



MODEL G0863 GRIZZLY GROWLER CYCLONE SEPARATOR INSTRUCTIONS

For questions or help with this product contact Tech Support at (570) 546-9663 or techsupport@grizzly.com

Introduction

The Grizzly Growler creates a cyclone of incoming air that separates heavy wood chips and large dust particles, increasing the performance of your single-stage dust collector, and resulting in less suction loss from dirty or clogged filters.

Inventory

Description	Qty
A. Collection Drum.....	1
B. Cyclone Funnel w/Band Clamp.....	1
C. Intake Barrel.....	1
D. Vacuum Hose 1½" x 67".....	1
E. Outlet Reducer 7" x 6".....	1
F. Collection Drum Lid.....	1
G. Vacuum Ring.....	1
H. Inlet Adapter 6" x 4" x 2.....	1
I. Universal Reducer.....	1
J. Frame Arches.....	2
K. Base Arch.....	1
L. Frame Legs.....	4
M. Connectors.....	6
N. Base Legs.....	2
O. Open-End Wrench 10/12mm.....	1
P. Hex Bolts 5/16"-18 x 1¼" (Stand).....	32
Q. Flange Nuts 5/16"-18 (Stand).....	32
R. Flat Washers 5/16" (Stand).....	24
S. Lock Nuts M4-.7 (Latches).....	8
T. Flange Bolts ¼"-20 x ¾" (Funnel).....	4
U. Flange Bolts ¼"-20 x ½" (Funnel).....	2
V. Phillips Head Screws M4-.7 x 8 (Latches)..	8
W. Hex Nuts 5/16"-18 (Stand Casters).....	4
X. Flange Nuts ¼"-20 (Funnel).....	6
Y. Casters, 2" Swivel Ball.....	8
Z. Acorn Nuts ¼"-20 (Handle).....	2
AA. Flange Screws 10-24 x 3/8"	
—Intake Adapter.....	1
—Inlet Adapter.....	1
AB. Phillips Hd. Screws ¼"-20 x 5/8" (Handle)...	2

AC. Collection Drum Latches.....	2
AD. Hose Clamps 1½".....	2
AE. Handle.....	1
AF. End Caps.....	2
AG. Plastic Bag 30" x 41" (not shown).....	1

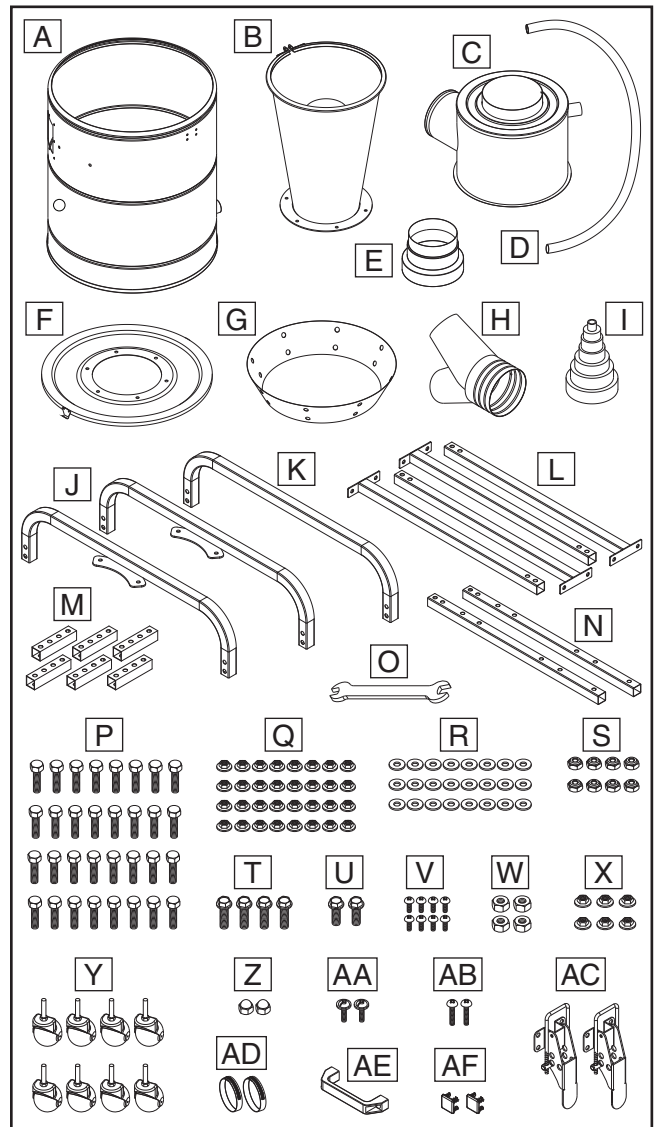


Figure 1. Inventory.

