

LEVELING AND STABILIZATION

Purpose

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

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

Motor Removal

1. Use a 13 mm wrench to remove the nut (Fig. 1A) securing the 12V DC lead to disconnect the lead from 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

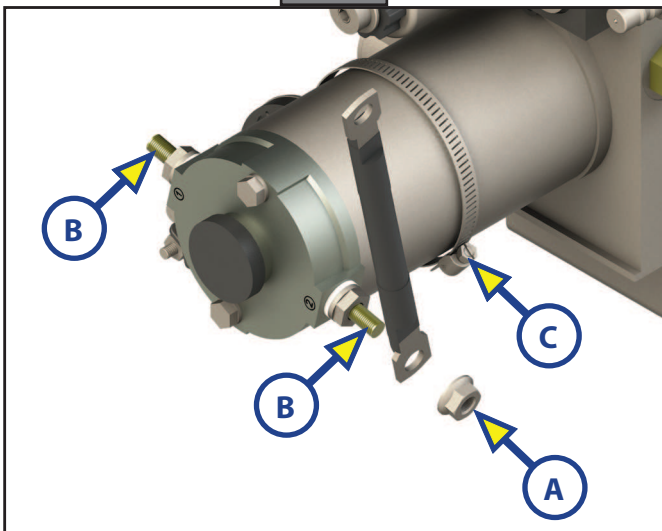
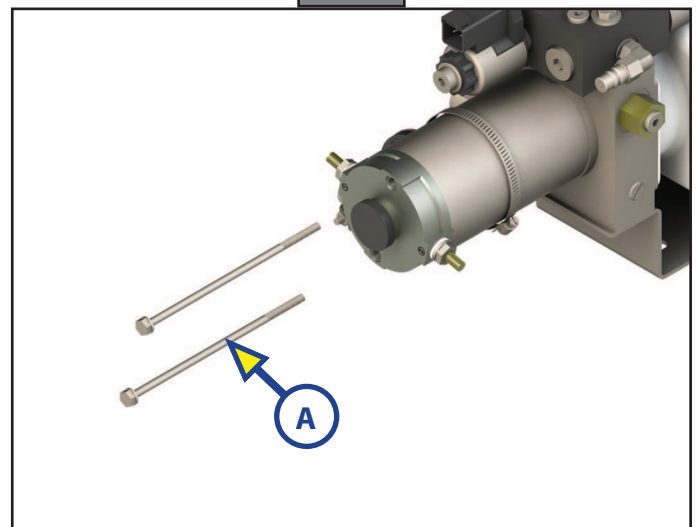
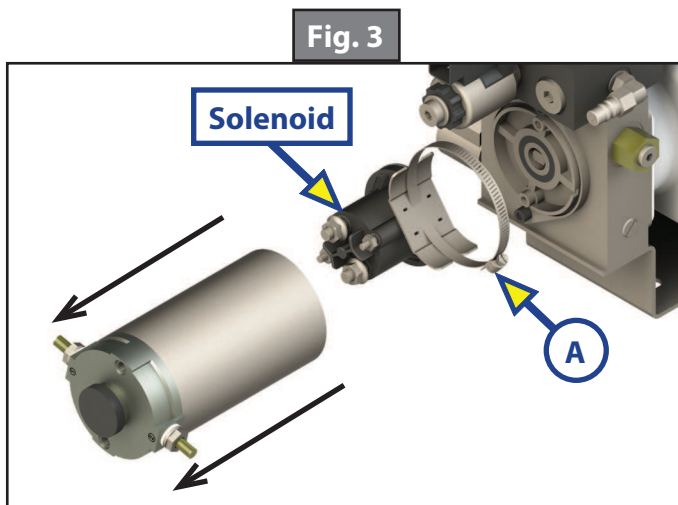


Fig. 2



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- Slide the motor from the power unit and through the hose clamp, leaving the solenoid wired to the power unit (Fig. 3).



Motor replacement

- Slide the motor back through the hose clamp (Fig. 3A) that secures the solenoid to the motor.
- Line up the notch in the motor (Fig. 4A) with the notch on the port plate (Fig. 5A).
- Insert the motor attachment bolts back through the holes in the front of the motor (Fig. 6) and tighten with a 10 mm wrench.
- Use a flathead screwdriver to tighten the nut on the hose clamp to secure the clamp/solenoid to the motor.
- Reattach the 12V DC lead to the motor post using a 13 mm wrench (Fig. 1A).
- Reattach all other wires to the motor posts.

