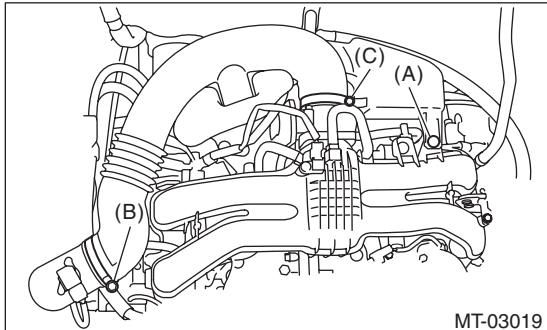


7. Switches and Harness

A: REMOVAL

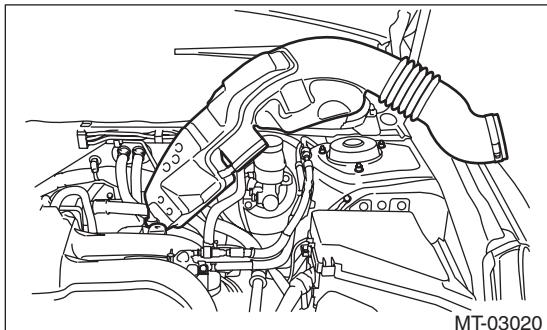
1. BACK-UP LIGHT AND NEUTRAL POSITION SWITCH

- 1) Disconnect the ground cable from battery.
- 2) Remove the clip (A) from the air intake boot.
- 3) Loosen the clamp (B) connecting the air intake boot and air cleaner case (rear).
- 4) Loosen the clamp (C) which connects the air intake boot and throttle body.



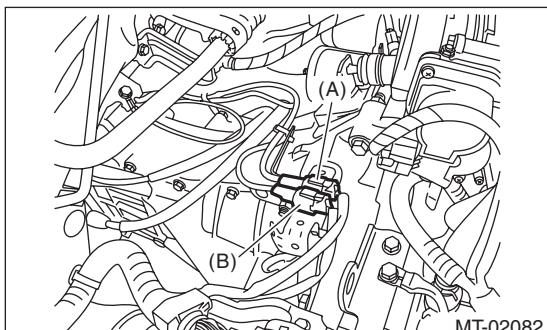
MT-03019

- 5) Remove the air intake boot from the throttle body, and move it to the left side wheel apron.



MT-03020

- 6) Disconnect the connector back-up light switch & neutral position switch.

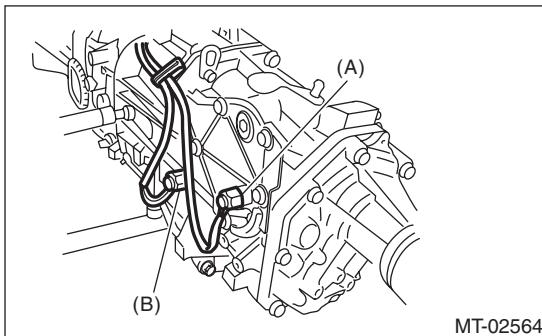


MT-02082

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

- 7) Lift up the vehicle.

- 8) Remove the back-up light switch & neutral position switch with the harness.



MT-02564

(A) Neutral position switch

(B) Back-up light switch

B: INSTALLATION

1. BACK-UP LIGHT SWITCH & NEUTRAL POSITION SWITCH

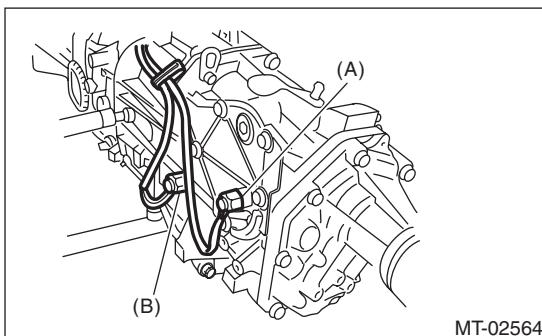
- 1) Install the back-up light switch & neutral position switch with the harness.

NOTE:

Use a new gasket.

Tightening torque:

32.3 N·m (3.3 kgf·m, 23.8 ft-lb)



MT-02564

(A) Neutral position switch

(B) Back-up light switch

- 2) Lower the vehicle.

- 3) Connect the connectors of back-up light switch & neutral position switch.

- 4) Install the air intake boot assembly. <Ref. to IN(H4DO)-13, INSTALLATION, Air Intake Boot.>

- 5) Connect the battery ground terminal.

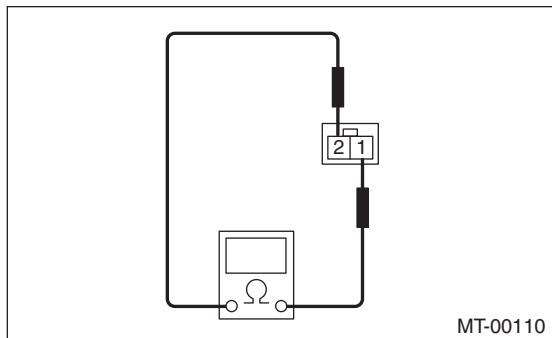
C: INSPECTION

1. BACK-UP LIGHT SWITCH

Check the back-up light switch. <Ref. to LI-13, 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.



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

- 4) Replace faulty parts.