



## LEVELING SCISSOR JACK 7500 LB. CAPACITY

<b>Model</b>	<b>18229, 18230, 18470</b>
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### OPERATING INSTRUCTIONS



Due to continuing improvements, actual product may differ slightly from the product described herein.

**TO PREVENT SERIOUS INJURY, READ AND UNDERSTAND ALL  
WARNINGS AND INSTRUCTIONS BEFORE USE.**

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## SPECIFICATIONS

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Jack Construction	2.0mm Sheet
Crank Handle Construction and Dimensions	Steel Rod Rubber Grip and Attached Socket 20-1/2" L x 3/8" Diameter (5" Long Rubber Handle and Grip)
Jack Capacity	7500 lb. maximum capacity with height not less than 13-3/4"
Lift Range	4-5/8" Minimum Height to 24" Maximum Height
Overall Dimensions	26-1/4" Total Length x 4-5/8" High x 6-3/4" Wide (Collapsed for storage)
Jack Mounting	Bolt-On (see directions on page 5 of this manual) Weld-On (see directions on page 5 of this manual) Unmounted use is NOT recommended
Weight	14.35 lb. (Jack Only)

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### SAVE THIS MANUAL

You will need this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures, parts list and assembly diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Write the product's serial number in the back of the manual near the assembly diagram, or write month and year of purchase if product has no number. Keep this manual and invoice in a safe and dry place for future reference.

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## SAFETY RULES AND WARNINGS

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**WARNING!**  
**READ AND UNDERSTAND ALL INSTRUCTIONS**  
**Failure to follow all instructions listed below may result in serious injury.**  
**SAVE THESE INSTRUCTIONS**

1. **DO NOT USE THIS LEVELING JACK FOR LIFTING.** Do not use to change tires.
2. **Keep space around jack as uncluttered as possible when using this leveling Scissor Jack.** Clutter can hinder smooth operation and possibly cause accidents and/or serious personal injury. Keep area well lit.
3. **Keep out from under trailer or RV.** Keep hands away from scissor mechanism.
4. **Do not exceed maximum weight capacity of 7500 lb.**
5. **Wear ANSI- approved safety goggles and heavy duty work gloves during use.**
6. **Level only at trailer or RV manufacturer's recommended lifting points.**
7. **Install this leveling Scissor Jack in accordance with DMV regulations.**
8. **Keep children away.** Children must never be allowed in the Leveling Jack area. Do not let them handle the Jack at any time.
9. **Use the right tool for the job.** There are certain applications for which this leveling Scissor Jack was designed. It will do the job better and more safely at the rate for which it was intended. Do not modify this Jack and do not use this jack for a purpose for which it was not intended.

10. **Dress properly.** Do not wear loose clothing or jewelry as they can be caught in moving parts. Wear restrictive hair covering to contain long hair.
11. **Do not overreach.** Keep proper footing and balance at all times. Do not reach over or across a Leveling Jack under a load.
12. **Maintain tools with care.** Keep tools clean for better and safer performance. Follow instructions for lubricating and changing accessories. The handle must be kept clean, dry and free from oil and grease at all times.
13. **Check for damaged parts.** Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures; and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician.
14. **Replacement parts and accessories.** When servicing, use only identical replacement parts. Use of any other parts will void the warranty. Only use accessories intended for use with this tool. Approved accessories are available from Prime Steels Inc.
15. **Stay alert.** Watch what you are doing, use common sense. Do not operate any tool when you are tired.
16. **Do not operate tool if under the influence of alcohol or drugs.** Read warning labels if taking prescription medicine to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate the tool.
17. **Stand clear of the Leveling Jack when attempting to level any trailer or RV.**
18. **Never exceed the Jack's capacity of 7500 lb.** Check the trailer or RV's manual to determine the actual gross weight before attempt to level it. **This jack's weight capacity is 7500 lb. only between 13-3/4" and 23-1/2"; the weight capacity drastically reduces as the height drops below this level. Do not apply a load to this jack below 13-3/4" in height.**
19. **Never stand on the Jack and never have people or pets in the trailer or RV you are attempting to level.**
20. **Place the Leveling Jack on a flat, level surface.** Only use this Jack on a stable, clean, dry surface that is capable of sustaining the weight of the Jack and the load it is stabilizing.
21. **Stabilize the load.** Ensure that the load remains stable at all times. Do not move the load while it is on the Leveling Jack.
22. **Block all of the wheels when leveling an RV or trailer.**
23. **Do not use this leveling scissor jack for aircraft purposes.**
24. **Some RV sub-frames are not capable of handling any additional forces beyond its intended design strength to support the cabin weight. Contact your RV manufacturer for the sub-frame strength information before use of this Scissor Jack.**
25. **The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible condition and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.**

