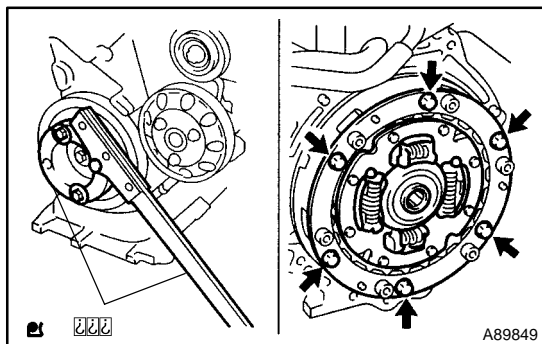


# ENGINE REAR OIL SEAL (1NZ-FXE)

## REPLACEMENT

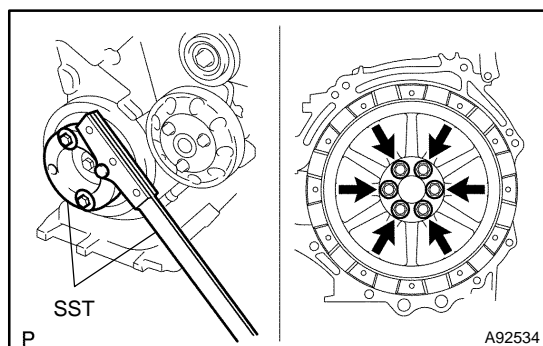
1410W-01

### 1. REMOVE HYBRID VEHICLE TRANSAXLE ASSY (See page 22-11)



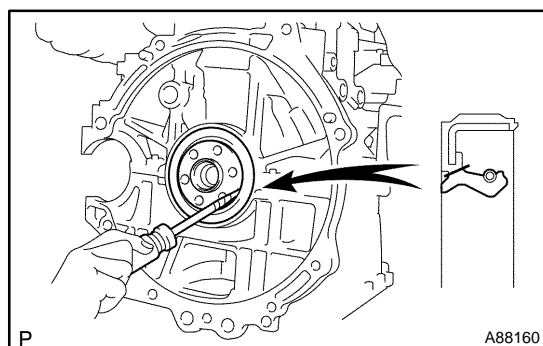
### 2. REMOVE TRANSMISSION INPUT DAMPER ASSY

- Using SST, hold the crankshaft.  
SST 09213-58013 (91111-50845), 09330-00021
- Remove the 6 bolts, then remove the input damper and input damper cover.



### 3. REMOVE FLYWHEEL SUB-ASSY

- Using SST, hold the crankshaft.  
SST 09213-58013 (91111-50845), 09330-00021
- remove the 6 bolts and flywheel.

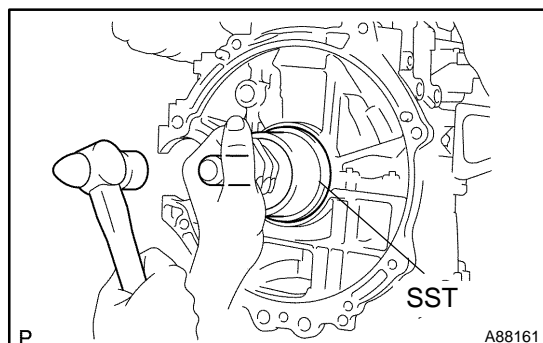


### 4. REMOVE ENGINE REAR OIL SEAL

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

#### NOTICE:

Check that the crankshaft is not damaged after removing the oil seal. If damaged, smooth the surface with 400-grit sandpaper.



### 5. INSTALL ENGINE REAR OIL SEAL

- Apply a light coat amount of multipurpose grease No. 2 to the lip of a new oil seal.

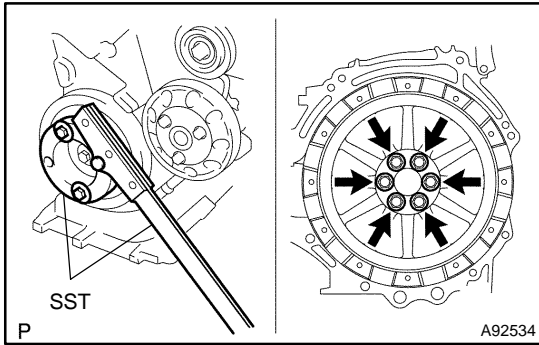
#### NOTICE:

Keep the lip free of foreign objects.

- Using SST, uniformly tap in the oil seal until its surface is flush with the cylinder block edge.  
SST 09223-56010

#### NOTICE:

- Be careful not to tap the oil seal at an angle.
- Wipe off extra grease on the crankshaft.



## 6. INSTALL FLYWHEEL SUB-ASSY

- (a) Apply adhesive to the 2 or 3 threads of the bolt end.

**Adhesive:**

**Part No. 08833-00070, THREE BOND 1324, or equivalent**

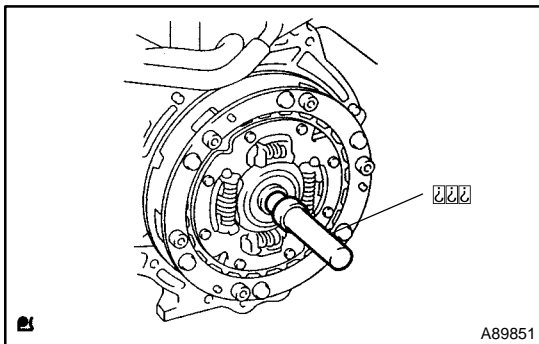
**NOTICE:**

**Remove any oil from the bolts and bolt holes.**

- (b) Using SST, hold the crankshaft.  
SST 09213-58013 (91111-50845), 09330-00021
- (c) Install the flywheel with the 6 bolts.  
**Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)**
- (d) After tightening the bolts with the specified torque, tighten each bolt by more 90°.

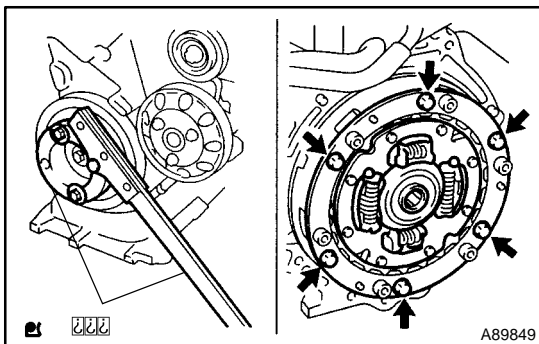
**NOTICE:**

**Do not start the engine within 1 hour of installation.**



## 7. INSTALL TRANSMISSION INPUT DAMPER ASSY

- (a) Using SST, align the hole of the input damper. Then temporarily tighten the input damper cover with the 6 bolts.  
SST 09301-00210



- (b) Using SST, hold the crankshaft.  
SST 09213-58013 (91111-50845), 09330-00021  
**Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)**

## 8. INSTALL HYBRID VEHICLE TRANSAXLE ASSY (See page 22-11)