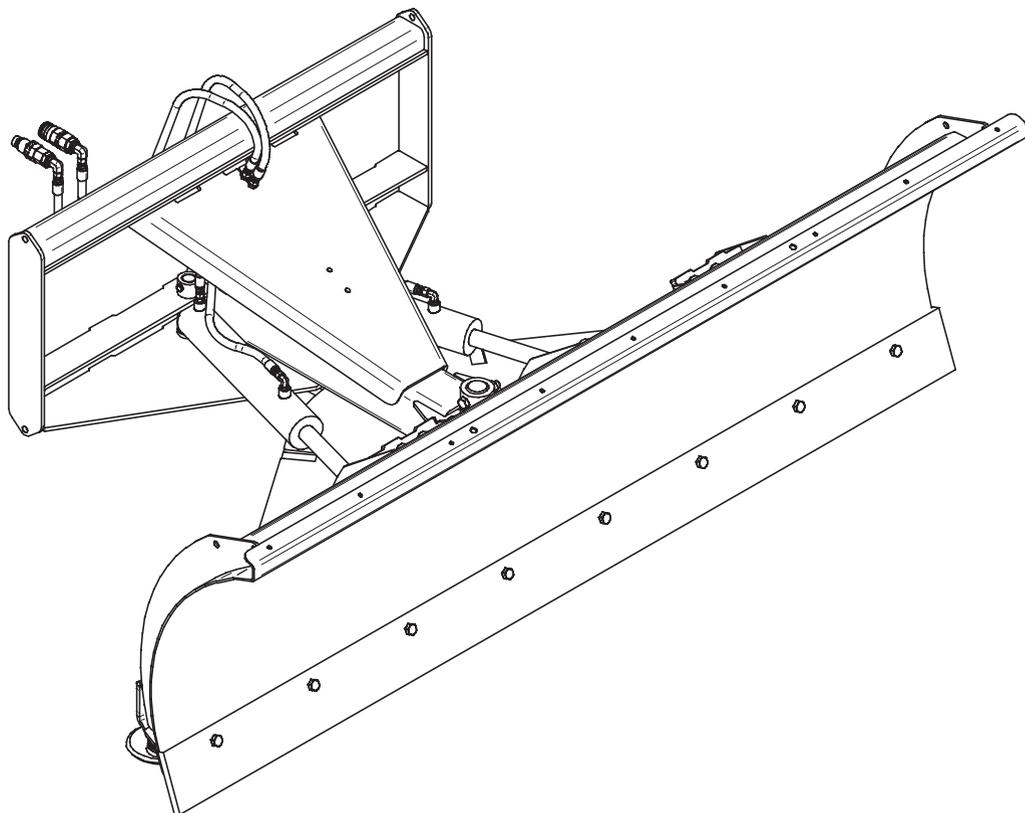




SNOW BLADE



Manual Number: MR35537

Models:
LAF1462, LAF1474, LAF1482, and 1498;
11584, 11596, 11508, 11520, 11532 and 11544;
LAF5784, LAF5796, LAF5708, LAF5720, LAF5732
and LAF5744

FFC SERIAL NUMBER: _____

MACHINE SERIAL NUMBER: _____

Release Date: November 7, 2006

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INTRODUCTION

Congratulations on your purchase of a new FFC Snow Blade. This product has been designed and built to push snow forward only. In addition, light bulldozing may be performed with the 1400 series snow blades only (see SNOW BLADE OPERATION). You or any other person who will be assembling, operating, maintaining, or working with this product are required to read and completely understand the information and instructions contained in this manual. If anyone does not fully understand every part of this manual, please obtain further assistance by contacting the dealer from which this product was purchased or by contacting FFC at the telephone number or address listed on the cover of this manual. Keep this manual available for reference whenever this product is being handled or used. Provide this manual to any new owners and/or operators.

This manual covers model(s) LAF1462, LAF1474, LAF1482, LAF1498, 11584, 11596, 11508, 11520, 11532, 11544, LAF5784, LAF5796, LAF5708, LAF5720, LAF5732, and LAF5744. The difference between the models is the width, construction, and operating features of the product, details of which are covered on the parts list and specifications page(s).

GENERAL INFORMATION

The purpose of this manual is to assist in assembling, mounting, operating, and maintaining your Snow Blade. Read this manual carefully to obtain valuable information and instructions that will help you achieve years of safe and dependable service.

The illustrations and data used in this manual were current at the time of printing, but due to possible engineering and/or production changes, this product may vary slightly in detail. FFC reserves the right to redesign and/or change components as may be necessary without notification to anyone.

Throughout this manual, references may be made to:

Power Unit	The engine-driven machine to which this product must be attached.
Right, Left, Front, Rear	Directions that are determined in relation to the operator of the equipment when seated in the normal operating position
IMPORTANT	Precautions that must be followed to prevent damage to equipment.
NOTICE	Precautions that must be followed to prevent substandard performance.

SERIAL NUMBER LOCATION

Always refer to the model and serial number when ordering parts or requesting information from your dealer. The serial number plate for this product is located on the top left surface of the loader attachment plate of your Snow Blade.

Reference Information	
Model Number	Loader Make
Serial Number	Loader Model
Date Purchased	Loader Serial Number

DEFINITION OF SAFETY TERMS AND SYMBOLS

Throughout this manual, the terms **DANGER**, **WARNING**, and **CAUTION** are used to indicate the degree of hazard to personnel if proper safety procedures are not followed. These words will be used in conjunction with the Safety Alert Symbol: a dark triangle containing a white exclamation mark.

	The Safety Alert Symbol means: ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!
DANGER	Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.
WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury; OR may also be used to alert against unsafe practices that may result in personal injury.

ACCIDENTS CAN BE PREVENTED WITH **YOUR HELP !**

No accident prevention program can be successful without the wholehearted cooperation of the person who is directly responsible for the operation of the equipment.

To read equipment accident reports from all over the country is to be convinced that a large number of accidents can be prevented only by operators who consistently anticipate the results of their actions and thus prevent accidents from ever occurring. No power-driven equipment, whether it is on the highway, in a farm field, or in an industrial plant, can be any safer than is allowed by the person who is at the controls.

If accidents are to be prevented (and accidents can be prevented), that prevention will come from equipment operators who accept their complete responsibility.

The designer, the manufacturer, and the safety engineer all help create a safe product, but the operator of that product can wipe out their combined efforts with a single careless act.

The best safety device is a careful operator. FFC and your dealer ask that **YOU** be that careful, responsible equipment operator.

YOU ARE THE KEY TO SAFETY BECAUSE:

YOU are responsible for the SAFE operation and maintenance of **YOUR** Snow Blade.

YOU are responsible to familiarize yourself, and anyone else who will assemble, operate, maintain, or work around this product, with the SAFETY information contained in this manual.

YOU are responsible to read ALL information contained in this manual to any operators or maintenance personnel who are not fully able to read the written English language. Whether **YOU** read the manual as written or translate it into another language, **YOU** must make certain that all operators and maintenance personnel have a complete understanding of the full and exact contents of this manual. Translations of this manual into other languages are available by submitting a written request to FFC.

YOU can reduce the risk of injury or death by following all safety precautions and by using good safety practices.

SAFETY INSTRUCTIONS

WORK SAFELY - A CAREFUL OPERATOR IS THE BEST INSURANCE AGAINST ACCIDENTS !!

WARNING SECTION



WARNING

Obey all the safety instructions listed in this section and throughout this manual. Failure to obey instructions in this section could result in death or serious injury.

BEFORE ATTEMPTING ANY TYPE OF ASSEMBLY, OPERATION, MAINTENANCE, OR OTHER WORK ON OR NEAR THIS PRODUCT:

- **READ AND COMPLETELY UNDERSTAND THIS MANUAL.**
- **READ AND COMPLETELY UNDERSTAND THE MANUALS PROVIDED WITH YOUR POWER UNIT, LOADER, and QUICK-ATTACH.**
- Read and understand all safety signs on this product and on your power unit, loader, and quick-attach.
- Know all your controls and know how to quickly stop all power unit movement, the Snow Blade movement, and the engine in case of an emergency.
- Know and obey all applicable government rules, O.S.H.A. regulations, local laws and other professional guidelines for your operation.
- Make sure that anyone who will be assembling, mounting, maintaining, repairing, removing, and/or storing this product:
 - has been instructed in the safe operation of this product and of the power unit, loader, and quick-attach to which this product is attached.
 - is physically and mentally capable of the safe operation of this type of equipment.
 - is not under the influence of drugs or alcohol.
 - is carefully supervised from a safe distance, especially if such person is inexperienced.
 - wears appropriate protective equipment (i.e. hardhat, safety glasses, work gloves, protective shoes, respirator, ear protection, etc.).
 - does not wear loose fitting clothing, loose or uncovered hair, or any accessories (jewelry, necktie, scarf, wrist watch, etc.) that can catch in moving parts.
 - has annually reviewed all safety instructions.
- Know and follow good work practices when assembling, mounting, maintaining, repairing, removing, and storing this product:
 - Work on a level surface in a well-lit area.
 - Keep the area clean and dry.
 - Use properly grounded electrical outlets & tools.
 - Use the right tool for the job at hand.

