

PARTS CATALOG

FOR YOUR

SUPER 49BD



Grain, Seed and Bean Cleaners

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SUPER 49BD CLEANER PARTS SET UP WITH BRUSH SCREEN CLEANING

PAGE NUMBER	GROUP DRAWING
.....1	Front Air Damper.....
.....2	Back Air Damper.....
.....3	Top Fan Shaft.....
.....4	Top Air Discharge Auger Valve.....
.....5 & 6	Does Not Apply To This Manual
.....7	Brush Adjusting System
.....8	Does Not Apply To This Manual
.....9	Rope Sheave Assembly
.....10	Brush Carriage Assembly
.....11	Bottom Fan Shaft.....
.....12	Bottom Fan Shaft.....
...13 Thru 14	Does Not Apply To This Manual
.....15A	Eccentric Shaft.....
...16 Thru 23	Does Not Apply To This Manual
.....24	Adjustable Belt Take-Ups.....
.....25A	Bottom Fan Housing
.....26	Air Trunk Assembly
...27 Thru 29	Does Not Apply To This Manual
.....30	Rocker Assembly View.....
...31 Thru 32	Does Not Apply To This Manual
.....33	Bottom Shoe Assembly.....

Top Fan Section

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
All	26	Not Available	1	Air Trunk Assembly Complete (Includes Below)
5	3	F01600700	1	Fan Shaft 1-15/16" X 64-1/4"
10	3	F92401150	2	1-15/16" Pillow Block Bearing
18	3	F05502300	2	6" Wide Hide Static Fan Assembly
215	26	F05501201	1	Right Side Top Fan Housing Assembly (Includes 2 Sides & Metal)
215	26	F05501204	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 & Rod 32" Long (Includes Handle With Knob)
12	1	F04303118	1	Adjusting Handle & Rod 18" Long (Includes Handle With Knob)
**	1	F04001600	1	Hand Crank Handle with wood Knob
4	1	F05313000	2	Adjusting handle shaft Bearing
	1	F01013500	2	Valve Control Assy Complete (Includes Parts Listed 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

****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.**

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.

TOP AIR DISCHARGE VALVE ASSEMBLY

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
21	ALL	F04500000	1	Complete Valve (9 wide)(Shaft not Included)
20	4	F01618000	1	Top Valve Shaft 1" x 48"
22	4	F04800010	1	Hinged Gate Weldment (9 wide)
**		F04600510	1	Gate Board
**		F92700004	2	Gate Springs
23	4	F04501401	1	#9 Discharge Roll Assemblby with Flanges (Around 30" Long) Measure Roll Length
25	4	40000038	4	1" Bore Flangette Stampings
186	4	F92460200	2	1" Bearing

NOTE: ASSEMBLY DOES NOT INCLUDE DRIVE SHEAVES OR SHAFT

BRUSH SCREEN CLEANING SYSTEM

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
39	7	F01003001	3	Brush Adjusters-Control Side / Left Hand Side(Includes Parts Below)
	7	F01106101	1	Brush Idler Plate Left Hand
42	7	F01105400	1	Adjustments Handle with Spring
42	7	F82080060	1	Shoulder Bolt for Brush Adjuster
38	7	F01004902	3	Brush Adjusters - Idler Side / Right Hand Side(Includes Parts Below)
	7	F01106104	1	Brush Adjusting Plate Right Hand
43	7	F01106300	1	Idler Arm Support
43	7	F82080060	1	Shoulder Bolt for Brush Adjuster
39	7	F01003002	3	Brush Adjusters-Control Side / Right Hand Side(Includes Parts Below)
**	7	F01106003	1	Brush Idler Plate Right Hand
42	7	F01105400	1	Adjustments Handle with Spring
42	7	F82080060	1	Shoulder Bolt for Brush Adjuster
38	7	F01004901	3	Brush Adjusters - Idler Side / Left Hand Side (Includes Parts Below)
		F01106001	1	Brush Adjusting Plate Left Hand
43	7	F01106300	1	Idler Arm Support
43	7	F82080060	1	Shoulder Bolt for Brush Adjuster
41	9	F01104300	6	One Hole Plate with 1-5/8" Bore
51	9	F11807001	2	Straight Jack Plate
51		Not Available	2	Jack Plates-Three Hole Right Hand Side
**	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		F09500200	3	Brush Carrier Assembly 18" x 46" NOTE: INCLUDES ROLLERS & AXLES BUT NOT BRUSHES
53	10	F09501400	6	Brush Carrier Roller for 1-3/16" Shaft
56	10	F09802401	6	Carrier Roller Axle with Hardware
	10	F10002120	6	49-1/2" Black Course Brushes
	10	F10002110	6	49-1/2" White Course Brushes(Used on Wire Screens Only)
48		F01612101	3	Brush Carrier Shafts 1-3/16" x 52"
55	10	F09800100	3	2 Piece Cable Clamps
		F97700003	60	Wirelon Plastic Coated Steel Cable (In Feet)

