



Original Saw Company  
465 Third Ave SE  
Britt, IA 50423 USA

PH 641-843-3868  
800-733-4063

[customerservice@originalsaw.com](mailto:customerservice@originalsaw.com)  
[www.originalsaw.com](http://www.originalsaw.com)

# Parts Breakdown

## **RADIAL ARM SAW**

**TYPE 6 - without rip attachments**

**14" models 3531-01, 3536-01, 3531-03, 3536-03**

**16" models 3541, 3546**

**For Serial number 20220704461 forward  
(September 2022)**

**Made in USA**



## INDEX

General Safety Precautions/Specifications . . .	3-4	Parts Diagram and Listings . . . . .	15-23
Unpacking and Assembly. . . . .	4-6	Setting Thermal Overload Relay/Changing Voltage	24-25
Operating Cautions/Alternative Setup . . . . .	7	Troubleshooting. . . . .	26-28
Operating Instructions. . . . .	8-10	Accessories/Preventive Maintenance. . . . .	29
Adjustments and Alignments. . . . .	11-14	Warranty Information/Factory Service . . . . .	30

### General Rules for Safe Operation of Power Tools

1. KNOW YOUR POWER TOOL— Read the owner's manual carefully. Learn the applications and limitations as well as the specific potential hazards of the tool.
2. GROUND ALL TOOLS.
3. KEEP GUARDS IN PLACE. Keep guards in working order.
4. KEEP WORK AREA CLEAN. Cluttered areas and benches invite accidents.
5. AVOID DANGEROUS ENVIRONMENTS. Don't use power tools in damp or wet locations. Keep work area well lit.
6. KEEP CHILDREN AWAY. All visitors should keep a safe distance from the work area.
7. DON'T FORCE TOOL. The tool will do a better job if used at its designed rate.
8. WEAR PROPER APPAREL. Loose clothing, gloves or jewelry may get caught in moving parts. Rubber footwear is recommended when working outdoors.
9. USE PROTECTIVE GLASSES. If operation is dusty also wear a dust mask.
10. DON'T OVERREACH. Keep proper balance and footing at all times.
11. MAINTAIN TOOLS WITH CARE. Tools kept sharp and clean provide the best and safest performance. Follow instructions for lubricating and changing accessories.
12. DISCONNECT TOOLS FROM POWER SOURCE. When not in use, before servicing, when changing accessories, blades, or cutters the tool should be disconnected and locked out.
13. REMOVE ADJUSTING KEYS AND WRENCHES. Make it a habit to ensure keys and adjusting wrenches are removed prior to starting tool.
14. USE RECOMMENDED ACCESSORIES. Consult your distributor or the Original Saw Company for recommended accessories. Using improper accessories may cause hazards.
15. SECURE YOUR WORK. Use clamps or a vise to hold work when practical.
16. NEVER LEAVE TOOL RUNNING WHILE UNATTENDED.
17. ONE OPERATOR ONLY. The person who pulls the saw should position the work.
18. DO NOT REMOVE SMALL SCRAPS FROM THE TABLE WITH YOUR FINGERS.

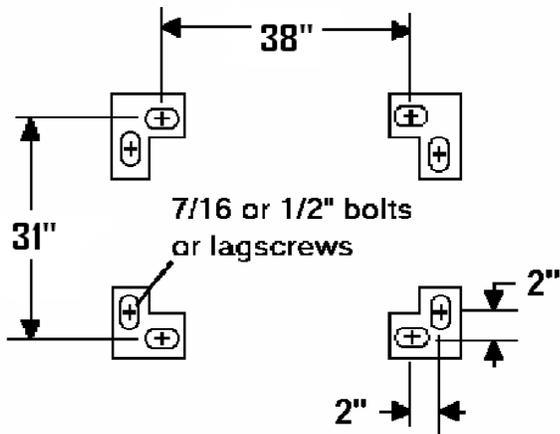
## !!! CAUTION !!!

**BOTH UPPER AND LOWER GUARDS MUST REMAIN IN PLACE FOR SAFE CUTTING OPERATION.**

**This manual is not totally comprehensive. It does not and cannot cover every possible safety and operational factor which may arise during the life of the machine.**

MODEL:	3531-01	3531-03	3536-01	3536-03	3541	3546
Arm	Standard	Standard	Medium	Medium	Standard	Medium
Blade Size	14" / 350 mm	16" / 400mm	16" / 400mm			
<b>MOTOR: ALL MOTORS TOTALLY ENCLOSED FAN COOLED</b>						
HP	3	5	3	5	5	5
Phase	1	3	1	3	3	3
Hertz	60	50/60	60	50/60	50/60	50/60
Volts *	230	208/230/460	230	208/230/460	208/230/460	208/230/460
Brake	automatic	automatic	automatic	automatic	automatic	automatic
Arbor	1" x 2 3/16"	1" x 2 3/16"				
<b>CAPACITIES: inches / metric</b>						
Maximum Out-Rip	29.875 / 758 mm	29.875 / 758 mm	37 7/8 / 962 mm	37 7/8 / 962 mm	29.875 / 758 mm	37 7/8 / 962 mm
Max Cross Cut 1" Stock	16" / 406 mm	16" / 406 mm	24" / 609 mm	24" / 609 mm	16" / 406 mm	24" / 609 mm
Max Miter 45° 1" Stock	10 7/8" / 276 mm	10 7/8" / 276 mm	15 1/2" / 393 mm	15 1/2" / 393 mm	10 7/8" / 276 mm	15 1/2" / 393 mm
Max Depth of Cut	4 1/8" / 104 mm	4 15/16" / 125 mm	4 15/16" / 125 mm			
Max Depth of Cut 45° Bevel	1 3/4" / 44 mm	2" / 50 mm	2" / 50 mm			

⊕ 1 1/4" x 5/8" slot



### FLOOR MOUNTING DIMENSIONS

Your saw may be mounted to the floor. Use the diagram at right to assist you in placing the saw and fastening it to the floor.

### Unpacking and Attaching the Table Legs

Your Original Radial Arm Saw has been completely assembled, tested and then partially disassembled. The box included in your shipment contains the following items necessary for assembly of your saw:

Legs	4	Magnetic Starter	1	3/8" Flanged Cap Screws	16	3/8" Hex Nut	16
3/8" Lock washer	16	Allen Arbor Wrench	1	Flat Arbor Wrench	1		

The machine can be lifted with a forklift under the steel saw frame. A sling or chain hoist may be used under the arm ONLY if placed at the rear of the arm near the column. Attach the legs using the 3/8" hex head cap screws, lock washers and nuts provided in the hardware bag. Tighten cap screws securely after the machine has been lowered onto its legs.