- Make sure that your tools are in good condition for performing the desired function.
- When using tools, wear the protective equipment specified by the tool manufacturer. (i.e. hardhat, safety glasses, work gloves, protective shoes, etc.)

WHEN YOUR POWER UNIT IS USED DURING ANY TYPE OF ASSEMBLY, OPERATION, MAINTENANCE, OR OTHER WORK ON OR NEAR THIS PRODUCT:

- Before leaving the operator's station or before beginning any type of work on this product, lower this product to the ground, apply your power unit's parking brake, stop the engine, remove the starter key, wait for all moving parts to stop, and then relieve all pressure in the hydraulic lines. Refer to your power unit's operator's manual for instructions on how to relieve hydraulic pressure in lines.
- Know your loader's safe lifting and operating capacity and the weight of this product. See the specifications in this manual for the weight of this product and refer to your power unit's and your loader's operator's manuals for safe operating limits. Lift capacity may be reduced if using a quick-attach.
- Never allow anyone, except the operator, to be around the power unit or this product when either is in motion. Do not startup unless others are clear of the work area.
- Do not allow riders on this product or the power unit.
- Do not stand or climb on this product when raised.
- Never lift this product above (a.) the operator's eye level or (b.) to a height where visibility is obstructed, whichever is lower..
- Do not place any part of your body under any part of this product unless this product is securely resting on adequate blocking or on the ground.
- Do not use blocking made of concrete blocks, logs, buckets, barrels or any other material that could suddenly collapse or shift positions. Do not use wood or steel blocking that shows any signs of material decay. Do not use blocking that is warped, twisted, or tapered.
- Never operate controls from the ground. Operate the controls only from the operator's station.
- Never leave equipment unattended with the engine running or with this product raised on the loader.
- Be aware of the added weight and width of this product. Reduce travel speeds accordingly, especially when traveling over rough ground.
- Keep this product close to the ground and under control when transporting.

SAFETY INSTRUCTIONS

WORK SAFELY - A CAREFUL OPERATOR IS THE BEST INSURANCE AGAINST ACCIDENTS !!

WARNING SECTION (CONTINUED)



WARNING

Obey all the safety instructions listed in this section and throughout this manual. Failure to obey instructions in this section could result in death or serious injury.

WHEN DEALING WITH HYDRAULICS DURING ANY TYPE OF ASSEMBLY, OPERATION, MAINTENANCE, OR OTHER WORK ON OR NEAR THIS PRODUCT:

- Hydraulic fluid under pressure can penetrate the skin and cause serious injury or death. Hydraulic leaks under pressure may not be visible!
- If any fluid penetrates the skin, **GET IMMEDIATE MEDICAL ATTENTION!!**
- Wear safety glasses, protective clothing, and use a sound piece of cardboard or wood when searching for hydraulic leaks. **DO NOT USE YOUR HANDS!**
- Before connecting or disconnecting hydraulic hoses, read your power unit's operator's manual for detailed instructions on connecting and disconnecting hydraulic attachments.
- Make certain that all parts meet the specifications for this product when installing or replacing hydraulic hoses or fittings.
- After connecting hydraulic lines:
 - Slowly and carefully raise the loader and cycle the rollback / dump cylinders to check hose clearances and to check for any interference.
 - Operate the hydraulics on this product to check hose clearances and to check for any interference.
 - Make certain that the hoses cannot interfere with or actuate the quick-attach mechanism.
 - Make certain that hoses will not be pinched, or get tangled, in any equipment.
- Refer to your power unit's operator's manual and this manual for procedures and intervals, then inspect and maintain the entire hydraulic system to insure that the fluid remains clean, that all devices function properly, and that there are no fluid leaks.

WHEN MOUNTING THIS PRODUCT TO YOUR POWER UNIT:

- Refer to the operator's manuals of your power unit, your loader, and your quick-attach for special or detailed mounting instructions.
- This product should fit onto the quick-attach or loader arms of your power unit the same as the original products that were designed by your loader / quick-attach manufacturer.
- If this product does not fit properly, contact FFC before operating.
- Never place your finger into the mounting plate or loader holes. A slight movement of the power unit or this product could cause serious injury.

BEFORE EACH USE, THOROUGHLY INSPECT THIS PRODUCT AND:

- Make certain that all safety signs are in place and legible. Refer to the safety sign page in this manual for the placement of safety signs for this product.
- Replace all damaged or excessively worn parts and hardware only with genuine FFC parts or with properly rated fasteners, hydraulic hoses, or fittings.
- Make certain that all locking pins, latches, and connection devices are properly installed and secured.
- Make certain that all protective guards, canopies, doors, etc. are in place and secure.

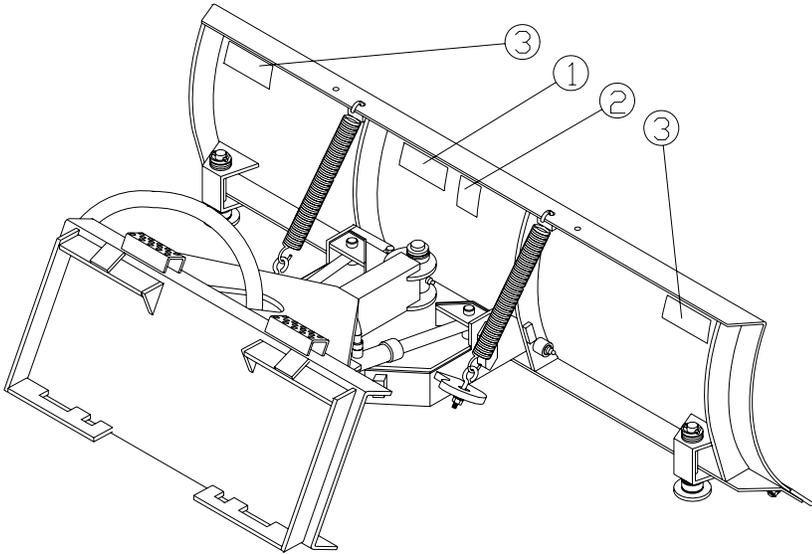
WHEN OPERATING THIS PRODUCT IN ACCORDANCE WITH DESIGN INTENTIONS:

- Do not exceed 15 miles per hour when operating.

WHEN ADJUSTING, SERVICING OR REPAIRING THIS PRODUCT:

- Make no modifications to your Snow Blade.
- When making repairs, use only genuine FFC parts or, for fasteners, hydraulic hoses, or hydraulic fittings, use only properly rated parts.
- Replacement parts, for parts with safety signs attached, must also have safety signs attached.

SAFETY SIGN LOCATIONS



(LAF1482 Shown)

ITEM	QTY.	PART # - DESCRIPTION
1	1	50-0723 -Read Manual
2	1	50-0724 -Hydraulics
3	2	RDL3123 - Pivoting Attachment

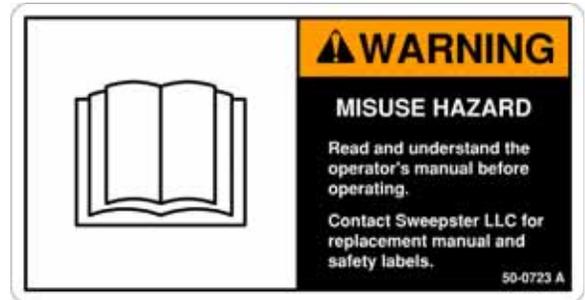
INSTRUCTIONS

- Keep all safety signs clean and legible.
- Replace all missing, illegible, or damaged safety signs.
- Replacement parts for parts with safety signs attached must also have safety signs attached.
- Safety signs are available, free of charge, from your dealer or from FFC.

PLACEMENT OR REPLACEMENT OF SAFETY SIGNS

1. Clean the area of application with non-flammable solvent, and then wash the same area with soap and water.
2. Allow the surface to fully dry.
3. Remove the backing from the safety sign, exposing the adhesive surface.
4. Apply the safety sign to the position shown in the diagram above and smooth out any bubbles.

ITEM 1



ITEM 2



ITEM 3



POWER UNIT SPECIFICATIONS

IMPORTANT Exceeding any of the maximum recommended power unit specifications **CAN** result in damage to this product and **WILL** void all FFC warranties.

DESCRIPTION	SPECIFICATIONS		
	1400 Series	11500 Series	5700 Series
Weight of Power Unit Without Snow Blade	8,000 lbs. maximum	20,000 lbs. maximum	11,000 lbs. maximum
Hydraulic Pressure Output	4,000 psi. maximum	3,500 psi. maximum	4,000 psi. maximum
Rear Ballast	As required to maintain full product stability. (Note the Shipping Weight on the specifications page, then see the operator's manual(s) for your power unit, loader, and quick-attach for ballasting needs.)		

SNOW BLADE MOUNTING



SAFETY FIRST! READ AND UNDERSTAND THE SAFETY INSTRUCTIONS (pages 2-5 of this manual) BEFORE BEGINNING ANY SNOW BLADE MOUNTING

1. Place this product on a firm, level surface that is large enough to safely accommodate this product, your power unit and all workers involved in the mounting process.
2. Refer to the operator's manual(s) for your power unit, loader, and quick-attach and follow the mounting instructions contained therein.

