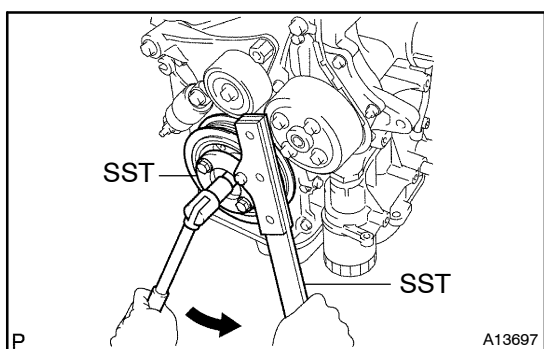


TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL (1AZ-FE) REPLACEMENT

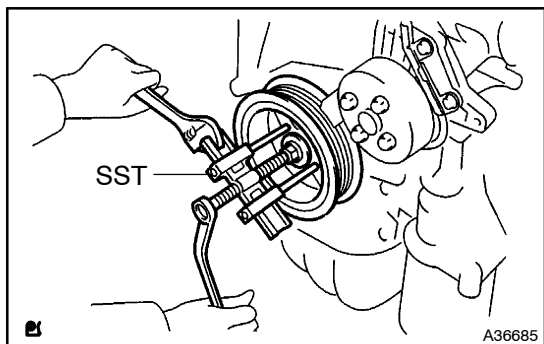
140DB-01

1. REMOVE FRONT WHEEL RH
2. REMOVE ENGINE UNDER COVER RH
3. REMOVE FAN AND GENERATOR V-BELT
(See page 14-5)
SST 09249-63010

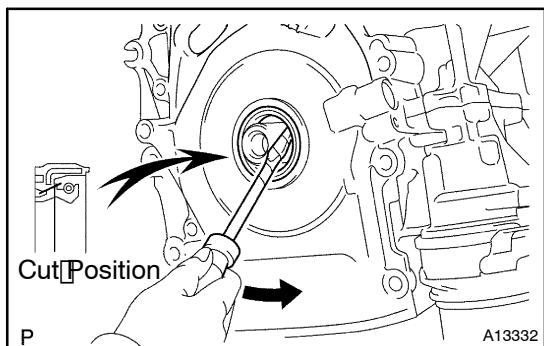


4. REMOVE CRANKSHAFT PULLEY

- (a) Using SST, loosen the pulley bolt.
SST 09213-54015 (91651-60855), 09330-00021



- (b) Using SST, remove the crankshaft pulley.
SST 09950-50013 (09951-05010, 09952-05010, 09953-05020, 09954-05021)

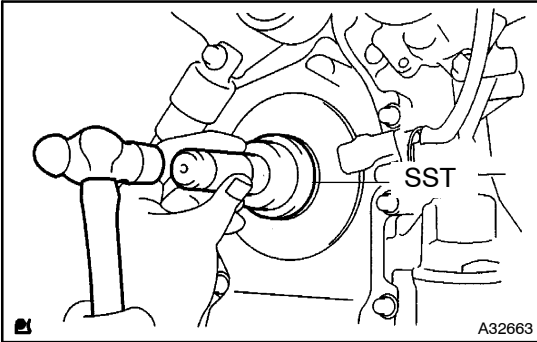


5. REMOVE TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL

- (a) Using a knife, cut off the oil seal lip.
- (b) Using a screwdriver with tapping 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).



6. INSTALL TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL

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

NOTICE:

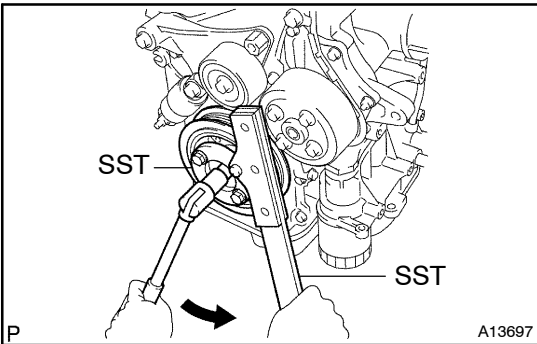
Keep the lip off foreign materials.

- (b) Using SST and a hammer, tap in the oil seal until its surface is flush with the rear oil seal retainer edge.

SST 09223-22010

NOTICE:

Wipe off extra grease on the crankshaft.



7. INSTALL CRANKSHAFT PULLEY

- (a) Align the pulley set key with the key groove of the pulley.

- (b) Using SST, install the pulley bolt.

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

Torque: 170 N·m (1,733 kgf·cm, 125 ft·lbf)

8. INSTALL FAN AND GENERATOR V BELT

(See page 4-5)

SST 09249-63010

9. INSTALL FRONT WHEEL RH

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

10. INSPECT OIL LEAK