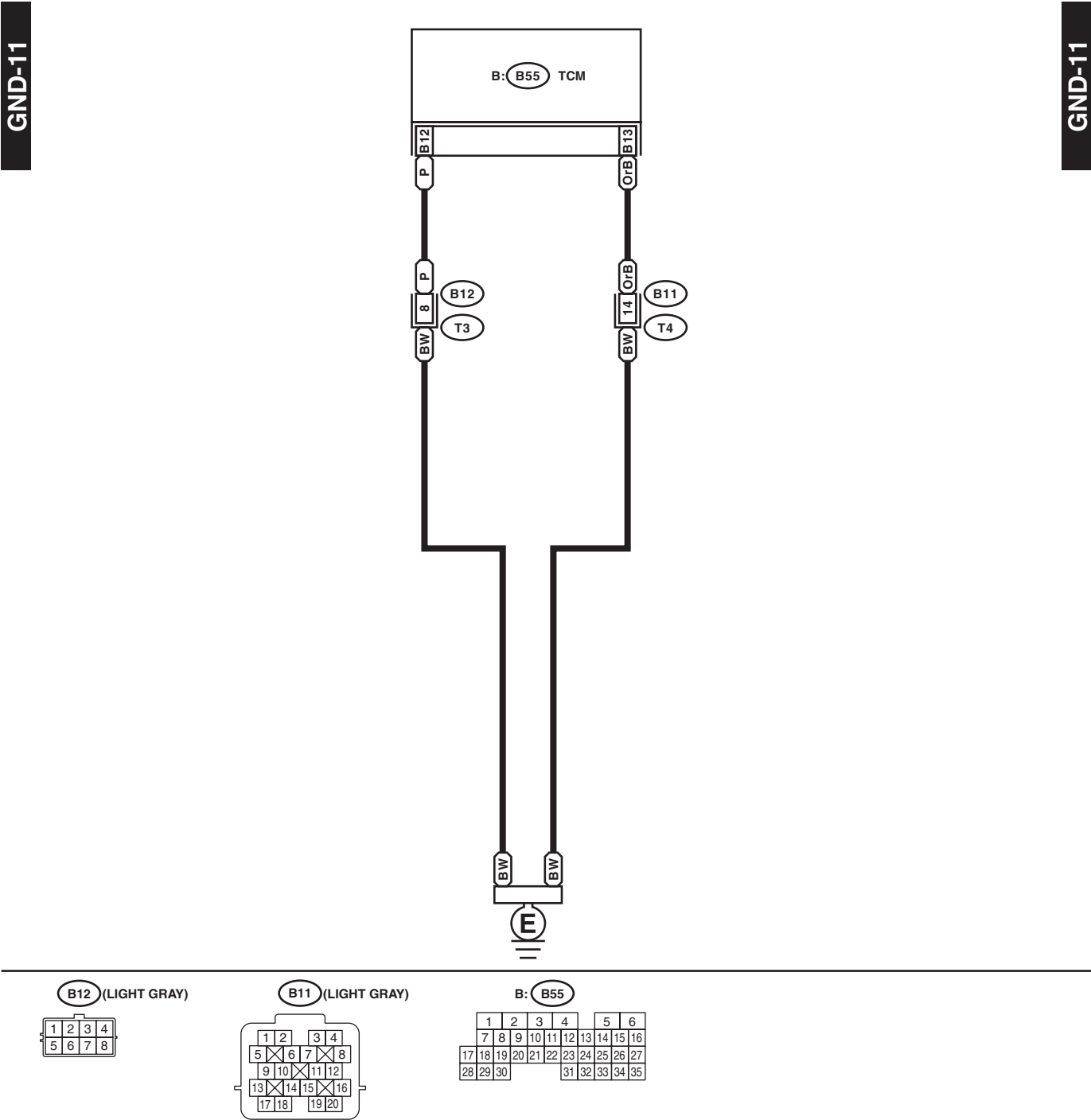


WI-36131

Ground Circuit

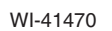
WIRING SYSTEM

4. TRANSMISSION GROUND (AT MODEL)



WI-36132

GND-12

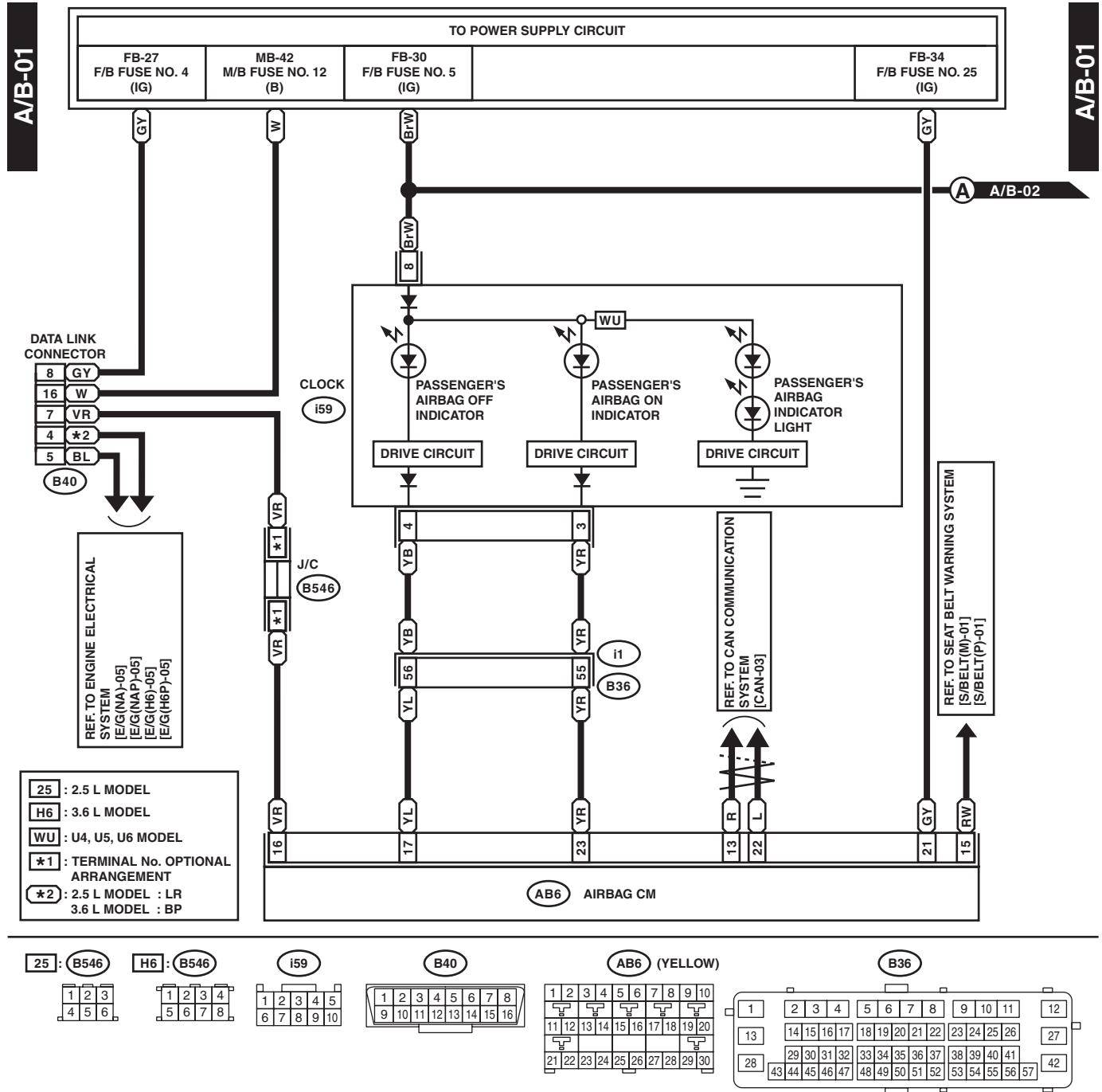


Airbag System

WIRING SYSTEM

5. Airbag System

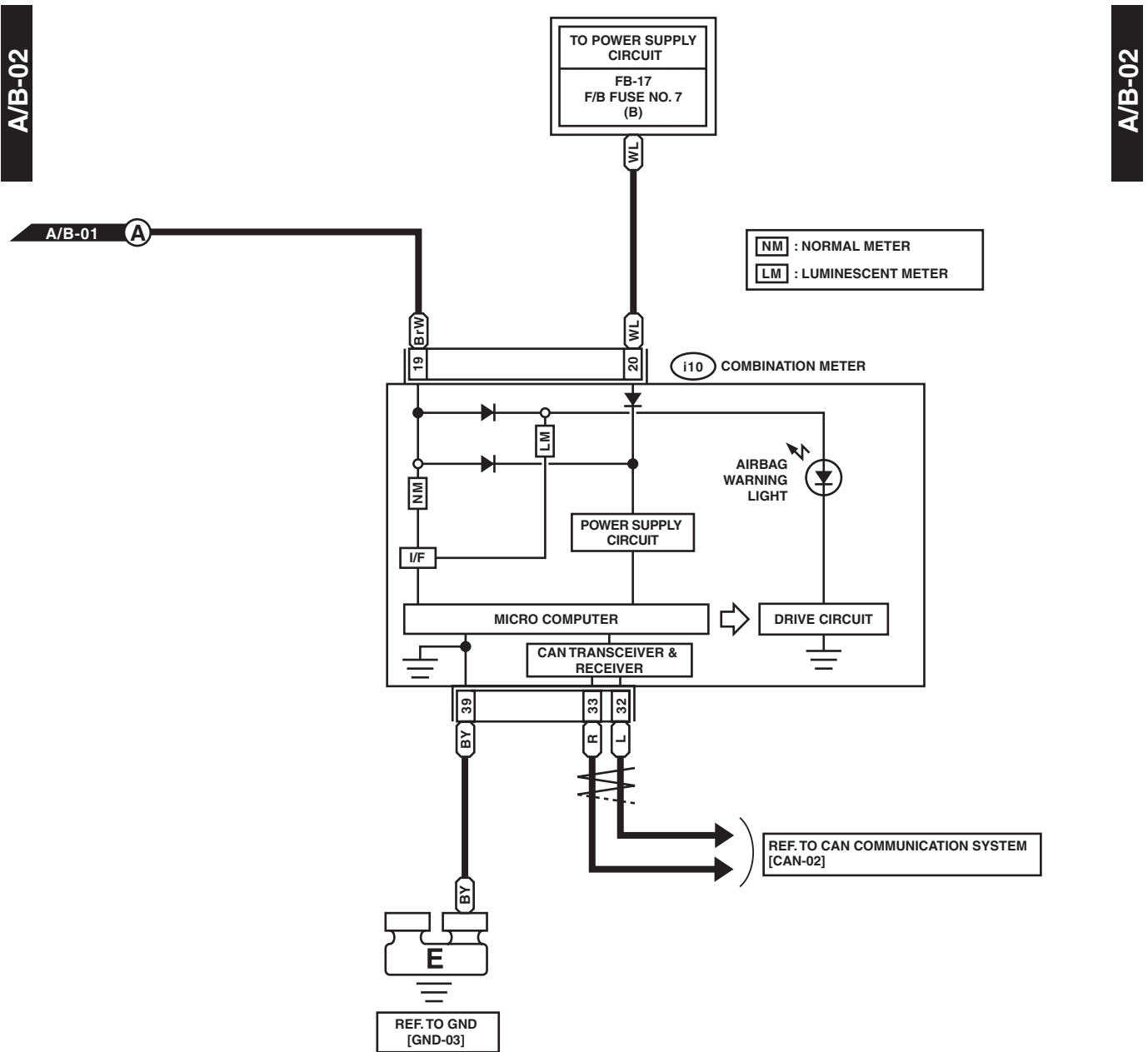
A: WIRING DIAGRAM



WI-41316

Airbag System

WIRING SYSTEM



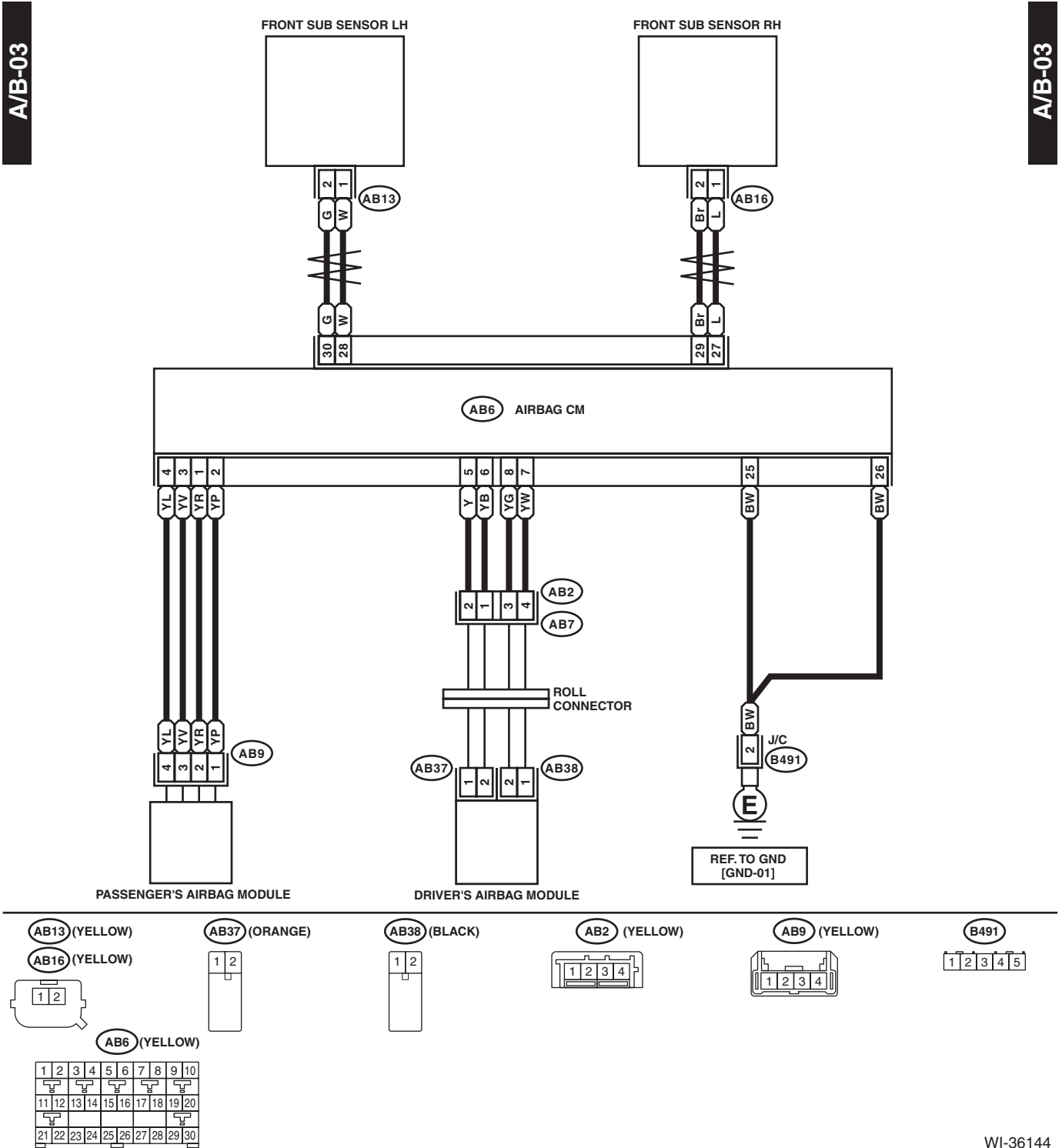
i10

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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WI-36143

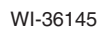
Airbag System

WIRING SYSTEM



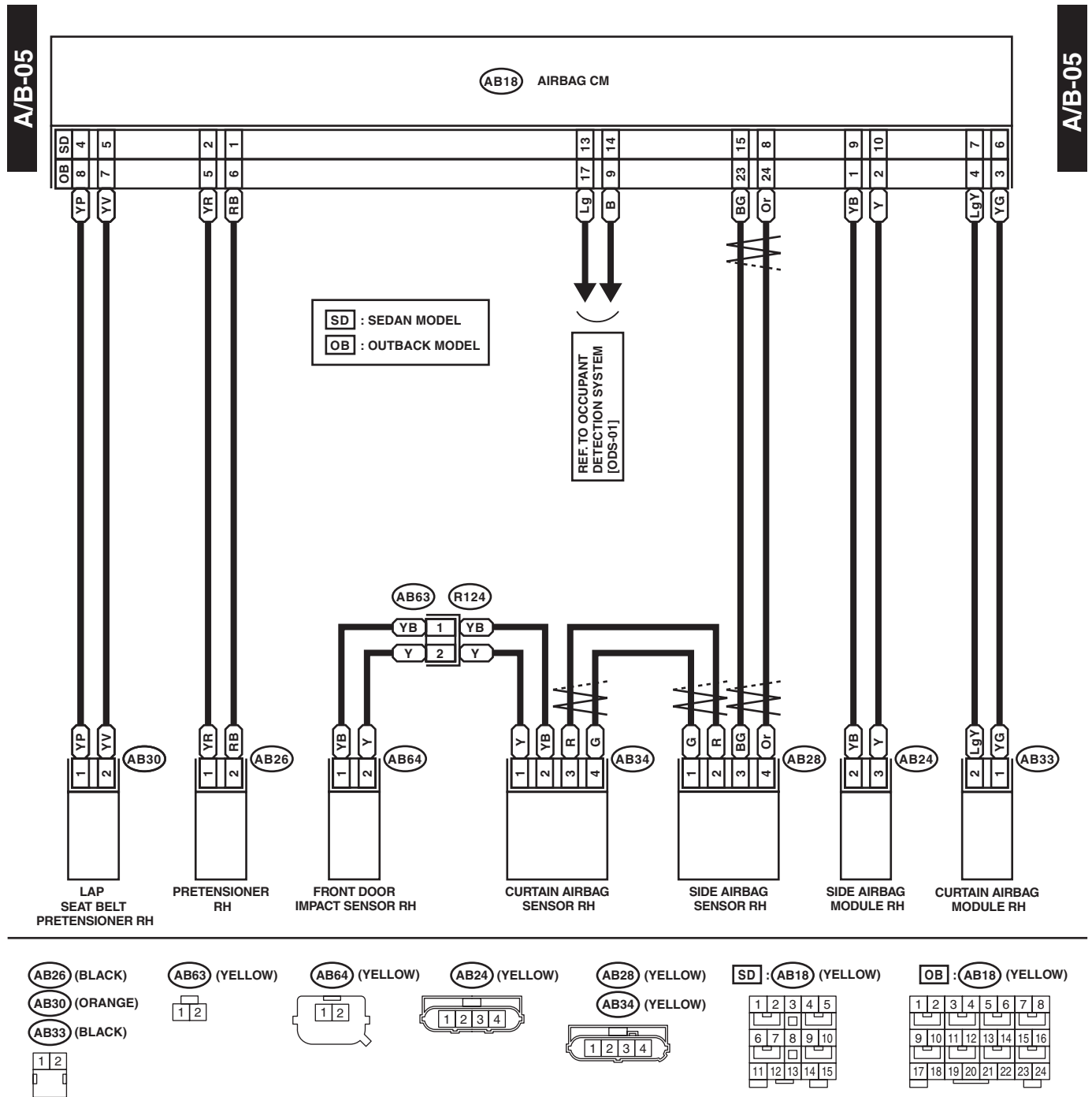
WI-36144

WIRING SYSTEM



Airbag System

WIRING SYSTEM

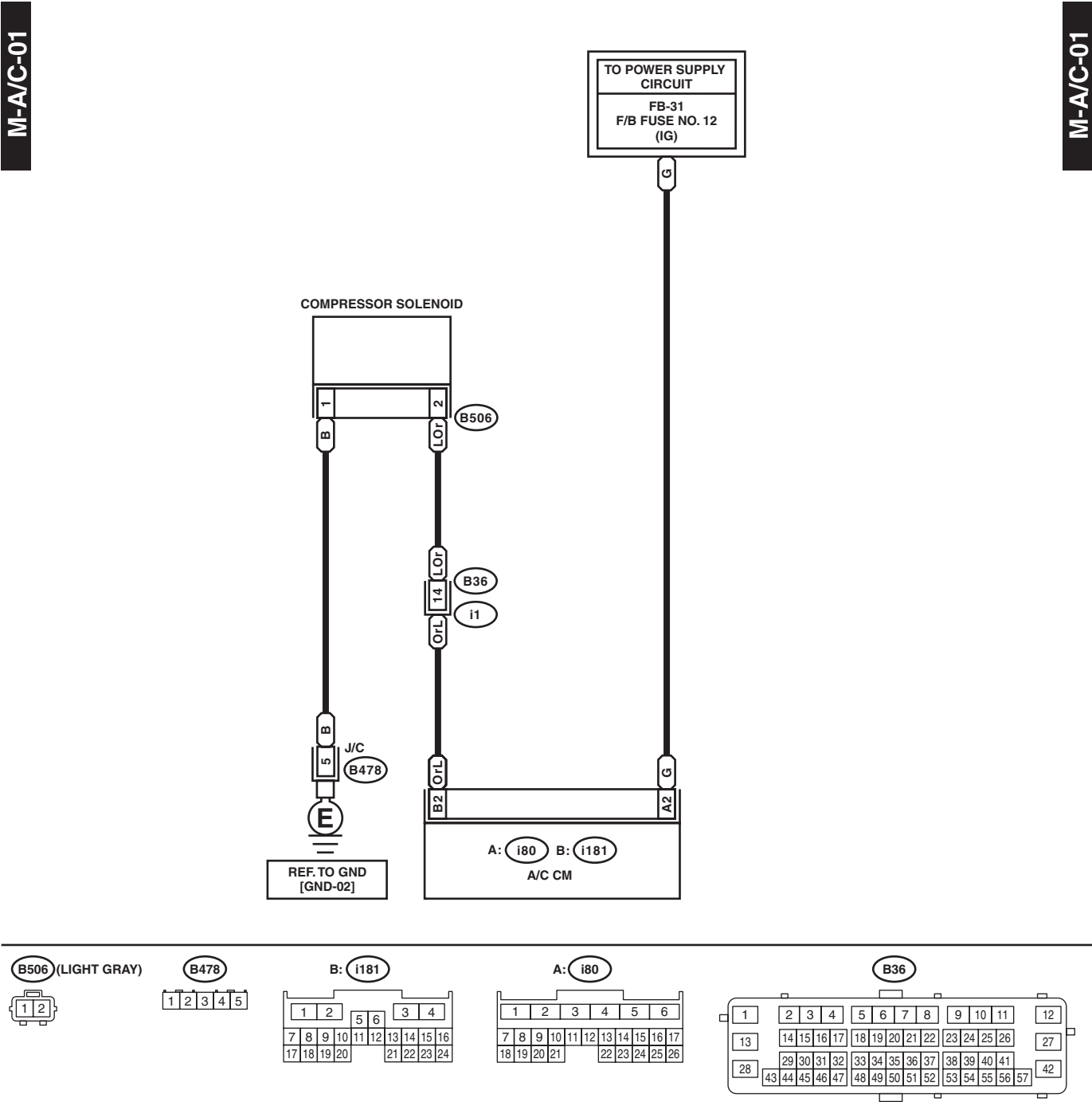


WI-36146

6. Air Conditioning System

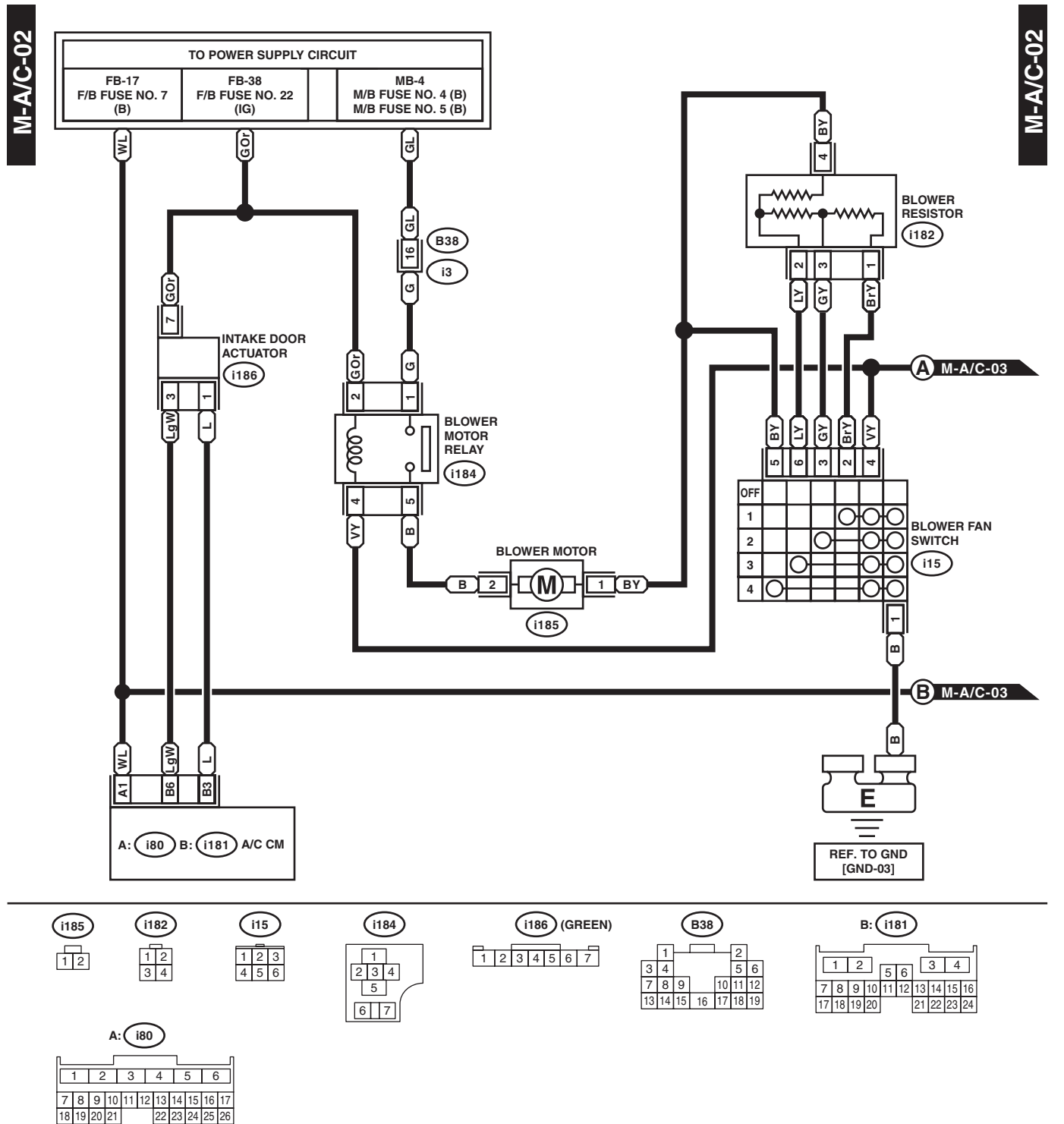
A: WIRING DIAGRAM

1. MANUAL A/C



Air Conditioning System

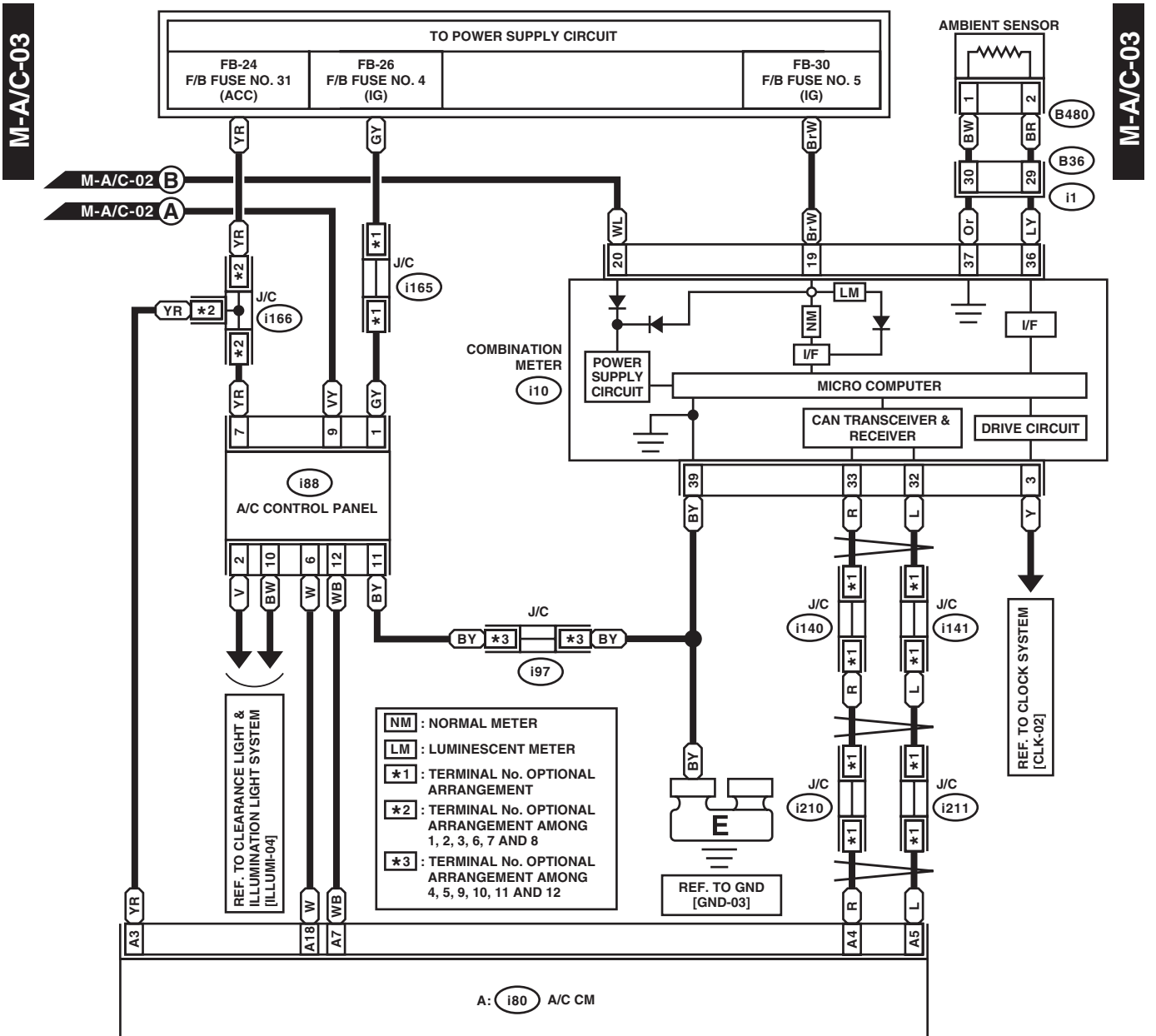
WIRING SYSTEM



WI-33852

Air Conditioning System

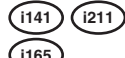
WIRING SYSTEM



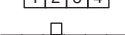
B480 (BLACK)



i140 i210



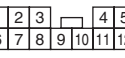
i165



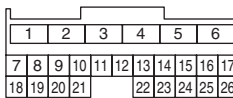
i10



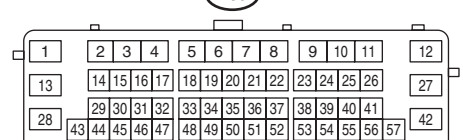
i88 i97 i166



A: i80



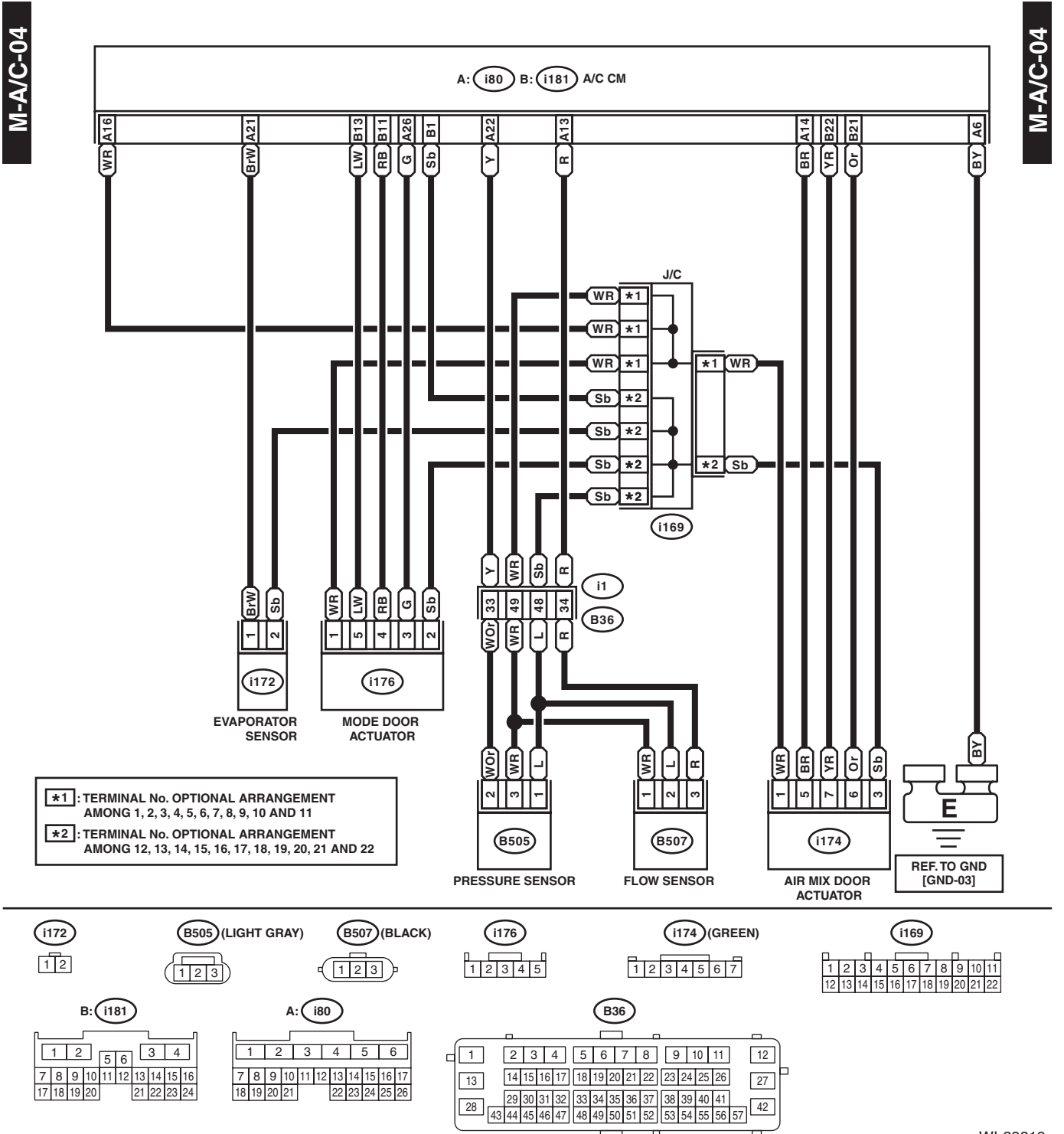
B36



WI-36148

Air Conditioning System

WIRING SYSTEM

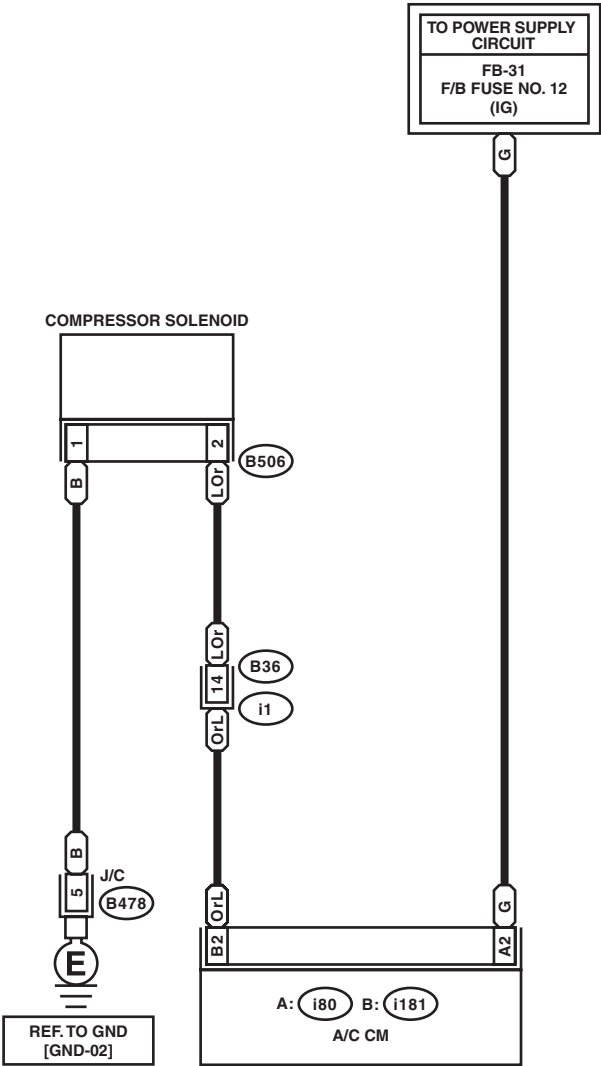


WI-29319

2. AUTO A/C

A-A/C-01

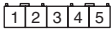
A-A/C-01



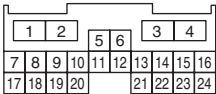
B506 (LIGHT GRAY)



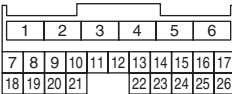
B478



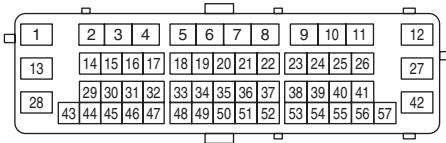
B: i181



A: i180



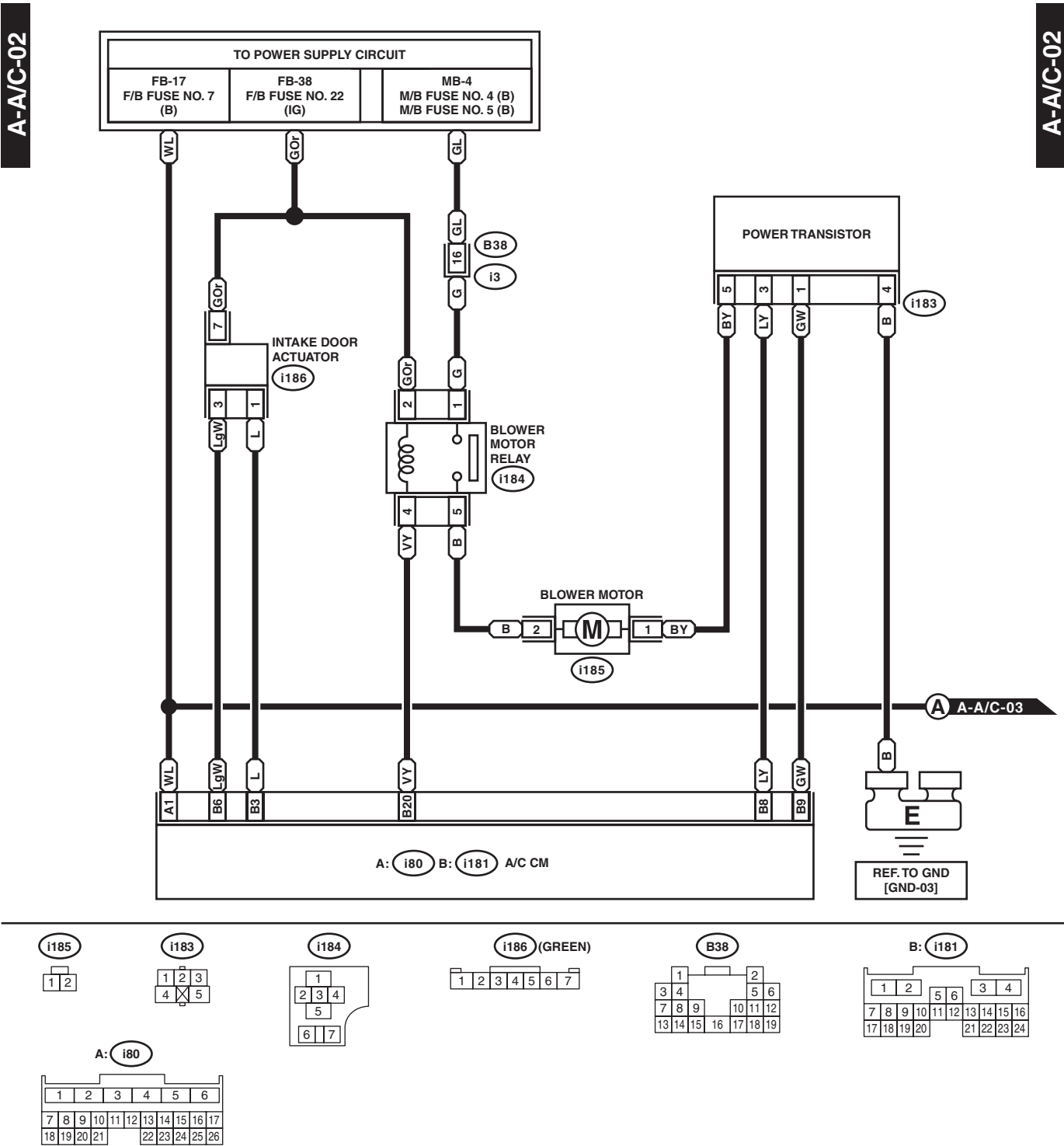
B36



WI-36149

Air Conditioning System

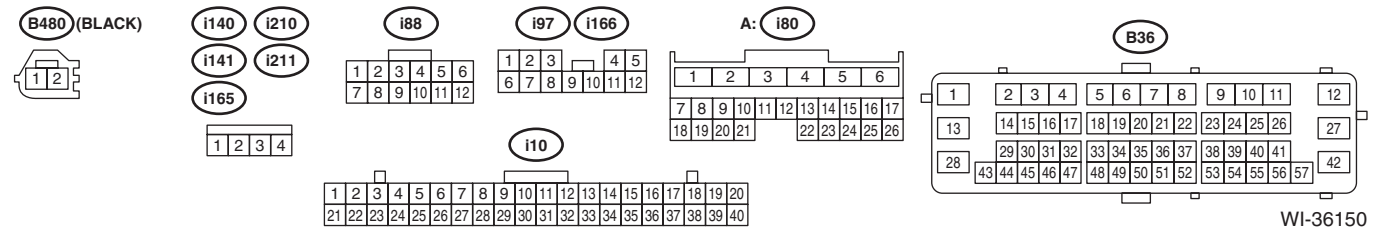
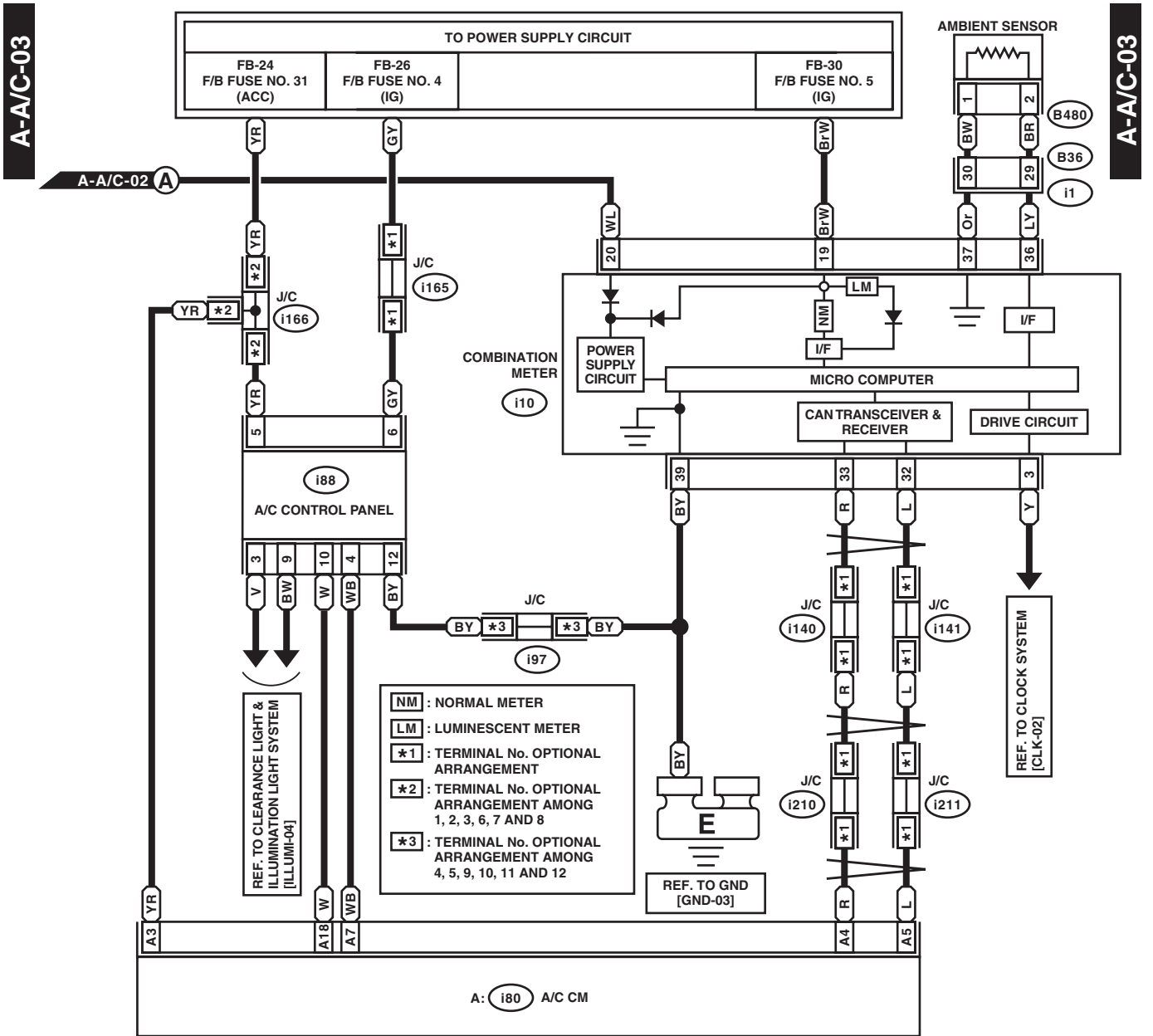
WIRING SYSTEM



WI-29320

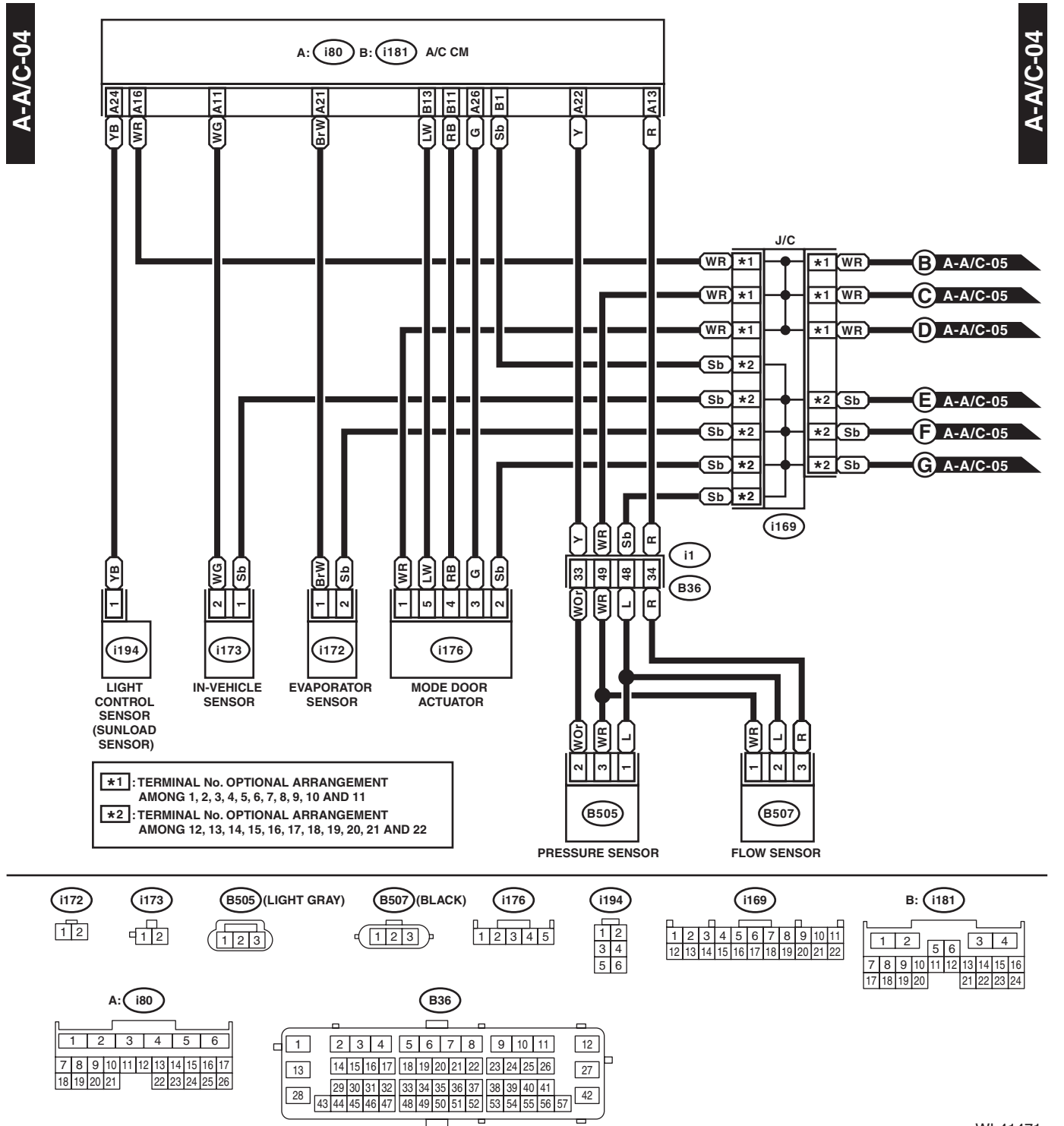
Air Conditioning System

WIRING SYSTEM



Air Conditioning System

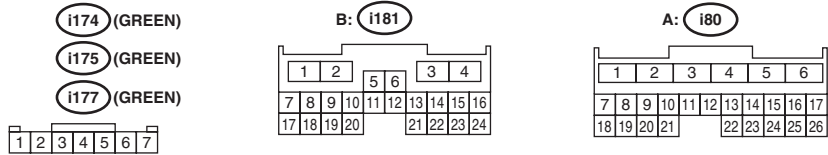
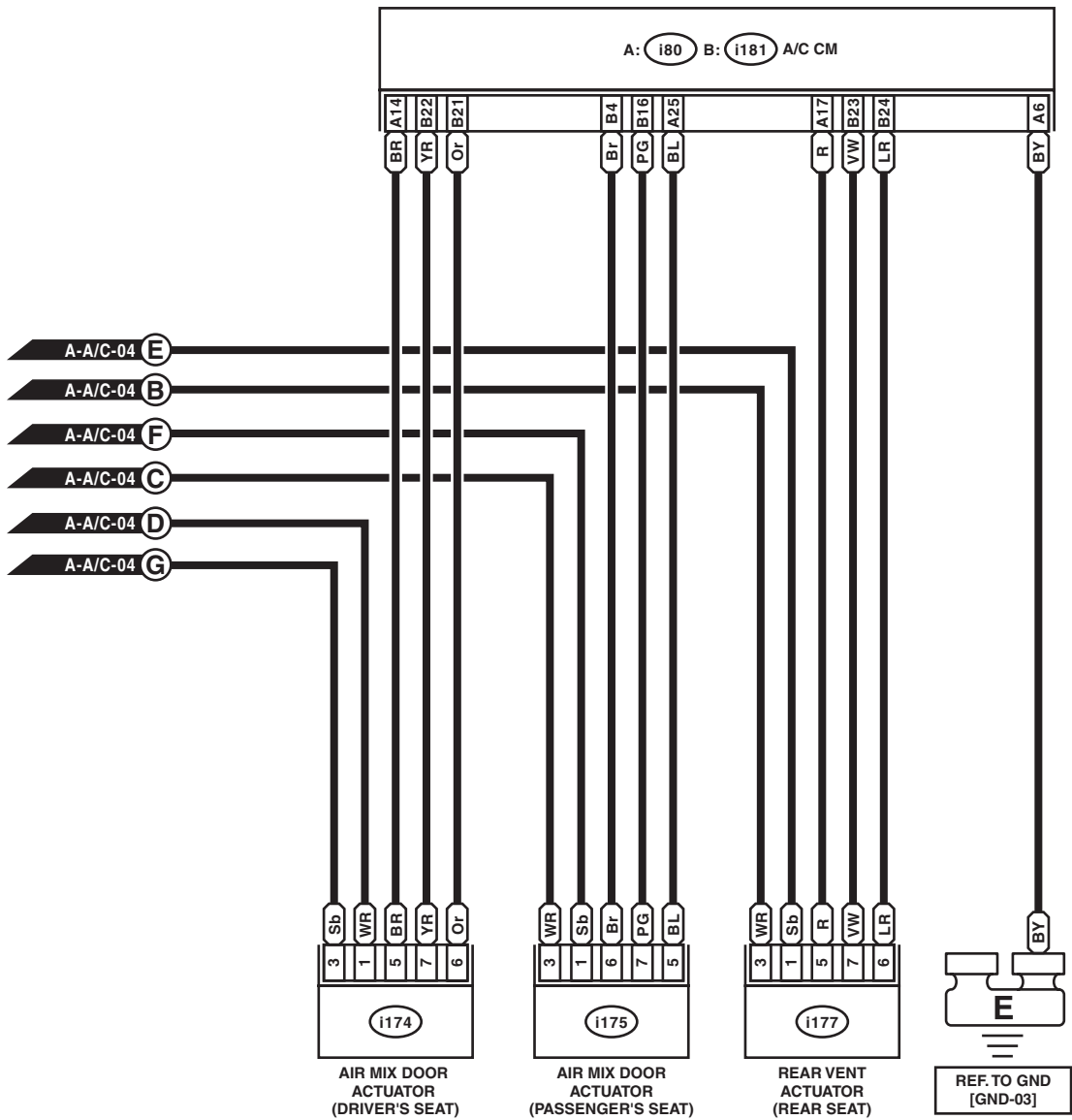
WIRING SYSTEM



WI-41471

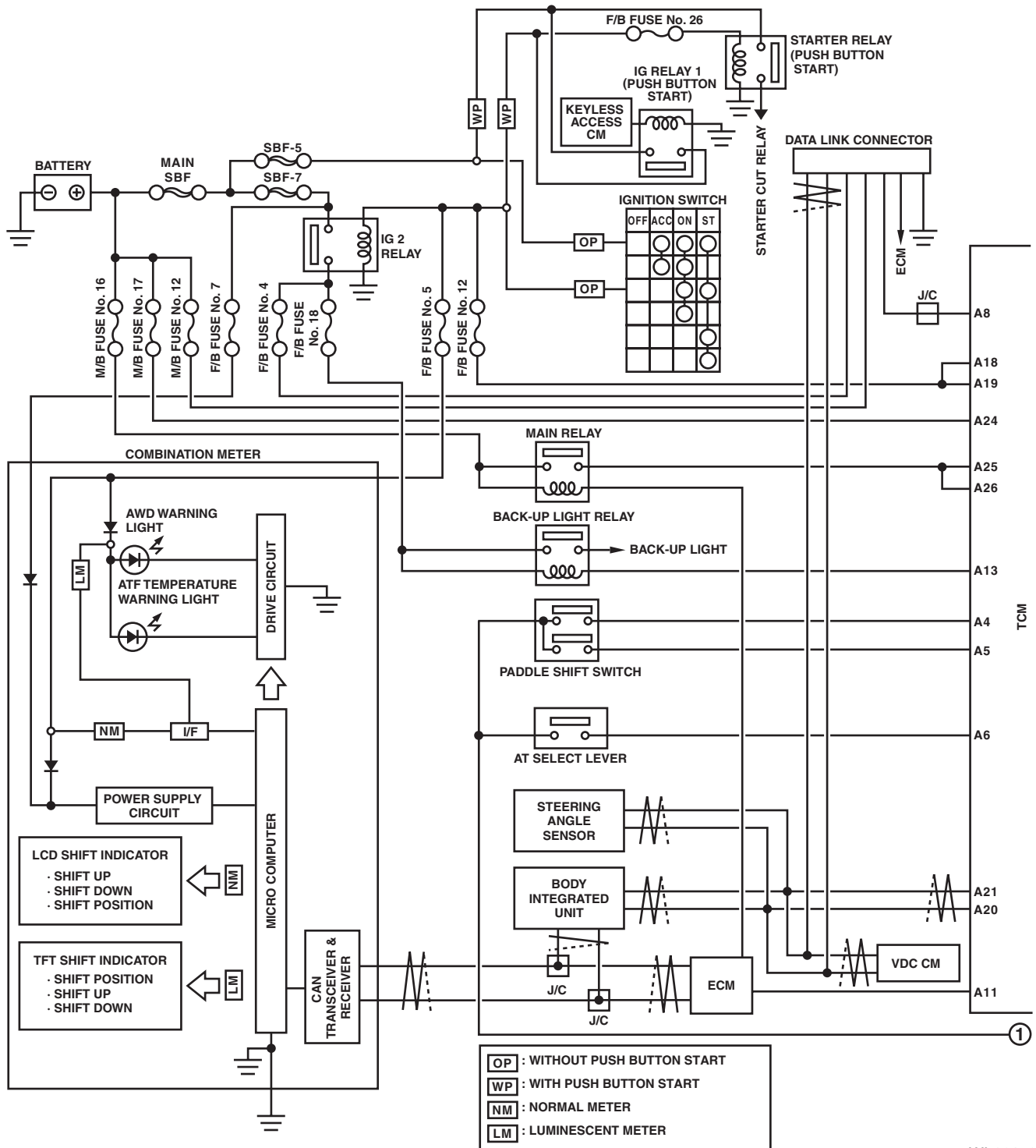
A-A/C-05

A-A/C-05

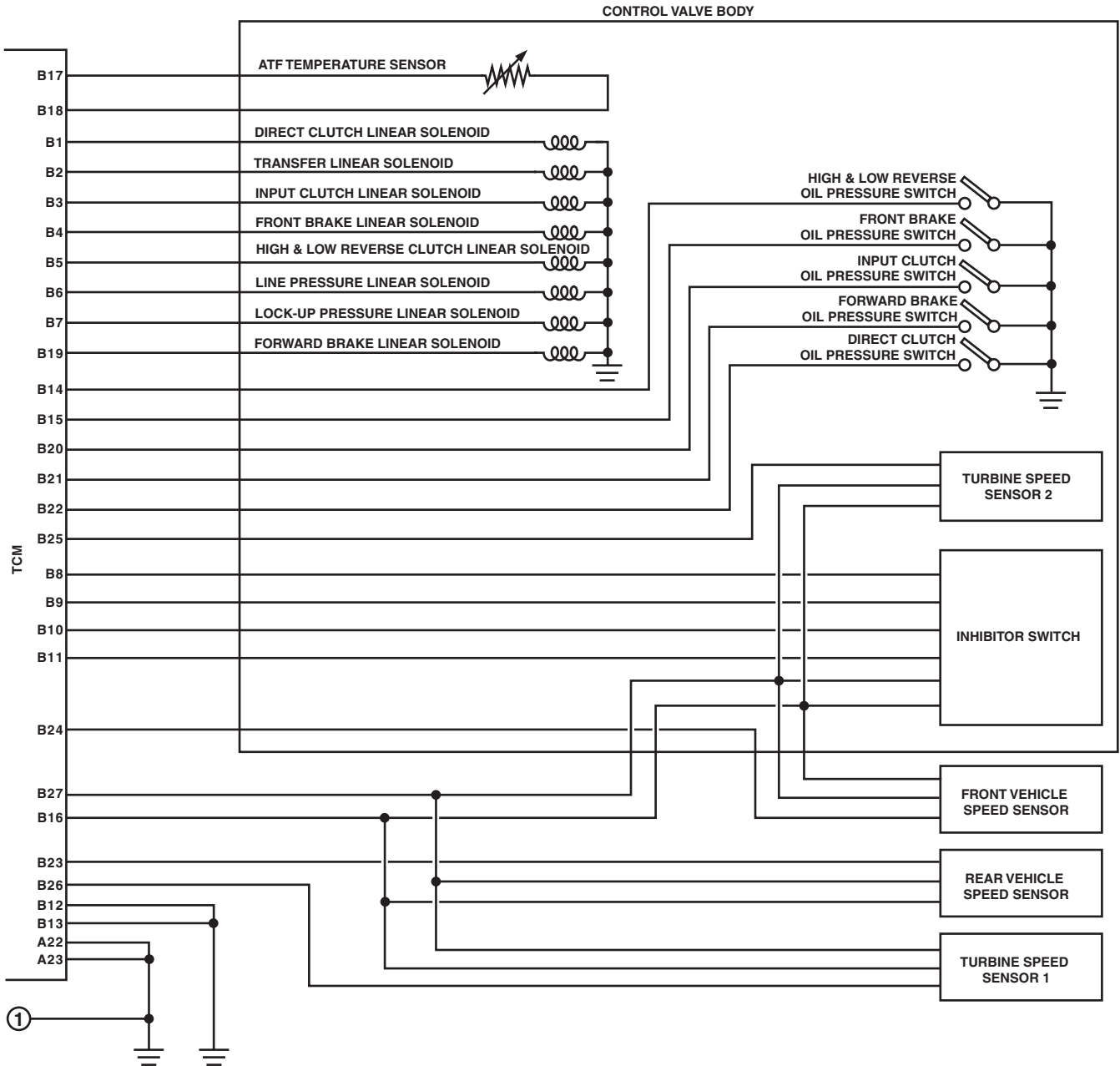


7. AT Control System

A: WIRING DIAGRAM



WI-36153



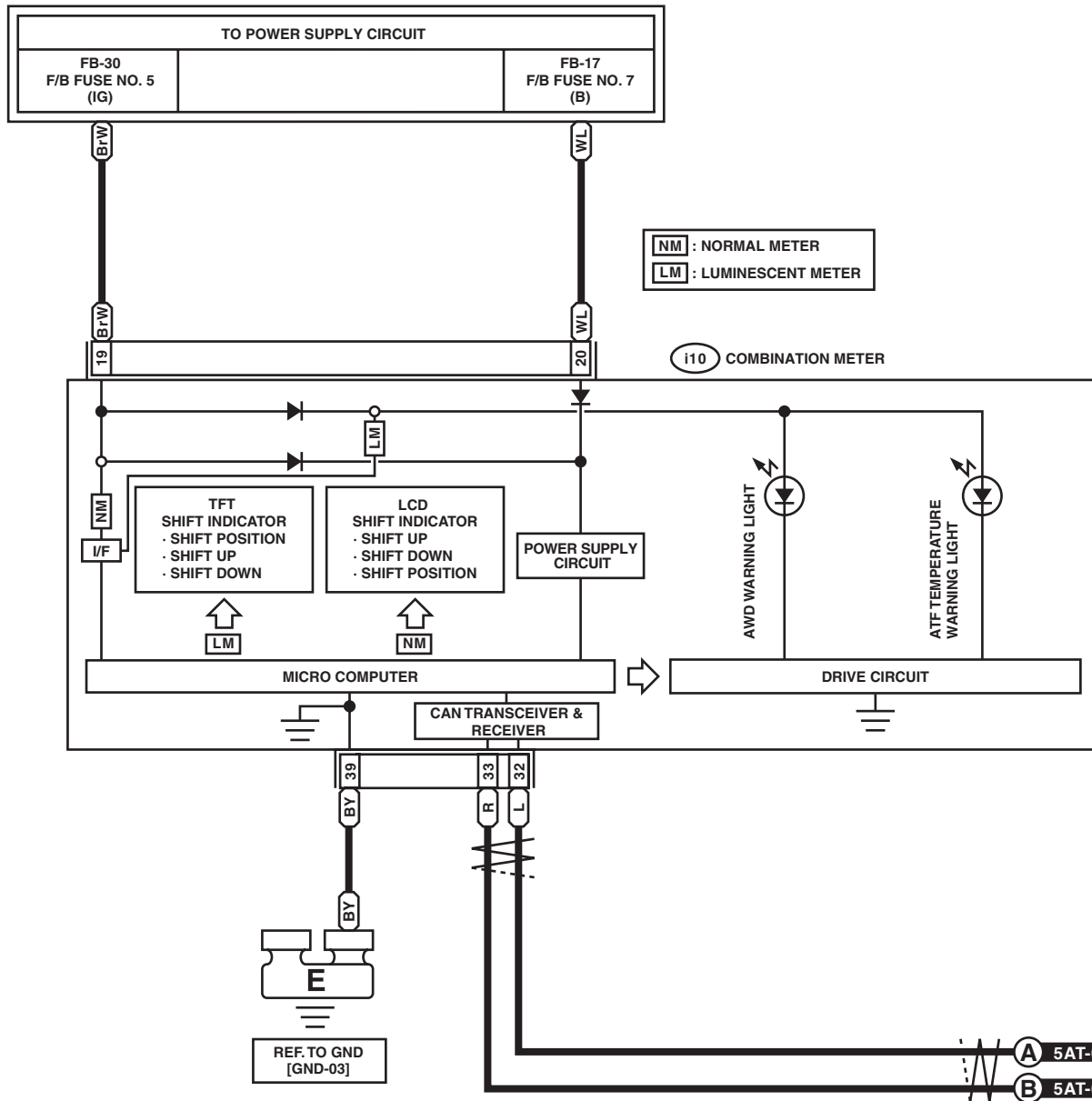
WI-25427

AT Control System

WIRING SYSTEM

5AT-01

5AT-01



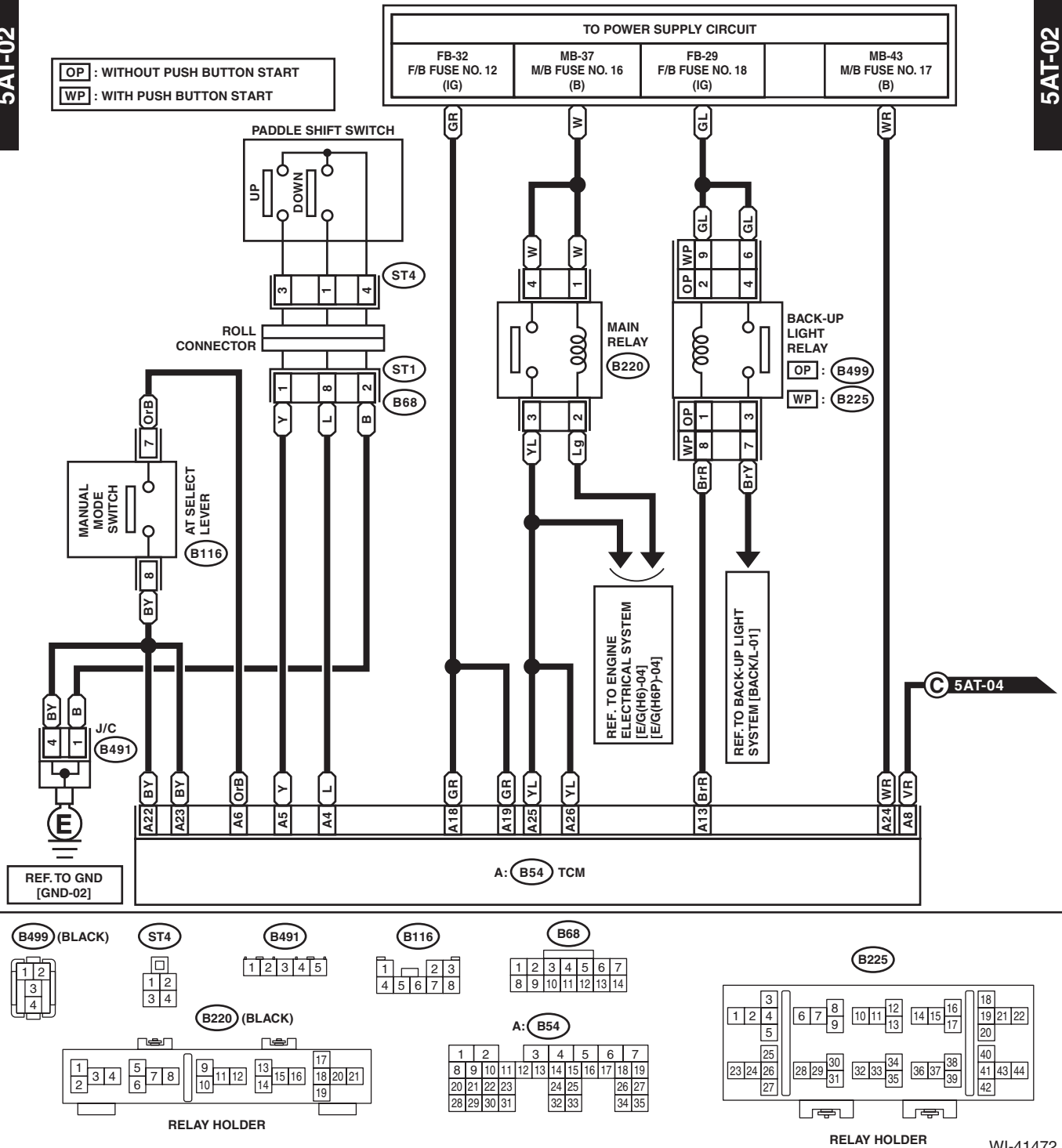
i10

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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WI-36154

5AT-02

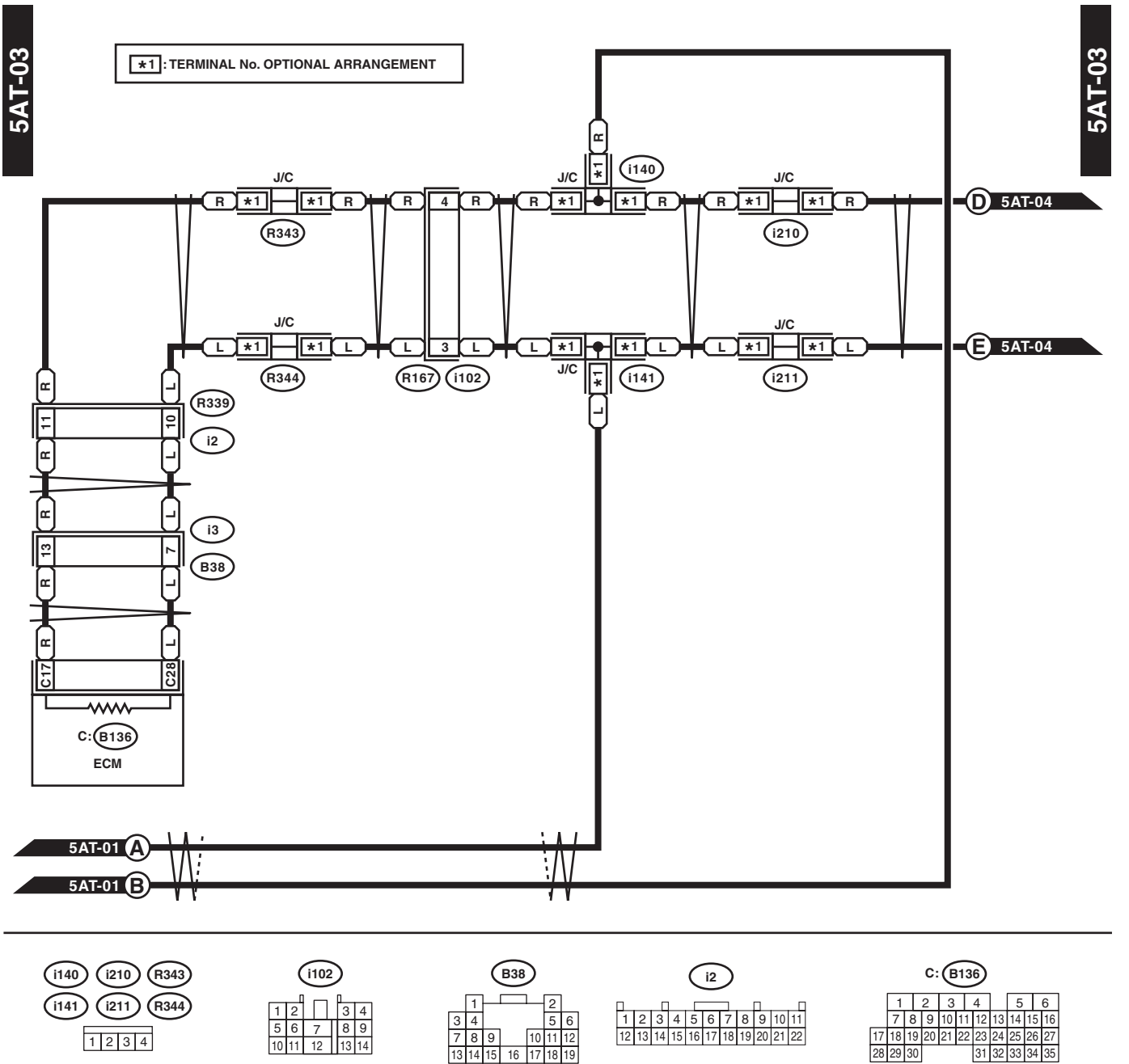
5AT-02



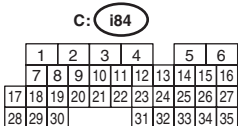
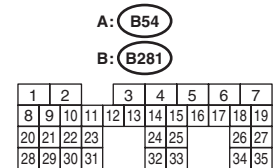
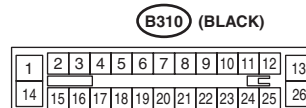
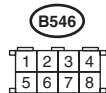
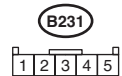
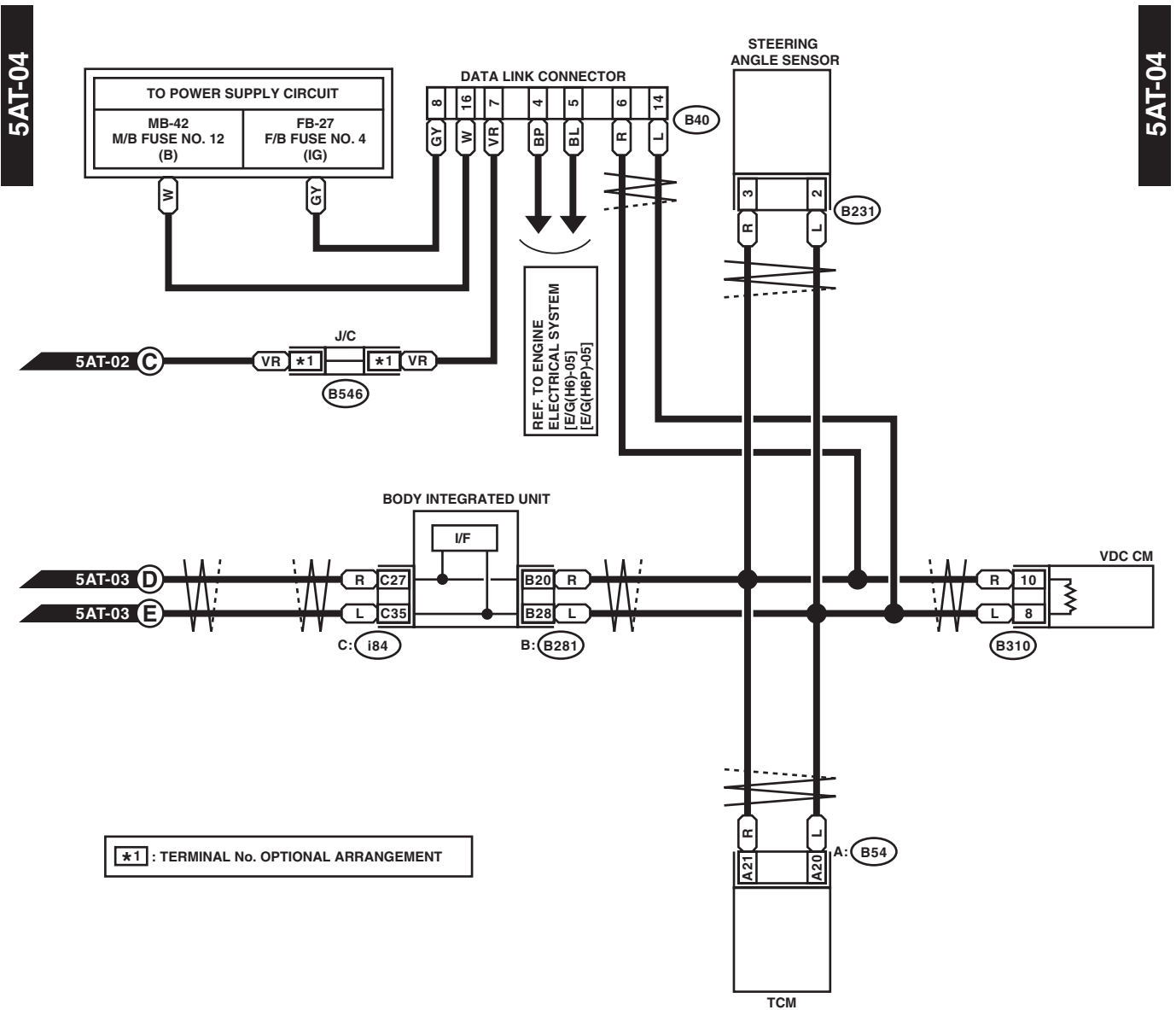
WI-41472

AT Control System

WIRING SYSTEM



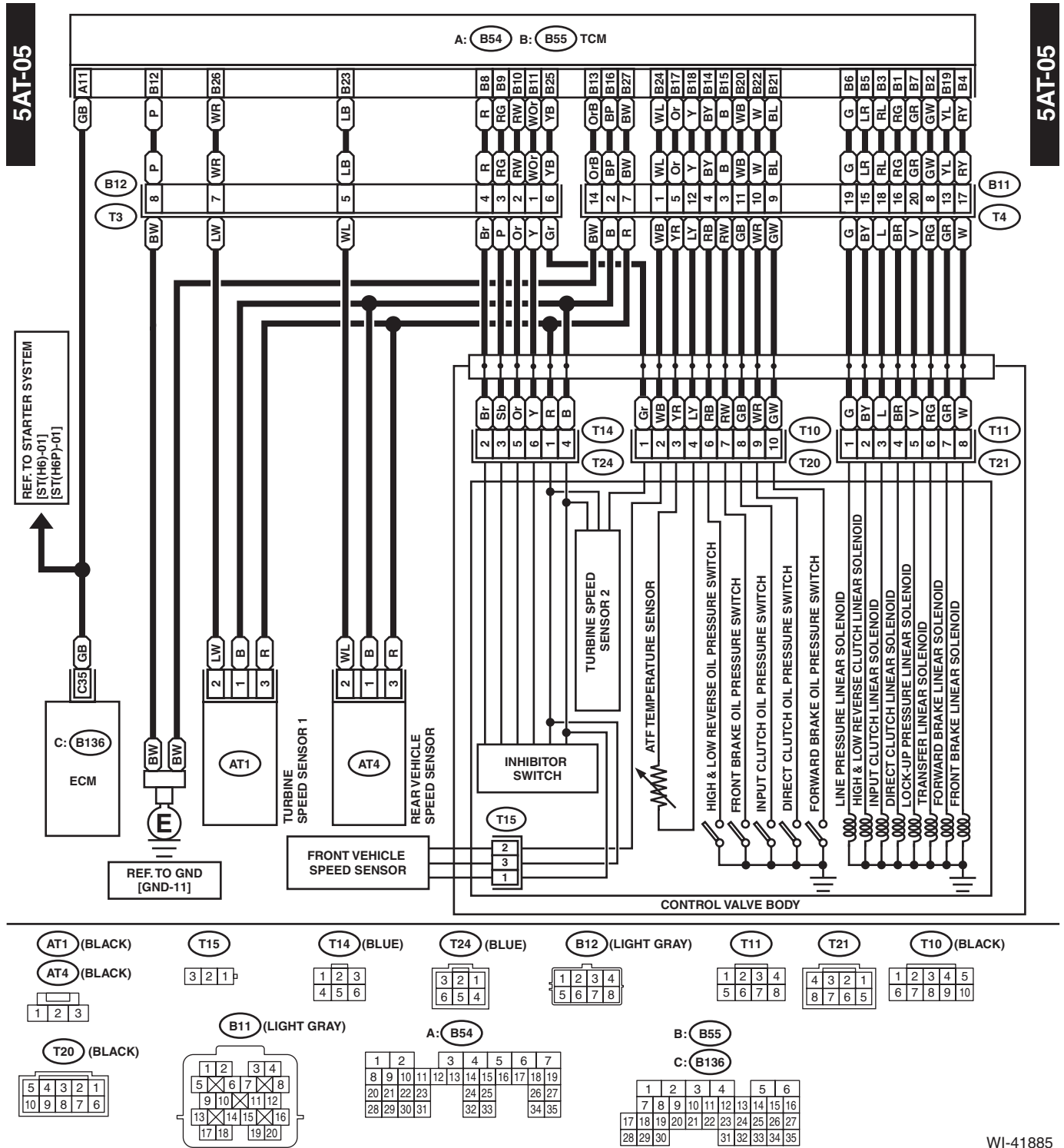
WI-36156



WI-36157

AT Control System

WIRING SYSTEM

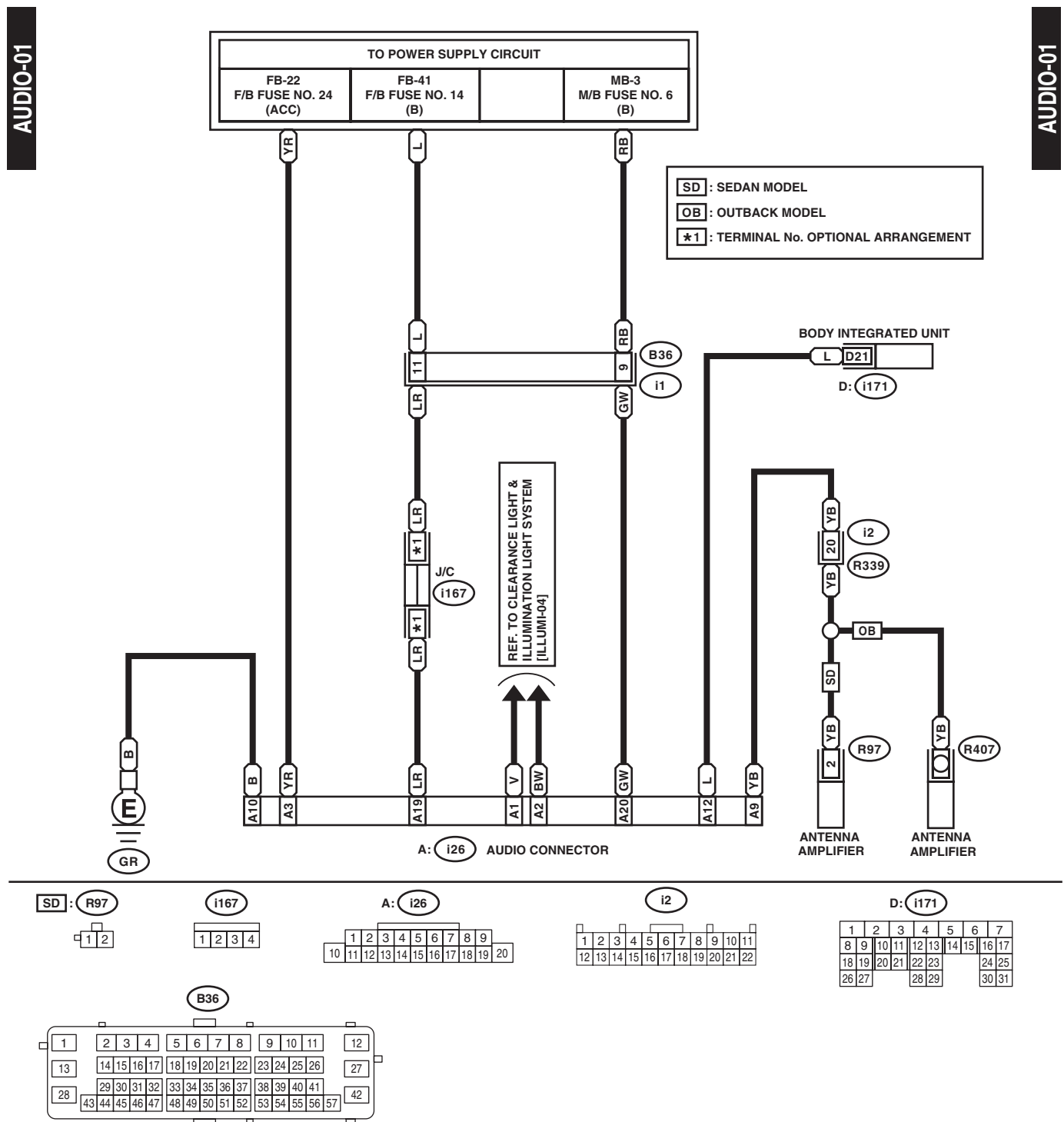


WI-41885

8. Audio System

A: WIRING DIAGRAM

1. WITHOUT AUDIO

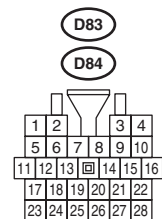
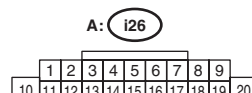
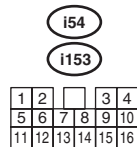
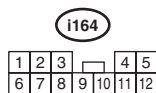
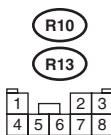
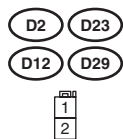
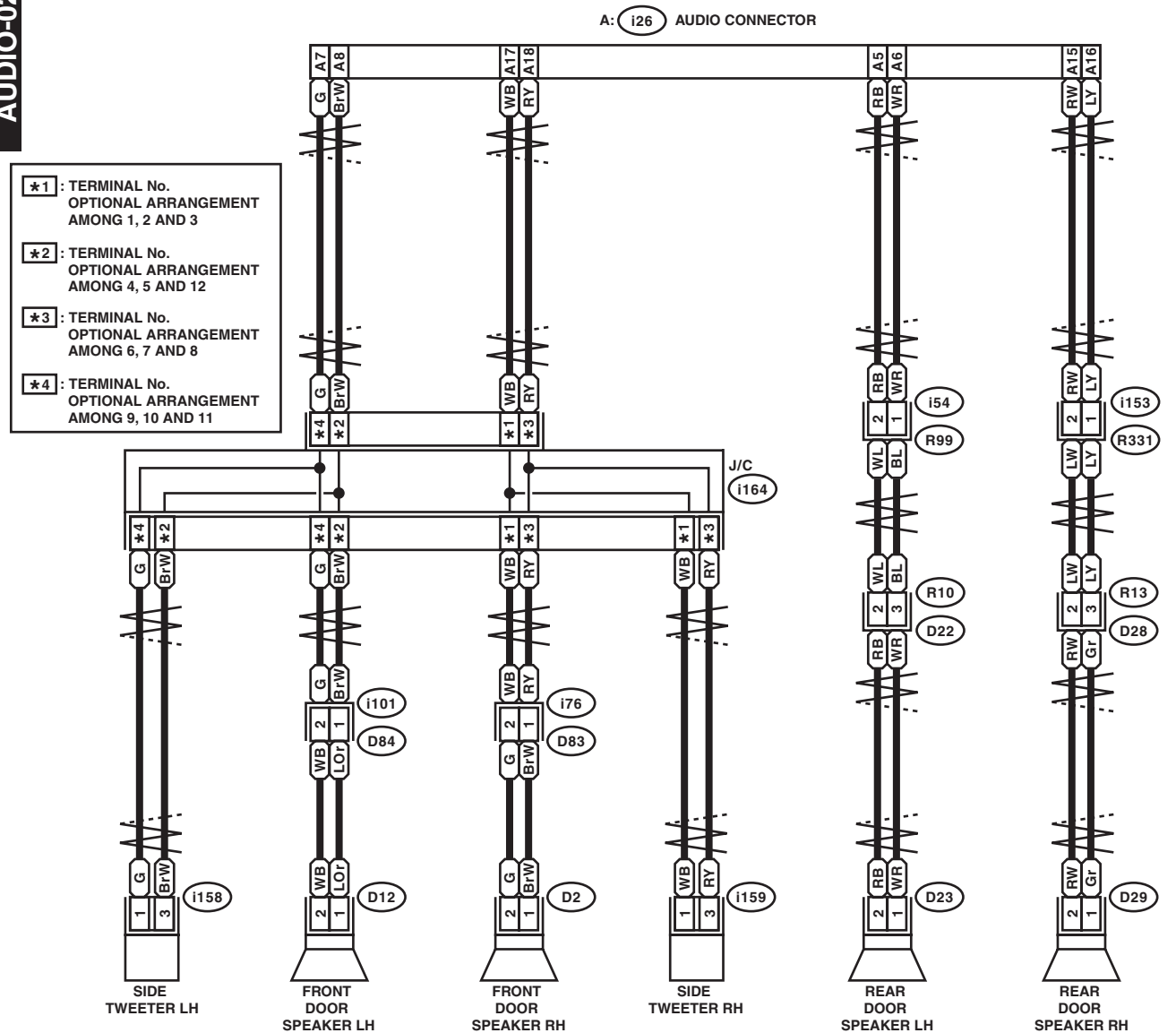


Audio System

WIRING SYSTEM

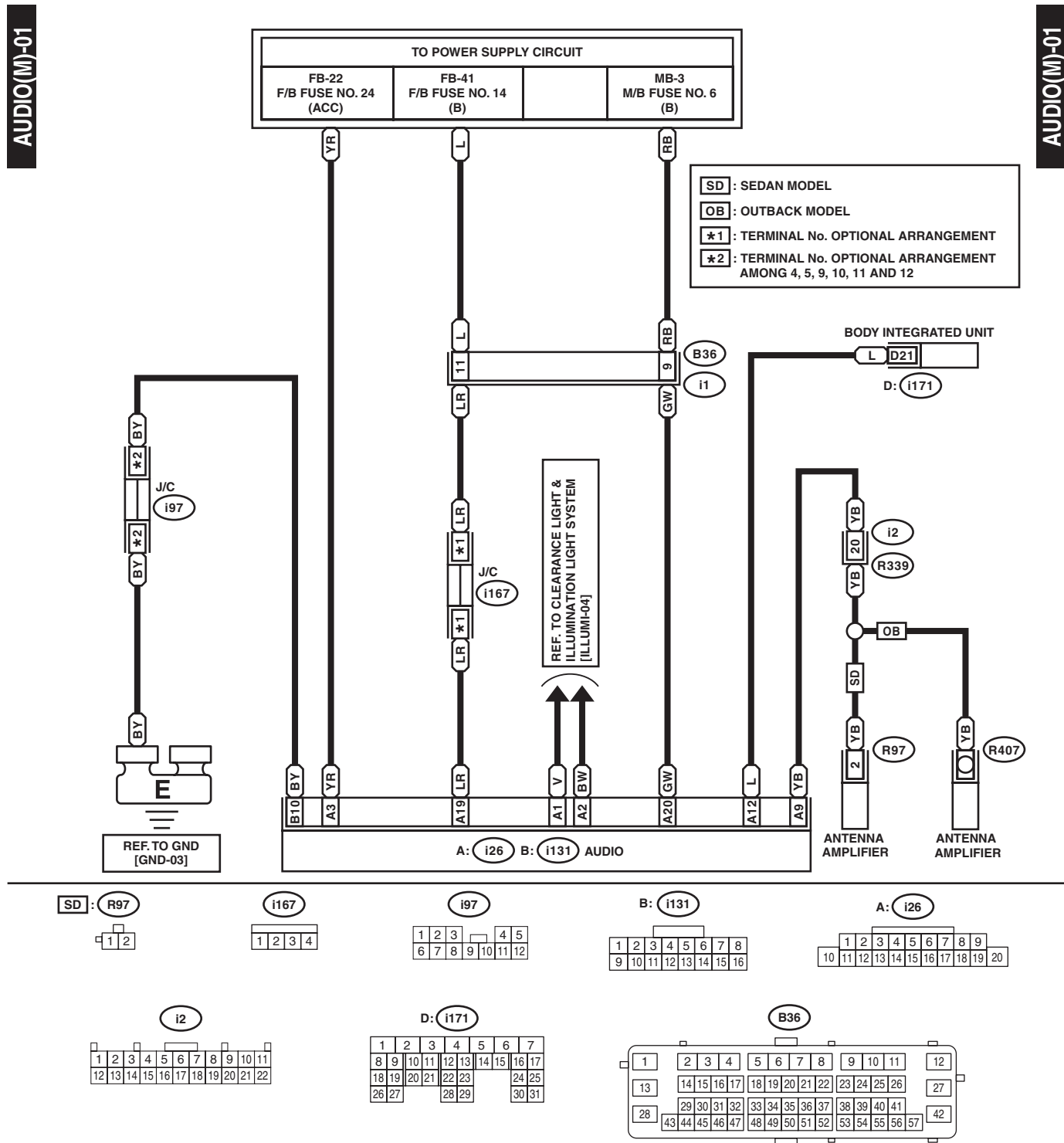
AUDIO-02

AUDIO-02



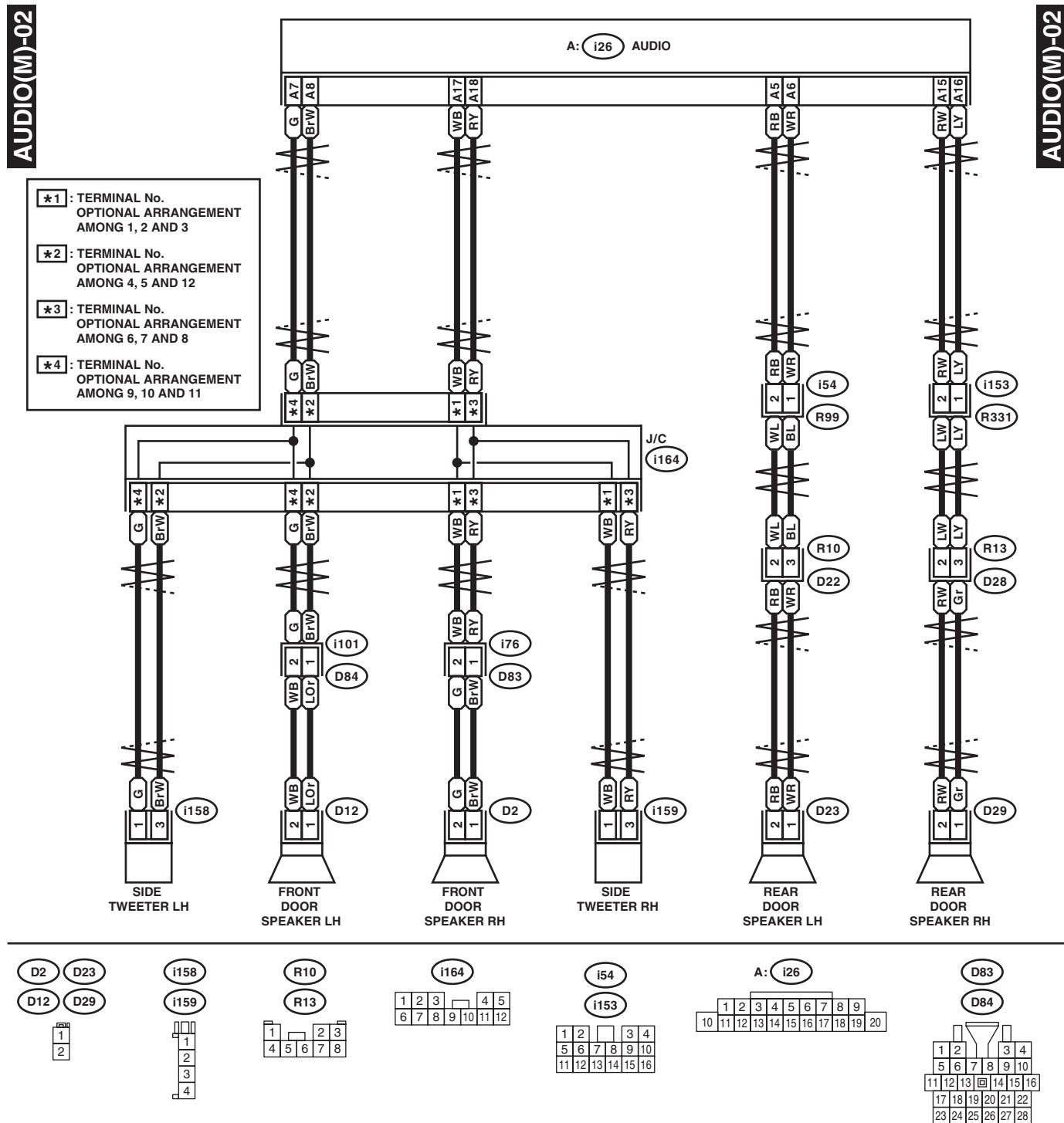
WI-41473

2. NORMAL AUDIO



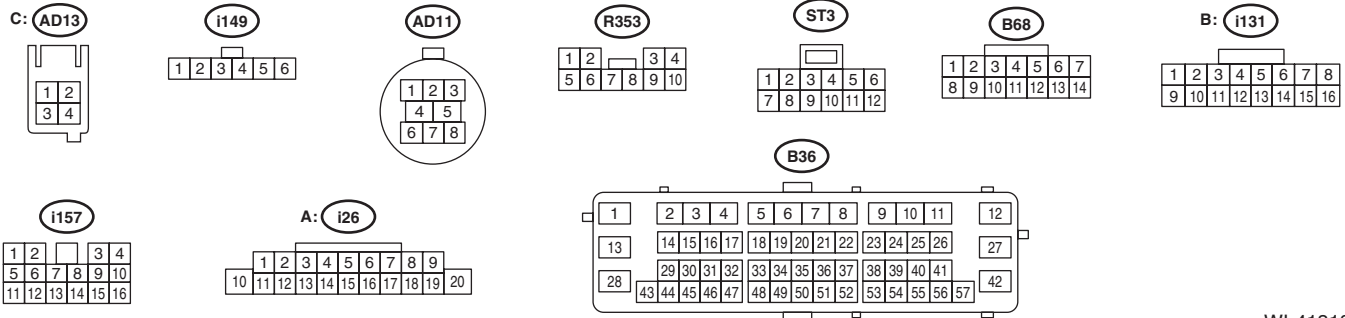
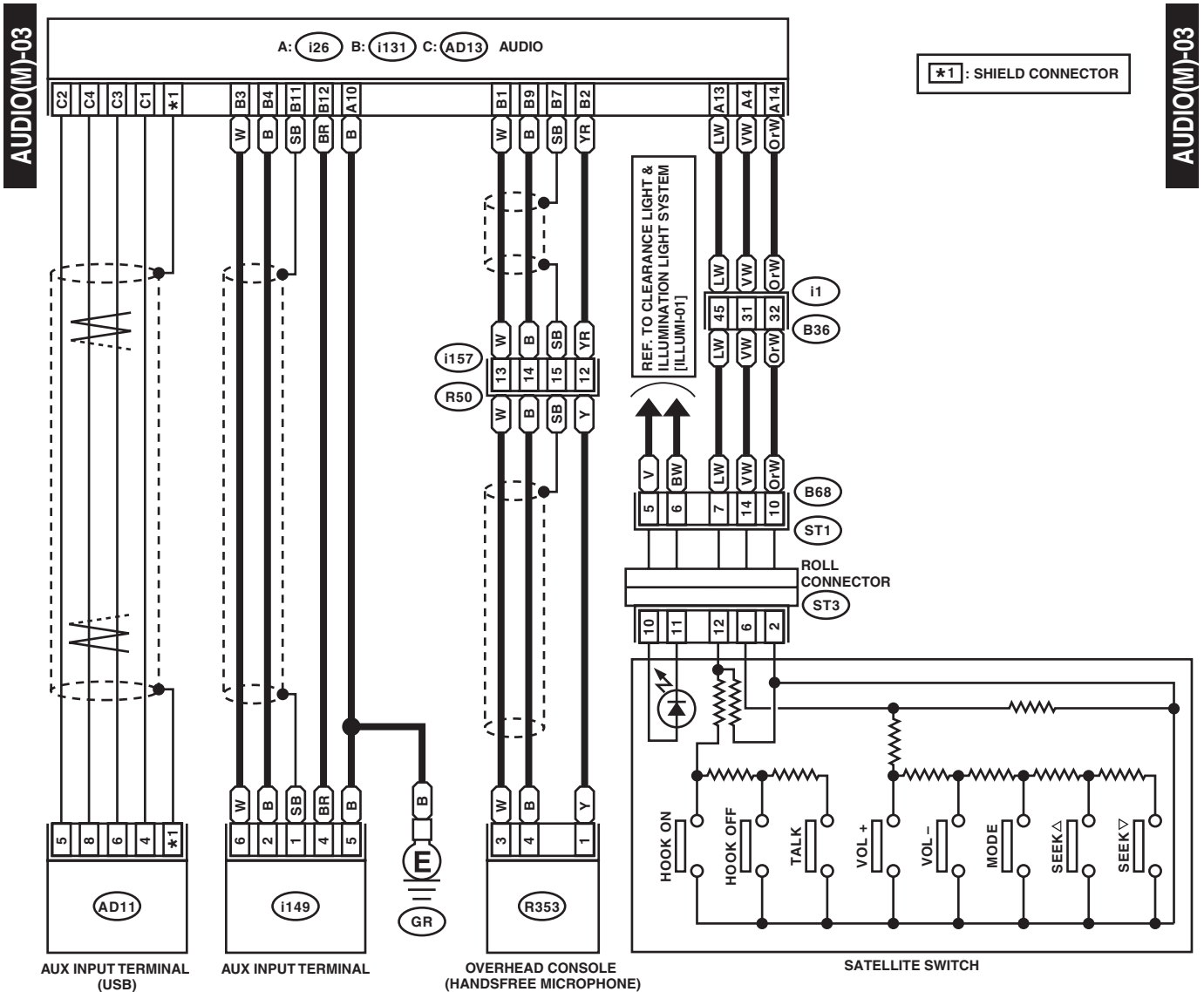
Audio System

WIRING SYSTEM



Audio System

WIRING SYSTEM

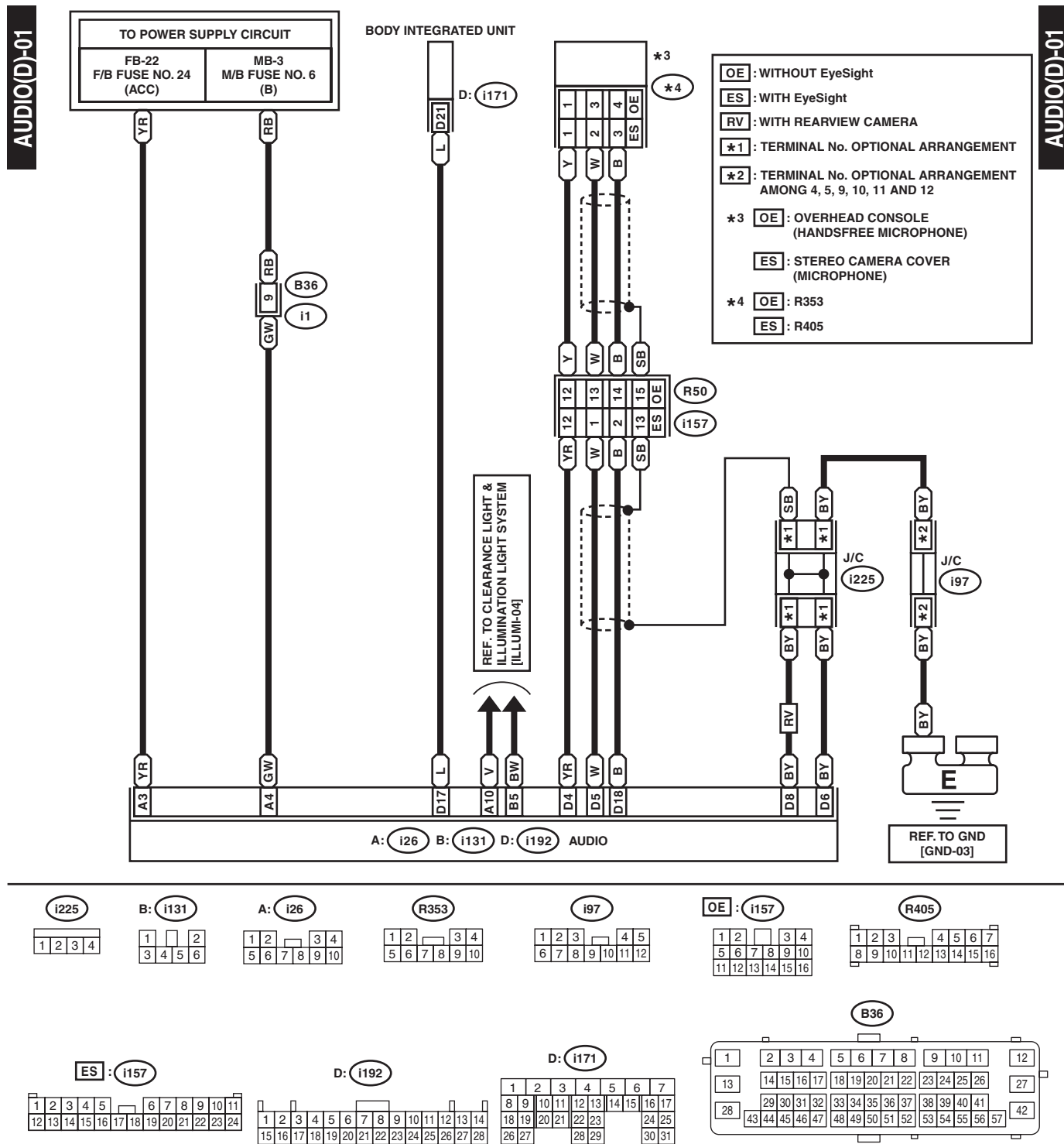


WI-41318

WIRING SYSTEM

3. DISPLAY AUDIO

- **Standard audio**

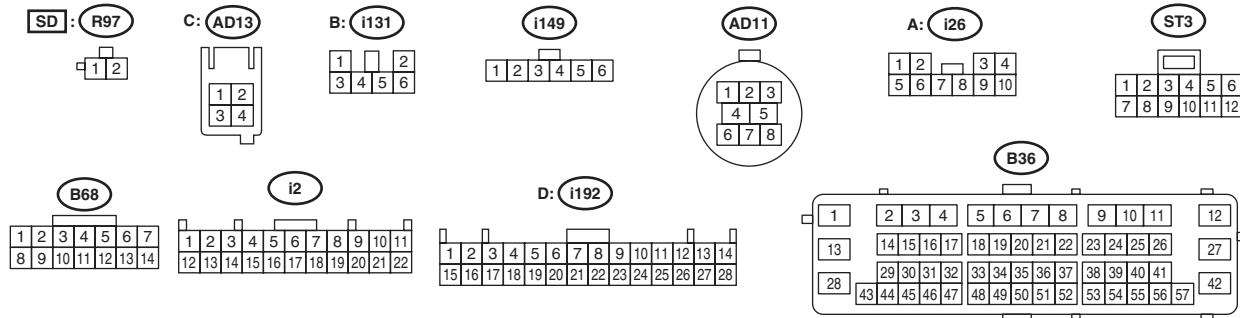
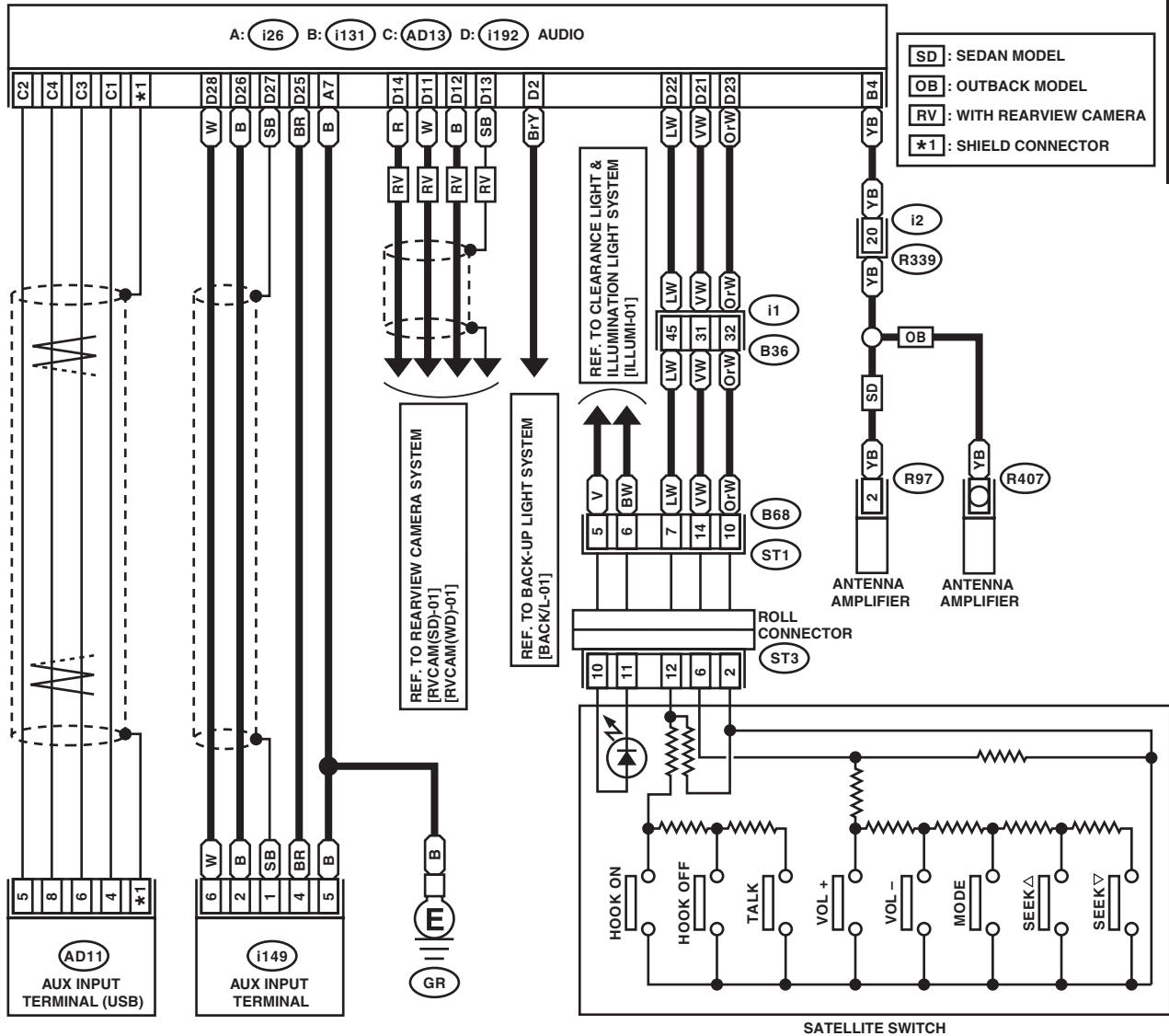


Audio System

WIRING SYSTEM

AUDIO(D)-02

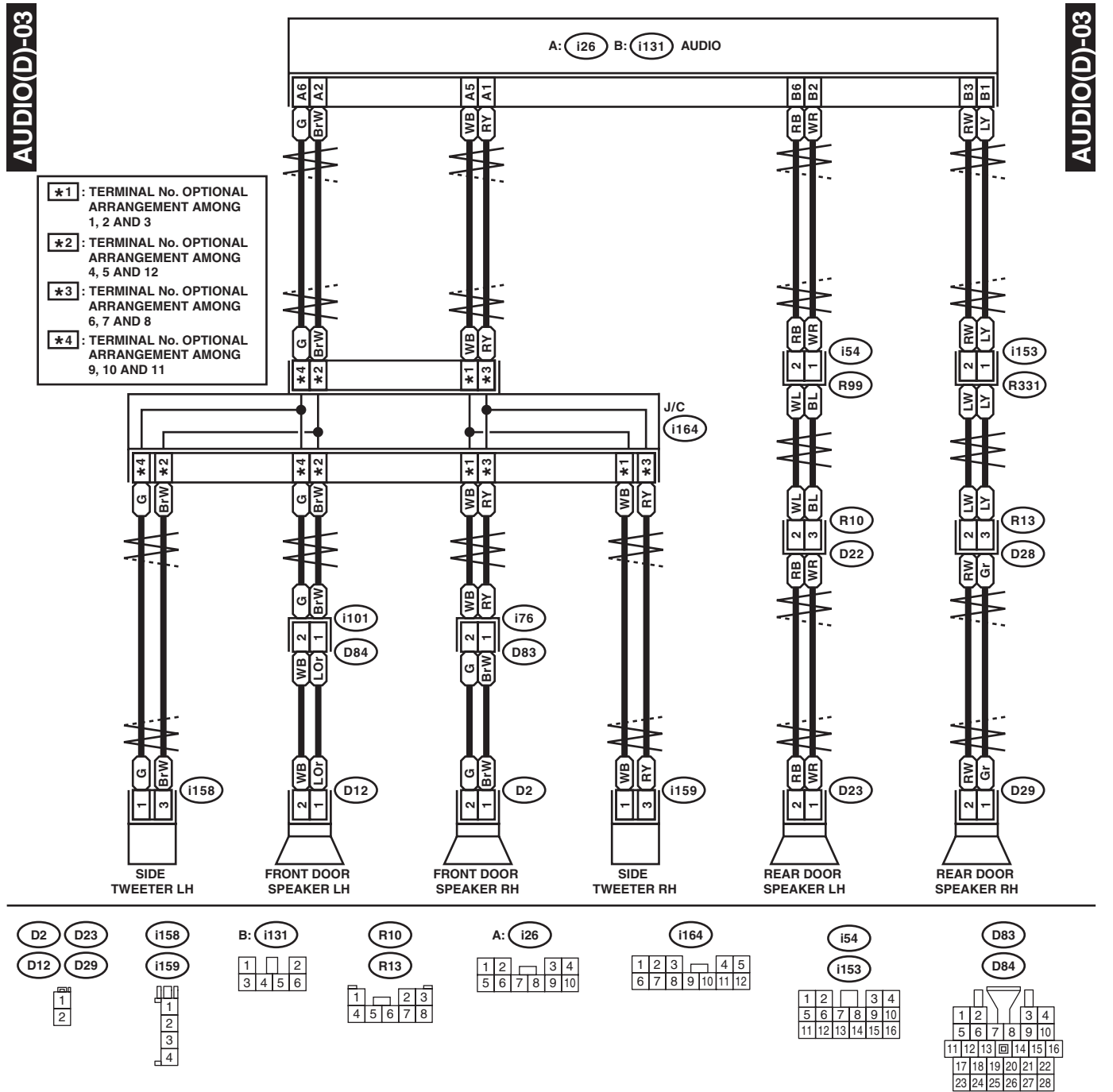
AUDIO(D)-02



WI-41320

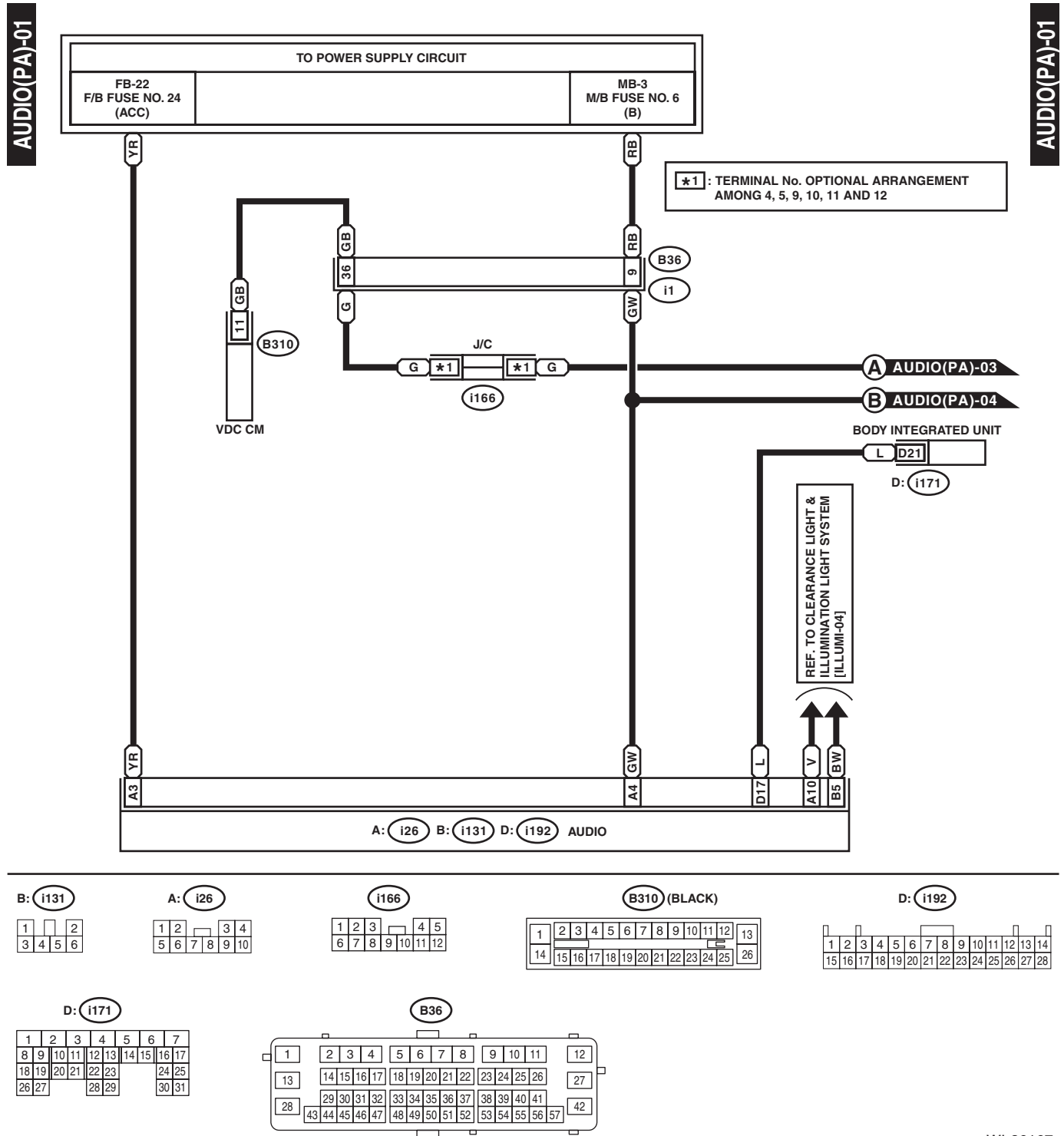
Audio System

WIRING SYSTEM



WI-41321

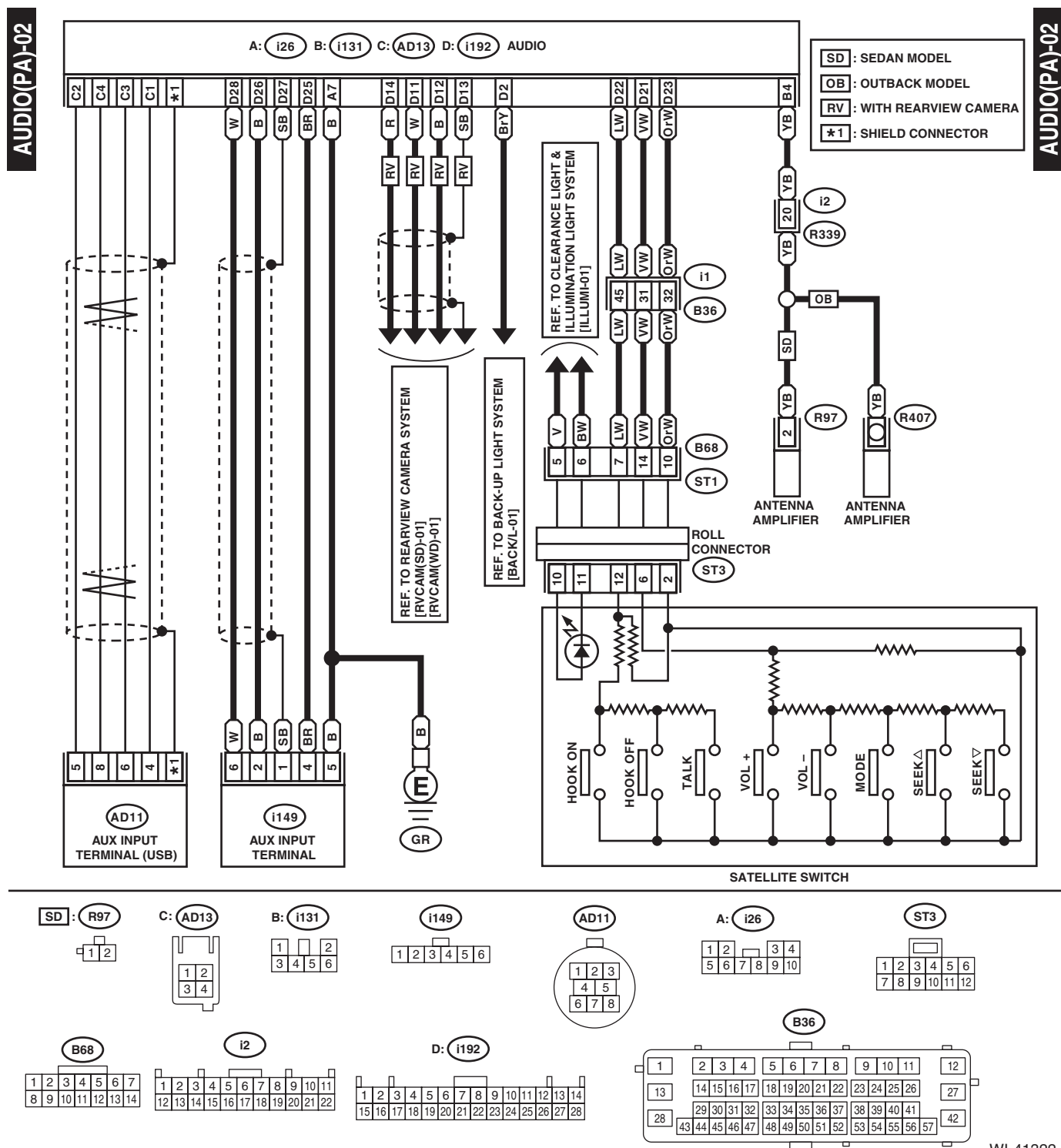
• Premium audio



WI-36167

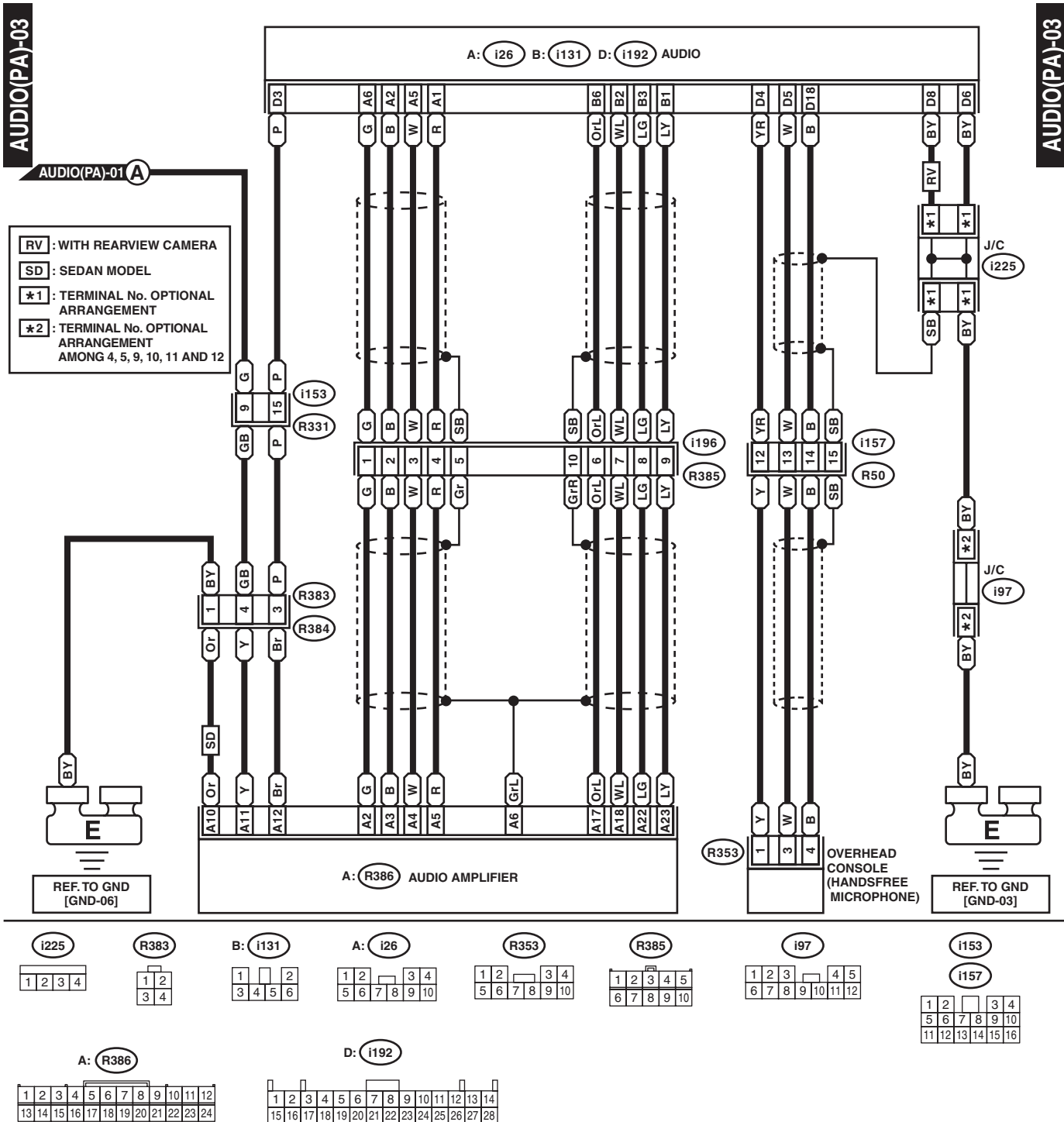
Audio System

WIRING SYSTEM



Audio System

WIRING SYSTEM



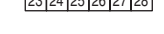
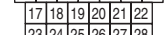
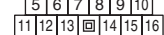
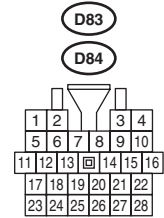
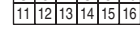
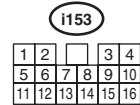
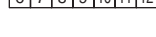
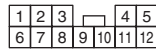
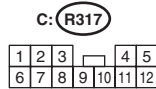
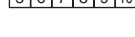
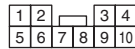
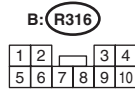
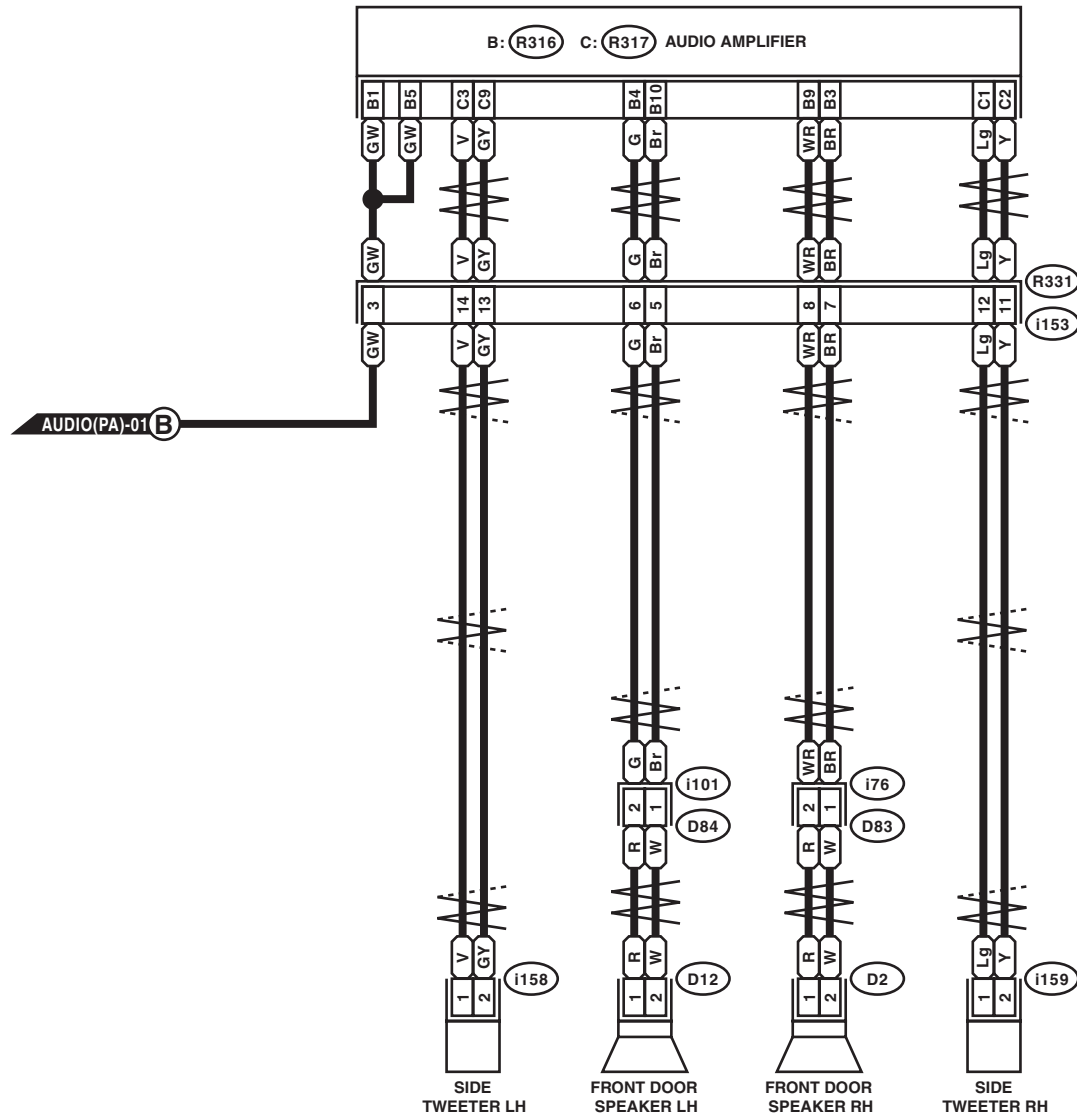
WI-41323

