

2. Parking Brake Actuator

A: REMOVAL

CAUTION:

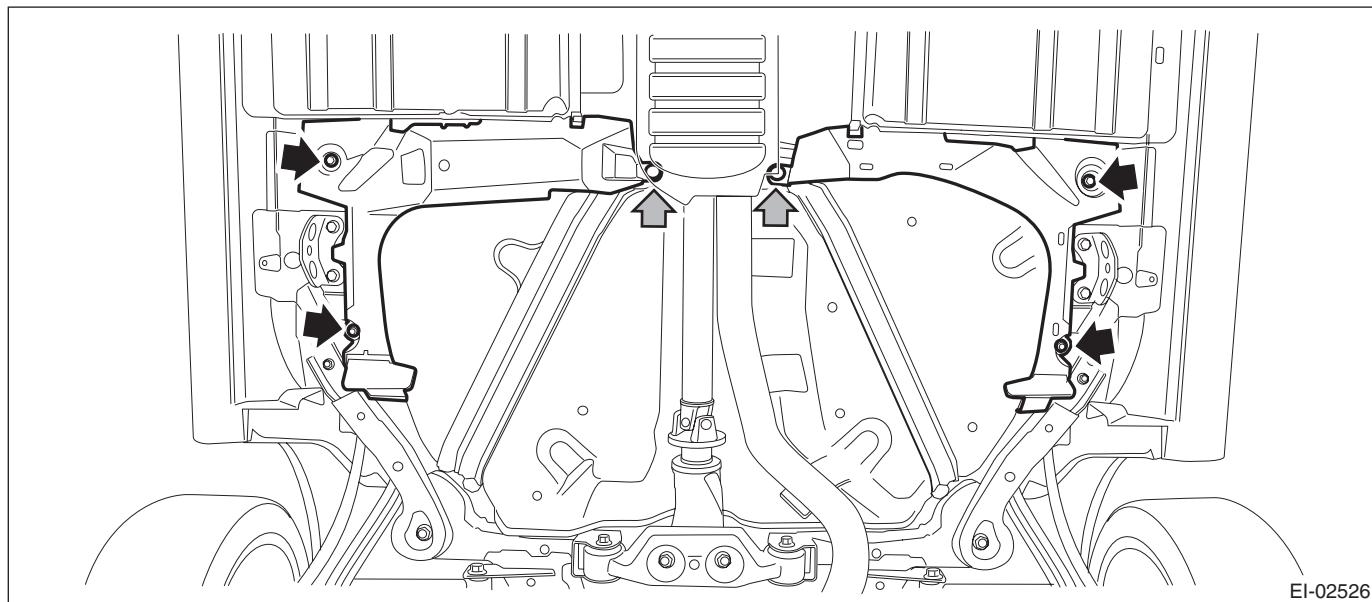
Since the parking brake actuator and parking brake cable are integrated as a unit, do not disassemble them.

- 1) Lift up the vehicle, and then remove the rear wheels.
- 2) Perform "Parking Brake Removal Mode" after connecting the Subaru Select Monitor. <Ref. to PB(diag)-18, PARKING BRAKE REMOVAL MODE, OPERATION, Subaru Select Monitor.>

CAUTION:

Be sure to lift up the vehicle before performing the "Parking Brake Removal Mode".

- 3) Disconnect the ground cable from battery.
- 4) Remove the fuel tank protector.
 - (1) Remove the bolts, and remove the fuel tank protector.
 - (2) Remove the clips.

