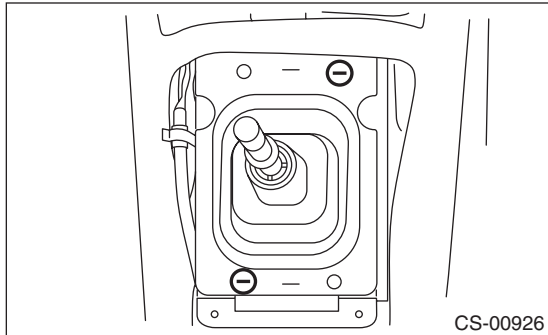


2. MT Gear Shift Lever

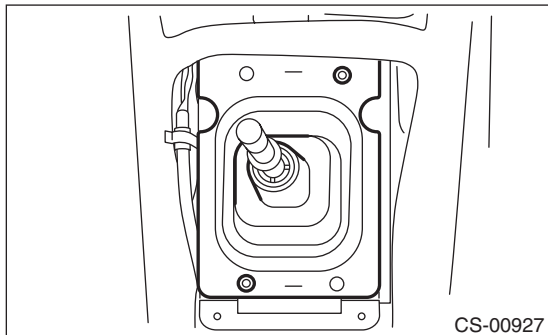
A: REMOVAL

1. STI MODEL

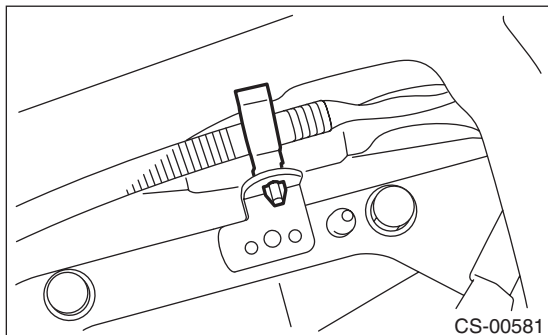
- 1) Disconnect the ground cable from battery.
- 2) Remove the gear shift knob.
- 3) Remove the console box. <Ref. to EI-51, REMOVAL, Console Box.>
- 4) Remove the console side cover and console front panel. <Ref. to EI-52, CONSOLE FRONT PANEL, REMOVAL, Center Console.>
- 5) Remove the clamp.



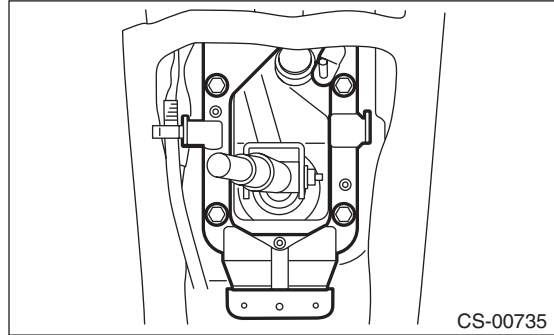
- 6) Remove the boot and insulator assembly.



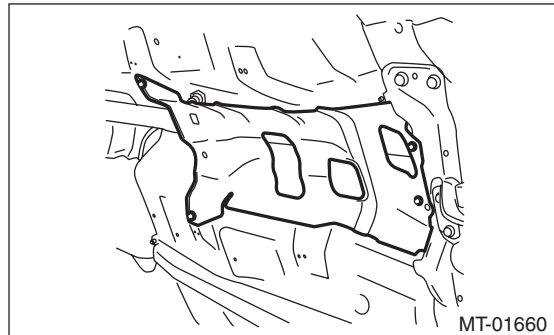
- 7) Remove the harness clamp from the plate COMPL.



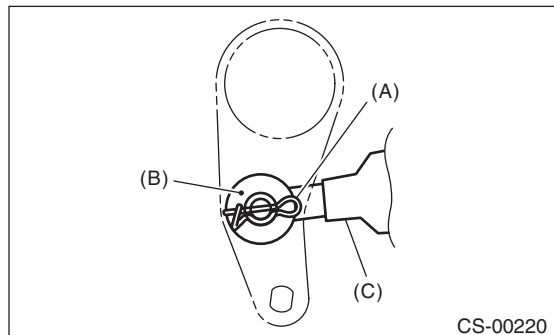
- 8) Remove the plate COMPL from the body.



- 9) Lift up the vehicle.
- 10) Remove the under cover.
- 11) Remove the center exhaust pipe. <Ref. to EX(STI)-8, REMOVAL, Center Exhaust Pipe.>
- 12) Remove the heat shield cover.



- 13) Remove the crossmember. <Ref. to 6MT-29, REMOVAL, Transmission Mounting System.>
- 14) Remove the snap pin and washer, and remove the reverse check cable from the reverse check lever.

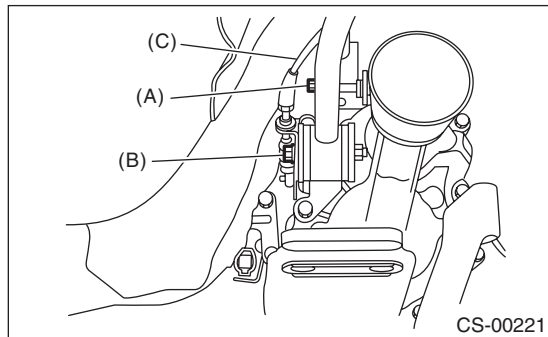


- (A) Snap pin
- (B) Washer
- (C) Reverse check cable

15) Move the transmission to the right side, and remove the joint COMPL, stay bolts and reverse check cable.

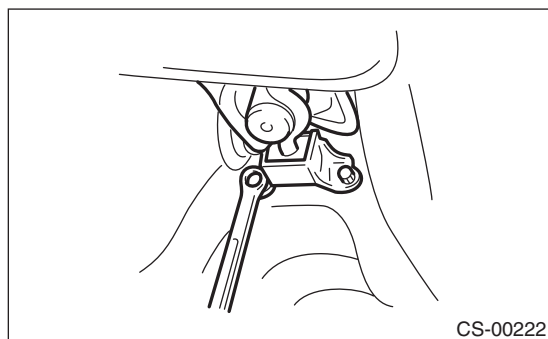
NOTE:

If the transmission is not moved aside, the joint COMPL and stay bolts may contact the body and cause damage.



- (A) Joint COMPL bolt
- (B) Stay bolt
- (C) Reverse check cable

16) Remove the cushion rubber from the body.



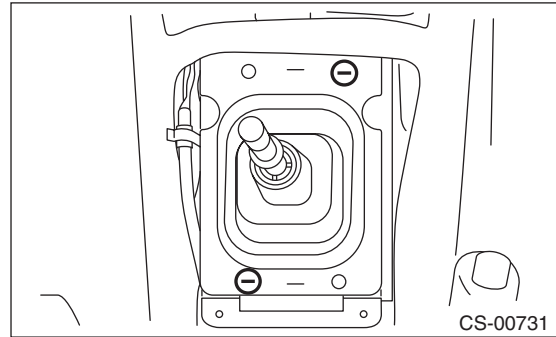
17) Lower the vehicle.

18) Remove the gear shift lever.

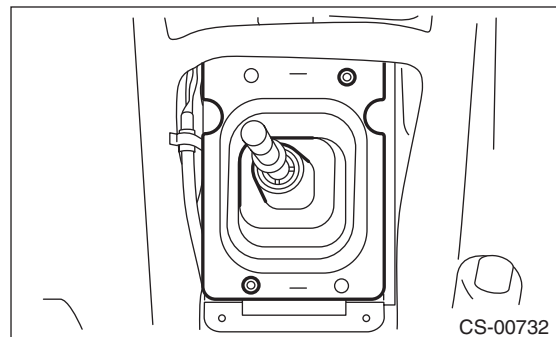
2. EXCEPT FOR STI MODEL

- 1) Disconnect the ground cable from battery.
- 2) Remove the gear shift knob.
- 3) Remove the console box. <Ref. to EI-51, REMOVAL, Console Box.>
- 4) Remove the console side cover and console front panel. <Ref. to EI-52, CONSOLE FRONT PANEL, REMOVAL, Center Console.>

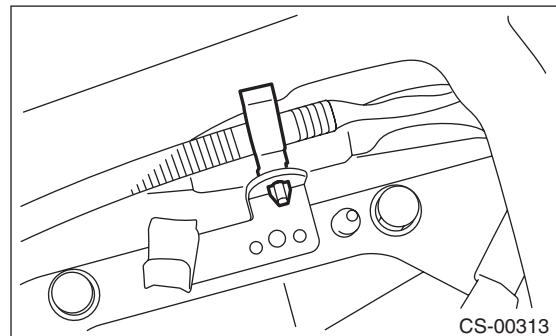
5) Remove the clamp.



