

SUPPLEMENT

This service manual has been prepared to provide SUBARU service personnel with the necessary information and data for the correct maintenance and repair of SUBARU vehicles.

This manual includes the procedures for maintenance, disassembling, reassembling, inspection and adjustment of components and diagnostics for guidance of experienced mechanics.

Please peruse and utilize this manual fully to ensure complete repair work for satisfying our customers by keeping their vehicle in optimum condition. When replacement of parts during repair work is needed, be sure to use SUBARU genuine parts.

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

FUJI HEAVY INDUSTRIES LTD.

SPECIFICATIONS

SPC

IDENTIFICATION

ID

FUEL INJECTION (FUEL SYSTEMS)

FU(SOHC)

AUTOMATIC TRANSMISSION

AT

WIPER AND WASHER SYSTEMS

WW

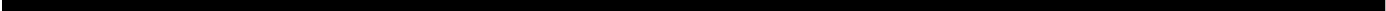
EXTERIOR/INTERIOR TRIM

EI

WIRING SYSTEM

WI

SPECIFICATIONS



| | |
|-------------------|-----------|
| 1. Forester | Page 2 |
|-------------------|-----------|

FORESTER

Specifications

1. Forester SA08758

A: DIMENSIONS SA08758G28

| Model | | 2.0 L Non-TURBO | 2.0 L TURBO |
|------------------------|---------|--------------------------------|--------------|
| Overall length | mm (in) | 4,460 (175.6), 4,530 (178.3)*1 | |
| Overall width | mm (in) | 1,735 (68.3), 1,765 (69.5)*2 | |
| Overall height (at CW) | mm (in) | 1,595 (62.8) | 1,585 (62.4) |
| Compartment | Length | 1,745 (68.7) | |
| | Width | 1,435 (56.5) | |
| | Height | 1,245 (49.0), 1,220 (48.0)*3 | |
| Wheelbase | mm (in) | 2,525 (99.4) | |
| Tread | Front | 1,475 (58.1) | |
| | Rear | 1,465 (57.7) | |
| Minimum road clearance | mm (in) | 190 (7.5), 200 (7.9)*4 | |

*1: With bushing bar

*2: With fender flare

*3: With sunroof

*4: Australia spec. vehicles

B: ENGINE SA08758G29

| Model | | 2.0 L Non-TURBO | 2.0 L TURBO |
|---|-------------------------|---|--|
| Engine type | | Horizontally opposed, liquid cooled, 4-cylinder, 4-stroke gasoline engine | |
| Valve arrangement | | Overhead camshaft type | |
| Bore × Stroke | mm (in) | 92 × 75 (3.62 × 2.95) | |
| Displacement | cm ³ (cu in) | 1,994 (121.67) | |
| Compression ratio | | 10.0 | 8.0 |
| Firing order | | 1 — 3 — 2 — 4 | |
| Idle speed at Park/ Neutral position | rpm | 700±100 MT: 650±100*1 AT: 675±100*1 | 700±100 |
| Maximum output | kW (HP)/rpm | 92 (123)/5,600 | 130 (174)/5,600 |
| Maximum torque | N·m (kgf-m, ft-lb)/rpm | 184 (18.8, 136)/3,600 | 245 (25, 181)/3,200 240 (24.5, 177)/3,200*2 |

*1: Without OBD

*2: Australia spec. vehicle

C: ELECTRICAL SA08758G30

| Model | | 2.0 L Non-TURBO | 2.0 L TURBO |
|---------------------------------|----------------------------|---|--------------------------------------|
| Ignition timing at idling speed | BTDC/rpm | 10°±10°/700 MT: 10°±10°/650*1 AT: 10°±10°/675*1 | 12°±10°/700 |
| Spark plug | Type and manufacturer | CHAMPION: RC10YC4 (with catalyst) NGK: BKR6E (without catalyst) NGK: BKR5E-11 (with catalyst) | NGK: PFR6G |
| Generator | | 12 V — 75 A | |
| Battery | Type and capacity (5HR) | For Europe | 5MT: 12 V — 48AH 4AT: 12 V — 52AH |
| | | For Australia | 12 V — 40AH |
| | | Others | 12 V — 40AH |

*1: Without OBD

D: TRANSMISSION SA08758G31

| Model | | 2.0 L Non-TURBO | | 2.0 L TURBO | | |
|-----------------------------------|--------------------|-----------------|--------|-------------|------------------|--------|
| | | AWD | | | | |
| Transmission type | | 5MT*1 | 4AT*2 | 5MT*3 | 4AT*2 | |
| Clutch type | | DSPD | TCC | DSPD | TCC | |
| Gear ratio | 1st | 3.454 | 2.785 | 3.454 | 2.785 | |
| | 2nd | 2.062 | 1.545 | 1.947 | 1.545 | |
| | 3rd | 1.448 | 1.000 | 1.366 | 1.000 | |
| | 4th | 1.088 | 0.694 | 0.972 | 0.694 | |
| | 5th | 0.871 | — | 0.738 | — | |
| | Reverse | 3.333 | 2.272 | 3.333 | 2.272 | |
| Auxiliary transmission gear ratio | | High | 1.000 | — | — | |
| | | Low | 1.447 | — | — | |
| Reduction gear (Front drive) | 1st reduction | Type of gear | — | Helical | — | |
| | | Gear ratio | — | 1.000 | — | |
| | Final reduction | Type of gear | Hypoid | Hypoid | Hypoid | Hypoid |
| | | Gear ratio | 4.111 | 4.444 | 4.444 | 4.111 |
| Reduction gear (Rear drive) | Transfer reduction | Type of gear | Hypoid | — | Hypoid | |
| | | Gear ratio | 1.000 | — | 1.081*4, 1.000*5 | |
| | Final reduction | Type of gear | Hypoid | Hypoid | Hypoid | Hypoid |
| | | Gear ratio | 4.111 | 4.444 | 4.111*4, 4.444*5 | 4.111 |

5MT*1: 5 × 2 forward speeds with synchromesh and 1-reverse — with center differential and viscous coupling

4AT*2: Electronically controlled fully-automatic, 4-forward speeds and 1-reverse — with hydraulically controlled transfer clutch

5MT*3: 5-forward speeds with synchromesh and 1-reverse — with center differential and viscous coupling

DSPD: Dry Single Plate Diaphragm

TCC: Torque Converter Clutch

*4: For Europe

*5: Others

E: STEERING SA08758G32

| Model | | LHD | RHD |
|----------------------------------|--|---------------------------|-----|
| Type | | Rack and Pinion | |
| Turns, lock to lock | | 3.4 | 3.0 |
| Minimum turning circle m (ft) | | Curb to curb: 10.8 (35.4) | |

F: SUSPENSION SA08758G33

| | |
|-------|---|
| Front | MacPherson strut type, Independent, Coil spring |
| Rear | Dual link strut type, Independent, Coil spring |

FORESTER

Specifications

G: BRAKE SA08758G34

| | | |
|----------------------|---|------------|
| Model | Australia spec. vehicles and 2000 TURBO | Others |
| Service brake system | Dual circuit hydraulic with vacuum suspended power unit | |
| Front | Ventilated disc brake | |
| Rear | Disc brake | Drum brake |
| Parking brake | Mechanical on rear brakes | |

H: TIRE SA08758G35

| | | |
|-----------|-------------------------------|---------------------------------------|
| Rim size | 15 × 6J | 16 × 6 ¹ / ₂ JJ |
| Tire size | 205/70R15 | 215/60R16 |
| Type | Steel belted radial, Tubeless | |

I: CAPACITY SA08758G36

| Model | | 2.0 L Non-TURBO | | 2.0 L TURBO | |
|--------------------------------|-------------------------------|-----------------|----------------|-----------------|----------------|
| | | AWD | | AWD | |
| | | 5MT | 4AT | 5MT | 4AT |
| Fuel tank | ℓ (US gal, Imp gal) | 60 (15.9, 13.2) | | 60 (15.9, 13.2) | |
| Engine oil | Upper level ℓ (US qt, Imp qt) | 4.5 (4.8, 4.0) | | 5.0 (5.3, 4.4) | |
| | Lower level ℓ (US qt, Imp qt) | 3.5 (3.7, 3.1) | | 4.0 (4.2, 3.5) | |
| Transmission gear oil | ℓ (US qt, Imp qt) | 4.0 (4.2, 3.5) | — | 3.5 (3.7, 3.1) | — |
| Automatic transmission fluid | ℓ (US qt, Imp qt) | — | 8.4 (8.9, 7.4) | — | 9.3 (9.8, 8.2) |
| AT differential gear oil | ℓ (US qt, Imp qt) | — | 1.2 (1.3, 1.1) | — | 1.2 (1.3, 1.1) |
| AWD rear differential gear oil | ℓ (US qt, Imp qt) | 0.8 (0.8, 0.7) | | 0.8 (0.8, 0.7) | |
| Power steering fluid | ℓ (US qt, Imp qt) | 0.7 (0.7, 0.6) | | 0.7 (0.7, 0.6) | |
| Engine coolant | ℓ (US qt, Imp qt) | 6.4 (6.8, 5.6) | 6.3 (6.7, 5.5) | 7.2 (7.6, 6.3) | 7.2 (7.6, 6.3) |

J: WEIGHT SA08758G37

1. EXCEPT AUSTRALIA SPEC. VEHICLE SA08758G3706

| Model | | | 2.0 L Non-TURBO | | | |
|--|-------|---------|-----------------|---------------|---------------|---------------|
| | | | AWD | | | |
| | | | LHD | | RHD | |
| | | | 5MT | 4AT | 5MT | 4AT |
| Curb weight (CW) | Front | kg (lb) | 730 (1,610) | 745 (1,643) | 745 (1,643) | 760 (1,676) |
| | Rear | kg (lb) | 615 (1,356) | 615 (1,356) | 620 (1,367) | 620 (1,367) |
| | Total | kg (lb) | 1,345 (2,966) | 1,360 (2,999) | 1,365 (3,010) | 1,380 (3,043) |
| Maximum permissible axle weight (MPAW) | Front | kg (lb) | 920 (2,029) | 930 (2,051) | 920 (2,029) | 930 (2,051) |
| | Rear | kg (lb) | 990 (2,183) | 990 (2,183) | 990 (2,183) | 990 (2,183) |
| Maximum permissible weight (MPW) | Total | kg (lb) | 1,875 (4,134) | 1,890 (4,163) | 1,875 (4,134) | 1,890 (4,167) |

| Model | | | 2.0 L TURBO | | | |
|--|-------|---------|---------------|---------------|---------------|---------------|
| | | | AWD | | | |
| | | | LHD | | RHD | |
| | | | 5MT | 4AT | 5MT | 4AT |
| Curb weight (CW) | Front | kg (lb) | 795 (1,753) | 815 (1,797) | 790 (1,742) | 810 (1,786) |
| | Rear | kg (lb) | 635 (1,400) | 630 (1,389) | 630 (1,389) | 630 (1,389) |
| | Total | kg (lb) | 1,430 (3,153) | 1,445 (3,186) | 1,420 (3,131) | 1,440 (3,175) |
| Maximum permissible axle weight (MPAW) | Front | kg (lb) | 975 (2,150) | 995 (2,195) | 975 (2,150) | 995 (2,195) |
| | Rear | kg (lb) | 1,010 (2,225) | 1,010 (2,225) | 1,010 (2,225) | 1,010 (2,225) |
| Maximum permissible weight (MPW) | Total | kg (lb) | 1,950 (4,300) | 1,970 (4,344) | 1,950 (4,300) | 1,970 (4,344) |

NOTE:

When any of the following optional parts are installed, add the weight to the curb weight.

| Weight of optional parts | ABS (Turbo model) | ABS (Non-Turbo model) | Cruise control | Self-levelizer | Fog lamp | Air conditioner | Sunroof | SRS airbag (Driver & Passenger) | SRS airbag (Side) | Cold weather pack | Cold weather pack (Leather seat) |
|--------------------------|-------------------|-----------------------|----------------|----------------|-----------|-----------------|---------|---------------------------------|-------------------|-------------------|----------------------------------|
| Front kg (lb) | 10 (22) | 11 (24) | 2 (4) | -1 (-2) | 3.6 (7.9) | 17 (38) | 9 (20) | 3 (7) | 2 (4.4) | 2 (4) | 2.6 (5.7) |
| Rear kg (lb) | -1 (-2) | -1 (-2) | 0 (0) | 2 (4) | -1 (-2) | -3 (-7) | 14 (31) | 2 (4) | 2 (4.4) | -1 (-2) | 4.4 (9.7) |
| Total kg (lb) | 9 (20) | 10 (22) | 2 (4) | 1 (2) | 2.6 (5.7) | 14 (31) | 23 (51) | 5 (11) | 4 (8.8) | 1 (2) | 7.0 (15.4) |

FORESTER

Specifications

2. AUSTRALIA SPEC. VEHICLE SA08758G3704

| Model | | 2.0 L Non-TURBO | | 2.0 L TURBO | | |
|--------------------------|-------|-----------------|---------------|---------------|---------------|---------------|
| | | AWD | | AWD | | |
| | | RHD | | RHD | | |
| | | 5MT | 4AT | 5MT | 4AT | |
| Unladen mass (UM) | Front | kg (lb) | 740 (1,632) | 755 (1,665) | 810 (1,786) | 835 (1,841) |
| | Rear | kg (lb) | 625 (1,378) | 625 (1,378) | 630 (1,389) | 625 (1,378) |
| | Total | kg (lb) | 1,365 (3,010) | 1,380 (3,043) | 1,440 (3,175) | 1,460 (3,219) |
| Gross vehicle mass (GVM) | Front | kg (lb) | 885 (1,951) | 910 (2,007) | 960 (2,117) | 980 (2,161) |
| | Rear | kg (lb) | 990 (2,183) | 980 (2,161) | 990 (2,183) | 990 (2,183) |
| | Total | kg (lb) | 1,875 (4,134) | 1,890 (4,167) | 1,950 (4,300) | 1,970 (4,344) |

NOTE:

When any of the following optional parts are installed, add the weight to the unladen mass.