IMPORTANT Lubricate all grease fittings before connecting this product to your power unit's hydraulic system. Refer to SNOW BLADE MAINTENANCE page and follow the instructions.

SNOW BLADE HYDRAULIC CONNECTION



SAFETY FIRST! READ AND UNDERSTAND THE SAFETY INSTRUCTIONS (pages 2-5 of this manual) BEFORE BEGINNING ANY SNOW BLADE HYDRAULIC CONNECTION

1. You must purchase and install two hydraulic hoses that have fittings permanently attached to each end. These hoses and fittings must meet the following specifications: (NOTE: If your Snow Blade was supplied with hoses, skip to step 4.)
 - Inside Diameter:..... 0.375" (3/8")
 - Minimum Operating Pressure:..... 4,000 psi.
 - Hose End Fittings:..... One hose end must be a #6 female JIC fitting. The fitting for the other end can be whatever you determine to be the most beneficial to making the connection to your power unit.
 - Length:..... You must make this determination based upon recommendations provided in your power unit's operator's manual. The hoses must be long enough to avoid applying any tension to them (i.e. stretching) in all operating positions of this product. The hoses must not be excessively long either, because this could cause the hoses to drag on the ground, be pinched in the equipment, become entangled in moving parts, etc., any of which will shorten the life of the hose and could cause injury to the operator or others near the equipment.
2. Remove all the protective plastic caps from the hose ends and this product's connection fittings.
3. Make certain that the male and female threads, as well as the inside of the hoses, are clean, then place the #6 hose ends on/in to the fittings on this product and tighten to 21 ft. lbs., + or - 1.0 ft. lbs. (#6 is 9/16" dia. with 18 tpi.)
4. Make the connection to your power unit using the appropriate method below for your power unit:
 - If your power unit has male or female threads for connecting the hydraulic hoses to the auxiliary hydraulic lines, make certain that the threads, as well as the inside of the fittings and hoses, are clean, then secure the hoses to the fittings using the torque specified in your power unit's operator's manual.
 - If your power unit has quick-couplers for connecting the hydraulic hoses to the auxiliary hydraulic lines, you may need to purchase the proper quick-coupler fittings that you must install on the free ends of the two hoses. In most cases, the owner's manual for your power unit will describe the exact type of fitting that is needed for your hydraulic coupling system, but in no case should any fitting have an allowable operating pressure of less than 4,000 psi. Once all the quick-coupler fittings are properly installed, then the hoses can be coupled to the power unit's hydraulic valve body or auxiliary hydraulic lines as per the instructions found in your power unit's operator's manual.
5. Carefully raise the loader and cycle the tilt cylinders to check hose clearances and to check for any interference. Operate the hydraulic cylinder(s) on this product to make the same checks.
6. Cycle the hydraulic cylinder(s) on this product several times from fully retracted to fully extended until all air has been completely removed from the cylinder(s).



WARNING

Failure to obey this warning could result in death or serious injury.

Do not lock the auxiliary hydraulics of your power unit in the "ON" position.

NOTICE: When shipped, the hydraulic cylinder(s) on this product contained air or an air-fluid mixture. There are orifices beneath the port(s) in the hydraulic cylinder barrel(s) that will restrict the exit of that air. Failure to remove all the air from the hydraulic cylinder(s) can cause uneven, jerky cylinder movement when the hydraulic controls are being operated and unwanted cylinder movement when the controls are not being operated.

SNOW BLADE SETUP



**SAFETY FIRST! READ AND UNDERSTAND THE SAFETY INSTRUCTIONS
(pages 2-5 of this manual) BEFORE BEGINNING ANY SNOW BLADE SETUP**

SPRING SETUP

1. Park your power unit on a level surface with this product properly attached.
2. Place your power unit's transmission in "Park" and engage the parking brake.
3. Lower this product onto the level surface.
4. Shut off your power unit's engine, remove the starter key, wait for all moving parts to come to a stop, and relieve all pressure in the hydraulic lines.
5. Make sure that the springs on your Snow Blade comply with the specifications listed in the appropriate table below.

FOR THE 1400 SERIES ONLY: RECOMMENDED SPRING SETUP LENGTHS				
Blade Width	5'	6'	7'	8'
Recommended Spring Setup Lengths*: (Max. Length Permitted: 16-1/4")	15"	15"	15"	15"

FOR THE 11500 SERIES ONLY: RECOMMENDED SPRING SETUP LENGTHS						
Blade Width	7'	8'	9'	10'	11'	12'
Recommended Spring Setup Lengths*: (Max. Length Permitted: 15-1/8")	14-3/16"	14-3/8"	14-9/16"	14-3/4"	14-15/16"	15-1/8"

FOR THE 5700 SERIES ONLY: RECOMMENDED SPRING QUANTITIES AND SETUP LENGTHS						
Blade Width	7'	8'	9'	10'	11'	12'
Recommended Spring Setup Lengths*: (Max. Length Permitted: 15-1/8")	14-3/16"	14-3/8"	14-9/16"	14-3/4"	14-15/16"	15-1/8"

*NOTE: The "Spring Setup Lengths" are measured from the inside of one hook to the inside of the other hook.
The relaxed length of a spring is 14".

6. Test operate your Snow Blade. If the moldboard trips too easily, perform the following steps as needed:
 - A. Repeat the preceding steps (1 through 4).
 - B. First, try tightening the spade (or eye) bolts to lengthen the springs.

IMPORTANT Lengthening the springs beyond the maximums listed in the "SPRING SETUP LENGTHS" table CAN result in damage to this product and WILL void all FFC warranties.

- C. Test operate your Snow Blade again. If the moldboard still trips too easily, then contact FFC.

INSTALLATION OF OPTIONAL RUBBER EDGE

1. Remove the standard wear edge as per steps 1 through 7 on the "SNOW BLADE SERVICE (REPLACEMENT OF WEAR EDGE)" page and set aside the wear edge and all bolts.
2. Insert the bolts provided with the rubber edge through the steel strip, the rubber edge, and the base of the moldboard. Loosely secure the bolts with the lock washers and nuts that were removed in step 1.
3. For the 1400 Series: Position the rubber edge so that no more than 1" of the edge extends below the lowest point of the moldboard and tighten the nuts to 75 ft. lbs..
For the 11500 & 5700 Series: Position the rubber edge so that no more than 1-1/2" of the edge extends below the lowest point of the moldboard and tighten the nuts to 150 ft. lbs..

SNOW BLADE OPERATION



SAFETY FIRST! READ AND UNDERSTAND THE SAFETY INSTRUCTIONS (pages 2-5 of this manual) BEFORE BEGINNING ANY SNOW BLADE OPERATION



WARNING

Failure to obey the following procedures could result in death or serious injury.

- Never lift this product above (a.) the operator's eye level or (b.) to a height where visibility is obstructed, whichever is lower.
- Do not exceed 15 miles per hour while operating.

IMPORTANT Striking solid objects hidden in snow OR pushing materials other than snow CAN result in damage to this product and WILL void all FFC warranties.

Before any snowfall, inspect the site where your Snow Blade is to be used. Locate any obstructions (i.e. curbs, sidewalks, parking bumpers, pipes, shrubs, fences, etc.) and any variations in elevation (i.e. retaining walls, slopes, holes, etc.) so that these elements can be avoided during the snow plowing operation.

FOR THE 1400 SERIES ONLY:

This Snow Blade may be used for dozing light, loose materials if the springs and eye bolts are removed and replaced with the long eye bolts.

IMPORTANT Dozing of undisturbed soil, heavy materials, or similar items CAN result in damage to this product and WILL void all FFC warranties.

SNOW BLADE MAINTENANCE



SAFETY FIRST! READ AND UNDERSTAND THE SAFETY INSTRUCTIONS (pages 2-5 of this manual) BEFORE BEGINNING ANY SNOW BLADE MAINTENANCE

BEFORE EACH USE

- Make sure that all nuts and bolts are in place and properly tightened.
- Make sure that all other fasteners are in place and are performing their specified function.
- Make sure that all hydraulic fittings are tightened and that there are no leaks in any fittings or hoses.
- Make sure that all safety signs are in place, are clean, and are legible.
(SEE THE SAFETY SIGN SECTION)
- Replace any damaged parts and excessively worn parts.
- Make sure that the Radius Plate is level when your Snow Blade is in the operating position.

AFTER EVERY 10 HOURS OF USE

- Grease all grease fittings: see Parts Illustrations and Parts Lists for reference.

