

INSTRUCTION SHEET

M-1115 Motor Replacement



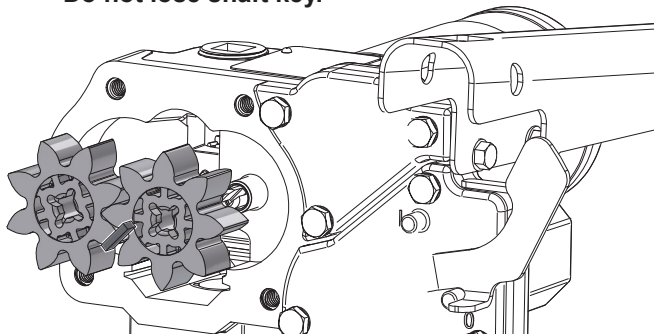
IMPORTANT: Electrical wiring and connections must be made only by a licensed electrician in accordance with national, state and local electrical codes regarding Class I, Division 1 requirements as well as NFPA Code 70 and 30. Other codes may apply

1. Turn pump off and disconnect pump from power.

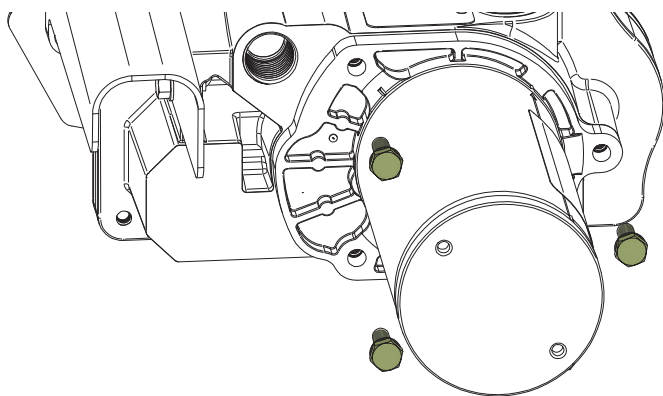
WARNING

Always disconnect power before repairing or servicing.
Failure to do so could result in serious injury or death.

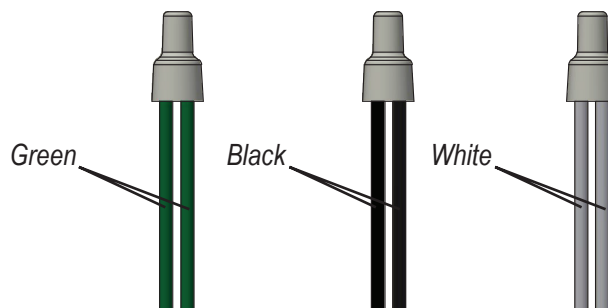
2. Remove gear coverplate.
3. Remove gears, and shaft key from housing.
Do not lose shaft key.



4. Remove the three 7/16" bolts securing motor to pump housing.



5. Gently pull the motor away from the housing.
6. Cut the three wires as close to the motor as possible preserving as much spare wire from the gear housing as possible.
7. Strip approximately 1/4" of insulation off of the wires coming from the gear housing.
8. Use supplied closed end connector crimp the green wire from the new motor to the green wire from the gear housing.
9. Use supplied closed end connector and crimp the black wire from the new motor to the black wire from the gear housing.
10. Use supplied closed end connector and crimp the white wire from the new motor to the white wire from the gear housing.

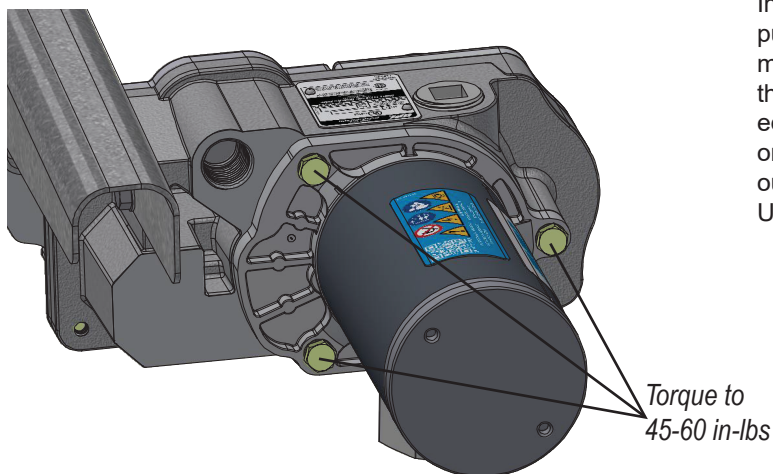


11. Ensure motor shaft seal is in place, lubricate the seal with lightweight oil, gently slide the motor shaft through the seal until motor flange is flush with the pump housing. Ensuring not to pinch the motor wires.

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12. Reinstall the three 7/16" bolts to install the new motor, torquing to 45-60 in-lbs.



15. Reapply power and test the pump.

In order to preserve the UL Listing or CSA Certification for pump safety, motor replacement must be performed by a UL motor repair shop. For products serviced outside the factory, the UL and CSA nameplates must be defaced to indicate the equipment may no longer meet the requirements for UL Listing or CSA Certification. This does not apply to products serviced outside the factory under the UL program for Rebuilt Motors for Use in Hazardous Locations and the CSA rebuild program.

13. Replace gears and shaft key, ensuring gears spin freely.
14. Replace gear coverplate, torquing bolts in an "X" pattern to 95-105 in-lbs.