### Important

All cable lengths have been adjusted during manufacture to allow for proper movement of the arm and roller head. However, you should check the cables to ensure full range of movement. If adjustment is necessary, loosen the 2 cable clamps (1 inside of arm, 1 at right rear of arm) and adjust the cables so roller head is free to travel the total length of the arm with the motor pivoted in the roller head so the blade is on the right hand side. Also, check to ensure there is enough slack in the cables between the rear of the arm and the starter enclosure so the arm can be swung to the right a full 90° while the arm is elevated to its highest position.

# Electrical Connection—



## Recommend Copper Wire Sizes (A.W.G.)

To obtain maximum efficiency from your saw motor, the feeder wire from the power source to the machine should comply with the table below.



**Note:** Always check arbor shaft rotation before installing blade, arbor nuts, or collars.

Wire sizes in this chart are the result of high start up amps.

### Recommended Copper Wire Sizes

	1 Phase	3 Phase	3 Phase	3 Phase
<b><u>Up to 60' from power supply</u></b>	200-240 V	200-240 V	440-480 V	550-600 V
3 hp	#8 AWG	#8 AWG	#10 AWG	#10 AWG
5 hp	#8 AWG	#8 AWG	#10 AWG	#12 AWG
7.5 hp	N/A	#8 AWG	#8 AWG	#10 AWG

	200-240 V	200-240 V	440-480 V	550-600 V
<b><u>60 - 100' From power supply</u></b>	200-240 V	200-240 V	440-480 V	550-600 V
3 hp	#8 AWG	#8 AWG	#8 AWG	#10 AWG
5 hp	#2 AWG	#8 AWG	#8 AWG	#8 AWG
7.5 hp	N/A	#4 AWG	#8 AWG	#8 AWG

	200-240 V	200-240 V	440-480 V	550-600 V
<b><u>100 - 160' From power supply</u></b>	200-240 V	200-240 V	440-480 V	550-600 V
3 hp	#4 AWG	#4 AWG	#8 AWG	#8 AWG
5 hp	#0 AWG	#2 AWG	#8 AWG	#8 AWG
7.5 hp	N/A	#2 AWG	#4 AWG	#8 AWG

	200-240 V	200-240 V	440-480 V	550-600 V
<b><u>Over 160' From power supply</u></b>	200-240 V	200-240 V	440-480 V	550-600 V
3 hp	#2 AWG	#2 AWG	#4 AWG	#4 AWG
5 hp	#00 AWG	#2 AWG	#2 AWG	#4 AWG
7.5 hp	N/A	#0 AWG	#2 AWG	#2 AWG



**Note:** Wire too large to insert into the provided magnetic starter will need to be terminated in a fused disconnect and #10 wire ran into the magnetic starter using less than 10 feet of cable.

### Recommended Fuse / Breaker Size

(Located in the disconnect enclosure)

	1 Phase	3 Phase	3 Phase	3 Phase
	200-240 V	200-240 V	440-480 V	550-600 V
3 hp	60 AMP	20 AMP	20 AMP	20 AMP
5 hp	90 AMP	30 AMP	20 AMP	20 AMP
7.5 hp	N/A	45 AMP	20 AMP	20 AMP

## General Safety Precautions

1. Be sure the blade rotates clockwise when facing the saw from the left side. Blade must rotate to the front of the saw.
2. Be sure all clamp handles are tight before turning on motor.
3. Keep the blade sharp and properly set.
4. Hold or clamp the material firmly against the guide strip when cutting.
5. Be sure the blade and arbor collars are clean and the recessed side of the collars are against blade.
6. Never oil or grease arm tracks or motor.
7. Do not start machine without proper tool guard.
8. Do not remove the anti-kickback device from the blade guard. Adjust it to just clear the work.
9. Keep motor air slots clean.
10. Return roller head to full rear after each operation.

## General Cautions When Using the Lower Blade Guard:

1. Used properly the lower blade guard is designed to provide protection from contact with the side of the blade. It is not designed to prevent contact with the front or rear of the blade. When the lower guard contacts the fence or material being cut it will rise up and expose the blade. Be careful to keep your hands out of the line of the cut.
2. Lower blade guards may become caught in prior kerfs in the fence or table. Alleviate this by replacing the guide fence frequently. Always stop the saw before attempting to remove a guard that is stuck in a kerf.
3. Short cut-off pieces of wood may become caught between the lower guard and the blade. If this happens shut off the saw and wait until blade stops to remove the piece.
4. The lower blade guard's effectiveness is limited in bevel operations. It may have to be raised out of the way when setting the bevel angle. **Be sure the power is off/locked out and blade is completely stopped before making any adjustment.**
5. Catching the lower guard in saw kerfs when changing the saw setup can be avoided by elevating the saw until the bottom of the guard clears the fence.
6. When ripping narrow strips the lower guard may have to be raised to rest on top of the guide fence. Be sure to use a pusher stick to feed the work.
7. Do not use the lower guard with any accessory other than the correct size blade.

## Using the Adjustable Arm Stop

The arm stop should be used whenever roller head travel needs to be limited, such as when repetitive cross cuts are being made. Use of the arm stop will also prevent the blade from throwing small cut off pieces on the return stroke. **Do not adjust the arm stop unless the power is off and locked out and the blade stopped. The arm stop must be used on the right side of the arm.** Proper adjustment of the arm stop is completed as follows:

1. Pull the roller head forward far enough for the blade to sever the material and travel 1/4" past the material.
2. Lock the roller head to the arm with the riplock and place the arm stop so it is touching the roller head.
3. Loosen the riplock and return the roller head behind the fence.

## Alternate Guide Strip Positions

Your saw was assembled with the guide strip in the most frequently used position on the work table (see figure 3). The guide strip may be moved to alternate positions to accommodate varying uses. Moving the guide strip behind the spacer board will allow for maximum cross cutting capabilities. Moving the guide strip back to the rear board will provide for maximum ripping capability.

