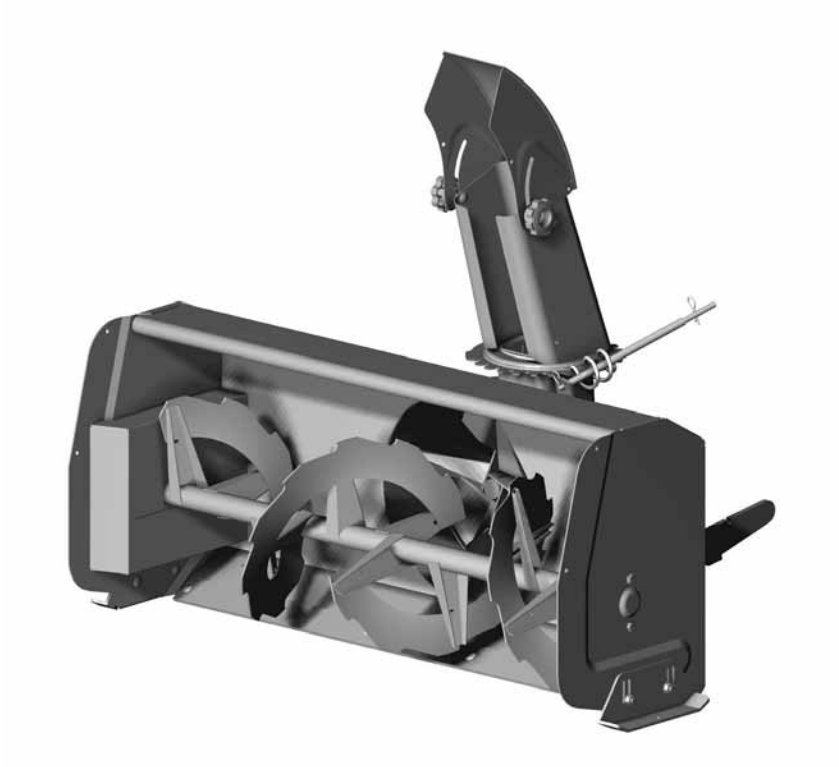
SEARS

OWNER'S MANUAL

MODEL NO. C 151 61172

Caution:
Read and Follow All Safety Rules and Instructions Before Operating This Equipment



CRAFTSMAN®

40" COMPACT TWO STAGE SNOWBLOWER FOR CRAFTSMAN TRACTORS

- **Assembly**
- **Operation**
- **Maintenance**
- **Repair Parts**

Sears Canada, Inc., Toronto, Ontario M5B 2B8

103479

WARRANTY

TRACTOR ATTACHMENTS

LIMITED ONE (1) YEAR WARRANTY ON CRAFTSMAN

TRACTOR ATTACHMENTS "SNOWBLOWER"

For one (1) year from date of purchase, Sears Canada Inc. will repair or replace free of charge at Sears option any parts which are defective as a result of defective material or faulty workmanship.

COMMERCIAL OR RENTAL USE:
Warranty on Tractor Attachments "Snowblower" used for commercial or rental purposes is limited to 90 days.

This warranty does NOT cover:

- *** Wear items, such as shear pins and shear bolts, belts**
- *** Repairs due to customer abuse or neglect**
- *** Pre-delivery set-up**
- *** In Home service**

Warranty service is available by returning the Craftsman Tractor Attachment to the nearest Sears Service Centre / Department in Canada. This warranty applies only while this product is in use in Canada.

This warranty is in addition to any statutory warranty and does not exclude or limit legal rights you may have but shall run concurrently with applicable provincial legislation. Furthermore, some provinces do NOT allow limitation on how long an implied warranty will last so the above limitations may not apply to you.

SEARS CANADA INC., TORONTO, ONTARIO, M5B 2B8

FOR SERVICE PLEASE CALL
SEARS HOME CENTRAL
1-800-4-MY-HOME®

TABLE OF CONTENTS

INTRODUCTION

TO THE PURCHASER

This new attachment was carefully designed to give years of dependable service. This manual has been provided to assist in the safe operation and servicing of your attachment.

NOTE: All photographs and illustrations in the manual may not necessarily depict the actual models or attachment, but are intended for reference only and are based on the latest product information available at the time of publication.

Familiarize yourself fully with the safety recommendations and operating procedures before putting the machine to use. Carefully read, understand and follow these recommendations and insist that they be followed by those who will use this attachment.

9 **THIS SAFETY ALERT SYMBOL IDENTIFIES AN IMPORTANT SAFETY MESSAGE IN THIS MANUAL THAT HELPS YOU AND OTHERS AVOID PERSONAL INJURY OR EVEN DEATH. DANGER, WARNING, AND CAUTION ARE SIGNAL WORDS USED TO IDENTIFY THE LEVEL OF HAZARD. HOWEVER, REGARDLESS OF THE HAZARD, BE EXTREMELY CAREFUL.**

DANGER: Signals an extreme hazard that will cause serious injury or death if recommended precautions are not followed.

WARNING: Signals a hazard that may cause serious injury or death if the recommended precautions are not followed.

CAUTION: Signals a hazard that may cause minor or moderate injury if the recommended precautions are not followed.

Record your attachment serial number and purchase date in the section reserved below (there is no serial number on the subframe). Your dealer requires this information to give you prompt, efficient service when ordering replacement parts. Use only genuine parts when replacements are required.

If warranty repairs are required please present this registration booklet and original sales invoice to your selling dealer for warranty service.

This manual should be kept for future reference.

SERIAL NUMBER : _____

PURCHASE DATE : _____

In this manual, right and left sides are determined by sitting on the tractor seat facing forward.

In this manual, "attachment" means accessories that you install on the tractor, such as, snowblower, rotary broom, blade, rotary tiller, cab, subframe, etc...

SAFETY PRECAUTIONS

Careful operation is your best insurance against an accident. Read this section carefully before operating the tractor and snowblower. All operators, no matter how experienced they may be, should read this and other manuals related to the tractor and snowblower before operating. It is the owner's legal obligation to instruct all operators in safe operation of the snowblower.

TRAINING

9 This symbol, "Safety Alert Symbol", is used throughout this manual and on the snowblower's safety labels to warn of the possibility of personal injury. Please take special care in reading and understanding the safety precautions before operating the snowblower or the tractor.

1. Read this owner's manual carefully. Be thoroughly familiar with the controls and proper use of the snowblower. Know how to stop the unit and disengage the controls quickly.

2. Never allow children to operate snowblower. Never allow adults to operate snowblower without proper instructions.

3. No one should operate the unit while intoxicated or while taking medication that impairs the senses or reactions.

4. Keep the area of operation clear of all persons, particularly small children and pets.

PREPARATION

1. Thoroughly inspect the area where the snowblower is to be used and remove door mats, all foreign objects and the like.

2. Disengage all clutches and shift into neutral before starting engine.

3. Do not operate the snowblower without wearing adequate winter outer garments. Wear footwear that will improve footing on slippery surfaces.

4. Handle fuel with care, it is highly flammable.
   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 fuel cap securely and wipe up spilled fuel.

5. Adjust the height of the snowblower to clear gravel or crushed rock surface.

6. Never attempt to make any adjustments while the engine (motor) is running (except when specifically recommended by manufacturer).

7. Let engine (motor), tractor and snowblower adjust to outdoor temperatures before starting to clear snow.

8. Always wear safety glasses or eye shields during operation or while performing an adjustment or repair to protect eyes from foreign objects that may be thrown from the machine.

OPERATION

1. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.

2. Exercise extreme caution when operating on or crossing gravel drives, walks, or roads. Stay alert for hidden hazards or traffic. Do not carry passengers.

3. After striking a foreign object, stop the engine (motor), disconnect the wire from the spark plug (s) and keep wire away to prevent accidental starting. Thoroughly inspect the snowblower for any damage and repair damage before restarting and operating the snowblower.

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 the engine (motor) whenever you leave the operating position.

6. Take all possible precautions when leaving the machine unattended. Disengage the power take-off, lower the attachment, set the parking brake, stop the engine and remove the key.

7. When cleaning, unclogging, repairing or inspecting, make certain the collector/impeller and all moving parts have stopped. Disconnect wire from the spark plug(s) and keep wire away to prevent accidental starting.

SAFETY PRECAUTIONS

8. Do not run the engine indoors, except when starting the engine and for transporting the snowblower in or out of the building. Do not operate or let motor run in a storage area without ventilation because gas contains carbon monoxide which is odourless, colorless and can cause death.

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 the snowblower without proper guards, plates, or other safety protective devices in place

11. Never operate the snowblower near glass enclosures, automobiles, window wells, drop-offs, and the like without proper adjustment of the snow discharge angle. Keep children and pets away.

12. Do not overload the machine capacity by attempting to clear snow at too fast a rate.

13. Never operate the snowblower at high transport speeds on slippery surfaces. Use care when backing.

14. Never direct discharge at bystanders or allow anyone in the clearance area.

15. Disengage power to the collector/impeller when the snowblower is transported or not in use.

16. Use only accessories approved by the manufacturer of the tractor (such as wheel chains, counterweights, cabs and the like).

17. Never operate the snowblower without good visibility or light.

MAINTENANCE AND STORAGE

1. Check shear bolts, engine mounting bolts, and other bolts at frequent intervals for proper tightness to be sure the snowblower is in safe working condition.

2. Never store the machine with fuel in the fuel tank inside a building where ignition sources are present such as hot water and space heaters, clothes dryers, and the like. Allow the engine to cool before storing in any enclosure.

3. Always refer to the operator's guide instructions when you store the snowblower.

4. Maintain or replace safety and instruction labels, as necessary.

5. Run the snowblower a few minutes after throwing snow to prevent freeze-up of the collector/impeller

WHENEVER YOU SEE THIS SYMBOL

9

IT MEANS:

WARNING!

BECOME ALERT !

YOUR SAFETY IS INVOLVED!

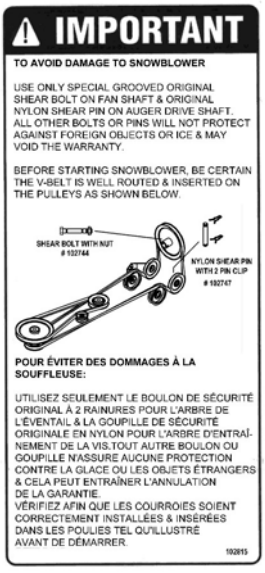
SAFETY DECALS

REPLACE IF DECALS ARE DAMAGED
SEE PARTS BREAKDOWN FOR DECAL LOCATION

Decal # 102125

Decal # 102126

Decal #102127

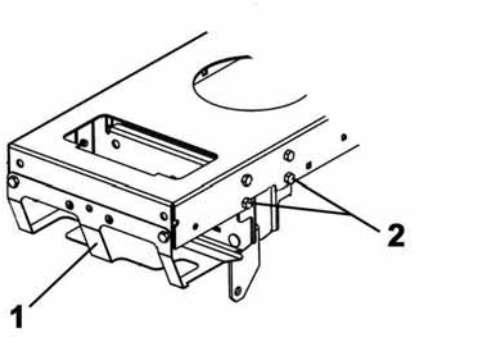


Decal #102815

ASSEMBLY

IMPORTANT: TORQUE ALL BOLTS ACCORDING TO TORQUE SPECIFICATION TABLE (SEE TABLE OF CONTENTS) WHEN STATED: TIGHTEN FIRMLY. REFER TO PARTS BREAKDOWN SECTION FOR PARTS IDENTIFICATION.

NOTE: The subframe supplied with this kit may also be used for different attachments (see attachments page). Once installed it may remain permanently on the tractor.
Open the tractor hood, disconnect the headlights and remove the hood. Disconnect the wire from the spark plug(s) and keep away from spark plug(s) to prevent accidental starting.
Follow the instructions that are appropriate to your particular tractor.



STEP 1
SUBFRAME INSTALLATION:

For 2000 and after model tractors
Remove the two bottom bolts (item 2) from each side.
Remove the heat shield (item 1).

