

Grizzly *Industrial, Inc.*®

MODEL H7509Z STAND FOR G0441 DUST COLLECTOR OWNER'S MANUAL *(For models manufactured since 01/21)*



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V1.10.22

SECTION 1: SETUP

Unpacking

This cyclone dust collector stand was carefully packaged for safe transport. When unpacking, separate all enclosed items from packaging materials and inspect them for shipping damage. ***If items are damaged, please call us immediately at (570) 546-9663.***

IMPORTANT: Save all packaging materials until you are completely satisfied with the stand and have resolved any issues between Grizzly or the shipping agent. ***You MUST have the original packaging to file a freight claim. It is also extremely helpful if you need to return your stand later.***

Needed for Setup

The following items are needed, but not included, for the setup/assembly of this stand.

Description	Qty
• Model G0441 (Mfd. 09.20+).....	1
• Additional People	1
• Lifting Equipment.....	1
• Safety Glasses (For Each Person).....	1
• 90° Square	1
• Scrap Cardboard.....	As Needed
• Wrenches or Sockets 1/2"	2
• Wrench or Socket 8mm, 9/16"	1 Ea.
• Open-End Wrench 9/16", 30mm.....	1 Ea.
• Phillips Head Screwdriver #2	1

Aside from the information in this manual, all other content in the Model G0441 owner's manual and manual update applies and MUST be read and understood for your own safety. **IMPORTANT: Keep this manual with the G0441 owner's manual for future reference.**

For questions or help, contact our Tech Support at (570) 546-9663 or techsupport@grizzly.com.

Anchoring to Floor

Number of Mounting Holes 4
Diameter of Mounting Hardware..... 1/2"

Anchoring machinery to the floor prevents tipping or shifting and reduces vibration that may occur during operation, resulting in a machine that runs slightly quieter and feels more solid.

If the stand and machine will be installed in a commercial or workplace setting, or if the machine is permanently connected (hardwired) to the power supply, local codes may require that it be anchored to the floor.

If not required by any local codes, fastening the stand to the floor is an optional step. If you choose not to do this, we recommend placing your stand on machine mounts, as these provide an easy method for leveling and they have vibration-absorbing pads.

Anchoring to Concrete Floors

Lag shield anchors with lag screws (see below) are a popular way to anchor machinery to a concrete floor, because the anchors sit flush with the floor surface, making it easy to unbolt and move the stand and machine later, if needed. However, anytime local codes apply, you MUST follow the anchoring methodology specified by the code.

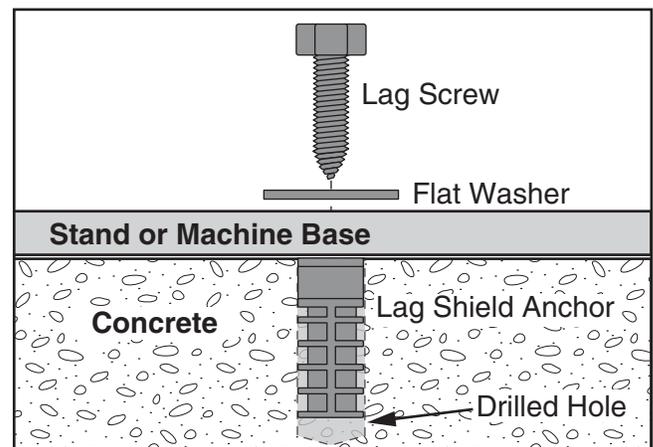
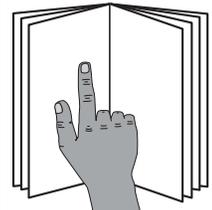


Figure 1. Popular method for anchoring machinery to a concrete floor.



Inventory



! WARNING
To reduce your risk of serious injury, read this entire manual **BEFORE** using machine.

The following is a list of items shipped with your stand. Before beginning setup, lay these items out and inventory them.

If any non-proprietary parts are missing (e.g. a nut or a washer), we will gladly replace them; or for the sake of expediency, replacements can be obtained at your local hardware store.

NOTICE

If you cannot find an item on this list, carefully check around/inside the machine and packaging materials. Often, these items get lost in packaging materials while unpacking or they are pre-installed at the factory.

Box Contents (Figure 2)	Qty
A. Lower Stand Legs	4
B. Upper Stand Legs	4
C. Upper Stand Braces	4
D. Lower Bracket Braces	4
E. Collector Mounting Brackets	4
F. Switch Box Base Panel	1
G. Handle Hook.....	1
H. Handle Hook Base	1
I. Hardware (Not Shown)	
—Carriage Bolts $\frac{5}{16}$ "-18 x $\frac{3}{4}$ "	56
—Hex Bolts $\frac{5}{16}$ "-18 x 1"	8
—Hex Bolts $\frac{3}{8}$ "-16 x $\frac{3}{4}$ "	3
—Hex Bolts $\frac{3}{8}$ "-16 x 1"	3
—Flat Washers $\frac{5}{16}$ "	72
—Flat Washers $\frac{3}{8}$ "	12
—Hex Nuts $\frac{5}{16}$ "-18.....	64
—Hex Nuts $\frac{3}{8}$ "-16.....	3
—Lock Nuts $\frac{3}{8}$ "-16.....	3
—Vacuum Hose Clips	2

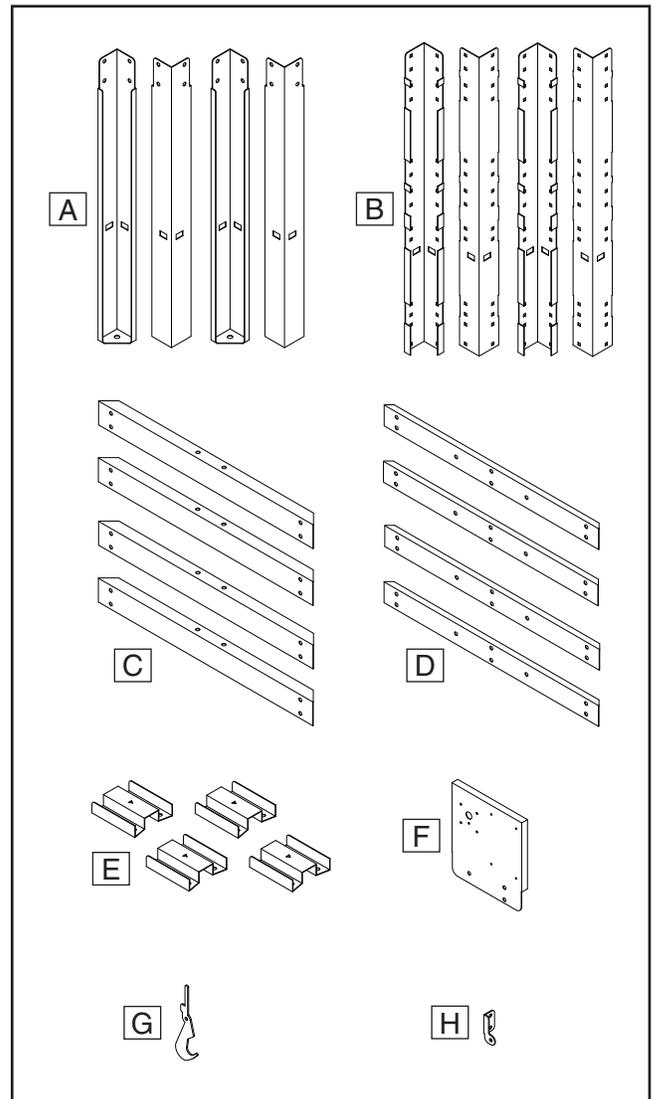


Figure 2. Model H7509Z inventory.

