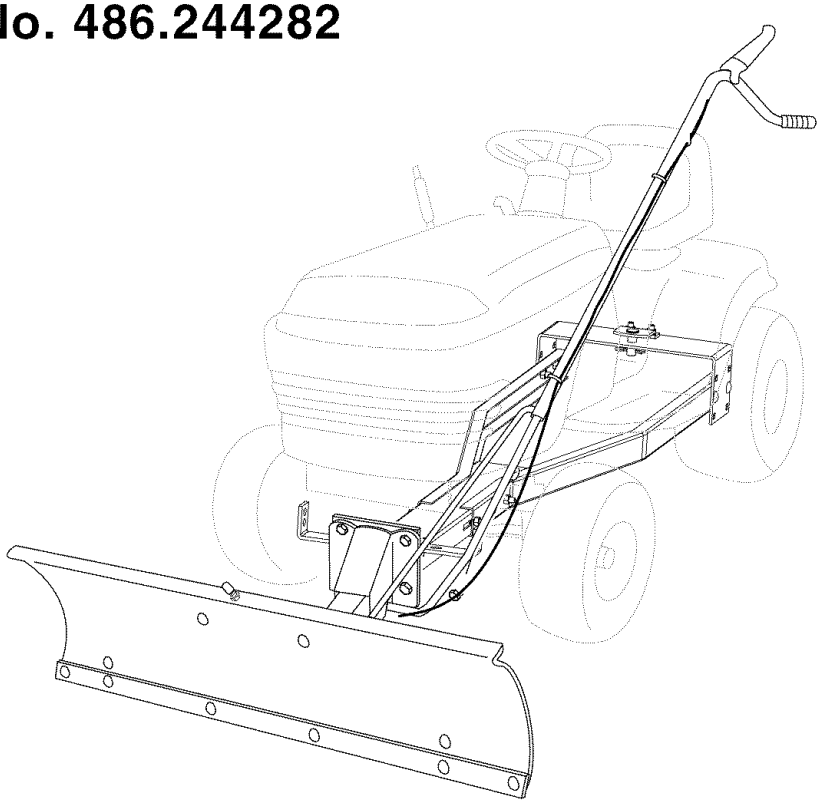
Owner's Manual

CRAFTSMAN®

48" SNOW BLADE

Model No. 486.244282



- Safety
- Assembly
- Operation
- Maintenance
- Parts

CAUTION:
Before using this product, read this manual and follow all Safety Rules and Operating Instructions.

IMPORTANT - READ THIS FIRST!!!
For Missing Parts or Assembly Questions
Please Call 866-576-8388
Mon.-Fri. 7 am - 5 pm CST.
FAX 217-728-2032 or e-mail info@agri-fab.com
Missing parts will be sent UPS in 24 hours directly to your home.

Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.
www.sears.com/craftsman

PRINTED IN U.S.A.

FORM NO. 48930 (REV. 6/04)

TABLE OF CONTENTS

WARRANTY

LIMITED ONE YEAR WARRANTY ON 48" SNOW BLADE

For one year from the date of purchase, when this snow blade is maintained and lubricated according to the operating and maintenance instructions in the owner's manual, Sears will repair any defect in material or workmanship free of charge. If this snow blade is used for commercial or rental purposes, this warranty applies for only 90 days from the date of purchase.

This warranty does not cover repairs necessary because of operator negligence or abuse, including the failure to maintain the equipment according to instructions contained in the owner's manual.

WARRANTY SERVICE IS AVAILABLE BY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES.

This warranty applies only while this product is in the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.
Sears, Roebuck and Co. D/817 WA. Hoffman Estates, Chicago, IL 60179

SAFETY

Any power equipment can cause injury if operated improperly or if the user does not understand how to operate the equipment. Exercise caution at all times, when using power equipment.

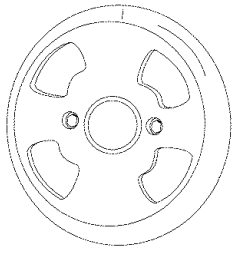
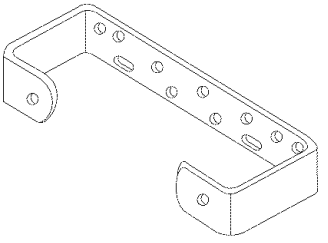
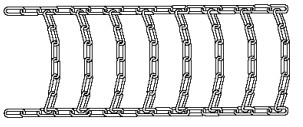
1. Read the tractor and snow blade owner's manuals and know how to operate your tractor before using tractor with snow blade attachment.
2. Never operate tractor and snow blade without wearing proper clothing suited to weather conditions and operation of controls.
3. Never allow children to operate tractor and snow blade, and do not allow adults to operate without proper instructions.
4. Always begin with transmission in first (low) gear and gradually increase speed as required.

Look for this symbol to point out important safety precautions. It mean--**Attention!! Become alert!! Your safety is involved.**

The model number and serial numbers will be found on a decal attached to the snow blade. You should record both the serial number and the date of purchase and keep in a safe place for future reference.	MODEL NUMBER: 486.244282 SERIAL NUMBER: _____ DATE OF PURCHASE: _____

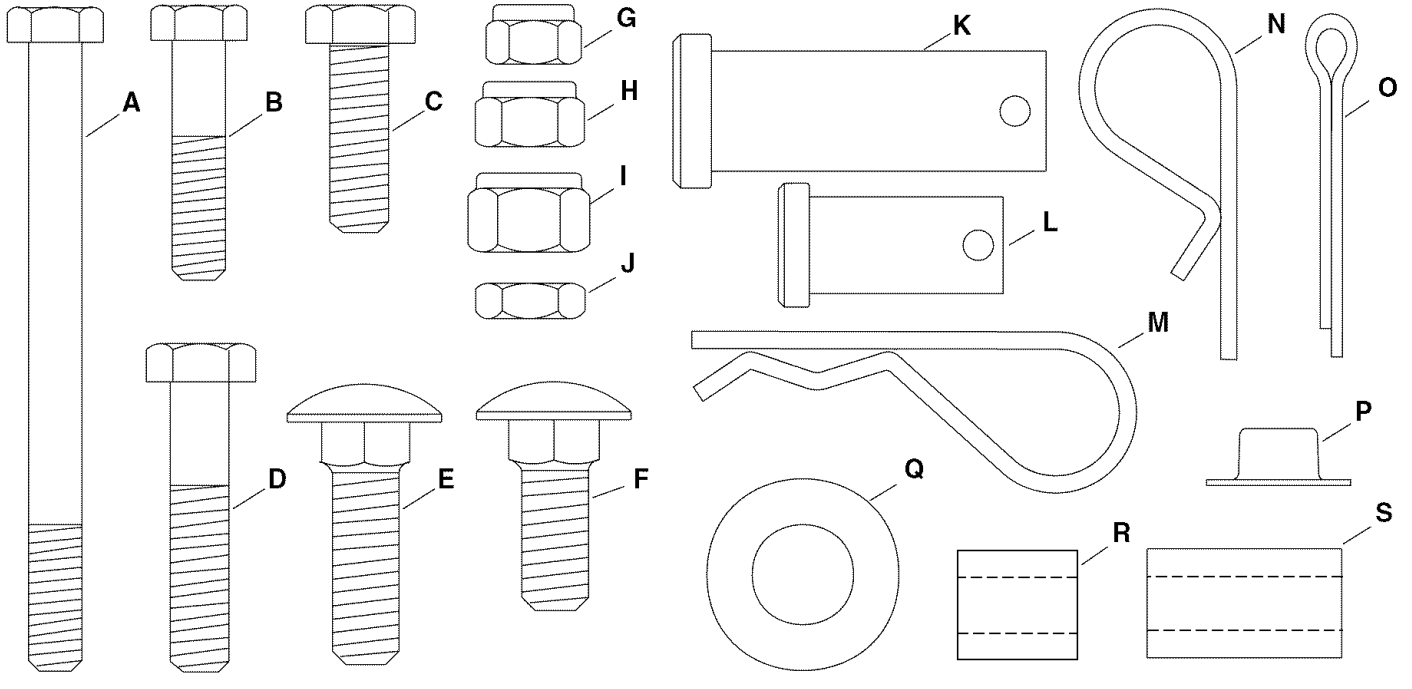
ACCESSORIES AND ATTACHMENTS

These accessories were available at most Sears retail outlets and service centers when you purchased your snow blade. Most Sears stores can order repair parts for you when you provide the model number of your snow blade.

