

# INSTALLATION INSTRUCTIONS FOR BK1/STARTER RELAY

The BK1 installation is meant to solve the problem of low voltage in the circuit between the ignition switch and the starter solenoid. The symptom of this problem is: The starter engages some of the time,, the starter clicks periodically and or the starter makes a chattering noise with no engagement.

- 1 Mount the BK1 relay in a spot where it can be solidly mounted, clear of other wiring.
- 2 Route the loom carefully. Prevent it from touching or coming close to the exhaust manifolds, heat shields or any other extreme hot surface that can burn the wire loom.
- 3 Make all terminal connections as per diagram below. After crimping the connections properly heat shrink and seal connections. Double check all terminals for clean and solid connections.

The relay requires only 125MA to energize the solenoid and will supply about 30 Amps for “pull in” and 8 to 10 Amps for “hold in”. The relay will solve the voltage drop loss to the solenoid, thus resolving most non or intermittent starting issues.

