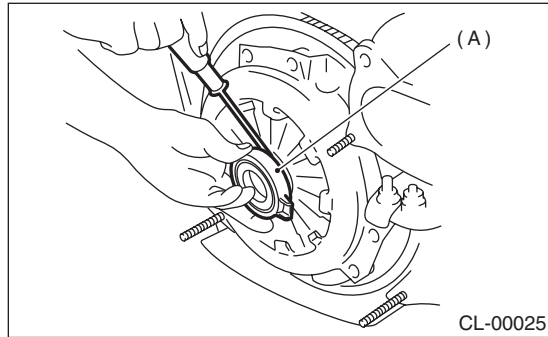


4. Release Bearing and Lever

A: REMOVAL

1. STI MODEL

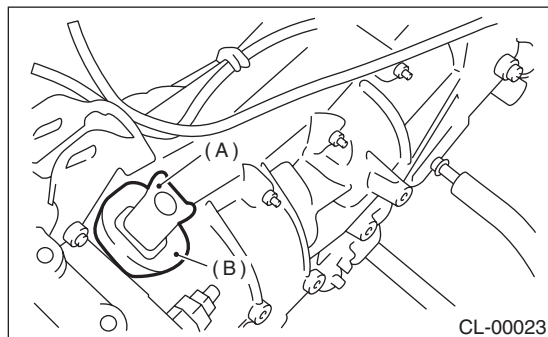
- 1) Remove the transmission assembly from the vehicle. <Ref. to 6MT(TY85)-31, REMOVAL, Manual Transmission Assembly.>
- 2) Remove the release lever from the transmission.
- 3) Using a flat tip screwdriver, remove the release bearing from the clutch cover.



(A) Release bearing

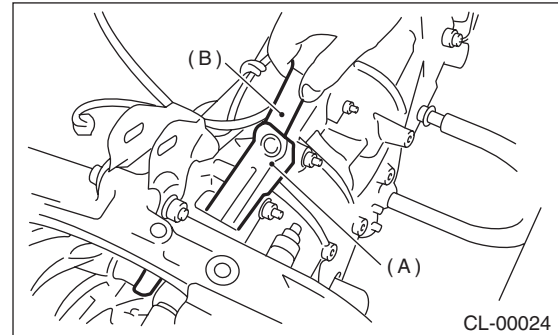
2. EXCEPT FOR STI MODEL

- 1) Remove the transmission assembly from the vehicle. <Ref. to 6MT(TY75)-25, REMOVAL, Manual Transmission Assembly.>
- 2) Remove the dust cover.



(A) Release lever
(B) Dust cover

- 3) Remove the lever spring from the pivot with a screwdriver by accessing it through the clutch housing release lever hole. Then remove the release lever and release bearing as a unit.



(A) Release lever
(B) Screwdriver

B: INSTALLATION

1. STI MODEL

NOTE:

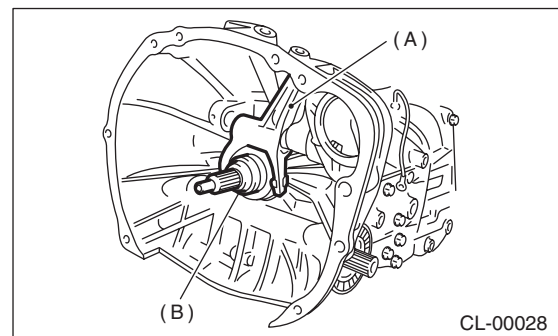
Apply the specified grease to lubricate to the following points before installation.

- Release lever shaft
- Contact surface of release lever and bearing
- Transmission main shaft spline
- Contact surface of release bearing and clutch release bearing guide

Grease:

NICHIMOLY N-130 or equivalent

- 1) Attach the release bearing to the transmission.
- 2) Insert the release lever into the release bearing tab.



(A) Release lever
(B) Release bearing

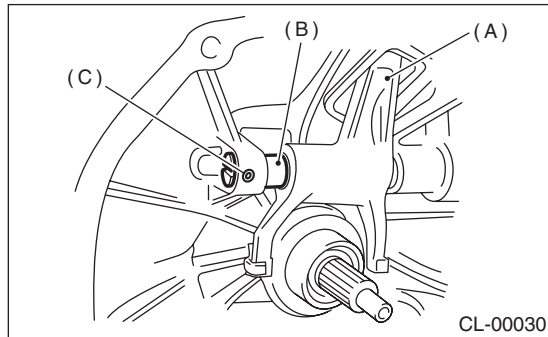
Release Bearing and Lever

CLUTCH SYSTEM

3) Insert the release lever shaft into the release lever.