IMPORTANT: Because the H7509Z stand replaces the wall-mount that comes with the Model G0441 dust collector, you will not use and can set aside (1) large wall mounting bracket, (1) small wall mounting bracket, (6) $\frac{3}{8}$ "-16 x $\frac{3}{4}$ " hex bolts, (12) $\frac{3}{8}$ " flat washers, and (6) $\frac{3}{8}$ "-16 hex nuts.



Assembly

Before beginning the assembly process, refer to **Needed for Setup** in this manual and **Inventory** on **Page 3** of the Model G0441 Manual Update and gather all listed items.

IMPORTANT: Use these steps instead of those listed in the Model G0441 Manual Update to assemble your dust collector to the H7509Z stand.

	<p>WARNING HEAVY LIFT! Straining injury may occur from improperly lifting stand/collector parts. To reduce this risk, get help from other people and use lifting equipment rated for weight of stand/collector.</p>
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To assemble dust collector on stand:

1. Connect upper stand legs with lower bracket braces with (16) $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " carriage bolts, $\frac{5}{16}$ " flat washers, and $\frac{5}{16}$ "-18 hex nuts (see **Figure 3**).

Note: Be sure to build frame using bolt holes indicated in **Figures 3–4** and **14**. Machine will not fit correctly on frame if wrong holes are used, and you will need to rebuild frame.

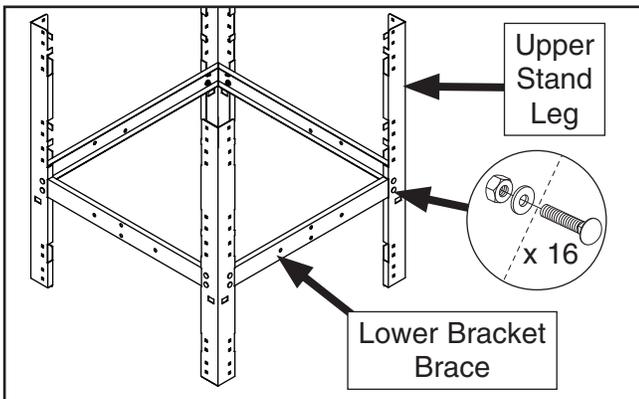


Figure 3. Initial assembly of upper stand legs connected to lower bracket braces.

Note: Only finger tighten hardware in **Steps 1–2** for now.

2. Attach upper stand braces to top of assembly from **Step 1**, with (16) $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " carriage bolts, $\frac{5}{16}$ " flat washers, and $\frac{5}{16}$ "-18 hex nuts (see **Figure 4**).

Note: Use third and fourth holes from top of stand assembly for this step.

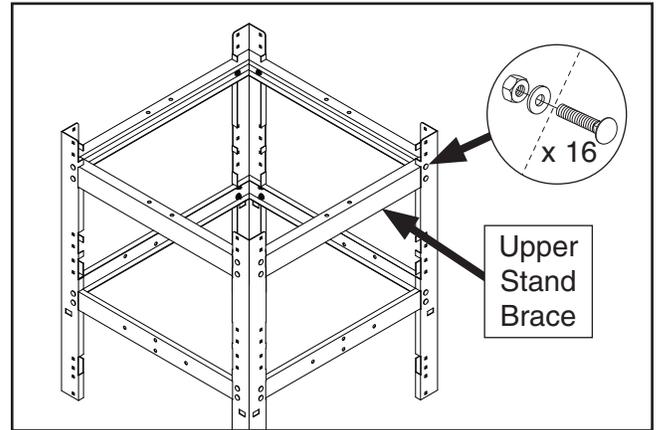


Figure 4. Upper braces attached to stand assembly.

3. Square stand, then tighten all hardware.
4. Place intake cylinder on floor and apply 3 x 6 x 1800mm foam tape to intake cylinder top rim, between mounting holes and inside edge (see **Figure 5**).

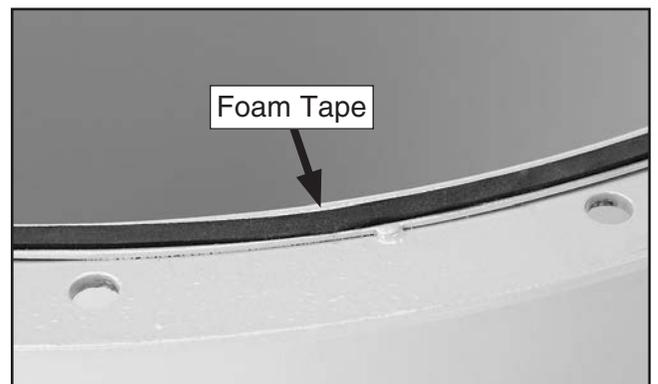


Figure 5. Foam tape applied to intake cylinder rim.

5. Place motor/blower housing on a large piece of cardboard to prevent scratches.
6. Attach intake cylinder to bottom of housing, as shown in **Figure 6**, with (4) $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " hex bolts and $\frac{5}{16}$ " flat washers.



Note: This part of dust collector is not accessible after assembly. Consider using thread locker on bolts to ensure that fasteners will not come loose with vibration.

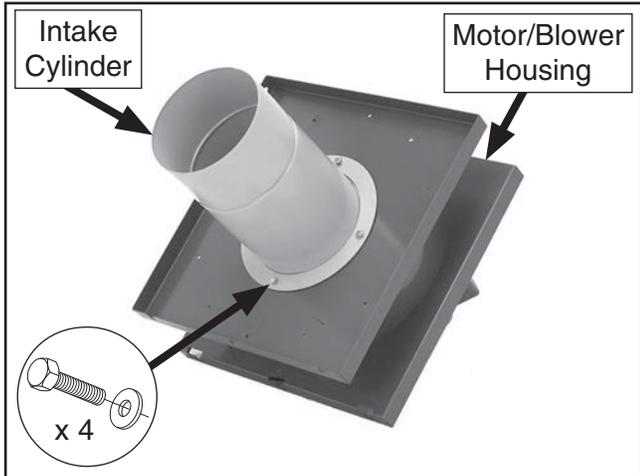


Figure 6. Intake cylinder attached to bottom of motor housing.

7. Apply 3 x 6 x 300mm foam tape to mating surface of cyclone vacuum port.
8. Attach vacuum tube port to cyclone funnel with (4) $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " hex bolts and $\frac{5}{16}$ " flat washers (see **Figure 7**).

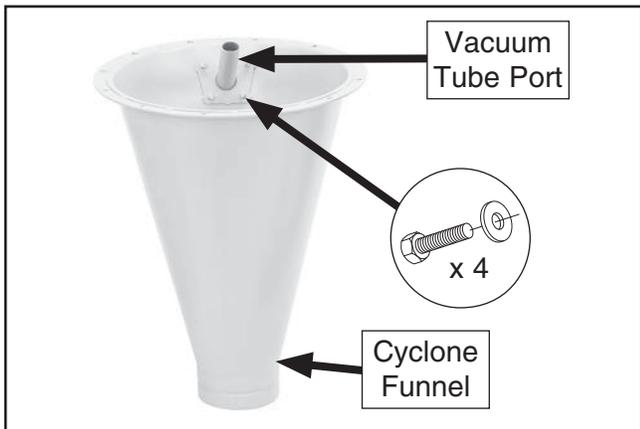


Figure 7. Cyclone funnel vacuum tube port installed.