| Weight of optional parts | ABS | Cruise control | Self-levelizer | Fog lamp | Air conditioner | Sunroof | SRS airbag (Driver & Passenger) | SRS airbag (Side) | Cold weather pack |
|--------------------------|---------|----------------|----------------|-----------|-----------------|---------|---------------------------------|-------------------|-------------------|
| Front kg (lb) | 10 (22) | 2 (4) | -1 (-2) | 3.6 (7.9) | 17 (38) | 9 (20) | 3 (7) | 2 (4.4) | 2.6 (5.7) |
| Rear kg (lb) | -1 (-2) | 0 (0) | 2 (4) | -1 (-2) | -3 (-7) | 14 (31) | 2 (4) | 2 (4.4) | 4.4 (9.7) |
| Total kg (lb) | 9 (20) | 2 (4) | 1 (2) | 2.6 (5.7) | 14 (31) | 23 (51) | 5 (11) | 4 (8.8) | 7.0 (15.4) |

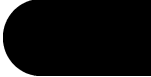
IDENTIFICATION

ID



1. Identification2

Page



IDENTIFICATION

Identification

1. Identification SA06679

A: IDENTIFICATION SA06679F70

2. MEANING OF V.I.N. SA06679F7002

The meaning of the VIN is as follows:

- **Europe, Australia and General (Except GCC)**

]JF1SF5LJ32G002001[

The starting and ending brackets (] [) are stop marks.

| Digits | Code | Meaning | Details |
|----------|--------|------------------------|--|
| 1 to 3 | JF1 | Manufacturer body area | JF1: Passenger car, FHI made JF2: MPV, FHI made |
| 4 | S | Car line | Forester |
| 5 | F | Body type | F: Wagon |
| 6 | 5 | Displacement | 5: 2.0 L AWD |
| 7 | L | Steering position | K: RHD (Right-hand drive) L: LHD (Left-hand drive) |
| 8 | J | Engine & transmission | J: SOHC MPI Full-time AWD 5-speed MT R: SOHC MPI 4-speed AT D: DOHC Turbo Full-time AWD 5-speed MT P: DOHC Turbo 4-speed AT |
| 9 | 3 | Drive type | 3: Full-time AWD 5-speed MT single range 4: Full-time AWD 5-speed MT dual range 5: Full-time AWD 4-speed AT |
| 10 | 2 | Model year | 2: 2002MY 3: 2003MY |
| 11 | G | Factory location | G: FHI (Gunma) |
| 12 to 17 | 002001 | Serial number | |

- **GCC countries (Saudi Arabia, etc.)**

]JF1SF53MX2J002001[

The starting and ending brackets (] [) are stop marks.

| Digits | Code | Meaning | Details |
|----------|--------|------------------------|---|
| 1 to 3 | JF1 | Manufacturer body area | JF1: Passenger car, FHI made |
| 4 | S | Car line | Forester |
| 5 | F | Body type | E: Wagon |
| 6 | 5 | Displacement | 5: 2.0 L AWD |
| 7 | 3 | Grade | 3: BASE 5: NA SPRT |
| 8 | M | Restraint | M: Manual belts, dual airbag |
| 9 | X | Check digit | |
| 10 | 2 | Model year | 2: 2002MY 3: 2003MY |
| 11 | J | Transmission type | H: Full-time AWD 4-speed AT J: Full-time AWD 5-speed MT dual range |
| 12 to 17 | 002001 | Serial number | |

3. MODEL NUMBER PLATE SA06679F7003

The model number plate indicates: the applied model, the option code, the trim code, the engine type, the transmission type, and the exterior color code. This information is helpful when placing orders for parts.
SF5EL7R

| Digits | Code | Meaning | Details |
|--------|------|--|--|
| 1 | S | Series | Forester |
| 2 | F | Body style | F: Wagon |
| 3 | 5 | Engine displacement Drive system Suspension system | 5: 2.0 L AWD |
| 4 | E | Minor change | 2002MY |
| 5 | L | Destination | K: Right-hand drive for general market L: Left-hand drive for general market |
| 6 | 7 | Grade | 2: BASE 3: HUNTER Ver. 4: NA SPORT 5: TYPE-S |
| 7 | R | Transmission, fuel feed system | P: DOHC MPI Turbo 4-speed AT D: DOHC MPI Turbo center differential MT J: SOHC MPI center differential MT R: SOHC MPI 4-speed AT |

The engine and transmission type are as follows:

● Engine

EJ202NXVBB

| Digits | Code | Meaning | Details |
|---------|------|-------------------------|---|
| 1 and 2 | EJ | Engine type | EJ: 4 cylinders |
| 3 and 4 | 20 | Displacement | 20: 2.0 L |
| 5 | 2 | Fuel feed system | 1: D-MPI SOHC-A 2: D-MPI SOHC-B 4: MPI DOHC 5: MPI Turbo |
| 6 | N | Detailed specifications | Used when ordering parts. See the parts catalog for details. |
| 7 | X | Transmission | W: AWD MT X: AWD AT |
| 8 | V | Minor change | V: Current model |
| 9 to 10 | BB | Detailed specifications | Used when ordering parts. See the parts catalog for details. |

IDENTIFICATION

Identification

● Transmission

TZ1A3ZN3AA

| Digits | Code | Meaning | Details |
|---------|------|-----------------------------|--|
| 1 | T | Transmission | T: Transmission |
| 2 | Z | Transmission type | Y: Full-time AWD MT center differential Z: Full-time AWD AT MPT |
| 3 and 4 | 1A | Classification | 75: MT 1A: New AT |
| 5 | 3 | Series | 3: AT 5: MT |
| 6 | Z | Transmission specifications | V: Full-time AWD 5-speed MT with viscous coupling center differential single range X: Full-time AWD 5-speed MT with viscous coupling center differential dual range Z: Full-time AWD 4-speed AT with MPT |
| 7 to 10 | N3AA | Detailed specifications | Used when ordering parts. See the parts catalog for details. |

● Rear differential 1

VA1RFF

| Digits | Code | Meaning | Details |
|--------|------|---------------------------|----------------------------|
| 1 | V | For AWD | V: AWD |
| 2 | A | Type | A: A type |
| 3 | 1 | Hypoid gear diameter | 1: 152 dia. 2: 160 dia. |
| 4 | R | Installation position | R: Rear |
| 5 | F | Reduction gear ratio | F: 4.444 |
| 6 | F | Specification differences | F: Case A |

● Rear differential 2

T1

| Code | Reduction gear ratio | LSD |
|------|----------------------|-------------------|
| T1 | 3.900 | No |
| T2 | 4.111 | No |
| TP | 4.444 | No |
| BK | 4.111 | No |
| BP | 4.111 | Strengthened type |
| BL | 4.444 | Strengthened type |
| VB | 3.700 | No |

● Option code

ECPS

| Digits | Code | Meaning | Details |
|--------|------|-------------------------|--|
| 1 to 2 | EC | Destination | EC: EC KO: KO K4: K4 KS: KS EK: EK KA: KA K1: K1 |
| 3 to 4 | PS | Main options on vehicle | – |

FUEL INJECTION (FUEL SYSTEMS)

FU(SOHC)

Page

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| 1. | General Description | |
| 2. | Throttle Body | |
| 3. | Intake Manifold | |
| 4. | Engine Coolant Temperature Sensor | |
| 5. | Crankshaft Position Sensor | |
| 6. | Camshaft Position Sensor | |
| 7. | Knock Sensor | |
| 8. | Throttle Position Sensor | |
| 9. | Intake Air Temperature and Pressure Sensor | |
| 10. | Atmospheric Pressure Sensor | 2 |
| 11. | Idle Air Control Solenoid Valve | |
| 12. | Air Assist Injector Solenoid Valve | |
| 13. | Fuel Injector | |
| 14. | Front Oxygen (A/F) Sensor | |
| 15. | Rear Oxygen Sensor | |
| 16. | Engine Control Module | |
| 17. | Main Relay | |
| 18. | Fuel Pump Relay | |
| 19. | Fuel | |
| 20. | Fuel Tank | |
| 21. | Fuel Filler Pipe | |
| 22. | Fuel Pump | |
| 23. | Fuel Level Sensor | |
| 24. | Fuel Sub Level Sensor | |
| 25. | Fuel Filter | |
| 26. | Fuel Cut Valve | |
| 27. | Fuel Damper Valve | |
| 28. | Fuel Delivery, Return and Evaporation Lines | |
| 29. | Fuel System Trouble in General | |

ATMOSPHERIC PRESSURE SENSOR

Fuel Injection (Fuel Systems)

10. Atmospheric Pressure Sensor

S155045

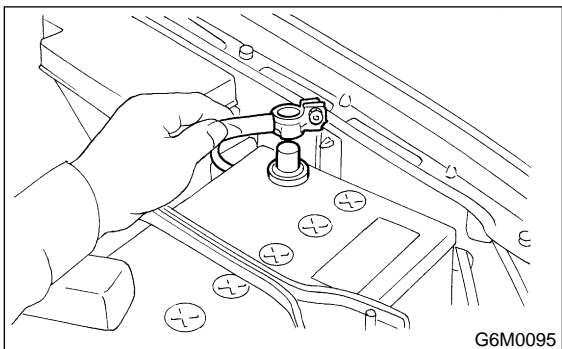
A: REMOVAL

S155045A18

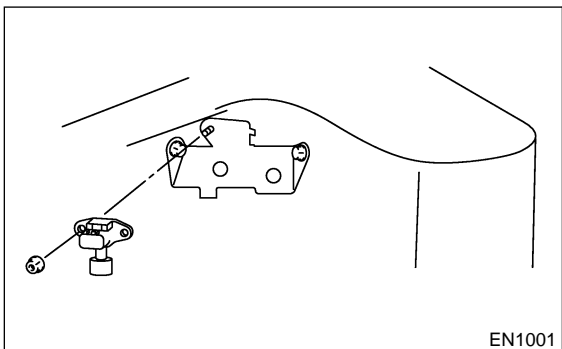
NOTE:

Not applicable to vehicles with option code "KS".
<Ref. to ID-3, MODEL NUMBER PLATE, IDENTIFICATION, Identification.>

- 1) Disconnect battery ground cable.



- 2) Disconnect connector from atmospheric pressure sensor.
- 3) Remove atmospheric pressure sensor from bracket.



B: INSTALLATION

S155045A11

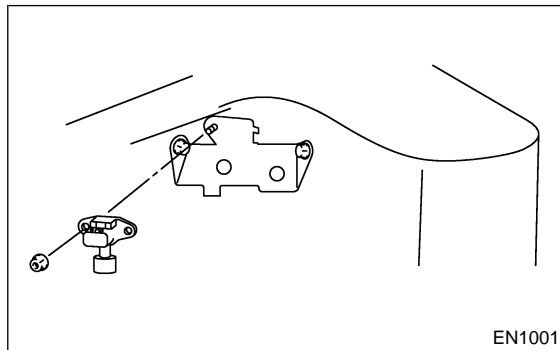
NOTE:

Not applicable to vehicles with option code "KS".
<Ref. to ID-3, MODEL NUMBER PLATE, IDENTIFICATION, Identification.>

Install in the reverse order of removal.

Tightening torque:

6.4 N·m (0.65 kgf·m, 4.7 ft·lb)



AUTOMATIC TRANSMISSION

AT

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| 3. Differential Gear Oil | |
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| 6. Time Lag Test | |
| 7. Line Pressure Test | |
| 8. Transfer Clutch Pressure Test | |
| 9. Automatic Transmission Assembly | |
| 10. Transmission Mounting System | |
| 11. Extension Case Oil Seal | |
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| 13. Front Vehicle Speed Sensor | |
| 14. Rear Vehicle Speed Sensor | |
| 15. Torque Converter Turbine Speed Sensor | |
| 16. Control Valve Body | |
| 17. Shift Solenoids, Duty Solenoids and ATF Temperature Sensor | |
| 18. ATF Filter | |
| 19. Transmission Control Module (TCM) | |
| 20. ATF Cooler Pipe and Hose | |

GENERAL DESCRIPTION

Automatic Transmission

1. General Description S502001

A: SPECIFICATIONS S502001E49

1. TORQUE CONVERTER CLUTCH S502001E4901

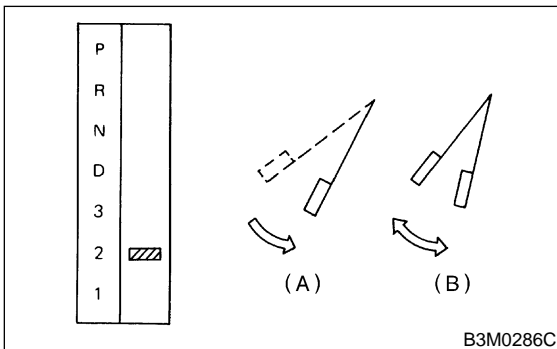
| Model | Non-turbo model | Turbo model |
|----------------------------|--|-------------------|
| Type | Symmetric, 3 element, single stage, 2 phase torque converter | |
| Stall torque ratio | 2.0 — 2.2 | 2.1 — 2.3 |
| Nominal diameter | 236 mm (9.29 in) | 246 mm (9.69 in) |
| Stall speed (at sea level) | 2,000 — 2,500 rpm | 2,350 — 3,150 rpm |
| One-way clutch | Sprague type one-way clutch | |

5. Stall Test SS02246

A: INSPECTION SS02246A10

2. TEST METHODS SS02246A1002

- 1) Preparations before test:
 - (1) Check that throttle valve opens fully.
 - (2) Check that engine oil level is correct.
 - (3) Check that coolant level is correct.
 - (4) Check that ATF level is correct.
 - (5) Check that differential gear oil level is correct.
 - (6) Increase ATF temperature to 50 to 80°C (122 to 176°F) by idling the engine for approximately 30 minutes (with select lever set to "N" or "P").
- 2) Install an engine tachometer at a location visible from the driver's compartment and mark the stall speed range on the tachometer scale.
- 3) Place the wheel chocks at the front and rear of all wheels and engage the parking brake.
- 4) Move the manual linkage to ensure it operates properly, and shift the select lever to the 2 range.
- 5) While forcibly depressing the foot brake pedal, gradually depress the accelerator pedal until the engine operates at full throttle.



- (A) Brake pedal
 (B) Accelerator pedal

- 6) When the engine speed is stabilized, read that speed quickly and release the accelerator pedal.
- 7) Shift the select lever to Neutral, and cool down the engine by idling it for more than one minute.
- 8) Record the stall speed.
- 9) If stall speed in 2 range is higher than specifications, low clutch slipping and 2-4 brake slipping may occur. To identify it, conduct the same test as above in D range.
- 10) Perform the stall tests with the select lever in the R range.

NOTE:

- Do not continue the stall test for MORE THAN FIVE SECONDS at a time (from closed throttle, fully open throttle to stall speed reading). Failure to follow this instruction causes the engine oil and

ATF to deteriorate and the clutch and brake to be adversely affected.

