



POWER STANCE[™]
TONGUE JACK
OWNER'S MANUAL

L I P P E R T
C O M P O N E N T S[®]

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Introduction

The Power Stance™ tongue jack is used with travel trailer A-frame applications. The textured casing helps protect from chips and cracks. Three LED lights provide excellent illumination while reducing power consumption. Helical cut gears reduce noise and improve operating efficiency. Enhanced rocker switch improves its durability. The Power Stance tongue jack is protected by an in-line fuse and has an 18" stroke with a 3,500-lb capacity. A chain holder under the jack head provides a place to store chains when they are not attached to the tow vehicle.

NOTE: The Power Stance tongue jack is designed for vertical movement of the trailer only.

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Additional information about this product can be obtained from lci1.com/support or by using the myLCI app. Replacement kits can be ordered from <https://store.lci1.com/> or by using the myLCI app.

The myLCI app is free on iTunes® for iPhone® and iPad® and also on Google Play™ for Android™ users.

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For information on the assembly or individual components of this product, please visit:

<https://support.lci1.com/leveling-and-stabilization-support-tongue-jacks> .

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels. This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the LCI limited warranty.

WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely and within the parameters set forth in this manual.

WARNING

Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

WARNING

Failure to retract all jacks prior to travel may result in severe product and trailer damage, including serious personal injury or death to people and pets. Make sure all jacks are retracted prior to travel.

WARNING

The trailer must be supported per manufacturer's recommendations before working underneath. Failure to do so may result in death or serious personal injury.

CAUTION

The "CAUTION" symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

CAUTION

Moving parts can pinch, crush, or cut. Keep clear at all times.

NOTICE

All electrical wiring harnesses shall be loomed and secured to prevent possible damage and installed in accordance with RVIA electrical standards.

Operation

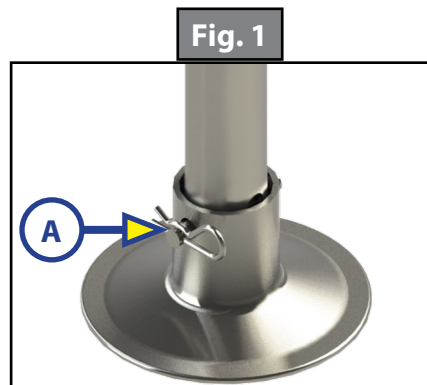
NOTE: The Power Stance power tongue jack can be operated by utilizing either a battery stored in the trailer, or by drawing power from the tow vehicle using the optional Power Swap Auxiliary Cord™.

NOTE: When RET (Fig. 2A) or EXT (Fig. 2B) on the switch is pushed, the light above the switch (Fig. 3A) will turn on automatically, and remain on for five minutes. It will then automatically turn off.

NOTE: The Power Stance tongue jack is designed for vertical movement of the trailer only.

Unhitching From Tow Vehicle

1. Chock the tires of the trailer.
2. Make sure the footpad of the Power Stance power tongue jack is pinned securely in place with the clevis pin and hairpin cotter pin (Fig. 1A).



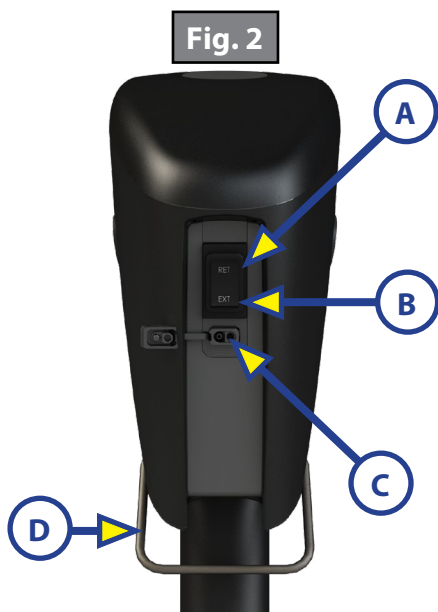
3. Make sure the ground surface under the Power Stance tongue jack is firm and level.
4. Push EXT (Fig. 2B) to extend the Power Stance tongue jack until the footpad touches the ground and the coupler clears the hitch ball.

NOTE: When RET (Fig. 2A) or EXT (Fig. 2B) is pushed, the light above the switch (Fig. 3A) will turn on automatically, and remain on for five minutes. It will then automatically turn off.

5. Disconnect all electrical and mechanical connections between the trailer and tow vehicle.

NOTE: Chains can be stored on the chain holder (Fig. 2D) when not in use.