WIRING SYSTEM

WIRING SYSTEM

AUDIO(PA)-04

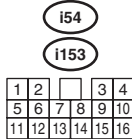
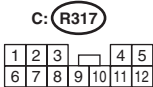
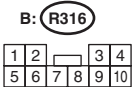
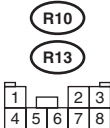
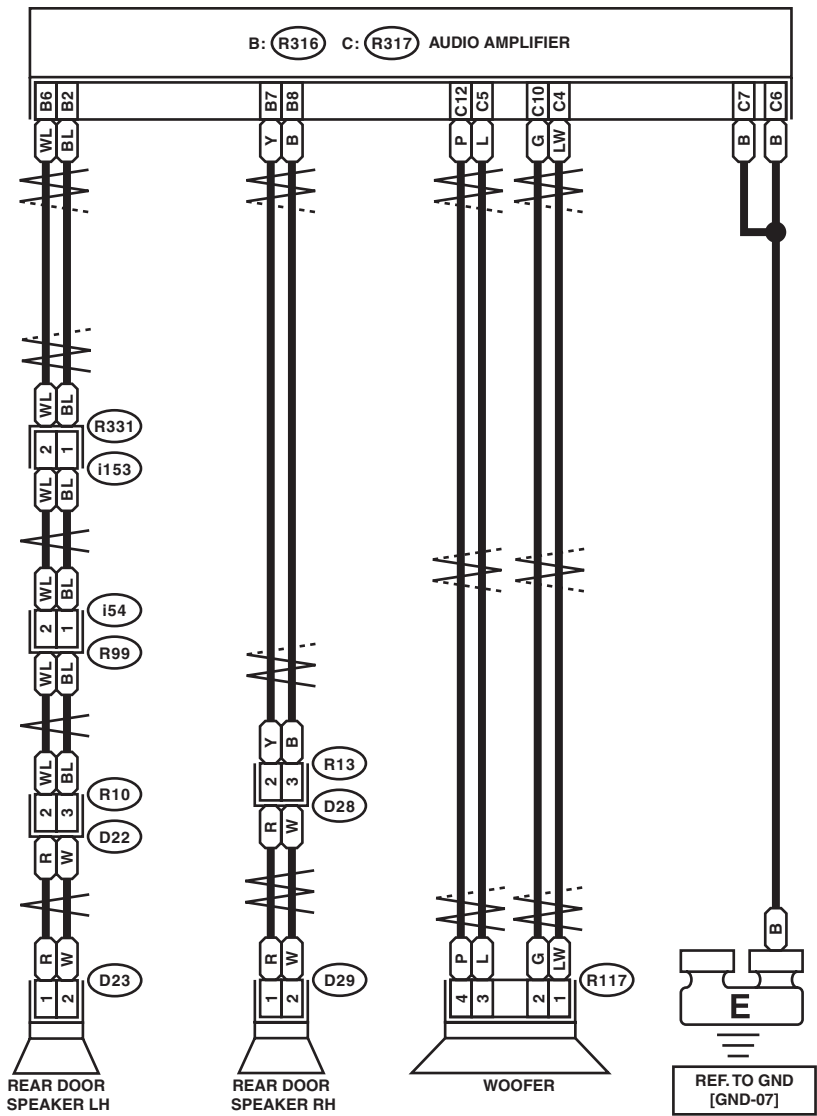
AUDIO(PA)-04



WI-36170

AUDIO(PA)-05

AUDIO(PA)-05

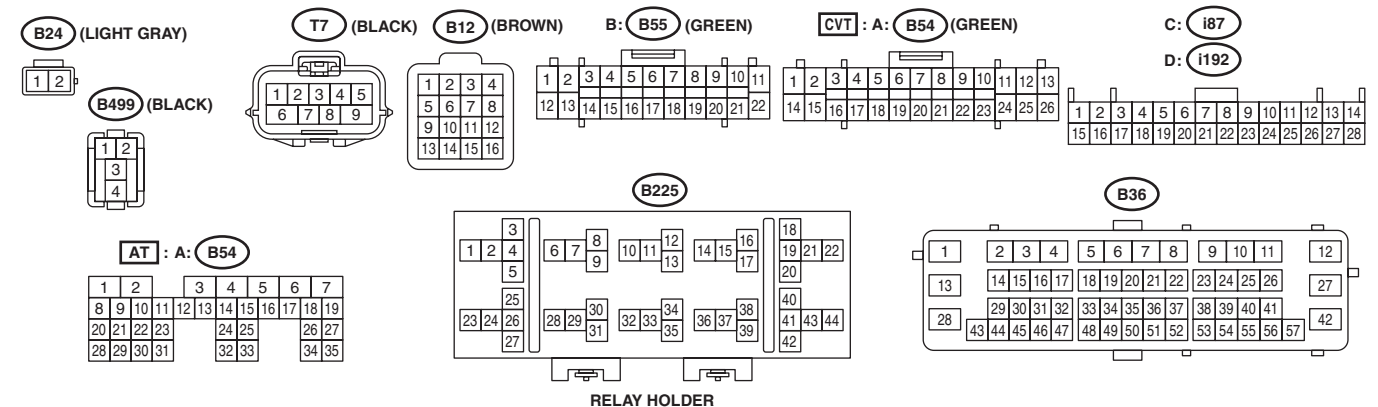
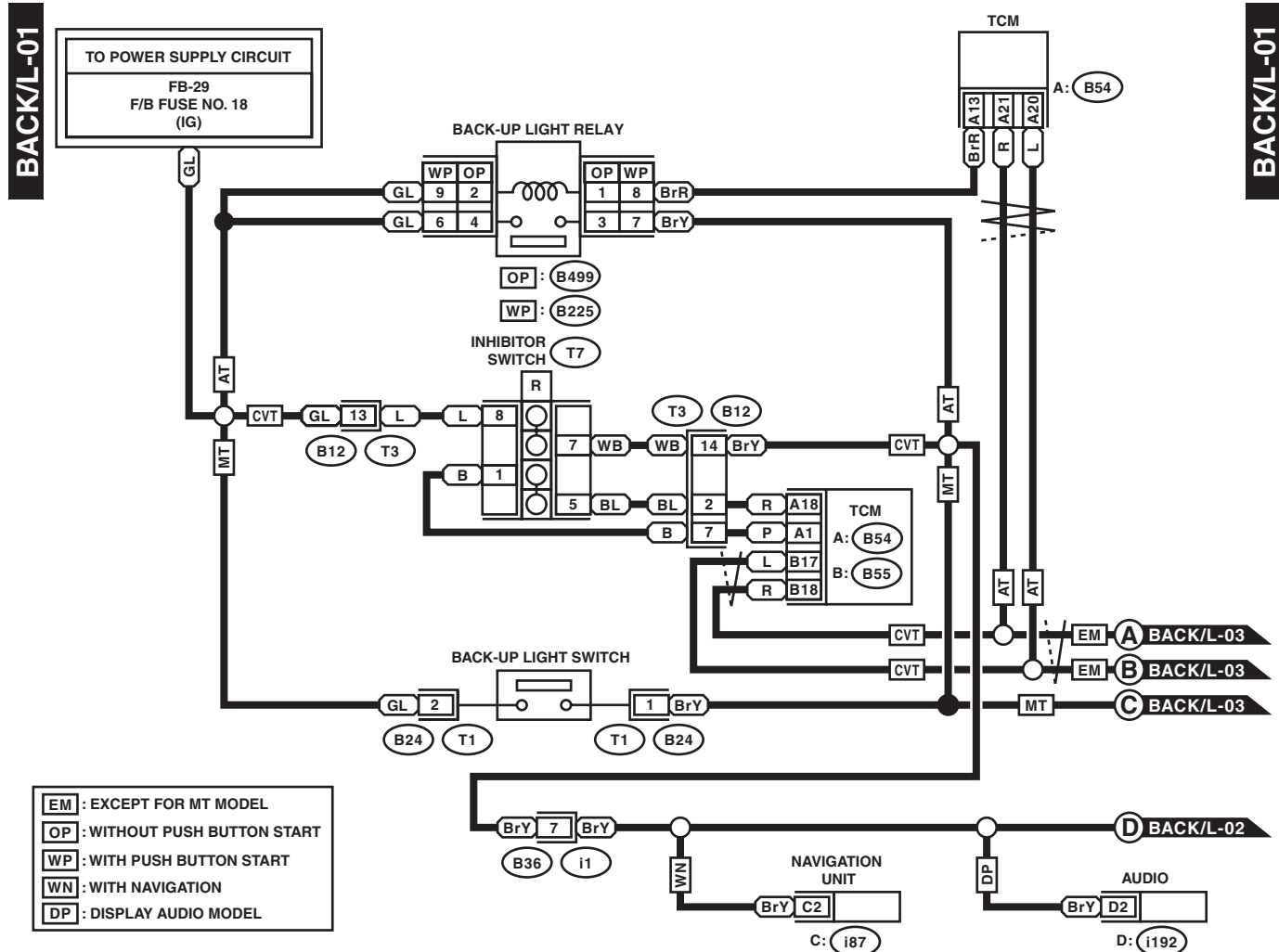


Back-up Light System

WIRING SYSTEM

9. Back-up Light System

A: WIRING DIAGRAM



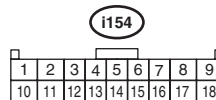
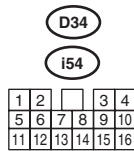
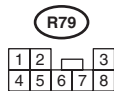
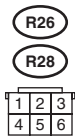
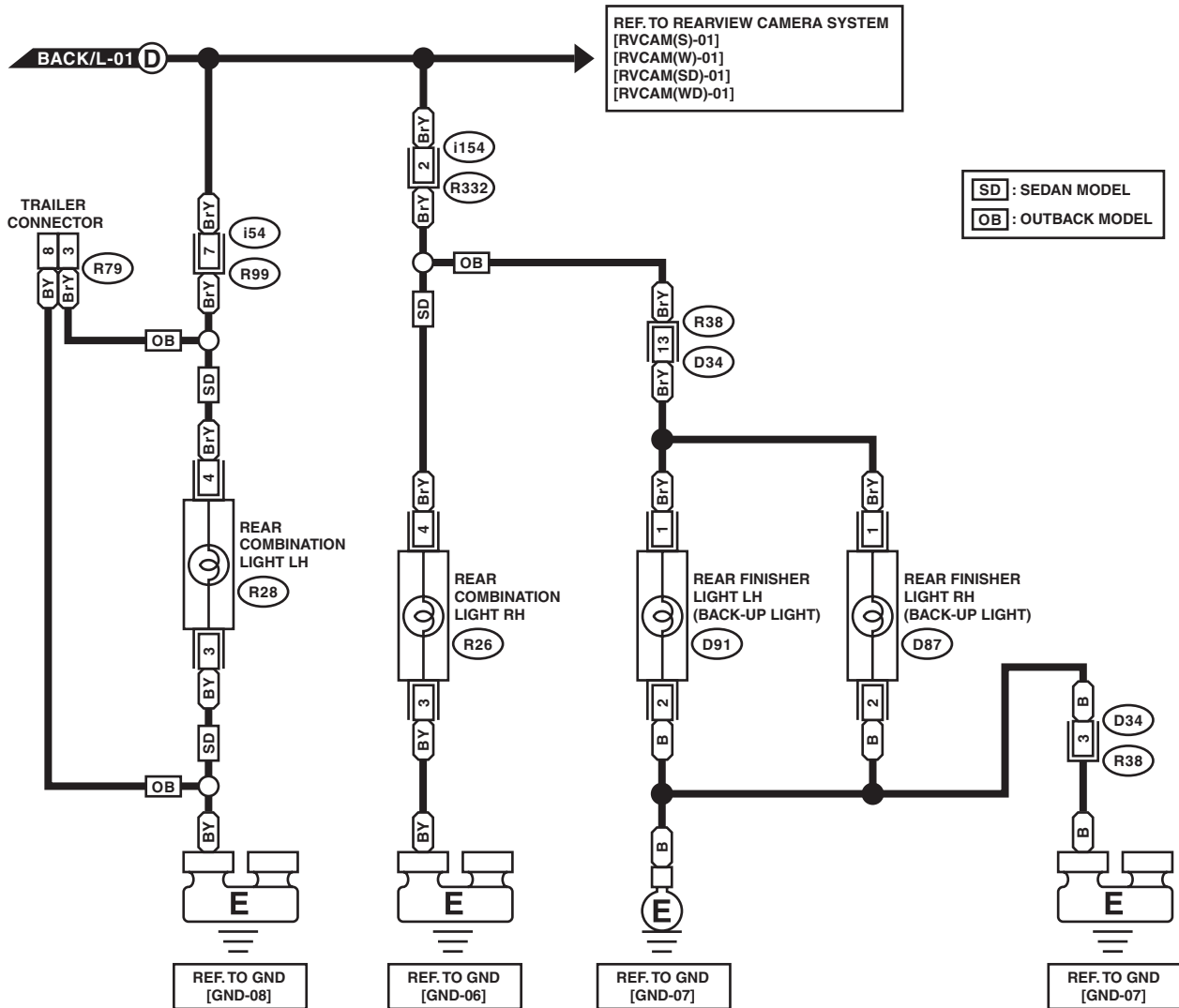
WI-41324

Back-up Light System

WIRING SYSTEM

BACK/L-02

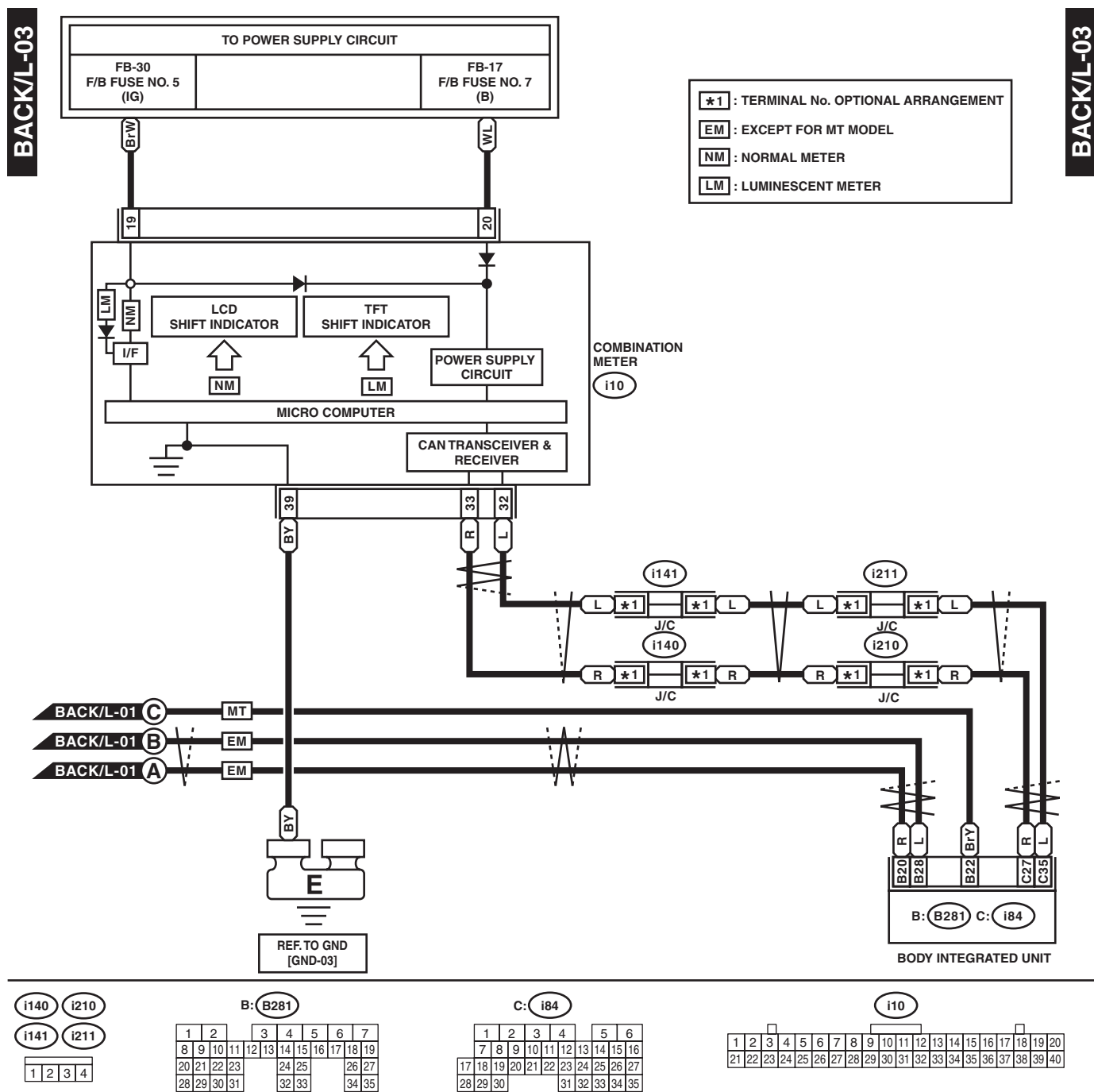
BACK/L-02



WI-41325

Back-up Light System

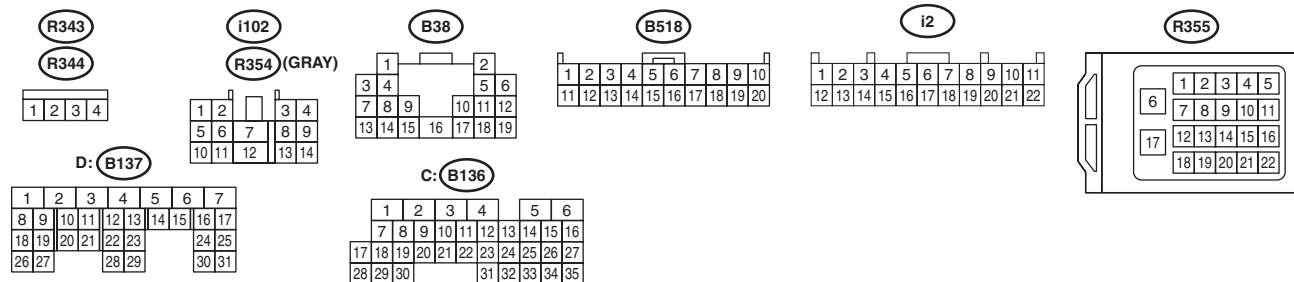
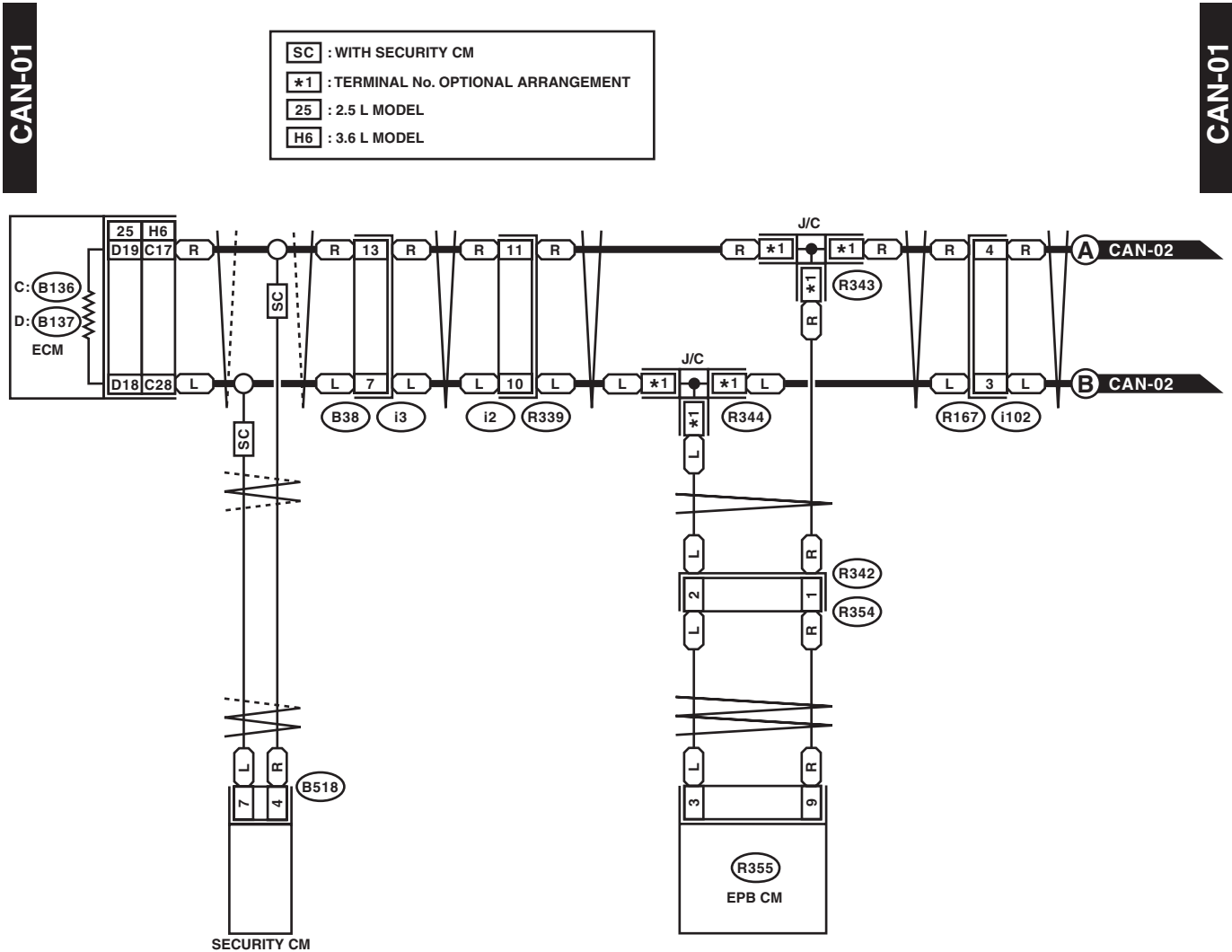
WIRING SYSTEM



WI-42057

10.CAN Communication System

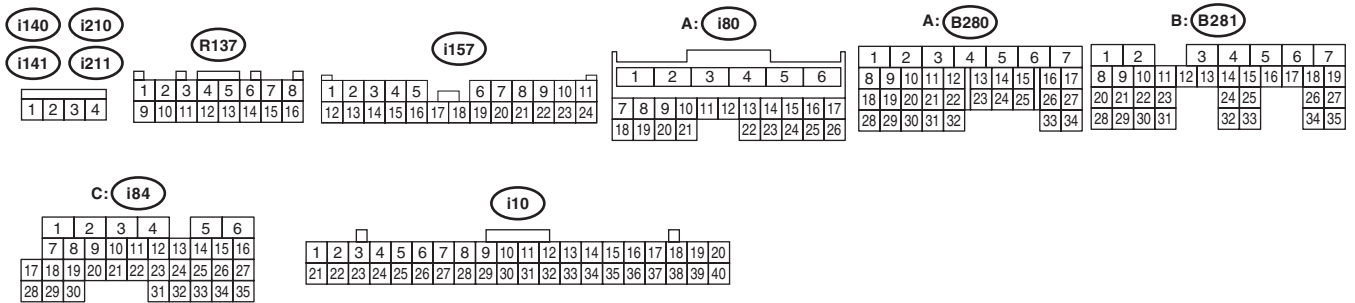
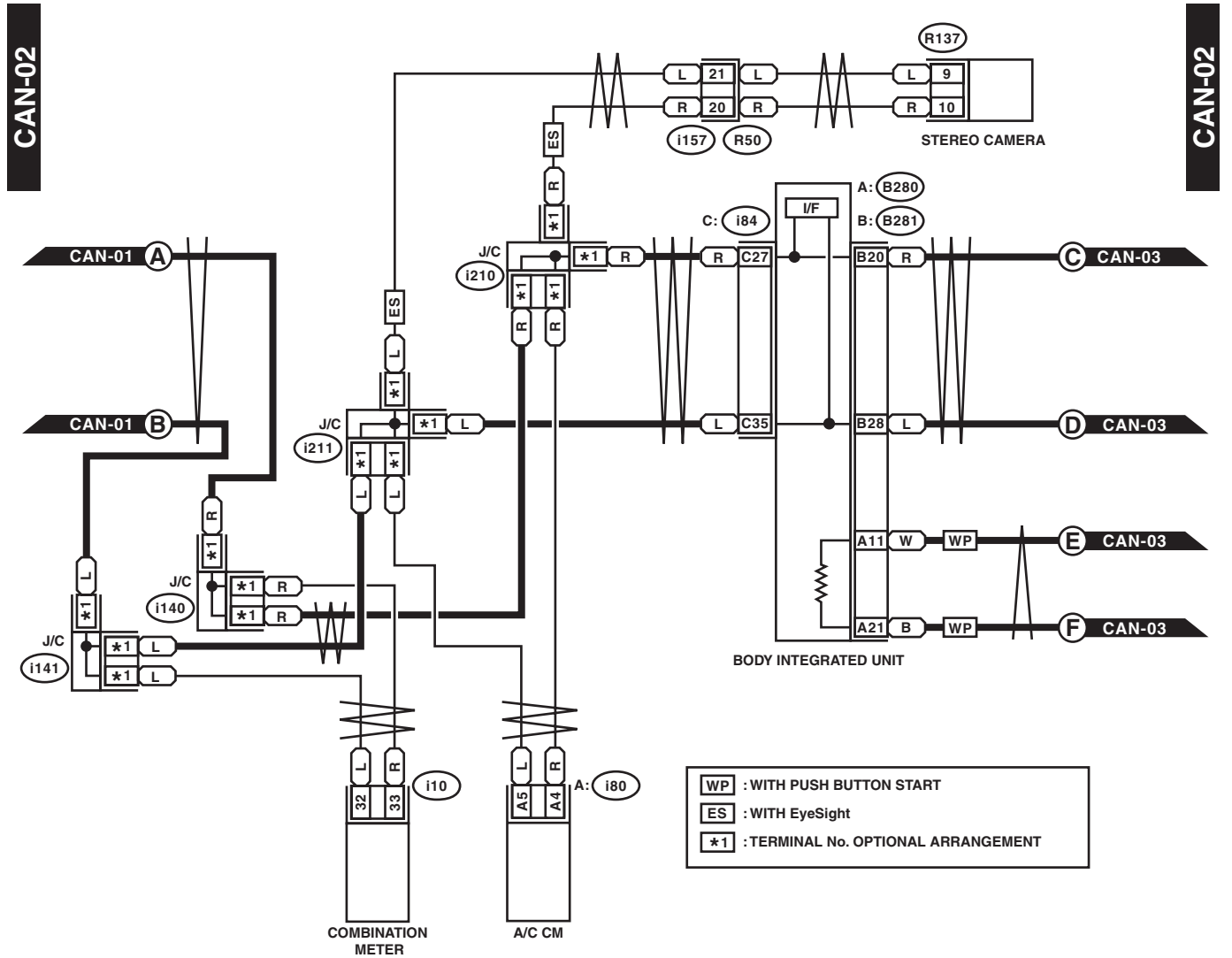
A: WIRING DIAGRAM



WI-36175

CAN Communication System

WIRING SYSTEM



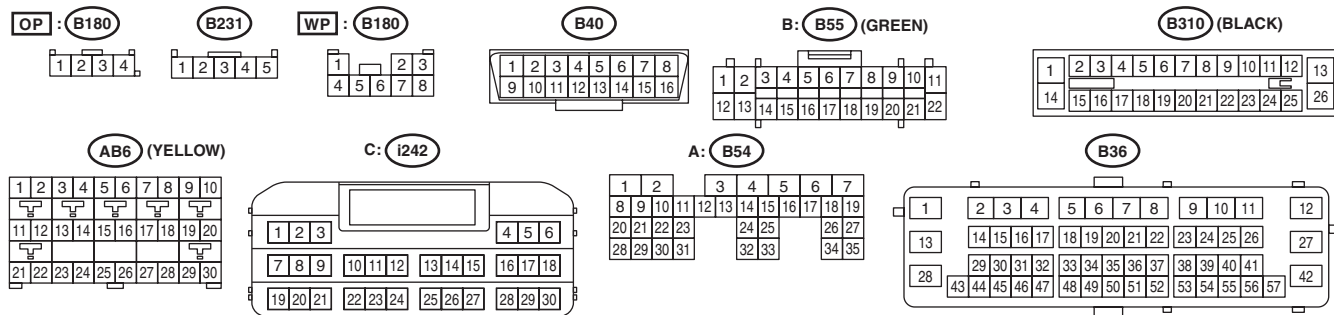
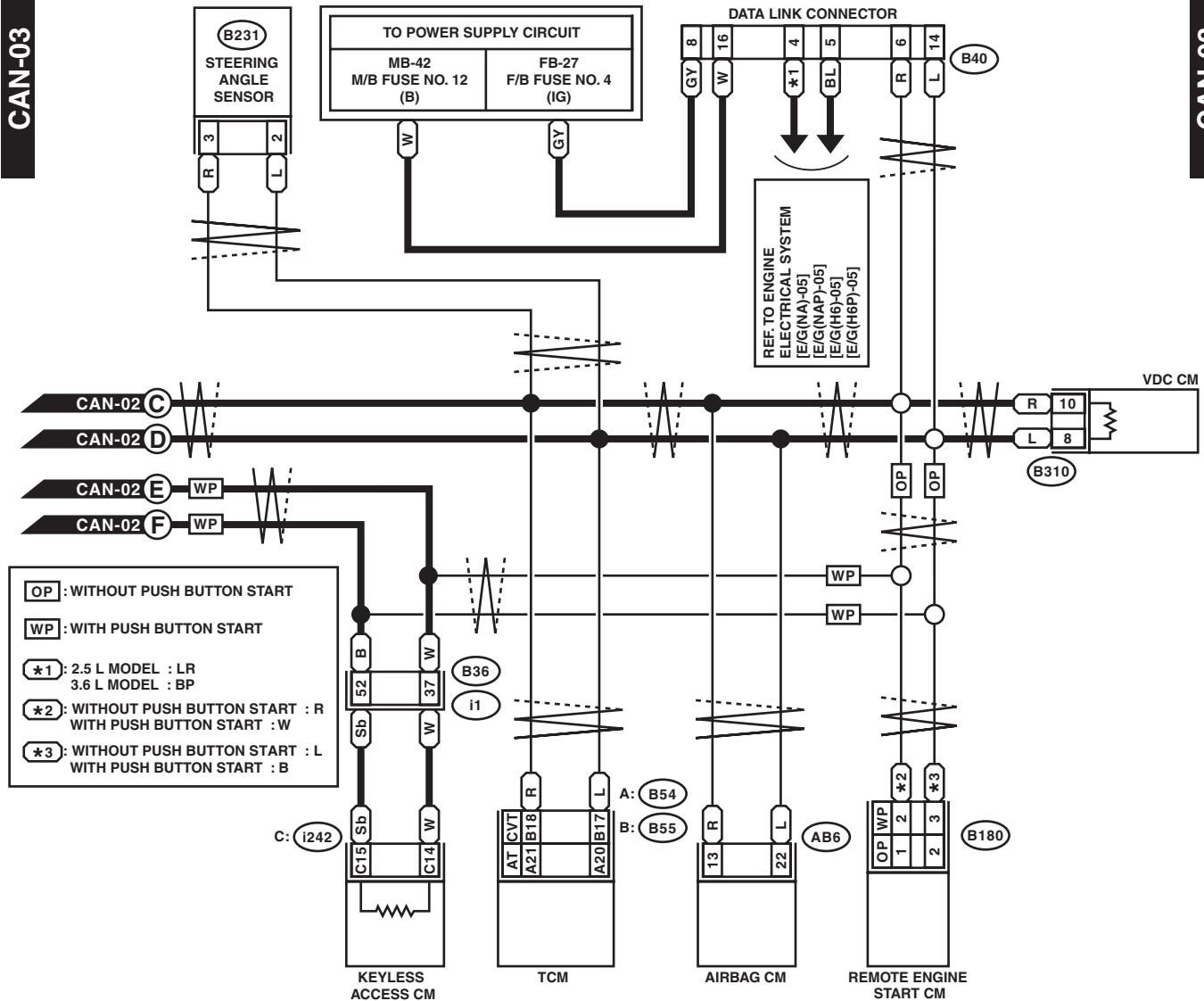
WI-36176

CAN Communication System

WIRING SYSTEM

CAN-03

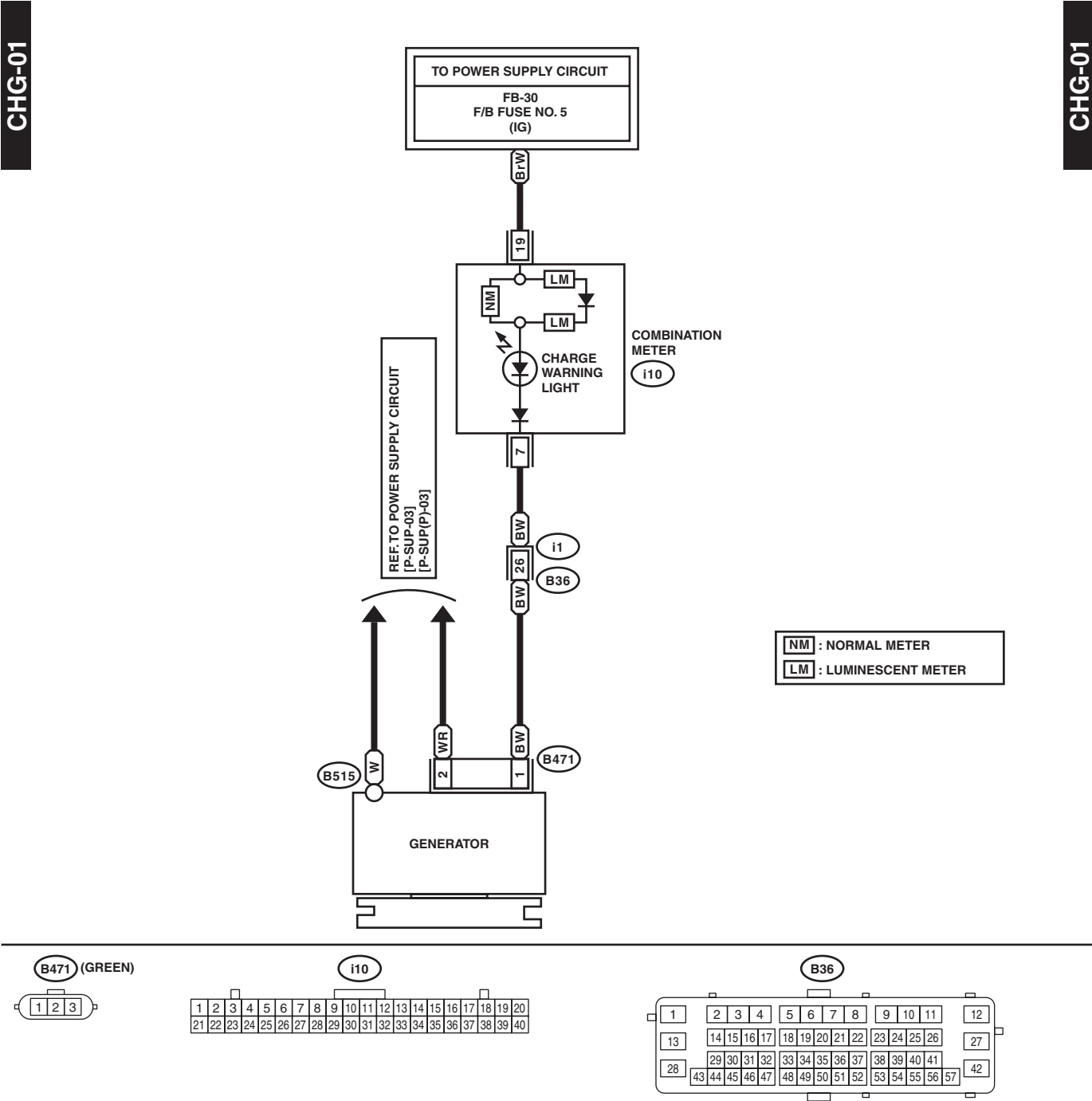
CAN-03



WI-41475

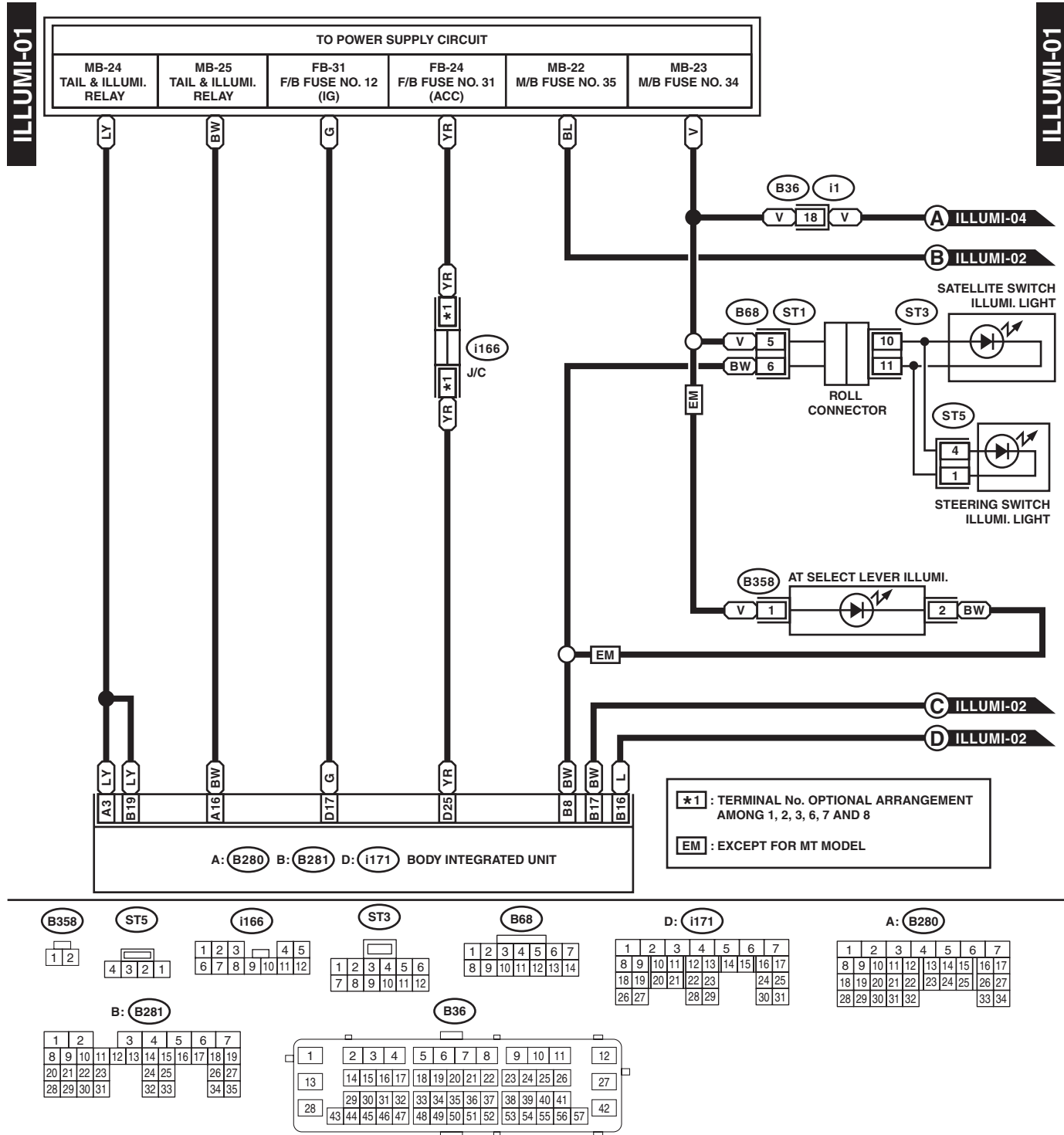
11.Charging System

A: WIRING DIAGRAM



12. Clearance Light and Illumination Light System

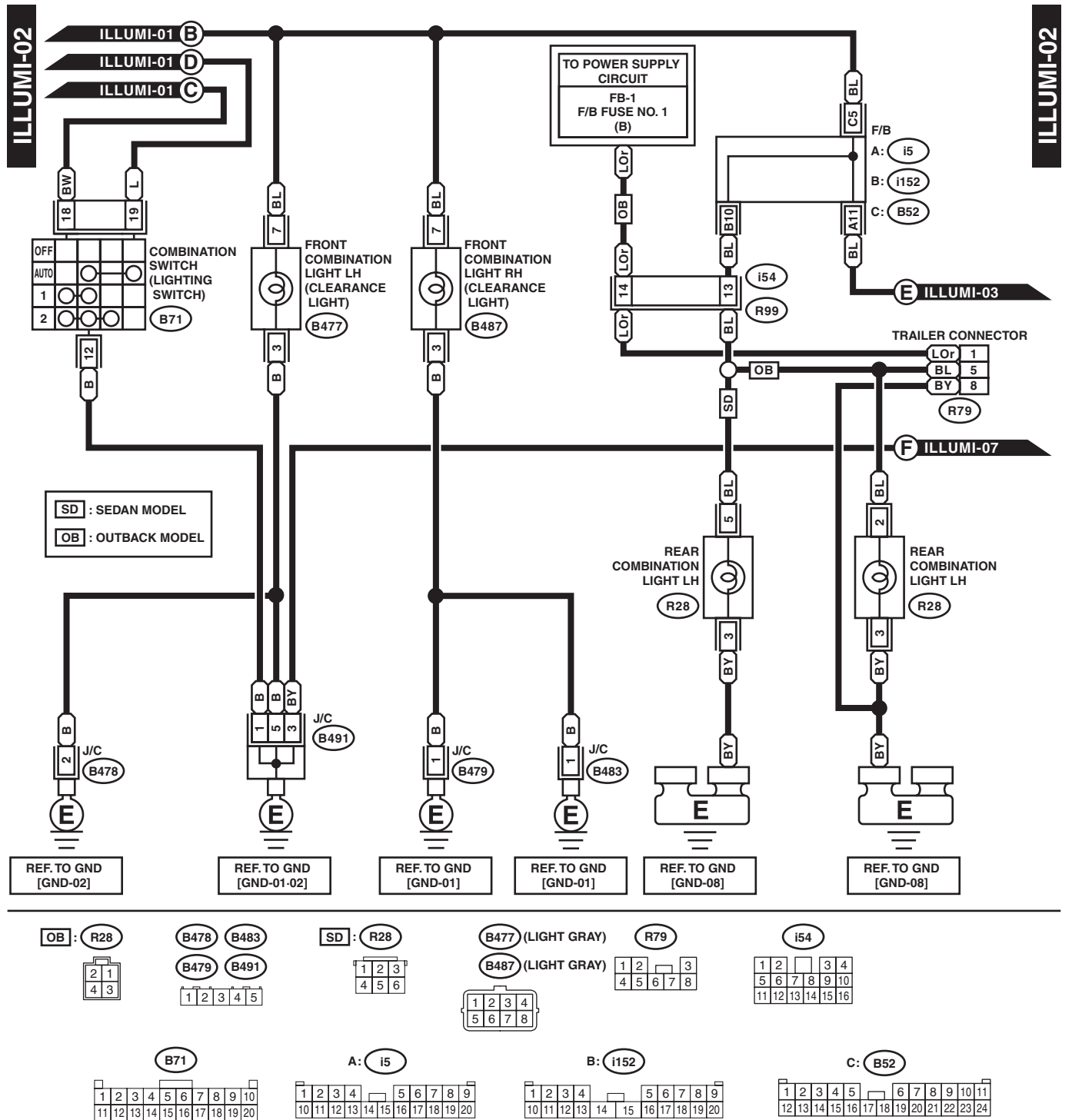
A: WIRING DIAGRAM



WI-36179

Clearance Light and Illumination Light System

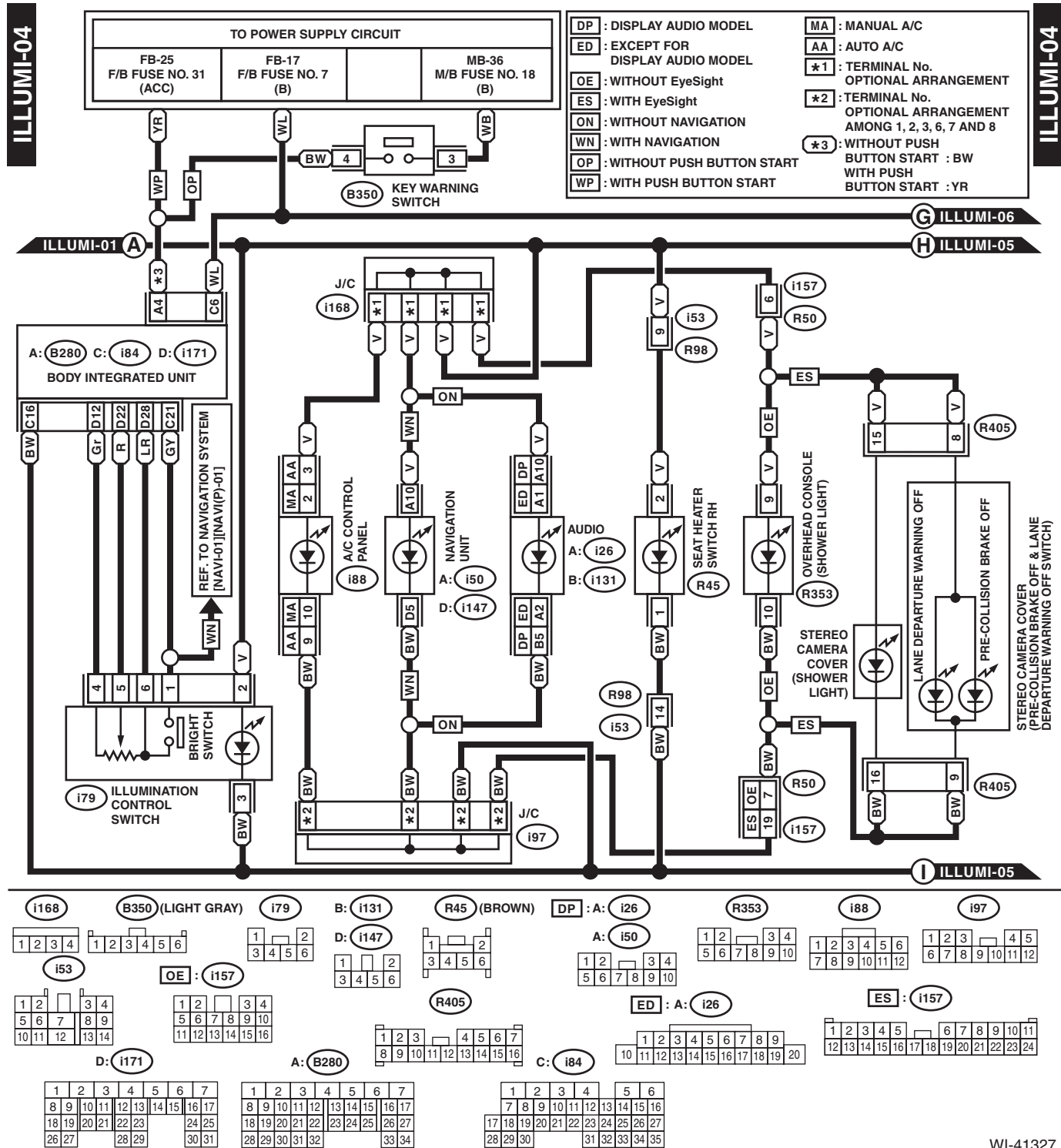
WIRING SYSTEM



WI-36180

Clearance Light and Illumination Light System

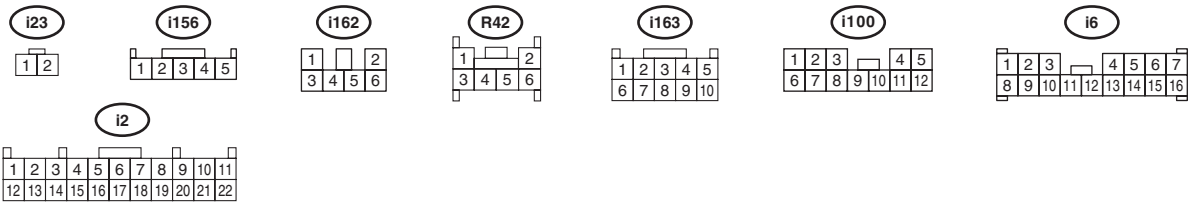
WIRING SYSTEM



WI-41327

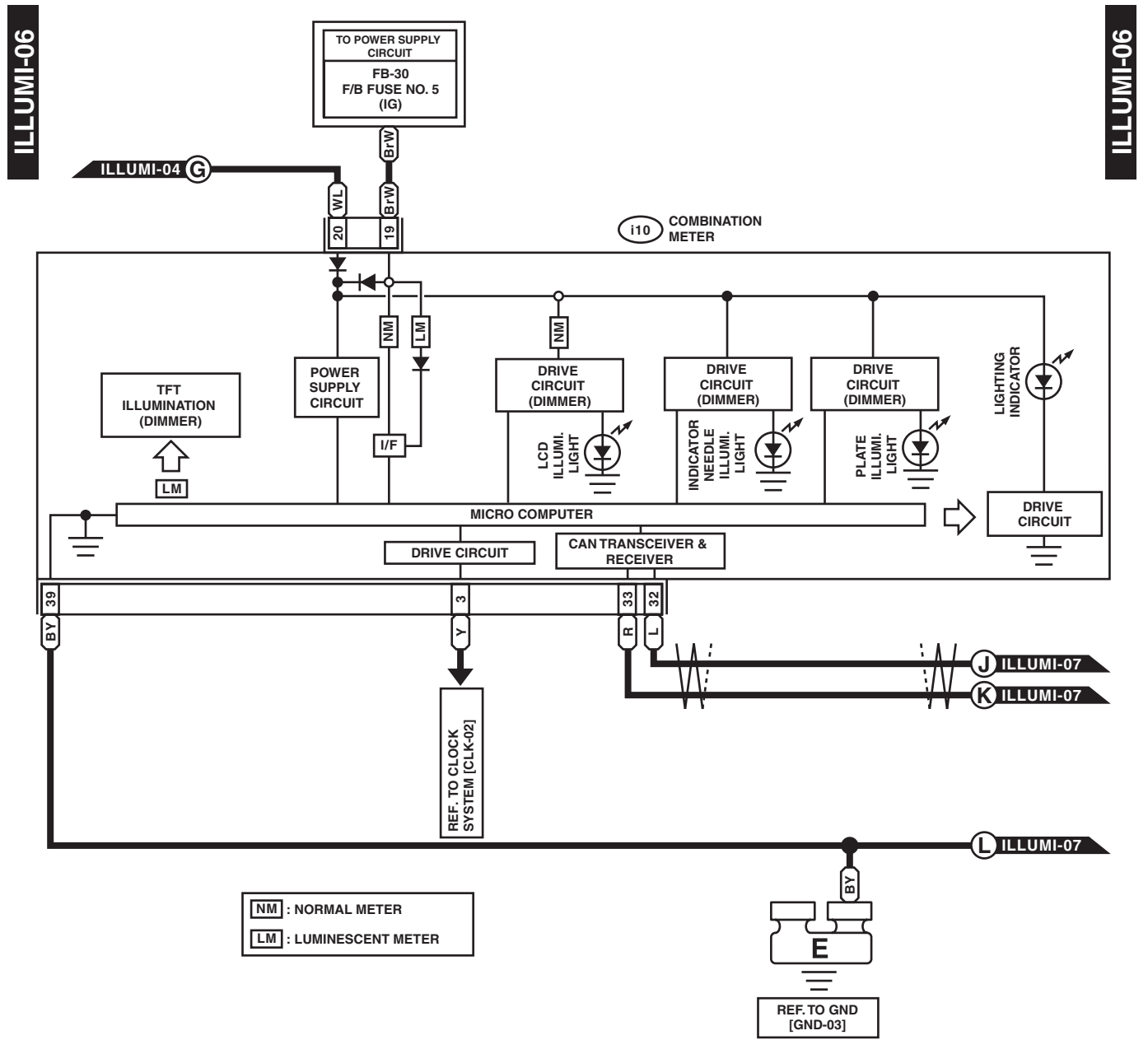
WIRING SYSTEM

ILLUMI-05

**WI-91**

Clearance Light and Illumination Light System

WIRING SYSTEM



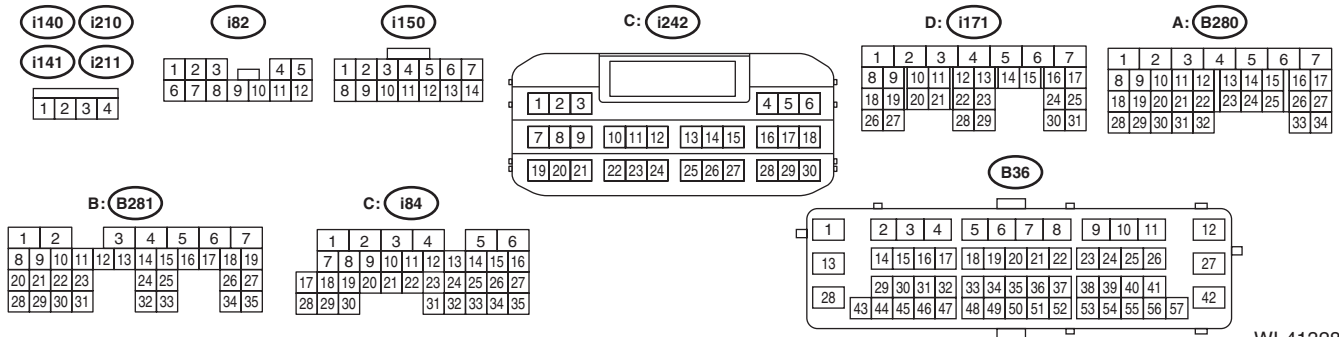
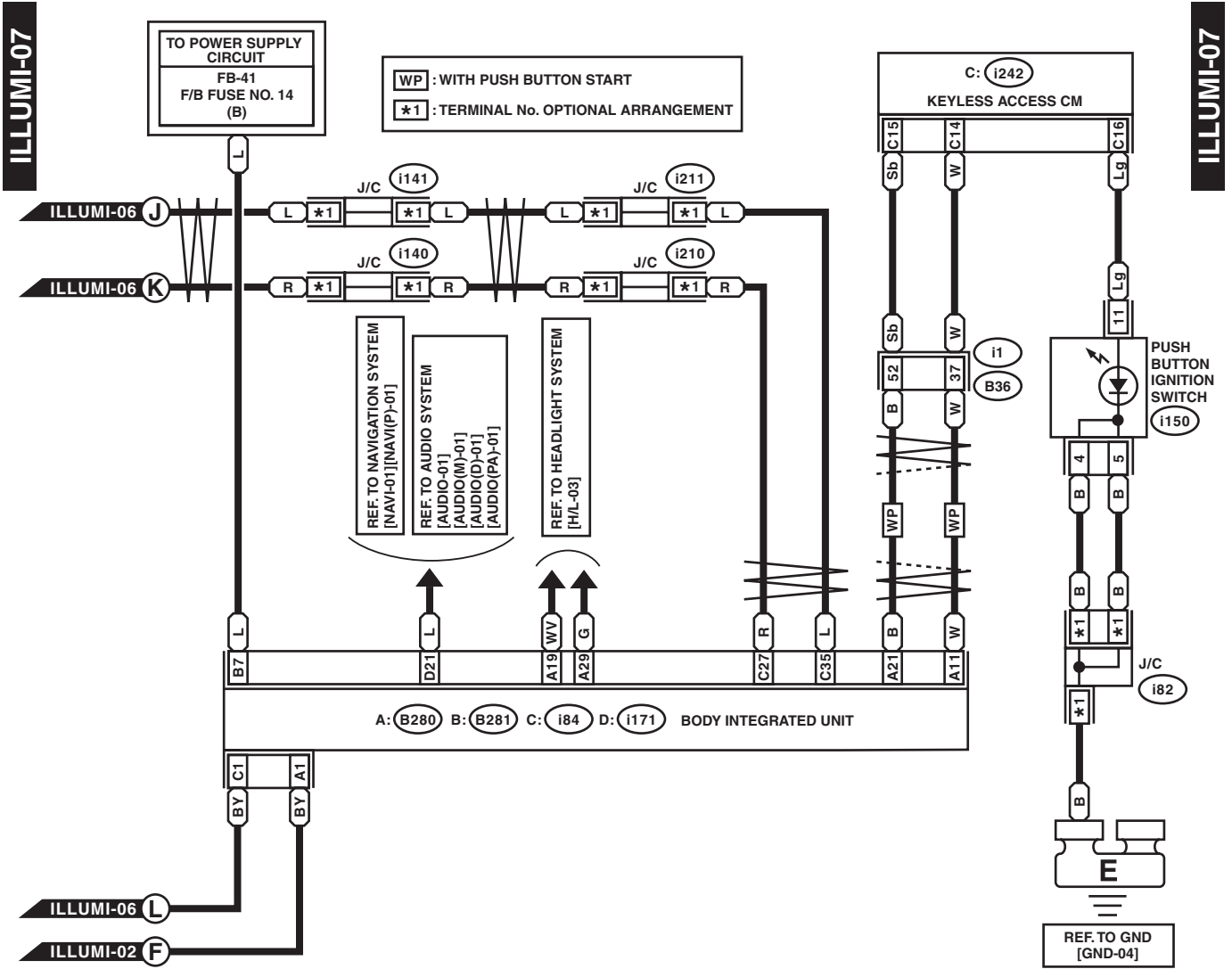
i10

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

WI-41886

Clearance Light and Illumination Light System

WIRING SYSTEM



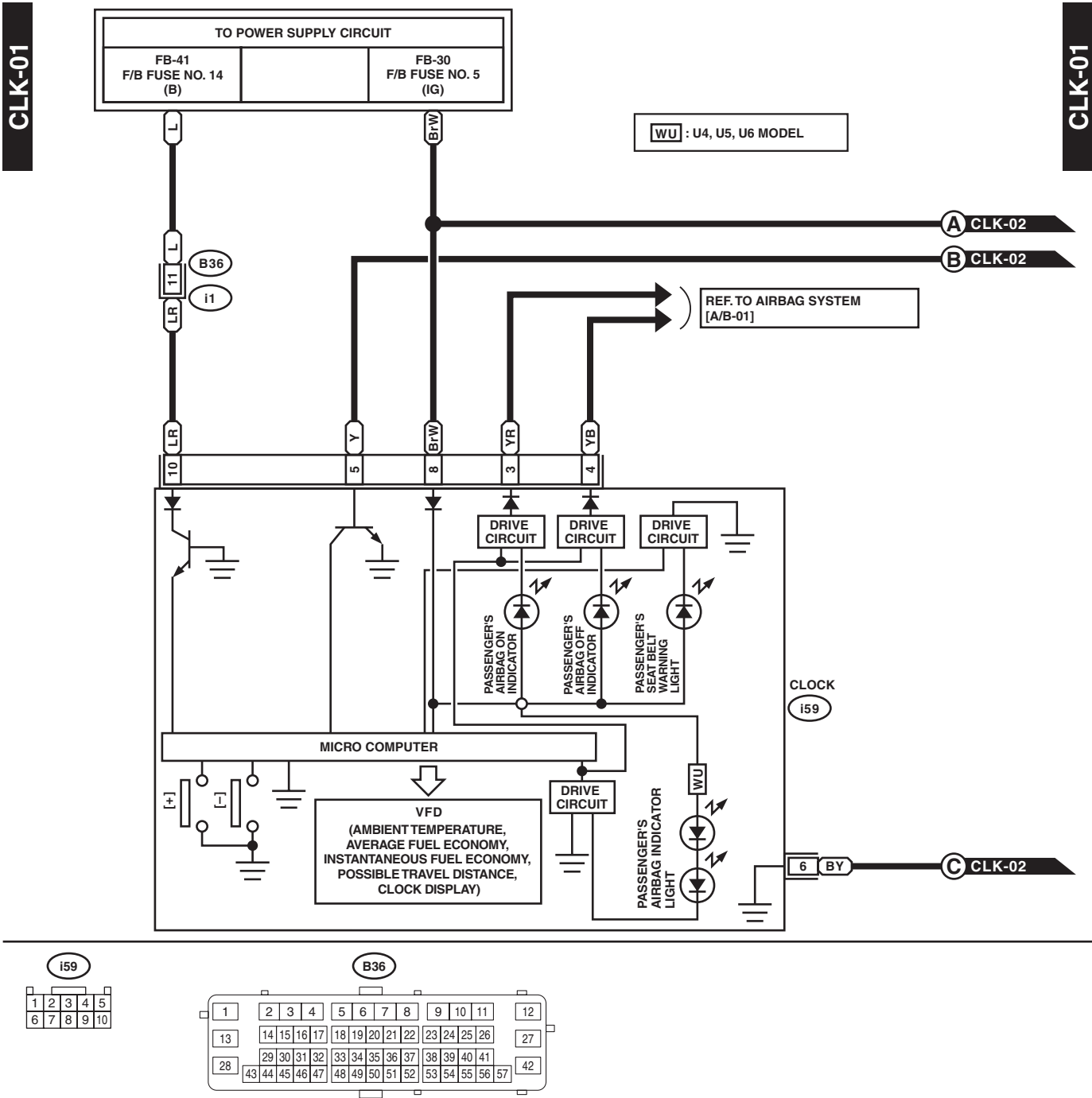
WI-41328

Clock System

WIRING SYSTEM

13.Clock System

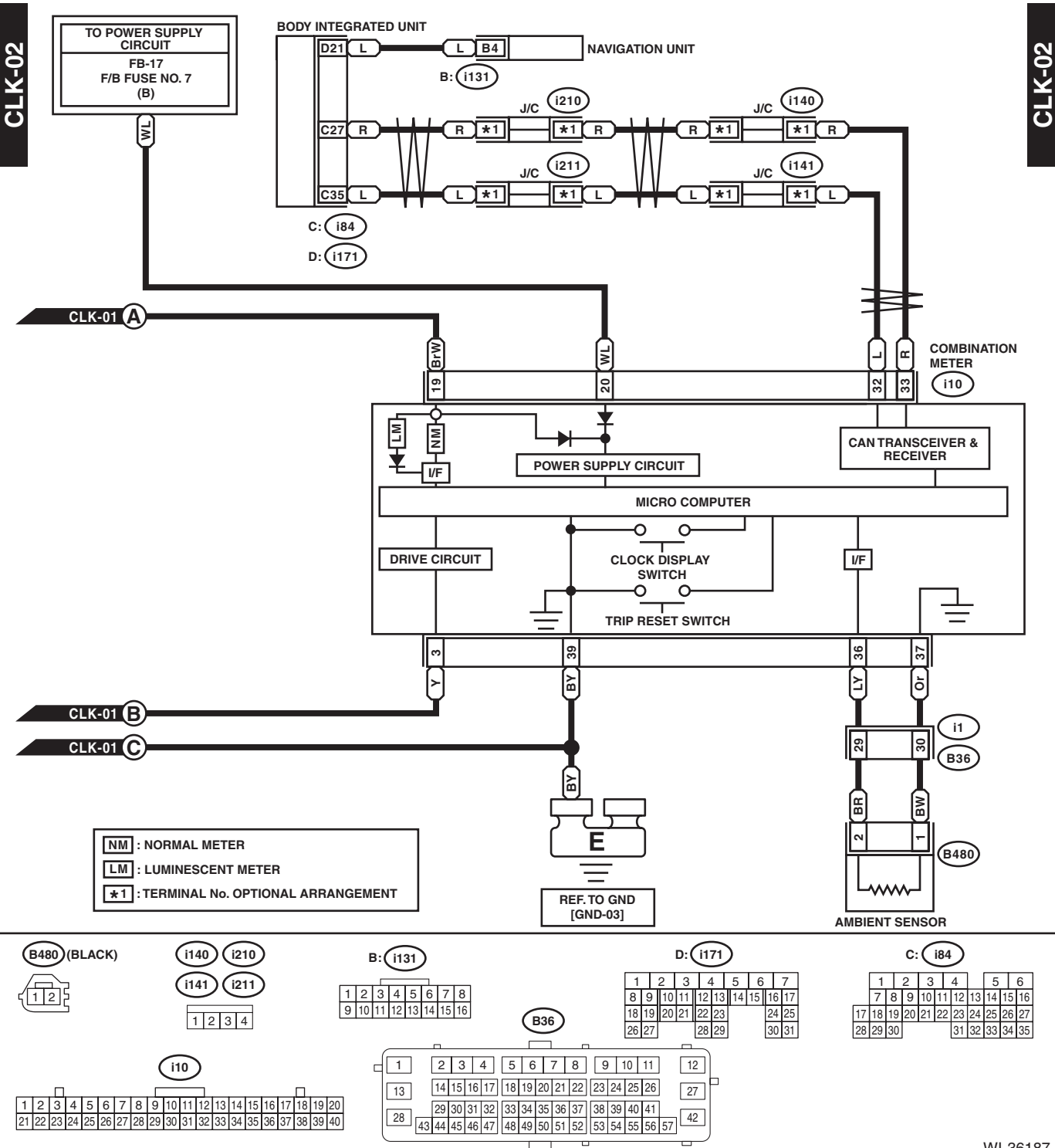
A: WIRING DIAGRAM



WI-36186

Clock System

WIRING SYSTEM



WI-36187

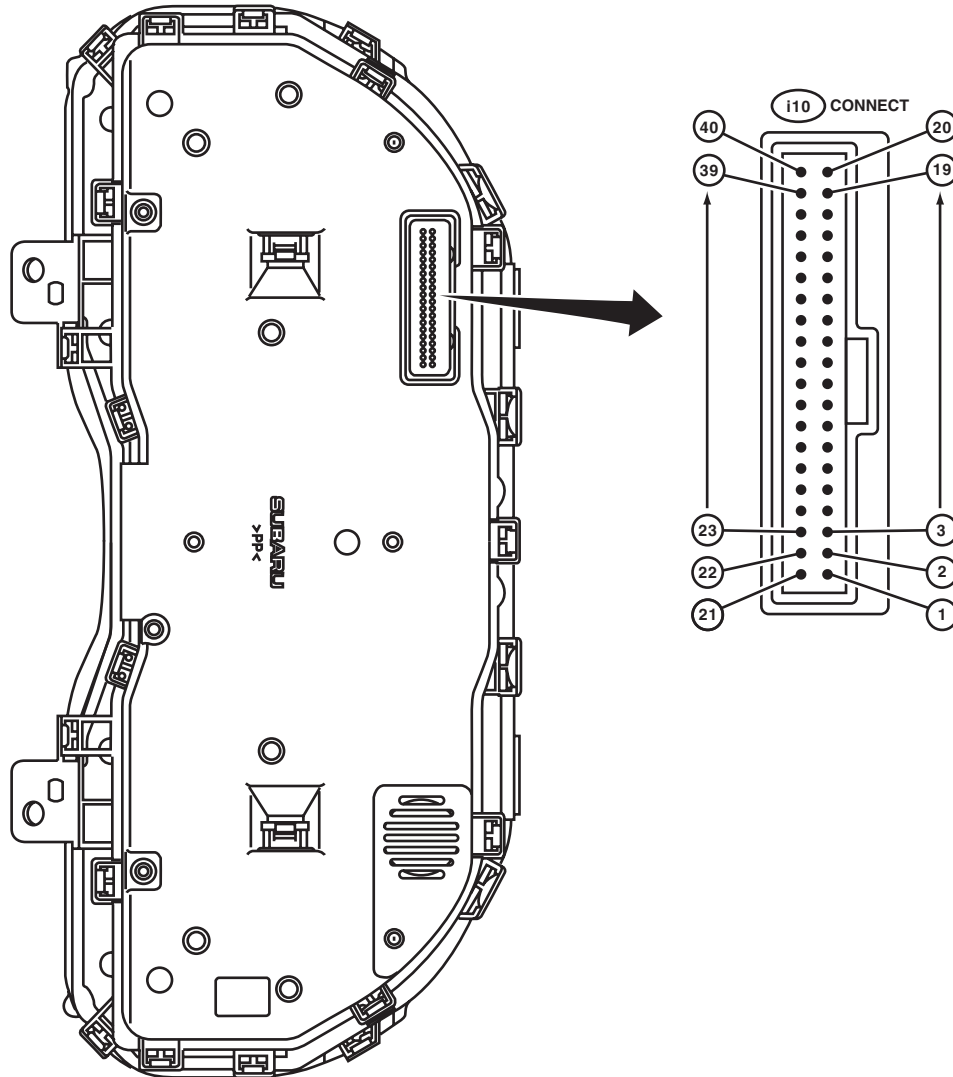
14. Combination Meter System

A: WIRING DIAGRAM

1. MODEL WITH NORMAL METER

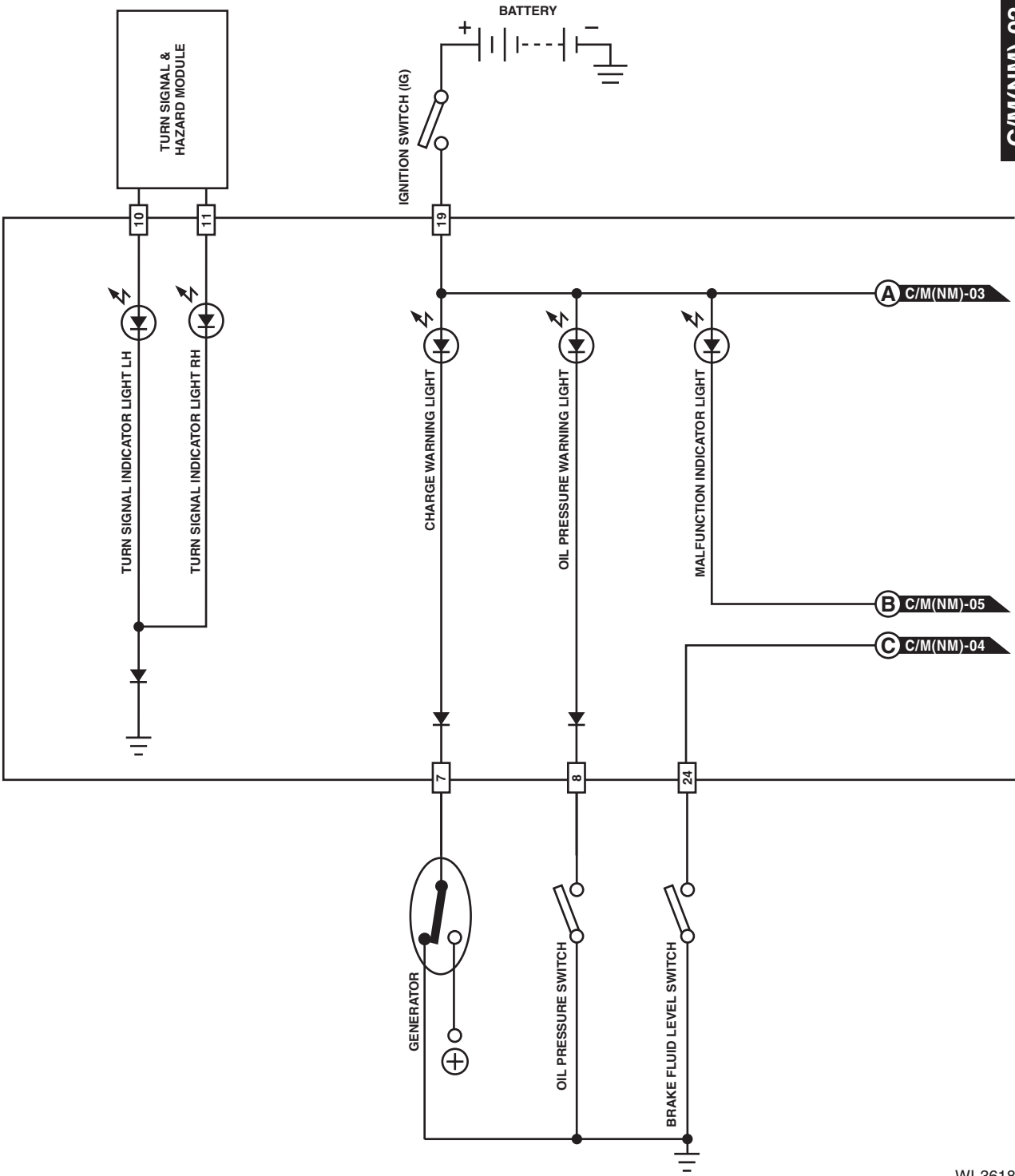
C/M(NM)-01

C/M(NM)-01



C/M(NM)-02

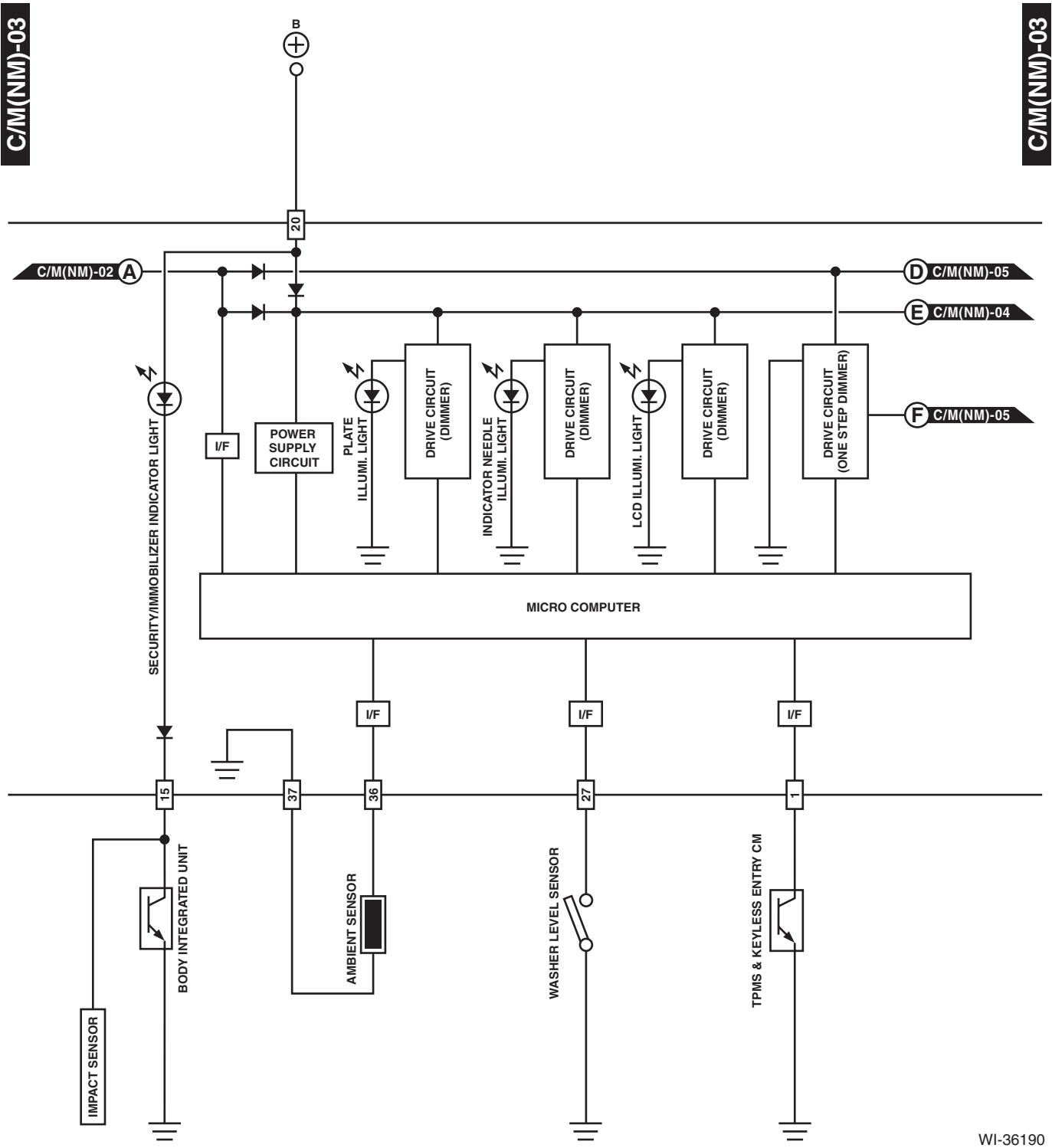
C/M(NM)-02



WI-36189

Combination Meter System

WIRING SYSTEM



WI-36190

Combination Meter System

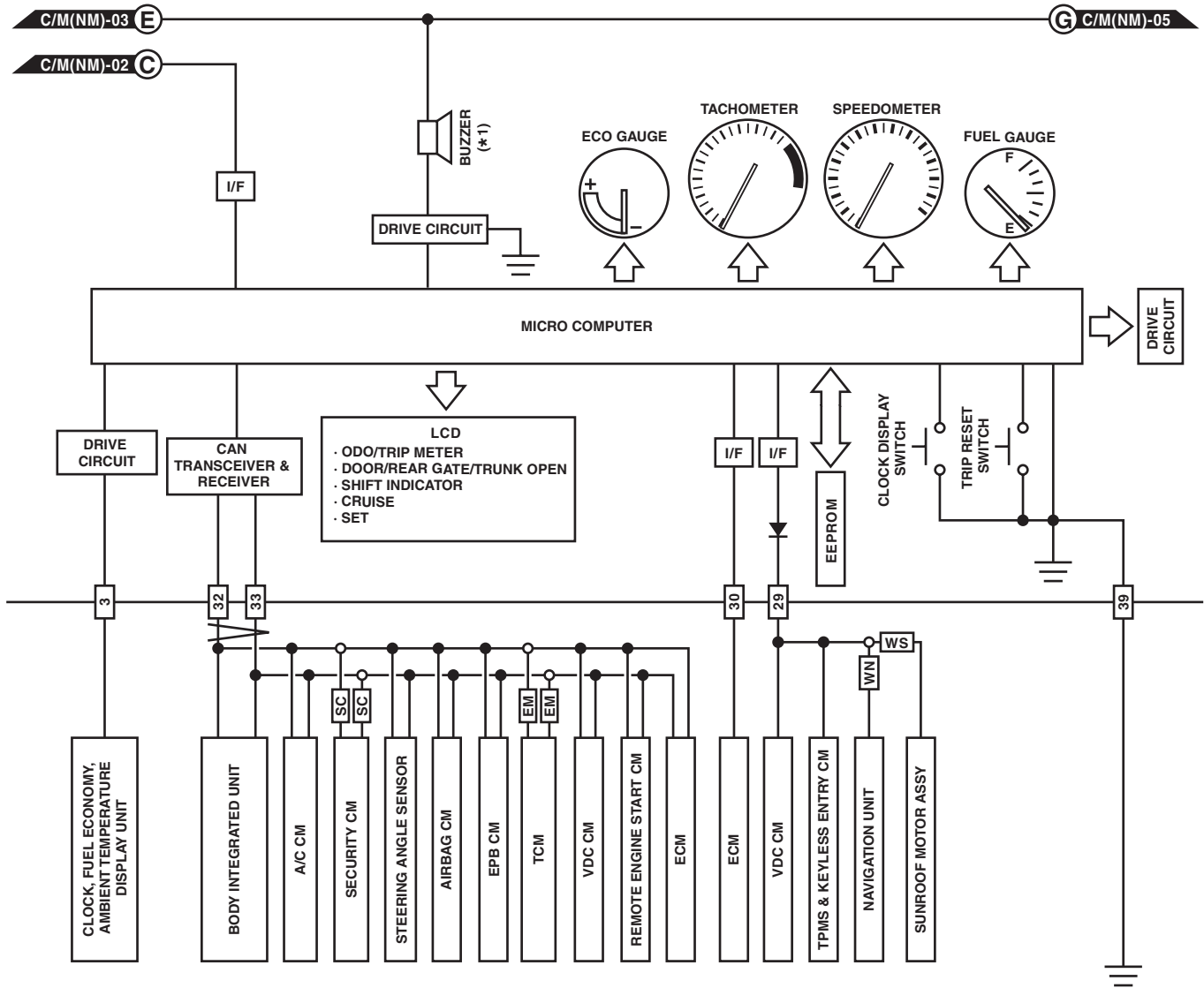
WIRING SYSTEM

C/M(NM)-04

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

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

C/M(NM)-04



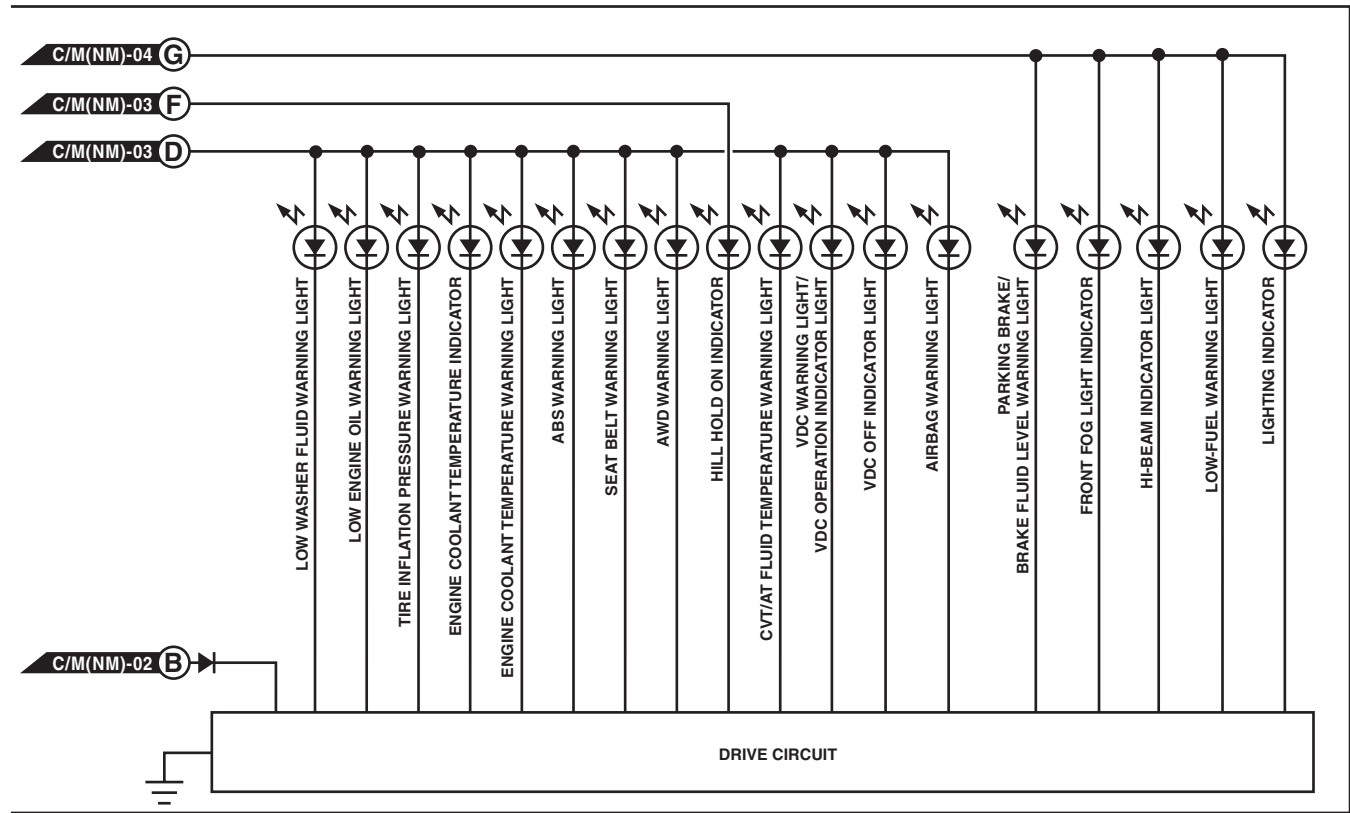
WI-41329

Combination Meter System

WIRING SYSTEM

C/M(NM)-05

C/M(NM)-05

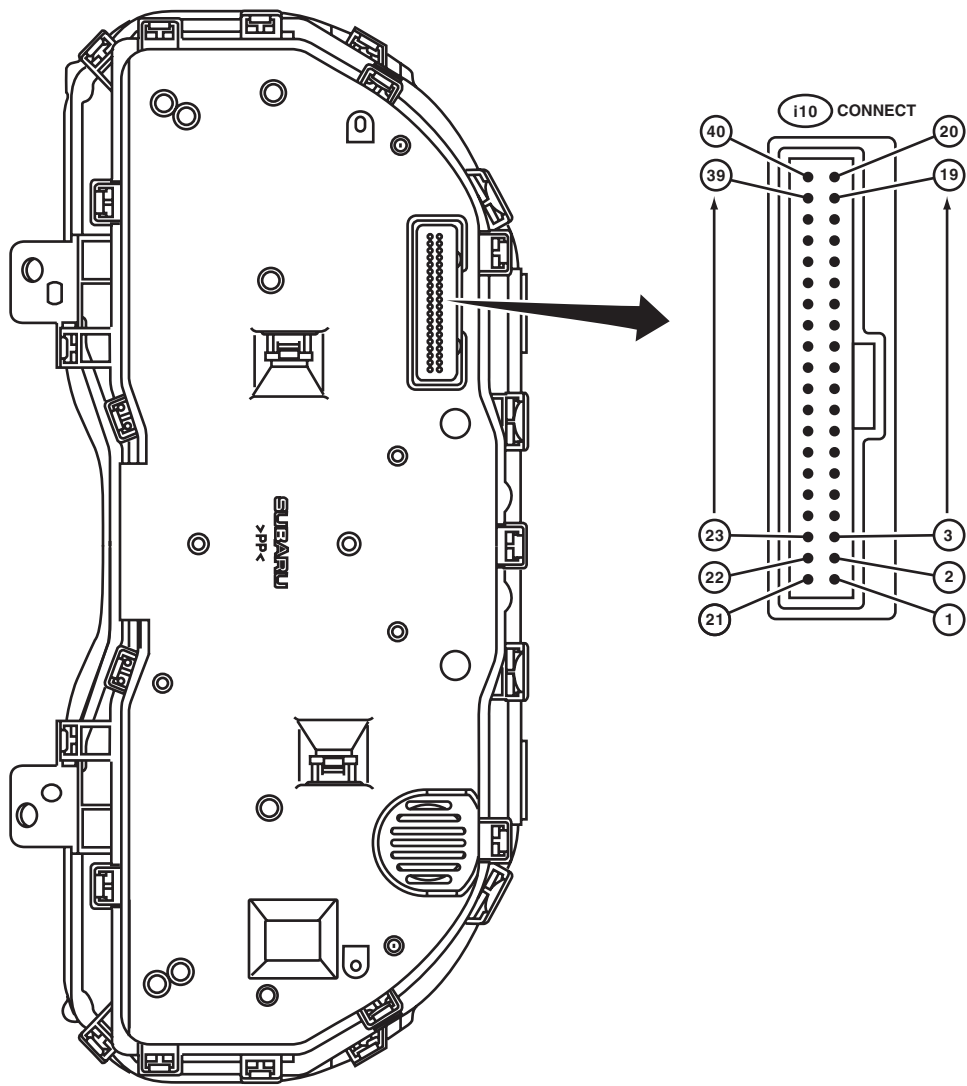


WI-36192

2. MODEL WITH LUMINESCENT METER

C/M(LM)-01

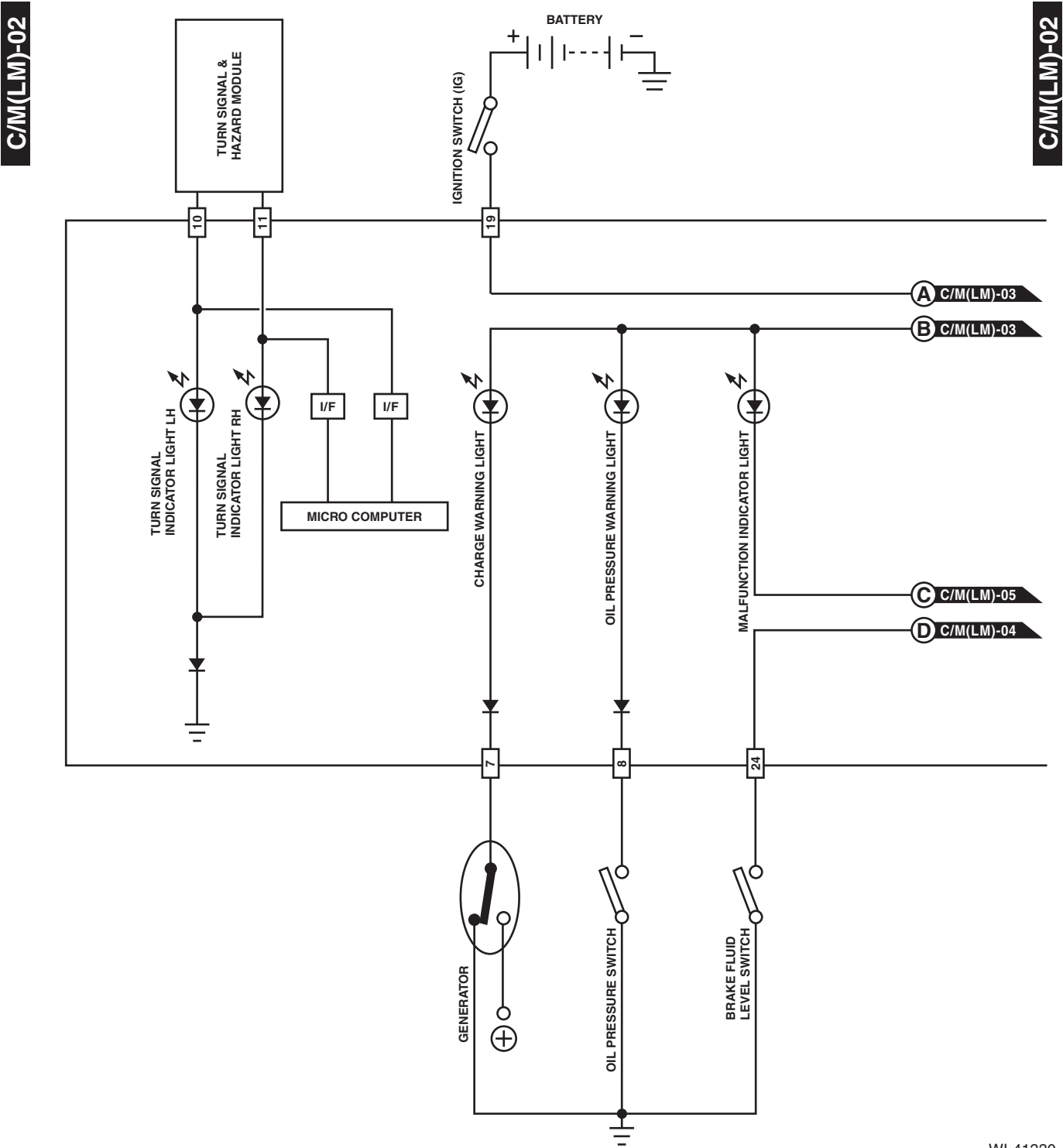
C/M(LM)-01



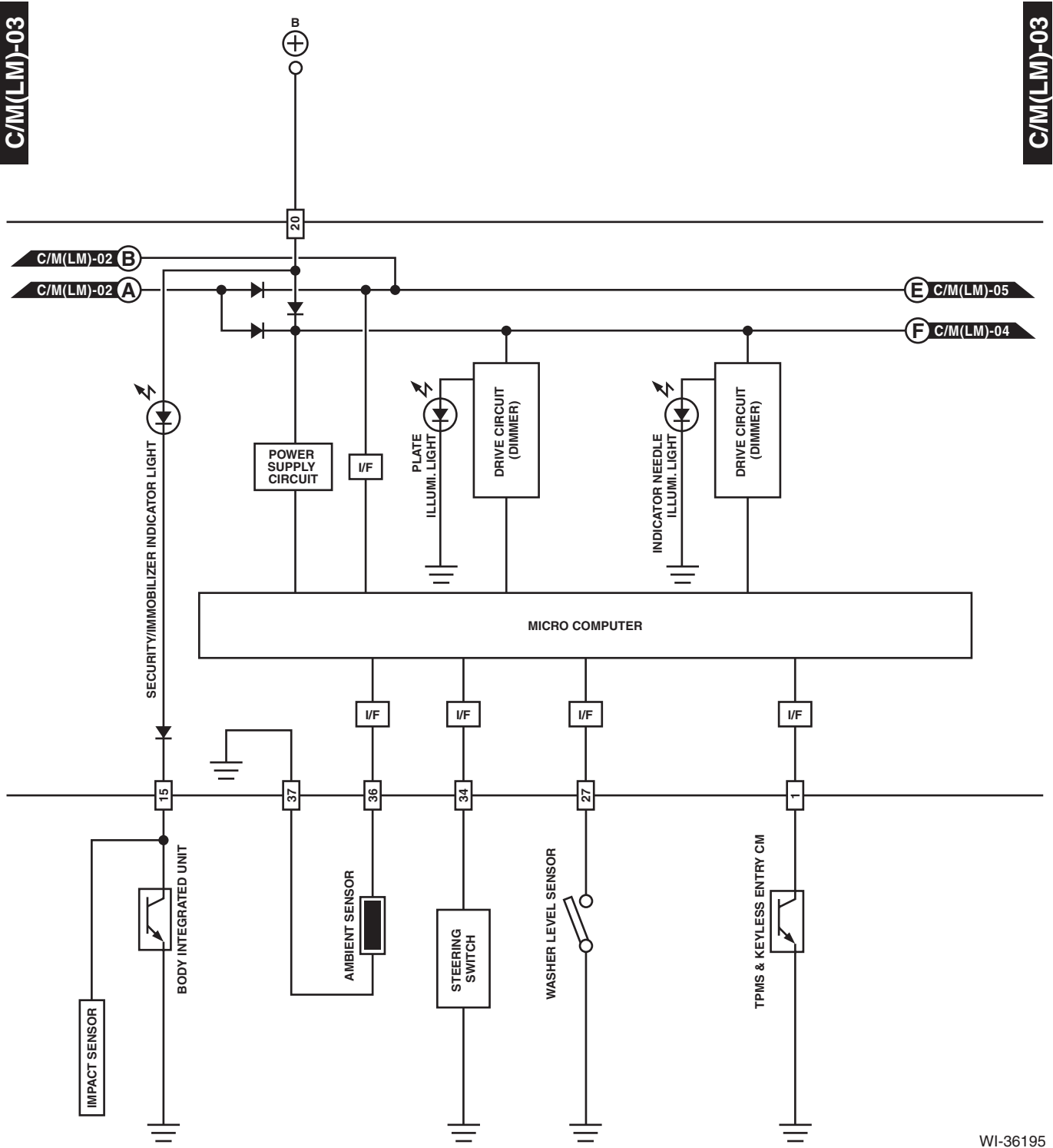
WI-36193

Combination Meter System

WIRING SYSTEM



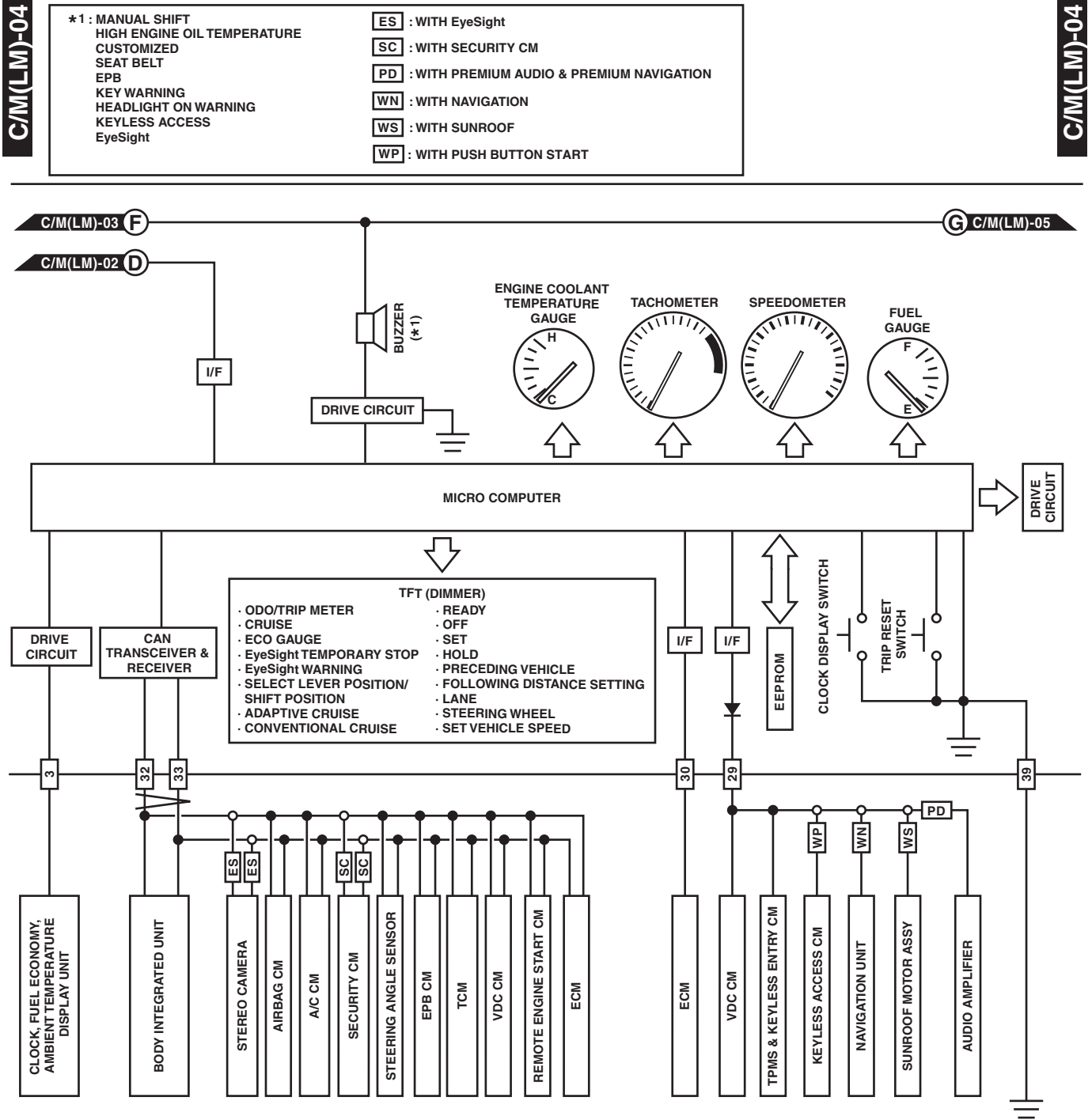
WI-41330



WI-36195

Combination Meter System

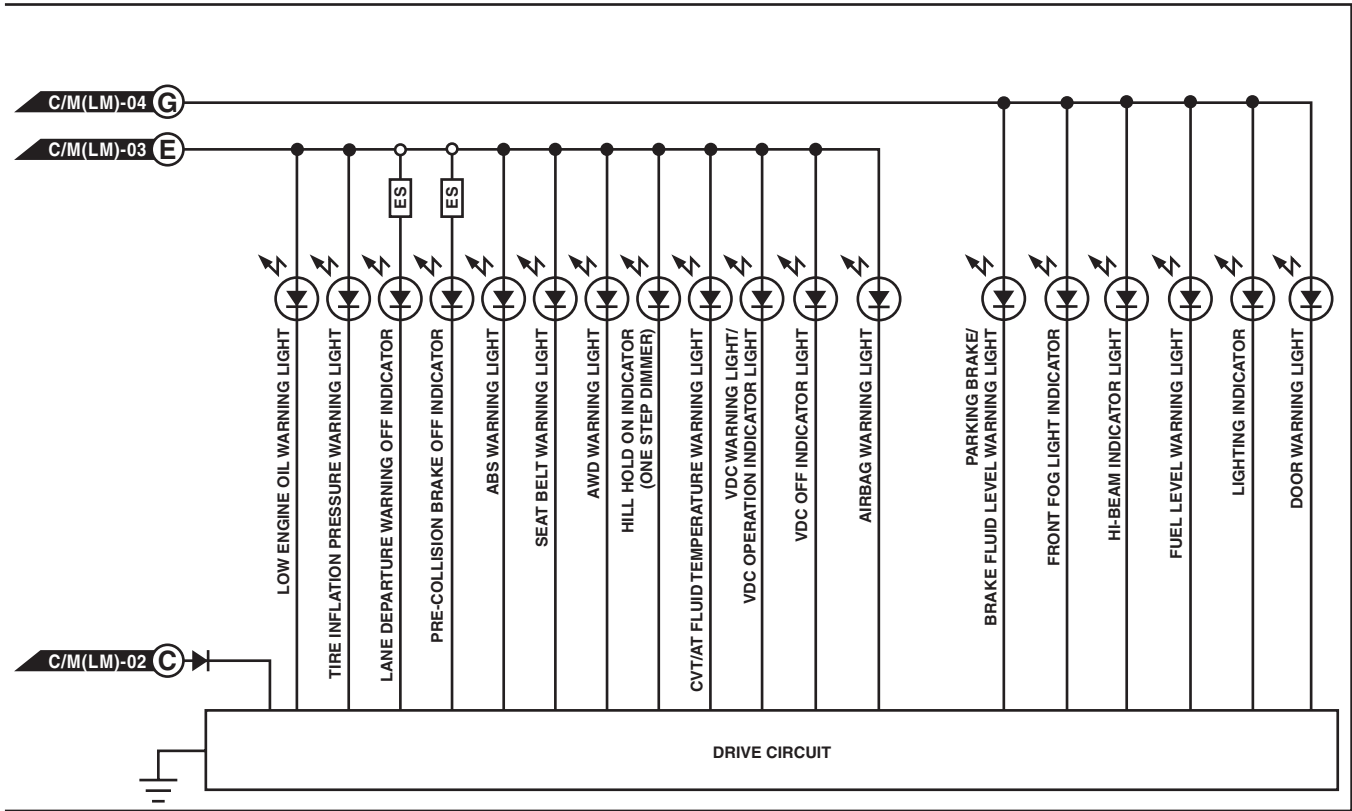
WIRING SYSTEM



C/M(LM)-05

C/M(LM)-05

ES : WITH EyeSight



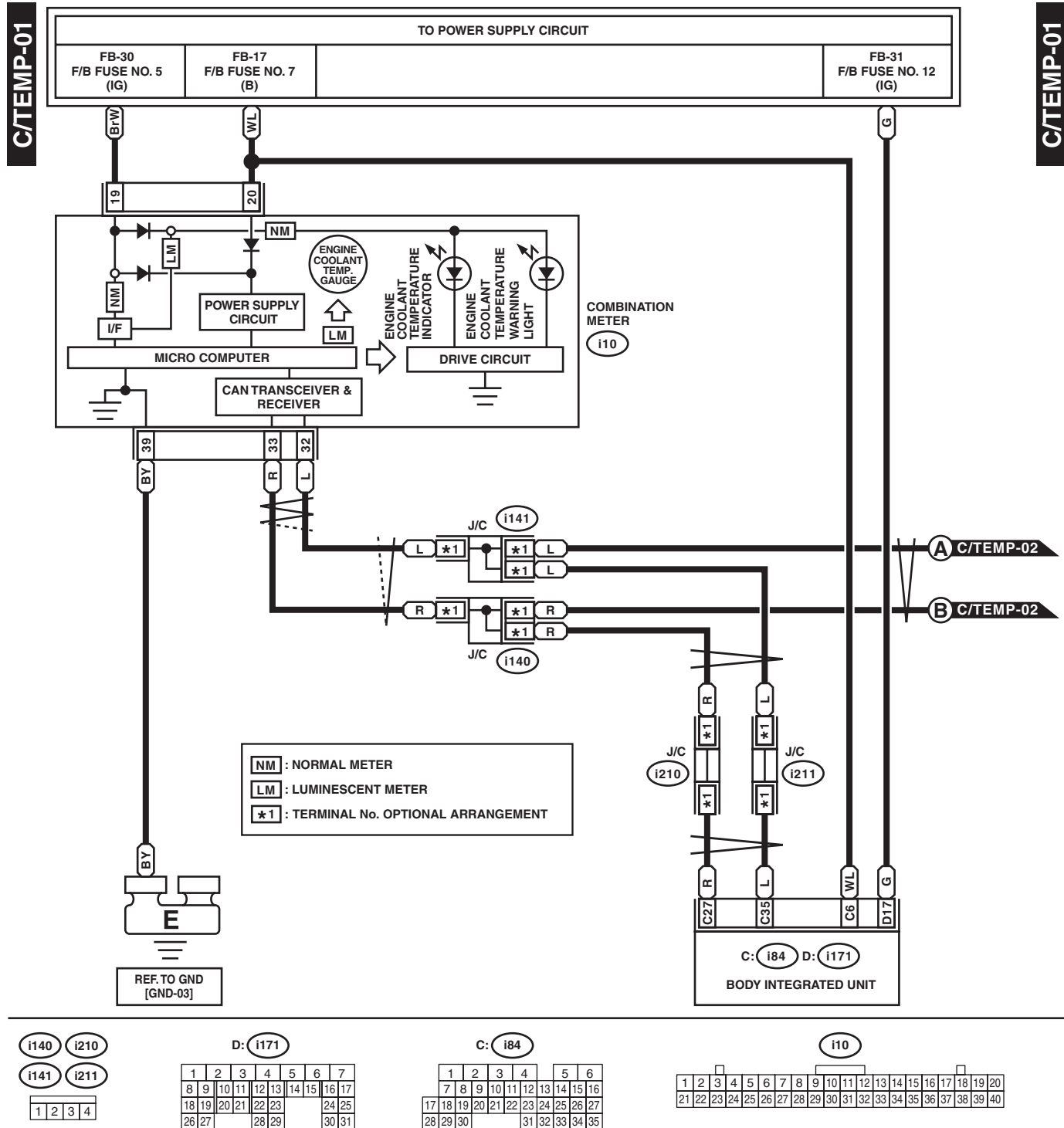
WI-41332

Coolant Temperature System

WIRING SYSTEM

15.Coolant Temperature System

A: WIRING DIAGRAM



WI-36198

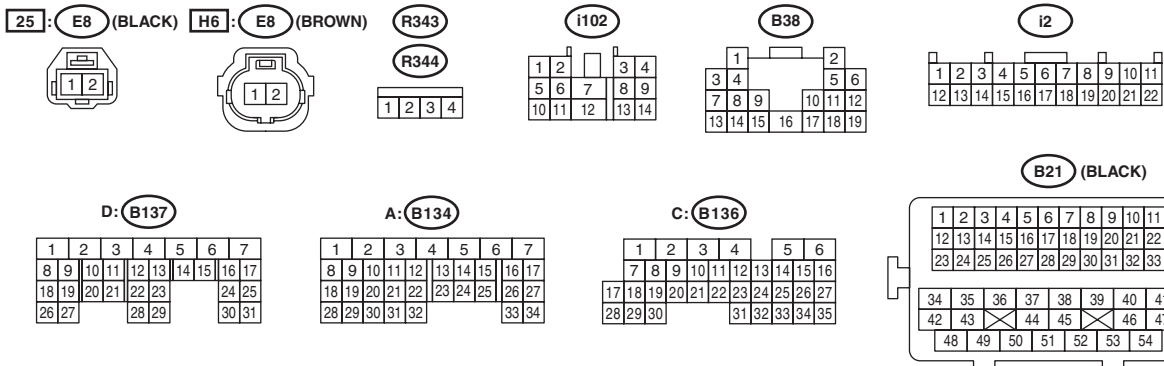
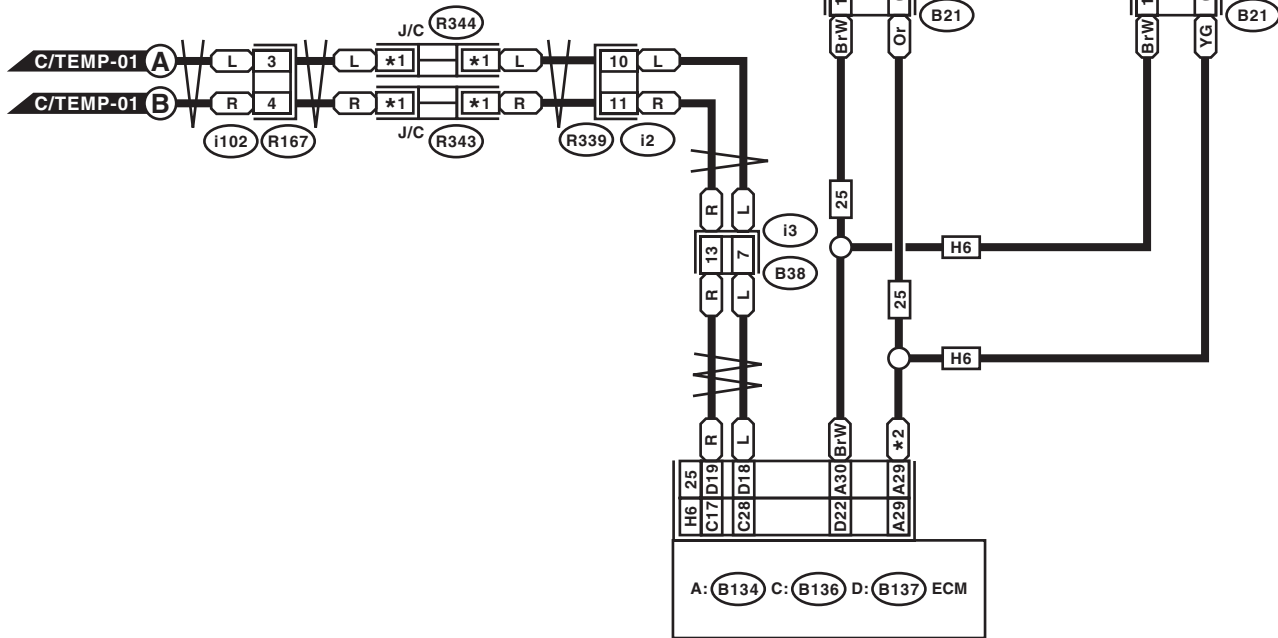
Coolant Temperature System

WIRING SYSTEM

C/TEMP-02

C/TEMP-02

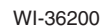
25	: 2.5 L MODEL
H6	: 3.6 L MODEL
*1	: TERMINAL No. OPTIONAL ARRANGEMENT
*2	: 2.5 L MODEL : Or 3.6 L MODEL : YG



WI-41333

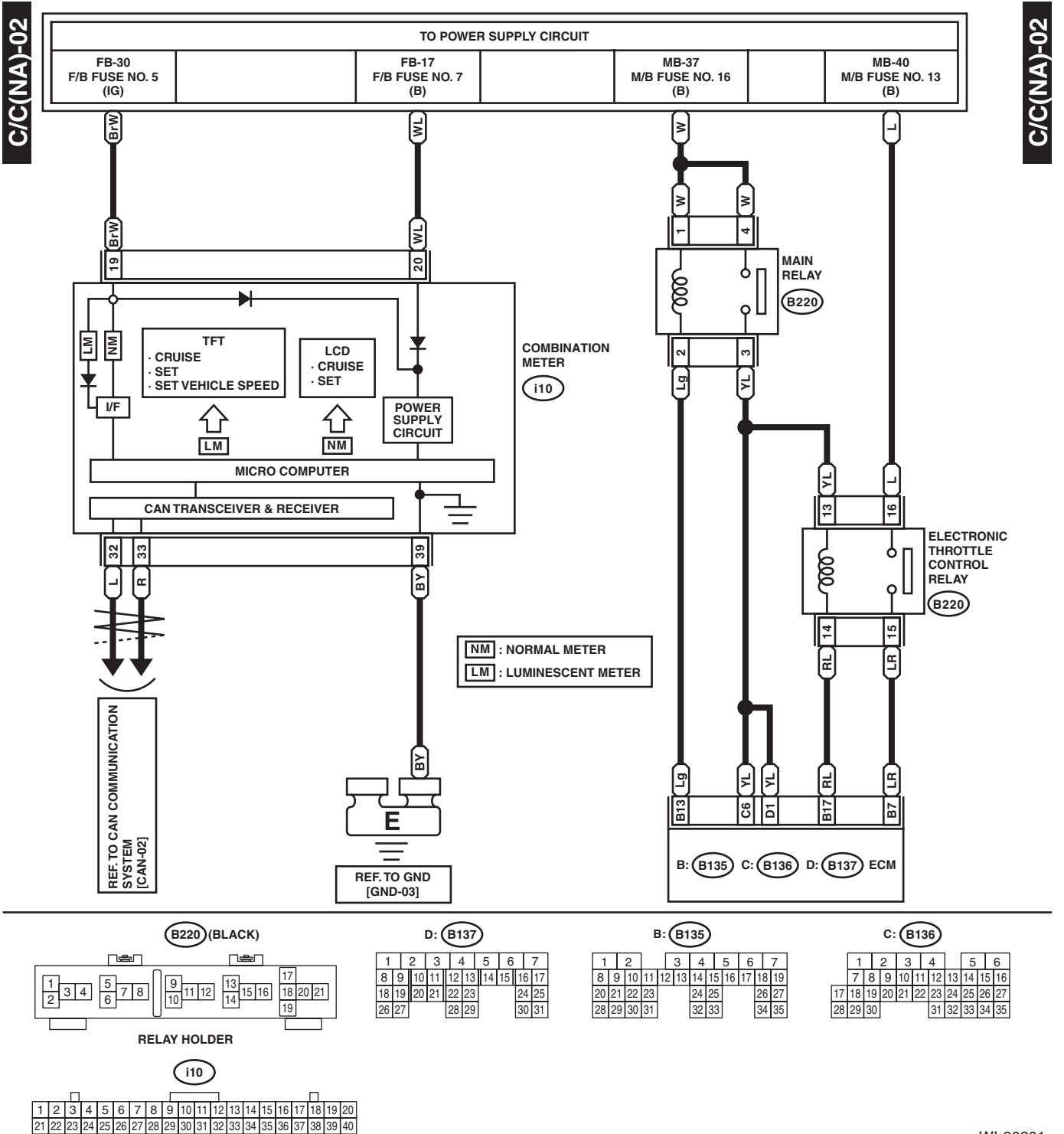
A: WIRING DIAGRAM

1. 2.5 L MODEL



Cruise Control System

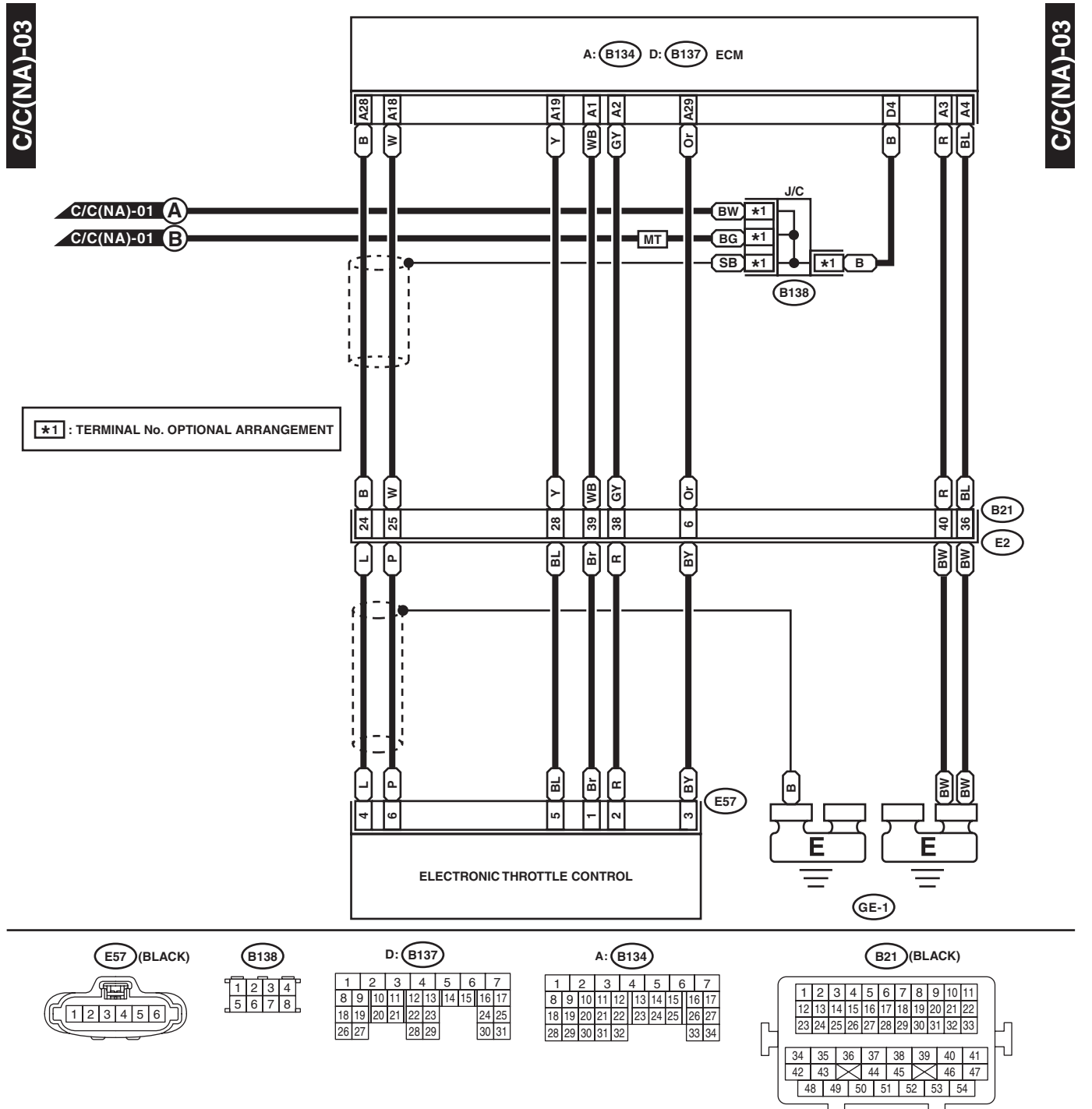
WIRING SYSTEM



WI-36201

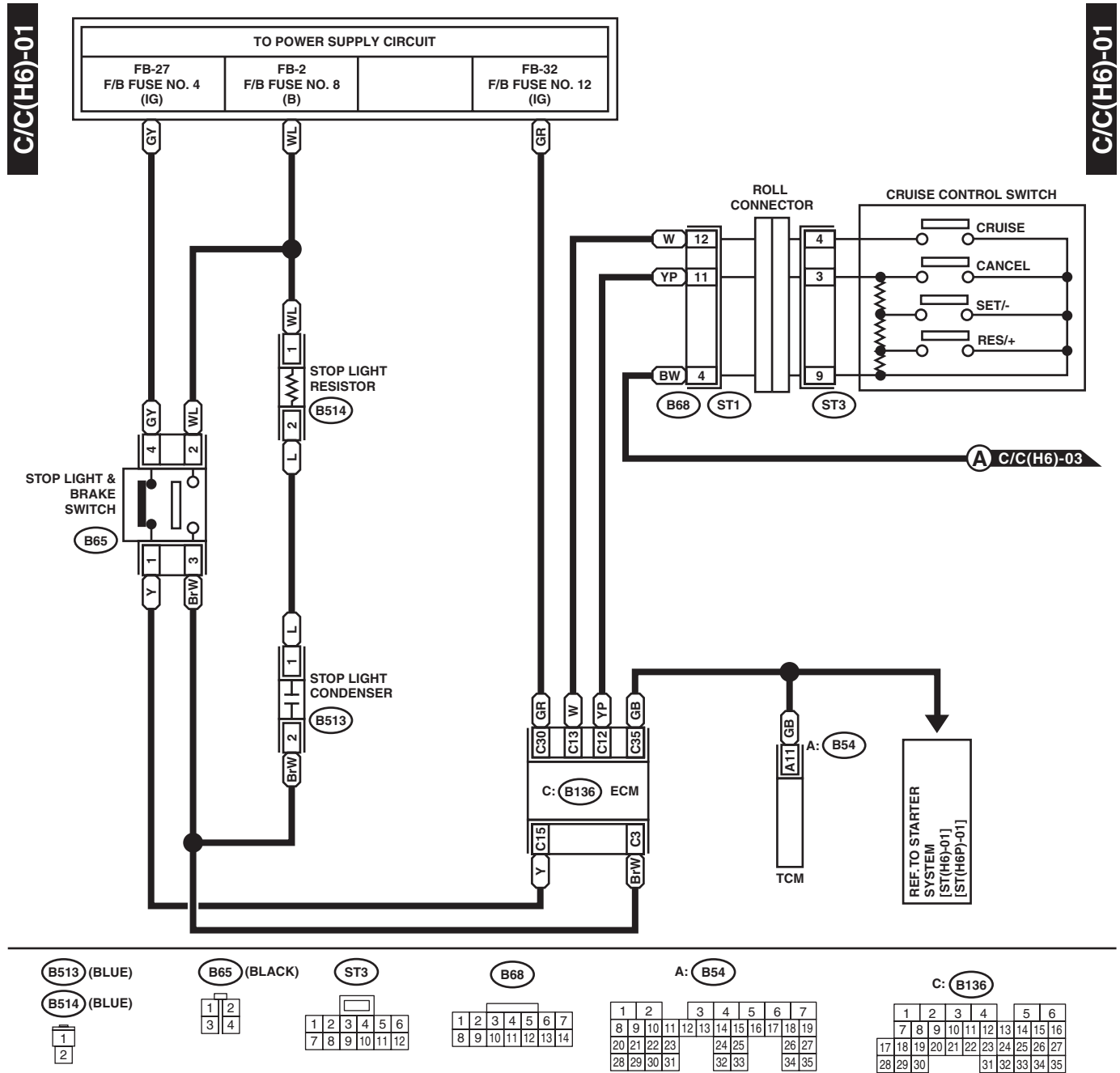
Cruise Control System

WIRING SYSTEM



WI-41334

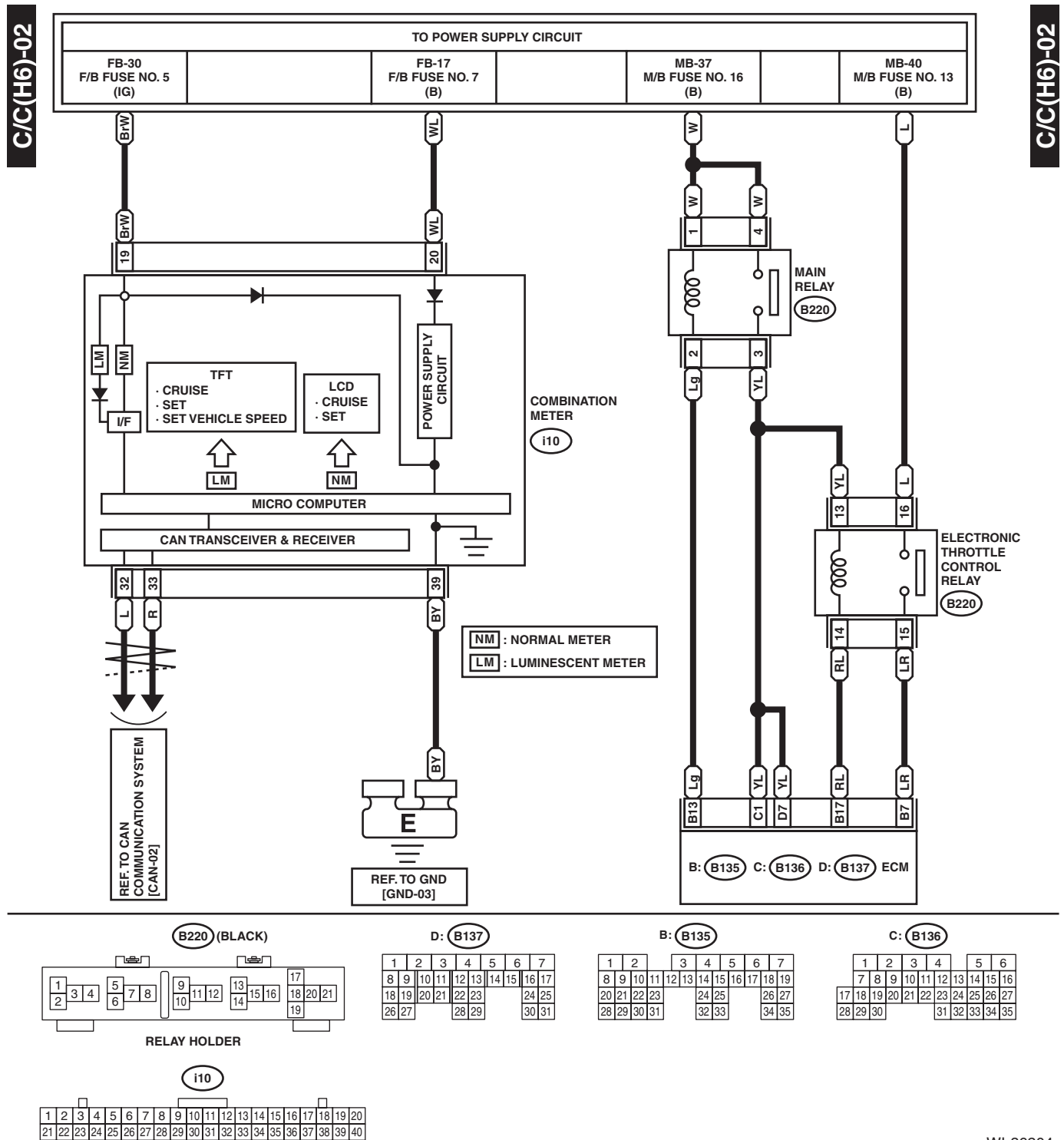
2. 3.6 L MODEL



WI-36203

Cruise Control System

WIRING SYSTEM

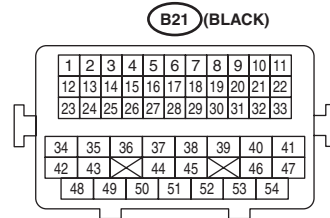
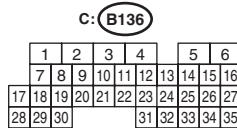
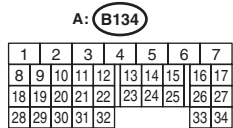
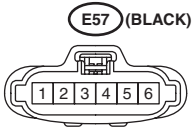
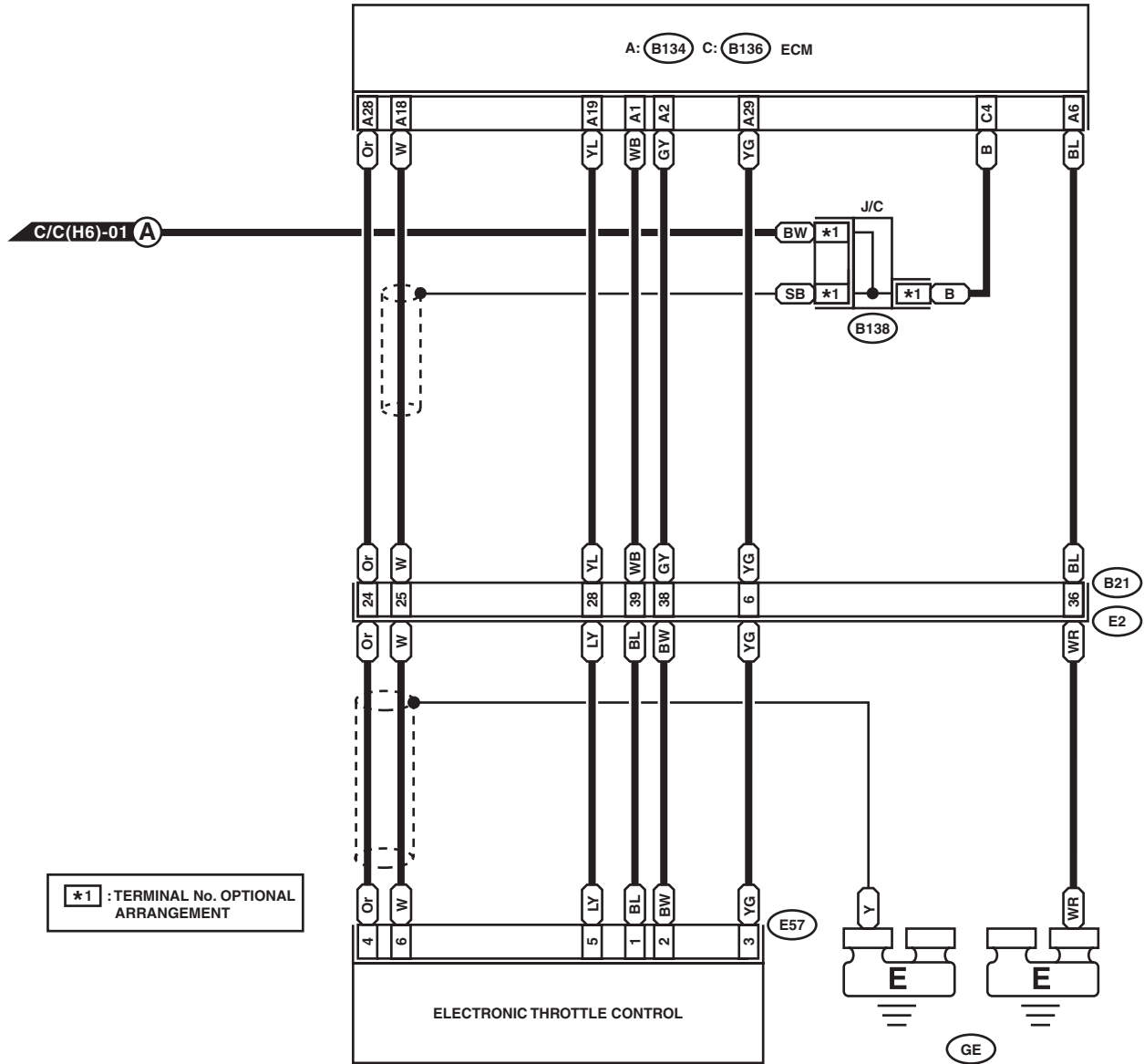


