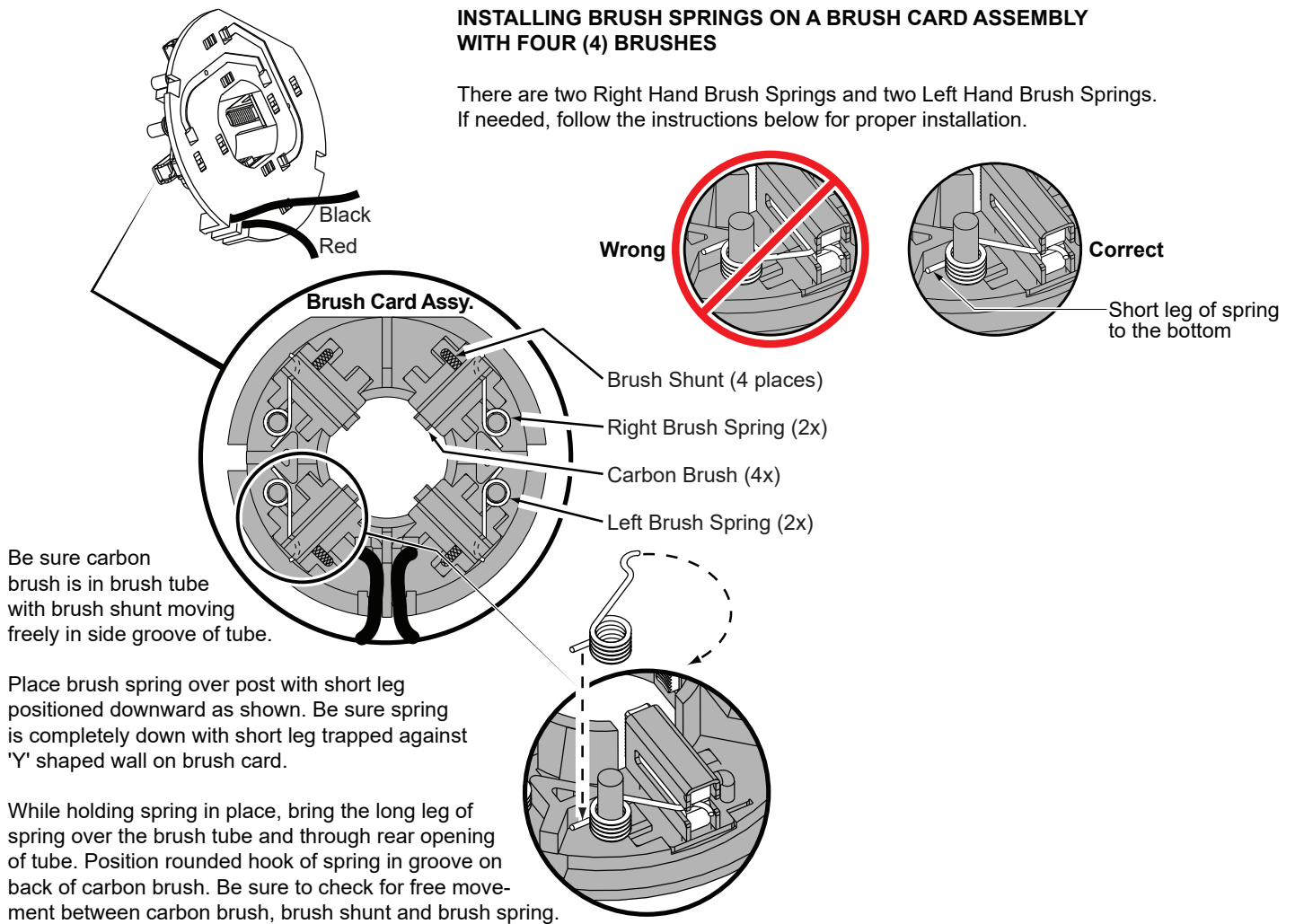




## INSTALLING BRUSH SPRINGS ON A BRUSH CARD ASSEMBLY WITH FOUR (4) BRUSHES

There are two Right Hand Brush Springs and two Left Hand Brush Springs. If needed, follow the instructions below for proper installation.



### FIG. NOTES:

- 28,33,56 See service note and illustration above to aid with the removal and installation of the Brush Card (33), Armature (56) and Field (28).
- 28 Field (28) to be positioned with side cut-outs to the front.
- 55 Position Ring Gear with three lugs face down to interlock in the bottom of Rear Case (55).
- 51,55 Be sure to match the raised contours on the bottom of Rear Case (55) with raised contour on bottom of Front Case (51) when assembling.
- 55 Make sure concave side of Washer faces Spring (55).
- 8,51 Tapered end of Front Washer (8) to face Front Case (51).

### FIG. LUBRICATION (Type 'J' Grease, No. 49-08-4220):

- 55 Lightly coat I.D. of the Ring Gear and center of the two Planet Gears with grease (55).
- 55 Place a dab of grease in the ball grooves of the Cam Shaft (55).
- 53 Lightly coat front washer surface of Anvil (53) with grease, place a dab in the Ball holes of Anvil and in Needle Bearing inside the Anvil.
- 51 Coat inside grooves of Bushing (inside of 51) with grease.

# Brush Card Assy.

● = WIRE TRAPS  
or GUIDES

