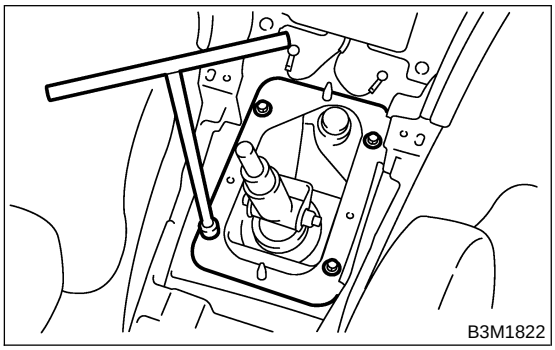
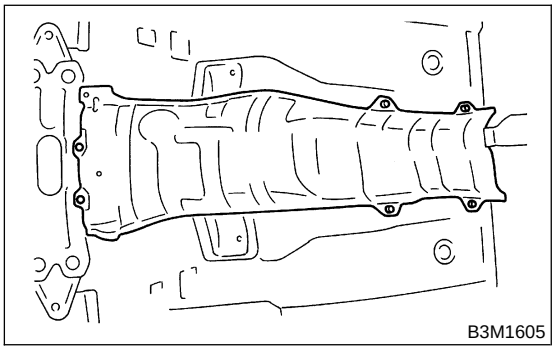
8. MT Gear Shift Lever S501236

A: REMOVAL S501236A18

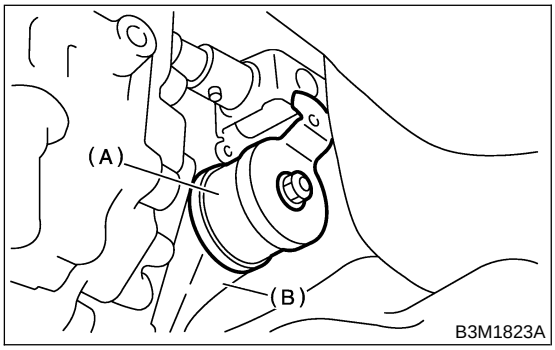
1) Remove gear shift knob.
2) Remove console box. <Ref. to EI-34 REMOVAL, Console Box.>
3) Remove boot plate from body.



4) Remove rear exhaust pipe and muffler.
5) Remove heat shield cover.

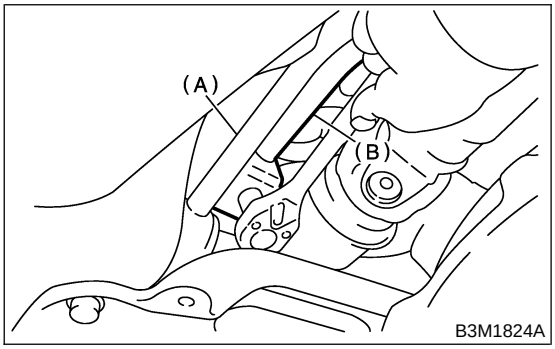


6) Remove stay from transmission bracket.



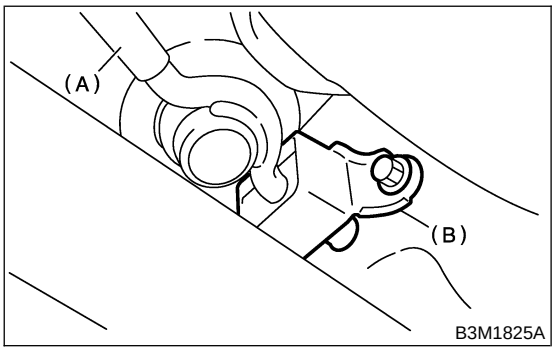
(A) Stay
(B) Transmission bracket

7) Remove rod from joint.



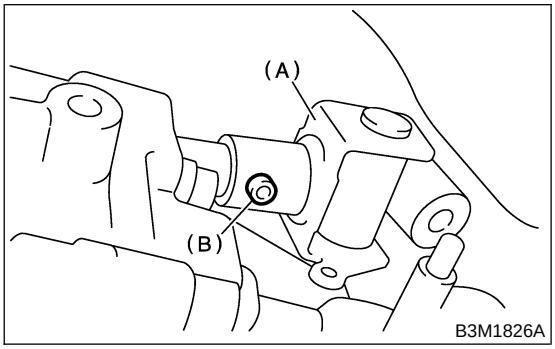
(A) Stay
(B) Rod

8) Remove cushion rubber from body.



