

Buffmaster Tool Maintenance

Using the guide lines in this manual will give longer life to your buffing tool.



Buffmaster® Tools, LLC

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**Manufacturer of
quality drum
polishing tools
and pads**

Buffmaster Tool Specifications

Long Arm Buffer



Air	Torque	RPM	Drum Size	Length
35 CFM (1/2" NPT)	2,8 ft. lbs (1,13 hp)	4200 (Free Speed)	5" x 7"	31"
1 M3/min	842 W		127mm x 178mm	787mm

Short Arm Buffer



Air	Torque	RPM	Drum Size	Length
35 CFM (1/2" NPT)	2,8 ft. lbs (1,13 hp)	4200 (Free Speed)	4" x 7"	18"
1 M3/min	842W		101mm X 178mm	457mm

One of the most important issues to get the best use out of these tools, is the volume of air, the use of 1/2" (13mm)ID air hoses and all air hose fittings need to be 1/2" (13mm)ID. Anything less will not allow the torque that these tools are capable of. This is very important with optimal polishing.

Buffmaster® Tools Safety

When operating a Buffmaster Tool, always wear eye or face protection.



When polishing it is recommended that you should wear gloves. Some that will help with a grip as well as protection. They should not be too loose.



Ear protection is a must while operating these machines. There are many styles for varied comfort.



If you are operating the machine you should use care to only run it when you are on the metal you want to polish. It is not recommended that you operate it freely at high speeds.

If you are not operating the tool it is important to disconnect the tool from the air source when setting it down and taking a break or applying polish or changing the pad. We highly recommend using Safety couplers to make this an easy on and off.

Always use the handle with the grip to hold when polishing using a firm closed hand grip. This is a two hand operation and should not be attempted one handed.

This tool should not be used under the influence of drugs or alcohol.

It is not necessary to operate the tool at full RPM. The best speeds are 0 to 3000 RPM to accomplish a nice polish.

Daily Maintenance

Apply 10 drops of Mobil or similar Air Tool Oil before each 8 hour shift through the air inlet nipple.



Apply two drops of air tool oil to the rear of throttle daily.



Apply three drops of air tool oil in the groove of the throttle body daily.



Maintenance Inspection

As with any type of tool you would be choosing to use, inspect for damages, or stress cracks in welds or in the tubing while doing your daily maintenance.

Three Month Maintenance

Remove cotter pin from drum without damaging the shaft.



Remove the drum by loosening the 3/32 set screw using t-handle allen wrench ½ turn.



Loosen gear unit using a 41 mm wrench, turning clockwise (left handed threads).



Apply high temperature moly grease to the gear unit hole.



Reinstall gear unit turning counter clockwise. Align gears by turning shaft.



Tighten shaft using 41 mm wrench.



Apply grease to drum bearings before installing drum.



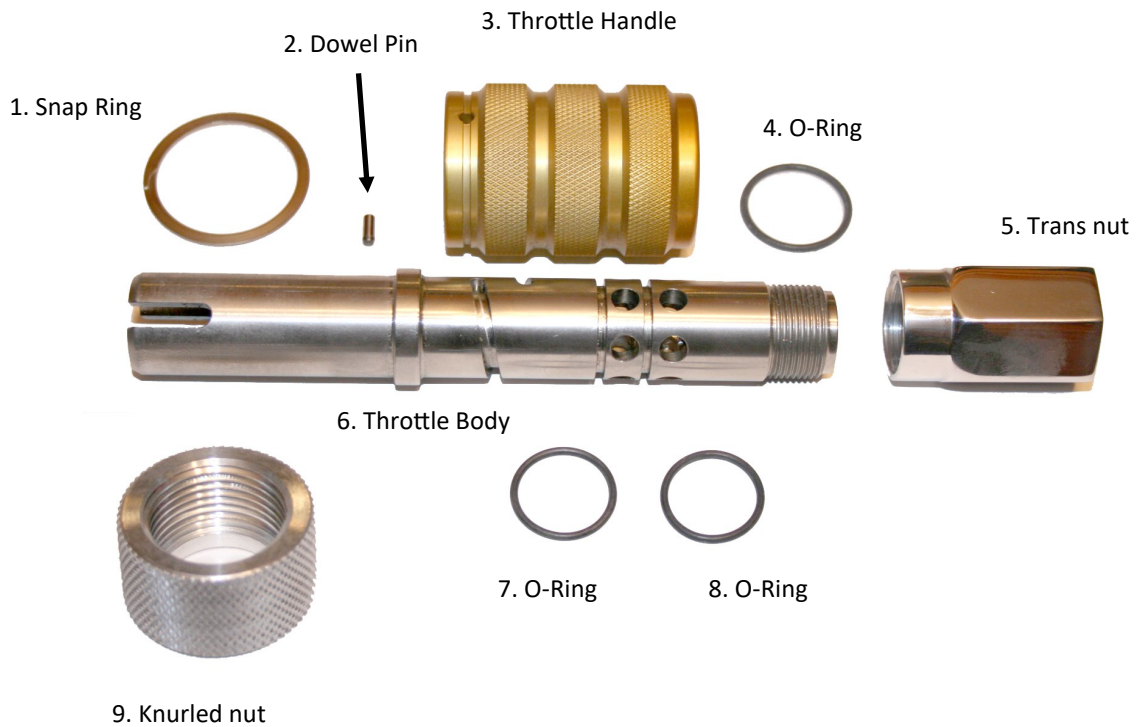
Slide drum over the motor shaft and tighten set screw.



Reinstall a new cotter pin.



Buffmaster Tool Throttle Assembly



1	Snap Ring	PN/ WSM-137-S02	McMaster Carr
2	Dowel Pin	PN/ DIN 6325m6	McMaster Carr
3	Throttle Handle	PN/ BM-TRH	Buffmaster Tools
4	O-Ring	PN/ MS28775-020	Aviall
5	Transition Nut	PN/ BM-TN	Buffmaster Tools
6	Throttle Body	PN/BM-TRB	Buffmaster Tools
7 & 8	O-Rings	PN/MS28775-018	Aviall
9	Knurled nuts	PN/BM-SPD-nuts	Buffmaster Tools

(The O-Rings for the throttle body needs to be glued with extra time Loctite green bottle)

Tools and supplies needed for preventative maintenance.



Loctite used for re-placing
o-rings of the throttle



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