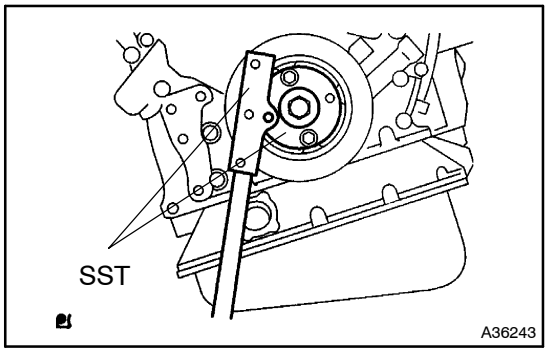
ENGINE REAR OIL SEAL (3MZ–FE)

141RT–01

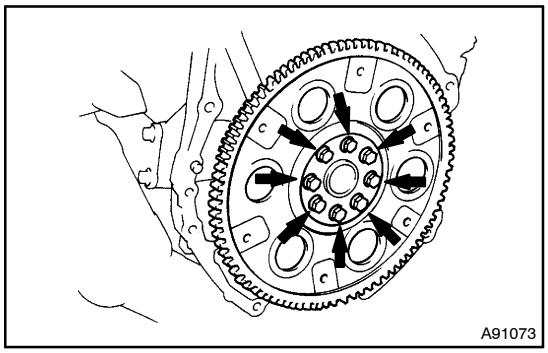
REPLACEMENT

1. REMOVE AUTOMATIC TRANSAXLE W/TRANSFER (See page 40–11)

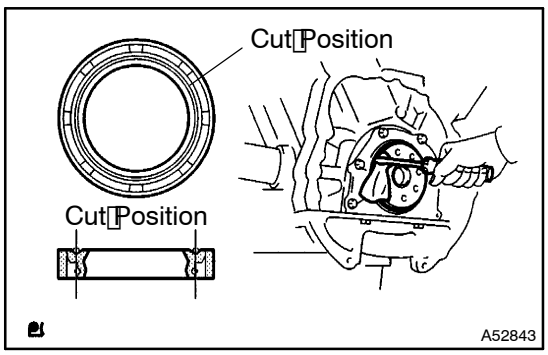


2. REMOVE DRIVE PLATE & RING GEAR SUB–ASSY

(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.

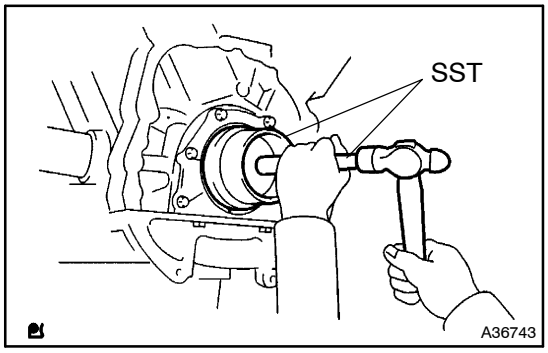


3. REMOVE ENGINE REAR OIL SEAL

(a) Using a knife, cut through the oil seal lip.
(b) Using a screwdriver with its tip wrapped in tape, pry out the oil seal.

NOTICE:

After the removal, check the crankshaft for damage. If it is damaged, smooth the surface with 400–grit sandpaper.



4. INSTALL ENGINE REAR OIL SEAL

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

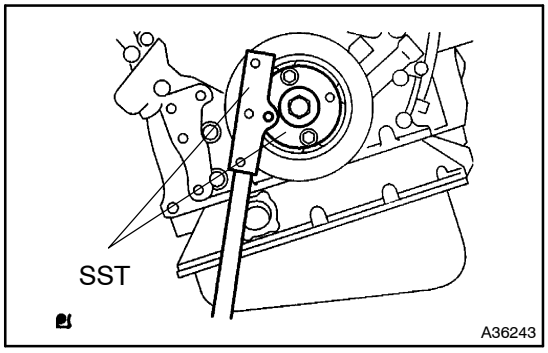
NOTICE:

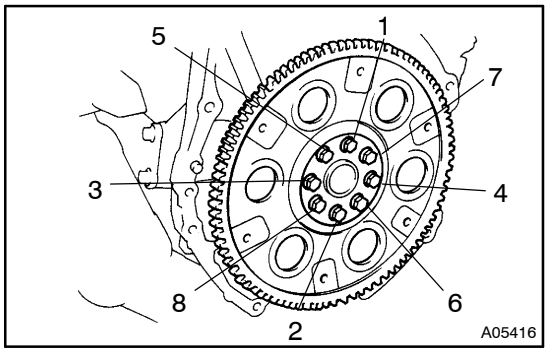
Keep the lip free of foreign materials.

(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 at an angle.**
- **Wipe off extra grease from 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, the drive plate and the rear spacer on the crankshaft.

(e) Uniformly install and tighten the 8 bolts in the sequence shown in the illustration.
Torque: 83 N·m (846 kgf·cm, 61 ft·lbf)

NOTICE:
Do not start the engine for at least an hour after installing.

6. INSTALL AUTOMATIC TRANSAXLE W/TRANSFER (See page 40–11)