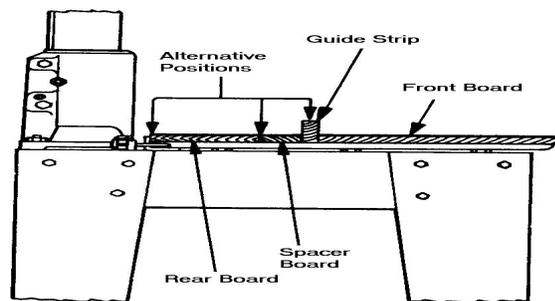


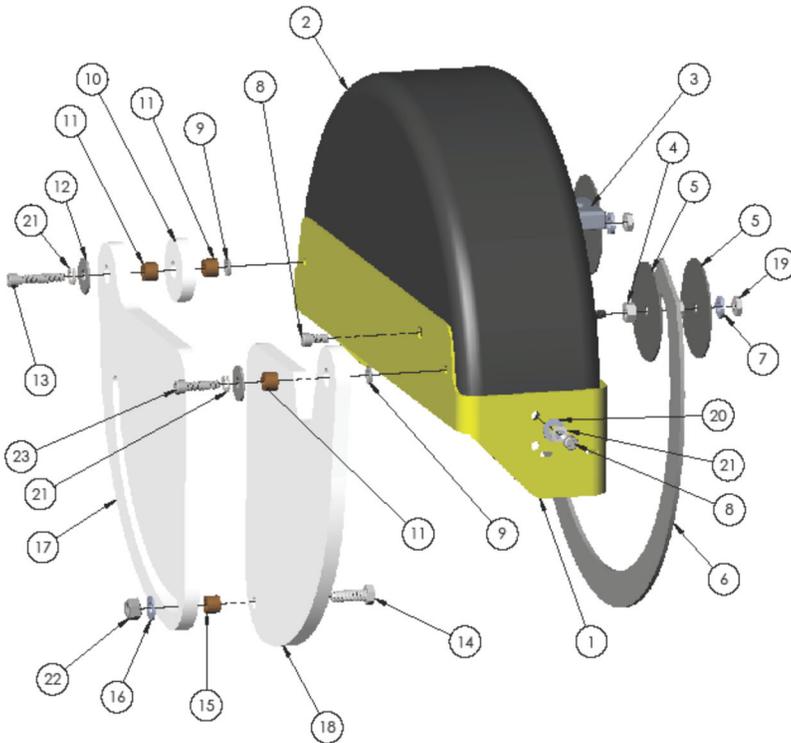
Figure 3

# Parts List and Ordering Instructions

## Order only genuine replacement parts from your Original Saw Company Dealer.

When ordering parts be sure to include:

- Name of manufacturer—Original Saw Company
- Complete machine identification data found on name plate on front of frame
- Complete motor identification from motor name plate
- Quantity, part number and description of parts required
- Complete shipping and billing instructions



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	096614-04	SKIRT, BLADE GUARD 14"	1
2	096614-02	GUARD BODY, 14"	1
3	096694	Guard Mount Bracket	1
4	099370-04	5/16"-18 HEX NUT	4
5	400720	BLADE GUARD RETAINER 12"	4
6	096798-00	RING, 14" GUARD	1
7	099384-07	5/16" LOCK WASHER	2
8	099154-08	1/4-20X1/2 SHCS	3
9	096803-22	POLY WASHER, 1/4	2
10	096614-07	GUARD BLADE SPACER 12"	1
11	096803-04	BUSHING, .25ID X .50OD	3
12	099361-18	Flat Washer 1/4 x 1" zinc	2
13	0996154-22	1/4-20X13/8 SHCS	1
14	082104-02	5/16"-18 x 1 1/4" HEX BOLT	1
15	096803-02	5/16" BRASS BUSHING	1
16	099361-16	5/16" FLAT WASHER	1
17	096614-10	GUARD, BLADE, REAR 12"	1
18	096614-11	GUARD, BLADE, FRT 12"	1
19	099364-04	5/16"-18 HEX NUT	2
20	046084-00	1/4" FLAT WASHER	2
21	91102A750	Wshr. 1/4 Lock ZP	4
22	082024-02	Nut, 5/16-18 Elastic Stop ZP	1
23	082190	Scr 1/4-20 x 1 SHCS Black	1

## 035014-10

14" Guard Assembly, Complete type 5 no rip attachments

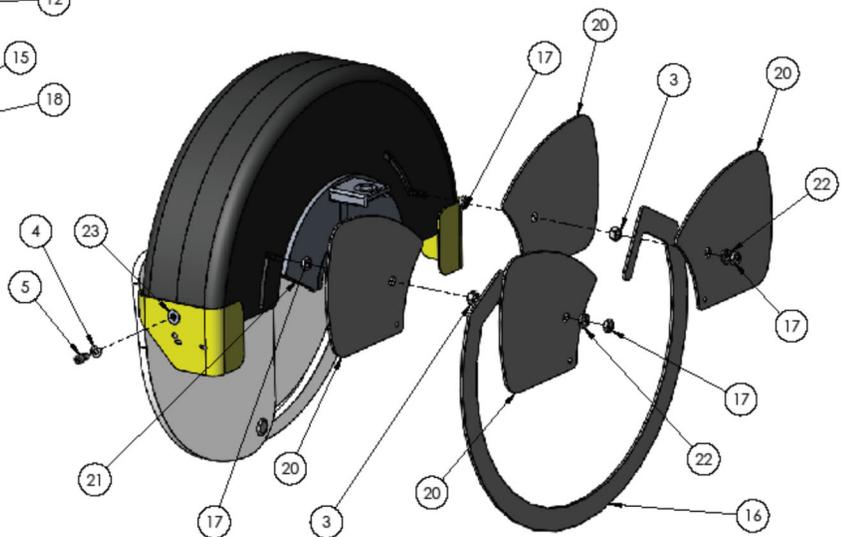
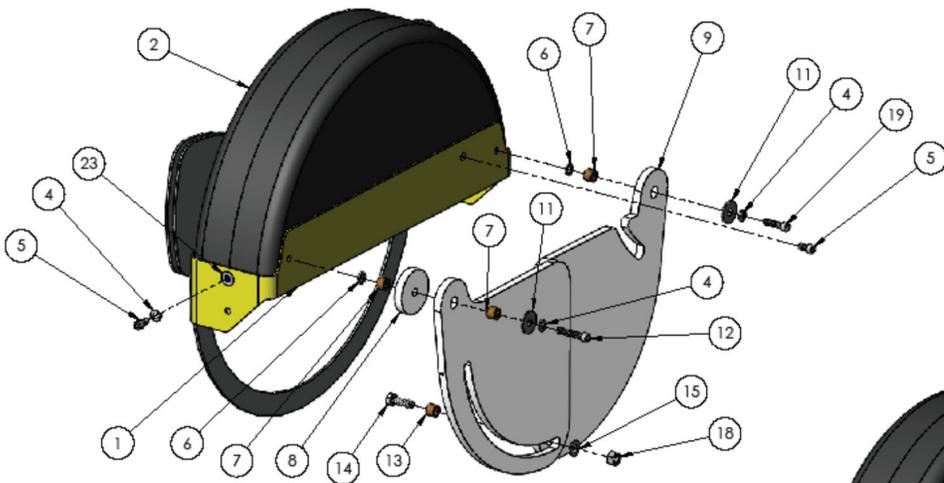


# Parts List and Ordering Instructions

**Order only genuine replacement parts from your Original Saw Company Dealer.**

When ordering parts be sure to include:

- Name of manufacturer—Original Saw Company
- Complete machine identification data found on name plate on front of frame
- Complete motor identification from motor name plate
- Quantity, part number and description of parts required
- Complete shipping and billing instructions



