

WIRING SYSTEM



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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.

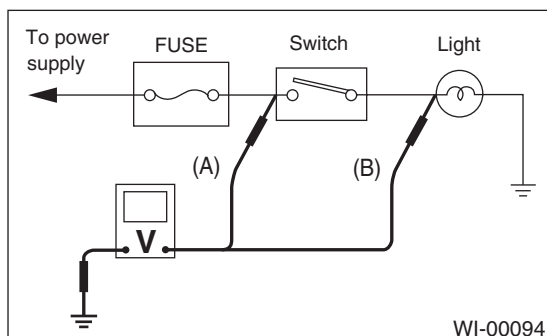
5. CONFIRMATION OF SYSTEM OPERATION

After repairing, ensure that the system operates properly.

B: BASIC INSPECTION

1. VOLTAGE MEASUREMENT

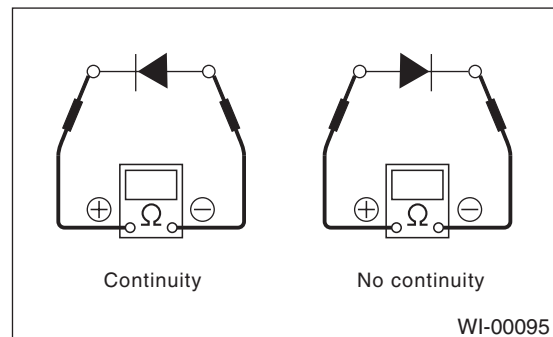
- 1) Using a voltmeter, connect the negative lead to a good ground point or negative battery terminal and the positive lead to the connector or component terminal.
- 2) Contact the positive probe of the voltmeter on connector (A).
- The voltmeter will indicate a voltage.
- 3) Shift the positive probe 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.

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

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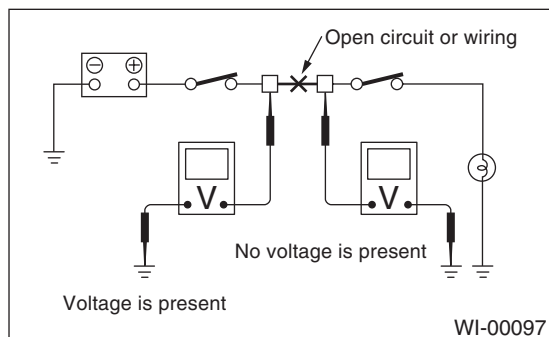
BASIC DIAGNOSTICS PROCEDURE

WIRING SYSTEM

3. HOW TO DETERMINE AN OPEN CIRCUIT

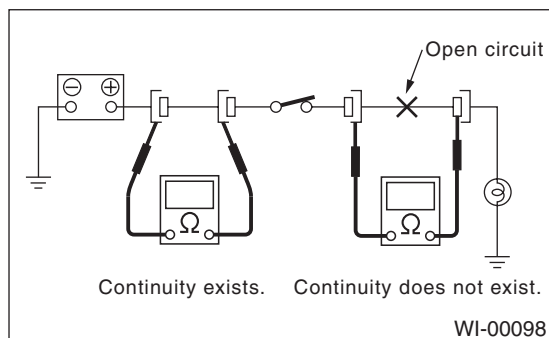
1) Voltmeter Method:

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 ground, the circuit between that connector and previous connector is open.



2) Ohmmeter method:

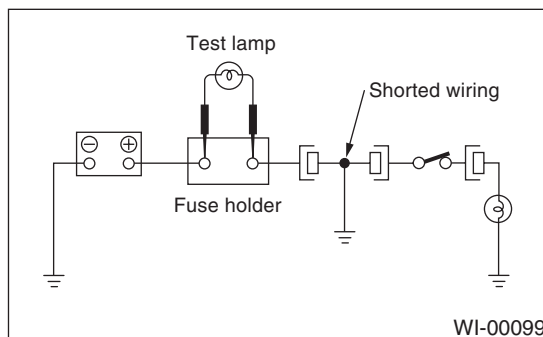
Disconnect all connectors affected, and check the continuity in wiring between adjacent connectors. When the ohmmeter indicates "infinite", the wiring is open.



4. HOW TO DETERMINE A SHORT CIRCUIT

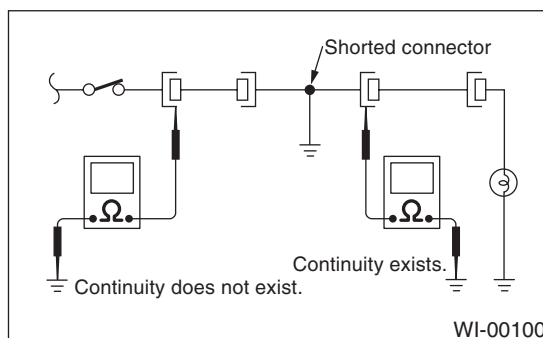
1) Test lamp method:

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.



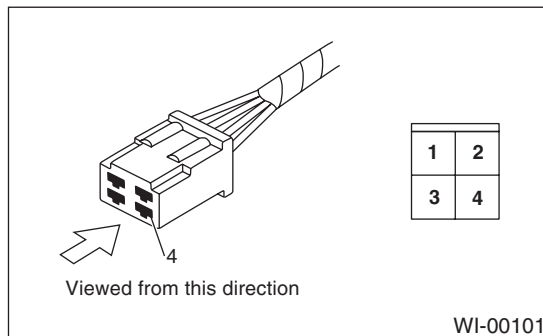
C: HOW TO READ WIRING DIAGRAMS

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.



WI-00101

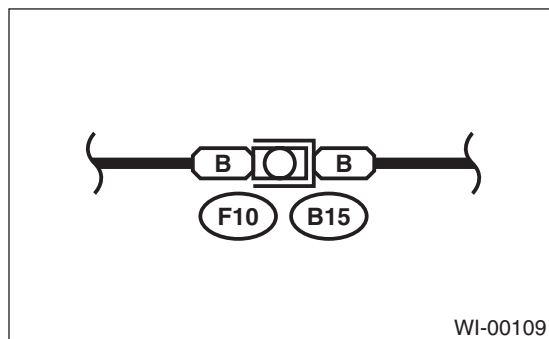
- The number of poles or pins, presence of a lock, and pin number of each terminal are indicated in the sketch of each connector. In the sketch, the highest pole number refers to the number of poles which connector has. For example, the sketch of connector shown in the figure indicates the connector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

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

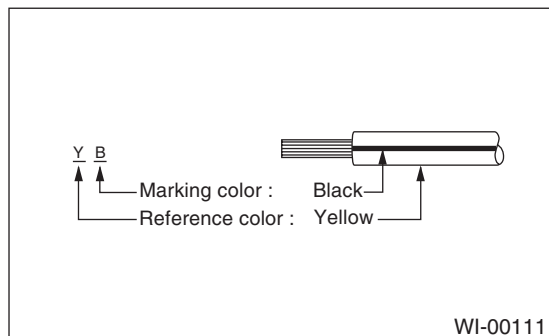
WI-00102

WIRING SYSTEM

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



- 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:

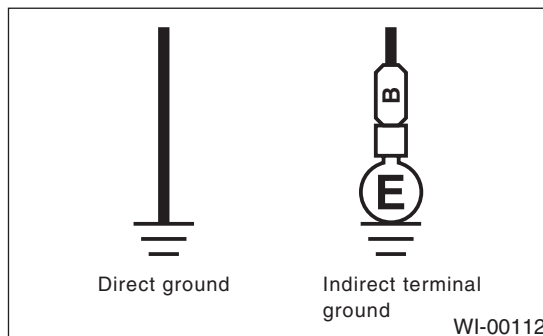
When replacing or repairing a wire, be sure to use the same size and type of wire which was originally used.

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

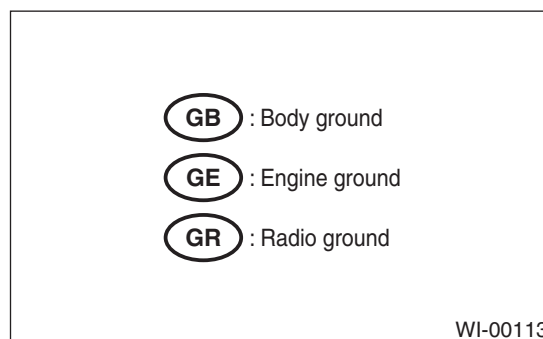
- Each unit is directly grounded to the body or indirectly grounds through a harness ground terminal. Different symbols are used in the wiring diagram to identify the two grounding systems.



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

NOTE:

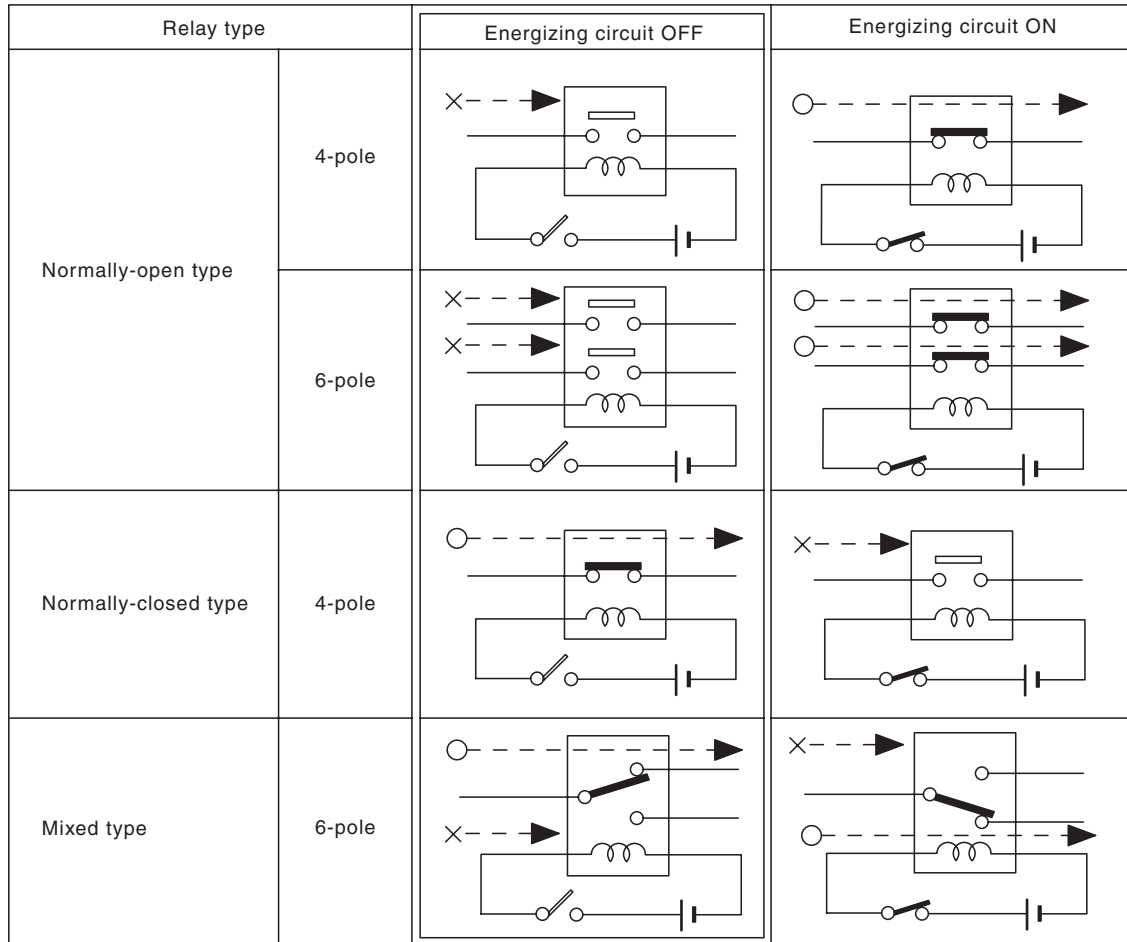
All wiring harnesses are provided with a ground point which should be securely connected.



BASIC DIAGNOSTICS PROCEDURE

WIRING SYSTEM

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



Key to symbols:

○ —▶ : Current flows.

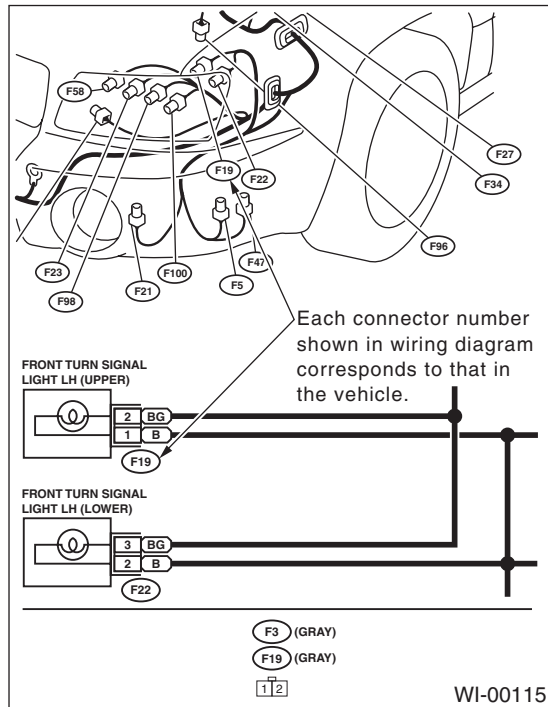
× —▶ : Current does not flow.

WI-00114

- 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

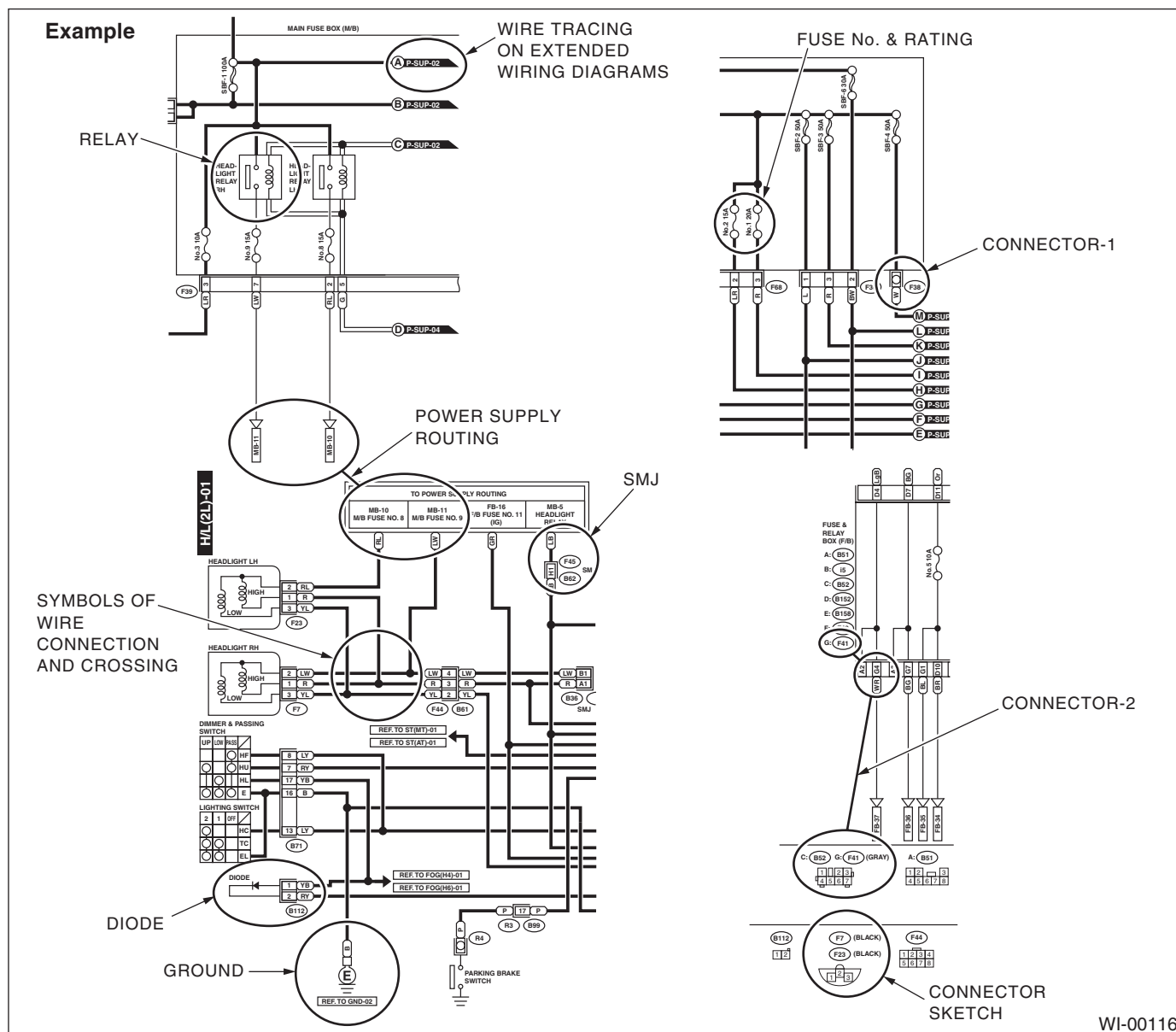


BASIC DIAGNOSTICS PROCEDURE

WIRING SYSTEM

D: SYMBOLS IN WIRING DIAGRAMS

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



1. RELAY

A symbol used to indicate a relay.

2. CONNECTOR-1

The sketch of the connector indicates 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.

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

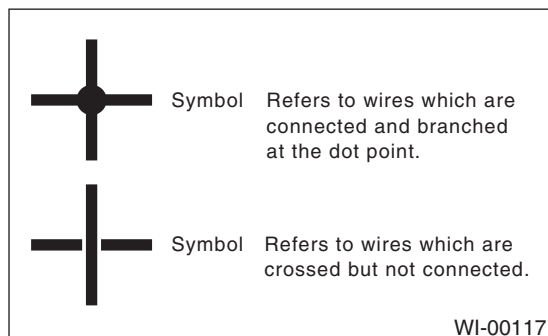
A symbol is used to indicate a diode.

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 $\longleftrightarrow$ A, B $\longleftrightarrow$ 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

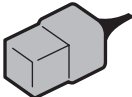
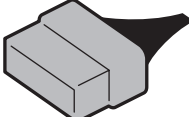
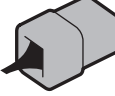
When the wiring diagrams differ according to vehicle specifications, the specification difference is described by using abbreviations.

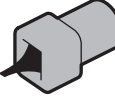
BASIC DIAGNOSTICS PROCEDURE

WIRING SYSTEM

E: CONNECTOR SYMBOL IN WIRING HARNESS

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

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

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

WI-02445

F: ABBREVIATION IN WIRING DIAGRAMS

Abbreviation	Full name
ABS	Antilock Brake System
ACC	Accessory
A/C	Air Conditioning
AD	Auto Down
AT	Automatic Transmission
AU	Auto Up
A/B	Air Bag
A/F	Air Fuel
ATF	Automatic Transmission Fluid
AVCS	Active Valve Control System
AWD	All Wheel Drive
B	Battery
CPC	Canister Purge Control
D	Drive Range
DN	Down
E	Ground
EGR	Exhaust Gas Recirculation
ELR	Emergency Locking Retractor
ETC	Electric Throttle Valve Control
F/B	Fuse & Joint Box
FL1.5	Fusible link 1.5 mm ²
FPC	Fuel Pump Control
FWD	Front Wheel Drive
H/L	Head Light
I/F	Interface
IG	Ignition
Illumi	Illumination
INT	Intermittent
L/C	Low Clutch
LDC	Liquid Crystal Display
LH	Left Hand
Lo	Low
M	Motor
M/B	Main Fuse Box
MG	Magnet
Mi	Middle
MT	Manual Transmission
N	Neutral
OP	Optional Parts
P	Parking Range
PASS	Passing
R	Reverse Range
RH	Right Hand
SBF	Slow Blow Fuse
SMJ	Super Multiple Junction
ST	Starter
SW	Switch
TGV	Tumble Generator Valve

Abbreviation	Full name
UP	Up
WASH	Washer

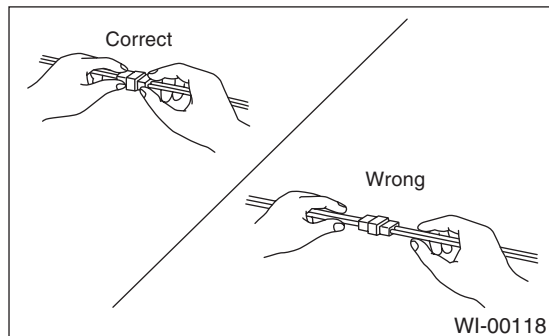
2. Working Precautions

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

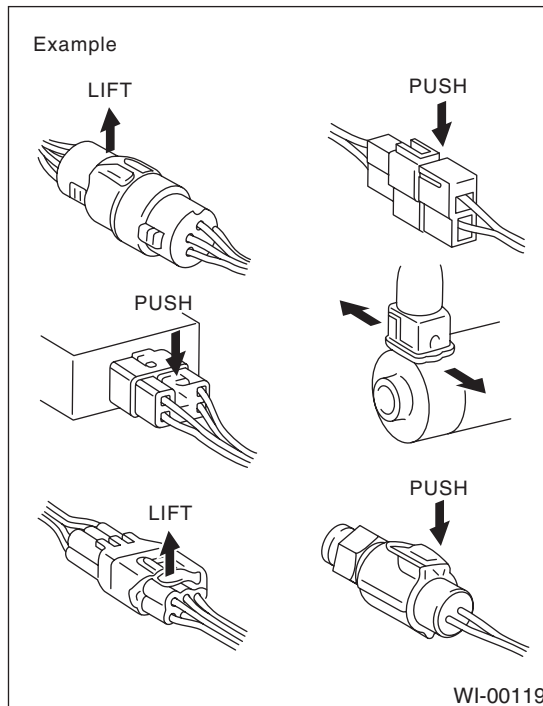
- 1) When working under a vehicle which is jacked-up, always be sure to use safety stands.
- 2) The parking brake must always be applied during working. Also, in automatic transmission models, keep the select lever set to P (Parking) range.
- 3) Be sure the workshop is properly ventilated when running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

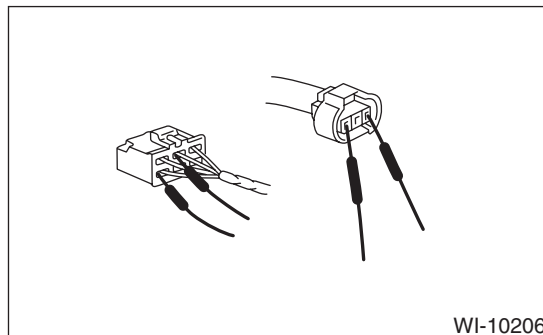


- 5) Some connectors are provided with a lock. One type of such a connector is disconnected by pushing the lock, and the other, by moving the lock up. In either type the lock shape must be identified before attempting to disconnect the connector. To connect, insert the connector until it snaps and confirm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



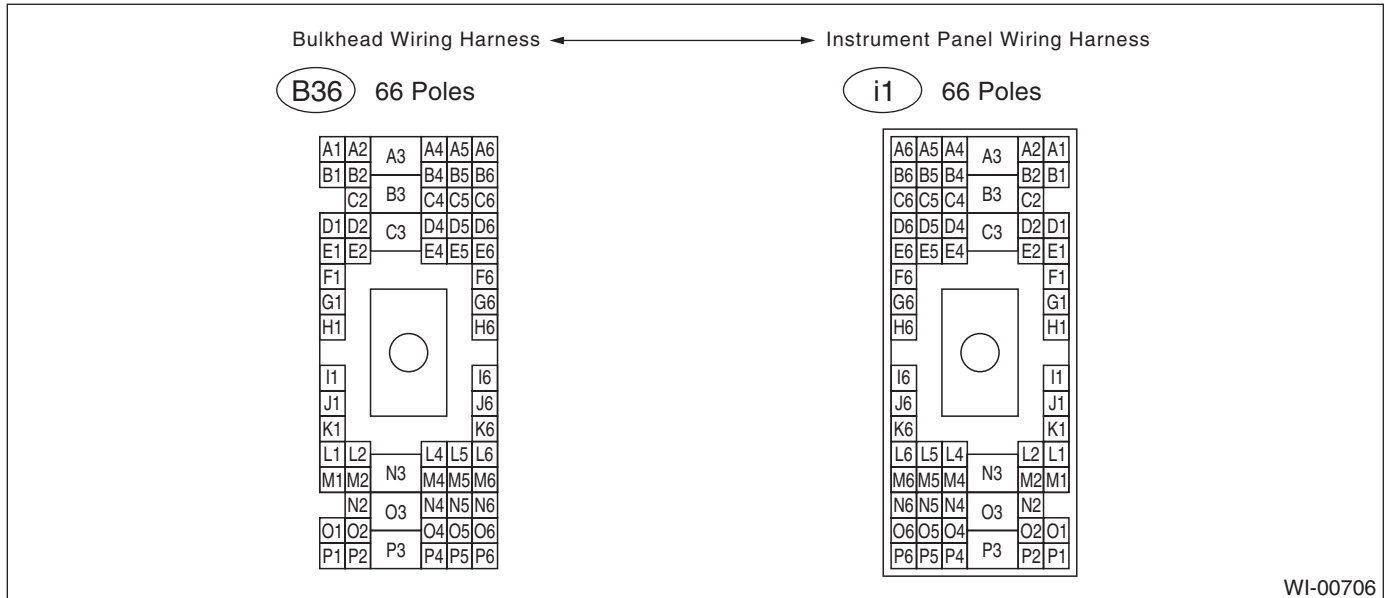
- 7) Sensors, relays, electrical unit, etc., are sensitive to strong impacts. Handle them with care so that they are not dropped or mishandled.

3. Super Multiple Junction (SMJ)

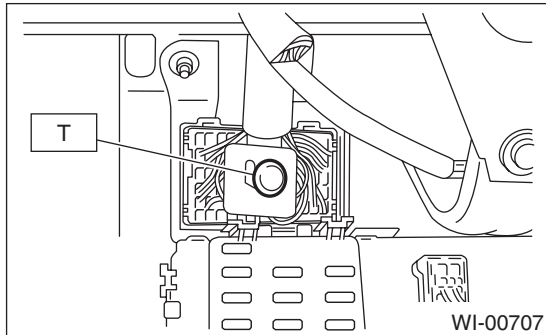
A: HOW TO USE SUPER MULTIPLE JUNCTION (SMJ)

The "SMJ" indicated in wiring diagrams is shown in a simplified form.

B: TERMINAL ARRANGEMENT



C: INSTALLATION



Tightening torque:

T: 4.4 N·m (0.45 kgf-m, 3.3 ft-lb)

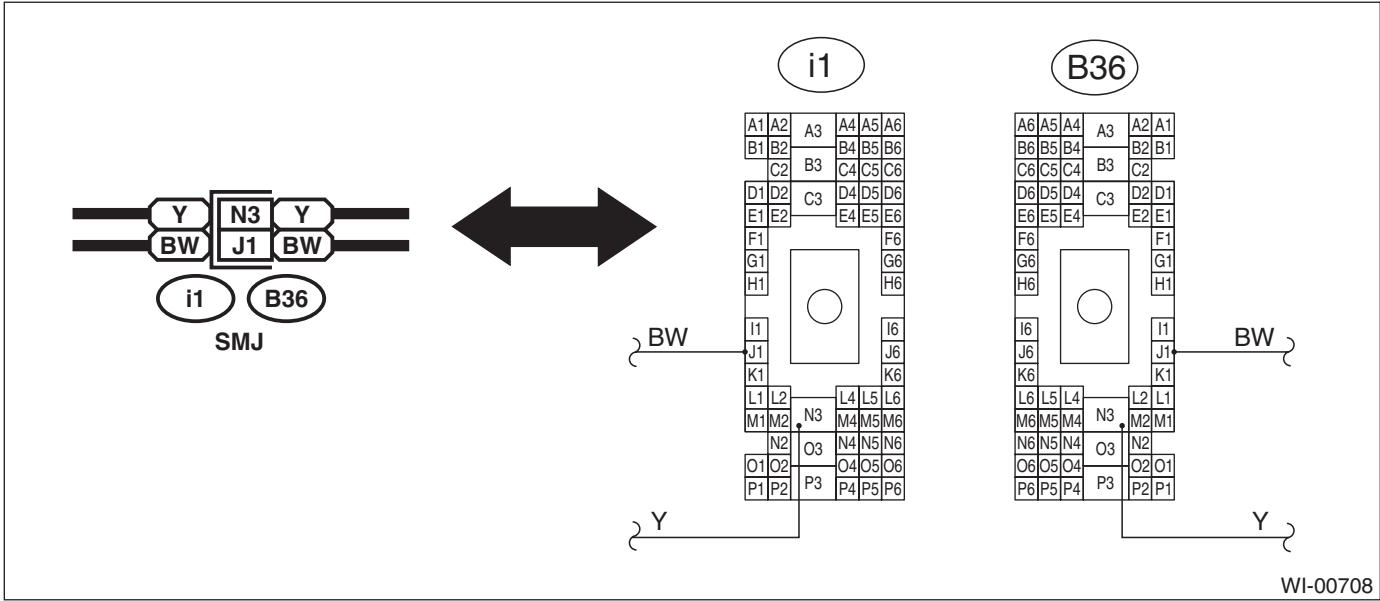
NOTE:

- Align the cutout portion of one connector with that of other before tightening the connecting bolt.
- Do not tighten the bolt excessively since this may deform the connectors.

SUPER MULTIPLE JUNCTION (SMJ)

WIRING SYSTEM

D: EXPLANATION OF SMJ SHOWN IN THE WIRING DIRAM

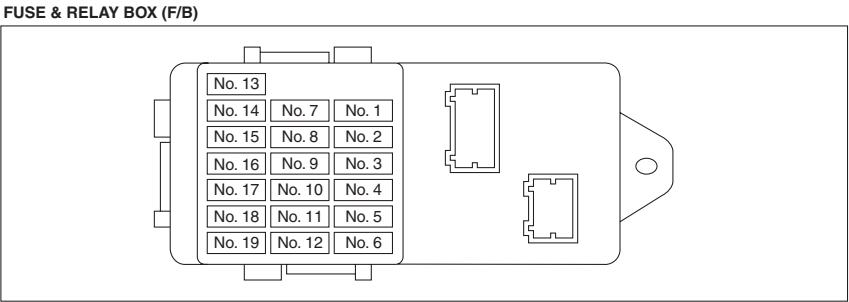
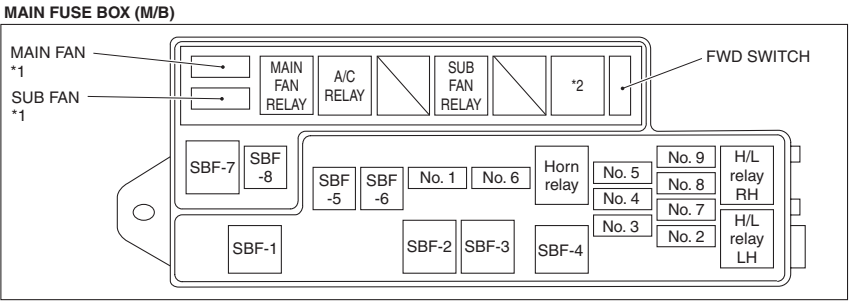


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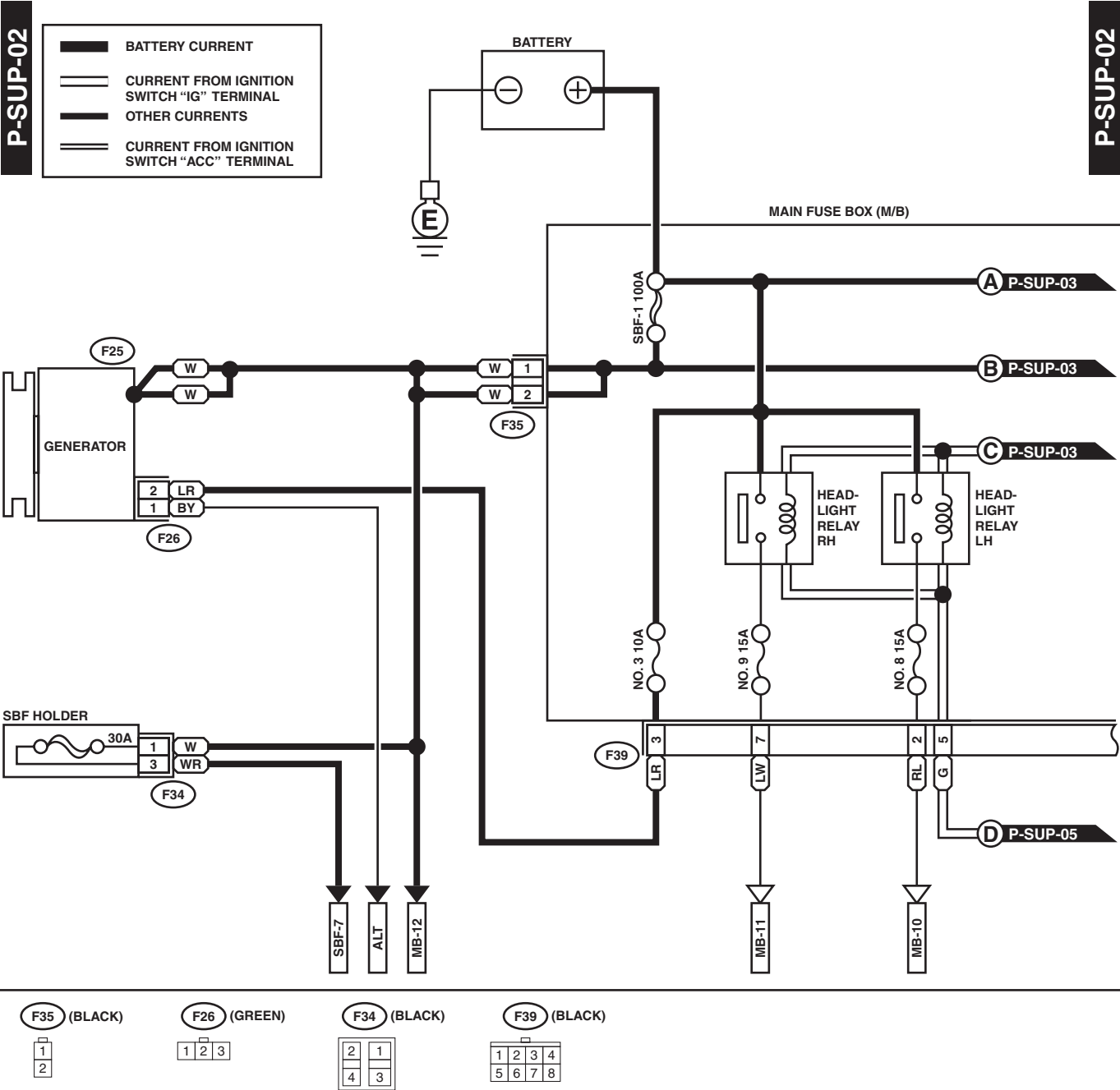
4. Power Supply Routing
A: SCHEMATIC

P-SUP-01

P-SUP-01



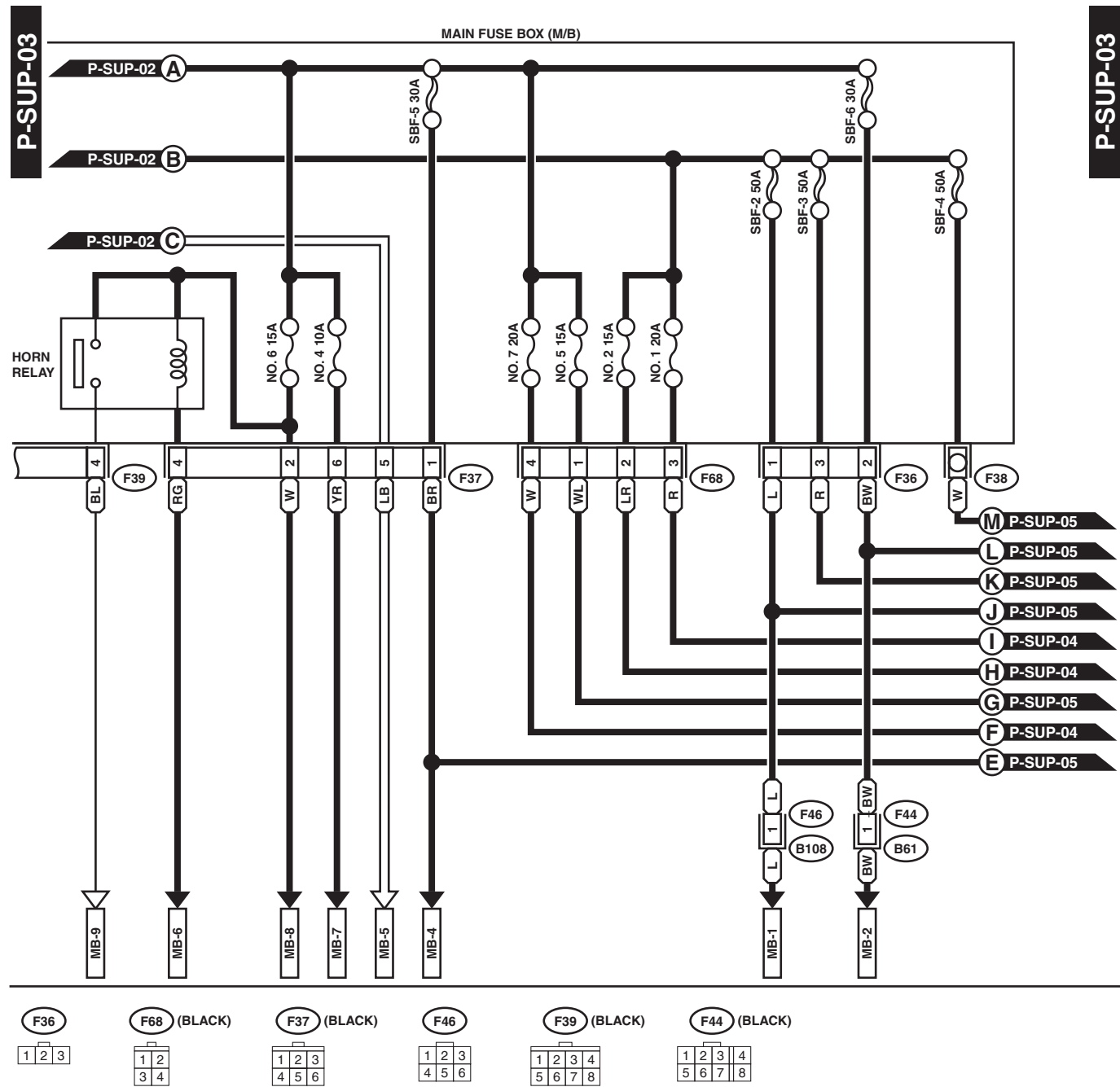
*1 TURBO ENGINE MODEL : 30A
NON-TURBO ENGINE MODEL : 20A
*2 TURBO ENGINE MODEL : FAN MODE RELAY
NON-TURBO ENGINE MODEL : F-FOG RELAY



WI-08552

POWER SUPPLY ROUTING

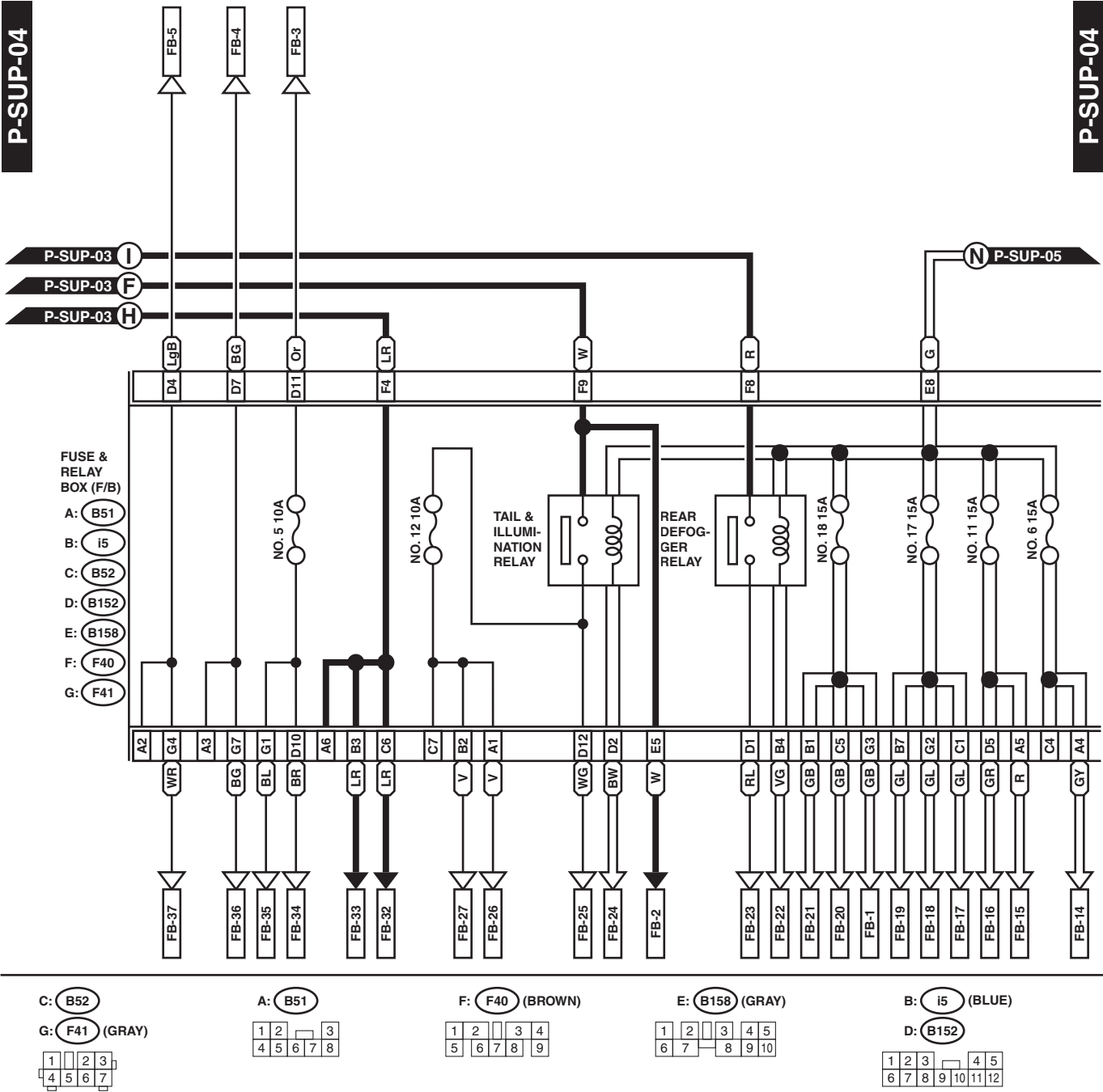
WIRING SYSTEM



WI-05688

POWER SUPPLY ROUTING

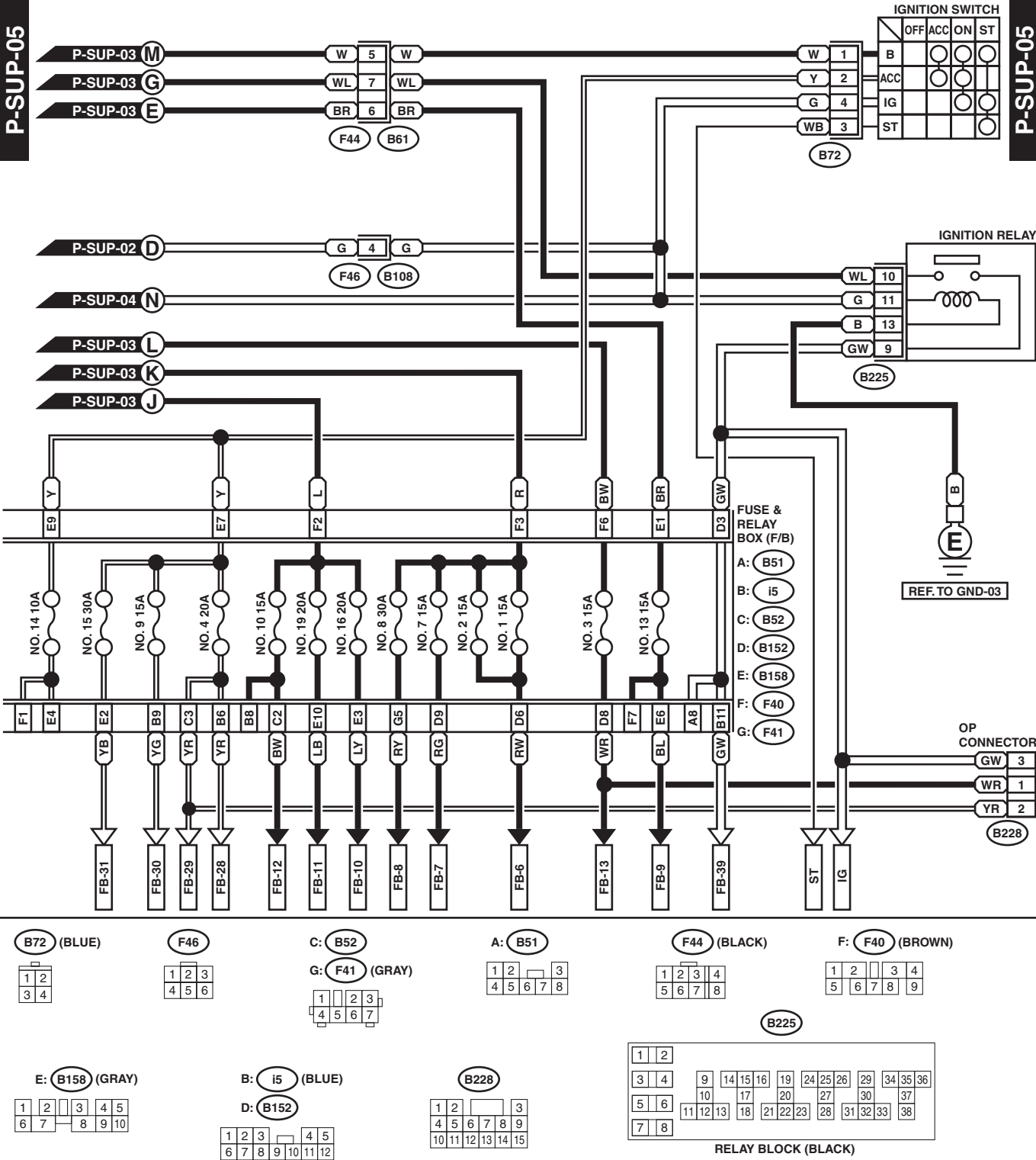
WIRING SYSTEM



WI-05689

POWER SUPPLY ROUTING

WIRING SYSTEM



WI-08553

POWER SUPPLY ROUTING

WIRING SYSTEM

No.	Load
MB-1	Fuse (Seat heater/rear accessory power supply relay)
MB-2	Power window circuit breaker
MB-4	Data link connector Engine control module Main relay
MB-5	Cruise control sub switch Day time running light control module OP connector
MB-6	Horn switch Keyless entry control module Security horn relay SPORT shift switch
MB-7	Transmission control module (AT)
MB-8	Hazard switch Keyless entry control module Key warning switch Stop & turn module
MB-9	Horn
MB-10	Headlight LH
MB-11	Combination meter Headlight RH
MB-12	A/C relay holder SBF holder
SBF-8	Oxygen sensor heater relay
ALT	Combination meter OP connector
IG	Check connector Ignition relay-2 Keyless entry control module OP connector Vehicle speed sensor (MT)
ST	Cruise control module Engine control module (AT) Inhibitor switch (AT) Interrupt relay Starter interlock relay
FB-1	ABS control module Main fan relay
FB-2	Parking switch
FB-3	Parking switch
FB-4	Combination meter Combination switch (Lighting) Hazard switch Keyless entry control module Rear combination light Stop & turn module
FB-5	Combination meter Combination switch (Lighting) Keyless entry control module Rear combination light Stop & turn module
FB-6	Blower motor relay
FB-7	Front fog light relay
FB-8	ABS control module
FB-9	Fuel pump relay

No.	Load
FB-10	Stop light switch
FB-11	Cargo Light SPORT light relay Wiper deicer relay
FB-12	Trailer connector
FB-13	Keyless buzzer Keyless entry control module OP connector
FB-14	Airbag control module
FB-15	Airbag control module
FB-16	Daytime running light control module Daytime running light relay Engine control module Fuel pump relay Ignition coil and ignitor Integrated module Transmission control module
FB-17	A/C pressure switch Blower motor relay
FB-18	A/C relay Sub fan relay
FB-19	Manual A/C control module
FB-20	Back-up light switch (MT) Cruise control module Inhibitor switch (AT) Power window relay
FB-21	Cruise control main switch
FB-22	Engine control module Manual A/C control module
FB-23	Choke coil Rear defogger Rear defogger condenser
FB-24	Combination switch (Lighting) Engine control module OP connector
FB-25	Parking switch
FB-26	AT select lever illumination light Integrated module OP connector Power window main switch Seat heater switch
FB-27	Audio Ashtray illumination light SPORT light switch CD illumination light Cigar lighter illumination light Front fog switch Globe box light Hazard switch Manual A/C control module Wiper deicer switch
FB-28	Front accessory power supply socket Multiple power socket relay (Option)

POWER SUPPLY ROUTING

WIRING SYSTEM

No.	Load
FB-29	Compass mirror Integrated module Mirror heater LH Mirror heater RH OP connector Rear accessory power supply relay Remote control rearview mirror switch Vanity mirror illumination light
FB-30	Audio
FB-31	Combination switch (Washer) Front washer motor Front wiper motor
FB-32	Combination meter Impact sensor Integrated module Key illumination light Key warning and step light diode Keyless entry control module Room light Security horn relay Stop light Step light
FB-33	Audio Combination meter
FB-34	License plate light LH License plate light RH Rear combination light LH Rear combination light RH Rear finisher light LH Rear finisher light RH Trailer connector
FB-35	Front clearance light LH Front clearance light RH
FB-36	Front turn signal light LH (Up, Lo)
FB-37	Front turn signal light RH (Up, Lo)
FB-39	Combination meter Hazard switch

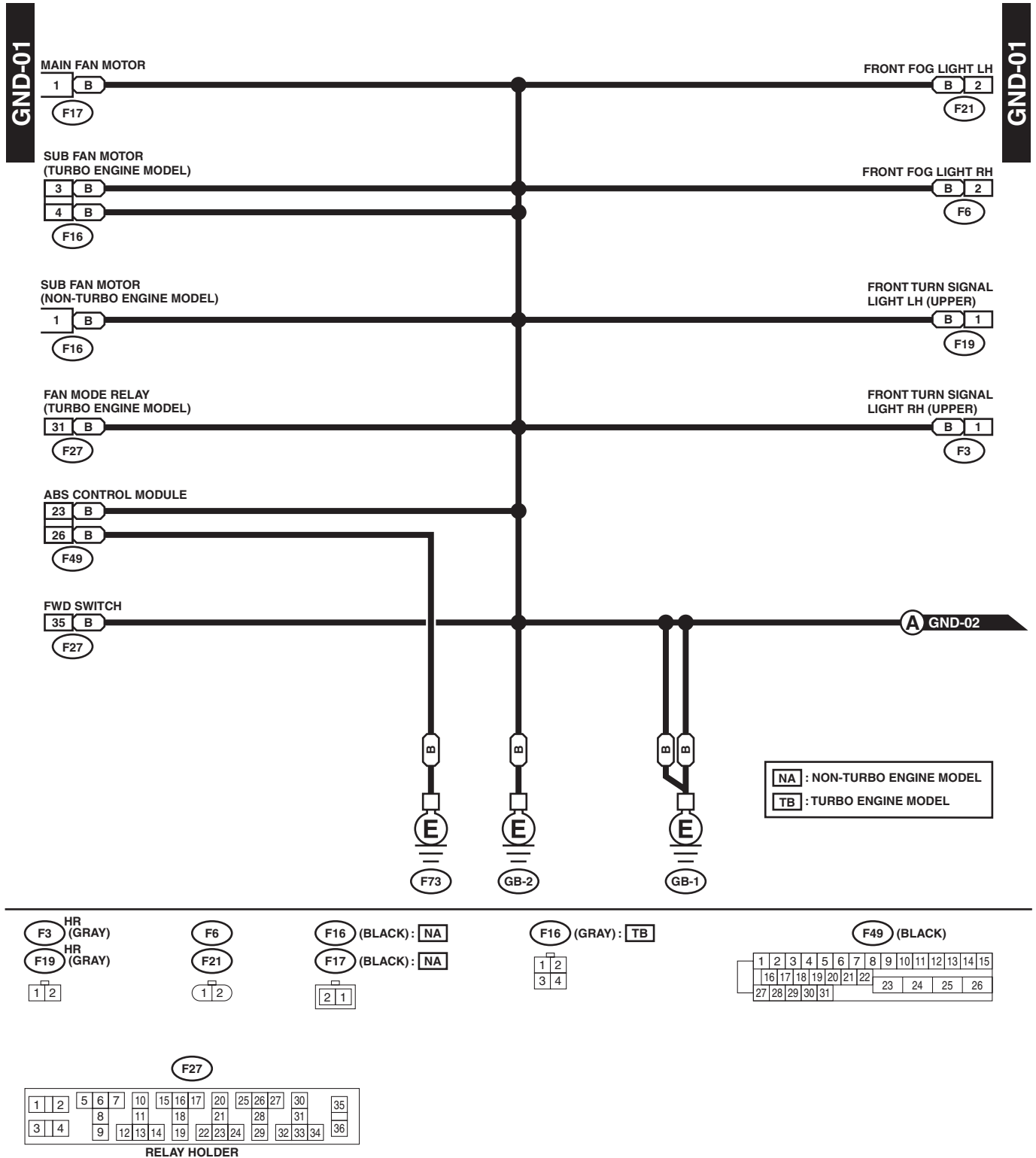
MEMO:

GROUND DISTRIBUTION

WIRING SYSTEM

5. Ground Distribution

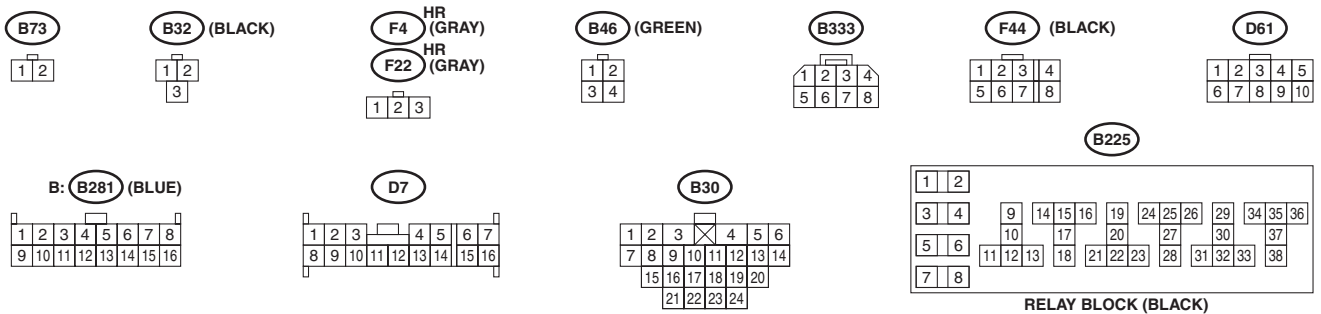
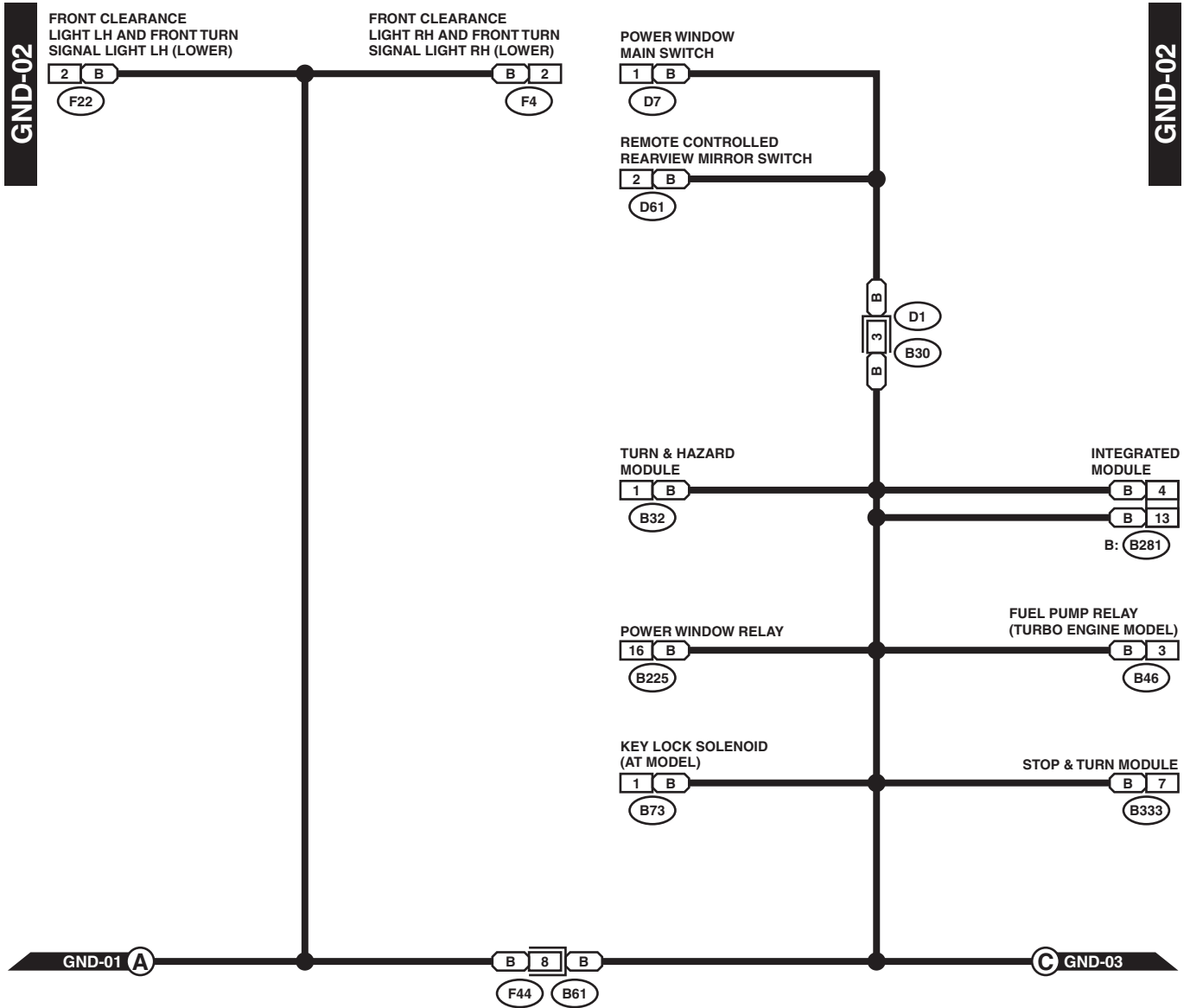
A: SCHEMATIC



WI-06751

GROUND DISTRIBUTION

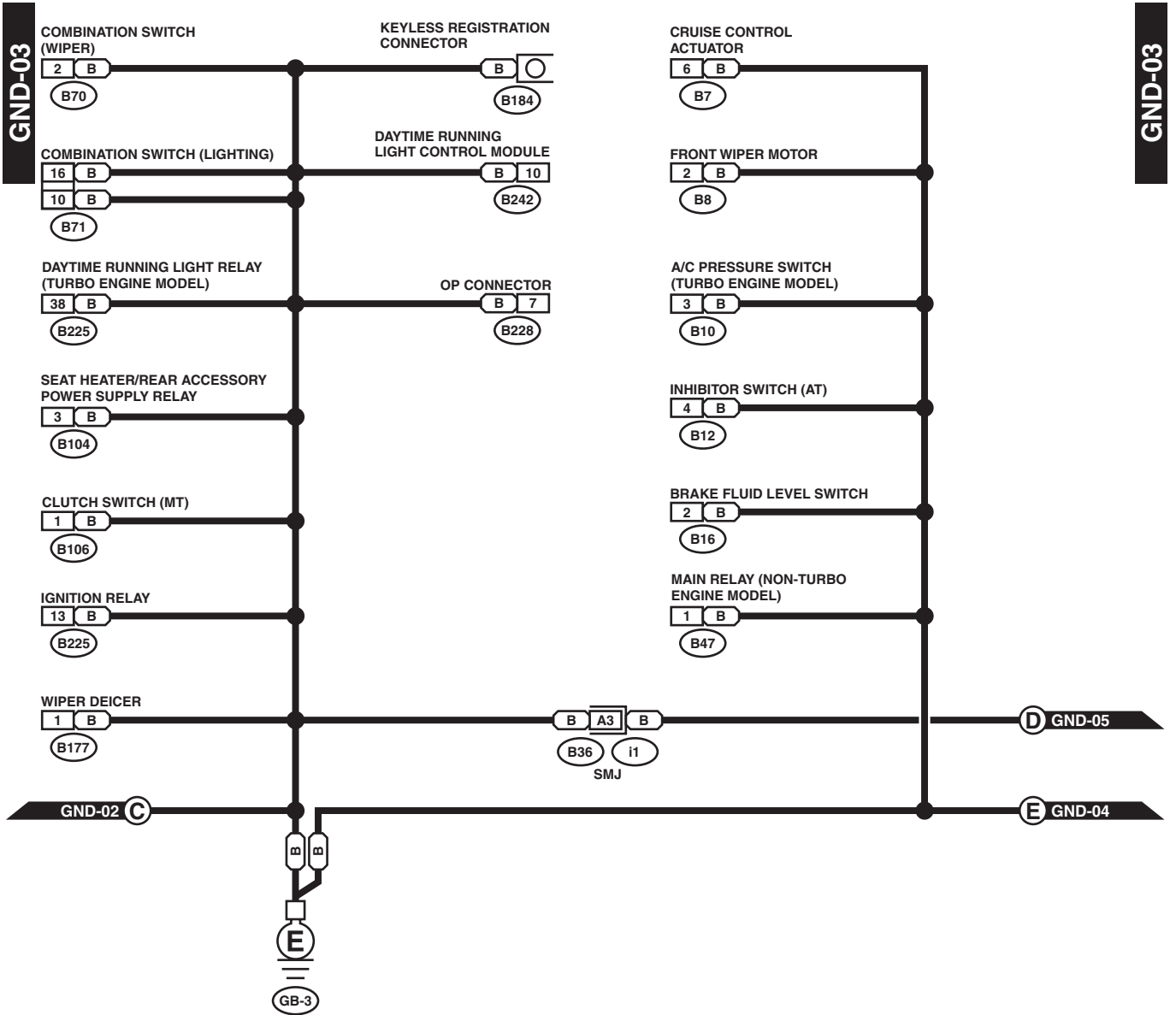
WIRING SYSTEM



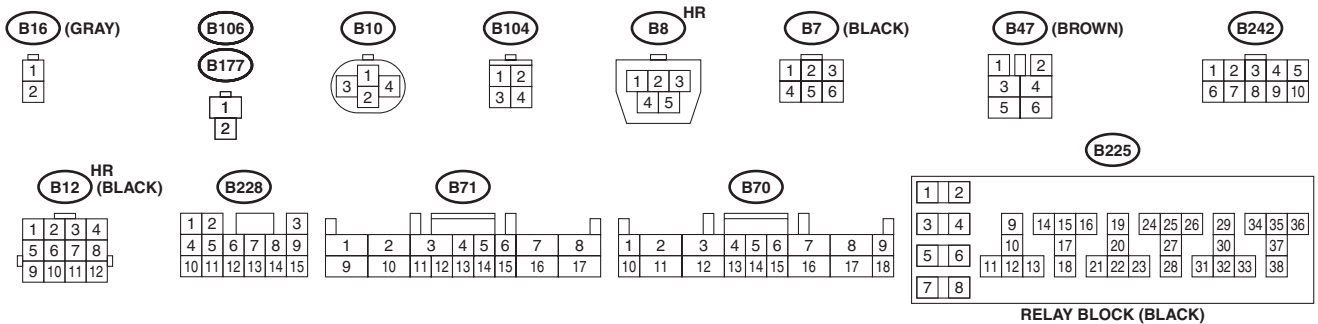
WI-06752

GROUND DISTRIBUTION

WIRING SYSTEM



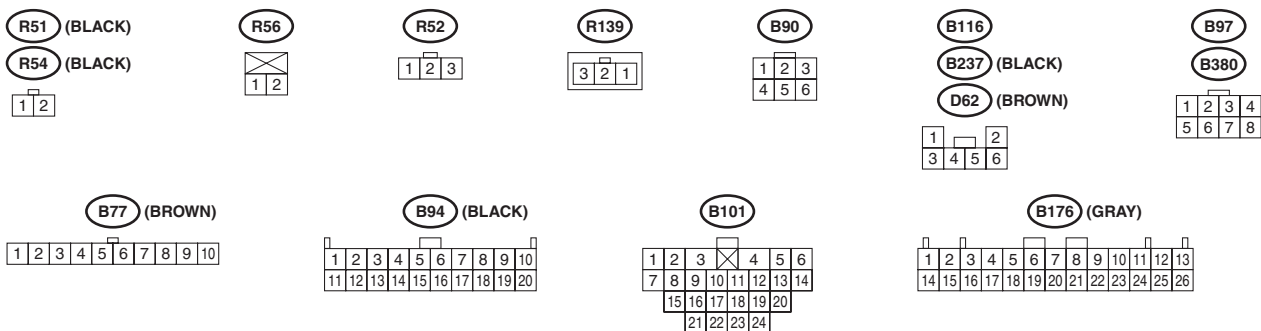
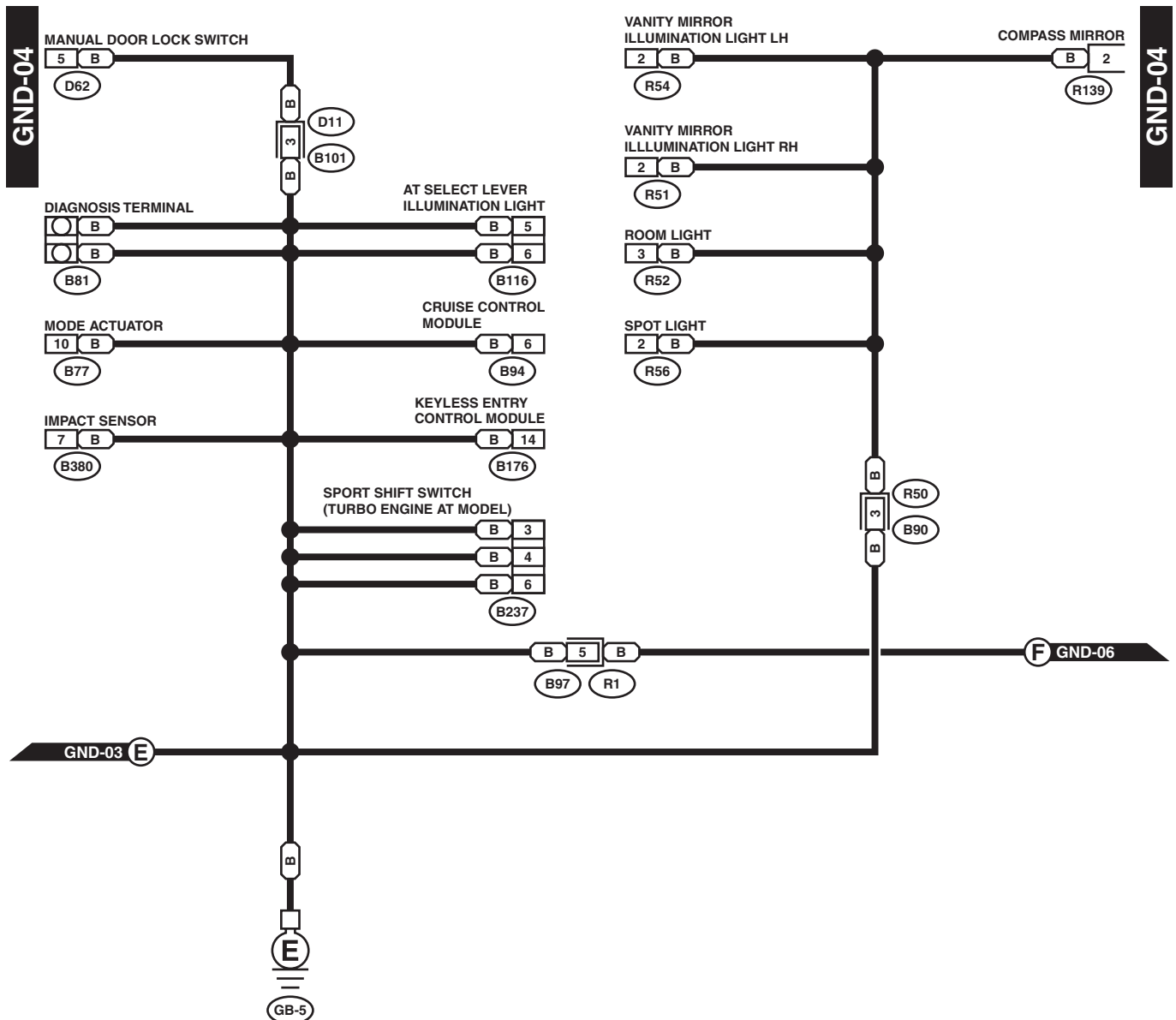
GND-03