NOTICE

We strongly recommend using a general-purpose silicone sealant on mating surfaces during assembly process. For components assembled with a rubber gasket between them, apply sealant evenly on both sides of gasket before assembly.

9. Attach cyclone funnel to intake barrel with barrel gasket between them with (12) $\frac{5}{16}$ "-18 x 1" hex bolts, (24) $\frac{5}{16}$ " flat washers, and (12) $\frac{5}{16}$ "-18 hex nuts (see **Figure 8**).

Note: Vacuum port on cyclone funnel should face away from labels on intake barrel.

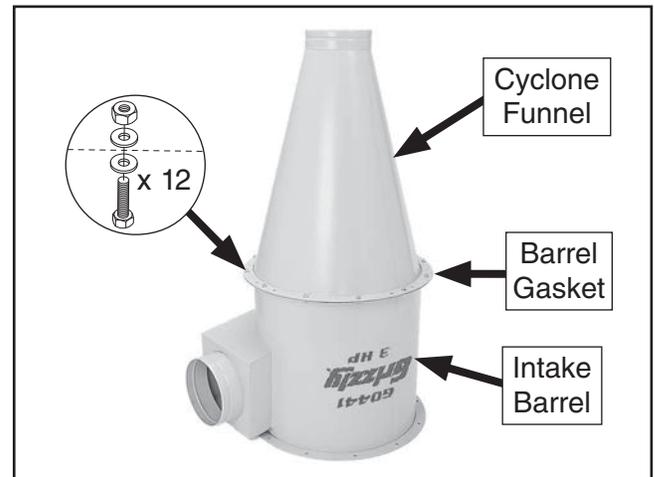


Figure 8. Cyclone funnel attached to intake barrel.

Note: At places where you see three holes close together, only use center hole for this step. The two outside holes will be used in the next step.

10. Attach (4) Model H7509Z collector mounting brackets to intake assembly, as shown in **Figure 9**, with (8) $\frac{5}{16}$ "-18 x 1" hex bolts, (16) $\frac{5}{16}$ " flat washers, and (8) $\frac{5}{16}$ "-18 hex nuts.

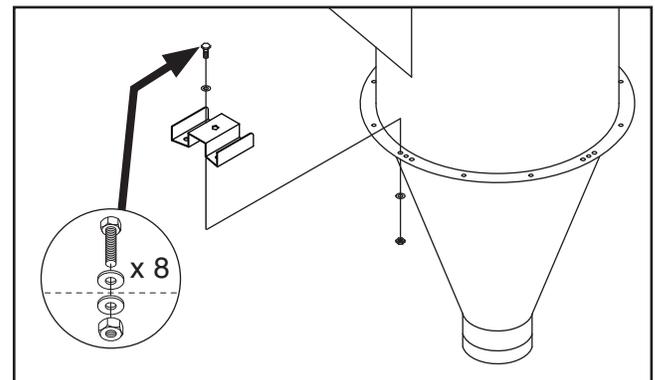


Figure 9. Collector mounting brackets and securing fasteners.

11. Place large piece of cardboard on ground to prevent scraping parts on bare floor during next steps.



12. With help of another person, lay stand assembly on its side on cardboard and slide collector assembly into stand assembly, as shown in **Figure 10**.

13. Fasten collector assembly to stand with (8) $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " carriage bolts, $\frac{5}{16}$ " flat washers, and $\frac{5}{16}$ "-18 hex nuts, as shown in **Figure 10**.

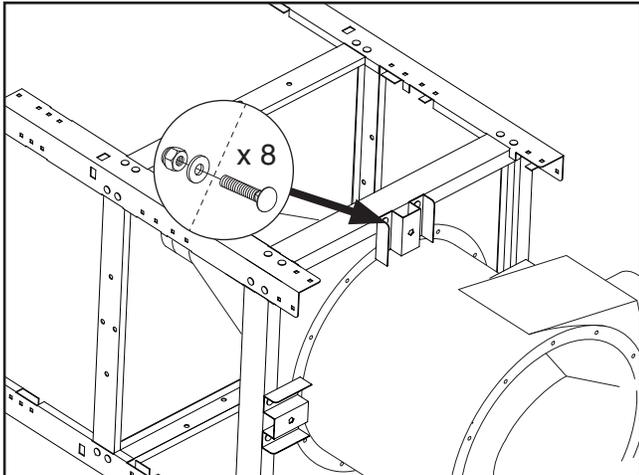


Figure 10. Collector assembly fastened to stand.

14. Lift assembly upright and rotate it so inlet/outlet directions are suitable for your shop.

	<p>⚠ WARNING HEAVY LIFT! Straining or crushing injury may occur from improperly lifting machine or some of its parts. To reduce this risk, use a forklift (or other lifting equipment) rated for weight of this machine.</p>
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15. Place remaining barrel gasket on top of intake barrel.

16. Using two punches or Phillips screwdrivers, align mounting holes, as shown in **Figure 11**, and lower assembly onto intake barrel.

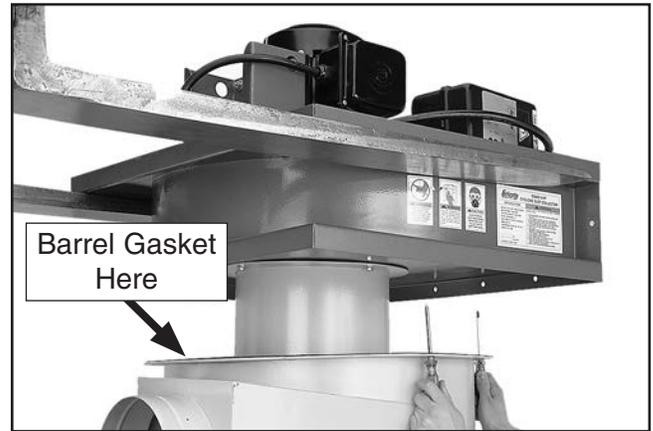


Figure 11. Aligning mounting holes.

Note: In next step, when installing two bolts above intake port, use duct tape on bottom of your wrench, as shown in **Figure 12**, to hold bolts in place. This will enable you to start the bolts more easily.

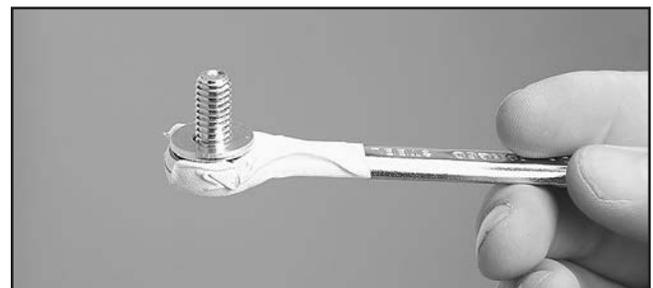


Figure 12. Using tape on wrench in tight spot.

17. Attach assembly to intake barrel, as shown in **Figure 13**, with (12) $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " hex bolts and $\frac{5}{16}$ " flat washers.



Figure 13. Securing blower on intake barrel.



18. Using forklift or assistants, raise assembly and attach lower stand legs to upper stand legs, as shown in **Figure 14**, with (16) $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " carriage bolts, $\frac{5}{16}$ " flat washers, and $\frac{5}{16}$ "-18 hex nuts.

