

# ENGINE REAR OIL SEAL

## REMOVAL

### 1. REMOVE MANUAL TRANSMISSION UNIT ASSEMBLY

Transmission	See page
R155	<a href="#">MT-6</a>
R155F	<a href="#">MT-8</a>

### 2. REMOVE AUTOMATIC TRANSMISSION ASSEMBLY (See page [AT-113](#))

### 3. REMOVE CLUTCH COVER ASSEMBLY (for Manual Transmission)

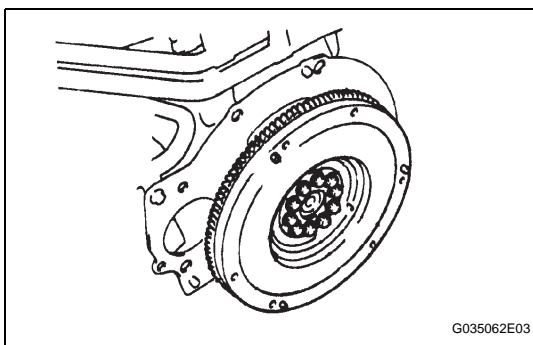
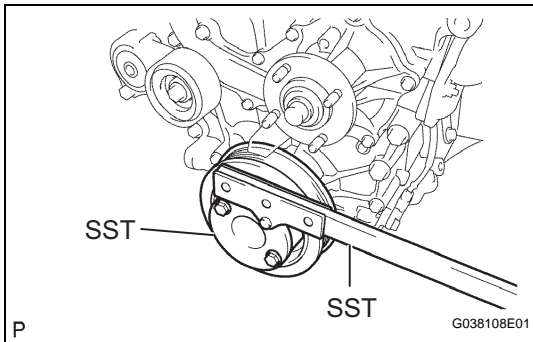
Transmission	See page
R155	<a href="#">CL-30</a>
R155F	<a href="#">CL-35</a>

### 4. REMOVE CLUTCH DISC ASSEMBLY (for Manual Transmission)

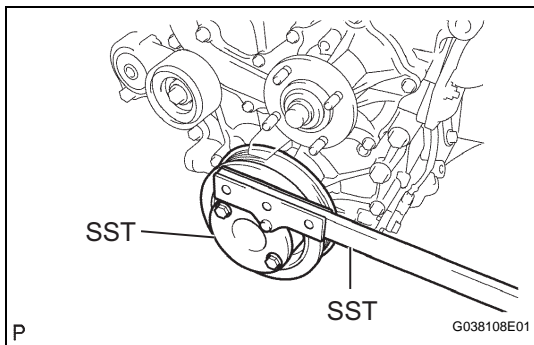
Transmission	See page
R155	<a href="#">CL-30</a>
R155F	<a href="#">CL-35</a>

### 5. REMOVE FLYWHEEL SUB-ASSEMBLY (for Manual Transmission)

- (a) Using SST, hold the crankshaft pulley.  
**SST 09213-54015 (91651-60855), 09330-00021**



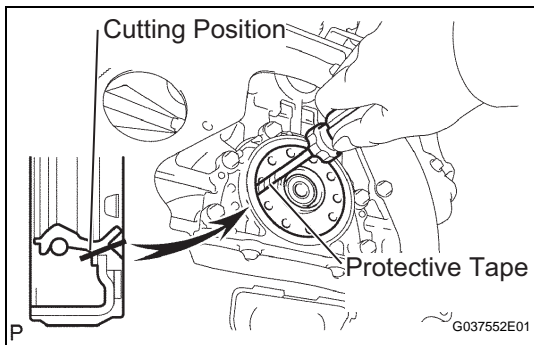
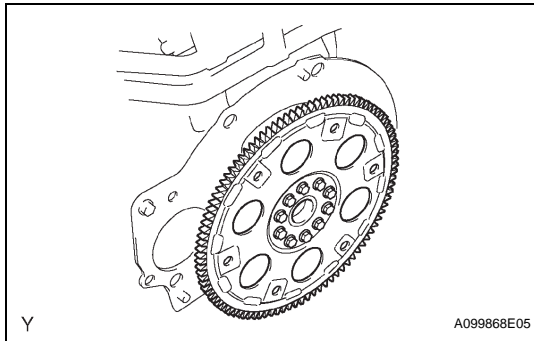
- (b) Remove the 10 bolts, then remove the flywheel.



