

SUPER 67D CLEANER PARTS SET UP WITH BRUSH SCREEN CLEANING

PAGE NUMBER	DESCRIPTION
.....1	Front Air Damper.....
.....2	Back Air Damper.....
.....3	Top Fan Shaft.....
.....4	Top Air Discharge Valve.....
.....4A	Top Air Discharge Auger.....
.....5 & 6	Does Not Apply To This Manual
.....7	Brush Adjusting System
.....8	Tilting Rod Assembly.....
.....9	Rope Sheave Assembly
.....10	Brush Carriage Assembly
.....11 & 12	Bottom Fan Shaft.....
.....13 & 14	Does Not Apply To This Manual
.....15A	Eccentric Shaft.....
.....16	Eccentric Shaft.....
.....17 & 18	Does Not Apply To This Manual
.....19	Bottom Shoe Assembly.....
.....20	Does Not Apply To This Manual
.....21	Screen Hooks.....
.....22	Telescoping Aprons.....
.....23	Catchall Spout.....
.....24	Adjustable Belt Take-Ups.....
.....25A	Bottom Fan Metal
.....26	Air Trunk Assembly
.....27 - 29	Does Not Apply To This Manual

SUPER 67D CLEANER PARTS SET UP WITH BRUSH SCREEN CLEANING

PAGE NUMBER	DESCRIPTION
.....30	Rocker Assembly View.....
.....31 & 32	Does Not Apply To This Manual
.....33	Bottom Shoe Assembly.....
.....34 Thru 42	Does Not Apply To This Manual
.....43	Scalper Shoe Assembly.....

Top Fan Section

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
All	26	F05016375	1	Air Trunk Assembly Complete (Includes Below)
5	3	F01600700	1	1-11/16" X 57-3/4" Top Fan Shaft
10	3	F92401110	2	1-11/16" Bore Pillow Block Bearing
18	3	F05500600	2	High Static Fan Wheel with 6" Wide Blade, 1-11/16" Bore
215	26	F05502201	1	Right Side Top Fan Housing Assembly (Includes 2 Sides & Metal)
215	26	F05502202	1	Left Side Top Fan Housing Assembly(Includes 2 Sides & Metal)
15	1	F05003900	2	Top Fan Bleeder Inlet Slide Assembly
12	1	F04303118	1	Adjusting handle & Crank (18" Long for top air)
**	1	F04001600	1	Hand Crank Handle with wood Knob
4	1	F05313000	2	Adjusting handle shaft Bearing
	1	F05003713	2	Air Valve Damper with End Castings
	1	F01013500	1	Valve Control Assy Complete (Includes Below)
1	1	F01005500	2	Universal Joint
9	1	F01805800	2	6" Threaded Screw Shaft with 5/8" Shank
13	1	F04313500	2	Swivel Plate (bolts to wood side)
**	1	F04313100	2	Plain Pivot Nut
14	1	F04314800	2	Swivel Arm Pivot Lever
**	1	F0431300	2	Threaded Pivot Nut

TOP AIR 5" AUGER DISCHARGE ASSEMBLY

On Newer Machines

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
505	ALL 4A	F12500061	1	5" Discharge Auger Complete w/Rotary Vane, (Right Hand)
504	4A	F12900234	1	5" Shaft with Flighting 1-3/16" x 63-3/4"
505	ALL 4A	F12500073	1	5" Discharge Auger Complete w/Rotary Vane, (Left Hand)
504	4A	F12900334	1	5" Shaft with Flighting 1-3/16" x 63-3/4"
509	4A	F12500700	1	Rotary Vane
508	4A	F92400002	2	Bronze-Oil Bearing For Rotary Vane
501	4A	F92460301	2	1-3/16" Bore Bearing Insert
502	4A	40000005	4	Flangette Stamping For Above Bearing
507	4A	F01907320	1	16 Tooth Sprocket 1-3/16" Bore
506	4A	F92604124	1	24 Tooth Sprocket 1" Bore
500	4A	F93041000	2.2	#41 Roller Chain (In Feet)
503	4A	F93000005	1	#41 Chain Connector

****Refers to the previous listing number. May give parts within that assembly, right side-left side numbers, or numbers for parts that are specific to RH or LH**

