

Operating Instructions • Warning Information

• Parts Breakdown

*Meets or exceeds ASME PALD-1997
standards for performance & safety.*



! WARNING



THE USE OF THIS JACK IS LIMITED TO THE REMOVAL, INSTALLATION, AND TRANSPORTATION IN THE LOWERED POSITION, OF TRANSMISSIONS AND DIFFERENTIALS. IT MAY BE USED WITH APPROPRIATE ADAPTERS MANUFACTURED SPECIFICALLY FOR THE JACK TO HANDLE OTHER COMPONENTS, SUCH AS REAR AXLE UNITS AND TRANSFER CASES, WITHIN THE WEIGHT LIMITATIONS SPECIFIED. NO ALTERATION TO THE JACK OR ADAPTERS SHALL BE MADE.

BE SURE THE VEHICLE IS APPROPRIATELY SUPPORTED BEFORE STARTING REPAIRS.

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

ONLY ATTACHMENTS AND/OR ADAPTERS SUPPLIED BY THE MANUFACTURER SHALL BE USED.

THIS JACK IS DESIGNED FOR USE ONLY ON HARD LEVEL SURFACES CAPABLE OF SUSTAINING THE LOAD. USE ON OTHER THAN HARD LEVEL SURFACES CAN RESULT IN JACK INSTABILITY AND POSSIBLE LOSS OF LOAD.

READ, STUDY AND UNDERSTAND THE OPERATING MANUAL PACKED WITH THIS JACK BEFORE OPERATING.

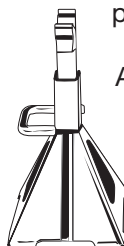
FAILURE TO HEED THESE WARNINGS MAY RESULT IN LOSS OF LOAD, DAMAGE TO JACK, AND/OR FAILURE RESULTING IN PROPERTY DAMAGE, PERSONAL OR FATAL INJURY.

! WARNING

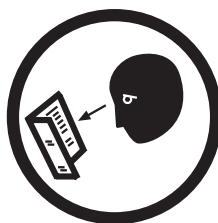
FOR YOUR SAFETY AND TO PREVENT INJURY:



Use jack for lifting purposes **ONLY**.



Always support vehicle with jack stands.



THIS OPERATING MANUAL CONTAINS IMPORTANT SAFETY INFORMATION.

READ CAREFULLY AND UNDERSTAN ALL INFORMATION BEFORE OPERATING THIS TOOL.

SAVE THIS MANUAL FOR FUTURE USE.

SPECIFICATIONS

Capacity	1000 Lbs.
Low Height	43-5/8"
Raised Height	73-1/4"
Saddle Tilt Forward	23°
Saddle Tilt Backward	16°
Saddle Tilt Side to Side	7°
Max. Lifting Head Size	18-1/2" x 18-1/2"
Shipping Weight	134 Lbs.

CTJ-1000PPJ

1000 Lb.
Pedestal Pit
Transmission
Jack

OWNER/USER RESPONSIBILITY

The owner and/or user must have an understanding of the manufacturer's operating instructions and warnings before using the transmission jack. 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 and pertinent warning information. 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.

INSPECTION

Visual inspection should be made before each use of the transmission jack. Any jack which appears to be damaged in any way, is found to be badly worn, or operates abnormally must be removed from service. If the jack is accidentally subjected to an abnormal load or shock it must be inspected by a manufacturer's authorized repair facility immediately. It is recommended that an annual inspection of the jack 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. All repairs must be made by a factory authorized service center. A list of authorized repair facilities is available from the manufacturer.

MAINTENANCE INSTRUCTIONS

IMPORTANT: When adding or replacing hydraulic fluid, always use a quality hydraulic fluid. DO NOT use brake fluid, alcohol, glycerine, detergent motor oil, or dirty oil as improper fluid can cause serious internal damage to jack.

Regularly lubricate all moving parts with SAE 30 oil or light grease, paying close attention to the tilt screws and related linkages.

Regularly check the oil level in ram. With saddle fully lowered and jack on level ground, remove filler plug. Hydraulic fluid should be filled to level of hydraulic fluid filler plug hole. If low, add hydraulic fluid as needed.

