

LEVELING AND STABILIZATION

Purpose

The purpose of this document is to show the procedure for replacing a uni-directional hydraulic power unit motor and the sealed coupler.

Safety

⚠ CAUTION

Always wear eye protection when performing this installation procedure. Other safety equipment to consider would be gloves and possibly a full face shield, depending on the nature of the installation procedure.

⚠ CAUTION

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

Resources Required

- 10 mm wrench
- 13 mm wrench
- Flathead screwdriver
- Pliers

Motor Removal

1. Use a 13 mm wrench to remove the nut (Fig. 1A) securing the 12V DC lead to disconnect the lead from the motor post (Fig. 1B).
2. Disconnect all other wires leading to the motor posts.
3. Use a flathead screwdriver on the hose clamp nut (Fig. 1C) to loosen the hose clamp holding the solenoid on the motor.
4. Use a 10 mm wrench to remove the bolts on the front of the motor (Fig. 2A).

Fig. 1

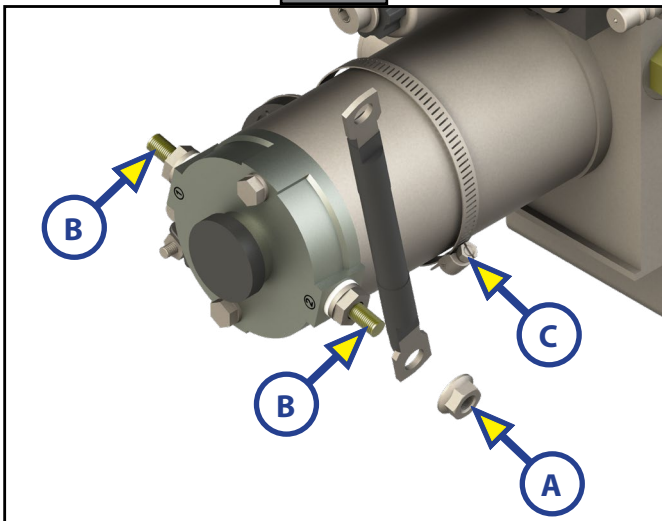
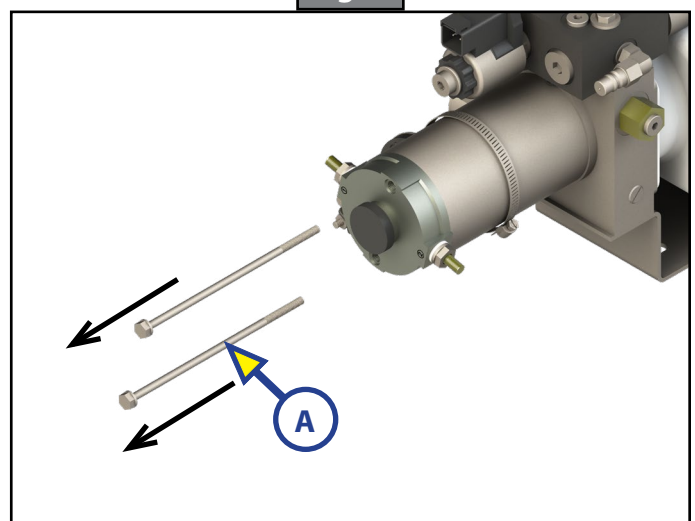
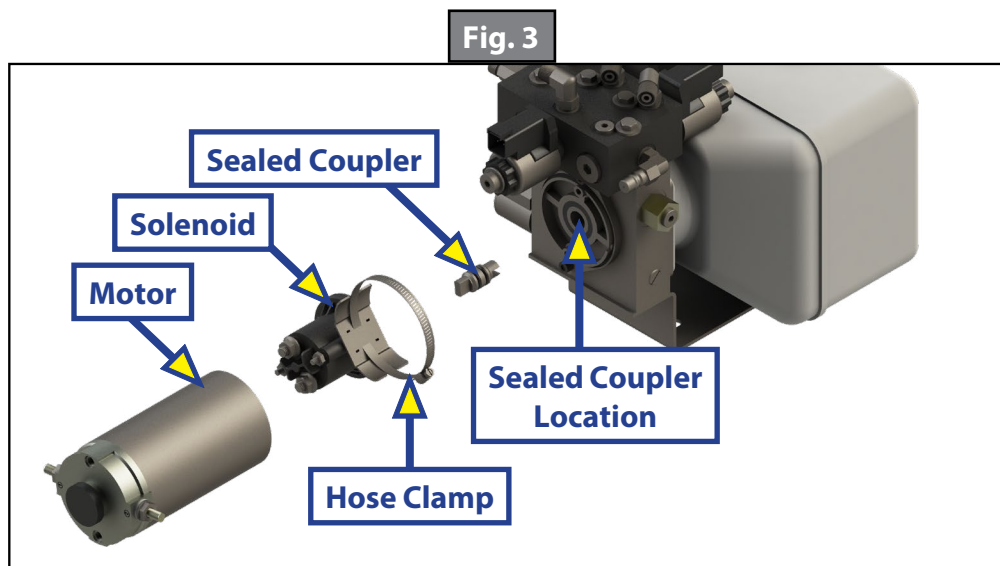


