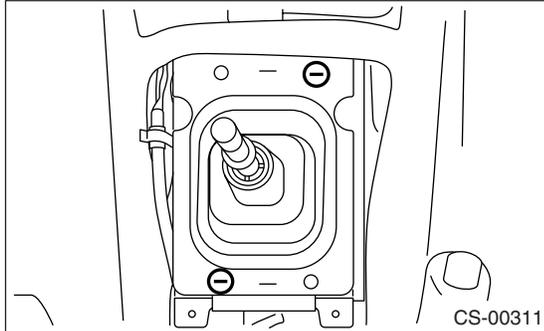


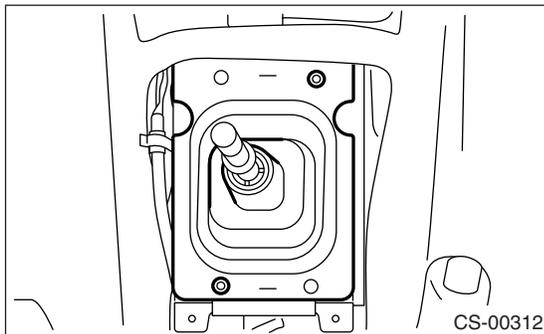
8. MT Gear Shift Lever

A: REMOVAL

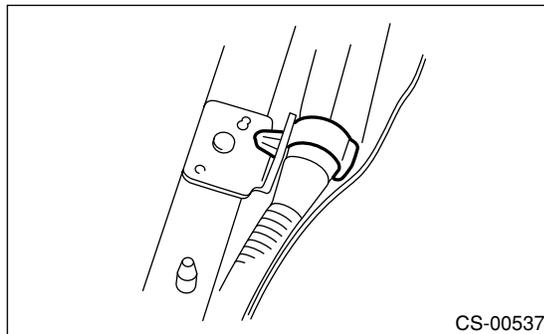
- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from battery.
- 3) Remove the gear shift knob.
- 4) Remove the console box. <Ref. to EI-53, REMOVAL, Console Box.>
- 5) Remove the clamp.



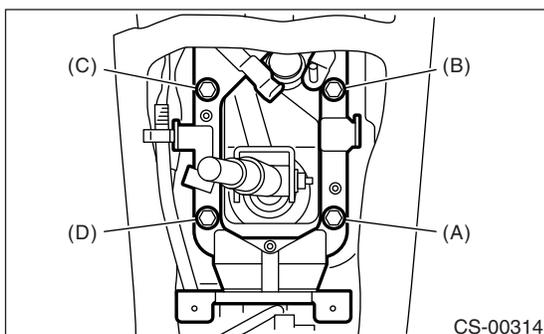
- 6) Remove the boot and insulator assembly.



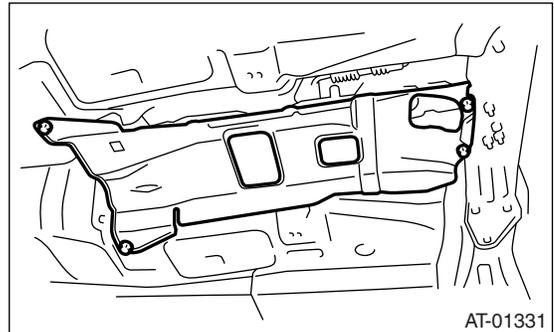
- 7) Remove the harness clamp from plate.



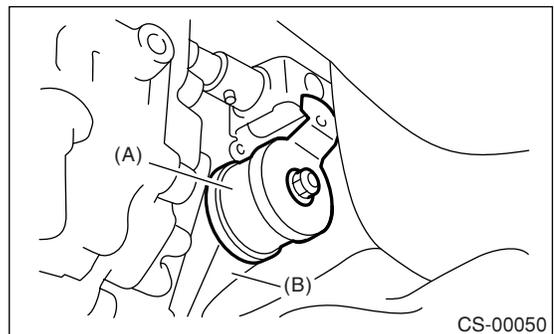
- 8) Remove the plate assembly from vehicle body.



