

PARTS CATALOG

FOR YOUR

SUPER 68D



Grain, Seed and Bean Cleaners

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www.atferrell.com

SUPER 68D 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 68D CLEANER PARTS

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

Top Fan Section

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
	26	F05000801	1	Air Trunk Assembly Complete (Includes Below)
5	3	F01601800	1	1-15/16" X 79-1/2" Top Fan Shaft (Includes Keys)
10	3	F92401150	2	1-15/16" Bore Pillow Block Bearing
18	3	F05502400	2	High Static Fan Wheel Assembly with 8" Wide Blade
215	26	F05501202	1	Right Side Top Fan Housing Assembly (Includes 2 Sides & Metal)
215	26	F05501205	1	Left Side Top Fan Housing Assembly(Includes 2 Sides & Metal)
15	1	F05003900	2	Top Fan Bleeder Inlet Slide Assembly
12	1	F04303132	1	Adjusting handle & Crank (32" Long for top air)
**	1	F04001600	1	Hand Crank Handle with wood Knob
4	1	F05313000	2	Adjusting handle shaft Bearing
17	1	F05003703	2	Air Valve Damper with End Castings
	1	F01013500	2	Valve Control Assy Complete (Includes Below)
1	1	F01005500	1	Universal Joint
9	1	F01805800	1	6" Threaded Screw Shaft with 5/8" Shank
13	1	F04313500	1	Swivel Plate (bolts to wood side)
**	1	F04313100	1	Plain Pivot Nut
14	1	F04314800	1	Swivel Arm Pivot Lever
**	1	F04313200	1	Threaded Pivot Nut

**TOP AIR 5" AUGER DISCHARGE ASSEMBLY
On Newer Machines**

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
505	ALL 4A	F12500054	1	Discharge Auger Complete w/Rotary Vane(Right Hand Discharge)
504	4A	F12900223	1	5" Shaft with Flighting 1-3/16" x 83"
505	ALL 4A	F12500066	1	Discharge Auger Complete w/Rotary Vane (Left Hand Discharge)
504	4A	F12900323	1	5" Shaft with Flighting 1-3/16" x 83"
509	4A	F12500700	1	Rotary Vane
508	4A	F92400002	2	Bronze-Oil Bearing For Rotory 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 machines.**

TOP AIR DISCHARGE VALVE ASSEMBLY
On Some Older Machines

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
		F04500001	1	Discharge Valve Assembly Complete (Includes Below)
22	4	F04800002	1	Hinged Gate Weldment (Measure Length And Width)
**		F04600502	1	Gate Board
**		F92700004	2	Gate Springs
23	4	F04501402	1	#8 Discharge Roll Assemblby with Flanges (Measure Length)
186	4	F92460200	2	1" Bearing Insert
25	4	40000038	4	Flangette Stamping For Above Bearing
20	4	F01616910	1	Top Valve Shaft 1" X 67"
		????	1	Right Hand Top Air Discharge Spout
		????	1	Left Hand Top Air Discharge Spout

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	F09501900	2	Brush Carrier Assembly 25"x46 " 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	F10002120	4	49-1/2" Black Course Brushes
	10	F10002110	4	49-1/2" White Fine Brushes (Used on Wire Mesh Screens)
54	10	F09501810	1	Brush Carrier Assembly 25" x 22" 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	F10000120	2	23-1/2" Black Course Brushes
48	10	F01612102	3	Brush Carrier Shaft 1-3/16" X 64"
55	10	F09800100	3	2 Piece Cable Clamps
57	10	F09800000	3	Rope Clamp Bracket (Welded To Brush Carriage)
		F97700003	60	Wirelon Plastic Coated Steel Cable (In Feet)

BOTTOM FAN ASSEMBLY

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
59	12	F01612420	1	Fan Shaft 1-1/2" X 74-1/2" (Includes Keys)
71	12	F19803601	2	3/8" X 5" Keys
72	11	F92401080	2	1-1/2" Pillow Block Bearing
62	11	F02707300	2	Bridgetree Mounting Angle for Bearing
68	11	F19701600	1	12" Diameter 1-1/2" Bore Stationary Disc With Set Screws
69	11	F19702901	1	12" 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	F91180034	1	ATF 34 Variable Air Regulator Belt(2-7/8" x 108")
61	12	F97700052	2	Tapered Fan Entry Cones
**	12	F06002778	1	Bottom Fan Assembly Complete(includes 60,63 & Bolts)
60	12	F01701101	4	Wooden Fan Blades 55-5/8"
63	12	F06001000	4	Spider Fan Arms 1-1/2" Bore
201	25 A	F06302030	1	Bottom Drum Iron 54-5/8" x 80"
203	25 A	F06302130	1	Discharge Chute 54-5/8" x 4"
204	25 A	F06304304	1	Breast Iron 54-5/8" x