NOTE:

Make sure the cut portion of the release lever shaft comes into contact with the spring pin.

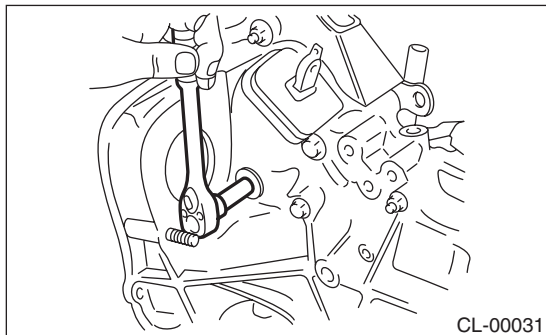


- (A) Release lever
- (B) Release lever shaft
- (C) Spring pin

4) Tighten the plugs.

Tightening torque:

48 N·m (4.9 kgf-m, 35.4 ft-lb)



5) Check the bearing for smooth movement by operating the release lever.

6) Apply grease to the contact surface of the release lever and operating cylinder.

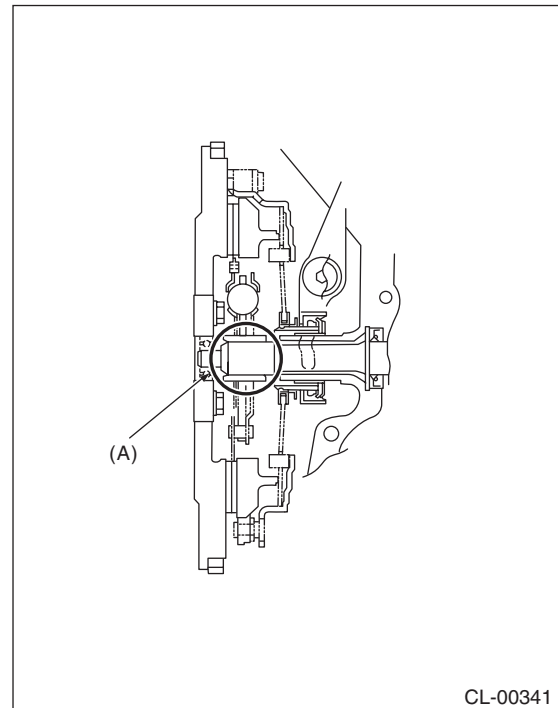
Grease:

NICHIMOLY N-130 or equivalent

7) Apply grease to splines.

Grease:

NICHIMOLY N-130 or equivalent



- (A) Spline

8) Install the transmission assembly. <Ref. to 6MT(TY85)-33, INSTALLATION, Manual Transmission Assembly.>

2. EXCEPT FOR STI MODEL

NOTE:

Apply the specified grease to lubricate to the following points before installation.

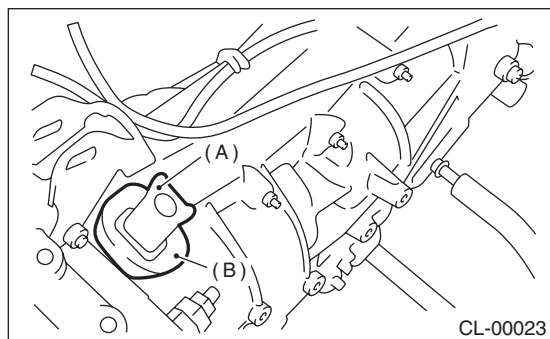
- Contact surface of lever and pivot
- Contact surface of lever and bearing
- Transmission main shaft spline
- Contact surface of release bearing and transmission case

Grease:

NICHIMOLY N-130 or equivalent

1) Install the release bearing by inserting the release lever into the clutch housing release lever hole. Then, fit the lever spring onto the raised portion of the pivot by pushing the release lever to the pivot and twisting it to both sides.

2) Install the dust cover.



(A) Release lever

(B) Dust cover

3) Check the bearing for smooth movement by operating the release lever.

4) Apply grease to the contact surface of the release lever and operating cylinder.

Grease:

NICHIMOLY N-130 or equivalent

5) Install the transmission assembly. <Ref. to 6MT(TY75)-30, INSTALLATION, Manual Transmission Assembly.>

C: INSPECTION

1. RELEASE BEARING

CAUTION:

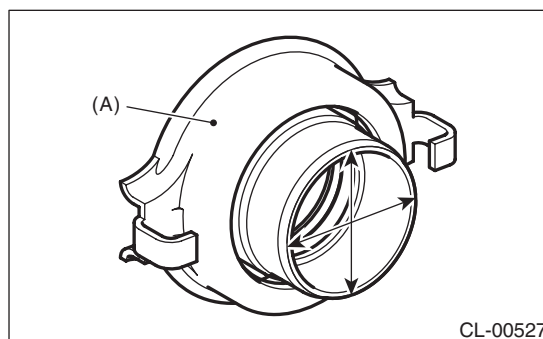
Since this bearing is grease-sealed and is a non-lubrication type, do not wash with gasoline or any other solvent when servicing the clutch.

