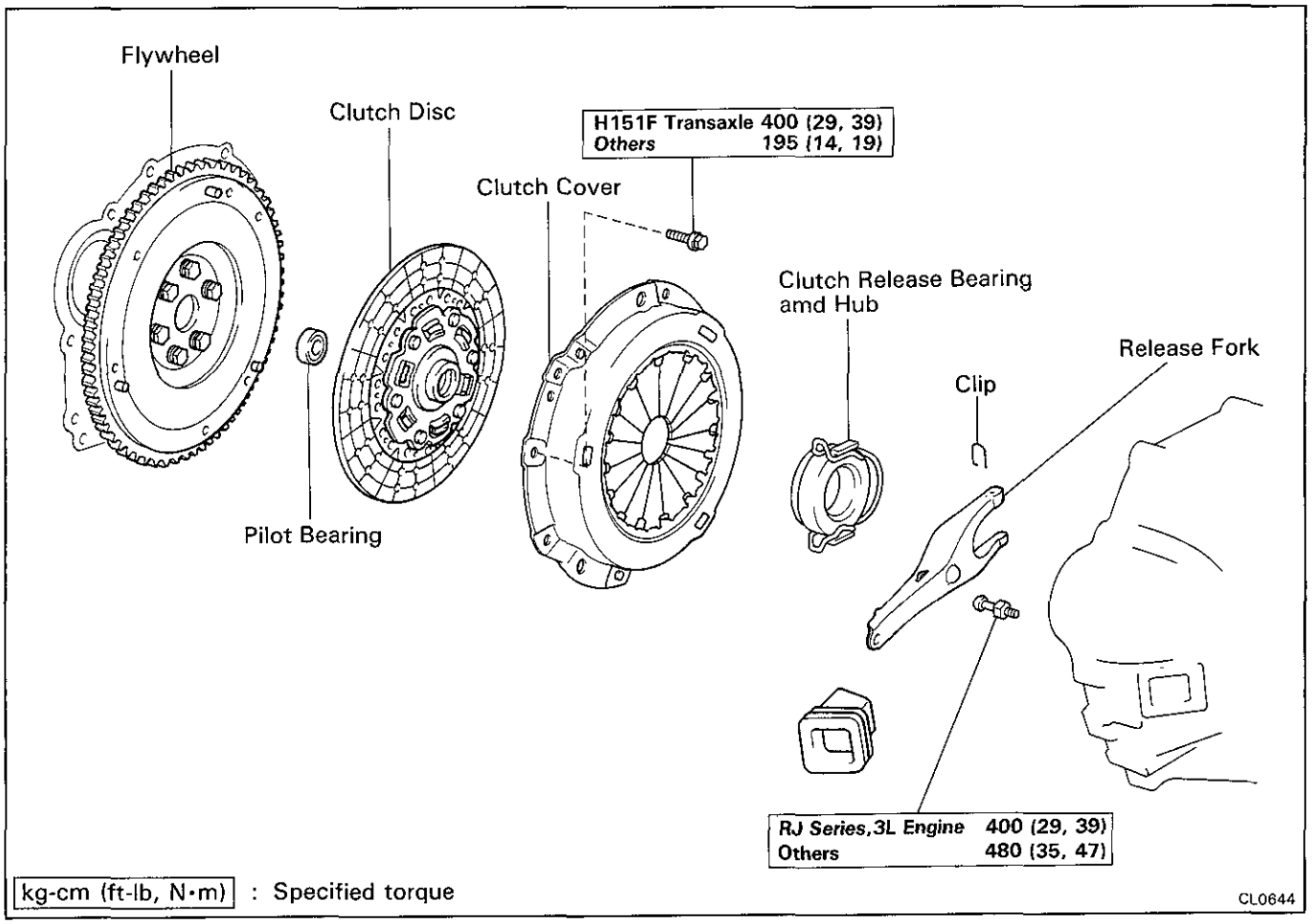
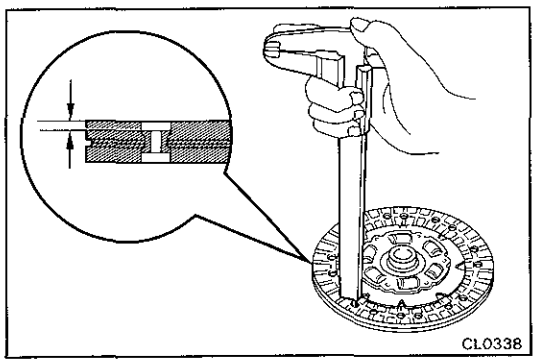
CLUTCH UNIT

REMOVAL OF CLUTCH UNIT

Remove the parts as shown.