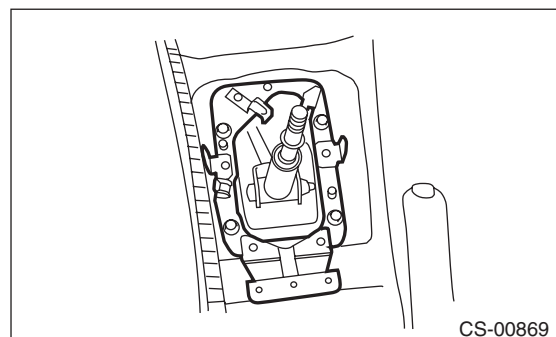
6) Remove the boot and insulator assembly.



7) Remove the harness clamp from the plate COMPL.



8) Remove the plate COMPL from the vehicle body.



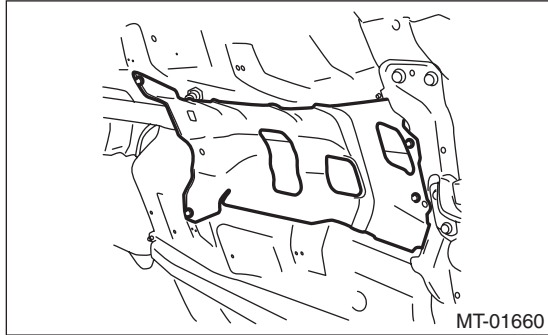
9) Lift up the vehicle.

10) Remove the center exhaust pipe (rear). <Ref. to EX(w/o STI)-2, General Description.>

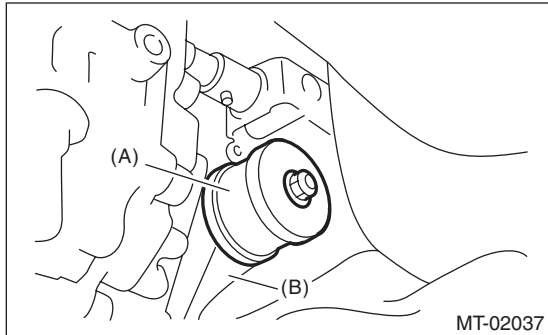
MT Gear Shift Lever

CONTROL SYSTEMS

11) Remove the heat shield cover.

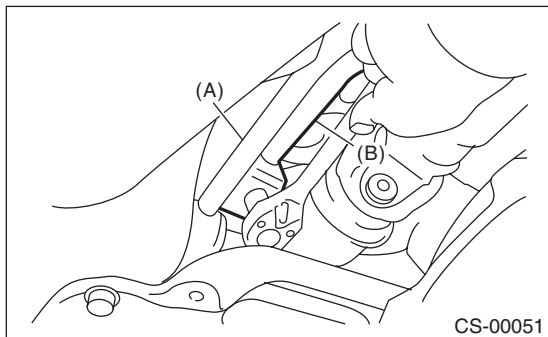


12) Remove the stay from transmission bracket.



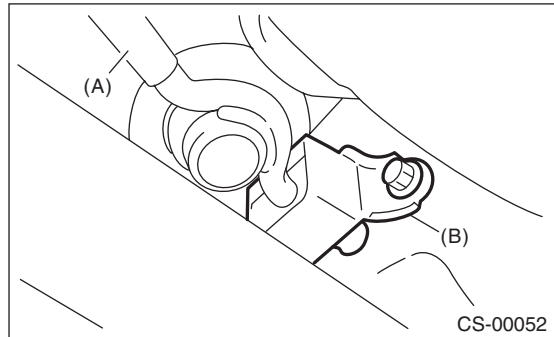
- (A) Stay
- (B) Transmission bracket

13) Remove the rod from joint.



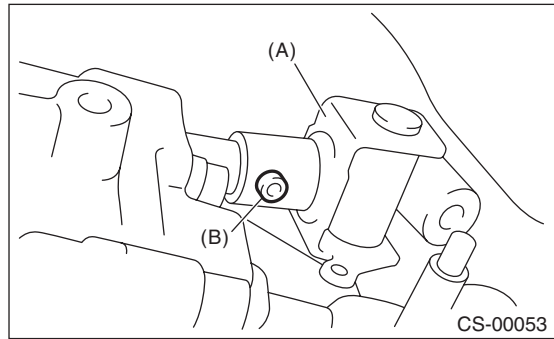
- (A) Stay
- (B) Rod

14) Remove the cushion rubber from the vehicle body.



- (A) Stay
- (B) Cushion rubber

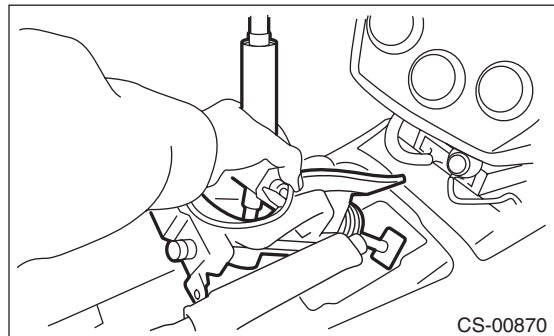
15) Extract the spring pin and remove the joint.



- (A) Joint
- (B) Spring pin

16) Lower the vehicle.

17) Remove the gear shift lever.



B: INSTALLATION

1. STI MODEL

1) Insert the gear shift lever from the room side.

NOTE:

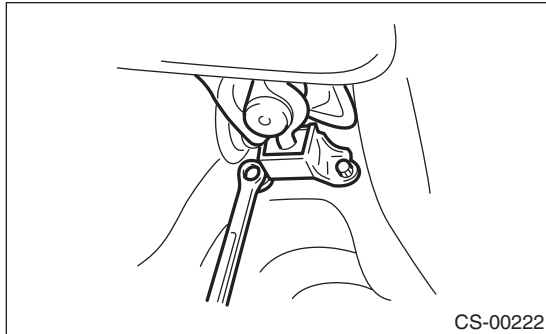
After inserting the rod and stay, temporarily put them onto transmission mount.

2) Lift up the vehicle.

3) Mount the cushion rubber on the body.

Tightening torque:

18 N·m (1.8 kgf-m, 13.3 ft-lb)

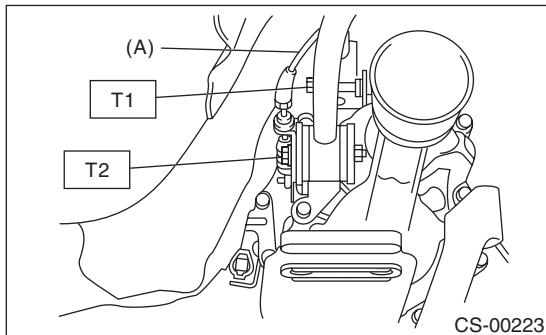


4) Move the transmission to the right side of the vehicle, and install the joint COMPL and stay.

Tightening torque:

T1: 12 N·m (1.2 kgf-m, 8.9 ft-lb)

T2: 32 N·m (3.3 kgf-m, 23.6 ft-lb)

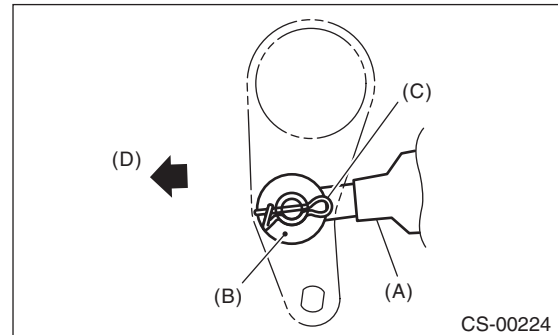


(A) Reverse check cable

5) Install the reverse check cable, washer and snap pin to the reverse check lever.

NOTE:

Pay attention to the installing direction of the snap ring.

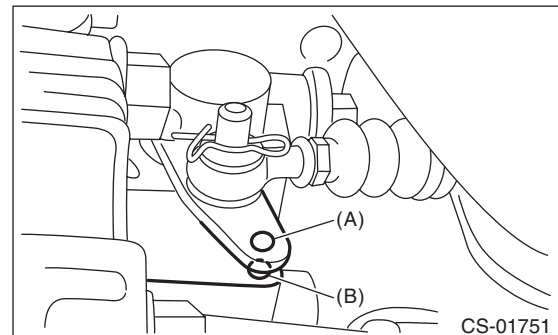


- (A) Reverse check cable
- (B) Washer
- (C) Snap pin
- (D) Front side

6) Make sure the hole of extension case is aligned with that of reverse check lever. If the hole positions are not aligned, adjust the reverse check cable. <Ref. to CS-27, ADJUSTMENT, Reverse Check Cable.>

NOTE:

- Check that the M3 bolt goes through the hole of reverse check lever and can be inserted into the hole of extension case.
- When checking visually, confirm that the gap of hole positions is 0.5 mm (0.02 in) or less.