2000 & after

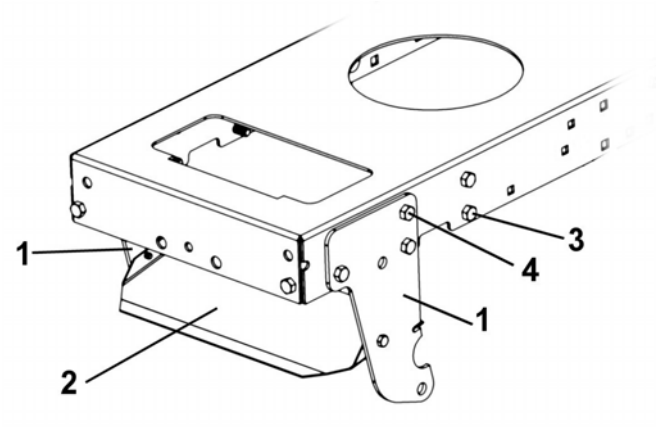
Remove heat shield and bolts

For 1999 and before model tractors
Remove the heat shield (item 2), the mower brackets (item 1) and the lower bolt (item 3) from each side.

Screw back in the top bolt (item 4) on each side.

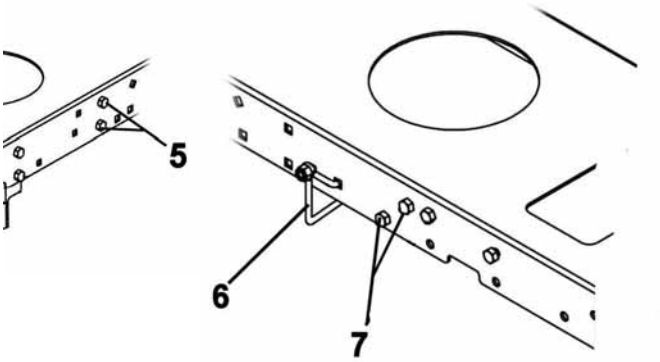
Tractors with an electric clutch
To be able to install the subframe supports, you have to remove the bolts and nuts (items 5 or 6 or 7) (depending on the model of your tractor) which hold the anti-rotation bracket for the electric clutch.

NOTE: Take note of the place and in which manner the anti-rotation bracket was installed to be able to reinstall it in the same manner.



Remove heat shield and mower brackets

Tractors with a manual clutch: remove the belt guide (item 6).



1999 & before

Remove bolts and belt guide

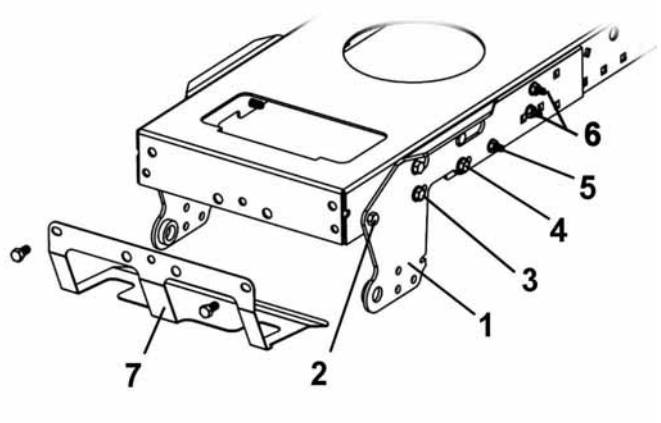
ASSEMBLY

Install the left support (item 1) with three 3/8 x 1" thread cutting bolts (items 2, 3 & 4), 5/16 x 1" carriage bolts (items 5 & 6) and flange nuts. Do not tighten.

Install the right support in the same manner.

Install the new heat shield (item 7) as shown using the tractor bolts.

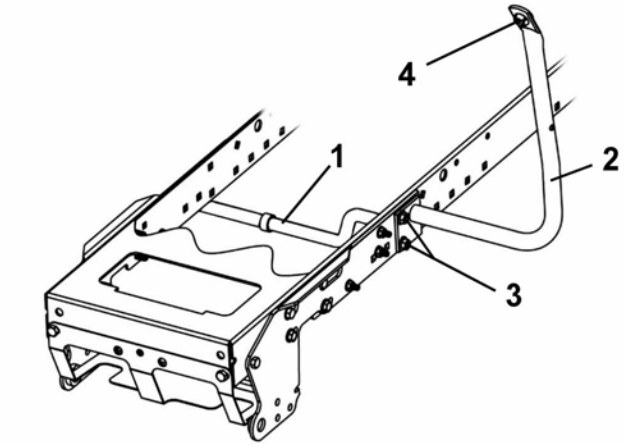
Tractors with an electric clutch:
Reinstall the anti-rotation support with the original bolts and nuts that held it beforehand, either on the right or left hand side. If the bolts are too short, use the 5/16 x 1" furnished with this kit. Do not tighten.



Install new supports and heat shield

Install the brace pin (item 1) inside the frame on the left hand side and the handle support (item 2) as shown. Use two 3/8 x 1" carriage bolts (item 3) and flange nuts.
Do not tighten.

Insert the plastic grommet (item 4) as shown.

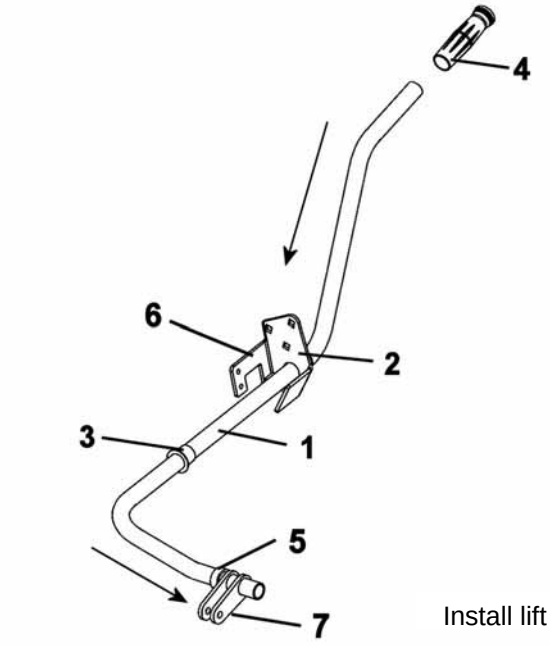


Install brace pin and handle support

Slide the nylon bushing (item 3) flange first, down the lift arm (item 1) to the sleeve (item 5).

Slide the lift support (item 2) down the lift arm, and onto the nylon bushing (item 3). The slotted section (item 6) of the lift support comes down over the fork (item 7).

Install the handgrip (item 4) as shown.



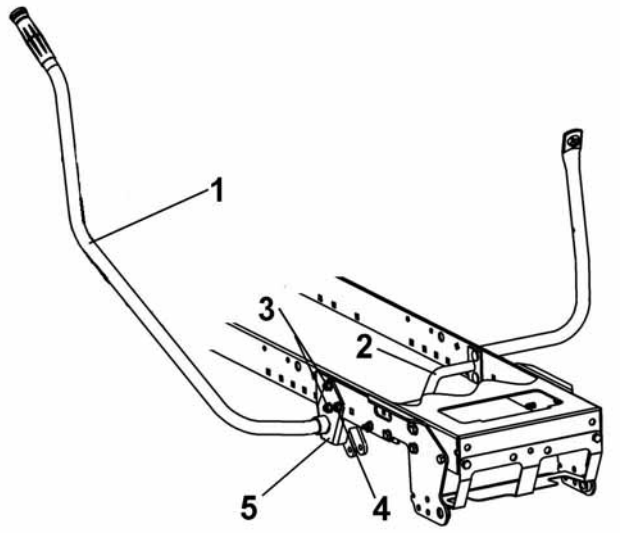
Install lift support

ASSEMBLY

Tractors with a manual clutch:
Install the lift arm (item 1) on the tractor frame with three 3/8 x 1" carriage bolts (item 3) heads inside the frame.
Insert the lift arm assembly (item 1) on the brace pin (item 2).
TIP: Insert bolts in holes then wrap a small elastic band around the stems of the three bolts to hold them in place. The elastic maybe cut off after installation if so desired.

Tractors with an electric clutch:
Reinstall the electric clutch anti-rotation support over the lift arm support (item 5). If it was installed with a bolt in the hole (item 4), use the 3/8 x 1 1/4'' carriage bolt and original nut.

Secure the bolts with the flange nuts.
Do not tighten.

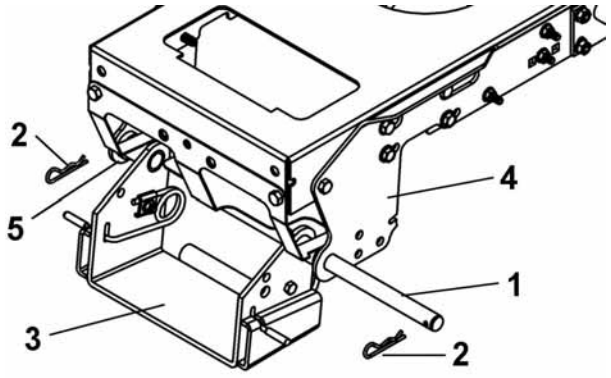


Install lift arm

Install the pivot support (item 3) between the left and right supports (items 4 & 5).

Insert the pivot pin (item 1) as shown.

Secure with two 3 mm hair pins (item 2).



Install pivot support

Install the push bar (item 1) by sliding it into the tube (item 2) welded on the pivot support.

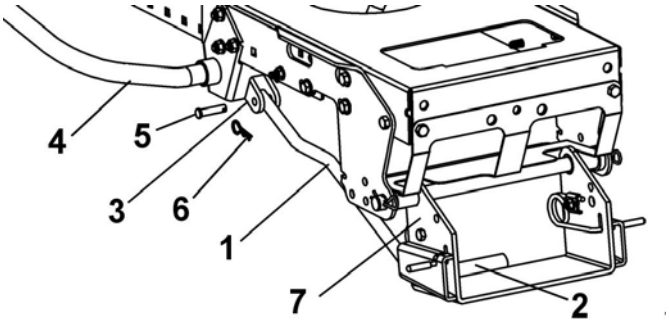
Attach the other end in the fork (item 3) of the arm lift (item 4) with the pin (item 5).

Secure in place with a 2.5 mm hair pin (item 6).

IMPORTANT: TIGHTEN ALL BOLTS AS PER TORQUE SPECIFICATION TABLE (SEE TABLE OF CONTENTS).

NOTE:
For tractors with a 48" mower deck
When you reinstall the mower deck, you must remove the push bar (item 1) and the pivot support (item 7).

If Utility blade (see Attachments & Options) is to be used with the mower deck, an attatching bracket is required. Sold as an option #700317.

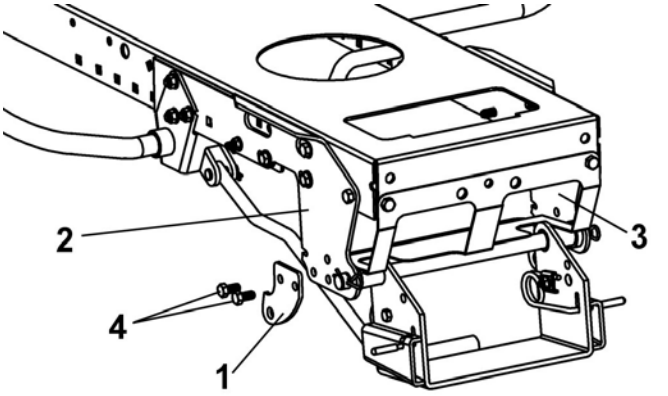


Install push bar

ASSEMBLY

For 1999 tractor models and before
Install the new mower brackets (item 1) inside the right and left supports (items 2 & 3) with two 3/8 x 3/4" hex bolts (item 4) and flange nuts.

Tighten securely.



Install mower brackets

STEP 2
DRIVE MECHANISM PREPARATION:

NOTE: You must remove the mower deck to install and use the drive mechanism.

