

Switches and Harness

MANUAL TRANSMISSION AND DIFFERENTIAL

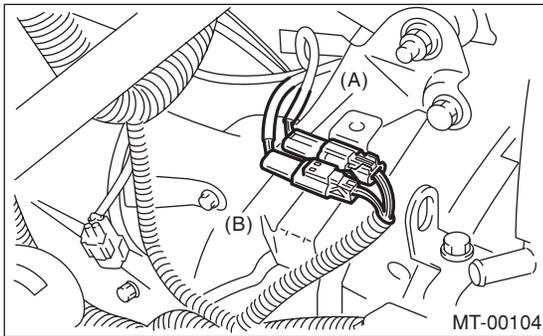
7. Switches and Harness

A: REMOVAL

1. BACK-UP LIGHT SWITCH AND NEUTRAL POSITION SWITCH

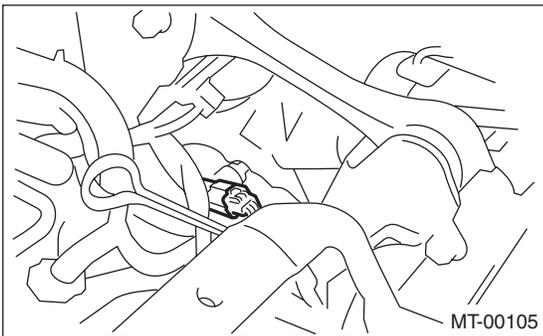
- 1) Disconnect the ground cable from battery.
- 2) Remove the air intake chamber and cleaner case. (Non-turbo model) <Ref. to IN(H4SO)-7, REMOVAL, Air Cleaner Case.> <Ref. to IN(H4SO)-9, REMOVAL, Air Intake Chamber.>
- 3) Remove the intercooler. (Turbo model) <Ref. to IN(H4DOTC)-12, REMOVAL, Intercooler.>
- 4) Disconnect the connectors of back-up light switch and neutral position switch.

- Non-turbo model



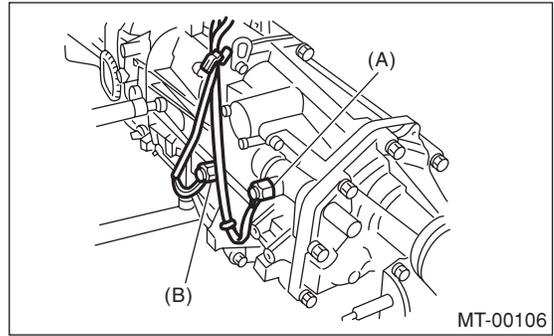
- (A) Neutral position switch connector (Brown)
(B) Back-up light switch connector (Gray)

- Turbo model



- 5) Lift-up the vehicle.

- 6) Remove the back-up light switch and neutral position switch with harness.



- (A) Neutral position switch (Brown)
(B) Back-up light switch (Gray)

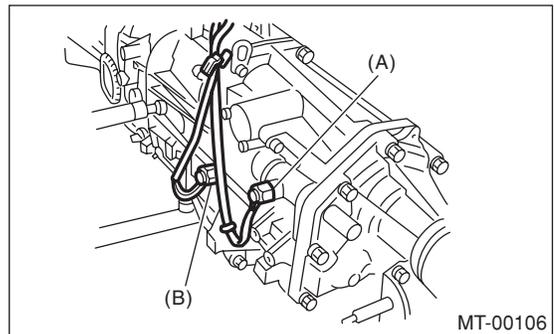
B: INSTALLATION

1. BACK-UP LIGHT SWITCH AND NEUTRAL POSITION SWITCH

- 1) Install the back-up light switch and neutral position switch with harness.

Tightening torque:

32.3 N·m (3.3 kgf·m, 23.8 ft·lb)



- (A) Neutral position switch
(B) Back-up light switch

- 2) Connect the connectors of back-up light switch and neutral position switch.
- 3) Install the air intake chamber and cleaner case. (Non-turbo model) <Ref. to IN(H4SO)-7, INSTALLATION, Air Cleaner Case.> <Ref. to IN(H4SO)-9, INSTALLATION, Air Intake Chamber.>
- 4) Install the intercooler. (Turbo model) <Ref. to IN(H4DOTC)-12, INSTALLATION, Intercooler.>
- 5) Connect the battery ground cable to battery.

C: INSPECTION

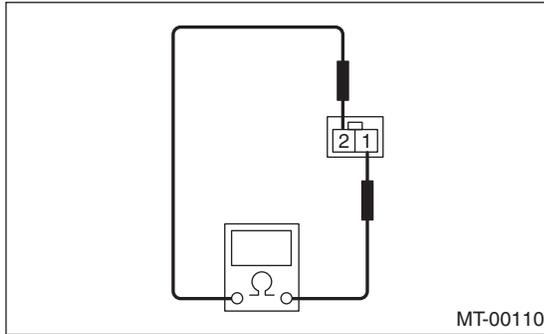
1. BACK-UP LIGHT SWITCH

Inspect the back-up light switch. <Ref. to LI-6, INSPECTION, Back-up Light System.>

2. NEUTRAL POSITION SWITCH

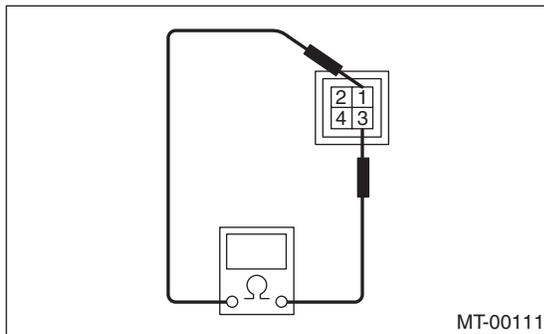
- 1) Turn the ignition switch to OFF.
- 2) Disconnect the connector of neutral position switch.
- 3) Measure the resistance between neutral position switch terminals.

- Non-turbo model



Gear shift position	Terminal No.	Specified resistance
Neutral position	1 and 2	More than 1 MΩ
Other positions		Less than 1 Ω

- Turbo model



Gear shift position	Terminal No.	Specified resistance
Neutral position	1 and 3	More than 1 MΩ
Other positions		Less than 1 Ω

- 4) Replace the faulty parts.