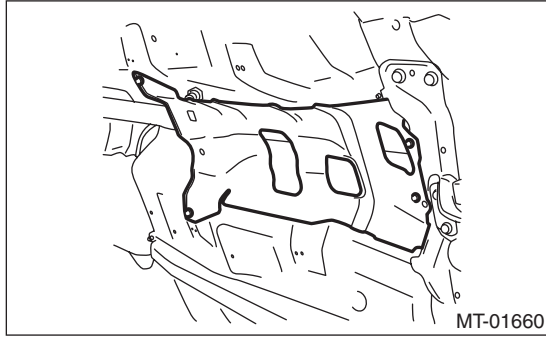
- (A) Hole of reverse check lever
- (B) Hole of extension case

7) Install the crossmember. <Ref. to 6MT-29, INSTALLATION, Transmission Mounting System.>

MT Gear Shift Lever

CONTROL SYSTEMS

8) Install the heat shield cover.



9) Install the center exhaust pipe. <Ref. to EX(w/o STI)-2, General Description.>

10) Install the under cover.

11) Install the plate COMPL.

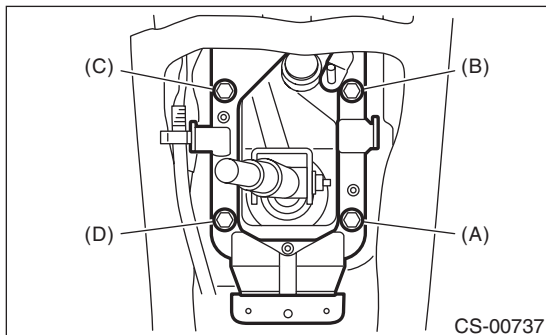
NOTE:

Be careful not to twist the inner boot when installing.

Tightening torque:

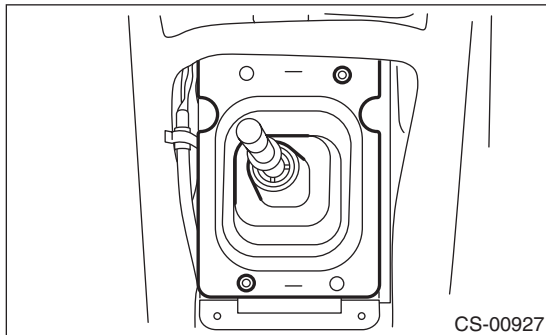
18 N·m (1.8 kgf-m, 13.3 ft-lb)

- (1) Set the plate COMPL to the vehicle.
- (2) Temporarily tighten the bolt (A).
- (3) Tighten the bolt (B).
- (4) Tighten the bolt (A).
- (5) Tighten the bolts (C) and (D).



12) Install the harness clamp to the plate COMPL.

13) Install the boot and insulator assembly, and secure with a clamp.



14) Install the console side cover and console front panel. <Ref. to EI-54, INSTALLATION, Center Console.>

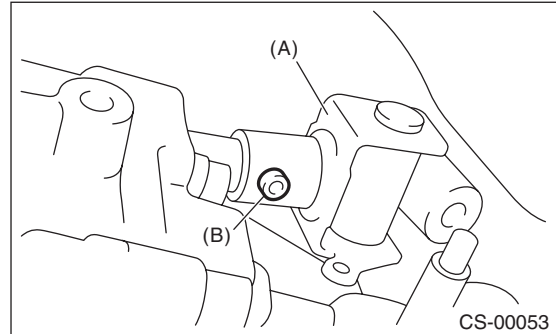
15) Install the console box. <Ref. to EI-51, INSTALLATION, Console Box.>

16) Install the gear shift knob.

17) Make sure the gears can be shifted accurately into each gear.

2. EXCEPT FOR STI MODEL

1) Install the joint to the transmission and secure with a spring pin.



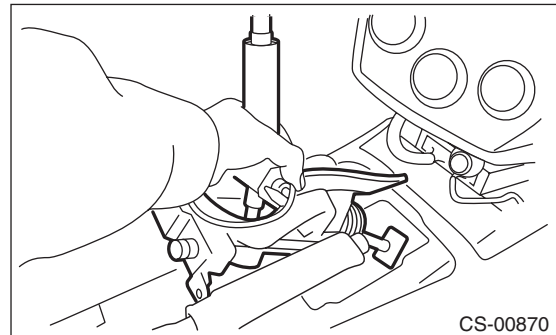
(A) Joint

(B) 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 the transmission mount.

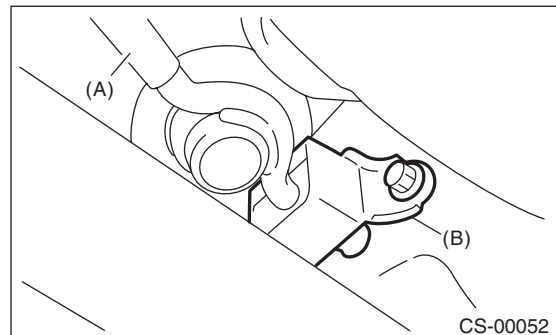


3) Lift up the vehicle.

4) Mount the cushion rubber on the vehicle body.

Tightening torque:

18 N·m (1.8 kgf-m, 13.3 ft-lb)



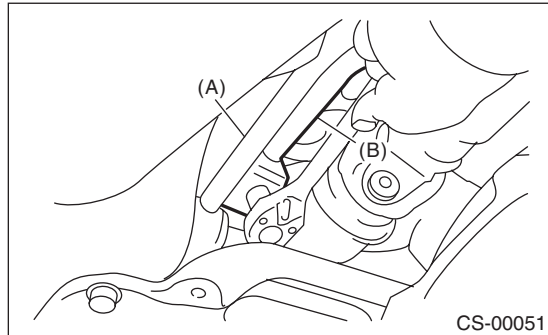
(A) Stay

(B) Cushion rubber

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

Tightening torque:

12 N·m (1.2 kgf-m, 8.9 ft-lb)

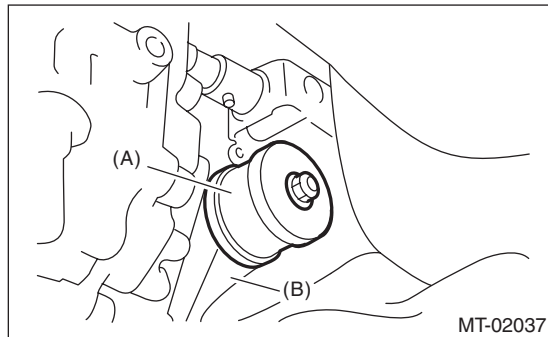


- (A) Stay
- (B) Rod

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

Tightening torque:

18 N·m (1.8 kgf-m, 13.3 ft-lb)



- (A) Stay
- (B) Transmission bracket

7) Install the heat shield cover. <Ref. to EI-74, INSTALLATION, Heat Shield Cover.>

8) Install the center exhaust pipe (rear). <Ref. to EX(w/o STI)-2, General Description.>

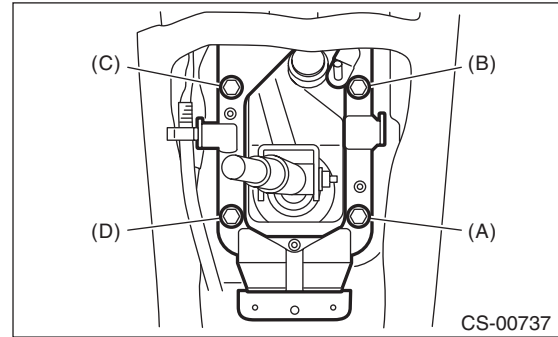
9) Install the plate COMPL to the body.

Tightening torque:

18 N·m (1.8 kgf-m, 13.3 ft-lb)

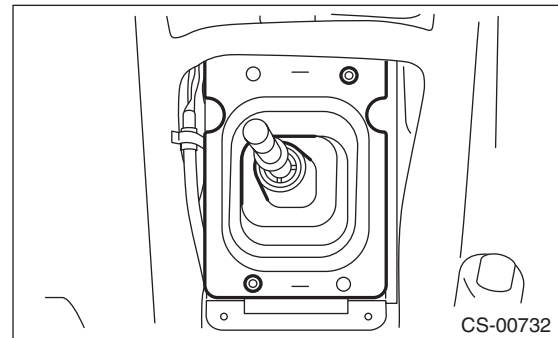
- (1) Set the plate COMPL to the vehicle.
- (2) Temporarily tighten the bolt (A).
- (3) Tighten the bolt (B).
- (4) Tighten the bolt (A).

