



OPERATING INSTRUCTIONS

Single-Action Coil Spring Compressor

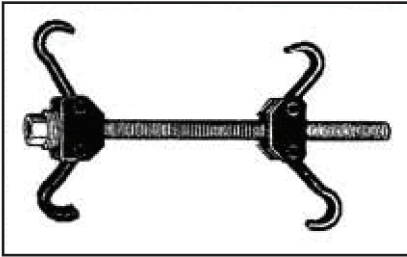
ATD-7549

A. Introduction:

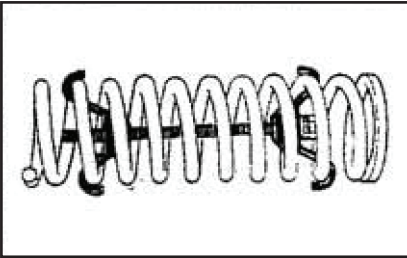
Before using this tool read these instructions completely:

This tool is the most effective and efficient one available for coil spring work. It can be used to compress coil springs on vehicles which have a removable shock absorber in the center of the spring.

Whenever a coil spring is compressed, one should always remember that a great deal of force has been stored in the coil and must be controlled until relaxed. For long and safe operation, please remember and follow these procedures:



- Always wear safety goggles.
- Refer to vehicle manufacturer's manual on coil springs and front end servicing for procedures and precautions.
- This tool is designed to grasp a maximum 3/4" wire diameter spring. It can be used on coil springs up to 5 5/8" outside diameter.
- Whenever possible, compress or decompress with the spring laying horizontally on a workbench or the floor.
- Compress spring only enough to remove pressure from the spring seats. A maximum compression of 4" is required. NEVER OVERCOMPRESS A COIL SPRING.
- Before each use, inspect, clean and lubricate threads on threaded shaft and remove any excessive grease and oil on spring.
- After each use, clean and store the tool so that threads are not damaged.

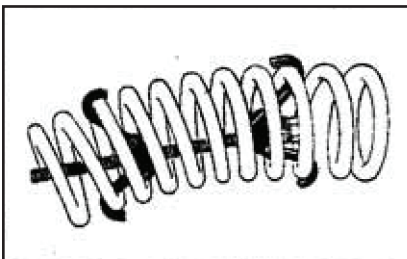


B. Coil Spring Located BELOW Upper Control Arm:

1. Remove the shock absorber from the vehicle.
2. Insert the Single-Action tool through the shock opening and position on coil spring as shown. Note the short and long arms of the tool engage the rungs of the springs on opposed sides from the top to the bottom. All arms should be hooked and hand-tightened on the spring by turning the threaded shaft.
3. Compress coil spring by turning the nut on the threaded shaft using a ratchet wrench with a 15/16" 6-point socket. Keep shaft on tool straight.

C. Coil Spring Located ABOVE Upper Control Arm:

1. Remove the shock absorber from the vehicle.
2. Insert the tool through the shock hole on the top of the shock tower and position on coil springs as shown. Note the short and long arms of the tool engage the rungs of the spring on opposed sides from top to bottom. All arms should be hooked and hand-tightened on the spring by turning the threaded shaft finger tight.
3. Compress coil spring by turning the nut on the threaded shaft using a ratchet wrench with a 15/16" 6-point socket. Keep shaft on tool straight.



NOTE: Some General Motors and Ford vehicles have slightly curved coil spring assemblies. To preserve the curvature of the compressed spring, install the tool with short arms and long arms located on the same side of the spring as shown. Compress only enough to free the spring and provide clearance for removal from, or installation into, the spring seats.

**Caution: Wear safety goggles. For intended use only.
DO NOT USE POWER TOOLS**