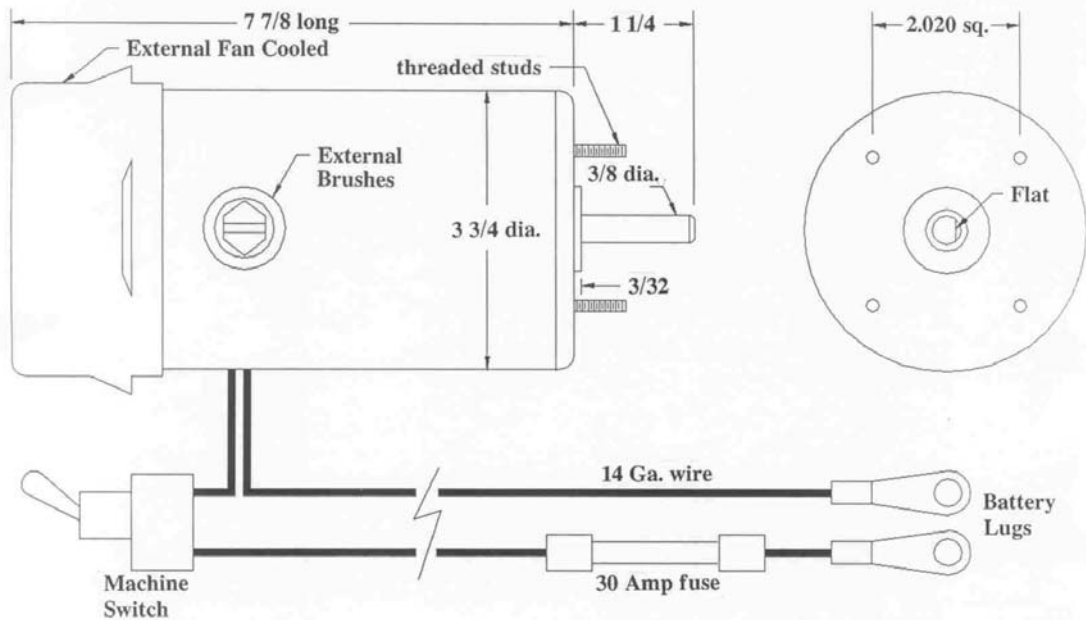


# RYTAN 12 VOLT D.C. MOTOR

## WIRING INSTRUCTIONS



### INSTALLATION

Rytan RY100 key machine. Remove 115 volt A.C. motor and capacitor. Install 12 volt D.C. motor using existing hardware and motor pulley.

Purchase following from Automotive Store: Secondary wire (headlight wire), enough to wire machine to vehicle battery. Two wire terminals with large enough hole to fit on battery terminal clamps. Fuse holder (for car radio) with its own wires. 30 Amp fuse (to fit into fuse holder).

Wire the fuse assembly close to the (PLUS) battery terminal to protect battery from short circuit condition should some part of the vehicle's body cut into the wire you installed.

Use the existing switch on the key machine.

Use wire nuts (from electrical supply store) to splice wires together.

Test machine for proper cutter direction. If cutter runs backwards . . . simply reverse the battery connection.

*H.P.C. 1200CM Code Machine or Model 3333 duplicator.* Follow the steps outlined above for the Rytan RY100 machine. You may have to enlarge the four mounting holes on the H.P.C. motor bracket to accommodate the new D.C. motor. Some older H.P.C. machines have motor pulleys with  $\frac{5}{16}$  shaft hole. If your motor pulley doesn't fit the new motor you will have to get a new Rytan motor pulley.