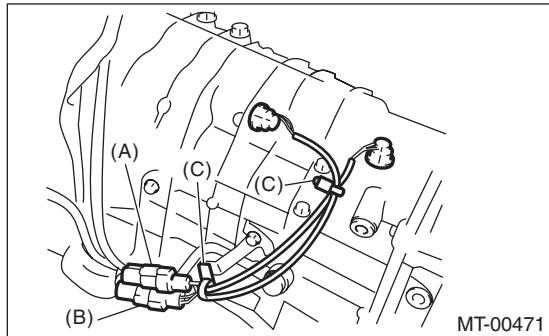


### 9. Back-up Light Switch

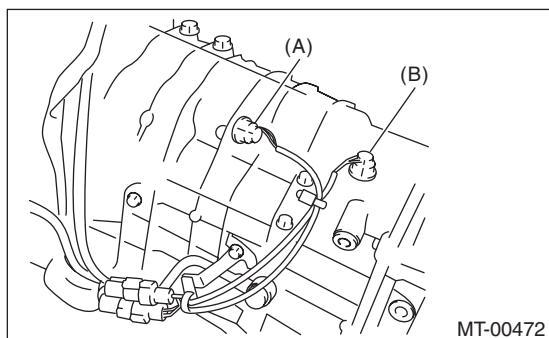
#### A: REMOVAL

- 1) Remove the manual transmission assembly from the vehicle. <Ref. to 6MT-31, REMOVAL, Manual Transmission Assembly.>
- 2) Disconnect the back-up light switch connector.



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

- 3) Disconnect the back-up light switch.



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

#### B: INSTALLATION

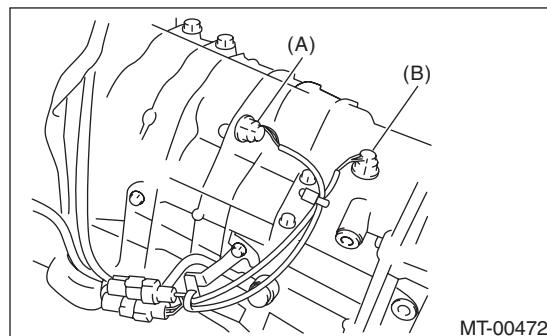
- 1) Install the back-up light switch.

NOTE:

Use a new gasket.

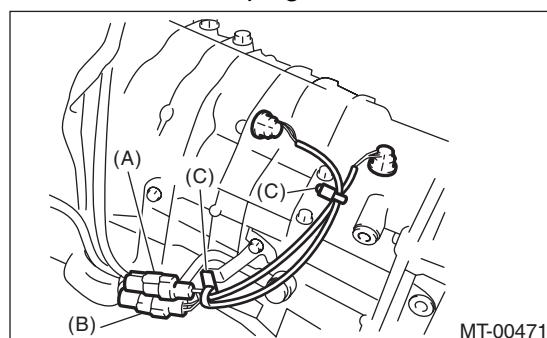
**Tightening torque:**

**32 N·m (3.3 kgf·m, 23.6 ft-lb)**



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

- 2) Connect the back-up light switch connector.



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

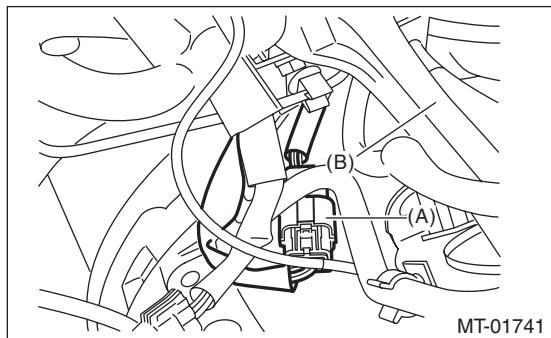
- 3) Install the manual transmission assembly to the vehicle. <Ref. to 6MT-33, INSTALLATION, Manual Transmission Assembly.>

# Back-up Light Switch

## MANUAL TRANSMISSION AND DIFFERENTIAL

### C: INSPECTION

- 1) Disconnect the ground cable from battery.
- 2) Remove the intercooler. <Ref. to IN(STI)-12, REMOVAL, Intercooler.>
- 3) Disconnect the transmission harness and chassis harness.



(A) Transmission harness connectors

(B) Pitching stopper

- 4) Measure the resistance between the back-up light switch terminals. If it is not within the specification, replace the back-up light switch.

Gear shift position	Terminal No.	Standard
Back position	3 and 6	Less than 1 $\Omega$
Other positions		1 M $\Omega$ or more