Specifications

Recommended Horsepower Range 1.5–3 HP
 Airflow Range 750–2300 CFM
 Outlet Size 7 in.
 Inlet Size 6 in.
 Max. Material Collection Capacity 20 Gal.

Needed for Setup

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

Description	Qty
• Safety Glasses	1
• Open-End Wrenches $\frac{7}{16}$ "	2
• Open-End Wrenches 7, 10mm	1
• Phillips Head Screwdriver #2	1
• Level 36"	1



Assembly

1. Locate base arch (see **Figure 2**) and install (2) connectors.

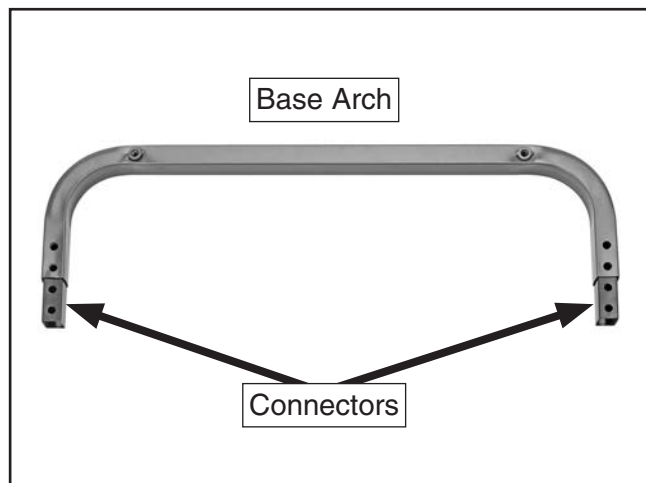


Figure 2. Connectors installed in base arch.

2. Align two holes in each connector with two holes in base arch (see **Figure 3**) and secure with (4) $\frac{5}{16}$ "-18 x $1\frac{1}{4}$ " hex bolts, $\frac{5}{16}$ " flat washers, and $\frac{5}{16}$ "-18 flange nuts. Only hand-tighten for now.

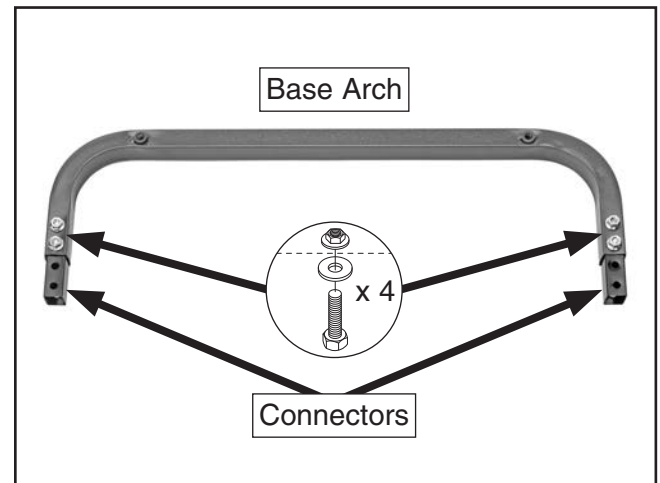


Figure 3. Connectors in base arch fastened in place.

3. Attach (2) base legs to base arch (see **Figure 4**) with (4) $\frac{5}{16}$ "-18 x $1\frac{1}{4}$ " hex bolts, $\frac{5}{16}$ " flat washers, and $\frac{5}{16}$ "-18 flange nuts. Only hand-tighten for now.
4. Install (1) end cap in the end of each base leg (see **Figure 4**).

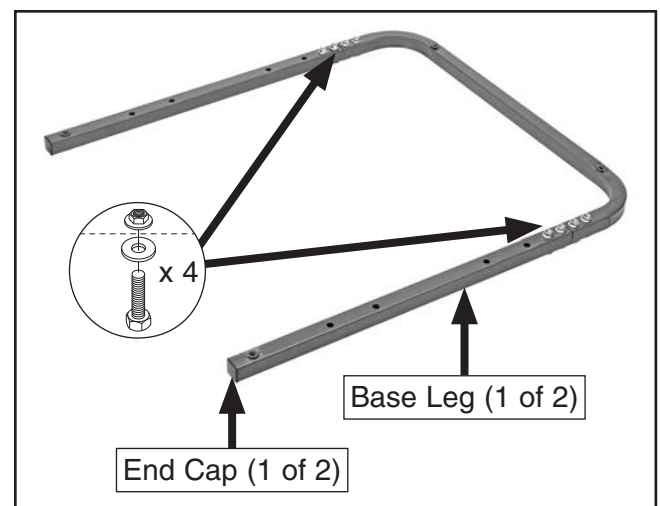


Figure 4. Base legs attached to base arch and end caps installed in legs.