WHEEL WEIGHT	WEIGHT BRACKET FOR DRAW BAR	TIRE CHAINS
		

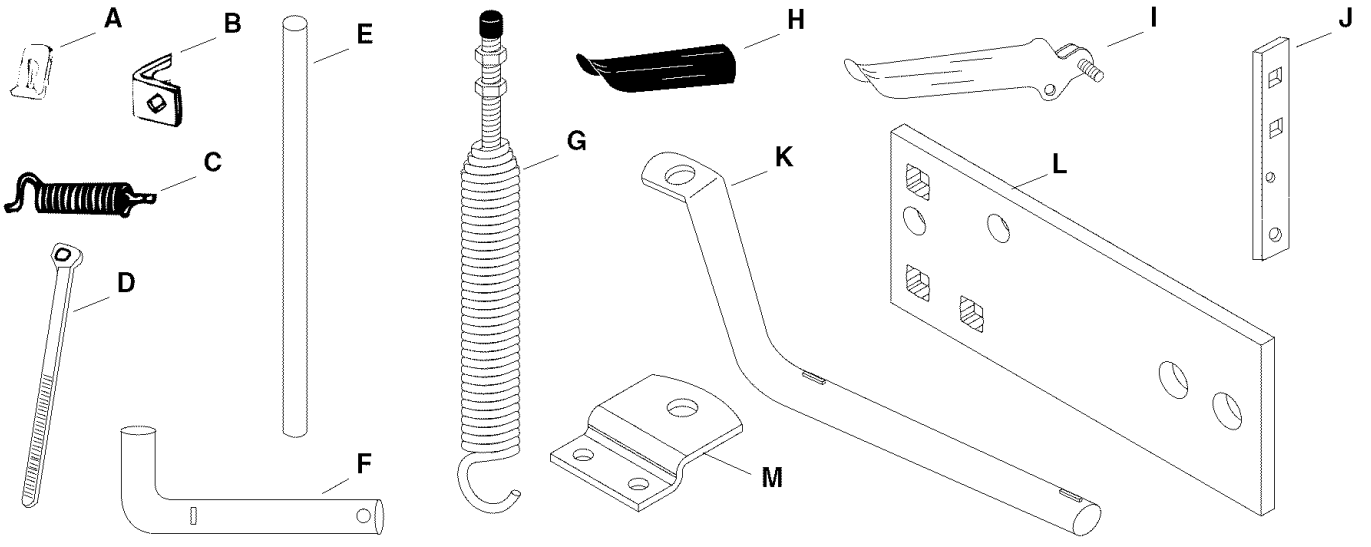
HARDWARE PACKAGE CONTENTS

(SHOWN FULL SIZE)



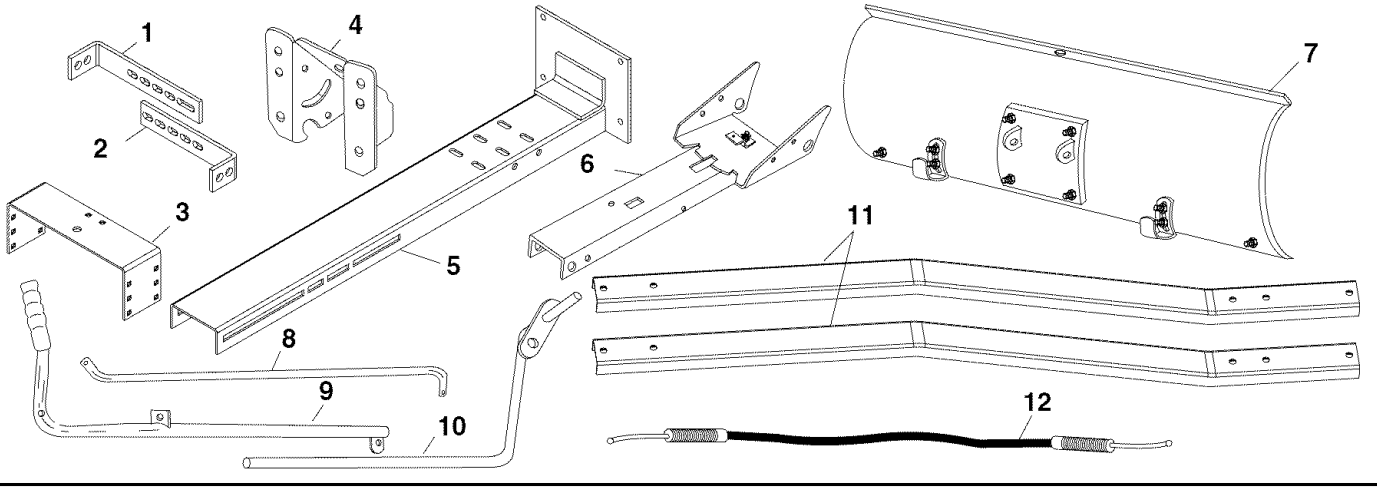
REF.	QTY.	DESCRIPTION	REF.	QTY.	DESCRIPTION
A	1	Hex Bolt, 1/4-20 x 3-1/4" LG.	K	1	Clevis Pin, 5/8" x 1-1/4"
B	1	Hex Bolt 1/4-20 x 1-1/4"	L	2	Clevis Pin, 1/2" x 1"
C	4	Hex Bolt, 5/16-18 x 1"	M	3	Hairpin Cotter, Large
D	1	Hex Bolt, 5/16-18 x 1-1/2"	N	4	Hairpin Cotter, Small
E	4	Carriage Bolt 3/8-16 x 1-1/4"	O	2	Cotter Pin 1/8" x 1-1/4"
F	18	Carriage Bolt, 3/8-16 x 1"	P	2	Palnut, 3/8"
G	3	Nylon Lock Nut, 1/4-20 Thread	Q	3	Washer 1/2"
H	5	Nylon Lock Nut, 5/16-18 Thread	R	1	Spacer, 9/16" OD x 5/8" LG.
I	22	Nylon Lock Nut, 3/8-16 Thread	S	2	Spacer, 9/16" OD x 1" LG.
J	4	Hex Jam Nut, 5/16-24 Thread			

PARTS IN HARDWARE PACKAGES NOT SHOWN FULL SIZE



REF.	QTY.	DESCRIPTION	REF.	QTY.	DESCRIPTION
A	2	Cable End Fitting	G	1	Blade Adjust Spring
B	1	Cable Mount Bracket	H	1	Plastic Grip
C	1	Angle Lock Spring	I	1	Grip Assembly
D	2	Nylon Tie	J	2	Angle Lock Bars
E	1	Spring Mount Rod	K	1	Blade Pivot Shaft
F	1	Channel Pivot Pin	L	2	Frame Bracket
			M	1	Rear Locating Bracket

CARTON CONTENTS (Loose Parts in Carton)



REF.	QTY.	DESCRIPTION	REF.	QTY.	DESCRIPTION
1	1	Long Hanger Bracket	7	1	Blade Assembly
2	1	Short Hanger Bracket	8	1	Blade Pivot Rod
3	1	Rear Mounting Bracket	9	1	Lift Handle Tube
4	1	Pivot Support Bracket	10	1	Lift Handle Rod
5	1	Thrust Channel	11	2	Rear Support Channel
6	1	Channel Assembly	12	1	Cable

ASSEMBLY

TOOLS REQUIRED FOR ASSEMBLY

(1) Pliers
(1) Hammer
(1) Adjustable Wrench (or socket set)
(1) 9/16" Open End or Box End Wrench
(2) 7/16" Open End or Box End Wrench
(2) 1/2" Open End or Box End Wrench

REMOVAL OF PARTS FROM CARTON

- Remove the loose parts and the hardware packages from the carton. Lay out all parts and hardware and identify using the illustrations on pages 3 and 4.

IMPORTANT: You will not need all of the parts supplied with your blade. Dispose of unused parts after you have finished assembling the blade.

NOTE: Right hand (R.H.) and left hand (L.H.) are determined from the operators position while seated on the tractor.

CAUTION: Do not begin assembling until the tractor engine, muffler and exhaust deflector have been allowed to cool off.

TRACTOR PREPARATION

- Allow engine, muffler and exhaust deflector to cool before beginning.
- Refer to tractor owner's manual to remove mower deck or any other attachment you may have mounted to your tractor. Mark all loose parts and save for re-assembly.

IF YOUR TRACTOR HAS FRONT DECK SUSPENSION BRACKETS, SKIP TO INSTRUCTIONS FOR FIGURE 2.

IF YOUR TRACTOR DOES NOT HAVE FRONT DECK SUSPENSION BRACKETS, USE THE INSTRUCTIONS FOR FIGURE 1.

- Figures 1A and 1B show how to attach Frame Brackets to two different John Deere tractor frames. Illustrations for attaching Frame Brackets to other tractors are shown on page 10.

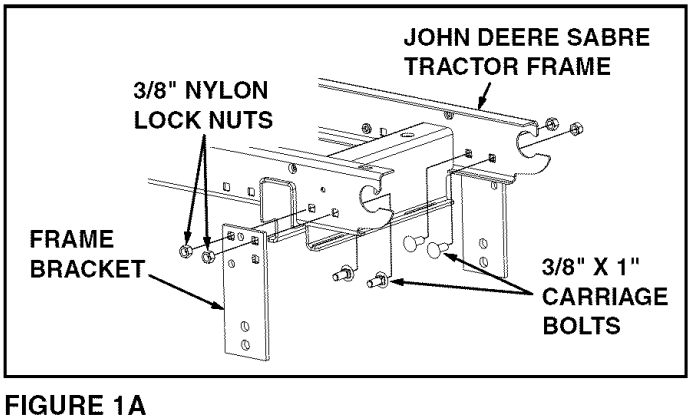


FIGURE 1A

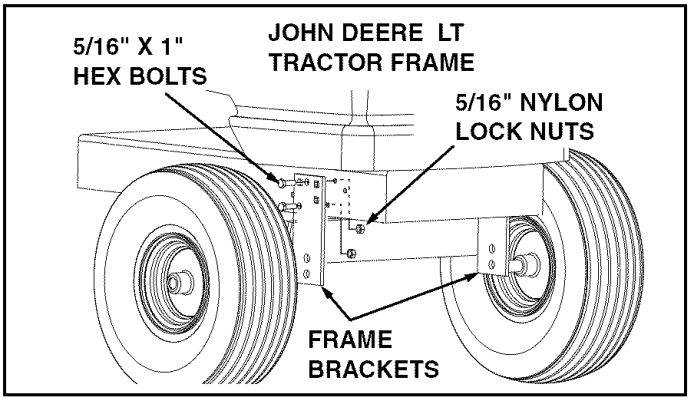


FIGURE 1B

- Locate the Mower Deck Suspension Brackets at the front of the tractor frame. See figure 2.
- Measure the distance **"H"** from the lower hole in the Mower Deck Suspension Brackets (or Frame Brackets) to the floor. If the distance is 6" or less, the Hanger Brackets will be attached with legs pointing down. If the distance is more than 6" the Hanger Brackets will be attached with legs pointing up. See figure 2.
- Measure the inside distance **"W"** between the Mower Deck Suspension Brackets (or Frame Brackets). The legs of the Hanger Brackets must fit between these brackets. See figure 2.
- Stack the short Hanger Bracket on top of the long one so that the legs are at opposite ends facing up. See figure 2.
- Turn the Hanger Brackets up or down as required by distance **"H"**. Slide the Hanger Brackets apart so that the legs will fit inside distance **"W"**.
- Attach the Hanger Brackets to the slots in the top of the Thrust Channel using two 3/8" x 1-1/4" carriage bolts and 3/8" nylock nuts. Select a set of slots that prevent interference between the front plate on the Thrust Channel and the front of the tractor. Center the brackets on the Thrust Channel and **tighten** the nuts.
- For fit-ups to other tractors, see page 10.

