

Brought to you by Eris Studios
NOT FOR RESALE

WIRING

Brought to you by Eris Studios
NOT FOR RESALE

1. Basic Diagnostics Procedure

A: BASIC PROCEDURES

1. GENERAL

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

2. IDENTIFICATION OF TROUBLE SYMPTOM

Determine what the problem is based on symptom.

3. PROBABLE CAUSE OF TROUBLE

Look at the wiring diagram and check 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 problems are encountered, check the component parts.

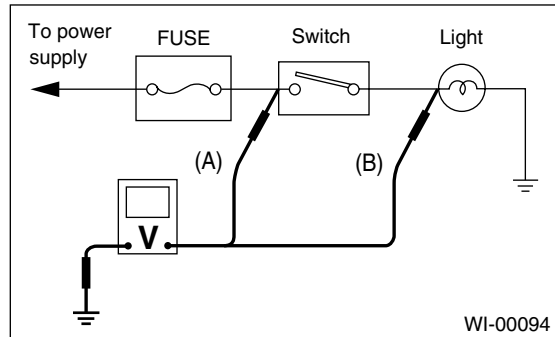
5. CONFIRMATION OF SYSTEM OPERATION

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 probe of the voltmeter on connector (A).
The voltmeter will indicate a voltage.
- 3) Shift the positive probe to connector (B). The voltmeter will indicate no voltage.



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

BASIC DIAGNOSTICS PROCEDURE

WIRING SYSTEM

2. CIRCUIT CONTINUITY CHECKS

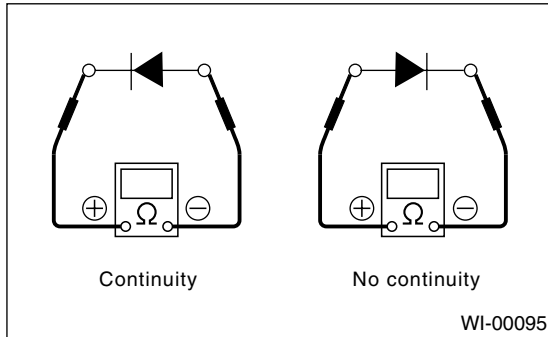
1) Disconnect the battery cable or connector so there is no voltage between check points.

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 the diode continuity. When contacting the negative lead to diode positive side and positive lead to negative side, there should be continuity.

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



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

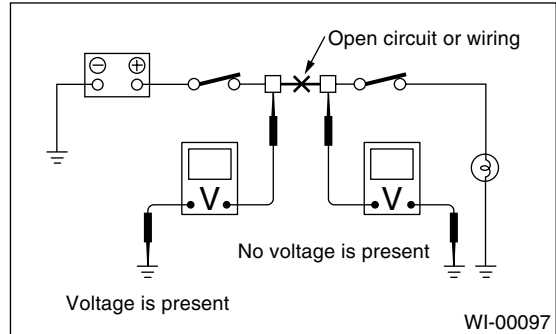
Terminal Switch Position	1	2	3	4	5	6
OFF						
1	○				○	○
2	○			○		○
3	○		○			○
4	○	○				○

WI-00096

3. HOW TO DETERMINE AN OPEN CIRCUIT

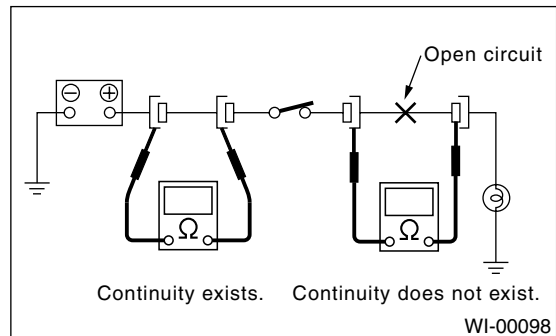
1) Voltmeter Method:

An open circuit is determined by measuring the voltage between respective connectors and ground using a voltmeter, starting with the connector closest to 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 previous connector is open.



2) Ohmmeter method:

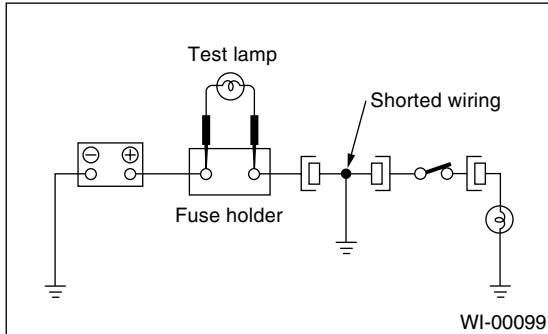
Disconnect all connectors affected, and check the continuity in wiring between adjacent connectors. When the ohmmeter indicates “infinite”, the wiring is open.



4. HOW TO DETERMINE A SHORT CIRCUIT

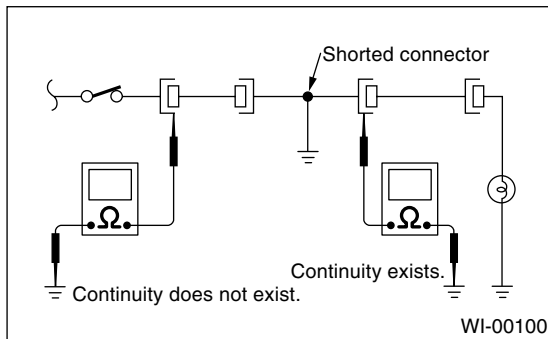
1) Test lamp method:

Connect a test lamp (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 power supply. If the test lamp goes out when a connector is disconnected, the wiring between that connection and next connector (farther from the power supply) is shorted.



2) Ohmmeter method:

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



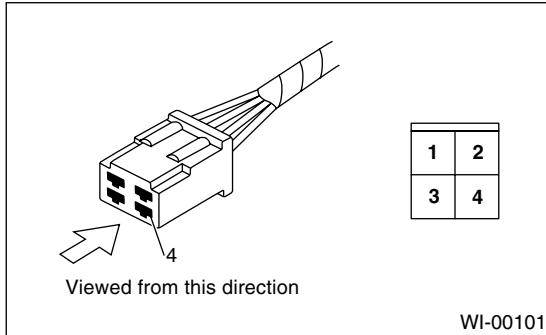
C: HOW TO READ WIRING DIAGRAMS

1. WIRING DIAGRAM

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



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

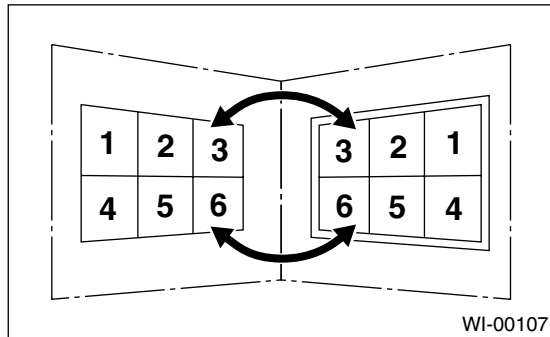
Connector used in vehicle	Connector shown in wiring diagram		
	Sketch	Symbol	Number of poles
	<p>Double frames</p> <p>Indicates a lock is included.</p> <p>Indicates the number of poles.</p>		<p>Numbered in order from upper right to lower left.</p>
	<p>Indicates a lock is included.</p> <p>Single frame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

WI-00102

BASIC DIAGNOSTICS PROCEDURE

WIRING SYSTEM

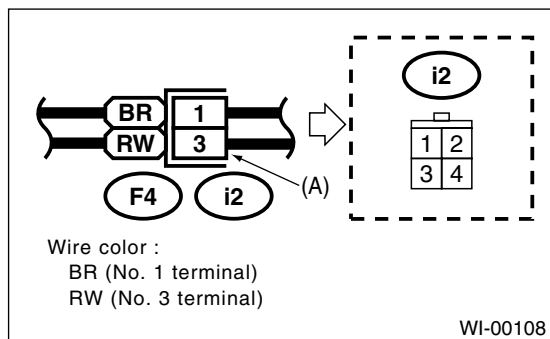
- When one set of connectors is viewed from the front side, the pole numbers of one connector are symmetrical to those of other. When these two connectors are connected as a unit, the poles which have the same number are joined.



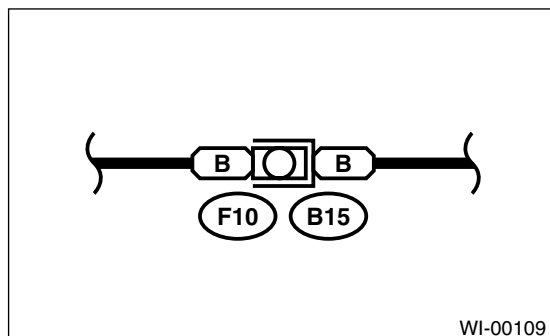
- Electrical wiring harness:**
The connectors are numbered along with the number of poles, external colors, and mating connections in accompanying list.
- The sketch of each connector in the wiring diagram usually shows (A) side of the connector. The relationship between wire color, terminal number and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

NOTE:

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

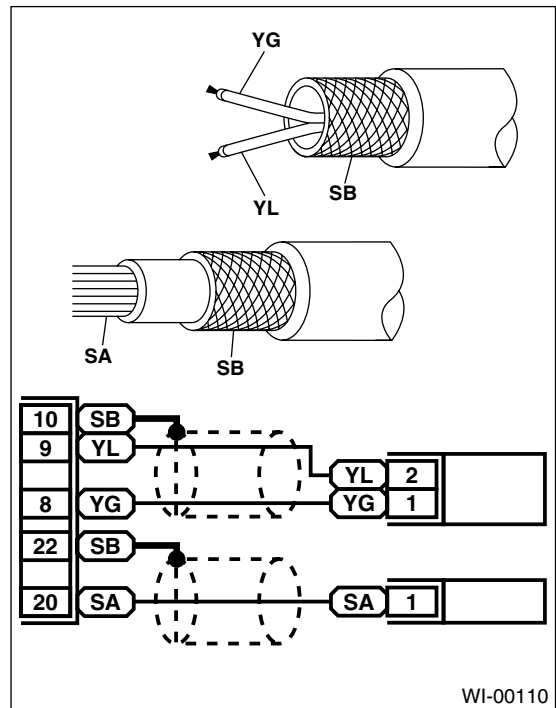


- In wiring diagram, connectors which have no terminal number refer to one-pole types. Sketches of these connectors are omitted intentionally.



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

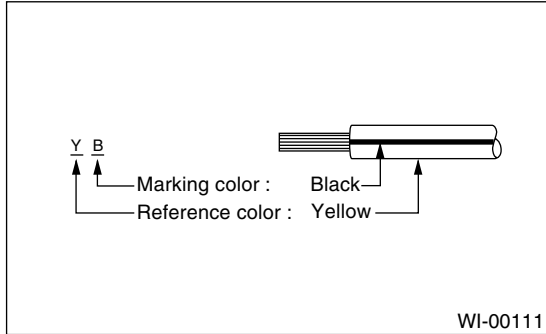
Color code	Color
L	Blue
B	Black
Y	Yellow
G	Green
R	Red
W	White
Br	Brown
Lg	Light green
Gr	Gray
P	Pink
Or	Orange
Lb	Light Blue
V	Violet
SA	Sealed (Inner)
SB	Sealed (Outer)



BASIC DIAGNOSTICS PROCEDURE

WIRING SYSTEM

- 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 stripe marking by its second letter.



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

CAUTION:

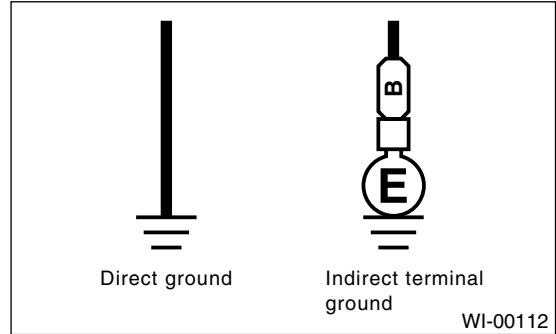
When replacing or repairing a wire, be sure to use the same size and type of wire which was originally used.

NOTE:

- The allowable current in the table indicates 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 finished 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

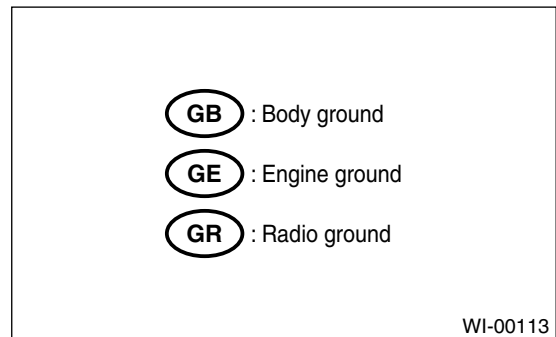
- Each unit is directly grounded to the body or indirectly grounds through a harness ground terminal. Different symbols are used in the wiring diagram to identify the two grounding systems.



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

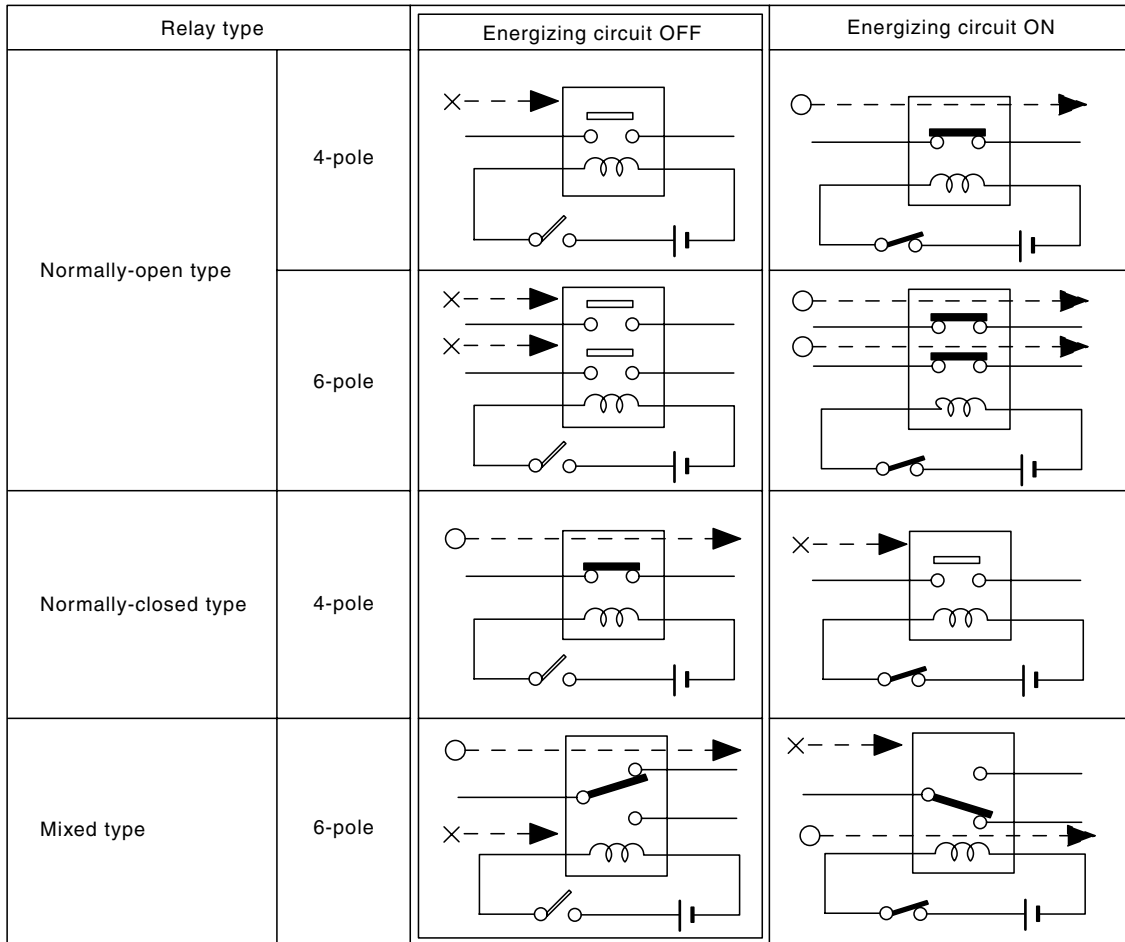
NOTE:

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



BASIC DIAGNOSTICS PROCEDURE

- 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 energizing circuit is OFF.



Key to symbols:

○ → : Current flows.

× → : Current does not flow.

WI-00114

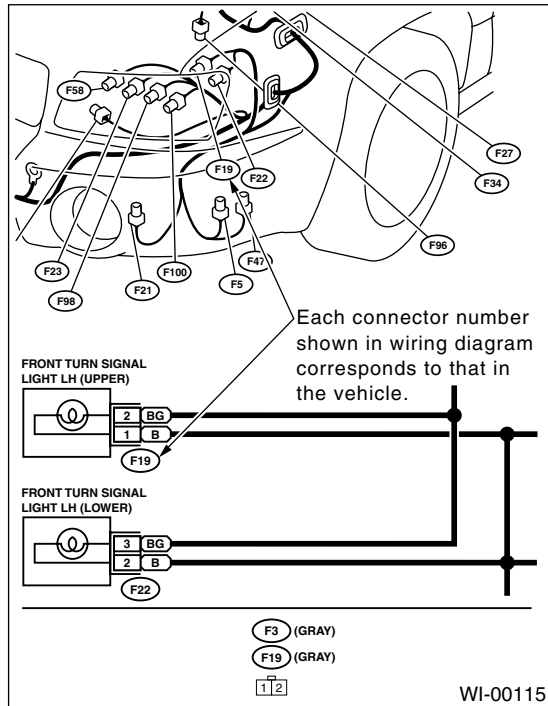
BASIC DIAGNOSTICS PROCEDURE

WIRING SYSTEM

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

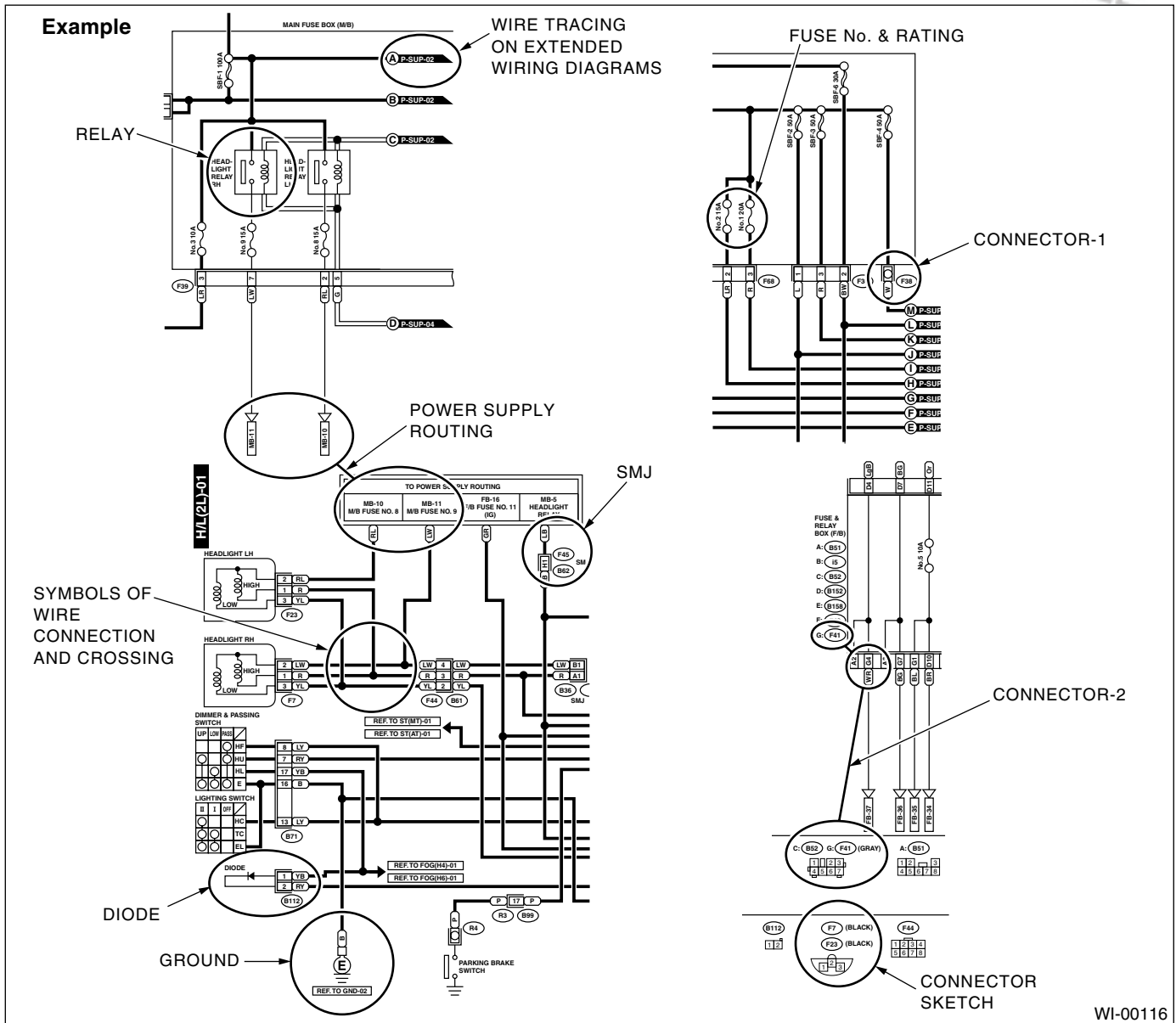
The first character of each connector number refers to the area or system of the vehicle.

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



D: SYMBOLS IN WIRING DIAGRAMS

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



1. RELAY

A symbol used to indicate a relay.

2. CONNECTOR-1

The sketch of the connector indicates one-pole types.

3. WIRING CONNECTION

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

4. FUSE NO. & RATING

The "FUSE No. & RATING" corresponds with that used in 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.

Brought to you by Eris Studios
NOT FOR RESALE

6. CONNECTOR SKETCH

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

7. GROUND

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

8. DIODE

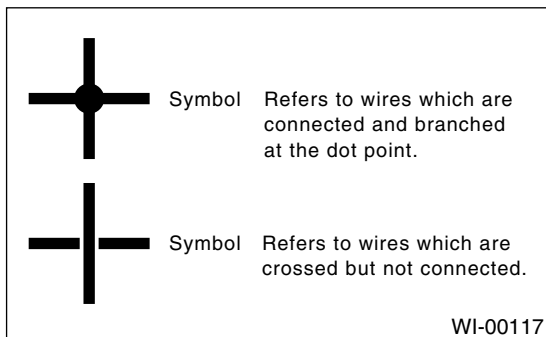
A symbol is used to indicate a diode.

9. WIRE TRACING ON EXTENDED WIRING DIAGRAMS

For a wiring diagram extending over at least two pages, a symbol (consisting of the same characters with arrows), facilitates wire tracing from one page to the next.

A ↔ A, B ↔ B

10. SYMBOLS OF WIRE CONNECTION AND CROSSING



11. POWER SUPPLY ROUTING

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 POWER SUPPLY ROUTING in the wiring diagram.

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

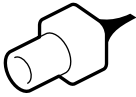
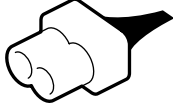
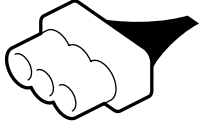



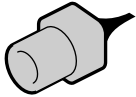
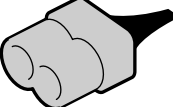

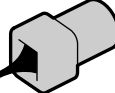

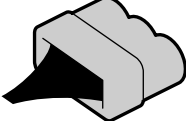
12. CLASSIFICATION BY SPECIFICATION

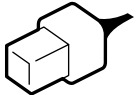
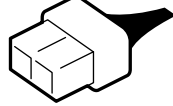
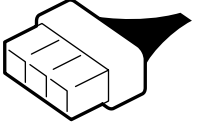

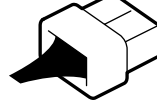
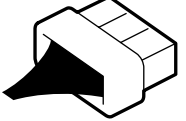
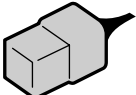
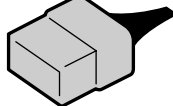
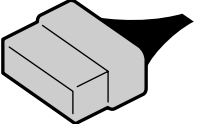
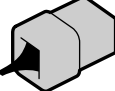

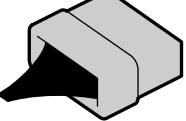
When the wiring diagrams differ according to vehicle specifications, the specification difference is described by using abbreviations.

E: CONNECTOR SYMBOL IN WIRING HARNESS

Main symbols of connector (in wiring harness) are indicated in below.

Brought to you by Eris Studios
NOT FOR RESALE

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

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

BASIC DIAGNOSTICS PROCEDURE

WIRING SYSTEM

F: ABBREVIATION IN WIRING DIAGRAMS

Abbreviation	Full name
ABS	Antilock Brake System
ACC	Accessory
A/C	Air Conditioning
AD	Auto Down
AT	Automatic Transmission
AU	Auto Up
+B	Battery
DN	Down
E	Ground
F/B	Fuse & Joint Box
FL1.5	Fusible link 1.5 mm ²
IG	Ignition
Illumi.	Illumination
LH	Left Hand
Lo	Low
M	Motor
M/B	Main Fuse Box
MG	Magnet
Mi	Middle
OP	Optional Parts
PASS	Passing
RH	Right Hand
SBF	Slow Blow Fuse
ST	Starter
SW	Switch
UP	Up
WASH	Washer

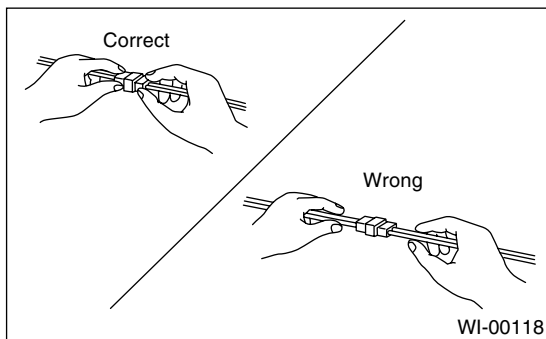
2. Working Precautions

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

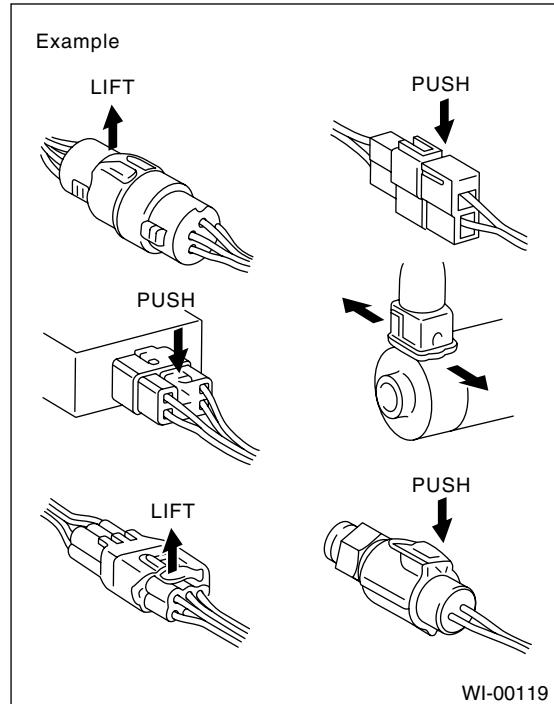
- 1) When working under a vehicle which is jacked-up, always be sure to use safety stands.
- 2) The parking brake must always be applied during working. Also, in automatic transmission models, keep the select lever set to P (Parking) range.
- 3) Be sure the workshop is properly ventilated when running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

B: PRECAUTIONS IN TROUBLE DIAGNOSIS AND REPAIR OF ELECTRIC PARTS

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

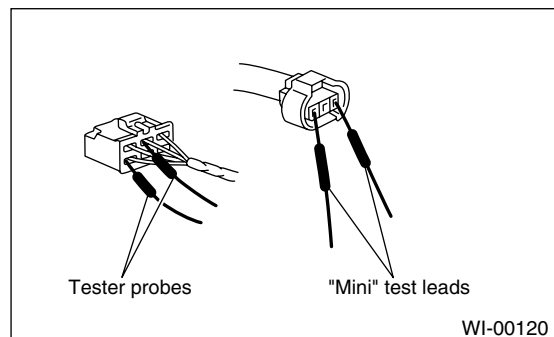


- 5) Some connectors are provided with a lock. One type of such a connector is disconnected by pushing the lock, and the other, by moving the lock up. In either type the lock shape must be identified before attempting to disconnect the connector. To connect, insert the connector until it snaps and confirm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



- 6) When checking continuity between connector terminals, or measuring the 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 accessible from the wiring side), contact test probes on the terminal side being careful not to bend or damage terminals.



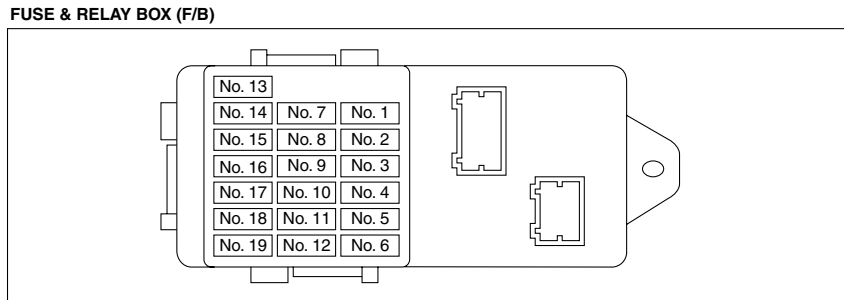
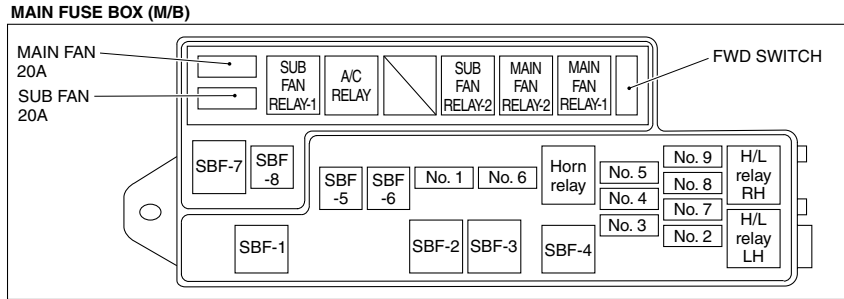
- 7) Sensors, relays, electrical unit, etc., are sensitive to strong impacts. Handle them with care so that they are not dropped or mishandled.

3. Power Supply Routing

A: SCHEMATIC

P-SUP-01

P-SUP-01

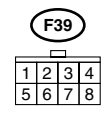
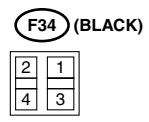
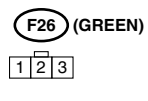
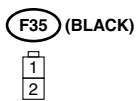
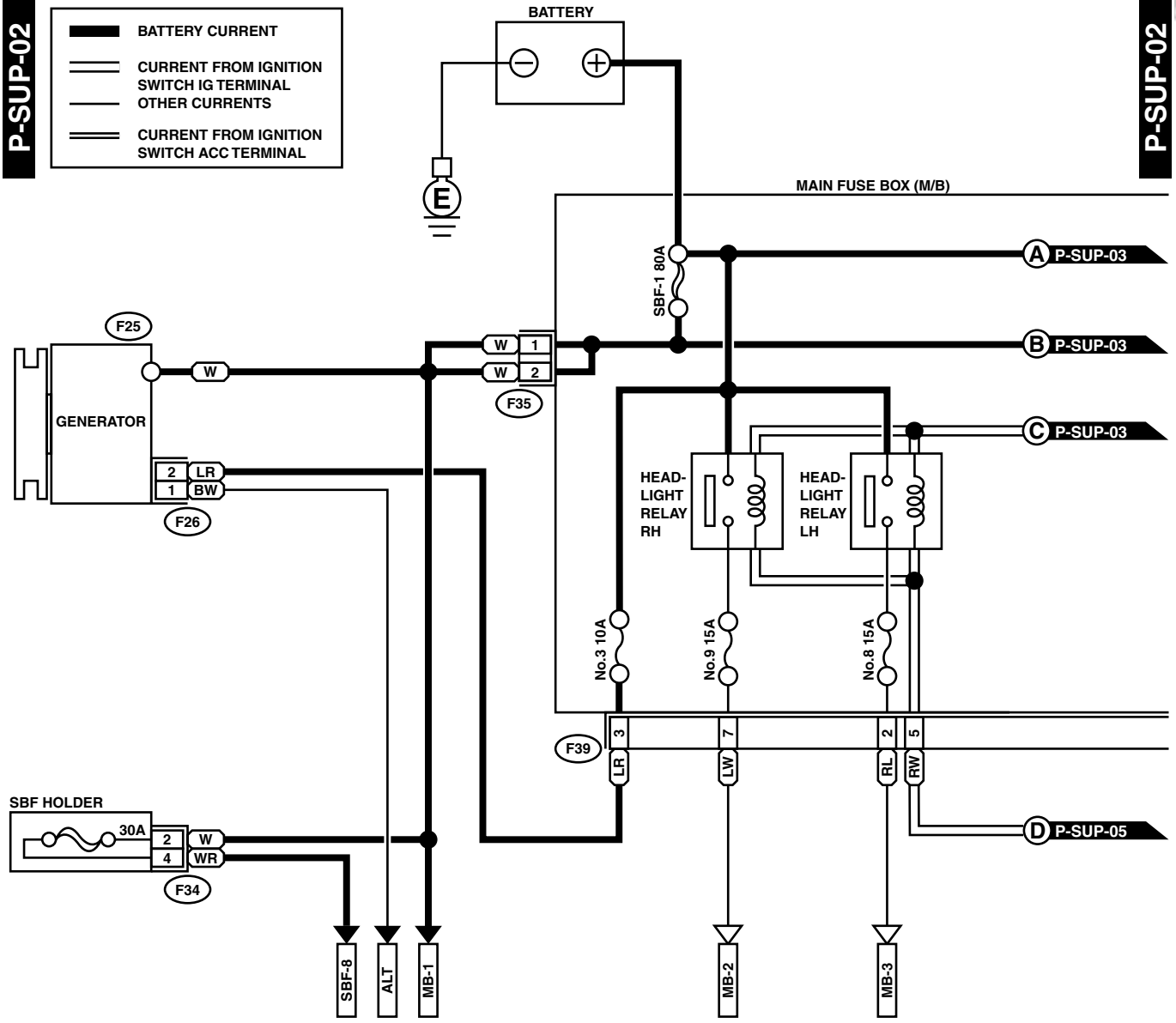
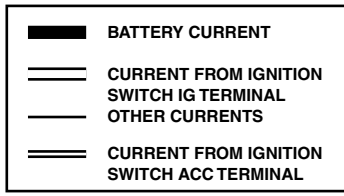


POWER SUPPLY ROUTING

WIRING SYSTEM

P-SUP-02

P-SUP-02

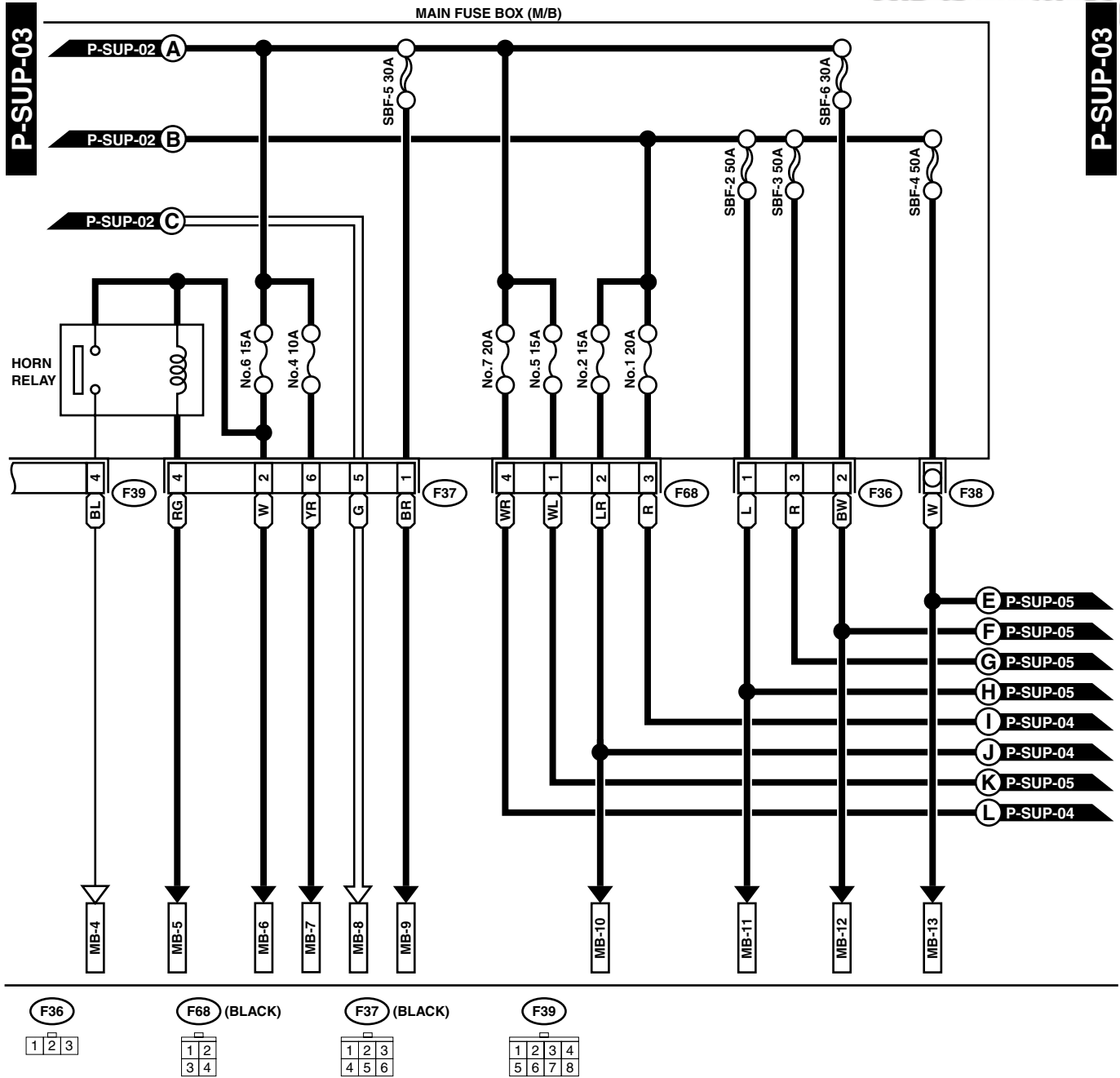


WI-02785

POWER SUPPLY ROUTING

WIRING SYSTEM

Brought to you by Eris Studios
NOT FOR REPRODUCTION

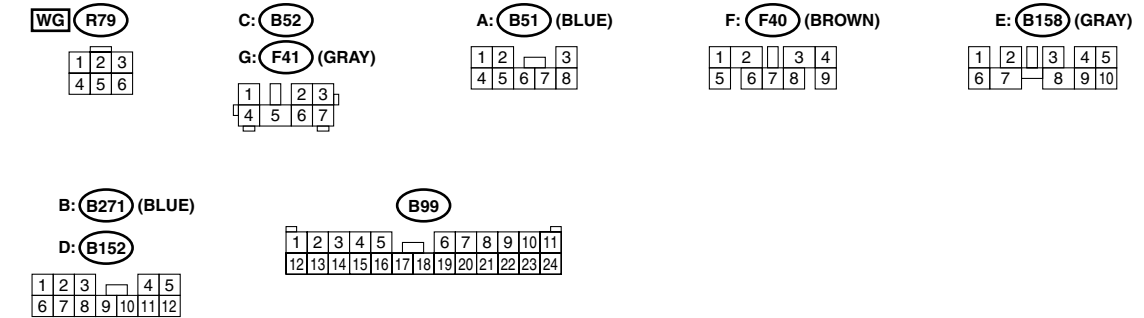
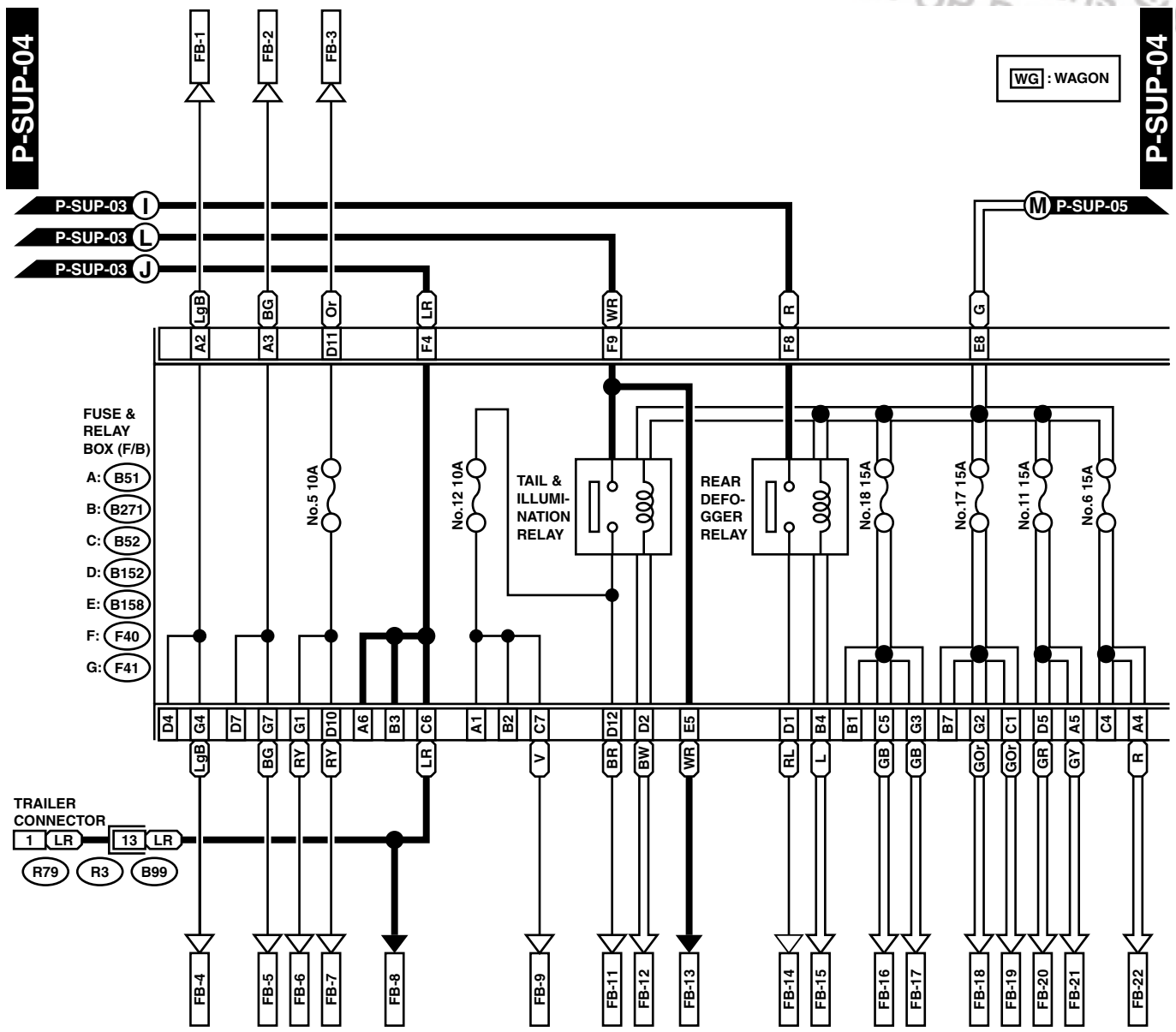


WI-02168

POWER SUPPLY ROUTING

WIRING SYSTEM

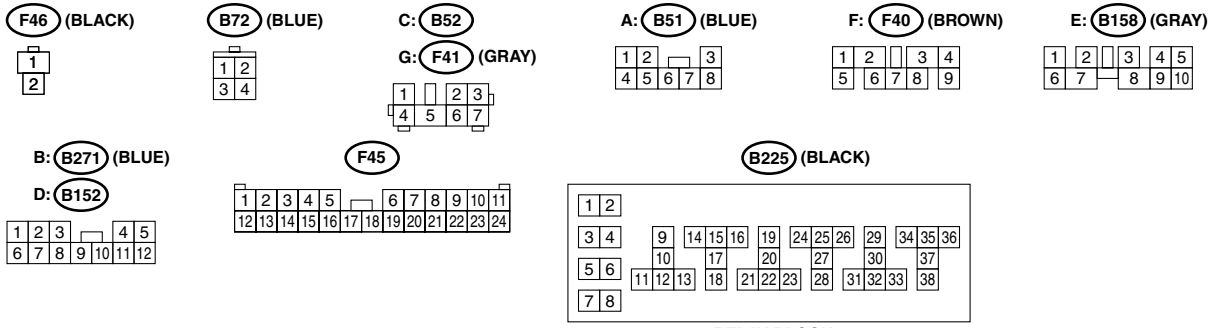
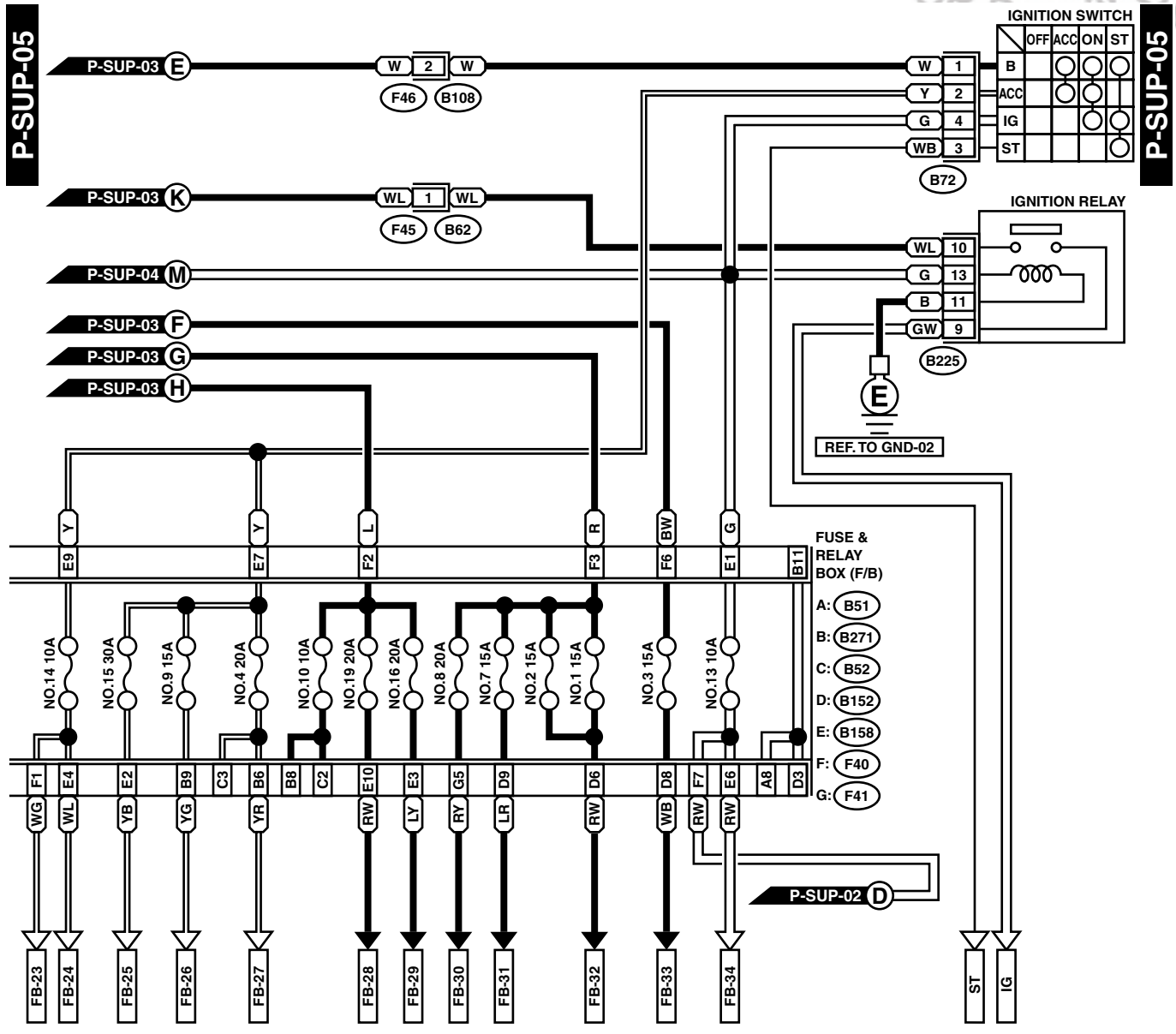
Brought to you by Eris Studios
NOT FOR SALE



WI-02533

POWER SUPPLY ROUTING

WIRING SYSTEM



WI-02534

POWER SUPPLY ROUTING

WIRING SYSTEM

No.	Load
MB-1	Air conditioning relay holder (Fuse)
MB-2	Combination meter Headlight RH
MB-3	Headlight LH
MB-4	Horn
MB-5	Cruise control sub switch Horn switch Keyless entry control module Security horn relay Electric control throttle relay
MB-6	Hazard switch Key warning switch
MB-7	Transmission control module Driver's control center differential relay
MB-8	Daytime running light control module Diode (Daytime running light)
MB-9	Data link connector Engine control module Fuel pump relay Main relay
MB-11	Fuse (Rear 12V accessory)
MB-12	Power window circuit breaker
MB-13	Relay holder
SBF-8	ABS control module
IG	Hazard switch Power window relay
ST	Engine control module (AT) Interrupt relay
FB-1	Combination meter Hazard switch Rear turn signal light RH Trailer connector Turn signal switch
FB-2	Combination meter Hazard switch Rear turn signal light LH Trailer connector Turn signal switch
FB-3	Parking switch
FB-4	Front turn signal light RH
FB-5	Front turn signal light LH
FB-6	Front clearance light LH Front clearance light RH
FB-7	License plate light Tail light LH Tail light RH Trailer connector

No.	Load
FB-8	Clock Auto air conditioning control module Combination meter Integrated module Key illumination light (Turbo engine model) Keyless entry control module Radio Room light Security control module Security horn relay Spot light
FB-9	Clock Combination meter Illumination light Integrated module
FB-11	Parking switch
FB-12	Engine control module Lighting switch
FB-13	Parking switch
FB-14	Mirror heater relay Rear defogger Rear defogger switch
FB-15	Integrated module Engine control module
FB-16	ABS relay Back-up light switch (MT) Check connector Cruise control main switch Cruise control module Daytime running light control module Daytime running light relay High-beam relay (Daytime running light) Inhibitor switch (AT) Keyless entry control module Security control module Vehicle speed sensor (MT) Wiper deicer relay Wiper deicer timer
FB-17	Main fan relay (Non-turbo engine model) Main fan relay-1 (Turbo engine model) Main fan relay-2 (Turbo engine model)
FB-18	Air conditioning relay Sub fan relay (Non-turbo engine model) Sub fan relay-1 (Turbo engine model) Sub fan relay-2 (Turbo engine model) Air conditioning pressure switch
FB-19	Air conditioning switch Auto air conditioning module Blower fan motor relay

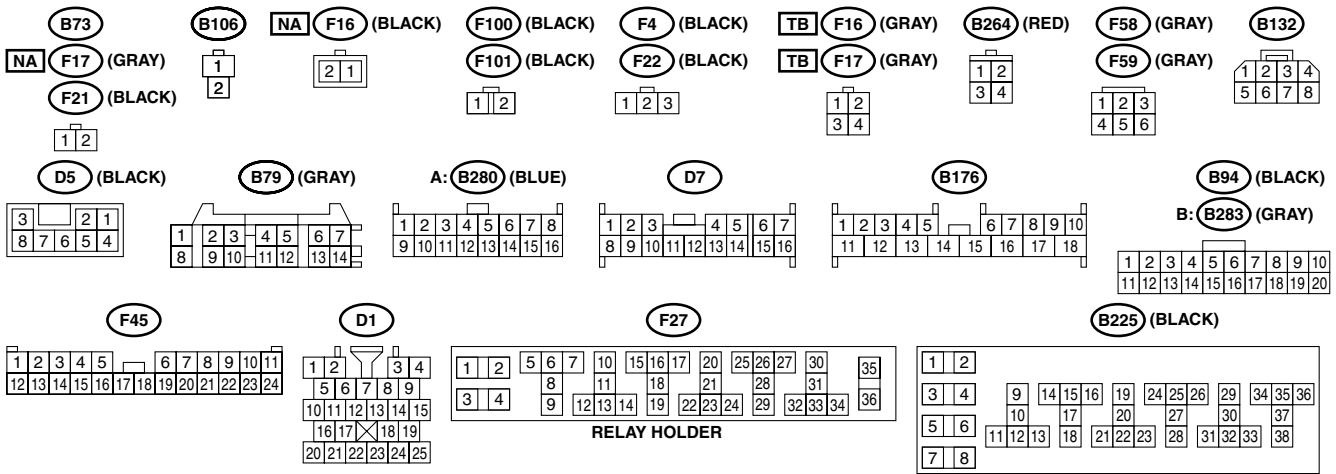
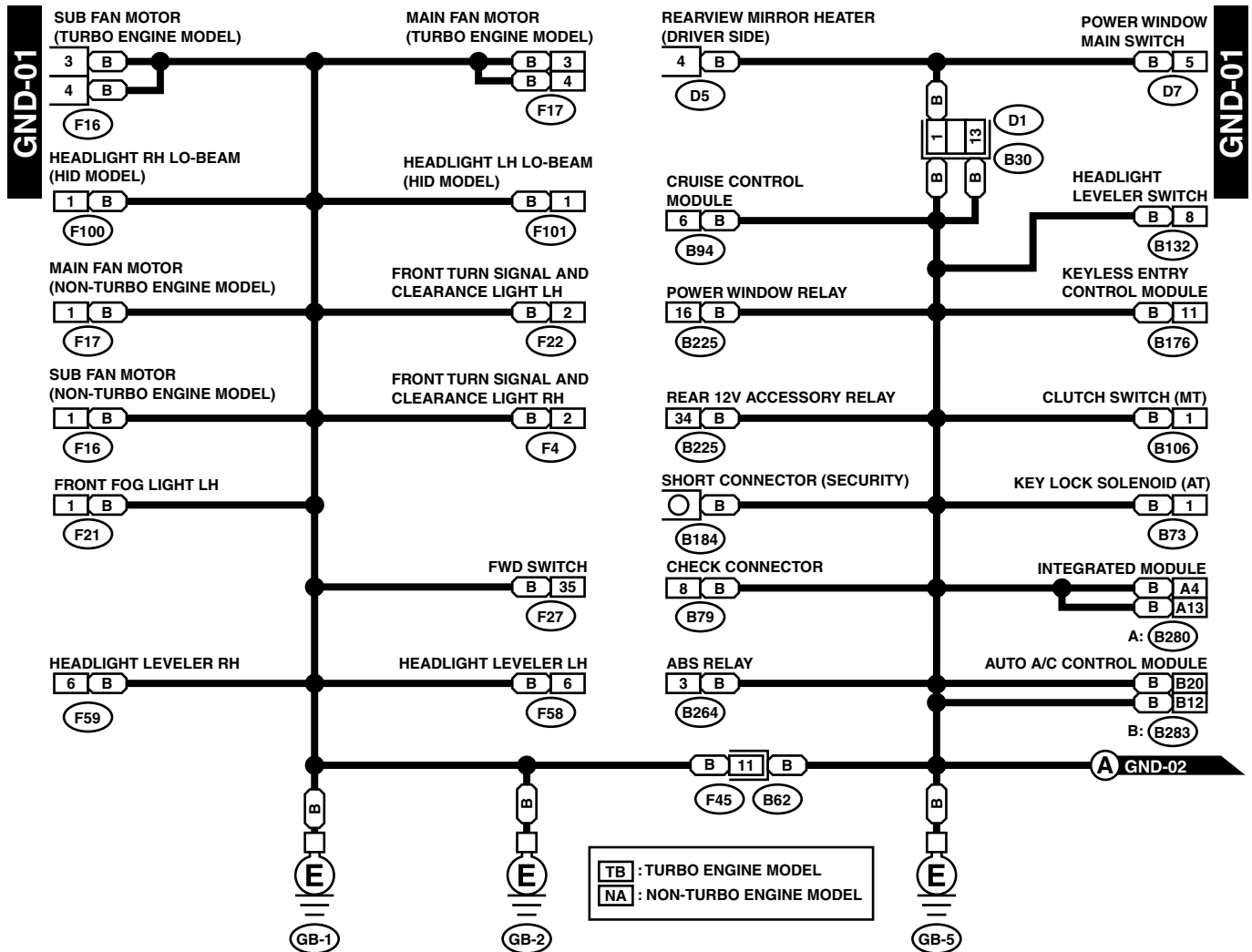
POWER SUPPLY ROUTING

WIRING SYSTEM

No.	Load
FB-20	Engine control module Fuel pump relay Ignition coil & ignitor Ignition coil No. 1 (Turbo engine model) Ignition coil No. 2 (Turbo engine model) Ignition coil No. 3 (Turbo engine model) Ignition coil No. 4 (Turbo engine model) Integrated module Transmission control module Driver's control center differential control unit Driver's control center differential relay
FB-21	Airbag control module
FB-22	Airbag control module
FB-23	Rear washer motor
FB-24	Rear wiper intermittent module (Wagon) Rear wiper motor (Wagon)
FB-25	Combination switch Front washer motor Front wiper motor
FB-26	Clock Auto air conditioner control module Radio
FB-27	Compass mirror Front accessory power supply socket Integrated module Rear 12V accessory relay Remote controlled rearview mirror switch Intercooler water spray switch Intercooler water spray timer
FB-28	Mirror heater relay Wiper deicer relay
FB-29	Stop light switch
FB-30	ABS control module
FB-31	Front fog light relay
FB-32	Blower fan motor relay
FB-33	Integrated module
FB-34	Combination meter

4. Ground Distribution

A: SCHEMATIC

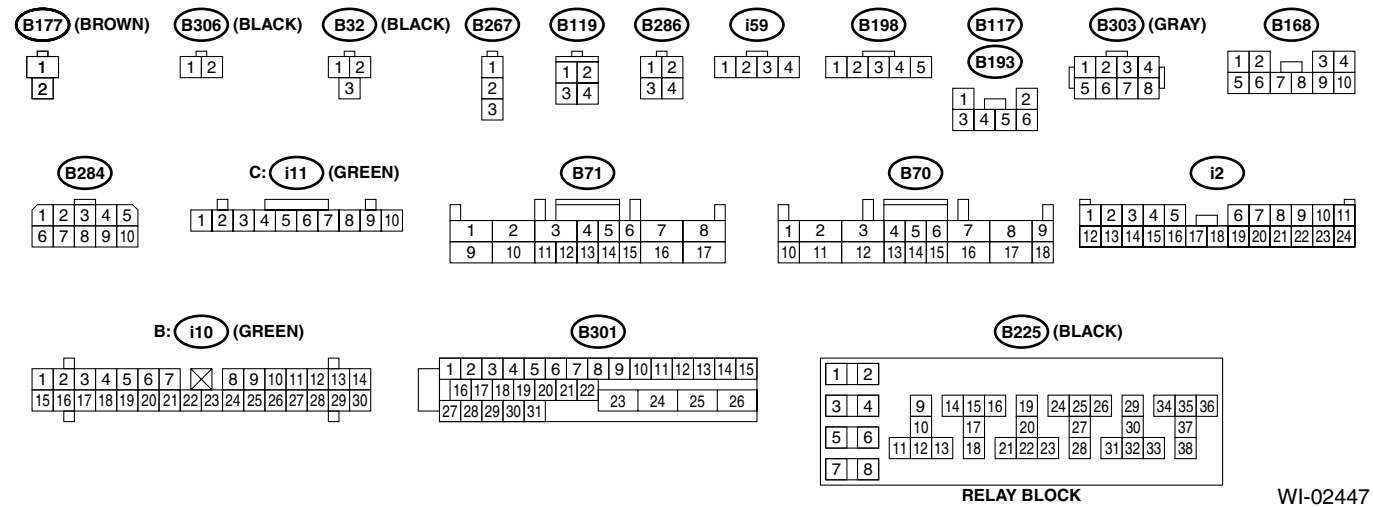
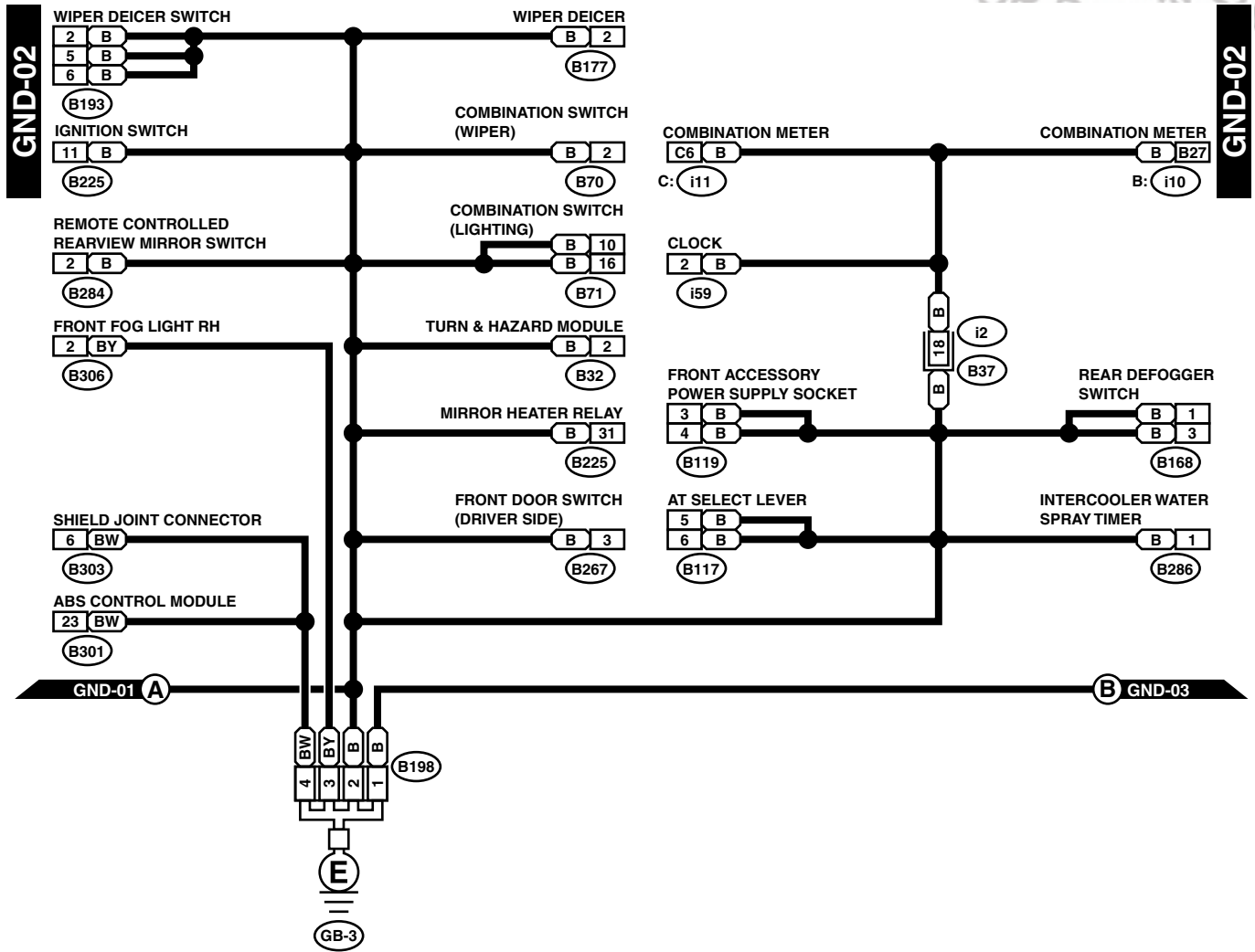


WI-02446

GROUND DISTRIBUTION

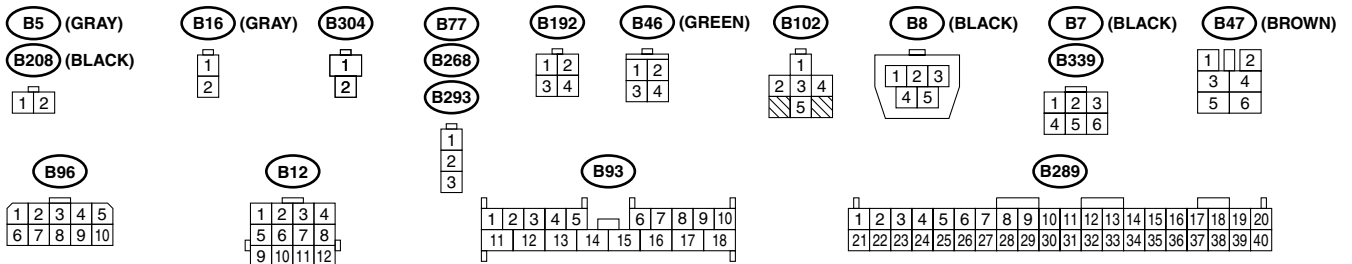
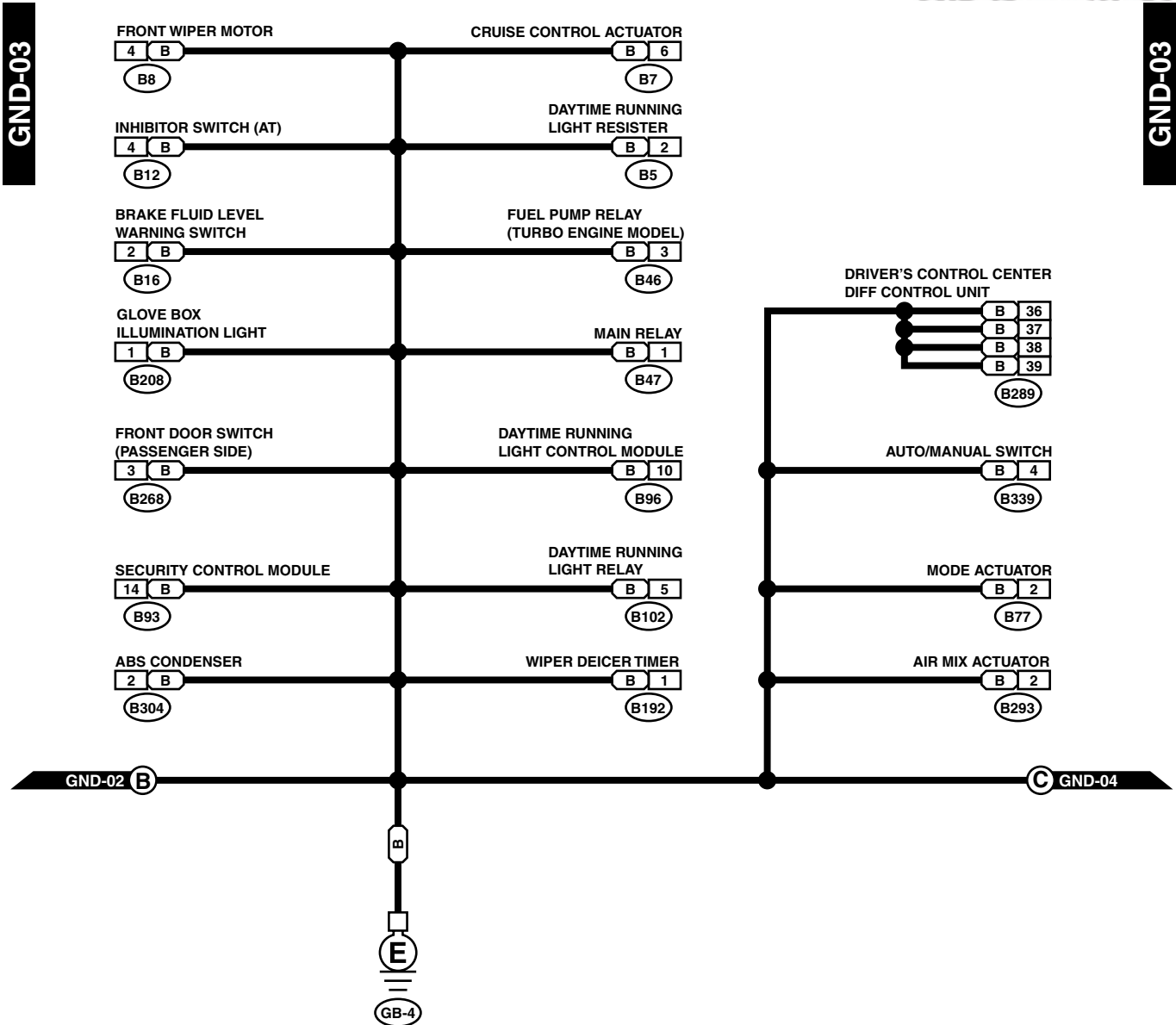
WIRING SYSTEM

Brought to you by Eris Studios
NOT FOR SALE



GROUND DISTRIBUTION

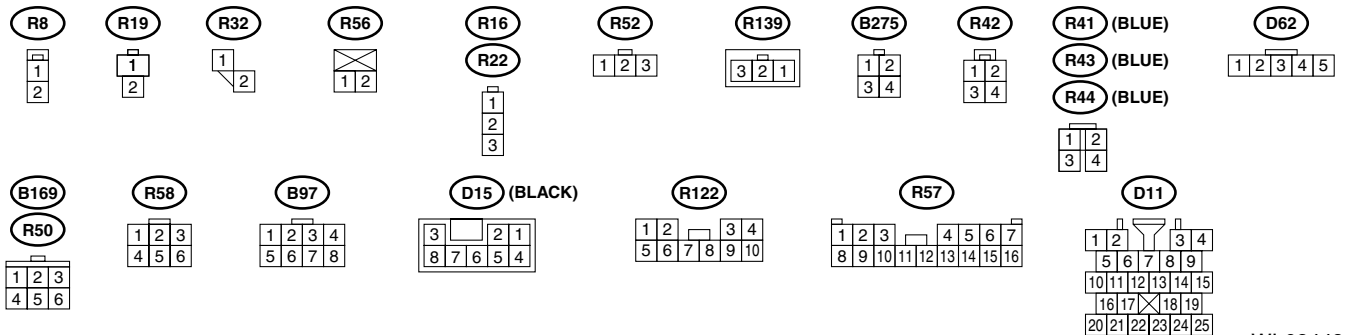
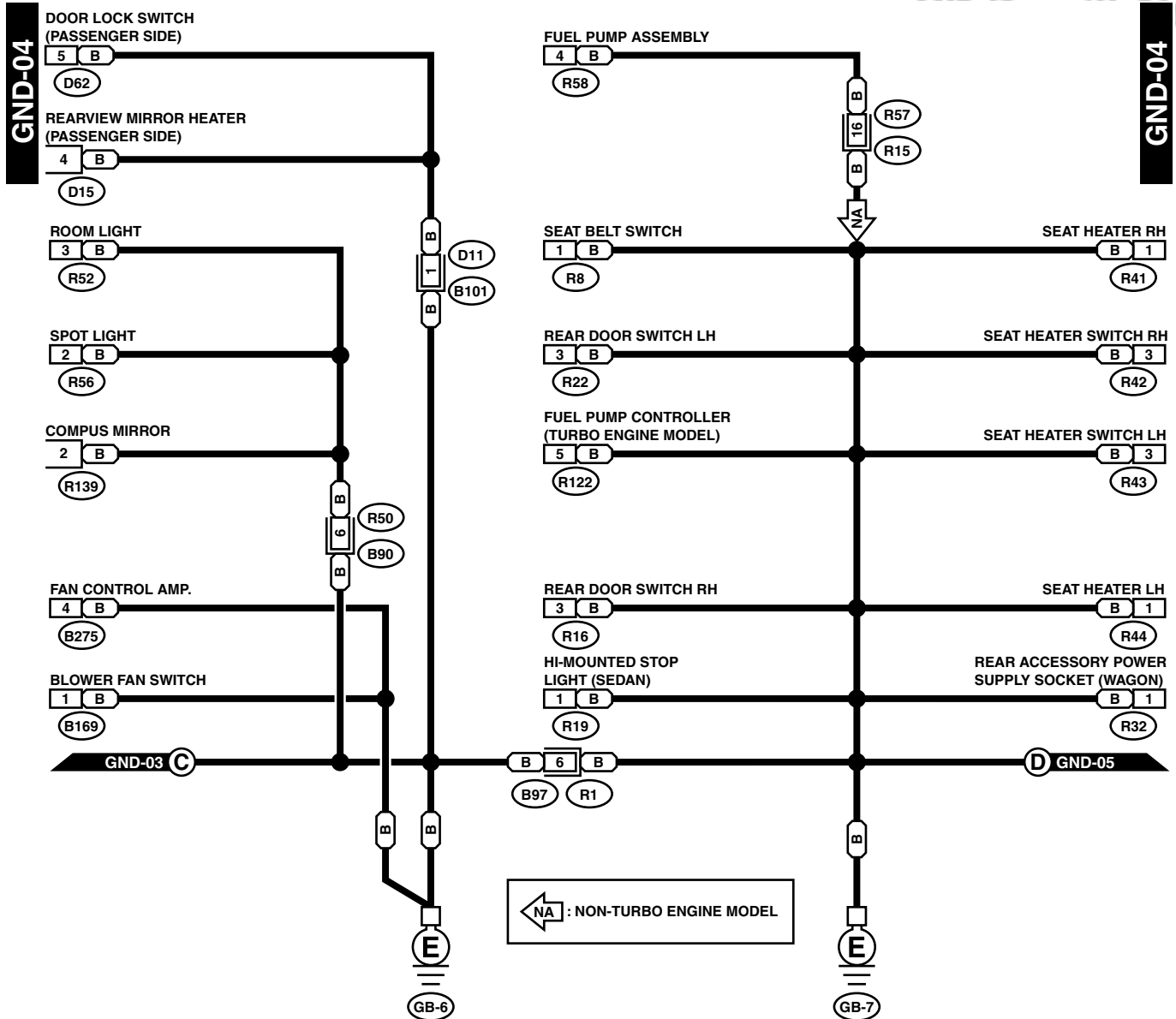
WIRING SYSTEM



WI-02448

GROUND DISTRIBUTION

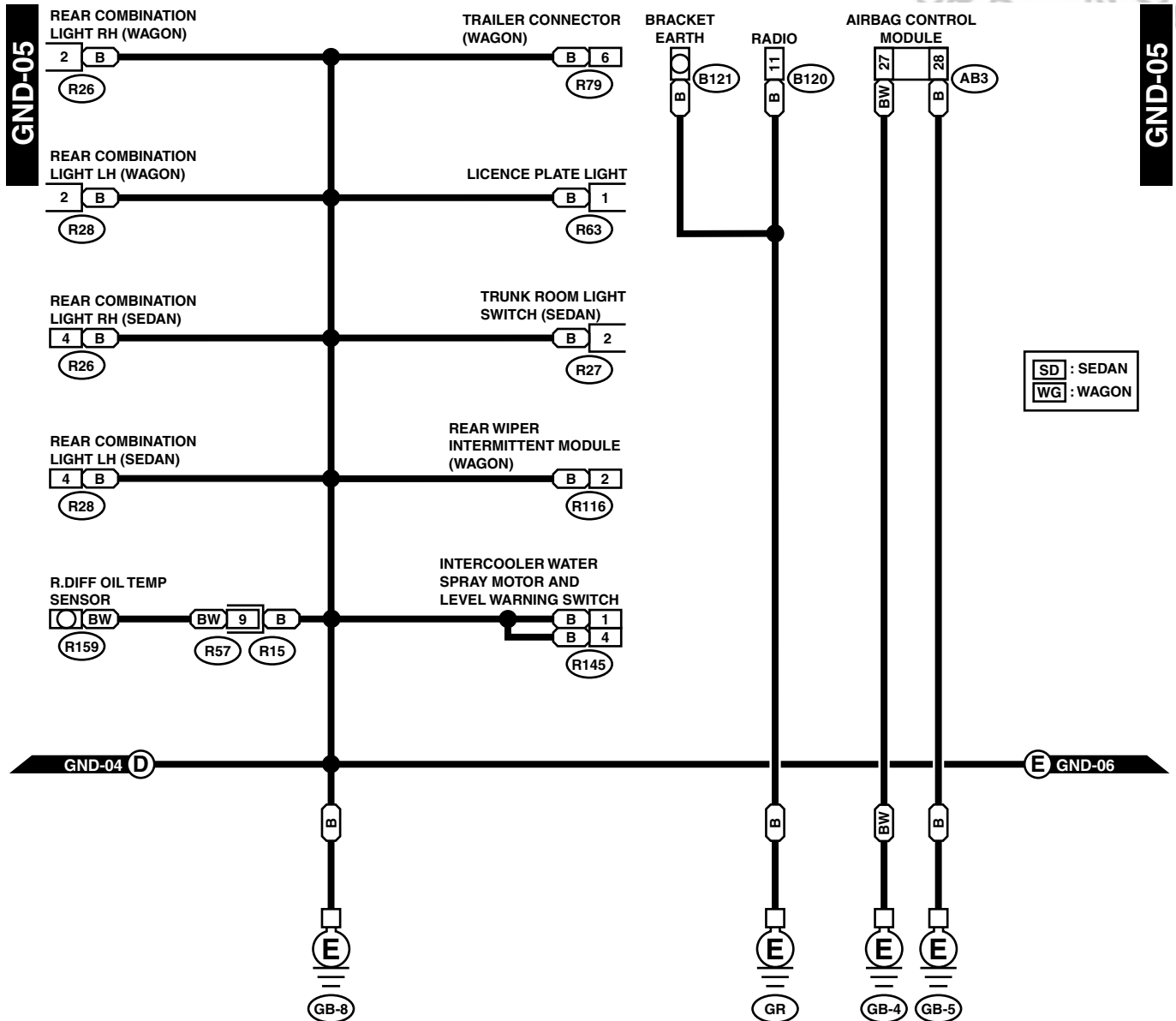
WIRING SYSTEM



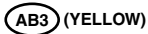
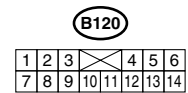
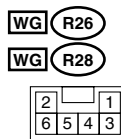
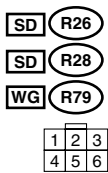
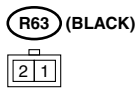
WI-02449

GROUND DISTRIBUTION

WIRING SYSTEM



SD : SEDAN
WG : WAGON



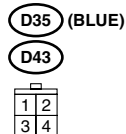
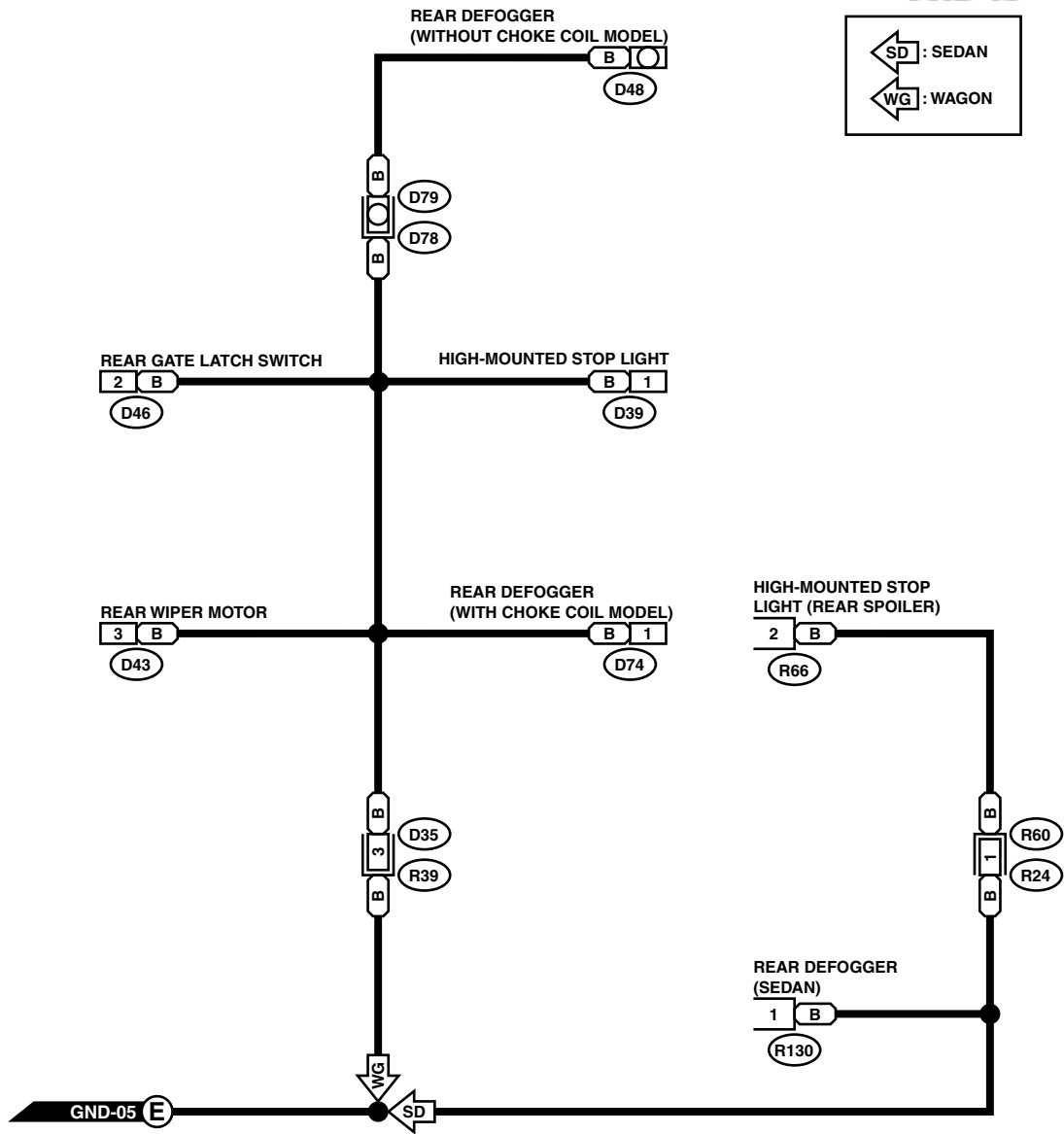
WI-02535

GROUND DISTRIBUTION

WIRING SYSTEM

GND-06

GND-06



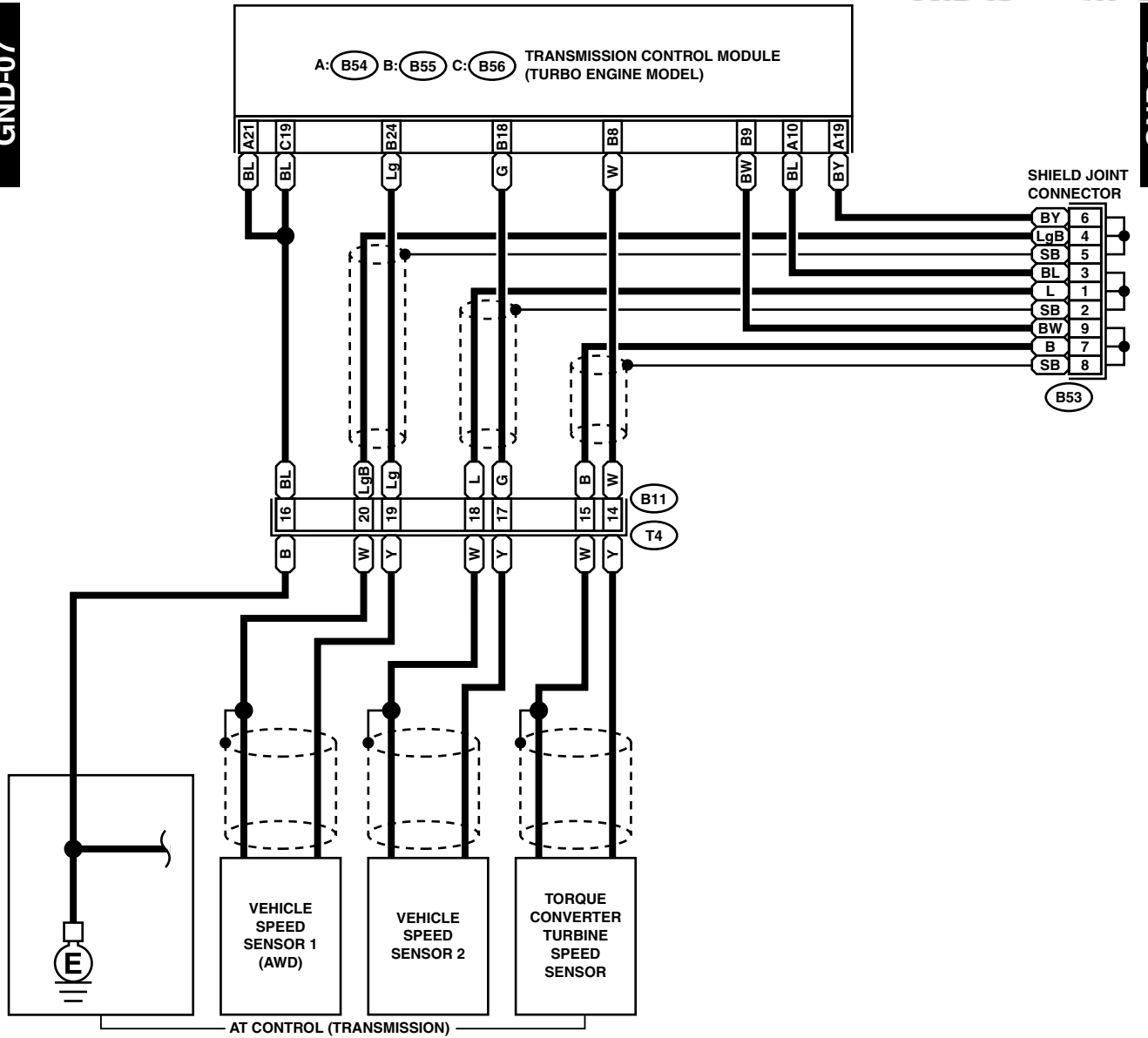
WI-02450

GROUND DISTRIBUTION

WIRING SYSTEM

GND-07

GND-07



B53 (BLACK)

1	2	3	4	5	6	7	8	9	10	11	12
---	---	---	---	---	---	---	---	---	----	----	----

B11 (BLACK)

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

A: B54

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

B: B55 (GRAY)

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

C: B56 (GREEN)

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

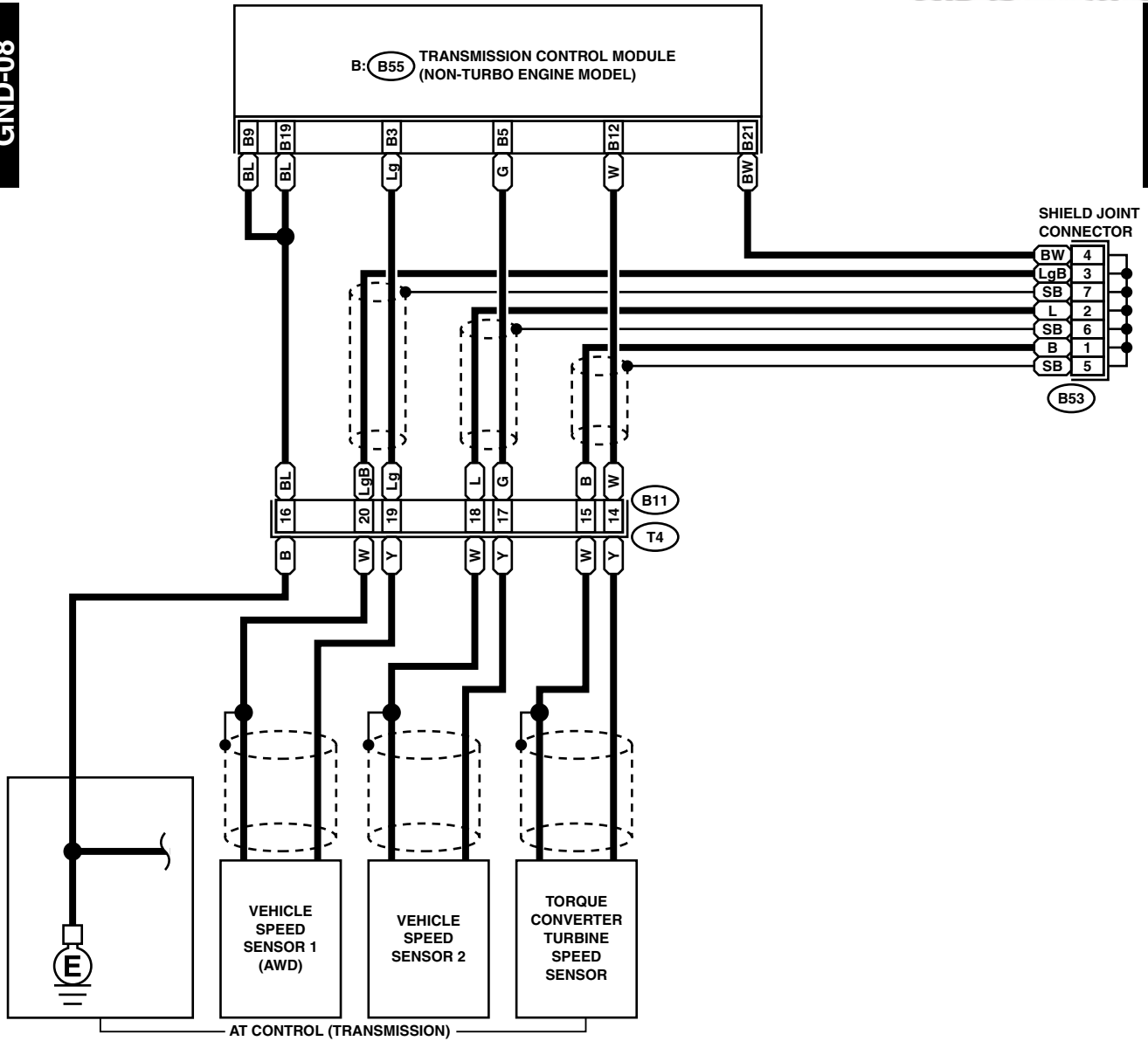
WI-01099

GROUND DISTRIBUTION

WIRING SYSTEM

GND-08

GND-08



(B53)

1	2	3	4
5	6	7	8

(B11) (BLACK)

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

B: (B55) (GRAY)

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

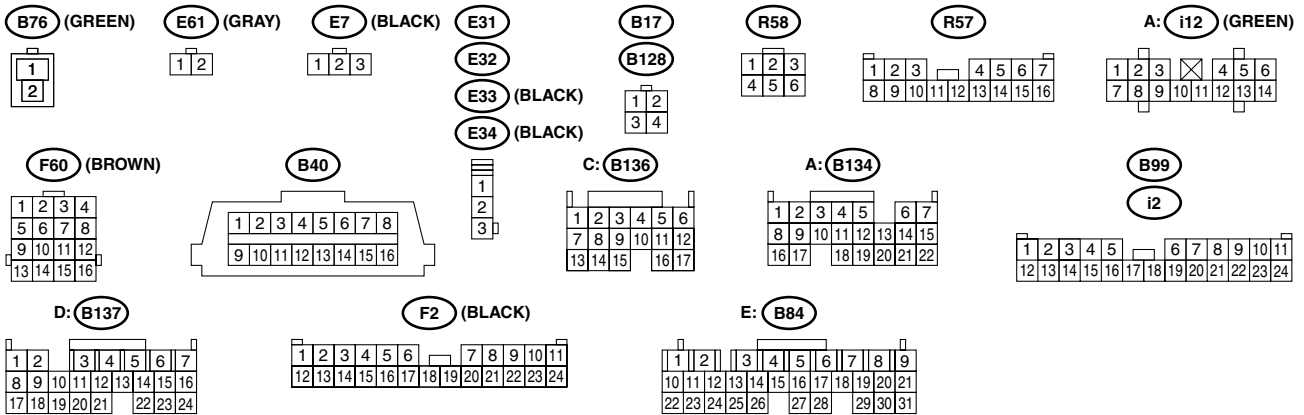
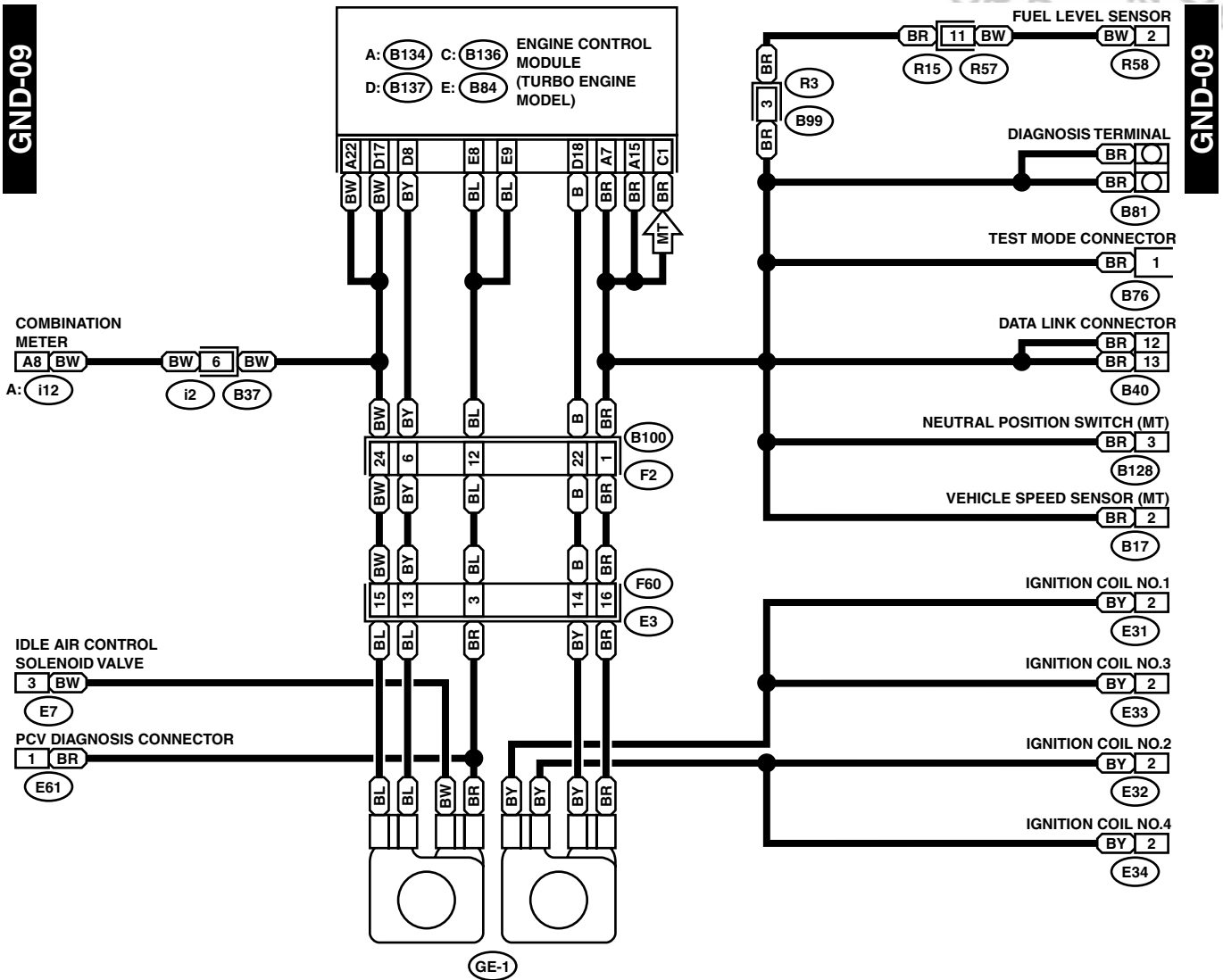
WI-01100