TOP AIR DISCHARGE VALVE ASSEMBLY

On Some Older Machines

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
	4	F04500000	1	Discharge Valve Assembly Complete
22	4	F04800010	1	Hinged Gate Weldment
**		F04600510	1	Gate Board
**		F92700004	2	Gate Springs
23	4	F04501401	1	#9 Valve Roll Assembly with Flanges(25-7/8" Long See Note Below)
186	4	F92460200	2	1" Bearing Insert
25	4	40000038	4	Flangette Stamping For Above Bearing
20	4	F01618000	1	Top Valve Shaft 1" X 48"
		Not Available	1	Right Hand Top Air Discharge Spout
		Not Available	1	Left Hand Top Air Discharge Spout

**Special Note On Some Older Machines a Shorter Roll & Valve Assembly was Used
Which Was 24-1/2" Long. Please Measure Roll Length
BRUSH SCREEN CLEANING SYSTEM**

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
38	7	F01004901	3	Brush Adjusters - Idler Side (Left Hand Side)
**	7	F01004902	3	Brush Adjusters - Idler Side (Right Hand Side)
43	7	F01106300	3	Idler Arm Support
43A	7	F82080060	3	Bolt for Brush Adjusters (Both Sides)
39		Not Available		Brush Adjusters - Control Side (Left Hand Side)
**	7	F01003002	3	Brush Adjusters - Control Side (Right Hand Side)
42	7	F01105400	3	Adjustments Handle with Spring, About 12" Long
42A	7	F82080060	3	Bolt for Brush Adjusters (Both Sides)
41	9	F01104300	6	One Hole Plate with 1-5/8" Bore
51	9	F11807001	2	Straight Jack Plate
**	9	F01000200	12	Rope Sheave Assembly Complete (Includes Below)
46	9	F01401300	1	3" Rope Sheave Only with Bushing
50	9	F01802401	1	Rope Sheave Axle with Hardware
40	9	F01101500	1	Rope Sheave Bracket Only
54	10	F09500600	2	Brush Carrier Assembly 15" x 27" with Rollers (Brushes not included)
53	10	F09501400	4	Brush Carrier Roller for 1-3/16" Shaft
56	10	F09802401	4	Carrier Roller Axle with Hardware
	10	F10000020	4	31" Black Course Brushes
	10	F10000010	4	31" White Fine Brushes (Used on Wire Mesh Screens)
		F09500400	1	Brush Carrier Assembly 15" x 12" with Rollers (Brushes not included)
53	10	F09501400	2	Brush Carrier Roller for 1-3/16" Shaft
56	10	F09802401	2	Carrier Roller Axle with Hardware
	10	F10001420	2	15" Black Course Brushes (Cut 31" Brush in Half)
48	10	F01612107	3	Brush Carrier Shaft 1-3/16" X 44"
55	10	F09800100	3	2 Piece Cable Clamps
57	10	F09800000	3	Rope Clamp Bracket (Welded To Brush Carriage)
		F97700003	45	Wirelon Plastic Coated Steel Cable (In Feet)

BOTTOM FAN ASSEMBLY

With 1-1/2" Shaft

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
59	12	F01632400	1	Fan Shaft 1-1/2" X 59" (Includes Keys)
71	12	F19803601	2	3/8" X 5" Keys
		Not Available	2	6715 Halfmoon Bridgetree Housing with Bearing
		F92400022	2	Bearing <u>Insert Only</u> for Above
Note: If housing is bad Items 72 & 62 must be substituted				
72	11	F92401080	2	1-1/2" Pillow Block Bearing
62	11	F02707300	2	Bridgetree Mounting Angle for Bearing
68	11	F19701100	1	9" Diameter 1-1/2" Bore Stationary Disc With Set Screws
69	11	F19700900	1	9" Diameter 1-1/2" Bore Spring End Disc
70	11	F92700007	1	10" Heavy Duty Spring
67	11	F19700800	1	Hand Nut for 1-1/2" Shaft
513	15A	F91180017	1	ATF 17 Variable Air Regulator Belt(1-7/8" x 79")
61	12	F97700052	2	Tapered Fan Entry Cones
**	12	F06002682	1	Bottom Fan Assembly Complete(includes 60,63 & Bolts)
60	12	F01701104	4	Wooden Fan Blades 35-5/8"
63	12	F06001000	4	Spider Fan Arms 1-1/2" Bore
201	25	F06302010	1	Bottom Drum Iron
203	25	F06302110	1	Discharge Chute 4"
204	25	F06303700	1	Breast Iron

