



MODEL NO.: 30731

SET-UP & OPERATOR'S
MANUALSNOW THROWER ADAPTER KIT
- FOR TRACTOR QUICK ATTACH

To assure maximum safety, optimum performance, and to gain knowledge of the product, it is essential that you or any other operator of this equipment read and understand the contents of this manual before the vehicle engine is ever started. Pay particular attention to the **SAFETY INSTRUCTIONS** highlighted by the triangular safety alert symbol.



The safety alert symbol means **CAUTION**, **WARNING**, or **DANGER** — personal safety instruction. Failure to comply with the instruction may result in personal injury.

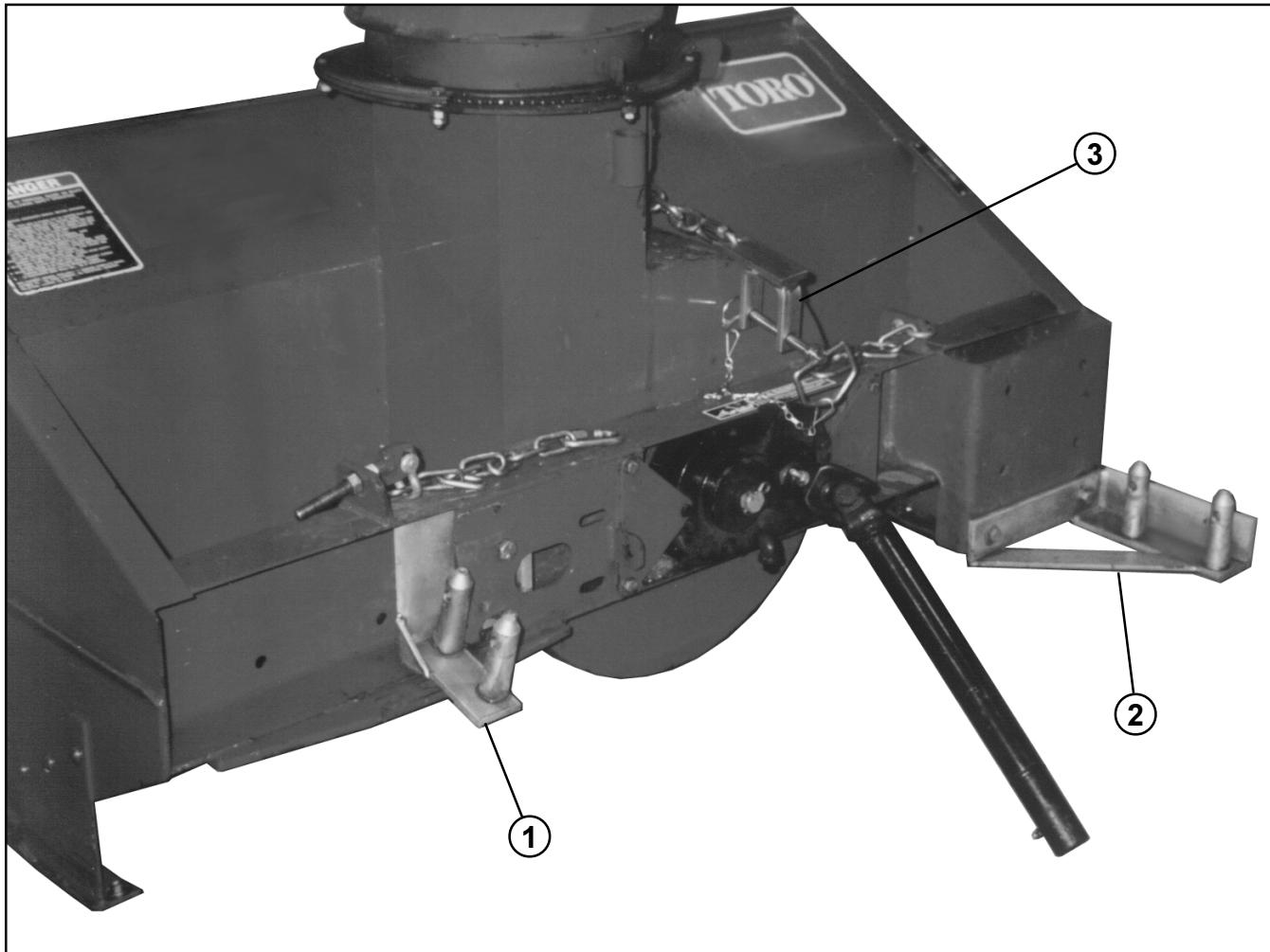
FOREWORD

You have purchased a product from an industry leader in maintenance excellence. Its future performance and dependability are of prime importance. TORO is also concerned about future use of the product and of safety to the user. Therefore, this manual must be read by you and those involved with this equipment to assure that safety, proper set-up, operation and maintenance procedures are followed at all times.

Safety, mechanical and some general information in this manual are emphasized. **DANGER**, **WARNING** and **CAUTION** identify safety messages. Whenever the triangular safety symbol appears, it is followed by a safety message that must be read and understood. For more details concerning safety, read the Safety Instructions.