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



10) Install the harness clamp to the plate.

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



12) Install the console side cover and console front panel. <Ref. to EI-54, INSTALLATION, Center Console.>

13) Install the console box. <Ref. to EI-51, INSTALLATION, Console Box.>

14) Install the gear shift knob.

15) Make sure the gears can be shifted accurately into each gear.

16) Connect the battery ground terminal.

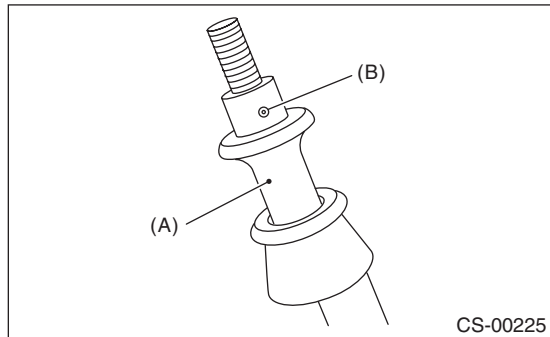
MT Gear Shift Lever

CONTROL SYSTEMS

C: DISASSEMBLY

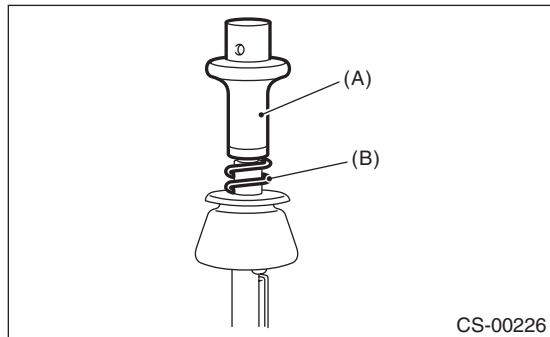
1. STI MODEL

1) Remove the spring pin from the slider.



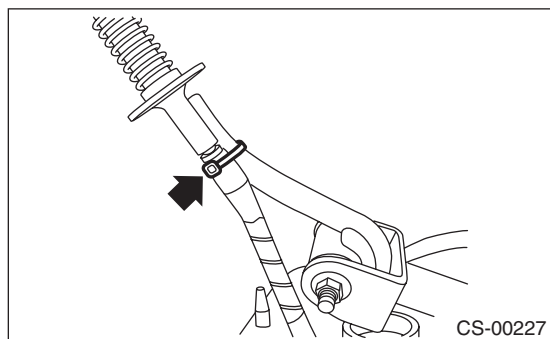
- (A) Slider
- (B) Spring pin

2) Remove the slider and spring.

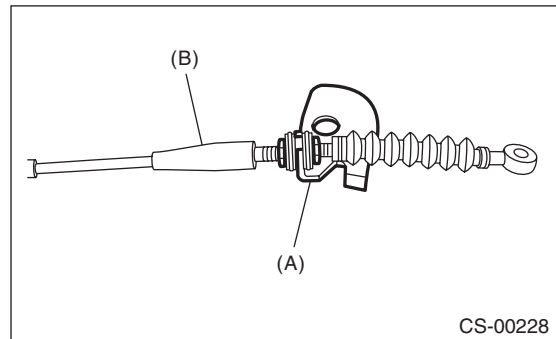


- (A) Slider
- (B) Spring

3) Cut off the band clip.

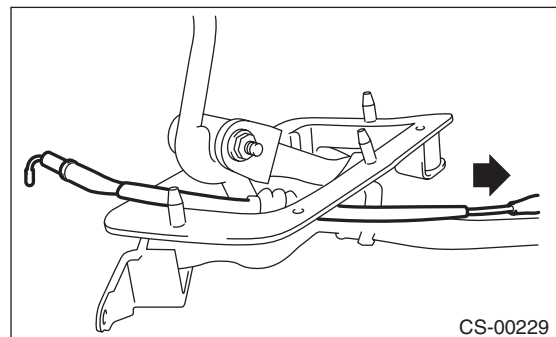


4) Remove the reverse check cable from the cable plate.

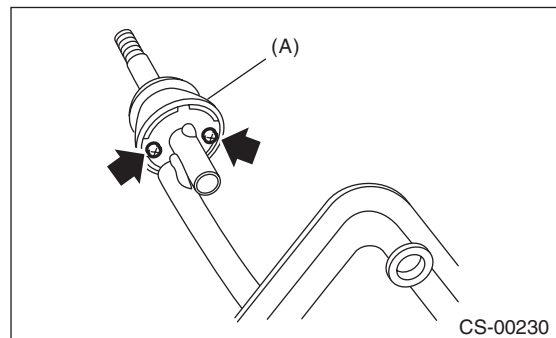


- (A) Cable plate
- (B) Reverse check cable

5) Remove the reverse check cable from the gear shift assembly.



6) Remove the holder and spring.

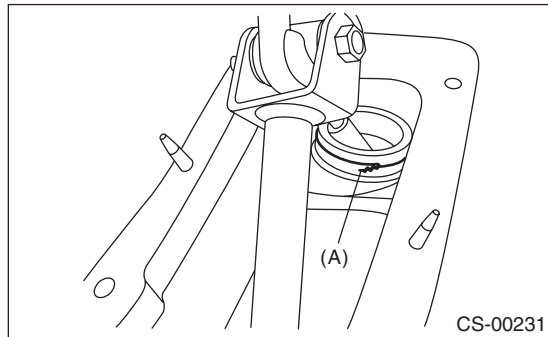


- (A) Holder

7) Disassemble the lock wire.

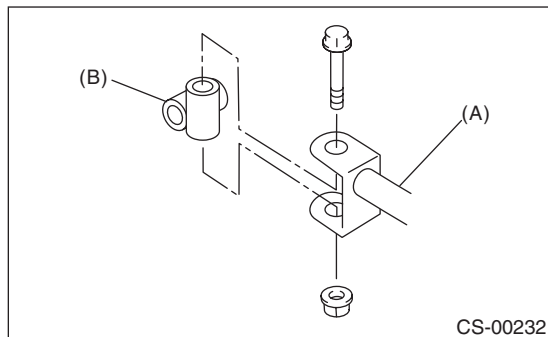
NOTE:

Do not reuse the lock wire.



(A) Lock wire

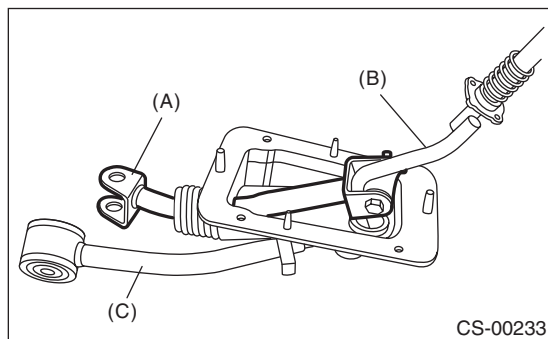
8) Remove the boss from the rod.



(A) Rod

(B) Boss

9) Remove the rod from lever.



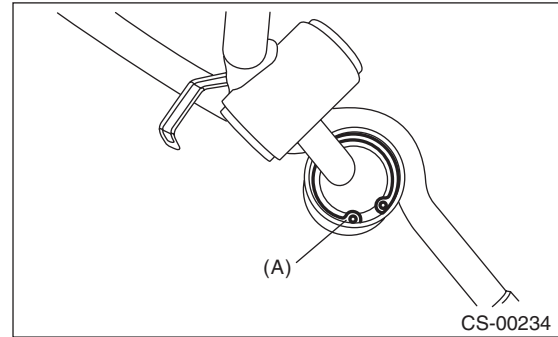
(A) Rod

(B) Lever

(C) Stay

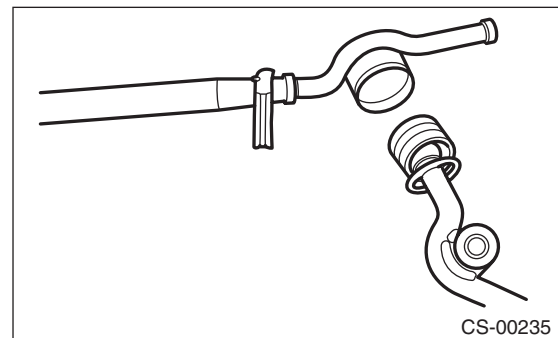
10) Separate the rod and inner boot.

11) Remove the snap ring from the stay.

