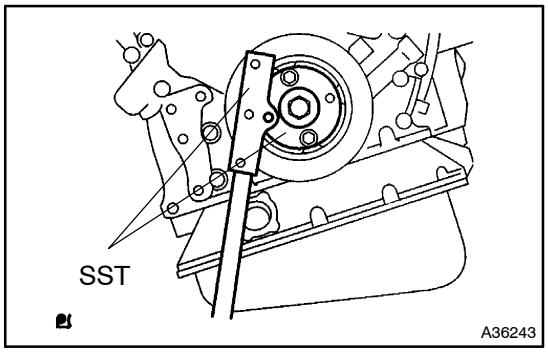
ENGINE REAR OIL SEAL (1MZ–FE)

140I9–01

REPLACEMENT

1. REMOVE AND INSTALL AUTOMATIC TRANSAXLE ASSY

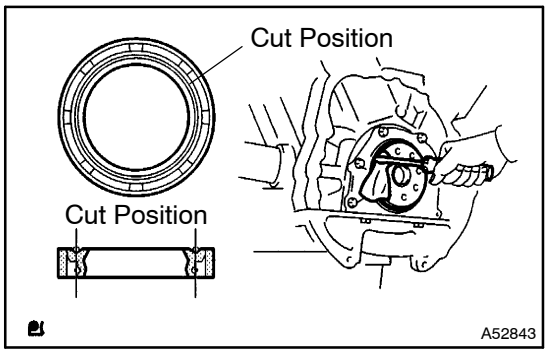
(See page 40–8)



2. REMOVE DRIVE PLATE & RING GEAR SUB–ASSY

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

(b) Remove the 8 bolts, rear spacer, drive plate and front spacer.



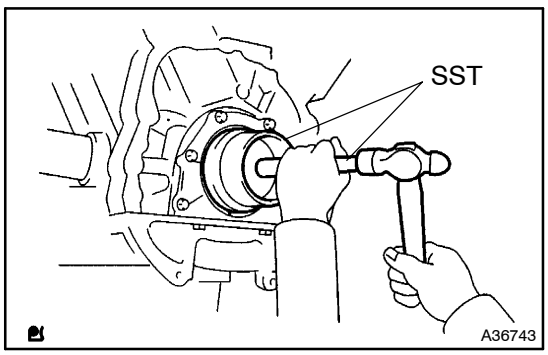
3. REMOVE ENGINE REAR OIL SEAL

(a) Using a knife, cut off the oil seal lip.

(b) Using a screwdriver with taping its tip, pry out the oil seal.

NOTICE:

After the removal, check if the crankshaft is not damaged. If it is damaged, mend it with a sandpaper (#400).



4. INSTALL ENGINE REAR OIL SEAL

(a) Apply MP grease to a new oil seal lip.

NOTICE:

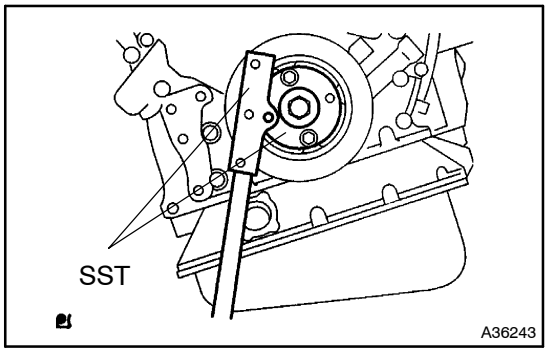
Keep the lip off foreign materials.

(b) Using SST and a hammer, tap in the oil seal until its surface is flush with the rear oil seal retainer edge.
SST 09223–15030, 09950–70010 (09951–07100)

NOTICE:

- **Be careful not to tap the oil seal slantingly.**
- **Wipe off extra grease on the crankshaft.**

5. INSTALL DRIVE PLATE & RING GEAR SUB–ASSY

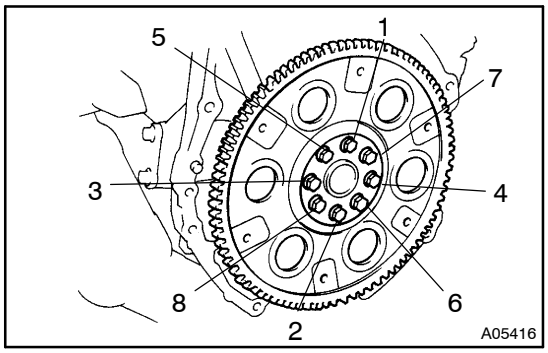


(a) Using SST, hold the crankshaft.
SST 09213–54015 (91651–60855), 09330–00021

(b) Clean the bolts and bolt holes.

(c) Apply adhesive to 2 or 3 threads of the bolts.
Adhesive: Part No. 08833–00070, THREE BOND 1324 or equivalent

(d) Install the front spacer, drive plate and rear spacer on the crankshaft.



(e) Install and uniformly tighten the 8 bolts in several passes, in the sequence shown.
Torque: 83 N·m (846 kgf·cm, 61 ft·lbf)

NOTICE:
Do not start the engine within an hour after installing.