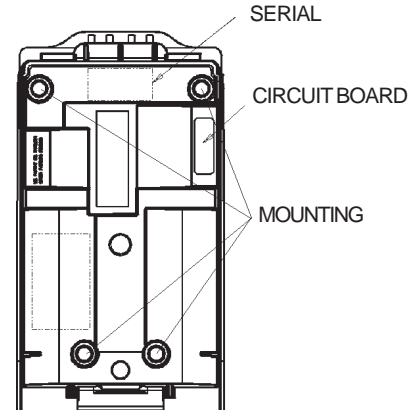
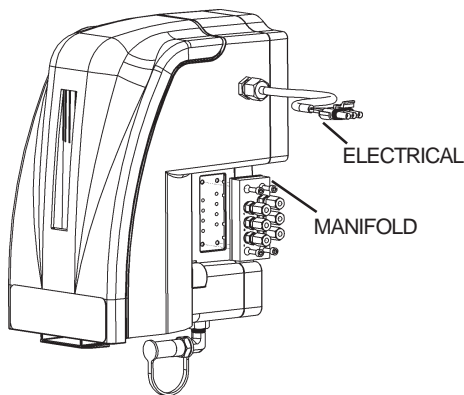


Replacement of RoadWarrior Pump

1. If not already done, disconnect the electrical plug.
2. Remove manifolds from both sides of disabled pump. Use a 9/64" Hex for the four (4) socket head screws per manifold. Save the screws.

Note: It is not necessary to remove the tubes from the manifolds. Take care not to damage or lose the O-rings on the back side of the manifolds. Should O-rings and/or square gasket require replacement, order replacement kit part number 560-003-010.



3. Remove Front cover of disabled pump.
4. Remove Grease Canister Assembly. It may be necessary to reseal the internal poppet by pushing in and out several times. If poppet is not seated, grease will come from hole at front of canister base very rapidly. Be prepared to stop the hole with a finger if necessary.
5. Immediately open the canister to relieve spring pressure on grease cartridge to prevent leakage. **CAUTION: Reservoir is under pressure!**
6. Using a 1/2" deep-wall socket with a 6" extension on the inside of the pump and 1/2" wrench on the nuts, remove the mounting bolts. Save the nuts, washers, and bolts.

(Note: On GM vehicles, the nuts are removed from the firewall inside the vehicle. Mounting bolts are fixed to the pump. Be sure to secure the pump in place while removing the nuts.)
7. Remove pump assembly from vehicle.
8. Note the serial number from disabled pump on the decal located inside the pump at the top of the unit. Write the number in the space provided on the preprinted Return Authorization (RA) Form.
9. Remove the grommet that covers the circuit board and note the dip switch positions.
10. Open the box of the replacement pump. Open the cover and remove the canister assembly. Note the serial number from the decal at the top inside the pump and write it in the space provided on the RA form.
11. Remount the replacement pump onto the vehicle using the bolts, nuts, and washers removed from the disabled pump.
12. Reassemble the manifolds onto the new pump using the hex socket head screws removed from the disabled pump. Insure the O-rings have not come loose from their cavities and crushed between the manifold and pump body.
13. Open the grommet that covers the circuit board. Insure the dip switch positions are the same as the disabled pump.
14. Assemble the new canister with the grease cartridge removed from the disabled pump.
15. Install into new pump.
16. Reconnect the electrical connector and listen for pump to cycle. Observe the lights on the circuit board to insure the pump is cycling normally. While pump is cycling, hold the canister tight against the back of the pump to insure air is not sucked into the pump.
17. Replace the grommet and front cover.
18. Put the old pump into the replacement pump box. Include the RA form in the box along with an MSDS for the grease that was used in the pump. Affix the preprinted label to the box and return to Graco for warranty analysis.

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Call today for product information or to request a demonstration.

1.800.U.S.A.LUBE (1-800-872-5823) or visit us at www.lubriquip.graco.com.

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