To install the drive mechanism, you must install two supports (item 1) (the big hole, item 5) towards the front of the tractor as shown.

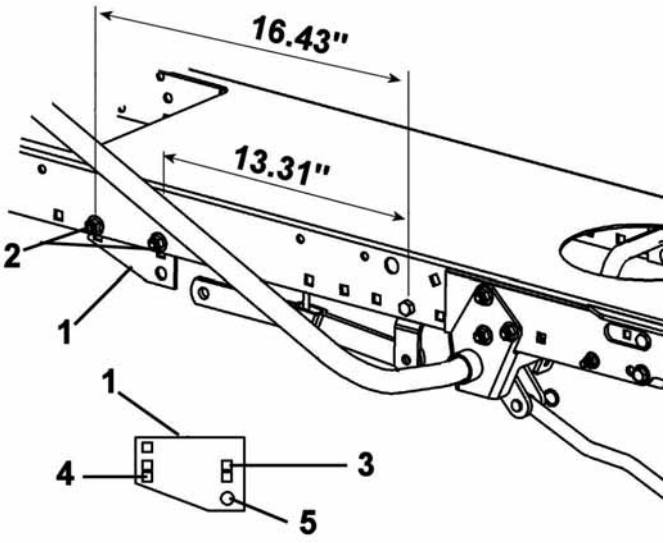
Fasten the supports (one on each side) with two 3/8 x 3/4" bolts (item 2) and flange nuts in the holes (item 3) of the supports.

To install the left support, you must remove the two bolts from the tractor. Tighten firmly.

For tractors with a 48" mower deck
Fasten each of the supports with two 3/8 x 3/4" bolts in the holes (item 4) of the supports.

To install the left support, you must remove the two bolts from the tractor.
Tighten firmly.

For all size mower decks
NOTE: When re-installing the mower deck, there may be interference between the mower deck's blade spindle pulley and the subframe's right hand side support (item 1). If so, remove the support and store securely to re-install next winter season.



Install supports

ASSEMBLY

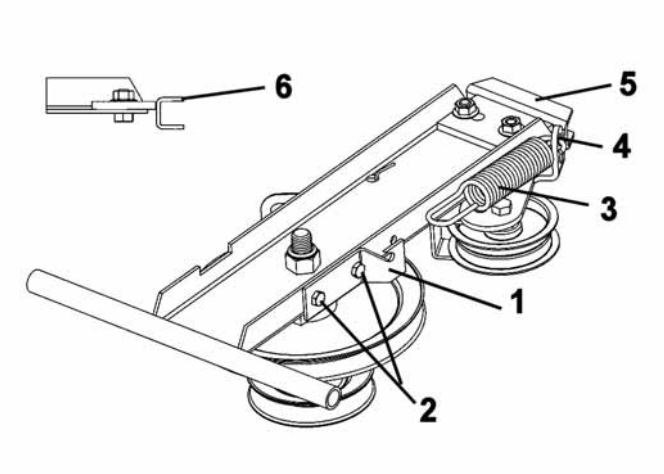
NOTE: This drive mechanism may be mounted on tractors with three different types of clutch mechanisms. See the following instructions for those that are appropriate for your tractor.

TRACTORS WITH AN ELECTRIC CLUTCH.
For tractors with a 48" mower deck only
You must remove the front support (item 5) and turn it upside down as shown (item 6).

All other size mowers:
No modifications.

Install the spring holder (item 1) on the drive mechanism frame with two 1/4 x 3/4" hex bolts (item 2) and flange nuts in the rear set of holes of the drive frame. Tighten firmly.

Hook the spring (item 3) by its shortest hook into the top hole of the idler arm (item 4) and the other end into the spring holder (item 1).
TIP: Use pliers to stretch the spring to facilitate hooking it to the holder.



Electric Clutch

Go to drive mechanism installation step.

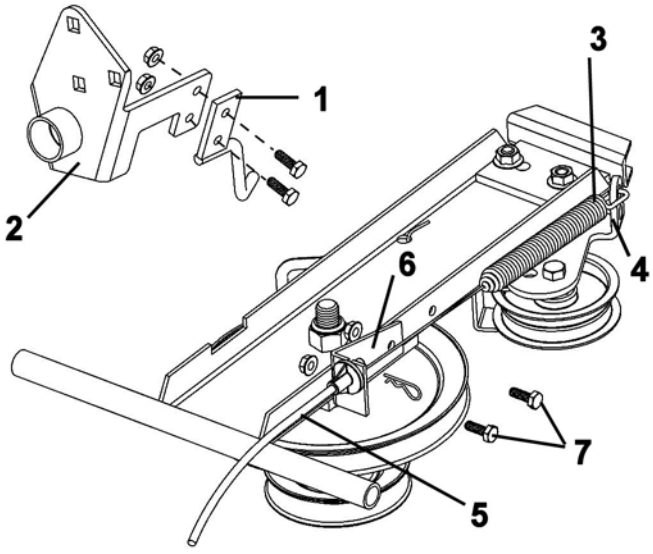
Install spring holder

TRACTORS WITH A MANUAL CLUTCH ACTIVATED BY A CABLE.
Install the belt guide (item 1) on the lift arm support (item 2) with two 1/4 x 3/4 bolts and flange nuts.
Tighten firmly.
Cut the tie wrap that holds the cable to the frame.

NOTE: Depending on the mower deck model, there are two different cable lengths. To determine where to place the cable holder, hook the end of the cable spring (item 3) into the top hole of the idler arm (item 4). Attach the cable shield (item 5) temporarily to the holder (item 6). When the cable holder is well positioned, the cable will have a slight tension. The clutch arm must be in the OFF position.

Remove the cable shield and install the cable holder (item 6) on the frame using two 1/4 x 3/4" hex bolts (item 7) and flange nuts. Reinstall the cable shield and secure with a 2 mm hair pin.
Go to drive mechanism installation step.

NOTE: After installation, attach the cable to the frame with the new tie wrap supplied with this kit.



Manual Clutch

Install cable holder

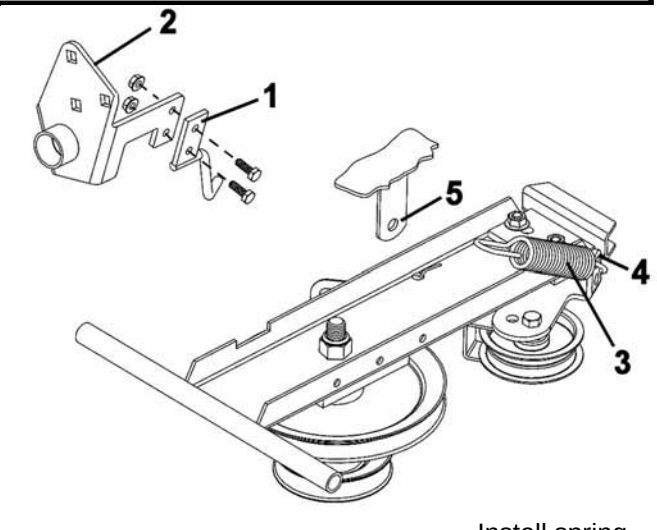
ASSEMBLY

TRACTORS WITH A CLUTCH ACTIVATED BY A ROD.

Install the belt guide (item 1) on the lift arm support (item 2) with two 1/4 x 3/4 bolts and flange nuts.
Tighten firmly.

NOTE:
When you dismounted the mower deck, you unhooked a round rod that was connected to a lever under the tractor. The spring (item 3) must be hooked to this lever.

No modifications are needed on the drive mechanism. Hook the spring (item 3) by its shortest hook into the top hole of the idler arm (item 4) and the other end to the clutch lever (item 5) underneath the tractor (the same location where the round rod was connected).



Install spring

STEP 3
DRIVE MECHANISM INSTALLATION:

Install the drive mechanism (item 1) by hooking the front part of the drive frame to the brace pin (item 2).

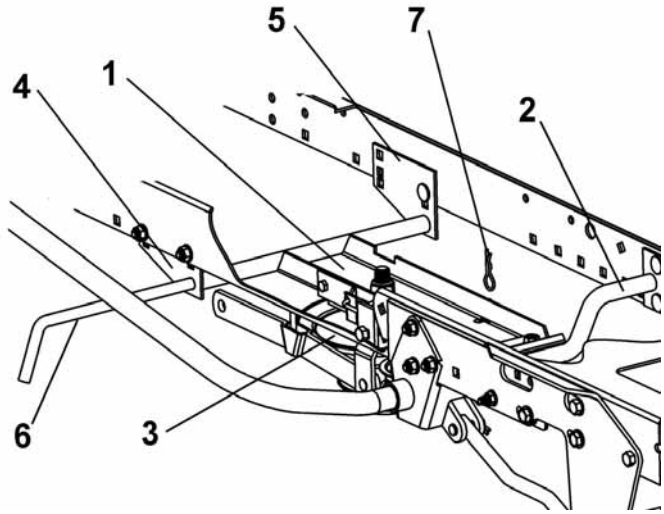
Install the primary belt (item 3) on the engine pulley and route inside the belt guide.

Lift and attach the rear portion of the drive frame between the supports (items 4 & 5) using the pin (item 6).

Secure with a 2.5 mm hair pin (item 7).

NOTE: If your tractor is equipped with an electric clutch, make sure the spring is well inserted in its place and the belt does not touch the belt guides at any point.

NOTE: If your tractor is equipped with a manual clutch, make sure the belt guide does not touch the belt at any point while the drive mechanism is engaged or disengaged. This verification must be done when the engine is stopped.



Install drive mechanism

9	**WARNING**	9

TO PREVENT INJURIES AND FOR MORE TRACTION WHEN USING AN ATTACHMENT:
-Rear counterweight of 100 lbs. minimum is required to counterbalance the attachment's weight.
-Tractor manufacturer approved tire chains are required.
-Do not operate on a slope greater than 10°.
-When dismounting an attachment remove rear counterweights.

ASSEMBLY

STEP 4
SNOWBLOWER PREPARATION:

Remove the belt guard (item 1) from the snowblower.

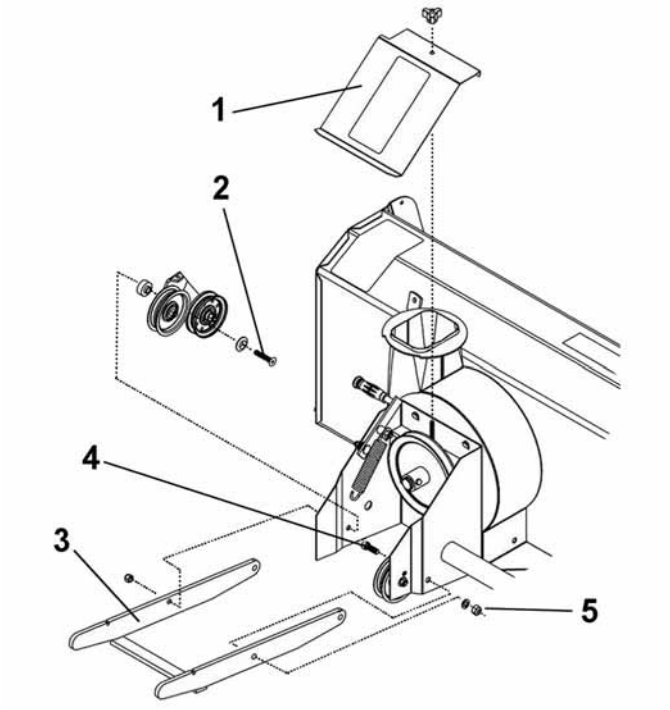
Remove the bolt (item 2) securing the tension lever.

Install the male quick hitch (item 3) to the snowblower and the tension lever with the bolt previously removed.

Be sure to reinstall the tension lever as removed and that it moves freely.

Use three 7/16 x 1 1/4" hex bolts (item 4), lock washers and nylon insert locknuts (item 5).