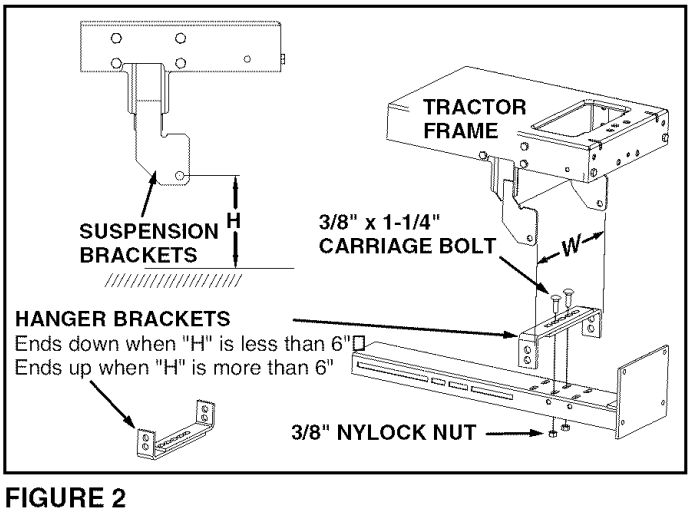


FIGURE 2

- Install the Rear Locating Bracket to the top of the Rear Mounting Bracket using two 3/8" x 1" Carriage bolts and 3/8" nylon lock nuts as shown in figure 3. **Tighten** nuts.
- Install the Rear Support Channels to the middle set of holes in the sides of the Rear Mounting Bracket using four 3/8" x 1" Carriage Bolts and 3/8" nylon lock nuts. **Finger tighten only.** See figure 3.

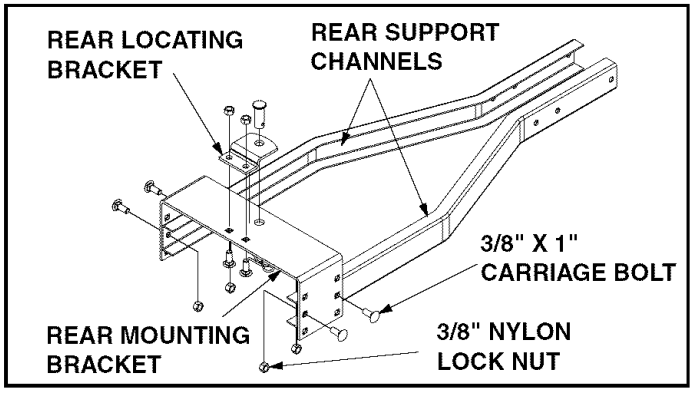


FIGURE 3

- Fit the Thrust Channel between the Rear Support Channels. Align the rear slots in the Thrust Channel with the rear holes in the Rear Support Channels and install two 3/8" x 1" carriage bolts and 3/8" nylon lock nuts. **Finger Tighten only.** See figure 4.

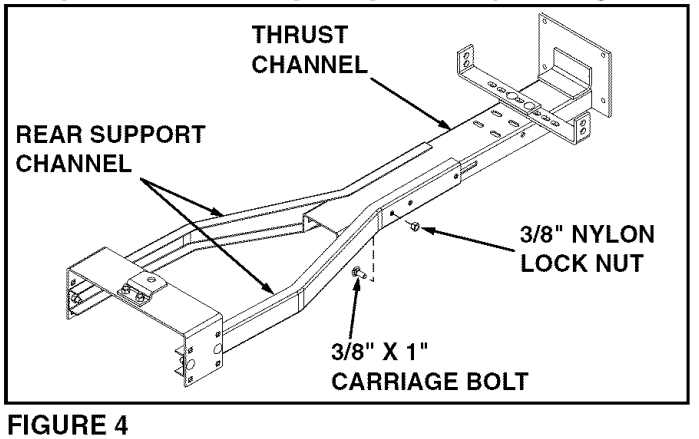


FIGURE 4

- Slide the blade frame assembly under the tractor from front to back. Attach the Rear Mounting Bracket to the Tractor Drawbar using the 5/8" x 1-3/4" Clevis Pin and a large Hairpin Cotter as shown in figure 5.

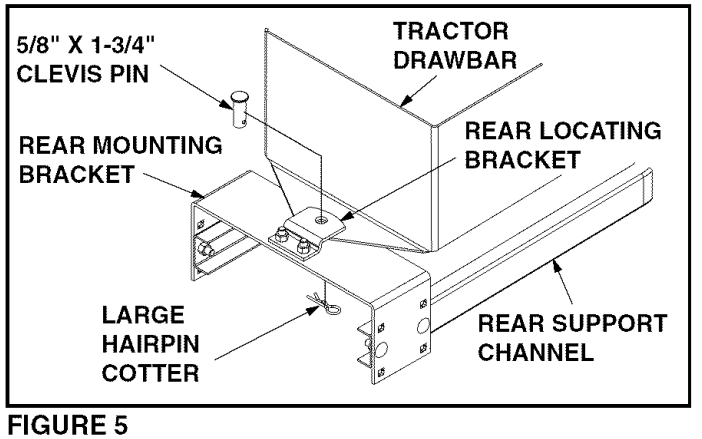


FIGURE 5

- Slide the Thrust Channel forward or back until the Hanger Brackets line up with the Deck Suspension Brackets (or Frame Brackets). Align the holes in the Brackets that will locate the bottom of the Thrust Channel 4" to 5" above the floor. Install two 1/2" x 1" clevis pins and large hairpin cotters. See figure 6.
- Install two 3/8" x 1" Carriage bolts and 3/8" nylon lock nuts in the front holes in the Rear Support Channels. **Finger Tighten only.** See figure 6.
- If the channels are not level, reattach the rear of the channels to the upper or lower holes in the Rear Mounting Bracket.
- **Tighten** all nuts installed up to this point.
- For fit-ups to other tractors, see page 10.

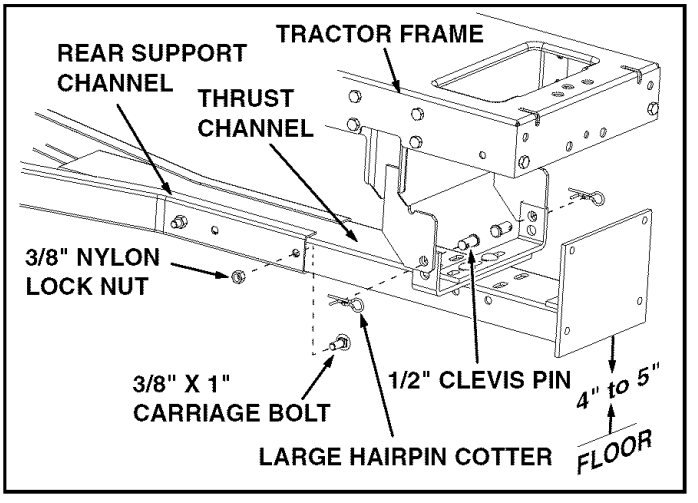


FIGURE 6

- Assemble the pivot support bracket to the front of the Thrust Channel using four 3/8" x 1" carriage bolts and four 3/8" nylon lock nuts. Make sure the bracket is straight and then **tighten.** See figure 7.

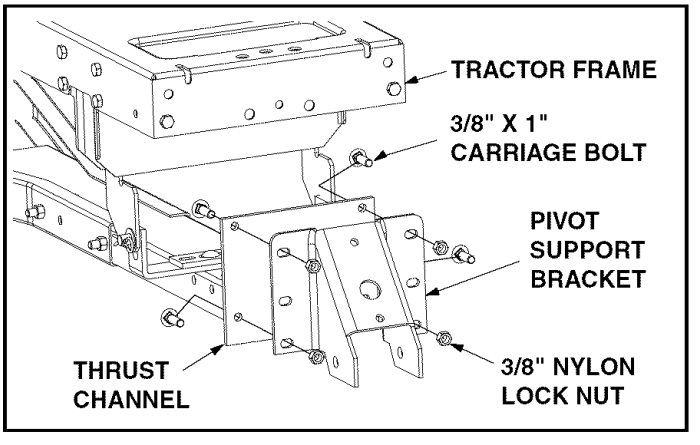


FIGURE 7

- Assemble the two angle lock bars together as shown in figure 8, so that all holes are aligned. Use one 3/8" x 1-1/4" carriage bolt and one 3/8" nylon lock nut. Be sure to insert bolt from side indicated. **Do not tighten at this time.** See figure 8.

- Insert the round hook end of the angle lock spring up through the hole in bracket (A). See figure 8.
- Hold the angle lock bars so that the square holes at the top. Insert the straight hook end of the angle lock spring through the middle hole in both angle lock bars as shown in figure 8.
- Insert the angle lock bars down through the slot in the channel. Underneath the channel, place a 1" long spacer on each side of the angle lock bars and insert a 1/4" x 3-1/4" bolt through the channel, the angle lock bars and the spacers. Secure the bolt with a 1/4" nylon lock nut. **Tighten** so that lock bars can pivot freely. See figure 8.
- At this time **tighten** the 3/8" carriage bolt and nylon lock nut previously assembled to angle lock bars.