5. Install (1) $\frac{5}{16}$ "-18 hex nut on each of (4) caster wheels, then install wheels on base, as shown in **Figure 5**.

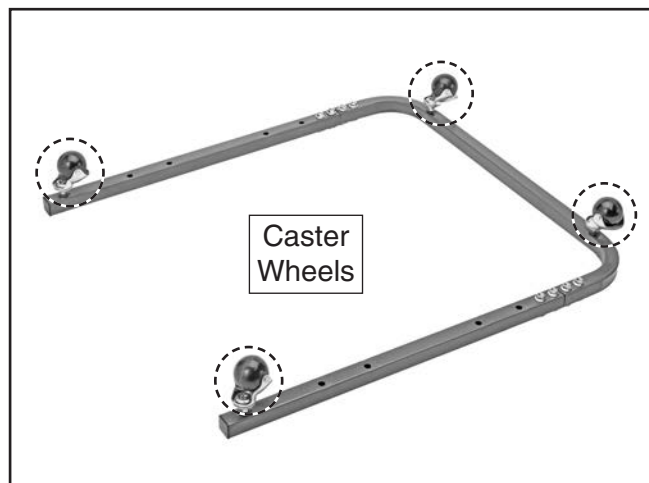


Figure 5. Caster wheels installed on base.

6. Position base rightside up, and adjust wheels until base sits level and does not rock. When satisfied, tighten hex nuts against base to secure position.
7. Locate (1) frame arch (see **Figure 6**) and install (2) connectors. Funnel bracket should be facing up, as shown below.

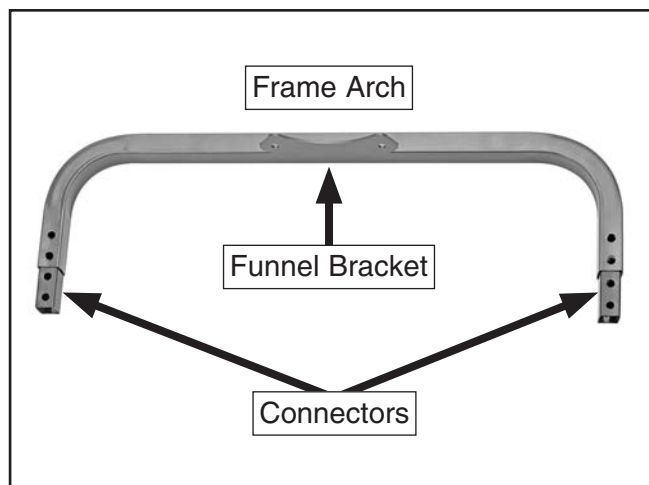


Figure 6. Connectors installed in frame arch.

8. Align two holes in each connector with two holes in frame arch (see **Figure 7**) and secure with (4) $\frac{5}{16}$ "-18 x $1\frac{1}{4}$ " hex bolts, $\frac{5}{16}$ " flat washers, and $\frac{5}{16}$ "-18 flange nuts. Only hand-tighten for now.

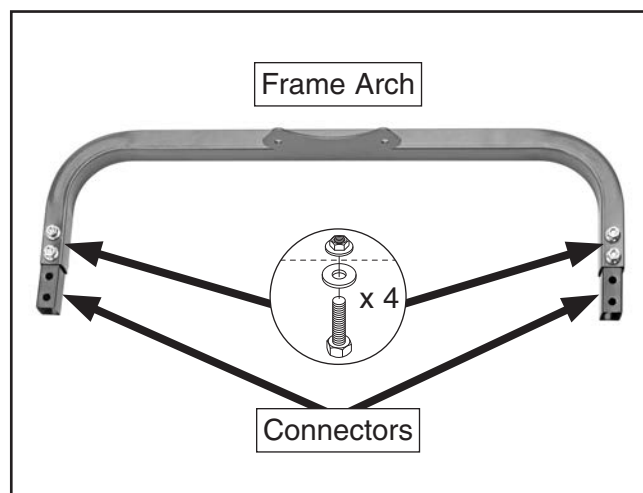


Figure 7. Connectors in frame arch fastened in place.

9. Attach (2) frame legs to frame arch (see **Figure 8**) with (4) $\frac{5}{16}$ "-18 x $1\frac{1}{4}$ " hex bolts, $\frac{5}{16}$ " flat washers, and $\frac{5}{16}$ "-18 flange nuts. Only hand-tighten for now.

