This kit contains the parts needed to install popular flat can motors in a model locomotive. See the drawing for the proper location of the parts.

Secure the #4001 motor bracket to the motor with the two #4002 small metric screws. Drill the locomotive frame with a no. 50 drill and tap 2-56 to accept the two #25 screws. For large motors and flywheels, install the spacer between the bracket and the loco frame.

Strip the ends of the #4004 wires about 1/16 inch and quickly solder them to the motor terminals. (Note: Overheating the terminals will damage the motor.) Use supplied terminal connections as needed on the other end of the wire.

The #4003 bushings can be pressed onto 2mm motor shafts to convert them to 3/32 inch dia. Note: When installing these bushings, do not hold the motor case or you will damage the motor; instead, we recommend you hold the opposite end of the motor shaft in a drill press chuck and push the shaft into the bushing.

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