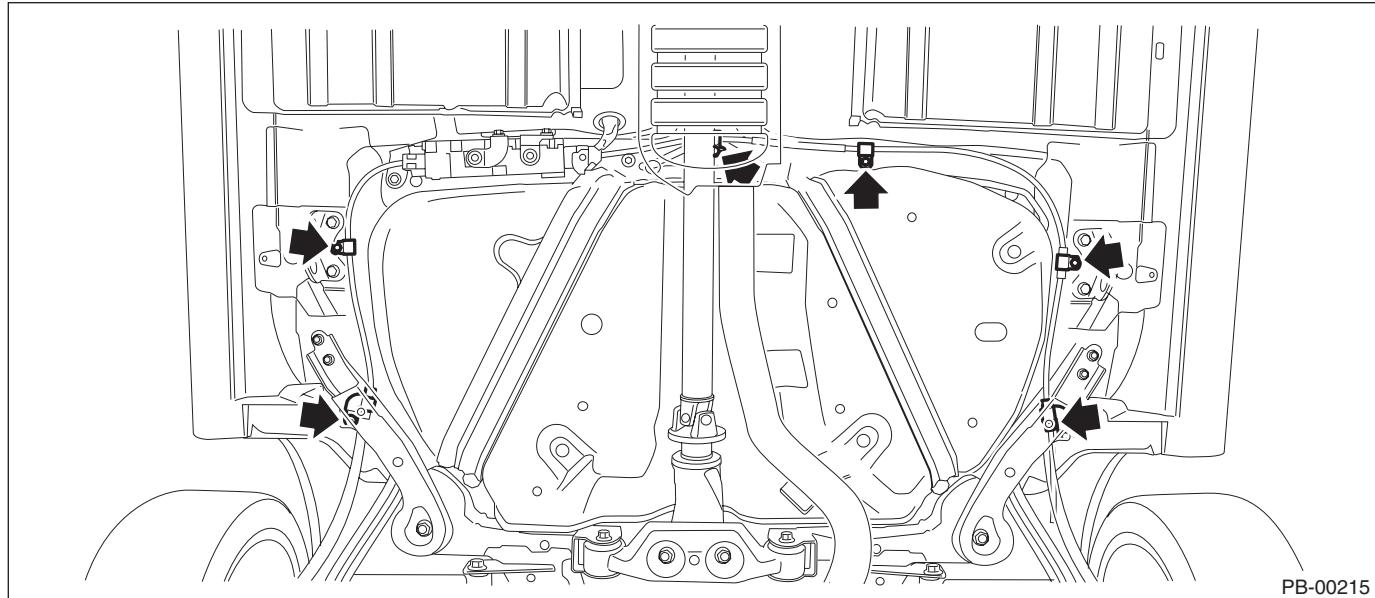


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5) Remove the parking brake actuator.

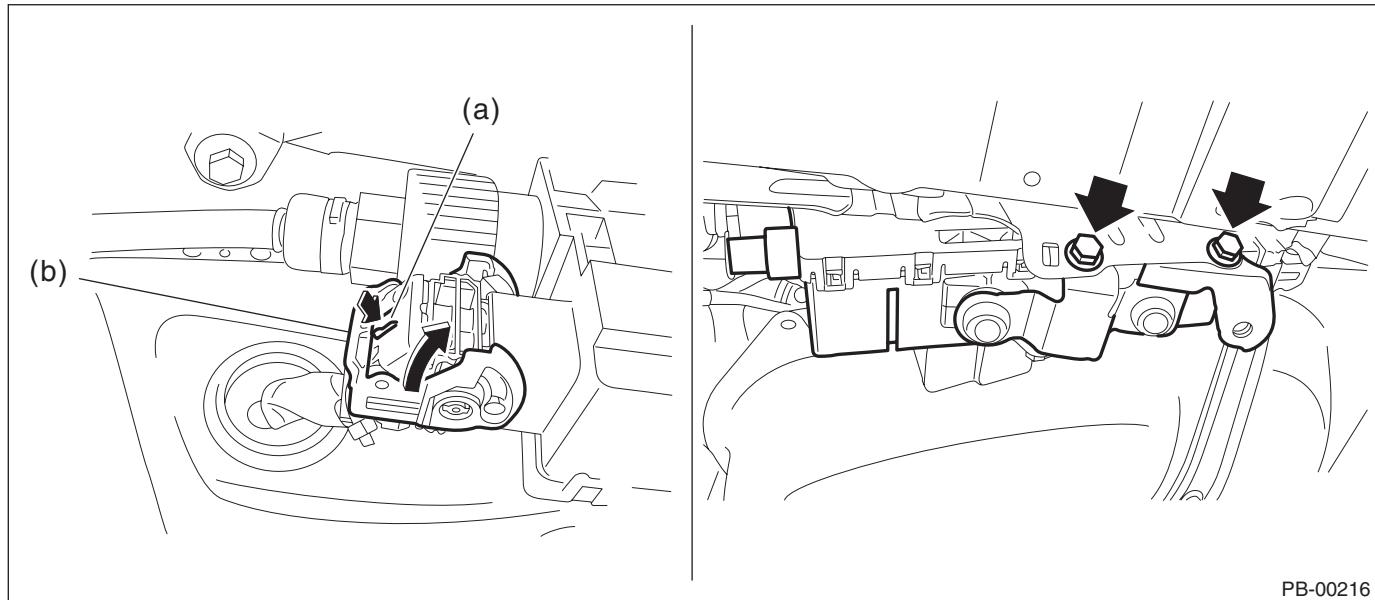
- (1) Remove the parking brake cable from parking brake assembly. <Ref. to PB-9, REMOVAL, Parking Brake Assembly (Rear Disc Brake).>
- (2) Remove the bolt and detach the cable clamp.