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	123496-04	SKIRT, BLADE GUARD 16"	1
2	123496-02	GUARD BODY, 16"	1
3	099370-04	5/16"-18 HEX NUT	2
4	084173	Wshr. 1/4 Lock ZP	4
5	080588-00	1/4"-20 x 1/2" SHCS	3
6	096803-22	POLY WASHER, 1/4	2
7	096803-04	BUSHING, .25ID X .50OD	3
8	123496-07	GUARD BLADE SPACER 16"	1
9	123496-11	GUARD, BLADE, FRT 16"	1
10	123496-10	GUARD, BLADE, REAR 16"	1
11	080457	Flat Washer 1/4 x 1" zinc	2
12	099154-22	1/4-20X13/8 SHCS	1
13	096803-02	5/16" BRASS BUSHING	1
14	082104-02	5/16"-18 x 1 1/4" HEX BOLT	1
15	099361-16	5/16" FLAT WASHER	1
16	123494-00	16" Lower Guard Ring	1
17	099364-04	5/16"-18 HEX NUT	4
18	082024-02	Nut, 5/16-18 Elastic Stop ZP	1
19	082190	Scr 1/4-20 x 1 SHCS Black	1
20	123493-00	16" Guard Retainer	4
21	096694	Guard Mount Bracket	1
22	099384-07	5/16" LOCK WASHER	2
23	046084-00	1/4" FLAT WASHER	2

## 035016-10

16" Guard Assembly, Complete type 5 no rip attachments

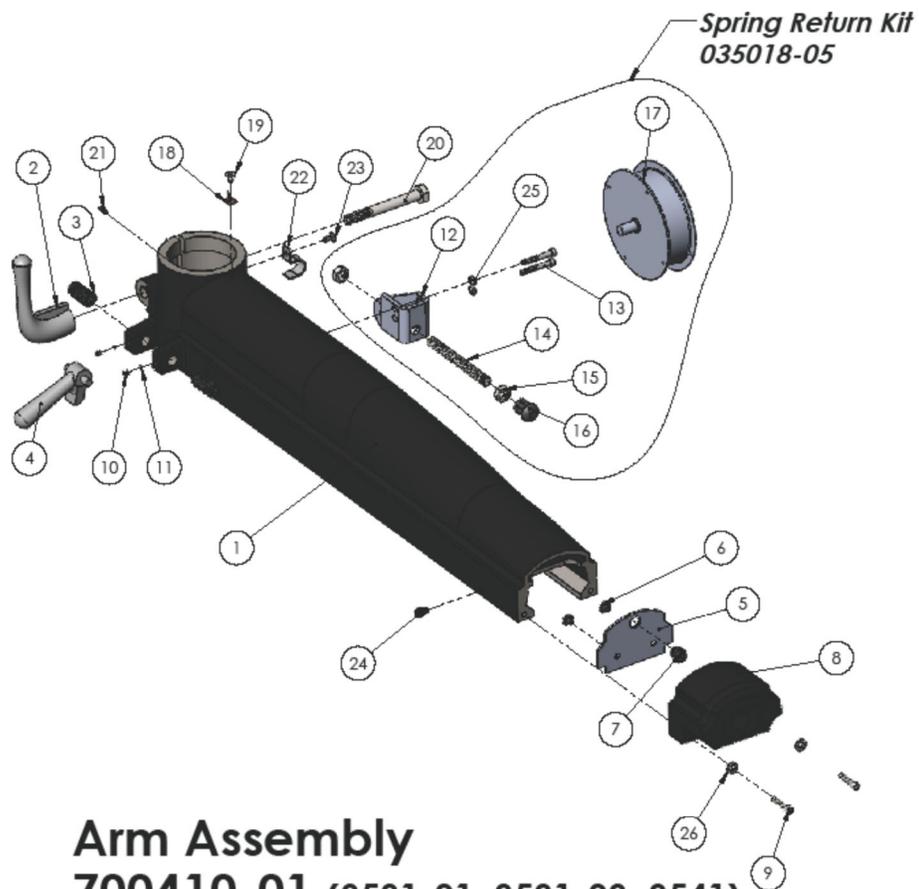
# Parts List and Ordering Instructions

**Order only genuine replacement parts from your Original Saw Company Dealer.**

When ordering parts be sure to include:

- Name of manufacturer—Original Saw Company
- Complete machine identification data found on name plate on front of frame
- Complete motor identification from motor name plate
- Quantity, part number and description of parts required
- Complete shipping and billing instructions

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	123518-00	32" HD Arm (Std)	1
	123518-01	40" HD Arm (Med)	1
2	083294	HD Arm Clamp Handle	1
3	083122	Miter Latch Screw	2
4	096767	HD Miter Latch	1
5	088183-01	HD Dust Cover w/ bumper holes	1
6	070869	Bumper	2
7	048822	Strain Relief	1
8	096728-02	HD End Cap w/ single hole	1
9	082190	1/4-20 x 1" Soc Hd Cap Scr	2
10	082387	Scr 1/4-20 x 1/4 SSCPPT Black	2
11	083412	1/4" Set Screw Slug	2
12	084962-01	HD Bracket, Reel Mounting Type 2	1
13	099154-28	1/4-20 x 1 5/8 Soc Hd Cap Scr	2
14	088186	HD Bumper Stud Cut to Length	1
15	099366-10	HEX JAM NUT, 1/2-13	2
16	068653-01	1/2" Rod Bumper	1
17	066212-00	Spring Return	1
18	203597-01	Pointer	1
19	080489	PHPS, 1/4-20 X 3/8	1
20	096771-01	Arm Clamp Bolt	1
21	080648	1/4-20 x 1/2 Cup Pt Set Screw	1
22	81778	Cable Clamp	1
23	080634	Scr 1/4-20 x 1/2 Rd.Hd.Sltd.Mach.ZP	1
24	082200	Scr 5/16 x 3/8 SHCS Black	1
25	084173	Wshr. 1/4 Lock ZP	2
26	099384-07	5/16" LOCK WASHER	2



## Arm Assembly

700410-01 (3531-01, 3531-03, 3541)

700420-01 (3536-01, 3536-03, 3546)

# Parts List and Ordering Instructions

## Order only genuine replacement parts from your Original Saw Company Dealer.

When ordering parts be sure to include:

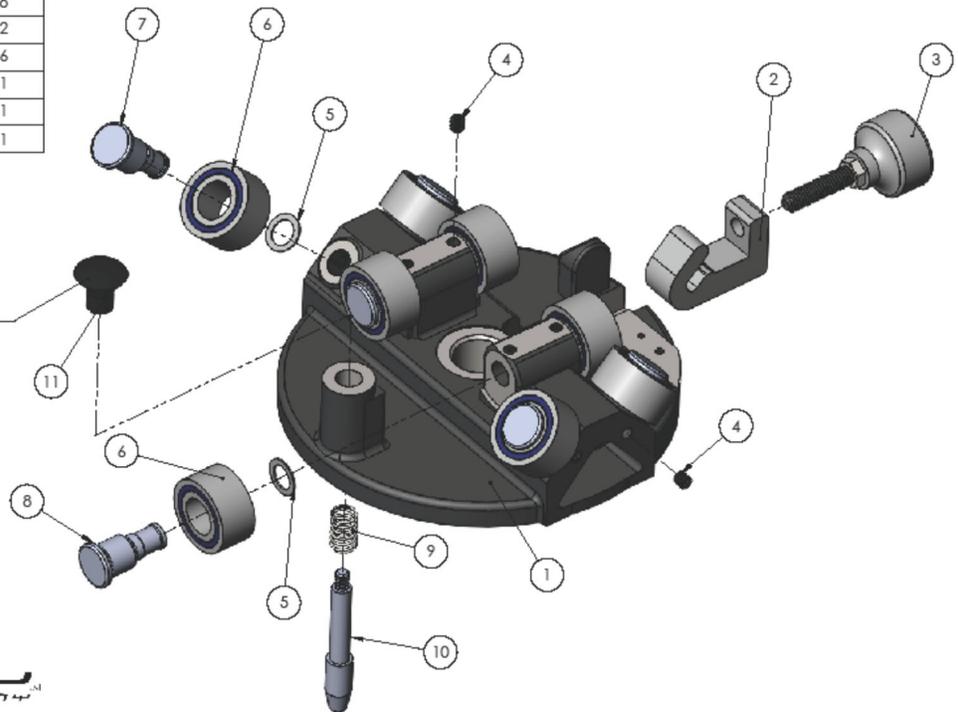
- Name of manufacturer—Original Saw Company
- Complete machine identification data found on name plate on front of frame
- Complete motor identification from motor name plate
- Quantity, part number and description of parts required
- Complete shipping and billing instructions

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	96769	HD Rollerhead	1
2	096766	Clamp Shoe Adj. Arm Stop	1
3	68654-07	Knob and stud assy - adj arm stop	1
4	082387	Scr 1/4-20 x 1/4 SSCPPT Black	8
5	103422	Bearing Shaft Washer	8
6	081476-01	Bearing	8
7	096770	Bearing Shaft - Eccentric	2
8	116406	Bearing Shaft - Concentric	6
9	088165	Locating Pin Spring	1
10	119510	Locating Pin	1
11	069532-00	Ball Knob	1

**HD Roller Head  
700500-02**



*Included with Rip Kit*



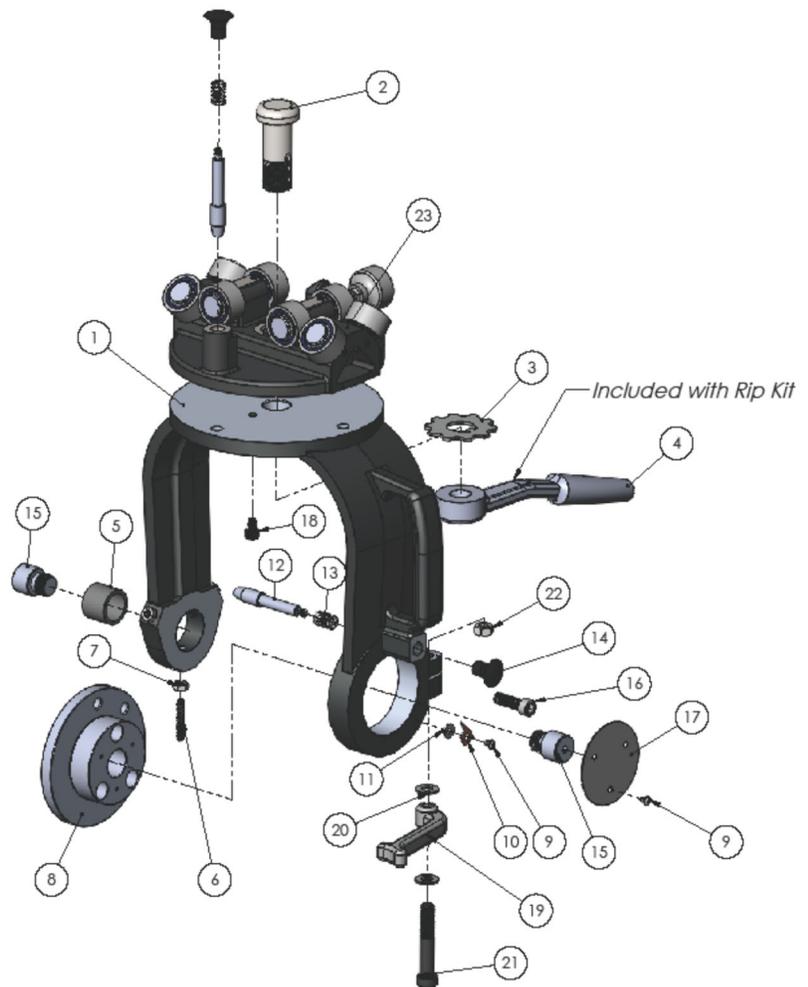
# Parts List and Ordering Instructions

**Order only genuine replacement parts from your Original Saw Company Dealer.**

When ordering parts be sure to include:

- Name of manufacturer—Original Saw Company
- Complete machine identification data found on name plate on front of frame
- Complete motor identification from motor name plate
- Quantity, part number and description of parts required
- Complete shipping and billing instructions

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	96737	HD Yoke	1
2	067927	KING BOLT	1
3	068655	Adjuster Washer	1
4	096774	YOKE CLAMP HANDLE	1
5	101122	TRUNION BUSHING	1
6	082403-00	1/4"-20 CP SET SCREW	3
7	099364-04	Nut 5/16-18 Hex Jam	3
8	83356-01	DIAL PLATE	1
9	099262-04	PHPS, 8-32 X 1/4	4
10	203588-01	Pointer	1
11	030251	#10 flat washer	1
12	119510	Locating Pin	1
13	088165	Locating Pin Spring	1
14	069532-00	Ball Knob	1
15	101121	Trunion Stud	2
16	082173-00	3/8"-16 x 1 1/4" SHCS	3
17	101118	HD Dial Logo Plate	1
18	082200	Scr 5/16 x 3/8 SHCS Black	1
19	201361	Bevel clamp handle	1
20	080674	3/8" Flat Washer	2
21	082182	SHCS, 3/8-16 X 2 3/4	1
22	99370-07	HEX NUT, 5/16-18	1
23	HD Roller Head Assembly	<b>SEE PAGE 10</b>	1