6. Move the tow vehicle away from the trailer.
7. Push RET (Fig. 2A) as needed to return the front of the trailer to level.



Hitching to Tow Vehicle

1. Chock the tires of the trailer.
2. Press EXT (Fig. 2B) if needed to allow the coupler to clear the hitch ball.
3. Position the tow vehicle under the trailer's hitch.
4. Push RET (Fig. 2A) to retract the Power Stance tongue jack until the coupler properly mounts the hitch ball and the leg of the Power Stance tongue jack is fully retracted.
5. Reconnect all electrical and mechanical connections between the trailer and tow vehicle.
6. Make sure the leg of the Power Stance tongue jack is fully retracted and tire chocks are removed prior to moving the tow vehicle.

Power Swap Auxiliary Cord - Optional

The Power Swap Auxiliary Cord (Fig. 4) allows the user to power the Power Stance tongue jack from the battery of the tow vehicle when there is no battery power from the trailer.

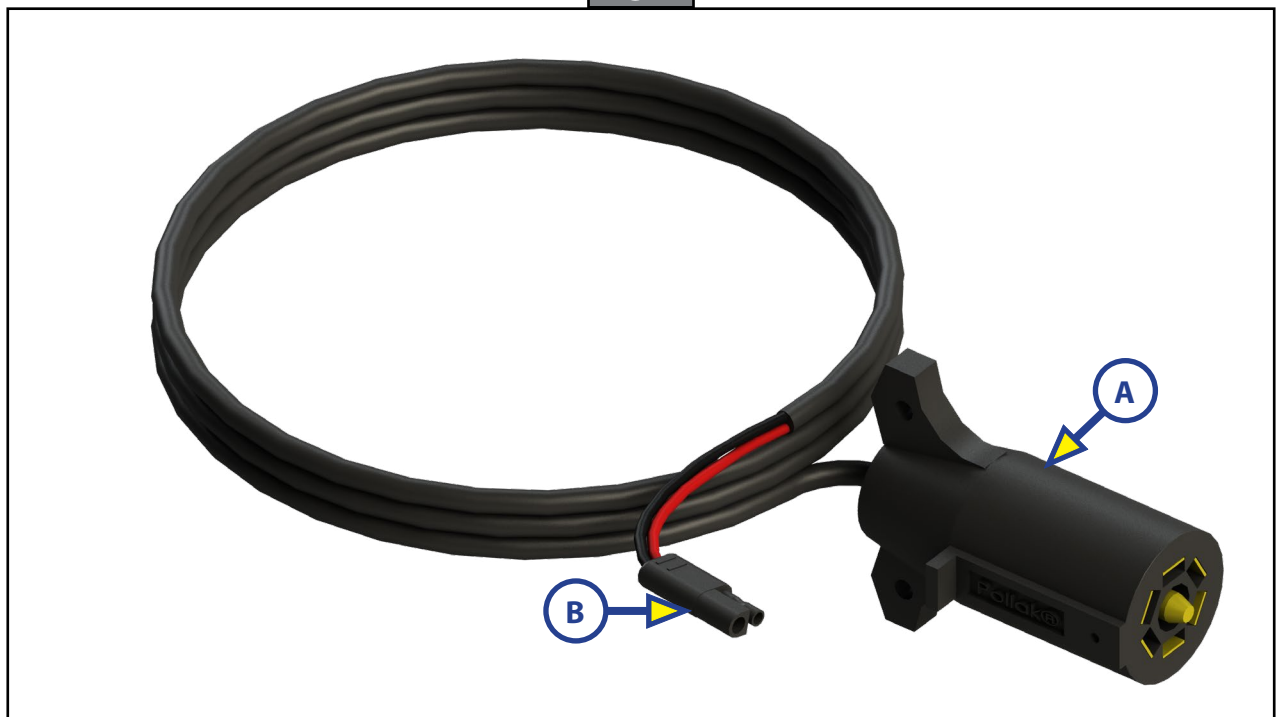
NOTE: The Power Swap Auxiliary Cord is optional and sold separately.

NOTICE

All electrical wiring harnesses shall be loomed and secured to prevent possible damage and installed in accordance with RVIA electrical standards.

1. Insert the 7-way plug (Fig. 4A) into the 7-way connector on the tow vehicle.
2. Insert the 2-pin connector (Fig. 4B) into the plug receptacle of the Power Stance tongue jack (Fig. 2C).

