

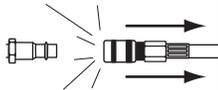


# MODEL G5344 AIR PALM SANDER INSTRUCTION SHEET

## ⚠️ WARNING



**EYE INJURY HAZARD!**  
Always wear safety glasses when using this tool to prevent serious personal injury.



**INJURY HAZARD!**  
Always disconnect tool from air to prevent unexpected operation during service.



**DUST HAZARD!**  
Always wear respirator when using this tool.

## Introduction

This 15,000 RPM air sander requires 75 PSI and 3" x 4½" sanding sheets. (You can cut a standard 9" x 11" sanding sheet into sixths and trim each piece to size.) Air hose inlet is ¼" NPT.

## Inventory

- A. Air Palm Sander ..... 1
- B. Air Hose..... 1

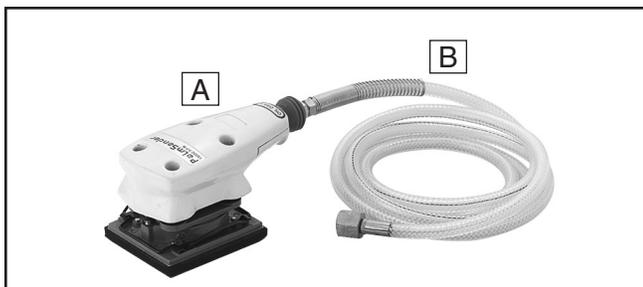


Figure 1. Model G5344.

## Assembly and Attaching Abrasives

To assemble the sander and attach sandpaper:

1. Thread the air hose into the sander.
2. Install a ¼" NPT male quick-disconnect fitting (not included) into the end of the hose.
3. Lift one clamp up over the bracket (**Figure 2**), then pull the clamp down to open it.

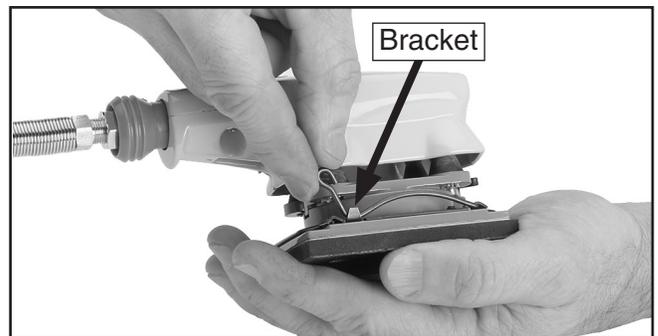


Figure 2. Opening clamp.

4. Insert one end of the sandpaper between the clamp and base as shown in **Figure 3**, and lift the clamp up and back over the bracket to secure the sandpaper.



Figure 3. Attaching and securing sanding sheet.

- Repeat **Step 3** with the opposite clamp, fold the sandpaper over the sander, and repeat **Step 4**, making sure the paper fits snugly as shown in **Figure 4**.

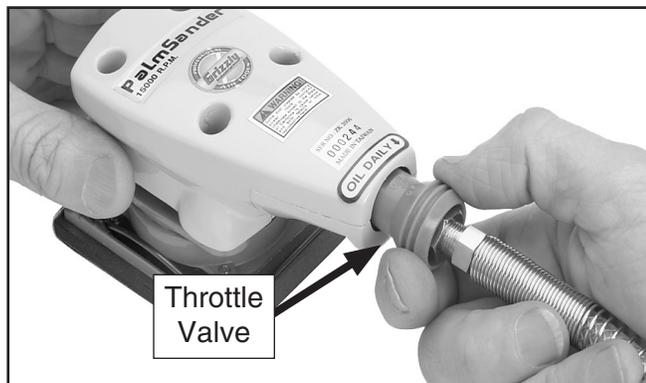


**Figure 4.** Attaching sandpaper on opposite side.

## Operation

To operate the sander:

- Connect the tool to compressed air.
- Hold the sander and push the throttle valve (**Figure 5**) inwards to turn the sander on.



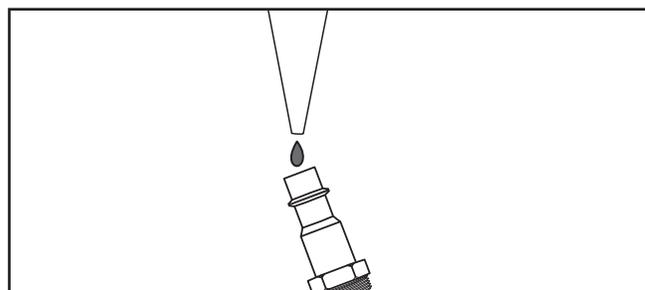
**Figure 5.** Sander controls.

- Push or pull the throttle valve (**Figure 5**) between ON and OFF to control the speed of the sander.

- Pull the throttle valve outwards to stop the sander.
- When the sandpaper loses its effectiveness, **disconnect the sander from air**, remove sandpaper from the clamps, and replace with a new sheet.

## Maintenance

Lubricate at the beginning of the sanding task. Place one or two drops of pneumatic tool oil directly into the air fitting as shown in **Figure 6**.



