

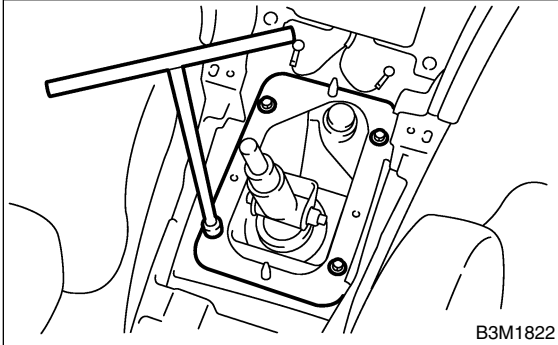
8. MT Gear Shift Lever

S501236

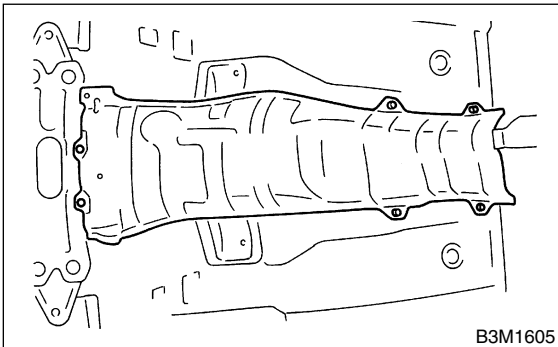
A: REMOVAL

S501236A18

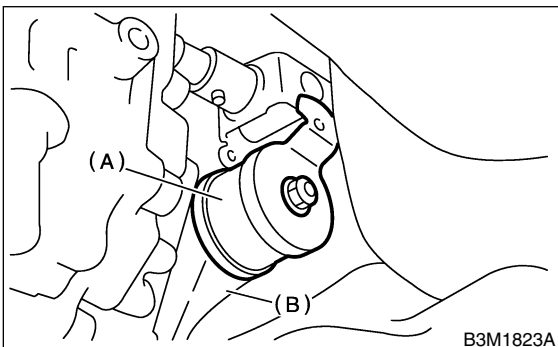
- 1) Remove gear shift knob.
- 2) Remove console box. <Ref. to EI-36, REMOVAL, Console Box.>
- 3) Remove boot plate from body.



- 4) Lift the vehicle.
- 5) Remove rear exhaust pipe and muffler. <Ref. to EX-9, REMOVAL, Rear Exhaust Pipe.> and <Ref. to EX-10, REMOVAL, Muffler.>
- 6) Remove heat shield cover.

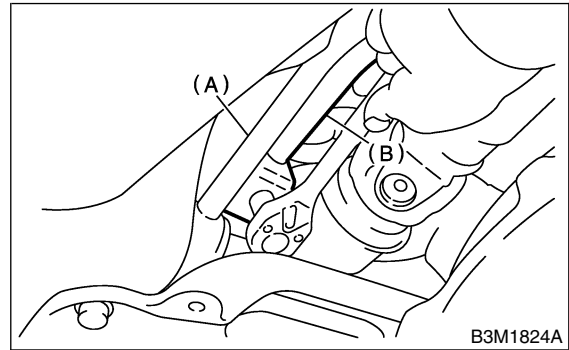


- 7) Remove stay from transmission bracket.



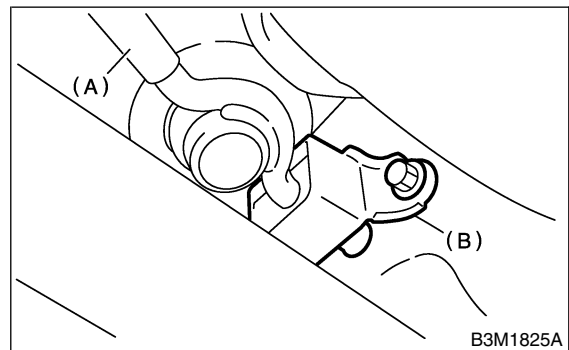
- (A) Stay
- (B) Transmission bracket

- 8) Remove rod from joint.



