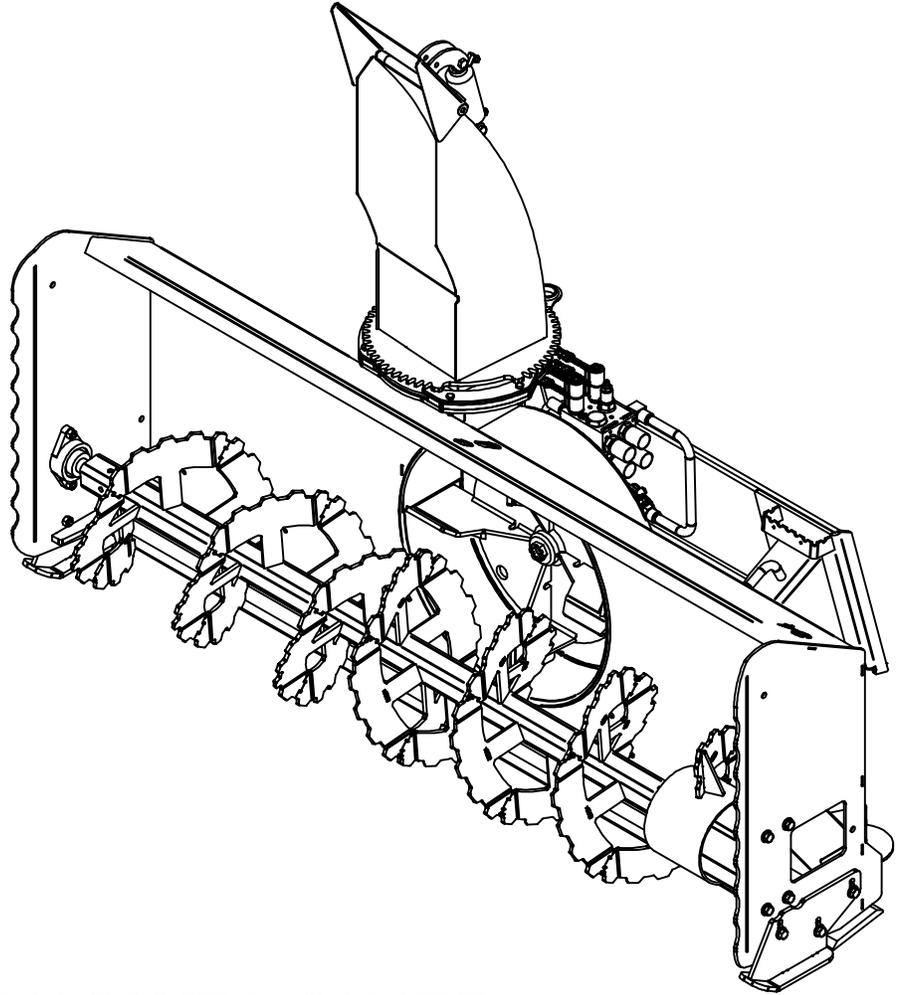


ERSKINE[®]

ATTACHMENTS LLC



HYDRAULIC SNOWBLOWER MODELS SB300/360/360XL

**Operator's Manual
Maintenance & Parts Information**



Read this Manual Before Use

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NOTE: Write your serial number for your attachment in the spaces below. Always refer to this serial number when calling for services parts.

Serial Number

Attachment Dealer

Address

Phone Number

Contact

NOTE: Erskine Attachments LLC reserves the right to make improvements in design or changes in specifications at any time without notice and without incurring any obligations to install them on units previously sold.

SAFETY

DO NOT use or perform maintenance on this machine until this manual has been read and understood. In addition, read the Operation and Maintenance Manual(s) pertaining to the attachment and the attachment carrier (“Loader”).

The user is responsible for inspecting the machine daily, and for having parts repaired or replaced when continued use of the machine would cause damage, excessive wear to other parts or make the machine unsafe for continued operation.

If an operating procedure, tool device, maintenance or work method not specifically recommended is used; you must satisfy yourself that it is safe for you and others. You must also ensure that the attachment will not be damaged or made unsafe by the procedures you choose.

Erskine Attachments LLC cannot anticipate every possible circumstance that might involve potential hazard. The safety messages found in this manual and on the machine are therefore not all inclusive

The signal words **CAUTION**, **WARNING**, or **DANGER** are used to indicate hazards.

CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

DANGER

Indicates a potentially hazardous situation which, if not avoided, will result in death or serious injury.

The word **IMPORTANT** is used in the text when immediate damage will occur due to improper technique or operation.

The word **NOTE** is used to convey information that is out of context with the manual text; special information such as specifications, techniques, reference information, and other information of a supplementary nature.

SAFETY

Improper operation can cause serious injury or death.

PRE-OPERATION

- **NEVER** use this attachment for purposes other than intended.
- Read the operator's manual for the "Skid Steer Loader". **NEVER** allow untrained people to operate.
- Operating instructions must be given to everyone before operating this machine and at least once a year thereafter in accordance with OSHA regulations.
- **NEVER** exceed the maximum recommended input power or speed specifications for the attachment. Over-powering or over-speeding the attachment may cause personal injury and/or machine damage.
- •Keep all shields, guards, and covers in place.
- Do not modify equipment or add attachments that are not approved by Erskine Attachments LLC.
- Use adequate safety warning lights and devices as required by local regulations. Obey all local laws and regulations regarding machine operation on public property.

OPERATION

- Always wear eye protection that meets z87.1 or use with a loader enclosure that provides similar protection.
- Hydraulic connections may be hot after use. Use gloves if connecting or disconnecting after use.
- Check and be sure all operating controls are in neutral before starting the engine.
- Keep people away from loader, attachment and discharge when in use. This attachment sends objects flying and has rotating parts. **NEVER** direct discharge toward people – rocks and debris can be thrown.

OPERATION (continued)

- **NEVER** operate near embankments or terrain that is so steep that rollover could occur.
- Always stay in the operator position when using the attachment.
- Before leaving the operators position, disengage hydraulic drive, lower the attachment to rest flat on the ground, stop engine, set park brake, and wait for all motion to stop.
- **NEVER** place hands in the discharge chute or clear debris while engine is running.

AVOID HIGH PRESSURE FLUIDS HAZARD

- Escaping fluid under pressure can penetrate the skin causing serious injury.
- Avoid the hazard by relieving the pressure before disconnecting hydraulic lines.
- Use a piece of paper or cardboard, **NOT BODY PARTS**, to check for suspected leaks. Wear protective gloves and safety glasses or goggles when servicing or performing maintenance on hydraulic systems.
- If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result.