Be sure to cool down the engine for at least one minute after each stall test with the select lever set in the P or N range and with the idle speed lower than 1,200 rpm.

- If the stall speed is higher than the specified range, attempt to finish the stall test in as short a time as possible, in order to prevent the automatic transmission from sustaining damage.

Stall speed (at sea level):

Non-turbo model: 2,000 — 2,500 rpm

Turbo model: 2,350 — 3,150 rpm

STALL TEST

Automatic Transmission

MEMO:

WIPER AND WASHER SYSTEMS

WW

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| 1. General Description | |
| 2. Wiper and Washer System | 2 |
| 3. Combination Switch (Wiper)..... | 3 |
| 4. Wiper Blade | |
| 5. Washer Tank and Motor | |
| 6. Front Wiper Arm | |
| 7. Front Wiper Motor and Link | |
| 8. Front Washer | |
| 9. Rear Wiper Arm | |
| 10. Rear Wiper Motor | |
| 11. Rear Washer | |
| 12. Wiper Control Relay | |
| 13. Headlight Washer | |

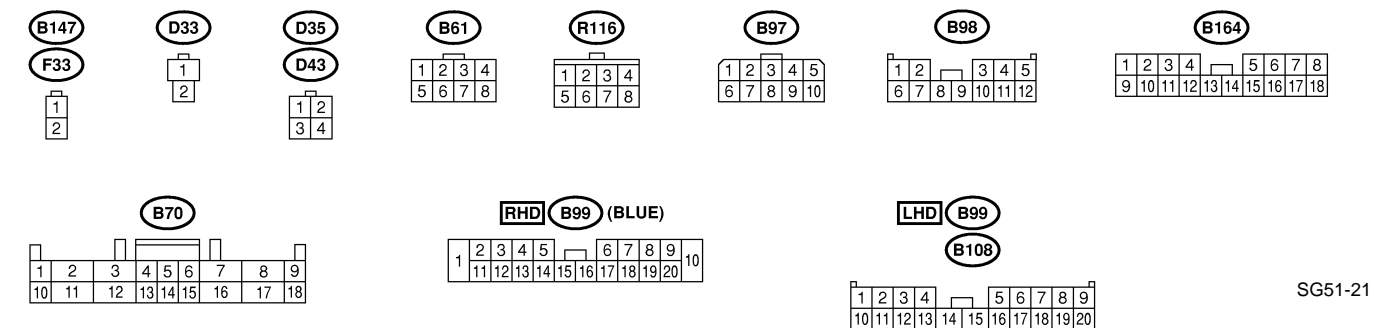
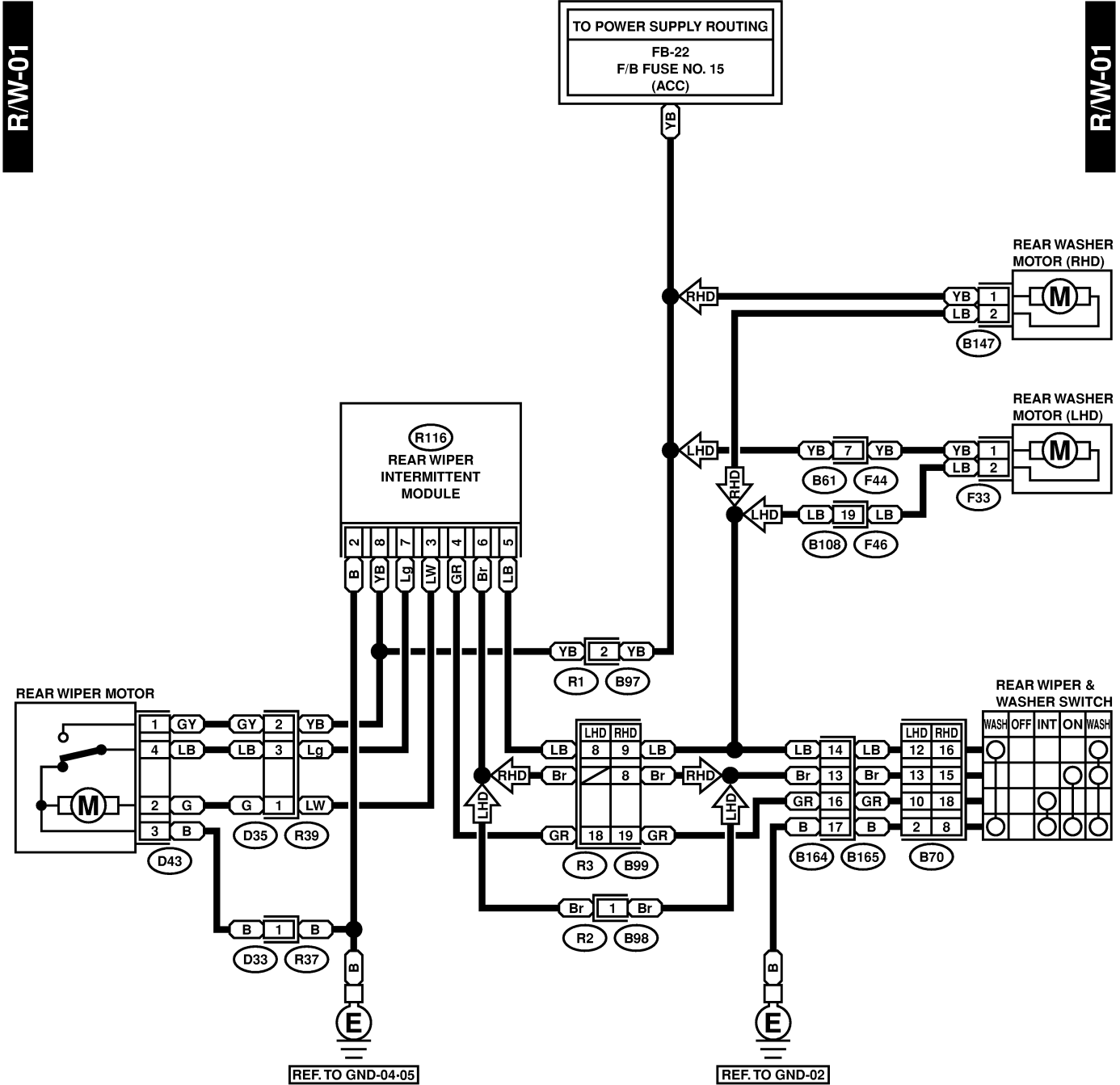
WIPER AND WASHER SYSTEM

Wiper and Washer Systems

2. Wiper and Washer System S902394

A: SCHEMATIC S902394A21

2. WIPER AND WASHER (REAR) S902394A2102



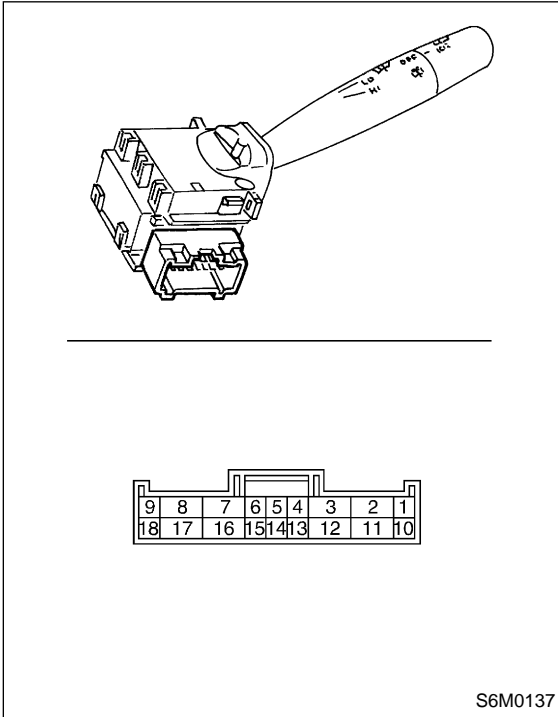
3. Combination Switch (Wiper)

S902395

C: INSPECTION

S902395A10

- Inspect the continuity between each connector terminal.



LHD model:

| | Switch position | Test connection | Specified condition |
|-------|-----------------|-----------------|---------------------|
| FRONT | OFF | 7 — 16 | Continuity |
| | INT | 7 — 16 | Continuity |
| | LO | 7 — 17 | Continuity |
| | HI | 8 — 17 | Continuity |
| | Washer ON | 2 — 11 | Continuity |
| REAR | Washer ON | 2 — 10 — 12 | Continuity |
| | OFF | — | No continuity |
| | INT | 2 — 13 | Continuity |
| | ON | 2 — 10 | Continuity |
| | Washer ON | 2 — 10 — 12 | Continuity |

If continuity is not as specified, replace the switch.

RHD model:

| | Switch position | Test connection | Specified condition |
|-------|-----------------|-----------------|---------------------|
| FRONT | OFF | 3 — 12 | Continuity |
| | INT | 3 — 12 | Continuity |
| | LO | 3 — 11 | Continuity |
| | HI | 2 — 11 | Continuity |
| | Washer ON | 8 — 17 | Continuity |
| REAR | Washer ON | 8 — 16 — 18 | Continuity |
| | OFF | — | No continuity |
| | INT | 8 — 15 | Continuity |
| | ON | 8 — 18 | Continuity |
| | Washer ON | 8 — 16 — 18 | Continuity |

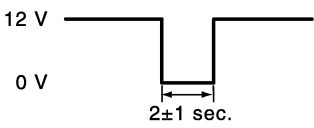
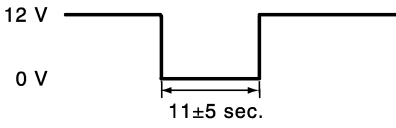
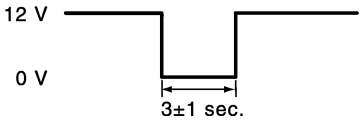
If continuity is not as specified, replace the switch.

COMBINATION SWITCH (WIPER)

Wiper and Washer Systems

- Intermittent operation inspection

- 1) Turn the wiper switch to INT.
- 2) Adjust the intermittent control switch to MAX.
- 3) Apply battery voltage to switch terminals 16 and 2, and inspect the voltage of terminals 7 and 2. (Measure the voltage from after the second time the wiper stops.)

| Switch position | Voltage |
|-------------------|--|
| MIN. |  |
| MAX. |  |
| Non-variable type |  |

B6M1465B

If operation is not as specified, replace the switch.

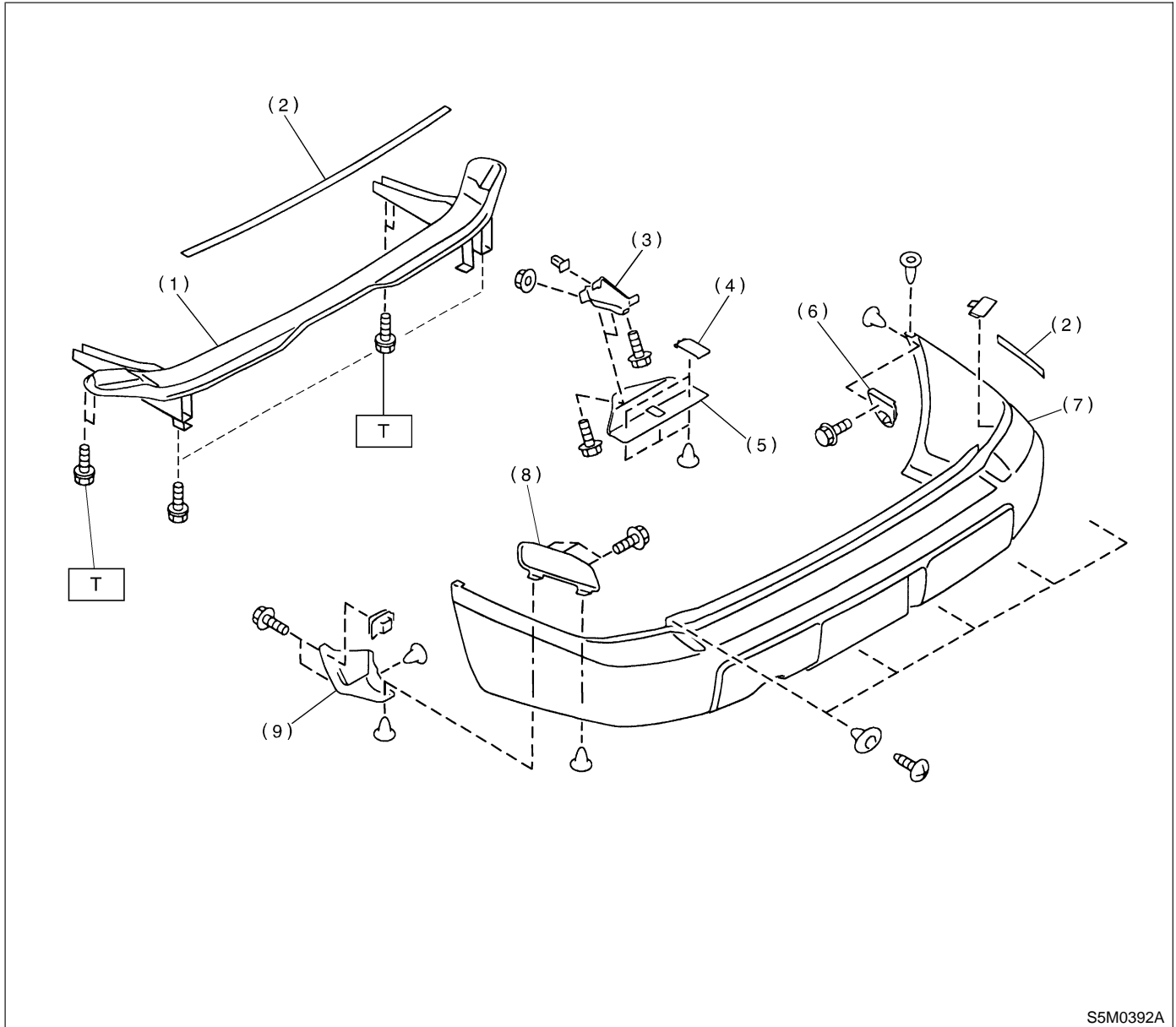
EXTERIOR/INTERIOR TRIM



| | Page |
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| 1. General Description..... | 2 |
| 2. Front Grille | |
| 3. Front Under Cover | |
| 4. Front Bumper | |
| 5. Rear Bumper..... | 4 |
| 6. Mud Guard | |
| 7. Protector | |
| 8. Cowl Panel | |
| 9. Front Door Trim | |
| 10. Rear Door Trim | |
| 11. Glove Box | |
| 12. Roof Rail | |
| 13. Console Box | |
| 14. Instrument Panel Assembly | |
| 15. Upper Inner Trim | |
| 16. Lower Inner Trim | |
| 17. Rear Quarter Trim | |
| 18. Sun Visor | |
| 19. Roof Trim | |
| 20. Rear Gate Trim | |
| 21. Floor Mat | |
| 22. Luggage Floor Mat | |

