

LEVELING AND STABILIZATION

Purpose

This document outlines the removal and replacement of the PSX1 Stabilizer Motor.

Safety

⚠ 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

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.

Resources

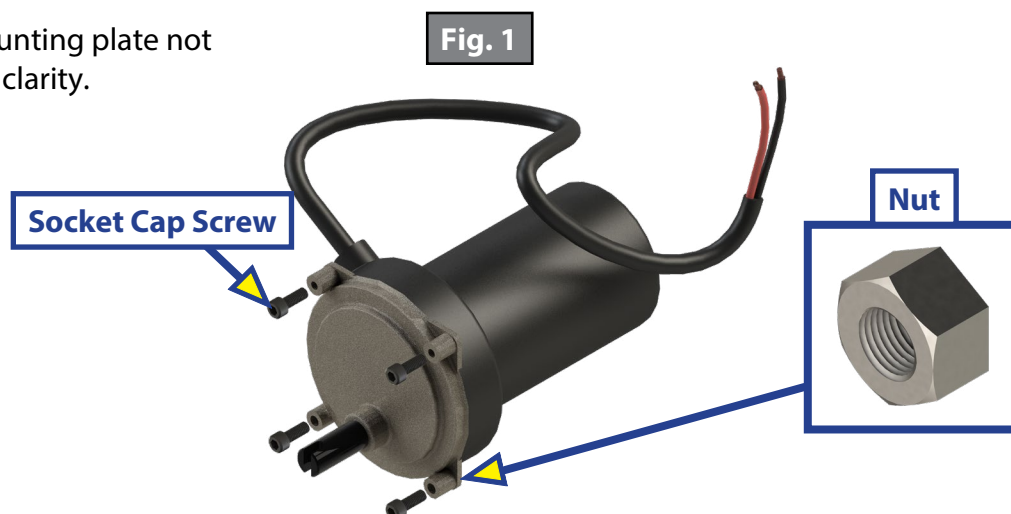
- 4 mm hex wrench
- 8 mm combination wrench
- Rotary cutting/grinding tool

Procedure

Motor Removal

1. Disconnect power to the motor from the power source of the unit.
2. Using the 8 mm combination wrench and 4 mm hex wrench, remove the two socket cap screws and nuts securing one side of the motor to the motor mounting plate.
3. Using the 4 mm hex wrench only, remove the remaining two socket cap screws securing the motor to the motor mounting plate.

NOTE: Motor mounting plate not shown for clarity.



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Motor Replacement

1. Line up the motor shaft (Fig. 3) on the new motor with the coupler (Fig 2) and install the new motor using the previously removed socket cap screws and nuts.

NOTE: When installing the new motor, it may be necessary to enlarge the bracket hole from 0.97" to 1.18" so that the motor shoulder (Fig. 3) fits into the bracket hole. Using a rotary cutting/grinding tool, remove the material around the bracket hole (Fig. 2) for the shoulder of the motor (Fig. 3) to fit into the bracket hole.

Fig. 2

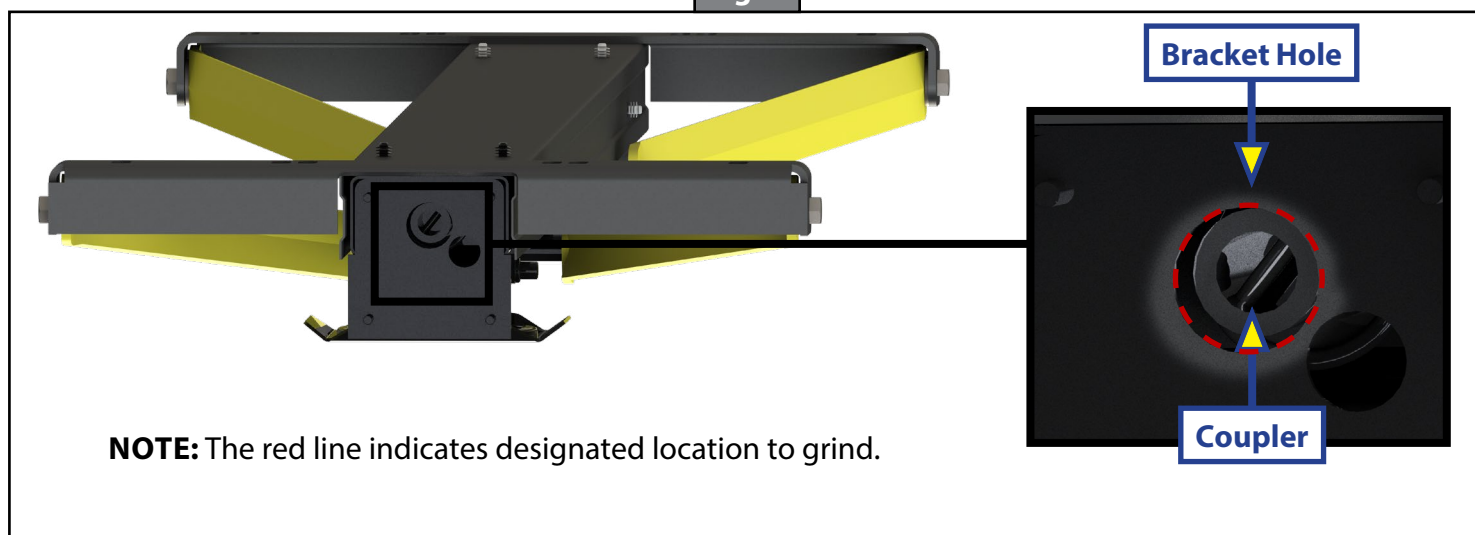
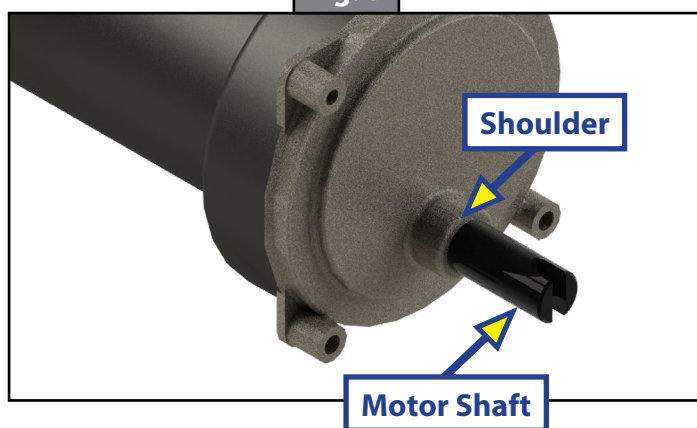


Fig. 3



2. Using the 4mm hex wrench and 8mm combination wrench, securely tighten the socket cap screws and nuts.
3. Reconnect the wires to the power source and test.

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