Cruise Control System

WIRING SYSTEM

C/C(H6)-03

C/C(H6)-03



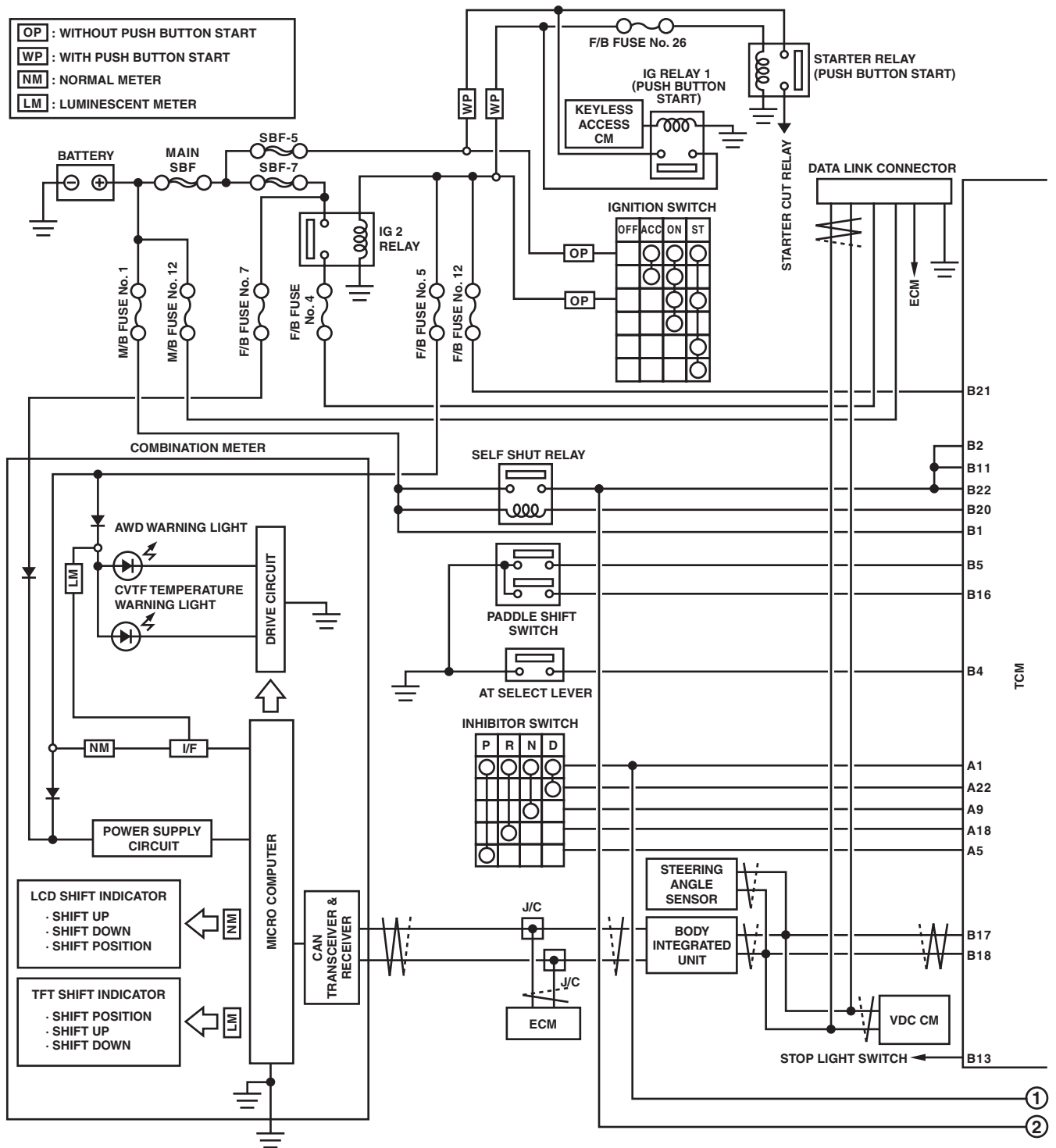
WI-41335

CVT Control System

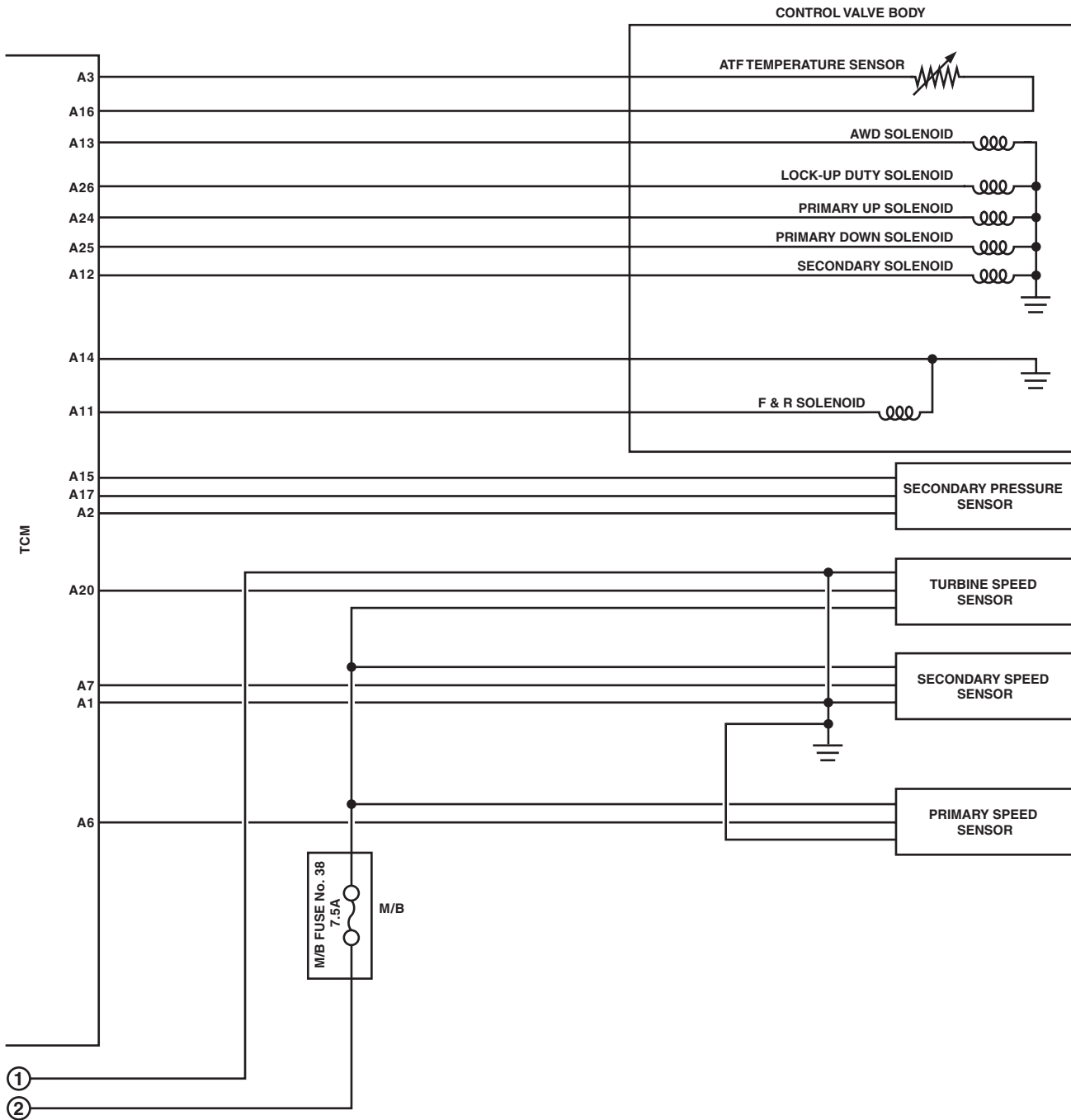
WIRING SYSTEM

17.CVT Control System

A: WIRING DIAGRAM



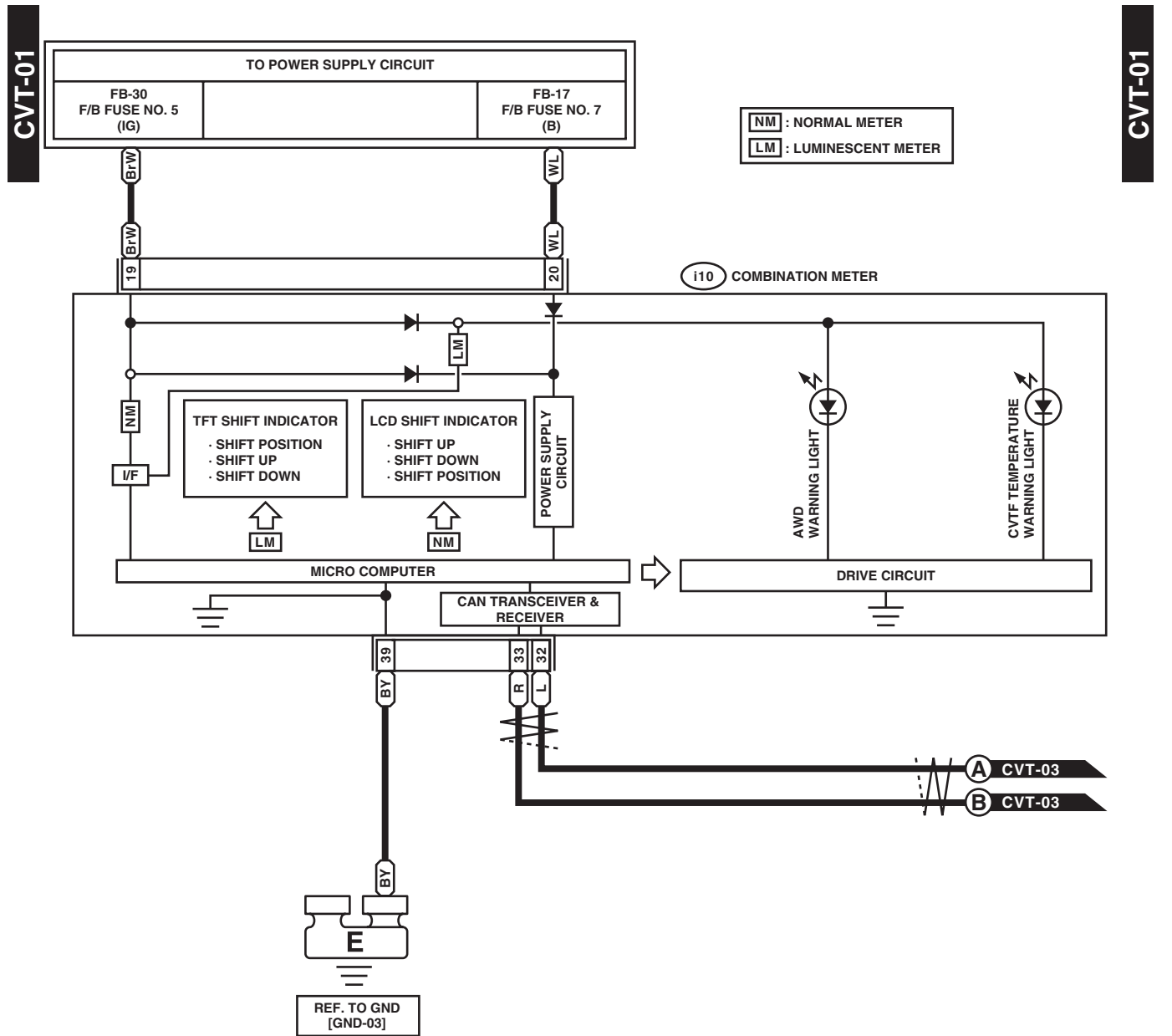
WI-36206



WI-36207

CVT Control System

WIRING SYSTEM



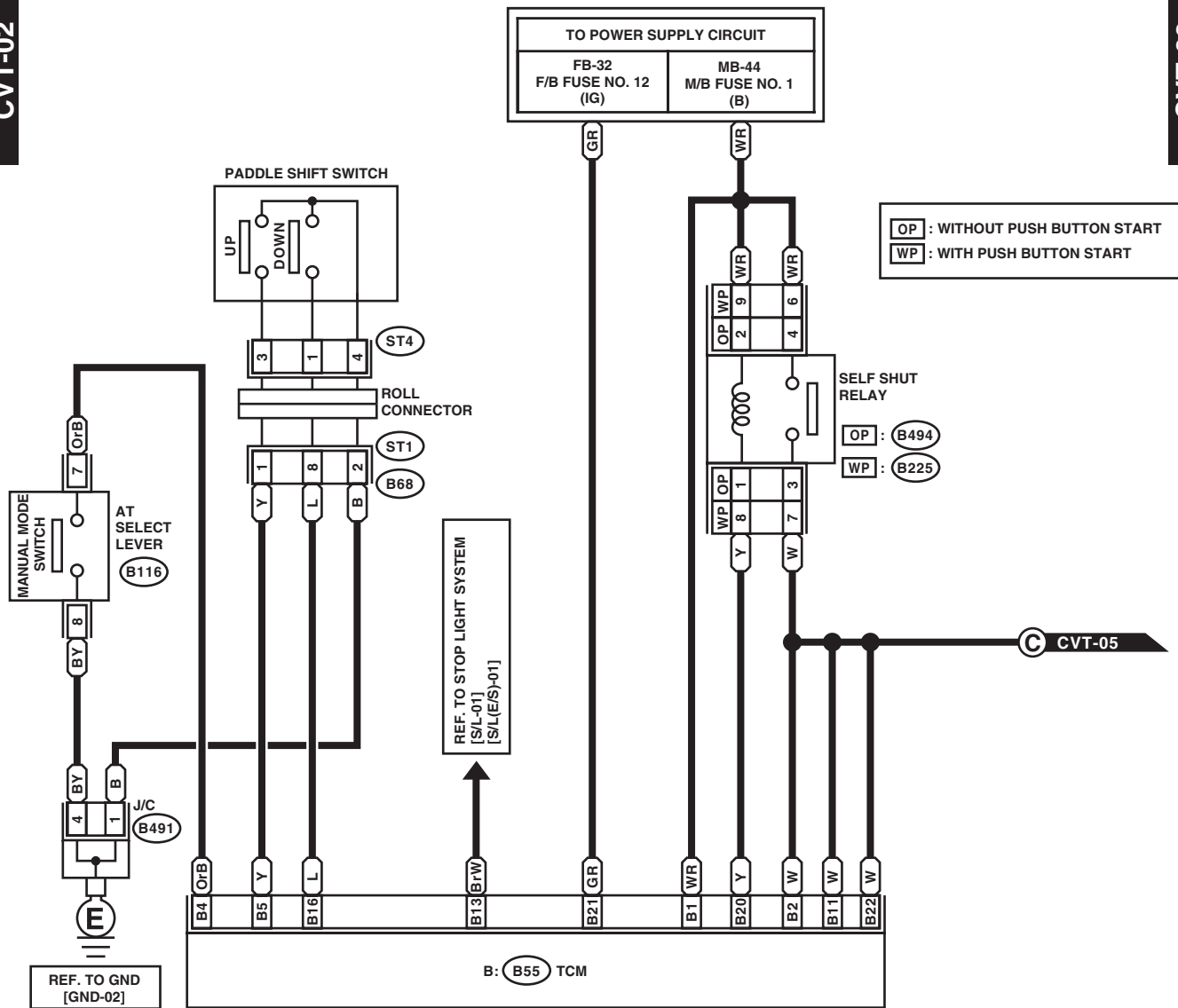
110

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

WI-36208

CVT-02

CVT-02



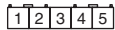
B494 (BLACK)



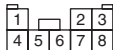
ST4



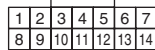
B491



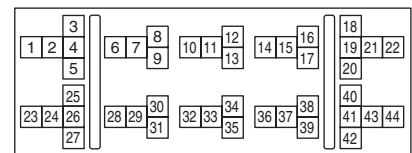
B116



B68

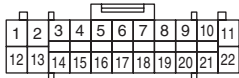


B225



RELAY HOLDER

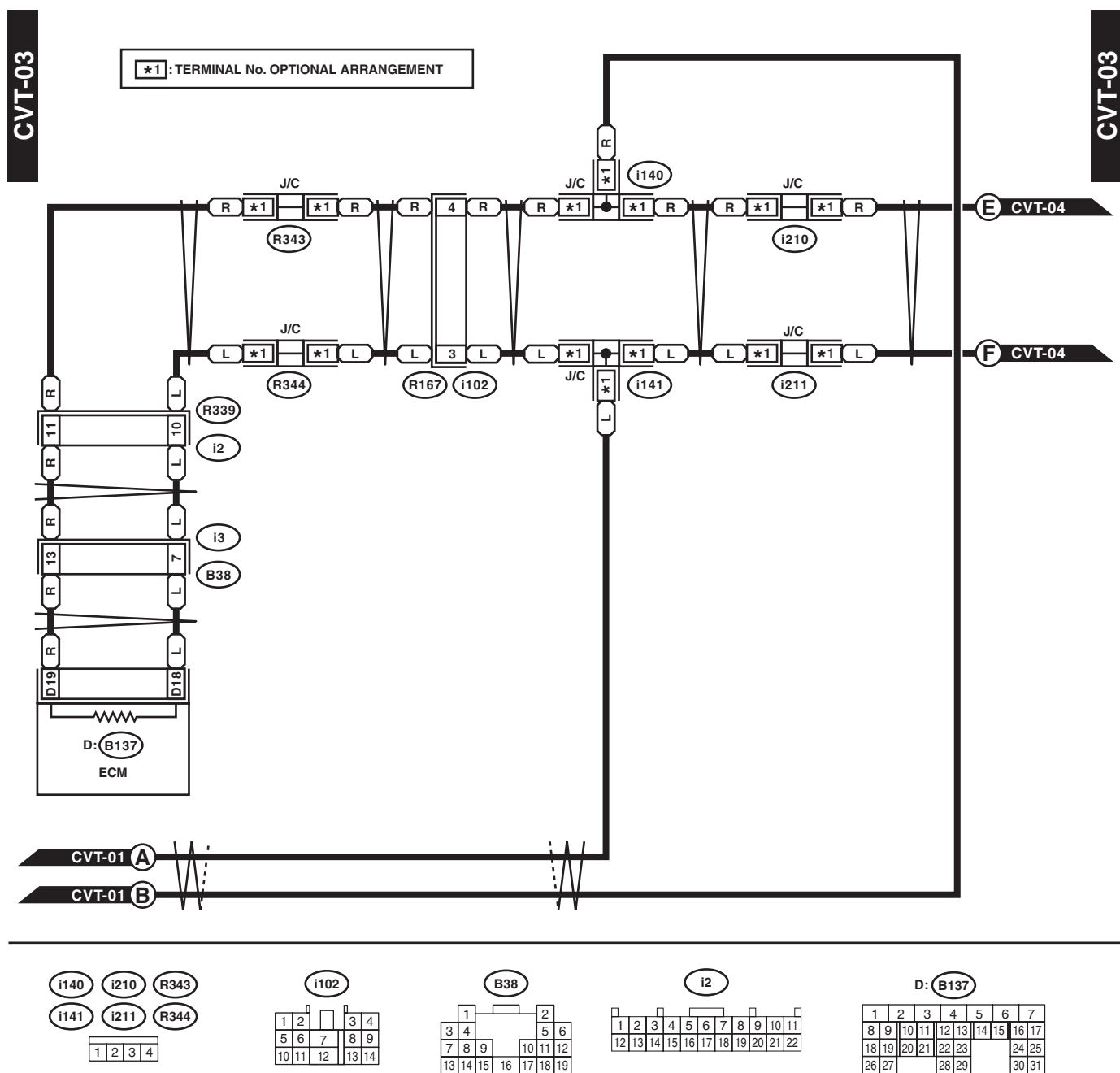
B: **B55** (GREEN)



WI-36209

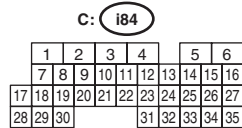
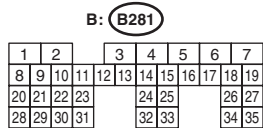
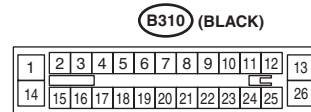
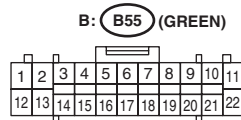
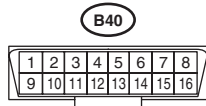
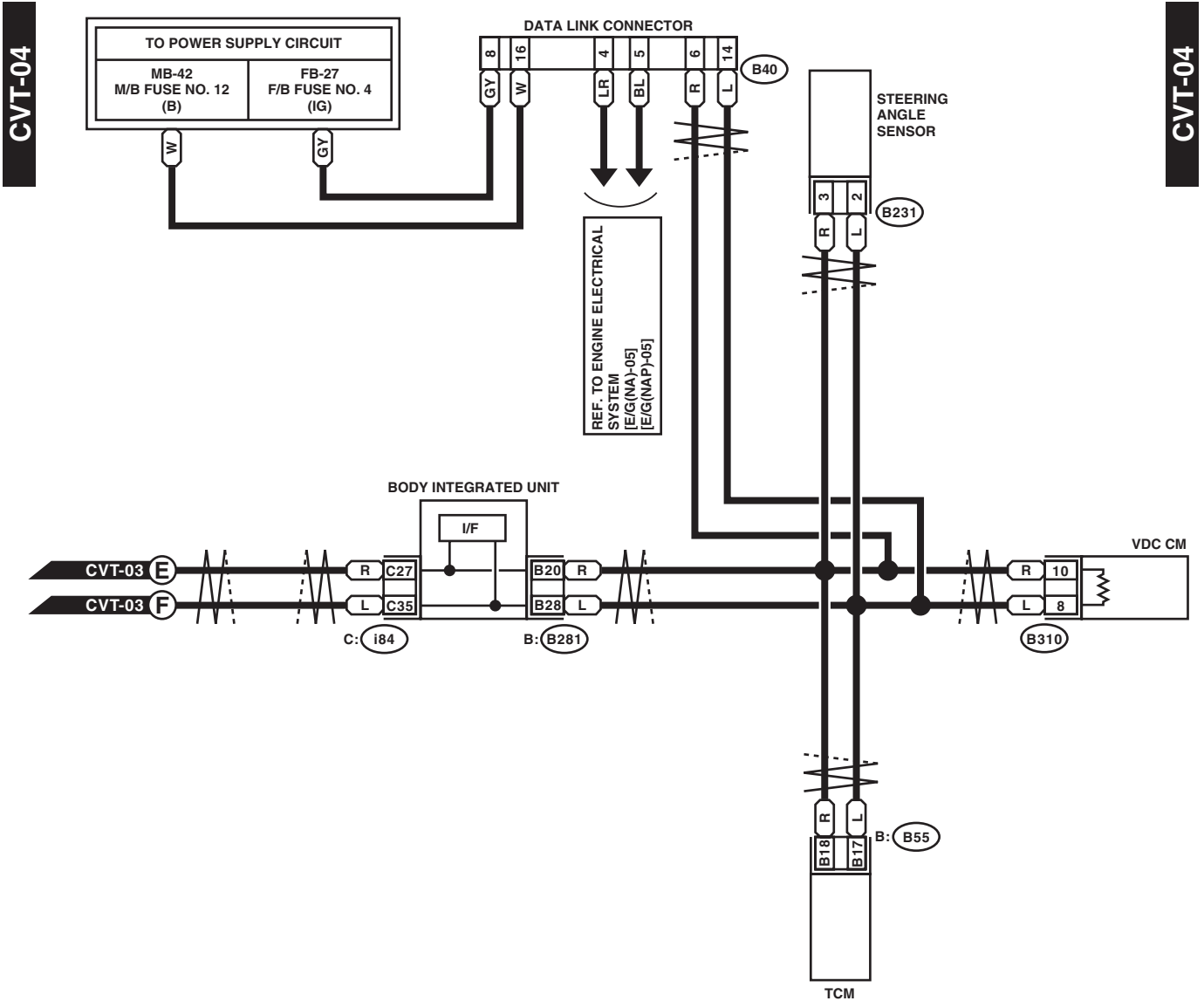
WIRING SYSTEM

WIRING SYSTEM



CVT Control System

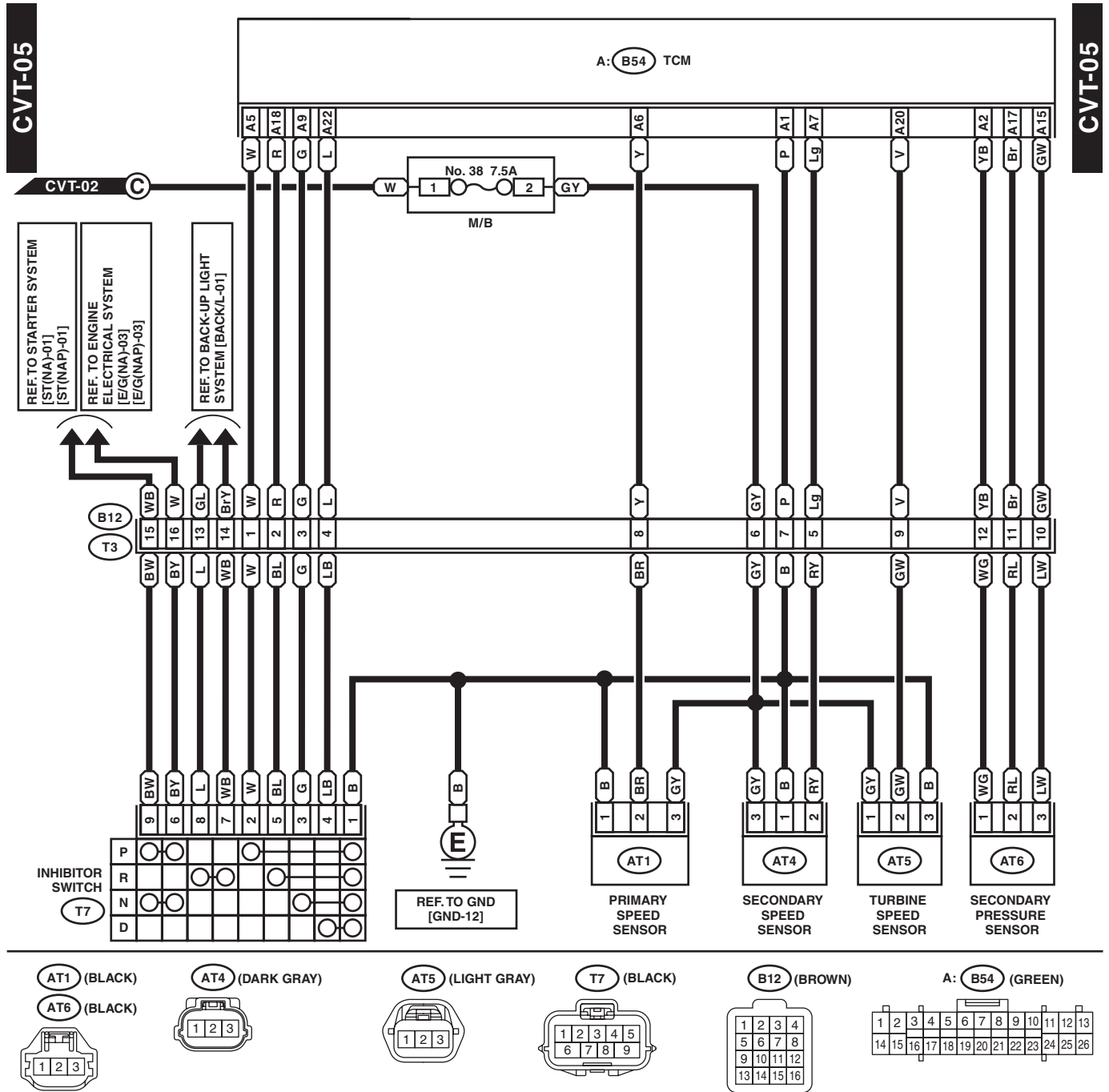
WIRING SYSTEM



WI-36211

CVT Control System

WIRING SYSTEM

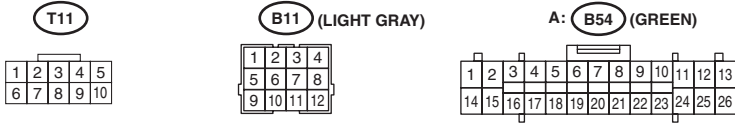
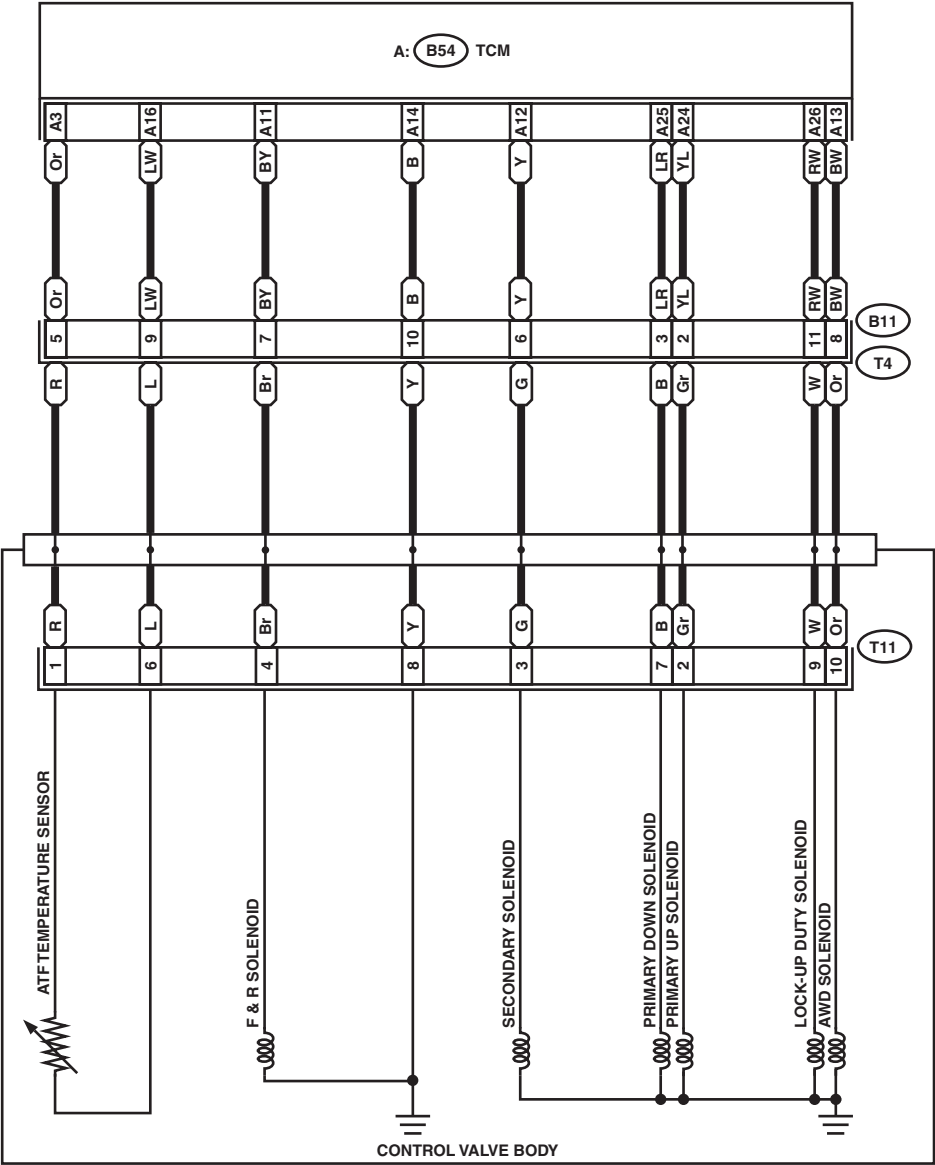


WI-41887

CVT Control System

CVT-06

CVT-06



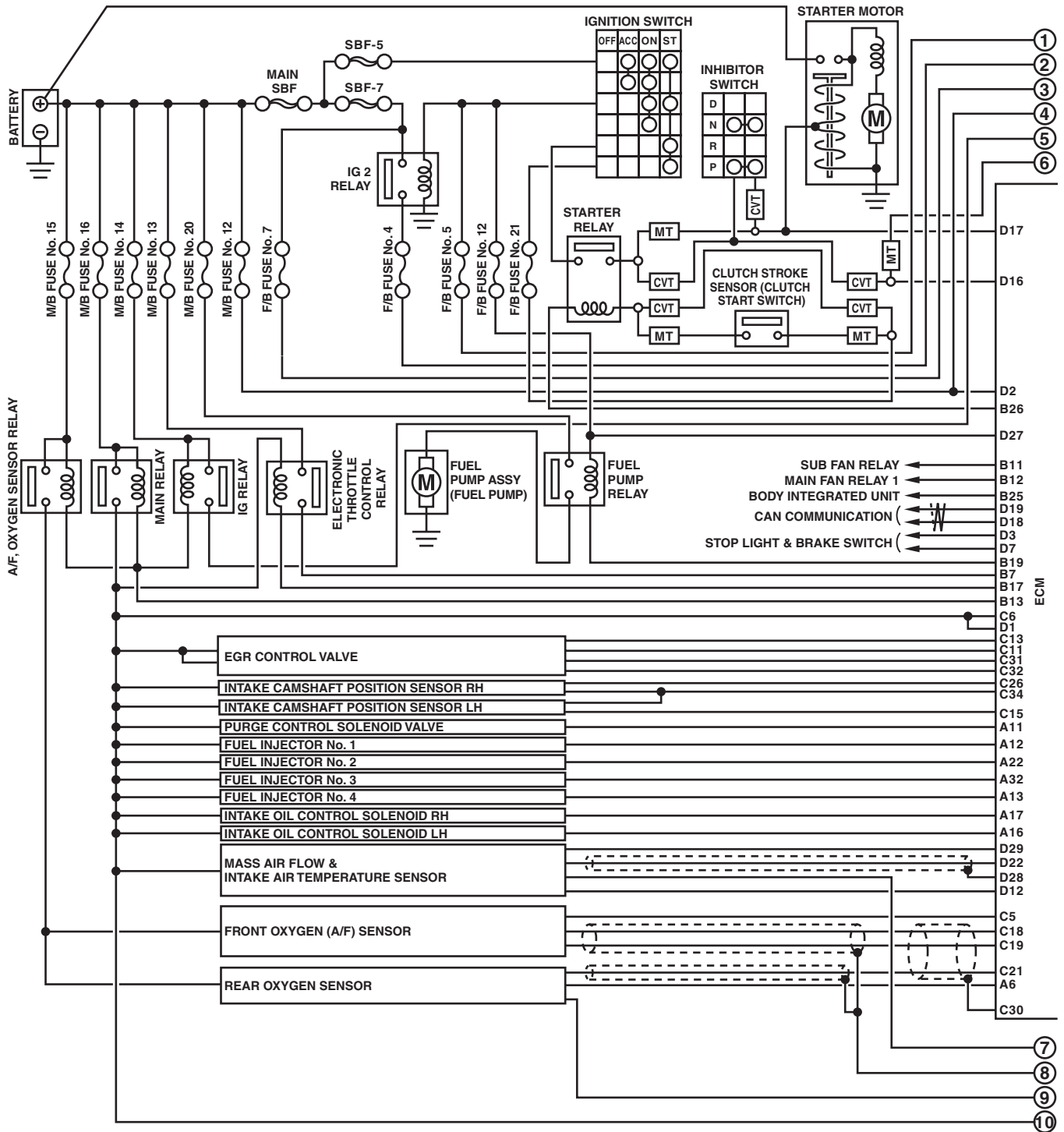
Engine Electrical System

WIRING SYSTEM

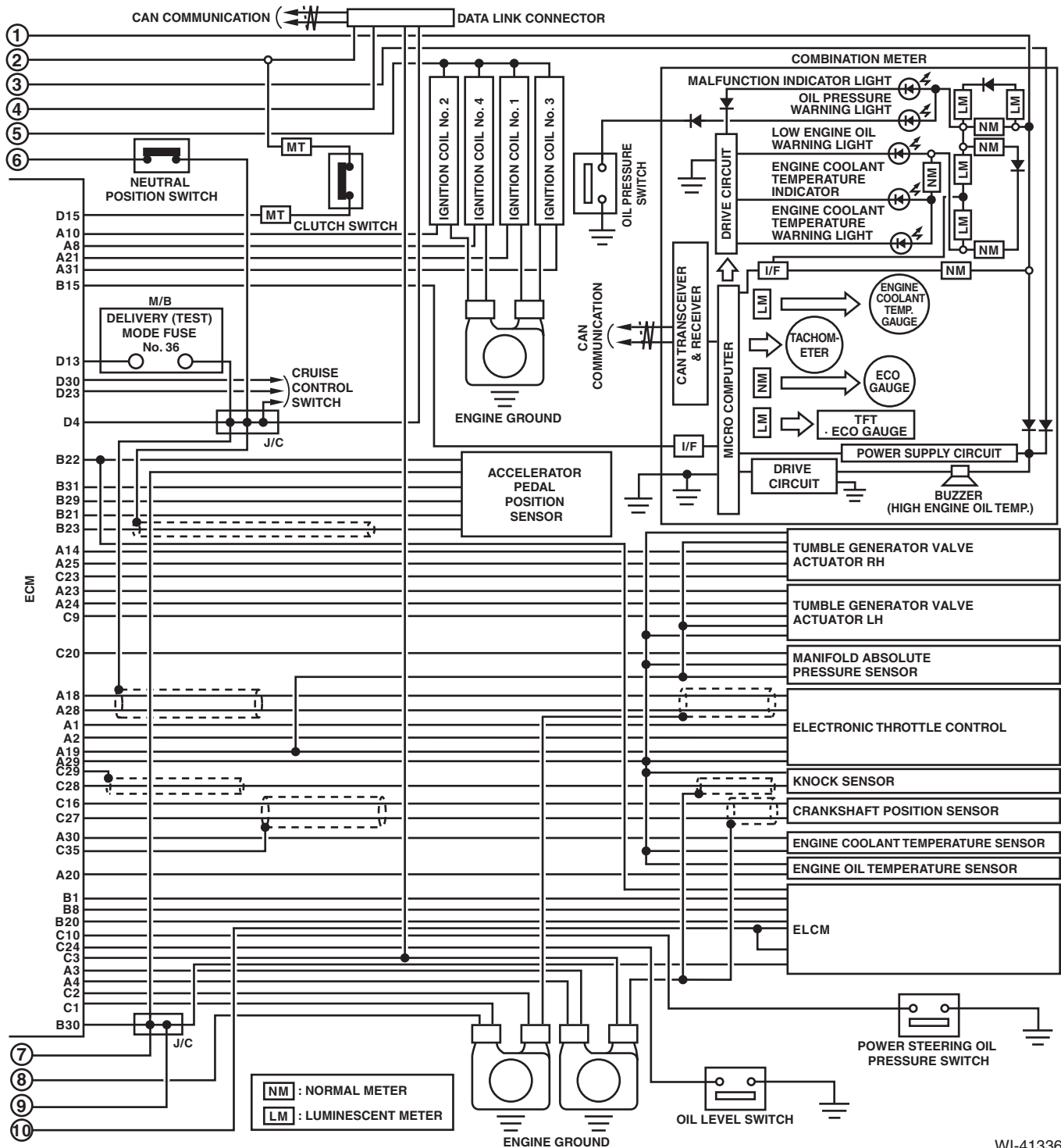
18.Engine Electrical System

A: WIRING DIAGRAM

1. 2.5 L MODEL (WITHOUT PUSH BUTTON START)



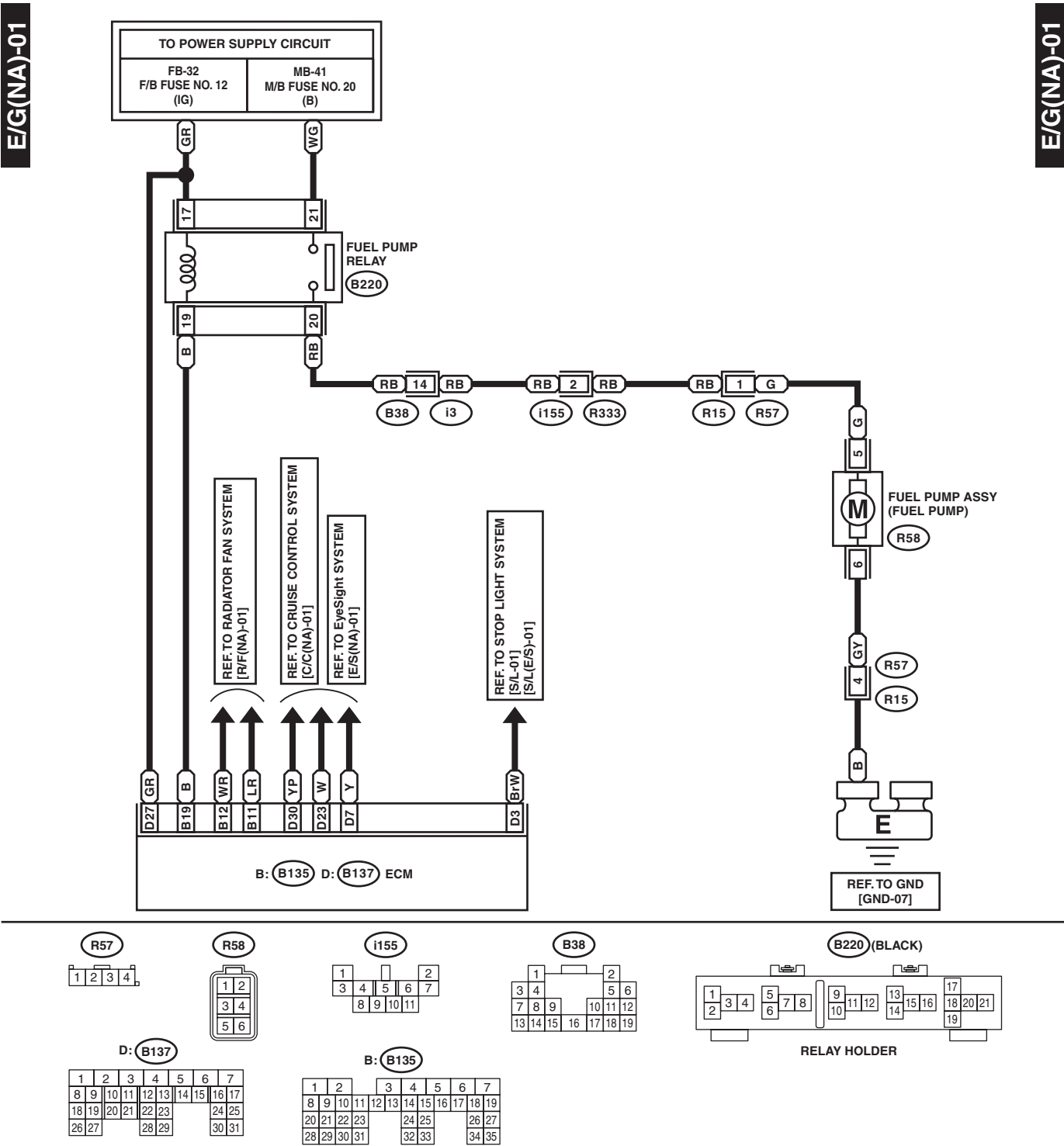
WI-36214



WI-41336

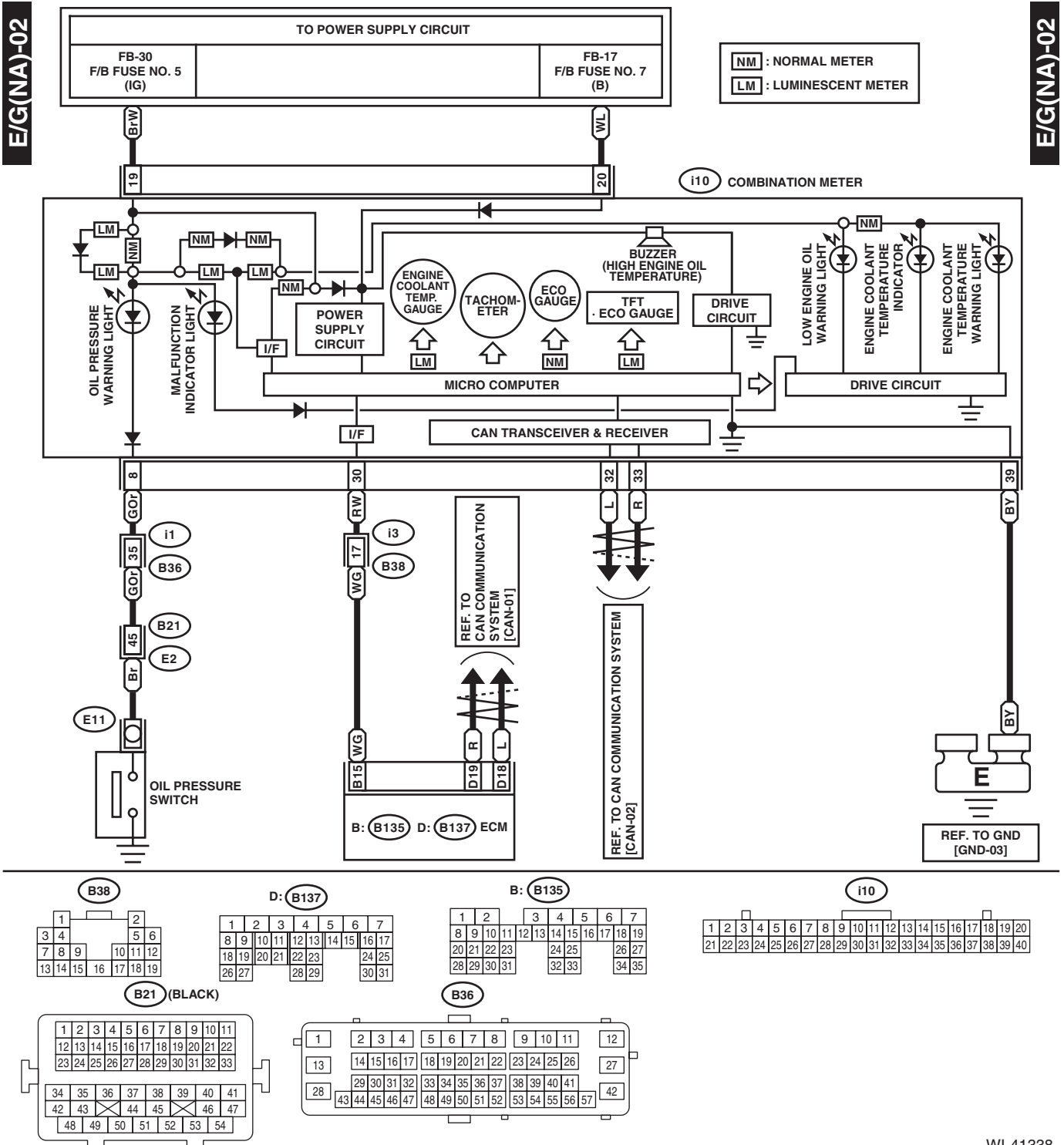
Engine Electrical System

WIRING SYSTEM



Engine Electrical System

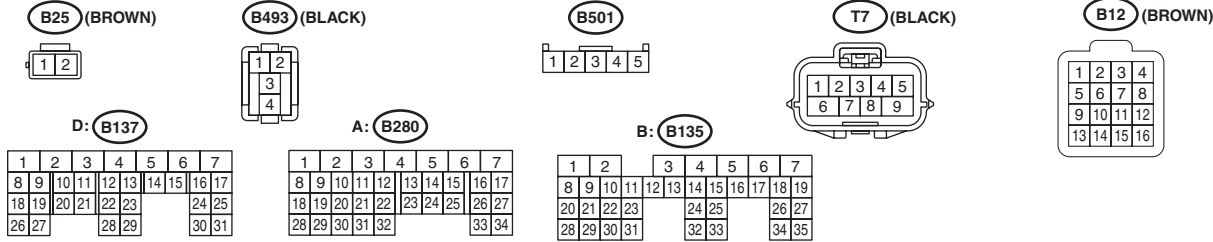
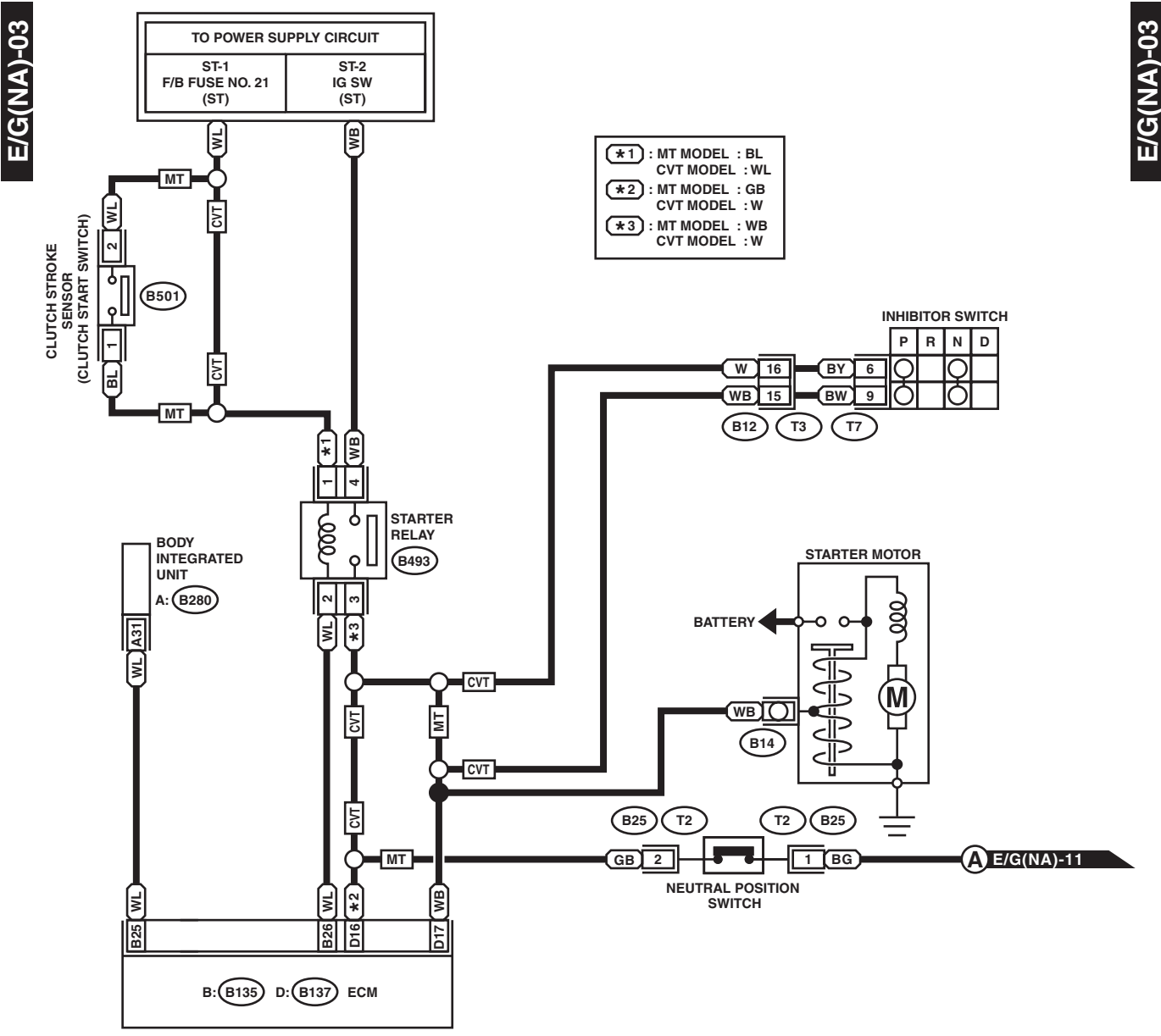
WIRING SYSTEM



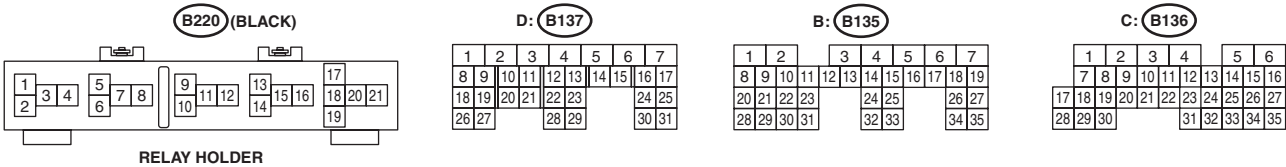
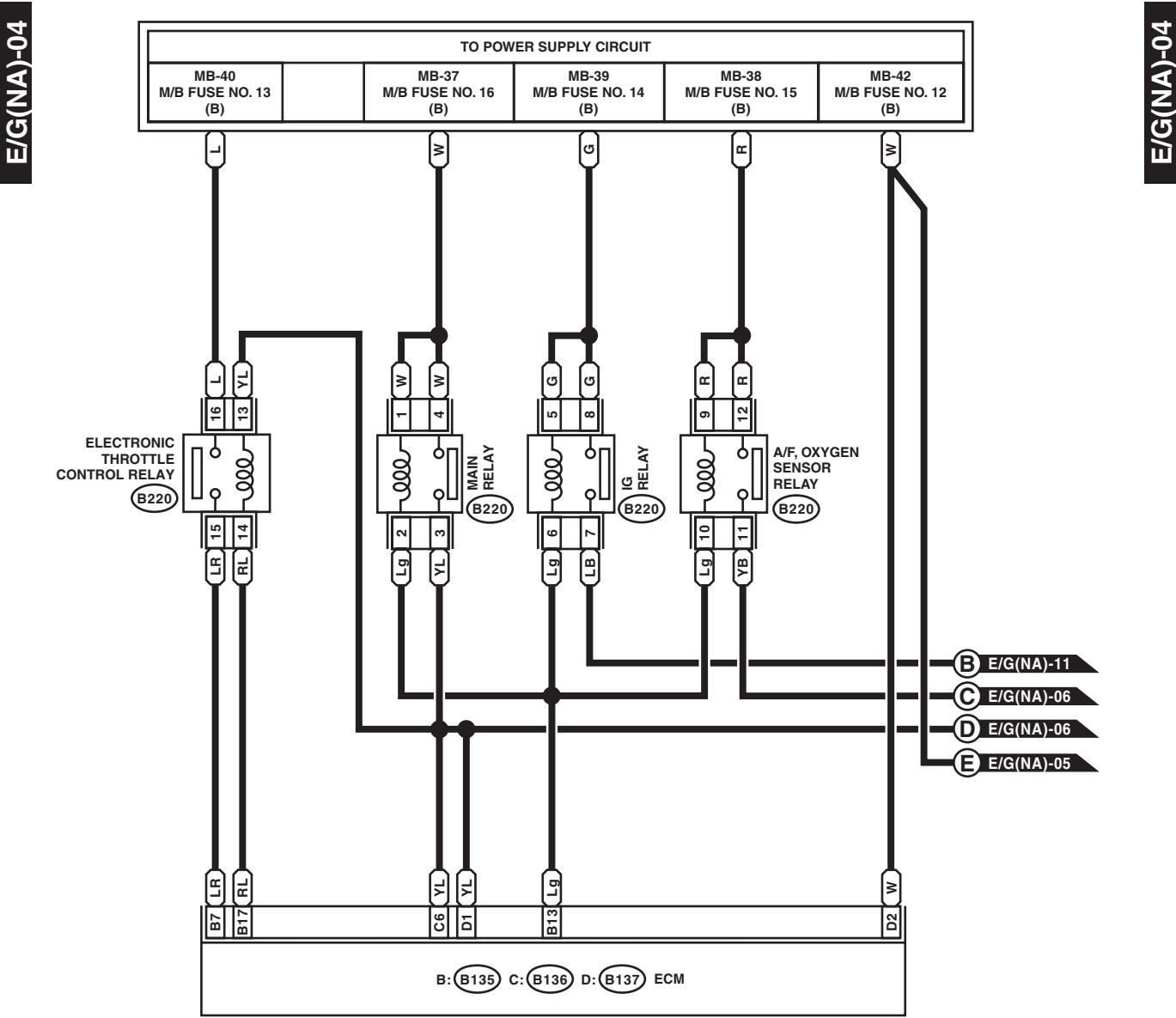
WI-41338

Engine Electrical System

WIRING SYSTEM

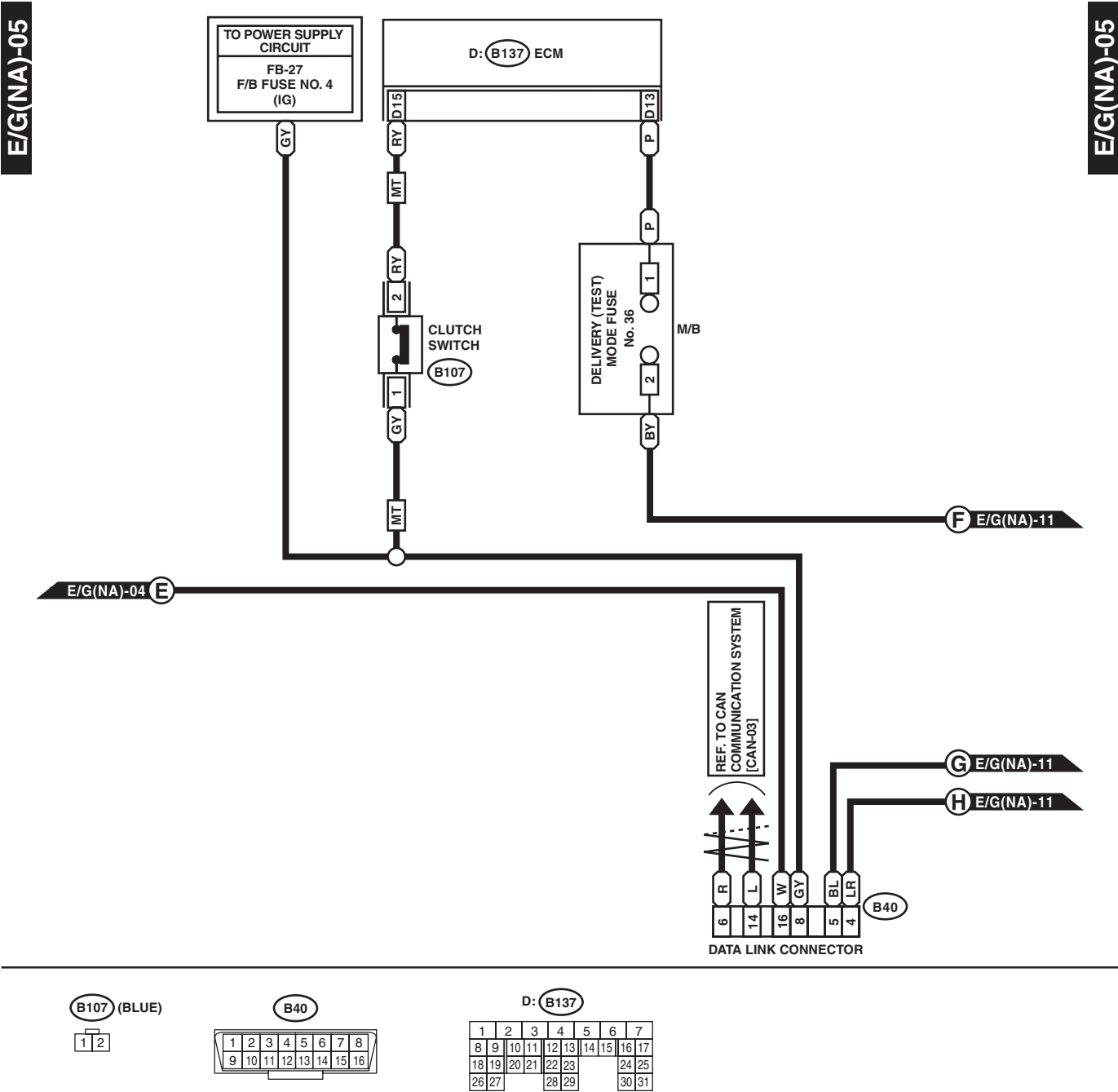


WI-36218



Engine Electrical System

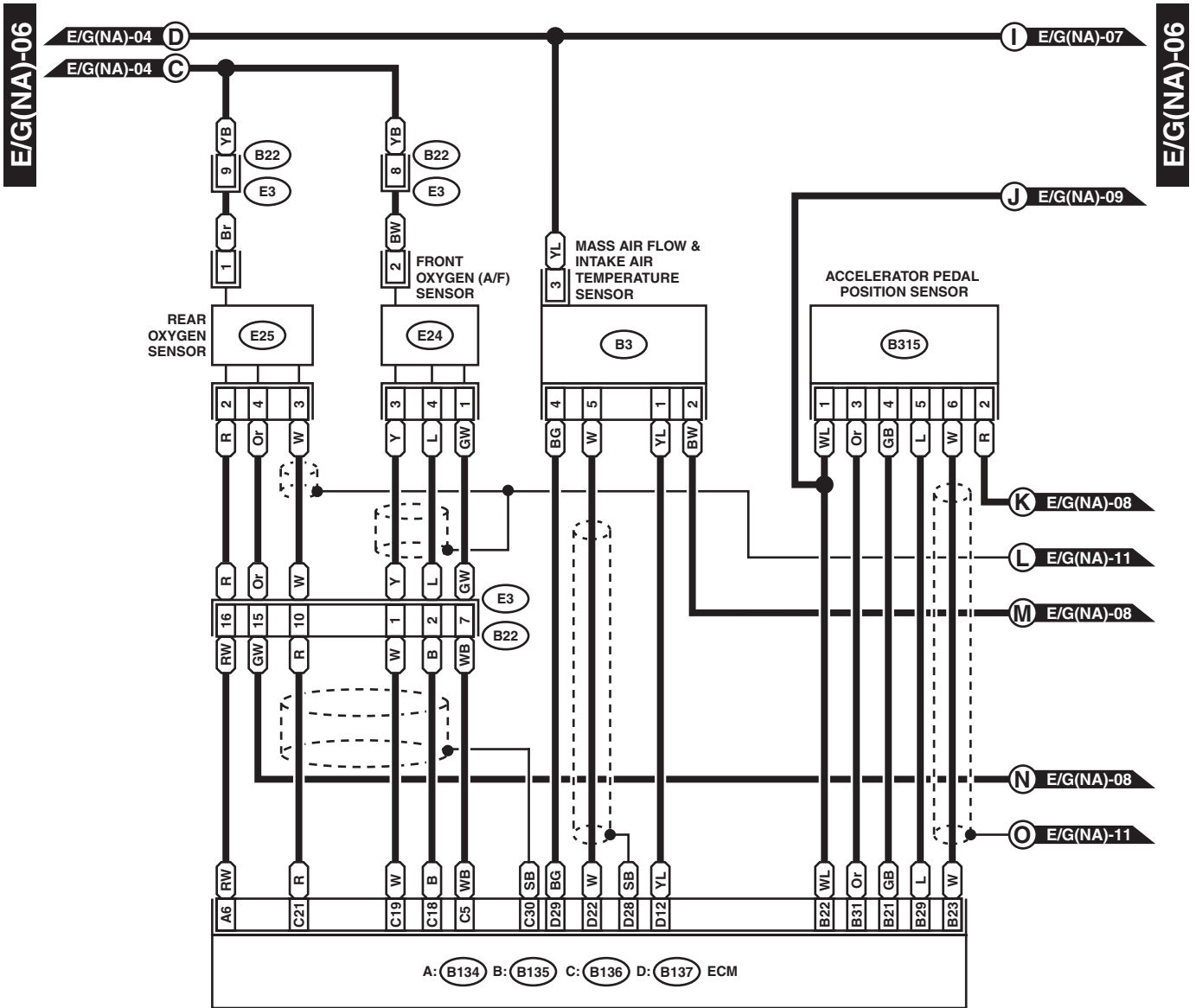
WIRING SYSTEM



WI-36220

Engine Electrical System

WIRING SYSTEM



E24 (LIGHT GRAY)



E25 (BLACK)



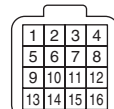
B3 (BLACK)



B315 (BLACK)



B22 (BROWN)



D: B137

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

A: B134

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

B: B135

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

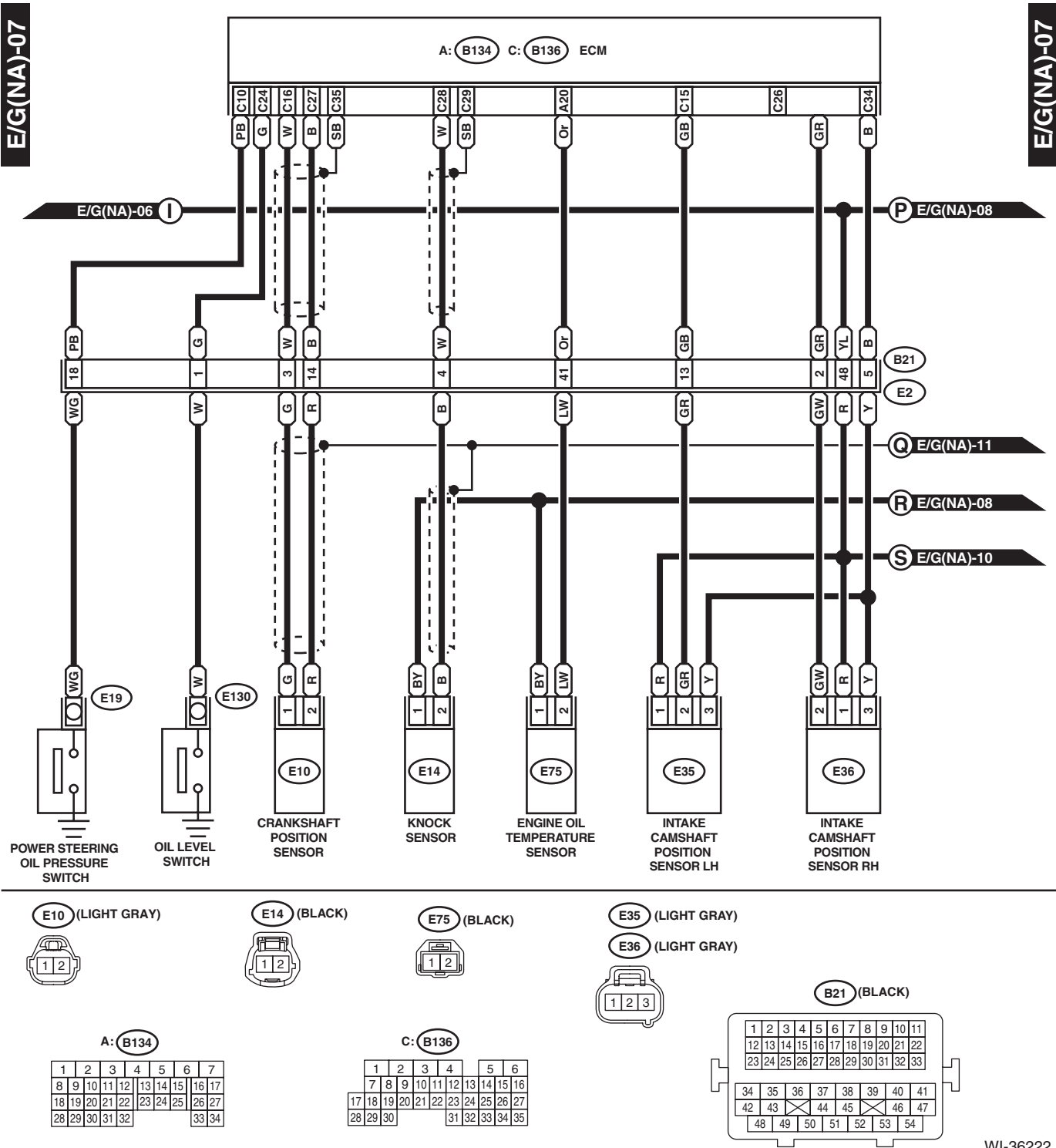
C: B136

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

WI-36221

Engine Electrical System

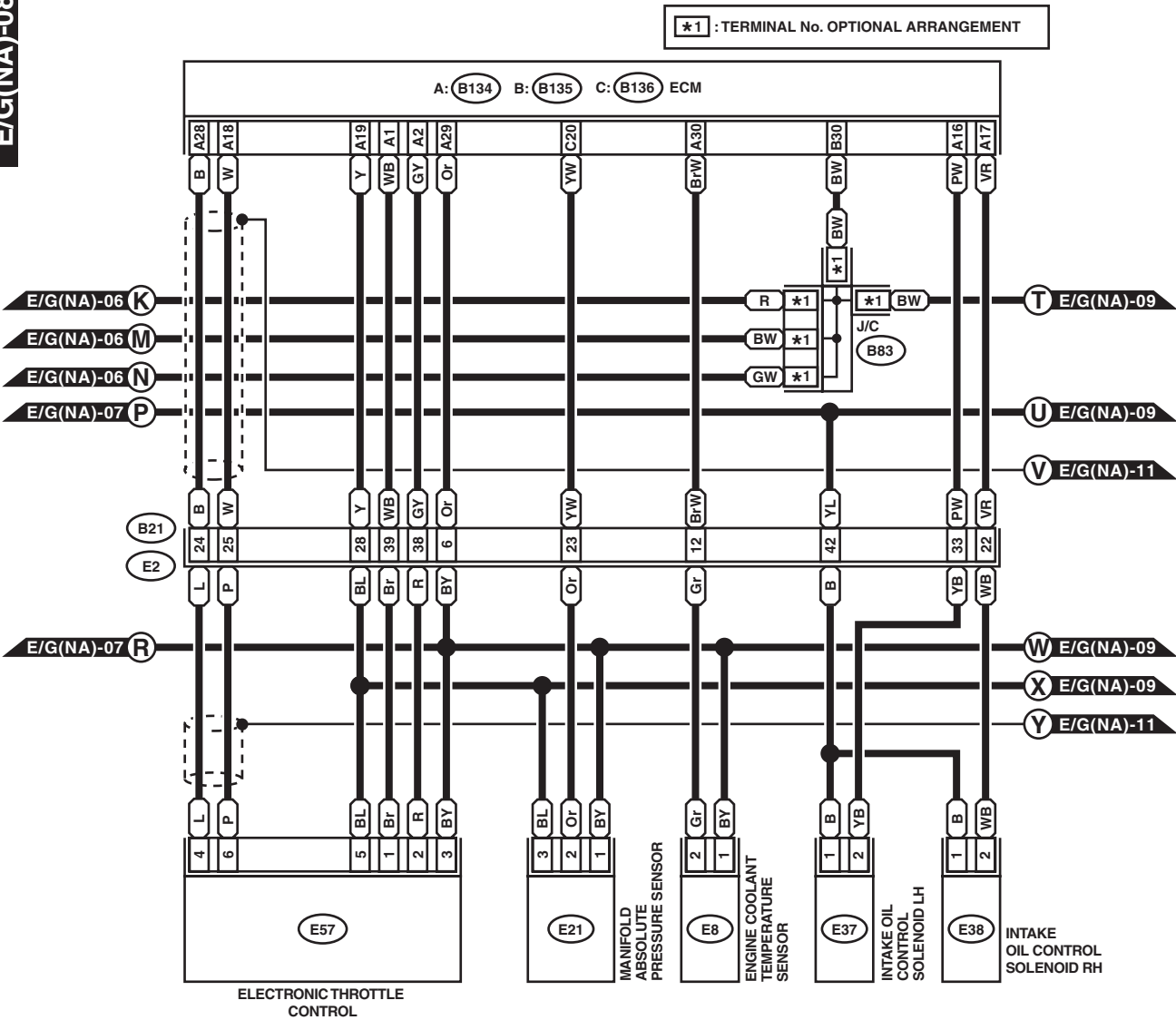
WIRING SYSTEM



WI-36222

E/G(NA)-08

E/G(NA)-08



E8 (BLACK)



E37 (BLACK)



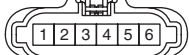
E21 (BLACK)



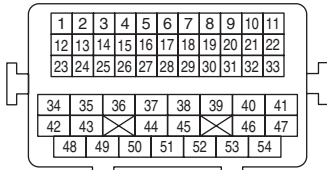
B83



E57 (BLACK)



B21 (BLACK)



A: (B134)

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

B: (B135)

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

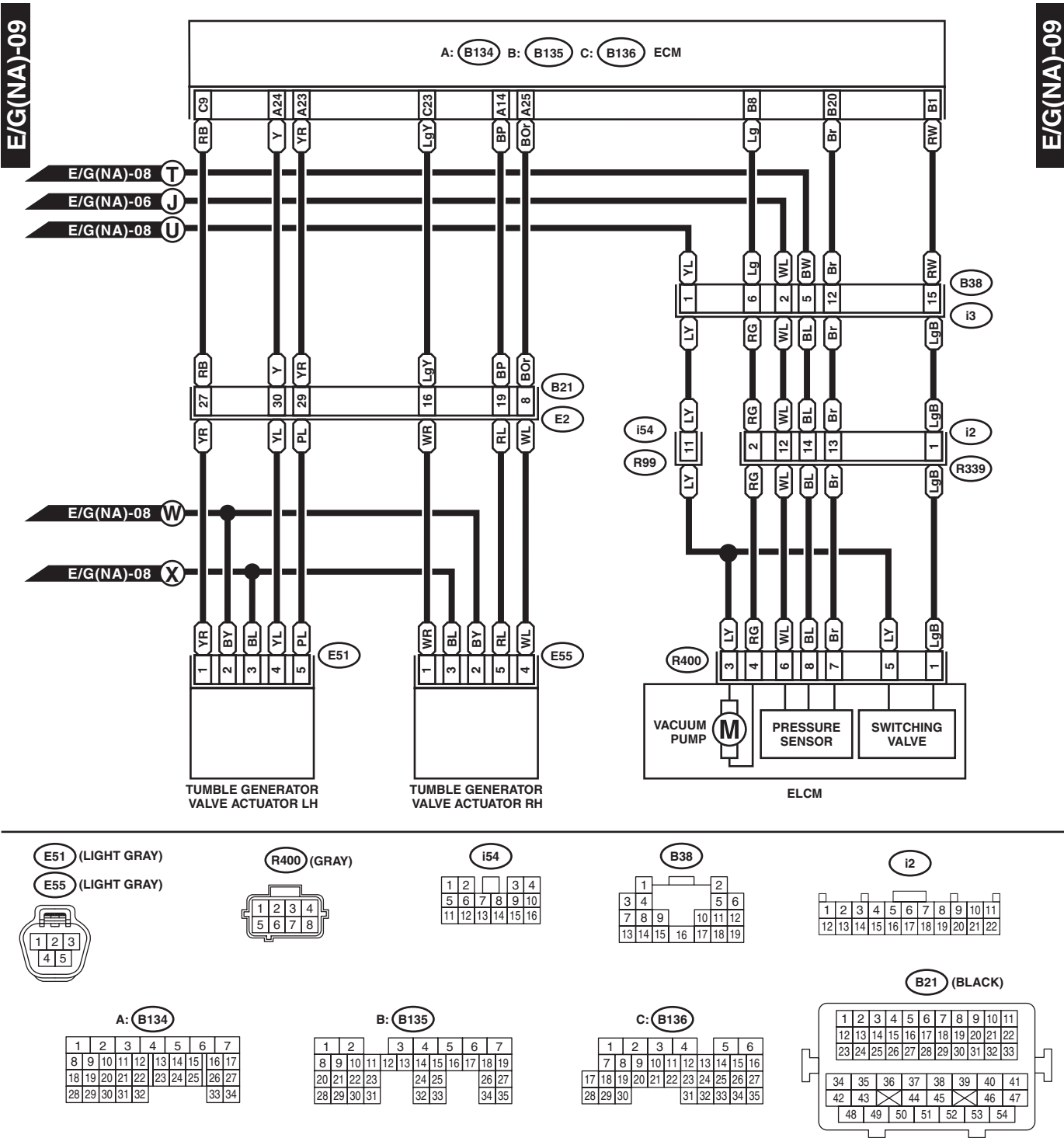
C: (B136)

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

WI-36223

Engine Electrical System

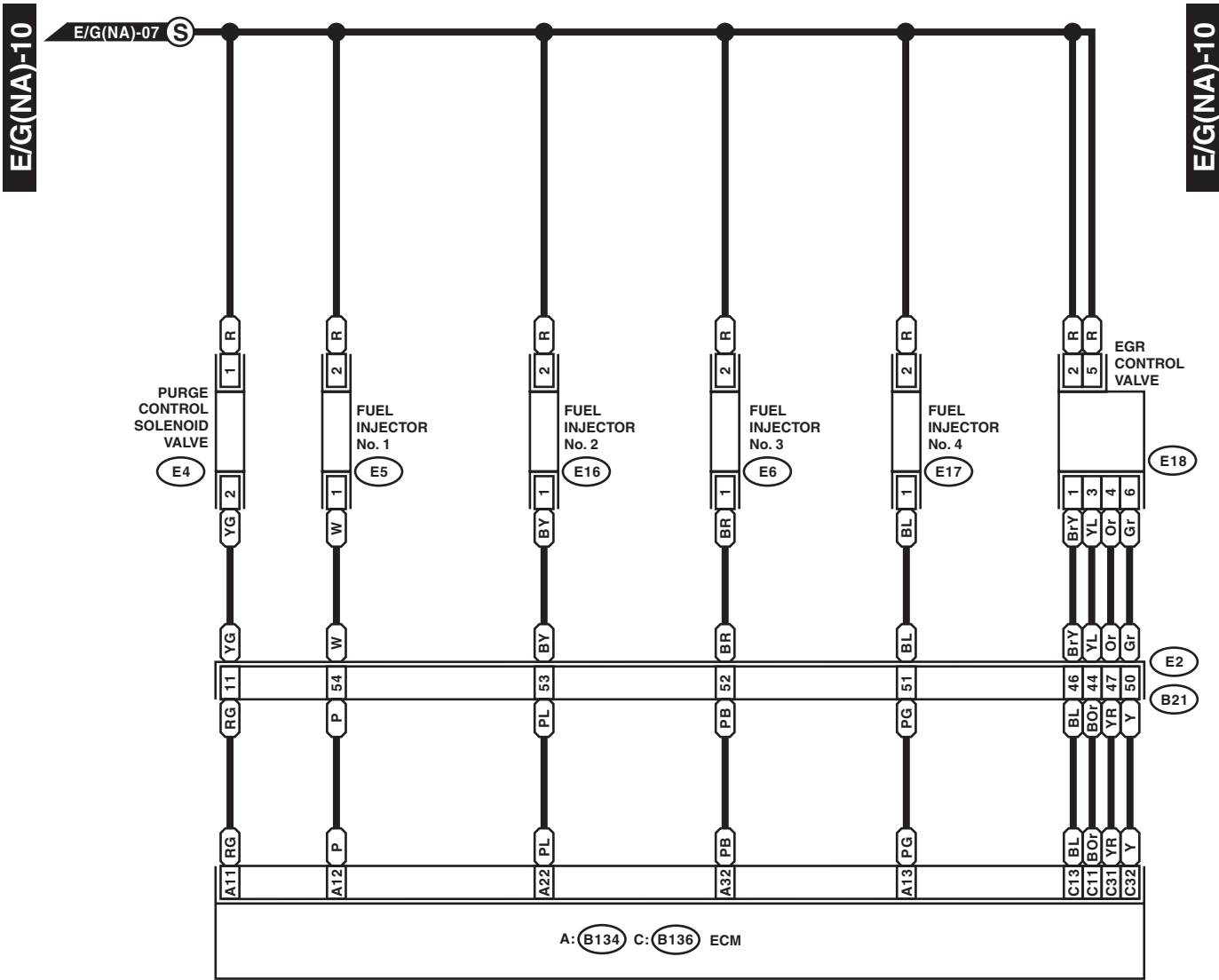
WIRING SYSTEM



WI-36224

Engine Electrical System

WIRING SYSTEM



(DARK GRAY) **E5** **E16** (DARK GRAY)
(DARK GRAY) **E6** **E17** (DARK GRAY)



A: B134

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

C: B136

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

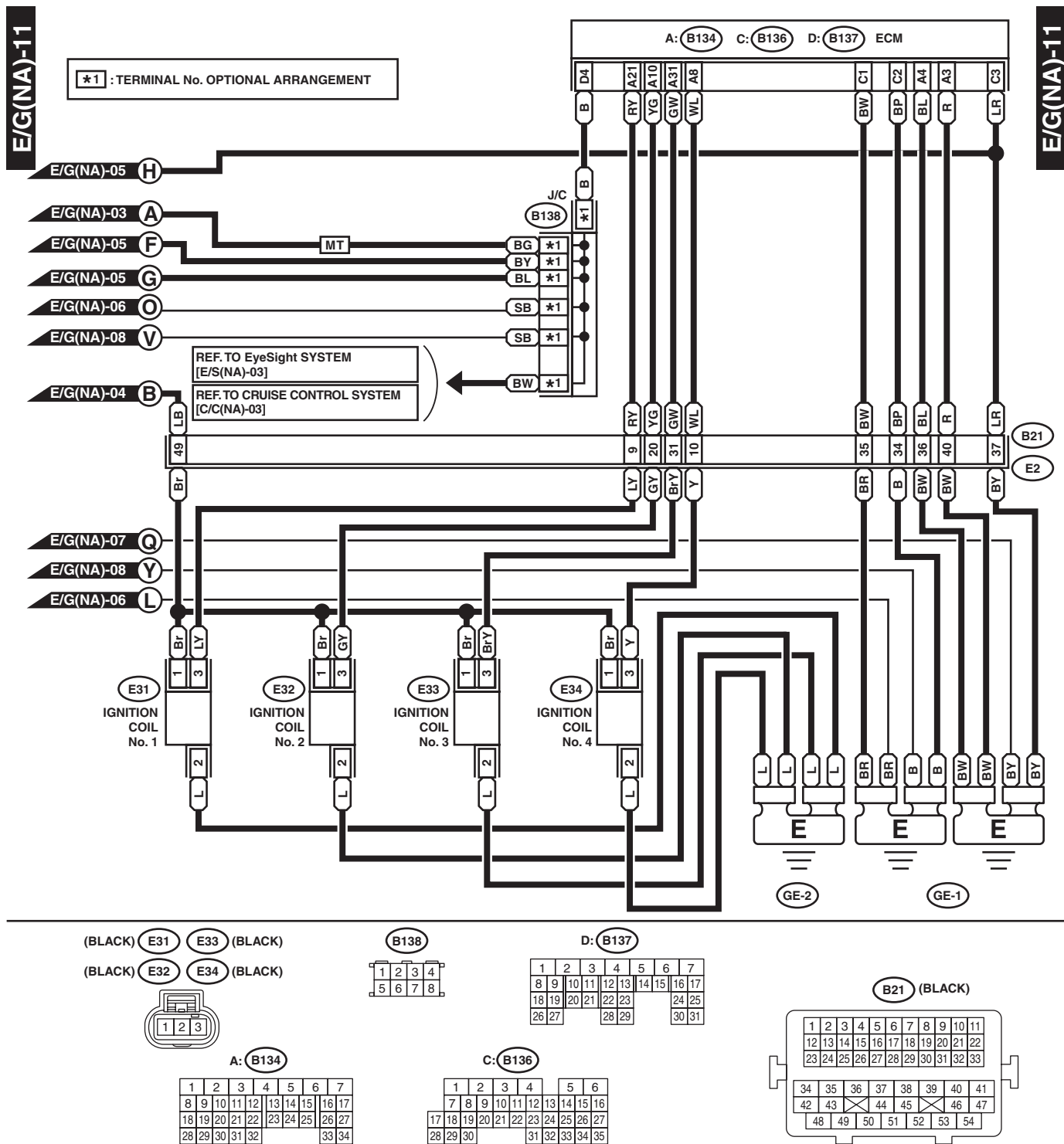
B21 (BLACK)

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

WI-36225

Engine Electrical System

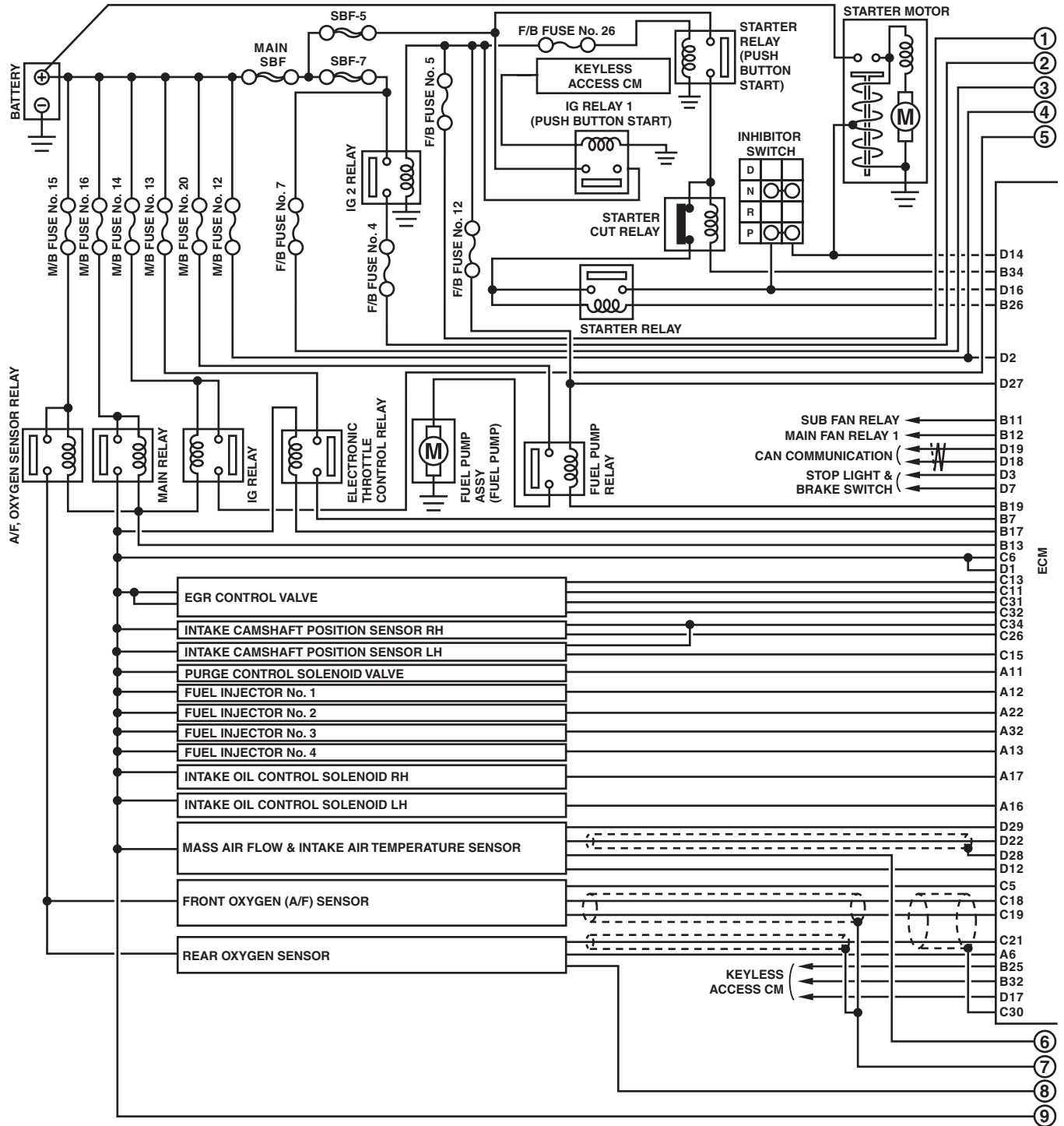
WIRING SYSTEM



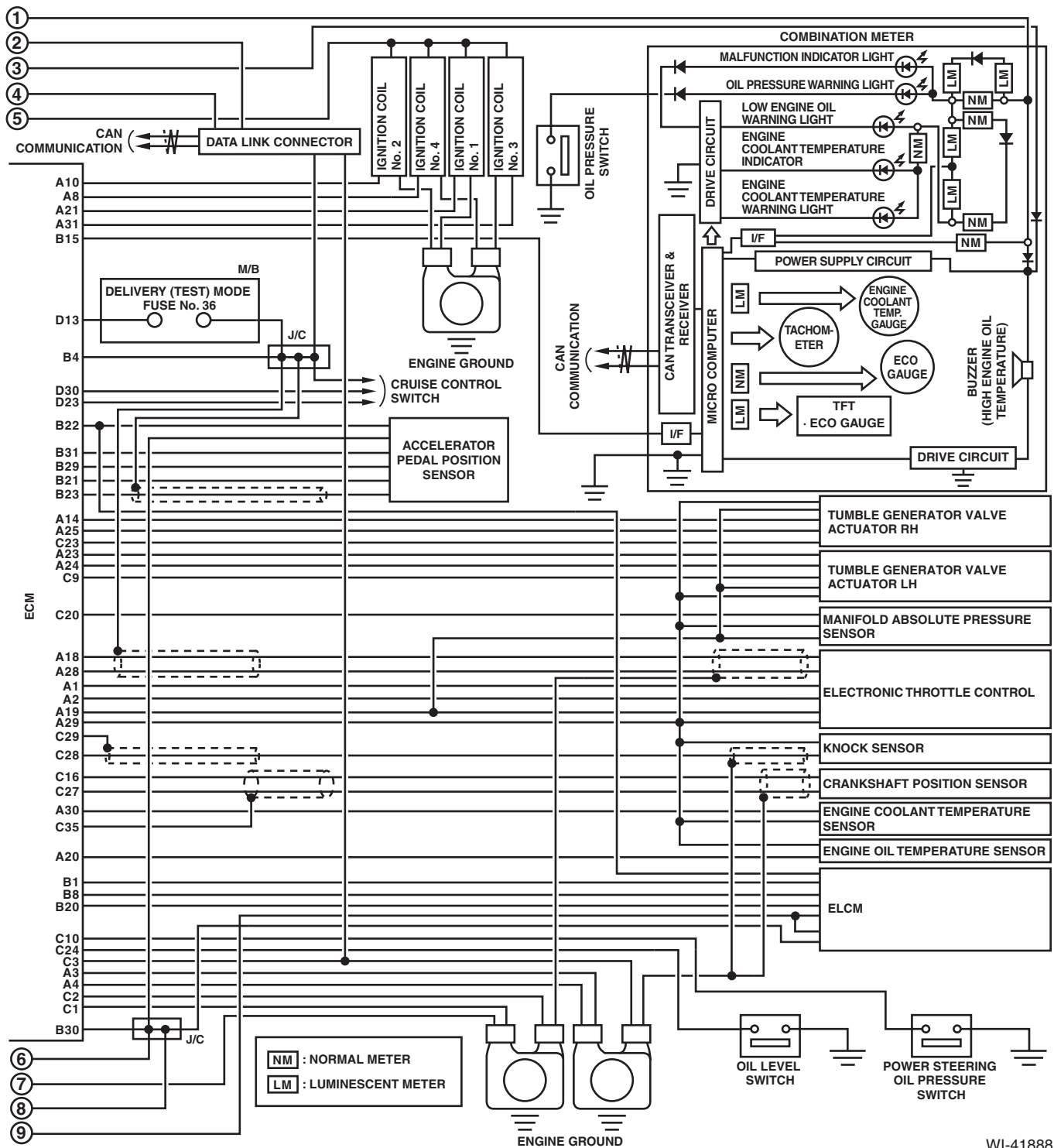
Engine Electrical System

WIRING SYSTEM

2. 2.5 L MODEL (WITH PUSH BUTTON START)



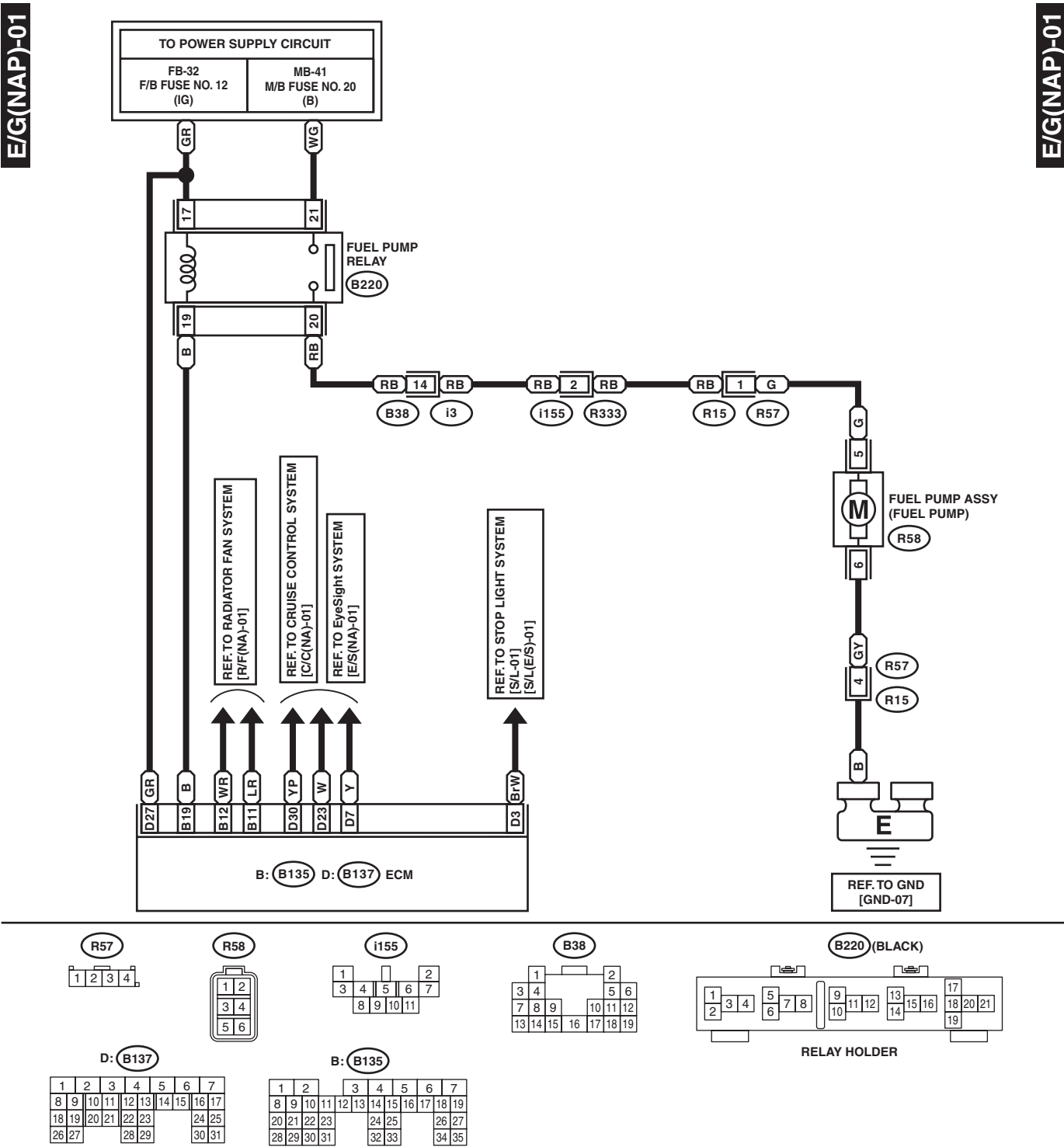
WI-41339



WI-41888

Engine Electrical System

WIRING SYSTEM

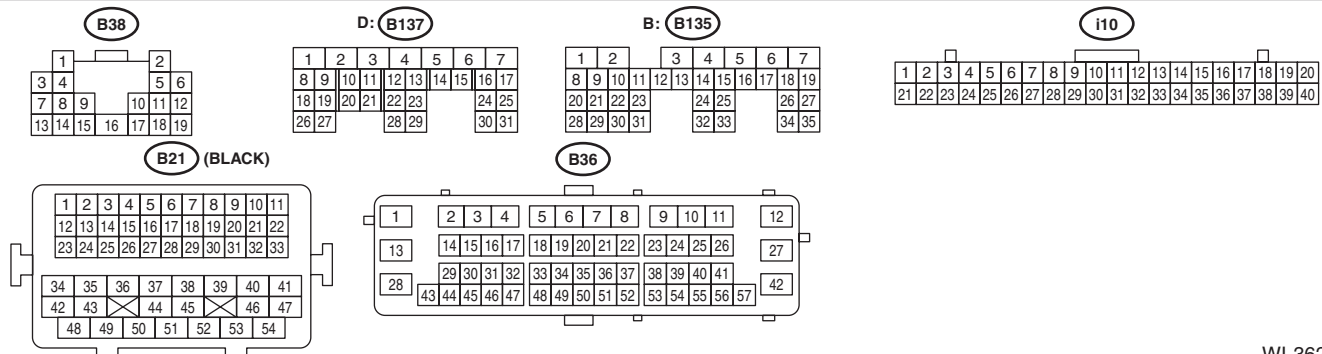
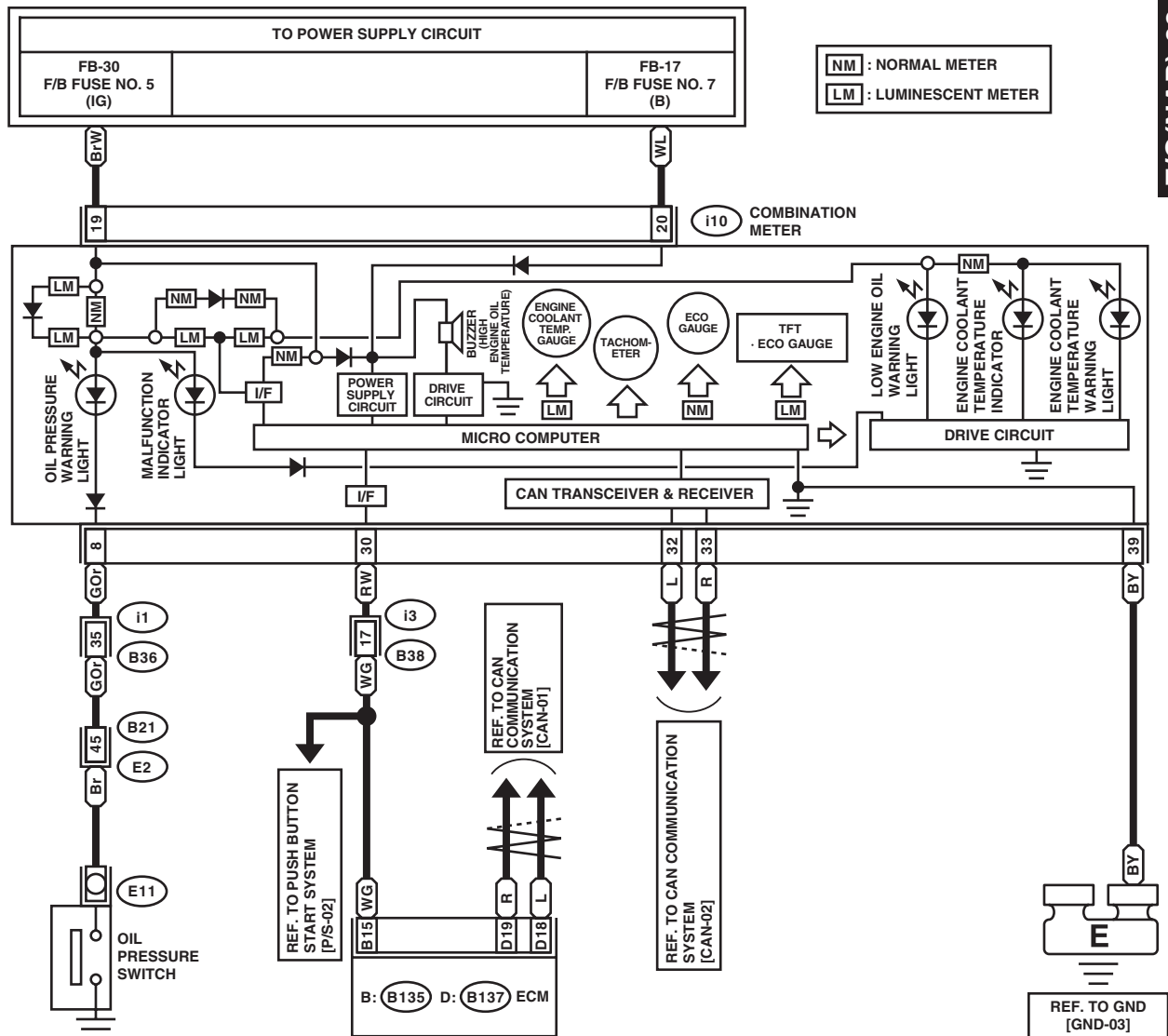


Engine Electrical System

WIRING SYSTEM

E/G(NAP)-02

E/G(NAP)-02



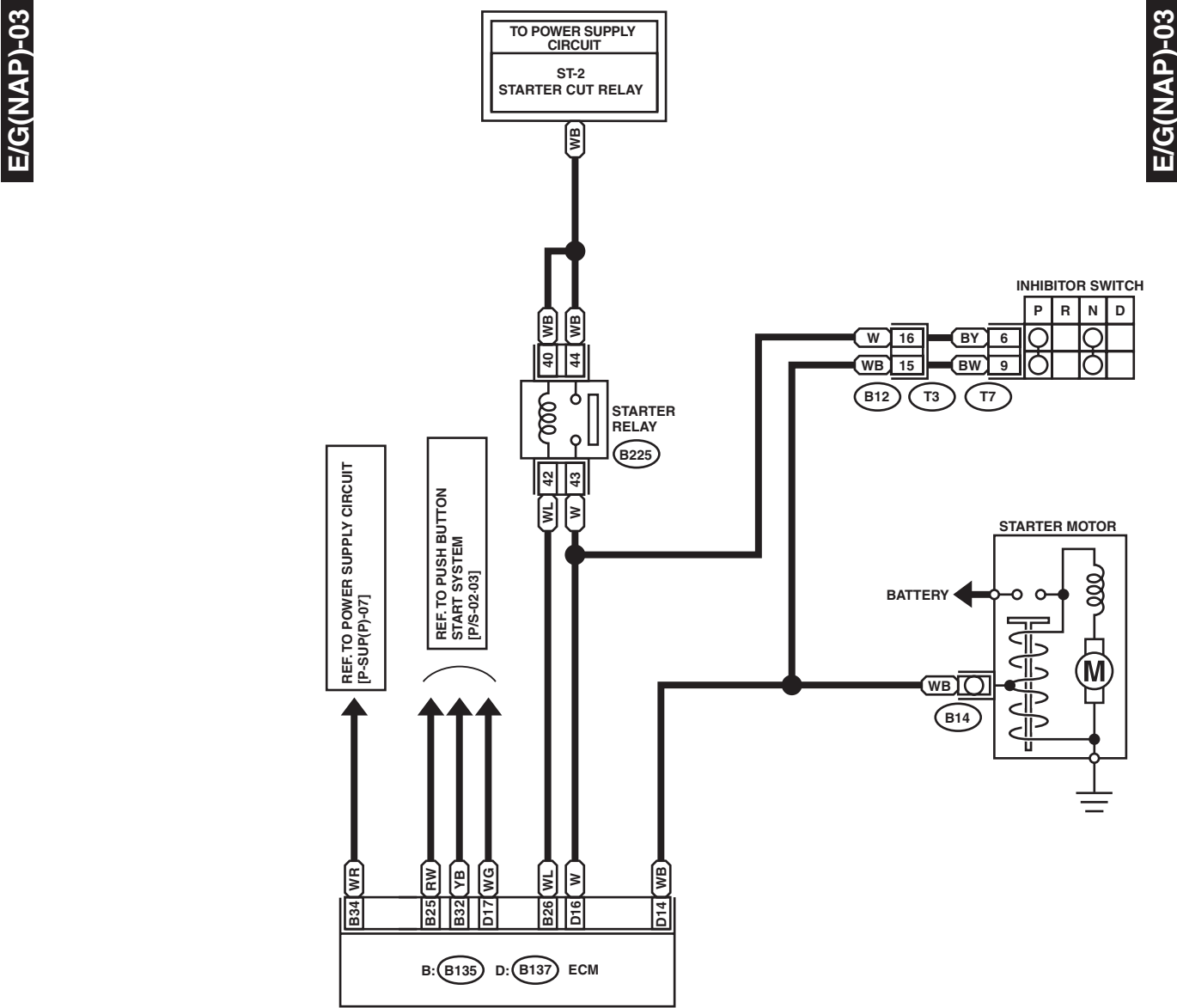
WI-36230

Engine Electrical System

WIRING SYSTEM

E/G(NAP)-03

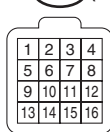
E/G(NAP)-03



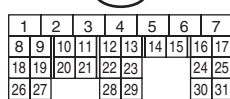
T7 (BLACK)



B12 (BROWN)



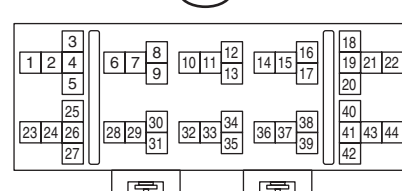
D: (B137)



B: (B135)



B225

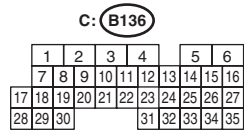
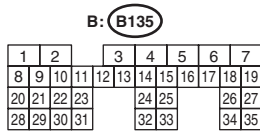
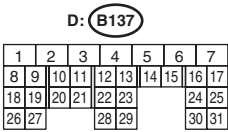
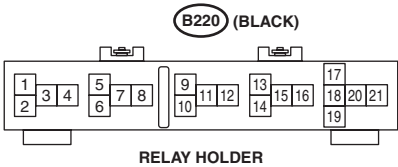
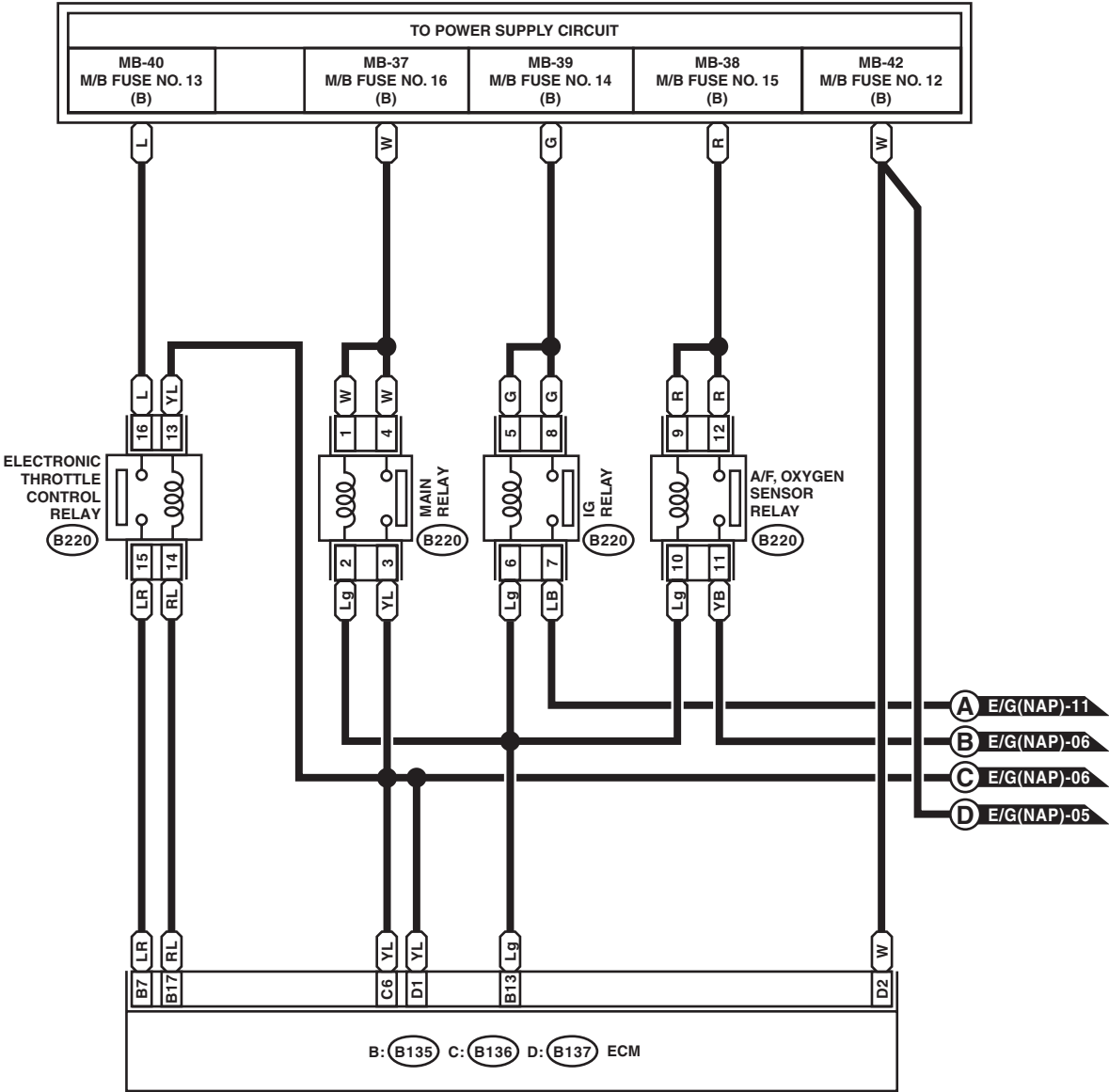


RELAY HOLDER

WI-36231

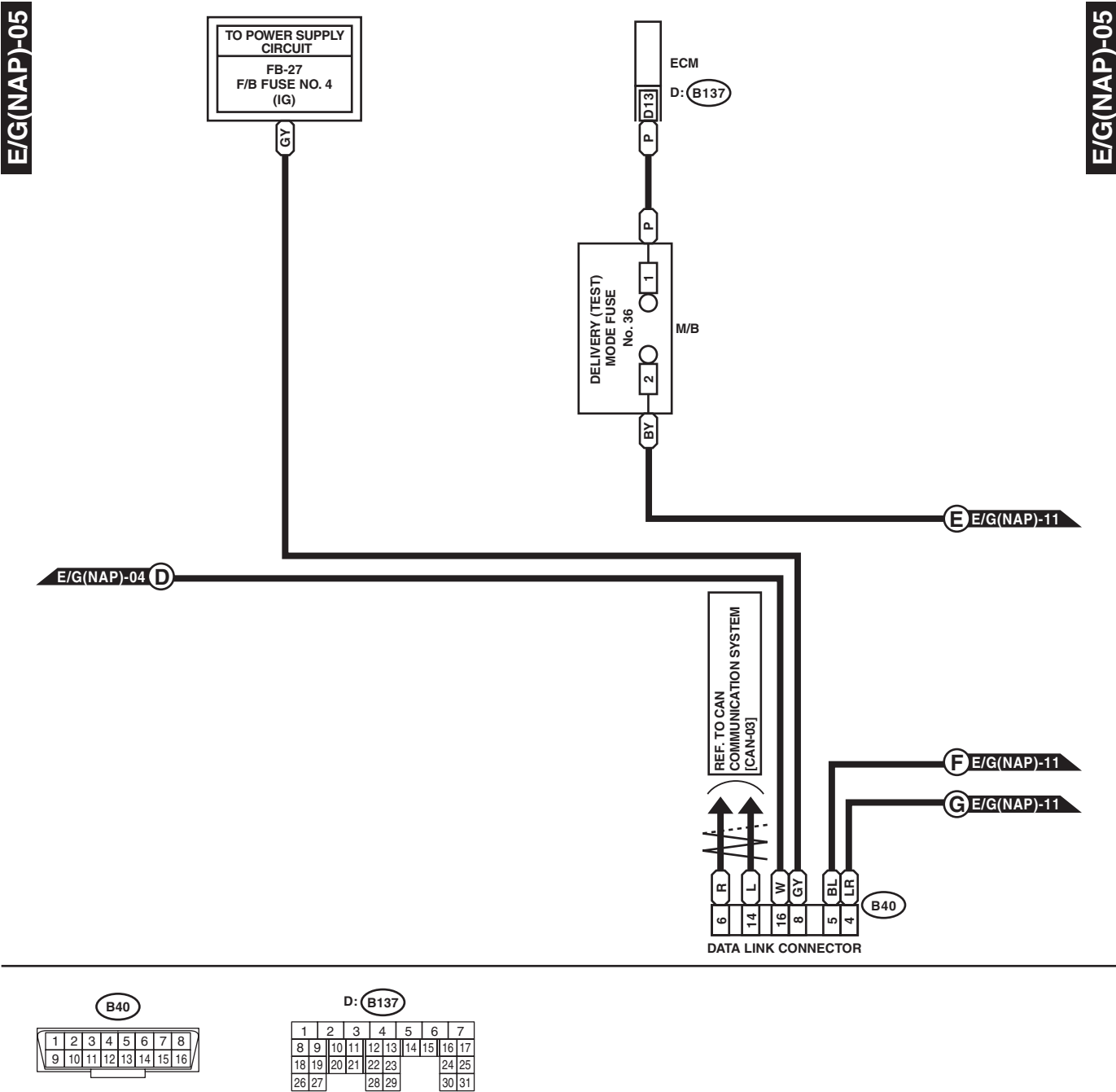
E/G(NAP)-04

E/G(NAP)-04



Engine Electrical System

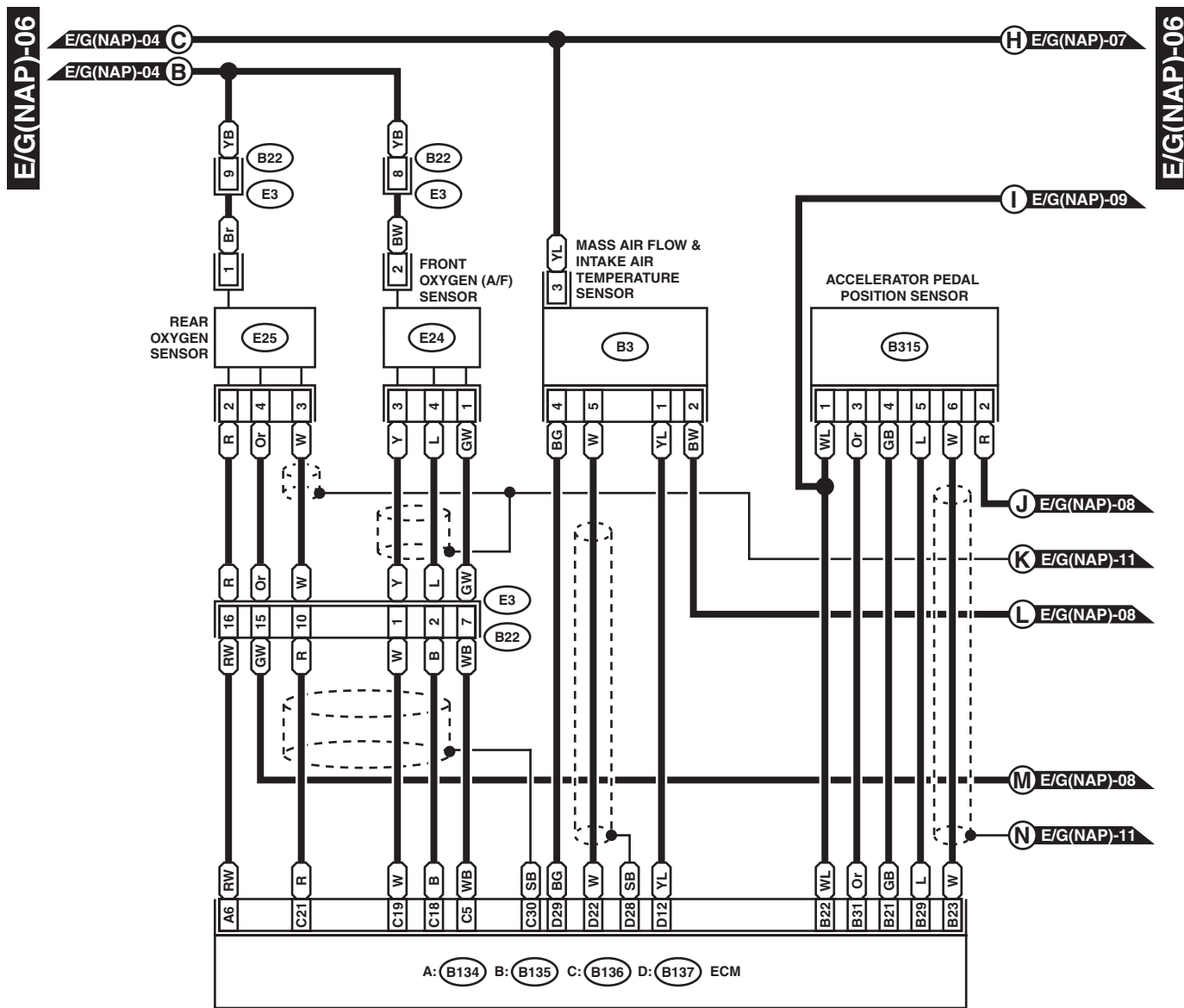
WIRING SYSTEM



WI-36233

Engine Electrical System

WIRING SYSTEM



E24 (LIGHT GRAY)



E25 (BLACK)



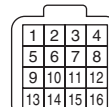
B3 (BLACK)



B315 (BLACK)



B22 (BROWN)



D: B137

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

A: B134

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

B: B135

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

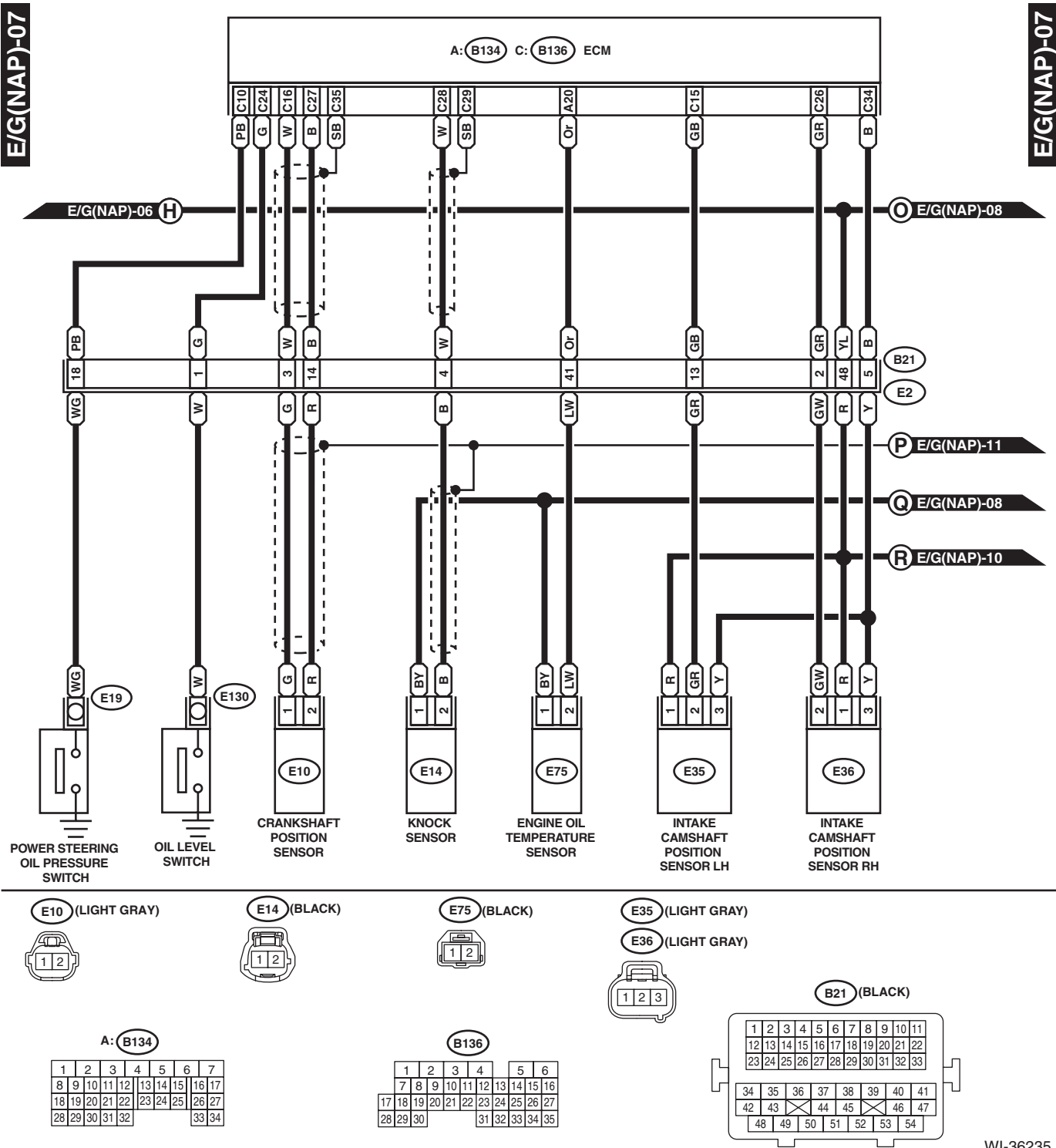
C: B136

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

WI-36234

Engine Electrical System

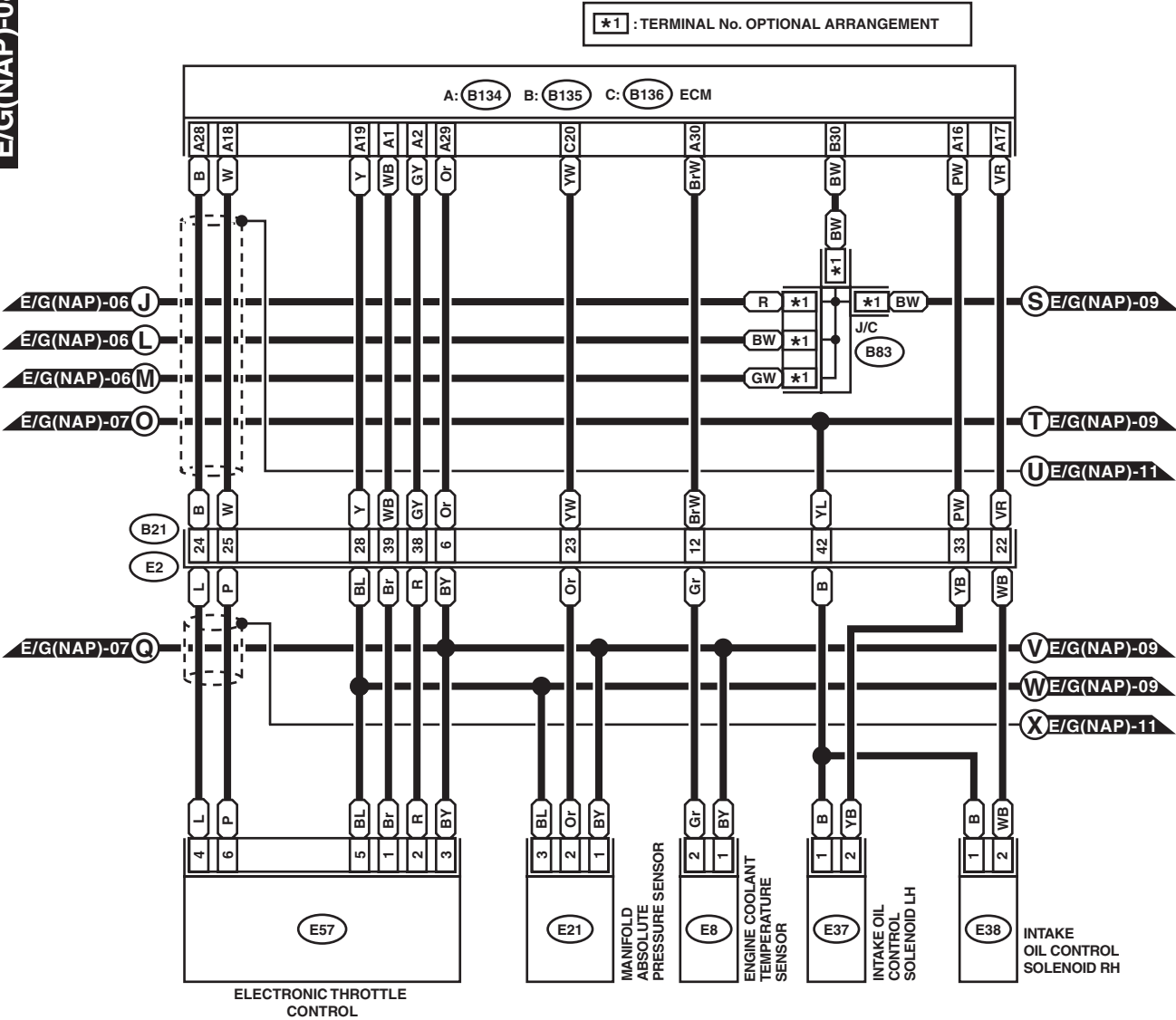
WIRING SYSTEM



WI-36235

E/G(NAP)-08

E/G(NAP)-08



E8 (BLACK)



