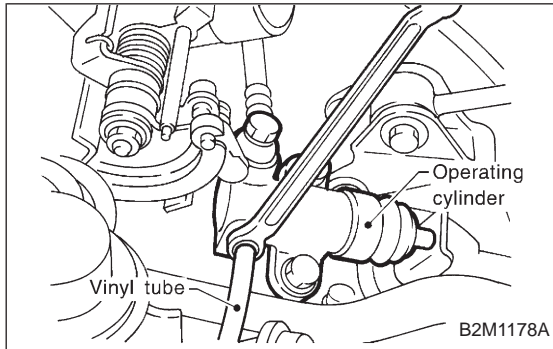


4) Tighten air bleeder.

Tightening torque:

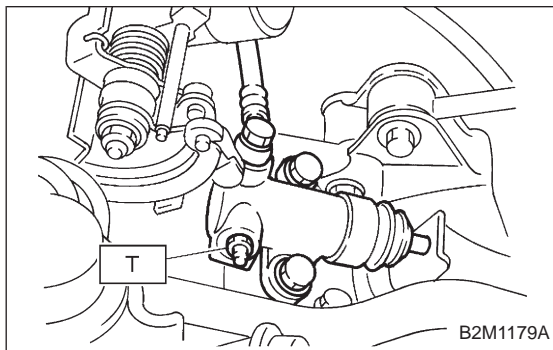
T: 18 ± 3 N·m (1.8 ± 0.3 kg·m, 13.0 ± 2.2 ft·lb)



5) Remove air chamber.

<Ref. to 2-7 [W18A0].>

6) Repeat steps 1) through 3) using air bleeder on operating cylinder.



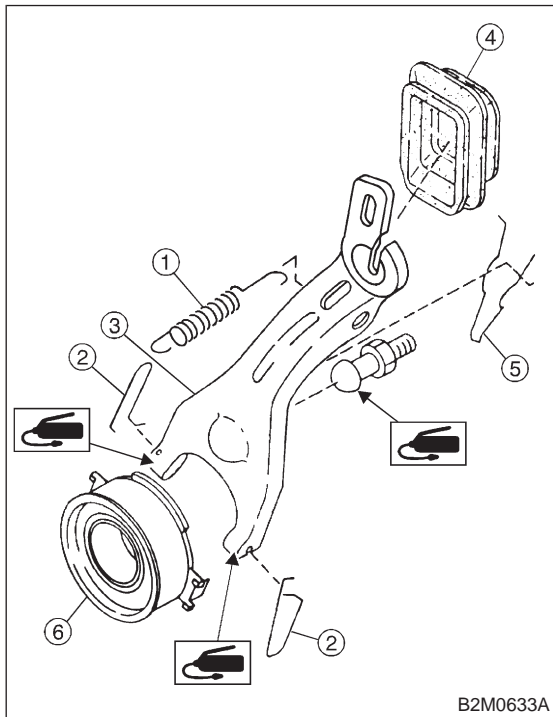
7) Tighten air bleeder.

Tightening torque:

T: 18 ± 3 N·m (1.8 ± 0.3 kg·m, 13.0 ± 2.2 ft·lb)

8) After depressing the clutch pedal, make sure that there are no leaks evident in the entire system.

9) After bleeding air from system, ensure that clutch operates properly.



3. Release Bearing and Lever

A: REMOVAL

1. MECHANICAL APPLICATION TYPE

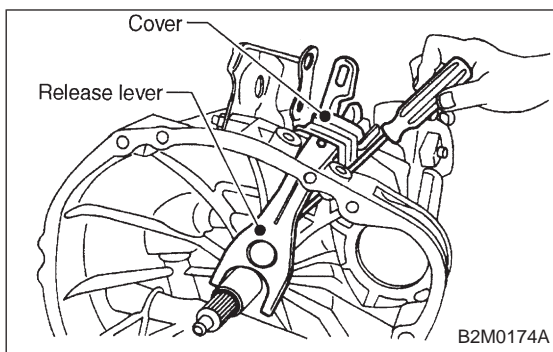
1) Remove release lever return spring ① (Models without hill holder only).

2) Remove the two clips ② from clutch release lever ③ and remove release bearing ⑥.

