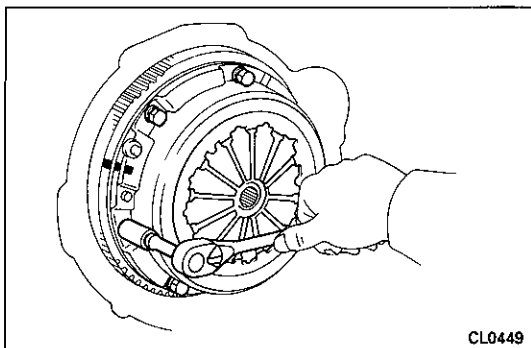
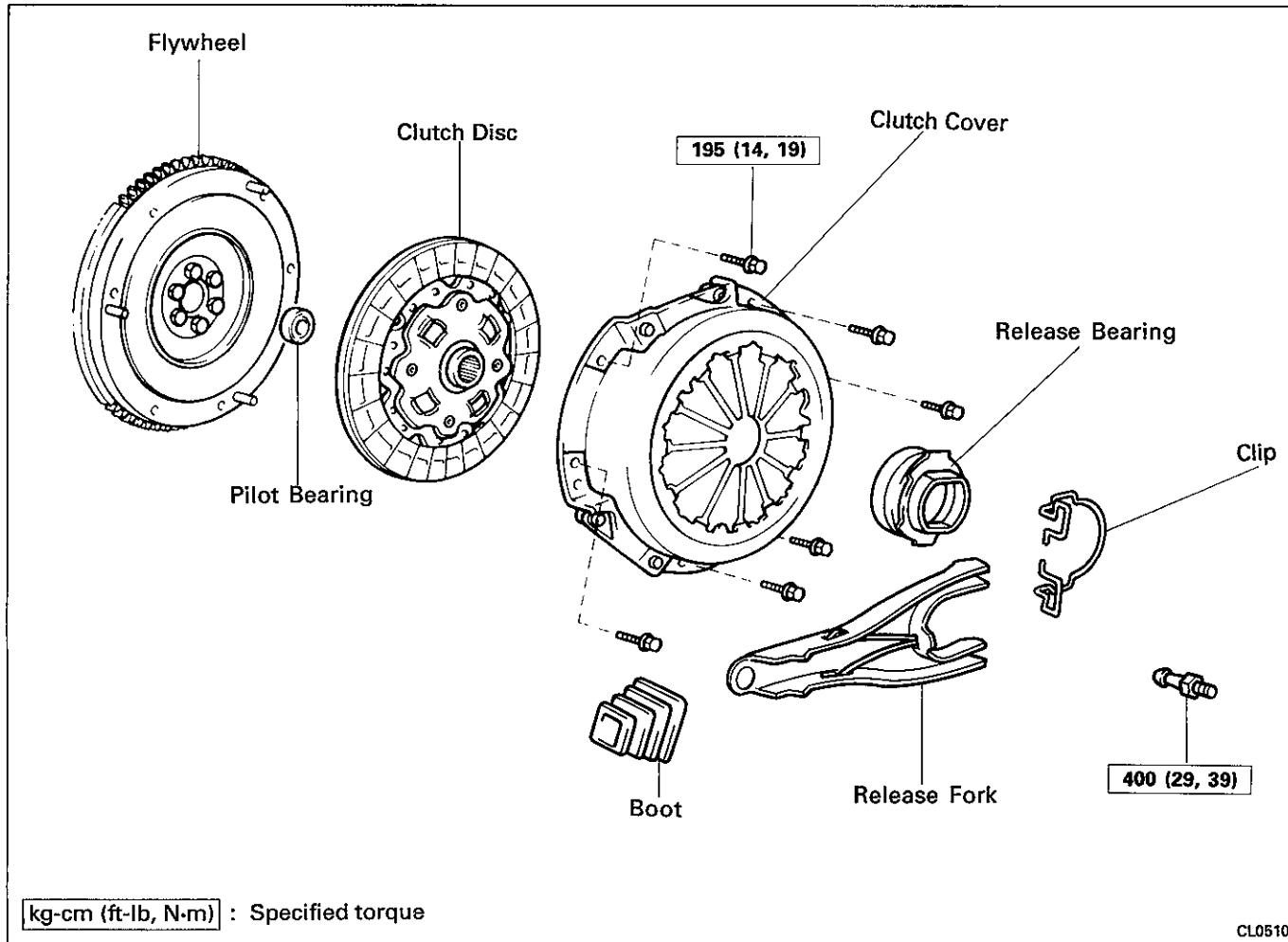