Maintenance and Inspection: The owner and/or user must maintain and inspect the jack in accordance with the manufacturer's instructions.

BEFORE USE

Air may become trapped in the hydraulic system during transit. To purge air:

1. Open release valve by turning knob counterclockwise.
2. Pump pedal rapidly 4 full strokes. This will expel air that may have entered hydraulic fluid passages during transit.
3. Close release valve by rotating knob clockwise and pump foot pedal.
4. If hydraulic arm raised, jack is ready for use. If not, repeat this procedure.

ASSEMBLY INSTRUCTIONS

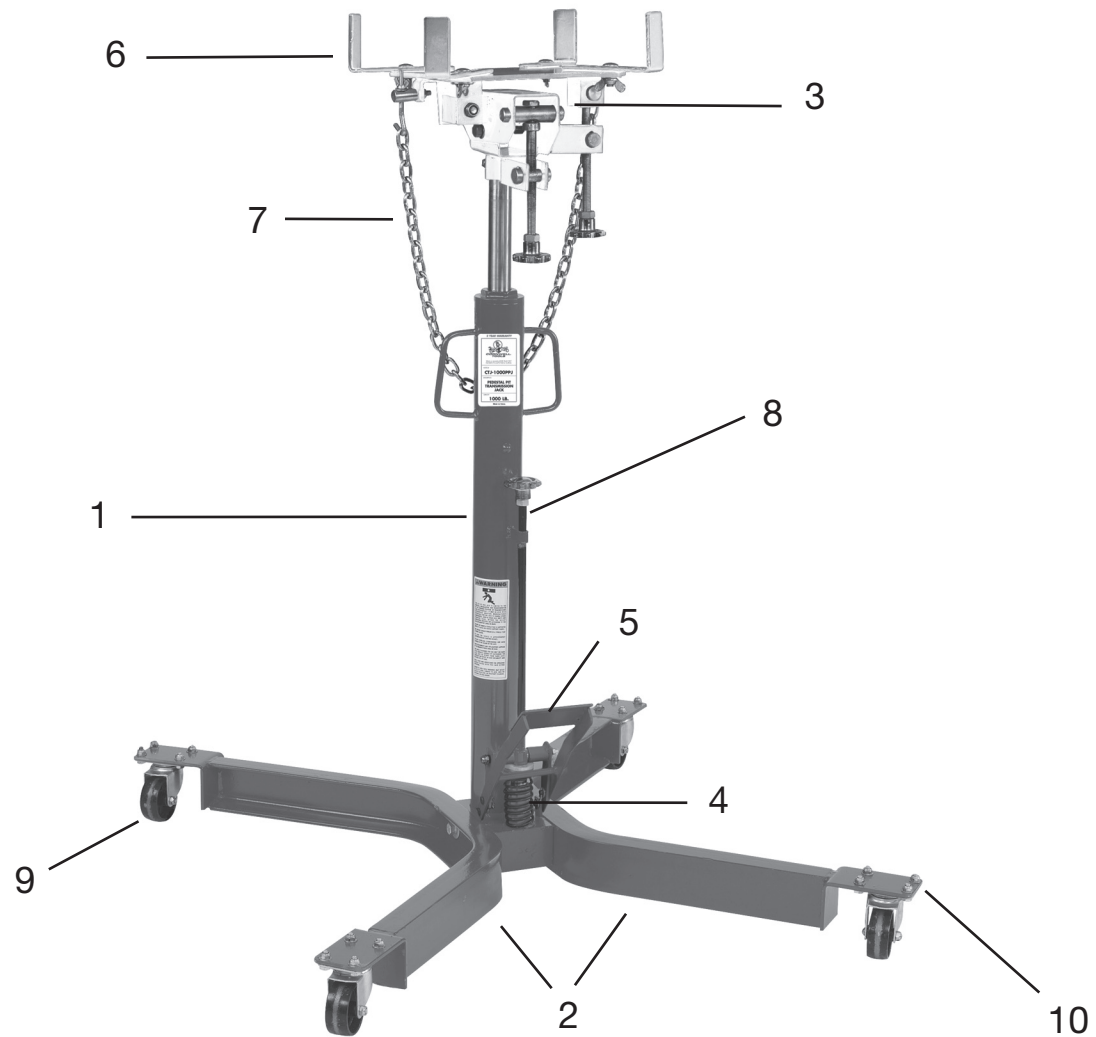
Before using the jack for the first time, some assembly is required. Place hydraulic jack unit in upright position and bolt legs to base using (4) bolts and lock washers provided with jack. Place saddle on hydraulic unit and secure with hex set screw. Assemble casters to legs. Attach fingers to saddle using a bolt and wing nut per finger.

