4. Release Bearing and Lever

S504251

A: REMOVAL S504251A18

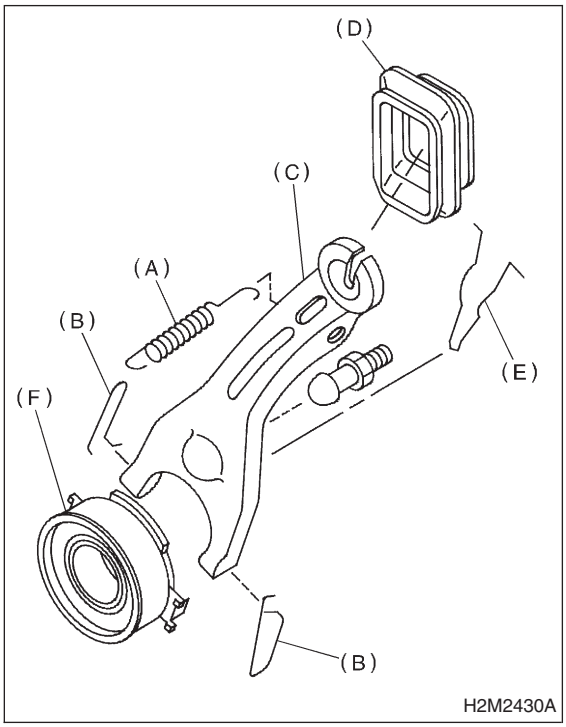
1. MECHANICAL APPLICATION TYPE

S504251A1801

1) Remove clutch release lever return spring.
2) Remove the two clips from clutch release lever and remove clutch release bearing.

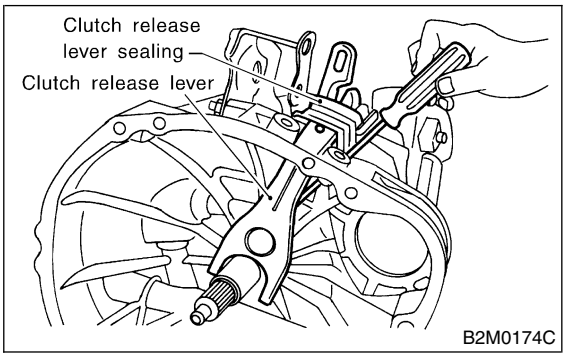
CAUTION:
Be careful not to deform clips.

3) Remove clutch release lever sealing.



(A) Clutch release lever return spring
(B) Clip
(C) Clutch release lever
(D) Clutch release lever sealing
(E) Retainer spring
(F) Clutch release bearing

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

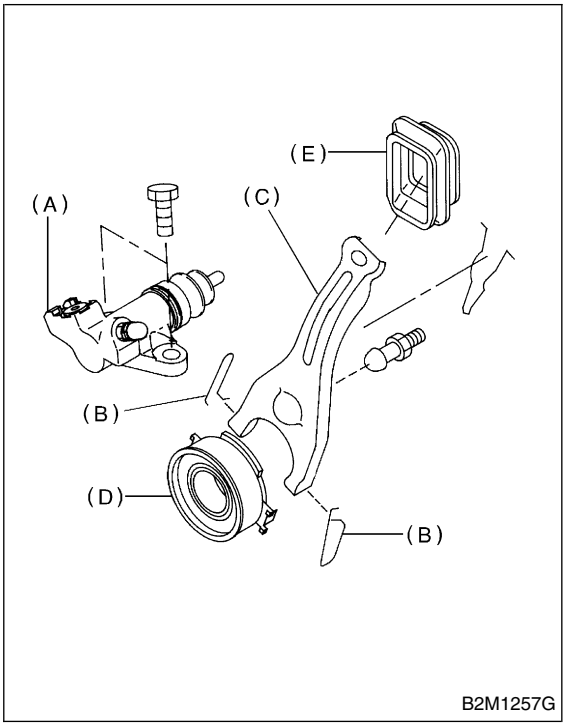


2. HYDRAULIC APPLICATION TYPE S504251A1802

1) Remove transmission assembly from vehicle body.
<Ref. to MT-27 REMOVAL, Manual Transmission Assembly.>
2) Remove the two clips from clutch release lever and remove clutch release bearing.

