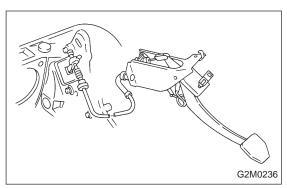
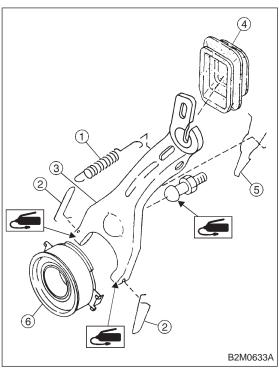
SERVICE PROCEDURE 2. On-Car Service - 3. Release Bearing and Lever



4) Depress clutch pedal to assure there is no abnormality in the clutch system.



## 3. Release Bearing and Lever

## A: REMOVAL

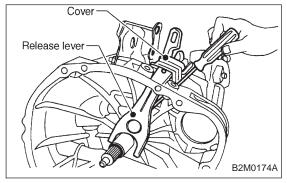
## 1. MECHANICAL APPLICATION TYPE

- 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.

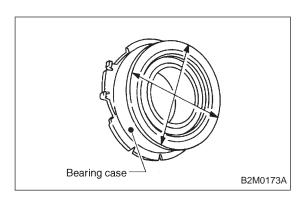
#### **CAUTION:**

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.



## **B: INSPECTION**

## 1. RELEASE BEARING

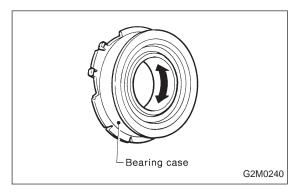
## **CAUTION:**

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

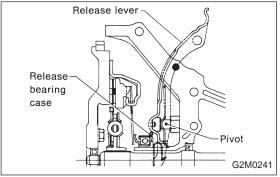
1) Check the bearing for smooth movement by applying force in the radial direction.

#### 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

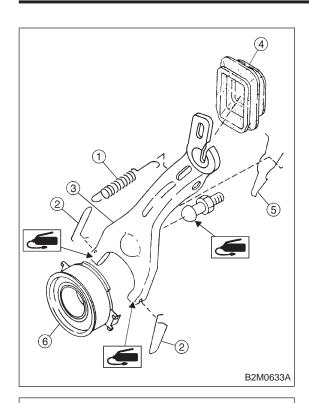
Check lever pivot portion and the point of contact with release bearing case for wear.

## 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.)



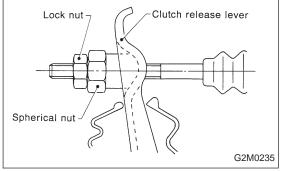
## 1. MECHANICAL APPLICATION TYPE

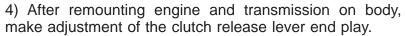
1) While pushing release lever ③ to pivot and twisting it to both sides, fit retainer spring ⑤ onto the constricted portion of pivot.

## 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).





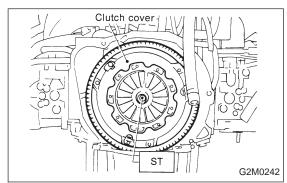
## **CAUTION:**

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.



# 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.