BOTTOM FAN ASSEMBLY

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
59	12	F01615900	1	Fan Shaft 1-1/2" X 67" (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	F19701600	1	12" Diameter 1-1/2" Bore Stationary Disc
69	11	F19702901	1	12" Diameter 1-1/2" Bore Spring End Disc
70	11	F92700007	1	10-5/8" 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")
**	12	F06002681	1	Bottom Fan Assembly Complete(includes 60,63 & Bolts)
60	12	F01701100	4	Wooden Fan Blades 43-5/8" Long
63	12	F06001000	3	Spider Fan Arms

ECCENTRIC SHAFT ASSEMBLY (WITH COUNTER WEIGHTS)

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
85	15A	F01623500	1	Eccentric Shaft 1-1/2" X 66-1/2" (Includes Keys)
89		Not Available	2	6714 Halfmoon Flange Bearing
**		F92400022	1	1-1/2" Bearing Insert Only for Below
89		F92053126	1	6714 Flange Bearing Conversion Kit
89		F92401080	1	1-1/2" Pillow Block Bearing
87	15A	F92441082	1	7475 1-1/2" Halfmoon Bearing Complete w/Bearing
**		F92400026	1	1-1/2" Halfmoon Bearing Insert Only for Above
93	15A	F19701600	1	12" Diameter 1-1/2" Bore Stationary Disc
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)
88	15A	F92452090	1	B-34 Thrust Bearing
515	15A	F01104600	4	Counterweight Ends
514	15A	F01804410	2	Counterweight 11"
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
512	15A	F19602102	1	Pitman Left Side 24" Long
513	15A	F19602101	1	Pitman Right Side 24" Long

MAIN SHOE ASSEMBLY

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
424	33	Not Available	1	Bottom Shoe Complete with Rockers (Old Number F030061--)
138	30	F03118601	1	Right Shoe Side
***		F03118602	1	Left Shoe Side
		F03120202	1	Pitman Board 3/4" x 7-1/2" x 45-1/8"
132		F03016510	2	Front Hanger with Block on Both Sides
137		F03102601	2	Shoeside Hanger Support Block
133		F03016520	3	Back Shoe Hanger with Block
432	33	F03101720	2	Wood Sand Spout Track (Cut to Length)
433	33	F03301001	2	Metal Sand Spout Guide
431	33	F08308302	1	Sand Spout Left Hand Machines (Check Measurements)
431	33	F08308301	1	Sand Spout Right Hand Machines (Check Measurements)
441	33	F08302230	1	Second Straw Spout Left Hand Machines (Check Measurements)
441	33	F08302200	1	Second Straw Spout Right Hand Machines (Check Measurements)
44	30	F01200203	6	Pinion Gear with 3/4" Bore
45	30	F01200300	6	4" Long Rack
49	30	F01801700	6	Escutcheon Plate
47	30	F01608320	3	Tilting Rod 3/4" X 48-1/2"
52	30	66276400	3	3/4" Hex Nut
192		F03401600	1	Canvas Apron Assembly
145	33	F03500200	2	Top Rocker Assembly Complete <u>(Parts for Rocker Below)</u>
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	F03500800	2	Screen Hook Assembly
	30	F03800001	2	Bottom Rocker Brace
177	30	F03505805	1	Top Pipe Girt Support
141	30	F03310008	1	Grain Stop Assembly with Rubber
		F90005304	1	Rocker Adjusting Girt
175	30	F03500600	2	Rocker Pivot Cup

MAIN SHOE ASSEMBLY CONTINUED

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
145	33	F03500300	1	Bottom Rocker Assembly Complete <u>(Parts for Rocker Below)</u>
151	30	F03600400	1	Right Hand Wooden Rocker Arm Only
**	30	F03600500	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
		F03806000	2	Screen Stop (New Style)
144	30	F03500800	2	Screen Hook Assembly
	30	F03800001	2	Bottom Rocker Brace
177	30	F03505805	1	Top Pipe Girt Support
141	30	F03310008	1	Grain Stop Assembly with Rubber
		F90005304	1	Rocker Adjusting Girt
175	30	F03500600	2	Rocker Pivot Cup
		F03500400	1	Apron Assembly

**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.
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24	24	F01002803	1	Single 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
Machines Without Variable Shoe Shake

ITEM NO.	PAGE NO.	PART NUMBER	QTY.	DESCRIPTION
				Motor to Top Fan
		F91932124		3B12.4 Top Fan Shaft Driven Sheave
		44010925	1	SK Bushing 1-15/16"
		F91932064	1	3B6.4 Top Fan Drive Motor Sheave
		44010916	1	SK Bushing for above
				Top Fan to Eccentric Shaft
		43120115	1	2B5.4 Top Fan Drive Sheave
		44010525	1	SDS Bushing 1-15/16"
		F91922124	1	2B12.4 Eccentric Shaft Driven Sheave
		44010918	1	SK Bushing 1-1/2"
		Not Available	1	B4.0 Brush Drive Pulley 1 1/2"
		43110155	1	B7.4 Auger Drive Pulley
		F44010510	1	SDS Bushing 1"
***		Not Available	1	B4.0 Hopper Drive Pulley 1 1/2" See Hopper Parts List for Driven Pulley