

ENGINE REAR OIL SEAL (2AZ-FE)(From July, 2003)

REPLACEMENT

1411Z-02

1. SEPARATE AUTOMATIC TRANSAXLE ASSY (A/T) (See page 40-18)

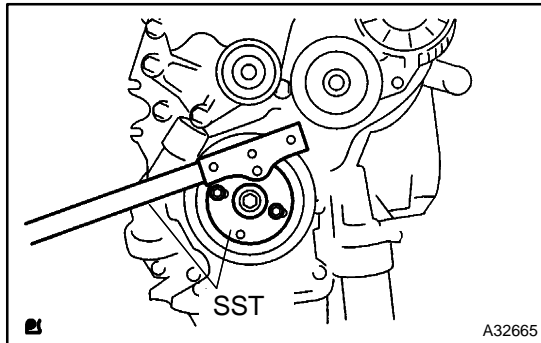
HINT:

Remove the transaxle after removing the engine assy w/ transaxle.

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

HINT:

Remove the transaxle after removing the engine assy w/ transaxle.

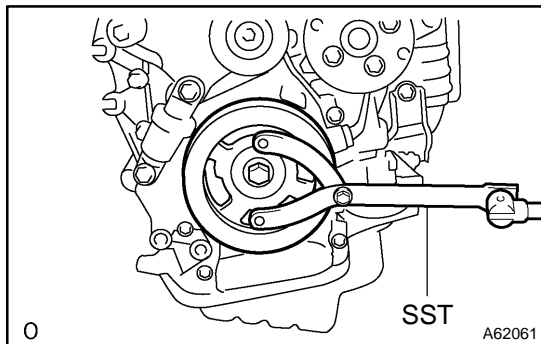


3. REMOVE DRIVE PLATE & RING GEAR SUB-ASSY

(a) TMC made:

Using SST, fix the crankshaft.

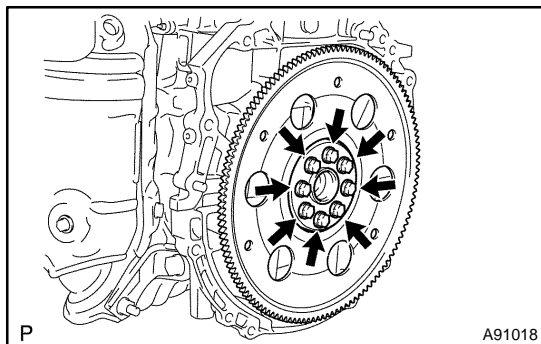
SST 09213-54015 (91651-60855), 09330-00021



(b) TMMK made:

Using SST, fix the crankshaft.

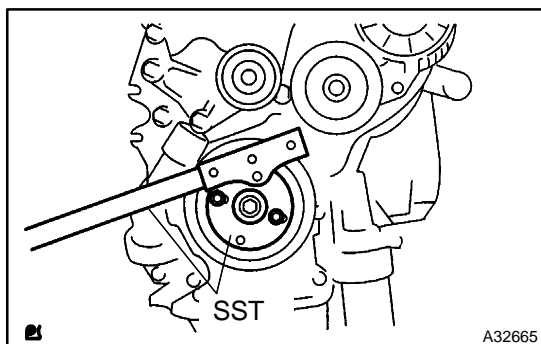
SST 09960-10010 (09962-01000, 09963-01000)



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

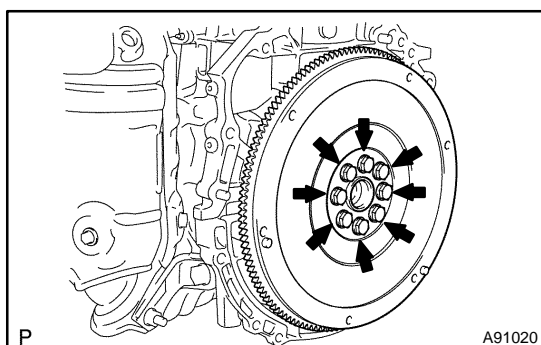
4. REMOVE CLUTCH COVER ASSY (M/T) (See page 42-15)

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

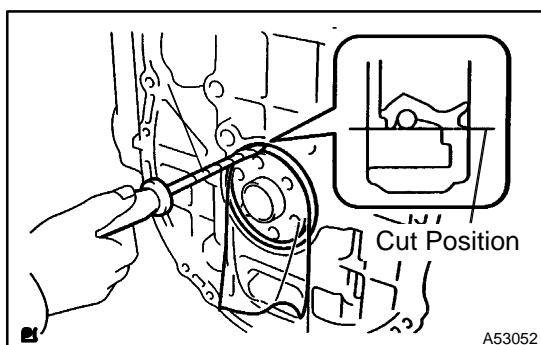


6. REMOVE FLYWHEEL SUB-ASSY (M/T)

- (a) Using SST, fix the crankshaft.
SST 09213-54015 (91651-60855), 09330-00021



- (b) Remove the 8 bolts and flywheel.

