

**TROUBLESHOOTING GUIDE****Motor Check Out Procedure****Motor check out procedure (Fig. 1):**

1. Remove leads from motor & attach volt meter to the leads.
2. With the switch in to on position, the volt meter should read 12 volts minimum. If voltage is low recheck with engine running. Recheck wiring and connections (minimum 6 gauge wire must be used).
3. Return switch to the neutral position & reattach leads to motor.
4. Attach volt meter to leads at the motor.
5. With the switch in the on position and the leads attached, the volt meter should read 8.5 volts minimum. If voltage is low recheck with engine running. Recheck wiring and connections (minimum 6 gauge wire must be used).
6. Return switch to the neutral position and attach amp meter to leads at the motor.
7. With the switch in the on position, amp meter should read approximately 30 amps. Constant amperage reading of over 50 amps indicated binding in the system and/or low voltage.
8. Disconnect 6 ga #10 terminal end from the solenoid side of the breaker.
9. Connect the 6 ga #10 terminal end to the battery side of the breaker. This will bypass the breaker.
10. Test the tarp system. If the motor operates properly then replace the breaker.