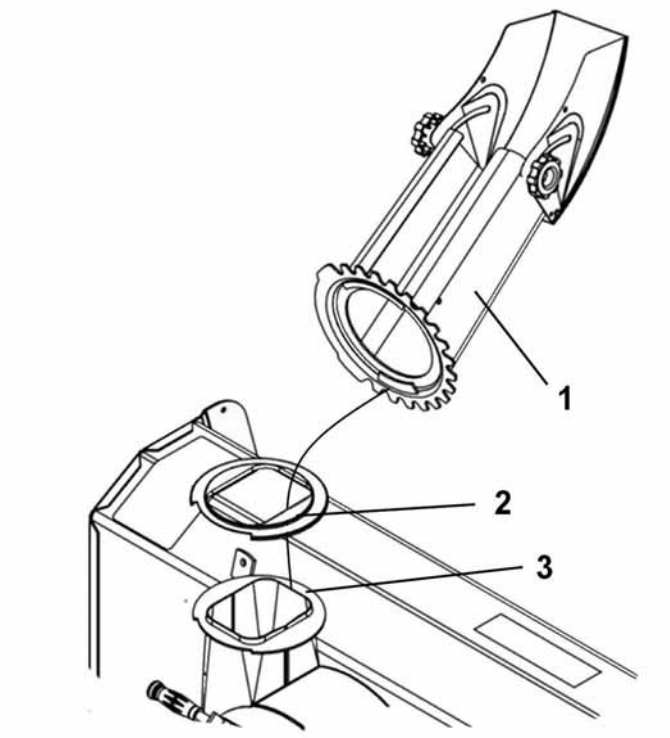
Tighten firmly.



Install hitch

Install the rotation ring (item 2) over opening (item 3) as shown and align the notches.

Place the chute (item 1) (facing the rear) and clip the back over the rotation ring then turn the chute towards the front to lock into place.



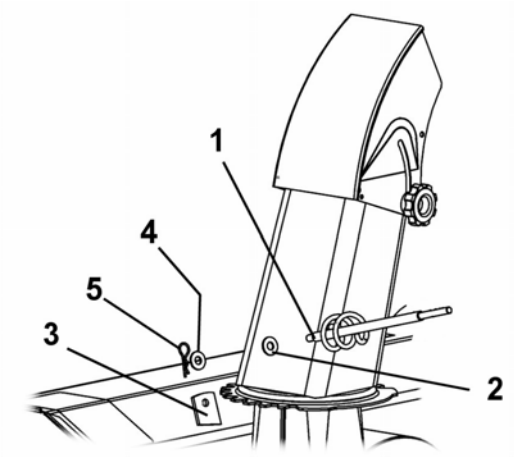
Install chute

ASSEMBLY

Place a 7/16" flatwasher (item 2) on the rotation worm shaft (item 1).

Install the rotation worm in the rotation support (item 3).

Secure with a 7/16" dia. flatwasher (item 4) and a 2.5 mm. hair pin (item 5).



Install rotation worm

ASSEMBLY

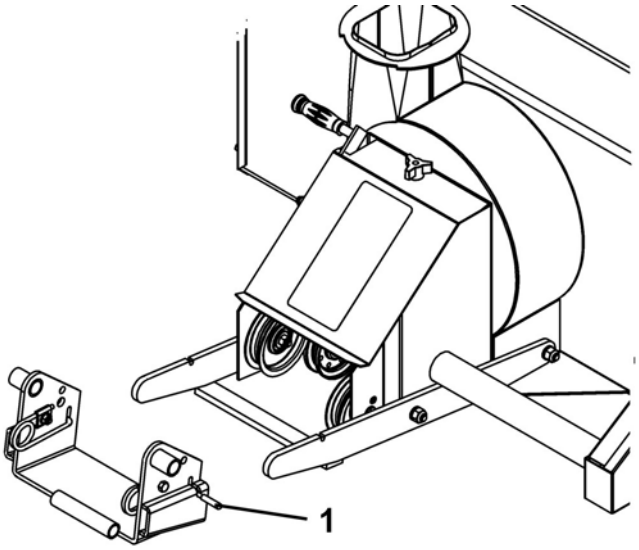
STEP 5
SNOWBLOWER INSTALLATION:

Refer to parts breakdown section for parts identification.

9	**WARNING**	9
TO PREVENT INJURIES: **Stop the motor.** **Apply parking brake.** **Remove the ignition key.** **Disconnect the wire from the spark plug(s) and keep away from spark plug(s) to prevent accidental starting.**		

Attach the snowblower to the subframe as shown.

Make sure the snowblower is pushed in until locked into place by the springs (item 1).



Install snowblower

Install the belt on the pulleys as shown.

Install the belt on the drive mechanism pulley (item 5) under the tractor.

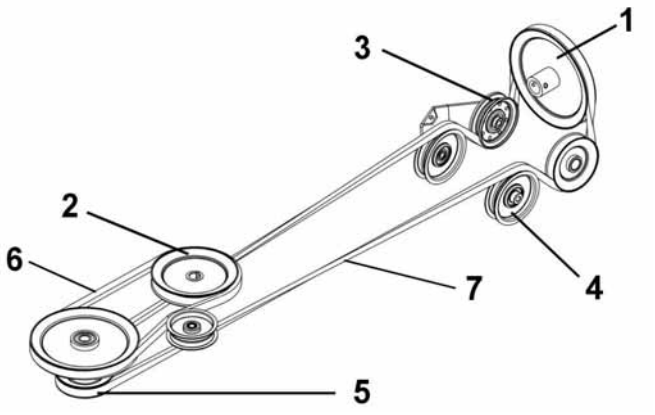
NOTE: See belt replacement instructions in the Maintenance section.

Apply tension on the belt by pulling up the belt tension arm.

9	**CAUTION**	9
The belt tension arm is spring loaded & needs to be held firmly while displacing to prevent injury.		

Reinstall the belt guard.

9	**CAUTION**	9
Never use the snowblower without the belt guard.		



Item 1: Snowblower pulley
Item 2: Tractor engine pulley
Item 3: Flat pulley L.H.
Item 4: Flat pulley R.H.
Item 5: Drive mechanism pulley
Item 6: Drive mechanism belt
Item 7: Snowblower belt

Install belt

ASSEMBLY

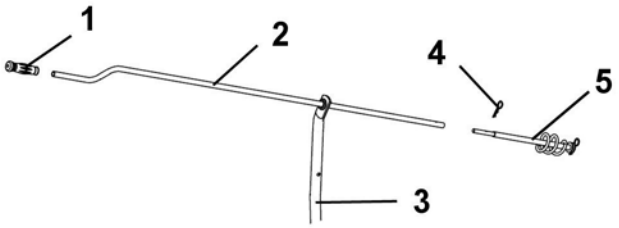
VERIFY BELT ROUTING:

-Lower the snowblower to the ground and let it run for a few seconds under supervision.
-Disengage the snowblower and stop the engine.
-Check the belts to make sure they are well inserted in the pulleys and that they have not flipped on their sides on the pulleys and that they do not touch the belt guides.

Insert the handgrip (item 1) on the handle (item 2).

Insert the handle (item 2) through the support (item 3) as shown.

Insert the handle (item 2) on the rotation worm (item 5) and secure with a 2.5 mm. hair pin (item 4).



Install handle

VERIFY SKID SHOE ADJUSTMENT:

LEVEL PAVED SURFACE: Adjust skid shoes to allow 3/16" to 1/4" clearance (A) between cutting edge and surface.

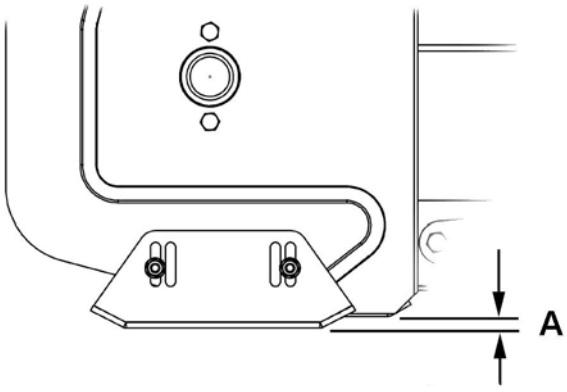
UNEVEN OR GRAVEL SURFACE: Adjust skid shoes to allow 1/2" to 5/8" clearance (A) between cutting edge and surface.

VERIFY TIRE PRESSURE:

Attachments should raise 3" to 4" above ground (no more, no less) if not, check and adjust tractor tire pressure as follows:

Front tires:	14-15 psi
Back tires:	7-8 psi

Tire pressure must be even on both sides of tractor.



Adjust skid shoe

OPERATION

SNOWBLOWER OPERATION

a) Make sure the snowblower is clear of snow before engaging the snowblower.

b) Make sure that the auger and fan operate freely.

c) Start the tractor engine.

d) Before engaging the snowblower drive, always have the engine running at medium R.P.M.

e) Operate the snowblower at maximum engine R.P.M.

IMPORTANT: USE FULL ENGINE R.P.M. WHEN REMOVING WET OR STICKY SNOW. LOW R.P.M. WILL TEND TO PLUG THE CHUTE.

CONTROLS

CHUTE ROTATION

The chute rotation handle is located to the left of steering wheel. Turning the handle in a clockwise direction, the discharge chute will turn in a clockwise direction or vice versa.

CHUTE DEFLECTOR

Set the angle of the deflector according to the distance the snow must be thrown and to prevent property damage. To change the deflector angle, loosen the two deflector knobs & adjust the deflector to the appropriate angle and retighten the two knobs securely.

SNOW REMOVAL

When removing snow, do not use the snowblower as a dozer blade to push snow. Allow snowblower to ingest snow at its own speed. If the speed of your tractor is too fast, the snowblower may become overloaded and plug. For best results, raise the snowblower and remove a top layer of snow. A second pass with the snowblower will remove the remaining snow.

9 WARNING 9

-Do not attempt to clear plugged chute, auger or fan of snow while tractor engine is running.
-Disengage snowblower.
-Lower snowblower onto ground.
-Set the parking brake.
-Stop engine, remove the ignition key, disconnect the wire from spark plug(s) and keep away from spark plug(s) to prevent accidental starting.
-Make sure all moving parts have stopped.
-Do not use hand to unplug chute.
-Use a 36'' (924 mm.) minimum length stick or board.

9 WARNING 9

Read the tractor Owner's Manual carefully. Be thoroughly familiar with the controls & proper use of the attachment. Know how to stop the attachment & disengage the controls quickly.

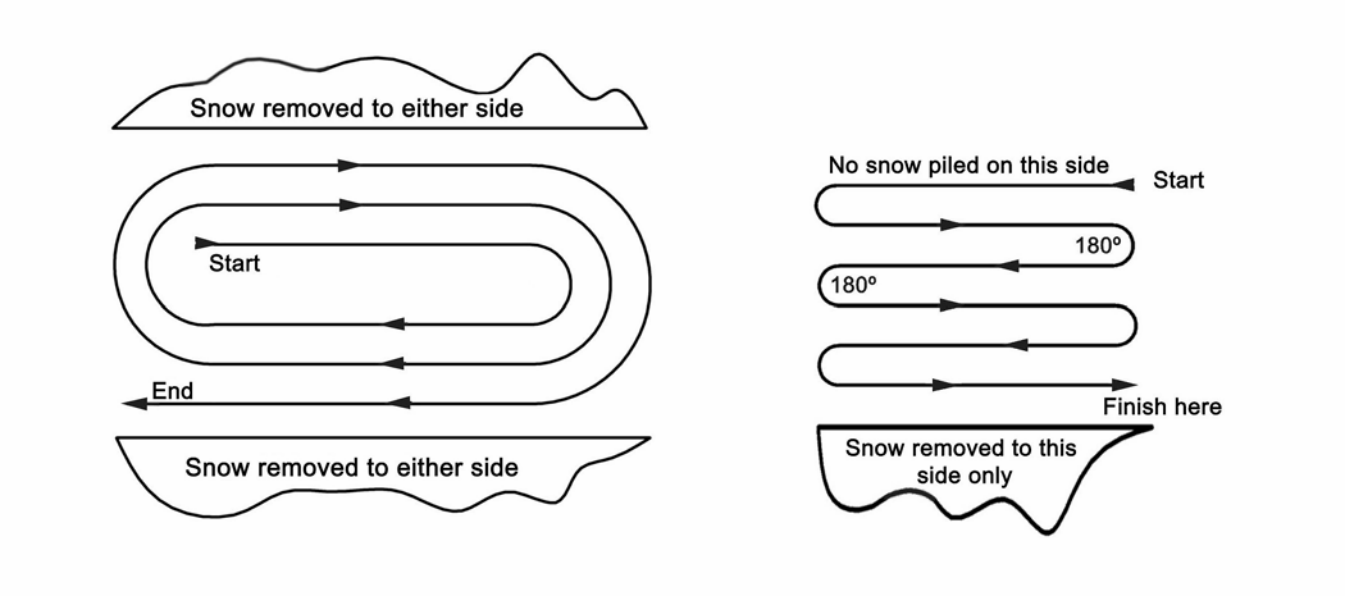
9 WARNING 9

TO PREVENT INJURIES AND FOR MORE TRACTION WHEN USING AN ATTACHMENT:
-Rear counterweight of 100 lbs. minimum is required to counterbalance the attachment's weight.
-Tractor manufacturer approved tire chains are required.
-Do not operate on a slope greater than 10°.
-When dismounting the attachment remove rear counterweights.