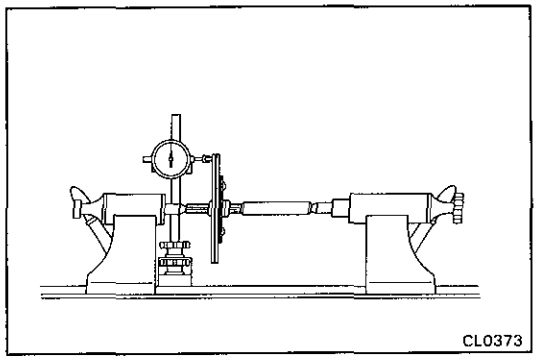
INSPECTION OF CLUTCH PARTS

1. **INSPECT CLUTCH DISC FOR WEAR OR DAMAGE**

   Using calipers, measure the rivet head depth.

   Maximum rivet depth: 0.3 mm (0.012 in.)

   If a problem is found, replace the clutch disc.

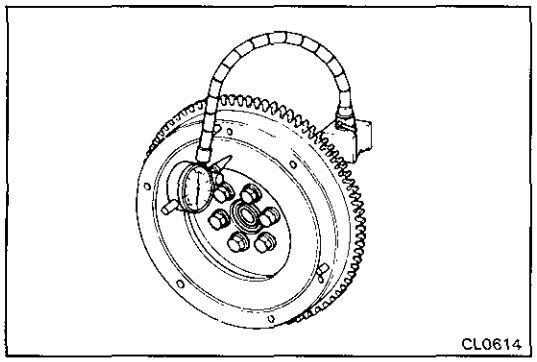


2. **INSPECT CLUTCH DISC RUNOUT**

   Using a dial indicator, check the disc runout.

   Maximum runout: 0.8 mm (0.031 in.)

   If runout is excessive, replace the clutch disc.

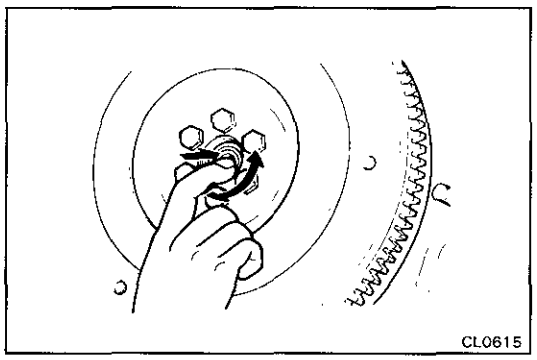


3. **INSPECT FLYWHEEL RUNOUT**

Using a dial indicator, check the flywheel runout.

Maximum runout: 0.1 mm (0.004 in.)

If runout is excessive, replace the flywheel.

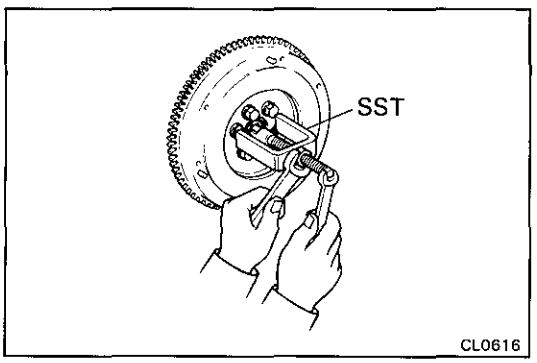


4. **INSPECT PILOT BEARING**

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

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

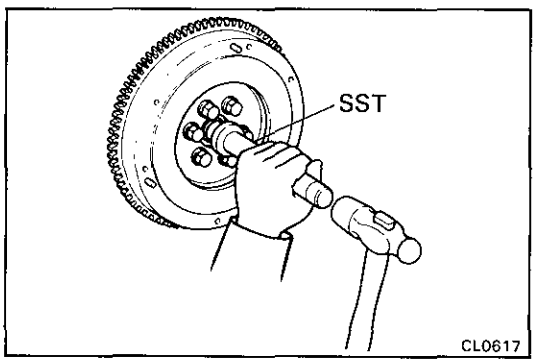
HINT: The bearing is permanently lubricated and requires no cleaning or lubrication.



5. **IF NECESSARY, REPLACE PILOT BEARING**

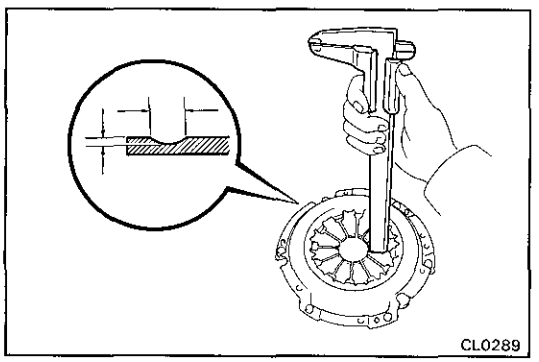
(a) Using SST, remove the pilot bearing.