1) Check the bearing for smooth movement by applying force to the bearing in the radial direction.

Radial direction stroke:

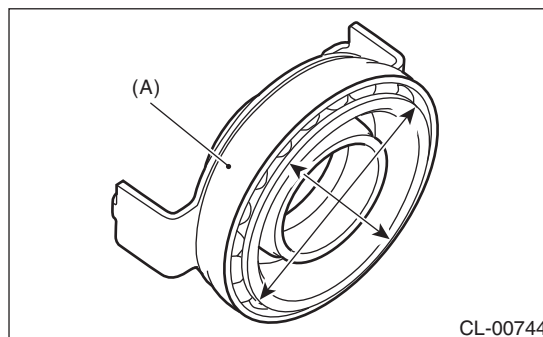
1.6 mm (0.063 in)

• STI model



(A) Bearing case

• Except for STI model



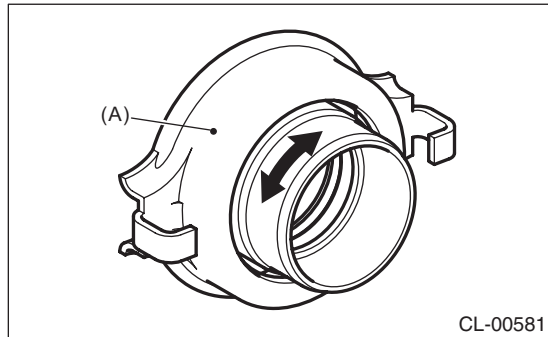
(A) Bearing case

Release Bearing and Lever

CLUTCH SYSTEM

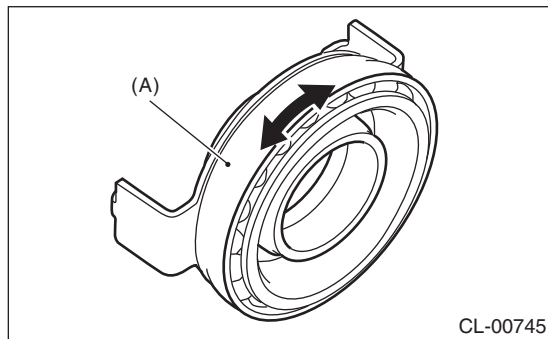
2) While applying force to the bearing in the rotational direction, check the bearing for smooth rotation.

- **STI model**



(A) Bearing case

- **Except for STI model**



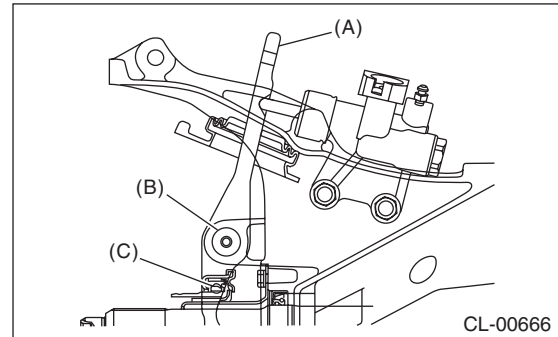
(A) Bearing case

3) Check for wear and damage at the bearing case surface in contact with the lever.

2. RELEASE LEVER

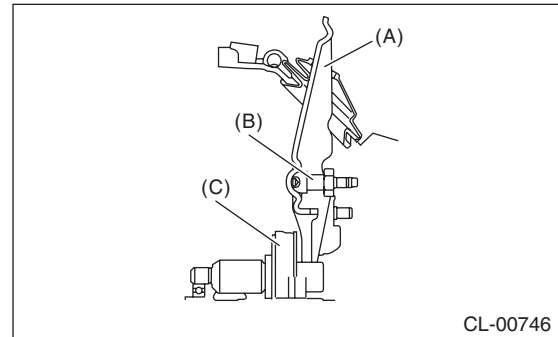
Check for wear in release shaft contact area and release bearing case contact area of the lever.

- **STI model**



- (A) Release lever
- (B) Release shaft
- (C) Release bearing

- **Except for STI model**



- (A) Release lever
- (B) Pivot
- (C) Release bearing