

## REPLACEMENT

### 1. REPLACE TIMING CHAIN COVER OIL SEAL

#### HINT:

There are 2 methods ((a) and (b)) to replace the oil seal.

(a) If the timing chain cover is removed from the cylinder block:

- (1) Using a screwdriver, pry out the oil seal.
- (2) Using SST and a hammer, tap in a new oil seal until its surface is flush with the oil pump body edge.  
SST 09316-60011 (09316-00011)
- (3) Apply MP grease to the oil seal lip.

(b) If the timing chain cover is installed to the cylinder block:

- (1) Using a knife, cut off the oil seal lip.
- (2) Using a screwdriver, pry out the oil seal.

#### NOTICE:

**Be careful not to damage the crankshaft. Tape the screwdriver tip.**

- (3) Apply MP grease to a new oil seal lip.
- (4) Using SST and a hammer, tap in the oil seal until its surface is flush with the oil pump body edge.  
SST 09316-60011 (09316-00011)

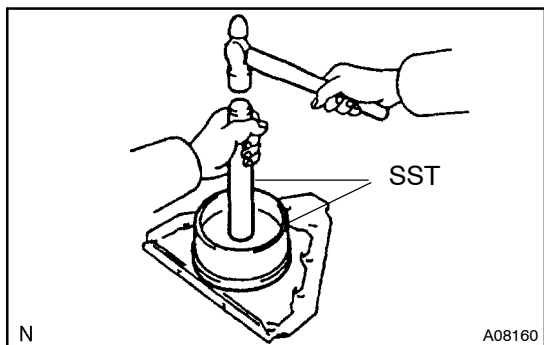
### 2. REPLACE CRANKSHAFT REAR OIL SEAL

#### HINT:

There are 2 methods ((a) and (b)) to replace the oil seal.

(a) If the rear oil seal retainer is removed from the cylinder block:

- (1) Using a screwdriver and hammer, tap out the oil seal.



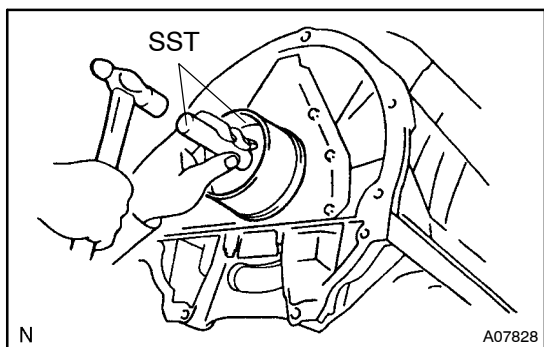
- (2) Using SST and a hammer, tap in a new oil seal until its surface is flush with the rear oil seal retainer edge.

SST 09223-15030, 09951-07100

- (3) Apply MP grease to the oil seal lip.
- (b) If the rear oil seal retainer is installed to the cylinder block:
- (1) Using a knife, cut off the oil seal lip.
  - (2) Using a screwdriver, pry out the oil seal.

**NOTICE:**

**Be careful not to damage the crankshaft. Tape the screwdriver tip.**



- (3) Apply MP grease to a new oil seal lip.
- (4) Using SST and a hammer, tap in the oil seal until its surface is flush with the rear oil seal retainer edge.

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