NOTE:

Make white line marking to confirm the twist of parking cable, and then perform the following procedures:

- (3) Push the lock (a), and pull up the lock lever (b).
- (4) With the lock lever pulled up, disconnect the parking brake actuator connector.
- (5) Remove the bolts and remove the parking brake actuator.

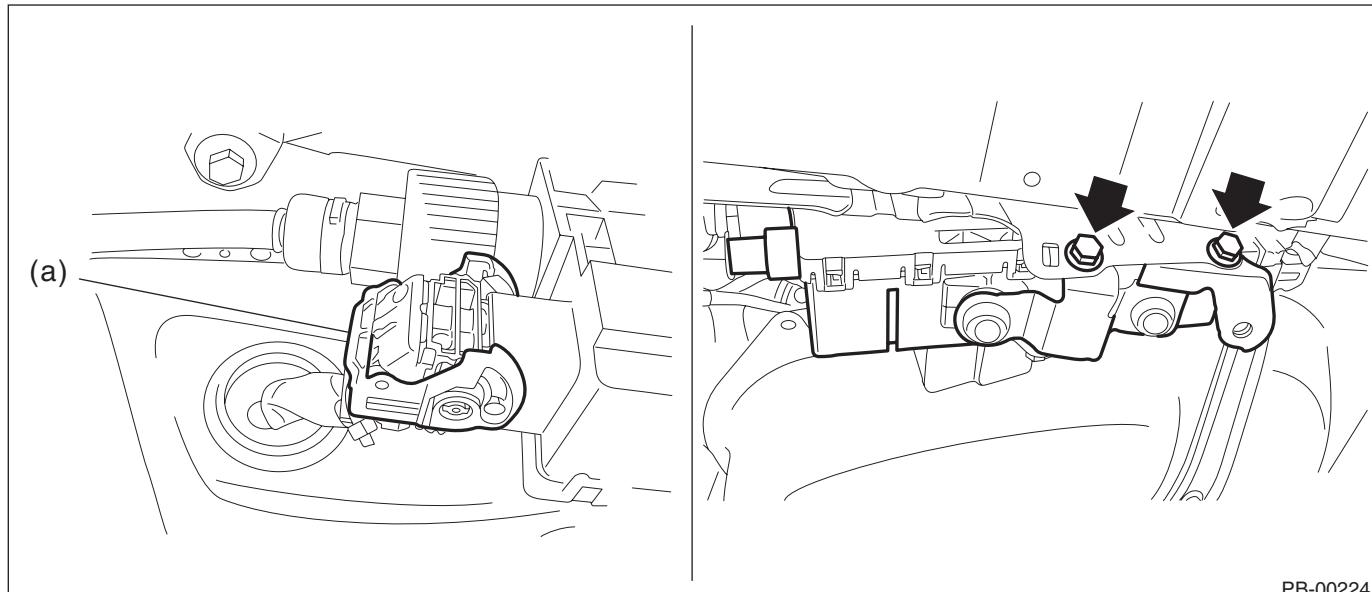


B: INSTALLATION

- 1) Install the parking brake actuator assembly.
 - (1) Connect the parking brake actuator connector.