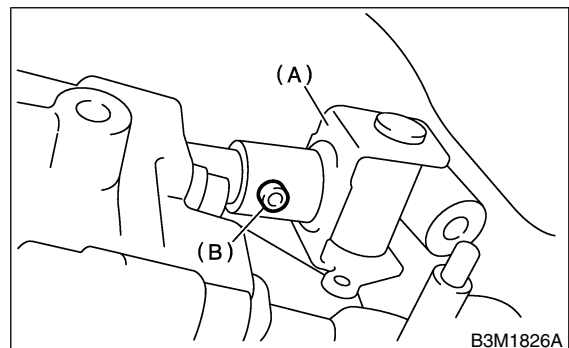
- (A) Stay
- (B) Rod

- 9) Remove cushion rubber from body.



- (A) Stay
- (B) Cushion rubber

- 10) Remove joint and then extract spring pin.



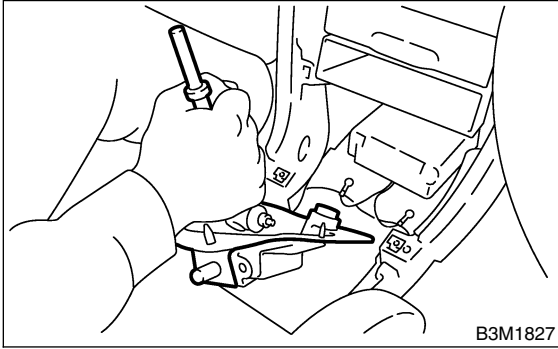
- (A) Joint
- (B) Spring pin

- 11) Lower the vehicle.

MT GEAR SHIFT LEVER

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12) Remove gear shift lever.



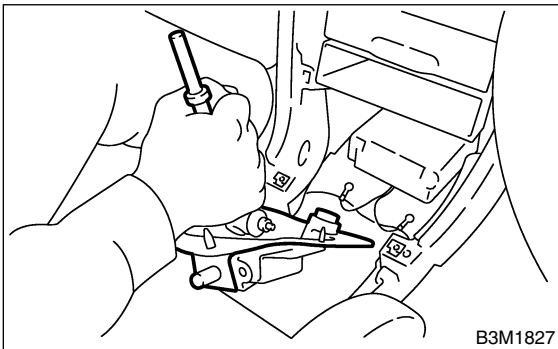
B: INSTALLATION

S501236A11

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

NOTE:

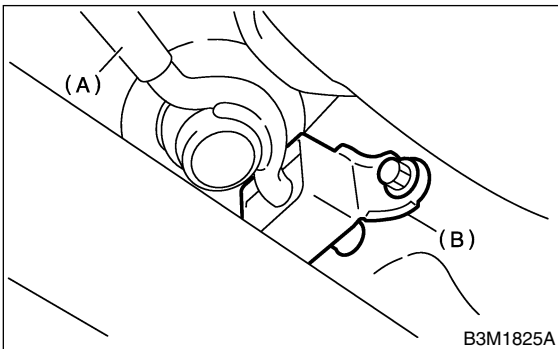
After inserting rod and stay, temporarily put them onto transmission mount.



- 3) Lift the vehicle.
- 4) Mount cushion rubber on the body.

Tightening torque:

18 N·m (1.8 kgf-m, 13.0 ft-lb)

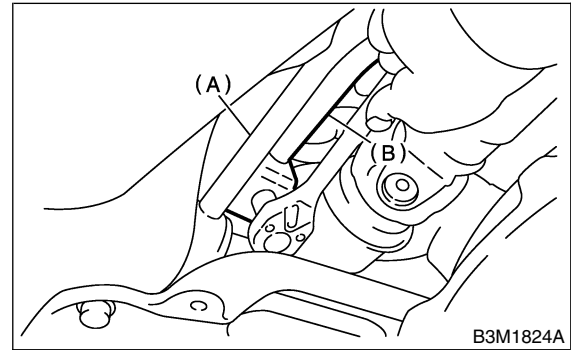


- (A) Cushion rubber
- (B) Stay

5) Connect rod to the joint.