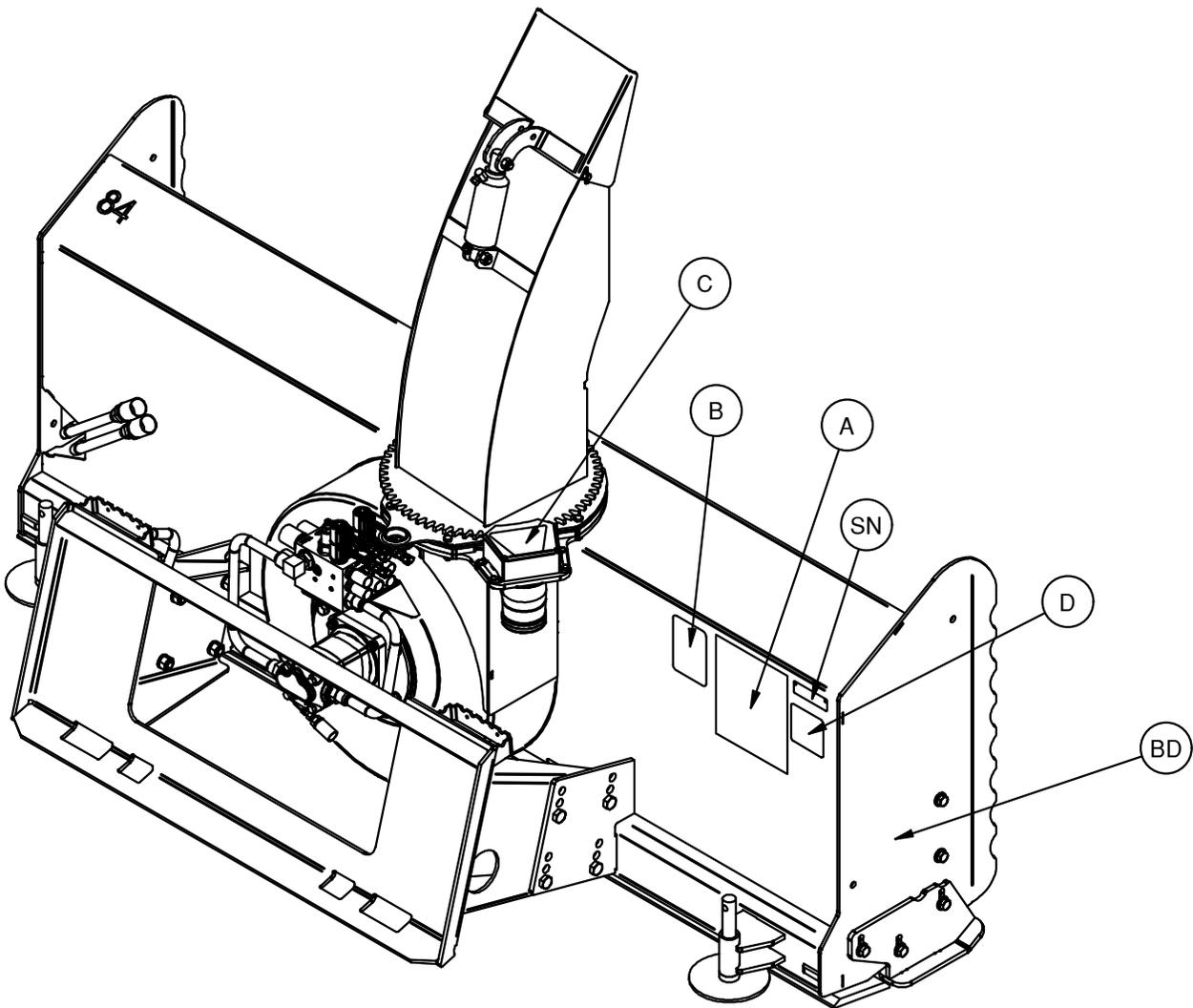
MAINTENANCE

- **NEVER** make adjustments, lubricate, clean, or perform any service on the machine while it is in operation.
- Make sure the attachment is serviced on a daily basis. Improper maintenance can cause serious injury or death in addition to damage to the attachment and/or your equipment.

DECAL INFORMATION

Serial Number Location:

It is important to refer to the serial number of your attachment when making repairs or ordering parts. Early or later models (identification made by serial number) may use different parts, or it may be necessary to use different procedures in doing a specific operation. Please see below for Serial Plate location.



DECAL INFORMATION

A



Part number: 315989
 Location: Back right of body
 Quantity: 1

B



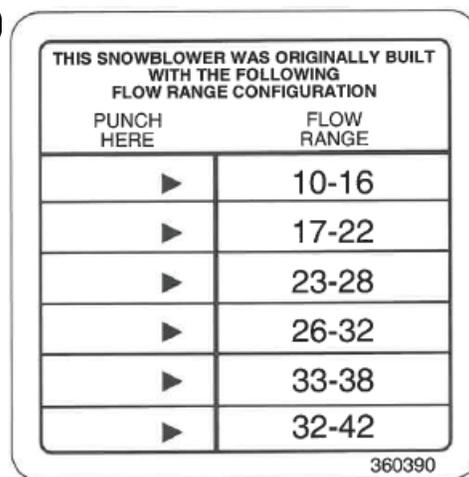
Part number: 20001
 Location: Back right of body
 Quantity: 1

C



Brand Decal: 332218
 Location: Chute rotate cover
 Quantity: 1

D



Part number: 360390
 Location: Back right of body
 Quantity: 1

BD

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ATTACHMENTS

Brand Decal: Large
 Location: On each end plate
 Quantity: 2

Safety Decals Locations:

The locations of the safety decals are shown. If these decals are missing, damaged, or painted over they must be replaced. Call Erskine Attachments LLC (218-435-4045) for replacement decals.

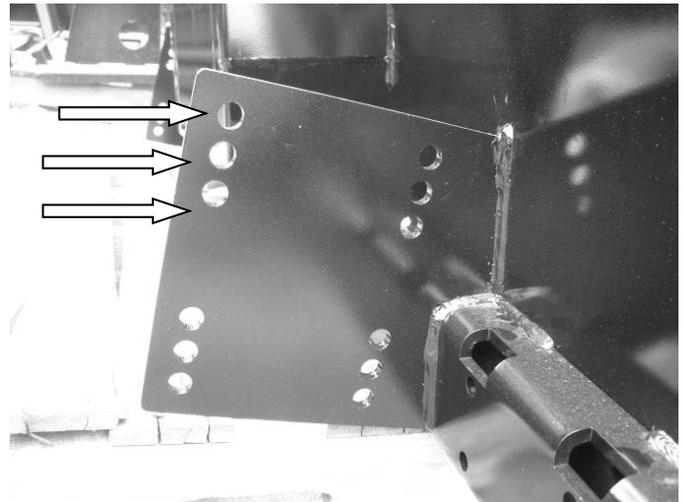
SET UP ASSEMBLY

Crate Removal and Assembly

1. Remove screws to disassemble crate.
2. Remove chute from plastic bags.

The mounting plate can be installed in the “lower” position for most skid steers with standard sized tires, or in the “middle” or “upper” position for skid steers with taller or oversized tires. The mounting plate position can also be adjusted to change the pitch of the blower in the working position.

IMPORTANT: Make sure the bolts on the mounting plate are tight. If you remove the mounting plate, re-tighten the bolts to 130 ft-lbs.



SET UP ASSEMBLY

Discharge Chute Installation

1. Remove the two bolts and washers from the top right hand chute assembly.



2. Slide chute onto body underneath the top plate of the chute assembly.



3. Re-tighten nuts onto bolts.



SET UP ASSEMBLY

Discharge Chute Installation (continued)

1. Install the cylinder with the rod end to the deflector ears. Fasten with two 1/2" bolts.

NOTE: Usually the hoses will remain connected to the cylinder when the chute is removed.

2. Be sure the hoses are routed properly through the hose "hook" to allow the chute to rotate freely in both directions without the hoses getting caught.



IMPORTANT: Proper hose routing is the responsibility of the owner and/or operator. Pinched or stretched hoses are not covered under warranty.



Adjusting the Skid Shoe Height

1. Raise the loader arms and tilt the snowblower back just enough to remove the skid shoe (about 12 inches off the ground).
2. Stop the engine and exit the loader.
3. Remove the lynch pin on the skid shoes. Install washers on the bottom for the desired skid shoe height. Reinstall the lynch pin.



SETUP INSTRUCTIONS

Wire Harness Installation

A wire harness is needed to activate the rotation and deflection. If the loader is equipped with an attachment control package, the appropriate harness should be installed from the factory.

If the snowblower was ordered with the pistol grip control harness, follow these instructions:

1. Install the control handle on either steering lever, whichever you prefer, with two (2) hose clamps.

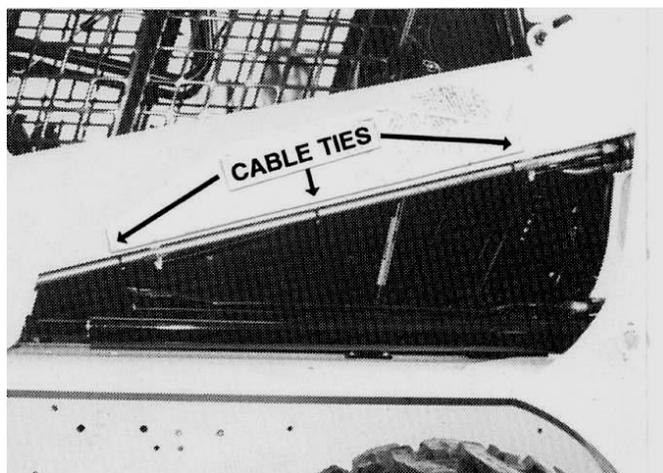
NOTE: The control handle bracket can be positioned several different ways. We recommend it be positioned as shown.

2. Put a cable tie around the wiring harness and the steering lever.
3. Install the wire harness receptacle bracket on either the loader arm or near the hydraulic quick couplers.

NOTE: It may be necessary to make an adapter bracket in order to attach the wire harness to the loader.

4. Route the wire harness back along the loader arms and fasten with cable ties.

IMPORTANT: Be sure to leave some slack in the wire harness where the loader arms pivot to prevent stretching the harness. Make sure the harness is fully secured to prevent snags or pinching.



SETUP INSTRUCTIONS

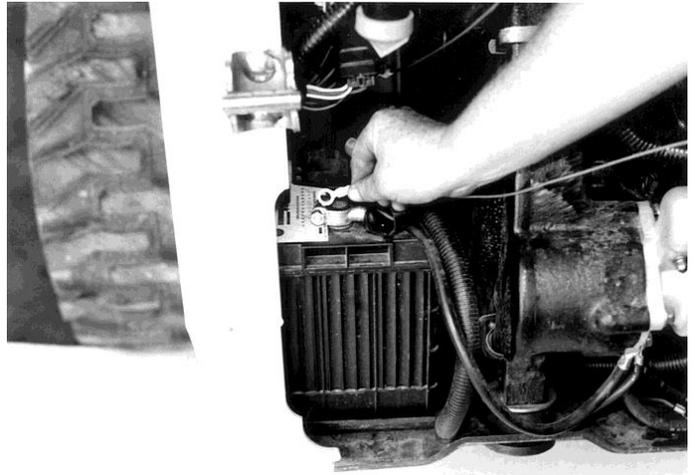
Wire Harness Installation (continued)

5. Open the rear door. Pull the excess wire harness into the engine compartment.
6. Raise the operator cab. (See loader's operator's manual for the correct procedure.)
7. Connect the red fused wire to the positive battery terminal or to a suitable accessory wire with a minimum rating of 5 amps. Route the wiring along the loader main frame toward the front of the loader.
8. Connect the black wire from the harness to a frame ground.
9. Fasten the control handle wire harness connector to the main wire harness connector.