E37 (BLACK)



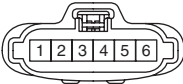
E21 (BLACK)



B83



E57 (BLACK)



A: (B134)

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

B: (B135)

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

C: (B136)

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

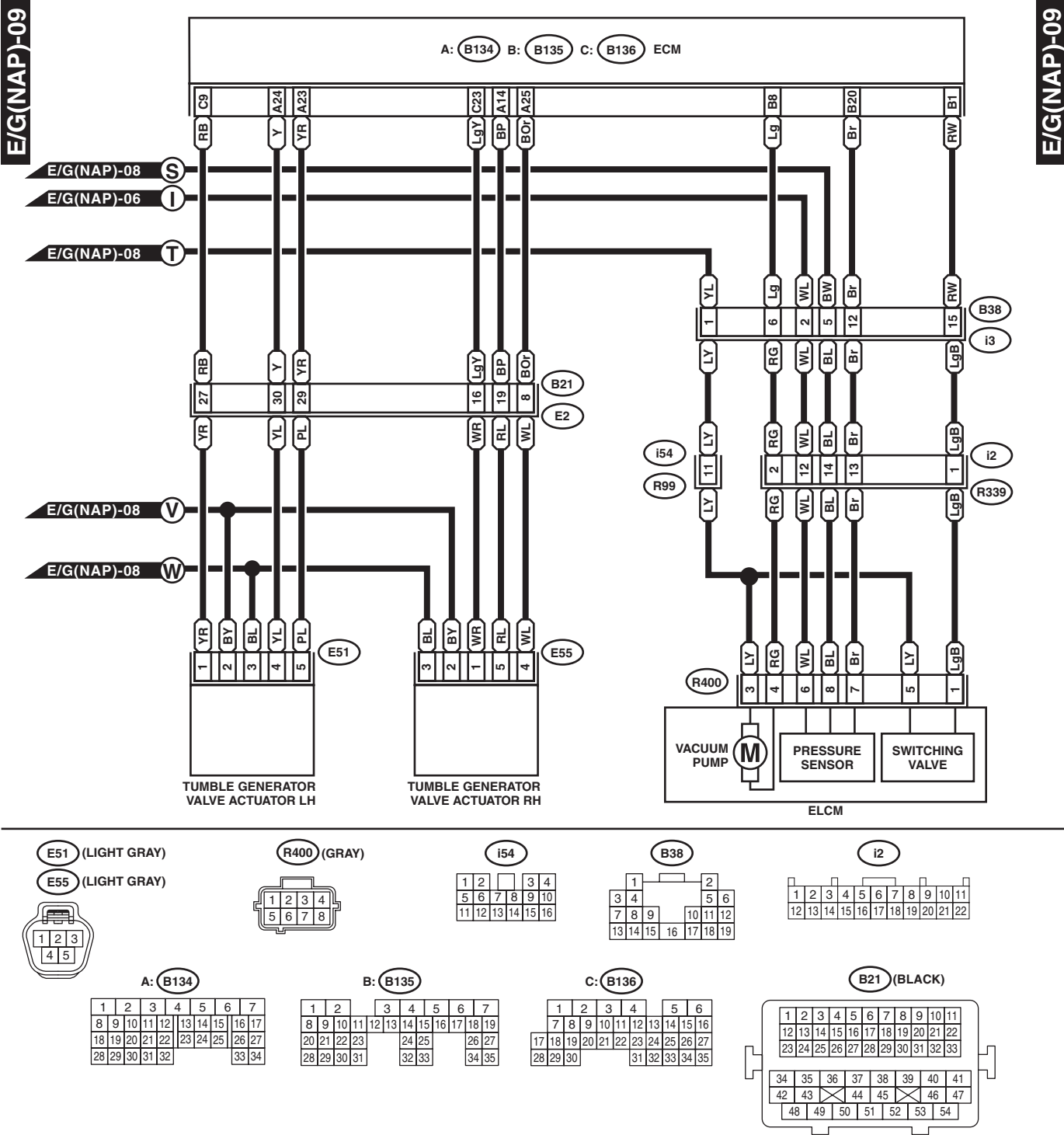
B21 (BLACK)

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

WI-36236

Engine Electrical System

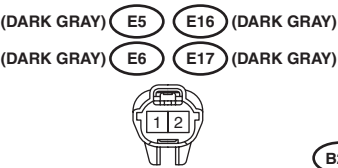
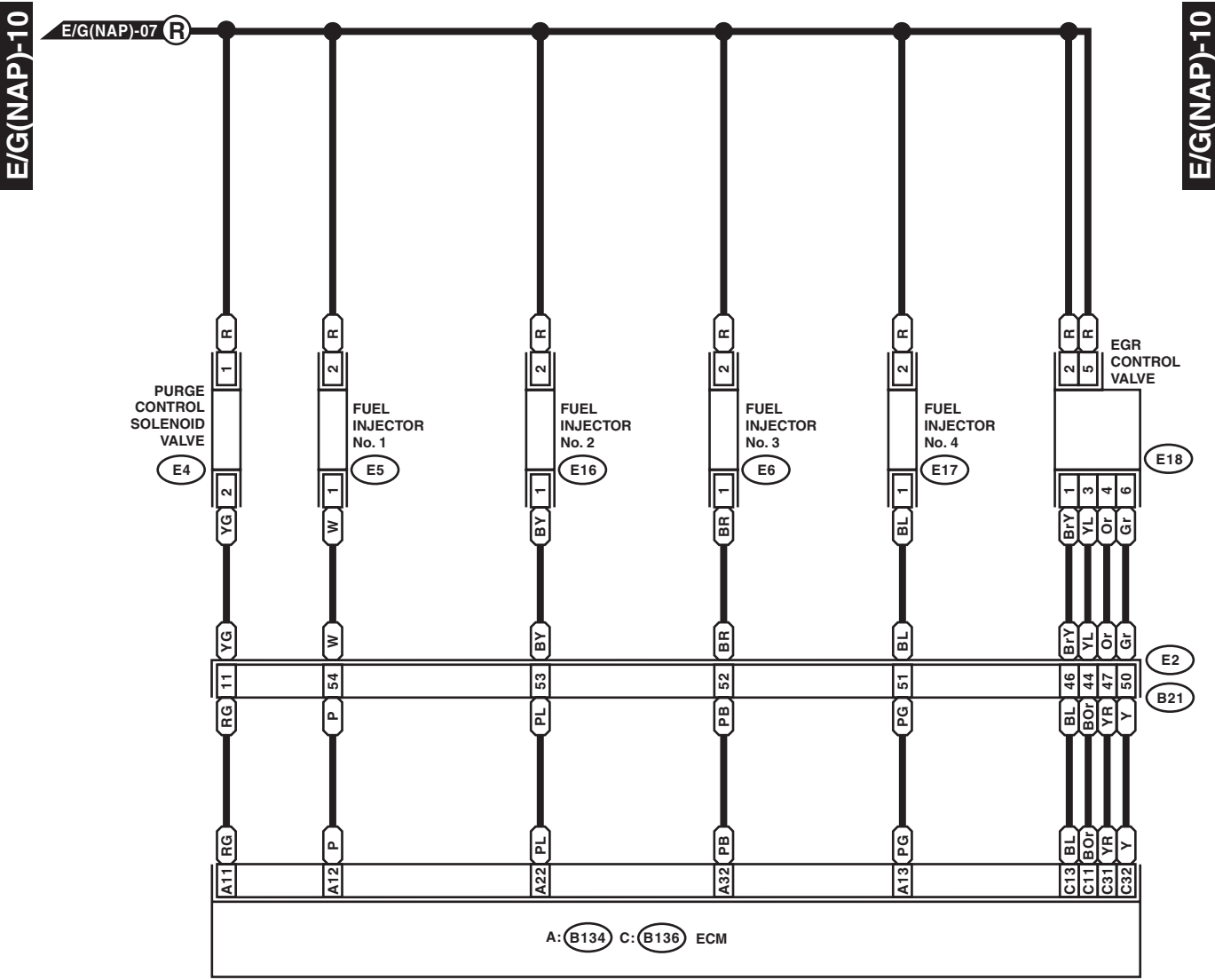
WIRING SYSTEM



WI-36237

Engine Electrical System

WIRING SYSTEM



A: B134

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

C: B136

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

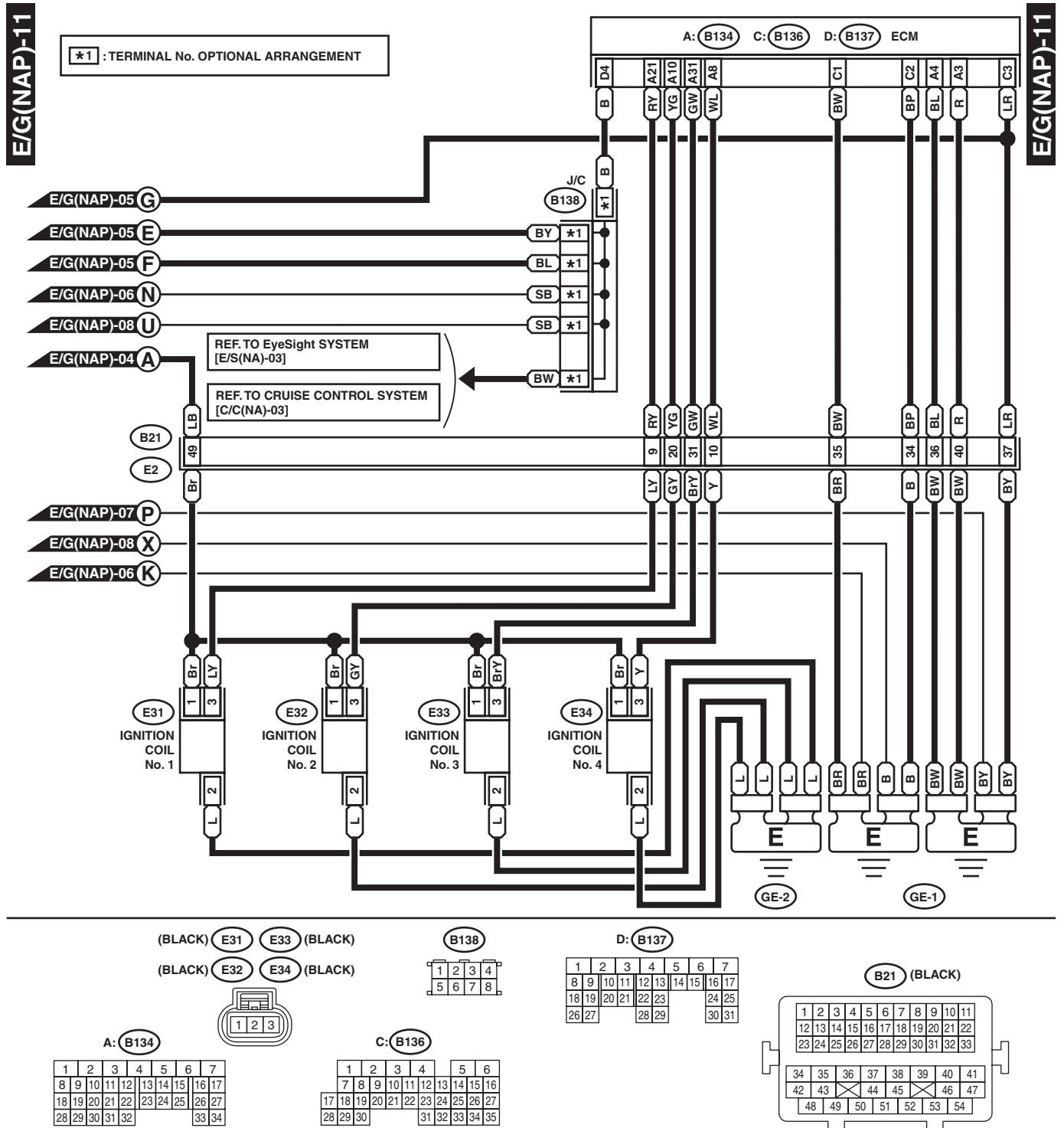
B21 (BLACK)

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

WI-36238

Engine Electrical System

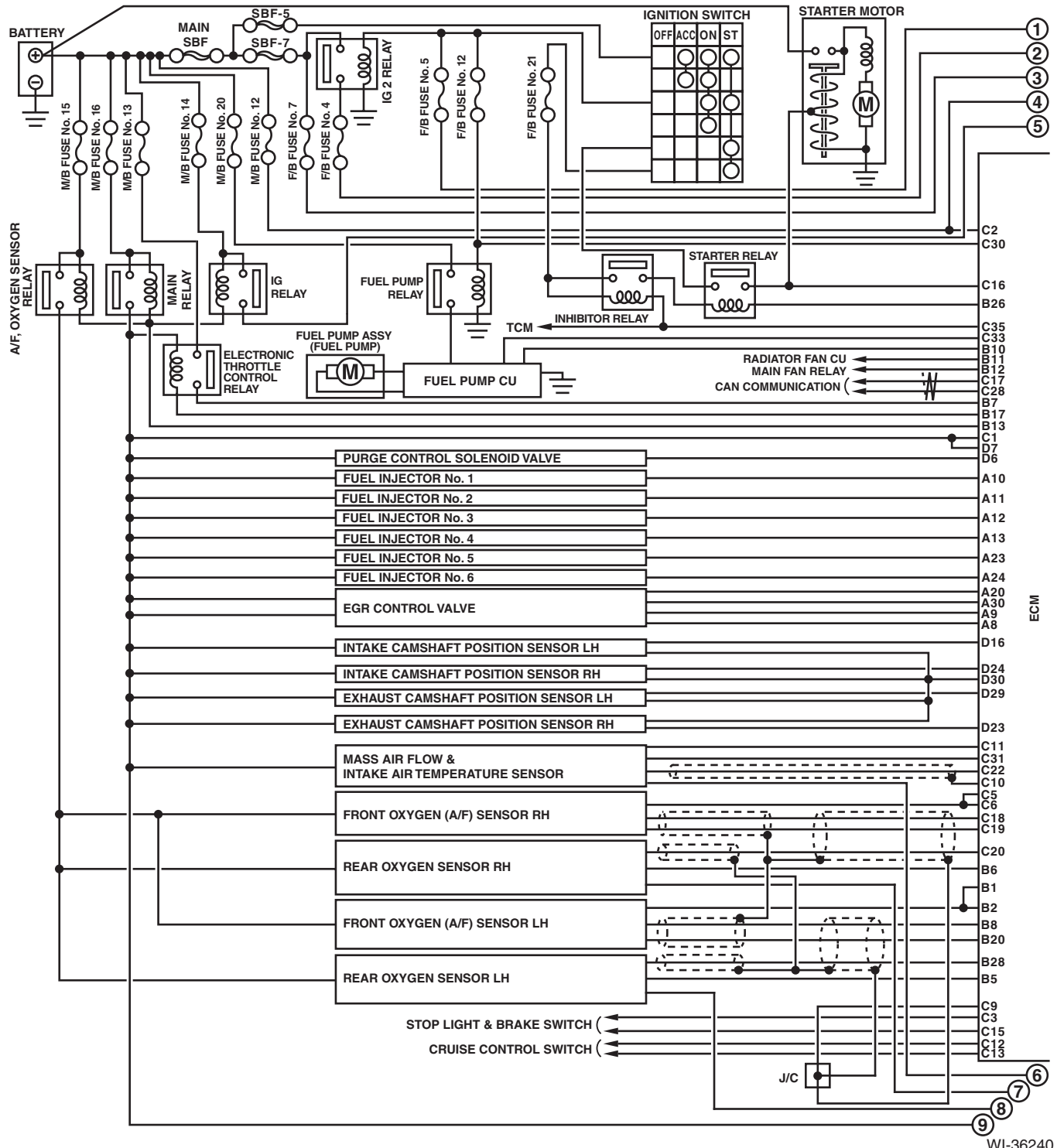
WIRING SYSTEM



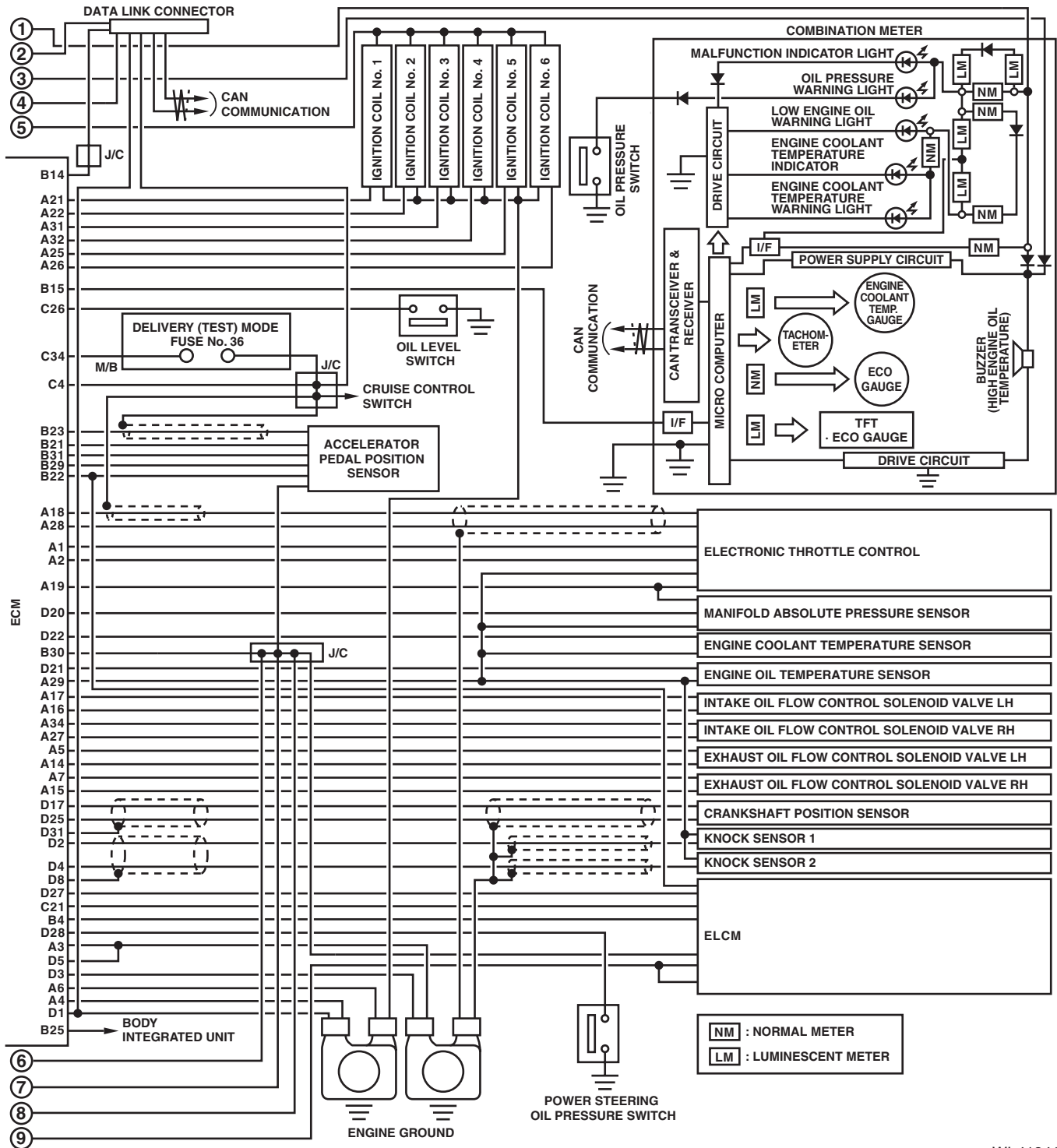
Engine Electrical System

WIRING SYSTEM

3. 3.6 L MODEL (WITHOUT PUSH BUTTON START)



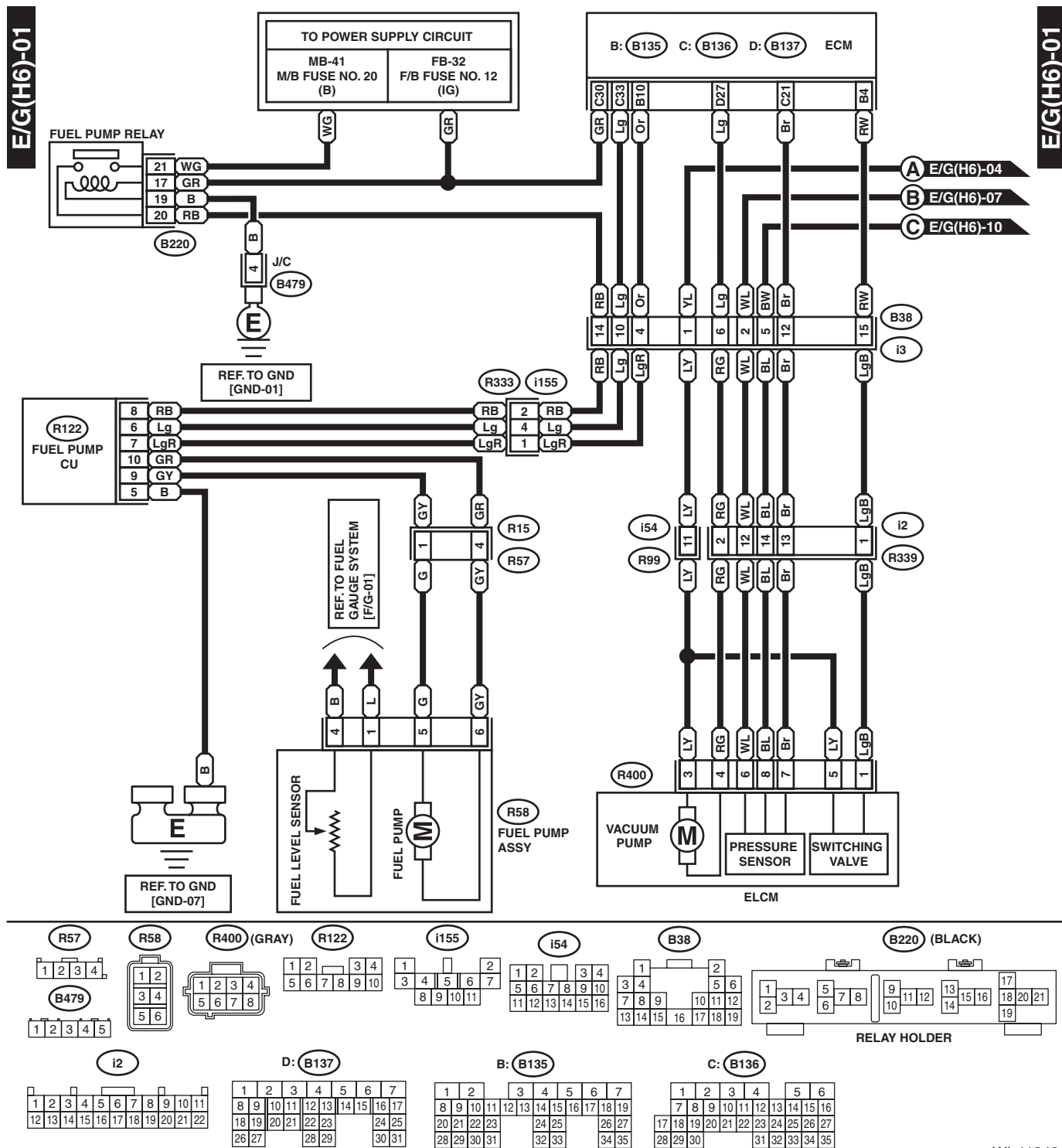
WI-36240

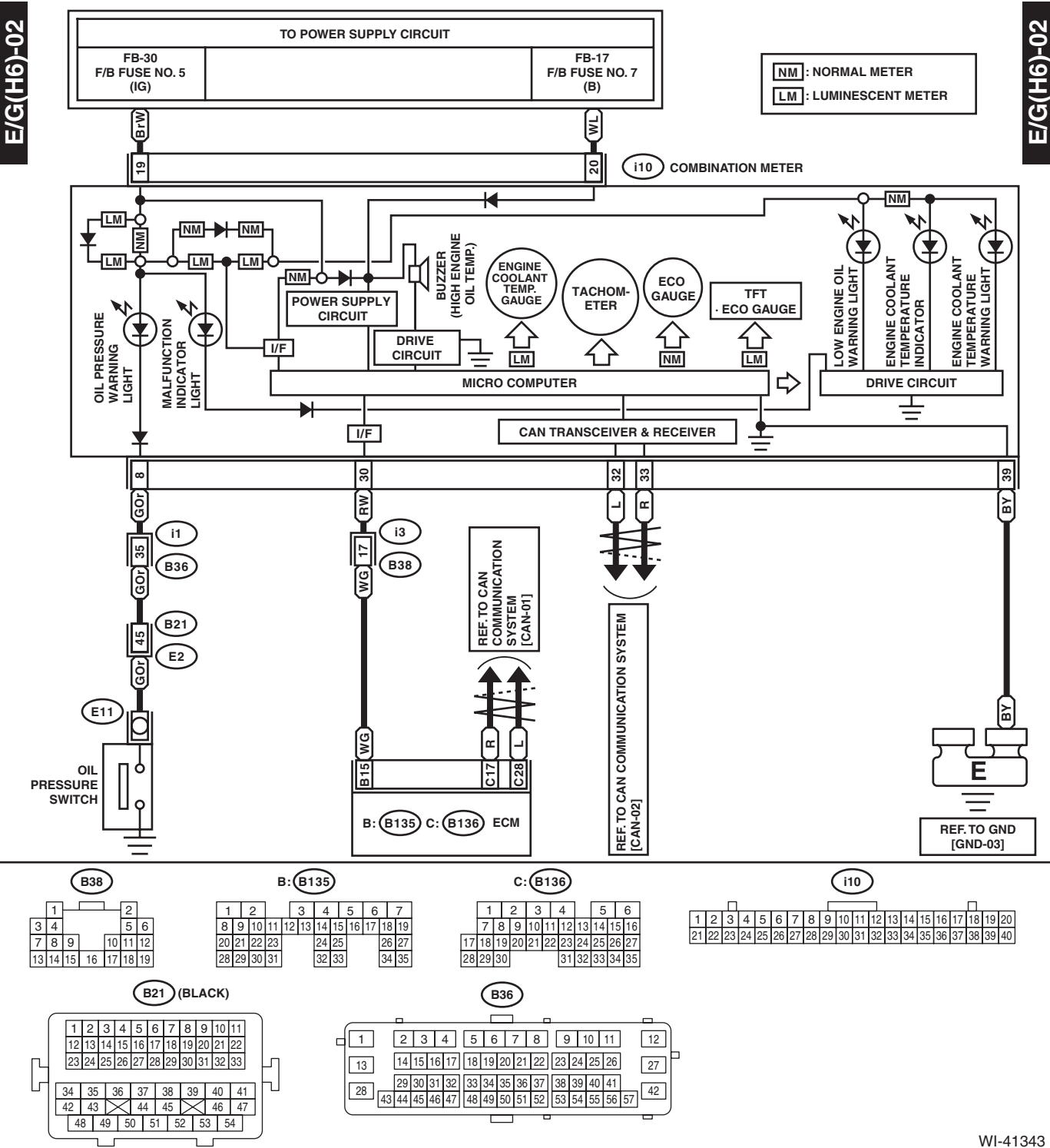


WI-41341

Engine Electrical System

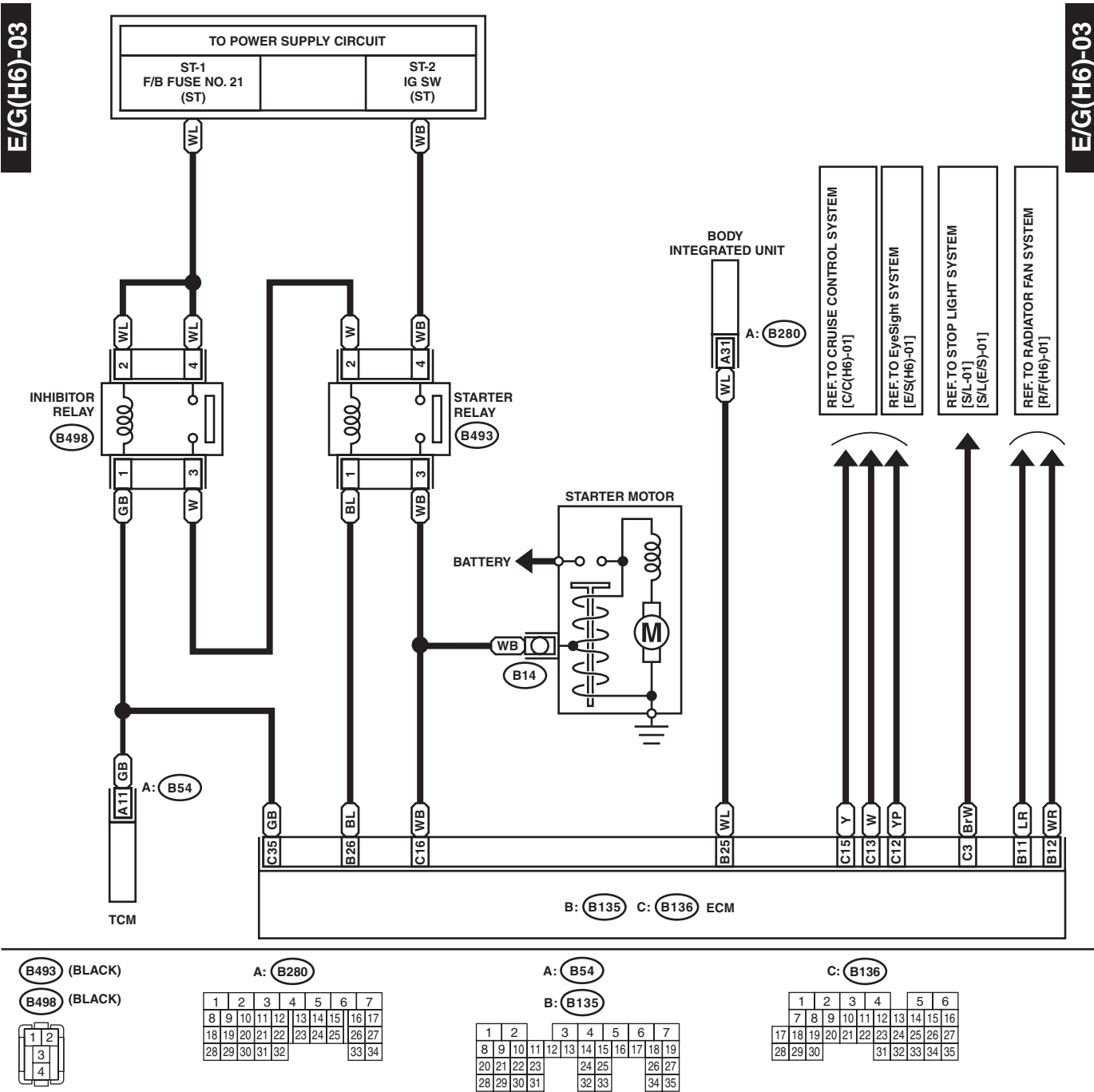
WIRING SYSTEM





Engine Electrical System

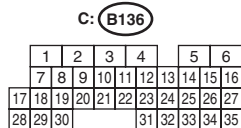
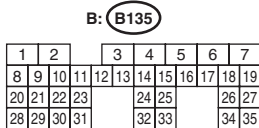
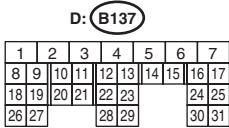
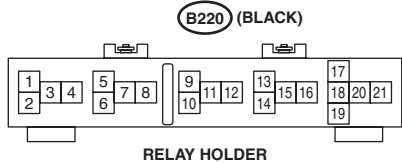
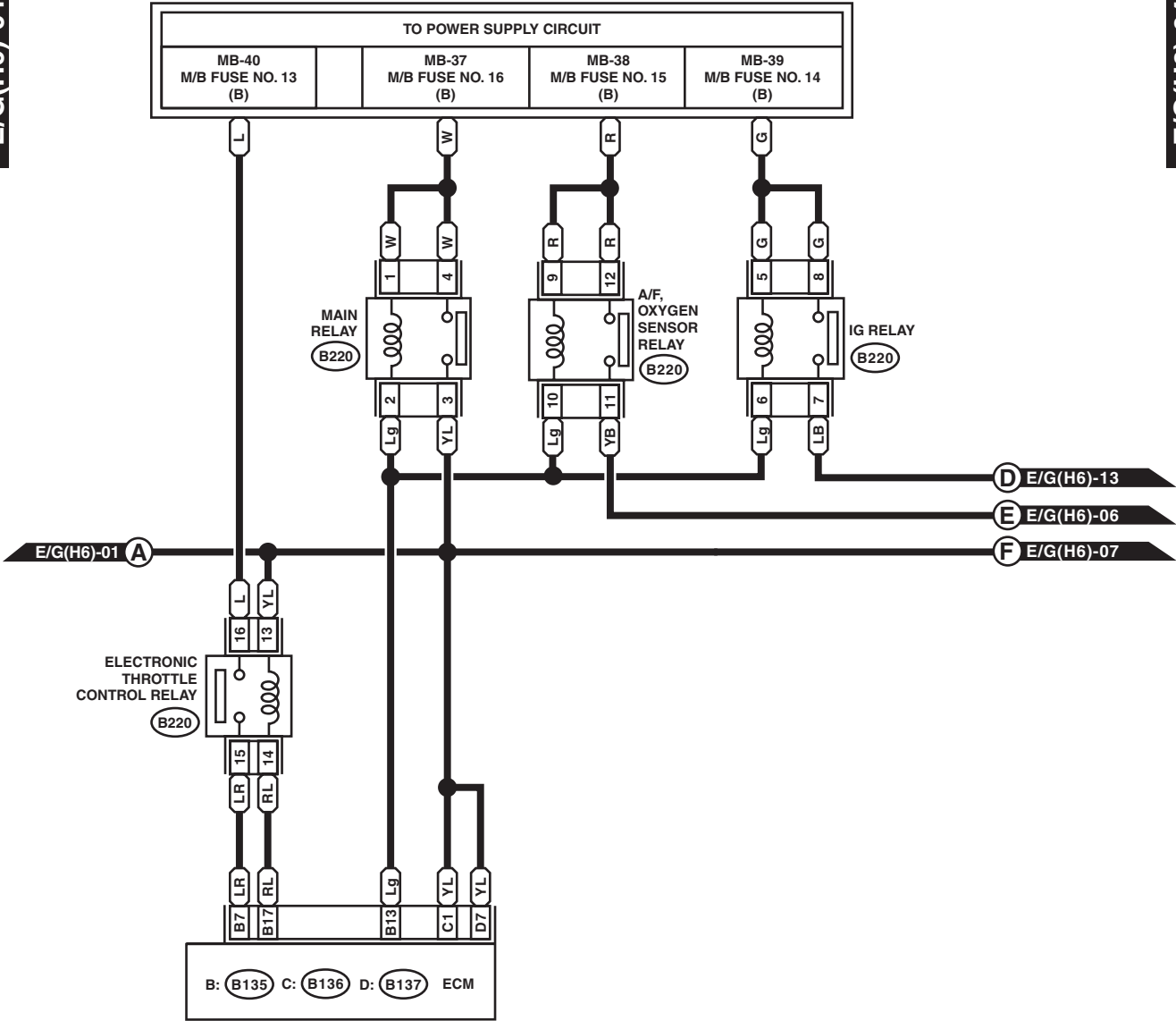
WIRING SYSTEM



WI-36244

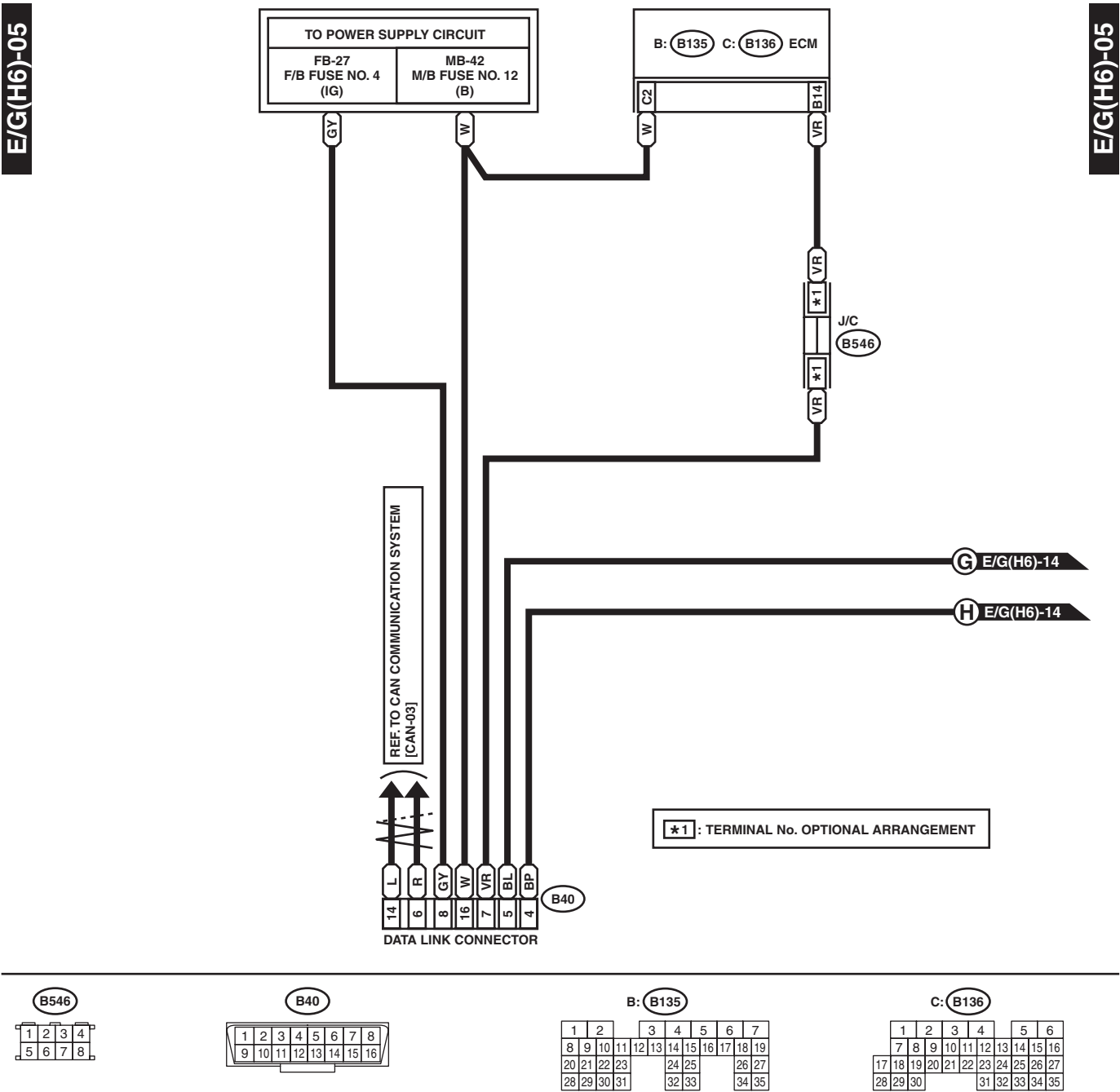
E/G(H6)-04

E/G(H6)-04



Engine Electrical System

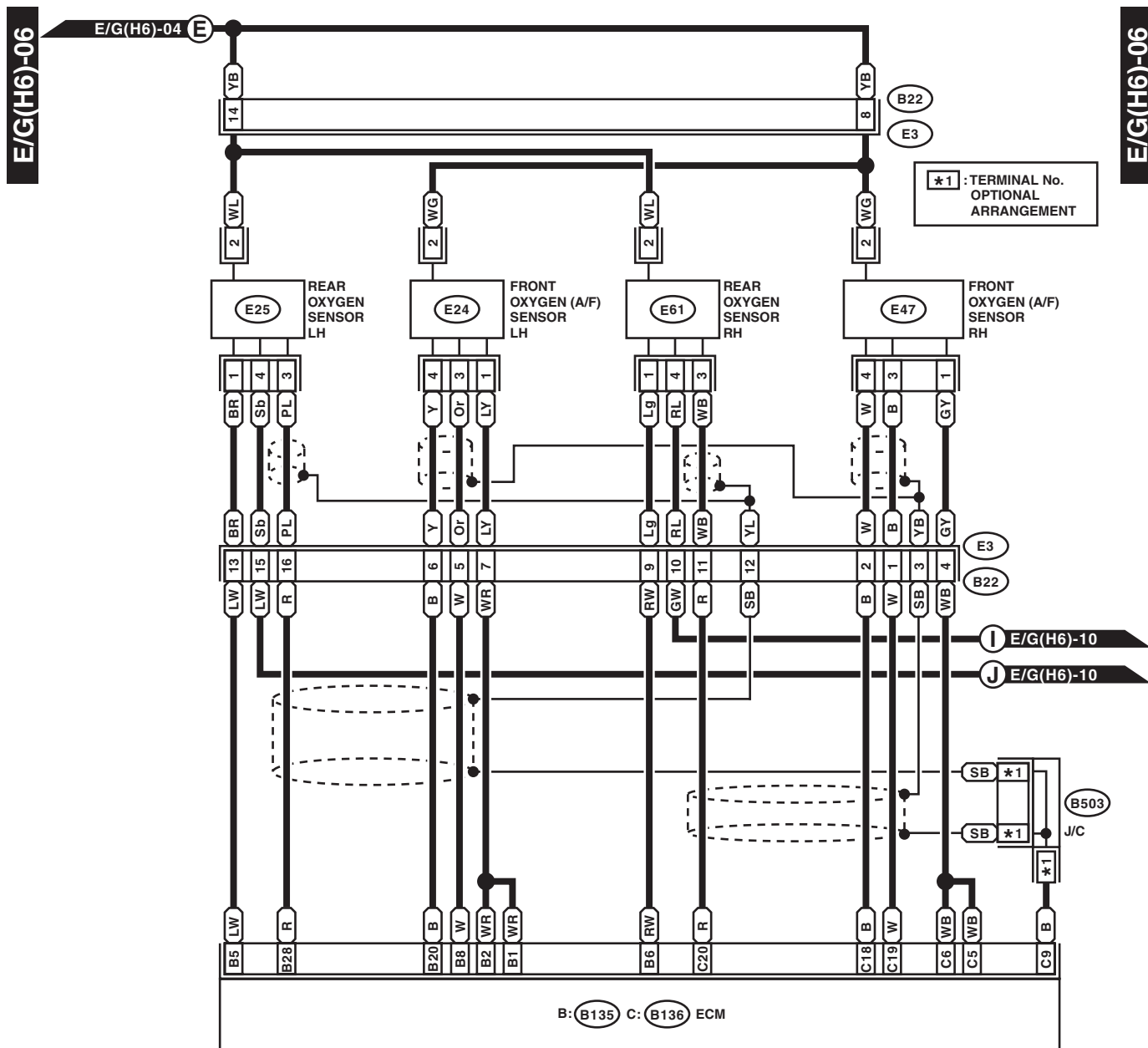
WIRING SYSTEM



WI-36246

Engine Electrical System

WIRING SYSTEM



E24 (LIGHT GRAY)

E25 (DARK GRAY)

B503

B22 (BROWN)

B: (B135)

C: (B136)

E47 (LIGHT GRAY)

E61 (DARK GRAY)

1	2	3
4	5	6

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

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

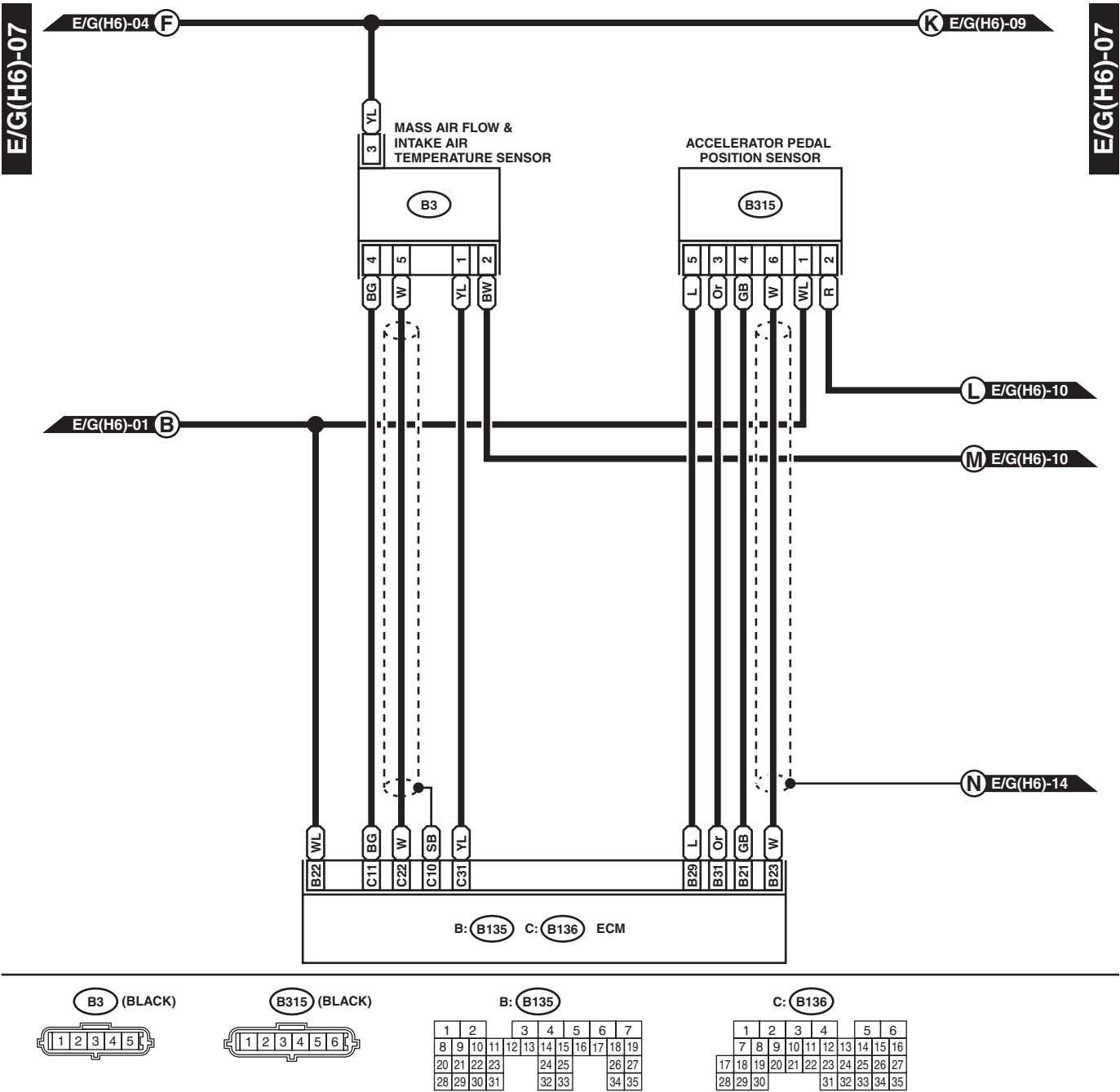
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	



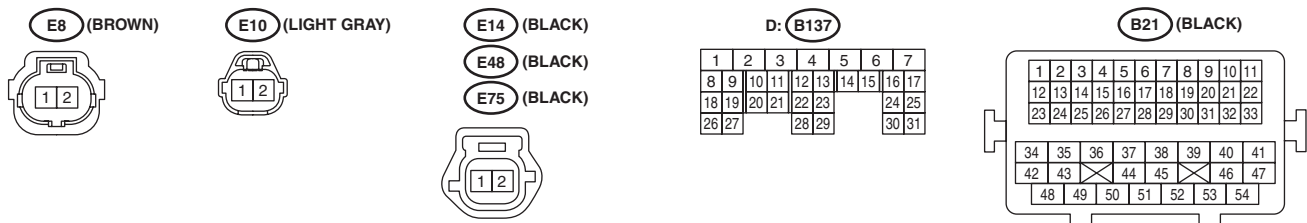
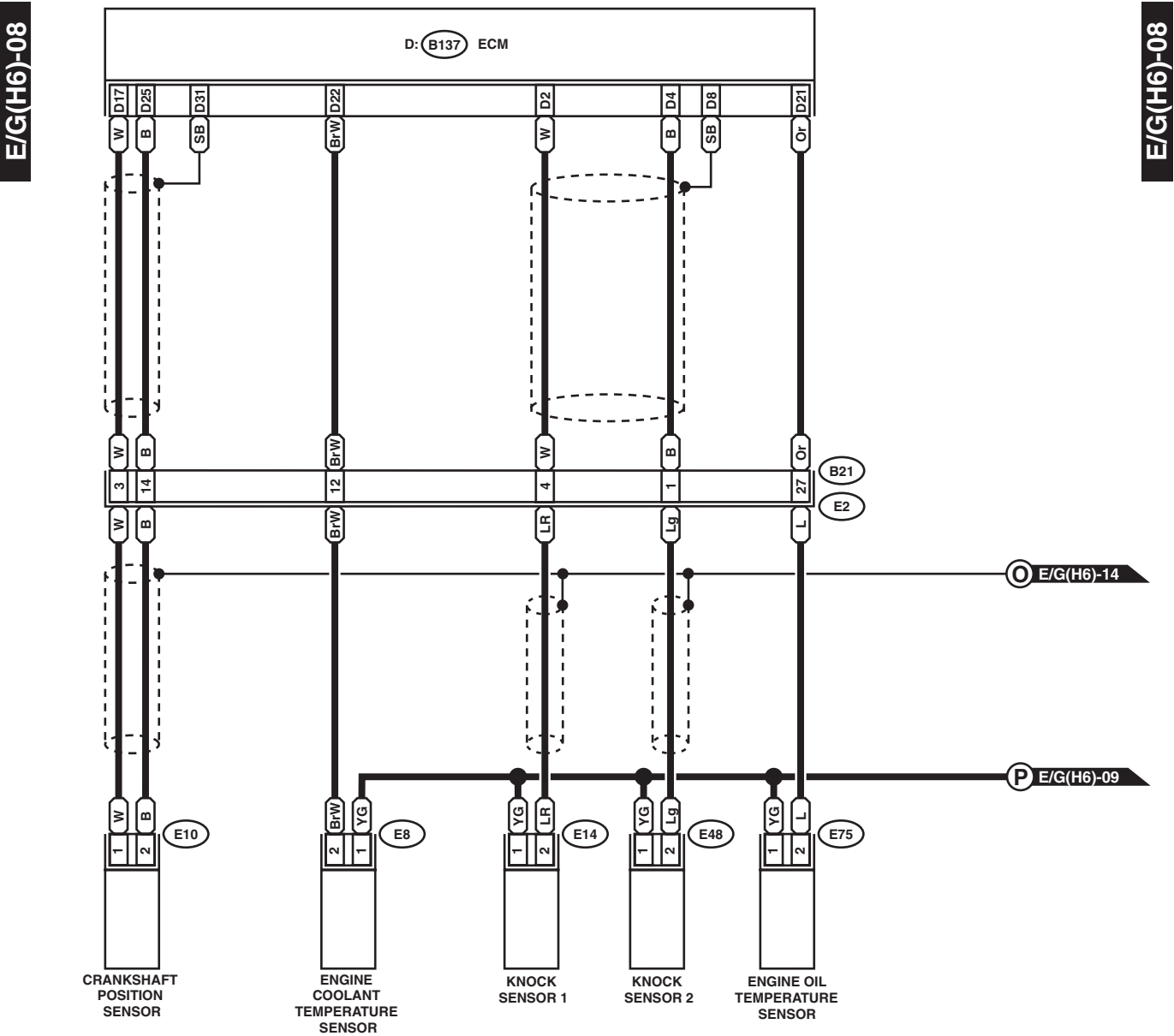
WI-36247

Engine Electrical System

WIRING SYSTEM



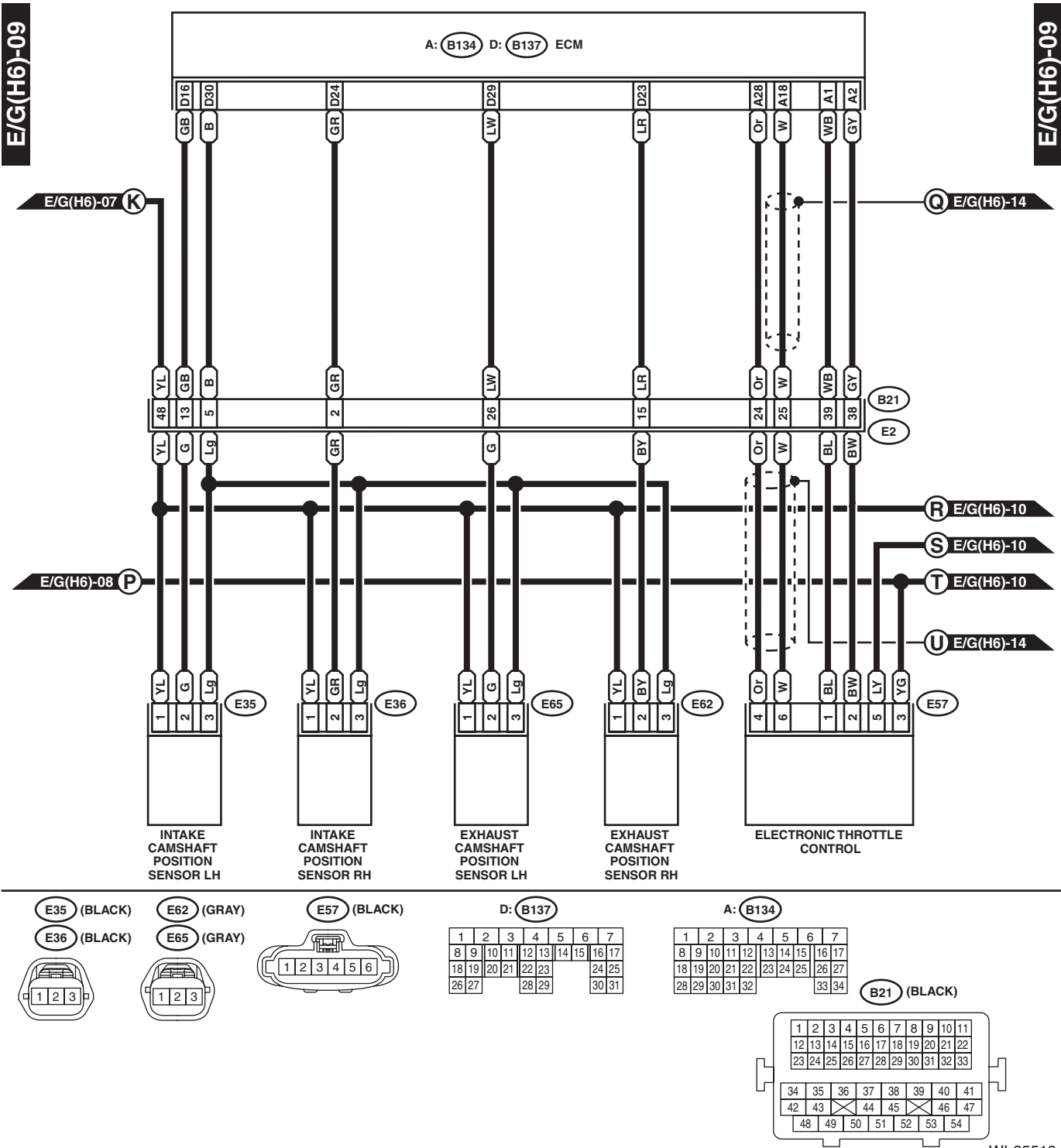
WI-36248



WI-36249

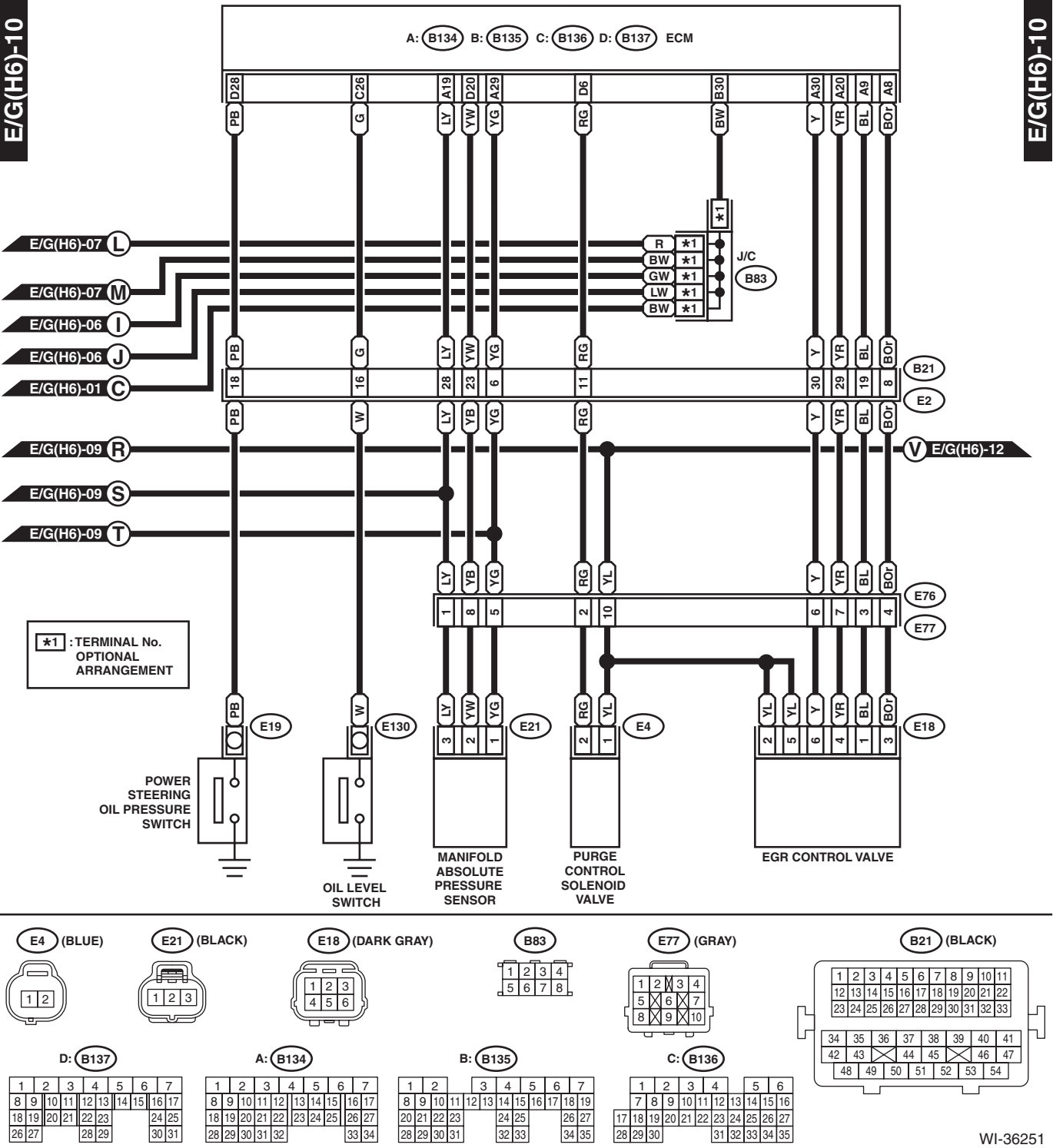
Engine Electrical System

WIRING SYSTEM



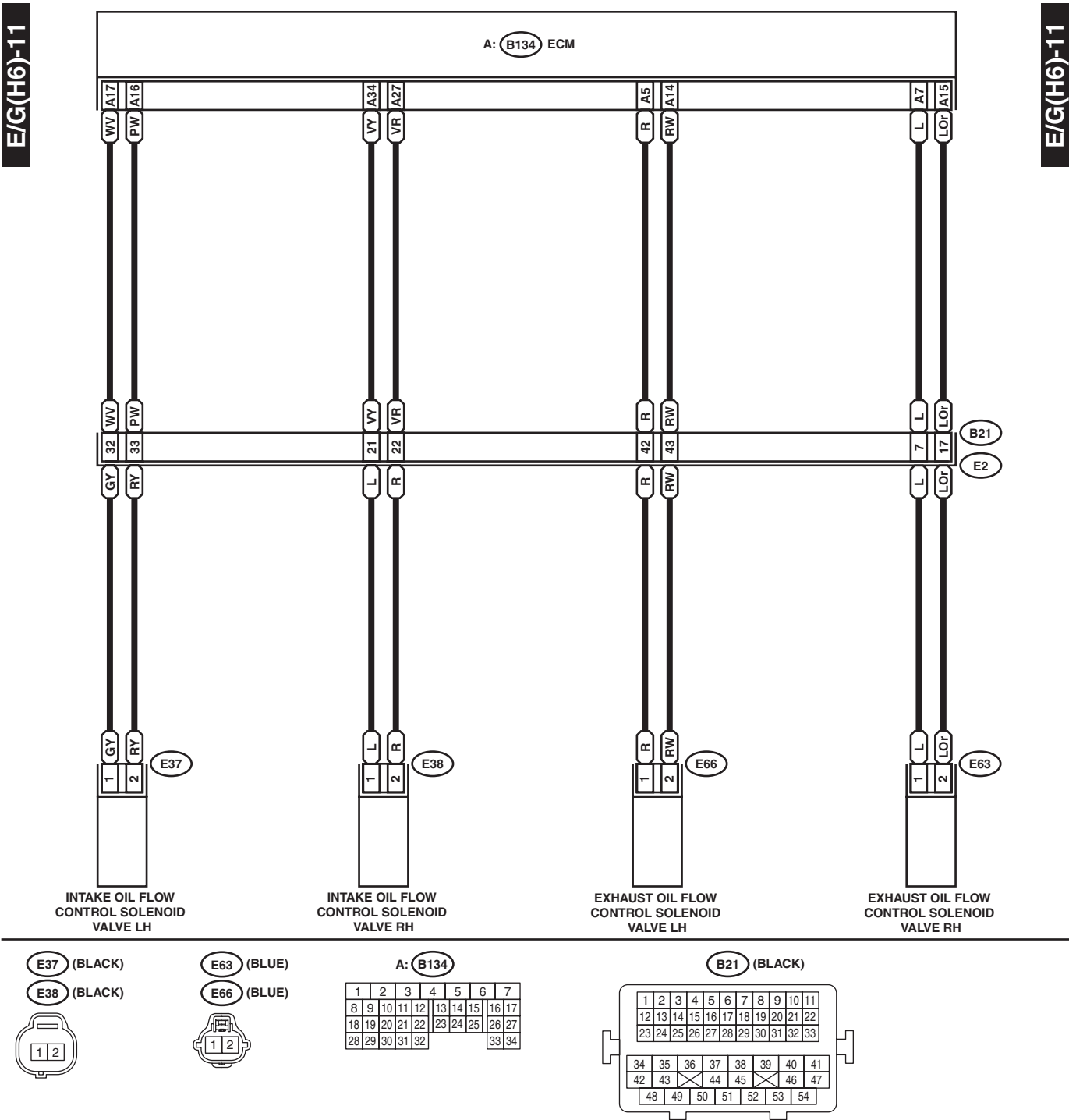
Engine Electrical System

WIRING SYSTEM



Engine Electrical System

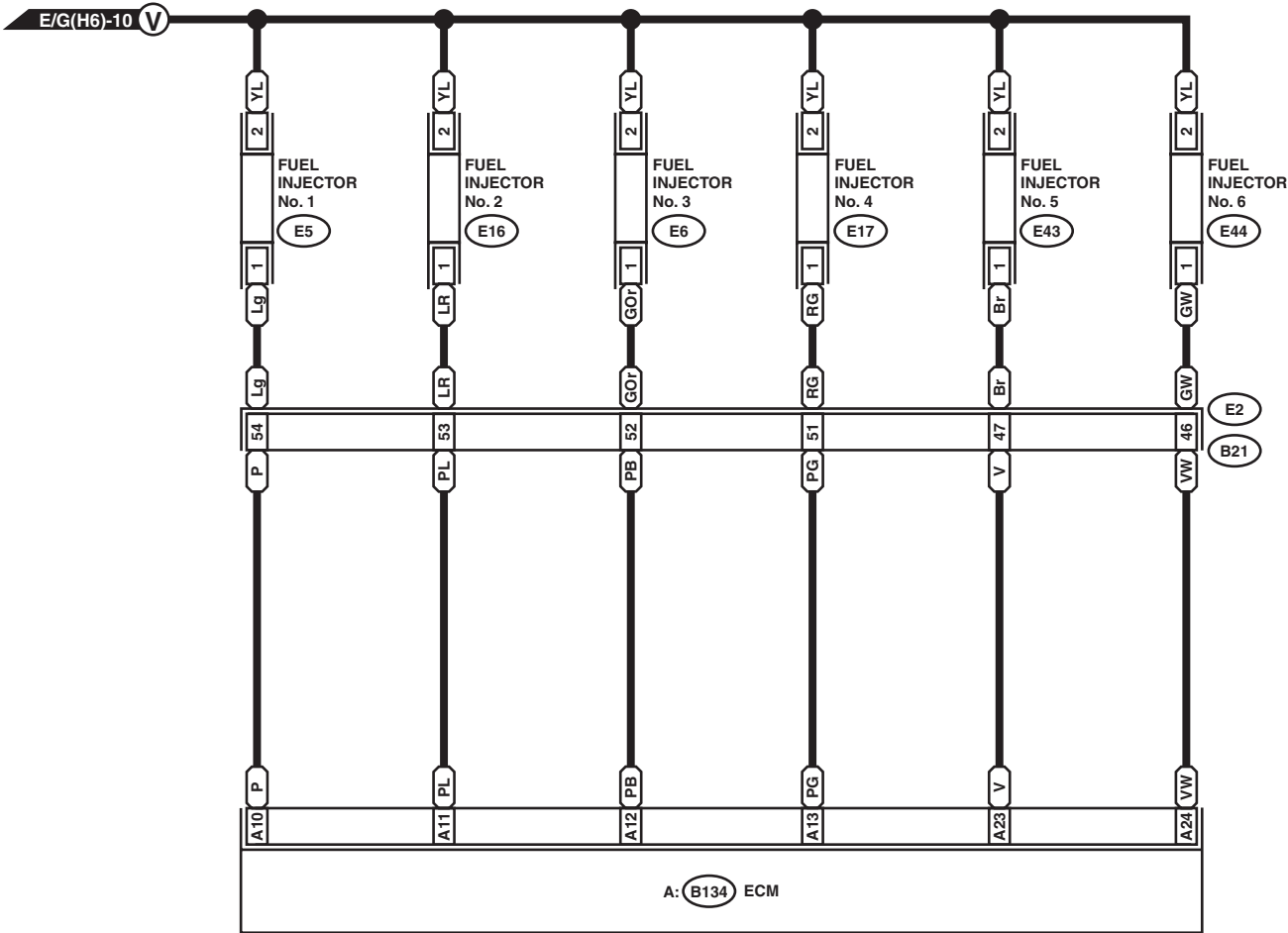
WIRING SYSTEM



WI-25521

E/G(H6)-12

E/G(H6)-12



(DARK GRAY) E5 E17 (DARK GRAY)
(DARK GRAY) E6 E43 (DARK GRAY)
(DARK GRAY) E16 E44 (DARK GRAY)



A: B134

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

B21 (BLACK)

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

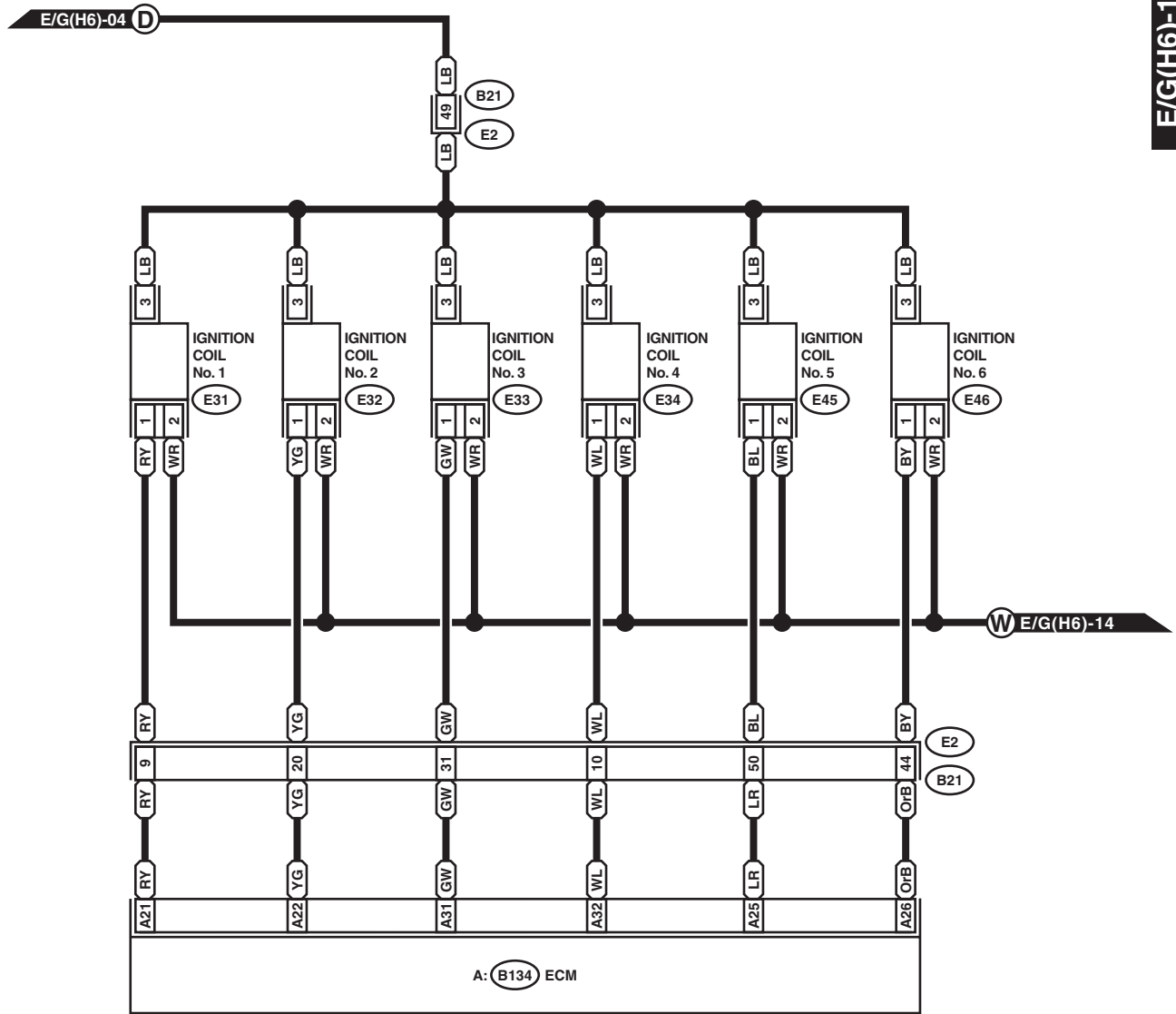
WI-25522

WIRING SYSTEM

WIRING SYSTEM

E/G(H6)-13

E/G(H6)-13



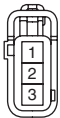
W E/G(H6)-14

A: **B134** ECM

(GRAY) **E31** **E34** (GRAY)
(GRAY) **E32** **E45** (GRAY)
(GRAY) **E33** **E46** (GRAY)

(GRAY) **E32** **E45** (GRAY)

(GRAY) **E33** **E46** (GRAY)



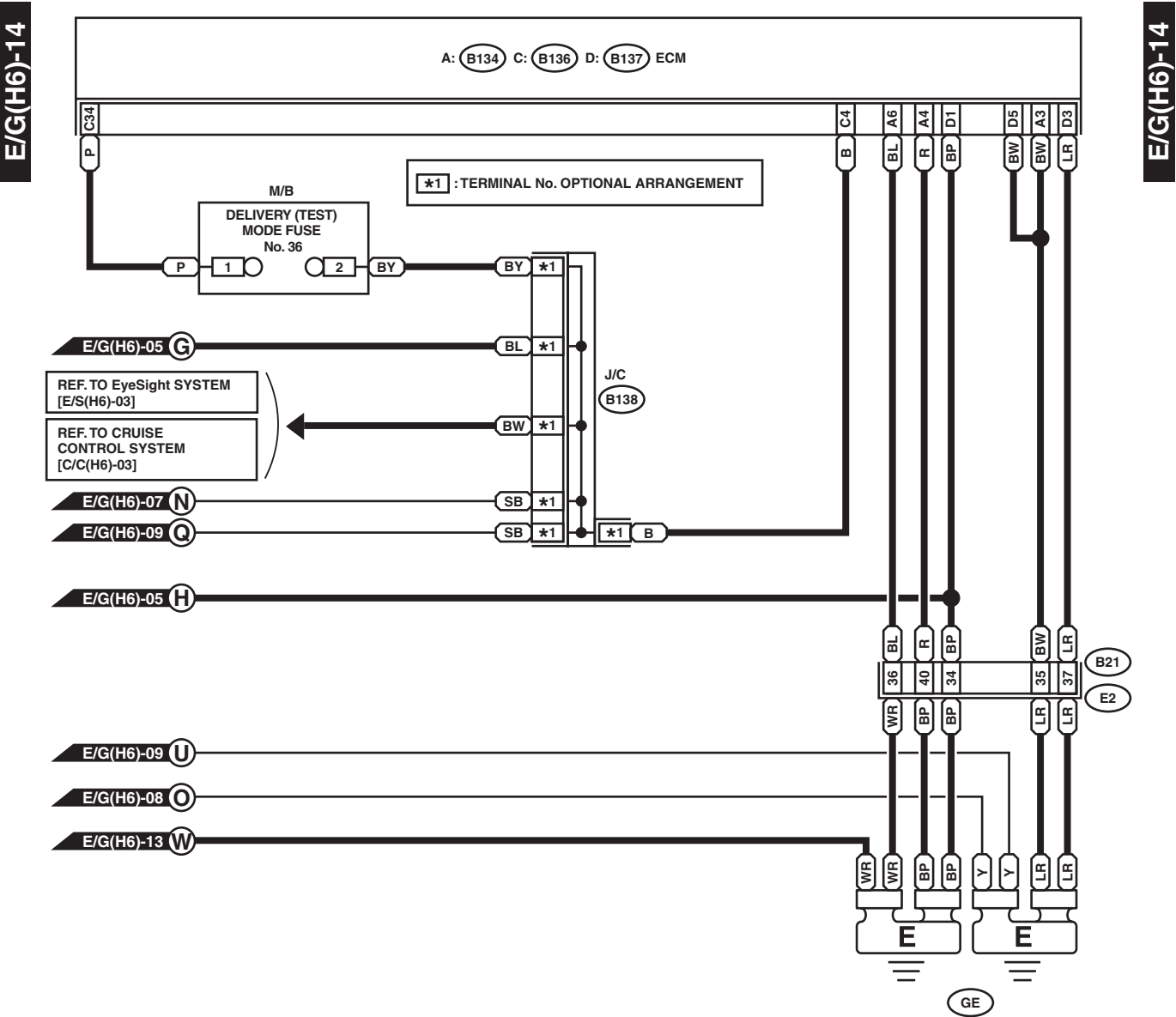
A: (B134)

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

B21 (BLACK)

The diagram shows a 3x11 grid of numbers 1 through 33. Below it is a 3x7 grid of numbers 34 through 47. The cells containing 36 and 46 in the 3x7 grid are crossed out with an 'X'. A bracket on the left side of the 3x7 grid indicates it is a subset of the 3x11 grid.

WI-36253



(B138)

1	2	3
4	5	6

D: (B137)

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

A: (B134)

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

C: (B136)

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

(B21) (BLACK)

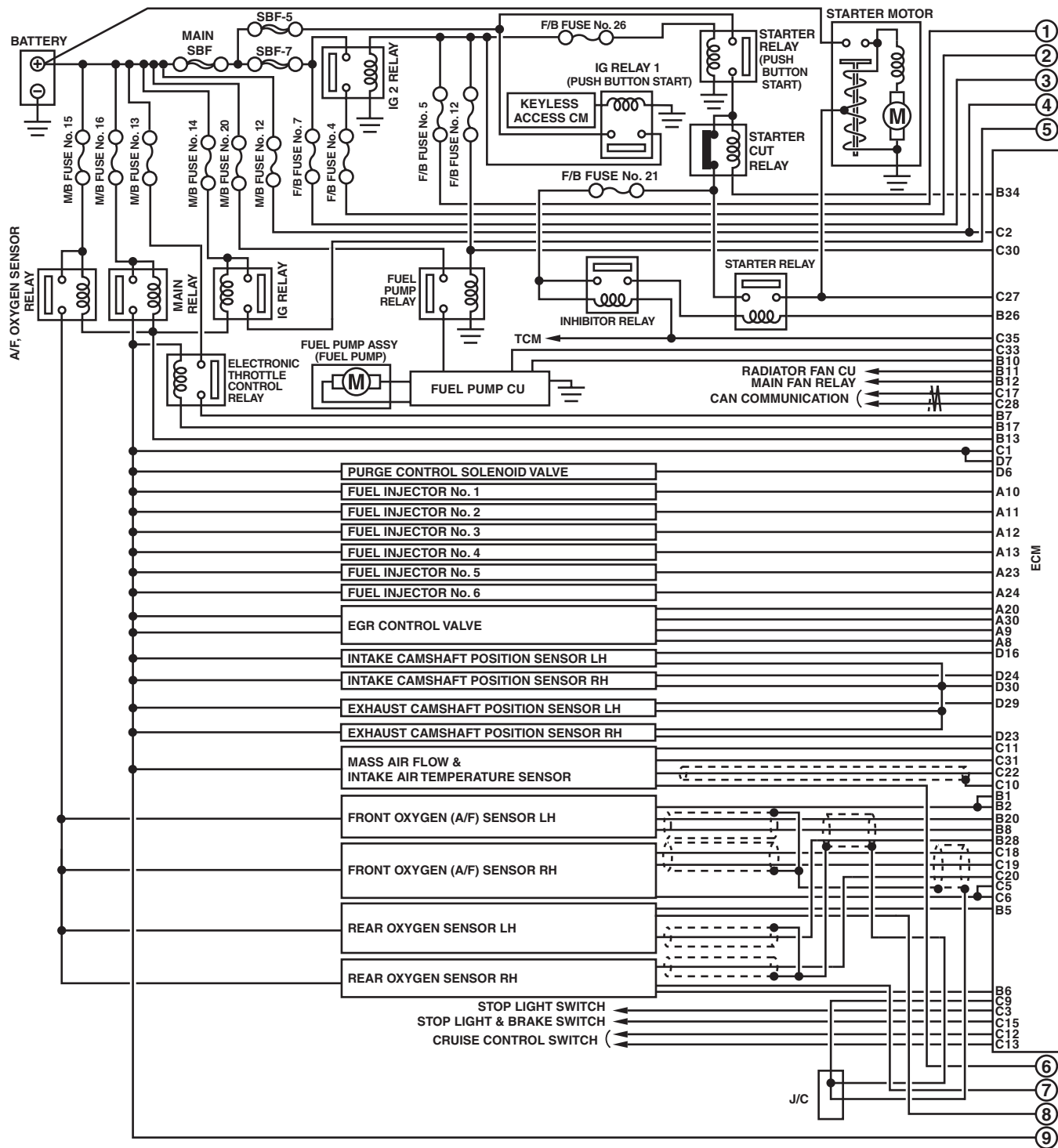
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41	42	43	44
45	46	47	48	49	50	51	52	53	54	55

WI-36254

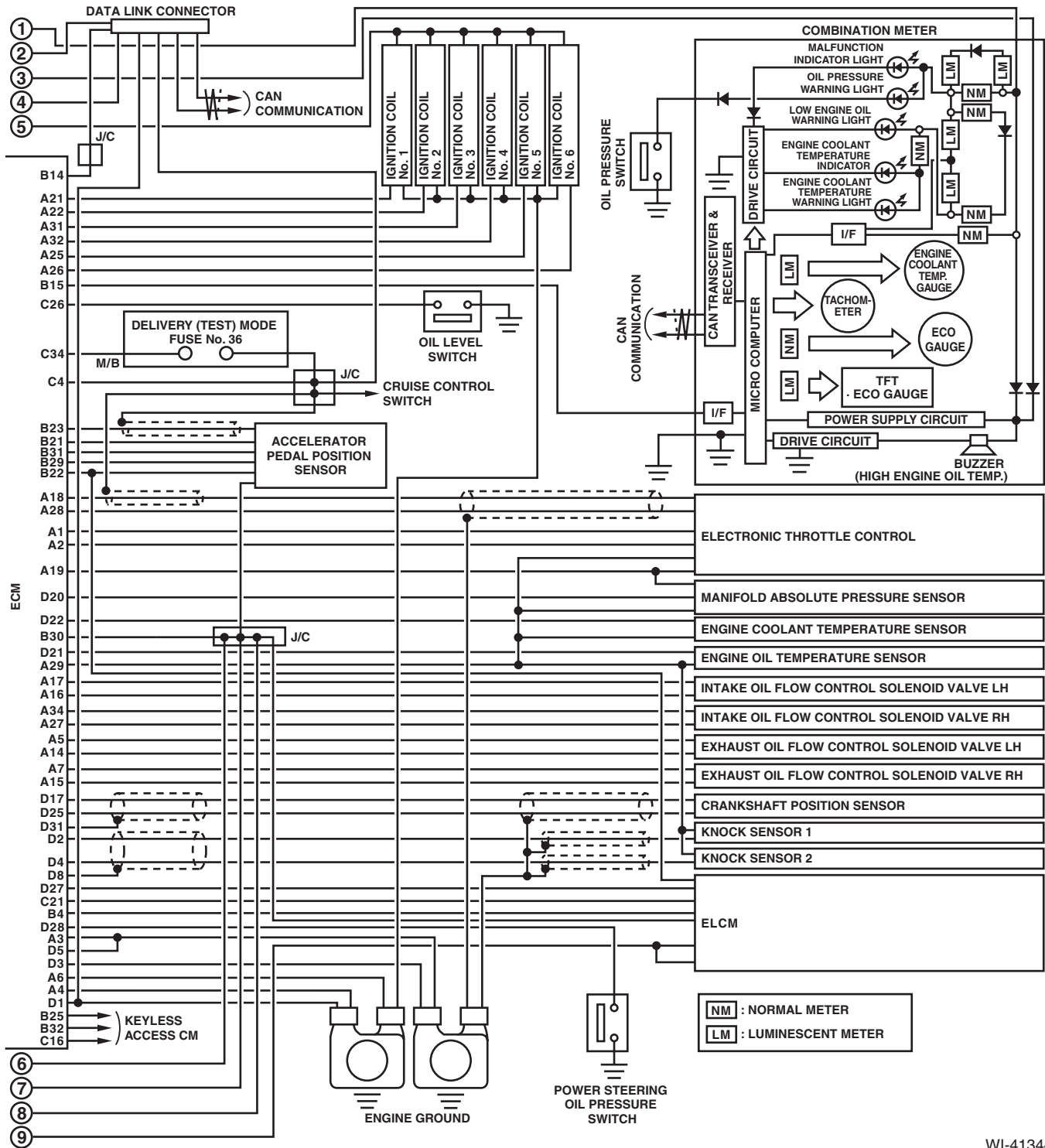
Engine Electrical System

WIRING SYSTEM

4. 3.6 L MODEL (WITH PUSH BUTTON START)



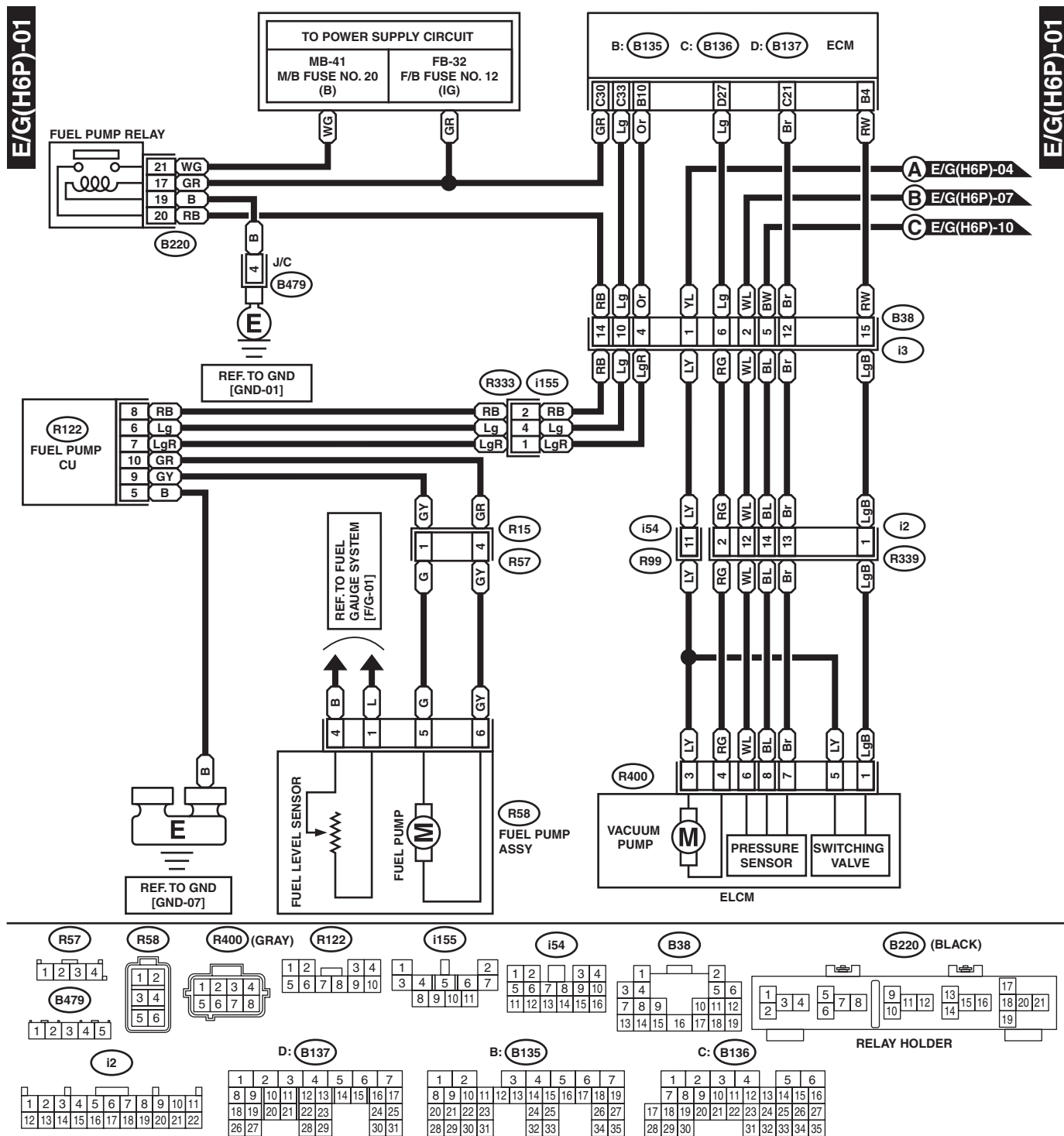
WI-36255



WI-41344

Engine Electrical System

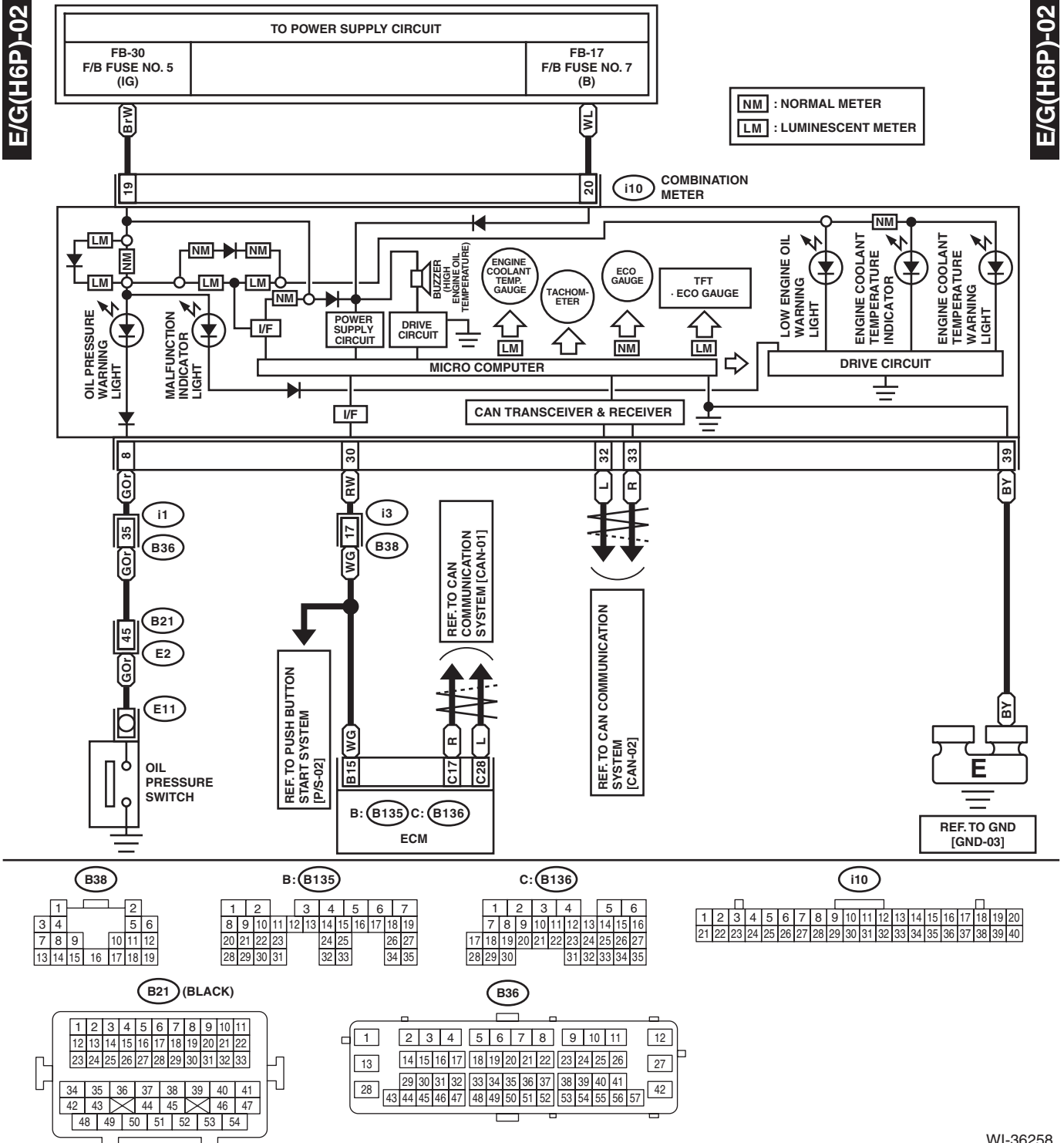
WIRING SYSTEM



WI-41345

Engine Electrical System

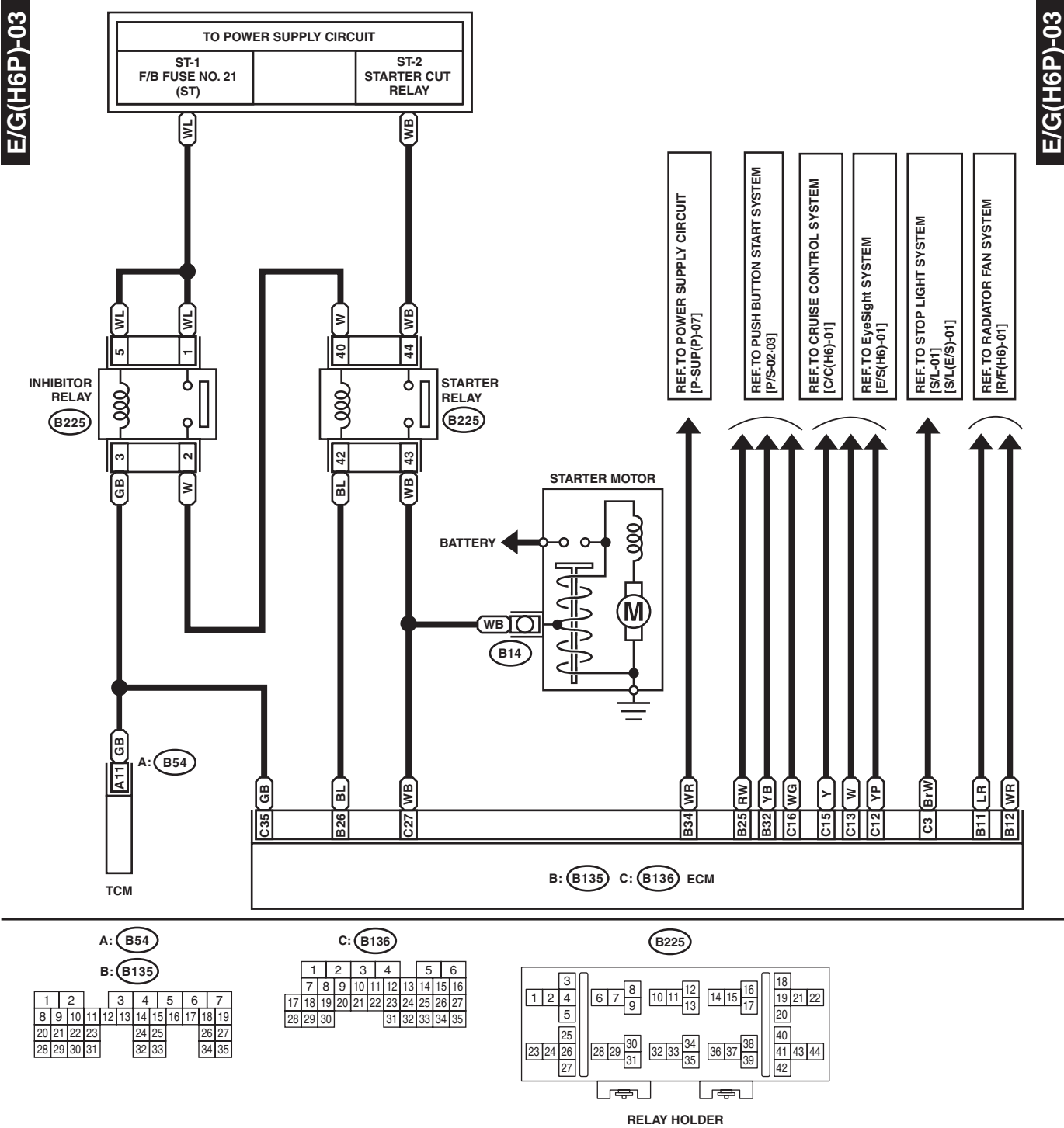
WIRING SYSTEM



WI-36258

Engine Electrical System

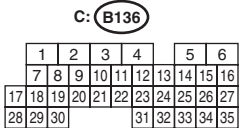
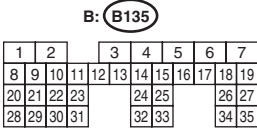
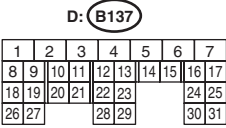
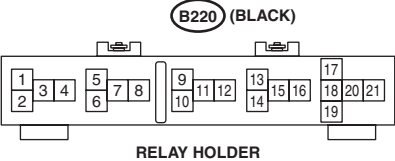
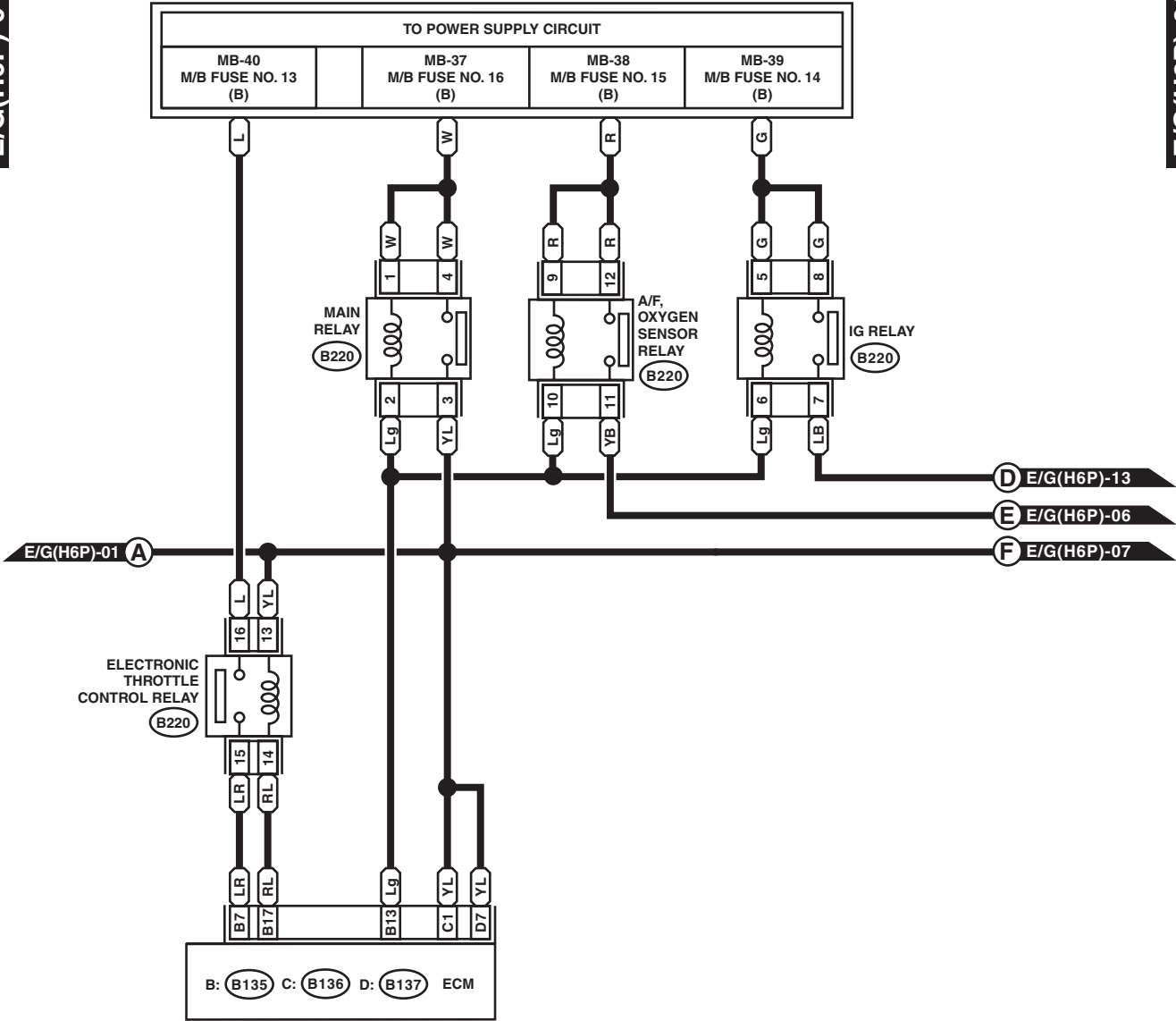
WIRING SYSTEM



WI-36259

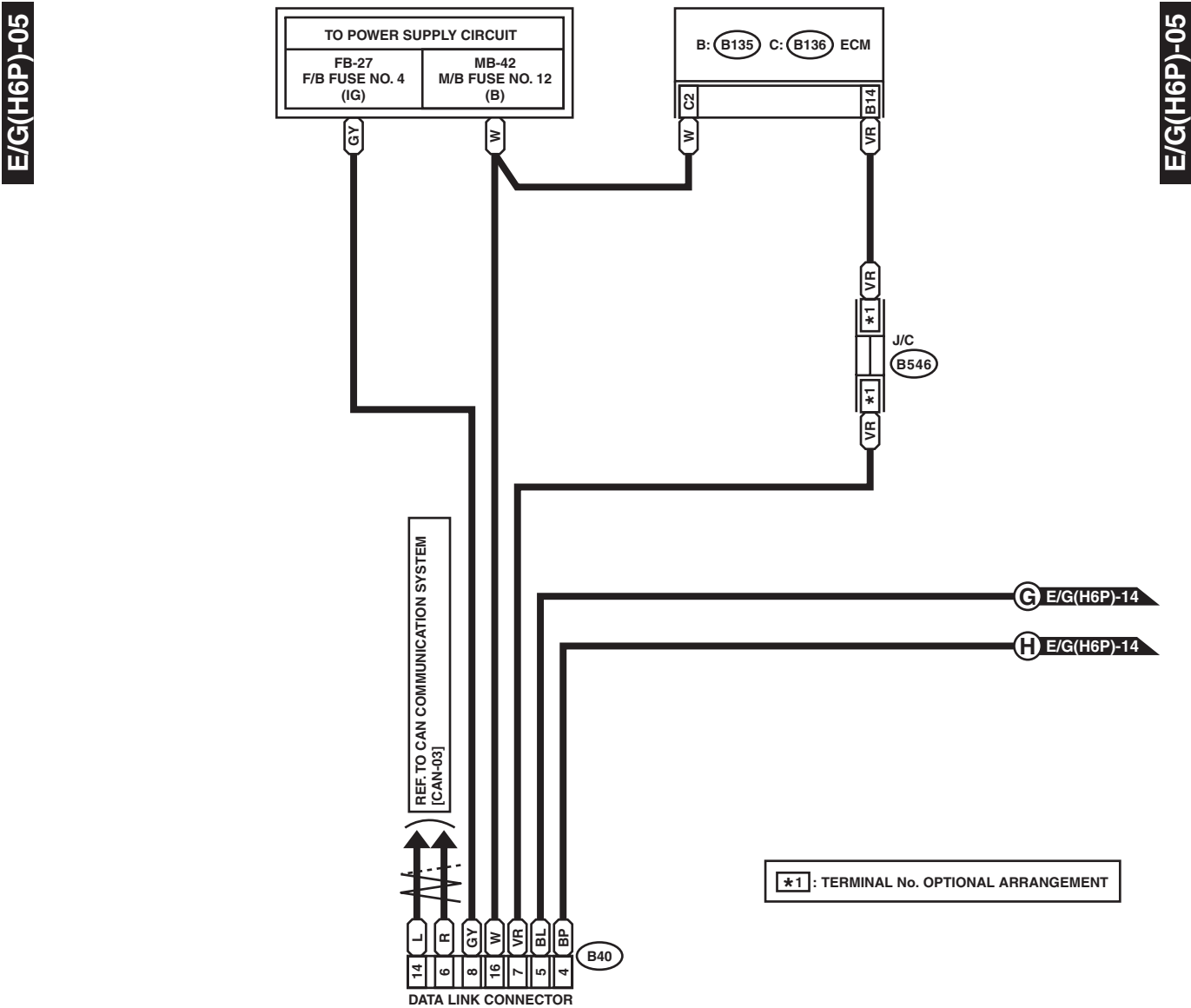
E/G(H6P)-04

E/G(H6P)-04



Engine Electrical System

WIRING SYSTEM



B546

1	2	3	4
5	6	7	8

B40

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

B: B135

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

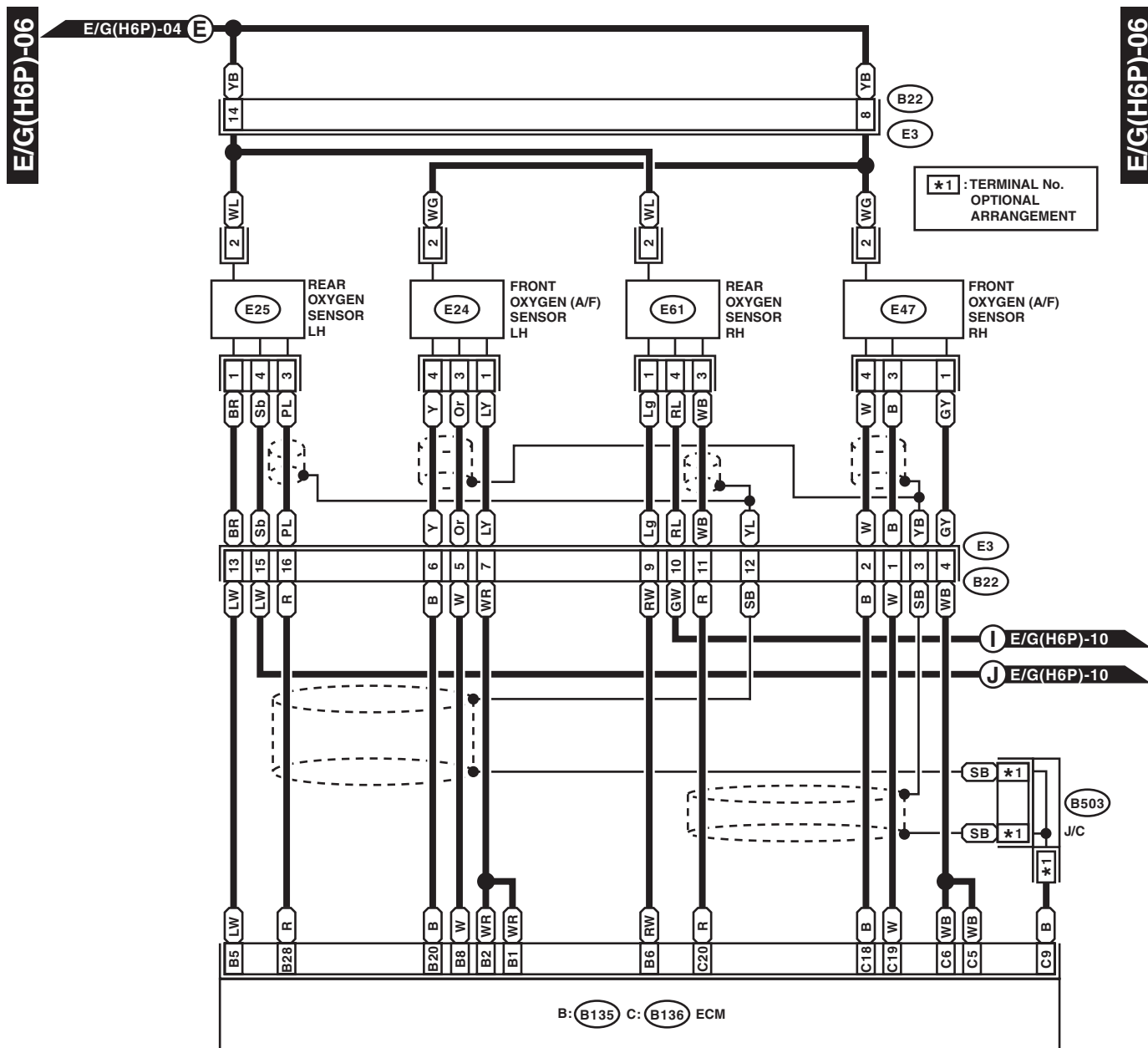
C: B136

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

WI-36261

Engine Electrical System

WIRING SYSTEM



E24 (LIGHT GRAY)

E25 (DARK GRAY)

B503

B22 (BROWN)

B: B135

C: B136

E47 (LIGHT GRAY)

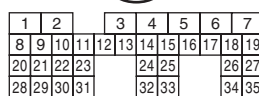
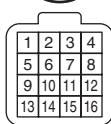
E61 (DARK GRAY)

1 2 3
4 5 6

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

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

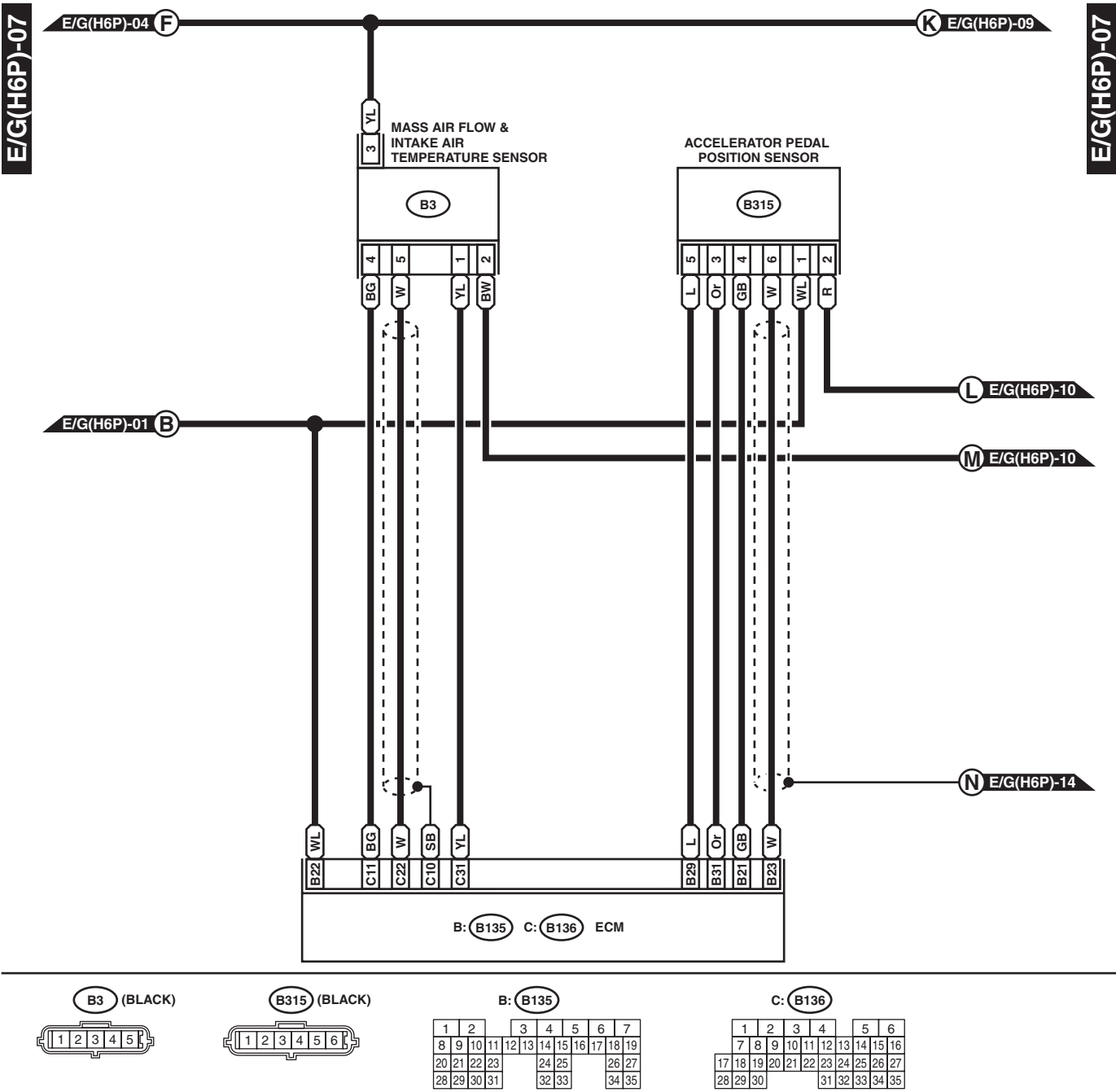
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	



WI-36262

Engine Electrical System

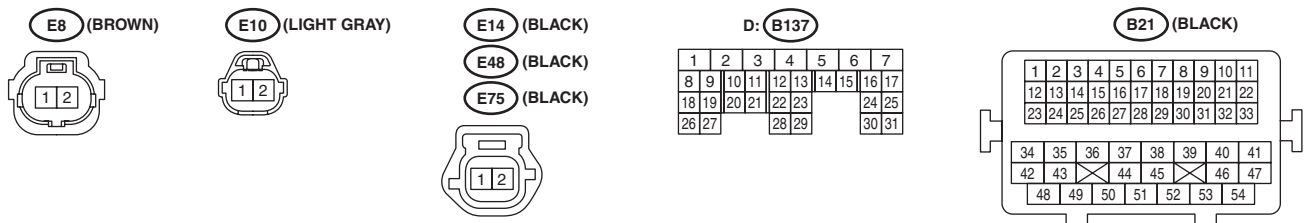
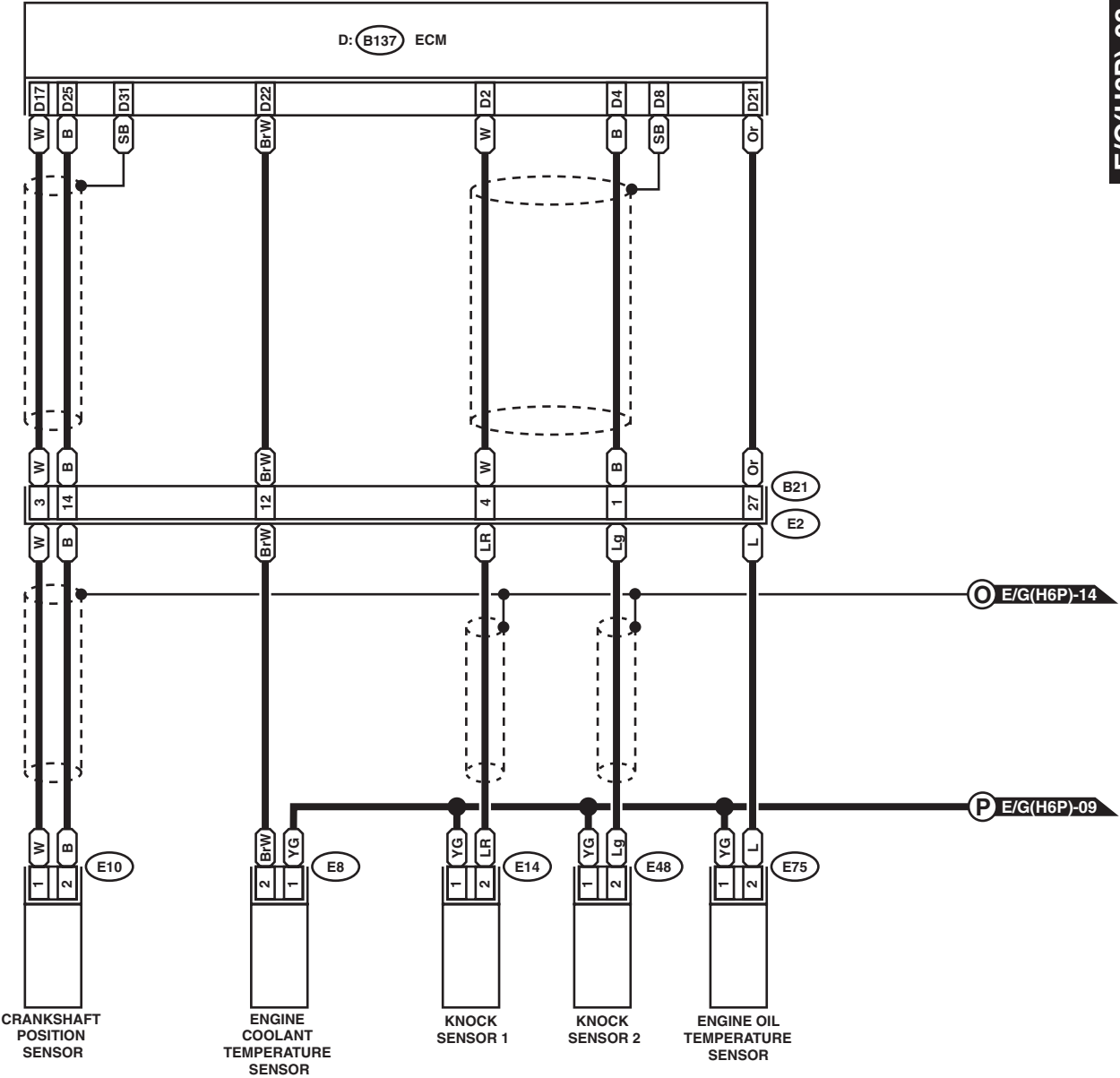
WIRING SYSTEM



WI-36263

E/G(H6P)-08

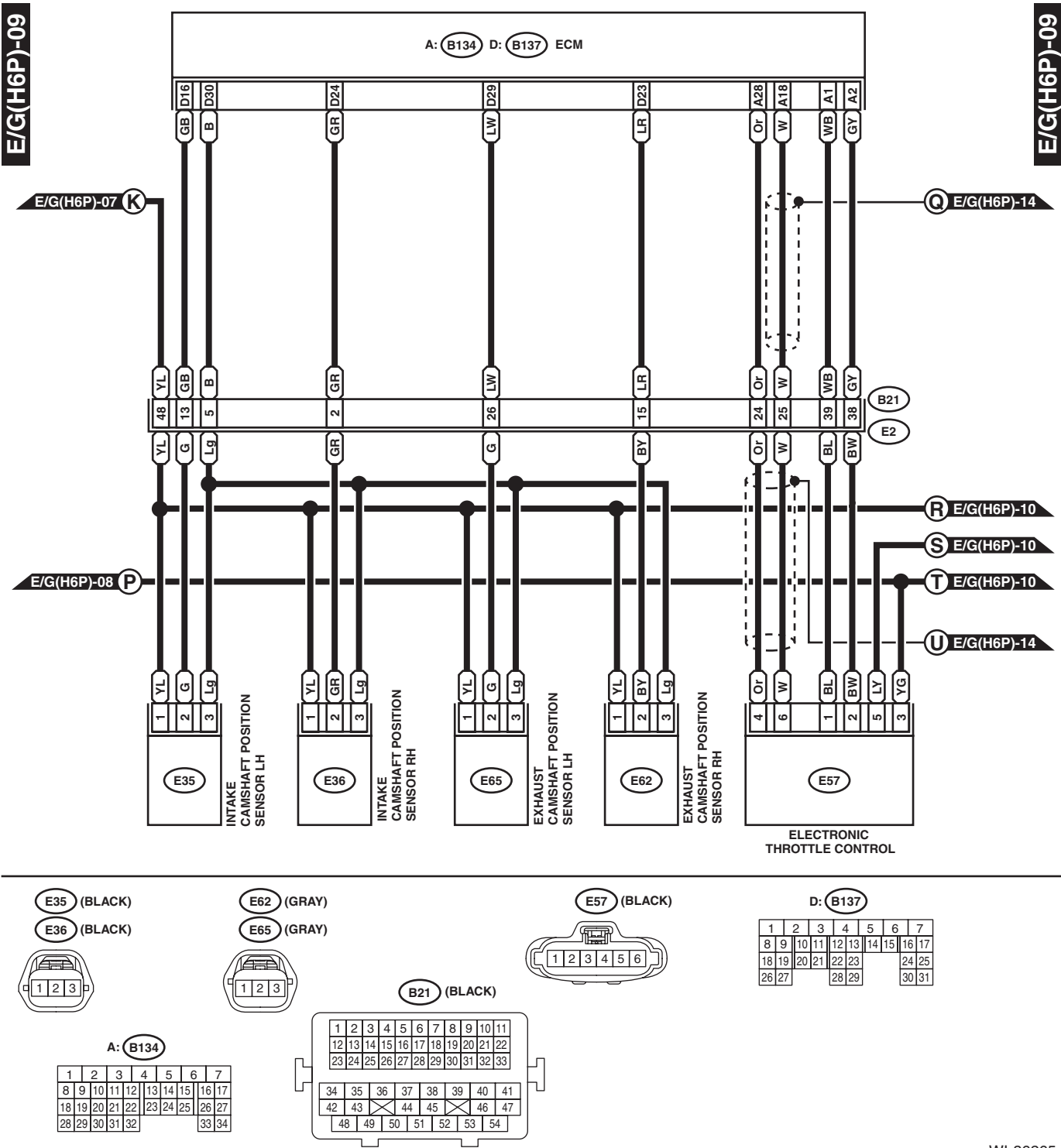
E/G(H6P)-08



WI-36264

Engine Electrical System

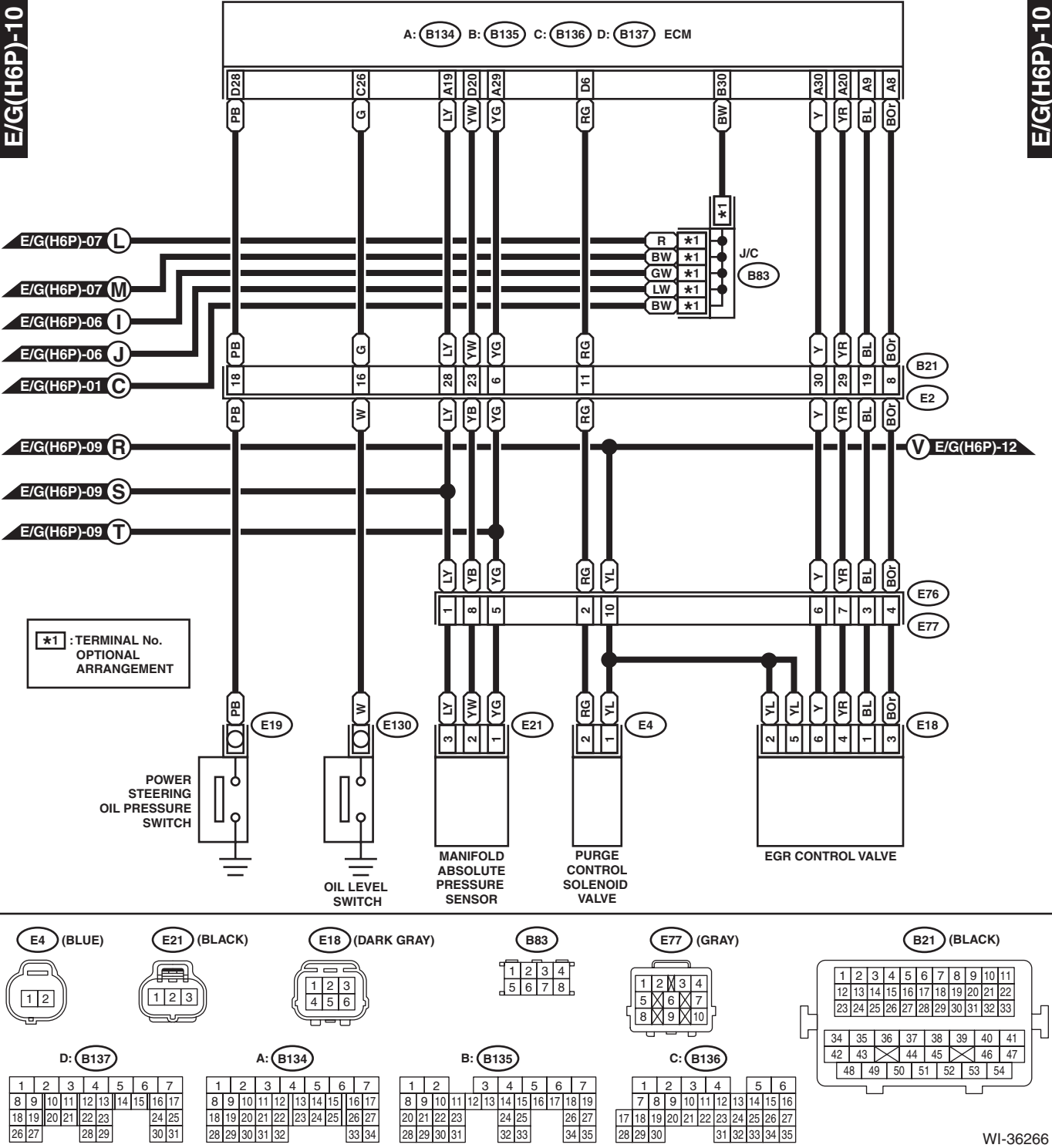
WIRING SYSTEM



WI-36265

Engine Electrical System

WIRING SYSTEM



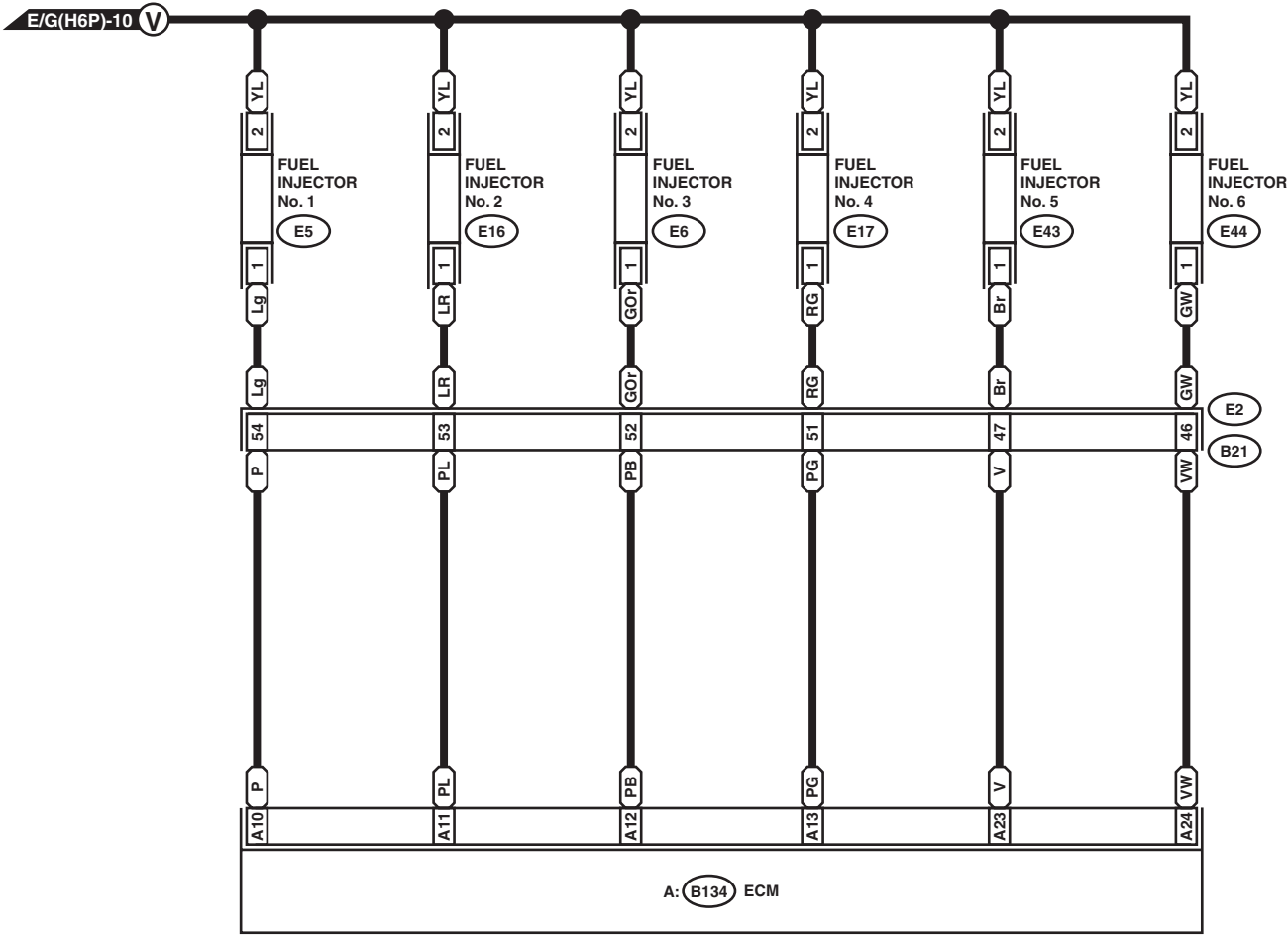
WIRING SYSTEM

E/G(H6P)-11



E/G(H6P)-12

E/G(H6P)-12



(DARK GRAY) E5 E17 (DARK GRAY)
(DARK GRAY) E6 E43 (DARK GRAY)
(DARK GRAY) E16 E44 (DARK GRAY)



