

Installation Guide for 81503

Sandblast Cabinet Dust Collection System

Universal Fitment



Parts List



1	Vacuum Motor [120 VAC, 60Hz, 12 Amp]	5	Vacuum to Collector Latch
2	Power Cord	6	Collector Trap Door
3	Filter	7	Shaker Knob Assembly
4	Collector [1.75 gal.]		

Read Before Installation

Thank you for your purchase of this JEGS Sandblast Cabinet Dust Collection System.

Before installation, please be sure to verify that all of the kit components have been received. Reference the parts list on the previous page. If any components are missing or damaged please contact customer service at: 1.800.345.4545.

Installation of this dust collection system can be completed with basic hand tools. If you are not comfortable with this process please contact a trusted service shop to perform the installation.

If you are having issues, or have questions regarding the installation of this dust collection system, please contact our technical support department at: 1.800.345.4545.

Return Information: Before modifying any of the parts in this system, please trial fit. ***Once this kit has been modified it will not be accepted for return.***

Warning

- Use caution when sandblasting parts that are exposed to flammable materials. Do not allow fumes to enter the vacuum motor; this is an explosion hazard.
- Wear a respirator when cleaning or emptying the dust collection system. Avoid breathing the dust produced.
- Wear ear protection. This unit produces a high level of noise.
- Do not operate the dust collection system if the inlet is blocked.
- Do not operate in wet conditions.
- This unit is equipped with a 56 in. cord. If an extension cord must be used, do not exceed 50 ft. total length. An 18 AWG gauge wire or larger extension cord is necessary.
- Unplug the dust collector when cleaning, changing filter, or servicing.

Assembly

Shaker Knob

Installation

1. Disconnect the retainer clips and lift the upper portion, containing the vacuum motor and filter, away from the lower collector.
2. Disassemble the shaker knob by unscrewing the inner strike plate and nut.
3. Slide the threaded end through the hole on the side of the collector. Keep the spring on the outside of collector.
4. Reattach the nut and inner striker plate inside the collector. Tighten the nut against the striker plate to ensure a secure attachment.

Mounting

Installation

1. Align the collector hose outlet to vacuum port at rear of sandblaster cabinet. To ensure proper fitment, check the sandblast cabinet's vacuum outlet diameter. This unit features a 2 1/8 in. diameter outlet. Some units may require an adapter to fit.
2. When positioning this dust collect unit, check for clearance between the collector hose outlet and the sandblast cabinet's vacuum port shield. Minimal, or no clearance will restrict flow and can lead to vacuum motor damage.
3. With the unit in position, mark the dust collector's mounting bracket holes on the back of the sandblast cabinet. With the holes marked, set the dust collector aside and drill the holes.
4. Align the dust collector unit mounting brackets with the drilled holes and bolt into place.
 - **Note:** Mounting hardware is not included with this kit.

Use & Maintenance

Use

Dust Collector System

1. To use this system, after installation, connect to a 120V power source.
2. When using the sand blasting cabinet this unit will remove dust allowing for better visibility.
 - **Note:** This dust collection system does not feature an On/Off switch. It turns once when plugged into a wall outlet. Some sandblast cabinets feature an outlet that can be used to power this unit.

Shaker Knob

- Push the shaker into the collector. Doing this will cause the shaker to hit the filter and break loose impacted debris. The spring will retract it to the original position.

Maintenance

Filter Remove & Replacement

1. Unplug the vacuum.
2. Disconnect the two clasps connecting the vacuum motor to the collector.
3. Lift the upper assembly away, making sure to take into account the length of the filter to clear the collector.
4. Remove the wing nut to remove the filter.
5. Reverse steps to reinstall.

Emptying the Collector

1. Position a bucket, or trash can, underneath the dust collector.
1. Disconnect the clasp at the bottom of the collector.
2. Open the trapdoor
3. Hit the shaker knob to break debris loose.