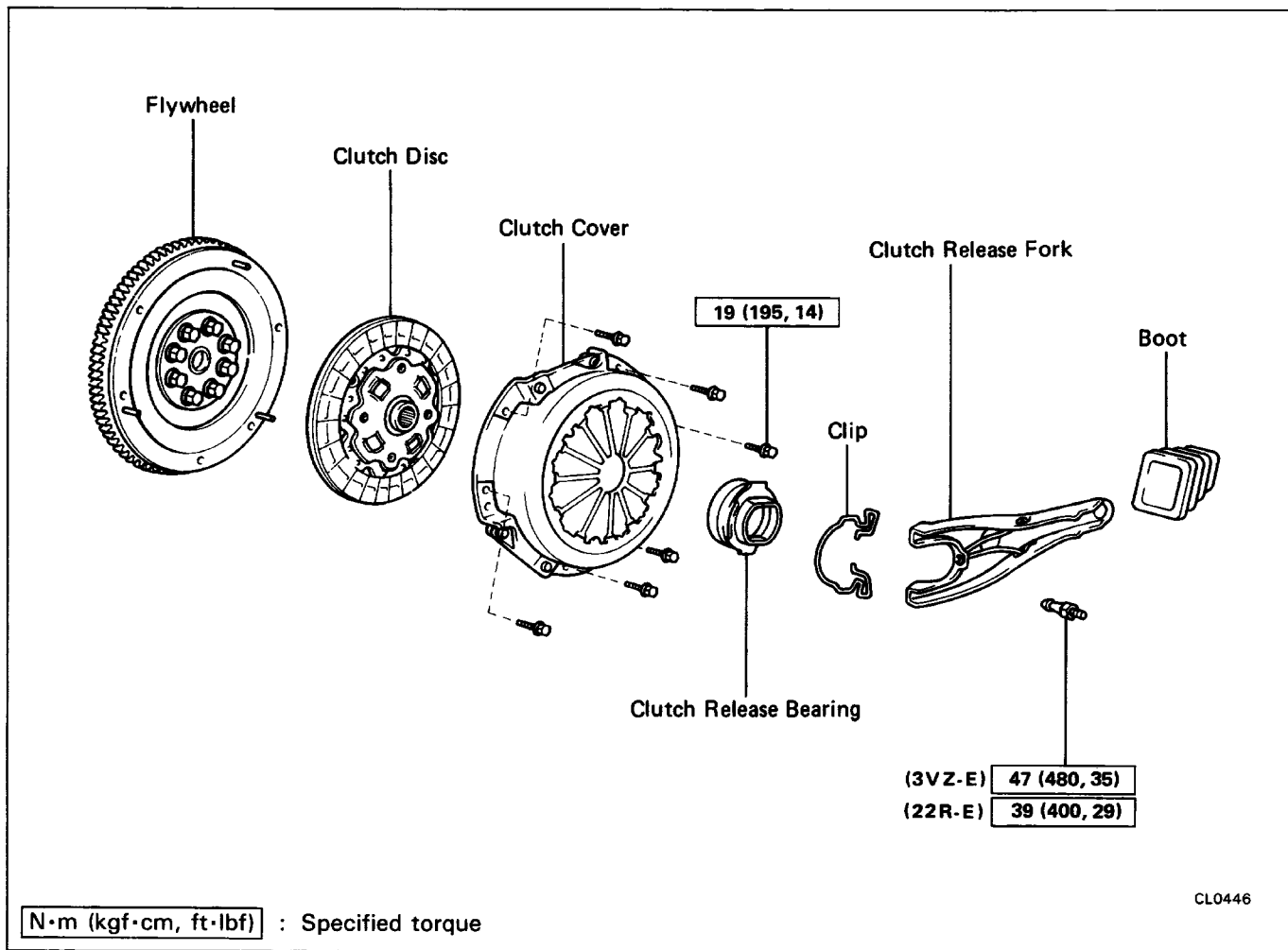


# CLUTCH UNIT COMPONENTS



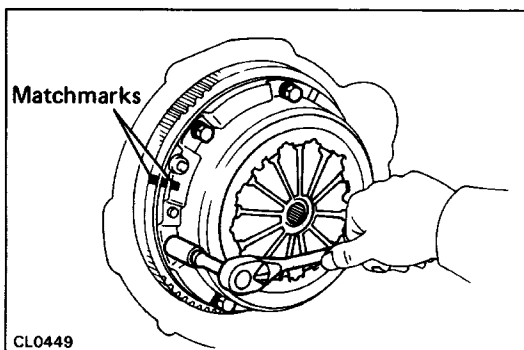
## REMOVAL OF CLUTCH UNIT

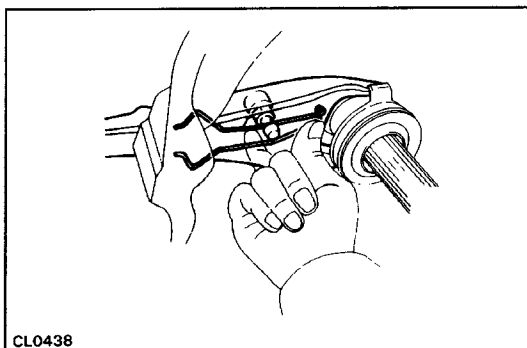
### 1. REMOVE TRANSMISSION (See pages MT-4, TF-5)

HINT: Do not drain the transmission oil.