A: B134

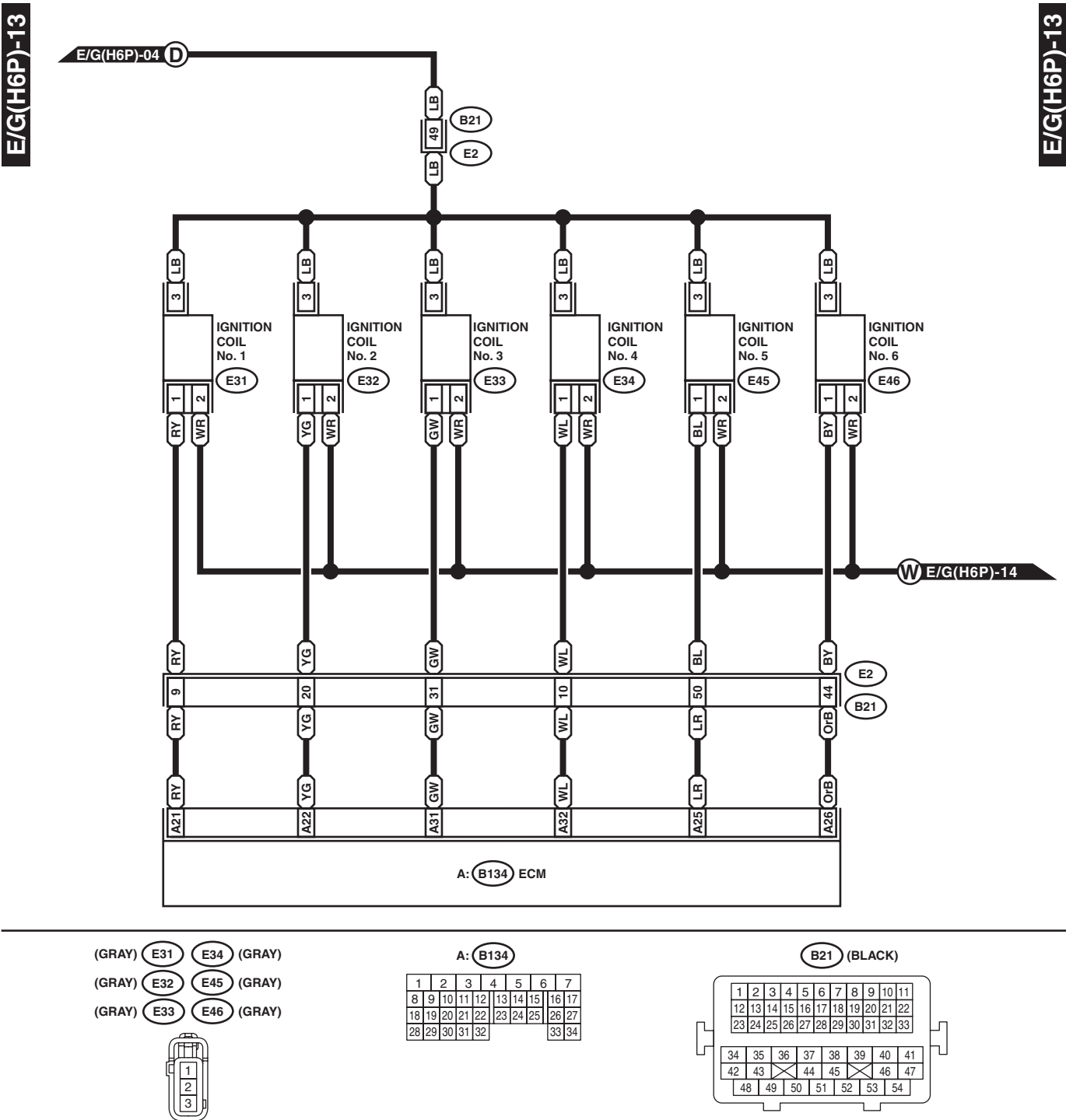
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	

B21 (BLACK)

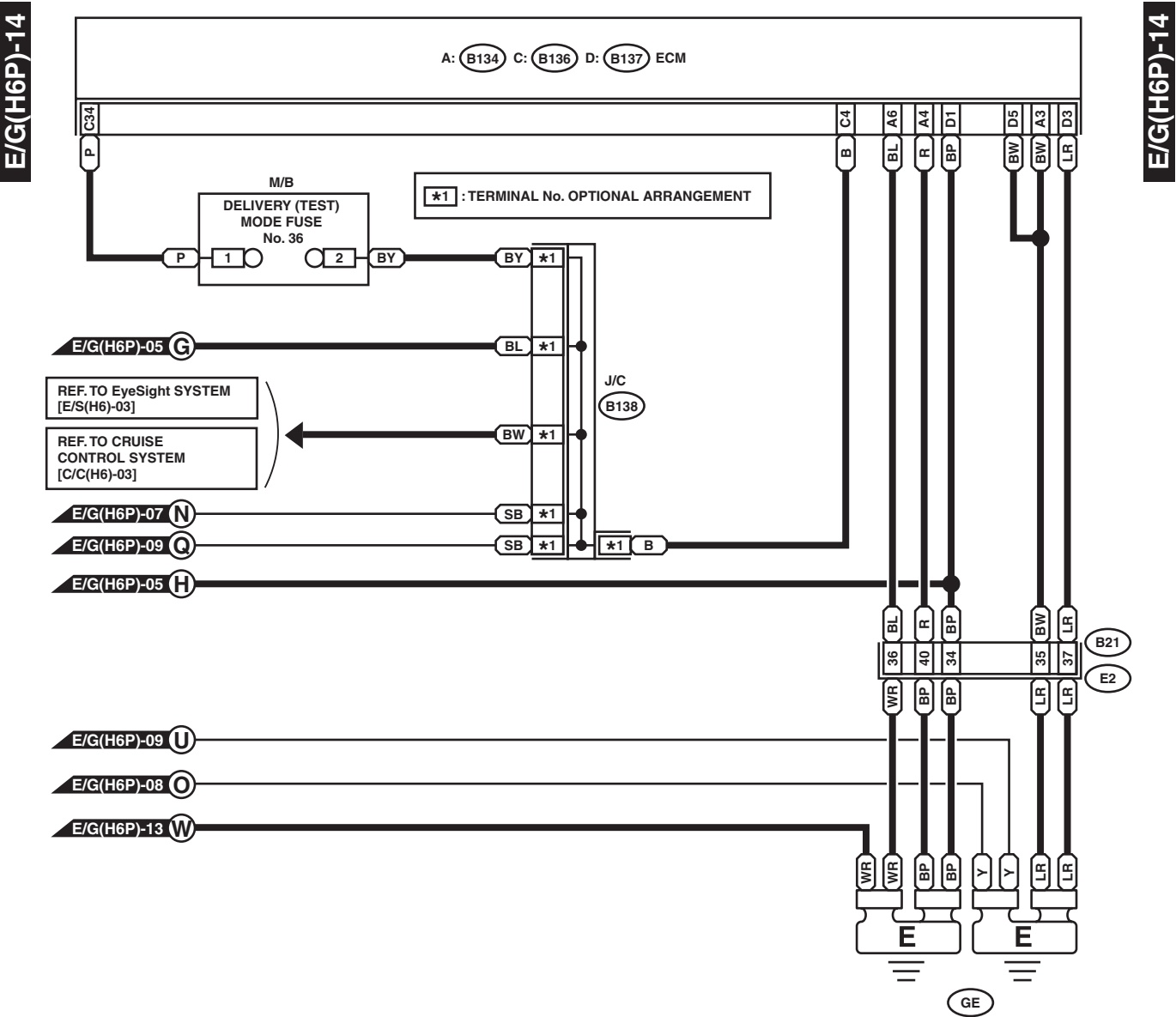
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41			
42	43	44	45	46	47					
48	49	50	51	52	53	54				

Engine Electrical System

WIRING SYSTEM



WI-36269



1	2	3
4	5	6

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

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

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

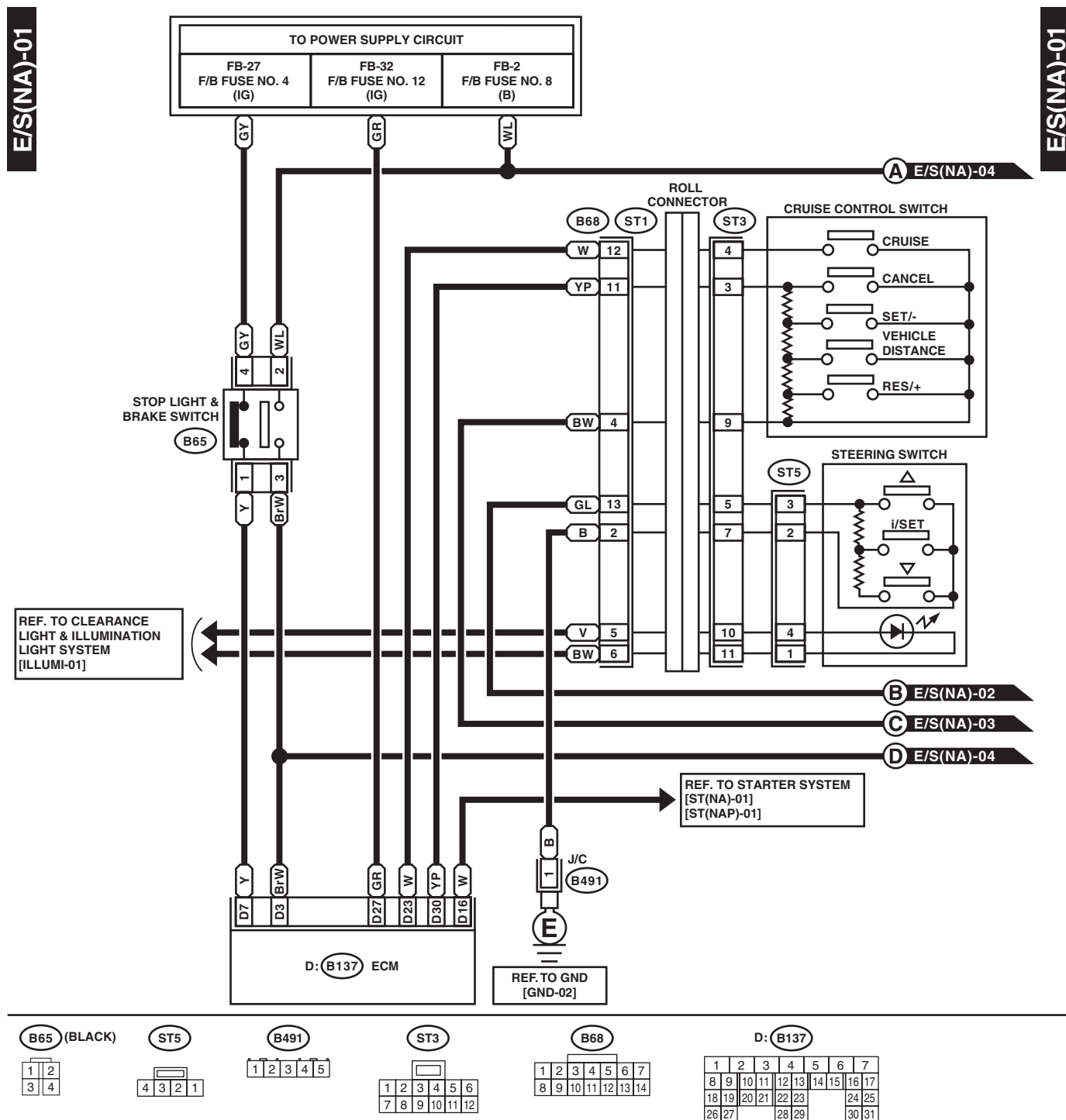
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41	42	43	44
45	46	47	48	49	50	51	52	53	54	55

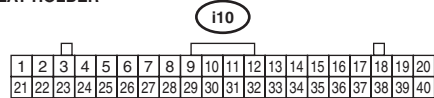
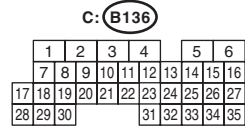
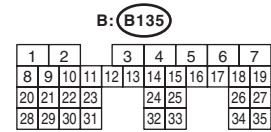
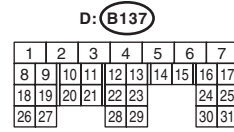
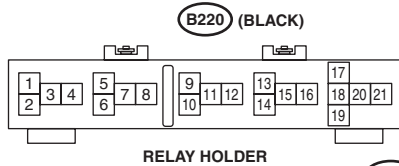
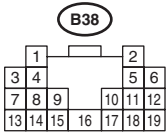
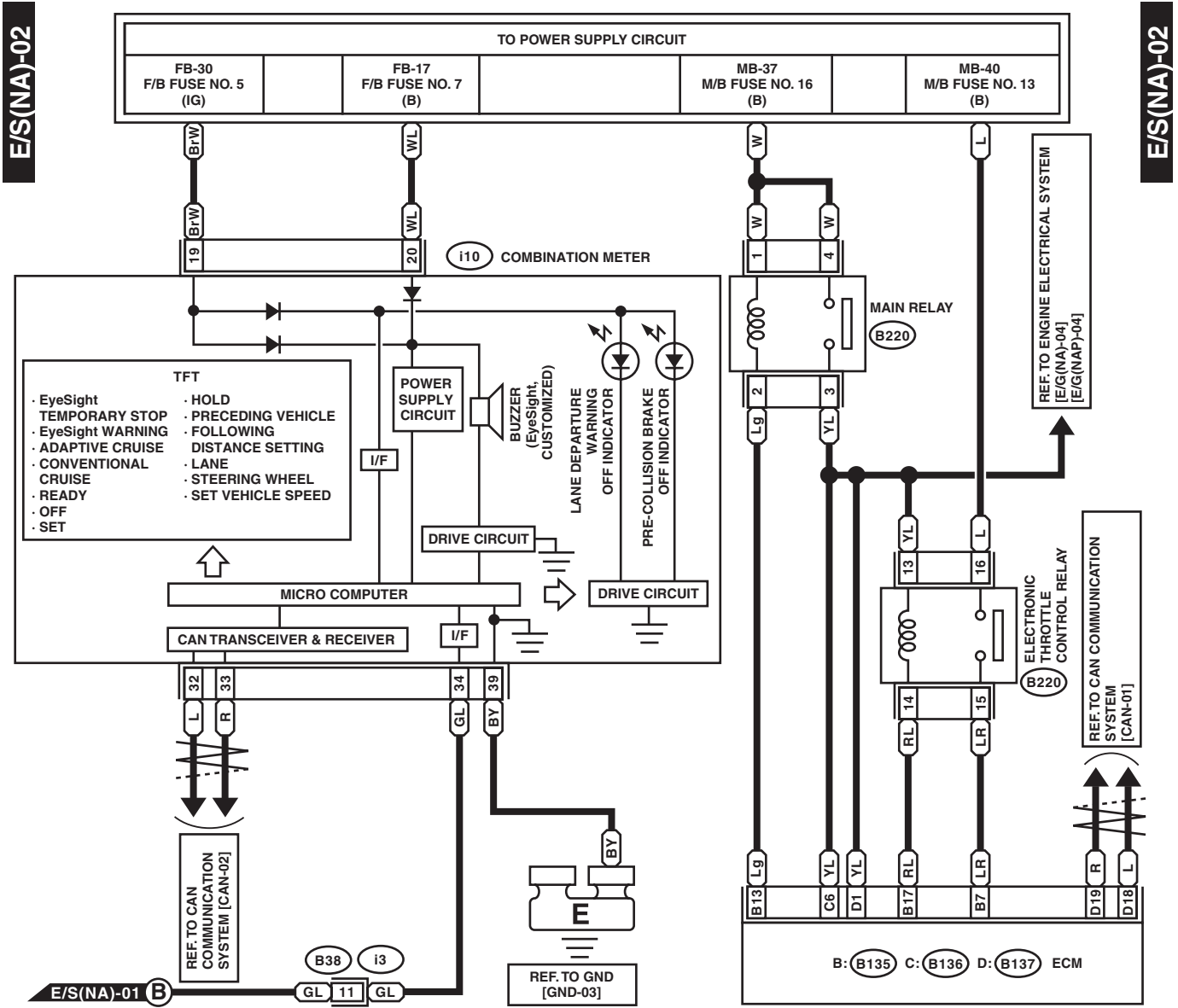
WI-36270

19.EyeSight System

A: WIRING DIAGRAM

1. 2.5 L MODEL





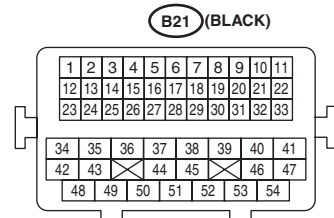
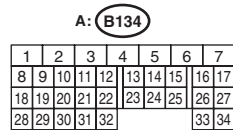
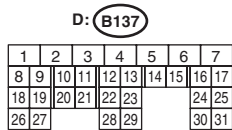
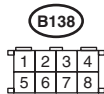
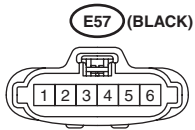
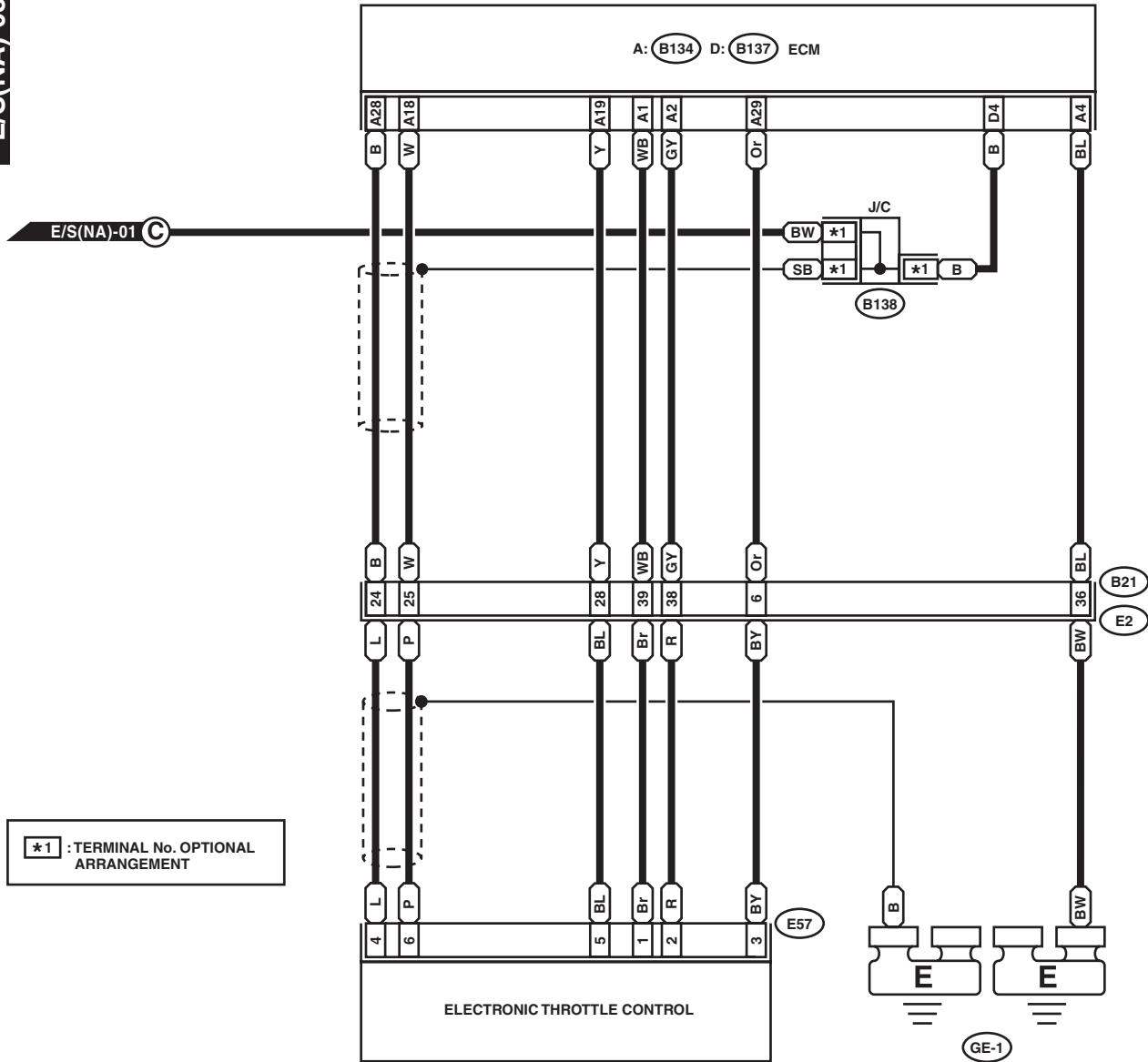
WI-41476

EyeSight System

WIRING SYSTEM

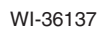
E/S(NA)-03

E/S(NA)-03



WI-41346

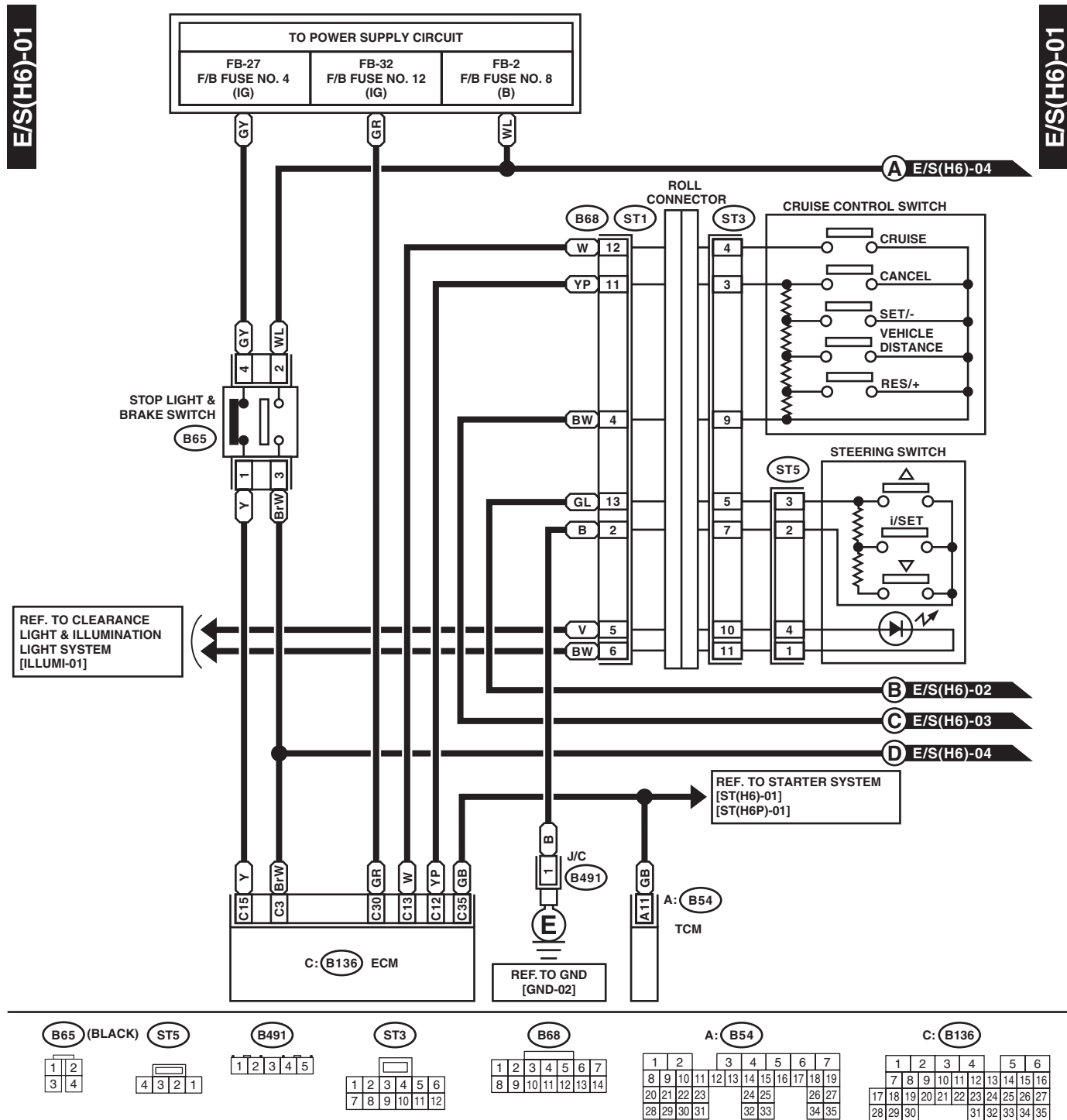
WIRING SYSTEM



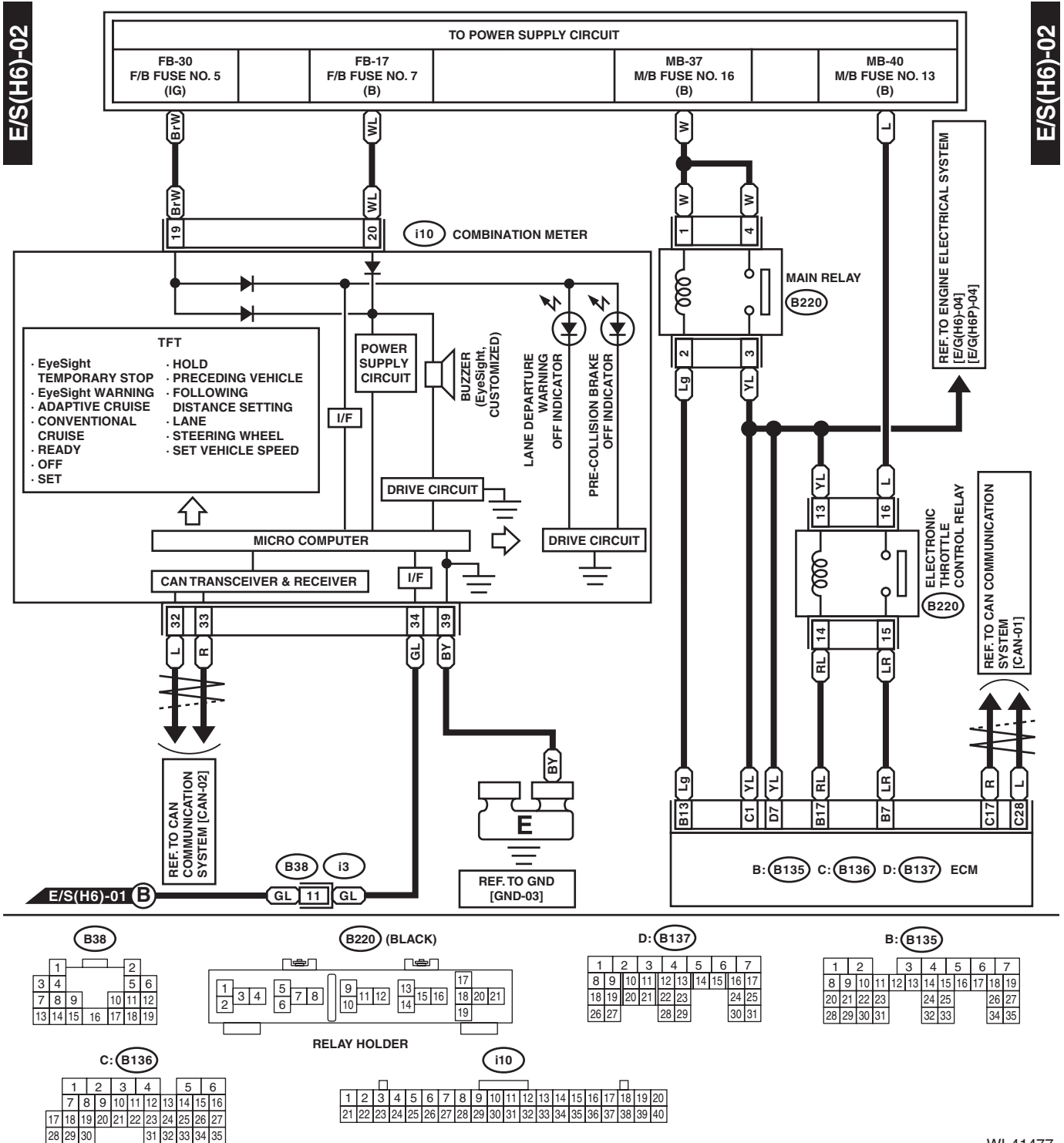
EyeSight System

WIRING SYSTEM

2. 3.6 L MODEL



WI-36138



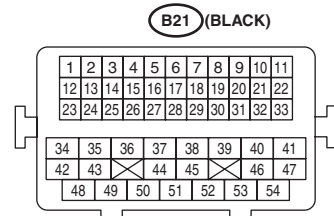
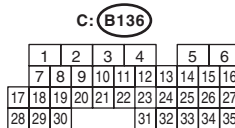
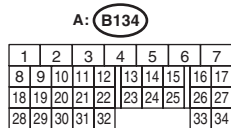
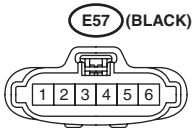
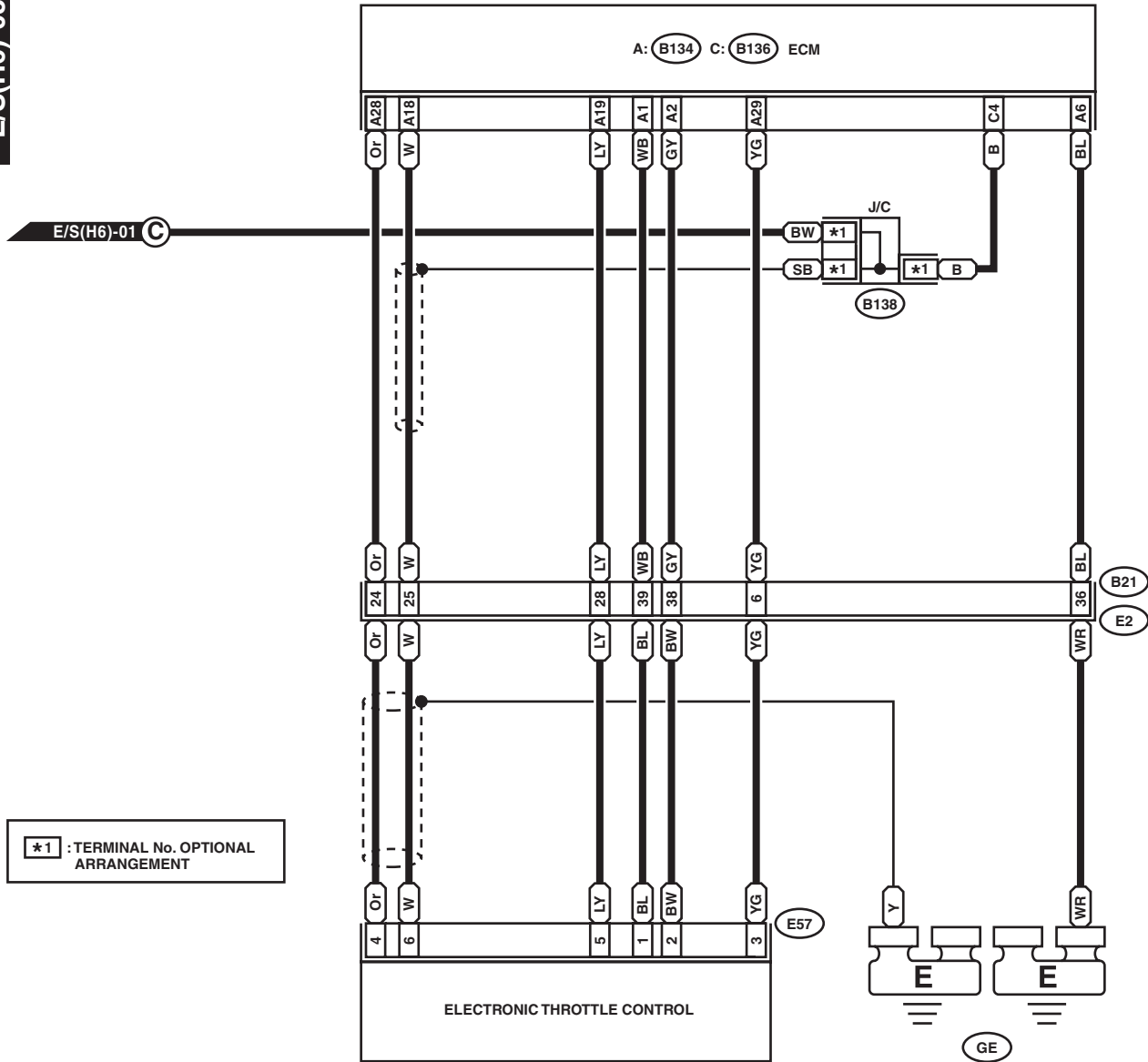
WI-41477

EyeSight System

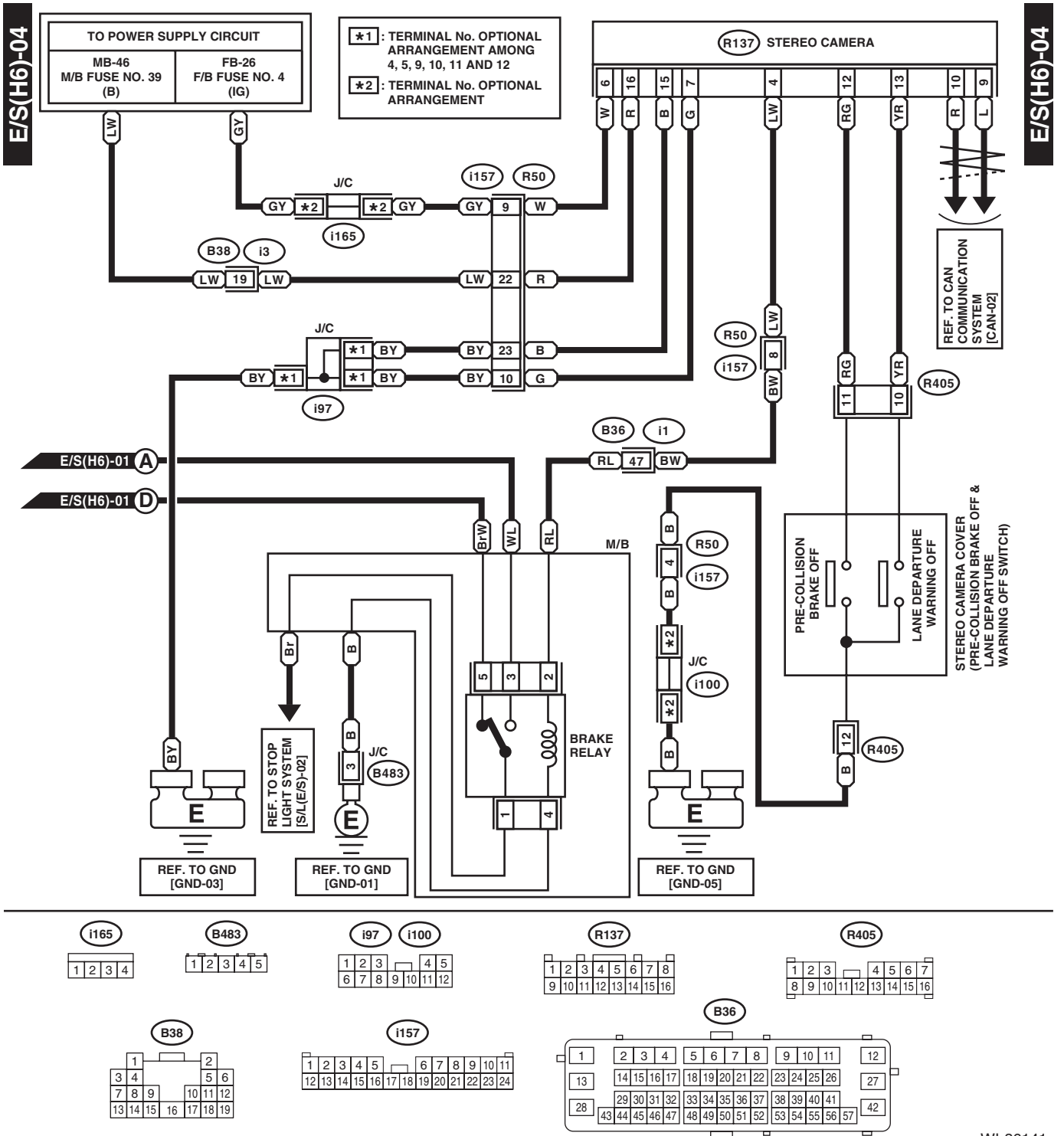
WIRING SYSTEM

E/S(H6)-03

E/S(H6)-03



WI-41347



WI-36141

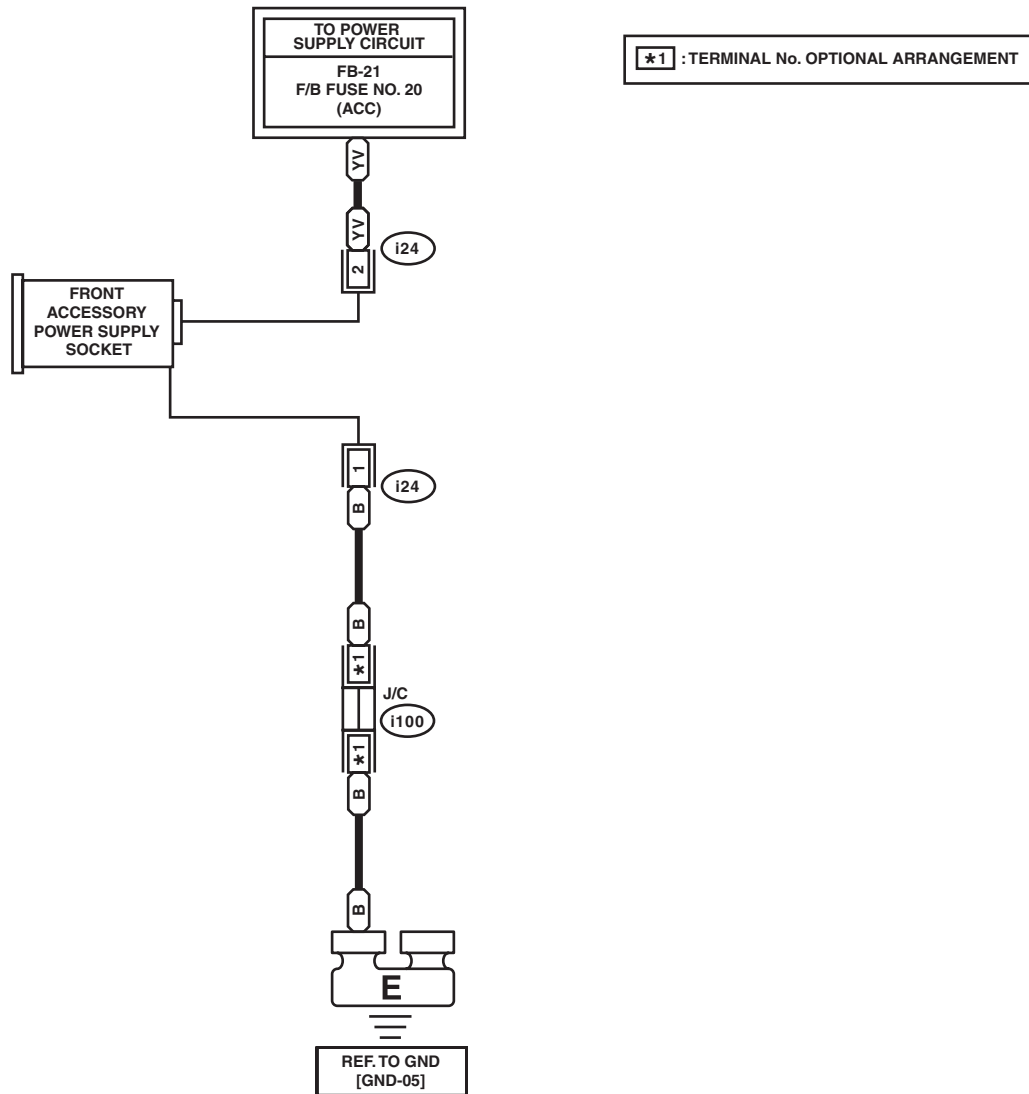
Front Accessory Power Supply Socket System

WIRING SYSTEM

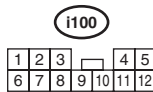
20.Front Accessory Power Supply Socket System

A: WIRING DIAGRAM

FAPS-01



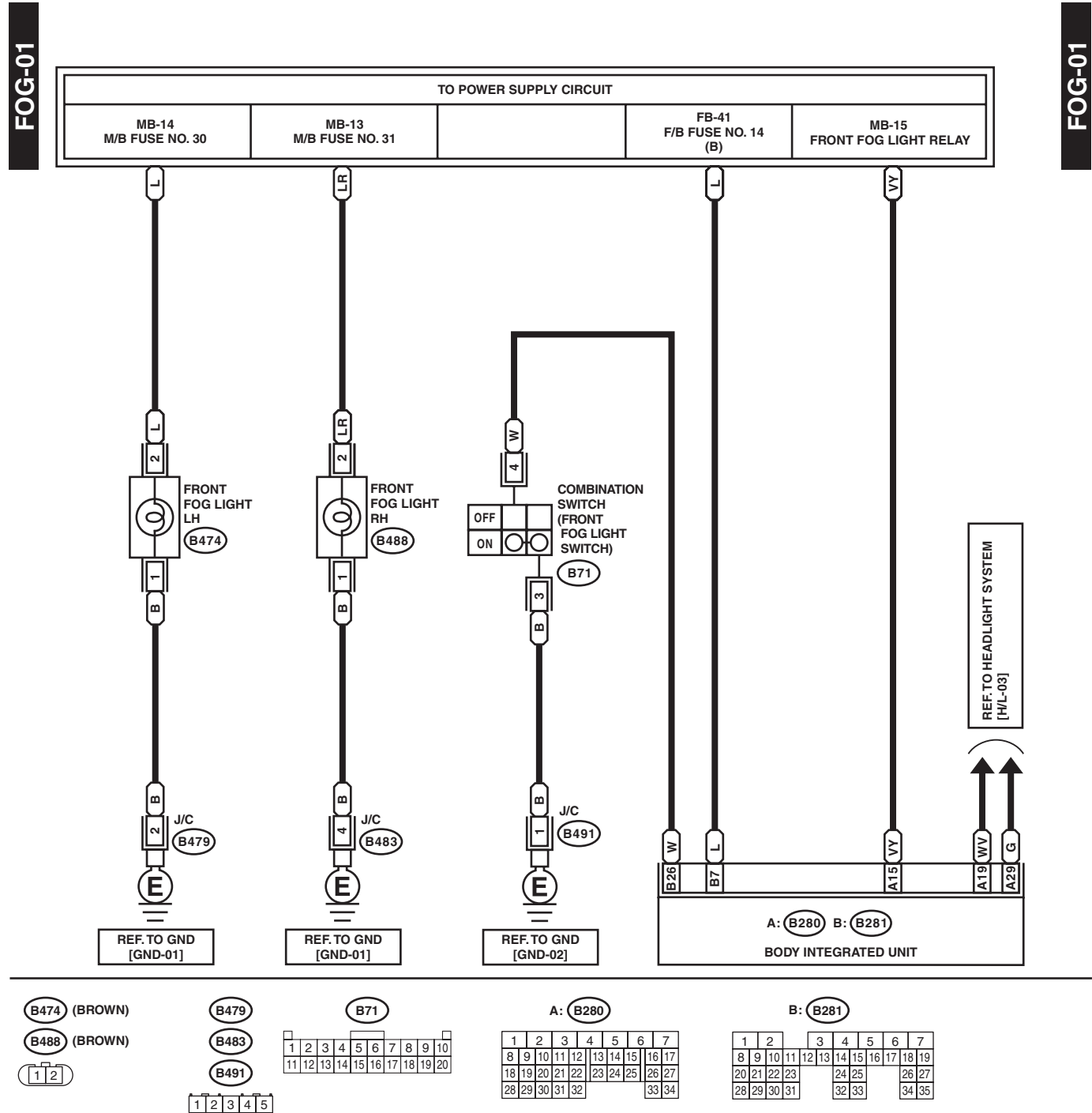
FAPS-01



WI-29373

21.Front Fog Light System

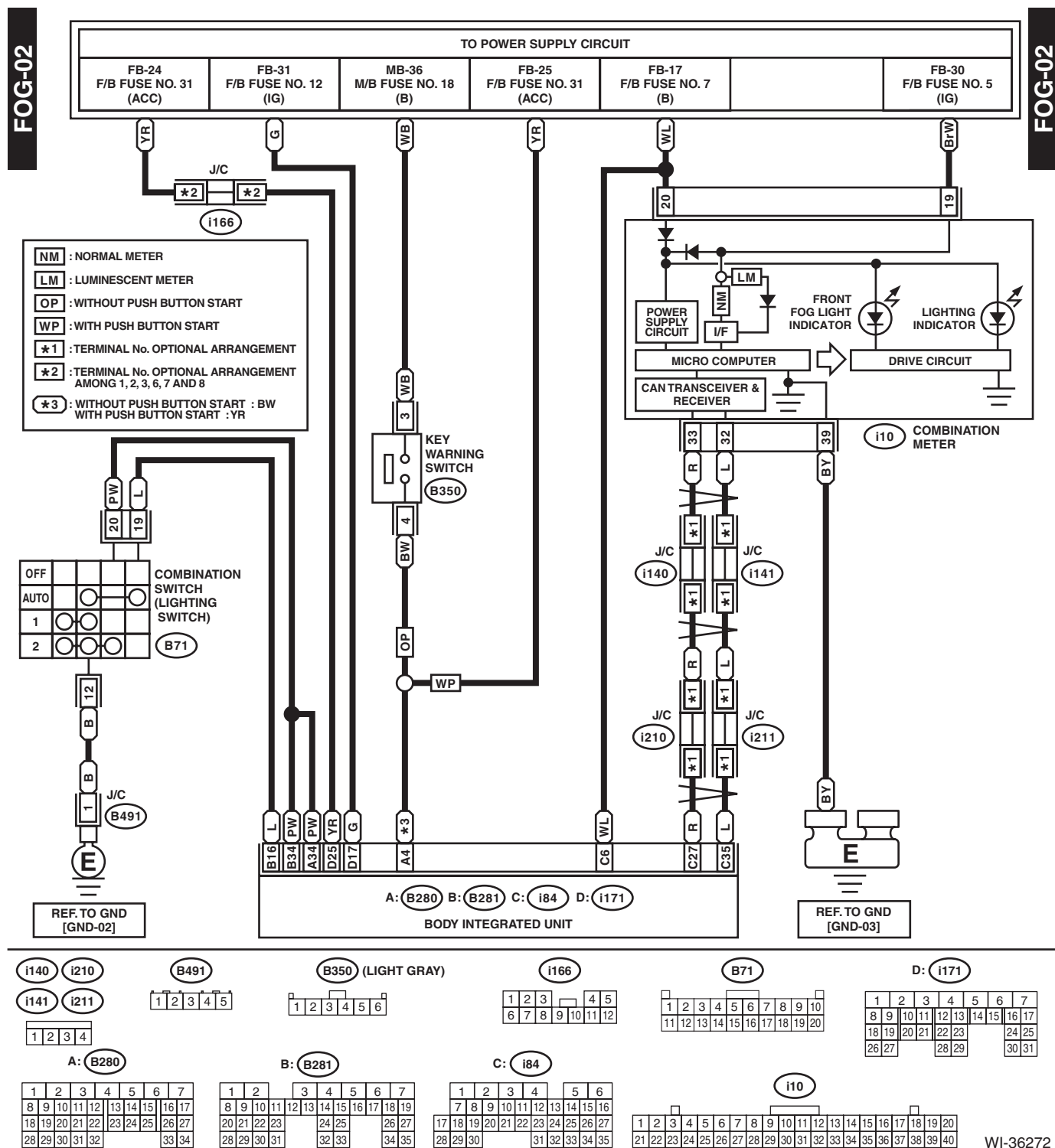
A: WIRING DIAGRAM



WI-36271

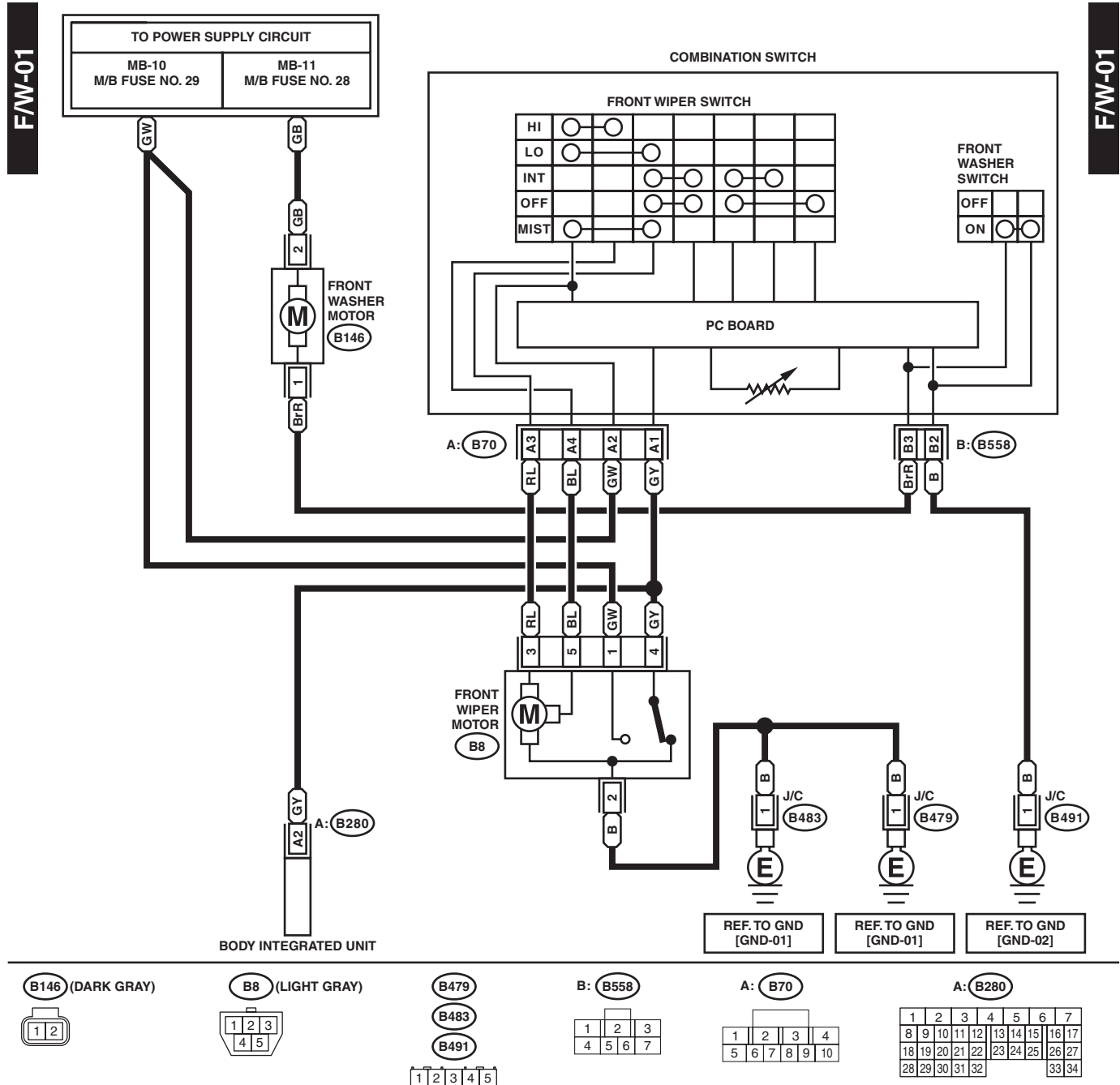
Front Fog Light System

WIRING SYSTEM



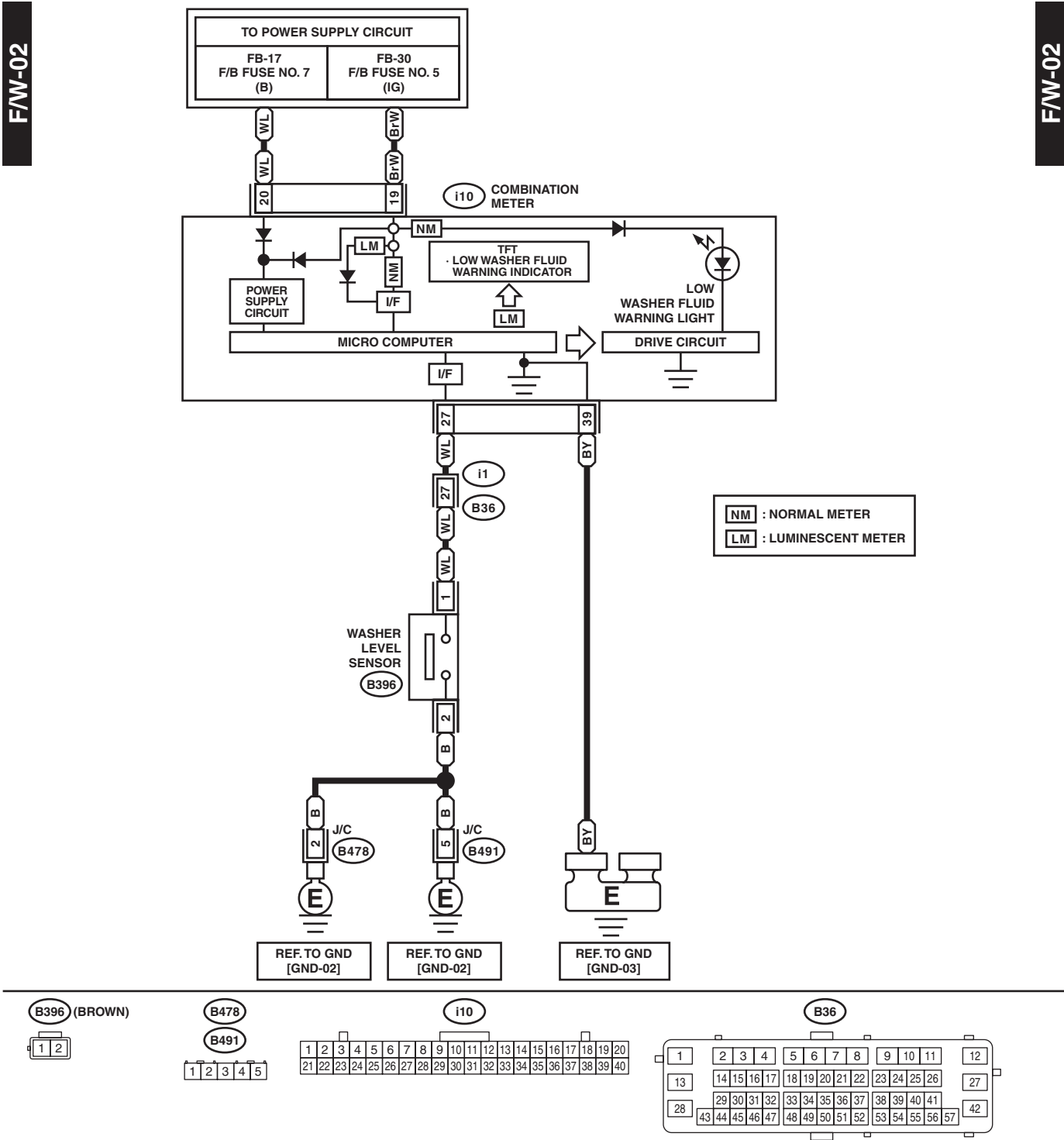
22.Front Wiper and Washer System

A: WIRING DIAGRAM



Front Wiper and Washer System

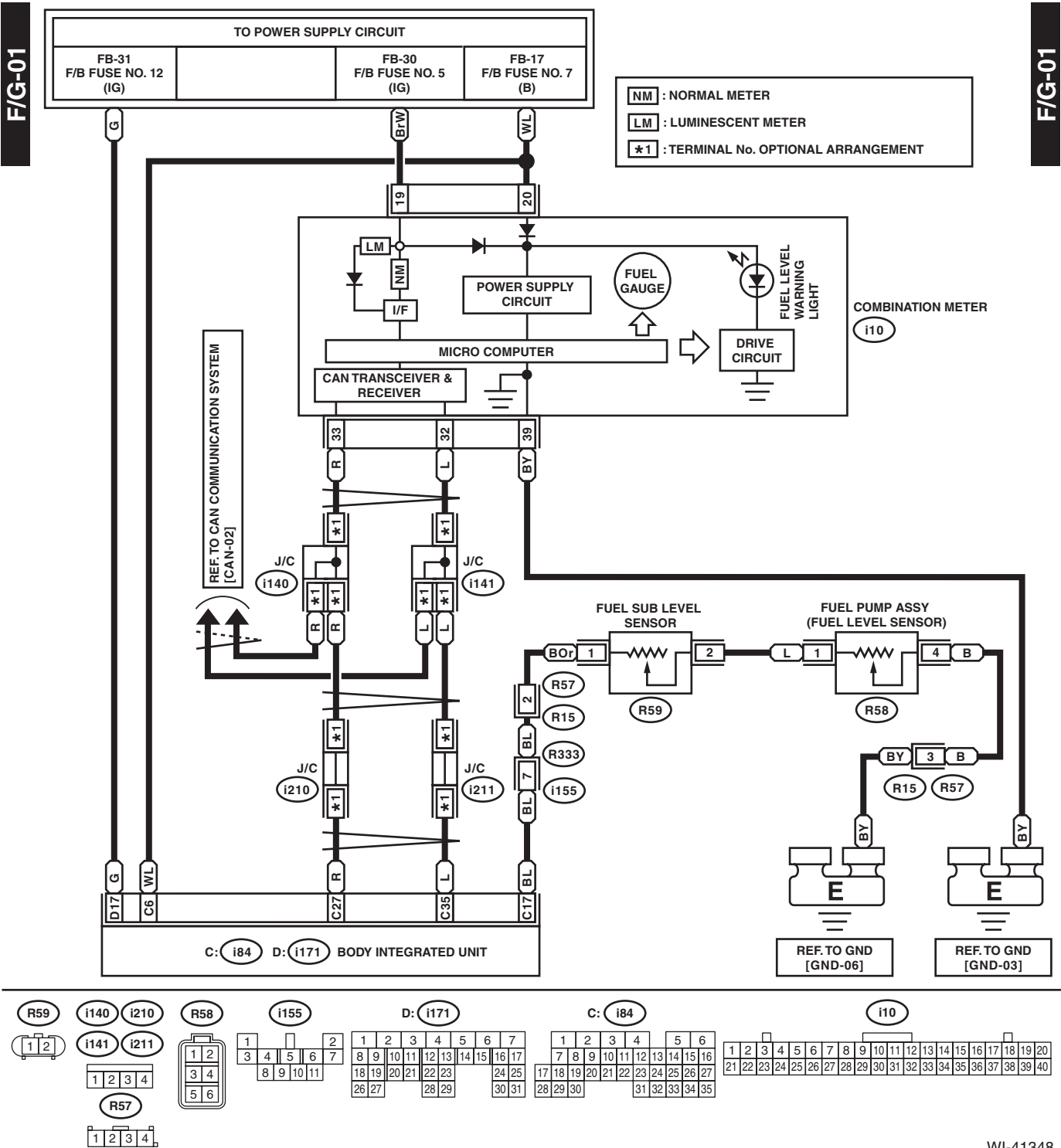
WIRING SYSTEM



WI-36274

23.Fuel Gauge System

A: WIRING DIAGRAM



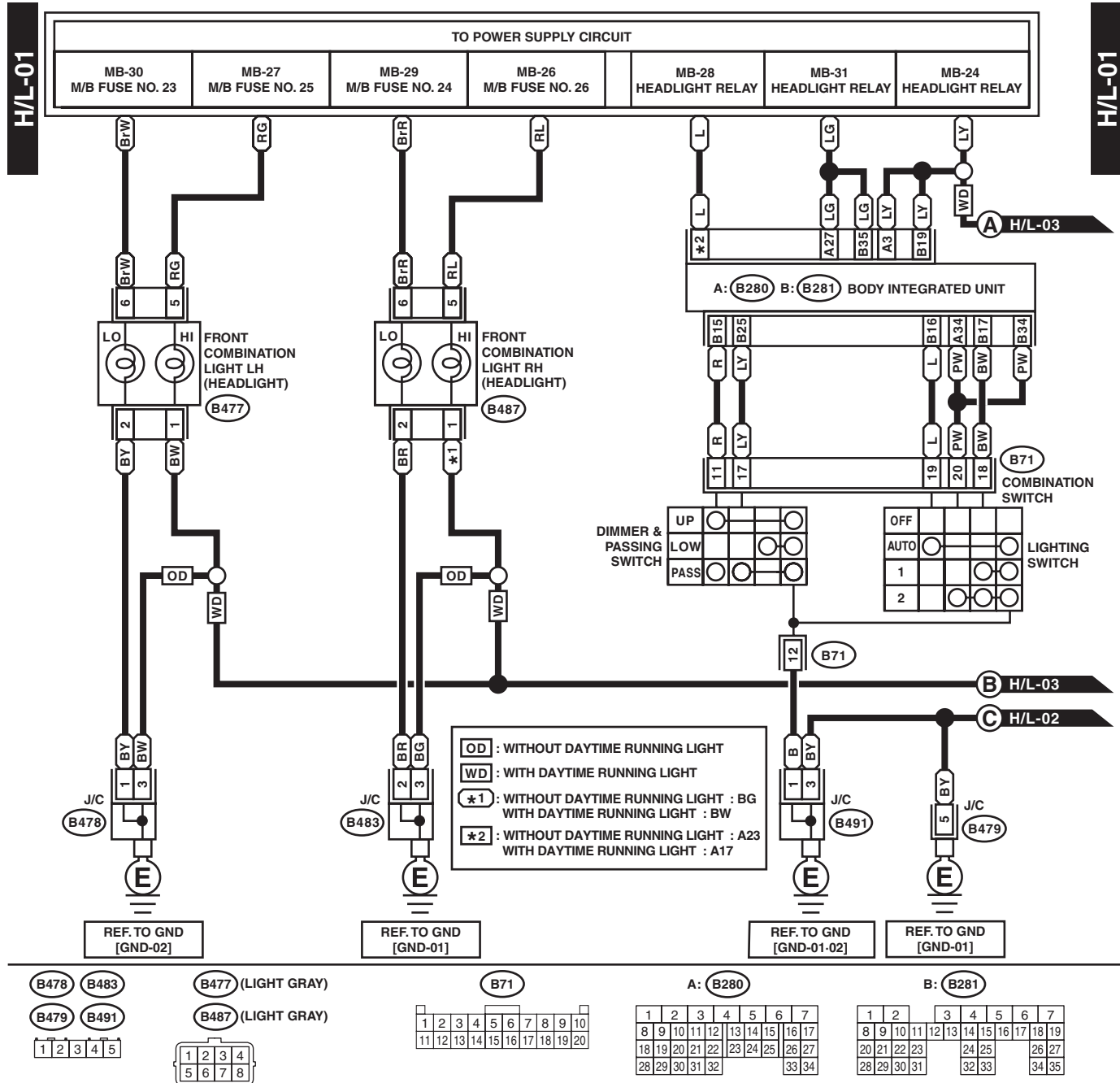
WI-41348

Headlight System

WIRING SYSTEM

24.Headlight System

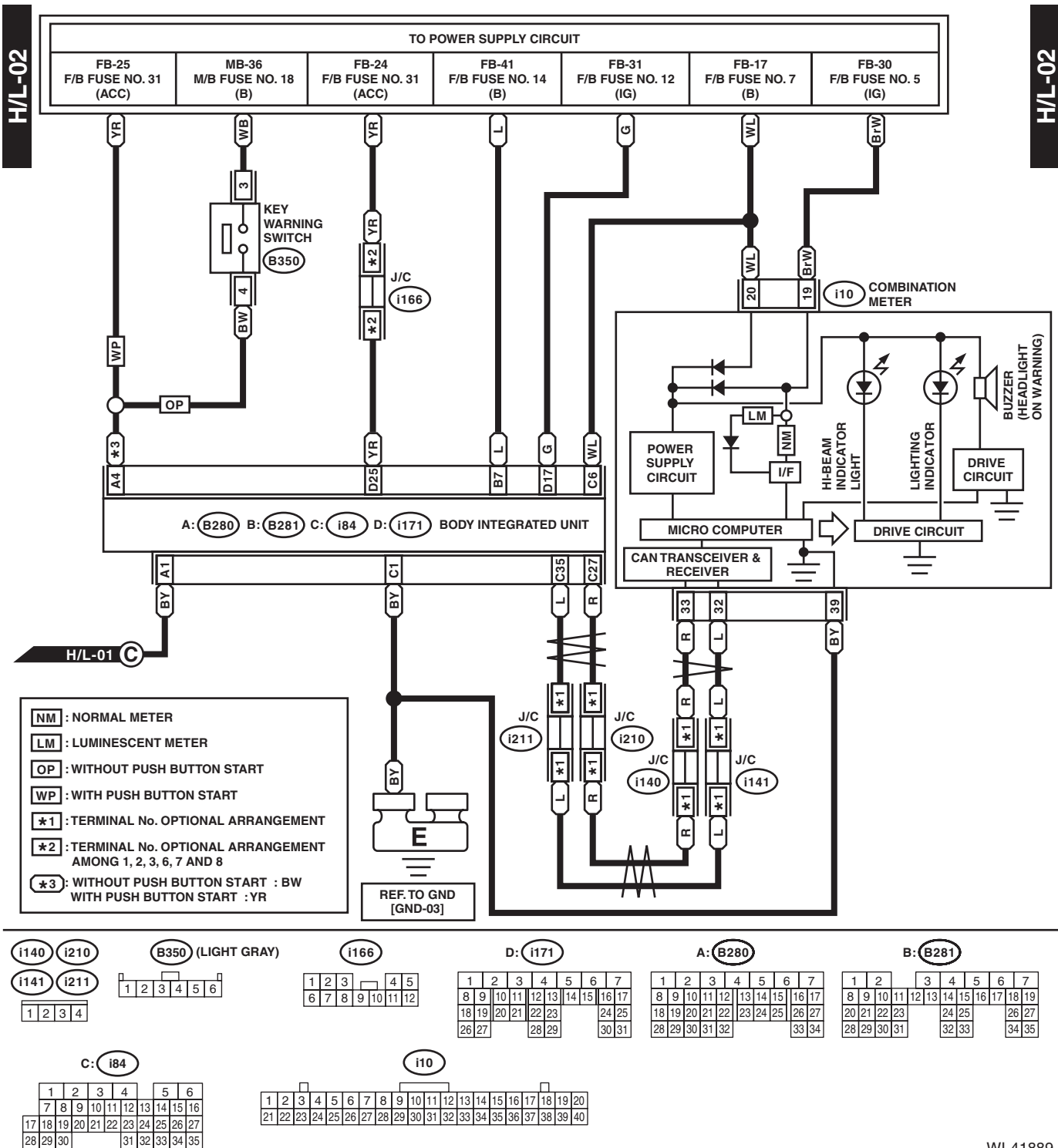
A: WIRING DIAGRAM



WI-36276

Headlight System

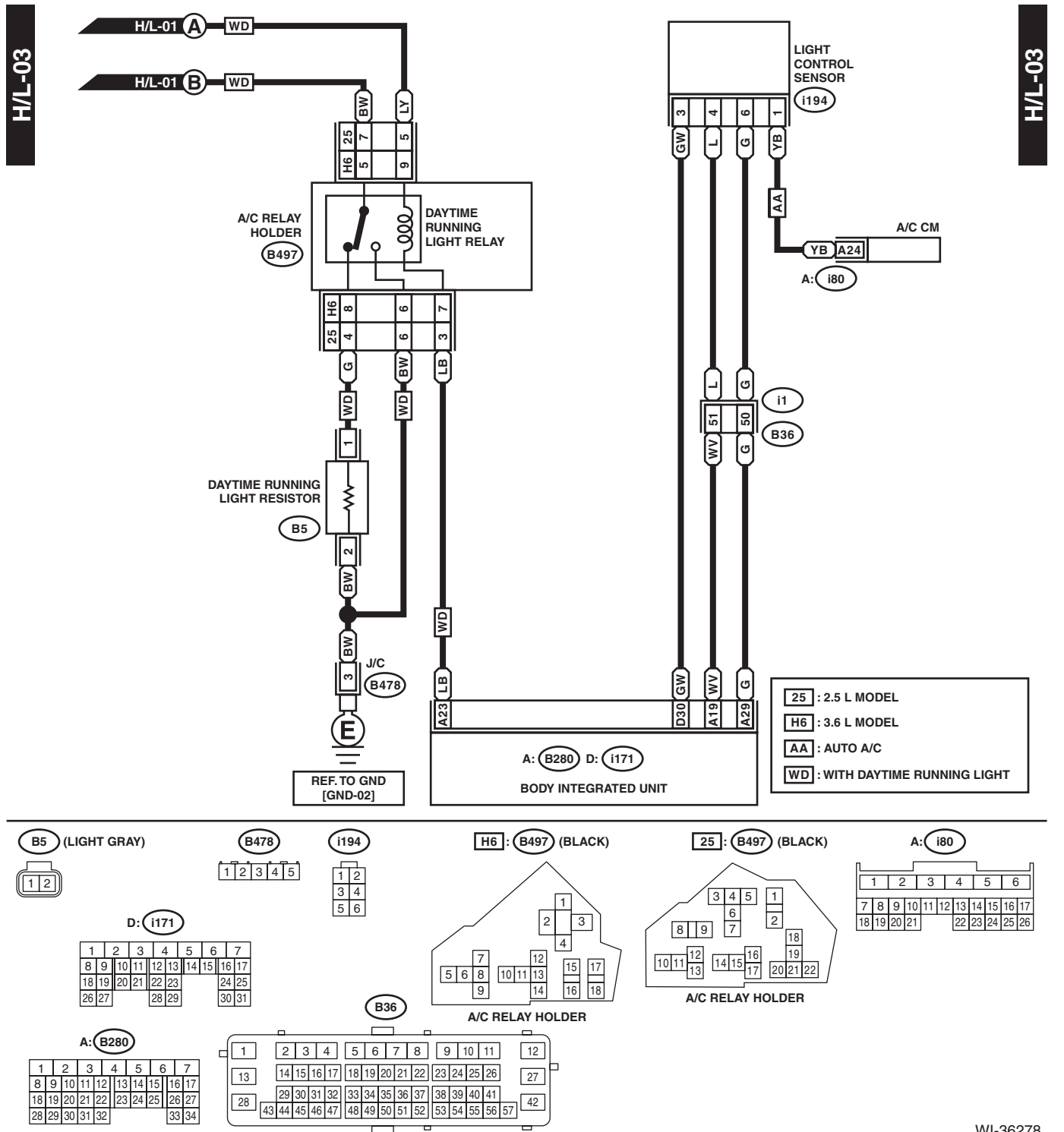
WIRING SYSTEM



WI-41889

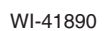
Headlight System

WIRING SYSTEM



WI-36278

A: WIRING DIAGRAM



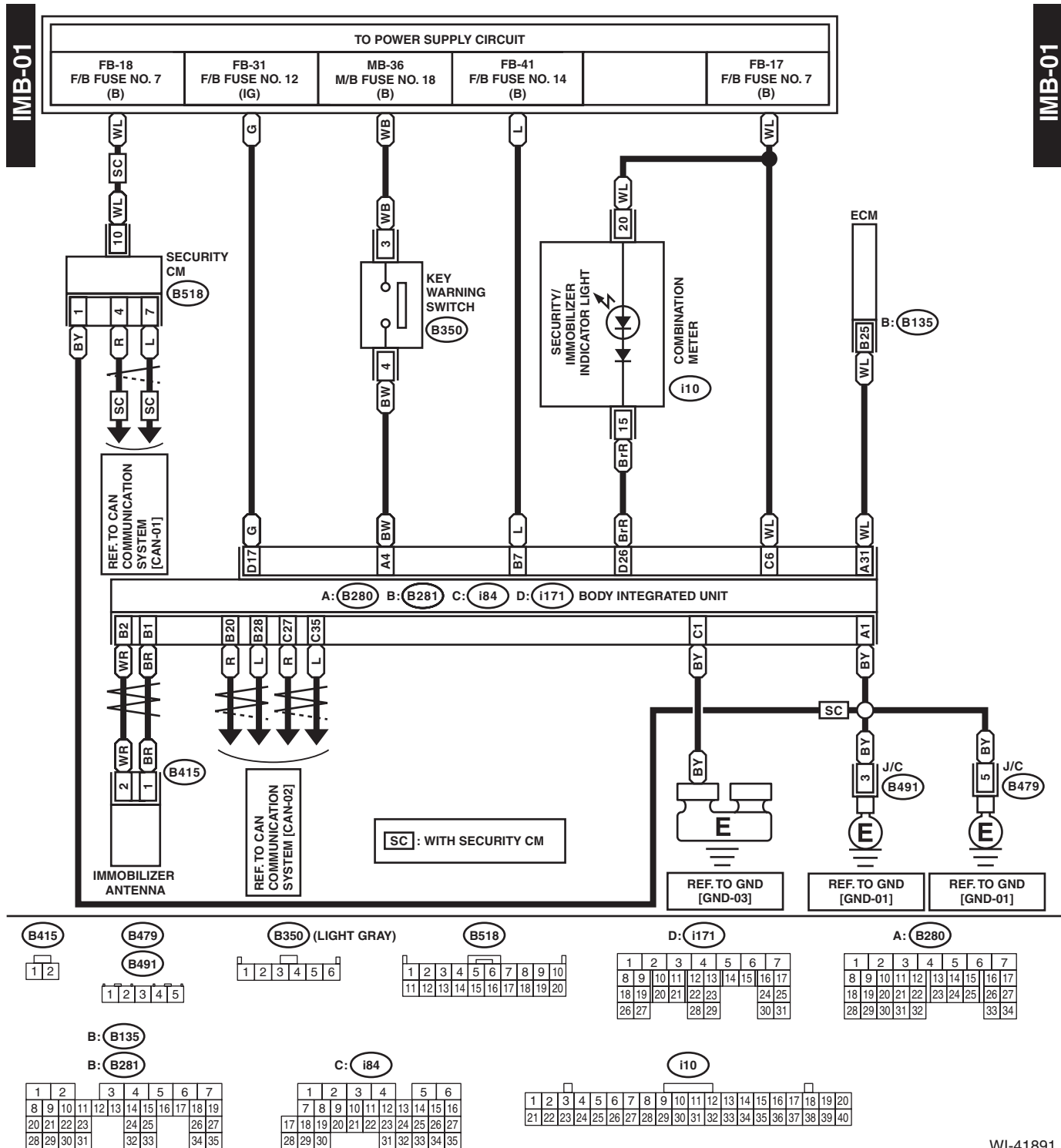
Immobilizer System

WIRING SYSTEM

26. Immobilizer System

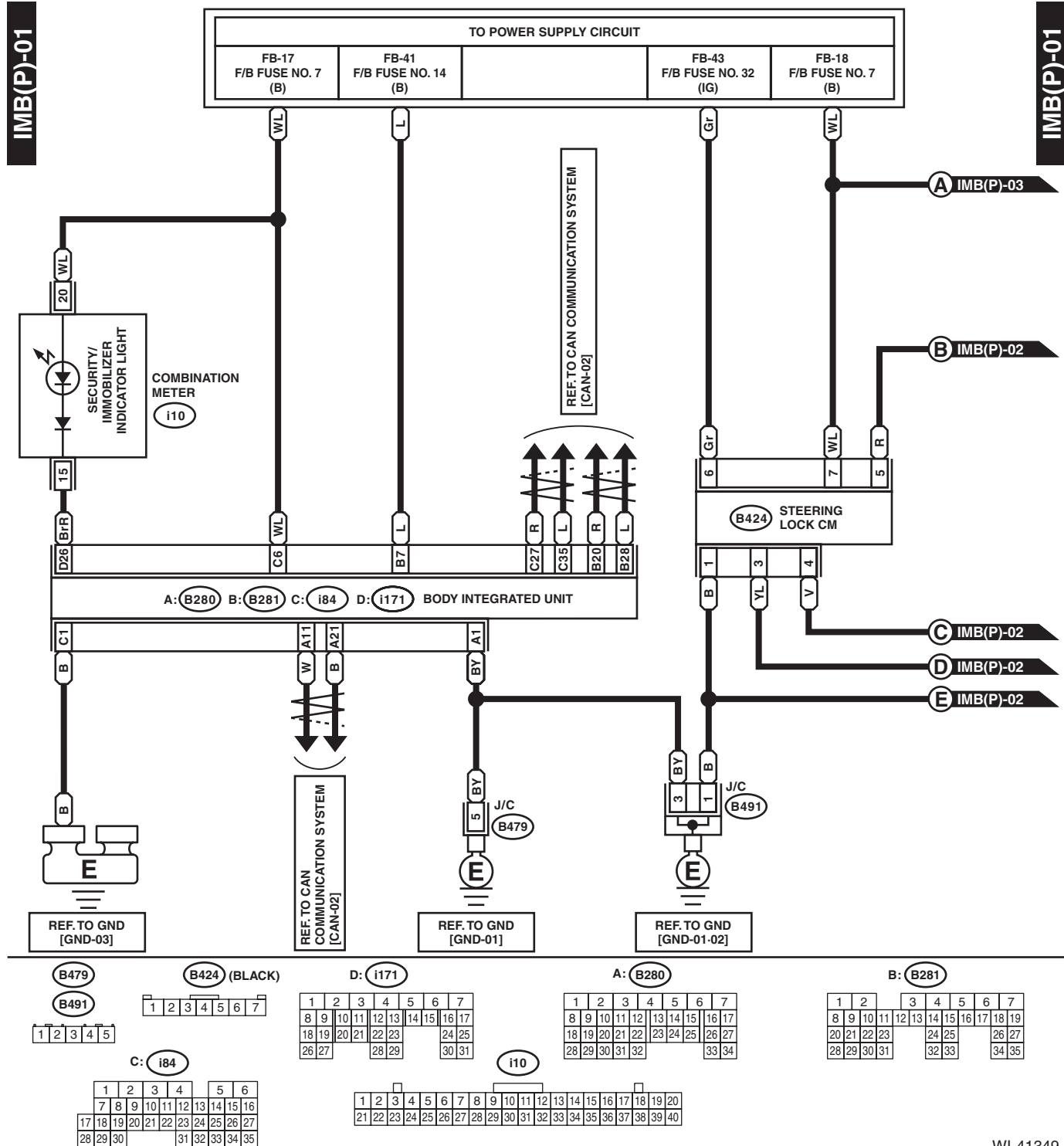
A: WIRING DIAGRAM

1. WITHOUT PUSH BUTTON START



WIRING SYSTEM

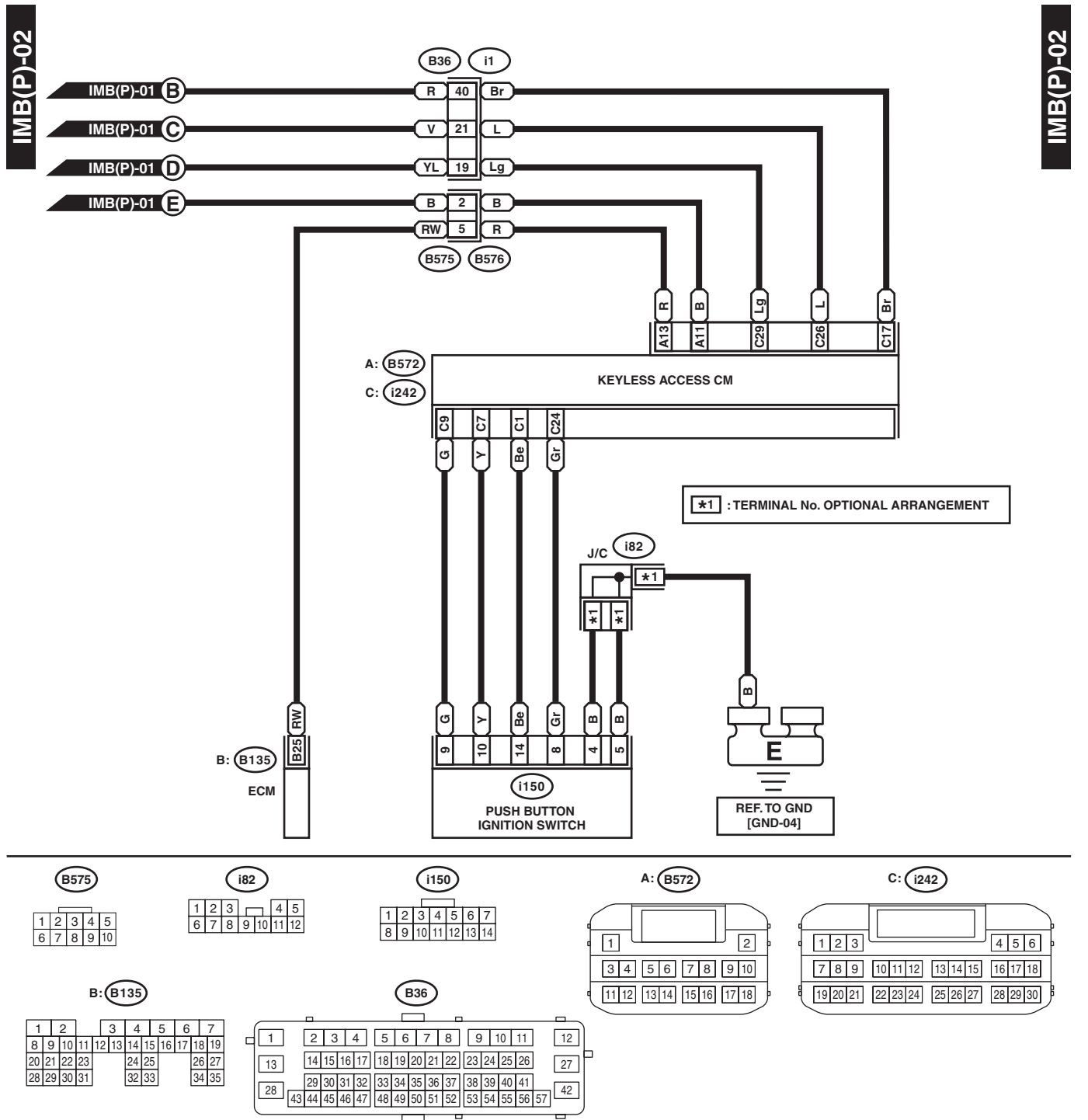
2. WITH PUSH BUTTON START



WI-41349

Immobilizer System

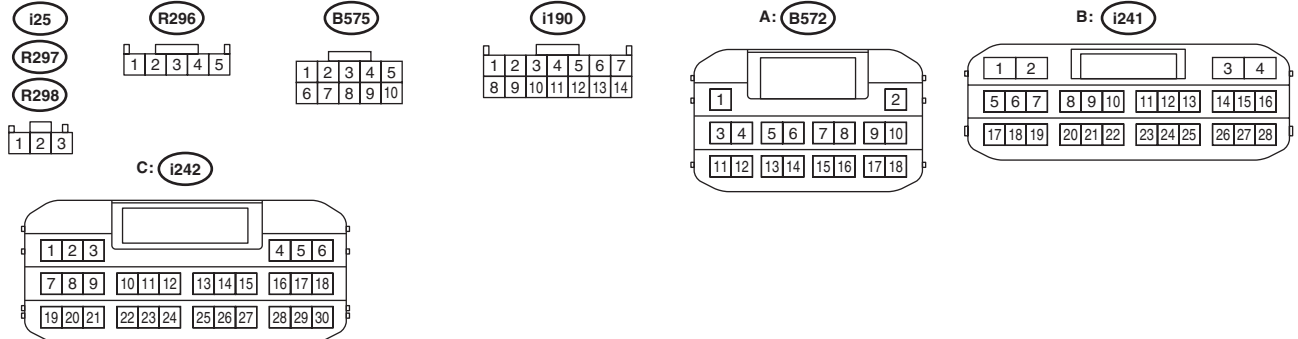
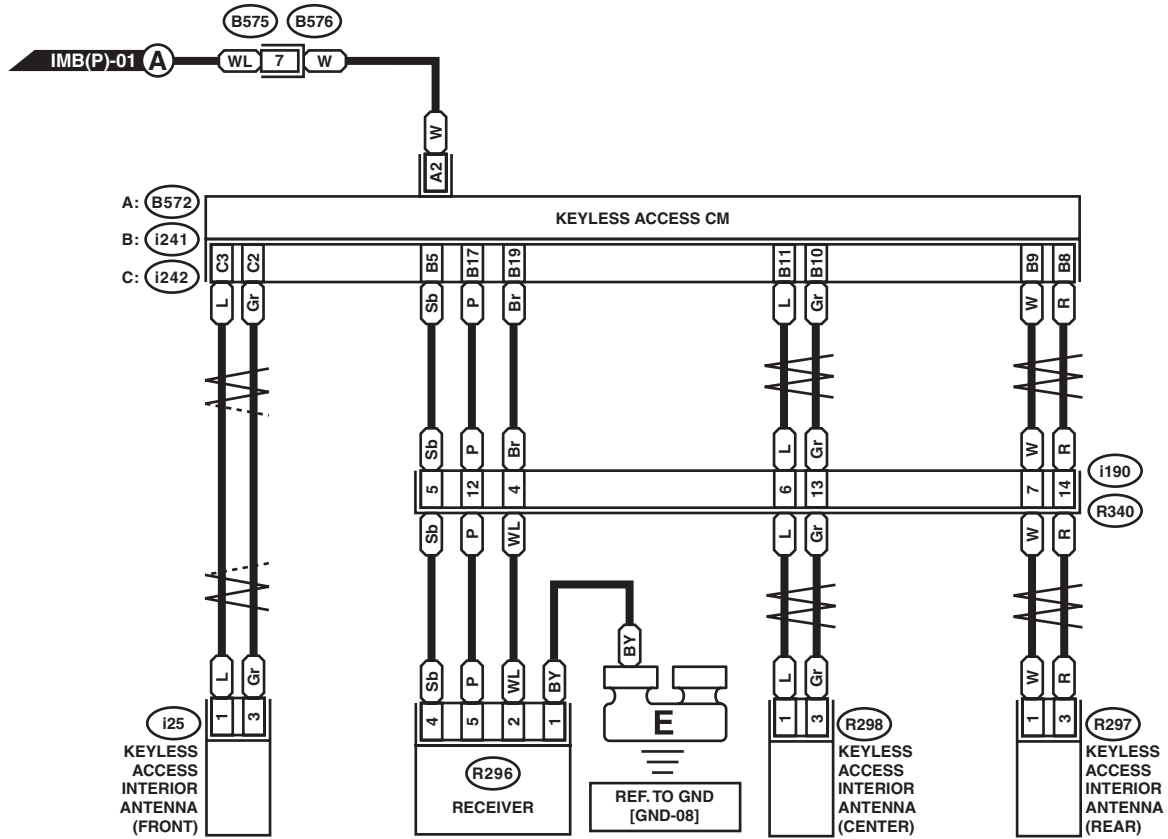
WIRING SYSTEM



WI-41350

IMB(P)-03

IMB(P)-03



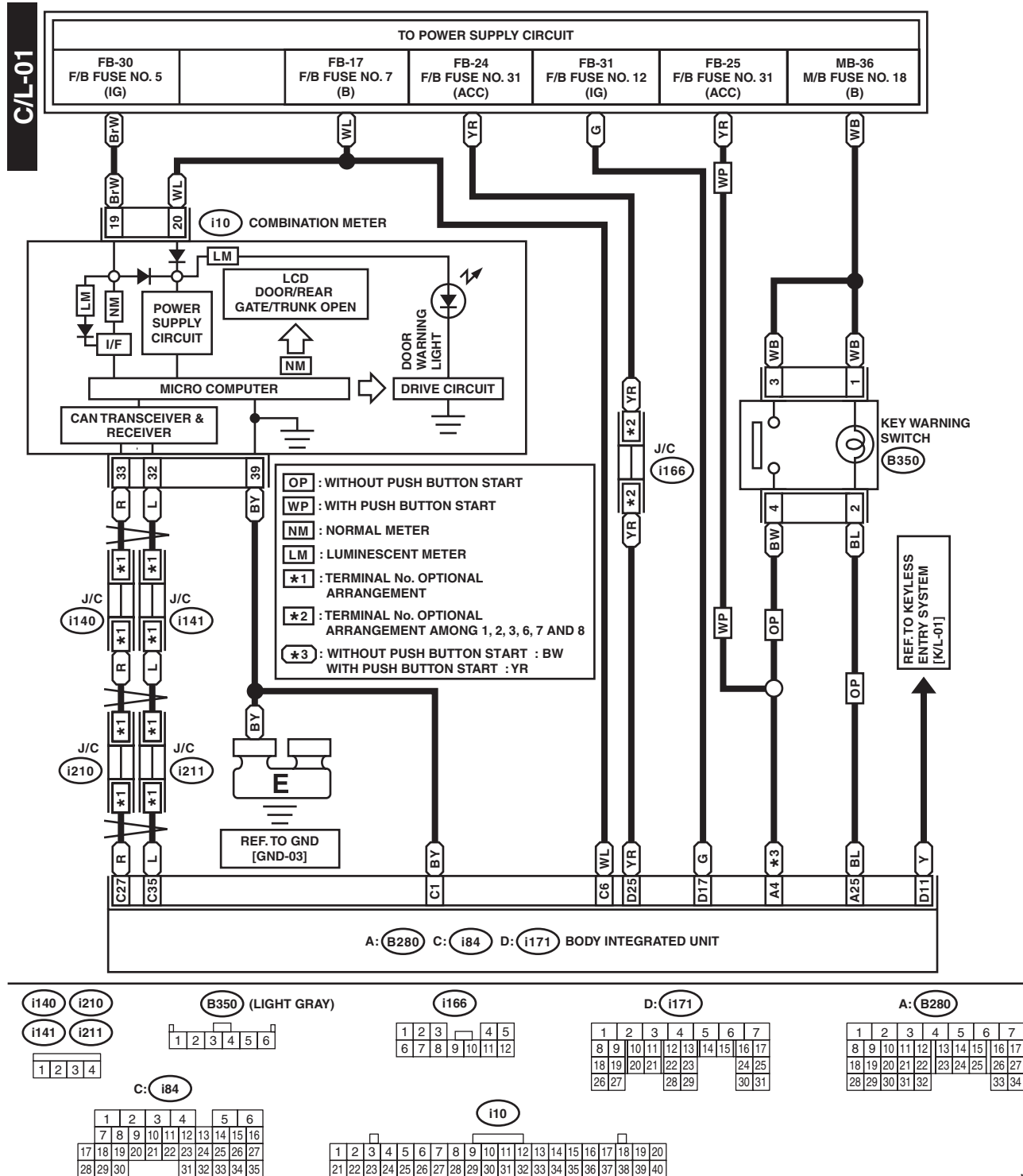
WI-41351

Interior Light System

WIRING SYSTEM

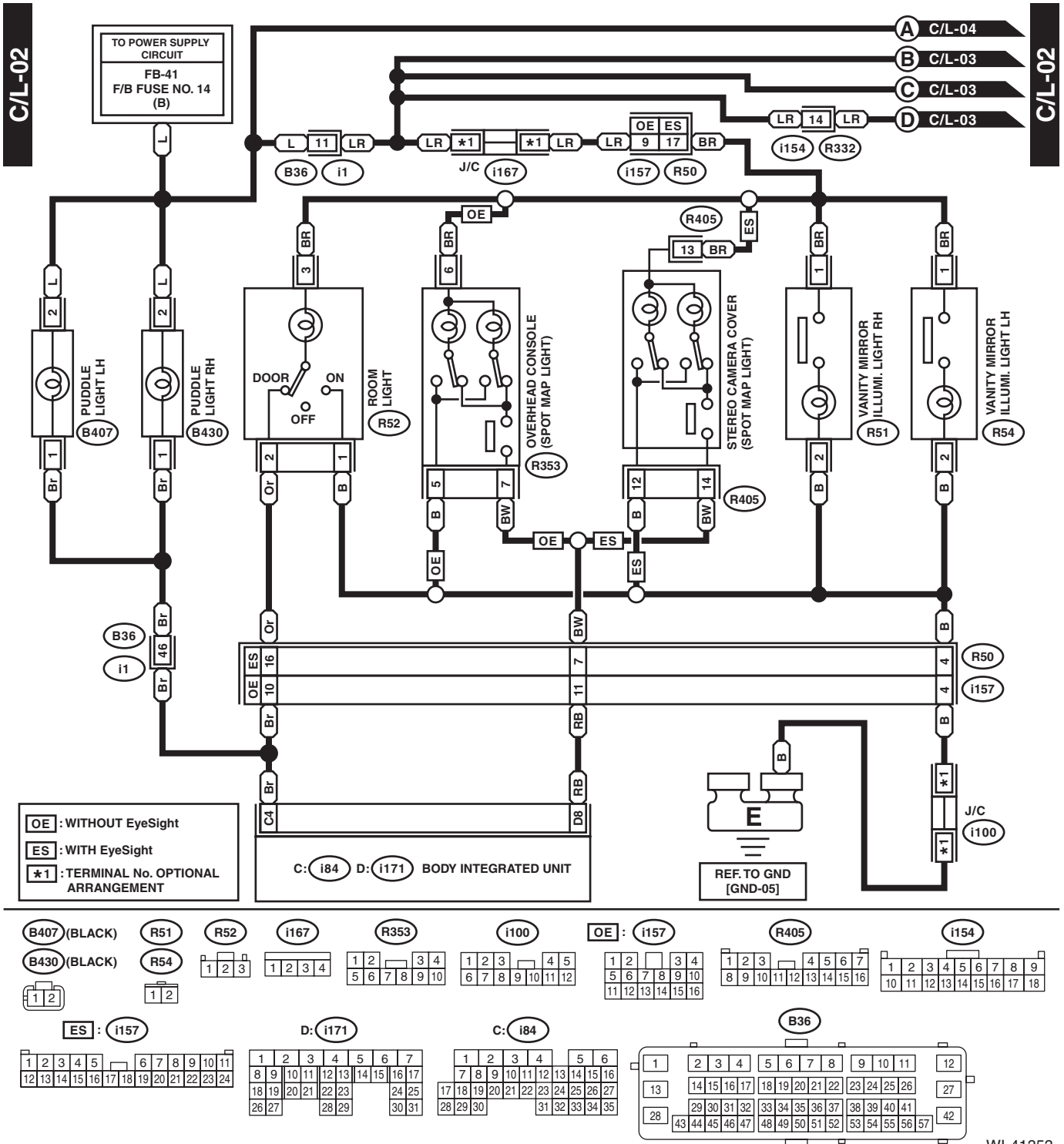
27. Interior Light System

A: WIRING DIAGRAM



Interior Light System

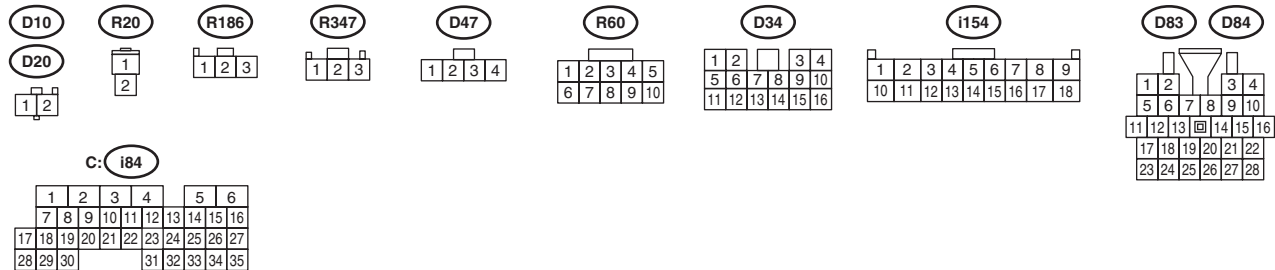
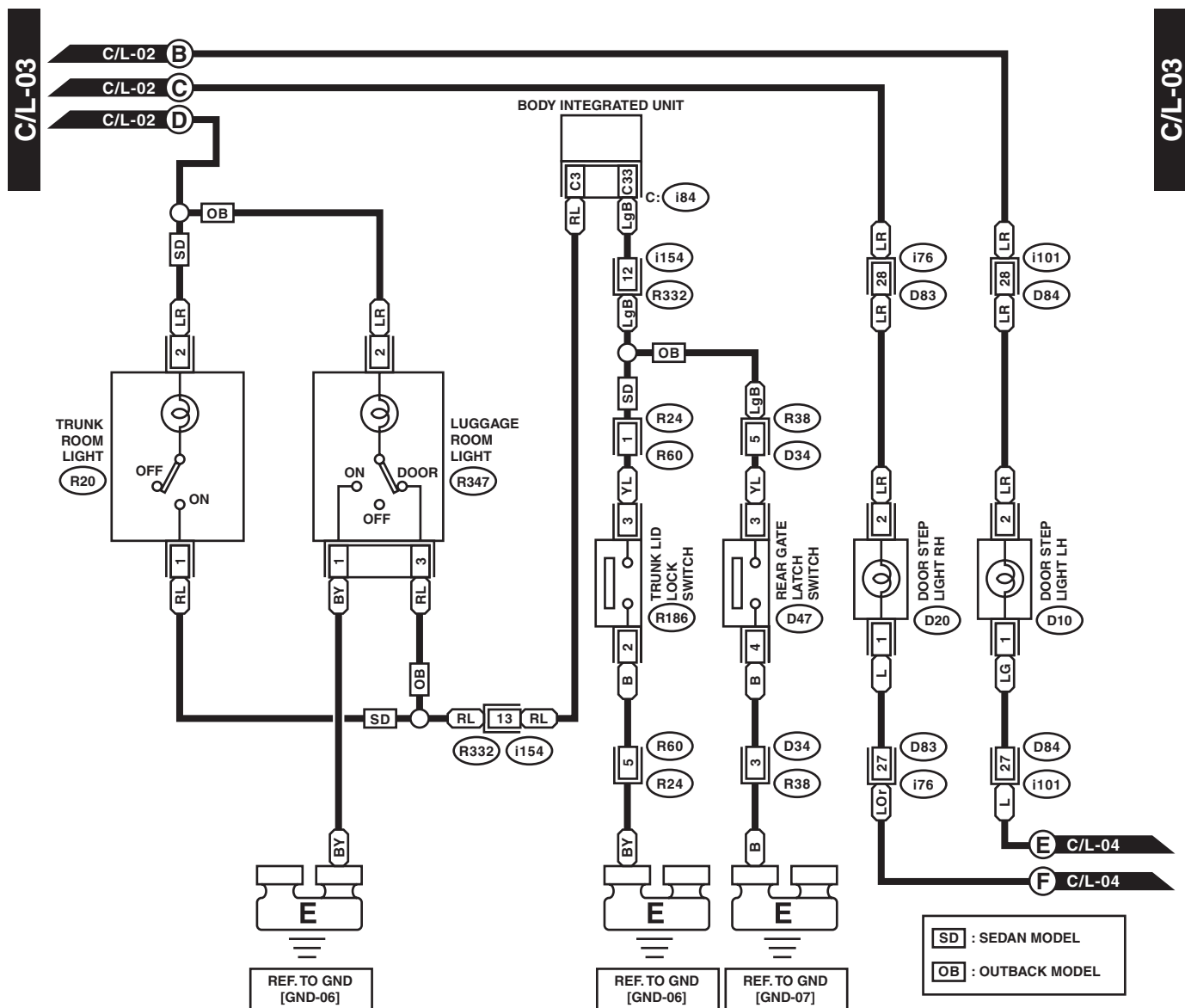
WIRING SYSTEM



WI-41353

Interior Light System

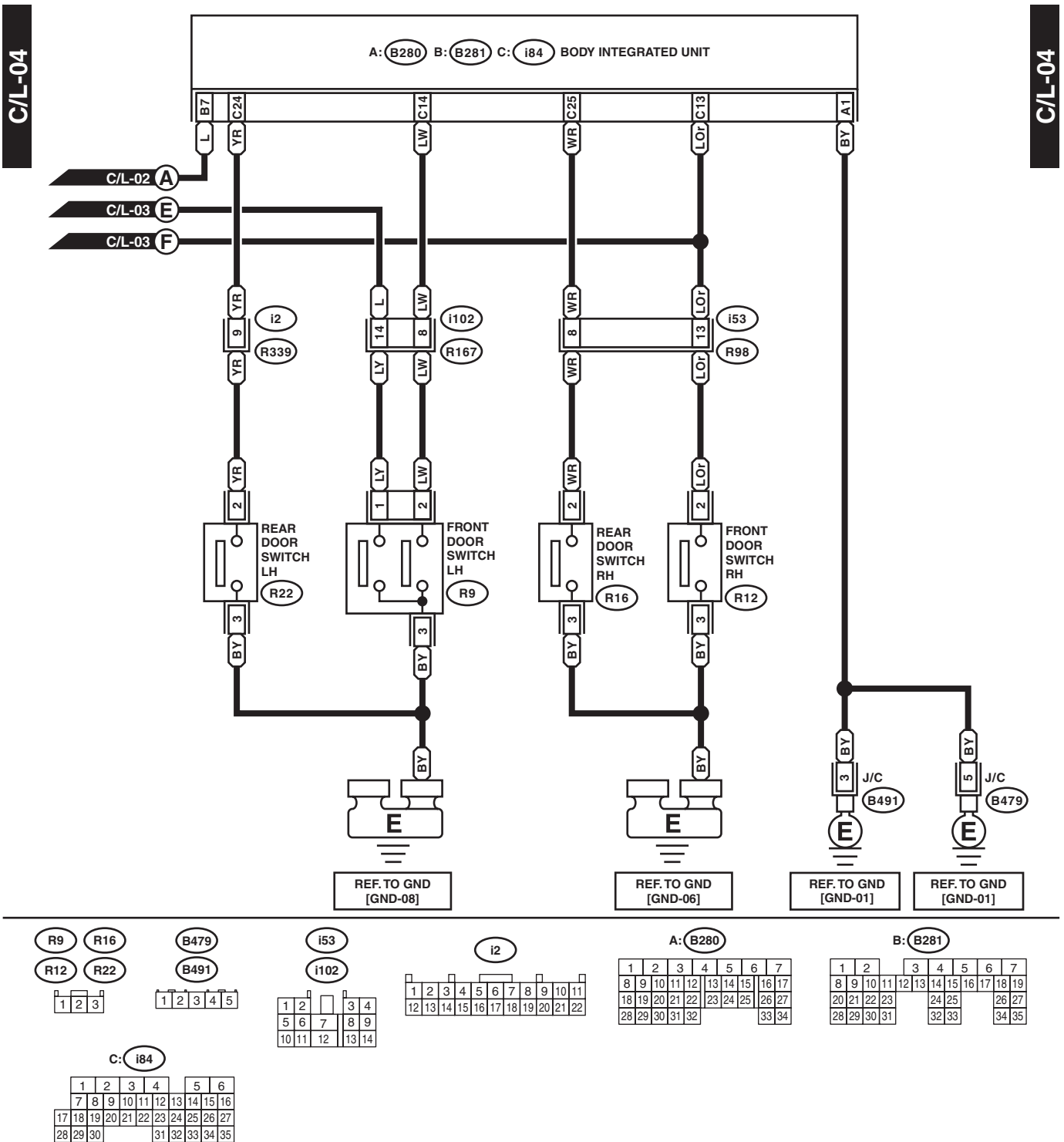
WIRING SYSTEM



WI-41354

Interior Light System

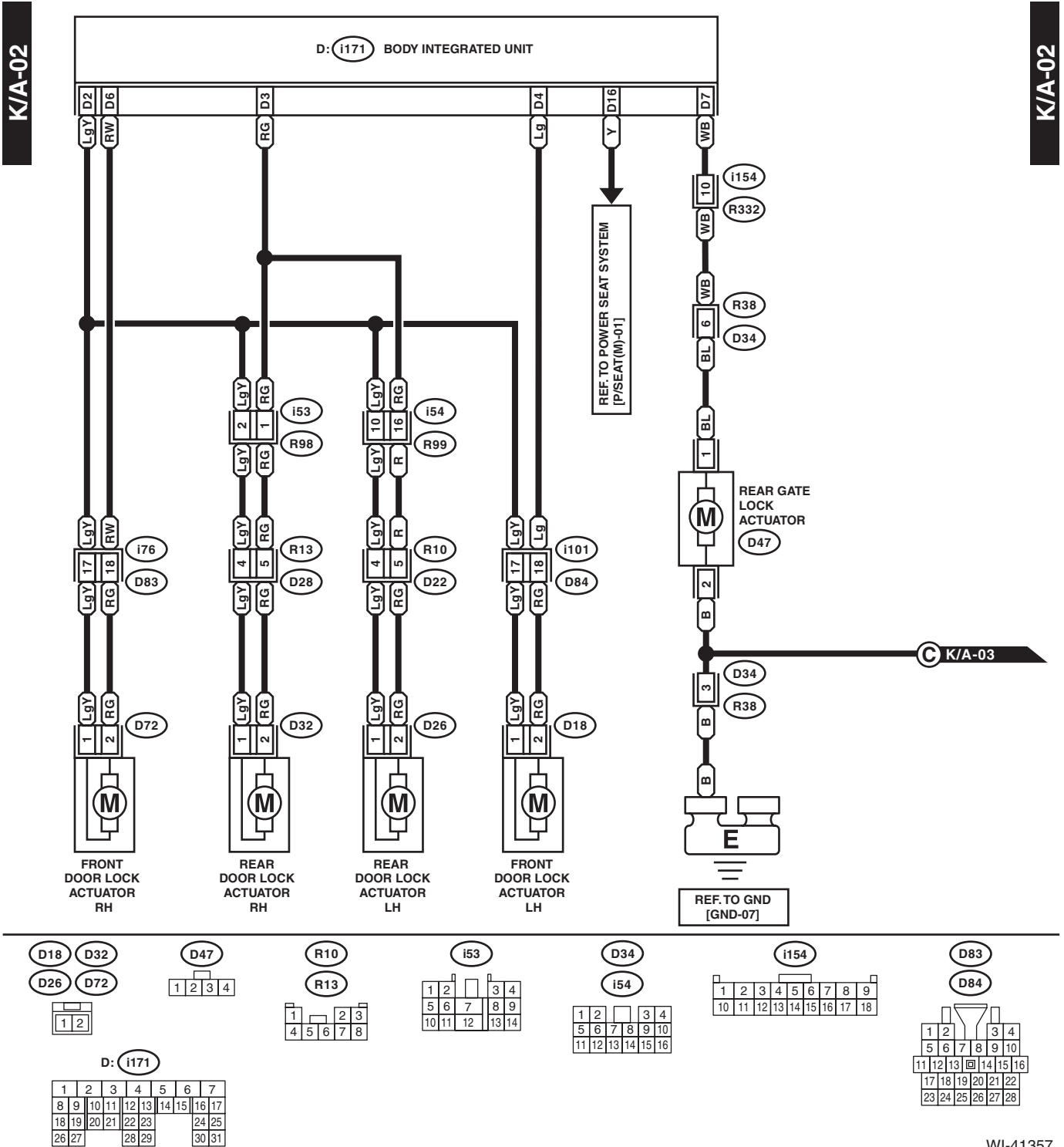
WIRING SYSTEM



WI-41355

A: WIRING DIAGRAM

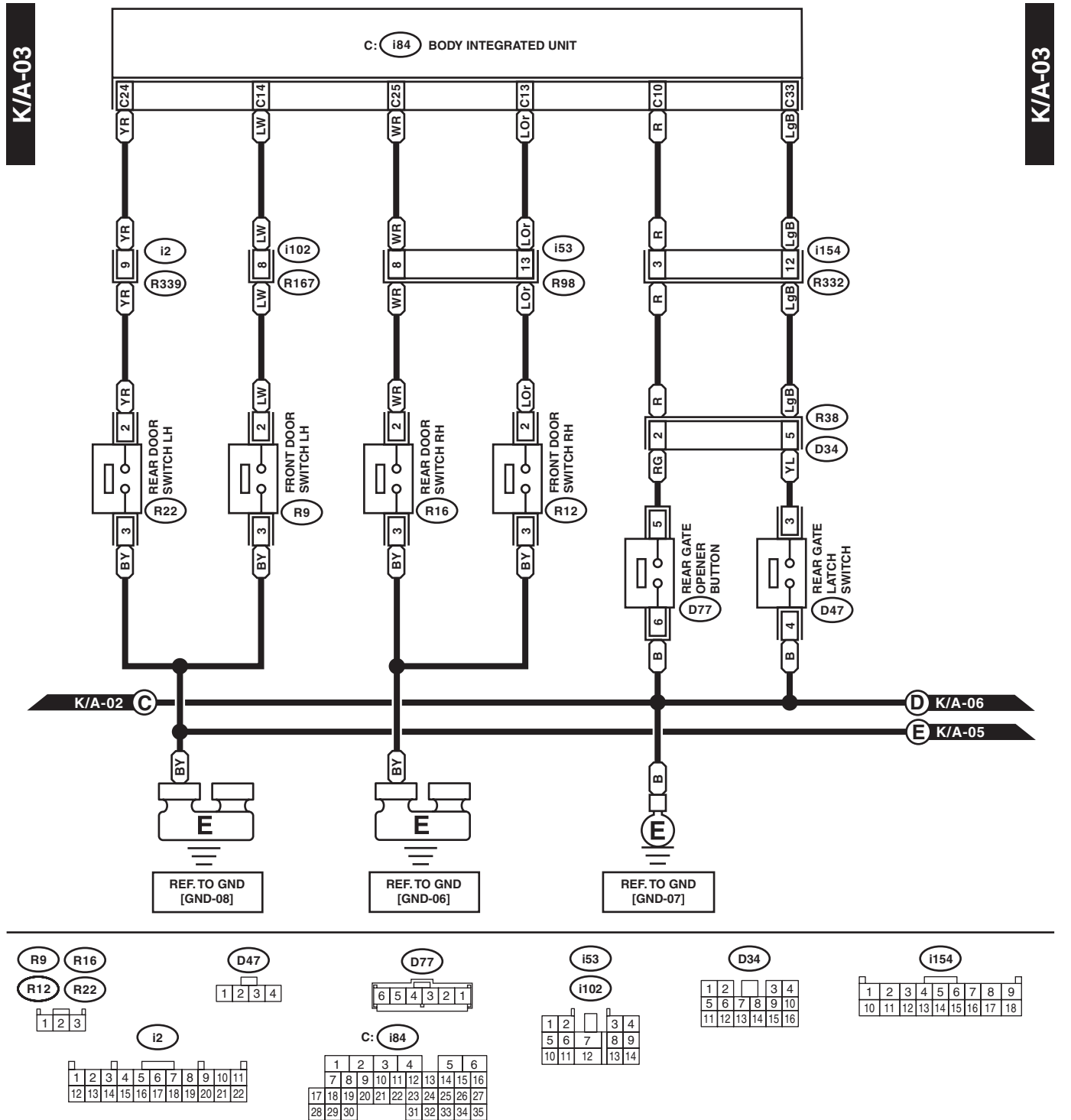




WI-41357

Keyless Access System

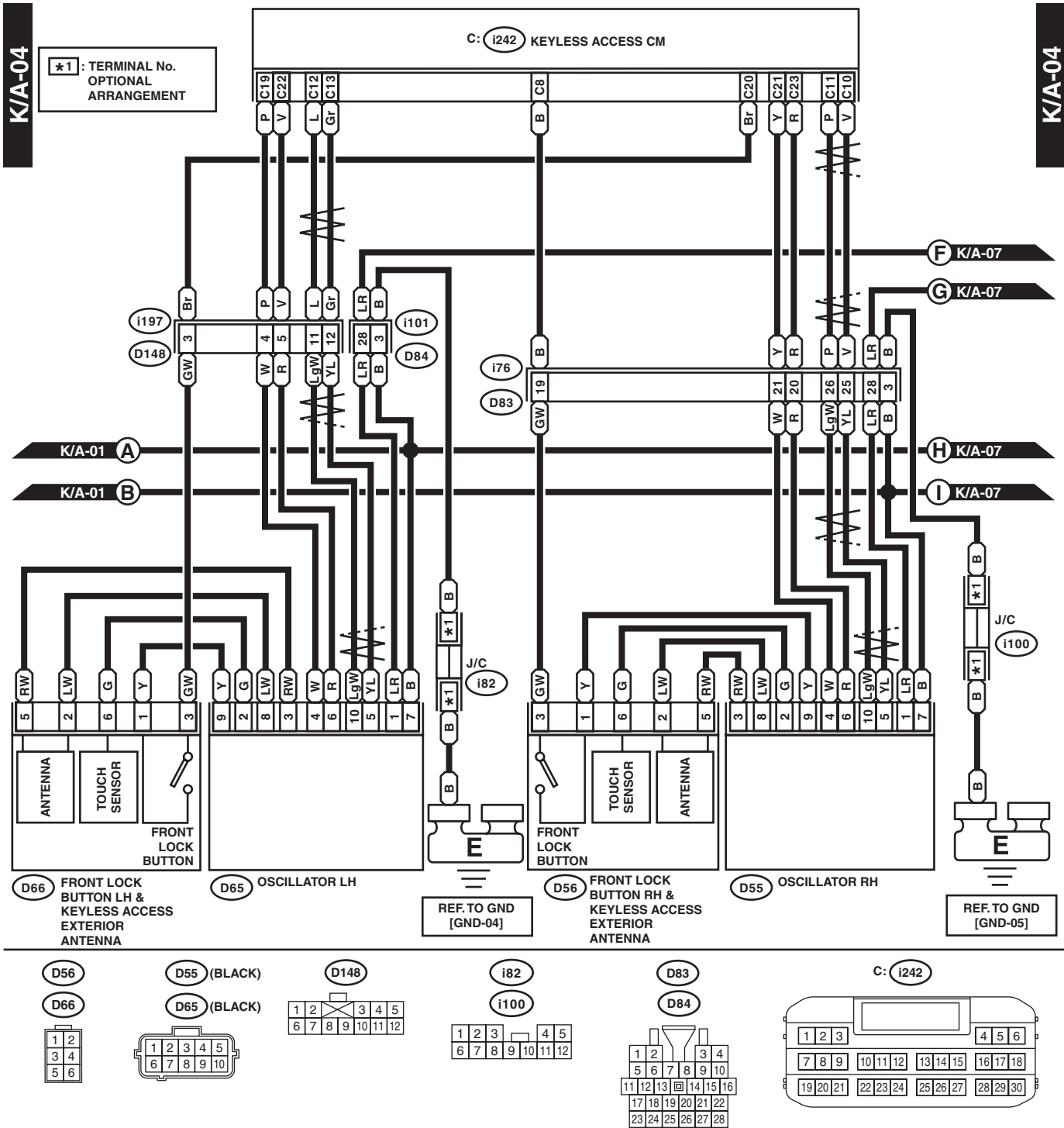
WIRING SYSTEM



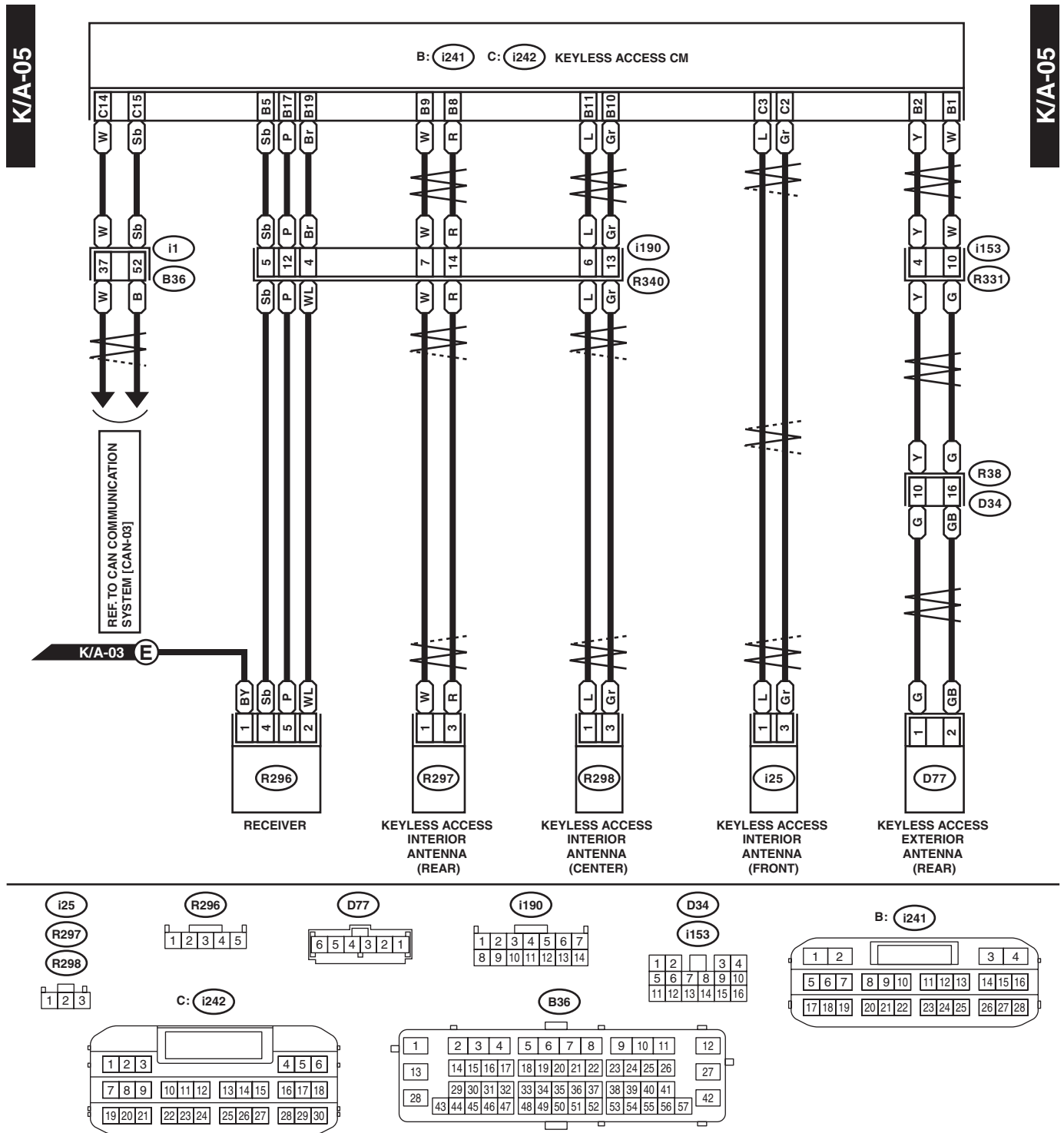
WI-41358

Keyless Access System

WIRING SYSTEM

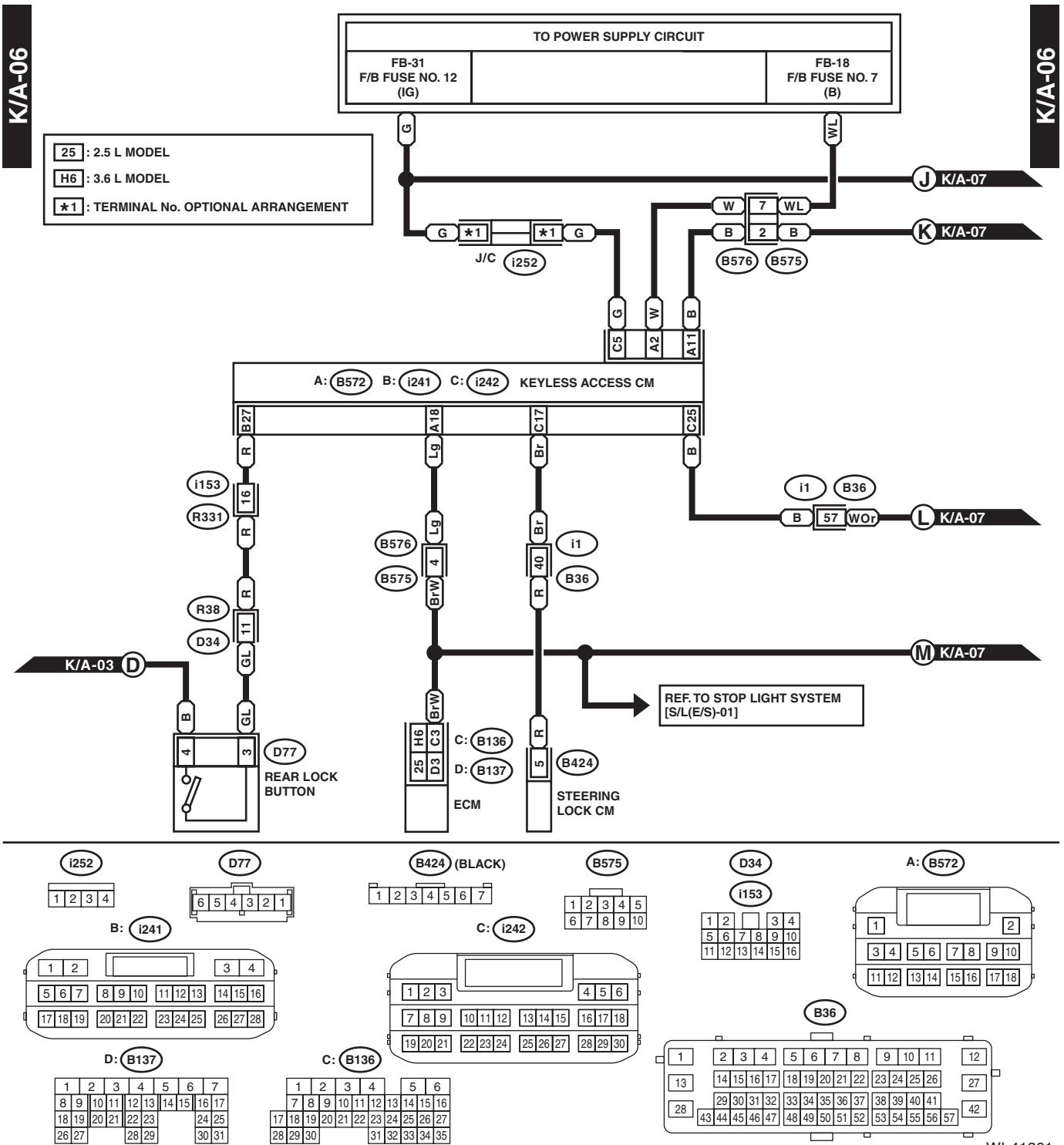


WI-41359



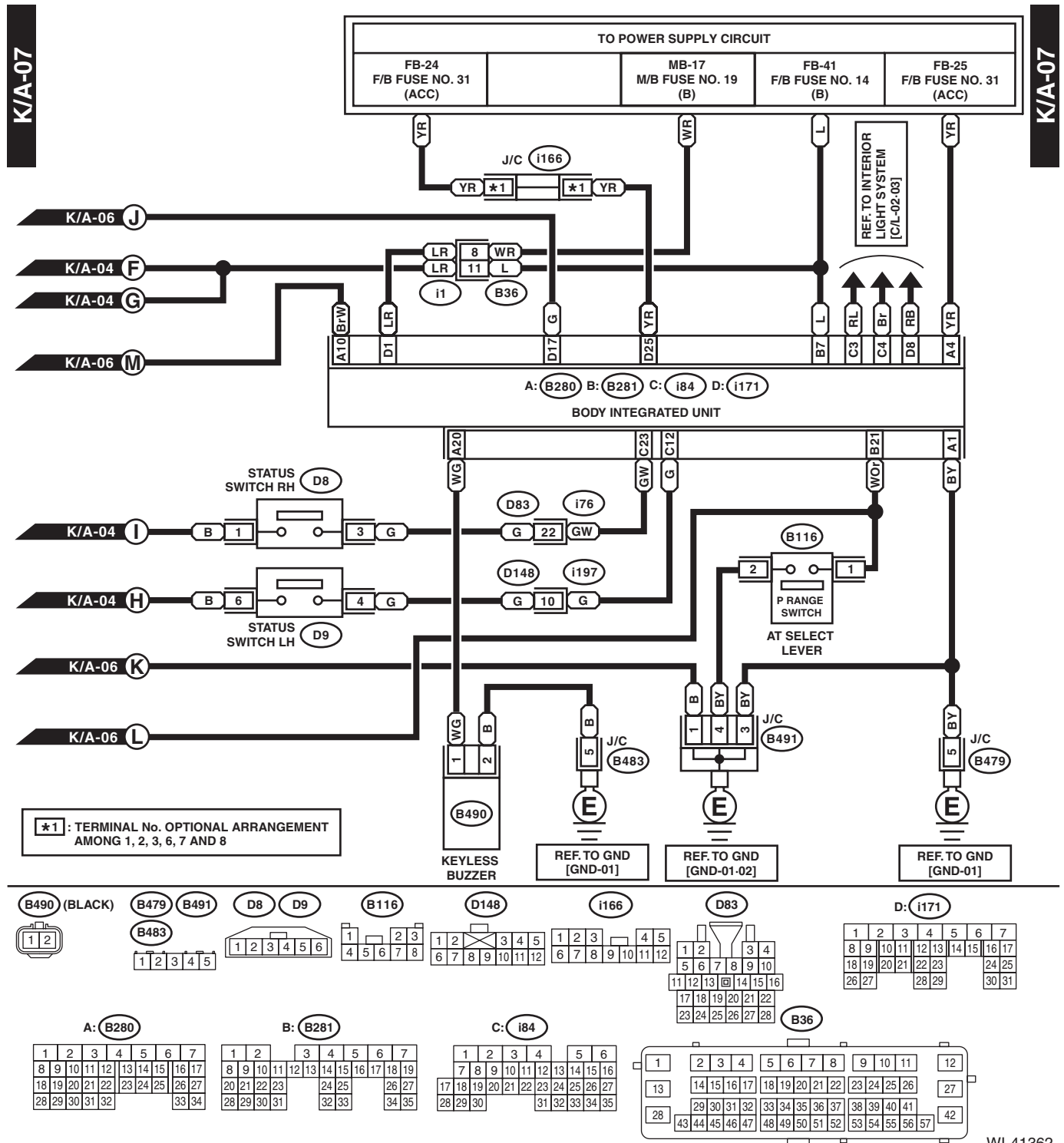
Keyless Access System

WIRING SYSTEM

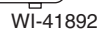


Keyless Access System

WIRING SYSTEM

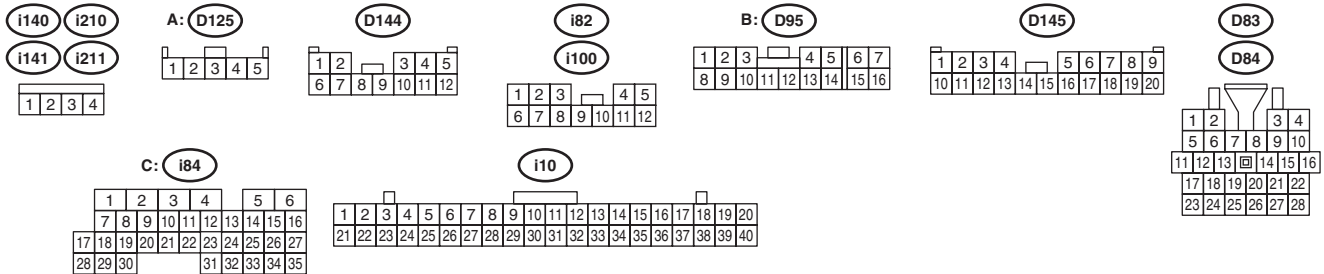
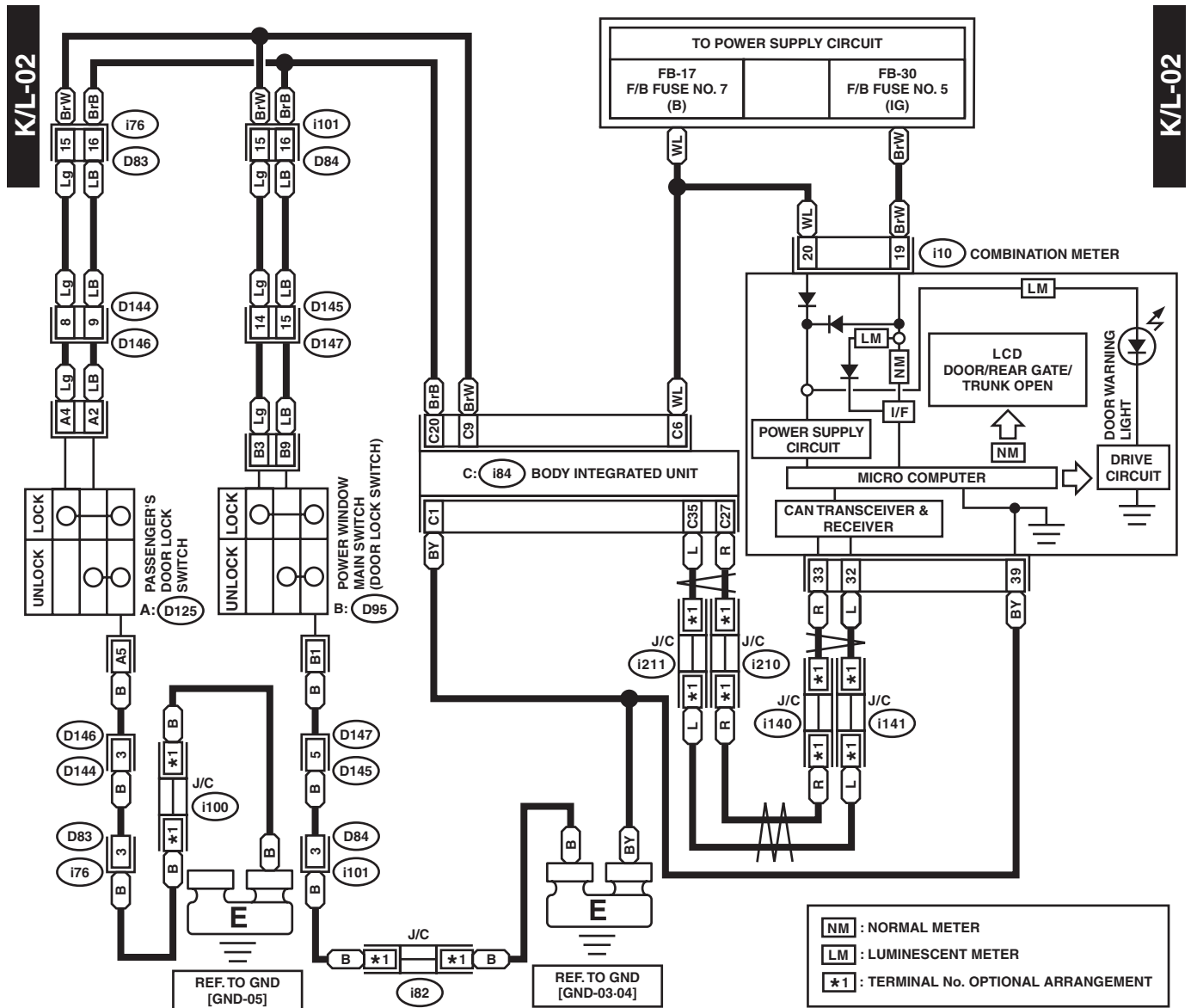