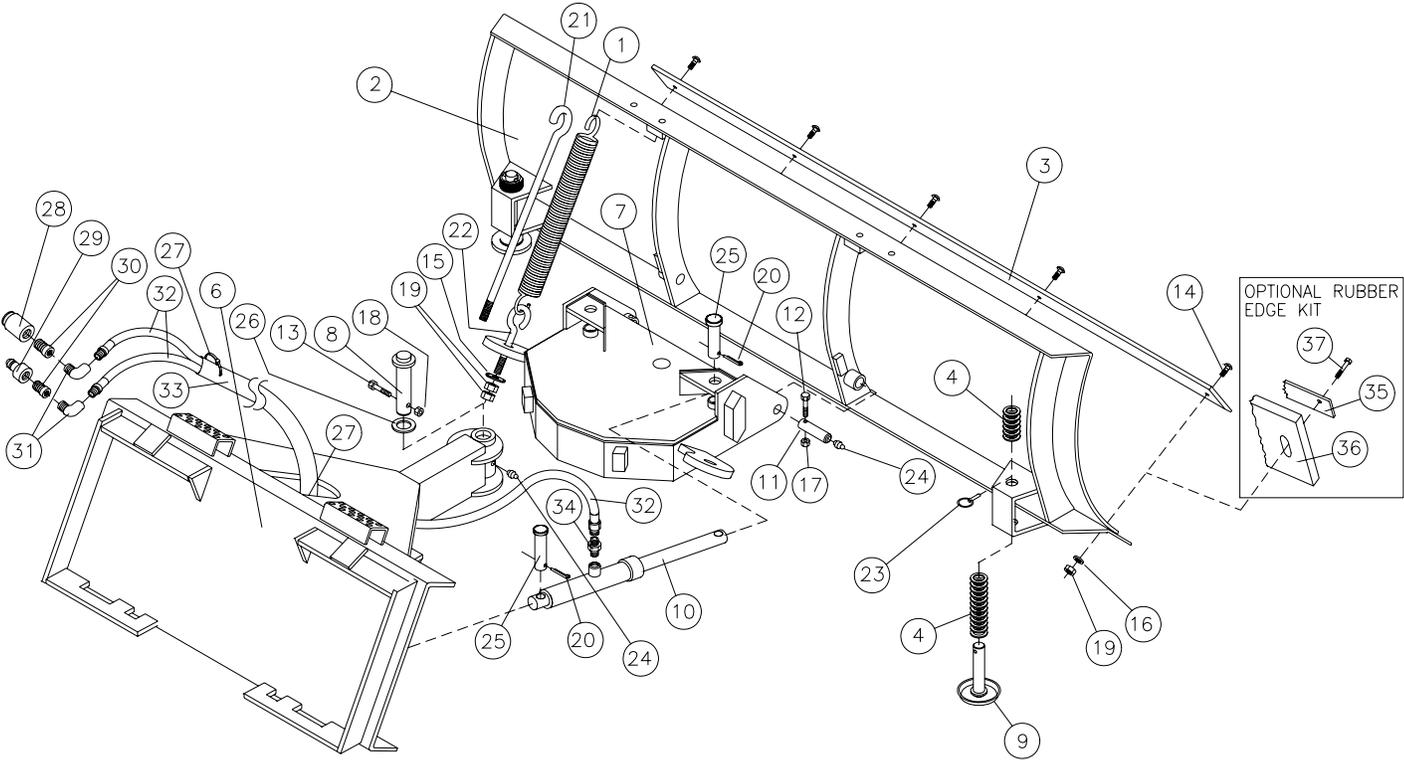


**SAFETY FIRST! READ AND UNDERSTAND THE SAFETY INSTRUCTIONS
(pages 2-5 of this manual) BEFORE BEGINNING ANY SNOW BLADE SERVICE**

REPLACEMENT OF WEAR EDGE

1. Park your power unit on a level surface with this product properly attached.
2. Place your power unit's transmission in "Park" and engage the parking brake.
3. Lower this product onto blocking positioned immediately behind the moldboard. This blocking must be of sufficient height to hold the wear edge approximately 6" to 8" above the level surface.
4. Shut off your power unit's engine, remove the starter key, wait for all moving parts to come to a stop, and relieve all pressure in the hydraulic lines.
5. Loosen the nuts on all the wear edge bolts and remove all nuts and wear edge bolts except the bolts on each end of the wear edge.
6. While holding up the end of the wear edge, remove the nut and bolt from that end and allow that end to pivot down to the level surface.
7. Repeat step 6 for the other end of the wear edge. Properly dispose of the wear edge and all bolts and nuts.
FOR THE 1400 SERIES ONLY: These edges are reversible and may be flipped top-to-bottom for reinstallation.
8. Reinstall a new wear edge by reversing the procedures in steps 7 through 5 and tightening the nuts to 75 ft. lbs.
FOR THE 11500 and 5700 SERIES ONLY: Tighten the nuts to 150 ft. lbs.

