Cub Cadet®

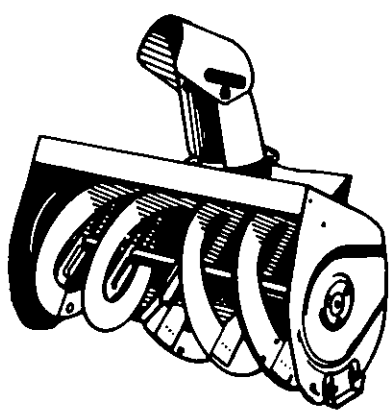
Power Equipment

Owner's Manual

NOTE

Lawn Tractors Models 1015 and 1020: GAS SPRING KIT 759-3266 must be intalled prior to installation of snow thrower attachment.

40"
SNOW THROWER ATTACHMENT



Model Number

350

(190-350-100)

Important:

Read Safety Rules and Instructions Carefully

Thank you for purchasing an American-built product.

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IMPORTANT

Safe Operation Practices for Snow Throwers

TRAINING

1. Read the owner's guide instruction manual carefully. Be thoroughly familiar with the controls and proper use of the equipment. Know how to stop the unit and disengage the controls quickly.
2. Never allow children to operate equipment. Never allow adults to operate equipment without proper instruction.
3. Keep the area of operation clear of all persons, especially small children and pets.
4. Exercise caution to avoid slipping or falling, especially when operating in reverse.

PREPARATION

1. Thoroughly inspect the area where the equipment is to be used and remove all door mats, sleds, boards, wires and other foreign objects.
2. Disengage all clutches and shift into neutral before starting engine or motor.
3. Do not operate equipment without wearing adequate winter outer garments. Wear footwear which will improve footing on slippery surfaces.
4. Handle fuel with care, it is highly flamamble.
   (A) Use approved fuel container.
   (B) Never add fuel to a running engine or hot engine.
   (C) Fill fuel tank outdoors with extreme care. Never fill fuel tank indoors.
   (D) Replace gasoline cap securely and wipe up spilled fuel.
   (E) Open doors if engine is run in the garage-exhaust fumes are dangerous.
5. Adjust collector housing height to clear gravel or crushed rock surface.
6. Never attempt to make any adjustments while engine or motor is running (except where specifically recommended by manufacturer).
7. Never operate the snow thrower without good visibility or light.
8. Let engine and machine adjust to outdoor temperatures before starting to clear snow.

OPERATION

1. Do not put hands or feet near rotating parts. Keep clear of discharge opening at all times.
2. Exercise extreme caution when operating on or crossing a gravel drive, walks, or roads. Stay alert for hidden hazards and traffic. Do not carry passengers.
3. After striking foreign object, stop the engine (motor), remove wire from spark plug, thoroughly inspect the snow thrower for any damage, and repair the damage before restarting and operating the snow thrower.
4. If the unit should start to vibrate abnormally, stop the engine (motor) and check immediately for the cause. Vibration is generally a warning of trouble.
5. Stop engine (motor) whenever you leave the operating position, before unclogging the collector/impeller housing or discharge guide, and making any repairs, adjustments, or inspections.
6. Take all possible precaution when leaving the vehicle unattended, disengage the power take-off, lower the attachment, shift into neutral, set the parking brake, stop the engine, remove the key.
7. When cleaning, repairing, or inspecting make certain collector/impeller, and all moving parts have stopped. Disconnect spark plug wire and keep wire away from plug to prevent accidental starting. Disconnect cord on electric motors.
8. Do not run engine indoors, exhaust fumes are dangerous.
9. Do not clear snow across the face of slopes. Exercise extreme caution when changing direction on slopes. Do not attempt to clear steep slopes.
10. Never operate snow thrower without guards, plates, or other safety protective devices in place.
11. Never operate snow thrower near glass enclosure, automobiles, window wells, drop-offs, etc., without proper adjustment of snow discharge angle. Keep children and pets away.
12. Do not overload machine capacity by attempting to clear snow at too fast a rate.
13. Never operate machine at high transport speeds on slippery surfaces. Use care when backing.
14. Never direct discharge at bystanders or allow anyone in front of unit.
15. Disengage power to collector/impeller when transporting or not in use.
16. Only use attachments and accessories approved by manufacturer of snow thrower (such as wheel weights, counter weights, cabs, etc.).

MAINTENANCE AND STORAGE

1. Check shear bolts, engine mounting bolts, etc. at frequent intervals for proper tightness to be sure equipment is in safe working condition.
2. Never store machine with fuel in the fuel tank inside a building where open flame or spark is present. Allow engine to cool before storing in any enclosure.
3. Always refer to owner's guide instructions for important details if snow thrower is to be stored for an extended period.
4. Run machine a few minutes after throwing snow to prevent freeze up of collector/impeller.

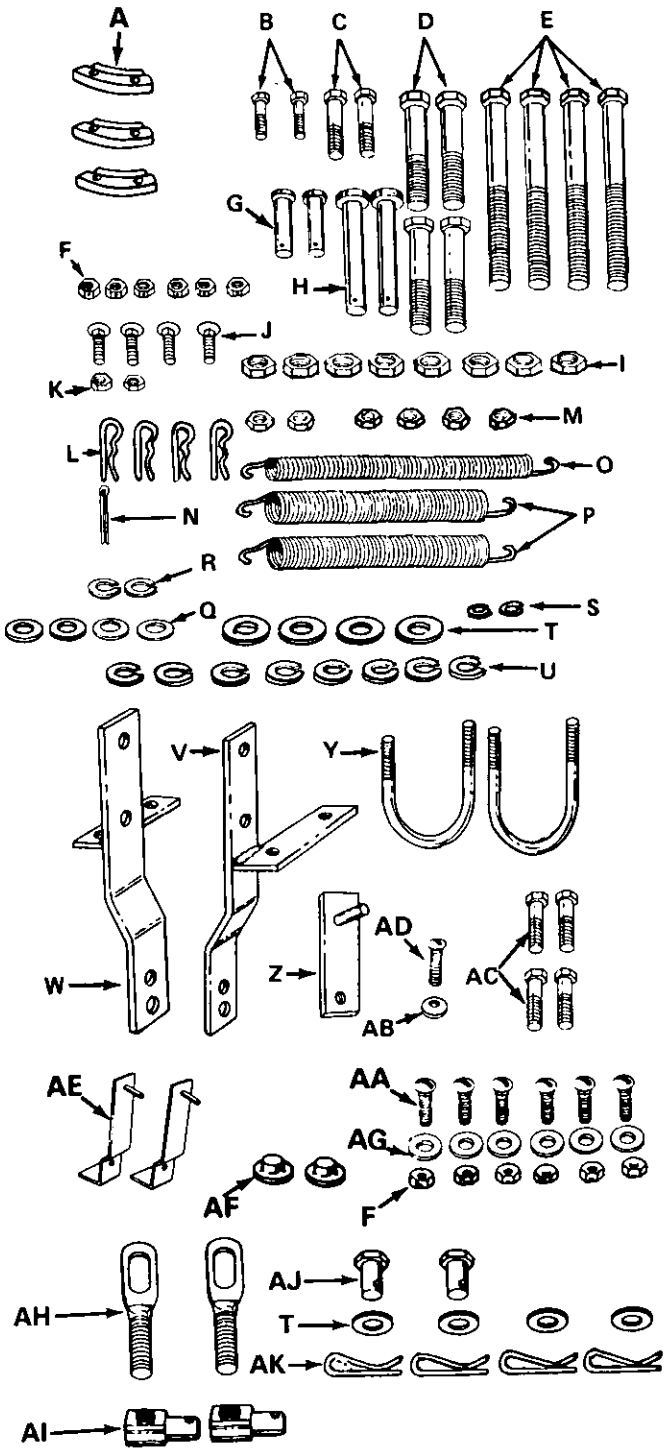

FIGURE 1

ASSEMBLY INSTRUCTIONS

This owner's manual covers the assembly of the snow thrower attachment to various models of lawn tractors. Not all hardware will be used on all units. Follow only those instructions which pertain to your unit.

