

INTERIORS

Purpose

This document outlines the steps to replace an actuator on a recliner sofa. There are two versions of the actuator, including one version secured with bolts and nuts to the back rail and one version secured with self-tapping bolts on both the front and back rails.

Safety

⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Resources Required

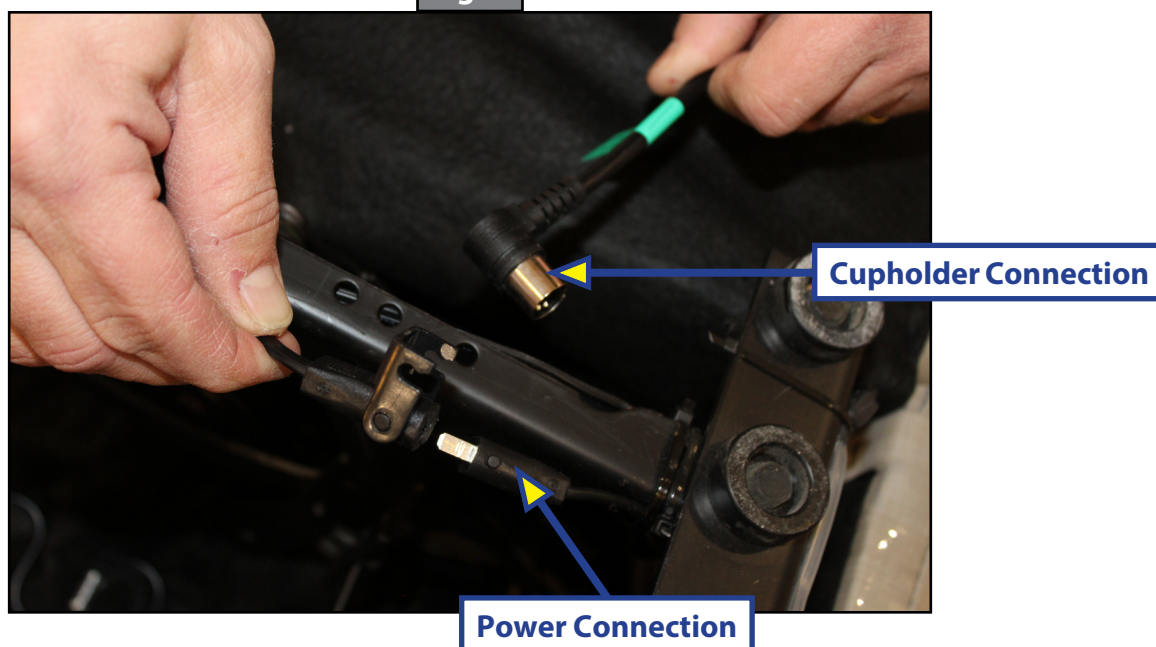
- Socket wrench
- 11 mm and 14 mm sockets
- Zip ties
- For Version One of actuator:
 - Cordless or electric drill or screw gun
 - 11 mm combination wrench
 - 1/4" drive bit
 - 8 mm hex wrench
- For Version Two of actuator:
 - Self-tapping bolts 5 mm in width

Procedure

Remove Old Actuator

1. Turn over recliner to gain access to the actuator.
2. Disconnect the cupholder connection on the outside of the front rail and the power connection on the inside of the front rail (Fig. 1).

Fig. 1



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3. Remove bolts securing actuator to the recliner arms.
 - A. For Version One, use an 8 mm hex wrench to remove the two large bolts and an 11 mm socket and socket wrench to remove the two smaller bolts on each side of the recliner arms (Fig. 2).
 - B. For Version Two, use 14 mm and 11 mm sockets and a socket wrench to remove the bolts — two on each side — securing the actuator to the recliner arms (Fig. 3).