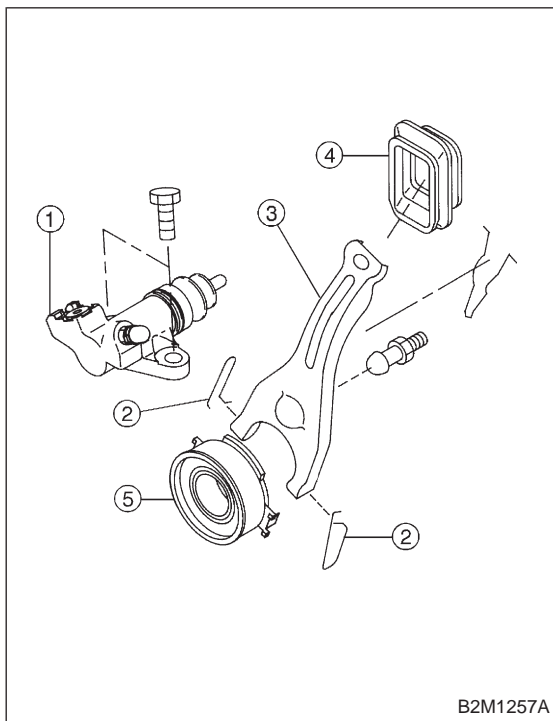
CAUTION:

Be careful not to deform clips.

3) Remove release lever seal ④.



4) Remove release lever retainer spring from release lever pivot with a screwdriver by accessing it through clutch housing release lever hole. Then remove release lever.



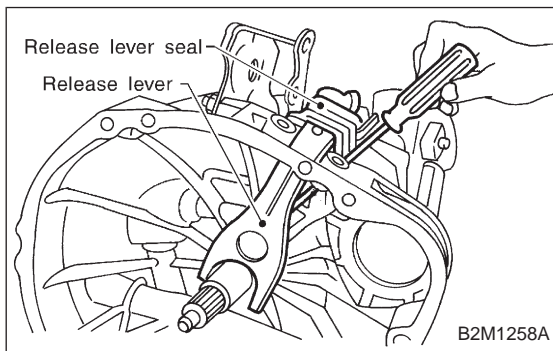
2. HYDRAULIC APPLICATION TYPE

- 1) Remove transmission assembly from vehicle body.
<Ref. to 2-11 [W3A0].>
- 2) Remove operating cylinder ①.
<Ref. to 2-10 [W5A0].>
- 3) Remove the two clips ② from clutch release lever ③ and remove release bearing ⑥.

CAUTION:

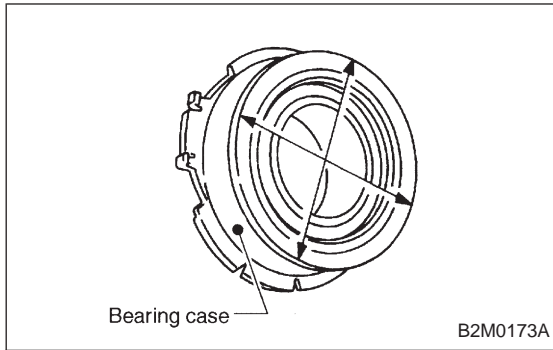
Be careful not to deform clips.

- 4) Remove release lever seal ④.



5) Remove release lever retainer spring from release lever pivot with a screwdriver by accessing it through clutch housing release lever hole. Then remove release lever.

3. Release Bearing and Lever

**B: INSPECTION****1. RELEASE BEARING****CAUTION:**

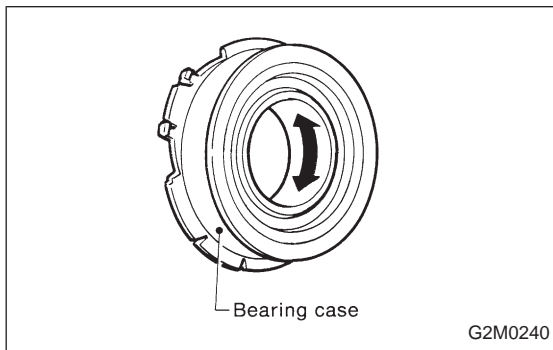
Since this bearing is grease sealed and is of a nonlubrication type, do not wash with gasoline or any solvent when servicing the clutch.

