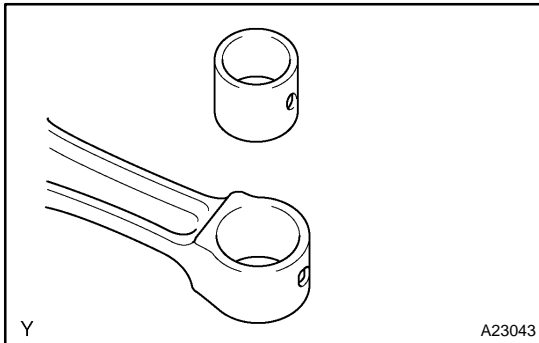


REPLACEMENT

1. REPLACE CONNECTING ROD SMALL END BUSH

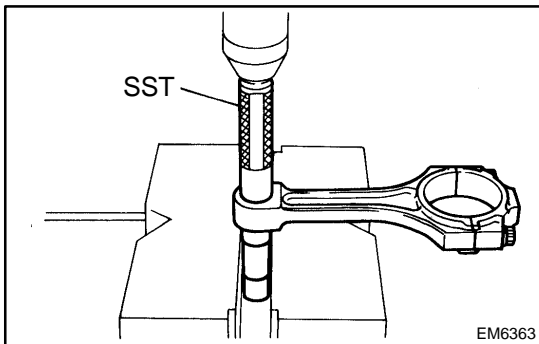
Using SST and a press, press out the bushing.

SST 09222-30010



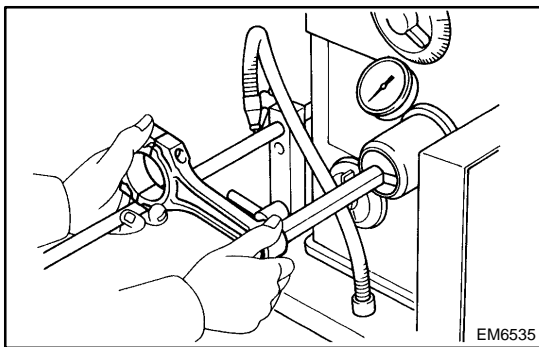
2. INSTALL CONNECTING ROD SMALL END BUSH

- (a) Align the oil holes of a new bushing and the connecting rod.



- (b) Using SST and a press, press in the bushing.

SST 09222-30010



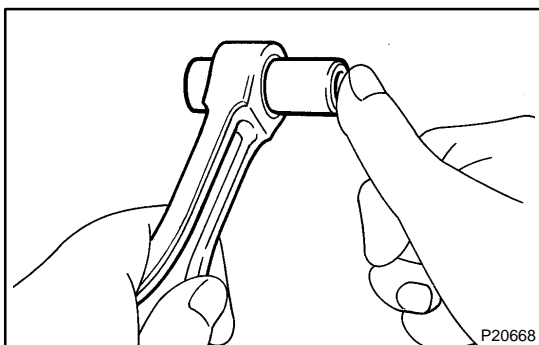
- (c) Using a pin hole grinder, hone the bushing to obtain the standard specified clearance between the bushing and piston pin.

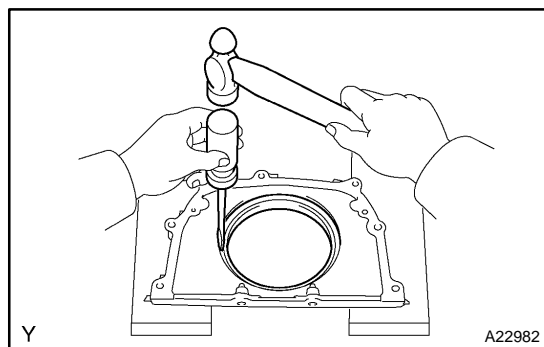
Standard oil clearance:

0.005 to 0.011 mm (0.0002 to 0.0004 in.)

HINT:

Check that the piston pin fits at a normal room temperature. Coat the piston pin with engine oil, and push it into the connecting rod with a thumb.





3. REPLACE ENGINE REAR OIL SEAL

HINT:

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

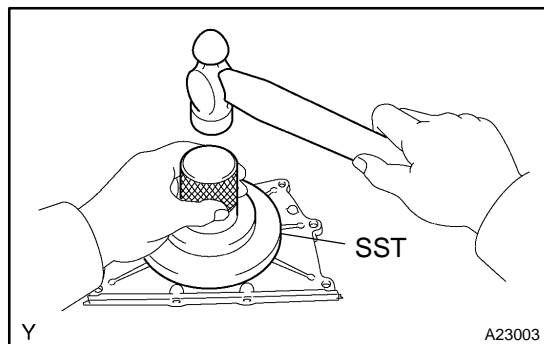
(a) If the rear oil seal retainer is removed from the cylinder block:

(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.

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



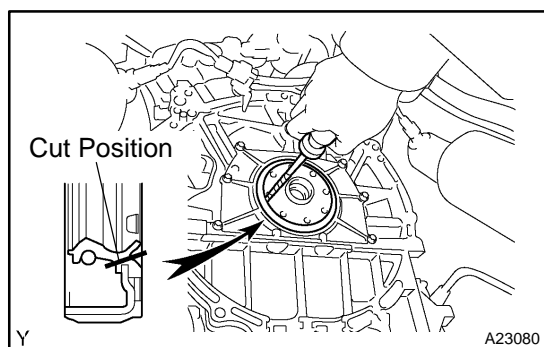
(b) If the rear oil seal retainer is installed to the cylinder block:

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

