ENGINE REAR OIL SEAL (1AZ–FE)

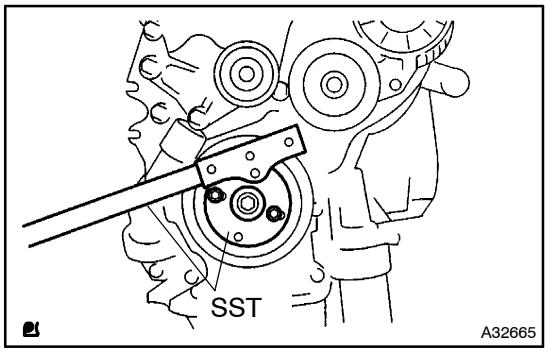
140IX–01

REPLACEMENT

1. REMOVE AUTOMATIC TRANSAXLE ASSY

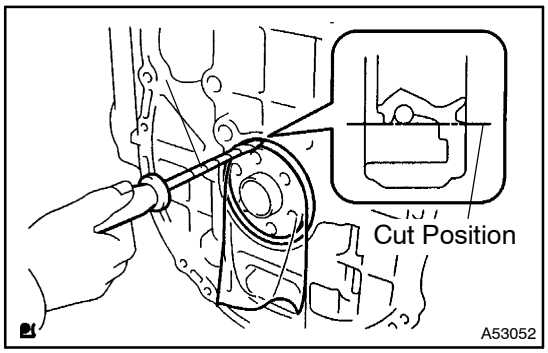
(See page 40–20)

HINT:
Remove and install the transaxle assembly after removing the engine assy w/transaxle.



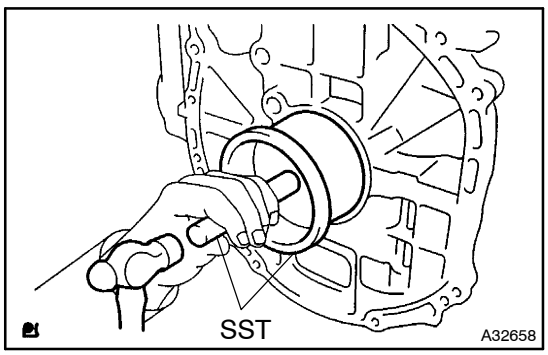
2. REMOVE DRIVE PLATE & RING GEAR SUB–ASSY

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



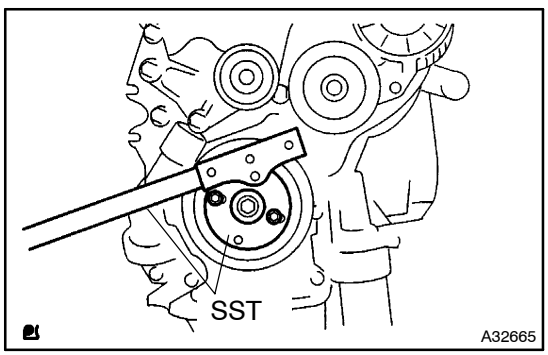
4. INSTALL ENGINE REAR OIL SEAL

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

NOTICE:
Keep the lip off foreign materials.

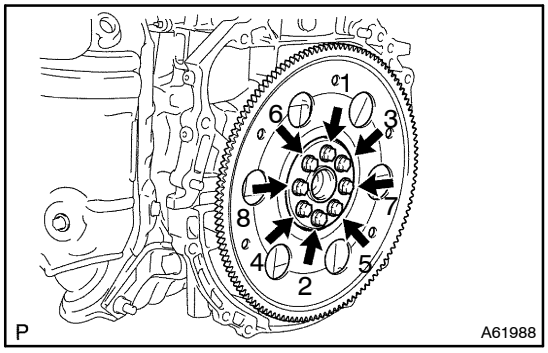
(b) Using SST and a hammer, tap in the oil seal until its surface is flush with the rear oil seal retainer edge.
SST 09223–15030, 09950–70010 (09951–07100)

NOTICE:
Wipe off extra grease on the crankshaft.



5. INSTALL DRIVE PLATE & RING GEAR SUB–ASSY

(a) Fix the crankshaft with SST.
SST 09213–54015 (91651–60855), 09330–00021
(b) Clean the bolt and the bolt hole.
(c) Apply Adhesive to 2 or 3 threads of the bolt end.
Adhesive :
Part No. 08833–00070, THREE BOND or equivalent



(d) Install and uniformly tighten the 8 bolts, in several passes, in the sequence shown.
Torque: 98 N·m (1,000 kgf·cm, 72 ft·lbf)

6. INSTALL AUTOMATIC TRANSAXLE ASSY

(See page 40–20)