NOTE: When the angle lock bars are pulled back in slot, the pivot plate should unlock and be free to pivot to the right or left position.

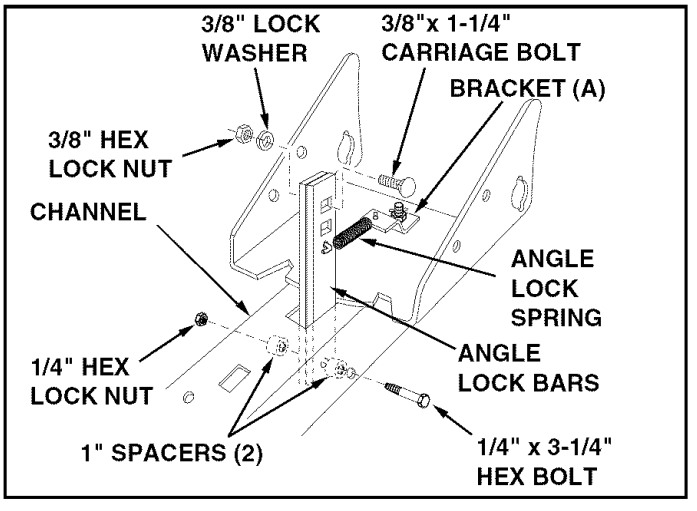


FIGURE 8 **(Right Hand Side View)**

- Using a hammer, assemble a 3/8" palnut onto one end of the spring mount rod. Insert the other end of the spring mount rod through the pivot plate using the rear set of holes. Support the assembled end of the spring mount rod on a block of wood, and hammer the remaining palnut onto the other end of the rod. See figure 9.

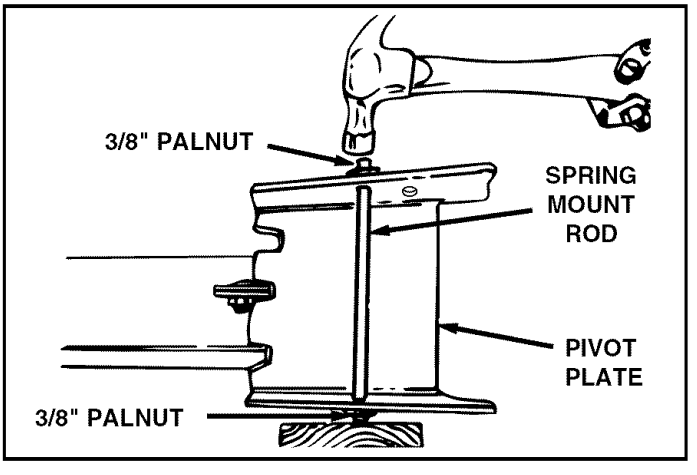


FIGURE 9 **(Top View)**

- Assemble a 3/8" x 1-1/4" carriage bolt through the square hole in the cable mount bracket and through the square hole in the angle lock bars as shown in figure 10. (The carriage bolts should face in opposite directions.) Using pliers hold the cable mount bracket in position, angling down towards the L.H. hole in the channel as shown in figure 10. Secure with a 3/8" lock washer and a 3/8" hex lock nut. **Tighten.** See figure 10. Refer also to figure 12 for the correct angle for the cable mount bracket.

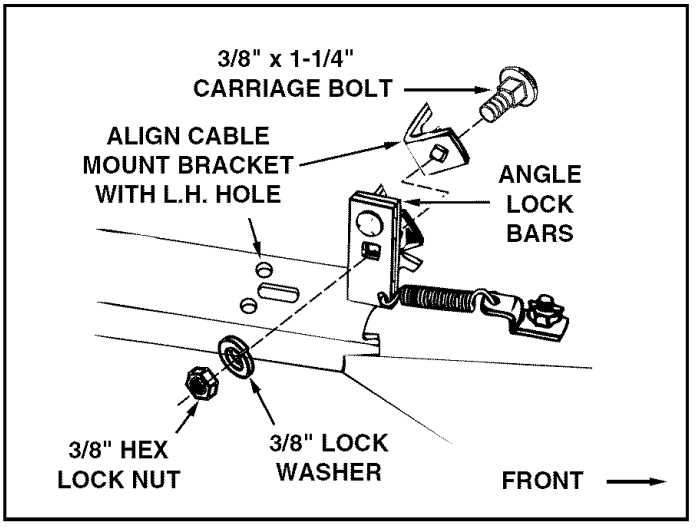


FIGURE 10 **(Right Hand Side View)**

- Assemble one 5/16" jam nut approximately 3/4" onto threaded end of control cable. Assemble threaded cable end through round hole in cable mount bracket as shown in figure 11, and secure with another 5/16" jam nut. **Tighten**. See figure 11.

NOTE: Some adjustment of jam nuts may be required after blade assembly is completed.

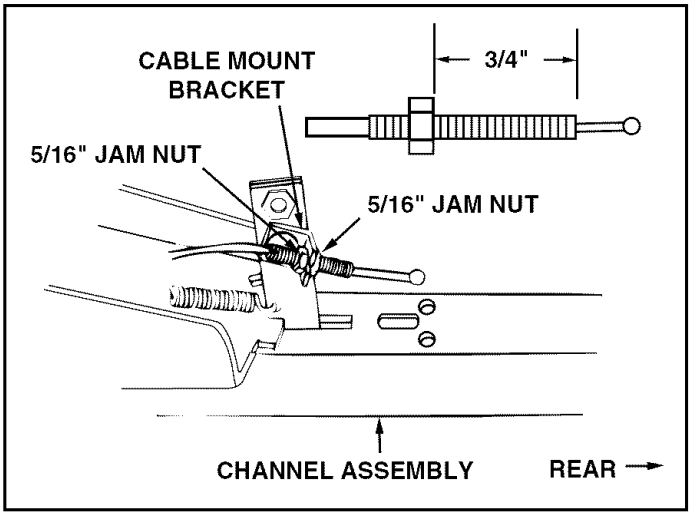


FIGURE 11 **(Left Hand Side View)**

- Assemble ball end of control cable up through hole in cable end fitting and pull until ball slips inside curled edge of fitting as shown in figure 12. If ball won't slip under edge of curl it will need to be inserted through open end of curl. See figure 12.

- Assemble 1/4" x 1-1/4" hex bolt down through the cable end fitting, the 5/8" long spacer and the left hand hole in the channel assembly. Secure with a 1/4" nylon lock nut. See figure 12. **Tighten.**

NOTE: Make sure the cable mount bracket is aligned with the cable end fitting as shown in figure 12 to prevent binding of cable. The other end of the control cable will be attached in a later step.

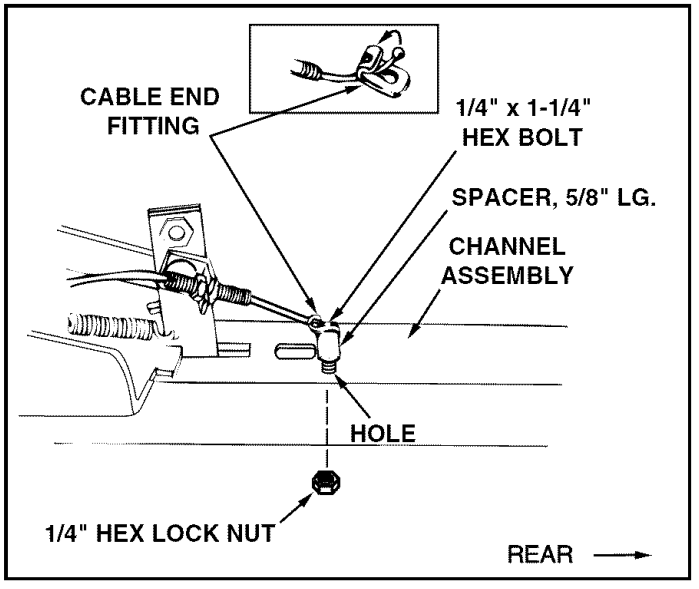


FIGURE 12 **(Left Hand Side View)**

- To attach the blade to the channel assembly, align the notched holes in the pivot plate with the notched holes in the blade. Insert a 1/8" x 1-1/4" cotter pin down through the hole at the bend in the blade pivot shaft. Spread the ends of the pin. From the left side insert the blade pivot shaft, bend facing up, through the notched holes. Secure the shaft with another 1/8" x 1-1/4" cotter pin through the end hole in the shaft. Spread the ends of the pin. See figure 13.

- Remove the plastic cap and one 3/8" hex nut from the bolt in the blade adjust spring. Adjust the remaining 3/8" hex nut down approximately 1" onto the bolt threads. Hook the spring over the spring mount rod as shown in figure 13. Place the bolt up through the hole in the top edge of the blade and reassemble the other 3/8" hex nut and tighten down against the top edge of the blade. Replace the plastic cap over the end of the bolt threads. See figure 13.