OPERATION

SNOW REMOVAL METHODS

A definite pattern of operation is required to thoroughly clear the snow area. These patterns will avoid blowing snow in unwanted places as well as eliminating a second removal of snow.



Where it is possible to throw the snow to the left and right (see above), as in a long driveway, it is advantageous to start in the middle.

Blow from one end to the other, throwing snow to both sides without changing the direction of the discharge chute.

If the snow can only be thrown to one side of the driveway or sidewalk (see above), start on the opposite side.

At the end of the first pass, rotate the discharge chute 180° to maintain the direction of throw in the same area.

MAINTENANCE

9 WARNING 9

TO PREVENT INJURIES:
Stop the motor.
Apply parking brake.
Remove the ignition key.
Disconnect the wire from the spark plug(s) and keep away from spark plug(s) to prevent accidental starting.

MAINTENANCE

a) Check mounting bolts at frequent intervals for proper tightness in order to prevent costly repairs. Make sure your attachment is in safe working condition.

b) Provide adequate blocking before working under attachment when in raised position.

ADJUSTMENTS

SKID SHOE ADJUSTMENT:

Level Paved Surface: Adjust skid shoes to obtain 3/16" to 1/4" clearance between cutting edge and surface.

Uneven or Gravel Surface: Adjust skid shoes to obtain 1/2" to 5/8" clearance between cutting edge and surface.

CHAIN ADJUSTMENT:

Auger drive chain: Loosen the 3/8" x 2 1/2" hex bolt (see Parts Breakdown, Snowblower) on snowblower's right side, and set chain tension leaving 1/2" deflection in chain span. Retighten hex bolt securely.

LUBRICATION

Apply oil at all pivot points.

Drive Chains: Lubricate with chain saw chain lubricant every four hours of operation and at the end of each operation.

Chute Rotation System: Oil chute base, rotation worm every eight hours of operation.

CUTTING EDGE MAINTENANCE

Verify from time to time the wearing on the cutting edge to make sure you do not wear out the base of the snowblower's chassis. This cutting edge is reversible. All you have to do is unscrew the bolts and turn the cutting edge, reinstall and tighten the bolts securely.

SHEAR BOLT & PIN REPLACEMENT

Fan Shear Bolt Replacement:

The fan is protected by a special shear bolt with two grooves. If you hit a foreign object or ice, the shear bolt is designed to break in two upon absorbing impact. The fan will stop turning. This is to avoid damage to the fan or to the snowblower. Replace only with original part (for identification, see parts list: "Snowblower"). The use of any other bolt may void the warranty. Accessible by removing the belt-guard.

Auger Shear Pin Replacement:

The auger is protected by a special nylon shear pin. If you hit a foreign object or ice, the shear pin is designed to break in two upon absorbing impact. The auger will stop turning. This is to avoid damage to the auger or the snowblower. Replace only with original parts (for identification, see parts list: "Snowblower"). The use of any other pin may void the warranty. Accessible by removing the belt-guard.

END OF SEASON STORAGE

a) Clean snowblower and subframe thoroughly and repaint all parts from which paint has worn.

b) List the replacement parts that will be needed for the next season.

c) Store the snowblower and the subframe in a dry place.

MAINTENANCE

BELT REPLACEMENT
DRIVE MECHANISM BELT

a) Remove the snowblower's belt guard and release the tension on the belt. Remove the belt from the snowblower and the drive mechanism pulleys.
b) Remove the drive mechanism, be careful not to drop.
c) **NOTE:** Before proceeding with this step, notice carefully how the belt guide is installed to avoid damage to the belt when re-installing. Remove the bolt which retains the tension pulley and the belt guide. Replace the belt and re-install the tension pulley and belt guide. Before tightening make sure the belt guide does not touch the belt at any time.
d) Re-install the drive mechanism.

MANUAL CLUTCH:
With the engine turned off, engage and disengage the clutch and verify to make sure the belt does not come in contact with the belt guide or any other part.

ELECTRIC CLUTCH:
Make sure the belt does not come in contact with the belt guide or any other part.

SNOWBLOWER BELT

IMPORTANT:
This verification MUST be done before installing a new belt.

a) Make sure the pulleys are well installed and not damaged or rusted. If rusted, properly clean the inside of the pulley with sandpaper or replace completely.
b) Make sure the flat pulley is installed in the correct hole as specified below:

   1/2" wide belt
   Fasten the pulley in the hole closest to the front.

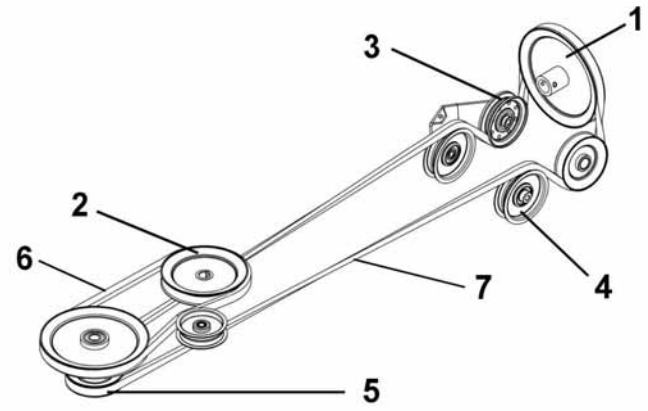
   5/8" wide belt
   Fasten the pulley in the hole closest to the rear.

NOTE: These belts have a similar life span, however, the 1/2" belt must not be used on tractors of more than 20 HP.

BELT REPLACEMENT

a) Lower the snowblower to the ground.
b) Install the V-belt as illustrated below.
c) Put tension on the belt by pulling up the tension arm.
d) Let the snowblower run for a few seconds under supervision. Disengage snowblower, turn off engine, re-verify routing of belt by making sure it does not touch any part at any time and that it has not flipped on its side while still on the pulleys.
e) If in the future, for any reason, the belt flips on its side, follow this step to prevent it from repeating. Remove the belt & turn it 180° (left strand of belt on right side and vice versa). If this is not done, the belt will continue to flip and will break the inner cords of the belt at every 3 to 4 inches.
f) If after a certain time, the belt stretches and the left flat pulley (item 3) becomes closer to the ground, you must compensate by raising the right side flat pulley (item 4) into the upper hole.
g) Use genuine belts only, they are specifically fabricated for this application.
h) Reinstall the belt guard.

NOTE: Belts must be under high tension at all times. If spring is damaged or stretched, you must replace it.



Belt Routing

Item 1: Snowblower pulley
Item 2: Tractor engine pulley
Item 3: Flat pulley L.H.
Item 4: Flat pulley R.H.
Item 5: Drive mechanism pulley
Item 6: Drive mechanism belt
Item 7: Snowblower belt

DISMOUNTING

SNOWBLOWER DISMOUNTING

9 WARNING 9

TO PREVENT INJURIES:
Stop the motor.
Apply parking brakes.
Remove the ignition key.
Disconnect the wire from the spark plug(s) and keep away from spark plug(s) to prevent accidental starting.

9 CAUTION 9

The belt tension arm is spring loaded & needs to be held firmly while displacing to prevent injury.

a) Remove the hair pin and the handle for the chute rotation.

b) Remove the belt guard and release the tension on the belt by displacing the tension arm backwards. The tension arm is spring loaded and needs to be held firmly while lowering to prevent injuries. Remove the belt.

c) Detach the snowblower by lifting the two spring locks on the pivot support and pulling out the snowblower one side at a time.

DRIVE MECHANISM DISMOUNTING

SEE ATTACHMENT OWNER'S MANUAL (SNOWBLOWER, BROOM AND BLADE) FOR DISMOUNTING INSTRUCTIONS.

a) Dismount the attachment.

b) Remove the rear counterweight when you remove the front attachment.

c) Dismount the drive mechanism by supporting it in hand and removing the 1/2" pin. Carefully lower to the ground. Detach the V-belt from engine pulley.

Manual clutch activated by rod:
Unhook the spring. Pull out drive mechanism from underneath tractor.

Manual clutch activated by cable:
Unhook cable shield by removing the hair pin. Unhook spring. Pull out drive mechanism from underneath tractor.

d) You may leave the subframe on tractor all year long or remove it if preferred.

e) Reinstall mower if needed.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	CORRECTIVE ACTION
Auger stops turning.	Nylon shear pin is probably broken.	Replace shear pin (for identification, see parts list "Snowblower").
	The reduction chain is broken or the connecting link is unlocked.	Remove both chain guards. Inspect & repair chain if needed (for identification, see parts list "Snowblower").
Fan stops turning.	Shear bolt is probably broken.	Replace shear bolt (for identification, see parts list "Snowblower").
Snowblower stops turning.	One of the two belts is probably damaged or broken.	Check both belts and replace damaged belt(s) (for instructions, see belt replacement in Maintenance section).
Belt has burn marks in specific places.	Lack of tension on belt.	Adjust manual clutch cable or replace springs if stretched.
	Snowblower engaged when plugged.	Make sure the auger & the fan are not frozen or plugged before engaging.
Chute plugs easily.	Tractor engine turning too slowly.	Run engine at full throttle during snowblowing operation.
	Advancing too quickly with tractor.	Allow snowblower to ingest snow at its own speed.
Chute rotation is difficult.	Dirt or ice may be underneath chute.	Dismount chute by removing the rotation worm (for identification, see parts list "Chute with Rotation System"). Turn the chute completely towards the rear and it will disconnect from base. Clean the base of chute and the rotation ring. Lubricate & re-install.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	CORRECTIVE ACTION
Snowblower digs into ground.	Ground is not frozen or too soft.	Adjust skid shoes lower so they may better support the snowblower. If problem persists, change skid shoes for heavy duty skid shoes (option #700243) which cover more surface and prevents snowblower from digging.
Snowblower does not raise evenly.	Tire pressure uneven from one side to another. Maladjustment of the snowblower.	Verify and adjust tire pressure: Front tires: 14 to 15 psi Rear tires: 7 to 8 psi Loosen male hitch on snowblower (for identification, see parts list "Snowblower"). Place a shim (ex.:piece of wood approx. 2" thick) under the lowest side of snowblower which needs to be leveled. Re-tighten bolts.
Snowblower vibrates or is abnormally noisy.	Damaged pulley. Damaged bearing. Damaged fan. Damaged auger.	Replace pulley. Replace bearing. Dismount & repair or replace fan. Replace auger.
Auger turns the wrong way.	Belt is installed improperly.	See Belt mounting instructions Snowblower Installation section or check the belt replacement instructions in the maintenance section.