PARTS ILLUSTRATION: 1400 Series

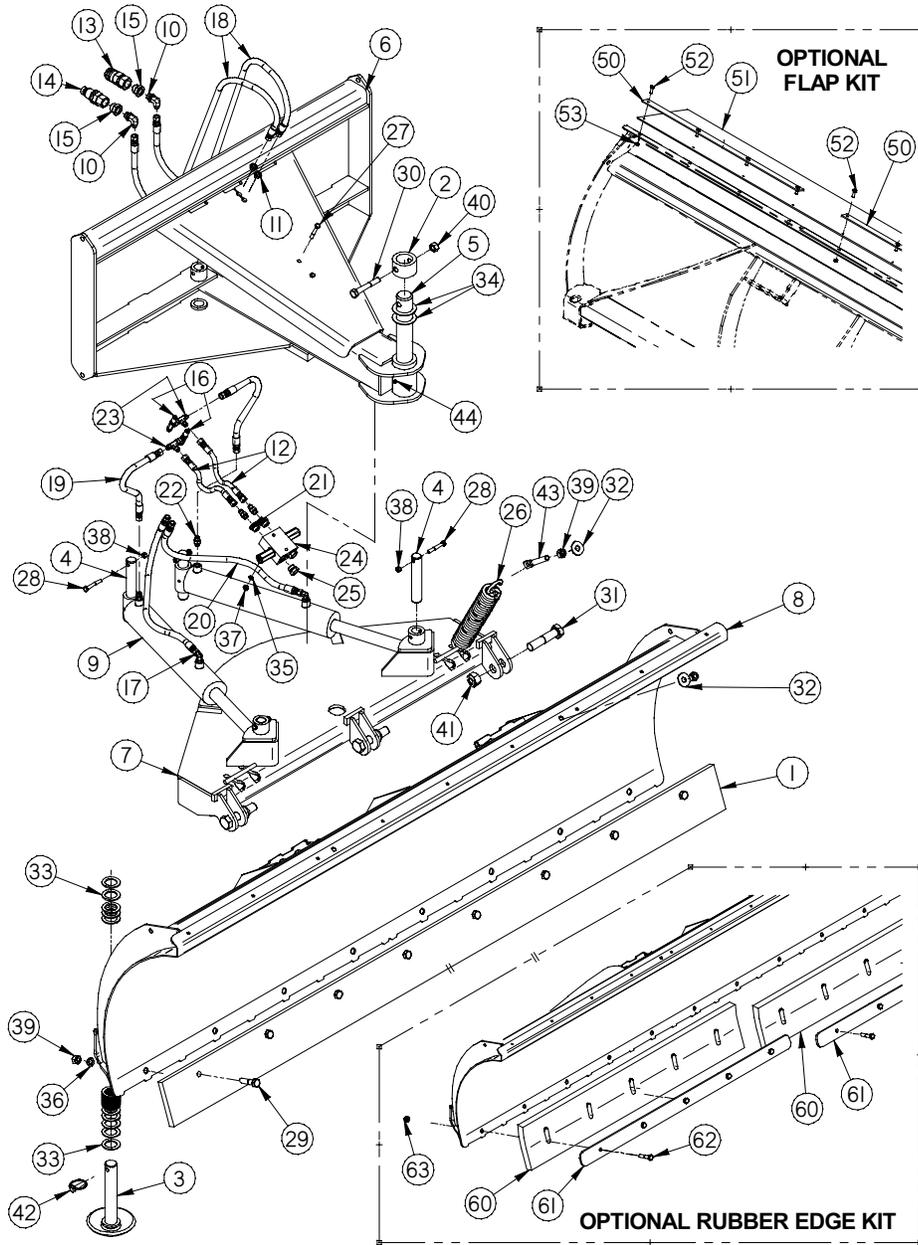


SNOW BLADE PARTS LIST: 1400 Series

ITEM	QTY.	5'	6'	7'	8'	DESCRIPTION
		LAF1462	LAF1474	LAF1482	LAF1498	
1	2				DHF2018	Trip Spring: 2" x 14"
2	1	LAF1402	LAF1403	LAF1404	LAF1419	Moldboard
3	1	LAF1406	LAF1407	LAF1408	LAF1420	Wear Edge
4	22				07-10126	Grade 5 Flat Washer: 1-5/8" SAE
6	1				LAF1416	Loader Attachment Plate
7	1				LAF1417	Radius Plate
8	1				LAF1418	Pivot Pin
9	2				LAF1485	Skid Shoe
10	2				LAF4563	Hydraulic Cylinder: 1-1/2" piston, 11-1/2" stroke, 4000 psi.
11	2				LAF9782	Pin: 1" x 3-3/8"
12	2				RHW1041	Grade 8 Hex Head Cap Screw: 1/4" x 2"
13	1				RHW1212	Grade 5 Hex Head Cap Screw: 3/8" x 2-1/4"
14	varies	(5)	(6)	(7)	(8) RHW2407	Grade 5 Carriage Bolt: 1/2" x 2"
15	2				RHW5462	Grade 5 Flat Washer: 1/2", USS
16	varies	(5)	(6)	(7)	(8) RHW6402	Grade 5 Lock Washer: 1/2"
17	2				RHW7002	Grade 5 Lock Nut: 1/4"
18	1				RHW7203	Grade 5 Lock Nut: 3/8"
19	Varies	(9)	(10)	(11)	(12) RHW7401	Grade 5 Hex Nut: 1/2"
20	4				RHW8011	Grade 2 Cotter Pin: 1/8" x 1-1/4"
21	2				RHW8062	Eyebolt: 1/2" x 20-1/4", 13 tpi.
22	2				RHW8063	Eyebolt: 1/2" x 6-3/4", 13 tpi.
23	2				RHW8064	Lynch Pin: 7/16" x 1-5/8" (useable)
24	4				RHW8090	Grease Zerk: 1/4", 28 tpi., self-tapping
25	4				RHW8227	Clevis Pin: 3/4" x 3-1/2" (3-1/4" useable)
26	1 - 4	(as needed)			RHW8603	Machinery Bushing: 1" ID x 1-1/2" OD, 10 ga. thick
27	2				RMR5002	Nylon Cable Ties: 1/4" x 11"
28	1	Contact FFC to obtain the correct item				Hydraulic Coupler: Female
29	1	Contact FFC to obtain the correct item				Hydraulic Coupler: Male
30	2	Contact FFC to obtain the correct item				Hydraulic Adapter (not required for all models)
31	2	Contact FFC to obtain the correct item				Hydraulic Elbow (not required for all models)
32	2	Contact FFC to obtain the correct item				Hydraulic Hose: 3/8" ID
33	1	Contact FFC to obtain the correct item				Hydraulic Hose Protector: 1-7/8" diameter
34	2	Contact FFC to obtain the correct item				Hydraulic Adapter (not required for all models)
OPTIONAL RUBBER EDGE KIT						
		LAF6485	LAF6486	LAF6487	LAF6488	
35	1	LAF6465 (5')	LAF6466 (6')	LAF6467 (7')	LAF6468 (8')	Flat Strip (length noted)
36	1	LAF9995 (5')	LAF9998 (6')	LAF9996 (7')	LAF9992 (8')	Rubber Wear Edge (length noted)
37	varies	(5)	(6)	(7)	(8) RHW1411	Grade 5 Hex Head Cap Screw: 1/2" x 3"

NOTE: All parts are the same as the LAF1498 except for those parts numbered under the other models.

PARTS ILLUSTRATION: 11500 Series



SNOW BLADE PARTS LIST: 11500 Series (7', 8', 9')

ITEM	QTY.	7' 11584	8' 11596	9' 11508	DESCRIPTION
1	1	13-51823 (7')	13-51824 (8')	13-50727 (9')	Wear Edge: ¾" x 6" x length noted
2	1			LAF1483	King Pin Collar
3	2			LAF1485	Skid Shoe
4	4			LAF1487	Cylinder Pin
5	1			LAF1488	King Pin
6	1			LAF1509	Loader Attachment Plate
7	1			LAF1510	Radius Plate
8	1	LAF1512	LAF1513	LAF1514	Moldboard
9	2			LAF4044	Hydraulic Cylinder: 3" piston, 16" stroke
10	2	Contact FFC to obtain the correct item			Hydraulic Elbow (not required for all models)
11	2			LAF4098	Bulkhead Jam Nut: 9/16", #6 fitting, 18 tpi.
13	1	Contact FFC to obtain the correct item			Hydraulic Coupler: Female
14	1	Contact FFC to obtain the correct item			Hydraulic Coupler: Male
15	2	Contact FFC to obtain the correct item			Hydraulic Adapter (not required for all models)
16	2			LAF4275	Bulkhead Run Tee: 6MJ x 6MJ x 6MJ
17	2			LAF4298	Hydraulic Elbow: 90°, 6MB - 6MJ
18	2	Contact FFC to obtain the correct item			Hydraulic Hose: 3/8" ID
19	2			LAF4332	Hydraulic Hose: 3/8" x 16", 6FJ - 6FJ
20	2			LAF4349	Hydraulic Hose: 3/8" x 26", 6FJ - 6FJ
21	2			LAF4405	Hydraulic Adapter: 6FB - 10MB
22	2			LAF4406	Hydraulic Adapter: 6MB - 6MJ
26	4			LAF6405	Trip Spring
28	4			RHW1213	Grade 5 Hex Head Cap Screw: 3/8" x 2-1/2"
29	varies	(7)	(8)	(9) RHW1606	Grade 5 Hex Head Cap Screw: 5/8" x 2-1/2"
30	2			RHW1612	Grade 5 Hex Head Cap Screw: 5/8" x 4"
31	3			RHW1912	Grade 5 Hex Head Cap Screw: 1" x 4-1/2"
32	8			RHW5662	Grade 5 Flat Washer: 5/8", USS
33	40			07-10126	Grade 5 Flat Washer: 1-5/8" SAE
34	2			RHW5971	Machinery Bushing: 2", 3" OD, ¾" thick
36	varies	(7)	(8)	(9) RHW6602	Grade 5 Lock Washer: 5/8"
38	4			RHW7203	Grade 5 Lock Nut: 3/8"
39	varies	(15)	(16)	(17) RHW7601	Grade 5 Hex Nut: 5/8"
40	2			RHW7603	Grade 5 Lock Nut: 5/8"
41	3			RHW7902	Grade 5 Retaining Nut: 1" nylock
42	2			RHW8064	Lynch Pin: 7/16" x 1-5/8" (useable)
43	4			RHW8065	Grade 2 Spade Bolt: 5/8" x 4-3/4"
44	8			RHW8090	Grease Zerk: ¼", 28 tpi., self-tapping
OPTIONAL FLAP KIT					
		LAF6492	LAF6493	LAF6494	
50	2	(2) 13-51708	(1) 13-51708 (1) 13-51709	(2) 13-51709	Flap Strip 4-Hole Flap Strip 5-Hole
51	1	LAF6477 (7')	LAF6478 (8')	LAF6479 (9')	Rubber Flap (length noted)
52	varies	(8)	(9)	(10) RHW1105	Grade 5 Hex Head Cap Screw: 5/16" x 1"
53	varies	(8)	(9)	(10) RHW7103	Grade 5 Lock Nut: 5/16"
OPTIONAL RUBBER EDGE KIT					
		LAF1551	LAF1552	LAF1553	
60	2	(1) LAF9407 (1) LAF9408	(2) LAF9408	(1) LAF9408 (1) LAF9409	Rubber Edge Strap: 3' Rubber Edge Strap: 4' Rubber Edge Strap: 5'
61	2	(1) LAF9403 (1) LAF9404	(2) LAF9404	(1) LAF9404 (1) LAF9405	Rubber Wear Edge: 3' Rubber Wear Edge: 4' Rubber Wear Edge: 5'
62	varies	(7)	(8)	(9) RHW1608	Grade 5 Hex Head Cap Screw: 5/8" x 3"
63	varies	(7)	(8)	(9) RHW7603	Grade 5 Lock Nut: 5/8"

NOTE: All parts are the same as the 11508 except for those parts numbered under the other models.

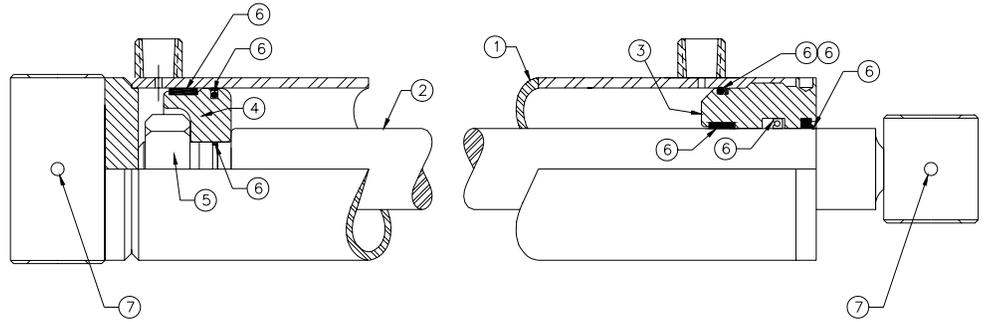
SNOW BLADE PARTS LIST: 11500 Series (10', 11', 12')

