



Bulldog® Velocity Series™ Jack

Read, Understand, Follow and Save These Instructions

Read, understand and follow all of these instructions and warnings (Instructions) before installing and using this product. Install and use this product only as specified in these instructions. Improper installation or use of this product may result in property damage, serious injury, and/or death. Never allow installation or use of this product by anyone without providing them with these instructions. You must read, understand and follow all instructions and warnings for any product(s) to which this product is used in conjunction with or installed. Save these instructions with the product for use as a reference for any future installation and use of the product.



Failure to follow all warnings and instructions may result in product failure, property damage, serious bodily injury, and/or death.

- This product must be installed and used in strict accordance with these instructions. Purchaser/owner must not alter or modify the product.
- Operator and bystanders should never position any part of body under or on the path of any portion of this product or the load being supported, or moved.
- Do not allow children to play on or around this product or the load being supported, or moved.
- Never exceed the maximum rated capacity. Refer to stamped markings or decals to obtain rated capacity.
- Periodically check mounting hardware for proper torque and tighten if necessary.
- Always replace bent, broken, or worn parts before using this product.
- To avoid accidental shock and/or damage to the electrical system, disconnect the battery ground cable before installation.
- Secure the load, vehicle and trailer from rolling (by blocking wheels) when operating jack or coupling trailer.
- These jacks are designed for vertical loading. Excessive side forces may cause jack failure and must be avoided.
- Do not remove the tamper-resistant screws that secure the motor assembly to the jack. Removal will cause sudden lowering of the trailer unless properly supported.

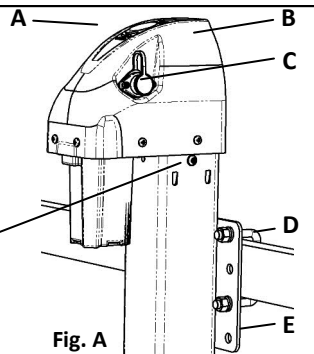
Installation Instructions

COMPONENTS OF THE JACK: (Figure A)

- A. Manual Override Port
- B. Motor Assembly
- C. Remote Control Connector Port
- D. U-Bolt
- E. Mounting Plate



DO NOT REMOVE SCREW!



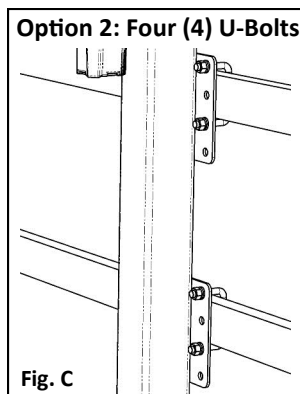
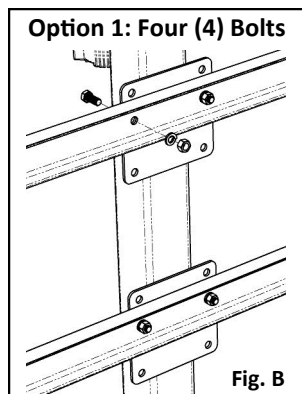
1. PREPARE THE TRAILER

- 1.1 Support the trailer by connecting the coupler to the towing vehicle or by the use of jack stands.
- 1.2 Chock the wheels of the trailer.

2. MOUNTING THE JACK

When considering the mount location of the jack, be certain to have adequate ground clearance when fully retracted. **NOTICE** Inadequate ground clearance may result in property damage.

2.1 Option 1: The jack must be attached directly to the trailer frame with a **minimum of four (4) 1/2"** grade 5 fasteners; one fastener



in each side of the two mounting plates on the jack (See Figure B). Torque hardware to 50 ft-lbs.

Option 2: The jack must be attached directly to the trailer frame with a **minimum of four (4)** U-bolts utilizing a total of eight holes on the mounting plates; two on the upper section and two on the lower (See Figure C). Torque hardware to 50 ft-lbs.

