



PROFESSIONAL LIFTING EQUIPMENT

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## MODEL 82002 1-1/2 TON CAPACITY SCISSORS JACK SETUP • OPERATING • MAINTENANCE INSTRUCTIONS

**Note: Revision letters (A, B, C, D etc.) after model numbers have been omitted as they do not affect the setup, operating and maintenance instructions of a particular jack unless otherwise noted.**

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### IMPORTANT: READ THESE INSTRUCTIONS BEFORE OPERATING

BEFORE USING THIS JACK, READ THIS MANUAL COMPLETELY AND THOROUGHLY, UNDERSTAND ITS OPERATING PROCEDURES, SAFETY WARNINGS AND MAINTENANCE REQUIREMENTS. FAILURE TO DO SO COULD CAUSE ACCIDENTS RESULTING IN SERIOUS OR FATAL PERSONAL INJURY AND/OR PROPERTY DAMAGE.

The use of portable automotive lifting devices is subject to certain hazards that cannot be prevented by mechanical means, but only by the exercise of intelligence, care, and common sense. It is therefore essential to have owners and personnel involved in the use and operation of equipment who are careful, competent, trained, and qualified in the safe operation of the equipment and its proper use. Examples of hazards are dropping, tipping, or slipping of motor vehicles or their components caused primarily by improperly securing loads, overloading, off-centered loads,

use on other than hard level surfaces, and using equipment for a purpose for which it was not designed.

It is the responsibility of the owner to make sure all personnel read this manual prior to using this device. It is also the responsibility of the device owner to keep this manual intact and in a convenient location for all to see and read. If the manual is lost or not legible, contact Norco Industries, Inc. for a free replacement. If the operator is not fluent in English, the product and safety instructions shall be read to and discussed with the operator in the operator's native language by the purchaser/owner or his designee, making sure that the operator comprehends its contents.

#### WARRANTY

This scissors jack is covered by a Limited Lifetime Warranty. For details see the back cover of Norco's product catalog.

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### WARNING

- Do not lift any more than one wheel of a standard size car or light duty truck at a time.
- Use for emergency tire changing only.
- Do not exceed rated capacity.
- Do not apply full load at less than 8-1/2" raised height.
- Activate the hazard warning flasher, turn off ignition, set parking brake, move automatic shift selector to park position or reverse gear if it is a manual transmission. Set the parking brake. The wheel diagonally opposite from the wheel being lifted shall be chocked in both directions.
- Consult the vehicle manufacturer for the tire changing procedure and lifting points.
- Use only on a hard level surface.
- Never get beneath the vehicle when it is supported by the jack.
- No alterations shall be made to this product.

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### SETUP

1. The scissors jack is equipped with a two-piece handle for storage. One handle half includes the rotating handle grips. The other handle half includes a detent pin secured to it by a small chain.
2. The handle halves must be secured together in order to form a crank handle. One handle half will not activate the

scissors jack. The handle half with rotating handles has one end with a hole drilled through it. This end must be inserted in the receiving end of the other handle half. Align the hole in the handle half with the hole in the receiver of the other handle half and secure the two halves together with the detent pin provided.

## OPERATING INSTRUCTIONS

1. Become familiar with the operation of the jack. Turning the crank handle in a clockwise direction will raise the jack's saddle. Turning the crank handle in a counter-clockwise direction will lower the jack's saddle.
2. Do not attempt to lift more than one vehicle tire off the ground at a time.
3. Activate the hazard warning flasher, turn off ignition, set parking brake, move automatic shift selector to park position or reverse gear if it is a manual transmission. The wheel diagonally opposite from the wheel being lifted shall be chocked in both directions.
4. With the jack in the lowered position, push the jack under the vehicle. **IMPORTANT:** Use the vehicle manufacturer's recommended lifting procedure and lifting points.
5. Raise the saddle up to the recommended lifting point. Check to see that the lifting point is centered on the lifting saddle and the majority of the weight is not supported by the peripheral edge of the saddle at any single point.
6. Before lifting the tire off the ground, slightly loosen the lug nuts on the wheel if your intention is to remove the wheel.
7. Raise the vehicle just high enough so the tire (in its inflated condition) will clear the ground.
8. Be careful not to pull, push or exert enough force on the vehicle to cause it to slip off the jack or make the setup unstable.
9. Never get beneath the vehicle when supported by the jack.

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## PREVENTATIVE MAINTENANCE

1. Always store the jack in a well protected area where it will not be exposed to inclement weather, corrosive vapors, abrasive dust, or any other harmful elements. The jack must be cleaned of water, snow, sand, or grit before using.
2. The jack must be lubricated periodically in order to prevent premature wearing of parts. A general purpose grease must be applied to the drive screw. Failure to maintain proper lubrication voids warranty.
3. Every jack owner is responsible for keeping the jack label clean and readable. Use a mild soap solution to wash external surfaces of the jack but not the drive screw. Contact Norco Industries for a replacement label if your jack's label is unreadable.
4. Inspect the jack before each use. Do not use the jack if any component is cracked, broken, bent or shows signs of damage. Do not use the jack if it has loose or missing hardware or components, or is modified in any way. Take corrective action before using the jack again.

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## REPAIR SERVICE

If your Norco product requires service or repair, contact the Norco Customer Service Department for the location of the nearest Norco Authorized Service Center.

Norco Industries, Inc.  
365 West Victoria St.  
Compton, CA 90220  
(310) 639-4000  
Fax: (310) 639-7411

It will be necessary to provide the Norco Authorized Service Center with a copy of the bill of sale if requesting warranty repair. If the authorized service center determines your product is eligible for warranty repair, the repair will be made at no charge and returned freight prepaid. The cost of non-warrantable service, repair, and return freight is the customer's responsibility.