

Dust Separator Parts List and Assembly Instructions

QTY	Description	Part#	Cost
1	Dust Deputy 2.5 Plus	DD2.5 PLUS	\$95.00
1	Ridged 14 GAL NXT Vacuum	HD1400	\$110.00
1	2.5" Expanding Hose 3-20FT	PW515	\$37.00
1	2.5" Hose Ends (2pk)	SVR-4515	\$10.00
2	5 Gallon Paint Cans		
4	1.5" ABS Caps		
4	1.5" ABS Couplings		
4	1.5" x 19"L, ABS Pipes		
1	Can ABS Pipe Cement		
1	21" Round of 1/2" Plywood		
4	1/4-20 T-Nuts		
4	1/4-20 x 1" Hex Bolts		
4	1/4" washers		
8	#8 x 1/2" Self-Tapping Metal Screws		
4	#8 Washers		
misc	1/2" plywood scraps		

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1. Cut 4 lengths of ABS pipe to 19" long.
2. Drill a 5/16" hole in the center of each ABS pipe cap.
Insert T-Nut from inside and hammer home.
3. Cement caps on one end and couplings on other end of pipes.
4. Cut a 21" diameter round of plywood
5. Drill 4 each 5/16" holes in plywood round evenly spaced and 1-1/4" in from edge. (Holes intentionally oversized)
6. Loosely attach plywood round with 1/4-20 screws and washers to cap ends of pipes. (see photo #1)
7. Slide pipe couplings over feet of vacuum. Secure couplings to feet with #8 screws. (see photo #2 & #3)
8. Snug the 1/4-20 bolts on plywood round.
9. Cut handle from 1 bucket. Cut 1" hole on side near bottom on same bucket. (Hole relieves vacuum during extraction of second bucket) (see photo #4)
10. Using 4 each #8 screws with washers, center above bucket on plywood round and secure. (see photo #4)
11. Drop some plywood scraps in bottom of first bucket to slightly elevate second bucket. (see photo #4)
12. Slip second bucket inside of first. It should be easy to extract again.
13. Attach DD2.5 with its own bucket lid to second bucket.
14. Using supplied DD2.5 hose, attach inlet of vacuum to top of DD2.5 (photo #5)
15. Attach 2.5" expanding hose to top of DD2.5 and to LM MK2 Dust Boot.
16. Support expanding hose from above with bungees or rope to allow free travel of router over MK2 work surface.
17. Mark plywood round with Sharpie location and direction of vacuum exhaust. Similarly mark location of ON/OFF switch of vacuum. (see photo).
18. To empty dust from DD2.5, remove both hoses and bucket lid. Extract upper bucket and properly dispose of dust.
19. To empty vacuum, remove 4 each 1/4-20 bolts and lift off dust separator assembly and place to side. Remove vacuum motor and dump sawdust, etc from roller bucket.

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Photo #1

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Photo #2

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Photo #3



Photo #4

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Photo #5 Completed Dust Separator