BOTTOM FAN ASSEMBLY

With 1-3/16" Shaft

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
59	12	F01608000	1	Fan Shaft 1-3/16" X 59" (Includes Keys)
71	12	F19803800	2	1/4" X 3/8" X 4" Keys
		Not Available	2	6715 Halfmoon Bridgetree Housing with Bearing
		Not Available	2	Bearing <u>Insert Only</u> for Above
Note: If housing is bad Items 72 & 62 must be substituted				
72	11	F92401030	2	1-3/16" Pillow Block Bearing
62	11	F02707300	2	Bridgetree Mounting Angle for Bearing
68	11	F19701700	1	9" Diameter 1-3/16" Bore Stationary Disc With Set Screws
69	11	F19701300	1	9" Diameter 1-3/16" Bore Spring End Disc
70	11	F92700005	1	8" Heavy Duty Spring
67	11	F19701900	1	Hand Nut for 1-3/16" Shaft
513	15A	F91180017	1	ATF 17 Variable Air Regulator Belt(1-7/8" x 79")
61	12	F97700052	2	Tapered Fan Entry Cones
**	12	F06002677	1	Bottom Fan Assembly Complete(includes 60,63 & Bolts)
60	12	F01701104	4	Wooden Fan Blades 35-5/8"
63	12	F06001600	2	Spider Fan Arms 1-3/16" Bore
201	25	F06302010	1	Bottom Drum Iron
203	25	F06302110	1	Discharge Chute 4"
204	25	F06303700	1	Breast Iron

ECCENTRIC SHAFT ASSEMBLY

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
85	15A	F01603800	1	Eccentric Shaft 1-1/2" X 58-1/2" (Includes Keys)
		F92053126	2	6714 Flange Bearing Conversion Kit (Older Machines)
		F92400022	1	1-1/2" Bearing Insert Only for Above
87	15A	F92441082	1	7475 Halfmoon Bearing w/Threaded Housing (Older Machine)
**		F92400026	1	1-1/2" Bearing Insert Only for Above
87	15A	F92441083	1	7475 Halfmoon Bearing w/Threaded Housing (Newer Machine)
**		F92400026	1	1-1/2" Bearing Insert Only for Above
89	15A	F92401080	2	1-1/2" Pillow Block Bearing (Newer Machines)
92	15A	F19701000	1	9" Diameter 1-1/2" Bore Thrust End Disc
94	15A	F19500700	1	1-1/2" Adjusting Nut (Includes Zerk with Plug #24)
		F19806200	1	Zerk with Plug
88	15A	F92452090	1	B-34 Thrust Bearing
93	15A	F19701100	1	9" Diameter 1-1/2" Bore Stationary Disc With Set Screws
91	15A	F19503600	2	1-1/2" Throw Eccentric Assembly Complete (Includes Below)
**		F92400053	1	Bearing Insert for Eccentric Assembly
**		F19804004	1	1-1/2" Bore 1/2" Throw Eccentric Hub
**		F19703000	1	Eccentric Housing for Assembly
513	15A	F19601001	1	Right Hand Wood Pitman Arm 19-5/16"
512	15A	F19600901	1	Left Hand Wood Pitman Arm 19-5/16"
515	15A	F01104600	2	Counterweight Ends 1-1/2" Bore
515	15A	F19805200	1	Counterweight 19-13/16"

MAIN SHOE ASSEMBLY

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
424	33	F03004703	1	Shoe Complete with Rockers (Right Hand Discharge)
431		F08306301	1	Sand Spout (Right Hand Discharge)
441		F08306601	1	Straw Spout (Right Hand Discharge)
424		F03004702	1	Shoe Complete with Rockers (Left Hand Discharge)
431	33	F08306302	1	Sand Spout (Left Hand Discharge)
441	33	F08306602	1	Straw Spout (Left Hand Discharge)
425	33	F03109801	1	Shoe Side, Right Side
**	33	F03109802	1	Shoe Side, Left Side
440	33	F03309300	1	Bottom Shoe Metal 36-1/2" x 40"
		F03109500	1	Pitman Board 3/4" x 7-1/8" x 37"
132	19	F03007101	1	Front Hanger with Block , Right Side
132	19	F03007102	1	Front Hanger with Block , Left Side
137	19	F03102601	2	Shoeside Front Hanger Support Block
133	19	F03116101	2	Back Shoe Hanger with Block
432	33	F03109400	2	Wood Sand Spout Track
433	33	F03309100	2	Metal Sand Spout Guide
147	22	F03501700	1	Bottom Rocker Telescoping Apron Assembly
44	8	F01200203	4	Pinion Gear with 3/4" Bore
45	8	F01200300	4	4" Long Rack
49	8	F01801700	4	Escutcheon Plate
47	8	F01608301	2	Tilting Rod 40-1/2"
52	8	66276400	2	3/4" Hex Nut
145	33	F03501501	2	Rocker Assembly Complete, Both <u>(Parts for Rocker Below)</u>
151	30A	F03601000	1	Right Hand Wooden Rocker Arm Only
**	30A	F03601100	1	Left Hand Wooden Rocker Arm Only
153	30A	F03800413	2	60" Metal Screenway Liner (Customer to Cut)
156	30A	F03801100	2	60" Metal Rubber Holding Strip (Customer to Cut)
159	30A	F91152006	8	Rubber Seal 2-1/2" Wide
		F03801000	2	Screen Stop
144	30A	F03500800	2	Screen Hook Assembly
	30A	F03800003	2	Bottom Rocker Brace
141	30A	F03310007	1	Grain Stop Assembly with Rubber
		F90005304	1	Rocker Adjusting Girt