CAUTION:

Securely lock the locking connector (a).



- (2) Install the parking brake actuator.

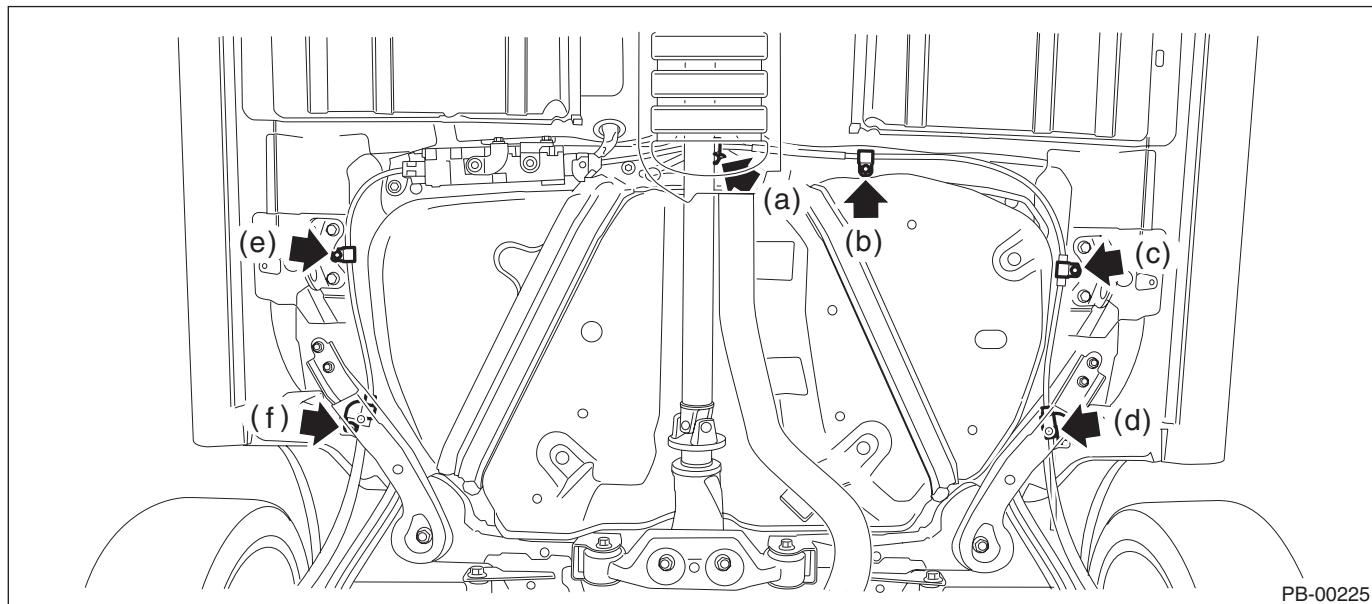
Tightening torque:

18 N·m (1.84 kgf·m, 13.3 ft-lb)

- (3) Check that the parking brake cable is not twisted, and install the cable clamps in the order of (a) to (f).

CAUTION:

- Perform the installation with the white line marking of the parking brake cable facing downward.
- Pay special attention to the cable clamps (d) and (f) because the cable is easy to be twisted due to these clamps.



Tightening torque:

18 N·m (1.84 kgf·m, 13.3 ft-lb)

- 2) Install each part in the reverse order of removal.

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- 3) Park the vehicle on a level ground with the four wheels on the ground.
- 4) Connect the Subaru Select Monitor to perform the following operations.
 - “Force Sensor Calibration Mode”: <Ref. to PB(diag)-18, FORCE SENSOR CALIBRATION MODE, OPERATION, Subaru Select Monitor.>
 - “Clutch Sensor Calibration Mode” (MT model only): <Ref. to PB(diag)-20, CLUTCH SENSOR CALIBRATION MODE, OPERATION, Subaru Select Monitor.>