(A) Rod
(B) Cushion rubber

9) Remove joint and then extract straight pin.



(A) Joint
(B) Straight pin

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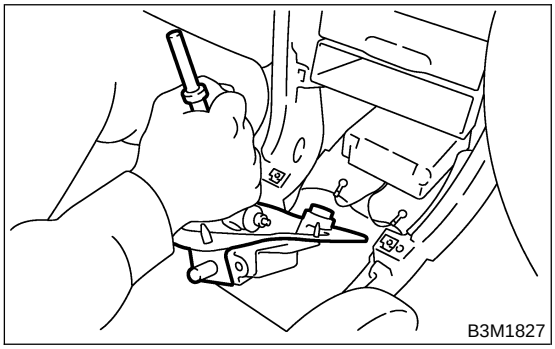
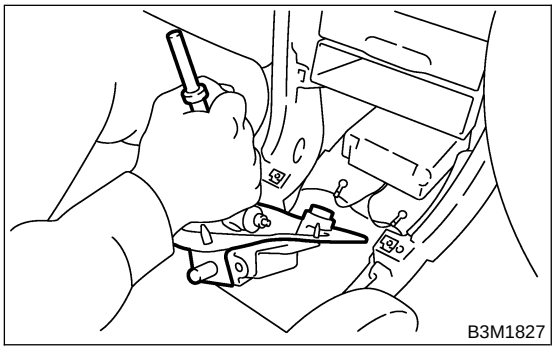
10) Remove gear shift lever.



B: INSTALLATION S501236A11

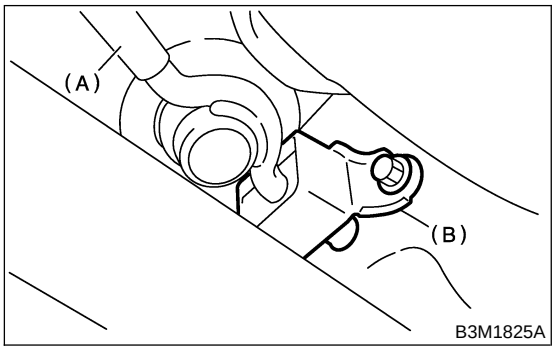
1) Install the joint to the transmission and secure with the straight pin.
2) Insert gear shift lever from room side.

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



3) Mount cushion rubber on the body.

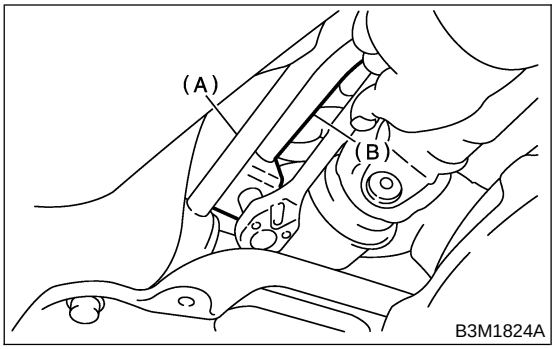
Tightening torque:
18 N·m (1.8 kgf-m, 13.0 ft-lb)



(A) Cushion rubber
(B) Stay

4) Connect rod to the joint.

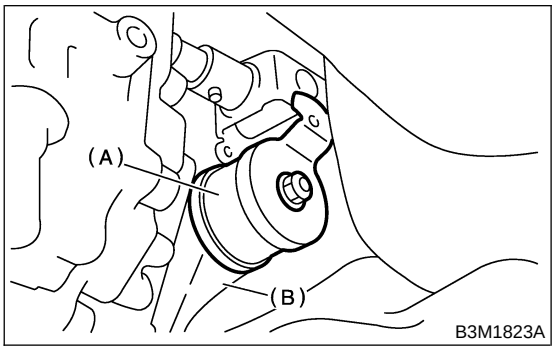
Tightening torque:
18 N·m (1.8 kgf-m, 13.0 ft-lb)



(A) Joint
(B) Rod

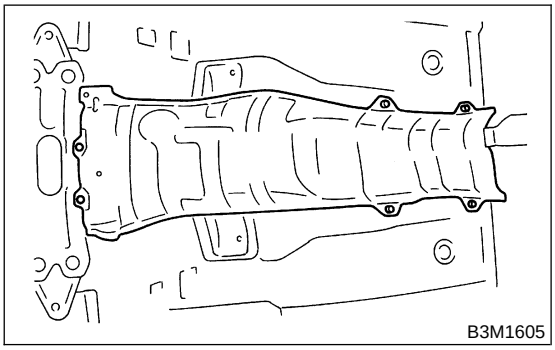
5) Connect stay to transmission bracket.