CONTENTS OF HARDWARE PACK:

(See figure 1)

A	(3)	Chute Flange Keepers
B	(2)	Hex Bolts 1/4-28 x 1-1/4" Long
C	(2)	Hex Bolts 5/16-18 x 1-1/2" Long
D	(4)	Hex Bolts 1/2-13 x 2-3/4"
E	(4)	Hex Bolts 1/2-13 x 4" Long
F	(6)	Hex Lock Nuts 1/4-20 Thread
G	(2)	Lift Bracket Pins
H	(2)	Clevis Pins 1/2" Dia. x 2-1/4" Long
I	(8)	Hex Nuts 1/2-13 Thread
J	(4)	Carriage Bolts 5/16-18 x 5/8" Long
K	(2)	Hex Nuts 1/4-28 Thread
L	(4)	Hairpin Clips
M	(6)	Hex Nuts 5/16-18 Thread
N	(1)	Cotter Pin 1" Long
O	(1)	Extension Spring 4-3/4" Long
P	(2)	Extension Springs 1" O.D. x 5" Long
Q	(4)	Belleville Washers 5/16" I.D. x 7/8" O.D.
R	(2)	Lock Washers 5/16" I.D.
S	(2)	Lock Washers 1/4" I.D.
T	(8)	Flat Washers 1/2" I.D. x 1" O.D.
U	(8)	Lock Washers 1/2" I.D.
V	(1)	Hanger Plate Assembly - R.H.
W	(1)	Hanger Plate Assembly - L.H.
Y	(2)	U-Bolts
Z	(1)	Lift Handle Stop Bracket
AA	(6)	Truss Machine Screw 1/4-20 x 3/4" Long
AB	(1)	Belleville Washer 1/4" I.D. x 3/4" O.D.
AC	(4)	Hex Bolt 3/8-16 x 1-1/4" Long
AD	(1)	Truss Machine Screw 1/4-20 x 5/8" Long
AE	(2)	Helper Spring Brackets
AF	(2)	Push Caps
AG	(6)	Flat Washers 1/4" I.D.
AH	(2)	Adjustment Links
AI	(2)	Ferrules
AJ	(2)	Lift Bracket Pins
AK	(4)	Hairpin Clips

LOOSE PARTS IN CARTON:

(1) Chute Assembly
(2) Front Support Tubing Assemblies (R.H. & L.H.)
(2) Rear Support Tubes
(1) Jackshaft Support Bracket Subassembly
(1) V-Belt
(1) Guide Plate
(1) Chute Crank Rod and Support Tubing
(1) Snow Thrower Housing

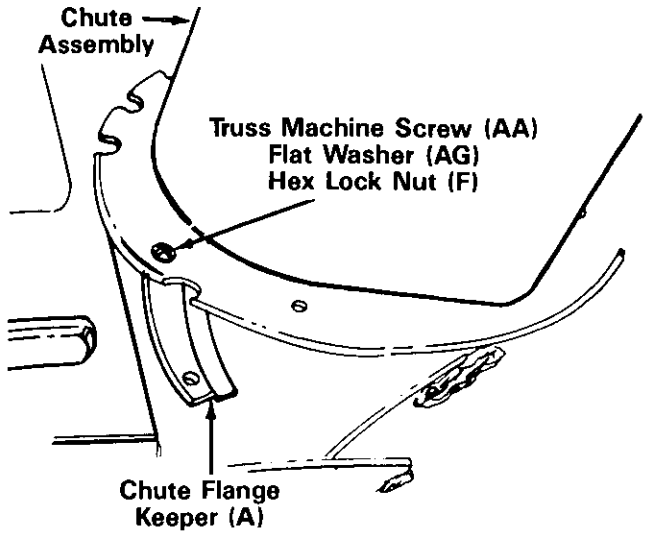

FIGURE 2

1. Grease the chute opening on the snow thrower using a multi-purpose automotive grease or equivalent.
2. Place chute assembly over chute opening, with the opening in the chute assembly facing the front of the unit. Place chute flange keepers (A) beneath lip of chute assembly. Secure with truss machine screws (AA), flat washers (AG) and hex lock nuts (F) as shown in figure 2. Tighten with a 7/16" wrench, then back off 1/4 turn to allow easier movement.

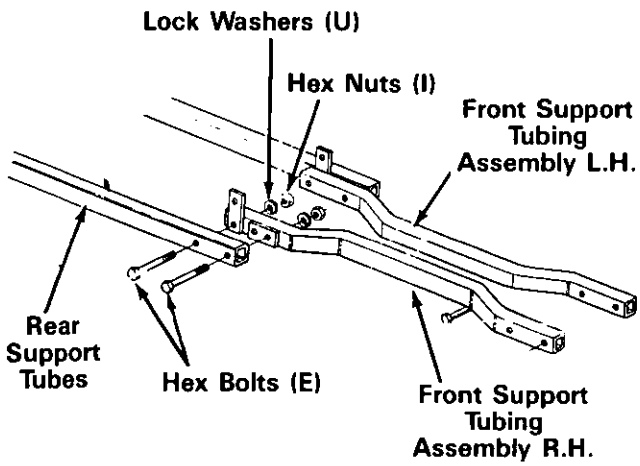

FIGURE 3

3. Preassemble the front support tubing assembly and the rear support tubes as follows.
   A. Place the front support tubing assembly on work bench or the floor. Place the rear support tubes in position as shown in figure 3.
   B. Place hex bolts (E) through holes in side of rear support tubes and front support tubing assembly. See figure 3.
   C. Secure hex bolts (E) with lock washers (U) and hex nuts (I). Tighten securely. See figure 3.

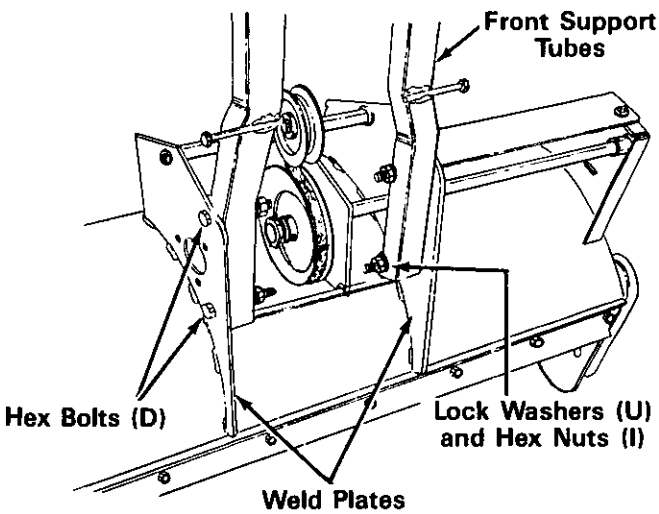

FIGURE 4

4. Assemble the preassembled front support tubes to the snow thrower housing. Place the front support tube against weld plates on housing. Assemble to the inside of weld plate. Secure with hex bolts (D), lock washers (U) and hex nuts (I). See figure 4. An adjustable wrench and a 3/4" wrench are required. **Tighten securely.**

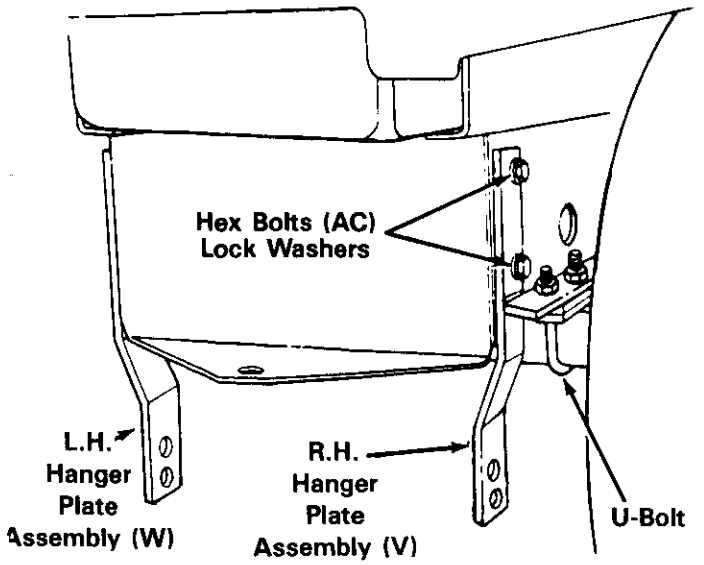

FIGURE 5

5. Attach the hanger plate assemblies to the rear of the tractor. Working on the right side of the unit, proceed as follows.

A. Remove the nuts and washers which hold the transmission to the frame support bracket. On hydrostatic units, remove the U-bolt. Retain the hardware for reassembly.

NOTE

Hydrostatic units with serial numbers 126,000 and below only: Discard the U-bolt removed in step A. Use new U-bolt (Y) provided with snow thrower when reassembling in step "C".

B. Attach the right hanger plate assembly (V) as shown in figure 5 by removing the hex bolts and lock washers. Discard the hex bolts removed. Place hanger plate assembly in position, and secure with lock washers just removed and hex bolts (AC). Do not tighten at this time.

NOTE: The bend in the hanger plate assembly must be to the inside as shown.

C. **Hydrostatic units:** Insert U-bolt up through frame support and hanger plate assembly. Secure with hardware removed in step "A" above.

All other units: Secure hanger plate assembly to frame support with hardware removed in step "A" above.

