

# **ELECTRIC VEHICLE MOTORS**

ABN: 38 697 993 812

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## **SETTING UP YOUR ADVANCED DC MOTOR**

### **MOTOR OPERATION STEPS TO FOLLOW**

- A. Verify motor against part ordered
- B. Check vehicle transmission and confirm motor forward rotation is as specified on motor drawing
- C. Make all connections as specified on motor print. Ensure that all connections are tight - 100 to 120 in/lbs
- D. DO NOT OPERATE MOTOR AT FULL VOLTAGE. For no-load operation 12 volt at the motor terminal is sufficient. **DANGER** - Full motor voltage may destroy armature winding!
- E. Verify all electrical connections prior to battery hook-up. Make sure all hands tools are away from motor terminals and no tools or other small objects have fallen into motor
- F. Protect motor against ground debris, water and other foreign materials entering the motor
- G. Never alter or modify motor enclosure without consulting with your distributor
- H. NEVER operate or accelerate motor when installed in vehicle in NEUTRAL GEAR POSITION. **DANGER** - Damage to armature may occur!
- I. Do not exchange brushes with different grades. Damage to armature and commutator may result. Only replace with brushes supplied by your dealer
- J. At all times follow the instructions of your conversion kit supplier
- K. If motor problems are noticed or if assistance regarding proper motor operation is required, please contact your authorised distributor from which you purchased your Advanced DC Motor.

L. AT NO TIME - Attempt to disassemble motor. WARRANTY WILL BE VOID.

## **WARRANTY CLAIMS**

In the event of a warranty claim, motor must be returned to the factory **at the claimant's expense.**

Advanced DC Motors Inc. will assess the motor. If a warranty claim is accepted, Advanced DC Motors will repair or replace the motor, and will reimburse the claimant's motor shipping costs.

In the first instance, please contact your dealer regarding any warranty issues.