Tightening torque:
18 N·m (1.8 kgf-m, 13.0 ft-lb)



(A) Stay
(B) Transmission bracket

6) Install heat shield cover.



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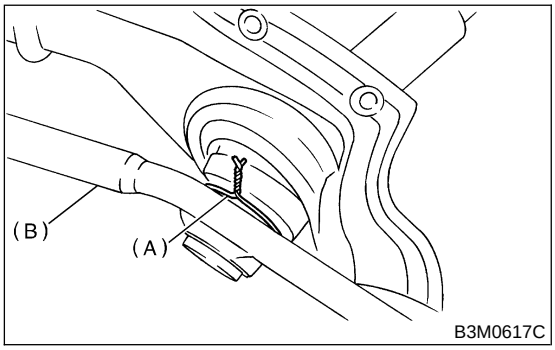
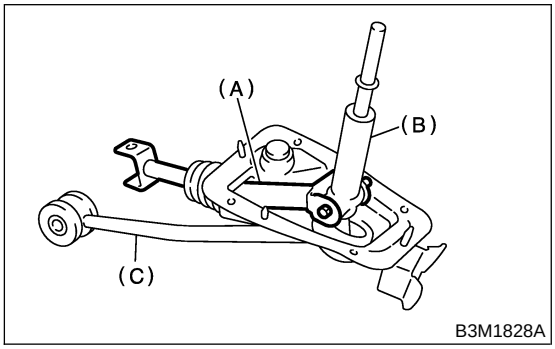
C: DISASSEMBLY S501236A06

1) Disassemble locking wire.



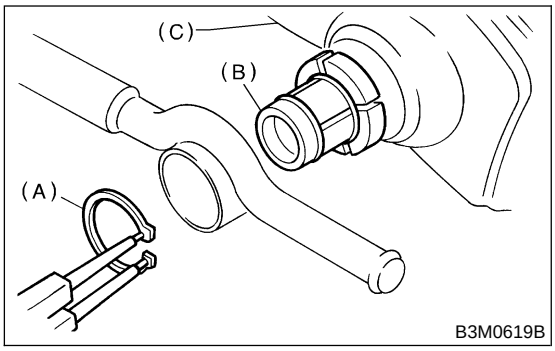
(A) Locking wire
(B) Stay

2) Remove rod from gear shift lever.



(A) Rod
(B) Gear shift lever
(C) Stay

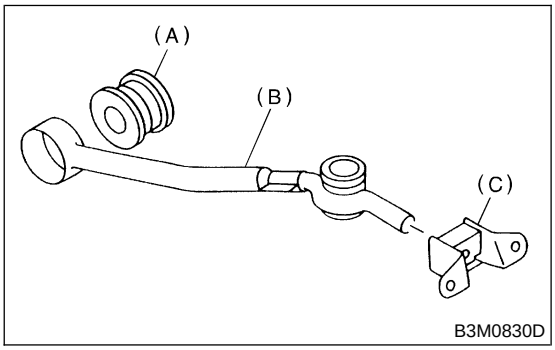
3) Remove snap ring from bush D, then disconnect stay.



(A) Snap ring
(B) Bush D
(C) Boot

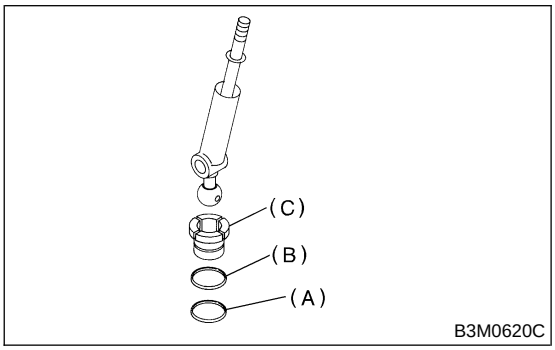
4) Remove boot from gear shift lever.