TORQUE SPECIFICATION TABLE

GENERAL TORQUE SPECIFICATION TABLE
USE THE FOLLOWING TORQUES WHEN SPECIAL TORQUES ARE NOT GIVEN

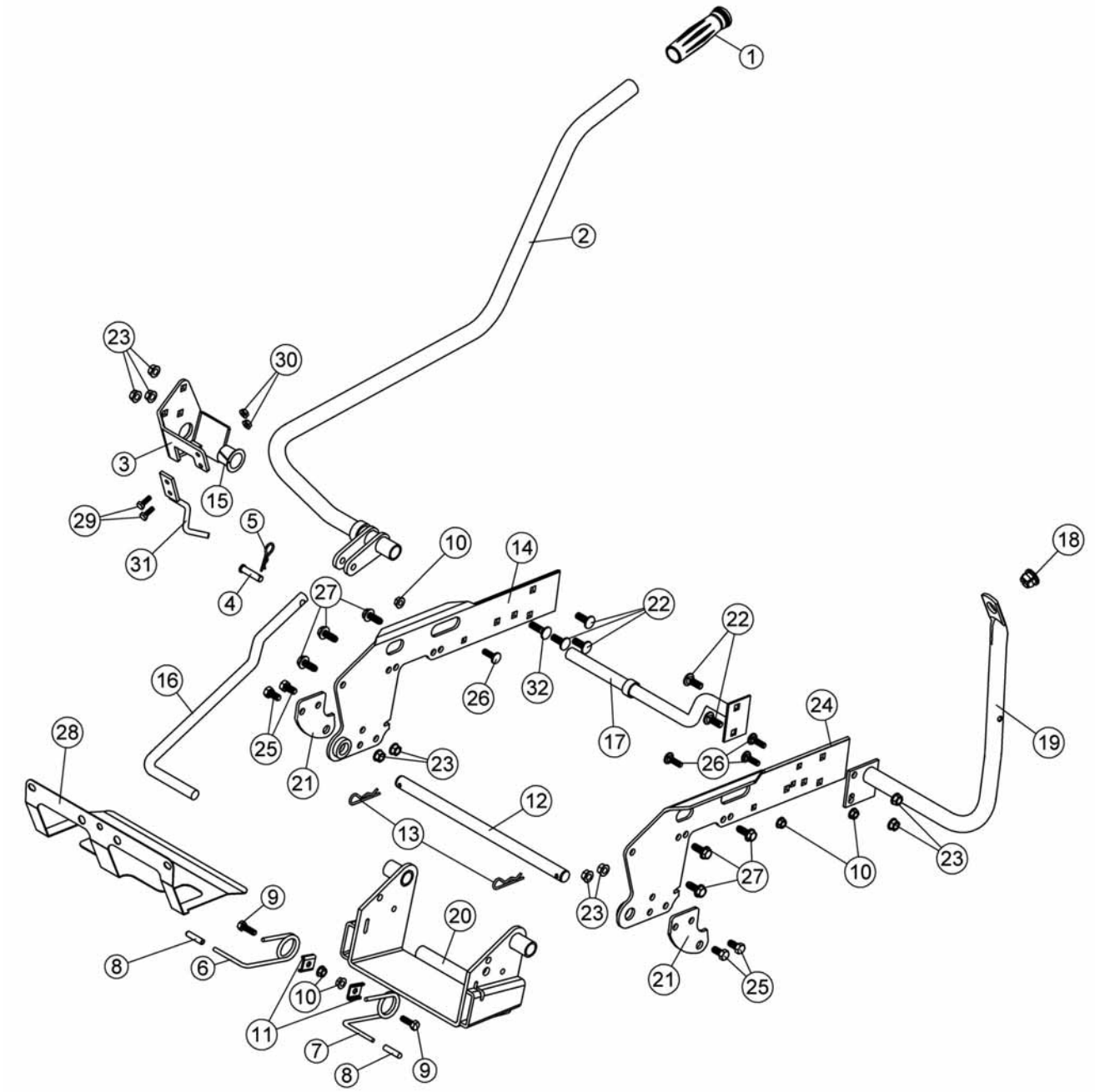
NOTE: These values apply to fasteners as received from supplier, dry or when lubricated with normal oil. They do not apply if special graphited or moly disulphide greases or other extreme pressure lubricants are used. This applies to both UNF and UNC threads.

SEE Grade No.		2				5				8 *			
BOLT HEAD IDENTIFICATION MARKS AS PER GRADE NOTE MANUFACTURING MARKS WILL VARY		TORQUE				TORQUE				TORQUE			
BOLT SIZE		POUNDS FEET		NEWTON-METERS		POUNDS FEET		NEWTON-METERS		POUNDS FEET		NEWTON-METERS	
Inches	Millimetre	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/4"	6.35	5	6	6.8	8.13	9	11	12.2	14.9	12	15	16.3	30.3
5/16"	7.94	10	12	13.6	16.3	17	20.5	23.1	27.8	24	29	32.5	39.3
3/8"	9.53	20	23	27.1	31.2	35	42	47.5	57	45	54	61	73.2
7/16"	11.11	30	35	40.7	47.4	54	64	73.2	86.8	70	84	94.9	113.9
1/2"	12.7	45	52	61	70.5	80	96	108.5	130.2	110	132	149.2	179
9/16"	14.29	65	75	88.1	101.6	110	132	149.2	179	160	192	217	260.4
5/8"	15.88	95	105	128.7	142.3	150	180	203.4	244.1	220	264	298.3	358
3/4"	19.05	150	185	203.3	250.7	270	324	366.1	439.3	380	456	515.3	618.3
7/8"	22.23	160	200	216.8	271	400	480	542.4	650.9	600	720	813.6	976.3
1"	25.4	250	300	338.8	406.5	580	696	786.5	943.8	900	1080	1220.4	1464.5

***Thick nuts must be used with grade 8 bolts**

METRIC BOLT TORQUE SPECIFICATIONS							
		COARSE THREAD			FINE THREAD		
Size Screw	Grade No.	Pitch (mm)	Pounds Feet	Newton-Meters	Pitch (mm)	Pounds Feet	Newton-Meters
M6	4T	1.00	3.6 - 5.8	4.9 - 7.9	-	-	-
	7T		5.8 - 9.4	7.9 - 12.7		-	-
	8T		7.2 - 10	9.8 - 13.6		-	-
M8	4T	1.25	7.2 - 14	9.8 - 19	1.00	12 - 17	16.3 - 23
	7T		17 - 22	23 - 29.8		19 - 27	25.7 - 36.6
	8T		20 - 26	27.1 - 35.2		22 - 31	29.8 - 42
M10	4T	1.50	20 - 25	27.1 - 33.9	1.25	20 - 29	27.1 - 39.3
	7T		34 - 40	46.1 - 54.2		35 - 47	47.4 - 63.7
	8T		38 - 46	51.5 - 62.3		40 - 52	54.2 - 70.5
M12	4T	1.75	28 - 34	37.9 - 46.1	1.25	31 - 41	42 - 55.6
	7T		51 - 59	69.1 - 79.9		56 - 68	75.9 - 92.1
	8T		57 - 66	77.2 - 89.4		62 - 75	84 - 101.6
M14	4T	2.00	49 - 56	66.4 - 75.9	1.50	52 - 64	70.5 - 86.7
	7T		81 - 93	109.8 - 126		90 - 106	122 - 143.6
	8T		96 - 109	130.1 - 147.7		107 - 124	145 - 168
M16	4T	2.00	67 - 77	90.8 - 104.3	1.50	69 - 83	93.5 - 112.5
	7T		116 - 130	157.2 - 176.2		120 - 138	162.6 - 187
	8T		129 - 145	174.8 - 196.5		140 - 158	189.7 - 214.1
M18	4T	2.00	88 - 100	119.2 - 136	1.50	100 - 117	136 - 158.5
	7T		150 - 168	203.3 - 227.6		177 - 199	239.8 - 269.6
	8T		175 - 194	237.1 - 262.9		202 - 231	273.7 - 313
M20	4T	2.50	108 - 130	146.3 - 176.2	1.50	132 - 150	178.9 - 203.3
	7T		186 - 205	252 - 277.8		206 - 242	279.1 - 327.9
	8T		213 - 249	288.6 - 337.4		246 - 289	333.3 - 391.6