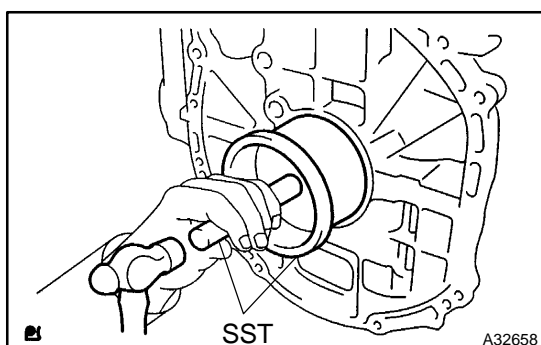


7. REMOVE ENGINE REAR OIL SEAL

- (a) Using a knife, cut through the oil seal lip.
(b) Using a screwdriver with its tip taped, 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.



8. INSTALL ENGINE REAR OIL SEAL

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

NOTICE:

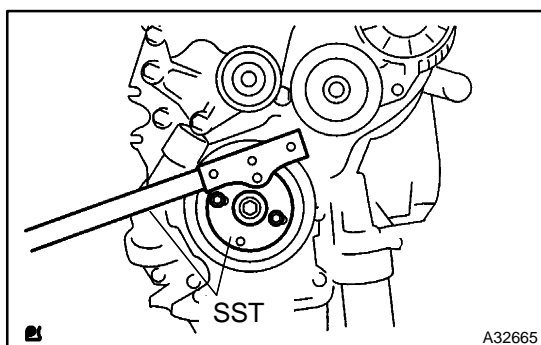
Keep the lip free from foreign matter.

- (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)

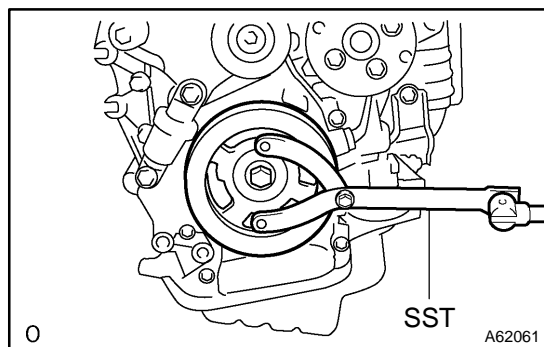
NOTICE:

Wipe off extra grease from the crankshaft.

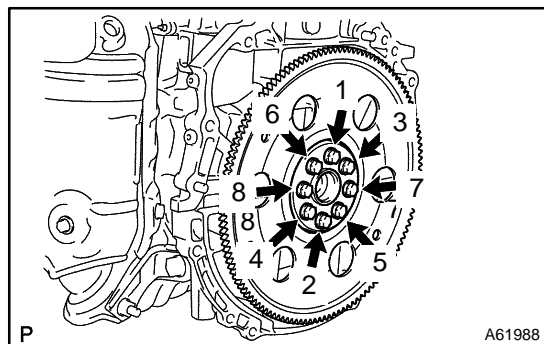


9. INSTALL DRIVE PLATE & RING GEAR SUB-ASSY (A/T)

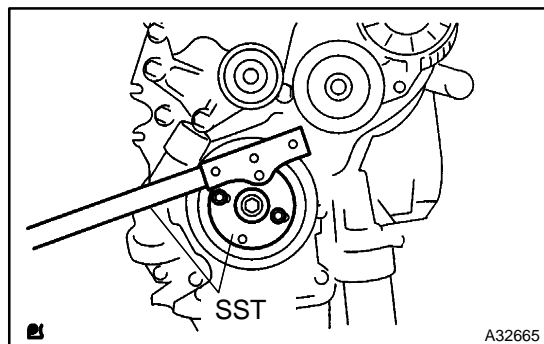
- (a) TMC made:
Using SST, fix the crankshaft.
SST 09213-54015 (91651-60855), 09330-00021



- (b) TMMK made:
Using SST, fix the crankshaft.
SST 09960-10010 (09962-01000, 09963-01000)

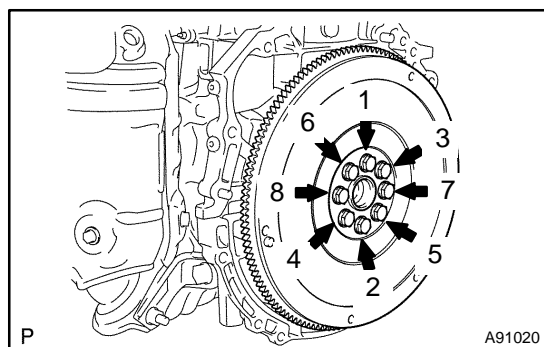


- (c) Clean the bolt and the bolt hole.
(d) Apply adhesive to 2 or 3 threads of the bolt end.
Adhesive:
Part No. 08833-00070, THREE BOND or equivalent
(e) Install the front spacer, drive plate and rear spacer with 8 bolts. Uniformly tighten the 8 bolts in the sequence shown in the illustration.
Torque: 98 N·m (1,000 kgf·cm, 72 ft·lbf)



10. INSTALL FLYWHEEL SUB-ASSY

- (a) Using SST, fix the crankshaft.
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 the flywheel with 8 bolts. Uniformly tighten the 8 bolts in the sequence shown in the illustration.
Torque: 130 N·m (1,330 kgf·cm, 96 ft·lbf)

11. INSTALL CLUTCH DISC ASSY (M/T) (See page 42-15)
12. INSTALL CLUTCH COVER ASSY (M/T) (See page 42-15)
13. INSTALL AUTOMATIC TRANSAXLE ASSY (A/T) (SeePage 40-18)
14. INSTALL MANUAL TRANSAXLE ASSY (M/T) (See page 41-11)