



2PC. HEAVY DUTY 16" SNAP RING PLIERS SET

WARNING

Study, understand and follow all instructions provided with this product. Read these instructions carefully before installing, operating, servicing or repairing this tool. Keep these instructions in a safe accessible place.

INTENDED USE OF THE TOOL

The snap ring pliers included in this set are designed to install and remove internal or external snap rings of specified sizes. Always assure to use correct size pliers for job being performed. Do not use this tool outside of the designed intent. Never modify the tool for any other purpose or use.

WARNING

Caution: To help prevent personal injury

- Normal use of this product is likely to expose the user to dust and/or microscopic particles containing chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Always wear appropriate safety equipment and clothing when using this product. Study, understand and follow all instructions provided with this product. Failure to read and follow all warnings and operating instructions may result in damages and serious injury or death.
- Always wear ANSI approved goggles when using this product. (Users and Bystanders).
- Never use this tool for any application other than for which it was designed.
- Only use accessories designed for this tool.
- Never alter or modify this tool in any way.
- Improper operation and/or maintenance of the tool, modification of the tool, or use of the tool with accessories not designed for it could result in serious injury or death.
- Always select the correct accessories of the correct size and design for the job that you are attempting to perform.
- Always work in a clean, safe, well-lit, organized and adequately equipped area.
- Do not begin repairs without assurance that vehicle is in secure position, and will not move during repair.



OPERATION

Installing and removing Internal snap rings

- Insert the snap ring pliers into the snap rings lug holes.
- The retaining ring diameter will shrink by bringing the pliers tips together as you squeeze the handles.
- Make sure you are only applying enough force to the snap ring to insert/remove it into the desired position (additional force can damage or break it).
- If installing one, put the snap ring inside the groove where it will sit in the shaft or bore, holding the pliers steady.
- Only release the pliers when the snap ring has been firmly seated or removed.

Installing and removing external snap rings

- Put the snap ring pliers tips into the snap ring lug holes.
- The retaining ring diameter will increase as the handles are squeezed apart, forcing the tips apart making the diameter larger.
- Do not apply too much force when inserting the retaining ring, or you will break or damage it.
- Hold the pliers firmly and evenly while inserting the snap ring into the groove, allowing it to snap shut when properly located. If removing, make the snap ring large enough to remove it from the shaft.
- When you have completely seated/removed the snap ring, release the pliers.

PRODUCT INFORMATION

- Internal/External Heavy Duty Snap Ring Pliers Set
- Features replaceable tips and spring ratchet locking mechanism to securely hold against snap ring tension
- Includes 0°, 15°, 45° and 90° tip sets
- Tip Diameter: 0.12" (3.0mm)
- Internal Snap Ring Diameter Capacity: 3-1/16" - 6-1/4" (78mm-159mm) Bore I.D.
- External Snap Ring Diameter Capacity: 3-1/2" - 6-1/2" (89mm- 165mm) Shaft O.D.
- Internal Pliers Operating Dimensions: Min.- 5/16" (8mm) Max.- 3-11/32" (85mm)
- External Pliers Operating Dimensions: Min.- 3/16" (5mm) Max. - 3-1/16" (78mm)
- Length: 16" (406mm)

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PART LIST:

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①	16" Snap Ring Pliers - External	1
②	16" Snap Ring Pliers - Internal	1
③	0° Degree Tips (2pc/Set)	2
④	15° Degree Tips (2pc/Set)	2
⑤	45° Degree Tips (2pc/Set)	2
⑥	90° Degree Tips (2pc/Set)	2