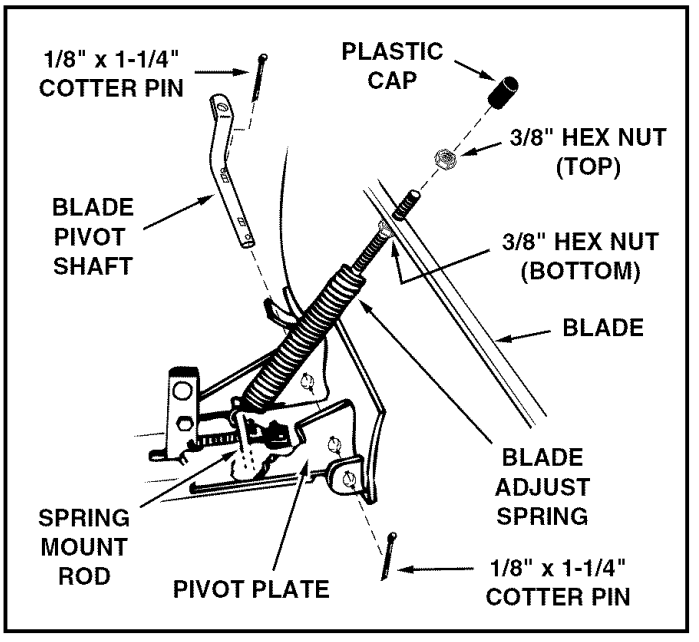


FIGURE 13 **(Right Hand Side View)**

- Assemble the 1/2" washer onto the channel pivot pin. See figure 14.

- Attach the channel assembly to the tractor by placing the end of the channel assembly up inside the pivot support bracket on the tractor. Align the hole in the pivot support bracket with the second hole from the end in the channel assembly. Insert the channel pivot pin through the aligned holes from the left side and secure with a hairpin cotter pushed all the way through to the loop end. See figure 14.

NOTE: All hairpin cotters on this snow blade should be pushed through to their loop end.

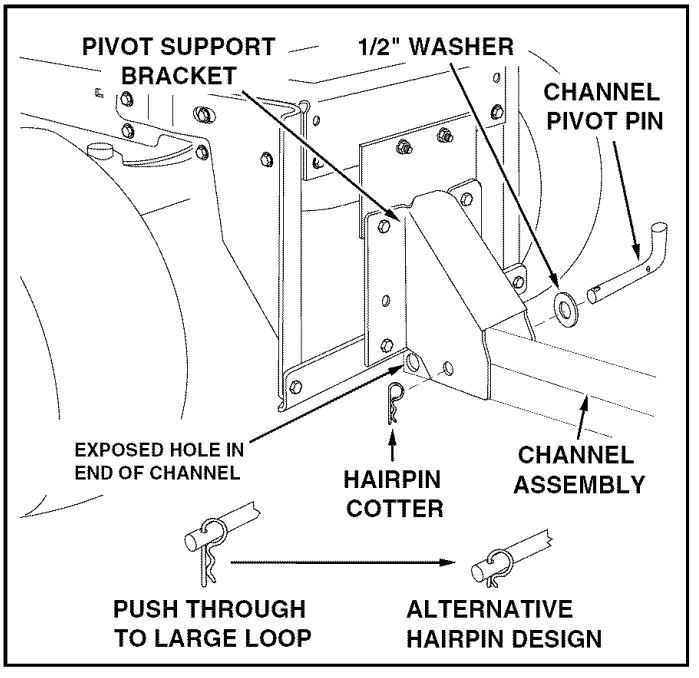


FIGURE 14 **(Right Hand Side View)**

- From the left side, insert the welded end of the lift handle rod through the exposed holes in the end of the channel assembly. Next, insert the lift link pin through the hole in the bracket that is welded to the lift handle rod. (The lift link is pre-assembled to the pivot support bracket). Secure the bracket with a hairpin cotter inserted up through the lift link pin all the way to the loop end of the hair pin cotter. See figure 15.
- Using the furnished grease packet, apply a light coating of grease to the straight upper portion of the lift handle rod. Slide the lift handle tube onto the rod. See figure 15.

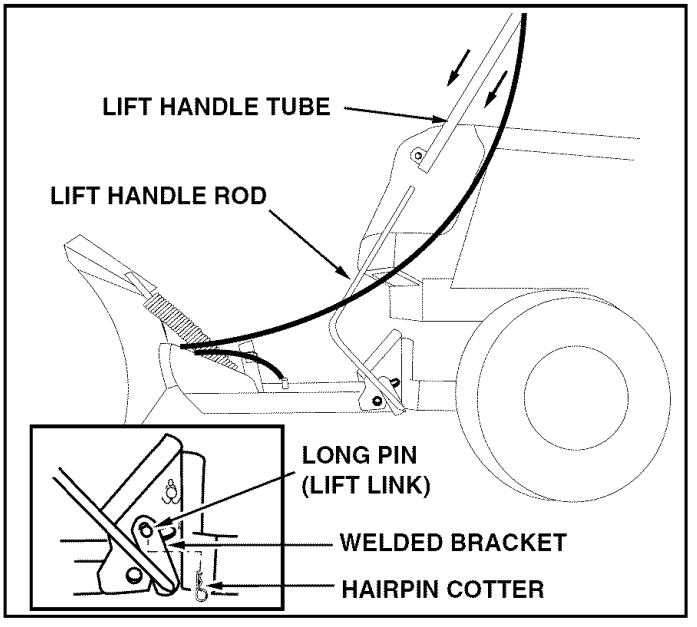


FIGURE 15 **(Left Hand Side View)**

- Screw one 5/16" jam nut approximately 3/4" onto the loose end of the control cable. Pass the cable around the outside of the lift handle rod and insert the threaded cable end through the cable mount bracket on the lift handle tube. Secure the cable with another 5/16" jam nut. **Tighten**. See figure 16.

NOTE: Some adjustment of jam nuts may be required after blade assembly is completed.

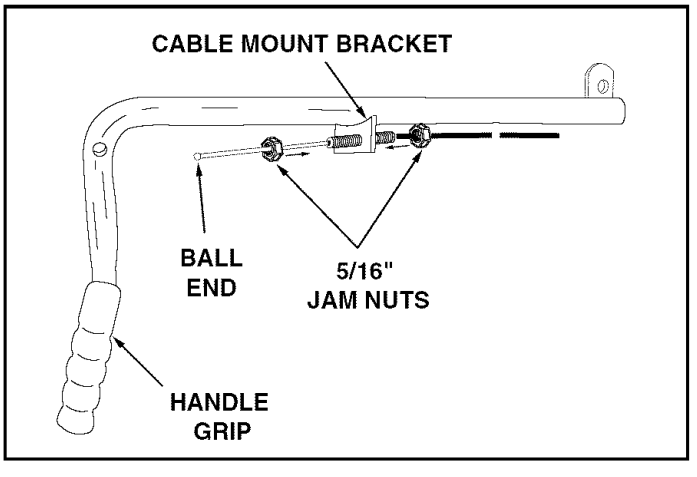


FIGURE 16 **(Right Hand Side View)**

- Assemble the plastic grip onto the lock release grip assembly. See figure 17.
- Attach the lock release grip assembly to the lift handle tube using one 5/16" x 1-1/2" hex bolt and one 5/16" hex lock nut. **Do not overtighten** the nylon lock nut. The grip assembly must pivot freely. See figure 17.
- Assemble the ball end of the cable to a cable end fitting as was done to the other end of the cable. Secure the cable end fitting to the weld bolt on the lock release grip with a 1/4" hex lock nut. **Do not overtighten** the nylon lock nut. The cable fitting must pivot freely. See figure 17.

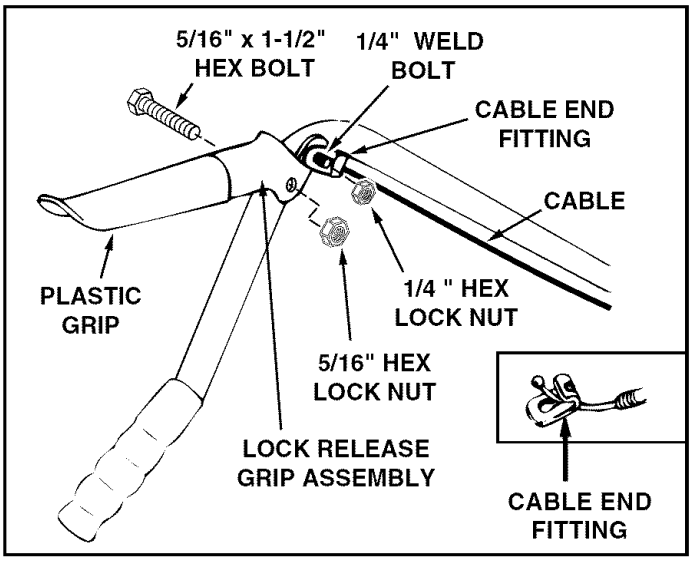


FIGURE 17 **(Right Hand Side View)**

- Place the long end of the blade pivot rod down through the blade pivot shaft. Attach the short end of the blade pivot rod to the lift handle tube. Secure both ends with a hairpin cotter pushed through to its loop end. See figure 18.
- Use the two plastic ties to hold the cable securely to the outside of the handle tube and away from the tractor to avoid direct heat from the tractor muffler. See figure 18.

