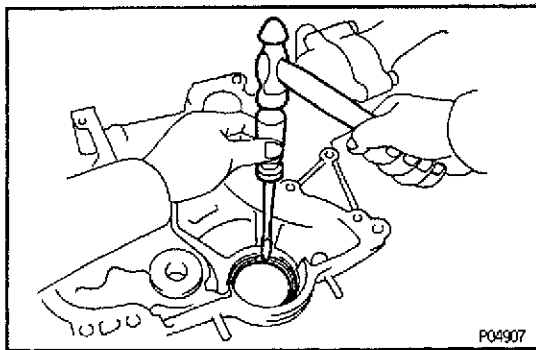




CYLINDER BLOCK

CRANKSHAFT OIL SEALS REPLACEMENT ^{EG000-10}

HINT: There are 2 methods (A and B) to replace the oil seal which are as follows:

1. REPLACE CRANKSHAFT FRONT OIL SEAL

A. If timing chain cover is removed from cylinder block:

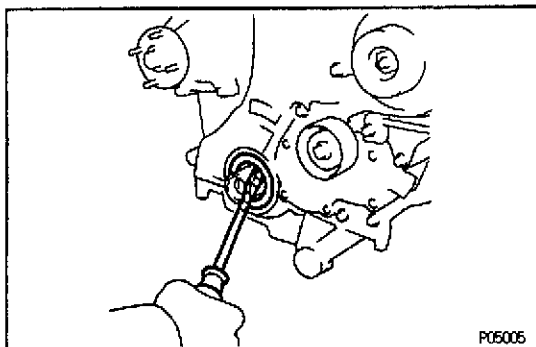
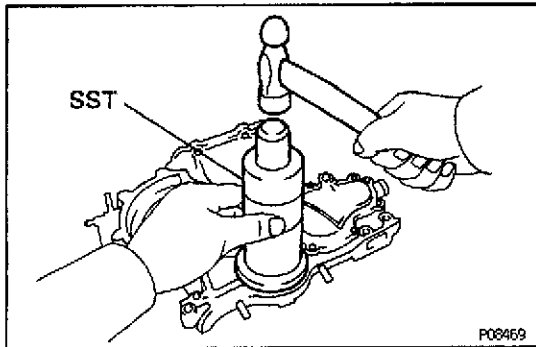
- (a) Using a screwdriver and a hammer, tap out the oil seal.

- (b) Using SST and a hammer, tap in a new oil seal until its surface is flush with the timing chain cover edge.

SST 09316-60010 (09316-00010, 09316-00050)

- (c) Apply MP grease to the oil seal lip.

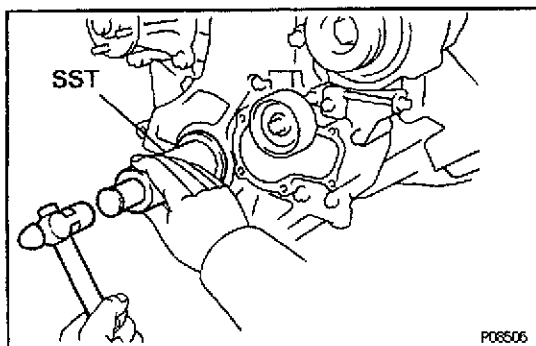
NOTICE: Do not let foreign matter get onto the lip of the oil seal.



B. If timing chain cover is installed to cylinder block:

- (a) Using a screwdriver, pry out the oil seal.

NOTICE: Be careful not to damage the crankshaft. Tape the screwdriver tip.

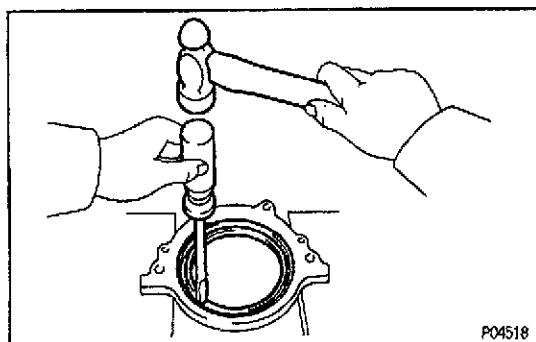


- (b) Apply MP grease to a new oil seal lip.

NOTICE: Do not let foreign matter get onto the lip of the oil seal.

- (c) Using SST and a hammer, tap in the oil seal until its surface is flush with the timing chain cover edge.

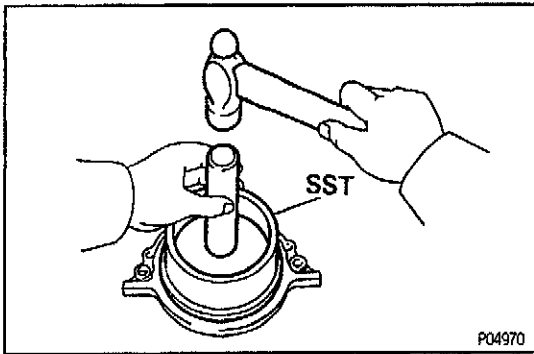
SST 09316-60010 (09316-00010, 09316-00050)



2. REPLACE CRANKSHAFT REAR OIL SEAL

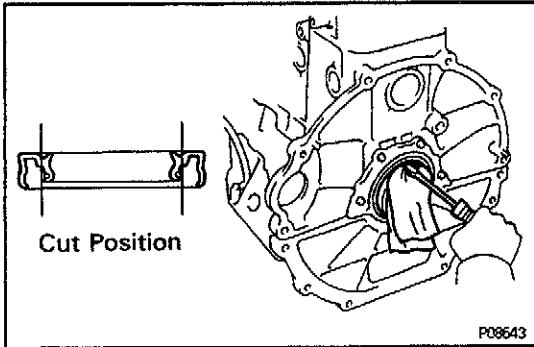
A. If rear oil seal retainer is removed from cylinder block:

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

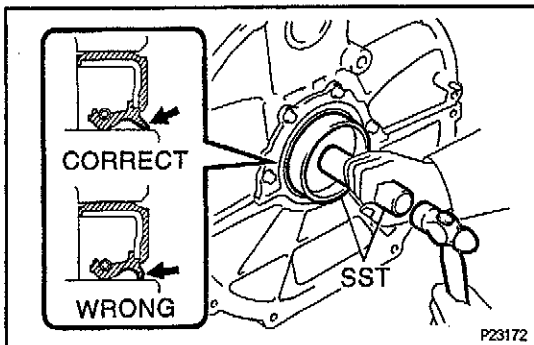


- (b) Using SST and a hammer, tap in a new oil seal until its surface is flush with the rear oil seal edge.
SST 09223-15030, 09950-70010 (09951-07150)
NOTICE: Do not let foreign matter get onto the lip of the oil seal.

EG



- B. If rear oil seal retainer is installed to cylinder block:**
(a) Using a knife, cut off the oil seal lip.
(b) Using a screwdriver, pry out the oil seal.
NOTICE: Be careful not to damage the crankshaft. Tape the screwdriver tip.



- (c) 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, 09950-70010 (09951-07150)
NOTICE: Do not let foreign matter get onto the lip of the oil seal.
(d) Check that the lip of the oil seal is not bent inward.