- 9) Lift-up the vehicle.
- 10) Remove the rear exhaust pipe and muffler.
 - SOHC model
<Ref. to EX(H4SO)-8, REMOVAL, Rear Exhaust Pipe.> <Ref. to EX(H4SO)-10, REMOVAL, Muffler.>
 - DOHC turbo model
<Ref. to EX(H4DOTC)-12, REMOVAL, Rear Exhaust Pipe.> <Ref. to EX(H4DOTC)-11, REMOVAL, Joint Pipe.>
 - DOHC 3.0 L model
<Ref. to EX(H6DO)-7, REMOVAL, Rear Exhaust Pipe.> <Ref. to EX(H6DO)-9, REMOVAL, Muffler.>
- 11) Remove the heat shield cover.

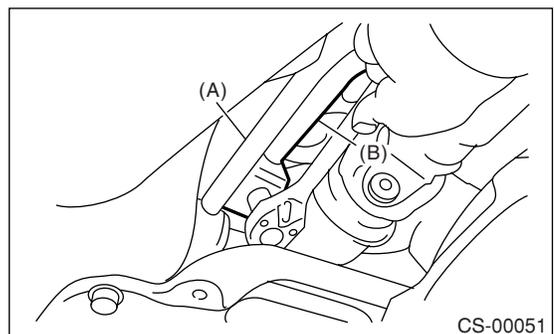


- 12) Remove the stay from transmission bracket.



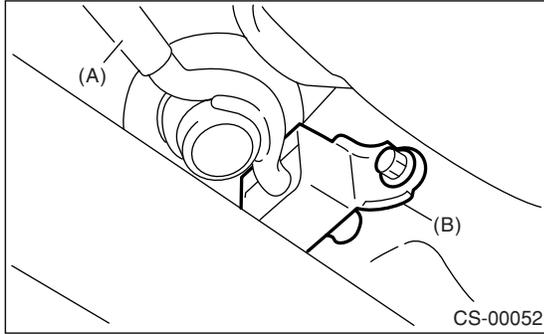
- (A) Stay
- (B) Transmission bracket

- 13) Remove the rod from joint.



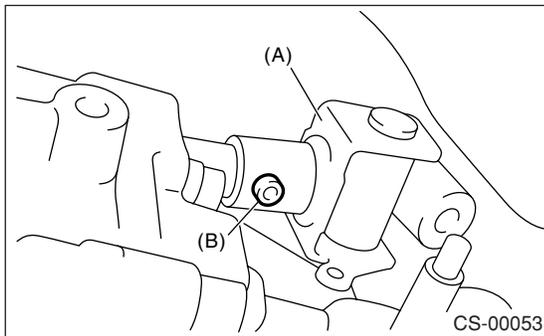
- (A) Stay
- (B) Rod

14) Remove the cushion rubber from vehicle body.



- (A) Stay
- (B) Cushion rubber

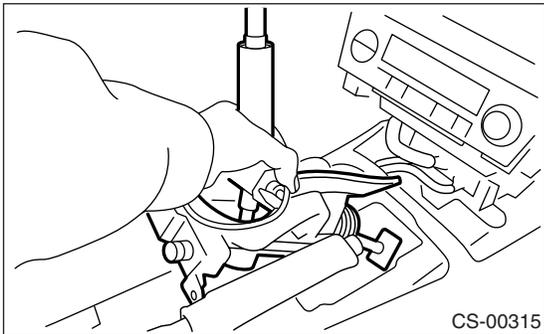
15) Extract the spring pin and remove the joint.



- (A) Joint
- (B) Spring pin

16) Lower the vehicle.

17) Remove the gear shift lever.