A: WIRING DIAGRAM



Keyless Entry System

WIRING SYSTEM



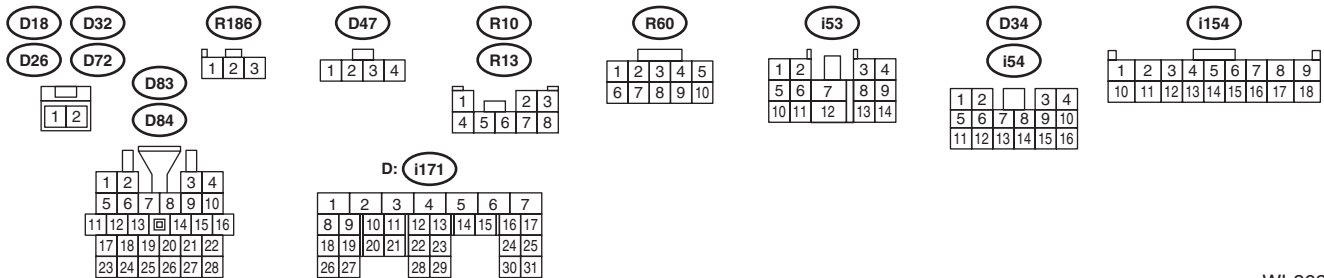
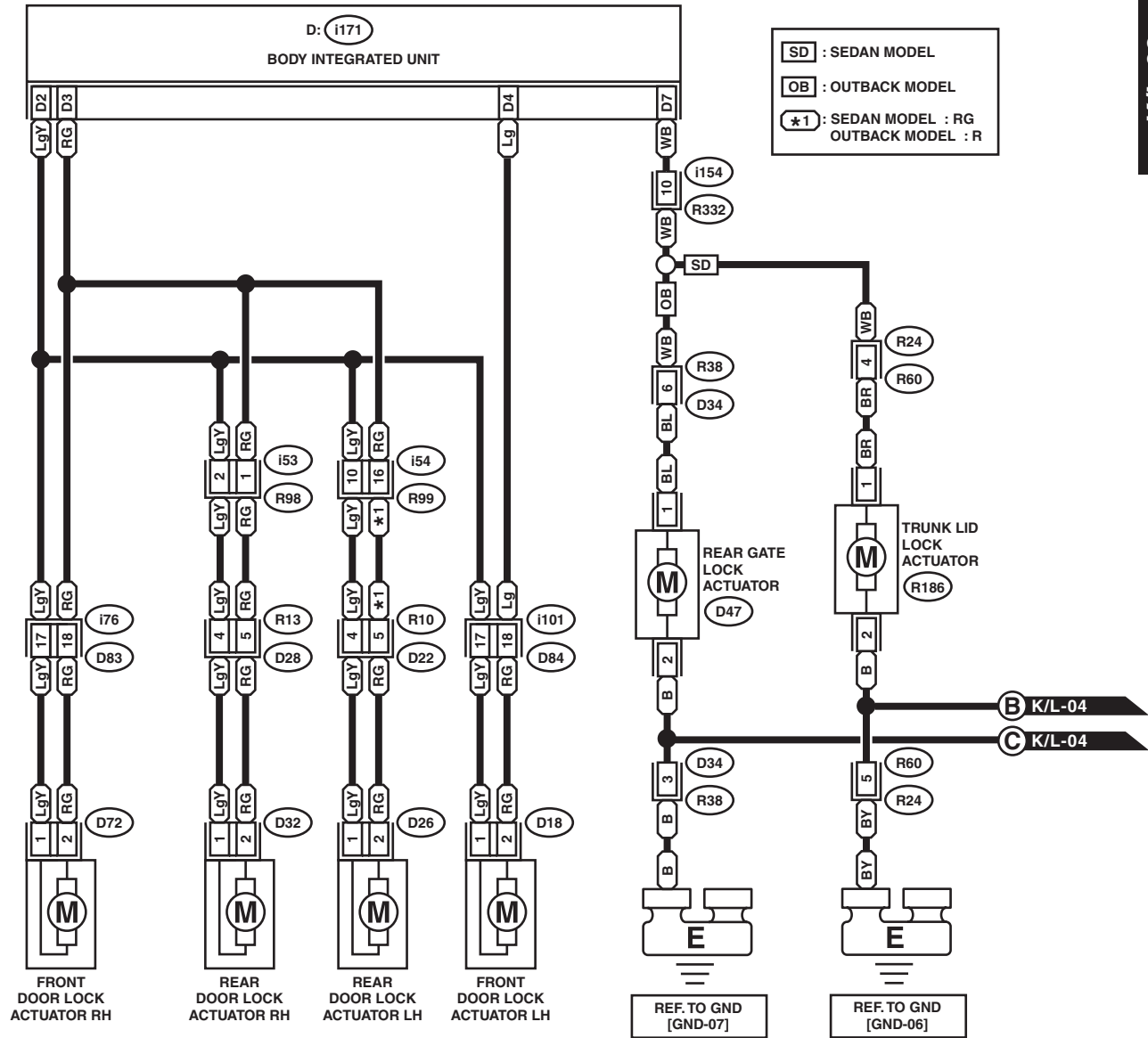
WI-41363

Keyless Entry System

WIRING SYSTEM

K/L-03

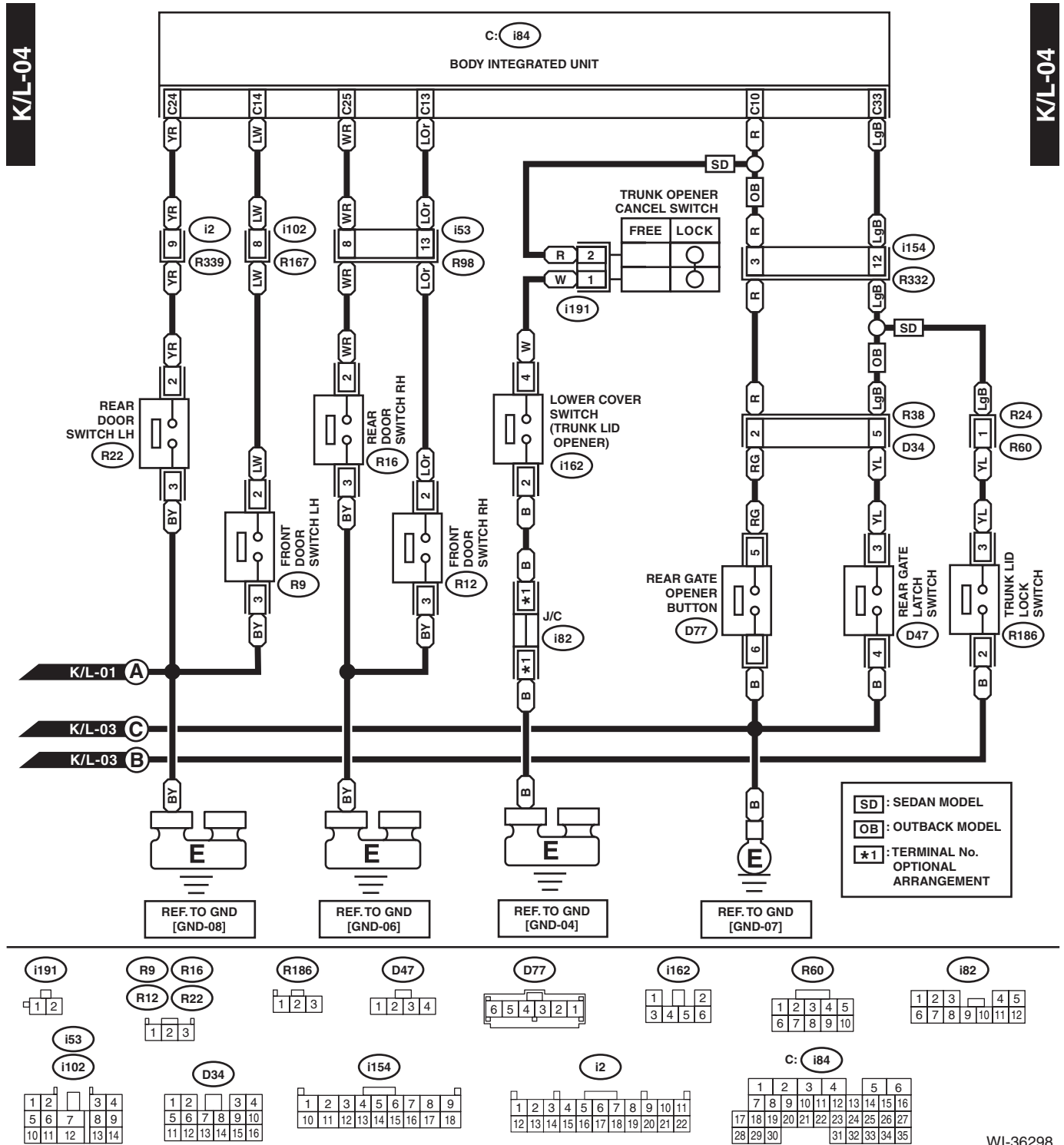
K/L-03



WI-36297

Keyless Entry System

WIRING SYSTEM

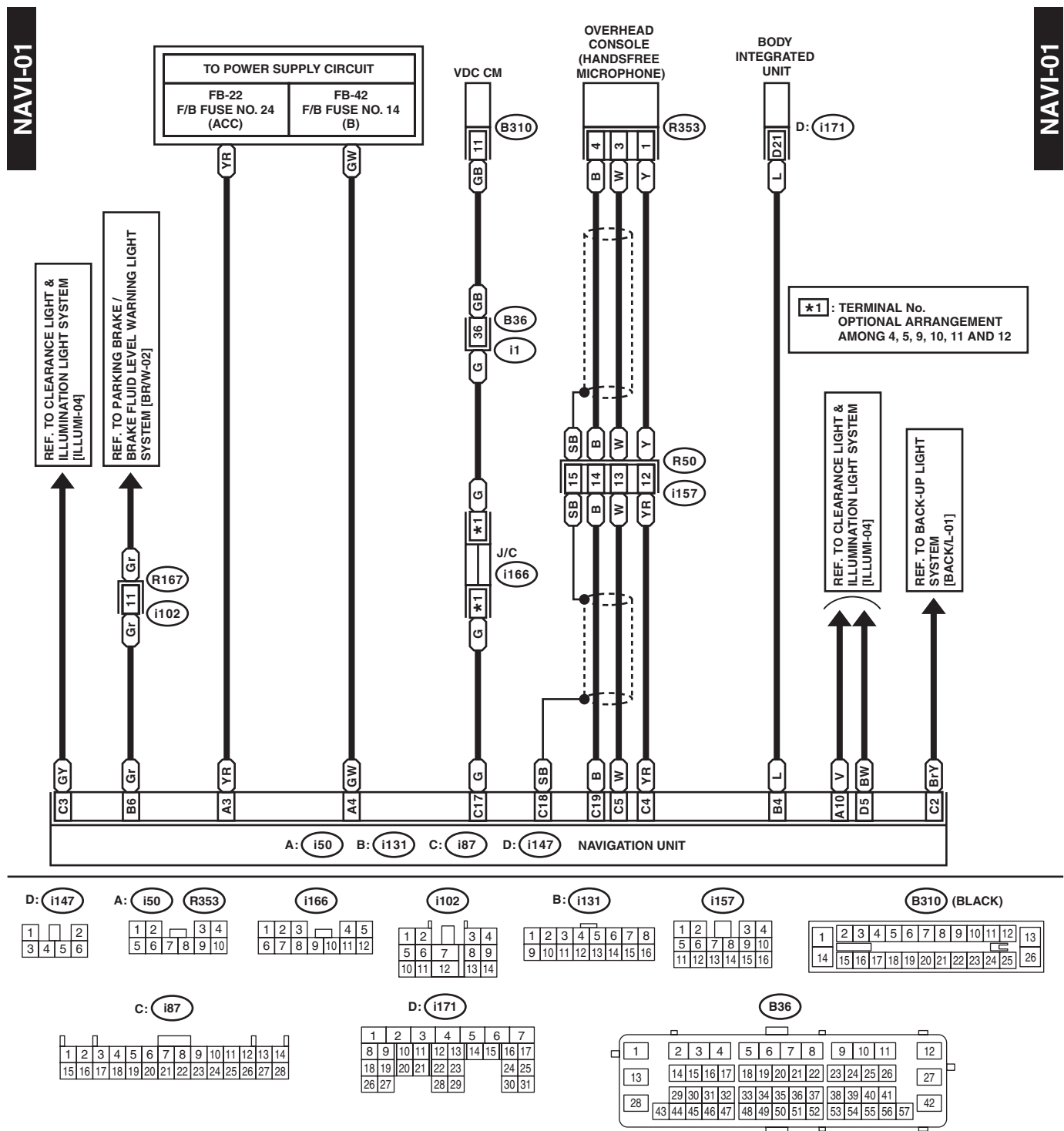


WI-36298

30. Navigation System

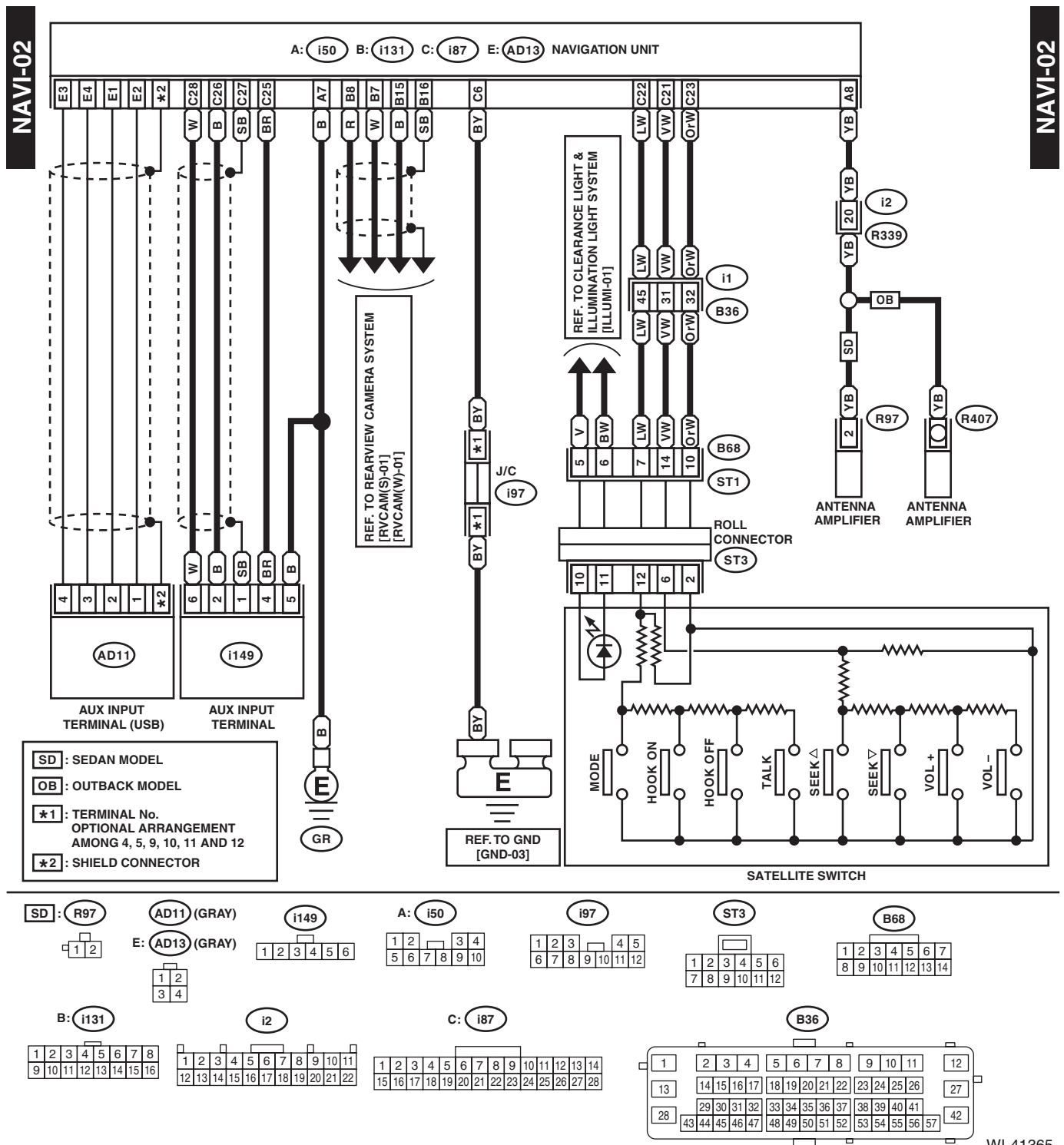
A: WIRING DIAGRAM

1. MODEL WITH STANDARD NAVIGATION



WI-41364

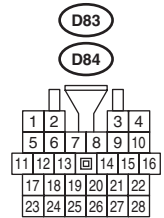
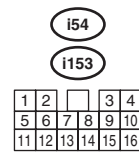
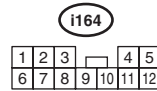
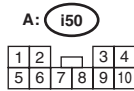
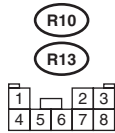
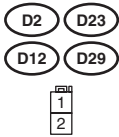
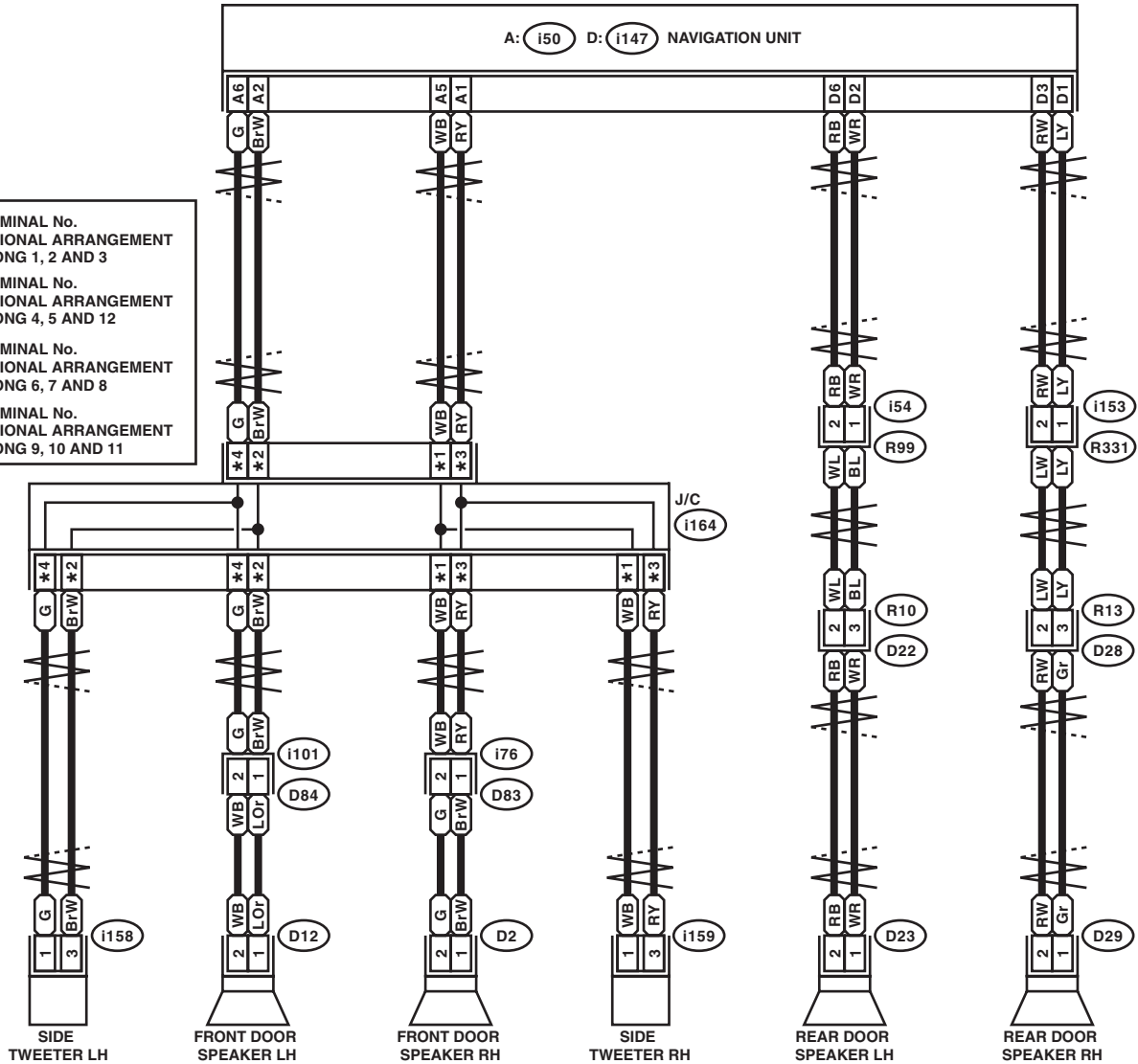
WIRING SYSTEM



NAVI-03

NAVI-03

- ★1 : TERMINAL No.
OPTIONAL ARRANGEMENT
AMONG 1, 2 AND 3
- ★2 : TERMINAL No.
OPTIONAL ARRANGEMENT
AMONG 4, 5 AND 12
- ★3 : TERMINAL No.
OPTIONAL ARRANGEMENT
AMONG 6, 7 AND 8
- ★4 : TERMINAL No.
OPTIONAL ARRANGEMENT
AMONG 9, 10 AND 11

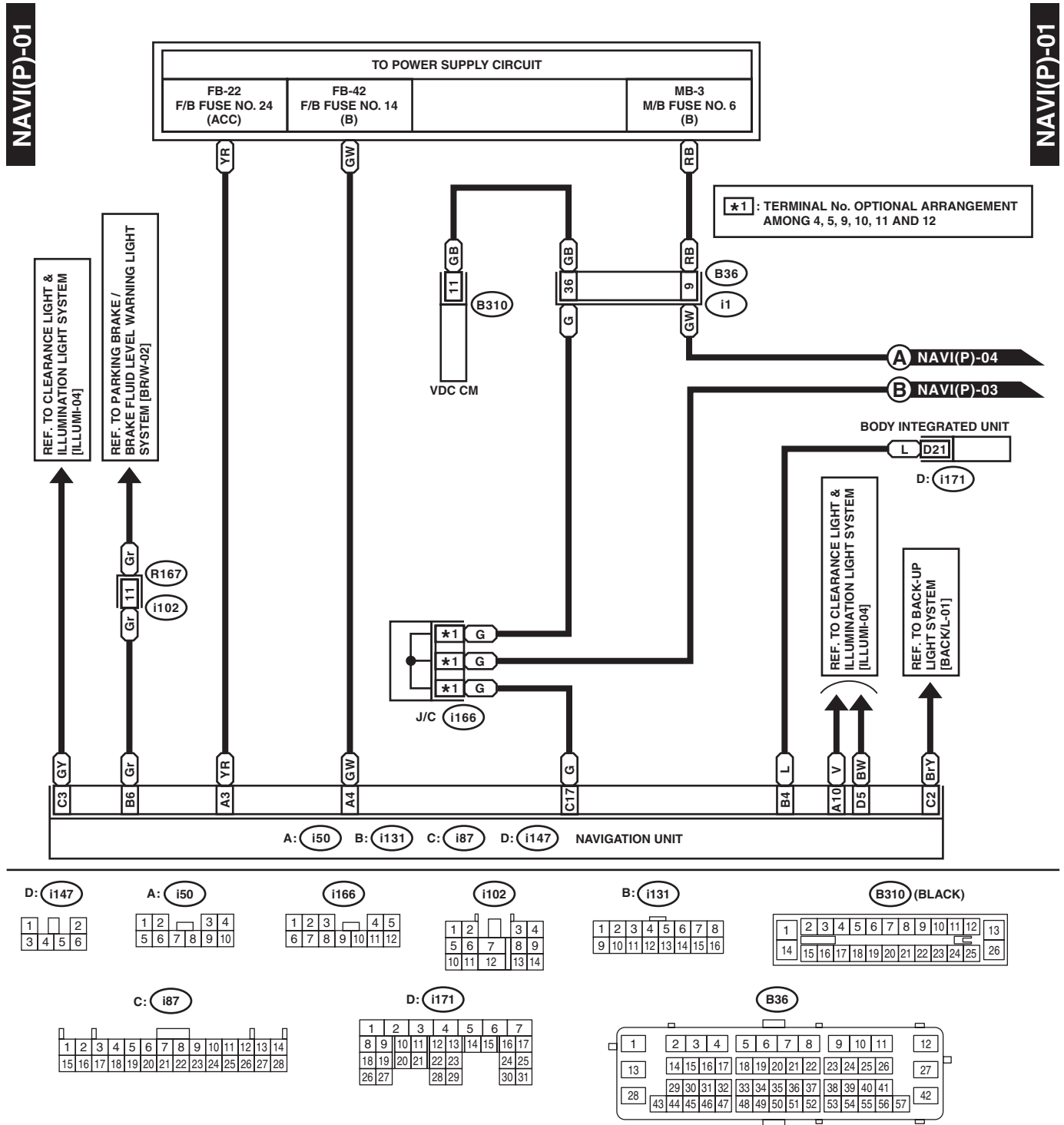


WI-41366

Navigation System

WIRING SYSTEM

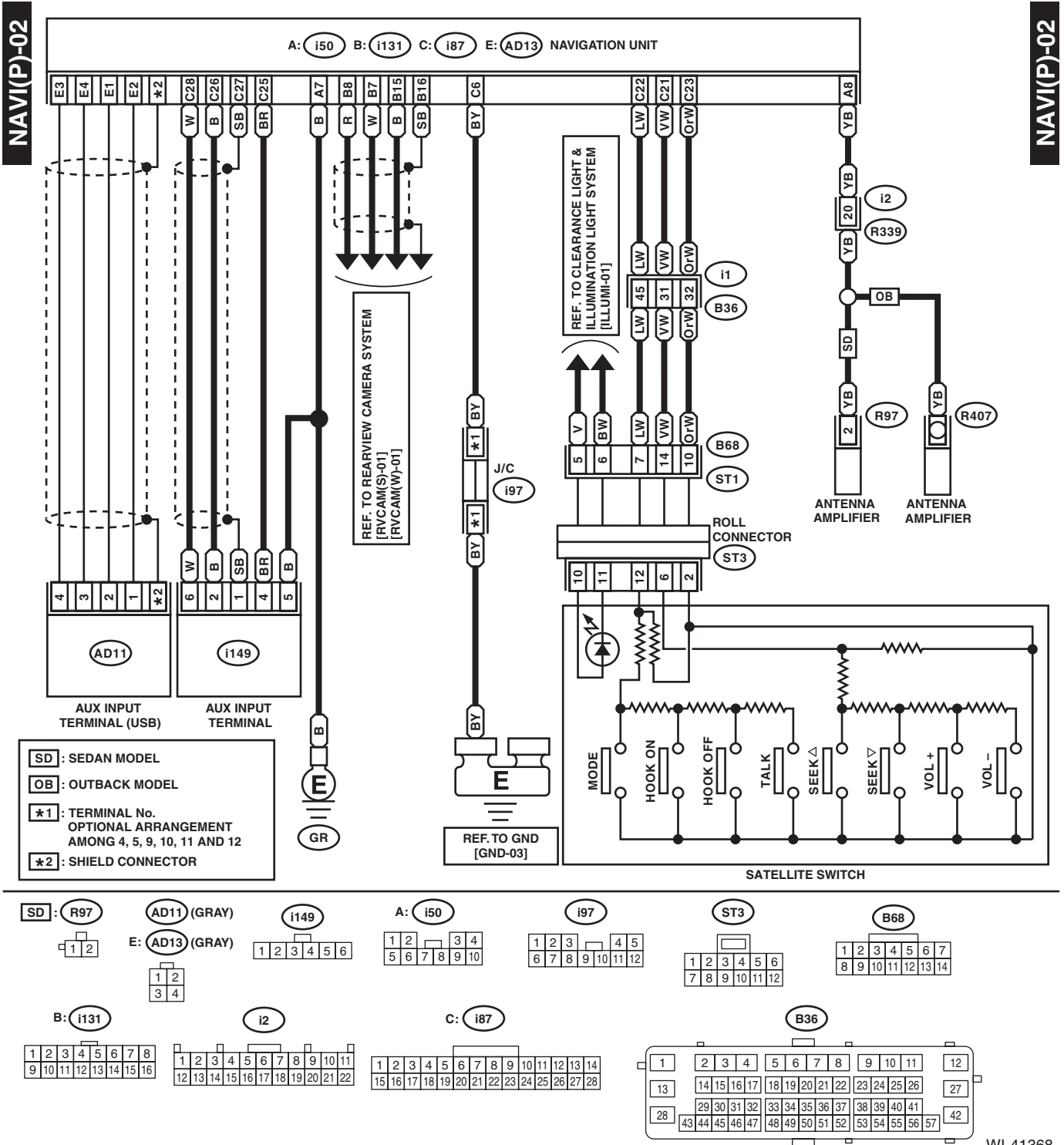
2. MODEL WITH PREMIUM NAVIGATION



WI-41367

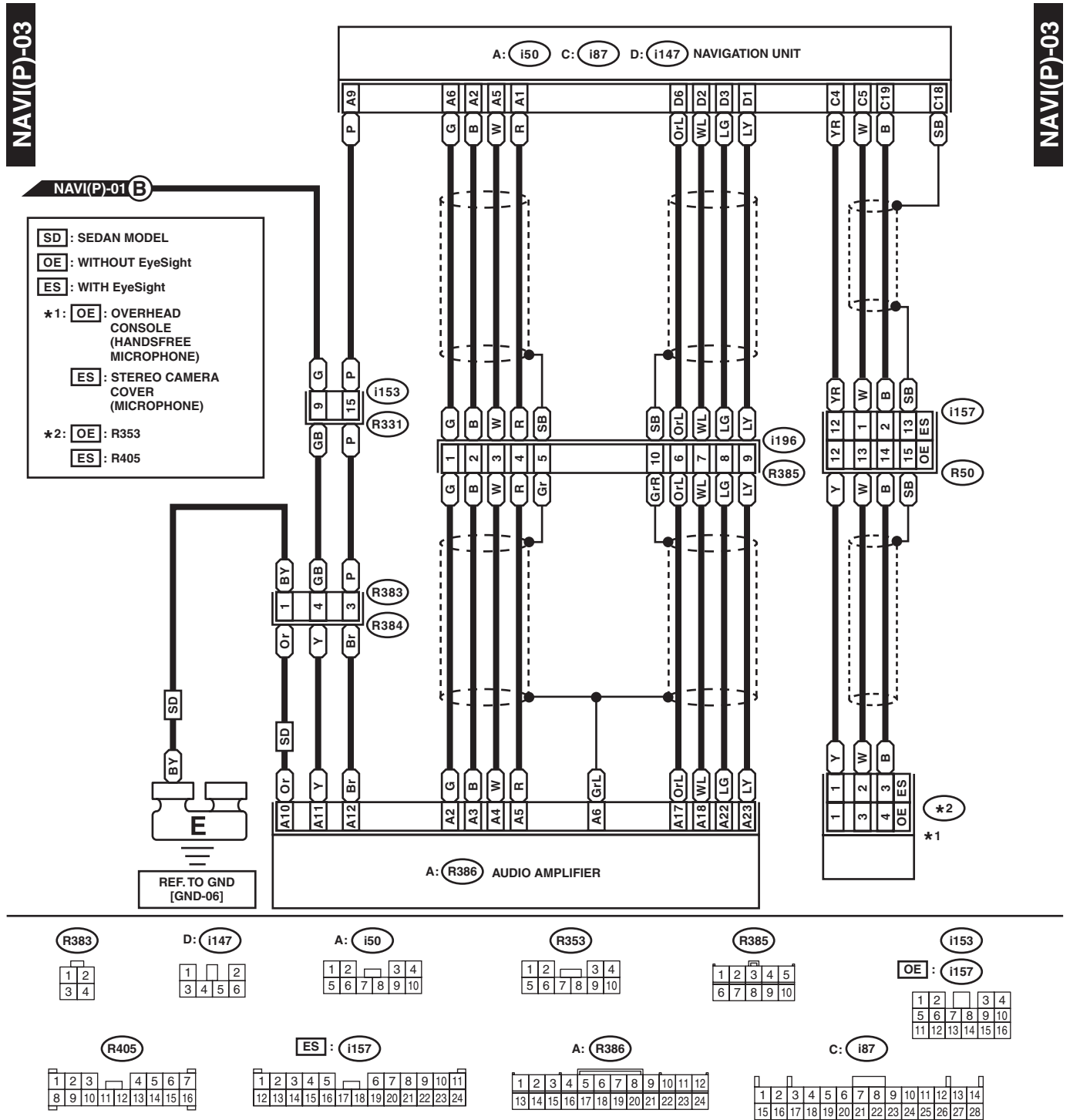
Navigation System

WIRING SYSTEM



Navigation System

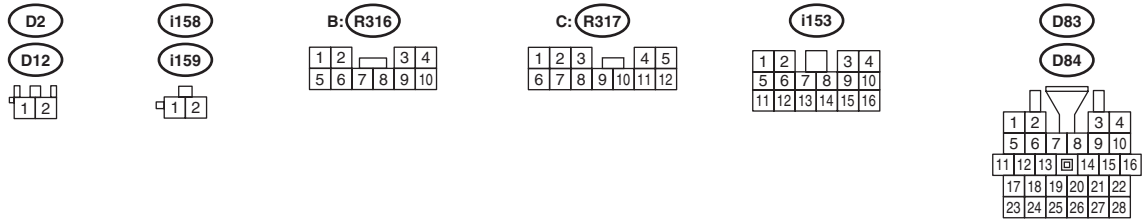
WIRING SYSTEM



WI-41369

WIRING SYSTEM

NAVI(P)-04

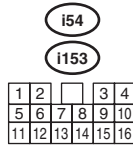
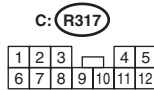
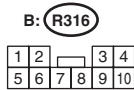
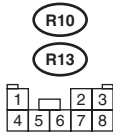
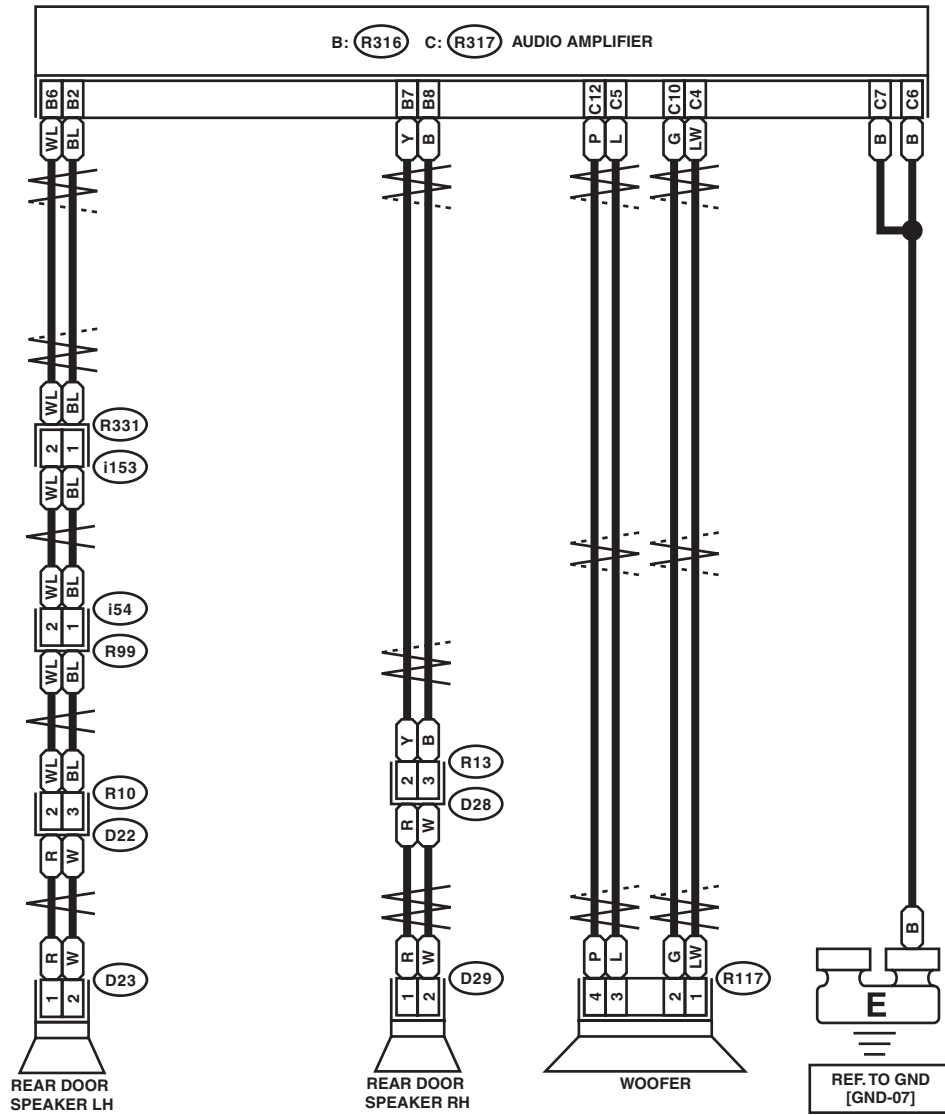
**WI-225**

Navigation System

WIRING SYSTEM

NAVI(P)-05

NAVI(P)-05



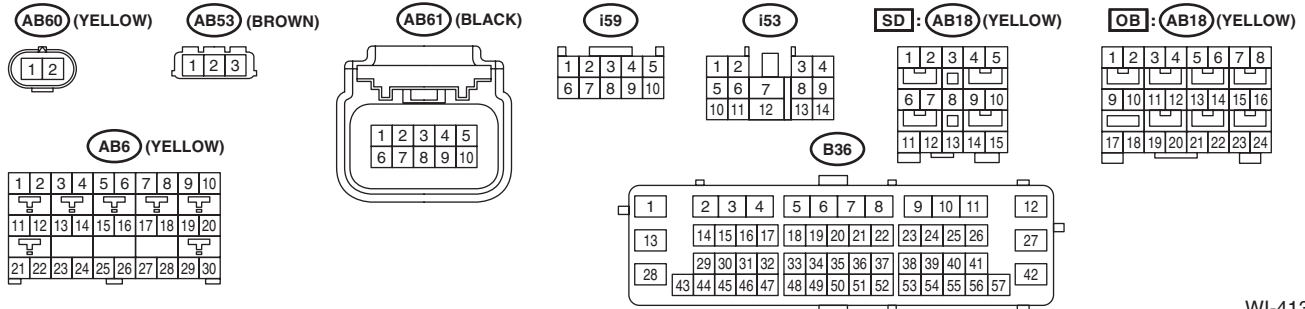
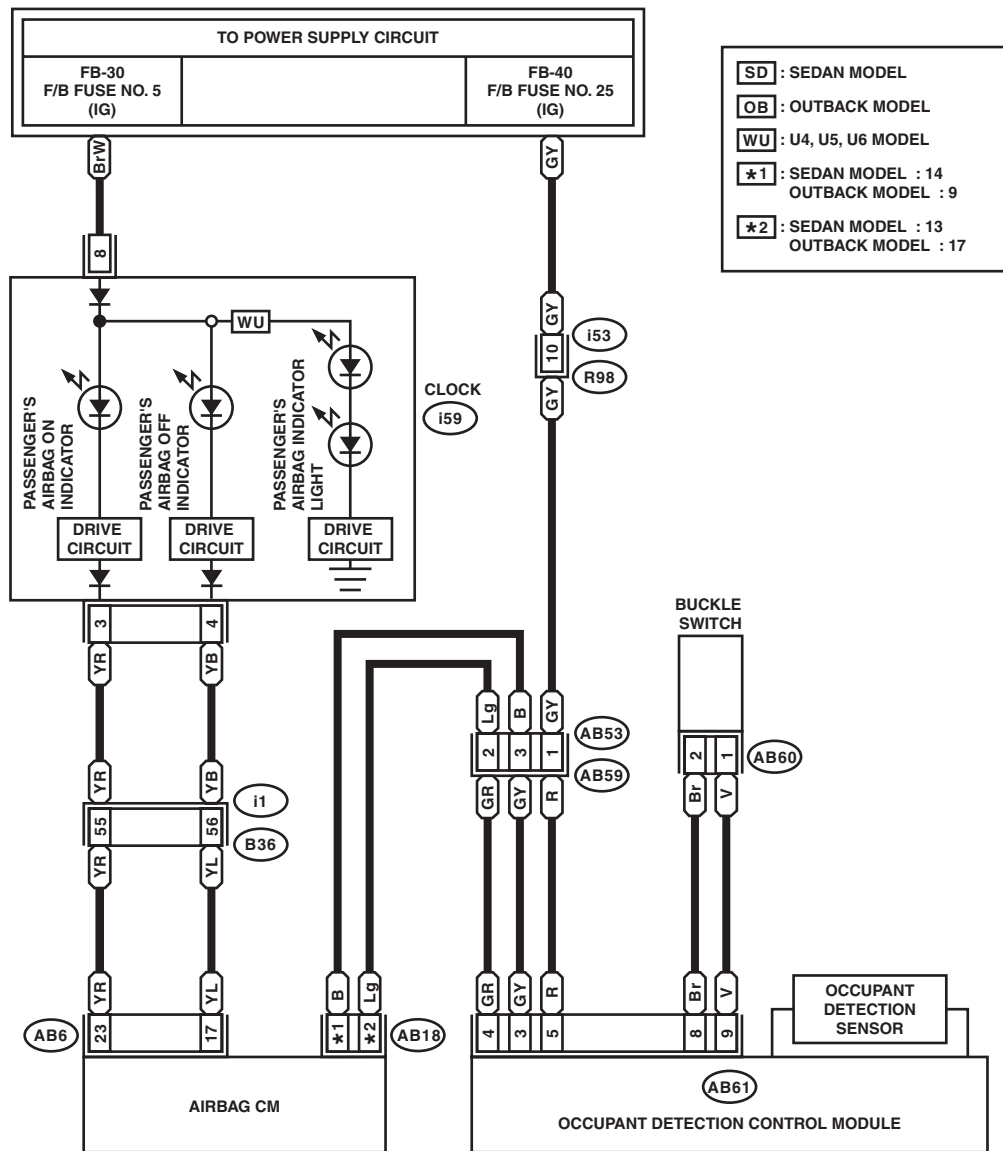
WI-41371

31. Occupant Detection System

A: WIRING DIAGRAM

ODS-01

ODS-01



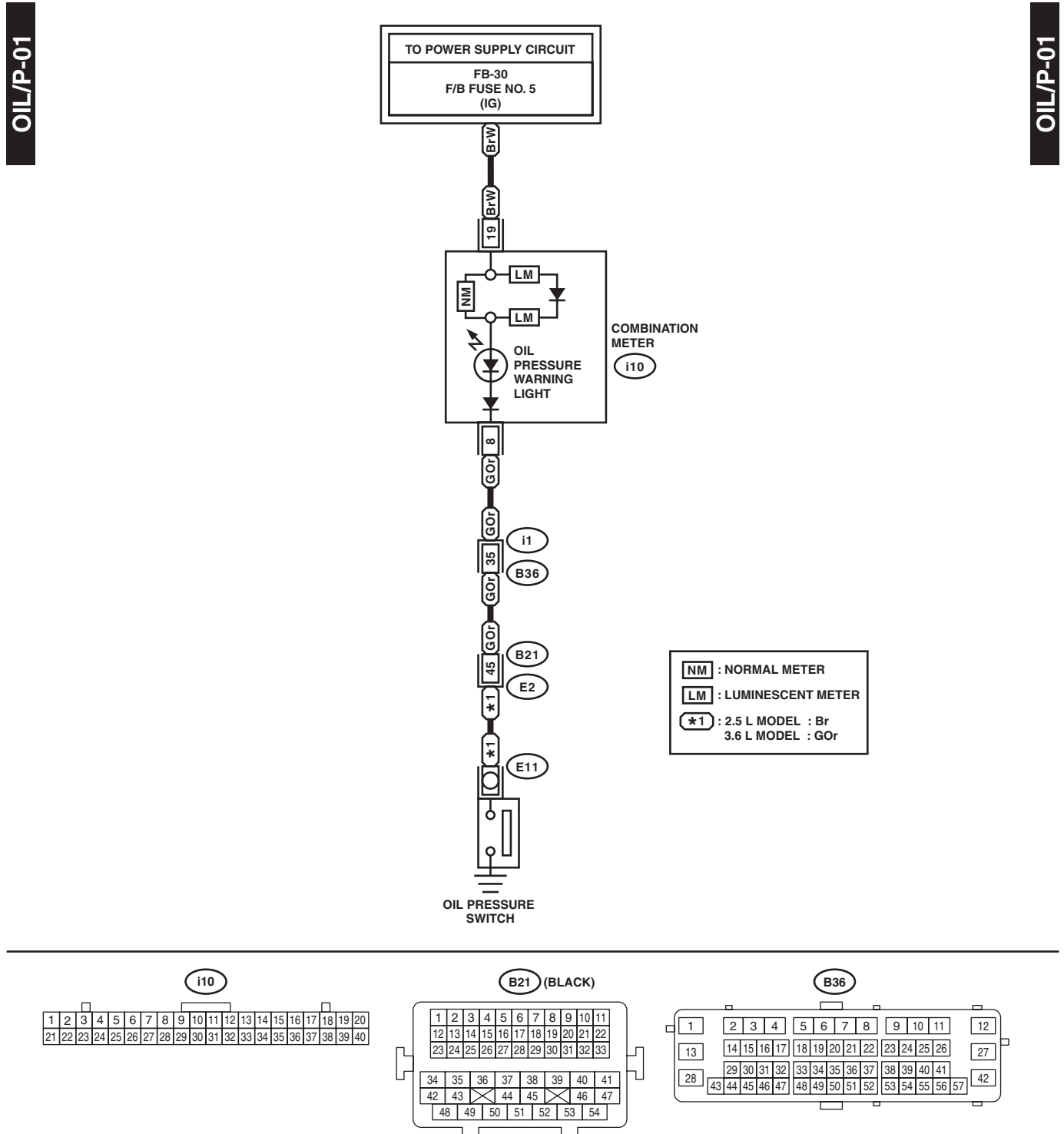
WI-41372

Oil Pressure Warning Light System

WIRING SYSTEM

32.Oil Pressure Warning Light System

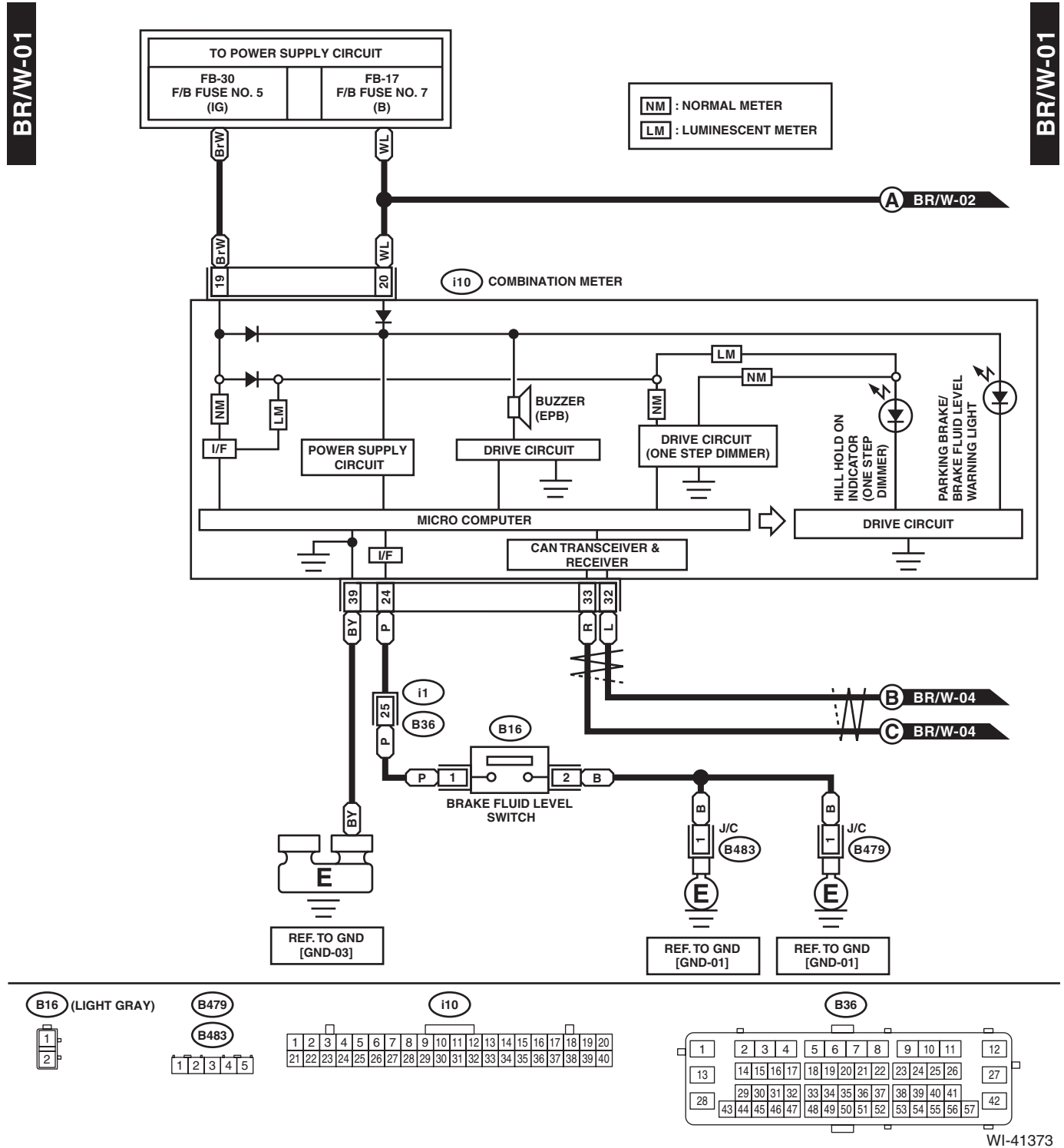
A: WIRING DIAGRAM



WI-36304

33. Parking Brake / Brake Fluid Level Warning Light System

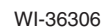
A: WIRING DIAGRAM



WIRING SYSTEM

BR/W-02

BR/W-02

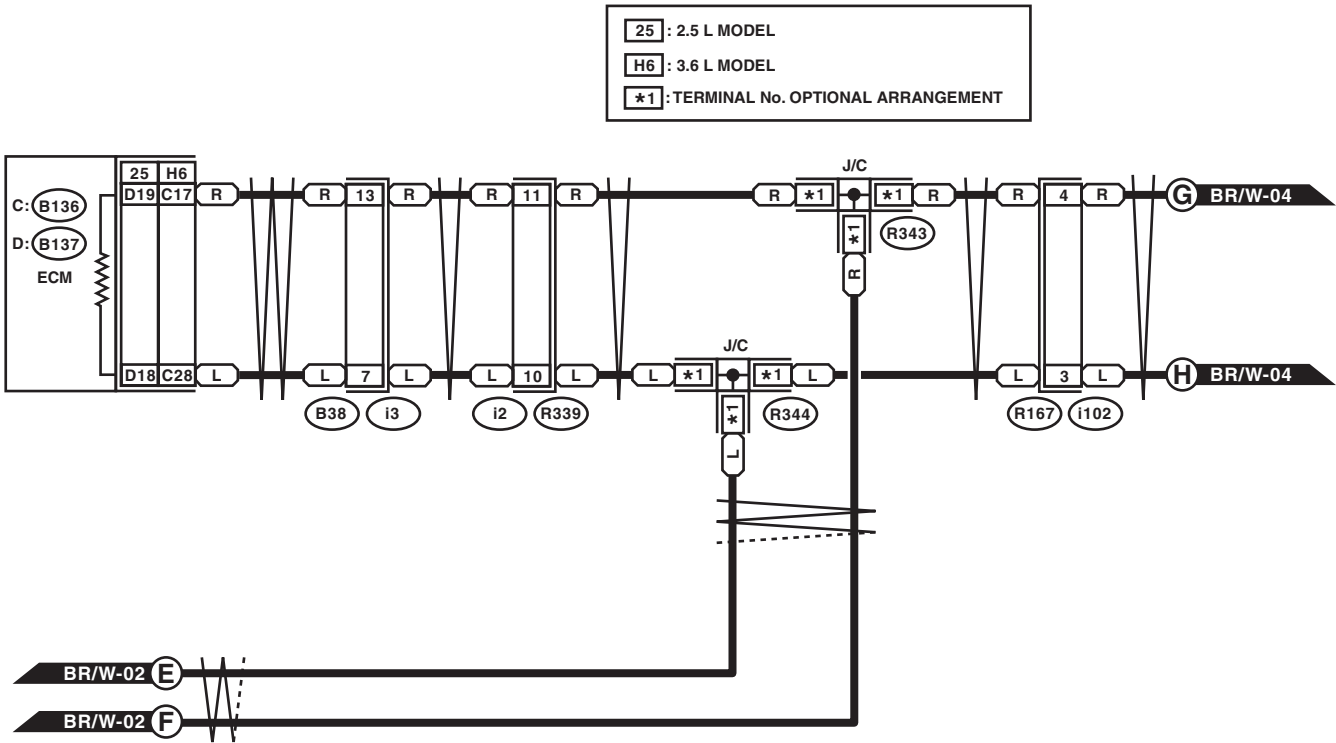


Parking Brake / Brake Fluid Level Warning Light System

WIRING SYSTEM

BR/W-03

BR/W-03



R343	R344
1	2
3	4

i102			
1	2		3 4
5	6	7	8 9
10	11	12	13 14

B38					
	1			2	
3	4			5	6
7	8	9		10	11
13	14	15	16	17	18
					19

i2											
1	2	3	4	5	6	7	8	9	10	11	
12	13	14	15	16	17	18	19	20	21	22	

D: **B137**

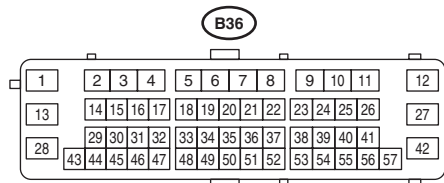
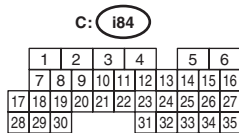
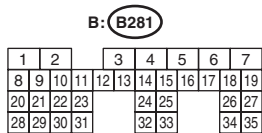
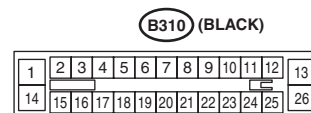
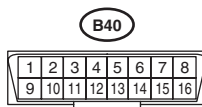
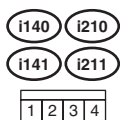
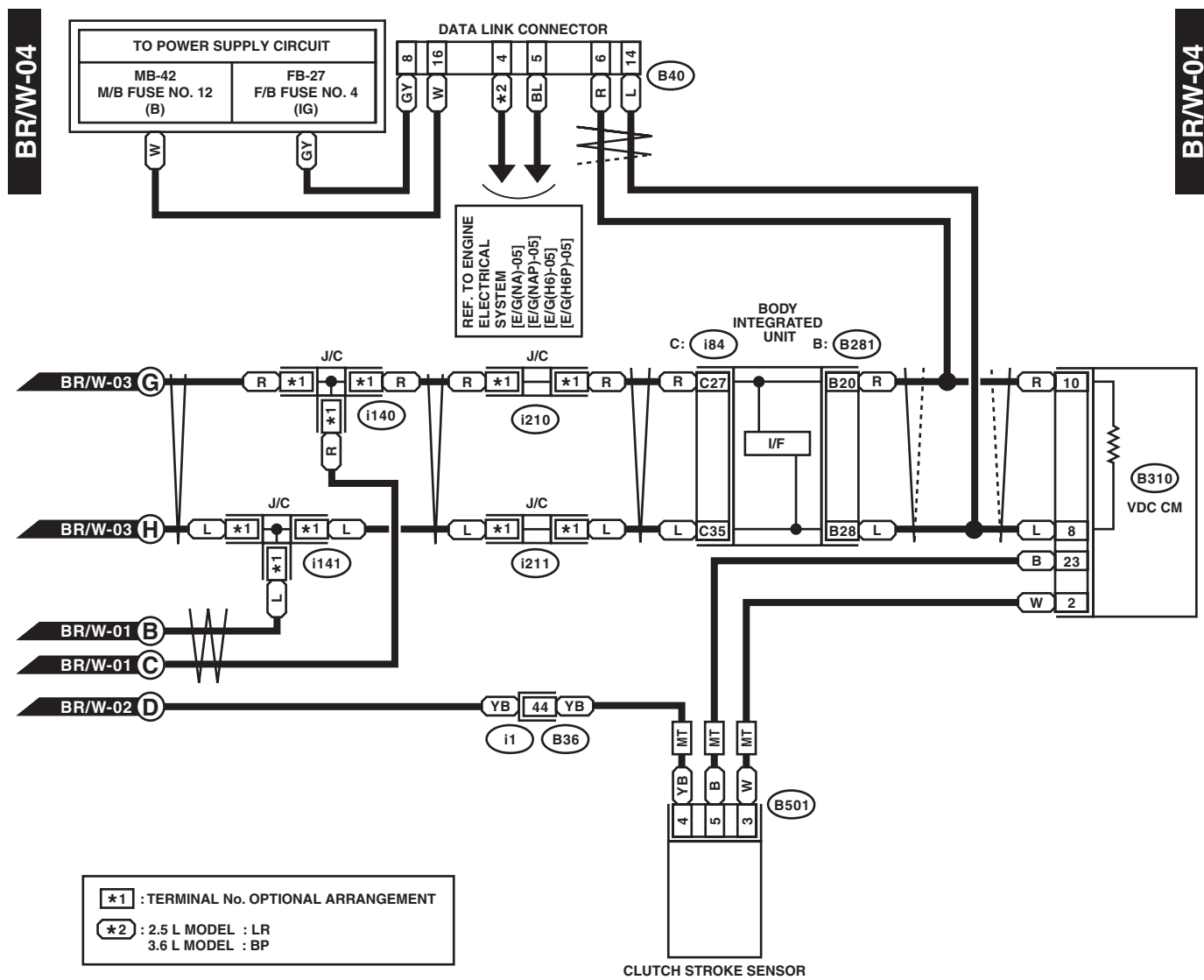
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	35

C: B136																	
1 2 3 4												5 6					
7 8 9 10 11 12												13 14 15 16					
17	18 19 20 21 22 23 24 25 26 27																
28	29 30											31	32 33 34 35				

WI-36307

Parking Brake / Brake Fluid Level Warning Light System

WIRING SYSTEM

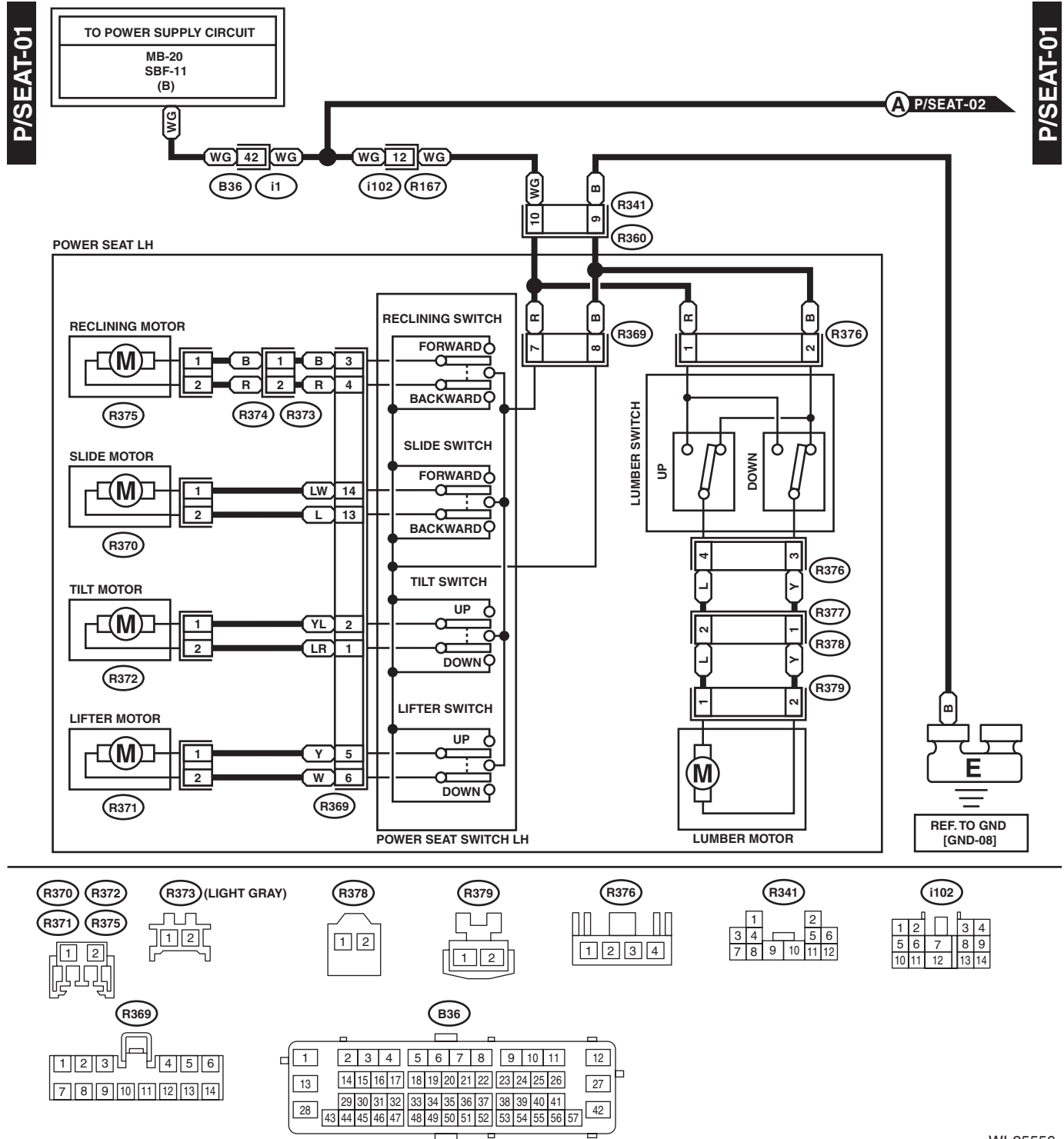


WI-36308

34. Power Seat System

A: WIRING DIAGRAM

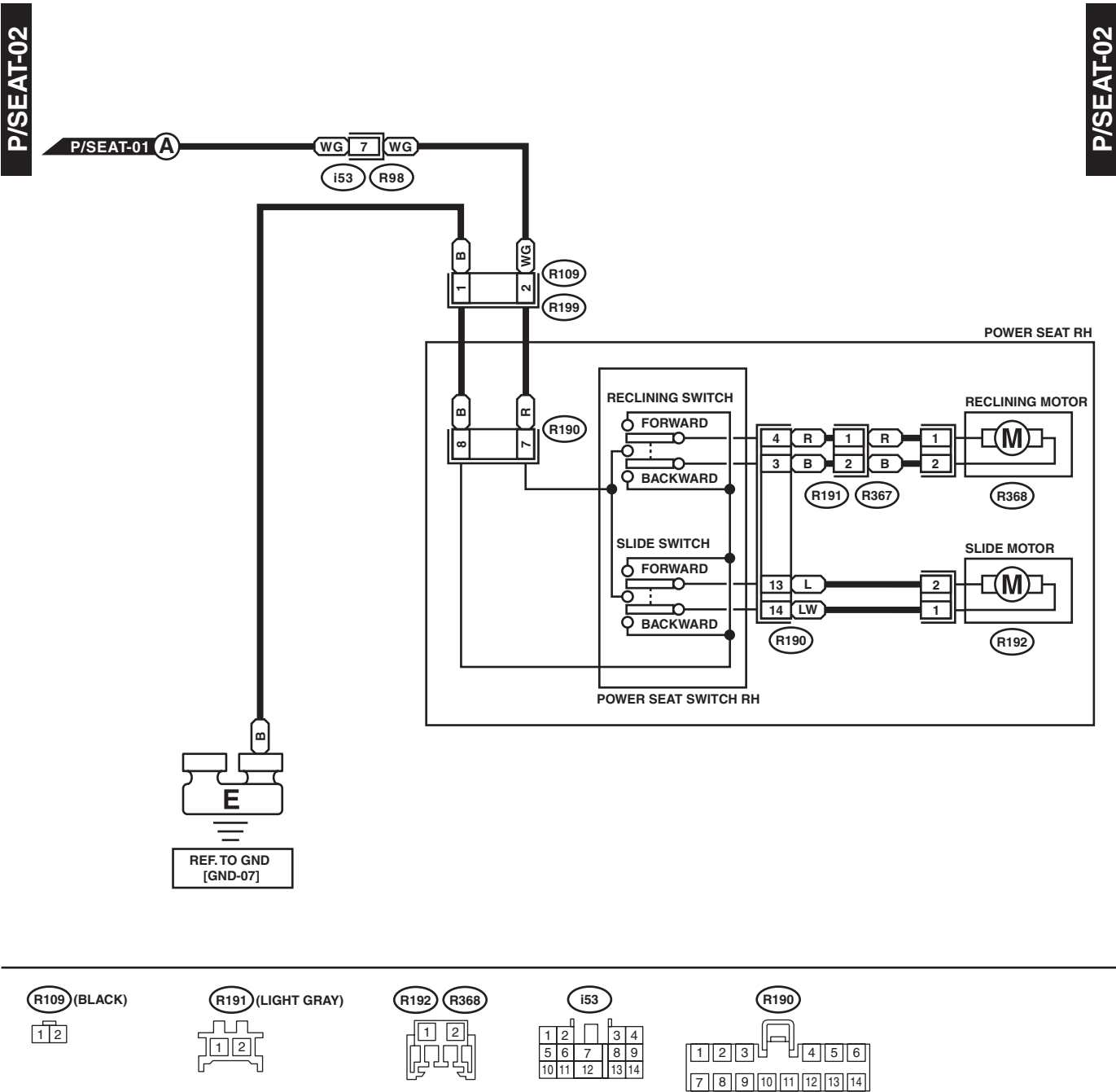
1. WITHOUT MEMORY



WI-25556

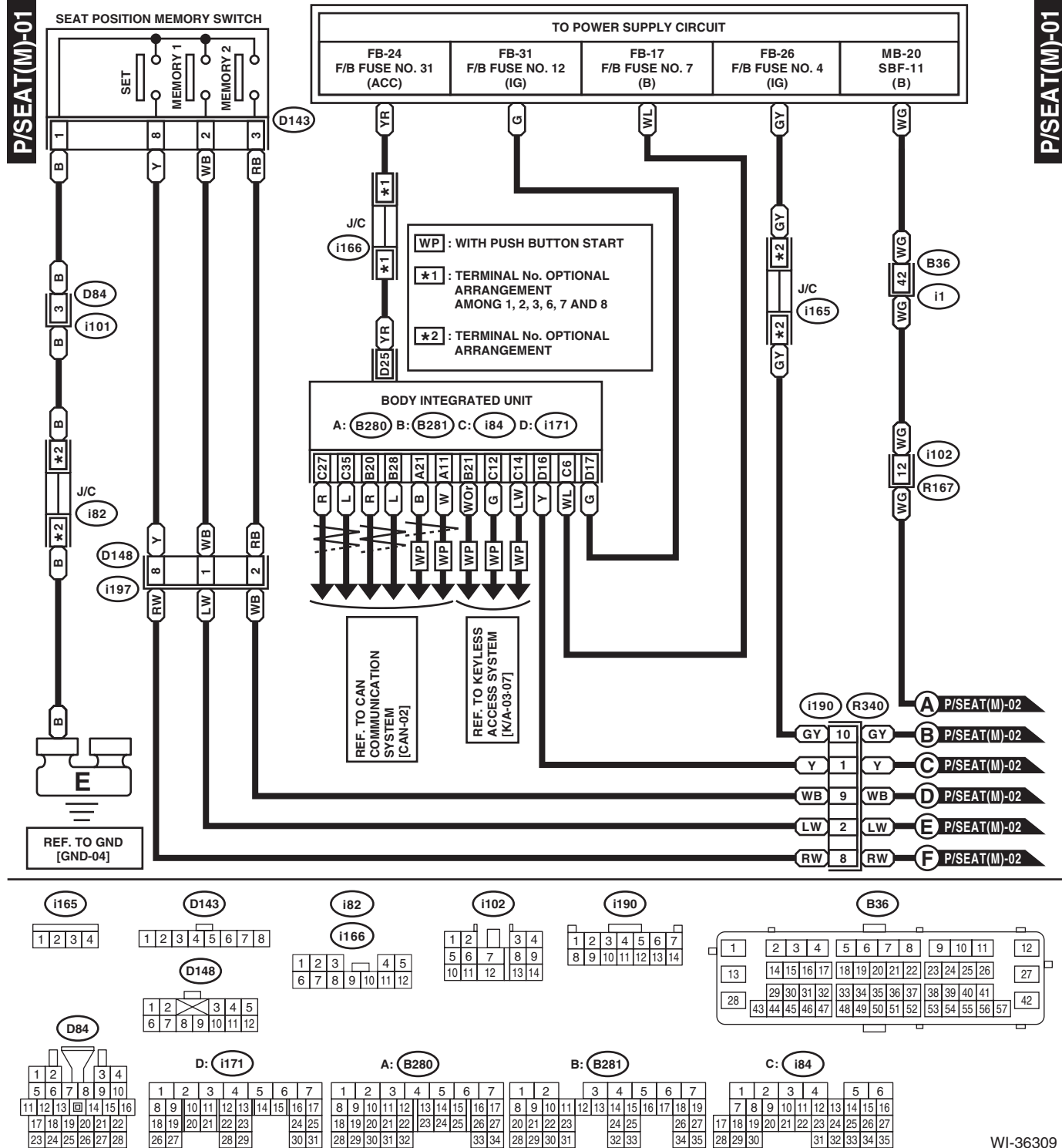
Power Seat System

WIRING SYSTEM



WI-25557

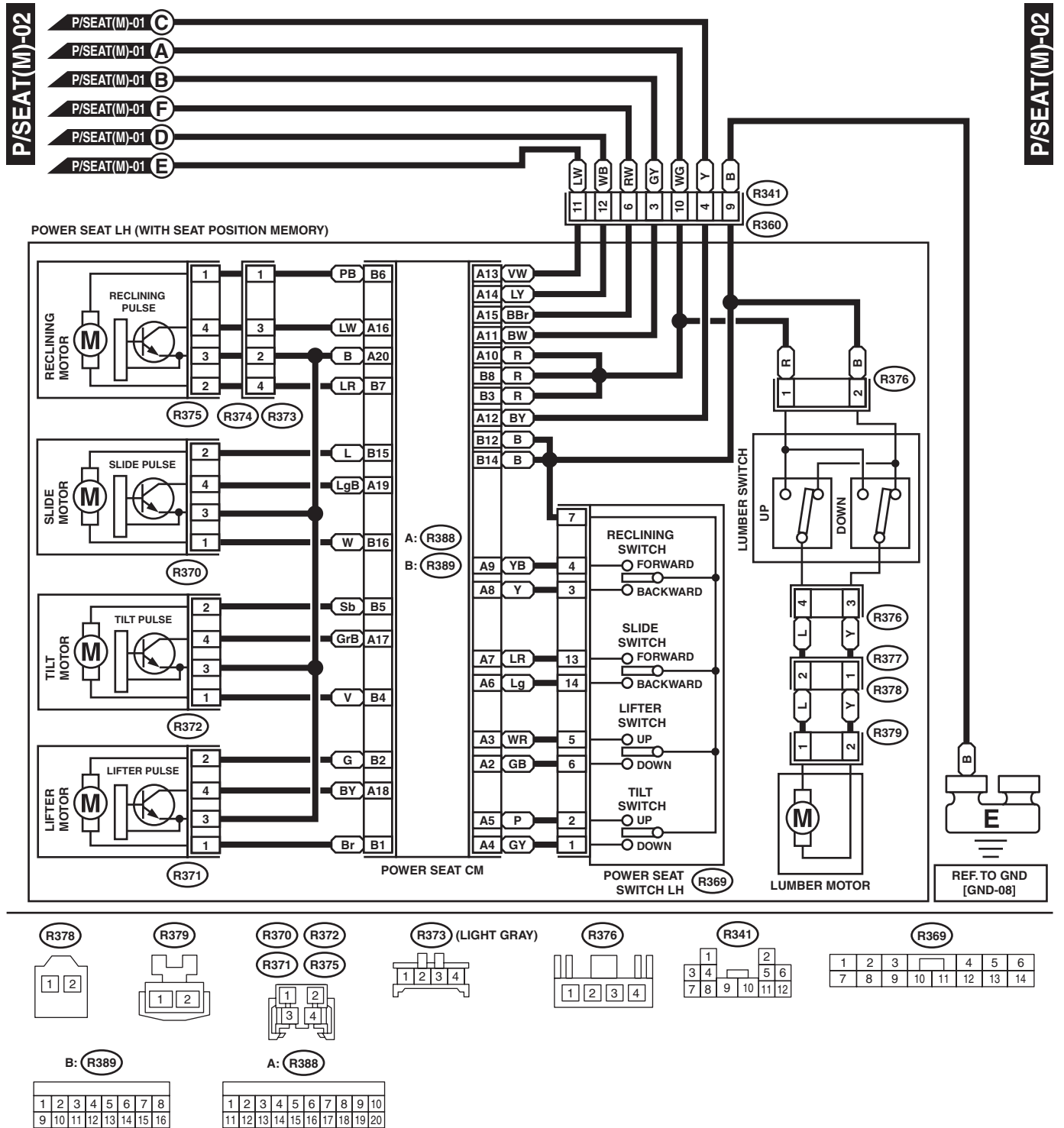
2. WITH MEMORY



WI-36309

Power Seat System

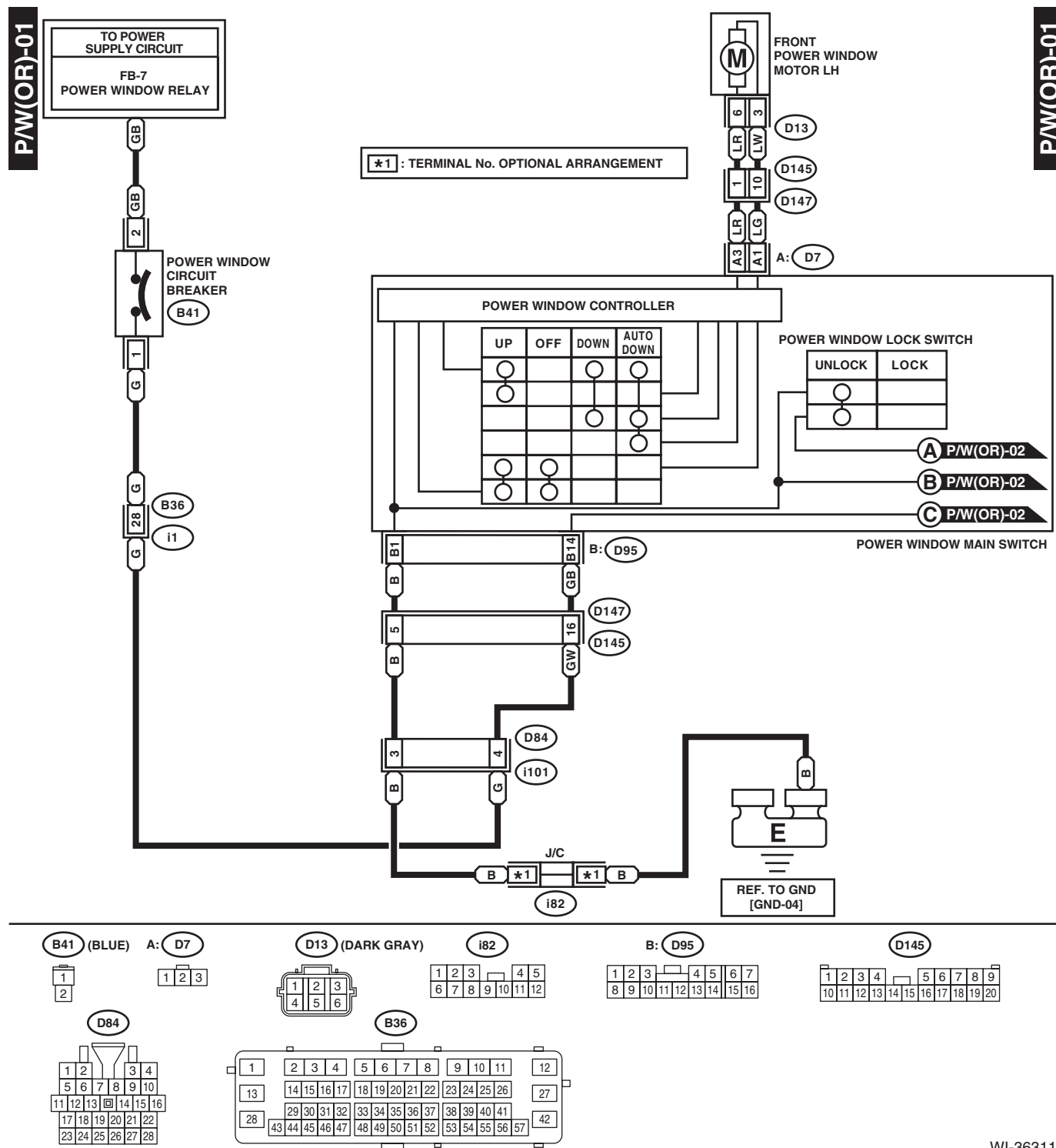
WIRING SYSTEM



35. Power Window System

A: WIRING DIAGRAM

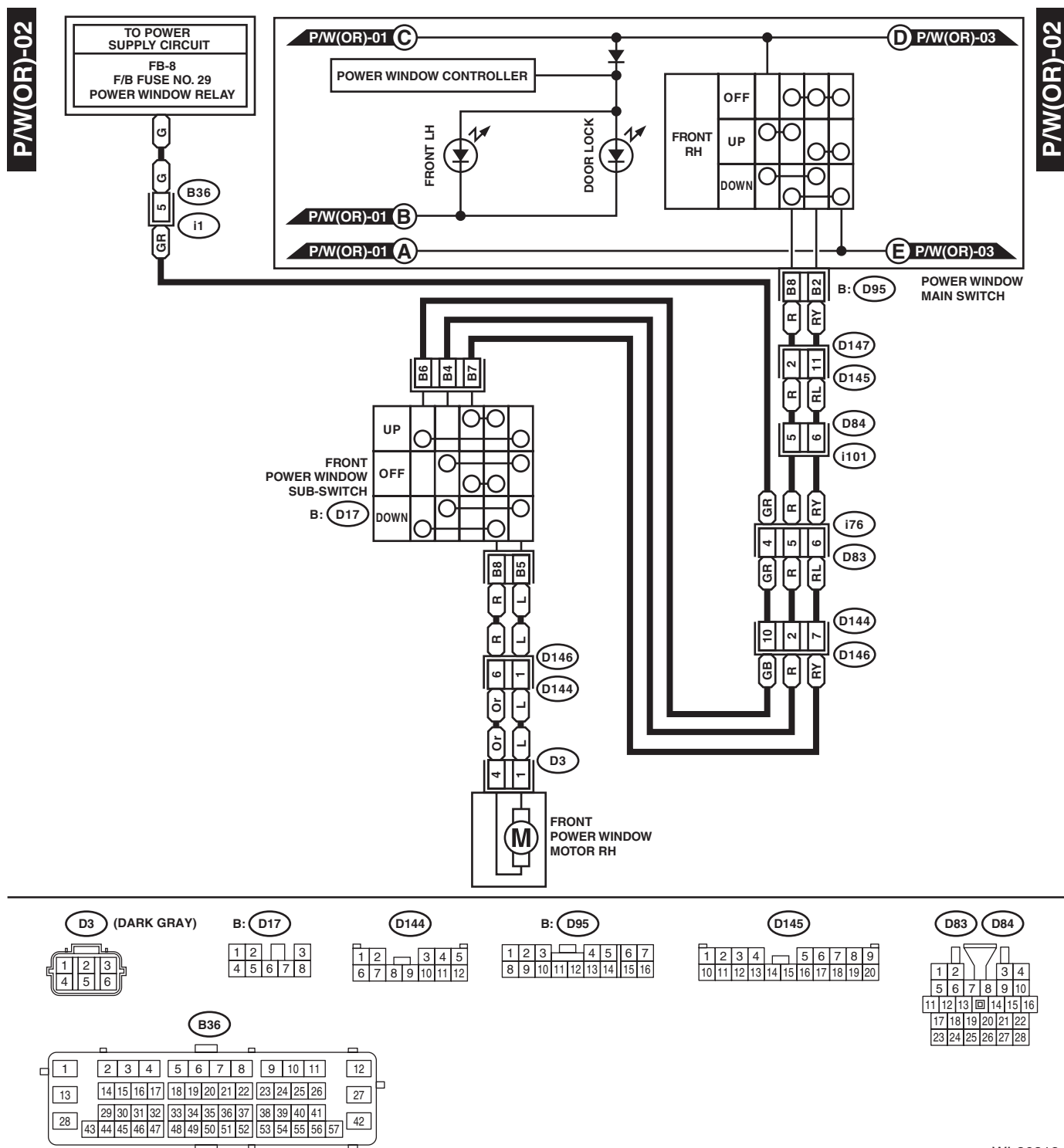
1. WITHOUT DRIVER'S SEAT AUTO UP FUNCTION



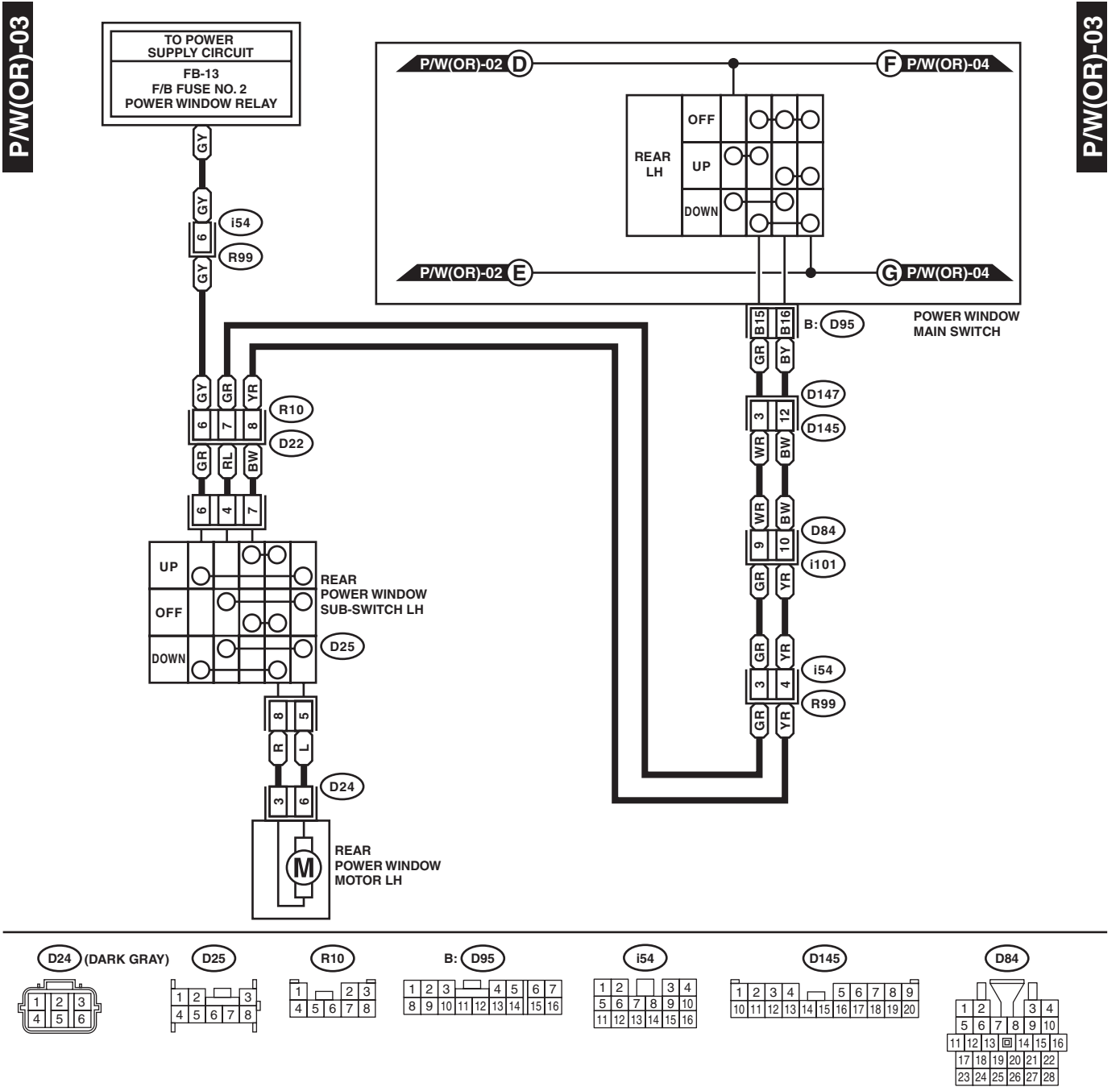
WI-36311

Power Window System

WIRING SYSTEM



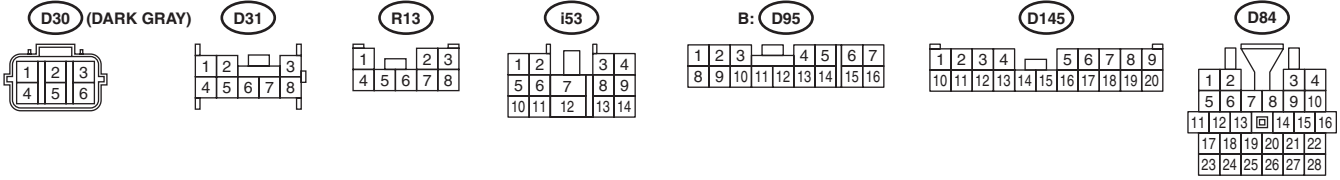
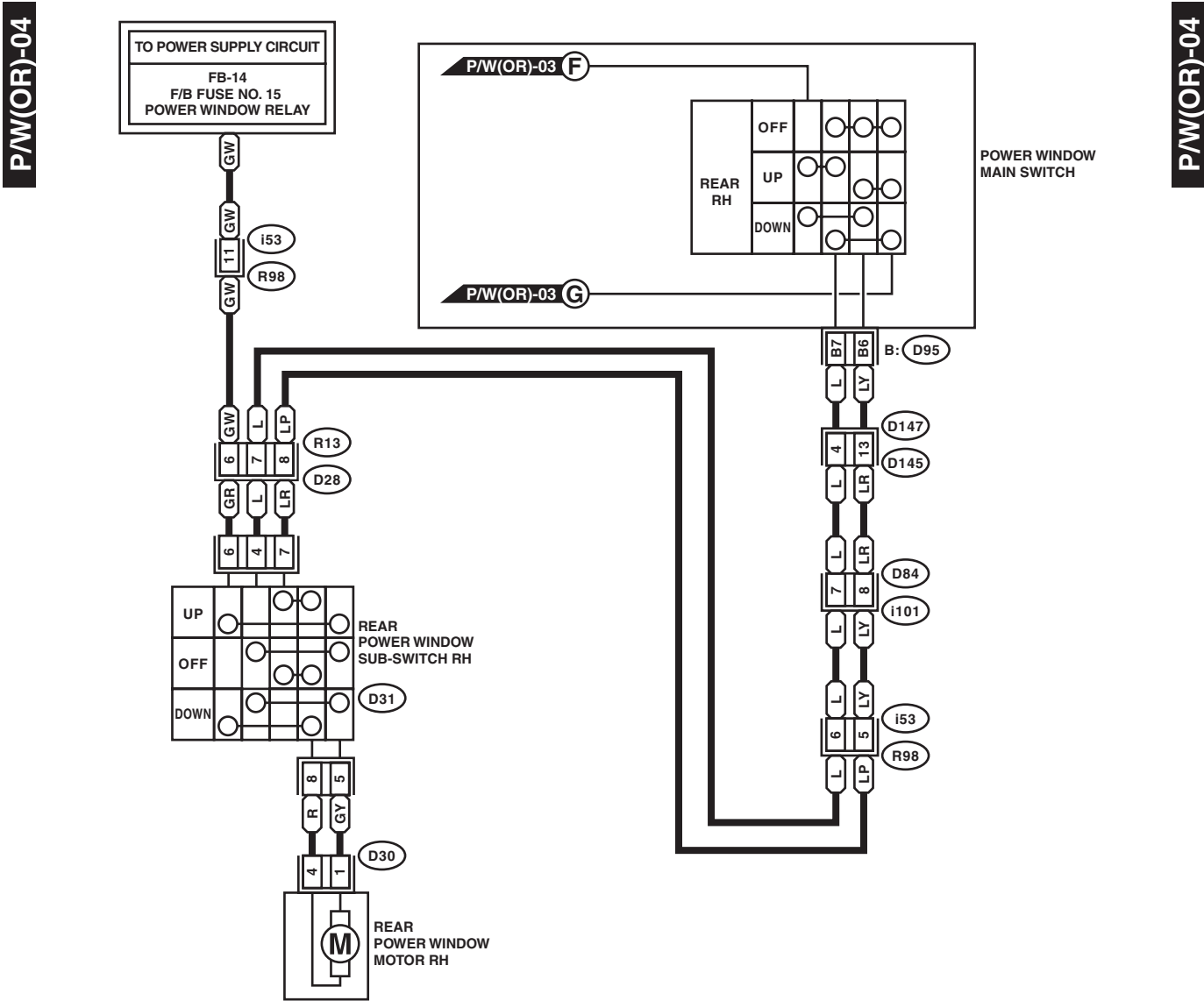
WI-36312



WI-36313

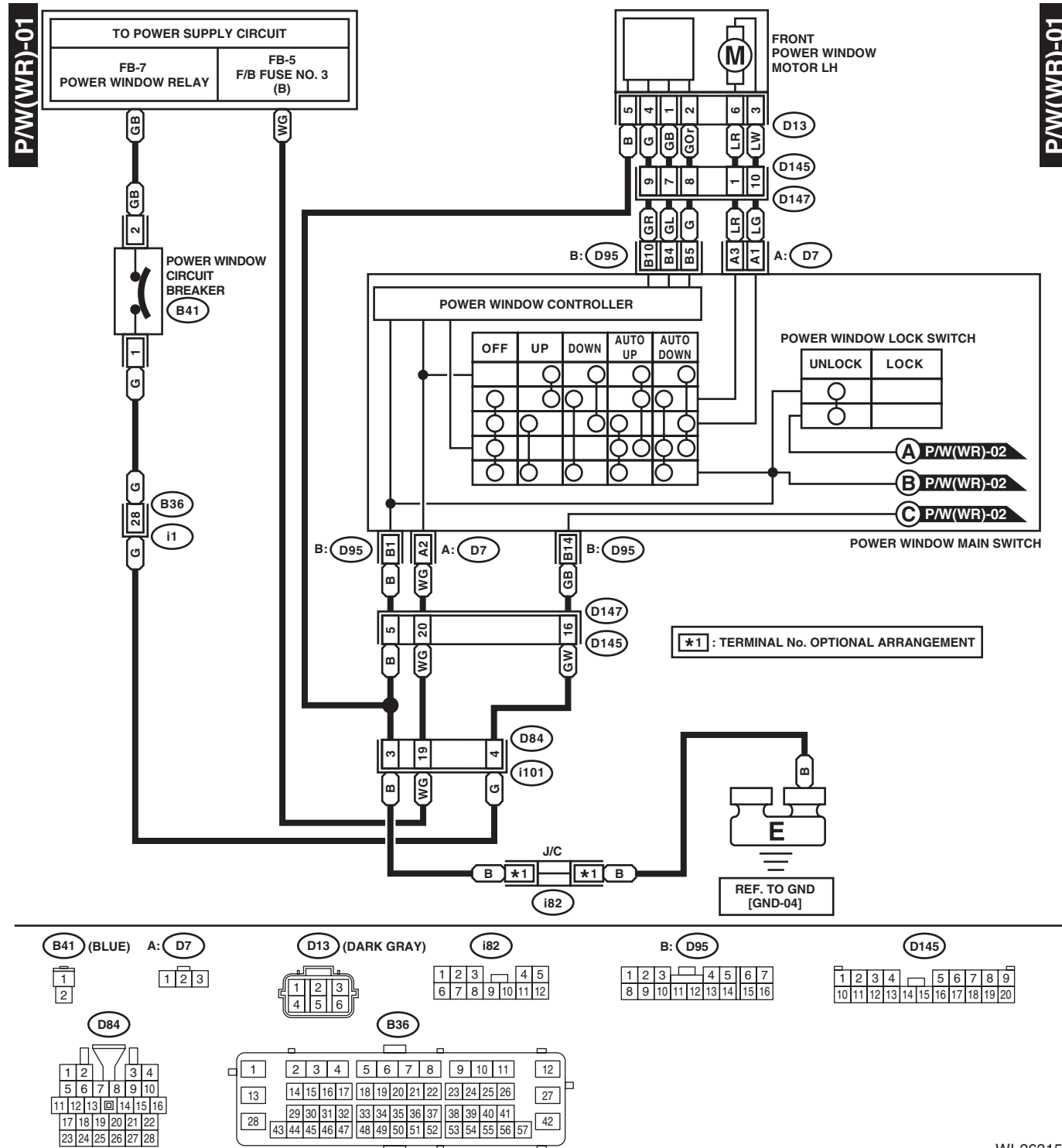
Power Window System

WIRING SYSTEM



WI-36314

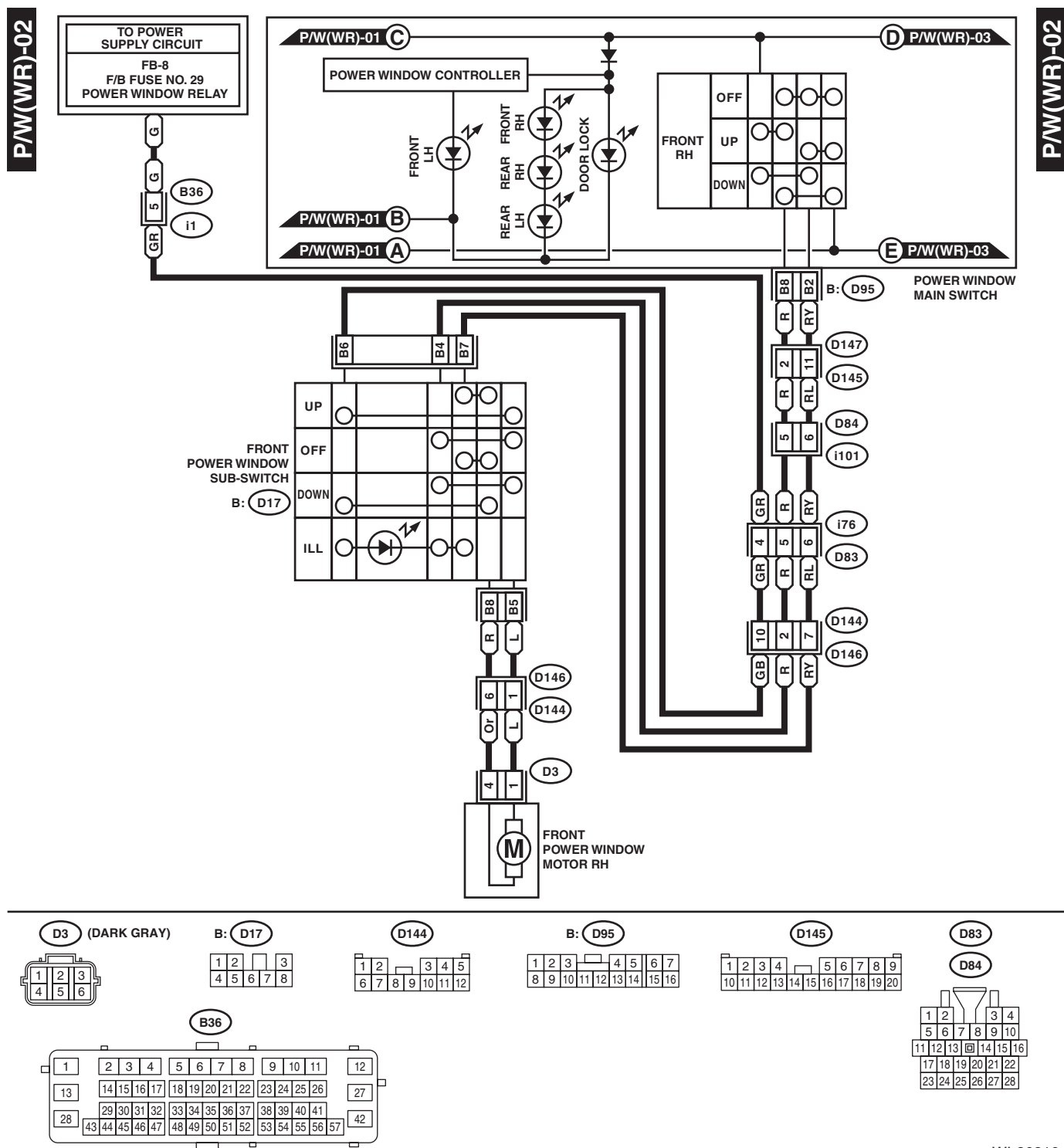
2. WITH DRIVER'S SEAT AUTO UP FUNCTION

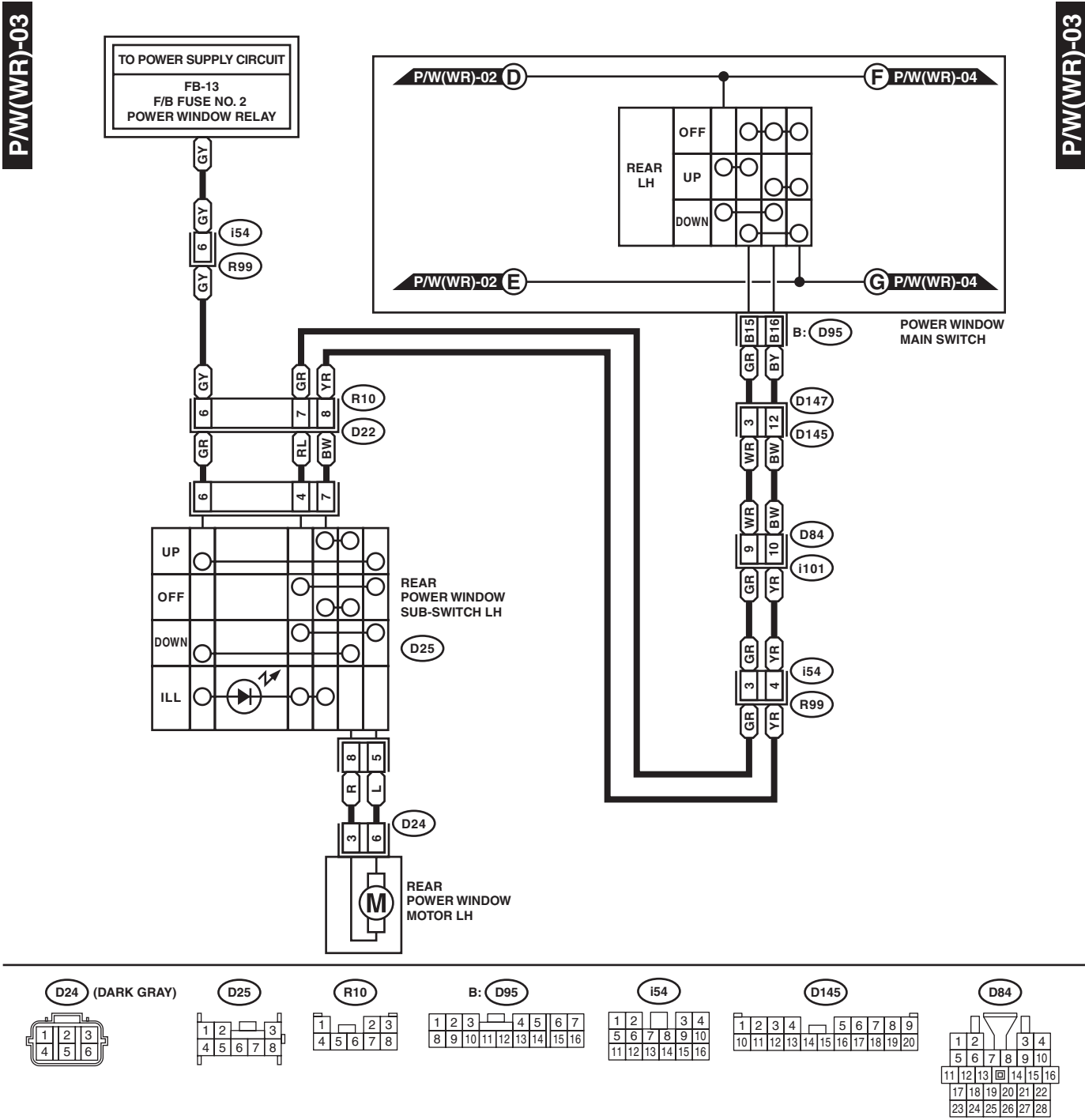


WI-36315

Power Window System

WIRING SYSTEM

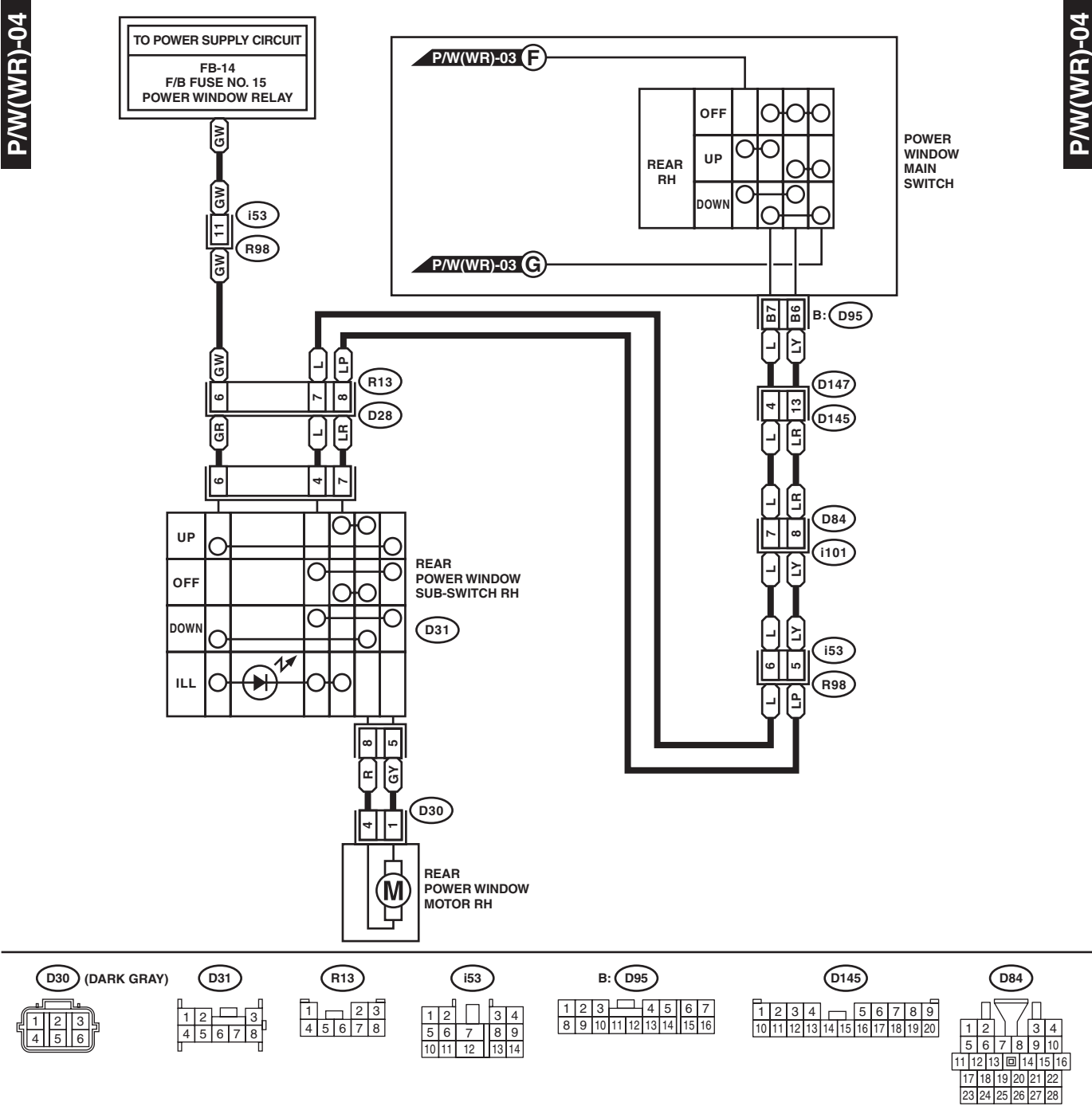




WI-36317

Power Window System

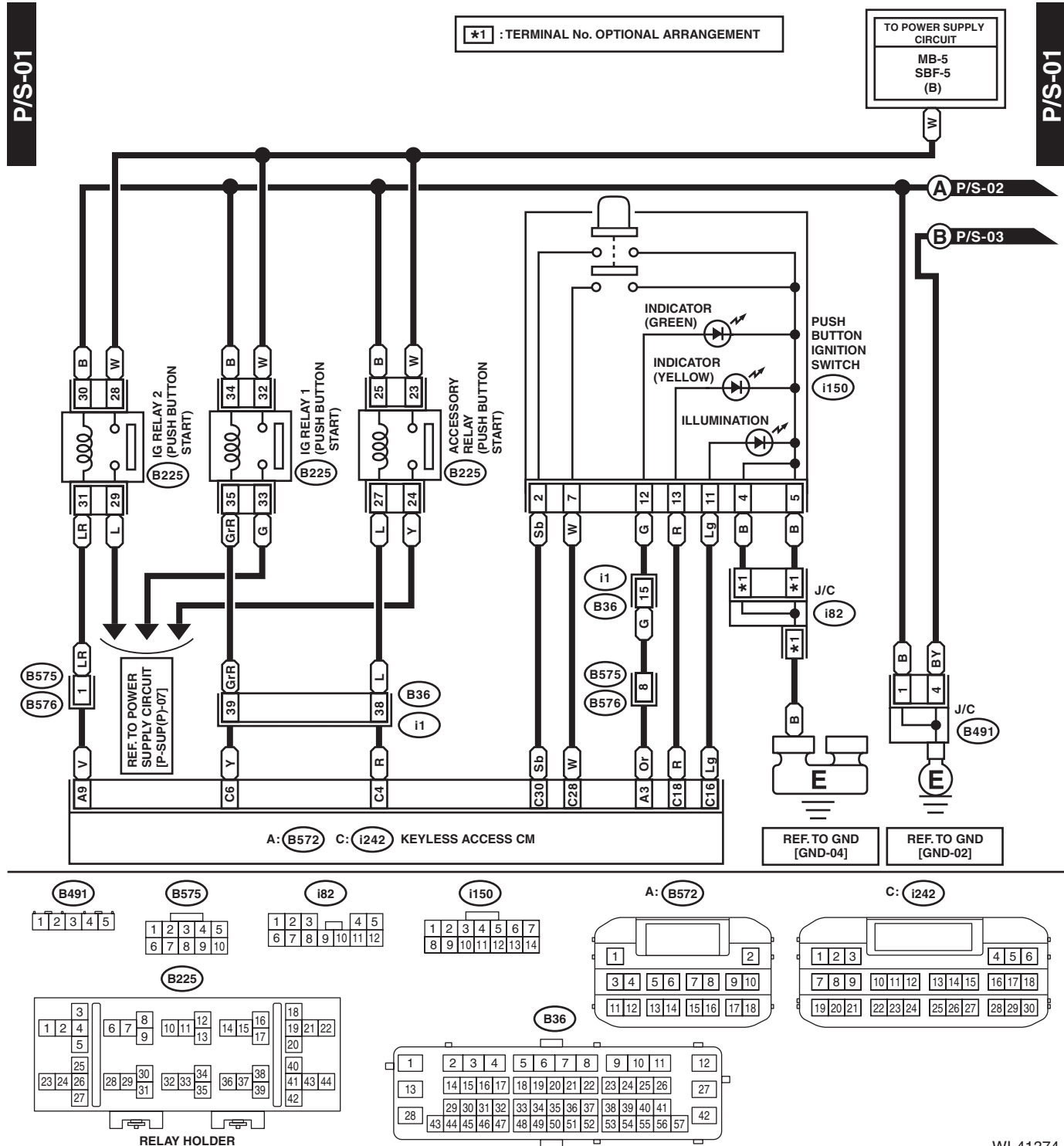
WIRING SYSTEM



WI-36318

36.Push Button Start System

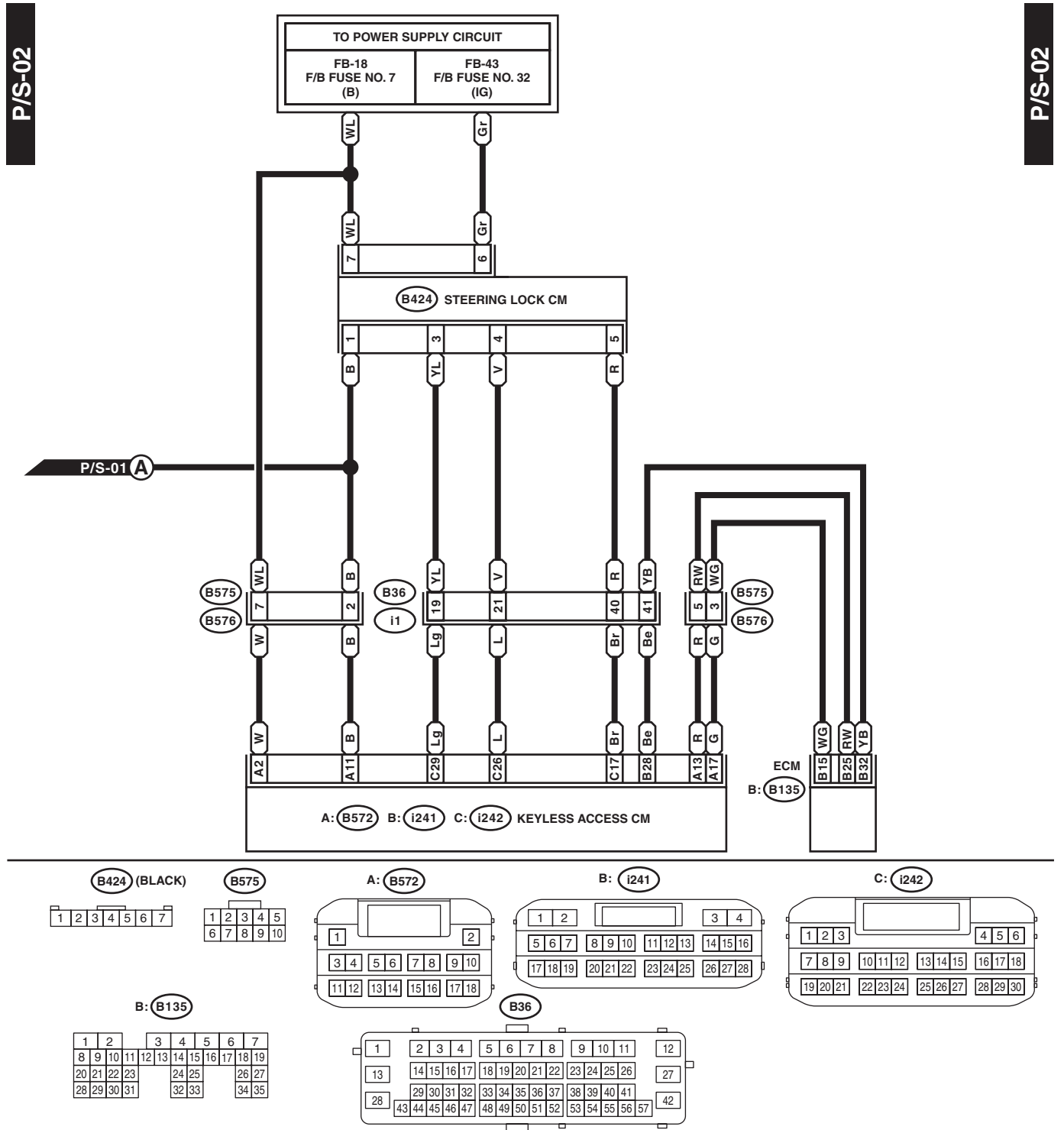
A: WIRING DIAGRAM



WI-41374

Push Button Start System

WIRING SYSTEM



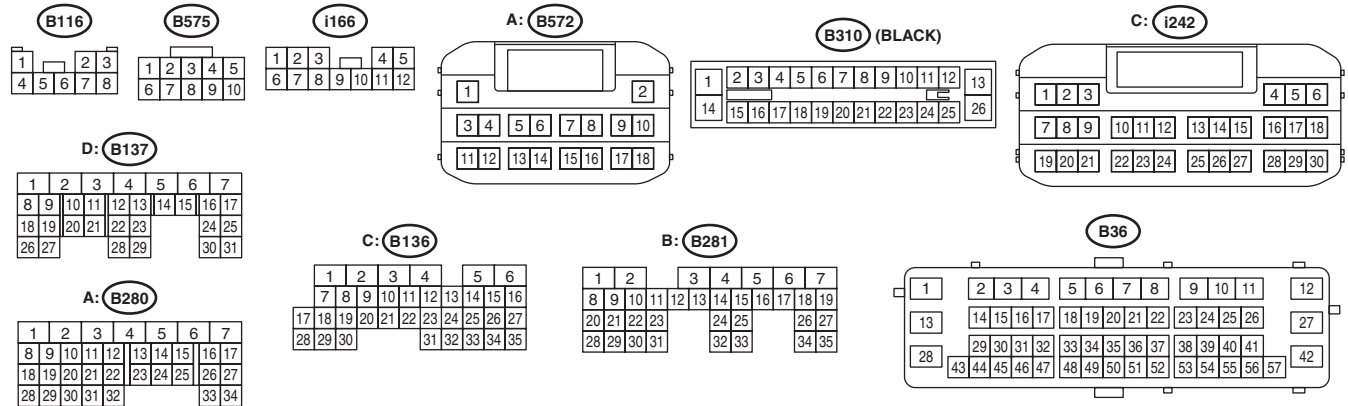
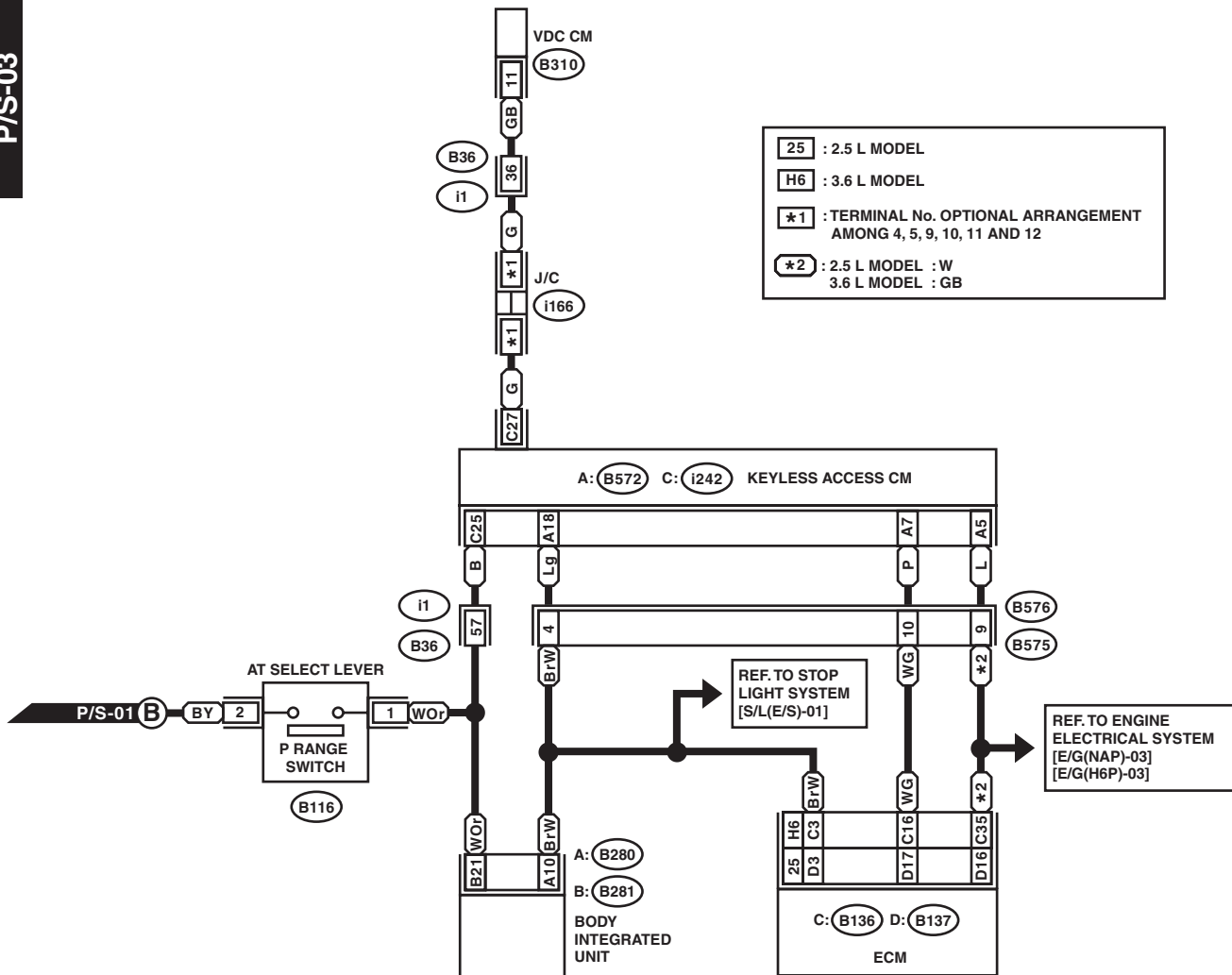
WI-41375

Push Button Start System

WIRING SYSTEM

P/S-03

P/S-03



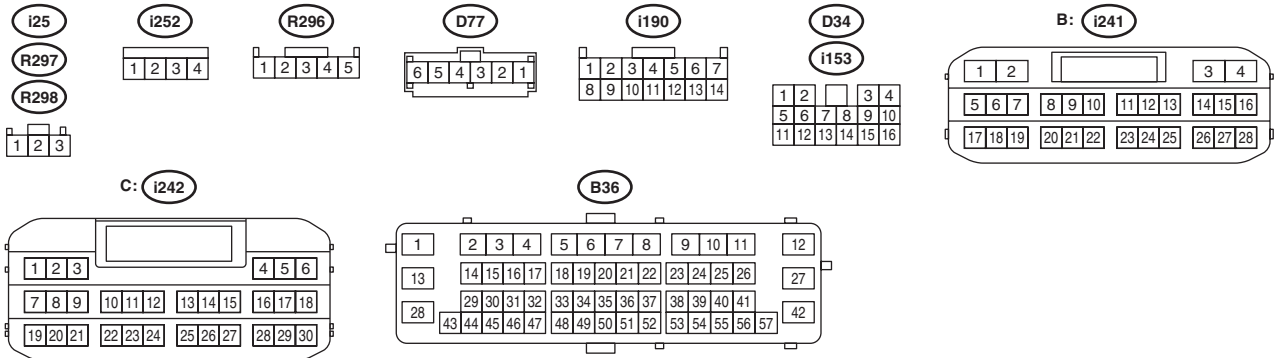
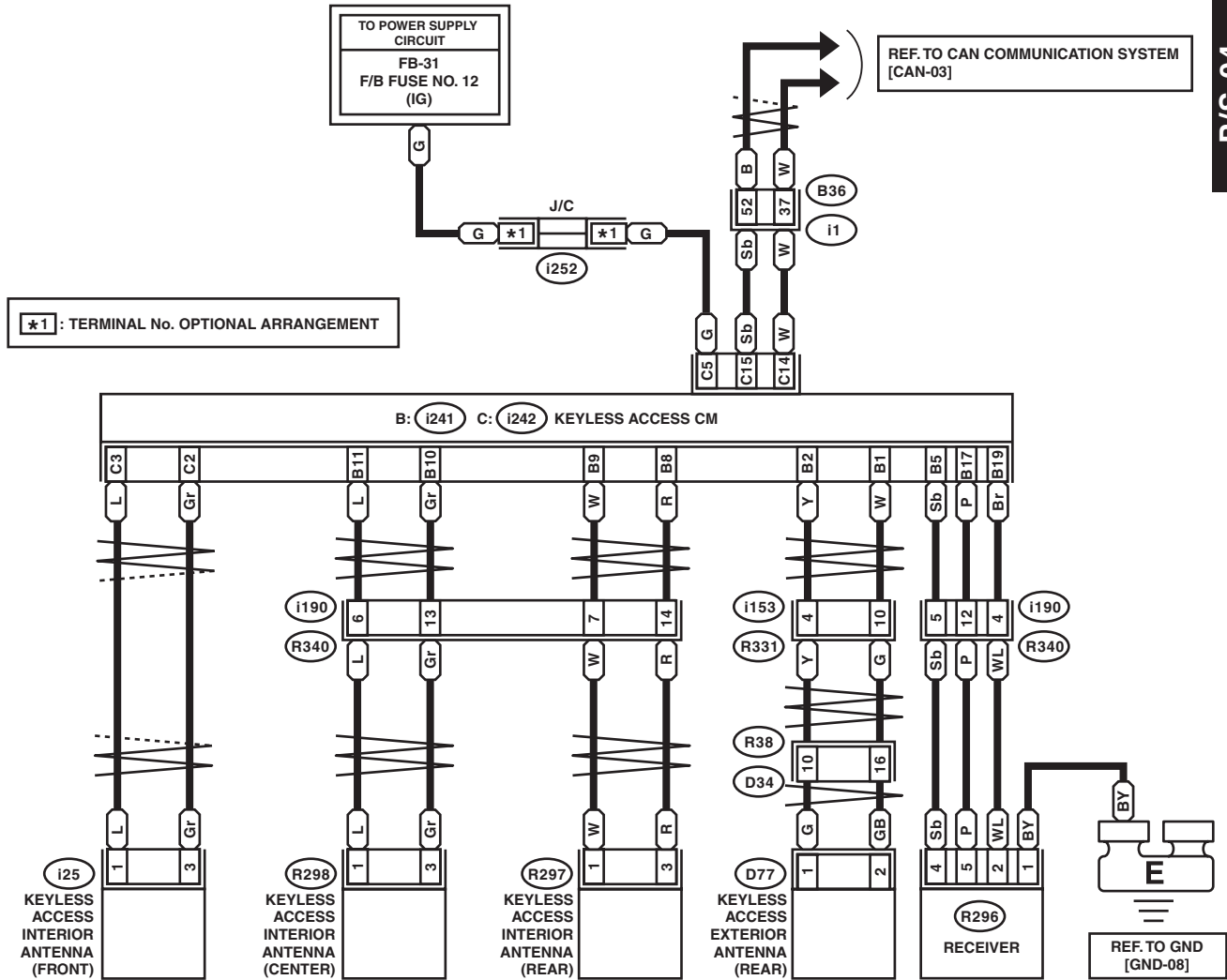
WI-41376