D. Attach left hand hanger plate assembly (W) to left side of tractor in same manner.

E. Pull back on the bottom of the hanger plates to align. Then tighten all bolts securely.

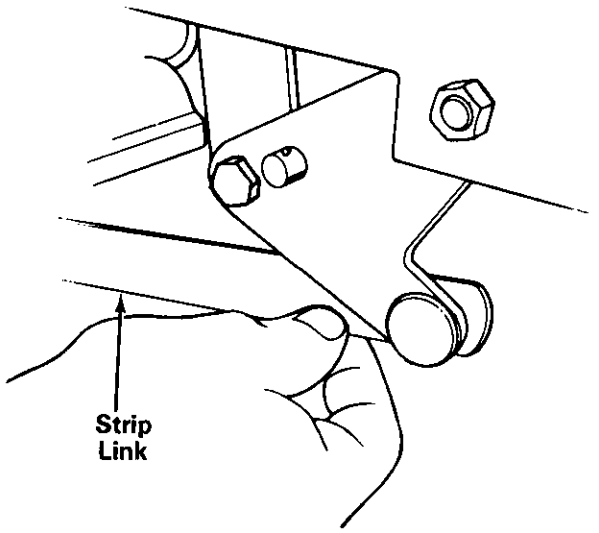

FIGURE 6

6. **Units with serial numbers 126,001 and above:** Remove the strip links from each side of the unit as shown in figure 6. Retain the strip links and hardware in a safe place for reassembly when snow thrower is removed.

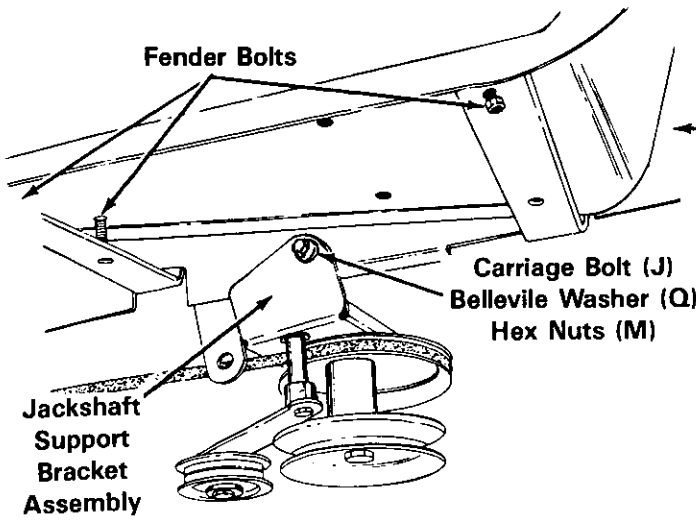

FIGURE 7

7. Attach the jackshaft support bracket assembly as follows.

A. **All units except models 1015 and 1020:** On the left hand side of tractor, loosen the three fender bolts and lift up on fender. See figure 7.

B. Place the jackshaft support bracket assembly in position over the square hole on side of frame. Secure with one carriage bolt (J), belleville washer (Q) and hex nut (M). See figure 7.

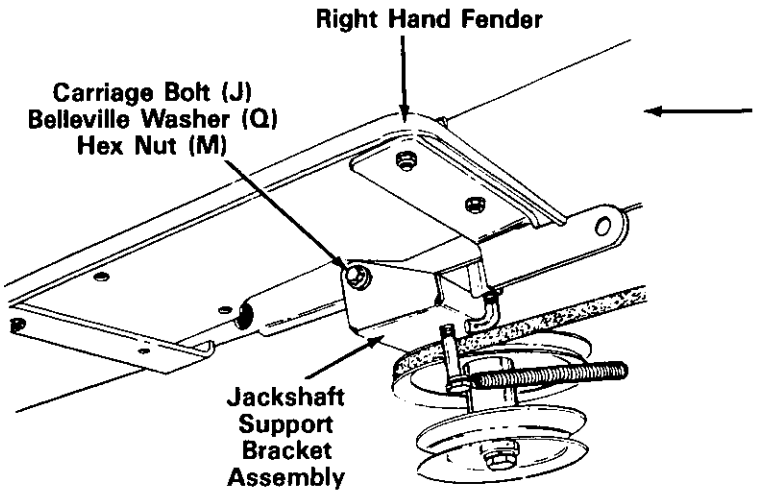

FIGURE 8

C. Secure the jackshaft support bracket assembly on the right hand side of tractor, using carriage bolt (J), belleville washer (Q) and hex nut (M). See figure 8.

NOTE

After jackshaft support bracket has been secured tightly, go back and tighten the three bolts and nuts on the left hand fender (if applicable).

D. **Electric P.T.O. Models:** Route the top drive belt over the electric clutch on front of the tractor, and to the inside of the tractor idler.
Manual P.T.O. Models (1015 and 1020): Route belt around front engine pulley and to the inside of the P.T.O. idler.

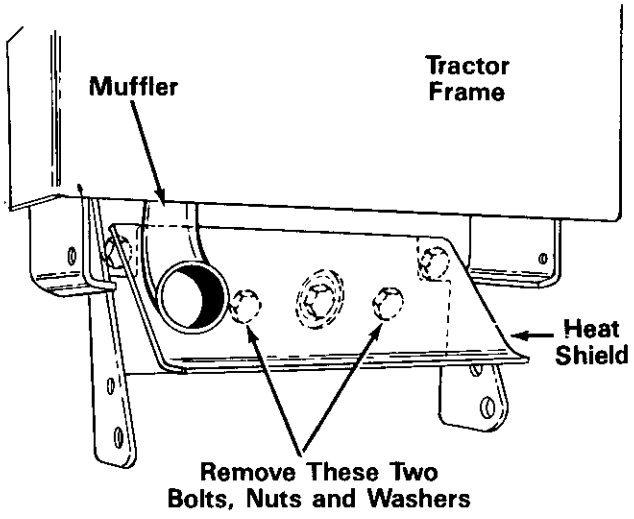

FIGURE 9

8. Remove the heat shield on the tractor by removing two bolts, nuts and washers from heat shield and front of tractor frame as shown in figure 9 (if unit is so equipped).

IMPORTANT

Heat shield must be reassembled to the tractor when the snow thrower is removed, to protect your lawn when mowing. Keep heat shield and hardware in a safe place.

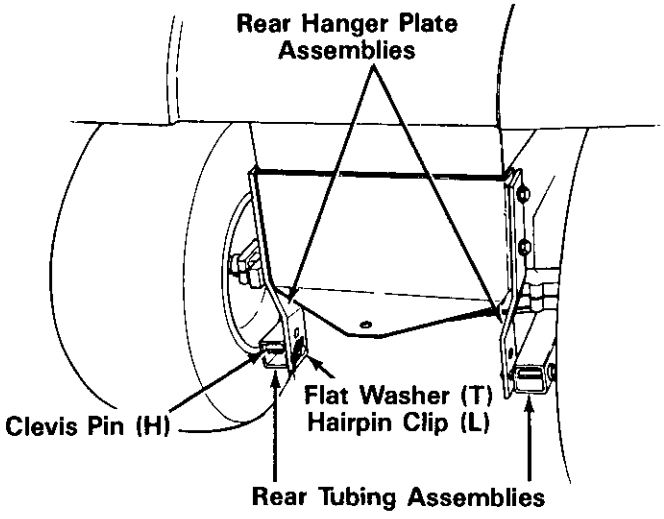

FIGURE 10

9. Place the snow thrower attachment in front of tractor. Roll the tractor by hand into position over the tubing assemblies.
10. Attach the rear tubing assemblies to the bottom hole in the rear hanger plate assemblies. Secure with clevis pins (H), flat washers (T) and hairpin clips (L). See figure 10.
11. Lower the lift control lever on tractor to lowest setting.

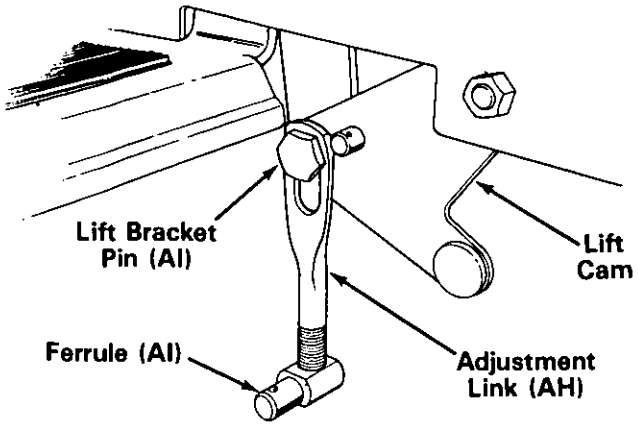

FIGURE 11

12. **Units with serial numbers 126,001 and above:** Attach adjustment links (AH) as follows. See figure 11.
    A. Remove the cotter pin, flat washer and lift bracket pin which secure the lift cam to the lift link on each side of the tractor. Save these parts for use when snow thrower attachment is removed.
    B. Attach the adjustment link (AH) to the outside of the lift cam and lift link on each side of the unit, using new lift bracket pin (AI), flat washer (T) and hairpin clip (AK).
    C. Thread one ferrule (AI) onto each adjustment link so the ferrule is flush with the end of the adjustment link.