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## UNPACKING

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When unpacking, check to make sure the item is intact and undamaged. **DUE TO SHIPPING AND TRANSPORTATION THE SCISSOR JACK MAY REQUIRE A POWER CRANK TO OPEN UP THE FIRST TIME BUT ONCE CRANKED UP THE MANUAL HANDLE WILL WORK. ALWAYS USE CAUTION WHEN USING A POWER TOOL SECURE THE SCISSOR JACK BEFORE USING A POWER TOOL. POWER TOOL NOT INCLUDED.**

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## ASSEMBLY

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This Leveling Scissor Jack comes completely assembled.

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## INSTALLATION

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### **WARNING! DO NOT USE THIS LEVELING SCISSOR JACK WHILE UNMOUNTED**

1. Park RV or trailer on level ground. Prevent the wheels from rolling by applying emergency brake and wheel blocks (not included).
2. Check the following before proceeding with the installation:
  - a. Attach Jack to the frame of the RV or Trailer using two c-clamps (not included) or two vise grips (not included). Close the Jack using the Handle Wrench (16) to check the frame location. Make sure the Jack will clear any chassis components nearby.
  - b. Open the Jack enough to touch the ground. Recheck the location on the frame and adjust if needed.
  - c. Once in place, apply enough pressure between the ground and the Jack to ensure that it will not move during the rest of the installation process. Remove the c-clamps (not included) or vise grips (not included).

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### **BOLT-ON INSTALLATION**

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1. **WARNING! BEFORE DRILLING HOLES, CHECK FOR ANY CHASSIS COMPONENTS WHICH MAY BE INSIDE THE FRAME. LOOK FOR ELECTRICAL LINES AND WIRES, GAS TANK, GAS LINES, WATER AND HOLDING TANKS, GENERATOR FUEL LINES AND WATER HEATER LINES. MAKE SURE AREA IS CLEAR OF THESE COMPONENTS BEFORE DRILLING.**
2. Hold the Jack against the frame and using the Mounting Brackets (9) as a template, mark the locations of the 8 mounting holes on the RV or Trailer frame. Remove the Jack.
3. Use a center punch (not included) and hammer (not included) to mark the center of each hole.
4. Use a drill (not included) to make a pilot hole 1/8". Then use a 5/16" drill bit (not included) to complete each hole. Use eight 3/8" tapping screws (not included) with eight lock washers (not included) to attach the Jack to the frame.

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### **WELD-ON INSTALLATION**

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1. Refer to "Installation" and steps 1 and 2 under "Bolt-on Installation" on pages 4 of this manual.
  2. Weld at least four 1" welds on the Jack Mounting Brackets (9) when attaching to the frame.
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## OPERATION

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### **TRAILERS, TRAVEL TRAILERS AND 5<sup>TH</sup> WHEELS**

1. Park on level ground.
2. Level trailer (travel trailer, 5<sup>th</sup> wheel) front and back with small carpenter's level (not included), or round bubble level (not included). Place leveling blocks (not included) in front of one tire on trailer. Slowly pull forward to drive the trailer up onto the blocks. When the trailer is level, stop and block all tires to keep from rolling forward or backward.
3. Using Handle Wrench (16) lower the Scissor Jack on the lowest side first to get level. Use Jacks on opposite sides for best stabilization.
4. After Jack makes firm contact with ground, turn Handle Wrench (16) twice to insure Jack will not loosen from trailer during use.