Fig. 2



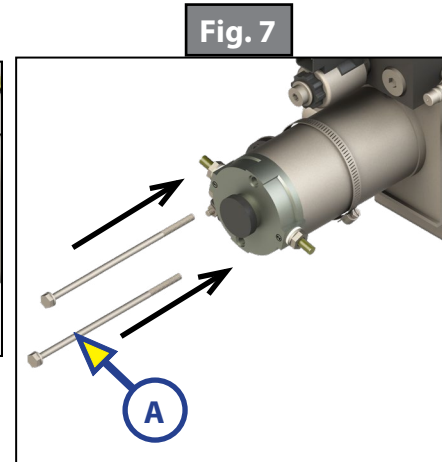
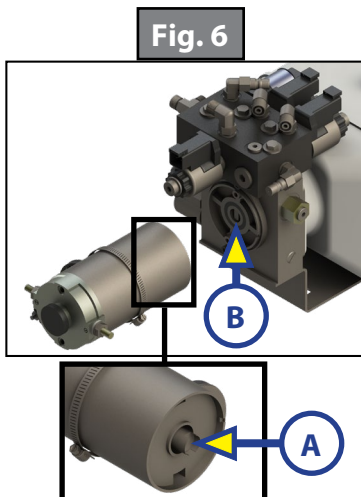
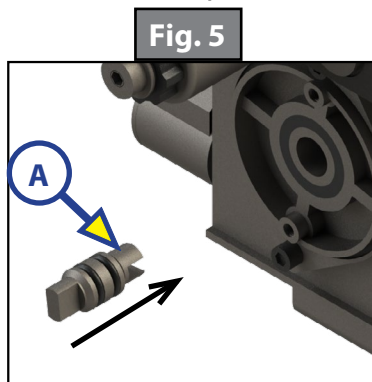
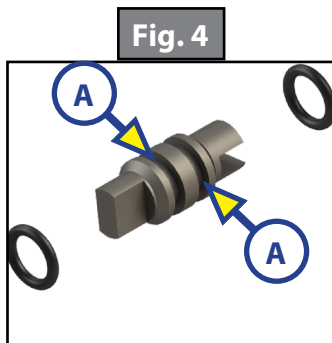
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5. Slide the motor from the pump and through the hose clamp (Fig. 3), leaving the solenoid wired to the pump.
6. Using pliers, pull the sealed coupler (Fig. 3) out from inside the pump, rotating the coupler until it releases.



Motor replacement

1. The coupler and two O-rings will ship disassembled (Fig. 4). Apply heavy grease to the O-rings and slide them into the recesses on the sealed coupler (Fig. 4A).
2. Using fingers, insert the new sealed coupler (Fig. 5A) back inside the pump. Rotate the sealed coupler until it sets in place.
3. Slide the new motor back through the hose clamp (Fig. 3) that secures the solenoid to the motor.
4. Line up the notch in the motor (Fig. 6A) with the notch on the coupler (Fig. 6B). Rotate the motor until the motor notch drops into the coupler notch.
5. Insert the motor attachment bolts (Fig. 7A) back through the holes in the front of the motor and tighten with a 10 mm wrench.
6. Use a flathead screwdriver to tighten the nut on the hose clamp to secure the clamp/solenoid to the motor (Fig. 1C).
7. Use a 13 mm wrench to install the nut (Fig. 1A) to reconnect the 12V DC lead to the motor post (Fig. 1B).
8. Reattach all other wires to the motor posts.



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.



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