5) Remove bush and cushion rubber from stay.



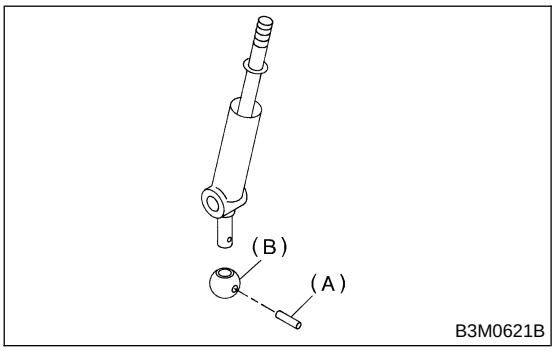
(A) Bush B
(B) Stay
(C) Cushion rubber

6) Remove O-ring, then disconnect bush D.



(A) O-ring B
(B) O-ring B
(C) Bush D

7) Draw out straight pin, then remove bush C from gear shift lever.



(A) Straight pin
(B) Bush C

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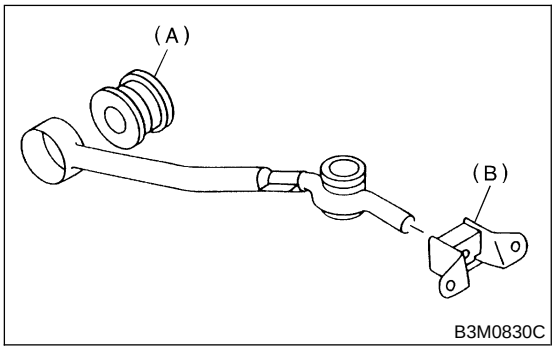
D: ASSEMBLY S501236A02

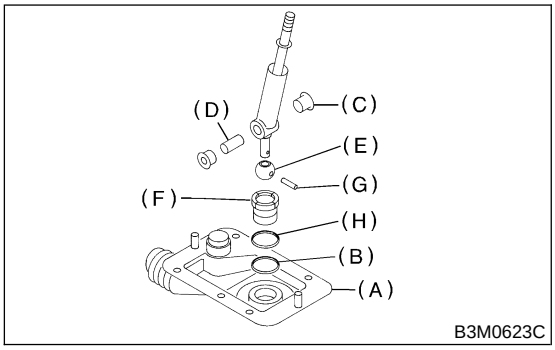
1) Clean all parts before assembly.
2) Mount the bush B and cushion rubber on the stay.



(A) Bush B
(B) Cushion rubber

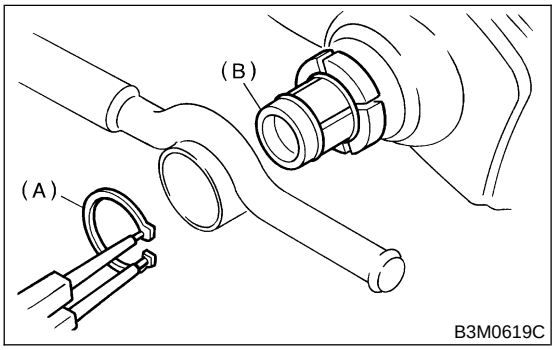
3) Mount each part; boot, O-ring, bush A, spacer, bush B, bush D and straight pin on the gear shift lever.

CAUTION:
- **Always use new O-rings.**
- **Apply grease [DNIGTIGHT LYW No. 2 or equivalent] to the inner and side surfaces of the bush when installing the spacer.**



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

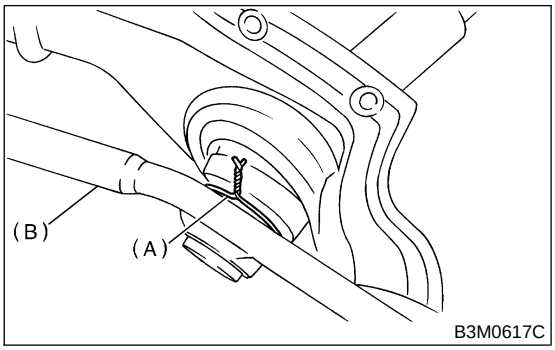
4) Insert the gear shift lever into the boot hole.
5) Install snap ring and stay to the bush D.



