ProValue™

Old 1500-CJ
New 1500-PV

750 LB. ENGINE STAND

⚠WARNING

DO NOT OVERLOAD. OVERLOADING CAN CAUSE DAMAGE TO, OR FAILURE OF THE STAND.

THIS STAND IS DESIGNED FOR USE ONLY ON HARD LEVEL SURFACES CAPABLE OF SUPPORTING THE LOAD. USE ON OTHER THAN HARD LEVEL SURFACES CAN RESULT IN STAND INSTABILITY AND TIPPING OF LOAD.

LOCK THE MOUNTING-PLATE ROTATING MECHANISM BEFORE APPLYING A LOAD. RELEASE ROTATIONAL LOCKING DEVICE SLOWLY AND CAREFULLY.

ALWAYS USE HIGH STRENGTH SAE GRADE 8 BOLTS FOR ENGINE MOUNTING BOLTS.

MAKE SURE WIDEST SET OF MOUNTING HEAD FINGERS ARE NEAREST THE GROUND WHEN MOUNTING AN ENGINE TO THE STAND.

ALWAYS BE SURE THAT THE LOAD IS CENTERED AND SECURED TO THE MOUNTING PLATE. OFF-CENTER LOADS MAY MAKE THE LOAD AND HANDLE ROTATE IN EITHER DIRECTION WHEN THE ROTATIONAL LOCKING DEVICE IS RELEASED.

NEVER LOOSEN MOUNTING BOLTS UNLESS ENGINE IS SUPPORTED BY A CRANE OR HOIST.

DO NOT USE STAND TO DOLLY OR TRANSPORT ENGINES.

NO ALTERATIONS TO THE STAND OR ADAPTERS SHALL BE MADE.

DO NOT ROTATE MOTOR UNLESS REAR LEGS ARE SECURED FROM TIPPING.

READ, STUDY AND UNDERSTAND ALL INSTRUCTIONS BEFORE OPERATING.

FAILURE TO HEED THESE WARNINGS MAY RESULT IN LOSS OF LOAD, DAMAGE TO STANDS, AND/OR FAILURE RESULTING IN PROPERTY DAMAGE, PERSONAL OR FATAL INJURY.

⚠WARNING

Refer to Engine Service Manual for Correct Lifting Points, Mounting Points and Mounting Bolts! Mounting bolts should be torqued at appropriate amount to maintain load.

CARQUEST®

PARTS BREAKDOWN & OPERATING MANUAL

Rev. 04/17/03

FEATURES

- Sturdy Tubular Steel Construction for Strength
- Multi-Position Locking Mount
- Adjustable Locking Mechanism Allows 360° Rotation of Engine
- T-Shaped Design for Added Stability
- 4 Wheel Design

ASSEMBLY INSTRUCTIONS

1. Bolt front leg (#4) to base connector (#2) using (2) 3/8" x 2-1/2" Hex Bolts (#22), (2) 3/8" washers (#21), (2) 3/8" lock washers (#20) and (2) 3/8" nuts (#19). Bolt from outside towards center of engine stand.
2. Bolt rear leg (#3) to base connector (#2) using (2) 3/8" x 2-1/2" Hex Bolts (#22),(2) 3/8" washers (#21), (2) 3/8" lock washers (#20) and (2) 3/8" nuts (#19).
3. Insert post (#1) into post tube on base connector (#2) using a 1/2" x 4" full thread bolt (#25). Screw into welded nut on post tube, through post (#1) until tight.
4. Insert head (#5) into rotator tube on top of post. Tighten with 1/2" x 1" hex head bolt (#16) screwed into rotator tube.
5. Insert handle (#8) through rear of head tube.
6. Place grips (#9) on both ends of handle.
7. Attach fingers (#6,7) to head plate using (4) 1/2" x 3" hex head bolts (#23), (4) washers (#24) and (4) nuts (#18).

INSPECTION

Visual inspection should be made before each use of the engine stand, checking for damaged, loose or missing parts. Each stand must be inspected by a manufacturer's repair facility immediately, if accidentally subjected to an abnormal load or shock. Any stand which appears to be damaged in any way, found to be badly worn, or operates abnormally **MUST BE REMOVED FROM SERVICE** until necessary repairs are made by a manufacturer's authorized repair facility. It is recommended that an annual inspection of the stand be made by a manufacturer's authorized repair facility and that any defective parts, decals or warning labels be replaced with manufacturer's specified parts.
A list of authorized repair facilities is available from the manufacturer.