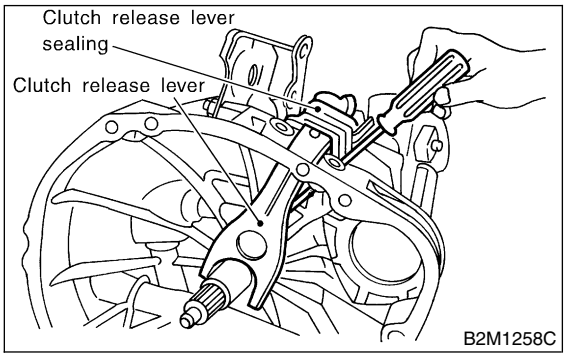
CAUTION:
Be careful not to deform clips.

3) Remove cluthch release lever sealing.



(A) Operating cylinder
(B) Clip
(C) Clutch release lever
(D) Clutch release bearing
(E) Clutch release lever sealing

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



B: INSTALLATION S504251A11

1. MECHANICAL APPLICATION TYPE

S504251A1101

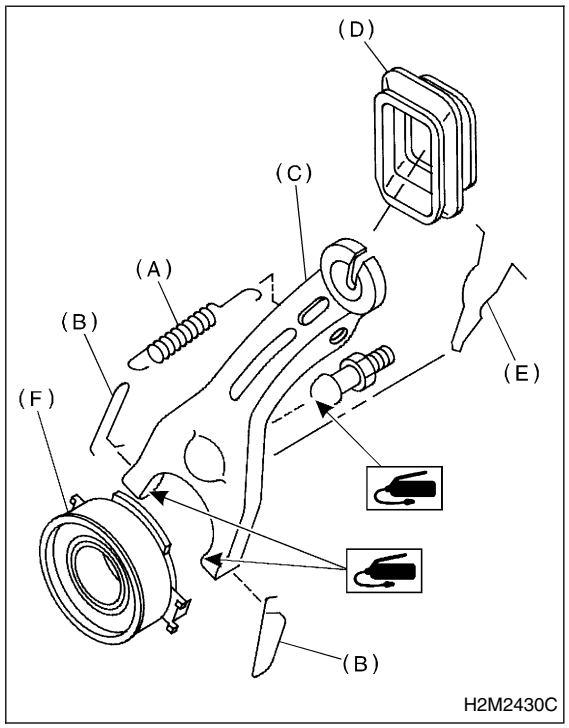
CAUTION:
Before or during assembling, lubricate the following points with a light coat of grease.
- **Contact surface of lever and pivot**
- **Contact surface of lever and bearing**
- **Transmission main shaft spline (Use grease containing molybdenum disulphide.)**

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

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

2) Install clutch release bearing and fasten it with two clips.

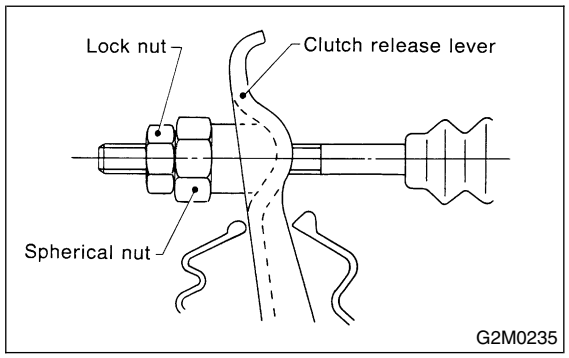
3) Install clutch release lever sealing.



(A) Clutch release lever return spring
(B) Clip
(C) Clutch release lever
(D) Clutch release lever sealing
(E) Retainer spring
(F) Clutch release bearing

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 clutch release lever return spring.