## HD Yoke Assembly 700300-03



# Parts List and Ordering Instructions

## Order only genuine replacement parts from your Original Saw Company Dealer.

When ordering parts be sure to include:

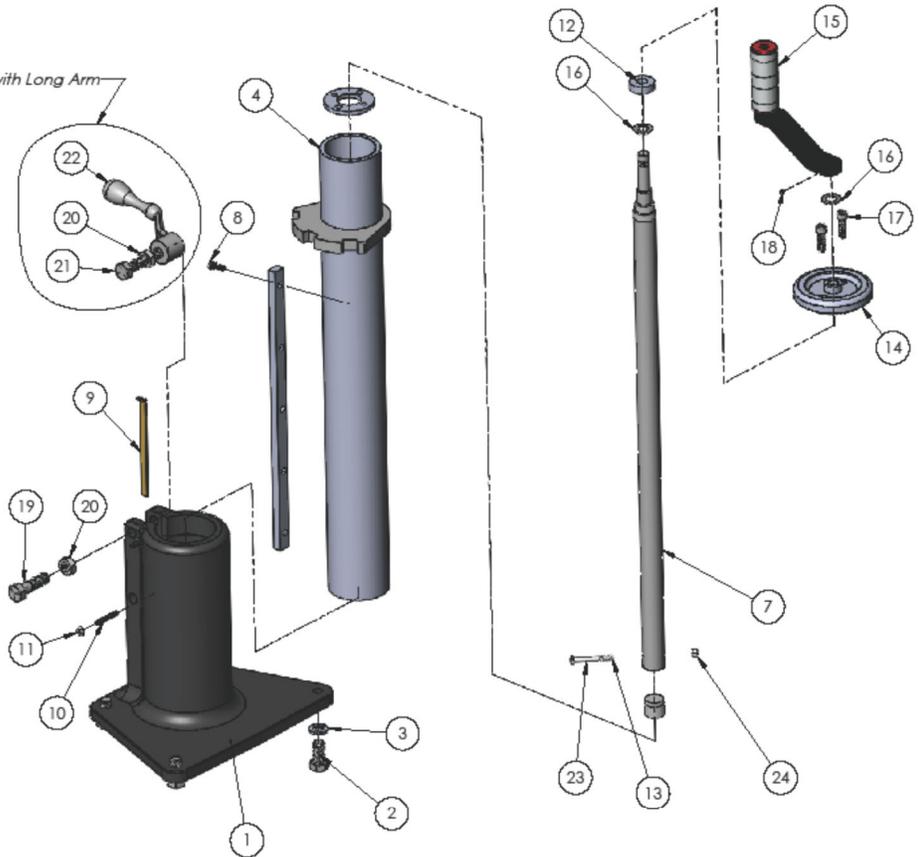
- Name of manufacturer—Original Saw Company
- Complete machine identification data found on name plate on front of frame
- Complete motor identification from motor name plate
- Quantity, part number and description of parts required
- Complete shipping and billing instructions

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	122332-01	HD Base	1
2	099174-01	5/8"-11 X 1 1/4" HEX HEAD BOLT	4
3	080682-00	5/8 Lock Washer	4
4	088166	HD Column	1
7	096742	Elavating Assembly	1
8	082205	SHCS 5/16-18 X 5/8	6
9	121616-00	HD & CD Gib	1
10	096897-00	1/4"-20 x 1 3/4" CPSS	2
11	099374-05	1/4"-20 HEX JAM NUT	2
12	080501-00	Thrust Bearing	1
13	046084	1/4" WASHER	1
14	121267-01	HD THRUST CAP	1
15	070964-03	CRANK HANDLE ASM	1
16	121451	Special Washer	2
17	082173-00	3/8"-16 x 1 1/4" SHCS	2
18	096714	1/4-20 x 5/16 SET SCREW	2
19	096722-01	5/8"-11 X 2 1/2" HEX HEAD BOLT	1
20	081988-00	5/8"-11 HEX JAM NUT	2
21	096722-02	5/8"-11 X 3 1/2" HEX HEAD BOLT	1
22	103206	HANDLE	1
23	082023-02	1/4"-20 x 2 1/4" HEX BOLT	1
24	082024-00	1/4"-20 LOCK NUT	1

### HD Base and Column Assembly

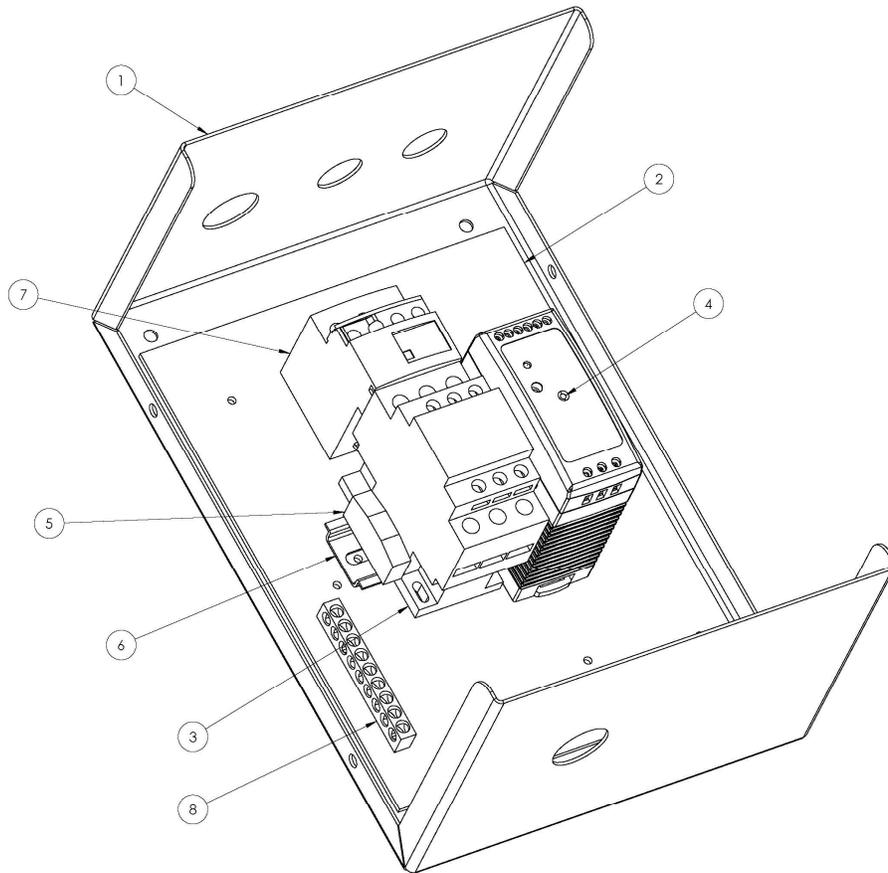


*Included with Long Arm*



# Magnetic Starter Assembly

Magnetic starter with DC control circuit For Heavy Duty Series models



Index No.	Description	Qty
<b>Entire assembly part numbers</b>		
1	Enclosure (2 pcs back and door)	1
2	Subplate	1
3	Contactor	1
4	DC power supply	1
5	End stop (din rail)	2
6	Din Rail	1
7	Thermal overload	1
8	Ground lug	2