## 6. REMOVE DRIVE PLATE and RING GEAR SUB-ASSEMBLY (for Automatic Transmission)

- (a) Using SST, hold the crankshaft pulley.  
**SST 09213-54015 (91651-60855), 09330-00021**

- (b) Remove the 10 bolts, drive plate spacer rear, drive plate and ring gear and drive plate spacer front.

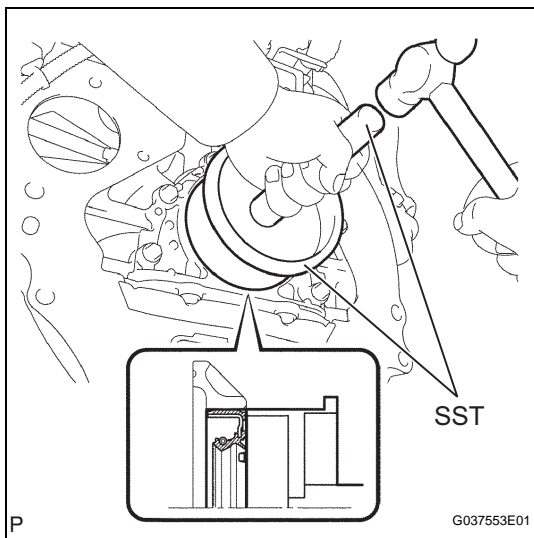


## 7. REMOVE ENGINE REAR OIL SEAL

- (a) Using a cutter knife, cut off the lip of the oil seal.  
 (b) Using a screwdriver with its tip wrapped in tape, pry out the oil seal and remove it.

### NOTICE:

**Check the crankshaft for damage after removing the oil seal. If damaged, smooth the surface with 400-grit sandpaper.**



## INSTALLATION

### 1. INSTALL ENGINE REAR OIL SEAL

- (a) Apply a light coat of MP grease to the lip of a new oil seal.

### NOTICE:

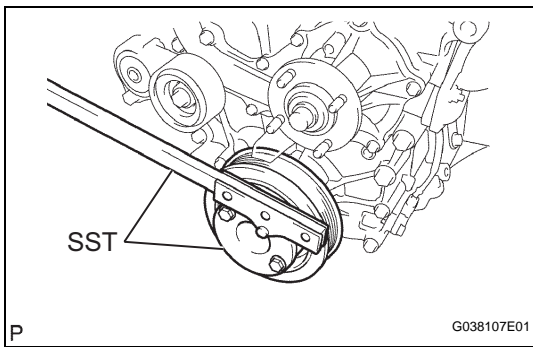
**Keep the lip free of foreign objects.**

- (b) Using SST and a hammer, tap the oil seal in until its surface is flush with the rear oil seal retainer edge.

**SST 09223-15030, 09950-70010 (09951-07150)**

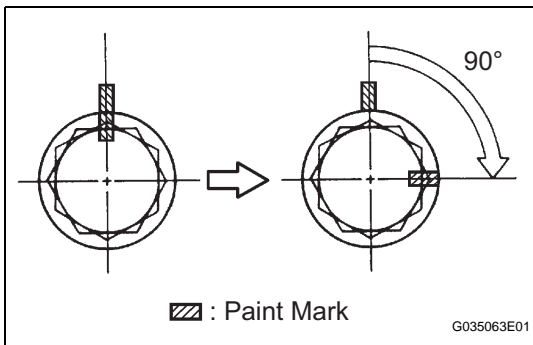
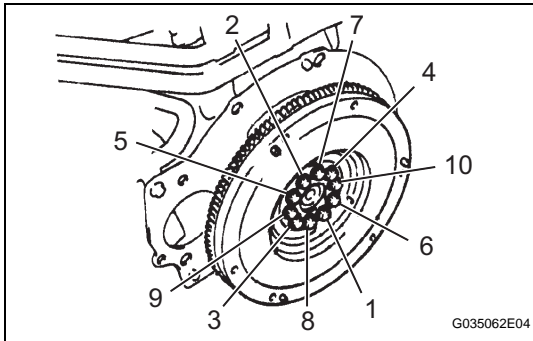
### NOTICE:

- Do not tap the oil seal in at an angle.
- Wipe any extra grease off the crankshaft.