CLUTCH UNIT COMPONENTS



REMOVAL OF CLUTCH UNIT

1. REMOVE TRANSMISSION

(See page MT-4)

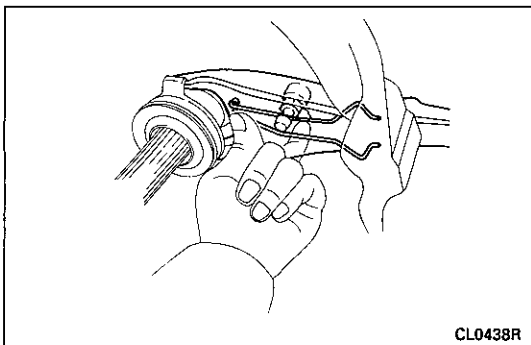
HINT: Do not drain the transmission oil.

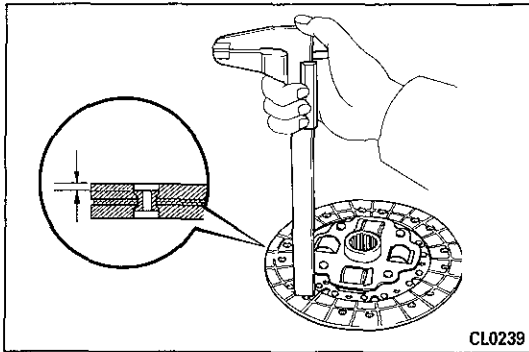
2. REMOVE CLUTCH COVER AND DISC

- Place the matchmarks on the clutch cover and flywheel.
- Loosen each set bolt one turn at a time until the spring tension is released.
- Remove the set bolts and pull off the clutch cover and disc.

3. REMOVE RELEASE BEARING, FORK AND BOOT FROM TRANSMISSION

- Remove the clips and pull off the bearing and hub.
- Remove the fork and boot.





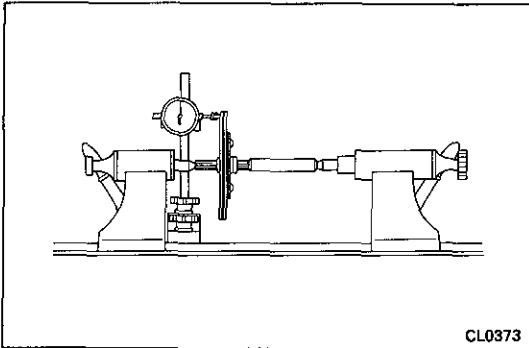
INSPECTION OF CLUTCH PARTS

1. INSPECT CLUTCH DISC FOR WEAR OR DAMAGE

Using calipers, measure the rivet head depth.

Minimum rivet depth: 0.3 mm (0.012 in.)

If a problem is found, replace the clutch disc.

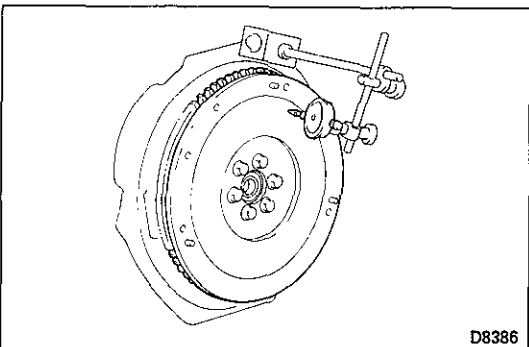


2. INSPECT CLUTCH DISC RUNOUT

Using a dial indicator, check the disc runout.

Maximum runout: 0.8 mm (0.031 in.)

If runout is excessive, replace the disc.