GENERAL DESCRIPTION

- Vehicle with option code "KS" ☆



S5M0392A

- | | |
|--------------------------|------------------------|
| (1) Bumper beam | (5) Lower bracket |
| (2) Cushion | (6) Side upper bracket |
| (3) Lower center bracket | (7) Bumper face |
| (4) Rear bumper plate | (8) Bumper side plate |
| | (9) |

Tightening torque: N·m (kgf·m, ft·lb)

T: 93 (9.5, 69)

☆: For option code, refer to ID section. <Ref. to ID-3, MODEL NUMBER PLATE, IDENTIFICATION, Identification.>

REAR BUMPER

Exterior/Interior Trim

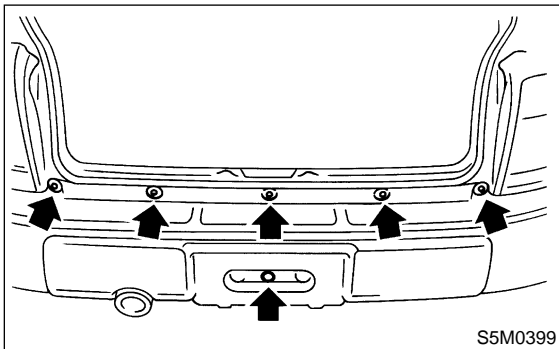
5. Rear Bumper S911370

A: REMOVAL S911370A18

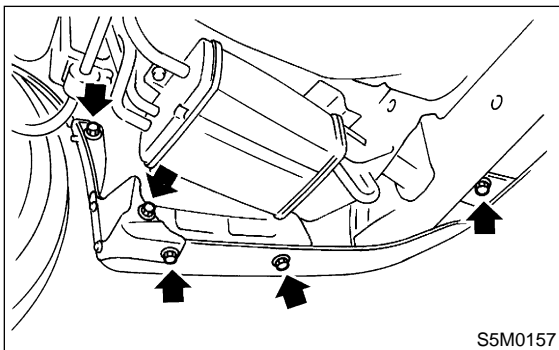
CAUTION:

- Handle bumper carefully to avoid damage to bumper face.
- Do not damage body during removal or installation of bumper.
- To avoid damage to bumper, lay removed bumper on sheet spread on the floor. Do not lay it directly on the floor.

- 1) Disconnect the ground cable from the battery.
- 2) Open rear gate.
- 3) Remove the five screws and the clip from the rear bumper.

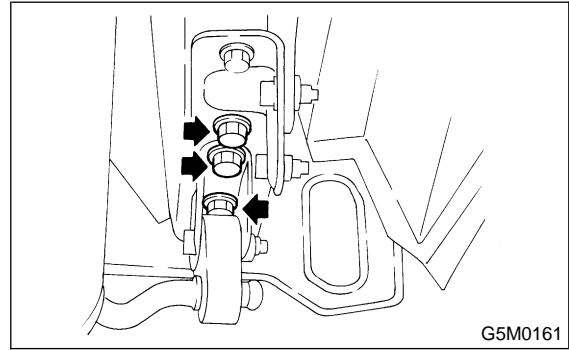


- 4) Disconnect license plate light and rear fog light (if equipped) connectors.
- 5) Remove bolts and clips from under side of bumper.



- 6) Remove bumper face and E/A foam.
- 7) Remove the canister. (with OBD model) <Ref. to EC(DOHC TURBO)-6, REMOVAL, Canister.> and <Ref. to EC(SOHC)-7, REMOVAL, Canister.>

- 8) Remove bolts from bumper stay.



- 9) Remove rear bumper beam.

WIRING SYSTEM



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| 1. | Basic Diagnostics Procedure | |
| 2. | Working Precautions | |
| 3. | Power Supply Routing | |
| 4. | Ground Distribution | |
| 5. | Airbag System | |
| 6. | Air Conditioning System | |
| 7. | Anti-lock Brake System | |
| 8. | A/T Control System | |
| 9. | Audio System | |
| 10. | Back-up Light System | |
| 11. | Charging System | |
| 12. | Clearance Light and Illumination Light System | |
| 13. | Combination Meter | |
| 14. | Cruise Control System | |
| 15. | Door Lock System | |
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| 17. | Front Accessory Power Supply System | |
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| 19. | Fuel Gauge System | |
| 20. | Full-Time Dual-Range System | |
| 21. | Headlight Beam Leveler System | |
| 22. | Headlight System | |
| 23. | Headlight Washer System | |
| 24. | Horn System | |
| 25. | Immobilizer System | |
| 26. | In Compartment Light System | |
| 27. | Keyless Entry System | |
| 28. | Oil Pressure and Temperature Gauge System | |
| 29. | Outside Temperature Display System | |
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| 32. | Radiator Fan System | |
| 33. | Rear Accessory Power Supply System | |
| 34. | Rear Differential Oil Temperature Warning System | |
| 35. | Rear Fog Light System | |
| 36. | Rear Window Defogger System | |
| 37. | Remote Controlled Rearview Mirror System | |
| 38. | Seat Belt Warning System | |
| 39. | Seat Heater System | |
| 40. | Starter System | |
| 41. | Stop Light System | |
| 42. | Sunroof System | |
| 43. | Turn Signal Light and Hazard Light System | |
| 44. | Wiper and Washer System (Front) | |

REAR BUMPER

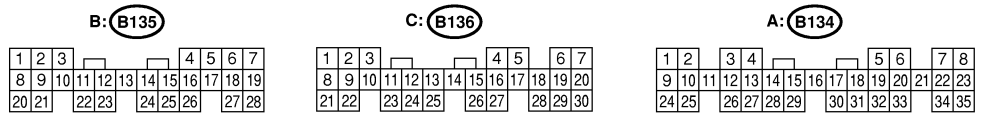
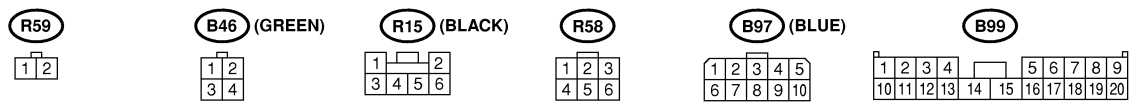
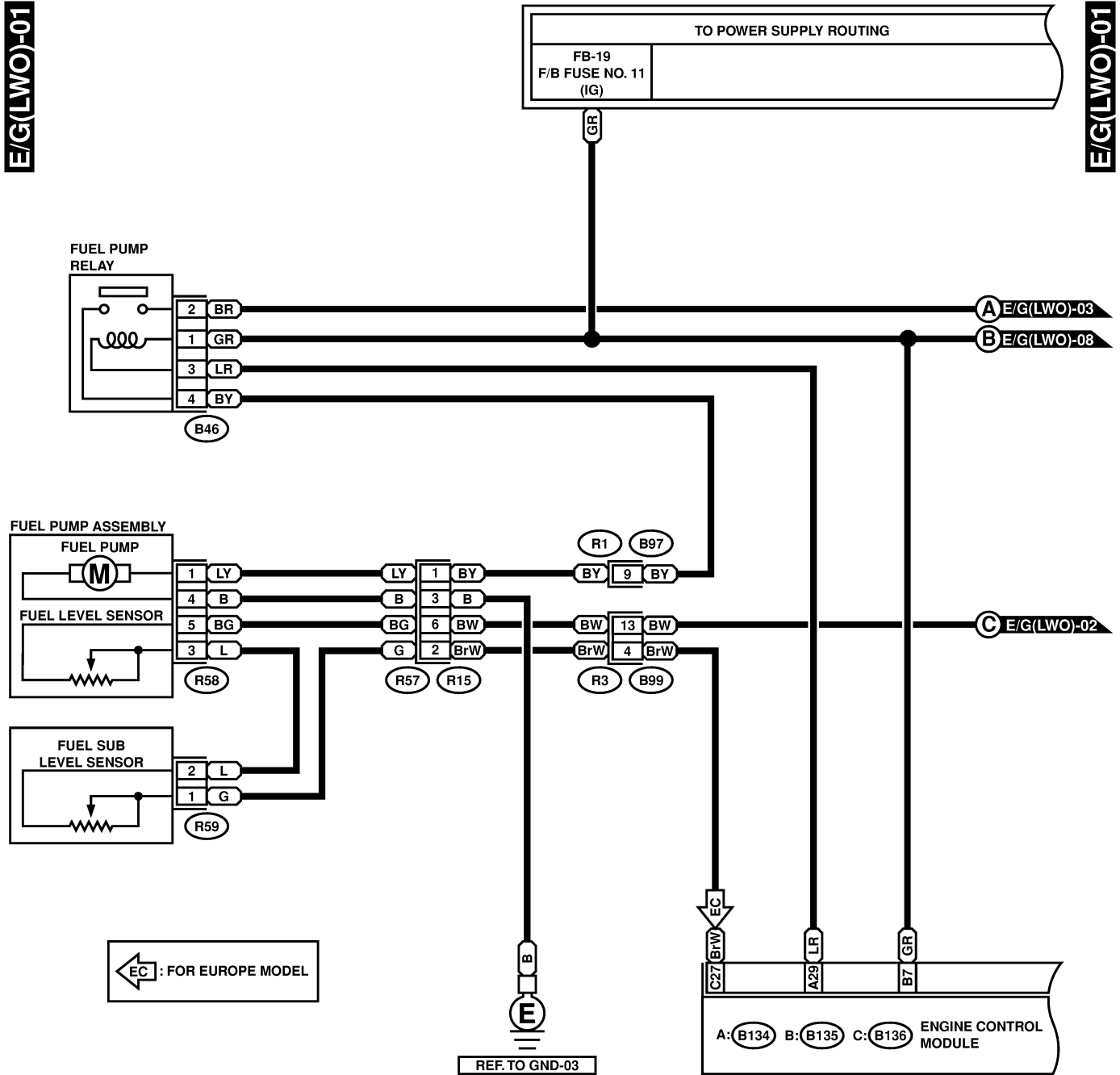
Wiring System

| | | |
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| 47. | Overall Systems | |
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| 52. | Instrument Panel Wiring Harness | |
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| 55. | Rear Gate Cord | |

16. Engine Electrical System S903482

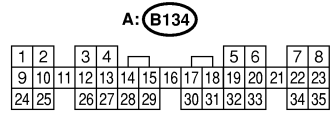
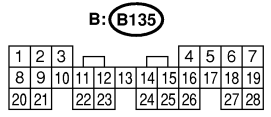
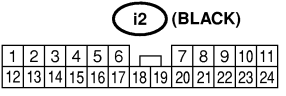
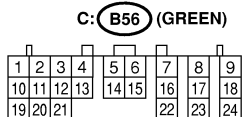
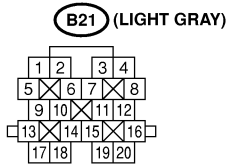
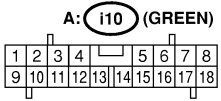
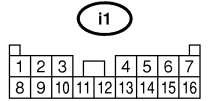
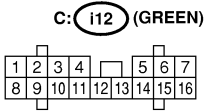
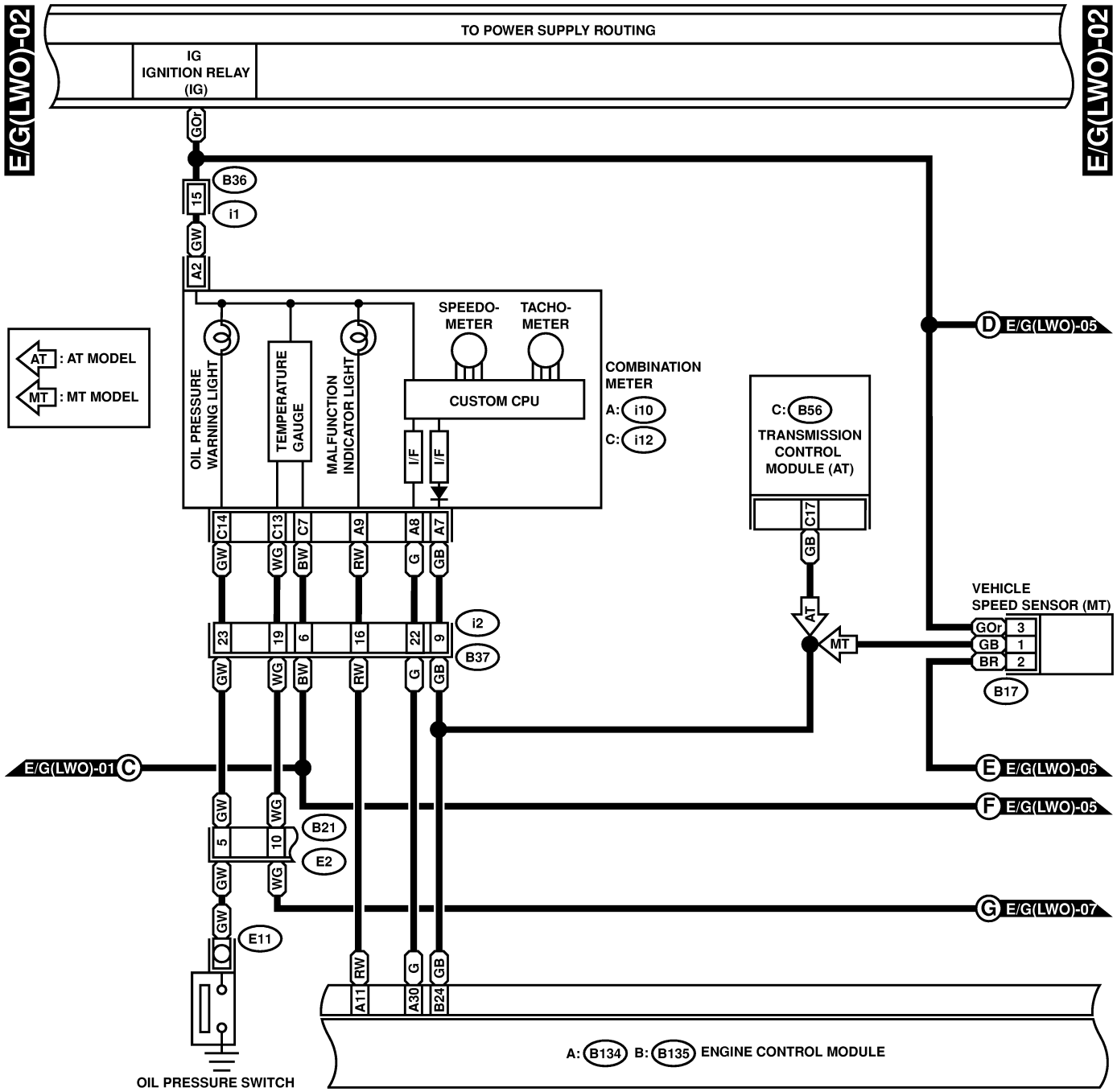
A: SCHEMATIC S903482A21