GROUND DISTRIBUTION

WIRING SYSTEM

GND-09

GND-09



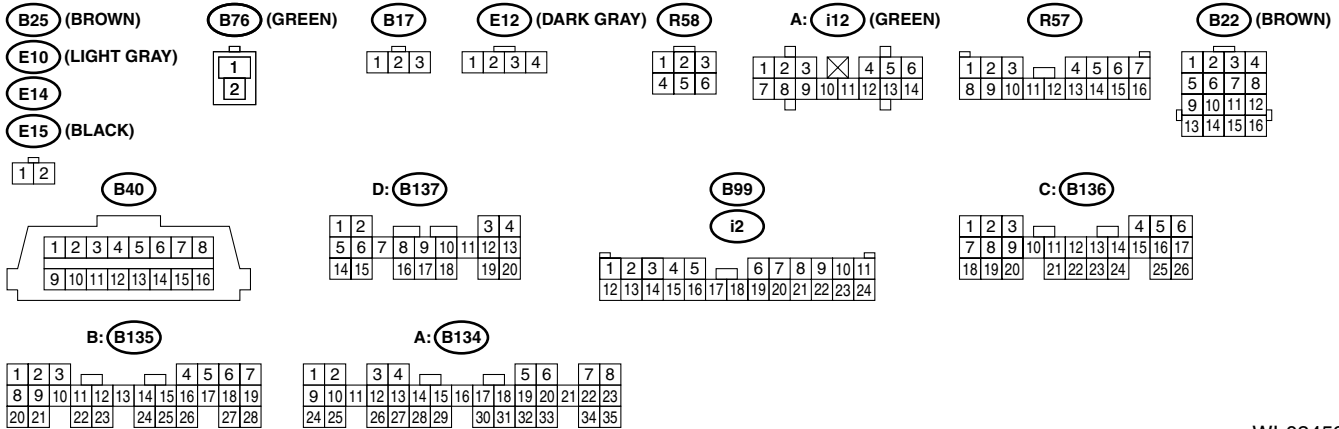
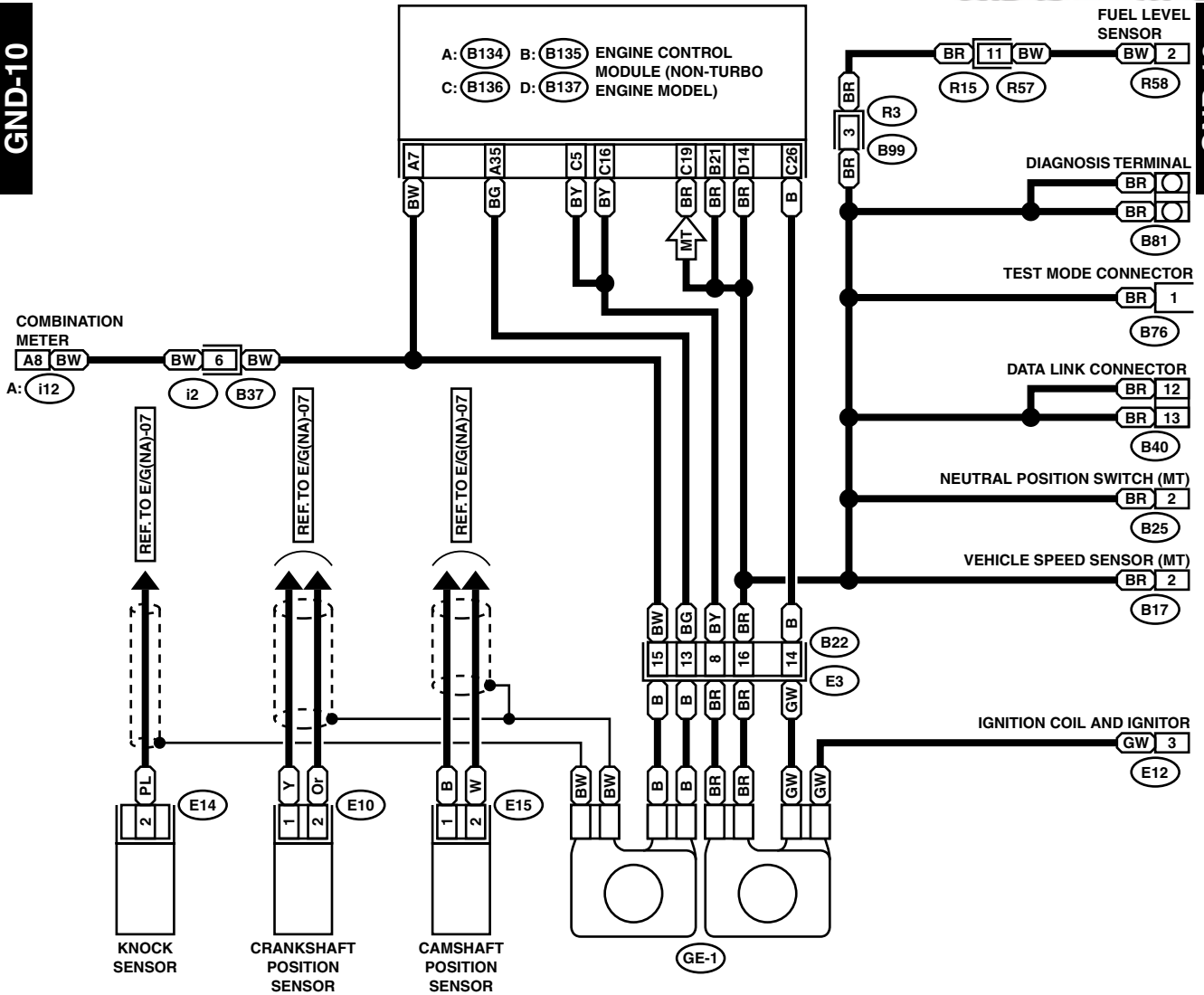
WI-02451

GROUND DISTRIBUTION

WIRING SYSTEM

GND-10

GND-10



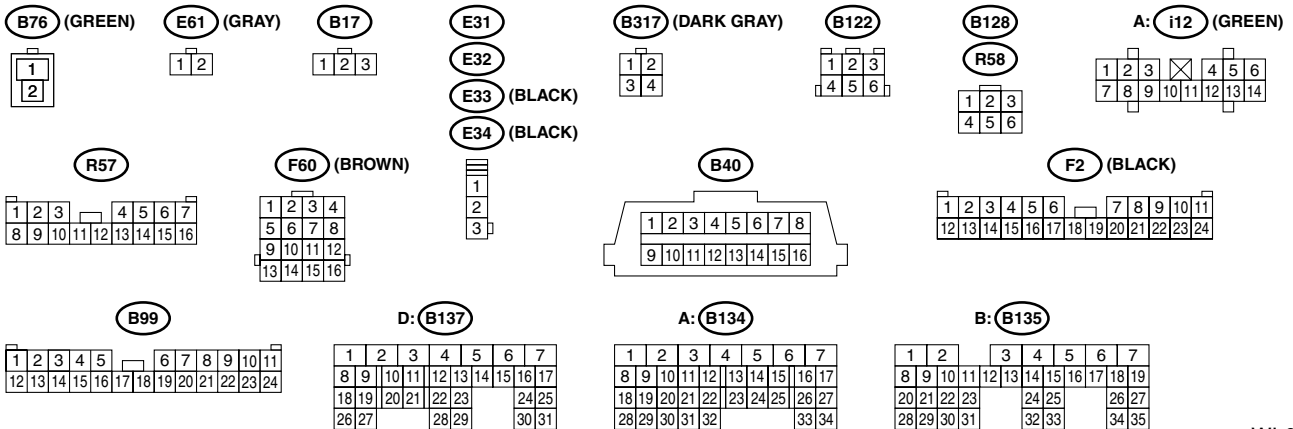
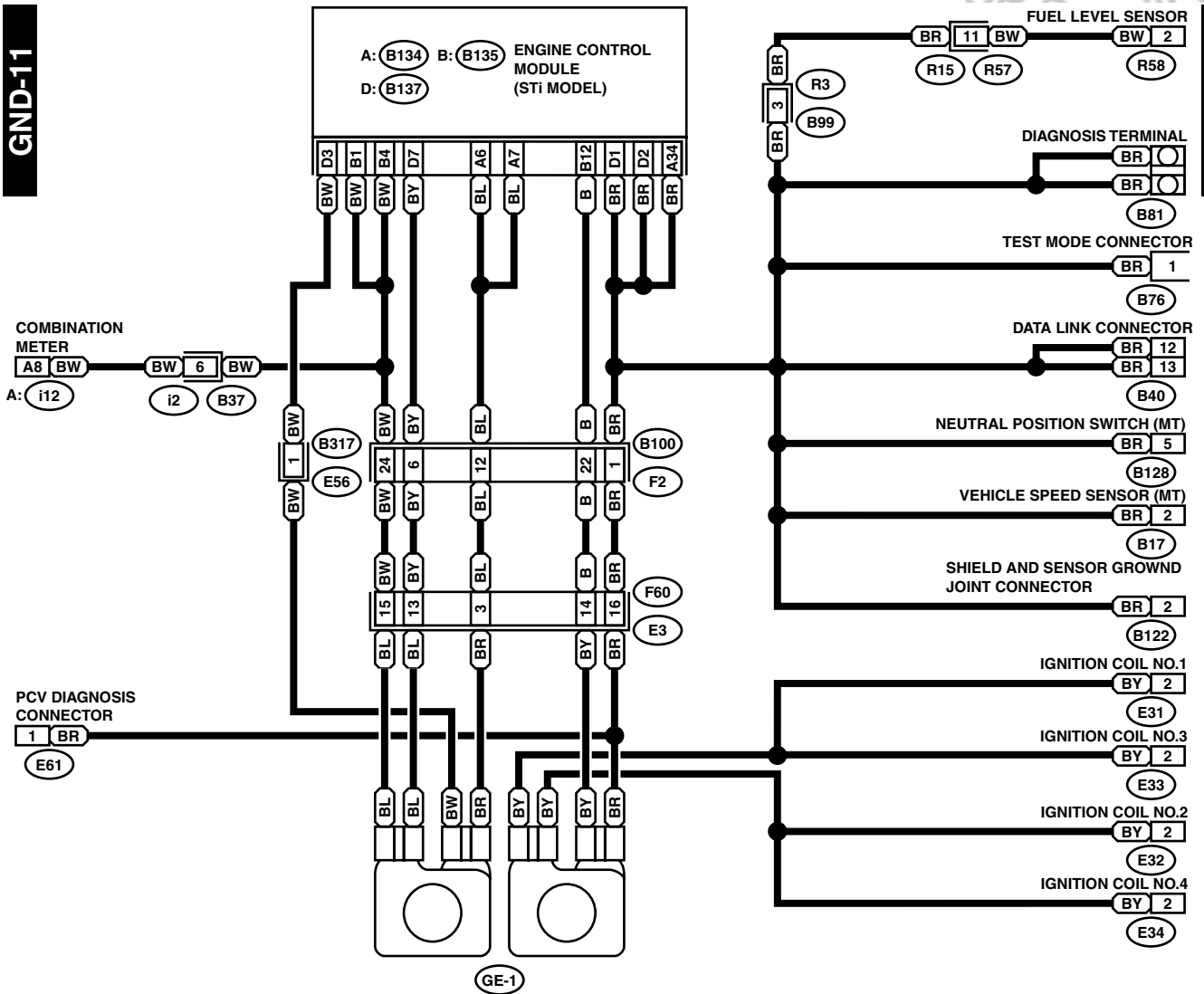
WI-02452

GROUND DISTRIBUTION

WIRING SYSTEM

GND-11

GND-11



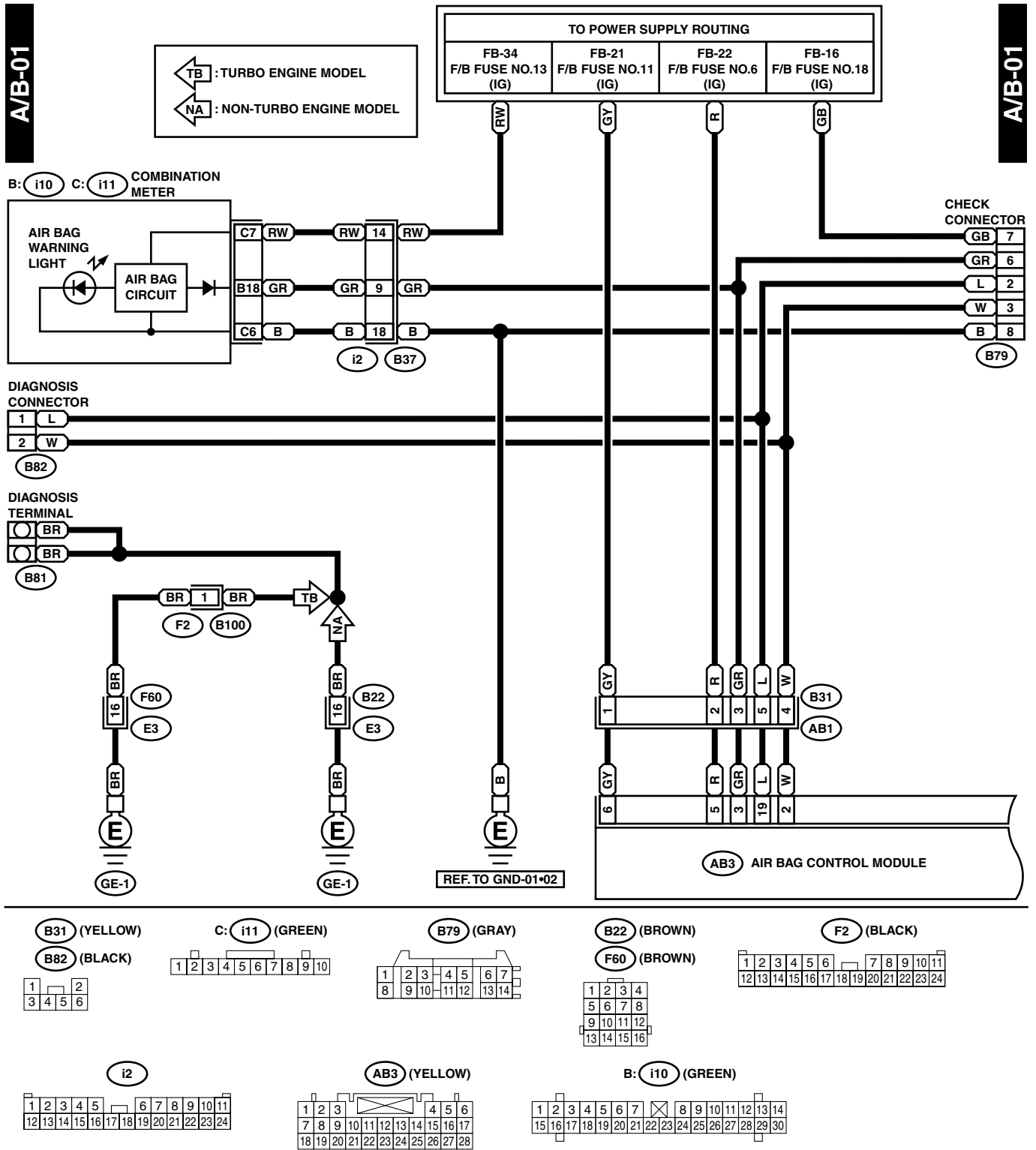
WI-02798

AIRBAG SYSTEM

WIRING SYSTEM

5. Airbag System

A: SCHEMATIC



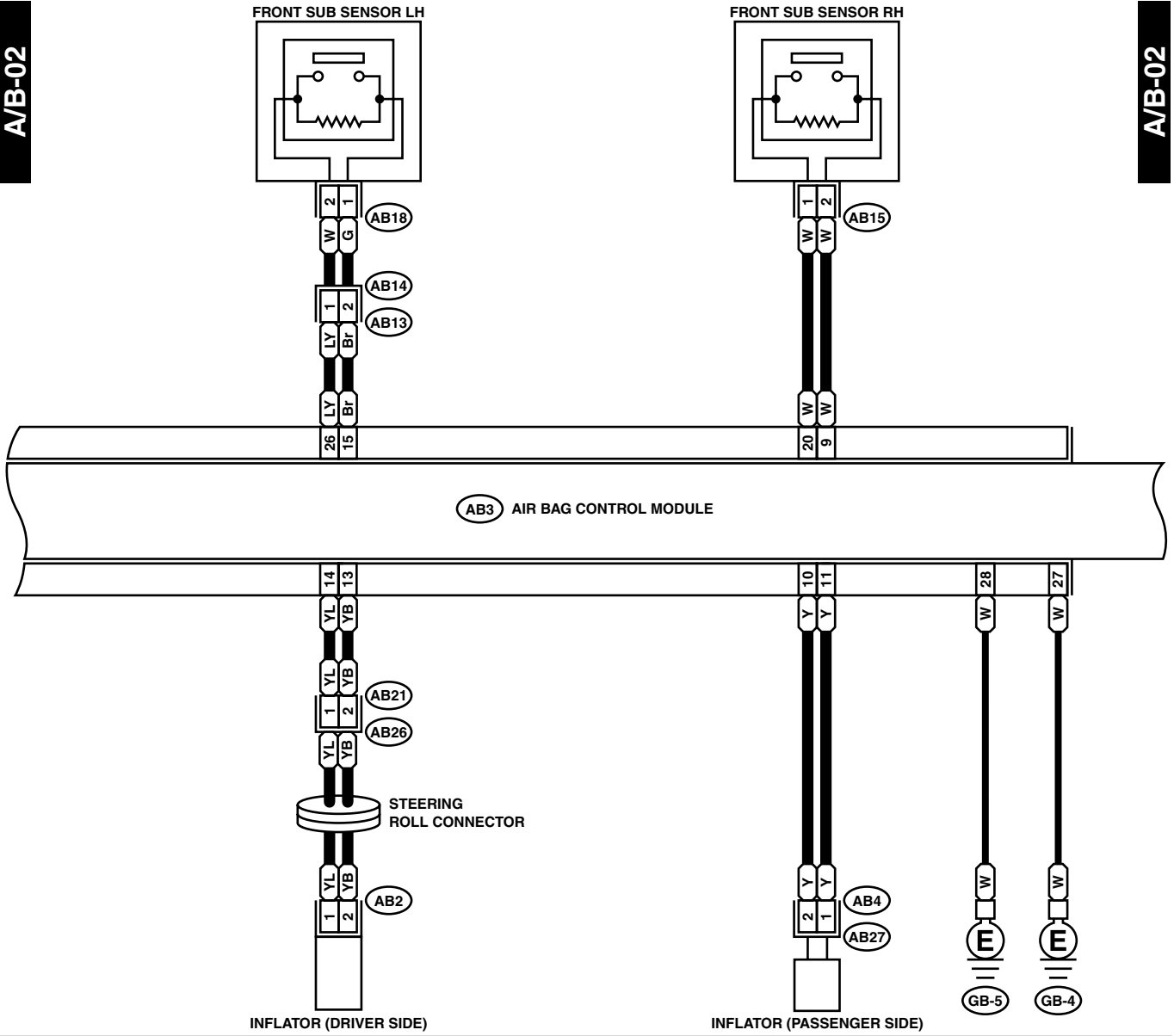
WI-02453

AIRBAG SYSTEM

WIRING SYSTEM

A/B-02

A/B-02



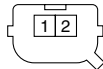
(YELLOW) AB2 AB13 (YELLOW)

(YELLOW) AB4 AB21 (YELLOW)

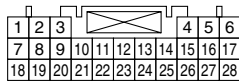


AB15 (YELLOW)

AB18 (YELLOW)



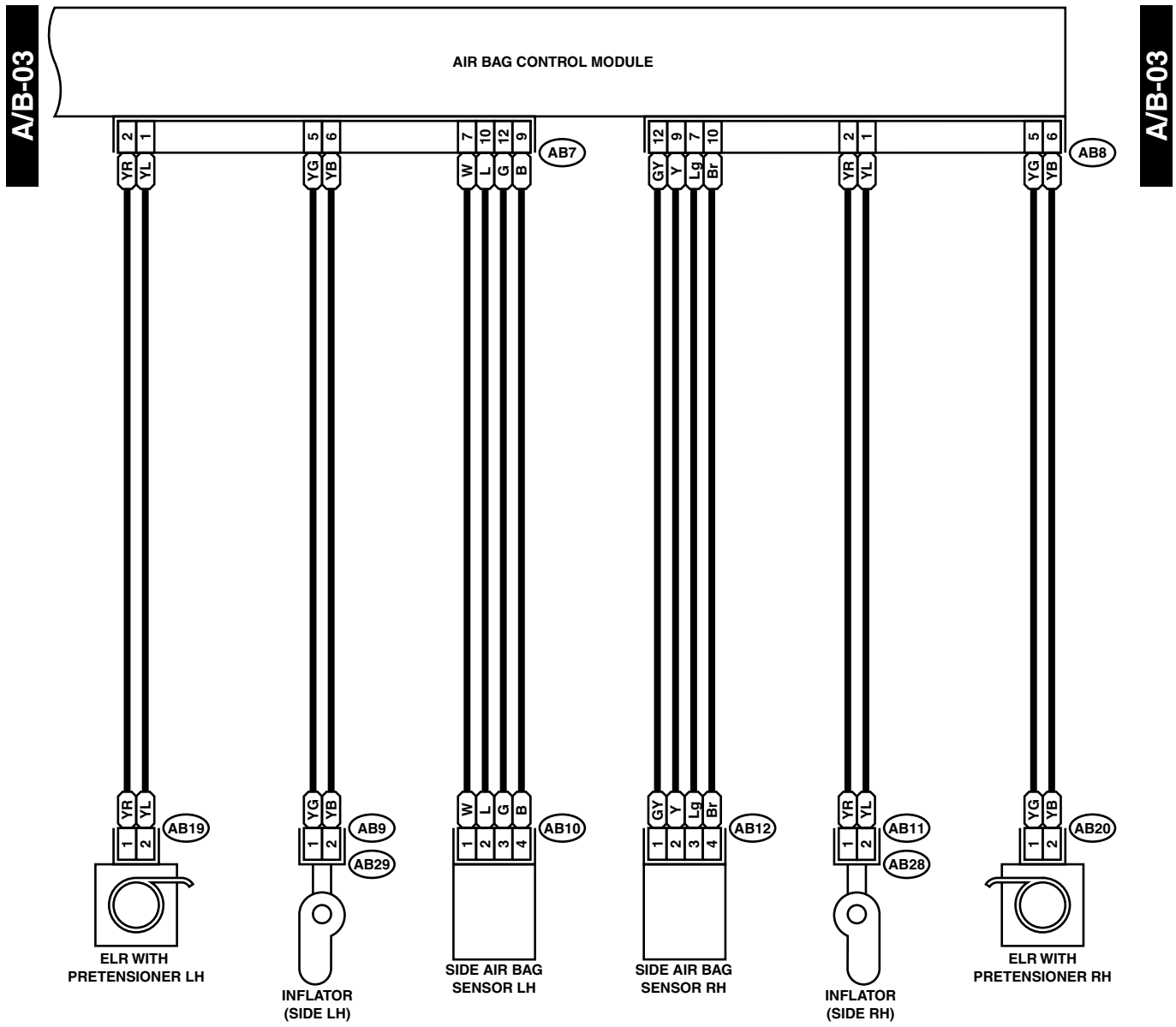
AB3 (YELLOW)



WI-02772

AIRBAG SYSTEM

WIRING SYSTEM



- AB9 (YELLOW)
 - AB11 (YELLOW)
 - AB19 (BLACK)
 - AB20 (BLACK)
-

- AB10 (YELLOW)
 - AB12 (YELLOW)
-

- AB7 (YELLOW)
-

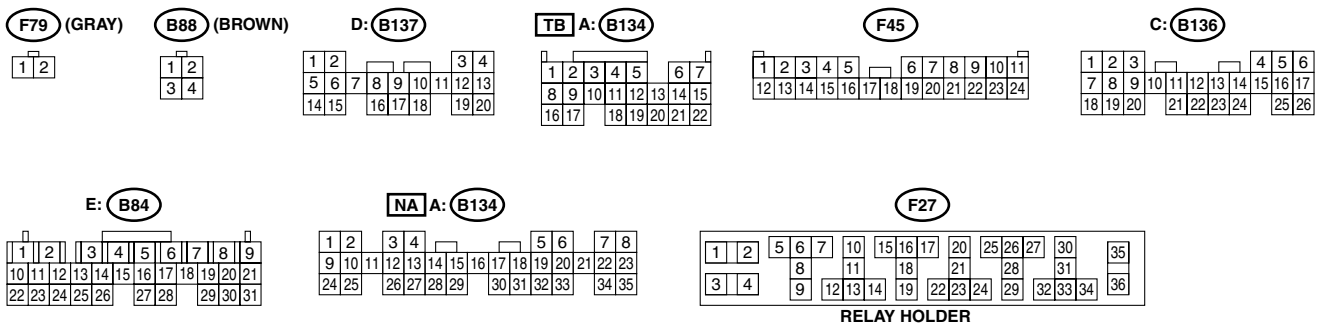
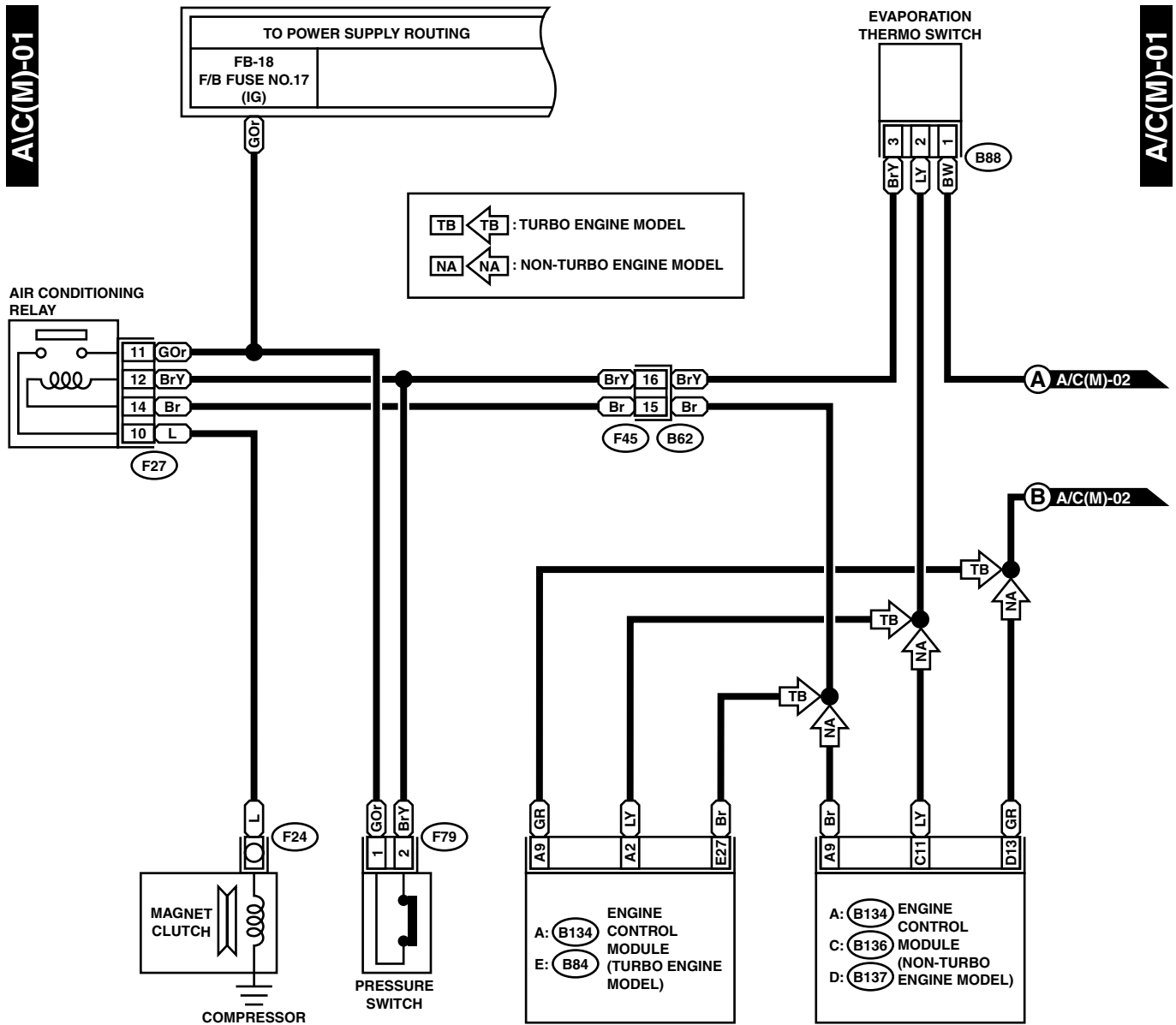
- AB8 (YELLOW)
-

WI-02454

6. Air Conditioning System

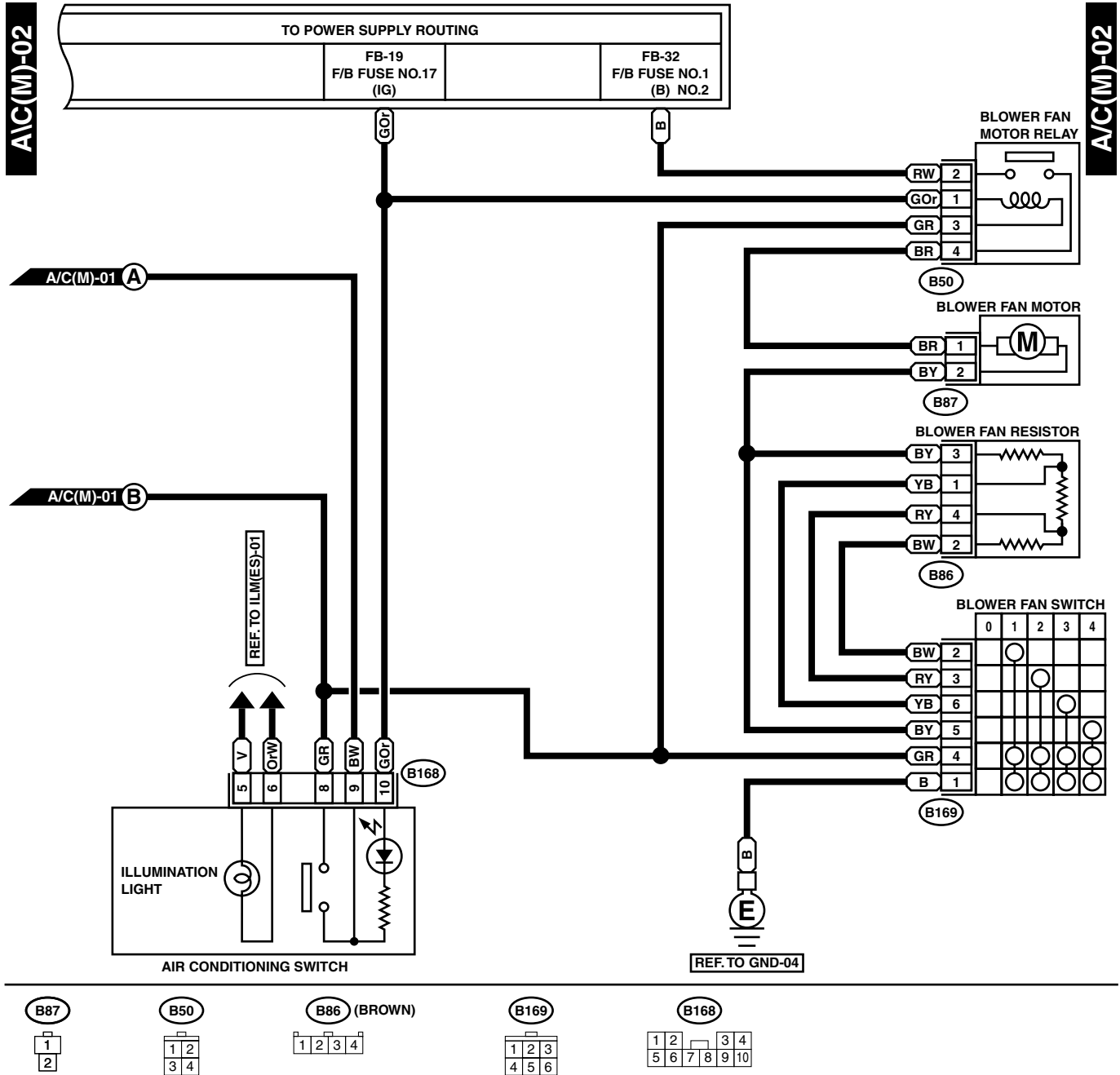
A: SCHEMATIC

1. MANUAL A/C MODEL



AIR CONDITIONING SYSTEM

WIRING SYSTEM



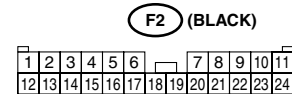
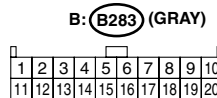
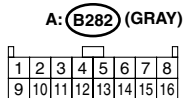
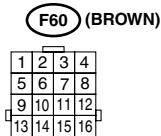
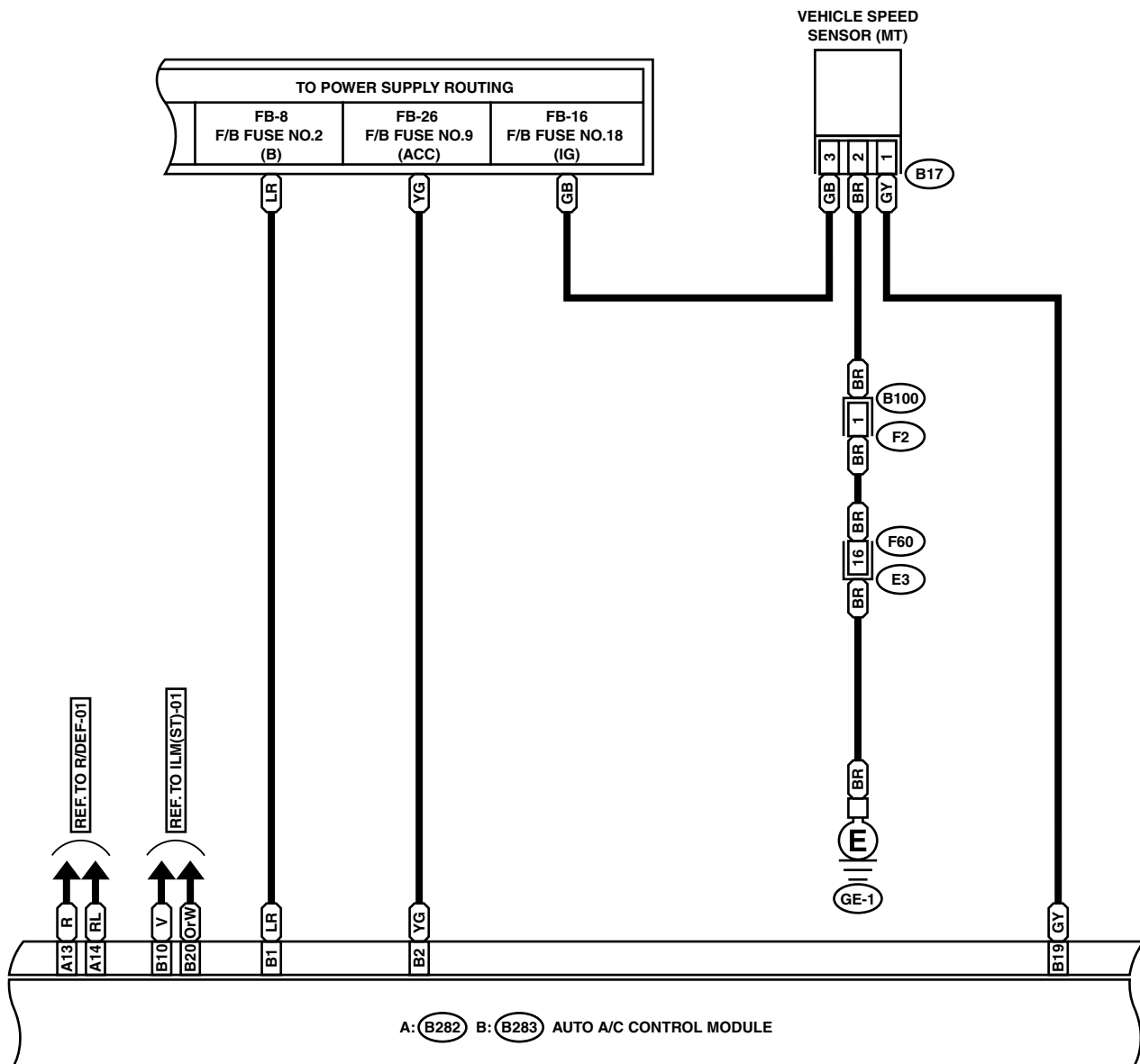
WI-02778

AIR CONDITIONING SYSTEM

WIRING SYSTEM

A/C(A)-02

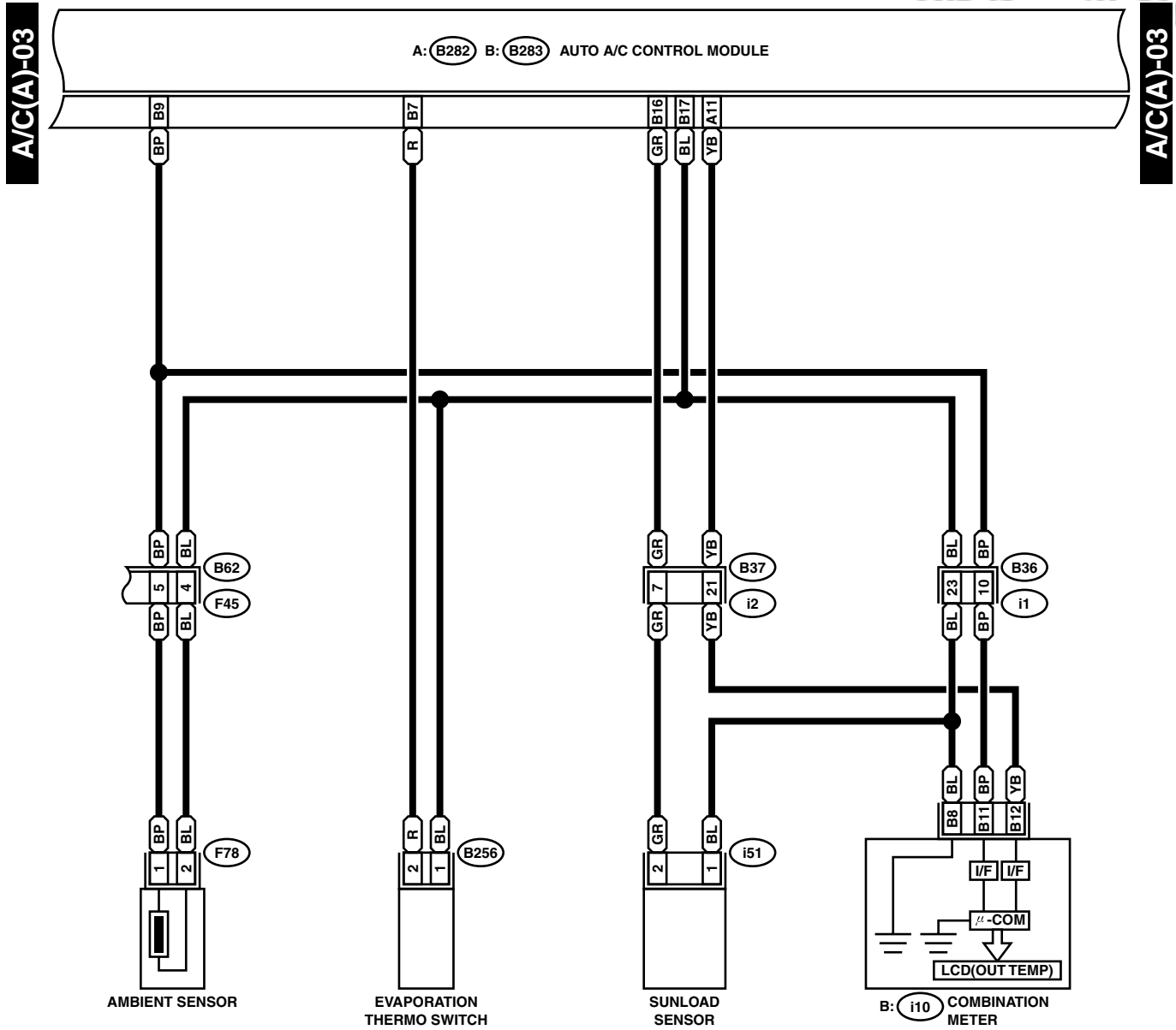
A/C(A)-02



WI-02789

AIR CONDITIONING SYSTEM

WIRING SYSTEM



B256

F78 (BLACK)

i51

1 2

A: (B282) (GRAY)

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

B: (B283) (GRAY)

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

F45

i2

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

i1 (BROWN)

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

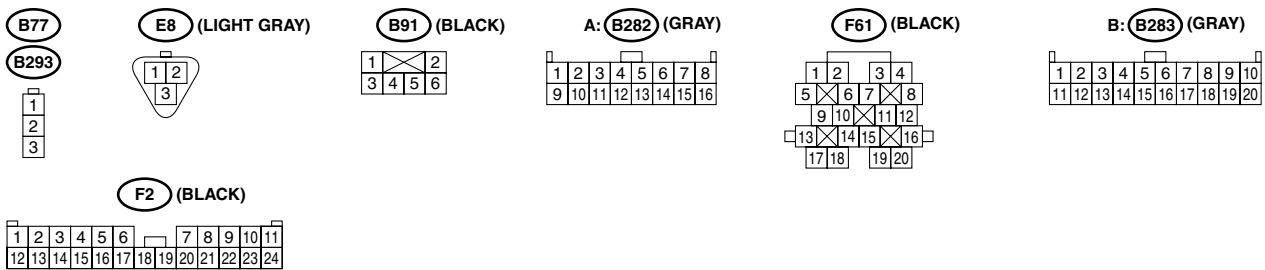
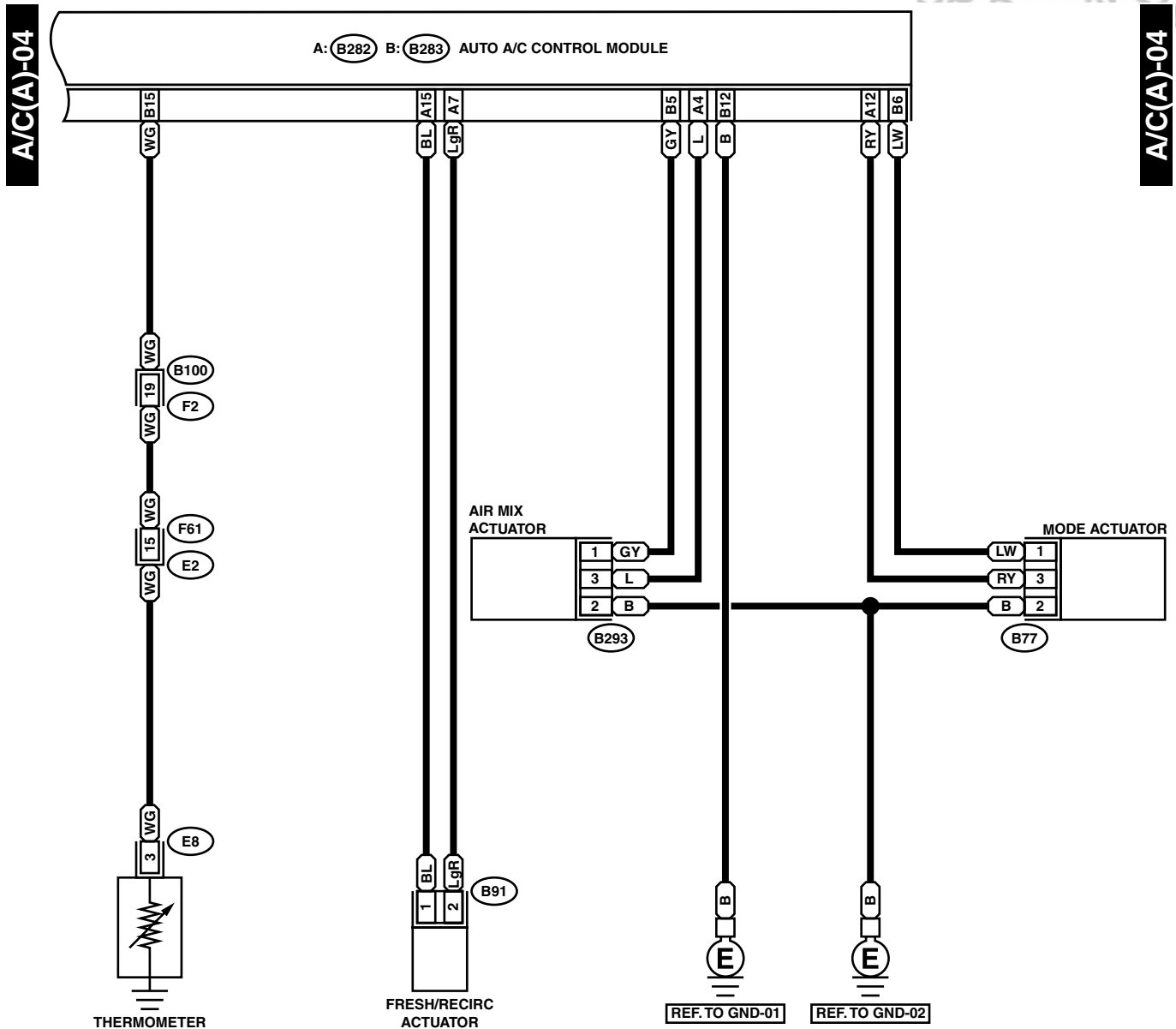
B: i10 (GREEN)

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

WI-02790

AIR CONDITIONING SYSTEM

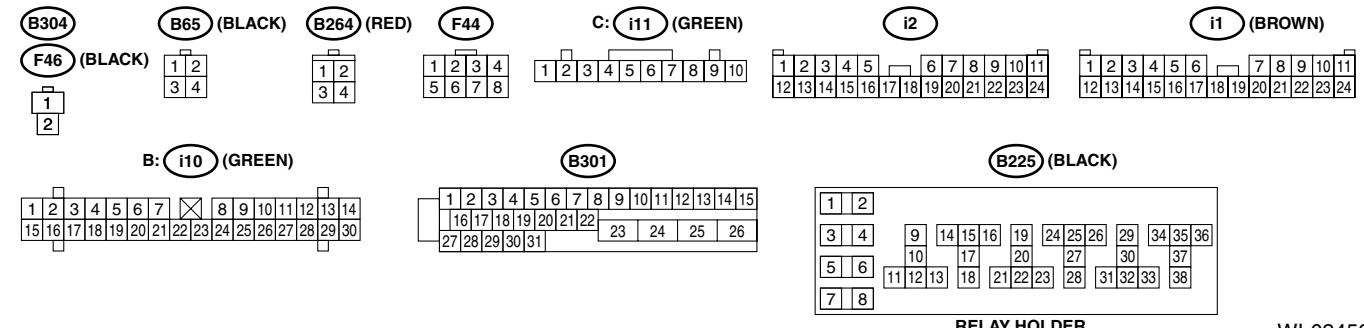
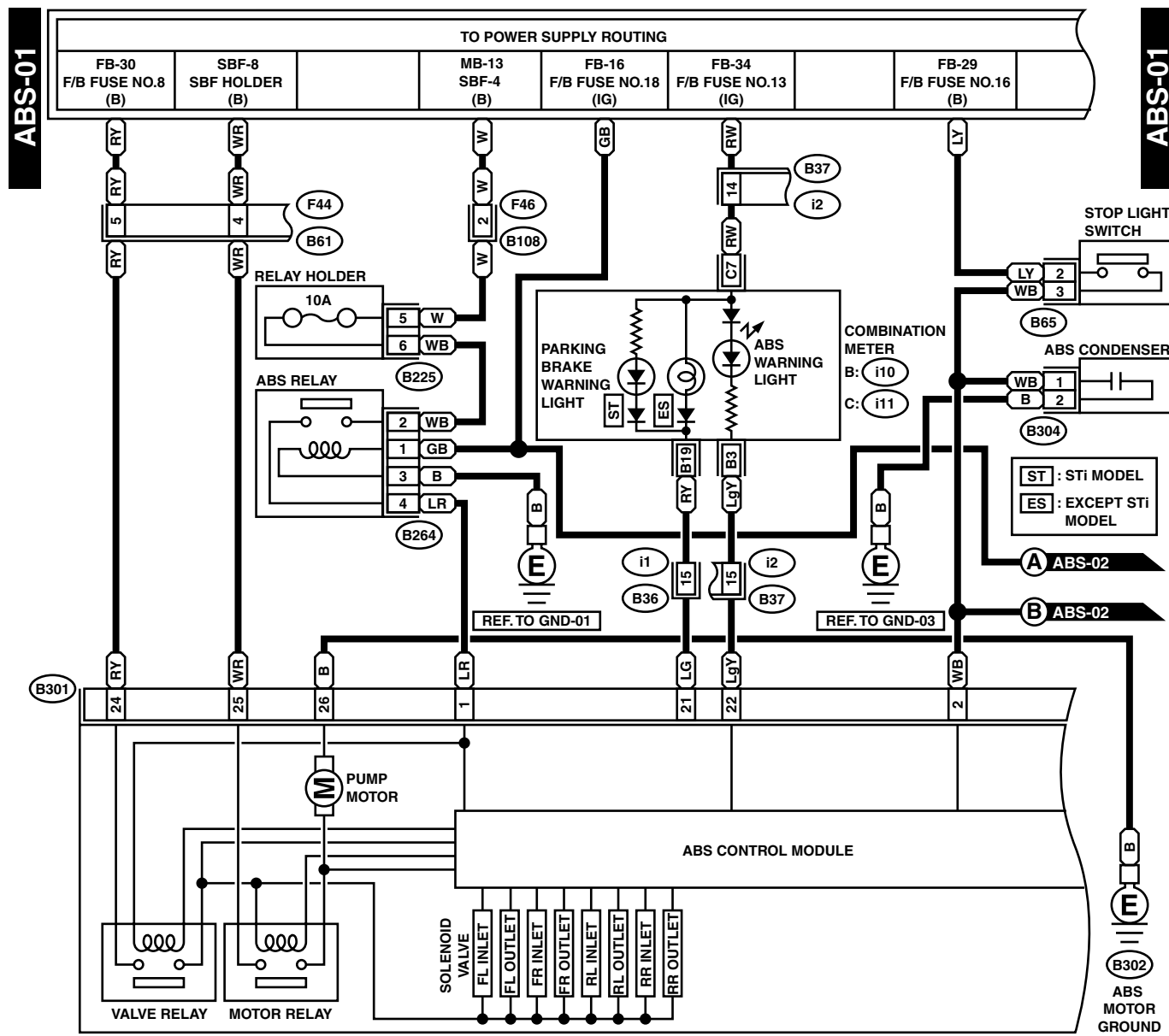
WIRING SYSTEM



WI-02791

7. Anti-lock Brake System

A: SCHEMATIC

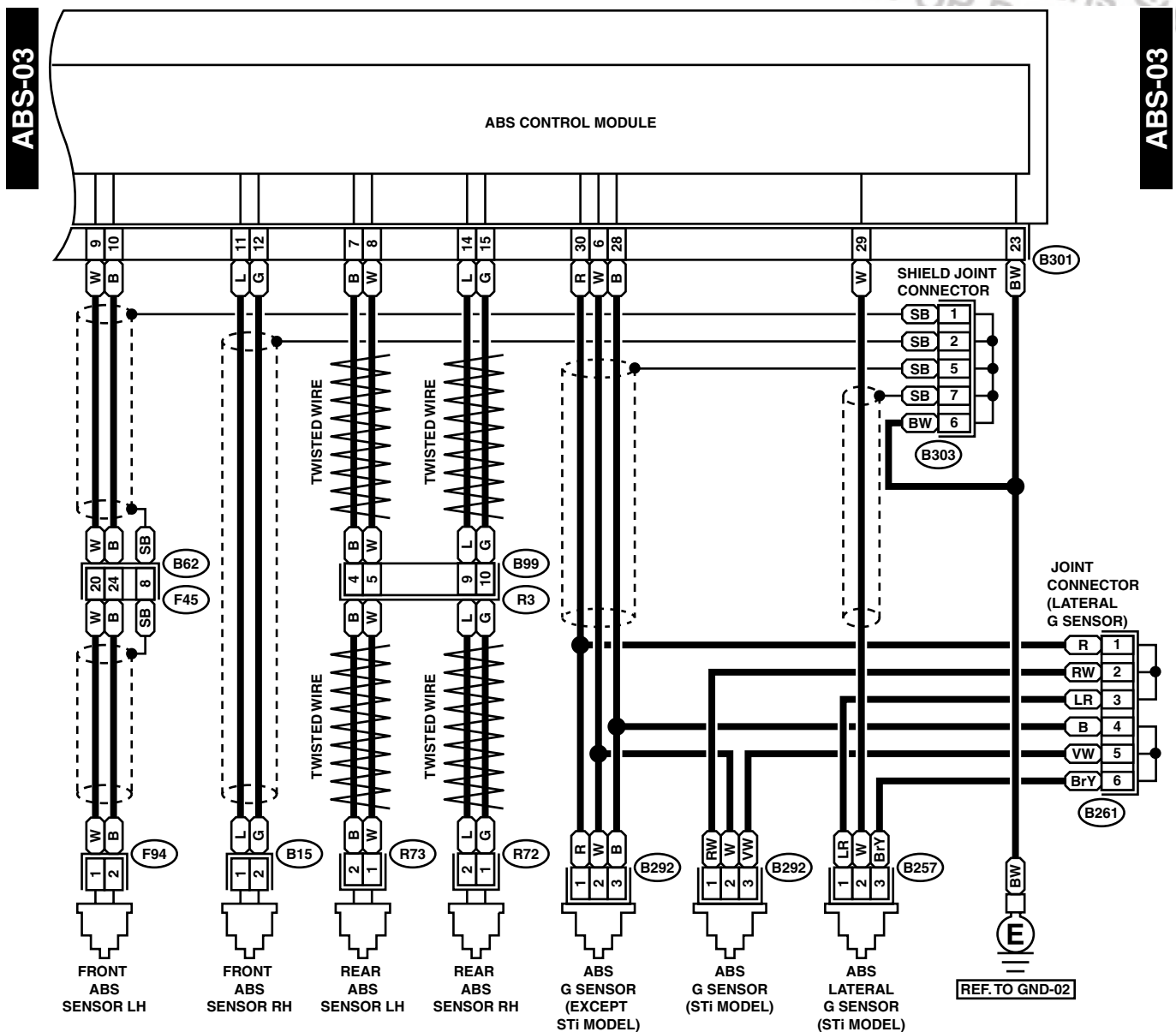


RELAY HOLDER

WI-02456

ANTI-LOCK BRAKE SYSTEM

WIRING SYSTEM



B15 (GRAY)

R72

B257

B261

B303 (GRAY)

B99

F94 (GRAY)

R73

B292

1	2	3	4	5	6
---	---	---	---	---	---

1	2	3	4
5	6	7	8

F45

2	1
---	---

1	2
---	---

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

B301

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

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

WI-02799

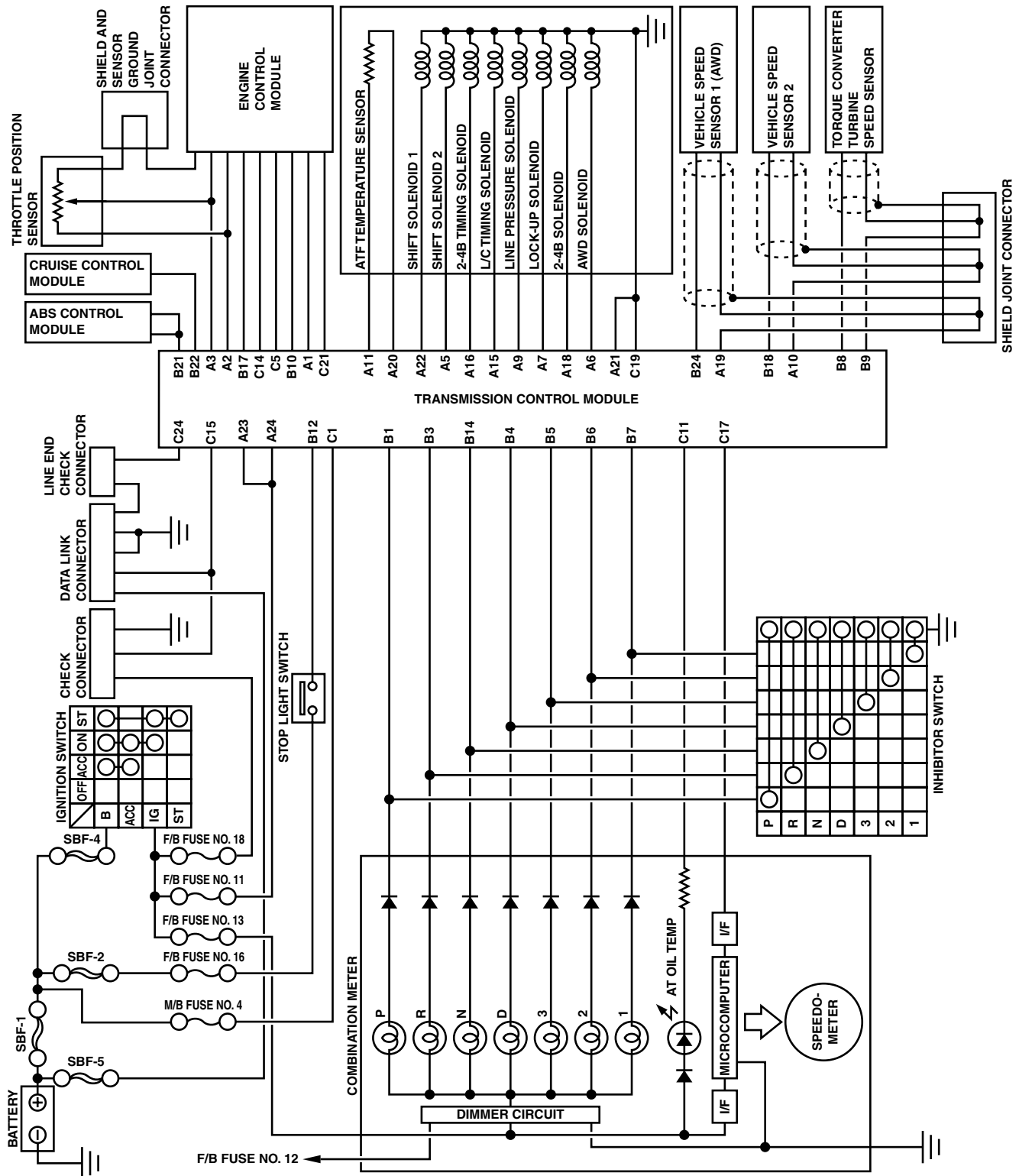
AT CONTROL SYSTEM

WIRING SYSTEM

8. AT Control System

A: SCHEMATIC

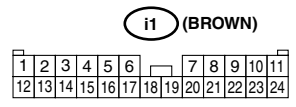
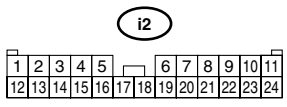
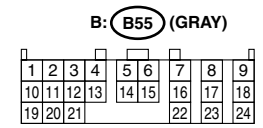
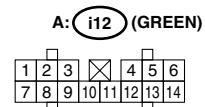
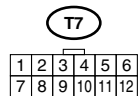
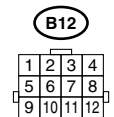
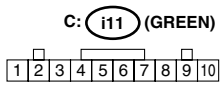
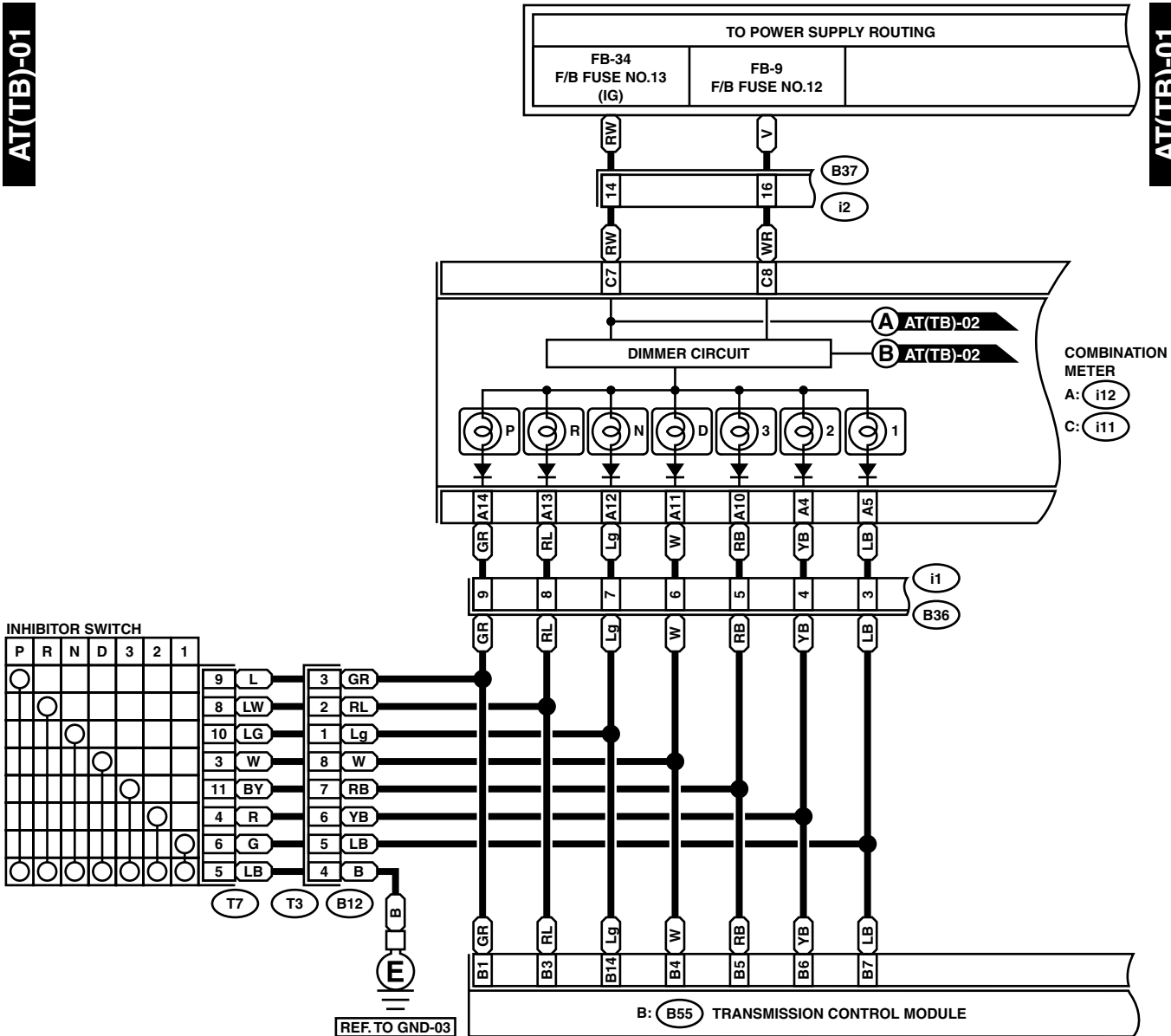
1. TURBO MODEL



WI-02574

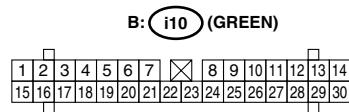
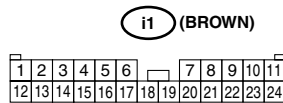
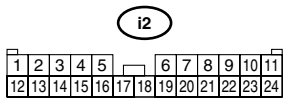
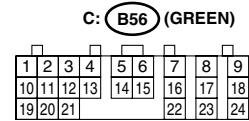
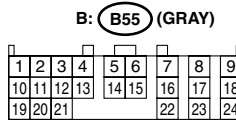
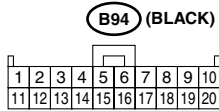
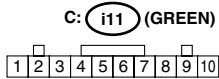
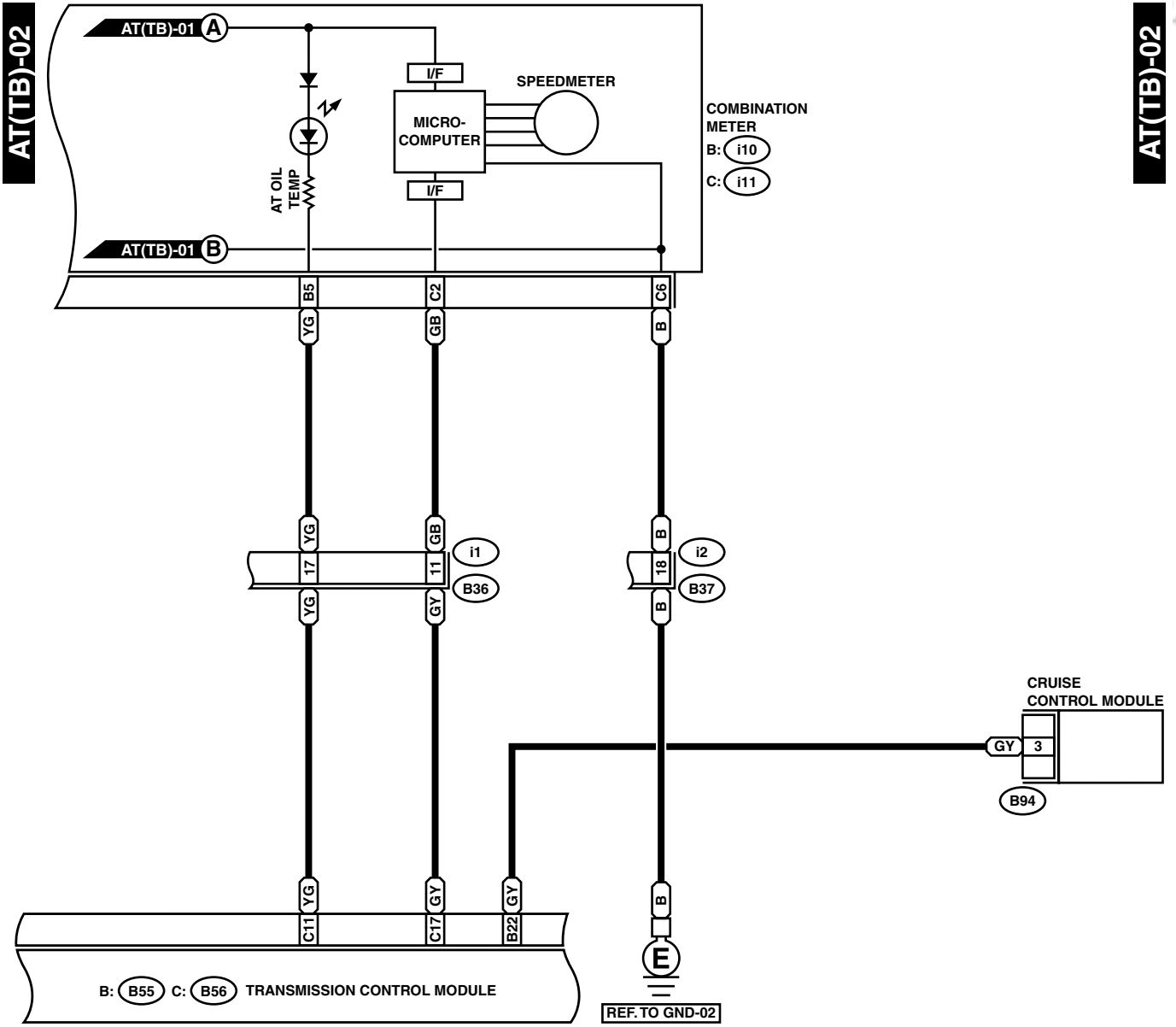
AT(TB)-01

AT(TB)-01



AT CONTROL SYSTEM

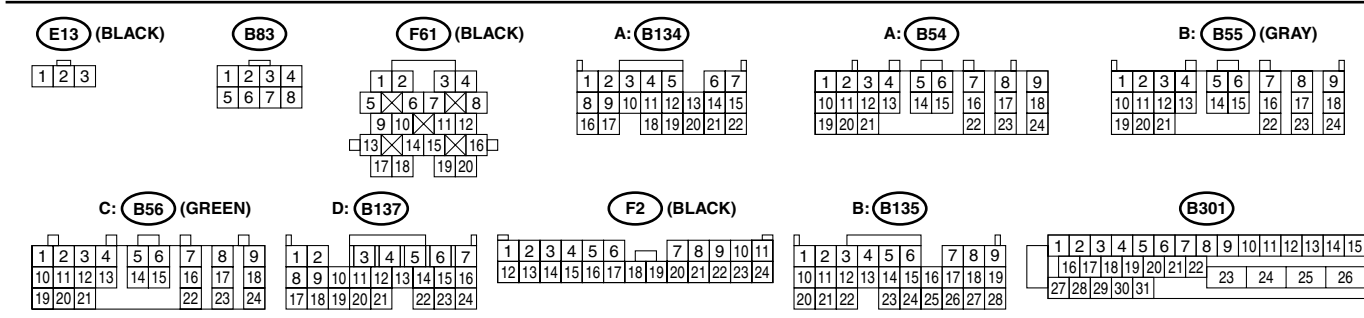
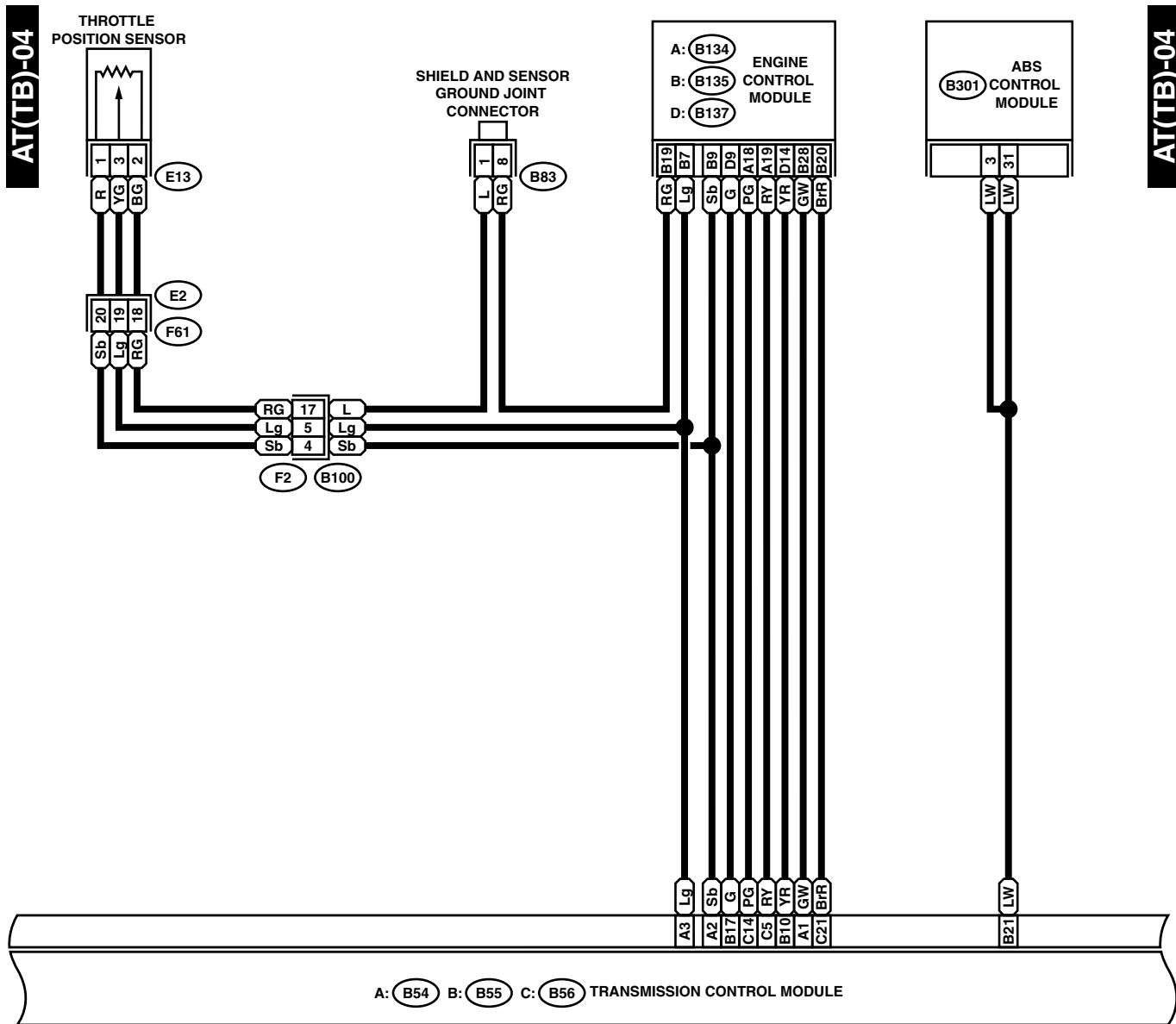
WIRING SYSTEM



WI-02460

AT CONTROL SYSTEM

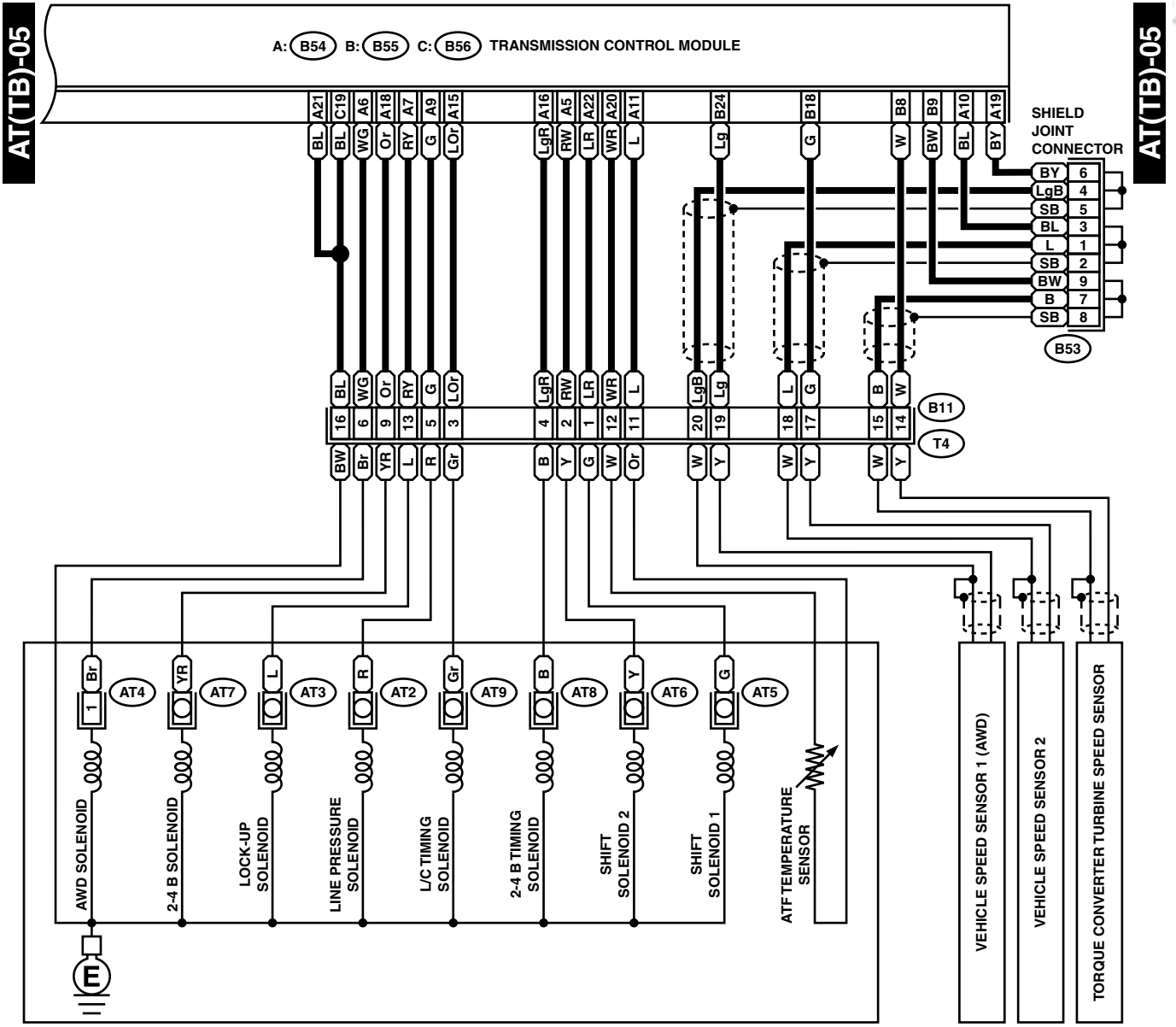
WIRING SYSTEM



WI-02462

AT CONTROL SYSTEM

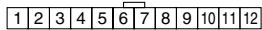
WIRING SYSTEM



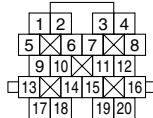
AT4 (BROWN)



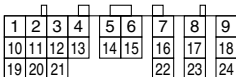
B53 (BLACK)



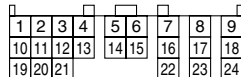
B11 (BLACK)



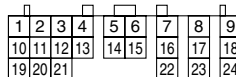
A: B54



B: B55 (GRAY)



C: B56 (GREEN)

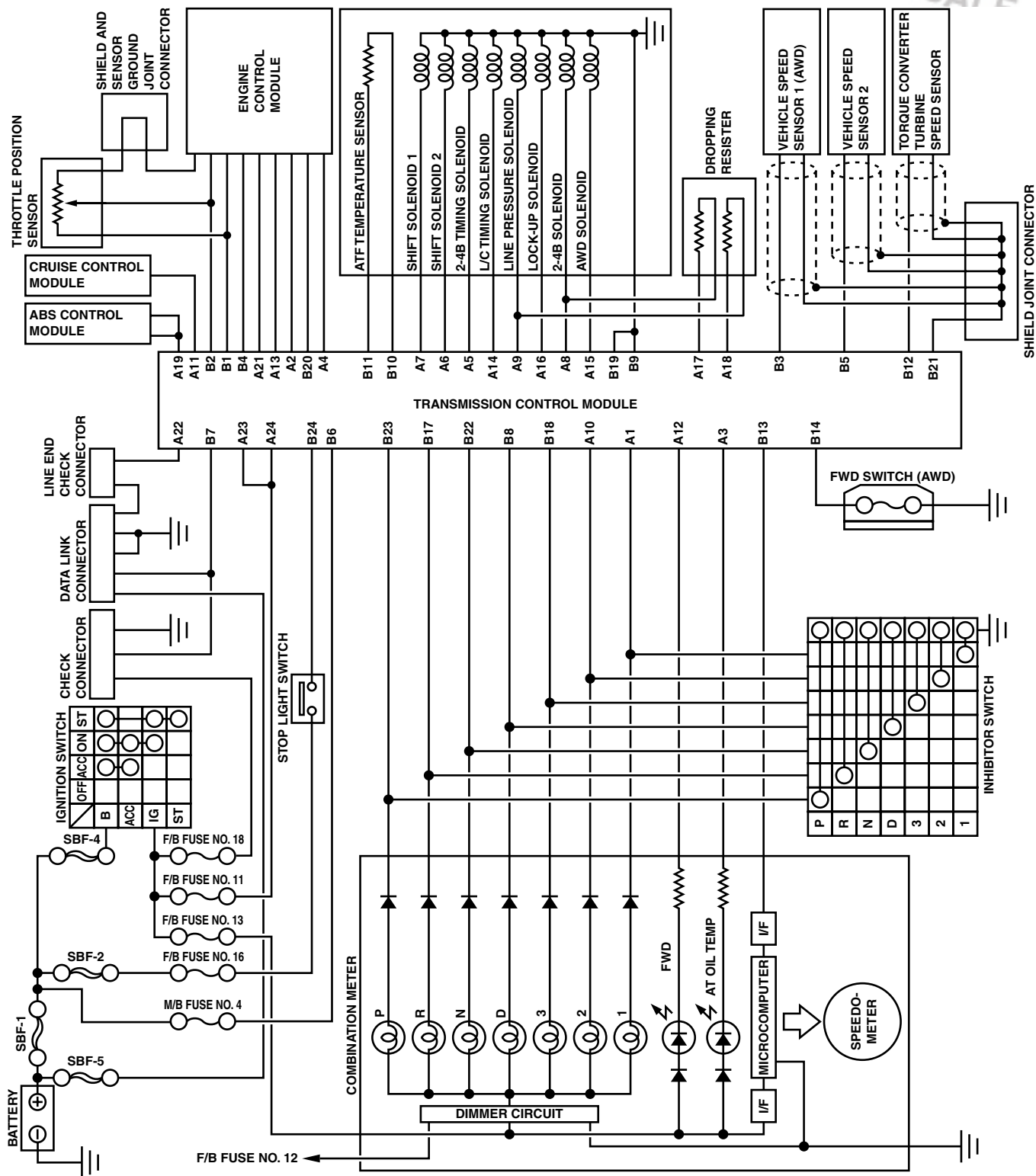


WI-02171

AT CONTROL SYSTEM

WIRING SYSTEM

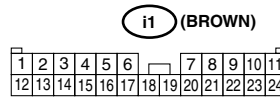
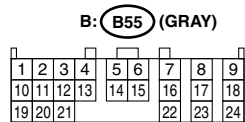
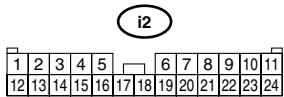
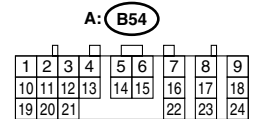
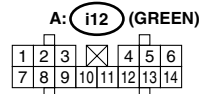
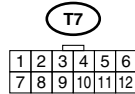
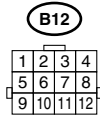
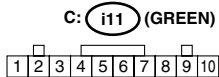
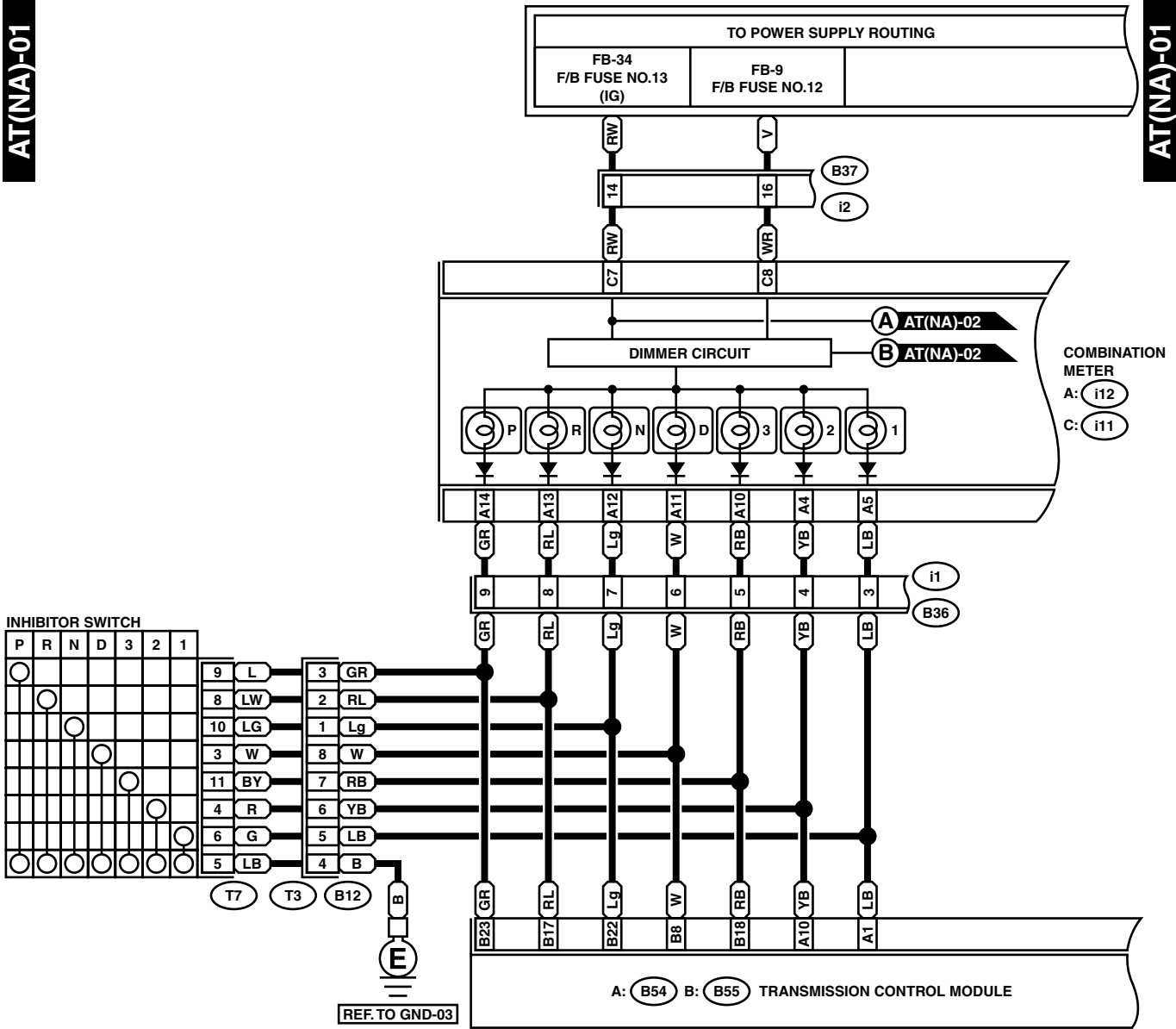
2. NON-TURBO MODEL



WI-02575

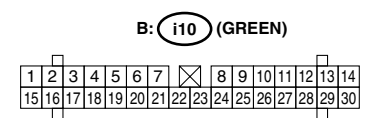
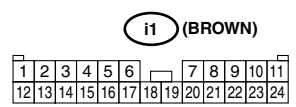
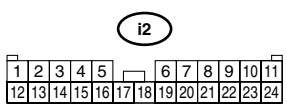
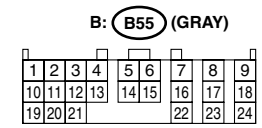
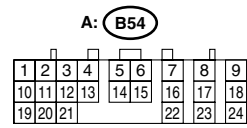
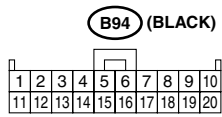
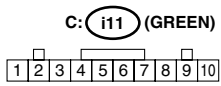
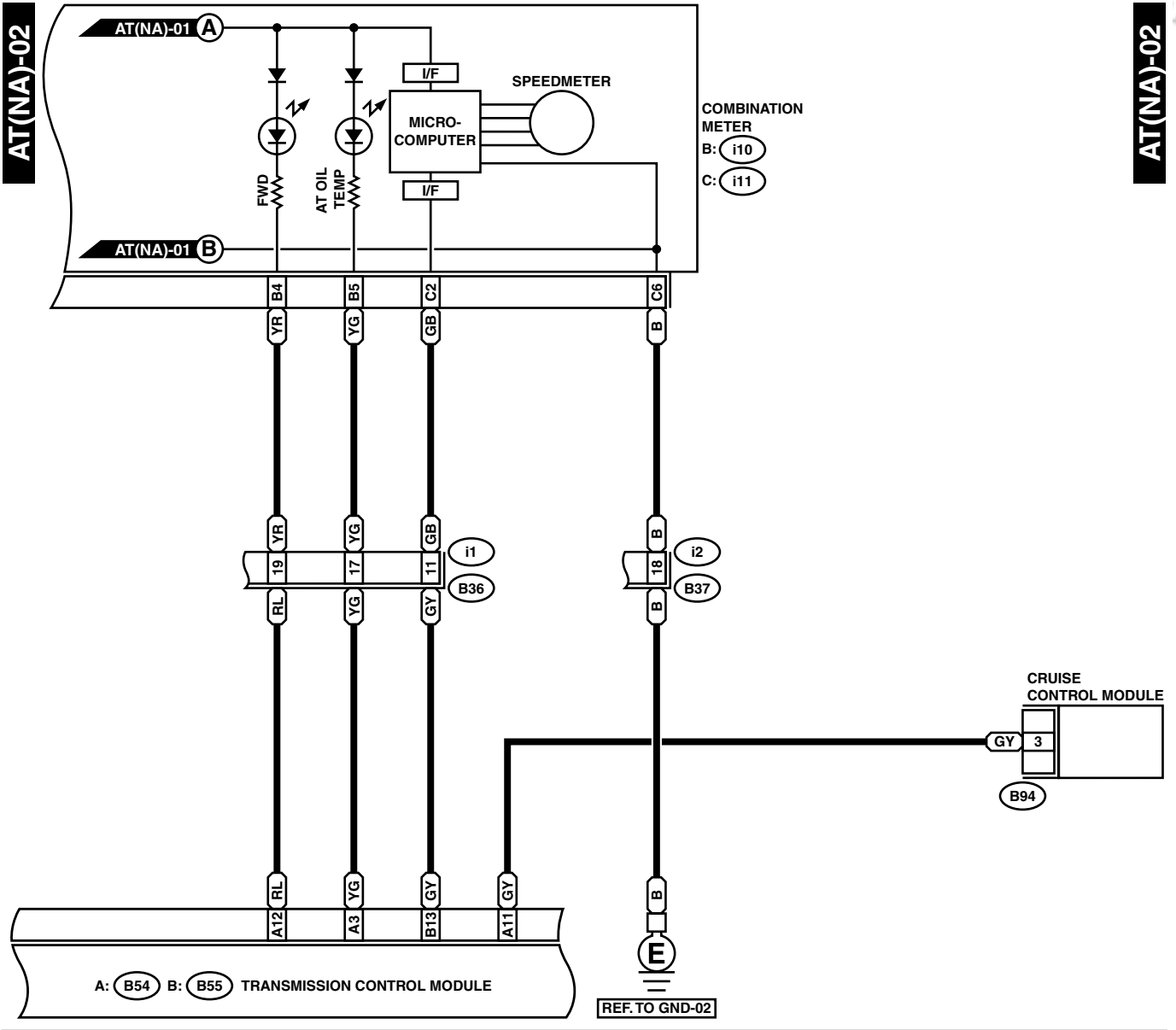
AT(NA)-01

