ENGINE REAR OIL SEAL (2AZ–FE)

140IN–01

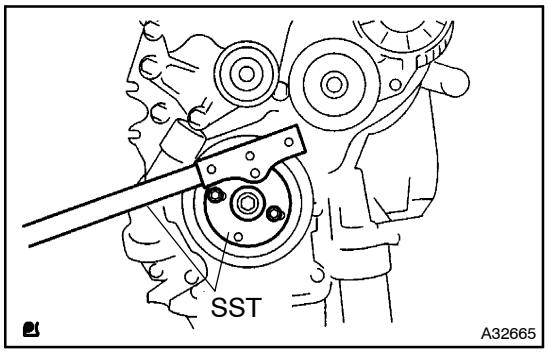
REPLACEMENT

1. SEPARATE AUTOMATIC TRANSAXLE ASSY(A/T TRANSAXLE)
(See page 40–14)

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

2. SEPARATE MANUAL TRANSAXLE ASSY(M/T TRANSAXLE)
(See page 41–11)

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

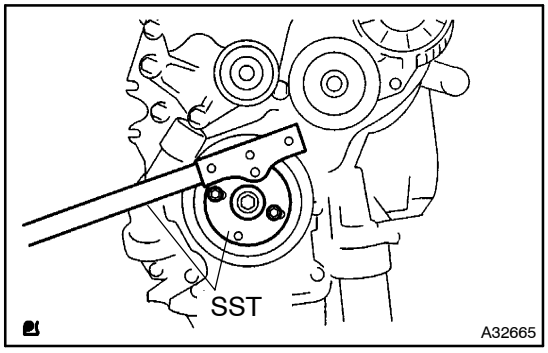


3. REMOVE DRIVE PLATE & RING GEAR SUB–ASSY(A/T TRANSAXLE)

(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.

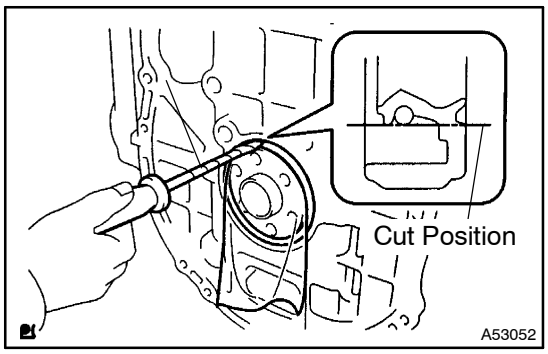
4. REMOVE CLUTCH COVER ASSY(M/T TRANSAXLE)
(See page 42–15)

5. REMOVE CLUTCH DISC ASSY(M/T TRANSAXLE)
(See page 42–15)



6. REMOVE FLYWHEEL SUB–ASSY(M/T TRANSAXLE)

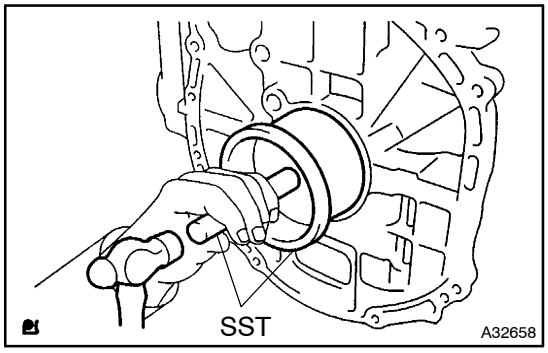
(a) Fix the crankshaft with SST.
SST 09213–54015 (91651–60855), 09330–00021
(b) Remove the 8 bolts, rear spacer, flywheel sub–assy.



7. 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).



8. INSTALL ENGINE REAR OIL SEAL

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

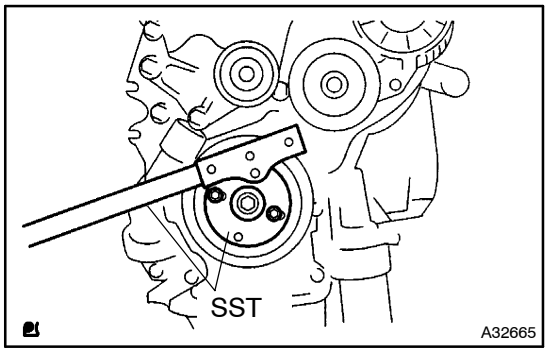
NOTICE:

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.

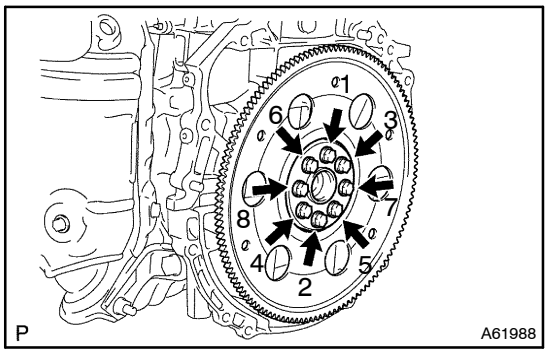


9. INSTALL DRIVE PLATE & RING GEAR SUB–ASSY(A/T TRANSAXLE)

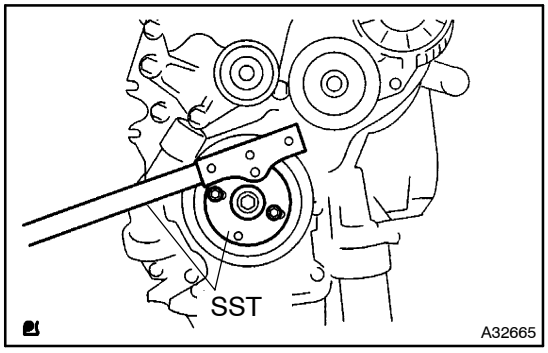
(a) Fix the crankshaft with SST.
SST 09213–54015 (91651–60855), 09330–00021

(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)

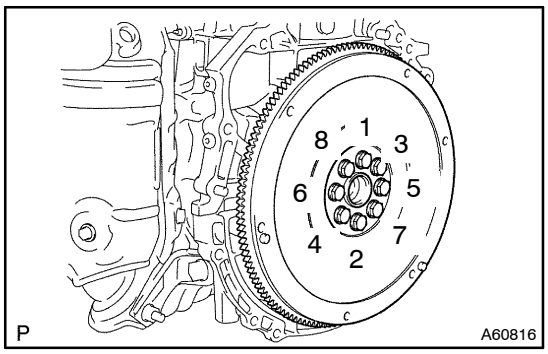


10. INSTALL FLYWHEEL SUB–ASSY(M/T TRANSAXLE)

(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: 130 N·m (1,330 kgf·cm, 96 ft·lbf)

11. INSTALL CLUTCH DISC ASSY(M/T TRANSAXLE)
(See page 42–15)
12. INSTALL CLUTCH COVER ASSY(M/T TRANSAXLE)
(See page 42–15)
13. INSTALL AUTOMATIC TRANSAXLE ASSY(A/T TRANSAXLE)
(See page 40–14)
14. INSTALL MANUAL TRANSAXLE ASSY(M/T TRANSAXLE)
(See page 41–11)