5hp 3 phase 230 v
<b>700740-12-230</b>
201474-28
201474-28s
122108-82-24vdc
122105-70-100/260
068720-16
hardware item
122110-85
081769-06

5hp 3 phase 460 v
<b>700740-07-460</b>
201474-28
201474-28s
122108-82-24vdc
122105-70-200/550
068720-16
hardware item
122110-82
081769-06

3hp 1 phase 220 v
<b>700740-16-230</b>
201474-28
201474-28s
122108-82-24vdc
122105-70-100/260
068720-16
hardware item
122110-86
081769-06

# Parts List and Ordering Instructions

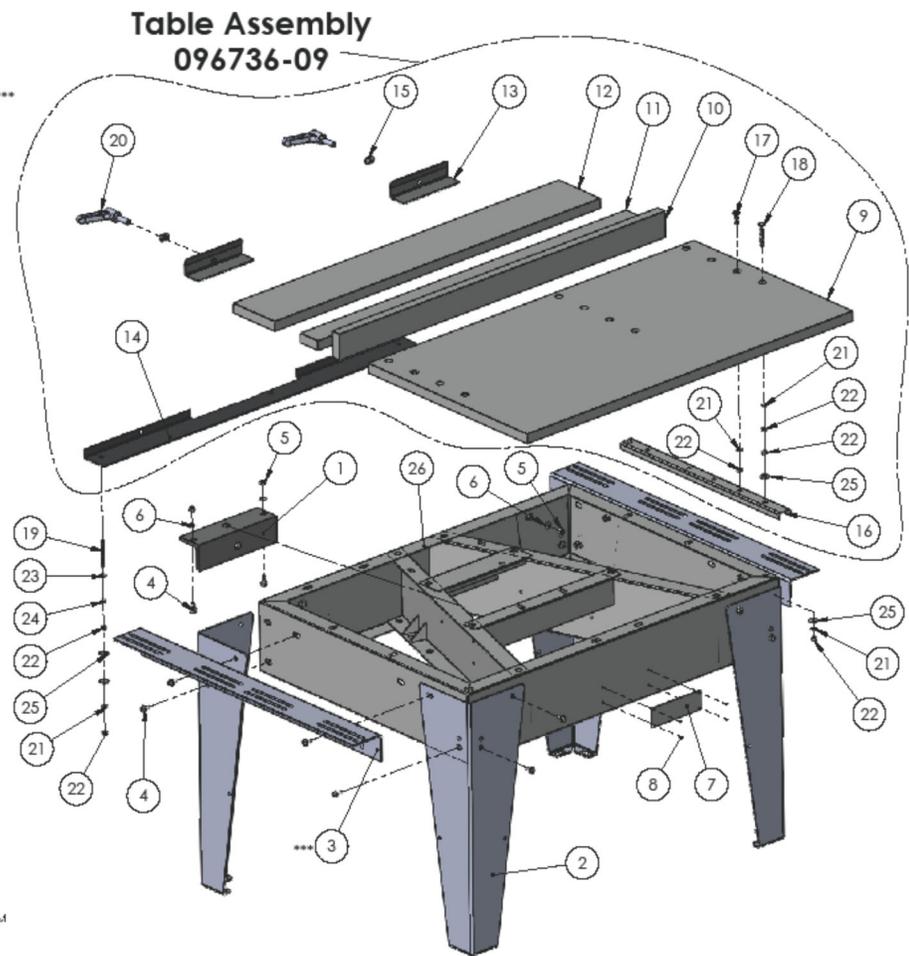
**Order only genuine replacement parts from your Original Saw Company Dealer.**

When ordering parts be sure to include:

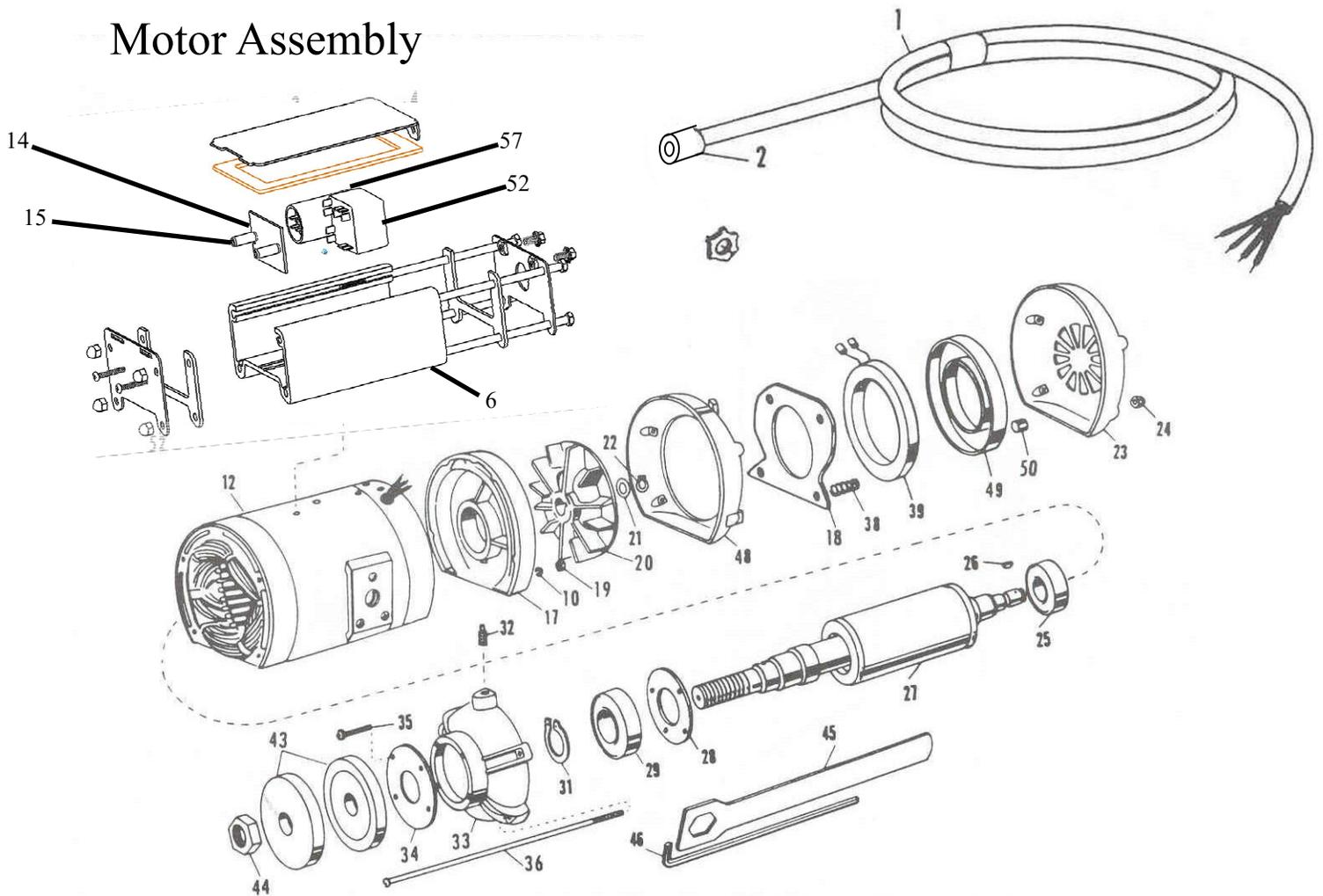
- Name of manufacturer—Original Saw Company
- Complete machine identification data found on name plate on front of frame
- Complete motor identification from motor name plate
- Quantity, part number and description of parts required
- Complete shipping and billing instructions

