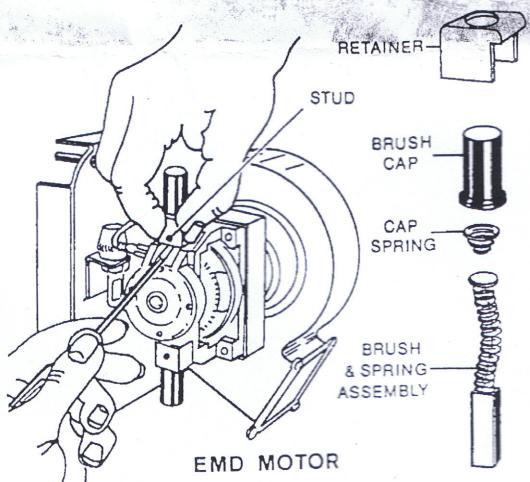


# Instructions For The Replacement Of Motor Brushes



Warning  
Risk of electric  
shock

Disconnect power  
supply before  
removing cover



The brush spares kit contains two brushes  
Always replace BOTH brushes.

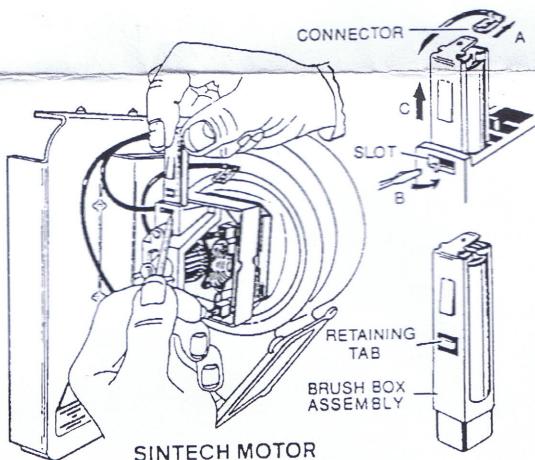
## EMD MOTOR

### To remove the brush:

1. Squeeze the sides of the retainer and ease it over the stud with a small screwdriver.
2. Remove the retainer, cap and brush. Do not mislay the small cap spring.

### To replace the brush:

1. Insert the new brush into the holder.
2. Place the cap, with the cap spring inside it, over the brush spring and press it over the holder.
3. Slide the retainer down the cap and snap it into position over the stud.



## SINTECH MOTOR

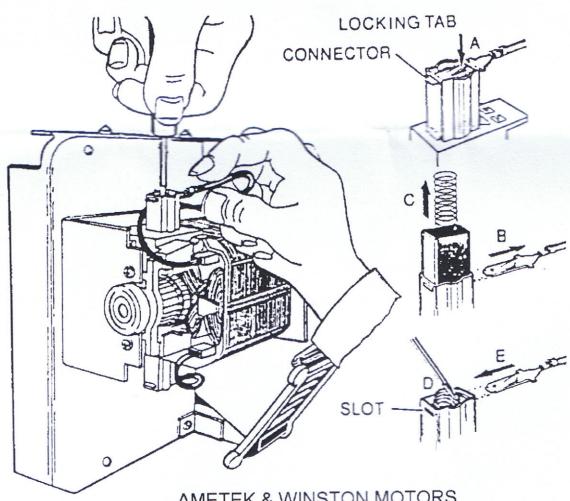
On this motor the brush is replaced by changing the complete brush box assembly.

### To remove the brush box assembly:

1. Pull the connector off the terminal tab, (A).
2. Depress the retaining tab with a small screwdriver and pull out the brush box, (B) and (C).

### To replace the brush box assembly:

1. Insert the new brush box and push it down until the retaining tab is level with the slot in the motor end frame.
2. Bend out the retaining tab.
3. Replace the connector on the terminal tab.



## AMETEK & WINSTON MOTOR

On this motor the brush is replaced without disturbing the brush box.

### To remove the brush:

1. Depress the locking tab in the connector with a small screwdriver, (A).
2. Slide out the connector and remove the brush, (B) and (C).

### To replace the brush:

1. Insert the new brush into the holder.
2. Press the spring down with a screwdriver until it is below the connector slot, (D).
3. Push the connector into the slot until it locks into position, (E). Make sure that all of the top coil is under the connector.