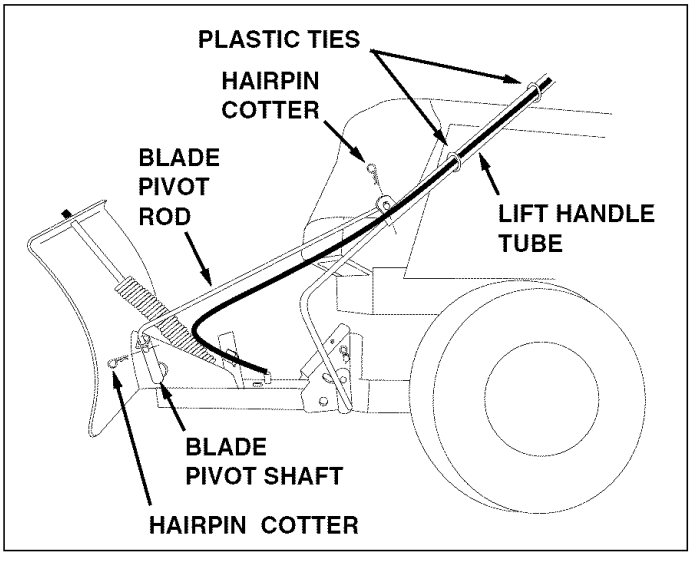
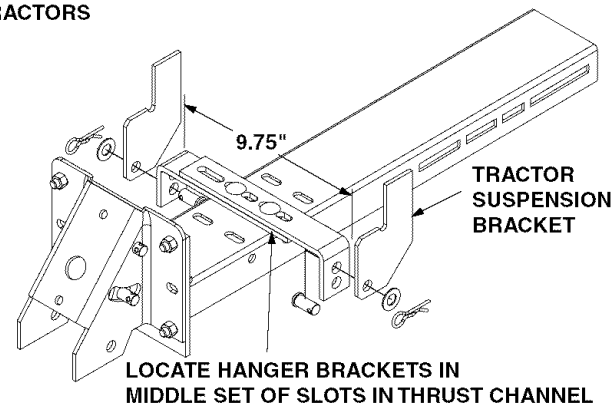


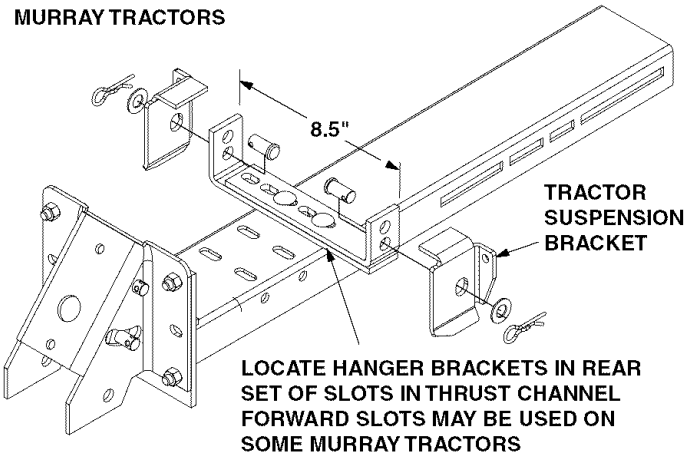
FIGURE 18 **(Left Hand Side View)**

FIT-UPS FOR VARIOUS TRACTORS

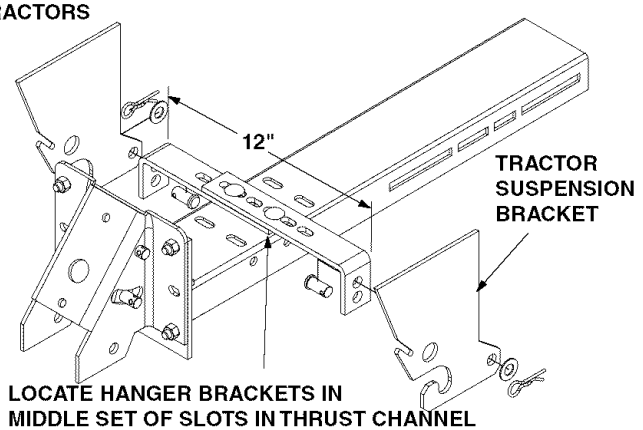
SEARS LAWN TRACTORS



MURRAY TRACTORS



SEARS GARDEN TRACTORS



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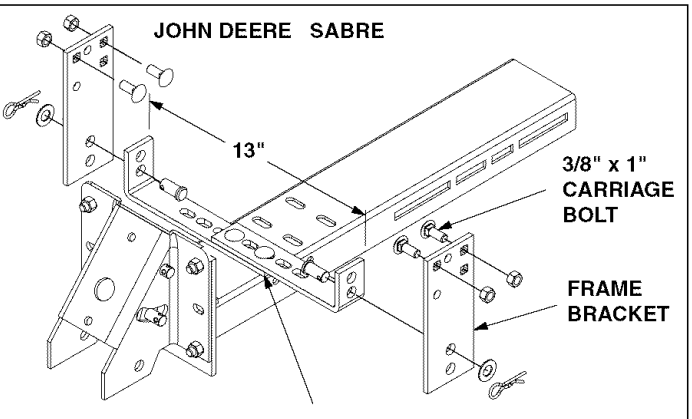
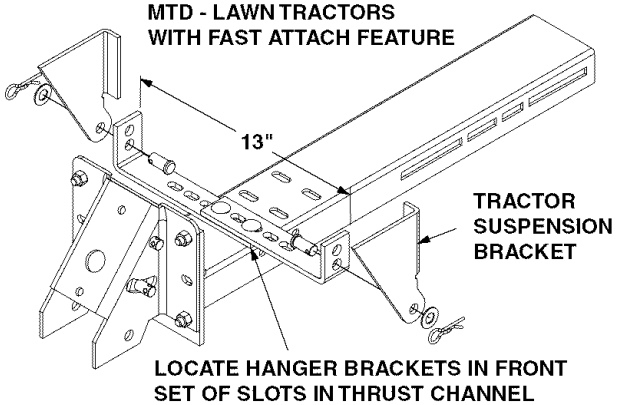


MTD - LAWN TRACTORS WITH FAST ATTACH FEATURE



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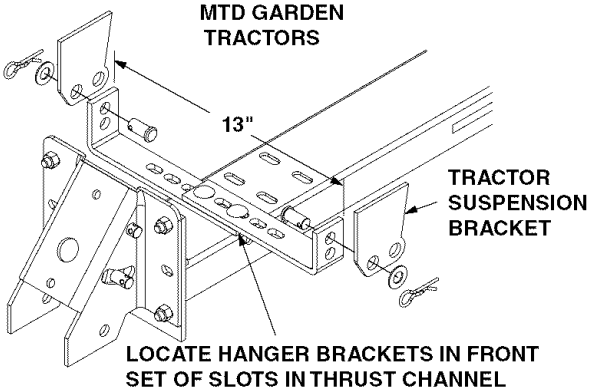
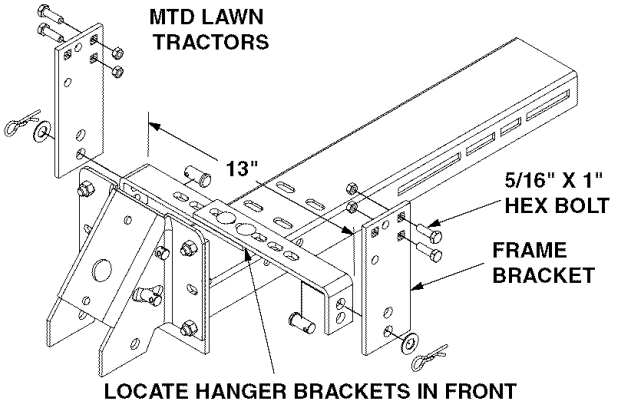
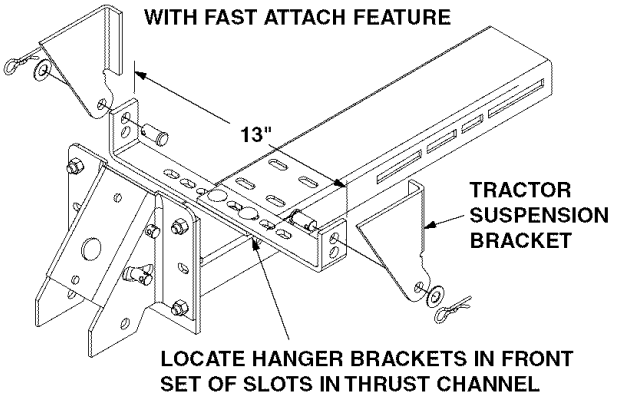


MTD LAWN TRACTORS



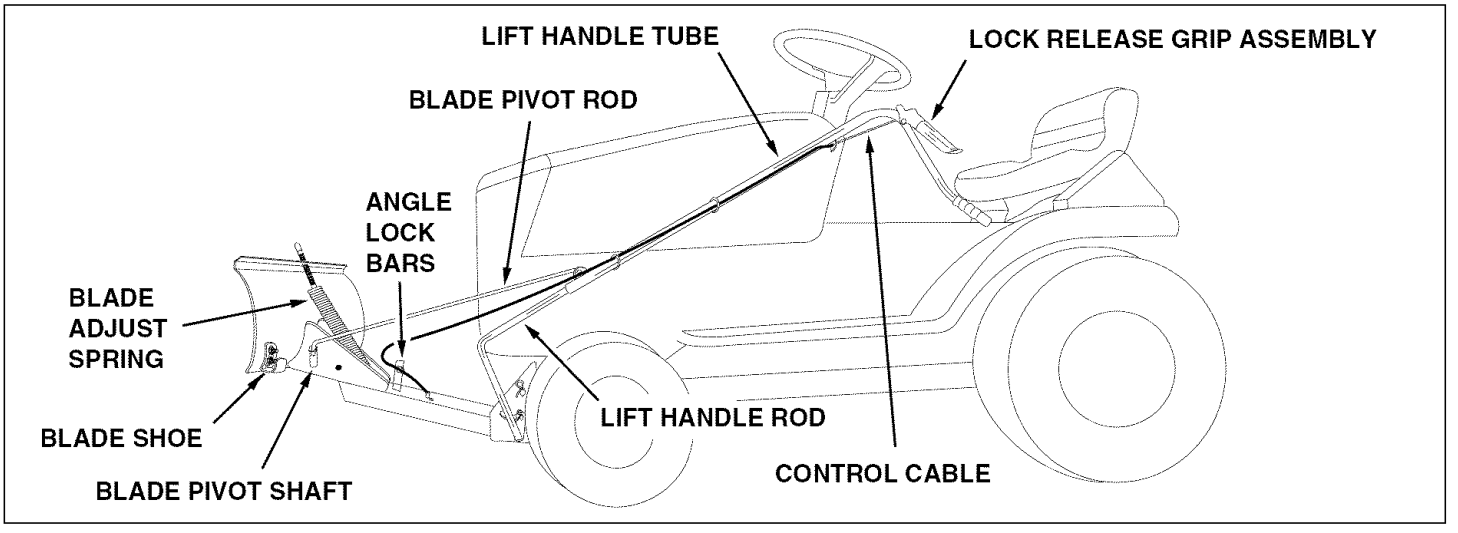
MTD - GARDEN TRACTORS WITH FAST ATTACH FEATURE



OPERATION

KNOW YOUR SNOW BLADE

Read this owner's manual and safety rules before operating your snowblade.
Compare the illustration below with your snow blade to familiarize yourself with the various controls and their locations.