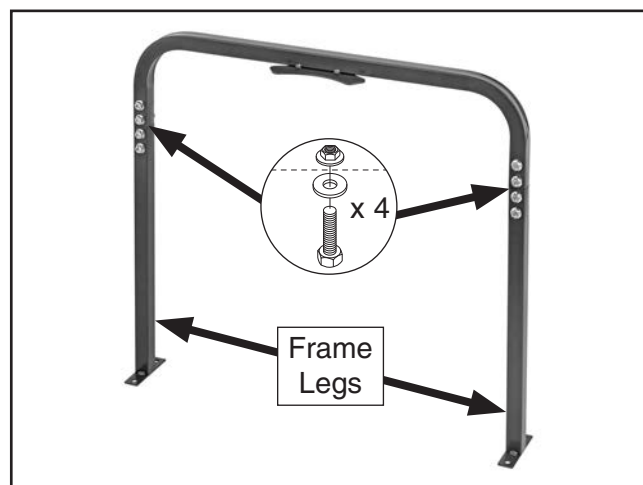


Figure 8. Frame legs attached to frame arch.



10. Repeat **Steps 7–9** with remaining (1) frame arch, (2) frame legs, and (2) connectors.
11. Install (2) assembled frames on base (see **Figure 9**) with (8) $\frac{5}{16}$ "-18 x $1\frac{1}{4}$ " hex bolts and $\frac{5}{16}$ "-18 flange nuts. Only hand-tighten for now.

Note: Assembled frames must be installed with funnel brackets facing each other, as shown in **Figure 9**.

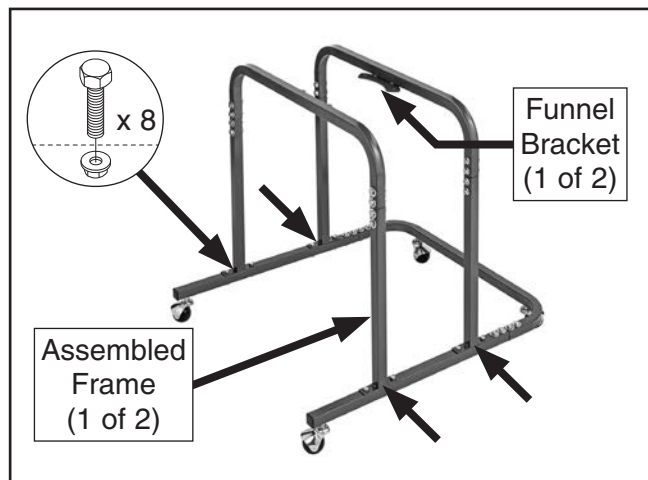


Figure 9. Assembled frames installed on base.

12. Align holes in cyclone funnel with holes in collection drum lid and position *under* funnel brackets (see **Figure 10**)

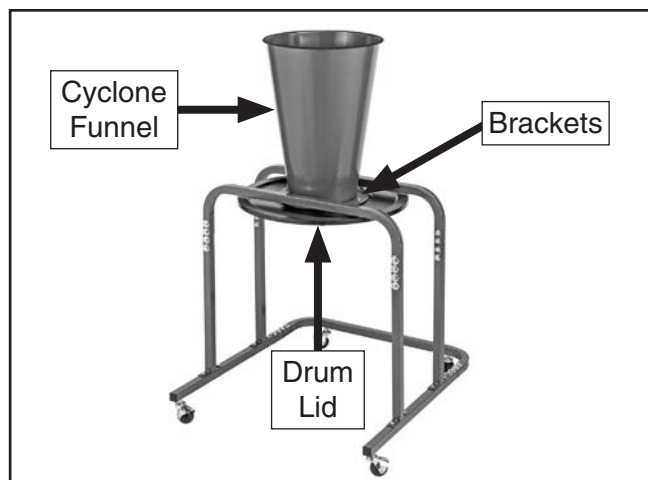


Figure 10. Cyclone funnel and collection drum lid positioned on stand.

13. Attach cyclone funnel and drum lid to funnel brackets (see **Figure 11**) with (4) $\frac{1}{4}$ "-20 x $\frac{3}{4}$ " flange bolts, (2) $\frac{1}{4}$ "-20 x $\frac{1}{2}$ " flange bolts, and (6) $\frac{1}{4}$ "-20 flange nuts.

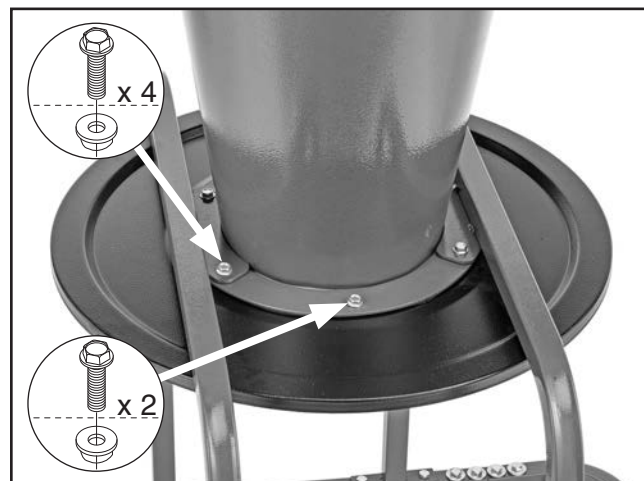


Figure 11. Funnel and drum lid attached to funnel brackets.