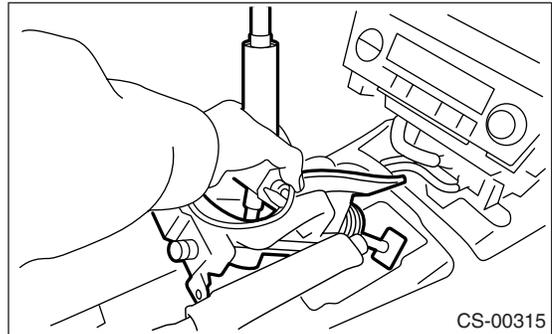


B: INSTALLATION

- 1) Install the joint to transmission and secure with spring pin.
- 2) Insert the gear shift lever from the room side.

NOTE:

Insert the rod and the stay, and then temporarily set them onto transmission mount.

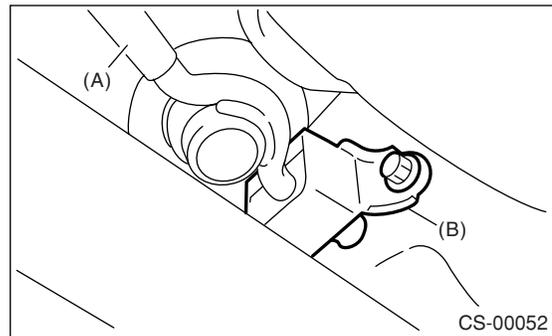


3) Lift-up the vehicle.

4) Mount the cushion rubber on the vehicle body.

Tightening torque:

18 N·m (1.8 kgf-m, 13.3 ft-lb)

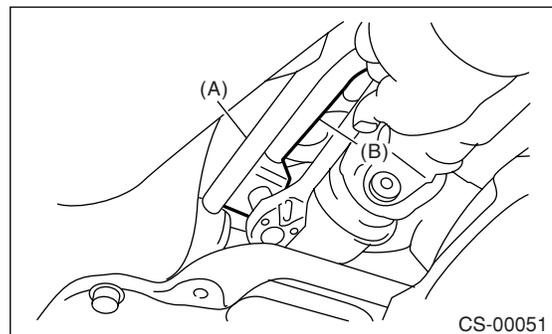


- (A) Stay
- (B) Cushion rubber

5) Using new self-locking nuts, connect the rod to the joint.

Tightening torque:

18 N·m (1.8 kgf-m, 13.3 ft-lb)



- (A) Stay
- (B) Rod

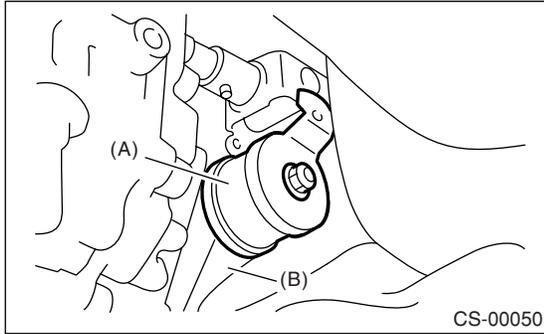
6) Using new self-locking nuts, connect the stay to transmission bracket.

MT Gear Shift Lever

CONTROL SYSTEMS

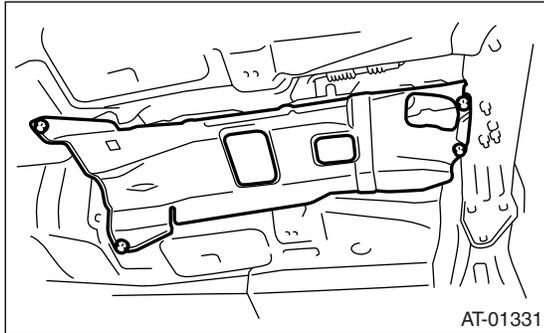
Tightening torque:

18 N·m (1.8 kgf·m, 13.3 ft·lb)



- (A) Stay
- (B) Transmission bracket

7) Install the heat shield cover.



8) Install the rear exhaust pipe and muffler.

