"Hi-Torque" Acme Power Jack
Owner's Instructions

H&H Engineering "Hi-Torque" Acme Power Jack is designed to lift up to 2,500 pounds a full 18 inches. Its design also includes a special clutch (torque limiter) that prevents damage to the jack, built in night lights, attached foot plate, and an emergency crank. An important part of owning and using Power Jack is being sure it is properly installed and serviced.

GENERAL SAFETY

- Read and understand the Power Jack installation instructions.
- Always block trailer wheels when using the jack.
- Remove jewelry (watches, rings, etc.).
- Prolonged operation of the torque limiter is not recommended.

BEFORE INSTALLATION

Raise your travel trailer’s front end and place blocks or stabilizing jacks under the front “A” frame. Lower the trailer until it rests securely on stabilizing jacks or blocks. Retract present jack and remove it.

INSTALLATION

Install Power Jack in hole and secure with, 3 bolts, 3 internal tooth lockwashers (bolt holes are threaded).
Attach the foot plate to Power Jack with 1/2-20 bolt and 1/2” lockwasher.

30 amp. fuse if needed

"Hi-Torque" Acme Power Jack

Connect the lead-wire directly to the positive (+) lead of the travel trailer’s battery using a twelve (12) gauge wire. Be sure the connection is a good one. A 30 amp. fuse can be used if needed.

IMPORTANT NOTICE

Powerhead may be repositioned and rotated to eliminate interference with LP gas cylinder shroud.

- Just loosen set screws on powerhead collar, position head in desired location and retighten set screws.

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OPERATION (ELECTRIC)

REMEMBER TO KEEP HANDS AND FEET FROM UNDER THE FOOT PLATE WHEN USING POWER JACK.

When the H&H Power Jack reaches the end of its travel (either raising or lowering) a built in torque limiter goes into operation with a clicking noise.

This torque limiter permits the final drive gear to slip and thus protects the unit. PROLONGED OPERATION OF THE TORQUE LIMITER IS NOT RECOMMENDED.

DOLLY WHEELS ARE NOT RECOMMENDED.

⚠️ WARNING
Avoid the risk of injury to yourself and others:
- Use the jack for lifting the travel trailer only.
- Never get beneath the travel trailer when it is supported by the jack.
- Support the vehicle with the appropriate means.

If an electrical failure should ever occur the emergency handle may be inserted into the jack post and the jack can be raise or lowered.

If powerhead is removed crank can still be used to raise and lower jack.

The "night-lights" are controlled by a switch under the big, red cover. Flip up the red cover, reach inside and push.

Up

Trailer Coupler

Down

⚠️ WARNING
Crank
Handle

Do not push rocker switch with crank handle in place. Breaking this rule will cause serious injury.

REMEMBER TO KEEP HANDS AND FEET OUT FROM UNDER THE FOOT PLATE WHEN USING THE POWER JACK.

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MAINTENANCE

Once a year, the powerhead should be removed and a liberal amount of grease (preferably a grease with high melting point) applied directly to the coupling on which the drive pin rests. DO NOT POUR OIL into top of jack post.

Once a year, the housing cover should be removed and the gears inspected for proper lubrication. Remove 4 screws and tap around edges of housing to free the cover--DO NOT insert screwdriver blade--this may damage mating surfaces. Before replacing cover, clean mating surfaces. If lubrication is needed, use MOBILITH 460 or equivalent grease.

Pictorial Wiring Diagram

Schematic Wiring Diagram