1. LHD SOHC MODEL S903482A2121



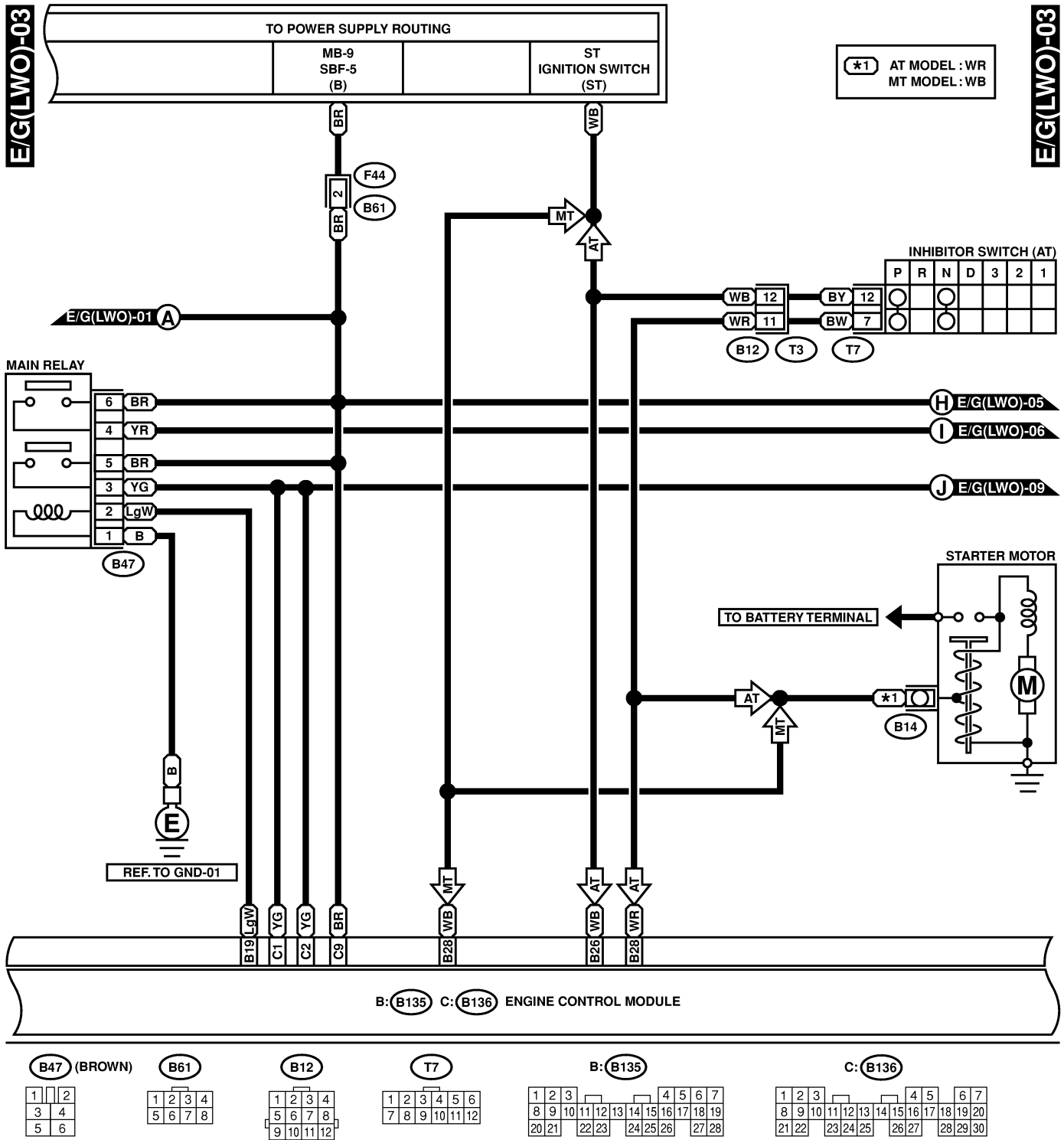
ENGINE ELECTRICAL SYSTEM

Wiring System



ENGINE ELECTRICAL SYSTEM

Wiring System

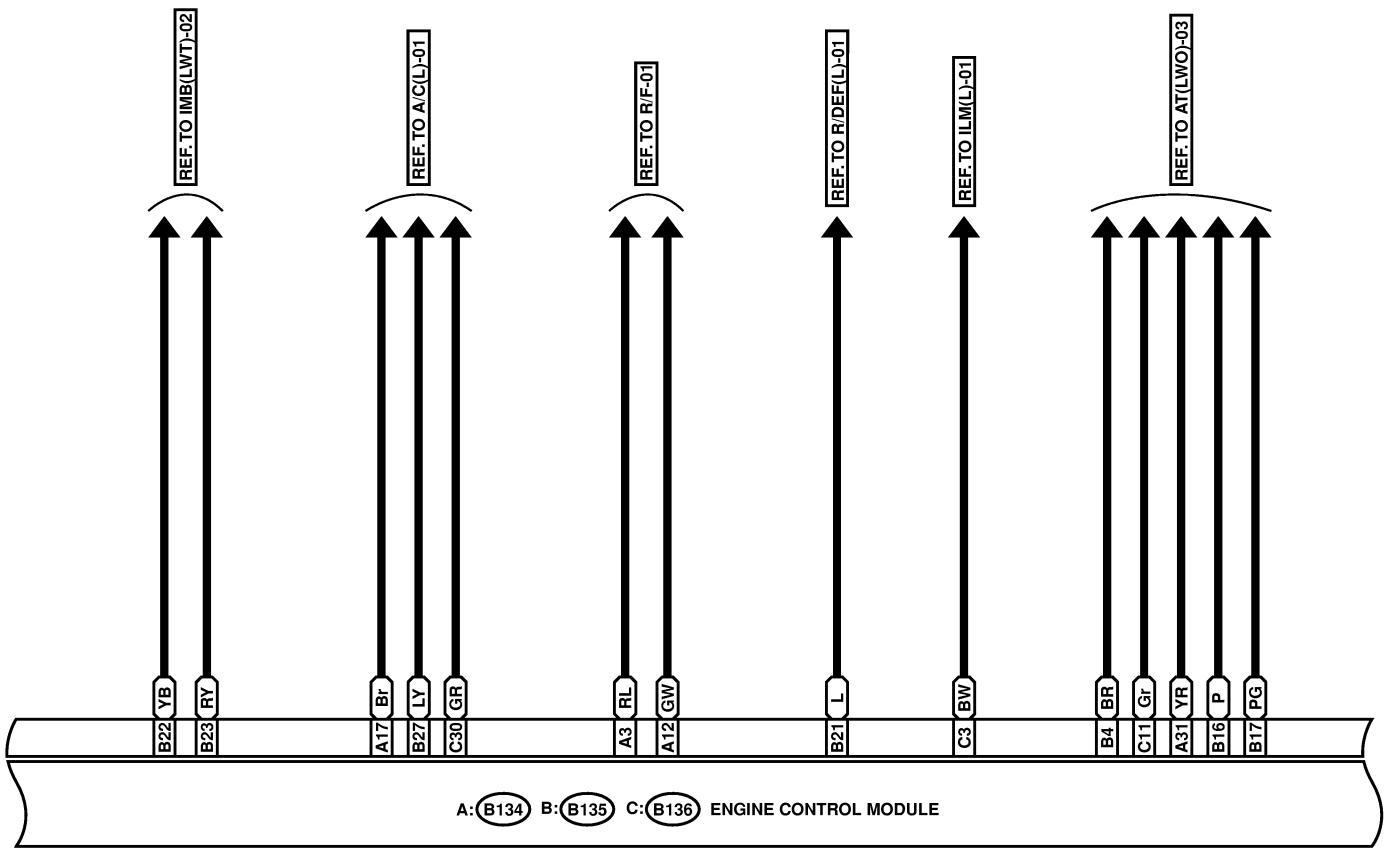


ENGINE ELECTRICAL SYSTEM

Wiring System

E/G(LWO)-04

E/G(LWO)-04



B: **B135**

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

C: **B136**

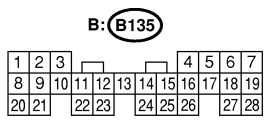
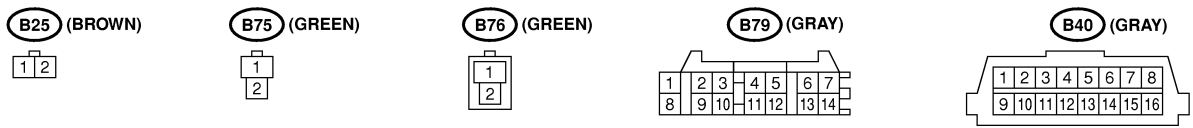
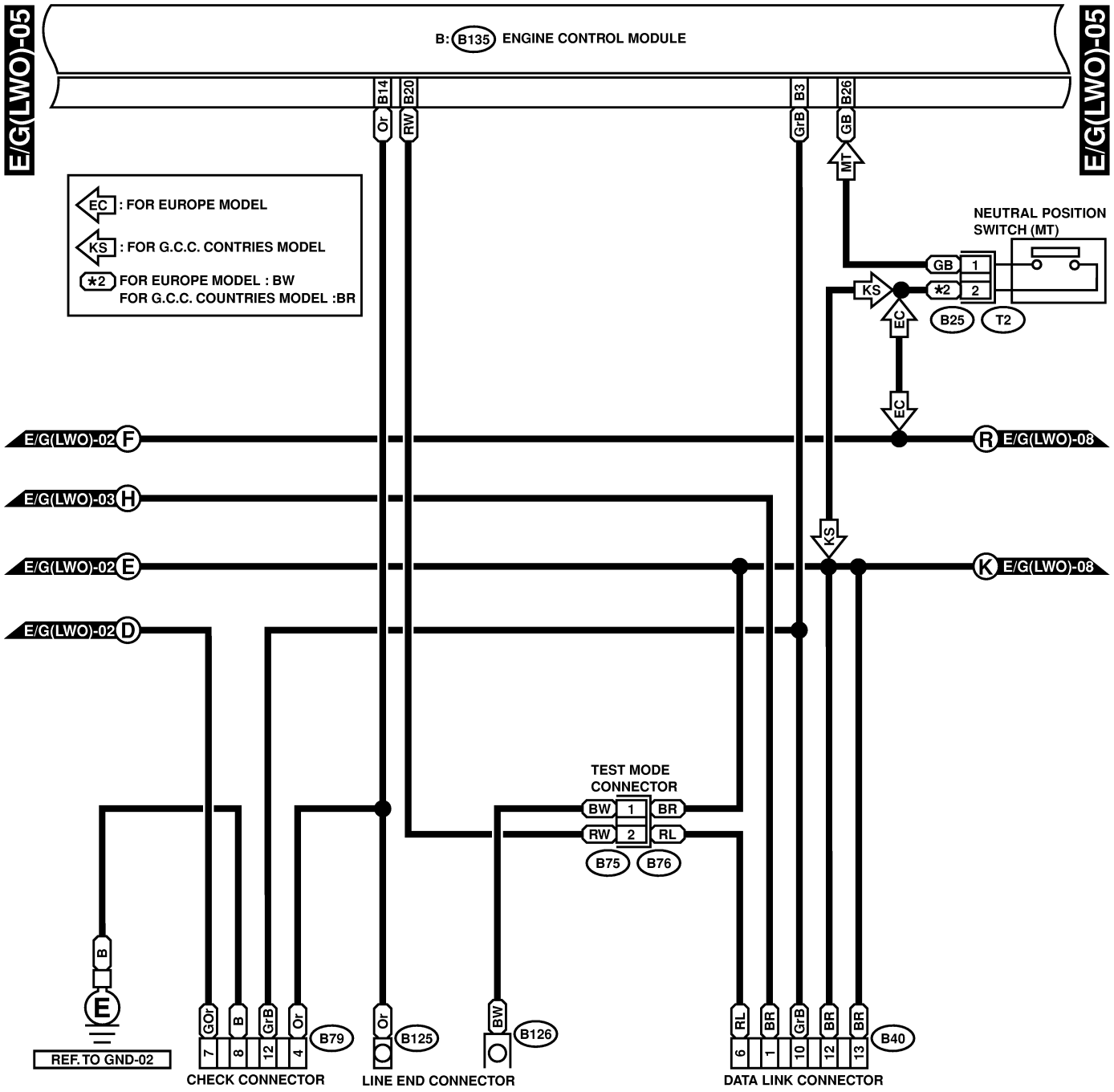
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| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | | |

A: **B134**

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

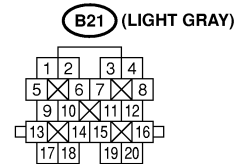
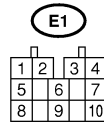
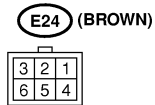
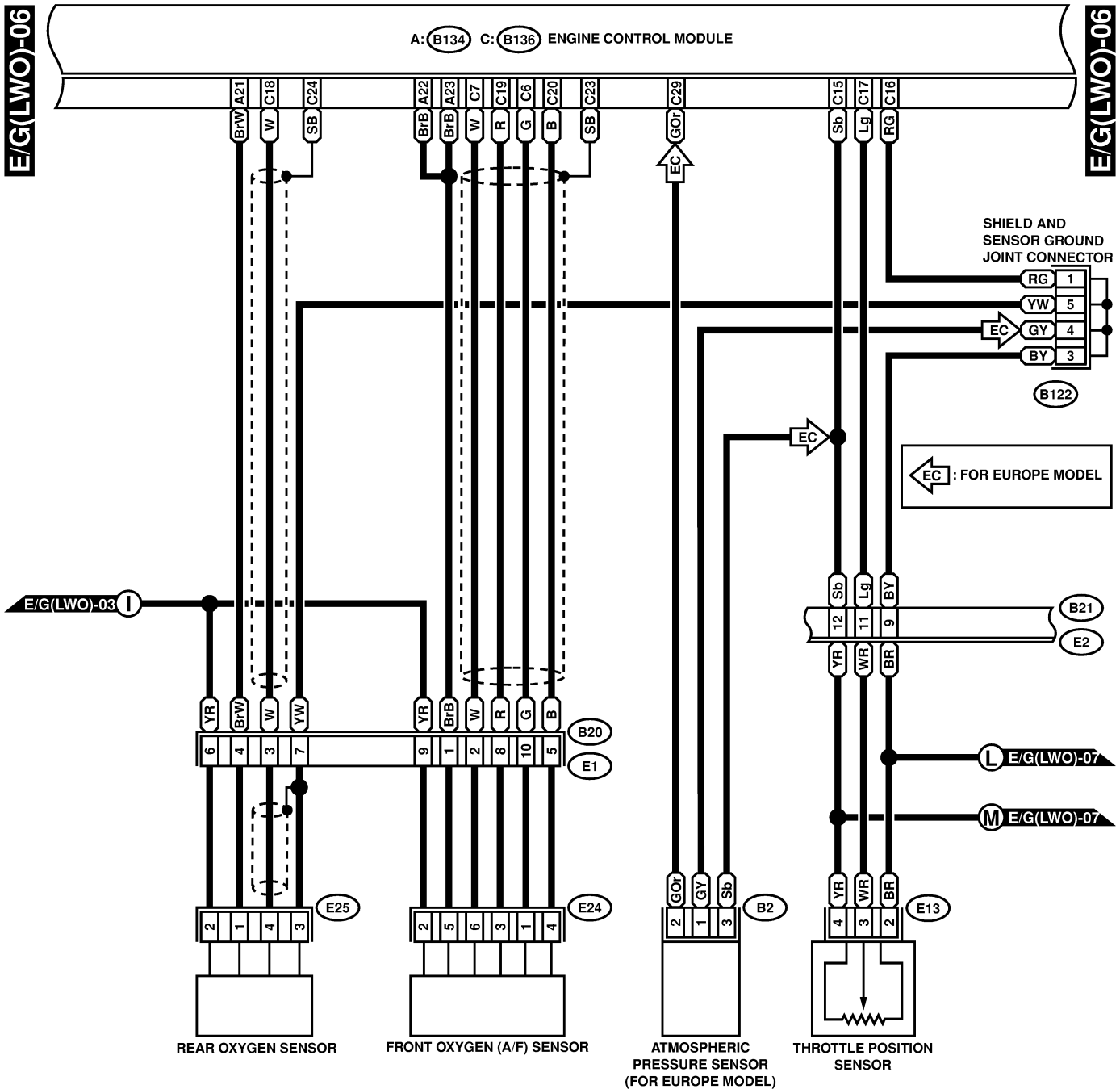
ENGINE ELECTRICAL SYSTEM

Wiring System



ENGINE ELECTRICAL SYSTEM

Wiring System



C: (B136)

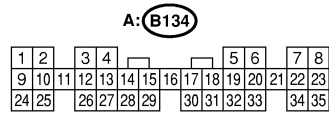
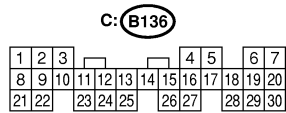
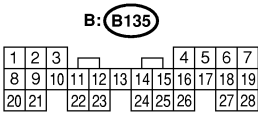
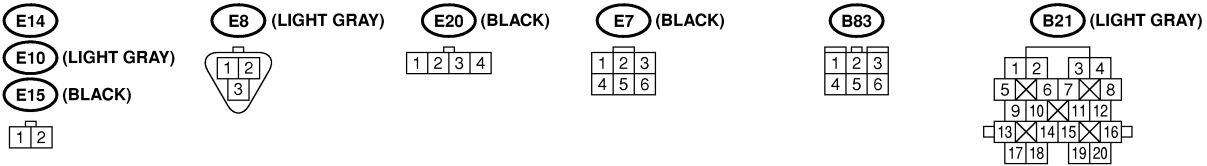
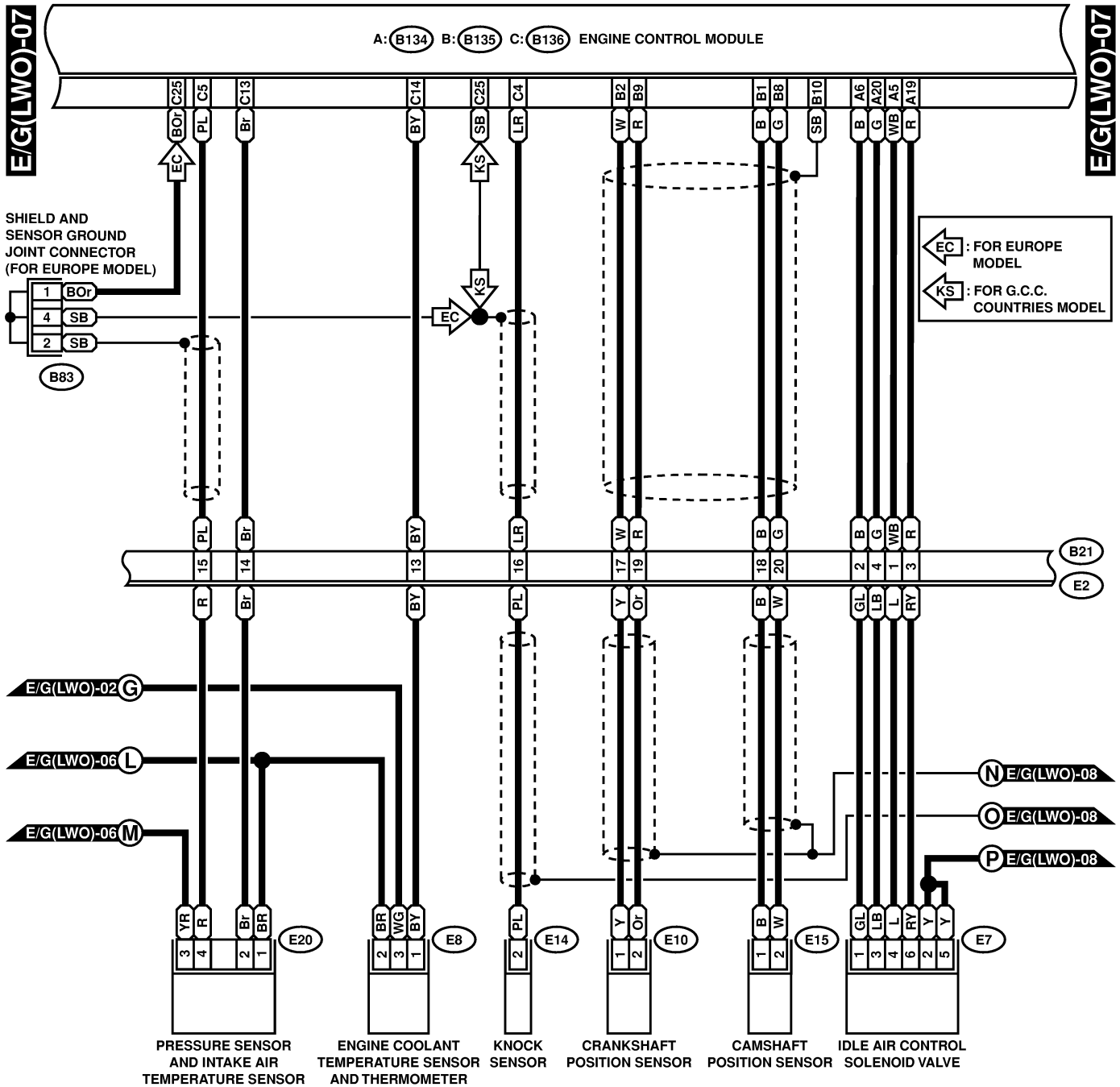


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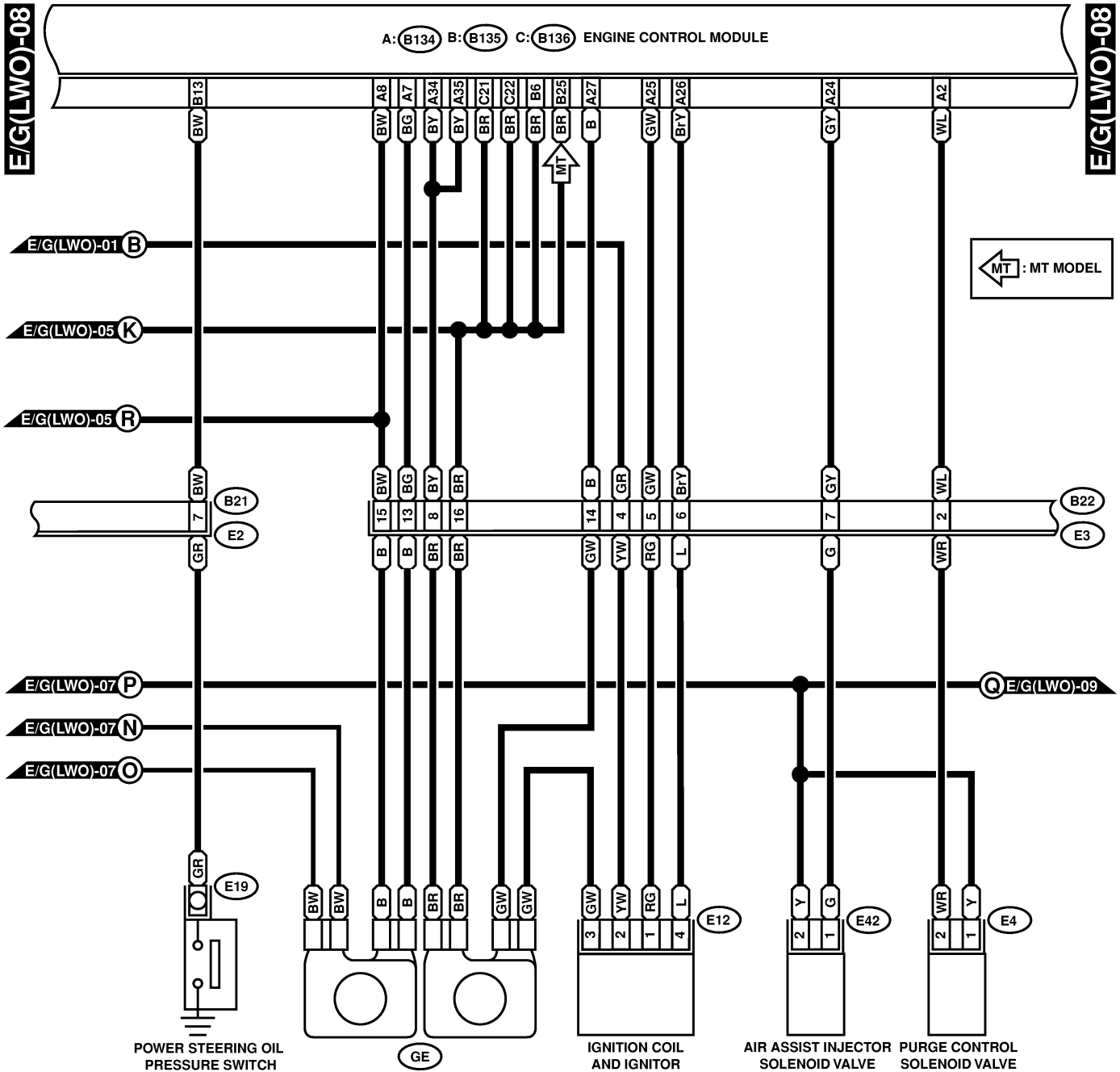
ENGINE ELECTRICAL SYSTEM

Wiring System



ENGINE ELECTRICAL SYSTEM

Wiring System



E4 (BLACK)

E42 (PURPLE)



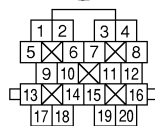
E12 (DARK GRAY)



B22 (BROWN)



B21 (LIGHT GRAY)



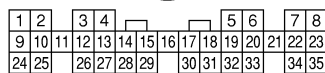
B: B135



C: B136

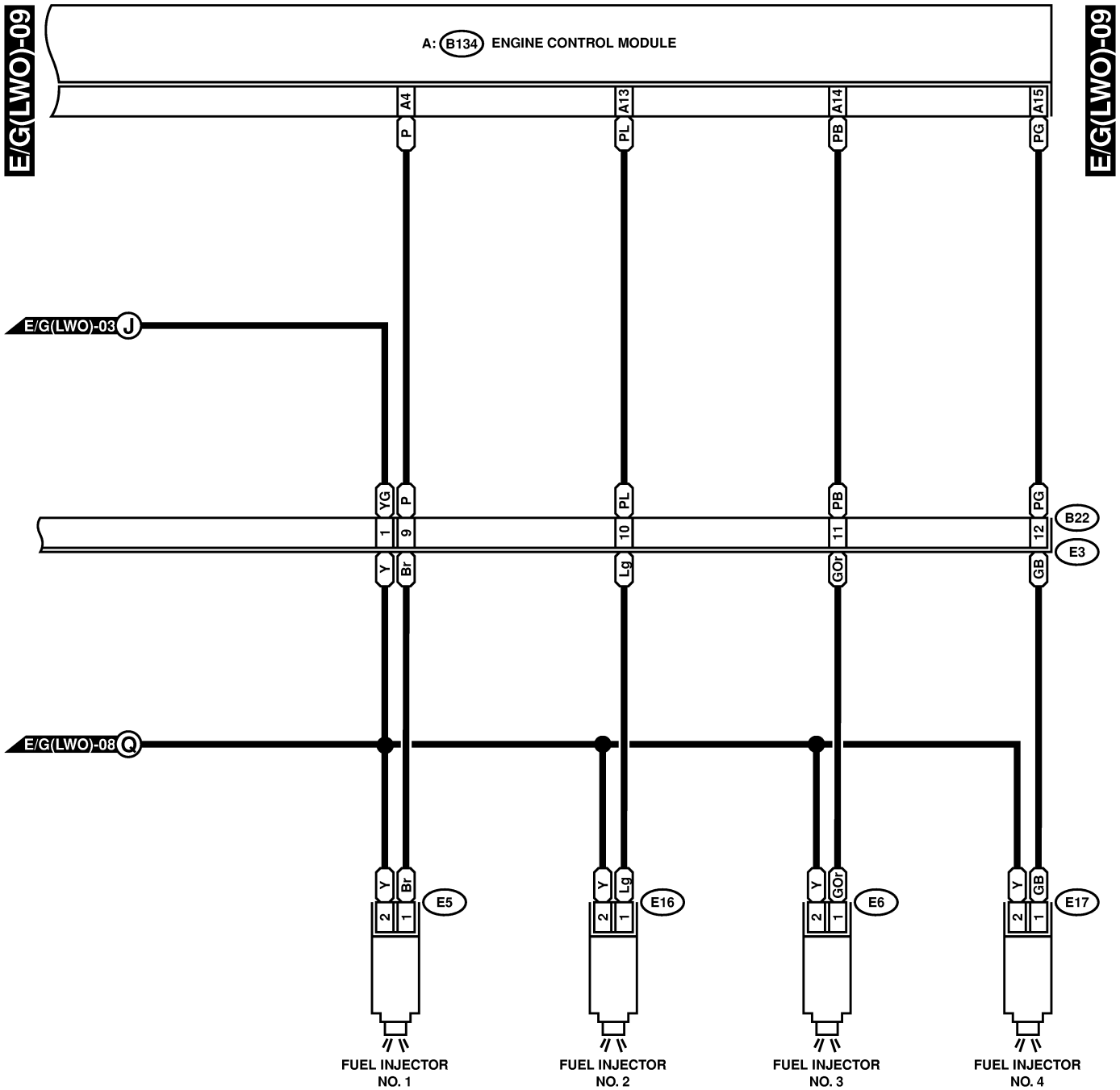


A: B134



ENGINE ELECTRICAL SYSTEM

Wiring System



E5 (LIGHT GRAY)