**NOTE:** When RV or trailer will not be moved for several days, periodically check Jacks to be sure they have not worked loose.

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## **MOTOR HOMES**

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1. Park on level ground and level motor home front and back (see step 2 in previous section).
2. Using handle (16) lower Jacks on opposite sides for stabilization (see steps 3 and 4 in previous section).

**NOTE:** If motor home comes with factory installed hydraulic levelers, the Leveling Scissor Jack can be used to provide additional stabilization. Follow the directions for installation found in this manual on pages 4 and 5.

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## **MAINTENANCE**

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1. Before use, inspect the Leveling Scissor Jack for cracks, dirt or debris in threads, loose welds or bolts and anything else that looks or feels abnormal. If anything is found, do not use the Jack. Have it repaired or replaced.
2. Keep the Leveling Scissor Jack clean and dry.
3. Periodically lubricant Screw Rod (4) threads with high quality light weight oil (not included).

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## **LIMITED 90 DAYS WARRANTY**

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Prime Steels makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our products. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantages of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

**Record Product's Serial Number Here:** \_\_\_\_\_

**Note:** If product has no serial number, record month and year of purchase instead.



**PRIME STEELS INC.**

## **LIFETIME LIMITED WARRANTY**

**TIRE CARRIER, FOOT PADS, QUICK PINS, TRIPODS, QUICK SUPPORTS, CHOCK LOCKS, SCISSOR JACKS, STACKER JACKS, SPREED SOCKET, LOCKING CUP AND TONGUE JACK CASTER WHEEL AND FOOT PADS**

### **THE MANUFACTURER NAMED BELOW MAKES THE FOLLOWING WARRANTY WITH RESPECT TO THE ABOVE PRIME STEELS PRODUCTS**

1. The Warranty is made only to the first Purchase (hereinafter called the "Original Purchaser") who acquires this product for their own use.
2. This warranty will be in effect for the lifetime from the date of purchase by the Original Purchaser. It is suggested that the Original Purchase retain a copy of the dated bill of sale as proof of the date of purchase.
3. This warranty cover only specified parts which shall be free defects in material and workmanship under normal use. This warranty does not cover conditions unrelated to the material and workmanship of the product. Such unrelated conditions include, but are not limited to (a) faulty installations and any damage resulting from such; (b) the need for normal maintenance and nay damage resulting from the failure to provide such maintenance; (c) failure to follow Manufacturer's instructions for use of this product, and (d) any accident to, or misuse of, any part of this product and any alteration by anyone other than the Manufacturer or its authorized representative.
4. In order to obtain the benefits of this Warranty, you should return the product which you find defective to the Manufacturer named below during the period that this Warranty is in effect. All change incurred in delivery of the product to the Manufacturer, and in picking it up after the warranty service has been completed, must be paid by the Original Purchaser.
5. Any item returned in the manner described in paragraph 4 will be examined by the Manufacturer. If it is found that the returned item was defective in material or workmanship, the Manufacturer will repair it without charge for material and labor.
6. Prime steels will pay freight on replacement parts during the first 90 days of ownership by the Original Purchaser.
7. The Manufacturer does not authorize any person or company to create any Warranty obligation or liability on their behalf.
8. IN NO EVENT SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, SOME STATES DO NOT ALLOWTH EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE ABOVE LIMINATION OR EXCLUSION MAY NOT APPLY TO YOU.
9. ANY IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR ANY PURPOSE, IS LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.
10. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, ANY YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.



**PRIME STEELS INC.**

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