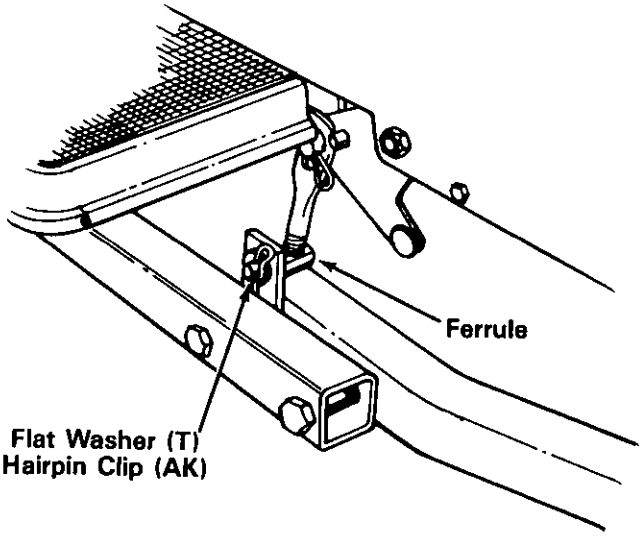

FIGURE 12

13. **Units with serial numbers 126,001 and above:** Attach the ferrules on the adjustment links to the tubing assemblies on snow thrower, using flat washers (T) and hairpin clips (AK). See figure 12.

RIGHT HAND SIDE OF TRACTOR

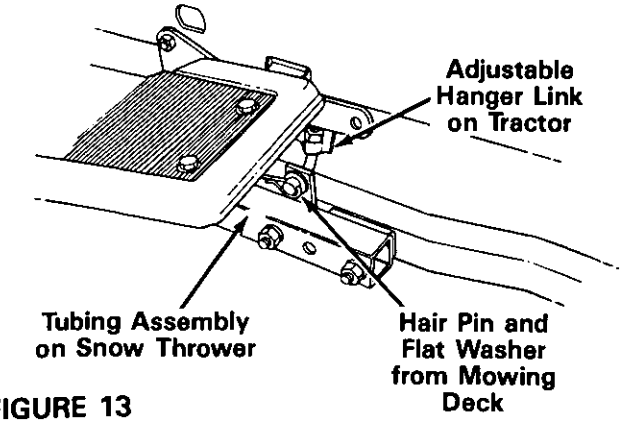

FIGURE 13

14. **Units with serial numbers 126,000 and below:**
    A. Secure the hanger bracket on the left hand side of tractor to the tubing assembly on snow thrower, using the clevis pin, flat wash and hairpin clip (which came with the mowing deck). See figure 14.
    B. Secure the adjustable hanger link on the right hand side of tractor to the tubing assembly on snow thrower, using flat washer and hairpin clip (which came with the mowing deck). See figures 13 and 14.

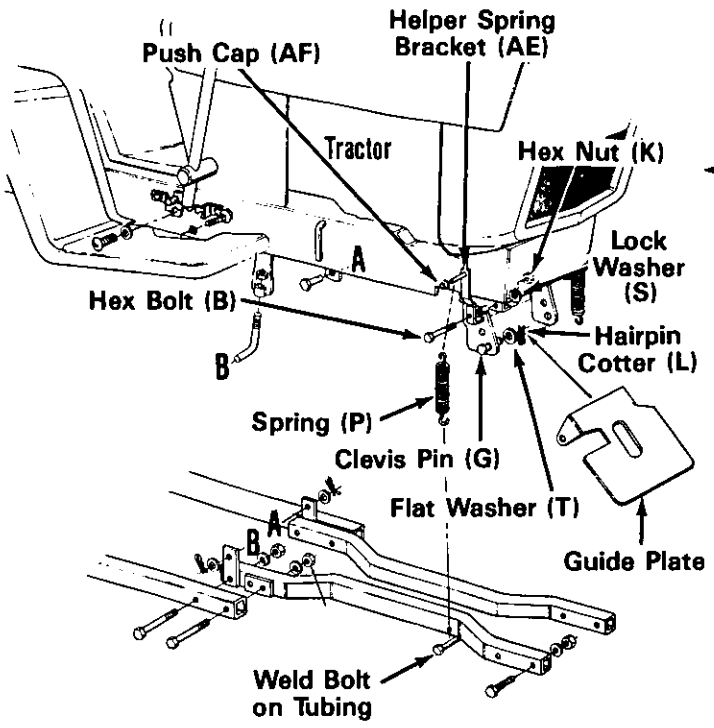

FIGURE 14

15. Assemble the helper spring brackets (AE) as follows.
    a. Place push cap on weld bolt on helper spring bracket and tap on with hammer.
    b. Place hex bolt (B) through hole in helper spring bracket as shown in figure 14.
    c. Secure to tractor with lock washer (S) and hex nut (K). Tighten securely.
    d. Assemble the other bracket in the same manner.
16. Hook one end of extension springs (P) over weld pins on helper spring brackets. Hook the other end over weld bolts on tubing assemblies. See figure 14.

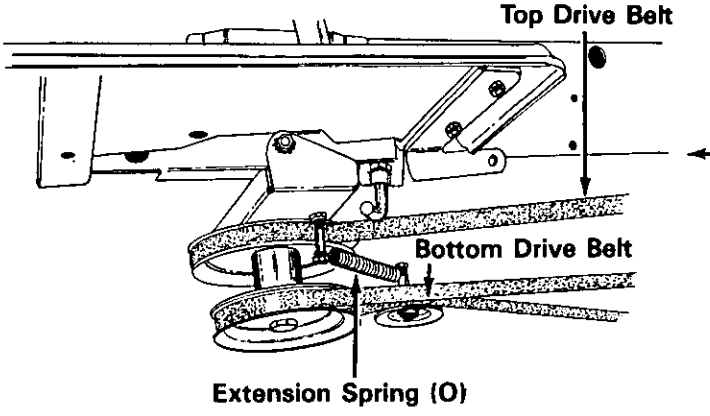

FIGURE 15

17. Attach one end of extension spring (O) to the hex bolt which secures the idler pulley to the bracket. See figure 15.
18. Place new belt around front pulley. See figure 16.
19. Remove the front idler pulley. Twist belt 90° as shown. Feed belt onto rear pulley.

NOTE

Belt must be assembled as shown in figure 16. Top of belt goes over rear pulley and then twist belt to the right. The bottom of the belt goes to the left. If the belt is assembled incorrectly, the auger will run in reverse.

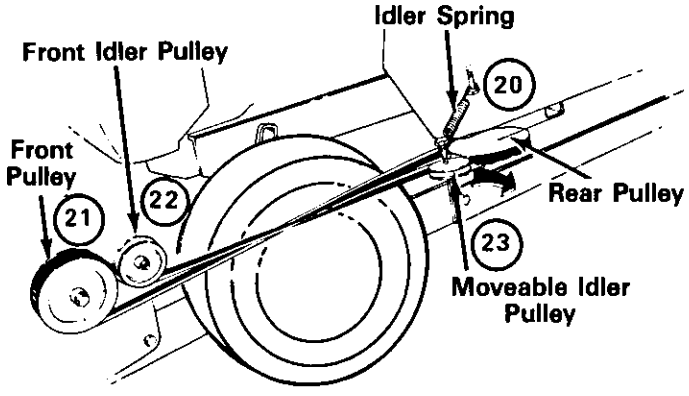

FIGURE 16

20. Reassemble front idler pulley, placing belt under front idler pulley.
21. Assemble the guide plate to the front of tractor using clevis pins (G), flat washers (T) and hairpin cotters (L). See figure 14.
22. Pull moveable idler pulley to the outside position and place belt in pulley. Assemble idler spring to the hex bolt on jackshaft support bracket. See figures 15 and 16.

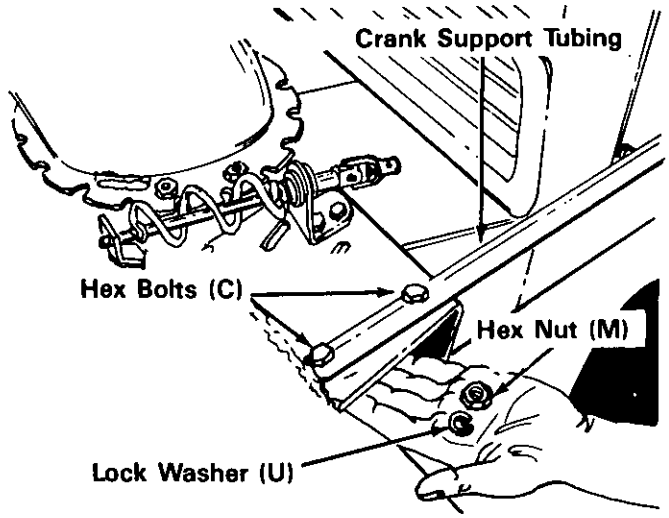

FIGURE 17

23. Assemble the crank support tubing to the snow thrower housing, using the inner hole in the housing as shown in figure 18. Secure in place with two hex bolts (C), lock washers (U) and hex nuts (M). See figure 17. An adjustable wrench and 1/2" wrench are required.