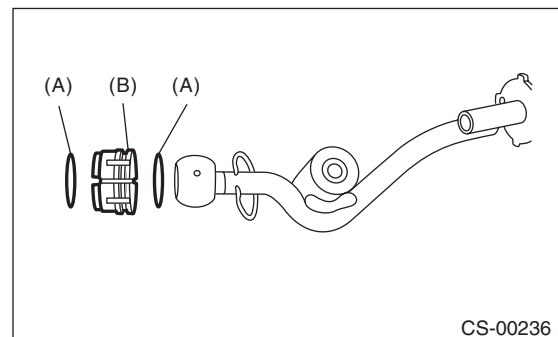


(A) Snap ring

12) Separate the gear shift lever and the stay.



13) Remove the O-ring and bushing from the gear shift lever.



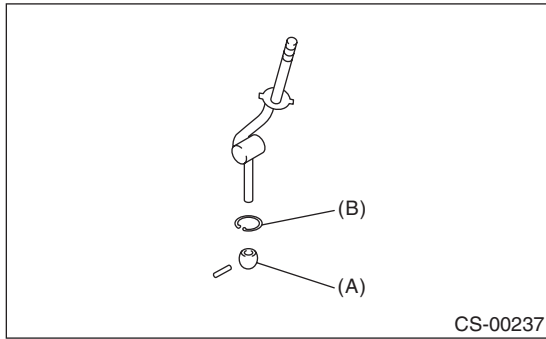
(A) O-ring

(B) Bushing

MT Gear Shift Lever

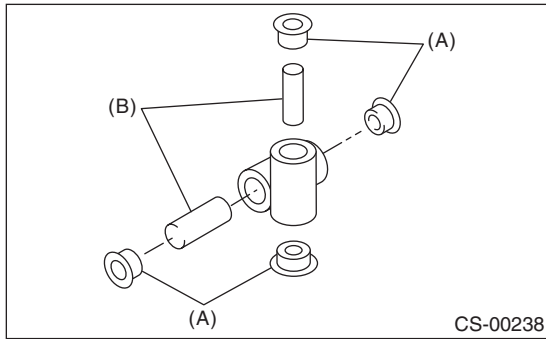
CONTROL SYSTEMS

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



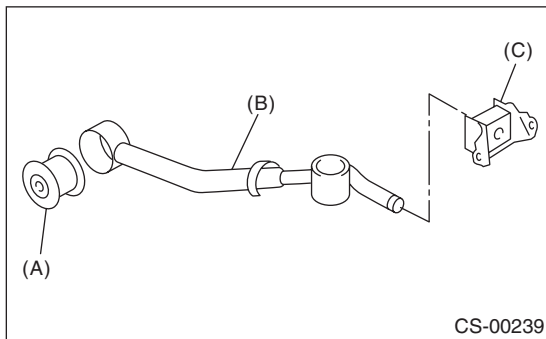
- (A) Bushing
- (B) Snap ring

15) Remove the bushing and spacer from the boss.



- (A) Bushing
- (B) Spacer

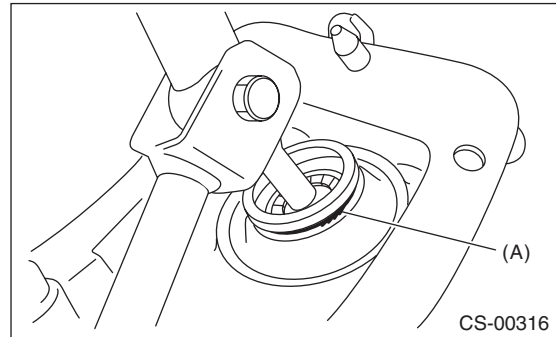
16) Remove the bushing and cushion rubber from the stay.



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

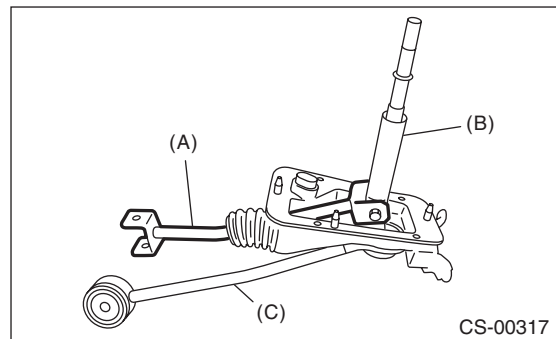
2. EXCEPT FOR STI MODEL

1) Remove the lock wires.



- (A) Lock wire

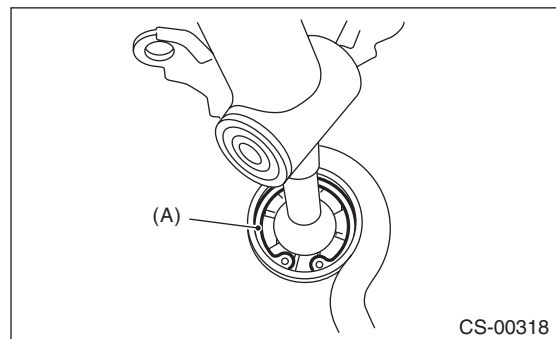
2) Remove the rod from lever.



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

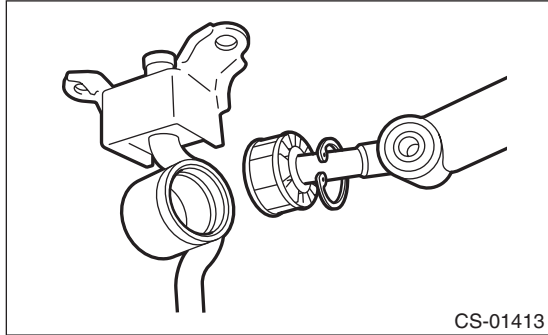
3) Separate the rod and inner boot.

4) Remove the snap ring from the stay.

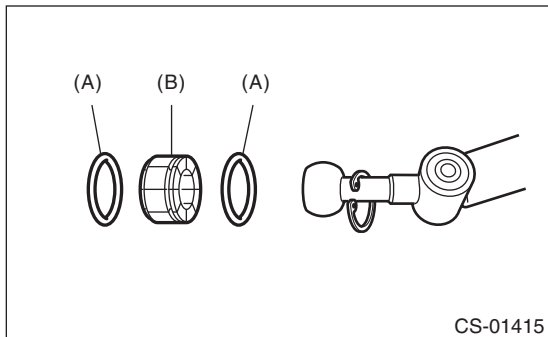


- (A) Snap ring

5) Separate the gear shift lever and the stay.

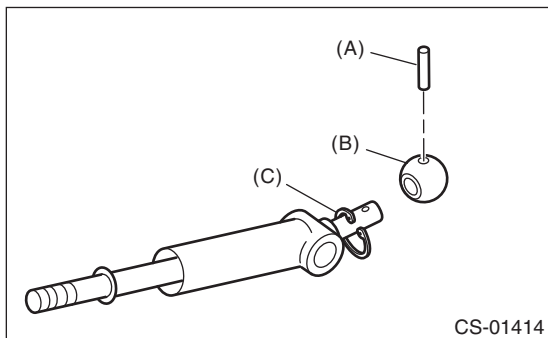


6) Remove the O-ring and bushing from the gear shift lever.



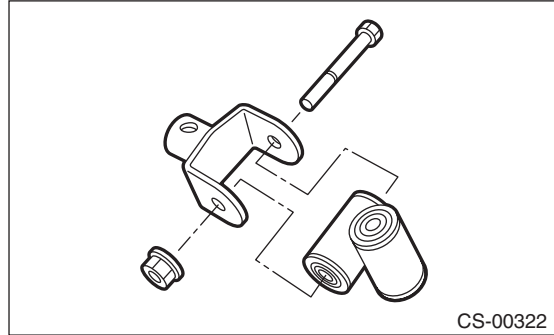
- (A) O-ring
- (B) Bushing

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

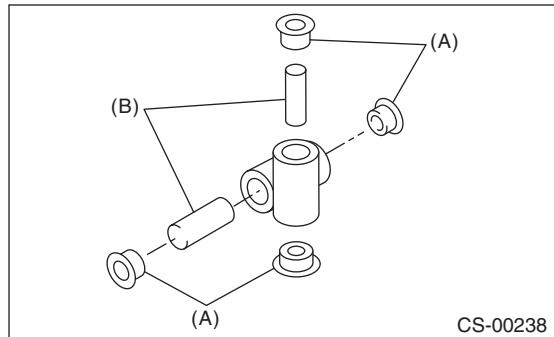


- (A) Spring pin
- (B) Bushing
- (C) Snap ring

8) Remove the boss from the joint.