- SOHC model
<Ref. to EX(H4SO)-8, INSTALLATION, Rear Exhaust Pipe.> <Ref. to EX(H4SO)-10, INSTALLATION, Muffler.>
- DOHC turbo model
<Ref. to EX(H4DOTC)-12, INSTALLATION, Rear Exhaust Pipe.> <Ref. to EX(H4DOTC)-13, INSTALLATION, Muffler.>
- DOHC 3.0 L model
<Ref. to EX(H6DO)-7, INSTALLATION, Rear Exhaust Pipe.> <Ref. to EX(H6DO)-9, INSTALLATION, Muffler.>

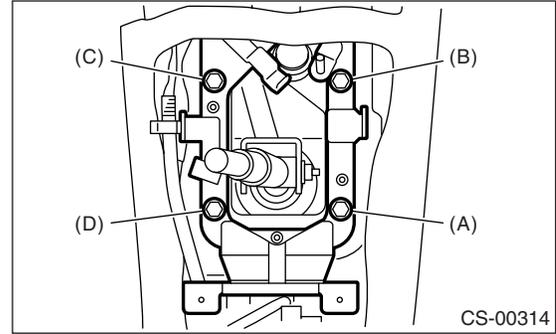
9) Install the plate assembly to vehicle body.

Tightening torque:

18 N·m (1.8 kgf·m, 13.3 ft·lb)

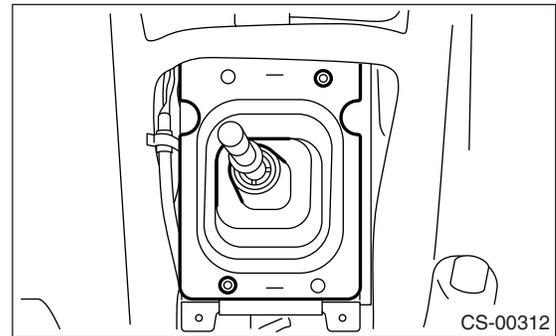
- (1) Set the plate assembly to vehicle.
- (2) Temporarily tighten the bolt (A).
- (3) Tighten the bolt (B).
- (4) Tighten the bolt (A).

(5) Tighten the bolts (C) and (D).



10) Install the harness clamp to plate.

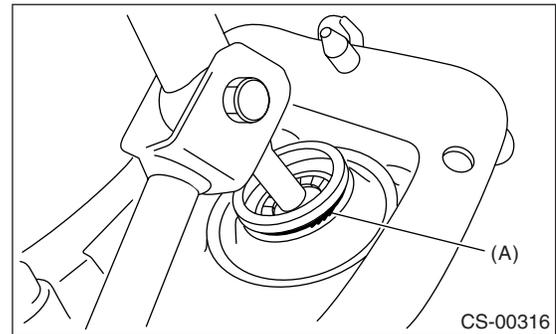
11) Install the boot and insulator assembly, and secure them with clamp.



12) Install the console box. <Ref. to EI-53, INSTALLATION, Console Box.>

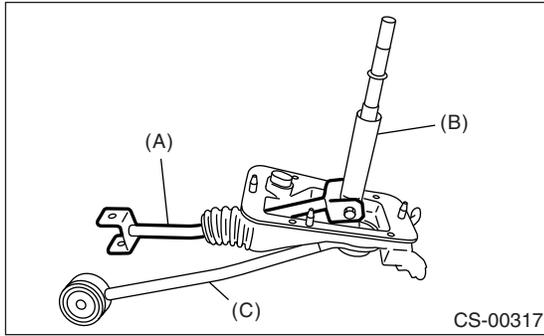
C: DISASSEMBLY

1) Remove the lock wires.