WI-08554

GROUND DISTRIBUTION

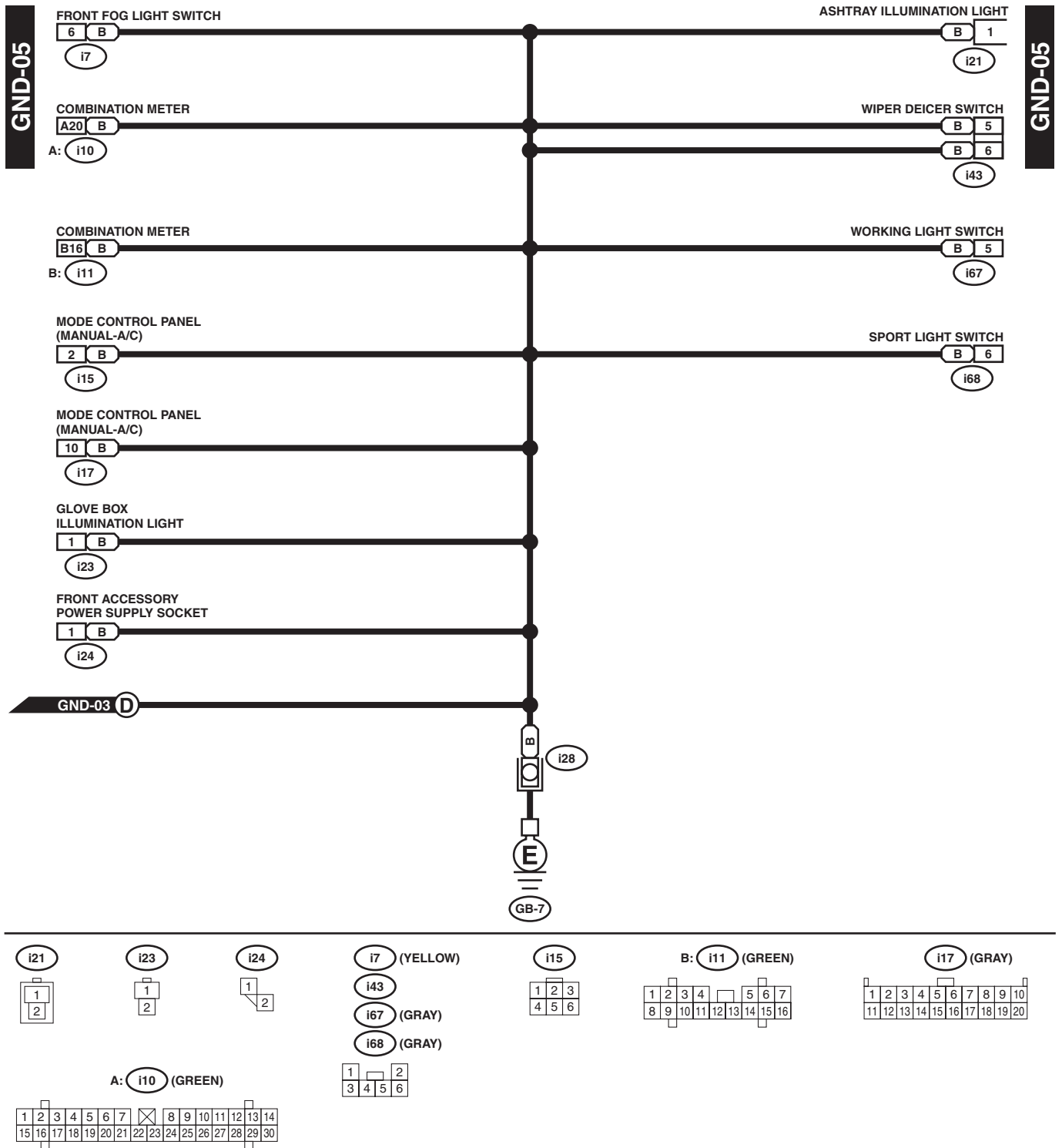
WIRING SYSTEM



WI-08555

GROUND DISTRIBUTION

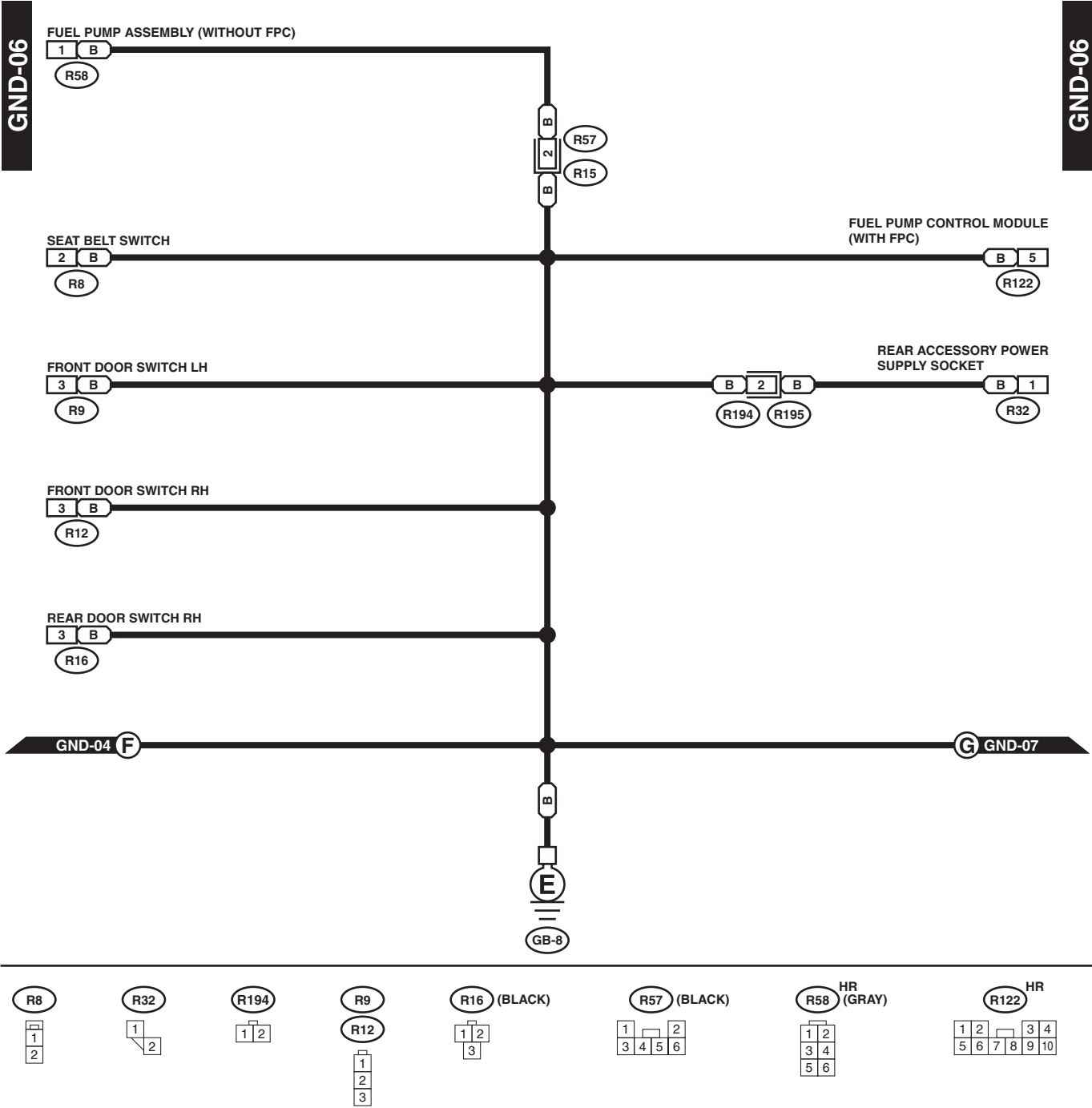
WIRING SYSTEM



WI-05695

GROUND DISTRIBUTION

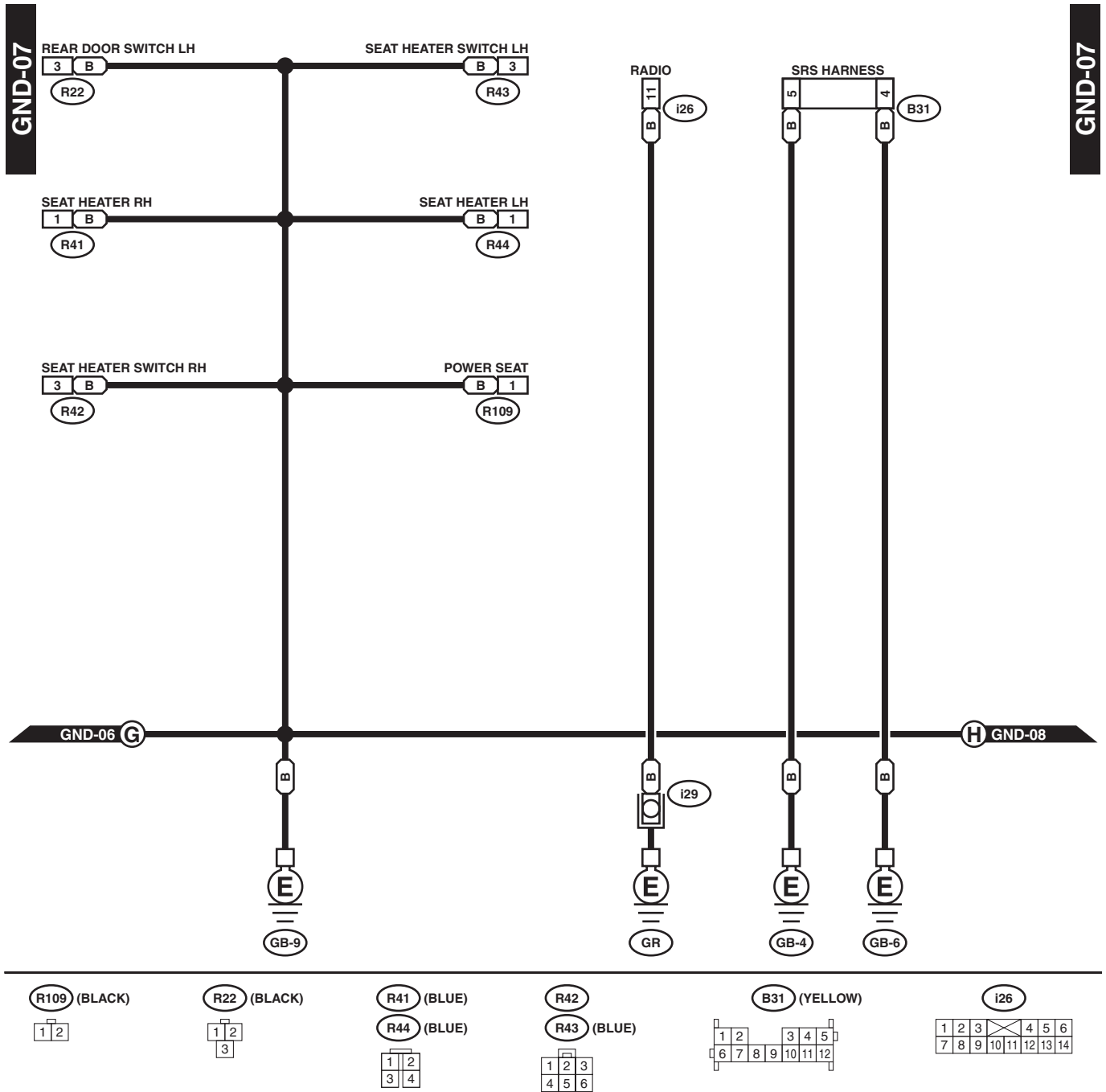
WIRING SYSTEM



WI-06754

GROUND DISTRIBUTION

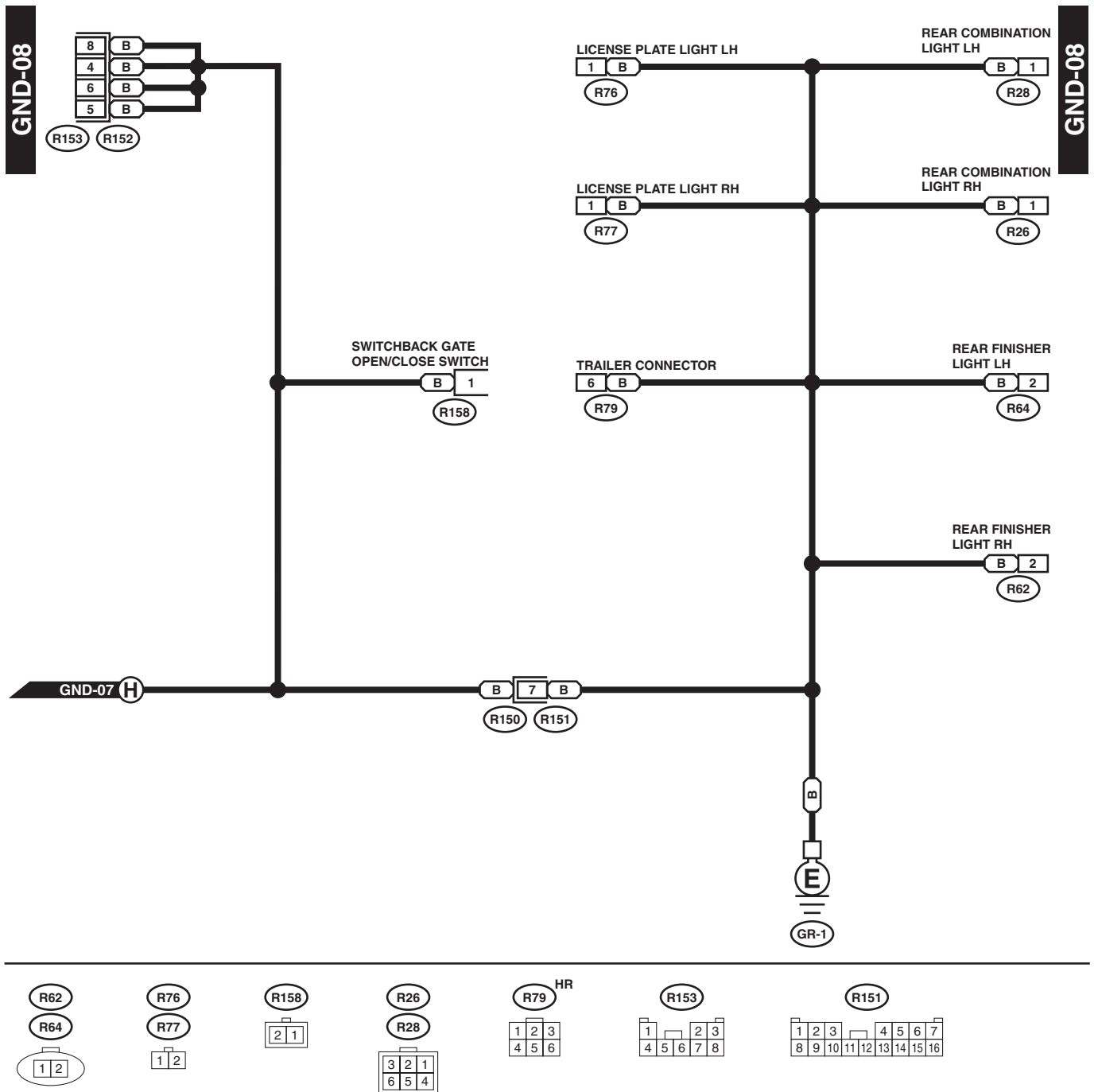
WIRING SYSTEM



WI-05802

GROUND DISTRIBUTION

WIRING SYSTEM



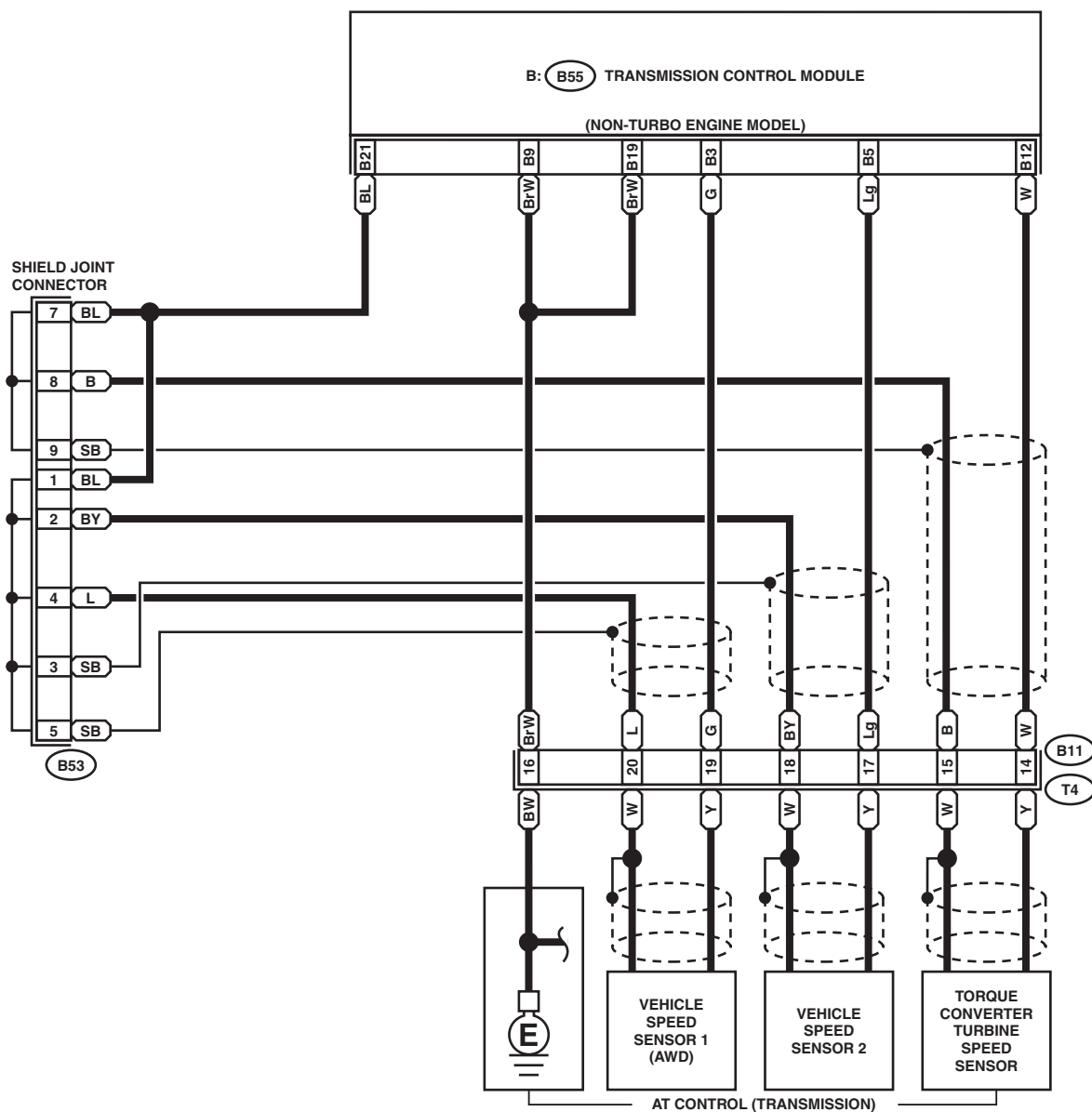
WI-06755

GROUND DISTRIBUTION

WIRING SYSTEM

GND-09

GND-09



B53 (BLUE)

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

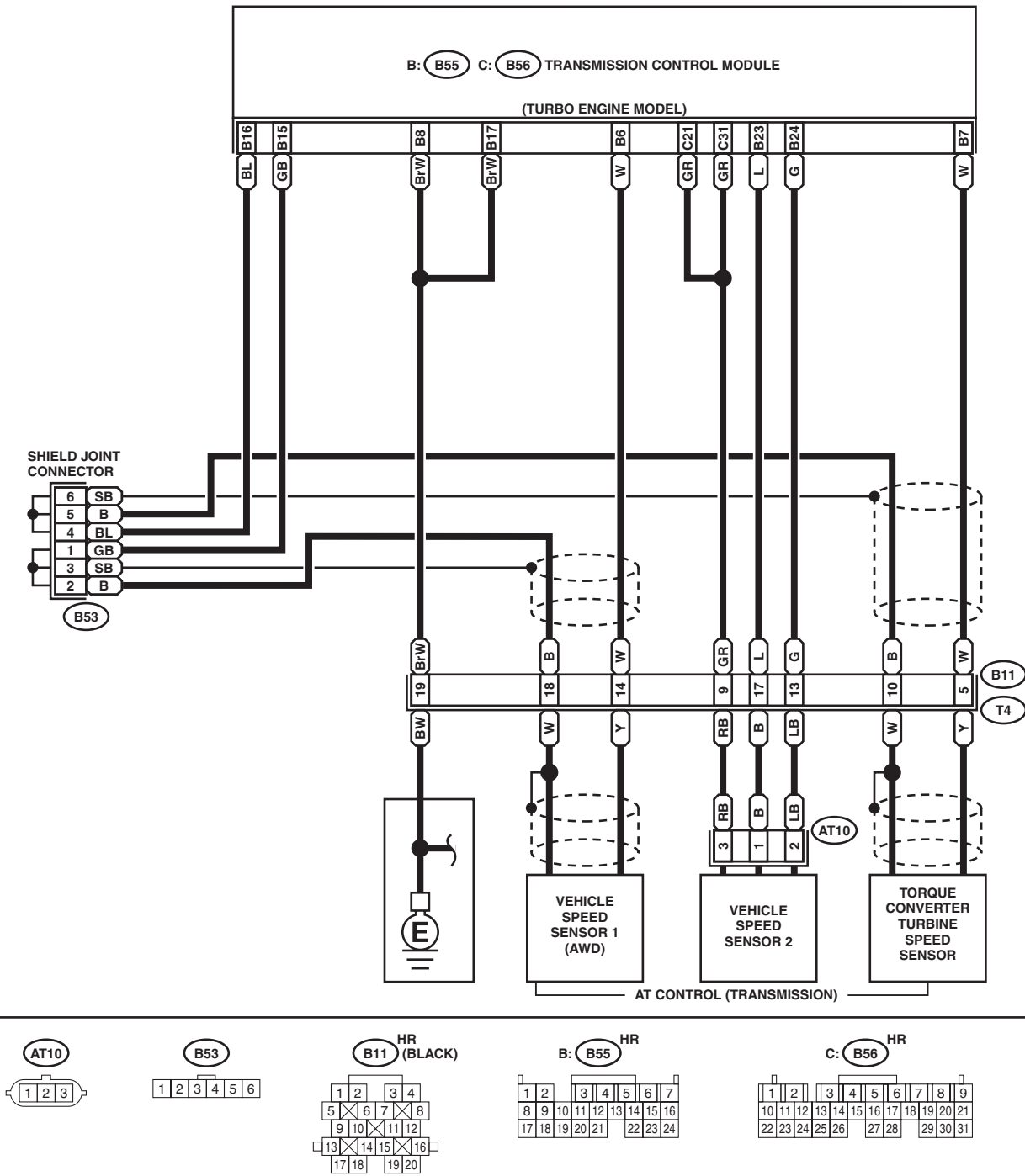
B: B55 (GRAY)

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-06756

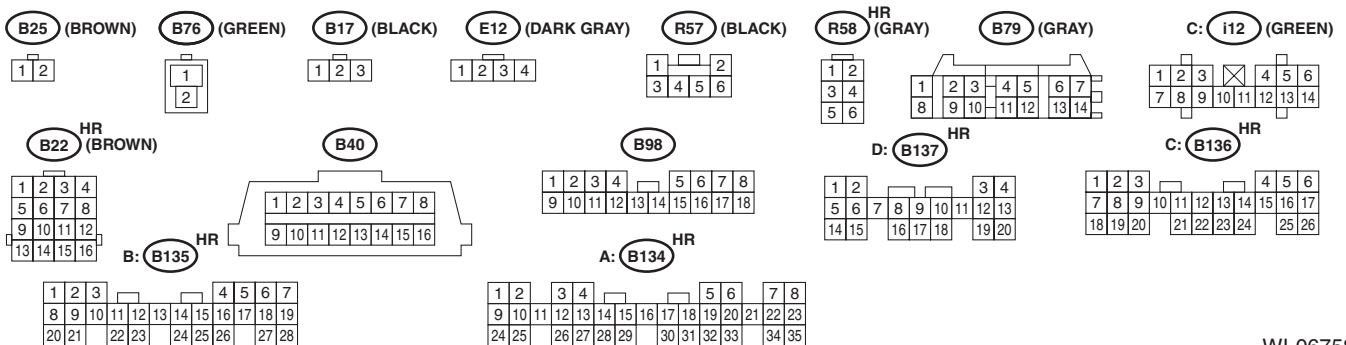
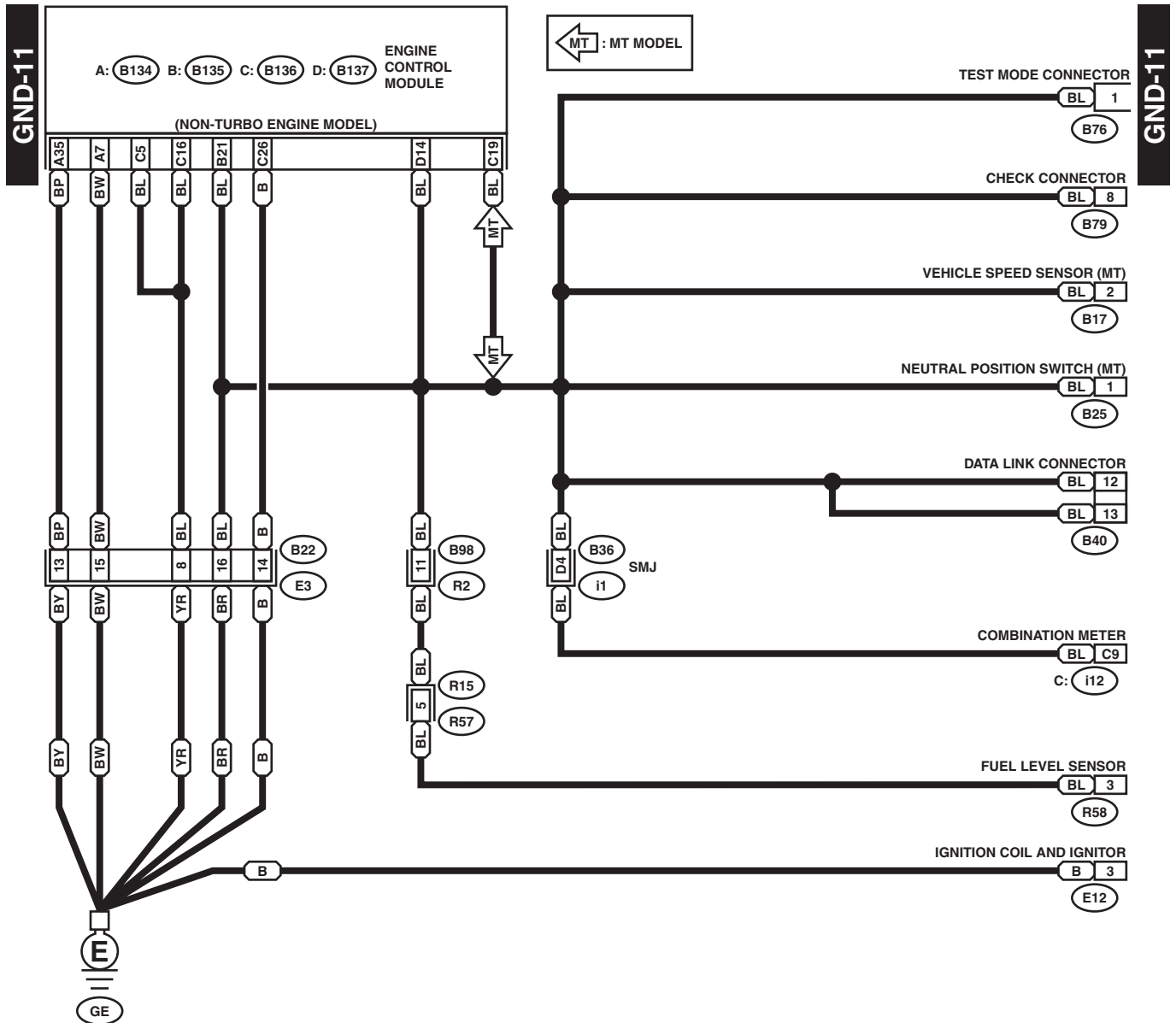
GND-10

GND-10



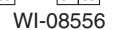
GROUND DISTRIBUTION

WIRING SYSTEM



WI-06758

WIRING SYSTEM

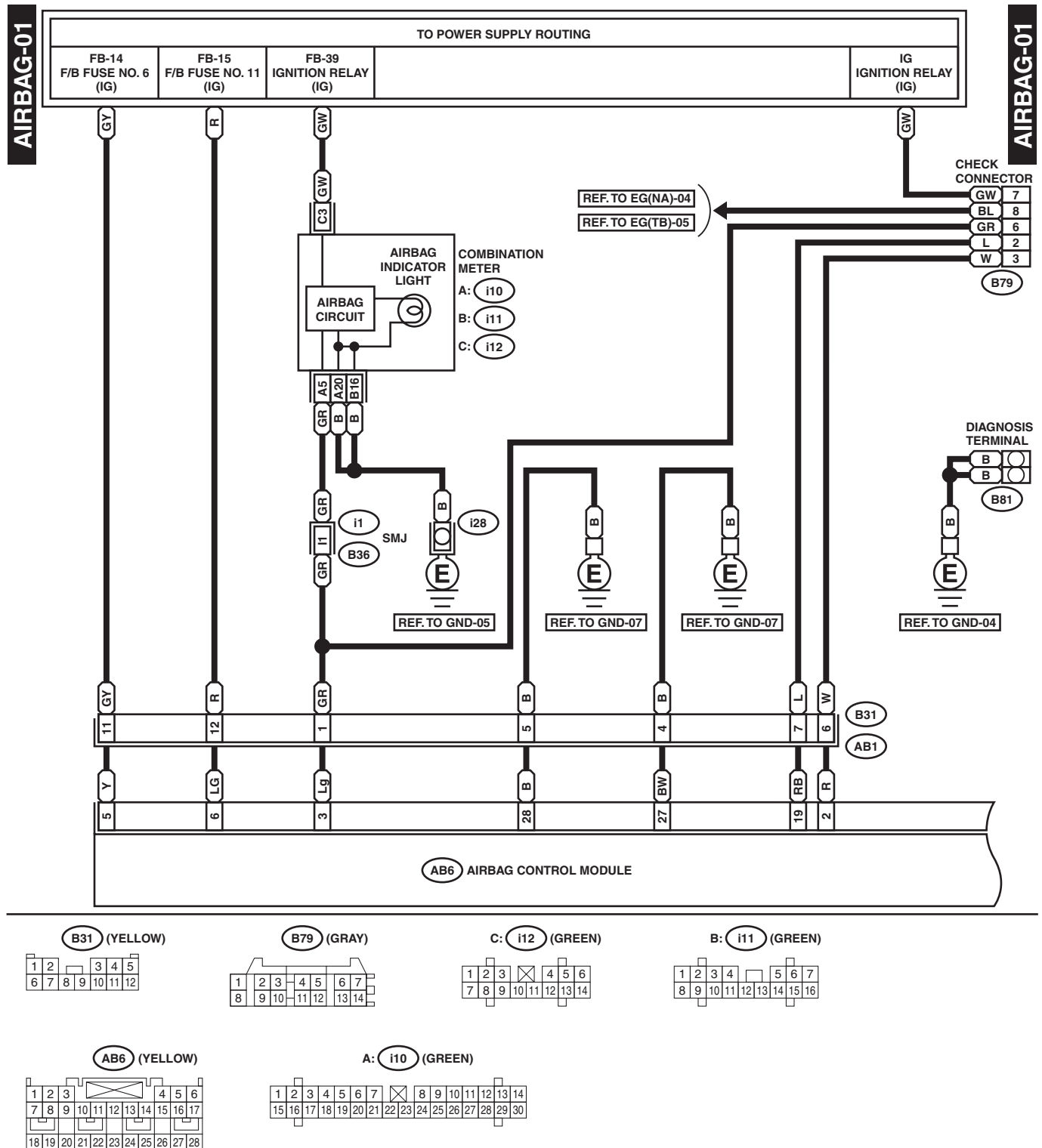


WIRING SYSTEM

6. Airbag System

A: SCHEMATIC

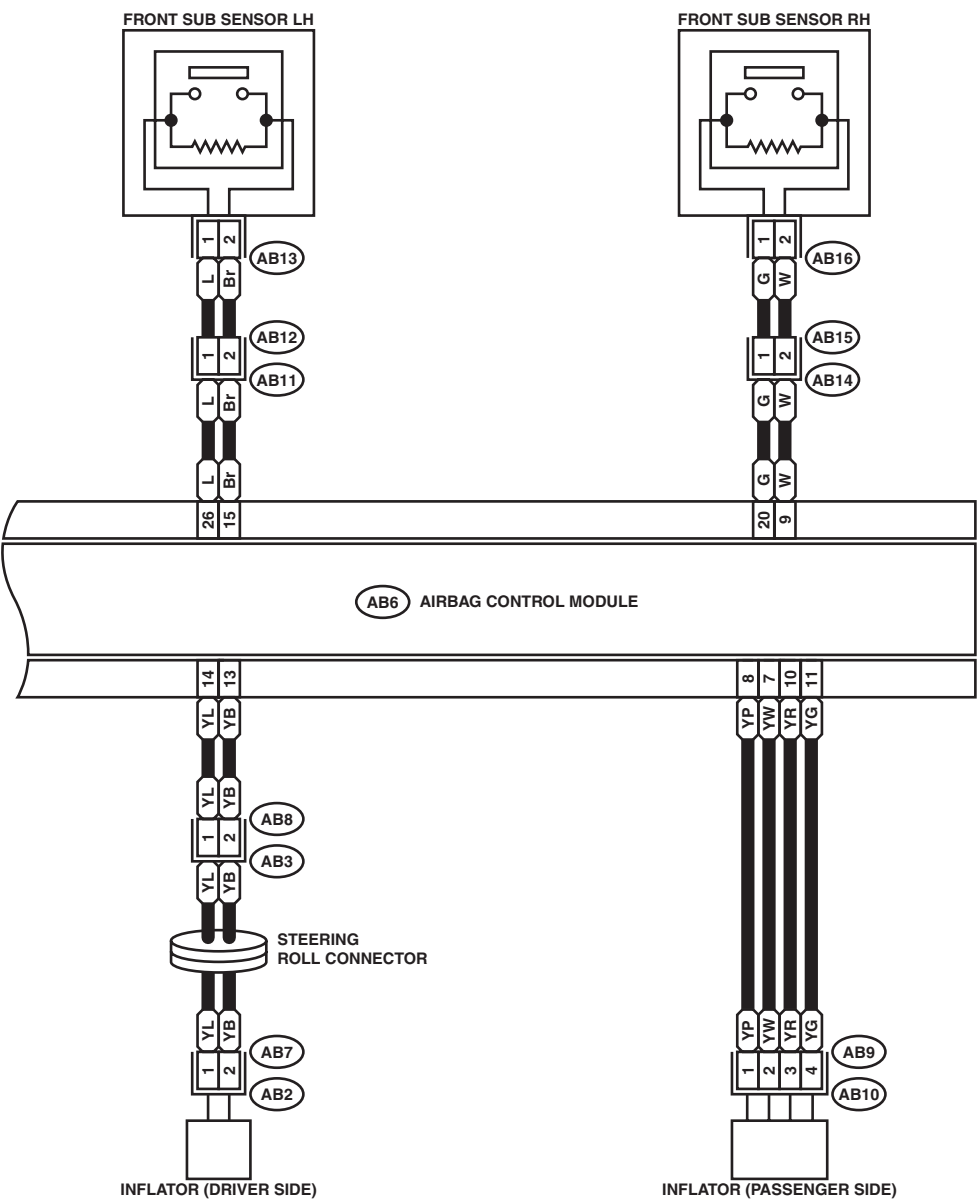
A: SCHEMATIC



WI-08557

AIRBAG-02

AIRBAG-02



- AB7 (YELLOW)
- AB8 (YELLOW)
- AB12 (BLUE)
- AB15 (BLUE)
- 1 2

- AB13 (YELLOW)
- AB16 (YELLOW)
- 1 2

- AB9 (YELLOW)
- 1 2 3 4

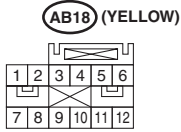
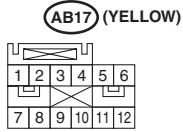
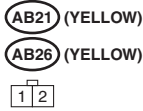
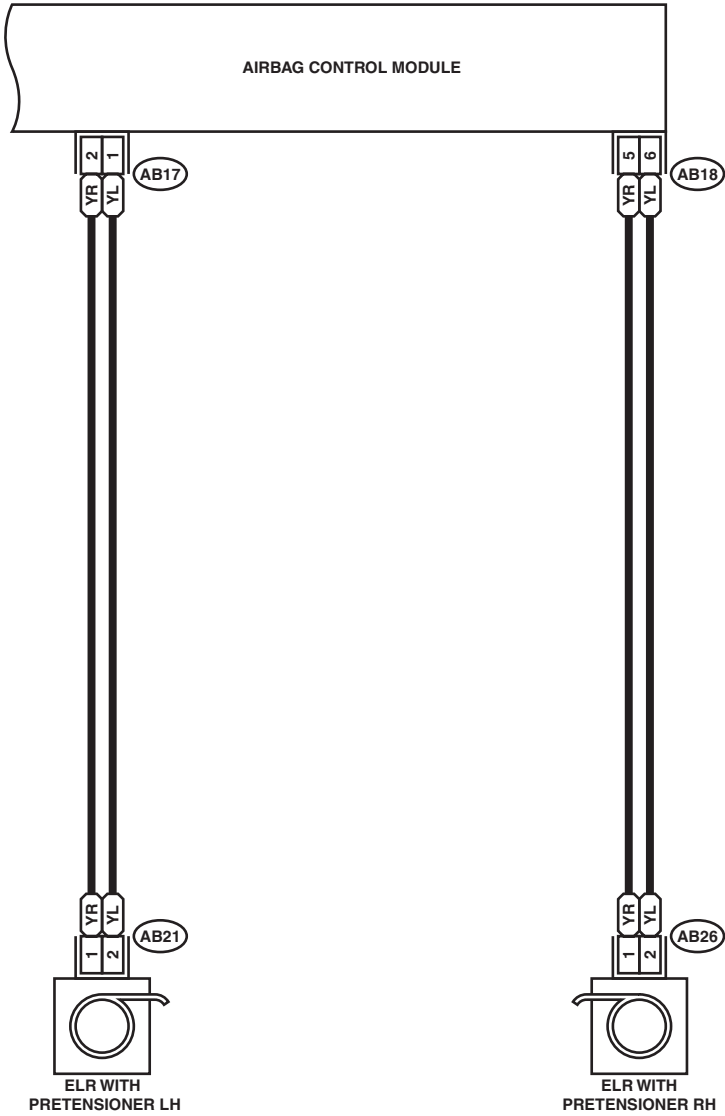
- AB6 (YELLOW)
- 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

AIRBAG SYSTEM

WIRING SYSTEM

AIRBAG-03

AIRBAG-03



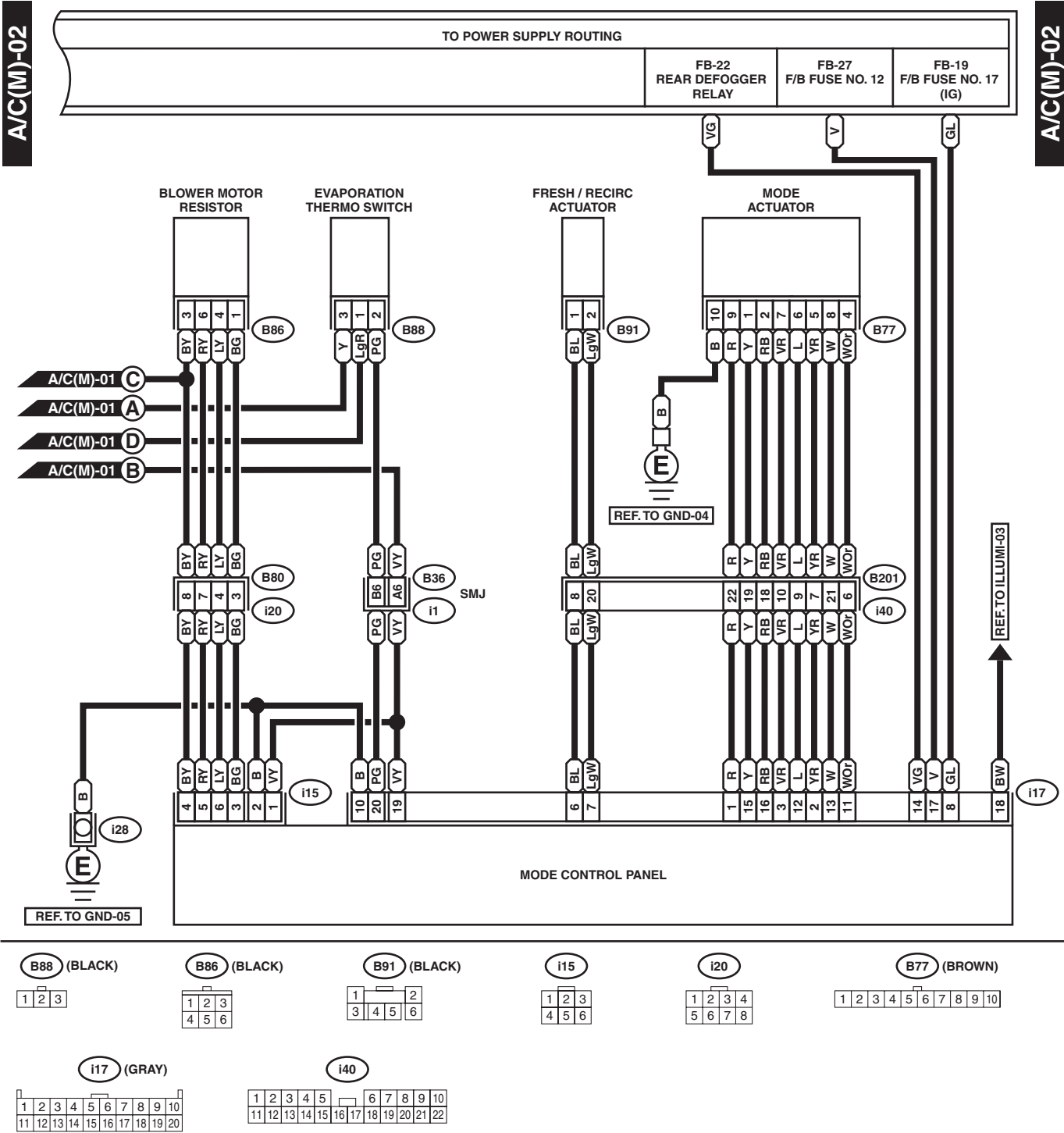
WI-06760

MEMO:

A: SCHEMATIC

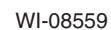
1. NON-TURBO ENGINE MODEL WITH MANUAL A/C





WIRING SYSTEM

A/C(M)TB-01

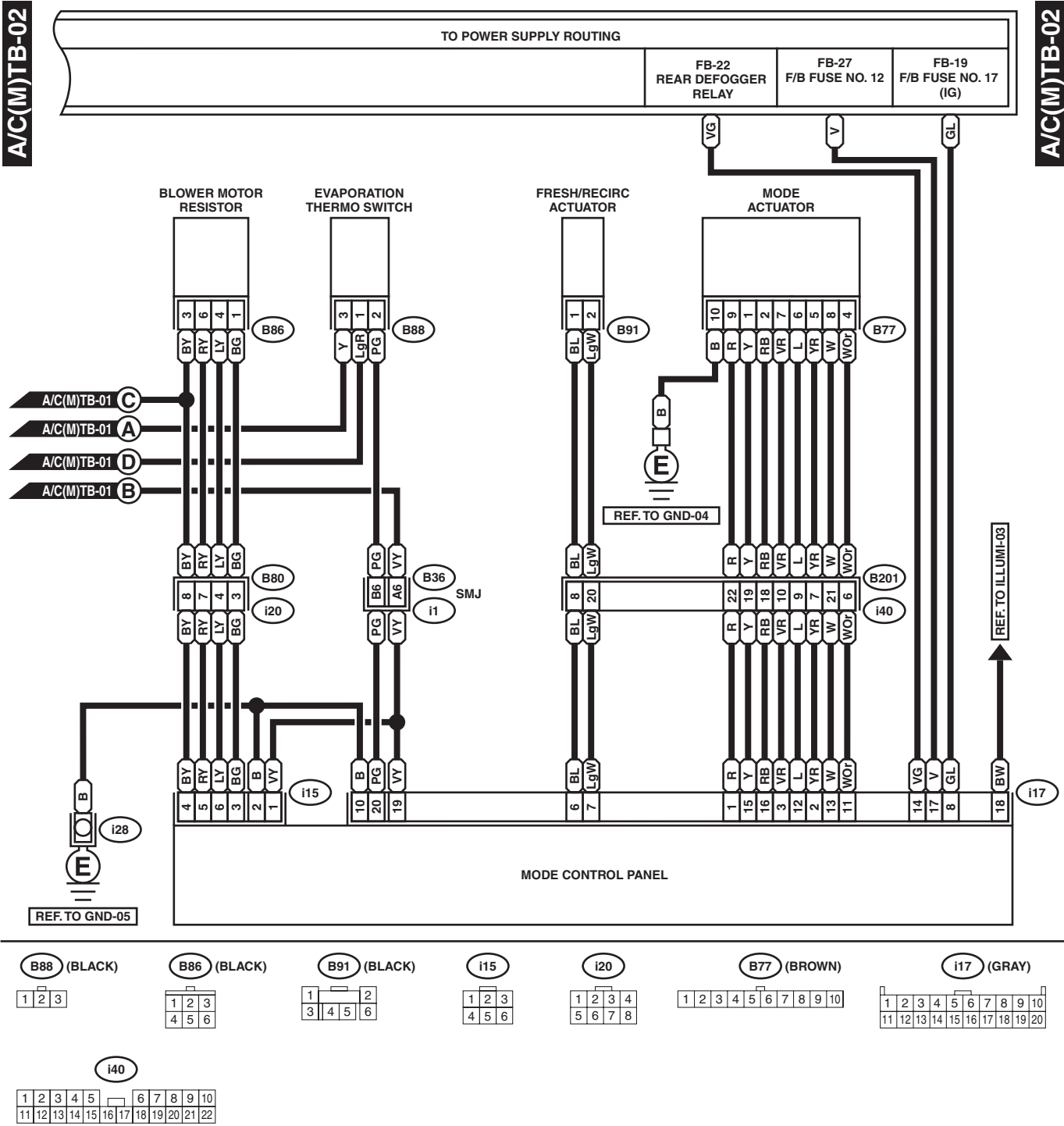


AIR CONDITIONING SYSTEM

WIRING SYSTEM

A/C(M)TB-02

A/C(M)TB-02



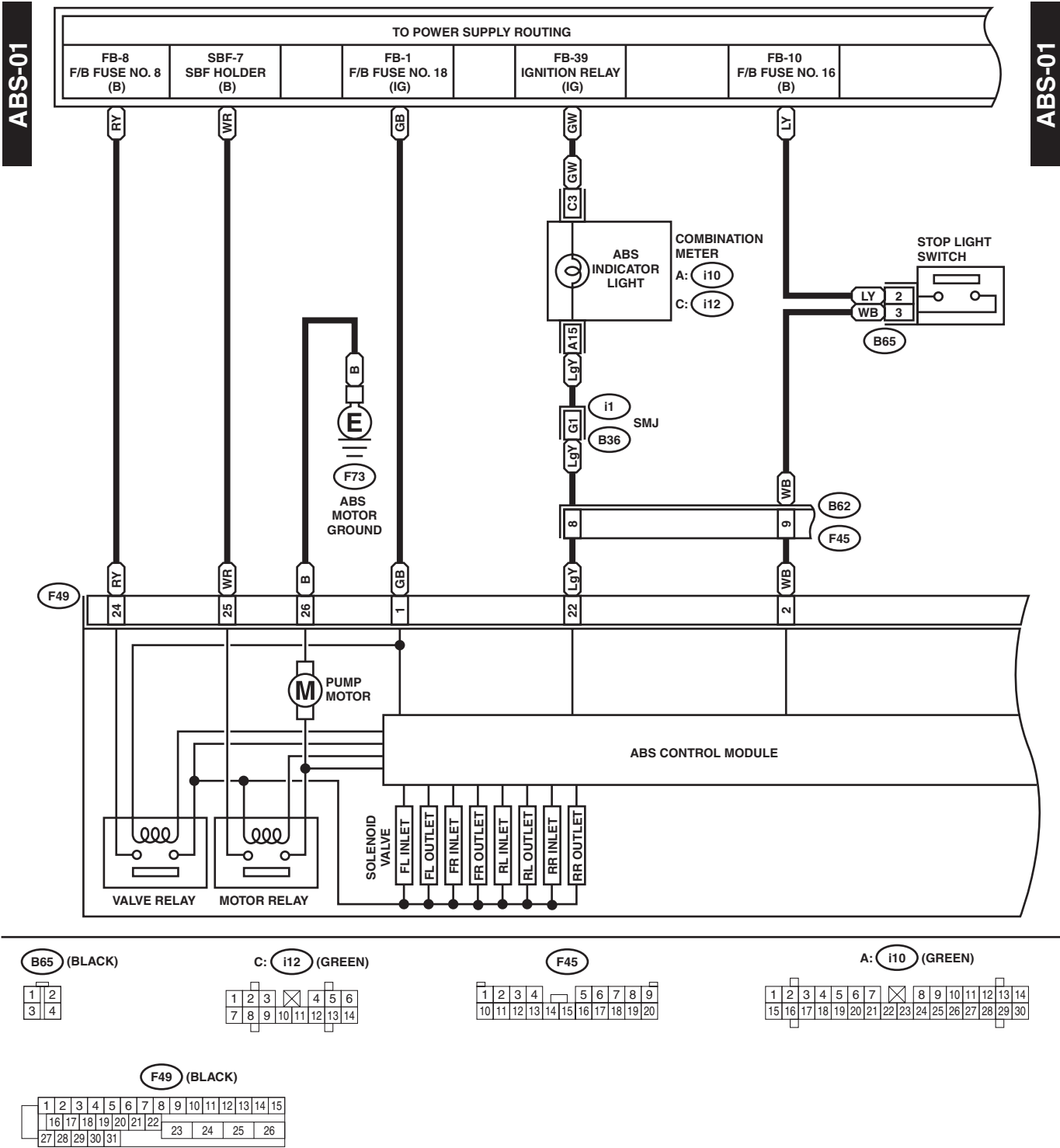
WI-08560

ANTI-LOCK BRAKE SYSTEM

WIRING SYSTEM

8. Anti-lock Brake System

A: SCHEMATIC



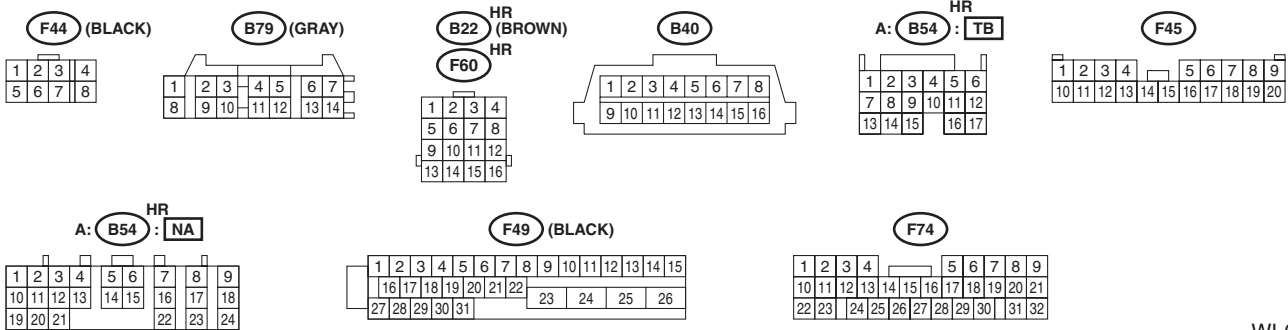
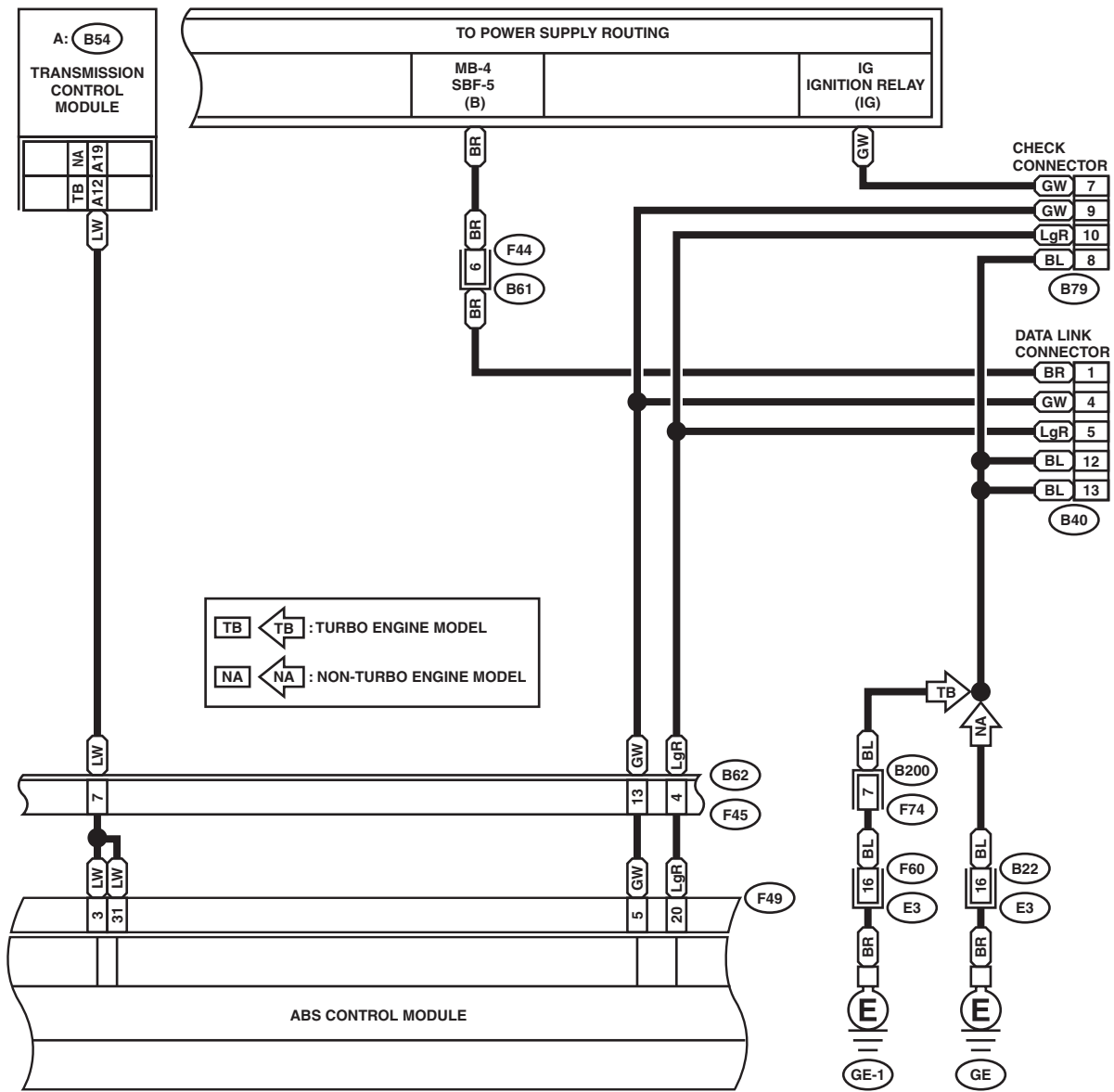
WI-05806

ANTI-LOCK BRAKE SYSTEM

WIRING SYSTEM

ABS-02

ABS-02



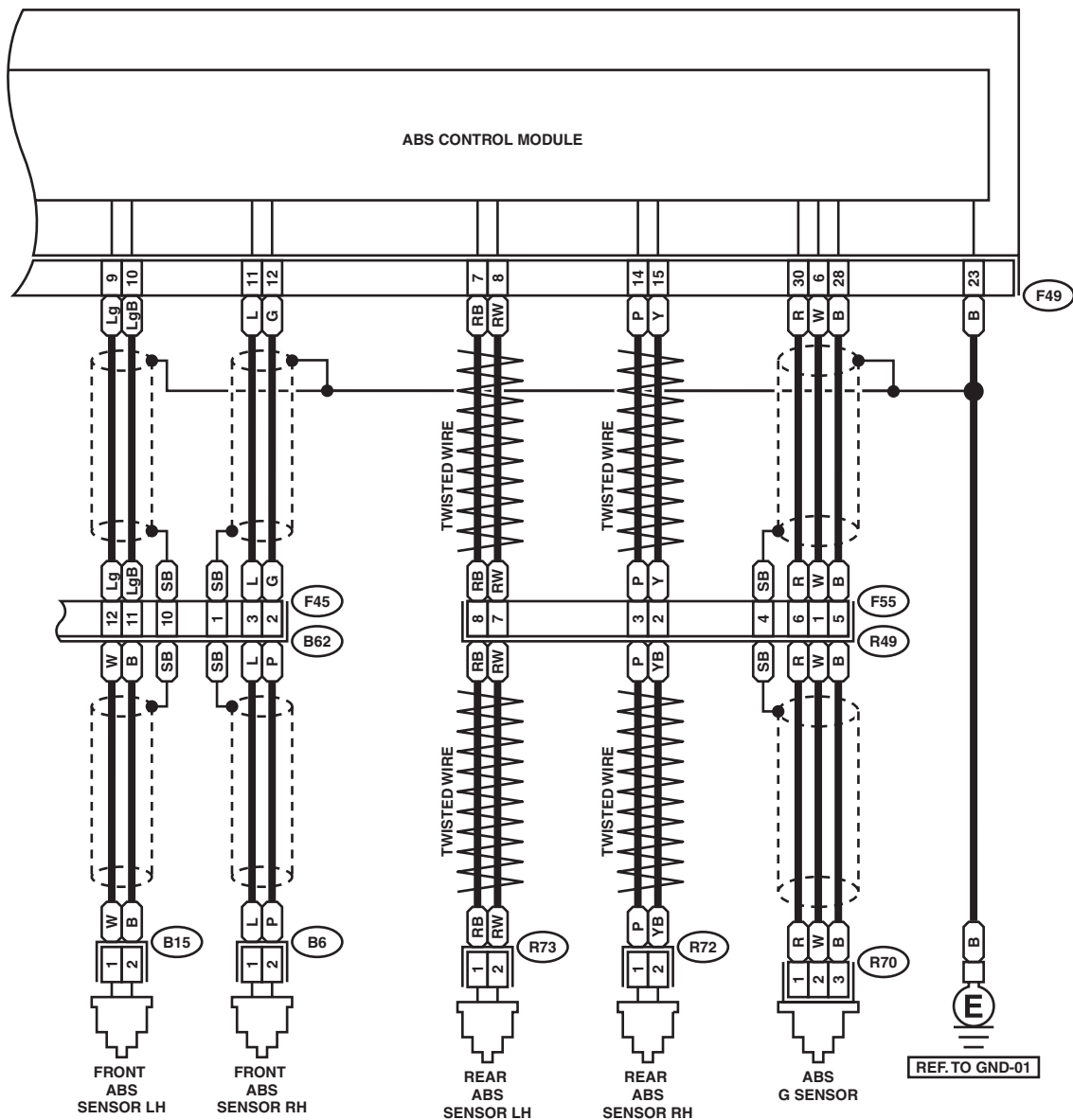
WI-08561

ANTI-LOCK BRAKE SYSTEM

WIRING SYSTEM

ABS-03

ABS-03



B6 : (BROWN)

B15 : (BROWN)

R72 (GRAY)

R73 (GRAY)

2 1

R70^{HR} (BLACK)

1 2 3

F55

1 2 3 4 5 6 7 8

F45

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

F49 (BLACK)

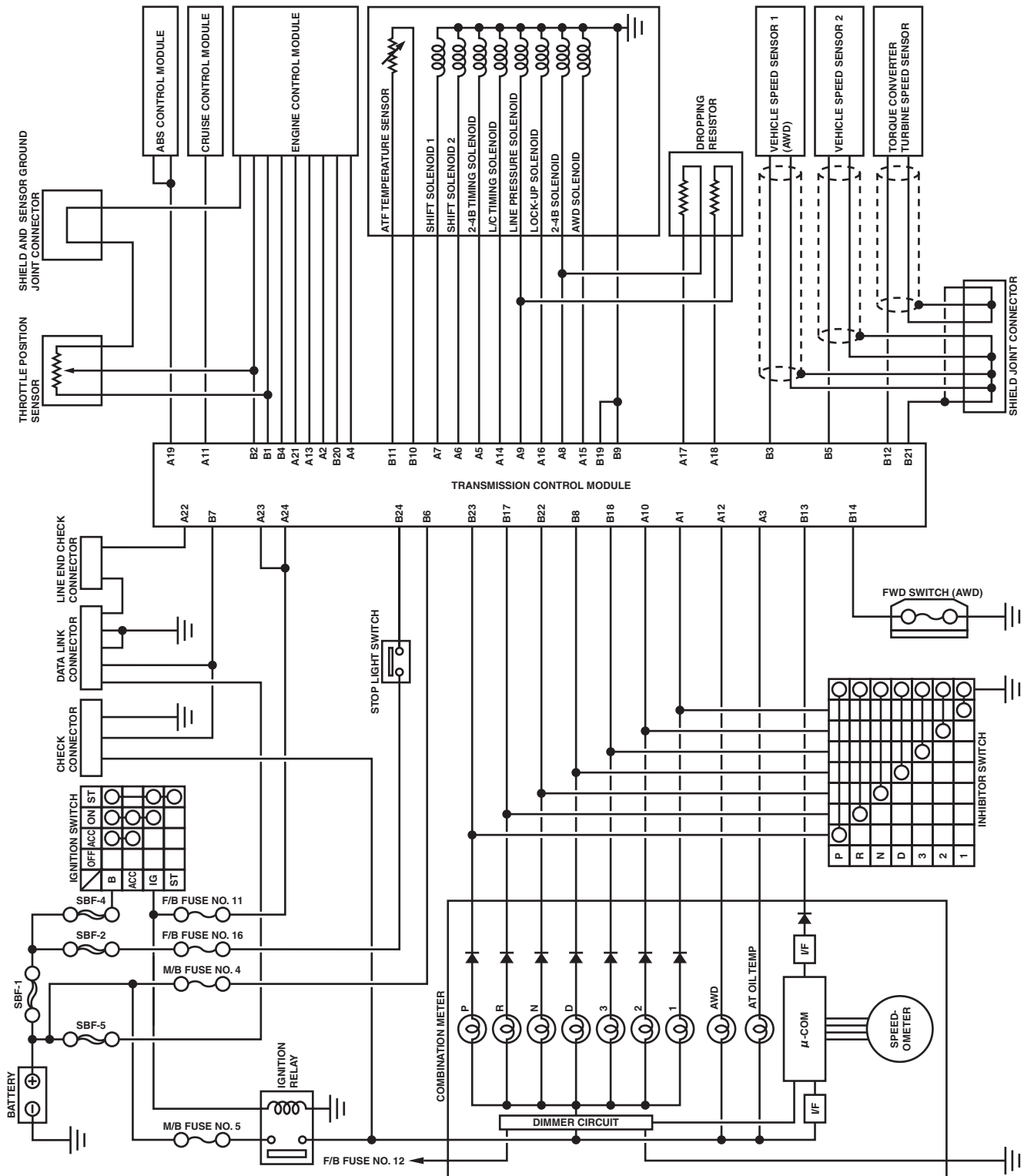
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

MEMO:

9. AT Control System

A: SCHEMATIC

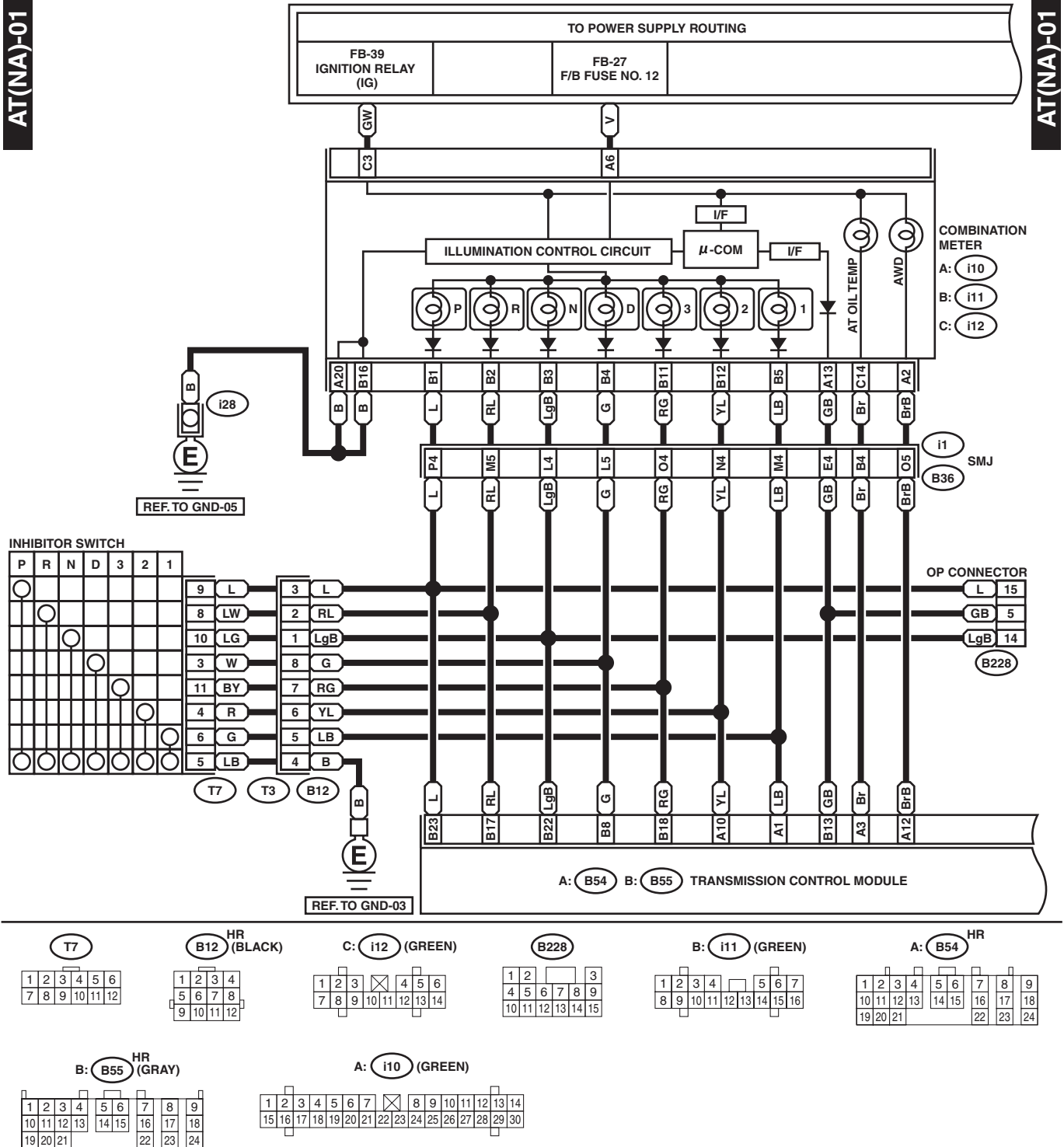
1. NON-TURBO ENGINE MODEL



WI-08594

AT(NA)-01

AT(NA)-01



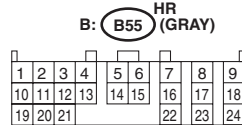
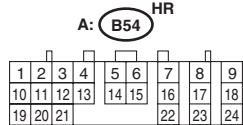
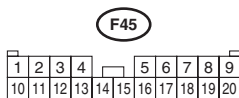
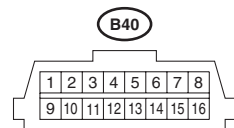
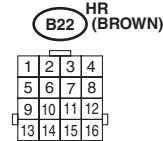
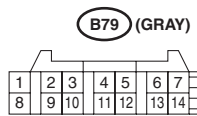
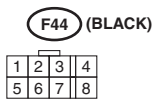
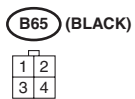
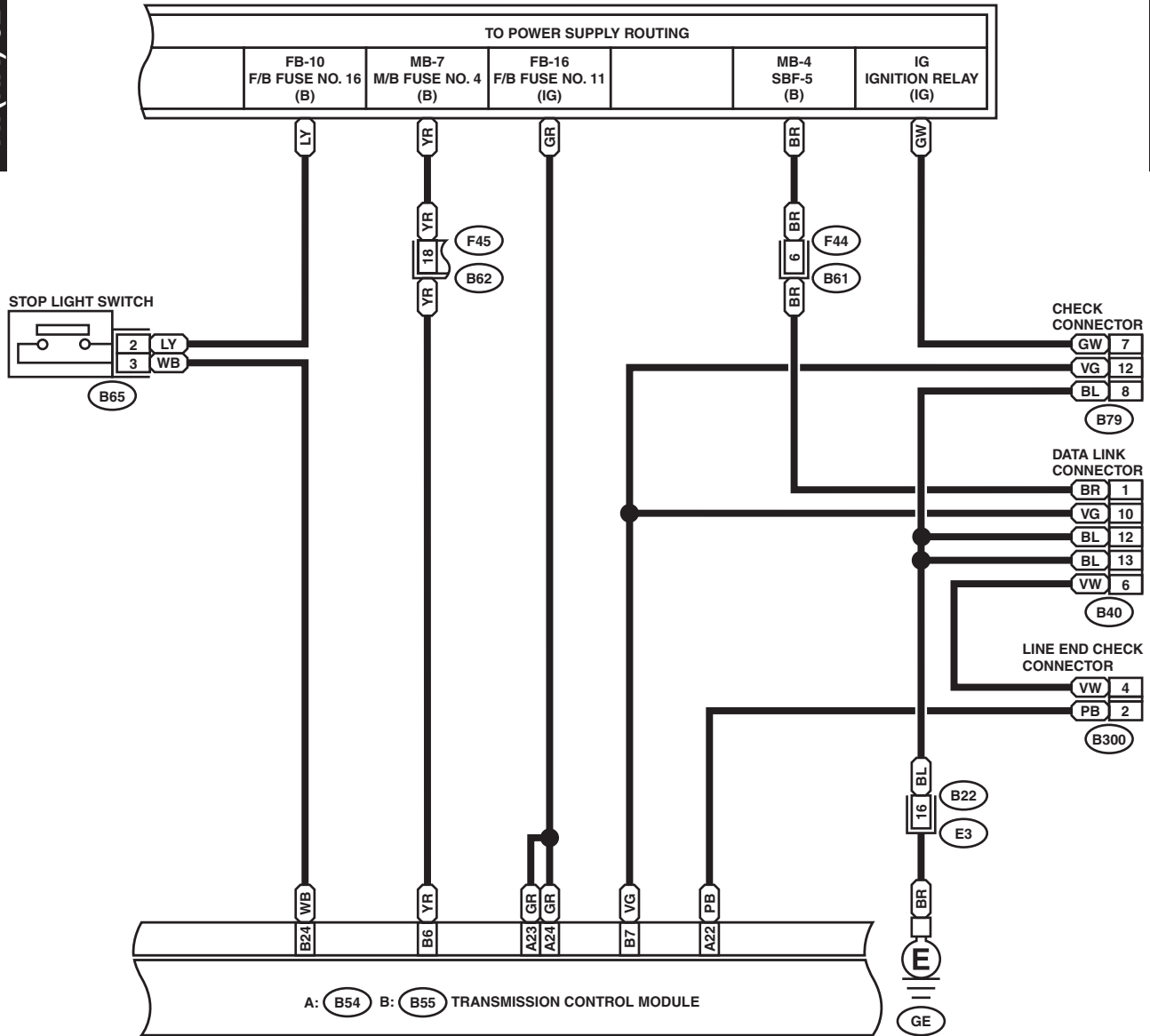
WI-08595

AT CONTROL SYSTEM

WIRING SYSTEM

AT(NA)-02

AT(NA)-02



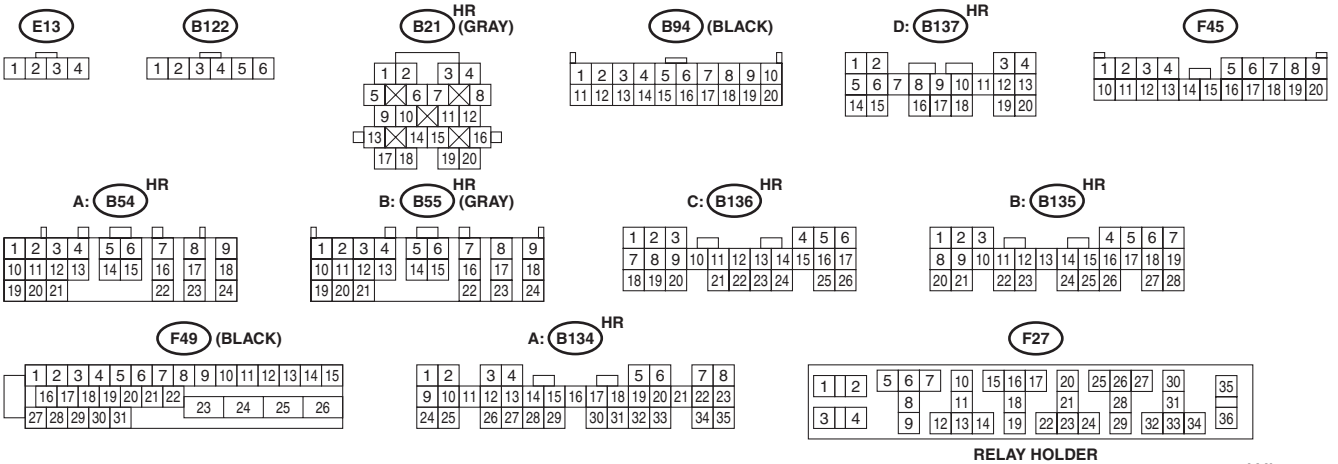
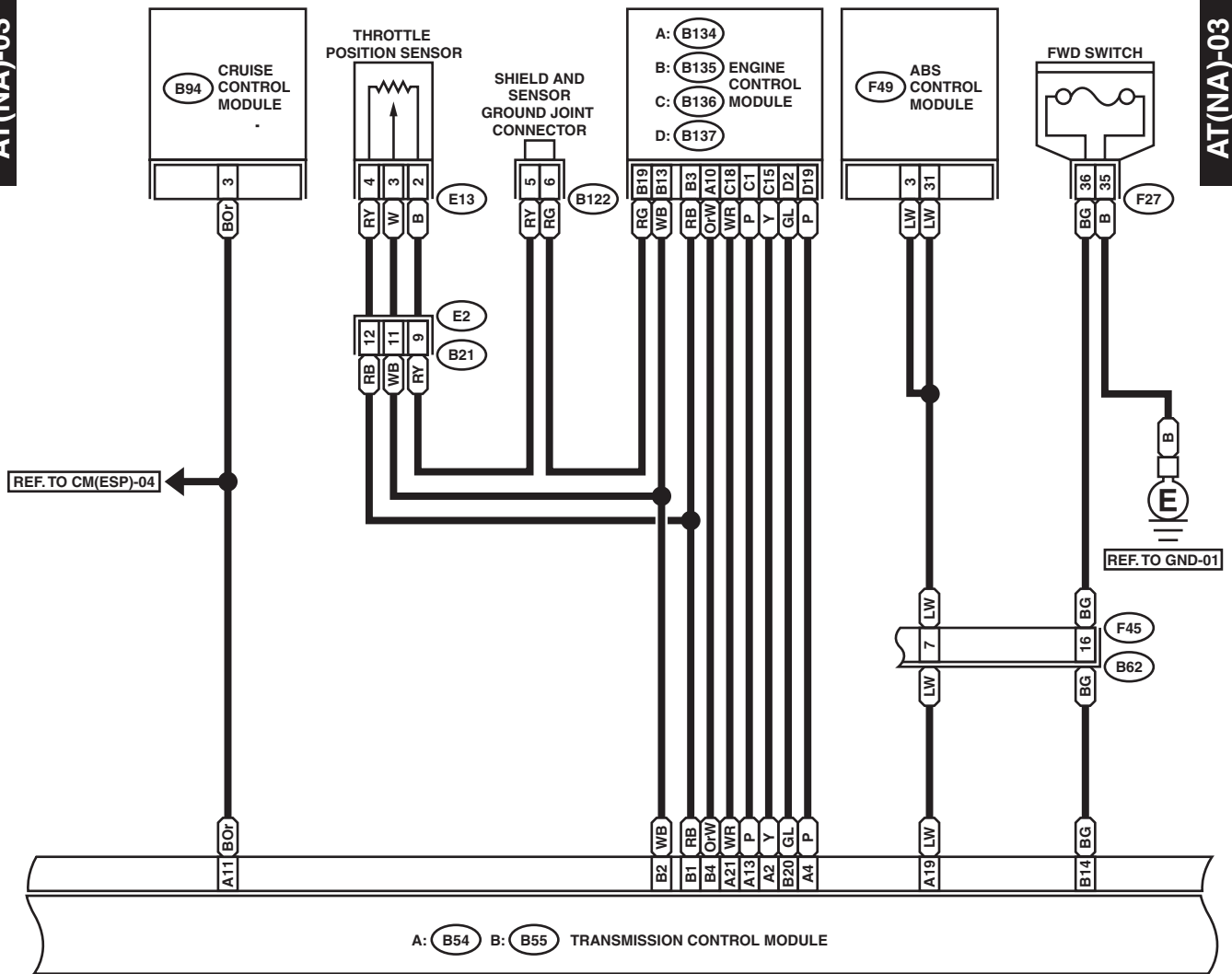
WI-06766

