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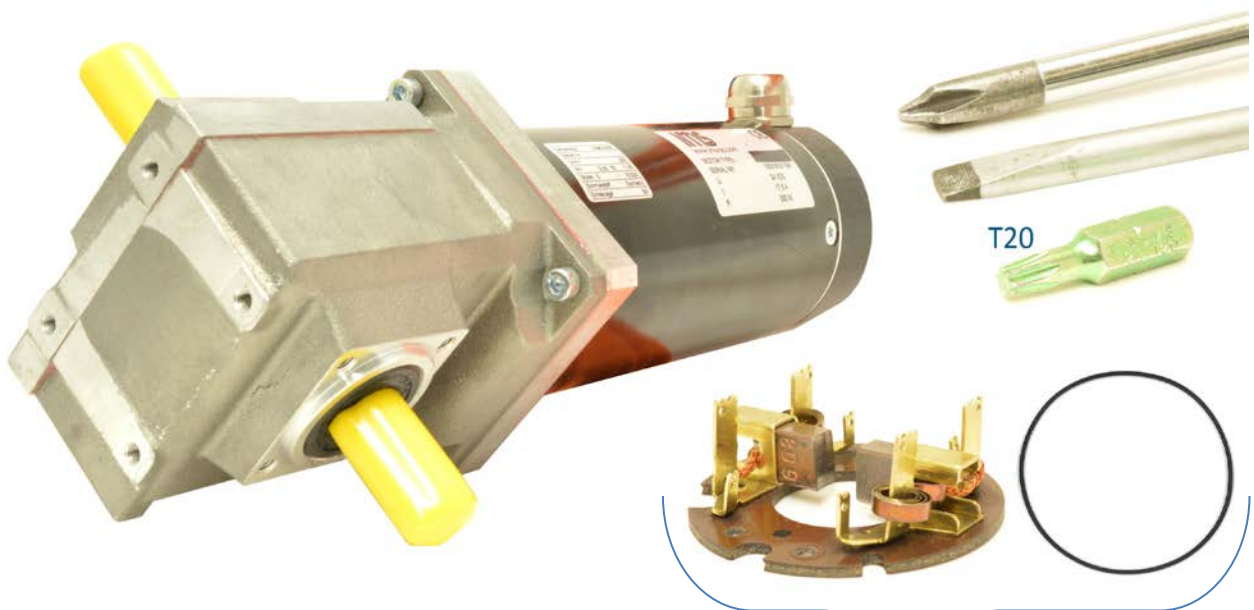
IMS TECHNOLOGIES AS

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BRUSHES FOR EL. MOTOR 300W + O-Ring

Replacement Instructions



IMS PART NUMBER - 10042141

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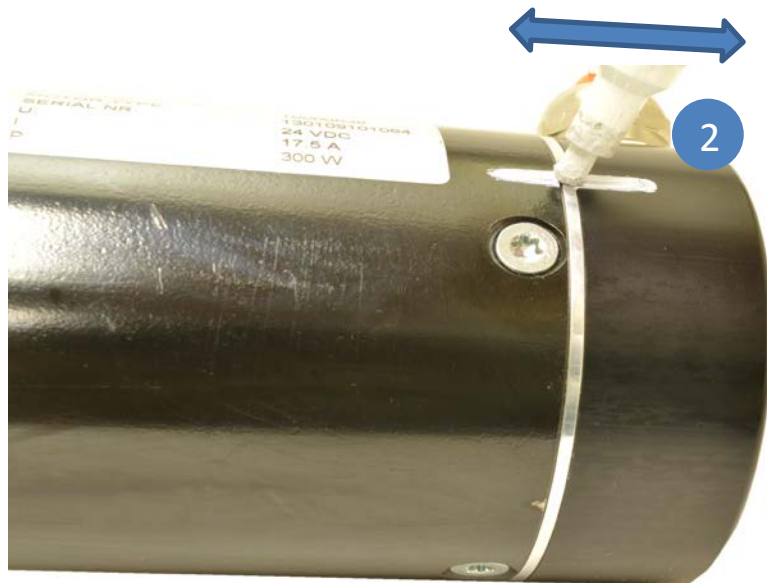