PARTS BREAKDOWN / NOMENCLATURE DES PIÈCES
SUBFRAME / SOUS-CHÂSSIS

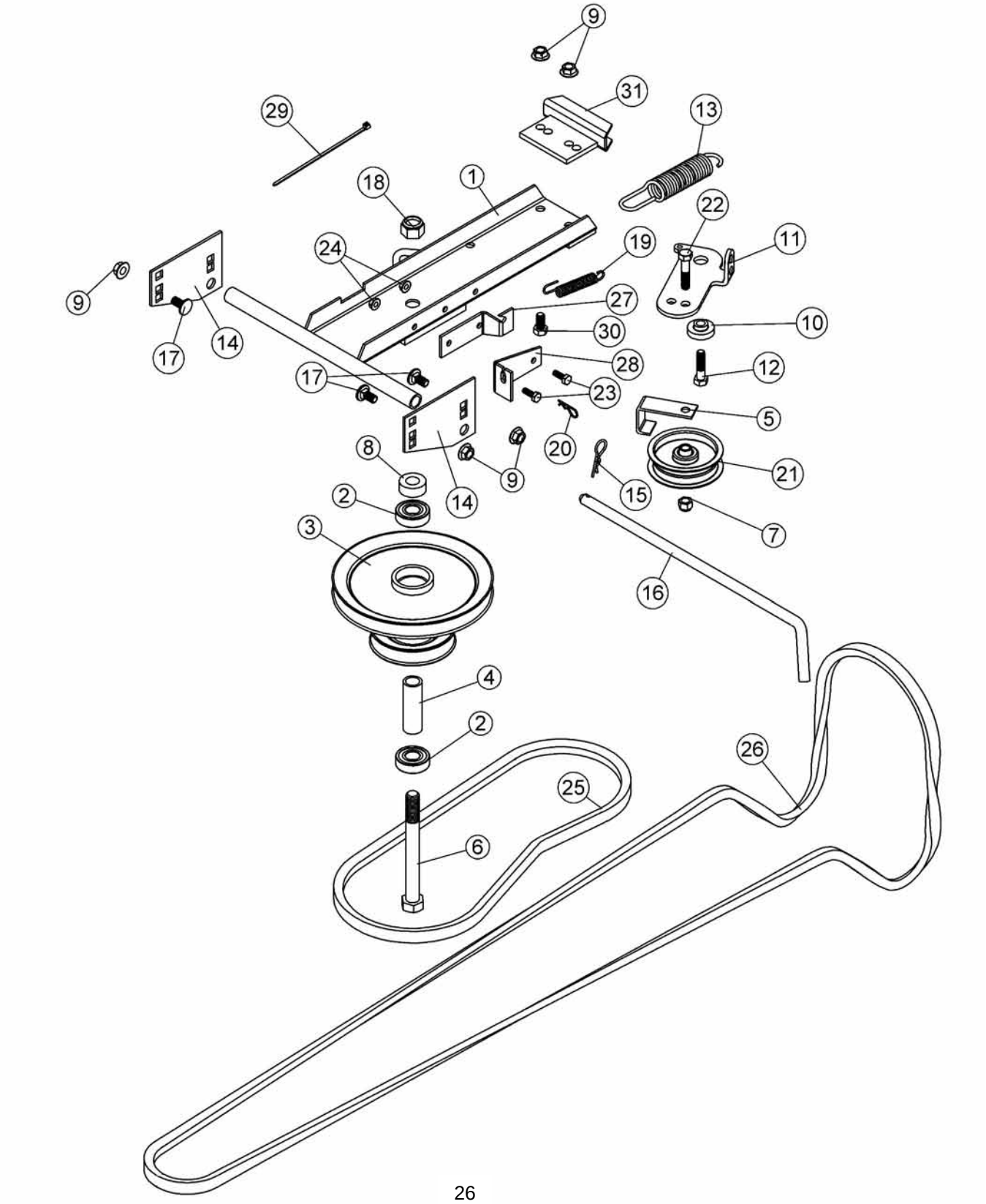


PARTS LIST / LISTE DES PIÈCES

Ref. Réf.	English description	Description française	Qty. Qté.	Part # Pièce #
1	Handgrip	Poignée de plastique	1	102025
2	Lift arm	Bras de relevage	1	103126
3	Lift support	Support de relevage	1	103508
4	Pin	Goupille	1	102772
5	Hair pin 2.5 mm.	Goupille à ressort 2.5 mm	1	102013
6	Spring lock right	Ressort de barrure droit	1	102209
7	Spring lock left	Ressort de barrure gauche	1	102208
8	Handgrip	Poignée	2	102248
9	Hex. bolt 5/16" n.c. x 1"	Boulon hex. 5/16" n.c. x 1"	2	STD523110
10	Flange nut 5/16" n.c.	Écrou à bride 5/16" n.c.	5	STD541031
11	Spring bracket	Fixation du ressort	2	102210
12	Pivot pin	Goupille de pivot	1	103108
13	Hair pin 3mm	Goupille à ressort 3mm	2	102617
14	Right support	Support droit	1	103110
15	Nylon bushing	Coussinet en nylon	1	103087
16	Push bar	Barre de poussée	1	103111
17	Brace pin	Tige de renfort	1	103112
18	Plastic grommet	Oeillet de plastique	1	102063
19	Handle support	Support de manivelle	1	103163
20	Pivot support	Support de pivot	1	102643
21	Mower bracket	Fixation de tondeuse	2	103113
22	Carriage bolt 3/8" n.c. x 1"	Boulon à carrosserie 3/8" n.c. x 1"	5	STD533710
23	Flange nut 3/8" n.c.	Écrou à bride 3/8" n.c.	9	STD541437
24	Left support	Support gauche	1	103109
25	Hex. bolt 3/8" n.c. x 3/4"	Boulon hex. 3/8" n.c. x 3/4"	4	STD523707
26	Carriage bolt 5/16" n.c. x 1"	Boulon à carrosserie 5/16" n.c. x 1"	4	STD533110
27	Thread cutting screws 3/8" n.c. x 1"	Vis a filetage coupante 3/8" n.c. x 1"	6	STD523710
28	Heat shield	Pare-chaleur	1	103114
29	Hex. bolt 1/4" n.c. x 3/4"	Boulon hex. 1/4" n.c. x 3/4"	2	STD522507
30	Flange nut 1/4" n.c.	Écrou à bride 1/4" n.c.	2	STD541425
31	Belt guide	Guide-courroie	1	103509
32	Carriage bolt 3/8 n.c. x 1 1/4''	Boulon carrosserie 3/8 n.c. x 1 1/4''	1	STD533712

O/L = Obtain locally/obtenir localement

PARTS BREAKDOWN / NOMENCLATURE DES PIÈCES
DRIVE MECHANISM /
MÉCANISME D'ENTRAÎNEMENT

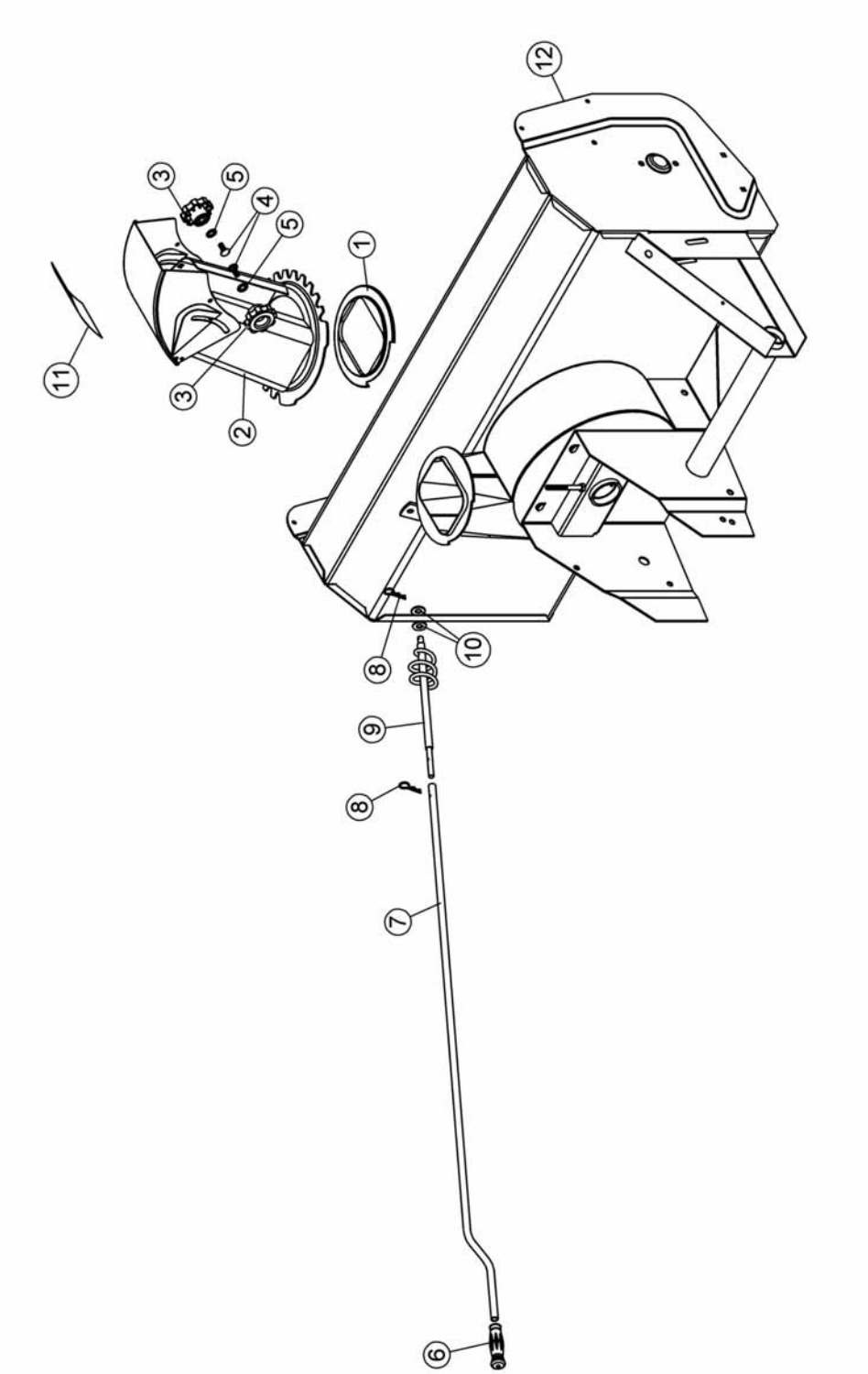


PARTS LIST / LISTE DES PIÈCES

Ref. Réf.	English description	Description française	Qty. Qté.	Part # Pièce #
1	Drive frame	Châssis d'entraînement	1	103477
2	Bearing	Roulement à billes	2	102736
3	Double pulley inc. 102736 & 102782	Poulie double inc. 102736 & 102782	1	102692
4	Sleeve	Douille	1	102782
5	Belt guide	Guide-courroie	1	102840
6	Hex. bolt 5/8" n.c. x 6"	Boulon hex. 5/8" n.c. x 6"	1	STD526260
7	Nylon insert lock nut 3/8" n.c.	Écrou à garniture de nylon 3/8" n.c.	1	STD541437
8	Spacer	Espaceur	1	103003
9	Flange nut 3/8" n.c.	Écrou à bride 3/8" n.c.	5	STD541437
10	Flange washer	Rondelle à bride	1	103481
11	Idler arm	Bras de tension	1	103101
12	Hex. bolt 3/8" n.c. x 1 1/2"	Boulon hex. 3/8" n.c. 1 1/2"	1	STD523712
13	Spring 1 1/8	Ressort 1 1/8	1	102004
14	Support	Support	2	103102
15	Hair pin 2.5 mm.	Goupille à ressort 2.5 mm	1	102013
16	Pin	Goupille	1	102754
17	Carriage bolt 3/8" n.c. x 3/4"	Boulon à carrosserie 3/8" n.c. x 3/4"	3	STD533707
18	Nylon insert lock nut 5/8" n.c.	Écrou à garniture de nylon 5/8" n.c.	1	STD541462
19	Spring 1/2"	Ressort 1/2"	1	102003
20	Hair pin 2 mm	Goupille a ressort 2 mm	1	102430
21	Flat pulley	Poulie plate	1	102839
22	Hex. bolt 3/8" n.c. x 1 3/4"	Boulon hex. 3/8" n.c. x 1 3/4"	1	STD523717
23	Hex. bolt 1/4" n.c. x 3/4"	Boulon hex. 1/4" n.c. x 3/4"	2	STD522507
24	Flange nut 1/4" n.c.	Écrou à bride 1/4" n.c.	2	STD541425
25	V-Belt, A-48	Courroie en V, A-48	1	103121
26	V-Belt, B-112	Courroie en V, B-112	1	103010
27	Spring holder	Fixation du ressort	1	103105
28	Cable holder	Fixation du câble	1	103104
29	Tie wrap 8"	Attache de nylon 8"	1	STC500479
30	Hex. bolt 3/8" n.c. x 3/4"	Boulon hex. 3/8" n.c. x 3/4"	1	STD523707
31	Support	Support	1	103478