IMPORTANT: Secure the wire harness in place with plastic cable ties, making sure it is clear of extra hot areas or any moving parts on the engine or loader. Pinched, stretched, or melted wire harnesses are not covered under warranty.

10. Lower the cab. (See your loader's operator's manual for the correct procedure.)

IMPORTANT: Be sure the control handle wire harness is properly positioned as the cab is lowered.



MOUNTING INSTRUCTIONS

After the initial set-up assembly is completed use the following procedure to mount the attachment to the loader for user operation.

⚠ WARNING

Coupler wedges or pins must extend through holes in attachment. Levers must be fully down and locked. Failure to secure wedges or pins can allow the attachment to come off and cause injury or death.

1. Use the step, safety treads, and grab handles to get on and off the loader and attachment.
2. Sitting in the operator's seat, lower seat bar (if so equipped) and fasten the seat belt.
3. Drive the loader to the rear of the attachment. Put the loader quick attach coupler into the attachment mounting bracket.
4. Tilt the loader coupler backward a small amount until it is fully engaged in the attachment mounting bracket.
5. Stop the engine and engage the park brake.
6. Secure the coupler locking mechanism that attaches the attachment to the loader.
7. Connect the hydraulic quick couplers from the attachment to the loader.
8. Make sure the hoses are properly routed to fit your specific loader. If the hoses are not routed correctly, hoses may get pinched or rub on tires. Be sure to check the hose routing through the full range of intended motion of the attachment before operating it.



MOUNTING INSTRUCTIONS

IMPORTANT: Wipe the ends of the hydraulic quick couplers (both lead and loader) with a rag to remove any possible contamination. Contamination can cause hydraulic components to fail and is not covered under warranty.

IMPORTANT: Make sure the quick couplers are fully engaged. If the quick couplers do not fully engage, check to see that the couplers are the same size and brand. Do not force the quick couplers together.

NOTE: See the loader's operator's manual for auxiliary hydraulic specifications and connection instructions.

NOTE: Attachment is shipped with 8FJX (1/2" Female JIC Swivel) fittings on the ends of the lead hoses.

NOTE: More than one routing may be acceptable depending on the loader. Pick the routing that best suits your loader.

IMPORTANT: Proper hose routing is the responsibility of the owner and/or operator. Pinched or stretched hoses are not covered under warranty.

NOTE: Mounting is now complete and the attachment is ready for operation. Use reverse order of above instructions to dismount the attachment from the loader.



OPERATING INSTRUCTIONS

1. Make sure area is free of obstructions that might be picked up and thrown.
2. With the operator in the seat of the loader, the seat belt fastened and the seat bar lowered (if so equipped), start the engine.
3. Rest the snowblower on the skid shoes (if equipped) and/or cutting edge depending on the application.

⚠ WARNING

Keep people away from loader, attachment and discharge when in use. This attachment sends objects flying and has rotating parts. Never direct discharge toward people – rocks and debris can be thrown.

⚠ WARNING

To improve stability, always carry attachment low to the ground while driving.

4. Make sure the skid shoes are set to the position that will most benefit your application.
5. If desired, the loader lift arms can be put in the float position. (See your loader's operator's manual.)
6. Activate the auxiliary hydraulic system to start the snow blower turning. (See loader's operator's manual.)

IMPORTANT: Engine must be at idle speed when engaging auxiliary hydraulic system.

NOTE: Certain loaders may require special wire harnesses to operate in high flow mode. Others require the control switches to be operated in a specific way. It may also be necessary to switch the hose couplers around to match your loader. (See loader's operator's manual.)

IMPORTANT: Operating a low flow snowblower in high flow mode will cause serious damage and voids all warranties.



OPERATING INSTRUCTIONS

Hydraulic Chute Rotation and Deflection

All chute functions can be activated by the steering lever switches on the loader (if loader is fully equipped), or with the pistol grip control harness.

FUNCTIONS ARE ACTIVATED AS FOLLOWS:

- (A) Button 1 moves deflector UP.
- (B) Button 2 moves deflector DOWN.
- (C) Button 3 rotates chute LEFT.
- (D) Button 4 rotates chute RIGHT.

After you become familiar with the controls, direct the chute towards an open space and away from bystanders or obstructions. Operate the engine at full throttle and start moving the loader forward into the snow.

NOTE: For steering lever functions, refer to your loader's operator's manual.

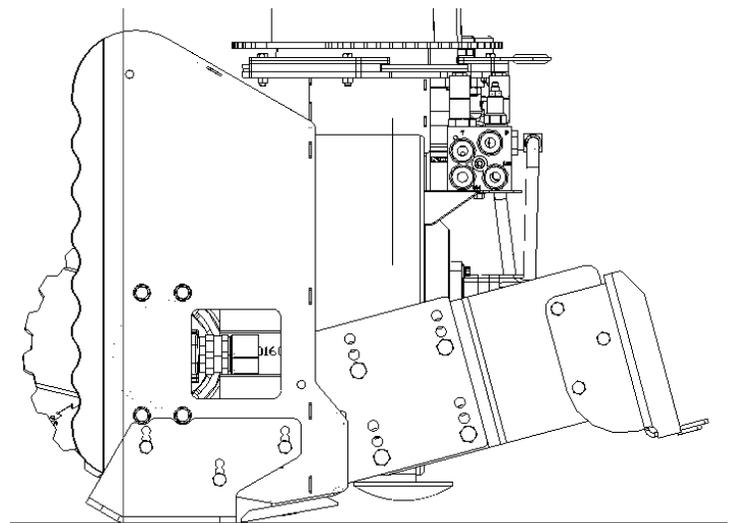
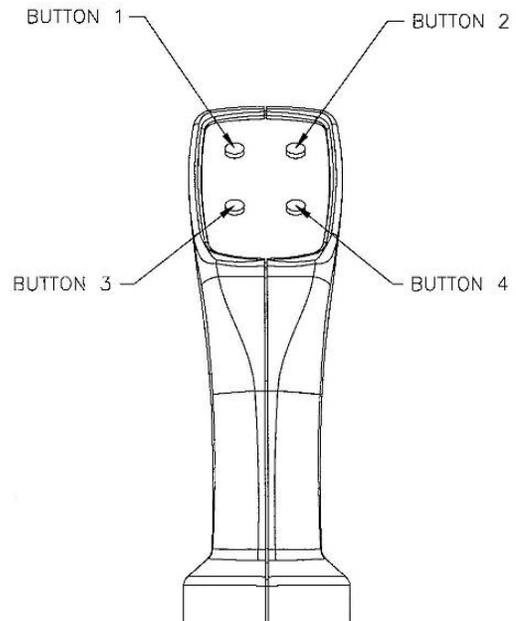
NOTE: The loader travel speed is determined by the depth and density of the snow.

IMPORTANT: Do not operate the snowblower if excessive vibration is present. Serious damage can occur. Check auger and fan.

Cutting Edge Angle

The snowblower can be angled front to back by rolling the mounting plate forward and back. This allows for non-cutting (riding on skid shoes), neutral position (shown), and aggressive cutting positions depending on the conditions. The snowblower will not cut when in the rolled back position and will cut aggressively when rolled forward.

IMPORTANT: Do not operate the snowblower with a rolled forward angle of more than 10 degrees (as shown at right) or the endplates and auger may strike the ground leading to excessive wear and poor performance.



ROUTINE MAINTENANCE

⚠ WARNING Lower the attachment to rest flat on the ground, shut down the engine, relieve the hydraulic pressure to the attachment, set the park brake, and wait for all motion to stop before leaving the operator's seat to perform service of any kind.

It is the operator's responsibility to make daily inspections of the loader and attachment for damage, loose bolts, fluid leaks, or anything else that could cause a potential service or safety problem. Preventive maintenance is the easiest and least expensive type of maintenance.

IMPORTANT: Bolts can loosen after initial usage. After the first hour of operation check all bolts.

