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## MODEL 78115 1,500 LB. CAPACITY ENGINE LOAD LEVELER OPERATING INSTRUCTIONS

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### IMPORTANT: READ THESE INSTRUCTIONS BEFORE OPERATING

**BEFORE USING THIS PRODUCT, 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 engine load leveler is covered by a Limited Lifetime Warranty. For details see the back cover of Norco's product catalog.

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### CAUTION

- Before operating, read, understand, and follow all setup, operating and maintenance instructions that accompanied this device.
  - Do not attempt to lift a load that exceeds the maximum capacity of 1,500 lbs. Overloaded equipment can fail and cause personal injury.
  - To maintain stability and ensure the load bearing chains are not stressed beyond their capacities, do not spread the load bearing chains more than a total of 90° for both sets of chains. For example, one set of chains can spread up to 45° in any direction, and the other set of chains can spread up to 45° in the other direction.
  - Attach ALL FOUR chains to the load being lifted; NEVER use a single chain setup.
  - This load leveler is not designed for overhead lifting applications. Stay out from underneath a load being lifted or suspended.
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## OPERATING INSTRUCTIONS

The Engine Load Leveler is designed to handle and position large, bulky components.

The horizontal tilt can be adjusted to compensate for off-center loads, or adjusted to a certain angle for a component being positioned.

1. Hook ring eyelet on load leveler to a crane or hoist.
2. Attach all four load bearing chains to the component to be lifted.
3. Securely fasten the bolts holding the load.
4. Lift the component slightly to locate the center of balance. Level the load by turning the adjustment handle either clockwise or counterclockwise.

#### **GENERAL MAINTENANCE**

1. Regularly clean and lubricate the tilt adjustment screw.
  2. Check to ensure load bearing bolts are tightened.
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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  
[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.