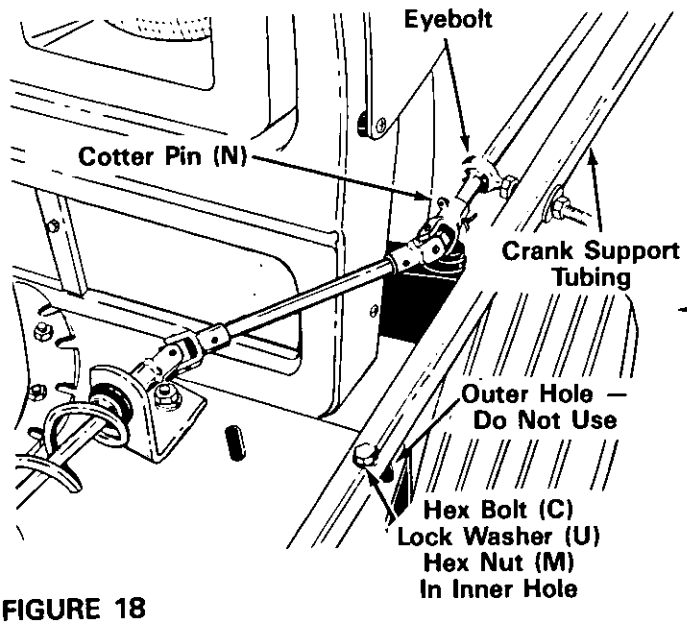

FIGURE 18

24. Slip the end of chute crank rod through the grommet in eyebolt and into the universal joint. Secure with cotter pin (N). See figure 18.

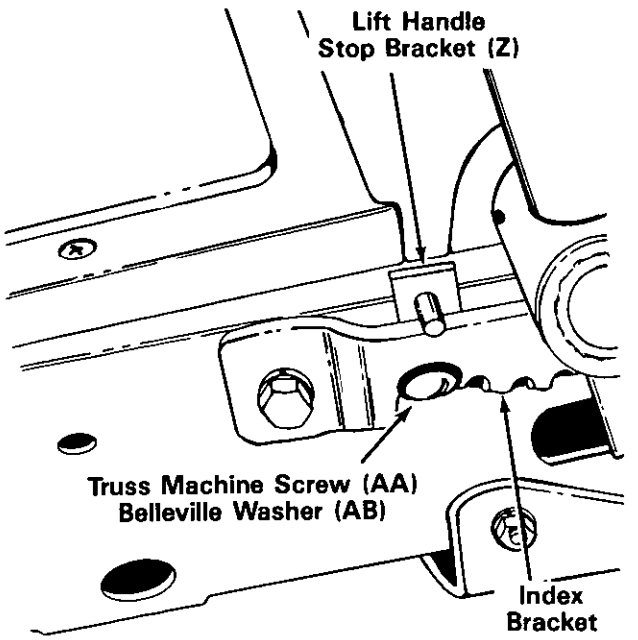

FIGURE 19

25. **Units with serial numbers 109,000 and below:** Attach the lift handle stop bracket (Z) to the index bracket on the tractor as shown in figure 19, using belleville washer (AB) (cupped side against the index bracket) and truss machine screw (AA).

NOTE

Loosen the hex bolts which secure the index bracket if necessary in order to slide the lift handle stop bracket behind it. Be certain to retighten the hex bolts.

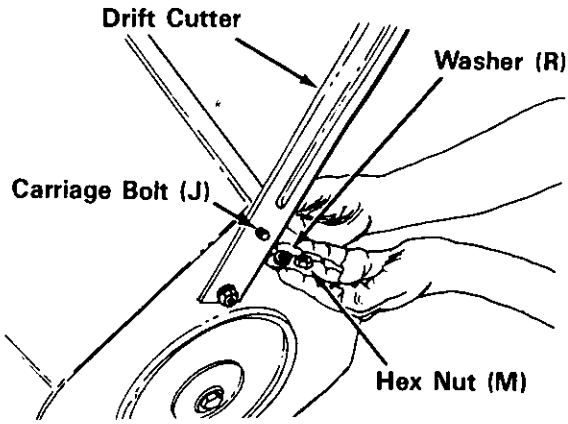

FIGURE 20

26. Using a 1/2" wrench, remove the carriage bolts, lock washers and hex nuts holding the drift cutters to the snow thrower housing. Turn and place the drift cutters in position. Secure with the carriage bolts (J) (heads of bolts are to the inside of the housing), lock washers (R) and hex nuts (M). See figure 20.
27. Adjust skid shoes to desired position and tighten hex nuts. See adjustment section.
28. Check tire pressure. It may be necessary to put more air into the front tires due to the weight of the snow thrower.
29. **Units with serial numbers 126,000 and below:** Level the snow thrower by adjusting the linkage as instructed in the tractor owner's manual. **Units with serial numbers 126,001 and above:** Level the snow thrower by adjusting the ferrules on the adjustment links as needed so the snow thrower is level as it is lifted.

CONTROLS

The thrower controls are conveniently located at the operator's position on the tractor.

LIFT CONTROL LEVER

The lift control lever which is used to raise and lower the snow thrower is located on the right hand side of tractor. To raise the snow thrower, depress the button on the lift control lever, pull back on the lever and release the button. To lower snow thrower, depress the button on the lever, push the lift control lever forward slowly until snow thrower reaches ground level and release the button.

NOTE

The snow thrower can be lifted off the ground approximately 4 inches. Do not attempt to force the lift lever to raise the snow thrower further.

DISCHARGE CHUTE CONTROL CRANK

The discharge chute control crank is located on the left hand side of the snow thrower. The chute crank controls the direction in which snow is thrown. The discharge radius is 180° degrees. Turn crank to the right to direct snow to the right hand side. Turn to the left to direct snow to left hand side.

P.T.O. CONTROL

Electric P.T.O. Models: The P.T.O. switch is located on the left side of the instrument panel.
Manual P.T.O. Models: The P.T.O. lever is located on the left side of the pedestal.

The spirals are engaged by placing the P.T.O. control in the ON or ENGAGED position. Refer to the lawn tractor owner's manual for proper activation instructions. Place the P.T.O. control in the OFF or DISENGAGED position to stop the snow throwing action.

OPERATION

The snow thrower is capable of handling heavy snow conditions. If given the opportunity to function within reasonable requirements, it should give many years of service. Become fully familiar with all aspects of both the tractor and snow thrower prior to its usage. **Do Not** remove any guards or covers while operating tractor and thrower.

BEFORE PLACING SNOW THROWER INTO OPERATION

1. Check **all** nuts and bolts for correct tightness. Be sure that all parts are properly assembled.
2. Test **all** controls for smooth operation.
   A. Discharge chute control crank
   B. Lift control lever

   NOTE

   Start engine and engage PTO switch. If spirals run in reverse, belt is assembled incorrectly. Refer to step number 18 through 20 of assembly instructions.
3. Check the tractor and thrower to make certain both are in good operating condition.
4. Fill gas tank out-of-doors. Avoid spilling gasoline over engine. **Do not** fill tank while engine is running. Wipe up any spilled gas.

OPERATING SPEED

Start tractor engine and run at full throttle. The spiral speed is directly related to engine speed. For maximum snow removal and discharge, maintain high engine R.P.M. (full throttle). The tractor's forward speed is controlled by selecting one of the forward speeds. It is advisable to operate the tractor at a slow ground speed (1st gear) for safe and efficient snow removal. Slowly engage (push forward) the lift handle.

SNOW CONDITIONS

Snow removal conditions vary greatly from light fluffy snowfall to wet heavy snow. Therefore, operating instructions must be flexible to fit onditions encountered. The operator must adapt the ractor snow thrower to depth of snow, wind direction, temperature and surface conditions.

DEEP OR DRIFTED SNOW

In deep, drifted or banked snow, it will be necessary to use full throttle and first speed. Drive the spiral into the snow, disengage tractor drive clutch and allow spiral to clear the snow. Repeat this method until a path is cleared. On the second pass, overlap the first enough to allow the spiral to handle the snow without repeated clutching and declutching of the tractor.

