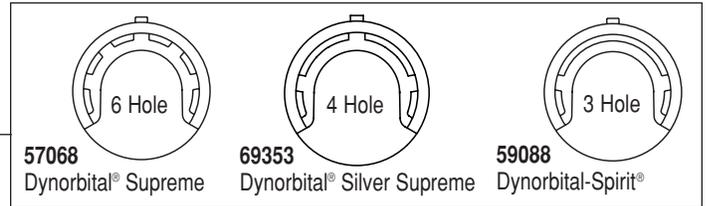
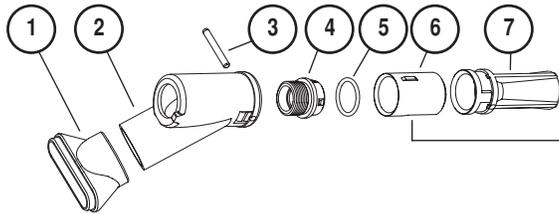


Vacuum Conversion Instructions

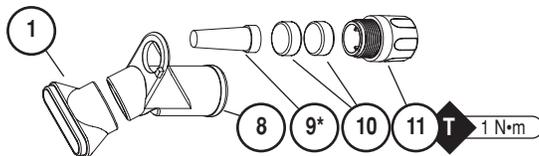
For Use With All Dynorbital® Supreme / Dynorbital® Silver Supreme / Dynorbital-Spirit® Models

Typical Machine Exhaust Assemblies

Self Generated Vacuum (Vac-Ready)/Machine Exhaust

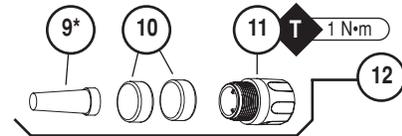


Central Vacuum/Machine Exhaust



T Torque: N•m x 8.85 = In. - lbs.

Non-Vacuum/Machine Exhaust



Non-Vacuum to Vacuum Conversion Kits

Original Non-Vac Tool	Converts to	Kit Part Number
3", 3-1/2"	Self-Generated Vac-Ready	57118
3", 3-1/2"	Central Vac-Ready	57119
5"	Self-Generated Vac-Ready	57120
5"	Central Vac-Ready	57121
6"	Self-Generated Vac-Ready	57122
6"	Central Vac-Ready	57123

Index Key

No.	Part #	Description
1	69364	Shroud Adapter
2	57083	Vacuum Adapter
3	96197	Dowel Pin
4	57066	Muffer Body
5	95526	O-Ring
6	Vacuum Nozzle	
	57068	(Dynorbital® Supreme)
	69353	(Dynorbital® Silver Sup.)
	59088	(Dynorbital-Spirit®)
7	57067	Vac Tube
8	57093	Central Vacuum Adapter
9*	57065	Cone Muffer
10	56027	Muffer Insert
		Muffer Insert
		Qty 2 (Dynorbital® Supreme)
		Qty 3 (Dynorbital® Silver Sup.)
		Qty 2 (Dynorbital-Spirit®)
11	69359	Muffer Body
12	Muffer Assembly	
	69274	(Dynorbital® Supreme)
	69273	(Dynorbital® Silver Sup.)
	69272	(Dynorbital-Spirit®)

*Note: 57065 Cone Muffer are specific to Dynorbital® Supreme models only.

Vacuum Conversion Instructions

To Disassemble:

1. Disconnect tool from power source. Invert machine and secure in vise, using **57092** Collar (supplied in **57098** Repair Kit) or padded jaws.
2. Remove sanding pad with **50679** (26 mm) Open-End Wrench (supplied with sander) and lip-seal shroud from housing.
3. Remove **56028** Muffer Cap and **56027** Muffer Inserts from **57066** Muffer Body. Using the 12 mm hex wrench (supplied in **57098** Repair Kit), remove **57066** Muffer Body from housing. Or using the 3/4" socket (supplied in **57098** Repair Kit), remove **69359** Muffer Body from the housing. (Not applicable for Self-Generated Vac to Central Vac).

Non-Vac to Self-Generated Vac for Hook-Up to Self-Contained Dust Collection System

1. Attach **57083** Vacuum Adapter to either **57084** or **57086** or **57087** Vacuum Overskirts or **69364** Shroud Adapter with either **69362** or **69363** Vacuum Shrouds. Then attach to the housing making sure the protrusions on the overskirt or shroud are aligned with the notches on the housing.
2. Place **95526** O-Ring on the muffer body between the shoulder and the four (4) protrusions. Using a 12 mm hex wrench, attach the muffer body and o-ring to the housing through the vacuum adapter.
3. Place vacuum nozzle into the vacuum adapter with the slots facing outward making sure that the knob on the nozzle is aligned with the slot in the adapter.
4. Place **57067** Vacuum Tube into the vacuum adapter with the grooves facing inward as far as it will go.
5. Rotate tube until holes line up. Insert dowel pin in holes until it is centered. Attach sanding pad, attach machine to portable dust collection system.