### 2. REMOVE CLUTCH COVER AND DISC

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

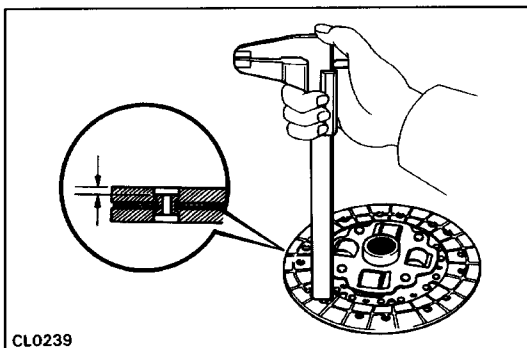




CL0438

### 3. REMOVE BEARING, HUB AND FORK FROM TRANSMISSION

- (a) Remove the retaining clip pull off the bearing.
- (b) Remove the fork and boot.



CL0239

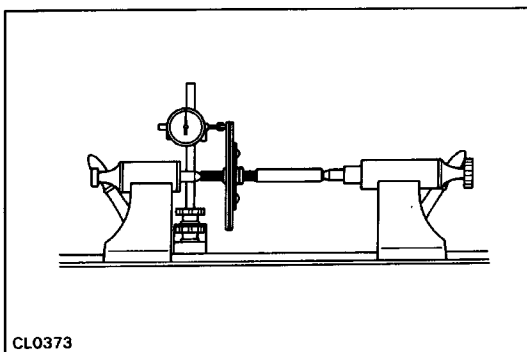
### INSPECTION OF CLUTCH PARTS

#### 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, repair or replace the clutch disc.



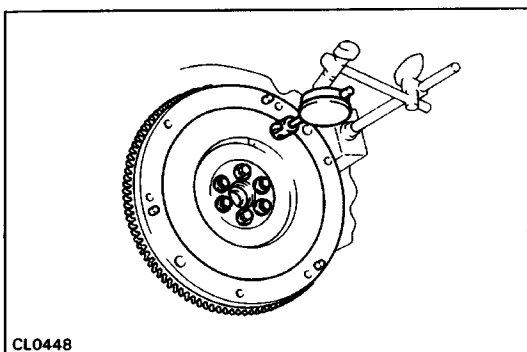
CL0373

#### 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.



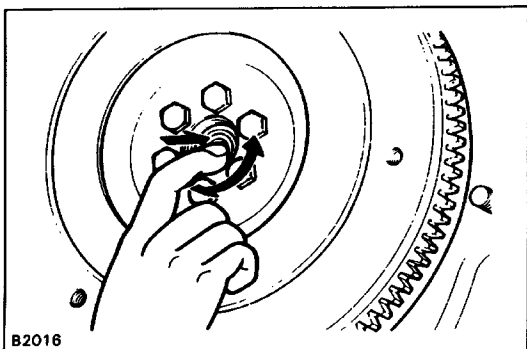
CL0448

#### 3. INSPECT FLYWHEEL RUNOUT

Using a dial indicator, check the flywheel runout.

**Maximum runout: 0.1 mm (0.004 in.)**

If runout is excessive, repair or replace flywheel.



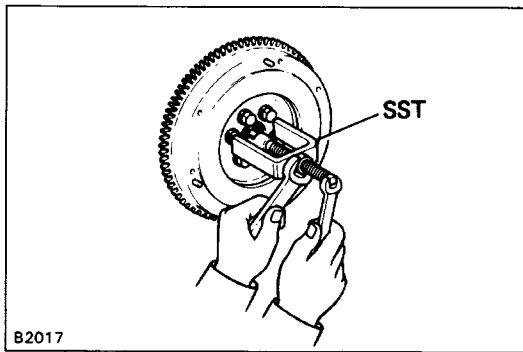
B2016

#### 4. INSPECT PILOT BEARING

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

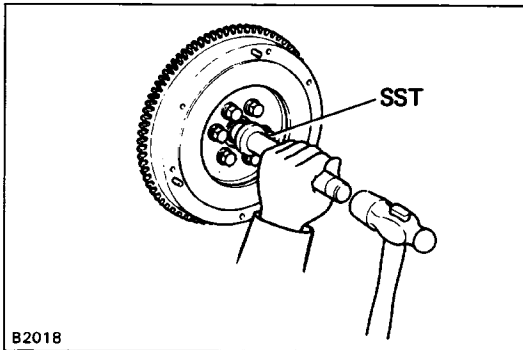


B2017

## 5. IF NECESSARY, REPLACE PILOT BEARING

(a) Using SST, remove the pilot bearing.