AT(NA)-01



AT CONTROL SYSTEM

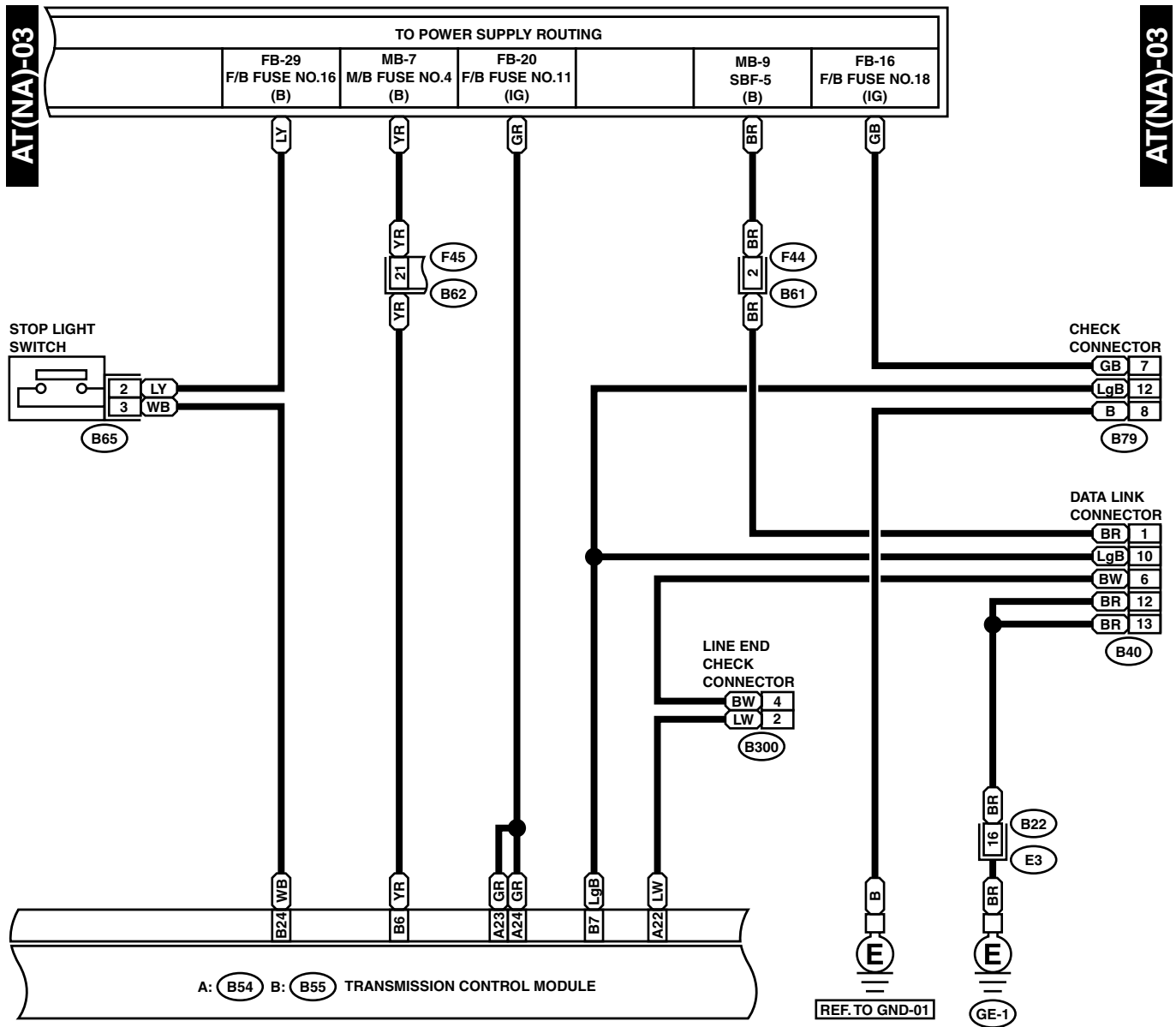
WIRING SYSTEM



WI-02464

AT CONTROL SYSTEM

WIRING SYSTEM



B65 (BLACK)



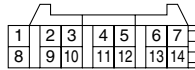
B300



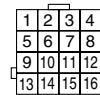
F44



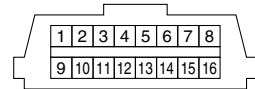
B79 (GRAY)



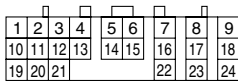
B22 (BROWN)



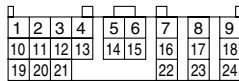
B40



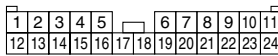
A: B54



B: B55 (GRAY)



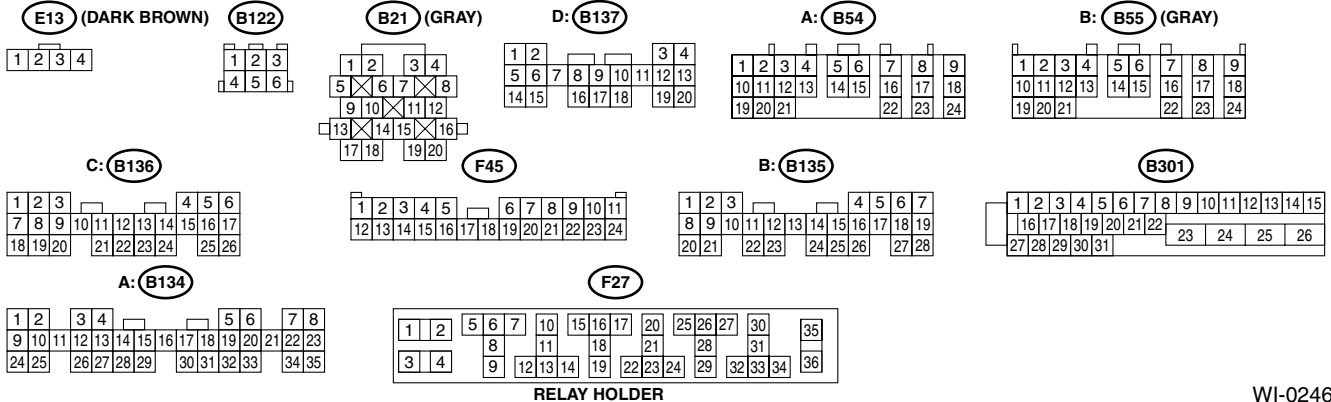
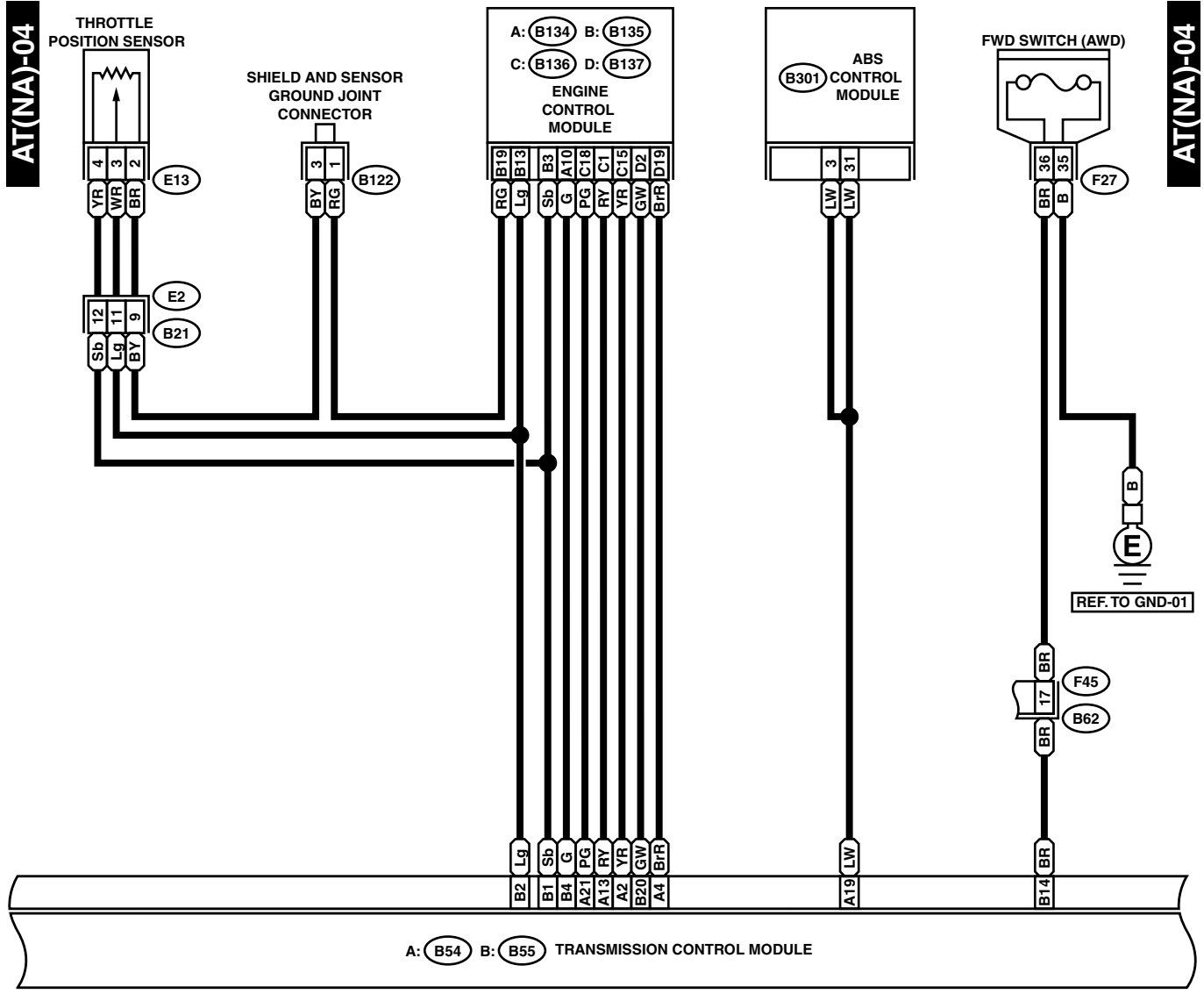
F45



WI-02465

AT CONTROL SYSTEM

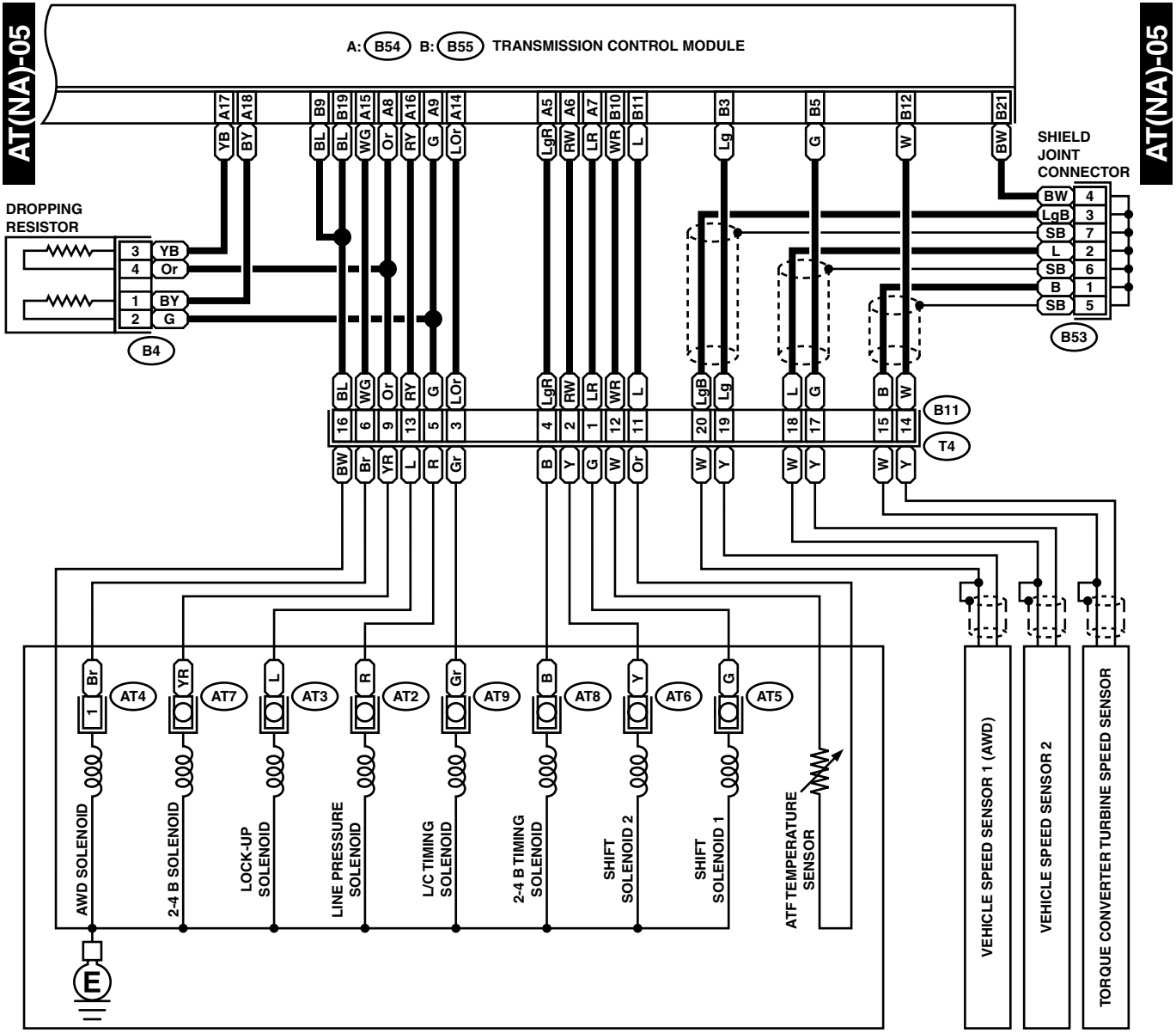
WIRING SYSTEM



WI-02466

AT CONTROL SYSTEM

WIRING SYSTEM



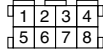
AT4 (BROWN)



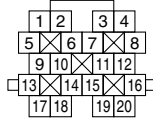
B4 (GRAY)



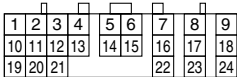
B53



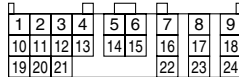
B11 (BLACK)



A: B54



B: B55 (GRAY)



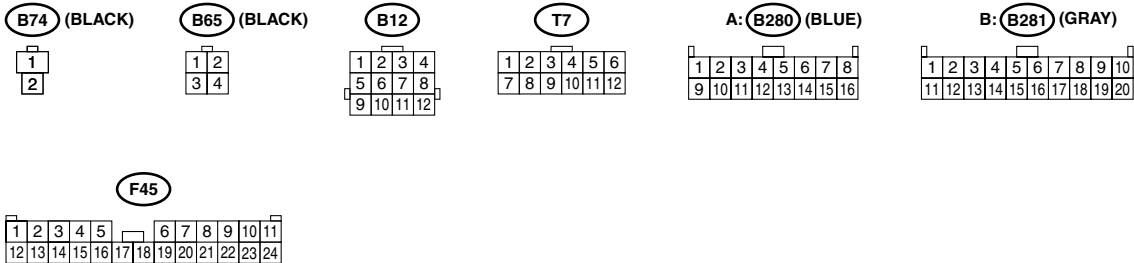
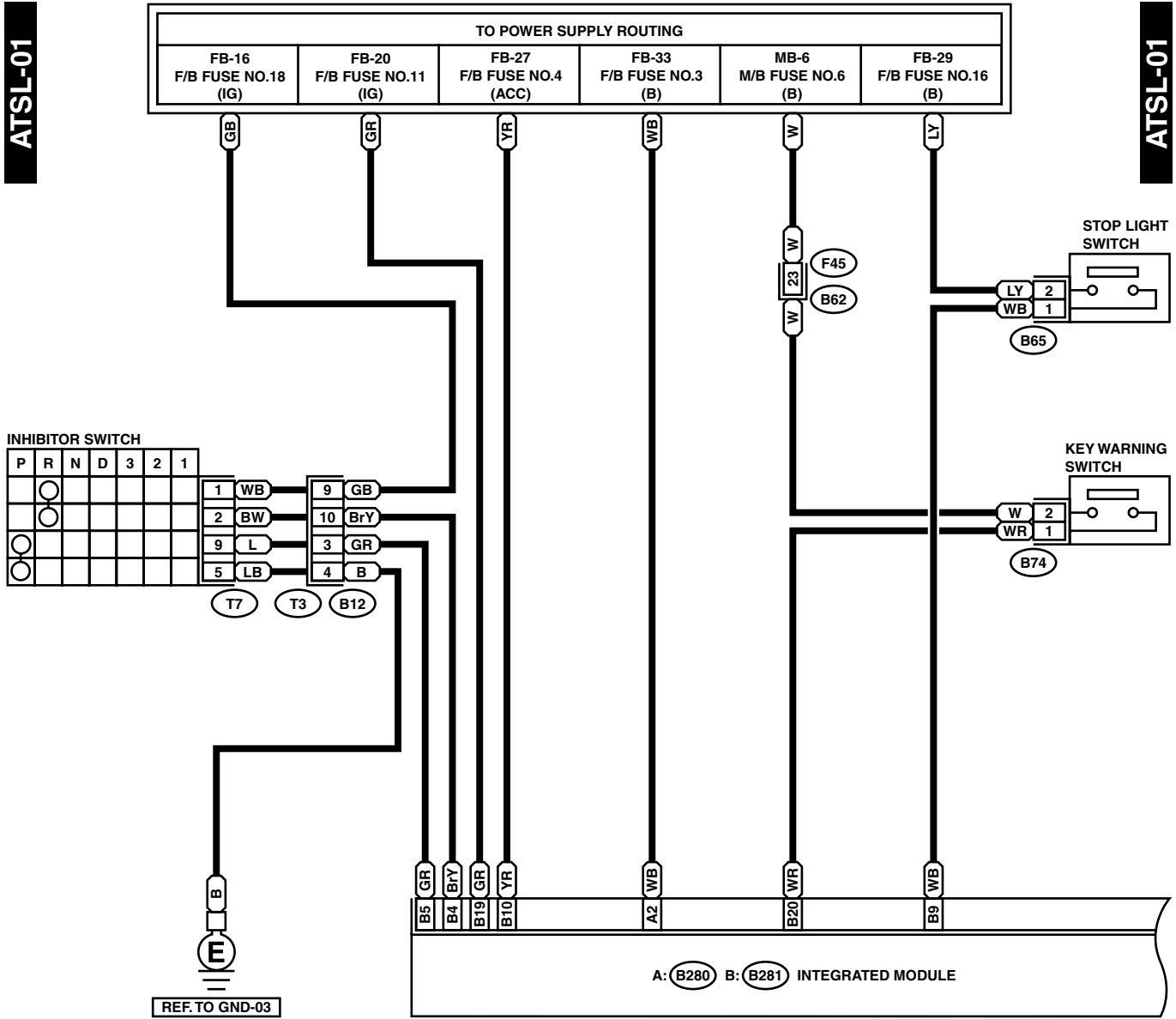
WI-01117

AT SHIFT LOCK CONTROL SYSTEM

WIRING SYSTEM

9. AT Shift Lock Control System

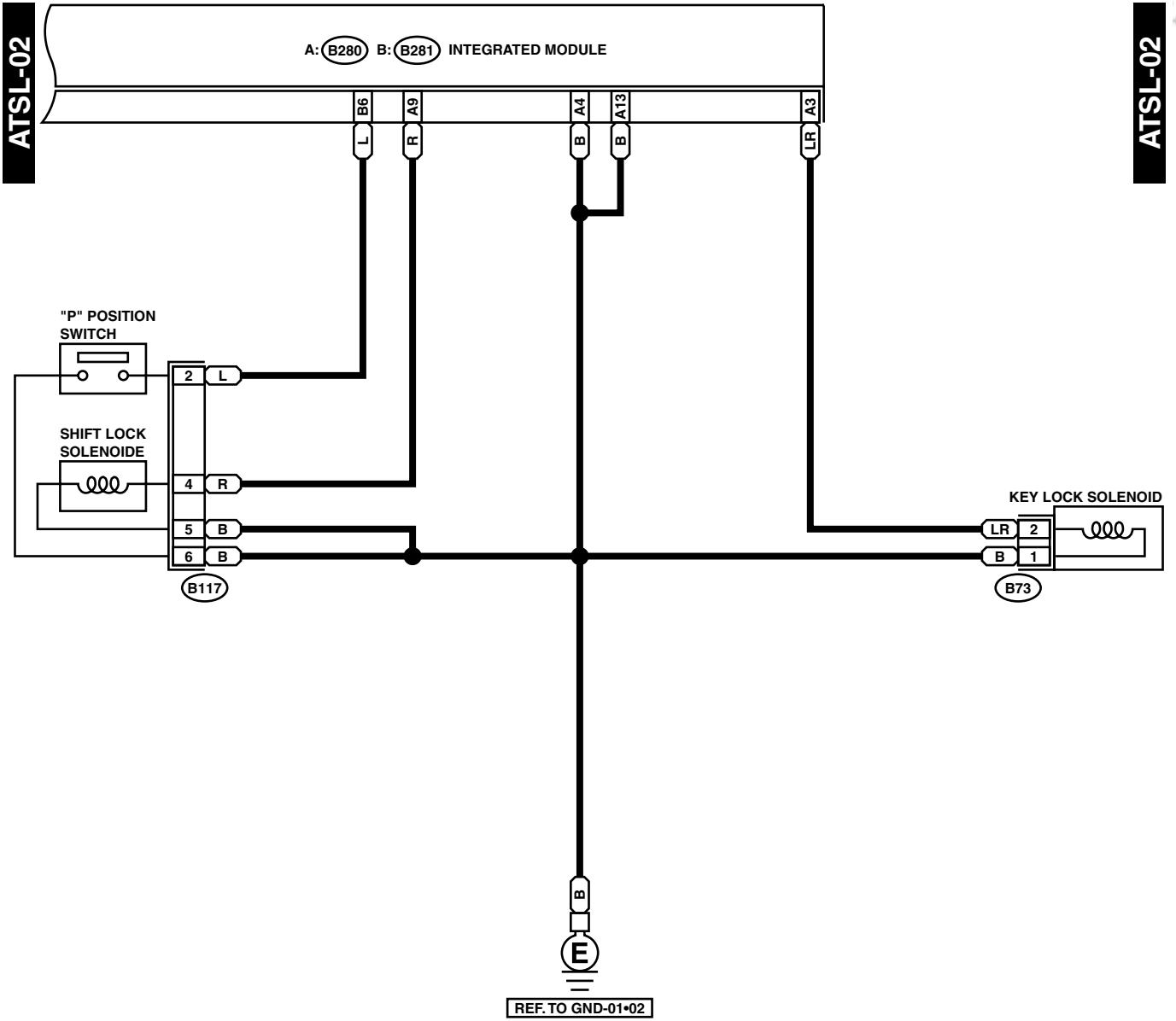
A: SCHEMATIC



WI-02826

AT SHIFT LOCK CONTROL SYSTEM

WIRING SYSTEM



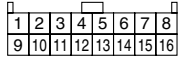
B73



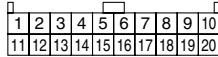
B117



A: (B280) (BLUE)



B: (B281) (GRAY)



WI-02787

AUDIO SYSTEM

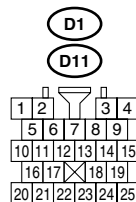
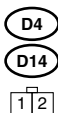
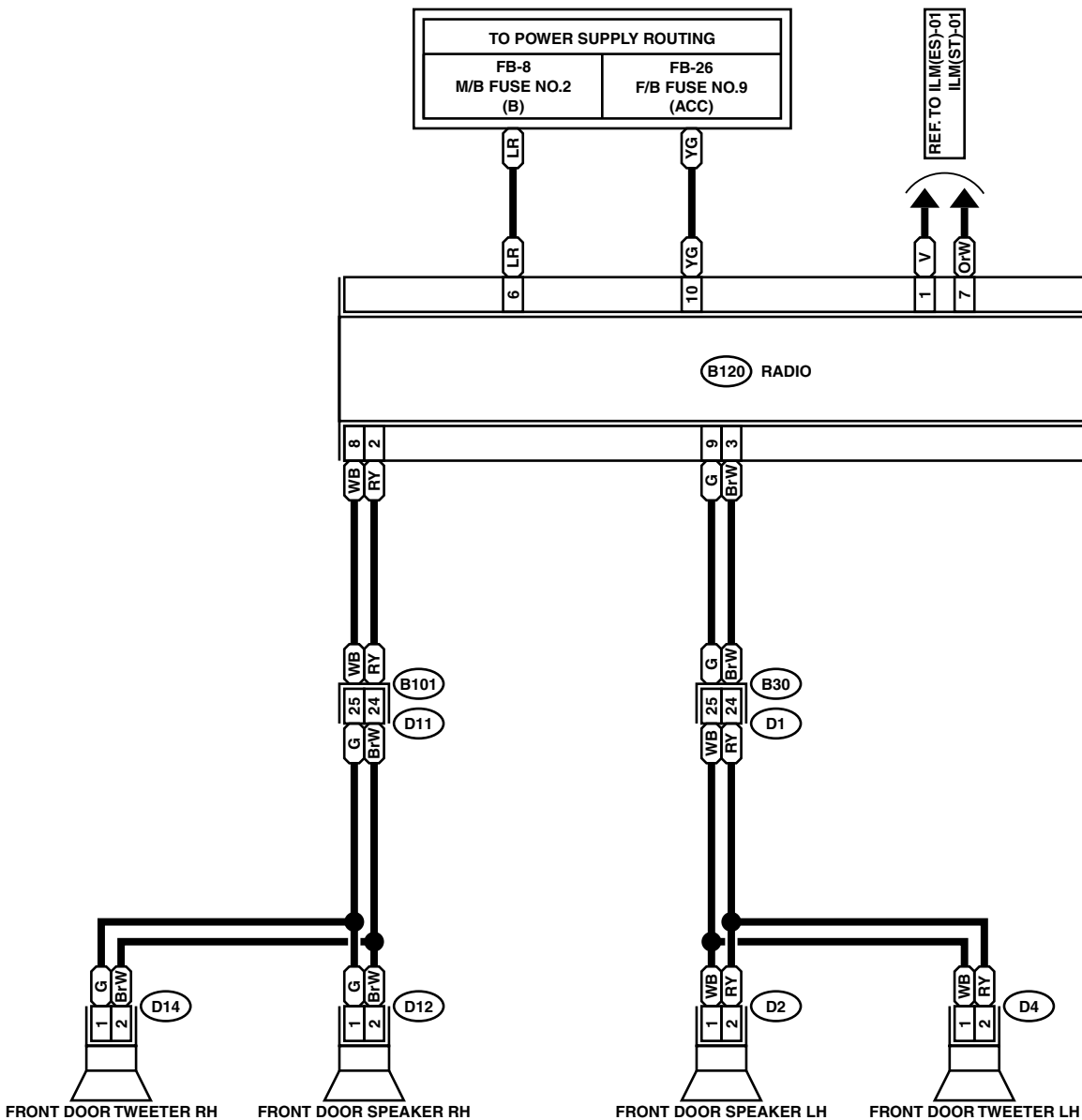
WIRING SYSTEM

10. Audio System

A: SCHEMATIC

AUDIO-01

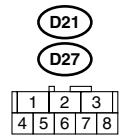
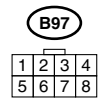
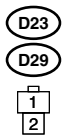
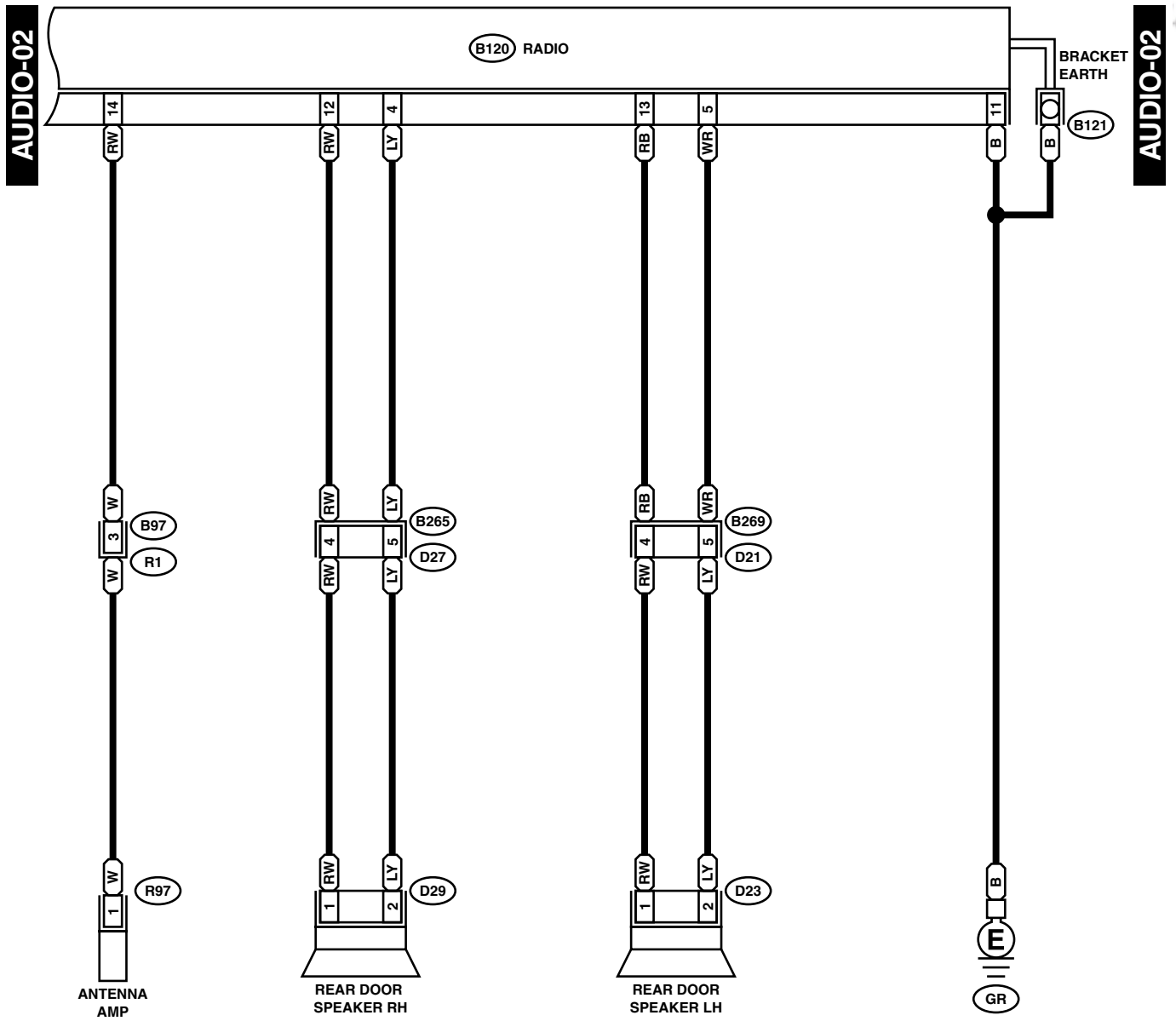
AUDIO-01



WI-02779

AUDIO SYSTEM

WIRING SYSTEM



WI-02780

CHARGING SYSTEM

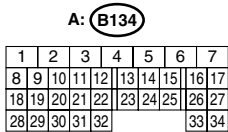
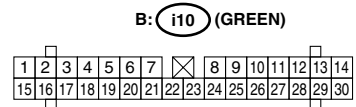
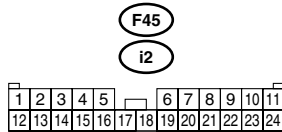
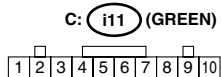
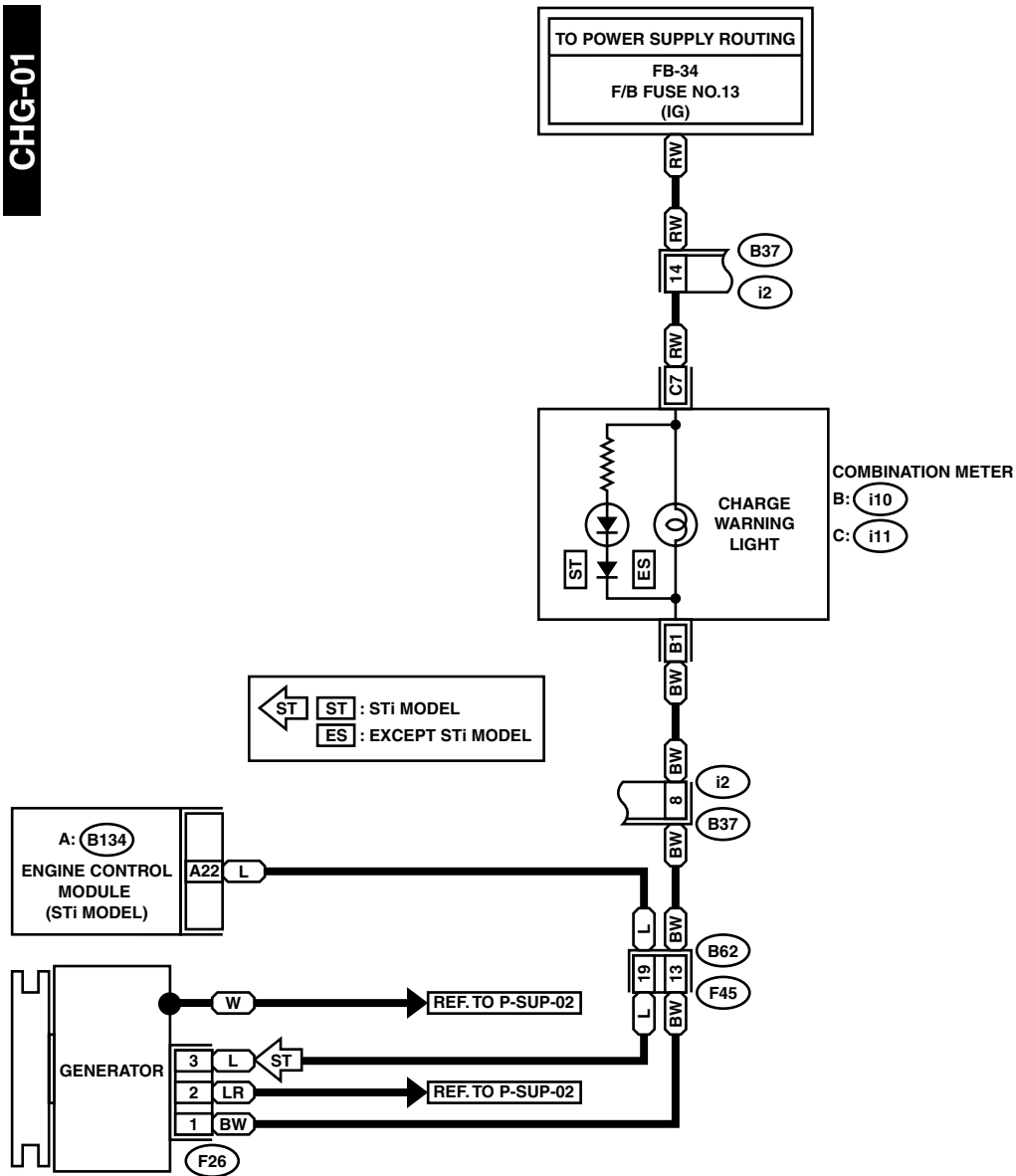
WIRING SYSTEM

11. Charging System

A: SCHEMATIC

CHG-01

CHG-01



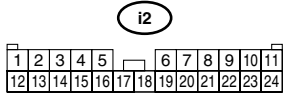
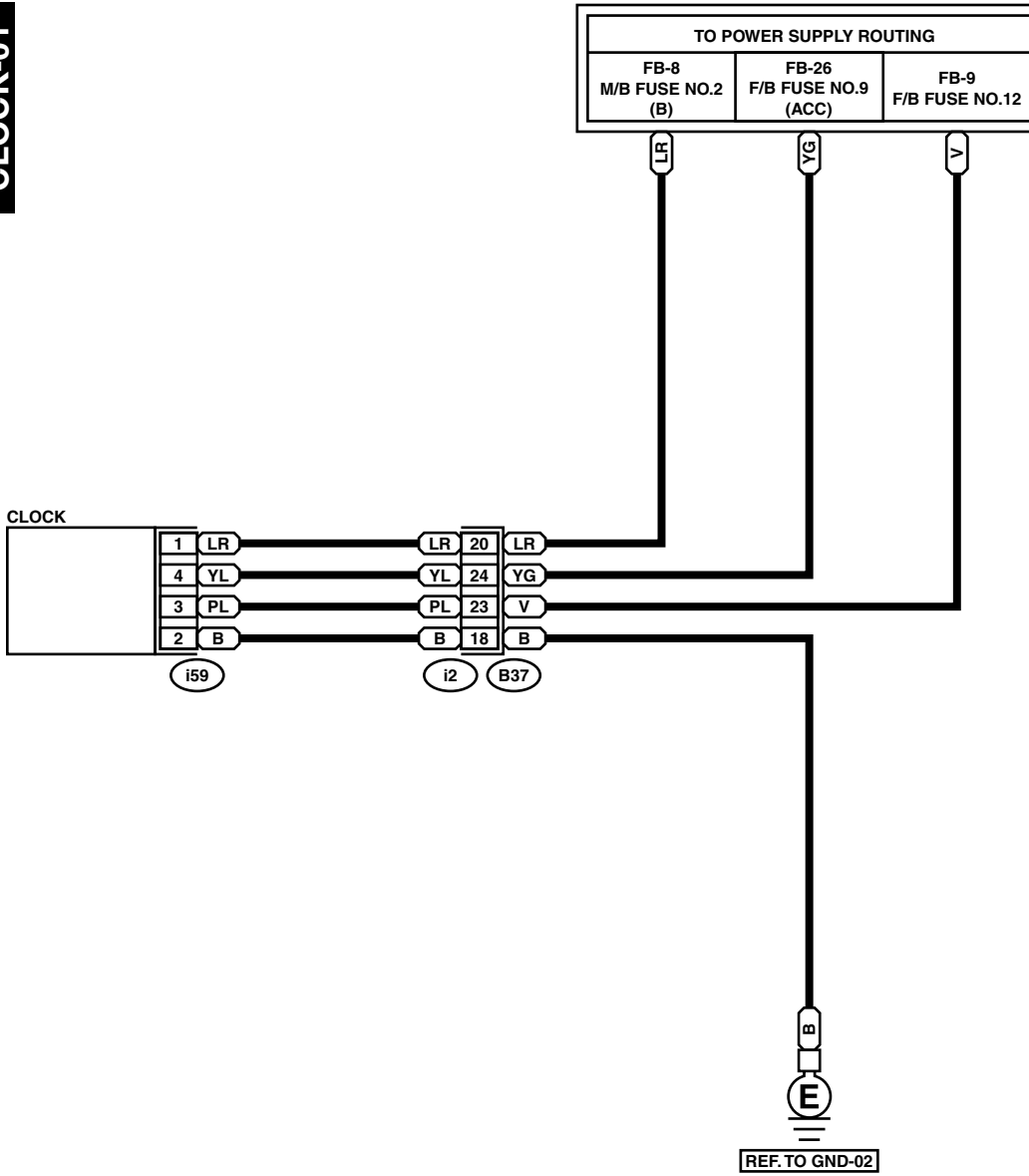
WI-02467

12.Clock System

A: SCHEMATIC

CLOCK-01

CLOCK-01



COMBINATION METER

WIRING SYSTEM

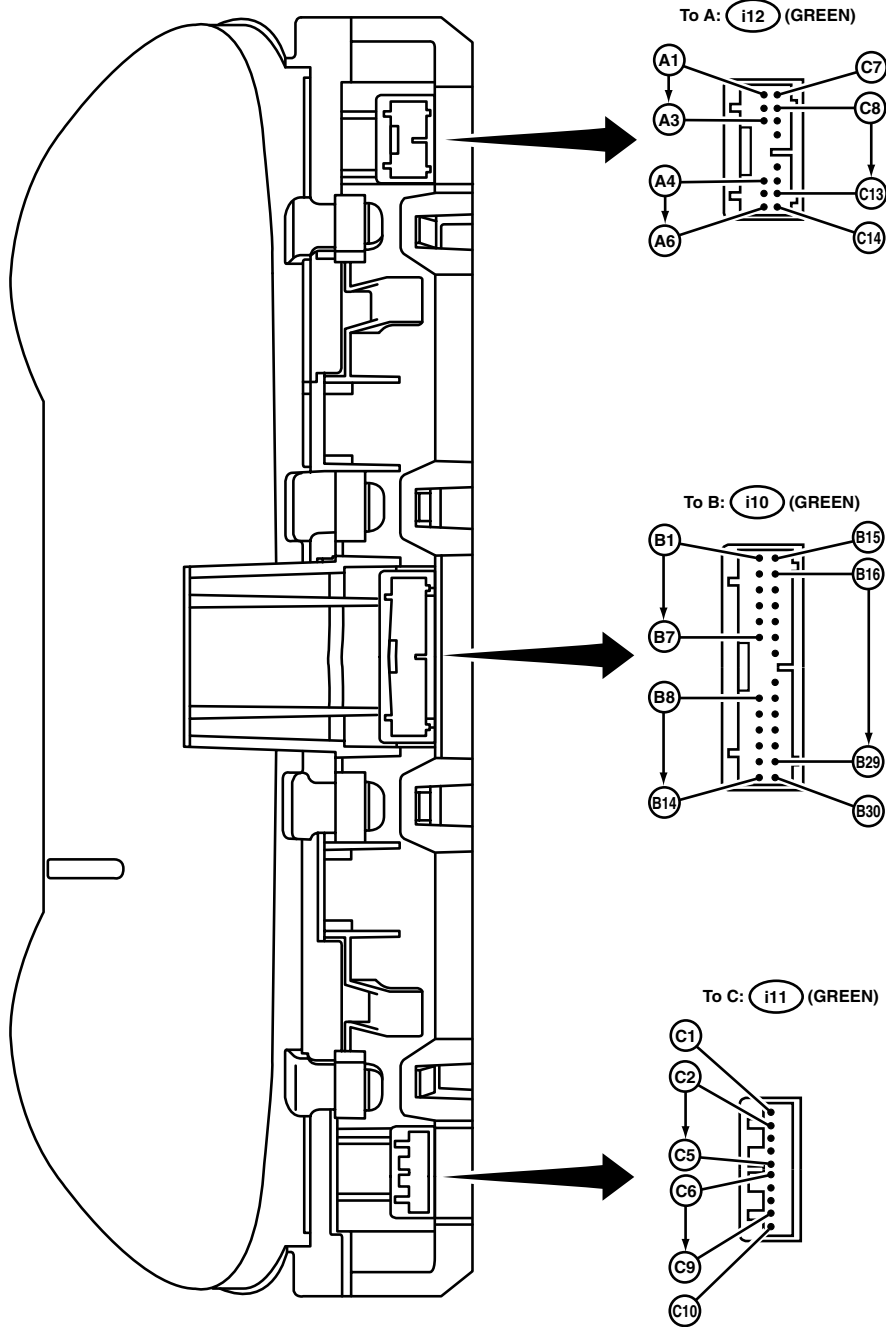
13. Combination Meter

A: SCHEMATIC

1. EXCEPT FOR STi MODEL

CM(ES)-01

CM(ES)-01



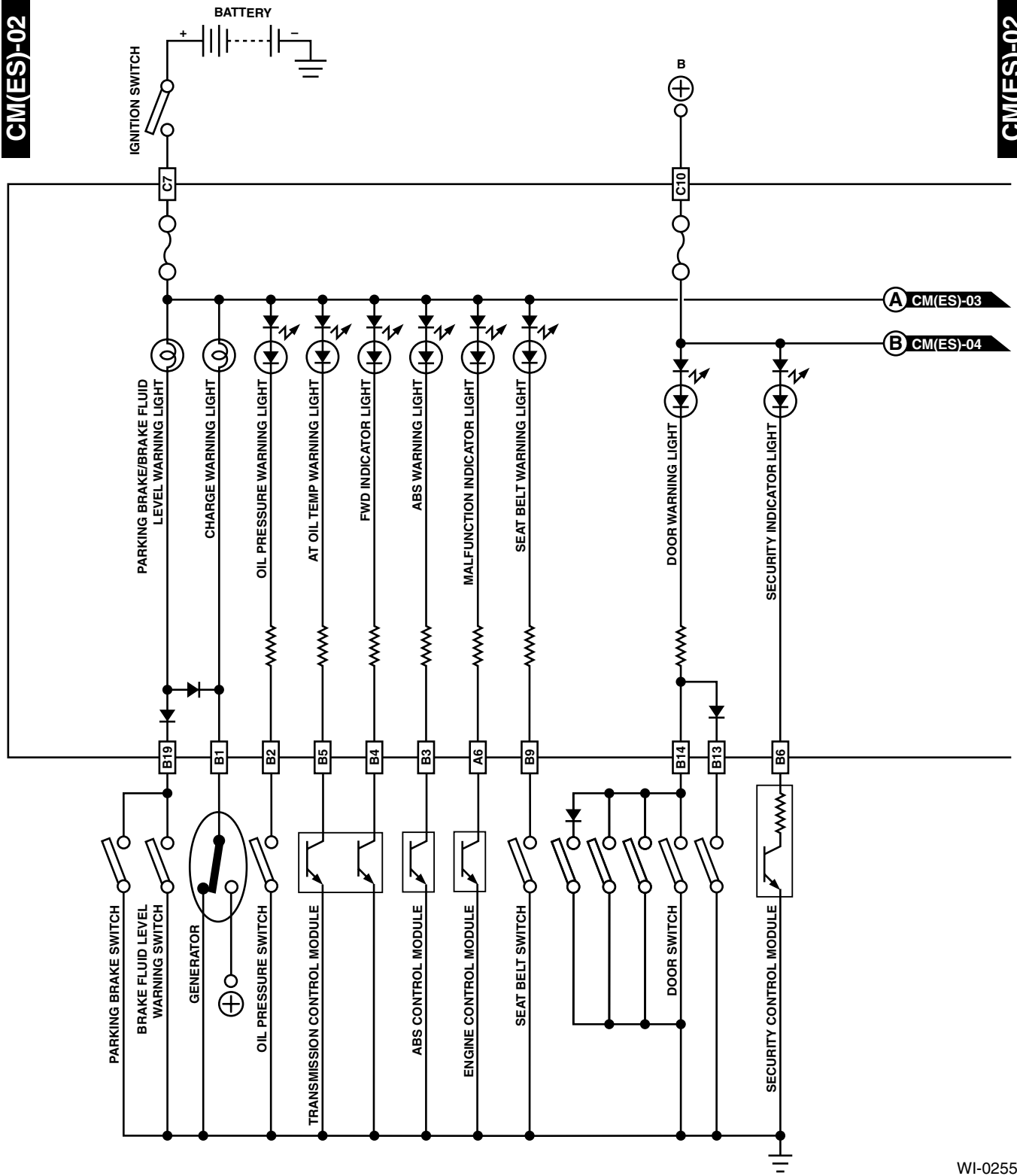
WI-02773

COMBINATION METER

WIRING SYSTEM

CM(ES)-02

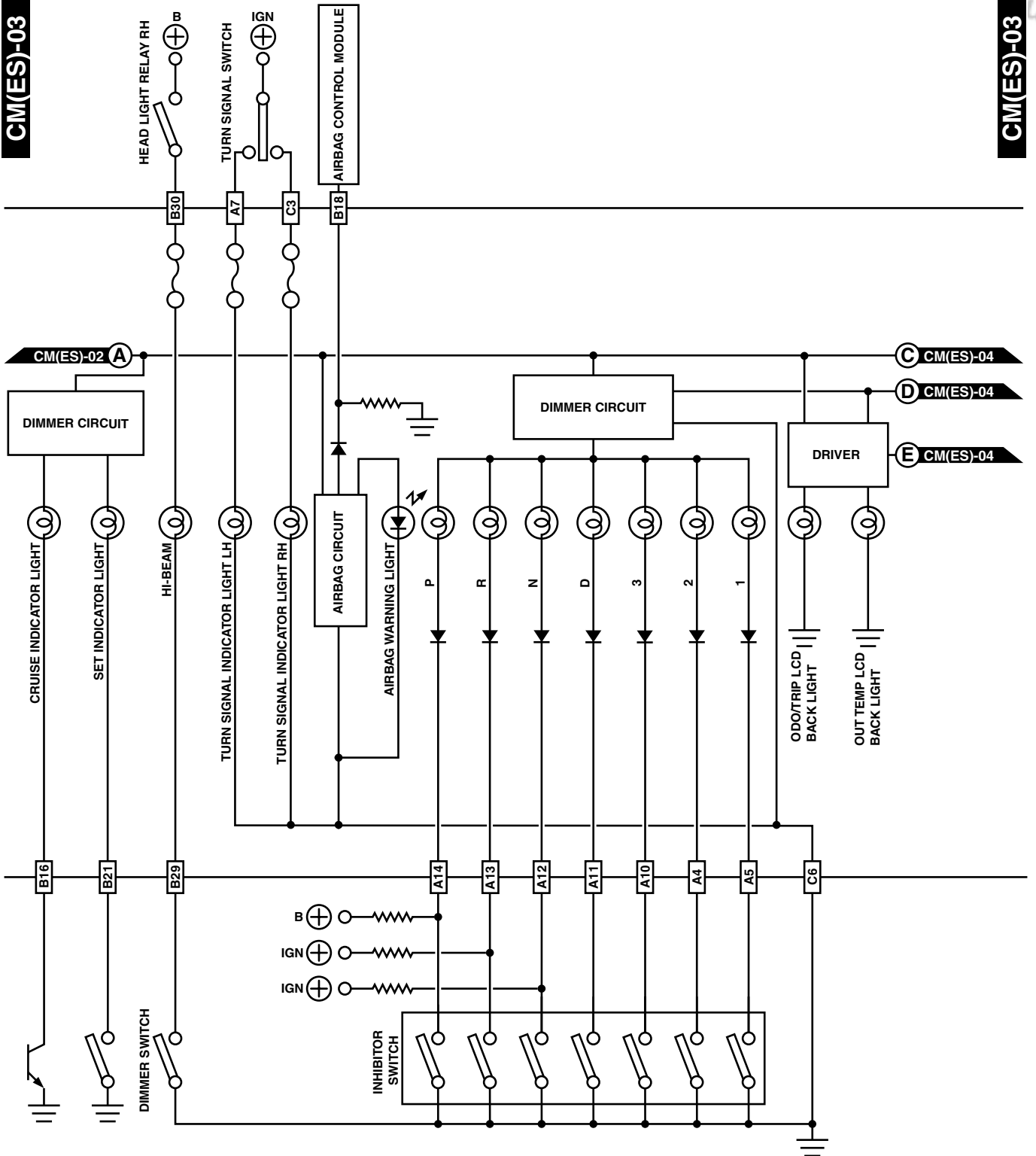
CM(ES)-02



WI-02554

COMBINATION METER

WIRING SYSTEM



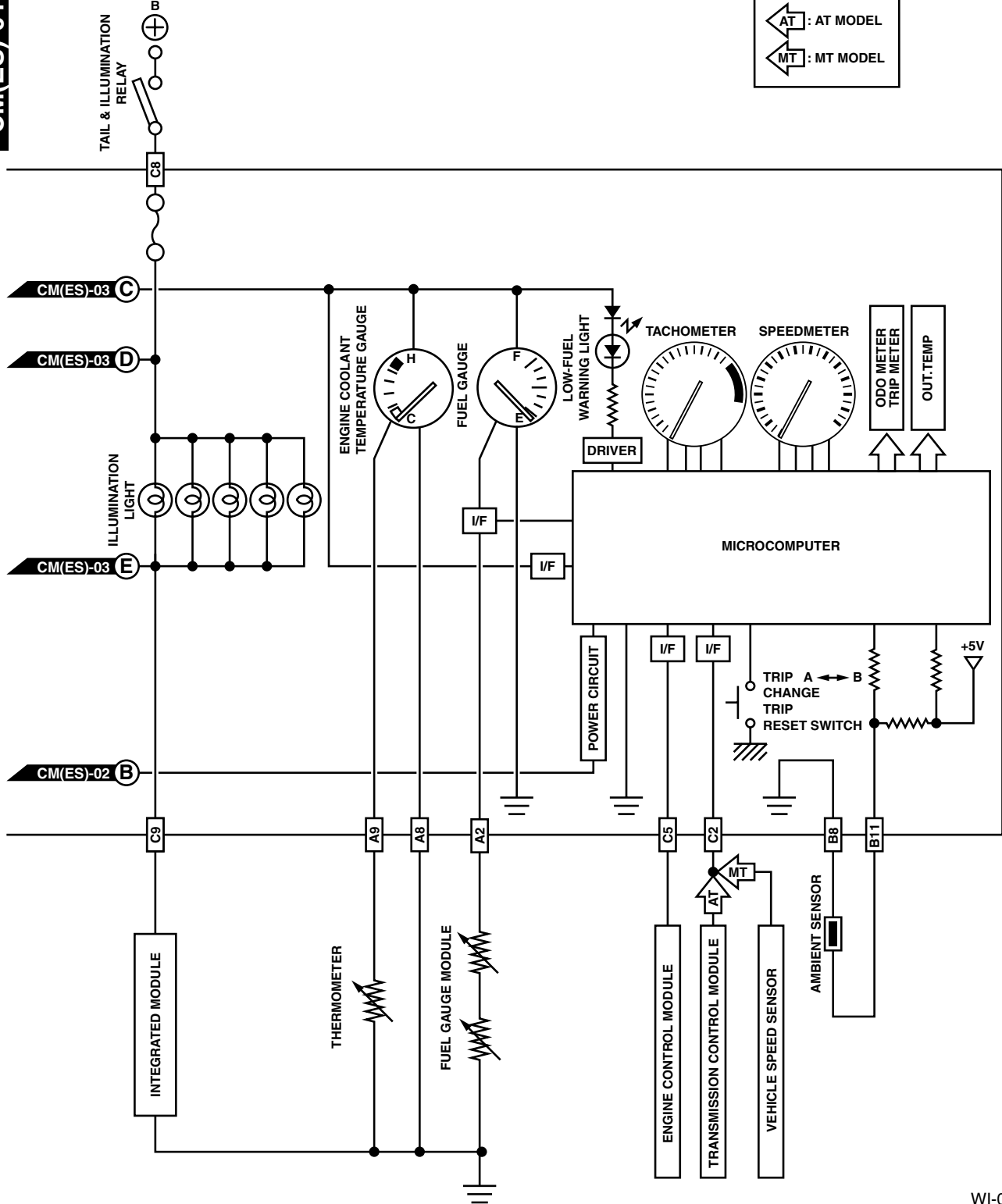
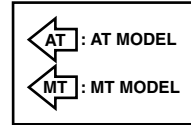
WI-02555

COMBINATION METER

WIRING SYSTEM

CM(ES)-04

CM(ES)-04



WI-02556

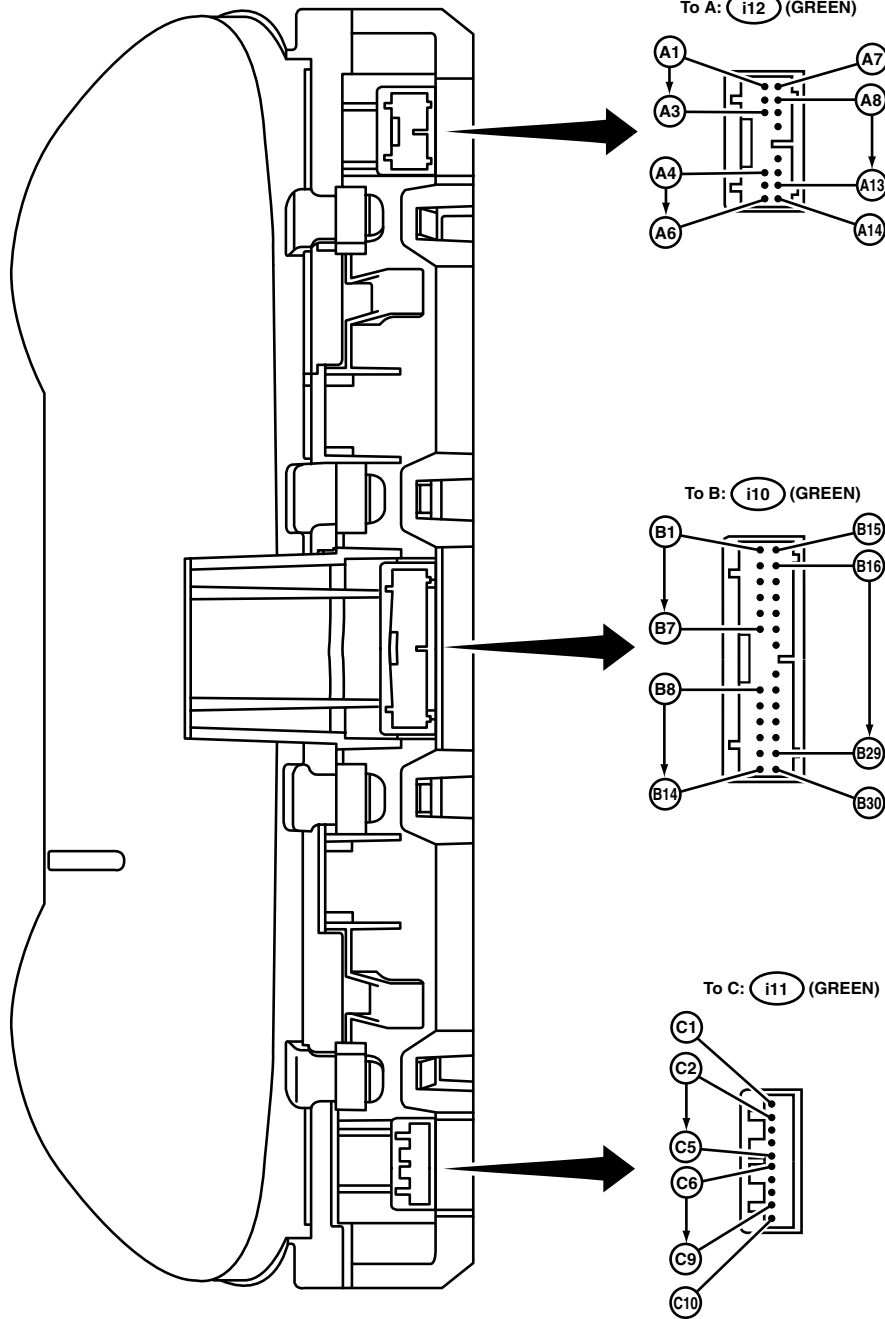
COMBINATION METER

WIRING SYSTEM

2. STi MODEL

CM(ST)-01

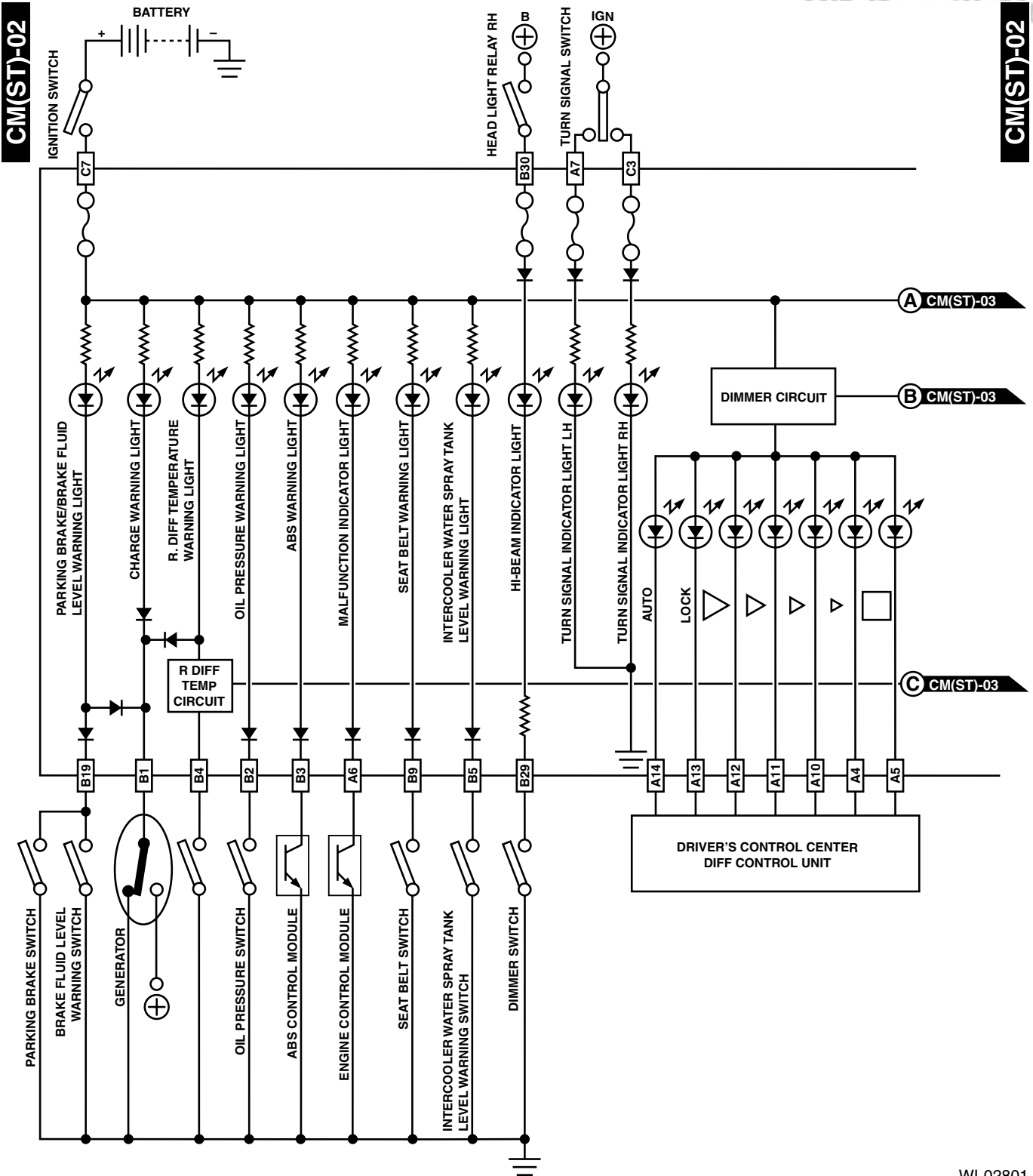
CM(ST)-01



WI-02800

COMBINATION METER

WIRING SYSTEM



CM(ST)-02

CM(ST)-02

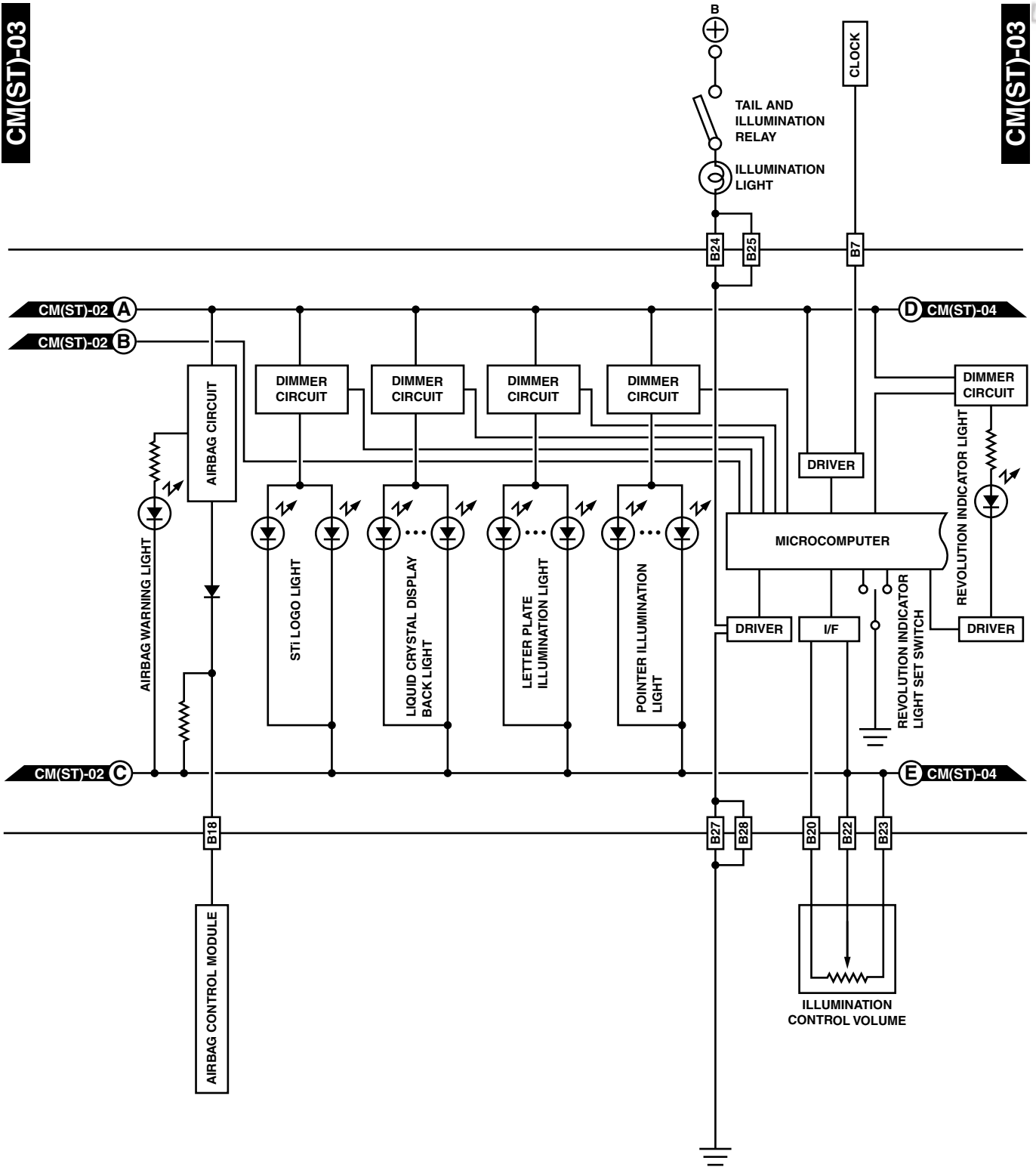
WI-02801

COMBINATION METER

WIRING SYSTEM

CM(ST)-03

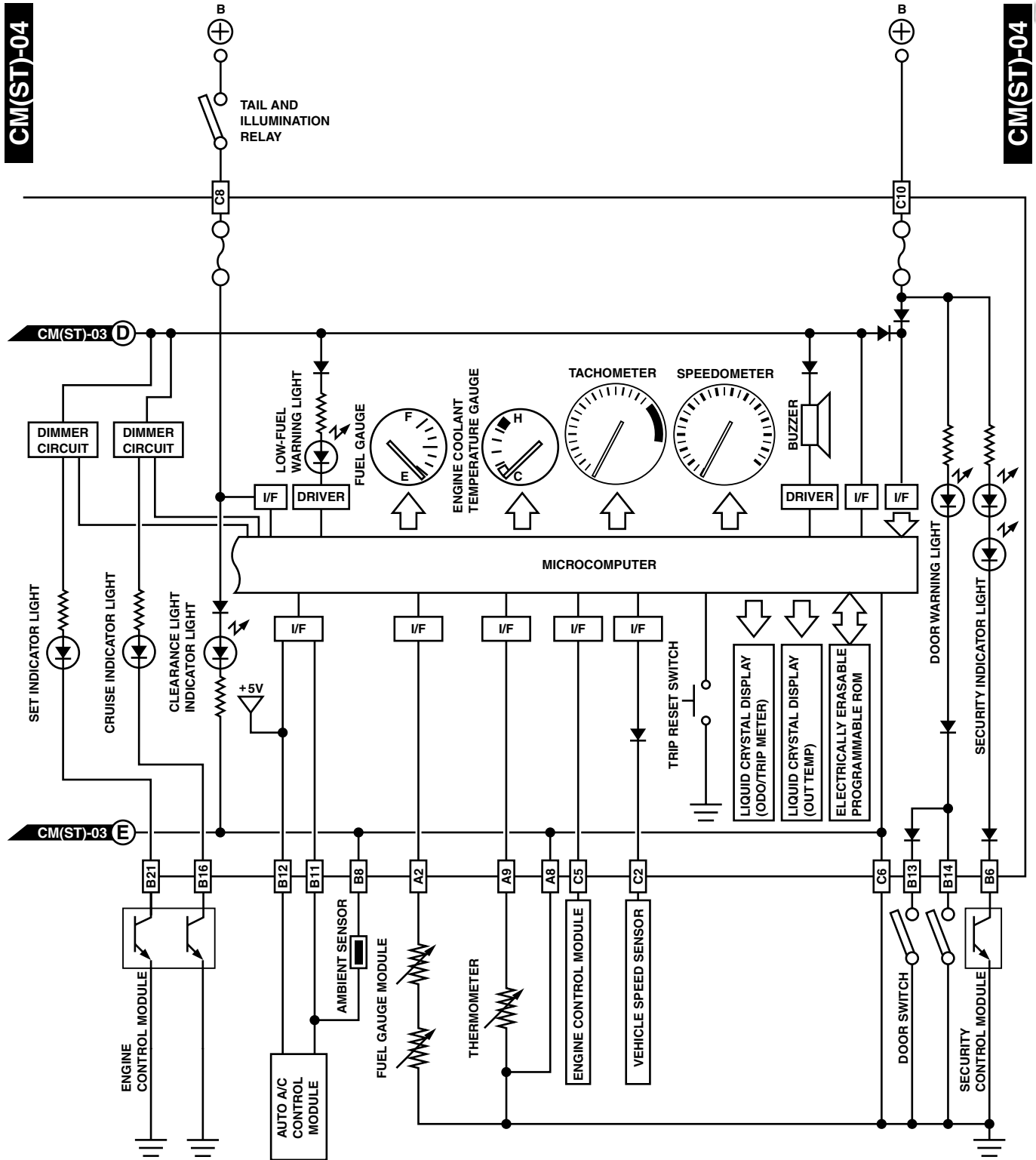
CM(ST)-03



WI-02802

COMBINATION METER

WIRING SYSTEM



WI-02803

COMPASS MIRROR SYSTEM

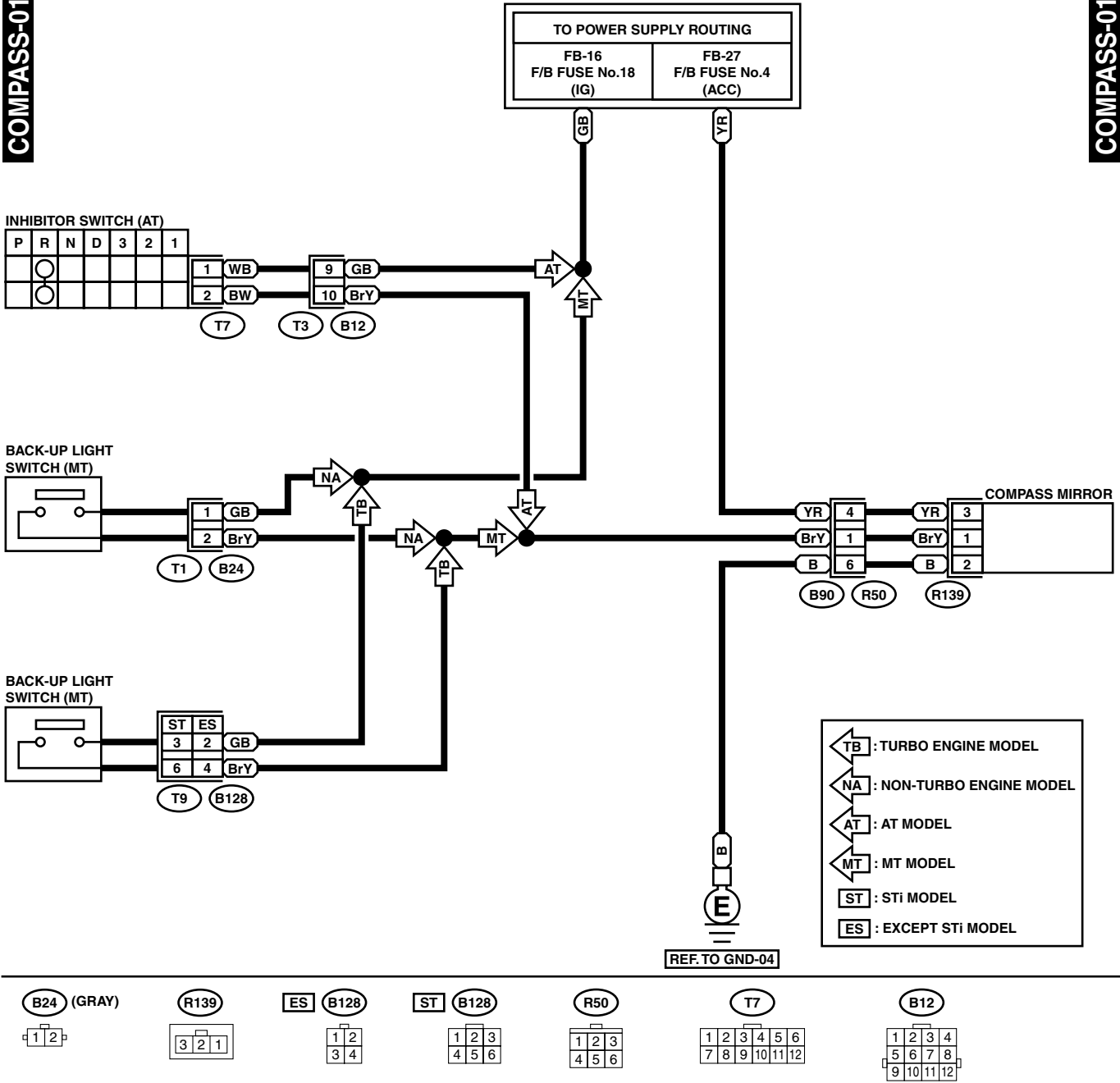
WIRING SYSTEM

14. Compass Mirror System

A: SCHEMATIC

COMPASS-01

COMPASS-01

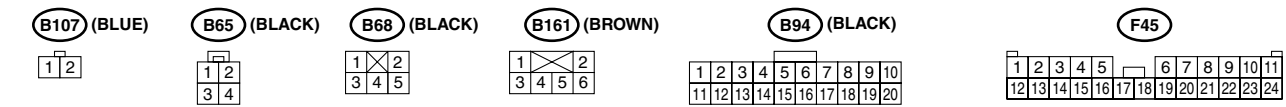
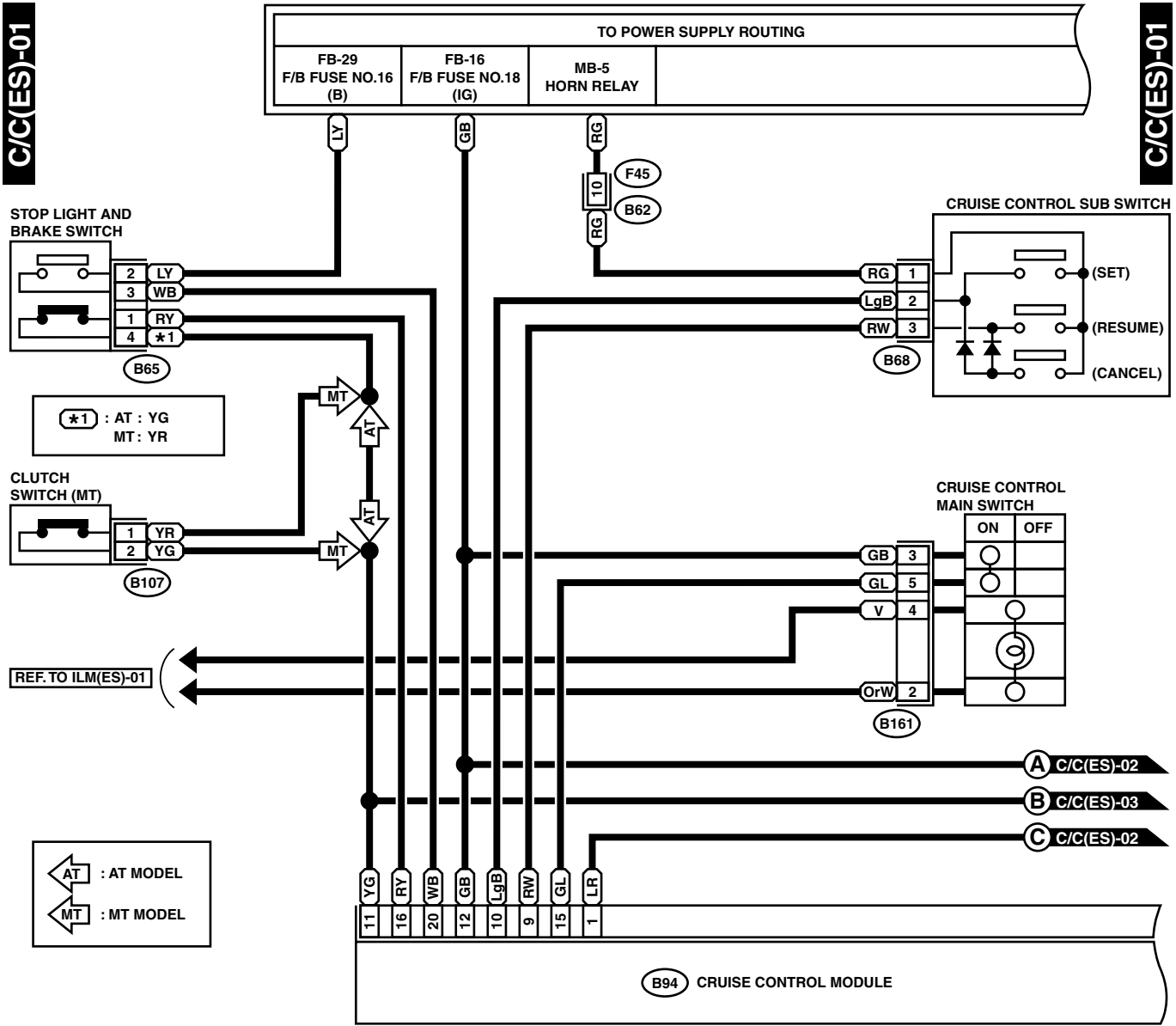


WI-02781

15. Cruise Control System

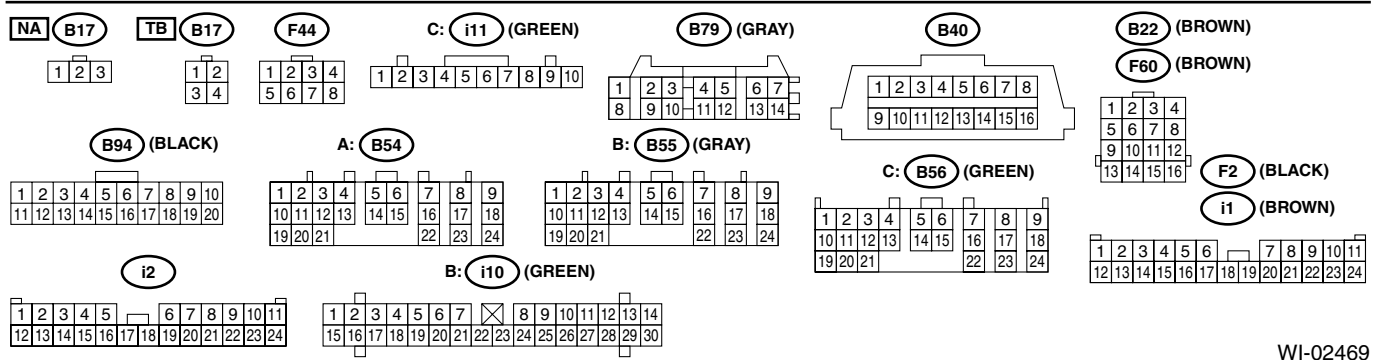
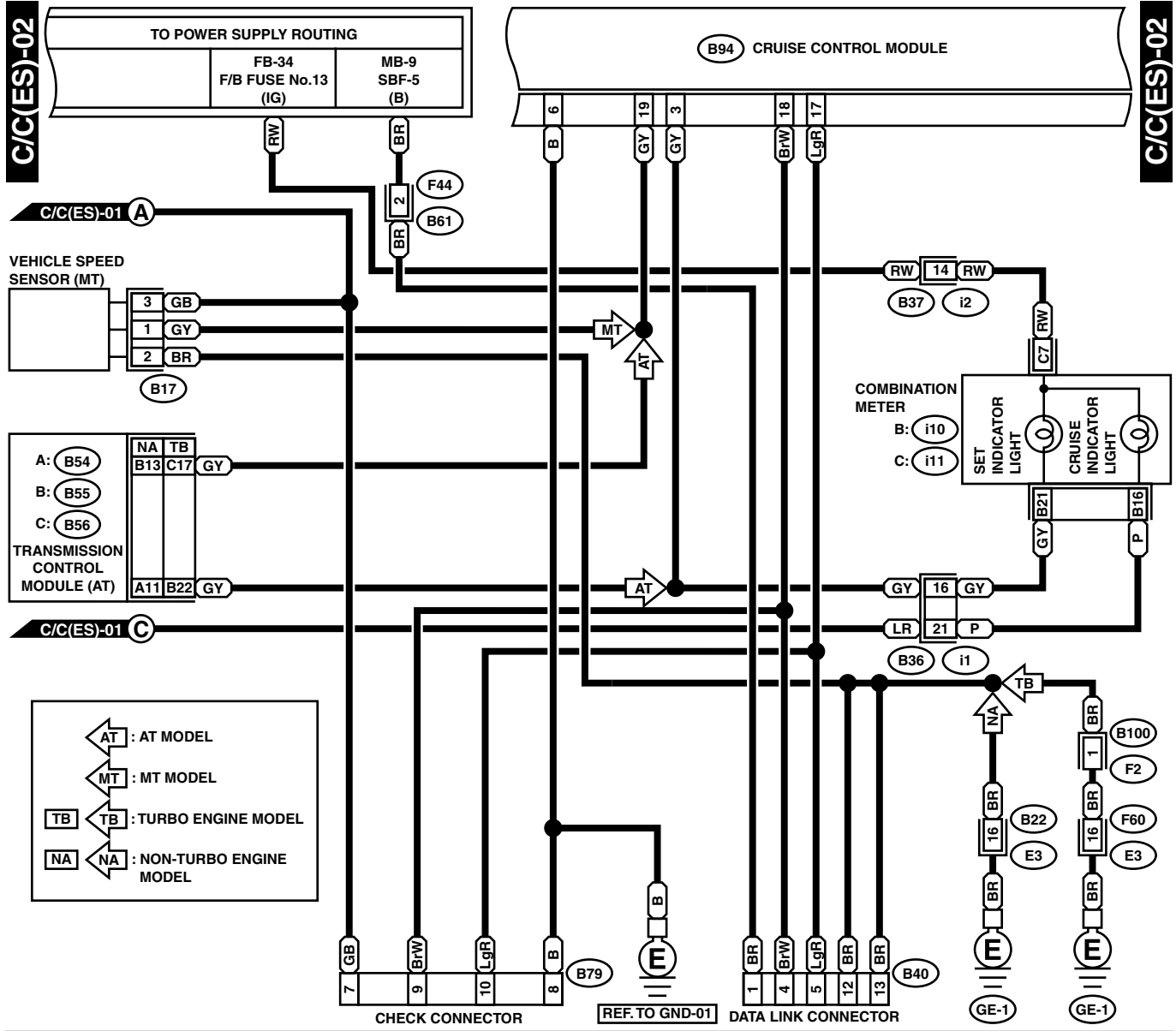
A: SCHEMATIC

1. EXCEPT FOR STi MODEL



CRUISE CONTROL SYSTEM

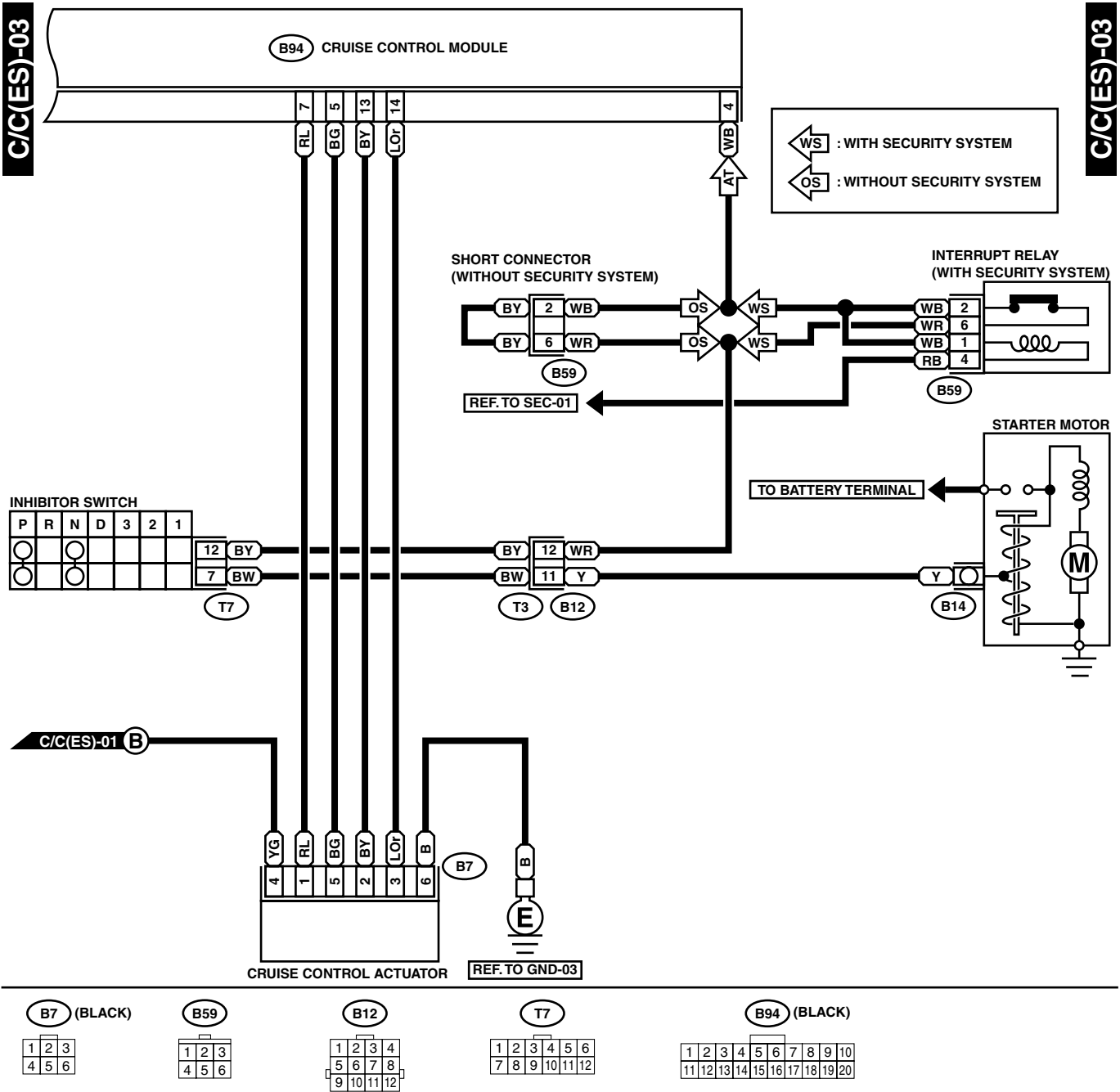
WIRING SYSTEM



WI-02469

CRUISE CONTROL SYSTEM

WIRING SYSTEM

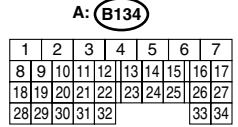
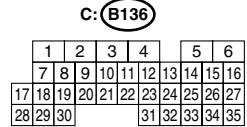
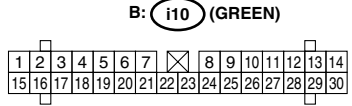
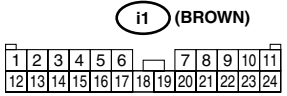
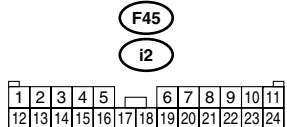
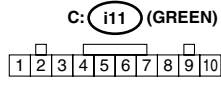
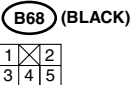
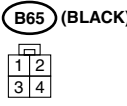
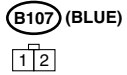
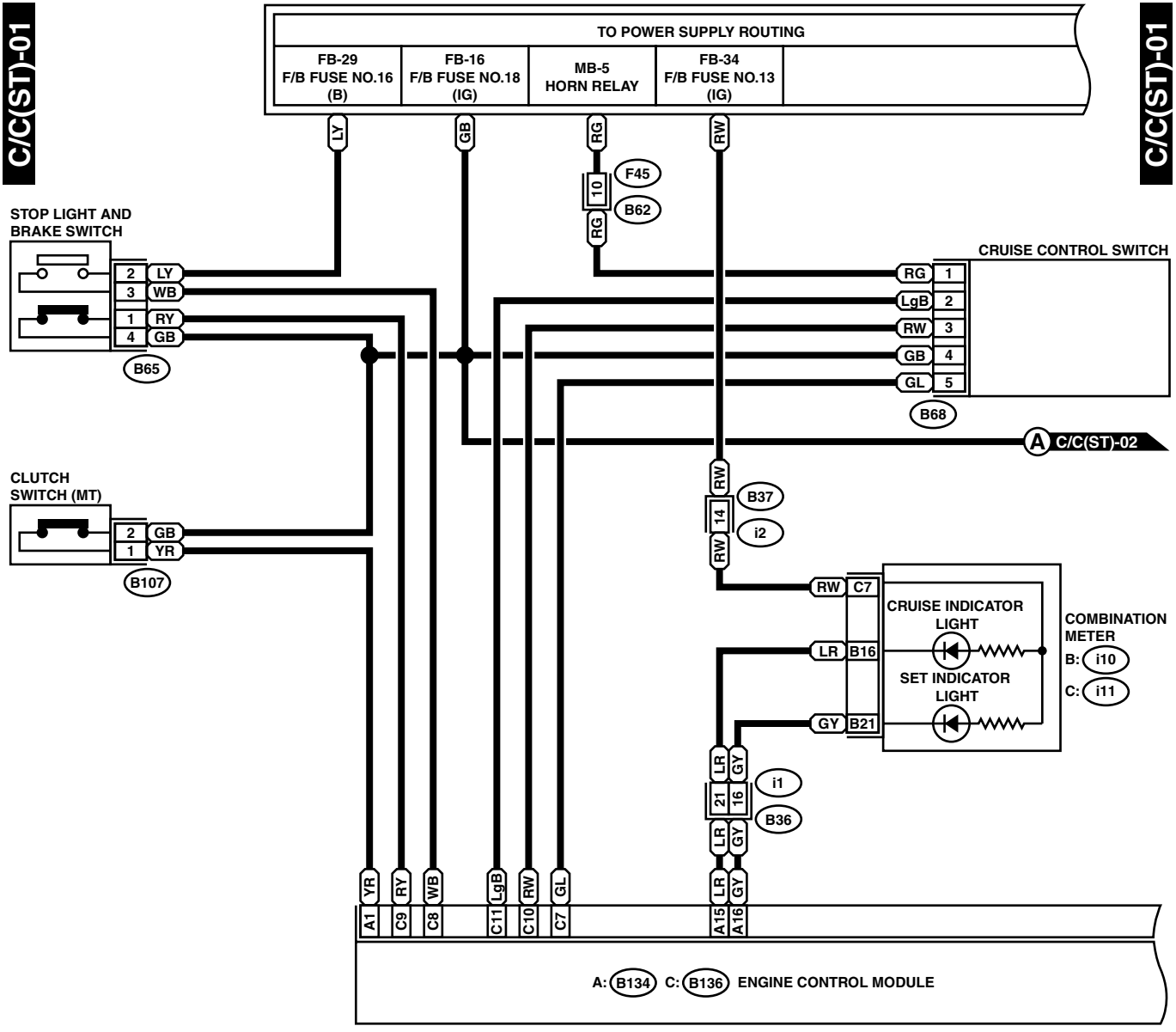


