

After periods of non-use, or anytime jack seems to labor more than usual, remove dust cap and place a few drops of light oil, such as **3 in 1<sup>®</sup>** into the oil hole in the crank socket.

Alternatively, wrap a rag around socket to catch overspray and use a light spray lubricant such as silicone sprayed liberally around the crank socket. Wipe away overspray. Run the jack to distribute the lubricant.

Keep dust caps on anytime crank is not installed.



## Support

For parts, technical support, or information regarding our other fine products, please contact us via one of the following:

- Web site: <http://www.happijac.com>
- e-mail: [happijac@happijac.com](mailto:happijac@happijac.com)
- Customer Service number: (800) 231-7440
- Fax: (801) 546-5241

### ONE YEAR LIMITED WARRANTY

This product is warranted for one year from date of purchase against defects in material or workmanship. Any defective part will be repaired or replaced ( at LCI's discretion) without charge when returned, with transportation prepaid.

There are no other expressed warranties except as set forth above, and any implied warranties are limited in duration to that of the express warranty. This warranty does not cover any damage due to misuse, negligence, or accidents. There is no warranty covering consequential damages, incidental damages, or incidental expenses including damage to property.

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

### WARRANTY CLAIMS

All defective material must be returned to the factory via prepaid shipment and upon inspection and determination of claims warranted, the factory will repair/replace the material at no charge, return repaired/replaced material to customer, with freight prepaid by LCI. A return authorization number (RMA) must be obtained prior to returning products for warranty repair. LCI limits its field warranty obligation to minimal and reasonable expenses associated with removal and packaging of products for warranty return. Field warranty service is not authorized and no claims for field warranty work will be honored by LCI.

### RETURN FOR CREDIT

No material shall be returned for credit without express permission in writing from LCI. Send all return materials prepaid and upon inspection and acceptability, a material credit will be issued less a 15 % restocking charge.



# Owners Manual & Operating Instructions

Carefully read these instructions before using the Happijac Camper Jacks. **CAUTION** Never raise the Jacks above the **WARNING STOP LINE** marked on the jack inner leg.

## General Precautions

Load & unload camper on basically level ground, never on an obvious grade.

Use 12" sq. 3/4" plywood support pads under each jack to prevent sinking into soft ground, sand, or hot asphalt

Use extreme caution when the wind is blowing. Avoid storing camper in windy, unsheltered areas and prevent snow accumulation on camper roof.

Secure camper with tie downs when stored outdoors.

Camper should be supported on a sturdy base during storage to prevent damage to camper floor and the wing walls. When living in camper, the floor should be firmly supported.

When leveling with the camper on the truck – **REMOVE TIEDOWNS**. The jacks are not designed with the capacity to lift both camper & truck. ***Overloading the jacks can result in property damage and/or personal injury or death.***

When the camper is being supported (stored) on the jacks alone and except when loading and unloading, It should be stored as close to the ground as possible (least possible jack extension). This provides maximum lateral stability.

## Loading Your Camper

Begin by raising the front of the camper a few inches (4" – 6") higher than the rear. Maintain this differential until the camper is resting on the truck bed. **Never raise the back of the camper higher than the front.**

Working front to back or side to side raise the camper in small increments checking continually to ensure that all jacks are on the ground and the camper remains level side to side (within 3 – 4 inches).

Raise camper, until the bottom of the camper is higher than truck bed by 3" or more. **BE CAREFUL NOT TO OVER-EXTEND THE JACKS.**

Slowly back the truck under the camper. *It is a good idea, when possible, to have a spotter.* Make sure truck and camper are aligned so as not to hit the jacks or the camper with truck fenders or wheel wells.. **Connect electrical cables while accessible.**

Lower camper onto truck bed making sure the rear of the camper contacts the truck bed first to avoid hitting the cab of the truck with the camper overhang.

Completely retract all 4 jacks to one inch of physical stop. If the stop is reached, back the jack out of the stop by 1". Jacks left retracted in the hard stop for prolonged periods can become bound and may be difficult to break free.

## Unloading Your Camper

**Make sure all tiedowns are disconnected.** Disconnect electrical connections as soon as they become accessible.

Run all 4 jacks to the ground then raise the front of the camper 4" to 6" higher than the rear.

Maintain this differential throughout the unloading process. **Never let the back of the camper become higher than the front.**

Raise the camper clear off the truck bed by 3" to 4". ) **BE CAREFUL NOT TO OVER-EXTEND THE JACKS.**

Slowly drive the truck forward, being very careful not to hit the jacks or the camper. **Caution: Fill holes or move rocks that could cause the truck to pitch into the jacks or the camper.**

Once the truck is clear, lower the camper, maintaining the slight nose up attitude, lower in small increments checking continually to ensure that all jacks are on the ground and the camper remains level side to side (within 3 – 4 inches).

If storing the camper, it is best to support the camper with blocks, sawhorses, etc. If storing on jacks alone, lower to lowest possible storage height. (Being careful of sewage drains, etc.) Stability increases the lower the jacks can be retracted.

If the camper is to be utilized while off the truck, stabilizing jacks under the camper floor will not only add to stability but provide a more comfortable camping experience.

## Manual Operation

**CAUTION:** Always insert the crank handle before releasing the manual locking lever. This lever disconnects the jack from the motor head (or lock cap in the case of manual jacks). These are the primary locking mechanisms. While highly unlikely it is not impossible that there could be a load induced retraction of the jack. **When not properly locked. When the crank handle is inserted, even if the locking lever is in the unlocked position, the jack will not auto-retract under load.**

To manually operate, first insert the crank handle, then release the Locking Lever (*Down Position*) at top of jack. Be sure to reset Locking Lever (*Up Position*) **BEFORE** removing the crank handle.



LOCKED



UNLOCKED

Crank clockwise to Lower Camper (retract jack)  
Counterclockwise to Raise Camper (extend jack)

## Maintenance

Frequently - check all mounting screws and other hardware for tightness and proper jack alignment.

Every 6 months - wax mounting brackets and both inner and outer tubes of jack leg with automotive wax. This not only protects from corrosion but improves jack performance by acting as a dry lubricant on the inner leg.

# THE GOLDEN RULES

## LOADING & UNLOADING A TRUCK CAMPER

- **NEVER** allow the front of the camper to become lower than the back.
- **NEVER** back into or turn into jacks.
- **NEVER** leave the camper in an elevated position supported by jacks. Lower to the ground or support weight on fixed platforms (saw horses, etc).
- **ALWAYS** keep the front of the camper slightly higher than the back.
- **ALWAYS** keep camper level side to side.
- **ALWAYS** ensure that camper is clear of truck bed when backing and pulling out.
- **STOP** frequently when loading & unloading to ensure camper is level side to side and the front is slightly higher than the rear.
- **ALWAYS REMEMBER** that you are moving a dynamic load weighing thousands of pounds.  
**USE EXTREME CAUTION.** As you change levels, side to side, front to back, and corner to corner, you are shifting hundreds of pounds of weight. It is very important that the load remain as evenly distributed on all four jacks as possible. ***No one jack, especially when swingouts are used, will support the shifting weight of the camper if a disproportionate load is shifted onto it! Keep the load evenly distributed!***

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