Push Button Start System

WIRING SYSTEM

P/S-04

P/S-04

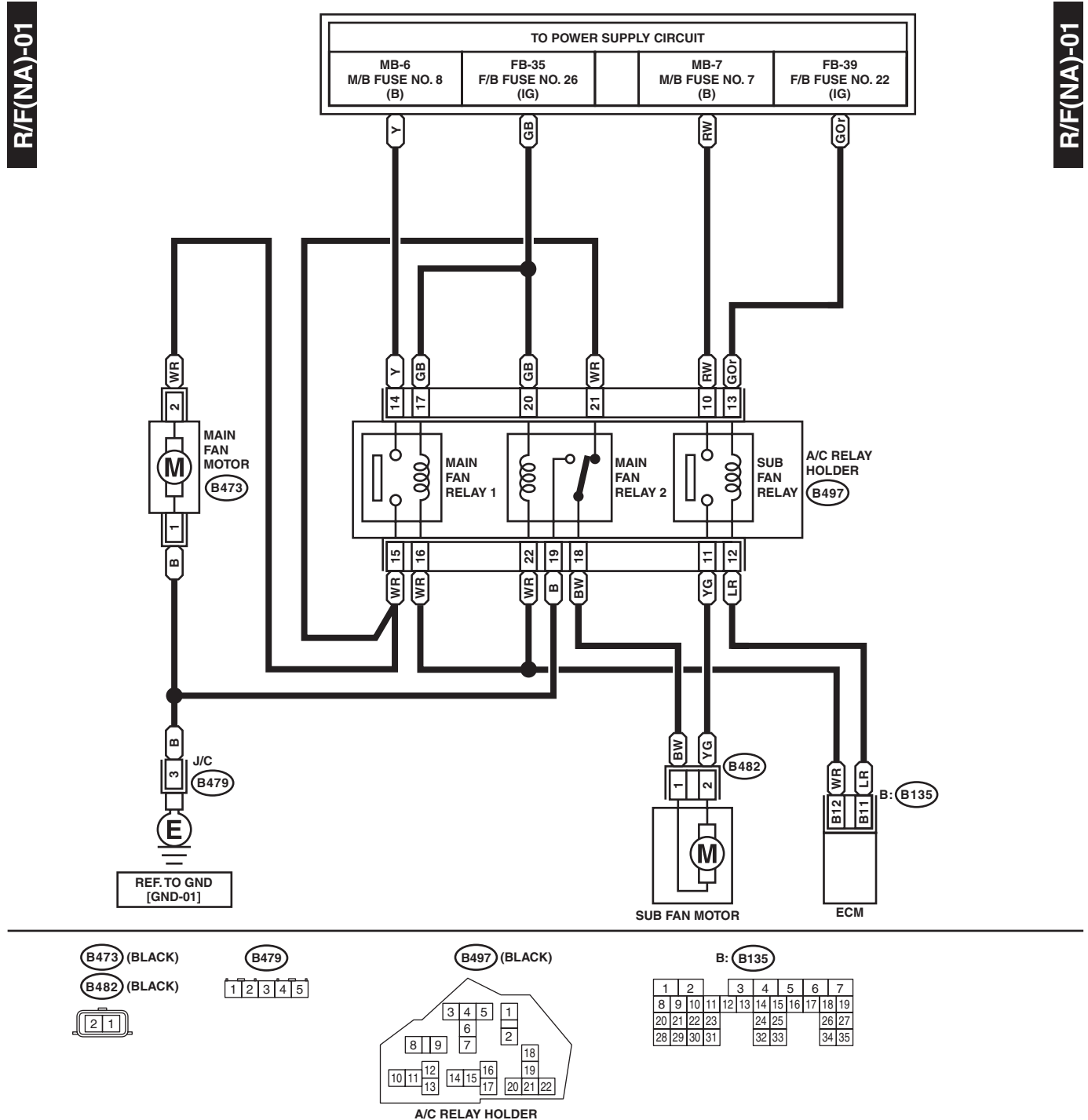


WI-41377

37.Radiator Fan System

A: WIRING DIAGRAM

1. 2.5 L MODEL

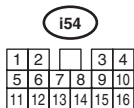
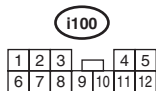
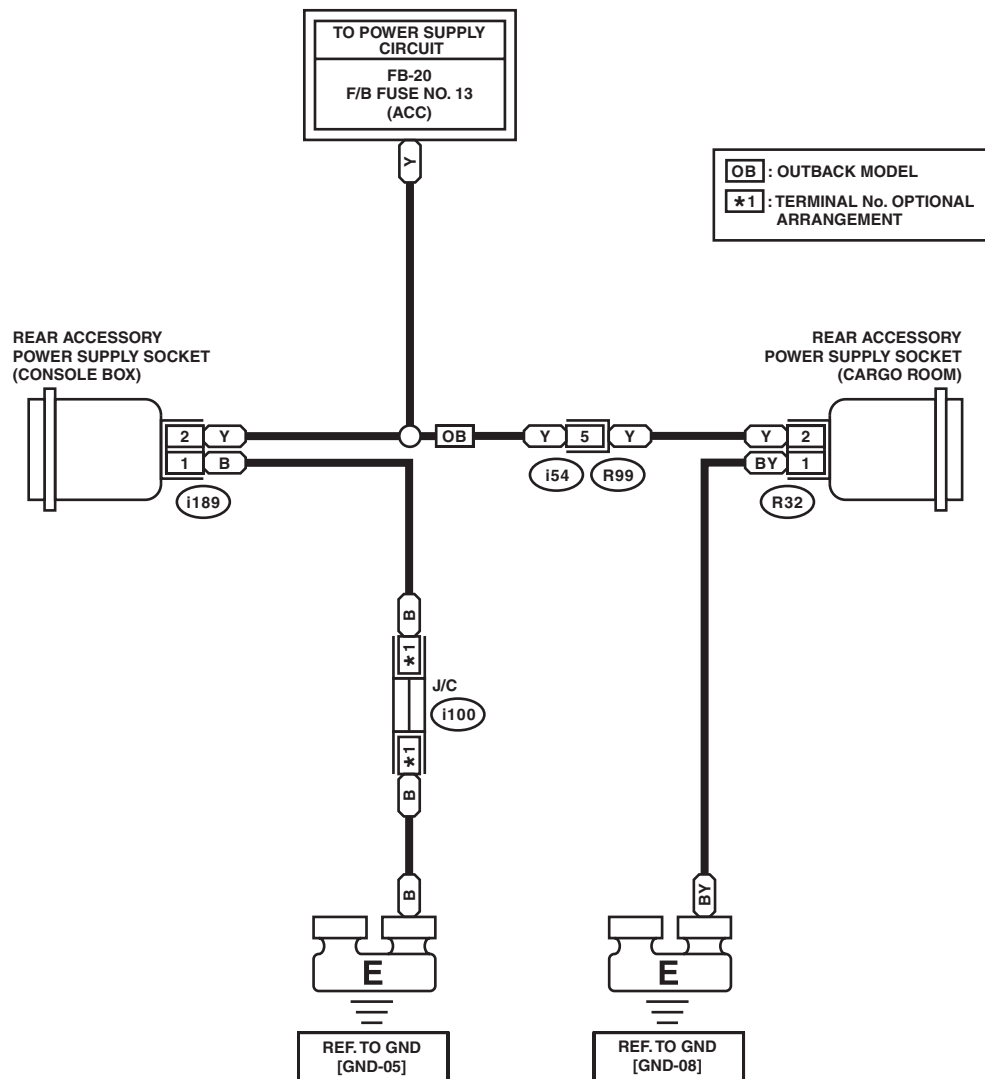


38.Rear Accessory Power Supply Socket System

A: WIRING DIAGRAM

RAPS-01

RAPS-01

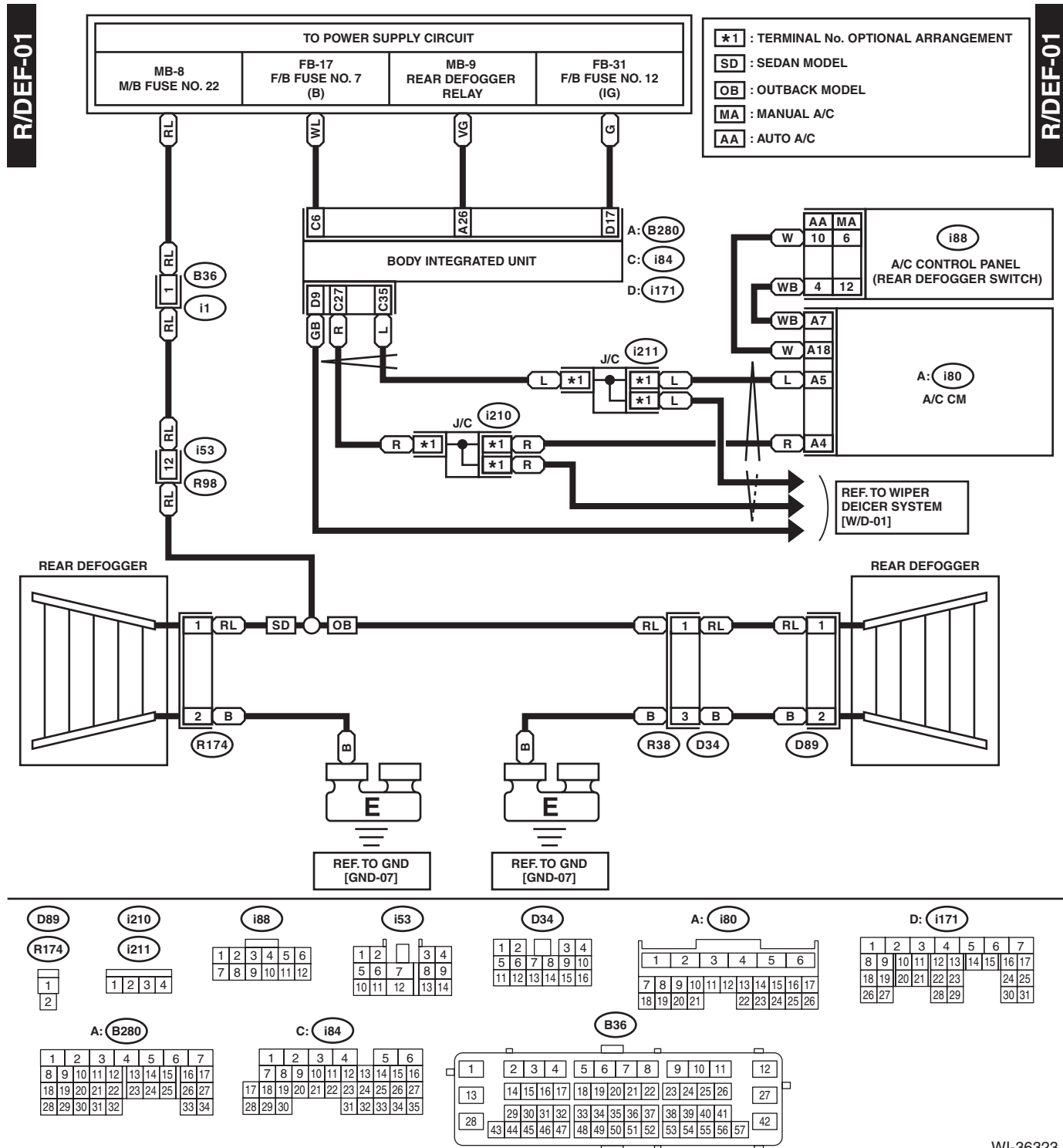


Rear Defogger System

WIRING SYSTEM

39.Rear Defogger System

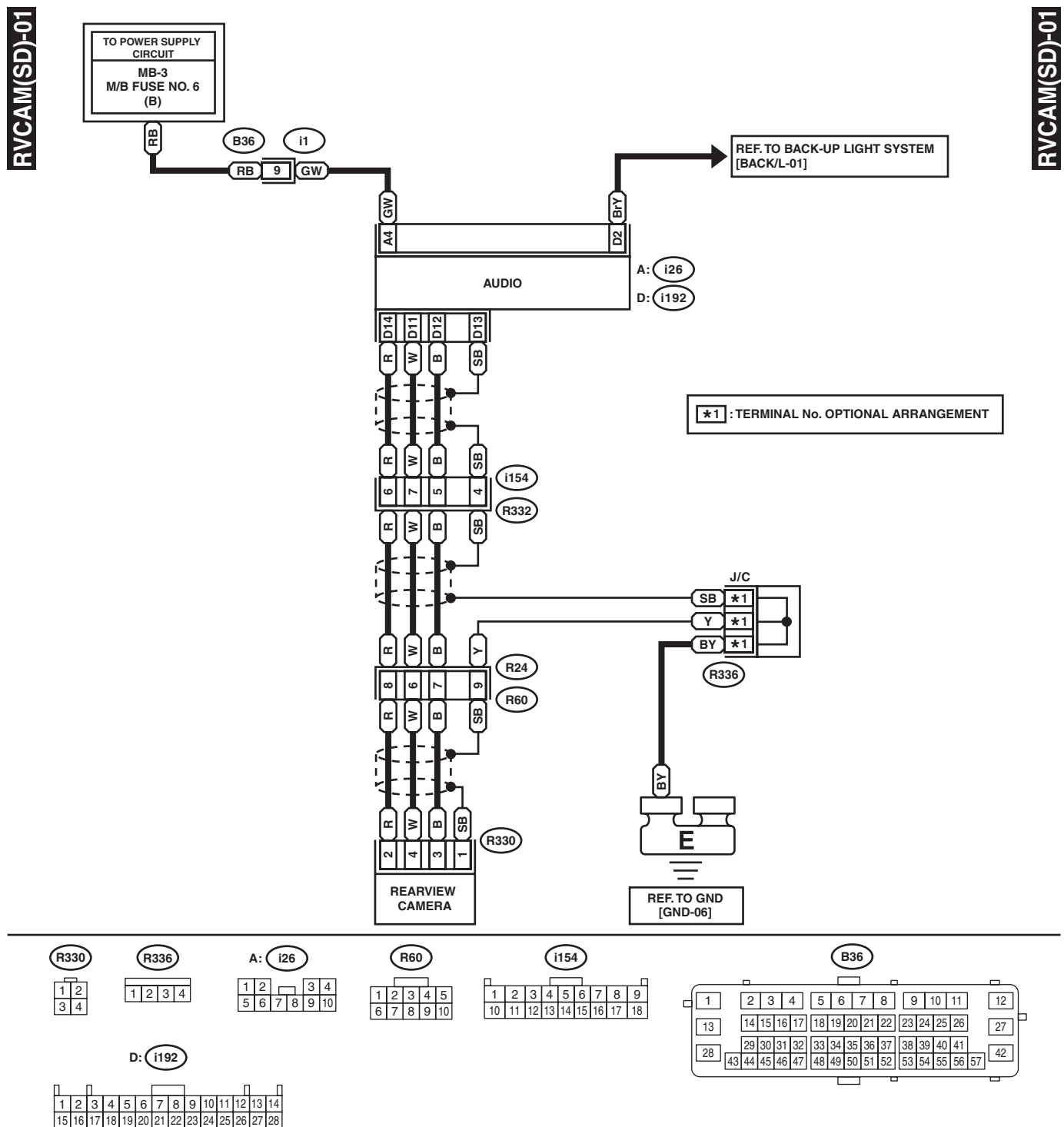
A: WIRING DIAGRAM



40.Rearview Camera System

A: WIRING DIAGRAM

1. WITHOUT NAVIGATION (SEDAN MODEL)

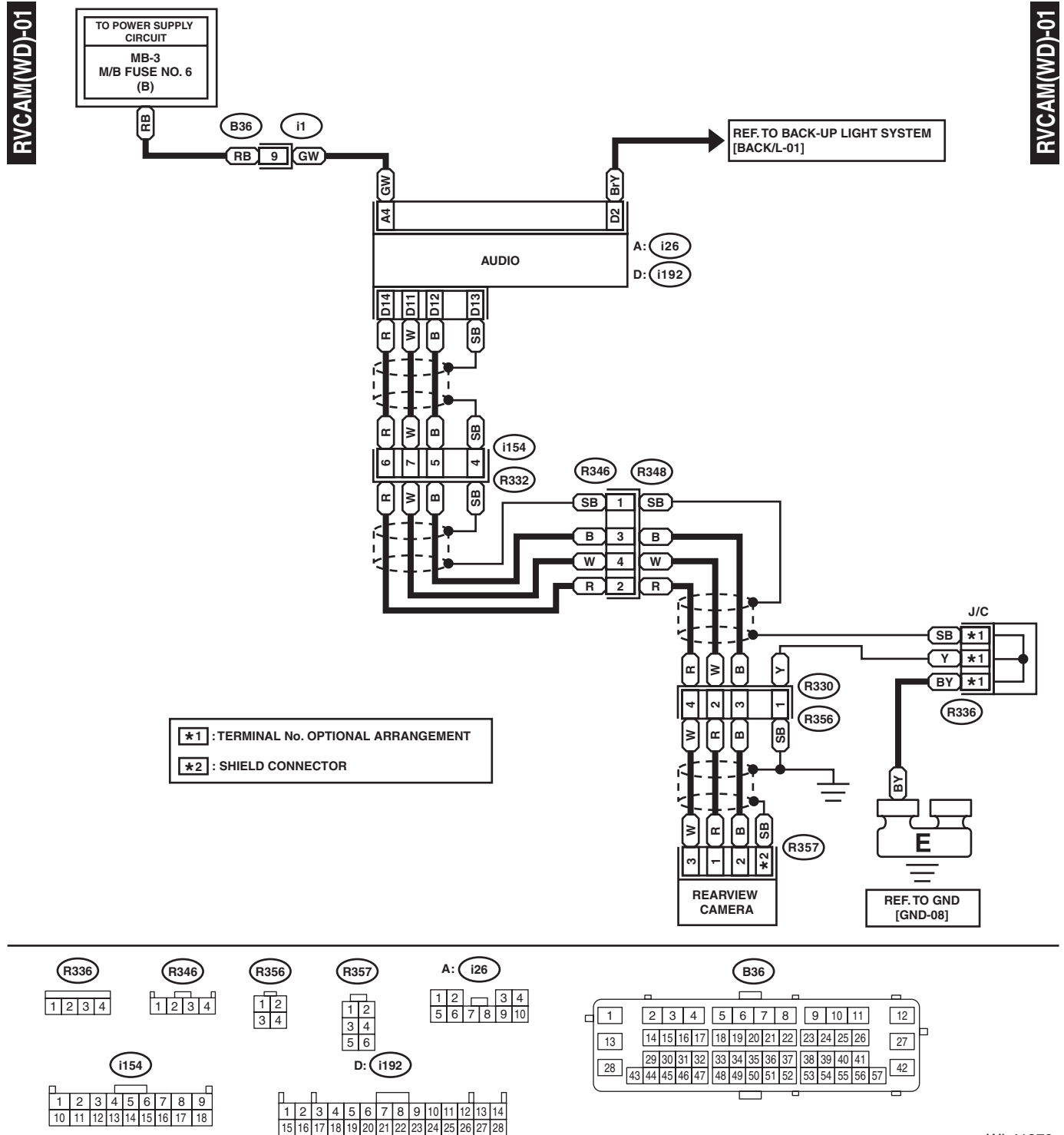


WI-41378

Rearview Camera System

WIRING SYSTEM

2. WITHOUT NAVIGATION (OUTBACK MODEL)

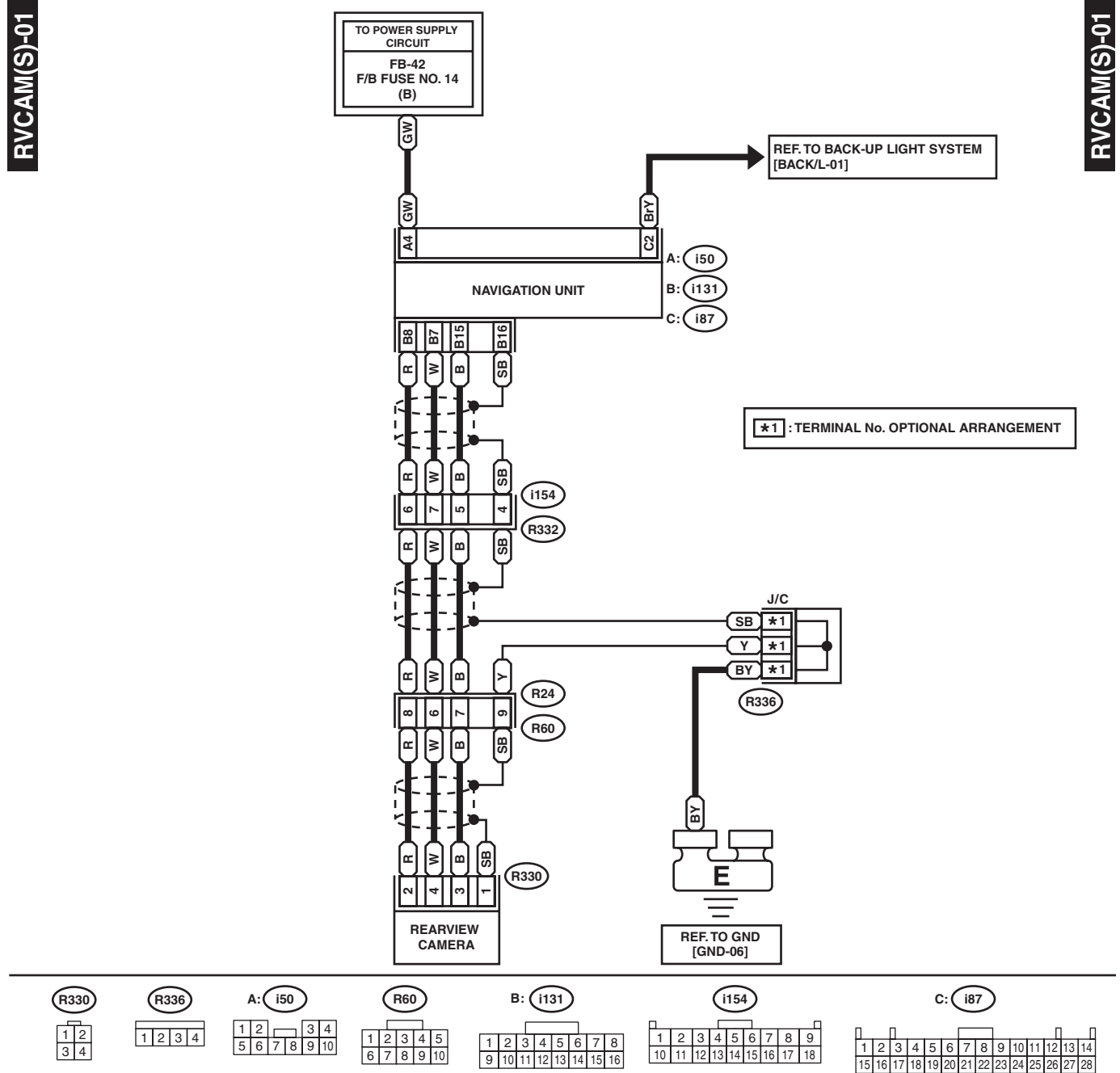


WI-41379

Rearview Camera System

WIRING SYSTEM

3. WITH NAVIGATION (SEDAN MODEL)

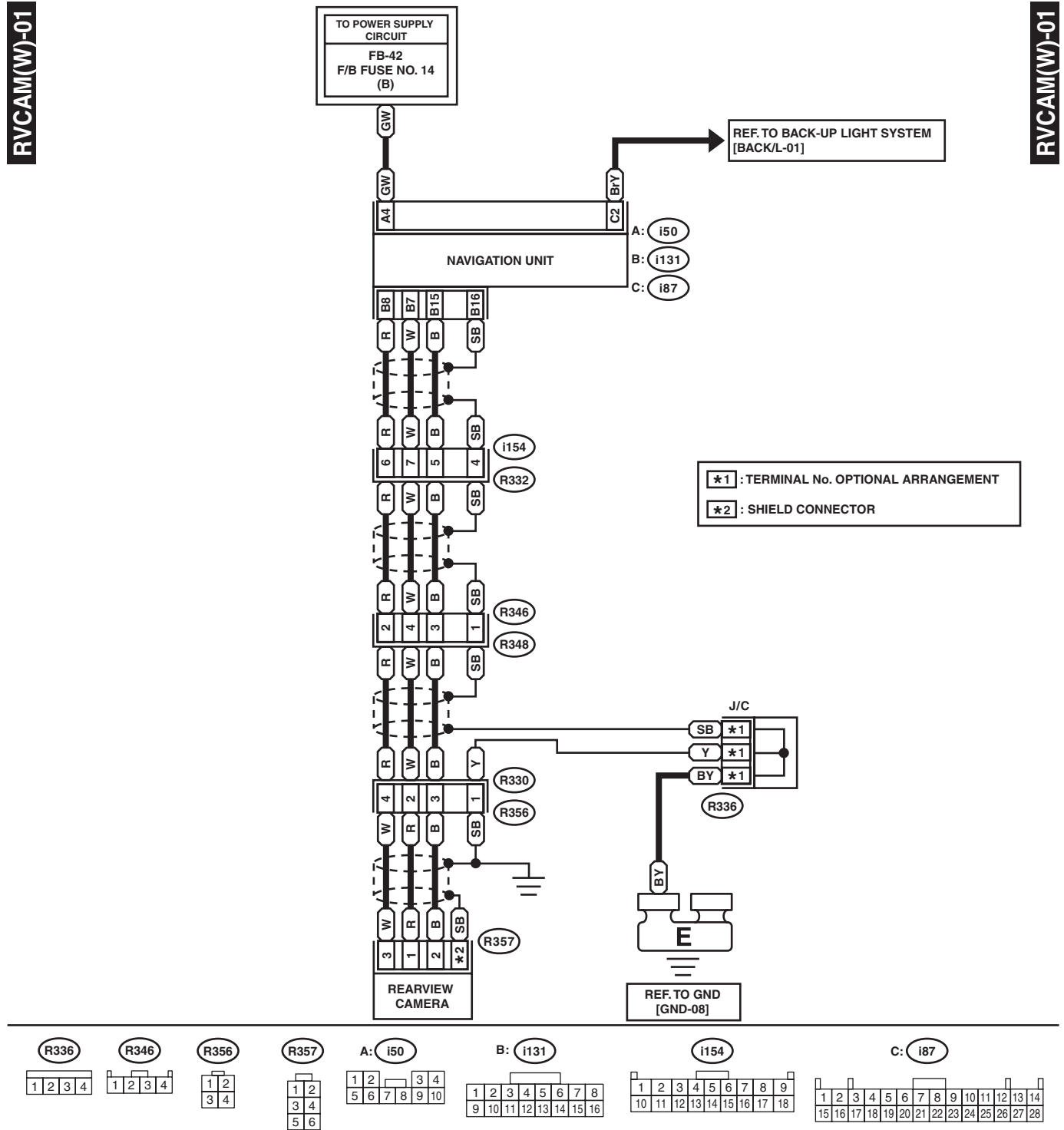


WI-41380

Rearview Camera System

WIRING SYSTEM

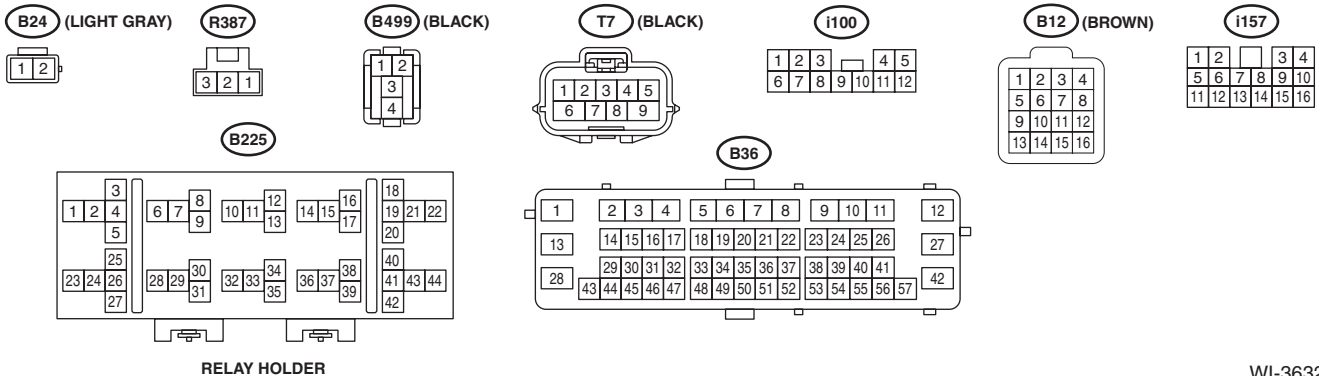
4. WITH NAVIGATION (OUTBACK MODEL)



WI-41381

1. WITHOUT HOME LINK

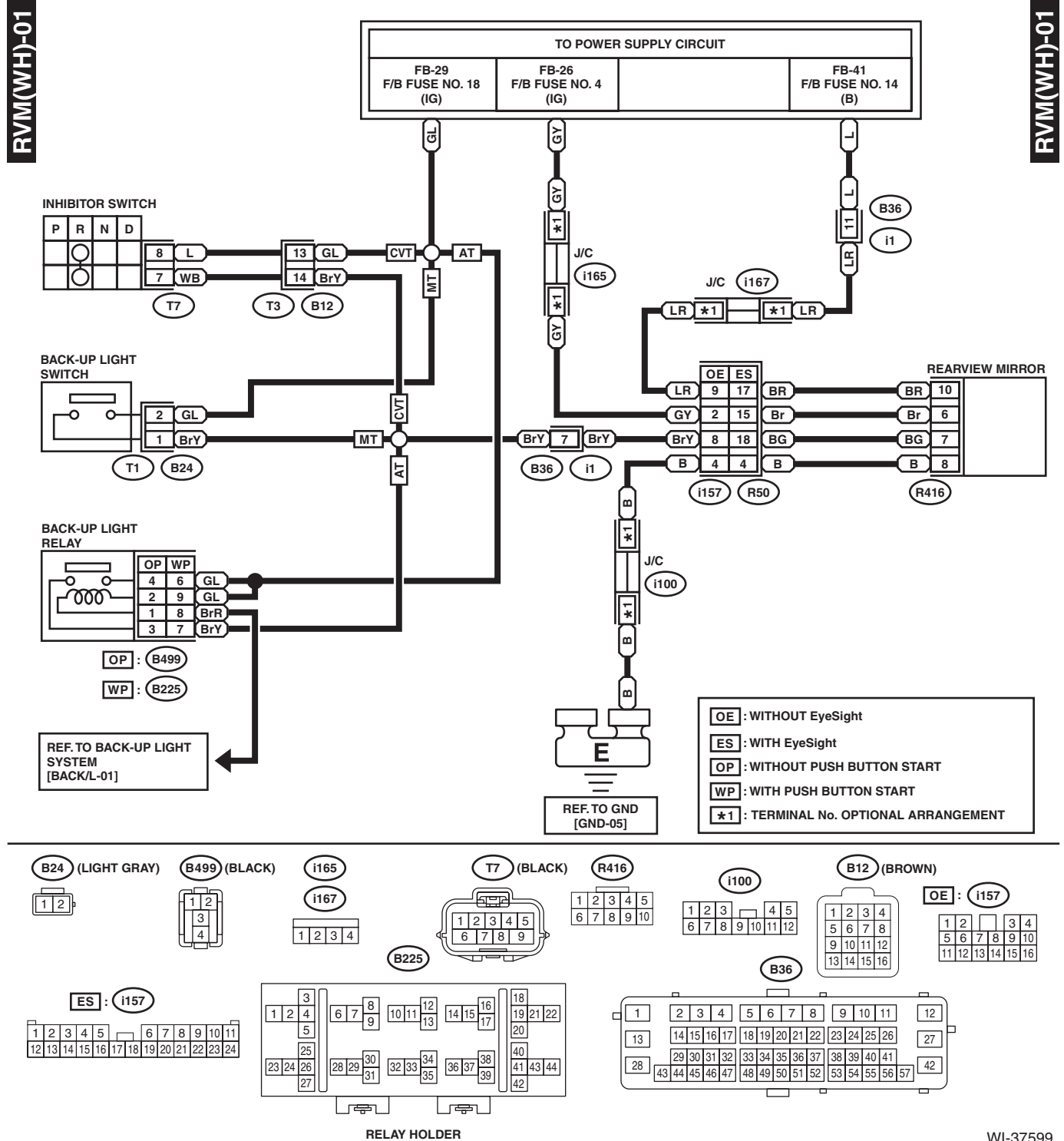
RVM(OH)-01



Rearview Mirror System

WIRING SYSTEM

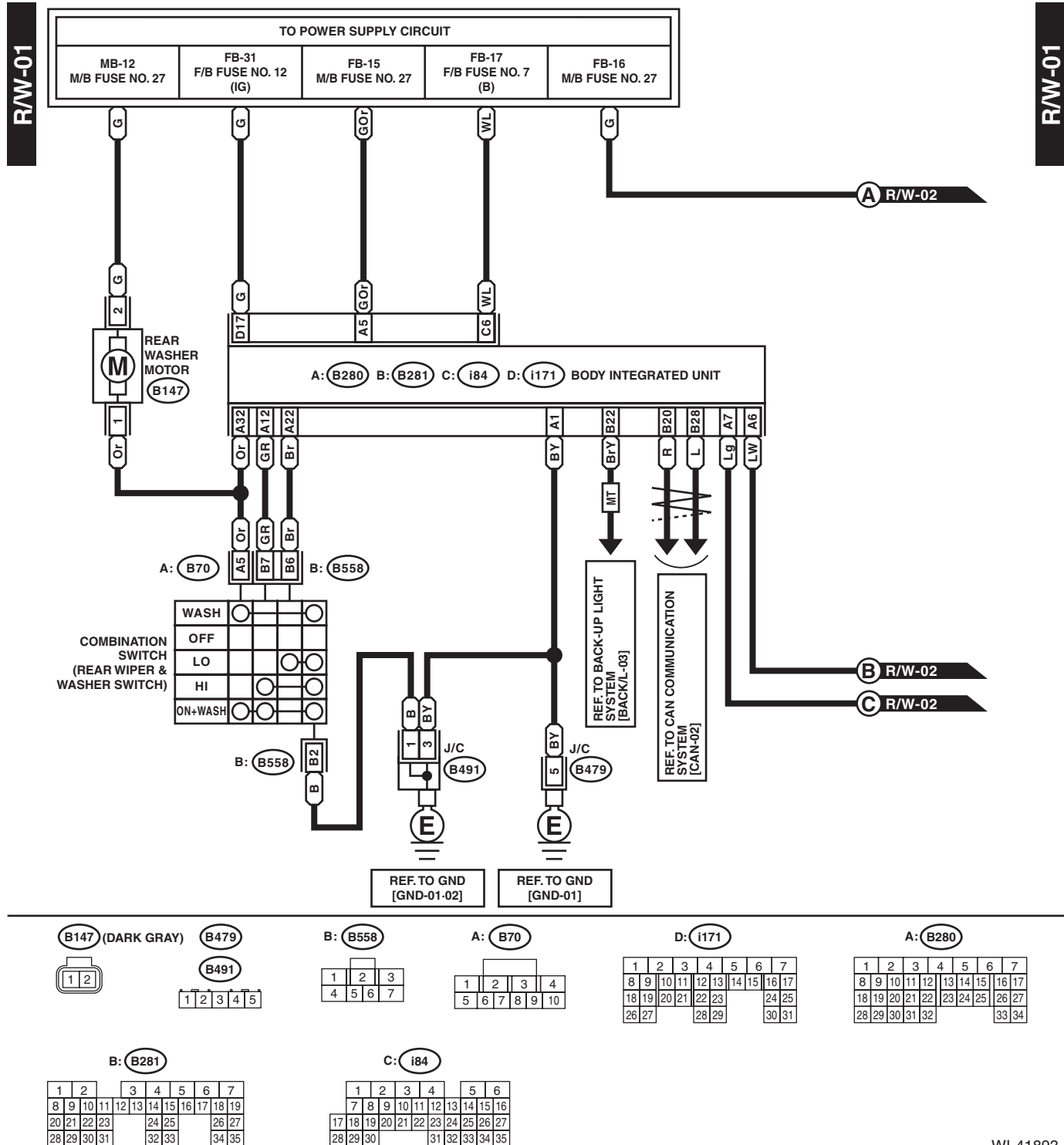
2. WITH HOME LINK



WI-37599

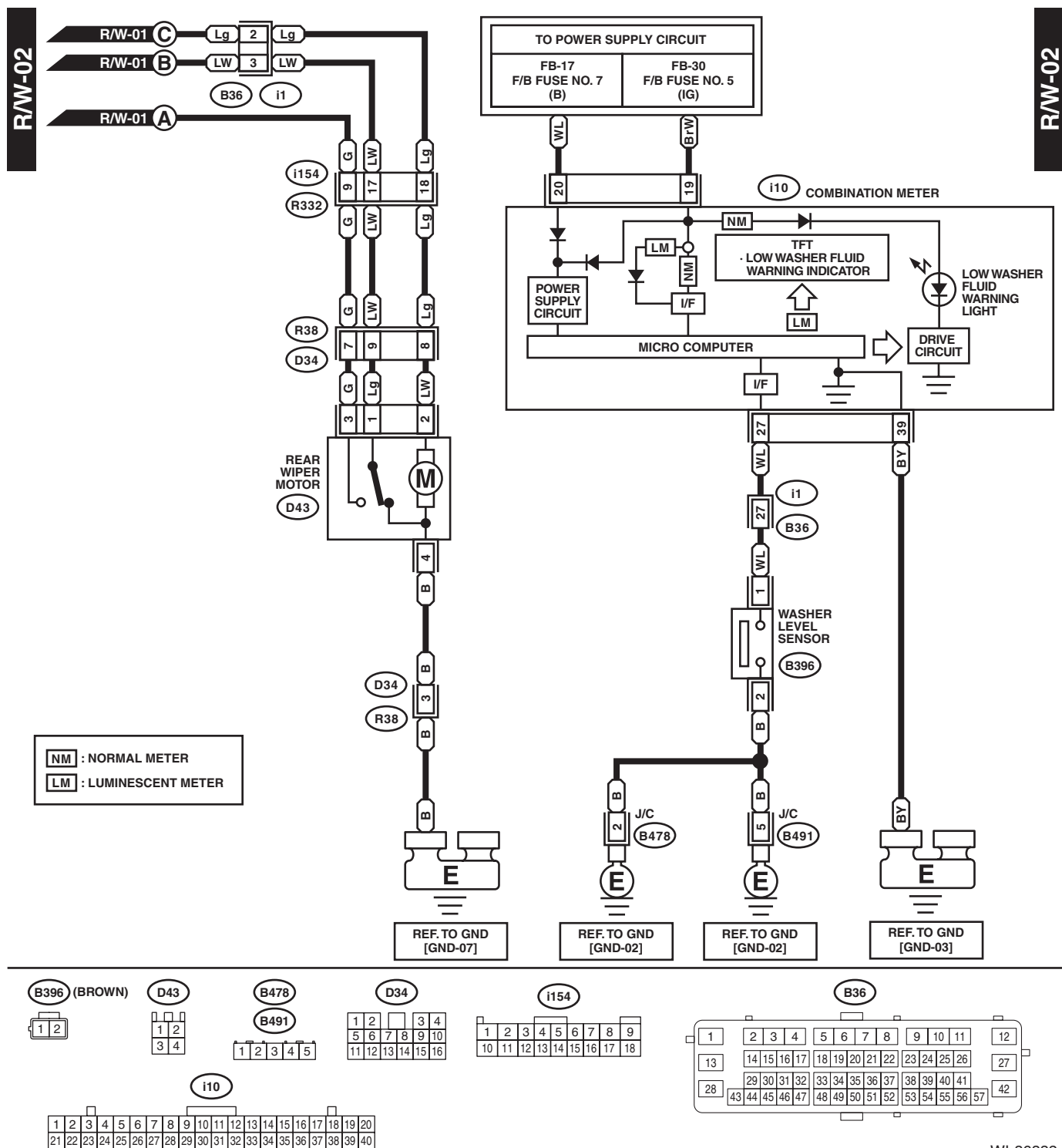
42.Rear Wiper and Washer System

A: WIRING DIAGRAM



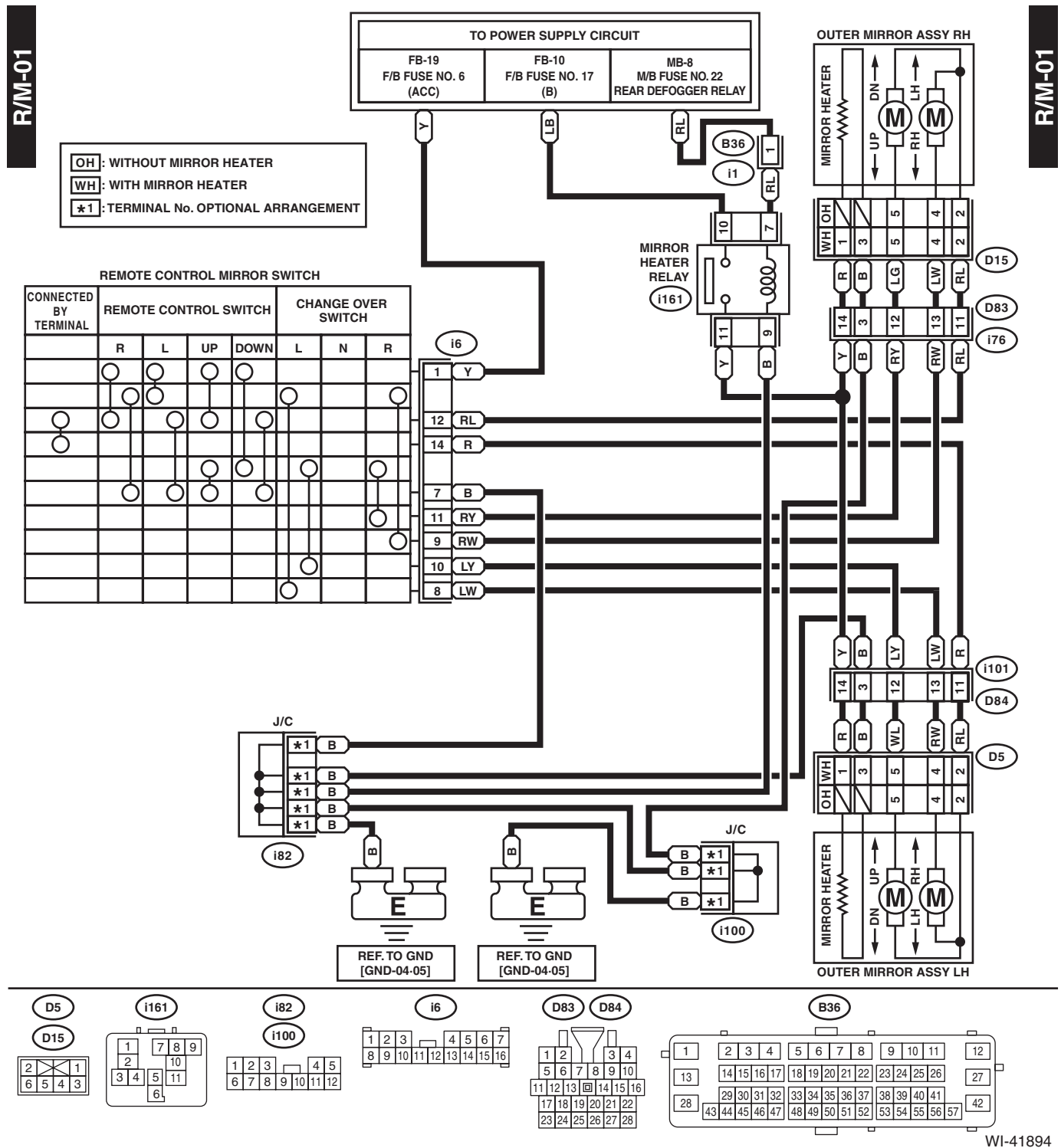
Rear Wiper and Washer System

WIRING SYSTEM



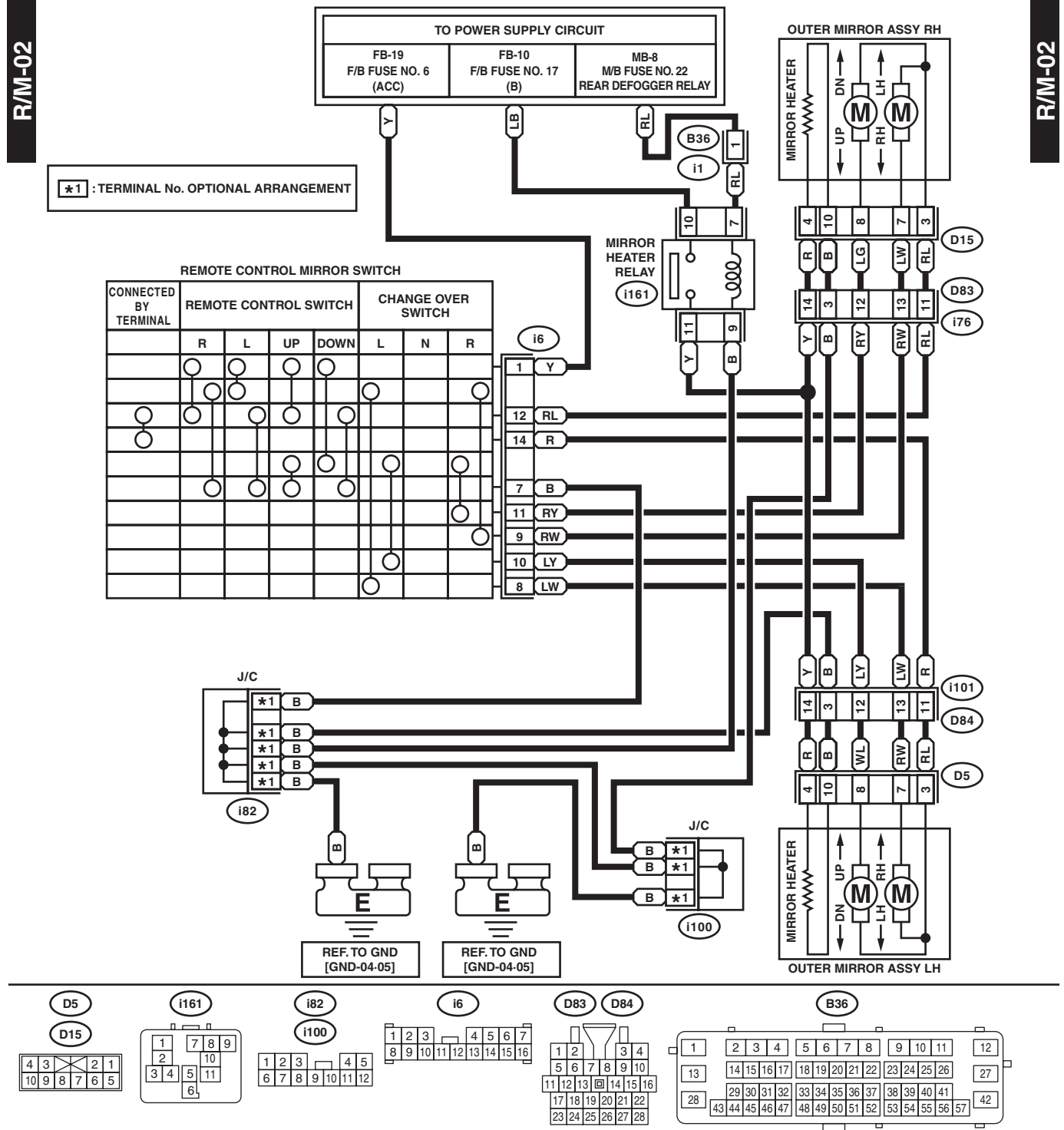
WI-36332

1. WITHOUT MIRROR TURN SIGNAL



WIRING SYSTEM

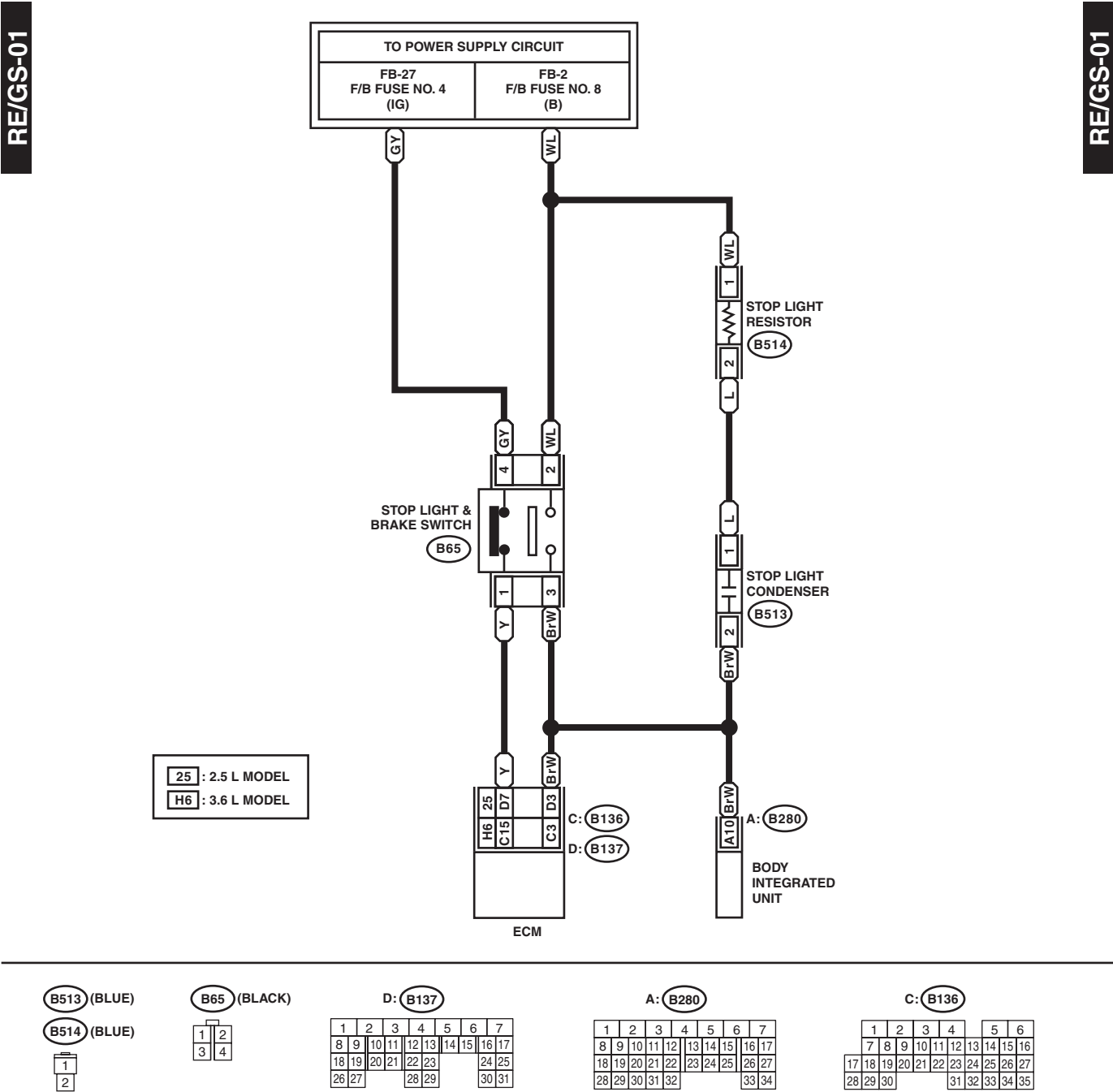
2. WITH MIRROR TURN SIGNAL



44.Remote Engine Start System

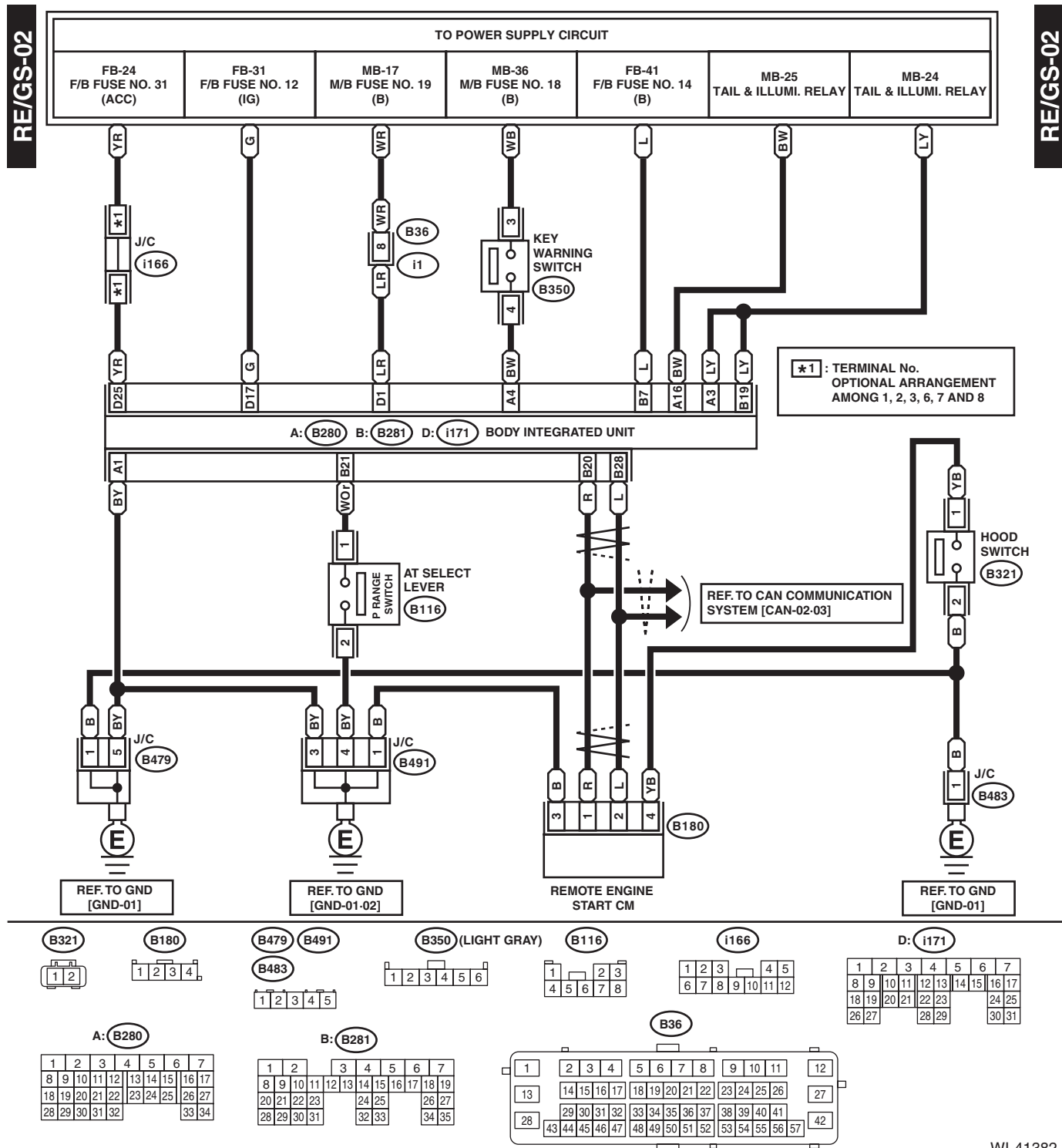
A: WIRING DIAGRAM

1. WITHOUT PUSH BUTTON START



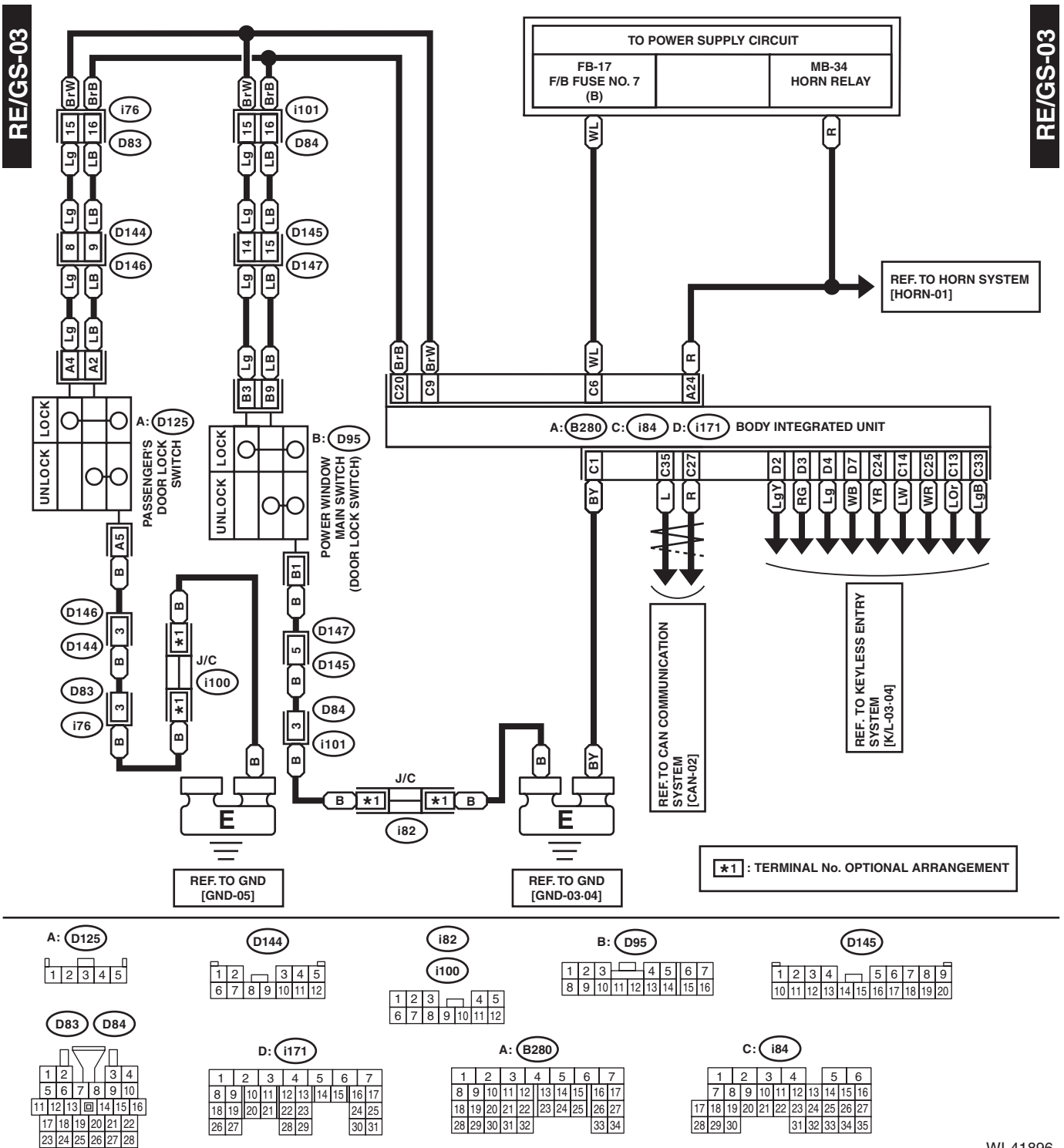
Remote Engine Start System

WIRING SYSTEM



Remote Engine Start System

WIRING SYSTEM

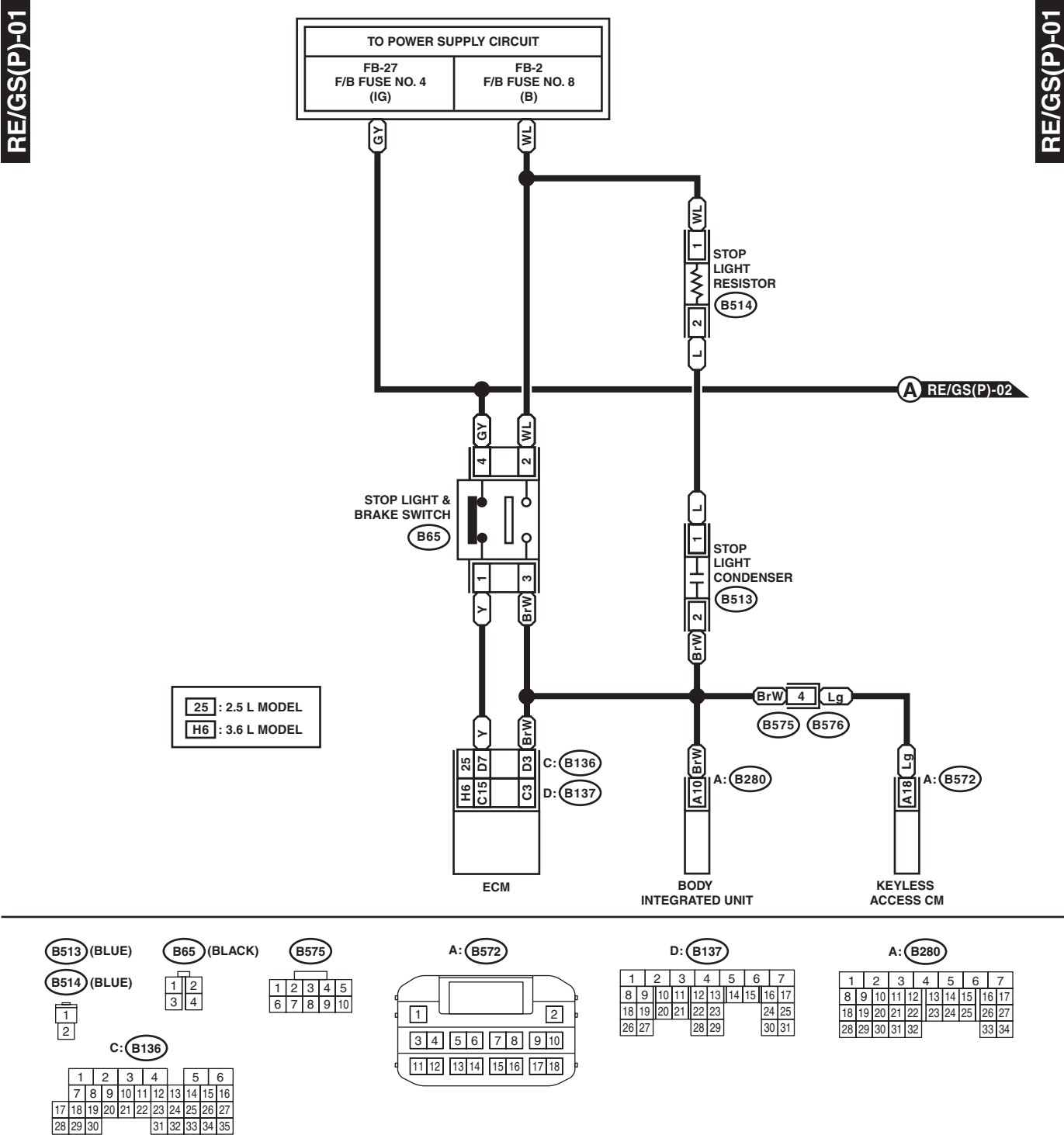


WI-41896

Remote Engine Start System

WIRING SYSTEM

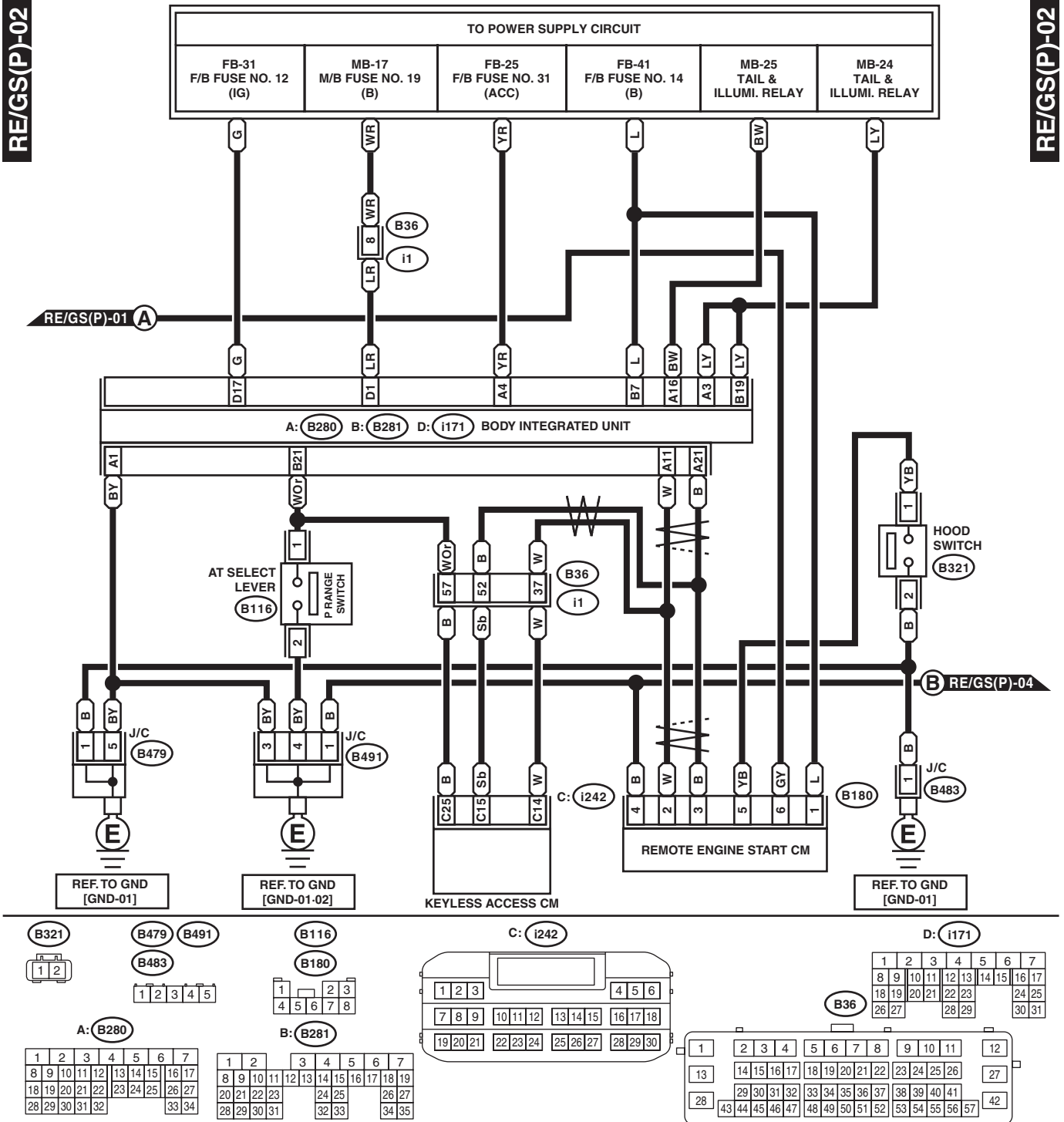
2. WITH PUSH BUTTON START



WI-41383

Remote Engine Start System

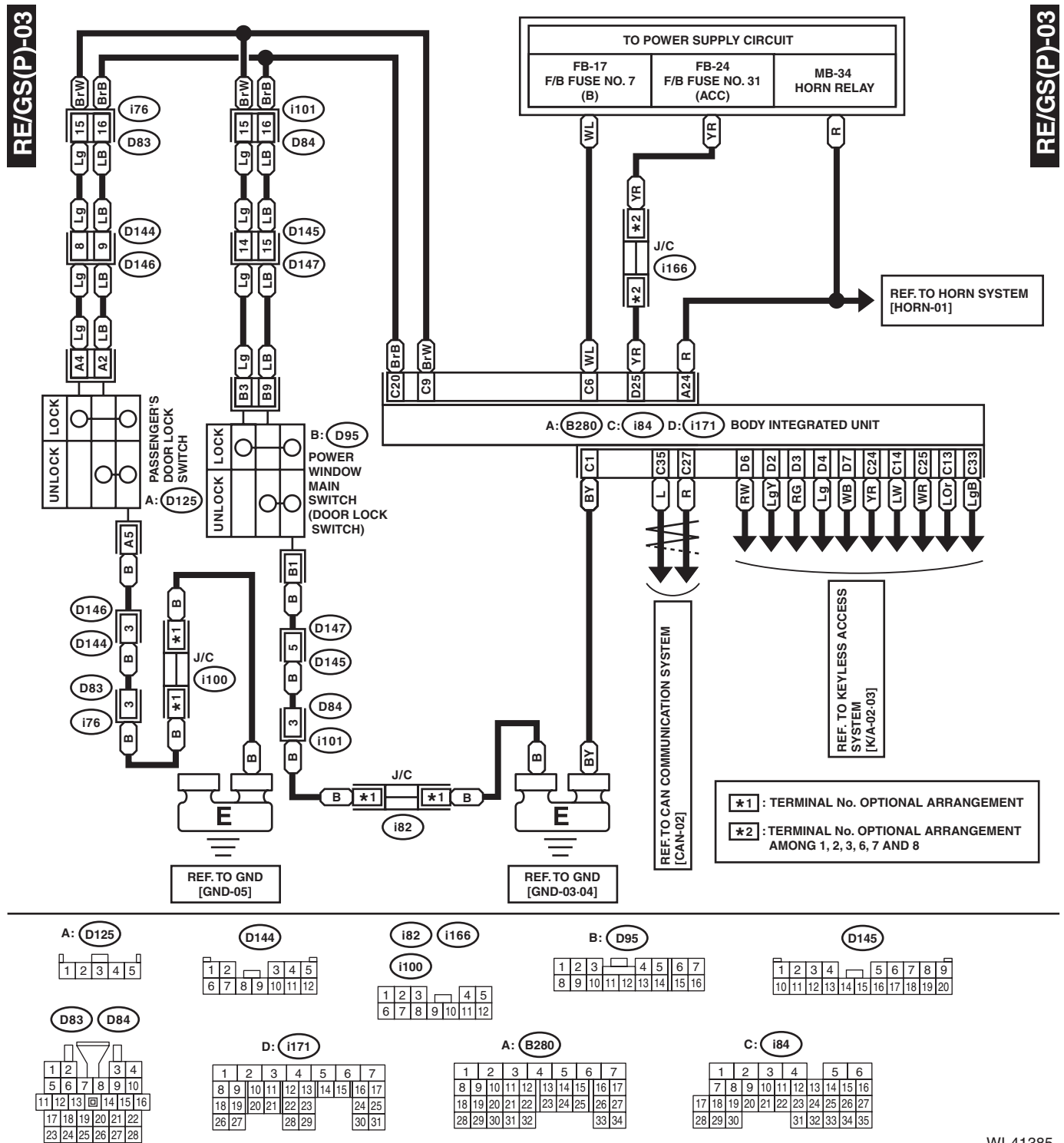
WIRING SYSTEM



WI-41384

Remote Engine Start System

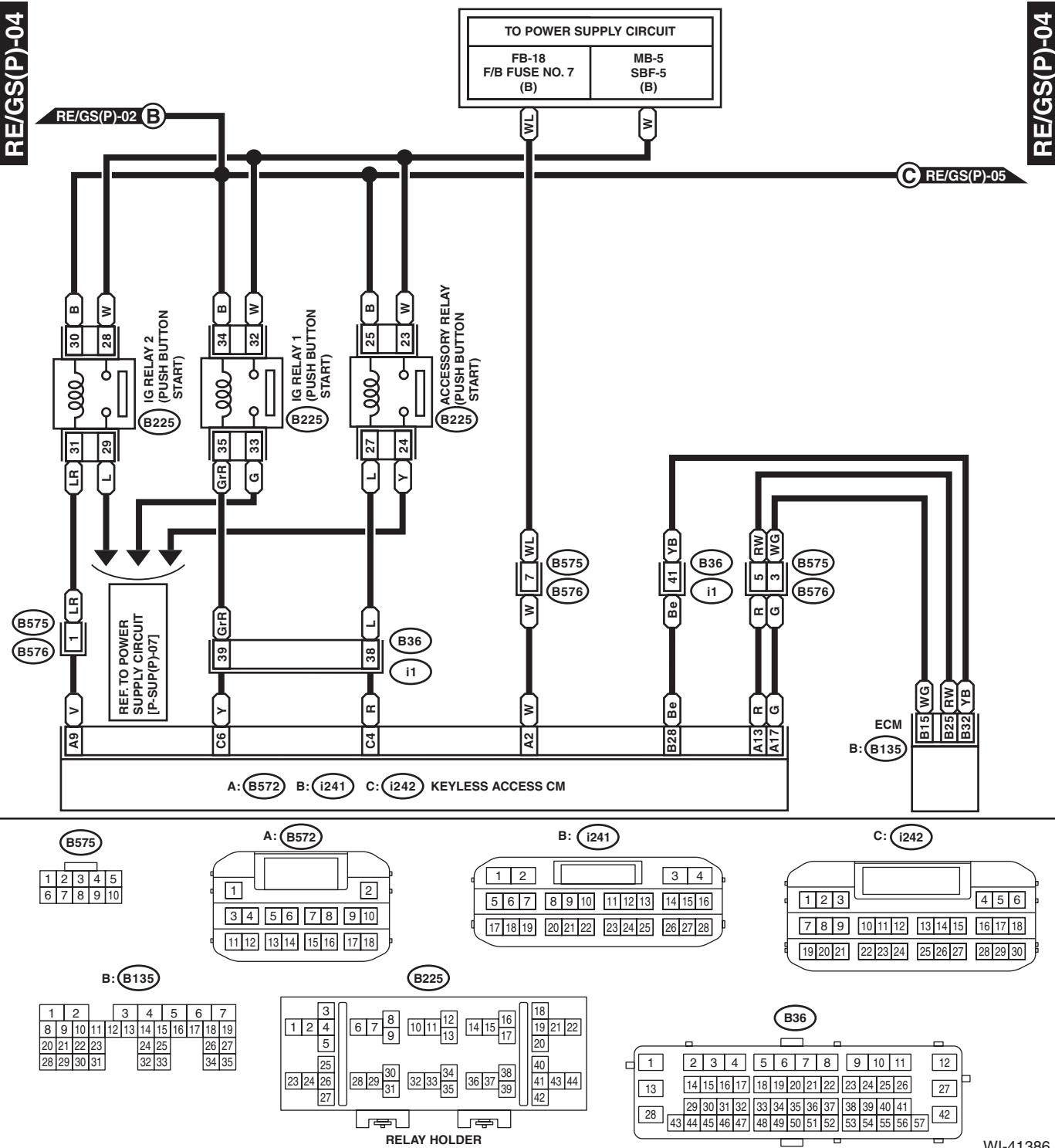
WIRING SYSTEM



WI-41385

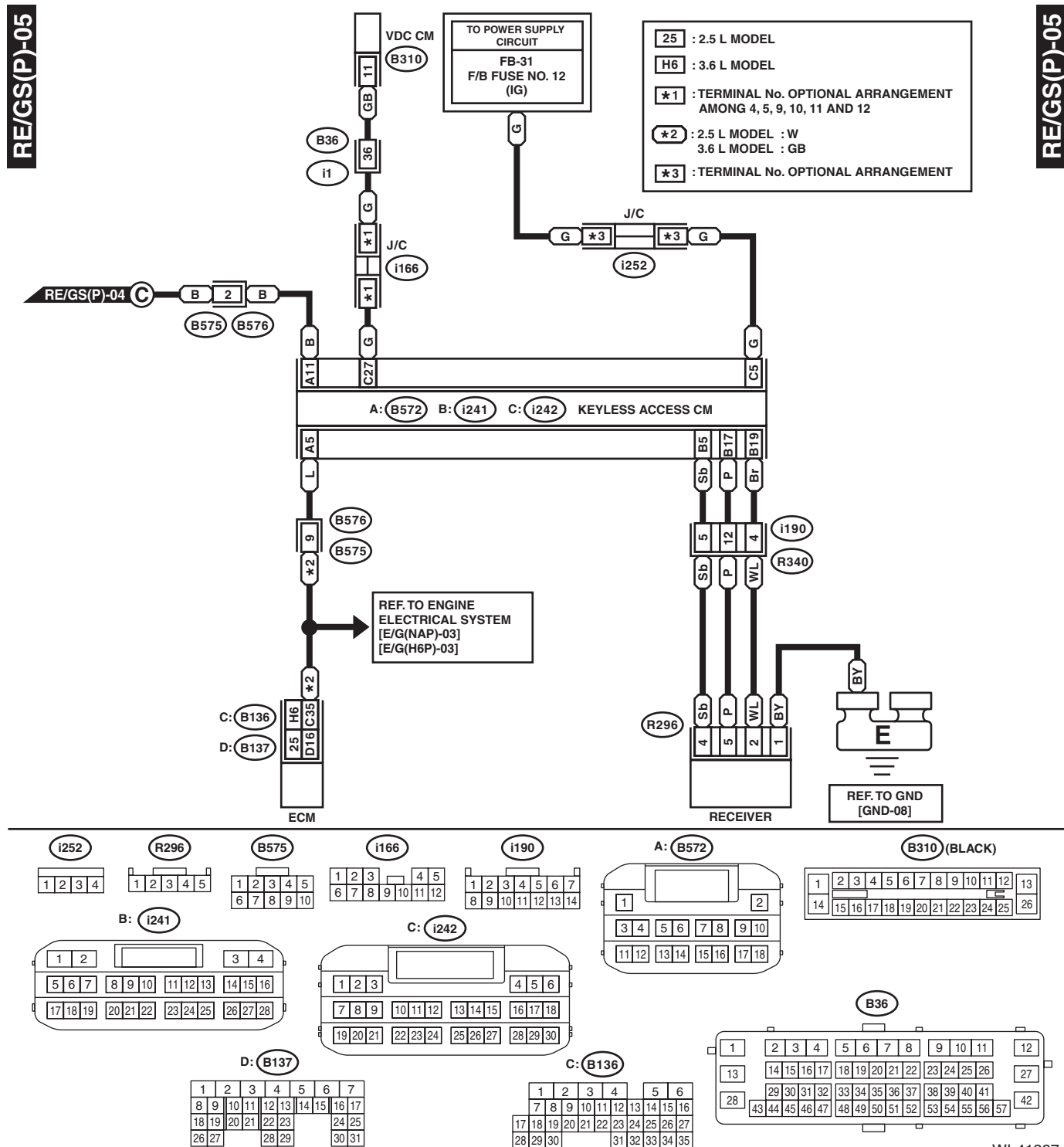
Remote Engine Start System

WIRING SYSTEM



Remote Engine Start System

WIRING SYSTEM

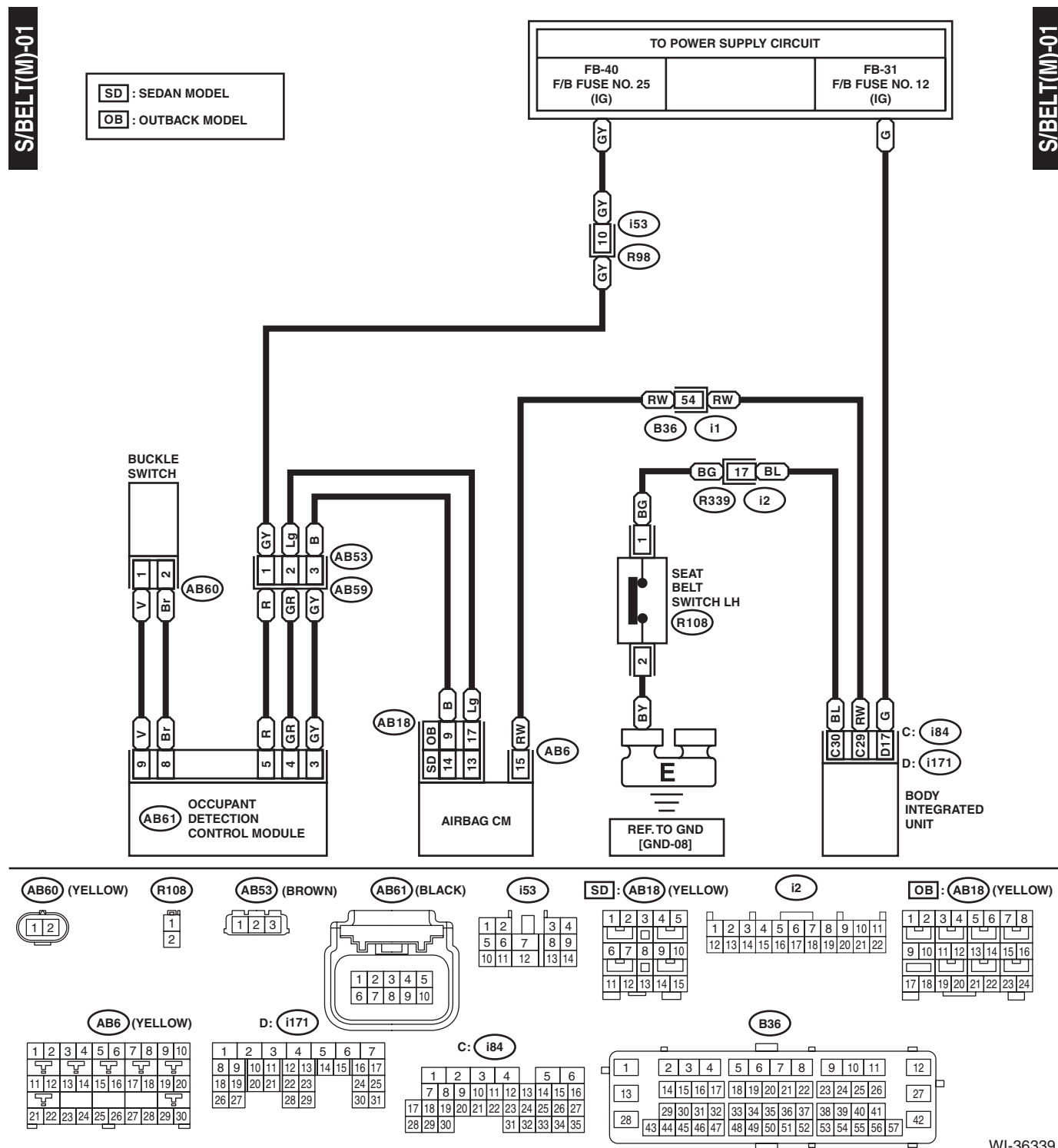


WI-41387

45.Seat Belt Warning System

A: WIRING DIAGRAM

1. MANUAL SEAT MODEL



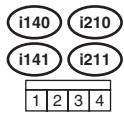
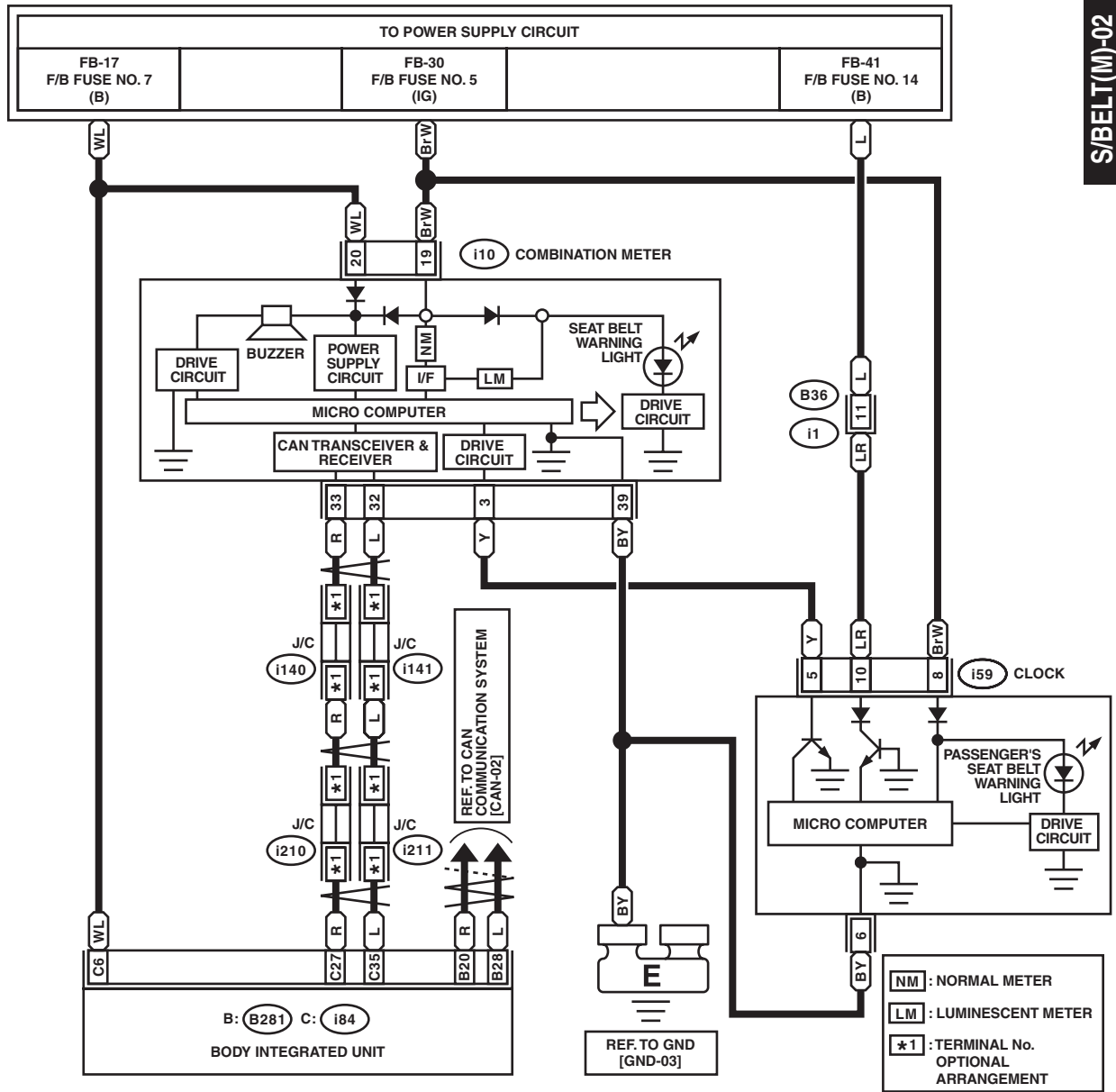
WI-36339

Seat Belt Warning System

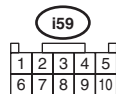
WIRING SYSTEM

S/BELT(M)-02

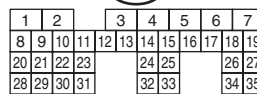
S/BELT(M)-02



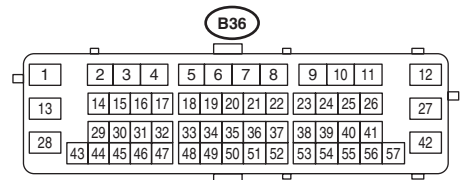
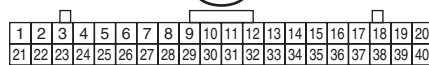
C: i84



B: B281



i10

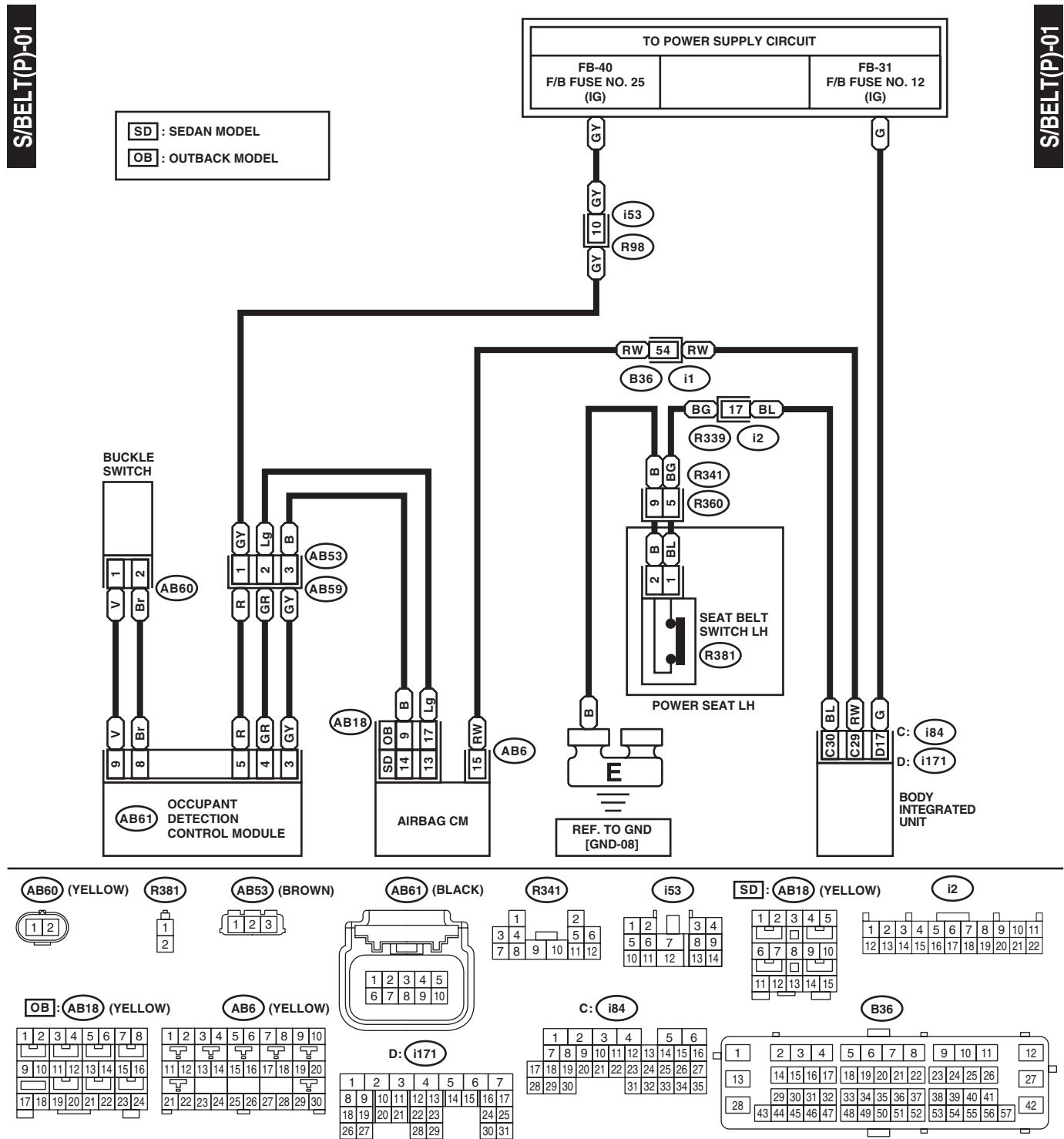


WI-36340

Seat Belt Warning System

WIRING SYSTEM

2. MODEL WITH POWER SEATS



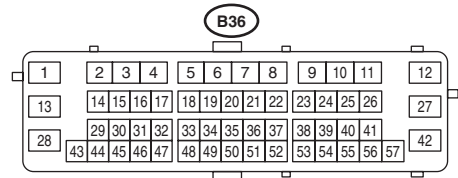
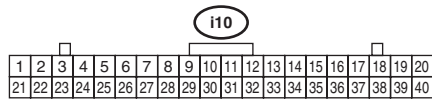
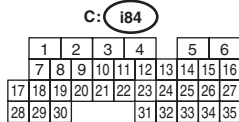
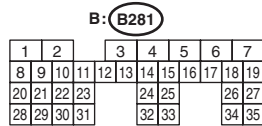
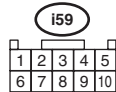
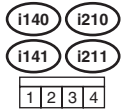
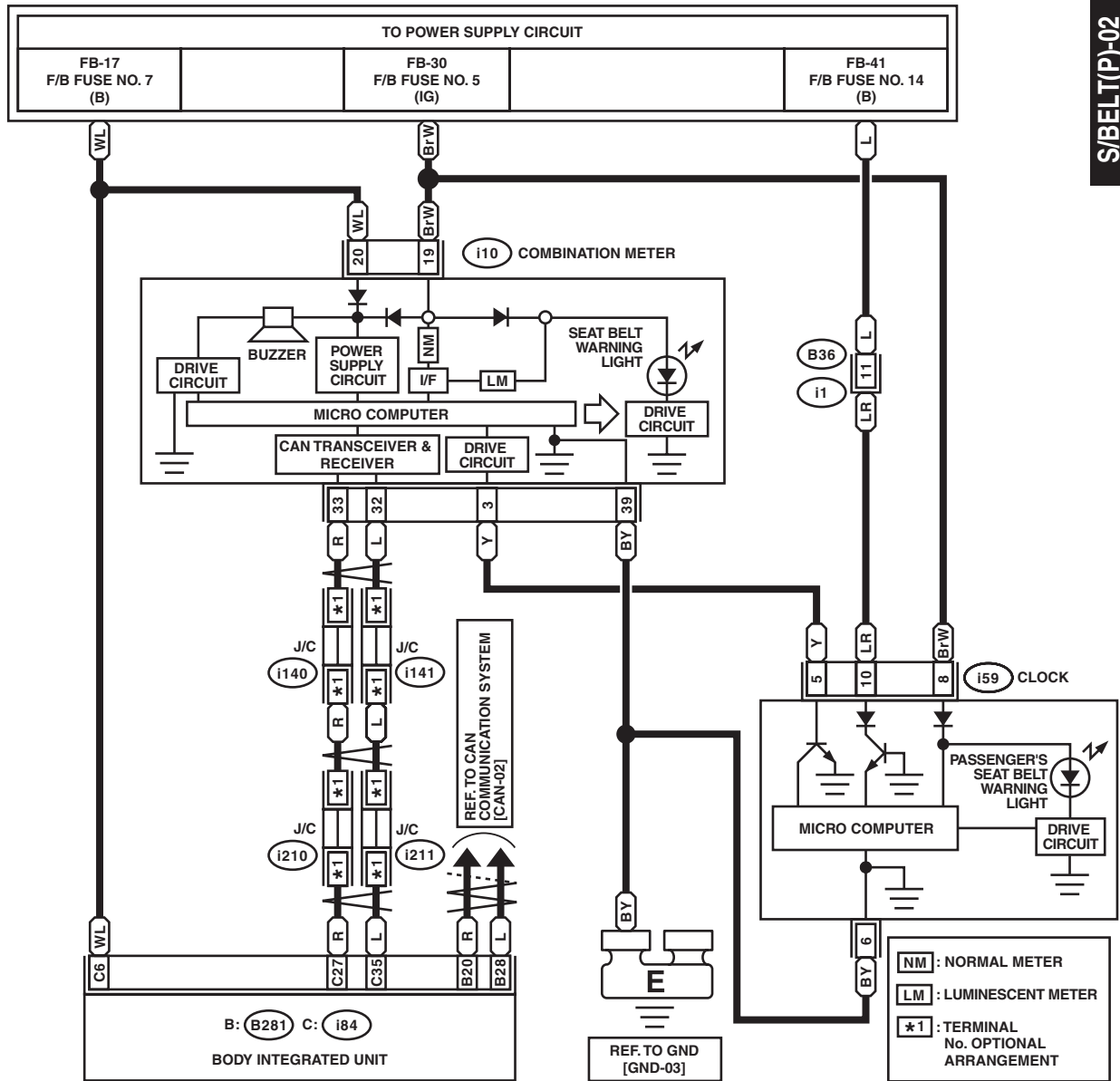
WI-36341

Seat Belt Warning System

WIRING SYSTEM

S/BELT(P)-02

S/BELT(P)-02

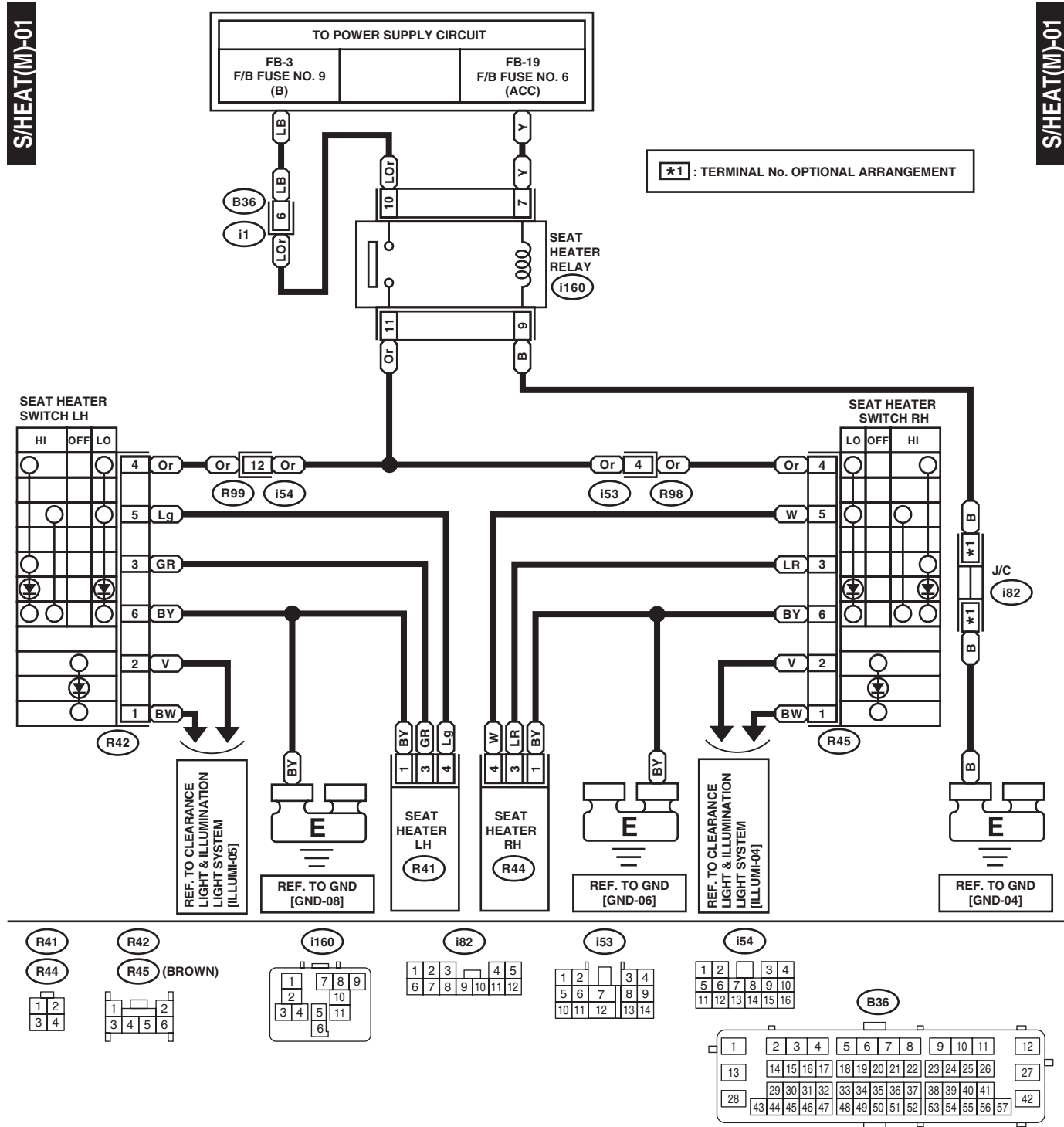


WI-36342

46. Seat Heater System

A: WIRING DIAGRAM

1. MANUAL SEAT MODEL

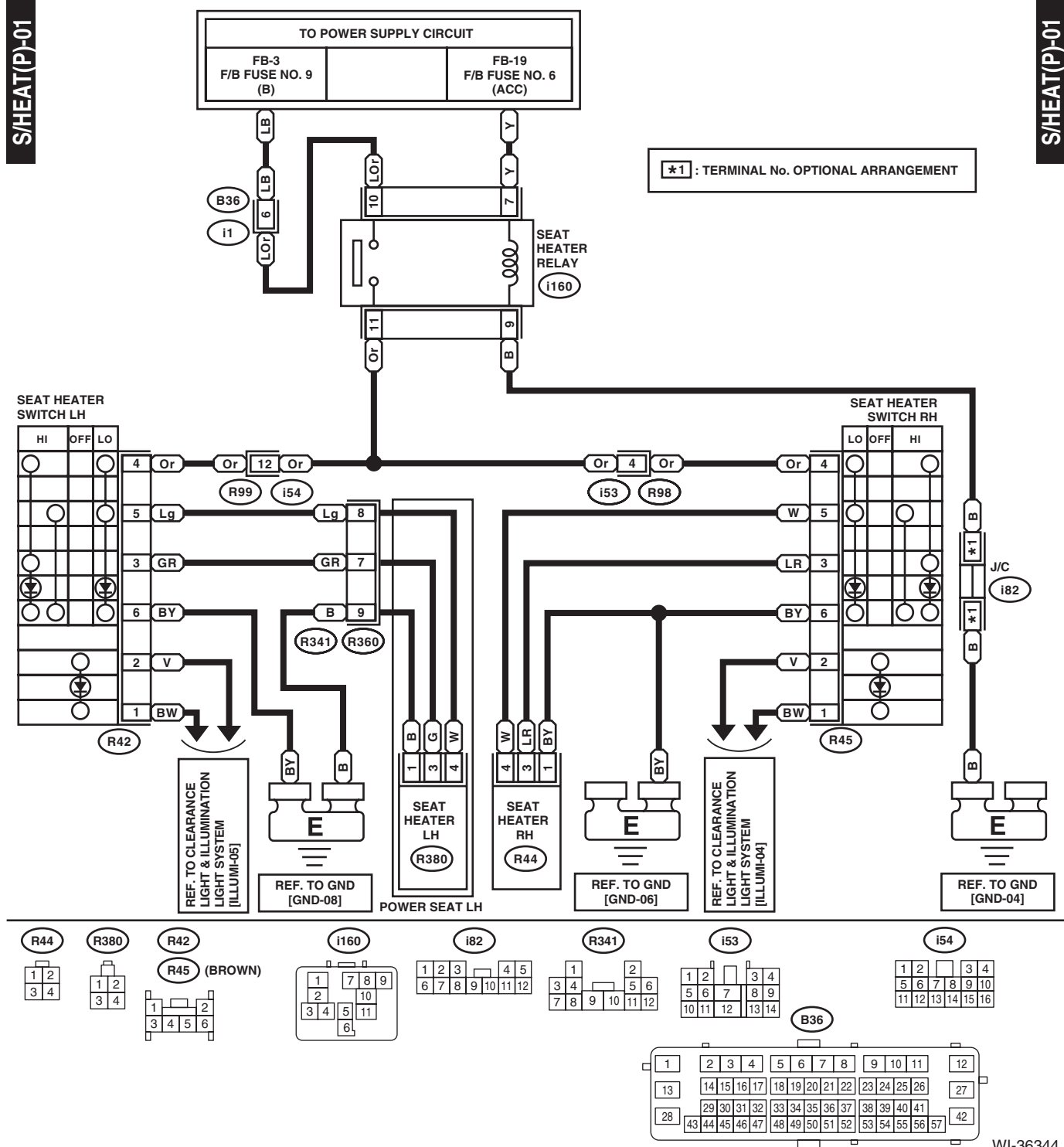


WI-36343

Seat Heater System

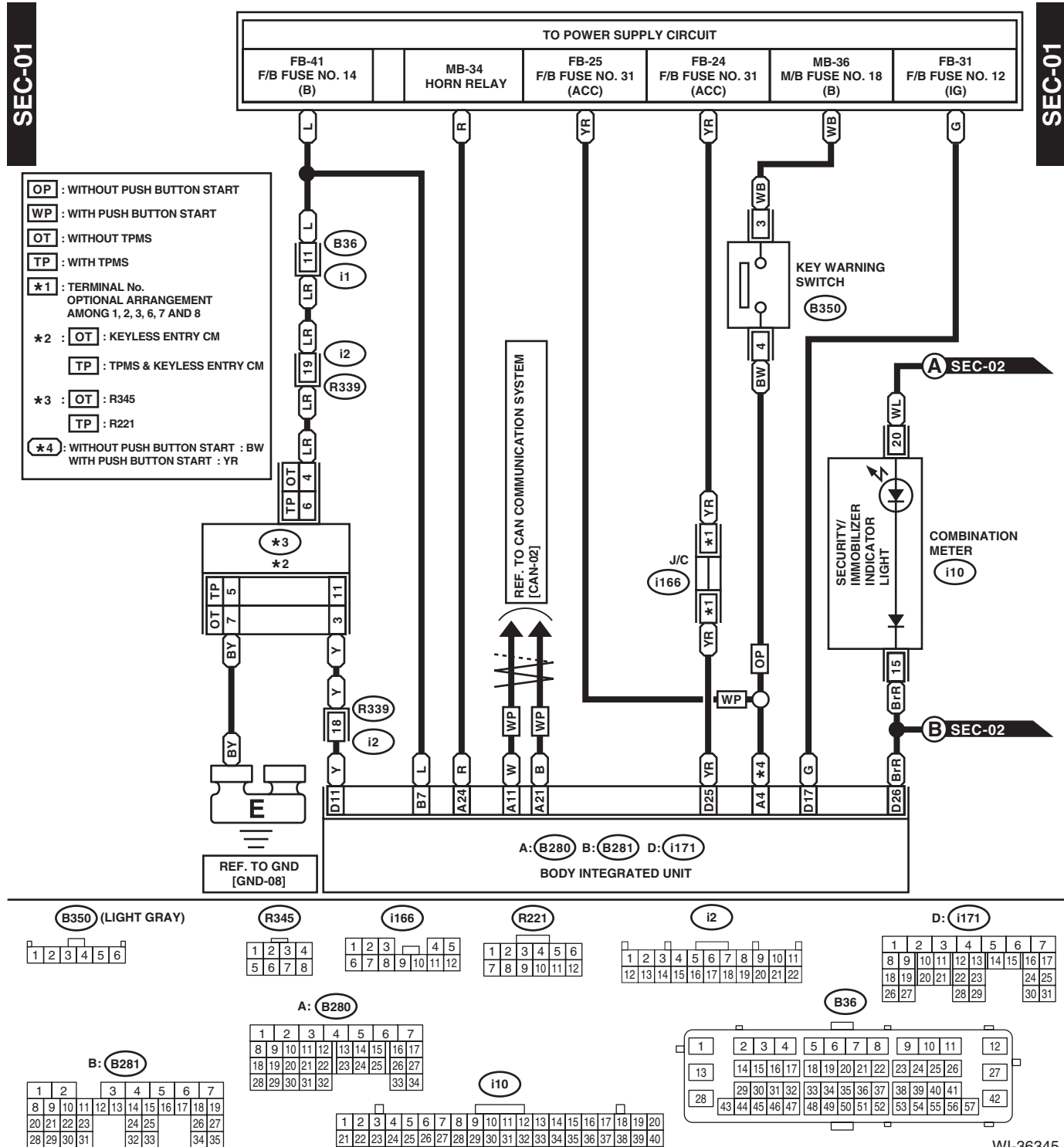
WIRING SYSTEM

2. MODEL WITH POWER SEATS



47.Security System

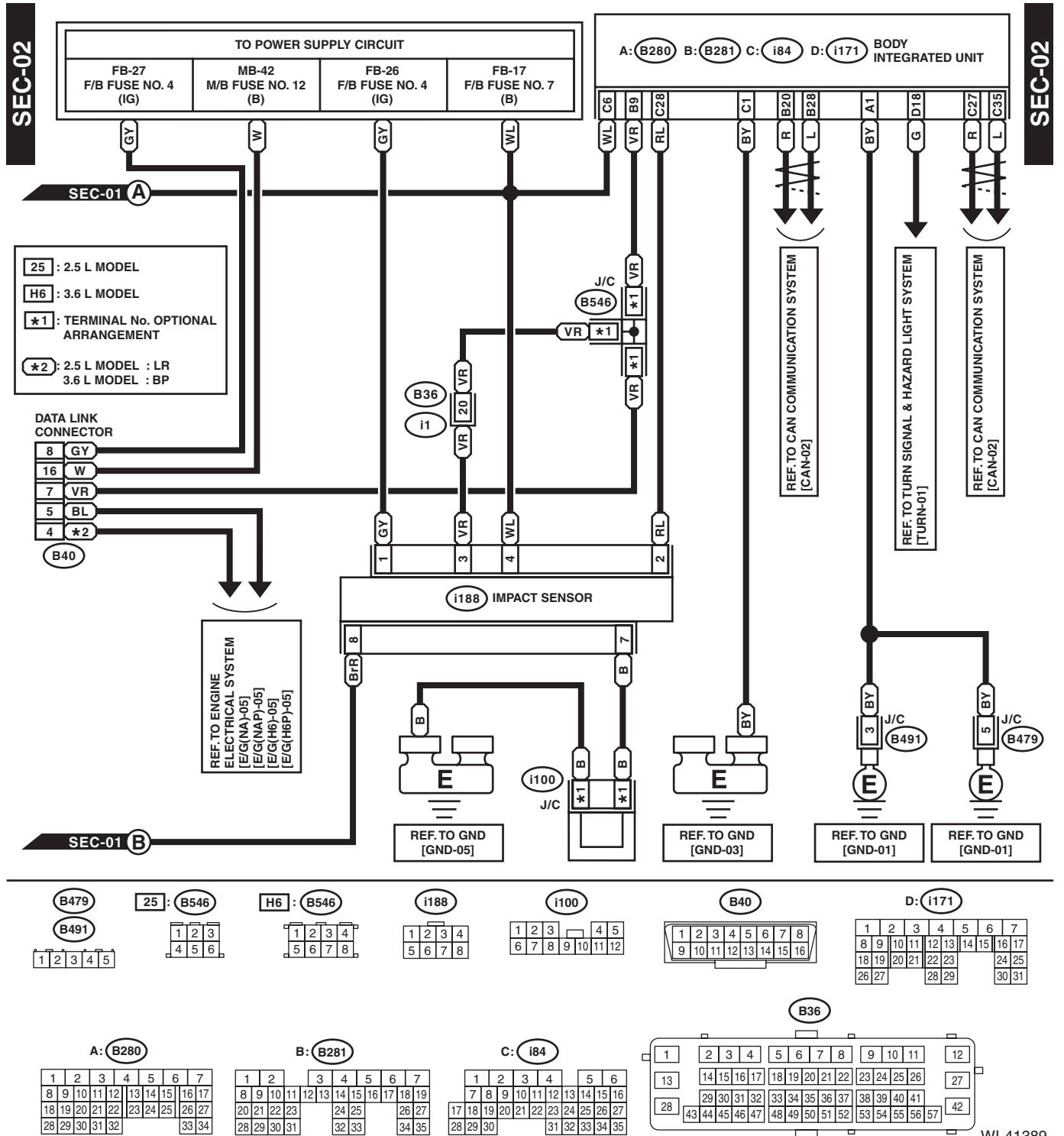
A: WIRING DIAGRAM



WI-36345

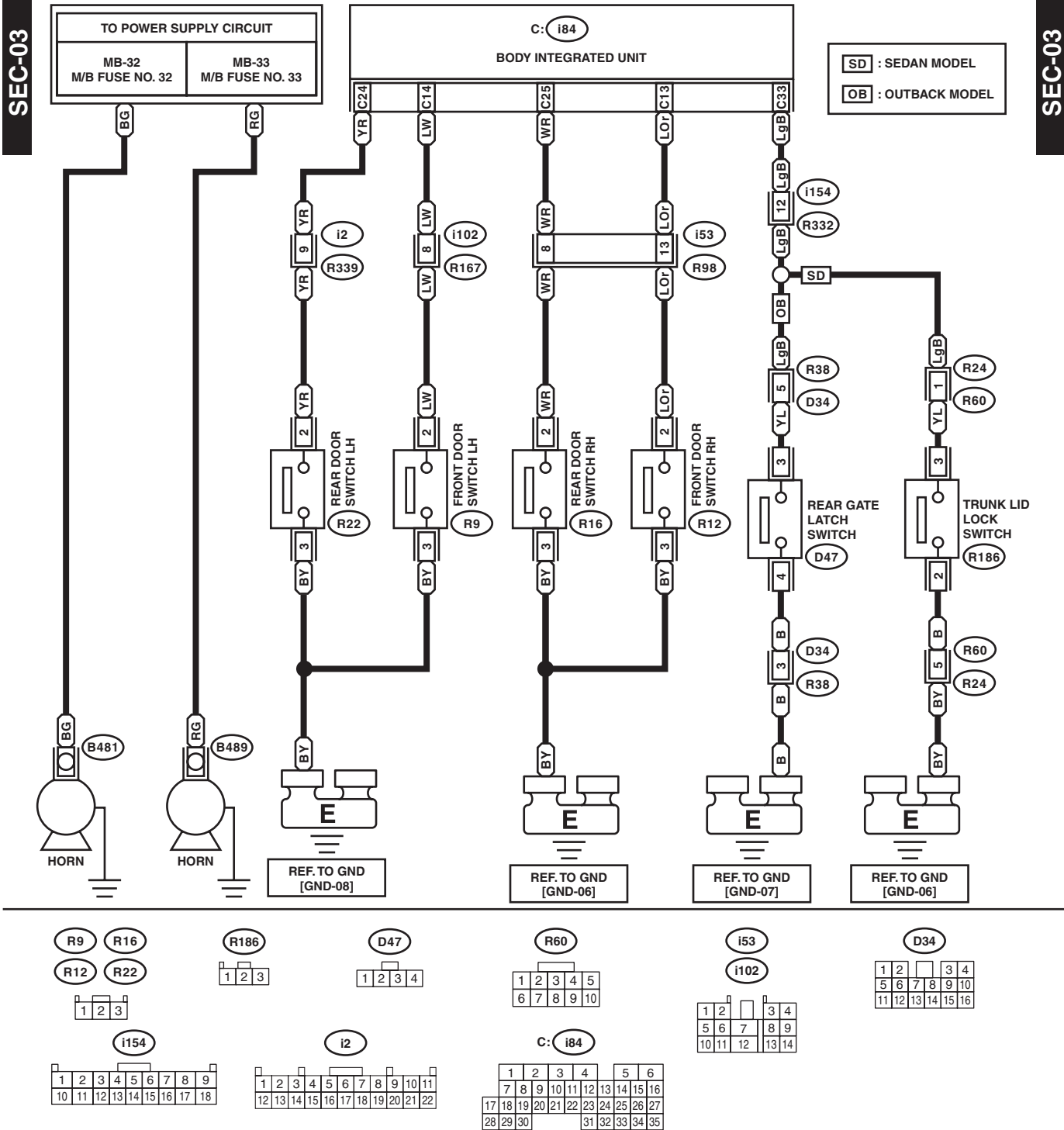
Security System

WIRING SYSTEM



SEC-03

SEC-03



WI-36347

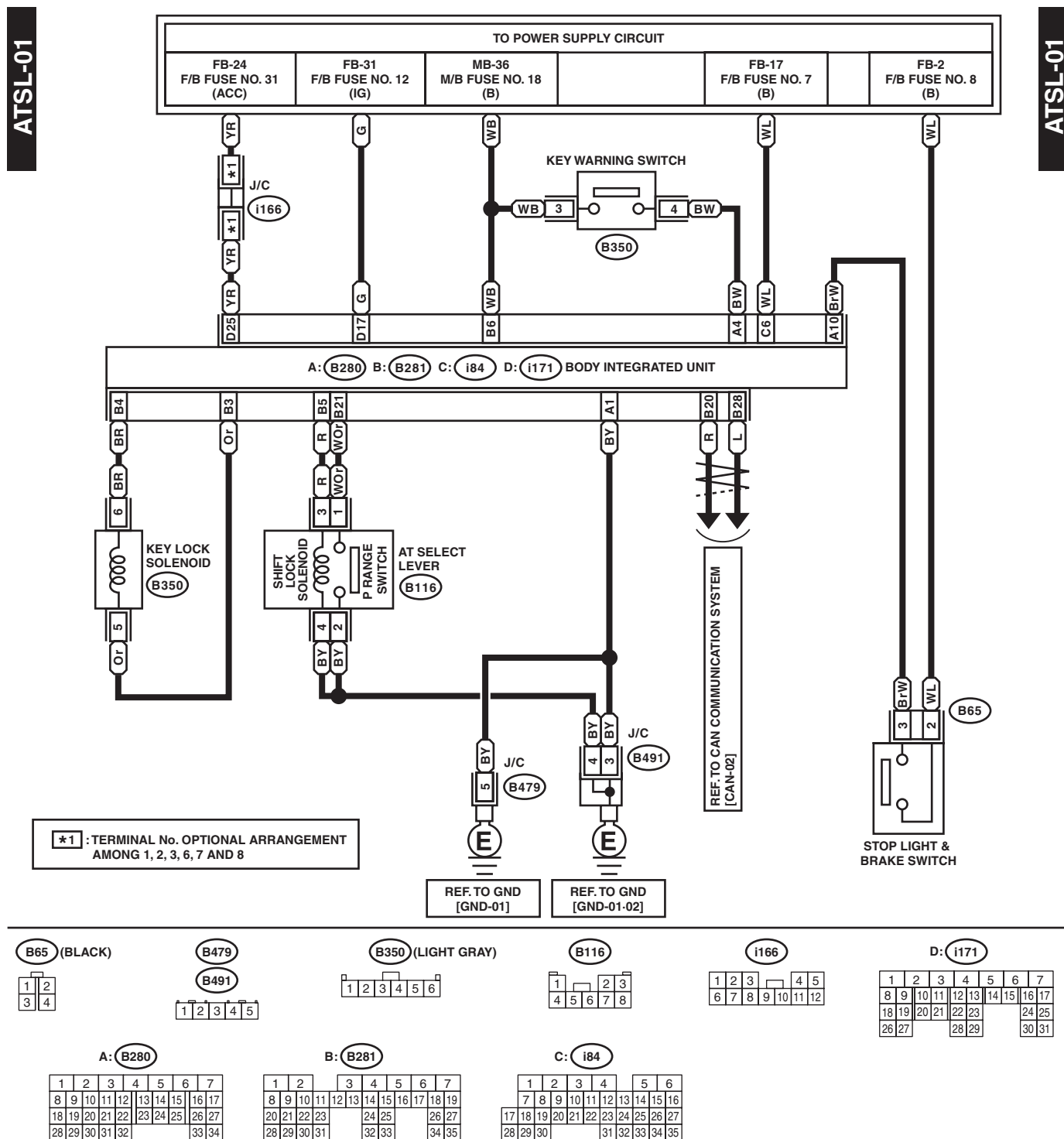
Shift Lock Control System

WIRING SYSTEM

48.Shift Lock Control System

A: WIRING DIAGRAM

1. WITHOUT PUSH BUTTON START



WI-41897

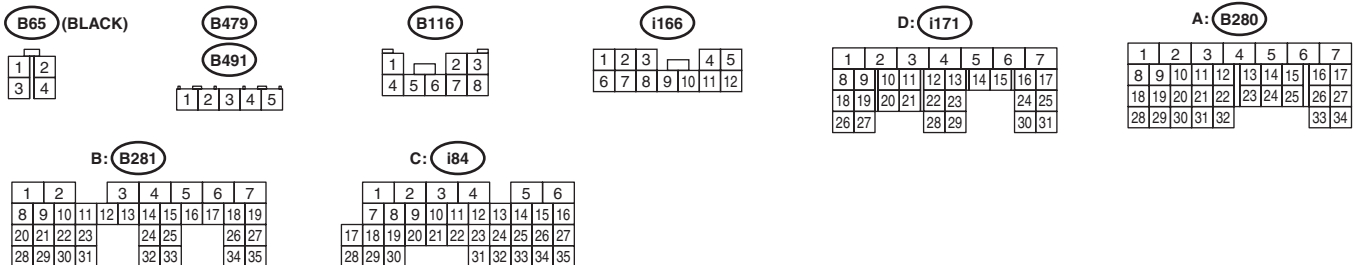
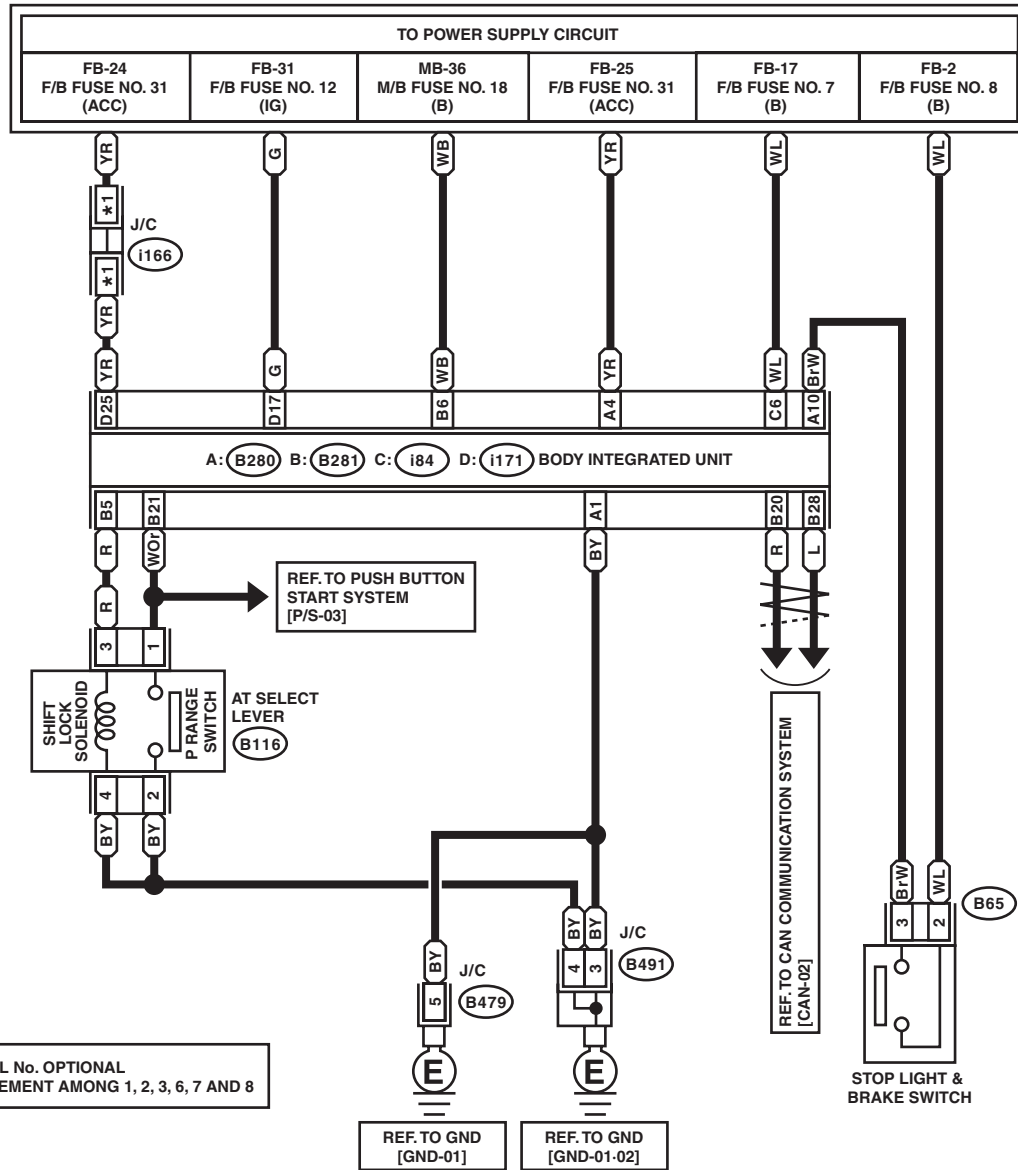
Shift Lock Control System

