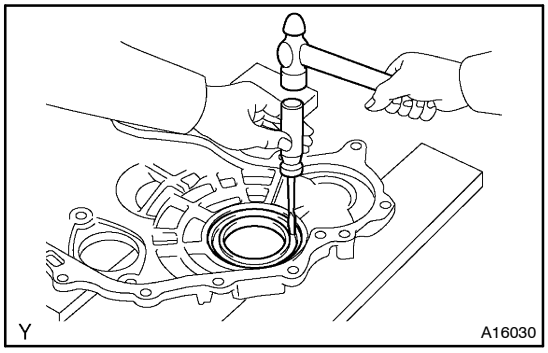
EM0WJ–02

# REPLACEMENT



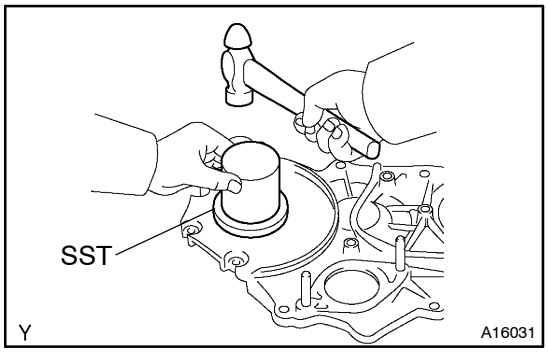

HINT:

There are 2 methods (a and b) to replace the oil seal as follows:

**1. REPLACE CRANKSHAFT FRONT OIL SEAL**

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

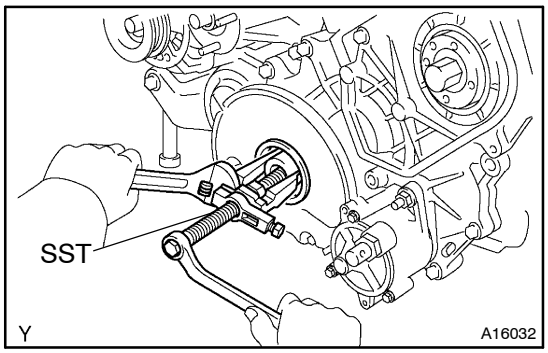
(1) Using a screwdriver and hammer, tap out the oil seal.




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

SST 09223–78010

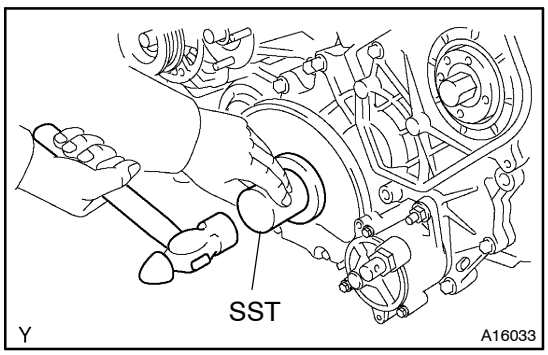
(3) Apply MP grease to the oil seal lip.




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

(1) Using SST, remove the oil seal.

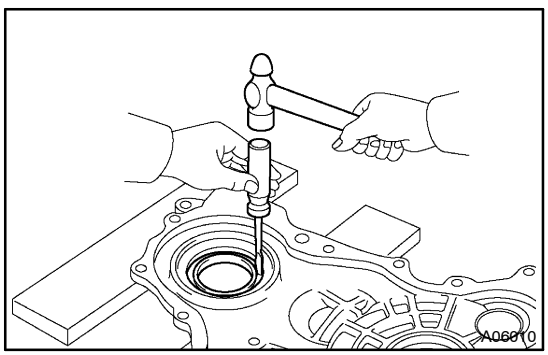
SST 09308–10010, 09950–50013 (09953–05010)




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

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

SST 09223–78010



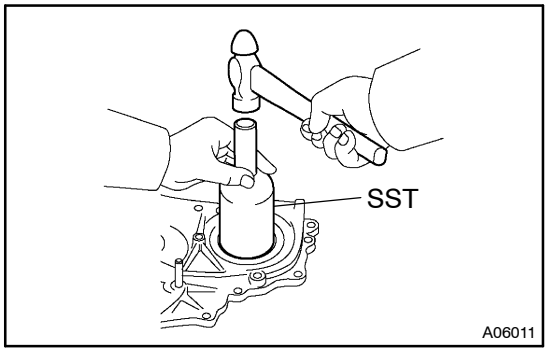

HINT:

There are 2 methods (a and b) to replace the oil seal as follows:

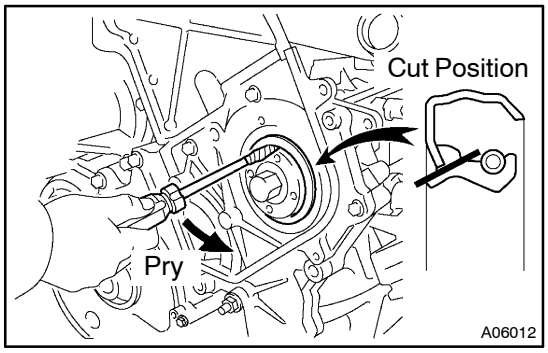
**2. REPLACE INJECTION PUMP DRIVE GEAR OIL SEAL**

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

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

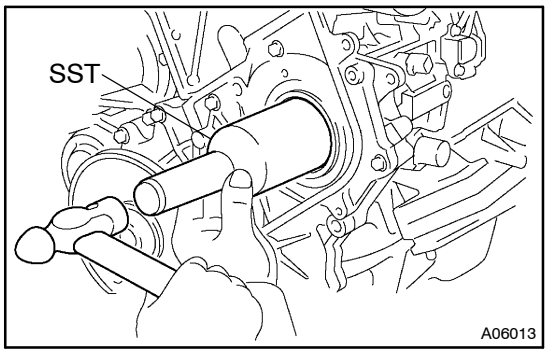



(2) Using SST and a hammer, tap in a new oil seal until its surface is flush with the timing gear cover edge.
SST 09214–76011
(3) Apply MP grease to the oil seal lip.




(b) If timing gear 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 injection pump drive gear. Tape the screwdriver tip.




(3) Apply MP grease to the oil seal lip.
(4) Using SST and a hammer, tap in a new oil seal until its surface is flush with the timing gear cover edge.
SST 09214–76011