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	088182-02	LOWER ELEV. BRCKT	1
2	088181-01	HD/CD TABLE LEG	4
*** 3	084156-06	EXTENSION TABLE BRACKETS	2
4	082102	3/8-16 x 1 Hex Screw	18
5	084180-00	3/8-16 Hex Nut	18
6	000415	LOCK WASHER, 3/8	18
7	123459	Machine Name Plate	1
8	012122	DRIVE SCREW	4
9	096730	HD Front Table Board 25"	1
10	096731	HD Table Guide Strip	1
11	096732	HD Table Spacer Board	1
12	096734-02	HD Table Board Rear	1
13	068666-05	CLAMP, TABLE	2
14	096729-04	CLAMPING CLEAT, LARGE	1
15	099065	WELD NUT, 1/2-13	2
16	096735-02	HD Table Cleat w standoff	3
17	096779-01	CRG BOLT, 5/16-18 X 1.25	6
18	096778-01	CRG BOLT, 5/16-18 X 2.5	6
19	100155-44	SET SCREW, 5/16-18 X 3	3
20	068706	Knob;Clamping ratchet 1/2"	2
21	099384-07	5/16" LOCK WASHER	21
22	099370-04	5/16"-18 HEX NUT	30
23	099361-16	5/16" FLAT WASHER	3
24	099364-04	5/16"-18 HEX NUT	3
25	099361-18	Flat Washer 5/16 x 1" zinc	18
26	088180	HD FRAME	1

\*\*\* OPTIONAL \*\*\*



# Motor Assembly



Index No.	Part No.	Description	Qty
1	064540	#14-4 motor cable	1
2	081724-01	Strain Relief—Liquid tight fitting	1
	068820-02	Nut—for strain relief	1
4	123466-02	motor data label 3 phase	1
	123466-08	motor data label 1 phase	1
5			
6	088175-11	Motor conduit Box Assembly	1
7	000418	#8 lock washer	2
10	000417	#10 lock washer	6
11	096994	10-24 x 3/4 pan hd mach screw	2
12	123412-95	Stator 230/460 Volts 3 ph	1
	123412-96	Stator 575 Volts 3ph	1
	123411-56	Stator 230 Volts 1 ph	1
13			
14	072222	Brake module	1
15	123420	spacer (brake module)	2
16	099248-28	#8-32 x 1 3/4 pan hd mach screw	2
17	541003	Fan End Bell	1
18	123402	Brake Disk	1
19	081953	#10-24 hex nut	4
20	123417	fan assembly	1
21	539160	shim washer (.002)	AR
	539161	shim washer (.005)	AR
	539162	shim washer (.010)	AR
22	037846	retaining ring	1
23	541007	fan housing	1
24	081932	#10-24 hex cap nut	4
25	123414	Ball Bearing	1
26	026587	Woodruff Key	1
27	123408	Rotor and Shaft	1
28	083419	Bearing Cap	1
29	123413	Ball Bering	1

Index No.	Part No.	Description	Qty
31	541351	Retaining Ring	1
32	123497-02	Sud Kit	1
33	088146	Arbor End Bell	1
34	070786-01	Cover Plate	1
35	099263-20	#10-24 x 1 1/4 pan hd mach screw	4
36	123419	Tie Rod	4
37			
38	123418	Spring (brake)	4
39	123406-01	Brake Coil Assembly	1
43	101820-01	Arbor Collar (ground)	2
44	081433	Arbor Nut	1
45	301020-02	Arbor Wrench Flat	1
46	203511	Arbor Wrench Allen	1
47	121319-71	Connection Diagram 208/230/460 v	1
	121318-71	Connection Diagram 575 v	
	123460-71	Connection Diagram 220 v 1 phase	
48	123403	Fan Baffle	1
49	123404	Coil Housing	1
50	121341	Bumper (peel & stick)	3

Single phase only below line (motor # 123424-00)

52	068595-03	Relay	1
53	099249-05	#10-24 x 3/8 pan hd mach screw	1
54	099361-10	#10 flat washer	1
55	000417	#10 lock washer	1
57	083382-05	Capacitor	1
Parts not shown ss wire connector for motor leads ( 081733 & 081730 )			

## Industrial Use Warranty Information

Your new Original Radial Arm Saw is precision manufactured under strict quality standards. In the unlikely event there is trouble with your machine, the Original Saw Company warrants the machine for the period of one year from the date of purchase. The warranty covers defects in materials and workmanship. We will cover the cost of the defective part and ground shipping. If a replacement part is sent under warranty the defective part must be returned to Original Saw Company or you will be charged for the replacement. The part must also be accompanied by a return goods authorization number. This number can be obtained by calling customer service at 1-800-733-4063. When the part is returned it may be repaired or replaced at our discretion. The part must be shipped prepaid to: The Original Saw Company, Attn. Warranty Replacement Counter, 465 Third Avenue SE, Britt, Iowa 50423.

**IMPORTANT**

**IMPORTANT**

**IMPORTANT**

To assure product reliability, repairs, maintenance and adjustments should be performed by Authorized Service Centers, always using genuine replacement parts.

**For parts or service please contact Original Saw for the dealer nearest you.**



465 Third Ave SE  
P.O. Box 331  
Britt, IA 50423  
PH 800/733-4063 641-843-3868  
FX 641 / 843-3869  
E-mail [customerservice@originalsaw.com](mailto:customerservice@originalsaw.com)  
[www.originalsaw.com](http://www.originalsaw.com)