O/L = Obtain locally/obtenir localement

PARTS BREAKDOWN / NOMENCLATURE DES PIÈCES
CHUTE WITH ROTATION SYSTEM
GOULOTTE AVEC SYSTÈME DE ROTATION

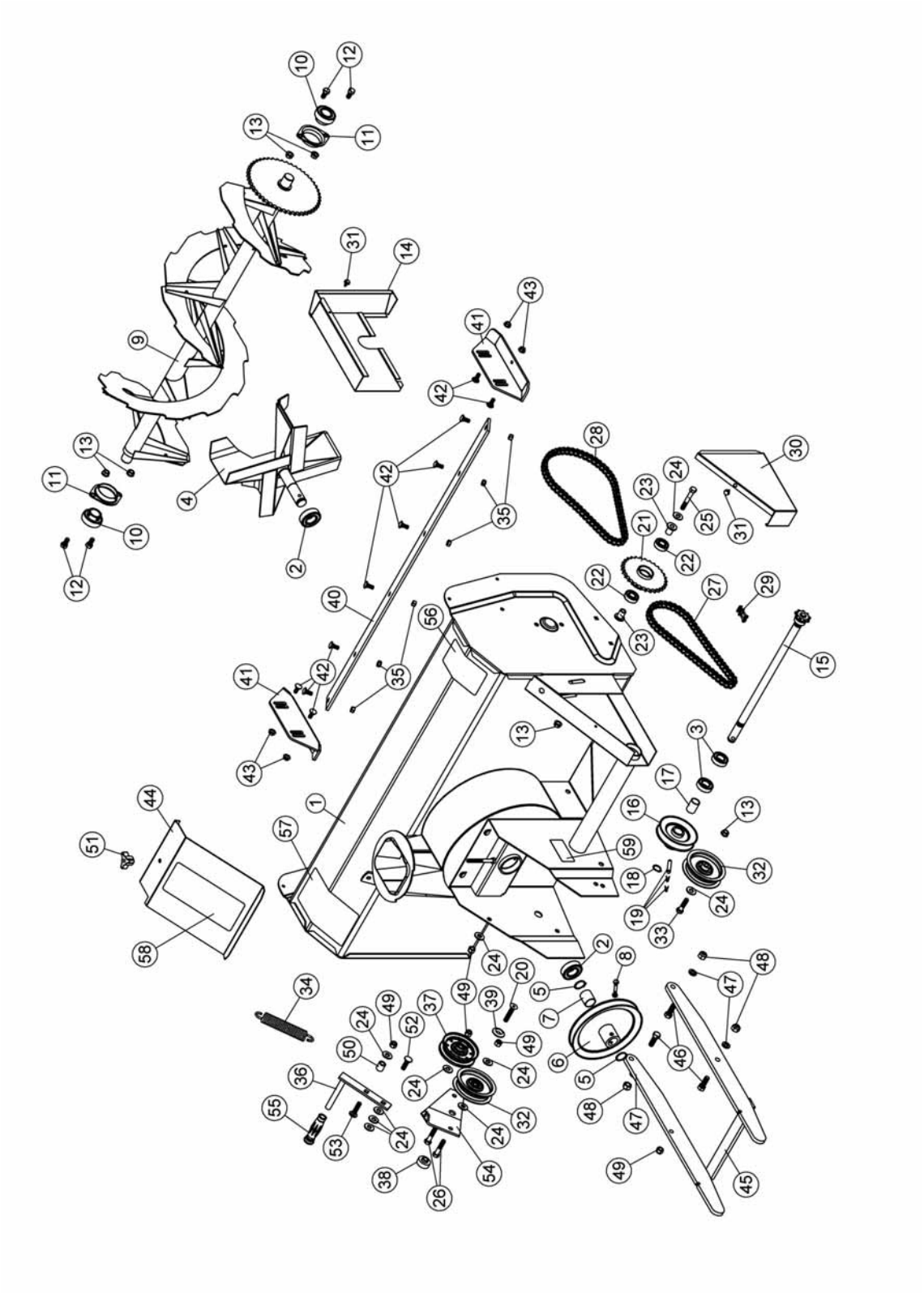


PARTS LIST / LISTE DES PIÈCES

Ref. Réf.	English description	Description française	Qty. Qté.	Part # Pièce #
1	Rotation ring	Coussinet de rotation	1	102756
2	Chute	Goulotte	1	102748
3	Knob	Bouton	2	102020
4	Carriage bolt 5/16" n.c. x 3/4"	Boulon carrosserie 5/16" n.c. x 3/4"	2	STD523107
5	Nylon flat washer 7/16"	Rondelle plate de nylon 7/16"	2	102011
6	Handgrip	Poignée	1	102062
7	Handle	Manivelle	1	102061
8	Hair pin 2.5 mm.	Goupille à ressort 2.5 mm	2	102013
9	Rotation worm	Spirale de rotation	1	102695
10	Flat washer 7/16" hole	Rondelle plate 7/16" trou	2	STD551043
11	Danger decal	Décalque danger	1	102127
12	Frame	Châssis	1	REF

O/L = Obtain locally/obtenir localement

PARTS BREAKDOWN / NOMENCLATURE DES PIÈCES
SNOWBLOWER / SOUFFLEUSE



PARTS LIST / LISTE DES PIÈCES

Ref. Réf.	English description	Description française	Qty. Qté.	Part # Pièce #
1	Frame	Châssis	1	103000
2	Bearing	Roulement à billes	2	102757
3	Bearing	Roulement à billes	2	102758
4	Fan	Éventail	1	102743
5	Retaining ring	Bague de retenue	2	102760
6	Main drive pulley inc. 102784	Poulie d'entraînement principale inc. 102784	1	102691
7	Oil lite bushing	Coussinet imprégné d'huile	1	102784
8	Shear bolt /N.I.L.N.T. pkg-10	Boulon de séc. /É.G.N.M. pqt-10	1	102744
9	Auger 40"	Vis 40"	1	102000
10	Bearing with set screw	Roulement à billes avec vis à pression	2	102755
11	Flangette	Flangette	2	102680
12	Hex. bolt 3/8" n.c. x 3/4"	Boulon hex. 3/8" n.c. x 3/4"	4	STD523707
13	Flange nut 3/8" n.c.	Écrou à bride 3/8" n.c.	6	STD541437
14	Chain guard	Garde-chaîne	1	102698
15	Drive shaft	Arbre de commande	1	102696
16	Auger drive pulley inc. 102783	Poulie d'entraînement de la vis inc. 102783	1	102690
17	Oil-lite bushing	Coussinet imprégné d'huile	1	102783
18	Retaining ring	Bague de retenue	1	102761
19	Nylon shear pin w/2 clips	Goupille de sécurité nylon a/2 clips	1	102747
20	Hex socket f.h. cap screw 3/8" n.c. x 2"	Vis a pression hex. t.p. 3/8" n.c. x 2"	1	STD523720
21	Double sprocket inc. 102759 & 102683	Pignon double inc. 102759 & 102683	1	102684
22	Bearing	Roulement à billes	2	102759
23	Flange sleeve	Douille à bride	2	102683
24	Flat washer 7/16" hole	Rondelle plate 7/16" trou	10	STD551043
25	Hex. bolt 3/8" n.c. x 2 1/2"	Boulon hex 3/8" n.c. x 2 1/2"	1	STD523722
26	Hex. bolt 3/8" n.c. x 1 3/4"	Boulon hex. 3/8" n.c. x 1 3/4"	2	STD523717
27	Roller chain #40 x 54 /w connecting link	Chaîne #40 x 54 mailles /a maille d'accouplement	1	102767
28	Roller chain #40 x 64 /w connecting link	Chaîne #40 x 64 mailles /a maille d'accouplement	1	102768
29	Connecting Link #40	Maille d'accouplement #40	1	102040
30	Chain guard	Garde-chaîne	1	102745

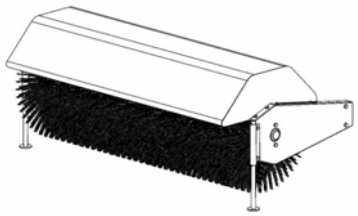
O/L = Obtain locally/obtenir localement

PARTS LIST / LISTE DES PIÈCES

Ref. Réf.	English description	Description française	Qty. Qté.	Part # Pièce #
31	Tapping screw 1/4" n.c. x 1/2"	Vis taraudeuse 1/4" n.c. x 1/2"	2	O/L
32	Flat pulley	Poulie plate	2	102765
33	Hex. bolt 3/8" n.c. x 1 1/2"	Boulon hex. 3/8" n.c. 1 1/2"	1	STD523715
34	Spring	Ressort	1	102861
35	Stover lock nut 5/16" n.c.	Écrou de blocage 5/16" n.c.	6	STD541031
36	Tension arm	Bras de tension	1	103026
37	Idler	Poulie	1	103044
38	Flange washer	Rondelle à bride	1	103025
39	Special washer	Rondelle plate spécial	1	103042
40	Cutting edge 40"	Racloir 40"	1	102047
41	Skid shoe	Patin	2	103188
42	Carriage bolt 5/16" n.c. x 3/4"	Boulon à carrosserie 5/16" n.c. x 3/4"	10	STD533107
43	Flange nut 5/16" n.c.	Écrou à bride 5/16" n.c.	4	STD541531
44	Belt guard	Garde courroie	1	103024
45	Male hitch	Attache mâle	1	103043
46	Hex. bolt 7/16" n.c. x 1 1/4"	Boulon hex. 7/16" n.c. x 1 1/4"	3	STD524112
47	Lock washer 7/16"	Rondelle de blocage 7/16"	3	STD551143
48	Nylon Insert Lock nut 7/16" n.c.	Écrou à garniture de nylon 7/16" n.c.	3	STD541443
49	Nylon insert lock nut 3/8" n.c.	Écrou à garniture de nylon 3/8" n.c.	5	STD541437
50	Sleeve	Douille	1	103028
51	Knob	Bouton	1	103027
52	Carriage bolt 3/8" n.c. x 1 1/4"	Boulon à carrosserie 3/8" n.c. x 1 1/4"	1	STD533712
53	Carriage bolt 3/8" n.c. x 1-1/2"	Boulon à carrosserie 3/8" n.c. x 1 1/2"	1	STD533715
54	Tension lever	Levier de tension	1	103023
55	Handgrip	Poignée	1	102062
56	Danger decal	Décalque danger	1	102126
57	Warning decal	Décalque attention	1	102125
58	Important decal	Décalque important	1	102815
59	Serial number	Numéro de série	1	REF

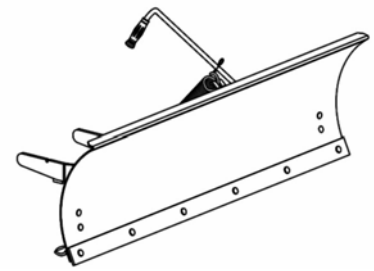
O/L = Obtain locally/obtenir localement

ATTACHMENTS & OPTIONS

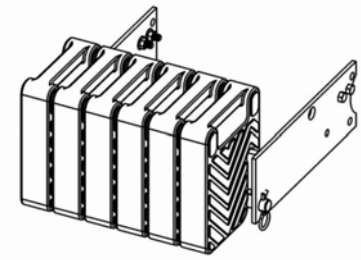


ROTARY BROOM
#700286 with nylon brush
/#700316 with polypropylene brush.

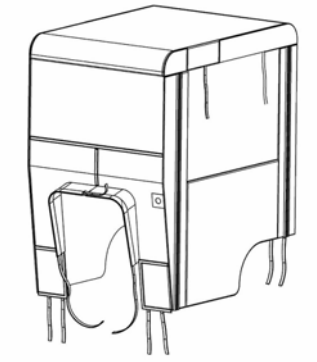
Fits on same subframe as snowblower & utility blade
Requires adaptor #700287 for 61173 & 61174 or #700288 for 61172. Debris collector available as an option.



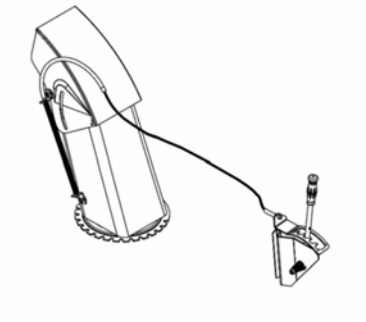
UTILITY BLADE
#700266
Mounts on the same subframe as the snowblower & rotary broom



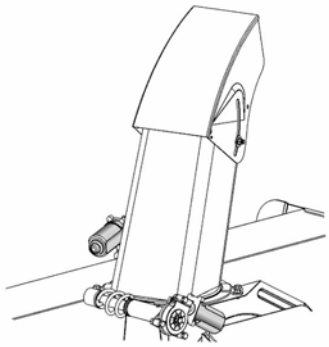
COUNTERWEIGHT
#61913
Required for safety and traction. Counter-balances weight of attachment.



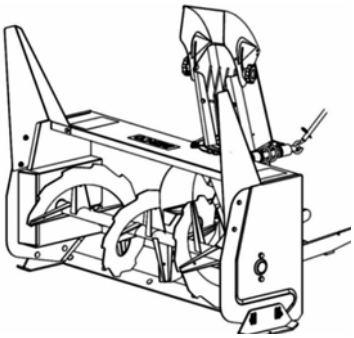
TRACTOR SNOW CAB
 # 61900
Universal type fits on a wide variety of lawn and garden tractors.



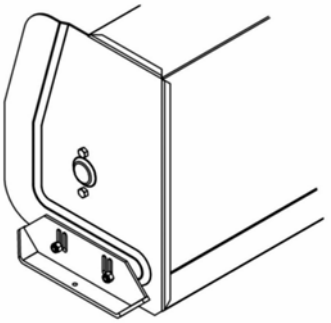
DEFLECTOR ADJUSTMENT KIT
 # 700239
Adjusts height at which snow is thrown from the driver's seat.



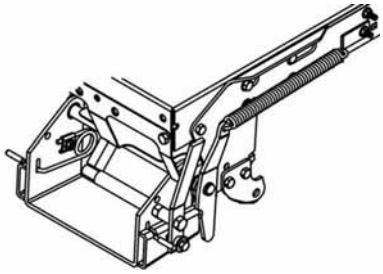
ELECTRIC CHUTE & DEFLECTOR
 # 700308
Allows to turn chute and adjust deflector electrically from driver's seat.



SNOW DRIFT CUTTER
Facilitates and increases snow intake.
 # 700261 for 61173 & 61174
 # 700260 for 61172.
Pkg. of 2



HEAVY DUTY SKID SHOES
 # 700243
For gravel driveways.
Pkg. of 2



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#700336
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