OPERATING INSTRUCTIONS

IMPORTANT: Before attempting to raise a vehicle, check vehicle service manual for recommended lifting surfaces.

1. To lift load, pump lever to raise saddle to desired height to contact transmission.
2. Always position the jack so the weight of the load is equally distributed on the saddle.
3. To tilt lifting head, manipulate the appropriate knobs (there are two) located under the lifting head.
4. Position corner support brackets and secure the load with chain.
5. Attach eyebolt to the bracket on the side of the saddle.
6. Insert J bolt through the eyebolt and attach the wing nut to the first couple of threads on the J bolt.
7. The chain should be pulled over the load securely and engaged into slot on the opposite side of the saddle, then tighten wing.
8. To lower the jack, slowly open release valve. Insure that load is lowered slowly.

PARTS BREAKDOWN - CTJ-1000PPJ



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	RS6645BL2	Hydraulic Unit	1
2	RS779501BL2	Leg	2
3	RS6644W	Saddle Assembly	1
4	RS6645PABL2	Pump Assembly	1
5	RS6645FPABL2	Foot Pedal Assembly	1
6	RS664406W	Finger	4
7	RS7700CH	Chain	1
8	RS6645RRABL2	Release Rod with Knob	1
9	RSSC301A	Caster	4
10	RS305004WK	Wheel Kit (8 bolts & nuts)	2
Not Shown:	RS779502	Bolt Kit	1
Not Shown:	RS6645SK	Seal Kit	

Also included: RS770410 Saddle Adapter necessary in order to use optional CSE1000FTA Fuel Tank Adapter with this jack.

WARRANTY COVERAGE

Cornwell Quality Tools Company ("Cornwell") warrants against defects in material and workmanship on this product for a period of TWO (2) YEARS from the date of original retail purchase. Subject to the conditions and limitations set forth below, Cornwell will, at its option, either repair or replace any part of the product(s) that proves defective by reason of improper workmanship or materials.

This warranty does not cover any damage to this product that results from accident, abuse, misuse, natural or personal disaster, or any unauthorized disassembly, repair, or modification. Repairs, disassembly and modification are only authorized to be made by Cornwell or a warranty service center approved by Cornwell.

WARRANTY SERVICE

To obtain warranty service, contact your Cornwell dealer, or you may ship the product to the nearest Cornwell Authorized Warranty Center (see listing), transportation prepaid. You must include your name and address, proof of the date of original retail purchase (receipt), and a detailed description of the problem you are experiencing and suspected defect.

EXCLUSIONS AND LIMITATIONS

THIS WARRANTY AND THE REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED. CORNWELL SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, TO THE EXTENT PERMITTED BY APPLICABLE LAW, ANY WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IF CORNWELL CANNOT LAWFULLY DISCLAIM IMPLIED WARRANTIES UNDER THIS LIMITED WARRANTY, ALL SUCH IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

IN NO EVENT SHALL CORNWELL BE LIABLE TO THE PURCHASER OR TO THE USER OF A CORNWELL PRODUCT FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES BASED UPON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, TORT, OR ANY OTHER LEGAL THEORY. SUCH DAMAGES INCLUDE, WITHOUT LIMITATION, EXPENSES, LOST REVENUES, LOST SAVINGS, LOST PROFITS, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM THE PURCHASE, USE OR INABILITY TO USE THE CORNWELL PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages or exclusions or limitation on the duration of implied warranties or conditions, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary by state.

Repair kits and replacement parts are available for many Cornwell products, regardless of whether or not the product is still covered by a warranty plan.

Cornwell Quality Tools Company
667 Seville Road • Wadsworth, OH 44281-1094