Non-Vac to Central Vac

1. Attach **57093** Central Vacuum Adapter to either **57084** or **57086** or **57087** Vacuum Overskirts or **69364** Shroud Adapter with either **69362** or **69363** Vacuum Shrouds. Then attach to the housing making sure the protrusions on the overskirt or shroud are aligned with the notches on the housing.

(continued on next page)

Vacuum Conversion Instructions - (Continued)

- Using the 3/4" socket attach 69359 Muffler Body with the inserts to the housing through the central vacuum adapter.
- Attach weight-mated vacuum sanding pad with 50679 (26 mm) Open-End Wrench. Attach machine to central vacuum system.

Self-Generated Vac to Central Vac

- Remove 96197 Dowel Pin with an 1/8" drive pin. Remove 57067 Vacuum Tube from 57083 Vacuum Adapter by turning it clockwise while pulling backward.
- Using a small flat screwdriver, pry vacuum nozzle until it is loose and then remove it by using two fingers to push and pull it until it can be removed from the vacuum adapter.
- Using a 12 mm hex wrench (supplied in 57098 Repair Kit), remove the 57066 Muffler Body and 95526 O-Ring from the housing through the adapter. Remove the o-ring from the muffler body.
- Remove 57083 Vacuum Adapter and attach 57093 Central Vacuum Adapter to either 57084 or 57086 or 57087 Vacuum Overskirts or 69364 Shroud Adapter with either 69362 or 69363 Vacuum Shrouds. Then attach to the housing making sure that the protrusions on the overskirt or shroud are aligned with the notches on the housing.
- Using the 3/4" socket attach 69359 Muffler Body with the inserts to the housing through the central vacuum adapter.
- Attach weight-mated vacuum sanding pad with 50679 (26 mm) Open-End Wrench. Attach machine to central vacuum system.

Central Vac to Self Generated Vac

- Remove 57093 Central Vacuum Adapter and put the 57083 Vacuum Adapter in its place.
- Place 95526 O-Ring on the muffler body between the shoulder and the four (4) protrusions. Using a 12 mm hex wrench (supplied in 57098 Repair Kit), attach the muffler body and o-ring to the housing through the vacuum adapter.
- Place vacuum nozzle into the vacuum adapter with the slots facing outward making sure that the knob on the nozzle is aligned with the slot in the adapter.
- Place 57067 Vacuum Tube into the vacuum adapter with the grooves facing inward as far as it will go.
- Rotate tube until holes line up. Insert dowel pin in holes until it is centered. Attach sanding pad, attach machine to portable dust collection system.

Optional Accessories

Self-Contained Dust Collection Systems

Easily Attach to Air Powered Dynorbital Self-Generated Vac-Ready Models

Vacuum hoses, air lines and dust collection receptacles may be ordered separately.

50694

Mini-Reusable Felt Bag

- New bag design features a one micron filter rating. Bag traps over 99% of vacuum particles one micron or larger.
- 11" (280 mm) long x 3" (76 mm) wide. End opens up - no need to remove bag from tool when emptying.



95986

Hose Cover

- 5' (1524 mm) long cloth cover.
- Covers air line and exhaust/vacuum hoses (not included).
- Eliminates damage from hoses dragging on the workpiece.



54290

"Bag-in-Box" System

- 95361 Air Line 5' (1524 mm) long.
- 50682 Flex-Hose 1" diameter x 6' (183 cm) long.
- 95575 Durable Box Receptacle (to house bag and store tool). Sample paper bag included.
- Paper bag reorder: 50692 (400/case) or 50693 (24 per package.)



50683

Reusable Felt Bag (Hook 'n Loop End)

- New bag design features a one micron filter rating. Bag traps over 99% of vacuum particles one micron or larger.
- 14-1/2" (368 mm) long x 7-1/2" (191 mm) wide.



54284

Mini-Flex-Hose System

- 95580 Air Line 1/4" dia. x 28" (711 mm) long.
- 50638 Flex-Hose 1" dia. x 18" (457 mm) long.
- 50694 Mini-Reusable Felt Bag.



56304

Reusable Felt Bag (Zipper-Lock End)

- New bag design features a one micron filter rating. Bag traps over 99% of vacuum particles one micron or larger.
- 14-1/2" (368 mm) x 7-1/2" (191 mm) wide.



50617 and 56303

6' (1829 mm) Long Flex-Hose Systems

- Both systems include 6' (1829 mm) long 50682 Flex-Hose.
- Shown with optional 95361 Air Line (1/4" [8 mm] dia.).
- 50617: Has 50683 Bag.
- 56303: Has 56304 Bag.



Overskirt Shrouds

- Replace standard lip-seal shrouds in seconds.
- Protects pad edges when working near workpiece sides, maximizes dust pick-up on vacuum models.

For Dynorbital® Sanders

- Has built-in vacuum port.
- 57084 - 3" (76 mm), 3-1/2" (89 mm) dia.
- 57086 - 5" (127 mm) dia.
- 57087 - 6" (152 mm) dia.



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