

Compress Piston Rings

Oil piston rings and piston skirt.

Compress rings with Tool #19070, Ring Compressor, Model Series 110400 through 123600, and 85400 through 117400, Illust. 1, or Illust. 2 or Tool #19230, Ring Compressor, Model Series 161400, 28S700, 311700, 312700, Illust. 1 as shown, Fig. 18.

Place piston and compressor upside down on bench and push piston down until head of piston is even with edge of compressor.

Tighten compressor until piston cannot be turned in compressor.

Loosen compressor until piston can be turned with slight resistance.

NOTE: Do not attempt to install piston and ring assembly without ring compressor.

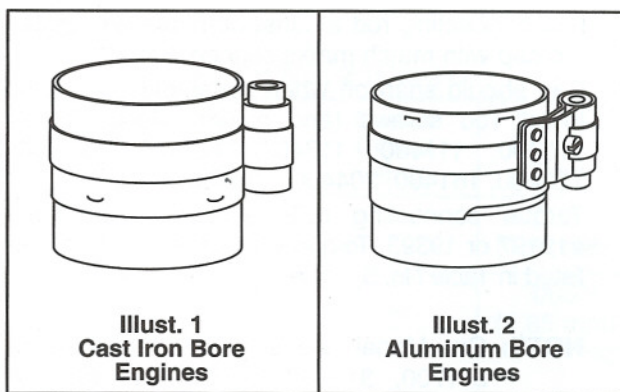


Fig. 18

Install Connecting Rod and Piston

Thoroughly clean and oil cylinder bore.

Rotate crankshaft until crankpin journal is at bottom of stroke.

NOTE: This permits complete entry of compressed rings, piston and rod assembly, when pushed into cylinder, Fig. 19.

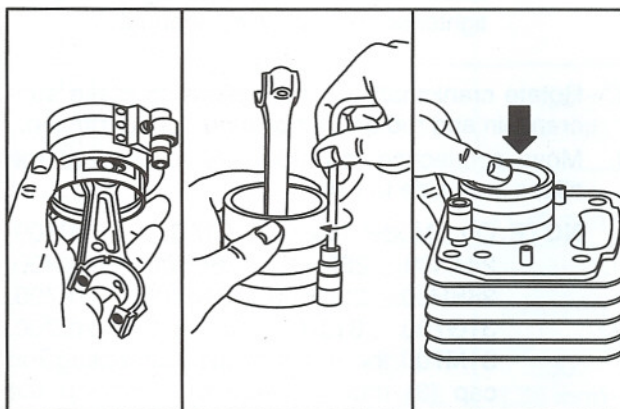


Fig. 19

Install piston with notch or arrow (1) toward flywheel side of engine, Fig. 20. Take care not to damage crankpin journal or connecting rod journal.

Clean and oil crankshaft crankpin.

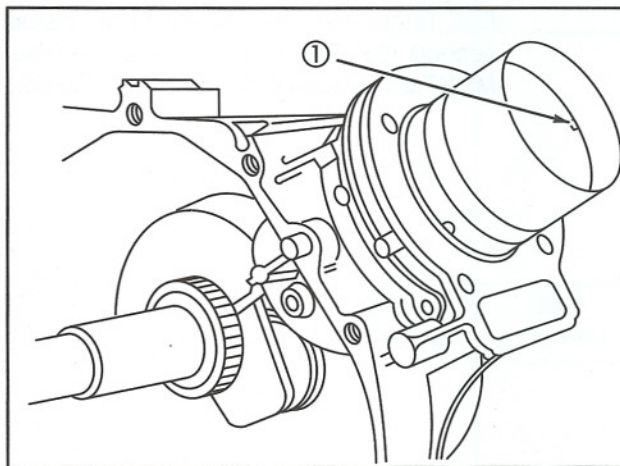


Fig. 20