ITEM	QTY.	10' 11520	11' 11532	12' 11544	DESCRIPTION
1	1	13-50757 (10')	13-50086 (11')	13-50121 (12')	Wear Edge: ¾" x 6" x length noted
2	1			LAF1483	King Pin Collar
3	2			LAF1485	Skid Shoe
4	4			LAF1487	Cylinder Pin
5	1			LAF1488	King Pin
6	1			LAF1509	Loader Attachment Plate
7	1			LAF1510	Radius Plate
8	1	LAF1515	LAF1516	LAF1517	Moldboard
9	2			LAF4044	Hydraulic Cylinder: 3" piston, 16" stroke
10	2	Contact FFC to obtain the correct item			Hydraulic Elbow (not required for all models)
11	2			LAF4098	Bulkhead Jam Nut: 9/16", #6 fitting, 18 tpi.
12	2			LAF4177	Hydraulic Hose: 1/4" x 9-1/4", 6FJ - 6FJ
13	1	Contact FFC to obtain the correct item			Hydraulic Coupler: Female
14	1	Contact FFC to obtain the correct item			Hydraulic Coupler: Male
15	2	Contact FFC to obtain the correct item			Hydraulic Adapter (not required for all models)
16	2			LAF4275	Bulkhead Run Tee: 6MJ x 6MJ x 6MJ
17	2			LAF4298	Hydraulic Elbow: 90°, 6MB - 6MJ
18	2	Contact FFC to obtain the correct item			Hydraulic Hose: 3/8" ID
19	2			LAF4332	Hydraulic Hose: 3/8" x 16", 6FJ - 6FJ
20	2			LAF4349	Hydraulic Hose: 3/8" x 26", 6FJ - 6FJ
21	2			LAF4405	Hydraulic Adapter: 6FB - 10MB
22	4			LAF4406	Hydraulic Adapter: 6MB - 6MJ
23	2			LAF4493	Run Tee: 6MJ x 6FJX x 6MJ
24	1			LAF4513	Dual Relief Block Assy-1500 PSI
25	2			LAF4517	Plug 10MB
26	4			LAF6405	Trip Spring
27	2			RHW1112	Grade 5 Hex Head Cap Screw: 5/16" x 2-1/2"
28	4			RHW1213	Grade 5 Hex Head Cap Screw: 3/8" x 2-1/2"
29	varies	(10)	(11)	(12) RHW1606	Grade 5 Hex Head Cap Screw: 5/8" x 2-1/2"
30	2			RHW1612	Grade 5 Hex Head Cap Screw: 5/8" x 4"
31	3			RHW1912	Grade 5 Hex Head Cap Screw: 1" x 4-1/2"
32	8			RHW5662	Grade 5 Flat Washer: 5/8", USS
33	40			07-10126	Grade 5 Flat Washer: 1-5/8" SAE
34	2			RHW5971	Machinery Bushing: 2", 3" OD, ¾" thick
35	2			RHW6102	Grade 5 Lock Washer: 5/16"
36	varies	(10)	(11)	(12) RHW6602	Grade 5 Lock Washer: 5/8"
37	2			RHW7101	Grade 5 Hex Nut: 5/16"
38	4			RHW7203	Grade 5 Lock Nut: 3/8"
39	varies	(18)	(19)	(20) RHW7601	Grade 5 Hex Nut: 5/8"
40	2			RHW7603	Grade 5 Lock Nut: 5/8"
41	3			RHW7902	Grade 5 Retaining Nut: 1" nylock
42	2			RHW8064	Lynch Pin: 7/16" x 1-5/8" (useable)
43	4			RHW8065	Grade 2 Spade Bolt: 5/8" x 4-3/4"
44	8			RHW8090	Grease Zerk: ¼", 28 tpi., self-tapping
OPTIONAL FLAP KIT					
		LAF6495	LAF64973	LAF6498	
50	3	(1) 13-51707 (2) 13-51708	(3) 13-51708	(2) 13-51708 (1) 13-51709	Flap Strip 3-Hole Flap Strip 4-Hole Flap Strip 5-Hole
51	1	LAF6480 (10')	LAF6443(11')	LAF6444(12')	Rubber Flap (length noted)
52	varies	(11)	(12)	(13) RHW1105	Grade 5 Hex Head Cap Screw: 5/16" x 1"
53	varies	(11)	(12)	(13) RHW7103	Grade 5 Lock Nut: 5/16"
OPTIONAL RUBBER EDGE KIT					
		LAF1554	LAF1555	LAF1556	
60	2	(2) LAF9409	(1) LAF9409 (1) LAF9410	(2) LAF9410	Rubber Edge Strap: 5' Rubber Edge Strap: 6'
61	2	(2) LAF9405	(1) LAF9405 (1) LAF9406	(2) LAF9406	Rubber Wear Edge: 5' Rubber Wear Edge: 6'
62	varies	(10)	(11)	(12)RHW1608	Grade 5 Hex Head Cap Screw: 5/8" x 3"
63	varies	(10)	(11)	(12)RHW7603	Grade 5 Lock Nut: 5/8"

NOTE: All parts are the same as the 11544 except for those parts numbered under the other models.

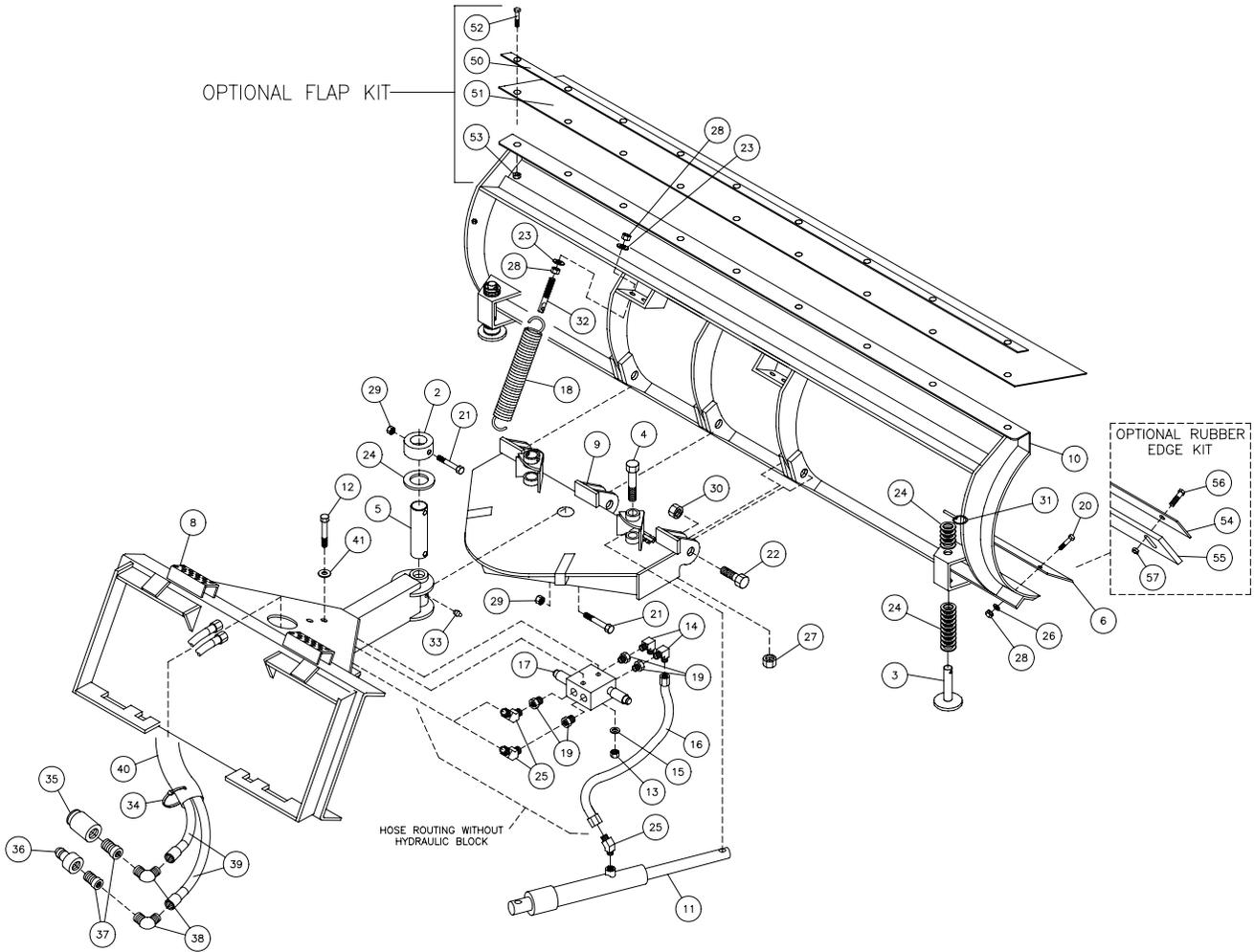
SNOW BLADE PARTS LIST: 11500 Series (10', 11', & 12' Continued)

HYDRAULIC CYLINDER
ILLUSTRATION: LAF4044



NUMBERS FROM HYDRAULIC CYLINDER ILLUSTRATION: LAF4044 (All 11500 Series Models)			
ITEM	QTY.	PART #	DESCRIPTION
1	1	LAF4162	Barrel: 3" ID x 16" Stroke with Cross Tube End
2	1	LAF4163	Shaft: 1-1/2" Diameter with Cross Tube End
3	1	LAF4102	Head: 1-1/2" ID, nominal
4	1	LAF4103	Piston: 3" OD x 1-1/2" ID, nominal
5	1	LAF4104	Nut: Grade 8, 1", 14 tpi.
6	1	LAF4005	Seal Kit (includes all seals, o-rings, etc.)
7	3	RHW8090	Grease Zerk: 1/4", 28 tpi., self-tapping