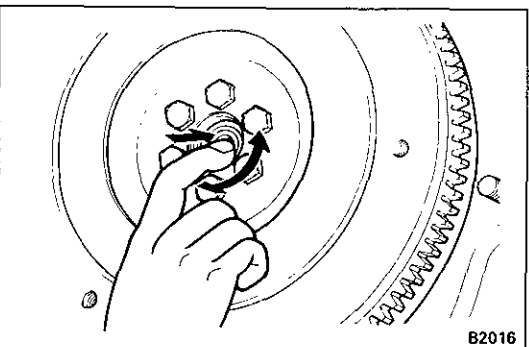


3. INSPECT FLYWHEEL RUNOUT

Using a dial indicator, check the flywheel runout.

Maximum runout: 0.2 mm (0.008 in.)

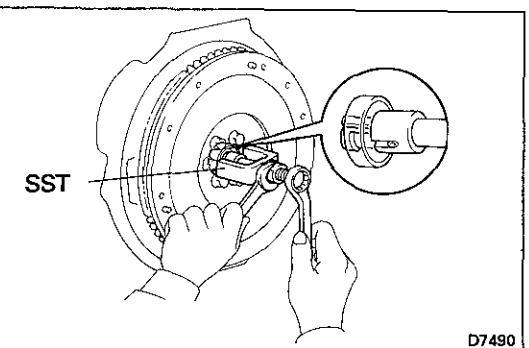
If runout is excessive, replace the flywheel.



4. INSPECT PILOT BEARING

Turn the bearing by hand while applying force in the axial direction.

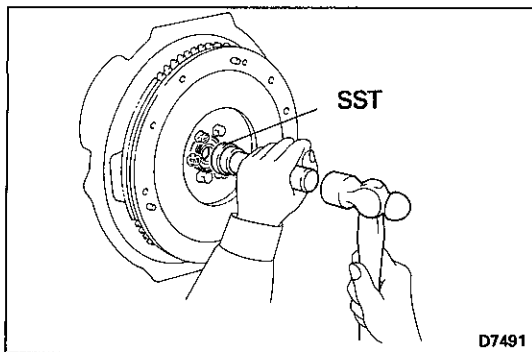
If the bearing sticks or has much resistance, replace the pilot bearing.



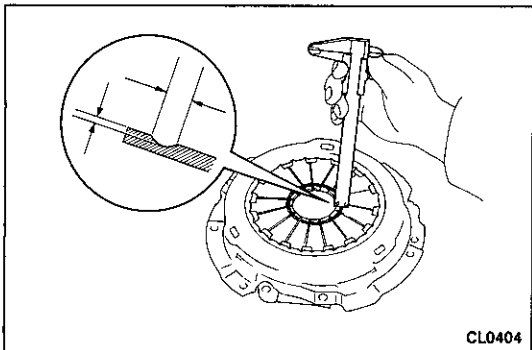
5. IF NECESSARY, REPLACE PILOT BEARING

(a) Using SST, remove the pilot bearing.

SST 09303-35011



- (b) Using SST, install a new pilot bearing.
SST 09304-30012

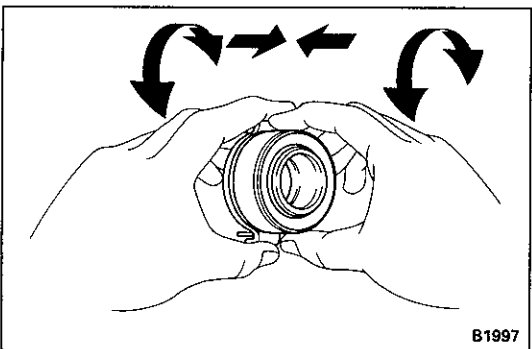


6. INSPECT DIAPHRAGM SPRING FOR WEAR

Using calipers, measure the diaphragm spring for depth and width of wear.

Limit: Depth 0.6 mm (0.024 in.)
Width 5.0 mm (0.197 in.)

If necessary, replace the clutch cover.

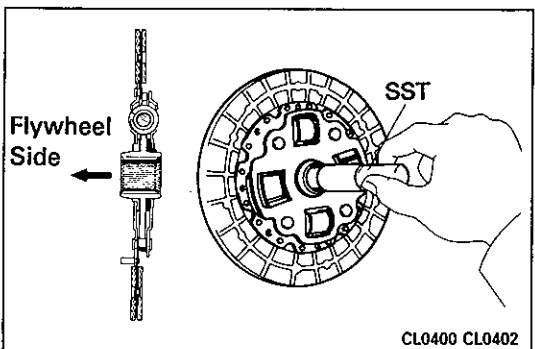


7. INSPECT RELEASE BEARING

Turn the bearing by hand while applying force in the rotation direction.