In extremely deep snow, raise thrower from the ground and drive tractor ahead in the deep snow to remove top layers first. **Do not** drive tractor into snow bank where snow has not been removed to ground level. Disengage tractor clutch and allow thrower to clear the snow. Reverse tractor and lower thrower to ground. Drive tractor ahead and repeat process to remove balance of snow. Working with repeated passes into and out of drifts will eventually move even the deepest of snow piles.

CAUTION

If snow thrower becomes plugged with snow or jammed due to hitting a foreign object, disengage snow thrower immediately and stop tractor engine. Clear snow from chute if plugged before resuming operation.

NOTE

If spiral is jammed or bent from hitting a foreign object, stop tractor engine. Remove spark plug wire from spark plug and then remove foreign object from spiral. If spiral damage is noted, repair prior to continuing operation. Then replace spark plug wire and resume operation.

OPERATING TIPS

1. Whenever possible, discharge snow down wind.
2. **Do not** Attempt to remove ice or hard packed frozen snow.
3. Always overlap each pass slightly to assure complete snow removal.
4. A frozen or stuck spiral or chute must be broken loose or thawed with care. When attempting to loosen frozen or jammed spiral, shut off tractor engine and remove spark plug wire. Never attempt to clear snow thrower at any time with tractor engine running.

NOTE

When snow thrower and tractor are not in use, lower snow thrower to the ground to prevent excess weight on front tires.

USE OF TIRE CHAINS

Tire chains should always be used when extra traction is needed. They add maneuvertability in handling snow removal jobs.

ADJUSTMENTS

WARNING

When making any adjustments, turn tractor engine off.

SKID SHOE ADJUSTMENT

The skid shoes are mounted on each side of spiral housing. These regulate the distance the shave plate is raised above the plowing surface. When removing snow from a gravel driveway or an uneven surface, it is advisable to keep shave plate as high above the surface as possible to prevent possible damage to spiral.

On blacktop or concrete surface, keep shave plate as close to the surface as possible. Skid shoes can be adjusted so that shave plate will rest directly on the surface. Turning skid shoes around or inverting them will allow even wear on skid shoes.

Raise snow thrower off the ground and place a block at each end of shave plate. Loosen 4 hex nuts securing skid shoes to spiral housing (2 nuts on each side). Move skid shoes up or down to desired position and tighten nuts securely. Adjust both skid shoes to the same height to keep spiral level. See figure 21.

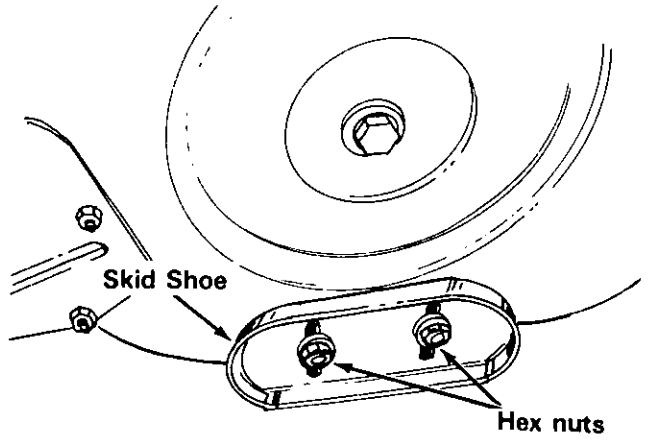

FIGURE 21

CHUTE DEFLECTOR ADJUSTMENT

The upper chute deflector mounting on the top of the chute determines the distance snow is thrown. Moving top of deflector down decreases distance of throw and raising deflector increases distance of throw. Operator must get off tractor to make this adjustment. Disengage spirals and turn engine off before making this adjustment.

To adjust, loosen hand knob on the side of chute deflector and pivot to desired position. Retighten hand knob. See figure 22.

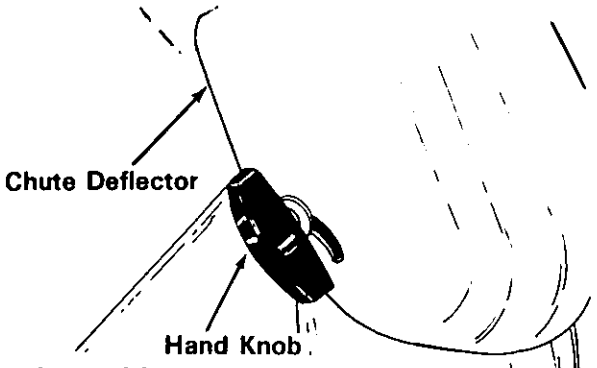

FIGURE 22

SPIRAL DRIVE CHAIN ADJUSTMENT

Excessive slack in spiral drive chain due to normal chain stretch can be removed by adjusting spiral housing nuts.

To adjust spiral chain:

1. Disengage snow thrower and loosen the adjusting nut 2 or 3 complete turns. See figure 23.
2. Move adjusting nut down as needed.

NOTE

Do not overtighten chain. A correctly adjusted chain will have a slight amount of slack. An overtightened chain will result in early failure of chain.

3. Tighten adjusting nut to secure chain adjustment. Check chain clearance. It must clear chain guard assembly. Test chain and repeat adjustment if necessary until all excess slack is removed.

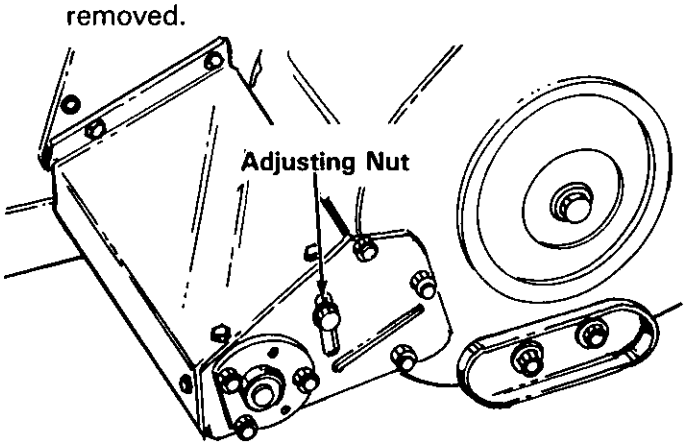

FIGURE 23

LUBRICATION

1. Spiral drive chain: Lubricate chain every 40 hours with No. 30 oil. It is important that oil reaches inside each roller. Wipe off excess c from chain. See figure 24.

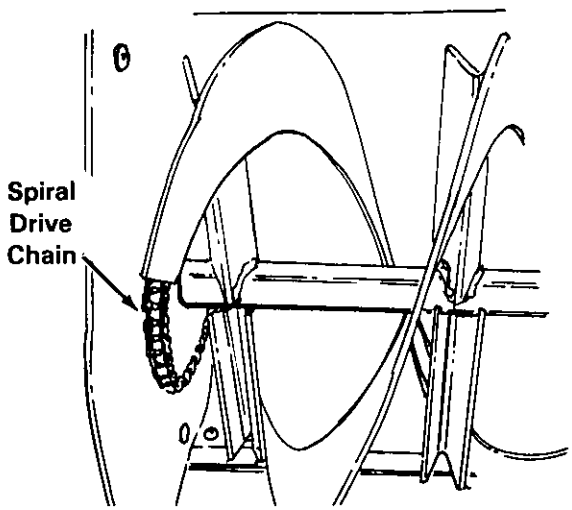

FIGURE 24

2. Pivot and friction points: To maintain smooth and free operation, apply a few drops of No. 30 oil as required to all pivot and friction points.

The spiral and idler pulley bearings are self-lubricating. However, periodic lubrication with No. 30 oil will lengthen service life.

MAINTENANCE

SHAVE PLATE AND SKID SHOES

The shave plate and skid shoes on the bottom of the snow thrower are subject to wear. They should be checked periodically and replaced when necessary. Skid shoes and shave plate are reversible for longer life. The skid shoes may also be inverted to extend their life even further.

Replace shave plate and skid shoes before wear is excessive. Failure to do so will result in damage to the spiral housing.

OFF-SEASON STORAGE

At the end of the snow season, the following steps are recommended:

1. Remove snow thrower assembly from tractor.
2. Wash off any salt deposit which may have dried on the thrower and housing. Paint or cover exposed metal with a light coat of oil.
3. Follow lubrication recommendations. Thrower drive chain must be oiled thoroughly to prevei rust from forming. The preferred method is tc remove the chain and soak in oil for several hours before reinstalling.
4. Store thrower in a dry place.