ECCENTRIC SHAFT ASSEMBLY

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
85	15A	F01611900	1	Eccentric Shaft 1-1/2" X 78-1/2" (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 1-1/2" Halfmoon Bearing Complete w/Bearing (Older Machine)
**		F92400026	1	1-1/2" Bearing Insert Only for Above
87	15A	F92441083	1	7475 1-1/2" Halfmoon Bearing Complete w/Bearing (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	F19701400	1	12" 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	F19701600	1	12" Diameter 1-1/2" Bore Stationary Disc With Set Screws
		F19801210	1	Variable Speed Wire Holder
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	F19602202	1	Right Hand Wood Pitman Arm 26.5"
512	15A	F19602201	1	Left Hand Wood Pitman Arm 26.5"
515	15A	F01104600	4	Counterweight Ends 1-1/2" Bore
514	15A	F01804402	2	Counterweight 17" (Total Length)

MAIN SHOE ASSEMBLY

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
424	33	F03008107	1	Shoe Complete with Rockers (Right Hand Discharge)
431		F08309501	1	Sand Spout (Right Hand Discharge)
441		F08308810	1	Straw Spout (Right Hand Discharge)
424		F03008106	1	Shoe Complete with Rockers (Left Hand Discharge)
431	33	F08309502	1	Sand Spout (Left Hand Discharge)
441	33	F08308801	1	Straw Spout (Left Hand Discharge)
425	33	F03119801	1	Right Wood Shoe Side
**	33	F03119802	1	Left Wood Shoe Side
440	33	F03300702	3	Bottom Shoe Metal 56-1/2" x 22-1/4"
		F03120207	1	Pitman Board 3/4" x 7-1/2" x 57-1/8"
132	19	F03016510	2	Front Hanger with Block (Customer To Cut To Length)
137	19	F03102601	2	Front Hanger Support Block
133	19	F03102300	3	Back Hanger with Block (Customer To Cut To Length)
136	19	F03101902	1	Cross Girt Wood Hanger 65"
432	33	F03101720	2	Wood Sand Spout Track
433	33	F03301002	2	Metal Sand Spout Guide
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	F01608310	2	Tilting Rod 3/4" X 60-1/2"
52	8	66276400	2	3/4" Hex Nut
145	30	F03500210	1	Top Rocker Assembly Complete (Parts for Rocker Below)
151	30	F03600200	1	Right Hand Wooden Rocker Arm Only
**	30	F03600300	1	Left Hand Wooden Rocker Arm Only
153	30	F03800413	2	60" Metal Screenway Liner
156	30	F03801100	2	60" Metal Rubber Holding Strip
159	30	F91152006	10.2	Rubber Seal 2-1/2" Wide
		F03801000	2	Screen Stop
144	30,21	F03500800	2	Screen Hook Assembly
176	30	F03800002	2	Bottom Rocker Brace #8
177	30	F03505800	1	Top Pipe Girt Support #8
141	30	F03310009	1	Grain Stop Assembly with Rubber
		F90005303	1	Rocker Adjusting Girt
175	30	F03500600	2	Rocker Pivot Cup
147	22	F03804975	1	Top Rocker Telescoping Apron Assembly

MAIN SHOE ASSEMBLY CONTINUED

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
145	30	F03500310	1	Bottom Rocker Assembly Complete (Parts for Rocker Below)
151	30	F03600500	1	Right Hand Wooden Rocker Arm Only
**	30	F03600400	1	Left Hand Wooden Rocker Arm Only
153	30	F03800413	2	60" Metal Screenway Liner
156	30	F03801100	2	60" Metal Rubber Holding Strip
159	30	F91152006	10	Rubber Seal 2-1/2" Wide (In Feet)
		F11302685	1	Screen Stop Right Hand
		F11302686	1	Screen Stop Left Hand
144	30,21	F03500800	2	Screen Hook Assembly
176	30	F03800002	2	Bottom Rocker Brace
177	30	F03505800	1	Top Pipe Girt Support
141	30	F03310009	1	Grain Stop Assembly with Rubber
		F90005303	1	Rocker Adjusting Girt
175	30	F03500600	2	Rocker Pivot Cup
		F11302510	1	Adjusting Girt Cover Plate
	22	F03804930	1	Bottom Rocker Apron Top
	22	F03804940	1	Bottom Rocker Apron Bottom