If the bearing sticks or has much resistance, replace the release bearing assembly.

HINT: The bearing is permanently lubricated and requires no cleaning or lubrication.



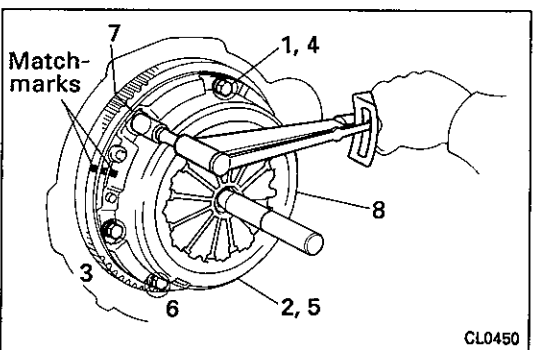
INSTALLATION OF CLUTCH UNIT

(See page CL-10)

1. INSTALL CLUTCH DISC ON FLYWHEEL

Using SST, install the disc on the flywheel.

SST 09301-20020



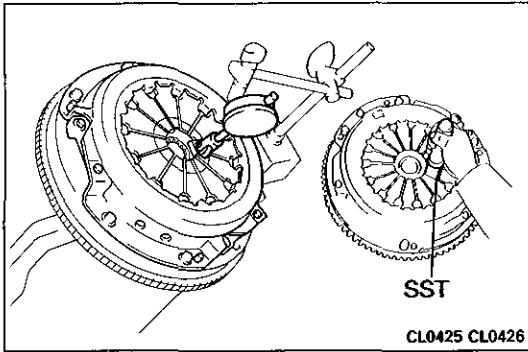
2. INSTALL CLUTCH COVER

(a) Align the matchmarks on the clutch cover and flywheel.

(b) Torque the bolts on the clutch cover in the order shown.

Torque: 195 kg-cm (14 ft-lb, 19 N·m)

HINT: Temporarily tighten the No.1 and No.2 bolts.

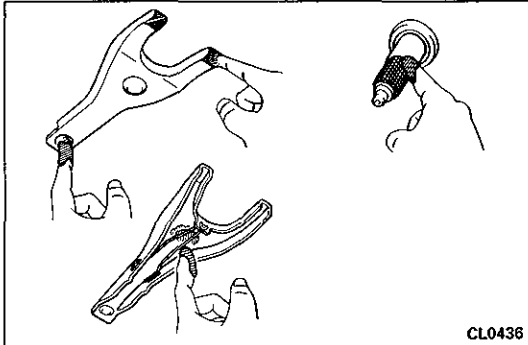
**3. CHECK DIAPHRAGM SPRING TIP ALIGNMENT**

Using a dial indicator with roller instrument, check the diaphragm spring tip alignment.

Maximum non-alignment: 0.5 mm (0.020 in.)

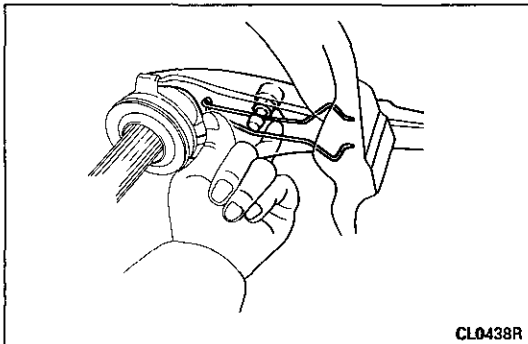
If alignment is not as specified, using SST, adjust the diaphragm spring tip alignment.

SST 09333-00013

**4. APPLY MOLYBDENUM DISULPHIDE LITHIUM BASE GREASE (NLGI NO.2) OR MP GREASE**

Apply molybdenum disulphide lithium base grease to the following parts:

- Release fork and hub contact point
- Release fork and push rod contact point
- Release fork pivot point
- Clutch disc spline

**5. INSTALL BOOT, FORK, HUB AND BEARING ON TRANSMISSION****6. INSTALL TRANSMISSION**