WI-02782

CRUISE CONTROL SYSTEM

WIRING SYSTEM

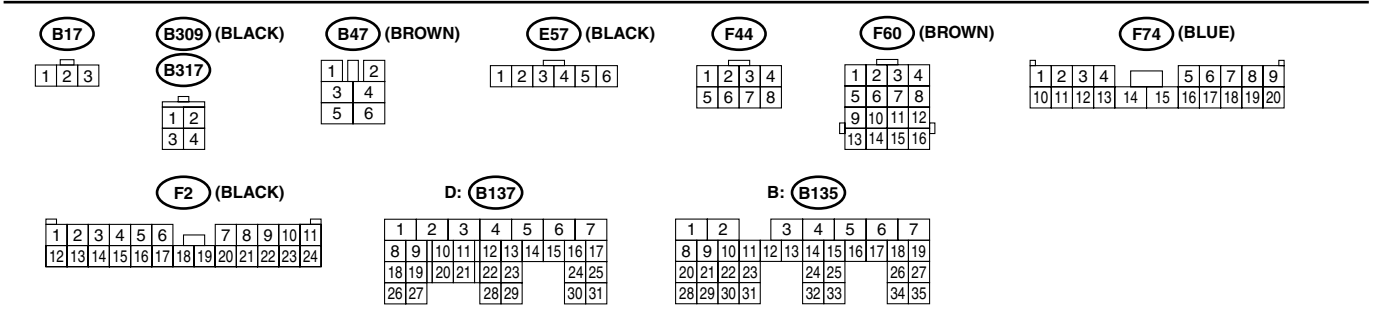
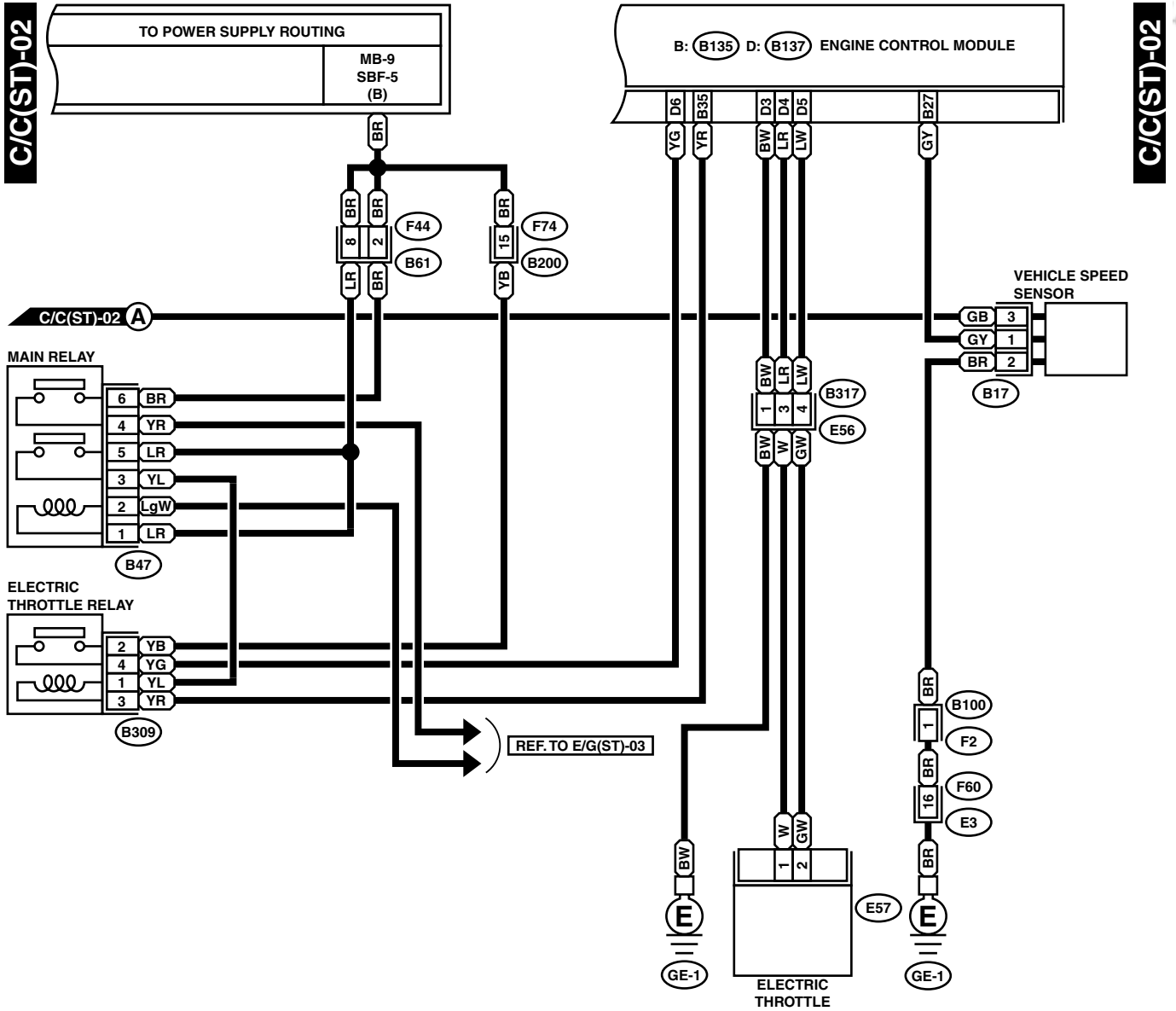
2. STi MODEL



WI-02804

CRUISE CONTROL SYSTEM

WIRING SYSTEM



WI-02805

ENGINE COOLANT TEMPERATURE GAUGE SYSTEM

WIRING SYSTEM

16.Engine Coolant Temperature Gauge System

A: SCHEMATIC

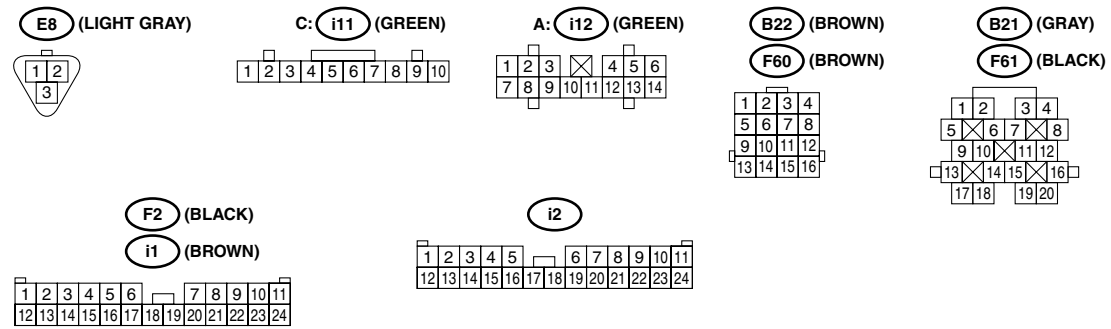
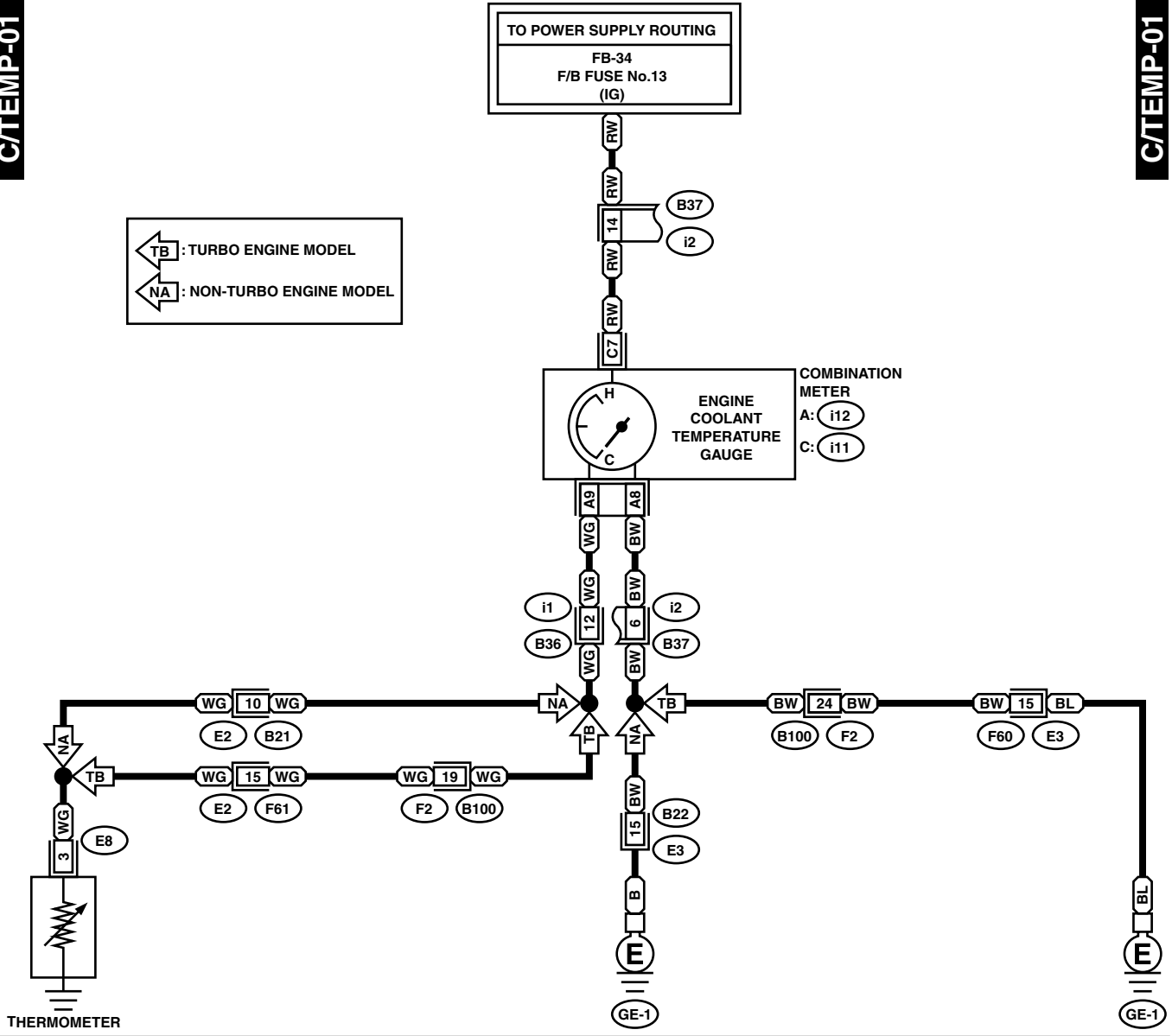
C/TEMP-01

C/TEMP-01

← TB : TURBO ENGINE MODEL
 ← NA : NON-TURBO ENGINE MODEL

TO POWER SUPPLY ROUTING
 FB-34
 F/B FUSE No.13
 (IG)

COMBINATION METER
 ENGINE COOLANT TEMPERATURE GAUGE
 A: i12
 C: i11



WI-02471

ENGINE COOLANT TEMPERATURE GAUGE SYSTEM

WIRING SYSTEM

Brought to you by Eris Studios
NOT FOR RESALE

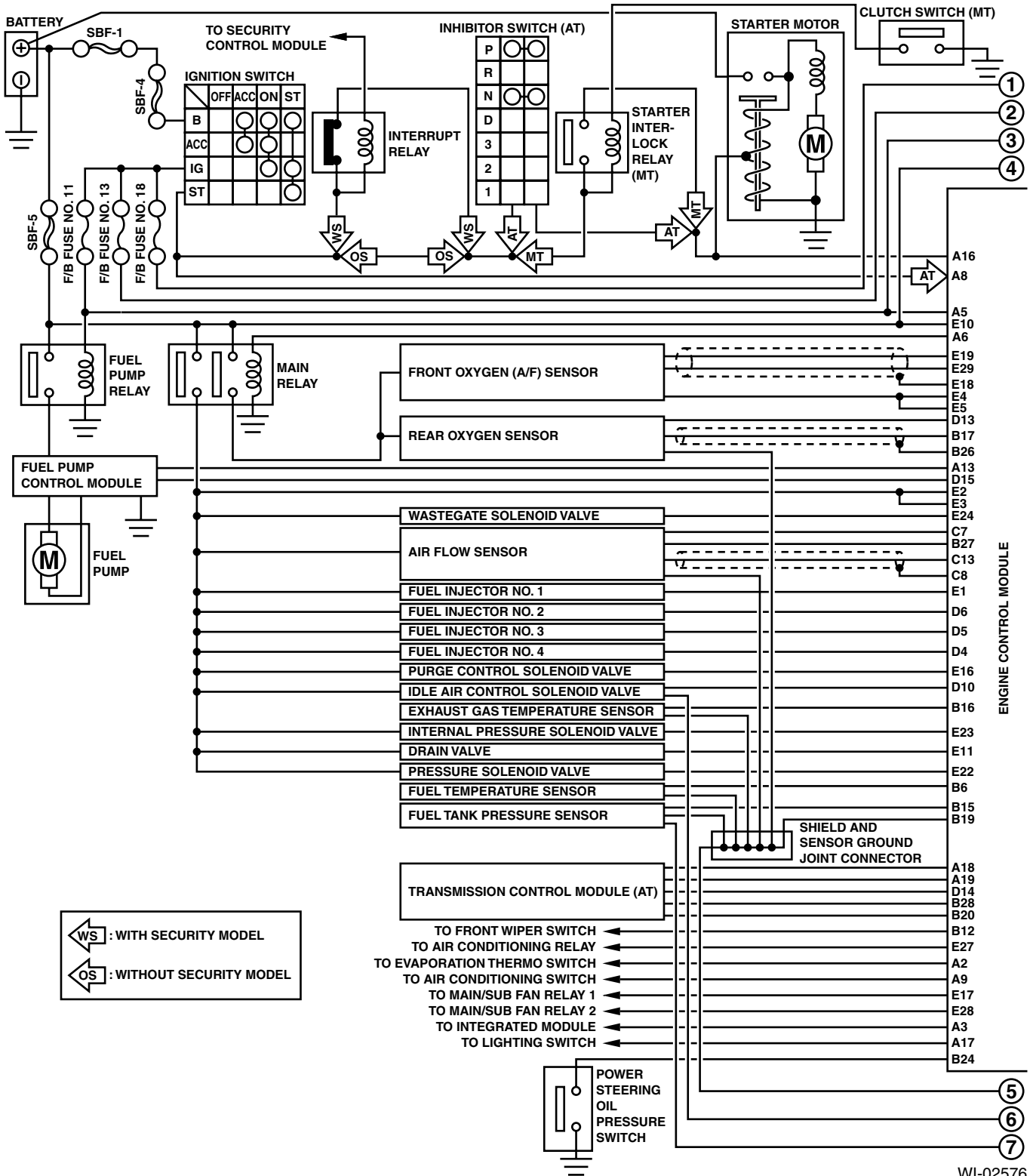
ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM

17.Engine Electrical System

A: SCHEMATIC

1. TURBO MODEL

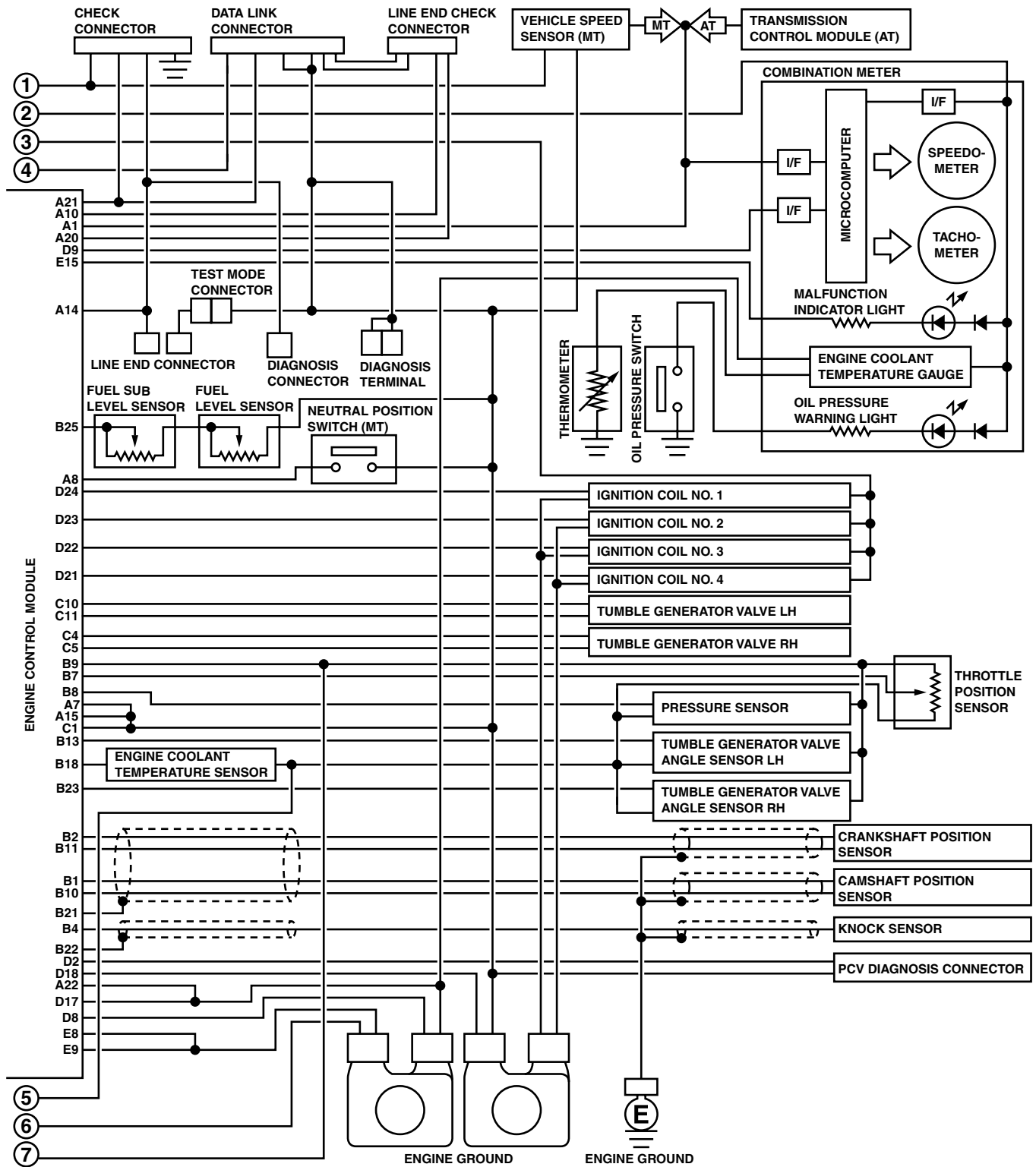


WI-02576

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM

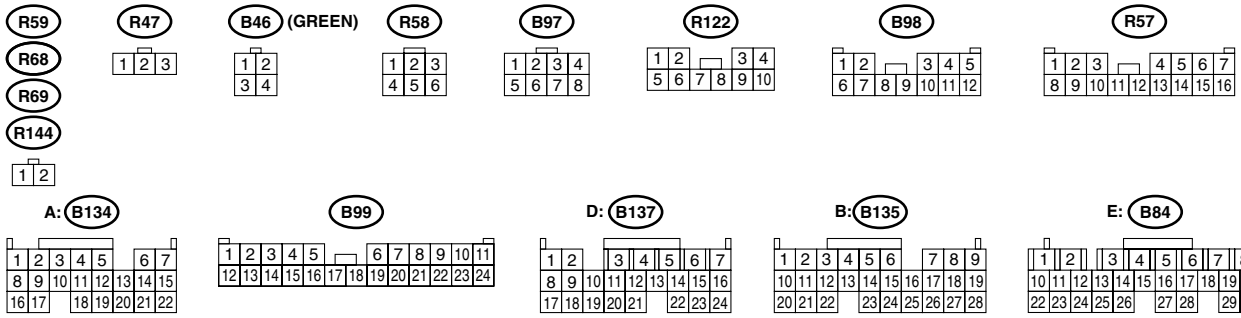
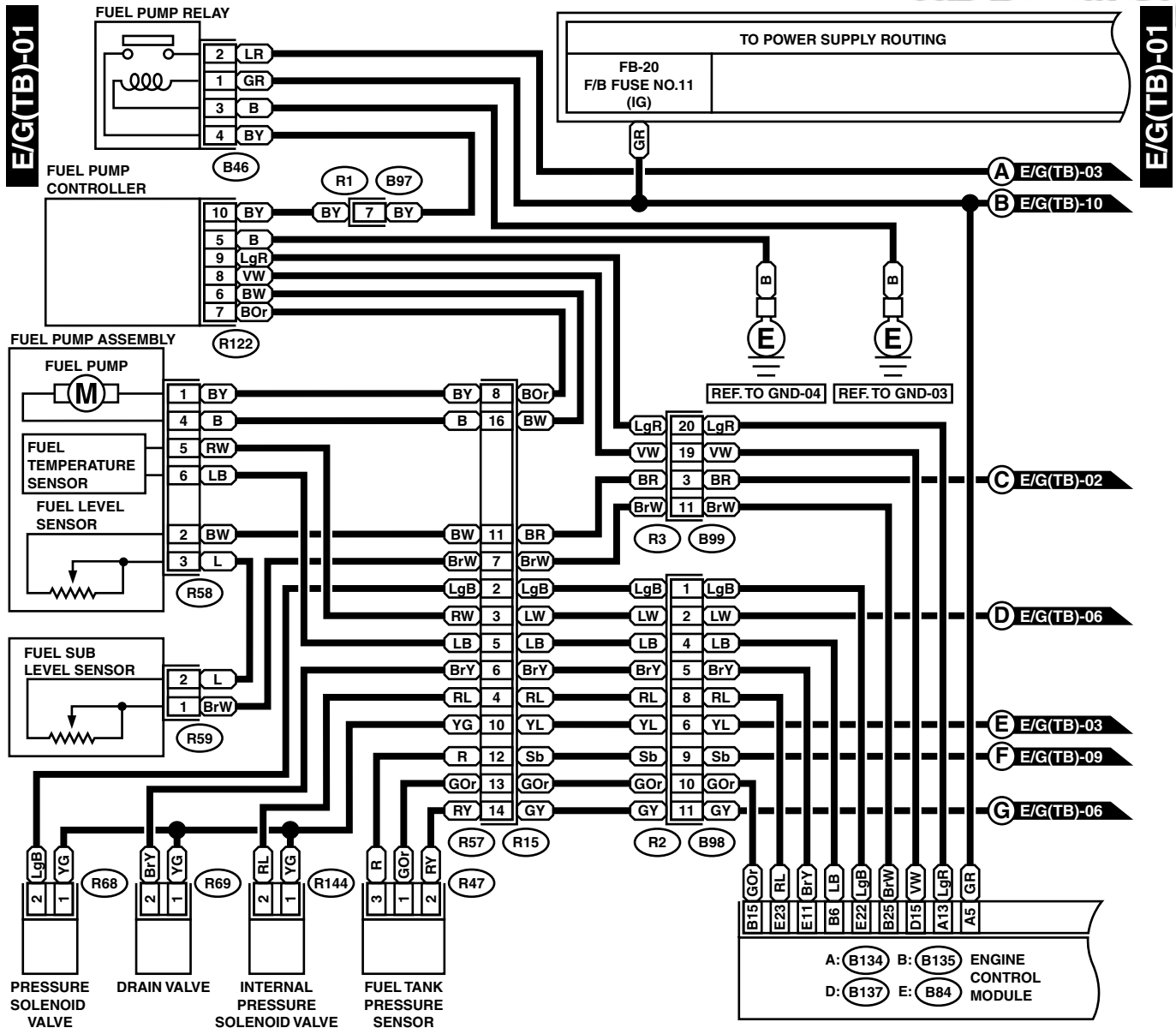
Brought to you by Eris Studios
NOT FOR RESALE



WI-02577

ENGINE ELECTRICAL SYSTEM

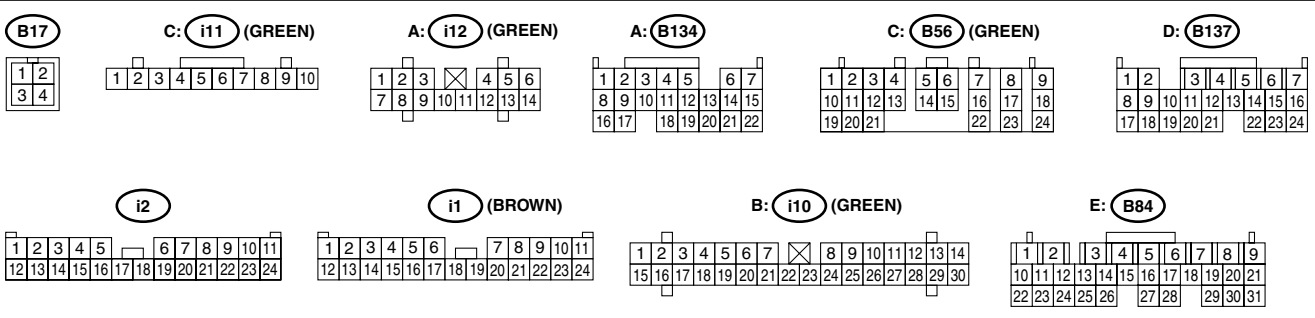
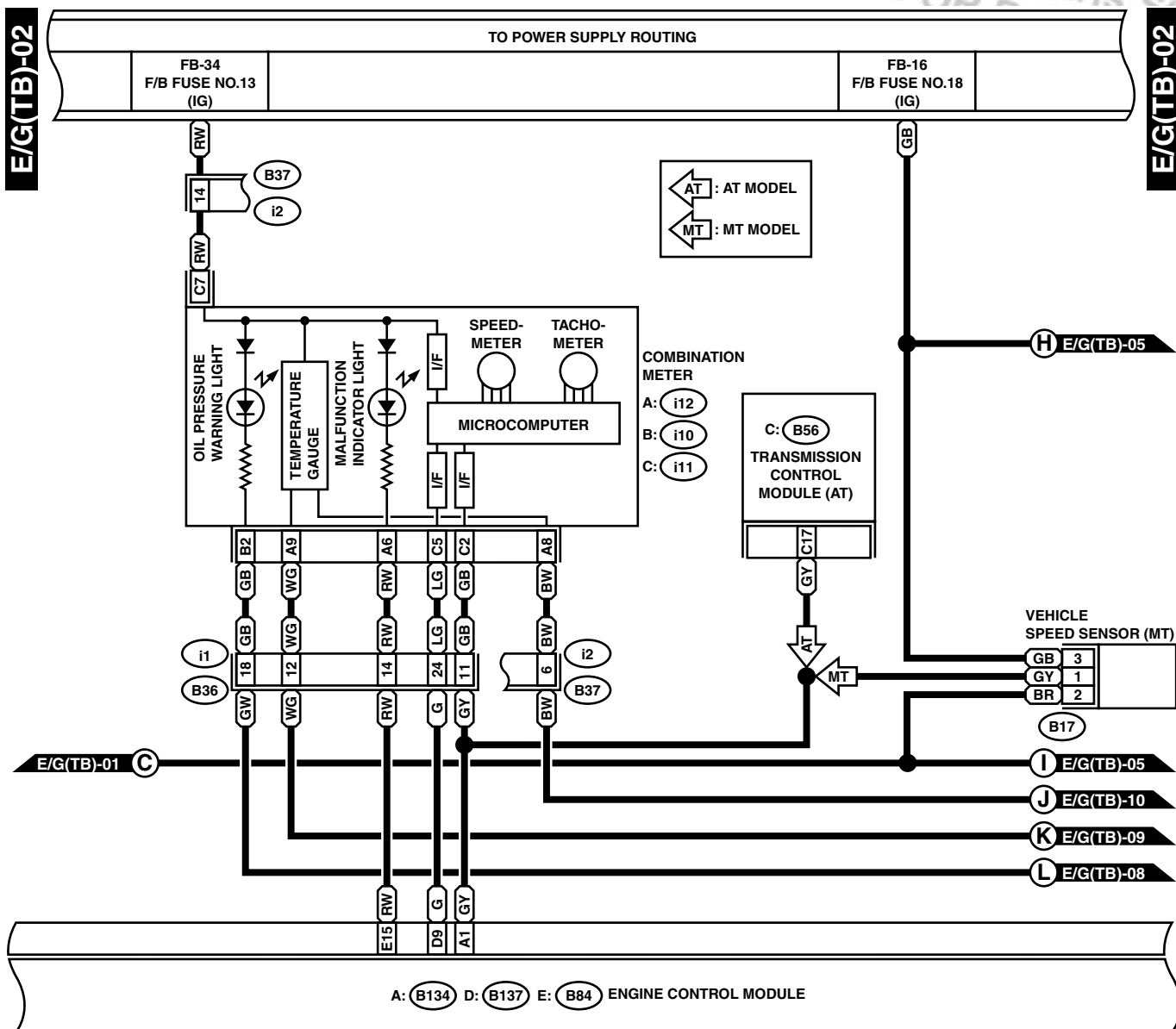
WIRING SYSTEM



WI-02472

ENGINE ELECTRICAL SYSTEM

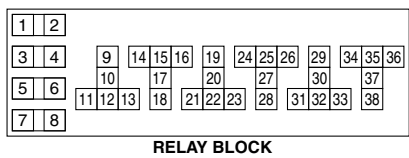
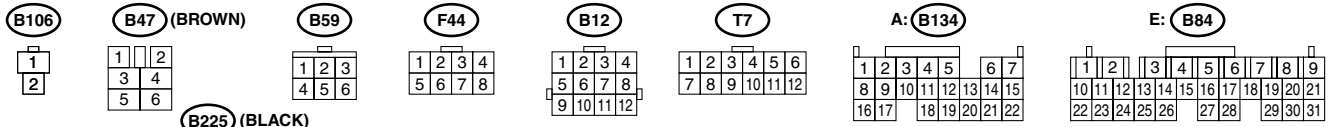
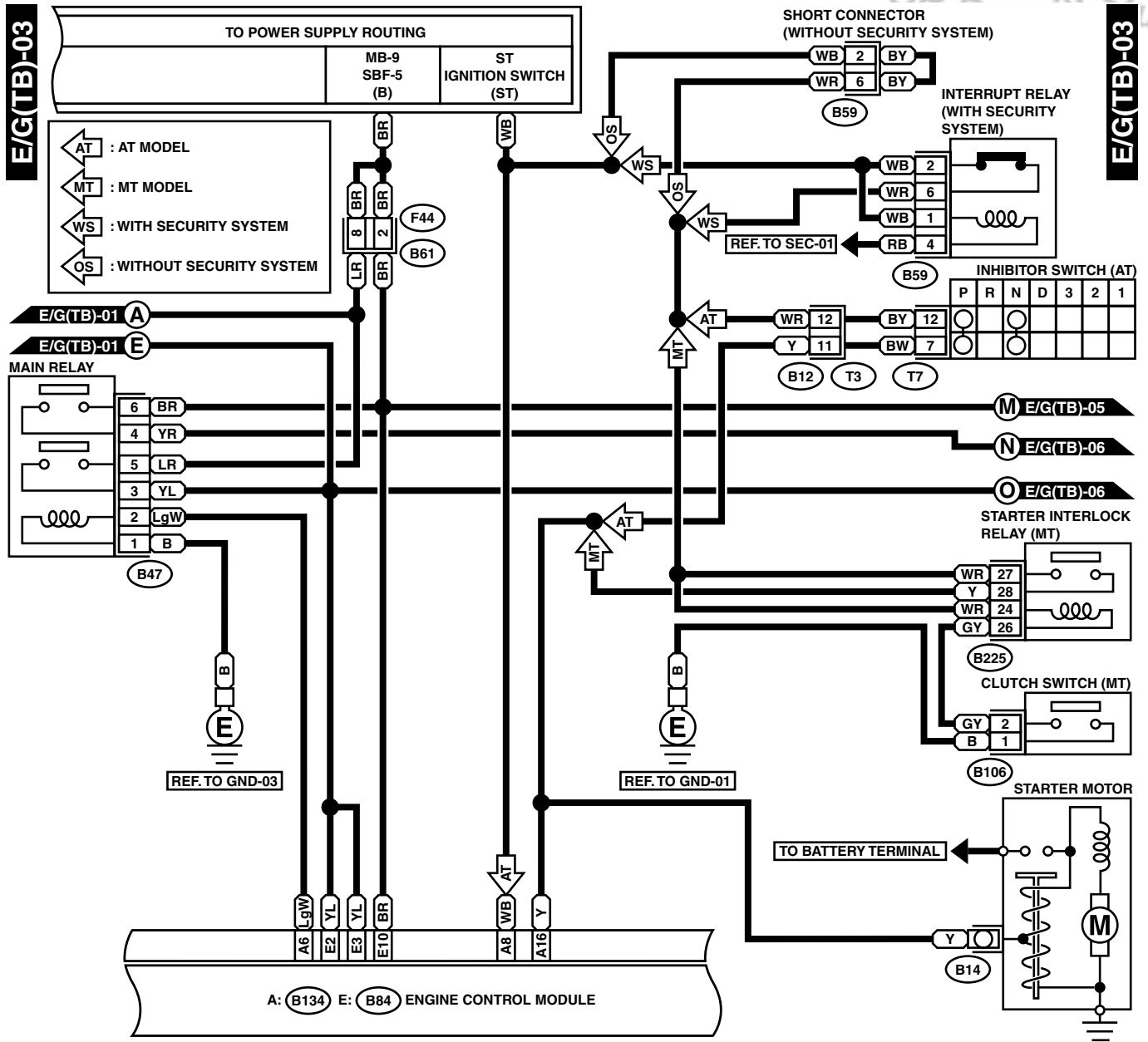
WIRING SYSTEM



WI-02473

ENGINE ELECTRICAL SYSTEM

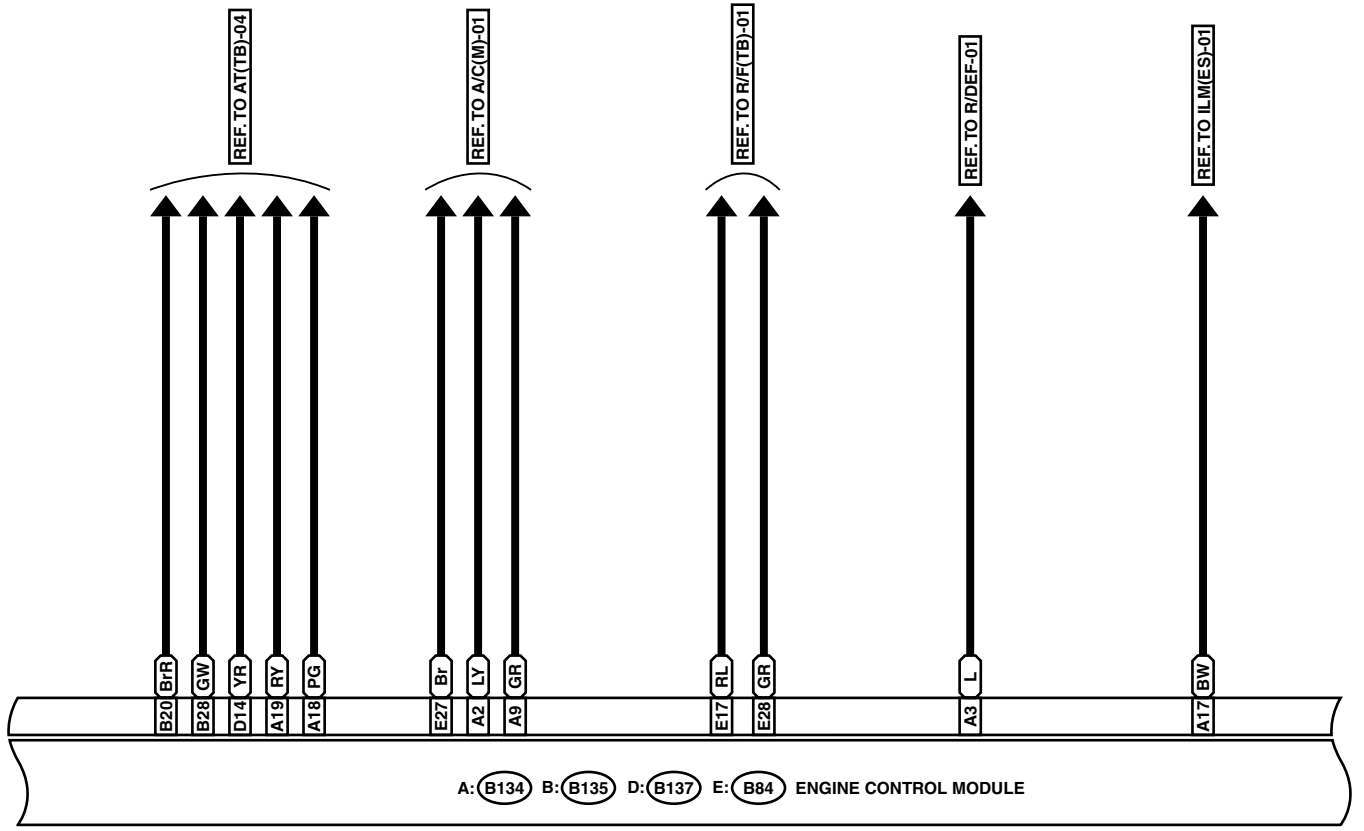
WIRING SYSTEM



WI-02474

E/G(TB)-04

E/G(TB)-04



A: (B134)

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	

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	

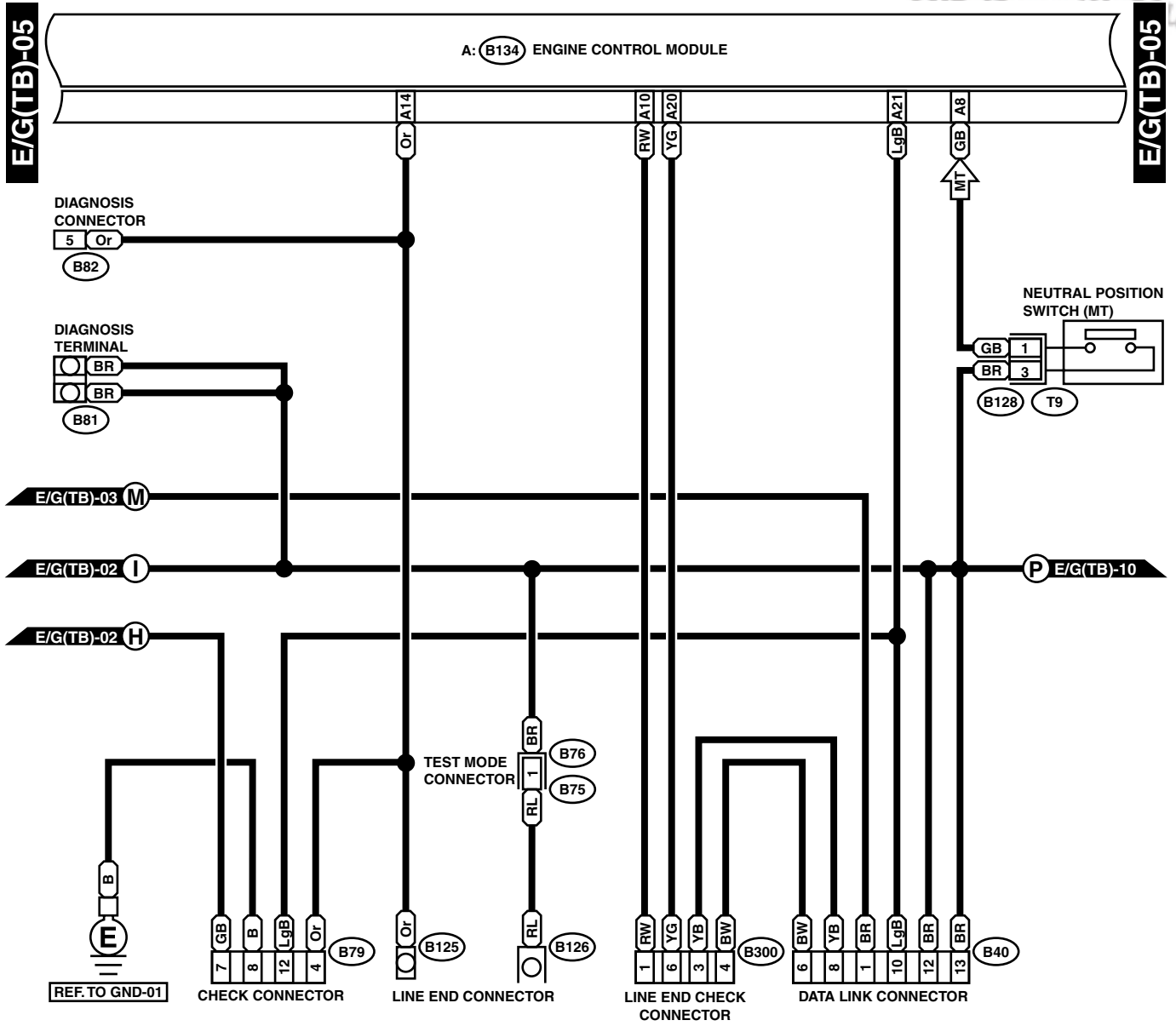
E: (B84)

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		

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM

Brought to you by Eris Studios
NOT FOR SALE



B75 (GREEN)



B128



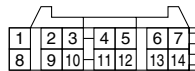
B82 (BLACK)



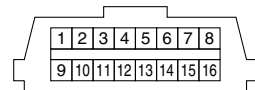
B300



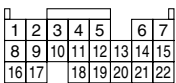
B79 (GRAY)



B40



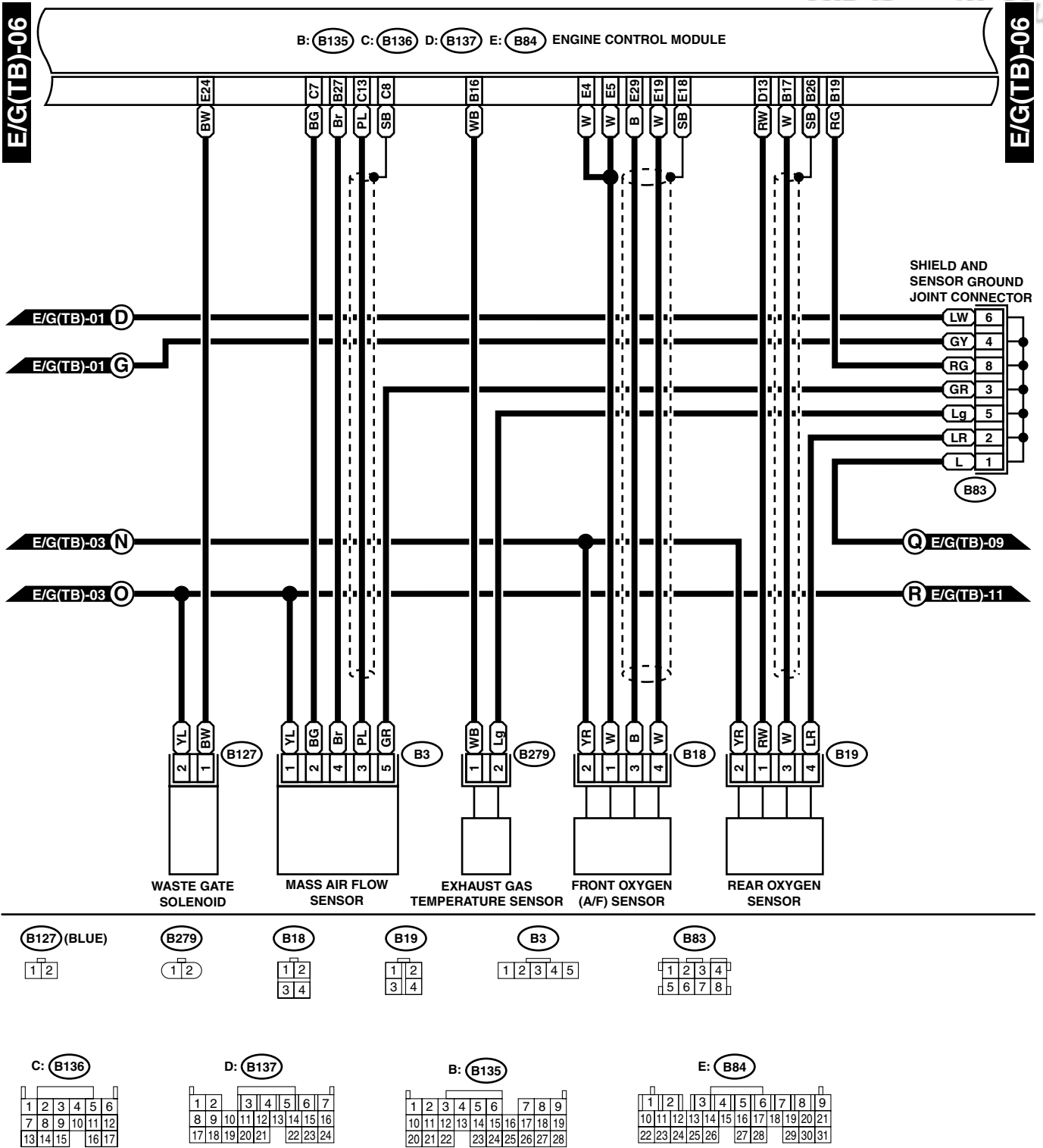
A: B134



WI-02788

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



WI-02476

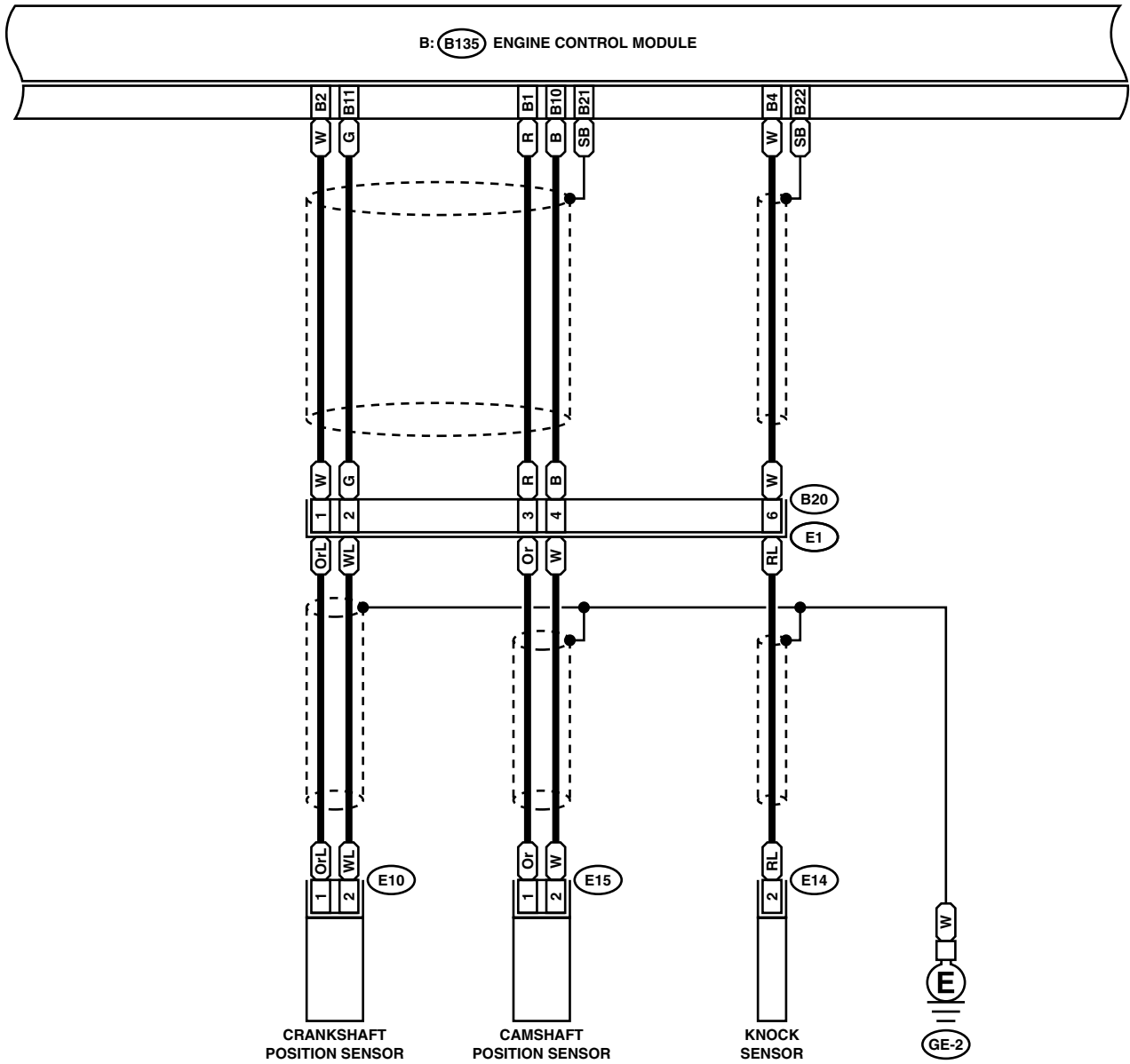
ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM

Brought to you by Eris Studios
NOT FOR SALE

E/G(TB)-07

E/G(TB)-07



- (E10) (LIGHT GRAY)
- (E14) (LIGHT GRAY)
- (E15) (LIGHT GRAY)
- 1 2

(B20) (LIGHT GRAY)

1	2	3	4
5	6	7	
8	9	10	

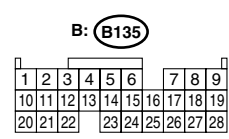
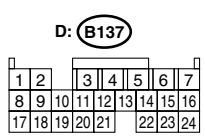
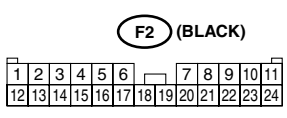
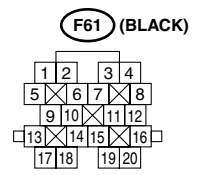
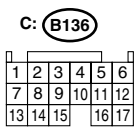
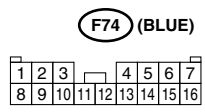
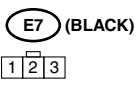
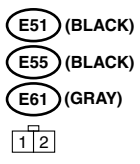
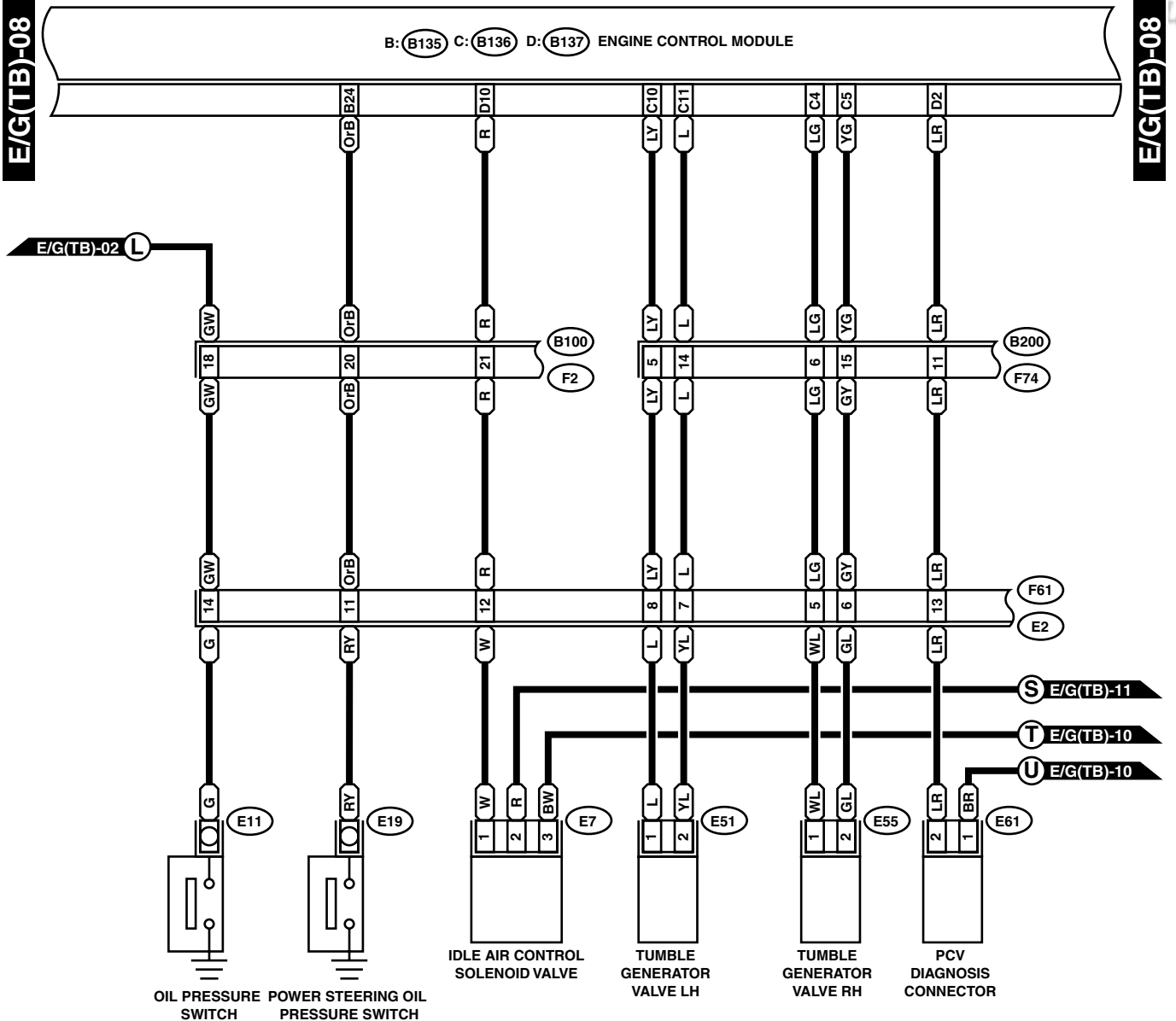
B: (B135)

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	

WI-02477

ENGINE ELECTRICAL SYSTEM

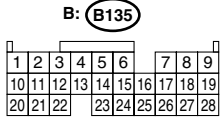
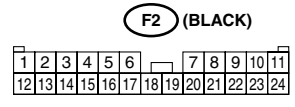
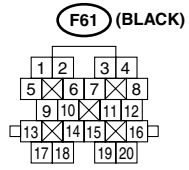
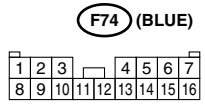
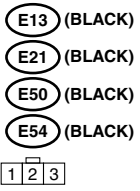
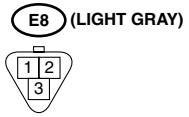
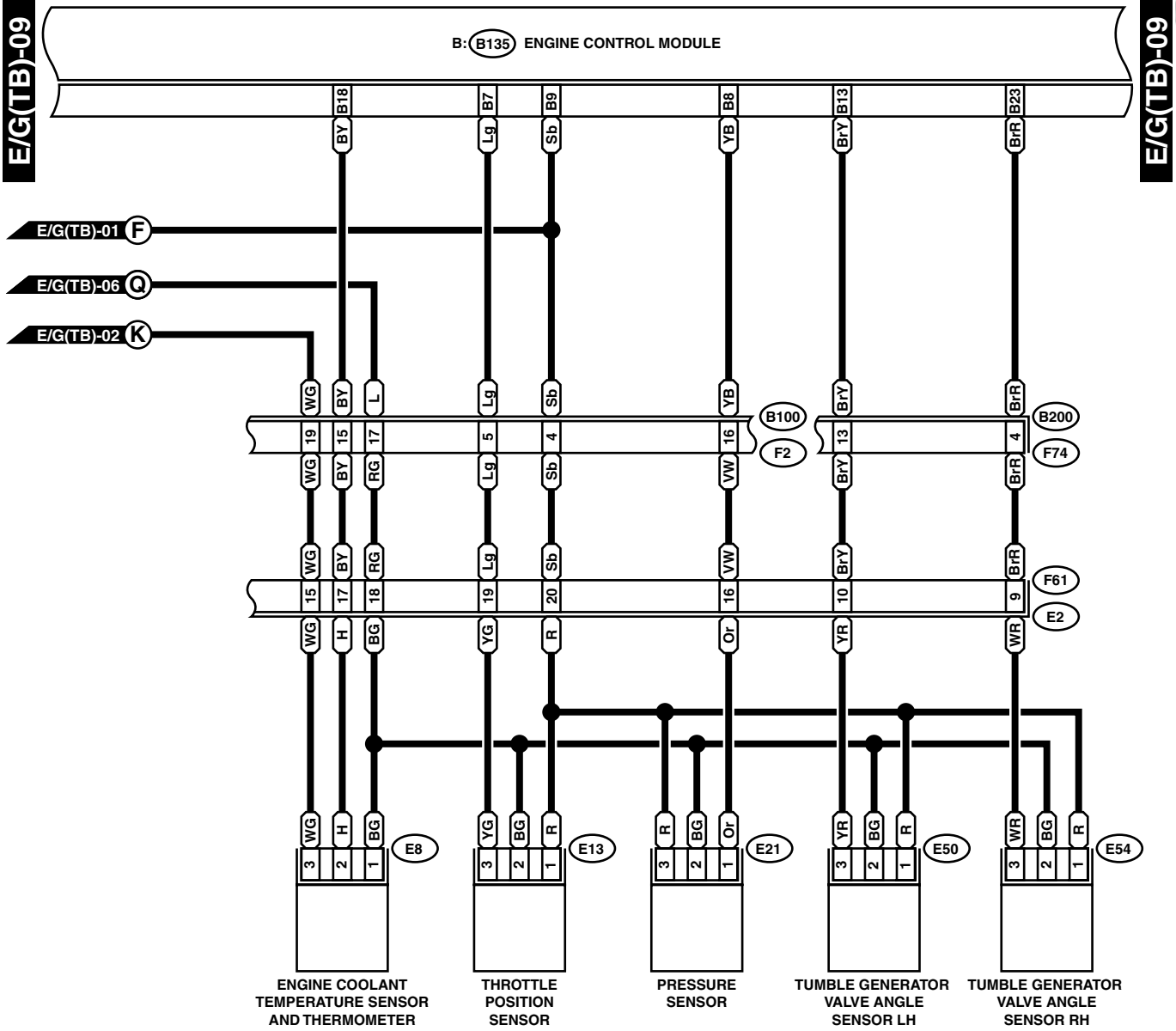
WIRING SYSTEM



WI-02478

ENGINE ELECTRICAL SYSTEM

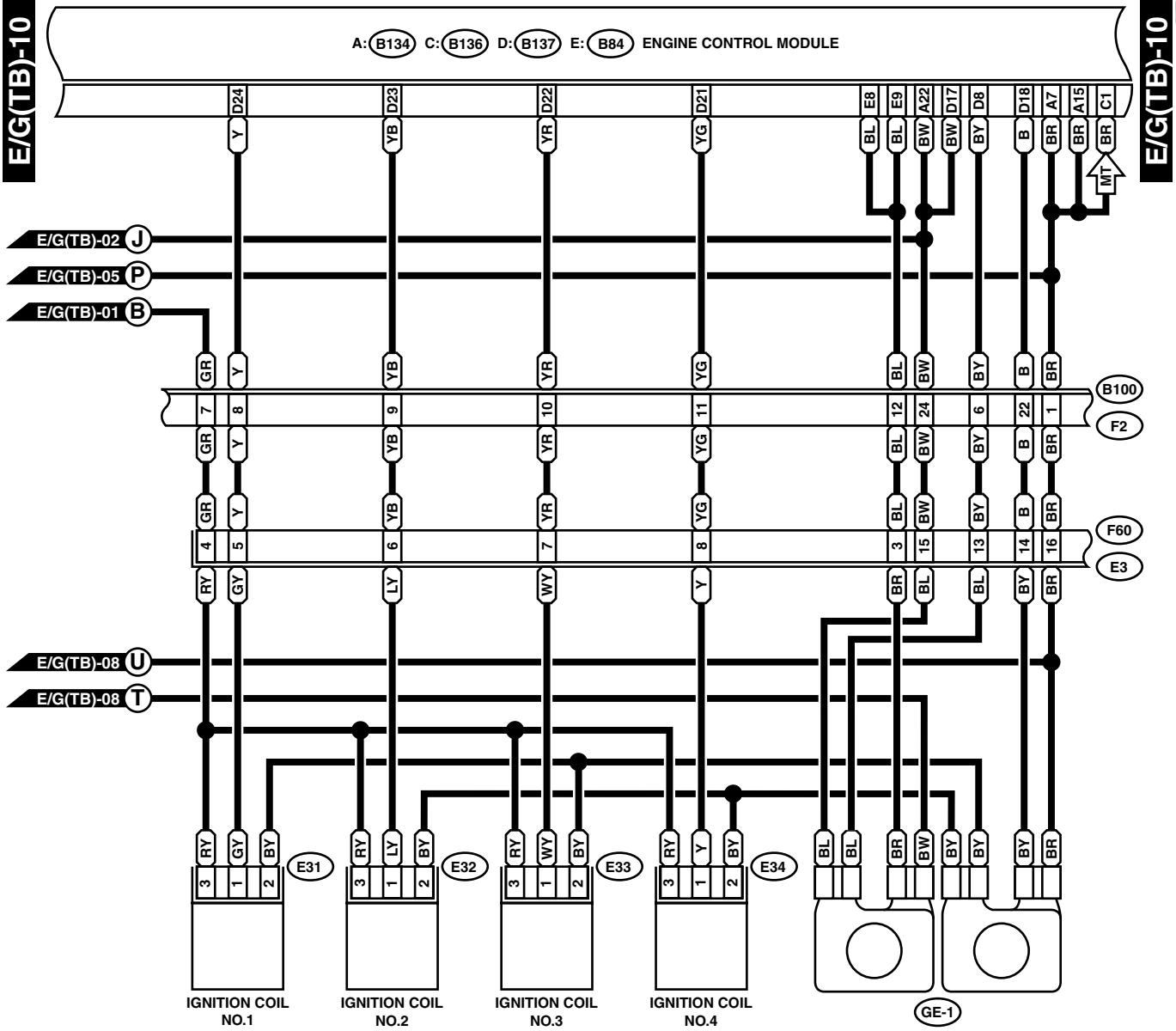
WIRING SYSTEM



WI-02479

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



E31

F60 (BROWN)

C: B136

A: B134

F2 (BLACK)

D: B137

E32

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	

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

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

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

E33 (BLACK)

E34 (BLACK)

1
2
3

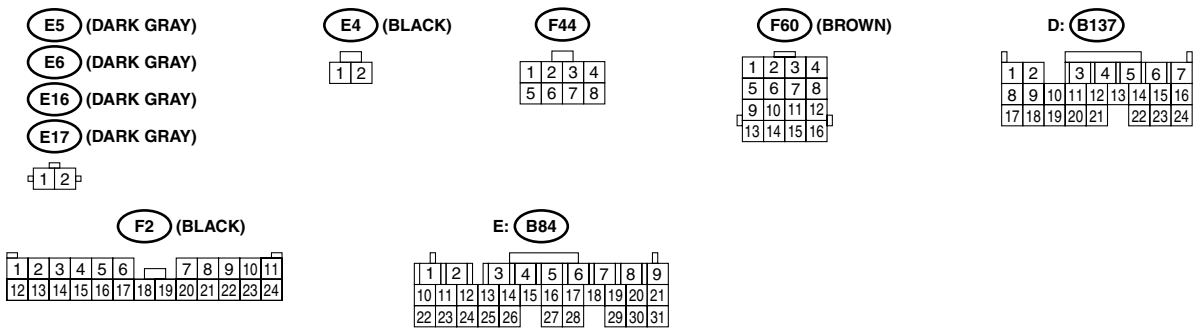
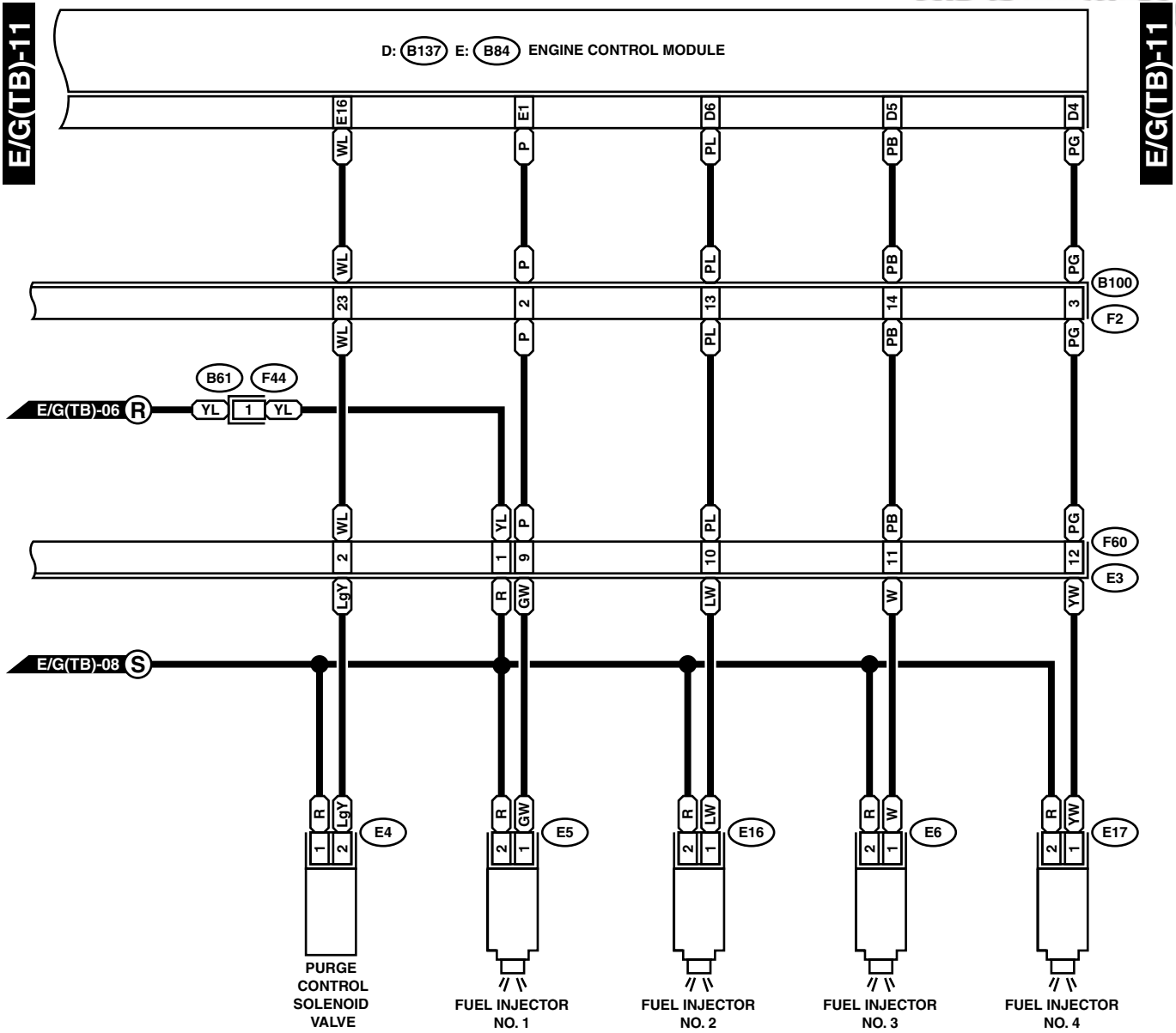
E: B84

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

WI-02480

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



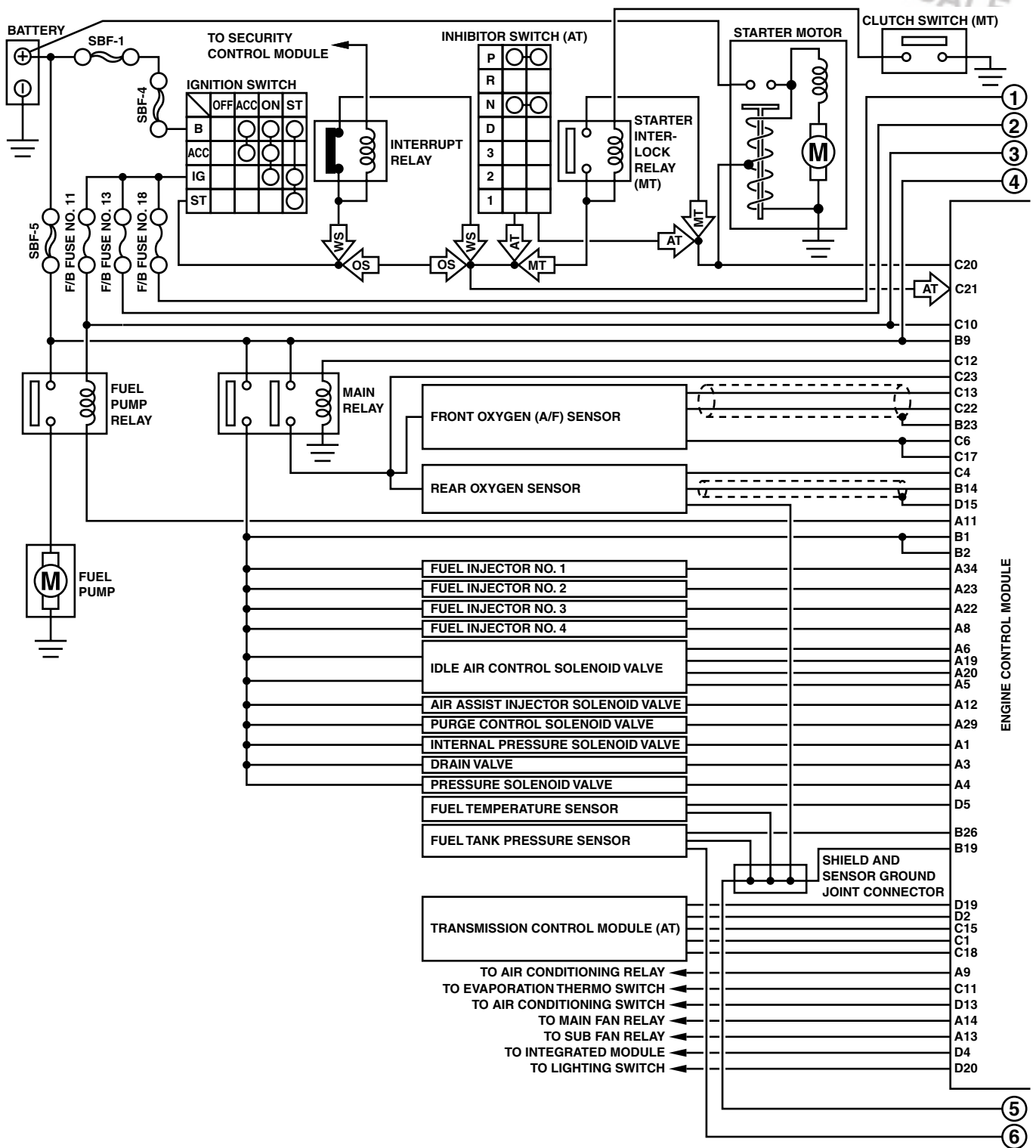
WI-02481

Brought to you by Eris Studios
NOT FOR RESALE

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM

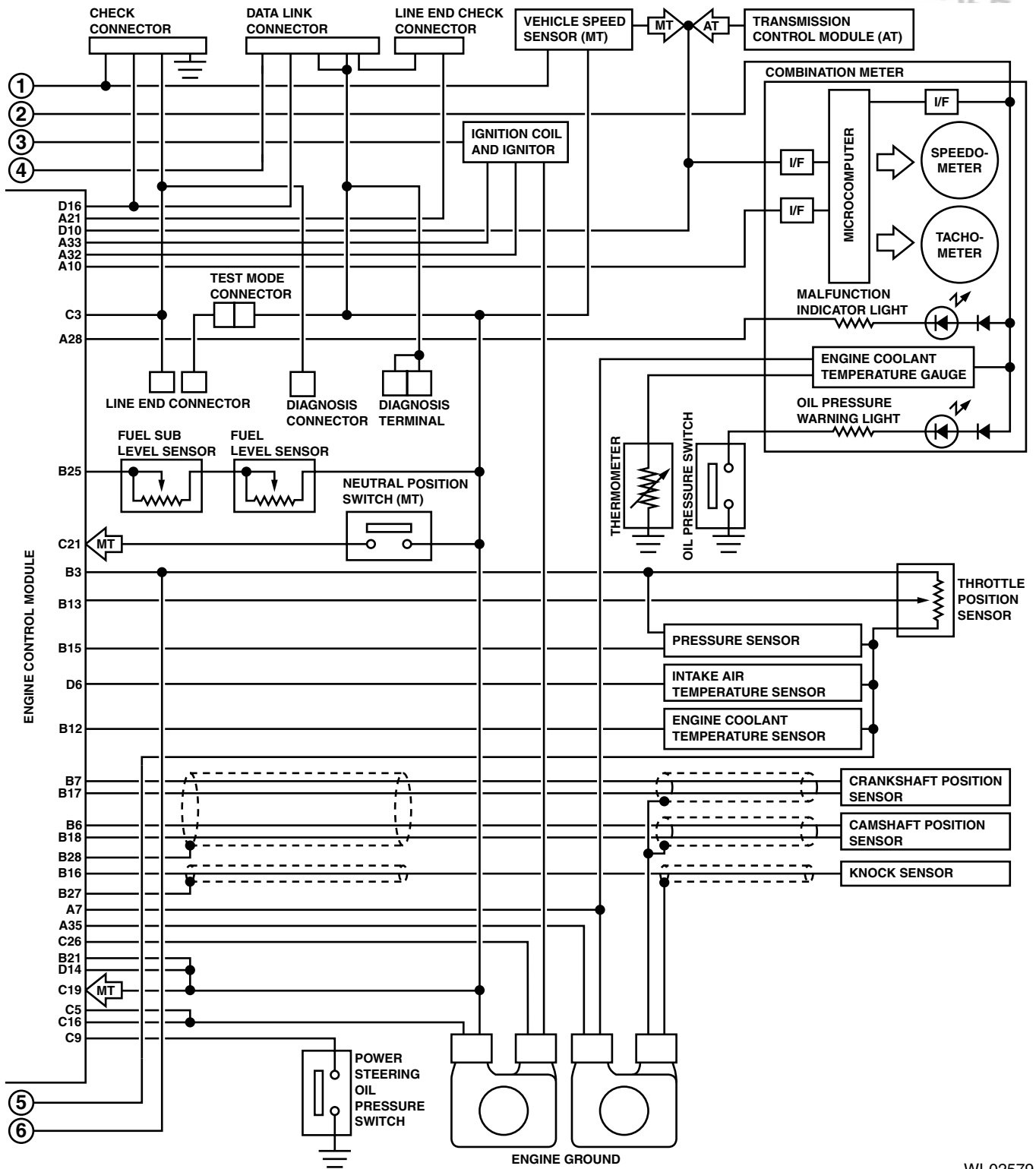
2. SOHC MODEL



WI-02578

ENGINE ELECTRICAL SYSTEM

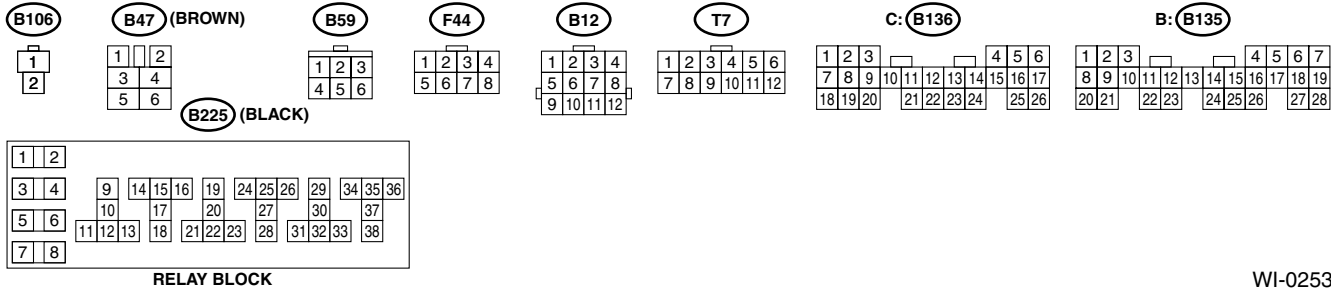
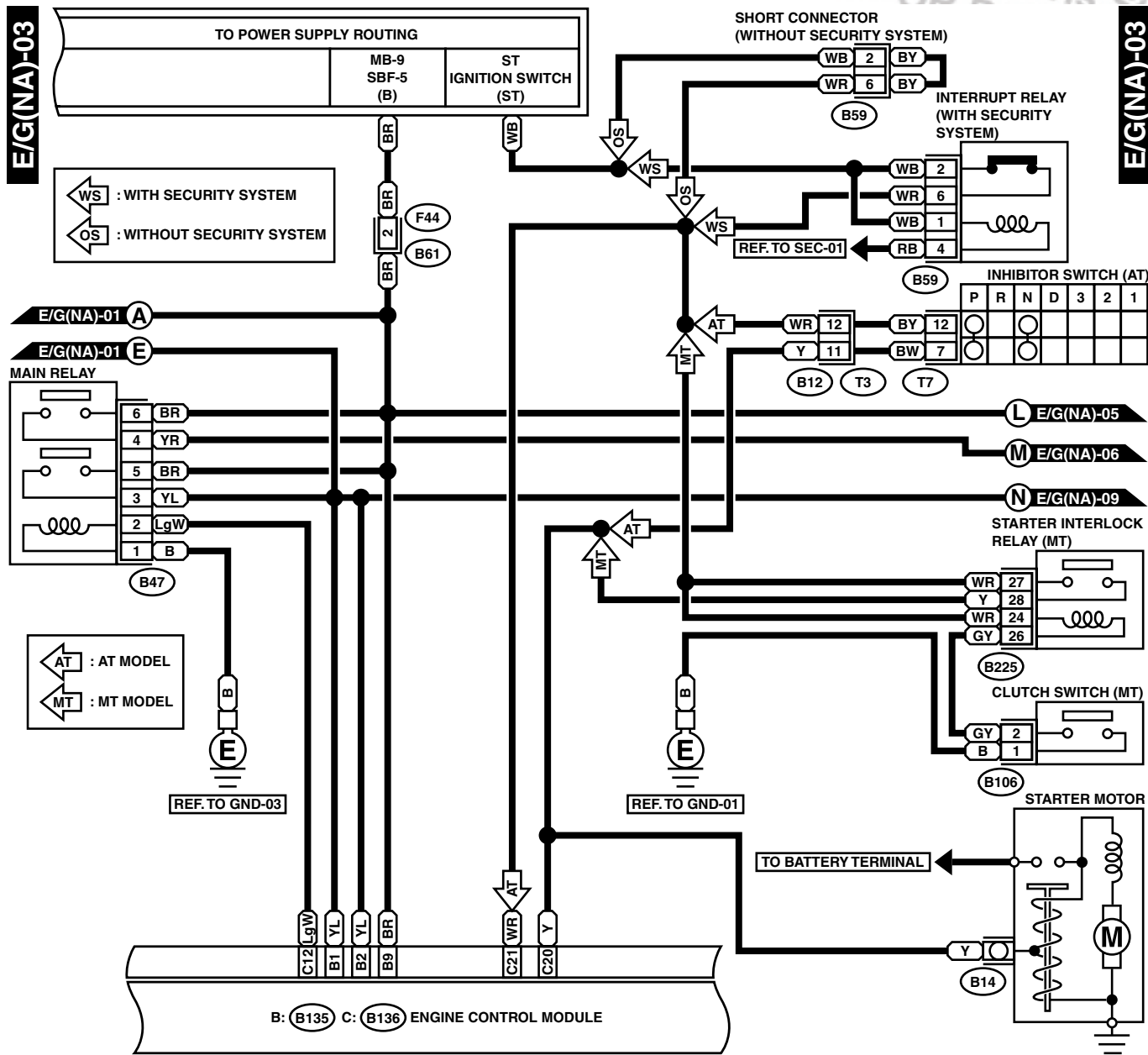
WIRING SYSTEM



WI-02579

ENGINE ELECTRICAL SYSTEM

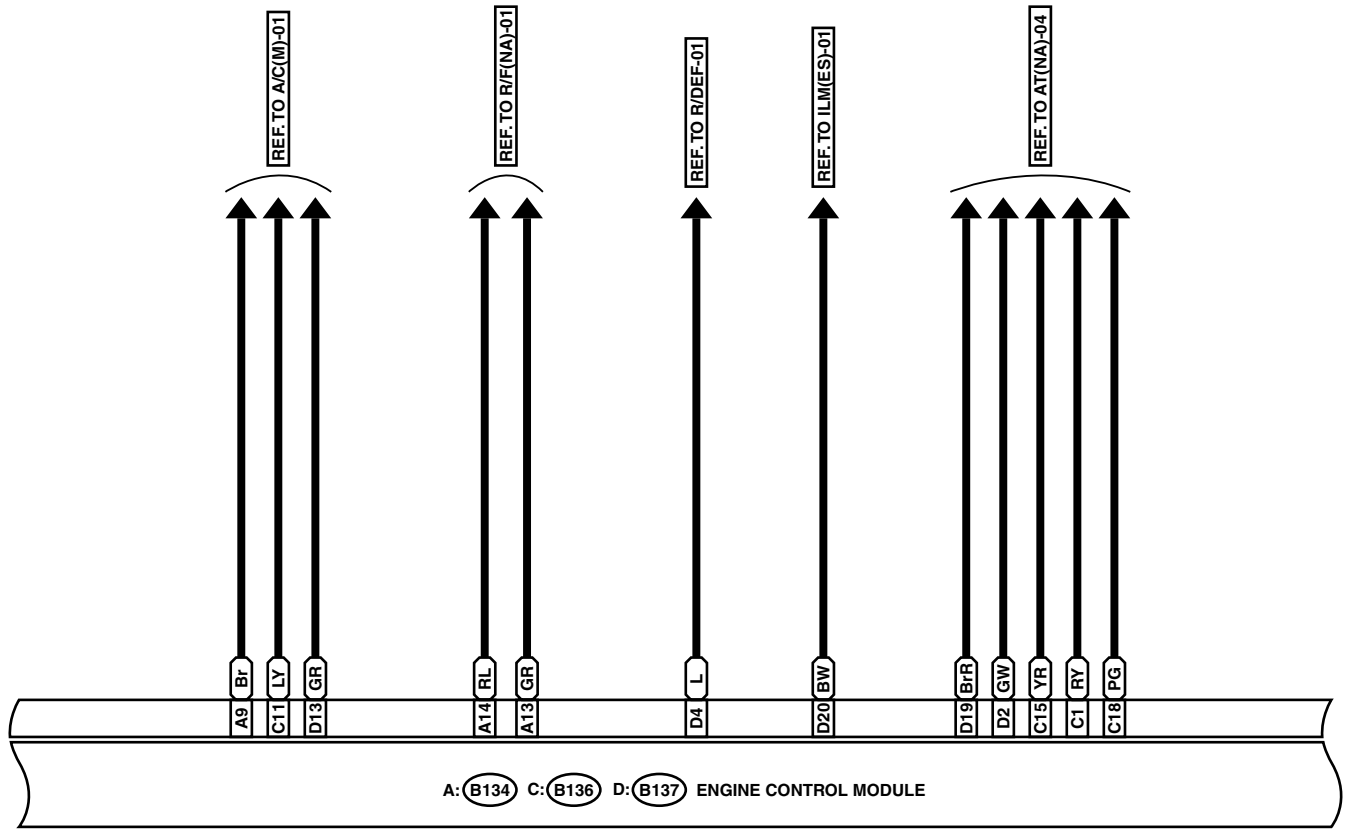
WIRING SYSTEM



WI-02537

E/G(NA)-04

E/G(NA)-04



D: (B137)

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

C: (B136)

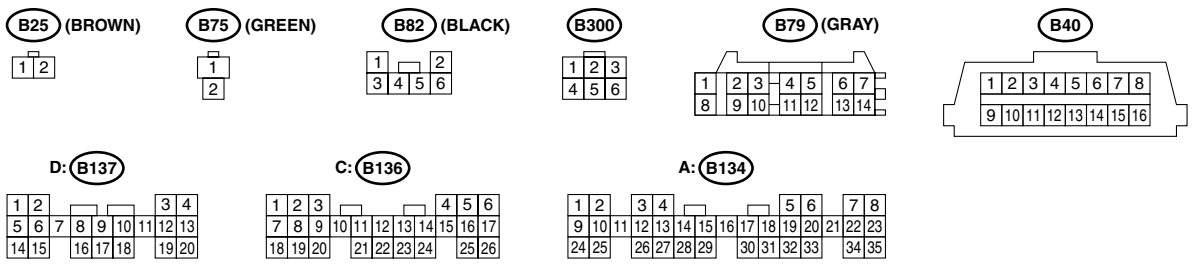
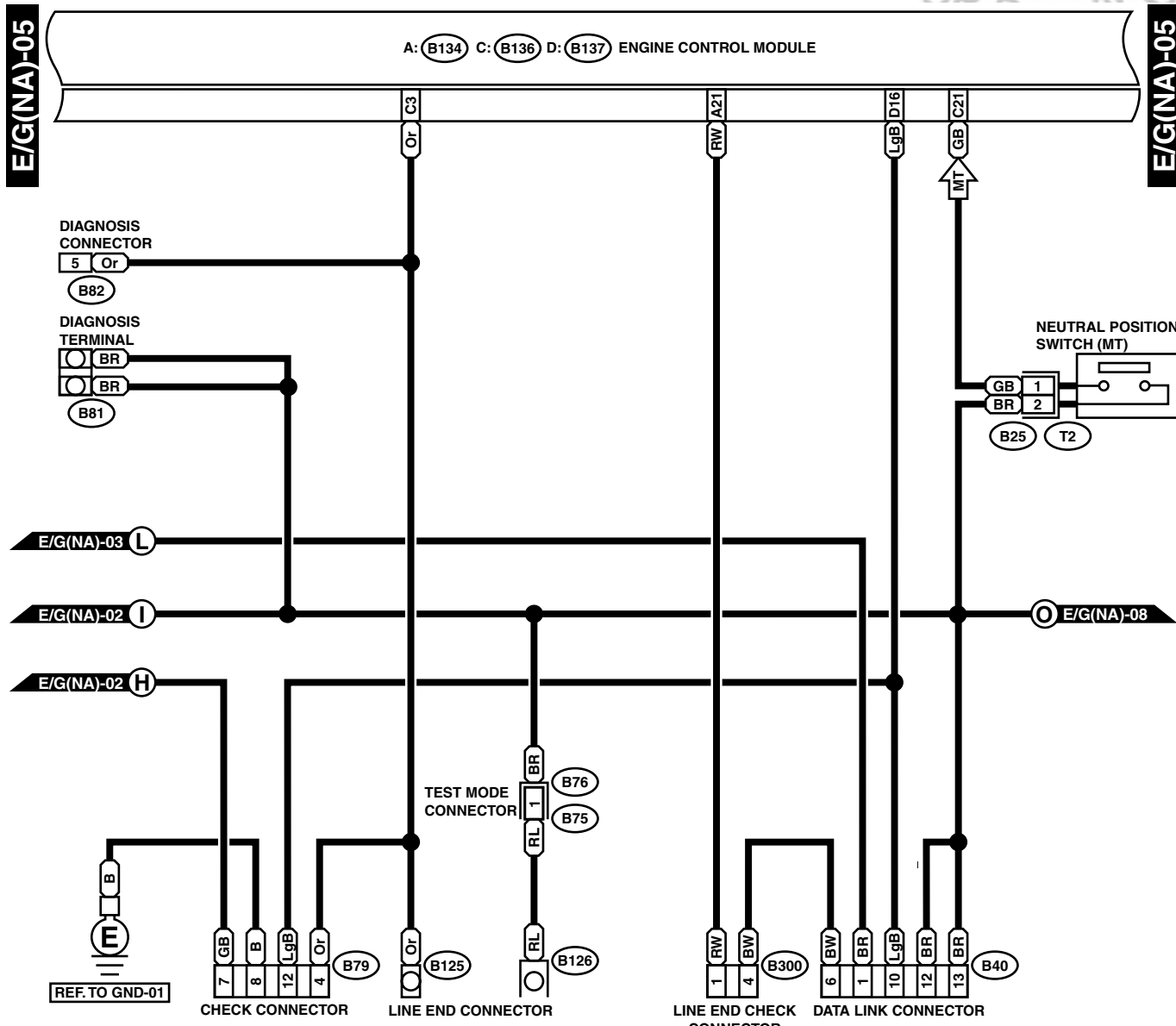
1	2	3			4
5	6	7	8	9	10
11	12	13	14	15	16
17	18	19	20	21	22
23	24	25	26		

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

ENGINE ELECTRICAL SYSTEM

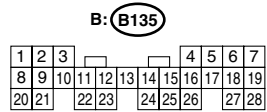
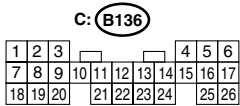
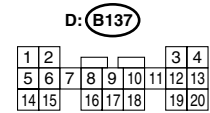
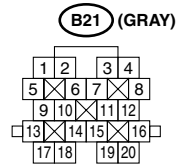
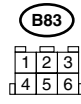
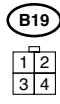
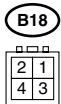
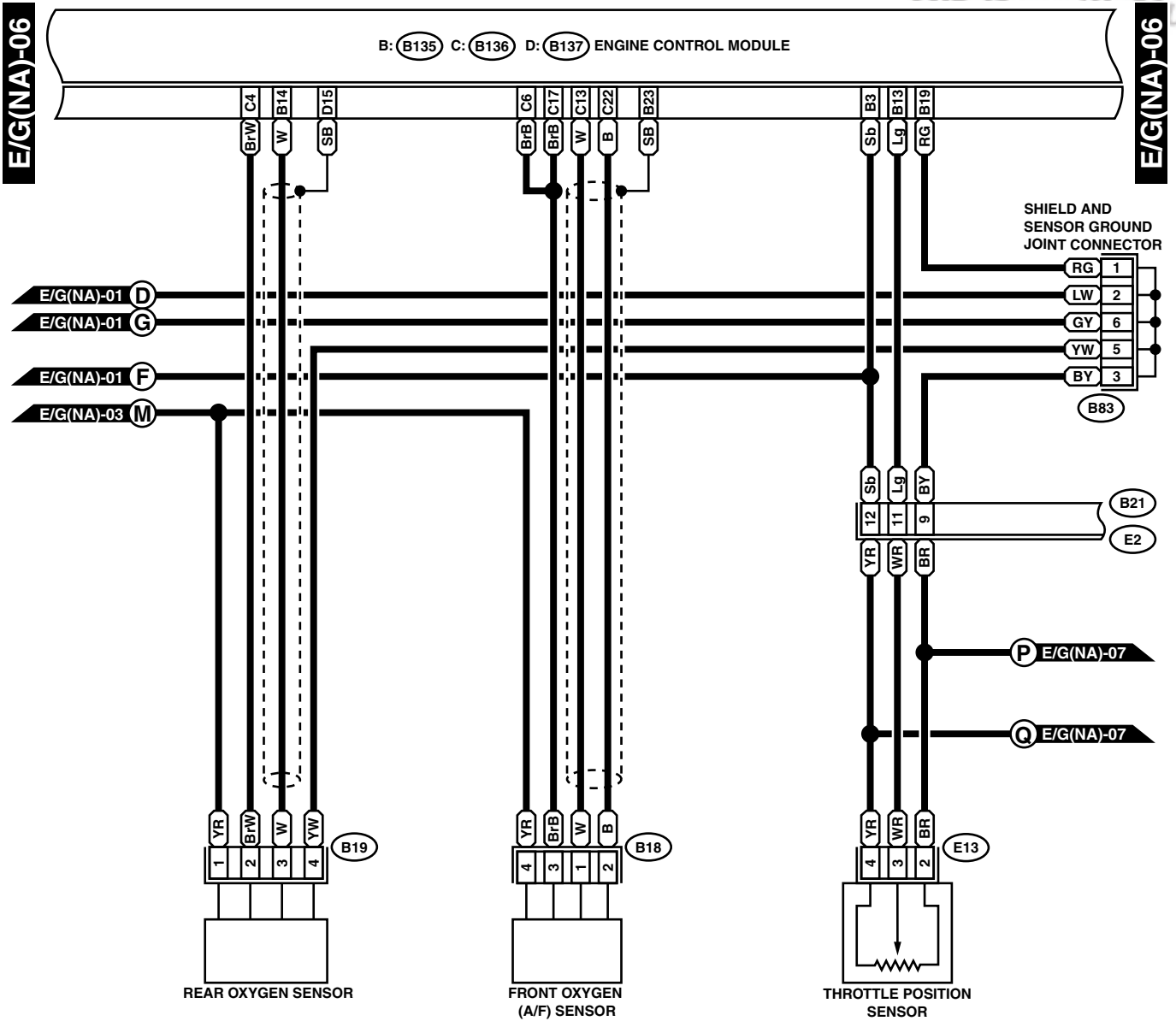
WIRING SYSTEM



WI-02539

ENGINE ELECTRICAL SYSTEM

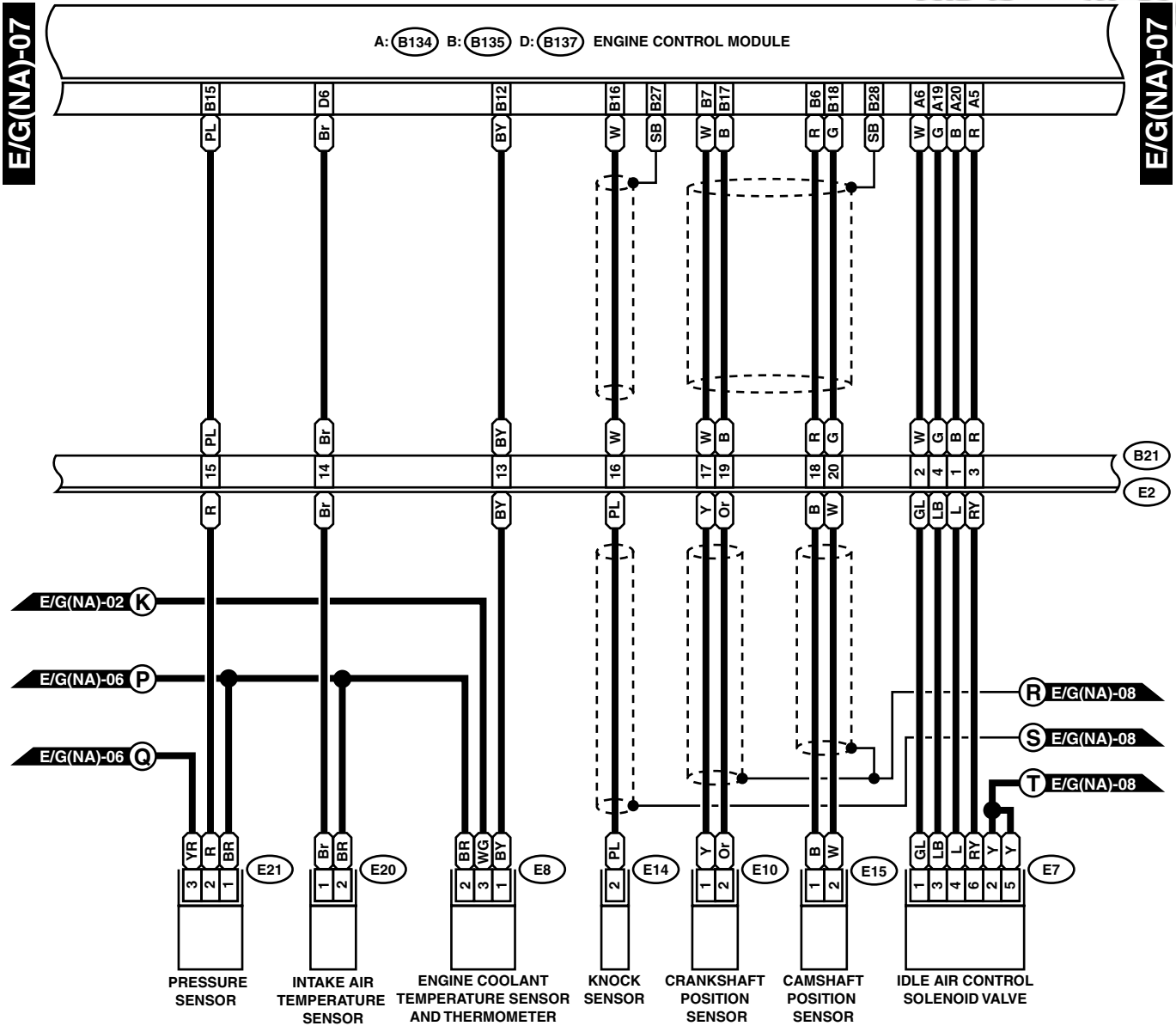
WIRING SYSTEM



WI-02483

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



E10 (LIGHT GRAY)