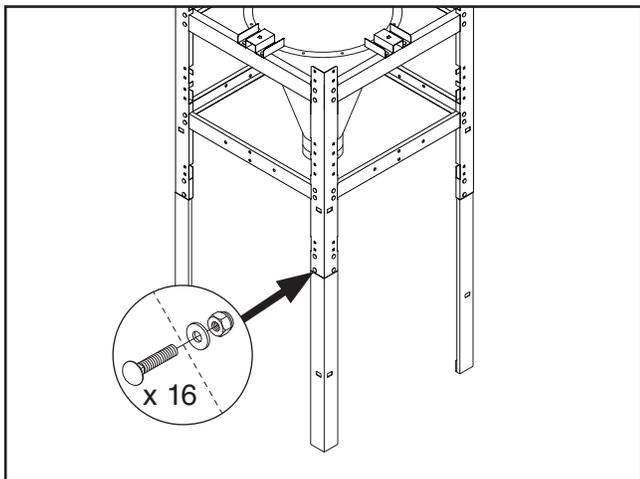


Figure 14. Attaching lower legs to the initial stand assembly.

19. Attach outlet port and filter L-braces to blower housing with outlet gasket between outlet port and housing, as shown in **Figure 15**, using (8) $\frac{5}{16}$ "-18 x 1" hex bolts, (16) $\frac{5}{16}$ " flat washers, and (8) $\frac{5}{16}$ "-18 hex nuts.

Note: One brace attaches directly to housing with the following extra hardware: (2) $\frac{5}{16}$ "-18 x 1" hex bolts, (4) $\frac{5}{16}$ " flat washers, and (2) $\frac{5}{16}$ "-18 hex nuts.

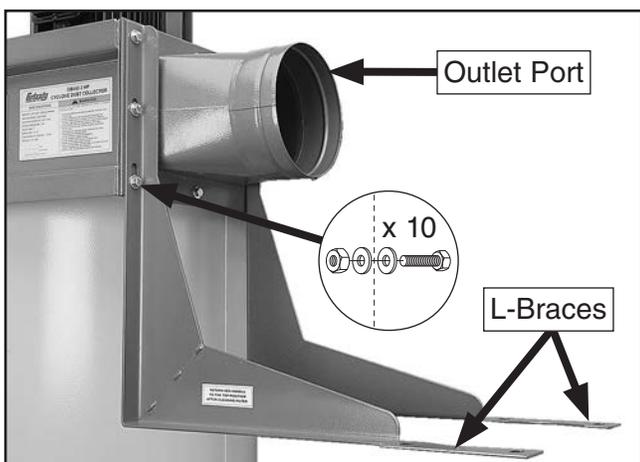


Figure 15. Outlet port and filter L-braces installed.

20. Mount filter to L-braces with brace gaskets between them, as shown in **Figure 16**, using (4) $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " hex bolts and $\frac{5}{16}$ " fender washers.

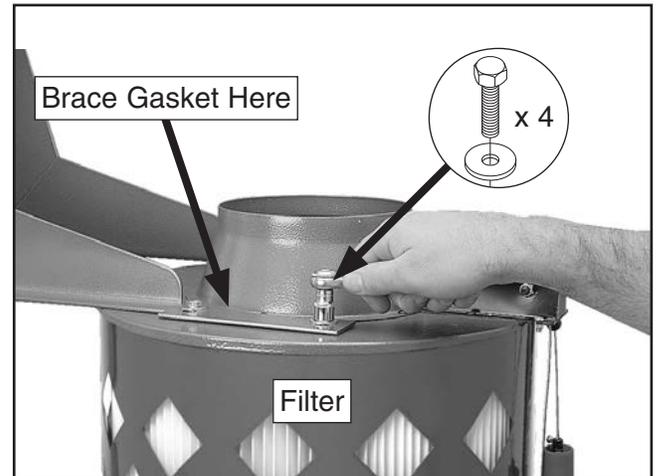


Figure 16. Mounting filter to braces.

21. Apply 3 x 15mm foam tape rolls to lips of outlet port, canister adapter, and both ends of muffler, as shown in **Figure 17**.

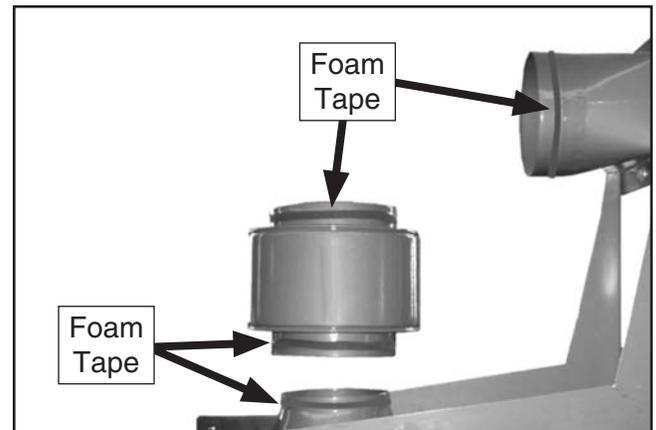


Figure 17. Foam tape applied to upper components.



22. Attach 8" x 5" gray flexible hose between canister adapter and muffler with (2) 8" hose clamps, then attach 8" x 20" gray flexible hose between muffler and outlet port with (2) 8" hose clamps (see **Figure 18**).

Note: It may be necessary to reposition canister L-braces down one bolt hole or shorten length of longer piece of flexible hose to accommodate bend in hose.

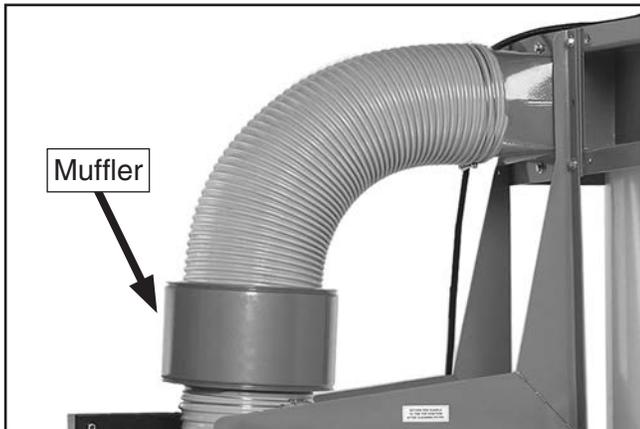


Figure 18. Muffler properly positioned between two gray flexible hoses.

23. Attach casters to bottom of lower collection drum, as shown in **Figure 19**, with (4) $\frac{3}{8}$ "-16 hex nuts, (8) $\frac{3}{8}$ " flat washers, and (4) $\frac{3}{8}$ " lock washers included in box with casters.

Note: Before attaching hardware in this step, separate $\frac{3}{8}$ " flat washers into two piles: one for thin and one for thick. Do not use thin washers until specified in **Step 34**.

24. Attach (1) plastic collection drum handle to lower collection drum using (2) $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " Phillips head screws, $\frac{5}{16}$ " fender washers, and $\frac{5}{16}$ "-18 acorn nuts (see **Figure 19**).

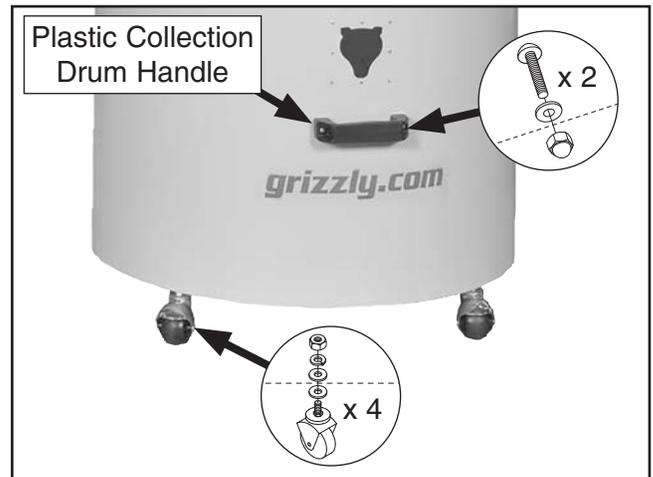


Figure 19. Casters and handle attached to lower collection drum.