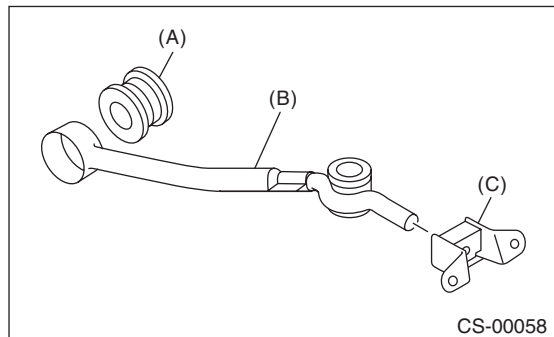


9) Remove the bushing and spacer from the boss.



- (A) Bushing
- (B) Spacer

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



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

MT Gear Shift Lever

CONTROL SYSTEMS

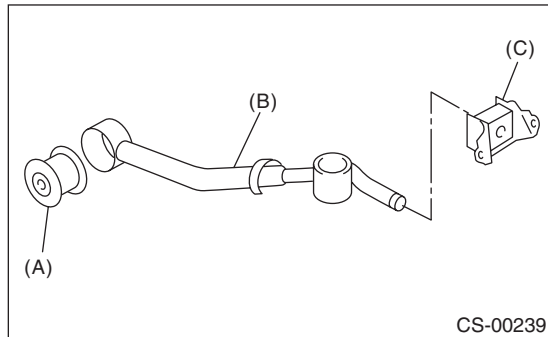
D: ASSEMBLY

NOTE:

- Clean all the parts before assembly.
- Apply NIGTIGHT LYW No. 2 grease or equivalent to each part. <Ref. to CS-3, 6MT GEAR SHIFT LEVER, COMPONENT, General Description.>

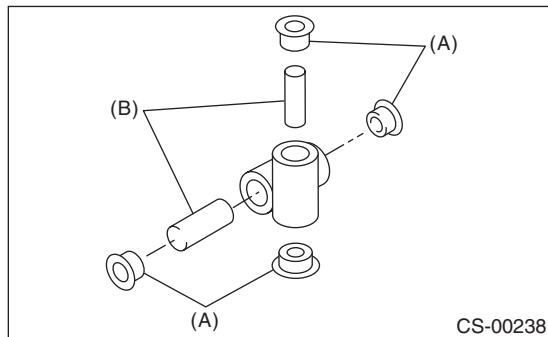
1. STI MODEL

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



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

2) Install the bushing and spacer to boss.

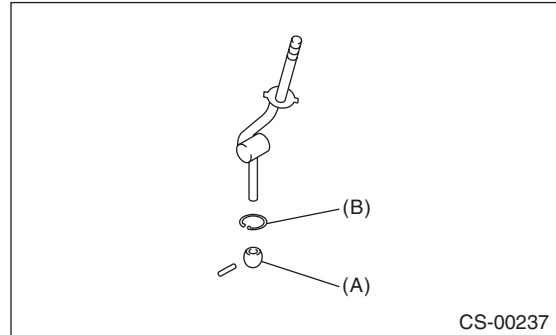


- (A) Bushing
(B) Spacer

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

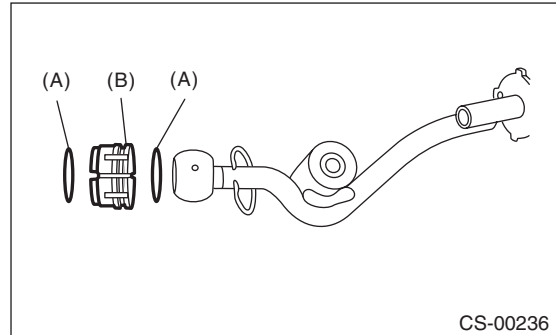
NOTE:

Apply grease to the bushing.



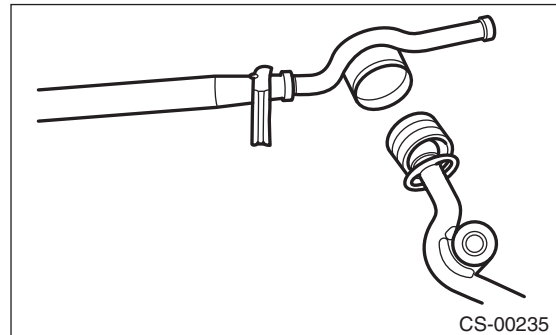
- (A) Bushing
(B) Snap ring

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

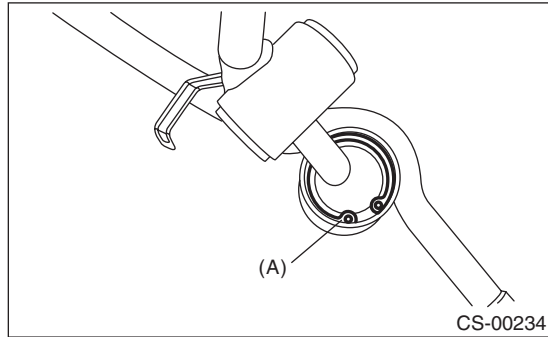


- (A) O-ring
(B) Bushing

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



6) Install the snap ring.



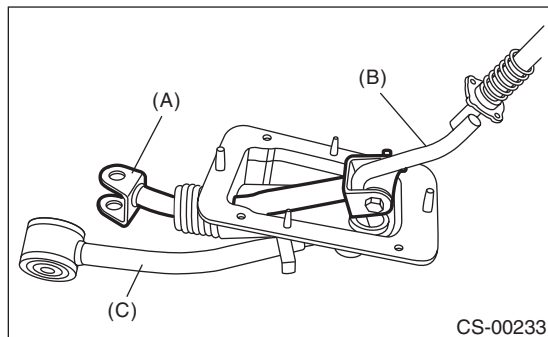
(A) Snap ring

7) Insert the gear shift lever and rod into boot hole.

8) Install the rod.

Tightening torque:

12 N·m (1.2 kgf-m, 8.9 ft-lb)

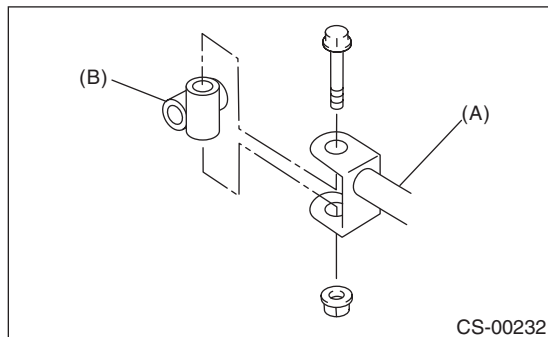


(A) Rod
(B) Lever
(C) Stay

9) Install the boss to the rod.

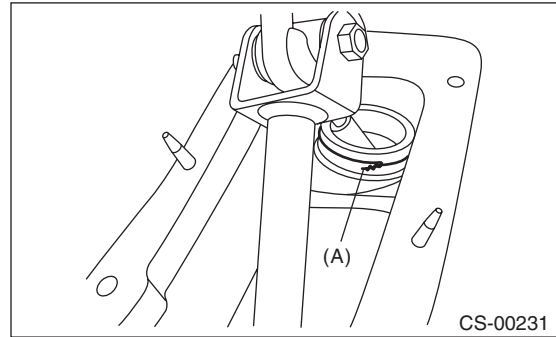
Tightening torque:

12 N·m (1.2 kgf-m, 8.9 ft-lb)



(A) Rod
(B) Boss

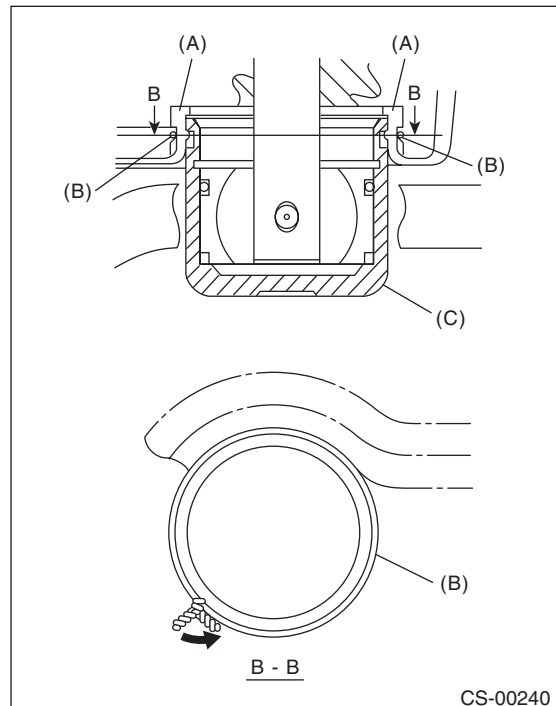
10) Install a new lock wire.