E8 (LIGHT GRAY)

E21 (LIGHT GRAY)

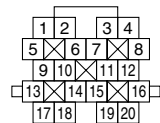
E7 (BLACK)

B21 (GRAY)

E14 (LIGHT GRAY)



1 2 3



E15 (GRAY)

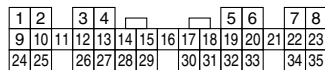
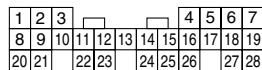
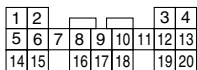
E20 (BLACK)



D: B137

B: B135

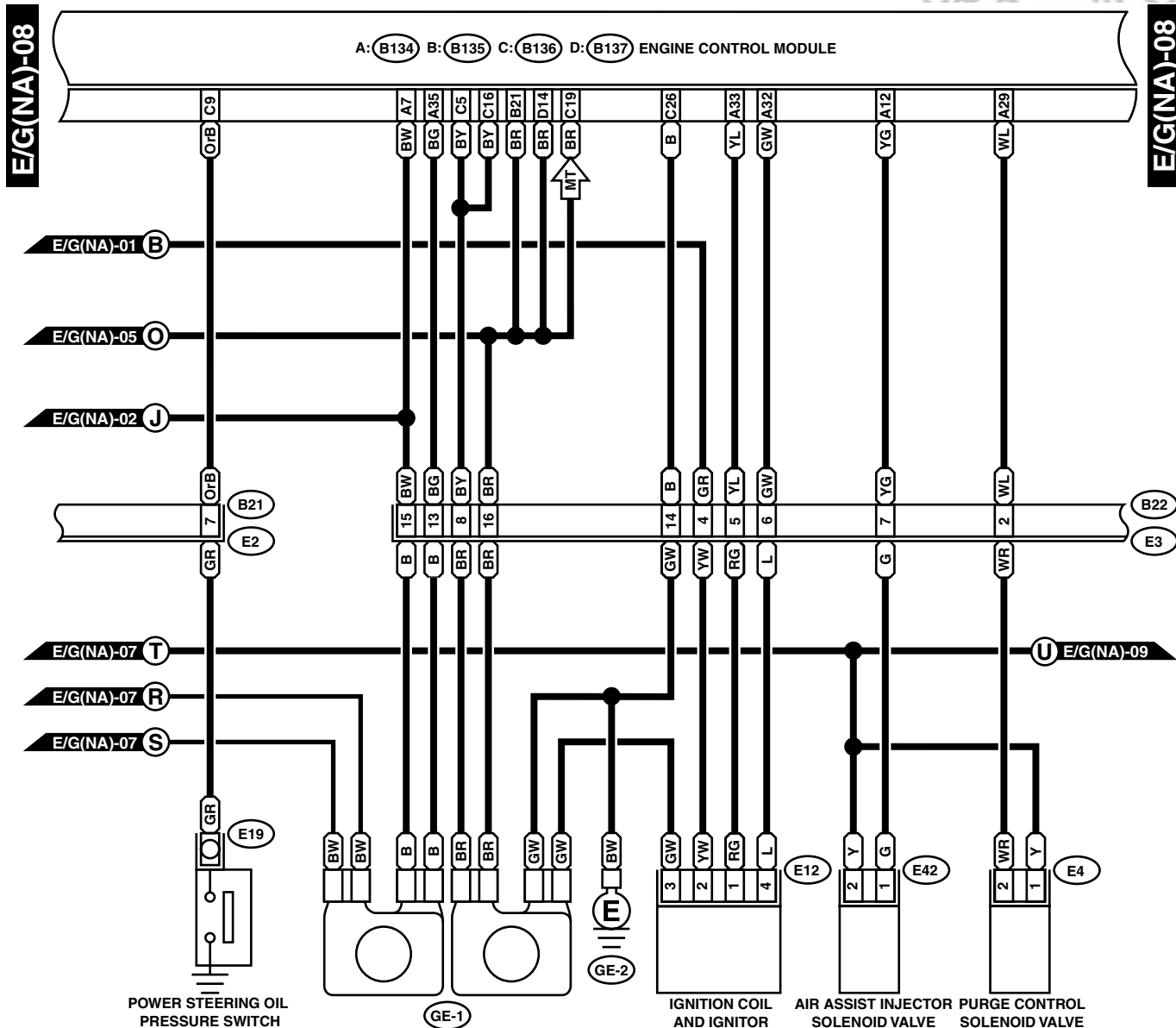
A: B134



WI-02484

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM

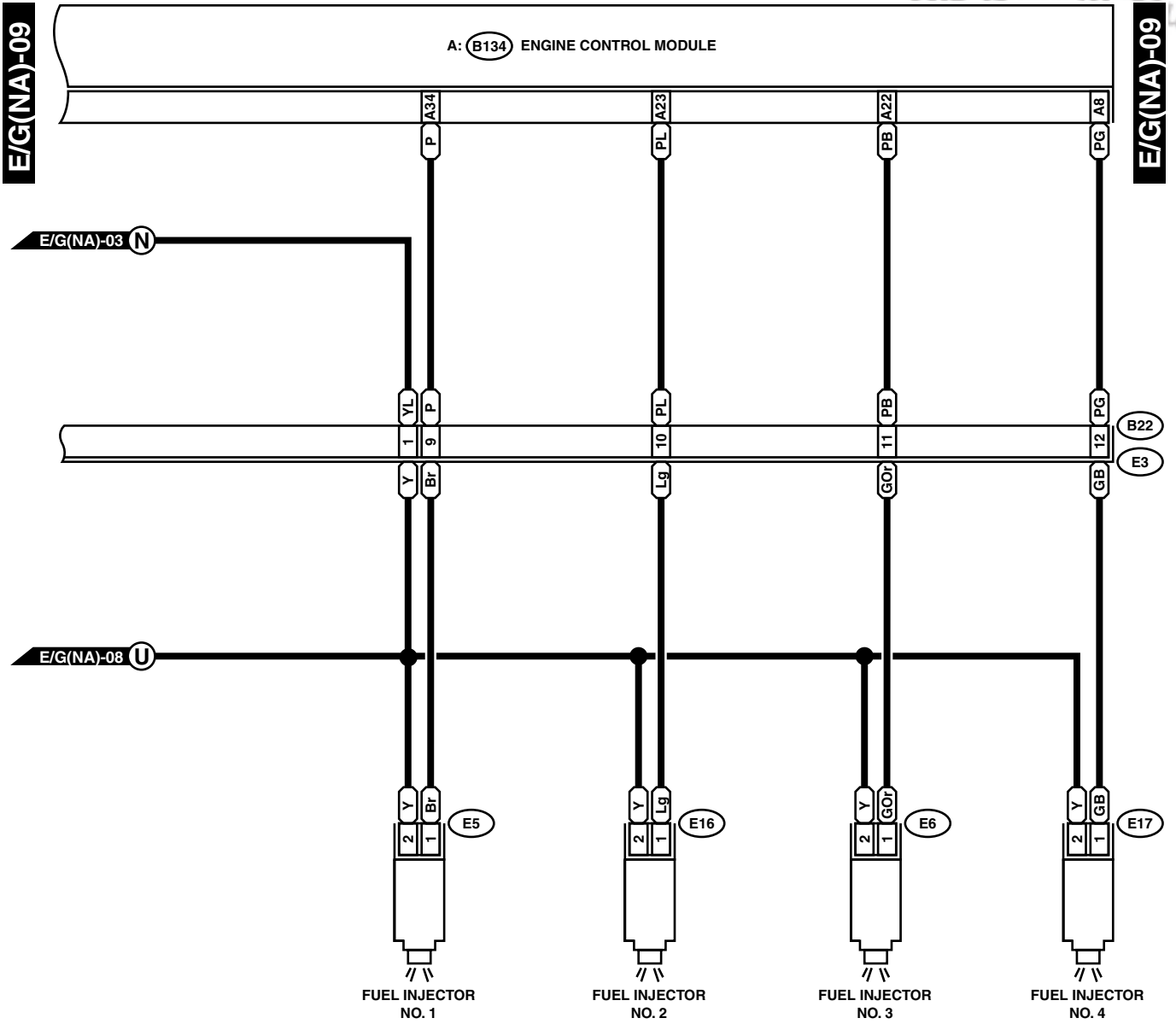


E4 (BLACK) E42 (PURPLE) 1 2	E12 (DARK GRAY) 1 2 3 4	B22 (BROWN) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	B21 (GRAY) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	D: (B137) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
C: (B136) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	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	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		

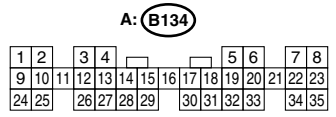
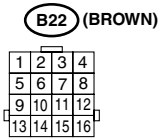
WI-02485

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



- (E5) (LIGHT GRAY)
- (E6) (LIGHT GRAY)
- (E16) (LIGHT GRAY)
- (E17) (LIGHT GRAY)



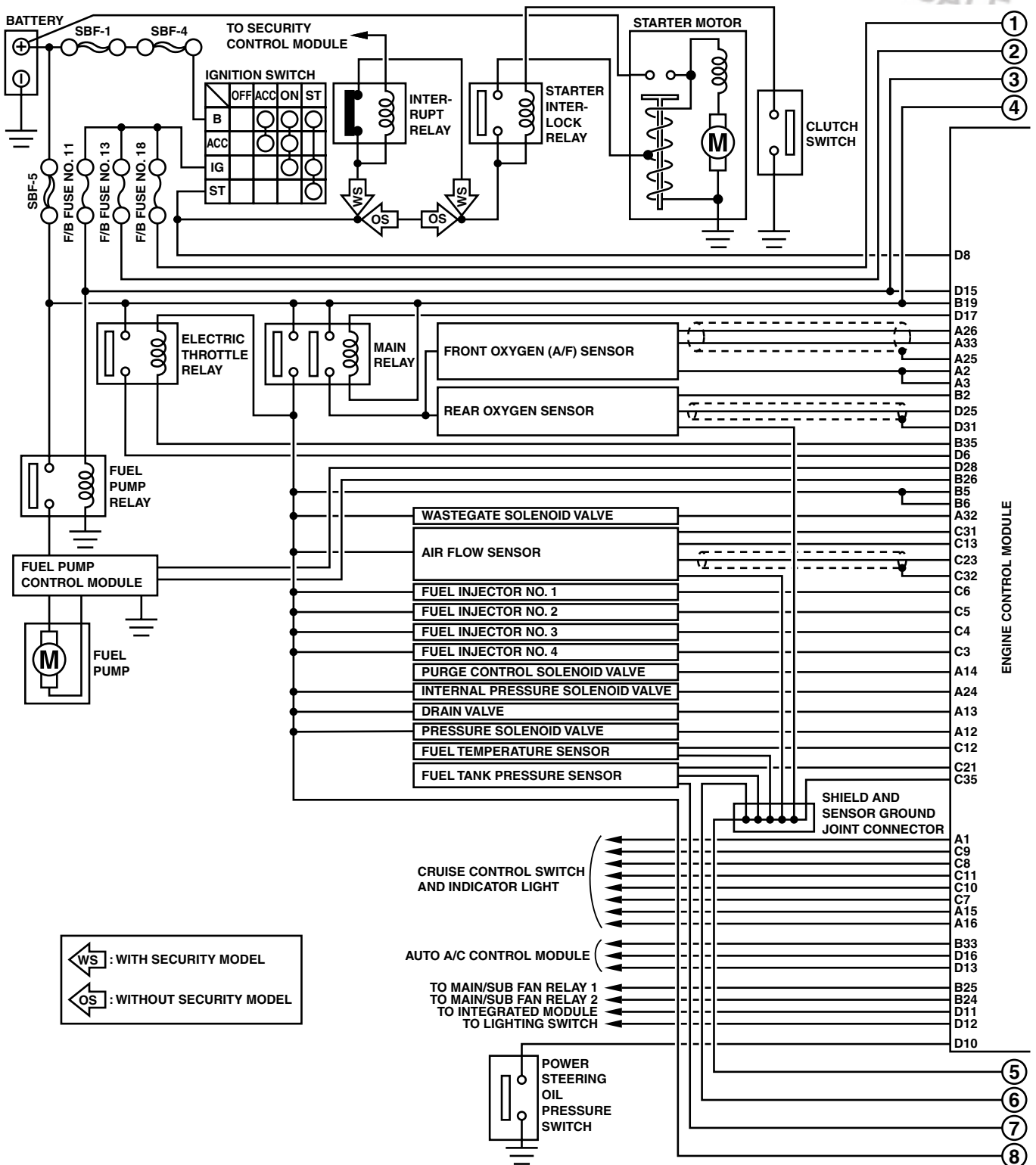
WI-02540

Brought to you by Eris Studios
NOT FOR RESALE

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM

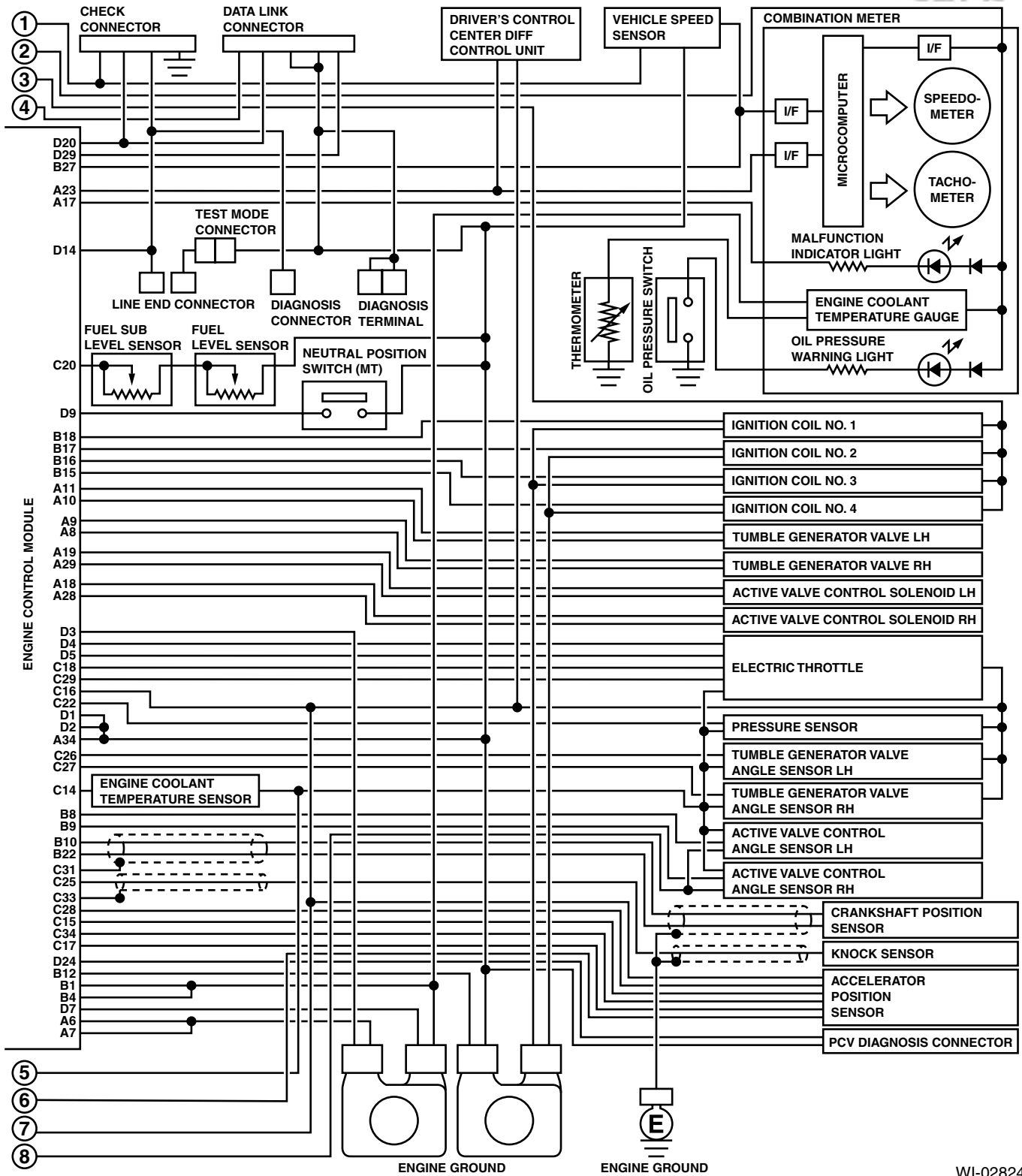
3. STi MODEL



WI-02823

ENGINE ELECTRICAL SYSTEM

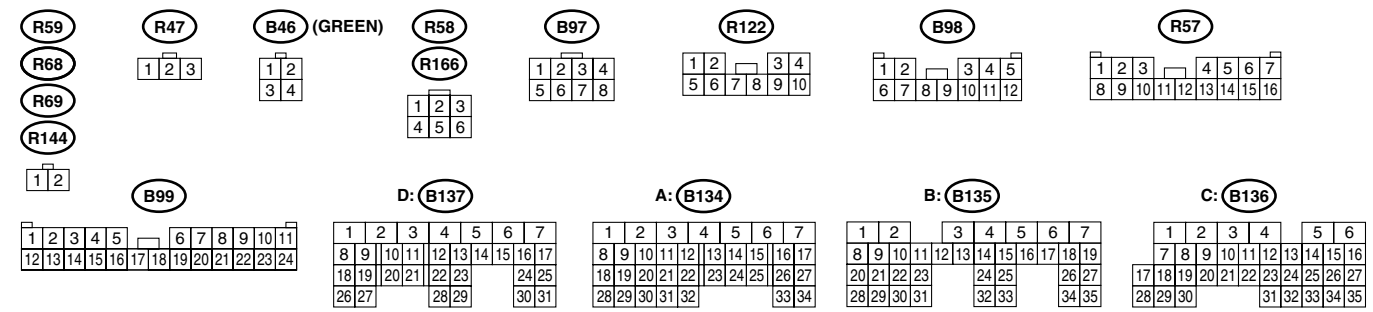
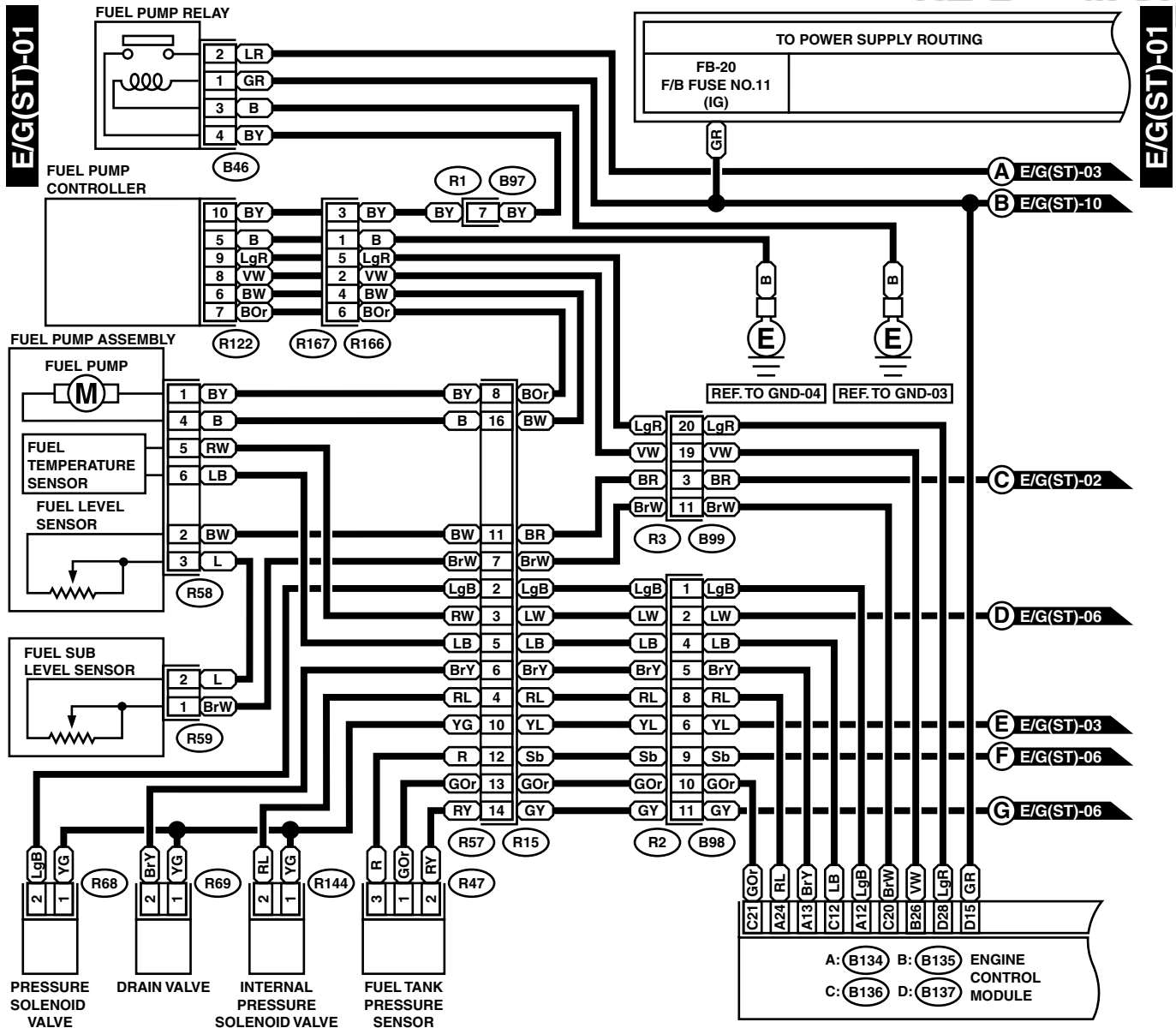
WIRING SYSTEM



WI-02824

ENGINE ELECTRICAL SYSTEM

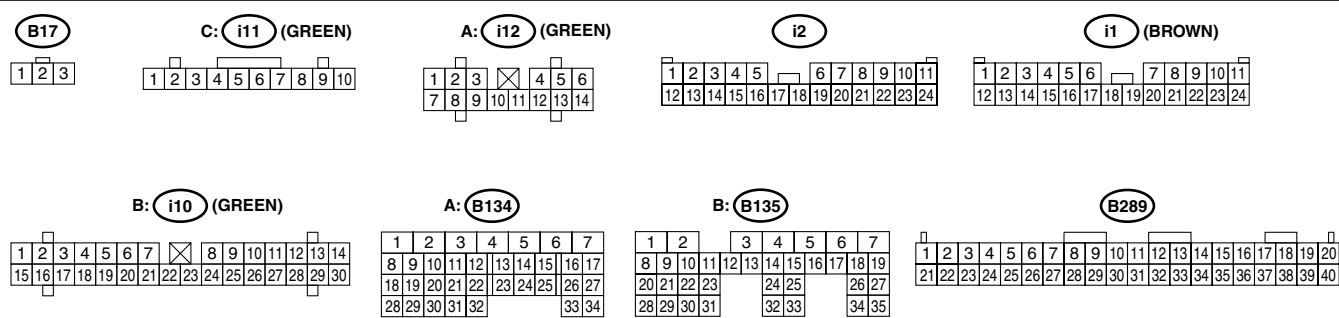
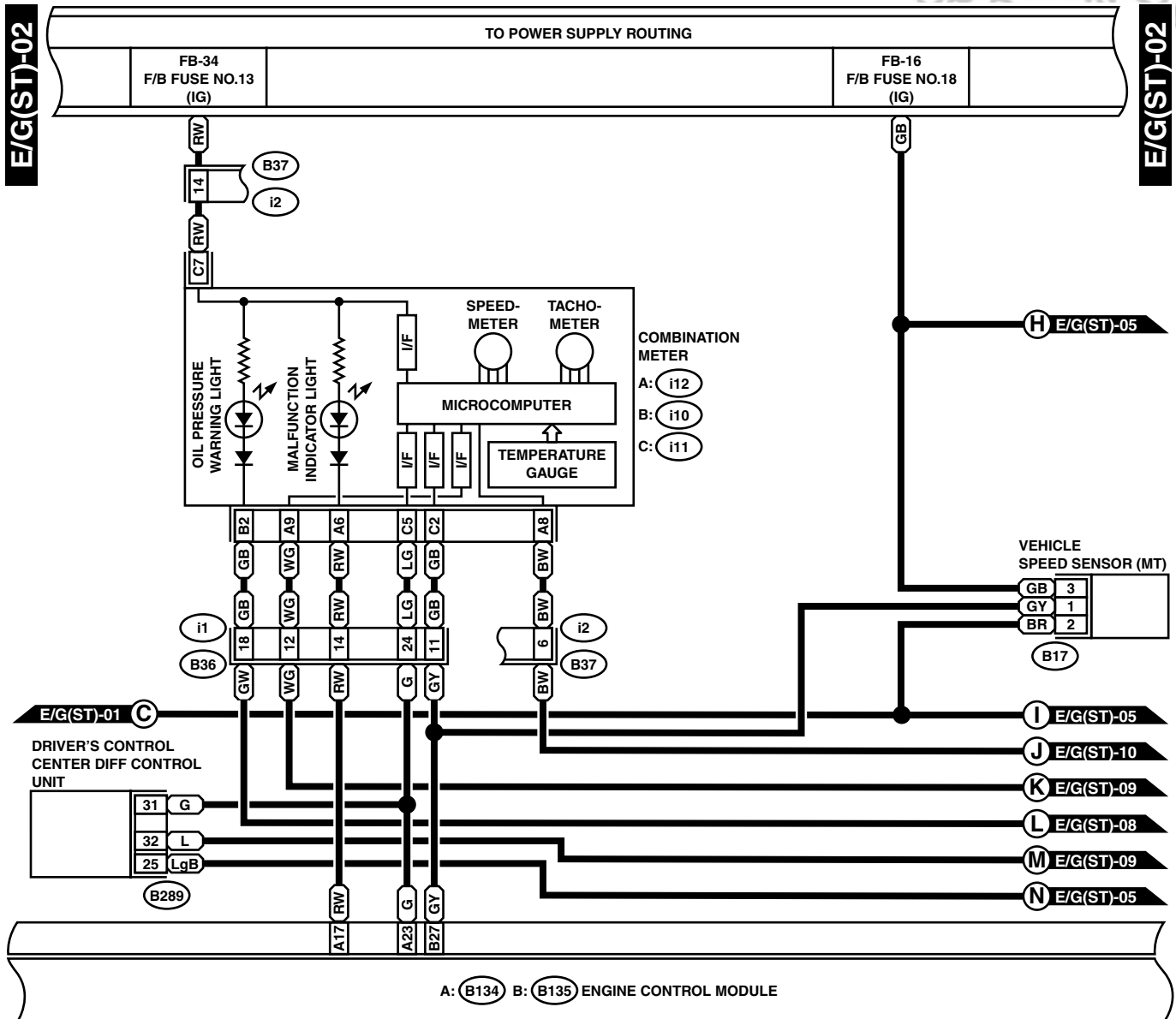
WIRING SYSTEM



WI-02806

ENGINE ELECTRICAL SYSTEM

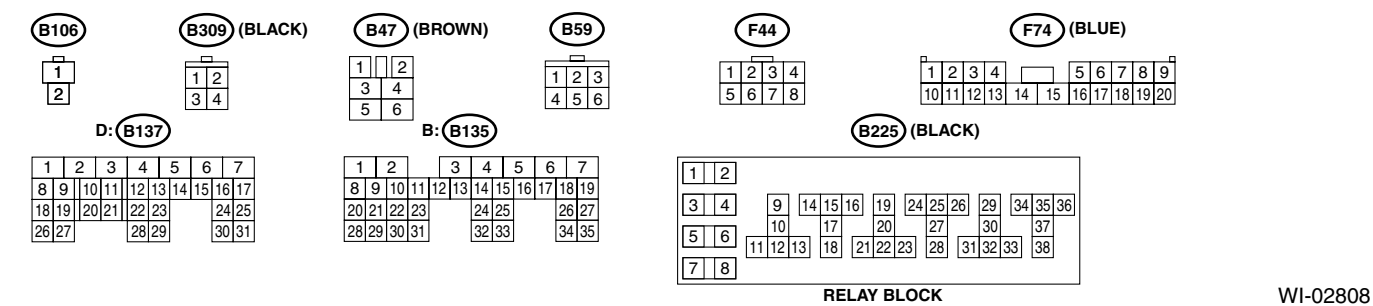
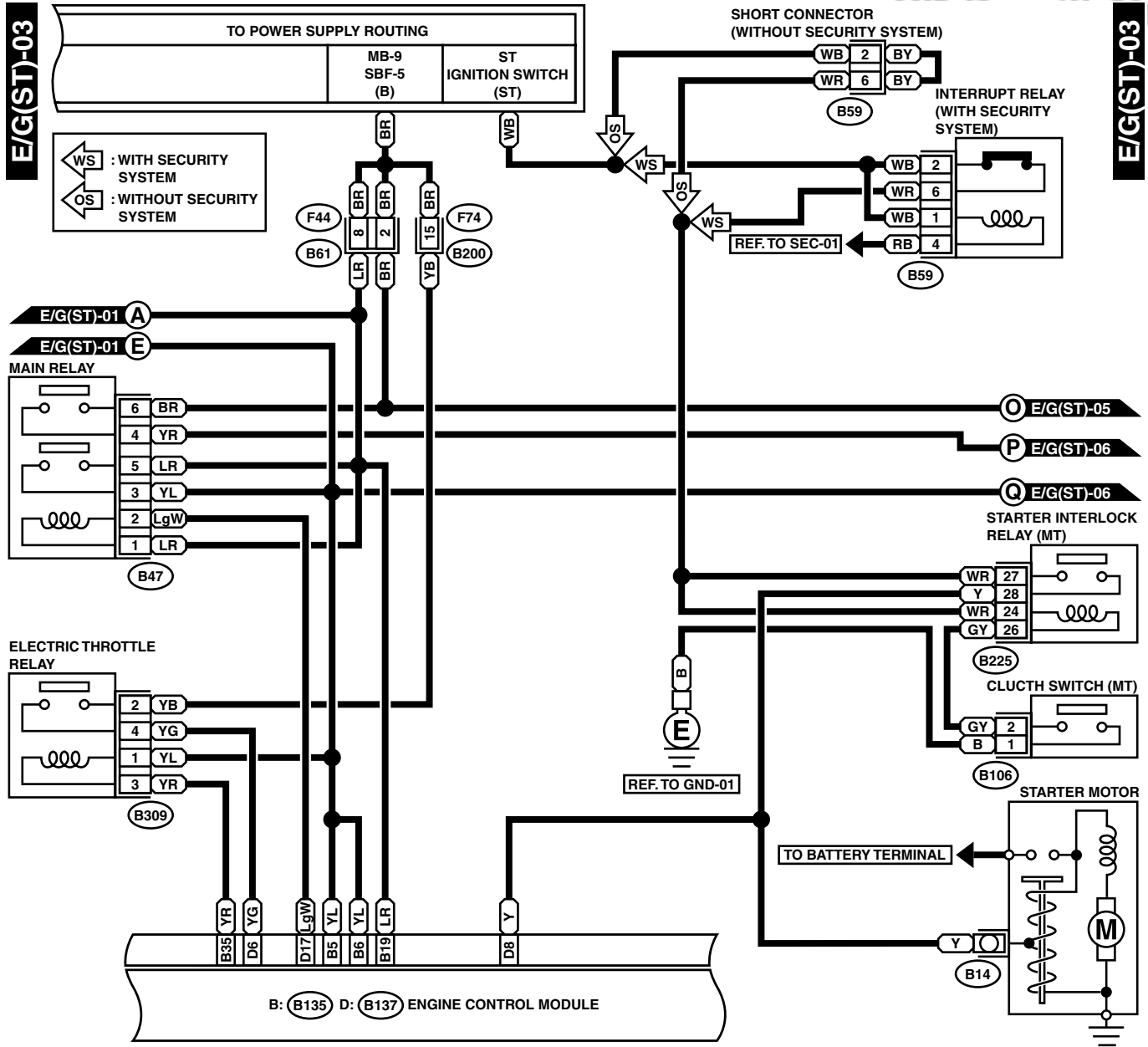
WIRING SYSTEM



WI-02807

ENGINE ELECTRICAL SYSTEM

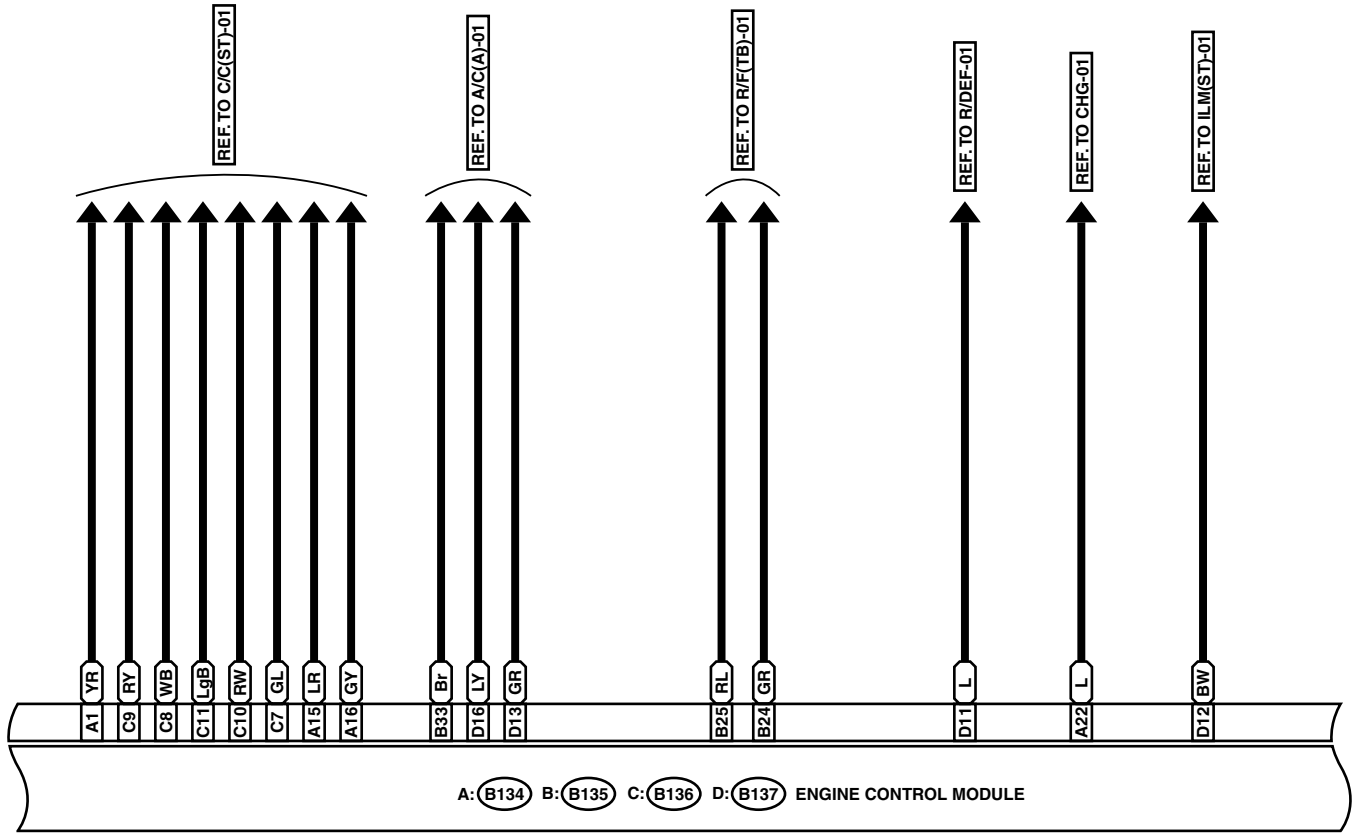
WIRING SYSTEM



WI-02808

E/G(ST)-04

E/G(ST)-04



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)

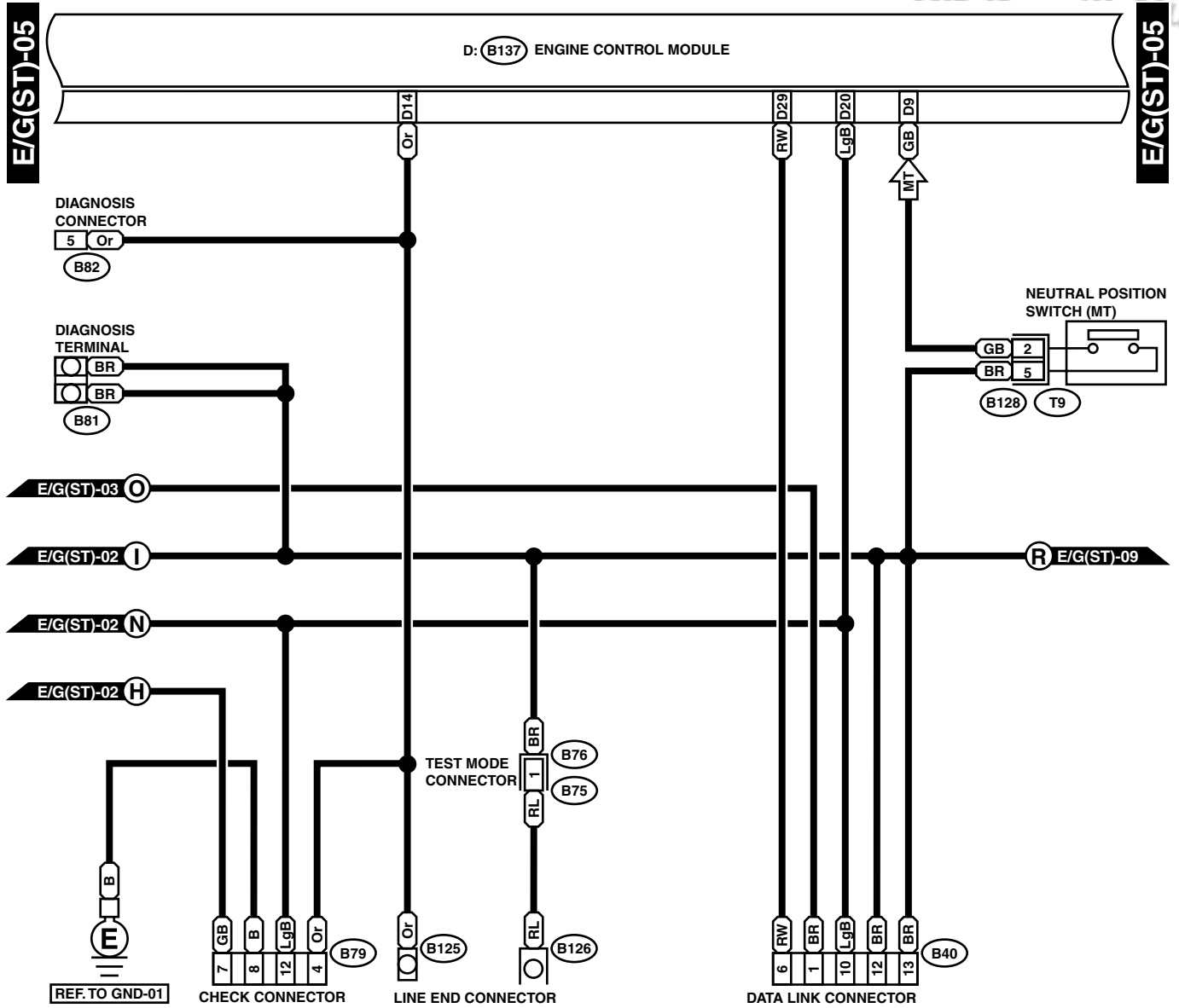
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	35

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
31	32	33	34	35	36

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



B75 (GREEN)



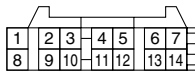
B82 (BLACK)



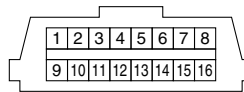
B128



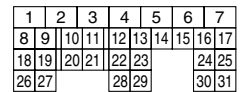
B79 (GRAY)



B40



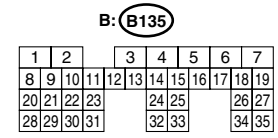
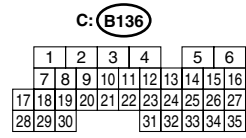
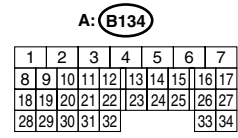
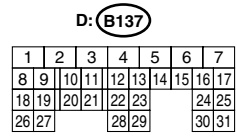
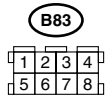
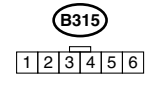
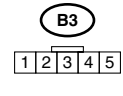
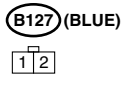
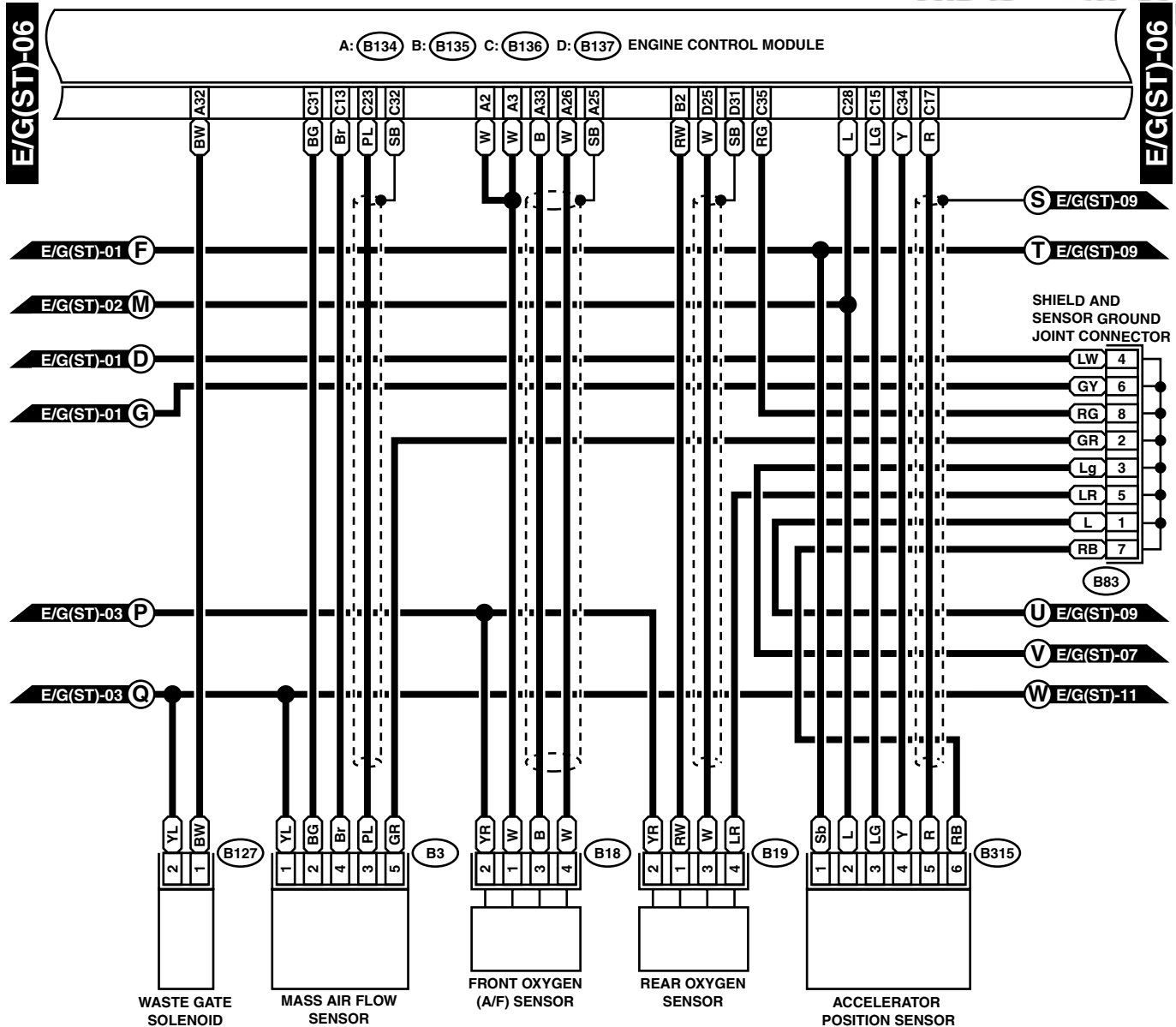
D: B137



WI-02810

ENGINE ELECTRICAL SYSTEM

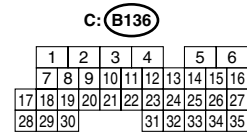
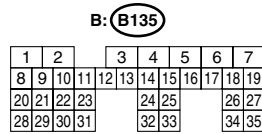
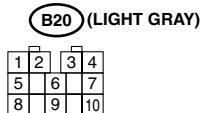
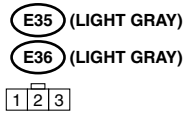
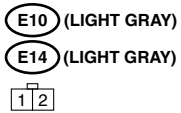
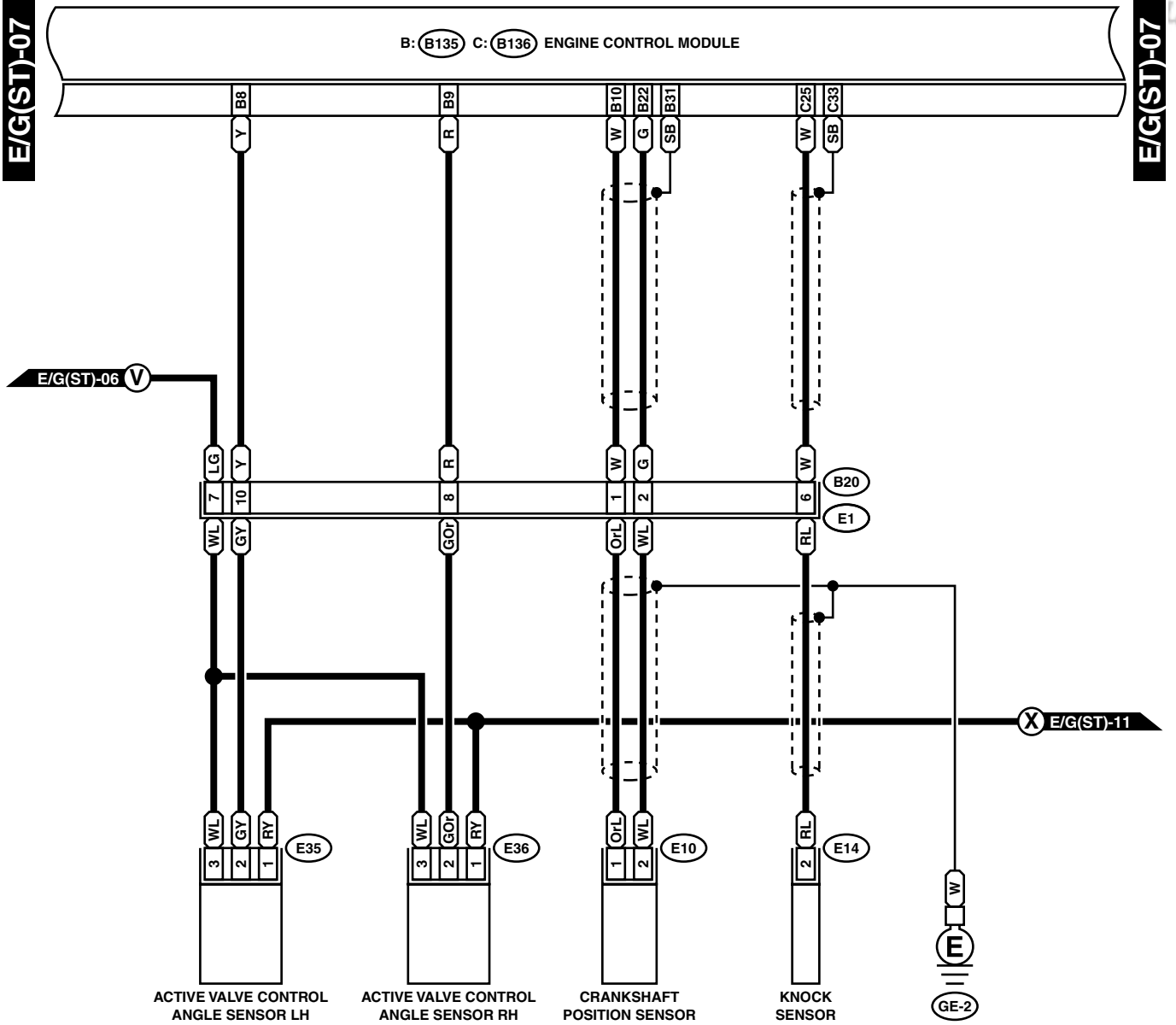
WIRING SYSTEM



WI-02811

ENGINE ELECTRICAL SYSTEM

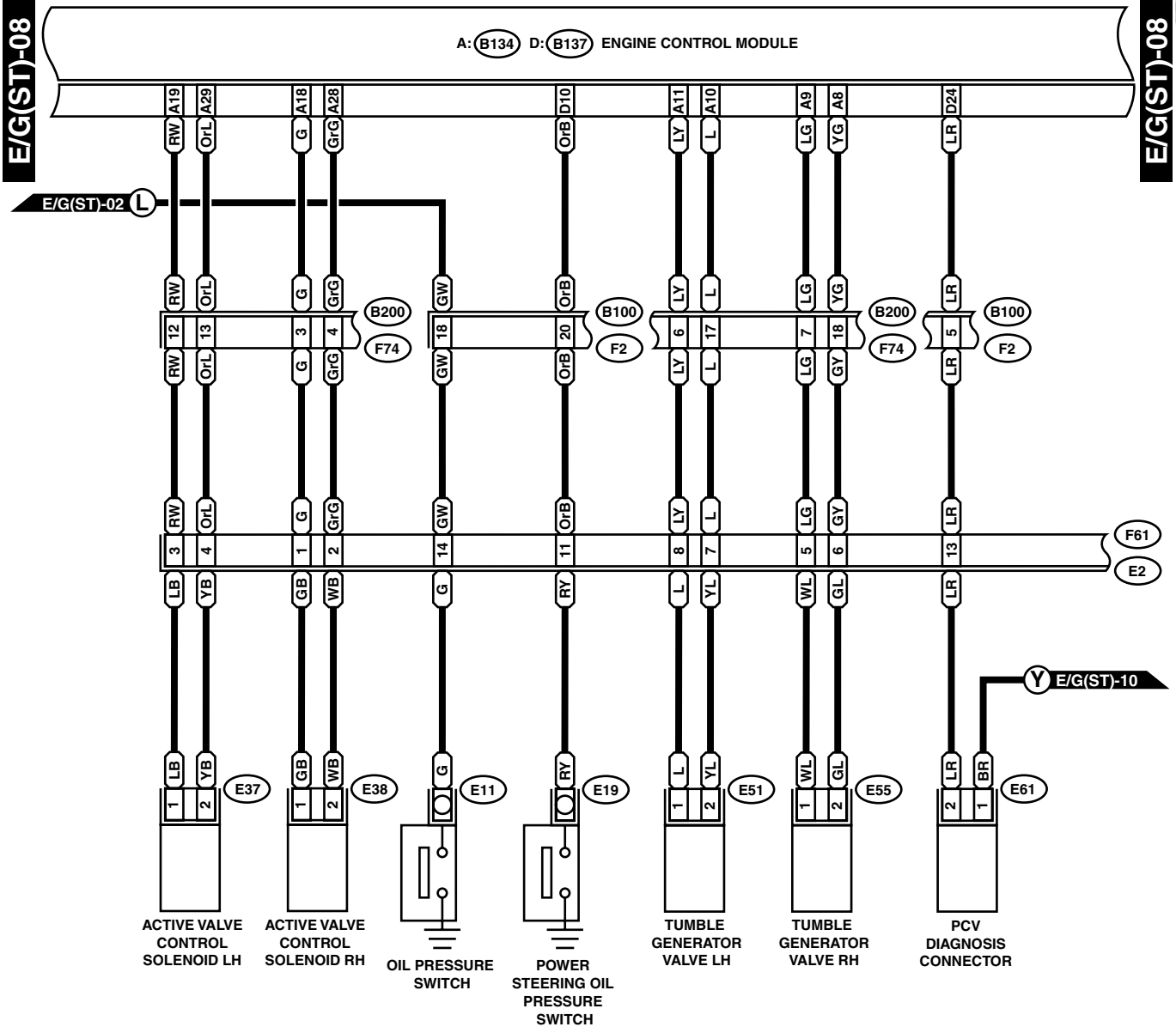
WIRING SYSTEM



WI-02812

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



E37

E38

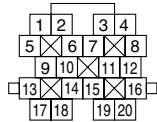
E51 (BLACK)

E55 (BLACK)

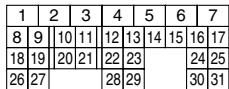
E61 (GRAY)

1 2

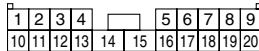
F61 (BLACK)



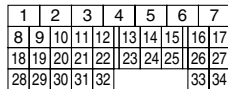
D: B137



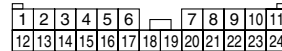
F74 (BLUE)



A: B134



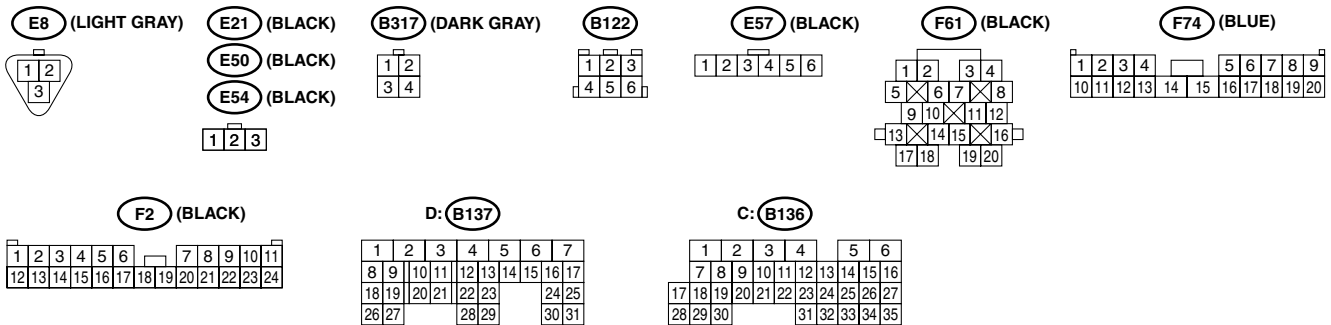
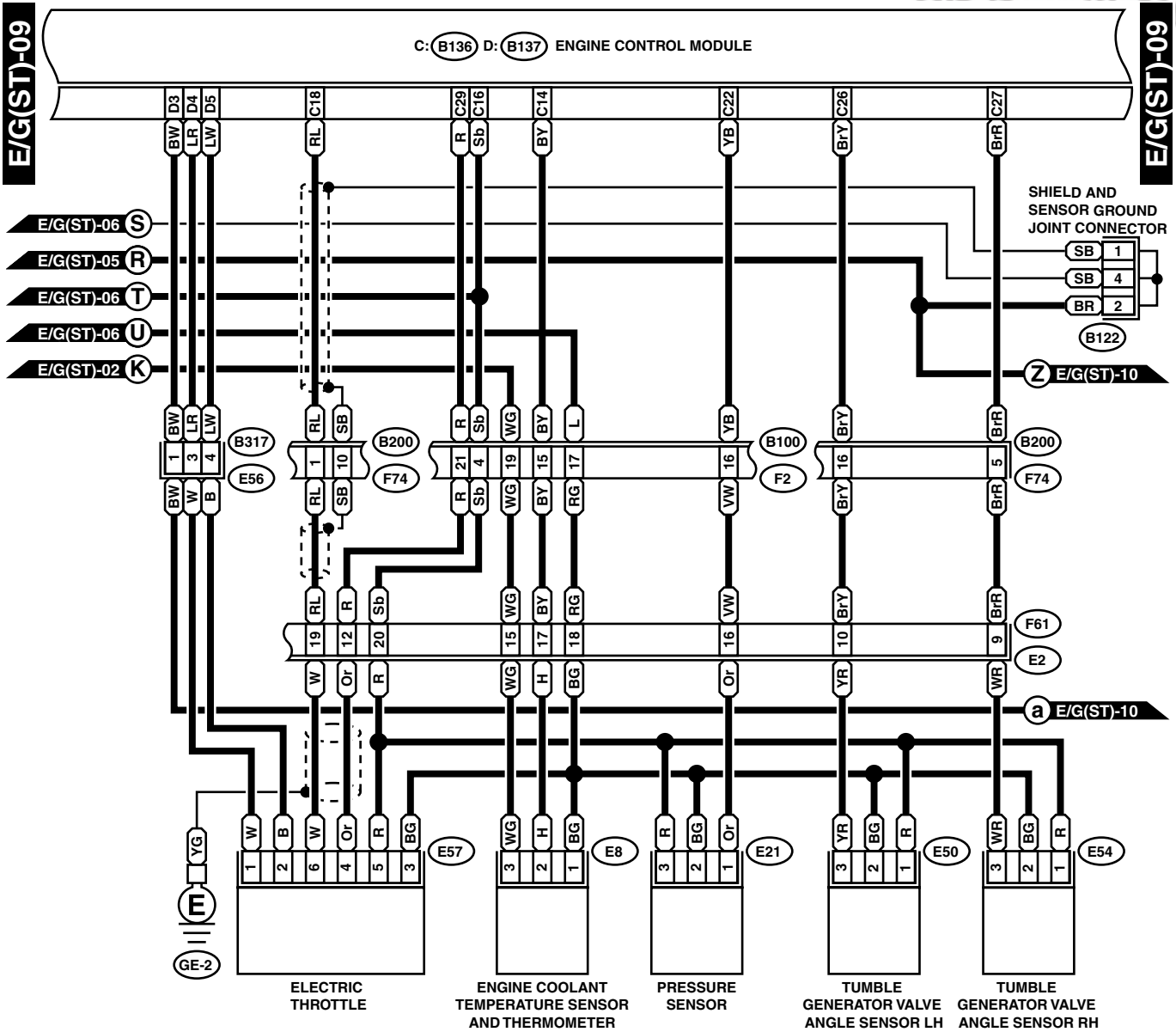
F2 (BLACK)



WI-02813

ENGINE ELECTRICAL SYSTEM

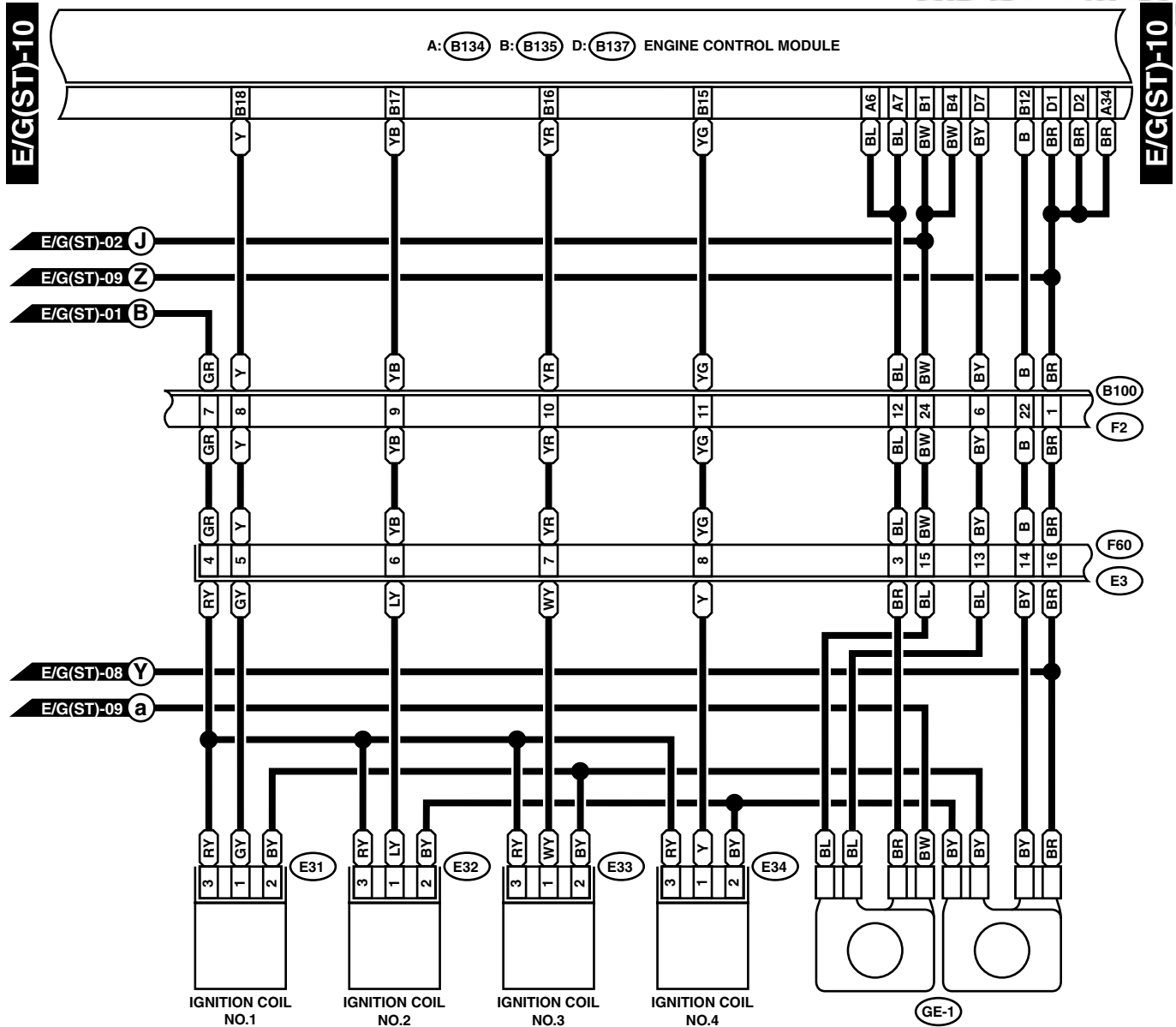
WIRING SYSTEM



WI-02814

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



- E31
- E32
- E33 (BLACK)
- E34 (BLACK)

F60 (BROWN)

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

F2 (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

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			

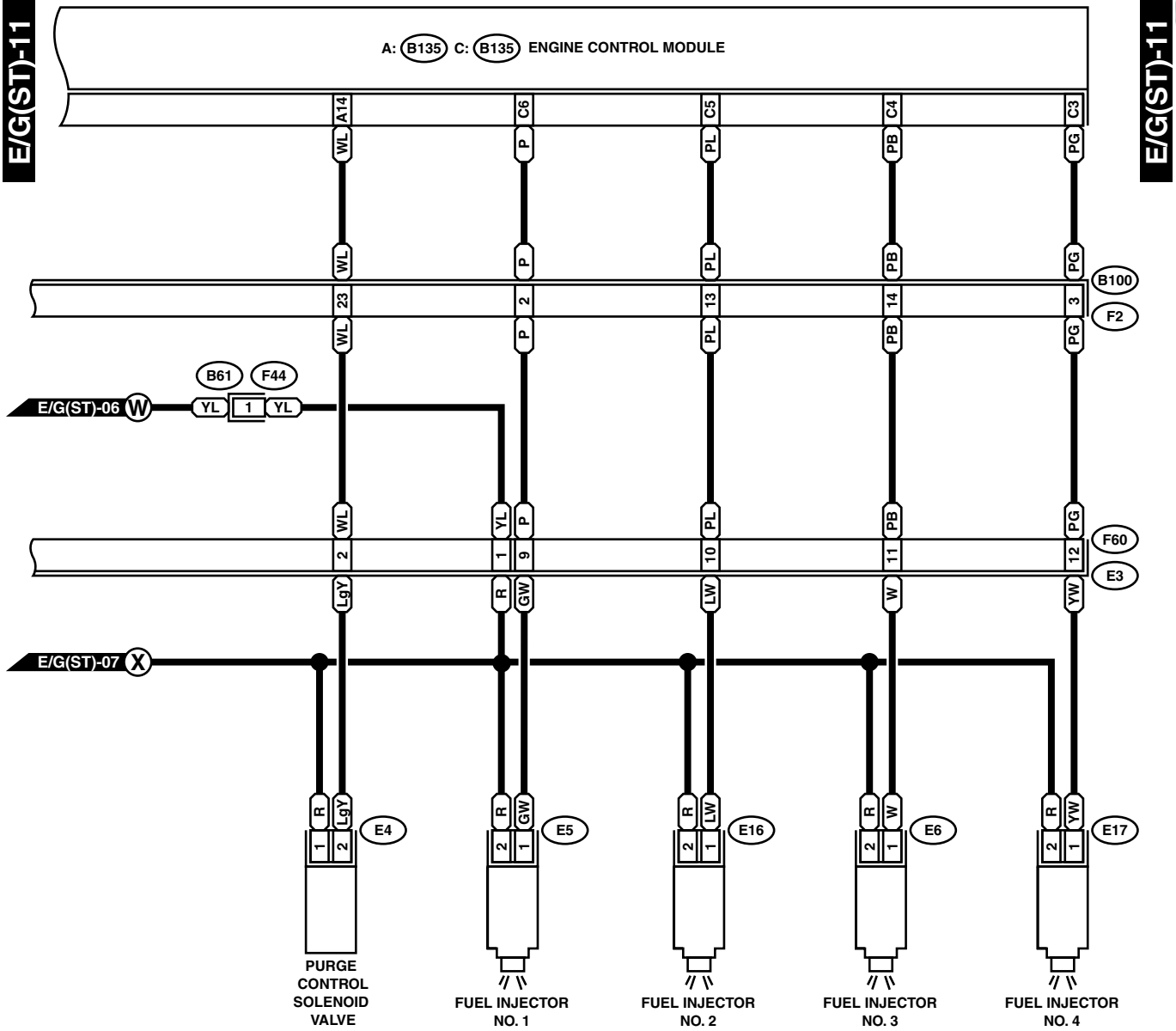
B: B135

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				

WI-02815

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



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

(E4) (BLACK)



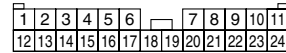
(F44)



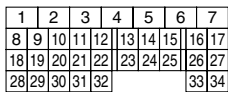
(F60) (BROWN)



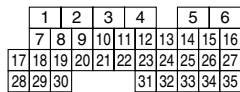
(F2) (BLACK)



A: (B134)



C: (B136)



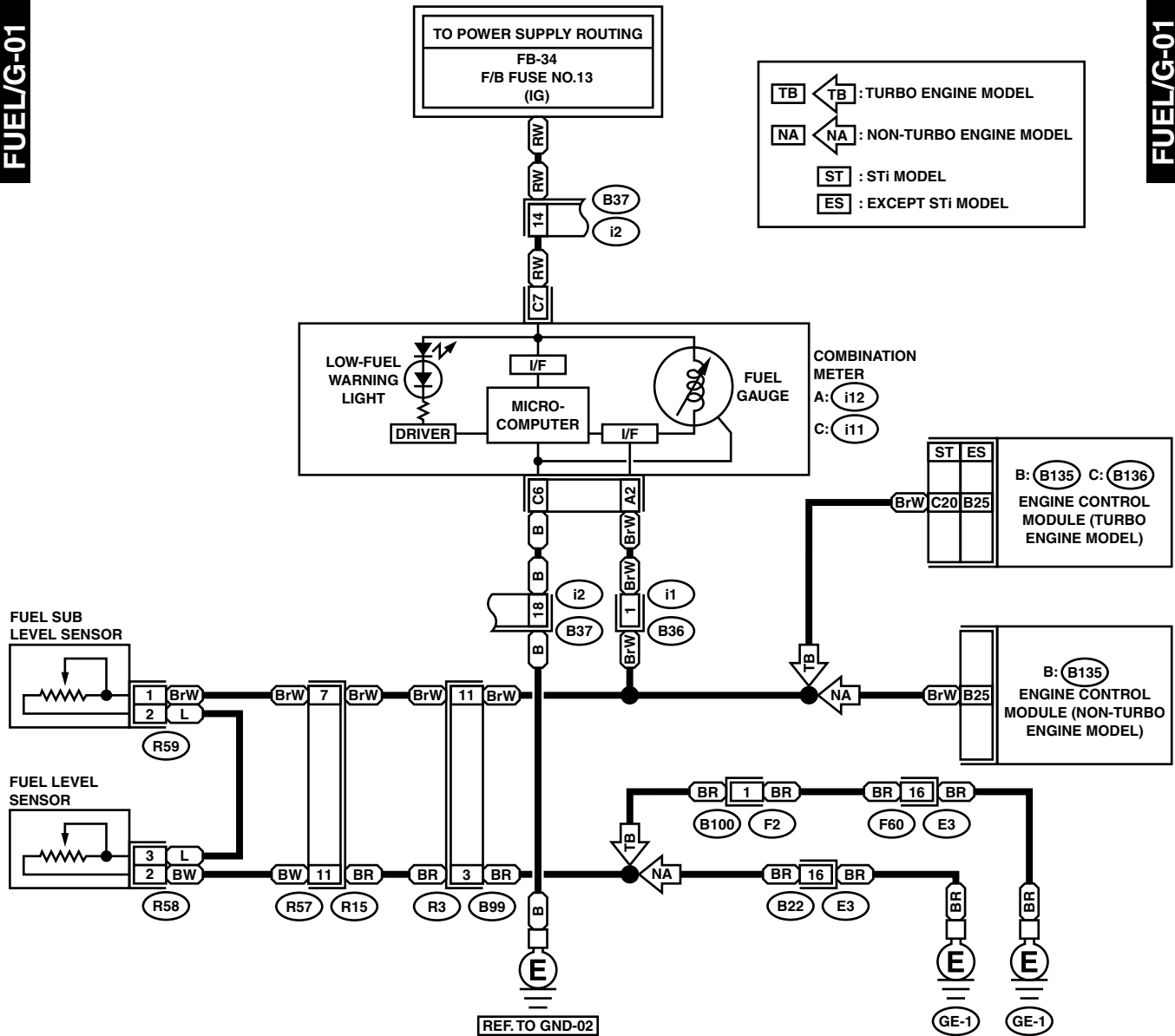
WI-02816

18. Fuel Gauge System

A: SCHEMATIC

FUEL/G-01

FUEL/G-01



Legend for engine models:

- TB** : TURBO ENGINE MODEL
- NA** : NON-TURBO ENGINE MODEL
- ST** : STI MODEL
- ES** : EXCEPT STI MODEL

ECM Terminal Legend:

ST	ES
B: B135	C: B136

ENGINE CONTROL MODULE (TURBO ENGINE MODEL)

ECM Terminal Legend:

B: B135

ENGINE CONTROL MODULE (NON-TURBO ENGINE MODEL)

Terminal Block Pinouts:

- R59**: 1, 2
- R58**: 1, 2, 3, 4, 5, 6
- C: i11 (GREEN)**: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
- A: i12 (GREEN)**: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
- B22 (BROWN)**: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16
- F60 (BROWN)**: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16
- R57**: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16
- B99**: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24
- i2**: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24
- F2 (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
- i1 (BROWN)**: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24
- NA 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
- ES 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
- ST 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-02486

FRONT ACCESSORY POWER SUPPLY SYSTEM

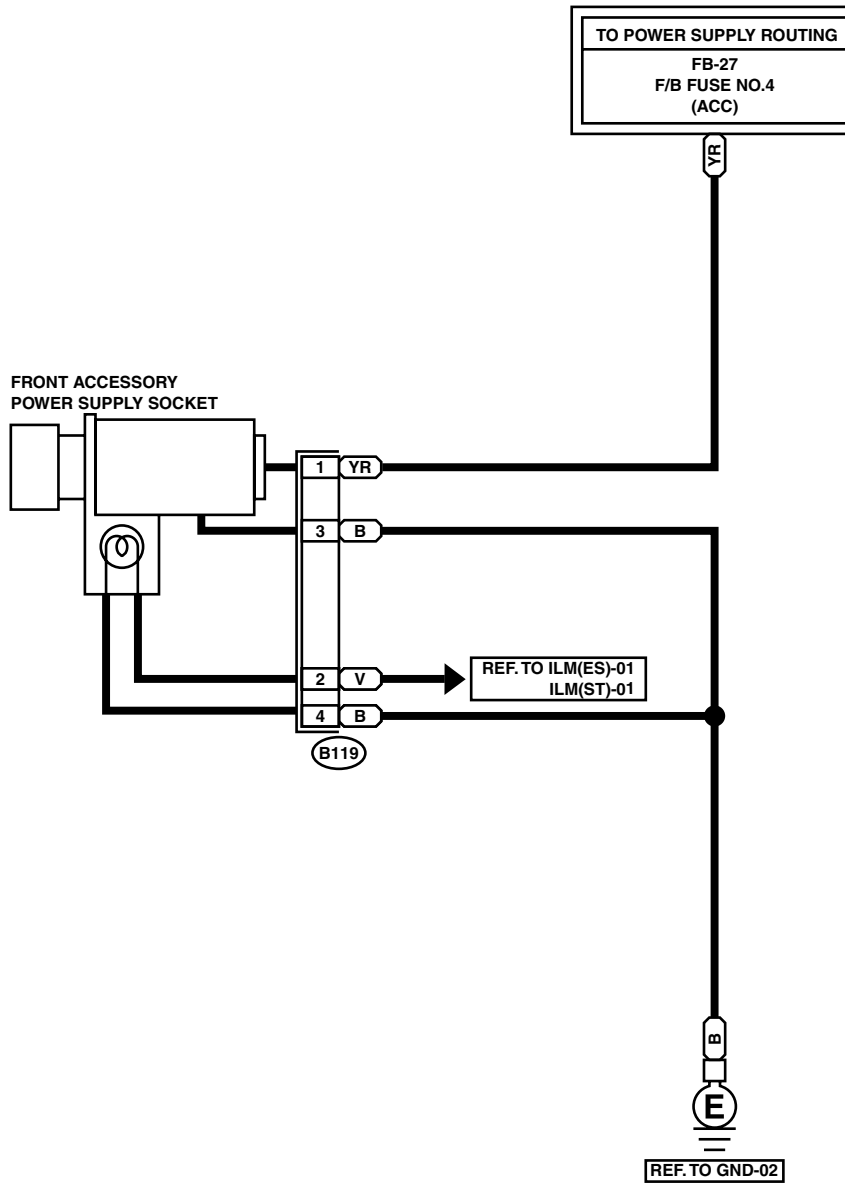
WIRING SYSTEM

19. Front Accessory Power Supply System

A: SCHEMATIC

FAPS-01

FAPS-01



(B119)

1	2
3	4

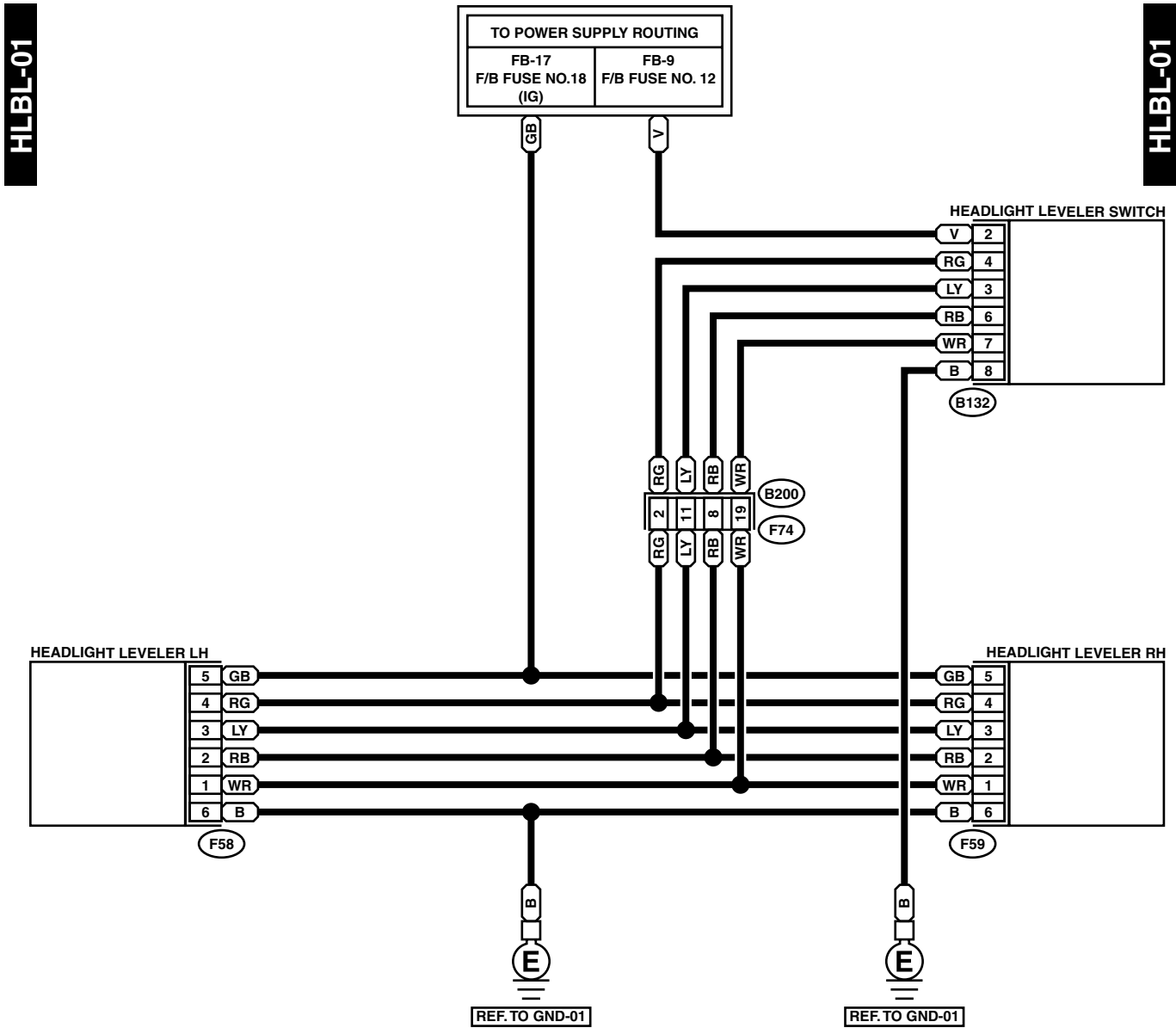
WI-02783

HEADLIGHT BEAM LEVELER SYSTEM

WIRING SYSTEM

20.Headlight Beam Leveler System

A: SCHEMATIC

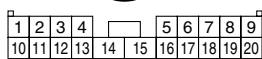


F58 (GRAY)

B132

F74 (BLUE)

F59 (GRAY)



WI-02979

HORN SYSTEM

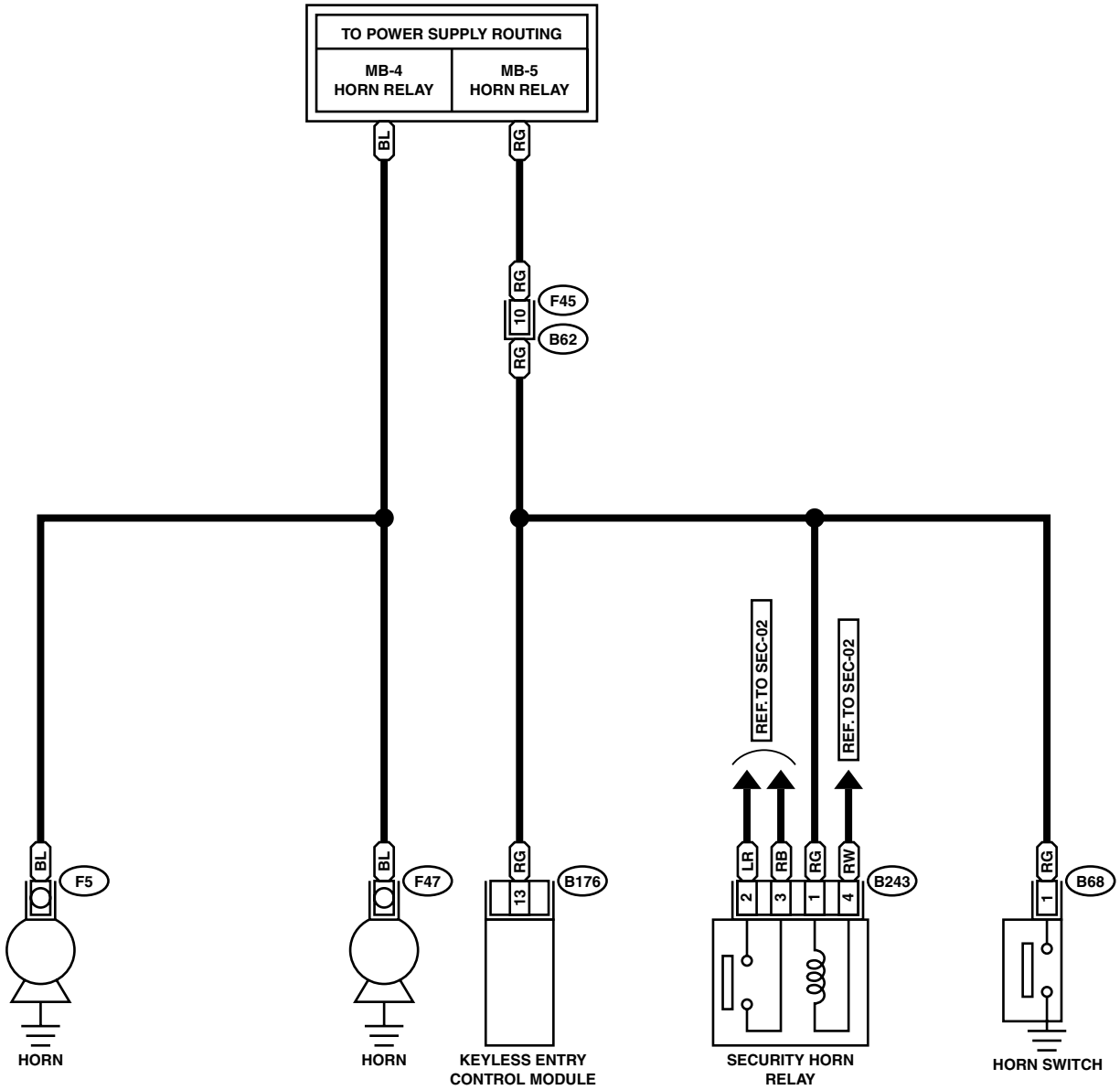
WIRING SYSTEM

21.Horn System

A: SCHEMATIC

HORN-01

HORN-01



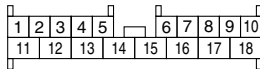
B68 (BLACK)



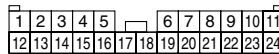
B243



B176



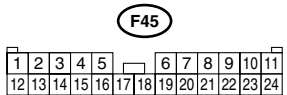
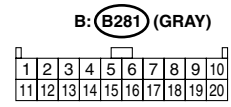
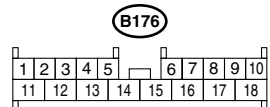
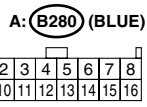
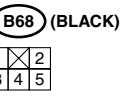
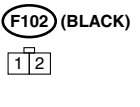
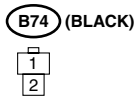
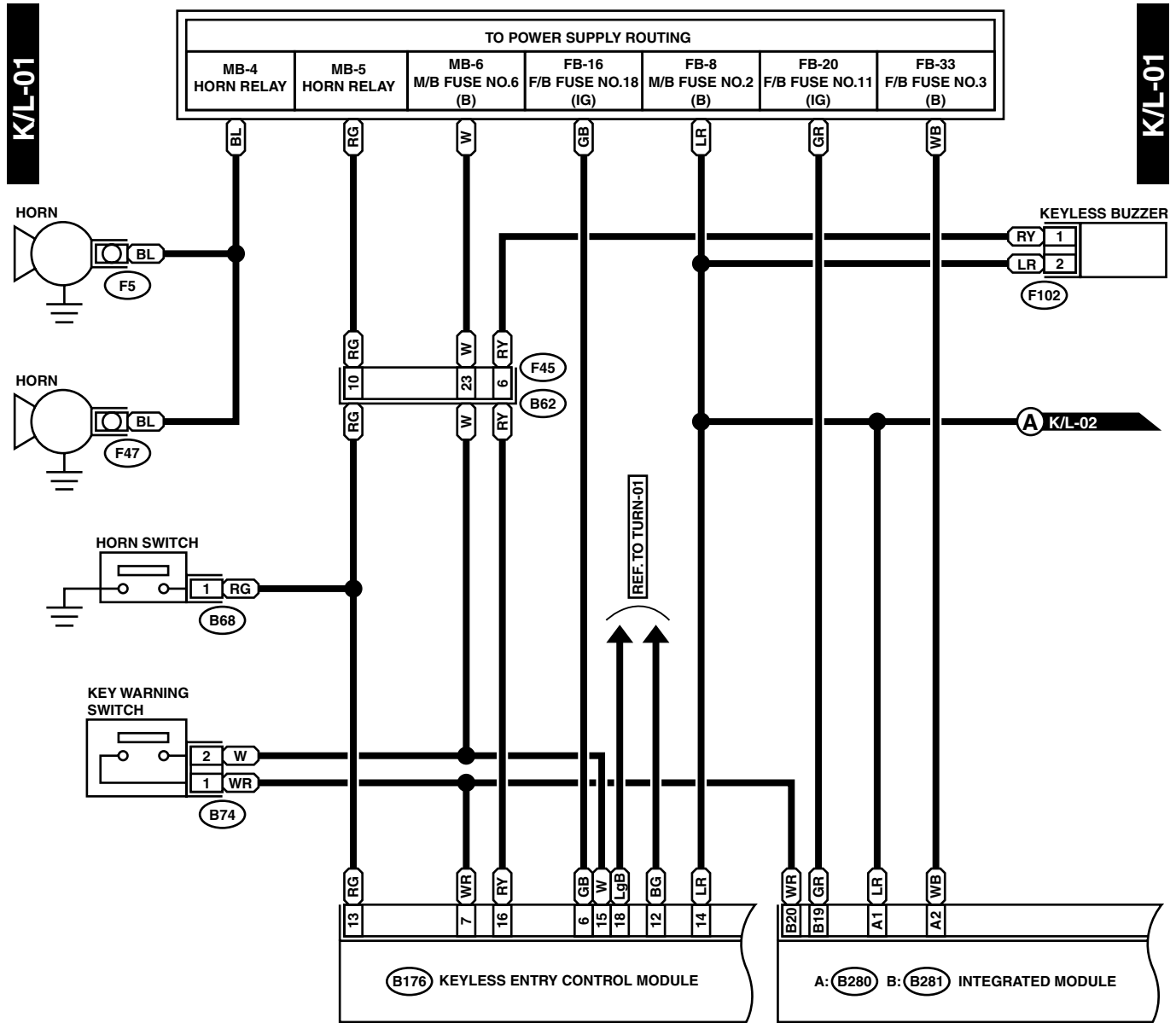
F45



WI-02487

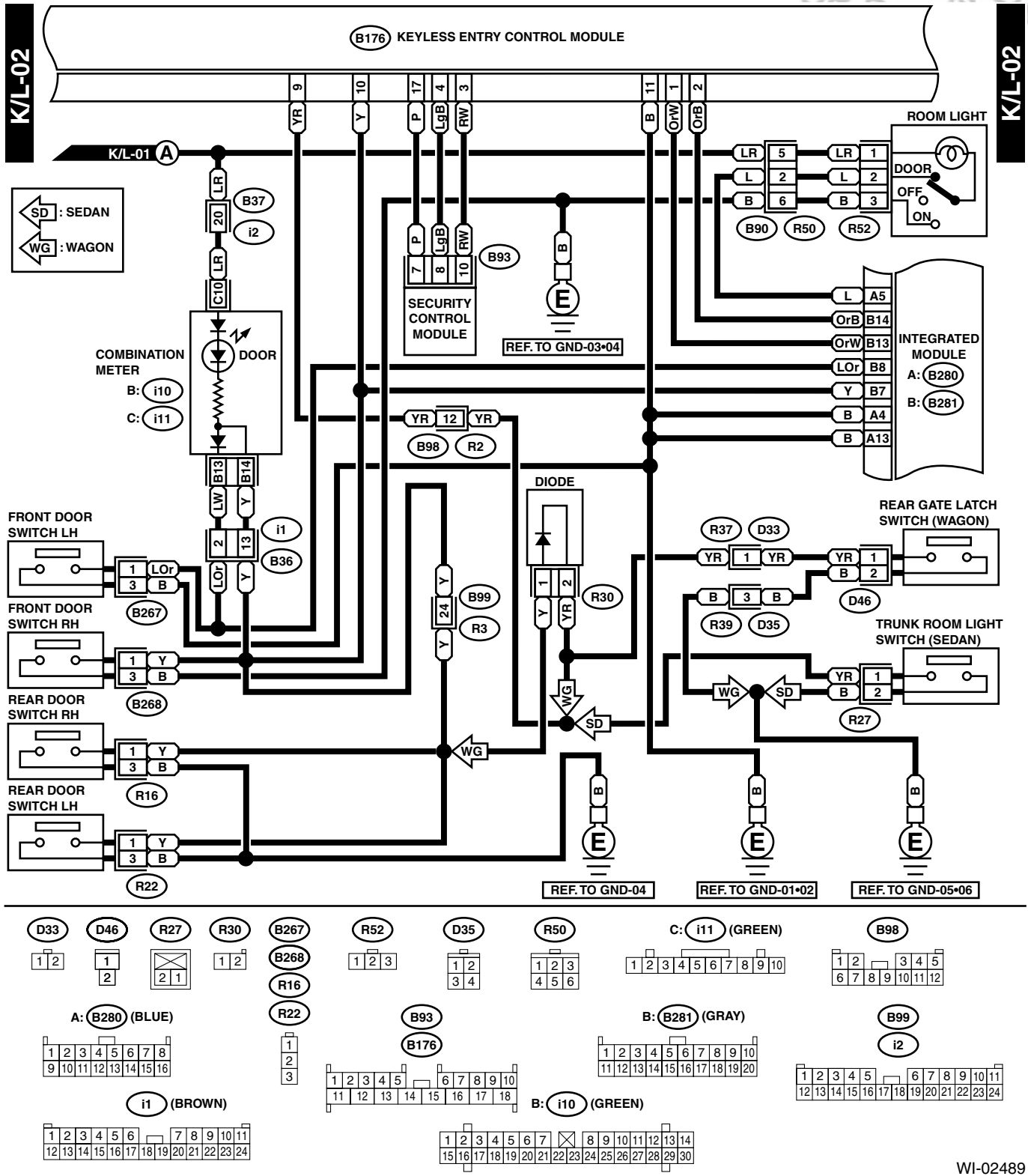
22. Keyless Entry System

A: SCHEMATIC



KEYLESS ENTRY SYSTEM

WIRING SYSTEM



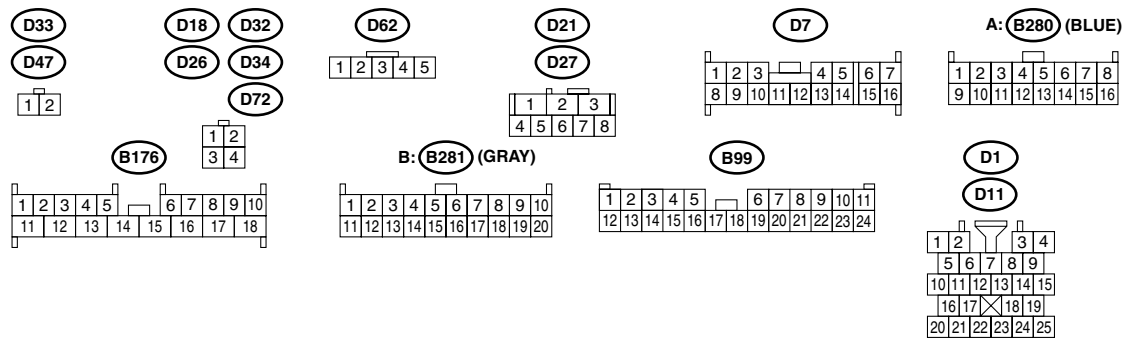
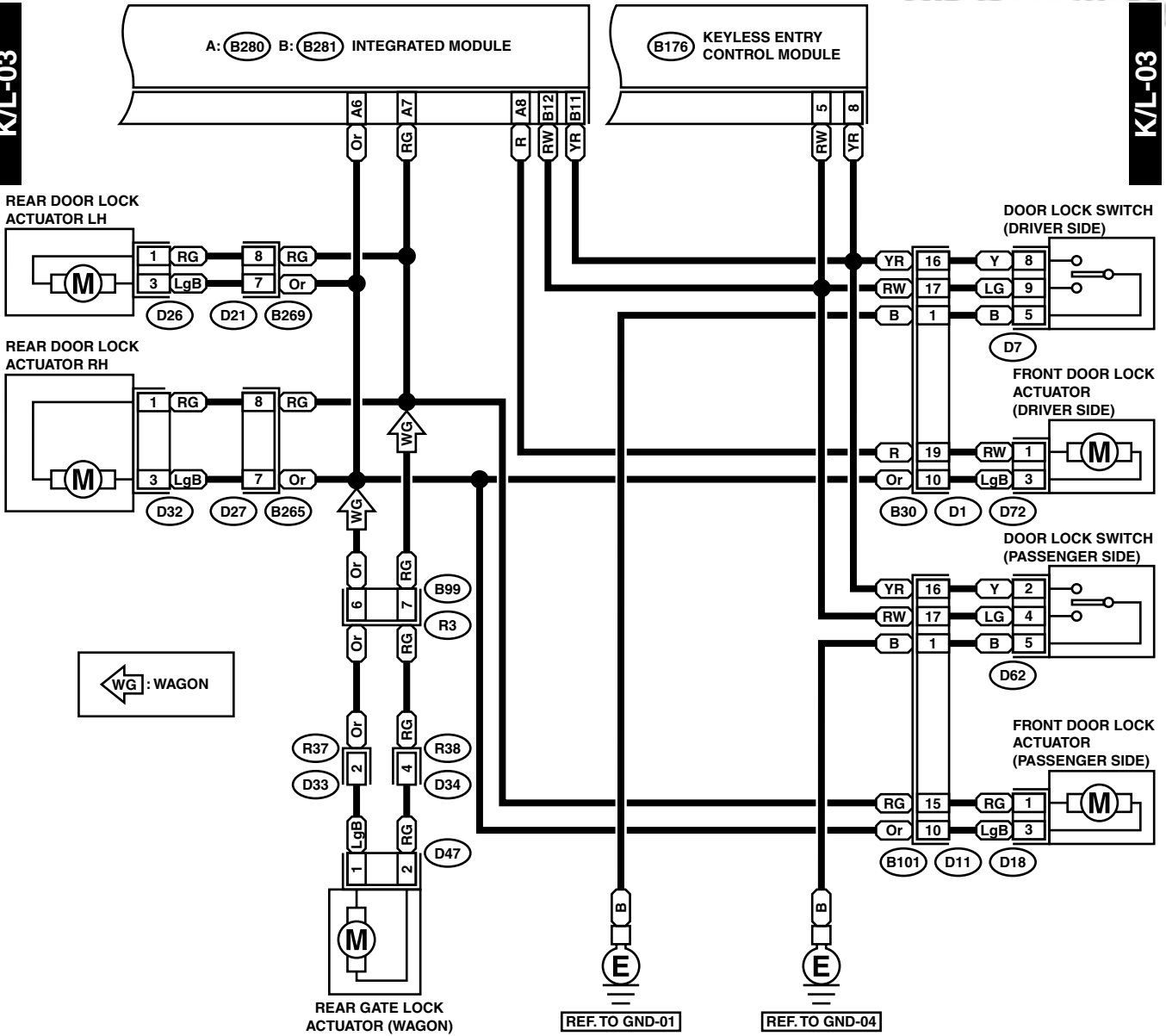
WI-02489