		F11302511	1	Adjusting Girt Cover Plate
175	30A	F03500600	2	Rocker Pivot Cup

**Note: Front of the Machine is Where the Screens are Inserted Into the Machine.
Discharge Spouts are Determined by Standing at the Front and Facing the Machine.
Right Hand Discharge Spouts Would Discharge Towards Your Right Hand.**

SCALPER SHOE ASSEMBLY

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
522	All 43	F03003400	1	Scalper Shoe Assembly Complete
528	43	F03108301	1	Scalper Shoe Right Hand Side Wood Only
533	43	F03108302	1	Scalper Shoe Left Hand Side Wood Only
		F03308000	1	Shoe Bottom Metal 35-1/4" x 19-1/4"
526	43	F03800413	1	Screenway Liner 60" (Customer to cut)
525	43	F03305401	1	Rubber Holding Strip 60" (Customer to cut)
524	43	F91152004	5 Ft	Rubber Screen Seal 1-1/2"
523	43	F03305701	1	Holding Strip Cap
144	43	F03500800	2	Standard Screen Hook
520	43	F03308200	2	33-3/8" Pipe No. 7
531	43	F03308300	2	36-3/4" Tie Rod No. 7

MISCELLANEOUS PARTS

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
		F90006613	1	Screen Puller Weldment 52"
		F99700034	1	Wrench 1-1/4" Jam Nut
184	23	F08501500	1	Catchall Spout Weldment
		F08604901	1	Catchall Board for above 51-1/4" x 4"
11		F04303122	1	Adjusting handle & Crank (18" long for Air adjusting)
193	All 24	F01002803	2	Belt Idler Assembly Complete 5-1/2"(Includes Below)
178	24	F01100100	1	Idler Pivot Lever

191	24	F01806202	1	5-1/2" Belt Take Up Shaft
179	24	F01103300	1	1" Cast Iron Pillow Block
180	24	F01400700	1	Idler Sheave with Bushing
185	24	F01805010	1	Belt Tightner Axle with Hardware

PULLEYS & BELTS

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
	7	F91162120	1	B-120 Drive (From Eccentric Shaft to Hopper Drive)
172	15A	F91922124	1	2B12.4 SK Eccentric shaft Sheave (Is Driven By Top Fan Shaft)
172A	15A	44010918	1	SK Bushing for above
166	7	F91162144	2	B-144 Belt (From Eccentric shaft to Top Fan)
173	7	43120115	1	2B5.4 SD Top Fan Shaft Pulley (Drives Eccentric shaft)
**	7	44010521	1	Bushing SDS 1-11/16" for above
170	7	F91912154	1	1B15.4 SK Top Auger Discharge Sheave (Is Driven by Eccentric Shaft)
**	7	44010913	1	SK Bushing for Valve Shaft Sheave
165	7	F91162112	1	B-112 Belt (From Eccentric Shaft to Top Air Discharge)

The Following Are the Ball Tray Kit Parts That were Installed on the Super 67D Cleaners in the Past

Old Style Ball Trays with 1" Square Turkey Wire That Came Out With the Screens. Ball Trays were not attached to the Screens.

F90005067	2	Ball Tray Weldment for 1 Piece Screens
F90005065	1	Ball Tray Weldment for Scalper Screen
F80026102	180	White 1-3/8" Balls
F11301707	2	Ball Tray Support Rail 24"
F11301716	4	Ball Tray Support Rail 14"
F11301717	4	Ball Tray Support Rail 22"