Tightening torque:

18 N·m (1.8 kgf-m, 13.0 ft-lb)

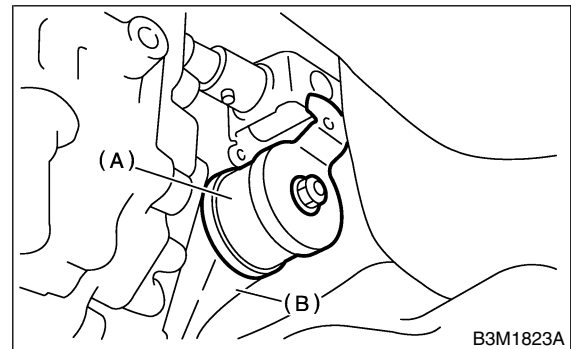


- (A) Stay
- (B) Rod

6) Connect stay to transmission bracket.

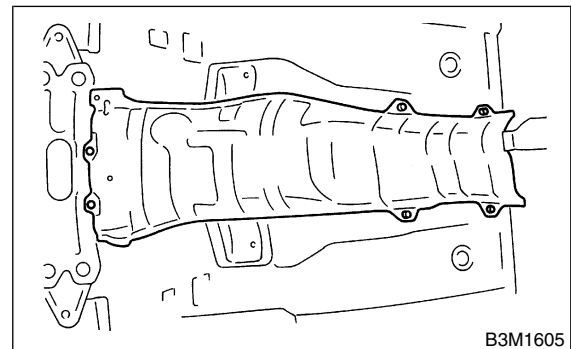
Tightening torque:

18 N·m (1.8 kgf-m, 13.0 ft-lb)



- (A) Stay
- (B) Transmission bracket

7) Install heat shield cover.



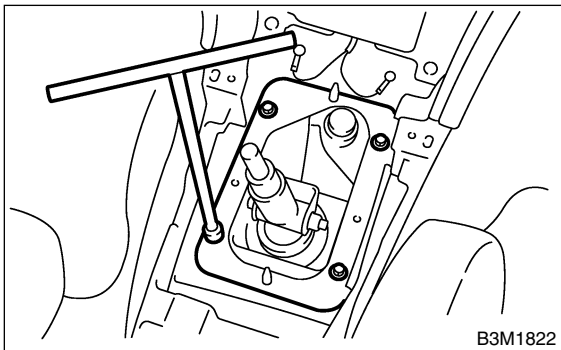
8) Install rear exhaust pipe and muffler.

<Ref. to EX-9, INSTALLATION, Rear Exhaust Pipe.> and <Ref. to EX-10, INSTALLATION, Muffler.>

9) Mount boot plate on body.

Tightening torque:

7.5 N·m (0.76 kgf-m, 5.5 ft-lb)



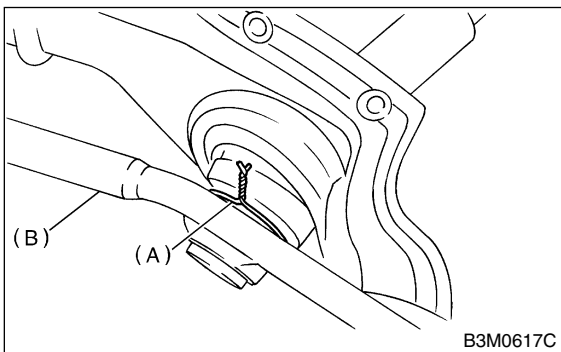
B3M1822

10) Install console box. <Ref. to EI-36, INSTALLATION, Console Box.>

C: DISASSEMBLY

S501236A06

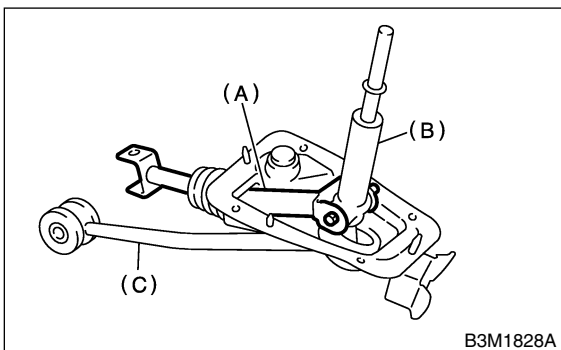
1) Remove lock wire.