IMPORTANT identifies special mechanical information and **NOTE** identifies general information worthy of special attention. These instructions are provided as a guide for the safe operation and maintenance of this equipment. However, the operator's personal safety, as well as the persons in the work area, will depend on the careful actions and good judgement of the operator. **To reduce the potential for injury or death, comply with the following safety instructions.**

INSTALLATION



1. Left Implement Bracket
2. Right Implement Bracket

3. Lift Arm Bracket

1. Ensure that the standard TORO right and left ball joint mounts that attach to the implement and push arm ball joints are removed.
2. Attach left implement bracket to slotted holes on left side of Snow Thrower using 1/2" x 2" hex hd cap screws.
3. Attach right implement bracket to bottom holes on right side of Snow Thrower using 1/2" x 1 1/4" hex hd cap screws and locknuts.
4. Replace center lift chain with lift arm bracket and chain.
5. Replace clevises on lift chains with 5/16 quick links.

NOTE: The original PTO shaft that was sent with the Snow Thrower is not long enough to be used with the Snow Blower Adapter Kit.

6. Assemble the supplied PTO shaft together with the cross and yoke from the original Snow Thrower PTO shaft assembly. Secure the assembled PTO shaft to the Snow Thrower.
7. Apply the "Align PTO Shaft" decal (99-6522) to the implement PTO half shaft so that it aligns with the alignment spline on the inside of the PTO shaft and the white mark on the splines (see Tractor Quick Attach Adapter Kit Installation).

OPERATING INSTRUCTIONS

GENERAL

NOTE: The following instructions assume that the SET-UP INSTRUCTIONS for the Tractor Quick Attach Adapter Kit and Implement Adapters has been completed, there are no implements attached, and the tractor push arms are sprung up to their upper most position.

ATTACHING THE SNOW THROWER

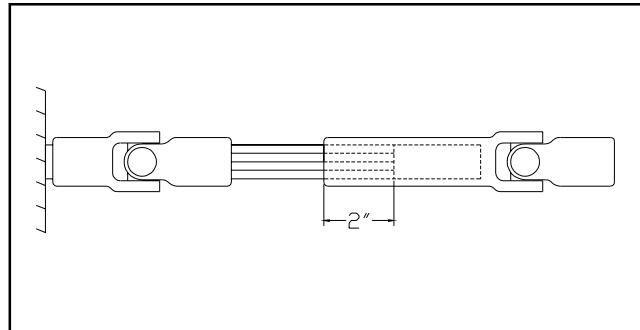
1. Lock the implement lift control in the "float" position and push the end of the lift arm to its lowest position using your hand.
2. Rotate the engagement lock fully rearward so that it stops against the lift arm.
3. Start the tractor and drive up to the Snow Thrower, aligning with the Snow Thrower mounting brackets and stopping approximately 6" away from the Snow Thrower. Using the lift control lower the push arms until the left tractor receiver bracket is approximately two inches above the left implement bracket. The right push arm will also lower, but not quite as far.

The tapered pins on the Snow Thrower should be approximately 6" ahead of, and in line with the tractor receiver brackets. If they are not, back up the tractor and adjust position.

4. Align and insert the tractor PTO splined shaft into the Snow Thrower PTO receiver.

Note that the PTO shafts will only align and insert in one position as indicated by the white mark on the tractor PTO splined shaft and the decal on the Snow Thrower PTO shaft.

IMPORTANT: Ensure 2" of PTO shaft engagement with implement shaft. If not, the implement shaft must be replaced with the appropriate length of shaft available from Toro parts.



WARNING

- Improper PTO operation could result in failure of the PTO drive.
- Failure of the PTO drive could damage the implement, tractor, or result in serious personal injury or death.
- Read the tractor and Implement manuals and be familiar with PTO operation.

The tractor may need to be moved slightly to allow the PTO shafts to be coupled.

5. Either drive or roll the tractor forward until the tractor receiver brackets are aligned over the tapered pins of the implement brackets on the Snow Thrower.
6. Using the lift control, lower the push arms so that the left tractor receiver bracket starts to go down over the tapered pins on the left implement bracket.

Watch that the right tractor receiver bracket is aligned with the tapered pins on the right

implement bracket. If not, the Snow Thrower or tractor should be adjusted until the pins align. Once all the pins are aligned, the push arms can be lowered using the lift control until the left tractor receiver bracket is lowered fully onto the tapered pins.

To lower the right push arm so that the tractor receiver bracket engages fully on the tapered pins, place your foot firmly on the end of the push arm and press down. With pressure on foot, insert the quick pins in the holes at the top of the tapered pins and lock rings in place.

Insert the quick pins in the left tapered pins and lock rings in place.

7. Place lift control in "float" position.

8. Rotate the engagement lock fully forward so that it stops against the lift arm.

IMPORTANT: The engagement lever must be rotated fully forward before operating the tractor or damage to the tractor and/or the Quick Attach could occur.

9. Place lift arm bracket over tractor lift arm and retain with 1/2" x 4" pin.

DETACHING THE SNOW THROWER



DANGER

- The engagement lever must be rotated fully rearward before using the arm lowering or the tractor spring loaded push arms could move in an uncontrolled manner.
- An uncontrolled movement of the spring loaded push arms could result in serious personal injury or death.
- Ensure engagement lever is rotated fully rearward before using arm lowering.

1. Detach the lift arm bracket from the tractor lift arm.

2. With the lift control in the "float" position, push the lift arm down so that the arm lowering engagement lock can be rotated rearward and then rotate the engagement lock fully rearward.

3. With tractor running move the lift control to "lift" position for 2 seconds and then release.

4. Remove the quick pins from the implement brackets.

5. Move the lift control to the "float" position to allow the push arms to raise up.

6. Back the tractor away from the Snow Thrower.