KEYLESS ENTRY SYSTEM

WIRING SYSTEM

K/L-03

K/L-03



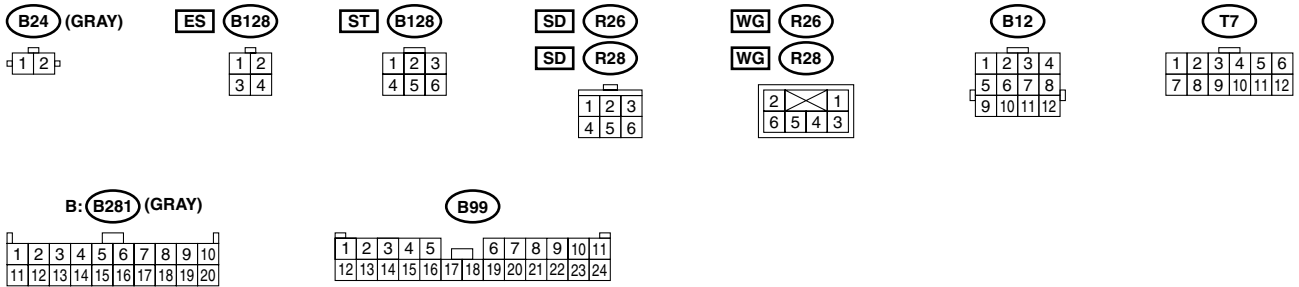
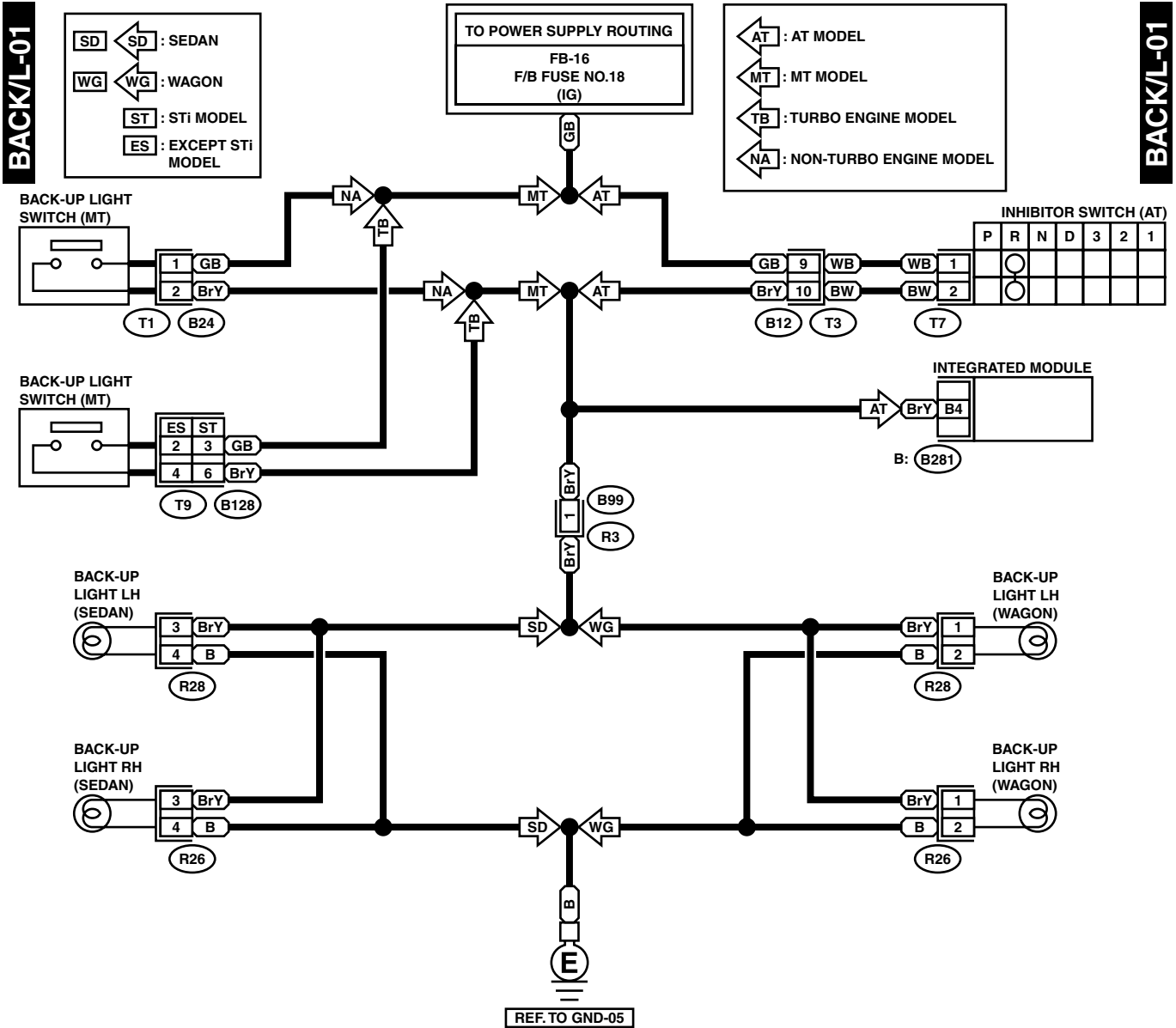
WI-02490

BACK-UP LIGHT SYSTEM

WIRING SYSTEM

23. Back-up Light System

A: SCHEMATIC



WI-02541

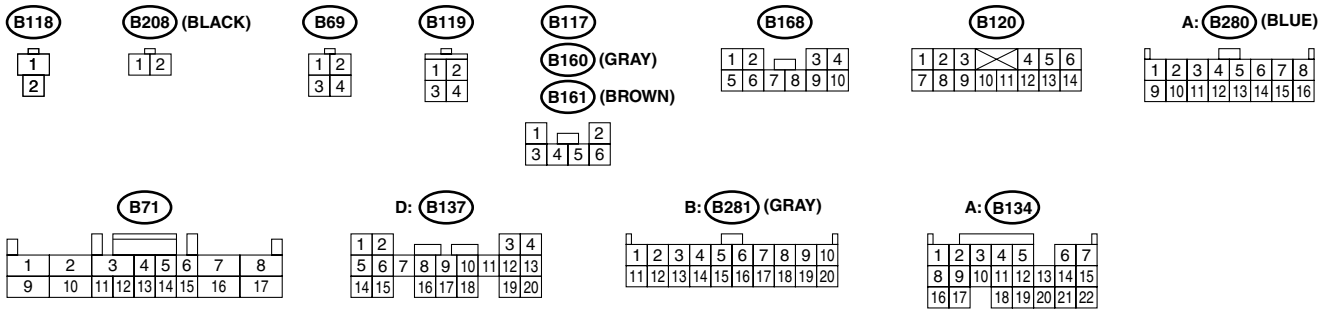
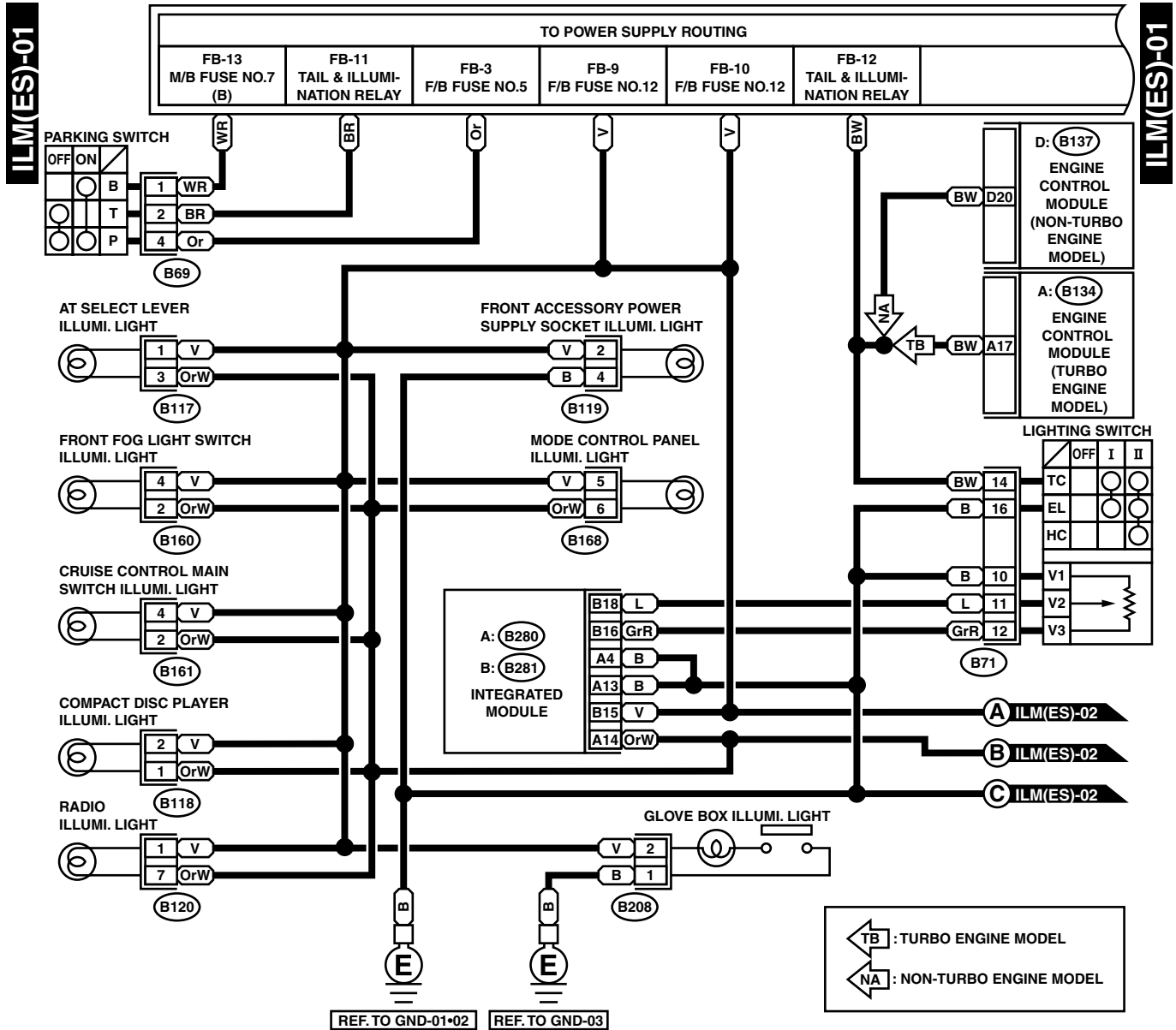
CLEARANCE LIGHT AND ILLUMINATION LIGHT SYSTEM

WIRING SYSTEM

24. Clearance Light and Illumination Light System

A: SCHEMATIC

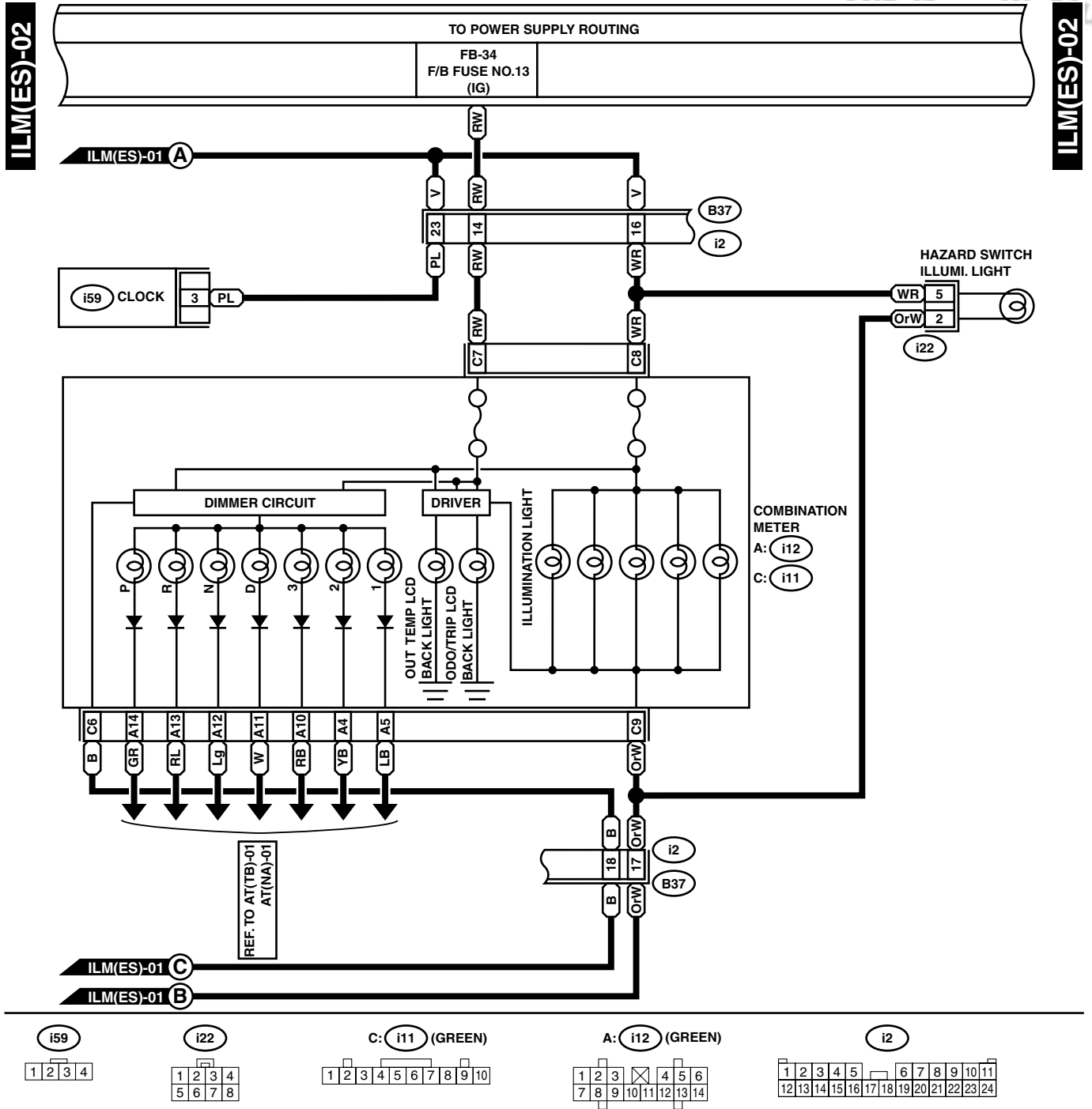
1. EXCEPT FOR STi MODEL



WI-02491

CLEARANCE LIGHT AND ILLUMINATION LIGHT SYSTEM

WIRING SYSTEM



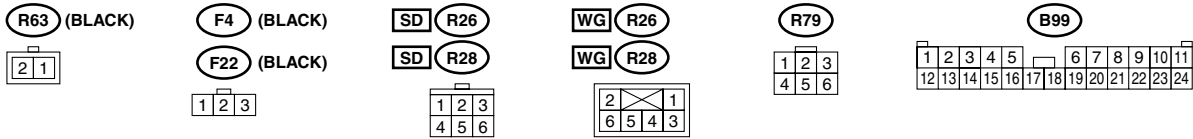
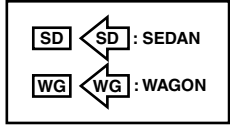
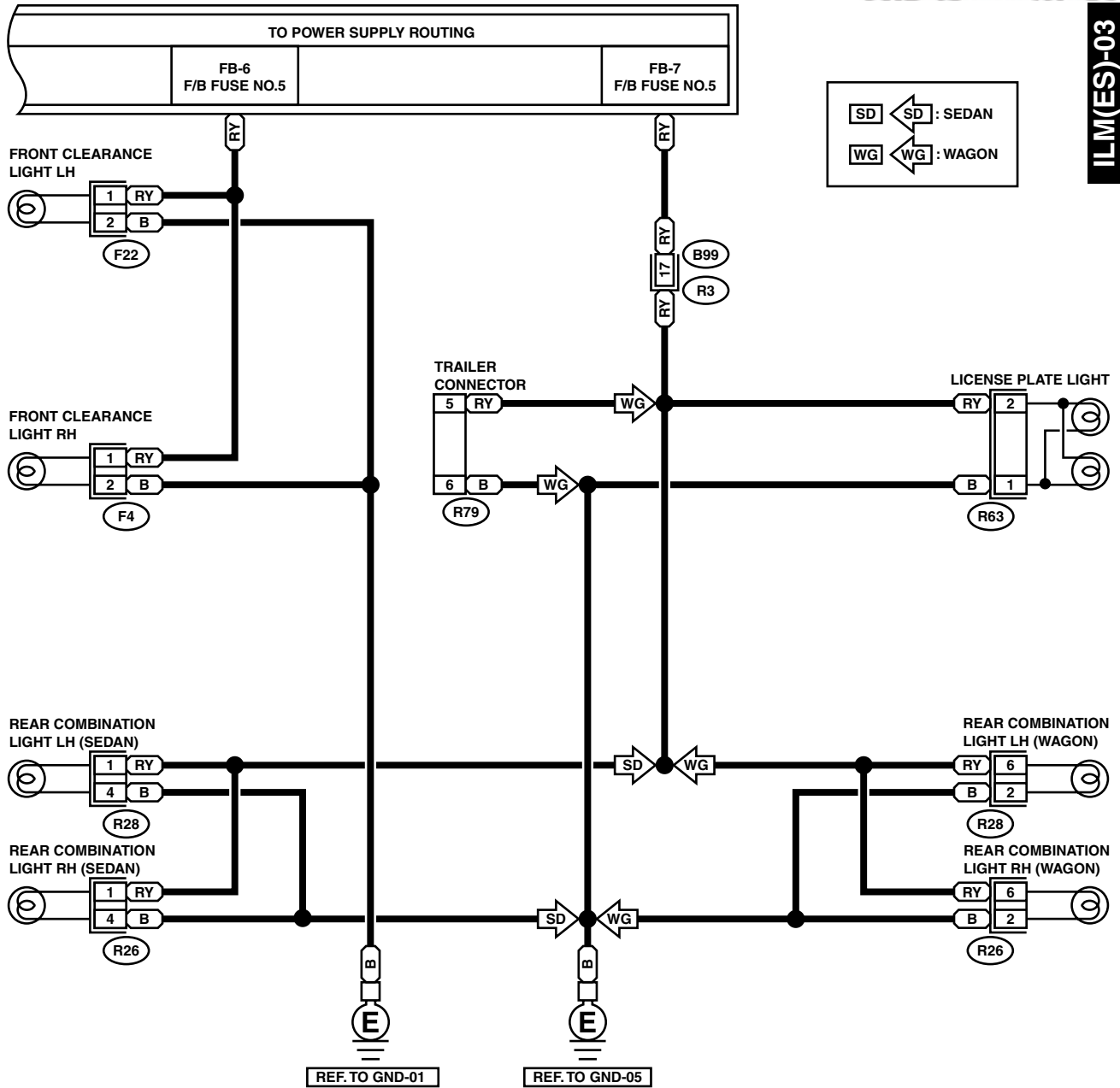
WI-02492

CLEARANCE LIGHT AND ILLUMINATION LIGHT SYSTEM

WIRING SYSTEM

ILM(ES)-03

ILM(ES)-03

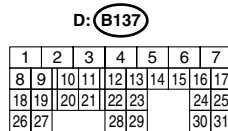
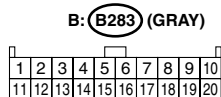
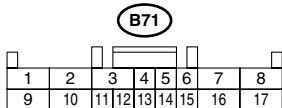
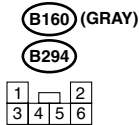
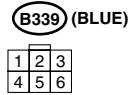
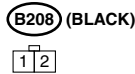
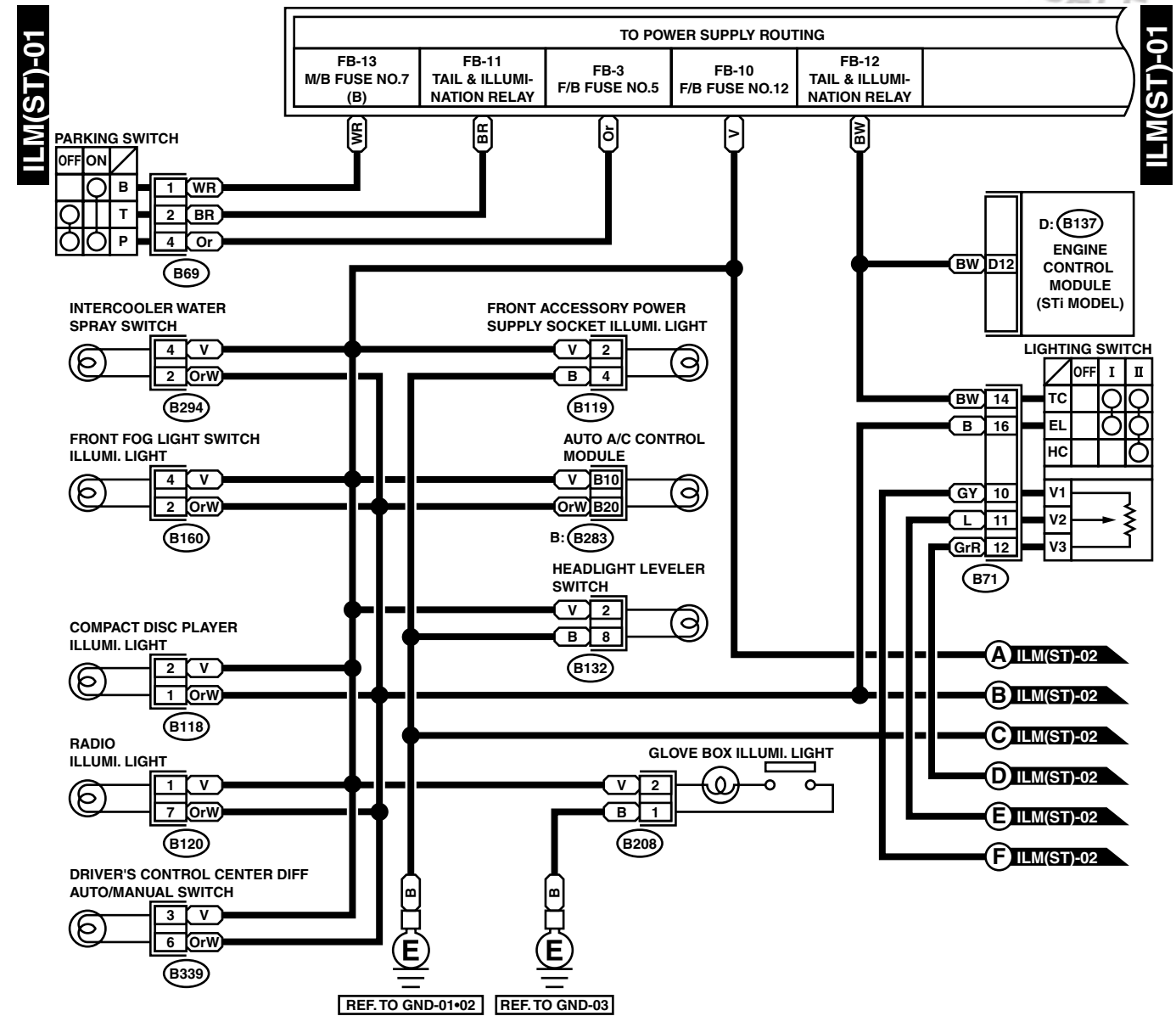


WI-02493

CLEARANCE LIGHT AND ILLUMINATION LIGHT SYSTEM

WIRING SYSTEM

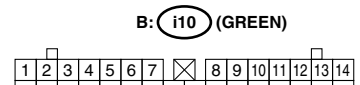
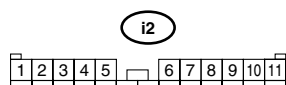
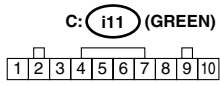
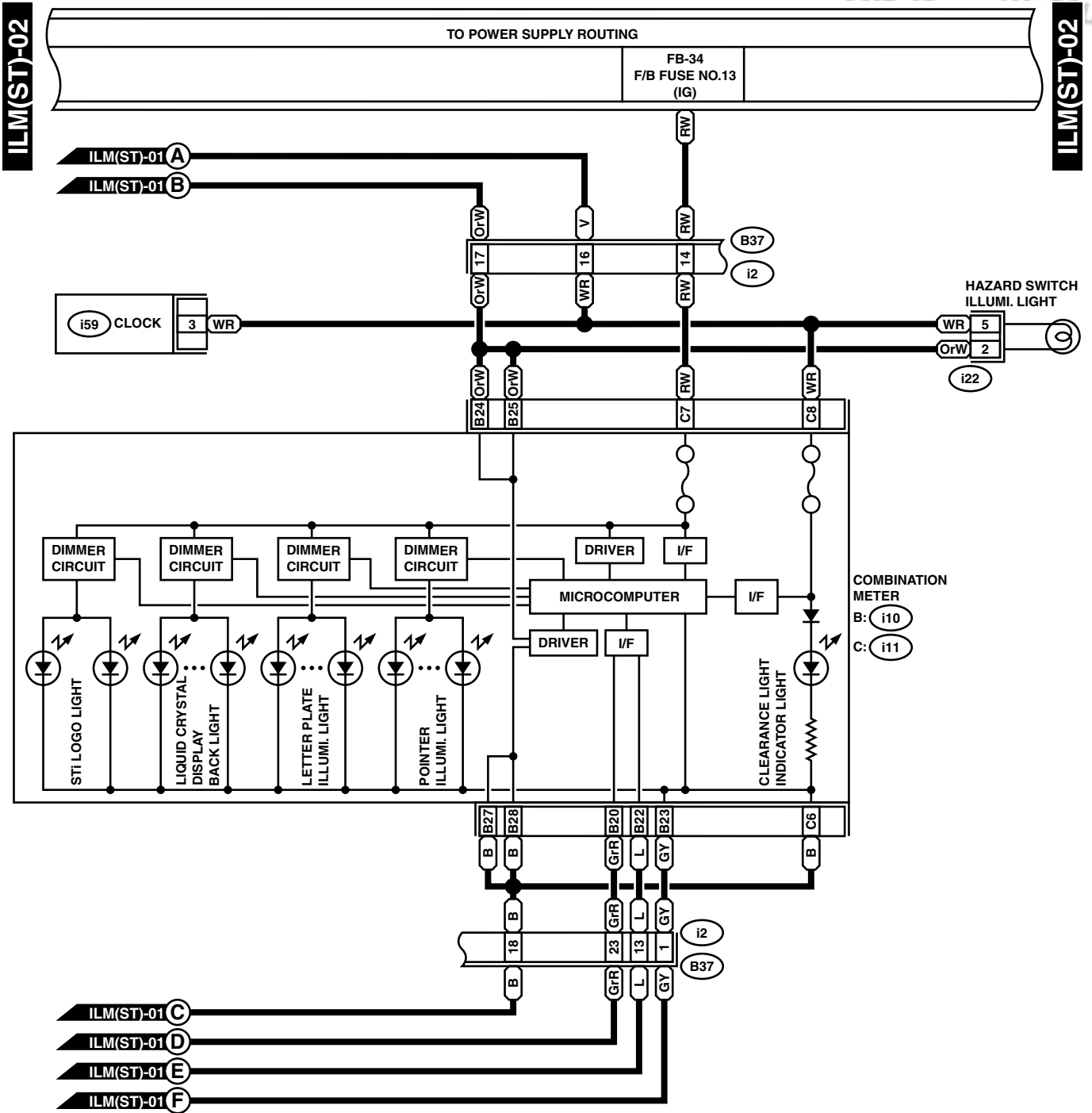
2. STi MODEL



WI-02817

CLEARANCE LIGHT AND ILLUMINATION LIGHT SYSTEM

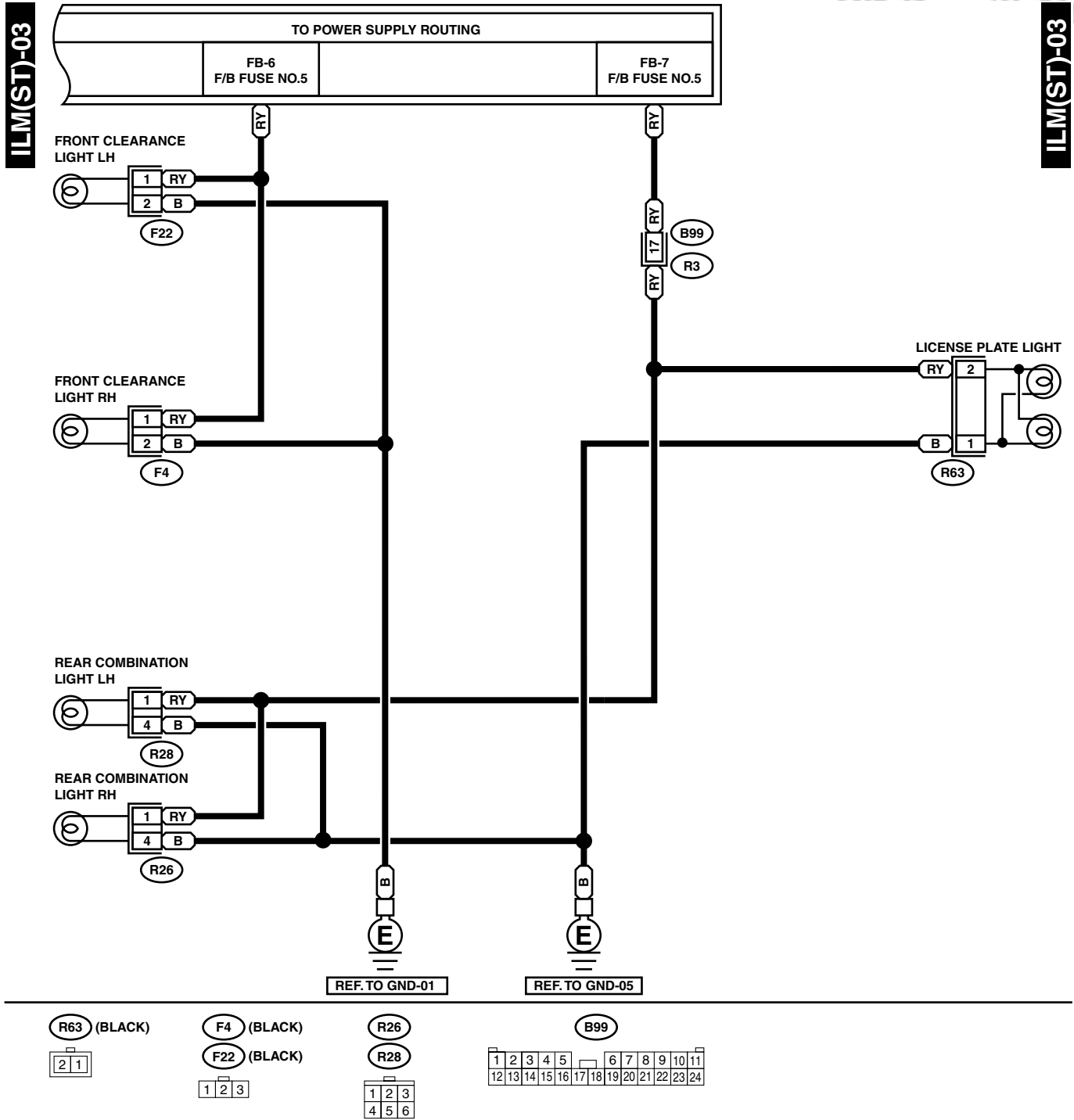
WIRING SYSTEM



WI-02818

CLEARANCE LIGHT AND ILLUMINATION LIGHT SYSTEM

WIRING SYSTEM

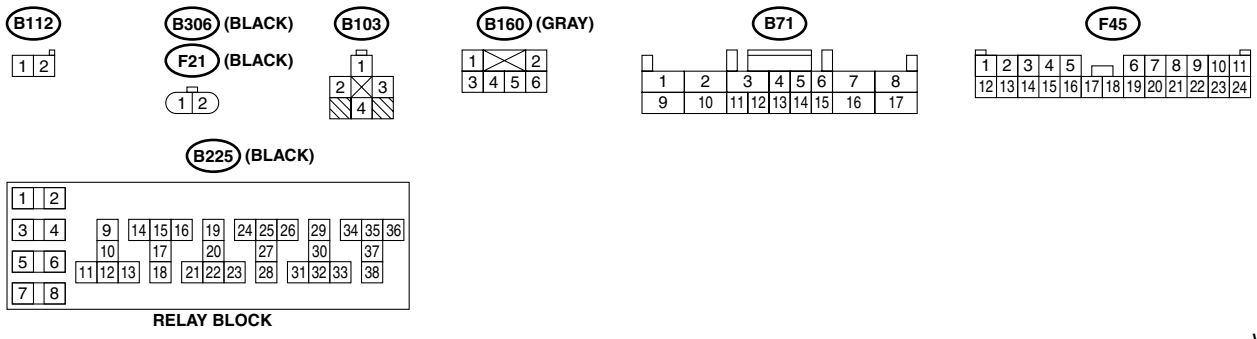
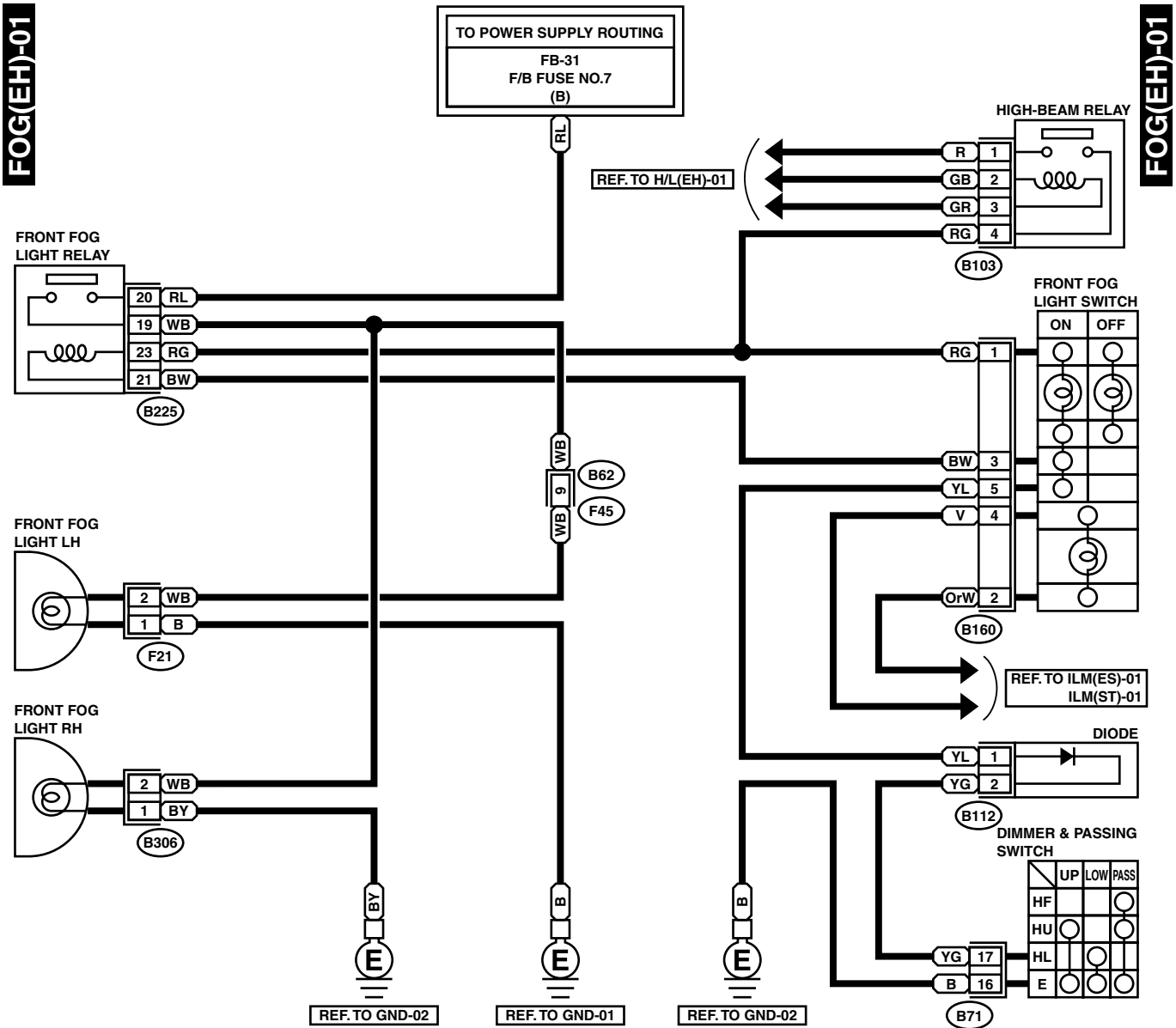


WI-02819

25. Front Fog Light System

A: SCHEMATIC

1. MODEL WITHOUT HID



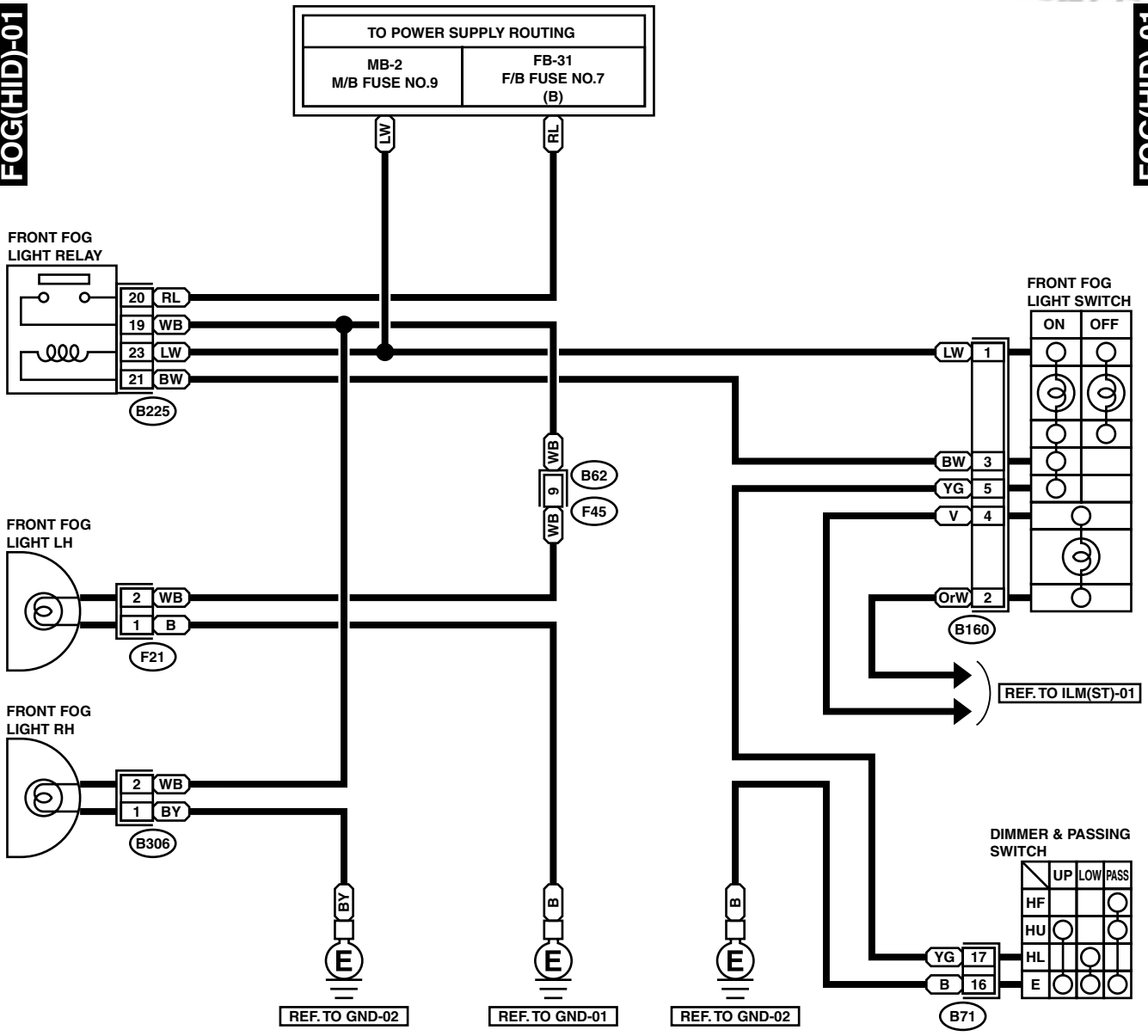
FRONT FOG LIGHT SYSTEM

WIRING SYSTEM

2. MODEL WITH HID

FOG(HID)-01

FOG(HID)-01



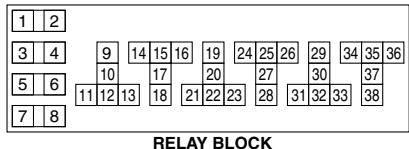
B306 (BLACK)
F21 (BLACK)

B160 (GRAY)

B71

F45

B225 (BLACK)

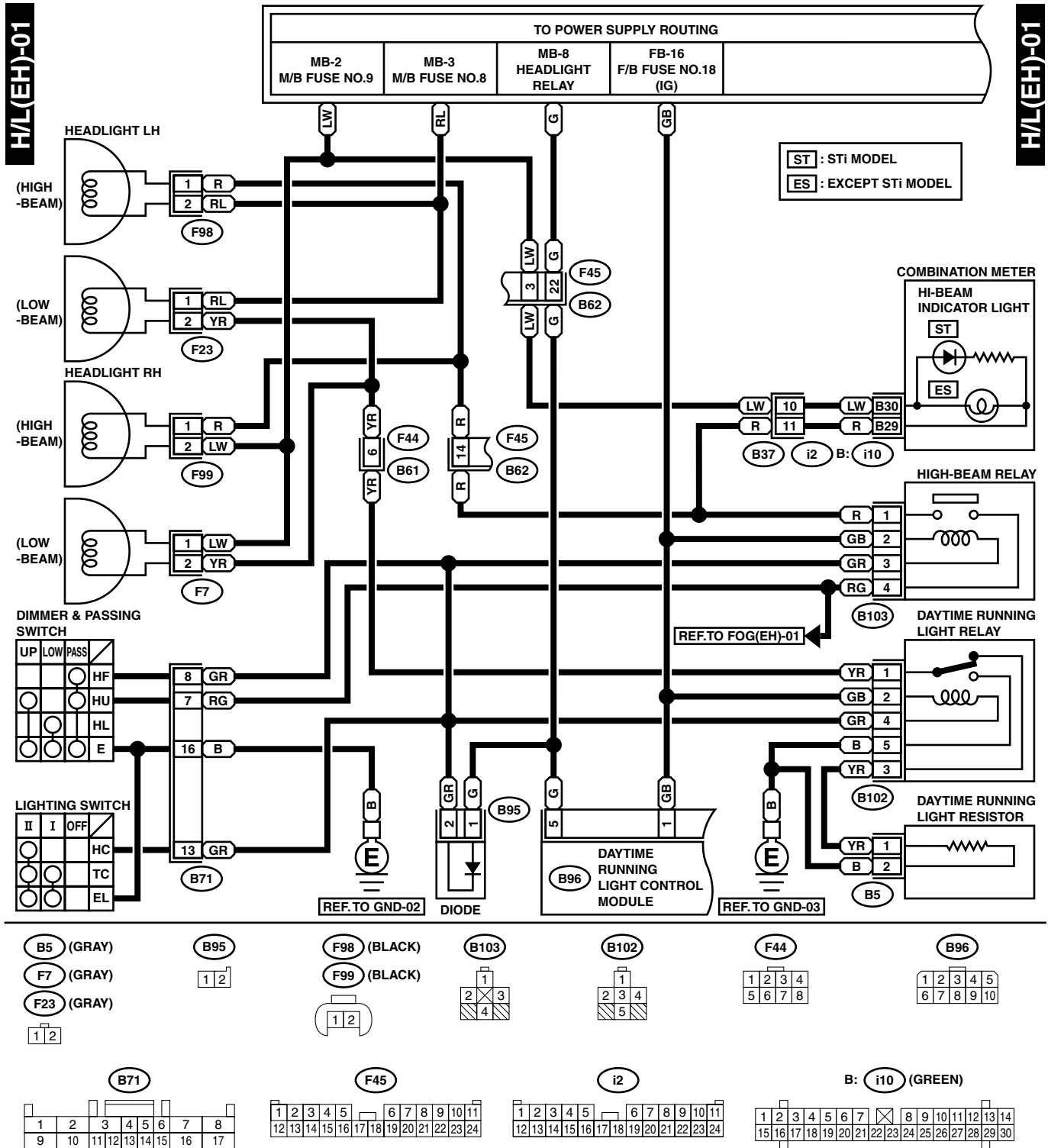


WI-02980

26. Headlight System

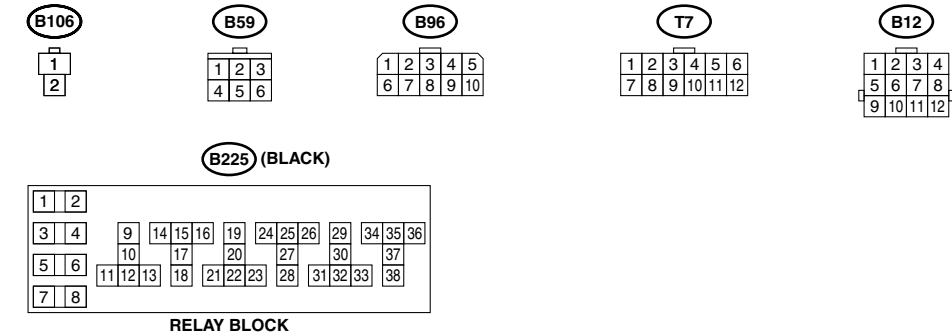
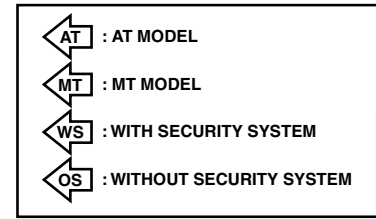
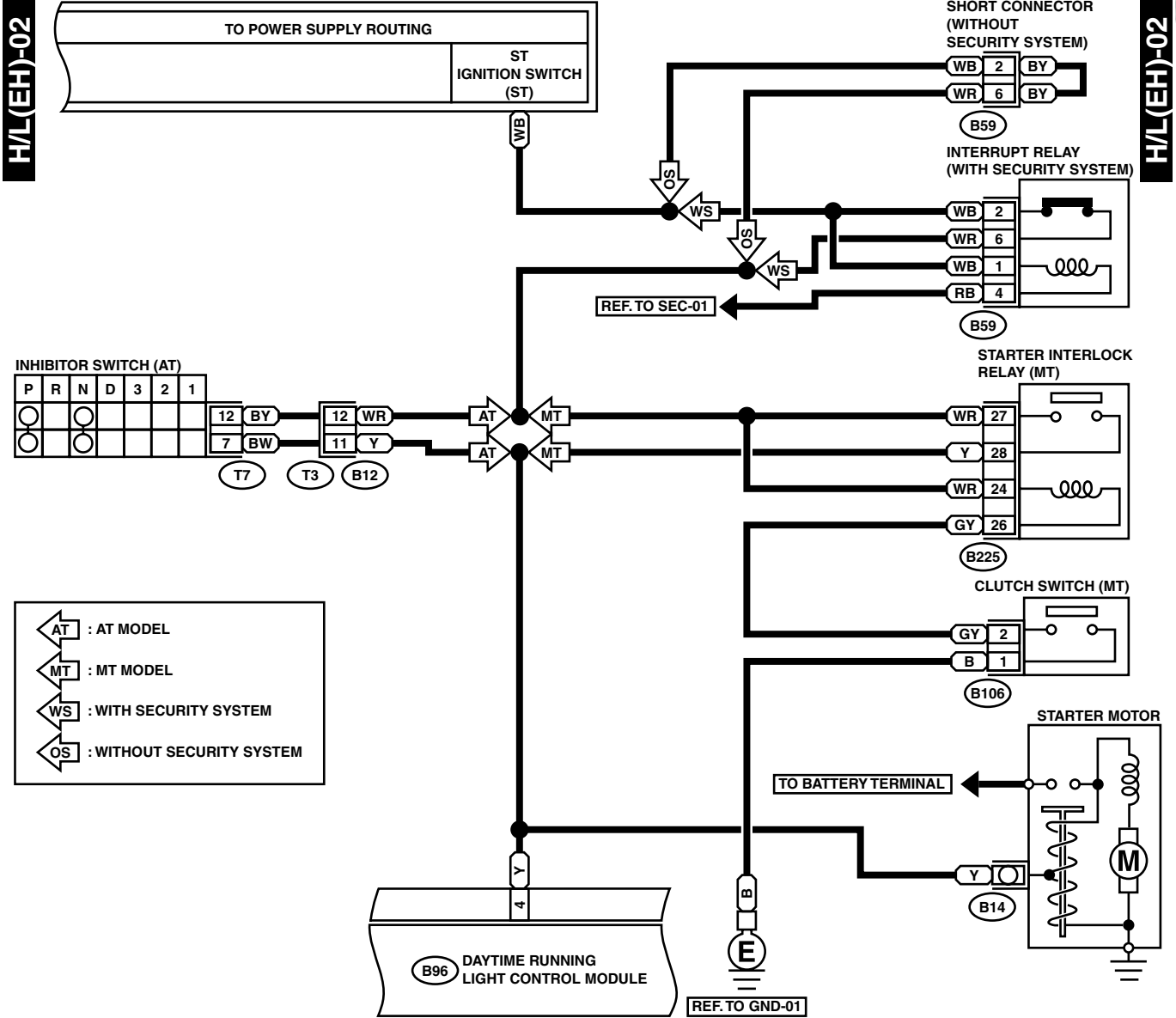
A: SCHEMATIC

1. MODEL WITHOUT HID



HEADLIGHT SYSTEM

WIRING SYSTEM



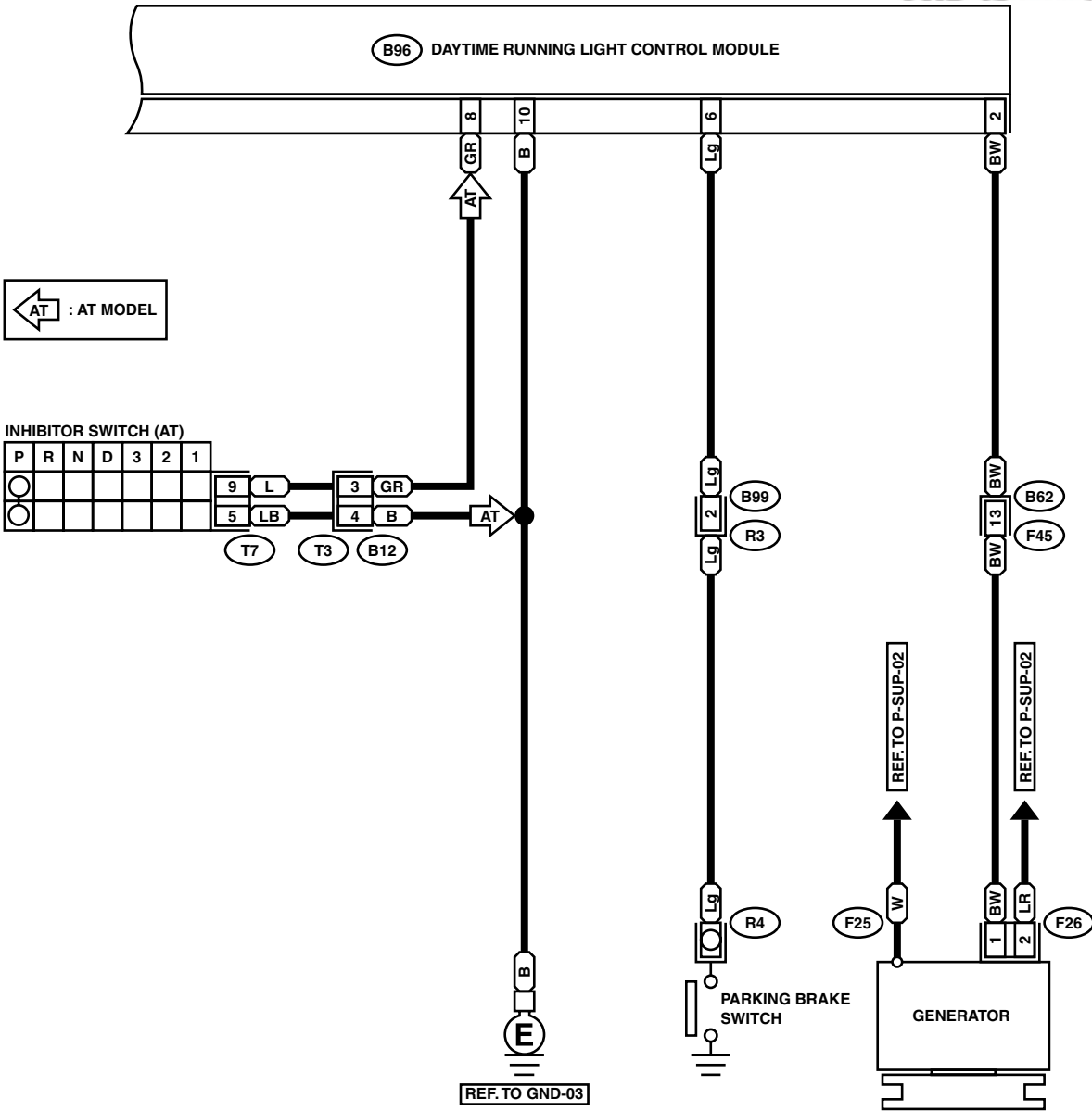
WI-02496

HEADLIGHT SYSTEM

WIRING SYSTEM

H/L(EH)-03

H/L(EH)-03



F26
1 2 3

B96
1 2 3 4 5
6 7 8 9 10

B12
1 2 3 4
5 6 7 8
9 10 11 12

T7
1 2 3 4 5 6
7 8 9 10 11 12

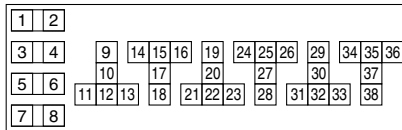
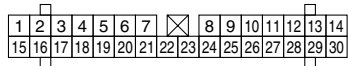
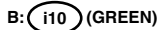
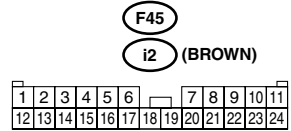
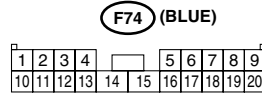
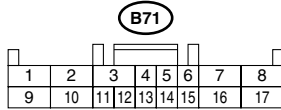
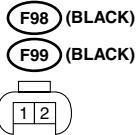
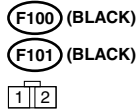
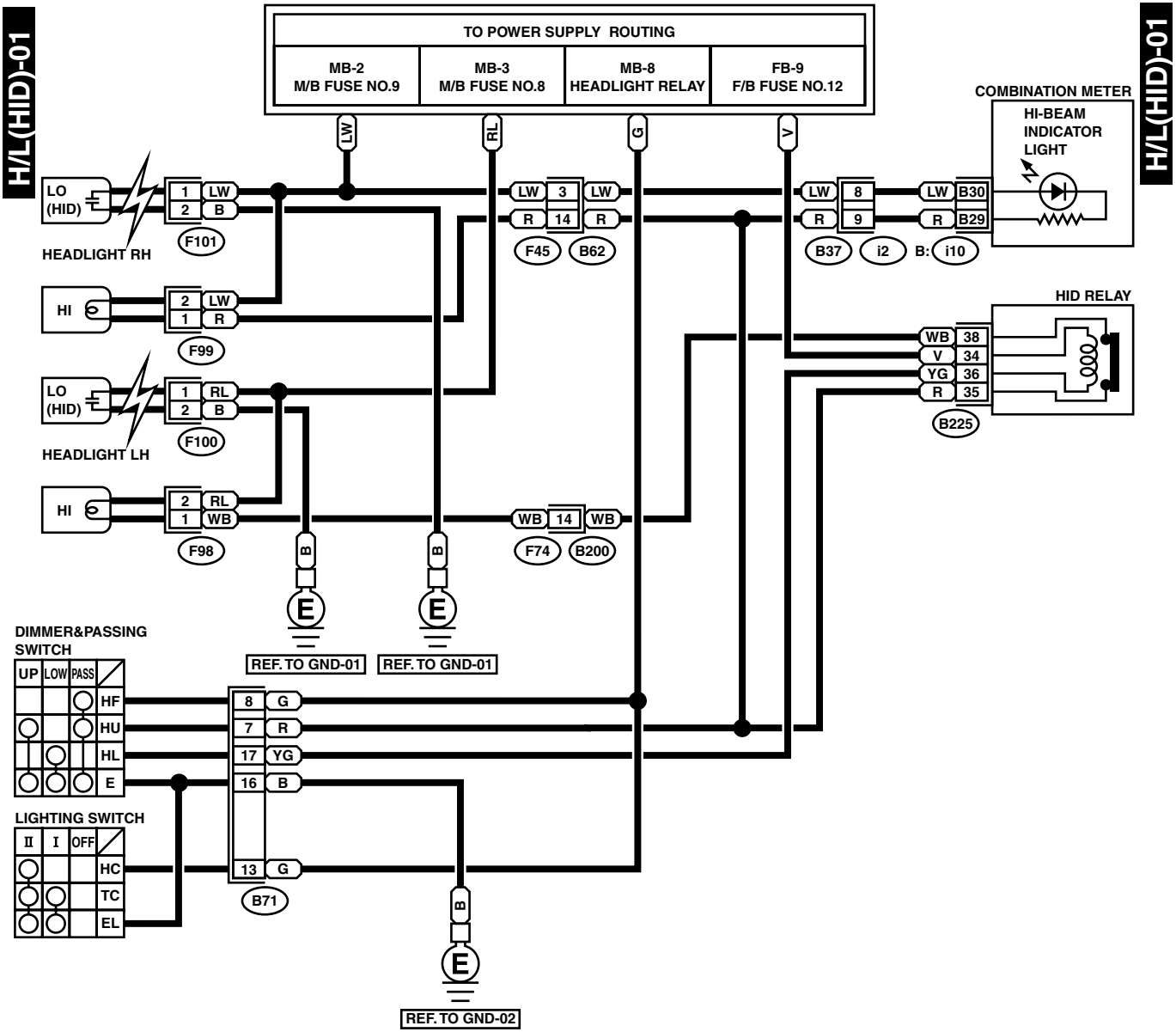
B99
F45
1 2 3 4 5
6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22 23 24

WI-02981

HEADLIGHT SYSTEM

WIRING SYSTEM

2. MODEL WITH HID

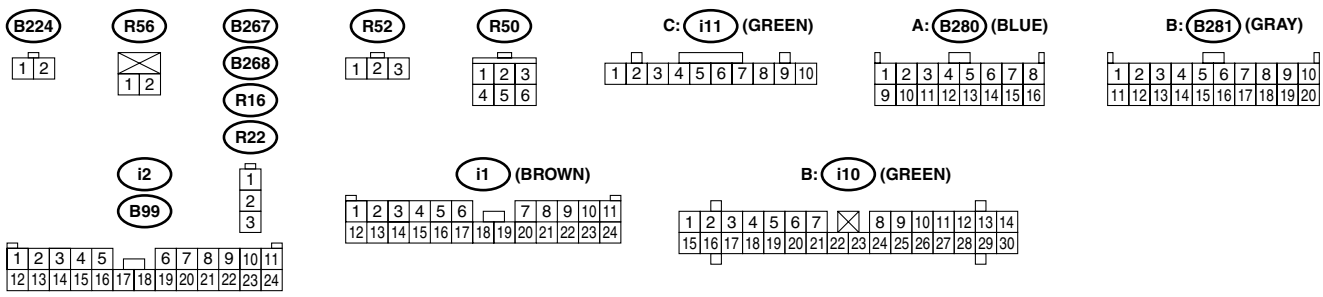
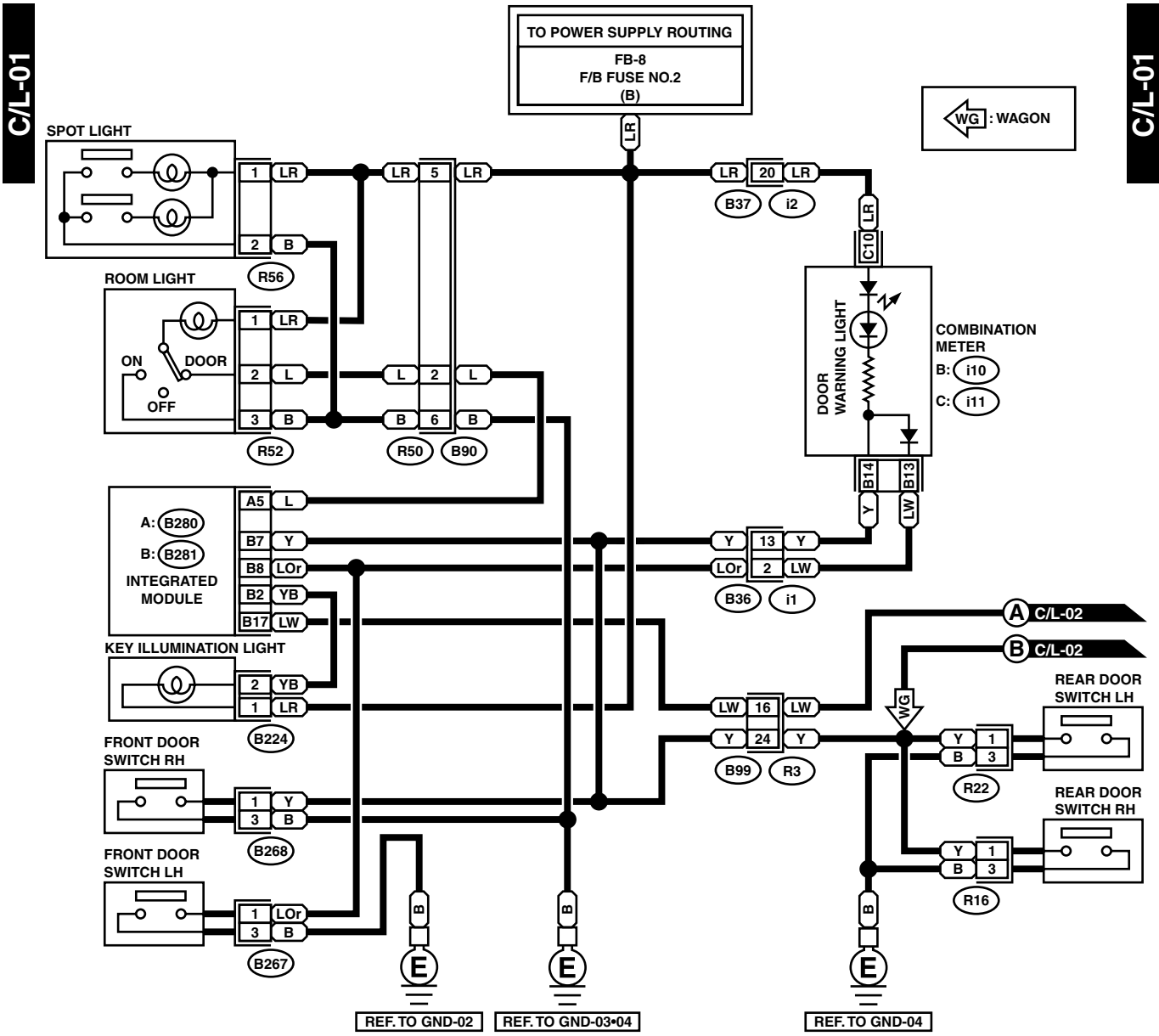


RELAY HOLDER

WI-02978

27. In Compartment Light System

A: SCHEMATIC



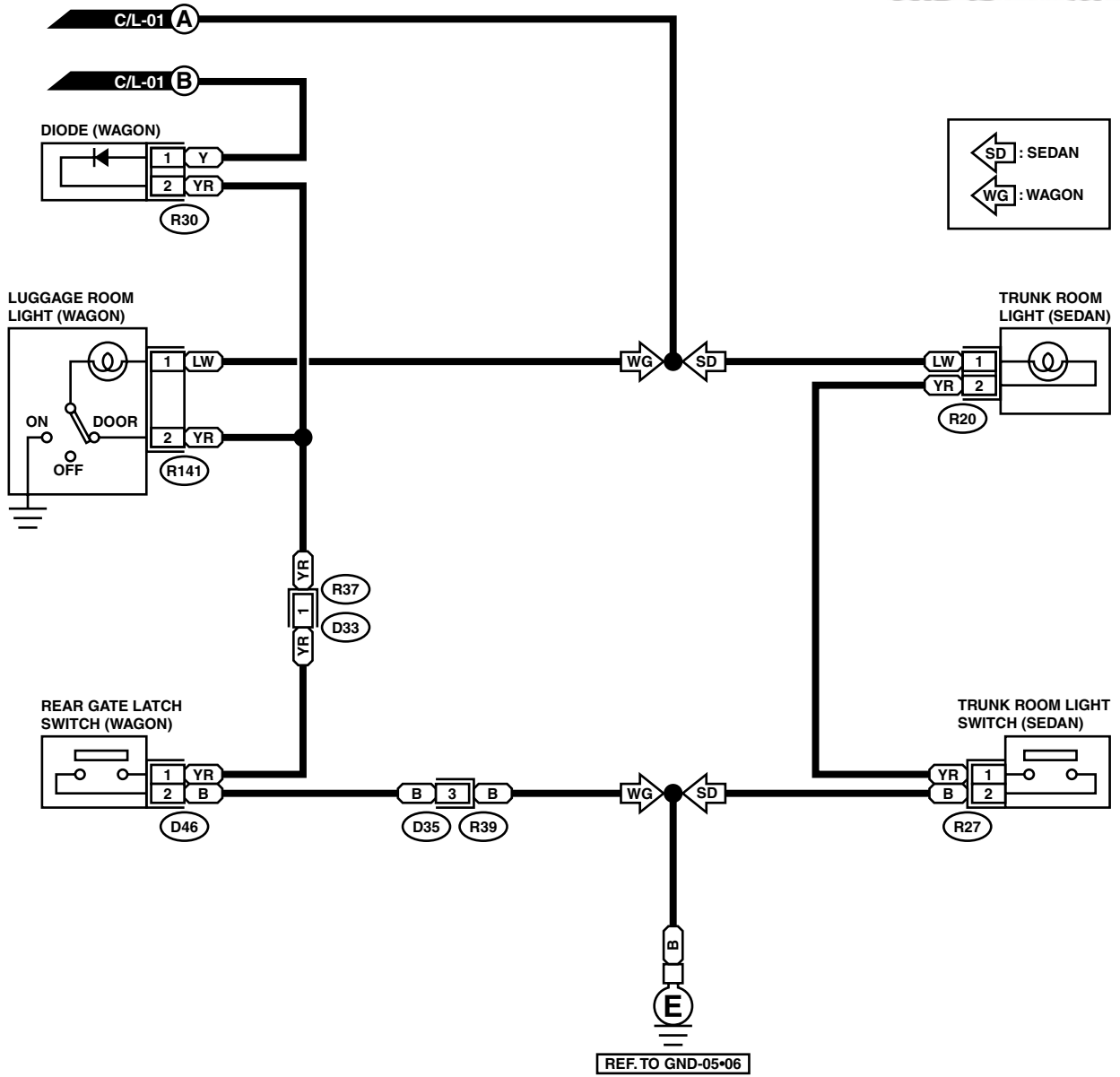
WI-02497

IN COMPARTMENT LIGHT SYSTEM

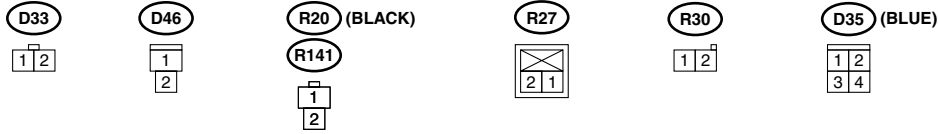
WIRING SYSTEM

C/L-02

C/L-02



REF. TO GND-05*06



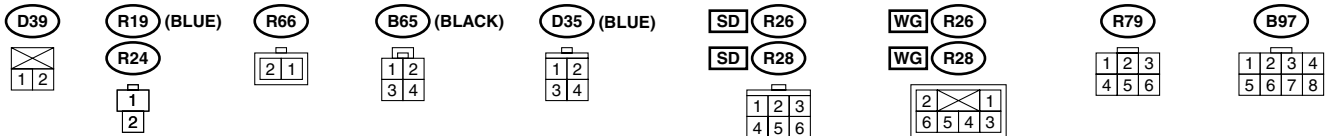
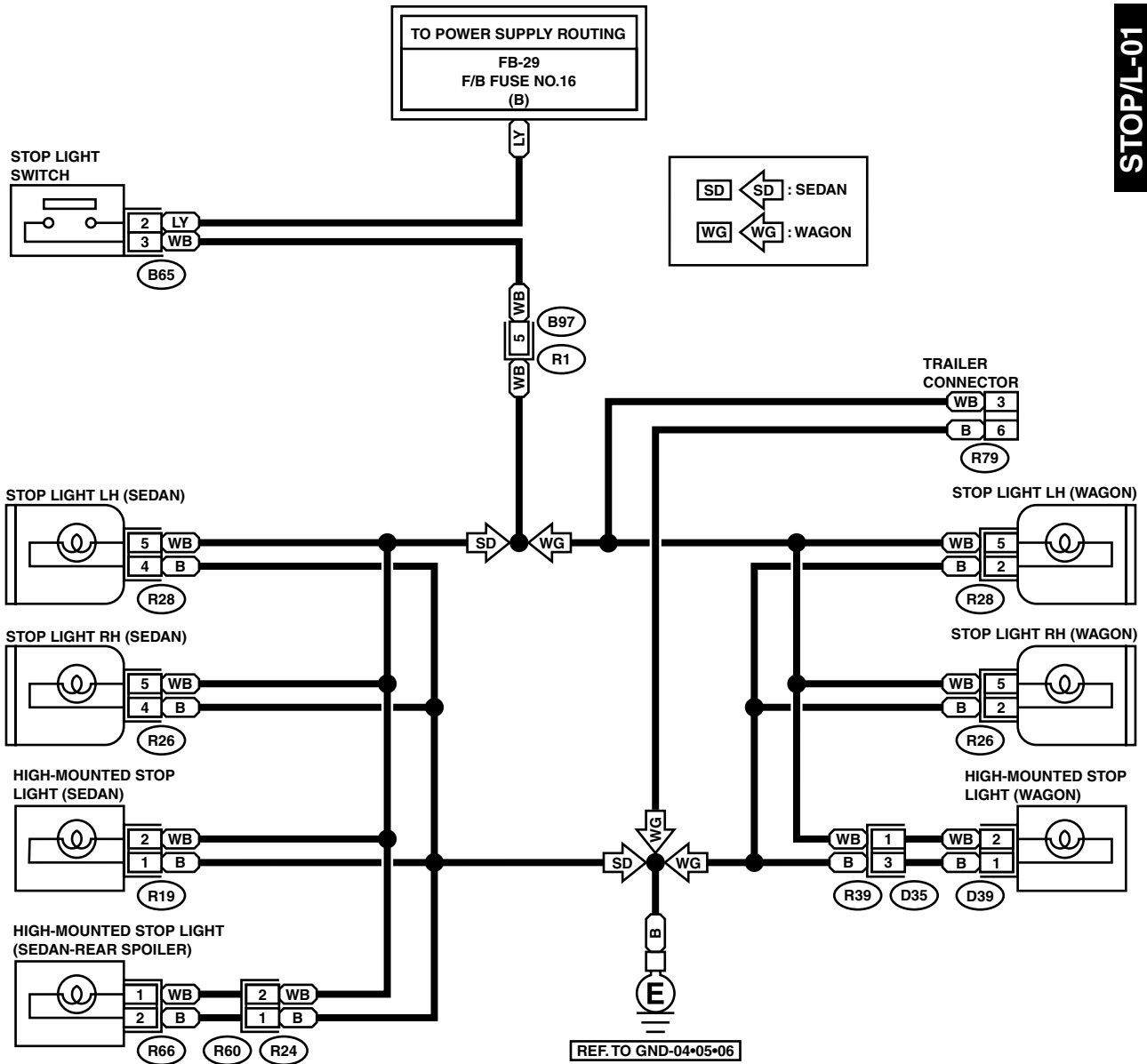
WI-02498

28.Stop Light System

A: SCHEMATIC

STOP/L-01

STOP/L-01

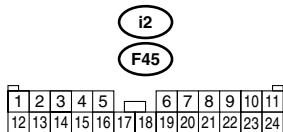
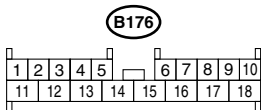
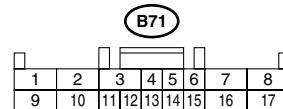
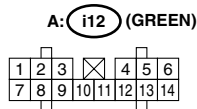
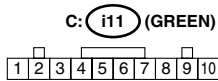
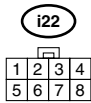
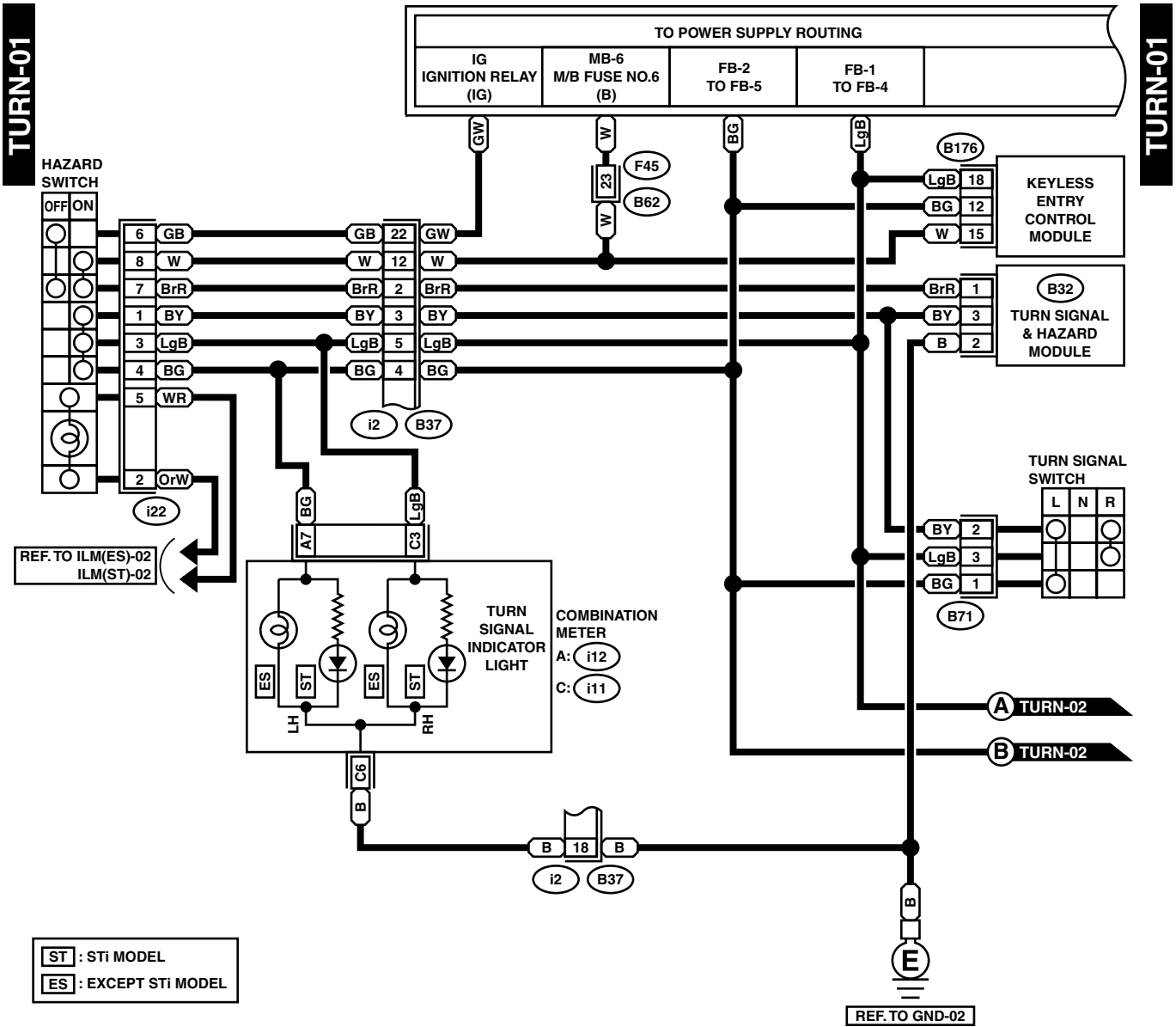


TURN SIGNAL LIGHT AND HAZARD LIGHT SYSTEM

WIRING SYSTEM

29. Turn Signal Light and Hazard Light System

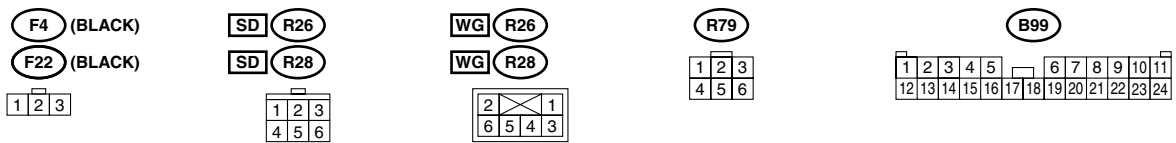
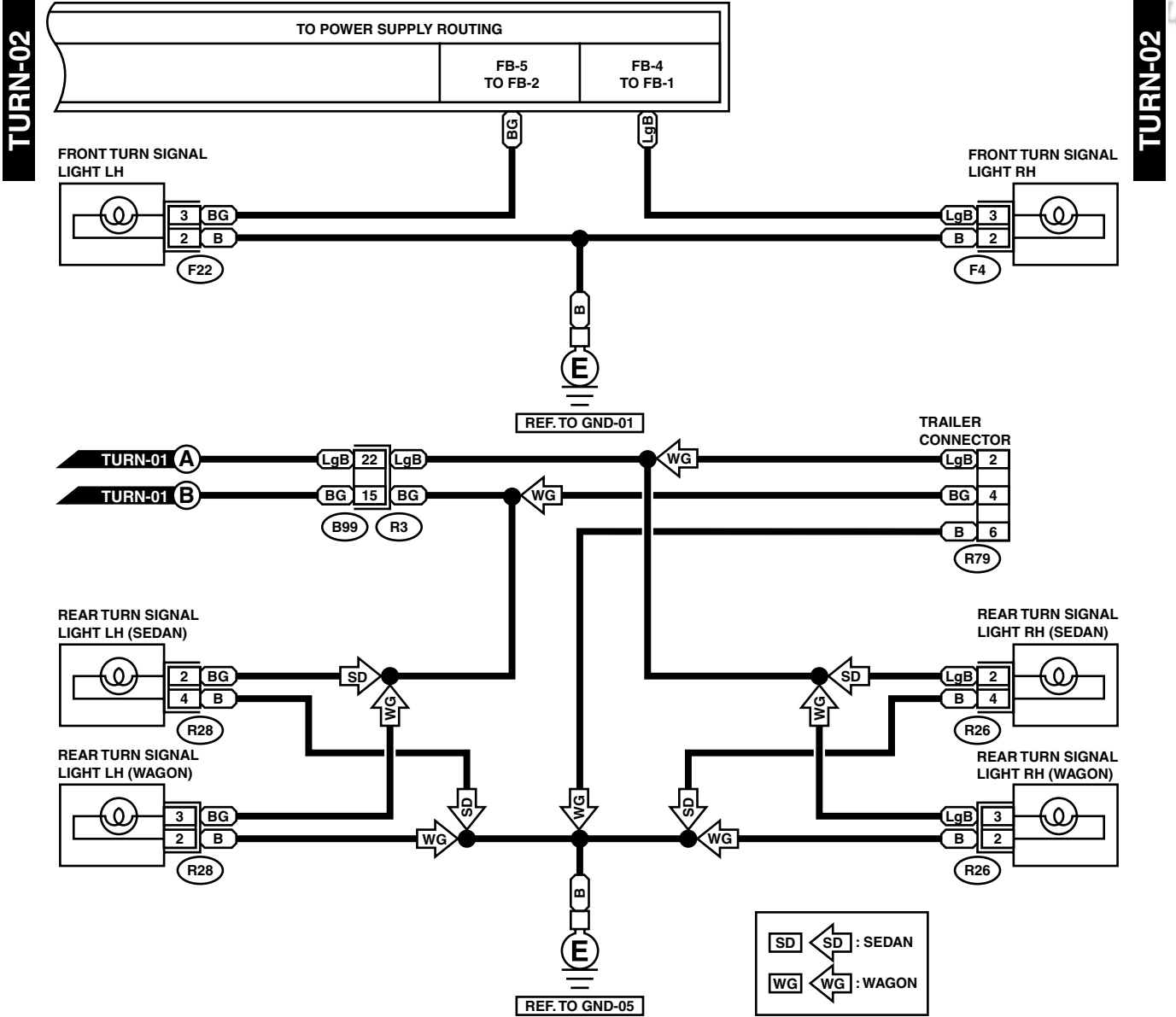
A: SCHEMATIC



WI-02499

TURN SIGNAL LIGHT AND HAZARD LIGHT SYSTEM

WIRING SYSTEM



WI-02500

OIL PRESSURE WARNING LIGHT SYSTEM

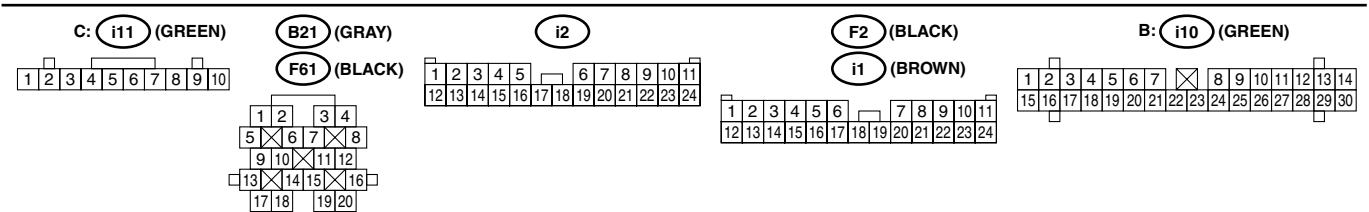
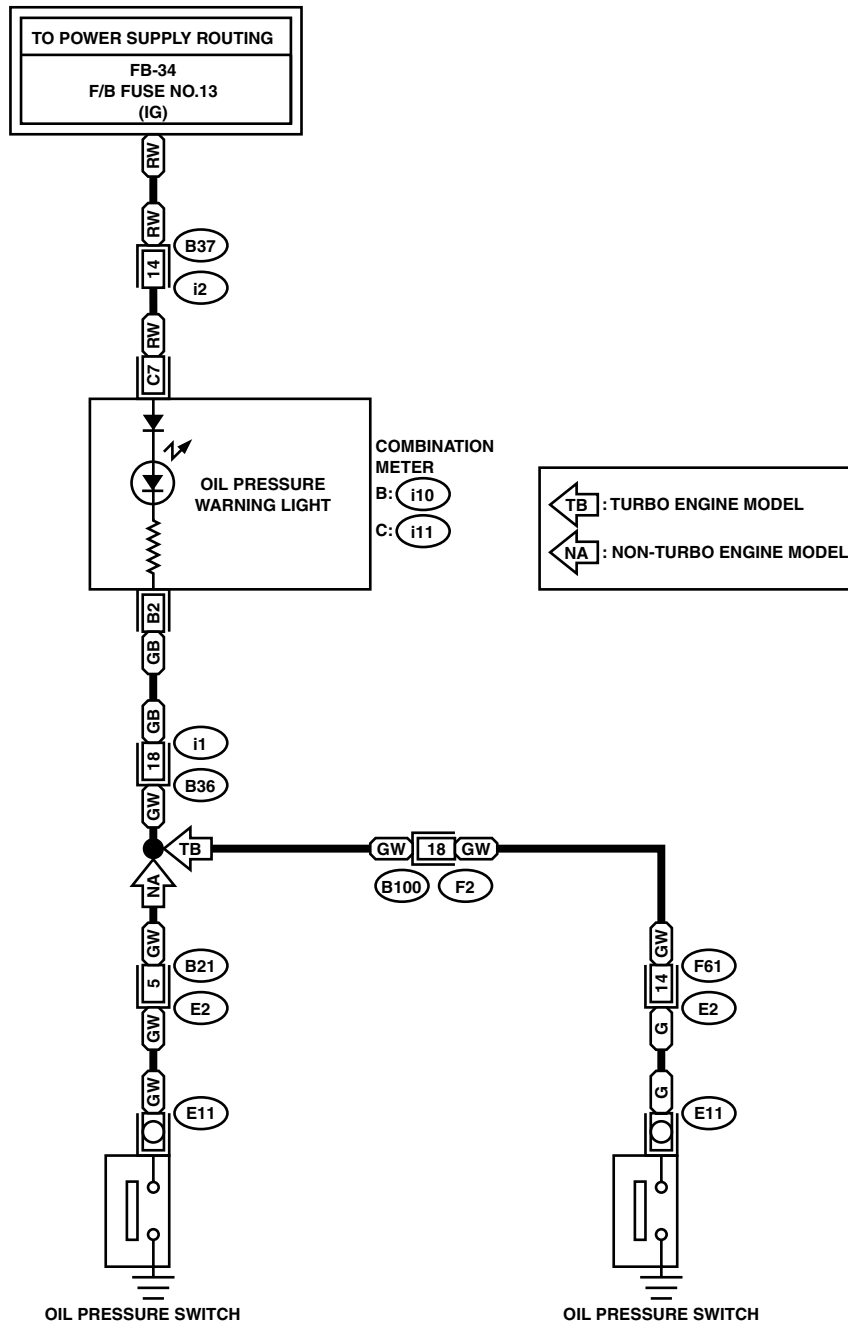
WIRING SYSTEM

30.Oil Pressure Warning Light System

A: SCHEMATIC

OIL/P-01

OIL/P-01



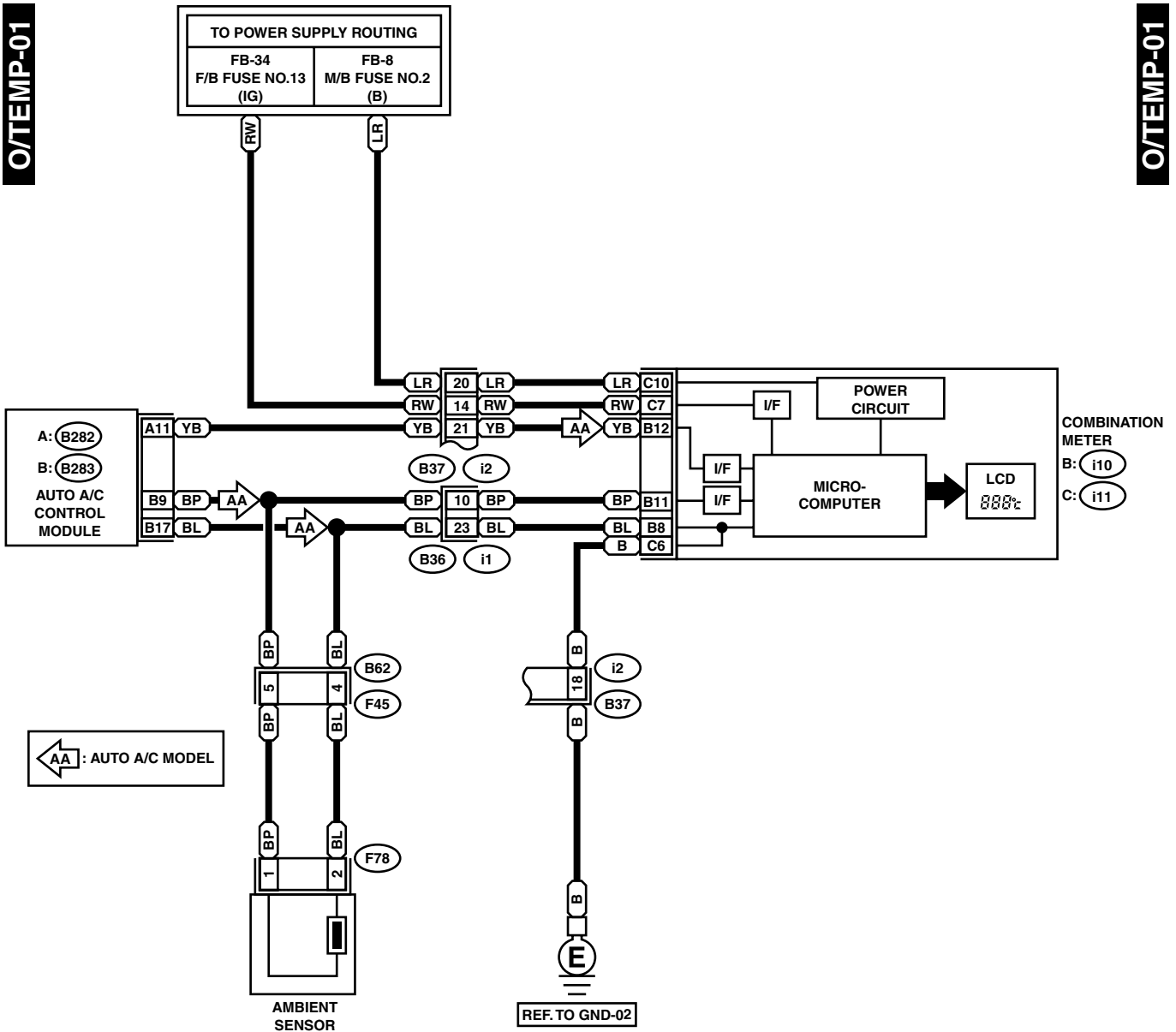
WI-02501

OUTSIDE TEMPERATURE DISPLAY SYSTEM

WIRING SYSTEM

31. Outside Temperature Display System

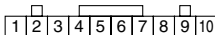
A: SCHEMATIC



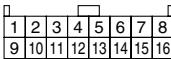
F78 (BLACK)