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

Radial direction stroke:

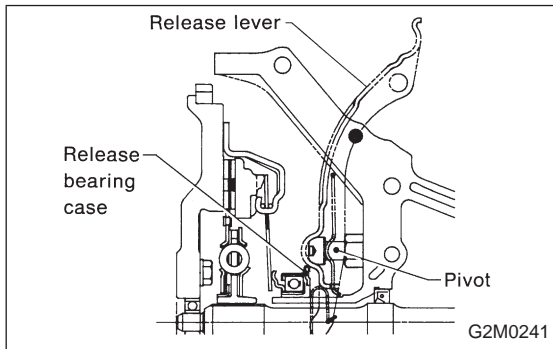
FWD; Approx.
1.0 mm (0.039 in)

AWD; Approx.
1.4 mm (0.055 in)



2) Check the bearing for smooth rotation by applying pressure in the thrust direction.

3) Check wear and damage of bearing case surface contacting with lever.

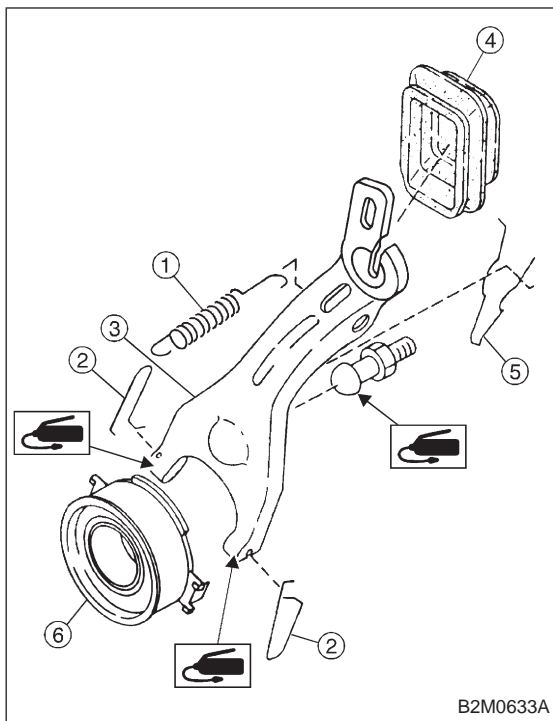
**2. RELEASE LEVER**

Check lever pivot portion and the point of contact with release bearing case for wear.

C: INSTALLATION**CAUTION:**

Before or during assembling, lubricate the following points with a light coat of grease.

- Inner groove of release bearing
- Contact surface of lever and pivot
- Contact surface of lever and bearing
- Transmission main shaft spline (Use grease containing molybdenum disulphide.)



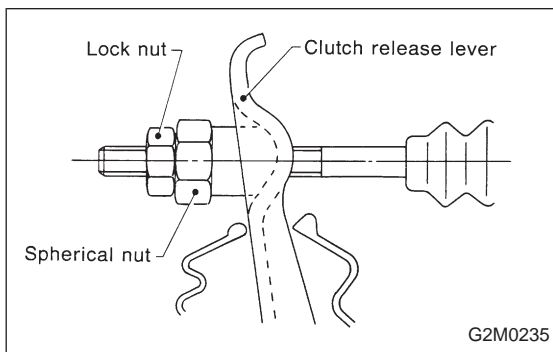
1. MECHANICAL APPLICATION TYPE

1) While pushing release lever ③ to pivot and twisting it to both sides, fit retainer spring ⑤ onto the constricted portion of pivot.

NOTE:

Confirm that retainer spring is securely fitted by observing it through the main case hole.

- 2) Install release bearing ⑥ and fasten it with two clips ②.
- 3) Install release lever seal ④.



4) After remounting engine and transmission on body, make adjustment of the clutch release lever end play.

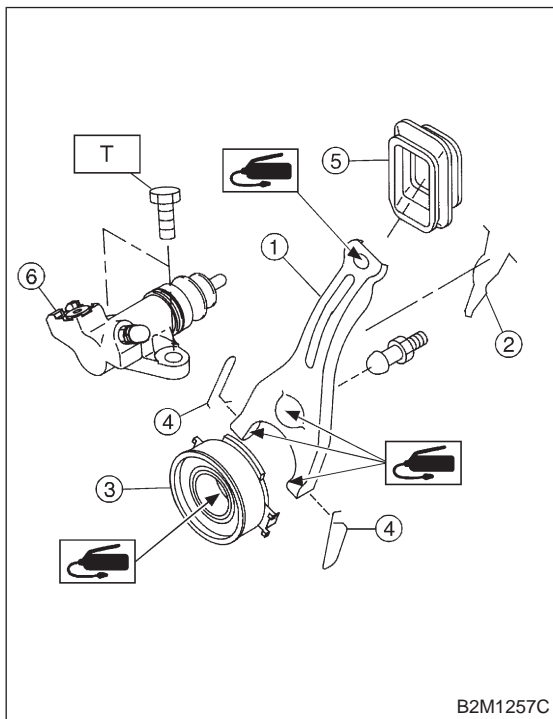
CAUTION:

Take care not to twist the cable during adjustment.