## 2. INSTALL FLYWHEEL SUB-ASSEMBLY (for Manual Transmission)

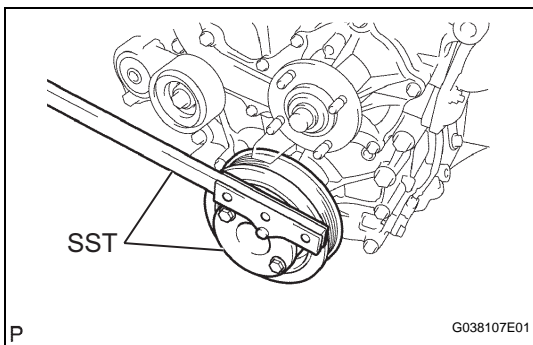
- Clean the 10 bolts and 10 bolt holes.
- Apply adhesive to 2 or 3 threads of the 10 bolts.  
**Adhesive:**  
**Part No. 08833-00070, THREE BOND 1324 or equivalent**
- Using SST, hold the crankshaft.  
**SST 09213-54015 (91651-60855), 09330-00021**
- Using several steps, uniformly install and tighten the 10 bolts in the sequence shown in the illustration.  
**Torque: 27 N\*m (270 kgf\*cm, 20 ft.\*lbf)**



- Mark the bolts with paint as shown in the illustration.
- Retighten the bolts by 90° in the same sequence as in step (d).
- Check that the paint mark of each bolt is at a 90° from the original position.

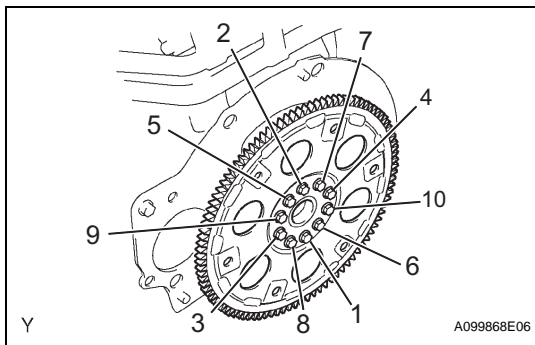
### **NOTICE:**

**Do not start the engine for at least 1 hour after installation.**



## 3. INSTALL DRIVE PLATE and RING GEAR SUB-ASSEMBLY (for Automatic Transmission)

- Clean the 10 bolts and 10 bolt holes.
- Apply adhesive to 2 or 3 threads of the 10 bolts.  
**Adhesive:**  
**Part No. 08833-00070, THREE BOND 1324 or equivalent**
- Provisionally install the drive plate spacer front, drive plate and ring gear and drive plate rear with the 10 bolts.
- Using SST, hold the crankshaft.  
**SST 09213-54015 (91651-60855), 09330-00021**



- (e) Using several steps, uniformly install and tighten the 10 bolts in the sequence shown in the illustration.

**Torque: 74 N\*m (755 kgf\*cm, 55 ft.\*lbf)**

**NOTICE:**

**Do not start the engine for at least 1 hour after installation.**

#### 4. INSTALL CLUTCH DISC ASSEMBLY (for Manual Transmission)

Transmission	See page
R155	<a href="#">CL-32</a>
R155F	<a href="#">CL-37</a>

**SST 09301-00210**

#### 5. INSTALL CLUTCH COVER ASSEMBLY (for Manual Transmission)

Transmission	See page
R155	<a href="#">CL-32</a>
R155F	<a href="#">CL-37</a>

#### 6. INSTALL MANUAL TRANSMISSION UNIT ASSEMBLY

Transmission	See page
R155	<a href="#">MT-9</a>
R155F	<a href="#">MT-11</a>

#### 7. INSTALL AUTOMATIC TRANSMISSION ASSEMBLY (See page [ED-7](#))

#### 8. CHECK FOR ENGINE OIL LEAKAGE