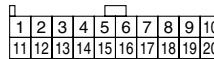
C: i11 (GREEN)



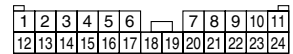
A: B282 (GRAY)



B: B283 (GRAY)

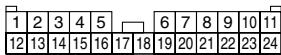


i1 (BROWN)

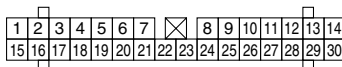


F45

i2



B: i10 (GREEN)



WI-02502

PARKING BRAKE AND BRAKE FLUID LEVEL WARNING SYSTEM

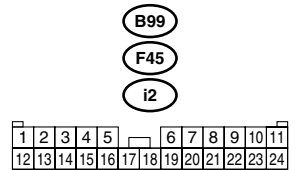
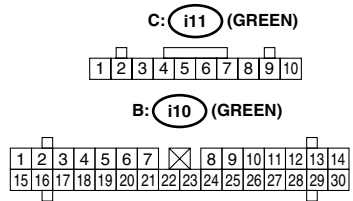
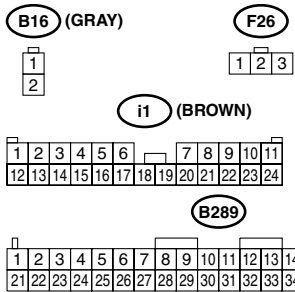
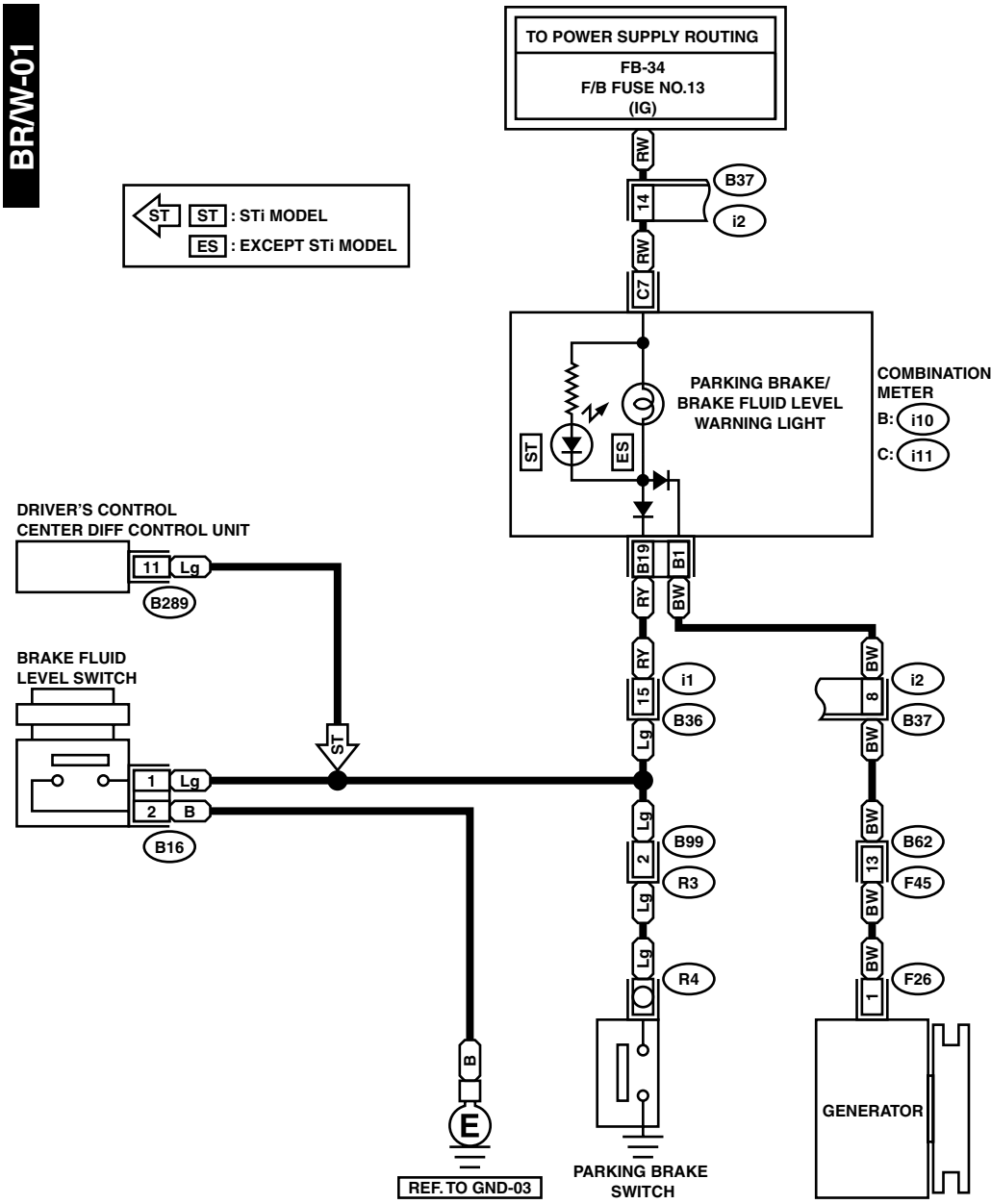
WIRING SYSTEM

32. Parking Brake and Brake Fluid Level Warning System

A: SCHEMATIC

BRW-01

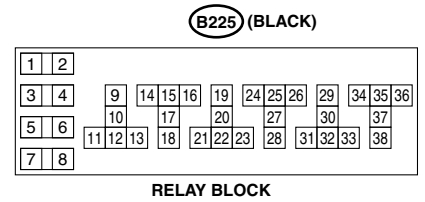
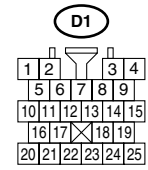
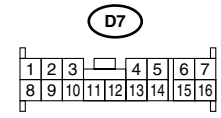
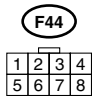
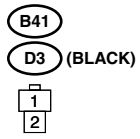
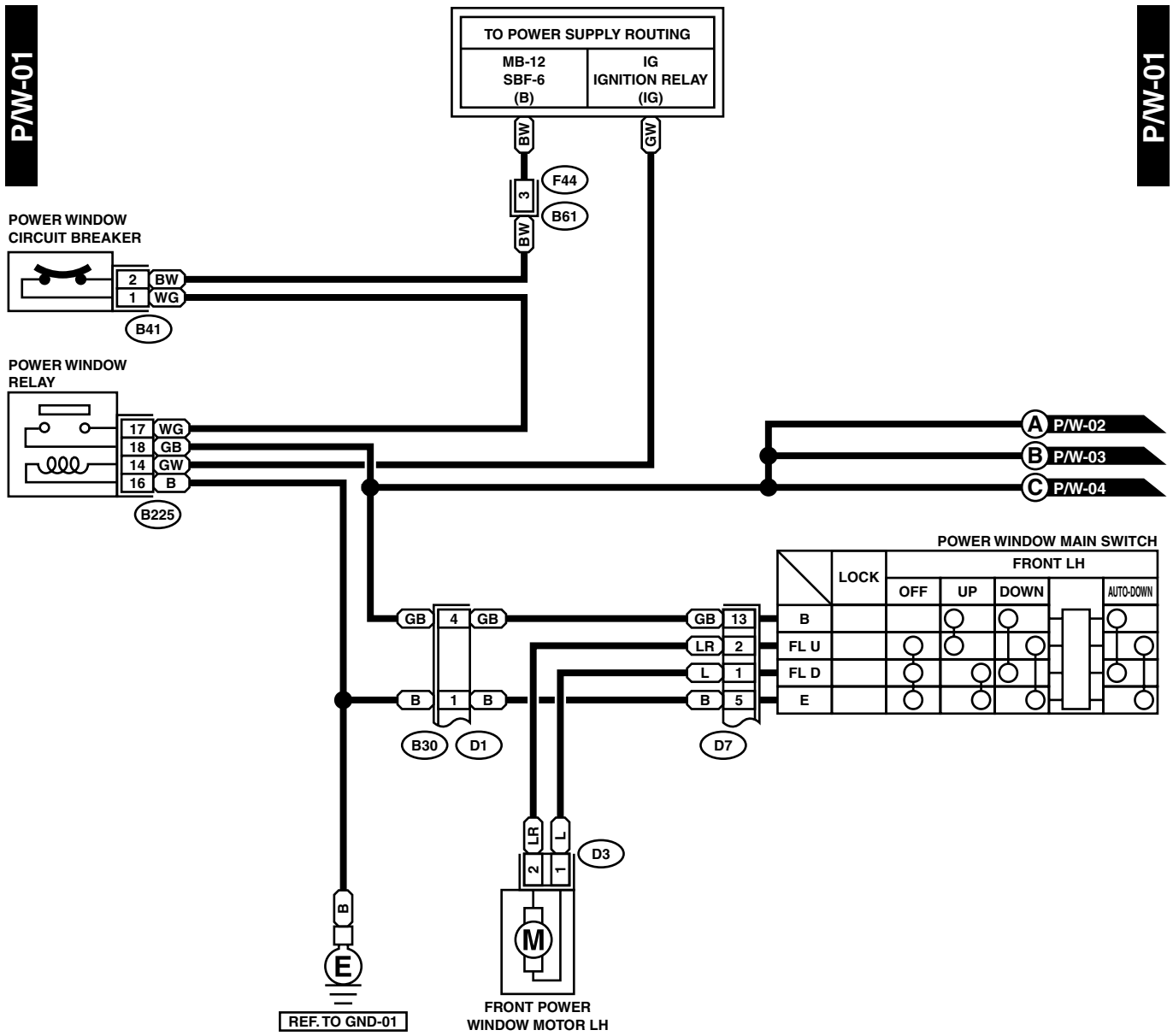
BRW-01



WI-02503

33. Power Window System

A: SCHEMATIC

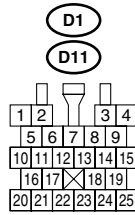
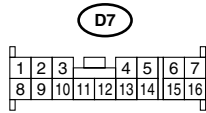
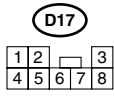
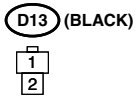
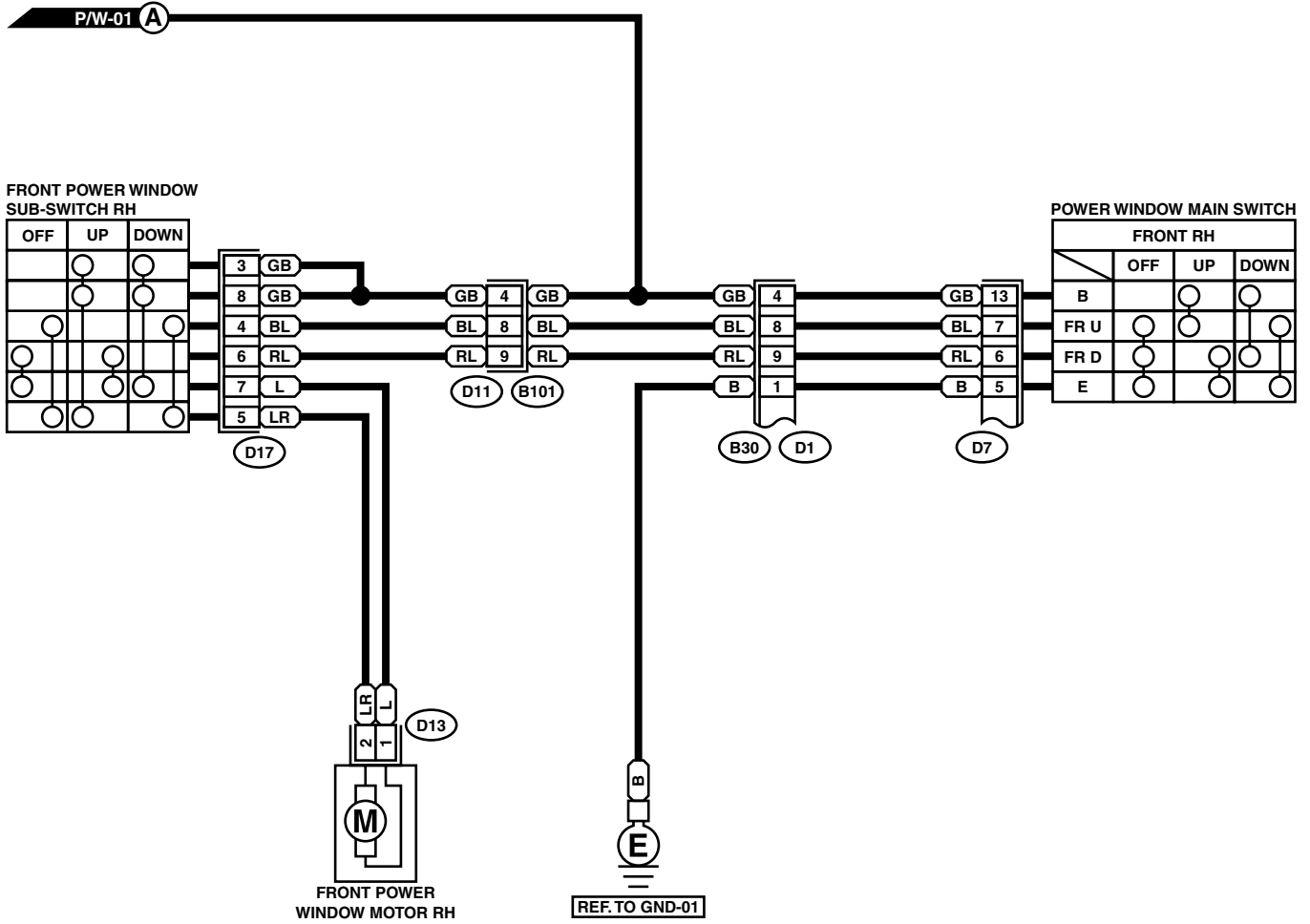


POWER WINDOW SYSTEM

WIRING SYSTEM

P/W-02

P/W-02



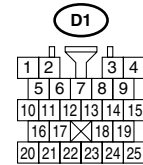
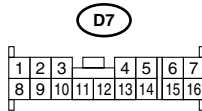
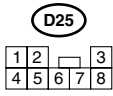
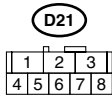
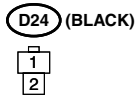
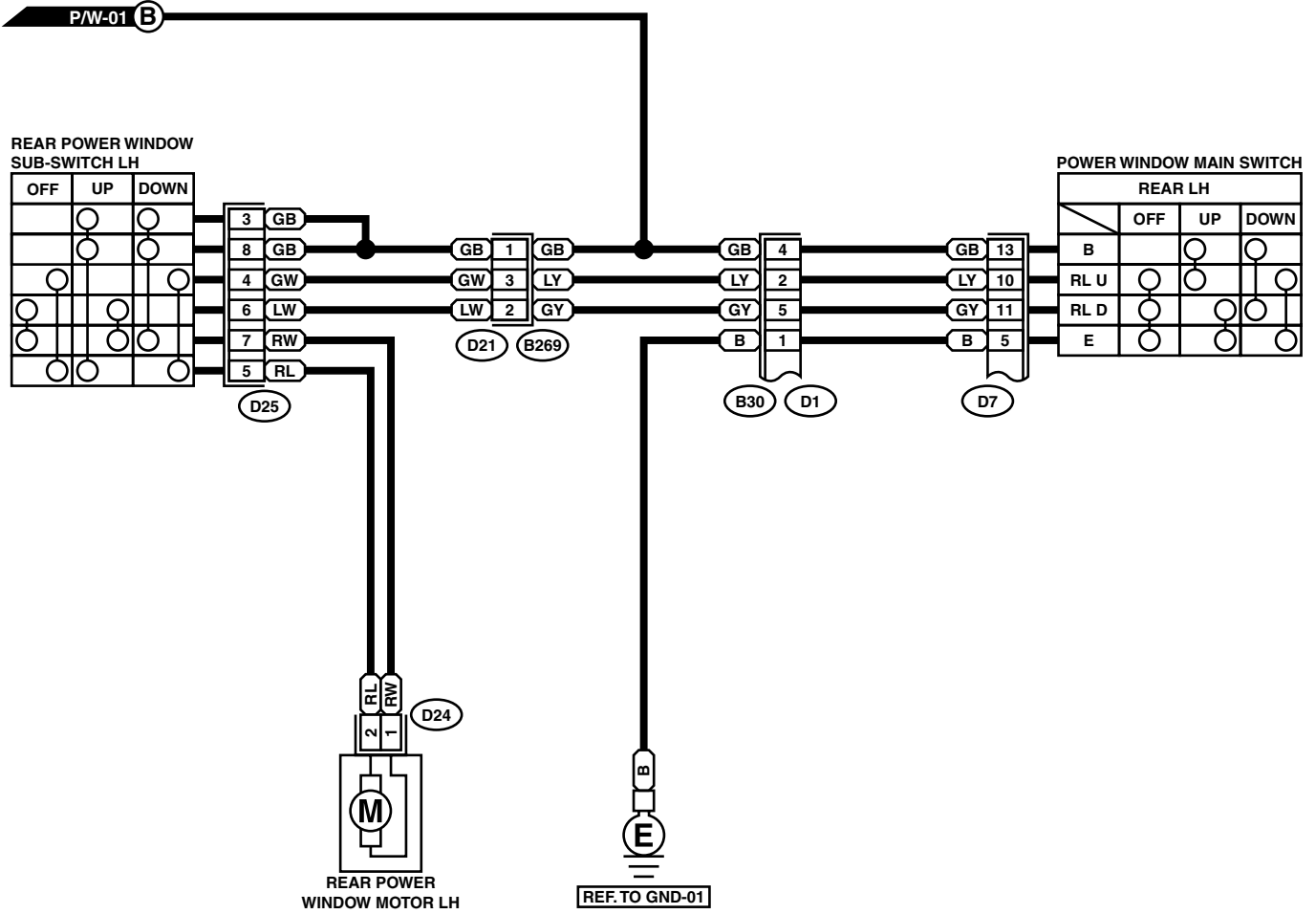
WI-02187

POWER WINDOW SYSTEM

WIRING SYSTEM

P/W-03

P/W-03



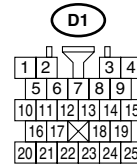
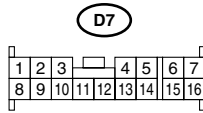
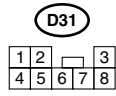
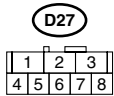
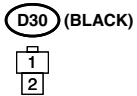
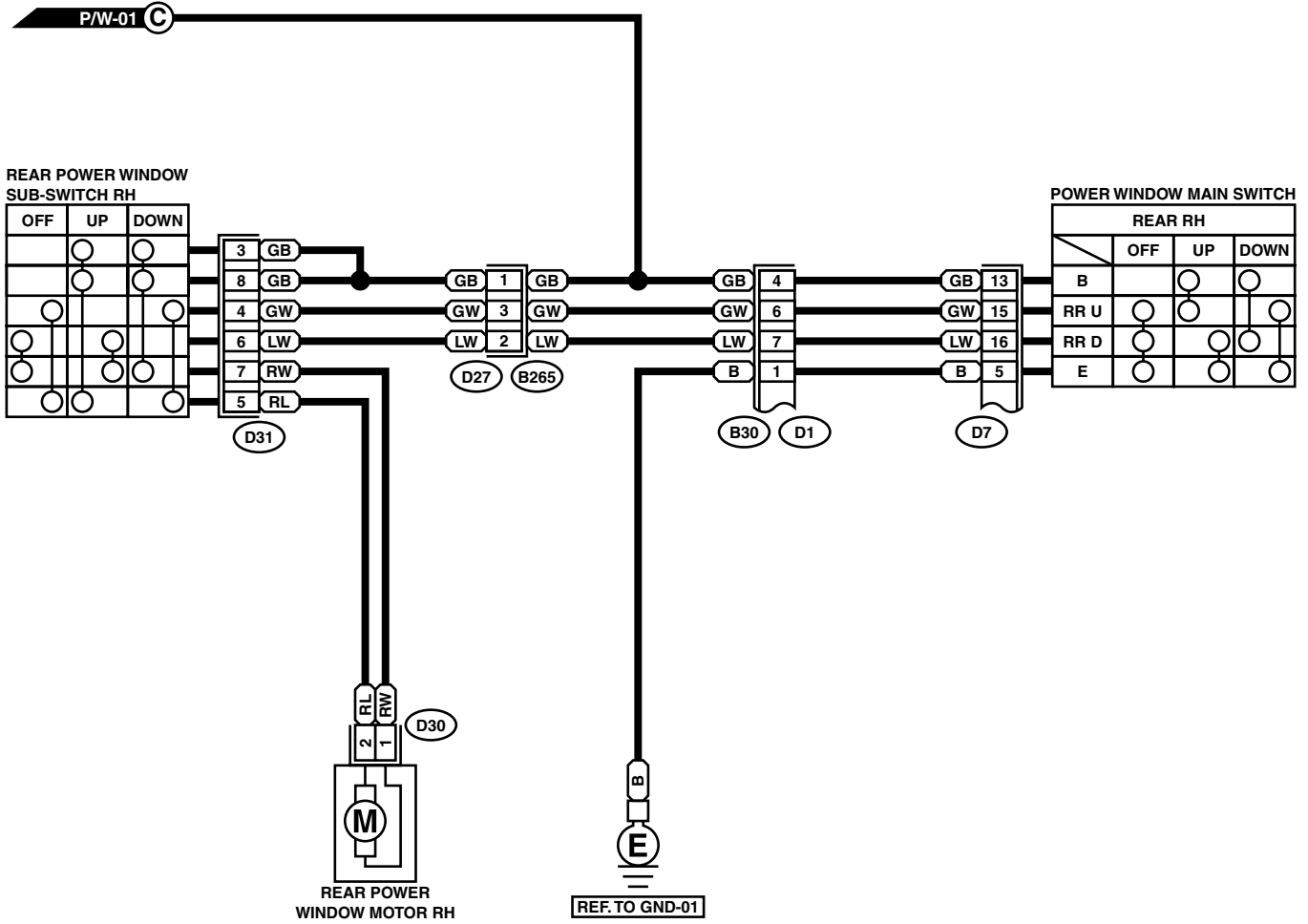
WI-02504

POWER WINDOW SYSTEM

WIRING SYSTEM

P/W-04

P/W-04

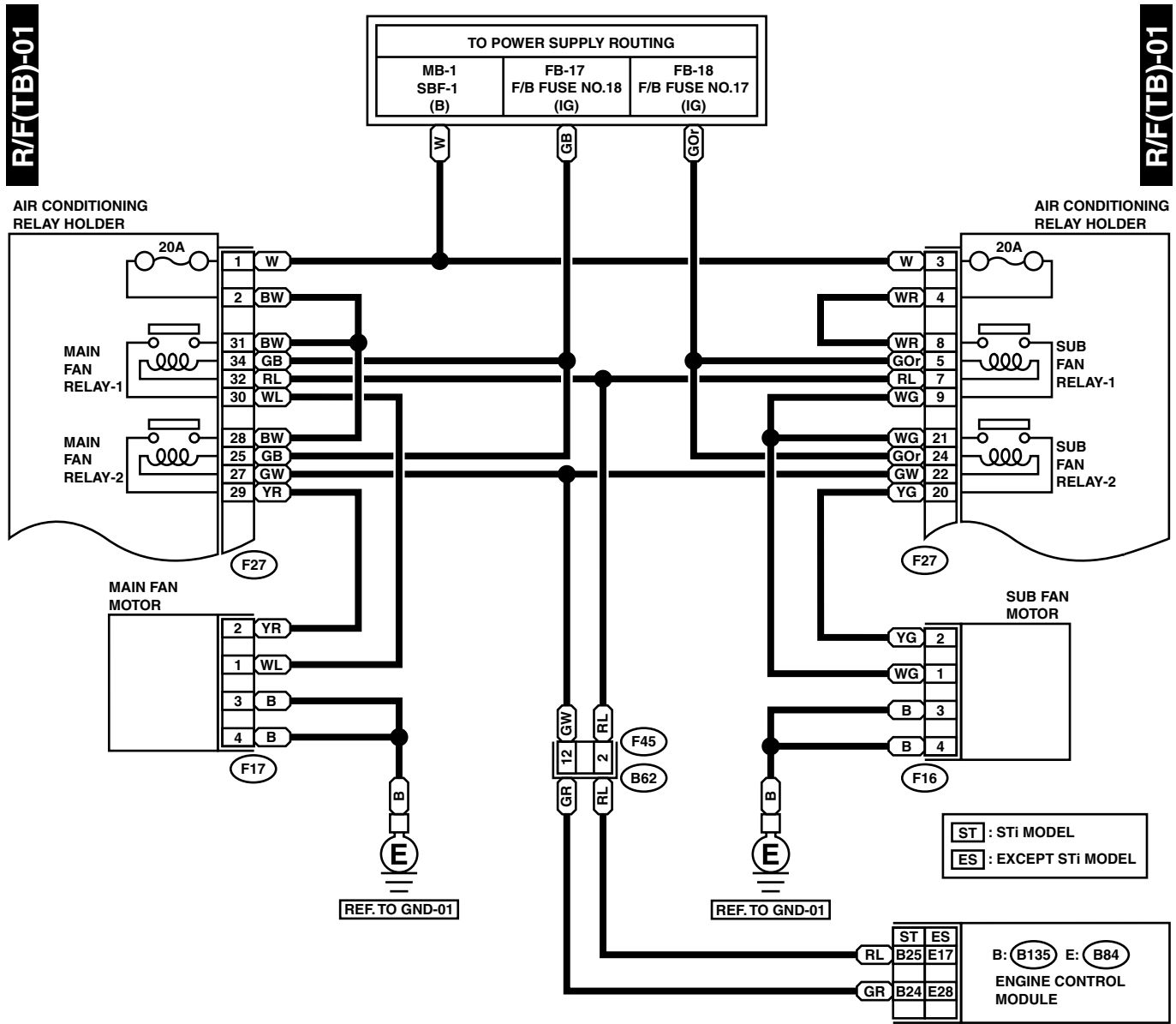


WI-02505

34. Radiator Fan System

A: SCHEMATIC

1. TURBO ENGINE MODEL

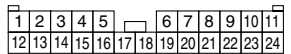


F16 (GRAY)

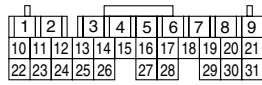
F17 (GRAY)



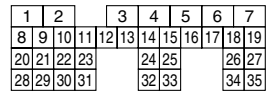
F45



E: (B84)



B: (B135)



F27



RELAY HOLDER

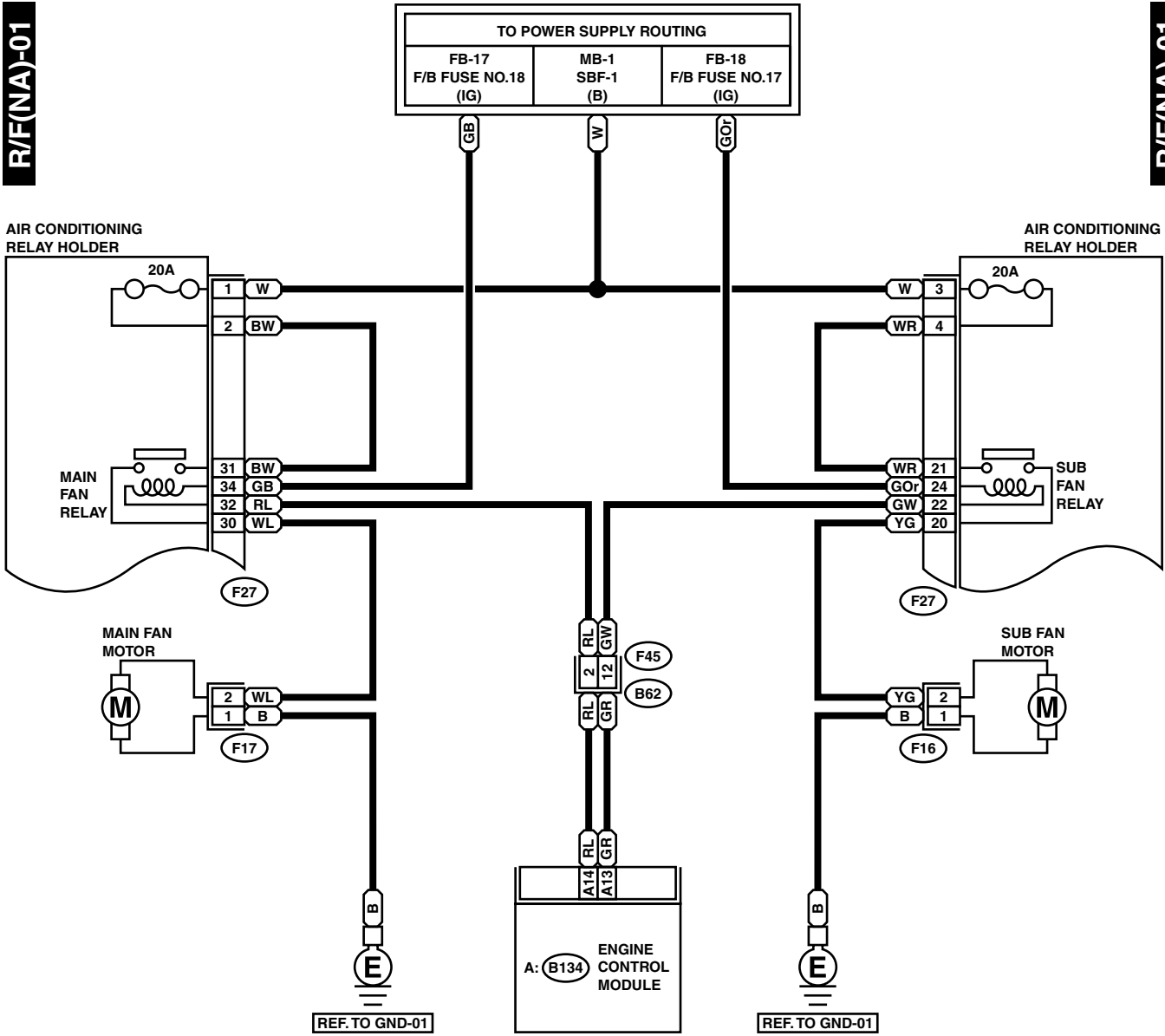
RADIATOR FAN SYSTEM

WIRING SYSTEM

2. NON-TURBO ENGINE MODEL

R/F(NA)-01

R/F(NA)-01



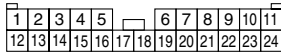
F16 (BLACK)



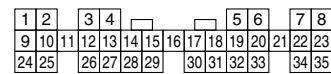
F17 (GRAY)



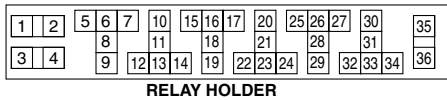
F45



A: B134



F27



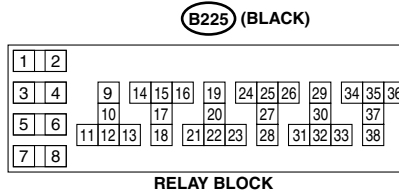
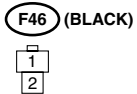
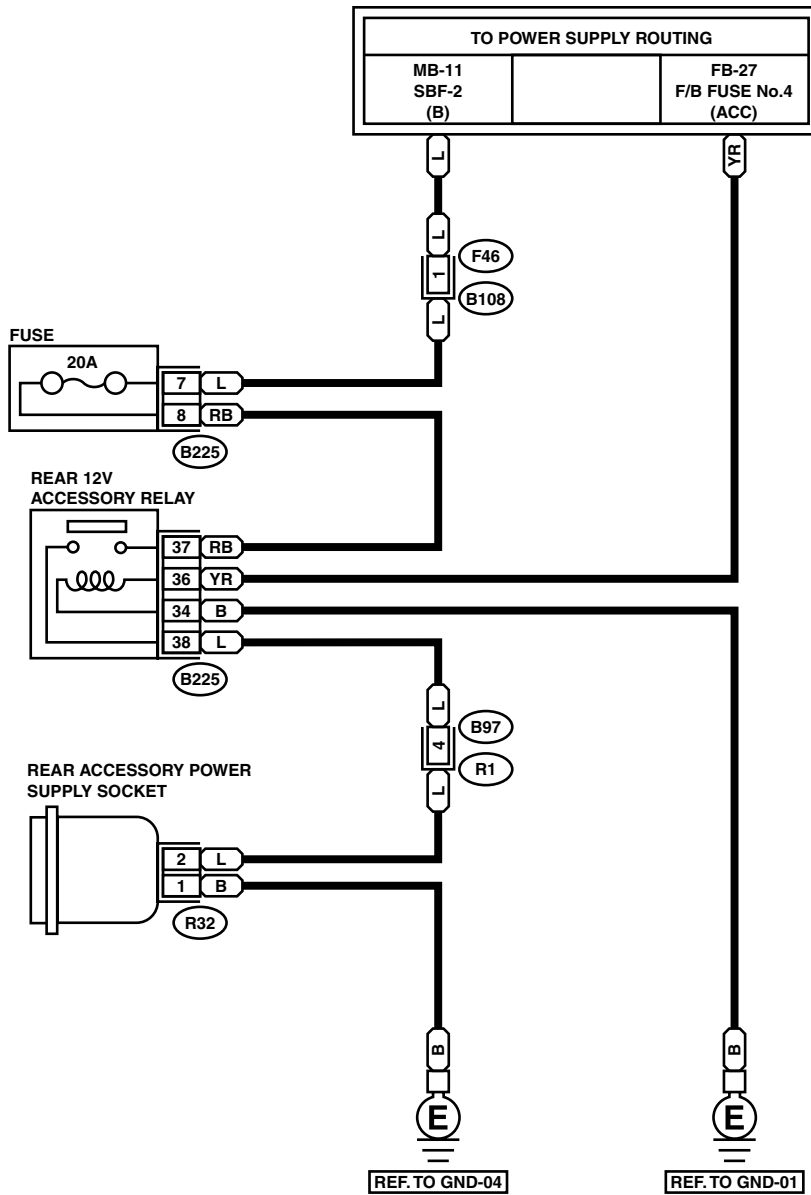
WI-02507

35.Rear Accessory Power Supply System

A: SCHEMATIC

RAPS-01

RAPS-01

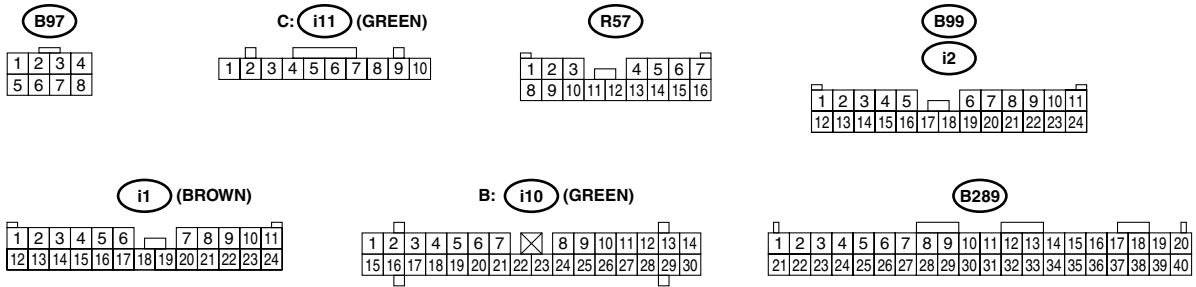
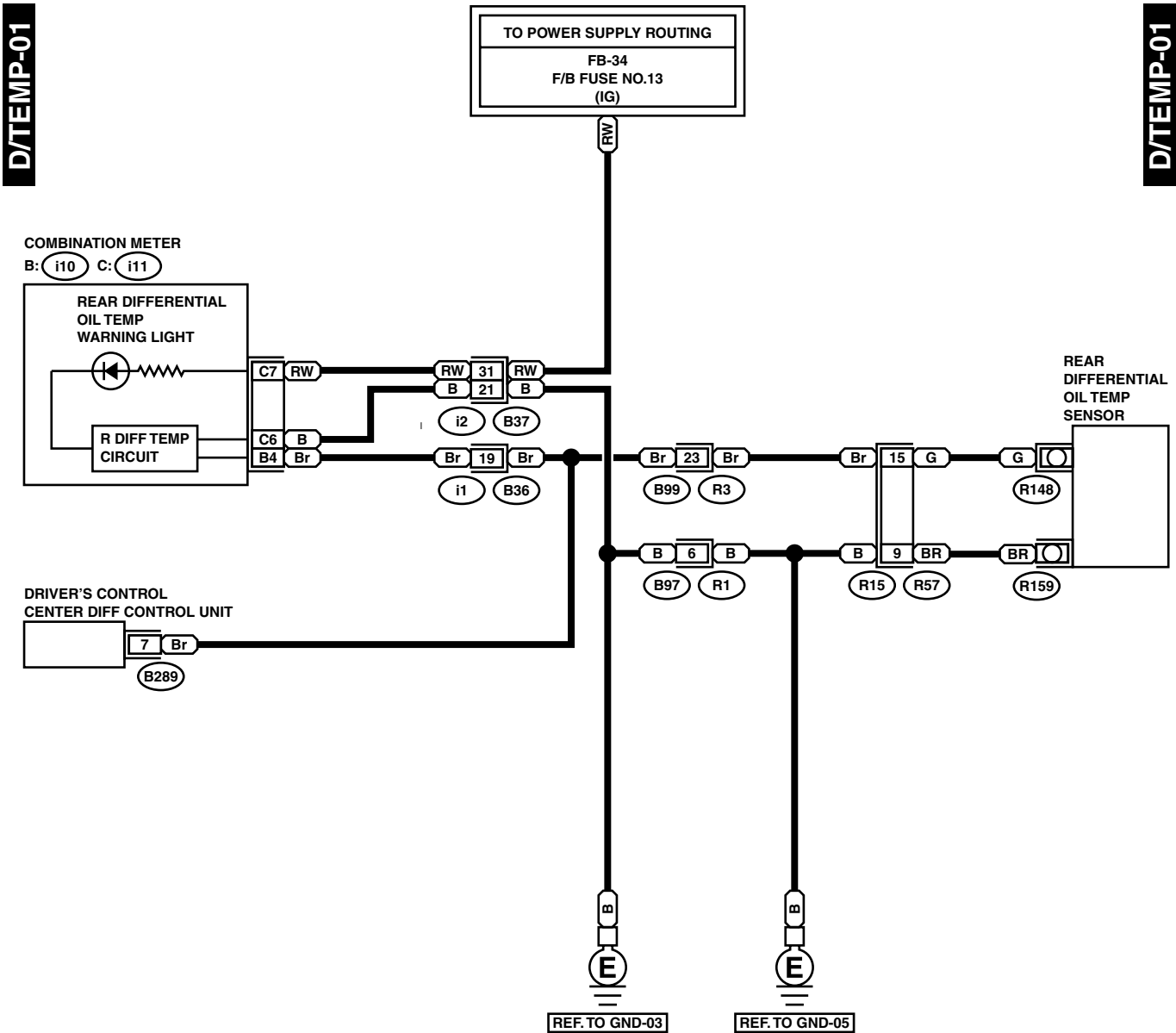


REAR DIFFERENTIAL OIL TEMPERATURE WARNING LIGHT SYSTEM

WIRING SYSTEM

36.Rear Differential Oil Temperature Warning Light System

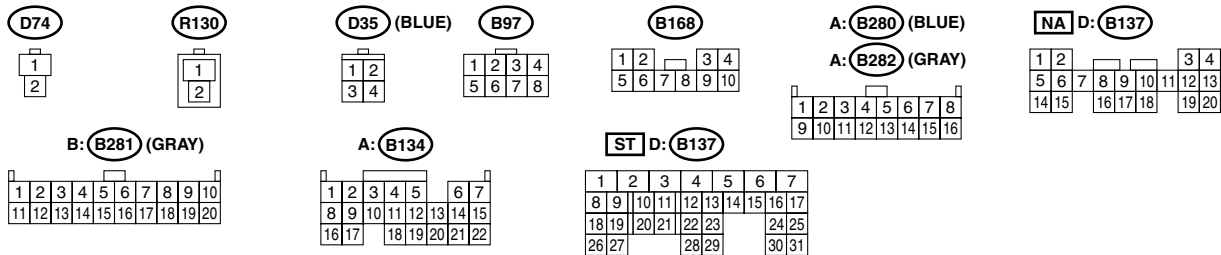
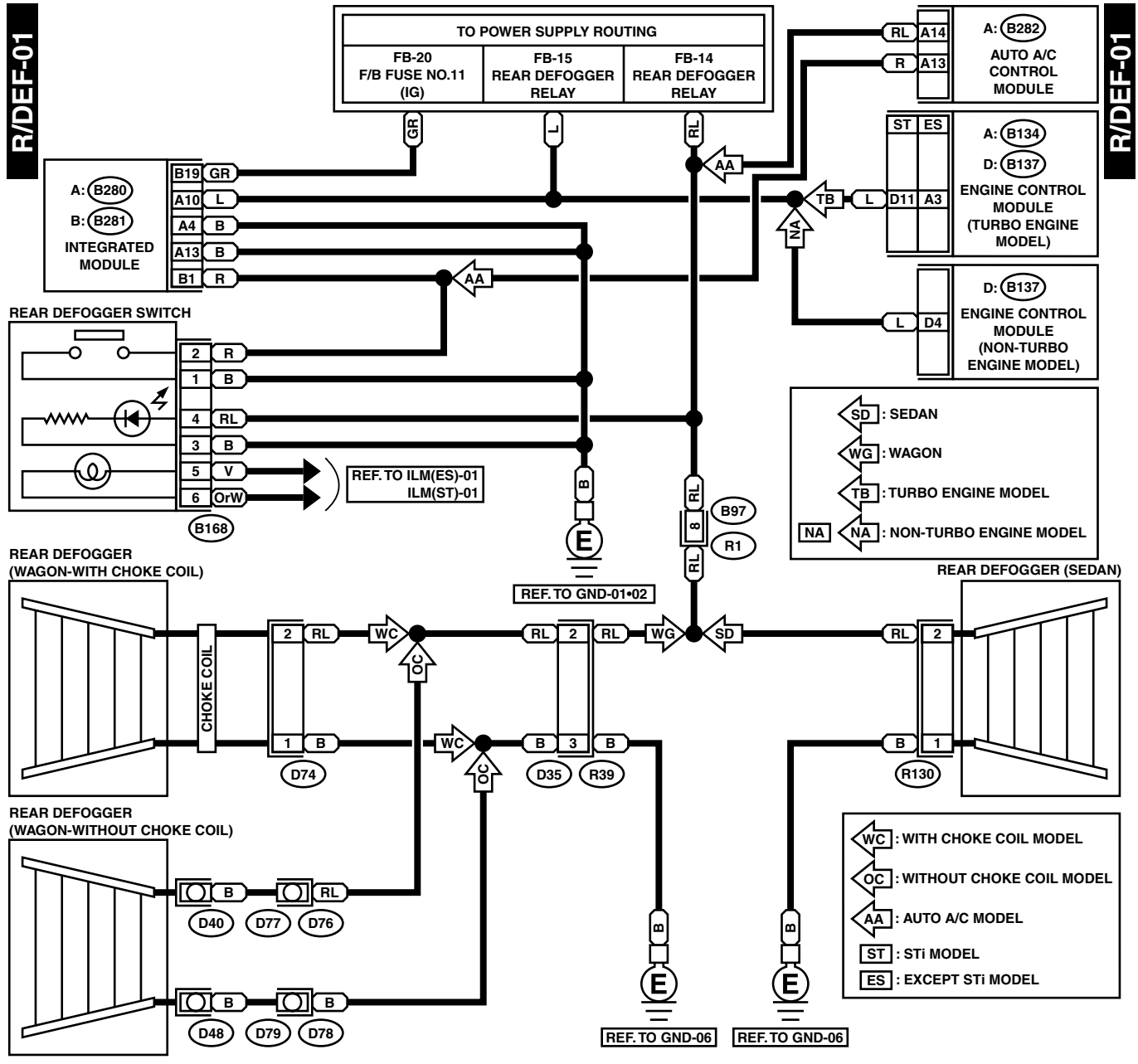
A: SCHEMATIC



WI-02977

37. Rear Window Defogger System

A: SCHEMATIC

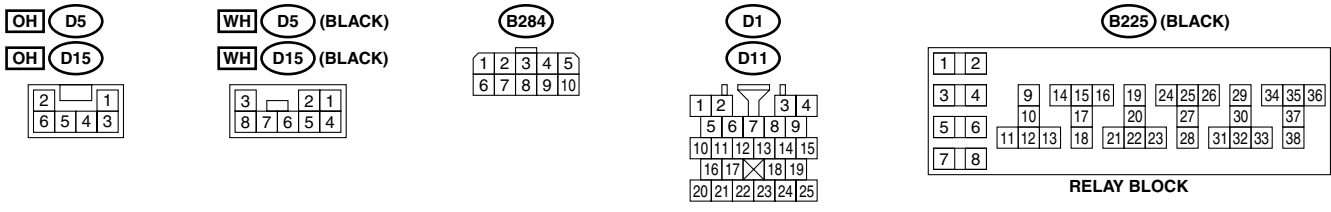
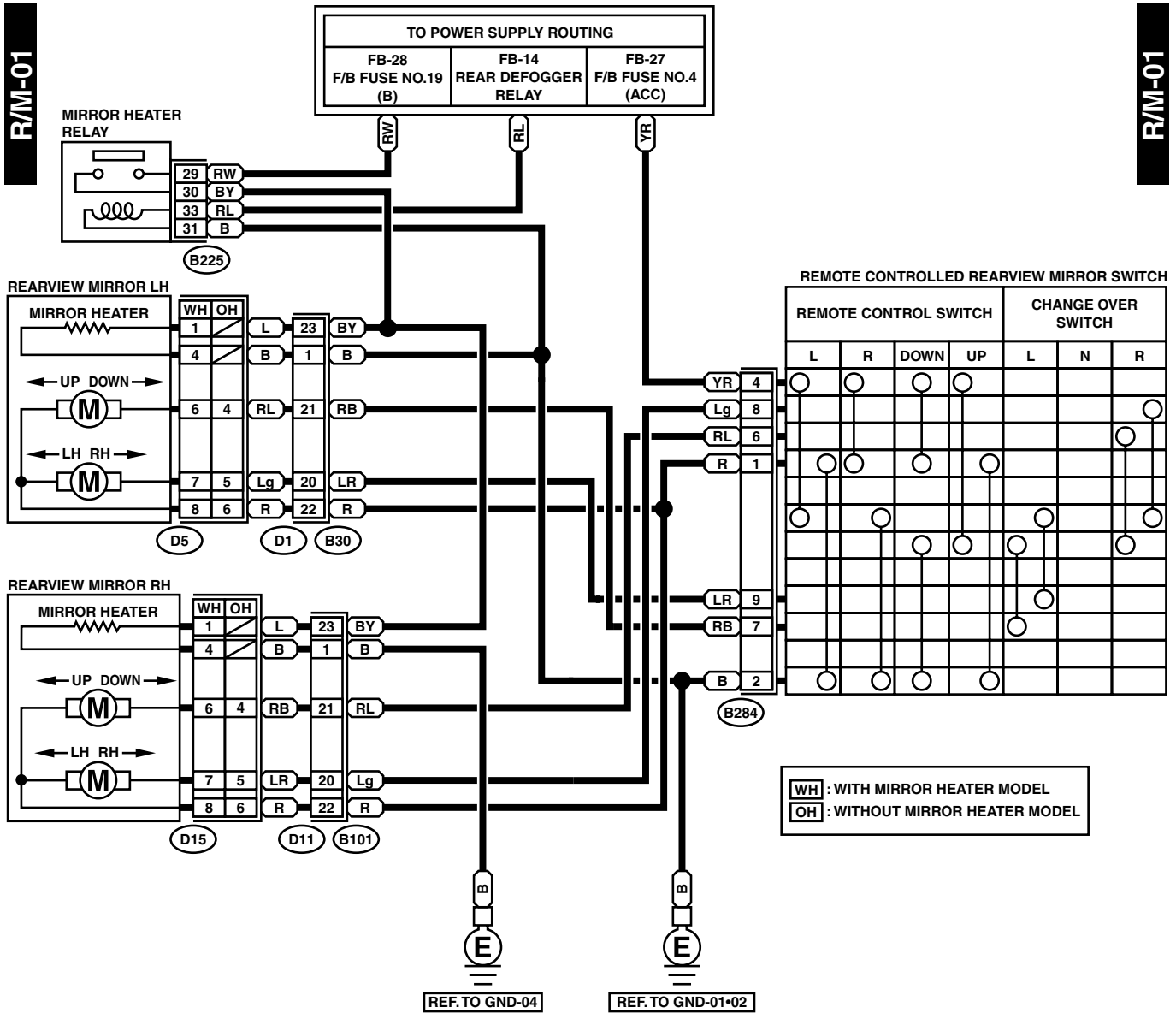


REMOTE CONTROLLED REARVIEW MIRROR SYSTEM

WIRING SYSTEM

38.Remote Controlled Rearview Mirror System

A: SCHEMATIC



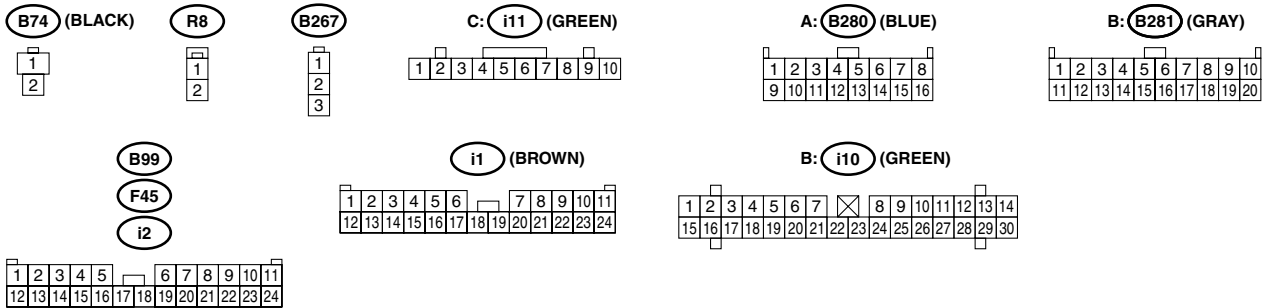
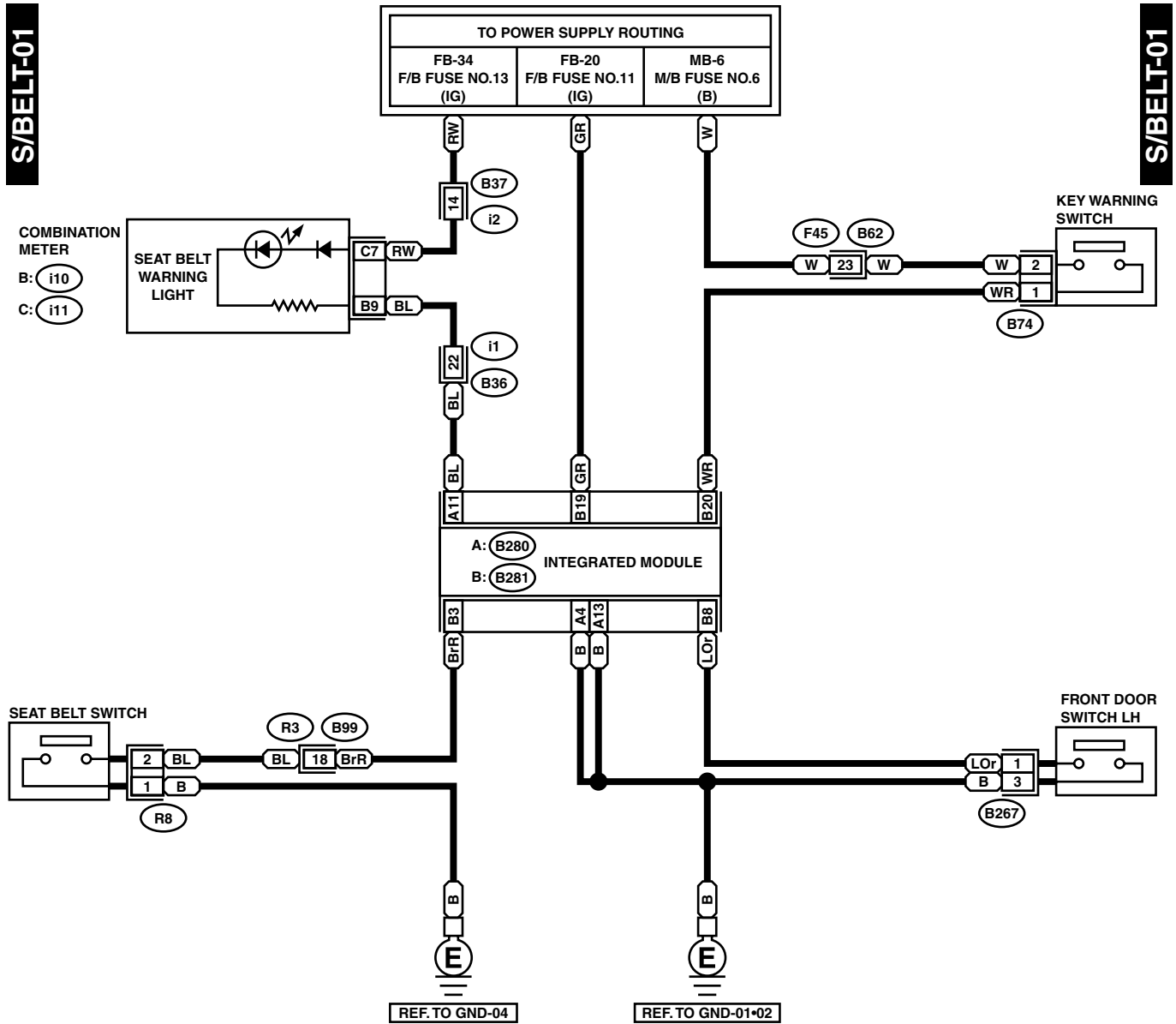
WI-02545

SEAT BELT WARNING SYSTEM

WIRING SYSTEM

39. Seat Belt Warning System

A: SCHEMATIC



WI-02509

SEAT HEATER SYSTEM

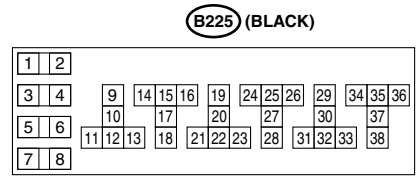
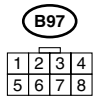
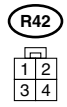
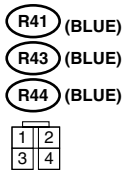
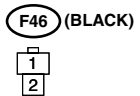
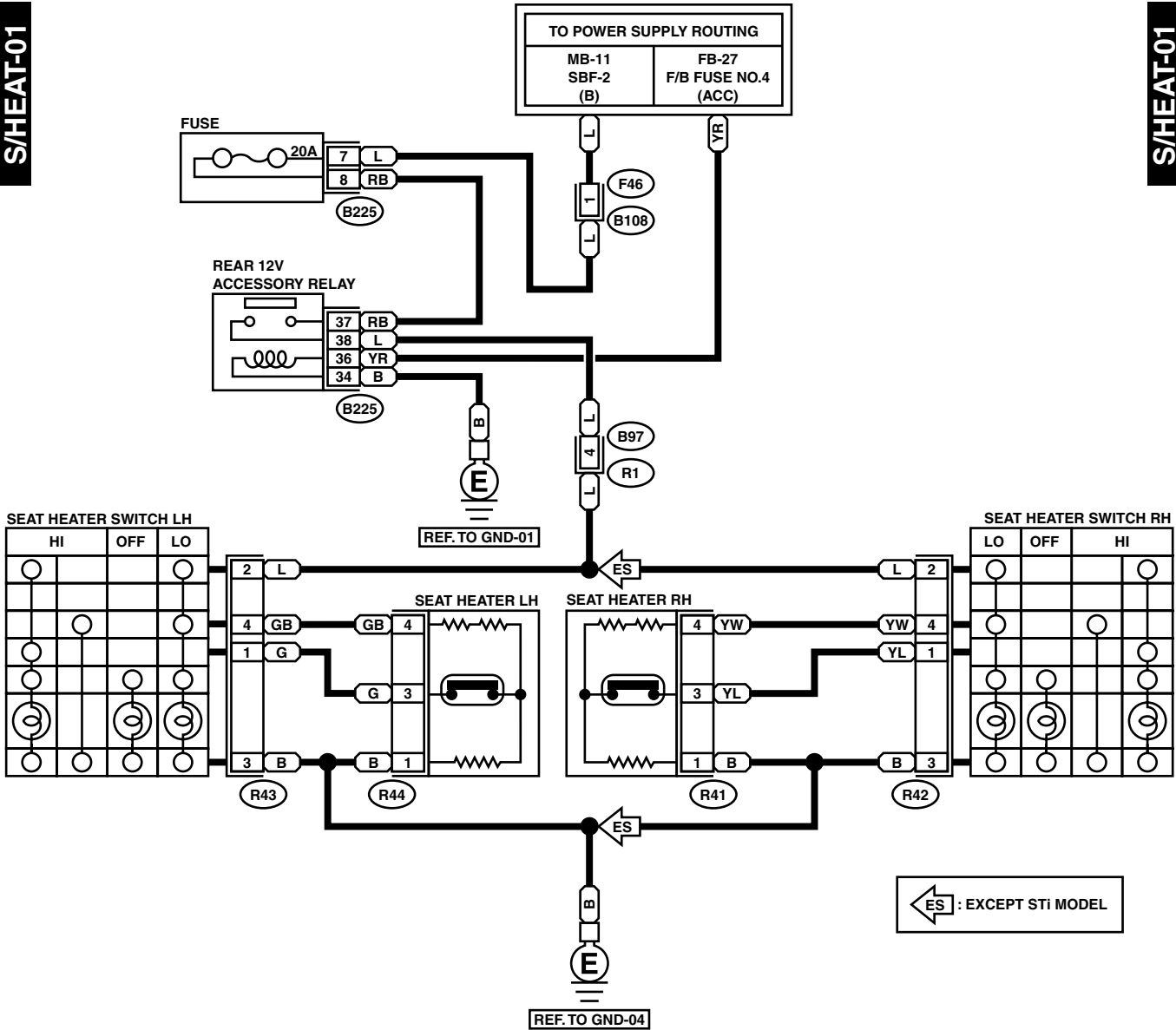
WIRING SYSTEM

40. Seat Heater System

A: SCHEMATIC

S/HEAT-01

S/HEAT-01

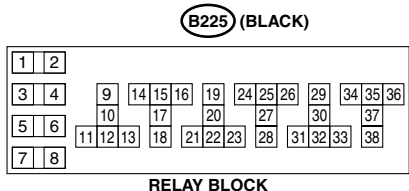
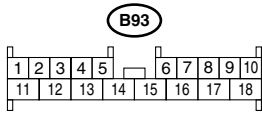
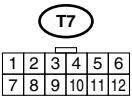
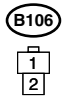
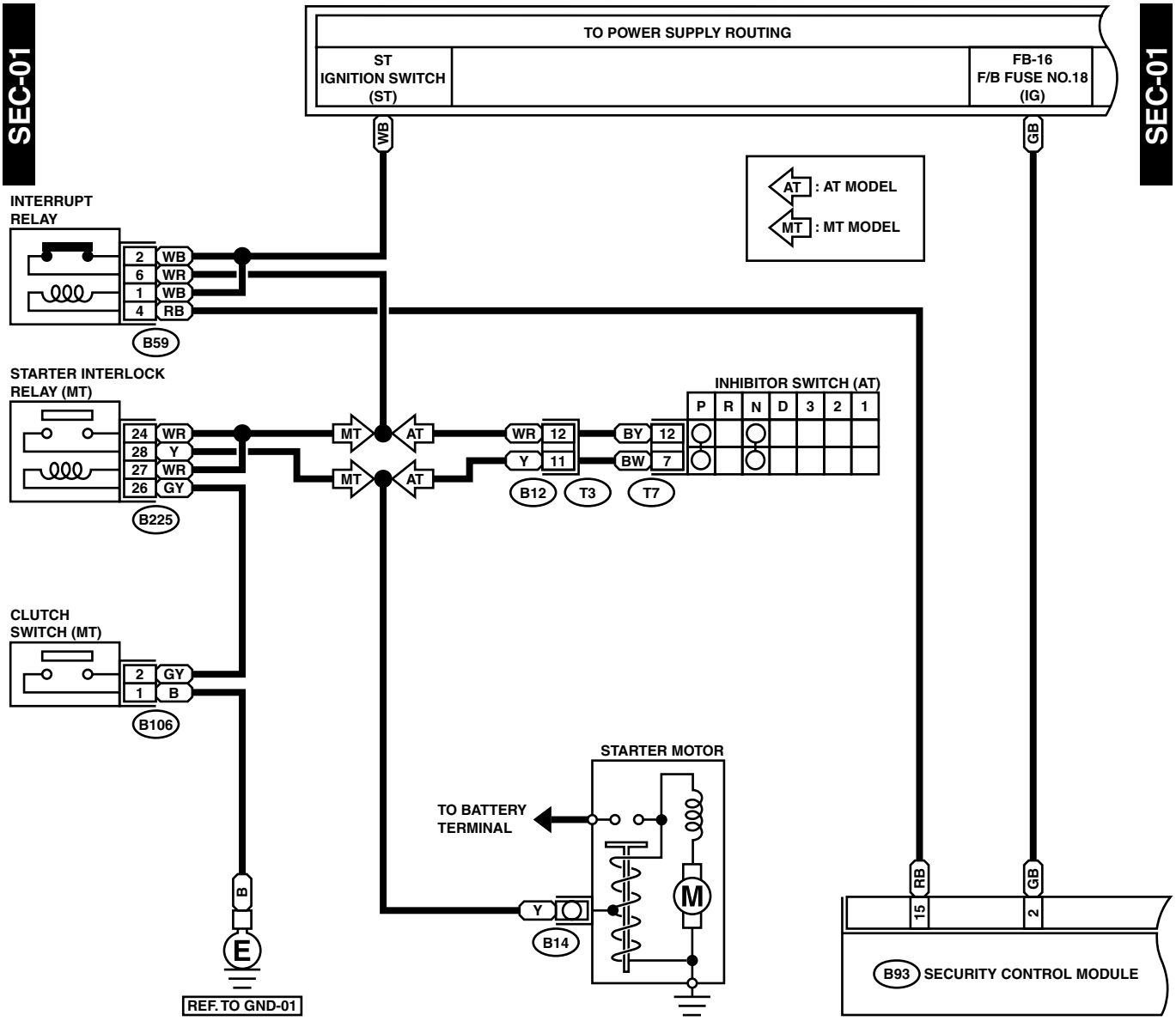


RELAY BLOCK

WI-02510

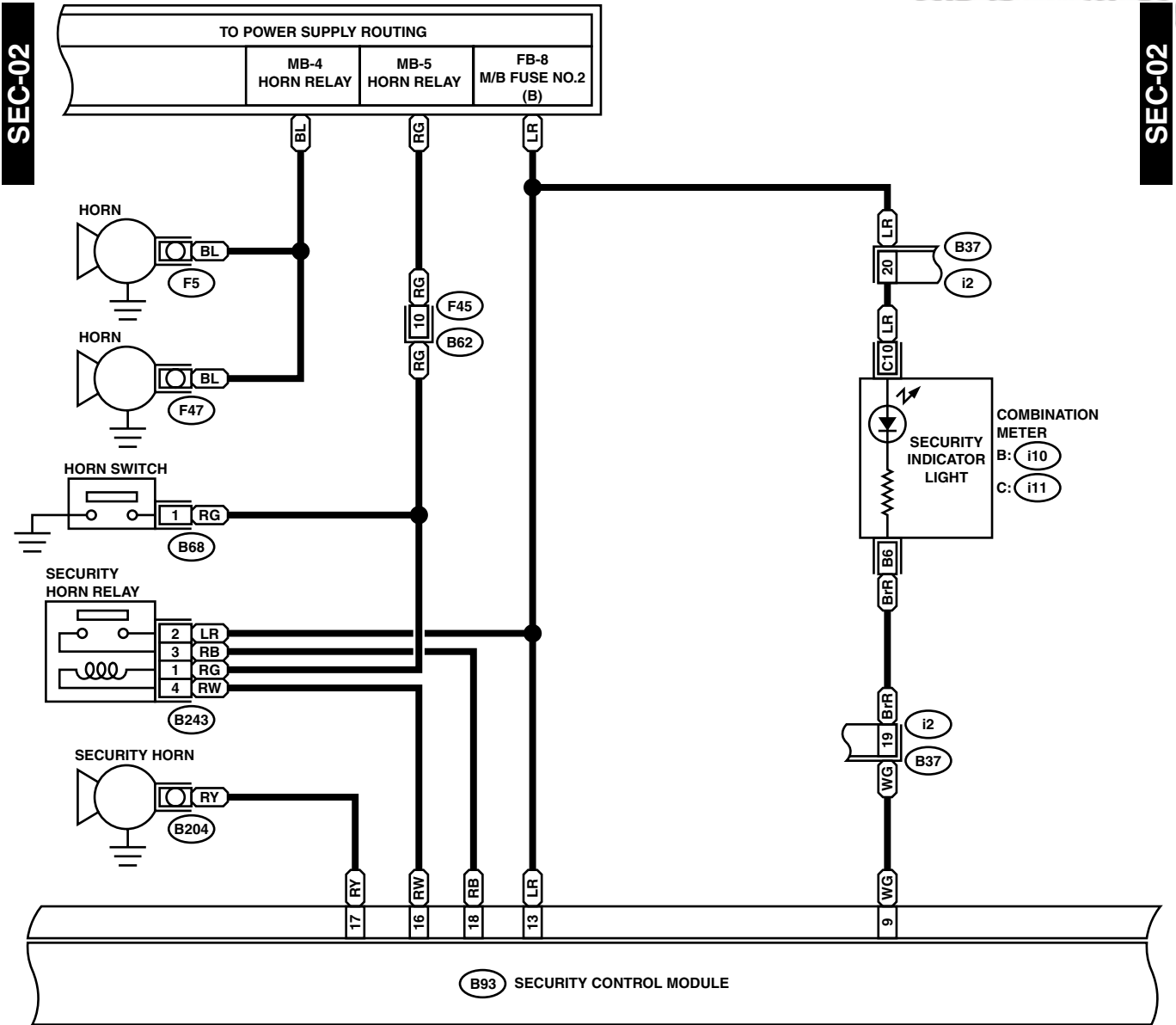
41. Security System

A: SCHEMATIC



SECURITY SYSTEM

WIRING SYSTEM



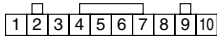
B68 (BLACK)



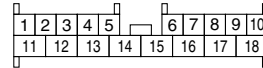
B243



C: i11 (GREEN)

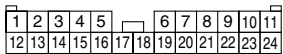


B93

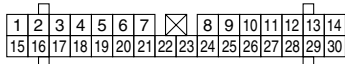


F45

i2



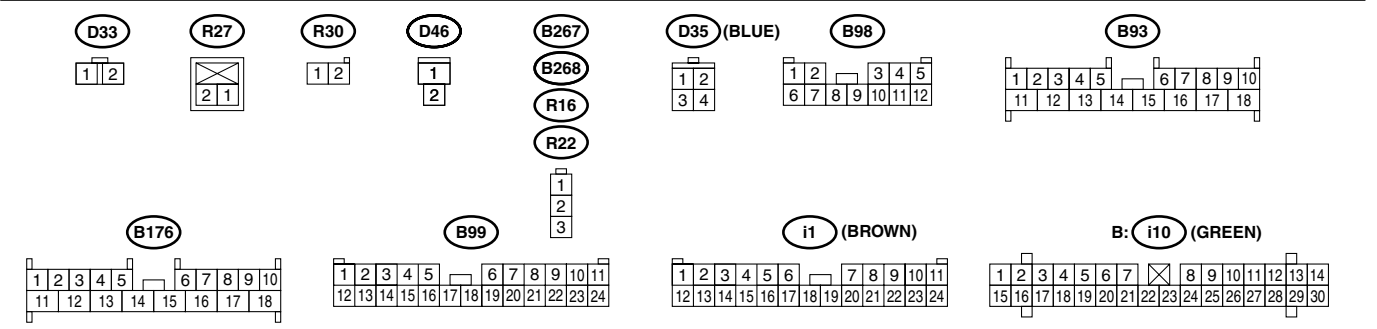
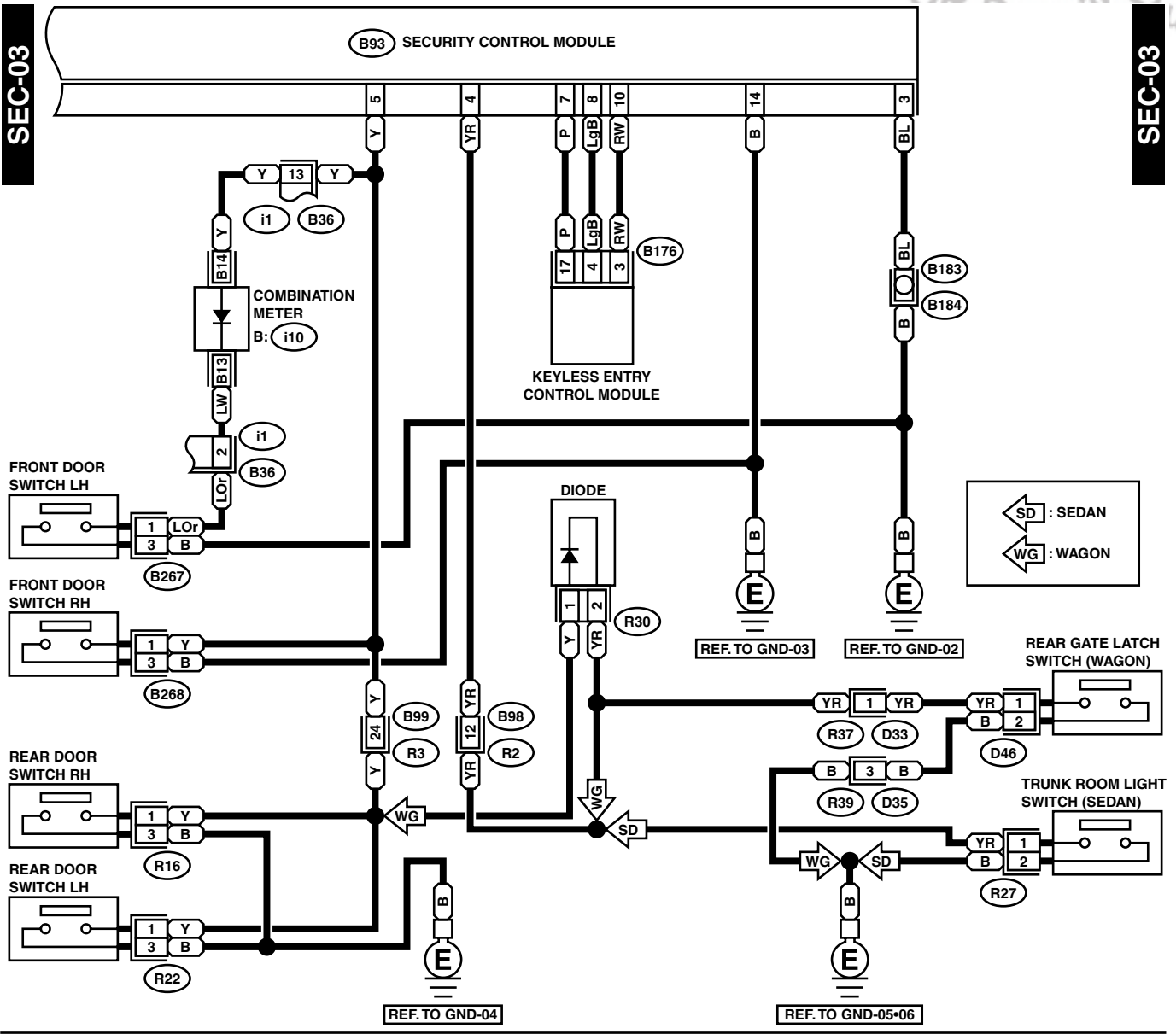
B: i10 (GREEN)



WI-02512

SECURITY SYSTEM

WIRING SYSTEM



WI-02513

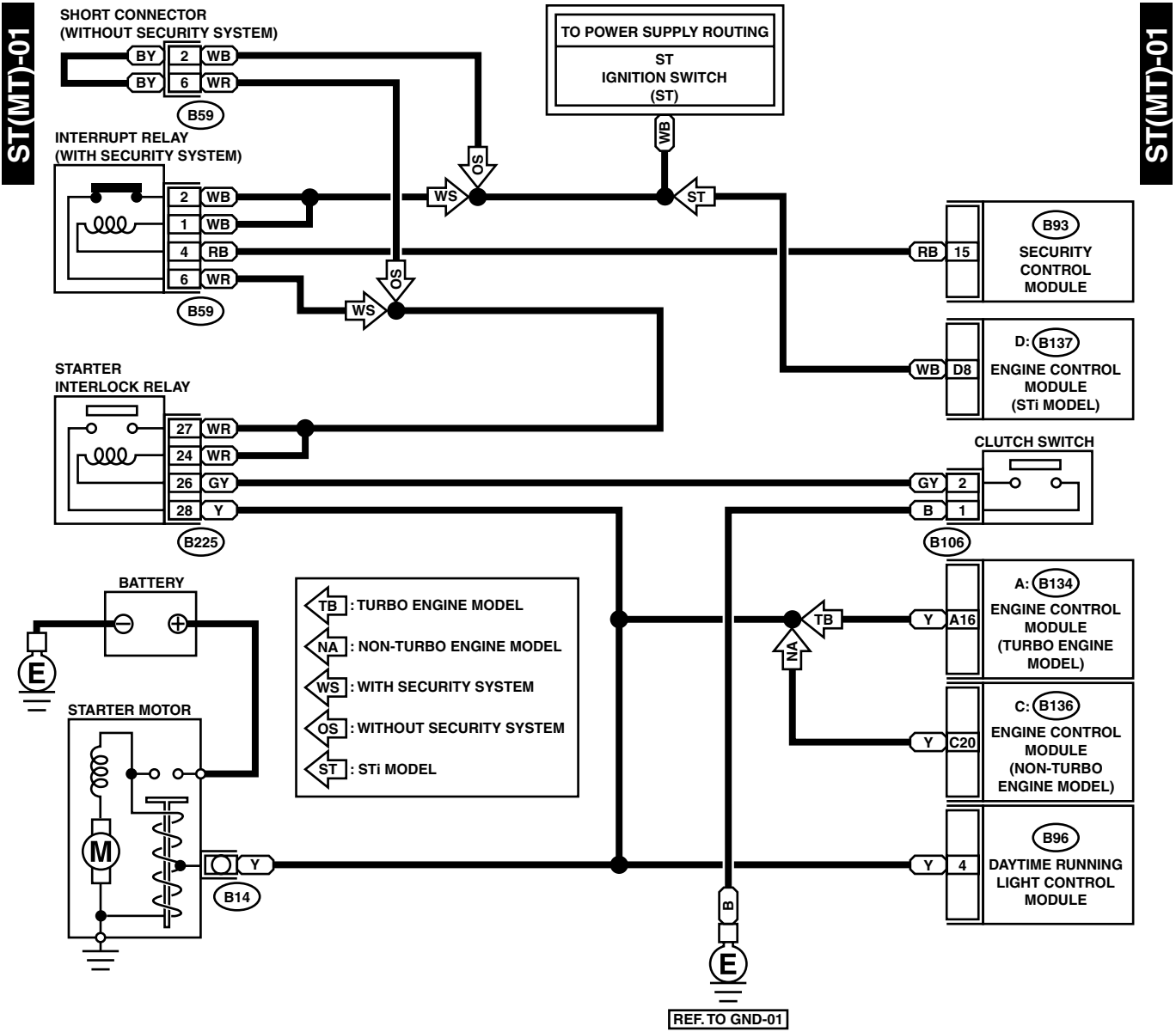
STARTER SYSTEM

WIRING SYSTEM

42. Starter System

A: SCHEMATIC

1. MT MODEL



(B106)

(B59)

(B96)

(B93)

A: (B134)

C: (B136)

1	2

1	2	3
4	5	6

1	2	3	4	5
6	7	8	9	10

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

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

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		

D: (B137)

(B225) (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			

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

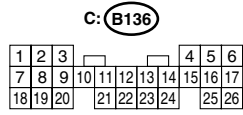
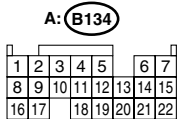
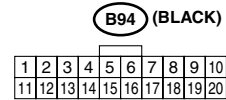
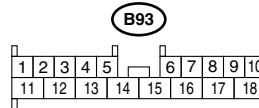
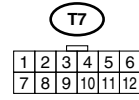
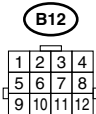
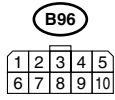
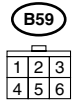
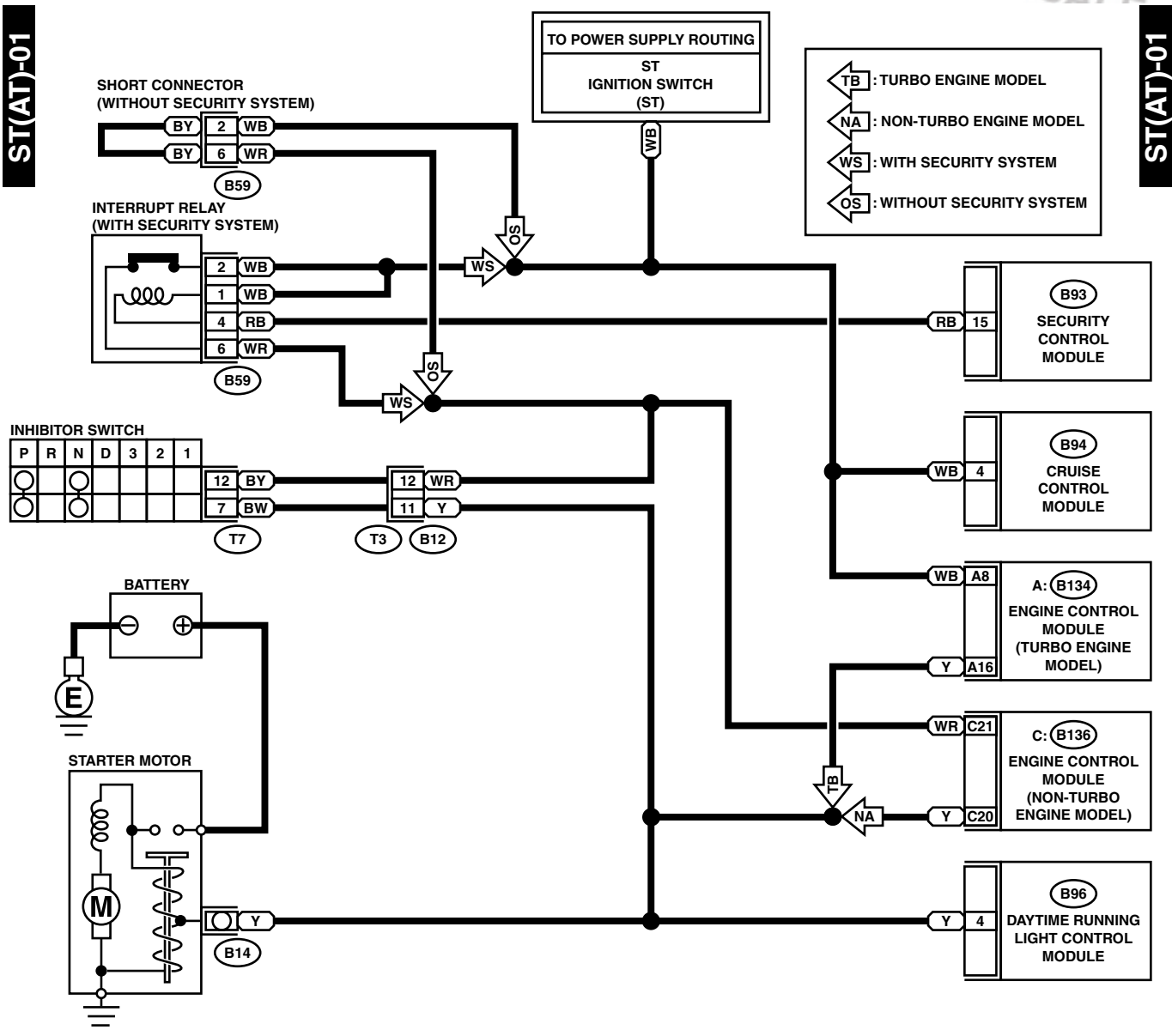
RELAY BLOCK

WI-02546

STARTER SYSTEM

WIRING SYSTEM

2. AT MODEL



WI-01172

SUNROOF SYSTEM

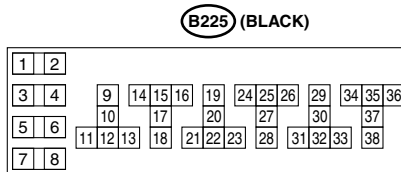
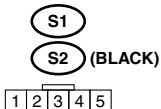
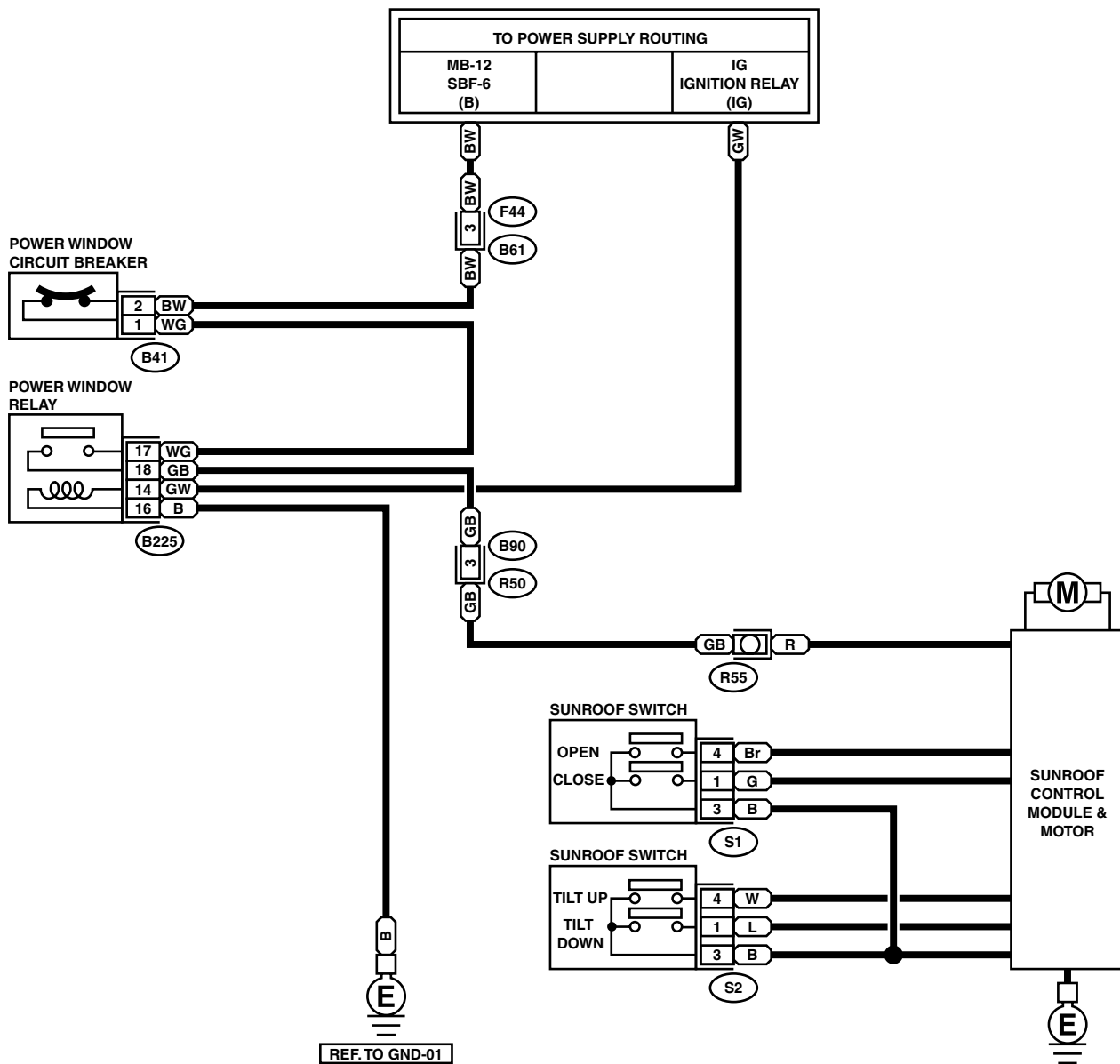
WIRING SYSTEM

43.Sunroof System

A: SCHEMATIC

S/R-01

S/R-01



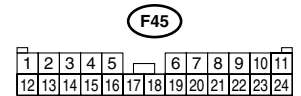
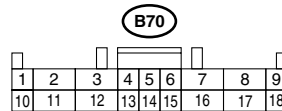
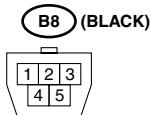
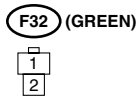
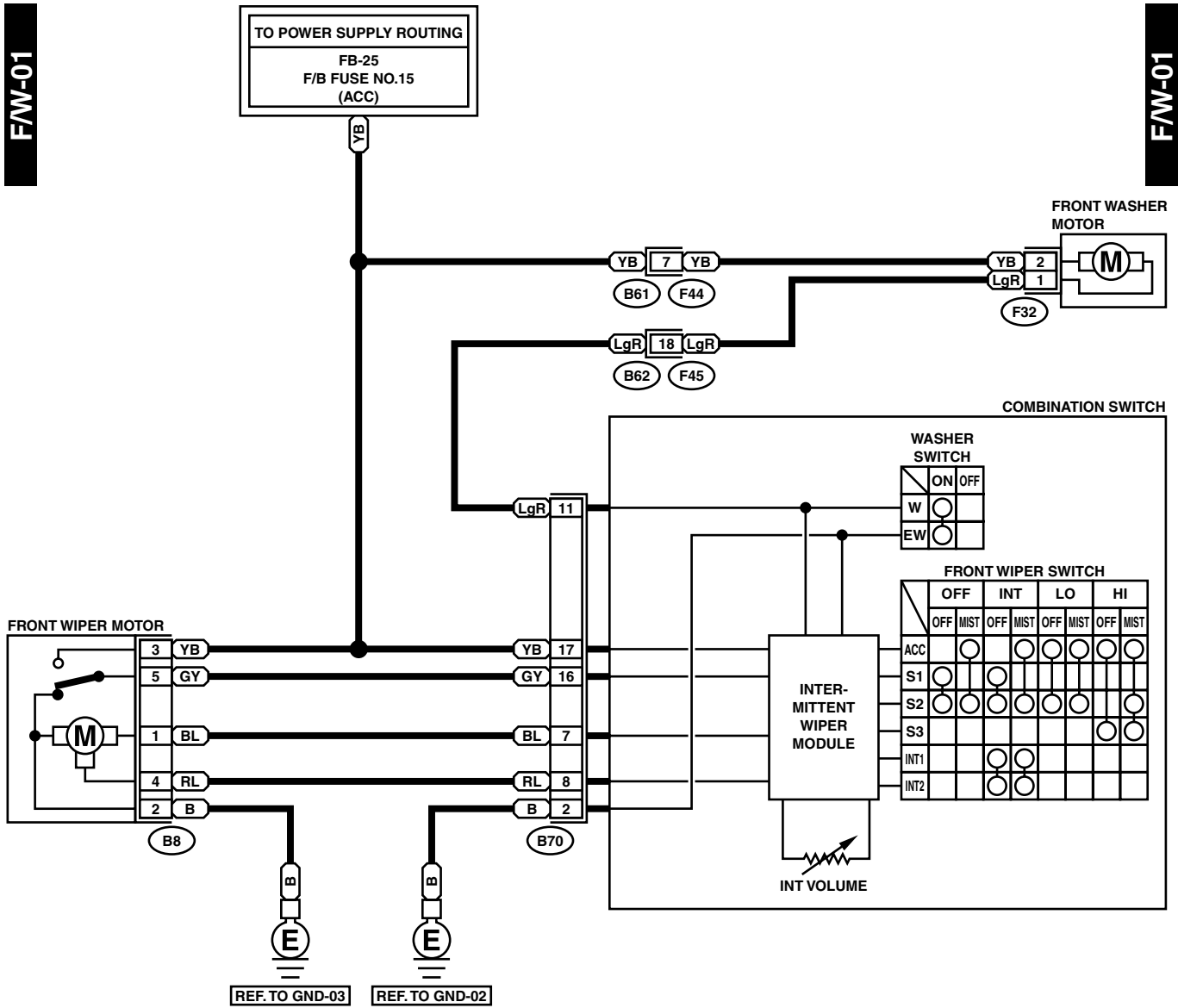
WI-02514

WIPER AND WASHER SYSTEM (FRONT)

WIRING SYSTEM

44. Wiper and Washer System (Front)

A: SCHEMATIC



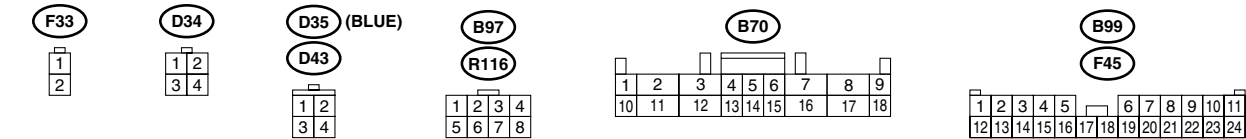
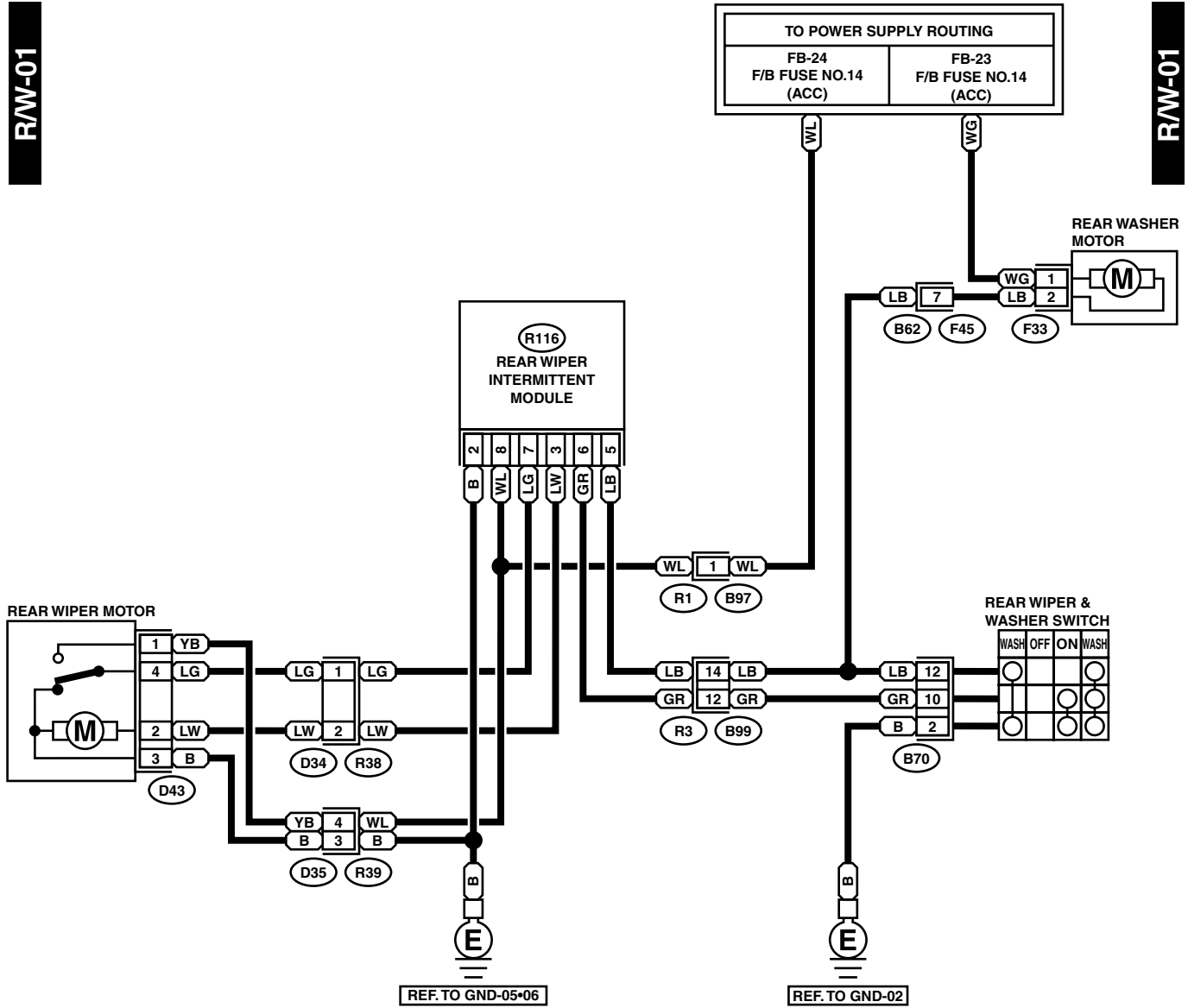
WI-02515

WIPER AND WASHER SYSTEM (REAR)