B3M0617C

- (A) Lock wire
- (B) Stay

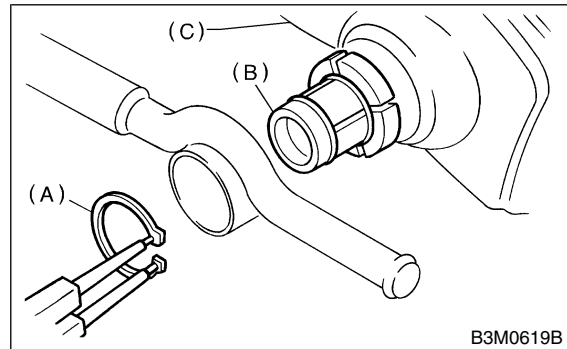
2) Remove rod from lever.



B3M1828A

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

3) Remove snap ring from bushing B, then disconnect stay.

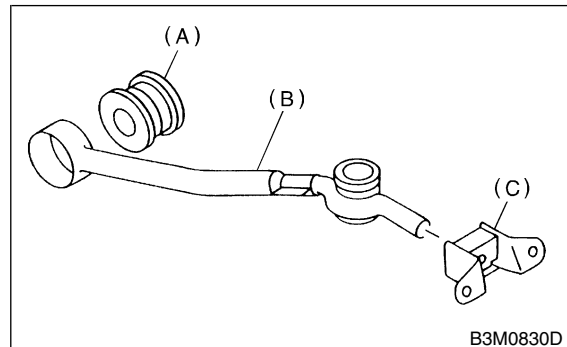


B3M0619B

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

4) Remove boot from gear shift lever.

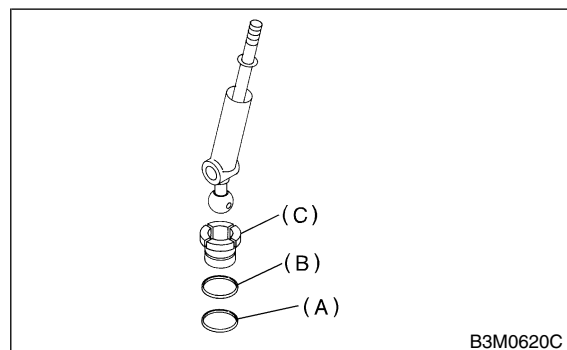
5) Remove bushing and cushion rubber from stay.



B3M0830D

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

6) Remove O-ring, then disconnect bushing B.



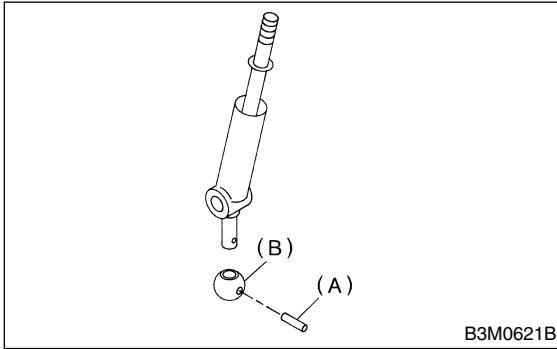
B3M0620C

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

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Control Systems

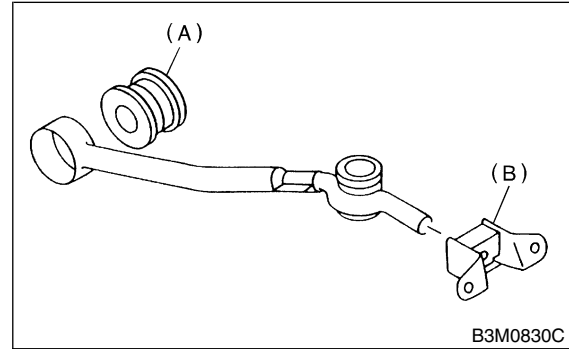
7) Draw out spring pin, then remove bushing A from gear shift lever.