LOCK RELEASE GRIP ASS'Y.	Unlocks the blade to swivel to the right and left.
LIFT HANDLE TUBE	Raises or lowers the blade and pivots blade to the right and left.
BLADE PIVOT ROD	Connects blade to handle tube. Pivots blade to the right and left.
ANGLE LOCK BARS	Locks the blade in either the right hand, left hand or straight ahead position.
BLADE ADJUST SPRING	Holds blade in position but permits it to pivot forward to pass over an obstruction.
BLADE SHOE	Ground-contacting part of blade. Adjusts for adequate ground clearance of blade.
BLADE PIVOT SHAFT	Connects blade to channel assembly. Allows blade to pivot forward.
LIFT HANDLE ROD	Connects lift handle tube to channel assembly. Raises and lowers the blade.
CONTROL CABLE	Connects the lock release lever to the angle lock bars.

HOW TO USE YOUR SNOW BLADE

To Raise or Lower the Snow Blade

- Use the handle grip located on the end of the handle tube. To raise the blade, pull back while pushing down on the handle grip. To lower blade, pull back while lifting up on handle grip. See figure 19.

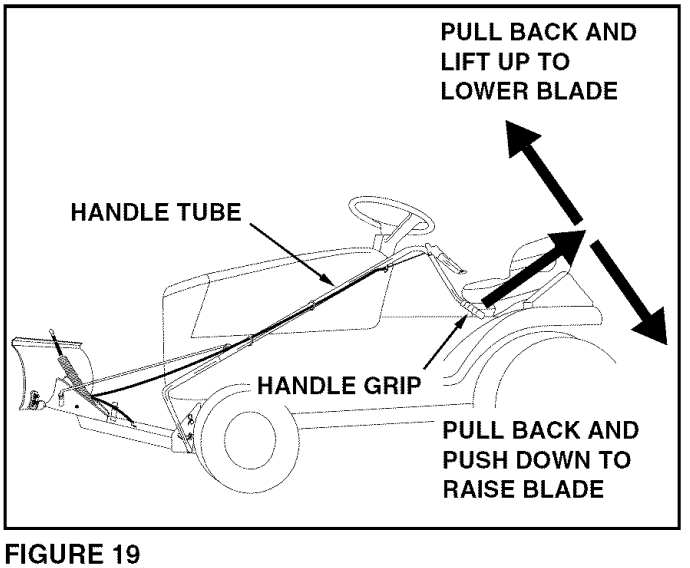


FIGURE 19

To Pivot the Blade

- Raise the blade to transport position. To unlock the blade, push the lock release grip down against the handle tube. To pivot the blade, keep the grip depressed and push forward or pull back on the handle tube, sliding it along the lift rod. Release the grip to lock the blade when it is in either the right hand, the left hand or the straight ahead position. See figure 20.

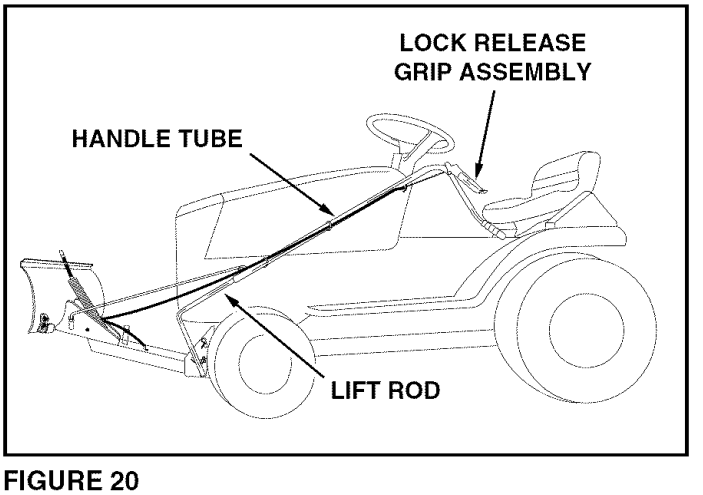


FIGURE 20

Wheel weights and tire chains must be used with your snow blade for traction. These accessories are available at your nearest Sears retail store.

Using the Snowblade

- Prepare the lawn tractor engine for cold weather using instructions furnished with the lawn tractor.
- Always begin with the transmission in first (low) gear and gradually increase speed as required.
- **Do not** repeatedly push snow in the same direction, causing excessive build up with each successive pass.
- To reduce icing on the blade, allow the lawn tractor and blade to adjust to outdoor temperature before operating.
- For improved snow removal performance, coat the blade with automotive type paste wax.

CAUTION: Inspect carefully the area to be worked before operating the snow blade. Avoid pipes, roots, curbs or other heavy obstructions.

CAUTION: Know the terrain. Avoid exceptionally steep slopes or drop offs which may be hidden by the snow. Never run the snow blade into heavy material at high speed.

CAUTION: Always lower the blade to the ground before leaving the tractor.

MAINTENANCE

CUSTOMER RESPONSIBILITIES

- Read and follow the maintenance schedule and the procedures listed in the maintenance section.

MAINTENANCE SCHEDULE Fill in dates as you complete regular service.	Before each use	After each use	Every season	Before storage	Service Dates										
Check for loose fasteners	X														
Check for worn or damaged parts	X														
Clean Blade		X		X											
Lubricate Blade			X												

- During the operating season, check all bolts, nuts and hairpin cotters to be sure they are secure.

Lubrication Points

- Lubricate all pivot points to help maintain proper operation of blade. Use grease packet furnished with the snow blade for lubrication of the upper portion of the lift handle rod. See figure 21.

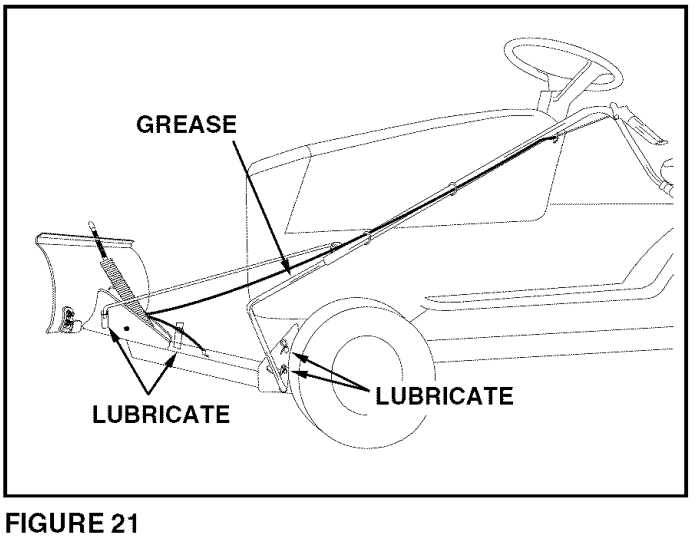


FIGURE 21

SERVICE AND ADJUSTMENTS

To Adjust Blade Spring

- The tension of the blade adjust spring may be altered to permit the blade to tilt forward to bypass solid obstructions. To change the spring tension, adjust the nuts at upper end of the spring bolt. Turn the nuts counterclockwise to relieve tension and clockwise to increase tension. Refer to figure 13 on page 8.

To Adjust Blade Shoes

- The blade shoes at the ends of blade may be raised for close work on smooth surfaces or lowered to raise the blade to work on rough or uneven areas. Make sure both shoes are set evenly and that the nuts are tightened securely. See figure 22.

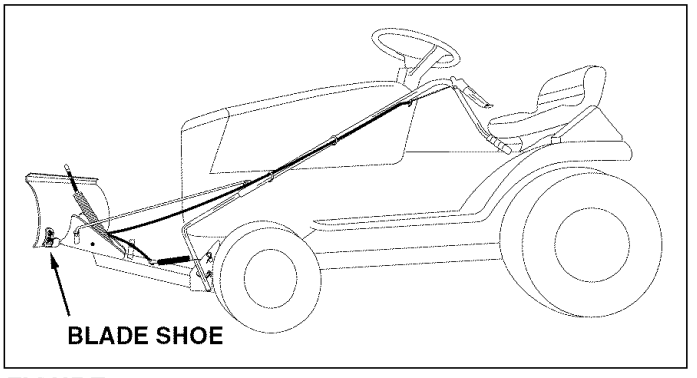


FIGURE 22

To Adjust the Blade Pivot Lock Mechanism

- If the blade will not unlock and pivot, the angle lock bars are not disengaging from the slots in the pivot plate. To correct, adjust the 5/16" hex jam nuts to draw the end of the control cable back towards the cable mount bracket. The less the threaded end of the cable extends through the bracket, the more the angle lock bars can retract to disengage from the slots in the pivot plate. See figure 23.