PARTS ILLUSTRATION: 5700 Series



SNOW BLADE PARTS LIST: 5700 Series (7', 8', 9')

ITEM	QTY.	7' LAF5784	8' LAF5796	9' LAF5708	DESCRIPTION
2	1			LAF9008	Bushing: 2-1/4" x 1-3/8", 3/8" wall
3	2			LAF1485	Skid Shoe
4	4			RHW1715	Grade 5 Hex Head Cap Screw: 3/4" x 5"
5	1			LAF9007	King Pin
6	1	13-51823 (7')	13-51824 (8')	13-50727 (9')	Wear Edge: 3/4" x 6" x length noted
8	1			LAF9005	Loader Attachment Plate
9	1			LAF9006	Radius Plate
10	1	LAF1512 (7')	LAF1513 (8')	LAF1514 (9')	Moldboard (Length Noted)
11	2			LAF4563	Cylinder: 1-1/2" x 11-1/2", 4000 psi.
12	n/a			RHW1112	Grade 5 Hex Head Cap Screw: 5/16" x 2-1/2"
13	n/a			RHW7101	Grade 5 Hex Nut: 5/16"
14	n/a			LAF4298	Hydraulic Elbow: 90°, 6MB – 6MJ
15	n/a			RHW6102	Grade 5 Lock Washer: 5/16"
16	n/a			LAF4176	Hydraulic Hose: 1/4" x 10-1/4", 6FJ – 6FJ
17	n/a			LAF4513	Dual Relief Block Assembly
18	4			LAF6405	Trip Spring
19	n/a			LAF4405	Hydraulic Adapter: 6FB – 10MB
20	varies	(7)	(8)	(9) RHW1606	Grade 5 Hex Head Cap Screw: 5/8" x 2-1/2"
21	2			RHW1411	Grade 5 Hex Head Cap Screw: 1/2" x 3"
22	3			RHW1912	Grade 5 Hex Head Cap Screw: 1" x 4-1/2"
23	8			RHW5662	Grade 5 Flat Washer: 5/8", USS
24	1			RHW5970	Machinery Bushing: 1-1/2" ID x 2-1/4" OD, 10 ga.
24	40			07-10126	Grade 5 Flat Washer: 1-5/8" SAE
25	2			LAF4246	Hydraulic Elbow: 45°, 6MB – 6MJ
26	varies	(7)	(8)	(9) RHW6602	Grade 5 Lock Washer: 5/8"
27	4			RHW7703	Grade 5 Lock Nut: 3/4"
28	varies	(15)	(16)	(17) RHW7601	Grade 5 Hex Nut: 5/8"
29	2			RHW7403	Grade 5 Lock Nut: 1/2"
30	3			RHW7902	Grade 5 Retaining Nut: 1" Nylock
31	2			RHW8064	Lynch Pin: 7/16" x 1-5/8"
32	4			RHW8065	Grade 2 Spade Bolt: 5/8" x 4-3/4"
33	1			RHW8090	Grease Zerk: 1/4", 28 tpi., self-tapping
34	2			RMR5002	Wiretie: 1/4" x 6"
35	1	Contact FFC to obtain correct item			Quick Coupler: Female
36	1	Contact FFC to obtain correct item			Quick Coupler: Male
37	2	Contact FFC to obtain correct item			Adapter (not required for all models)
38	2	Contact FFC to obtain correct item			Elbow (not required for all models)
39	2	Contact FFC to obtain correct item			Hydraulic Hose: 3/8"
40	1	Contact FFC to obtain correct item			Hose Sheathing
41	2	Not Used	Not Used	Not Used	Grade 5 Flat Washer: 5/16" USS
OPTIONAL FLAP KIT					
		LAF6492	LAF6493	LAF6494	
50	2	(2) 13-51708	(1) 13-51708 (1) 13-51709	(2) 13-51709	Flap Strip 4-Hole Flap Strip 5-Hole
51	1	LAF6477 (7')	LAF6478 (8')	LAF6479 (9')	Rubber Flap (Length Noted)
52	varies	(8)	(9)	(10) RHW1105	Grade 5 Hex Head Cap Screw: 5/16" x 1"
53	varies	(8)	(9)	(10) RHW7103	Grade 5 Lock Nut: 5/16"
OPTIONAL RUBBER EDGE KIT					
		LAF1551	LAF1552	LAF1553	
54	2	(1) LAF9407 (1) LAF9408	(2) LAF9408	(1) LAF9408 (1) LAF9409	Rubber Edge: 3' Rubber Edge: 4' Rubber Edge: 5'
55	2	(1) LAF9403 (1) LAF9404	(2) LAF9404	(1) LAF9404 (1) LAF9405	Rubber Wear Edge: 3' Rubber Wear Edge: 4' Rubber Wear Edge: 5'
56	varies	(7)	(8)	(9) RHW1608	Grade 5 Hex Head Cap Screw: 5/8" x 3"
57	varies	(7)	(8)	(9) RHW7603	Grade 5 Lock Nut: 5/8"

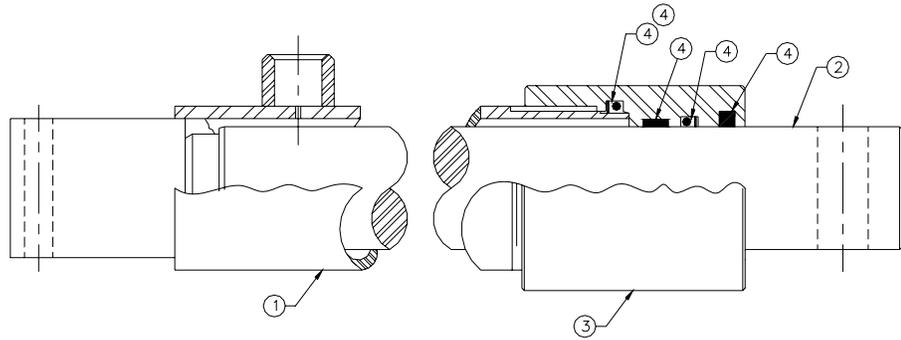
NOTE: All parts are the same as the LAF5708 except for those parts numbered under the other models.

SNOW BLADE PARTS LIST: 5700 Series (10', 11', 12')

ITEM	QTY.	10' LAF5720	11' LAF5732	12' LAF5744	DESCRIPTION
2	1			LAF9008	Bushing: 2-1/4"x1-3/8", 3/8" wall
3	2			LAF1485	Skid Shoe
4	4			RHW1715	Gr. 5 Hex Head Cap Screw: 3/4"x5"
5	1			LAF9007	King Pin
6	1	13-50757 (10')	13-50086 (11')	13-50121 (12')	Wear Edge: 3/4" x 6" x length noted
8	1			LAF9005	Loader Attachment Plate
9	1			LAF9006	Radius Plate
10	1	LAF1515 (10')	LAF1516 (11')	LAF1517 (12')	Moldboard (Length Noted)
11	2			LAF4563	Cylinder: 1-1/2x11-1/2"
12	2			RHW1112	Gr. 5 Hex Head Cap Screw: 5/16"x2-1/2"
13	2			RHW7101	Grade 5 Hex Nut: 5/16"
14	2			LAF4298	Hydraulic Elbow: 90°, 6MB – 6MJ
15	2			RHW6102	Grade 5 Lock Washer: 5/16"
16	2			LAF4176	Hydraulic Hose: 1/4" x 10-1/4", 6FJ – 6FJ
17	1			LAF4513	Dual Relief Block Assembly
18	4			LAF6405	Trip Spring
19	4			LAF4405	Hydraulic Adapter: 6FB – 10MB
20	varies	(10)	(11)	(12)RHW1606	Grade 5 Hex Head Cap Screw: 5/8" x 2-1/2"
21	2			RHW1411	Grade 5 Hex Head Cap Screw: 1/2" x 3"
22	3			RHW1912	Grade 5 Hex Head Cap Screw: 1" x 4-1/2"
23	8			RHW5662	Grade 5 Flat Washer: 5/8", USS
24	1			RHW5970	Machinery Bushing: 1-1/2" ID x 2-1/4" OD, 10 ga.
24	40			07-10126	Grade 5 Flat Washer: 1-5/8" SAE
25	4			LAF4246	Hydraulic Elbow: 45°, 6MB – 6MJ
26	varies	(10)	(11)	(12)RHW6602	Grade 5 Lock Washer: 5/8"
27	4			RHW7703	Grade 5 Lock Nut: 3/4"
28	varies	(18)	(19)	(20)RHW7601	Grade 5 Hex Nut: 5/8"
29	2			RHW7403	Grade 5 Lock Nut: 1/2"
30	3			RHW7902	Grade 5 Retaining Nut: 1" Nylock
31	2			RHW8064	Lynch Pin: 7/16" x 1-5/8"
32	4			RHW8065	Grade 2 Spade Bolt: 5/8" x 4-3/4"
33	1			RHW8090	Grease Zerk: 1/4", 28 tpi., self-tapping
34	2			RMR5002	Wiretie: 1/4" x 6"
35	1	Contact FFC to obtain correct item			Quick Coupler: Female
36	1	Contact FFC to obtain correct item			Quick Coupler: Male
37	2	Contact FFC to obtain correct item			Adapter (not required for all models)
38	2	Contact FFC to obtain correct item			Elbow (not required for all models)
39	2	Contact FFC to obtain correct item			Hydraulic Hose: 3/8"
40	1	Contact FFC to obtain correct item			Hose Sheathing
41	2			RHW5162	Grade 5 Flat Washer: 5/16" USS
OPTIONAL FLAP KIT					
		LAF6495	LAF6497	LAF6498	
50	3	(1) 13-51707 (2) 13-51708	(3) 13-51708	(2) 13-51708 (1) 13-51709	Flap Strip 3-Hole Flap Strip 4-Hole Flap Strip 5-Hole
51	1	LAF6480 (10')	LAF6443 (11')	LAF6444 (12')	Rubber Flap (Length Noted)
52	varies	(11)	(12)	(13) RHW1105	Grade 5 Hex Head Cap Screw: 5/16" x 1"
53	varies	(11)	(12)	(13) RHW7103	Grade 5 Lock Nut: 5/16"
OPTIONAL RUBBER EDGE KIT					
		LAF1554	LAF1555	LAF1556	
54	2	(2) LAF9409	(1) LAF9409 (1) LAF9410	(2) LAF9410	Rubber Edge: 5' Rubber Edge: 6'
55	2	(2) LAF9405	(1) LAF9405 (1) LAF9406	(2) LAF9406	Rubber Wear Edge: 5' Rubber Wear Edge: 6'
56	varies	(10)	(11)	(12) RHW1608	Grade 5 Hex Head Cap Screw: 5/8" x 3"
57	varies	(10)	(11)	(12) RHW7603	Grade 5 Lock Nut: 5/8"