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

2. HYDRAULIC APPLICATION TYPE S504251A1102

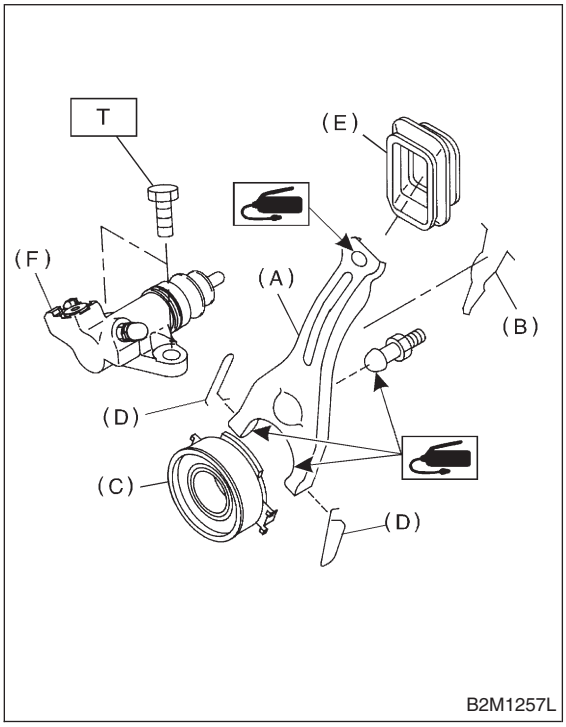
CAUTION:
Before or during assembling, lubricate the following points with a light coat of grease.
- **Inner groove of clutch release bearing**
- **Contact surface of lever and pivot**
- **Contact surface of lever and bearing**
- **Transmission main shaft spline (Use grease containing molybdenum disulphide.)**

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

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

2) Install clutch release bearing and fasten it with two clips.
3) Install clutch release lever sealing.
4) Install operating cylinder.

Tightening torque:
T: 37 N·m (3.8 kgf-m, 27.5 ft-lb)



(A) Clutch release lever
(B) Retainer spring
(C) Clutch release bearing
(D) Clip
(E) Clutch release lever sealing
(F) Operating cylinder

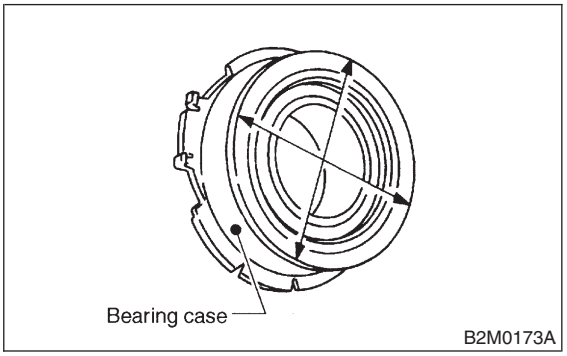
5) After remounting engine and transmission on body.
<Ref. to MT-31 INSTALLATION, Manual Transmission Assembly.>
6) Bleed air from oil line with the help of a coworker.
<Ref. to CL-21 PROCEDURE, Clutch Fluid Air Bleeding.>

C: INSPECTION S504251A10

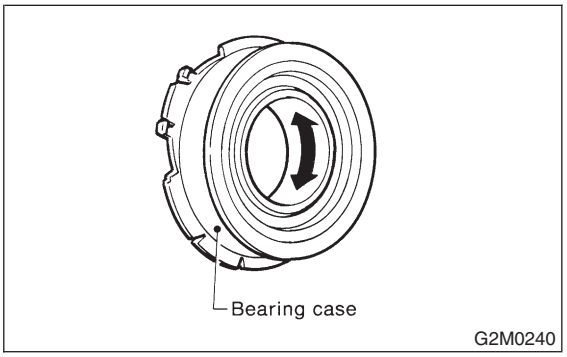
1. RELEASE BEARING S504251A1001

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.



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 S504251A1002

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