25. Attach (1) plastic collection drum handle to upper collection drum using (2) $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " Phillips head screws, $\frac{5}{16}$ " fender washers, and $\frac{5}{16}$ "-18 acorn nuts.

26. Place collection drum lid seal on top of upper collection drum and connect upper and lower collection drums with included metal clamp and provided hex bolt and nut, as shown in **Figure 20**.

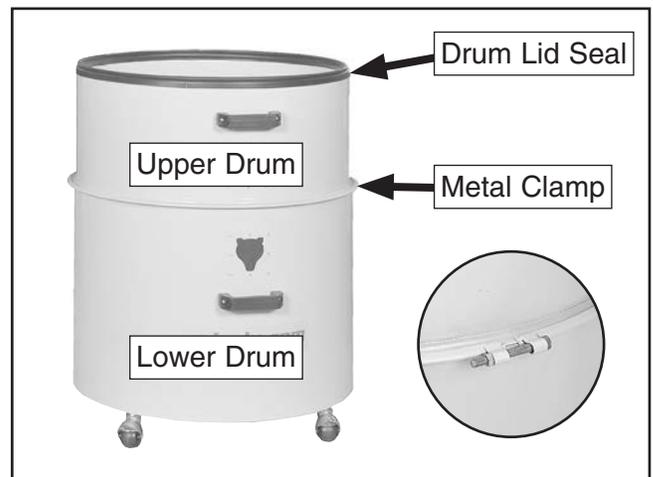


Figure 20. Drums assembled and drum lid seal installed.



- Place collection drum vacuum ring on bottom of collection drum (see **Figure 21**).

Note: During operation, this ring and vacuum connection to cyclone funnel will prevent collection bag from collapsing.



Figure 21. Example of inserting collection drum vacuum ring.

- Install larger plastic collection bag into drum.
- Place collection drum lid on top of collection drum.
- Position cyclone funnel adapter and drum lid together with (2) $\frac{3}{8}$ "-16 x 11" hex bolts, (2) drum lid springs, and (4) $\frac{3}{8}$ " flat washers, as shown in **Figure 22**.

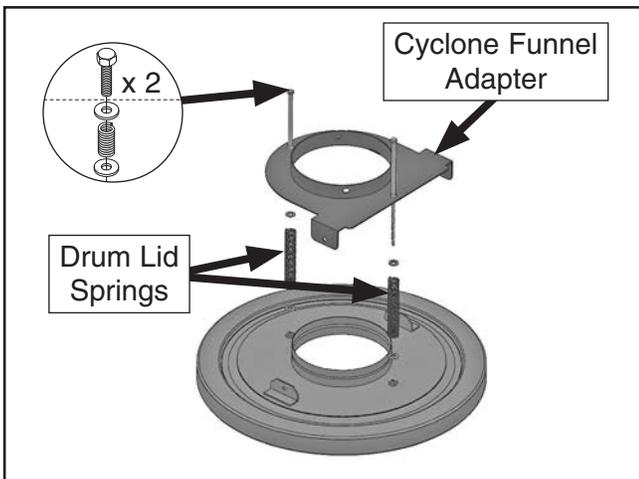


Figure 22. Installing cyclone funnel adapter.

- Install drum lid connecting plates with (2) $\frac{3}{8}$ "-16 x 1" hex bolts, (4) $\frac{3}{8}$ " flat washers, and (2) $\frac{3}{8}$ "-16 lock nuts (see **Figure 23**).

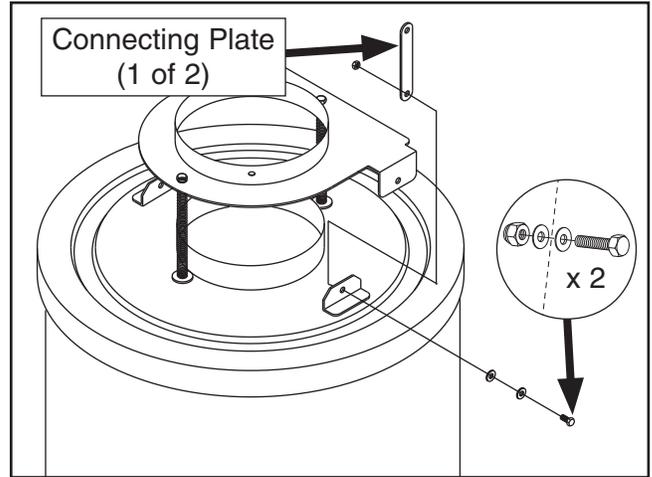


Figure 23. Installing drum lid connecting plates on drum lid.

- Attach collection lid handle to cyclone funnel adapter and drum lid connecting plates with (4) $\frac{3}{8}$ "-16 x 1" hex bolts, (8) $\frac{3}{8}$ " flat washers, and (4) $\frac{3}{8}$ "-16 lock nuts (see **Figure 24**).

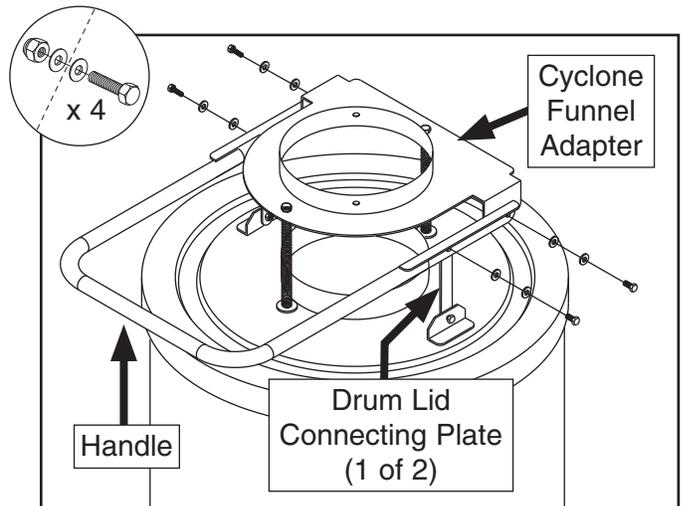


Figure 24. Attaching collection lid handle to connecting plate and adapter.

- While holding assembly in place, move collection drum assembly under cyclone assembly. Press cyclone funnel adapter and springs down to fit under cyclone funnel.



34. Align mounting holes of cyclone funnel and cyclone funnel adapter then attach with (4) $\frac{3}{8}$ "-16 x 1" hex bolts, (8) $\frac{3}{8}$ " thin flat washers, and (4) $\frac{3}{8}$ "-16 lock nuts (see **Figure 25**).

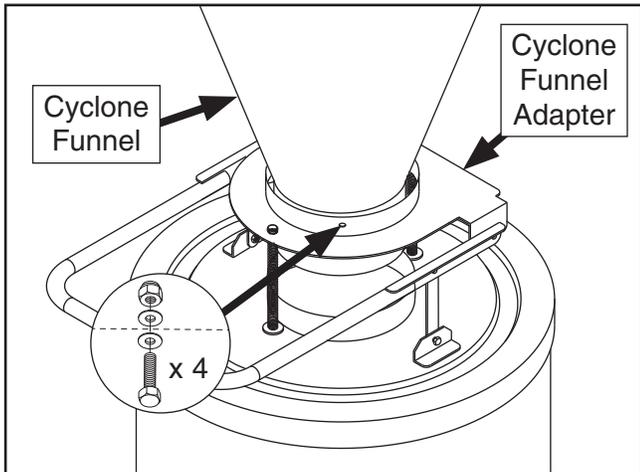


Figure 25. Cyclone funnel attached to adapter.

