Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference. 19g

PITTSBURGH® AUTOMOTIVE

56357

3 Ton Aluminum Racing

Jack Stands



Visit our website at: http://www.harborfreight.com
Email our technical support at: productsupport@harborfreight.com

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

⚠WARNING

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

Specifications

Capacity	3 Tons (6,000 lb.)*
Height Range (Approximate)	11-3/16" – 16-3/8"

*Evenly distributed across two Jack Stands.

IMPORTANT SAFETY INFORMATION

⚠WARNING

Failure to heed these markings may result in personal injury and/or property damage.

1. **Study, understand, and follow all instructions before operating this device.**
2. **Do not exceed rated capacity.**
3. **Use only on hard, level surfaces.**
4. **Center load on saddle.**
5. **Use as matched pair to support one end of a vehicle only.**
6. **Wear ANSI-approved safety goggles and heavy-duty work gloves during use.**
7. **Do not use for aircraft purposes.**
8. **Support vehicle only at manufacturer-recommended locations.**
9. **Inspect before every use; do not use if parts loose or damaged.**
10. **Examine Jack Stands for cracks or damage before each use. Do not use if even a minor crack, bend or other damage/deformation appears. Discard Jack Stand if damaged or deformed.**
11. **Keep work area clean**. Cluttered areas invite injuries.
12. **Observe work area conditions**. Keep work area well lighted.
13. **Keep children away**. Children must never be allowed in the work area.
14. Store idle equipment. When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.
15. There are certain applications for which this tool was designed. Do not modify this tool and do not use this tool for a purpose for which it was not intended.
16. Dress properly. Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically non-conductive clothes and non-skid footwear are recommended when working. Wear restrictive hair covering to contain long hair.
17. Maintain tools with care. Keep tools clean for better and safer performance. Follow instructions for lubricating and changing accessories.
18. Stay alert. Watch what you are doing, use common sense. Do not operate any tool when you are tired.
19. Do not operate tool if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate the tool.
20. Only use on proper surface. Only use the Jack Stands on a dry, level, flat surface, which is free of grease or debris. The surface to be used must be capable of supporting the combined weight of the vehicle and the Jack Stands.
21. Do not use to support a lawn mower or tractor.
22. Do not move or rock a vehicle supported by stands.
23. The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. The operator must understand that common sense and caution are factors, which cannot be built into this product, but must be supplied by the operator.

Assembly

Read the <u>ENTIRE</u> IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

<u>Note:</u> For additional information regarding the parts listed in the following pages, refer to the Assembly Diagram near the end of this manual.

1. Take a **Post** and face the ratchet edge toward the front of the **Base**. The **Pawl** is on the front.
2. Use a hex wrench (sold separately) to loosen the Screw (5) so that it doesn't interfere with the **Post** sliding into the slot. Lift the **Handle** and lower the **Post** into the **Base**. Make sure it is completely lowered. See Figure A.

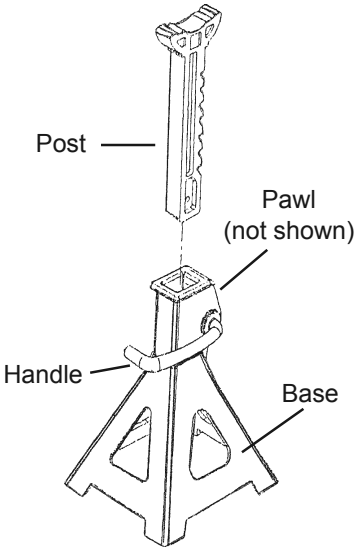


Figure A

CAUTION! Be alert to pinching hazard when lowering the **Post.**

3. To secure the Post, tighten the **Screw** (5) shown in Figure 2.

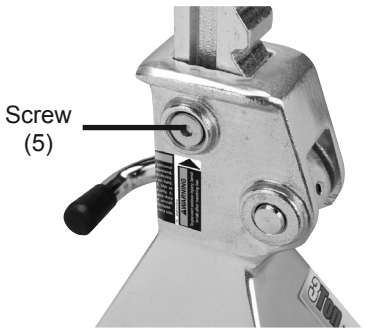


Figure B

WARNING! Before using the Jack Stands, make sure the **Post** cannot be pulled up and out of the **Base**.

