



MGX Motor and Flexible Shaft

Disassembly and Assembly Instructions

The following instructions are intended to assist the user in the disassembly/assembly of the MGX Motor and Flexible Shaft. Please read the entire disassembly/assembly instructions before disassembling or assembling.

Tools

- 5/16-inch Wrench
- Pair of Pliers

Disassembly

1. Place the motor on a suitable workbench. Make sure the area is clear of clutter.
2. Turn the plastic lock nut clockwise until completely loose (Figure 1).

Refer to Figure 2 for location of parts for the steps below.

3. Gently pull out flexible shaft collar to access the flex shaft core crimp.
4. Place a 5/16-inch wrench on the flat side of the motor shaft coupling.
5. Using a pair of pliers, grip the flex shaft core crimp.
6. Turn the motor coupling clockwise with the wrench to remove shaft from motor.

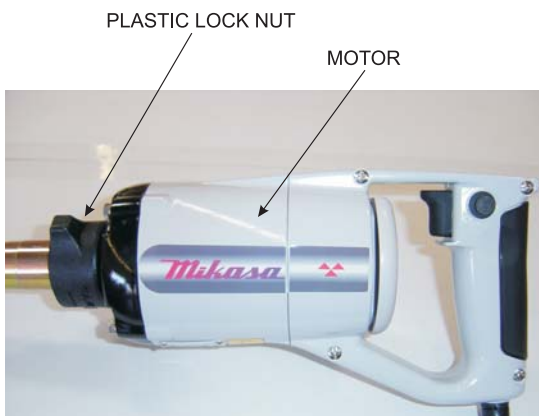


Figure 1. Plastic Lock Nut Removal

Assembly

1. Place the motor on a suitable workbench. Make sure the area is clear of clutter.

Refer to Figure 2 for location of parts for the steps below.

2. Align the flexible shaft core to the motor shaft.
3. Using a pair of pliers, grip the flex shaft core crimp.
4. Place a 5/16-inch wrench on the flat side of the motor shaft.
5. Turn the motor coupling counterclockwise with the wrench until tight.
6. Align and push the flexible shaft into the motor threaded connector.

NOTE

The flexible shaft must be laid down flat without any kinks in order to easily push it into the motor shaft.

7. Turn the plastic lock nut counterclockwise until tight.

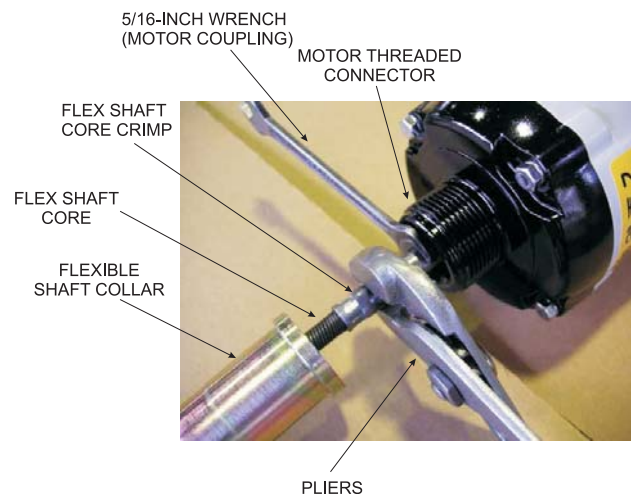


Figure 2. Disassembly/Assembly Parts



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