35. Remove collection drum from under lid, and secure hex bolts from **Step 30** with (2) $\frac{3}{8}$ "-16 lock nuts.

IMPORTANT: DO NOT overtighten. Only tighten lock nuts until they are flush with bottom of hex bolts.

36. Move collection drum back under lid.
37. Connect bottom of cyclone funnel to collection drum lid with 9" flexible hose and (2) 9" hose clamps (see **Figure 26**).

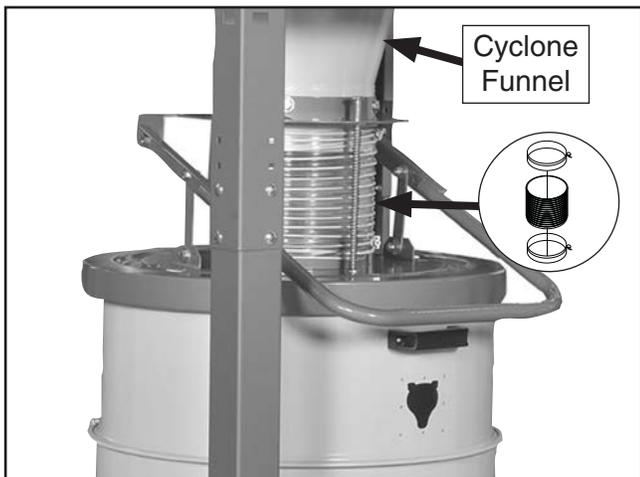


Figure 26. Cyclone funnel connected to drum lid with flexible hose.

38. Attach handle hook to handle hook base with (1) $\frac{3}{8}$ "-16 x 1" hex bolt, (2) $\frac{3}{8}$ " flat washers, and (1) $\frac{3}{8}$ "-16 lock nut (see **Figure 27**).

Note: Do not tighten nut completely to allow hook to move.

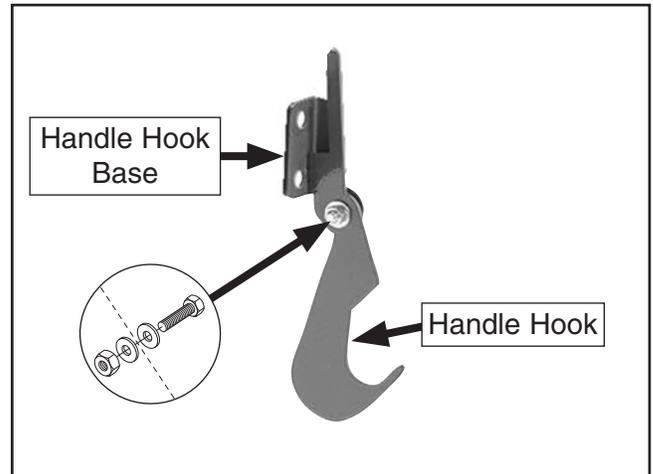


Figure 27. Handle hook attached to hook base.

39. Attach handle hook assembly to lower stand brace above collection lid handle with (2) $\frac{3}{8}$ "-16 x 1" hex bolts, (4) $\frac{3}{8}$ " flat washers, and (2) $\frac{3}{8}$ "-16 lock nuts (see **Figure 28**).

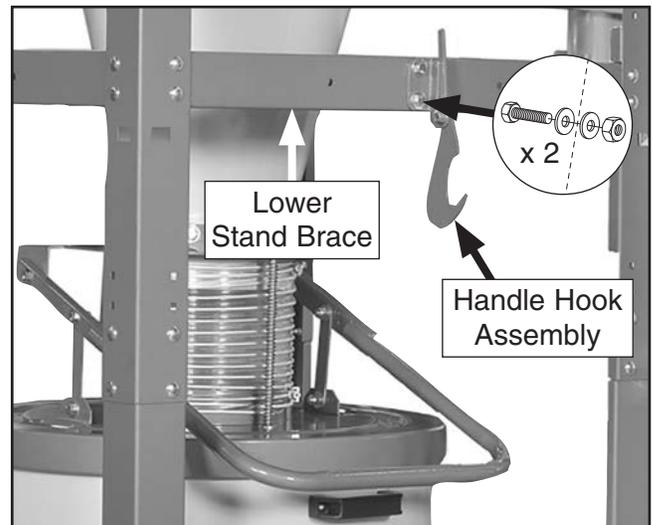


Figure 28. Handle hook assembly attached to lower stand brace.

40. Connect vacuum hose to collection drum vacuum port and cyclone vacuum port with (2) $1\frac{1}{4}$ " hose clamps (see **Figure 29**).



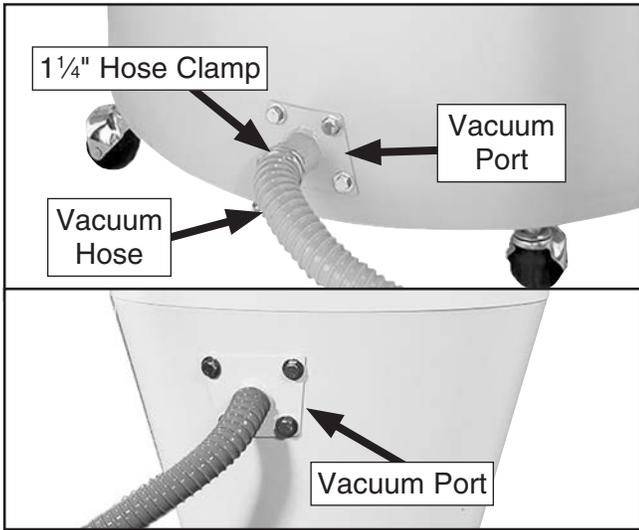


Figure 29. Vacuum hose connected.

41. Secure vacuum hose inside upper and lower stand legs with (2) vacuum hose clips (see **Figure 30**).

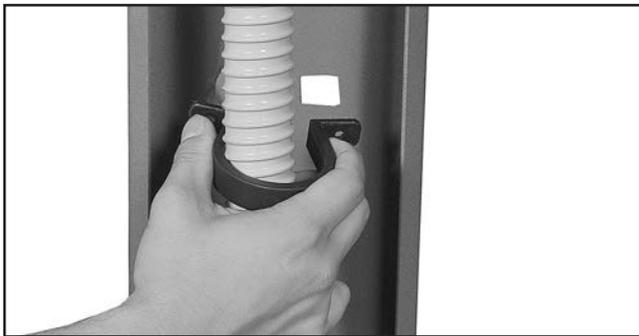


Figure 30. Securing vacuum hose to stand legs.

42. Remove securing Phillips head screw and open power junction box on Model G0441 switch bracket (see **Figure 31**).

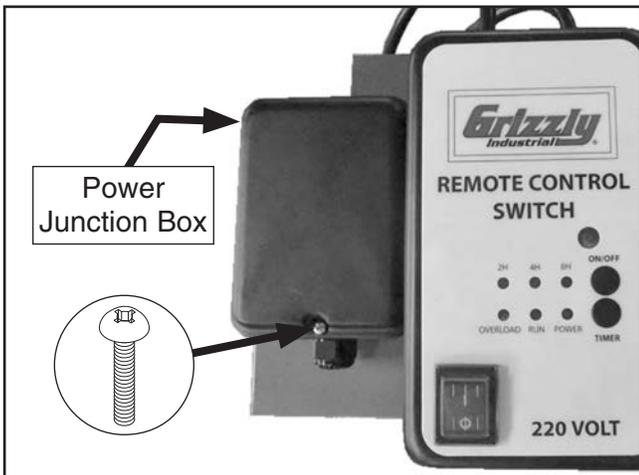


Figure 31. Location of securing screw on power junction box.