E6 (LIGHT GRAY)

E16 (LIGHT GRAY)

E17 (LIGHT GRAY)

1 2

B22 (BROWN)

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

A: B134

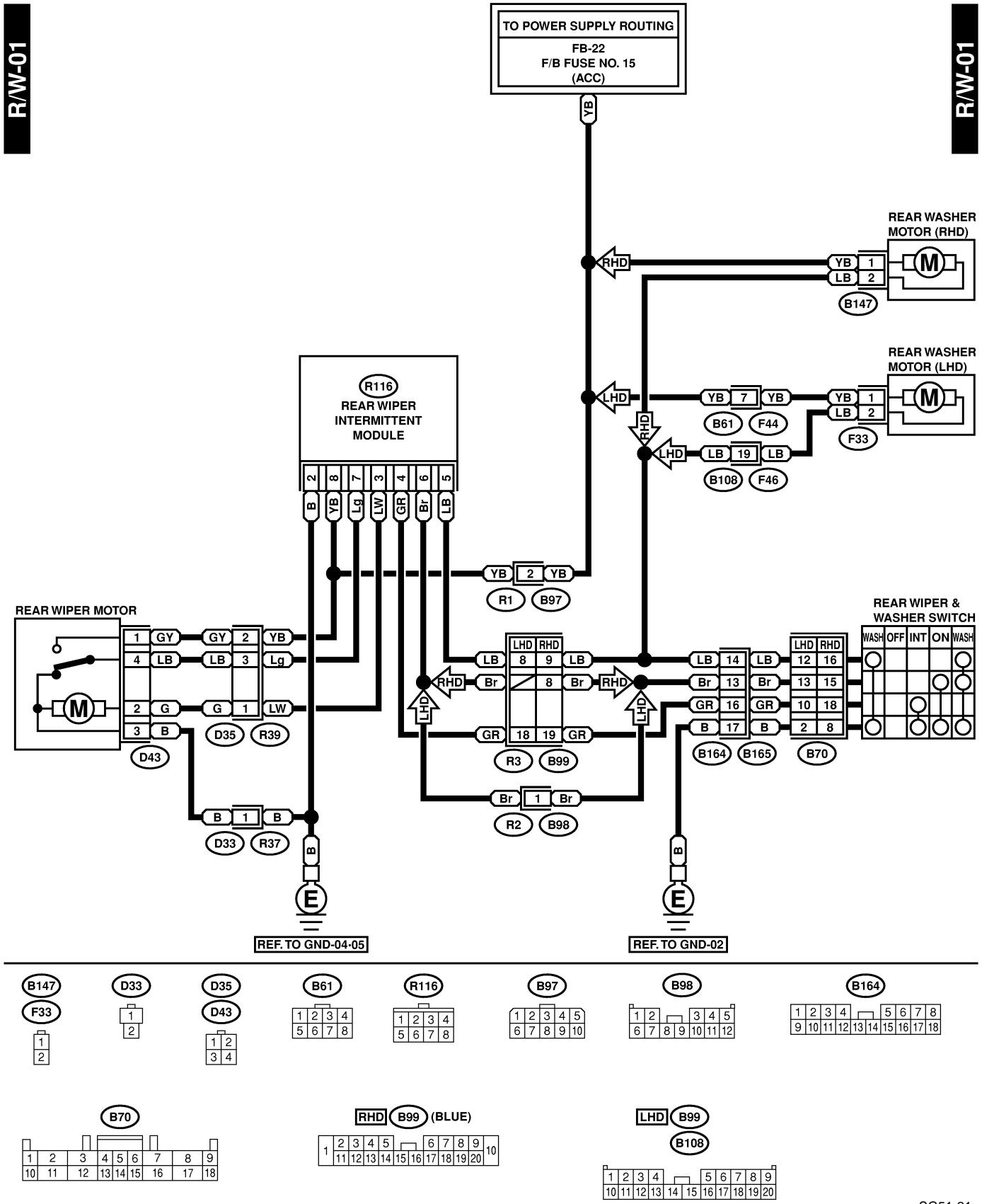
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | | | |

WIPER AND WASHER SYSTEM (REAR)

Wiring System

45. Wiper and Washer System (Rear) S903443

A: SCHEMATIC S903443A21



MEMO:

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

Wiring System

50. Bulkhead Wiring Harness (In Compartment)

S903446

A: LOCATION

S903446A13

1. LHD MODEL

S903446A130B

| Connector | | | | Connecting to | |
|-----------|-------|--------|------|---------------|---|
| No. | Pole | Color | Area | No. | Name |
| B30 | 25 | ★ | C-1 | D1 | Front door cord LH |
| B31 | 7 | Yellow | C-1 | AB1 | SRS (Airbag) harness |
| B32 | 3 | Black | B-1 | | Turn & hazard module |
| B36 | 16 | ★ | B-2 | i1 | Instrument panel meter harness |
| B37 | 24 | Black | B-2 | i2 | |
| B40 | 16 | Black | C-2 | | Data link connector |
| B41 | 2 | ★ | B-1 | | Power window circuit breaker |
| B42 | 4 | Blue | B-1 | | Power window relay |
| B43 | 6 | Brown | B-4 | | Illumination control module |
| B44 | 10 | ★ | C-2 | | Seat belt timer |
| B46 | 4 | Green | B-1 | | Fuel pump relay |
| B47 | 6 | Brown | B-1 | | Main relay |
| B50 | 4 | ★ | B-1 | | Blower relay |
| B51 | 8 | Blue | C-1 | | F/B |
| B52 | 12 | Blue | C-1 | | |
| B53 | 6 | ★ | B-2 | | Shield joint connector (AT) |
| B54 | 24 | ★ | C-2 | | Transmission control module (AT) |
| B55 | 24 | Gray | C-2 | | |
| B56 | 24 | Green | C-2 | | |
| B61 | 8 | ★ | B-1 | F44 | Front wiring harness |
| B62 | 20 | ★ | B-1 | F45 | Front wiring harness (DOHC turbo model) |
| | 16 | ★ | B-1 | F45 | Front wiring harness (SOHC model) |
| B64 | 2 | Black | B-2 | | Stop light switch (Without cruise control) |
| B65 | 4 | Black | B-2 | | Stop & brake switch (With cruise control) |
| B68 | 5 | Black | C-2 | | Cruise control sub switch |
| B69 | 4 | ★ | C-2 | | Combination switch |
| B70 | 18 | ★ | C-2 | | |
| B71 | 17 | ★ | C-2 | | |
| B72 | 4 | Blue | B-2 | | Ignition switch |
| B74 | 2 | Black | C-2 | | Key warning switch |
| B75 | 2 | Green | B-2 | B76 | Test mode connector |
| B76 | 2 | Green | B-2 | B75 | |
| B79 | 14 | Gray | C-2 | | Check connector |
| B81 | 1 × 2 | ★ | B-2 | | Diagnosis terminal (Ground) |
| B82 | 6 | Black | B-2 | | Diagnosis connector |
| B83 | 6 | ★ | D-4 | | Shield joint connector (SOHCwithOBD) |
| B84 | 17 | ★ | C-4 | | Engine control module (DOHC turbo model) |
| B85 | 2 | ★ | B-3 | | Diode (Lighting) |
| B86 | 6 | ★ | B-3 | | Blower motor resistor |
| B87 | 2 | ★ | B-3 | | Blower motor |
| B88 | 3 | ★ | B-3 | | Evaporator thermostswitch |
| B90 | 8 | ★ | B-4 | R50 | Roof cord |
| B94 | 20 | ★ | C-1 | | Cruise control module |
| B97 | 10 | Blue | B-4 | R1 | Rear wiring harness |
| B98 | 12 | ★ | B-4 | R2 | |
| B99 | 20 | ★ | B-4 | R3 | |
| B101 | 25 | ★ | B-4 | D11 | Front door cord RH |
| B104 | 4 | ★ | C-1 | | Seat heater/rear accessory power supply relay |
| B107 | 2 | Blue | B-2 | | Clutch switch (MT-cruise control) |
| B108 | 20 | ★ | B-1 | F46 | Front wiring harness |
| B116 | 4 | Black | C-3 | | Select lever illumination light and power switch (AT) |
| B118 | 2 | ★ | C-3 | | CD player illumination light |
| B119 | 1 | ★ | C-3 | | Front accessory power supply socket |
| B120 | 14 | ★ | C-3 | | Radio |
| B121 | 1 | Black | C-3 | | Audio ground |
| B122 | 6 | ★ | C-4 | | Sensor ground joint connector (With OBD) |

| Connector | | | | Connecting to | |
|-----------|------|-------|------|---------------|--|
| No. | Pole | Color | Area | No. | Name |
| B125 | 1 | Black | B-2 | B126 | Read memory connector (Without OBD) |
| | 1 | Green | B-4 | | Line end connector (With OBD) |
| B126 | 1 | Black | B-2 | B125 | Read memory connector (Without OBD) |
| | 1 | Green | B-4 | | Line end connector (With OBD) |
| B129 | 2 | Black | B-2 | | Kick-down switch (AT) |
| B131 | 4 | Blue | B-2 | | Rear fog light relay |
| B134 | 22 | ★ | C-4 | | Engine control module (DOHC turbo model) |
| | 35 | Gray | C-4 | | Engine control module (SOHC model) |
| B135 | 28 | ★ | C-4 | | Engine control module (DOHC turbo model) |
| | 28 | Gray | C-4 | | Engine control module (SOHC model) |
| B136 | 24 | ★ | C-4 | | Engine control module (DOHC turbo model) |
| | 30 | Gray | C-4 | | Engine control module (SOHC model) |
| B137 | 31 | ★ | C-4 | | Engine control module (DOHC turbo model) |
| B140 | 6 | Black | B-4 | | Headlight washer module |
| B141 | 12 | ★ | B-2 | | Immobilizer control module (With OBD) |
| | 15 | ★ | B-2 | | Immobilizer control module (Without OBD) |
| B142 | 2 | ★ | B-2 | | Immobilizer antenna |
| B152 | 7 | ★ | B-1 | | F/B |
| B157 | 4 | Red | B-1 | | Ignition relay |
| B158 | 12 | ★ | B-1 | | F/B |
| B159 | 10 | Gray | B-1 | | C/B |
| B160 | 6 | Black | C-1 | | Front fog light switch |
| B161 | 6 | Brown | C-1 | | Cruise control main switch |
| B162 | 8 | ★ | C-2 | B163 | Combination switch cord |
| B164 | 18 | ★ | C-2 | B165 | Combination switch cord |
| B167 | 3 | ★ | C-3 | | Front accessory power supply socket illumination light |
| B168 | 3 | ★ | B-3 | | A/C switch |
| B169 | 6 | ★ | B-3 | | Blower fan switch |
| B170 | 2 | ★ | B-3 | | Mode control panel illumination light |
| B171 | 4 | Black | B-4 | | Mirror heater relay |
| B173 | 1 | ★ | C-1 | | IG power supply connector |
| B175 | 2 | ★ | C-3 | | Ash tray illumination light |
| B176 | 18 | ★ | C-2 | | Keyless entry control module |
| B177 | 2 | ★ | B-1 | | Wiper deicer |
| B179 | 12 | ★ | B-2 | B180 | Joint connector (E/G) (SOHC without OBD) |
| B180 | 12 | ★ | B-2 | B179 | |
| B181 | 1 | ★ | B-4 | B182 | Joint connector (E/G) (MT) (SOHC without OBD) |
| B182 | 1 | ★ | B-4 | B181 | |
| B183 | 1 | ★ | C-1 | B184 | Joint connector (Keyless entry) |
| B184 | 1 | ★ | C-1 | B183 | |
| B190 | 5 | Blue | C-2 | | Speed warning module |
| B191 | 4 | Blue | B-4 | | Wiper deicer relay |
| B192 | 4 | ★ | B-4 | | Wiper deicer timer |
| B193 | 6 | Black | C-2 | | Wiper deicer switch |
| B195 | 6 | ★ | C-1 | | Rear fog light switch |
| B196 | 2 | ★ | B-3 | | Diode (Rear fog light) |
| B200 | 14 | Black | B-3 | i4 | Panel-center harness |
| B203 | 4 | ★ | C-2 | | Noise filter |
| B208 | 2 | Black | B-3 | | Glove box illumination light |
| B209 | 24 | Black | B-1 | F75 | Front wiring harness (DOHC turbo model) |
| B210 | 6 | Black | B-1 | F76 | |
| B224 | 2 | ★ | B-2 | | Key switch illumination light |
| B250 | 3 | ★ | B-1 | | Flash memory connector (DOHC turbo model) |
| B299 | 8 | ★ | C-2 | | Shield joint connector (AT) |