- (A) Lock wire

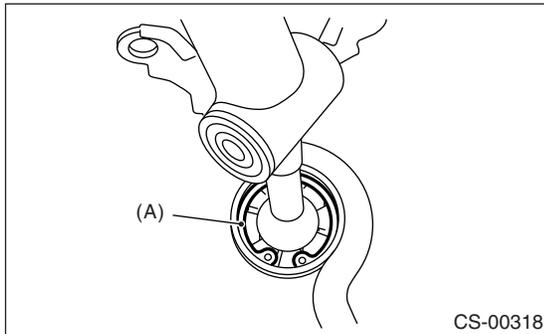
2) Remove the rod from lever.



- (A) Rod
- (B) Lever
- (C) Stay

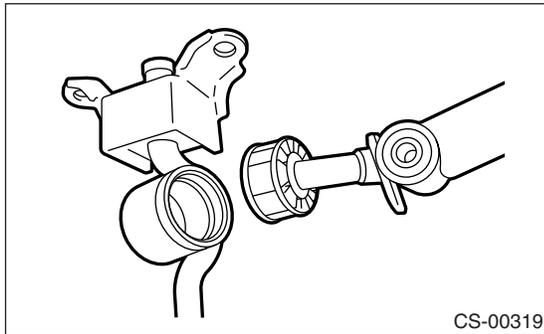
3) Separate the rod and inner boot.

4) Remove the snap ring from the stay.



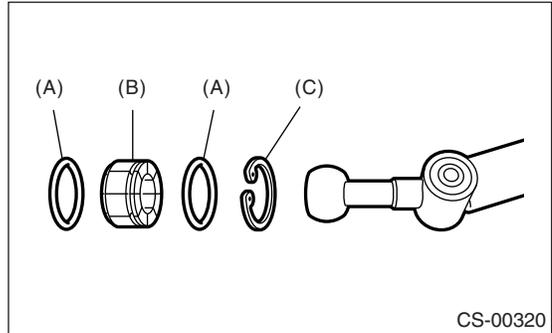
- (A) Snap ring

5) Separate the gear shift lever and the stay.



CS-00319

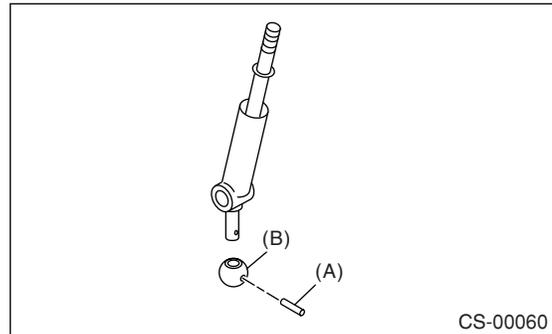
6) Remove the boot, bushing and snap ring from gear shift lever.



CS-00320

- (A) O-ring
- (B) Bushing
- (C) Snap ring

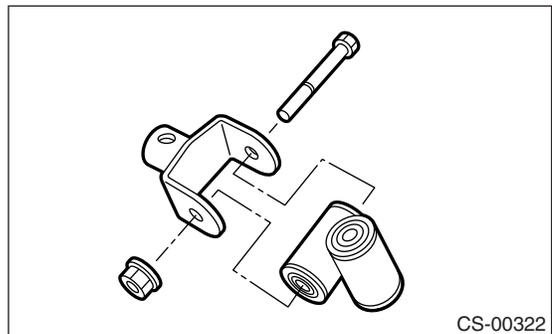
7) Remove the spring pin, and then remove the bushing and snap ring.



CS-00060

- (A) Spring pin
- (B) Bushing

8) Remove the boss from the joint.