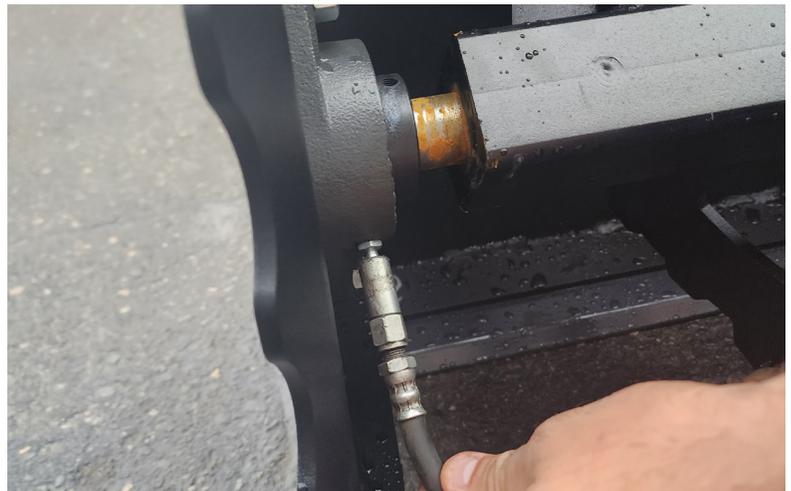
LUBRICATION

Lubrication Legend	 Multipurpose spray lube	 Multipurpose grease lube	 Multipurpose oil lube	 Intervals at which lubrication is required
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Use No. 2 lithium base gun grease when lubricating all snowblower grease fittings.

Add no more than 2 pumps of grease to the bearing on the end of the auger after every 40 hours of operation.

	
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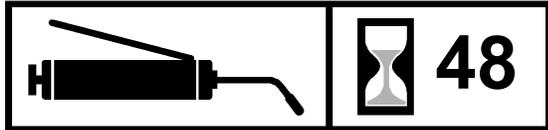


ROUTINE MAINTENANCE

LUBRICATION (continued)

Grease the auger drive after every 48 hours of operation.

NOTE: There are (2) grease fittings, one on each side of the auger tube.



Hydraulic Relief Valve Adjustment

The fan is shear-protected by the loader hydraulic system pressure relief valve. No adjustments are required.

The auger is shear-protected by pressure relief valve 'A' located in the hydraulic control manifold on the rear of the snowblower, directly above the fan motor.

NOTE: The auger relief valve is set at the factory to assure the best performance in average conditions. If the auger should stall too easily, the relief valve can be adjusted as follows:

1. Loosen the lock nut on valve 'A'.
2. Turn the set screw one turn.
3. Tighten the lock nut.
4. If the auger still stalls, adjust the relief valve again by repeating steps 1 through 3.

NOTE: Do not adjust the relief valve more than one turn at a time or a total of more than 4 turns. If the auger still stalls, look for other problems.

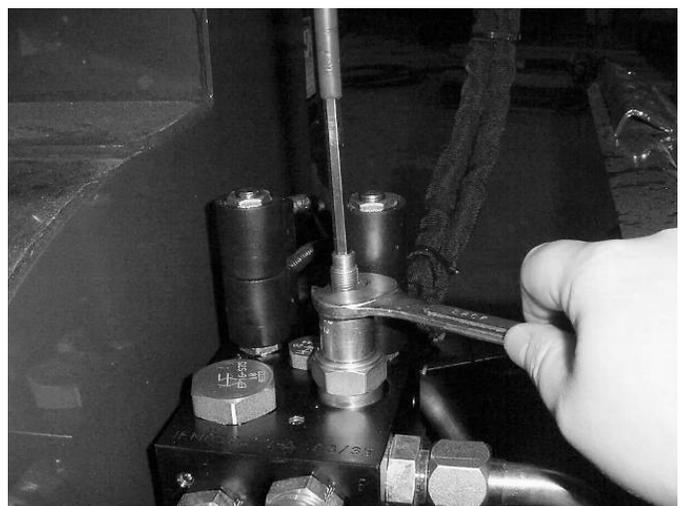
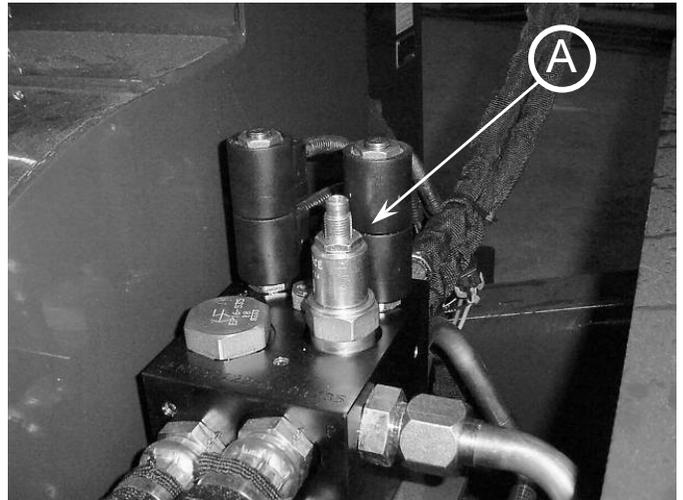


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Auger Removal and Installation

1. Loosen the set screw on the bearing eccentric locking collar. Using a hammer and punch, rotate the collar in the opposite direction of auger travel.

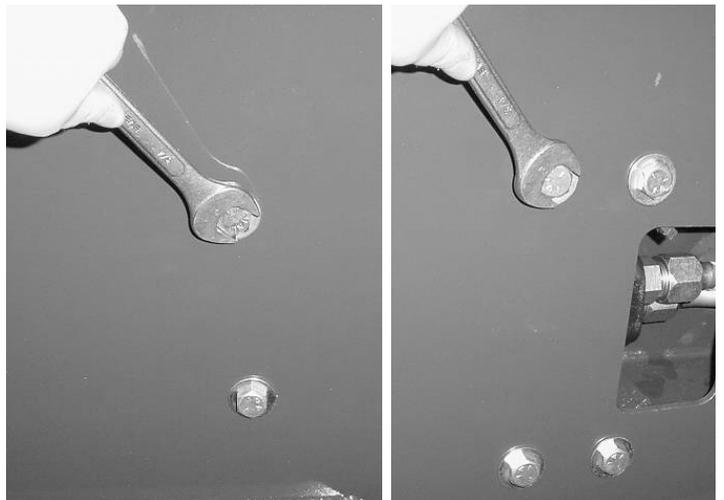
NOTE: This frees up the bearing and allows it to slide on the auger shaft.



2. Disconnect the tubelines from the auger motor.



3. Remove the two bearing retaining bolts and the four auger motor housing bolts.



4. Pry the bearing flange approximately 1/4" to the inside to allow clearance for the auger to be removed.

SAFETY

Auger Removal and Installation (continued)

1. Slide the auger straight forward and out of the blower body.
2. The hydraulic motor and housing can now be removed from the auger.
3. To reinstall, use reverse procedure.
4. When everything is assembled and tightened, with the exception of the bearing locking collar, the auger should have from 1/4" to 1/2" endplay travel. Slide the auger toward the auger motor until it bottoms out. Then, tap it back in the opposite direction approximately 1/16".
5. Tighten the eccentric locking collar by using a hammer and punch to rotate the collar in the direction of the auger travel. Tighten the set screw.

NOTE: Grease the auger drive when installing.



FAN REMOVAL

Fan Removal and Installation

1. Remove the cotter key.
2. Remove castle nut.
3. NOTE: If you do not use a pneumatic air wrench, a block of wood placed through the discharge chute and into the fan area will keep the fan from rotating when loosening or tightening the castle nut.
4. Remove the fan from the tapered motor shaft with a pulley puller.
5. To install, use reverse procedure.

IMPORTANT: On the SB300 and SB360 models, the castle nut must be torqued to a minimum of 250 ft-lbs. On the SB360XL model, the castle nut must be torqued to a minimum of 400 ft-lbs.



TORQUE INFORMATION

Torque-Tension Relationships for SAE J429 Grade Bolts

Nominal Thread Size	SAE J429 Grade 2			SAE J429 Grade 5			SAE J429 Grade 8		
	Clamp Load (lbs)	Tightening Torque		Clamp Load (lbs)	Tightening Torque		Clamp Load (lbs)	Tightening Torque	
		K = .15	K = .20		K = .15	K = .20		K = .15	K = .20
Unified Coarse Thread Series									
1/4-20	1,300	49 in-lbs	65 in-lbs	2,000	75 in-lbs	100 in-lbs	2,850	107 in-lbs	143 in-lbs
5/16-18	2,150	101	134	3,350	157	210	4700	220	305
3/8-16	3,200	15 ft-lbs	20 ft-lbs	4,950	23 ft-lbs	31 ft-lbs	6,950	32.5 ft-lbs	44 ft-lbs
7/16-14	4,400	24	30	6,800	37	50	9,600	53	70
1/2-13	5,850	36.5	49	9,050	57	75	12,800	80	107
9/16-12	7,500	53	70	11,600	82	109	16,400	115	154
5/8-11	9,300	73	97	14,500	113	151	20,300	159	211
3/4-10	13,800	129	173	21,300	200	266	30,100	282	376
7/8-9	11,425	125	166	29,435	321	430	41,550	454	606
1-8	15,000	187.5	250	38,600	482.5	640	54,540	680	900
Unified Fine Thread Series									
1/4-28	1,500	55 in-lbs	75 in-lbs	2,300	85 in-lbs	115 in-lbs	3,250	120 in-lbs	163 in-lbs
5/16-24	2,400	112	150	3,700	173	230	5,200	245	325
3/8-24	3,600	17 ft-lbs	22.5 ft-lbs	5,600	26 ft-lbs	35 ft-lbs	7,900	37 ft-lbs	50 ft-lbs
7/16-20	4,900	27	36	7,550	42	55	10,700	59	78
1/2-20	6,600	41	55	10,200	64	85	14,400	90	120
9/16-18	8,400	59	79	13,000	92	122	18,300	129	172
5/8-18	10,600	83	110	16,300	128	170	23,000	180	240
3/4-16	15,400	144	193	23,800	223	298	33,600	315	420
7/8-14	12,610	138	184	32,480	355	473	45,855	500	668
1-12	16,410	205	273	42,270	528	704	59,670	745	995

Clamp load estimated as 75% of proof load for specified bolts.

