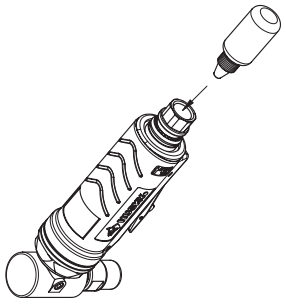
Maintenance

Ensure the air line is shut-off and drained of air before removing this tool for service. This will prevent the tool from operating if the throttle is accidentally engaged.



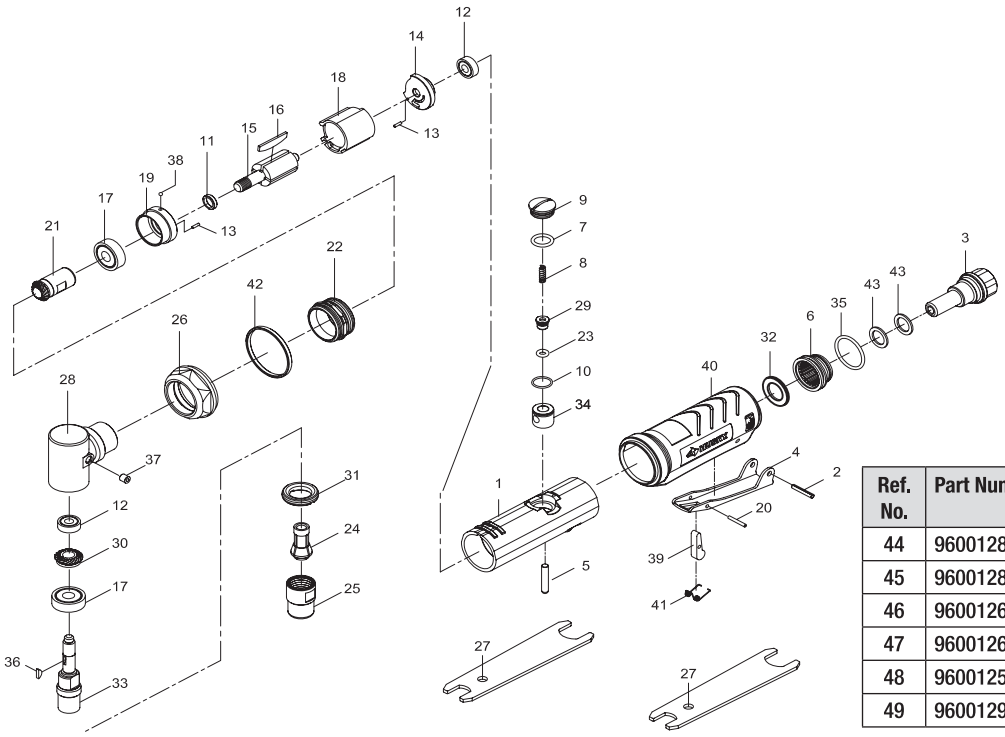
LUBRICATION

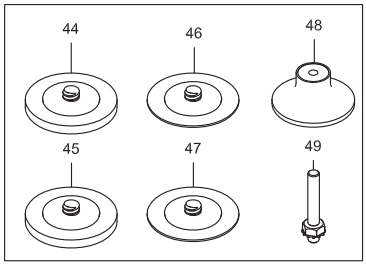
- □ An in-line filter-regulator-lubricator is recommended as it increases tool life and keeps the tool in sustained operation.
- □ Regularly check and fill the in-line lubricator with air tool oil. Avoid using excessive amounts of oil.
- □ Adjust the in-line lubricator by placing a sheet of paper next to the tool's exhaust ports and holding the throttle open approximately 30 seconds. The lubricator is properly set when a light stain of oil collects on the paper.
- □ If it is necessary to store the tool for an extended period of time (overnight, weekend, etc.), generously lubricate the tool through the air inlet. Run the tool for approximately 30 seconds to ensure the oil is evenly distributed throughout the tool. Store the tool in a clean and dry environment.
- □ Recommended lubricants: Air tool oil or any other high grade turbine oil containing moisture absorbent, rust inhibitors, metal wetting agents, and an EP (extreme pressure) additive.

Troubleshooting

Problem	Possible Cause	Solution
The tool runs slowly or will not operate.	There is grit or gum in the tool.	Flush the tool with air tool oil or gum solvent.
	The tool is out of oil.	Lubricate the tool according to the lubrication instructions in this manual.
	The air pressure is low.	□ Adjust the regulator on the tool to the maximum setting. □ Adjust the compressor regulator to the tool's maximum setting of 90 psi.
	The air hose leaks.	Tighten and seal the hose fittings with pipe thread tape if leaks are found.
	The air pressure drops.	□ Ensure the hose is the proper size. Long hoses or tools using large volumes of air may require a hose with an I.D. of ½" or larger depending on the total length of the hose. □ Do not use a multiple number of hoses connected together with a quick connect fitting. This causes additional pressure drops and reduces the tool power. Directly connect the hoses together.
	There is a worn rotor blade in the motor.	Replace the rotor blade.
	There is a worn ball bearing in the motor.	Remove and inspect the bearing for rust, dirt, and grit. Replace or clean and grease the bearing with bearing grease.
There is moisture blowing out of the tool's exhaust.	There is water in the tank.	Drain the tank. (See the air compressor manual for instructions.) Lubricate the tool and run it until water is not evident. Lubricate the tool again and run for 1-2 seconds.

Service Parts





Accessories

Ref. No.	Part Number	Description	Qty.
44	9600128-23	2” Fine Surface Prep	1
45	9600128-22	2” Medium Surface Prep	1
46	9600126-2036	2” Grit Sanding Disc #40	1
47	9600126-20	2” Grit Sanding Disc #60	1
48	9600125-21	2” Sanding Backup Pad	1
49	9600129	Bit	1

Reference Number	Part Number	Description
1	9522201	Motor Housing
2	940337	Lever Pin
3	952-522403	Air Inlet
4	952-522504-12	Throttle Lever
5	952-522505	Valve Shaft
6	952206	Deflector
7	970109	O-Ring
8	9522208	Spring
9	952-522510	Valve Screw
10	952236	O-Ring
11	952212	Rotor Spacer
12	9052213	Ball Bearing (2)
13	930117	Spring Pin (2)
14	952214	Rear End Plate
15	952215	Rotor
16	952216	Vane (4)
17	9030120	Ball Bearing (2)
18	952218	Cylinder
19	952219	Front End Plate
20	9522220	Spring Pin
21	952222	Pinion Gear
22	9522223	Front Coupling

Reference Number	Part Number	Description
23	930107	O-Ring
24	951224	Collet
25	952225-12	Collet Nut
26	952-522426	Front Cap
27	952227	Spanner (2)
28	956228	Head
29	9522240	Throttle Valve
30	952230	Bevel Gear
31	952231	Lock Ring
32	9522250	Damping Material
33	952233	Spindle
34	9522236	Bushing
35	952235	O-Ring
36	952232	Key
37	956237	Oil Cap
38	952245	Steel Ball
39	951540	Safety Bar
40	952-522454	Grip
41	9522212	Spring
42	952-522402	Decoration Ring
43	9522243	Washer (2)