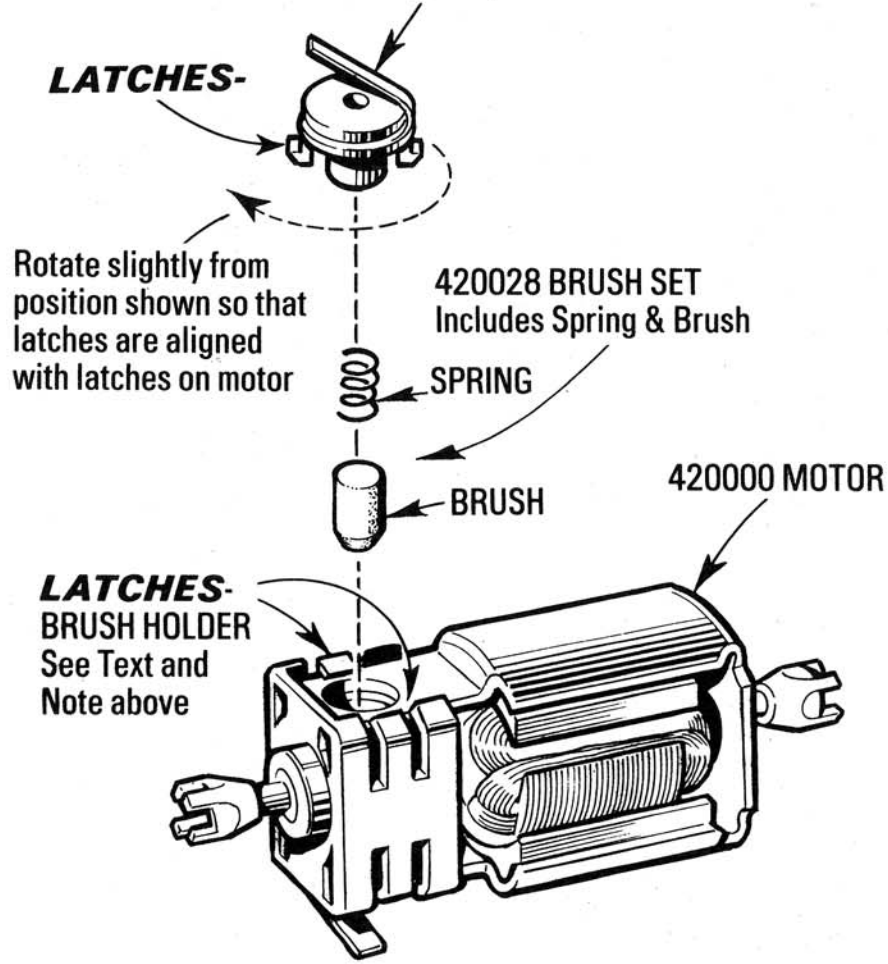


# FIG. 3

## Motor Brush Replacement

BRUSH HOLDER/CONTACT SPRING ASSEMBLY  
(Shown rotated slightly out of position to better illustrate LATCHES)



### MOTOR BRUSH Replacement

- 1) Disassemble chassis as described on opposite side.
- 2) Lift out motor using extreme care to avoid loss of other drive train components.
- 3) Gently spread latches on motor to release latches on Brush Holder. Withdraw Holder.
- 4) Replace Spring and Brush in Brush Holder then reinstall Brush Holder in motor.

### VERY IMPORTANT!

Contact Springs on Brush Holders *must* face as shown in Fig. 4. If contacts are reversed from position shown, track polarity to motor will be reversed causing loco to run in the wrong direction.

## FIG. 4



*Brush Contact Arrangement*