5) Install release lever return spring (Models without hill holder only).

NOTE:

Hook up the return spring to right side hole of the release lever.



2. HYDRAULIC APPLICATION TYPE

1) While pushing release lever ① to pivot and twisting it to both sides, fit retainer spring ② onto the constricted portion of pivot.

NOTE:

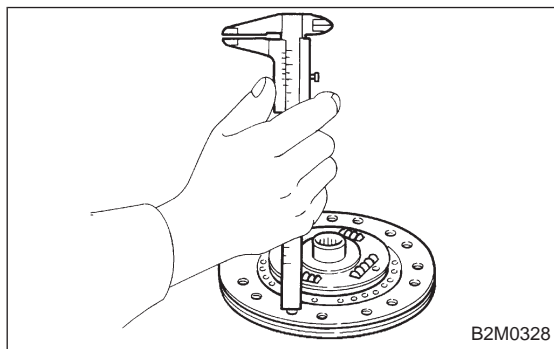
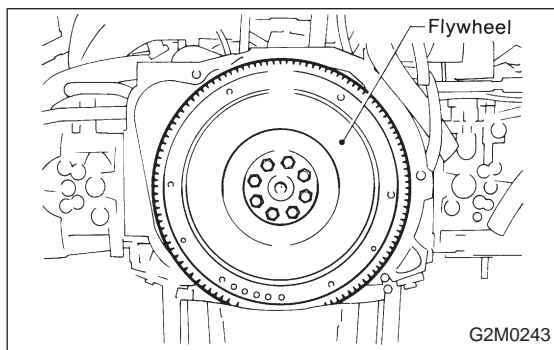
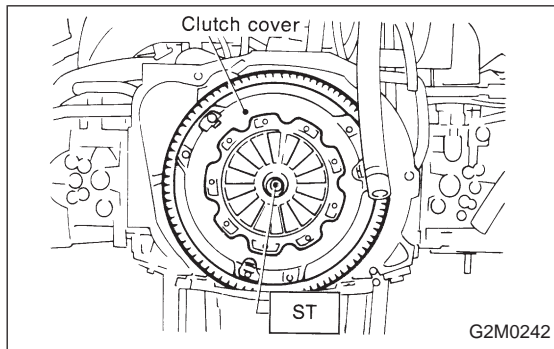
- Apply grease (SUNLIGHT 2: P/N 003602010) to contact point of release lever and operating cylinder.
- Confirm that retainer spring is securely fitted by observing it through the main case hole.

- 2) Install release bearing ③ and fasten it with two clips ④.
- 3) Install release lever seal ⑤.
- 4) Install operating cylinder ⑥.

Tightening torque:

T: 37±3 N·m (3.8±0.3 kg-m, 27.5±2.2 ft-lb)

- 5) After remounting engine and transmission on body;
<Ref. to 2-11 [W3B0].>
- 6) Bleed air from oil line with the help of a co-worker.
<Ref. to 2-10 [W202].>



4. Clutch Disc and Cover

A: REMOVAL

- 1) Install ST on flywheel.
ST 498497100 CRANKSHAFT STOPPER
- 2) Remove clutch cover and clutch disc.

CAUTION:

- Take care not to allow oil on the clutch disc facing.
- Do not disassemble either clutch cover or clutch disc.

- 3) Remove flywheel.

B: INSPECTION

1. CLUTCH DISC

- 1) Facing wear
Measure the depth of rivet head from the surface of facing.
Replace if facings are worn locally or worn down to less than the specified value.

Depth of rivet head:

Standard value

1.3 — 1.9 mm (0.051 — 0.075 in)

Limit of sinking

0.3 mm (0.012 in)

CAUTION:

Do not wash clutch disc with any cleaning fluid.