Torque values for 1/4 and 5/16 inch series are in inch-pounds. All other torque values are in foot-pounds.

Torque values calculated from formula $T = KDF$

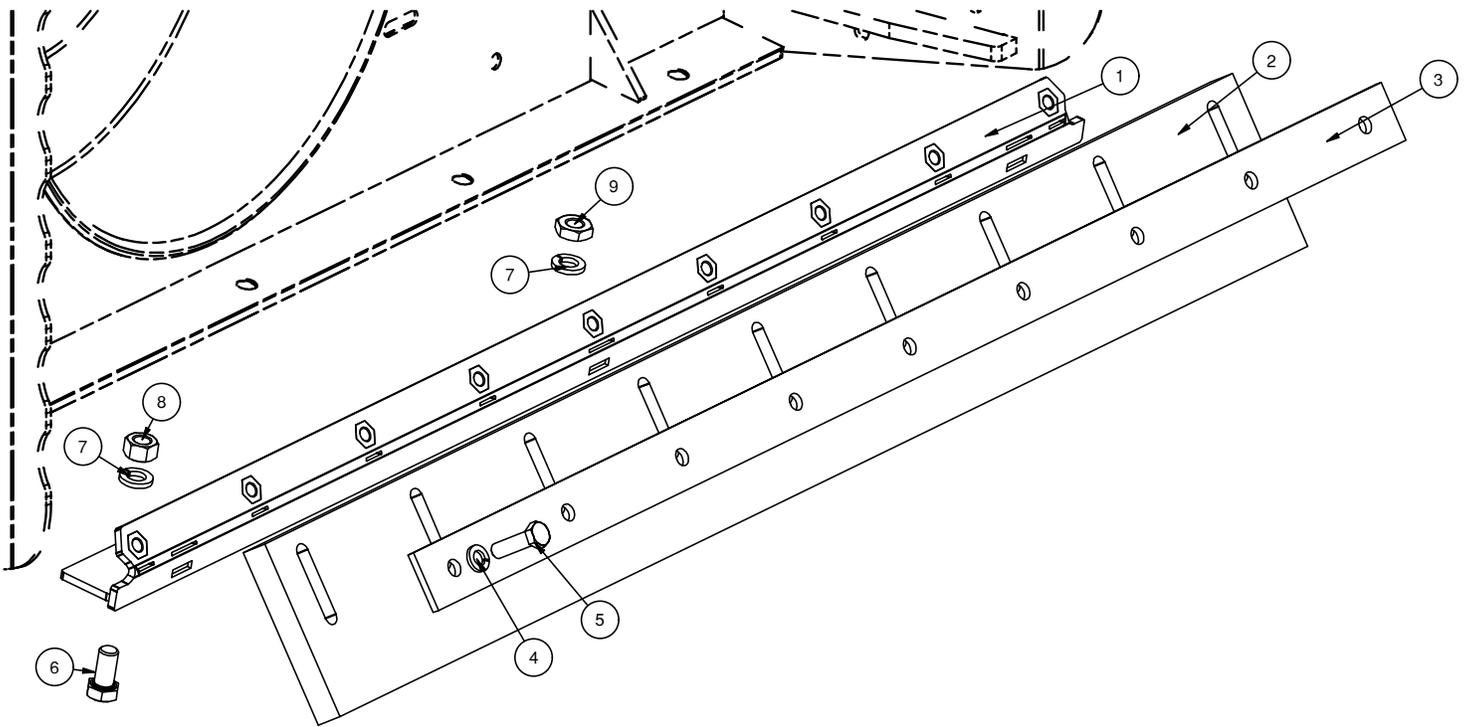
where: $K=0.15$ for "lubricated" conditions

$K=0.20$ for "dry" conditions

PARTS INFORMATION

ITEM	QTY	PART NUMBER	DESCRIPTION	STOCK NO.
1	1	360335	BRACKET OPT CUT EDGE 45 W/A	OPTIONAL URE/RUB PKG
	1	360336	BRACKET OPT CUT EDGE 51 W/A	OPTIONAL URE/RUB PKG
	1	360337	BRACKET OPT CUT EDGE 57 W/A	OPTIONAL URE/RUB PKG
	1	360338	BRACKET OPT CUT EDGE 69 W/A	OPTIONAL URE/RUB PKG
	1	360339	BRACKET OPT CUT EDGE 75 W/A	OPTIONAL URE/RUB PKG
	1	360340	BRACKET OPT CUT EDGE 81 W/A	OPTIONAL URE/RUB PKG
	1	360341	BRACKET OPT CUT EDGE 93 W/A	OPTIONAL URE/RUB PKG
2	1	315945	CUTTING EDGE URETHANE 45	OPTIONAL URETHANE PKG
	1	315889	CUTTING EDGE URETHANE 51	OPTIONAL URETHANE PKG
	1	315459	CUTTING EDGE URETHANE 57	OPTIONAL URETHANE PKG
	1	315460	CUTTING EDGE URETHANE 69	OPTIONAL URETHANE PKG
	1	315461	CUTTING EDGE URETHANE 75	OPTIONAL URETHANE PKG
	1	315462	CUTTING EDGE URETHANE 81	OPTIONAL URETHANE PKG
	1	315968	CUTTING EDGE URETHANE 93	OPTIONAL URETHANE PKG
2	1	315946	CUTTING EDGE RUBBER 45 SB	OPTIONAL RUBBER PKG
	1	300602	CUTTING EDGE RUBBER 51 SB	OPTIONAL RUBBER PKG
	1	300603	CUTTING EDGE RUBBER 57 SB	OPTIONAL RUBBER PKG
	1	300604	CUTTING EDGE RUBBER 69 SB	OPTIONAL RUBBER PKG
	1	300605	CUTTING EDGE RUBBER 75 SB	OPTIONAL RUBBER PKG
	1	300606	CUTTING EDGE RUBBER 81 SB	OPTIONAL RUBBER PKG
	1	315971	CUTTING EDGE RUBBER 93 SB	OPTIONAL RUBBER PKG
3	1	315944	BACKING PLATE SB 45	OPTIONAL URE/RUB PKG
	1	315880	BACKING PLATE SB 51	OPTIONAL URE/RUB PKG
	1	315463	BACKING PLATE SB 57	OPTIONAL URE/RUB PKG
	1	315464	BACKING PLATE SB 69	OPTIONAL URE/RUB PKG
	1	315465	BACKING PLATE SB 75	OPTIONAL URE/RUB PKG
	1	315466	BACKING PLATE SB 81	OPTIONAL URE/RUB PKG
	1	315969	BACKING PLATE SB 96	OPTIONAL URE/RUB PKG
4	(8)48", (9)54", (10)60", (12)72", (13)78", (14)84", (16)96"	33626	WASHER SPLIT LOCK	1/2
5	(8)48", (9)54", (10)60", (12)72", (13)78", (14)84", (16)96"	13210	BOLT HEX	1/2 X 1-3/4 NC GR 5
6	(4)48", (5)54", (6)60", (7)72", (7)78", (8)84", (9)96"	13307	BOLT HEX	BOLT 5/8 X 1-1/4 NC GR 5
7	(4)48", (5)54", (6)60", (7)72", (7)78", (8)84", (9)96"	33630	WASHER SPLIT LOCK	5/8
8	(4)48", (4)54", (6)60", (7)72", (6)78", (8)84", (9)96"	36314	NUT HEX	5/8 NC GR 5 Z
9	1	36214	NUT HEX JAM 5/8 NC GR 2 Z	ONLY ON 54"&78"

