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Instructions for Installing New Brushes

1. Molded brush holder assembly must be removed from machine. Save mounting screws, spacers, etc. to use later.
2. Remove old brush, pigtail, spring, and terminal.
3. Remove all burrs and clean brush holder sleeves and terminal studs.
4. Insert pigtail of new brush thru spring, and pass pigtail thru hole in terminal plate. If spring is weak or damaged, replace it.
5. Attach new terminal from kit to end of pigtail.
IMPORTANT: use crimping tool or equivalent or rosin core solder for good electrical connection.
6. Connect pigtail to terminal stud.
7. Clean contact surfaces of collector rings and reinstall brush holder assembly in machine. Use same screws, spacers, etc. as originally removed, and use caution to avoid damaging new brushes.
8. **IMPORTANT:** when replacing chuck center cover, make sure mating surfaces are clean, flat and free of burrs or dents. Use new gasket to prevent entry of moisture.



If you should have any questions regarding these procedures, please contact us immediately.