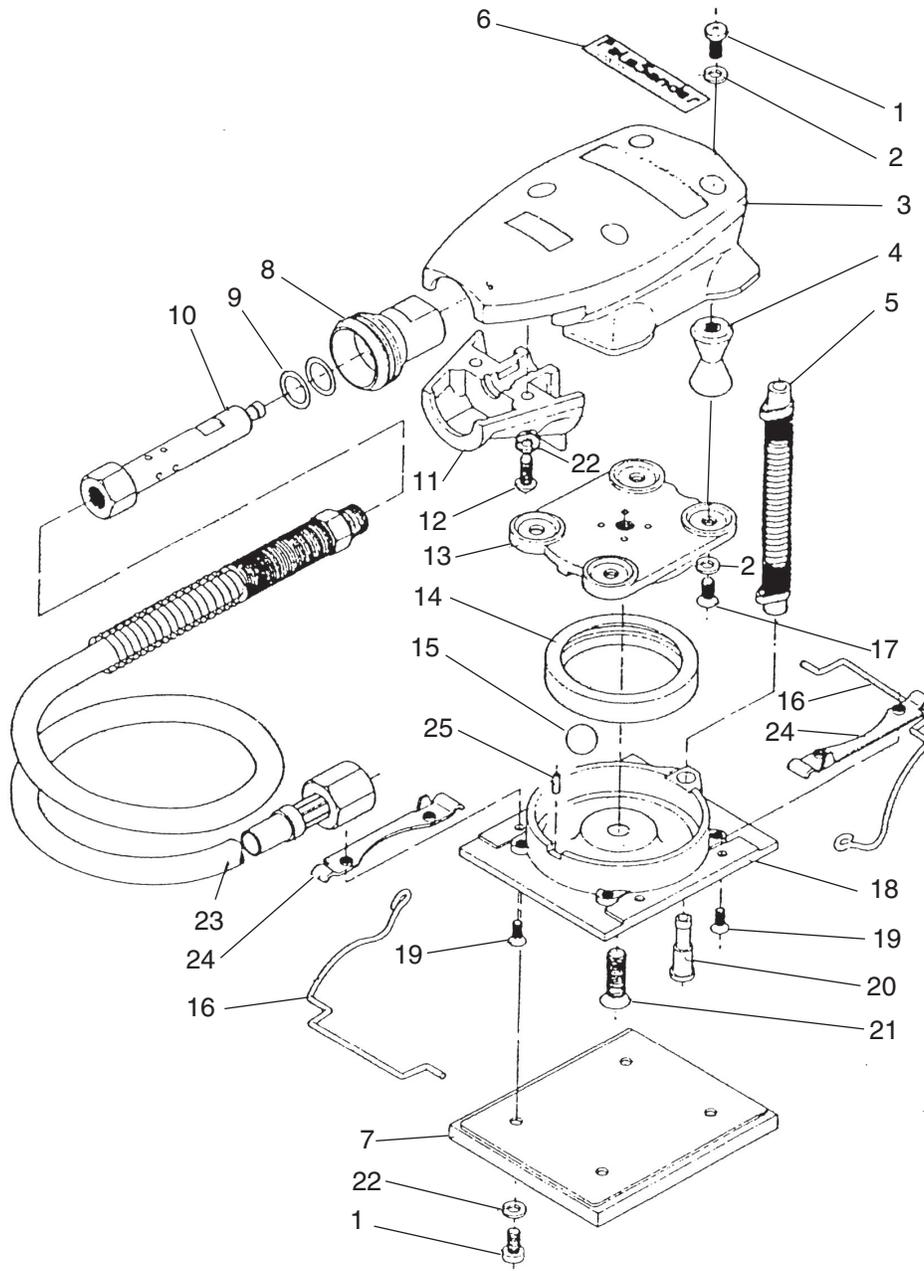
**Figure 6.** Lubricating directly into air fitting.

A filter/lubricator/regulator set up is not recommended, as excess oil in the tool could spray onto the workpiece.

Run the sander for a few minutes to eject excess oil, then wipe the tool down with a rag and begin sanding. Oil the tool after use or storage.

*If you need help with your new pneumatic tool, call our Tech Support at: (570) 546-9663.*

# G5344 Parts Breakdown and List



REF	PART #	DESCRIPTION
1	PS07M	PHLP HD SCR M4-.7 X 8
2	PLW02M	LOCK WASHER 4MM
3	P5344003	HOUSING COVER
4	P5344004	RUBBER SUPPORT ASSEMBLY
5	P5344005	TUBE ASSEMBLY
6	P5344006	MODEL LABEL
7	P5344007	RUBBER PAD ASSEMBLY
8	P5344008	THROTTLE VALVE
9	P5344009	O-RING
10	P5344010	VALVE FITTING
11	P5344011	HOUSING CAP
12	PS38M	PHLP HD SCR M4-.7 X 10
13	P5344013	END PLATE

REF	PART #	DESCRIPTION
14	P5344014	CYLINDER
15	P5344015	STEEL BALL
16	P5344016	CLAMP SPRING
17	P5344017	FLAT HEAD SCREW
18	P5344018	CYLINDER SUB ASSEMBLY
19	PFH49M	FLAT HD SCR M3-.5 X 6
20	P5344020	VALVE BUSHING
21	P5344021	FLAT HEAD SCREW
22	PLW02M	LOCK WASHER 4MM
23	P5344023	HOSE SUB ASSEMBLY
24	P5344024	CLAMP STOMPER
25	P5344025	ROLL PIN