**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	43A	F03007500	1	Scalper Shoe Assembly Complete
528	43	F03119601	1	Scalper Shoe Right Hand Side Wood Only
533	43	F03119602	1	Scalper Shoe Left Hand Side Wood Only
		F03313320	1	Shoe Bottom Metal 55-1/4" x 28-1/4"
		F03119404	1	Bottom Board 55-3/4" x 8-1/8"
		F03119405	1	Bottom Board 55-3/4" x 6-1/8"
		F03119406	1	Top Board 55-3/4" x 3"
		F03119502	1	Back Board 53-1/2" x 7-1/2"
520	43	F03313120	2	3/8" x 53-3/8" Pipe #8
531	43	F03313220	2	3/8" x 56-3/4" Tie Rod No. 9
525	43	F03305401	2	Rubber Holding Strip 60" (Customer to cut)
526	43	F03800413	2	Screenway Liner 60" (Customer to cut)
524	43	F03401000	2	Rubber Screen Seal 1-1/2"
144	43	F03500800	2	Standard Screen Hook
523	43	F03305701	2	Holding Strip Cap

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	F08500700	1	Catchall Spout Weldment
		F08604901	1	Catchall Board for above 51-1/4" x 4"
		F07301902	1	Spout - Back Hood
11		F04303122	1	Adjusting handle & Crank (22" long for Hopper adjusting)
193	All 24	F01002803	1	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" CI Pillow Blocks
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
516	15A	F01304001	1	4.0 Pulley 1-1/2 Bore" (Drives Hopper)
		F01307500	1	19" Flywheel 1-1/2" Bore
516	15A	F01303510	1	3-4 Combination Pulley 1-1/2 Bore" (Drives Hopper &)
	7	F91162133	1	B-133 Drive (From Eccentric Shaft to Hopper Drive)
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	F91162120	1	B-120 Belt (From Eccentric Shaft to Top Air Discharge)
172	15A	F91932124	1	3B12.4 SK Eccentric shaft Sheave (Is Driven By Top Fan Shaft)
172A	15A	44010918	1	SK Bushing for above
173	7	43130115	1	3B5.4 SD Top Fan Shaft Pulley (Drives Eccentric shaft)
**	7	44010725	1	Bushing SD 1-15/16" for above
166	7	F91162158	3	B-158 Belt (From Eccentric shaft to Top Fan)

The Following Are the Ball Tray Kit Parts That were Installed on the Super 68D 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.

F90005061	2	Ball Tray Weldment for 1 Piece Screens
F90005068	1	Ball Tray Weldment for Scalper Screen
F80026101	360	Black 1-3/8" Balls
		or
F90005057	2	Ball Tray Weldment for 2 Piece Screens (For Bottom 26" Section)
F90005068	3	Ball Tray Weldment for 2 Piece Screens (For Top 34" Section)
F80026101	360	Black 1-3/8" Balls (54 Per Tray)
F11301707	4	Ball Tray Support Rail 24"
F11301708	6	Ball Tray Support Rail 31"
F90005300	2	Rocker Adjusting Girt Assembly Offset

New Style Permanent Ball Trays with That Stayed in the Machine
When the Screens Were Removed. Started to be Used in 1994

F92053519		Ball Tray Kit Complete
F90008273	5	Permanent Ball Tray Weldment
F80026101	400	Black 1-3/8" Balls (80 Per Tray)
F11308889	2	Right Hand Ball Tray Rail w/ End Stop
F11308890	2	Left Hand Ball Tray Rail w/ End Stop
F90008258	2	Right Hand Ball Tray Rail w/ Screen Hook Holder Bracket
F90008259	2	Left Hand Ball Tray Rail w/ Screen Hook Holder Bracket
F90008282	1	Right Hand Ball Tray Rail w/ End Stop (For Scalper Screen)
F90008283	1	Left Hand Ball Tray Rail w/ End Stop (For Scalper Screen)
F03500800	6	Screens Hook Assembly