(A) Snap ring
(B) Bush D

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

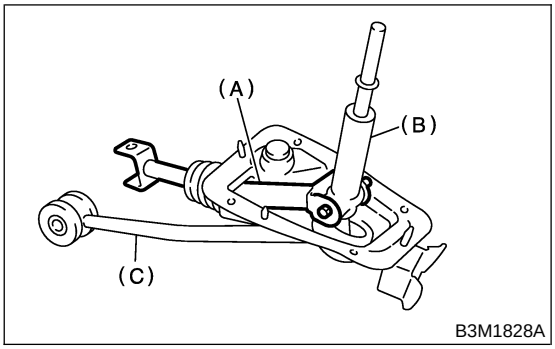
CAUTION:
Always use new locking wire.



(A) Locking 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

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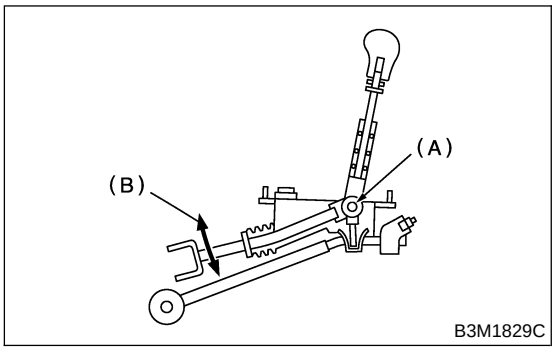
9) Check the swing torque of the rod in relation to the gear shift lever.
If the torque exceeds the specification, replace bushing or retighten nuts.

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

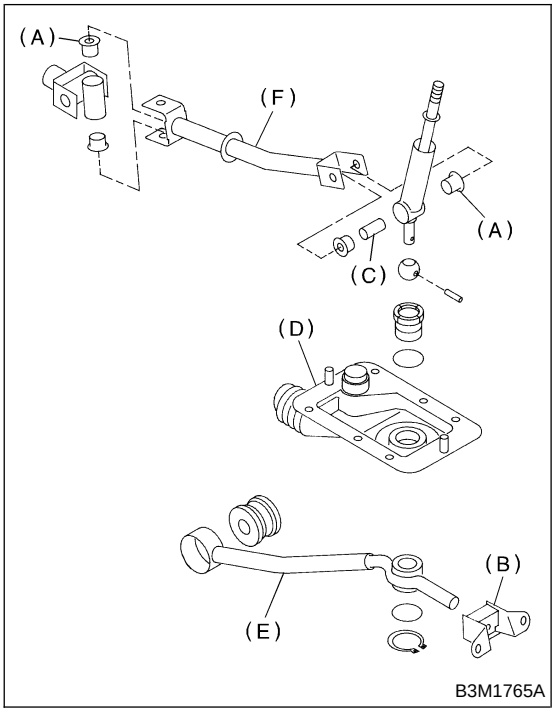


(A) Center of rotation
(B) Swing torque

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

E: INSPECTION S501236A10

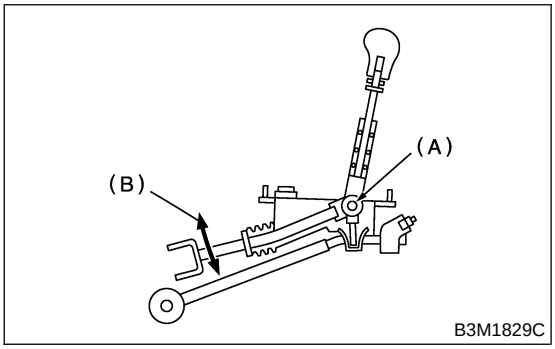
1) Check each part (bush A, cushion rubber, spacer, boot, stay and rod, etc.) for deformation, damage and wear. Repair or replace any defective part. Determine defective parts by comparing with new parts.



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

2) Check the swing torque of the rod in relation of the gear shift lever.
If the torque exceeds the specification, replace bushing or retighten nuts.

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



(A) Center of rotation
(B) Swing torque

☞ 00.5.31/68j/5cs ☜