NOTES

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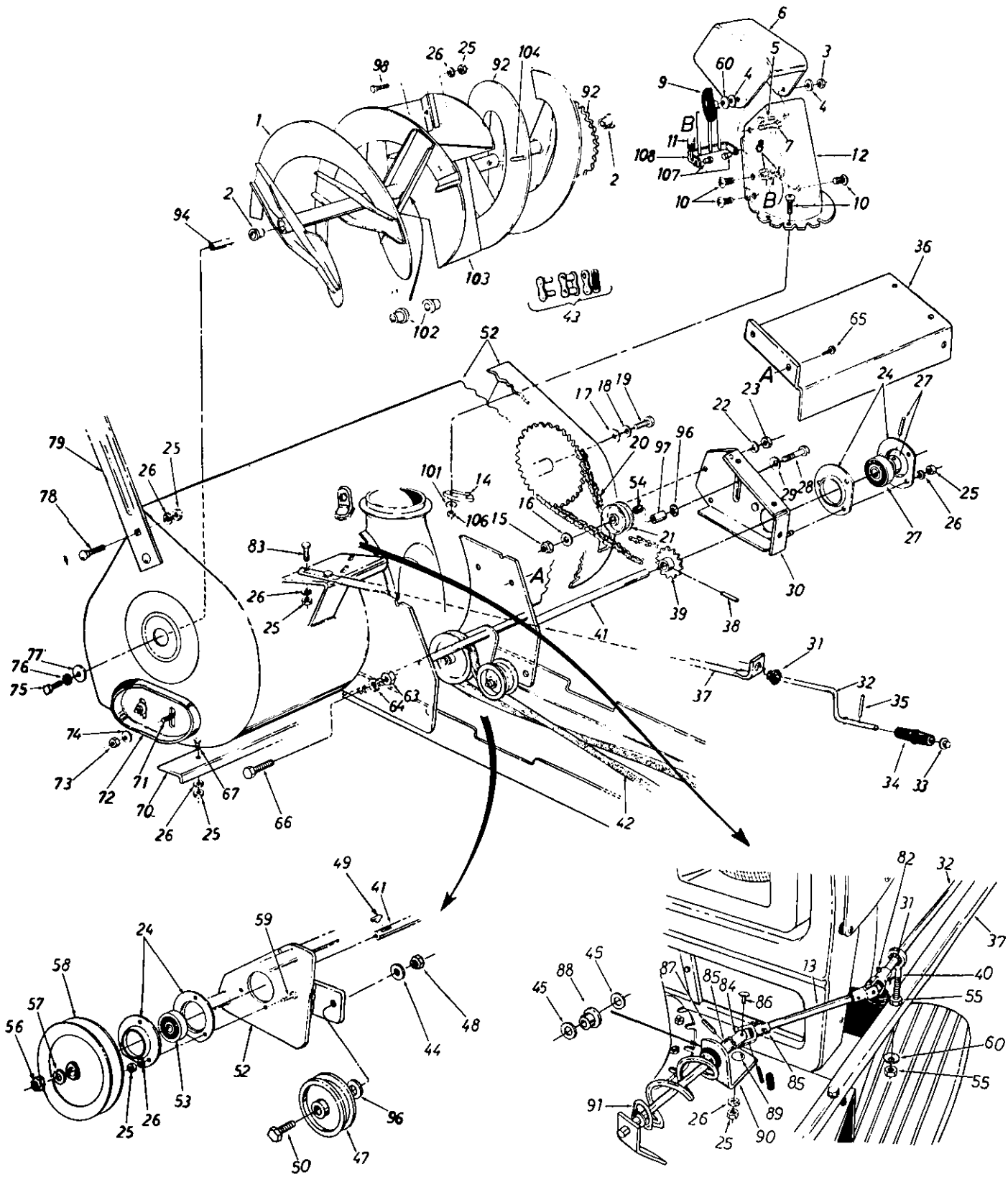
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Model 350

PARTS LIST FOR MODEL 350 40" SNOW THROWER ATTACHMENT

Ref. No.	PART NO.	DESCRIPTION	New Part
1	784-5221	Spiral Ass'y. (L.H.)	
2	741-0227	Flange Bearing	
3	712-0158	Hex Cent. L.-Nut 5/16-18 Thd.	
4	736-0231	Fl.-Wash. .344" I.D.	
5	710-0323	Truss Mach. Scr. 5/16-18 x .75" Lg.	
6	731-0846	Upper Chute	
7	710-0276	Carriage Bolt 5/16-18 x 1.0" Lg.*	
8	712-0291	Hex L-Nut 1/4-20 Thd.	
9	09966	Hand Knob	
10	710-0255	Truss Mach. Scr. 1/4-20 x .75" Lg.	
11	732-0118	Ext. Spring	
12	731-0843	Lower Chute	N
13	747-0523	Chute Crank Extension Rod	
14	731-0851	Chute Flange Keeper	
15	712-0375	L.-Nut 3/8-16 Thd.	
16	736-0300	Fl.-Wash.	
17	736-0179	Fl.-Wash.	
18	736-0253	Belleville Wash.	
19	710-0493	Hex Bolt 1/2-13 x 1.00" Lg.*	
20	713-0189	#420 Chain 1/2" Pitch x 77 Links	
21	756-0358	Plastic Idler 2.00" O.D.	
22	736-0329	L.-Wash. 1/4" I.D.*	
23	712-0287	Hex Nut 1/4-20 Thd.*	
24	741-0311	Bearing Housing	
25	712-0267	Hex Nut 5/16-18 Thd.*	
26	736-0119	L.-Wash. 5/16" I.D.*	
27	741-0310	Self-Aligning Bearing	
28	710-0347	Hex Bolt 3/8-16 x 1.75" Lg.*	
29	736-0105	Belleville Wash. 3/8" I.D.	
30	05721	Chain Guard Ass'y.	
31	741-0475	Nylon Bushing	
32	747-0438	Chute Crank .375 Dia. x 34.5" Lg.	
33	726-0100	Push Nut 3/8" Rod	
34	720-0201	Knob (Black)	
35	715-0138	Roll Pin	
36	784-5092	Drive Shaft Cover	
37	749-0675	Crank Support Tubing	
38	715-0118	Spring Pin Spiral 5/16" Dia. x 1.75" Lg.	
39	713-0188	14 Teeth Sprocket Ass'y.	
40	747-0481	Eyebolt 5/16-18 x 3.0" Lg.	
41	784-5078	Drive Shaft	
42	754-0330	"V" Belt	
43	713-0154	Master Link for #420 Chain	
44	736-0169	L.-Wash. 3/8" I.D.*	
45	736-0140	Fl.-Wash. .385 I.D. x .62" O.D.	
47	756-0417	Fl.-Idler with Flanges	
48	712-0342	Hex Jam L.-Nut 3/8-16 Thd.	
49	714-0388	#61 Hi-Pro Key 3/16 x 5/8" Dia.	
50	710-0347	Hex Bolt 3/8-16 x 1.75" Lg.*	
52	784-5081	Spiral Housing Ass'y.	
53	741-0309	Self-Aligning Bearing	
54	741-0322	Sleeve Bearing .50" I.D.	
55	712-0267	Hex Nut 5/16-18 Thd.*	
56	712-0301	Hex Nut 3/4-10 Thd.	
57	736-0367	L.-Wash. 3/4" I.D.	
58	756-0456	"V"-Pulley .750" I.D. x 6.00" O.D.	
59	710-0198	Hex Sems Bolt 5/16-18 x .75" Lg.*	
60	736-0242	Bell-Wash. .345" I.D. x .88" O.D.	
63	712-0206	Hex Nut 1/2-13 Thd.*	
64	736-0921	L.-Wash. 1/2" I.D.*	
65	710-0599	Hex Wash. Hd. Tap Scr. 1/4-20 x .50" Lg.	
66	710-0490	Hex Bolt 1/2-13 x 2.75" Lg.*	
67	710-0451	Carriage Bolt 5/16-18 x .75"*	
70	05723	Shave Plate	
71	710-0790	Carriage Bolt 3/8-16 x .62" Lg.*	
72	784-5038	Skid Shoe	
73	712-0342	Hex Jam Nut 3/8-16 Thd.	
74	736-0105	Belleville Wash. 3/8" I.D.	
75	710-0493	Hex Bolt 1/2-13 x 1.00" Lg.*	
76	736-0253	Belleville Wash. 1/2" I.D.	
77	736-0179	Fl.-Wash.	
78	710-0260	Carriage Bolt 5/16-18 x .62" Lg.*	
79	05139	Drift Cutter	
82	714-0111	Cotter Pin	
83	710-0442	Hex Bolt 5/16-18 x 1.50" Lg.*	
84	711-0584	Joint Block	
85	05066	Joint Bracket Ass'y.	
86	728-0147	Oval Head Rivet	
87	715-0129	Spring Pin Roll 1/8" Dia. x .75" Lg.*	
88	741-0475	Nylon Bushing	
89	710-0451	Carriage Bolt 5/16-18 x .75" Lg.	
90	784-5085	Chute Crank Bracket	
91	784-5084	Chute Crank Ass'y.	
92	784-5222	Spiral Ass'y. (R.H.)	
94	05737	Spiral Axle	
96	736-0247	Flat Washer	
97	750-0252	Idler Spacer	
98	710-0451	Carriage Bolt 5/16-18 x .75" Lg.	
101	736-0142	Fl.-Wash. 1/4" I.D.	
102	741-0227	Plastic Bushing	
103	784-5216	Rotor Paddle Ass'y.	
104	715-0118	Spring Pin Spir. 5/16" Dia. x 1.75" Lg.	
106	712-0107	Hex L.-Nut 1/4-20 Thd.	
107	738-0561	Shld. Nut 1/4-20 Thd.	
108	784-5192	Chute Guard Ass'y.	N

