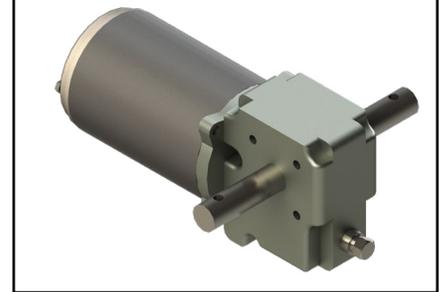


SLIDE-OUTS

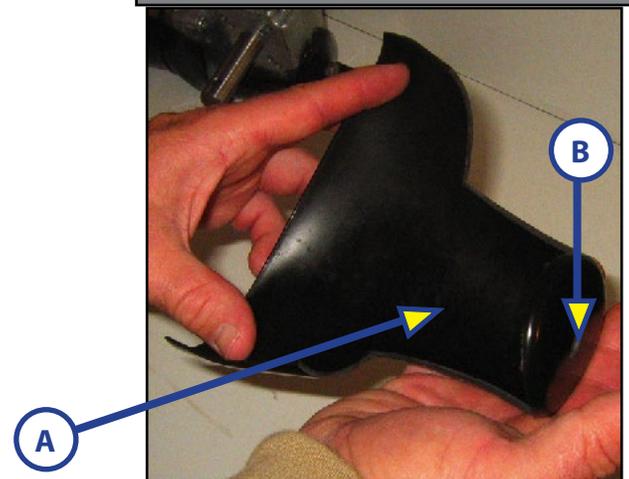
The M150N Non-Sealed Gear Motor utilizes a low-viscosity lubricant which will perform better over time. However, non-sealed gear motors may experience small amounts of fluid loss in the form of small drips. Neither useful life nor performance are compromised by this fluid loss. The addition of fluid over the life span of the motor is not required or recommended. In cases where fluid loss has created a problem such as on carpet or on items in storage, a boot can be easily installed to contain this fluid. Follow these easy steps to install the boot to contain fluid.

Fig. 1 - M150N Part # [138448](#)



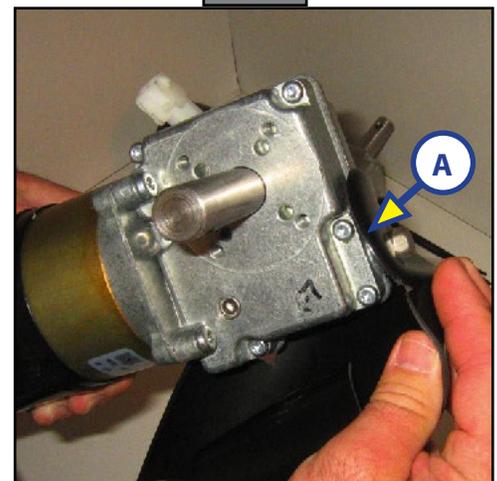
1. Open Rubber Boot (Fig. 2A), so the Manual Override nut slips easily into the override access hole (Fig. 2B) and the gearbox and motor come to rest on the inside of the boot and the flaps are pulled out of the way and are prepared to envelope the motor.

Fig. 2 - Rubber Boot Part #143150



2. Slip the override access hole of the boot over the Manual Override Nut (Fig. 3A). Push Manual Override nut through access hole and be sure to pull boot uptight against the gearbox.

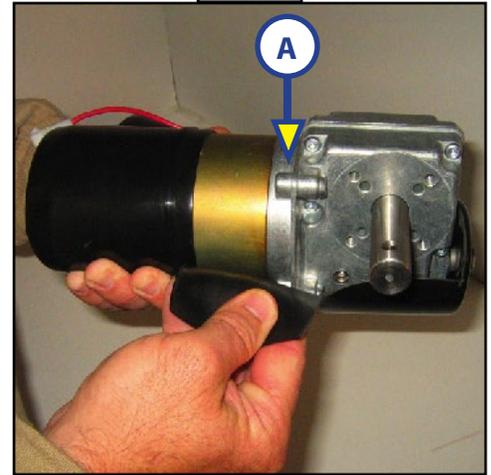
Fig. 3



SLIDE-OUTS

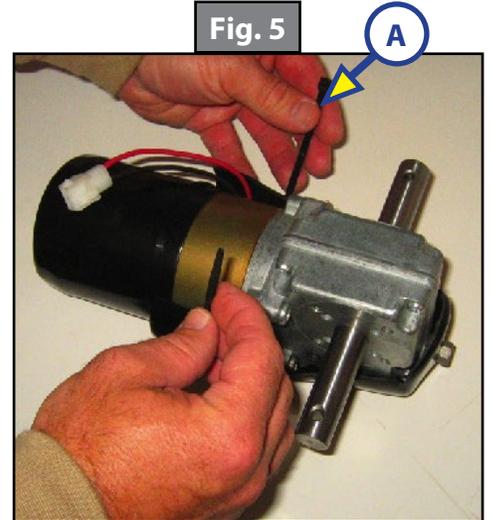
3. Pull boot back towards the motor end. Be sure flaps are pulled out and up around the motor. The flaps should cover the seam area between the gearbox and the motor (Fig. 4A).

Fig. 4



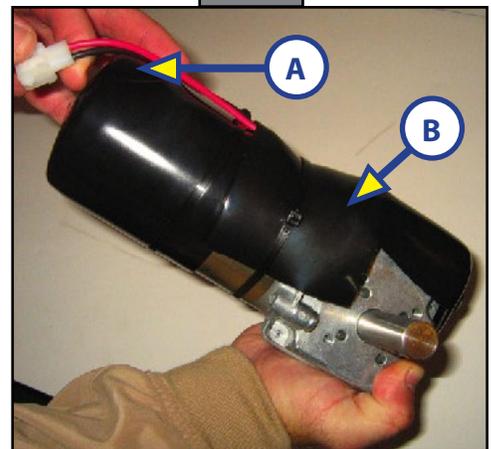
4. Slide a wire tie (Fig. 5A) underneath the motor and boot and pull up. Be sure the wire tie is within $\frac{3}{8}$ " of the seam between the gearbox and motor to prevent any leakage from gear motor. Fasten wire tie securely.

Fig. 5



5. Wires from under the original boot (Fig. 6A) should be pulled free for use after new boot is installed. New boot will have a small pocket under the motor (Fig. 6B) to accommodate any excess fluid from the motor. (Motor shown upside down to show wires and pocket.)

Fig. 6



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 www.lci1.com or by downloading the MyLCI app.