14. Tighten all fasteners installed in **Steps 2–13**.
15. Install (4) caster wheels on bottom of collection drum. Then attach handle to drum with (2) $\frac{1}{4}$ "-20 x $\frac{5}{8}$ " Phillips head screws and (2) $\frac{1}{4}$ "-20 acorn nuts (see **Figure 12**).

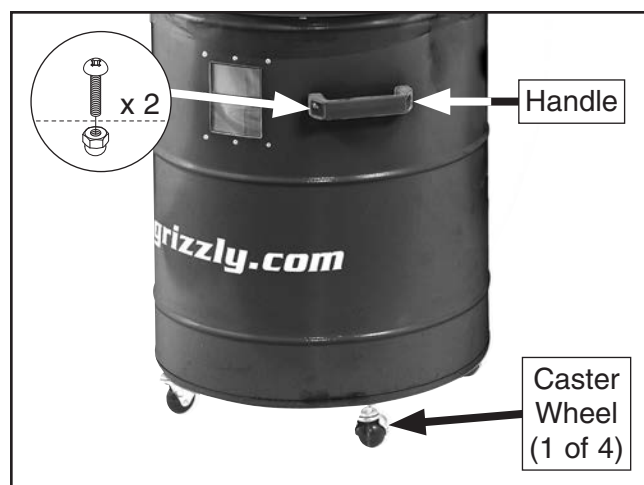


Figure 12. Handle and caster wheels installed on collection drum.



16. Install (2) collection drum latches with (8) M4-.7 x 8 Phillips head screws and (8) M4-.7 lock nuts (see **Figure 13**).

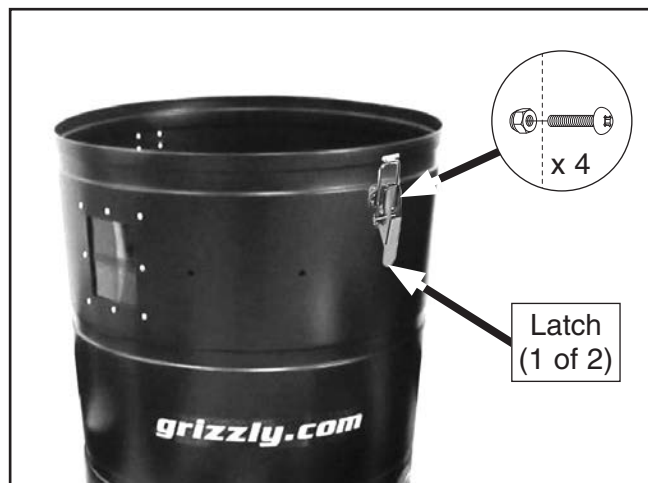


Figure 13. Latches installed on collection drum.

17. Place vacuum ring inside collection drum with smaller side of ring facing down, as shown in **Figure 14**.

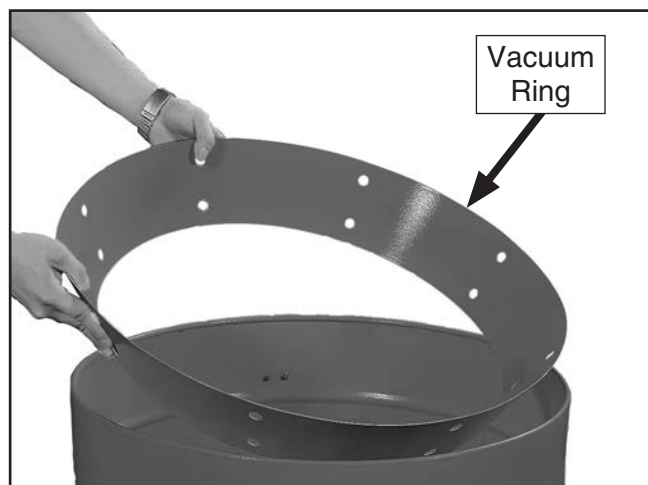


Figure 14. Placing vacuum ring inside collection drum.

18. Insert plastic dust bag inside collection drum, and fold excess length of bag over top of drum.

19. Position collection drum under drum lid, hook drum latches on lid tabs, and press latches down to secure (see **Figure 15**).



Figure 15. Collection drum secured against lid.

20. Loosen band clamp (see **Figure 16**) at top of cyclone funnel to reveal metal lip.

21. Place intake barrel on top of funnel (see **Figure 16**), then position clamp so band captures lip at top of funnel *and* lip at bottom of barrel. Tighten clamp to secure.