43. Remove hex nuts, external tooth washers, and Phillips head screw securing ground wire to switch bracket (see **Figure 32**).
44. Remove strain relief shown in **Figure 32**.
45. Remove (4) Phillips head screws, flat washers, and hex nuts shown in **Figure 32** to remove junction box from switch bracket.

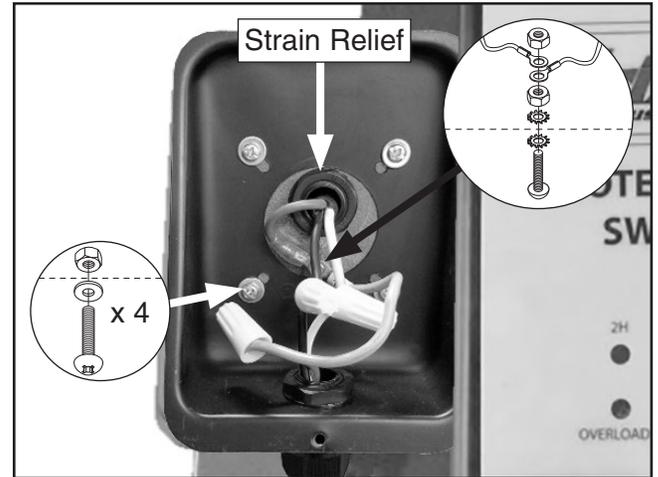


Figure 32. Inside power junction box (shown with power conduit attached for clarity).

46. Install power junction box to left side of Model H7509Z switch box base panel as it was attached to G0441 switch bracket (see **Steps 43–45**).
47. Close and secure power junction box.
48. Remove securing Phillips head screw and washer and open magnetic switch box on Model G0441 switch bracket (see **Figure 33**).

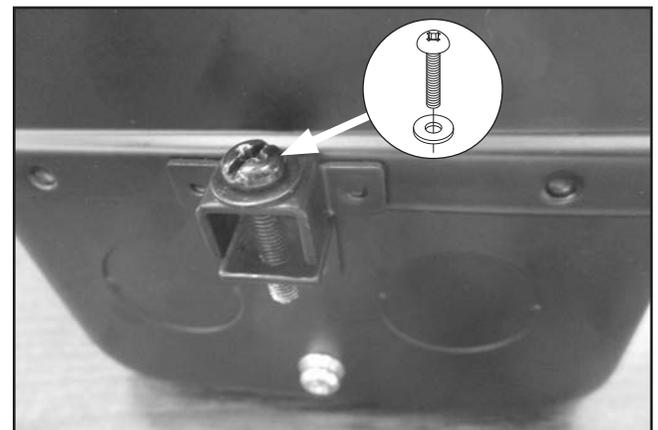


Figure 33. Location of securing fasteners on magnetic switch box.



49. Remove (4) Phillips head screws, flat washers, and hex nuts shown in **Figure 34** to remove magnetic switch from switch bracket.

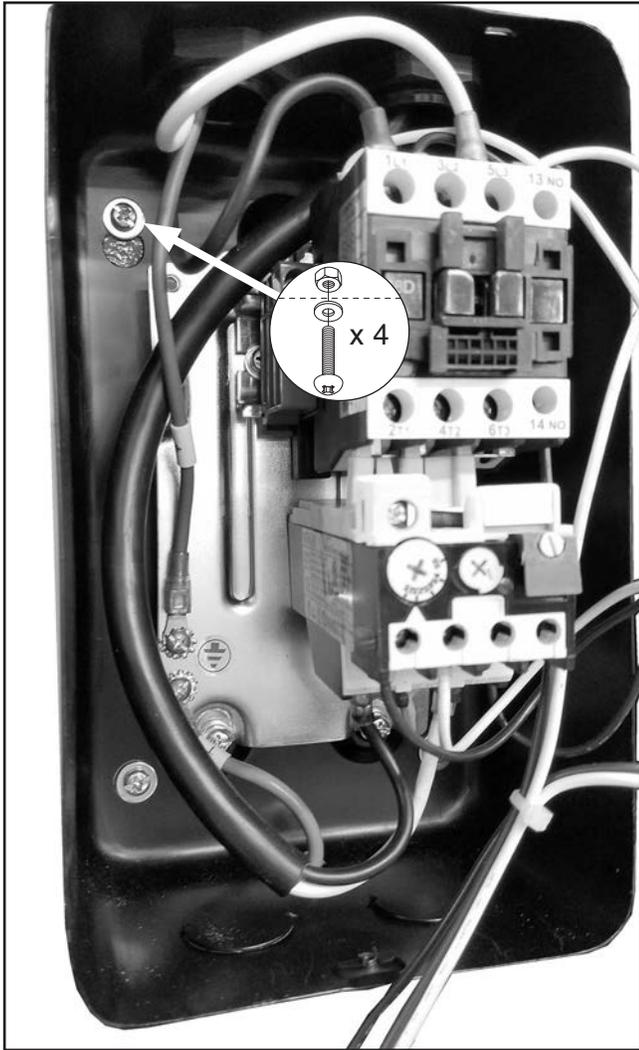


Figure 34. Inside magnetic switch box.

50. Install magnetic switch box to right side of Model H7509Z switch box base panel as it was attached to G0441 switch bracket (see **Step 49**).
51. Close and secure magnetic switch box.
52. Mount switch box base panel on stand, as shown in **Figure 35**, with (3) $\frac{3}{8}$ "-16 x $\frac{3}{4}$ " hex bolts, (6) $\frac{3}{8}$ " flat washers, and (3) $\frac{3}{8}$ "-16 hex nuts.

Note: Hand-held remote control uses IR (infrared) to communicate with control box receiver port, and must have direct line-of-sight to switch box face. Locate control box with this in mind.

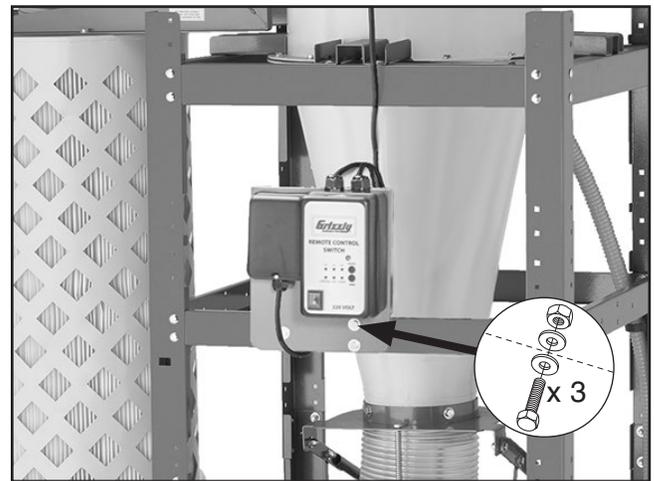


Figure 35. Switch mounted to stand.

53. Slip canister collection bag around opening under canister filter and secure with metal bag clamp (see **Figure 36**).



Figure 36. Canister collection bag secured to filter.