PARTS INFORMATION



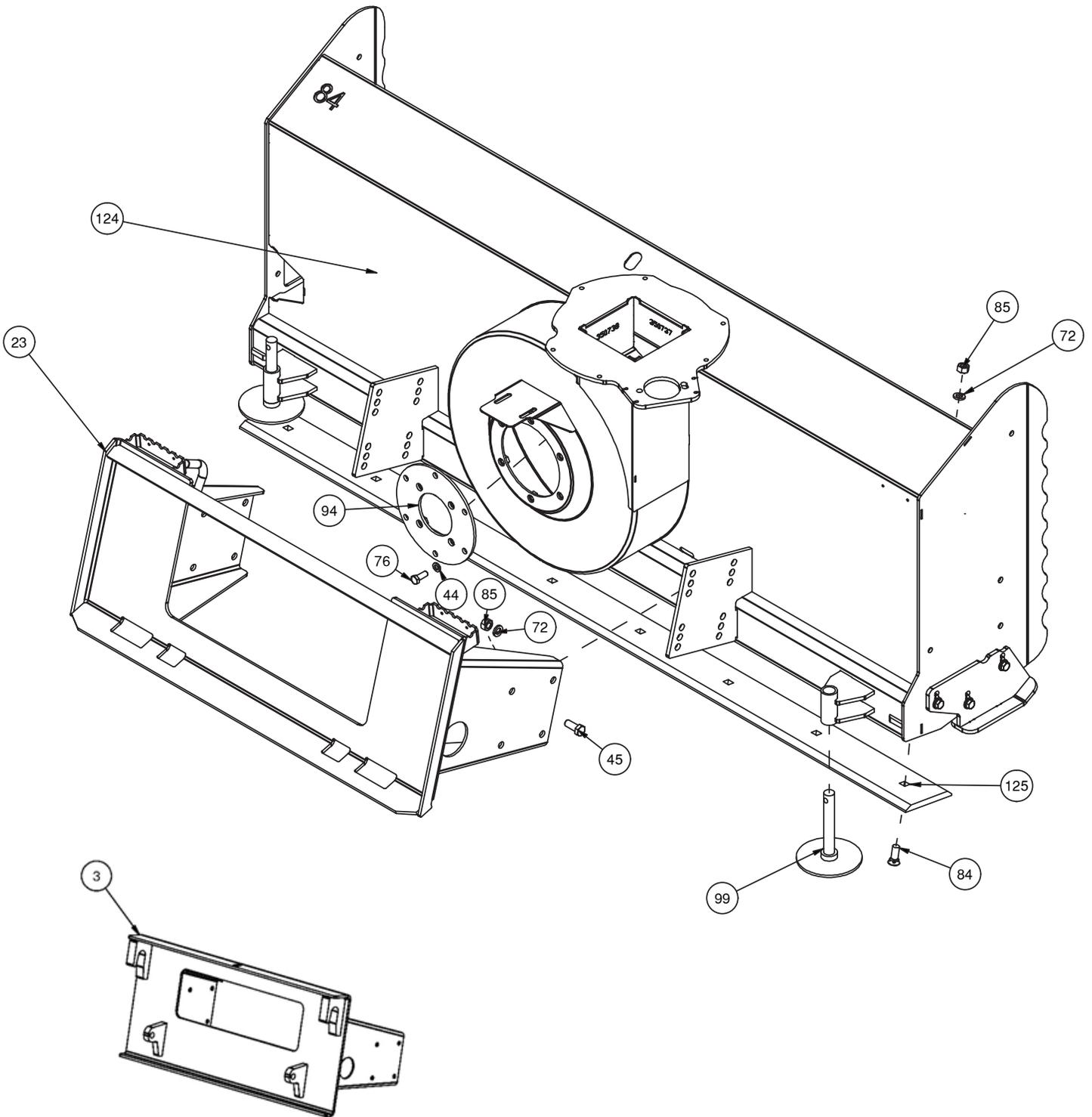
PARTS INFORMATION

ITEM	QTY	PART NO.	DESCRIPTION	STOCK NO.
1	1		MOTOR HYD	FAN MOTOR
2	3	103431	ADPT STR 12MB-12MJ	
3	1	300262	ADPT ELB 12MB-12MJ-90	
4	1	315822	TUBELINE FAN LH	
5	1	315823	TUBELINE FAN RH	
6	1	REF	MOTOR HYD	AUGER MOTOR
7	2	19929	BOLT 3/8 X 3/4 NC FLG GR 5	
8	1	103273	CYLINDER 2 X 4	CHUTE DEFLECTION
9	1	103329	MOTOR HYD - 2.8 CID	CHUTE ROTATION
10	2	315424	TUBELINE AUGER PRESSURE	NOT USED ON SB300 X 48
11	2	202113	ADPT STR 10MB-12MJ	
12	2	103330	ADPT ELB 10MB-6MJ-90	
13	1	103318	ADPT STR 2MP-2FPX	
14	1	103284	ADPT ELB 2MP-2FPX-90	
16	1	315136	HOSE 1/4 X 22 6MB-4FJX	CASE DRAIN
17	1	103497	ADPT ELB 4MB-4MJ-90	CASE DRAIN (NOT USED ON XL)
18	2	315951	HOSE 3/4 X 35 12MB-12FJX	FOR 48" SNOWBLOWER
	2	315451	HOSE 3/4 X 24.5 12MB-12MJ	FOR 60" SNOWBLOWER
	2	315452	HOSE 3/4 X 30.5 12MB-12MJ	FOR 72" SNOWBLOWER
	2	315453	HOSE 3/4 X 33.5 12MB-12MJ	FOR 78" SNOWBLOWER
	2	315454	HOSE 3/4 X 36.5 12MB-12MJ	FOR 84" SNOWBLOWER
	2	315329	HOSE 3/4 X 42.5 12MB-12MJ	FOR 96" SNOWBLOWER
19	1	315143	HOSE 3/4 X 72 12FJX-12MB	LEAD RETURN
20	1	315091	HOSE 3/4 X 72 12FJX-12MB (LEAD)	RED ZIP TIE TO PORT P
21	2	315092	HOSE 3/8 X 21 6MB-6FJX	CHUTE ROTATION
22	1	315094	HOSE 1/4 X 46 6MB-2MP	CHUTE DEFLECTION
23	1	315093	HOSE 1/4 X 53 6MB-2MP	CHUTE DEFLECTION
24	1	201526	ADPT STR 12MB-16MJ	SB360X SNOWBLOWER ONLY
25	2	201528	ADPT STR 16MB-16MJ	SB360X SNOWBLOWER ONLY
26	1	300499	ADPT ELB 12MB-16MJ-90	SB360X SNOWBLOWER ONLY
27	1	203212	ADPT STR 4MB-4MJ (FOR CD)	SB360X SNOWBLOWER ONLY
28	1	315068	VALVE ASSM	
A	1	320107	BLOCK	
B	1	200046	PRESSURE RELIEF VALVE	
C	1	200045	FLOW CONTROL VALVE	
D	4	300796	COIL VALVE 12V ECOIL #8	REPLACED D-COILS
	4	320096	COIL - assembly	REPLACED BY E-COILS
E	2	200042	DIRECTIONAL VALVE	
F	2	200041	WASHER	
G	2	200039	NUT VALVE DIRECTIONAL	
29	1	315824	TUBELINE FAN PRESSURE XL	SB360X SNOWBLOWER ONLY
30	1	315825	TUBELINE FAN RETURN XL	SB360X SNOWBLOWER ONLY

PARTS INFORMATION

ITEM	QTY	PART NO.	DESCRIPTION	STOCK NO.
3	1	330623	MOUNT FRAME 2020/2420 EURO W/A	EURO MOUNT ONLY
44	6	33626	WASHER LOCK 1/2"	
	10	33626	WASHER LOCK 1/2"	360X ONLY
45	8	13309	BOLT HEX	5/8 X 1 1/2 NC GR 5
46	7	37214	NUT REV LOCK 1/2 NC	
	11	37214	NUT REV LOCK 1/2 NC	360X ONLY
60	1	315815	MOUNT ADAPTER XL W/A	360X ONLY
72	8	33630	WASHER LOCK 5/8	48"
	9	33630	WASHER LOCK 5/8	54"
	10	33630	WASHER LOCK 5/8	60"
76	8	13207	BOLT HEX 1/2 X 1 1/4 NC GR 5	
	10	13207	BOLT HEX 1/2 X 1 1/4 NC GR 5	360X ONLY
84	4	22664	BOLT PLOW 5/8 X 1-3/4 NC GR 5	48"
	5	22664	BOLT PLOW 5/8 X 1-3/4 NC GR 5	54"
	6	22664	BOLT PLOW 5/8 X 1-3/4 NC GR 5	60"
85	8	36114	NUT HEX FULL 5/8 NC	48"
	9	36114	NUT HEX FULL 5/8 NC	54"
	10	36114	NUT HEX FULL 5/8 NC	60"
94	1	315814	MOUNT ADAPTER STD W/A	
99	2	100301	SKID SHOE 6" STANDARD	
124	1	350762-48	BODY 2020 GEARED CHUTE W/A	SB300
	1	350762-54	BODY 2020 GEARED CHUTE W/A	SB300
	1	350762-60	BODY 2020 GEARED CHUTE W/A	SB300
		350762-72	BODY 2020 GEARED CHUTE W/A	SB300
		350762-78	BODY 2020 GEARED CHUTE W/A	SB300
		350762-84	BODY 2020 GEARED CHUTE W/A	SB300
		350763-60	BODY 2420 GEARED CHUTE W/A	SB360 & SB360X
		350763-72	BODY 2420 GEARED CHUTE W/A	SB360 & SB360X
		350763-78	BODY 2420 GEARED CHUTE W/A	SB360 & SB360X
		350763-84	BODY 2420 GEARED CHUTE W/A	SB360 & SB360X
		350763-96	BODY 2420 GEARED CHUTE W/A	SB360X ONLY
125	1	315940	CUTTING EDGE B 50 DB	
	1	300498	CUTTING EDGE B 56 DB	
	1	312428	CUTTING EDGE B 62 DB	