4. Repeat Steps 1 through 3 with the other Jack Stand.

Operating Instructions

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

WARNING! Use as matched pair to support one end of a vehicle only.

Supporting a Vehicle

1. Make sure the vehicle does not exceed the capacity of the Jack Stands. **Note: Check that the weight is evenly distributed between the Jack Stands. You must evenly distribute the weight or the Jack Stands may fail, causing severe injury or death. Only apply the load vertically.**

WARNING! If a vehicle drops on the Jack Stands (even if it is under the weight capacity limit), the principle of "dynamic loading" takes affect. The force of the weight falling may cause the Jack Stands to fail. A vehicle weighing much less than the Jack capacity may cause the Jack Stands to fail if dropped on them.

Note: Do not move the Handle when the Jack Stands are supporting a vehicle. The shear pin is designed to shear in the event the user attempts to move the Handle while supporting weight. If the pin shears, do not use the Jack Stands again until the shear pin is replaced by a qualified technician.

2. Examine Jack Stands for cracks or damage before each use. Do not use if even a minor crack, bend, or other damage/deformation appears. Discard Jack Stand if damaged or deformed.
3. Raise the **Handle** on each Jack Stand to completely lower the **Post**.
4. If your are raising only one end of the vehicle, block the tires that remain on the ground.
5. Following the instructions in your floor jack manual, raise your vehicle to just above the minimum height of your Jack Stands.
6. Slide your Jack Stands to the proper position points referred to in the vehicle owner's manual. Make sure the Jack Stands are on the same point on each side of the vehicle. Move the **Handle** up, and raise the Jack Stands until they are just below the jack contact point on the vehicle. Center the load on the Saddle of the **Post**. Release the **Handle** so that ratchet catches on the **Pawl**. Gently lower the vehicle with the floor jack. It may drop down a very small amount until the ratchet catches on the **Pawl**. Repeat on other side.

WARNING! Set both the Jack Stands to the same height.

7. Determine if the vehicle is stable. If not, raise the vehicle and reposition the Jack Stands.

Removing the Jack Stands

1. Raise the vehicle with a floor jack to take the load off of the Jack Stands.
2. Raise the **Handle** on the Jack Stands and lower the **Posts**.
3. Remove the Jack Stands. Use the floor jack to safely lower the vehicle to the ground.

WARNING! Do not use Jack Stands as a permanent stand for the vehicle. Use them only while making repairs, then immediately lower vehicle to the ground.

Maintenance and Servicing

Procedures not specifically explained in this manual must be performed only by a qualified technician.

⚠WARNING

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:
Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

1. Periodically clean the bottom of the Bases and top of Posts of any dirt, grease, or debris.
2. **Before each use,** inspect the general condition of the Jack. Check for broken, cracked, or bent parts, loose or missing parts, and any condition that may affect the proper operation of the product. **Do not use damaged equipment. Discard Jack Stand if damaged or deformed.**
3. Periodically lubricate release handle pivot points.

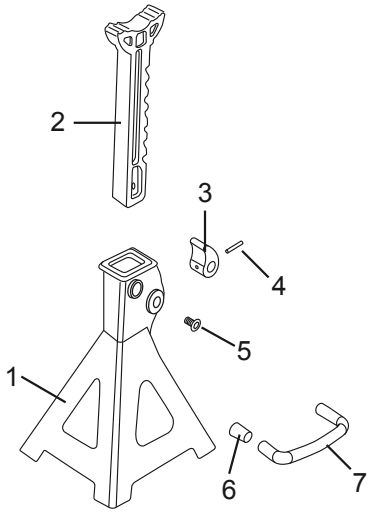
Record Product's Serial Number Here:_____

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

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

Parts List and Assembly Diagram

Part	Description	Qty
1	Base	2
2	Post (Ratchet Bar)	2
3	Pawl (Stopper)	2
4	Pin 4 x 28	2
5	Screw M8 x 14	2
6	Handle Cover	2
7	Handle	2



PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

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To take advantage 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.

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