(A) Lock wire

NOTE:

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



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

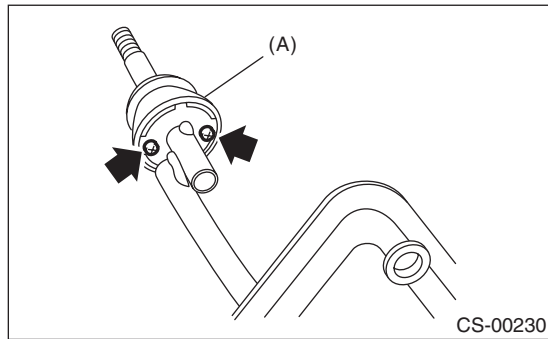
MT Gear Shift Lever

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11) Install the holder.

Tightening torque:

1.3 N·m (0.1 kgf-m, 1.0 ft-lb)



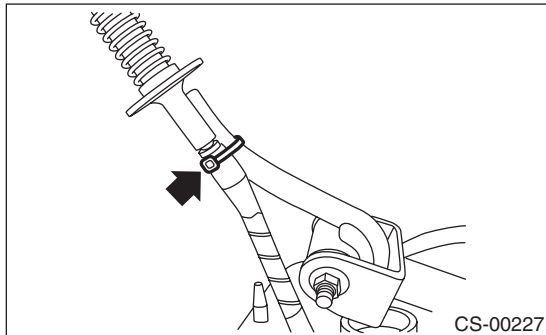
(A) Holder

12) Insert the reverse check cable into the boot hole.

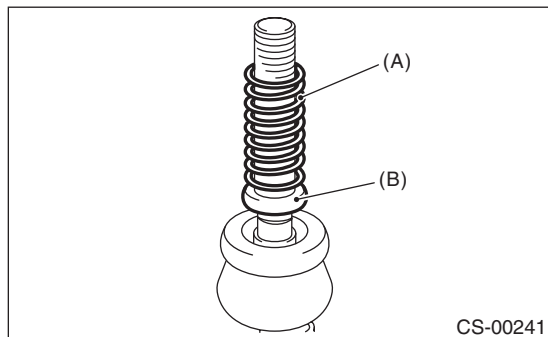
13) Insert the reverse check cable into the gear shift assembly, and fix in place with a band clip.

NOTE:

- Cut the excess band clip.
- Make sure that the reverse check cable is inserted into the gearshift lever with no gaps.



14) Install the seat cushion and spring.



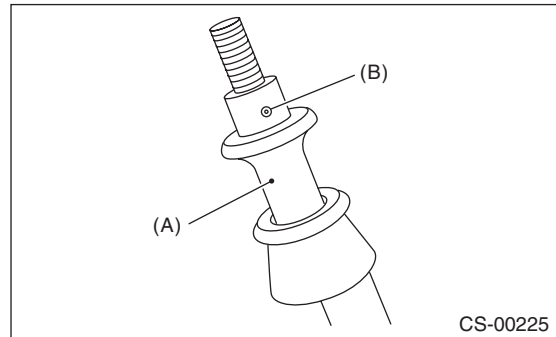
(A) Spring

(B) Seat cushion

15) Use the spring pin to secure the end of the slider and reverse check cable.

NOTE:

Apply grease to the moving part of slider.



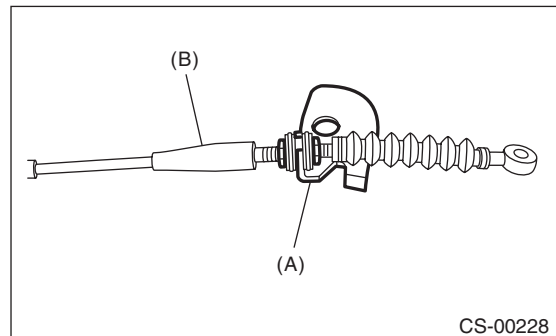
(A) Slider

(B) Spring pin

16) Install the reverse check cable to the cable plate, and tighten the lock nut.

Tightening torque:

6 N·m (0.6 kgf-m, 4.4 ft-lb)



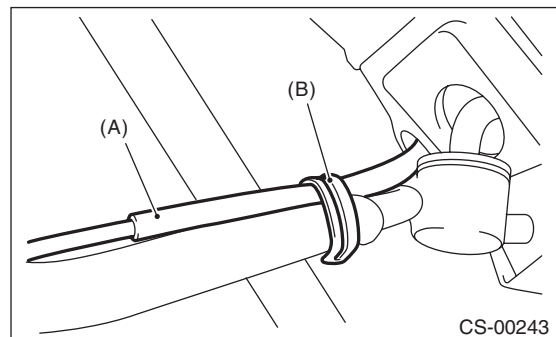
(A) Cable plate

(B) Reverse check cable

17) Secure the reverse check cable to the stay clip.

NOTE:

Install the reverse check cable on top of the stay.



(A) Reverse check cable

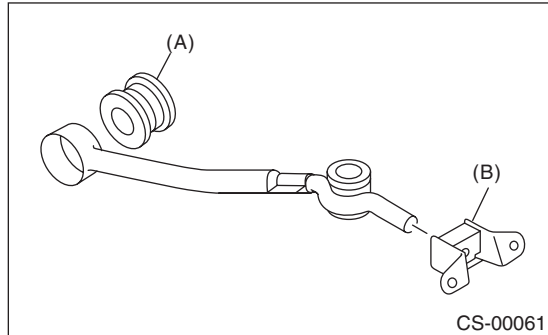
(B) Clip

2. EXCEPT FOR STI MODEL

NOTE:

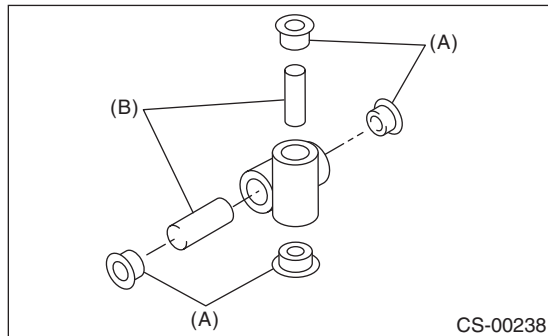
- Clean all the parts before assembly.
- Apply NIGTIGHT LYW No. 2 grease or equivalent to each part. <Ref. to CS-4, 5MT GEAR SHIFT LEVER, COMPONENT, General Description.>

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



- (A) Bushing
(B) Cushion rubber

2) Install the bushing and spacer to boss.

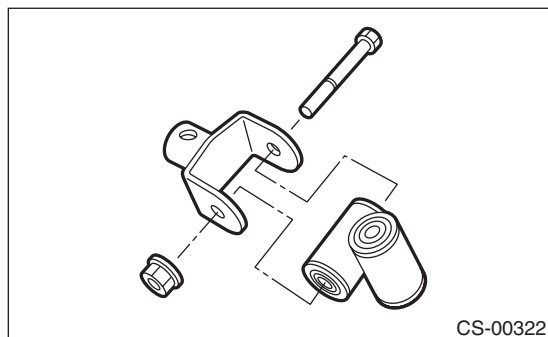


- (A) Bushing
(B) Spacer

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

Tightening torque:

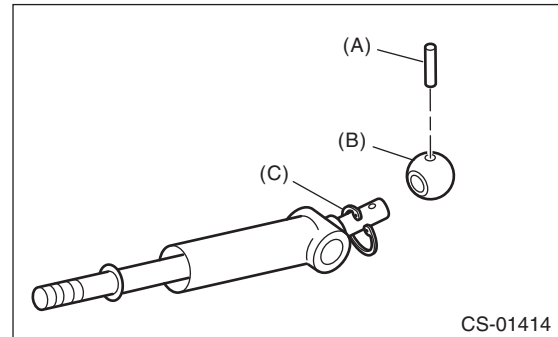
12 N·m (1.2 kgf-m, 8.9 ft-lb)



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

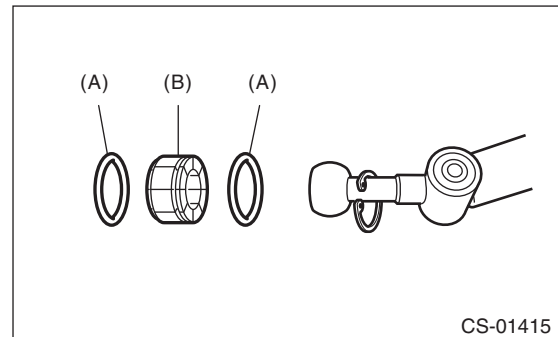
NOTE:

Apply grease to the bushing.