AT CONTROL SYSTEM

WIRING SYSTEM

AT(NA)-03

AT(NA)-03

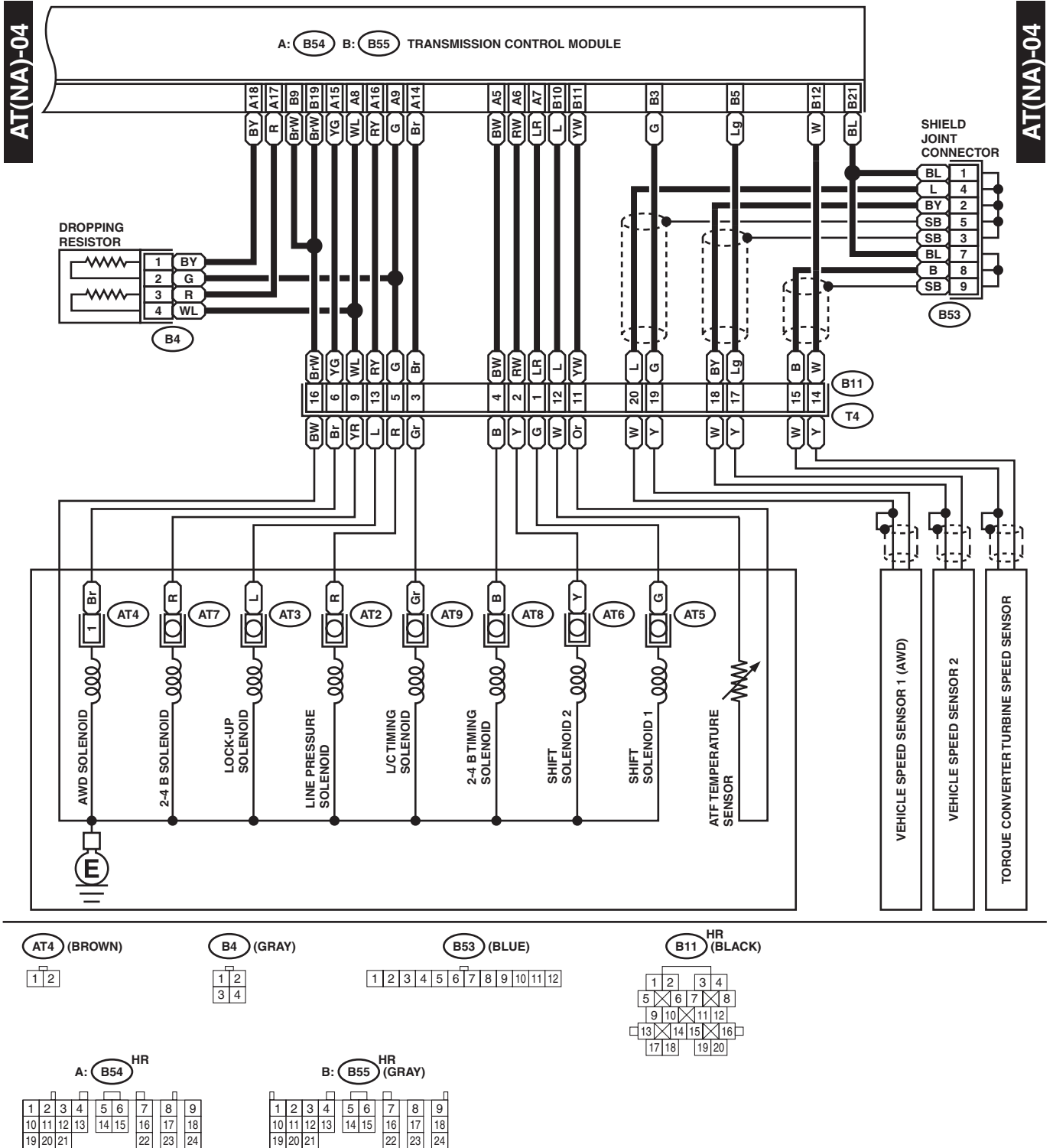


RELAY HOLDER

WI-08596

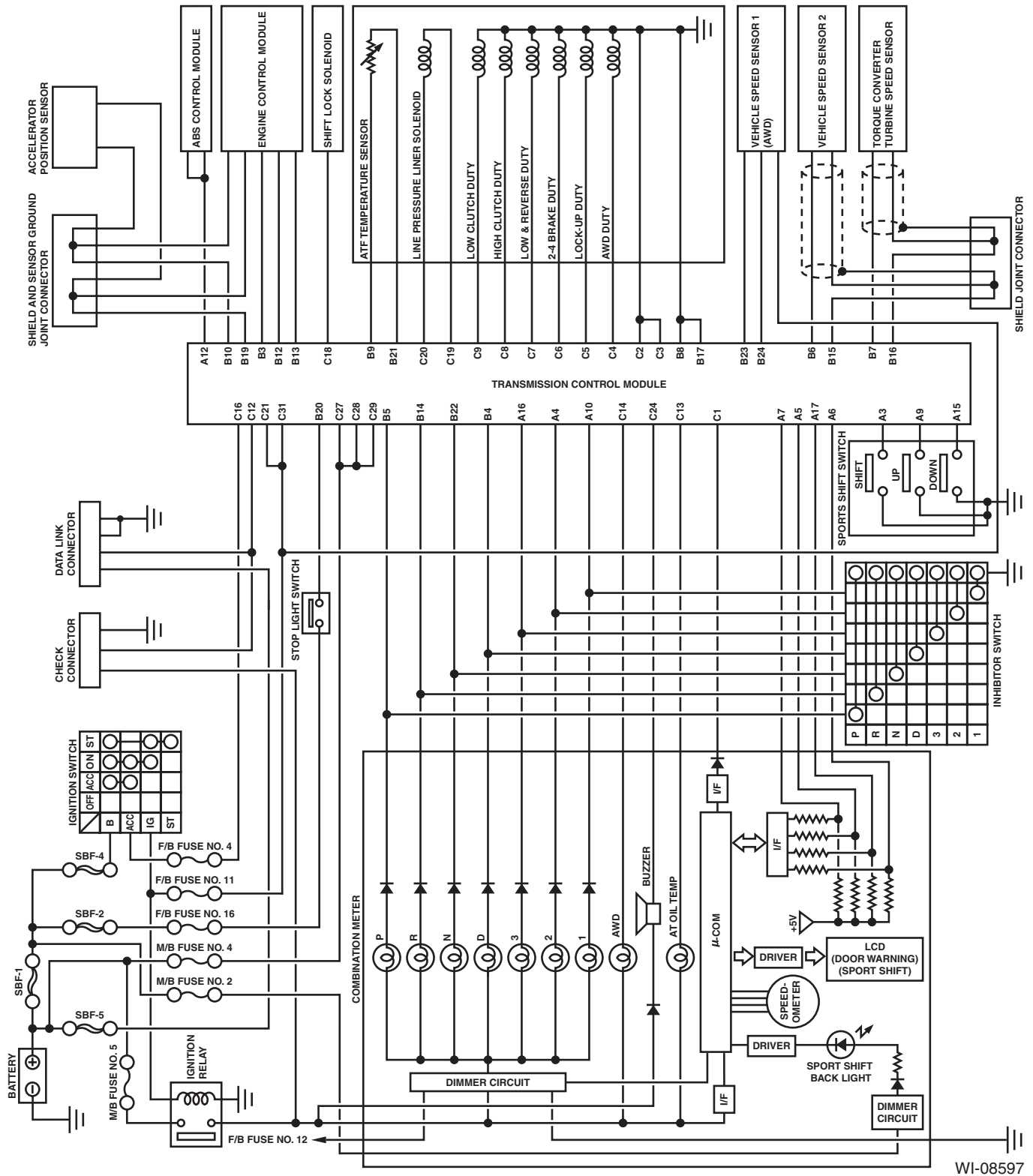
AT CONTROL SYSTEM

WIRING SYSTEM



WI-06768

2. TURBO ENGINE MODEL

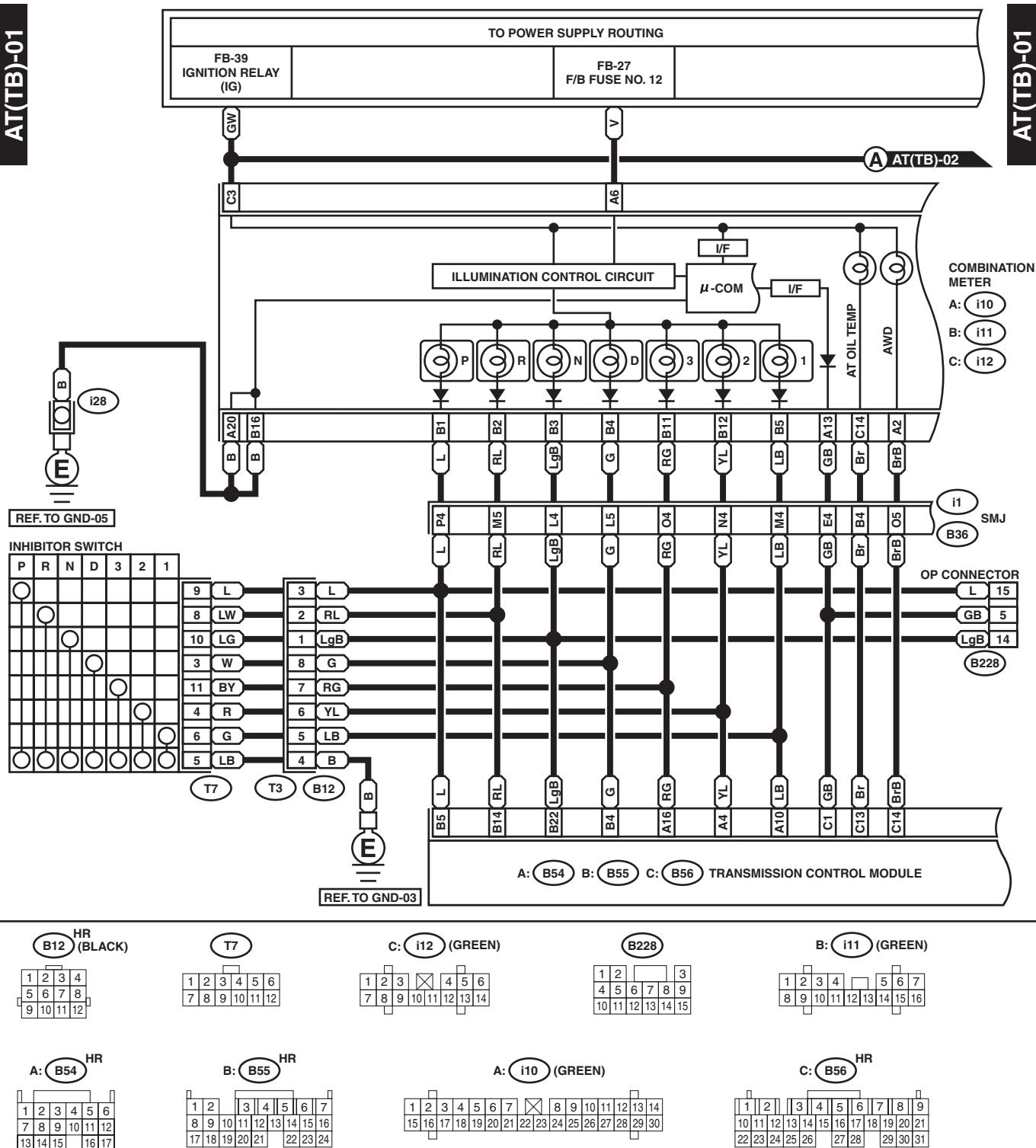


WI-08597

WIRING SYSTEM

AT(TB)-01

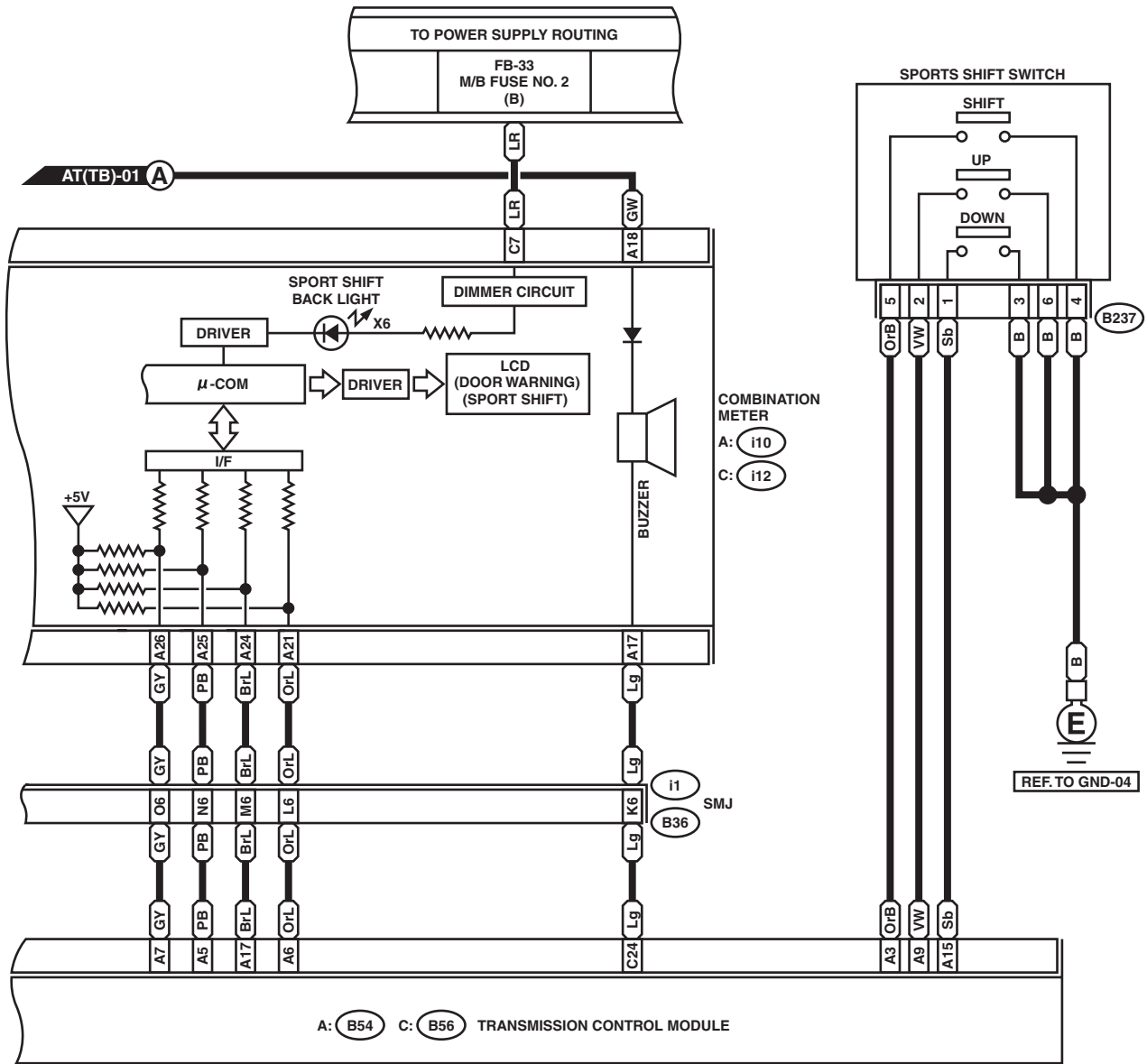
AT(TB)-01



WI-08598

AT(TB)-02

AT(TB)-02



B237 (BLACK)

1	2
3	4

C: i12 (GREEN)

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

A: B54 HR

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

A: i10 (GREEN)

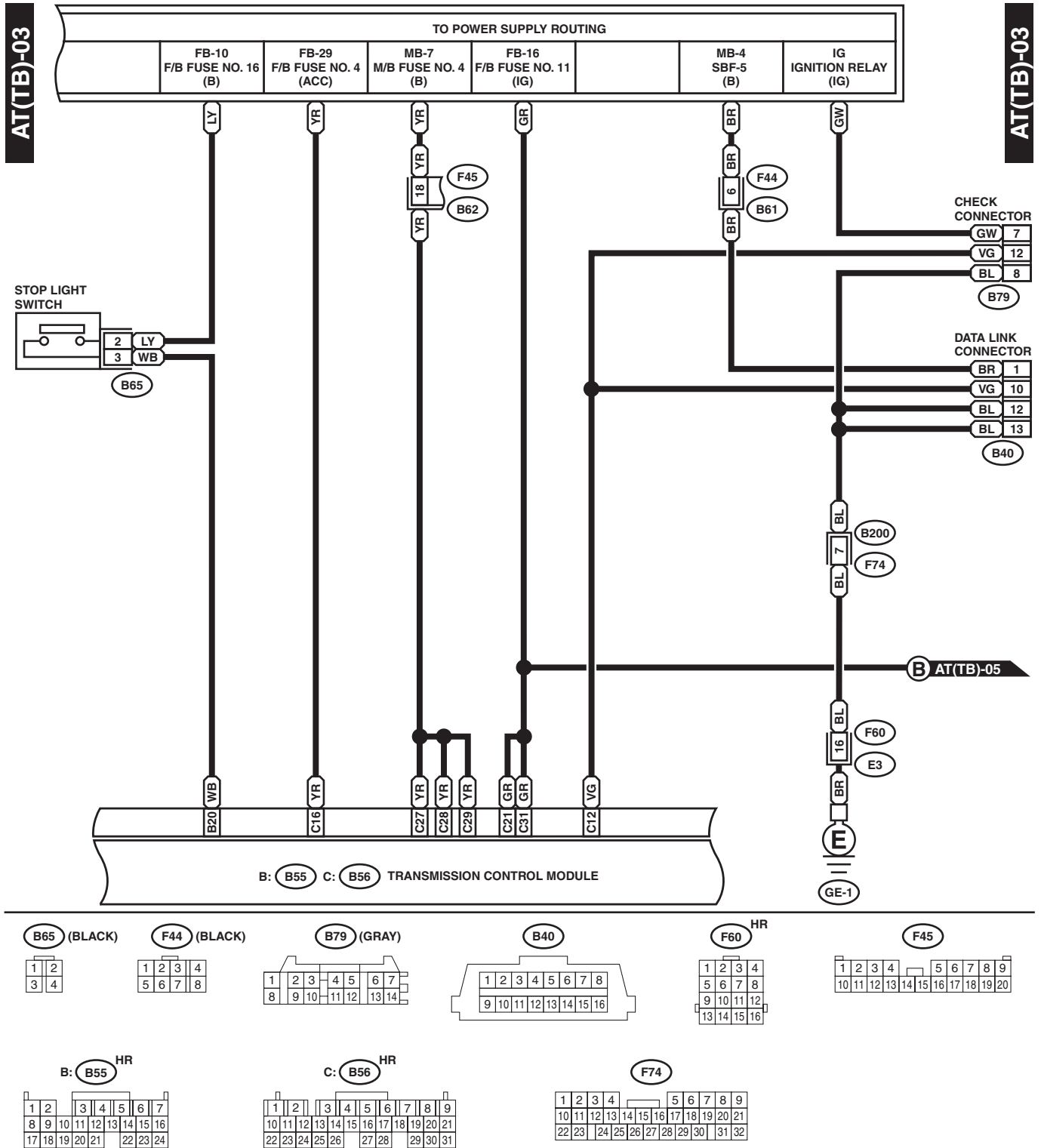
1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30												

C: B56 HR

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					

AT CONTROL SYSTEM

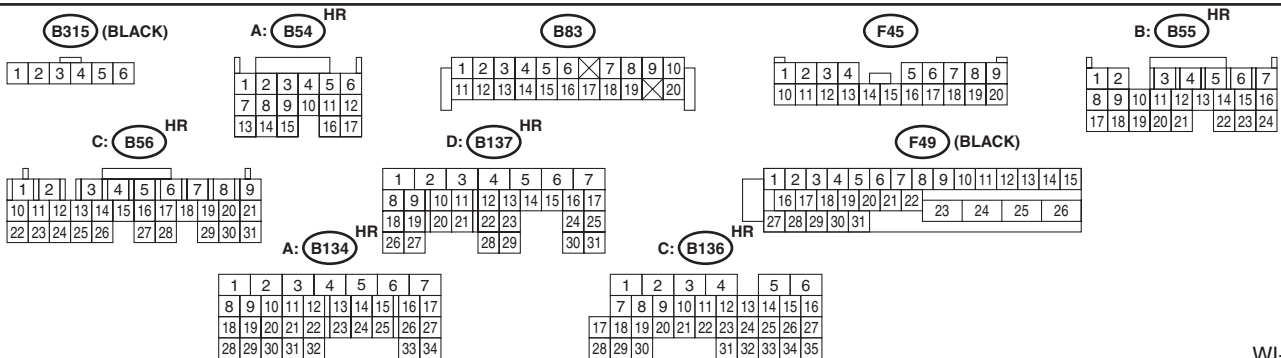
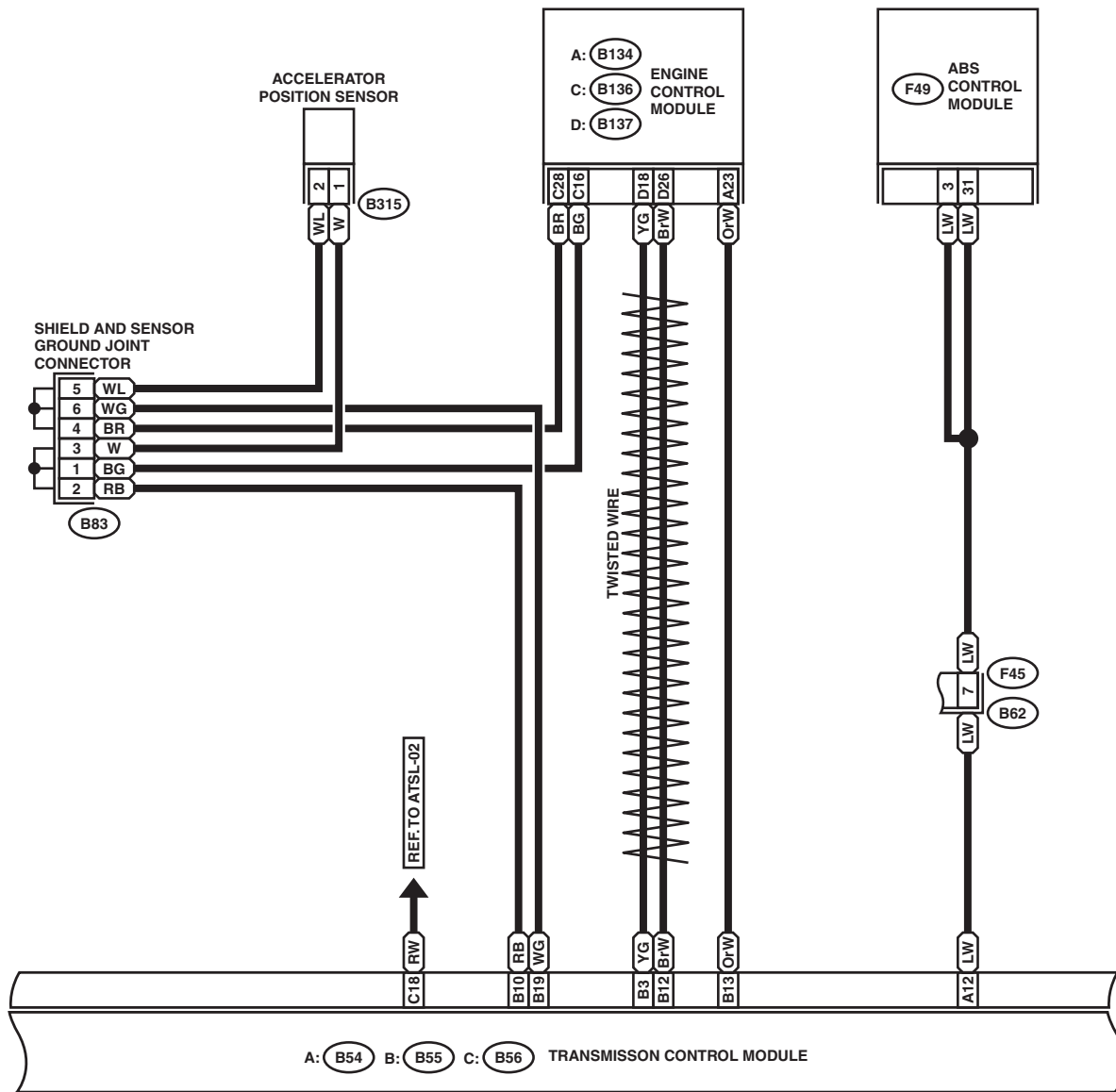
WIRING SYSTEM



WI-08600

AT(TB)-04

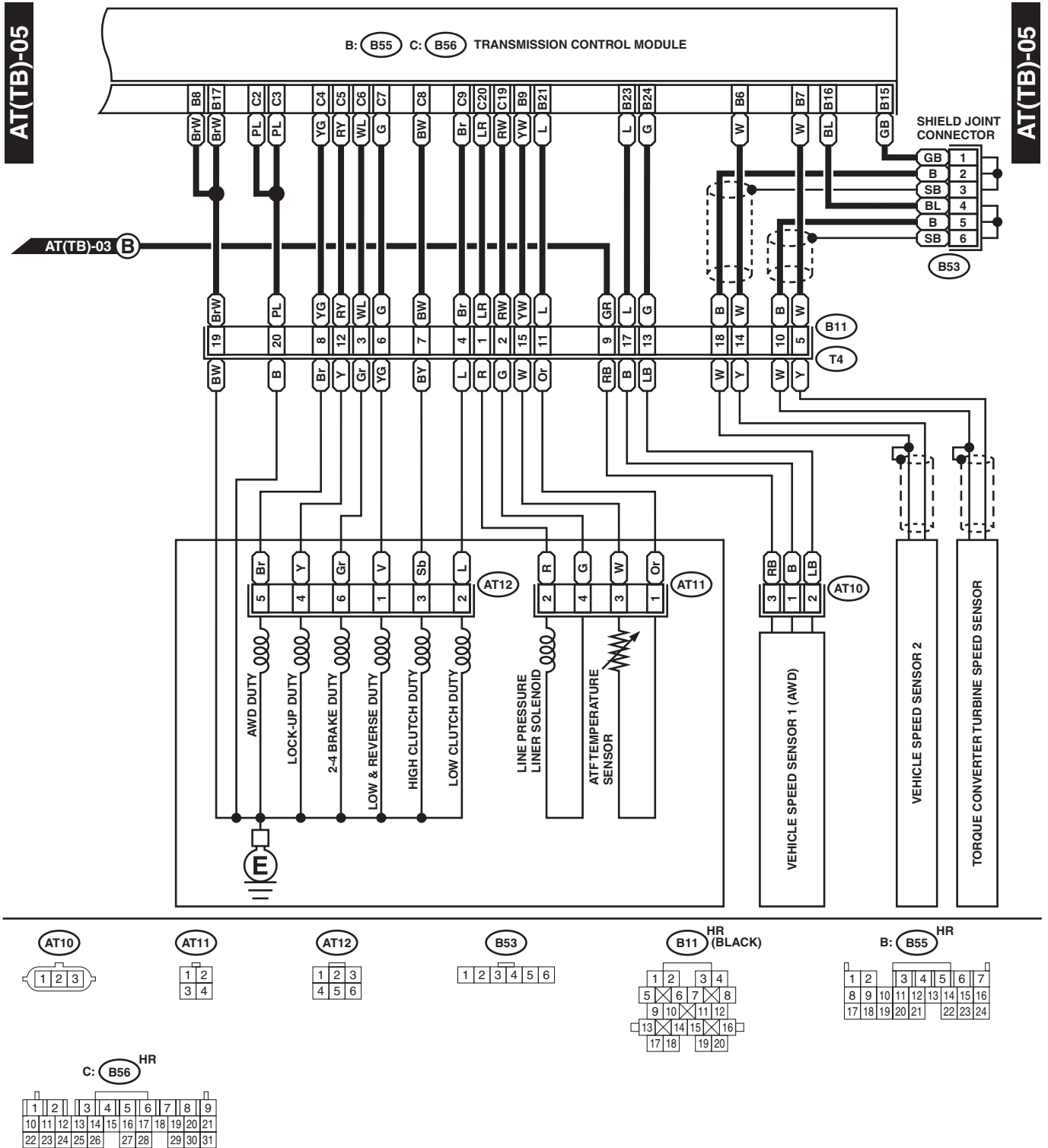
AT(TB)-04



WI-08601

AT CONTROL SYSTEM

WIRING SYSTEM



WI-08602

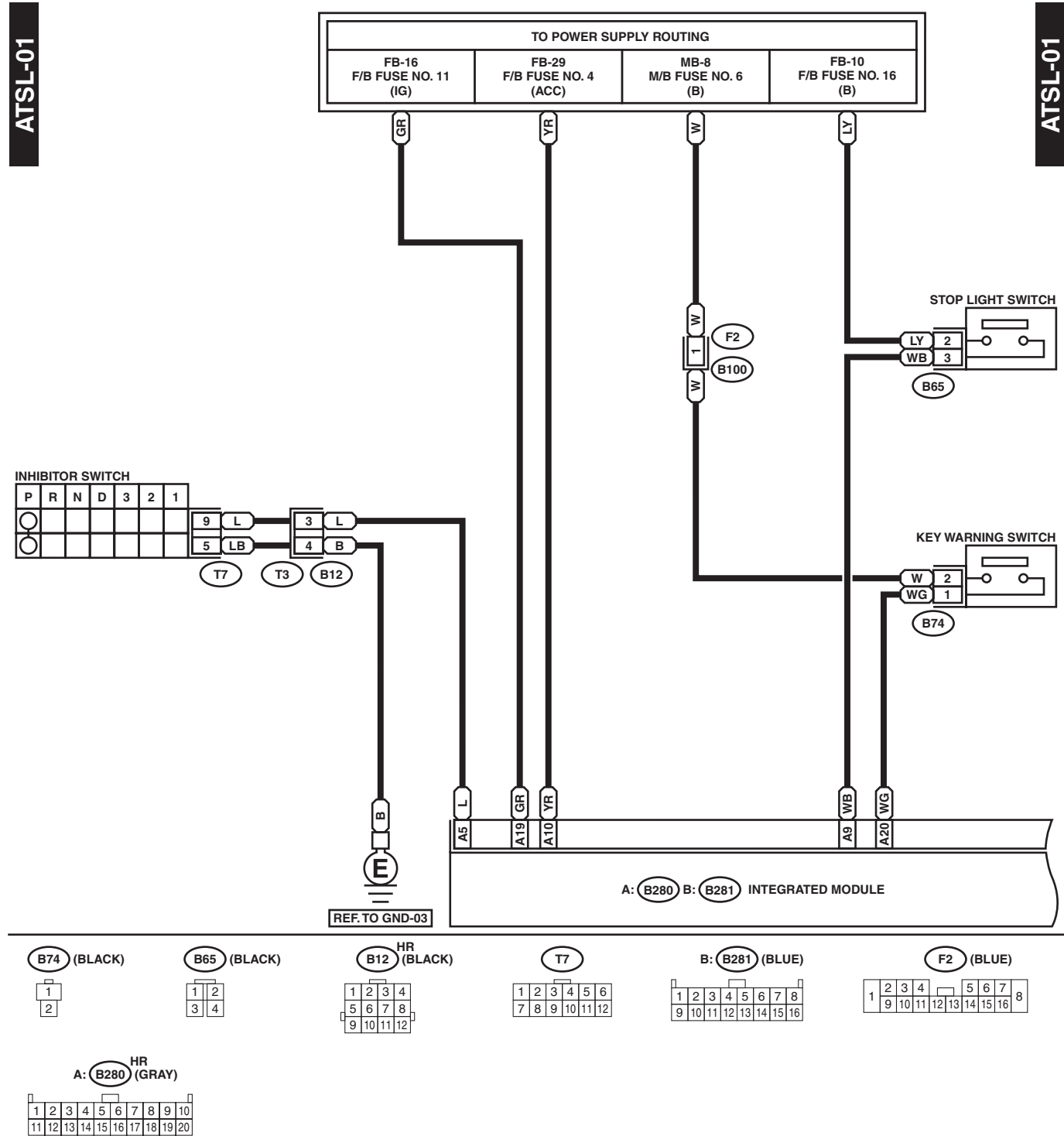
MEMO:

AT SHIFT LOCK CONTROL SYSTEM

WIRING SYSTEM

10.AT Shift Lock Control System

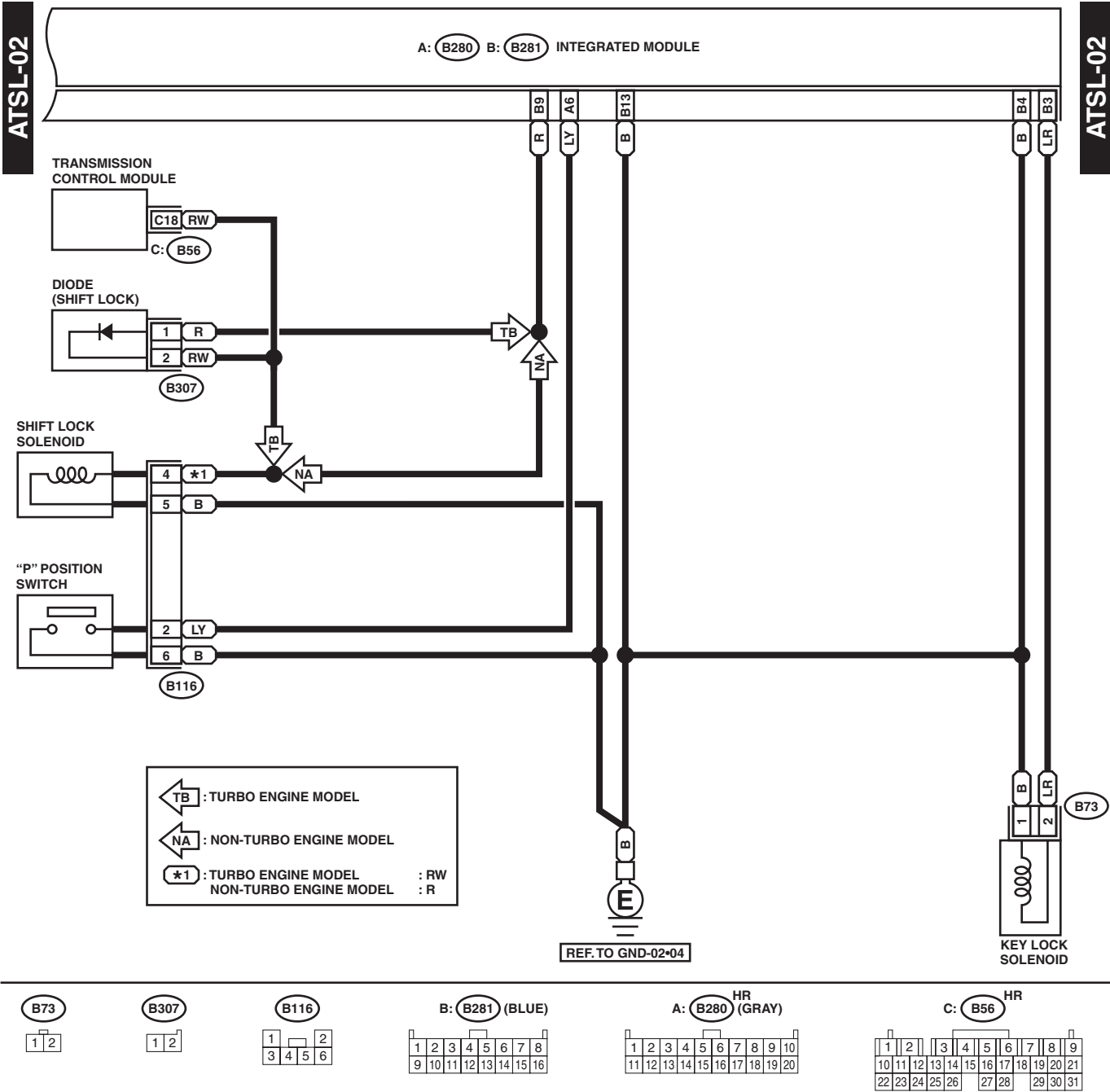
A: SCHEMATIC



WI-08562

AT SHIFT LOCK CONTROL SYSTEM

WIRING SYSTEM

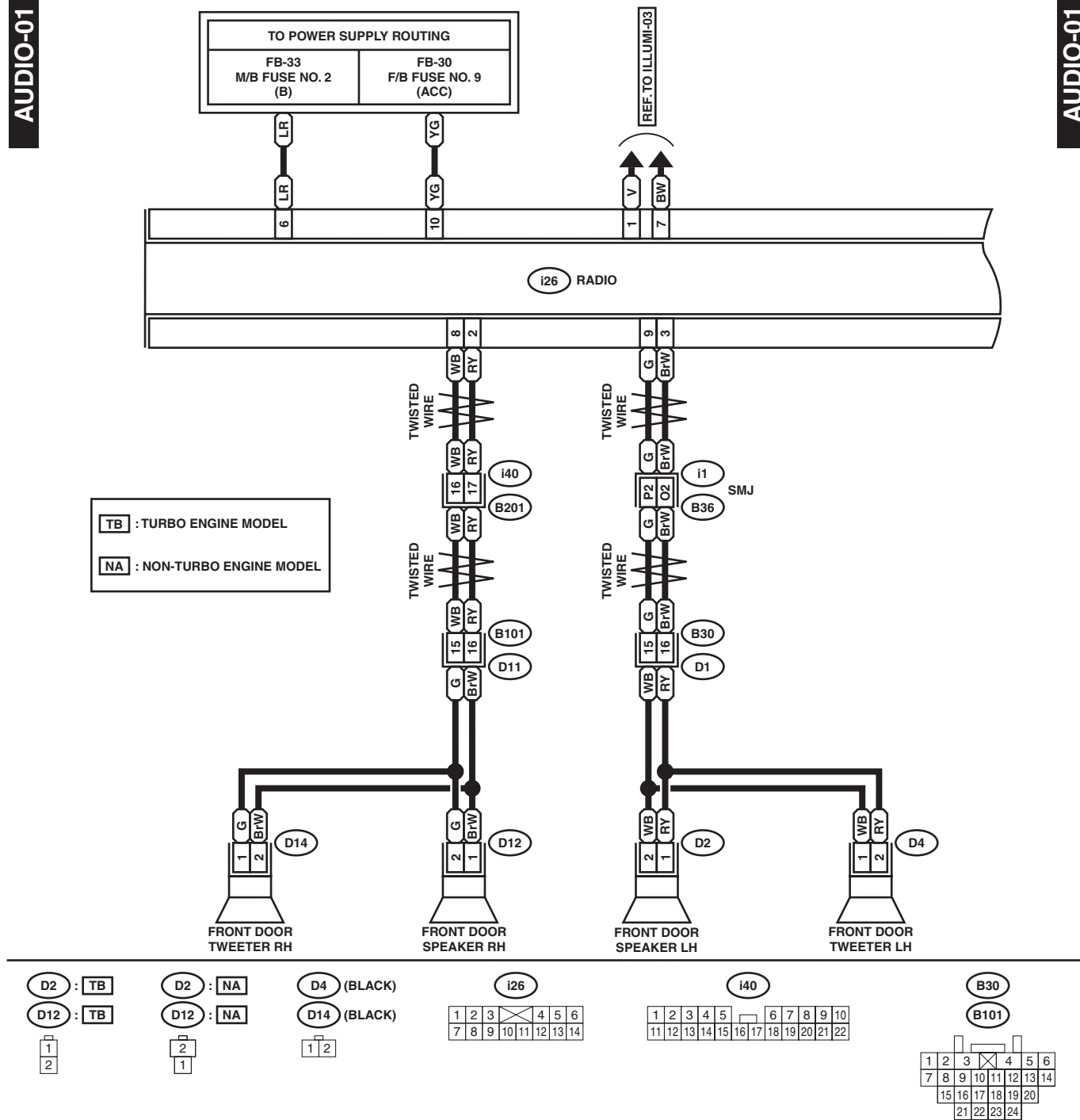


WI-06775

A: SCHEMATIC

AUDIO-01

AUDIO-01

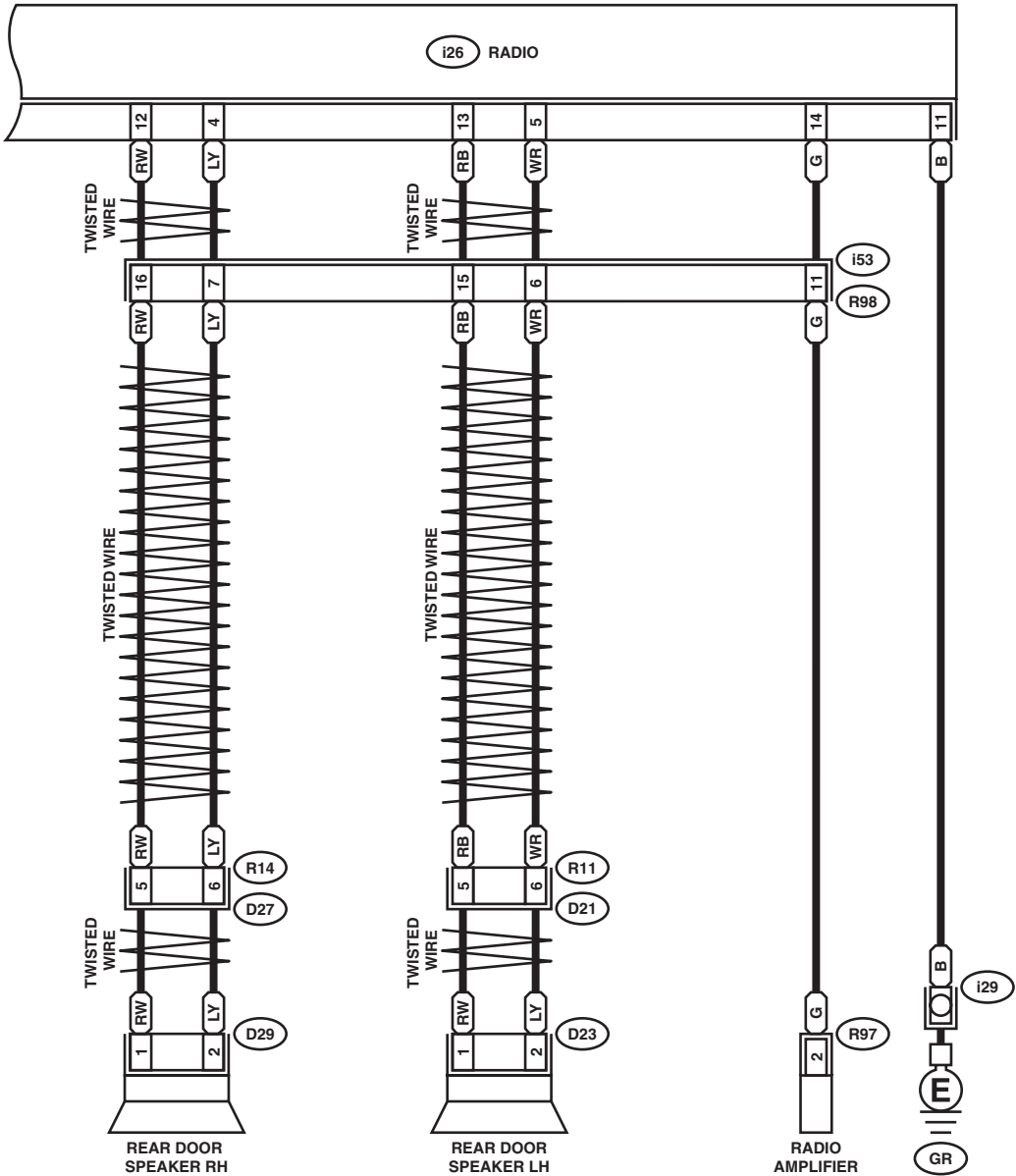


AUDIO SYSTEM

WIRING SYSTEM

AUDIO-02

AUDIO-02



D23 (BLACK)
D29 (BLACK)
1
2

R97
2
1

R11
R14
1
4
5
6
7
8

i26

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

R98 (BLUE)

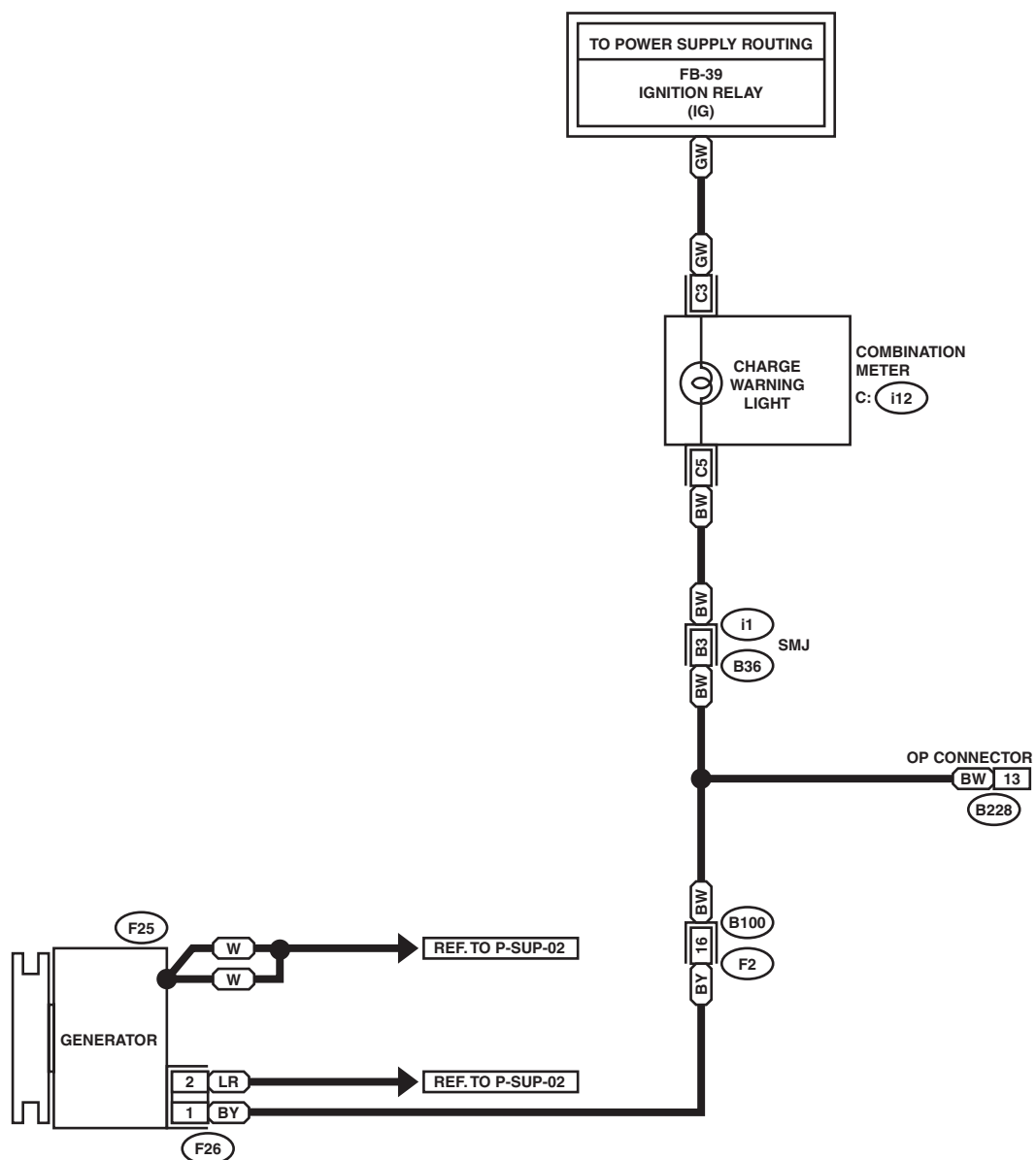
1	2	3	4		5	6	7	8
	9	10	11	12	13	14	15	16

WI-08564

A: SCHEMATIC

CHARGE-01

CHARGE-01



F26 (GREEN)

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

C: **i12** (GREEN)

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

A 3x5 grid with a circled 'B228' above it. The grid contains numbers 1 through 15, with a blank space in the top row, third column.

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

F2 (BLUE)

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

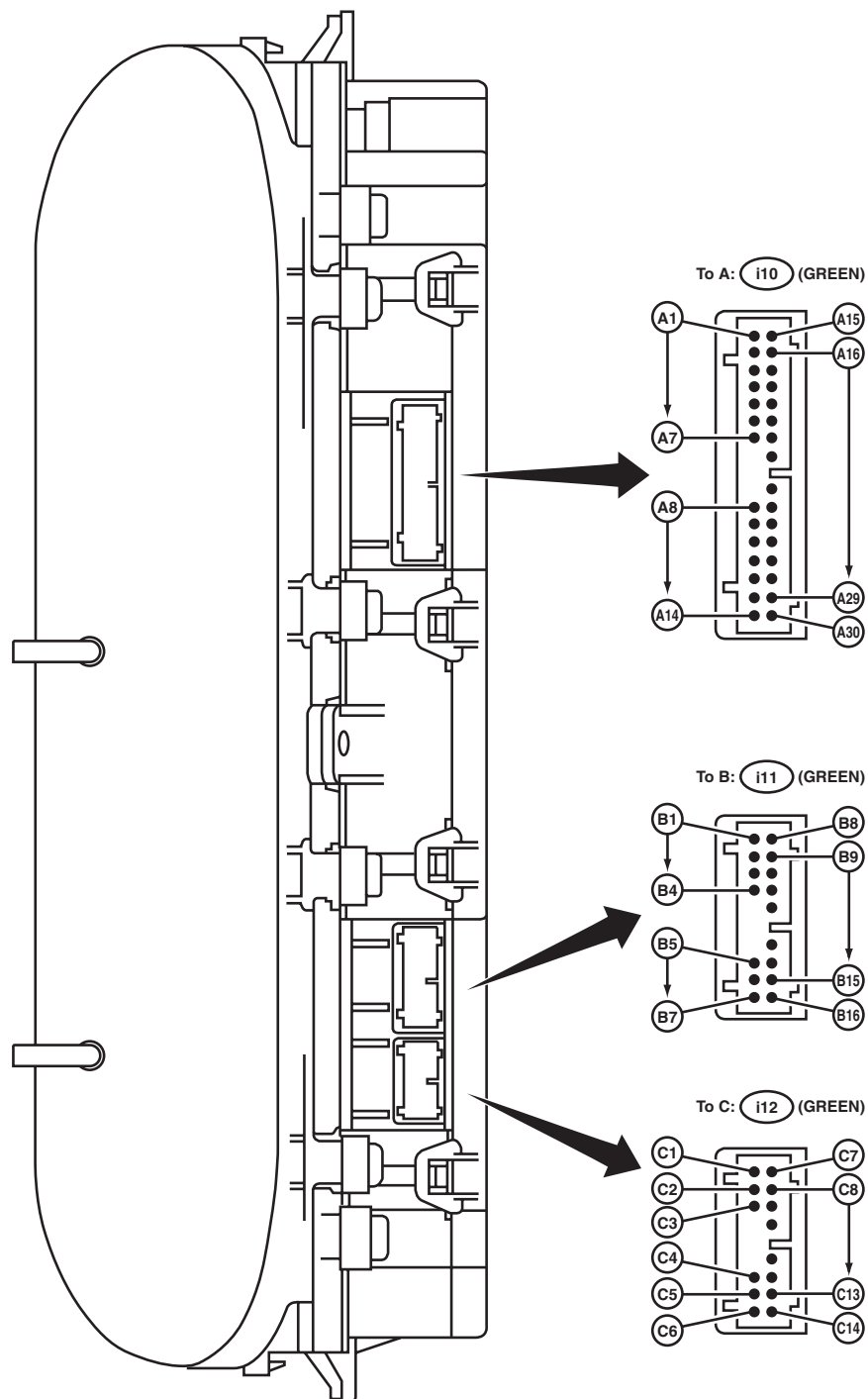
MEMO:

13. Combination Meter

A: SCHEMATIC

1. WITH SPORT SHIFT MODEL

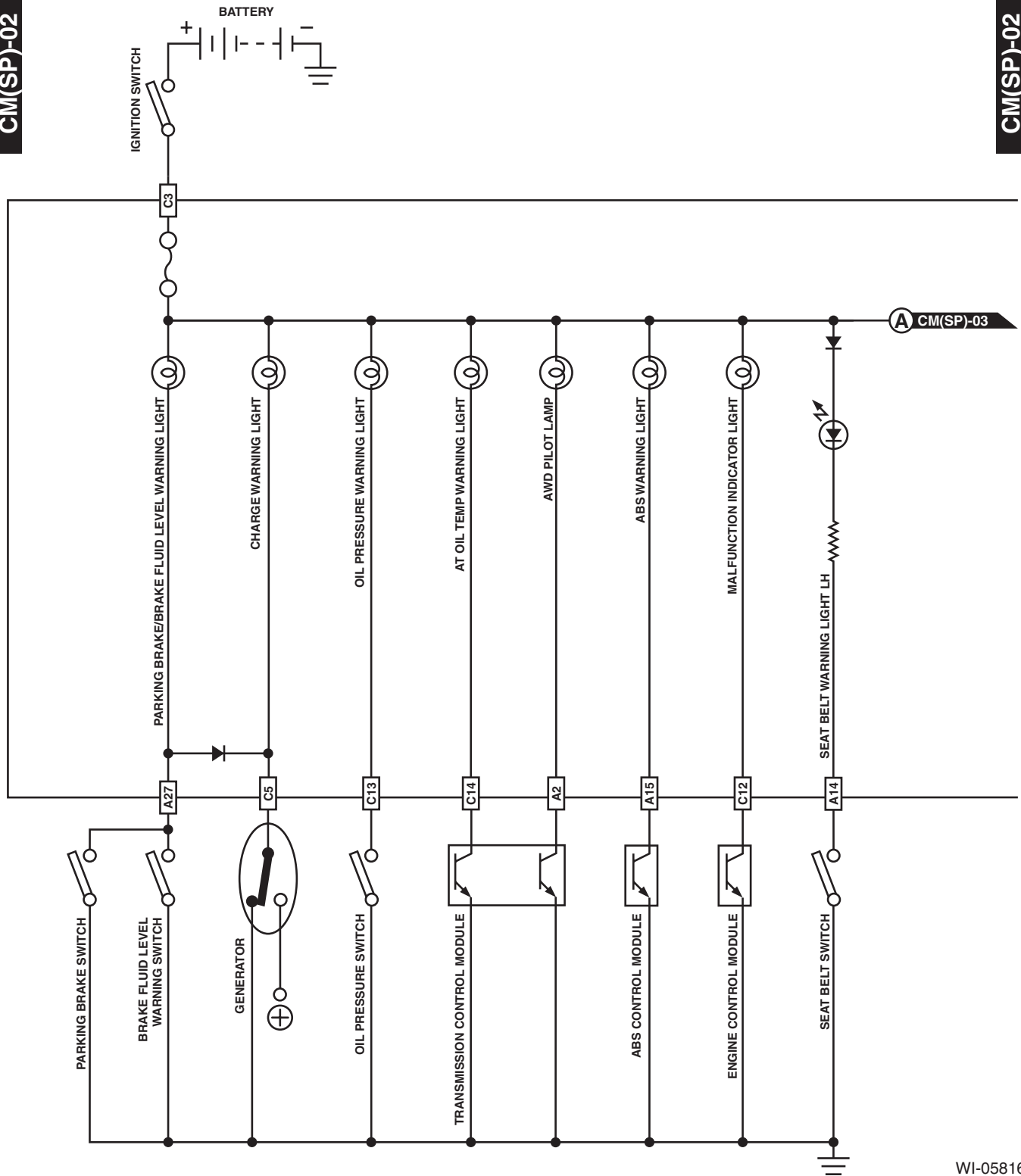
CM(SP)-01



CM(SP)-01

CM(SP)-02

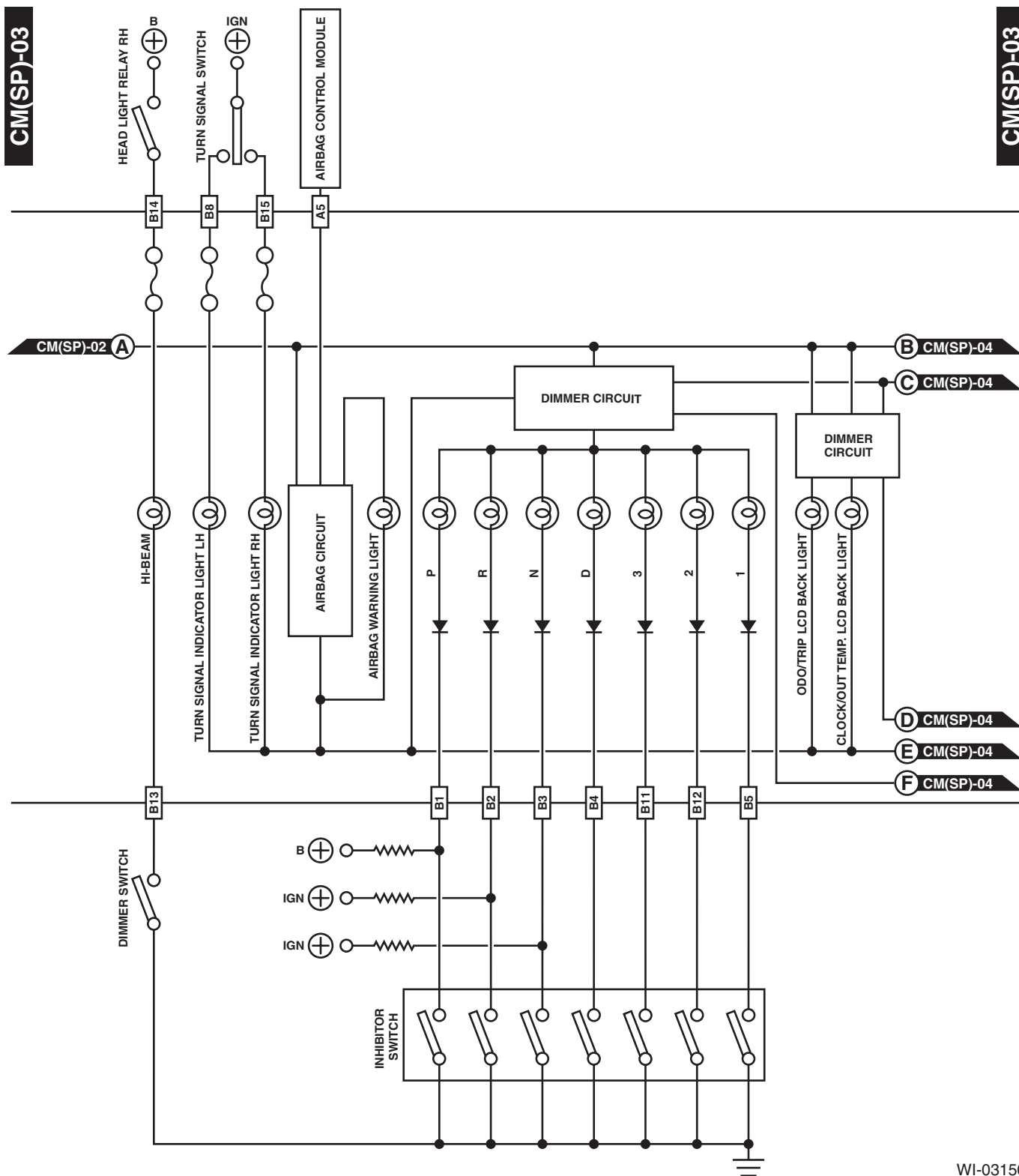
CM(SP)-02



WI-05816

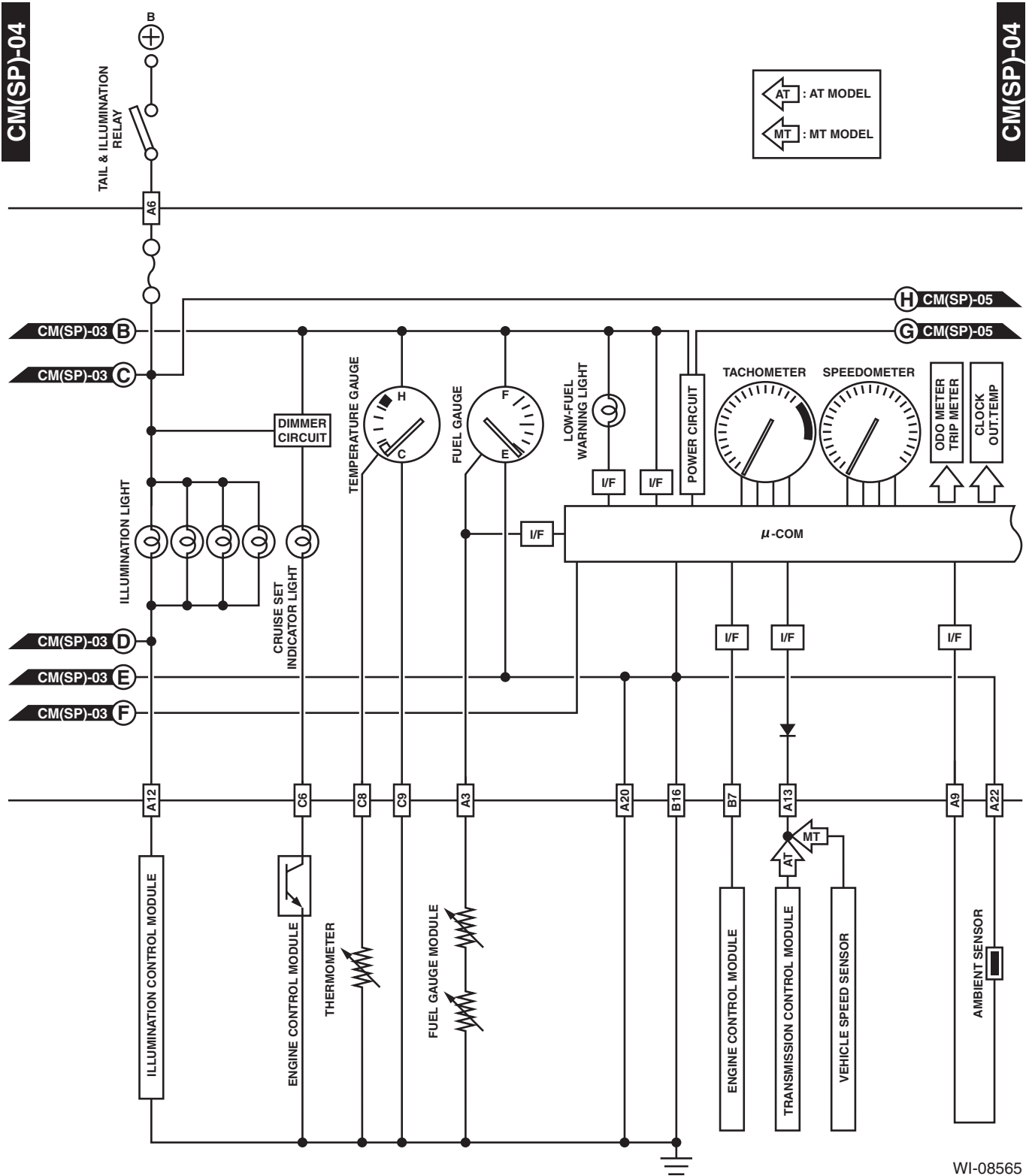
COMBINATION METER

WIRING SYSTEM



COMBINATION METER

WIRING SYSTEM

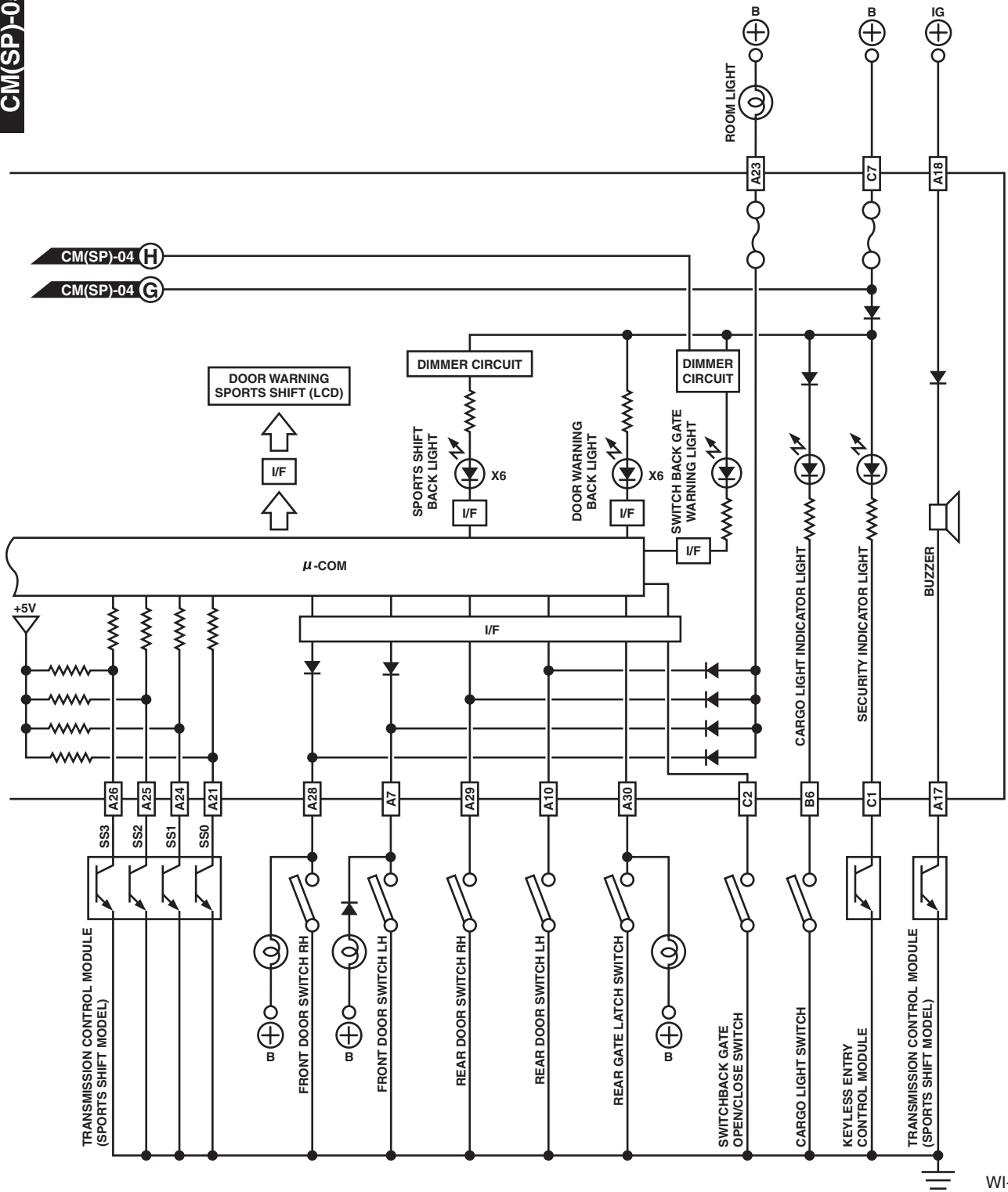


COMBINATION METER

WIRING SYSTEM

CM(SP)-05

CM(SP)-05

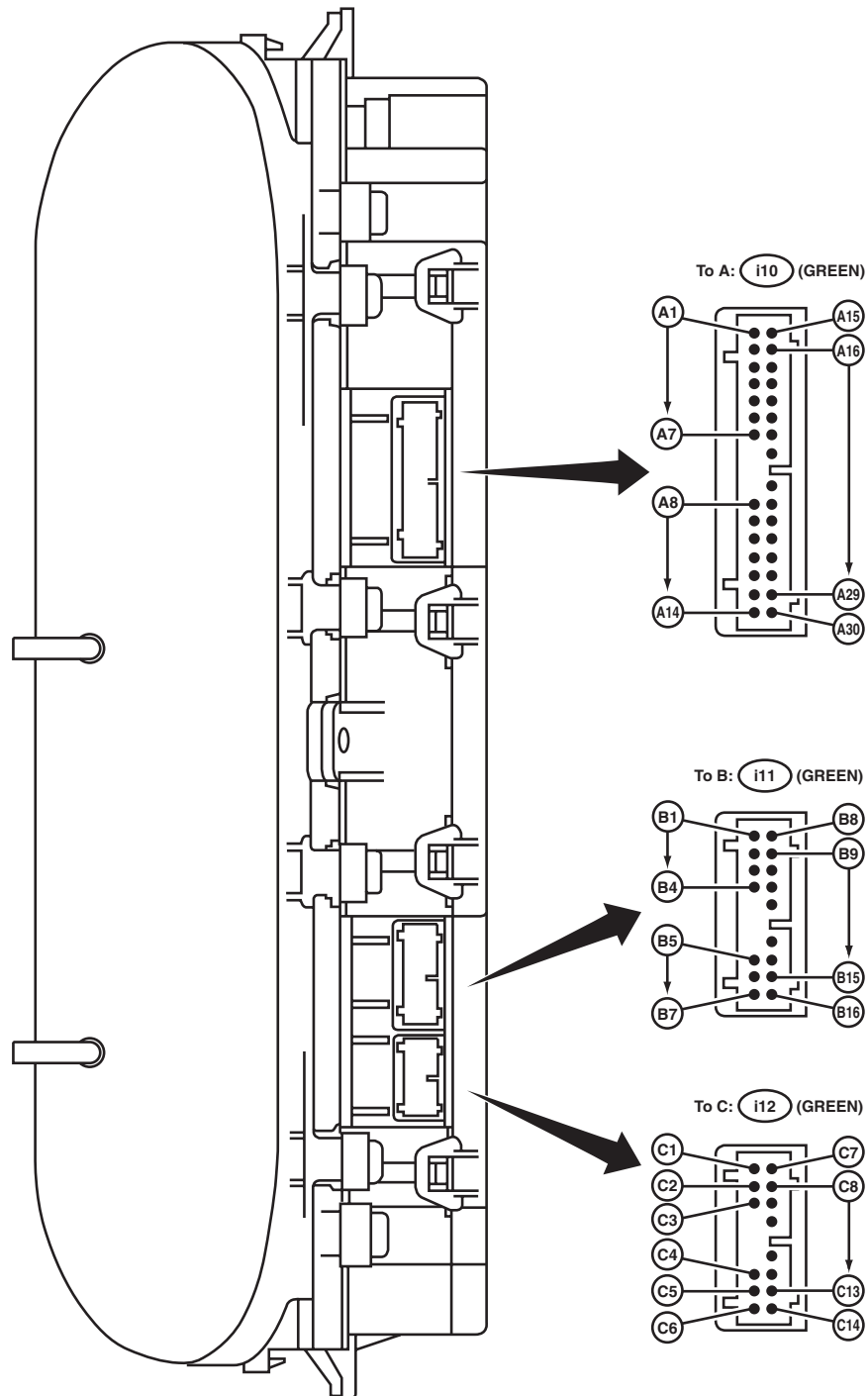


WI-08566

2. WITHOUT SPORT SHIFT MODEL

CM(ESP)-01

CM(ESP)-01

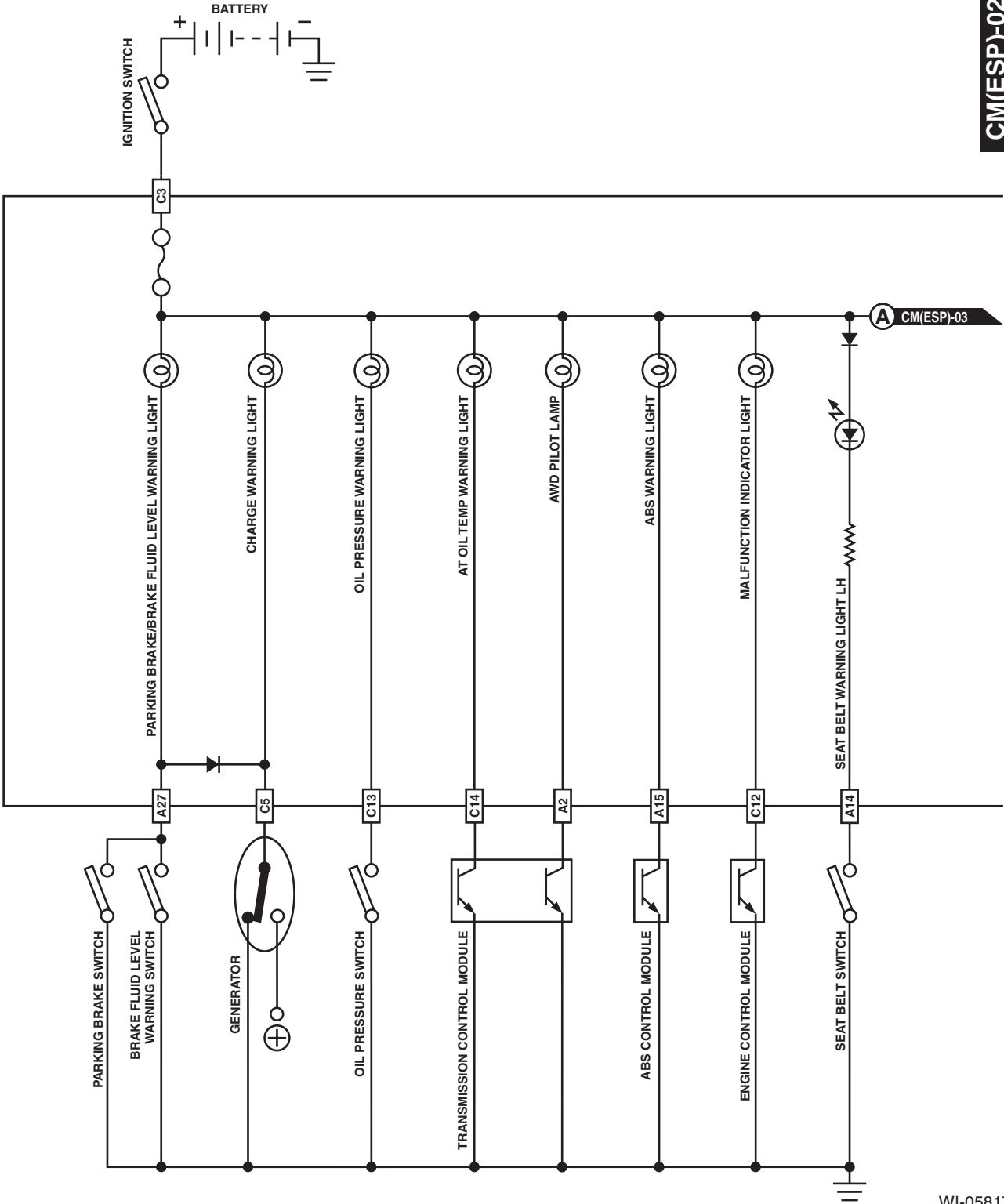


WI-00580

COMBINATION METER

CM(ESP)-02

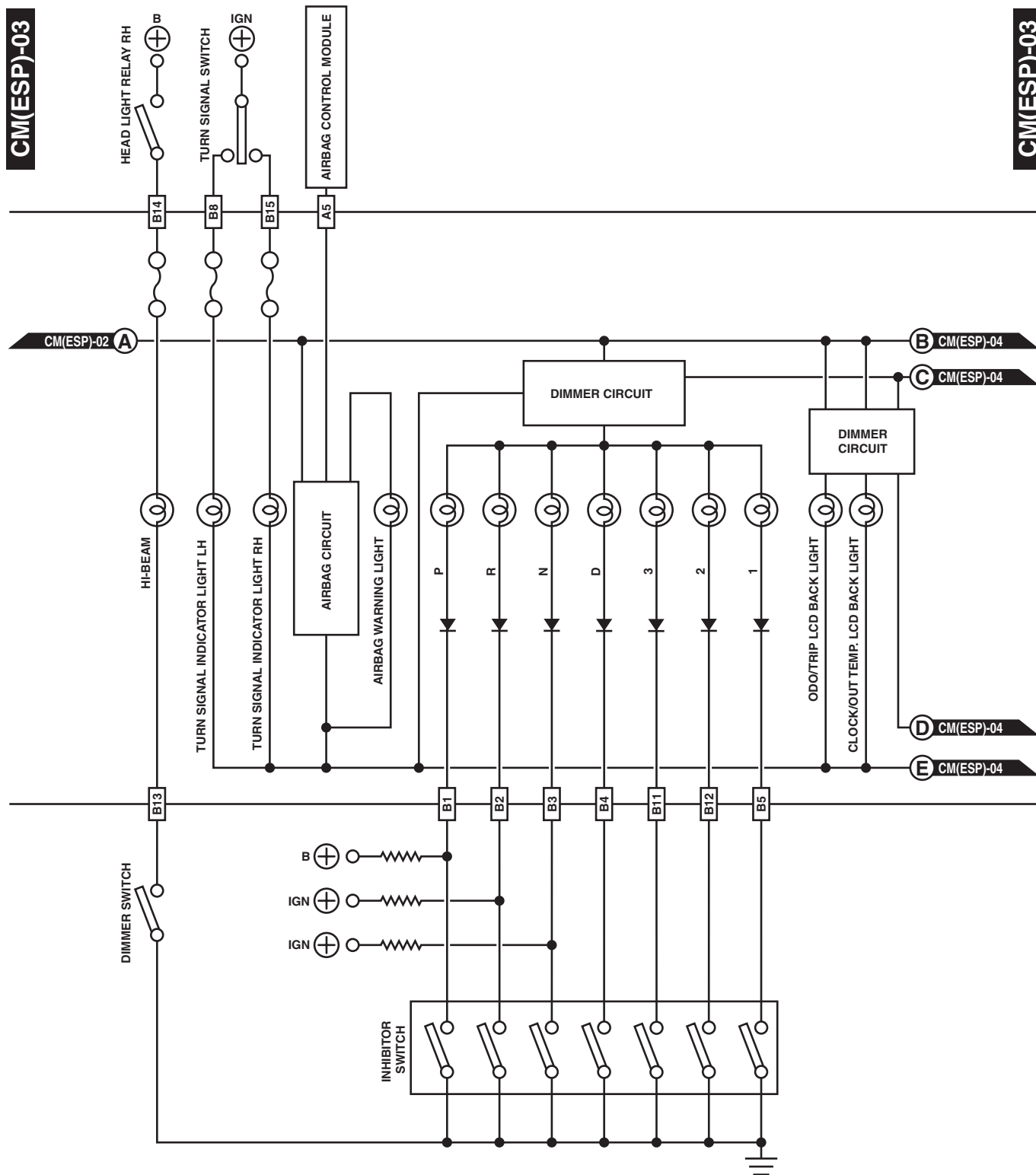
CM(ESP)-02



WI-05817

COMBINATION METER

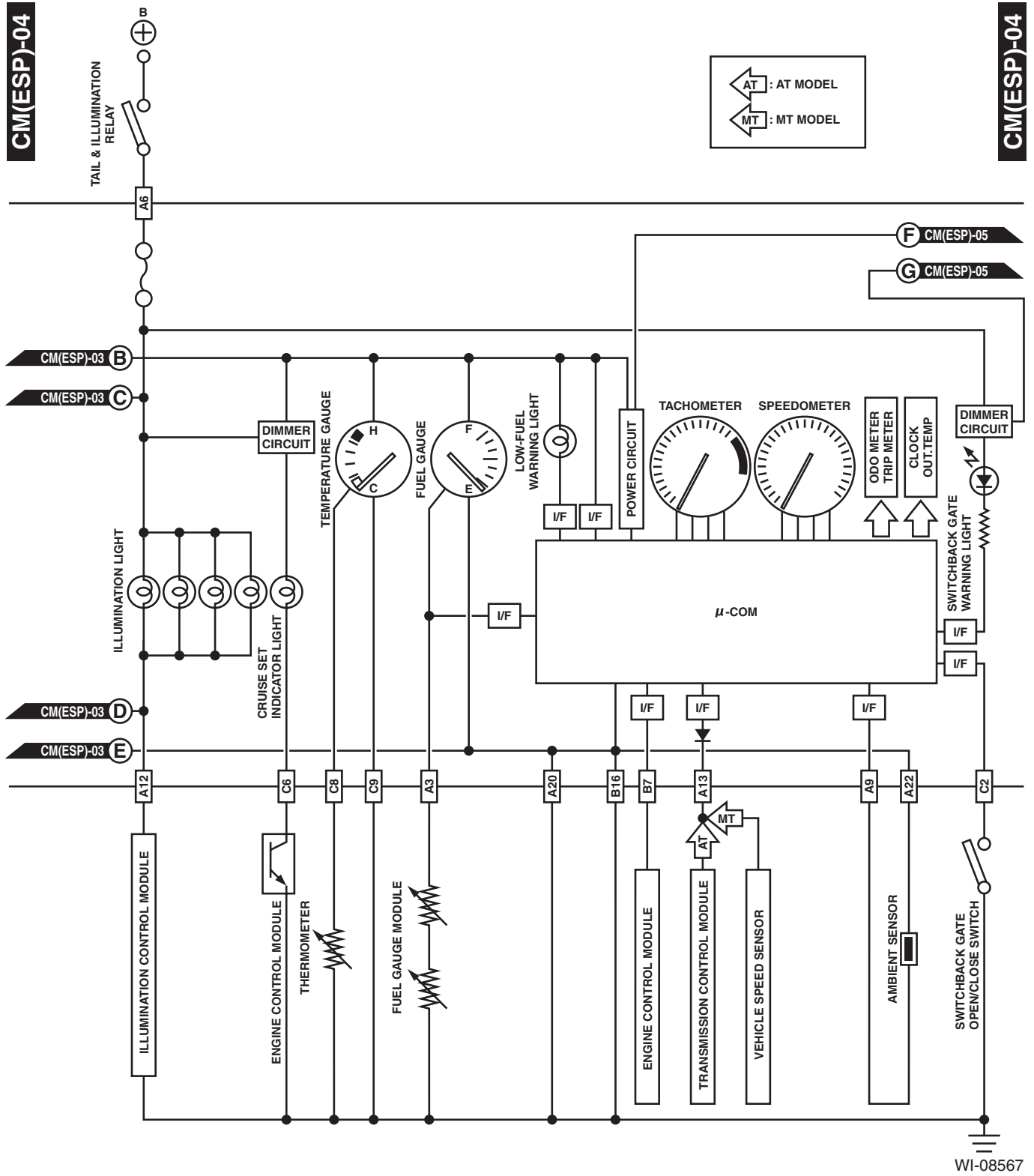
WIRING SYSTEM



WI-03152

COMBINATION METER

WIRING SYSTEM

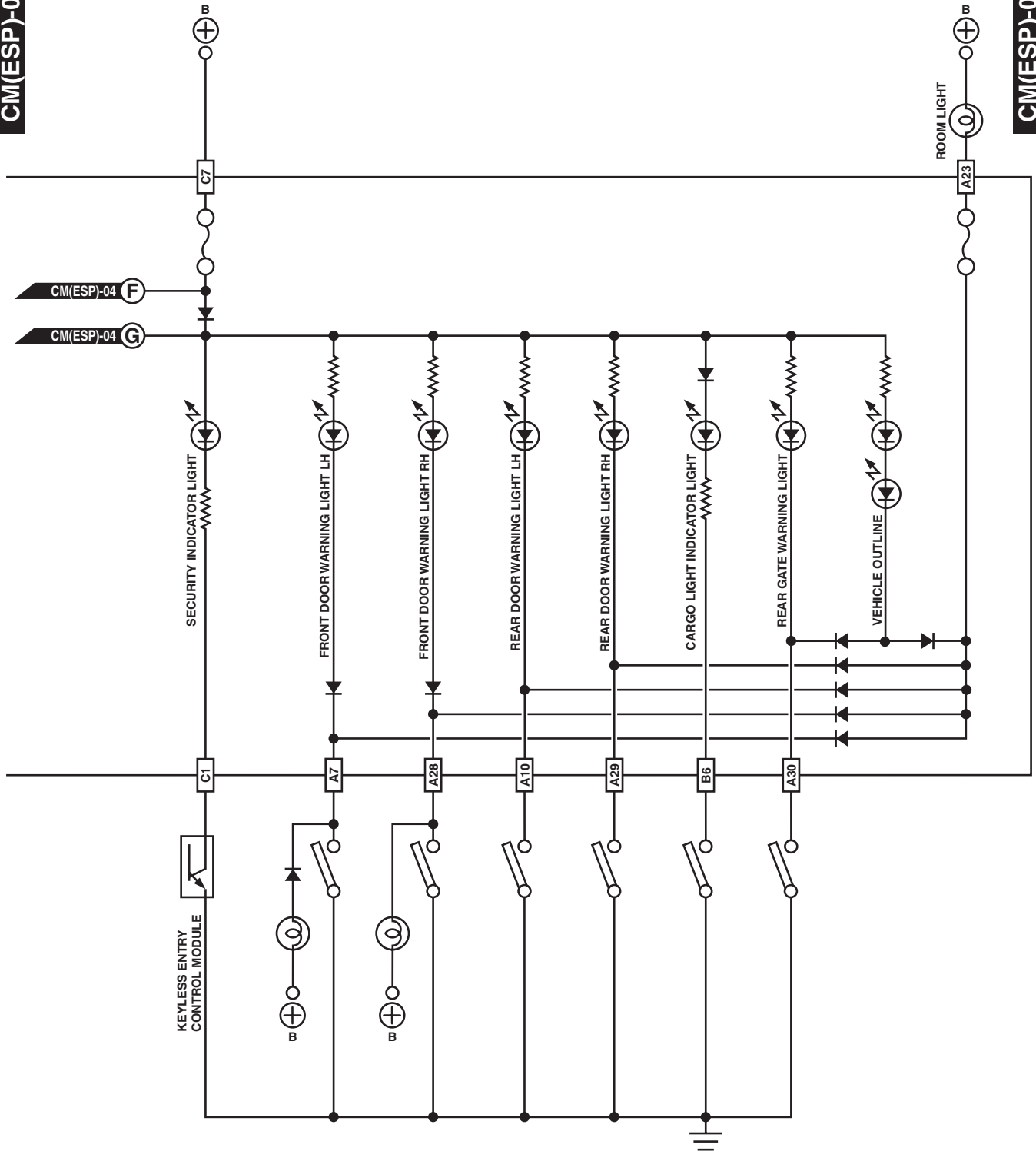


COMBINATION METER

WIRING SYSTEM

CM(ESP)-05

CM(ESP)-05



WI-08568

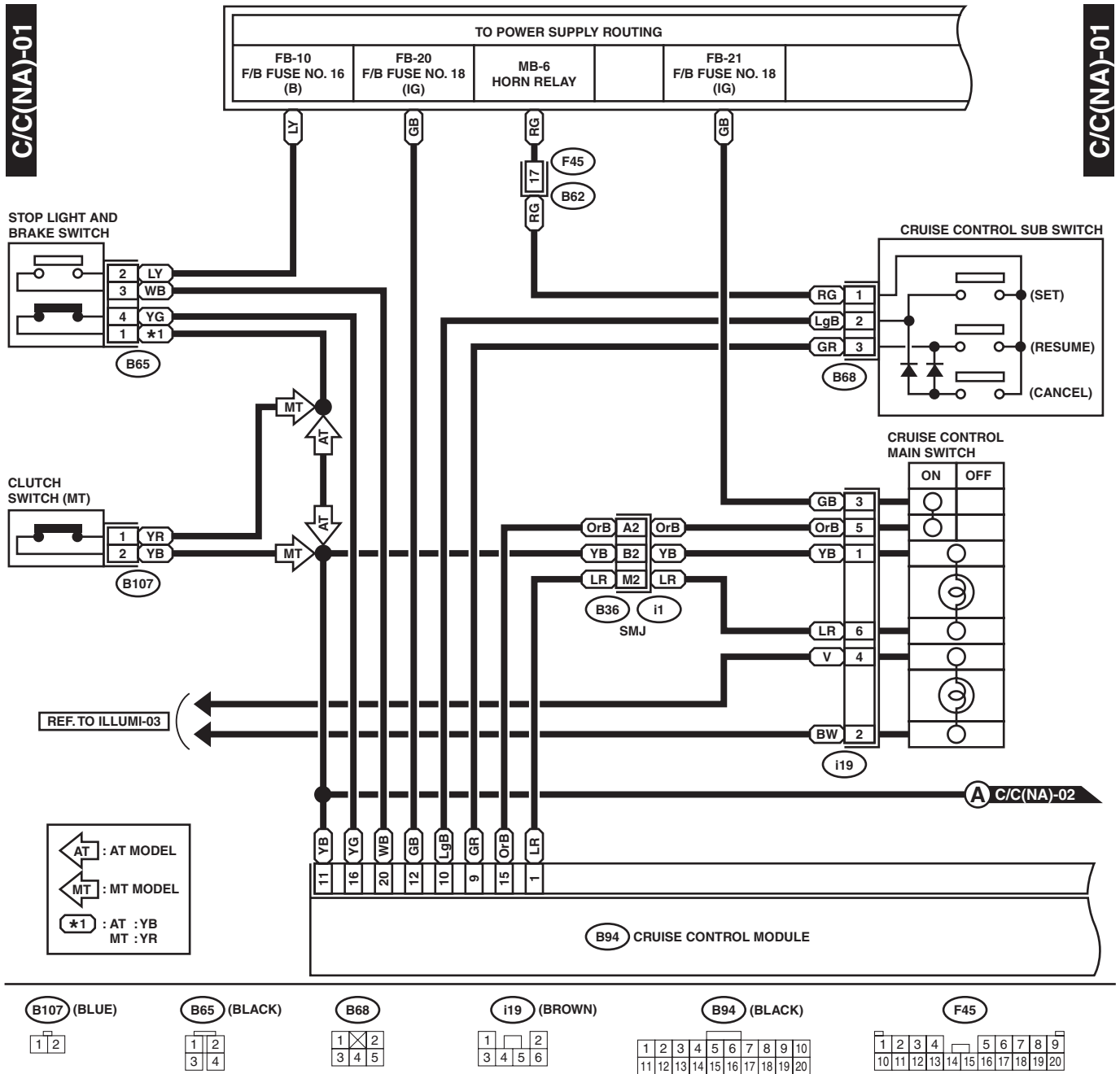
CRUISE CONTROL SYSTEM

WIRING SYSTEM

14.Cruise Control System

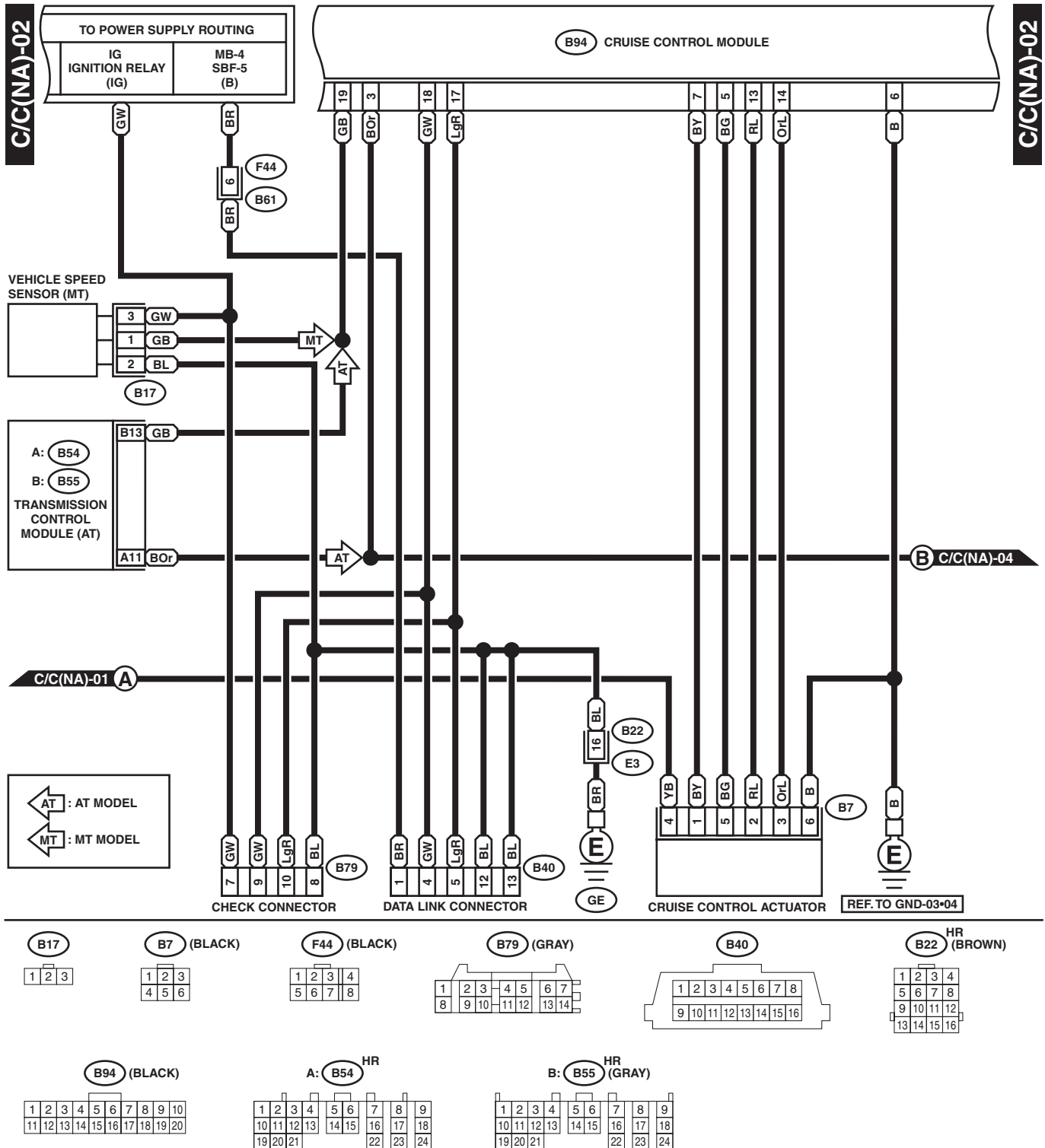
A: SCHEMATIC

1. NON-TURBO ENGINE MODEL



CRUISE CONTROL SYSTEM

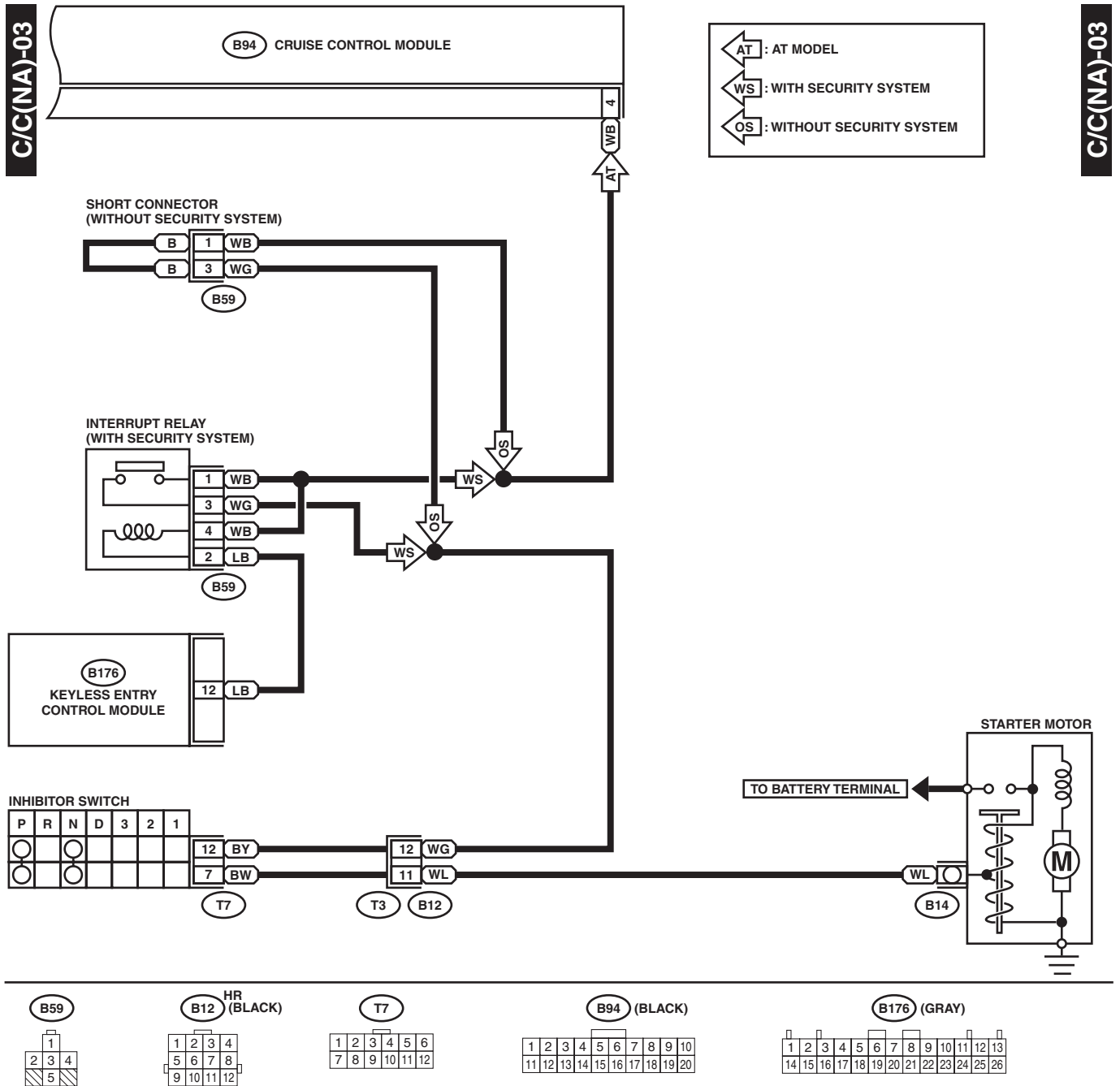
WIRING SYSTEM



WI-06776

CRUISE CONTROL SYSTEM

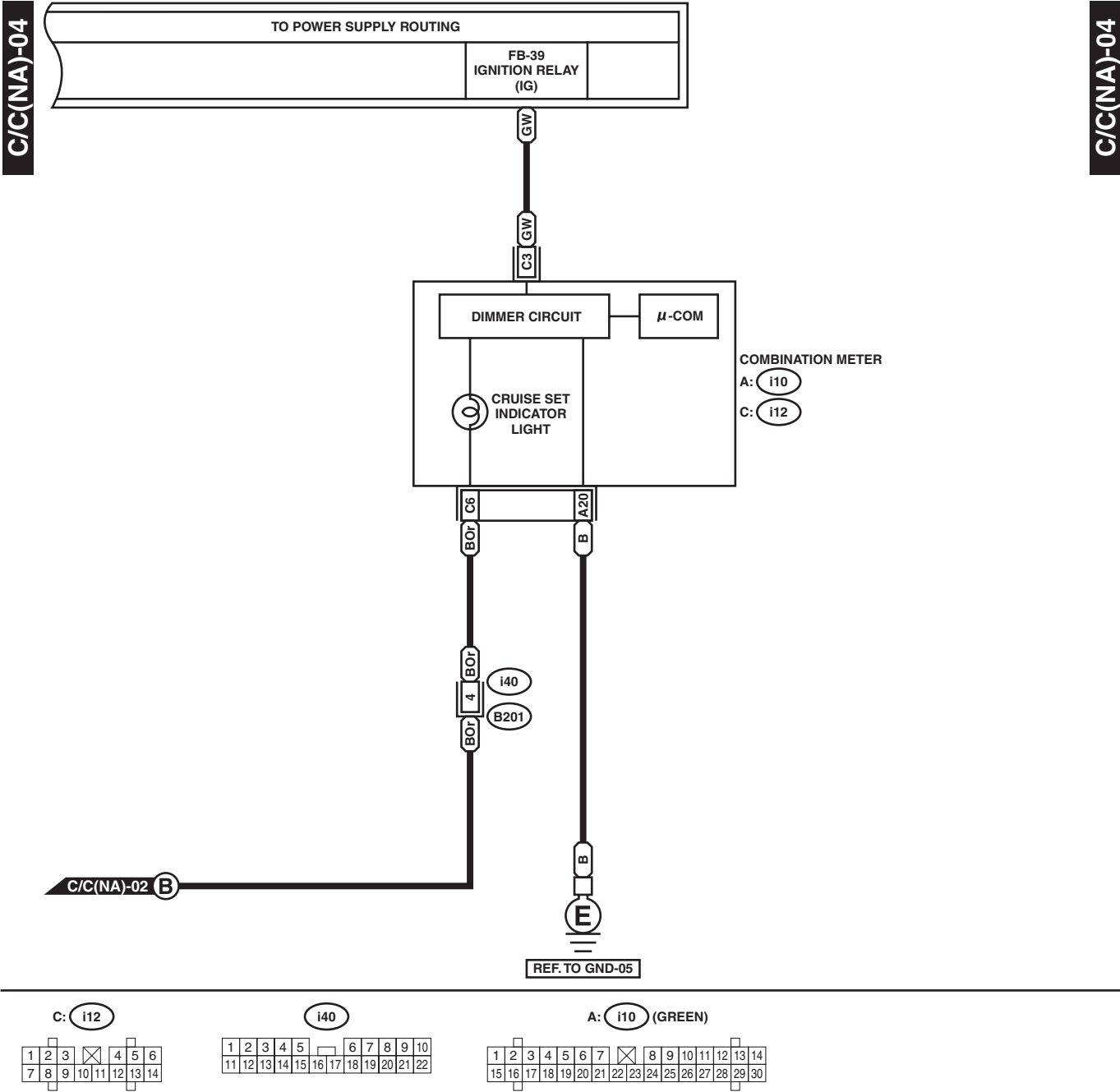
WIRING SYSTEM



WI-08569

CRUISE CONTROL SYSTEM

WIRING SYSTEM



WI-05819

WIRING SYSTEM

C/C(TB)-01

TO POWER SUPPLY ROUTING

FB-10 F/B FUSE NO. 16 (B)	FB-16 F/B FUSE NO. 11 (IG)	MB-6 HORN RELAY	FB-21 F/B FUSE NO. 18 (IG)
---------------------------------	----------------------------------	--------------------	----------------------------------

STOP LIGHT AND BRAKE SWITCH

CLUTCH SWITCH (MT)

CRUISE CONTROL SUB SWITCH

CRUISE CONTROL MAIN SWITCH

ENGINE CONTROL MODULE

Legend:

- AT : AT MODEL
- MT : MT MODEL
- *1 : AT MODEL : GR, MT MODEL : YR

Pin Headers:

B107 (BLUE)

B65 (BLACK)

B68

i19 (BROWN)

F45

A: B134 C: B136

HR

A: B134

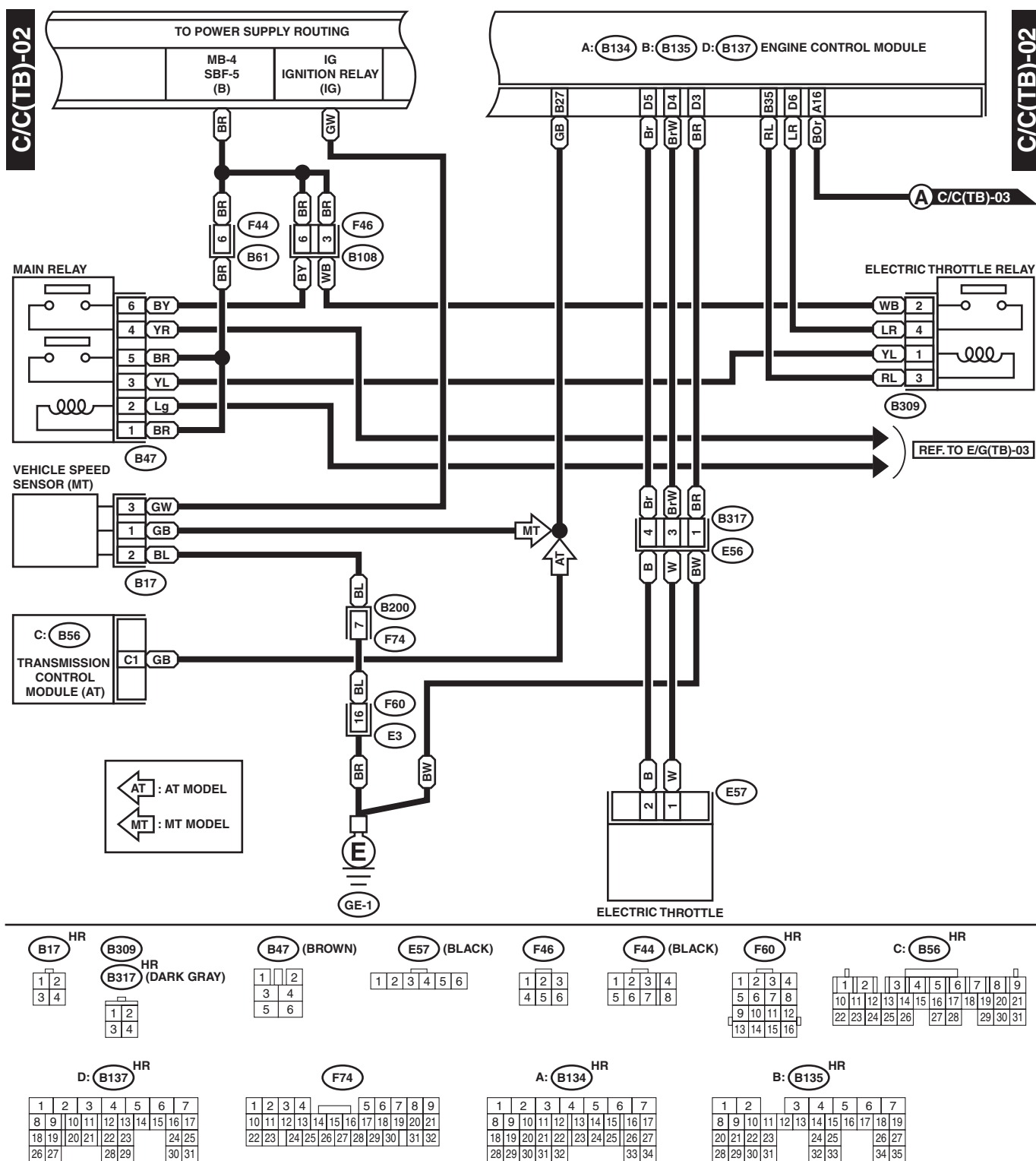
C: B136

C/C(TB)-01

WI-82

CRUISE CONTROL SYSTEM

WIRING SYSTEM



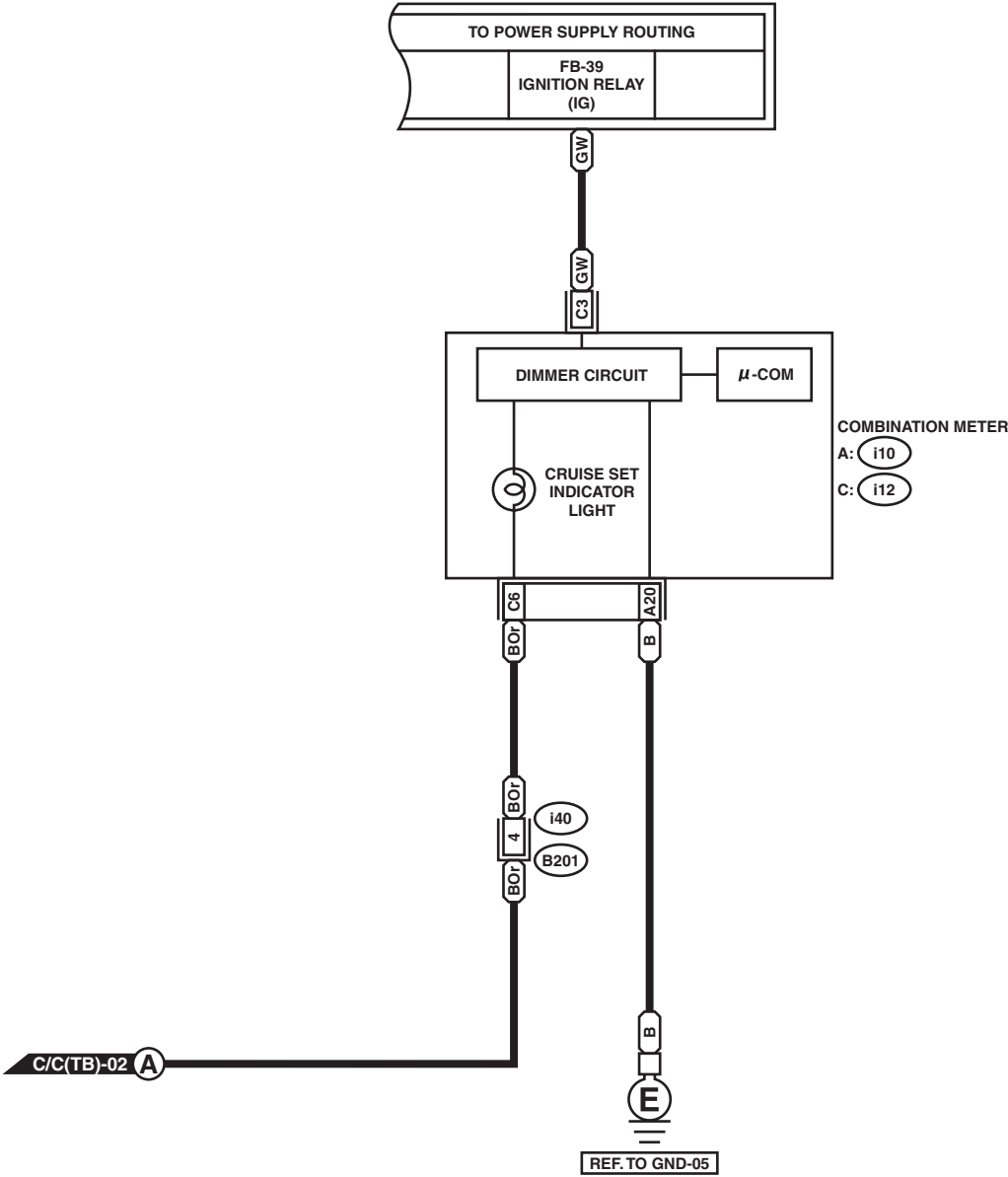
WI-06779

CRUISE CONTROL SYSTEM

WIRING SYSTEM

C/C(TB)-03

C/C(TB)-03



C: i12 (GREEN)

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

i40

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

A: 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-05821

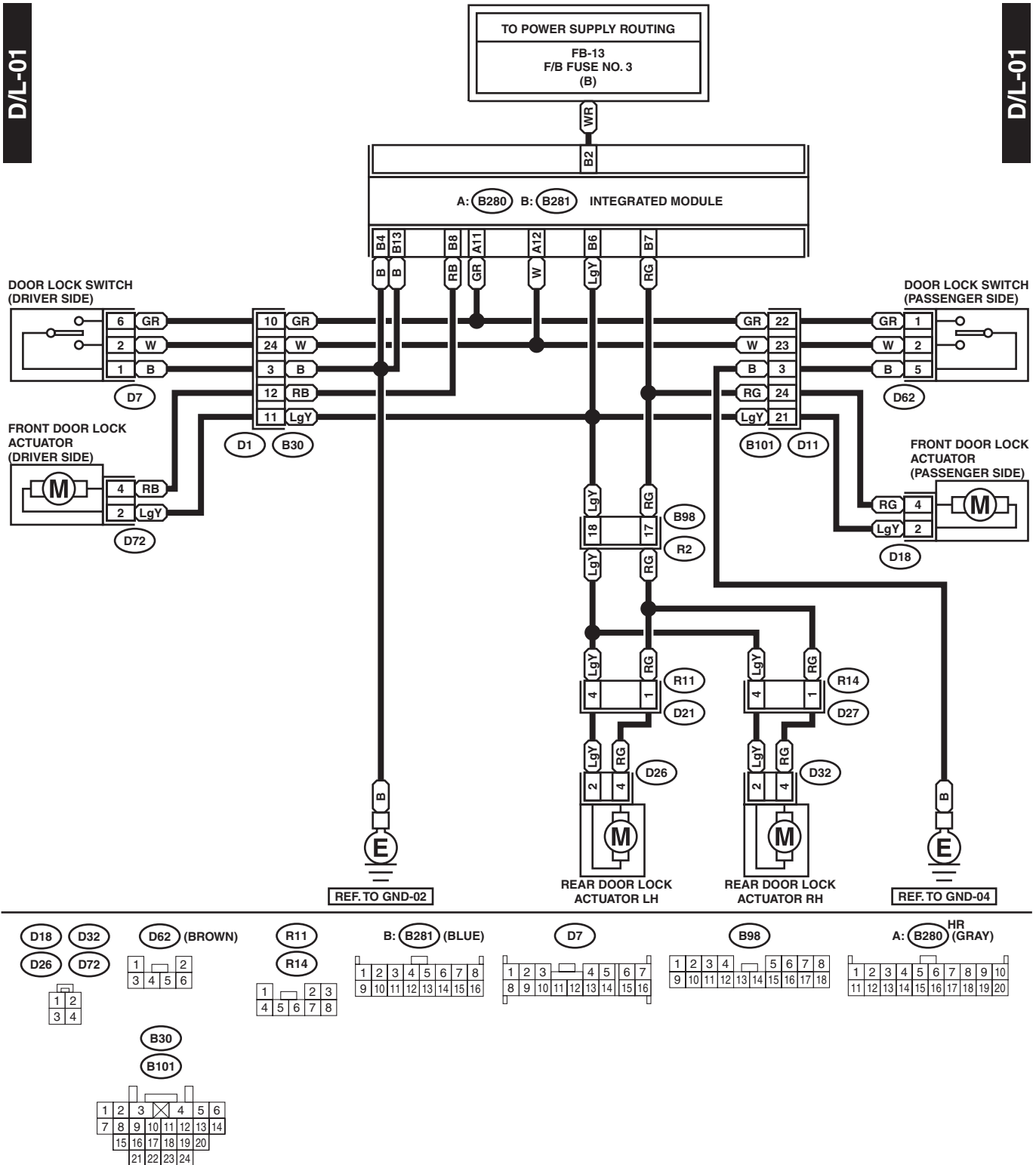
MEMO:

DOOR LOCK SYSTEM

WIRING SYSTEM

15. Door Lock System

A: SCHEMATIC



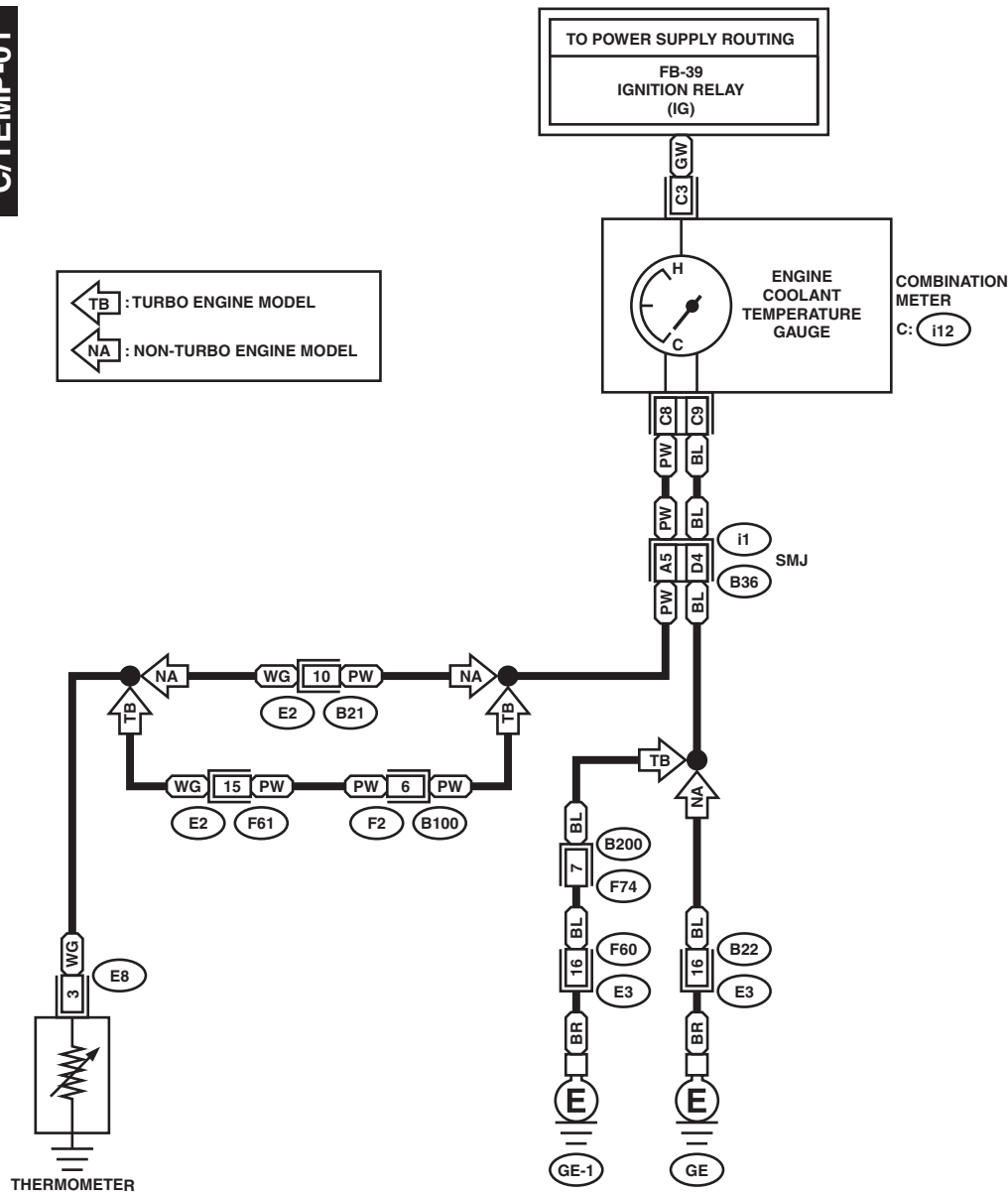
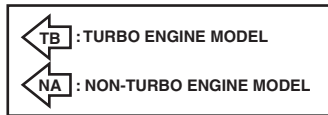
WI-08570

16.Engine Coolant Temperature Gauge System

A: SCHEMATIC

C/TEMP-01

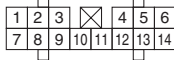
C/TEMP-01



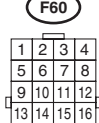
E8 (LIGHT GLAY)



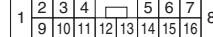
C: i12 (GREEN)



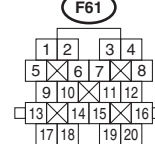
B22 HR (BROWN)



F2 (BLUE)



B21 HR



F74



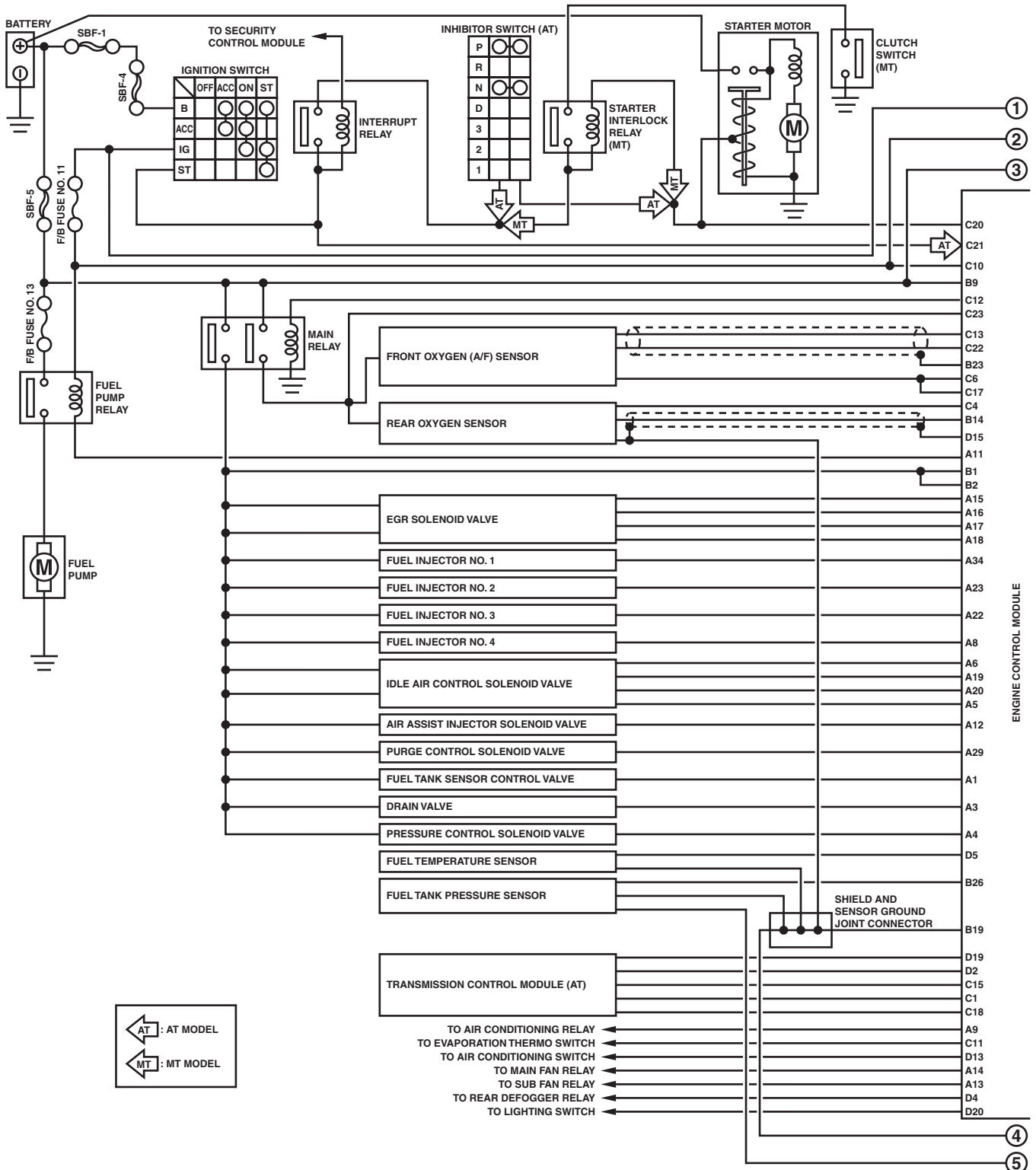
ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM

17.Engine Electrical System

A: SCHEMATIC

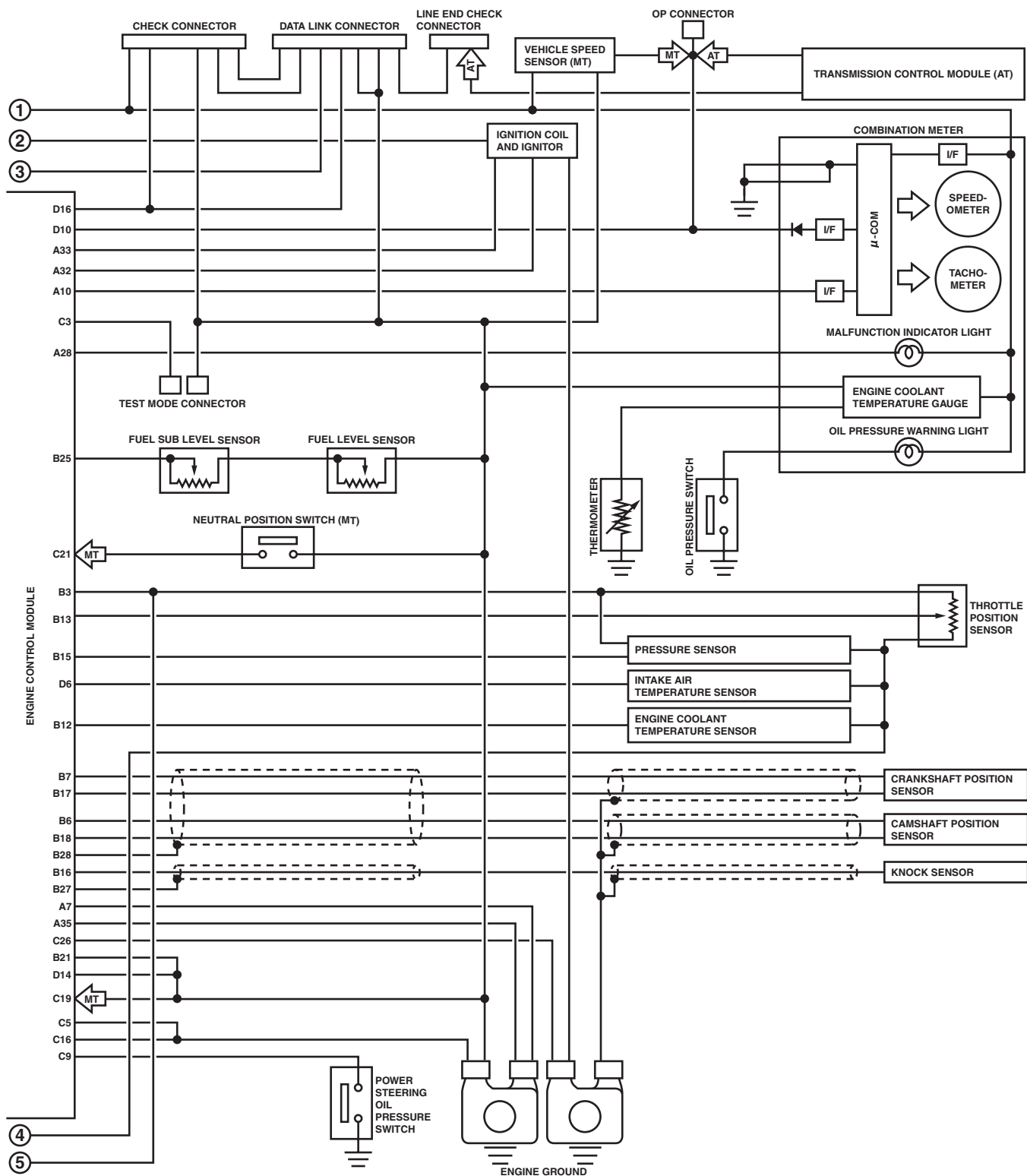
1. NON-TURBO ENGINE MODEL



WI-05824

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



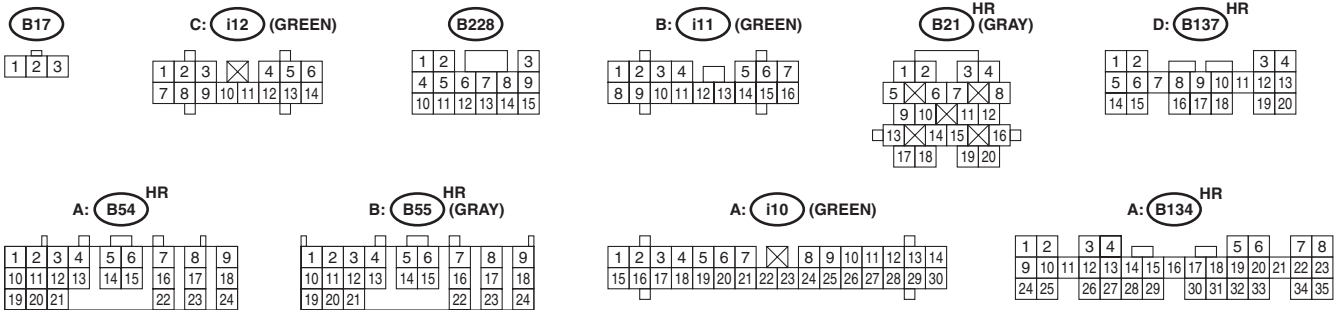
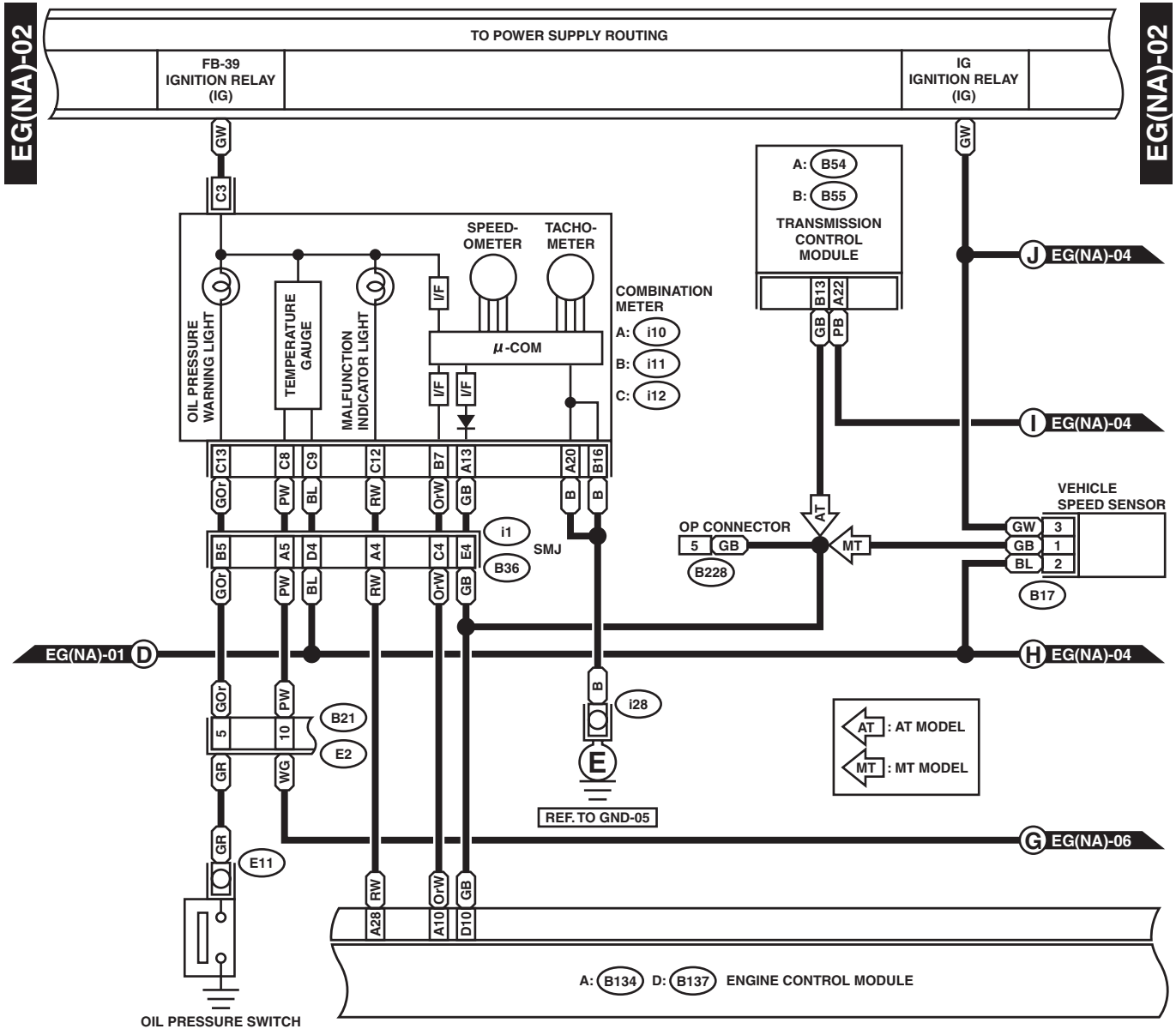
WI-08603

WIRING SYSTEM



ENGINE ELECTRICAL SYSTEM

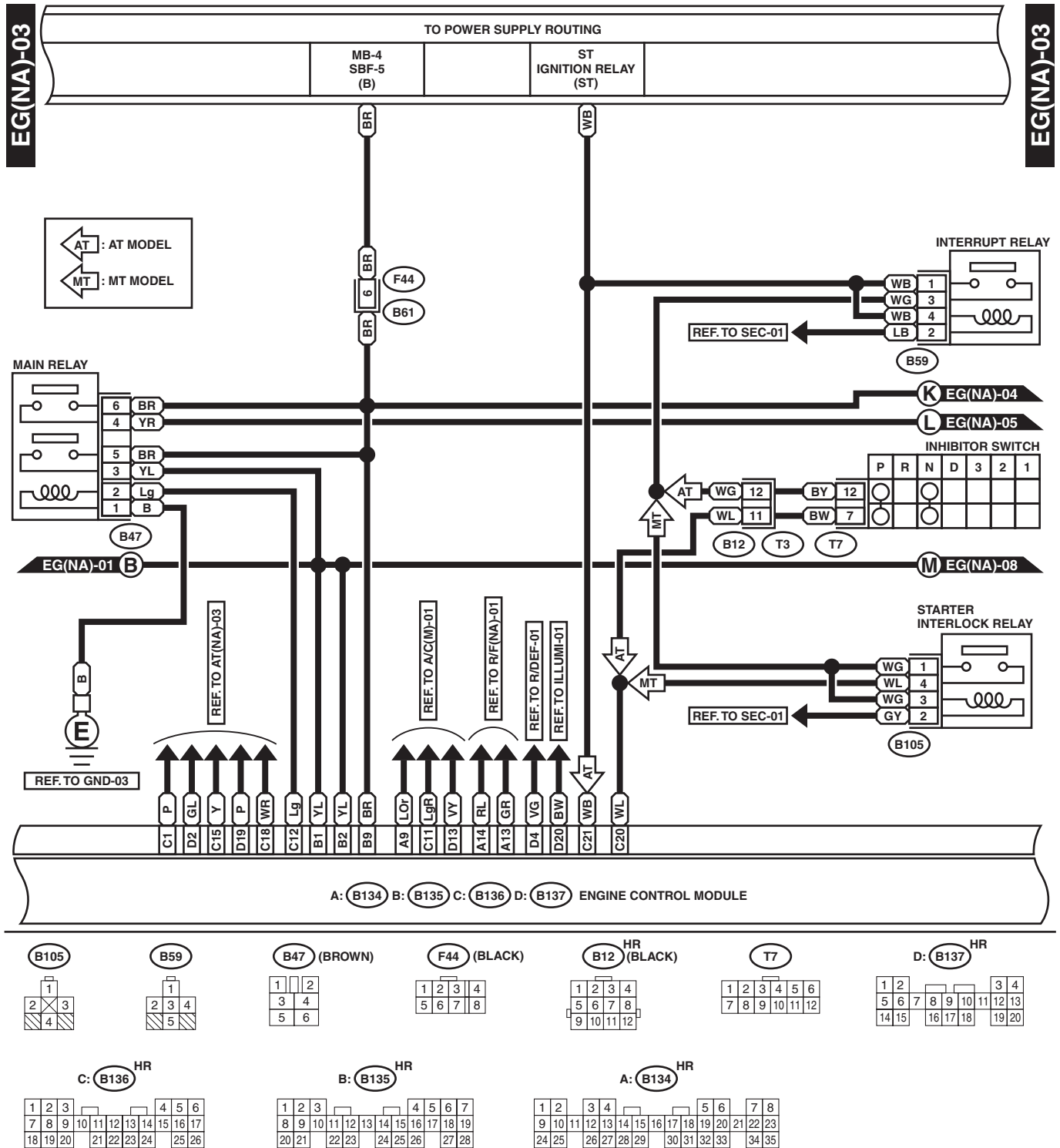
WIRING SYSTEM



WI-08604

ENGINE ELECTRICAL SYSTEM

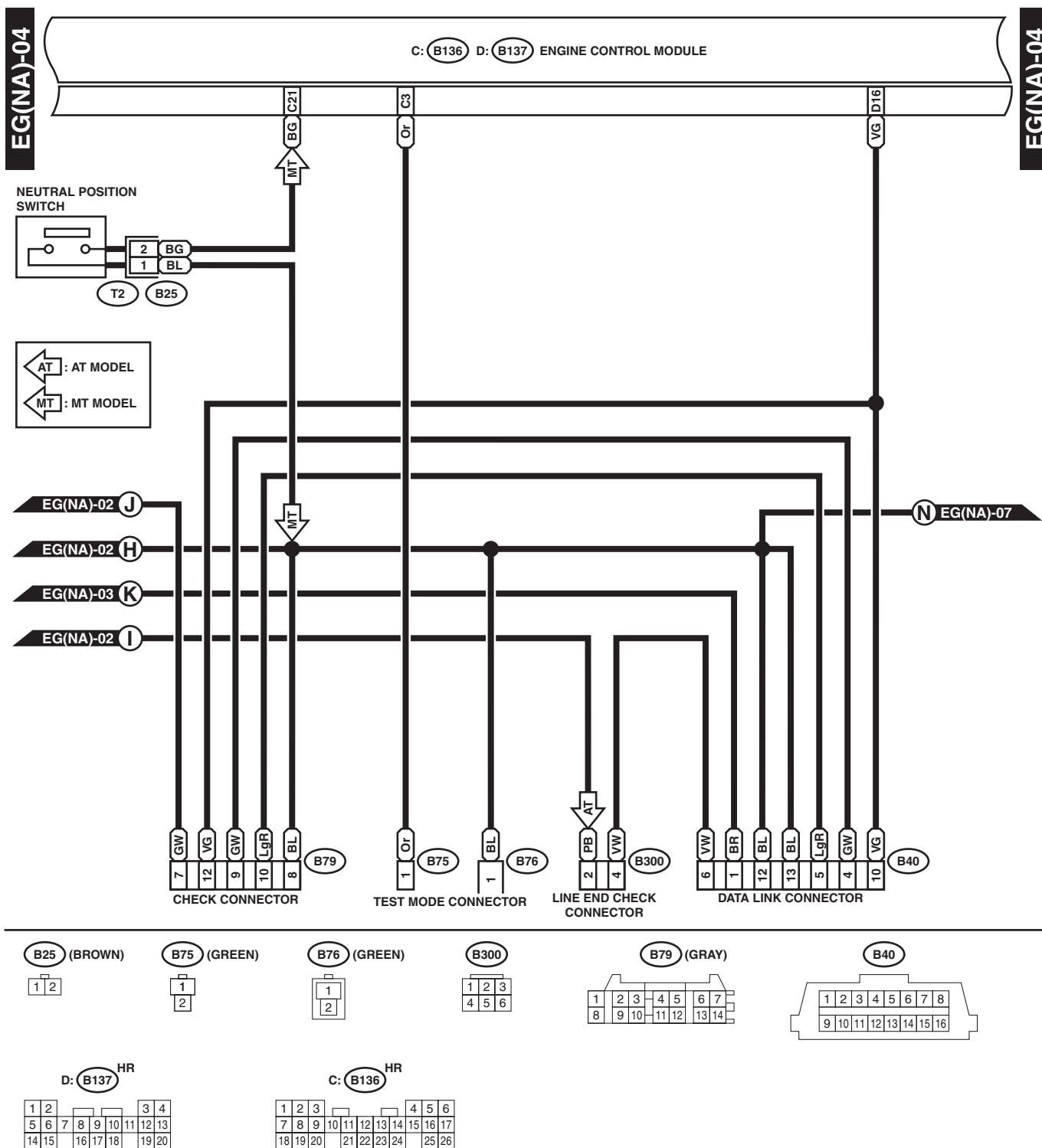
WIRING SYSTEM



WI-08605

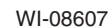
ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