NOTE: All parts are the same as the LAF5744 except for those parts numbered under the other models.

HYDRAULIC CYLINDER
ILLUSTRATION: LAF4563



NUMBERS FROM HYDRAULIC CYLINDER ILLUSTRATION: LAF4563 (All 1400 and 5700 Series Models)			
ITEM	QTY.	PART #	DESCRIPTION
1	1	LAF4616	Barrel: 1-1/2" ID x 11-1/2" Stroke with Cross Tube End
2	1	LAF4615	Shaft: 1-1/2" Diameter with Drilled End
3	1	LAF4614	Head: 1-1/2" ID, nominal
4	1	LAF4613	Seal Kit (includes all seals, o-rings, etc.)

SNOW BLADE SPECIFICATIONS

Model Number	Overall Width	Overall Height*	Overall Depth	Cutting Width		Shipping Weight
				Straight	Max. Angle	
1400 SERIES**						
LAF1462	59-3/4"	22-15/16"	33-7/16"	59-3/4"	51-3/4"	450 lbs.
LAF1474	71-3/4"	22-15/16"	33-7/16"	71-3/4"	62-1/8"	475 lbs.
LAF1482	83-3/4"	22-15/16"	33-7/16"	83-3/4"	72-1/2"	500 lbs.
LAF1498	95-3/4"	22-15/16"	33-7/16"	95-3/4"	82-7/8"	525 lbs.
11500 SERIES***						
11584	83-7/8"	31-3/4"	54-1/8"	83-7/8"	68-11/16"	1,186 lbs.
11596	95-7/8"	31-3/4"	54-1/8"	95-7/8"	78-1/2"	1,232 lbs.
11508	107-7/8"	31-3/4"	54-1/8"	107-7/8"	88-3/8"	1,309 lbs.
11520	119-7/8"	31-3/4"	54-1/8"	119-7/8"	98-3/16"	1,393 lbs.
11532	131-7/8"	31-3/4"	54-1/8"	131-7/8"	108"	1,473 lbs.
11544	143-7/8"	31-3/4"	54-1/8"	143-7/8"	117-7/8"	1,558 lbs.
5700 SERIES**						
LAF5784	83-7/8"	31-3/4"	47-11/16"	83-7/8"	72-5/8"	690 lbs.
LAF5796	95-7/8"	31-3/4"	47-11/16"	95-7/8"	83"	760 lbs.
LAF5708	107-7/8"	31-3/4"	47-11/16"	107-7/8"	93-7/16"	830 lbs.
LAF5720	119-7/8"	31-3/4"	47-11/16"	119-7/8"	103-13/16"	905 lbs.
LAF5732	131-7/8"	31-3/4"	47-11/16"	131-7/8"	114-3/16"	975 lbs.
LAF5744	143-7/8"	31-3/4"	47-11/16"	143-7/8"	124-5/8"	1045 lbs.

All replacement hydraulic hoses and fittings must have a minimum rated working pressure of 4,000 psi.

* The overall height is also the height of the moldboard without the optional flap.

** The maximum angle is 30 degrees.

*** The maximum angle is 35 degrees.

TORQUE SPECIFICATION FOR STANDARD MACHINE HARDWARE

Bolt Size	SAE Grade Bolt	Torque Ft./Lbs.	Bolt Size	SAE Grade Bolt	Torque Ft./Lbs.
1/4" - 20	8	7.6	5/8" - 11	5	150
5/16" - 18	5	15	3/4" - 10	5	300
3/8" - 16	5	30	3/4" - 10	8	200
3/8" - 16	8	45	1" - 8	5	250
1/2" - 13	5	75			



PALADIN LIGHT CONSTRUCTION

Warranty Registration Form and Delivery Inspection Report

IMPORTANT! Warranty **Void** if card is not returned with 10 days.
All Applicable sections **must** be filled in.

This section to be filled out and signed by Dealer at time of delivery.

Warranty Registration

Customer's Name _____	Dealer's Name _____
Address _____	Address _____
City _____ State _____ Zip _____	City _____ State _____ Zip _____
Phone _____	CHECK ONE:
Loader / Tractor Model _____	Construction Use _____
Delivery Date _____	Agricultural Use _____
Model or Part # _____	Landscape Use _____
Serial # _____	Other: _____

Dealer Inspection (check items applicable)

- | | |
|---|---|
| <input type="checkbox"/> All Decals installed (see operator's manual) | <input type="checkbox"/> Review Operating and Safety Instructions |
| <input type="checkbox"/> Hydraulic fittings tight and free of leaks | <input type="checkbox"/> Guards and covers in place and secure |
| <input type="checkbox"/> Fasteners tight | <input type="checkbox"/> Does Product Function Properly |

I have thoroughly instructed the buyer on the above described equipment. This review included: The Operator's manual content, equipment care, adjustments, safe operation and applicable warranty policy.

Date _____ Dealer's Rep. signature _____

This section to be completed and signed by the customer

	1 Excellent	2 Good	3 Average	4 Unsatisfactory	5 Poor
QUALITY ASSURANCE RATING					
Question:					
Quality of Product: Appearance					
Construction					
Quality of Service					
Value (Priced Fairly)					
Does it perform as claimed					

The above described equipment and Operator's Manual have been received by me and I have been thoroughly instructed as to care, adjustments, safe operation and applicable warranty policy.

Date: _____ Owner's signature _____

NOTE! Make one copy each for the dealer's and owner's records. Mail original to FFC Attachments.



PALADIN LIGHT CONSTRUCTION

FFC LIMITED 12 MONTH WARRANTY

Thank you for purchasing a FFC product. Warranty protection is valid only when this Warranty Registration is completed and signed by the customer and dealer, and mailed to FFC. I hereby acknowledge that I have received a copy of the owners Limited Warranty and I accept the terms therein.

For a period of 12 months from date of delivery of product to the original user, FFC, warrants each product to be free from manufacturing defects, subject to the limitations contained in this policy.

This warranty does not apply to defect caused, in whole or in part, by unreasonable use while in the possession of the user, including, but not limited to: failure to properly set up product; failure to provide reasonable and necessary maintenance; normal wear; routine tune ups or adjustments; improper handling or accidents; operation at speed or load conditions contrary to published specification; improper or insufficient lubrication; improper storage. This warranty is also not a guarantee that the performance of each product will meet the expectations of the purchaser.

FFC shall not be liable for consequential damages of any kind, including, but not limited to: consequential labor costs or transportation charges in connection with the replacement or repair of defective parts; lost time or expense which may have accrued because of said defects. In no event shall FFC, Inc.'s total liability hereunder exceed the product purchase price.

FFC makes no warranty with respect to trade accessories or any component or accessory of the product which was not manufactured by FFC, including any purchased components on any kind. These are subject to the warranties of their respective manufacturers. The warranty will be considered void if the product or any part of the product is modified or repaired in any way not expressly authorized by FFC, or if closed components are disassembled prior to return. Closed components include, but are not limited to: gearboxes, hydraulic pumps, motors, cylinders, and actuators.

Our obligation under the warranty is expressly limited, at our option, to the replacement or repair at FFC, of Lee, Illinois, or at a service facility designated by us, or such part or parts as inspection shall disclosed to have been defective. We are not responsible for unauthorized repairs or replacements. Any implied or statutory warranties, including any warranty of merchantability or fitness for a particular purpose, are expressly limited to the duration of this written warranty. We make no other express or implied warranty, nor is anyone authorized to make any in our behalf. This warranty cannot be extended, broadened, or changed except in writing by an authorized officer of FFC.