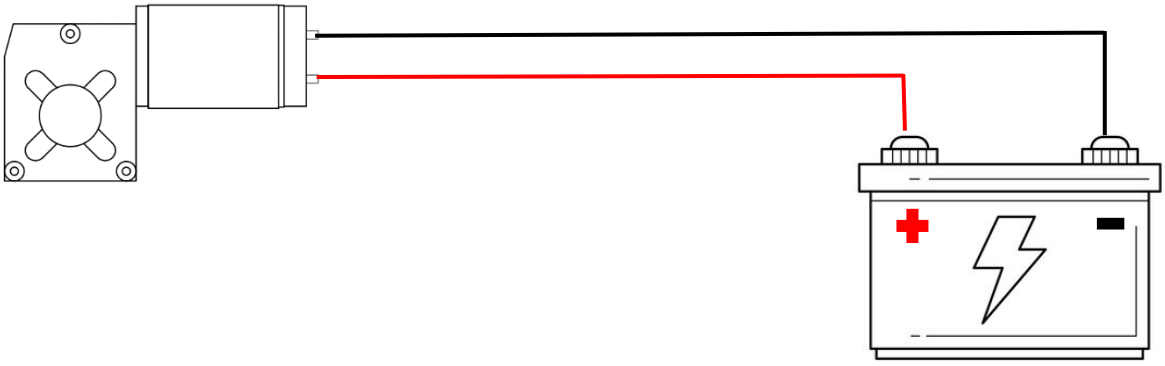
How To Test a 12VDC Tarp Motor

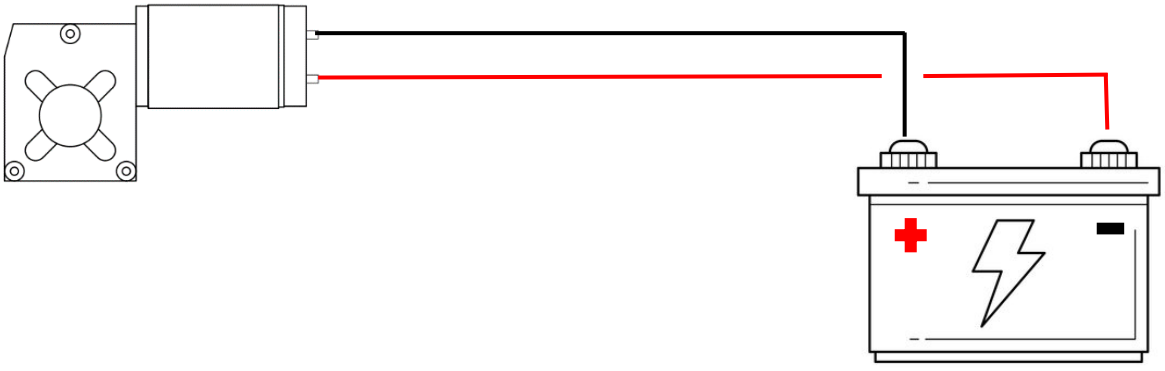
Things you'll need:

- Good 12v Battery – **Must supply at least 12 Volts** (Car battery or equivalent)
  - For 24VDC motors, operate with 2 good 12VDC batteries
- Jumper cables or a set of wires equal to or larger than 6ga wire
- Ring terminals or cable clamps to provide a good connection
- Tarp motor to test

Instructions:

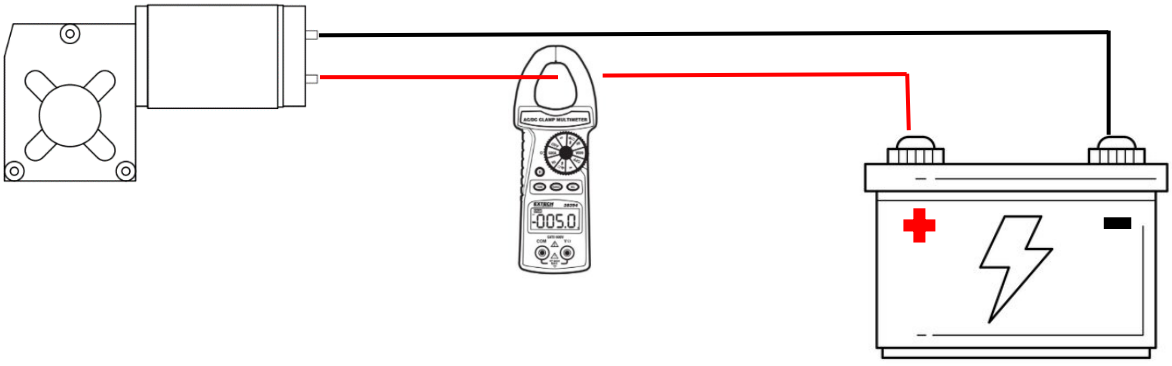


1. Fix ring terminals or cable clamps to the terminals on the motor
2. Touch one wire to battery ground and the other wire to battery positive
3. If motor does not operate, replace or warranty it. If the motor works, continue.



4. Swap the cable ends on the battery to test the reverse direction of the motor
5. If the motor does not operate, replace or warranty it. If the motor works, there is potentially another problem with the tarp system. **Ensure that the tarp system is grounded to battery neutral and <u>NOT</u> to the truck frame.**

For further testing on the condition of the motor:



Using a clamp ammeter, read the amperage on the battery positive cable while the motor is operating unloaded. Brand new US Tarp motors typically pull 10-15 amps unloaded. If the motor is pulling over 25 amps unloaded, replace or warranty it.

*Note: Typically, clamp ammeters are not very consistent with reading precise VDC amperage. This test is meant to give you an idea on the condition of your tarp motor.