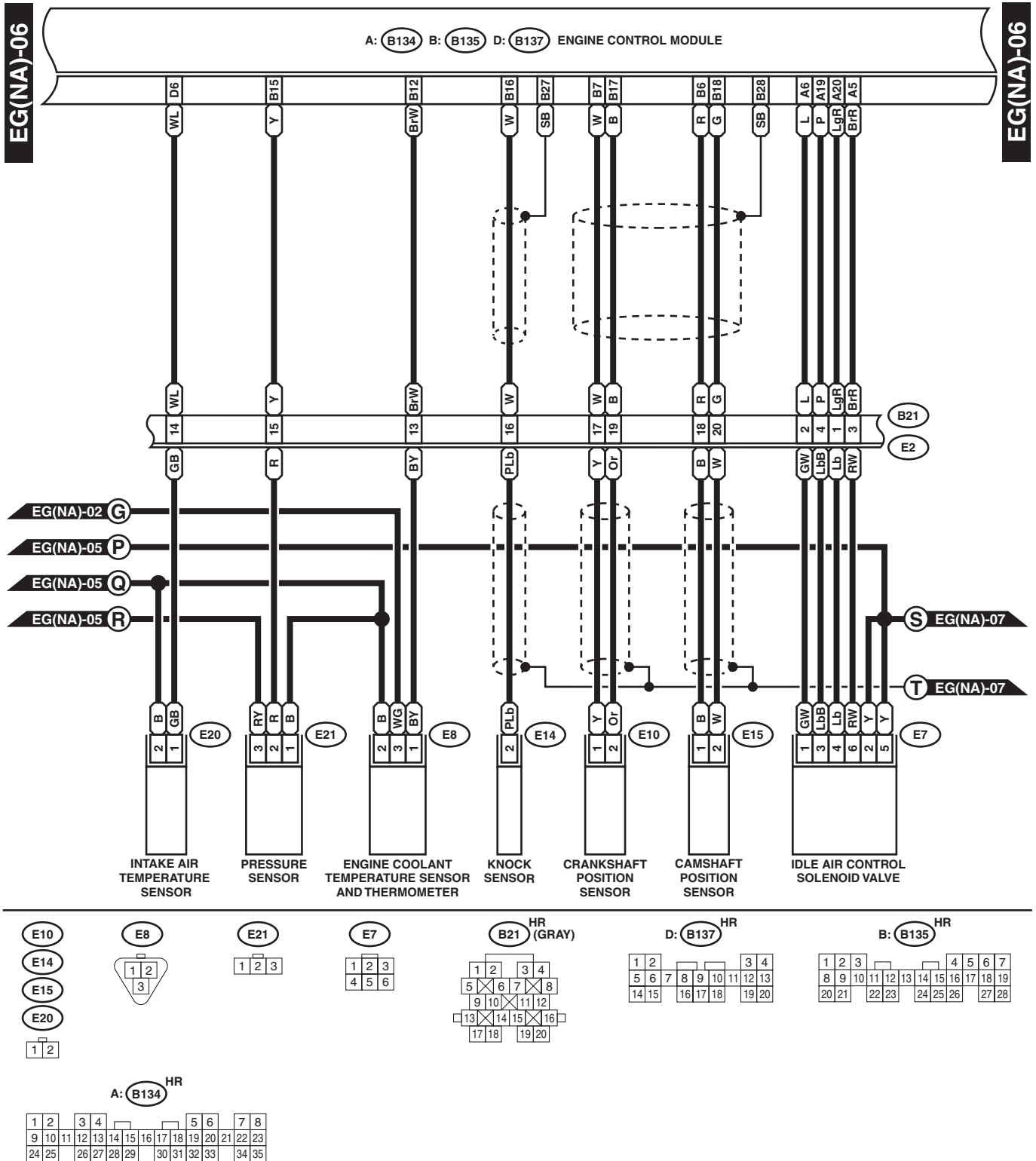
WI-08606

WIRING SYSTEM



ENGINE ELECTRICAL SYSTEM

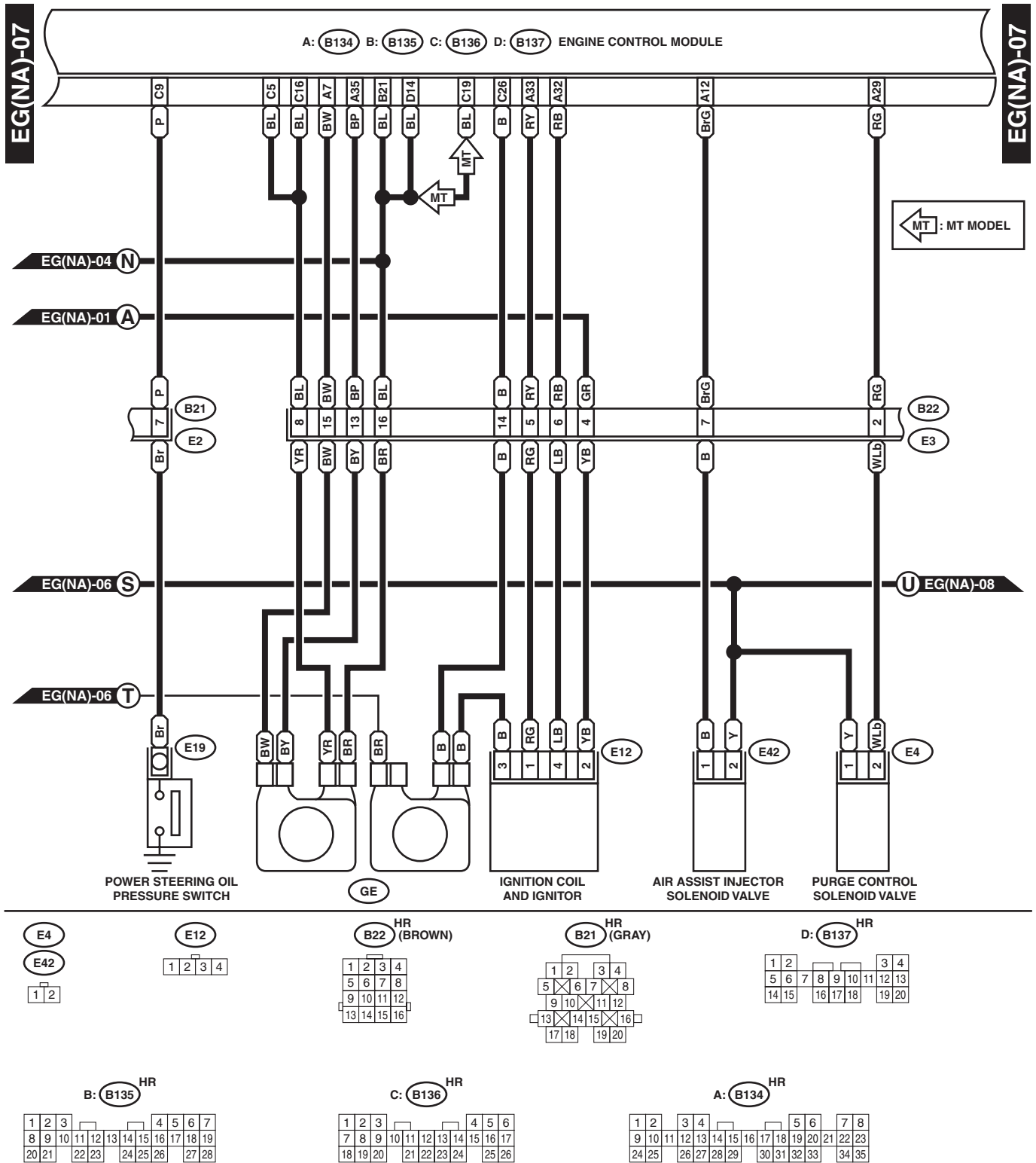
WIRING SYSTEM



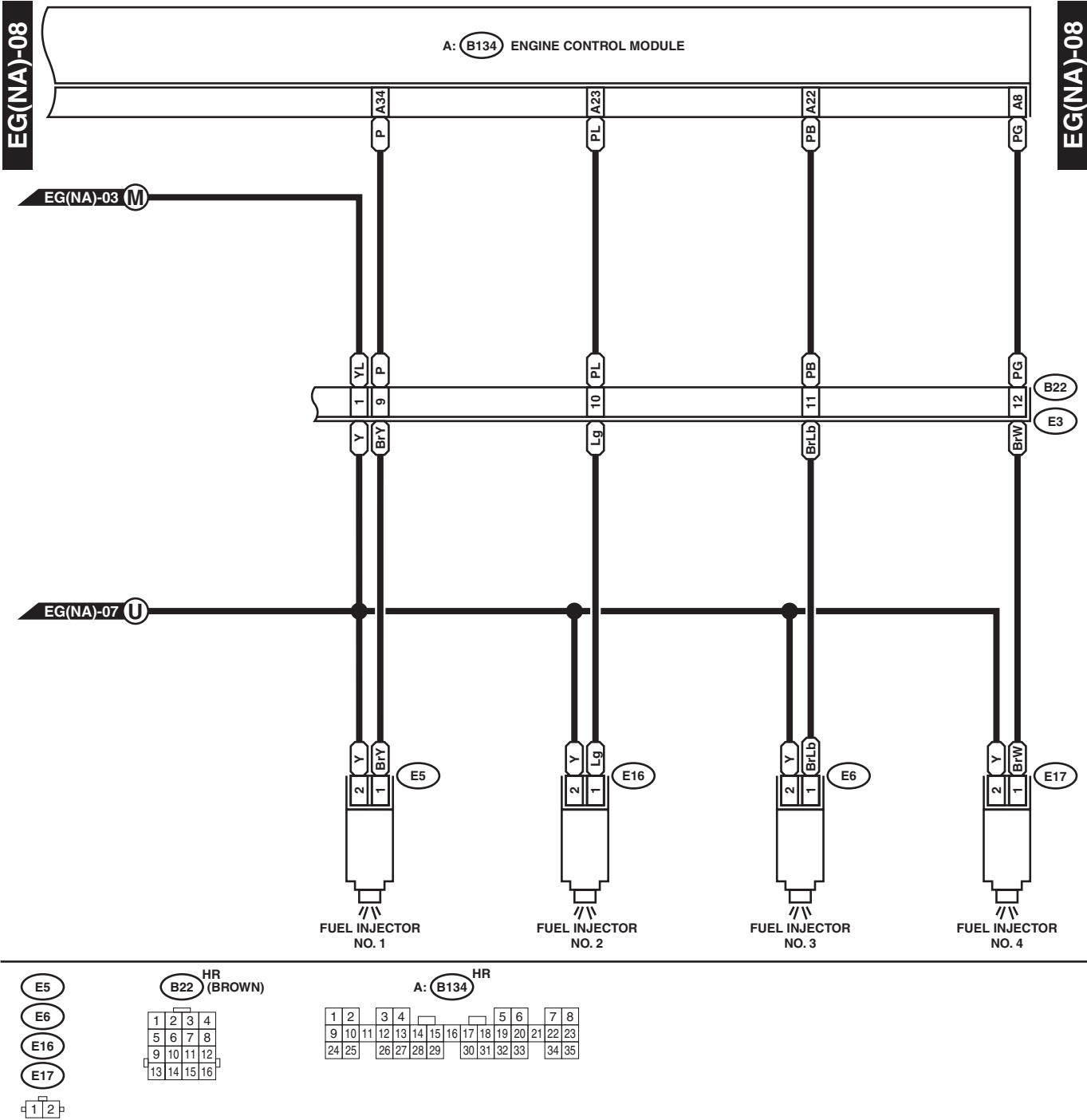
WI-08608

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



WI-08609

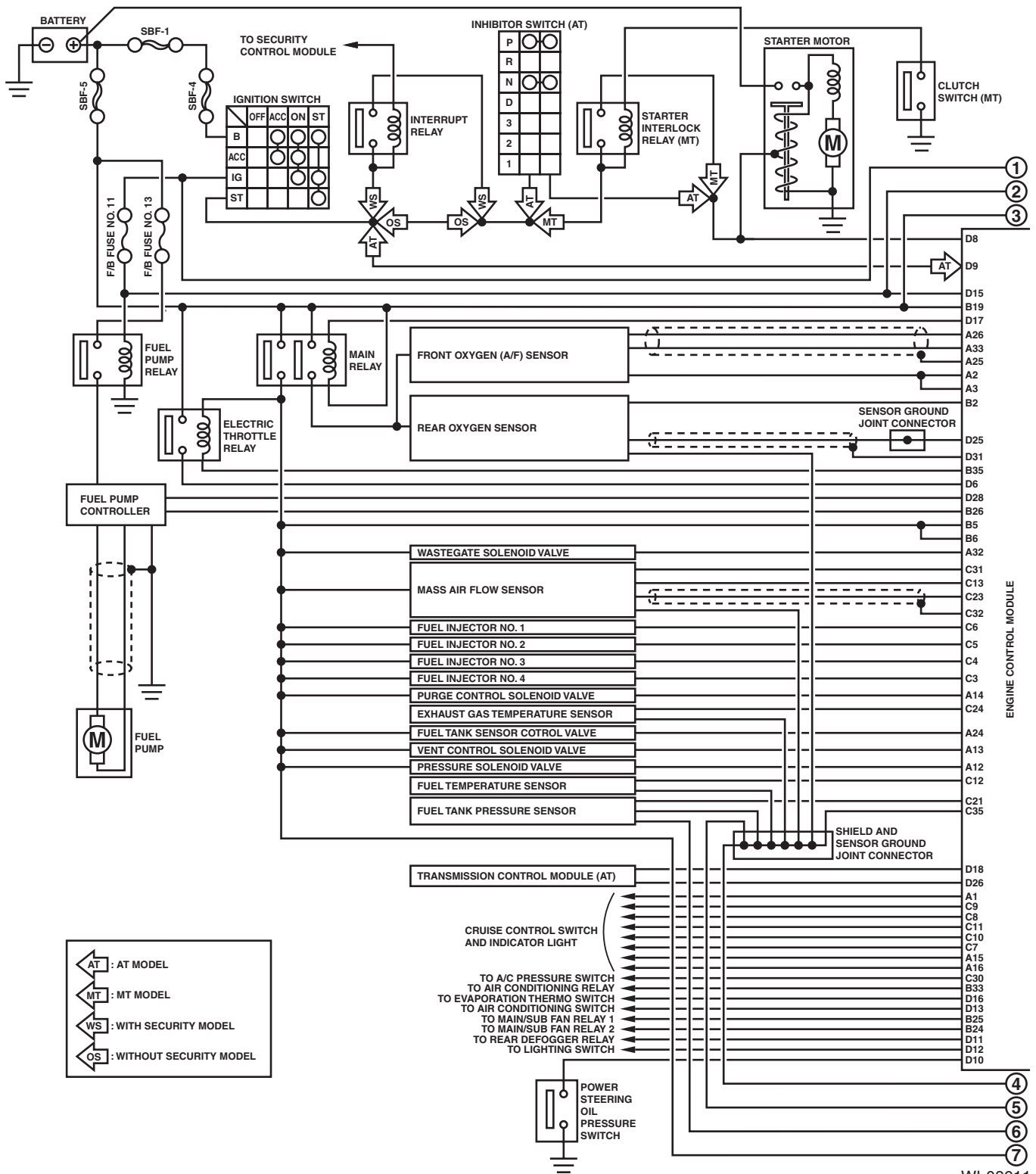


WI-08610

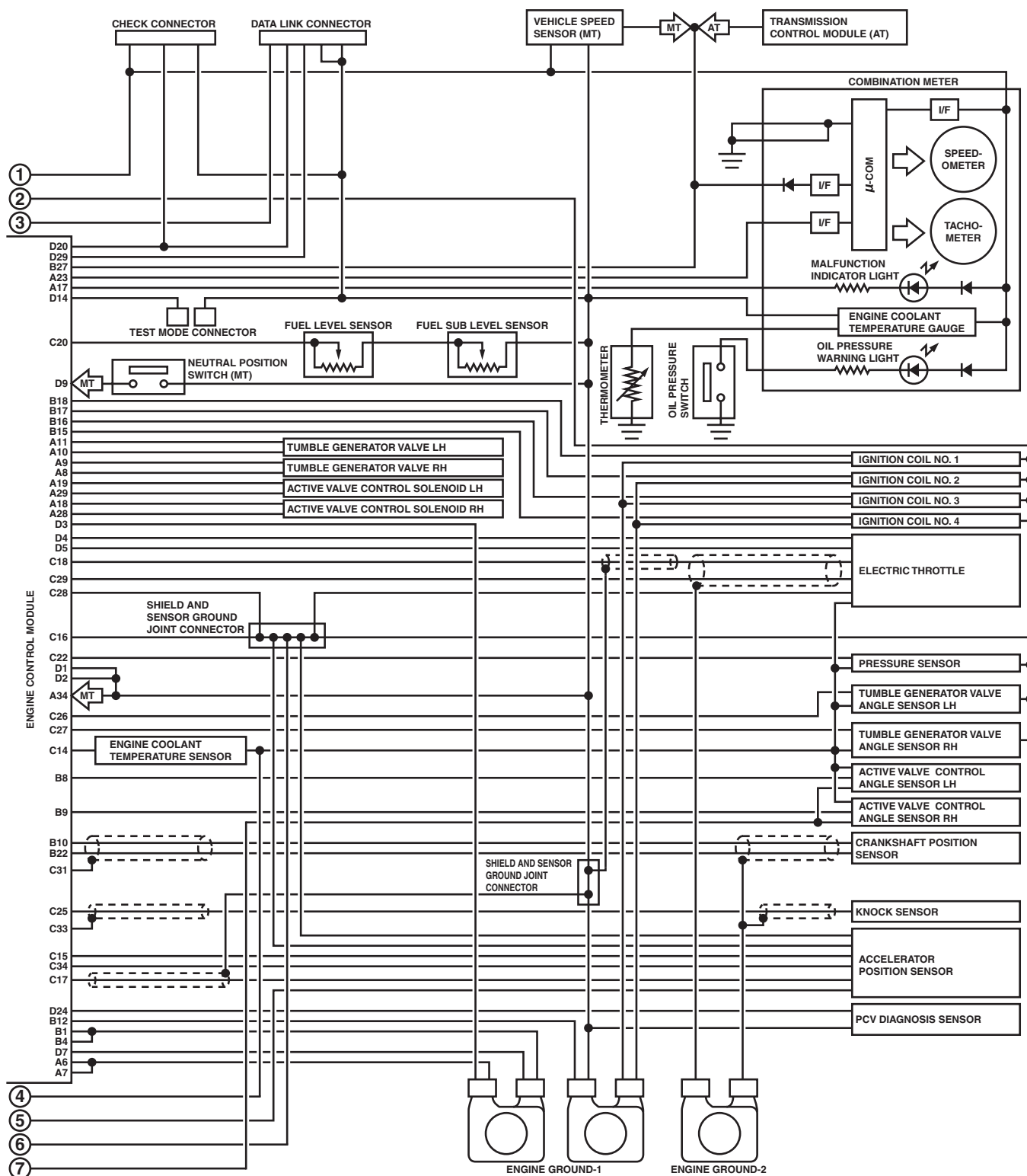
ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM

2. TURBO ENGINE MODEL

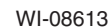


WI-08611



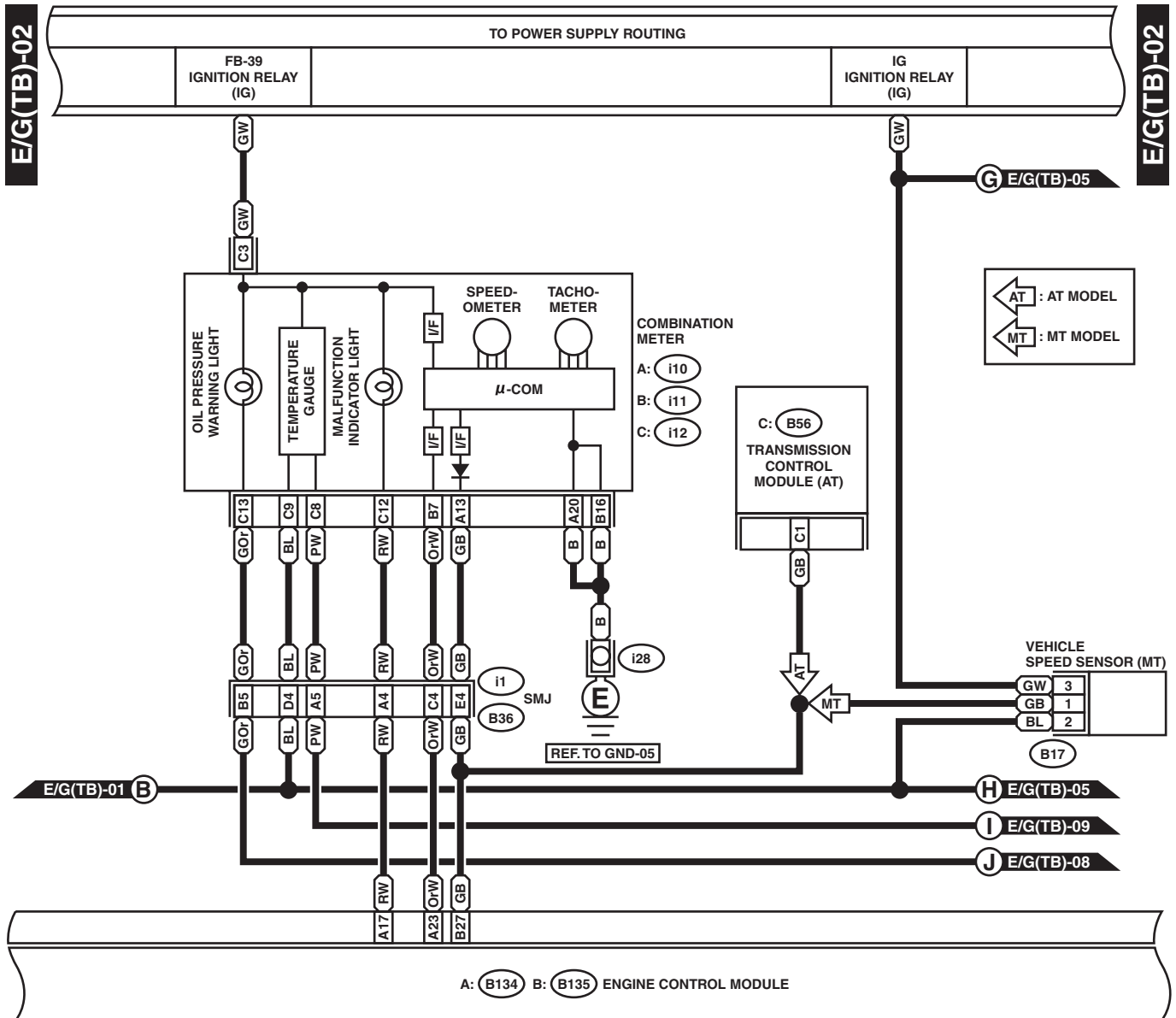
WI-08612

WIRING SYSTEM



ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



B17 HR

1	2
3	4

C: i12 (GREEN)

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

B: i11 (GREEN)

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

A: 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

C: B56 HR

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

A: B134 HR

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

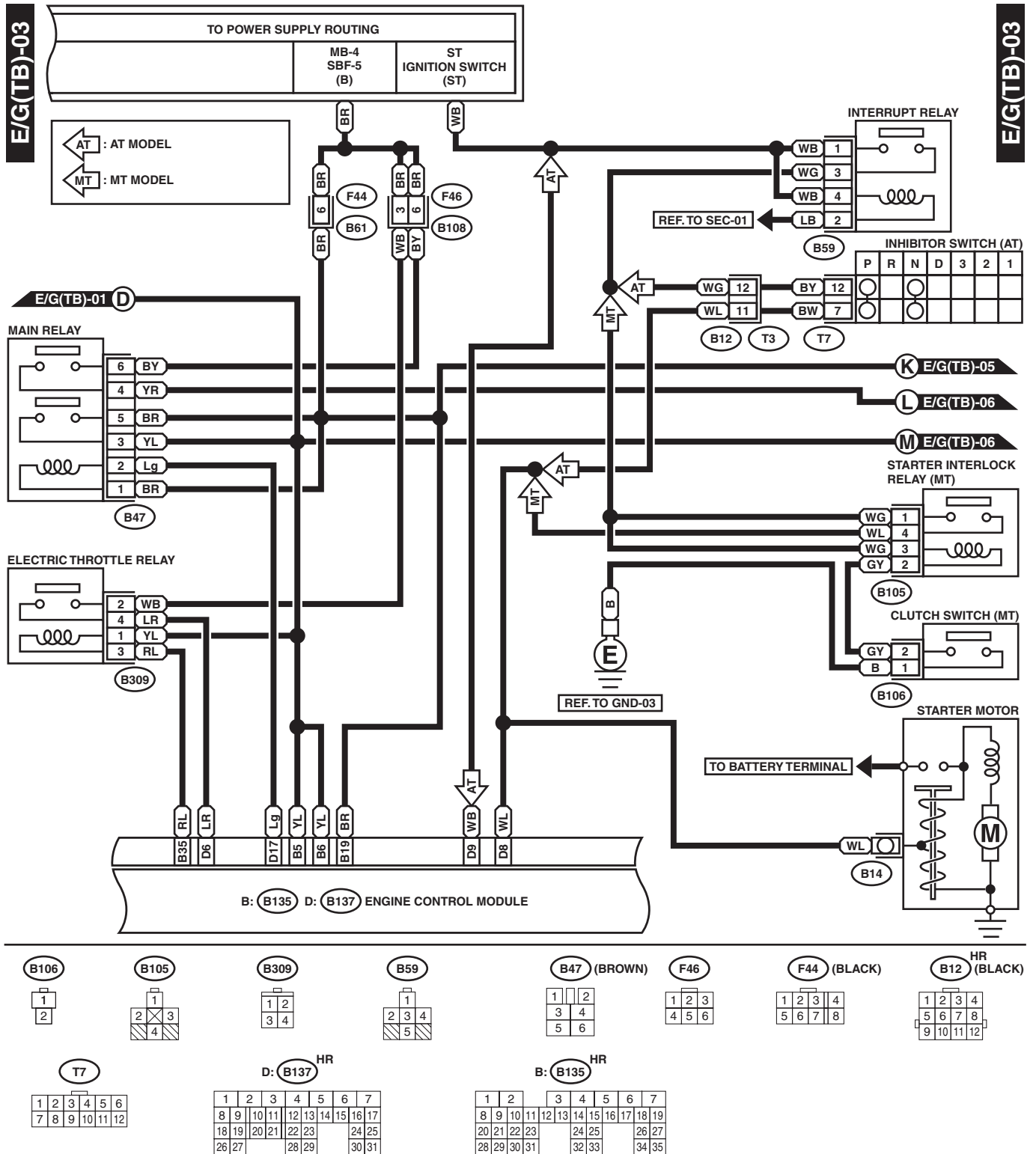
B: B135 HR

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-08614

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM

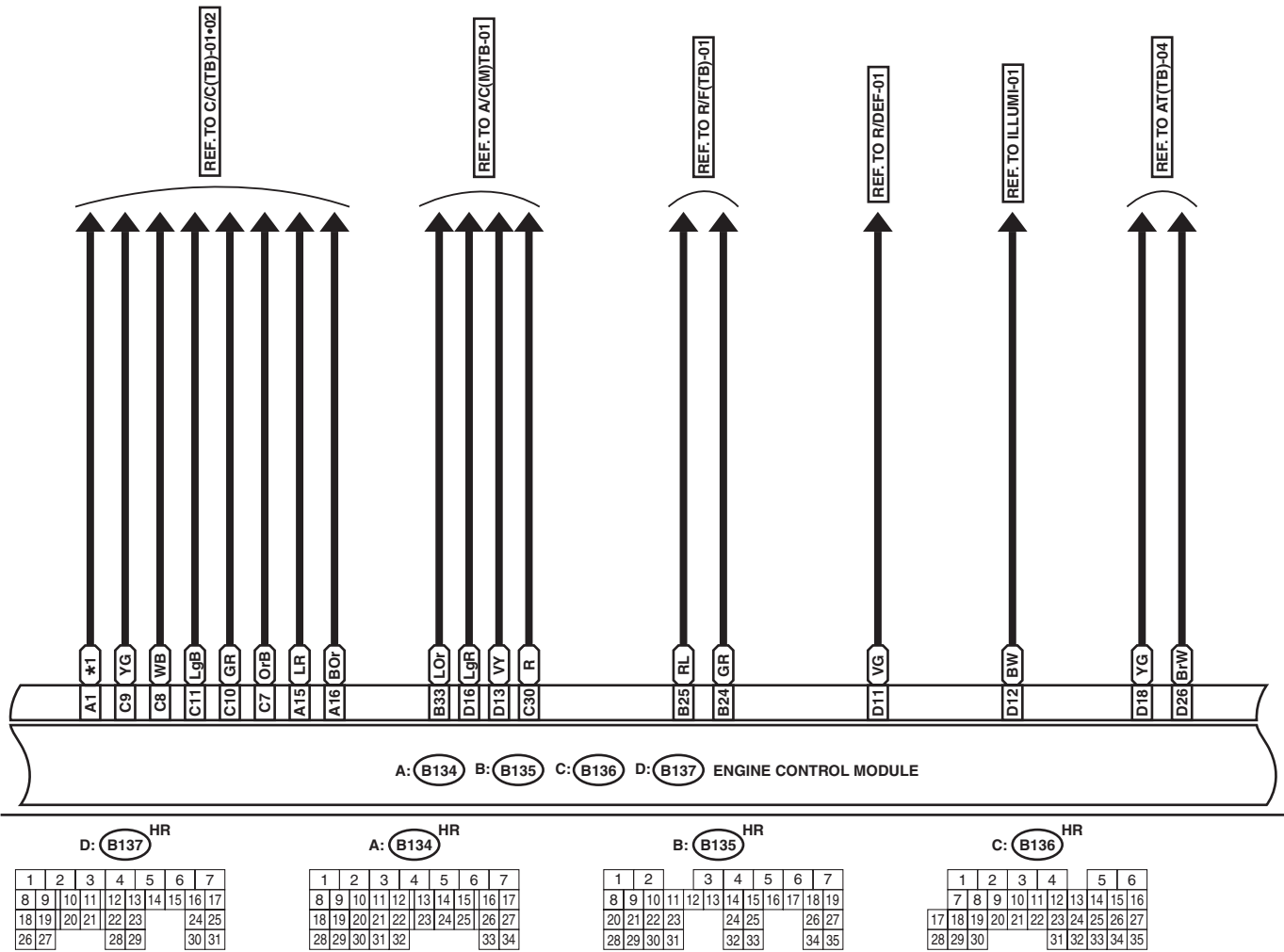


WI-08615

E/G(TB)-04

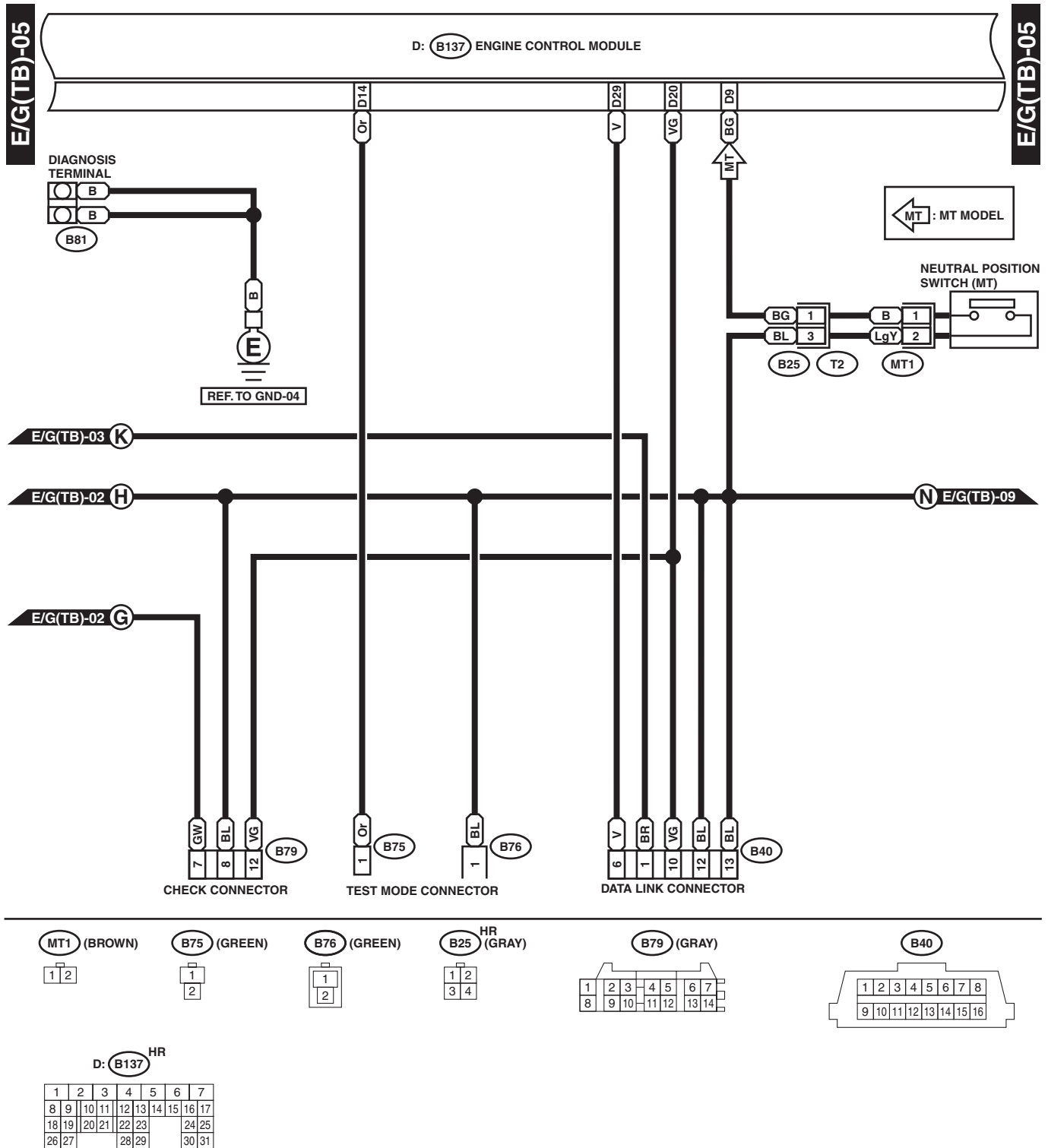
E/G(TB)-04

★1 : AT MODEL : GR
MT MODEL : YR



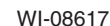
ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



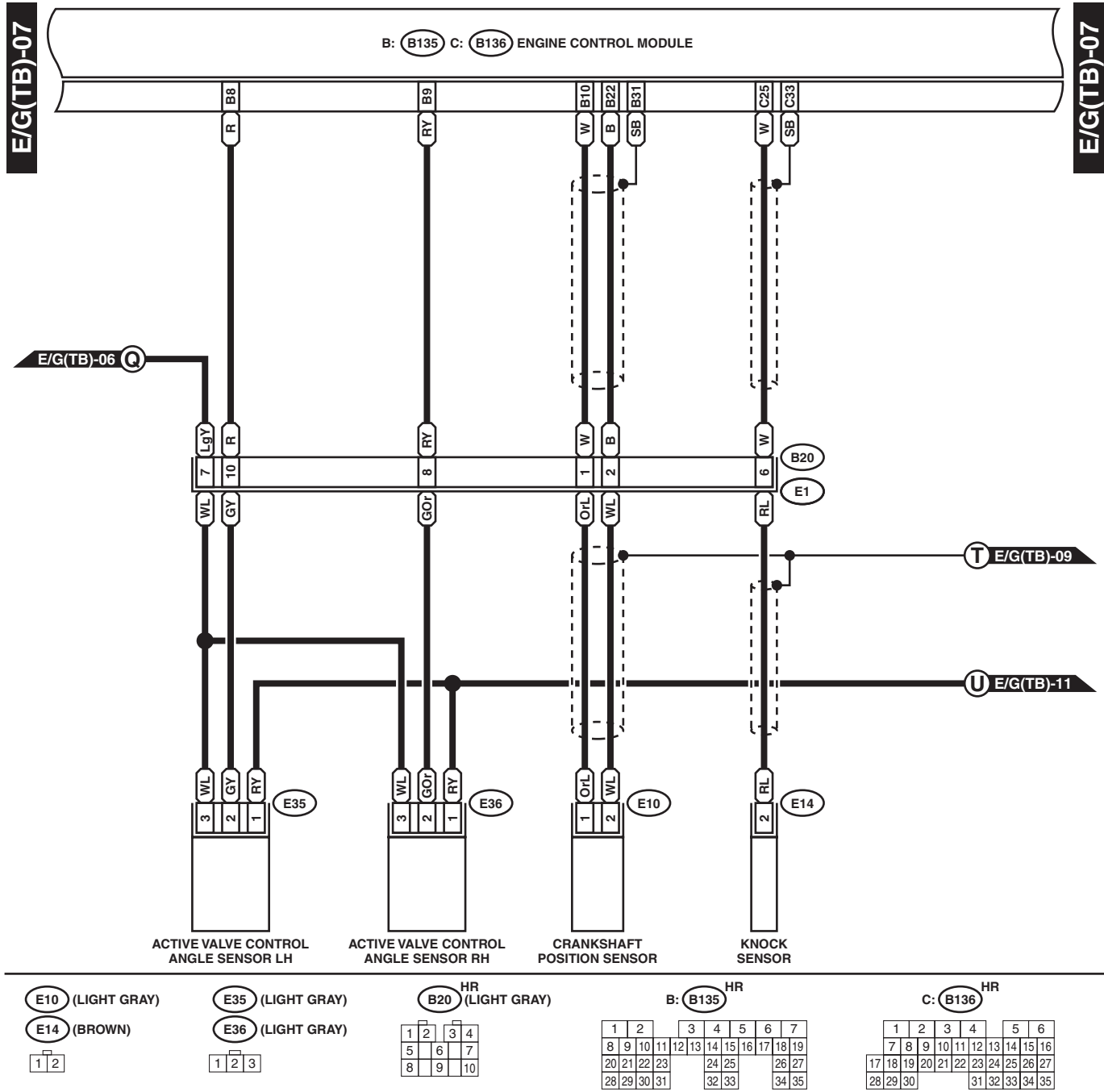
WI-08616

WIRING SYSTEM



ENGINE ELECTRICAL SYSTEM

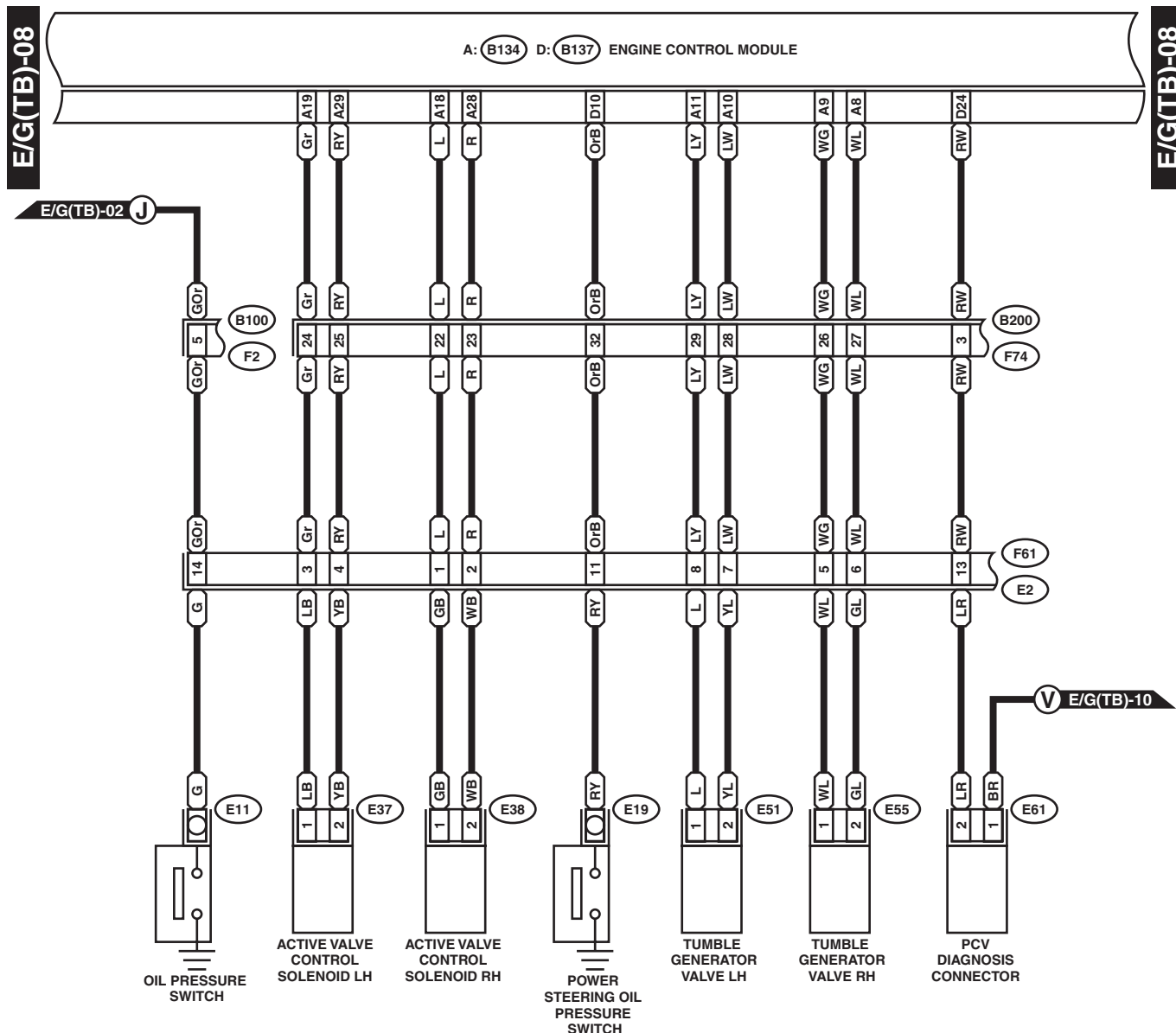
WIRING SYSTEM



WI-08618

ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



E37 (BLUE)

E38 (BLUE)

E51 (BLACK)

E55 (BLACK)

E61 (DARK GRAY)

1 2

F2 (BLUE)

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

A: B134 HR

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	

F61 HR (BLACK)

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

D: B137 HR

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				

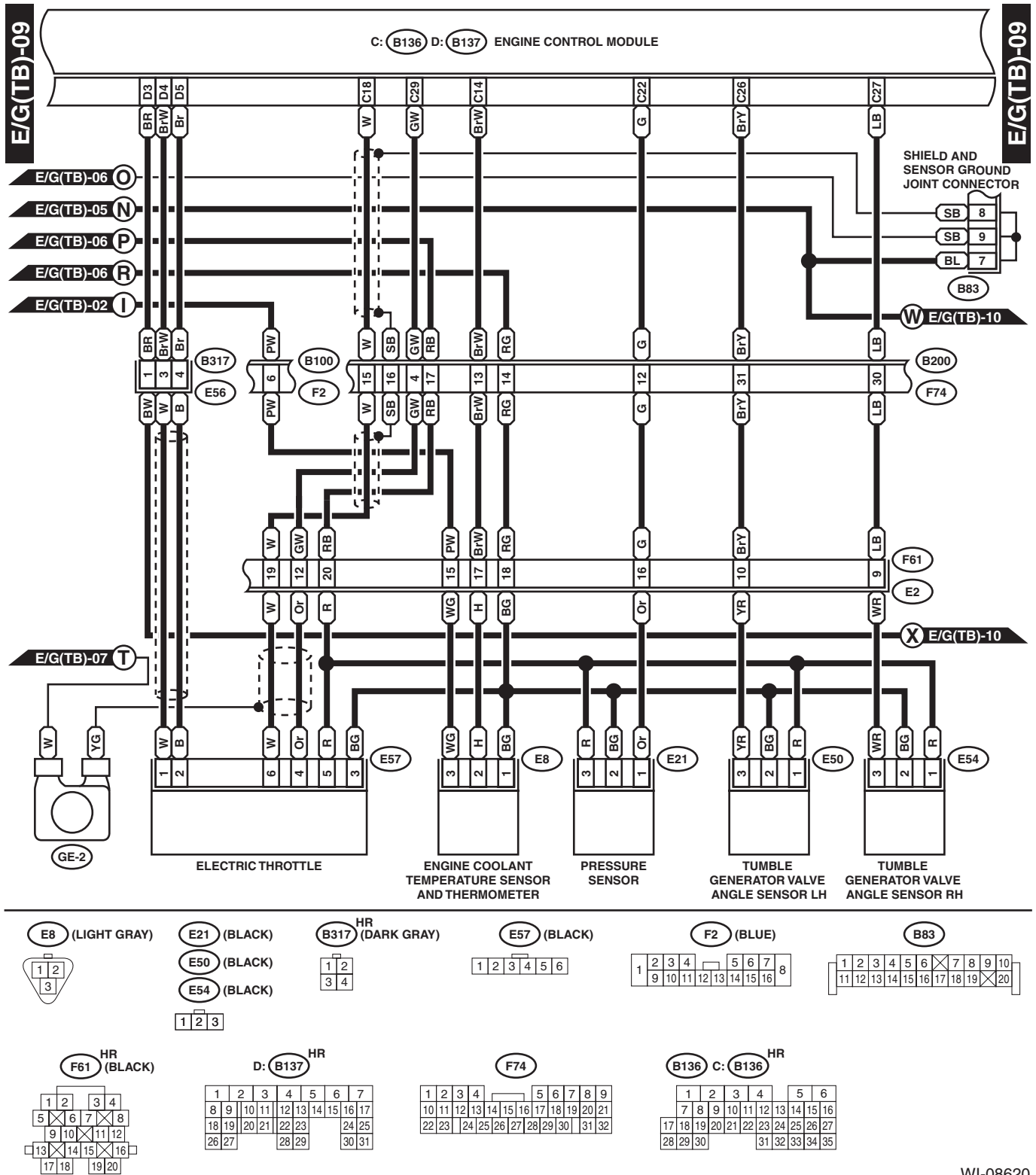
F74

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				

WI-08619

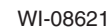
ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



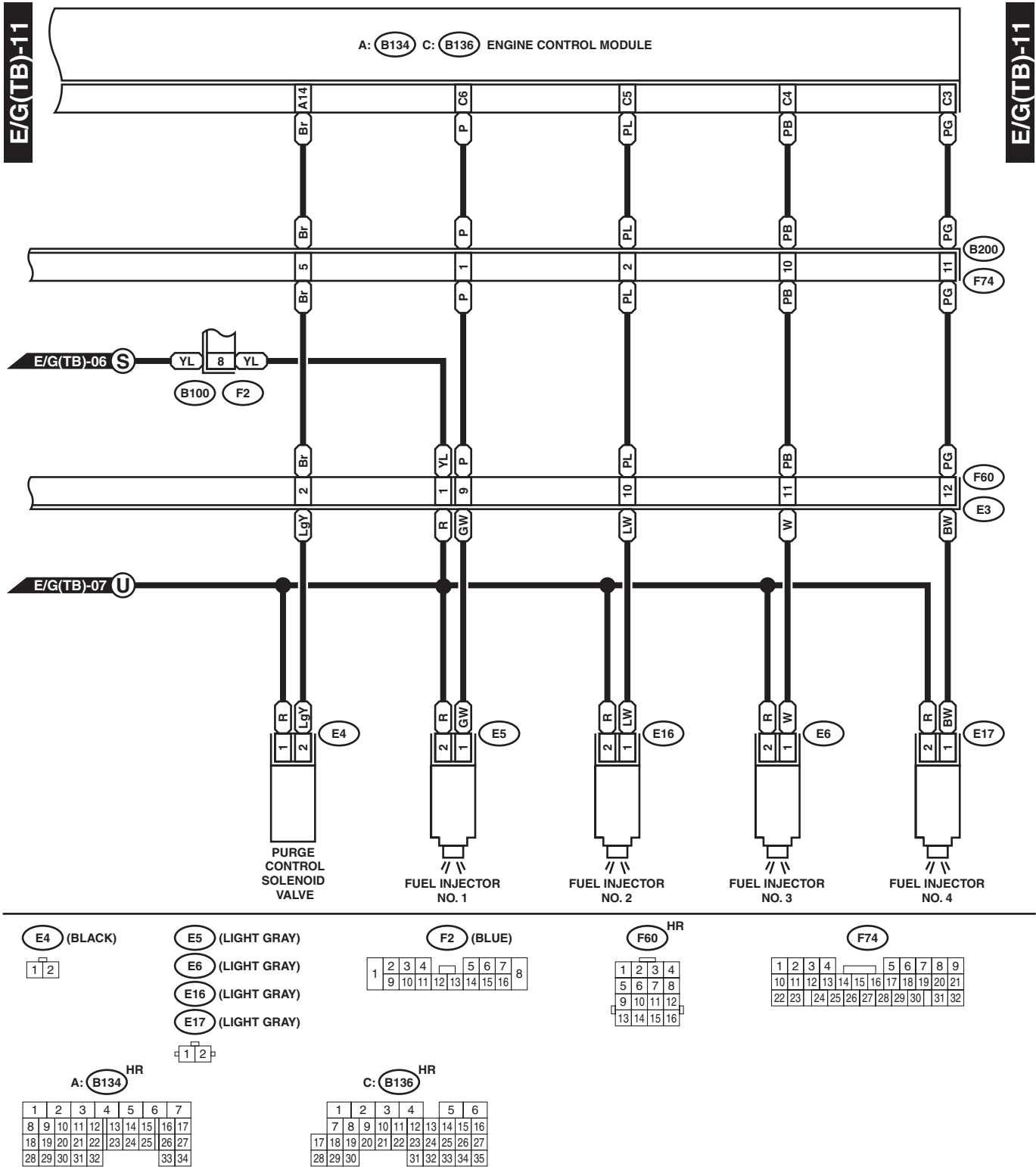
WI-08620

WIRING SYSTEM



ENGINE ELECTRICAL SYSTEM

WIRING SYSTEM



WI-08622

MEMO:

A: SCHEMATIC

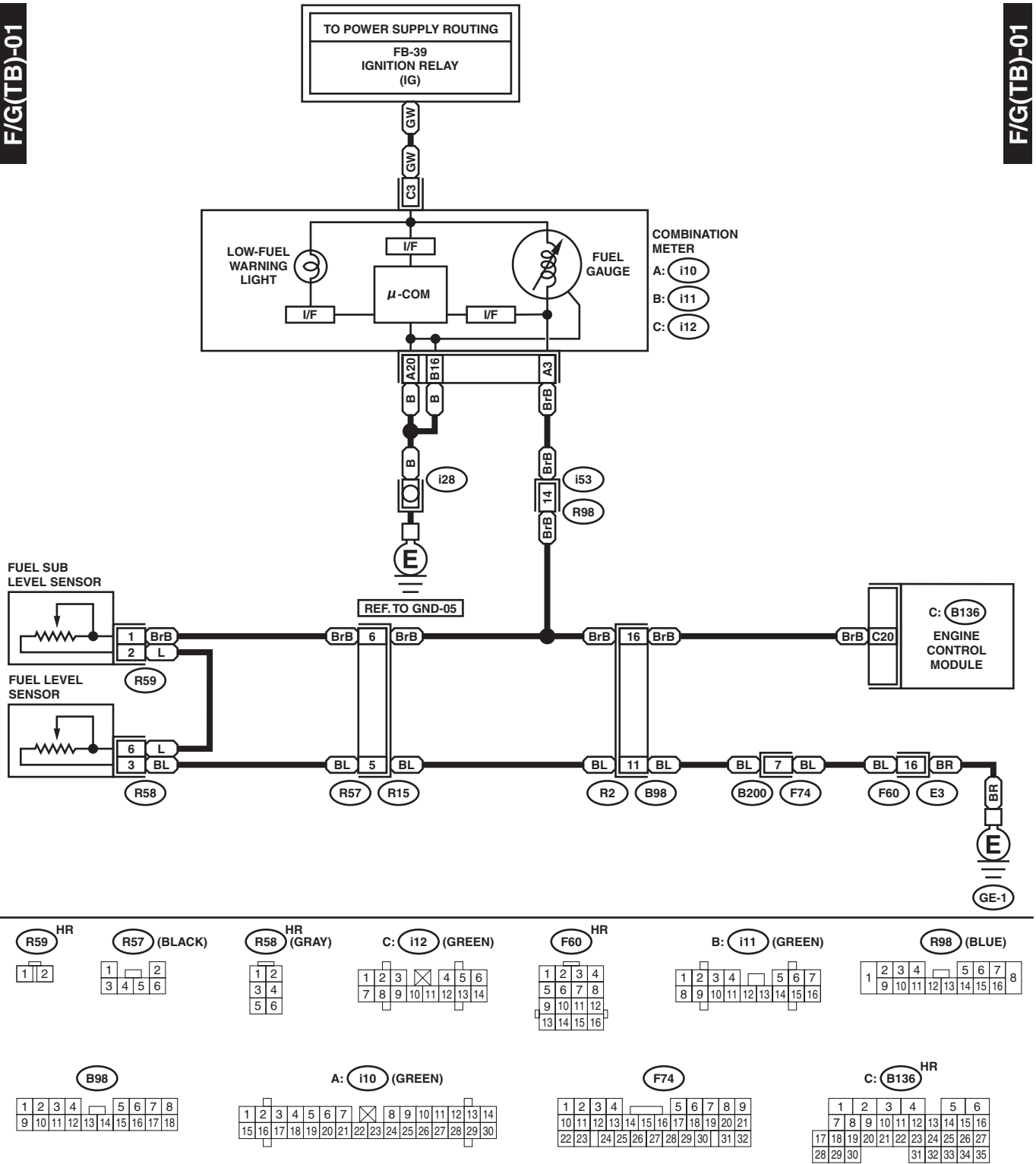
1. NON-TURBO ENGINE MODEL



2. TURBO ENGINE MODEL

F/G(TB)-01

F/G(TB)-01



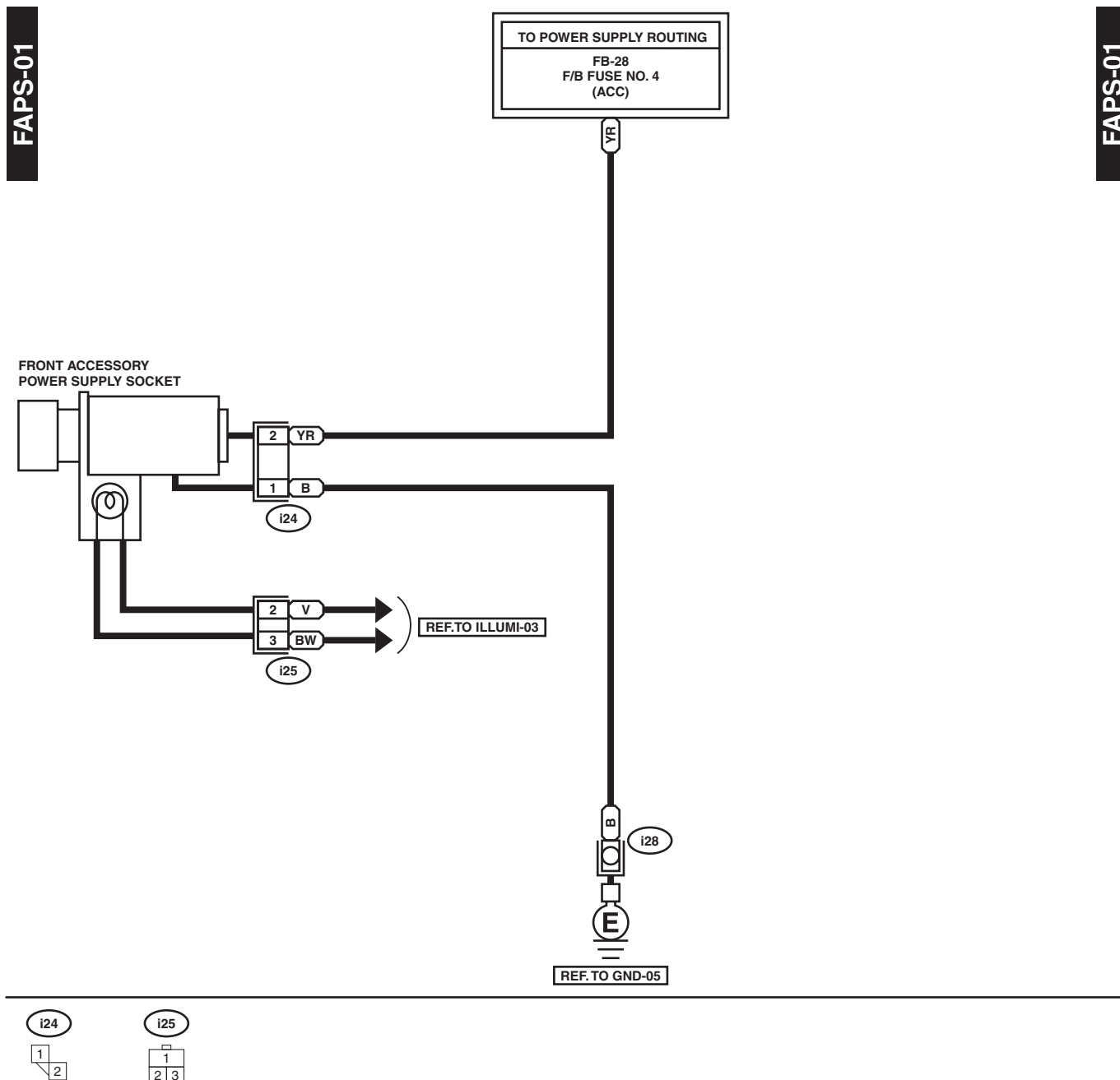
WI-08571

FRONT ACCESSORY POWER SUPPLY SYSTEM

WIRING SYSTEM

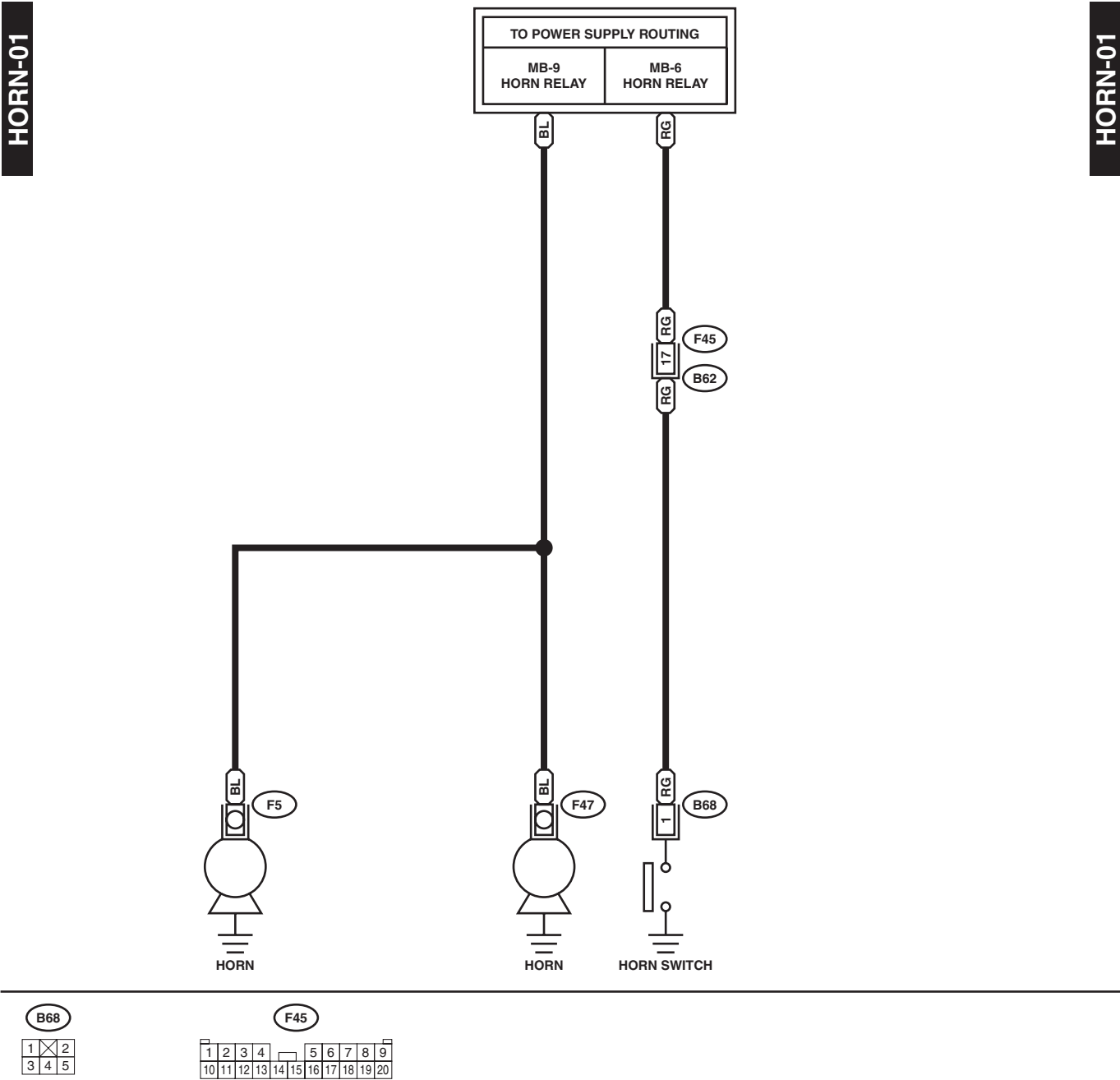
19.Front Accessory Power Supply System

A: SCHEMATIC



WI-05743

20.Horn System
A: SCHEMATIC

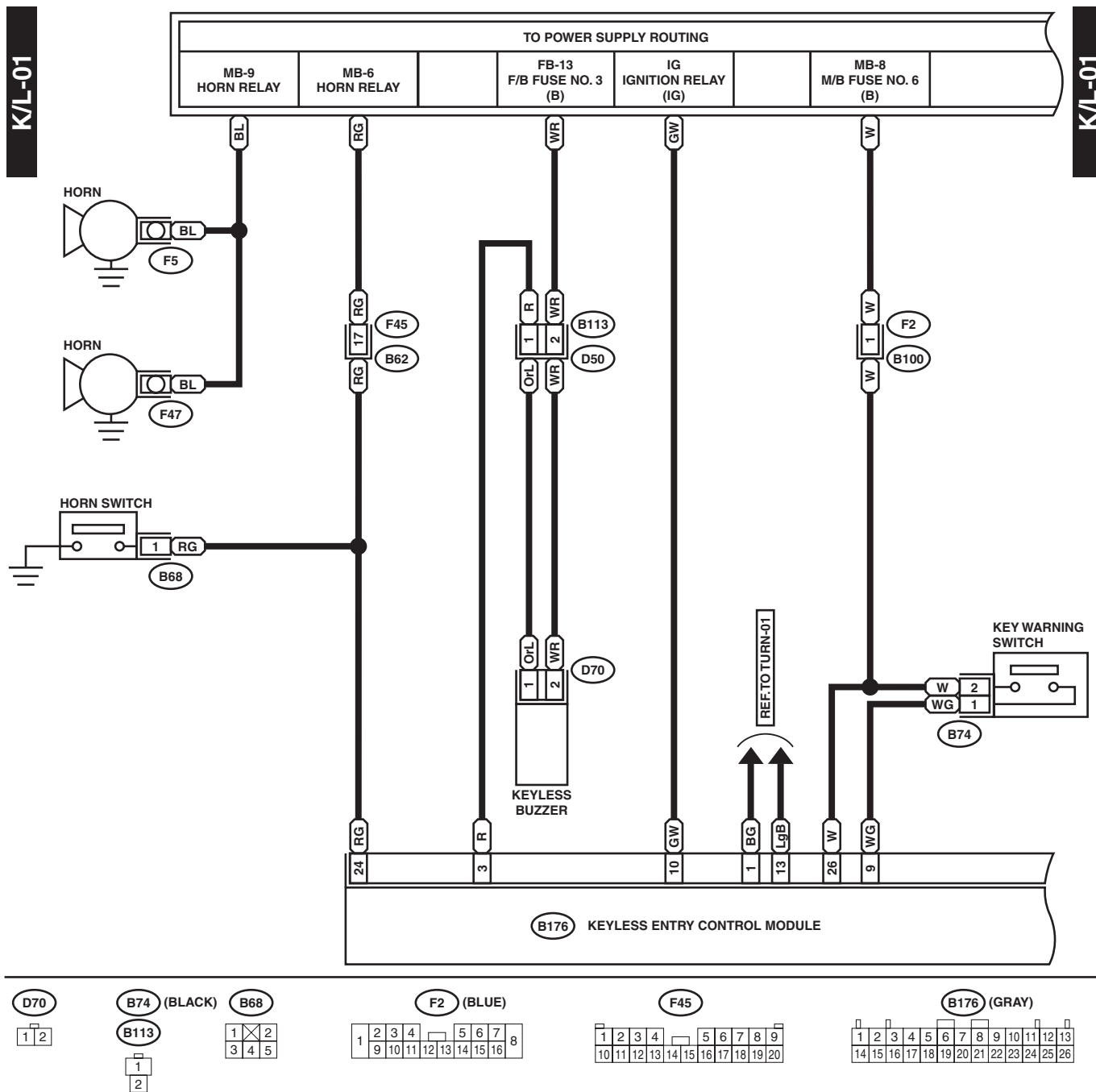


KEYLESS ENTRY SYSTEM

WIRING SYSTEM

21.Keyless Entry System

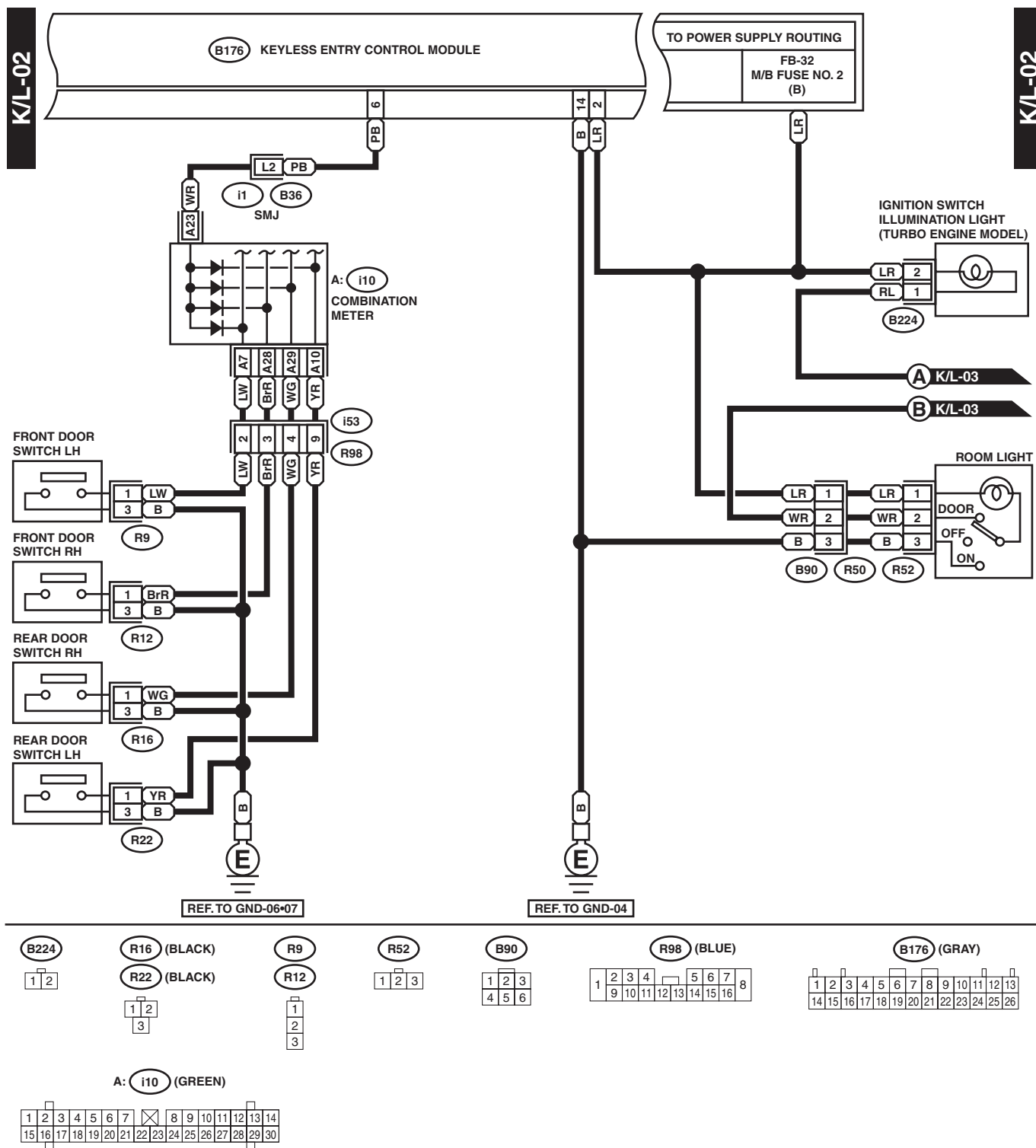
A: SCHEMATIC



WI-08572

KEYLESS ENTRY SYSTEM

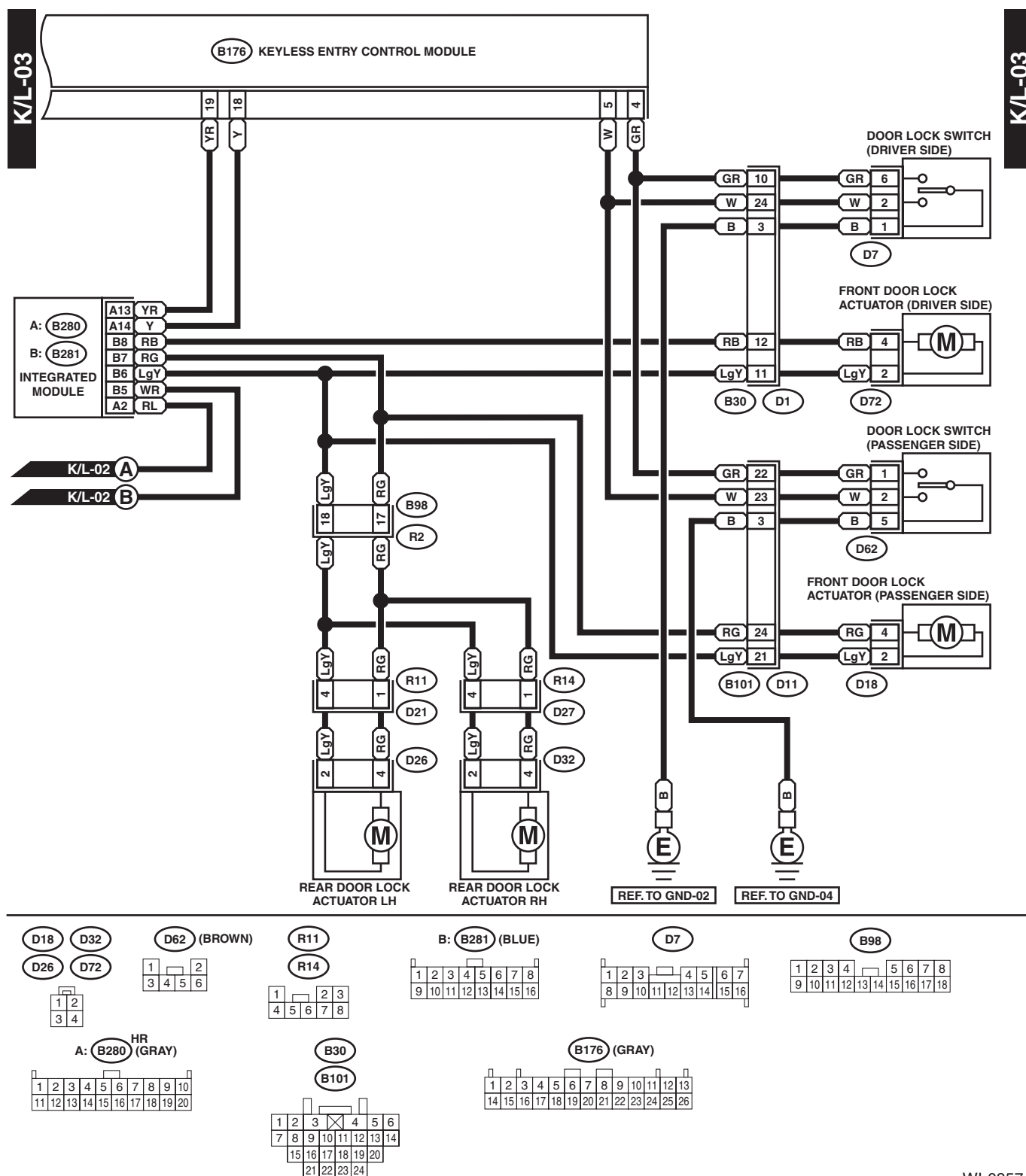
WIRING SYSTEM



WI-08573

KEYLESS ENTRY SYSTEM

WIRING SYSTEM



WI-08574

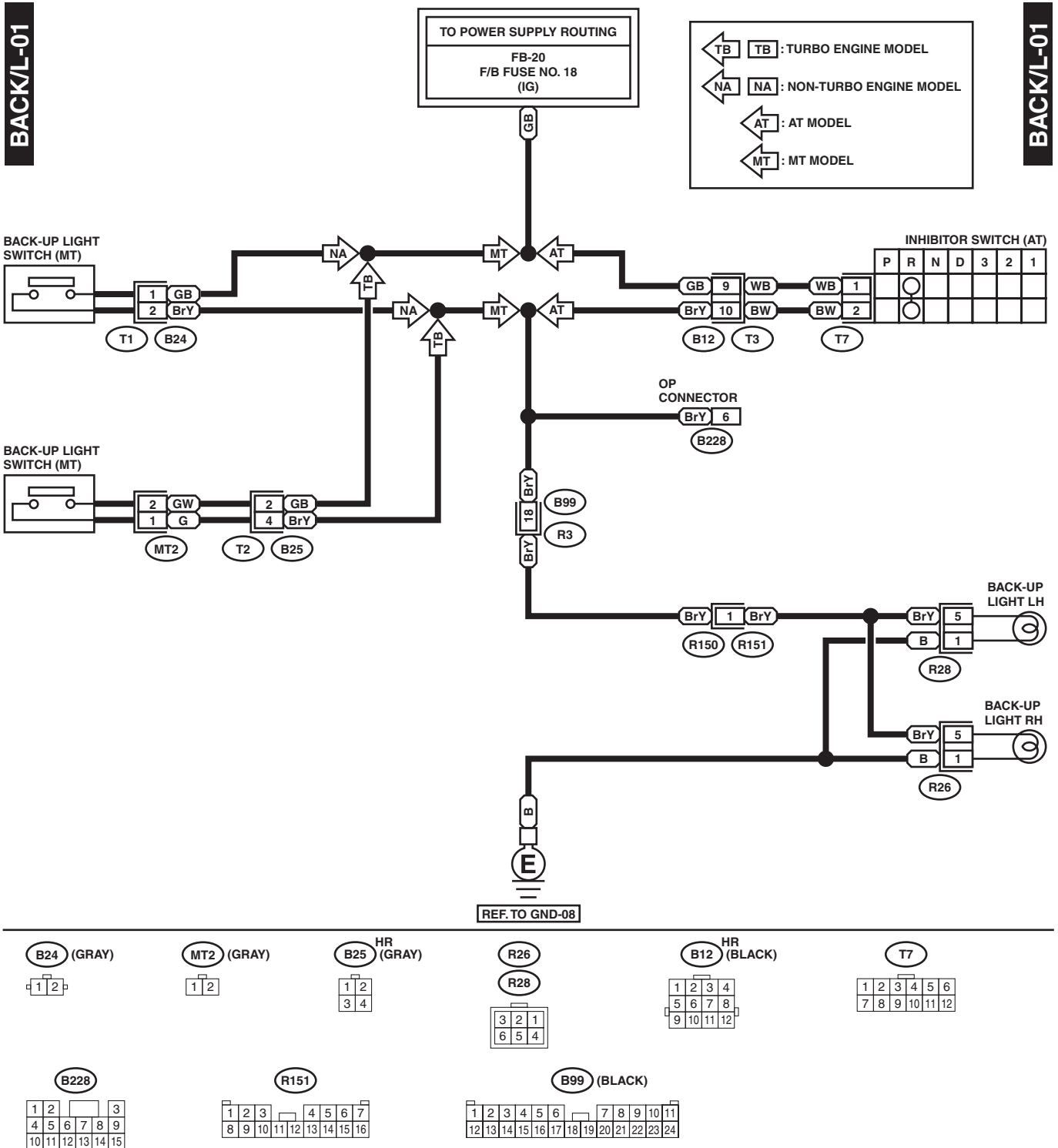
MEMO:

BACK-UP LIGHT SYSTEM

WIRING SYSTEM

22.Back-up Light System

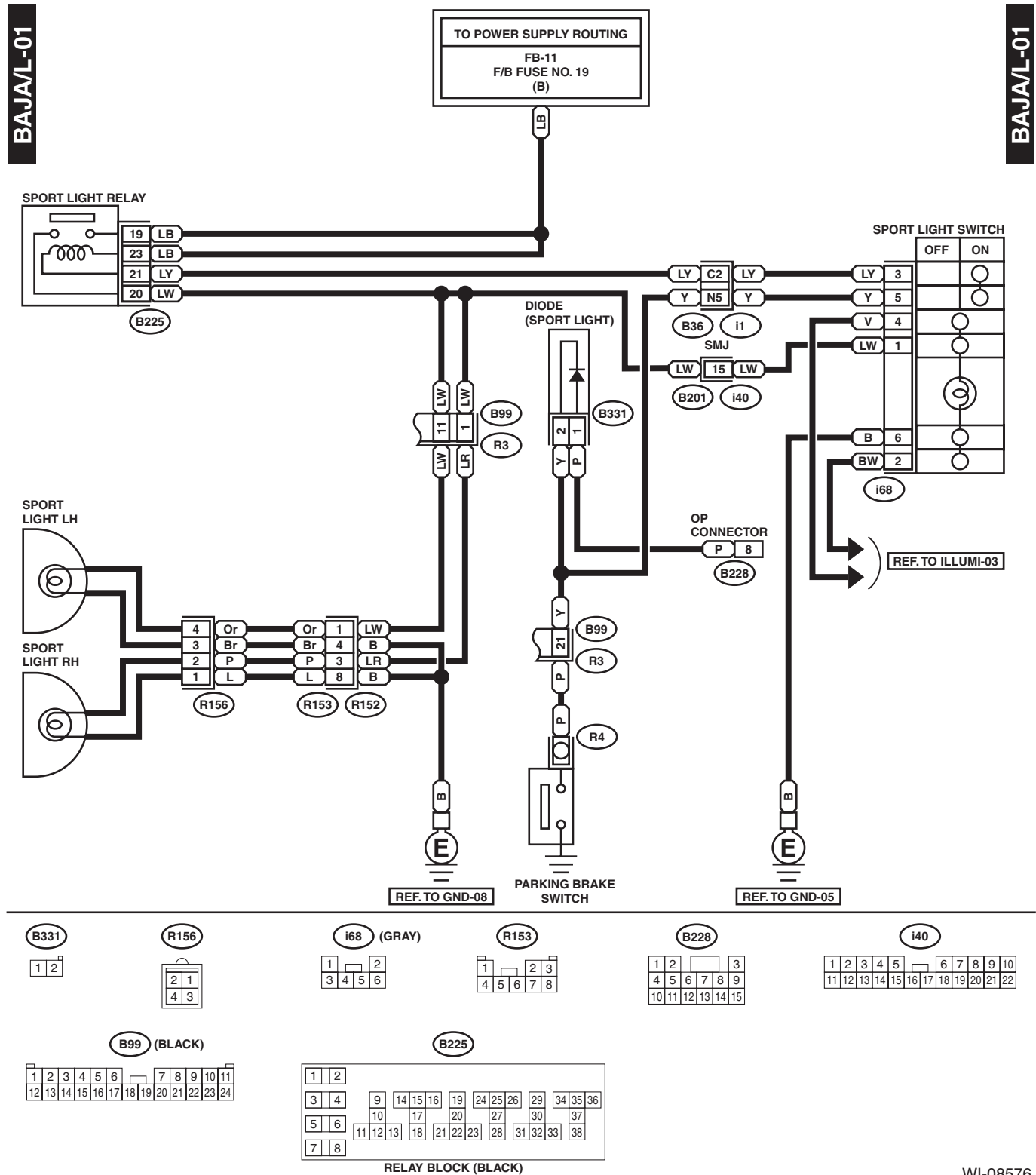
A: SCHEMATIC



WI-08575

23.Sport Activity Light System

A: SCHEMATIC



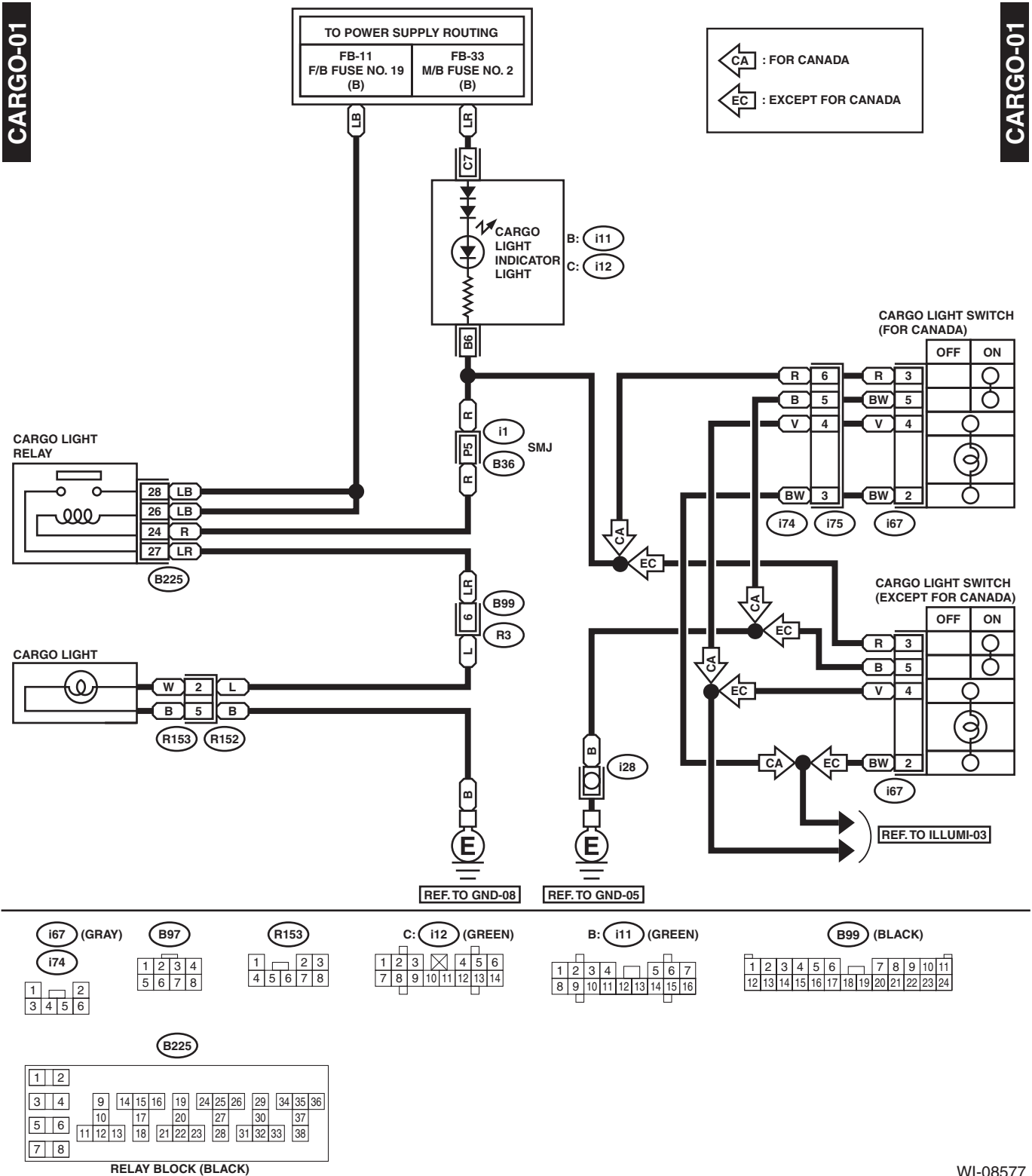
WI-08576

CARGO LIGHT SYSTEM

WIRING SYSTEM

24.Cargo Light System

A: SCHEMATIC



WI-08577

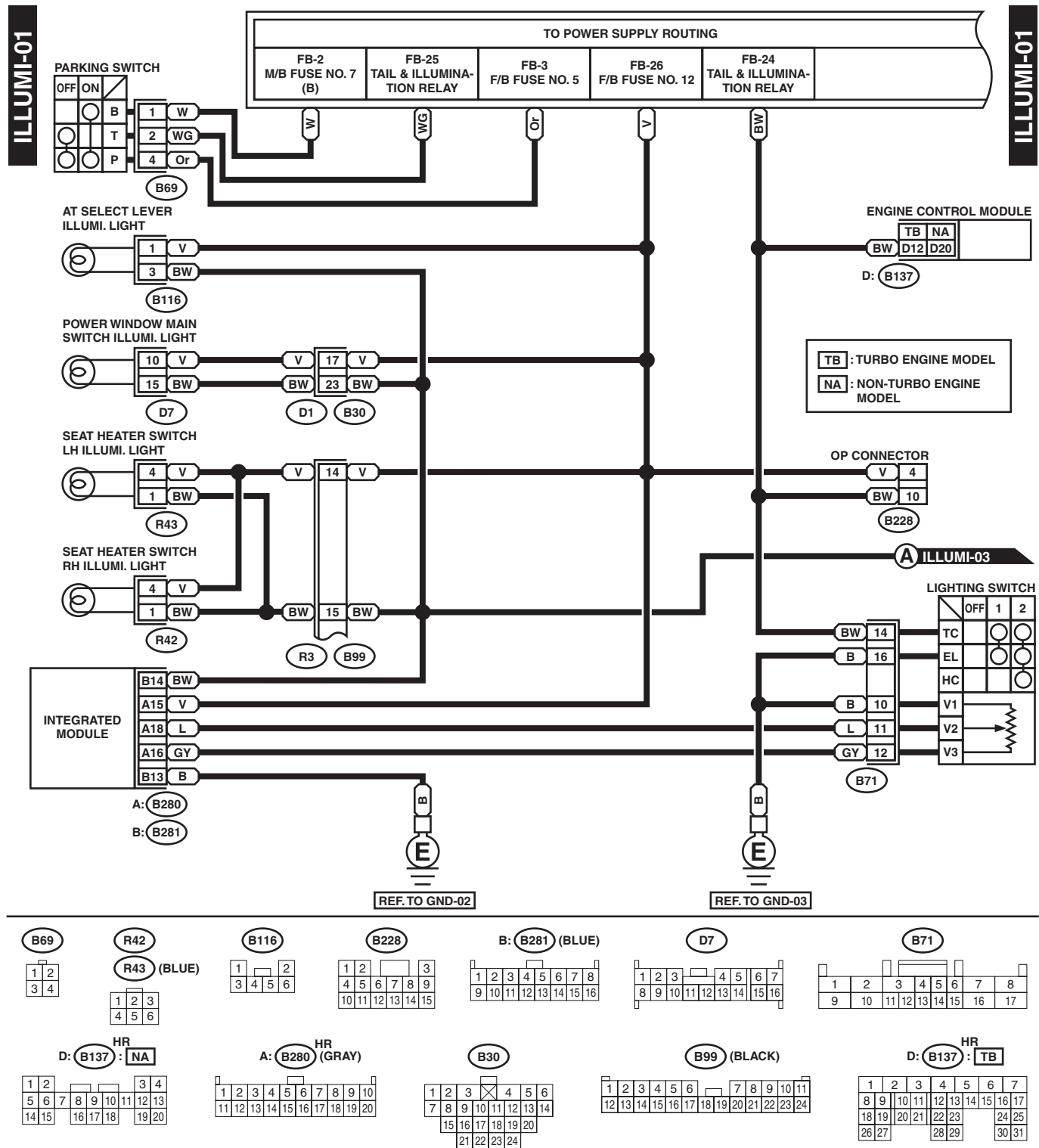
MEMO:

CLEARANCE LIGHT AND ILLUMINATION LIGHT SYSTEM

WIRING SYSTEM

25. Clearance Light and Illumination Light System

A: SCHEMATIC



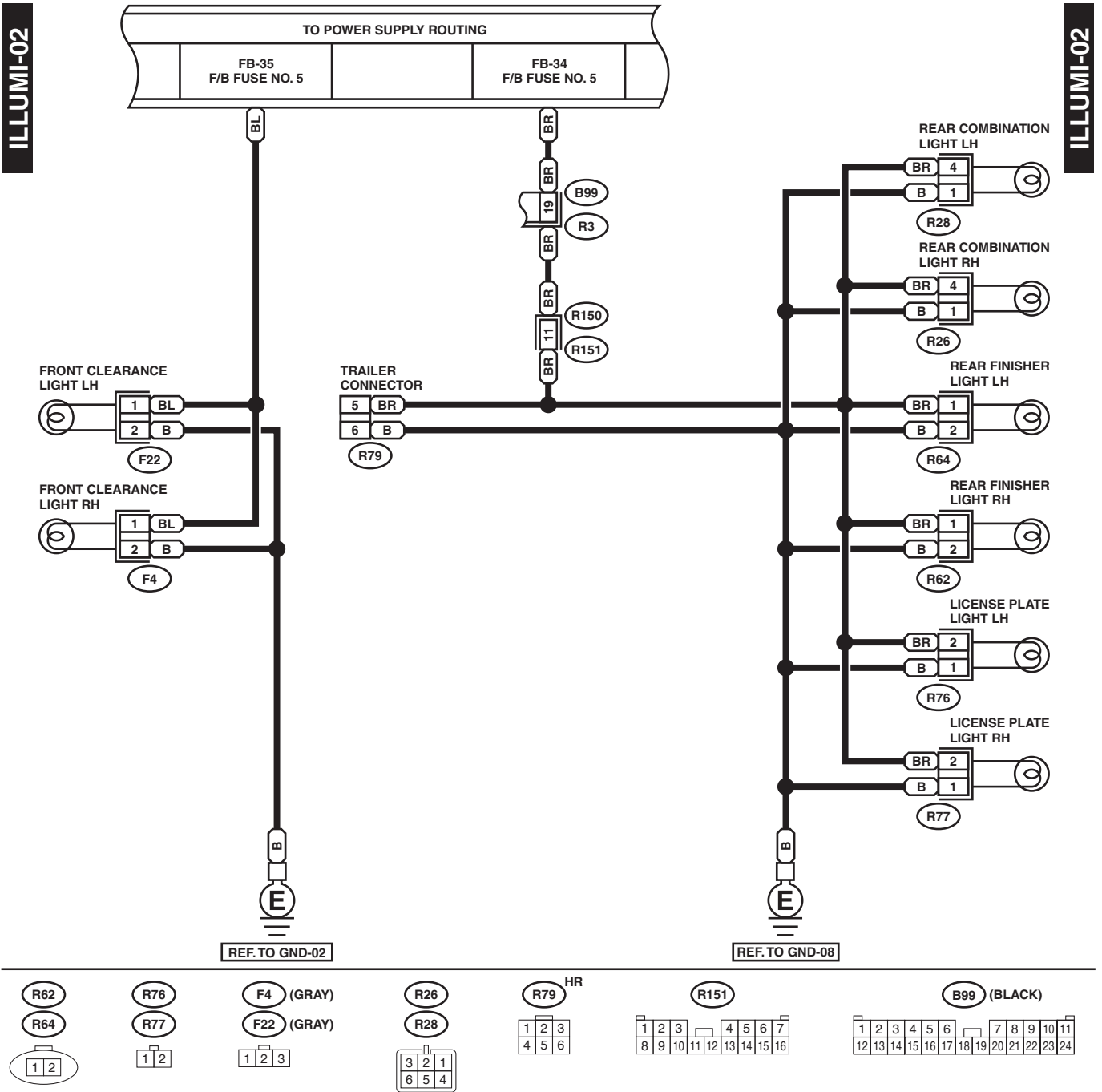
WI-06806

CLEARANCE LIGHT AND ILLUMINATION LIGHT SYSTEM

WIRING SYSTEM

ILLUMI-02

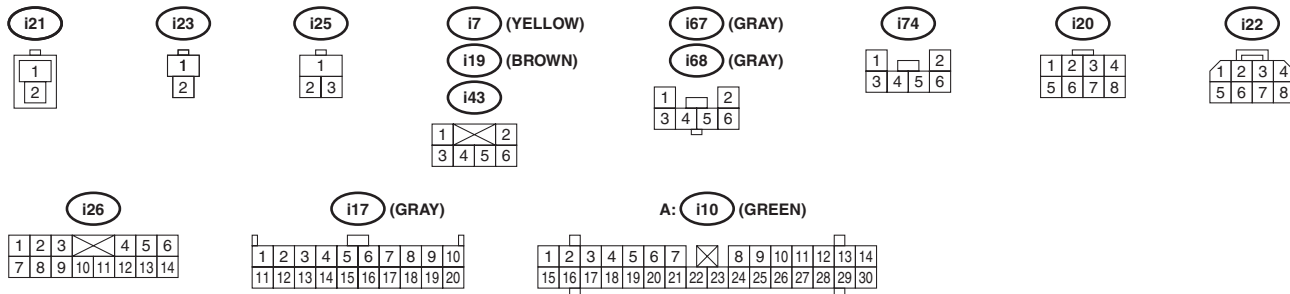
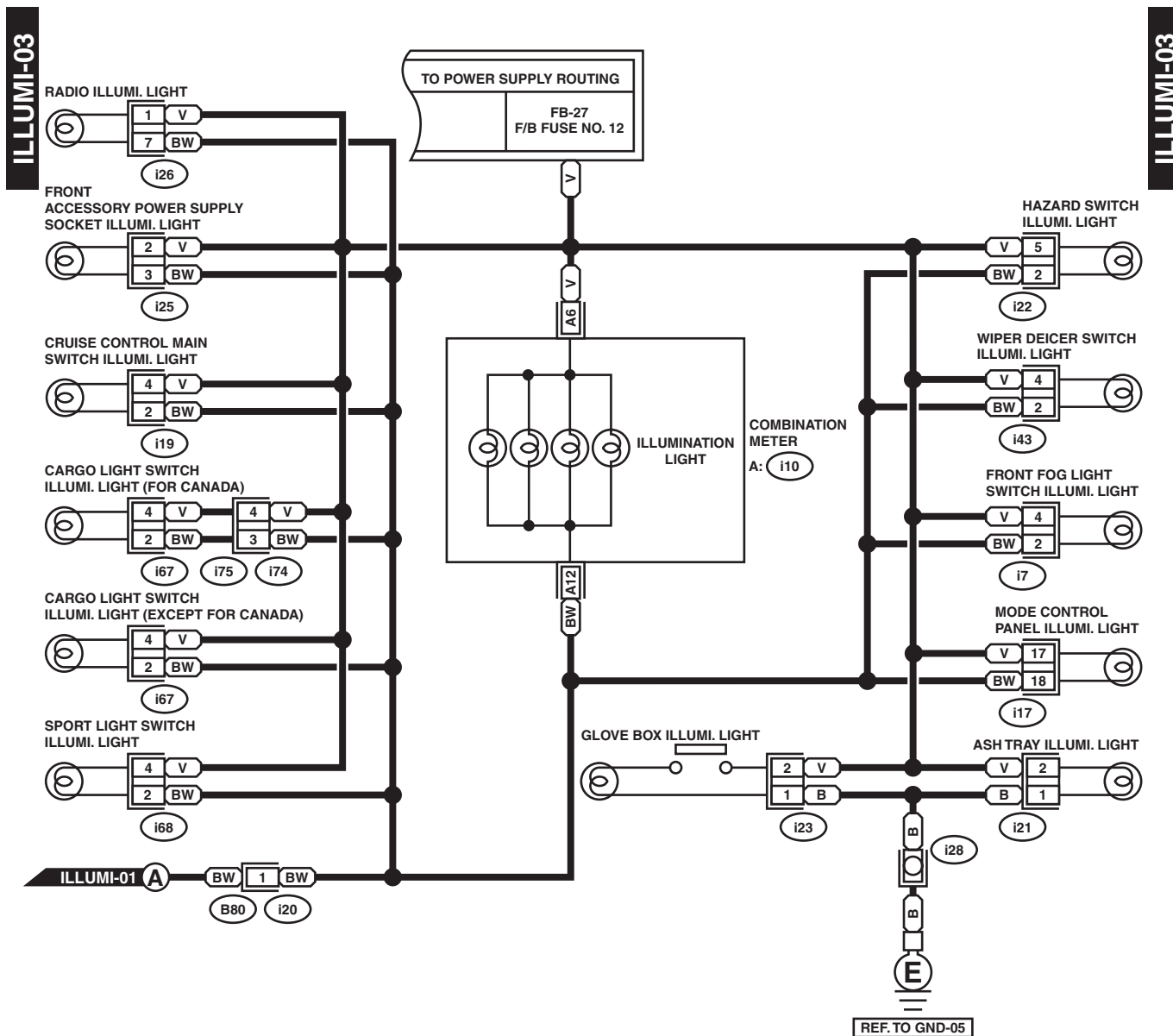
ILLUMI-02



WI-08578

CLEARANCE LIGHT AND ILLUMINATION LIGHT SYSTEM

WIRING SYSTEM



WI-05753

CLEARANCE LIGHT AND ILLUMINATION LIGHT SYSTEM

WIRING SYSTEM

MEMO:

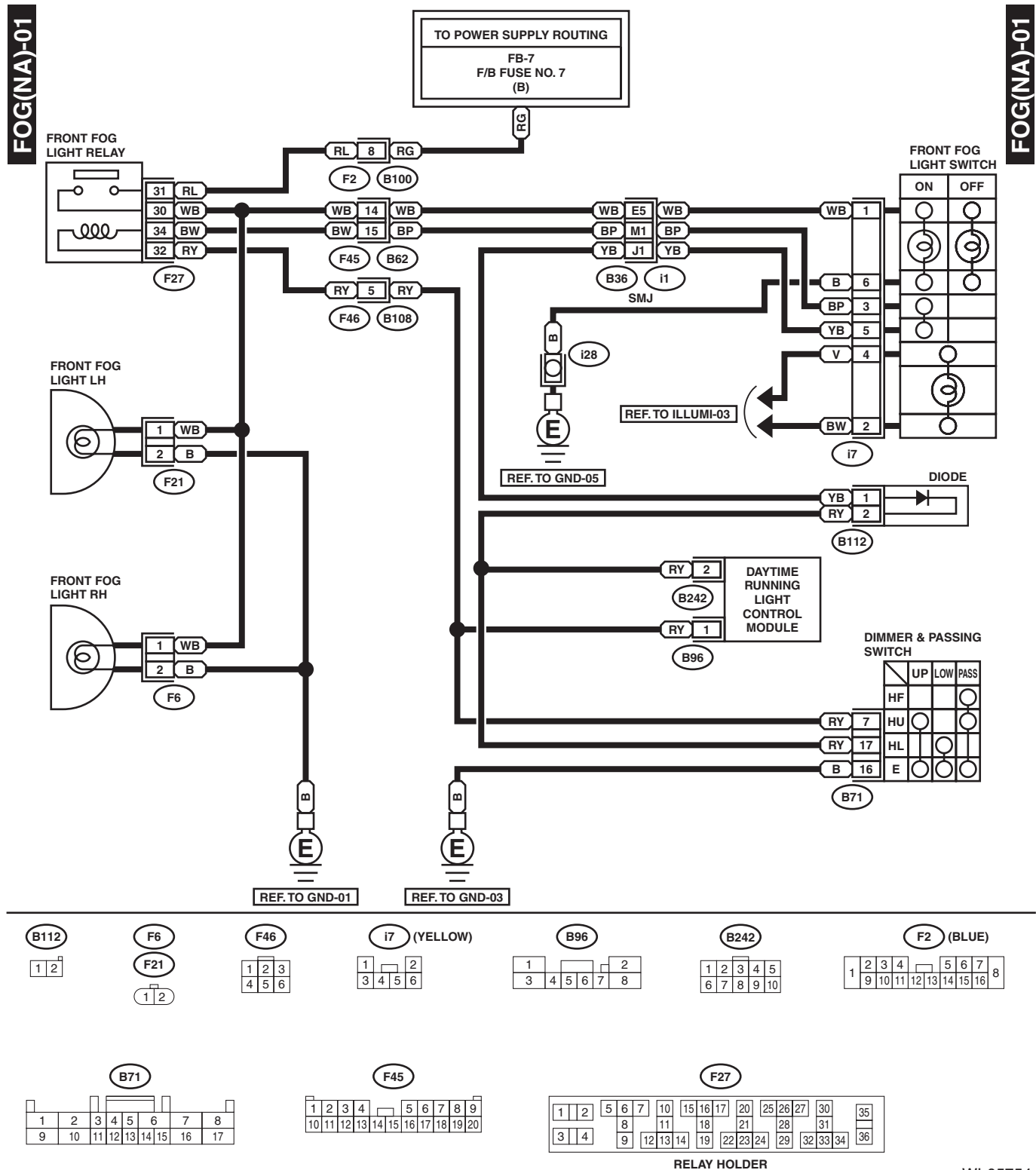
WIRING SYSTEM

26.Front Fog Light System

A: SCHEMATIC

A: SCHEMATIC

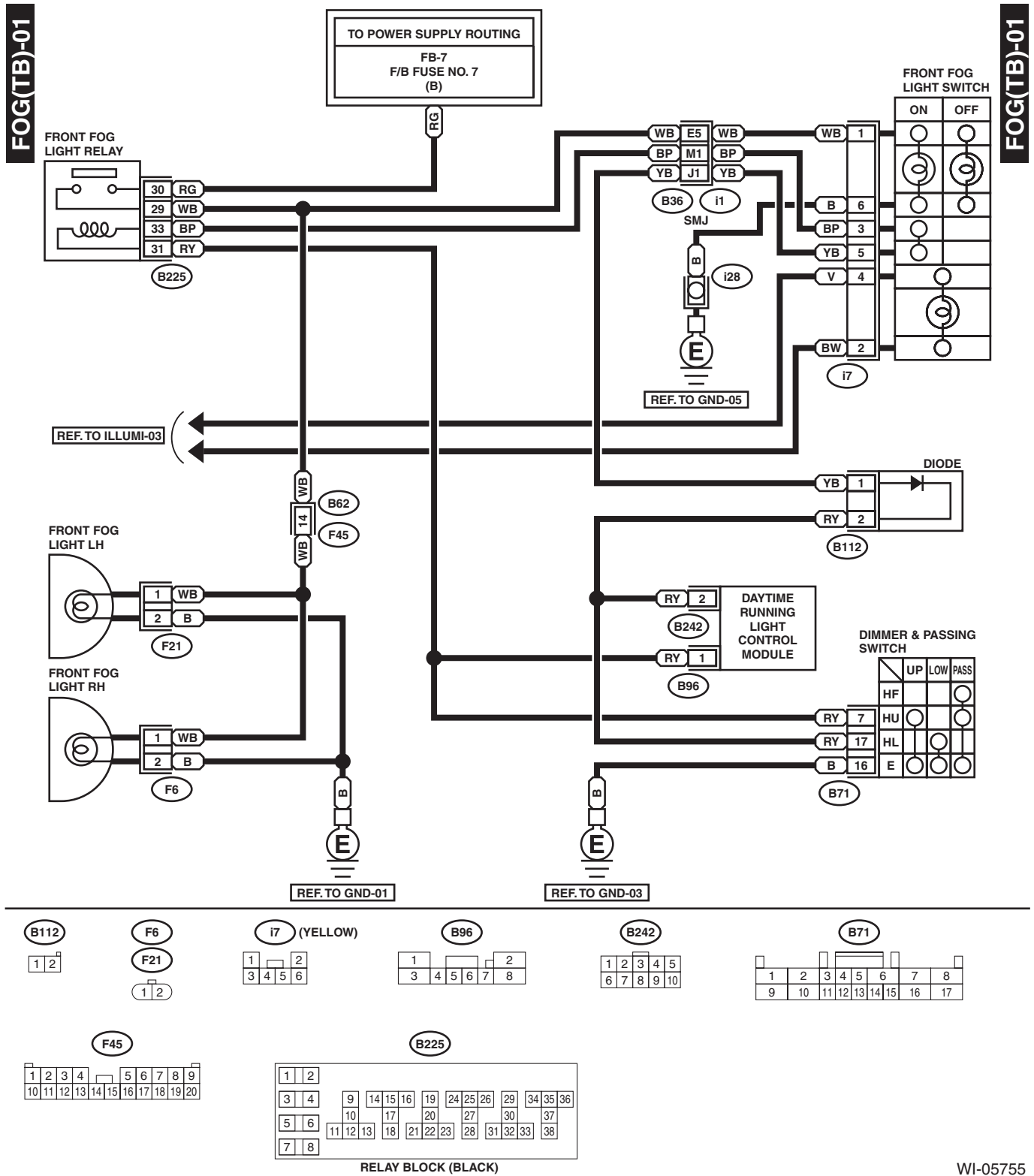
1. NON-TURBO ENGINE MODEL



FRONT FOG LIGHT SYSTEM

WIRING SYSTEM

2. TURBO ENGINE MODEL



WI-05755

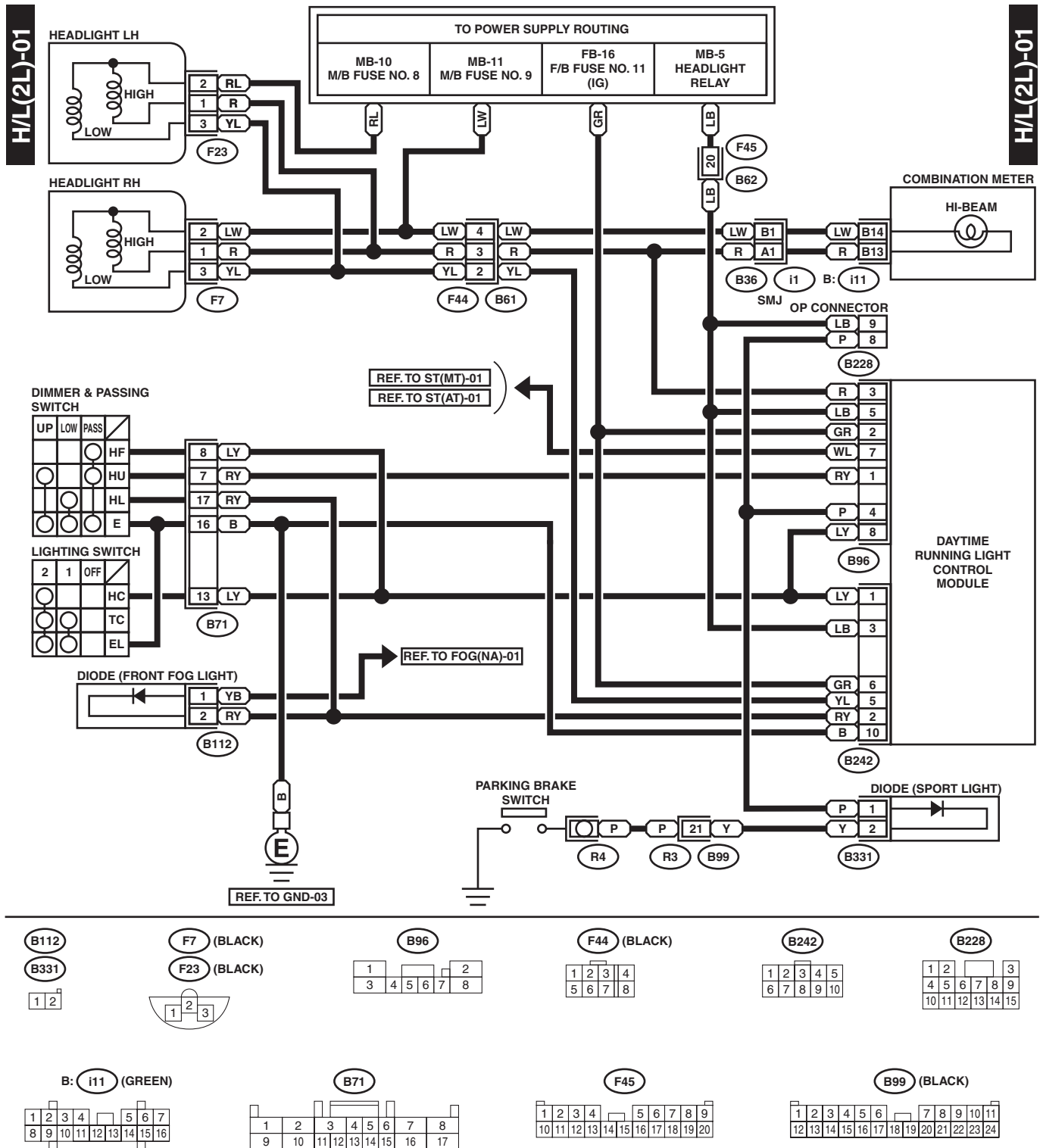
WIRING SYSTEM

27. Headlight System

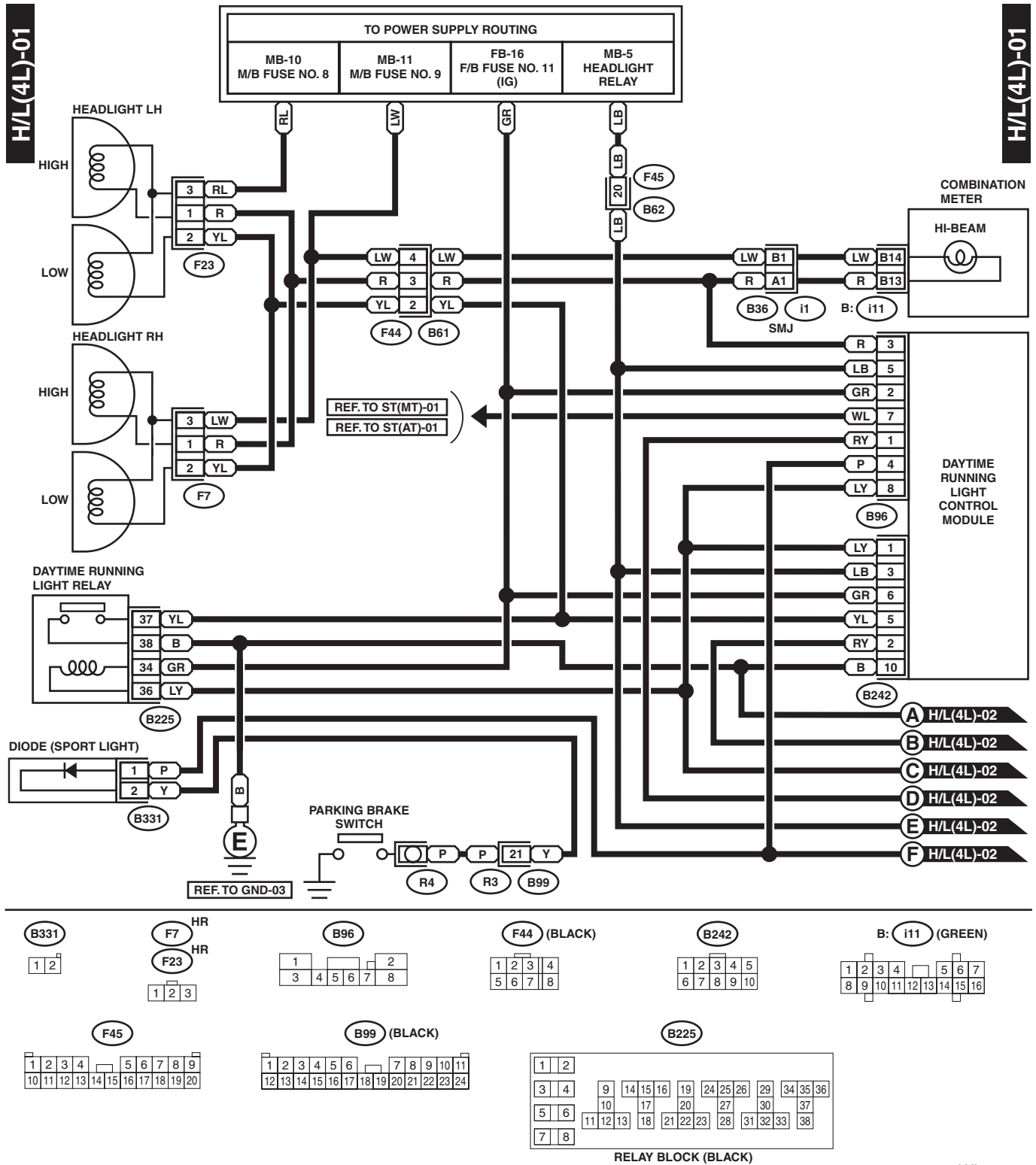
A: SCHEMATIC

1. 2-LIGHT MODEL

1. 2-LIGHT MODEL



2. 4-LIGHT MODEL



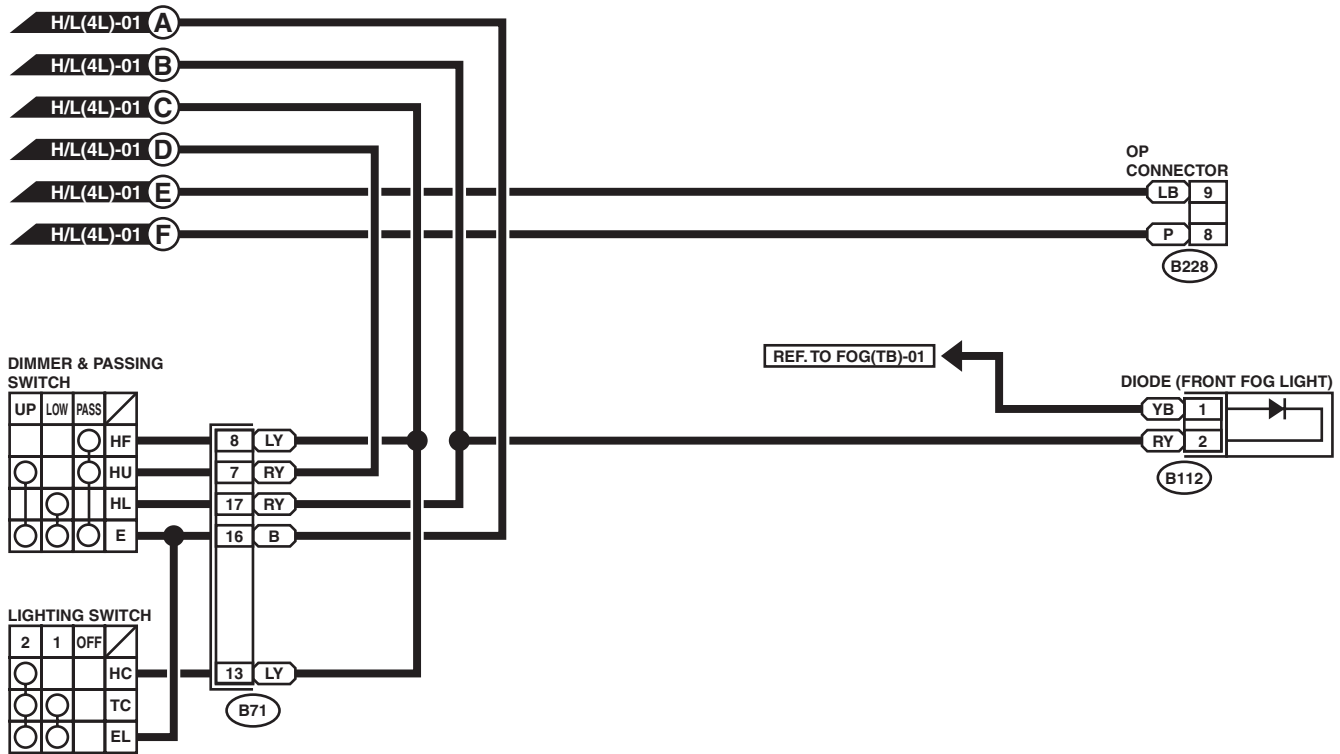
WI-06808

HEADLIGHT SYSTEM

WIRING SYSTEM

H/L(4L)-02

H/L(4L)-02



B112	
1	2

B228				
1	2			3
4	5	6	7	8
9	10	11	12	13
14	15			

B71							
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17							

WI-08580

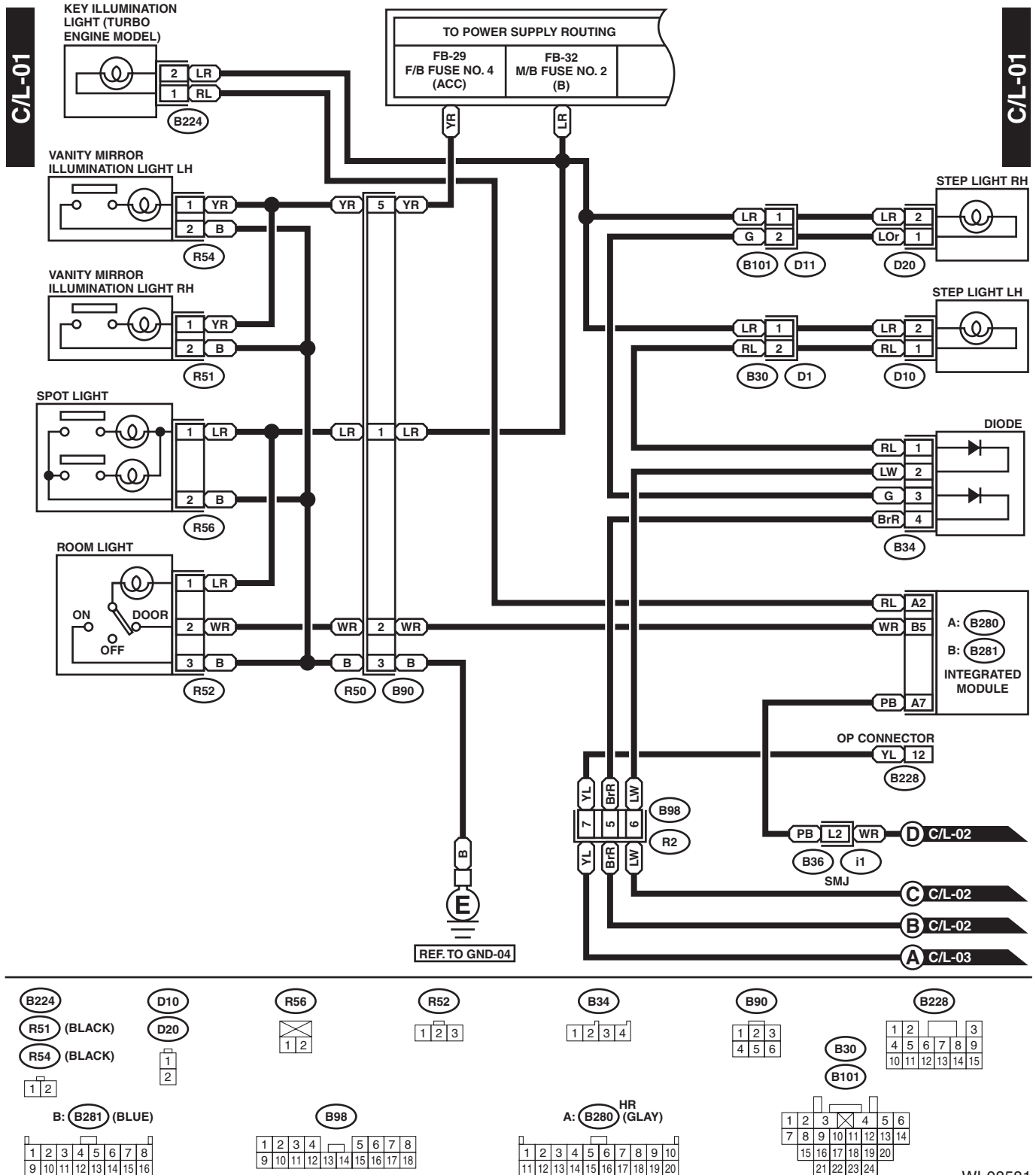
MEMO:

IN COMPARTMENT LIGHT SYSTEM

WIRING SYSTEM

28.In Compartment Light System

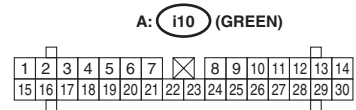
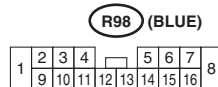
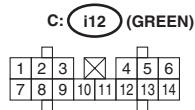
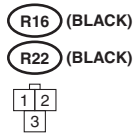
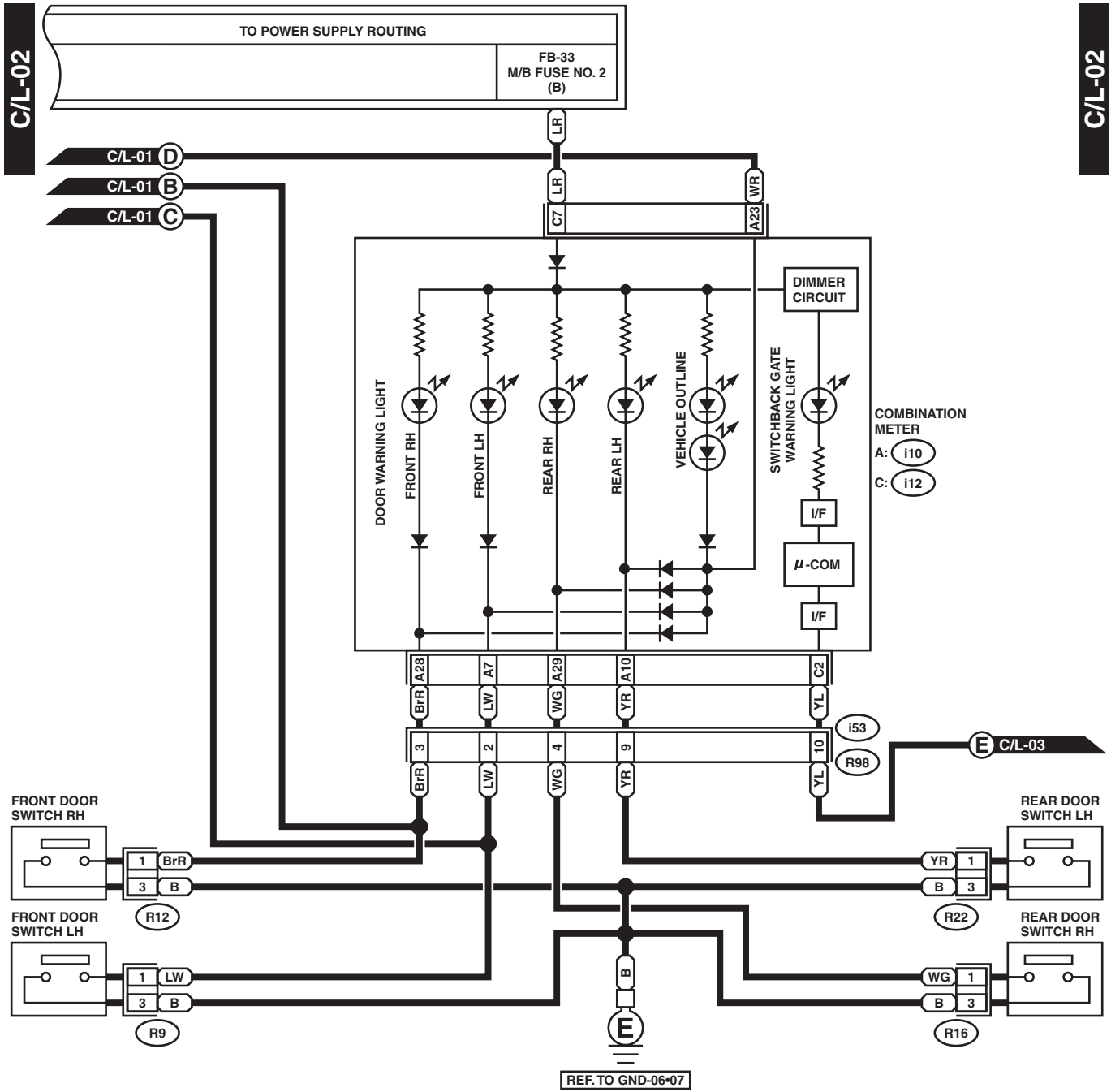
A: SCHEMATIC



WI-08581

IN COMPARTMENT LIGHT SYSTEM

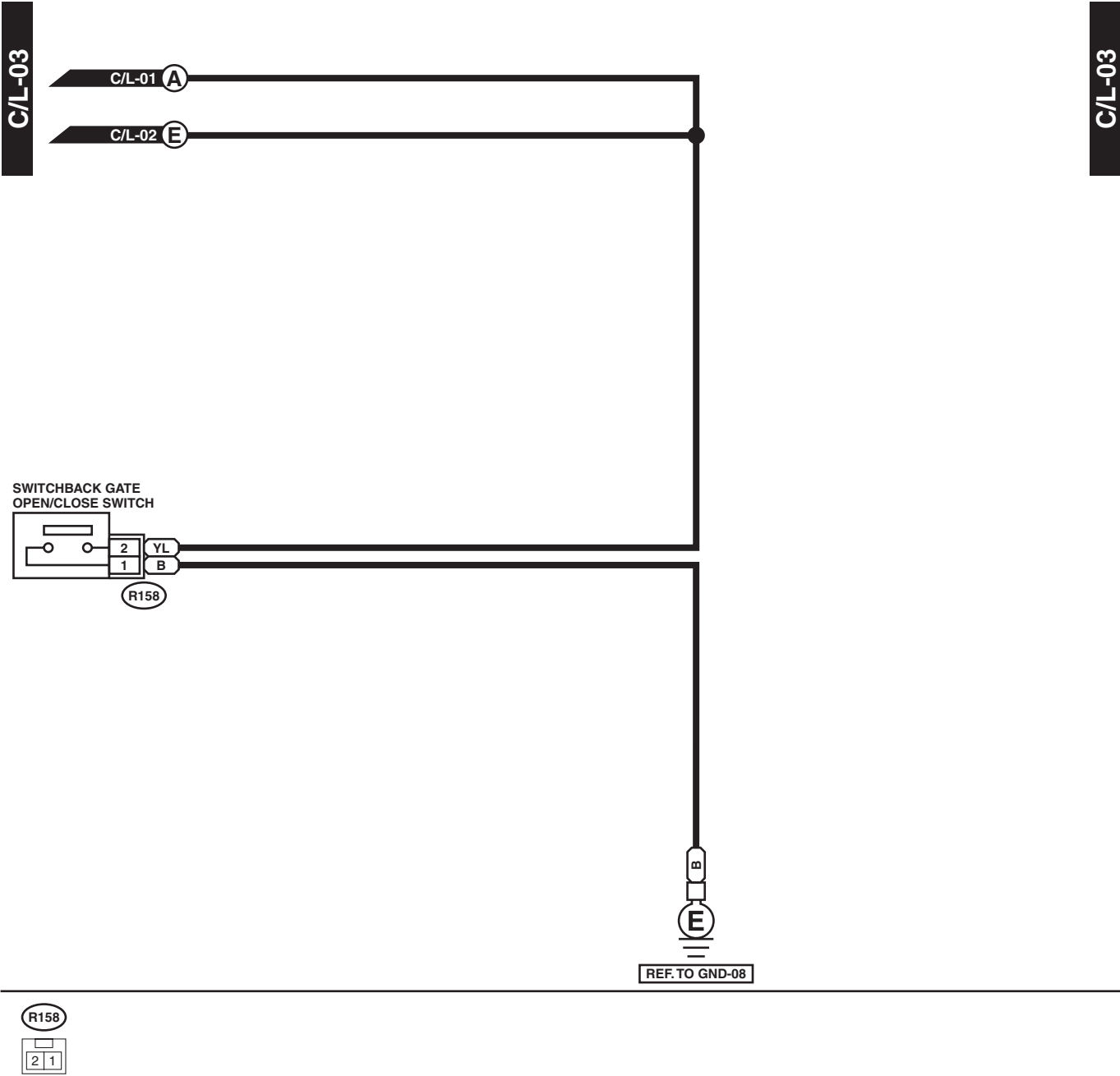
WIRING SYSTEM



WI-05760

IN COMPARTMENT LIGHT SYSTEM

WIRING SYSTEM



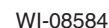
WI-08582

A: SCHEMATIC



WIRING SYSTEM

A: SCHEMATIC

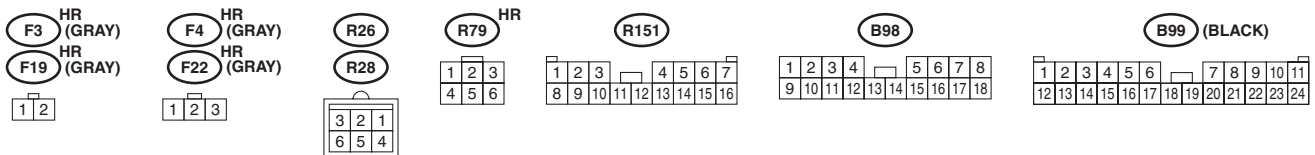
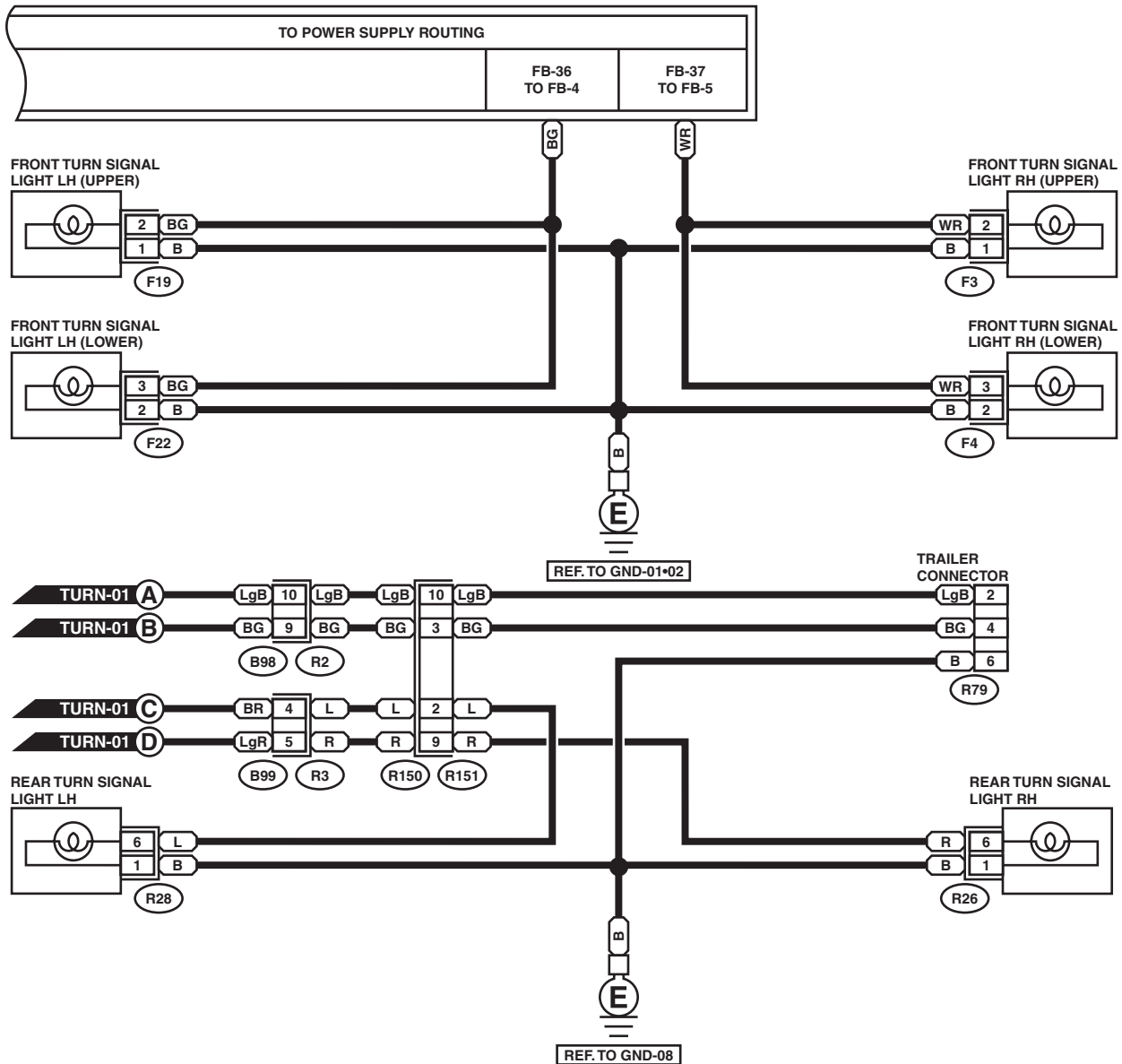


TURN SIGNAL LIGHT AND HAZARD LIGHT SYSTEM

WIRING SYSTEM

TURN-02

TURN-02



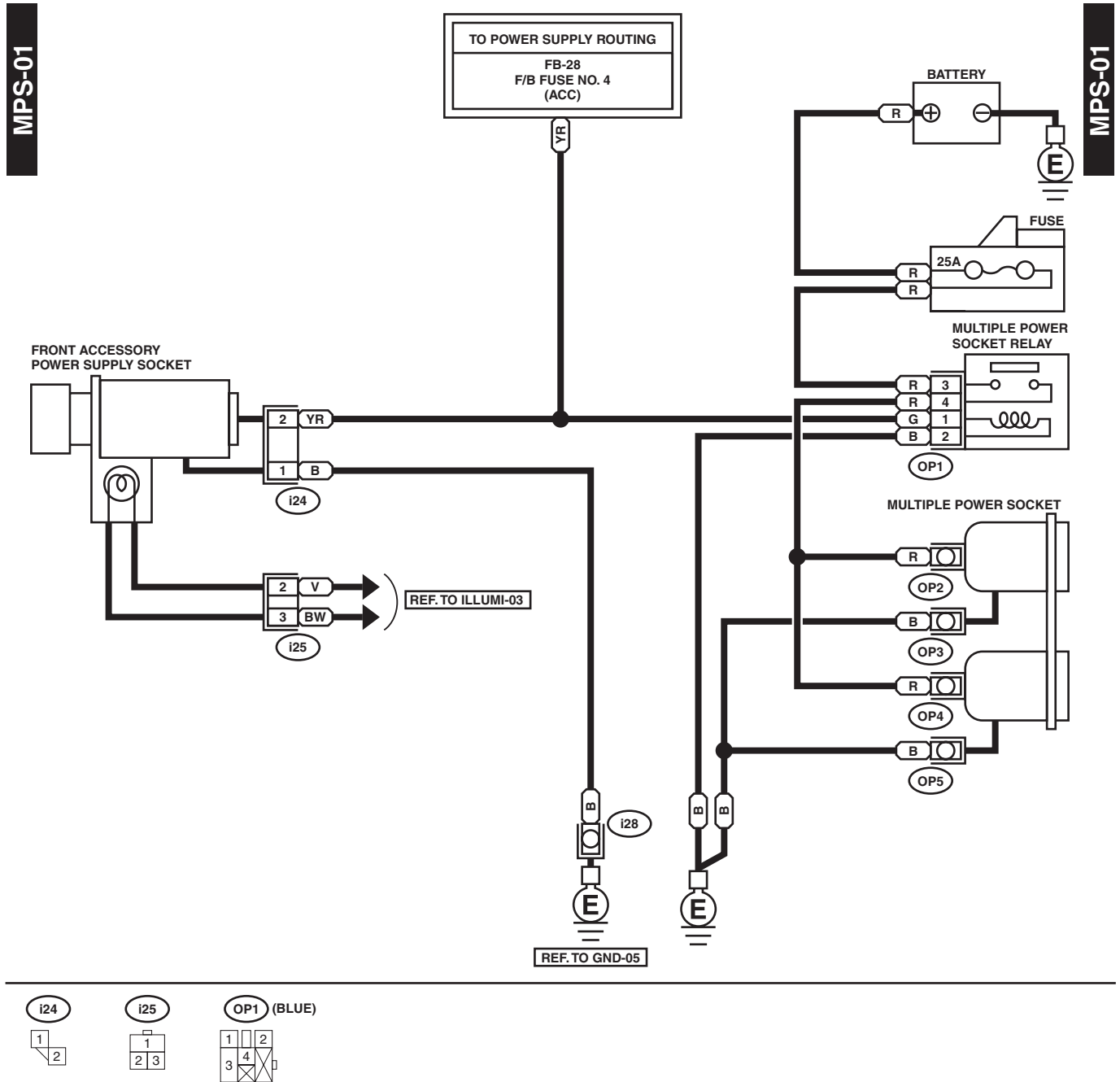
WI-08585

MULTIPLE POWER SOCKET SYSTEM (OPTION)

WIRING SYSTEM

31. Multiple Power Socket System (Option)

A: SCHEMATIC



WI-05765

MEMO:

OIL PRESSURE WARNING LIGHT SYSTEM

WIRING SYSTEM

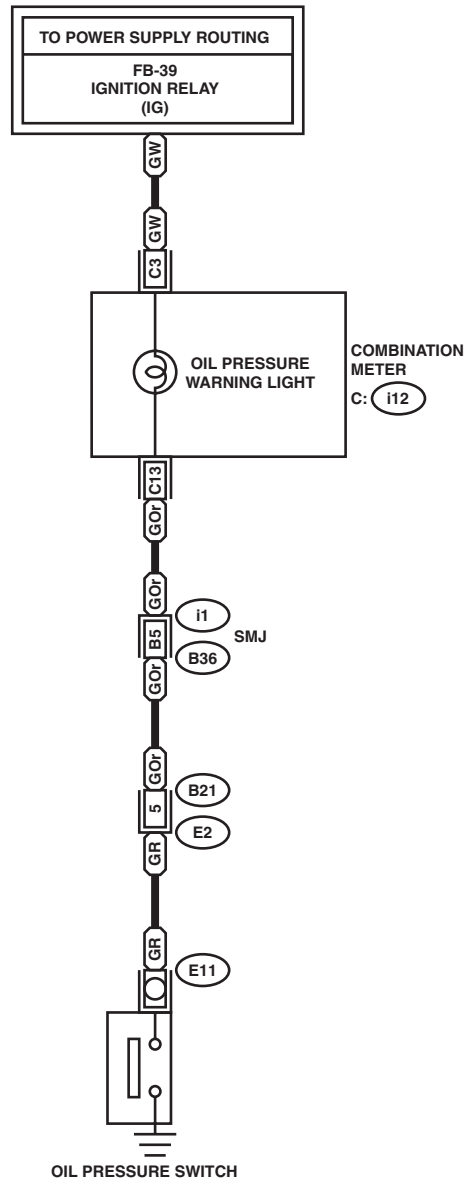
32.Oil Pressure Warning Light System

A: SCHEMATIC

1. NON-TURBO ENGINE MODEL

OIL/P(NA)-01

OIL/P(NA)-01



C: i12 (GREEN)

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

B21 HR

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

WI-06812

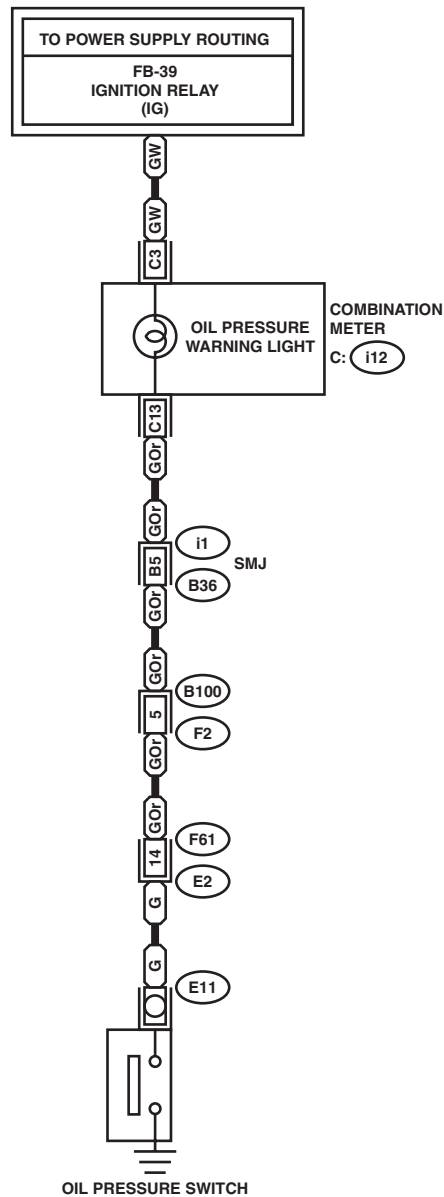
OIL PRESSURE WARNING LIGHT SYSTEM

WIRING SYSTEM

2. TURBO ENGINE MODEL

OIL/P(TB)-01

OIL/P(TB)-01



OIL PRESSURE SWITCH

C: i12 (GREEN)

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

F2 (BLUE)

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

F61 HR (BLACK)

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

WI-06813

OUTSIDE TEMPERATURE DISPLAY SYSTEM

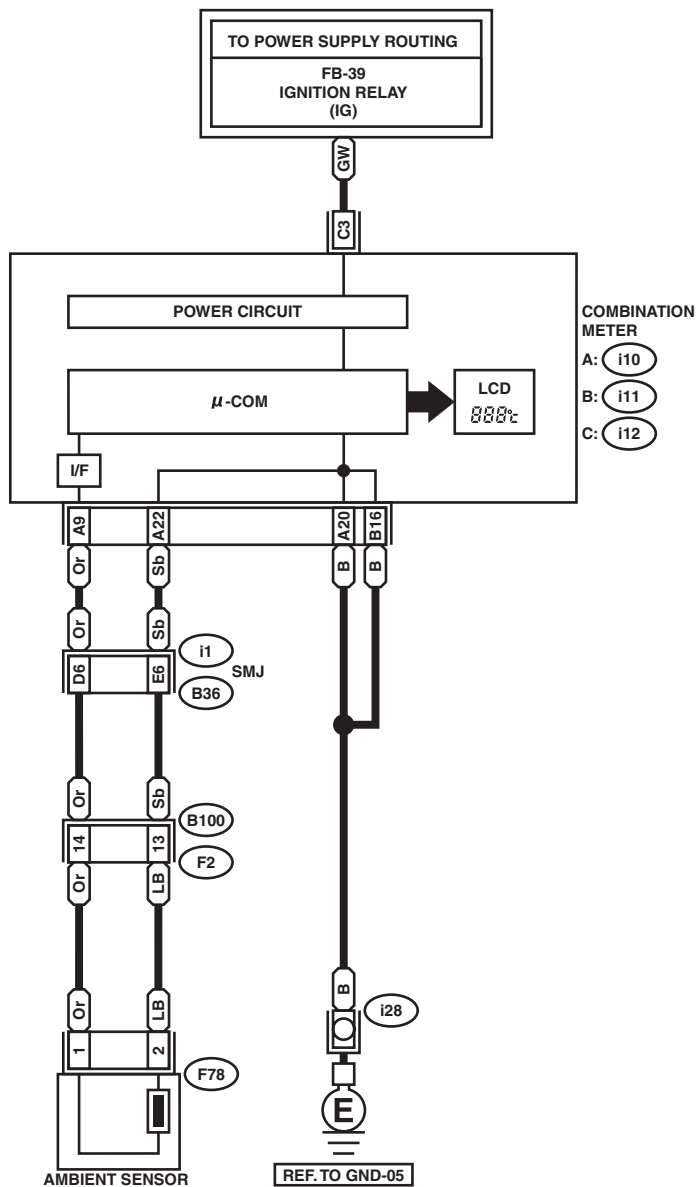
WIRING SYSTEM

33. Outside Temperature Display System

A: SCHEMATIC

O/TEMP-01

O/TEMP-01



F78 (BLACK)

1	2
---	---

C: i12 (GREEN)

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

B: i11 (GREEN)

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

F2 (BLUE)

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

A: 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-00674

WIRING SYSTEM

A: SCHEMATIC

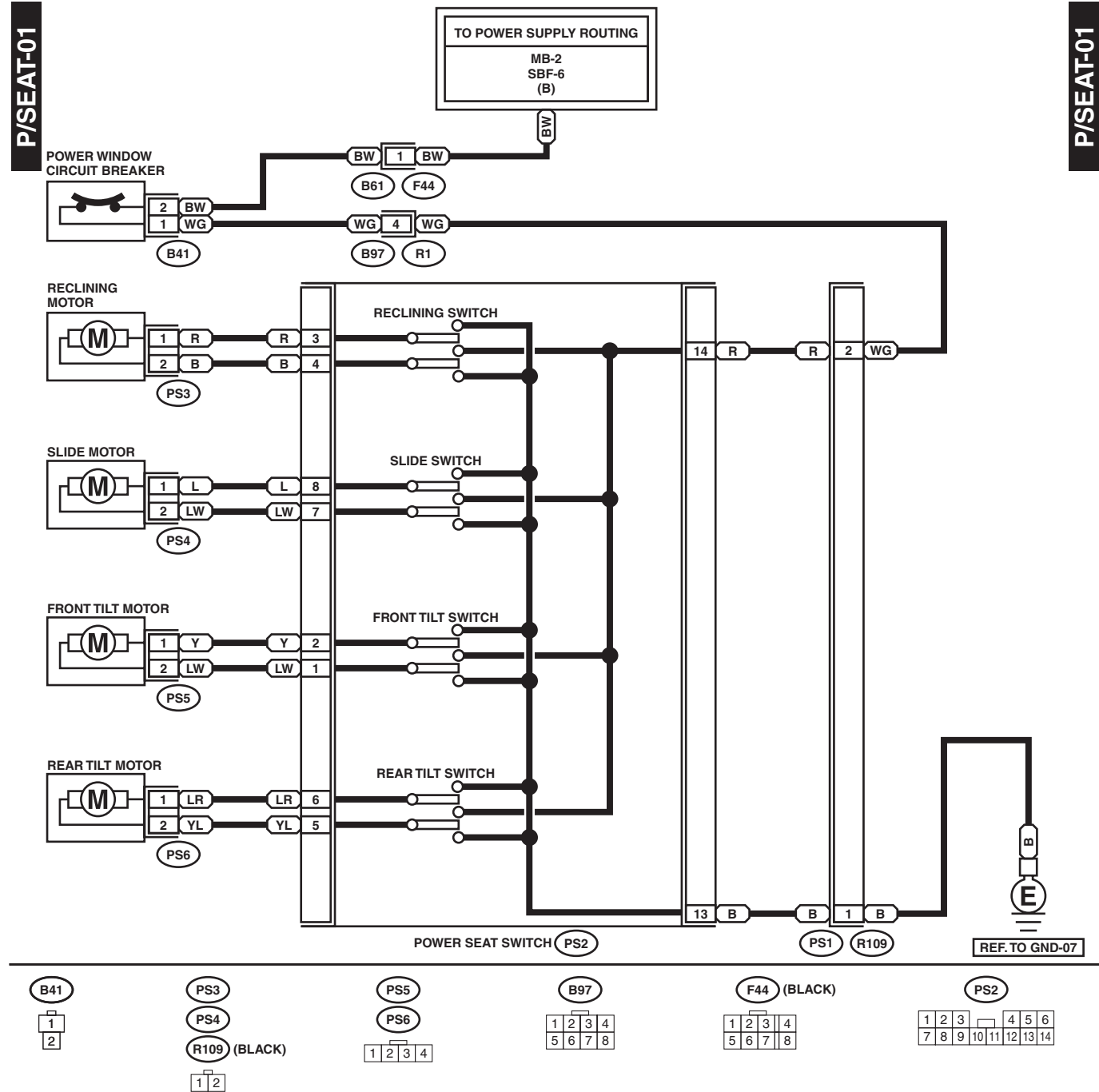


POWER SEAT SYSTEM

WIRING SYSTEM

35.Power Seat System

A: SCHEMATIC



WI-05855

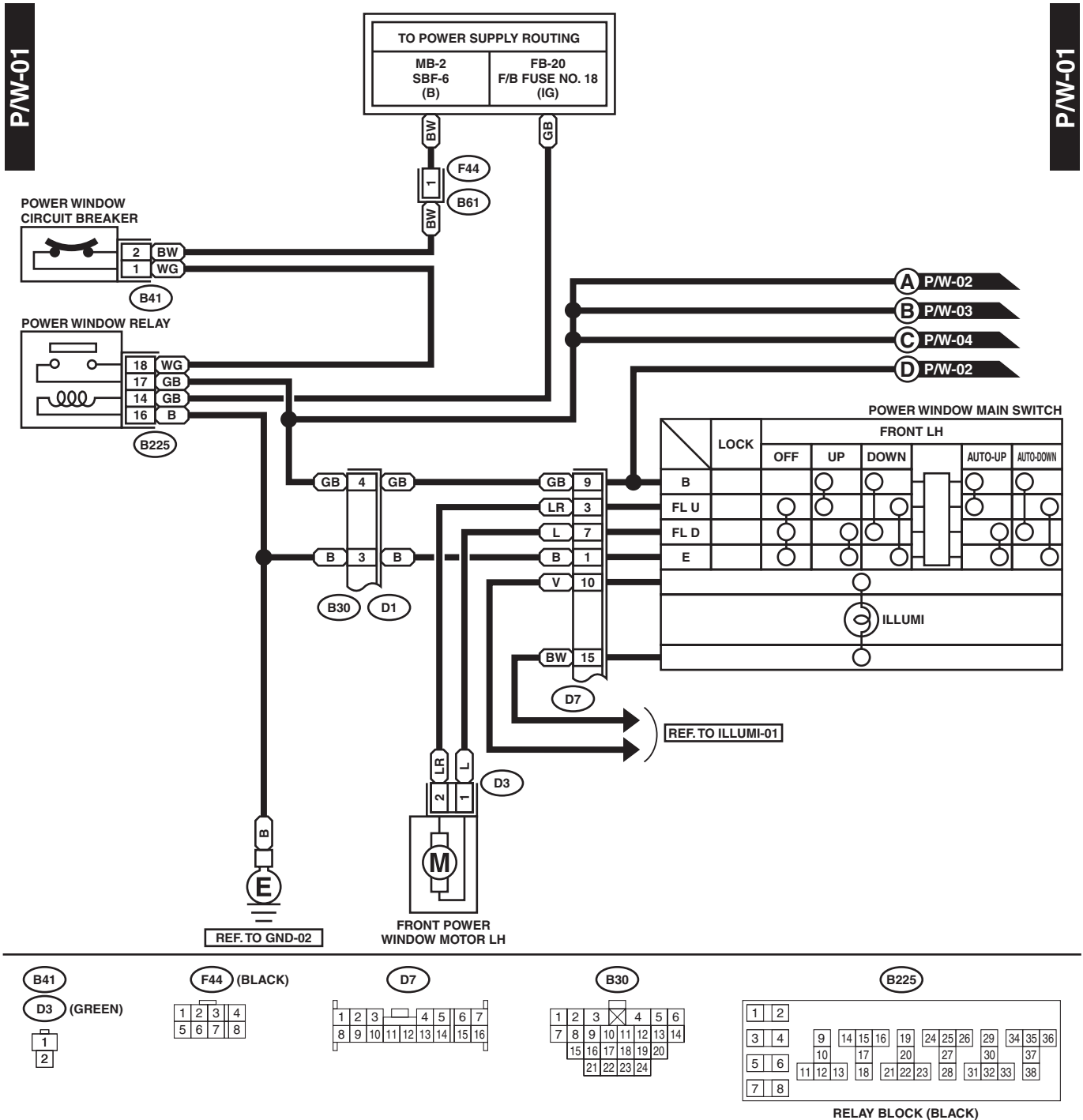
MEMO:

POWER WINDOW SYSTEM

WIRING SYSTEM

36.Power Window System

A: SCHEMATIC



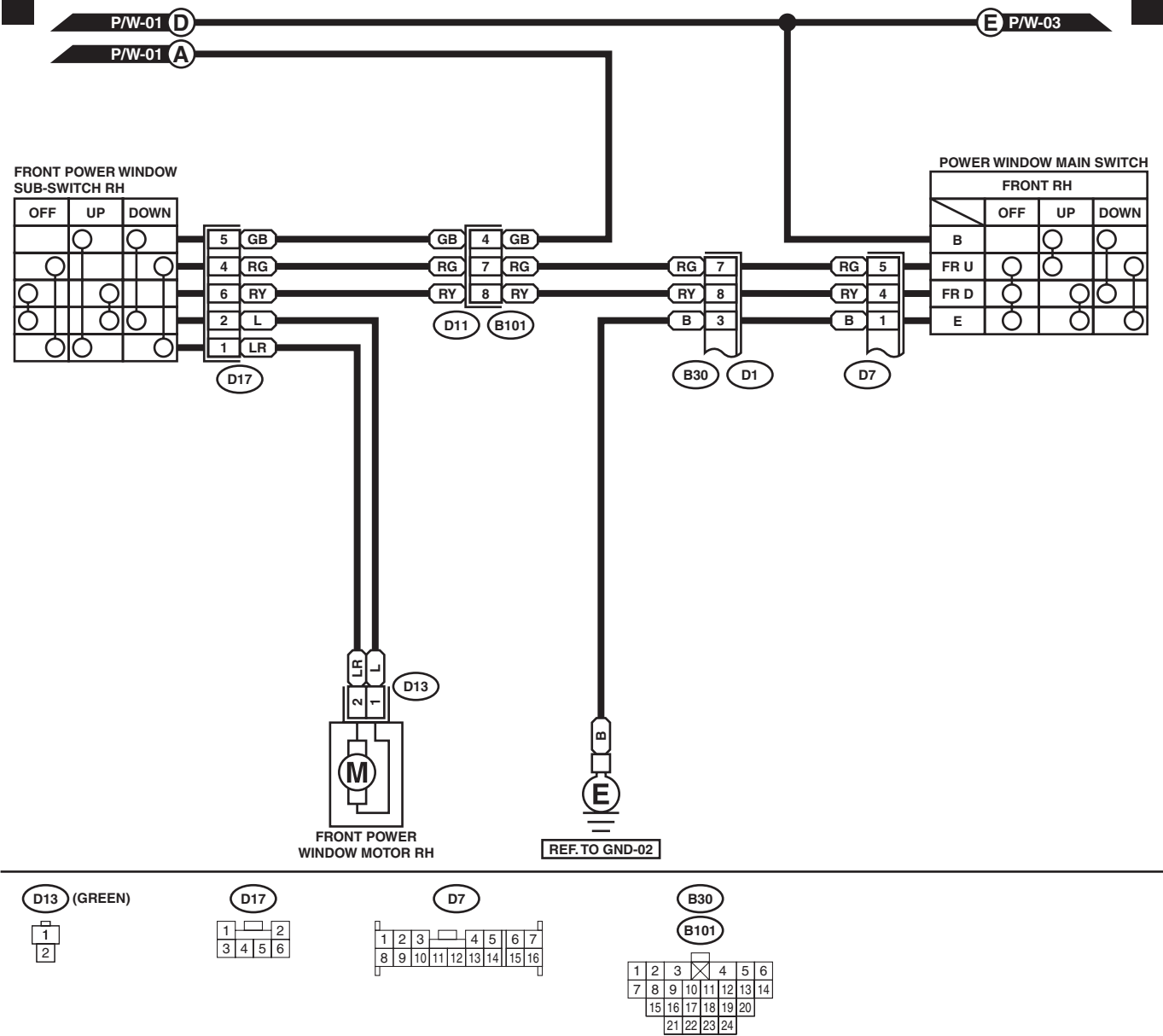
WI-10207

POWER WINDOW SYSTEM

WIRING SYSTEM

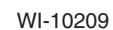
P/W-02

P/W-02



WI-10208

WIRING SYSTEM

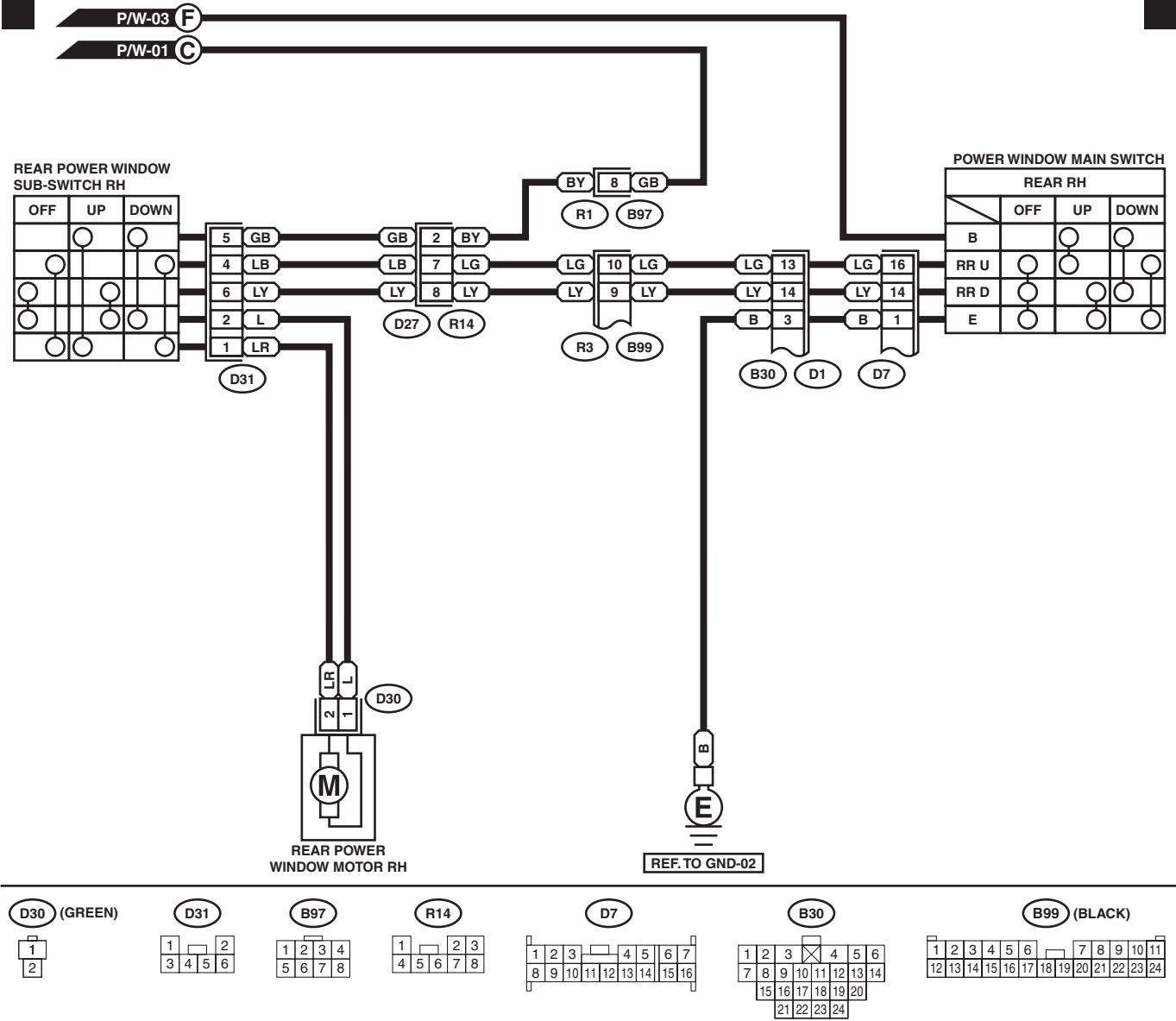


POWER WINDOW SYSTEM

WIRING SYSTEM

P/W-04

P/W-04



WI-10210

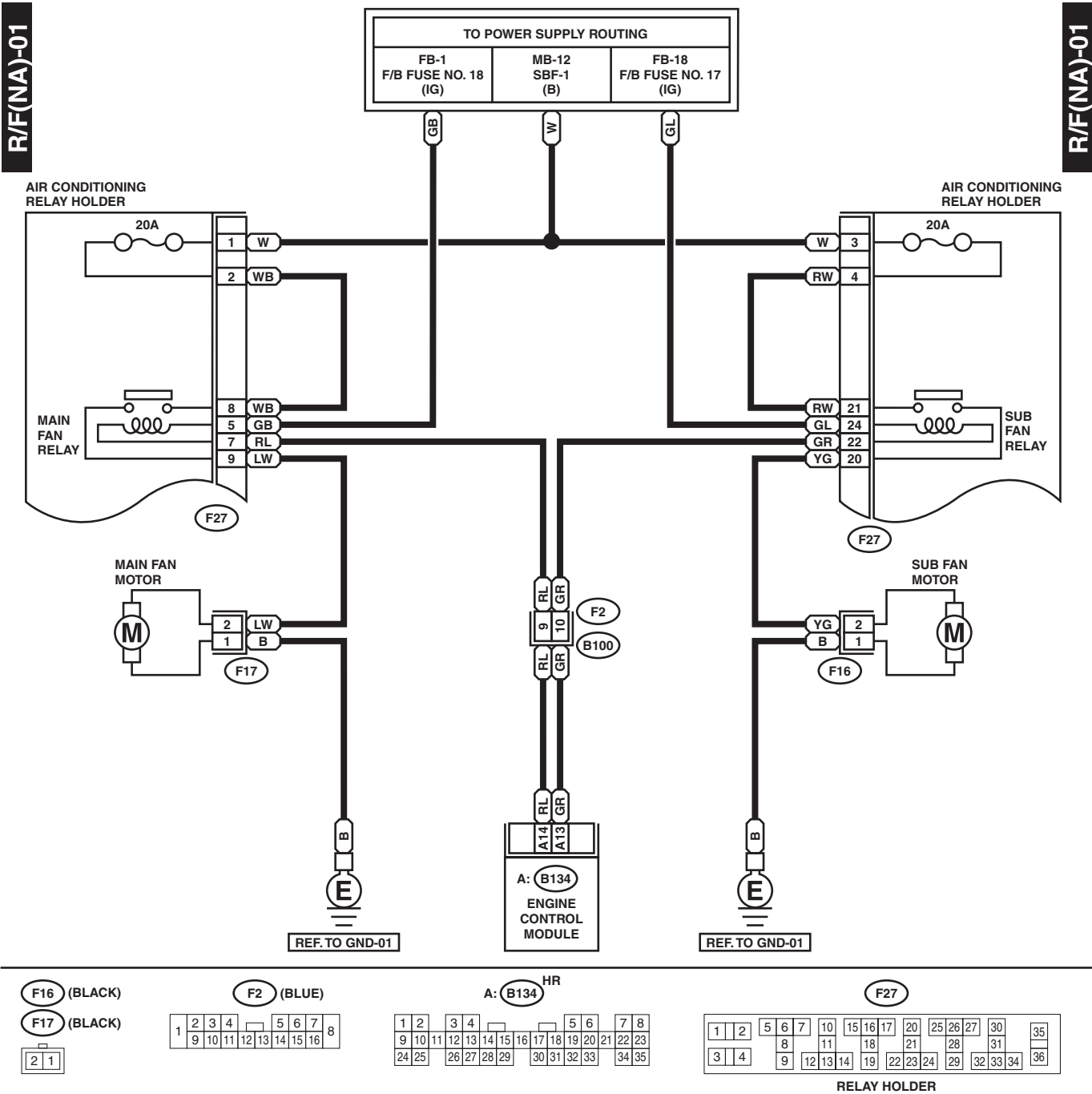
RADIATOR FAN SYSTEM

WIRING SYSTEM

37.Radiator Fan System

A: SCHEMATIC

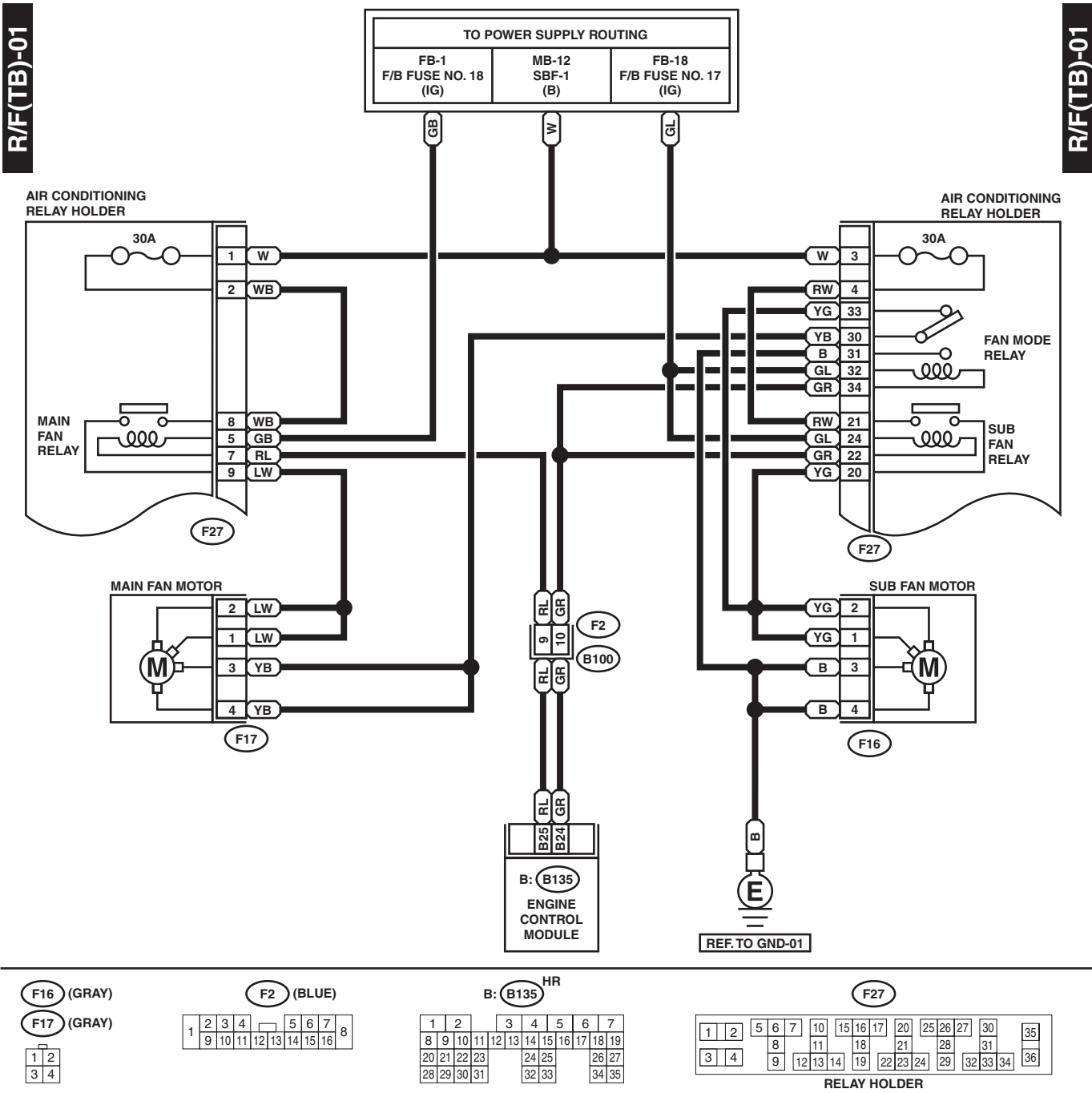
1. NON-TURBO ENGINE MODEL



RADIATOR FAN SYSTEM

WIRING SYSTEM

2. TURBO ENGINE MODEL



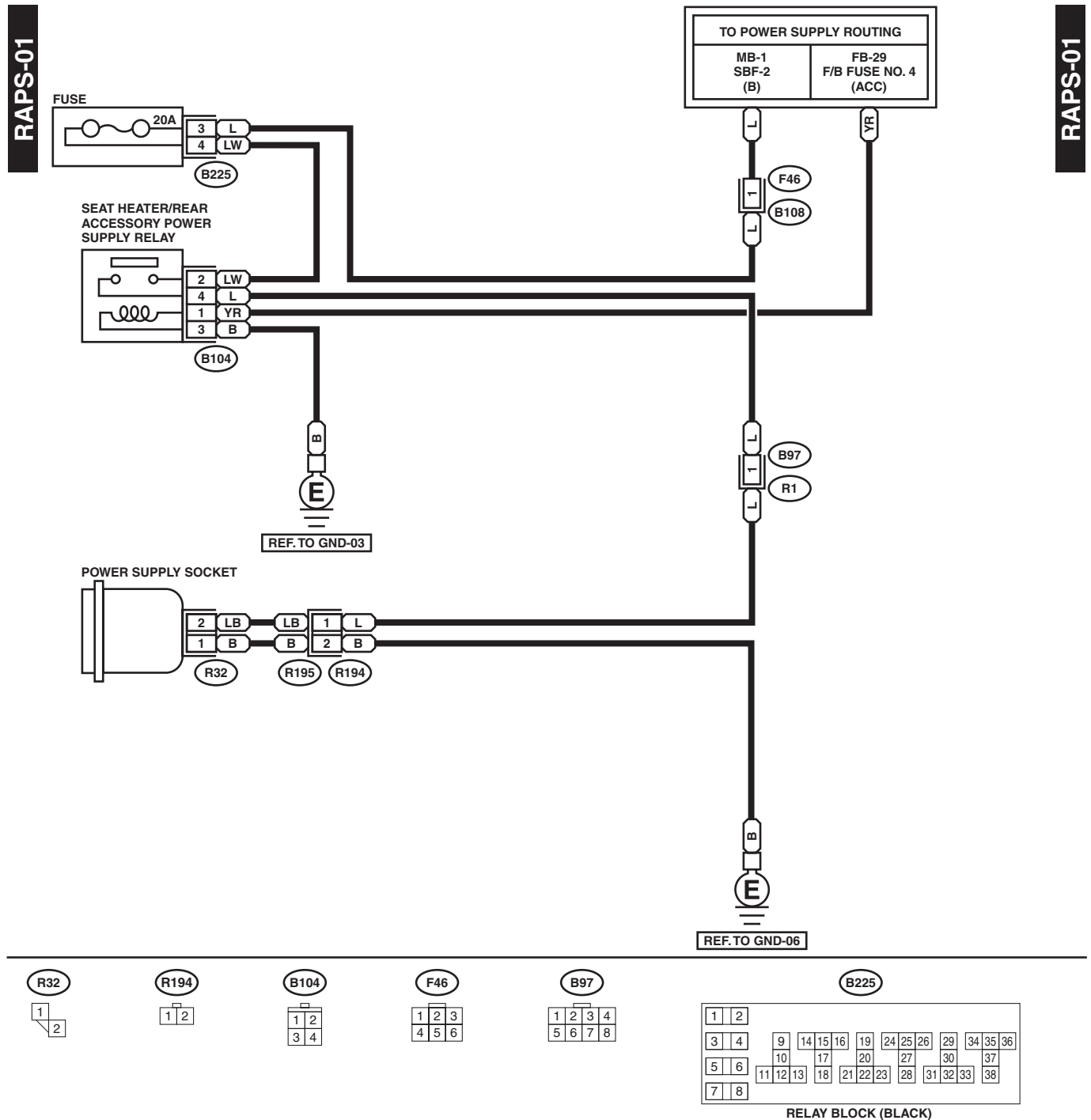
WI-06816

REAR ACCESSORY POWER SUPPLY SYSTEM

WIRING SYSTEM

38.Rear Accessory Power Supply System

A: SCHEMATIC



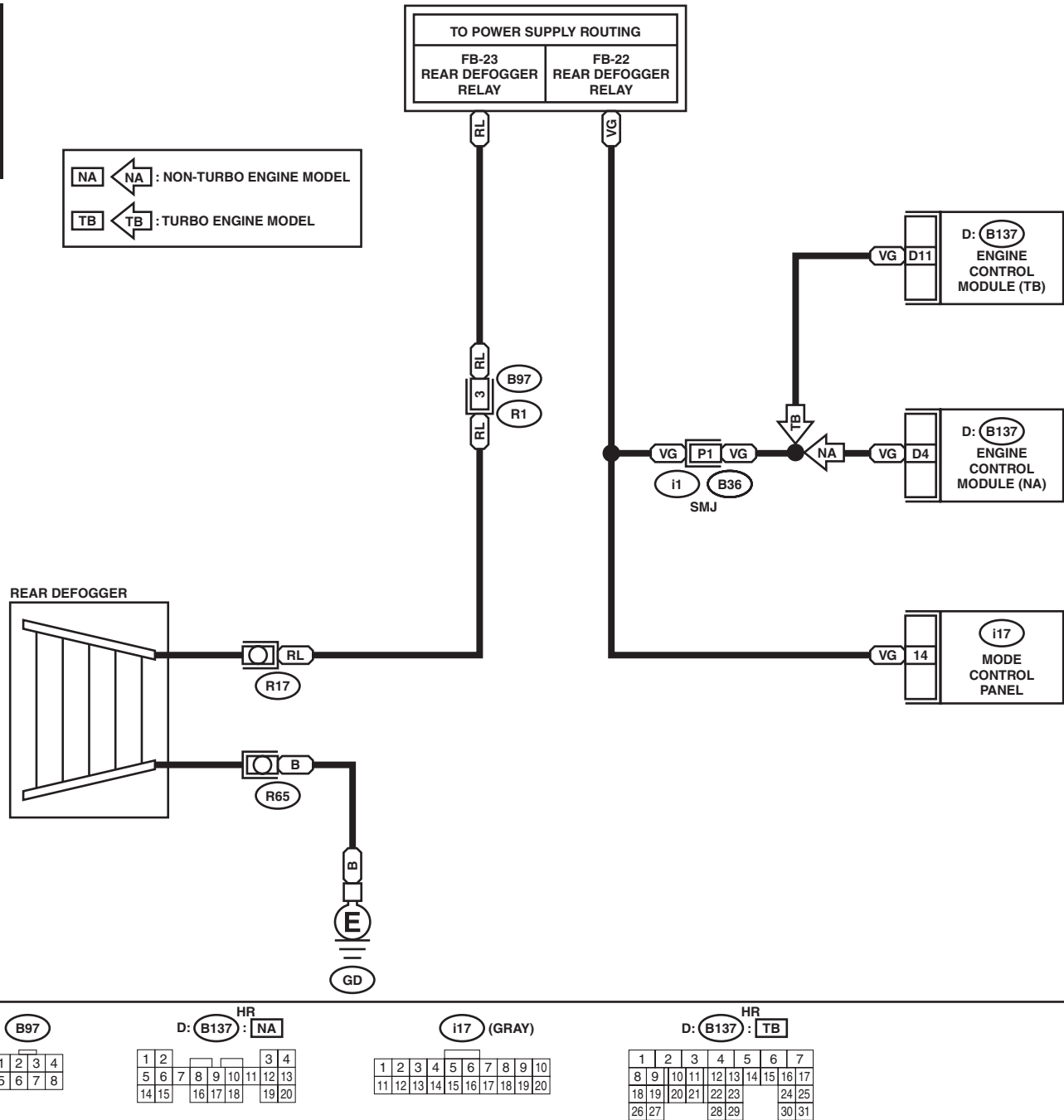
WI-05865

39.Rear Window Defogger System

A: SCHEMATIC

R/DEF-01

R/DEF-01



WI-06817

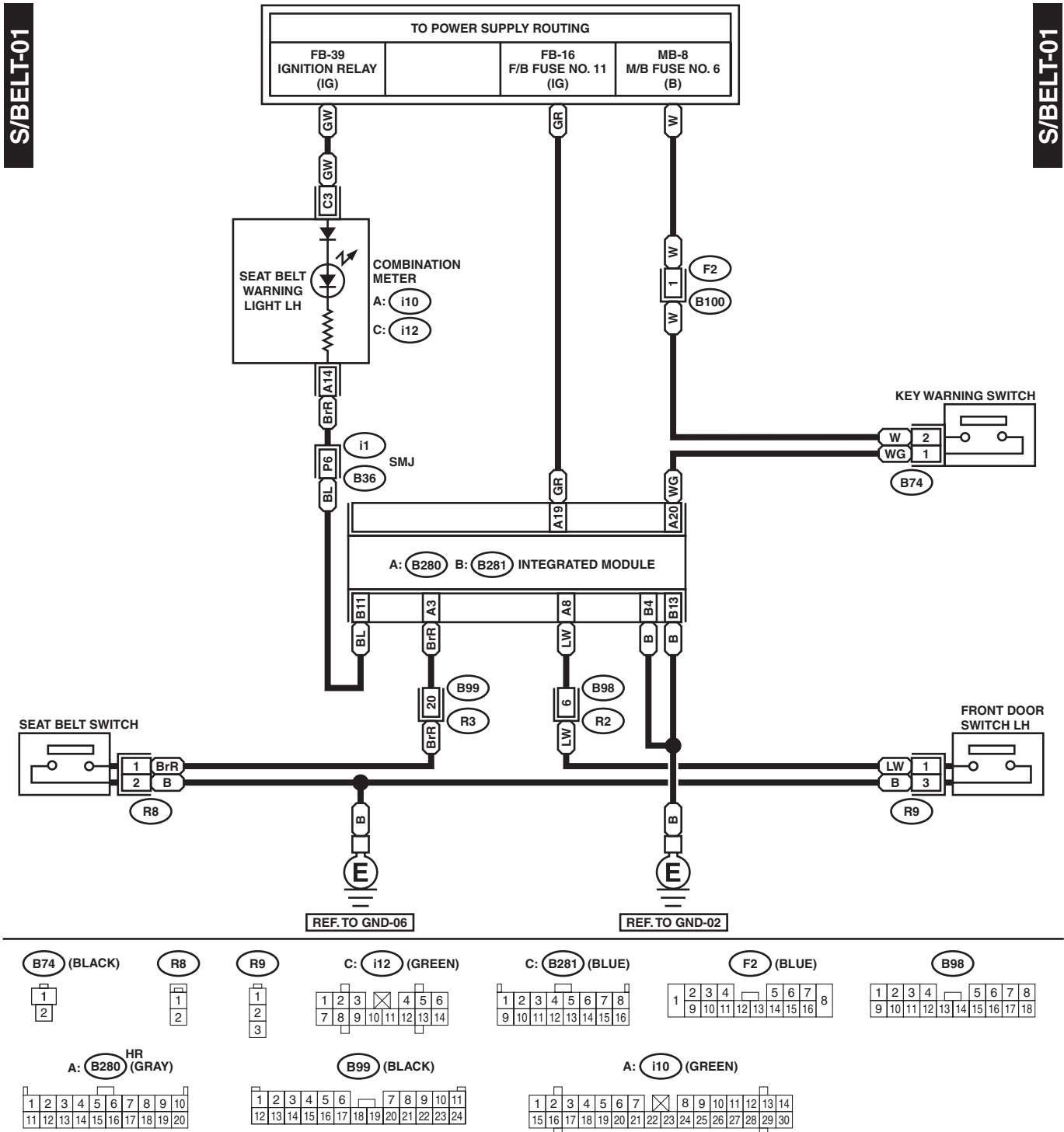
WIRING SYSTEM

A: SCHEMATIC



41.Seat Belt Warning System

A: SCHEMATIC

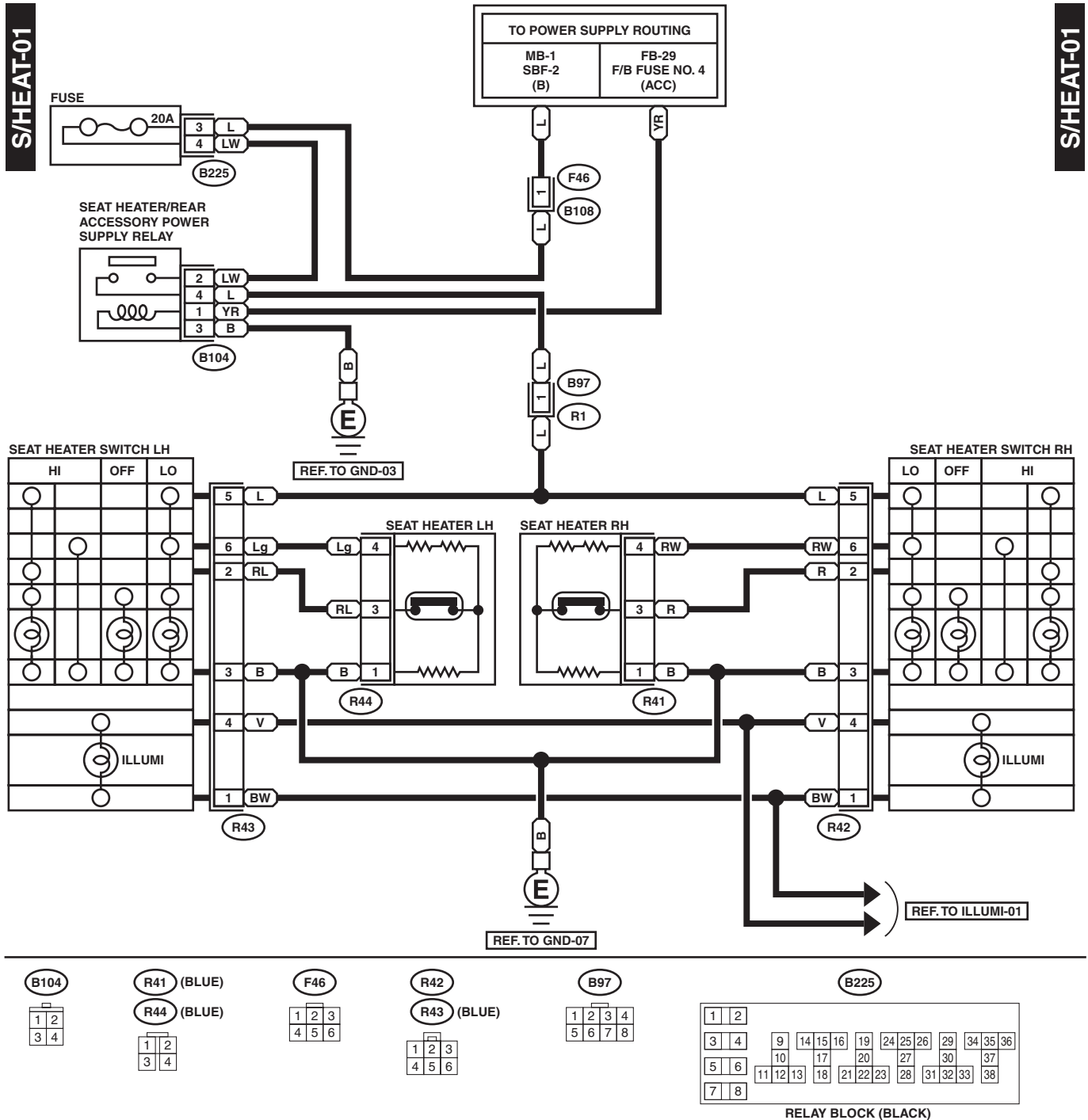


SEAT HEATER SYSTEM

WIRING SYSTEM

42.Seat Heater System

A: SCHEMATIC



WI-05773

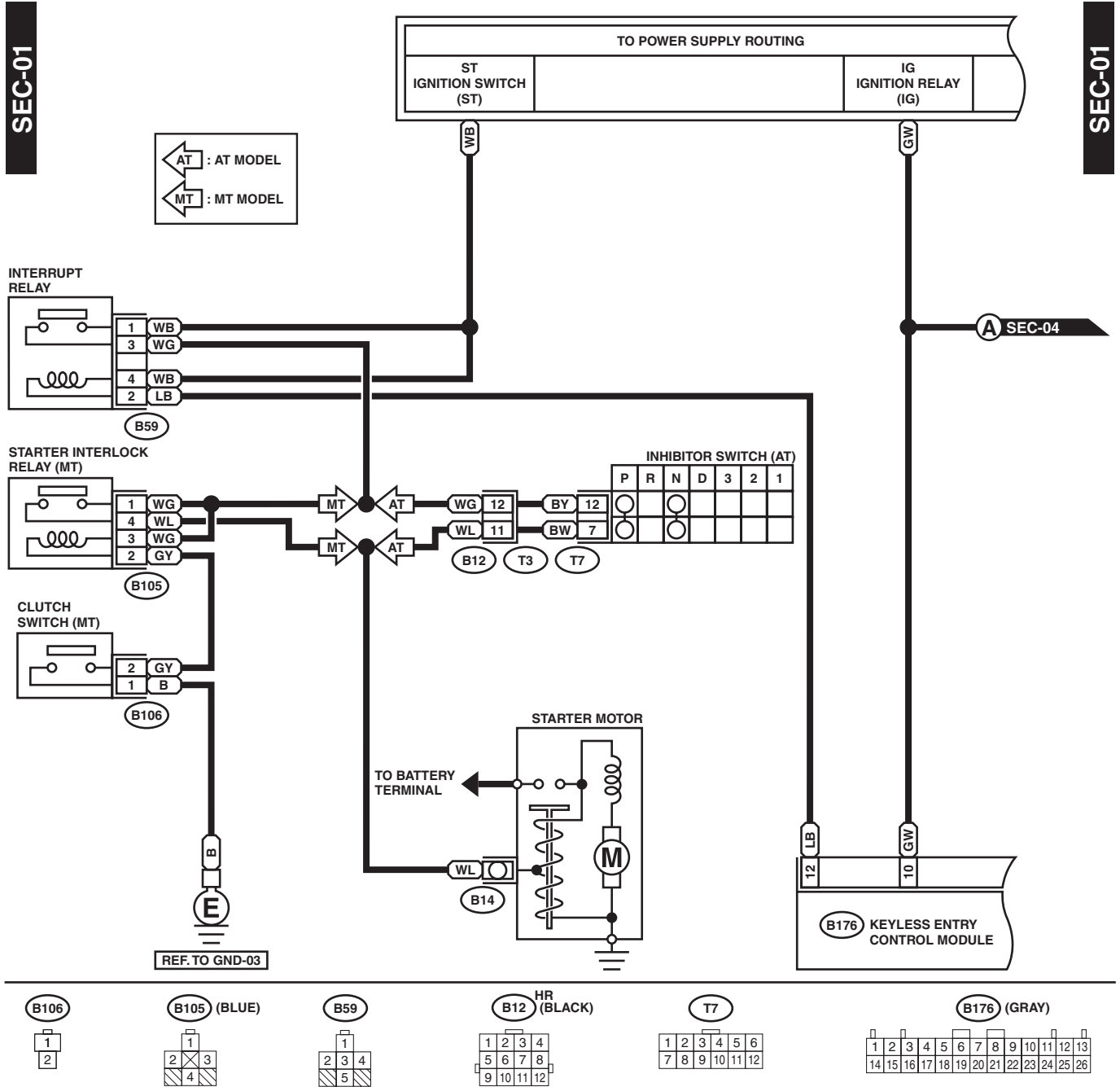
MEMO:

SECURITY SYSTEM

WIRING SYSTEM

43.Security System

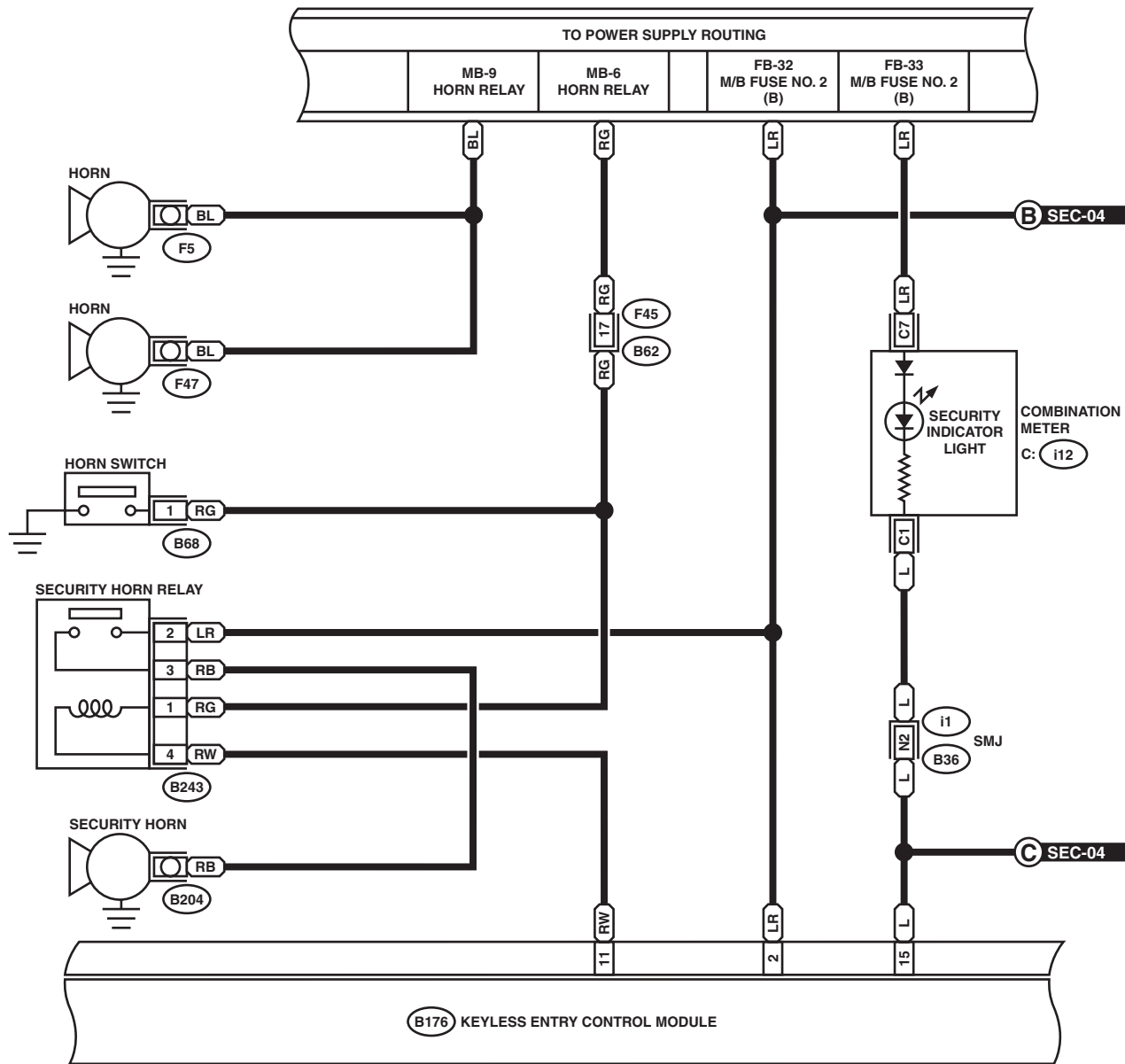
A: SCHEMATIC



WI-08587

SEC-02

SEC-02



B68

1	2
3	4

B243 (BLACK) C: i12 (GREEN)

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

F45

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

i40

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

B176 (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	25	26

WIRING SYSTEM

SEC-03

SEC-03

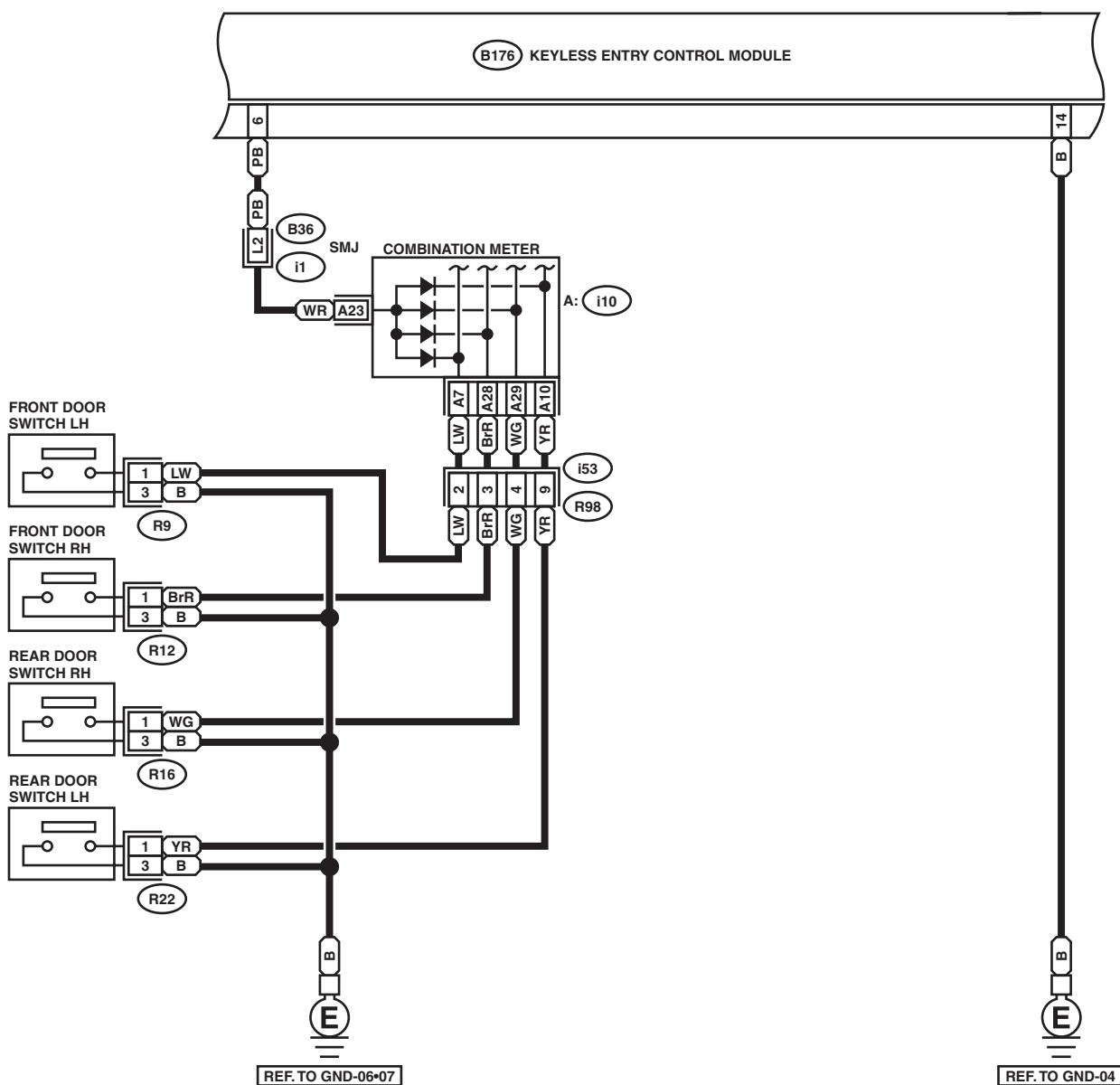


Diagram illustrating a stack of three boxes labeled 1, 2, and 3. Above the stack are two ovals labeled R9 and R12.

R16 (BLACK)
R22 (BLACK)

1 2
3

R98 **(BLUE)**

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

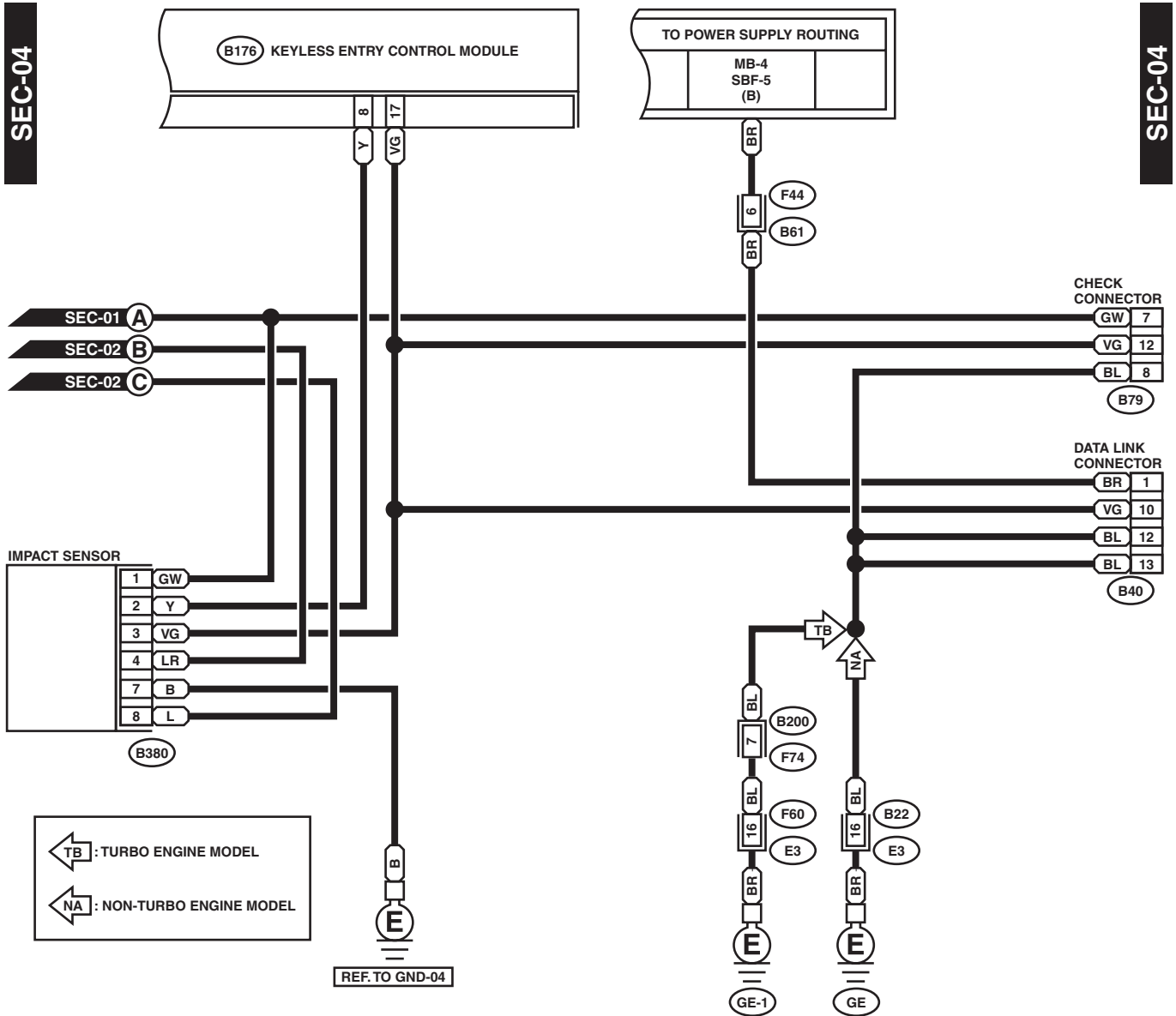
B176 (GRAY)

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

A: **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-08589



F44 (BLACK)

1	2	3	4
5	6	7	8

B380

1	2	3	4
5	6	7	8

B79 (GRAY)

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

B40

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

B176 (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	25	26

F74

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				

WI-08590

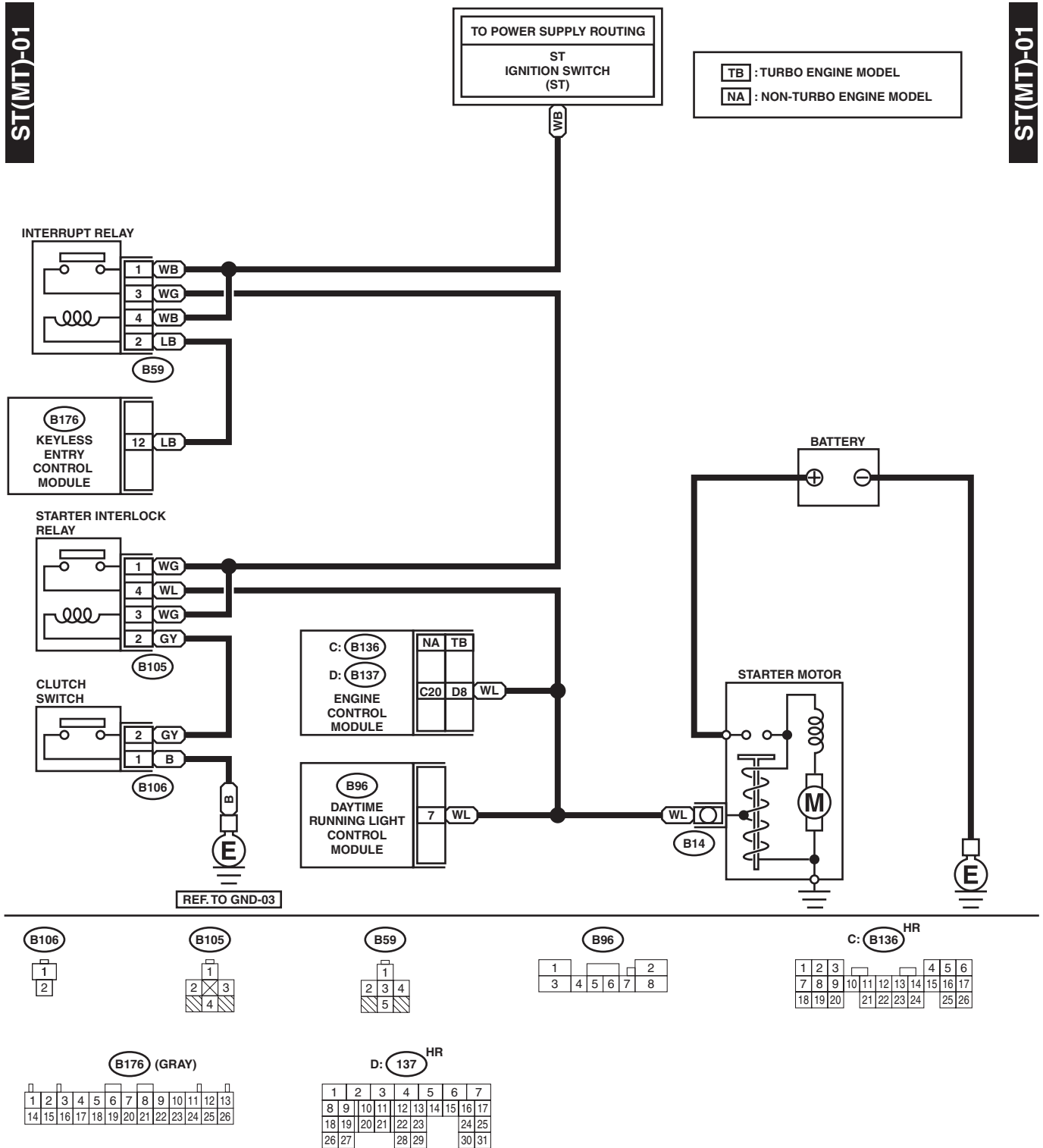
STARTER SYSTEM

WIRING SYSTEM

44.Starter System

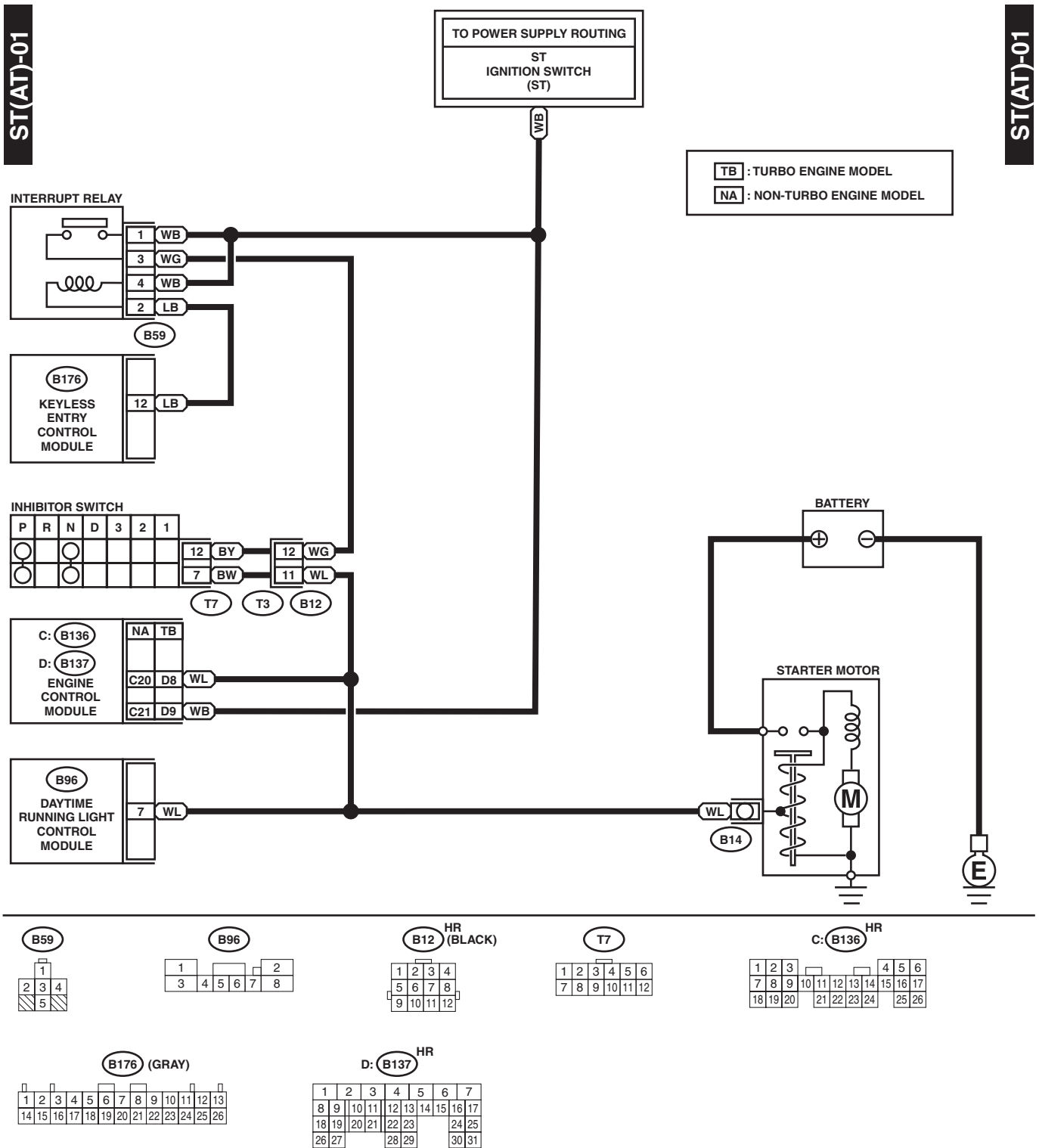
A: SCHEMATIC

1. MT MODEL



WI-08591

2. AT MODEL

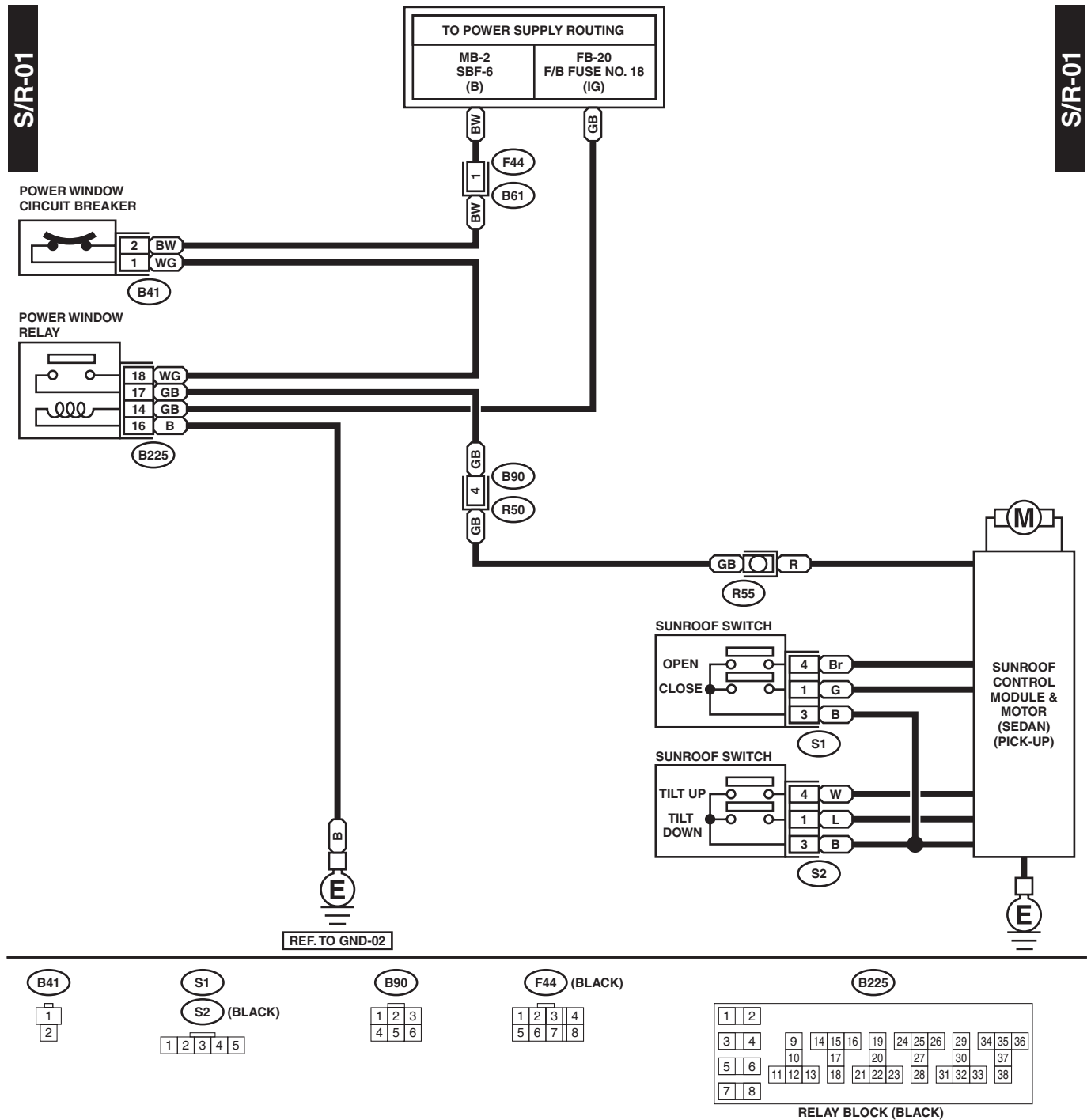


WI-08592

45.Sunroof System

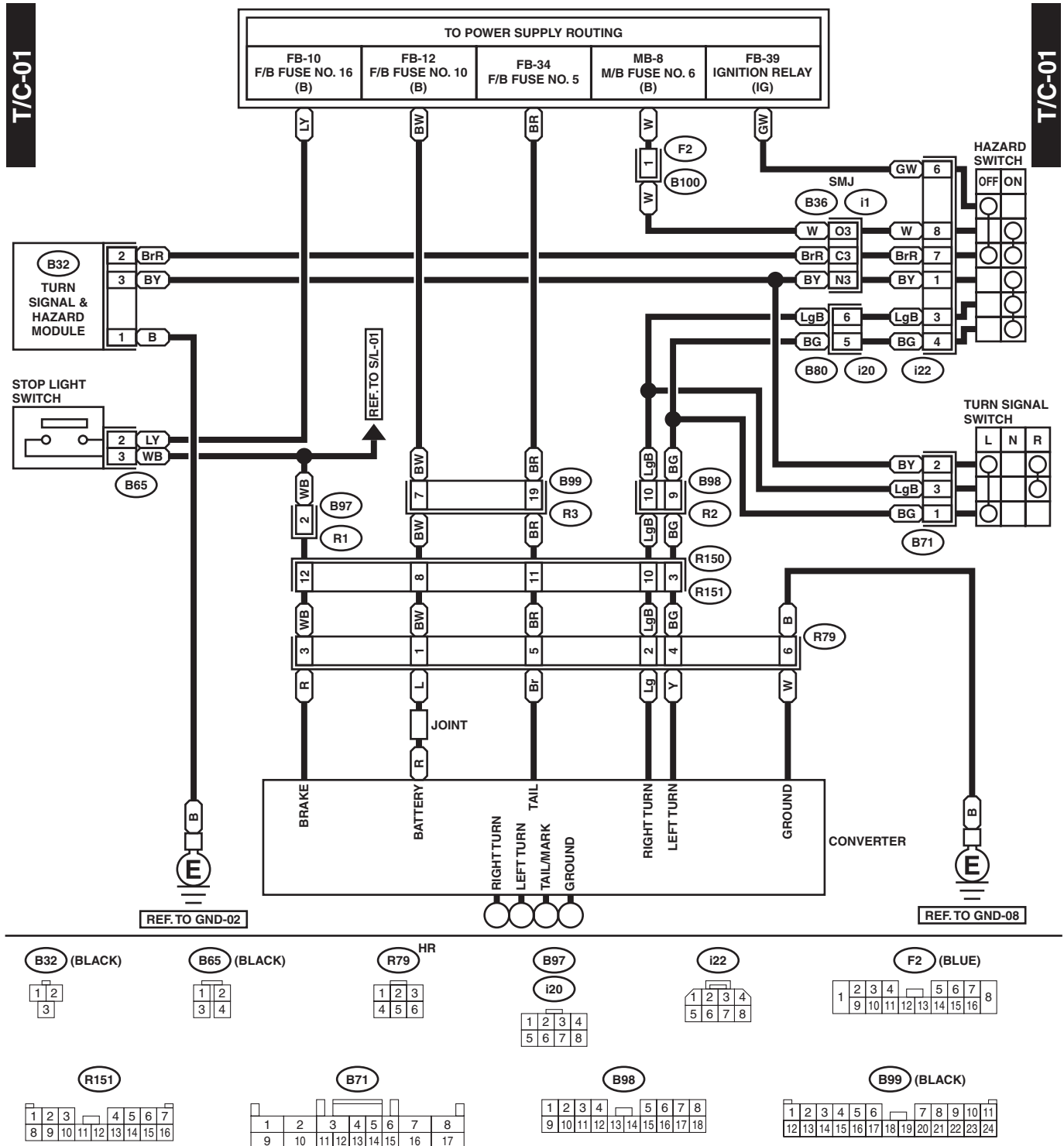
A: SCHEMATIC

A: SCHEMATIC



46.Trailer Wire Harness (Option)

A: SCHEMATIC

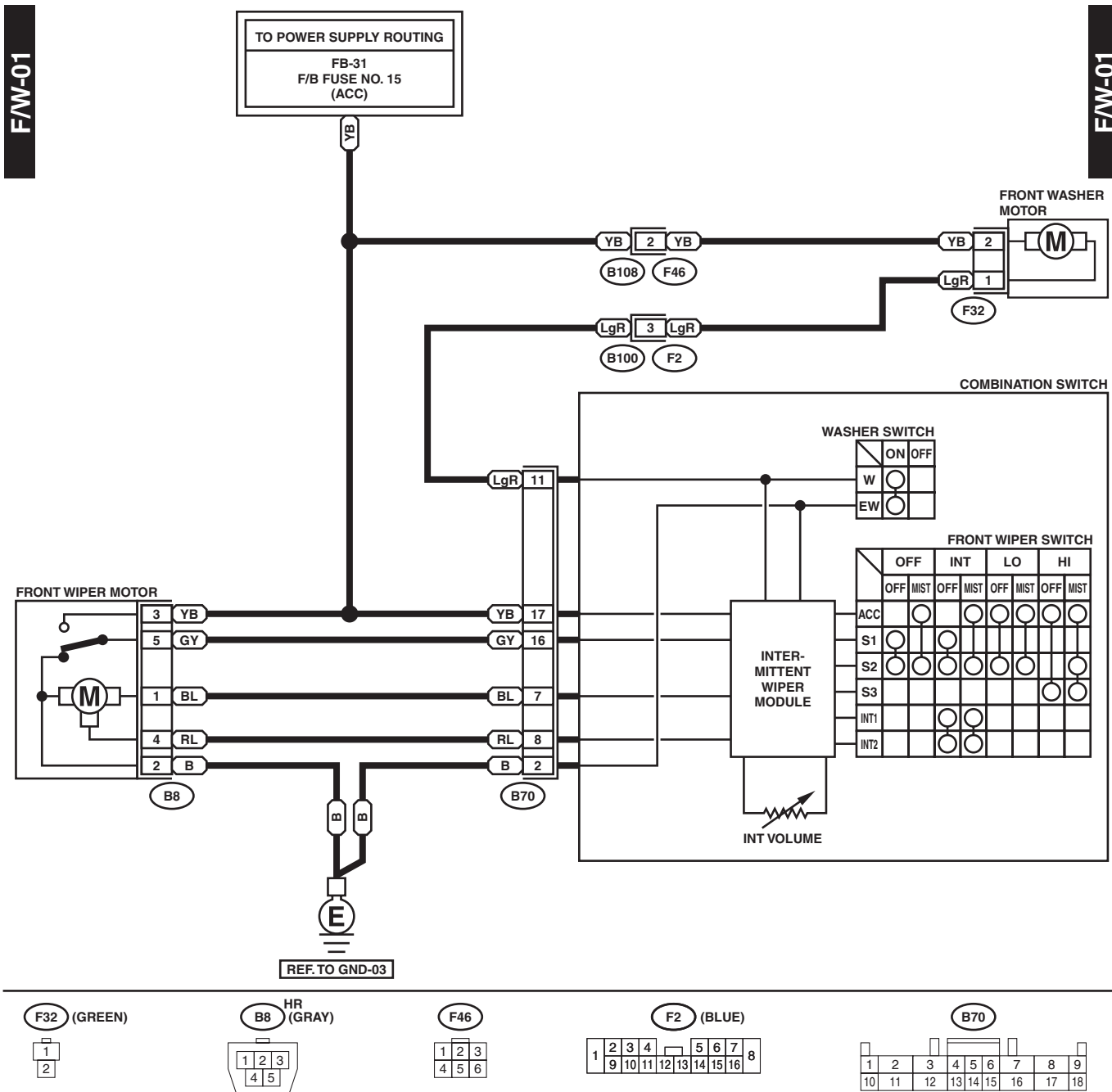


WIPER AND WASHER SYSTEM (FRONT)

WIRING SYSTEM

47. Wiper and Washer System (Front)

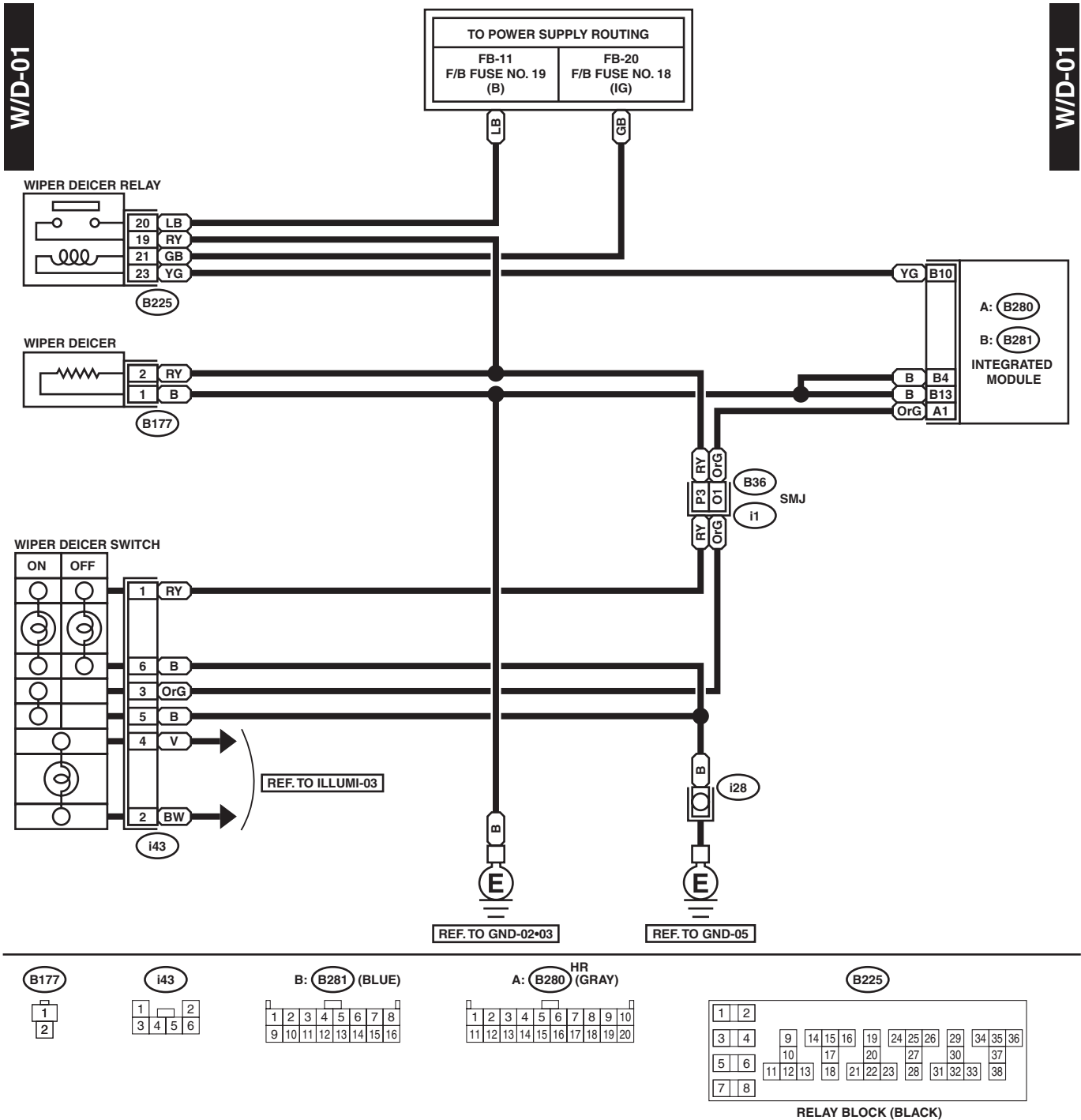
A: SCHEMATIC



WI-06823

48.Wiper Deicer System

A: SCHEMATIC

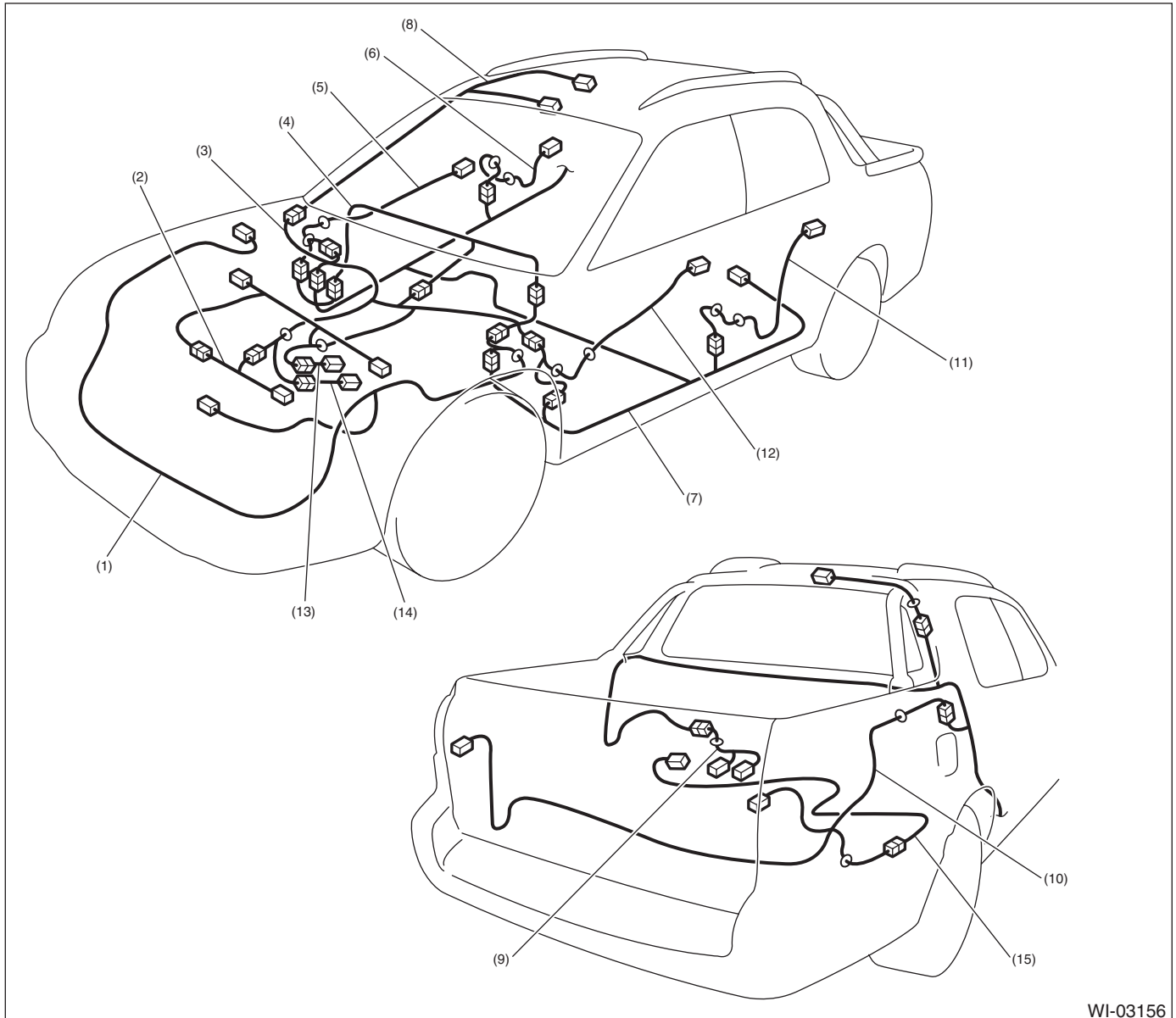


HARNESS COMPONENTS LOCATION

WIRING SYSTEM

49. Harness Components Location

A: LOCATION



WI-03156

- | | | |
|-------------------------------------|---------------------------------|---------------------------------------|
| (1) Front wiring harness | (6) Rear door cord RH | (11) Rear door cord LH |
| (2) Engine wiring harness | (7) Rear wiring harness (Front) | (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 oxygen sensor cord |
| (5) Front door cord RH | (10) Rear wiring harness (Rear) | (15) On refueling vapor recovery cord |