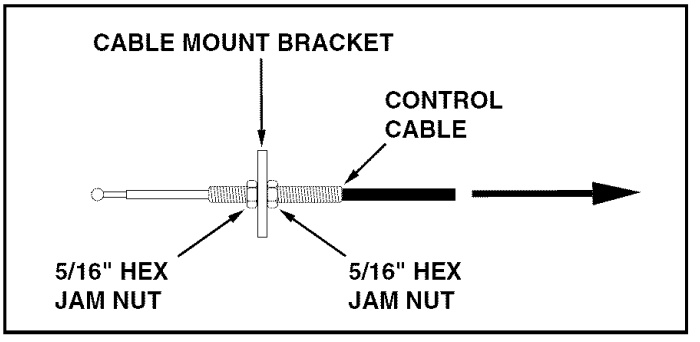


FIGURE 23

STORAGE

Recommendations When Storing

- When the snow blade is not being used, remove all dirt and rust and touch up with paint.
- Touch up bare metal with paint or apply a light coat of grease or rust preventive.
- Lubricate all pivot points and all points shown in figure 21, page 11 in the maintenance section.
- Store in a dry area, protected from weather.

To Remove Blade From Tractor

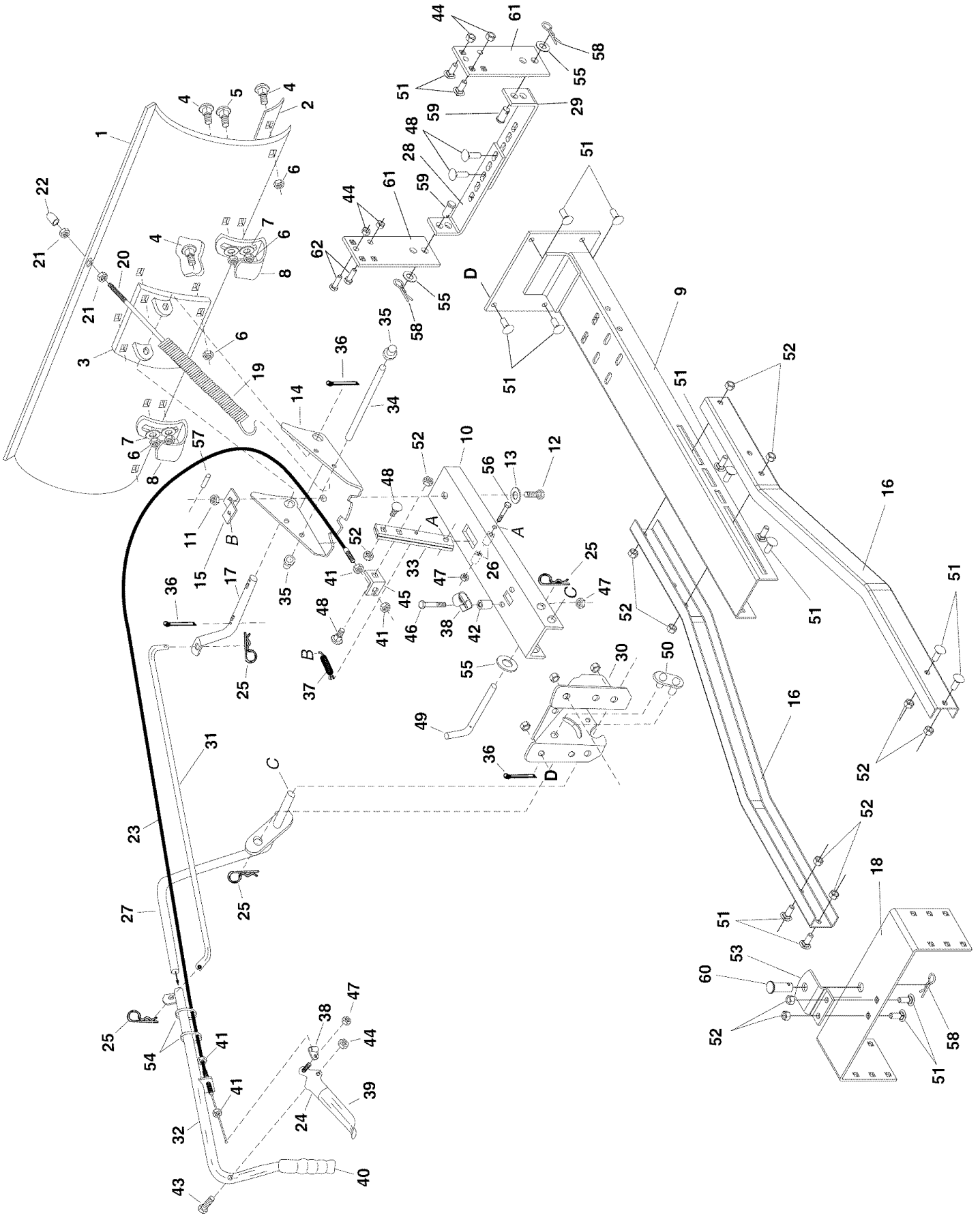
- Lower the blade to the ground with the blade in the center (straight ahead) position.
- Remove the hairpin cotter which fastens the blade pivot rod to the blade pivot shaft. See figure 18 on page 9.
- Remove the hairpin cotter which fastens the lift handle rod to the lift link pin. See figure 15, page 9.
- Remove the hairpin cotter from the channel pivot pin and remove the pivot pin from the channel assembly. See figure 14 on page 8.
- Remove the blade, the channel assembly and the lift handle assembly from the tractor. The brackets assembled to the tractor frame may be left in place.
- To remove the brackets assembled to the tractor frame (hanger brackets, cross tie bracket, pivot plate bracket and pivot support bracket) refer to figures 1,2,3,4,5 and 6 on pages 5 and 6.
- If the hanger brackets are removed from the tractor frame, be sure to reassemble four bolts into the empty holes in the frame. Refer to figures 1 and 3 on page 5.

TROUBLESHOOTING

PROBLEM	CAUSE	CORRECTION
Blade is difficult to raise.	Lift mechanism is binding	Lubricate pivot points as shown in figure 21 on page 11.
Blade is difficult to pivot.	Handle tube is binding on lift rod.	Lubricate lift handle rod as instructed on page 11.
Blade will not unlock to pivot.	Lock mechanism is out of adjustment and is not disengaging.	Refer to the Service and Adjustments section on page 12.

PARTS

REPAIR PARTS LIST FOR MODEL 486.244282 - 48" SNOW BLADE



REPAIR PARTS LIST FOR MODEL 486.244282 - 48" SNOW BLADE

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	23955	1	Blade 48"
2	23956	1	Wear Plate 48"
3	62980	1	Reinforcement Plate Assembly
4	43080	10	Bolt, Carriage 5/16-18 x 3/4"
5	44326	2	Bolt, Carriage 5/16-18 x 1"
6	43064	12	Hex Lock Nut, 5/16-18 Thread
7	43081	4	Washer, 5/16"
8	24690	2	Skid Shoe
9	64732	1	Thrust Channel
10	24347	1	Push Channel
11	43262	1	Hex Lock Nut, 1/2-13 Thread
12	23131	1	Bolt, Special Pivot
13	1540-118	1	Washer, Flat 1/2"
14	23958	1	Plate, Pivot 7 Ga.
15	23130	1	Bracket, Spring Mt.
16	24659	2	Rear Support Channel
17	46066	1	Shaft, Blade Pivot
18	25125	1	Rear Mounting Bracket
19	9466R	1	Spring, Blade Adjust
20	44071	1	Hex Bolt, 3/8-16 x 3-1/2"
21	43015	2	Hex Nut, 3/8-16 Thread
22	44074	1	Plastic Cap
23	746-0366	1	Control Cable Assembly
24	62561	1	Release Grip Assembly
25	43055	4	Pin, Hairpin Small 3/32"
26	46053	2	Spacer, .28 ID x 1"
27	63033	1	Lift Handle Rod Assembly
28	25121	1	Short Hanger Bracket
29	25122	1	Long Hanger Bracket
30	24023	1	Pivot Support Bracket
31	46049	1	Rod, Blade Pivot
32	62972	1	Lift Handle Tube Assembly
33	23151	2	Angle Lock Bar
34	23856	1	Spring Mount Rod
35	44917	2	Palnut, 3/8"
36	43010	3	Cotter Pin 1/8" x 1-1/4"
37	43348	1	Angle Lock Spring
38	746-0260	2	Cable End Fitting
39	731-0869	1	Grip, Plastic
40	46471	1	Handle, Grip
41	712-0256	4	Hex Jam Nut, 5/16-24 Thread
42	23658	1	Spacer
43	43085	1	Hex Bolt, 5/16-18 x 1-1/2"
44	47810	5	Nylon Lock Nut, 5/16-18 Thread
45	05762	1	Cable Mount Bracket
46	1509-90	1	Hex Bolt 1/4-20 x 1-1/4"
47	47189	3	Nylon Lock Nut, 1/4-20 Thread
48	710-0305	4	Carriage Bolt, 3/8-16 x 1-1/4"
49	46065	1	Channel Pivot Pin
50	63034	1	Lift Link Assembly
51	43350	18	Carriage Bolt, 3/8-16 x 1"
52	HA21362	22	Nylon Lock Nut, 3/8-16 Thread
53	HA23380	1	Rear Locating Bracket
54	726-0178	2	Plastic Tie
55	R19171616	3	Washer
56	46071	1	Hex Bolt, 1/4-20 x 3-1/4" Lg. Gr
57	43349	1	1/4" x 1" Spring Pin
58	43343	3	Pin, 3/32" Hairpin (Large)
59	44062	2	Clevis Pin, 1/2" x 1" Lg.
60	711-0225	1	Clevis Pin, 5/8" x 1-3/4" Lg.
61	25124	2	Frame Bracket
62	43063	4	Bolt, Hex 5/16-18 x 1" Lg.
	48930	1	Owners Manual

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