SPECIFICATIONS

Capacity .....750 Lbs.
Length .....32-1/2"
Width .....28-/12"
Height .....38"
Shipping Wt.....59 lbs.

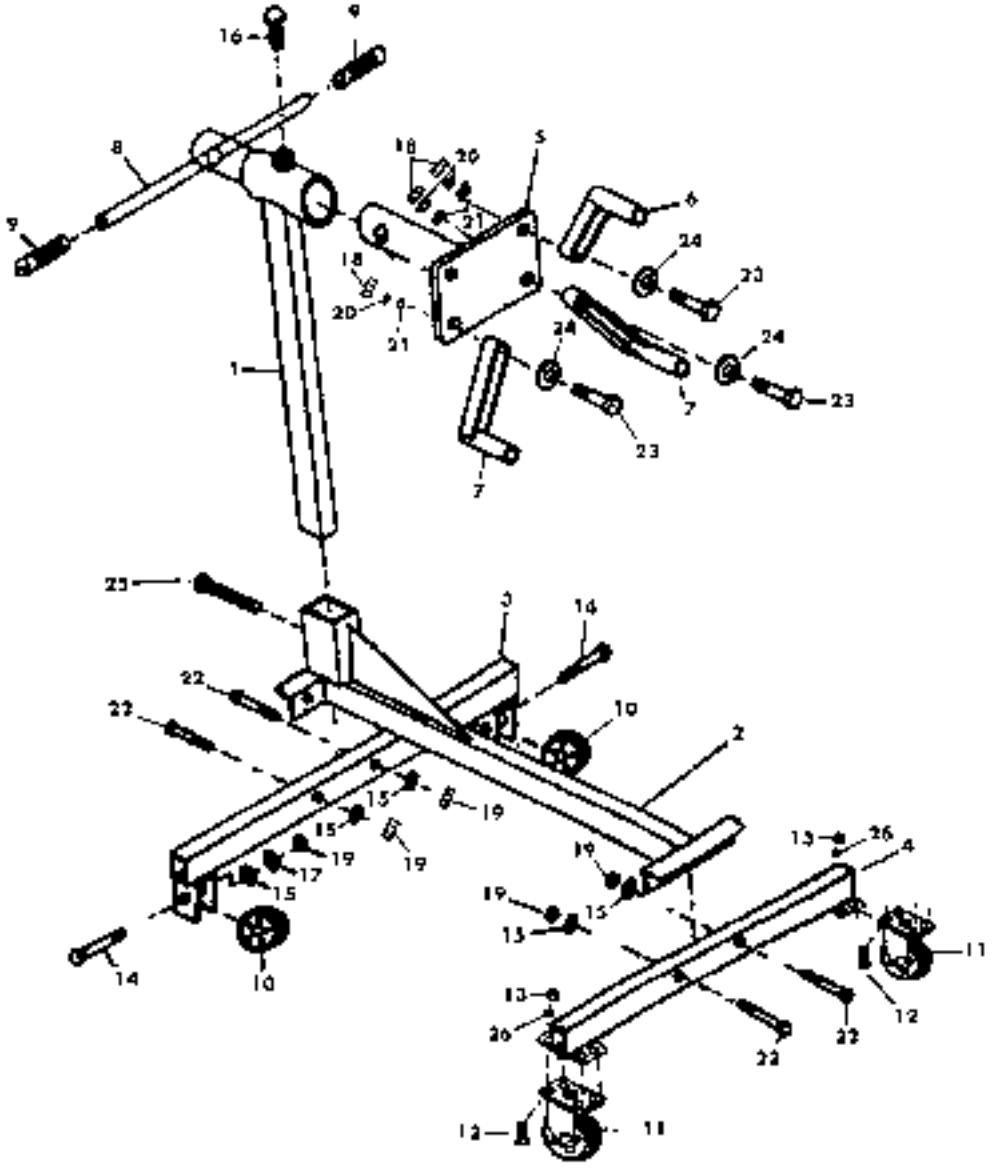
OPERATING INSTRUCTIONS

Drain oil and coolant and remove flywheel from engine before mounting. Mount engine as directed in procedures which follow. Refer to engine service manuals and technical bulletins when mounting engines. Lift engine (block) with crane or hoist until even with head of engine stand. Bolt through adjustable fingers to back of block at bell housing mounting holes. Fasten securely to mounting plate. Slowly lower crane or hoist so that the engine stand supports full weight of engine. To check engine balance, carefully loosen hex bolt at back of rotating head, making sure stand is secured from tipping, and turn handle to rotate engine. If balance is not satisfactory, rotate engine to its original position and raise with crane or hoist just enough to take weight off the stand. Loosen bolts on adjustable fingers and realign so that weight is evenly distributed. Tighten all bolts securely and recheck balance. For safe and secure operation: do not rotate engine more than 90° for any one location of the positioning handle. In general, keep the handle within 45° of horizontal. Keep a firm hold on positioning handle while rotating engine. To remove an engine from stand, attach a crane or hoist and raise engine just enough to take engine weight off stand. Carefully remove bolts attaching fingers to engine. Be aware that there will be a slight movement of stand as total engine weight is transferred to crane.

⚠WARNING

DO NOT CRAWL UNDER ENGINE OR PLACE ANY PART OF YOUR BODY UNDER ENGINE AT ANY TIME DURING MOUNTING OF ENGINE, USE OF STAND, OR REMOVAL OF ENGINE.

PARTS BREAKDOWN & OPERATING MANUAL



Item No.	Part No.	Description	Qty.
1		Post	1
2		Base Connector	1
3		Rear Leg	1
4		Front Leg	1
5	RS530056	Head	1
6	RS500091	Short Finger	2
7	RS500092	Long Finger	2
8	RSESHDL	Handle (incl. grips)	1
9		Grip	2
10	RSW301	3" Wheel	2
11	RSSC301A	3" Swivel Caster	2
*12		5/16" x 3/4" Hex Bolt	8
*13		5/16" Lock Nut	8

Item No.	Part No.	Description	Qty.
*14		3/8" x 2-1/2" Hex Bolt	2
*15		3/8" Washer	6
*16		1/2" x 1" Hex Bolt	1
*17		3/8" Lock Washer	2
*18		1/2" Hex Nut	4
*19		3/8" Hex Nut	6
*20		1/2" Lock Washer	4
*21		1/2" Washer	4
*22		3/8" x 2-1/2" Hex Bolt	4
*23		1/2" x 3 Hex Bolt	4
*24		1/2" Flat Washer	4
*25		1/2" x 3-1/4" Hex Bolt	1
*26		5/16" Washer	8