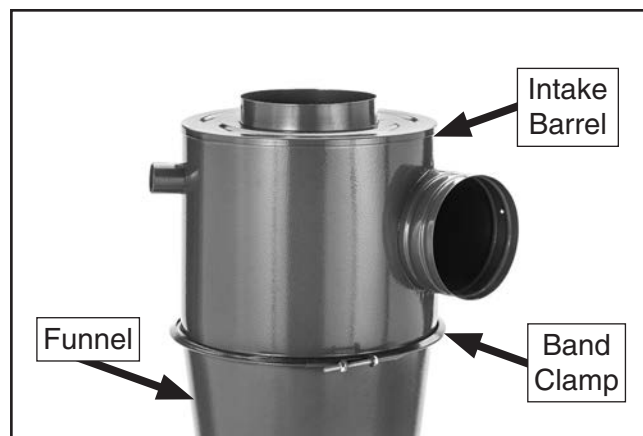


Figure 16. Intake barrel attached to funnel.



22. Install inlet adapter on dust port and secure with 10-24 x 3/8" flange screw (see **Figure 17**).

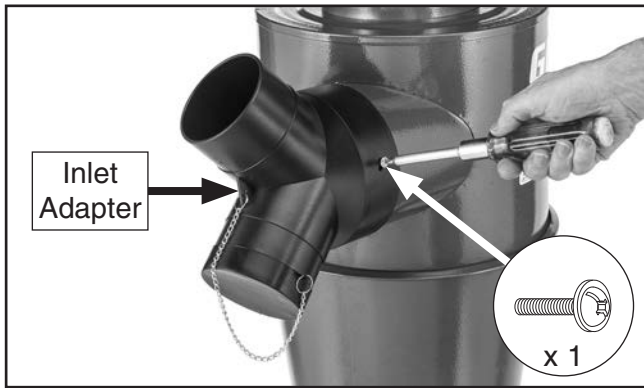


Figure 17. Installing inlet adapter on dust port.

23. Install outlet reducer (see **Figure 18**) on intake barrel with 10-24 x 3/8" flange screw.

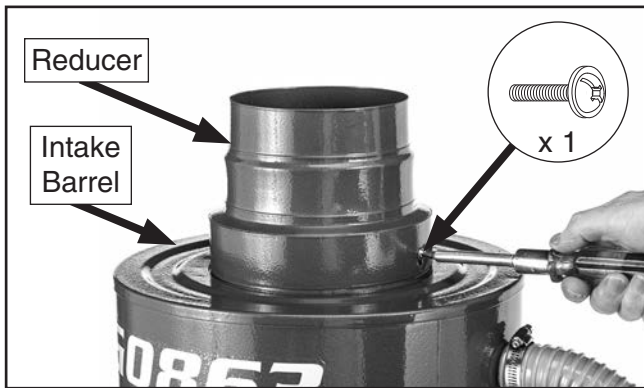


Figure 18. Installing reducer on intake barrel.

24. Place hose clamps over ends of vacuum hose, then attach one end of vacuum hose to intake barrel (see **Figure 19**) and other end to collection drum. Tighten clamps to secure hose.

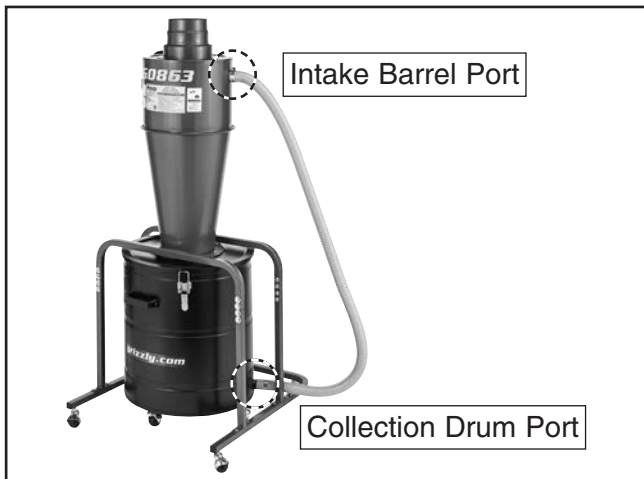


Figure 19. Vacuum hose attached to collection drum and intake barrel.

25. Route a dust hose from dust collector inlet (see **Figure 20**) to outlet on Grizzly Growler intake barrel. Then route a dust hose from Growler inlet to machine dust port. Secure both hoses with clamps.