HARNESS COMPONENTS LOCATION

WIRING SYSTEM

MEMO:

FRONT WIRING HARNESS

WIRING SYSTEM

50.Front Wiring Harness

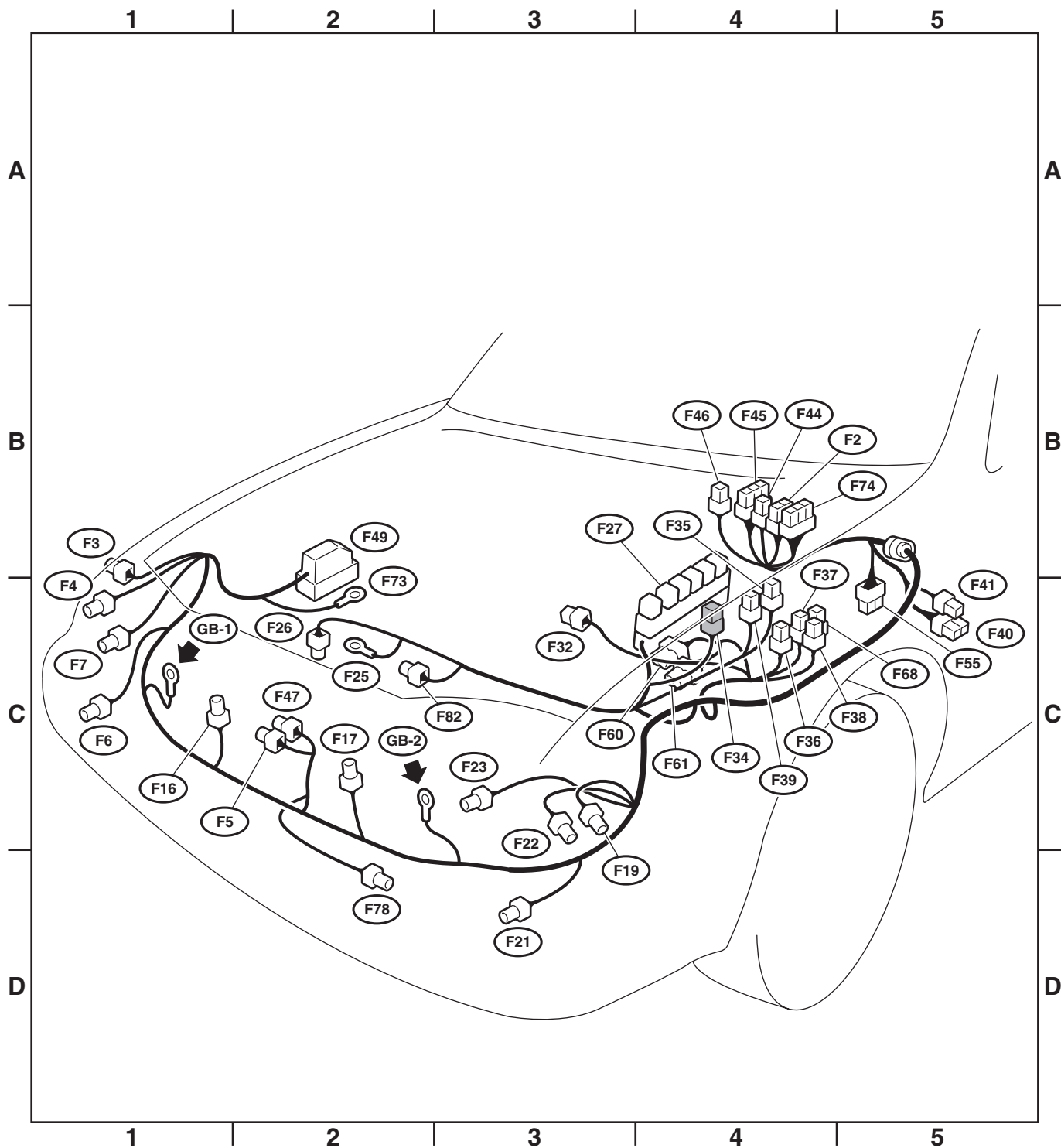
A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
F2	16	Blue	B-5	B100	Bulkhead wiring harness
F3	2	Gray	C-1		Front turn signal light upper RH
F4	3	Gray	C-1		Front clearance light RH and front turn signal light lower RH
F5	1	Black	C-1		Horn
F6	2	★	C-1		Front fog light RH
F7	3	Black	C-1		Headlight RH (2-lights)
	3	★	C-1		Headlight RH (4-lights)
F16	2	Black	C-1		Sub fan motor (NON-TURBO model)
	4	Gray	C-1		Sub fan motor (TURBO model)
F17	2	Black	C-2		Radiator main fan motor (NON-TURBO model)
	4	Gray	C-2		Radiator main fan motor (TURBO model)
F19	2	Gray	D-3		Front turn signal light upper LH
F21	2	★	D-3		Front fog light LH
F22	3	Gray	C-3		Front clearance light LH and front turn signal light lower LH
F23	3	Black	C-3		Headlight LH (2-lights)
	3	★	C-3		Headlight LH (4-lights)
F25	1	★	C-2		A/C compressor
F26	3	Green	C-2		Alternator
F27	4	Black	B-3		A/C fuse (Relay holder)
	5	Black	B-3		A/C sub fan relay (Relay holder)
	5	Black	B-3		Radiator main fan relay (Relay holder)
	5	Black	B-3		A/C relay (Relay holder)
	5	Black	B-3		Front fog light relay (Relay holder)
	2	Black	B-3		FWD switch
	5	Black	B-3		Fan mode relay (TURBO model)
F32	2	Black	C-3		Front washer motor
F34	4	Black	C-4		SBF holder
F35	2	Black	B-4		Main fuse box (M/B)
F36	3	★	C-4		
F37	6	Black	B-4		
F38	1	Brown	C-5		
F39	8	Black	C-4		
F40	9	Brown	C-5		Fuse and relay box (F/B)
F41	7	Gray	C-5		
F44	8	Black	B-4	B61	Bulkhead wiring harness
F45	20	★	B-4	B62	Bulkhead wiring harness
F46	6	★	B-4	B108	Bulkhead wiring harness
F47	1	Black	C-2		Horn
F49	31	Black	B-2		ABS control module
F55	8	★	C-5	R49	Rear wiring harness
F60	16	Brown	C-3	E3	Bulkhead wiring harness (TURBO model)
F61	20	Black	C-4	E2	
F68	4	Black	C-5		Main fuse box (M/B)
F73	1	★	B-2		ABS motor ground
F74	32	★	B-4	B200	Bulkhead wiring harness (TURBO model)
F78	2	Black	D-2		Ambient sensor
F82	1	Black	C-3		A/C compressor

FRONT WIRING HARNESS

WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
★: Non-colored					



WI-08623

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

WIRING SYSTEM

51.Bulkhead Wiring Harness (In Engine Room)

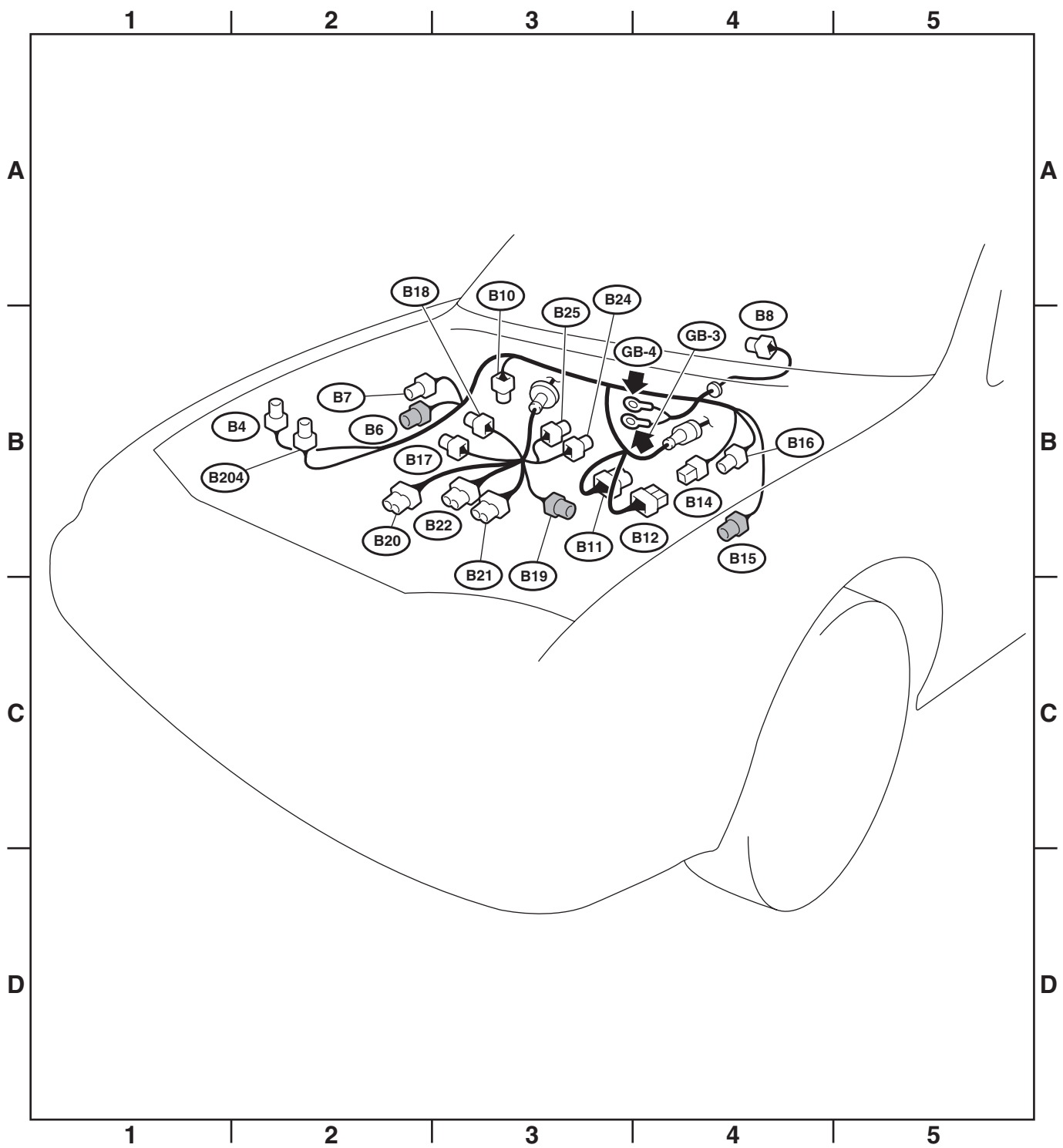
A: LOCATION

1. NON-TURBO ENGINE MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B4	4	Gray	B-2		AT dropping resistor
B6	2	Brown	B-2		ABS front sensor RH
B7	6	Black	B-2		Cruise control actuator
B8	5	Gray	B-4		Front wiper motor
B10	2	Brown	A-3		A/C pressure switch
B11	20	Black	B-3	T4	Transmission (AT)
B12	12	Black	B-4	T3	
B14	1	Black	B-4		Starter (Magnet)
B15	2	Brown	B-4		ABS front sensor LH
B16	2	Gray	B-4		Brake fluid level switch
B17	3	Black	B-2		Vehicle speed sensor (MT)
B18	4	Black	B-3		Front oxygen (A/F) sensor
B19	4	★	B-3		Rear oxygen sensor cord
B20	6	★	B-2	E1	Engine wiring harness
B21	20	Gray	B-3	E2	
B22	16	Brown	B-3	E3	
B24	2	Gray	B-3	T1	Back-up light switch (MT)
B25	2	Brown	B-3	T2	Neutral position switch (MT)
B204	1	Black	B-2		Security horn
★: Non-colored					

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

WIRING SYSTEM



WI-05867

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

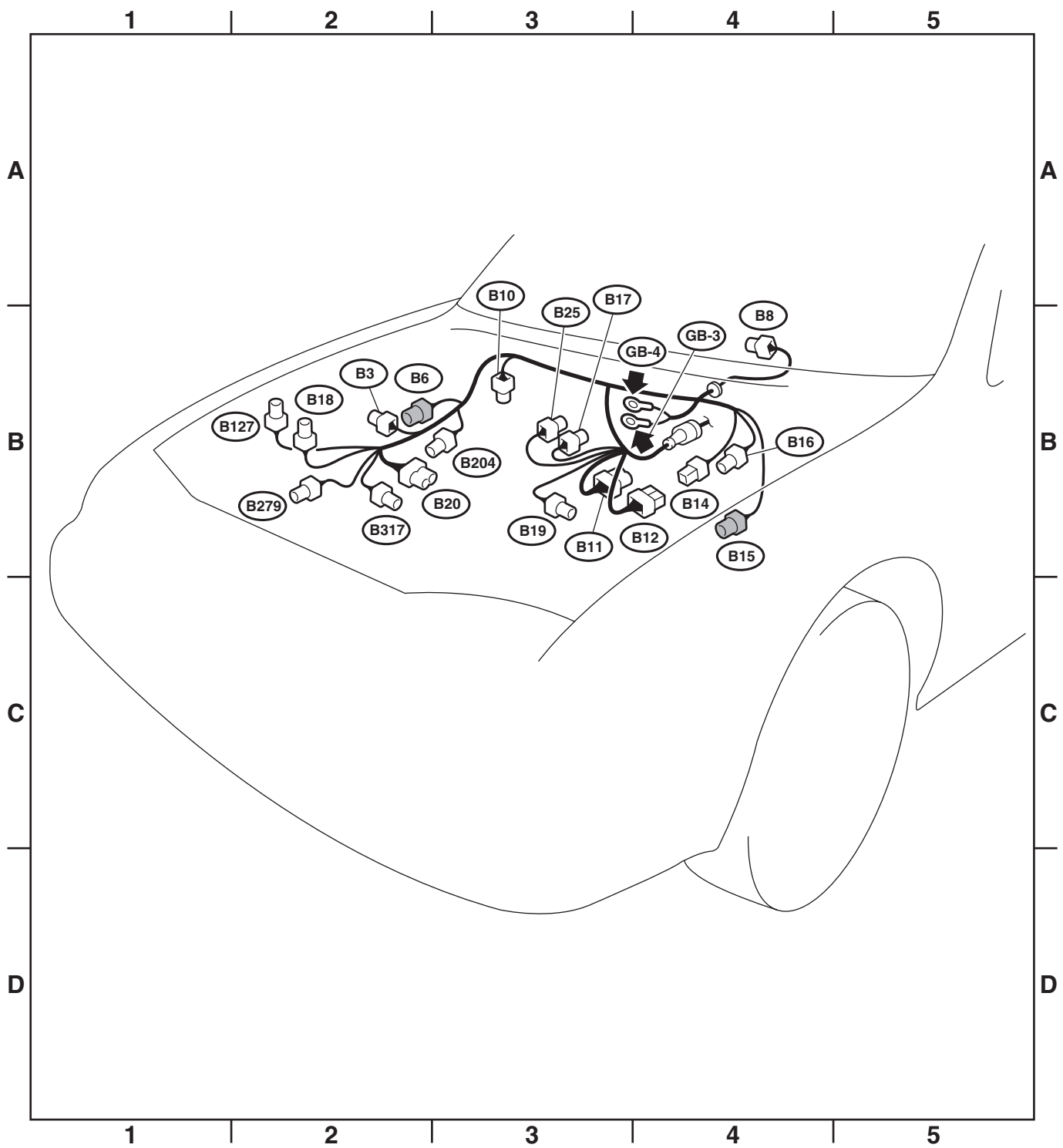
WIRING SYSTEM

2. TURBO ENGINE MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B3	5	★	B-2		Mass air flow meter
B6	2	Brown	B-2		ABS front sensor RH
B8	5	Gray	B-4		Front wiper motor
B10	4	★	A-3		A/C pressure switch
B11	20	Black	B-3	T4	Transmission (AT)
B12	12	Black	B-4	T3	
B14	1	Black	B-4		Starter (Magnet)
B15	2	Brown	B-4		ABS front sensor LH
B16	2	Gray	B-4		Brake fluid level switch
B17	4	★	B-2		Vehicle speed sensor (MT)
B18	4	★	B-4		Front oxygen (A/F) sensor
B19	4	★	B-3		Rear oxygen sensor cord
B20	10	★	B-2	E1	Engine wiring harness
B25	4	Gray	B-3	T2	Neutral position switch (MT)
B127	2	★	B-2		Wast gate solenoid
B204	1	Black	B-2		Security horn
B279	2	★	B-2		Exhaust gas temperature sensor
B317	4	★	B-2	E56	Engine wiring harness
★: Non-colored					

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

WIRING SYSTEM



BULKHEAD WIRING HARNESS (IN COMPARTMENT)

WIRING SYSTEM

52.Bulkhead Wiring Harness (In Compartment)

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B30	24	★	C-1	D1	Front door cord LH
B31	12	Yellow	D-1	AB1	SRS (Airbag) harness
B32	3	Black	B-3		Turn & hazard module
B34	4	Black	B-4		Diode (Key warning)
B36	66	★	B-1	i1	Instrument panel wiring harness (SMJ)
B40	16	★	C-1		Data link connector
B41	2	★	C-1		Power window circuit breaker
B46	4	Green	B-1		Fuel pump relay
B47	6	Brown	C-5		Main relay
B50	4	Black	D-1		Blower relay
B51	8	★	B-1		Fuse & relay box (F/B)
B52	7	★	B-1		
B53	12	Blue	C-3		Shield joint connector (NON-TURBO model)
	6	★	C-3		Shield joint connector (TURBO model)
B54	24	★	C-2		Transmission control module (NON-TURBO model)
	17	★	C-2		Transmission control module (TURBO model)
B55	24	Gray	C-3		Transmission control module (NON-TURBO model)
	24	★	C-3		Transmission control module (TURBO model)
B56	31	★	C-3		Transmission control module (TURBO model)
B59	5	★	B-1		Interrupt relay (Security)
B61	8	Black	C-2	F44	Front wiring harness
B62	20	Black	B-2	F45	
B65	4	Black	B-2		Stop & brake switch (With cruise control)
B68	5	★	D-2		Cruise control sub switch
B69	4	★	D-3		Parking switch
B70	18	★	D-3		Combination switch
B71	17	★	D-3		
B72	4	Blue	C-2		Ignition switch
B73	2	★	C-2		Key lock solenoid
B74	2	Black	C-2		Key warning switch
B75	2	Green	B-3	B76	Test mode connector
B76	2	Green	B-3	B75	
B77	10	Brown	C-3		Mode actuator

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B79	14	Gray	C-1		Check connector
B80	8	★	C-3	i20	Instrument panel wiring harness
B81	1 × 2	★	C-3		Diagnosis terminal (Ground)
B83	20	★	C-5		Shield & sensor ground joint connector (E/G) (TURBO model)
B86	6	Black	C-4		Blower motor resistor
B87	2	★	C-5		Blower motor
B88	3	Black	C-4		Evaporator thermo switch
B90	6	Black	B-5	R50	Roof cord
B91	6	Black	B-5		FRESH/RECIRC actuator
B93	18	★	C-3		Security control module
B94	20	Black	B-5		Cruise control module
B96	8	★	C-2		Daytime running light control module
B97	8	★	C-5	R-1	Rear wiring harness
B98	18	★	C-5	R-2	
B99	24	Black	C-5	R-3	
B100	16	Blue	B-1	F-2	Front wiring harness
B101	24	★	C-5	D11	Front door cord RH
B104	4	★	B-2		Seat heater/rear accessory power supply relay
B105	4	Black	C-2		Starter interlock relay
B106	2	★	B-2		Clutch switch
B107	2	Blue	B-2		Clutch switch (Cruise control)
B108	6	★	B-2	F46	Front wiring harness
B112	2	★	C-2		Diode (DRL)
B113	2	★	D-1	D50	Front door cord LH
B116	6	Blue	C-3		Select lever illumination light (AT)
B122	6	★	C-4		Shield & sensor ground joint connector (NON-TURBO model)
	4	★	C-4		Shield & sensor ground joint connector (TURBO model)
B134	35	★	C-4		Engine control module (NON-TURBO model)
	34	★	C-4		Engine control module (TURBO model)

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

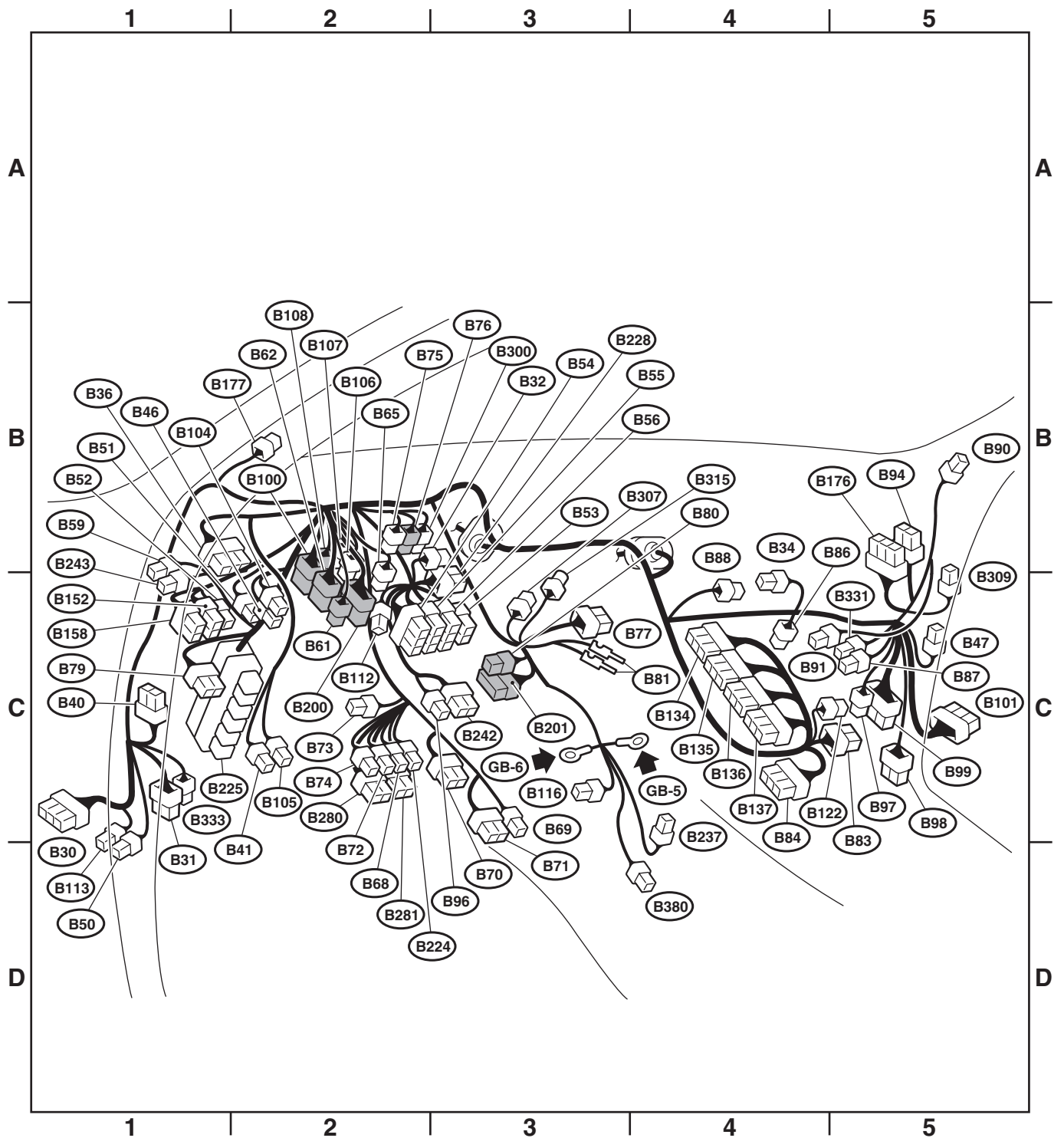
WIRING SYSTEM

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B135	28	★	C-4		Engine control module (NON-TURBO model)
	35	★	C-4		Engine control module (TURBO model)
B136	26	★	C-4		Engine control module (NON-TURBO model)
	35	★	C-4		Engine control module (TURBO model)
B137	20	★	C-4		Engine control module (NON-TURBO model)
	31	★	C-4		Engine control module (TURBO model)
B152	12	★	C-1		Fuse & relay box (F/B)
B158	10	Gray	C-1		
B176	26	Gray	B-5		Keyless entry control module
B177	2	★	B-1		Wiper deicer
B183	1	★	C-1	B184	Joint connector (Keyless entry)
B184	1	★	C-1	B183	
B200	32	★	C-2	F74	Front wiring harness
B201	22	★	C-3	i40	Instrument panel wiring harness
B224	2	★	D-3		Key switch light
B225	8	Black	C-1		Fuse (Relay block)
	5	Black	C-1		Wiper deicer relay (Relay block)
	5	Black	C-1		Power window relay (Relay block)
	5	Black	C-1		SPORT light relay (Relay block)
	5	Black	C-1		Daytime running light relay (Relay block)
	5	Black	C-1		Ignition relay (Relay block)
	5	Black	C-1		Front fog light relay (Relay block)
B228	15	★	B-3		OP connector
B237	6	Black	D-4		SPORT shift switch (Turbo engine model)
B242	10	★	C-3		Daytime running light control module
B243	6	Black	B-1		Security relay
B280	20	Gray	C-2		Integrated module
B281	16	Blue	C-2		
B300	6	★	B-3		Line end check connector
B307	2	★	C-3		Diode (TURBO model)
B309	4	★	C-5		ETC relay (TURBO model)

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B315	6	Black	C-3		Accelerator pedal position sensor (TURBO model)
B331	2	★	C-5		Diode (Baja light)
B333	8	★	C-1		Stop & turn module
B380	8	★	D-4		Impact sensor
★: Non-colored					

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

WIRING SYSTEM



WI-08624

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

WIRING SYSTEM

MEMO:

ENGINE WIRING HARNESS AND TRANSMISSION CORD

WIRING SYSTEM

53.Engine Wiring Harness and Transmission Cord

A: LOCATION

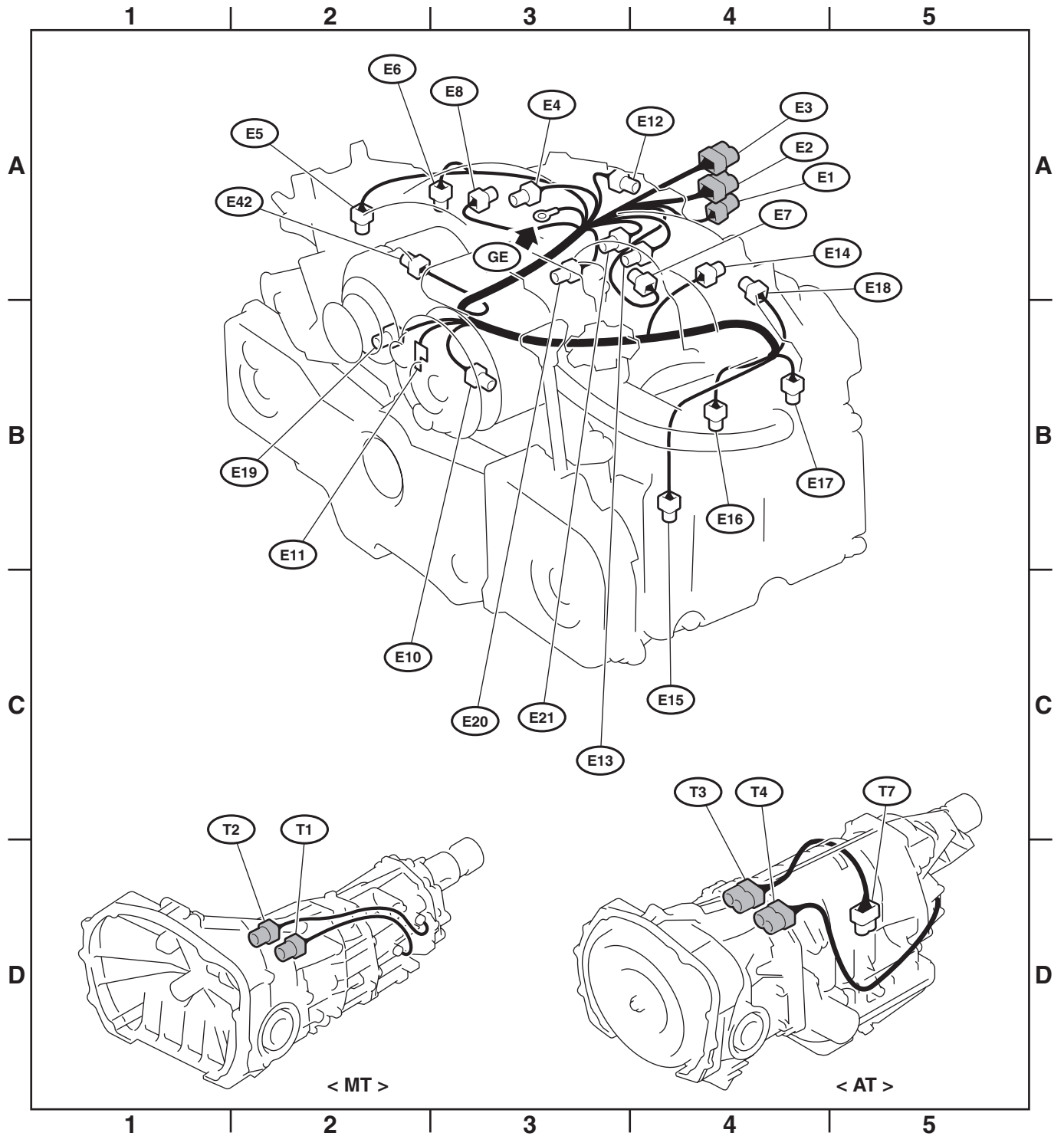
1. NON-TURBO ENGINE MODEL

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
E1	6	★	A-4	B20	Bulkhead wiring harness
E2	20	★	A-4	B21	
E3	16	Brown	A-4	B22	
E4	2	★	A-3		CPC solenoid valve
E5	2	★	A-2		Injector #1
E6	2	★	A-2		Injector #3
E7	6	★	A-4		Idle air control solenoid valve
E8	3	★	A-3		Engine coolant temperature sensor and thermometer
E10	2	★	C-2		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E12	4	★	A-4		Ignition coil and ignitor
E13	4	★	A-4		Throttle position sensor
E14	2	★	A-5		Knock sensor
E15	2	★	C-4		Camshaft position sensor
E16	2	★	B-4		Injector #2
E17	2	★	B-4		Injector #4
E18	6	★	A-5		EGR solenoid valve
E19	1	★	B-2		Power steering oil pressure switch
E20	2	★	C-3		Intake air temperature sensor
E21	3	★	A-3		Pressure sensor
E42	2	★	A-2		Air assist injector solenoid valve
★: Non-colored					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
T1	2	★	D-2	B24	Bulkhead wiring harness (MT)
T2	2	★	D-2	B25	
T3	12	★	C-4	B12	Bulkhead wiring harness (AT)
T4	20	Black	C-4	B11	
T7	12	★	C-5		Inhibitor switch
★: Non-colored					

ENGINE WIRING HARNESS AND TRANSMISSION CORD

WIRING SYSTEM



WI-06825

ENGINE WIRING HARNESS AND TRANSMISSION CORD

WIRING SYSTEM

2. TURBO ENGINE MODEL

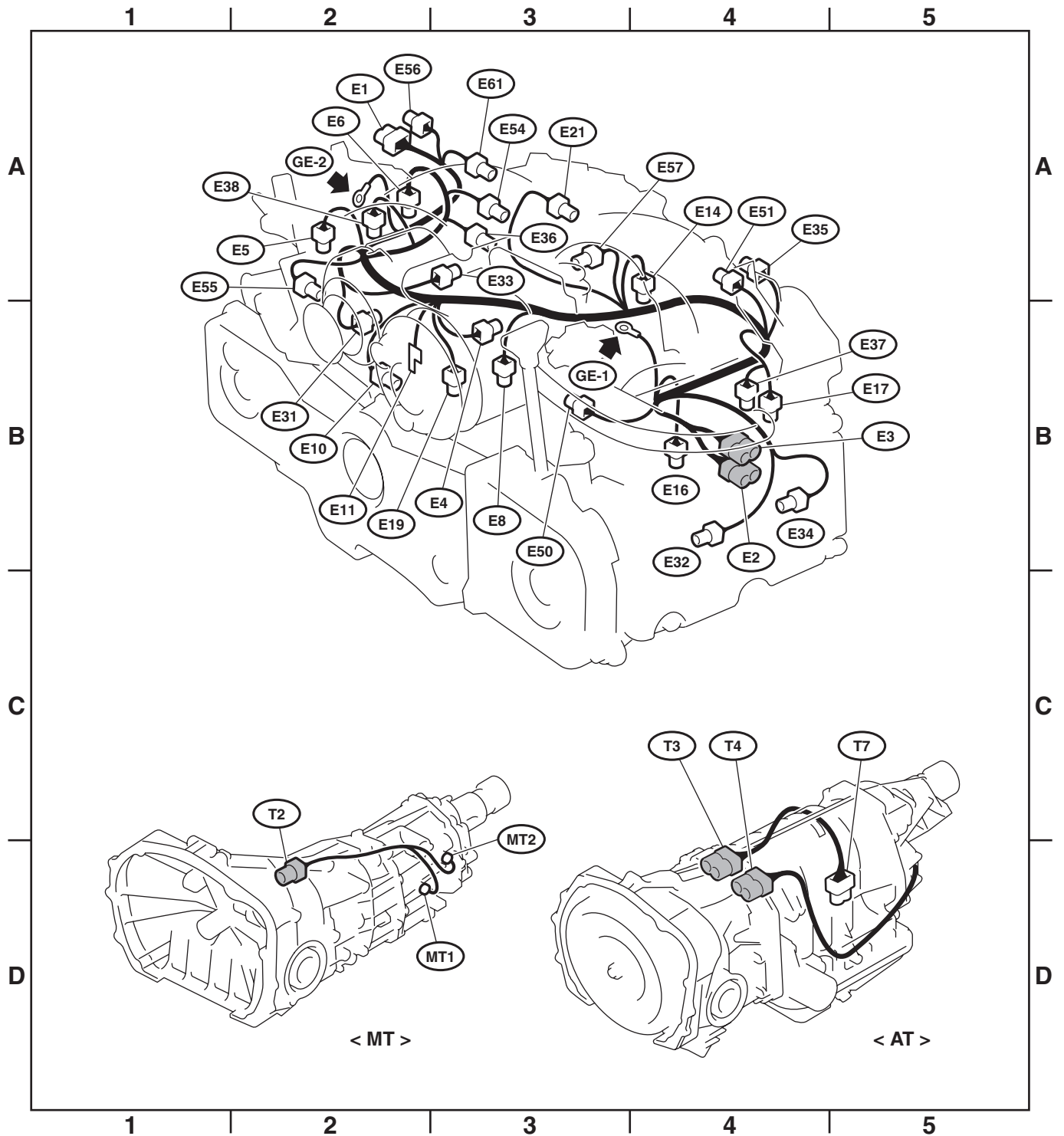
Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
E1	10	Gray	A-2	B20	Bulkhead wiring harness
E2	20	Black	B-4	F61	Front wiring harness
E3	16	Brown	B-5	F60	
E4	2	Black	B-3		CPC solenoid valve
E5	2	Light gray	A-2		Fuel injector No. 1
E6	2	Light gray	A-2		Fuel injector No. 3
E8	3	Light gray	B-3		Engine 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-5		Fuel injector No. 4
E19	1	★	B-2		Power steering oil pressure switch
E21	3	Black	A-3		Pressure sensor (MT)
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		AVCS camshaft position sensor LH
E36	3	Light gray	A-3		AVCS camshaft position sensor RH
E37	2	★	B-5		AVCS solenoid RH
E38	2	★	A-2		AVCS solenoid RH
E50	3	Black	B-3		Tumble generator valve opening angle sensor LH
E51	2	Black	A-4		Tumble generator valve LH
E54	3	Black	A-3		Tumble generator valve opening angle sensor RH
E55	2	Black	A-1		Tumble generator valve RH
E56	4	Dark gray	A-2	B317	Bulkhead wiring harness
E57	6	Black	A-4		Electronic control throttle
E61	2	Dark gray	A-3		PVC diagnosis connector
★: Non-colored					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
T2	4	Gray	C-2	B25	Bulkhead wiring harness (MT)
T3	12	★	C-4	B12	Bulkhead wiring harness (AT)
T4	20	Black	C-4	B11	
T7	12	★	C-5		Inhibitor switch
★: Non-colored					

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
MT1	2	Brown	D-3		Neutral position switch (MT)
MT2	2	Brown	D-3		Back-up light switch (MT)
★: Non-colored					

ENGINE WIRING HARNESS AND TRANSMISSION CORD

WIRING SYSTEM



WI-08625

INSTRUMENT PANEL WIRING HARNESS

WIRING SYSTEM

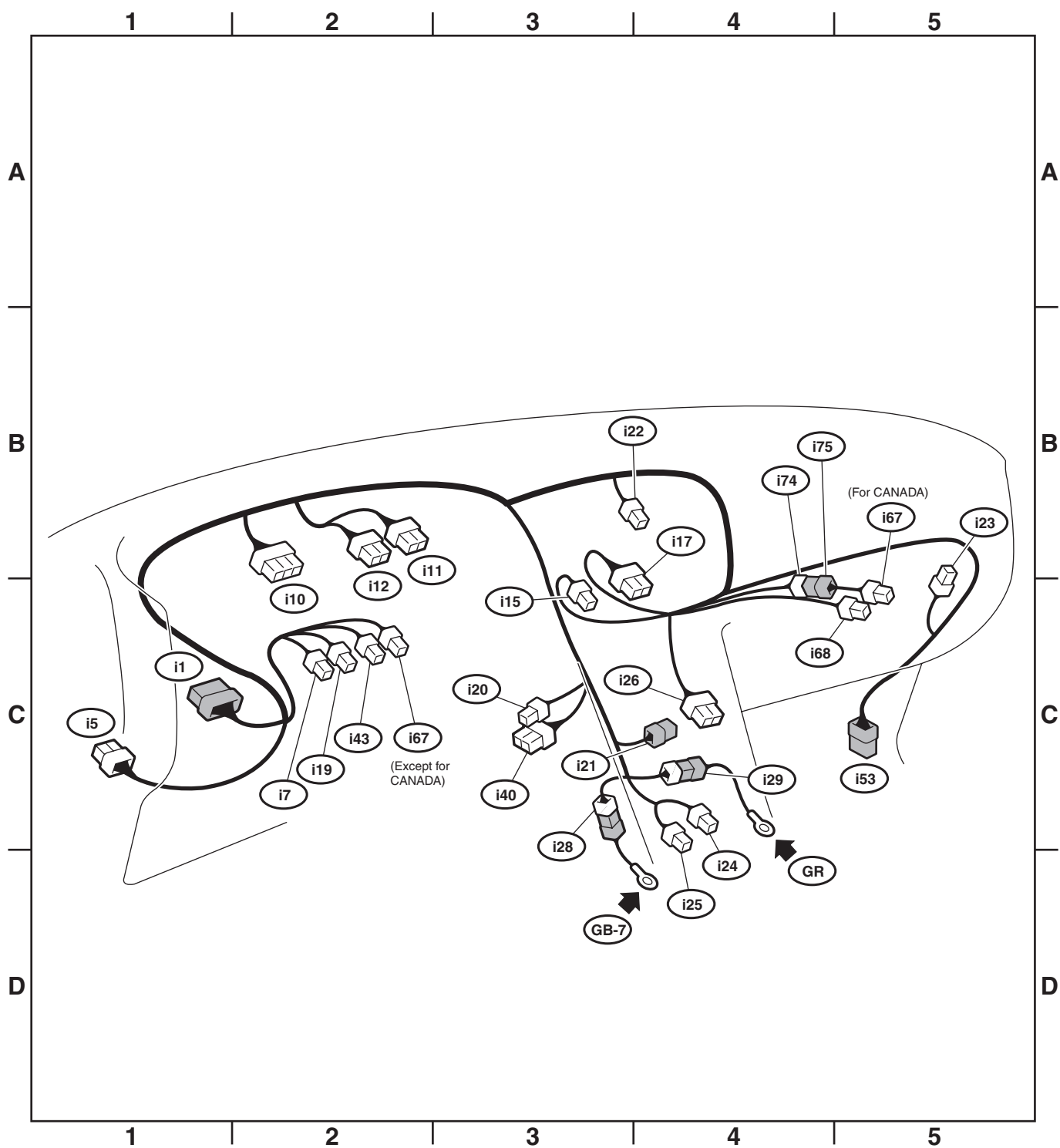
54.Instrument Panel Wiring Harness

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
i1	66	★	C-1	B36	Bulkhead wiring harness
i5	12	★	C-1		Fuse & relay box (F/B)
i7	6	Yellow	C-2		Front fog light switch
i10	30	Green	C-2		Combination meter
i11	16	Green	B-2		
i12	14	Green	C-2		
i15	6	★	C-3		Mode control panel (Heater control)
i17	20	Gray	B-3		
i19	6	Brown	C-2		Cruise control main switch
i20	8	★	C-3	B80	Bulkhead wiring harness
i21	2	★	C-3		Ash tray illumination light
i22	8	★	B-3		Hazard switch
i23	2	★	B-5		Glove box illumination light
i24	2	★	D-4		Cigarette lighter
i25	3	★	D-4		Cigarette lighter illumination light
i26	14	★	C-4		Radio
i28	1	Black	C-3		Body ground
i29	1	Black	C-4		Body ground (Radio)
i40	22	★	C-3	B201	Bulkhead wiring harness
i43	6	★	C-2		Wiper deicer switch
i53	16	Blue	C-5	R98	Rear wiring harness
i67	6	Gray	B-5		Cargo light switch (For CANADA)
i67	6	Gray	C-2		Cargo light switch (Except For CANADA)
i68	6	Gray	C-5		Sport light
i74	6	★	C-4	i75	Cargo light switch adapter cord
i75	6	★	C-4	i74	
★: Non-colored					

INSTRUMENT PANEL WIRING HARNESS

WIRING SYSTEM



WI-05787

REAR WIRING HARNESS

WIRING SYSTEM

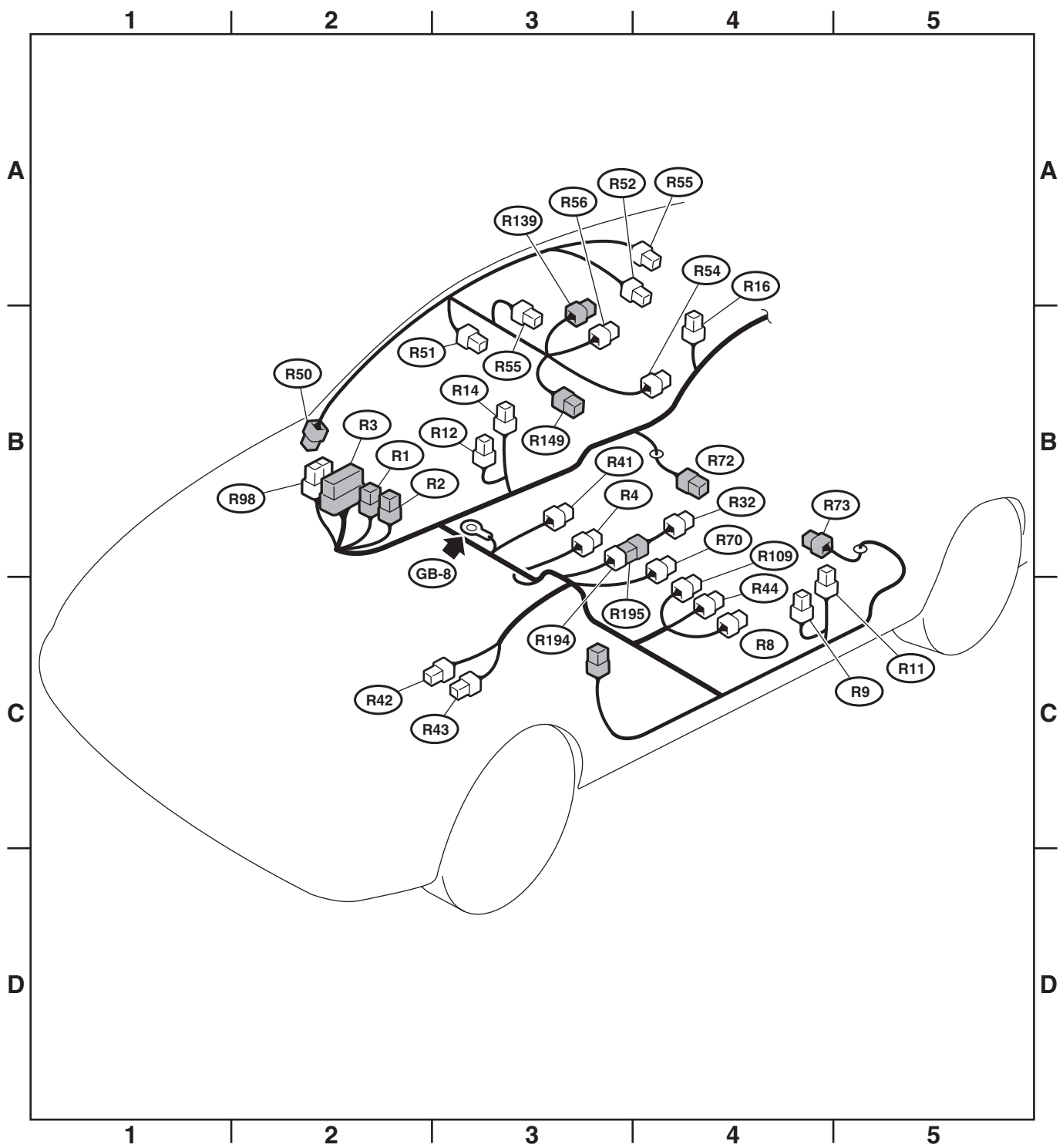
55.Rear Wiring Harness

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R1	8	★	B-2	B97	Bulkhead wiring harness
R2	18	★	B-2	B98	Bulkhead wiring harness
R3	24	Black	B-2	B99	Bulkhead wiring harness
R4	1	Black	B-4		Parking brake switch
R8	2	★	C-4		Seat belt switch
R9	3	★	C-4		Front door switch LH
R11	8	★	C-5	D21	Rear door cord LH
R12	3	★	B-3		Front door switch RH
R14	8	★	B-3	D27	Rear door cord RH
R16	3	Black	B-4		Rear door switch RH
R32	2	★	B-4		Power supply socket
R41	4	Blue	B-3		Seat heater RH
R42	6	★	C-2		Seat heater switch RH
R43	6	Blue	C-2		Seat heater switch LH
R44	4	Blue	C-4		Seat heater LH
R49	8	★	C-3	F55	Front wiring harness
R50	6	★	B-2	B90	Bulkhead wiring harness
R51	2	Black	B-2		Vanity mirror illumination light RH
R52	3	★	B-3		Room light
R54	2	Black	B-3		Vanity mirror illumination light LH
R55	1	★	B-2		Sunroof
R56	2	★	B-3		Spot light
R70	3	★	C-4		ABS G sensor
R72	2	Gray	B-4		Rear ABS sensor RH
R73	2	Gray	B-4		Rear ABS sensor LH
R98	16	Blue	B-2	i53	Instrument panel wiring harness
R109	2	Black	C-4		Power seat motor
R139	3	★	B-3		Compass mirror
R194	2	★	B-3	R195	Socket adapter cord
R195	2	★	B-4	R194	Socket adapter cord
★: Non-colored					

REAR WIRING HARNESS

WIRING SYSTEM



WI-05870

DOOR CORD

WIRING SYSTEM

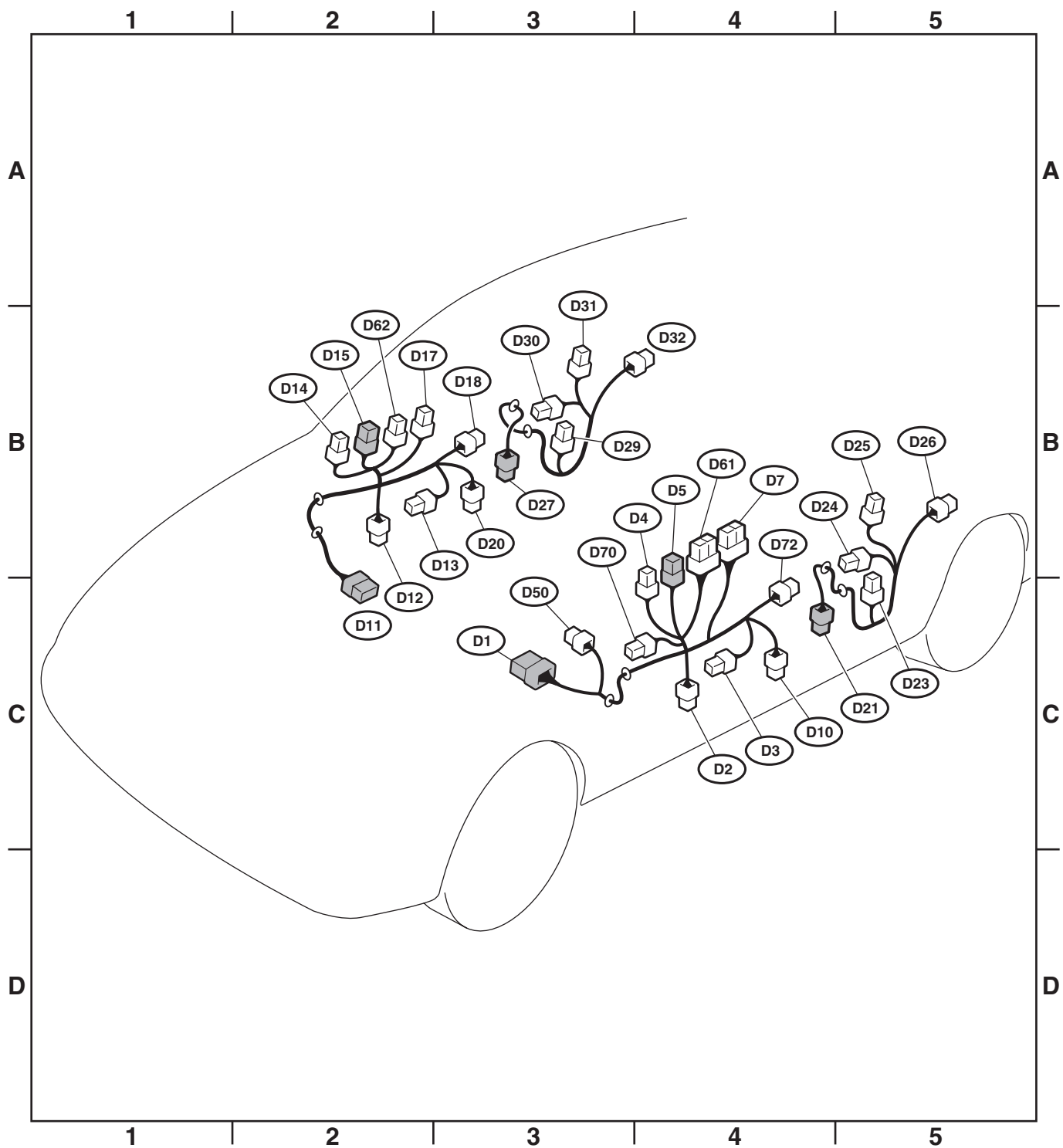
56.Door Cord

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
D1	24	★	C-2	B30	Bulkhead wiring harness
D2	2	★	C-3		Front door speaker LH
D3	2	Green	C-3		Front power window motor LH
D4	2	Black	C-3		Front door tweeter LH
D5	6	★	C-3		Remote control rearview mirror LH
D7	16	★	C-3		Power window main switch
D10	2	★	C-3		Step light LH
D11	24	★	C-2	B101	Bulkhead wiring harness
D12	2	★	C-2		Front door speaker RH
D13	2	Green	B-2		Front power window motor RH
D14	2	Black	B-2		Front door tweeter RH
D15	6	★	B-2		Remote control rearview mirror RH
D17	6	★	B-2		Front power window sub switch RH
D18	4	★	B-2		Front door lock actuator RH
D20	2	★	B-2		Step light RH
D21	8	★	C-3	R11	Rear wiring harness
D23	2	Black	C-4		Rear door speaker LH
D24	2	Green	C-4		Rear power window motor LH
D25	6	★	B-4		Rear power window sub switch LH
D26	4	★	B-4		Rear door lock actuator LH
D27	8	★	B-2	R14	Rear wiring harness
D29	2	Black	B-2		Rear door speaker RH
D30	2	Green	B-2		Rear power window motor RH
D31	6	★	B-2		Rear power window sub switch RH
D32	4	★	B-3		Rear door lock actuator RH
D50	2	★	C-3	B113	Bulkhead wiring harness
D61	10	★	C-3		Remote control rearview mirror switch
D62	6	Brown	B-2		Front door lock switch RH
D70	2	Gray	C-3		Keyless buzzer
D72	4	★	C-3		Front door lock actuator LH
★: Non-colored					

DOOR CORD

WIRING SYSTEM



WI-05871

REAR WIRING HARNESS AND REAR TAIL GATE CORD

WIRING SYSTEM

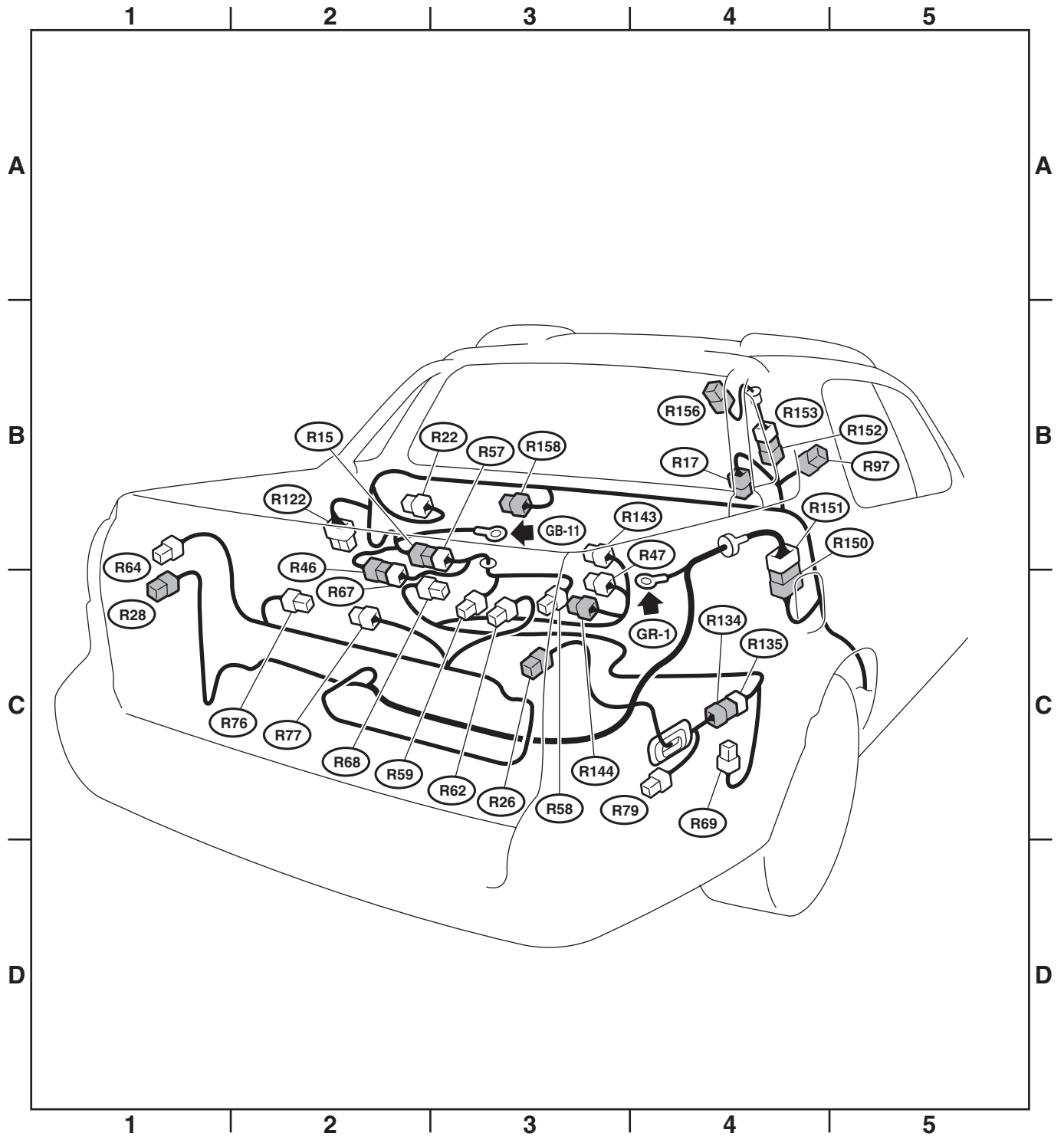
57.Rear Wiring Harness and Rear Tail Gate Cord

A: LOCATION

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R15	6	Black	B-2	R57	Fuel tank cord
R17	1	★	B-4		Rear defogger (Power) (Without choke coil model)
R22	3	Black	B-3		Rear door switch LH
R26	6	★	C-3		Rear combination light RH
R28	6	★	C-1		Rear combination light LH
R46	2	★	C-2	R67	Fuel tank cord (With fuel pump control module model)
R47	3	★	C-3		Fuel tank pressure sensor
R57	6	Black	B-3	R15	Rear wiring harness
R58	6	★	C-3		Fuel gauge module & fuel pump assembly
R59	2	★	C-3		Fuel gauge sub module
R62	2	★	C-3		Rear finisher light RH
R64	2	★	B-1		Rear finisher light LH
R67	2	★	B-2	R46	Rear wiring harness
R68	2	★	C-3		Pressure control solenoid valve
R69	2	★	C-4		Vent control solenoid valve
R76	2	★	C-2		License plate light LH
R77	2	★	C-2		License plate light RH
R79	6	★	C-4		Trailer connector
R97	2	★	B-4		Antenna amp.
R122	10	★	B-2		Fuel pump control module
R134	8	★	C-4	R135	On refueling vapor recovery cord
R135	8	★	C-4	R134	Rear wiring harness
R143	2	★	B-3		Drain valve
R144	2	★	C-4		Fuel tank sensor control valve
R150	16	★	C-4	R151	Rear wiring harness (Rear)
R151	16	★	B-4	R150	Rear wiring harness (Front)
R152	8	★	B-4	R153	Roof light cord
R153	8	★	B-4	R152	Rear wiring harness (Front)
R156	4	★	B-4		SPORT light
R158	2	★	B-3		Switch back gate latch switch
★: Non-colored					

REAR WIRING HARNESS AND REAR TAIL GATE CORD

WIRING SYSTEM

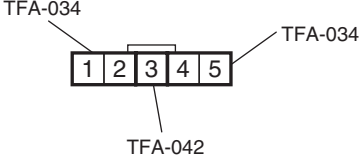
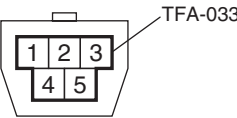
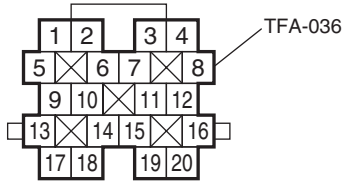
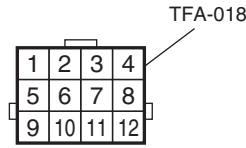


WI-05872

58.Harness Repair Kit

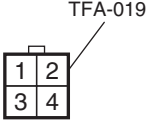
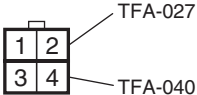
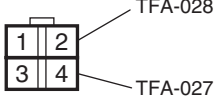
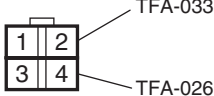
A: SPECIFICATION

1. ADAPTATION TABLE

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B3	 WI-06229	1, 2, 4, 5	TFA-034
		3	TFA-042
B8	 WI-06230	All	TFA-033
B11	 WI-06231	All	TFA-036
B12	 WI-06232	All	TFA-018

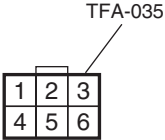
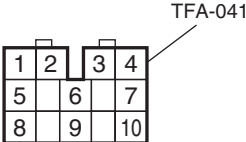
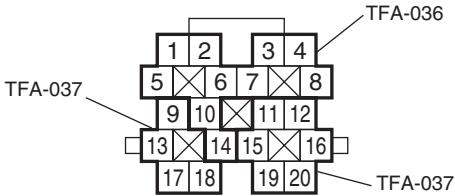
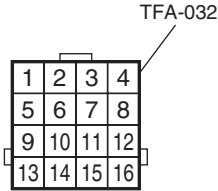
HARNESS REPAIR KIT

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B17	 WI-06234	All	TFA-019
B18	 WI-06235	1, 2 3, 4	TFA-027 TFA-040
B19 (NON-TURBO model)	 WI-06237	1, 2 3, 4	TFA-028 TFA-027
B19 (TURBO model)	 WI-06236	1, 2 3, 4	TFA-033 TFA-026

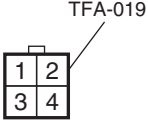
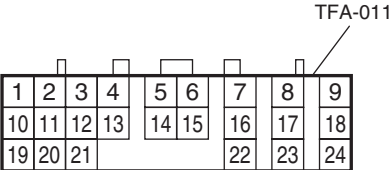
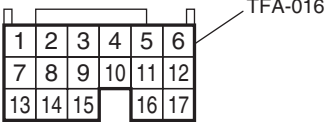
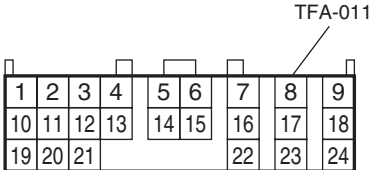
HARNESS REPAIR KIT

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B20 (NON-TURBO model)	 WI-06240	All	TFA-035
B20 (TURBO model)	 WI-06242	All	TFA-041
B21	 WI-06244	1 - 8, 10, 14	TFA-036
		9, 11 - 13, 15 - 20	TFA-037
B22	 WI-06216	All	TFA-032

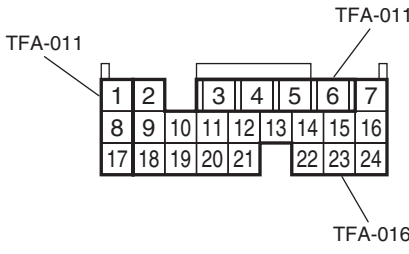
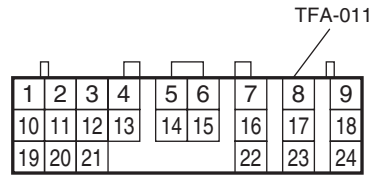
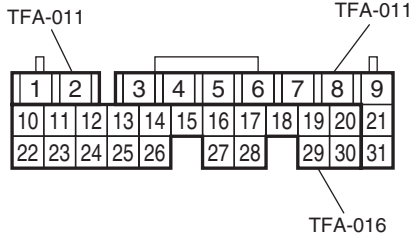
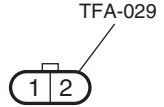
HARNESS REPAIR KIT

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B25	 WI-06234	All	TFA-019
B54 (NON-TURBO model)	 WI-06250	All	TFA-011
B54 (TURBO model)	 WI-06251	All	TFA-016
B55 (NON-TURBO model)	 WI-06252	All	TFA-011

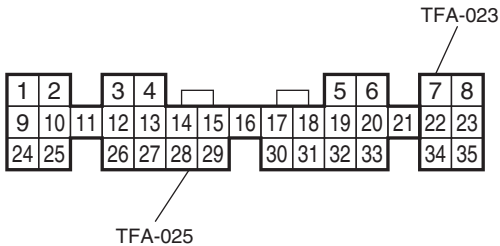
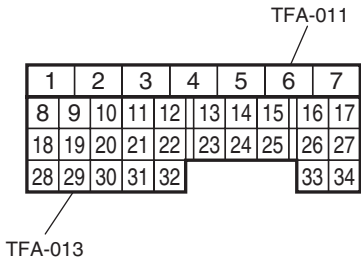
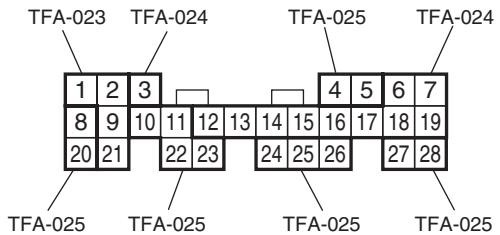
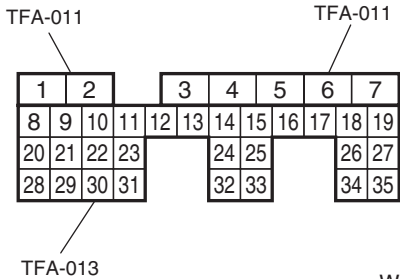
HARNESS REPAIR KIT

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B55 (TURBO model)	 WI-06253	1, 3 - 6, 8, 17	TFA-011
		2, 7, 9 - 16, 18 - 24	TFA-016
B56 (NON-TURBO model)	 WI-06254	All	TFA-011
B56 (TURBO model)	 WI-06255	1 - 9, 21, 31	TFA-011
		10 - 20, 22 - 30	TFA-016
B127	 WI-06220	All	TFA-029

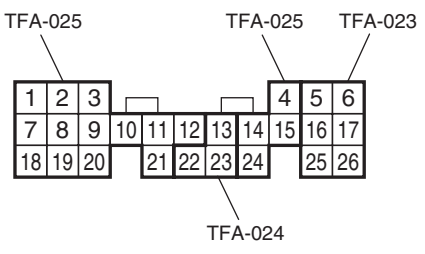
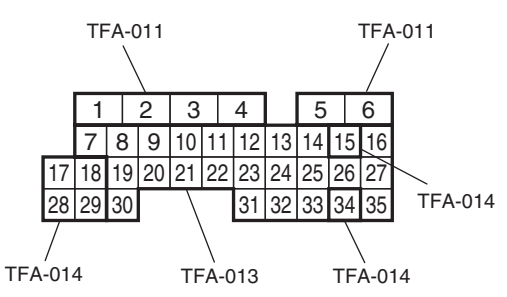
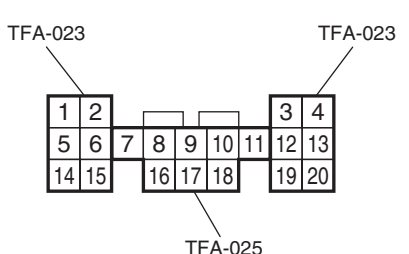
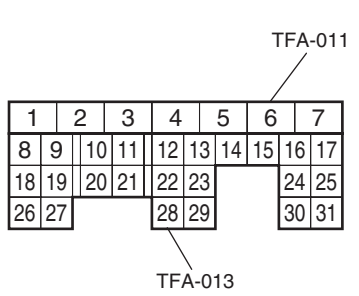
HARNESS REPAIR KIT

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B134 (NON-TURBO model)	 WI-06258	7, 8, 22, 23, 34, 35	TFA-023
		1 - 6, 9 - 21, 24 - 33	TFA-025
B134 (TURBO model)	 WI-06260	1 - 7	TFA-011
		8 - 34	TFA-013
B135 (NON-TURBO model)	 WI-06261	1, 2, 9, 21	TFA-023
		3, 6, 7, 12 - 19	TFA-024
		4, 5, 8, 10, 11, 20, 22 - 28	TFA-025
B135 (TURBO model)	 WI-06263	1 - 7	TFA-011
		8 - 35	TFA-013

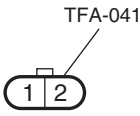
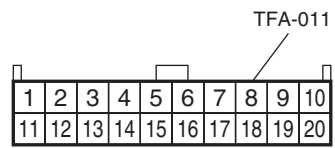
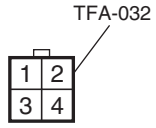
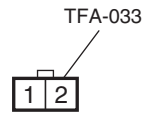
HARNESS REPAIR KIT

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B136 (NON-TURBO model)	 WI-06265	1 - 4, 7 - 12, 14, 15, 18 - 21, 24	TFA-025
		5, 6, 16, 17, 25, 26	TFA-023
		13, 22, 23	TFA-024
B136 (TURBO model)	 WI-06267	1 - 6	TFA-011
		7 - 14, 16, 19 - 27, 30 - 33, 35	TFA-013
		15, 17, 18, 28, 29, 34	TFA-014
B137 (NON-TURBO model)	 WI-06269	1 - 6, 12 - 15, 19, 20	TFA-023
		7 - 11, 16 - 18	TFA-025
B137 (TURBO model)	 WI-06271	1 - 7	TFA-011
		8 - 31	TFA-013

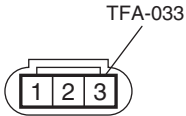
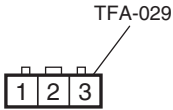
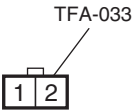
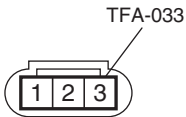
HARNESS REPAIR KIT

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
B279	 WI-06275	All	TFA-041
B280	 WI-06276	All	TFA-011
B317	 WI-06277	All	TFA-032
F3	 WI-06211	All	TFA-033

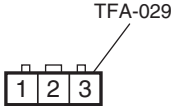
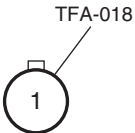
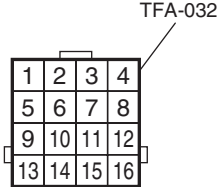
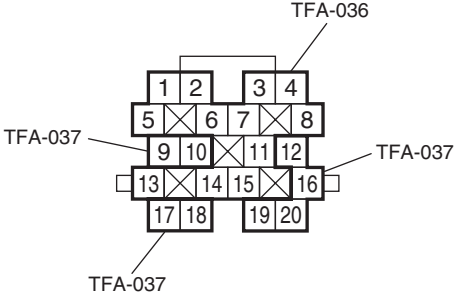
HARNESS REPAIR KIT

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
F4	 WI-06212	All	TFA-033
F7	 WI-06213	All	TFA-029
F19	 WI-06211	All	TFA-033
F22	 WI-06212	All	TFA-033

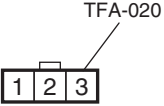
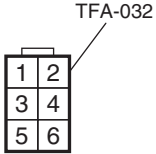
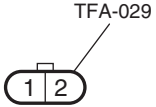
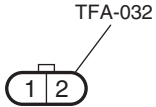
HARNESS REPAIR KIT

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
F23	 WI-06213	All	TFA-029
F25	 WI-06214	All	TFA-018
F60	 WI-06216	All	TFA-032
F61	 WI-06217	1 - 8, 11, 13 - 15	TFA-036
		9, 10, 12, 16 - 20	TFA-037

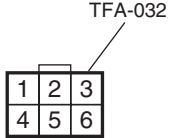
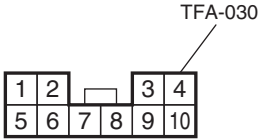
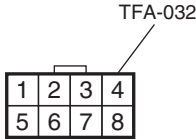
HARNESS REPAIR KIT

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
R47	 WI-06218	All	TFA-020
R58	 WI-06219	All	TFA-032
R59	 WI-06220	All	TFA-029
R68	 WI-06221	All	TFA-032

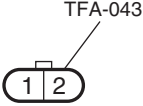
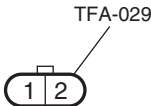
HARNESS REPAIR KIT

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
R70	 WI-04703	All	TFA-012
R79	 WI-06223	All	TFA-032
R122	 WI-06224	All	TFA-030
R135	 WI-06227	All	TFA-032

HARNESS REPAIR KIT

WIRING SYSTEM

Connector No.	Adaptive repair kit	Terminal No.	Harness repair kit No.
R143	 WI-06228	All	TFA-043
R144	 WI-06220	All	TFA-029