SST 09303-35011



(b) Using SST, install the pilot bearing.

SST 09304-30012

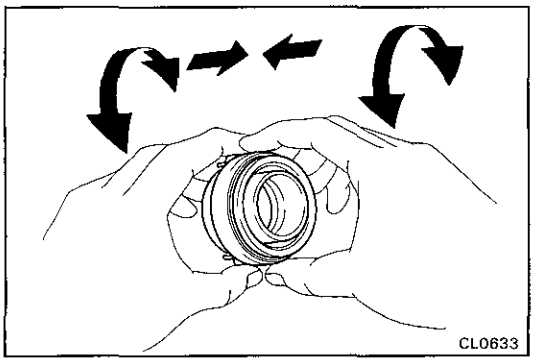


6. **INSPECT DIAPHRAGM SPRING FOR WEAR**

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

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

If necessary, replace the clutch cover.

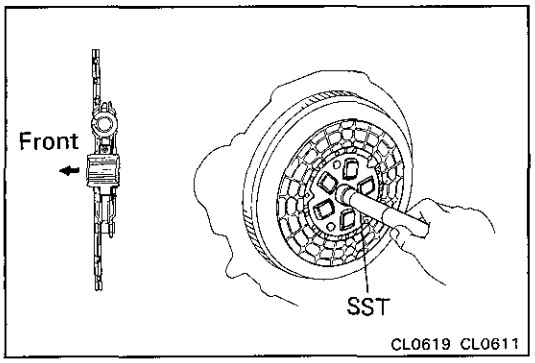


7. INSPECT RELEASE BEARING

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

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

If a problem is found, replace th bearing.

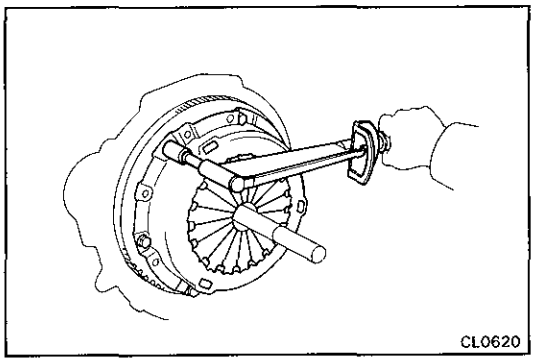


INSTALLATION OF CLUTCH UNIT (MAIN POINT OF INSTALLATION)

1. INSTALL CLUTCH DISC AND COVER ON FLYWHEEL

(a) Insert the SST in the clutch disc, and then set them and the cover in position.

SST 09301-55022



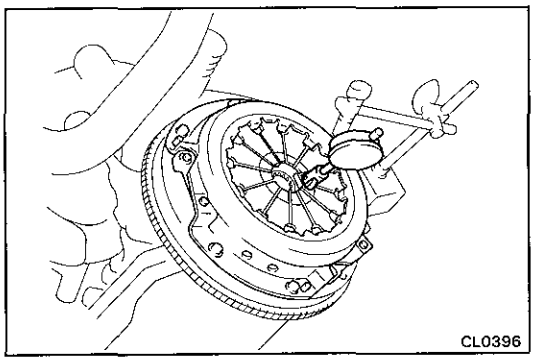
2. INSTALL CLUTCH COVER

(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)

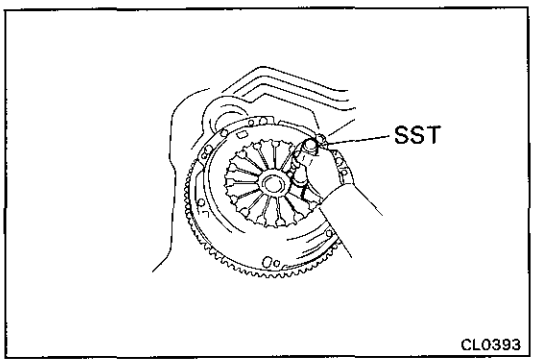
HINT: Temporarily tighten the No.1 and No.2 bolts.



3. CHECK DIAPHRAGM SPRING TIP ALIGNMENT

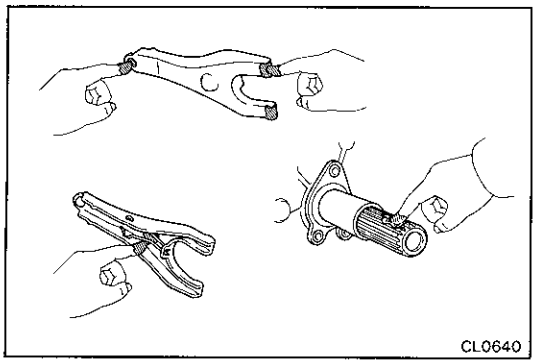
Using dial indicator, check the diaphragm spring tip alignment.

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) AS SHOWN**