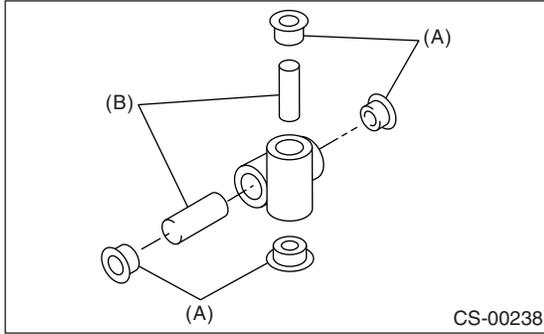


CS-00322

MT Gear Shift Lever

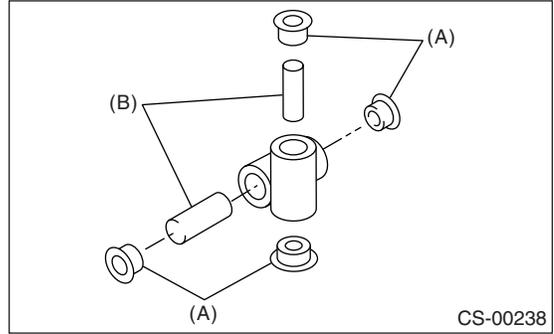
CONTROL SYSTEMS

9) Remove the bushing and spacer from boss.



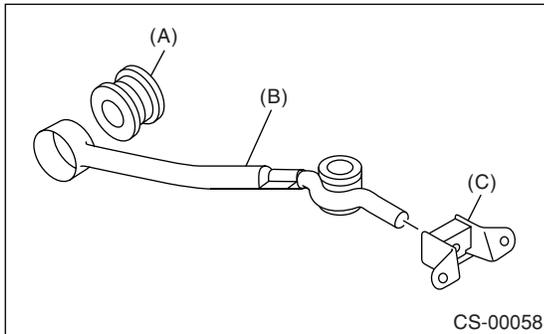
- (A) Bushing
- (B) Spacer

2) Install the bushing and spacer to boss.



- (A) Bushing
- (B) Spacer

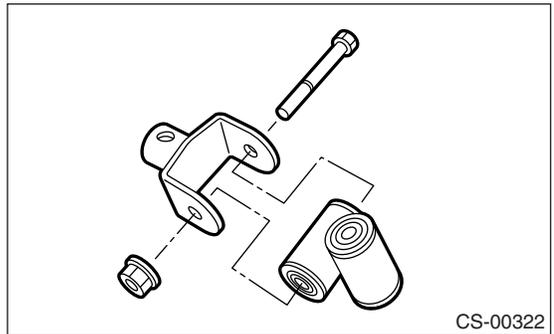
10) Remove the bushing and cushion rubber from the stay.



- (A) Bushing
- (B) Stay
- (C) Cushion rubber

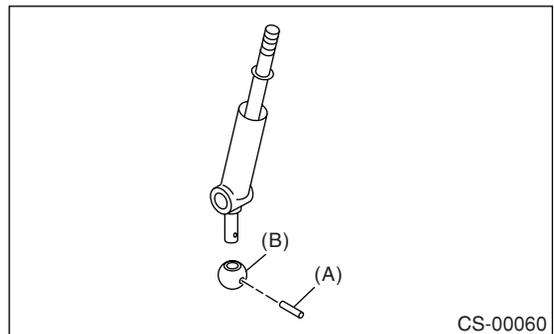
3) Using new self-locking nuts, install the boss to the joint.

Tightening torque:
18 N·m (1.8 kgf-m, 13.3 ft-lb)



4) Install the snap ring to gear shift lever and install the bushing.

NOTE:
 Apply grease to the bushing.



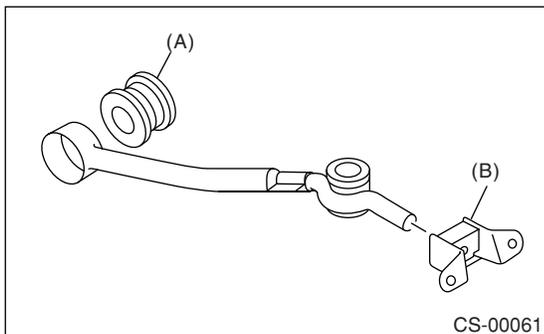
- (A) Spring pin
- (B) Bushing

D: ASSEMBLY

NOTE:

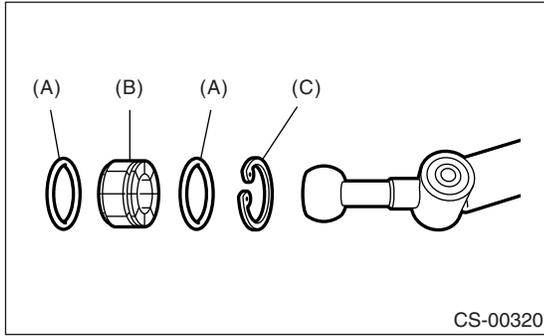
- Clean all the parts before assembly.
- Apply grease [SUNLIGHT 2 (Part No. 003602010) or equivalent] to each part.

1) Mount the bushing and cushion rubber on the stay.



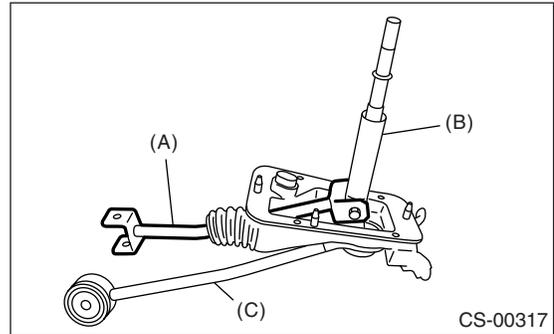
- (A) Bushing
- (B) Cushion rubber

5) Apply grease to the bushing and O-ring, and then install to the gear shift lever.



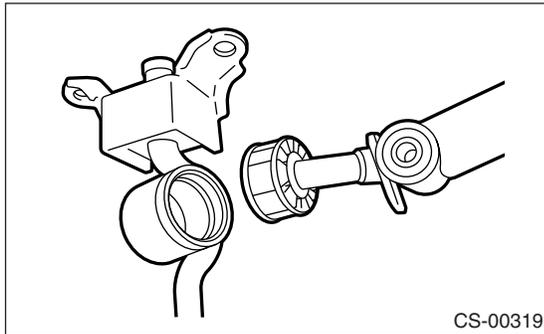
- (A) O-ring
- (B) Bushing
- (C) Snap ring

Tightening torque:
12 N·m (1.2 kgf-m, 8.9 ft-lb)

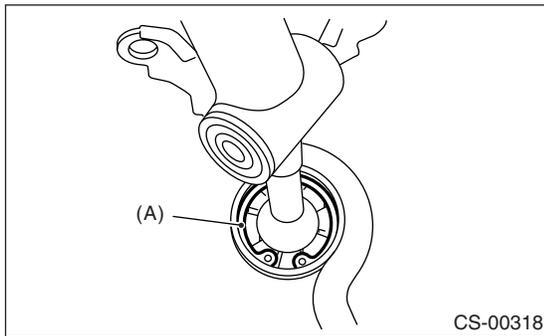


- (A) Rod
- (B) Lever
- (C) Stay

6) Apply sufficient grease into boss, and then install the gear shift lever to the stay.



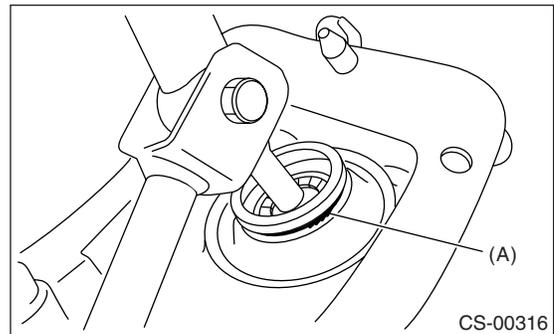
7) Install the washer and snap ring.



- (A) Snap ring

8) Insert the gear shift lever and rod into boot hole.
 9) Install the rod.

10) Install a new lock wire.