- (A) Spring pin
- (B) Bushing A

D: ASSEMBLY S501236A02

- 1) Clean all parts before assembly.
- 2) Mount bushing and cushion rubber on the stay.

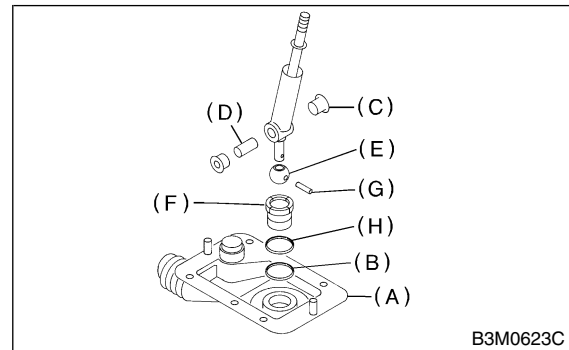


- (A) Bushing
- (B) Cushion rubber

3) Mount each part; boot, O-ring, bushing A, spacer, bushing, bushing B and spring pin on the gear shift lever.

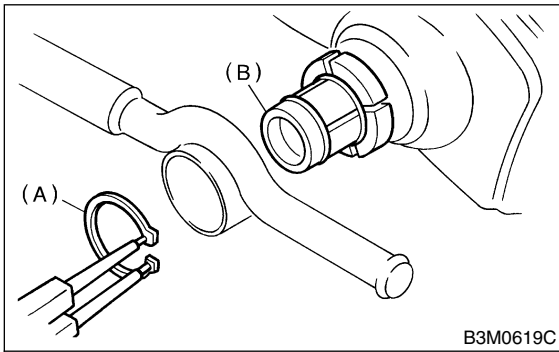
NOTE:

- Always use new O-rings.
- Apply grease [NIGTIGHT LYW No. 2 or equivalent] to the inner and side surfaces of the bushing when installing the spacer. <Ref. to CS-4, MT GEAR SHIFT LEVER, COMPONENT, General Description.>



- (A) Boot
- (B) O-ring
- (C) Bushing
- (D) Spacer
- (E) Bushing A
- (F) Bushing B
- (G) Spring pin
- (H) O-ring

- 4) Insert gear shift lever into the boot hole.
- 5) Install snap ring and stay to the bushing B.

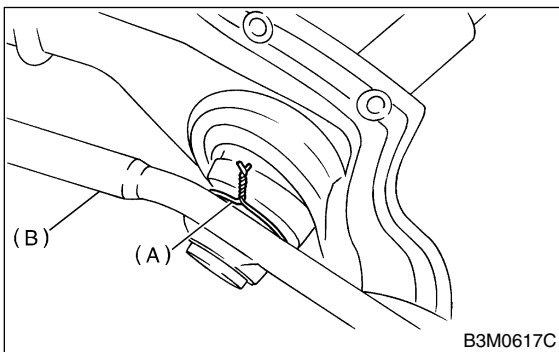


- (A) Snap ring
- (B) Bushing B

- 6) Tighten with lock wire to the extent that the boot will not come off.

NOTE:

Always use new lock wire.

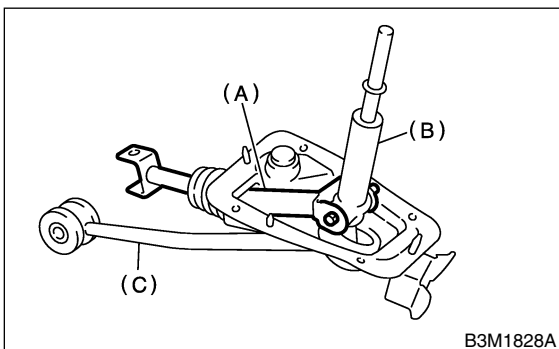


- (A) Lock wire
- (B) Stay

- 7) Insert the rod into the boot hole.
- 8) Connect rod to gear shift lever.

