



PROFESSIONAL LIFTING EQUIPMENT

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## MODELS 81033 & 81034 3/4 TON CAPACITY UNDER HOIST STANDS **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 STAND, 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 loads caused primarily by improperly securing loads, overloading and 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 product is covered by a Limited Lifetime Warranty. For details see the back cover of Norco's product catalog.

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### **⚠ WARNING**

- This stand is intended to provide partial support of vehicle components during removal and installation. Do not use to support or stabilize a vehicle.
  - Do not exceed rated capacity.
  - Center load on saddle. Do not use saddle locating lugs to support the load.
  - Do not shock load.
  - Inspect the stand(s) before each use. Do not use a stand if it is damaged, excessively worn, altered, modified or in poor condition. Take corrective action before using the stand(s).
  - Adequately support the vehicle before starting repairs.
  - Before supporting the vehicle component with under hoist stand(s), refer to the vehicle's service manual or inquire from the vehicle manufacturer the recommended under hoist stand support surface(s) on the vehicle component.
  - Be sure vehicle, vehicle component and stand setup are stable.
  - Use only on a hard level surface.
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### **SETUP**

1. Unpackage the preassembled lifting tube with extension screw and the round base plate.
2. The bottom of the lifting tube is fitted with a threaded receiver tube. Screw the threaded receiver tube of the lifting tube assembly into the round base plate until snug.
3. The model 81034 is equipped with a foot pedal. After step 2 is completed, pull the foot pedal down towards the round base plate making sure the foot pedal tab fits through the elongated slot in the threaded receiver tube and engages the bottom of the lifting tube.

## OPERATING INSTRUCTIONS

1. Make sure the vehicle is stable and is at the proper work height before positioning the under hoist stand(s) under a component.
2. Consult the vehicle manufacturer for the proper method of removing and installing the vehicle component and the proper positioning of under hoist stands.
3. Become familiar with the operation of the stand. Turning the spin handle to the left or in a counterclockwise direction will raise the support saddle. It will be necessary to hold the support saddle still with one hand while spinning the handle with the other hand. When the support saddle just barely touches the component, remove your one hand from the saddle. Continuing to spin or turn the handle in a counterclockwise direction will add pressure

against the vehicle component. The model 81034 is equipped with a foot pedal which can raise the support saddle up to 1" more in height and produce up to 400 pounds of force when depressed. The foot pedal is normally used for alignment purposes where fine adjustment is necessary to align bolt holes etc. Remember that the stand is designed to support the component. Do not exert excessive lifting pressure against the component as it might cause the vehicle or its component to become unstable.

4. When the foot pedal is not being used or the stand is being stored, the pedal may be locked in a vertical position by simply raising the pedal until it becomes parallel with the lifting tube.

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## PREVENTATIVE MAINTENANCE

1. Always store the stand in a well protected area where it will not be exposed to inclement weather or any harmful elements. The stand must be cleaned of water, snow, sand, or grit before using.
2. The stand must be lubricated periodically in order to prevent premature wearing of parts or rusting. A general purpose grease must be applied to the extension screw and the model 81034 pedal linkage. Make sure that no lubrication or grease comes in contact with the support saddle. Always inspect the support saddle prior to use and remove any traces of a substance that could cause support saddle slippage.

3. Every stand owner is responsible for keeping the stand label clean and readable. Use a mild soap solution to wash the external surfaces of the stand but not the extension screw. Contact Norco Industries for a replacement label if your stand's label is unreadable.

4. Inspect the stand before each use. Do not use the stand if it is cracked, broken, bent, shows signs of thread damage, has loose or missing hardware, or is altered or modified in any way. Take corrective action before using the stand 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.  
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[www.norcoindustries.com](http://www.norcoindustries.com)

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.