

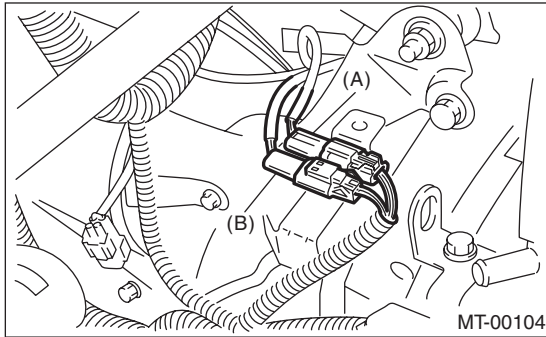
7. Switches and Harness

A: REMOVAL

1. BACK-UP LIGHT SWITCH AND NEUTRAL POSITION SWITCH

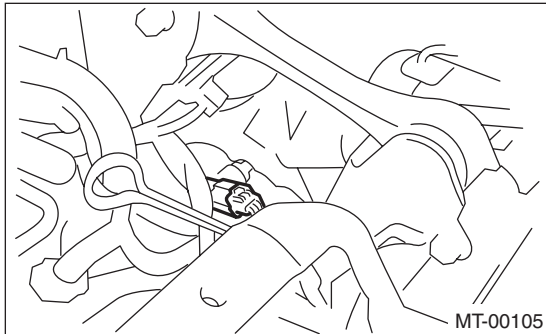
- 1) Disconnect the ground cable from the battery.
- 2) Remove the air intake chamber. (Non-turbo model) <Ref. to IN (H4SO)-6, REMOVAL, Air Intake Chamber.>
- 3) Remove the intercooler. (Turbo model) <Ref. to IN(H4DOTC)-11, REMOVAL, Intercooler.>
- 4) Disconnect the connector back-up light switch and neutral position switch.

- Non-turbo model



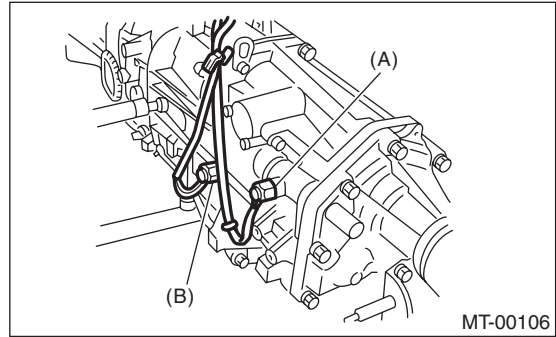
- (A) Neutral position switch connector
- (B) Back-up light switch connector

- Turbo model



- 5) Lift-up the vehicle.

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



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

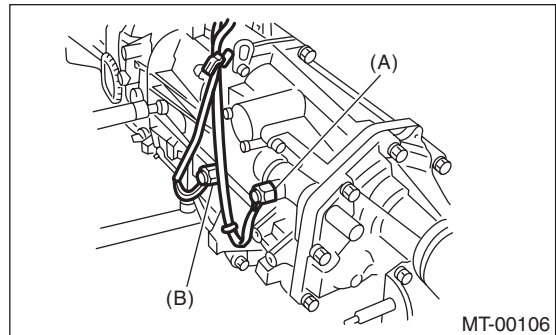
B: INSTALLATION

1. BACK-UP LIGHT SWITCH AND NEUTRAL POSITION SWITCH

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

Tightening torque:

32.3 N·m (3.3 kgf-m, 23.8 ft-lb)



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

- 2) Connect the connectors of back-up light switch and neutral position switch.
- 3) Install the air intake chamber. (Non-turbo model) <Ref. to IN (H4SO)-6, INSTALLATION, Air Intake Chamber.>
- 4) Install the intercooler. (Turbo model) <Ref. to IN(H4DOTC)-11, INSTALLATION, Intercooler.>
- 5) Connect the ground cable to the battery.

Switches and Harness

MANUAL TRANSMISSION AND DIFFERENTIAL

C: INSPECTION

1. BACK-UP LIGHT SWITCH

Check 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.

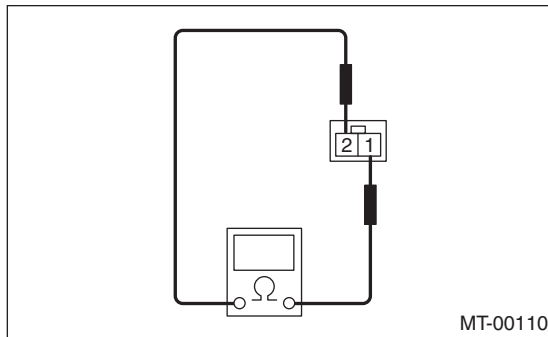
Non-turbo model:

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

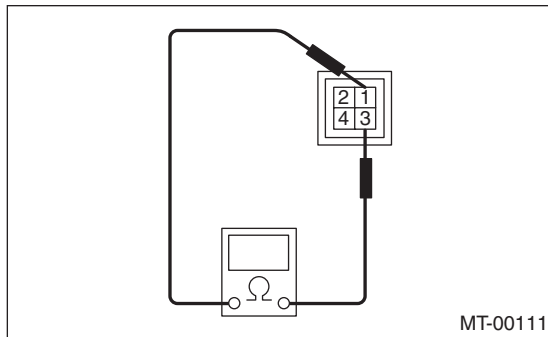
Turbo model:

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

• Non-turbo model



• Turbo model



- 4) Replace faulty parts.