54. Refer to G0441 Manual for Test Run and Operation procedures beginning on **Page 25**.

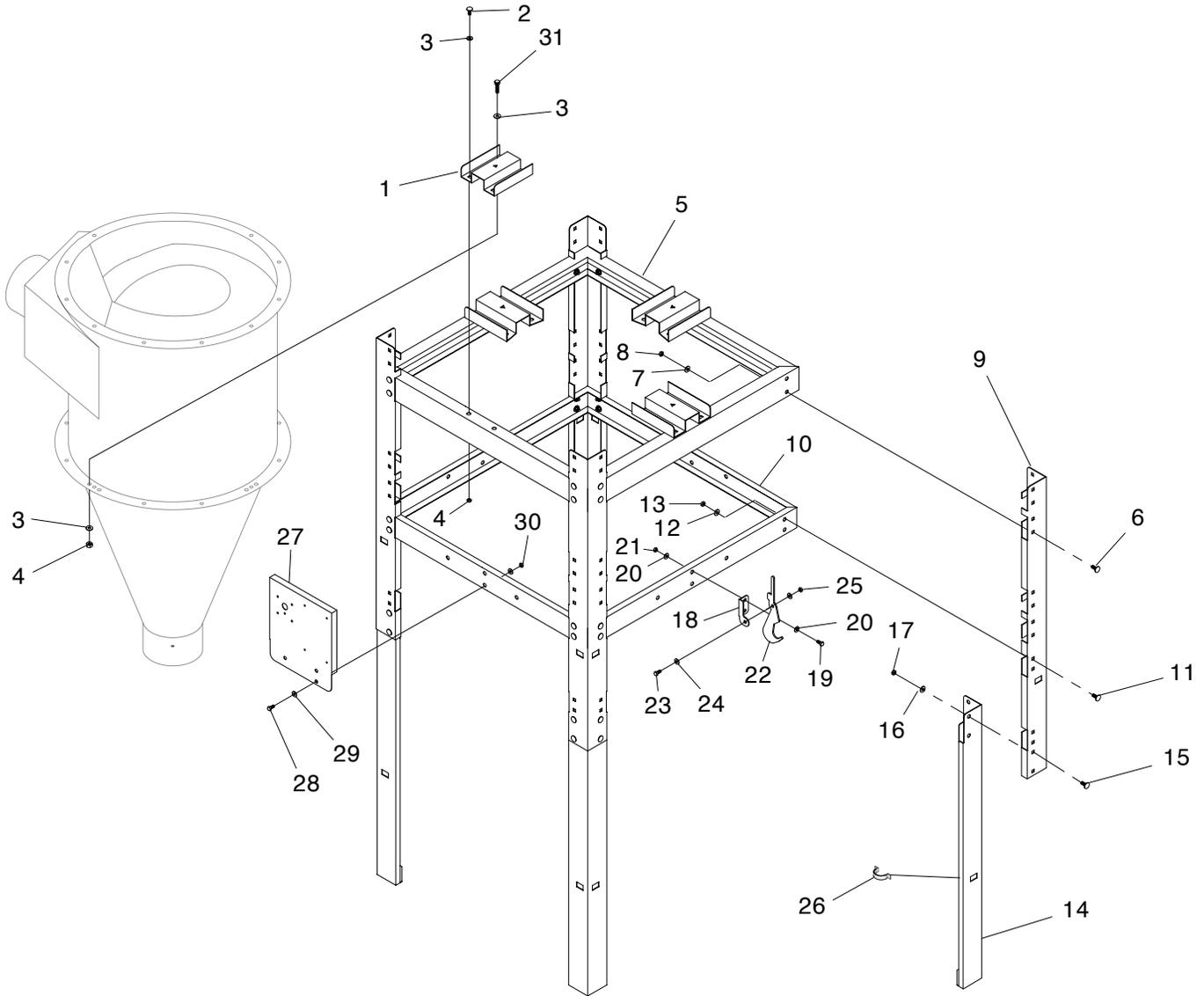
Note: Remaining 8" hose clamp is for securing woodworking machine dust hose to inlet port.



SECTION 2: PARTS

We do our best to stock replacement parts when possible, but we cannot guarantee that all parts shown are available for purchase. Call (800) 523-4777 or visit www.grizzly.com/parts to check for availability.

Main



Main Parts List

REF	PART #	DESCRIPTION
1	PH7509Z001	MOUNTING BRACKET
2	PH7509Z002	CARRIAGE BOLT 5/16-18 X 3/4
3	PH7509Z003	FLAT WASHER 5/16
4	PH7509Z004	HEX NUT 5/16-18
5	PH7509Z005	UPPER STAND BRACE
6	PH7509Z006	CARRIAGE BOLT 5/16-18 X 3/4
7	PH7509Z007	FLAT WASHER 5/16
8	PH7509Z008	HEX NUT 5/16-18
9	PH7509Z009	UPPER STAND LEG
10	PH7509Z010	LOWER BRACKET BRACE
11	PH7509Z011	CARRIAGE BOLT 5/16-18 X 3/4
12	PH7509Z012	FLAT WASHER 5/16
13	PH7509Z013	HEX NUT 5/16-18
14	PH7509Z014	LOWER STAND LEG
15	PH7509Z015	CARRIAGE BOLT 5/16-18 X 3/4
16	PH7509Z016	FLAT WASHER 5/16

REF	PART #	DESCRIPTION
17	PH7509Z017	HEX NUT 5/16-18
18	PH7509Z018	HANDLE HOOK BASE
19	PH7509Z019	HEX BOLT 3/8-16 X 1
20	PH7509Z020	FLAT WASHER 3/8
21	PH7509Z021	LOCK NUT 3/8-16
22	PH7509Z022	HANDLE HOOK
23	PH7509Z023	HEX BOLT 3/8-16 X 1
24	PH7509Z024	FLAT WASHER 3/8
25	PH7509Z025	LOCK NUT 3/8-16
26	PH7509Z026	VACUUM HOSE CLIP 2-1/2"
27	PH7509Z027	SWITCH BOX BASE PANEL
28	PH7509Z028	HEX BOLT 3/8-16 X 3/4
29	PH7509Z029	FLAT WASHER 3/8
30	PH7509Z030	HEX NUT 3/8-16
31	PH7509Z031	HEX BOLT 5/16-18 X 1



WARRANTY & RETURNS

Grizzly Industrial, Inc. warrants every product it sells for a period of **1 year** to the original purchaser from the date of purchase. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs or alterations or lack of maintenance. This is Grizzly's sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. We do not warrant or represent that the merchandise complies with the provisions of any law or acts unless the manufacturer so warrants. In no event shall Grizzly's liability under this warranty exceed the purchase price paid for the product and any legal actions brought against Grizzly shall be tried in the State of Washington, County of Whatcom.

We shall in no event be liable for death, injuries to persons or property or for incidental, contingent, special, or consequential damages arising from the use of our products.

The manufacturers reserve the right to change specifications at any time because they constantly strive to achieve better quality equipment. We make every effort to ensure that our products meet high quality and durability standards and we hope you never need to use this warranty.

In the event you need to use this warranty, contact us by mail or phone and give us all the details. We will then issue you a "Return Number," which must be clearly posted on the outside as well as the inside of the carton. We will not accept any item back without this number. Proof of purchase must accompany the merchandise.

Please feel free to write or call us if you have any questions about the machine or the manual.

Thank you again for your business and continued support. We hope to serve you again soon.

To take advantage of this warranty, you must register it at <https://www.grizzly.com/forms/warranty>, or you can scan the QR code below to be automatically directed to our warranty registration page. Enter all applicable information for the product.



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