WIRING SYSTEM

45. Wiper and Washer System (Rear)

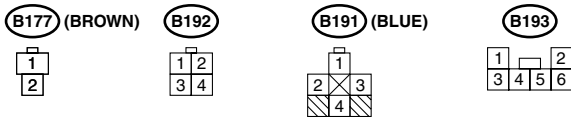
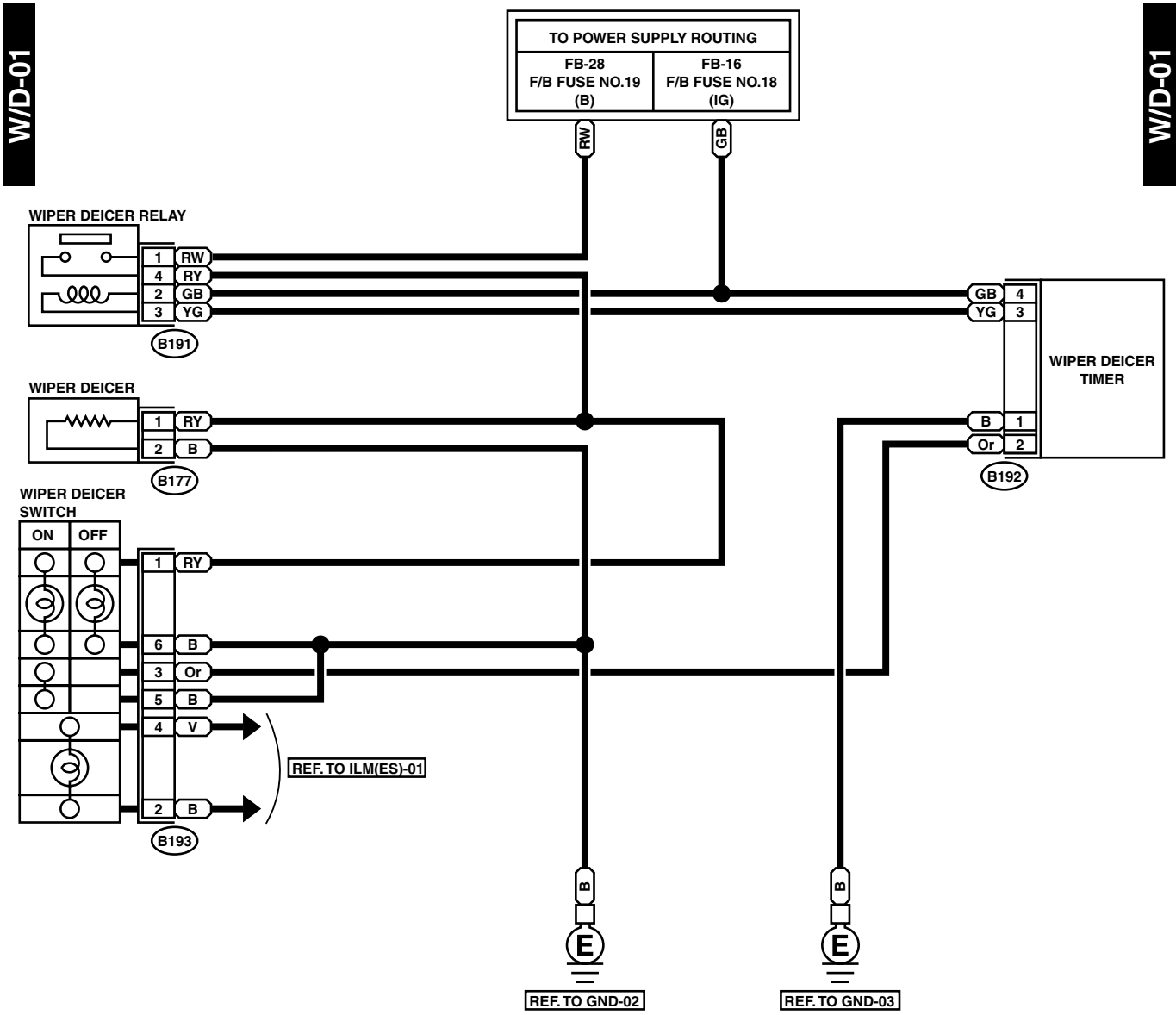
A: SCHEMATIC



WI-02827

46. Wiper Deicer System

A: SCHEMATIC

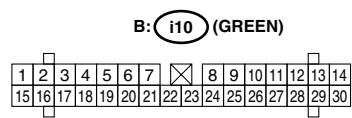
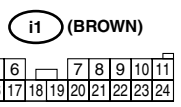
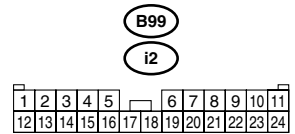
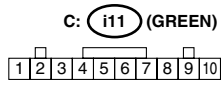
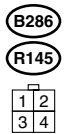
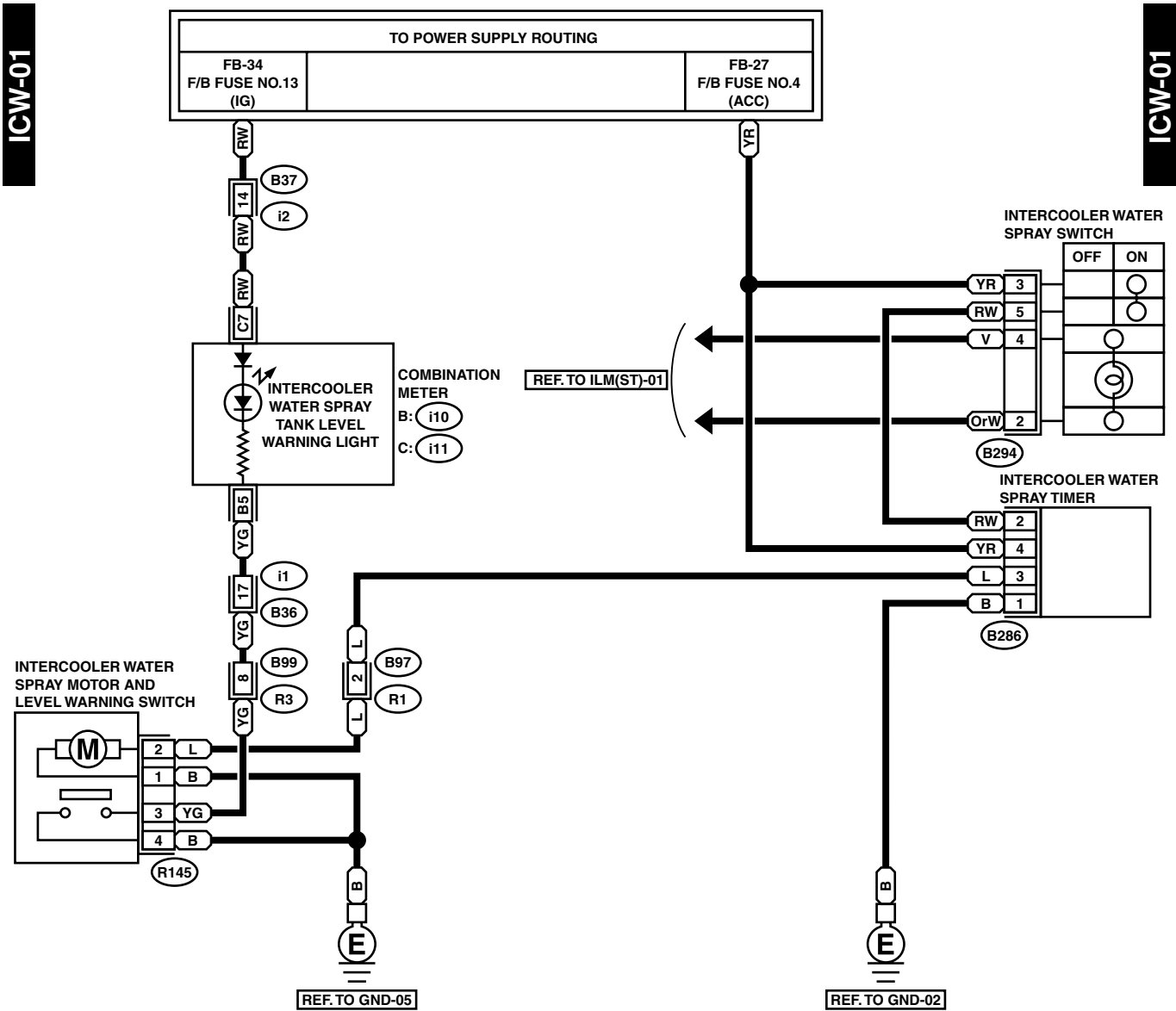


INTERCOOLER WATER SPRAY SYSTEM

WIRING SYSTEM

47. Intercooler Water Spray System

A: SCHEMATIC



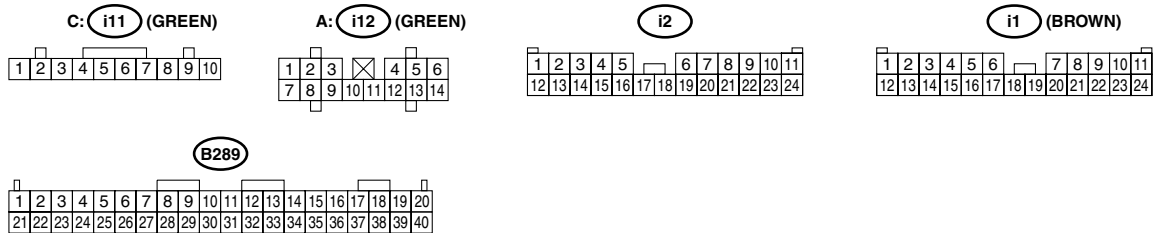
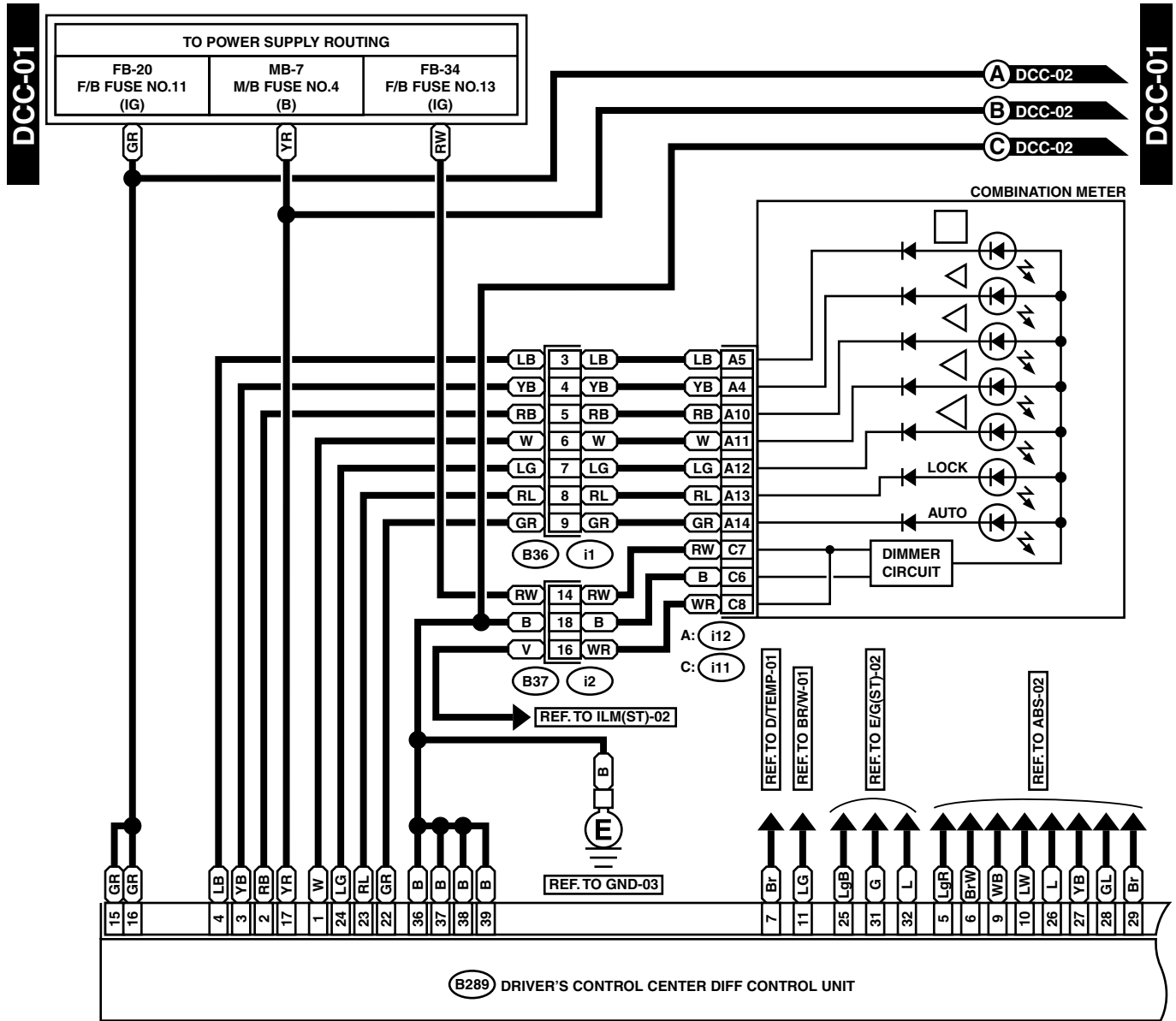
WI-02820

DRIVER'S CONTROL CENTER DIFFERENTIAL CONTROL SYSTEM

WIRING SYSTEM

48.Driver's Control Center Differential Control System

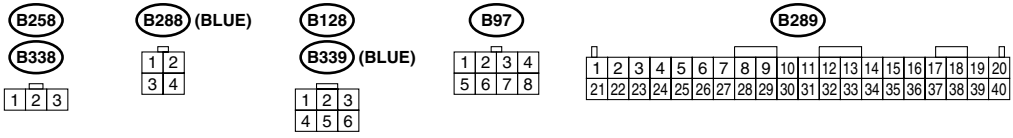
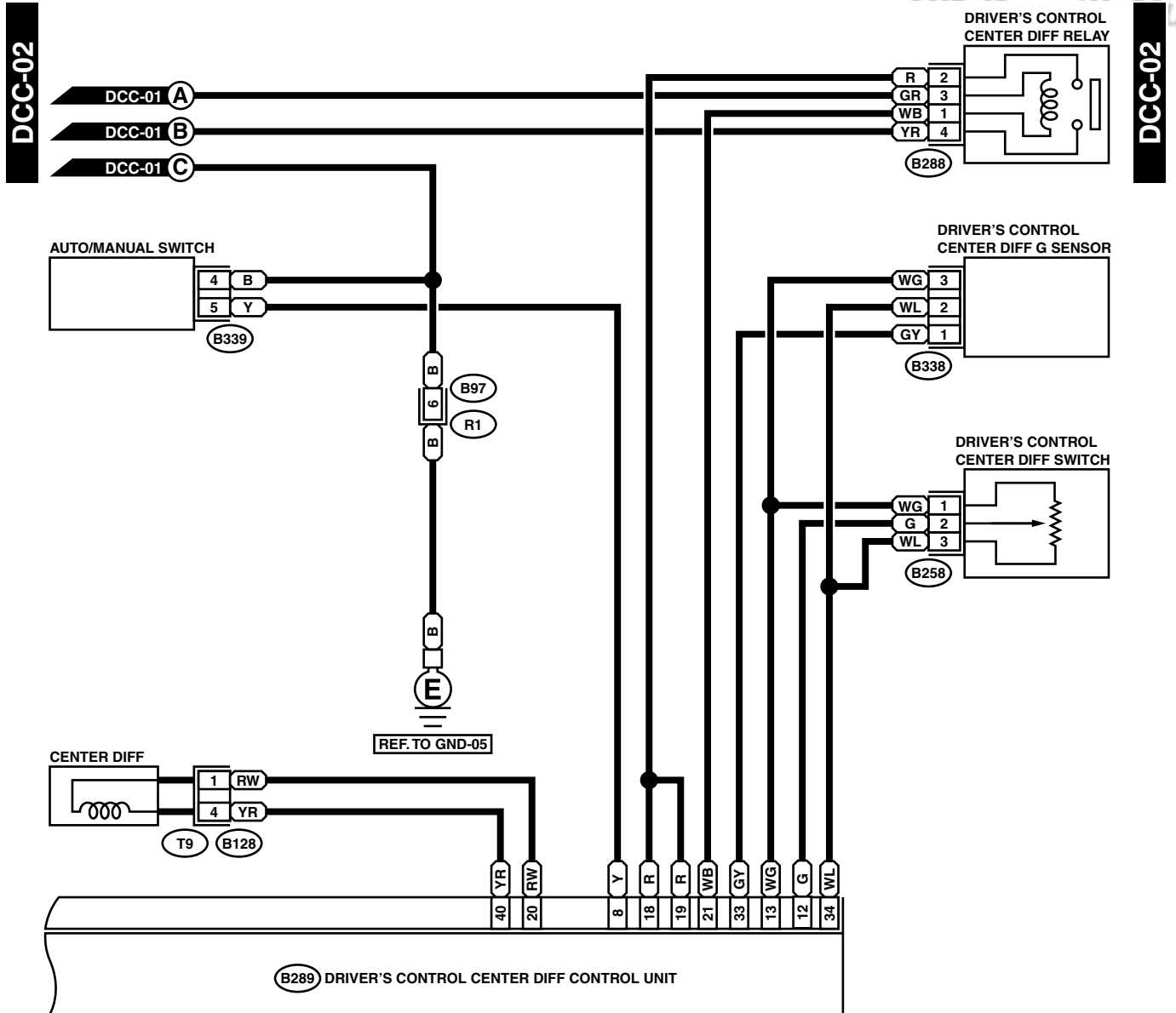
A: SCHEMATIC



WI-02821

DRIVER'S CONTROL CENTER DIFFERENTIAL CONTROL SYSTEM

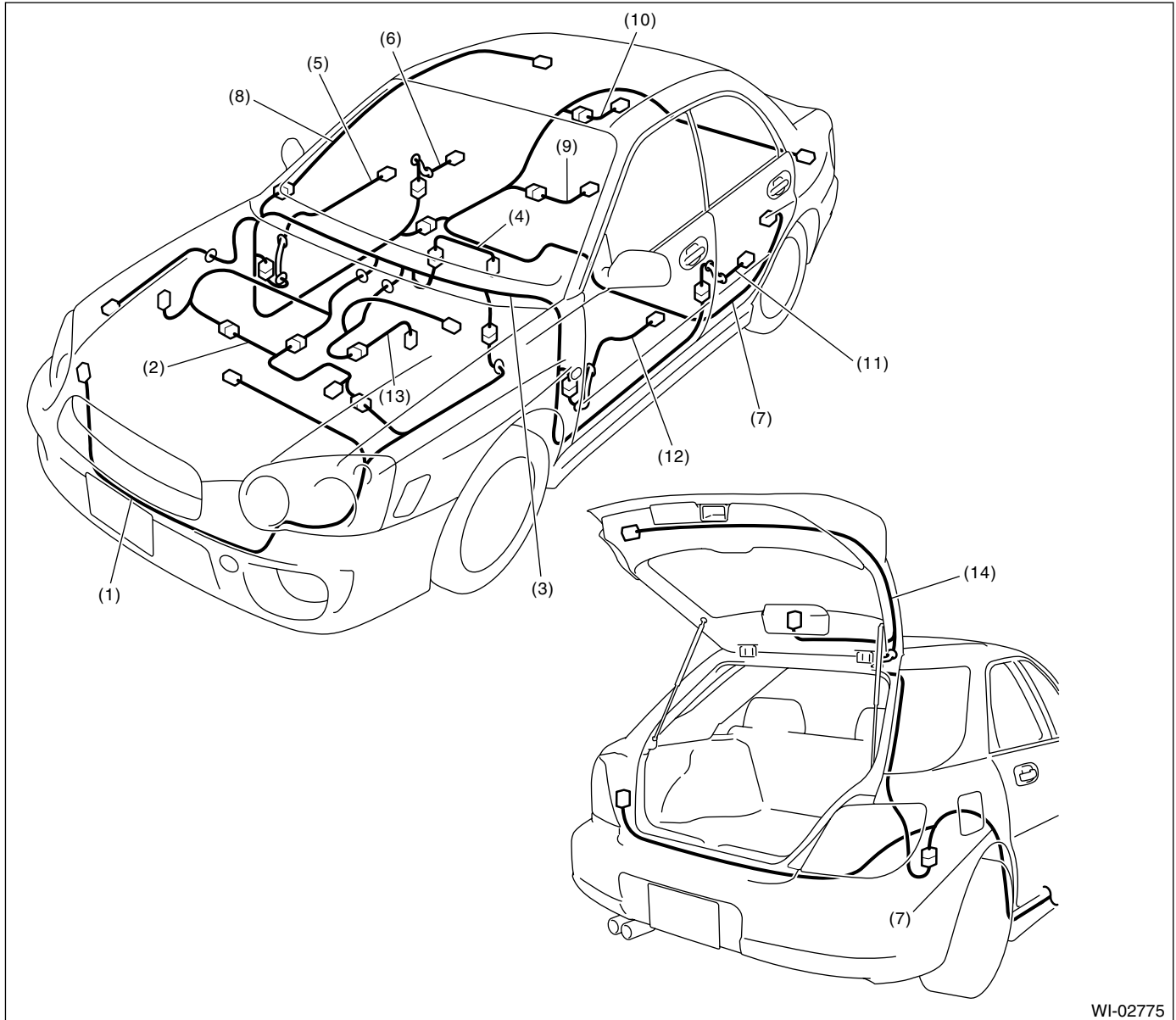
WIRING SYSTEM



WI-02822

49. Harness Components Location

A: LOCATION



WI-02775

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

FRONT WIRING HARNESS

WIRING SYSTEM

50. Front Wiring Harness

A: LOCATION

• Front Wiring Harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
F2	24	Black	B-5	B100	Bulkhead wiring harness
F4	3	Black	B-1		Front Clearance light RH and front turn signal light RH
F5	1	Black	C-2		Horn
F7	2	Gray	B-1		Headlight RH (Low beam)
F16	2	Black	C-1		Sub fan motor (Non-turbo model)
	4	Gray	C-1		Sub fan motor (Turbo model)
F17	2	Gray	D-3		Radiator main fan motor (Non-turbo model)
	4	Gray	D-3		Radiator main fan motor (Turbo model)
F21	2	Black	D-4		Front fog light LH
F22	3	Black	C-4		Front Clearance light LH and front turn signal light LH
F23	2	Gray	C-4		Headlight LH (Low beam)
F24	1	Gray	C-3		A/C compressor
F25	1	★	B-2		Generator
F26	3	Green	B-2		
F27	36	★	B-4		A/C relay holder
F32	2	Green	C-4		Front washer motor
F33	2	★	C-4		Rear washer motor
F34	4	Black	B-4		SBF holder
F35	2	Black	B-4		Main fuse box (M/B)
F36	3	★	B-5		
F37	6	★	B-5		
F38	1	★	B-5		
F39	8	★	B-5		
F40	9	Brown	B-5		Fuse and relay box (F/B)
F41	7	Gray	B-5		
F44	8	★	B-5	B61	Bulkhead wiring harness
F45	24	★	B-5	B62	Bulkhead wiring harness
F46	2	Black	B-5	B108	Bulkhead wiring harness
F47	1	★	C-3		Horn
F58	6	Gray	C-4		Headlight leveler LH
F59	6	Gray	B-1		Headlight leveler RH
F60	16	Brown	C-4	E3	Engine wiring harness (Turbo model)
F61	20	Black	C-4	E2	Engine wiring harness (Turbo model)
F68	4	Black	B-5		Main fuse box (M/B)
F74	16	★	B-5	B200	Bulkhead wiring harness (Except for STi model)
	20	★	B-5	B200	Bulkhead wiring harness (For STi model)
F78	2	Black	C-2		Ambient sensor
F79	2	Gray	B-4		A/C pressure switch
F94	2	Gray	B-4		ABS front sensor
F98	2	Black	C-4		Headlight LH (High beam)
F99	2	Black	C-1		Headlight RH (High beam)
F100	2	Black	C-4		Headlight ballast LH (Model with HID)
F101	2	Black	B-1		Headlight ballast RH (Model with HID)
F102	2	Black	C-2		Keyless buzzer

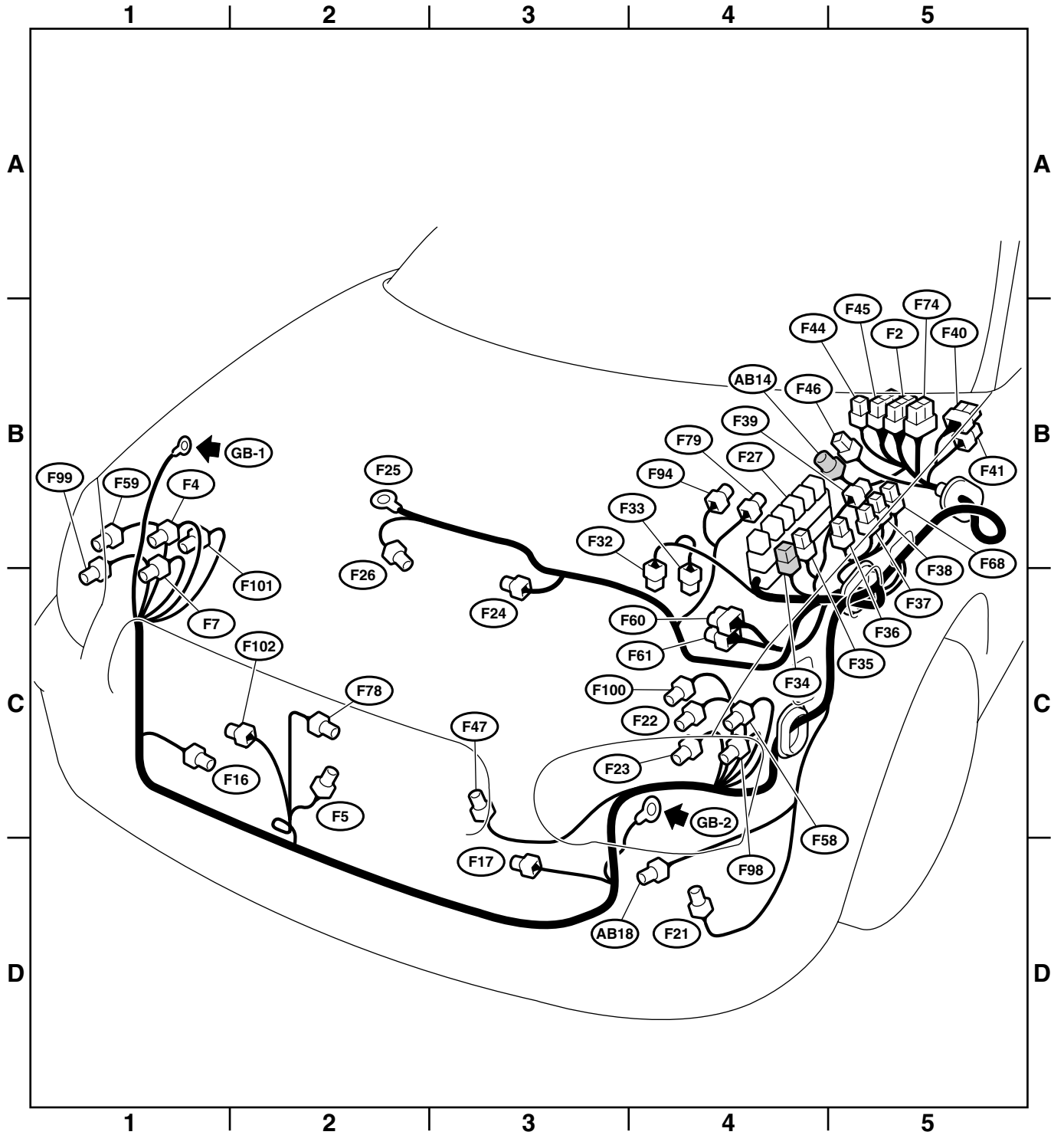
★: Non-colored

FRONT WIRING HARNESS

WIRING SYSTEM

• Front Sub Sensor Harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
AB14	2	Yellow	B-4	AB13	Airbag wiring harness
AB18	2	Yellow	D-4		Front sub sensor



WI-02516

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

WIRING SYSTEM

51. Bulkhead Wiring Harness (In Engine Room)

A: LOCATION

1. TURBO ENGINE MODEL

• Bulkhead Wiring Harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B3	5	★	B-2		Mass air flow meter
B5	2	Gray	B-2		Resistor (Daytime running light)
B7	6	Black	B-2		Cruise control actuator (Except for STi model)
B8	5	★	B-4		Front wiper motor
B11	20	Black	B-3	T4	Transmission code (AT model)
B12	12	★	B-3	T3	
B14	1	Black	B-4		Starter (Magnet)
B15	2	Gray	B-2		ABS front sensor RH
B16	2	Gray	B-4		Brake fluid level switch
B17	4	Black	B-3		Vehicle speed sensor (MT) (Except for STi model)
	3	★	B-3		Vehicle speed sensor (MT) (STi model)
B18	4	★	B-2		Front oxygen (A/F) sensor
B19	4	★	B-3	T5	Rear oxygen sensor cord
B20	10	Brown	B-2	E1	Engine wiring harness
B127	2	Blue	B-2		Wastegate solenoid
B128	4	★	B-3	T9	Transmission code (MT) (Except for STi model)
	6	★	B-3	T9	Transmission code (MT) (STi model)
B204	1	★	B-2		Security horn
B279	2	Gray	B-2		Exhaust temperature sensor (Except for STi model)
B301	31	★	B-1		ABS control module
B302	1	★	B-1		ABS motor ground
B303	8	Gray	B-1		Shield joint connector (ABS)
B306	2	Black	C-1		Front fog light RH
B317	4	Gray	B-2	E56	Engine wiring harness
B346	2	★	B-2		Sensor solenoid

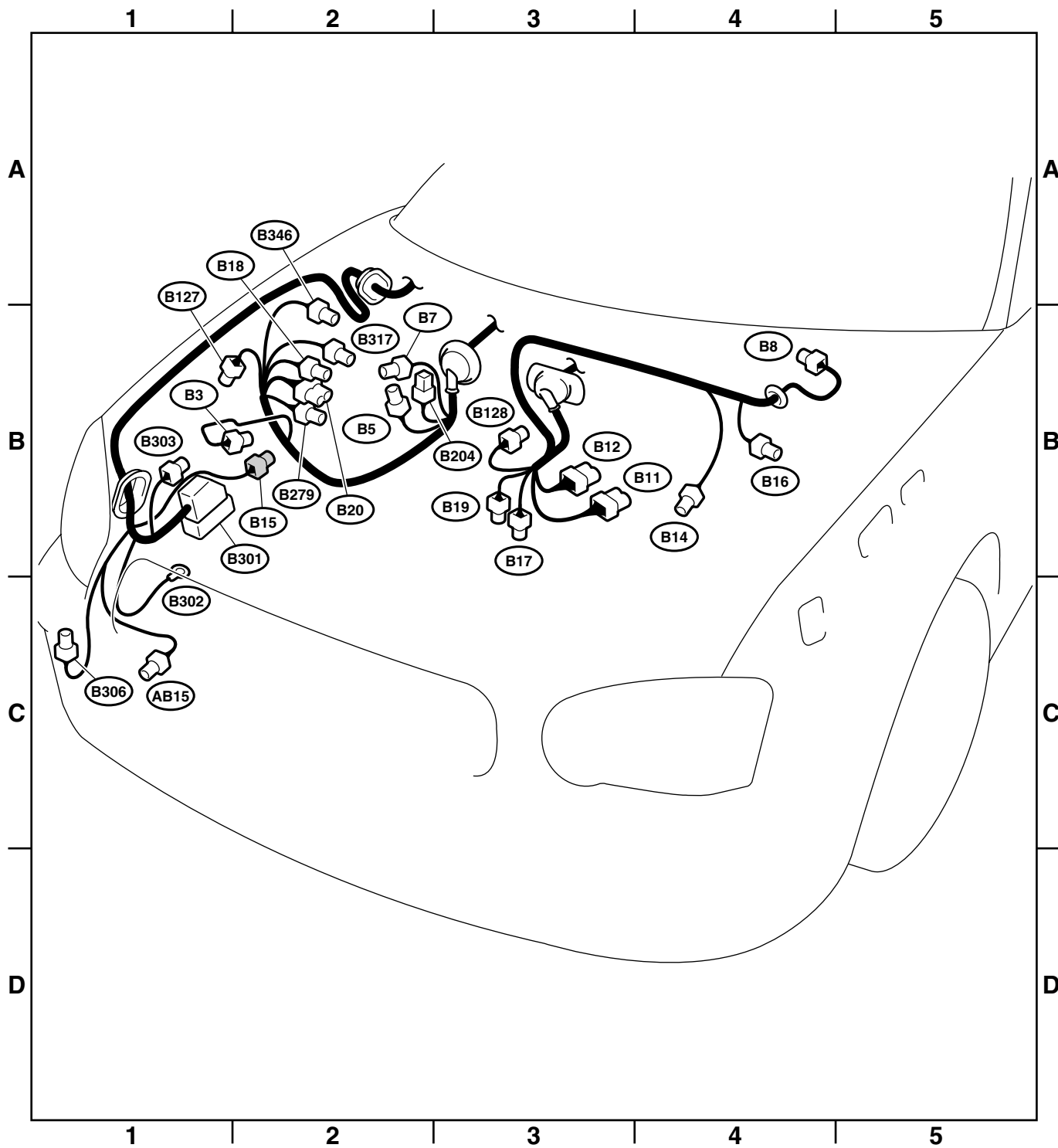
★: Non-colored

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

WIRING SYSTEM

• Airbag Wiring Harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
AB15	2	Yellow	C-1		Front sub sensor RH



WI-02517

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

WIRING SYSTEM

2. NON-TURBO ENGINE MODEL

• Bulkhead Wiring Harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B4	4	Gray	B-2		AT dropping resistor
B5	2	Gray	B-2		Resistor (Daytime running light)
B7	6	Black	B-2		Cruise control actuator
B8	5	★	B-4		Front wiper motor
B11	20	Black	B-3	T4	Transmission code (AT model)
B12	12	★	B-3	T3	
B14	1	Black	B-2		Starter (Magnet)
B15	2	Gray	B-2		ABS front sensor RH
B16	2	Gray	B-4		Brake fluid level switch
B17	3	★	B-3		Vehicle speed sensor (MT model)
B18	4	★	B-3		Front oxygen (A/F) sensor
B19	4	★	B-3	T5	Rear oxygen sensor cord
B21	20	Gray	B-3	E2	Engine wiring harness
B22	16	★	B-3	E3	
B24	2	Gray	B-3		Back-up light switch (MT model)
B25	2	Brown	B-3		Neutral switch (MT model)
B204	1	★	B-2		Security horn
B301	31	★	B-1		ABS control module
B302	1	★	B-1		ABS motor ground
B303	8	Gray	B-1		Shield joint connector (ABS)
B306	2	Black	C-1		Front fog light RH

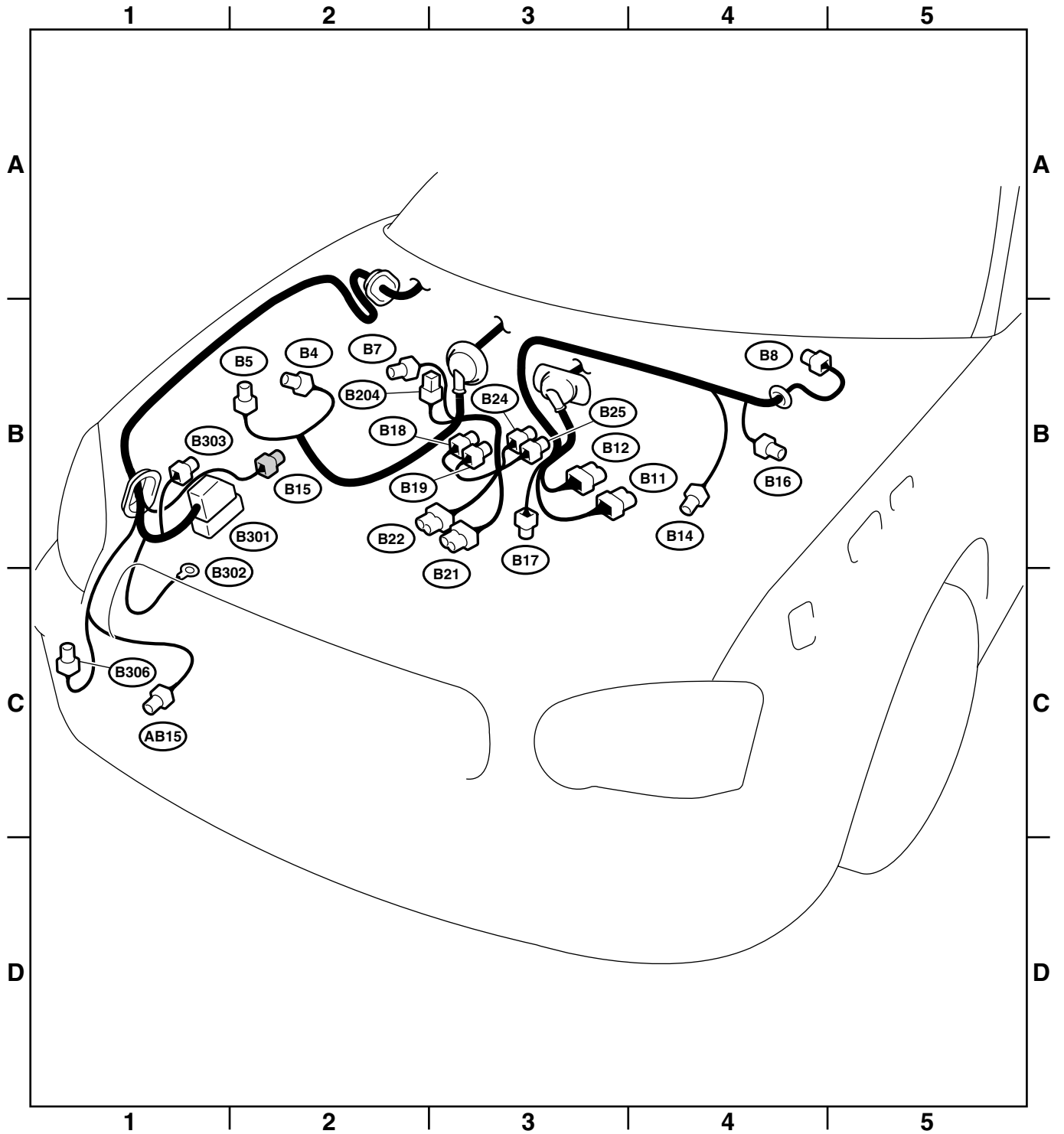
★: Non-colored

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

WIRING SYSTEM

• Airbag Wiring Harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
AB15	2	Yellow	C-1		Front sub sensor RH



WI-02518

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

WIRING SYSTEM

52. Bulkhead Wiring Harness (In Compartment)

A: LOCATION

• Bulkhead Wiring Harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B30	25	★	C-1	D1	Front door cord LH
B31	6	Yellow	D-1		SRS (Airbag) harness
B32	3	Black	B-1		Turn & hazard module
B36	24	Brown	B-3	i1	Instrument panel wiring harness
B37	24	★	B-3	i2	
B40	16	★	C-3		Data link connector
B41	2	★	C-1		Power window circuit breaker
B42	5	★	A-1		Power window relay (Relay block)
B46	4	Green	B-5		Fuel pump relay
B47	4	Brown	B-5		Main relay
B50	4	★	C-1		Blower fan relay
B51	8	Blue	C-1		Fuse & relay box (F/B)
B52	7	★	C-1		
B53	12	★	C-2		Shield joint connector (AT turbo model)
	8	★	C-2		Shield joint connector (AT non-turbo model)
B54	24	★	B-2		Transmission control module
B55	24	Gray	B-2		
B56	24	Green	B-2		Transmission control module (Turbo engine model)
B59	6	★	B-3		Interrupt relay (Security)
B61	8	★	B-2	F44	Front wiring harness
B62	24	★	B-2	F45	
B65	5	Black	B-2		Stop & brake switch
B68	5	Black	C-3		Cruise control sub switch & horn switch (Roll connector)
B69	4	★	C-3		Combination switch
B70	18	★	C-3		
B71	17	★	C-3		
B72	4	Blue	B-3		Ignition switch
B73	2	★	B-3		Key lock solenoid
B74	2	Black	C-3		Key warning switch
B75	2	Green	C-2	B76	Test mode connector
B76	2	Green	C-2	B75	
B77	3	★	B-4		Mode actuator
B79	14	Gray	C-3		Check connector
B81	1×2	★	C-2		Diagnosis terminal (Ground)
B82	6	Black	C-2		Diagnosis connector

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B83	8	★	C-5		Shield & sensor ground joint connector (Turbo engine model)
	6	★	C-5		Shield & sensor ground joint connector (Non-turbo engine model)
B84	31	★	B-4		Engine control module (Turbo engine model)
B86	4	Brown	B-4		Blower motor resistor
B87	2	★	B-4		Blower motor
B88	4	Brown	B-4		Evaporation thermostat
B90	6	★	B-5	R50	Roof cord
B93	18	★	B-4		Security control module
B94	20	Black	C-4		Cruise control module
B95	2	★	B-4		Diode (Daytime running light)
B96	10	★	B-5		Daytime running light control module
B100	24	Black	B-1	F2	Front wiring harness
B101	25	★	B-5	D11	Front door cord RH
B102	5	★	B-5		Daytime running light relay
B103	5	★	B-5		High-beam relay (Daytime running light)
B106	2	★	B-2		Clutch switch (MT model)
B107	2	Blue	B-2		Clutch switch (Cruise control)
B108	2	Black	B-1	F96	Front wiring harness
B112	2	★	B-3		Diode (Front fog light)
B117	6	★	C-4		AT select lever
B118	2	★	B-4		CD player illumination light
B119	4	★	C-4		Front accessory power supply socket
B120	14	★	B-4		Radio
B121	1	Black	B-4		Audio bracket ground
B122	6	★	C-5		Joint connector (STi model)
B125	1	Green	B-5	B126	Line end connector
B126	1	Green	B-5	B125	
B132	8	★	C-1		Headlight leveler switch

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B134	22	★	B-4		Engine control module (Turbo engine model)
	28	★	C-4		Engine control module (Non-turbo engine model)
	34	★	C-4		Engine control module (STi model)
B135	28	★	B-4		Engine control module (Turbo engine model)
	20	★	B-4		Engine control module (Non-turbo engine model)
	35	★	B-4		Engine control module (STi model)
B136	17	★	B-4		Engine control module (Turbo engine model)
	26	★	B-4		Engine control module (Non-turbo engine model)
	35	★	B-4		Engine control module (STi model)
B137	24	★	C-4		Engine control module (Turbo engine model)
	35	★	B-4		Engine control module (Non-turbo engine model)
	31	★	B-4		Engine control module (STi model)
B152	12	★	C-1		Fuse & relay box (F/B)
B158	10	Gray	C-1		
B160	6	Gray	C-1		Front fog light switch
B161	6	Brown	C-1		Cruise control switch
B168	10	★	C-4		Mode control panel
B169	6	★	C-4		Blower fan switch
B176	18	★	C-1		Keyless entry control module
B177	2	Brown	B-1		Wiper deicer
B183	1	★	D-1		Joint connector (Keyless entry)
B184	1	★	D-1		
B191	4	Blue	B-5		Wiper deicer relay
B192	4	★	B-5		Wiper deicer timer
B193	6	★	C-1		Wiper deicer switch
B198	5	★	C-5		Ground joint connector
B200	16	Blue	B-2	F74	Front wiring harness (Except for STi model)
	20	Blue	B-2	F74	Front wiring harness (STi model)
B208	2	Black	B-5		Glove box light
B224	2	★	B-3		Key illumination light (Turbo engine model)

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B225	8	Black	C-2		Fuse (Relay block)
	5	Black	C-2		Ignition relay (Relay block)
	5	Black	C-2		Power window relay (Relay block)
	5	Black	C-2		Front fog light relay (Relay block)
	5	Black	C-2		Starter interlock relay (Relay block)
	5	Black	C-2		Mirror heater relay (Relay block)
	5	Black	C-2		Rear 12 V accessory relay (Relay block)
	5	★	C-2		HID relay (Relay block)
B243	6	★	B-3		Security horn relay
B256	2	★	B-4		Evaporator sensor
B257	3	★	C-5		ABS lateral G sensor (STi model)
B258	3	★	D-4		Driver's control center differential switch
B261	6	★	C-5		Shield joint connector (STi model)
B264	4	Red	C-1		ABS relay
B271	12	Blue	C-1		F/B
B275	4	★	B-4		Fan control amplifier
B280	16	Blue	C-3		Integrated module
B281	20	Gray	C-3		
B282	16	Gray	C-4		Auto A/C control module
B283	20	Gray	C-4		
B284	10	★	D-5		Remote control rear view mirror switch
B286	4	★	B-5		Intercooler water spray timer
B288	4	Blue	C-1		Driver's control center differential relay
B289	40	★	B-3		Driver's control center differential control unit
B292	3	★	D-5		ABS G sensor
B293	3	Gray	B-4		Air mix actuator
B294	6	★	C-1		Intercooler water spray switch
B300	6	★	C-2		Line end check connector
B304	2	★	B-5		ABS condenser
B309	4	Black	B-5		Electric control throttle relay
B315	6	★	B-3		Accelerator position sensor
B338	3	★	C-5		Driver's control center differential G sensor
B339	6	Blue	C-4		Auto/manual switch

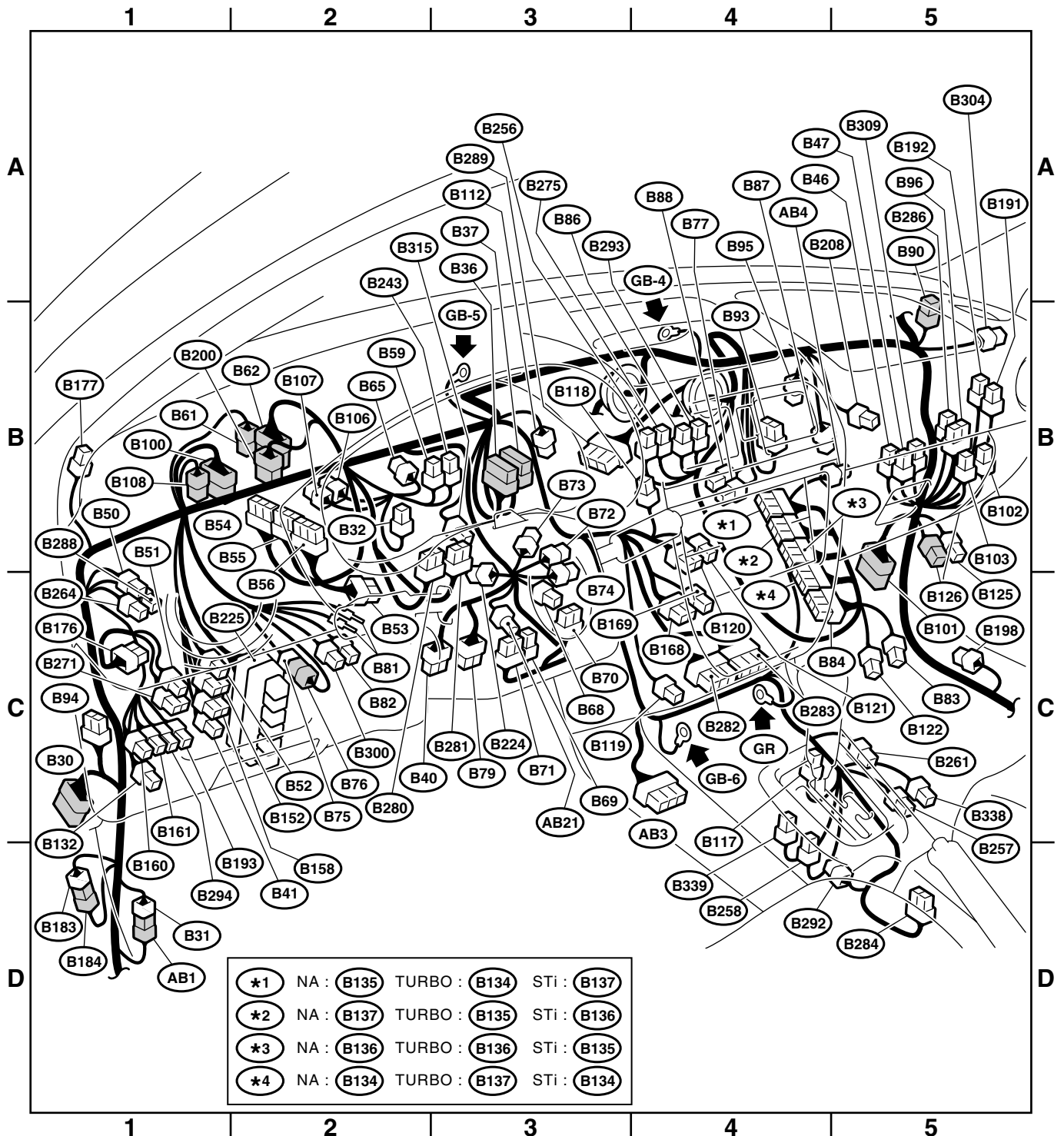
★: Non-colored

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

WIRING SYSTEM

• Airbag Wiring Harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
AB1	6	Yellow	D-1	B31	Bulkhead wiring harness
AB3	28	Yellow	C-4		Airbag control module
AB4	2	Yellow	B-5		Inflator (Passenger's seat)
AB21	2	Yellow	C-3	AB26	Inflator (Driver's seat)



WI-02519

ENGINE WIRING HARNESS AND TRANSMISSION CORD

WIRING SYSTEM

53.Engine Wiring Harness and Transmission Cord

A: LOCATION

1. TURBO MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
E1	10	Light gray	A-2	B20	Bulkhead wiring harness
E2	20	Black	B-4	F61	Front wiring harness
E3	16	Brown	B-4	F60	
E4	2	Black	B-3		Purge control solenoid
E5	2	Dark gray	A-2		Fuel injector No. 1
E6	2	Dark gray	A-2		Fuel injector No. 3
E7	3	Black	A-3		Idle speed control solenoid valve
E8	3	Light gray	B-3		Engine coolant temperature sensor and thermometer
E10	2	Light gray	B-2		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E13	3	Black	A-3		Throttle position sensor
E14	2	Light gray	A-4		Knock sensor
E15	2	Light gray	B-4		Camshaft position sensor
E16	2	Dark gray	B-4		Fuel injector No. 2
E17	2	Dark gray	B-4		Fuel injector No. 4
E19	1	Light gray	B-3		Power steering oil pressure switch
E21	3	Black	A-3		Absolute manifold pressure sensor
E31	3	★	B-2		Ignition coil No. 1
E32	3	★	B-4		Ignition coil No. 2
E33	3	Black	A-3		Ignition coil No. 3
E34	3	Black	B-4		Ignition coil No. 4
E50	3	Black	B-3		Tumble generator valve position sensor LH
E51	2	Black	A-4		Tumble generator valve LH
E54	3	Black	A-3		Tumble generator valve position sensor RH
E55	2	Black	A-2		Tumble generator valve RH
E61	2	Dark gray	A-3		PCV diagnosis connector

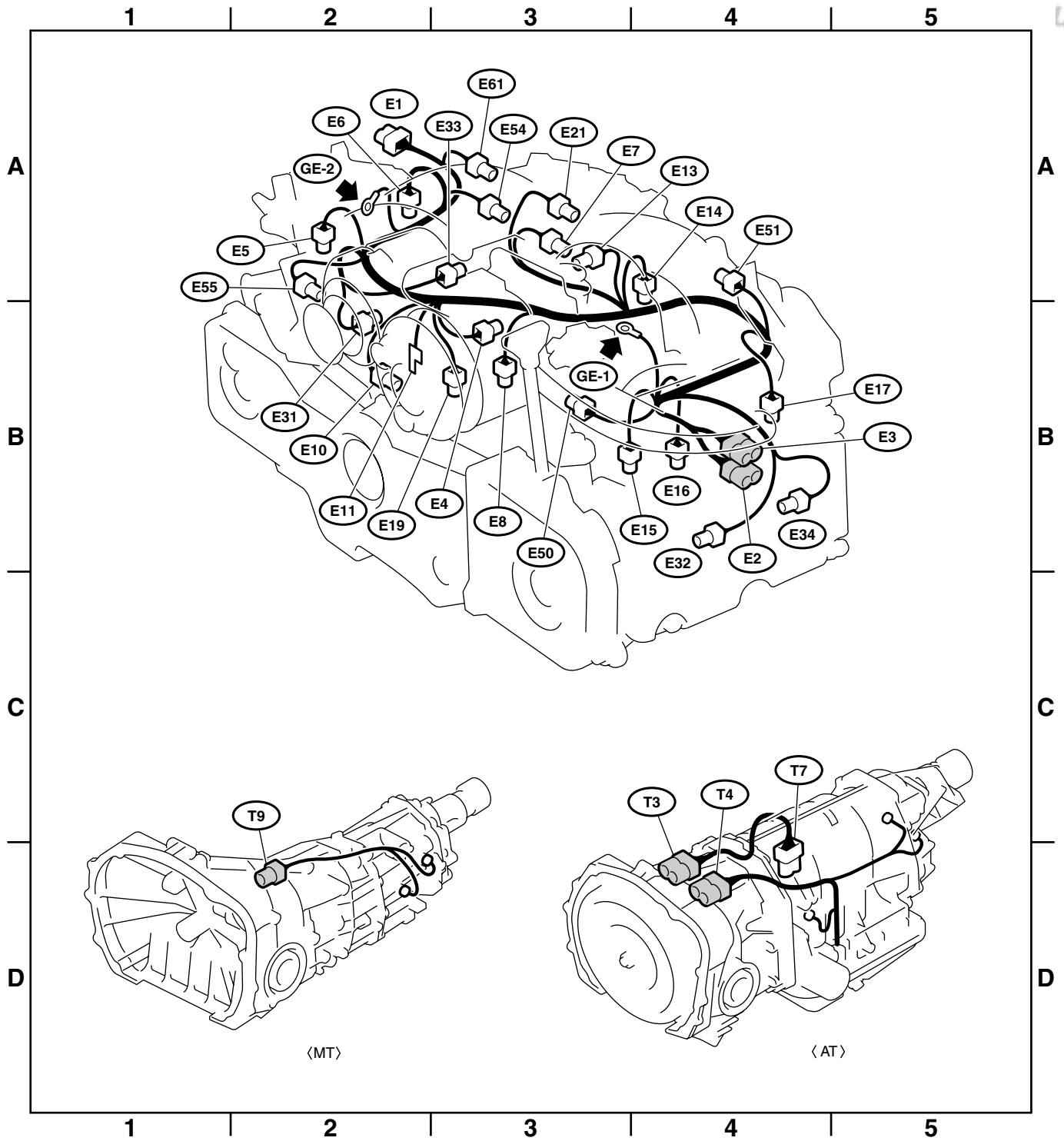
★: Non-colored

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
T3	12	★	D-4	B12	Bulkhead wiring harness (AT model)
T4	20	Black	D-4	B11	
T7	12	★	D-4		Inhibitor switch (AT model)
T9	4	★	D-2	B128	Bulkhead wiring harness (MT model)

★: Non-colored

ENGINE WIRING HARNESS AND TRANSMISSION CORD

WIRING SYSTEM



WI-02520

ENGINE WIRING HARNESS AND TRANSMISSION CORD

WIRING SYSTEM

2. NON-TURBO MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
E2	20	Light gray	A-4	B21	Front wiring harness
E3	16	Brown	A-4	B22	
E4	2	Black	A-3		Purge control solenoid valve
E5	2	Dark gray	A-2		Fuel injector No. 1
E6	2	Dark gray	A-2		Fuel injector No. 3
E7	3	Black	A-2		Idle speed control solenoid valve
E8	3	Light gray	A-3		Engine coolant temperature sensor and thermometer
E10	2	Light gray	B-3		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E12	4	Dark gray	A-2		Ignition coil and ignitor
E13	3	Dark brown	A-3		Throttle position sensor
E14	2	Light gray	A-3		Knock sensor
E15	2	Light gray	B-4		Camshaft position sensor
E16	2	Dark gray	B-4		Fuel injector No. 2
E17	2	Dark gray	B-4		Fuel injector No. 4
E19	1	Light gray	B-2		Power steering oil pressure switch
E20	2	Black	A-3		Intake air temperature sensor
E21	3	Black	A-3		Pressure sensor
E42	2	Purple	A-3		Air assist injector solenoid valve

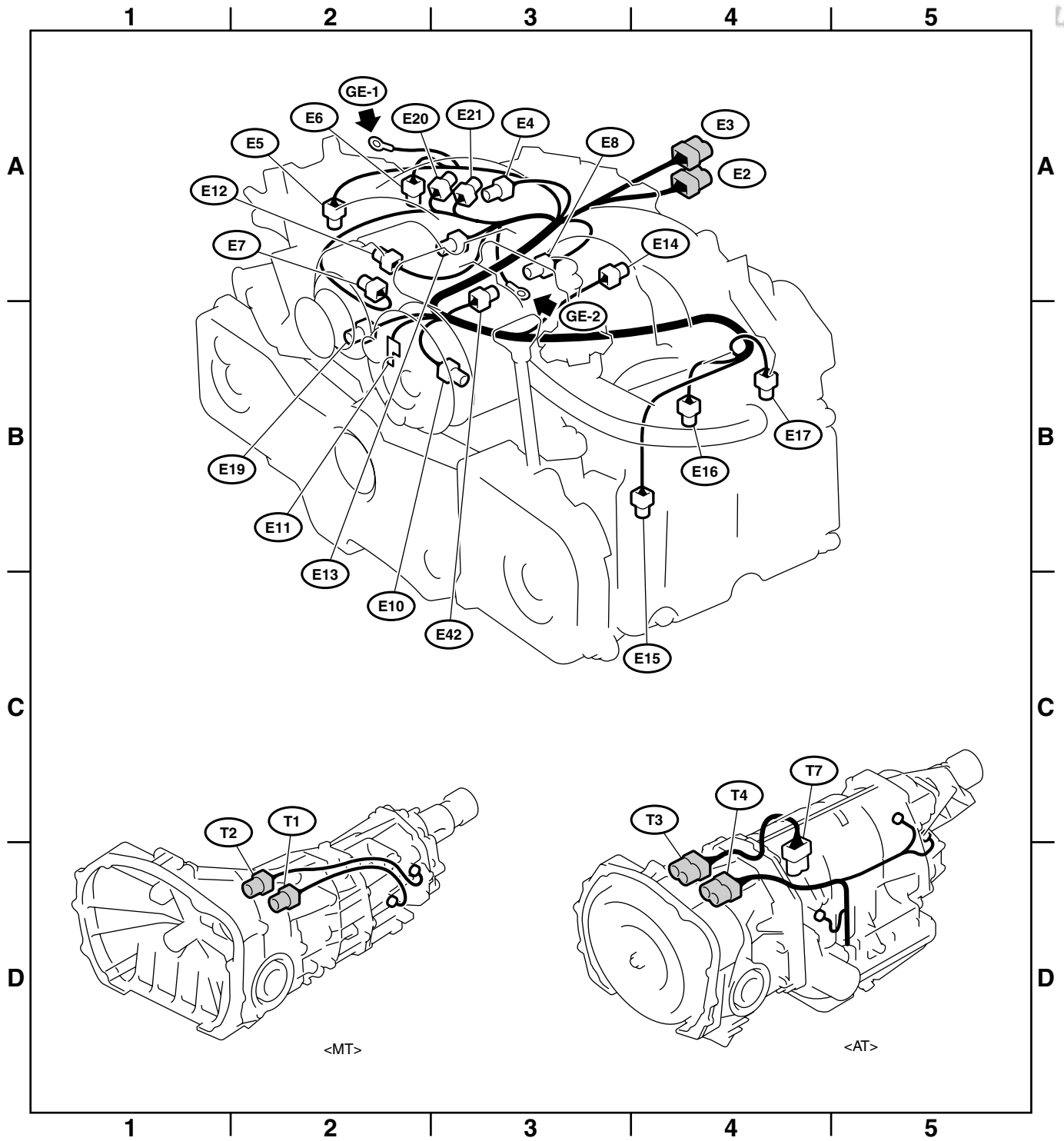
★: Non-colored

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
T1	2	Gray	D-2	B24	Bulkhead wiring harness (MT model)
T2	2	Brown	D-2	B25	
T3	12	★	D-4	B12	Bulkhead wiring harness (AT model)
T4	20	Black	D-4	B11	
T7	12	★	D-4		Inhibitor switch (AT model)

★: Non-colored

ENGINE WIRING HARNESS AND TRANSMISSION CORD

WIRING SYSTEM



WI-02521

ENGINE WIRING HARNESS AND TRANSMISSION CORD

WIRING SYSTEM

3. STi MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
E1	10	Light gray	A-2	B20	Bulkhead wiring harness
E2	20	Black	B-4	F61	Front wiring harness
E3	16	Brown	B-4	F60	
E4	2	Black	B-3		Purge control solenoid valve
E5	2	Light gray	A-2		Fuel injector No. 1
E6	2	Light gray	A-2		Fuel injector No. 3
E8	3	Light gray	B-3		Engine coolant temperature sensor and thermometer
E10	2	Light gray	B-2		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E14	2	Brown	A-4		Knock sensor
E16	2	Light gray	B-4		Fuel injector No. 2
E17	2	Light gray	B-4		Fuel injector No. 4
E19	1	Light gray	B-3		Power steering oil pressure switch
E21	3	Black	A-3		Pressure sensor
E31	3	★	B-2		Ignition coil No. 1
E32	3	★	B-4		Ignition coil No. 2
E33	3	Black	A-3		Ignition coil No. 3
E34	3	Black	B-4		Ignition coil No. 4
E35	3	Light gray	A-4		Active valve control camshaft position sensor LH
E36	3	Light gray	A-3		Active valve control camshaft position sensor RH
E37	2	★	B-4		Active valve control solenoid valve LH
E38	2	★	A-2		Active valve control solenoid valve RH
E50	3	Black	B-3		Tumble generator valve angle sensor LH
E51	2	Black	A-4		Tumble generator valve LH
E54	3	Black	A-3		Tumble generator valve angle sensor RH
E55	2	Black	A-2		Tumble generator valve RH
E56	4	Dark gray	A-2	B317	Bulkhead wiring harness
E57	6	Black	A-3		Electric control throttle
E61	2	Dark gray	A-3		PCV diagnosis connector

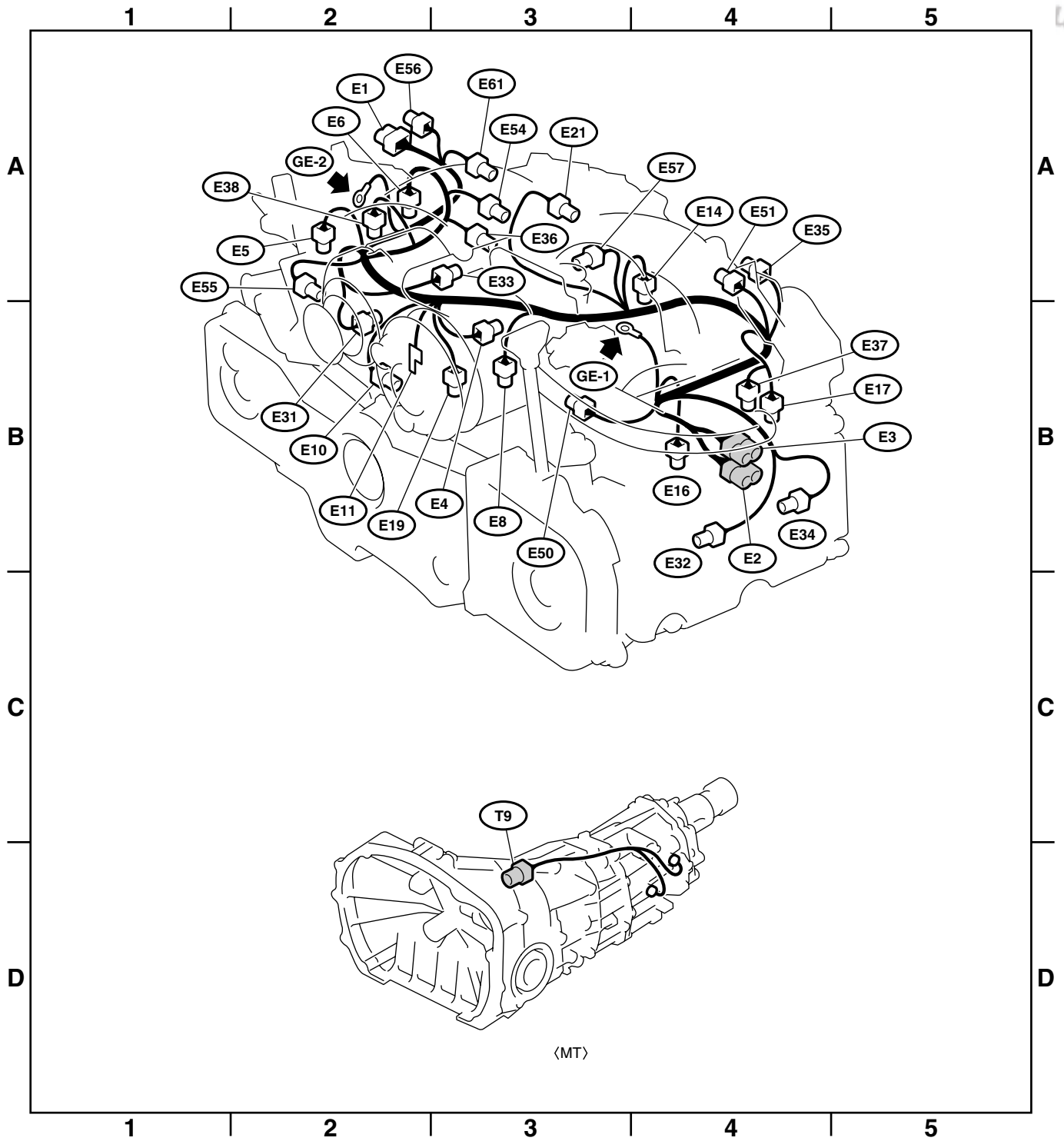
★: Non-colored

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
T9	6	★	D-2	B128	Bulkhead wiring harness

★: Non-colored

ENGINE WIRING HARNESS AND TRANSMISSION CORD

WIRING SYSTEM



INSTRUMENT PANEL WIRING HARNESS

WIRING SYSTEM

54. Instrument Panel Wiring Harness

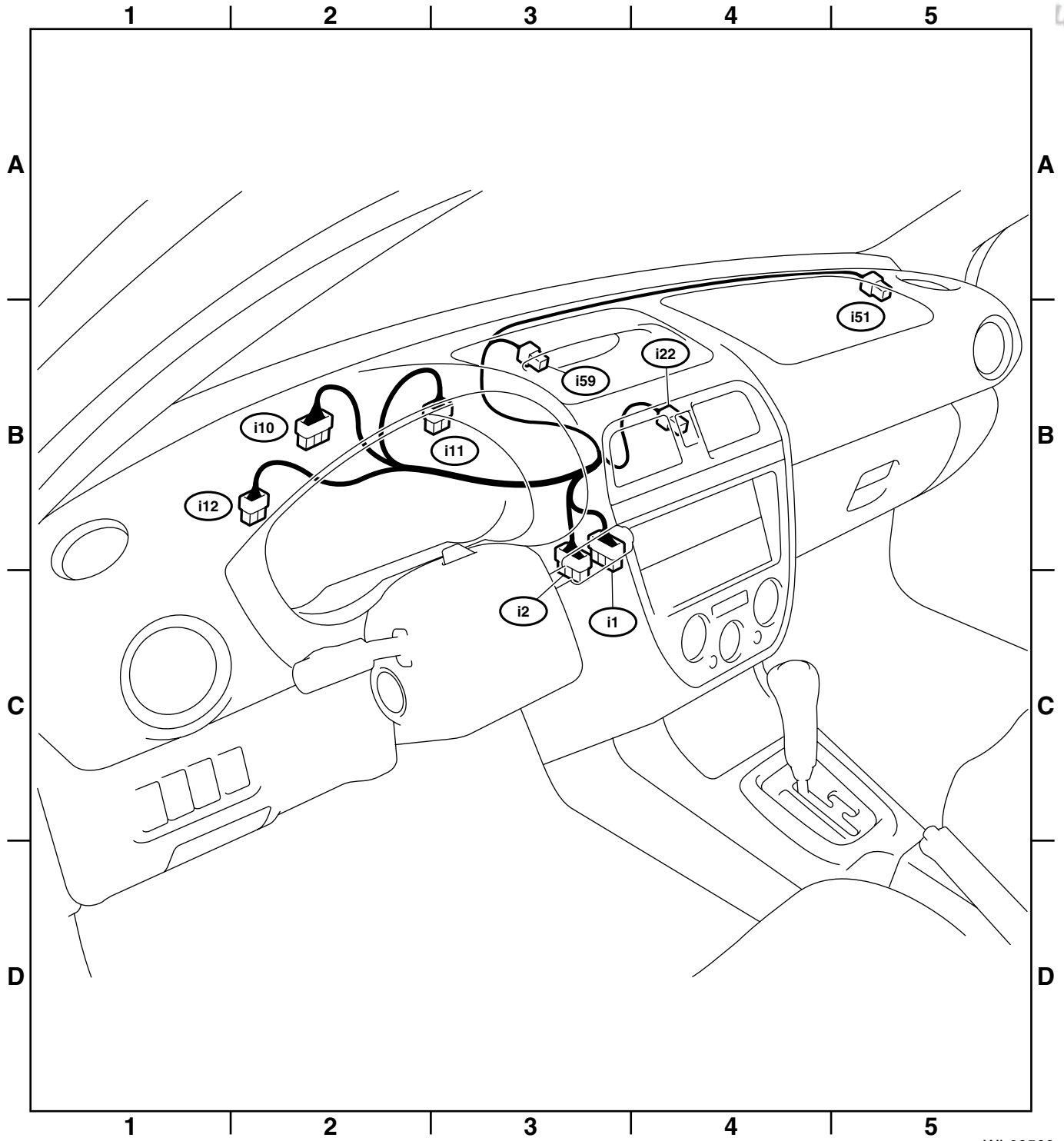
A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
i1	24	Brown	B-3	B36	Bulkhead wiring harness
i2	24	★	B-3	B37	
i10	30	Green	B-2		Combination meter
i11	10	Green	B-3		
i12	14	Green	B-2		
i22	8	★	B-4		Hazard switch
i51	2	★	B-3		Sunload sensor
i59	4	★	B-3		Clock

★: Non-colored

INSTRUMENT PANEL WIRING HARNESS

WIRING SYSTEM



WI-02522

REAR WIRING HARNESS, BULKHEAD WIRING HARNESS, ROOF CORD AND FUEL TANK CORD

WIRING SYSTEM

55. Rear Wiring Harness, Bulkhead Wiring Harness, Roof Cord and Fuel Tank Cord

A: LOCATION

• Rear Wiring Harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R1	8	★	B-2	B97	Bulkhead wiring harness
R2	12	★	B-1	B98	
R3	24	★	B-2	B99	
R4	1	★	B-3		Parking brake switch
R8	2	★	C-4		Seat belt switch
R15	16	★	B-3	R57	Fuel tank cord
R22	3	★	B-5		Rear door switch LH
R41	4	Blue	B-2		Seat heater RH
R42	4	★	B-3		Seat heater switch RH
R43	4	Blue	B-3		Seat heater switch LH
R44	4	Blue	C-4		Seat heater LH
R72	2	★	B-3		Rear ABS sensor RH
R73	2	★	B-5		Rear ABS sensor LH
R97	2	★	B-5		Antenna amp. (Sedan model)

★: Non-colored

• Bulkhead Wiring Harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B97	8	★	B-2	R1	Rear wiring harness
B98	12	★	B-1	R2	
B99	24	★	B-2	R3	
B265	8	★	A-2	D27	Rear door cord RH
B267	3	★	C-4		Front door switch LH
B268	3	★	B-2		Front door switch RH
B269	4	★	B-5	D21	Rear door cord LH

★: Non-colored

• Roof Cord

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R50	6	★	B-1	B90	Bulkhead wiring harness
R52	3	★	A-3		Room light
R55	1	Gray	A-2		Sunroof
R56	2	★	A-3		Spot light
R139	3	★	A-2		Compass mirror

★: Non-colored

REAR WIRING HARNESS, BULKHEAD WIRING HARNESS, ROOF CORD AND FUEL TANK CORD

WIRING SYSTEM

• Fuel Tank Cord

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R47	3	★	B-4		Fuel tank pressure sensor
R57	16	★	B-3	R15	Rear wiring harness
R58	6	★	B-4		Fuel pump
R59	2	★	B-4		Fuel sub level sensor (Turbo model)
R68	2	★	B-4		Pressure control solenoid valve
R69	2	★	B-4		Drain valve
R144	2	★	B-4		Fuel tank pressure solenoid

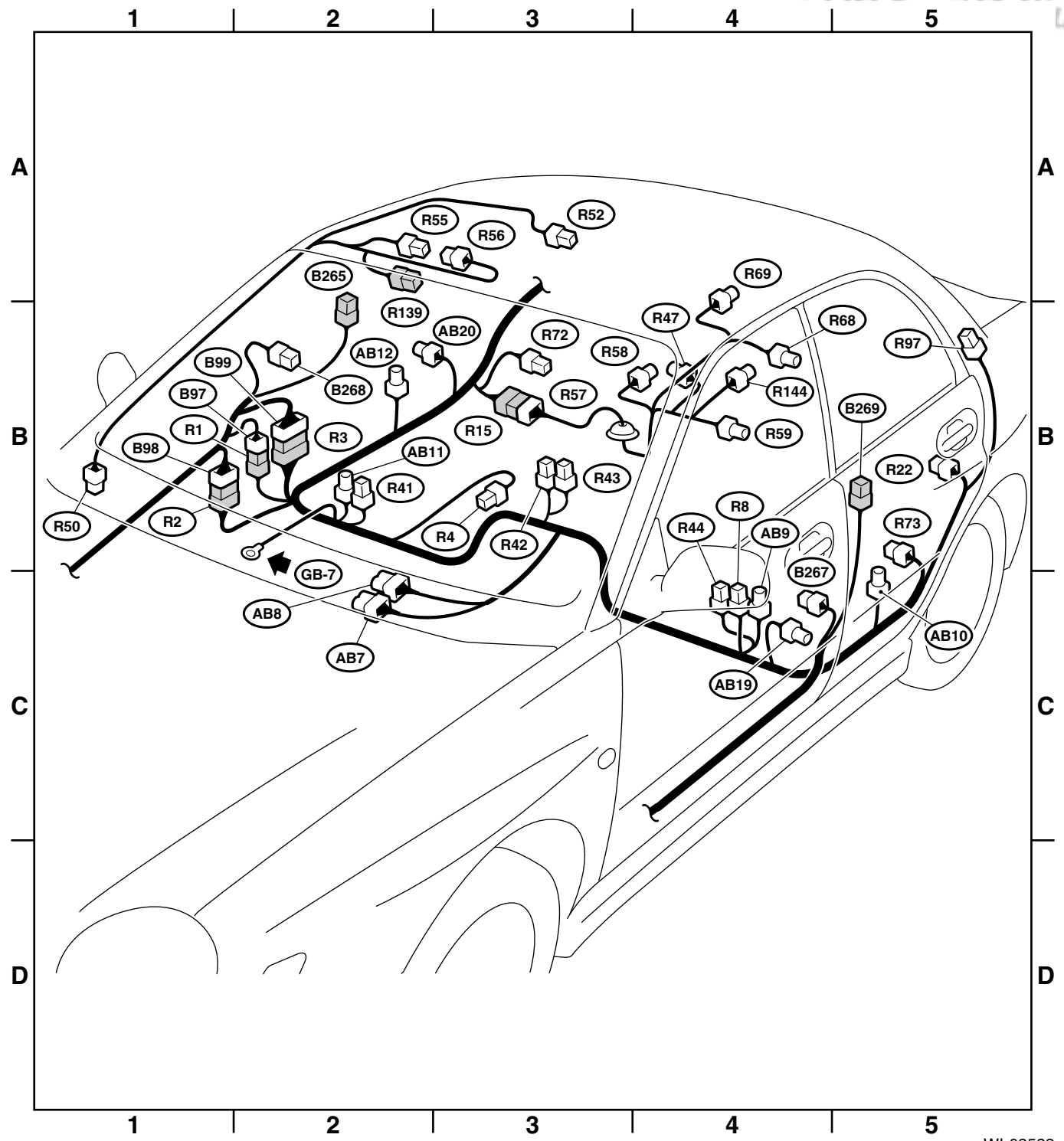
★: Non-colored

• Airbag Wiring Harness

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
AB7	12	Yellow	C-2		Airbag control module
AB8	12	Yellow	C-2		Airbag control module
AB9	2	Yellow	C-4		Seat airbag module LH
AB10	4	Yellow	C-5		Side sensor LH
AB11	2	Yellow	B-2		Seat airbag module RH
AB12	4	Yellow	B-2		Side sensor RH
AB19	2	Black	C-4		Pretensioner LH
AB20	2	Black	B-3		Pretensioner RH

REAR WIRING HARNESS, BULKHEAD WIRING HARNESS, ROOF CORD AND FUEL TANK CORD

WIRING SYSTEM



WI-02523

DOOR CORD

WIRING SYSTEM

Brought to you by Eris Studios
NOT FOR RESALE

56. Door Cord

A: LOCATION

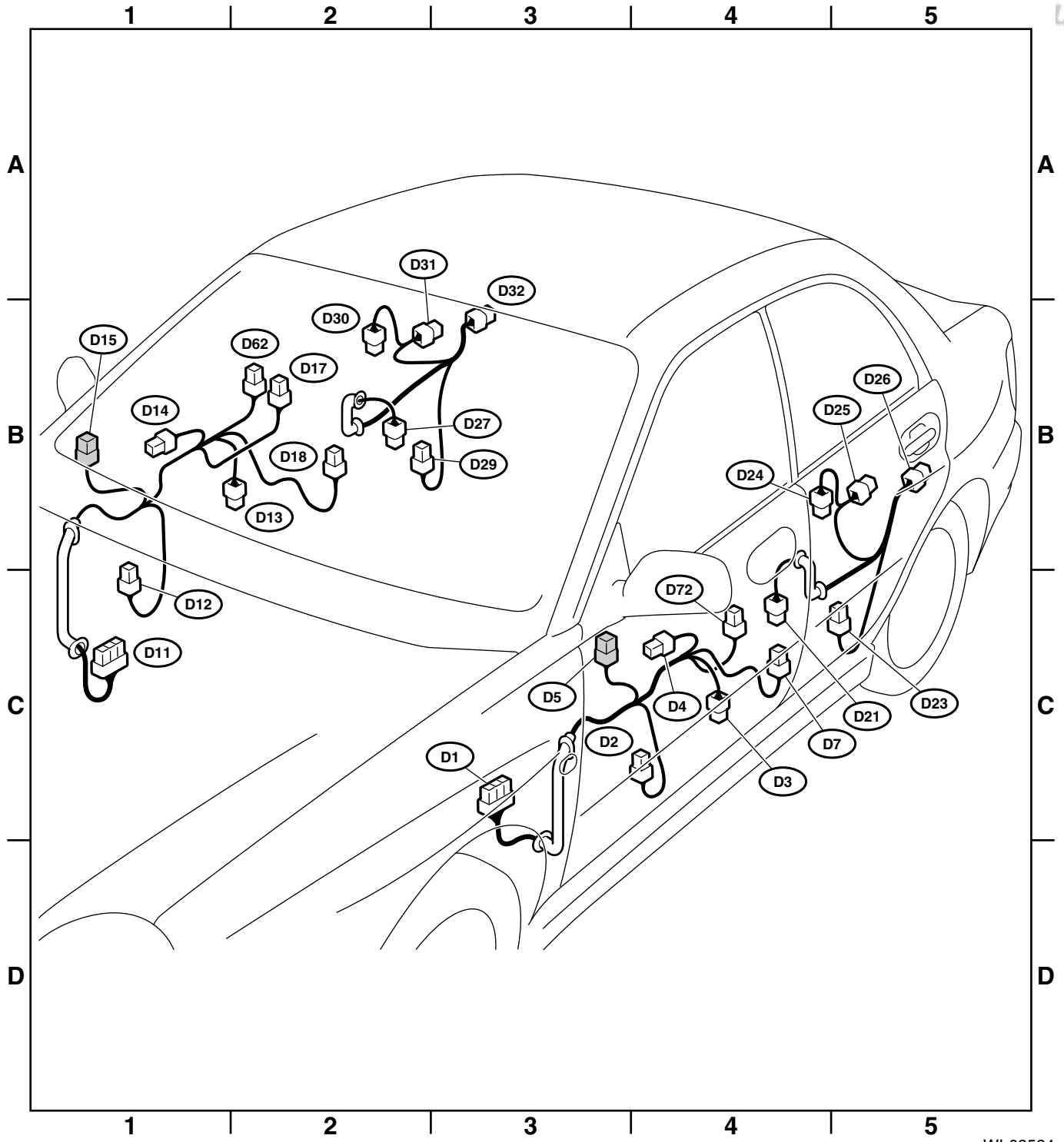
Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
D1	25	★	C-3	B30	Bulkhead wiring harness
D2	2	★	C-4		Front door speaker (Driver side)
D3	2	Black	C-4		Front power window motor (Driver side)
D4	2	Black	C-4		Front door tweeter (Driver side)
D5	6	★	C-3		Remote control rearview mirror LH (Without mirror heater)
	8	Black	C-3		Remote control rearview mirror LH (With mirror heater)
D7	16	★	C-4		Power window main switch
D11	25	★	C-1	B101	Bulkhead wiring harness
D12	2	★	C-1		Front door speaker RH
D13	2	Black	B-2		Front power window motor RH
D14	2	★	B-1		Front door tweeter RH
D15	6	★	B-1		Remote control rearview mirror RH (Without mirror heater)
	8	Black	B-1		Remote control rearview mirror RH (With mirror heater)
D17	8	★	B-2		Front power window sub switch RH
D18	4	★	B-2		Front door lock actuator RH
D21	8	★	C-4	B269	Bulkhead wiring harness
D23	2	★	C-5		Rear door speaker LH
D24	2	Black	B-4		Rear power window motor LH
D25	8	★	B-5		Rear power window sub switch LH
D26	4	★	B-5		Rear door lock actuator LH
D27	8	★	B-2	B265	Bulkhead wiring harness
D29	2	★	B-2		Rear door speaker RH
D30	2	Black	B-2		Rear power window motor RH
D31	8	★	B-2		Rear power window sub switch RH
D32	4	★	B-3		Rear door lock actuator RH
D62	5	★	B-2		Front door lock switch RH
D72	4	★	C-4		Front door lock actuator LH

★: Non-colored

DOOR CORD

WIRING SYSTEM

Brought to you by Eris Studios
NOT FOR SALE



WI-02524

REAR WIRING HARNESS AND TRUNK LID CORD

WIRING SYSTEM

57.Rear Wiring Harness and Trunk Lid Cord

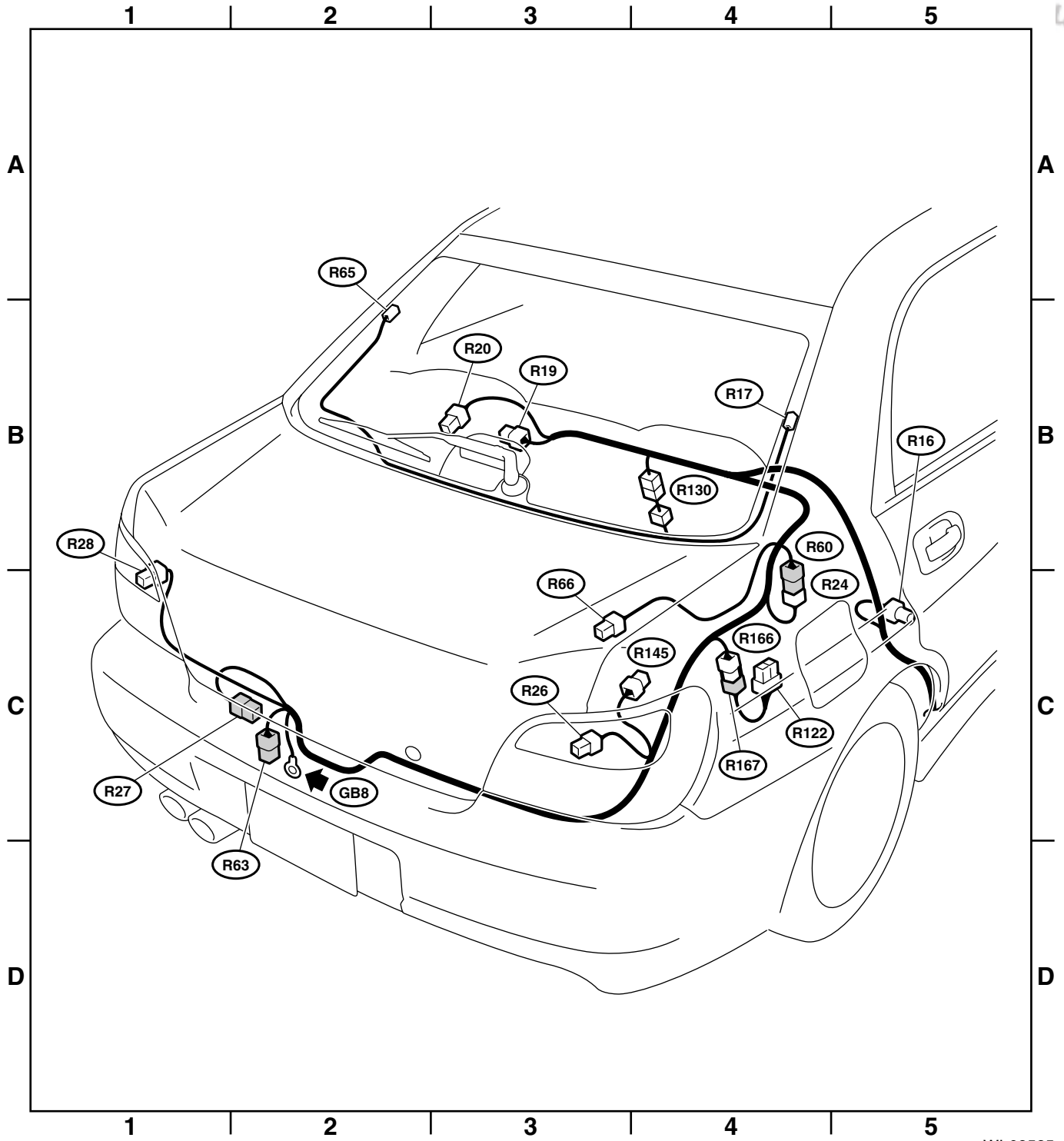
A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R16	3	★	C-5		Rear door switch RH
R17	1	Black	B-4		Rear defogger
R19	2	★	B-3		High-mounted stop light
R20	2	Black	B-3		Trunk room light
R24	2	★	C-4	R60	Trunk lid cord
R26	6	★	C-3		Rear combination light RH
R27	2	★	C-2		Trunk room light switch
R28	6	★	C-1		Rear combination light LH
R60	2	★	B-4	R24	Rear wiring harness
R63	2	Black	C-2		License plate light
R65	1	Black	B-2		Rear defogger
R66	2	★	C-3		High-mounted stop light (Rear spoiler)
R122	10	Black	C-4		Fuel pump control module (Turbo Model)
R130	2	★	B-4		Rear defogger choke coil
R145	4	★	C-4		Intercooler water spray motor
R166	6	★	C-4	R167	Fuel pump control module harness (STi model)
R167	6	★	C-4	R166	Rear wiring harness (STi model)

★: Non-colored

REAR WIRING HARNESS AND TRUNK LID CORD

WIRING SYSTEM



WI-02525

REAR WIRING HARNESS AND REAR GATE CORD

WIRING SYSTEM

58. Rear Wiring Harness and Rear Gate Cord

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R16	3	★	C-5		Rear door switch RH
R26	6	★	C-4		Rear combination light RH
R28	6	★	C-1		Rear combination light LH
R30	2	★	C-3		Diode (Luggage room light)
R32	2	★	C-3		Accessory power supply socket
R37	2	★	C-4	D33	Rear gate cord
R38	4	★	C-4	D34	Rear gate cord
R39	4	Blue	C-4	D35	Rear gate cord
R63	2	Black	C-2		License plate light
R79	6	★	D-3		Trailer connector
R97	2	★	C-1		Antenna amp.
R116	8	★	C-4		Rear wiper intermittent module
R122	10	Black	C-4		Fuel pump control module (Turbo Model)
R141	2	★	C-3		Luggage room light

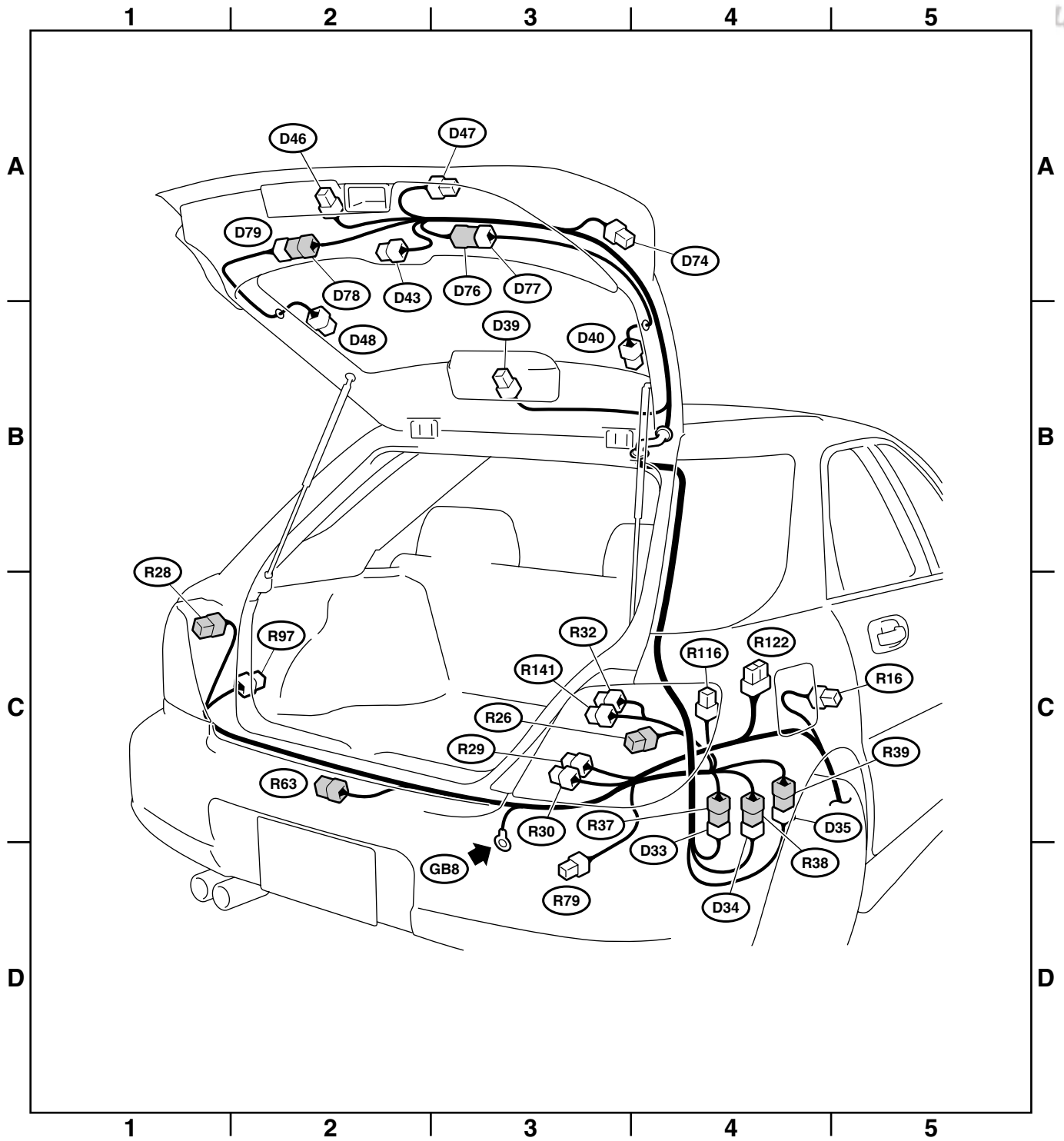
★: Non-colored

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
D33	2	★	C-4	R37	Rear wiring harness
D34	4	★	C-4	R38	Rear wiring harness
D35	4	Blue	C-4	R39	Rear wiring harness
D39	2	★	B-3		High-mounted stop light
D40	1	★	B-3		Rear defogger (Without choke coil)
D43	4	★	A-2		Rear wiper motor
D46	2	★	A-2		Rear gate latch switch
D47	2	★	A-3		Rear gate lock actuator cord
D48	1	★	B-2		Rear defogger (Without choke coil)
D74	2	★	A-4		Rear defogger choke coil
D76	1	★	A-3	D77	Rear defogger cord (Without choke coil)
D77	1	★	A-3	D76	Rear gate code
D78	1	Black	A-2	D79	Rear defogger cord (Without choke coil)
D79	1	Black	A-2	D78	Rear gate code

★: Non-colored

REAR WIRING HARNESS AND REAR GATE CORD

WIRING SYSTEM



WI-02776

REAR WIRING HARNESS AND REAR GATE CORD

WIRING SYSTEM

Brought to you by Eris Studios
NOT FOR RESALE