

Maintenance

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

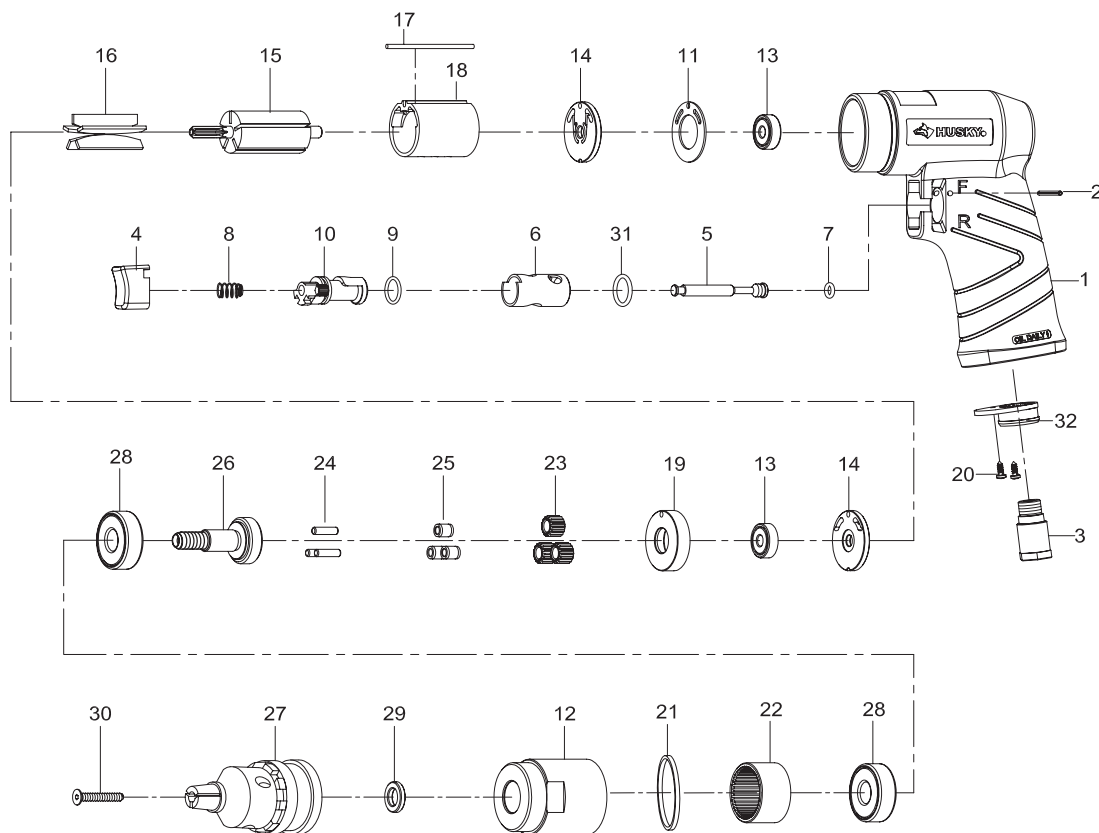
LUBRICATION

- 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.	<ul style="list-style-type: none"> □ 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.	<ul style="list-style-type: none"> □ 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



Reference Number	Part Number	Description
1	975-7300P01	Motor Housing
2	980202	Spring Pin
3	970103	Air Inlet
4	9795804	Trigger
5	980205	Valve Stem
6	980206-1	Reverse Bushing
7	970107	O-Ring
8	975-730008	Valve Spring
9	980209	O-Ring
10	980210	Reverse Lever
11	980211	Motor Gasket
12	970534	Clamp Nut
13	9030113	Ball Bearing (2)
14	980214	End Plate (2)
15	980215	Rotor
16	980216	Rotor Blade (5)

Reference Number	Part Number	Description
17	980217-13	Pin
18	980218-22	Cylinder
19	980219	Front End Plate
20	940309	Screw (2)
21	975-725351	Decoration Ring
22	980222	Internal Gear
23	980223	Planet Gear (3)
24	930124	Pin (3)
25	980225	Bushing (3)
26	970526	Work Spindle
27	5950	Key Chuck & Key
28	9080227	Ball Bearing (2)
29	970133	Washer
30	970530	Screw
31	980247	O-Ring
32	970110	Exhaust Diffuser