BRUSHES FOR EL. MOTOR 300W

Step-by-step Replacement Instructions

IMS PN: 10042141 - Brush and O-Ring for EI 24V motor, 3000h, 300W Motor, Kit

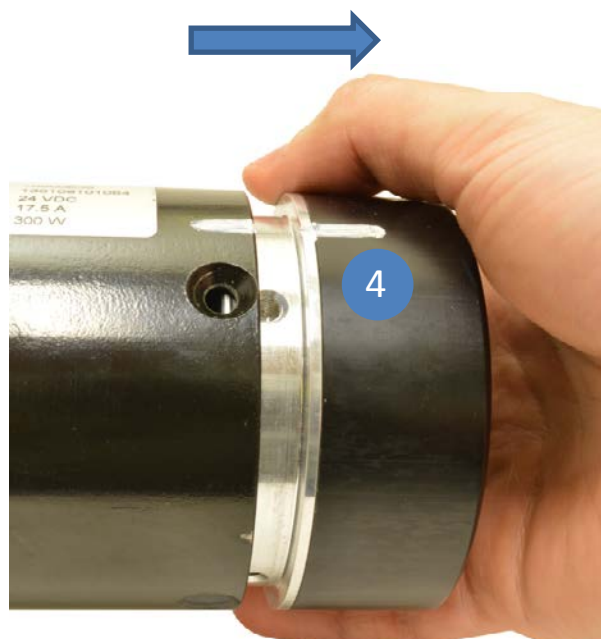
1. Disconnect the power to the motor.
2. Mark the current orientation of the housing to the end cap.



3. Unscrew all 4 Torx screws (T-20) that secures the end cap to the housing.



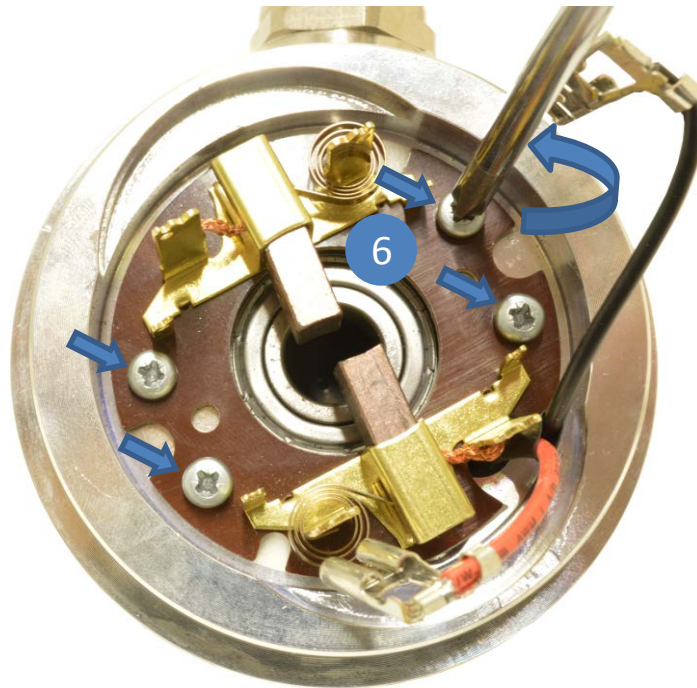
4. Pull the end cap carefully away from the housing.