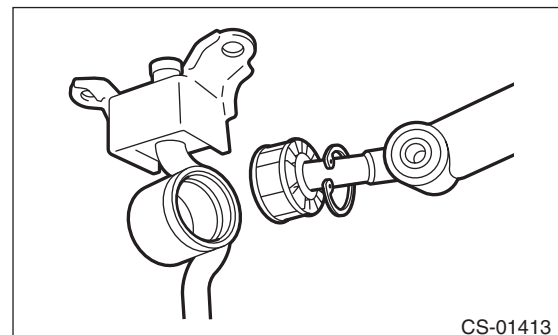
- (A) Spring pin
(B) Bushing
(C) Snap ring

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



- (A) O-ring
(B) Bushing

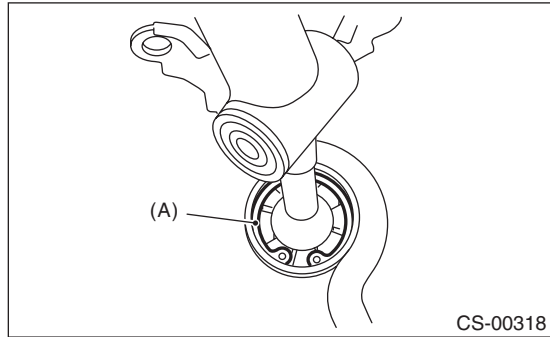
6) Apply sufficient grease into boss, and then install the gear shift lever to the stay.



MT Gear Shift Lever

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7) Install the snap ring.



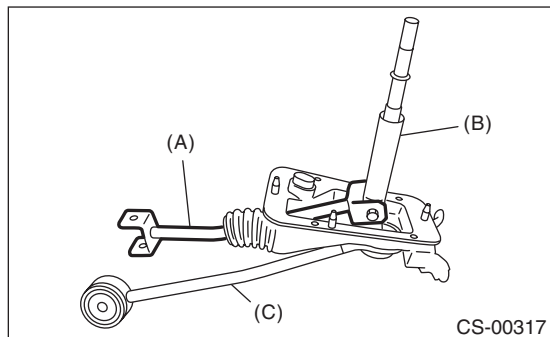
(A) Snap ring

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

9) Install the rod.

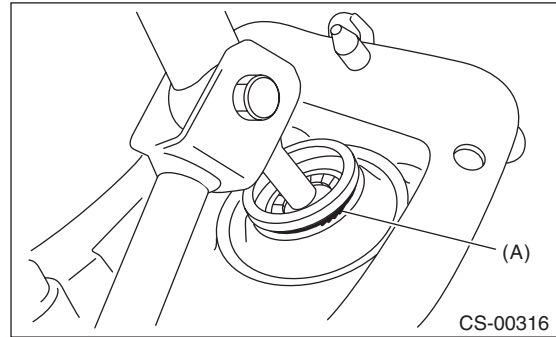
Tightening torque:

12 N·m (1.2 kgf-m, 8.9 ft-lb)



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

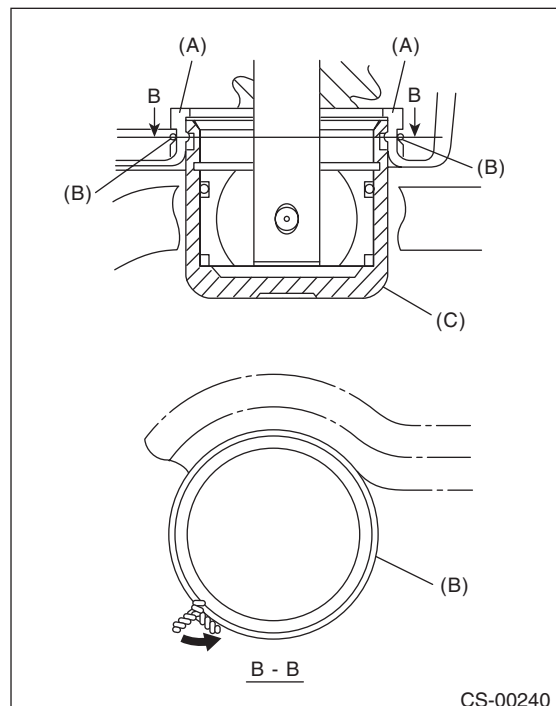
10) Install a new lock wire.



(A) Lock wire

NOTE:

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

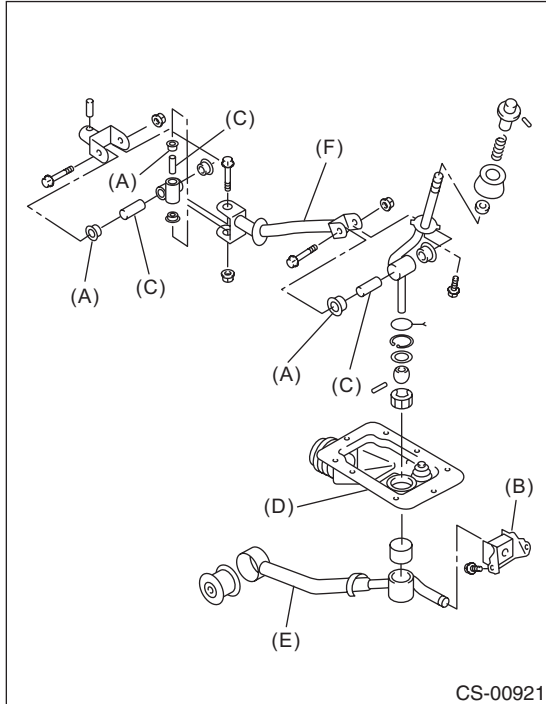


- (A) Inner boot
- (B) Lock wire
- (C) Stay

E: INSPECTION

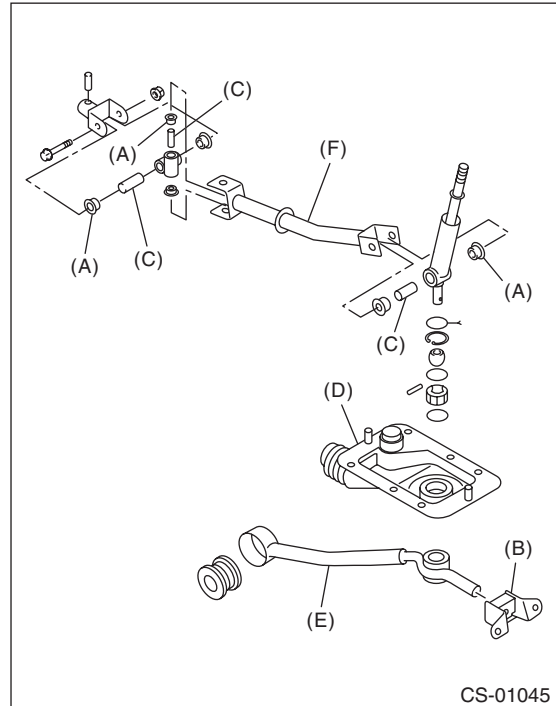
1) Check the parts (bushing, cushion rubber, spacer, boot, stay and rod, etc.) for deformation, damage and wear. If necessary, correct or replace faulty parts. Compare the removed parts with new parts to judge if there are damages or not.

- STI model



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

- Except for STI model



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

MT Gear Shift Lever

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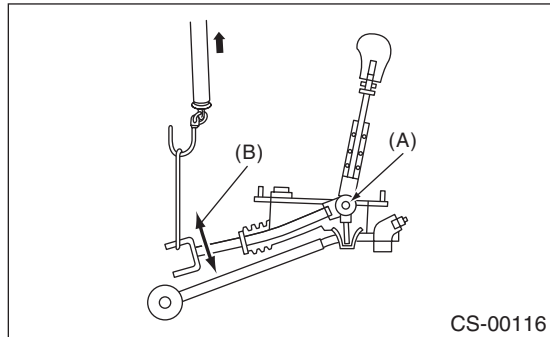
2) Check the swing torque of rod linked with the gear shift lever.

If the torque exceeds the specifications, replace the bushing or retighten nuts.

Swing torque:

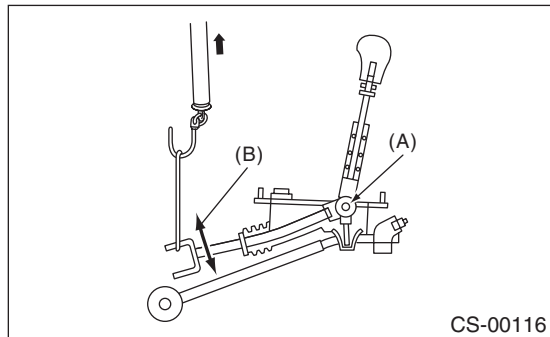
3.7 N (0.38 kgf, 0.83 lbf) or less

- STI model



- (A) Pivot
- (B) Swing torque

- Except for STI model



- (A) Pivot
- (B) Swing torque