

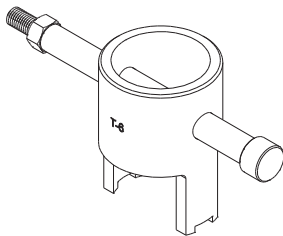


SERVICE INSTRUCTIONS FOR DROP-IN MOTORS

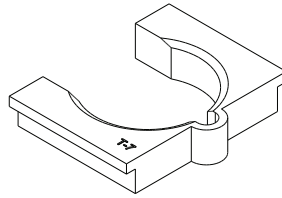
Service Tools

When your sander needs to be serviced, we offer tool kits or individual tools to make the disassembly/assembly fast and easy. The Service Tools are highly recommended for use with the Drop In Motor Kit.

NOTICE: To receive any expressed or implied warranty, tool must be repaired by an authorized Service Center. The following service instructions provided are for use after completion of the warranty period.



T-6 MOTOR LOCK RING
WRENCH/SPINDLE PULLER



T-7 SOFT COLLAR

Service Tools shown are sold separately.

Drop-in Motor Service Instructions

DISASSEMBLY INSTRUCTIONS

1. Lightly secure the tool in a vise using the T-7 Service Collar or padded jaws. Remove pad.
2. Unscrew the Lock Ring with the T-6 Motor Lock Ring Wrench/Spindle Puller Tool. The motor assembly can now be lifted out of the Housing.

with the service tool while applying light pressure. You will hear and feel a click when the lead thread of the lock ring drops into the lead thread of the housing, then turn clockwise to tighten.

4. Install a new Pad.

ASSEMBLY INSTRUCTIONS

1. Blow any dust and debris out of the housing and wipe clean.
2. Lightly grease or oil the inside diameter of the machine's Housing, line up the Pin with the marking on the Housing and slide in the Motor Assembly. Make sure the Pin engages the pocket in Housing.
3. Carefully screw the Lock Ring into the Housing using the T-6 Motor Lock Ring Wrench. Torque to 60 in/lbs (6.77 Nm.) NOTE: A simple technique to assure first thread engagement is to turn the lock ring counter clockwise

TESTING:

Place 3 drops of quality pneumatic air tool oil directly into the motor inlet and connect to a 90 psig (6.2 bar) air supply. The tool should run between 9,500 RPM and 10,000 for 10,000 RPM machines or 11,500 and 12,000 RPM for 12,000 RPM machines when the air pressure is 90 psig (6.2 bar) at the inlet of the tool while the tool is running at free speed. This free speed will be about 500 RPM to 1,000 RPM less when a Vacuum or Hook Face Pad is used because of wind resistance. This will not affect performance when sanding.