5. Disconnect 2 wires from the terminals on the brush holders.

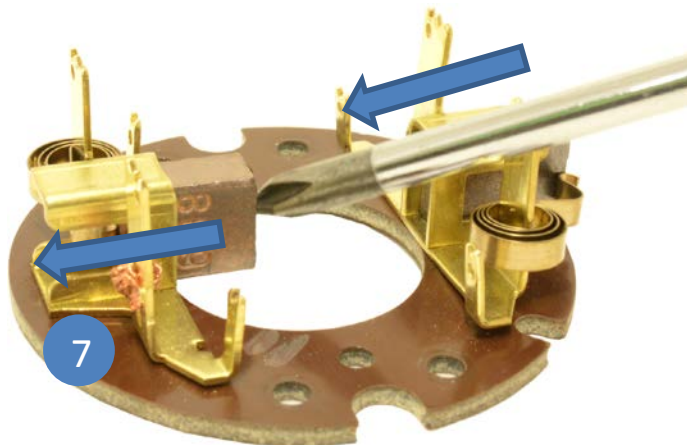


6. Unscrew all 4 screws and gently take out the complete brush holder.

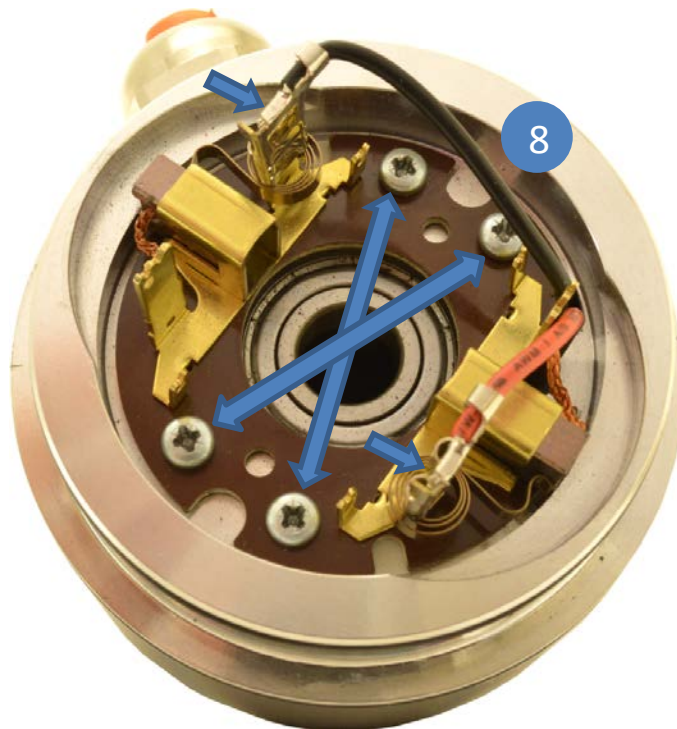


- Assembly Procedure -

7. - Take the new complete brush holder.
- Push out the both brushes in order to lock them in the fully open position.
*This step you may also do after you put the holder back (after step no.8)



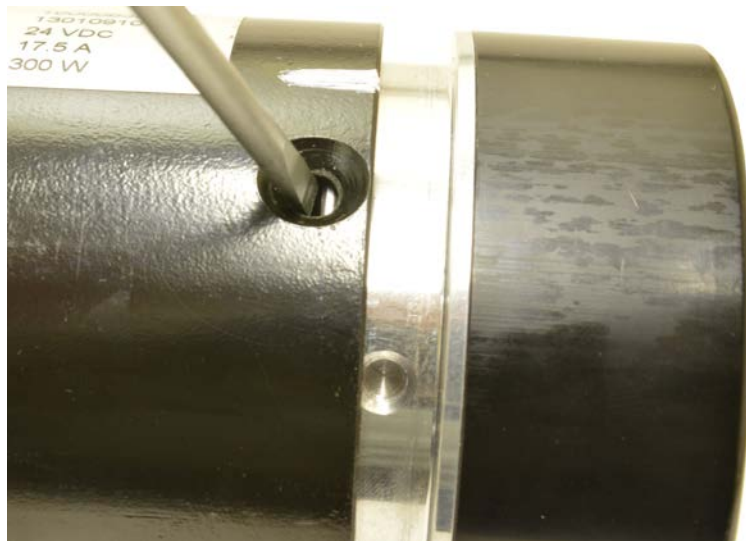
8. - When you put the new brush holder back, make sure that all 4 holes are well aligned.
- Insert all 4 screws and tight them in a criss-cross pattern.
- Once the brush holder is tight, reconnect the both wires to the brushes.



9. Replace O-Ring with the new one.



- 10.** - Insert the end cap to the housing, but **ONLY** so far that the brushes are visible through the holes in the housing.
- With a thin screwdriver, push the brushes **IN**, until you hear the spring is activated.
 - Do this on both sides (brushes).



- 11.** - Orientate the end cap and the housing according to the marks that was made during disassembly.
- Once it is aligned, push **IN** the end cap.
 - Put back and tight all 4 screws (**T-20**).



- 12.** Reconnect the main power to the motor and test it.