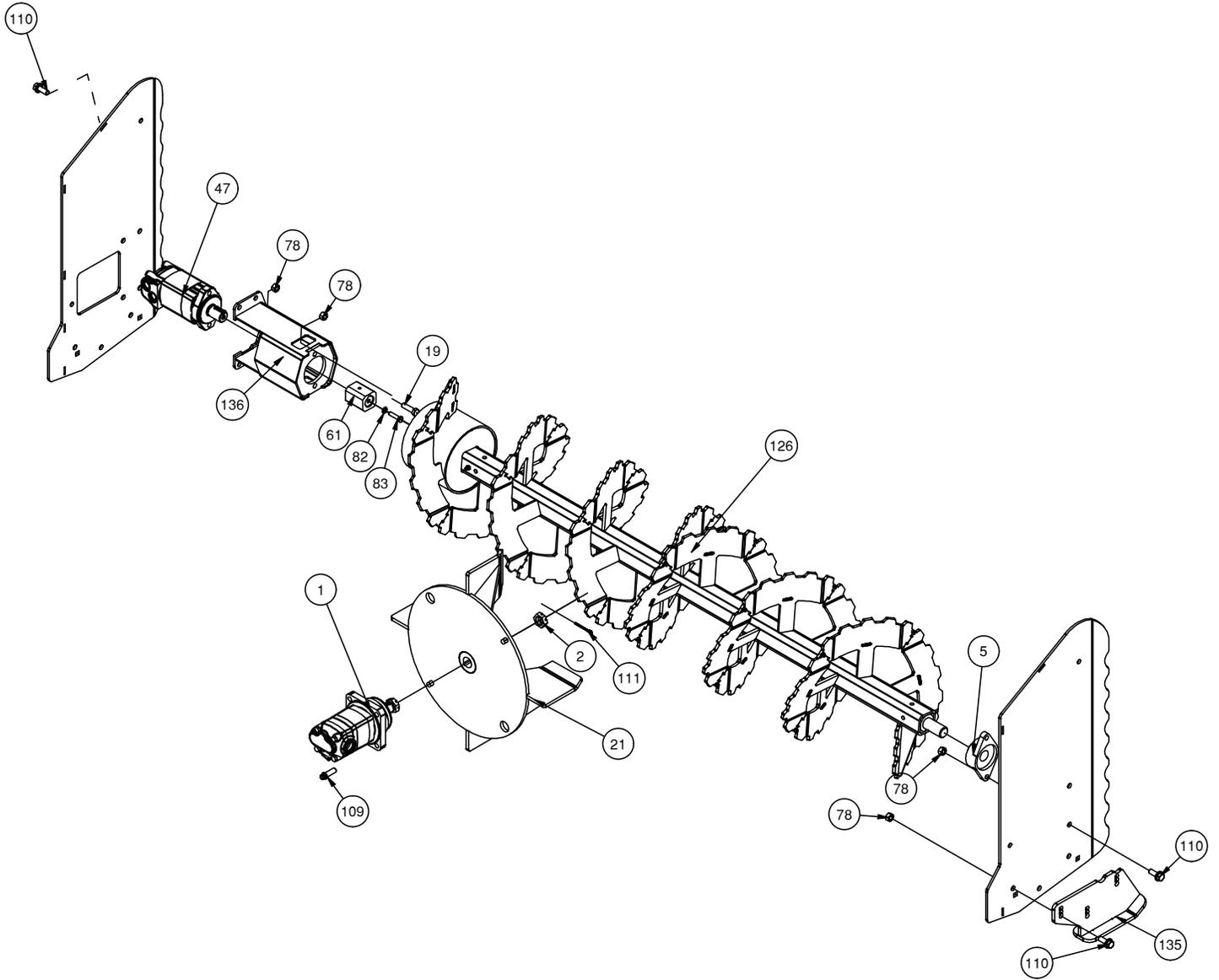
PARTS INFORMATION



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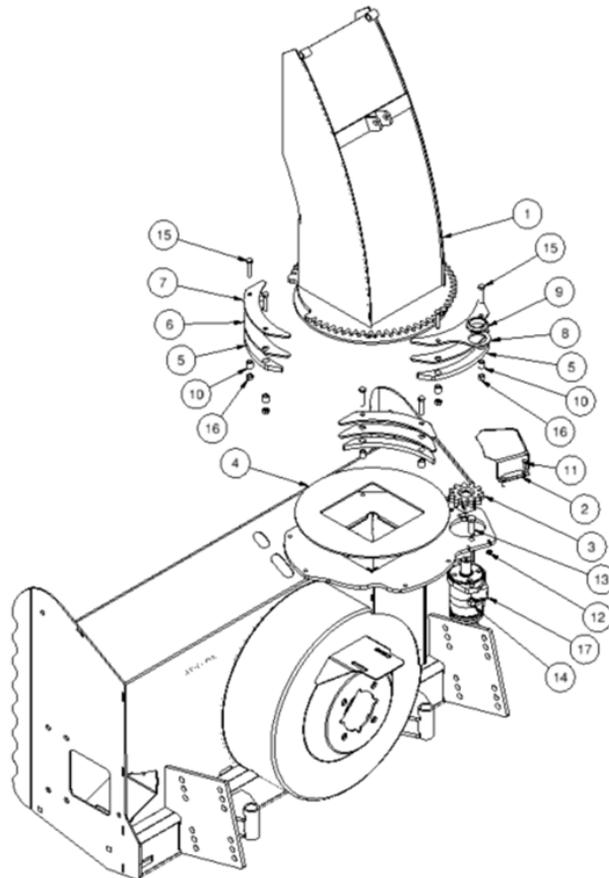
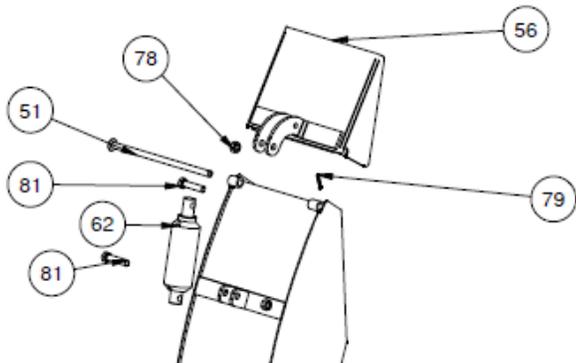
ITEM	QTY	PART NUMBER	DESCRIPTION	STOCK NO.
1	1	REF	FAN MOTOR HYD	
2	1	103947	NUT CASTLE 1-20 UNEF SHORT	
5	1	100832	BRG 1-1/4 2-B FLG	
19	2	13210	BOLT HEX	1/2 X 1 3/4 NC GR 5
21	1	315809	FAN 20D 2020 W/A	SB300
		315810	FAN 24D 2410 W/A	SB360
		315811	FAN 24D 2420XL W/A	SB360X
47	1	REF	AUGER MOTOR HYD	
61	1	103891	DRIVE BLOCK SQ AUGER ASM	
78	12	37214	NUT HEX	1/2 REV LOCK
82	1	103880	WASHER SPLIT LOCK	3/8
83	1	103879	BOLT HEX	3/8 X 1-1/2 NC GR 5
109	4	22876	BOLT FLNG 12PT	1/2 X 1-1/2 NC GR9
110	12	11104721	BOLT FLNG SERRATED	1/2 X 1 1/4 NC GR 5
111	1	65107	PIN COTTER 5/32 X 2	
126	1	360308	AUGER SECTIONAL 17D X 48	SB300
	1	360309	AUGER SECTIONAL 17D X 54	SB300
	1	360310	AUGER SECTIONAL 17D X 60	SB300 & SB360
	1	360311	AUGER SECTIONAL 17D X 72	SB300 & SB360 & SB360X
	1	360312	AUGER SECTIONAL 17D X 78	SB300 & SB360 & SB360X
	1	360313	AUGER SECTIONAL 17D X 84	SB300 & SB360 & SB360X
	1	360314	AUGER SECTIONAL 17D X 96	SB360X ONLY
135	2	331391	SKID SHOE END W/A	OPT PKG 350772
136	1	315427	MOUNT MOTOR SB W/A	