SST 09303-35011

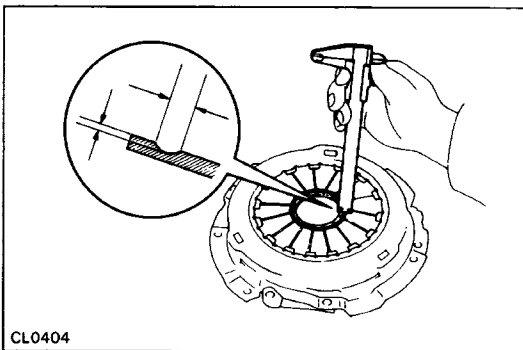


B2018

(b) Using SST, install the pilot bearing.

SST 09304-30012

HINT: After assembling the pilot bearing to the hud, insure that it rotates smoothly.



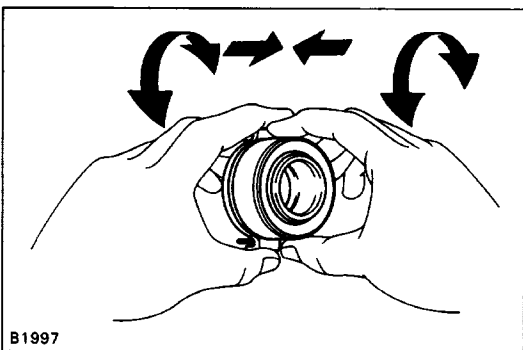
CL0404

## 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.)**



B1997

## 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.

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

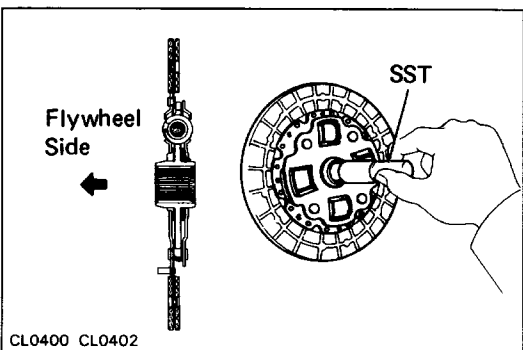
## INSTALLATION OF CLUTCH UNIT

(See page [CL-12](#))

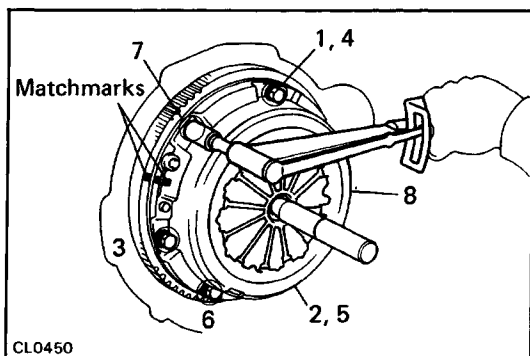
### 1. INSTALL DISC ON FLYWHEEL

Using SST, install the disc on the flywheel.

SST 09301-20020



CL0400 CL0402

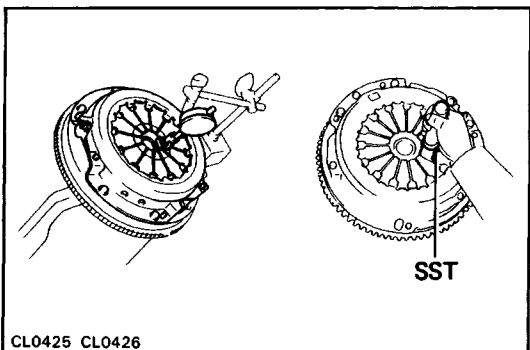


## 2. INSTALL CLUTCH COVER

- (a) Align the matchmarks on the clutch cover and fly-wheel.
- (b) Torque the bolts on the clutch cover in the order shown.

**Torque: 19 N-m (195 kgf-cm, 14 ft-lbf)**

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



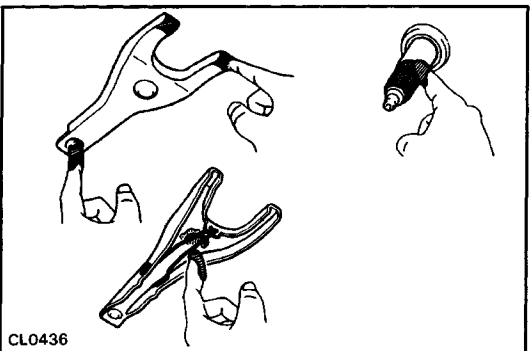
## 3. CHECK DIAPHRAGM SPRING TIP ALIGNMENT

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.

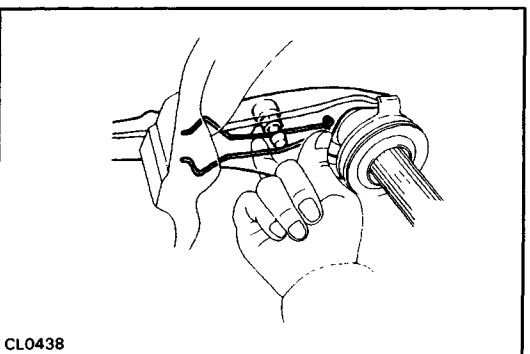
SST 09333-00013



## 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

(See pages MT-5, TF-4)