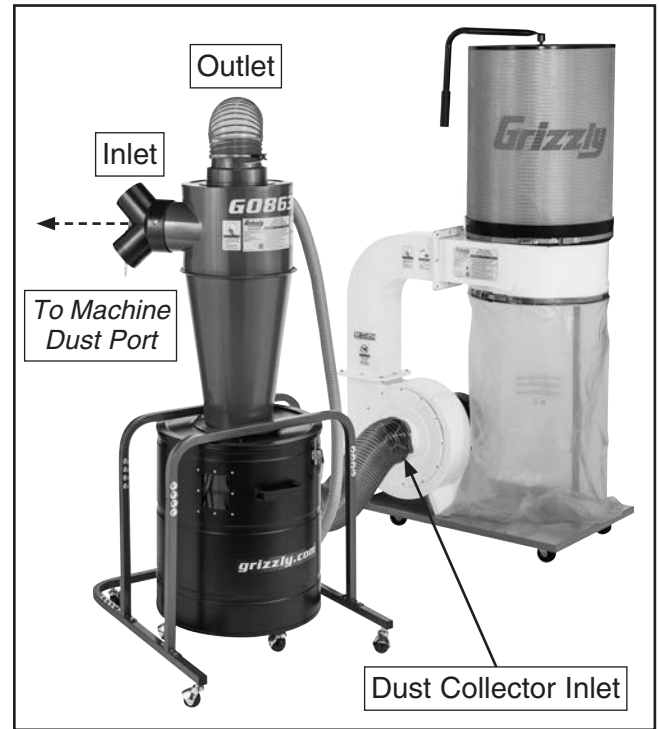
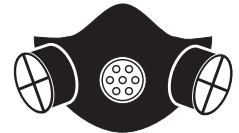


Figure 20. Example of Grizzly Growler properly connected to a dust collector.

⚠ WARNING

To reduce risk of eye injury from flying chips or lung damage from breathing dust, always wear safety glasses and a respirator when operating this machine.



Maintenance

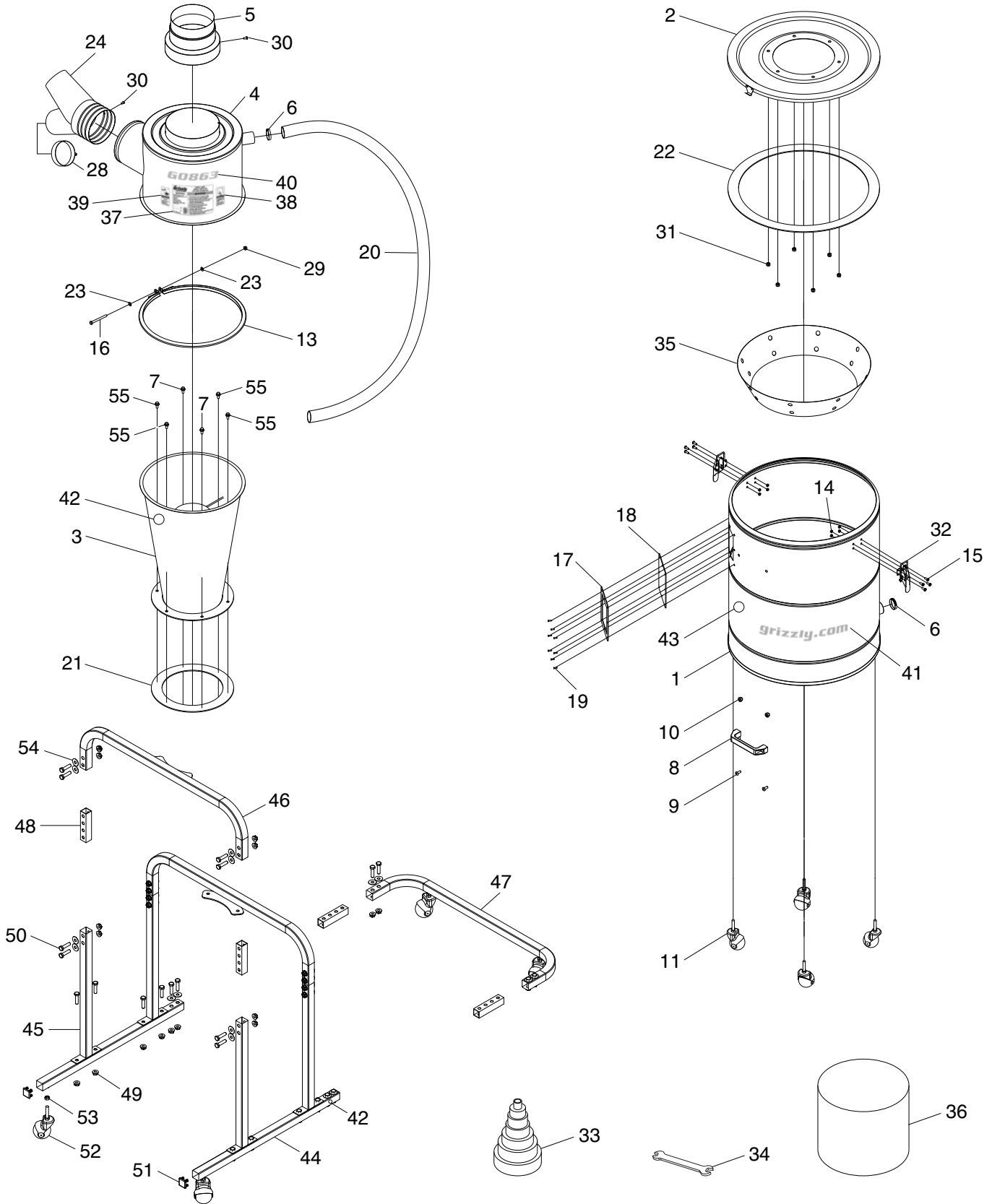
Dispose of the collection drum bag when 3/4 full, as seen in the drum window.