2.2 On aluminum trailers, it is recommended to use isolation pads between the contact points of the jack and trailer (including hardware) to reduce galvanic corrosion.

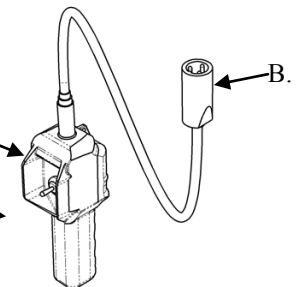
3. BATTERY CONNECTION

3.1 Connect the battery leads directly to the **trailer battery**: red lead to the positive terminal post of the battery, black lead to the negative terminal post of the battery. **NOTICE** Vehicle wiring will not provide adequate amperage for this product.

3.2 Secure the battery leads with cable-ties, wire loom, etc.

COMPONENTS OF THE REMOTE CONTROL: (Figure D)

- A. Remote Control
- B. Wiring Pigtail
- C. Toggle Switch



NOTE: Use silicone-based, dielectric grease on the connection between the remote and power head.

4. REMOTE CONTROL WIRING AND CONNECTION

- 4.1 Route the remote control wiring pigtail from the desired location to the connector port located on the side of the motor cover.
- 4.2 Firmly connect the remote pigtail to the connector port. Secure remote wiring pigtail with cable-ties, wire loom, etc. to ensure there will not be any chaffing.
- 4.3 If hard mounting the remote, identify a suitable location and secure the remote mount bracket with the hardware of your choice.

Operation

1. PREPARE THE TRAILER

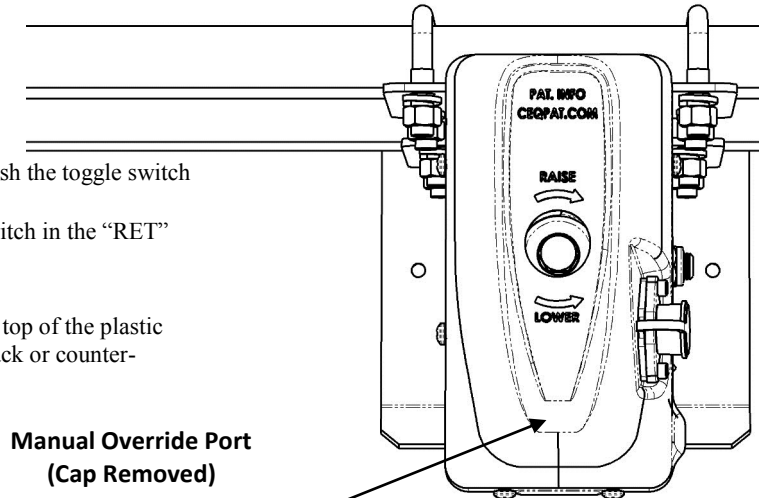
- 1.1 Ensure the trailer battery is fully charged prior to use.
- 1.2 Chock the wheels of the trailer.

2. OPERATING THE JACK

- 2.1 To raise the trailer off of the ball, open the coupler and push the toggle switch in the "EXT" direction. This will extend the jack.
- 2.2 To lower the trailer onto the hitch ball, push the toggle switch in the "RET" direction. This will retract the jack.

3. MANUAL OVERRIDE (Figure E)

- 3.1 If for any reason electric power is lost, remove the cap on top of the plastic cover. Insert a 3/4" hex socket, crank clockwise to extend the jack or counter-clockwise to retract the jack.



Manual Override Port
(Cap Removed)

Figure E

Maintenance

The Velocity Series™ Jack motor is sealed and maintenance-free. It is important to maintain the electrical system including the battery and charger (not included). Ensure all connections are tight and free of corrosion and that the jack is properly grounded with the coupler (metal-to-metal contact). Make sure the battery is fully charged prior to use. If necessary, wash with mild soap and water and rinse thoroughly. Do not direct a high pressure spray at the Velocity Series™ Jack.