PARTS INFORMATION



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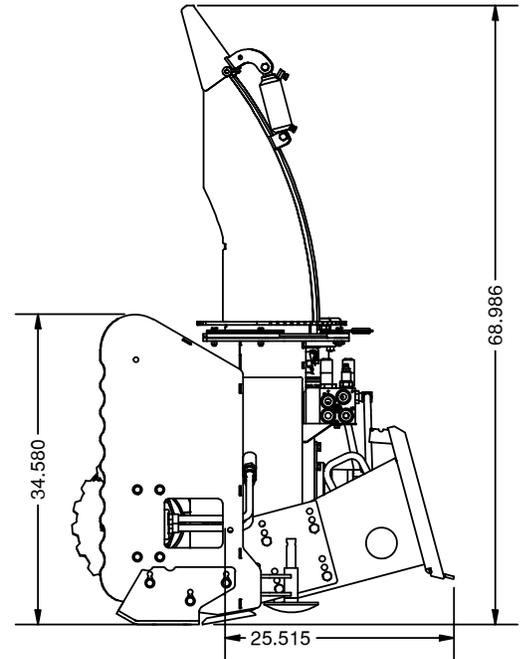
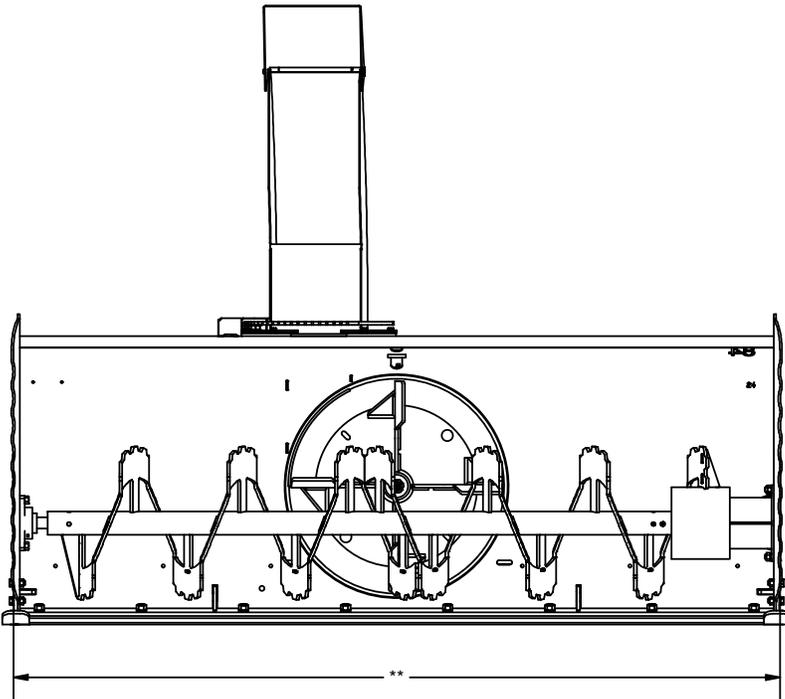
ITEM	QTY	PART NUMBER	DESCRIPTION	STOCK NO.
1	1	350715	CHUTE 2020/2420 GEARED W/A	
2	1	350727	BRKT SHIELD GEAR UNPT	
3	1	350730	PINION HUB W/A	
4	1	350732	DISC UHMW .188 X 15.25"	
5	3	350733	PLATE UHMW SIDE CAPTURE	
6	3	350734	PLATE UHMW TOP CAPTURE	
7	2	350735	PLATE .188 TOP CAPTURE UNPT	
8	1	350736	PLATE .188 TP CPTR W/ LOOP UNPT	
9	1	350764	GROMMET 2.13 X 1.5 X .19	
10	6	350761	BUSHING .625 X .397 X .688	
11	4	13003	BOLT HEX	1/4 X 3/4 NC GR 5
12	4	37210	NUT HEX	1/4 LOCK NC GR 5 Z
13	2	13209	BOLT HEX	1/2 X 1-1/2 NC GR 5
14	2	37214	NUT HEX	1/2 REV LOCK
15	6	13110	BOLT HEX	3/8 X 1-3/4 NC GR 5
16	6	37264	NUT HEX	TOP LOCK 3/8 NC GRD C Z
17	1	103329	MOTOR HYD 2.8 CID H SERIES	CHUTE DEFLECTOR MOTOR
51	1	315124	PIN DEFLECTOR W/A	
56	1	315067	DEFLECTOR CHUTE ALL	
62	1	103273	CYLINDER 2X4 H-H	
78	2	37214	NUT HEX	1/2 REV LOCK
79	1	65076	PIN COTTER	1/8 X 1
81	2	13212	BOLT HEX	1/2 X 2-1/4 NC GR 5



GENERAL SPECS

Model	SB300 - 48"	SB300 - 54"	SB300 - 60"	SB300 - 72"	SB300 - 78"	SB300 - 84"
Working Width	48"	55"	61"	73"	79"	85"
Cutting Height	30"	30"	30"	30"	30"	30"
Cutting Edge	5/8" x 6" bolt-on					
Auger Diameter	17" Serrated					
Fan Diameter	20" 4-blade					
Chute Rotation	Hydraulic Geared 270°					
Pressure Relief	Auger and Fan					
Casting Distance	Up to 40'					
Shipping Weight	750 lb.	775 lb.	810 lb.	870 lb.	890 lb.	920 lb.
Mounting Plate	Universal	Universal	Universal	Universal	Universal	Universal
Hydraulic Flow	11-22 GPM	11-22 GPM	11-22 GPM	11-28 GPM	11-28 GPM	11-28 GPM
Operating Pressure	2,500-3,500 psi					
Rear 6" Skid Shoes	Standard	Standard	Standard	Standard	Standard	Standard
Model	SB360 - 60"	SB360 - 72"	SB360 - 78"	SB360 - 84"	SB360X - 96"	
Working Width	61"	73"	79"	85"	97"	
Cutting Height	36"	36"	36"	36"	36"	
Cutting Edge	5/8" x 6" bolt-on					
Auger Diameter	17" Serrated					
Fan Diameter	24" 4-blade					
Chute Rotation	Hydraulic Geared 270°					
Pressure Relief	Auger and Fan					
Casting Distance	Up to 45'					
Shipping Weight	865 lb.	938 lb.	970 lb.	1003 lb.	1150 lb.	
		1015 lb. For 360X	1050 lb. For 360X	1080 lb. For 360X		
Mounting Plate	Universal	Universal	Universal	Universal	Universal	
Hydraulic Flow	26-38 GPM	26-38 GPM	26-38 GPM	26-38 GPM	32-42 GPM	
		32-42 GPM For 360X	32-42 GPM For 360X	32-42 GPM For 360X		
Rear 6" Skid Shoes	Standard	Standard	Standard	Standard	Standard	

GENERAL SPECS



LIMITED WARRANTY

Erskine Attachments, LLC warrants each new machine manufactured by us to be free from defects in material and workmanship for a period of twenty-four (24) months from date of delivery to the original purchaser.

Our obligation under this warranty is to replace free of charge, at our factory or authorized dealership, any part proven defective within the stated warranty time limit.

All parts must be returned freight prepaid and adequately packaged to prevent damage in transit.

This warranty does not cover:

1. New products which have been operated in excess of rated capacities or negligence
2. Misuse, abuse, accidents or damage due to improperly routed hoses
3. Machines which have been altered, modified or repaired in any manner not authorized by our company
4. Previously owned equipment
5. Any ground engaging tools in which natural wear is involved, i.e. tooth tips, cutting teeth, etc
6. Normal maintenance
7. Fork tines
8. Hydraulic motors that have been disassembled in any manner

In no event will the Sales Representative, Dealership, Erskine Attachments, LLC, or any other company affiliated with it or them be liable for incidental or consequential damages or injuries, including but not limited to the loss of profit, rental or substitute equipment or other commercial loss. Purchaser's sole and exclusive remedy being as provided here in above.

Erskine Attachments, LLC must receive immediate notification of defect and no allowance will be made for repairs without our consent or approval.

This warranty is in lieu of all other warranties, express or implied by law or otherwise, and there is no warranty of merchantability or fitness purpose.

No agent, employee, or representative of Erskine Attachments, LLC has any authority to bind Erskine Attachments, LLC to any warranty except as specifically set forth herein. Any of these limitations excluded by local law shall be deemed deleted from this warranty; all other terms apply.

This warranty may not be enlarged or modified in any manner except in writing signed by an executive officer of Erskine Attachments, LLC to improve its products whenever it is possible and practical to do so. Erskine Attachments, LLC reserves the right to make changes and or add improvements at any time without incurring any obligation to make such changes or add such improvements to products previously sold.

Erskine Attachments, LLC
P.O. Box 1083 Alexandria, MN 56308
Phone (218) 435-4045

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ATTACHMENTS LLC