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

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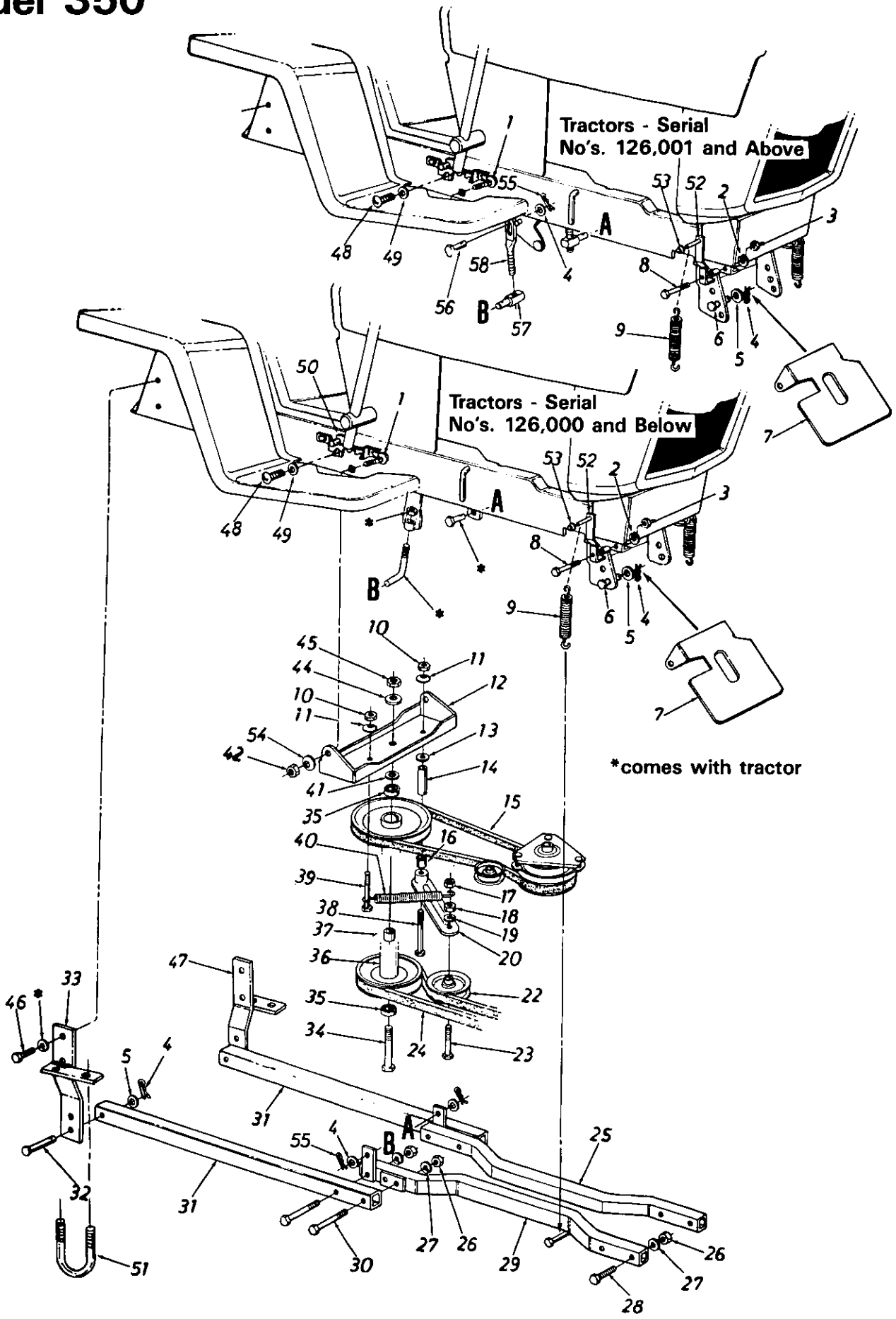
Tractors - Serial No's. 126,001 and Above
Tractors - Serial No's. 126,000 and Below
*comes with tractor

Model 350

PARTS LIST FOR MODEL 350 40" SNOW THROWER

Ref. No.	PART NO.	DESCRIPTION	New Part	Ref. No.	PART NO.	DESCRIPTION	New Part
1	710-0260	Carriage Bolt 5/16-18 x 62" Lg.*		30	710-0786	Hex Bolt 1/2-13 x 4" Lg.*	
2	736-0329	L.-Wash. 1/4" I.D.*		31	750-0641	Sq. Tubing 1-1/2" x 38.0" Lg.	
3	712-0138	Hex Nut 1/4-28 Thd.		32	711-0510	Clevis Pin 50" Dia. x 2.19" Lg.	
4	714-0101	Internal Cotter Pin 1/2" Dia.		33	784-5120	Hanger Plate Ass'y.-R.H.	
5	736-0272	Fl.-Wash. .510" I.D. x 1.0" O.D.		34	710-0929	Hex Bolt 5/16-18 x 4.50" Lg.*	
6	711-0785	Clevis Pin .5 Dia. x 2.19" Lg.		35	741-0155	Ball Brg. .62" I.D. x 1.38" O.D. x .44"	
7	784-5091	Guide Bracket .510" Dia.		36	756-3036	Double Groove Pulley	
8	710-0428	Hex Bolt 1/4-28 x 1.25" Lg.		37	750-3043	Pulley Spacer	
9	732-0488	Extension Spring 1.0" O.D. x 5" Lg.		38	710-0644	Hex Bolt 3/8-16 x 3.25" Lg.*	
10	712-0342	Hex Jam Nut 3/8-16 Thd.*		39	710-0756	Hex Bolt 3/8-16 x 2.25" Lg.*	
11	736-0105	Bell.-Wash. .400" I.D. x .88" O.D.		40	732-0470	Extension Spring .53" O.D. 4.75" Lg.	
12	784-5121	Jack Shaft Support Bracket		41	736-0290	Fl.-Wash. 5/8" I.D. x 1.0" O.D.x .063 Thk.	
13	736-0105	Bell.-Wash. .400" I.D. x .88" O.D.		42	712-0267	Hex Nut 5/16-18 Thd.*	
14	750-0511	Spacer .37" I.D. x .562" O.D. x 1.50" Lg.		44	736-0317	Bell.-Wash. .630" I.D. x 1.25" O.D.	
15	754-0352	"V"-Belt	N	45	712-0318	Hex Jam Nut 5/16-18 Thd.	
16	750-0252	Spacer .377" I.D. x .600" O.D. x .830" Lg.		46	710-0342	Hex Bolt 3/8-16 x 1.25" Lg.	
17	712-0266	Hex Cent. L.-Nut 3/8-16 Thd.		47	784-5119	Hanger Plate Ass'y.-L.H.	
18	712-0342	Hex Jam Nut 3/8-16 Thd.		48	710-0946	Truss Mach. Scr. 1/4-20 x .62" Lg.	
19	736-0169	L.-Wash. 3/8" I.D.*		49	736-0270	Bell-Wash. .265" I.D. x .75" O.D.	
20	703-1292	Idler Arm Ass'y.		50	784-5135	Lift Handle Stop Brkt.	
22	756-0417	Idler Pulley		51	747-0657	U-Bolt 5/16-18 x 2.75" Lg.	
23	710-0756	Hex Bolt 3/8-16 x 2.25" Lg.*		52	784-5206	Helper Spring Brkt.	
24	754-0330	"V"-Belt		53	726-0106	Push Cap	
25	784-5105	Front Support Tubing Ass'y. L.H.		54	736-0242	Bell.-Wash. .345" I.D. x .88" O.D.	
26	712-0206	Hex Nut 1/2-13 Thd.*		55	714-0149	Int. Cotter Pin	
27	736-0921	L.-Wash. 1/2" I.D.*		56	711-0332	Lift Bracket Pin	
28	710-0490	Hex Bolt 1/2-13 x 2.75" Lg.*		57	711-3021	Adjustable Ferrule	
29	784-5106	Front Support Tubing Ass'y. R.H.		58	719-3010	Adjustment Link	

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

NOTE

Specifications subject to change without notice or obligation.

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