Fig. 2

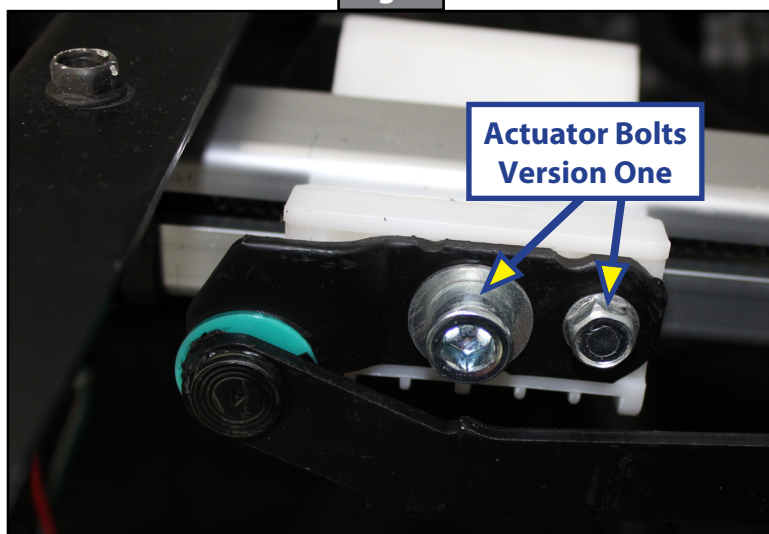
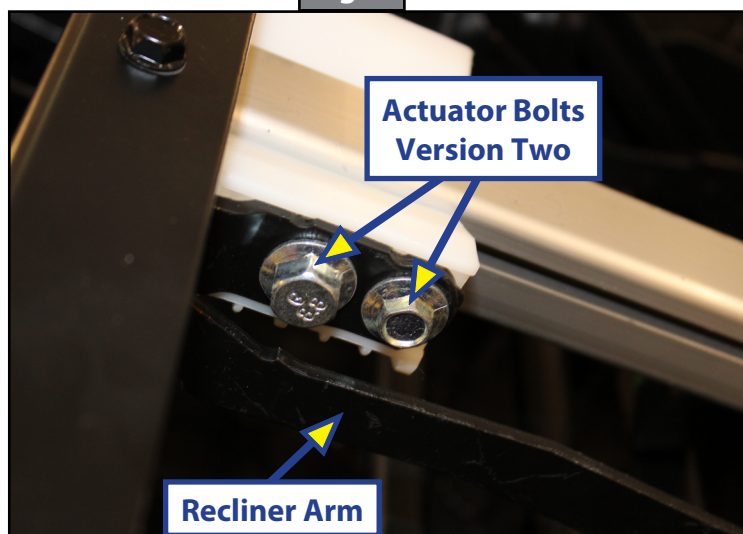


Fig. 3



4. Remove hardware securing actuator to the rear rail.
 - A. In Version One of the actuator, use an 11 mm combination wrench to hold the nuts under the rear rail. Then remove the bolts securing the actuator to the rail using a 1/4" drive bit and an 11 mm socket with a cordless or electric drill or screw gun (Fig. 4). Save bolts and nuts for reuse.
 - B. In Version Two of the actuator, use an 11 mm socket to remove the two silver self-tapping bolts securing the actuator to the rear rail (Fig. 5). This version of the actuator will have wires extending from the back of the actuator by the rear rail (Fig. 6).

