## **Piston Ring Compressor Set**

Ratcheting, self locking pliers allow you to install pistons from 2-7/8 to 4-3/8 in. (73 to 111 mm) quickly and easily.

- 1. Select appropriate size band for piston to be installed.
- 2. Liberally lubricate cylinder wall, piston & rings and compressor band with motor oil.
- 3. Make sure that piston ring gaps are staggered as per manufacturers specifications.
- 4. Place lubricated band around piston making sure that the bottom of the band is towards the cylinder.
- 5. Hook pliers into band receiver cups and squeeze together to compress piston rings.
- 6. With band tightly compressed around the piston, insert piston carefully into cylinder and align connecting rod with crank journal. It is recommended to use protective boots on rod bolts to prevent scratching rod journals during installation.
- 7. Tap lightly on the top of the piston with a hammer handle to install.
- 8. While controlling spring tension in pliers, push ratchet release lever towards tip of pliers to release.

## **Replacement Parts:**

W89410-1 Pliers

W89410-2 Band number 1 size 2-7/8 to 3-1/8 in. (73-79 mm)

W89410-3 Band number 2 size 3-1/8 to 3-3/8 in. (79-86 mm)

W89410-4 Band number 3 size 3-3/8 to 3-5/8 in. (86-92 mm)

W89410-5 Band number 4 size 3-5/8 to 3-7/8 in. (92-98 mm)

W89410-6 Band number 5 size 3-7/8 to 4-1/8 in. (98-105 mm)

W89410-7 Band number 6 size 4-1/8 to 4-3/8 in. (105-111 mm)