Tightening torque:

11.8 N·m (1.2 kgf-m, 8.7 ft-lb)



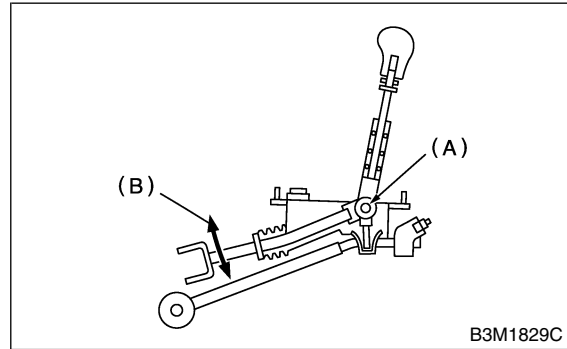
- (A) Rod
- (B) Shift lever
- (C) Stay

- 9) Check rod swing torque in relation to the gear shift lever.

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

Locking torque:

0.7 N·m (0.07 kgf-m, 0.5 ft-lb) or less



- (A) Center of rotation
- (B) Swing torque

- 10) Check that there is no excessive play and that parts move smoothly.

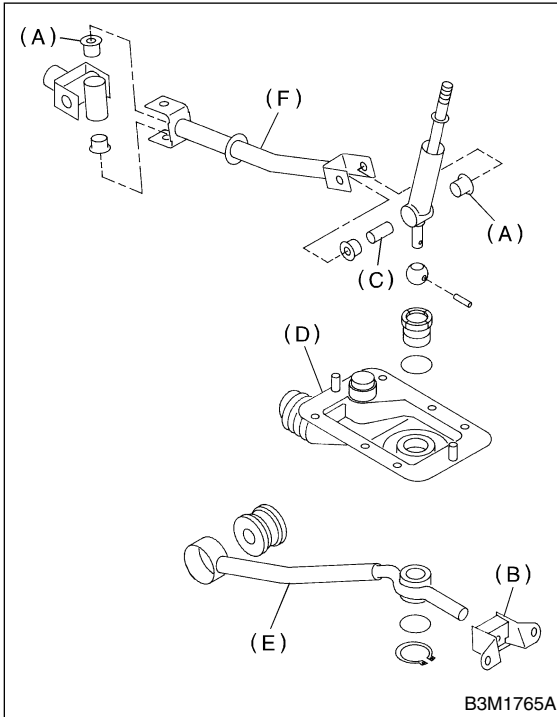
MT GEAR SHIFT LEVER

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E: INSPECTION

S501236A10

1) Check each part (bushing, cushion rubber, spacer, boot, stay and rod, etc.) for deformation, damage and wear. Repair or replace any defective part. Determine defective parts by comparing with new parts.



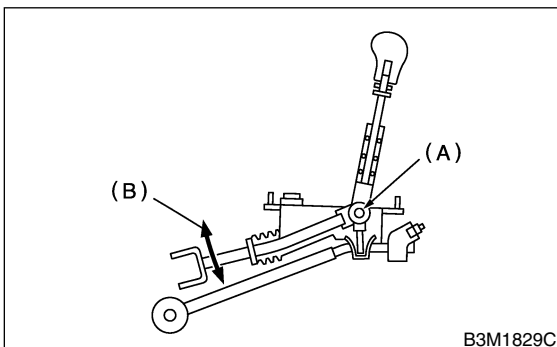
- (A) Bushing
- (B) Cushion rubber
- (C) Spacer
- (D) Boot
- (E) Stay
- (F) Rod

2) Check rod swing torque in relation to the gear shift lever.

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

Locking torque:

0.7 N·m (0.07 kgf·m, 0.5 ft-lb) or less



- (A) Center of rotation
- (B) Swing torque