WIRING SYSTEM

2. WITH PUSH BUTTON START

ATSL(P)-01

ATSL(P)-01



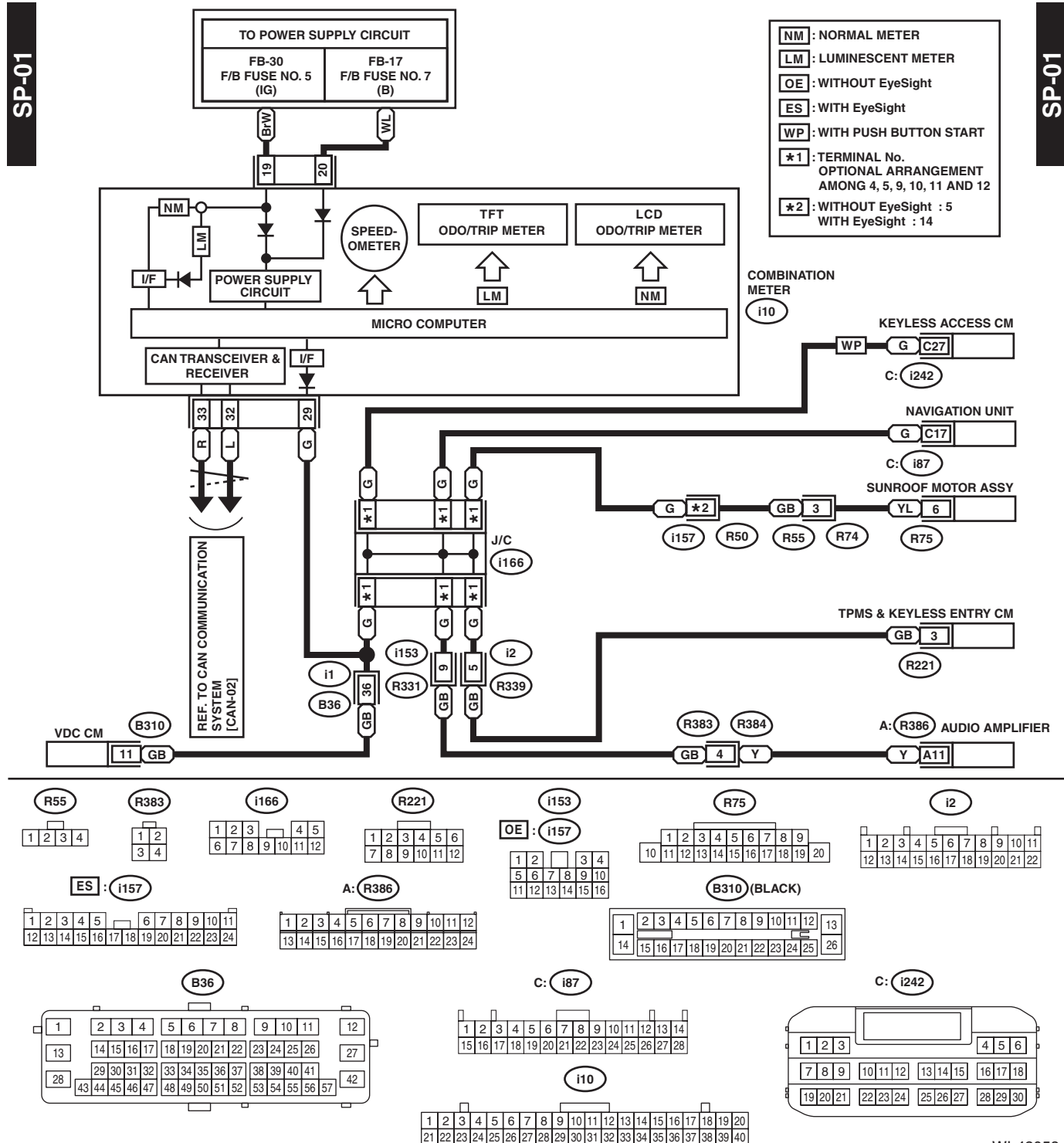
WI-41898

Speedometer System

WIRING SYSTEM

49.Speedometer System

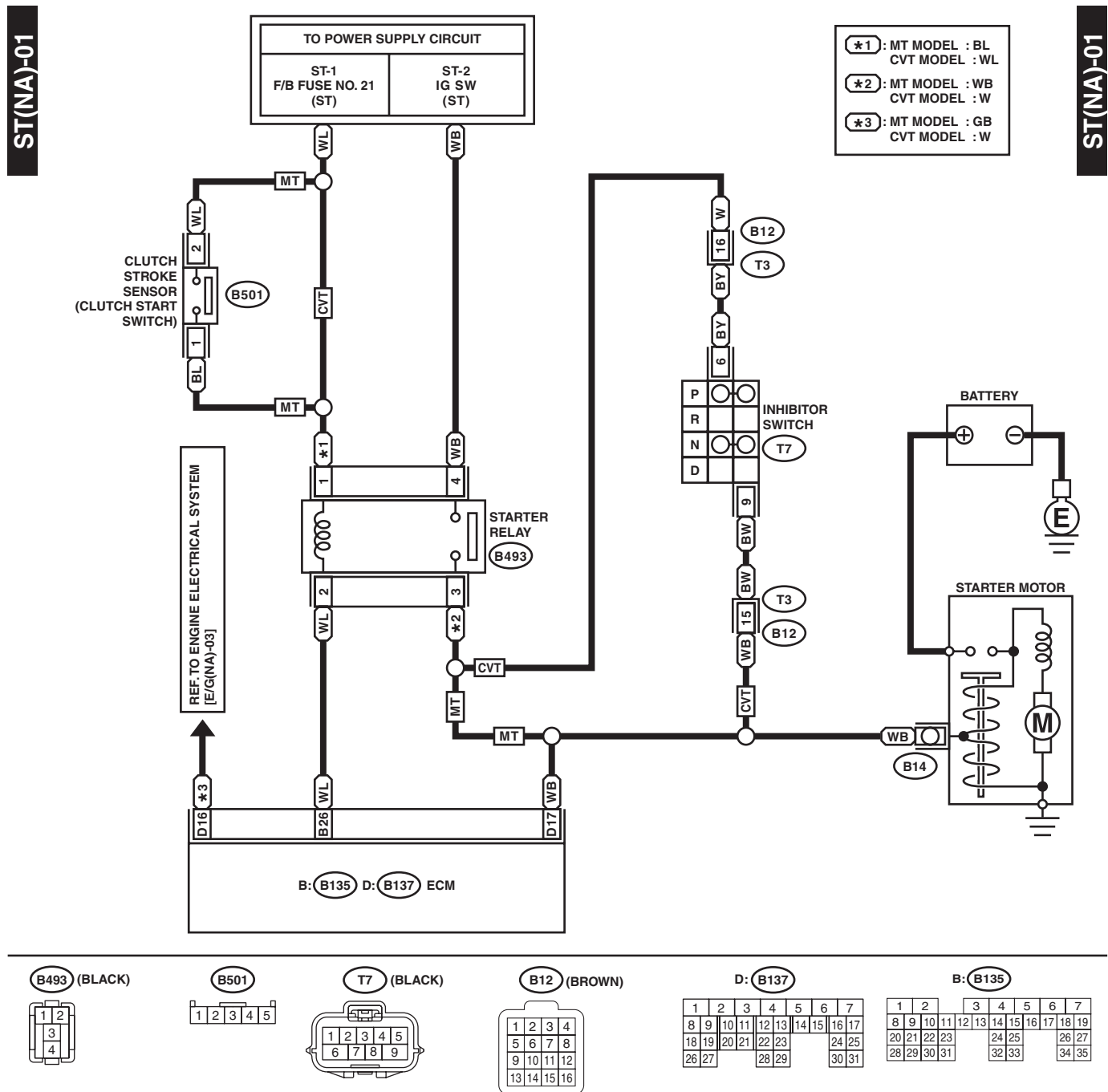
A: WIRING DIAGRAM



50.Starter System

A: WIRING DIAGRAM

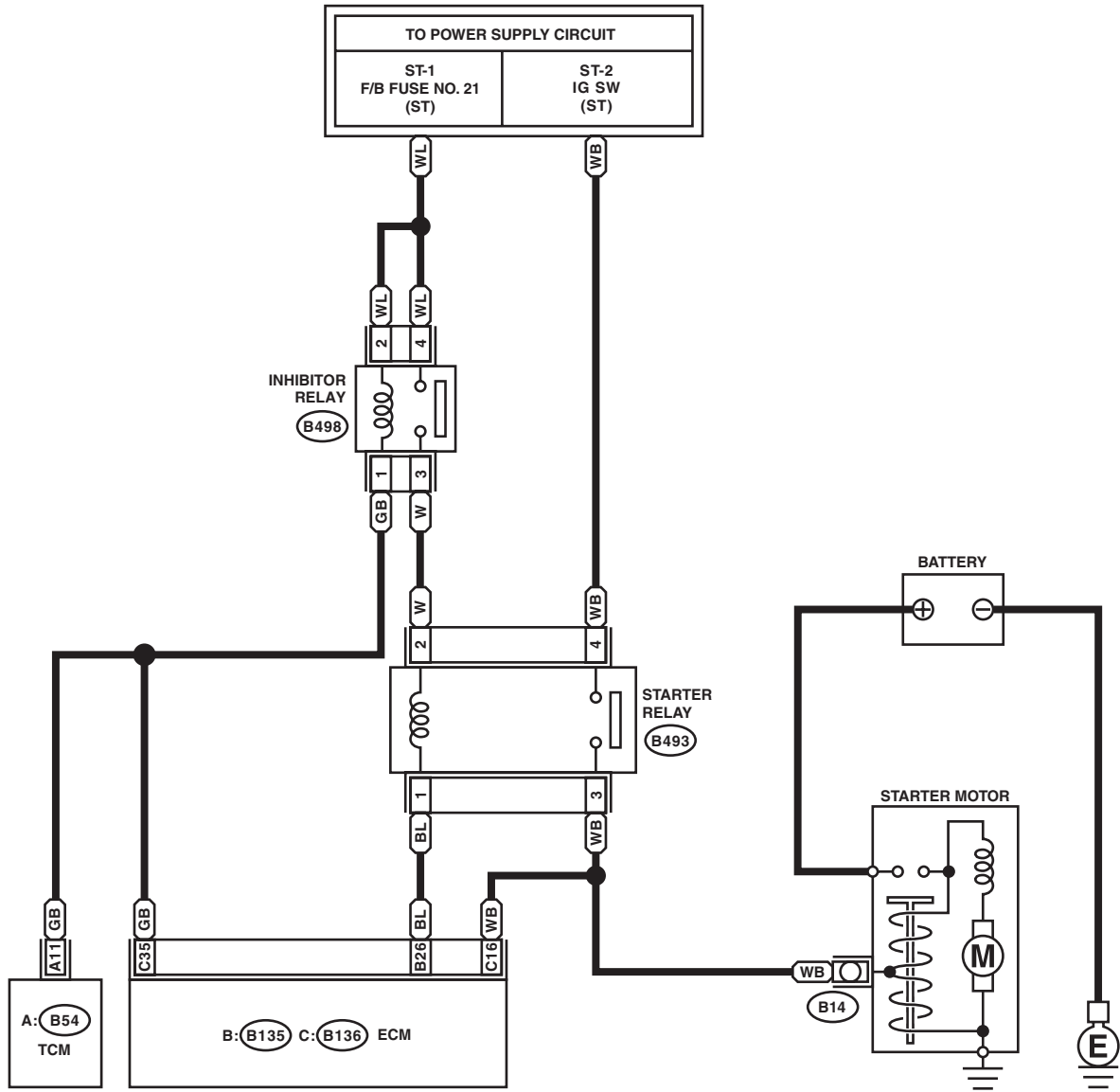
1. 2.5 L MODEL (WITHOUT PUSH BUTTON START)



3. 3.6 L MODEL (WITHOUT PUSH BUTTON START)

ST(H6)-01

ST(H6)-01



(B493) (BLACK)

(B498) (BLACK)



A: (B54) B: (B135)

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

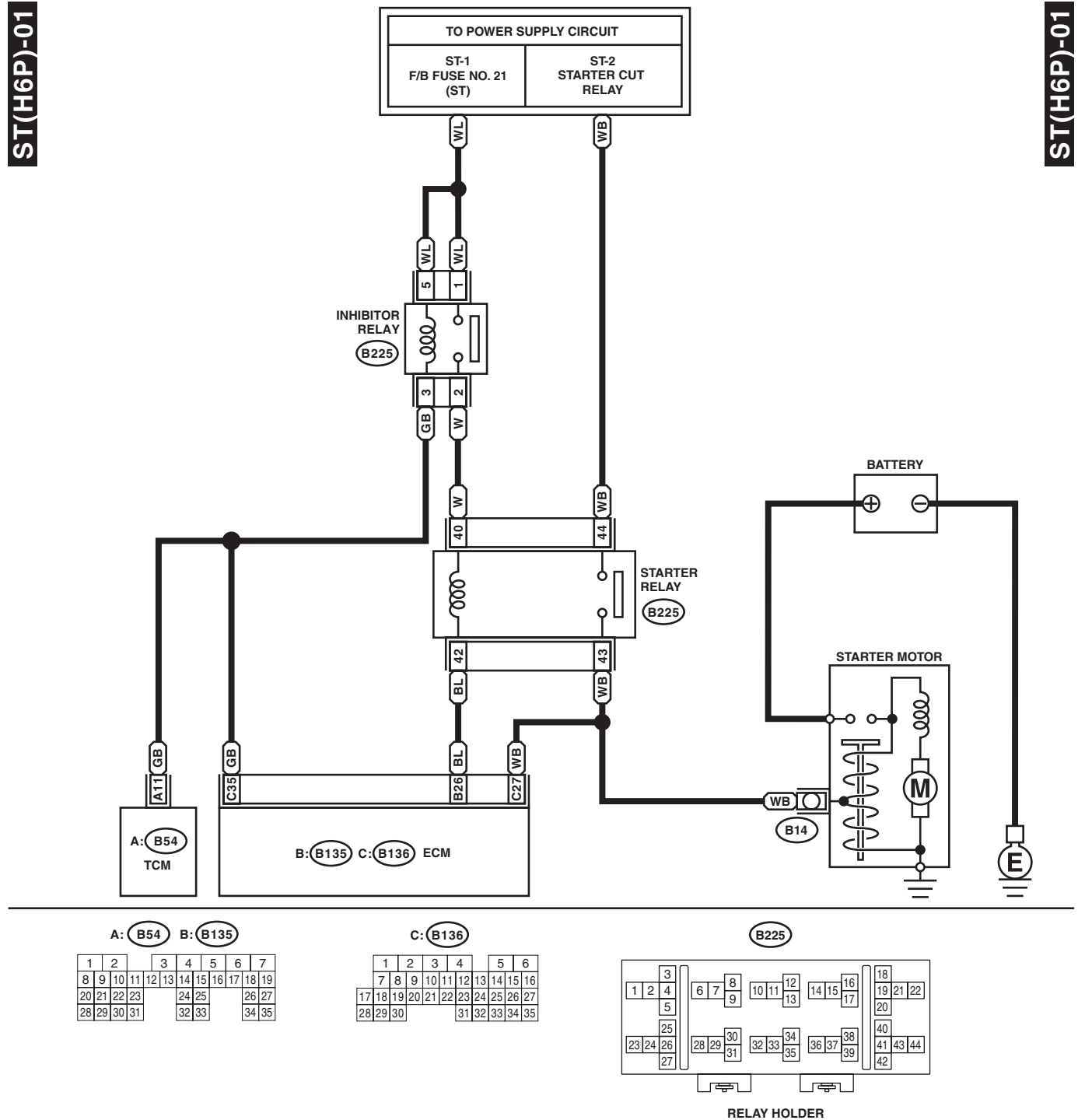
C: (B136)

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

Starter System

WIRING SYSTEM

4. 3.6 L MODEL (WITH PUSH BUTTON START)

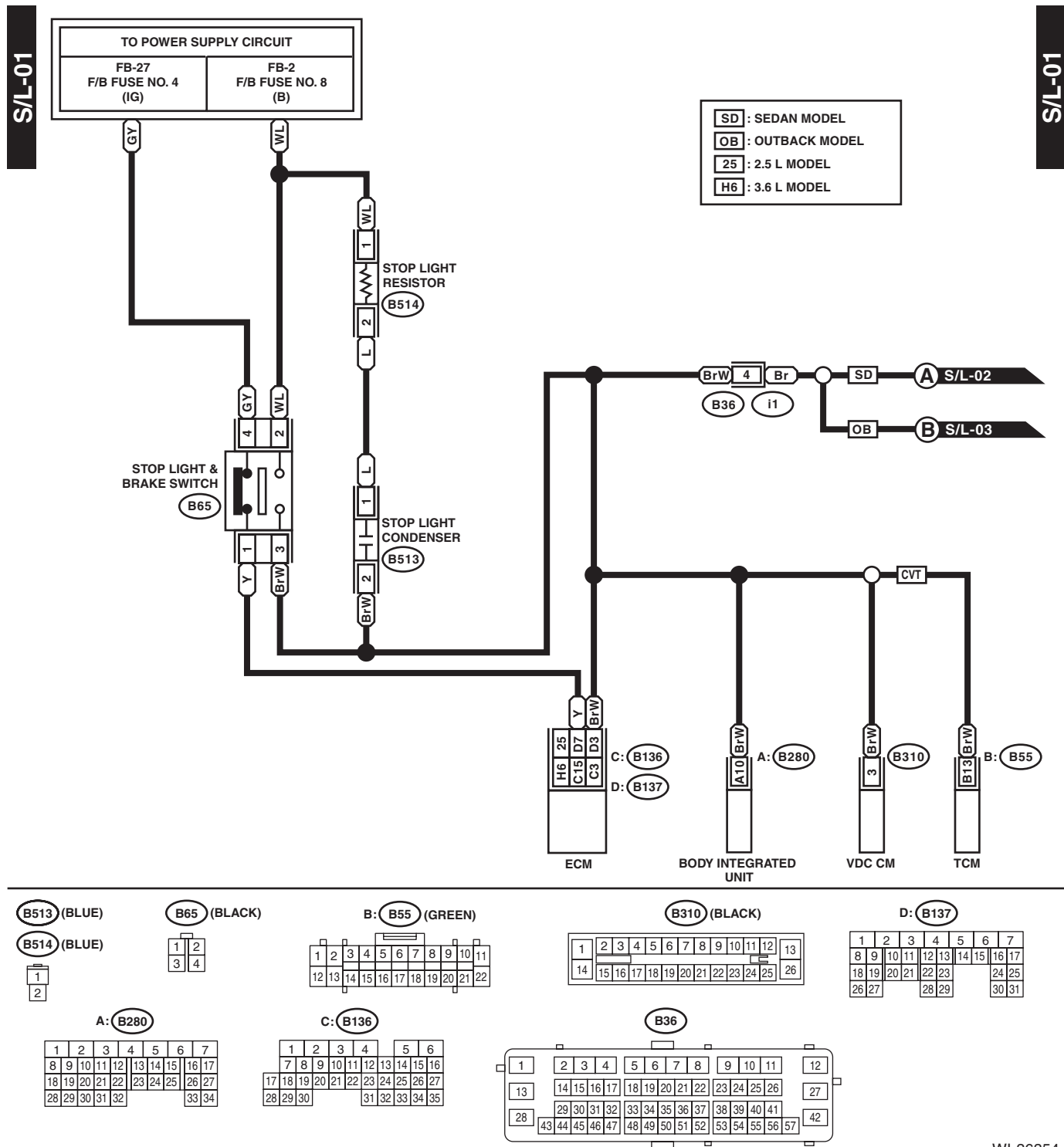


WI-36353

51. Stop Light System

A: WIRING DIAGRAM

1. WITHOUT EyeSight



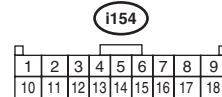
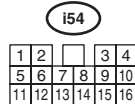
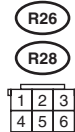
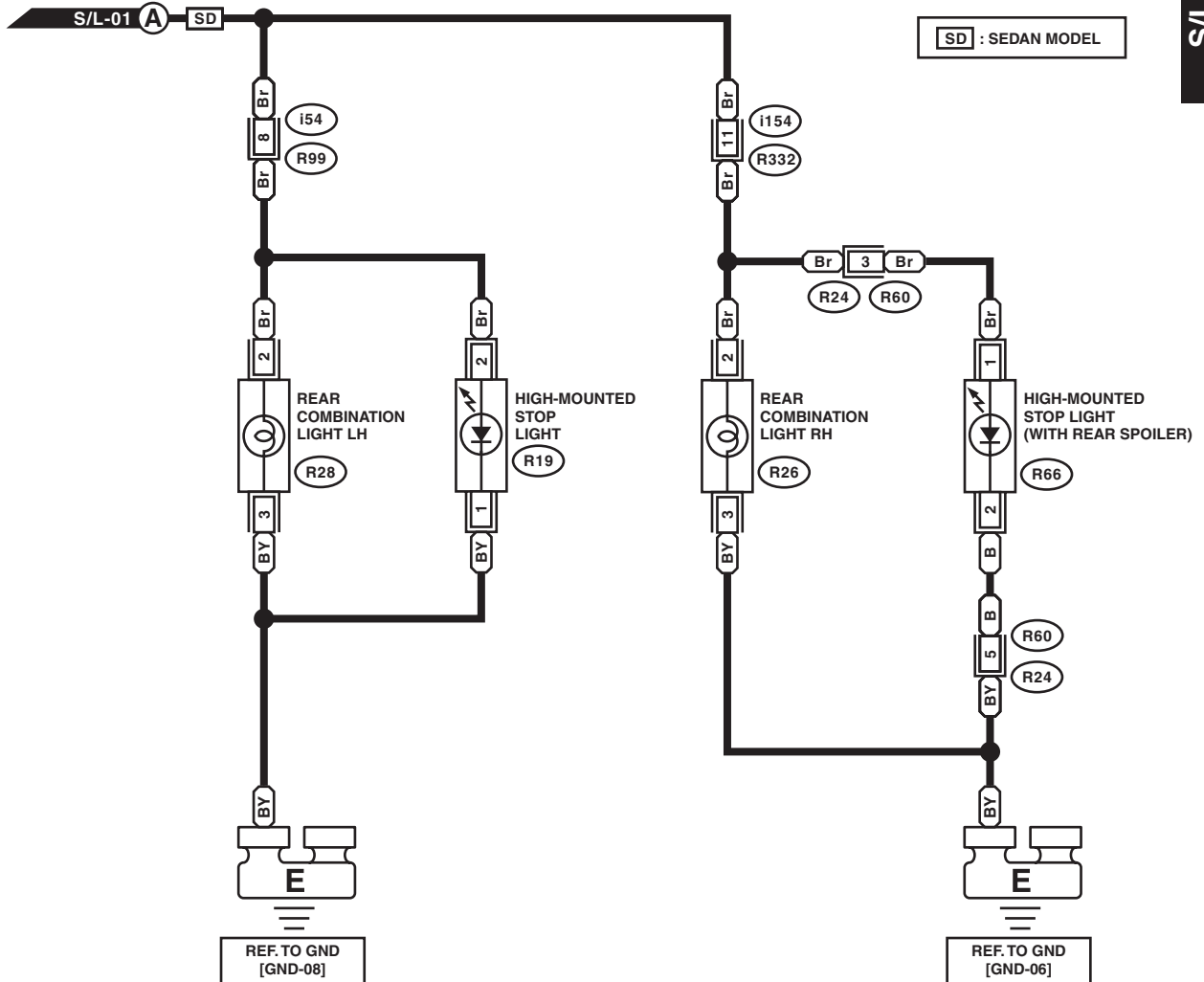
WI-36354

Stop Light System

WIRING SYSTEM

S/L-02

S/L-02



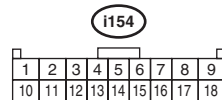
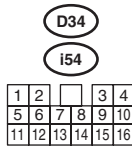
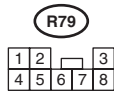
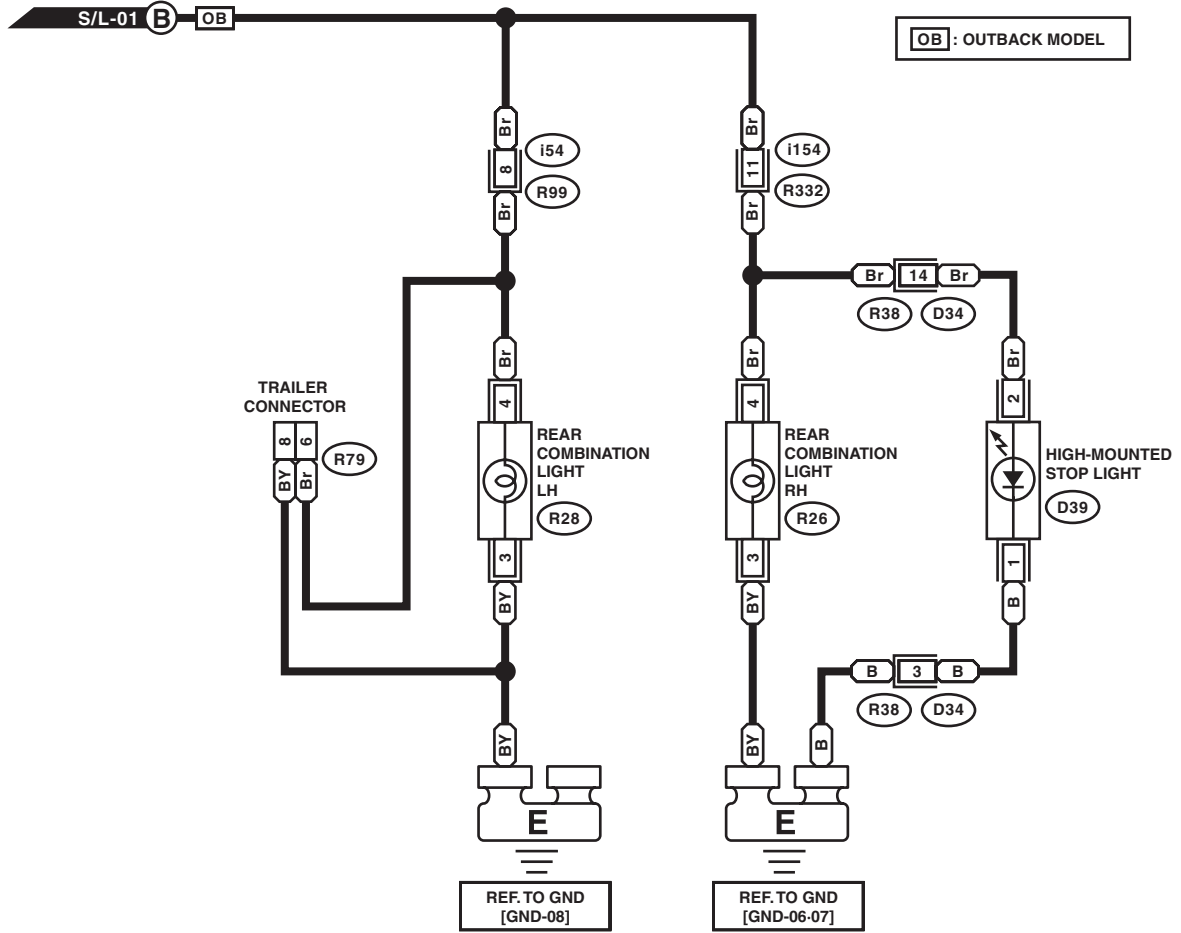
WI-29426

Stop Light System

WIRING SYSTEM

S/L-03

S/L-03

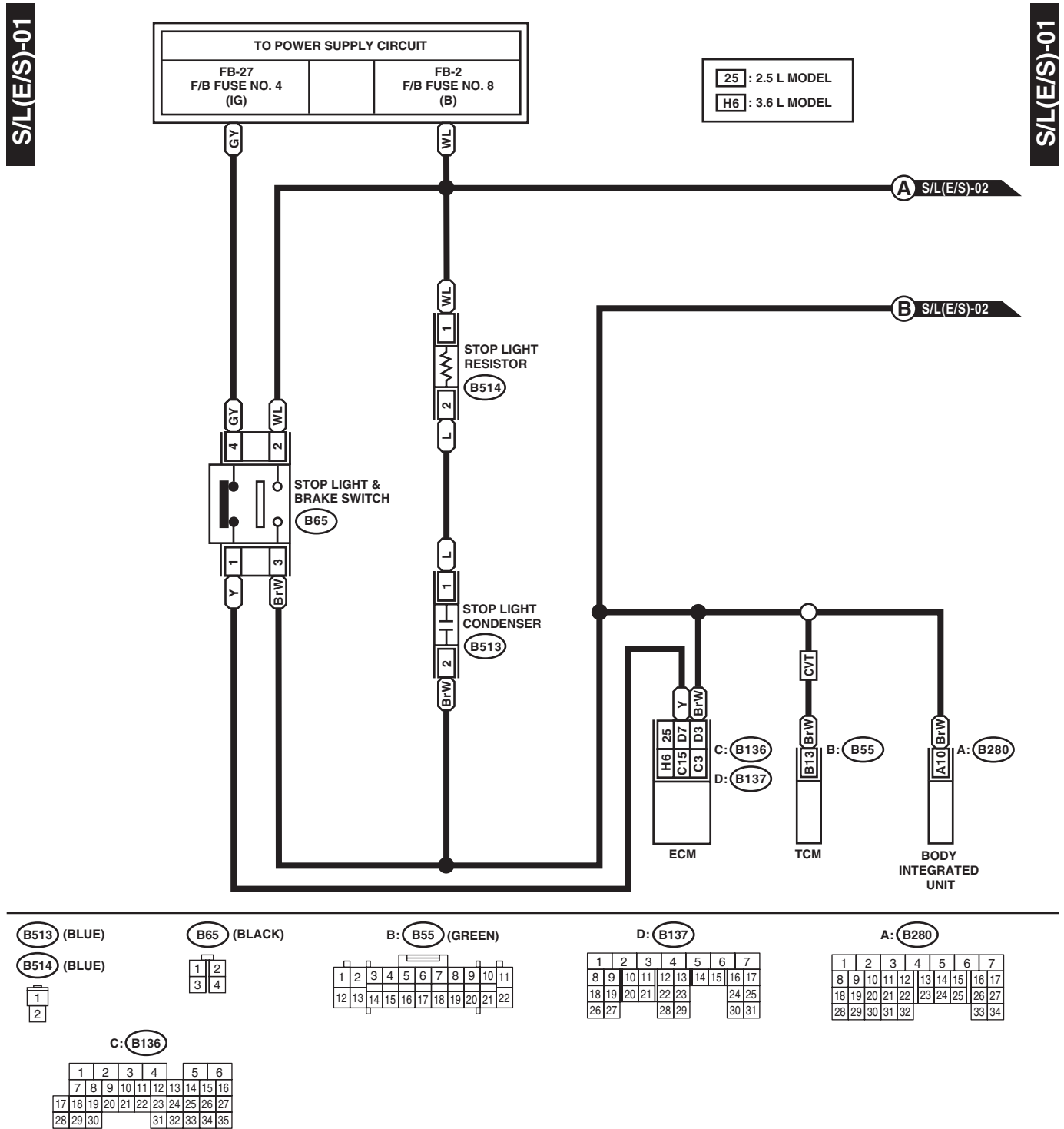


WI-36355

Stop Light System

WIRING SYSTEM

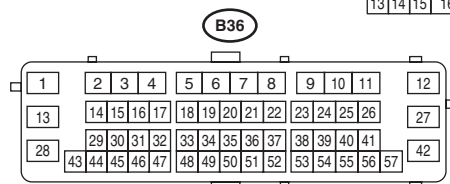
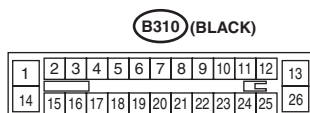
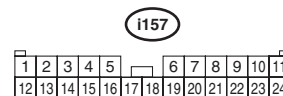
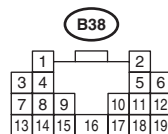
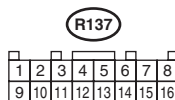
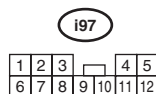
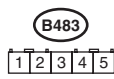
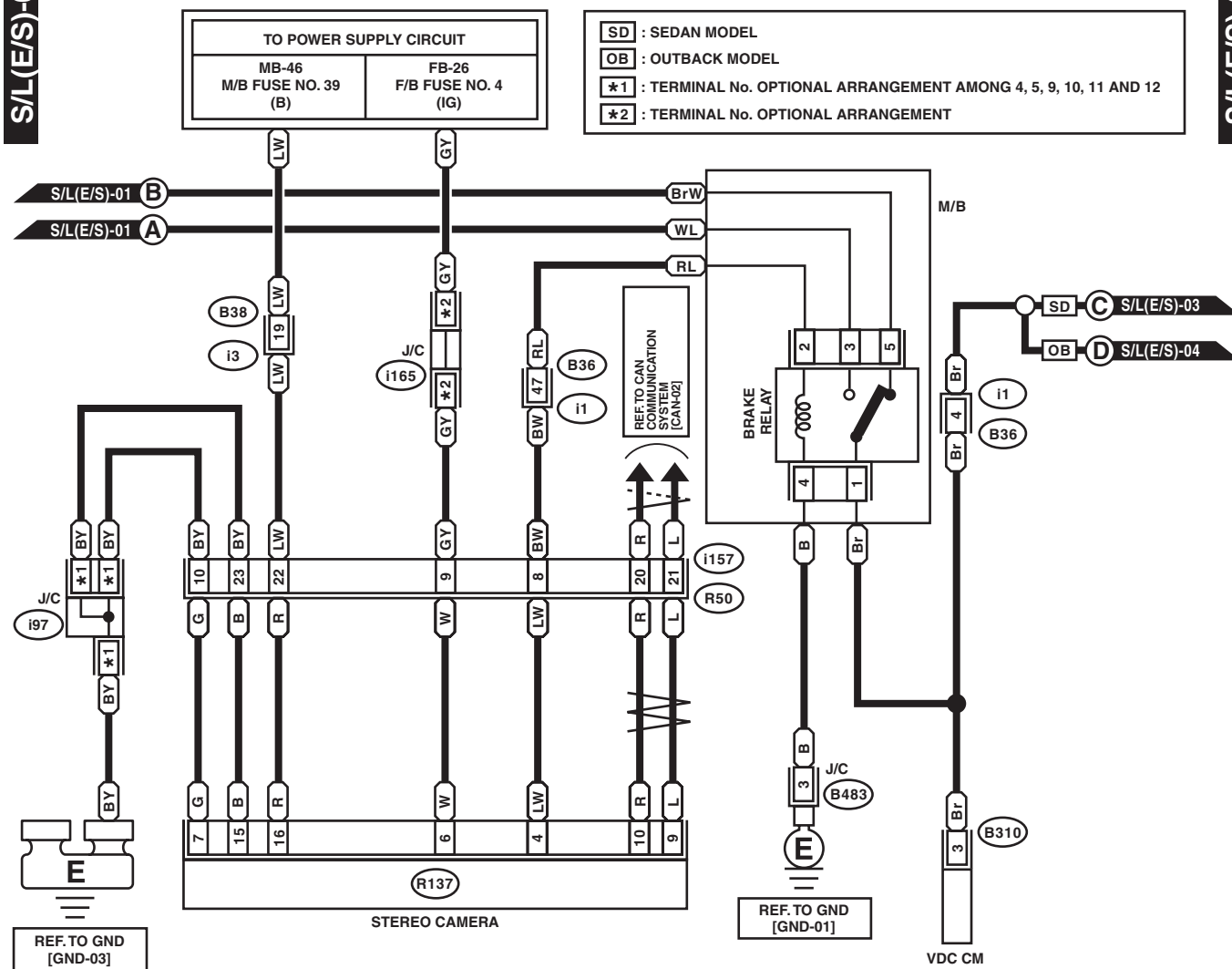
2. WITH EyeSight



WI-36356

S/L(E/S)-02

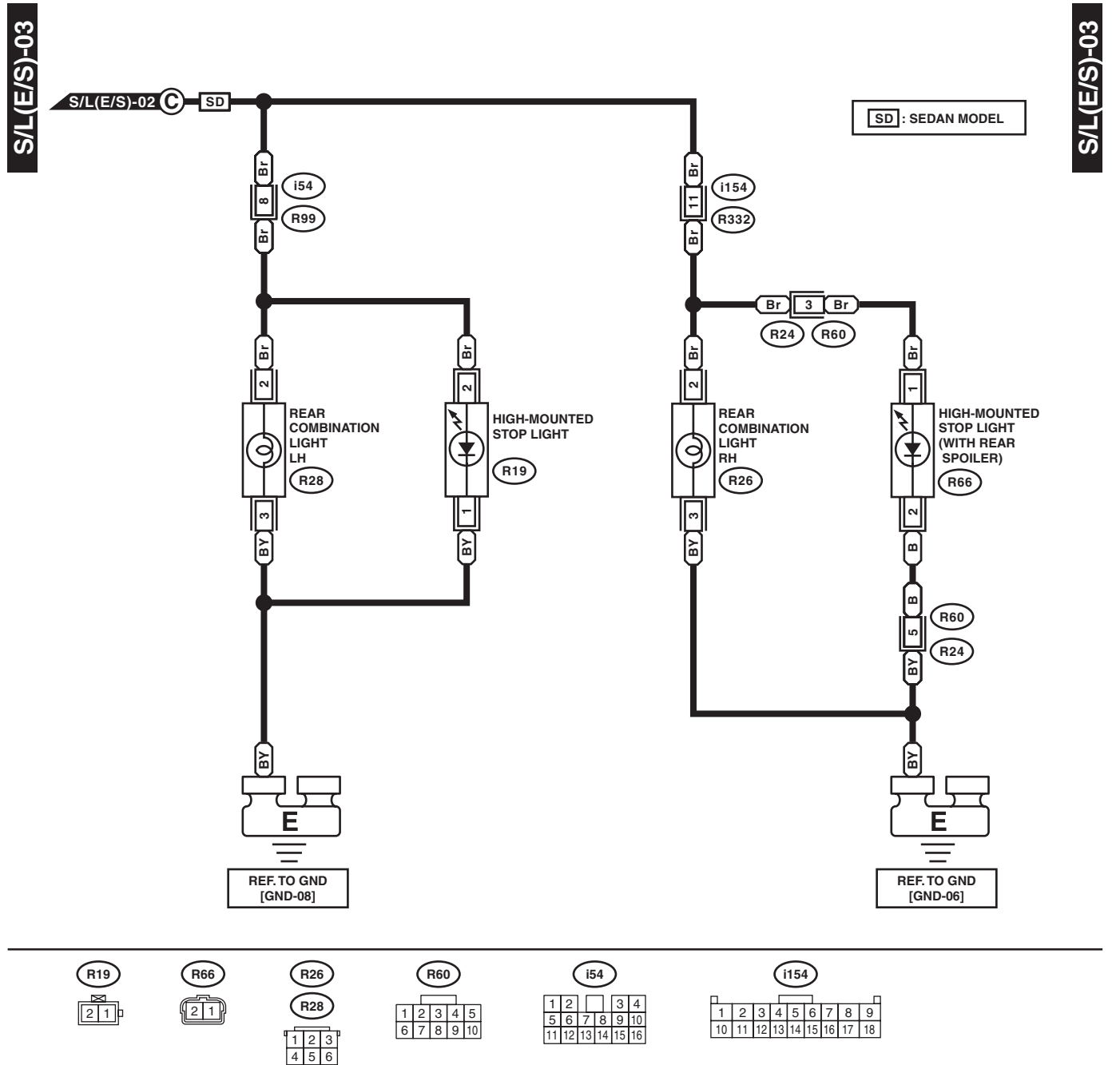
S/L(E/S)-02



WI-36357

Stop Light System

WIRING SYSTEM



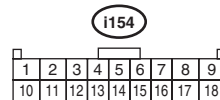
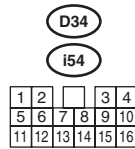
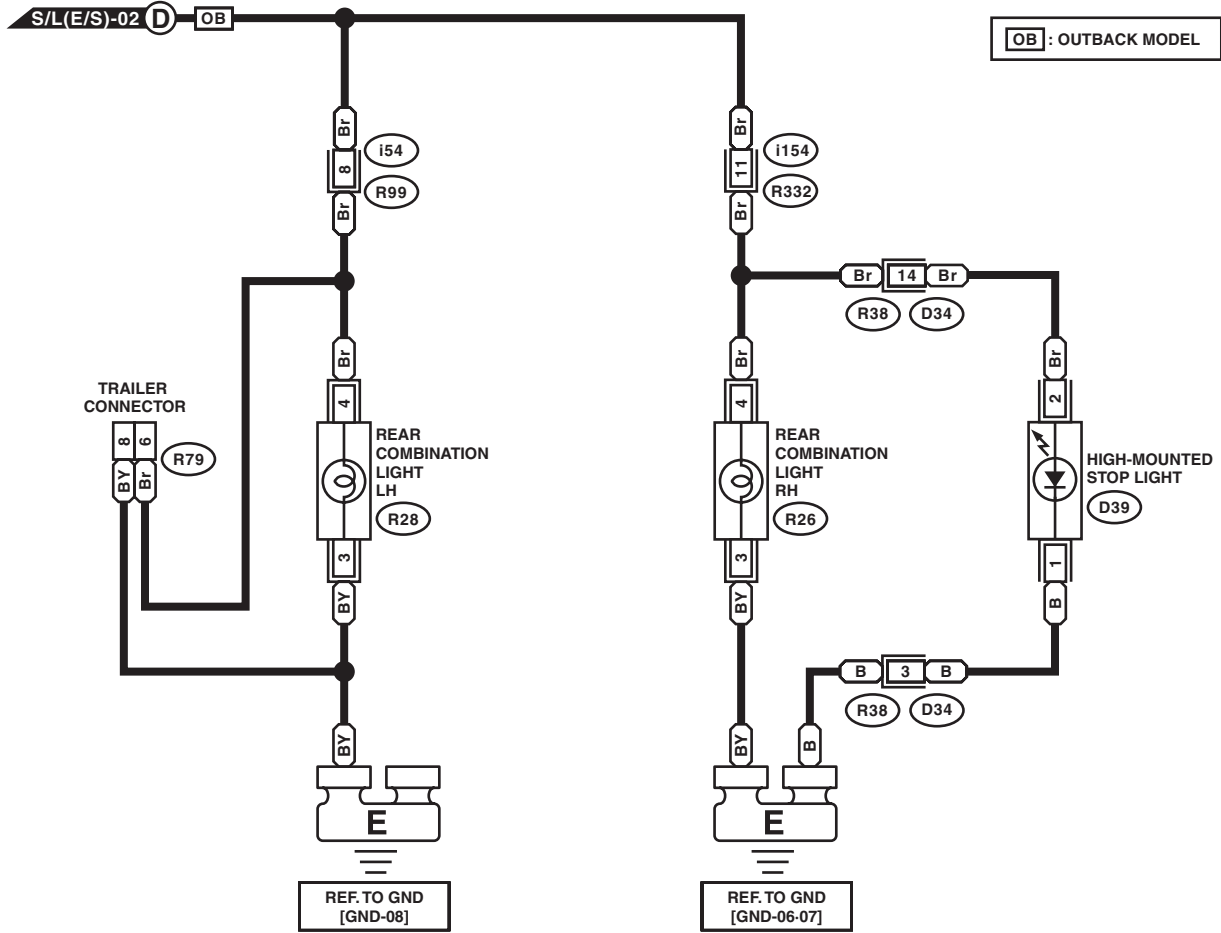
WI-36358

Stop Light System

WIRING SYSTEM

S/L(E/S)-04

S/L(E/S)-04



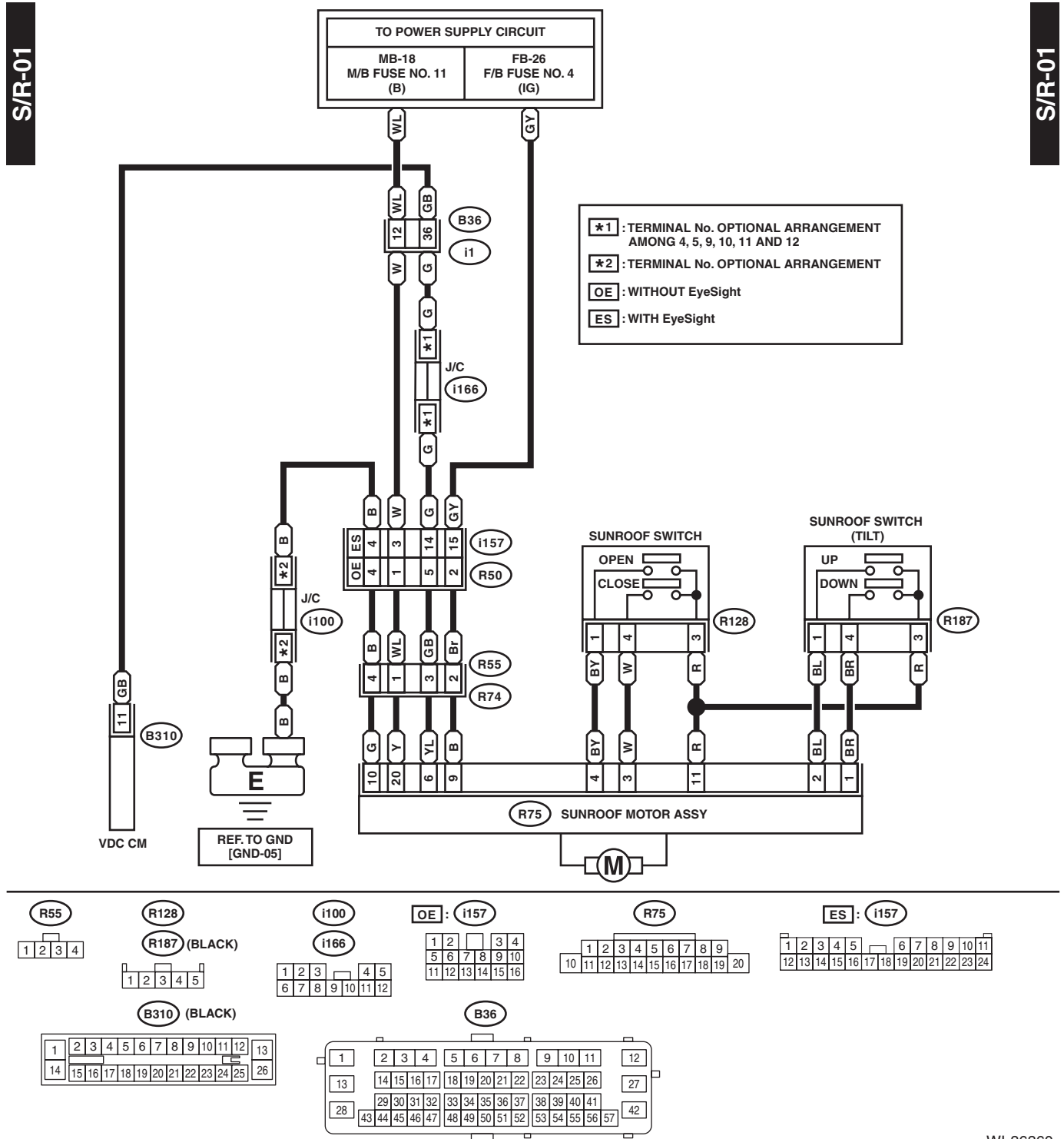
WI-36359

Sunroof Control System

WIRING SYSTEM

52.Sunroof Control System

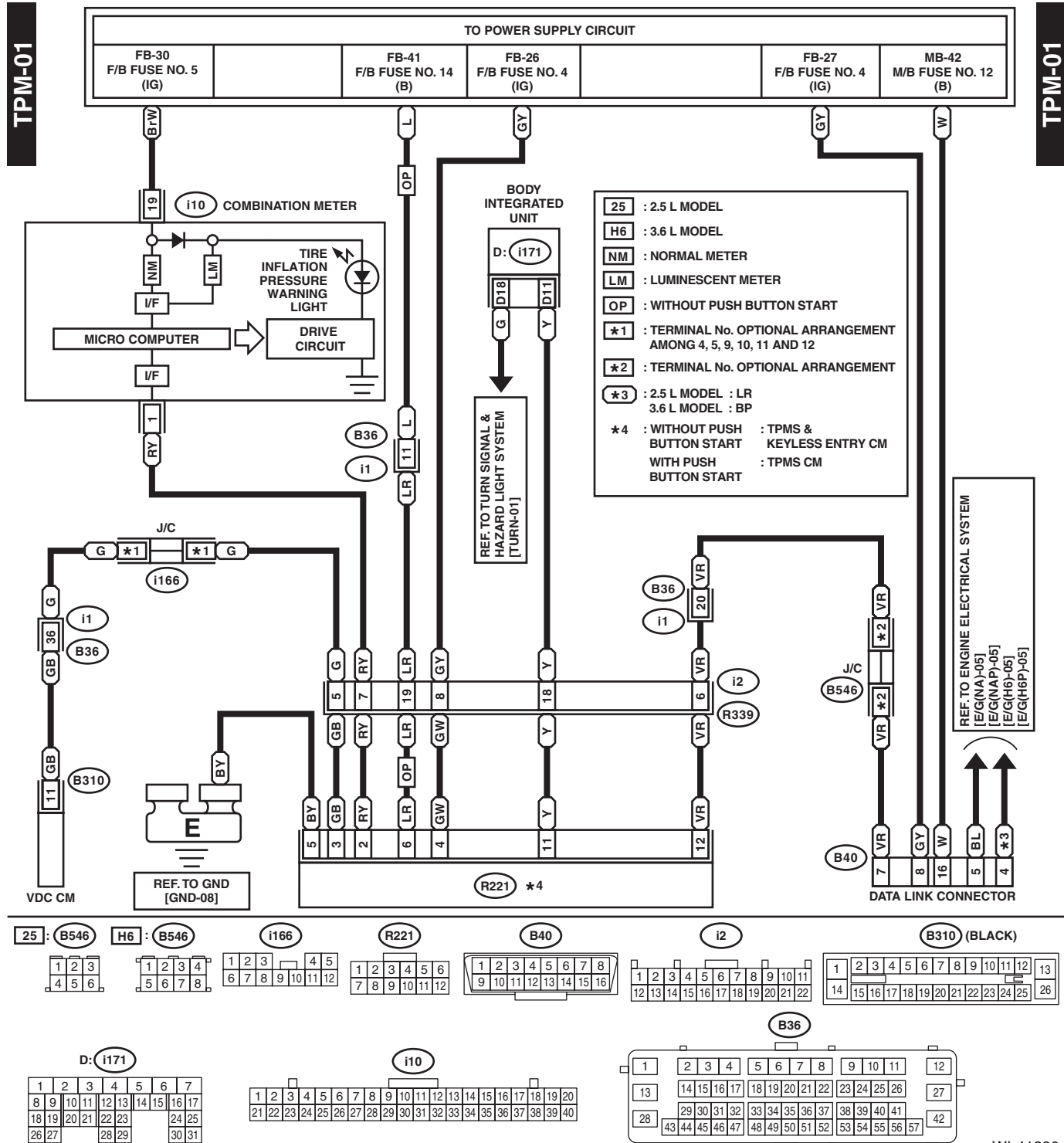
A: WIRING DIAGRAM



WI-36360

53. Tire Pressure Monitoring System

A: WIRING DIAGRAM



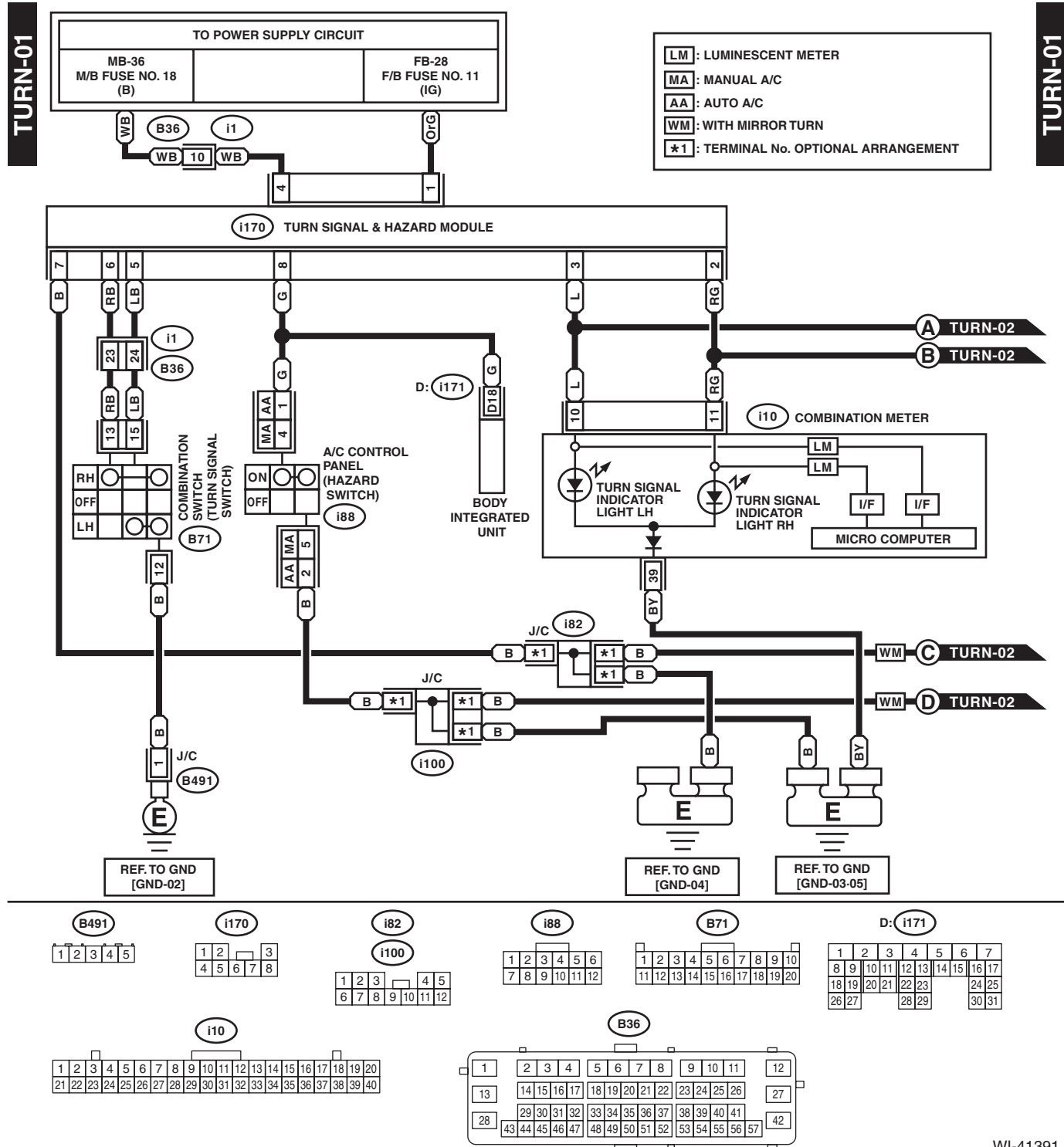
WI-41390

Turn Signal Light and Hazard Light System

WIRING SYSTEM

54. Turn Signal Light and Hazard Light System

A: WIRING DIAGRAM



WI-41391

WIRING SYSTEM

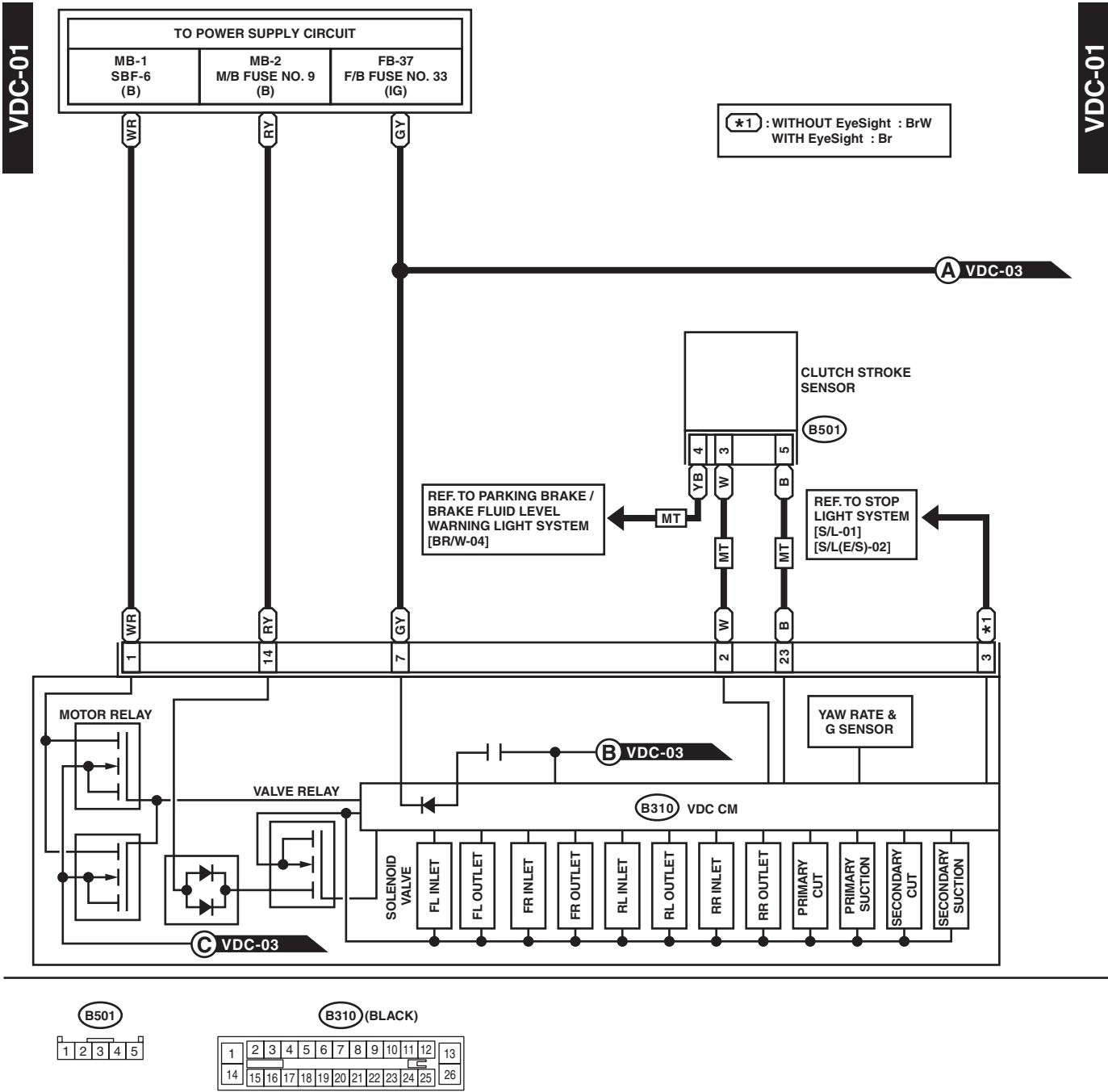


Vehicle Dynamics Control System

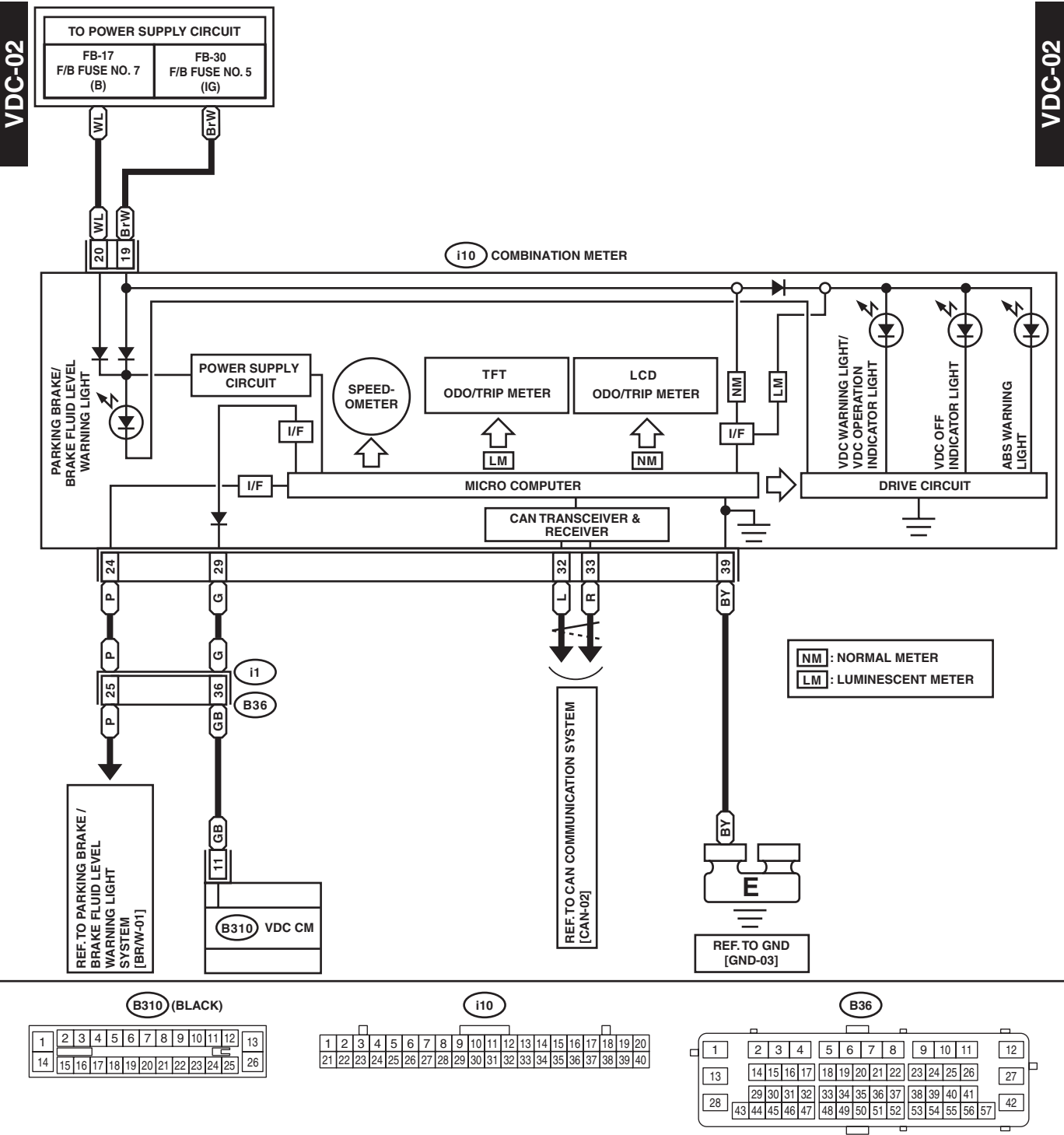
WIRING SYSTEM

55.Vehicle Dynamics Control System

A: WIRING DIAGRAM



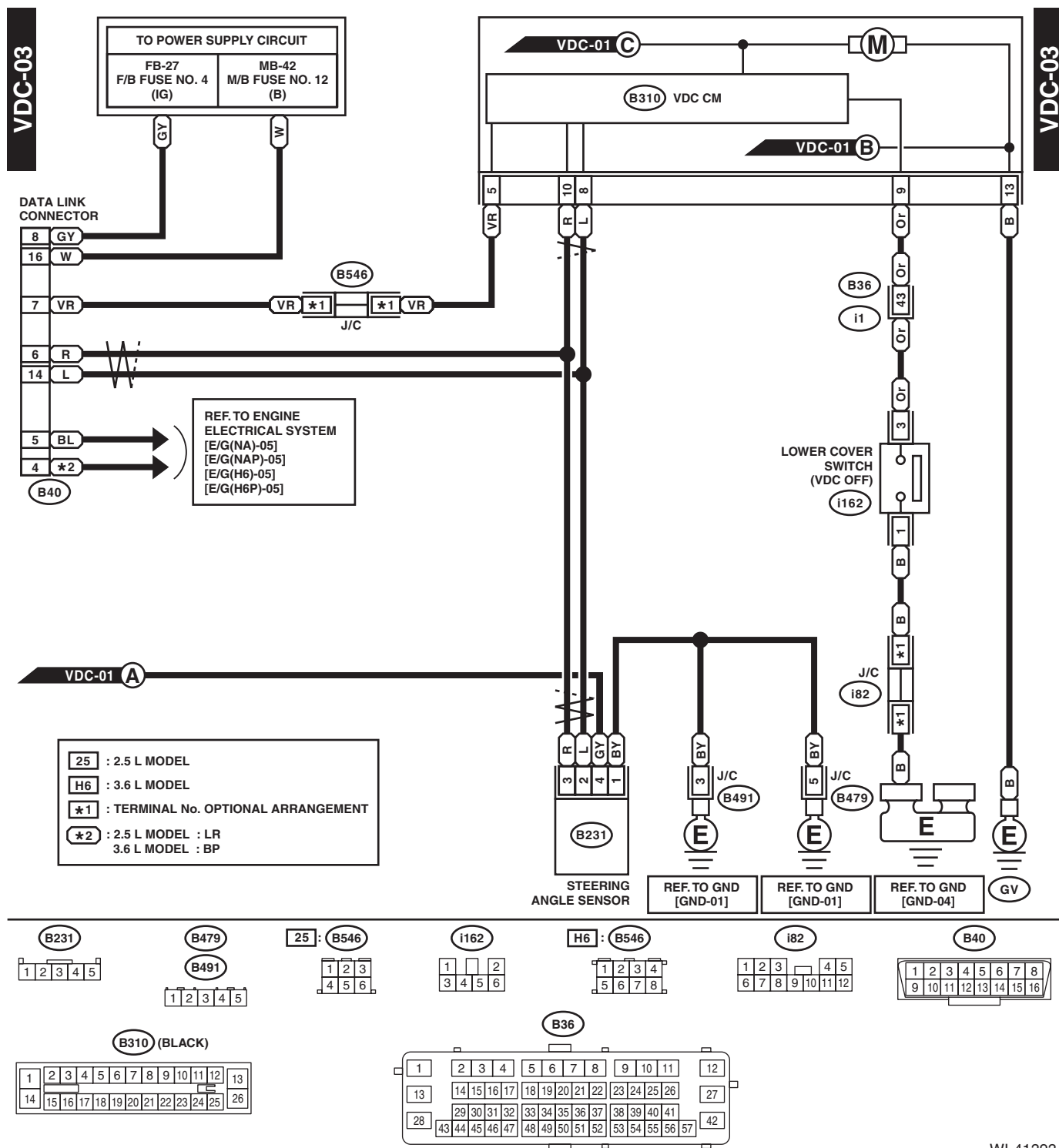
WI-36363



WI-41479

Vehicle Dynamics Control System

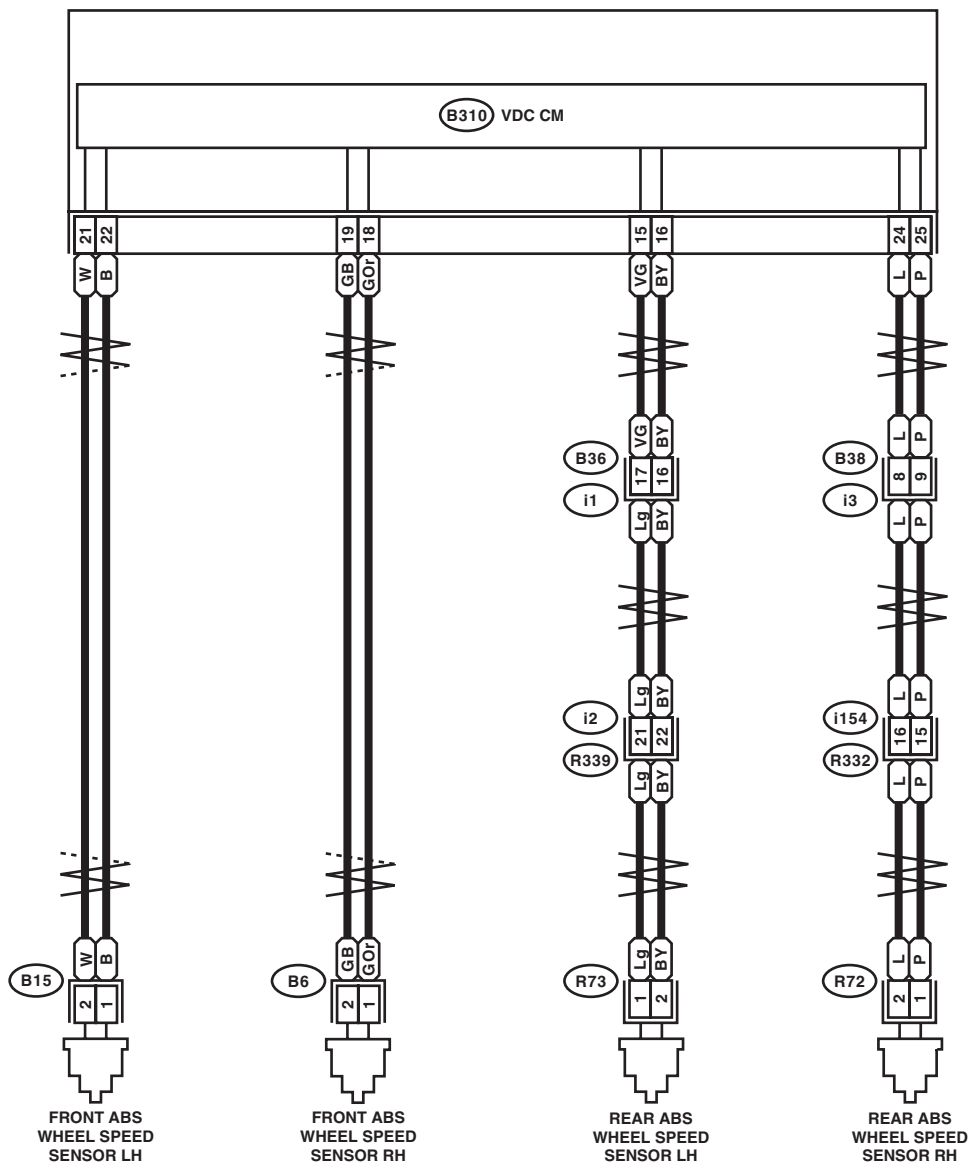
WIRING SYSTEM



WI-41393

VDC-04

VDC-04



B6 (LIGHT GRAY)

R72 (LIGHT GRAY)

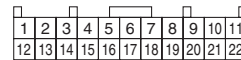
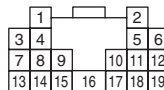
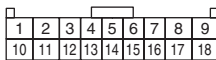
i154

B38

i2

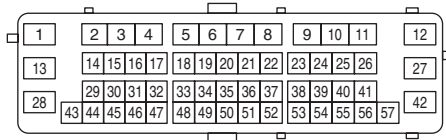
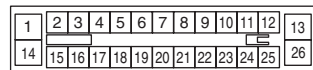
B15 (LIGHT GRAY)

R73 (LIGHT GRAY)



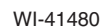
B310 (BLACK)

B36



WI-36366

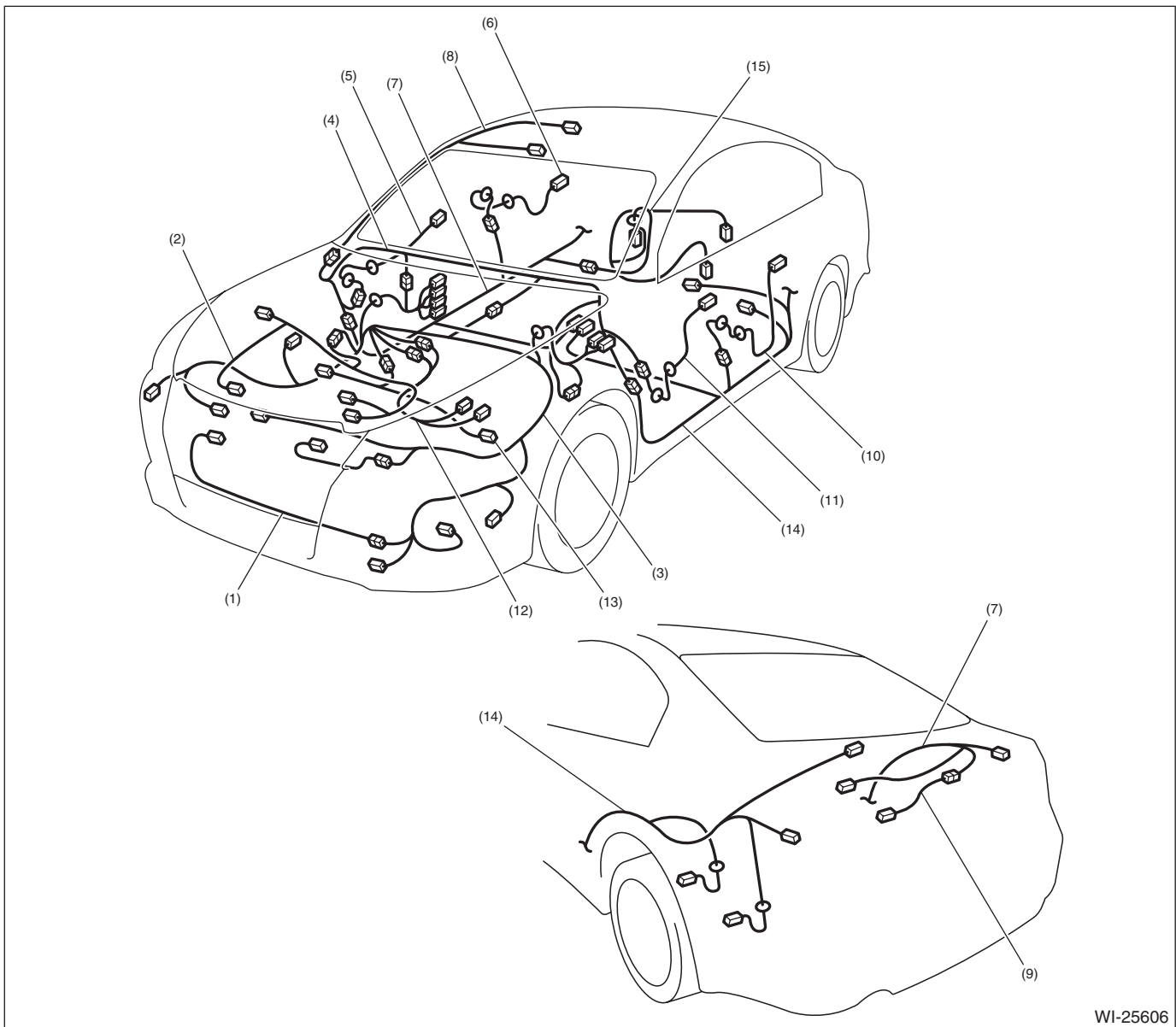
A: WIRING DIAGRAM



57.Harness Components Location

A: LOCATION

1. SEDAN MODEL



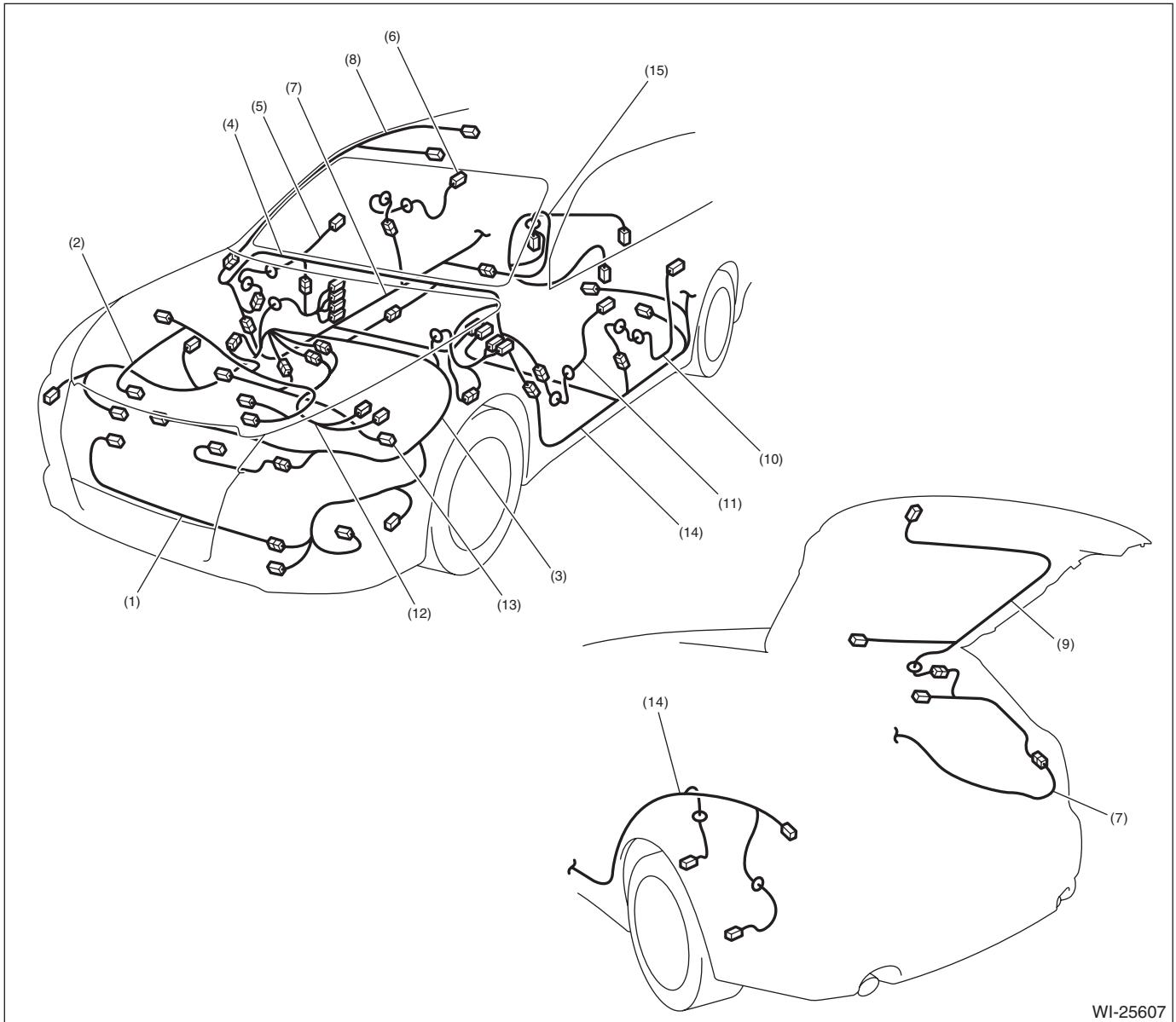
WI-25606

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

Harness Components Location

WIRING SYSTEM

2. OUTBACK MODEL



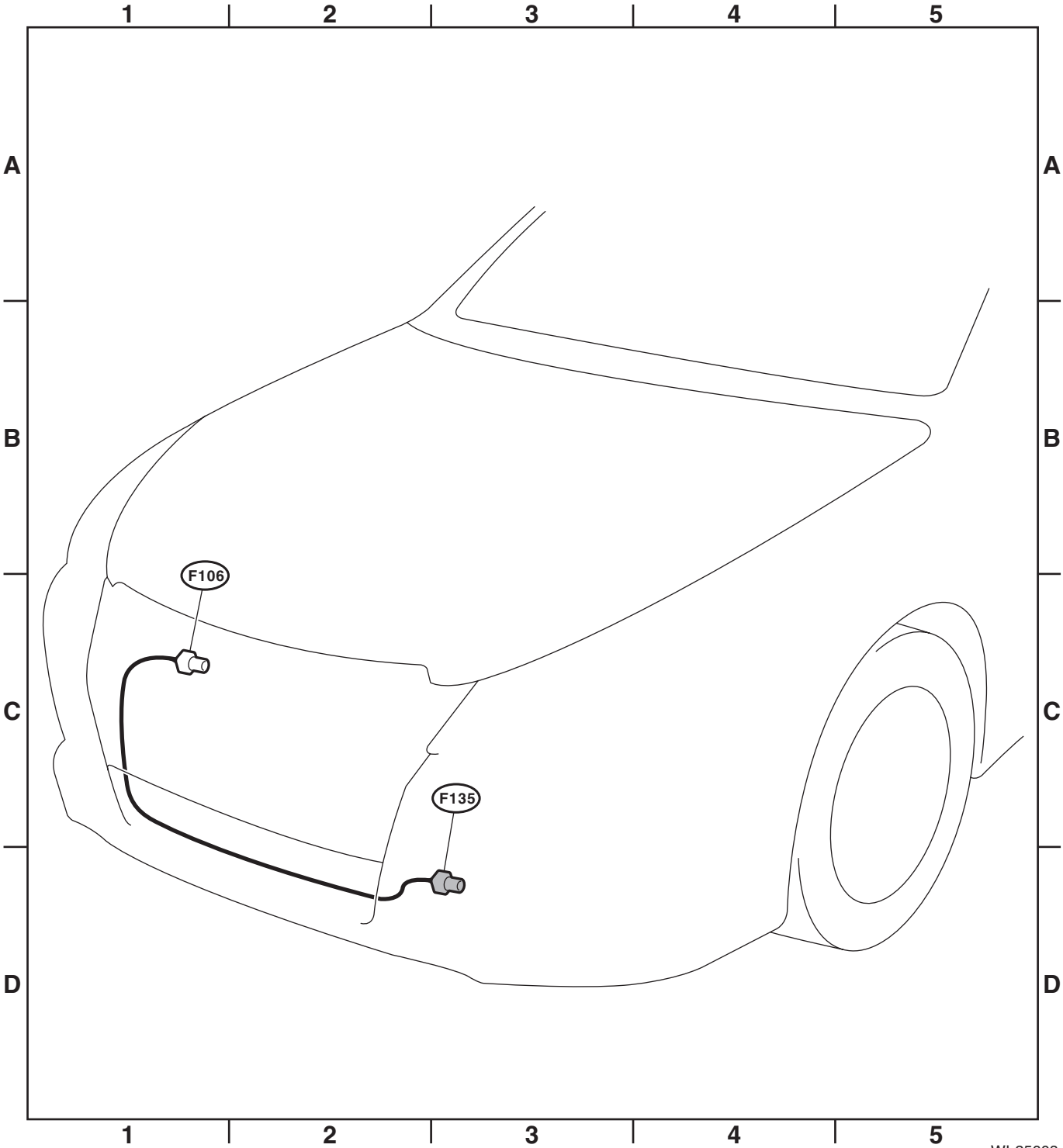
WI-25607

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

58.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)



WI-25608

Bulkhead Wiring Harness (In Engine Compartment)

WIRING SYSTEM

59. Bulkhead Wiring Harness (In Engine Compartment)

A: LOCATION

1. 2.5 L MODEL

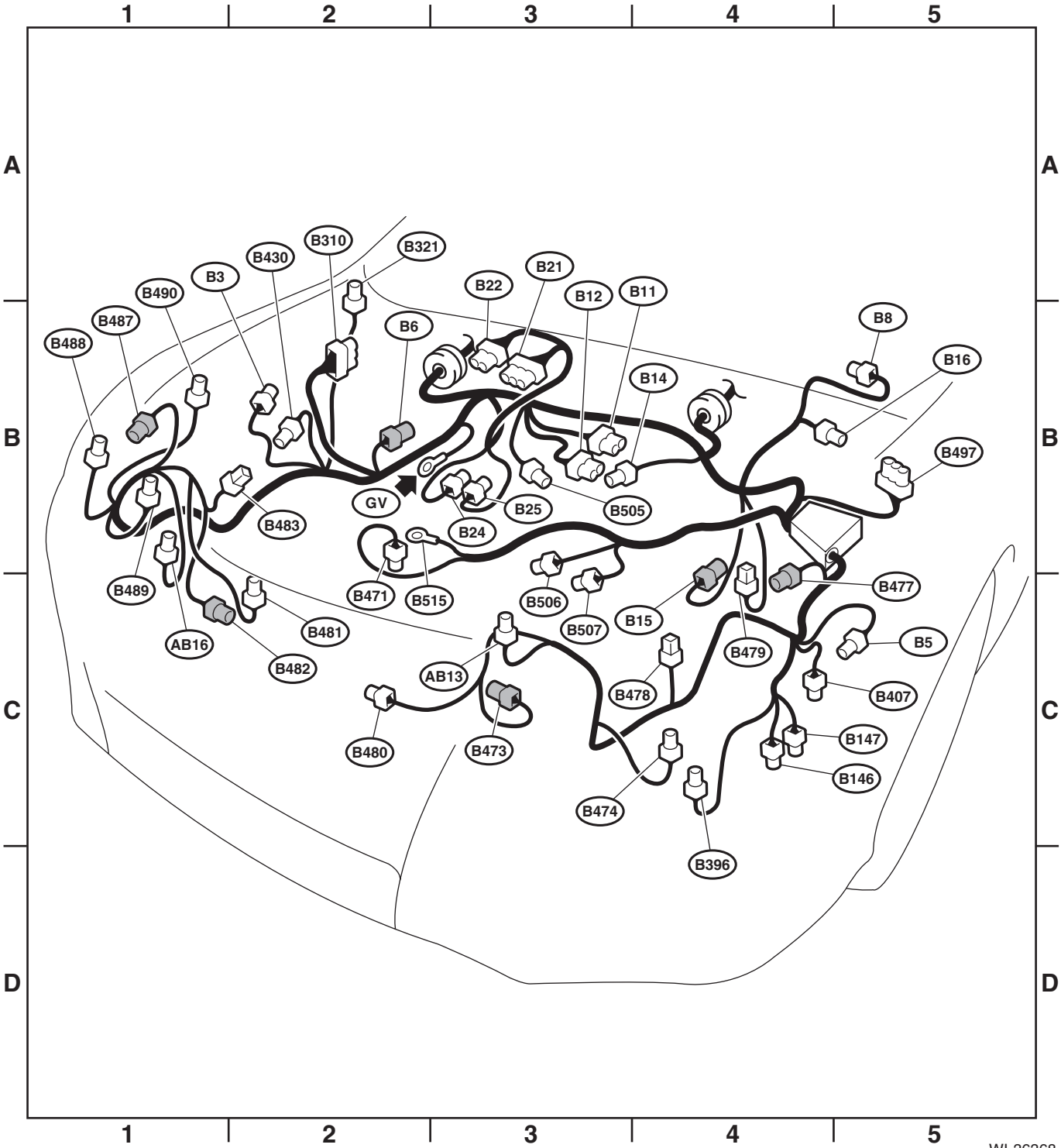
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B3	5	Black	B-2		Mass air flow and intake air temperature sensor
B5	2	Light gray	C-5		Daytime running light resistor
B6	2	Light gray	B-2		Front ABS wheel speed sensor RH
B8	5	Light gray	B-5		Front wiper motor
B11	12	Light gray	B-3	T4	Transmission cord (CVT model)
B12	16	Brown	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	
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

Bulkhead Wiring Harness (In Engine Compartment)

WIRING SYSTEM

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



WI-36368

Bulkhead Wiring Harness (In Engine Compartment)

WIRING SYSTEM

2. 3.6 L MODEL

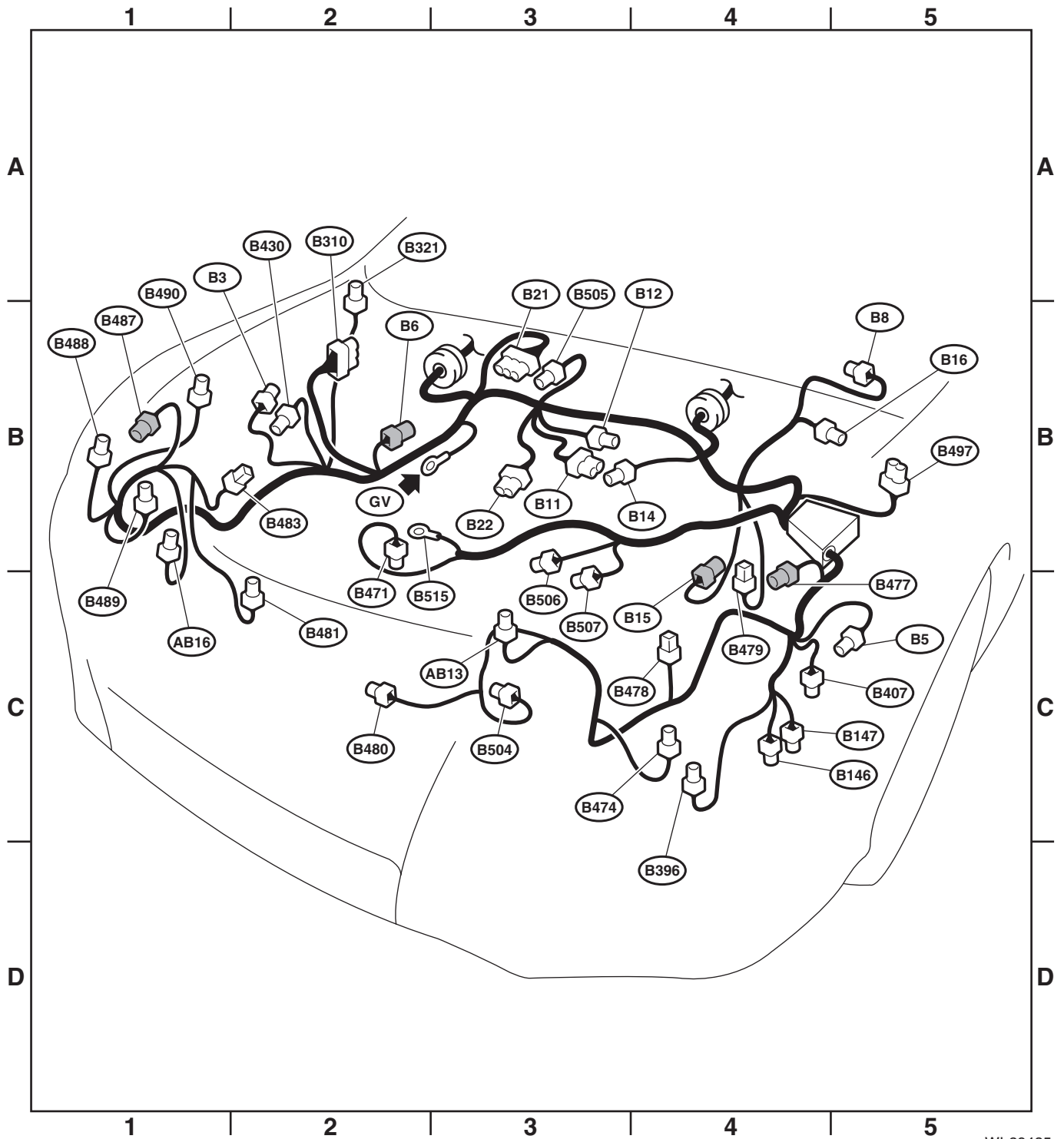
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B3	5	Black	B-2		Mass air flow and intake air temperature sensor
B5	2	Light gray	C-5		Daytime running light resistor
B6	2	Light gray	B-2		Front ABS wheel speed sensor RH
B8	5	Light gray	B-5		Front wiper motor
B11	20	Light gray	B-3	T4	Transmission 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

Bulkhead Wiring Harness (In Engine Compartment)

WIRING SYSTEM



WI-29435

Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM

60. Bulkhead Wiring Harness (In Compartment)

A: LOCATION

1. 2.5 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	26	Green	B-2		TCM
B55	22	Green	C-2		
B65	4	Black	B-2		Stop light and brake switch
B68	14	★	C-2		Roll connector
B70	10	★	C-2		Combination switch
B71	20	★	C-2		
B72	6	★	B-2		Ignition switch
B83	6	★	B-5		J/C
B107	2	Blue	B-2		Clutch switch (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 (without push button start)
	8	★	C-1		Remote engine start CM (with push button start)
B220	21	Black	B-5		IG relay
					Fuel pump relay
					Main relay
					A/F, oxygen sensor relay
					Electronic throttle control relay
B225	44	★	B-1		Accessory relay (push button start)
					IG relay 1 (push button start)
					IG relay 2 (push button start)
					Starter relay (push button start)
					Starter cut relay
					Self shut relay (with push button start)
					Starter relay (with push button start)
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

Bulkhead Wiring Harness (In Compartment)

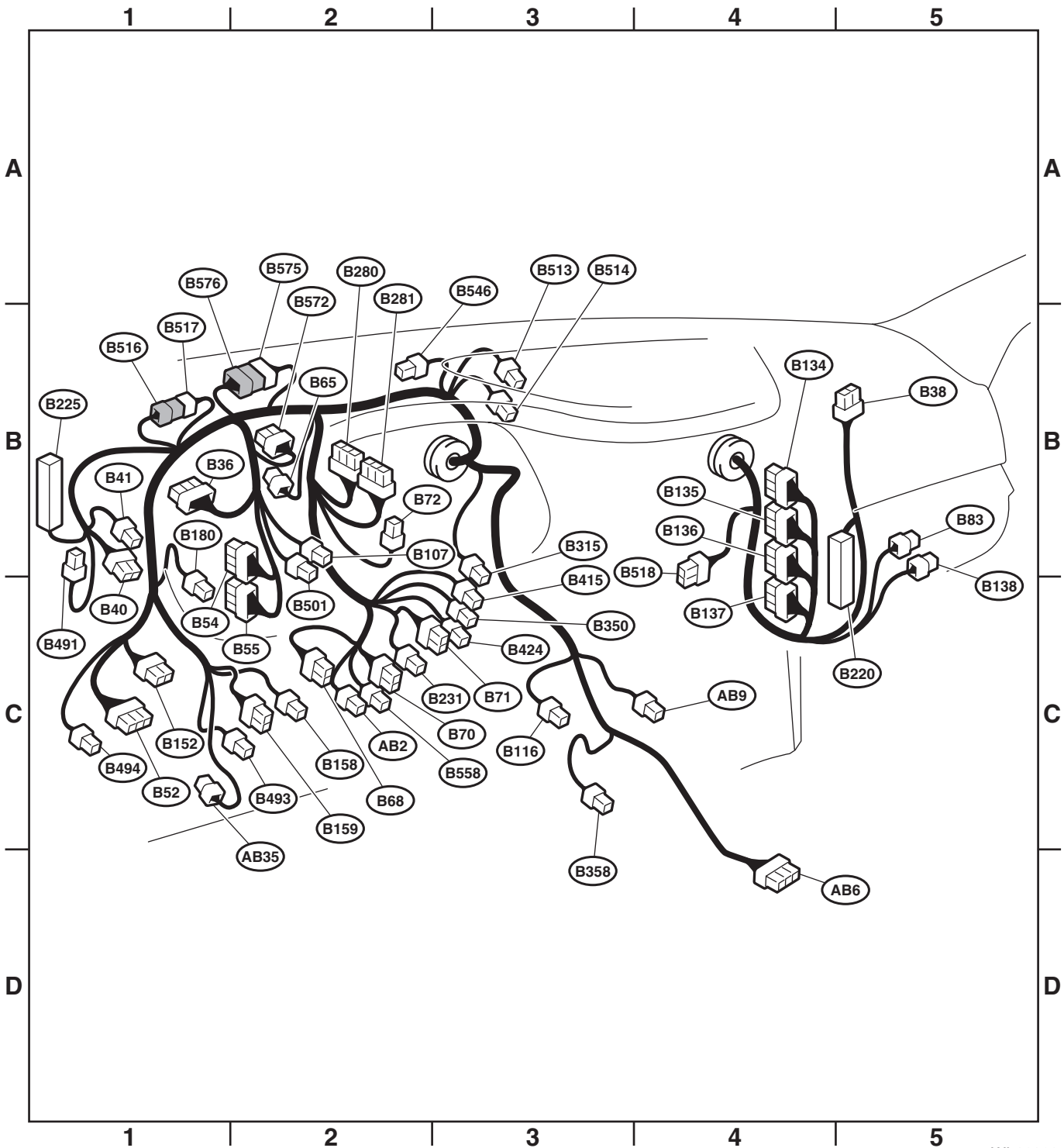
WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B424	7	Black	C-3		Steering lock CM
B491	5	★	B-1		J/C
B493	4	Black	C-2		Starter relay (without push button start)
B494	4	Black	C-1		Self shut relay (without push button start)
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	
B518	20	★	B-4		Security CM
B546	6	★	B-2		J/C
B558	7	★	C-2		Combination switch
B572	18	★	B-2		Keyless access CM
B575	10	★	B-2	B576	Bulkhead wiring harness
B576	10	★	B-2	B575	
★ : 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					

Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM



WI-36369

Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM

2. 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	14	★	C-2		Roll connector
B70	10	★	C-2		Combination switch
B71	20	★	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 (without push button start)
	8	★	C-1		Remote engine start CM (with push button start)
B220	21	Black	B-5		IG relay
					Fuel pump relay
					Main relay
					A/F, oxygen sensor relay
					Electronic throttle control relay
B225	44	★	B-1		Accessory relay (push button start)
					IG relay 1 (push button start)
					IG relay 2 (push button start)
					Starter relay (push button start)
					Starter cut relay
					Back-up light relay (with push button start)
					Inhibitor relay (with push button start)
					Starter relay (with push button start)
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
B424	7	Black	C-3		Steering lock CM
B491	5	★	B-1		J/C
B493	4	Black	C-2		Starter relay (without push button start)

Bulkhead Wiring Harness (In Compartment)

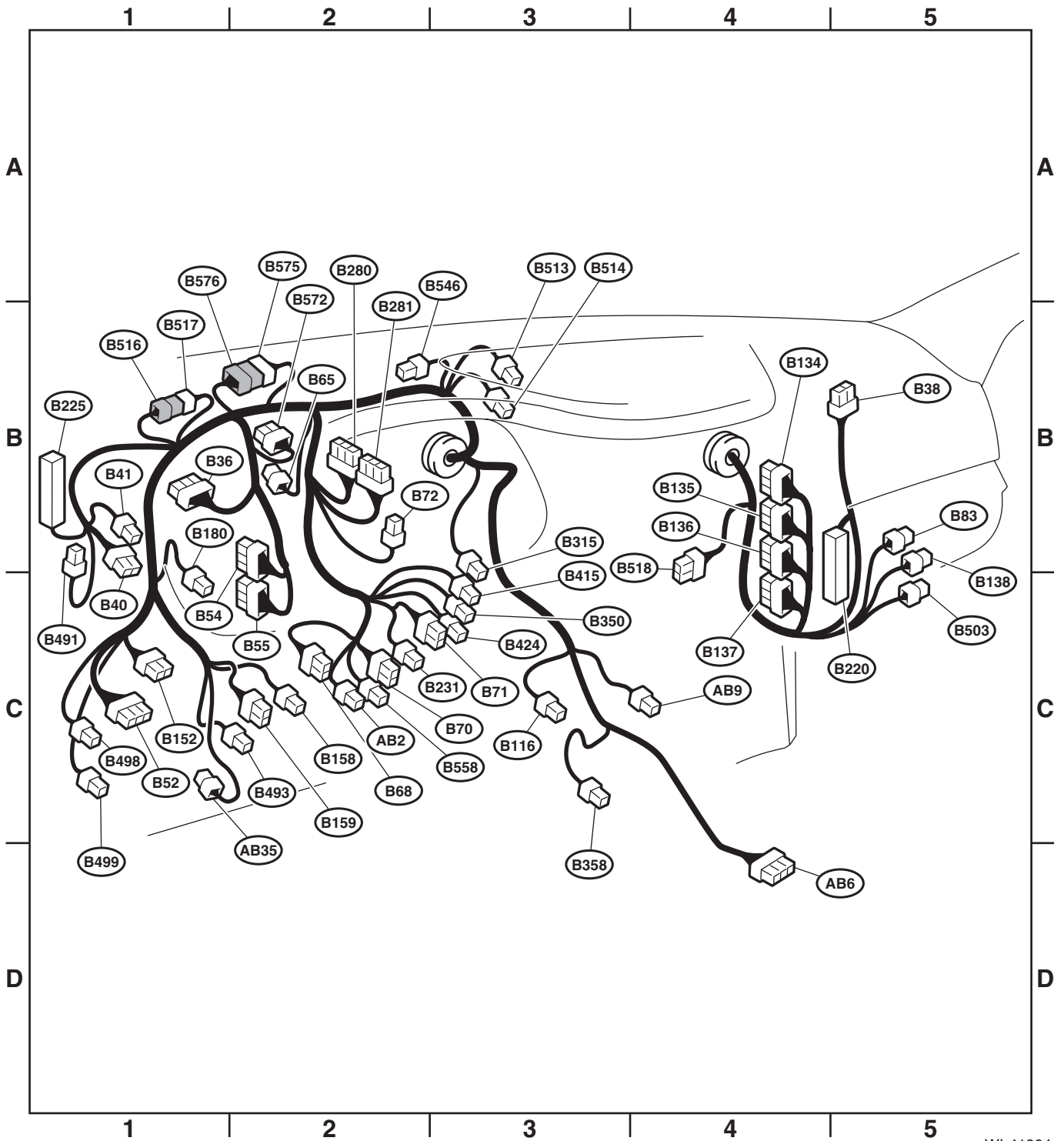
WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
B498	4	Black	C-1		Inhibitor relay (without push button start)
B499	4	Black	C-1		Back-up light relay (without push button start)
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
B558	7	★	C-2		Combination switch
B572	18	★	B-2		Keyless access CM
B575	10	★	B-2	B576	Bulkhead wiring harness
B576	10	★	B-2	B575	
★ : 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					

Bulkhead Wiring Harness (In Compartment)

WIRING SYSTEM



WI-41394

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM

61.Engine Wiring Harness and Transmission Cord

A: LOCATION

1. 2.5 L 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	Blue	B-4		Purge control solenoid valve
E5	2	Dark gray	B-2		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	—	B-3		Oil pressure switch
E14	2	Black	B-3		Knock sensor
E16	2	Dark gray	C-4		Fuel injector No. 2
E17	2	Dark gray	B-4		Fuel injector No. 4
E18	6	Dark gray	A-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	B-1		Front oxygen (A/F) sensor
E25	4	Black	B-1		Rear oxygen sensor
E31	3	Black	B-2		Ignition coil No. 1
E32	3	Black	B-4		Ignition coil No. 2
E33	3	Black	A-2		Ignition coil No. 3
E34	3	Black	B-4		Ignition coil No. 4
E35	3	Light gray	C-3		Intake camshaft position sensor LH
E36	3	Light gray	B-1		Intake camshaft position sensor RH
E37	2	Black	C-3		Intake oil control solenoid LH
E38	2	Black	B-1		Intake oil control solenoid RH
E51	5	Light gray	B-4		Tumble generator valve actuator LH
E55	5	Light gray	A-2		Tumble generator valve actuator RH
E57	6	Black	A-3		Electronic throttle control
E75	2	Black	B-3		Engine oil temperature sensor
E130	1	★	B-3		Oil level switch

★ : White or natural color

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM

- **MT model**

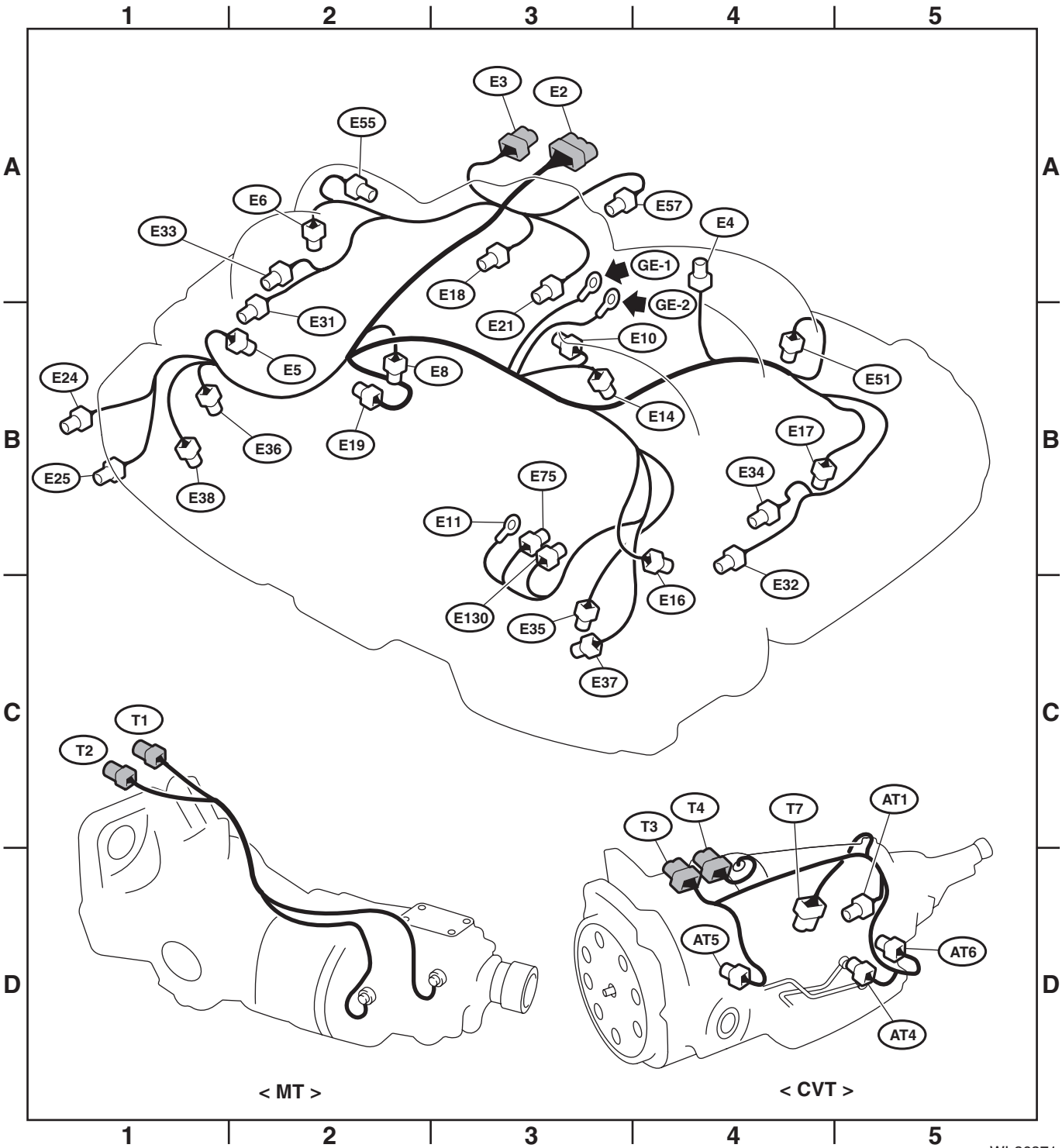
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T1	2	Light gray	C-1	B24	Bulkhead wiring harness
T2	2	Brown	C-1	B25	

- **CVT model**

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
T3	16	Brown	D-4	B12	Bulkhead wiring harness
T4	12	Light gray	D-4	B11	
T7	9	Black	D-4		Inhibitor switch
AT1	3	Black	D-5		Primary speed sensor
AT4	3	Dark gray	D-5		Secondary speed sensor
AT5	3	Light gray	D-4		Turbine speed sensor
AT6	3	Black	D-5		Secondary pressure sensor

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM



WI-36371

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM

2. 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

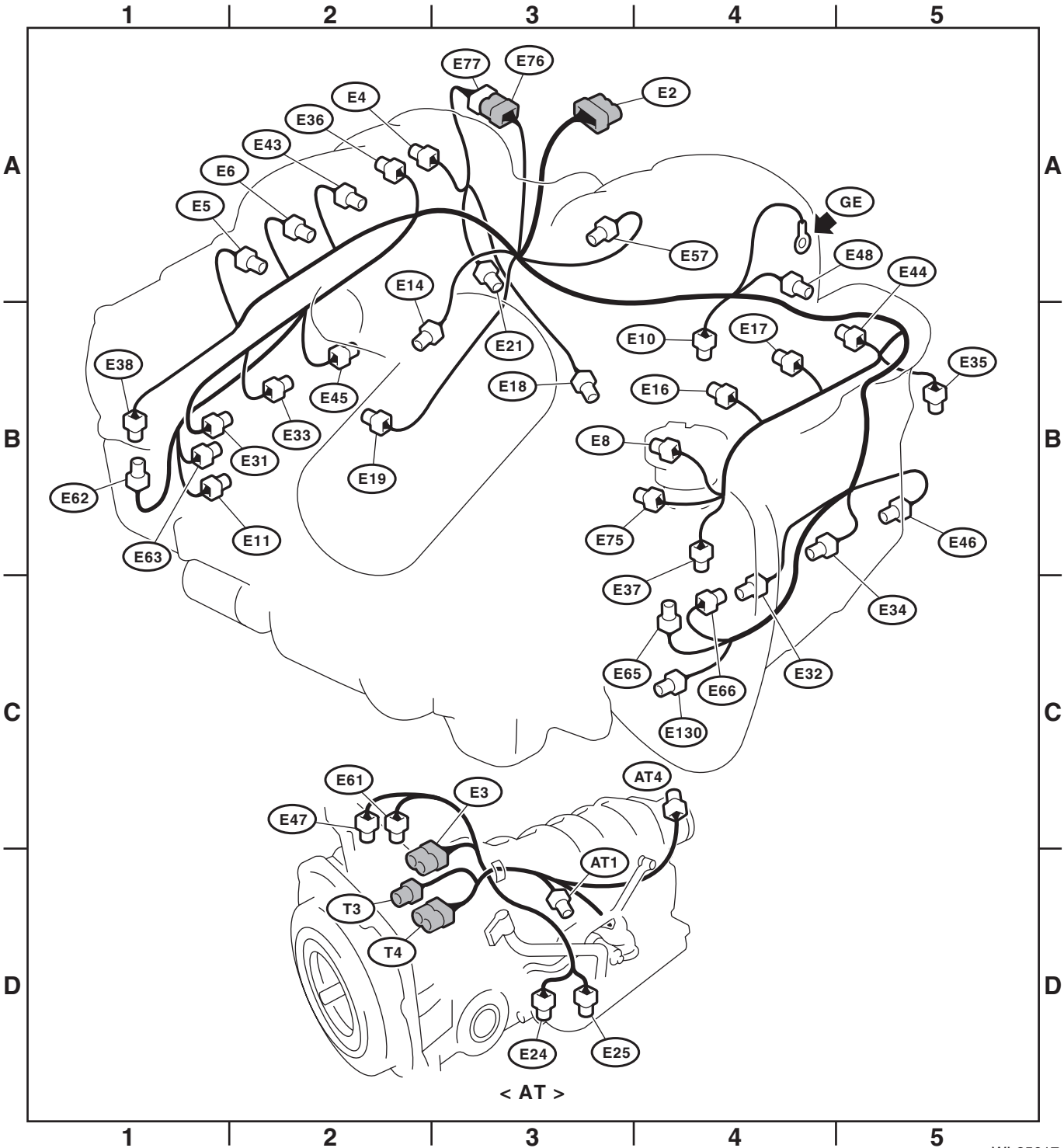
★ : White or natural color

Engine Wiring Harness and Transmission Cord

WIRING SYSTEM

• 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



WI-25617

62.Instrument Panel Wiring Harness

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
i1	57	★	B-1	B36	Bulkhead wiring harness
i2	22	★	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
i25	3	★	B-3		Keyless access interior antenna (front)
i26	20	★	B-3		Audio connector
					Audio (normal audio)
	10	★	B-3		Audio (display audio)
i50	10	★	B-3		Navigation unit
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
i87	28	★	B-3		Navigation 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	16	★	B-3		Navigation unit
	16	★	B-3		Audio (normal audio)
	6	★	A-3		Audio (display audio)
i140	4	★	B-3		J/C
i141	4	★	B-3		
i147	6	★	B-3		Navigation unit
i149	6	★	C-3		AUX input terminal
i150	14	★	B-3		Push button ignition switch
i152	20	★	C-1		F/B
i153	16	★	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 (without EyeSight)
	24	★	A-5	R50	Roof cord (with EyeSight)

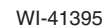
Instrument Panel Wiring Harness

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
i158	2	★	B-1		Side tweeter LH (premium audio)
					Side tweeter LH (premium navigation)
	4	★	B-1		Side tweeter LH (except for premium audio)
					Side tweeter LH (standard navigation)
i159	2	★	B-5		Side tweeter RH (premium audio)
					Side tweeter RH (premium navigation)
	4	★	B-5		Side tweeter RH (except for premium audio)
					Side tweeter RH (standard navigation)
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
i177	7	Green	B-3		Rear vent actuator (rear seat)
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)
i190	14	★	C-1	R340	Rear wiring harness LH
i191	2	★	B-4		Trunk opener cancel button
i192	28	★	A-3		Audio (display audio)
i193	2	Black	C-1		F/B
i194	6	★	B-5		Light control sensor
i196	10	★	C-3	R385	Adapter cord (audio amplifier)
i197	12	★	C-1	D148	Front door cord LH
i210	4	★	B-5		J/C
i211	4	★	A-5		
i225	4	★	B-2		
i241	28	★	B-1		Keyless access CM
i242	30	★	B-2		
i252	4	★	B-4		J/C

★ : White or natural color

WIRING SYSTEM



Rear Wiring Harness

WIRING SYSTEM

63.Rear Wiring Harness

A: LOCATION

1. SEDAN MODEL

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	4	★	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
R50	16	★	B-2	i157	Instrument panel wiring harness (without EyeSight)
	24	★	B-2	i157	Instrument panel wiring harness (with EyeSight)
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	4	★	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
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
R137	16	★	B-3		Stereo camera
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	16	★	B-1	i153	Instrument panel wiring harness
R332	18	★	B-1	i154	
R333	11	★	B-1	i155	
R339	22	★	C-3	i2	Instrument panel wiring harness
R340	14	★	C-3	i190	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

Rear Wiring Harness

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
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		Rearview mirror (without home link)
R405	16	★	B-3		Stereo camera cover (with EyeSight)
R416	10	★	B-3		Rearview mirror (with home link)
★ : 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
AB29	2	Orange	C-4		Lap seat belt pretensioner LH
AB30	2	Orange	B-3		Lap seat belt pretensioner 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

Rear Wiring Harness

WIRING SYSTEM



WI-41396

Rear Wiring Harness

WIRING SYSTEM

2. OUTBACK MODEL

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	4	★	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
R50	16	★	B-2	i157	Instrument panel wiring harness (without EyeSight)
	24	★	B-2	i157	Instrument panel wiring harness (with EyeSight)
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	4	★	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
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
R137	16	★	B-3		Stereo camera
R167	14	Gray	C-3	i102	Instrument panel wiring harness
R187	5	Black	B-3		Sunroof switch (tilt)
R221	12	★	C-4		TPMS CM (with push button start)
R297	3	★	B-4		Keyless access interior antenna (rear)
R298	3	★	B-4		Keyless access interior antenna (center)
R316	10	★	B-2		Audio amplifier
R317	12	★	B-2		
R331	16	★	B-1	i153	Instrument panel wiring harness
R332	18	★	B-1	i154	
R333	11	★	B-1	i155	
R339	22	★	C-3	i2	Instrument panel wiring harness
R340	14	★	C-3	i190	Instrument panel wiring harness
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

Rear Wiring Harness

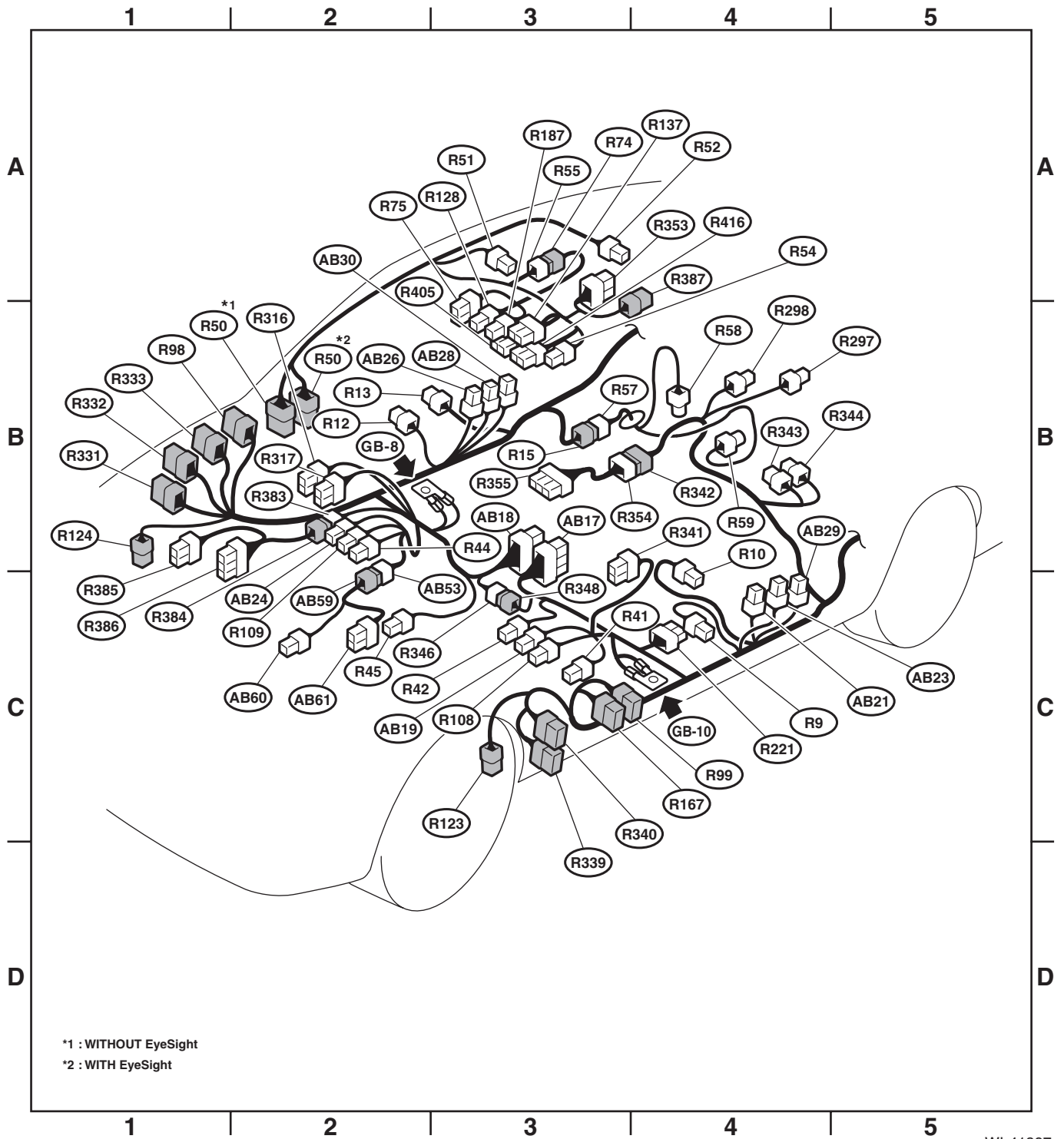
WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R354	14	Gray	B-3	R342	Rear wiring harness
R355	22	★	B-3		EPB CM
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 home link)
R405	16	★	B-3		Stereo camera cover (with EyeSight)
R416	10	★	B-3		Rearview mirror (with home link)
★ : 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
AB29	2	Orange	C-4		Lap seat belt pretensioner LH
AB30	2	Orange	B-3		Lap seat belt pretensioner 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

Rear Wiring Harness

WIRING SYSTEM



WI-41397

Door Cord

WIRING SYSTEM

64. Door Cord

A: LOCATION

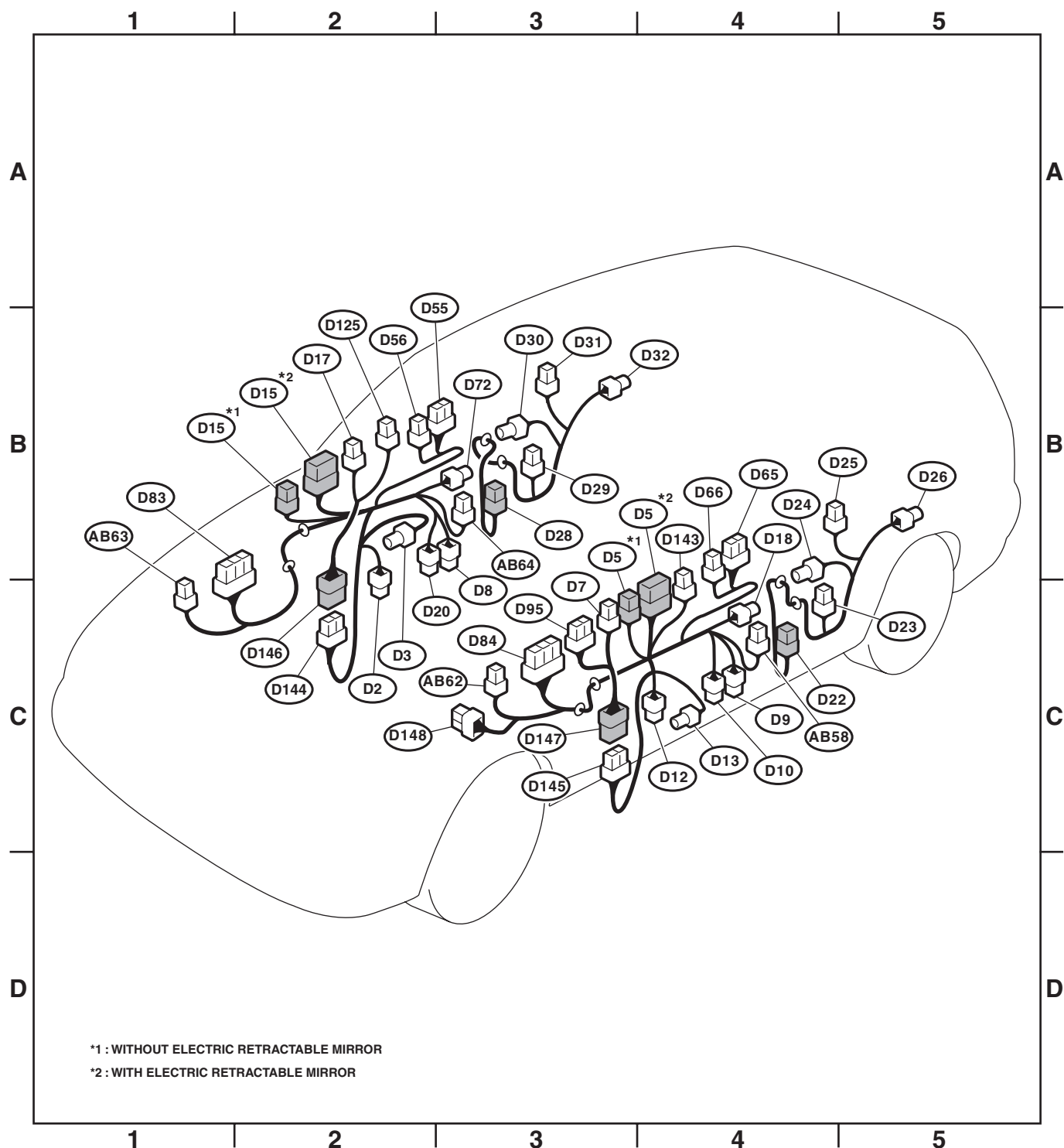
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
D2	2	★	C-2		Front door speaker RH
D3	6	Dark gray	B-2		Front power window motor RH
D5	6	★	C-3		Outer mirror assembly LH (without mirror turn signal)
	10	★	C-4		Outer mirror assembly LH (with mirror turn signal)
D7	3	★	C-3		Power window main switch
D8	6	★	B-3		Status switch RH
D9	6	★	C-4		Status switch LH
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 (without mirror turn signal)
	10	★	B-2		Outer mirror assembly RH (with mirror turn signal)
D17	8	★	B-2		Front power window sub-switch
D18	2	★	C-4		Front door lock actuator LH
D20	2	★	B-2		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
D55	10	Black	B-3		Oscillator RH
D56	6	★	B-2		Front lock button RH and keyless access exterior antenna
D65	10	Black	B-4		Oscillator LH
D66	6	★	B-4		Front lock button LH and keyless access exterior antenna
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
D143	8	★	C-4		Seat position memory 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
D148	12	★	C-3	i197	Instrument panel wiring harness

★ : White or natural color

Door Cord

WIRING SYSTEM

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



WI-41398

Rear Wiring Harness and Trunk Lid Cord

WIRING SYSTEM

65.Rear Wiring Harness and Trunk Lid Cord

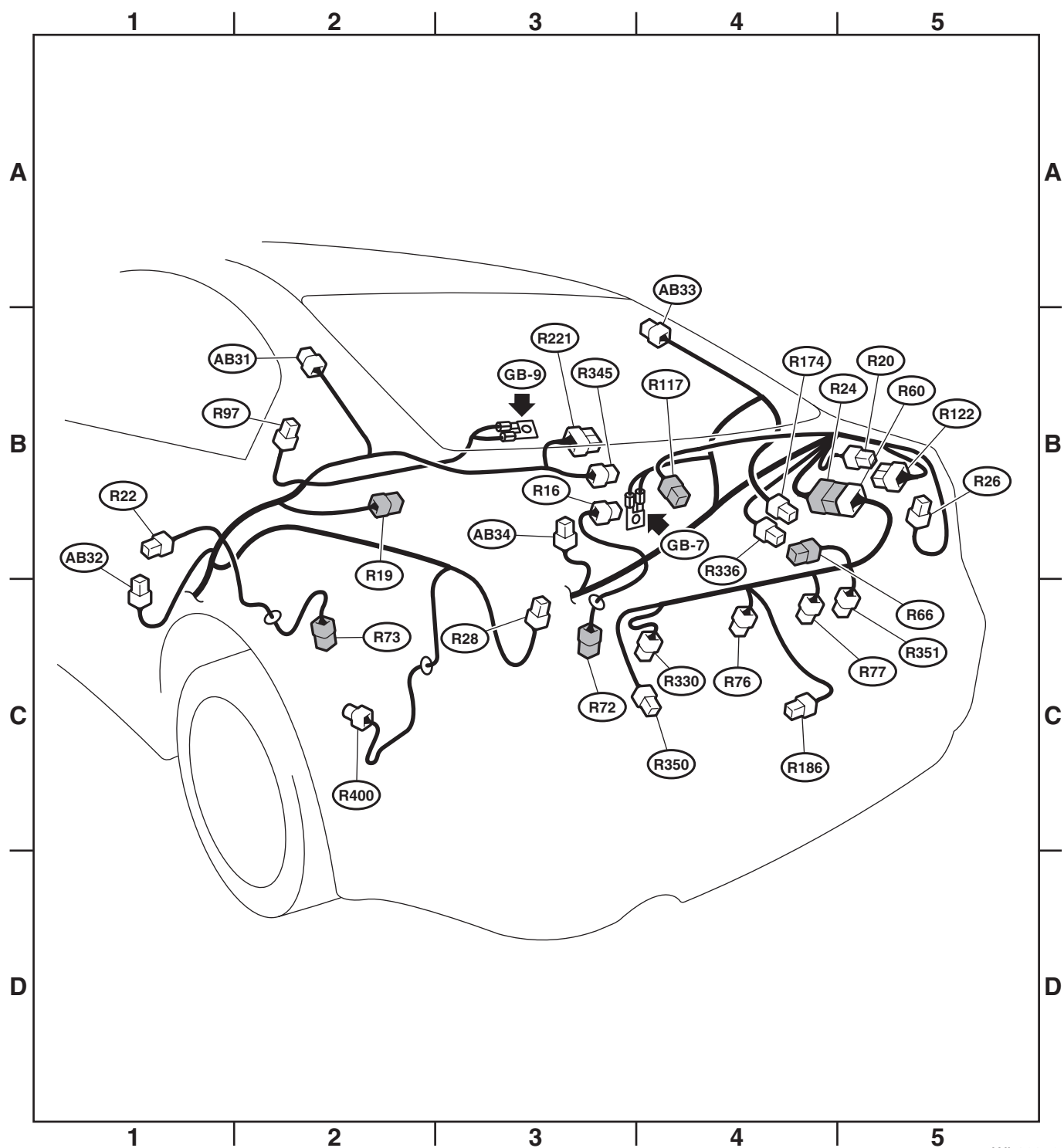
A: LOCATION

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
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)
R400	8	Gray	C-2		ELCM
★ : 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

Rear Wiring Harness and Trunk Lid Cord

WIRING SYSTEM



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Rear Wiring Harness and Rear Gate Cord

WIRING SYSTEM

66.Rear Wiring Harness and Rear Gate Cord

A: LOCATION

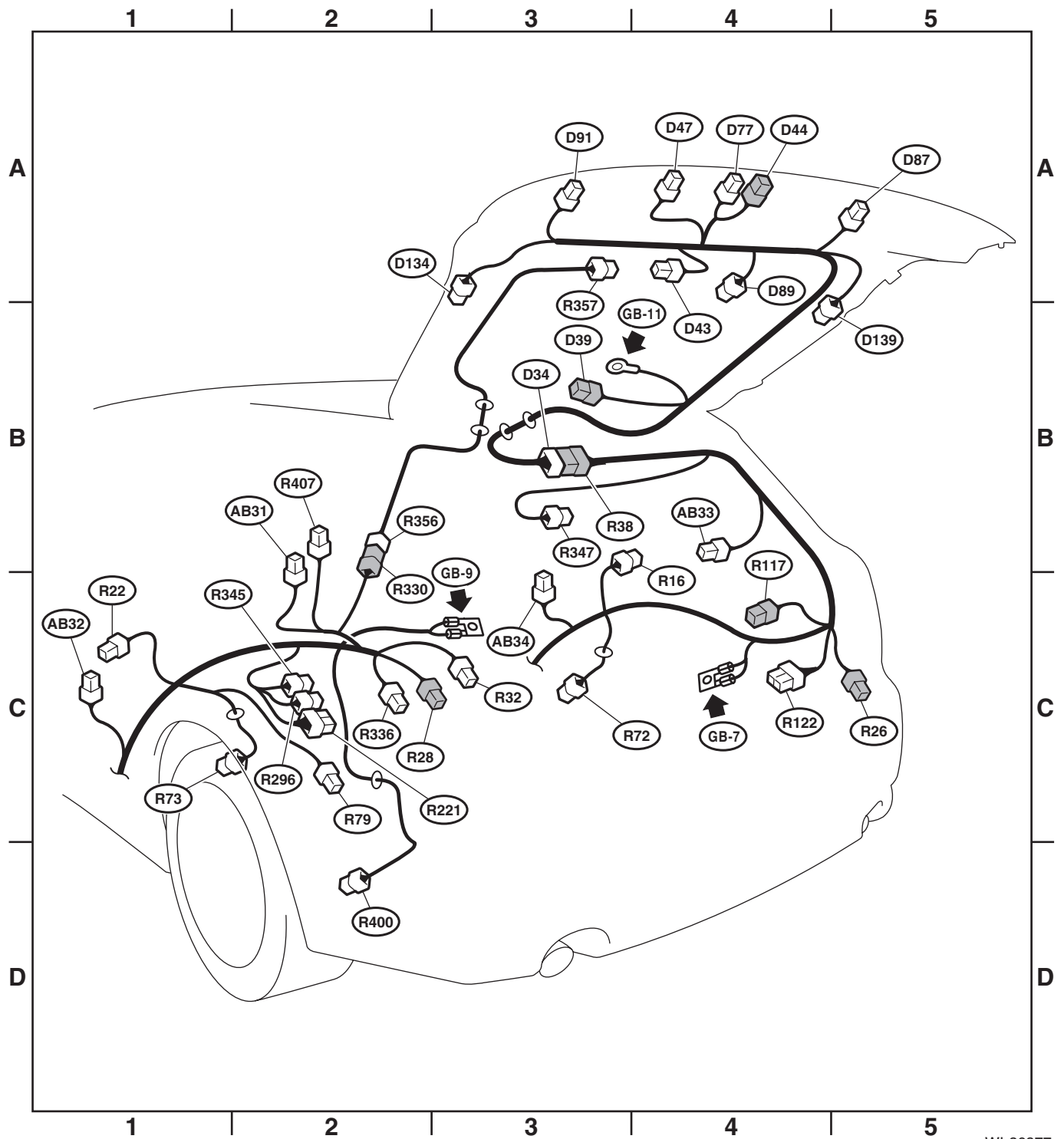
Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
R16	3	★	B-3		Rear door switch RH
R22	3	★	C-1		Rear door switch LH
R26	4	★	C-5		Rear combination light RH
R28	4	★	C-2		Rear combination light LH
R32	2	★	C-3		Rear accessory power supply socket (cargo room)
R38	16	★	B-3	D34	Rear gate cord
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
R221	12	★	C-2		TPMS & keyless entry CM (with TPMS) (without push button start)
R296	5	★	C-2		Receiver
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
R400	8	Gray	D-2		ELCM
R407	1	★	B-2		Antenna amplifier
★ : White or natural color					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Description
D34	16	★	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 lock button & rear gate opener button & keyless access exterior antenna (rear)
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

Rear Wiring Harness and Rear Gate Cord

WIRING SYSTEM



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Rear Wiring Harness and Rear Gate Cord

WIRING SYSTEM