* These parts available in Bolt Kit #RS8750BK (includes items12 - 26).

PARTS BREAKDOWN & OPERATING MANUAL

OWNER/USER RESPONSIBILITY

The owner and/or user must have a thorough understanding of the manufacturer's operating instructions and warnings before using this engine stand. Personnel involved in the use and operation of equipment shall be careful, competent, trained, and qualified in the safe operation of the equipment and its proper use when servicing motor vehicles and their components. Warning information should be emphasized and understood. If the operator is not fluent in English, the manufacturer's instructions and warnings shall be read to and discussed with the operator in the operator's native language by the purchaser/owner, making sure that the operator comprehends its contents.

Owner and/or user must study and maintain for future reference the manufacturer's instructions. Owner and/or user is responsible for keeping all warning labels and instruction manuals legible and intact. Replacement labels and literature are available from the manufacturer.

MAINTENANCE

Apply motor oil to support base wheels and casters. Apply chassis grease to mounting head hub. Rotate head to distribute grease.

⚠WARNING

Refer to Engine Service Manual for Correct Lifting Points, Mounting Points and Mounting Bolts! Mounting bolts should be torqued at appropriate amount to maintain load.

LIMITED WARRANTY

ProValue™ shop equipment and tools excluding accessories, are warranted against defects in materials or workmanship for a period of one year from original purchase. We will repair or replace at our option any defective part or unit which proves to be defective in material or workmanship within this warranty plan. This warranty does not cover damage to equipment or tools arising from alteration, abuse, misuse, damage and does not cover any repairs or replacement made by anyone other than ProValue™ or its authorized service centers.

The foregoing obligation is CARQUEST Products., Inc., ProValue's sole liability under this or any implied warranty and under no circumstances shall we be liable for any incidental or consequential damages.

NOTE: Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Return equipment or parts to service center transportation prepaid. Be certain to include your name and address, evidence of the purchase date, and description of the suspected defect.

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