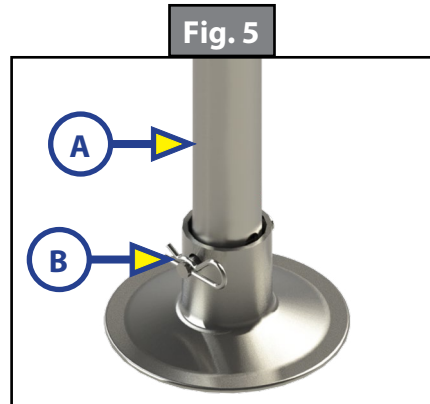
Fig. 4



Manual Operation

NOTE: In the event of loss of power, the Power Stance tongue jack can be operated manually.

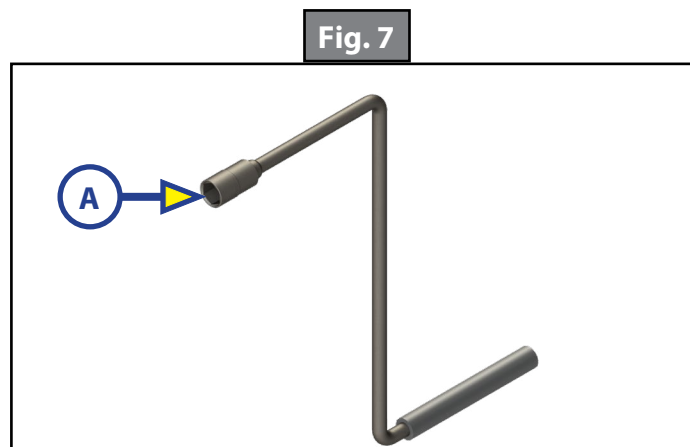
1. Manually unhitching from tow vehicle:
 - A. Chock the tires of the trailer.
 - B. Be sure the footpad of the Power Stance tongue jack is pinned securely in place with the clevis pin and hairpin cotter pin (Fig. 5B).
 - C. Make sure the ground surface under the power tongue jack is firm and level.



- D. Open the rubber plug (Fig. 6A) on top of the Power Stance tongue jack's gearbox to expose the manual drive shaft.



- E. Insert the socket end of the manual crank handle (Fig. 7A) into the manual drive shaft.



- F. Turn the manual crank handle (Fig. 7) clockwise until trailer is supported and the coupler clears the hitch ball.
- G. Move the tow vehicle away from the trailer.
- H. Lower the trailer until it is level by turning the manual crank handle counterclockwise.
- I. Remove the manual crank handle (Fig. 7).
- J. Replace the rubber plug (Fig. 6A).
- 2. Manually reconnecting to tow vehicle:
 - A. Chock the tires of the trailer.
 - B. Make sure the footpad of the Power Stance tongue jack is pinned securely in place with the clevis pin and hairpin cotter pin (Fig. 5B).
 - C. Open the rubber plug (Fig. 6B) on top of the Power Stance tongue jack's gearbox to expose the manual drive shaft.
 - D. Insert the socket end of the manual crank handle (Fig. 7A) into the manual drive shaft.
 - E. Turn the manual crank handle clockwise to allow the coupler to clear the hitch ball.
 - F. Position the tow vehicle under the trailer hitch.
 - G. Turn the manual crank handle counterclockwise until the coupler properly mounts the hitch ball. Continue to turn the manual crank handle counterclockwise until the leg of the Power Stance tongue jack (Fig. 5A) is fully retracted.
 - H. Remove the manual crank handle (Fig. 7).
 - I. Replace the rubber plug (Fig. 6A).
 - J. Make sure tire chocks are removed prior to moving the tow vehicle.

Troubleshooting

Fuse

The Power Stance tongue jack is provided with a 30A ATO-type in-line fuse which will need to be replaced if it blows. The battery must be fully charged prior to operating the Power Stance tongue jack. Low voltage from the battery will cause the fuse to blow prematurely.

NOTE: When RET or EXT on the switch is pushed, the light above the switch (Fig. 3A) will turn on automatically, and remain on for five minutes. It will then automatically turn off.

Clutch

The Power Stance tongue jack is provided with a clutch and a motor. The clutch will slip under two conditions:

- A. The Power Stance tongue jack has reached its extend or retract limit.
- B. The tongue weight of the trailer has exceeded the capacity limits of the Power Stance tongue jack. Items stored in the trailer can vastly influence the weight on the Power Stance tongue jack. Reorganize stored items if the Power Stance tongue jack motor clutch continues to slip.

Release the switch immediately when clutch noise occurs. The clutch is the overload protection for the motor. The clutch should not slip during normal operation. Slipping will cause excessive wear to the clutch and motor.



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Follow proper safety practices. If in doubt, consult a professional RV technician.