- (A) Lock wire

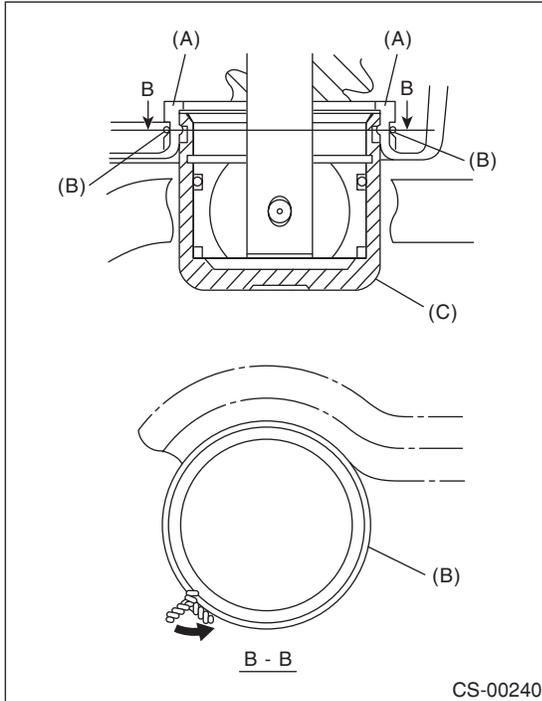
NOTE:

- Install the lock wire to the stay groove.

MT Gear Shift Lever

CONTROL SYSTEMS

- Bend the extra wire to same direction of lock wire winding.

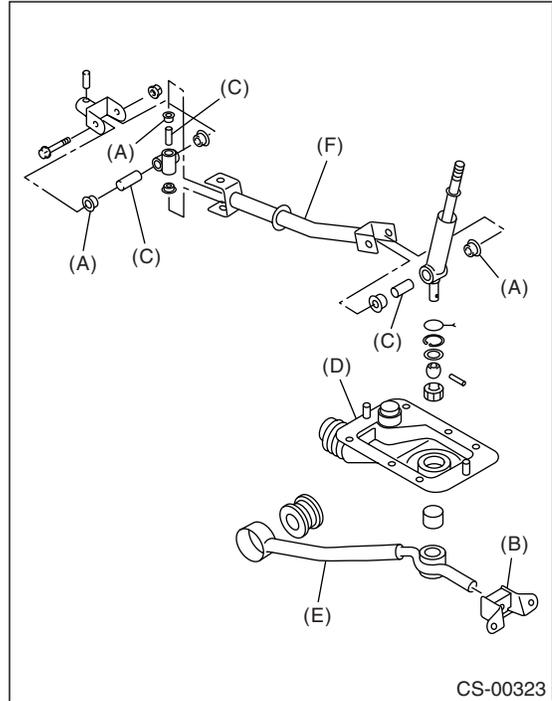


- (A) Inner boot
- (B) Lock wire
- (C) Stay

E: INSPECTION

1) Check the parts (bushing, cushion rubber, spacer, boot, stay and rod, etc.) for deformation, damage and wear. If necessary, repair or replace faulty

parts. Compare the removed parts with new ones to judge if there are damages or not.

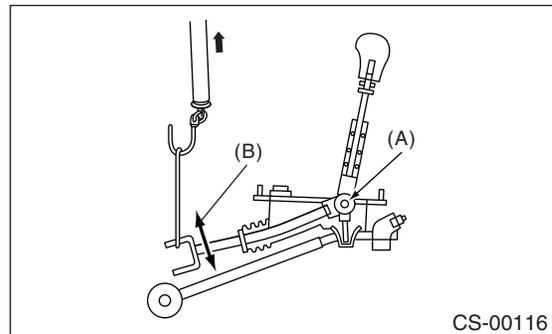


- (A) Bushing
- (B) Cushion rubber
- (C) Spacer
- (D) Boot
- (E) Stay
- (F) Rod

2) Check the swing torque of rod linked with the gear shift lever.
If the torque exceeds the specifications, replace the bushing or retighten nuts.

Swing torque:

Less than 3.7 N (0.38 kgf, 0.84 lb)



- (A) Pivot
- (B) Swing torque