Fig. 4

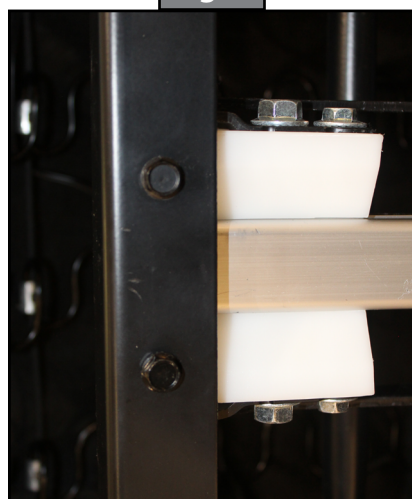


Fig. 5

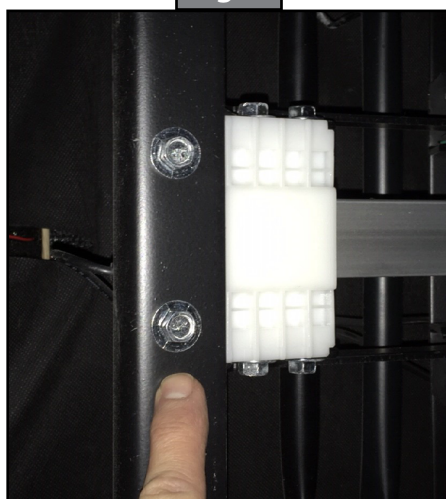
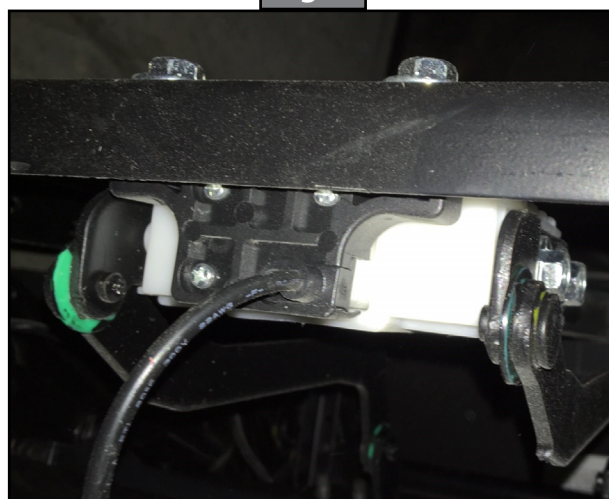


Fig. 6



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5. Extend footrest.
6. Remove the end of the old actuator.
 - A. The end of the actuator for Version One is seated in a slot on a bracket attached to the front rail (Fig. 7) and the motor is secured through a metal plate. Lift the actuator out of the bracket.
 - B. In Version Two of the actuator, remove two self-tapping bolts securing the motor bracket to the front rail (Fig. 8).
7. Remove old actuator.

Fig. 7

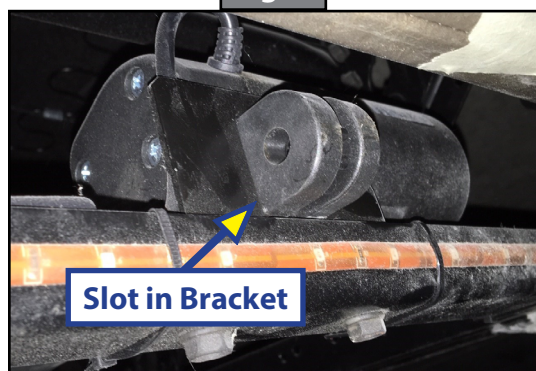


Fig. 8



Install New Actuator

1. Reverse the procedure to install the new actuator. Version Two of the actuator can be used to replace Version One.
 - A. In Version One, slide the end of the actuator into a slot on a bracket attached to the recliner's front rail. Reinstallation of a cotter pin is not necessary to hold the actuator in place.
 - B. In Version Two, secure motor bracket to the front rail with 5 mm self-tapping bolts.
 2. Attach actuator to the recliner arms. Loosely tighten the 11 mm bolts securing the actuator to the recliner arms.
- NOTE:** The footrest may need to be moved to line up the holes in the bracket.
- A. In Version One, use an 8 mm hex wrench to install the larger bolts.
 - B. In Version Two, use a 14 mm socket and socket wrench to install the larger bolts.
3. Finish tightening all the bolts securing the actuator to the recliner arms.
 4. Attach actuator to the rear rail.
 - A. In Version One, reuse the previously-removed bolts and washers to reattach the actuator to the back rail.
 - B. In Version Two, use two self-tapping 5 mm bolts to attach the actuator to the back rail.
 5. Zip tie wires together to prevent damage when the recliner footrest is extended or retracted.
 6. Plug in the cupholder and power connections and turn over recliner.

NOTE: A video illustrating the replacement of Version One of the actuator is on LCI's Customer Service website: <https://www.lci1.com/support-thomas-payne-collection>

As a supplier of components to the RV industry, safety, education and customer satisfaction are our primary concerns. Should you have any questions, please do not hesitate to contact us at (574) 537-8900 or by email at customerservice@lci1.com. Self-help tips, technical documents, product videos and a training class schedule are available at lci1.com or by downloading the MyLCI app.