IMPORTANT: To contain wood dust and minimize risk of exposure, firmly tie bag closed.

If bag gets overfilled, dust will be sucked into the intake barrel and passed through to the dust collector filter. Check the drum window regularly to prevent excessive dust buildup in collection drum.



G0863 Parts Breakdown



Please Note: We do our best to stock replacement parts whenever possible, but we cannot guarantee that all parts shown here are available for purchase. Call (800) 523-4777 or visit our online parts store at www.grizzly.com to check for availability.

G0863 Grizzly Growler (Mfd. Since 6/21)



BUY PARTS ONLINE AT GRIZZLY.COM!
Scan QR code to visit our Parts Store.



G0863 Parts List

REF PART #	DESCRIPTION
1	P0863001 COLLECTION DRUM
2	P0863002 COLLECTION DRUM LID
3	P0863003 CYCLONE FUNNEL
4	P0863004 INTAKE BARREL
5	P0863005 OUTLET REDUCER 7" X 6"
6	P0863006 HOSE CLAMP 1-1/2"
7	P0863007 FLANGE BOLT 1/4-20 X 1/2
8	P0863008 HANDLE
9	P0863009 PHLP HD SCR 1/4-20 X 5/8
10	P0863010 ACORN NUT 1/4-20
11	P0863011 CASTER 2" SWIVEL BALL
13	P0863013 BAND CLAMP 45"
14	P0863014 LOCK NUT M4-.7
15	P0863015 PHLP HD SCR M4-.7 X 8
16	P0863016 HEX BOLT 1/4-20 X 2-1/2
17	P0863017 FOAM WINDOW GASKET
18	P0863018 COLLECTION DRUM WINDOW (POLYCARBONATE)
19	P0863019 RIVET 4 X 8MM ALUMINUM
20	P0863020 VACUUM HOSE 1-1/2" X 67"
21	P0863021 FOAM GASKET 850 X 35 X 3MM
22	P0863022 FOAM GASKET 1560 X 35 X 3MM
23	P0863023 FLAT WASHER 1/4
24	P0863024 INLET ADAPTER 6" X 4" X 2
28	P0863028 INLET CAP 4"
29	P0863029 FLANGE NUT 1/4-20
30	P0863030 FLANGE SCREW 10-24 X 3/8

REF PART #	DESCRIPTION
31	P0863031 FLANGE NUT 1/4-20
32	P0863032 DRUM LID LATCH
33	P0863033 UNIVERSAL REDUCER
34	P0863034 WRENCH 10 X 12MM OPEN-ENDS
35	P0863035 VACUUM RING
36	P0863036 PLASTIC BAG 30" X 41"
37	P0863037 MACHINE ID LABEL
38	P0863038 READ MANUAL LABEL
39	P0863039 EYE/LUNG INJURY LABEL
40	P0863040 MODEL NUMBER LABEL
41	P0863041 GRIZZLY.COM LABEL
42	P0863042 TOUCH-UP PAINT, GRIZZLY GREEN
43	P0863043 TOUCH-UP PAINT, GLOSSY BLACK
44	P0863044 BASE LEG
45	P0863045 FRAME LEG
46	P0863046 FRAME ARCH
47	P0863047 BASE ARCH
48	P0863048 CONNECTOR
49	P0863049 FLANGE NUT 5/16-18
50	P0863050 HEX BOLT 5/16-18 X 1-1/4
51	P0863051 SQUARE PLUG 1"
52	P0863052 CASTER 2" SWIVEL BALL
53	P0863053 HEX NUT 5/16-18
54	P0863054 FLAT WASHER 5/16
55	P0863055 FLANGE BOLT 1/4-20 X 3/4

WARNING

Safety labels help reduce the risk of serious injury caused by machine hazards. If any label comes off or becomes unreadable, the owner of this machine **MUST** replace it in the original location before resuming operations. For replacements, contact (800) 523-4777 or www.grizzly.com.