★: Non-colored

REAR WIRING HARNESS

Wiring System

53. Rear Wiring Harness S903431

A: LOCATION S903431A13

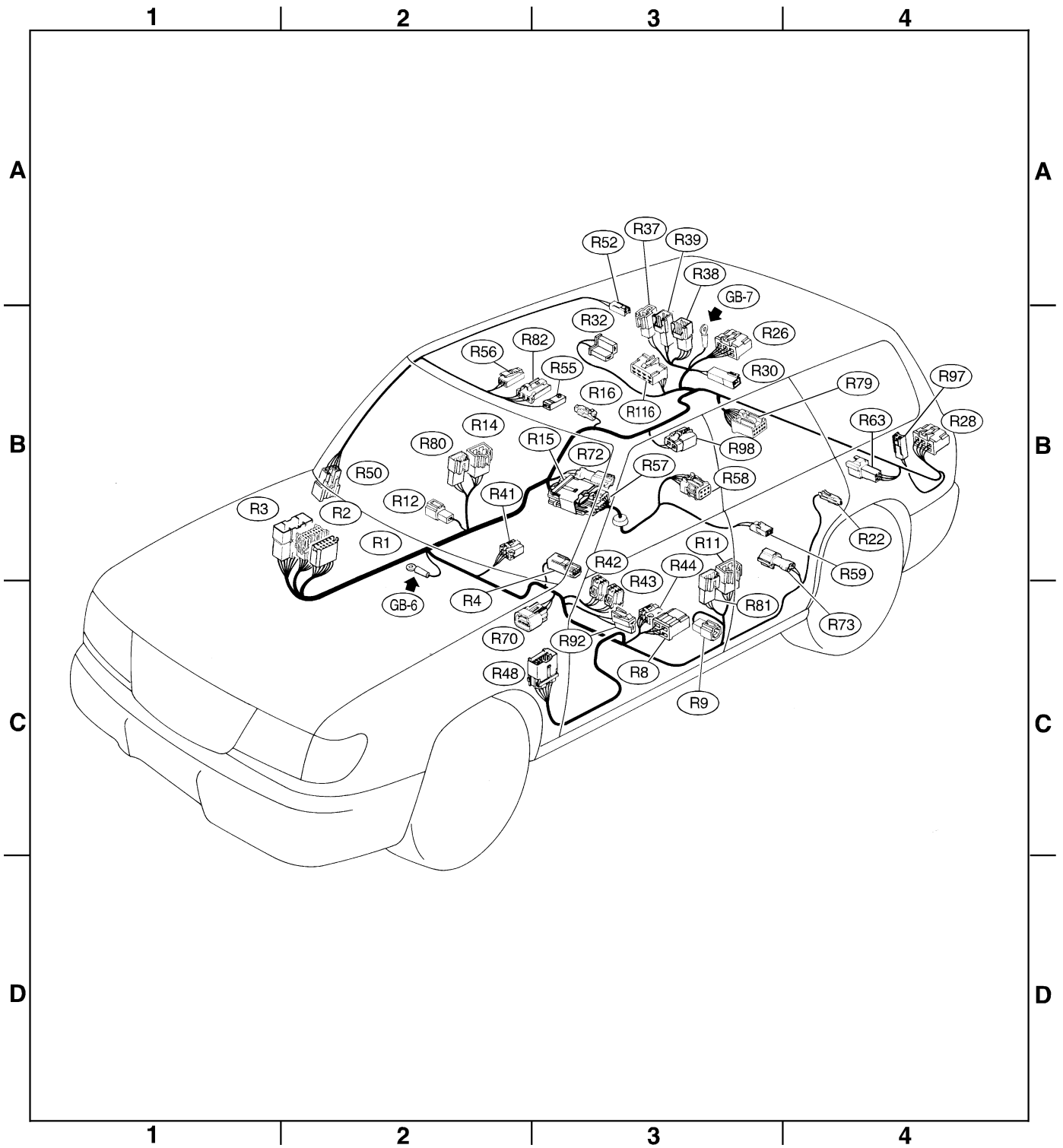
1. LHD MODEL S903431A1306

| Connector | | | | Connecting to | |
|-----------|------|-------|------|---------------|--|
| No. | Pole | Color | Area | No. | Name |
| R1 | 10 | ★ | C-2 | B97 | Bulkhead wiring harness |
| R2 | 12 | ★ | C-2 | B98 | |
| R3 | 20 | ★ | C-2 | B99 | |
| R4 | 1 | ★ | C-3 | | Parking brake switch |
| R8 | 4 | ★ | C-3 | | Seat belt switch |
| R9 | 1 | ★ | C-3 | | Front door switch LH |
| R11 | 4 | ★ | C-3 | D21 | Rear door cord LH |
| R12 | 1 | ★ | B-2 | | Front door switch RH |
| R14 | 4 | ★ | B-2 | D27 | Rear door cord RH |
| R15 | 6 | Black | B-3 | R57 | Fuel tank cord |
| R16 | 1 | Brown | B-3 | | Rear door switch RH |
| R22 | 1 | Brown | B-4 | | Rear door switch LH |
| R26 | 6 | ★ | B-3 | | Rear combination light RH |
| R28 | 6 | ★ | B-4 | | Rear combination light LH |
| R30 | 2 | ★ | B-3 | | Diode (Luggage room light) |
| R32 | 2 | ★ | B-3 | | Rear accessory power supply |
| R37 | 2 | ★ | B-3 | D33 | Rear gate cord |
| R38 | 6 | ★ | B-3 | D34 | |
| R39 | 4 | ★ | B-3 | D35 | |
| R41 | 4 | Blue | C-2 | | Seat heater RH |
| R42 | 4 | ★ | C-3 | | Seat heater switch RH |
| R43 | 4 | Blue | C-3 | | Seat heater switch LH |
| R44 | 4 | Blue | C-3 | | Seat heater LH |
| R48 | 12 | ★ | C-3 | F55 | Front wiring harness (ABS) |
| R50 | 8 | ★ | B-2 | B90 | Bulkhead wiring harness |
| R52 | 2 | ★ | A-3 | | Room light (With sunroof model) |
| | 3 | ★ | A-3 | | Room light (Without sunroof model) |
| R56 | 2 | ★ | B-2 | | Spot light |
| R57 | 8 | ★ | B-3 | R15 | Rear wiring harness |
| R58 | 6 | ★ | B-3 | | Fuel gauge module & fuel pump assembly |
| R59 | 2 | ★ | C-3 | | Fuel gauge sub module |
| R63 | 4 | ★ | B-4 | | License plate light |
| R70 | 3 | ★ | C-2 | | ABS G sensor |
| R72 | 2 | ★ | B-3 | | Rear ABS sensor RH |
| R73 | 2 | ★ | C-3 | | Rear ABS sensor LH |
| R79 | 10 | ★ | B-3 | | Trailer connector |
| R80 | 3 | ★ | B-2 | D64 | Rear door cord RH |
| R81 | 3 | ★ | C-3 | D63 | Rear door cord LH |
| R82 | 4 | ★ | B-2 | | Clock |
| R92 | 2 | ★ | C-3 | | Hold mode switch (AT) |
| R97 | 2 | Brown | B-4 | | Antenna amplifier |
| R98 | 2 | ★ | B-3 | | Rear differential oil temp switch (Turbo model for Europe) |
| R116 | 8 | ★ | B-3 | | Rear wiper intermittent module |

★: Non-colored

REAR WIRING HARNESS

Wiring System



S6M0602A

REAR WIRING HARNESS

Wiring System

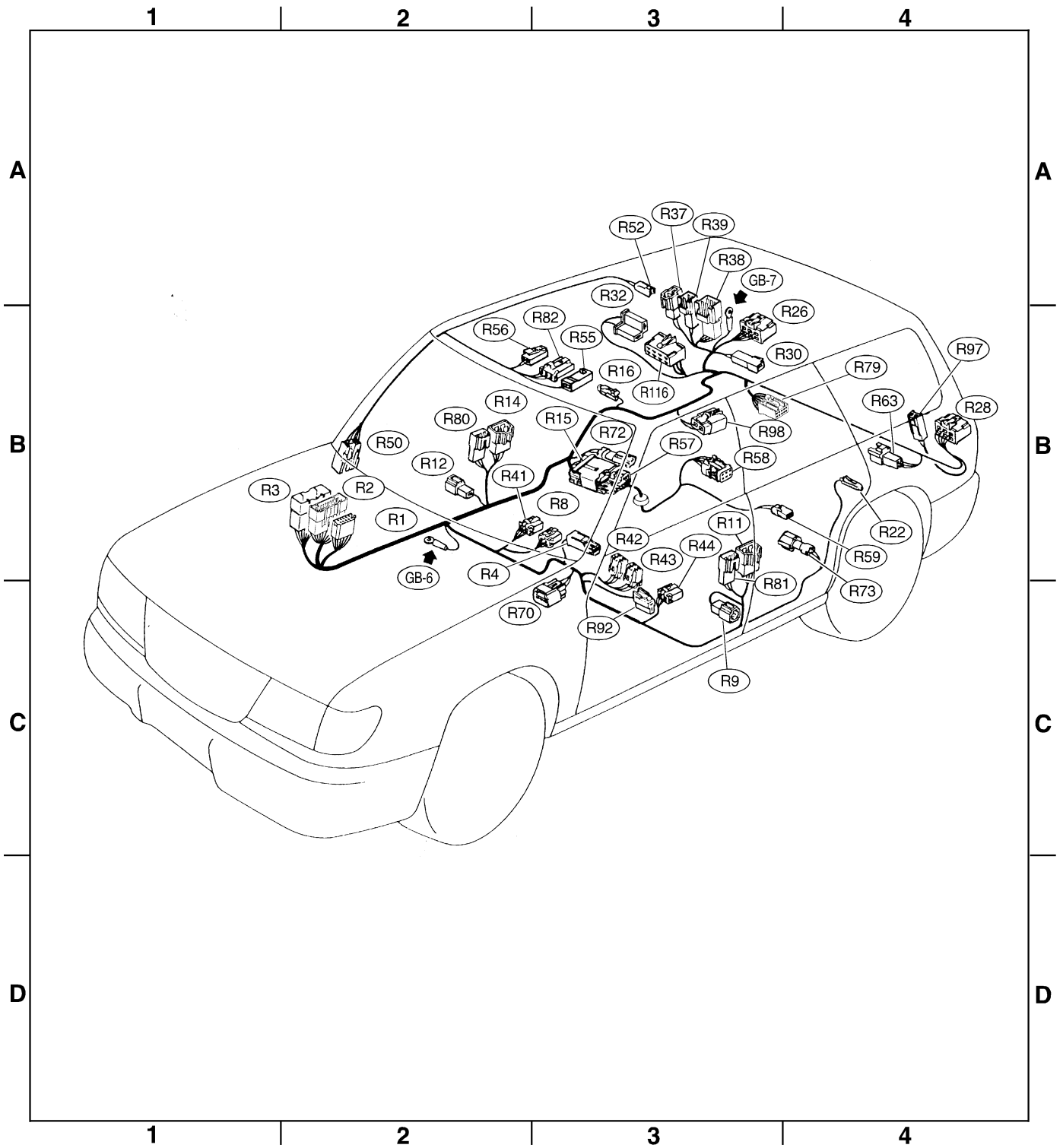
2. RHD MODEL S903431A1301

| Connector | | | | Connecting to | |
|-----------|------|-------|------|---------------|--|
| No. | Pole | Color | Area | No. | Name |
| R1 | 10 | ★ | B-2 | B97 | Bulkhead wiring harness |
| R2 | 18 | ★ | B-2 | B98 | |
| R3 | 20 | Blue | B-2 | B99 | |
| R4 | 1 | ★ | C-3 | | Parking brake switch |
| R8 | 4 | ★ | C-3 | | Seat belt switch |
| R9 | 1 | ★ | C-3 | | Front door switch LH |
| R11 | 4 | ★ | C-3 | D21 | Rear door cord LH |
| R12 | 1 | ★ | B-2 | | Front door switch RH |
| R14 | 4 | ★ | B-2 | D27 | Rear door cord RH |
| R15 | 6 | Black | B-3 | R57 | Fuel tank cord |
| R16 | 1 | Brown | B-3 | | Rear door switch RH |
| R22 | 1 | Brown | B-4 | | Rear door switch LH |
| R26 | 6 | ★ | B-3 | | Rear combination light RH |
| R28 | 6 | ★ | B-4 | | Rear combination light LH |
| R30 | 2 | ★ | B-3 | | Diode (Luggage room light) |
| R32 | 2 | ★ | B-3 | | Rear accessory power supply |
| R37 | 2 | ★ | A-3 | D33 | Rear gate cord |
| R38 | 6 | ★ | B-3 | D34 | |
| R39 | 4 | ★ | B-3 | D35 | |
| R41 | 4 | Blue | B-2 | | Seat heater RH |
| R42 | 4 | ★ | C-3 | | Seat heater switch RH |
| R43 | 4 | Blue | C-3 | | Seat heater switch LH |
| R44 | 4 | Blue | C-3 | | Seat heater LH |
| R50 | 8 | ★ | B-2 | B90 | Bulkhead wiring harness |
| R52 | 2 | ★ | A-3 | | Room light (With sunroof model) |
| | 3 | ★ | A-3 | | Room light (Without sunroof model) |
| R55 | 1 | ★ | B-3 | | Sunroof motor |
| R56 | 2 | ★ | B-2 | | Spot light |
| R57 | 8 | ★ | B-3 | R15 | Rear wiring harness |
| R58 | 6 | ★ | B-3 | | Fuel gauge module & fuel pump assembly |
| R59 | 2 | ★ | B-3 | | Fuel gauge sub module |
| R63 | 4 | ★ | B-4 | | License plate light |
| R70 | 3 | ★ | C-3 | | ABS G sensor |
| R72 | 2 | ★ | B-3 | | Rear ABS sensor RH |
| R73 | 2 | ★ | C-3 | | Rear ABS sensor LH |
| R79 | 10 | ★ | B-3 | | Trailer connector |
| R80 | 3 | ★ | B-2 | D64 | Rear door cord RH |
| R81 | 3 | ★ | C-3 | D63 | Rear door cord LH |
| R82 | 4 | ★ | B-3 | | Clock |
| R92 | 2 | ★ | C-3 | | Hold mode switch (AT) |
| R97 | 2 | Brown | B-4 | | Antenna amplifier |
| R98 | 2 | ★ | B-3 | | Rear differential oil temp switch (Turbo model for Europe) |
| R116 | 8 | ★ | B-3 | | Rear wiper intermittent module |

★: Non-colored

REAR WIRING HARNESS

Wiring System



S6M0603A

REAR WIRING HARNESS

Wiring System

MEMO: