

2018

INSTALLATION GUIDE FOR SR-CANOPY KIT SNOWRATOR

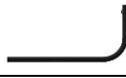
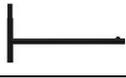
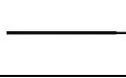
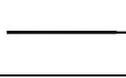


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1.0 SHIPPING CONTENTS

| SR-CANOPY KIT | | | | |
|---------------|-----|-------------|--|---|
| ITEM | QTY | P/N | DESCRIPTION | PICTURE |
| 1 | 1 | 90117 | CANOPY, CAB | SEE BELOW |
| 2 | 1 | SM10252-W | CANOPY HOLDER, LEFT |  |
| 3 | 1 | SM01252-W-R | CANOPY HOLDER, RIGHT |  |
| 4 | 4 | 80750 | QUICK RELEASE PIN W/LANYARD, 1/4 |  |
| 5 | 4 | TRPC-1434S | SCREW, MACHINE, TRUSS - SS, 1/4-20 x 3/4 |  |
| 6 | 4 | FWSS-14 | WASHER, FLAT - SS, 1/4 |  |
| 7 | 4 | SSNNC-14 | NUT, NYLOCK - SS, 1/4 |  |

| 90117 CANOPY, CAB, SR | | | | |
|-----------------------|-----|-----------|----------------------------------|---|
| ITEM | QTY | P/N | DESCRIPTION | PICTURE |
| 1 | 2 | 649-05002 | TUBE ASM-SIDE RAIL BACK, PART A |  |
| 2 | 2 | 649-05003 | TUBE ASM-FRONT SIDE RAIL, PART B |  |
| 3 | 2 | 649-04113 | ARC CENTER BAR, PART C |  |
| 4 | 2 | 749-04896 | ARC END BAR LH & RH, PART D |  |
| 5 | 2 | 749-04897 | POLE-UPRIGHT FRONT, PART F |  |
| 6 | 2 | 649-04114 | POLE-UPRIGHT REAR, PART G |  |
| 7 | 4 | 689-00197 | FLEXIBLE ROD, PART H |  |
| 8 | 1 | 689-00196 | FLEXIBLE ROD-CENTER, PART I |  |
| 9 | 1 | 649-04117 | MOUNTING ROD PART J |  |
| 10 | 1 | 790-00502 | COVER-SNOW CAB |  |
| 11 | 10 | 710-1842A | SET SCREW, 1/4-20 X .38 |  |

2.0 IMPORTANT INFORMATION

2.1 PURPOSE

The purpose of this installation guide is to provide detailed instructions on how to assemble the canopy cab and mount it to your Snowrator with our custom mounting brackets.

2.2 PRODUCT OVERVIEW

The SR-Canopy Kit for the Snowrator is a protective canopy that provides the operator with protection from the harsh winter elements. The kit comes with the canopy cab and mounting brackets to allow installation on your Snowrator. The SR-Canopy Kit has the following features:

- Durable, clear vinyl and heavy-duty, tear-resistant fabric
- Reflective fabric for safety
- Convenient side storage pouch
- Easy installation

Please take the time to verify you have received all the parts in the shipping list.

2.3 MANUAL OVERVIEW

The assembly and installation of the SR-Canopy Kit consists of attaching the mounting brackets to the Snowrator, assembling the Canopy Cab, and mounting the Canopy Cab to the mounting brackets. The Canopy Cab frame has three different assemblies which make up the frame, (2) Side Assemblies, (1) Arch Assembly, and (1) Flexible Rod Assembly. The cover is attached to the frame and then the Canopy Cab is mounted to the SnowRator.

2.4 SAFETY

Use caution when assembling the flexible rods to the Canopy Cab. It is recommended that safety goggles and gloves be worn when assembling and installing this product.

2.5 MAINTENANCE

For cleaning, use mild soap and water.

For storage, remove the quick-release pins and lift unit from canopy brackets.

2.6 RELATED DOCUMENTS

See the following documents for more information.

- Snowrator Owner's Manual

3.0 INSTALLATION INSTRUCTIONS



WARNING



Before Working on This Machine

- Switch Engine to OFF



- Please note that this installation guide is for a **standard machine only**.
- The hose and electrical harness routing may be different depending on the attachments that may already be installed on your machine.
- A SNOWRATOR machine is shown for all assembly photos.
- For any questions please contact us at toll free (877) 482-204 Mon-Fri 8 a.m. to 4:30 p.m.

3.1 TOOLS & EQUIPMENT

| TOOLS | | | |
|-------|-----|------------------------------|---|
| ITEM | QTY | DESCRIPTION | PHOTO |
| 1 | 1 | RATCHET |  |
| 2 | 1 | SOCKETS: 7/16" |  |
| 3 | 1 | ALLEN WRENCH, 1/4 (INCLUDED) |  |
| 4 | 1 | PHILIPS SCREWDRIVER NO. 2 |  |
| 5 | 1 | CABLE TIE CUTTERS |  |

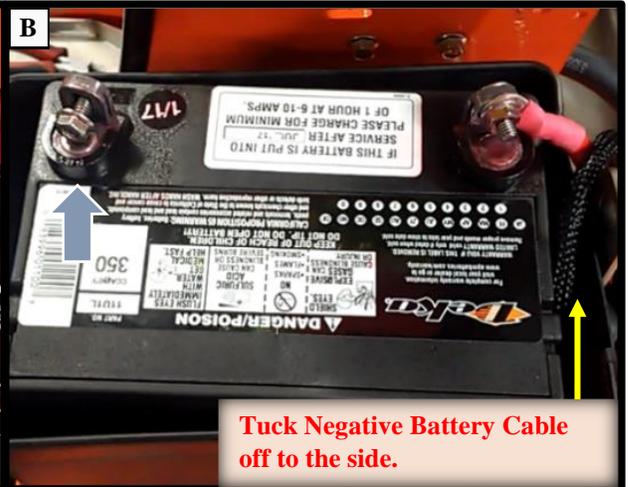
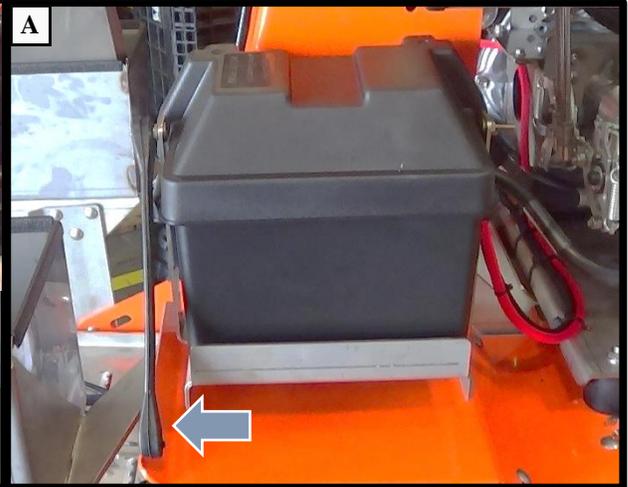
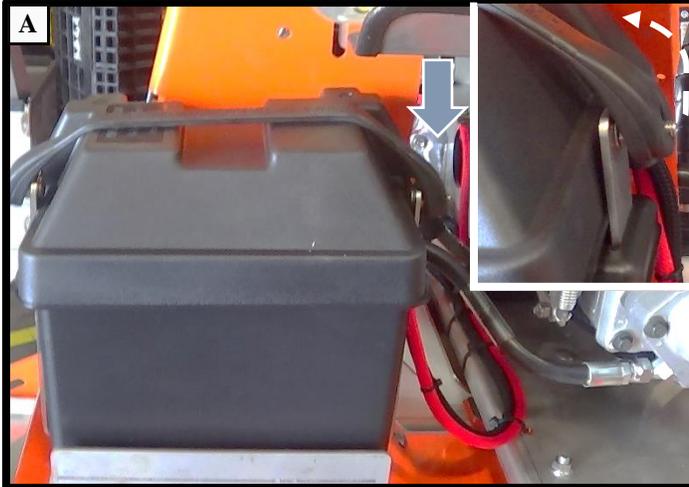
| SAFETY EQUIPMENT | | | |
|------------------|-----|----------------|---|
| ITEM | QTY | DESCRIPTION | PHOTO |
| 1 | 1 | GLOVES |  |
| 2 | 1 | SAFETY GOGGLES |  |

3.2 INSTALL SR-CANOPY KIT

3.2.1 Disconnect the Battery

Tools:
Ratchet with 1/2" Socket

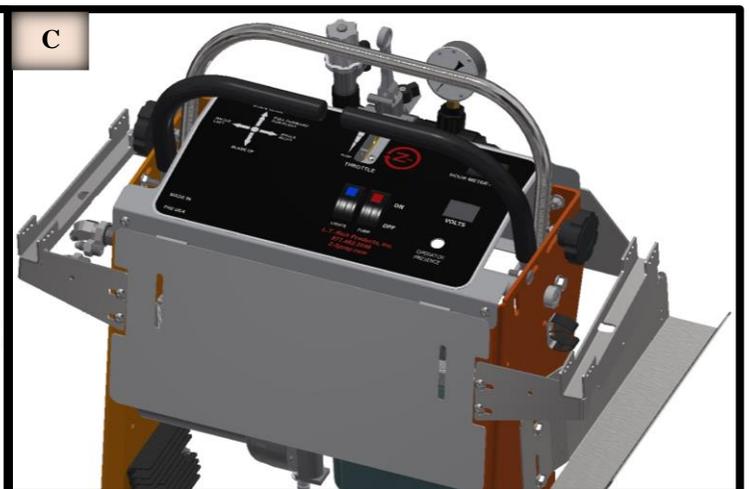
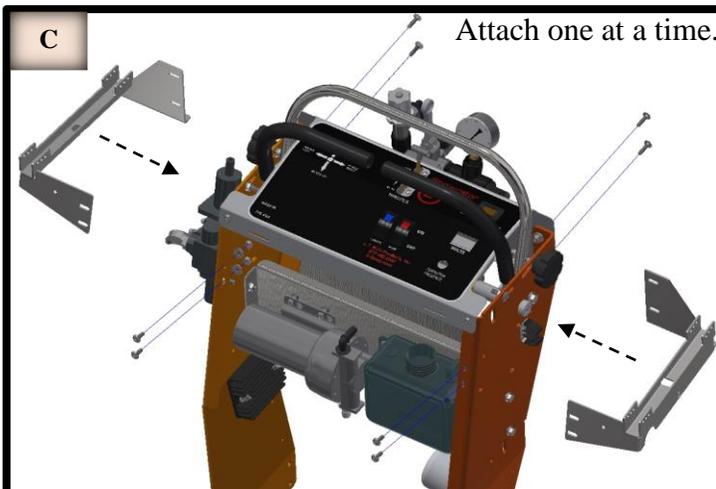
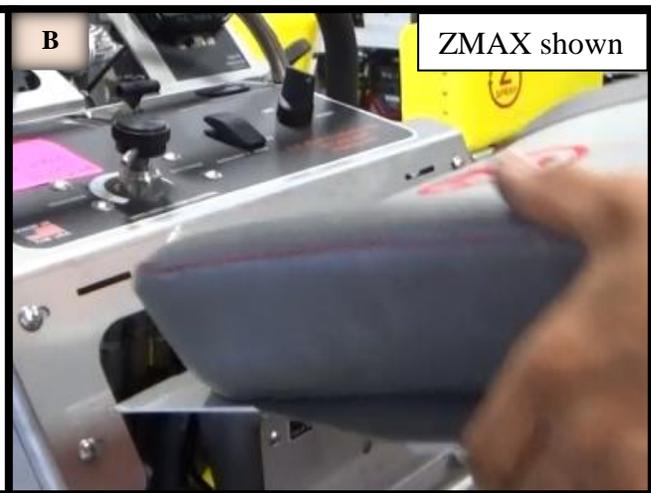
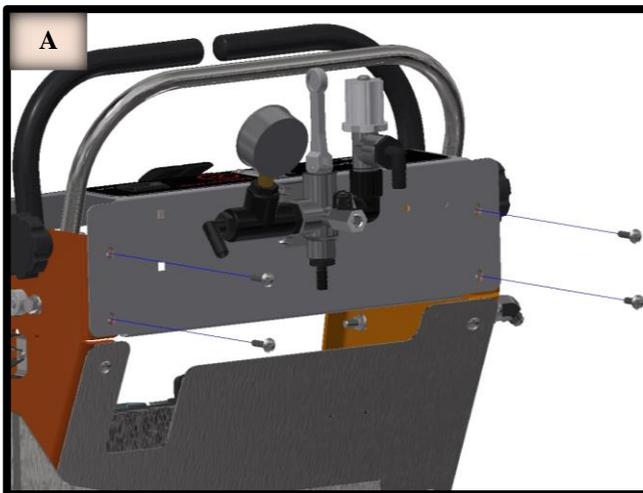
- A. Remove **Battery Cover** by unhooking strap.
- B. Disconnect **Negative Battery Cable** (black).



3.2.1 Attach Canopy Kit Brackets

- A. Remove (4) four screws, washers and nuts from the Main Control Panel at the front of the upright. **Be careful not to drop the fasteners into the machine.**
- B. Remove Knee Pad.
- C. Fasten Canopy Brackets to upright with:
 - (4) 1/4-20 x 3/4" Machine Screws
 - (4) 1/4" Washers
 - (4) 1/4" Nylock Nuts
 - Fasteners from step A.
- D. Attach Knee Pad.

Tools:
 Ratchet with 7/16" Socket
 Phillips Screwdriver

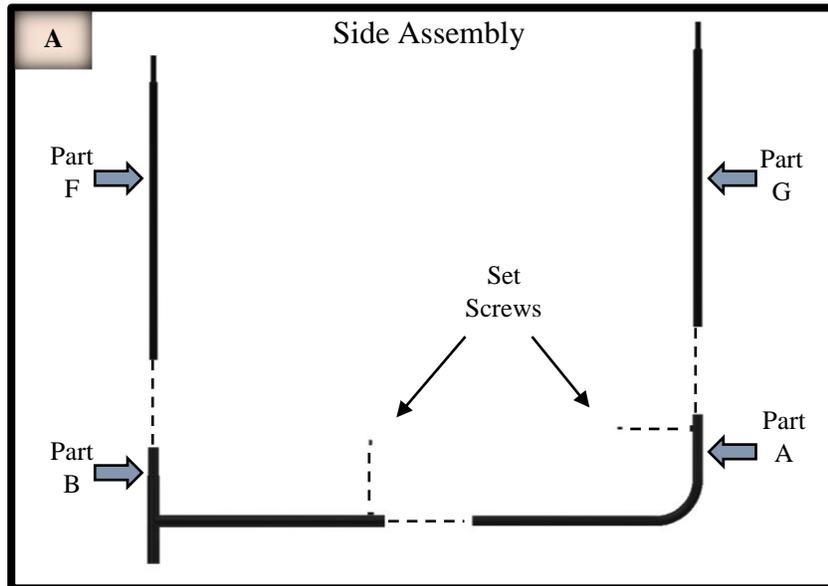


3.2.2 Canopy Frame

A. Side Assembly *****Assemble on flat, stable surface as shown.*****

1. Connect the straight end of Part A into Part B with a Set Screw.
2. Connect Part G to the curved end of Part A with a Set Screw.
3. Insert Part F into Part B.
4. Repeat instructions A1 – A3 for the second Side Assembly.

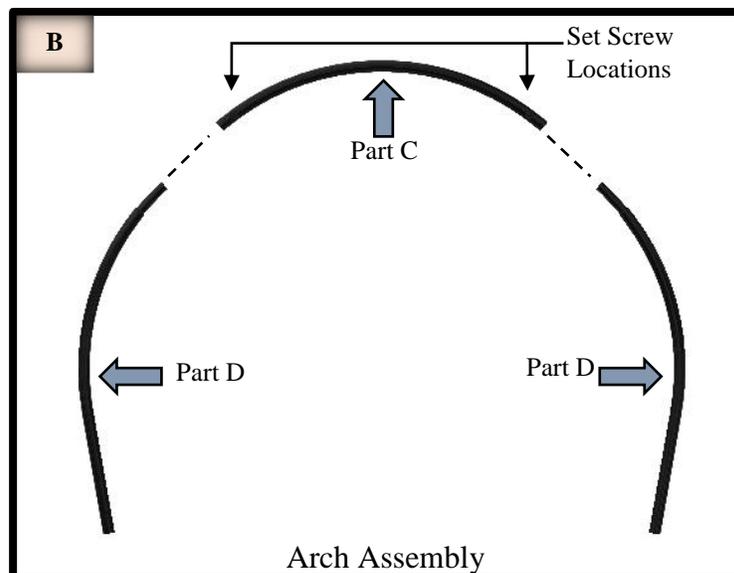
Tools:
Allen Wrench



B. Arch Assembly *****Assemble on flat, stable surface as shown.*****

1. Join (1) Part D to each end of Part C with a Set Screw.

Tools:
Allen Wrench

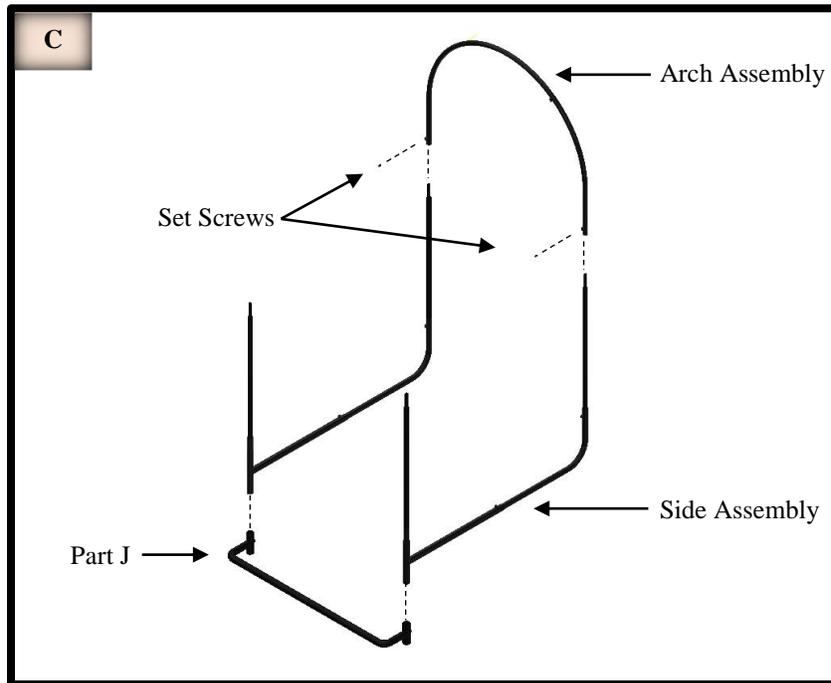


3.2.2 Cont.

C. Assemble Canopy Cab Frame

1. Insert Part B of each Side Assembly in Part J.
2. Connect the Arch Assembly to Part G of each Side Assembly with a Set Screw.
3. Adjust the alignment of any parts if necessary and tighten all set screws.

Tools:
Allen Wrench

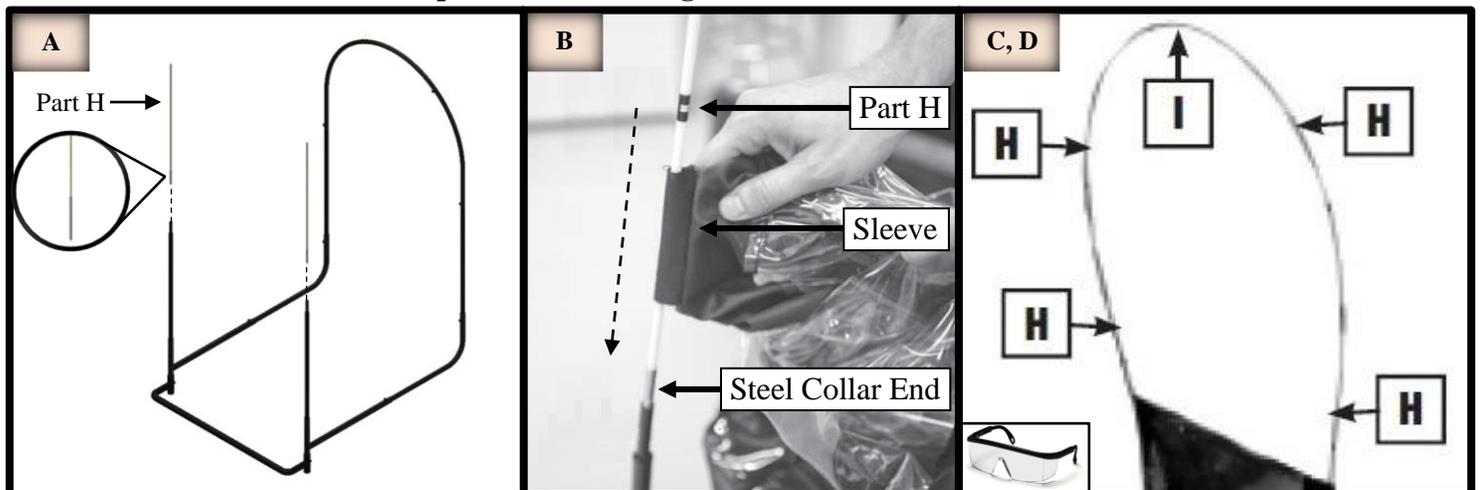


Note: Part J will be removed before attaching to machine.

3.2.3 Attach Cover to Canopy Frame *** Wear Safety Glasses ***

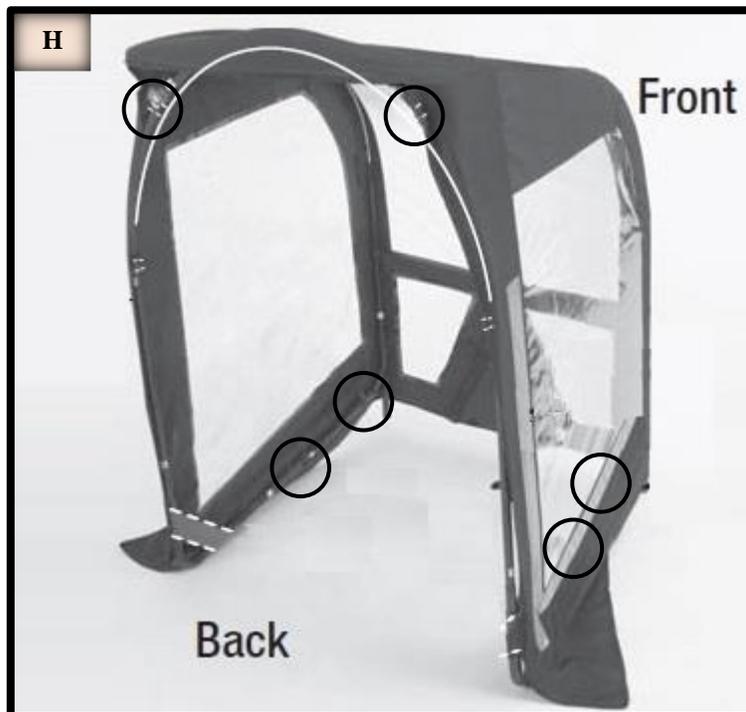


- A. Insert the steel collar end of (1) one Part H into the top of each Part F.
- B. Slide (1) one Part H through each inside sleeve of the cover.
- C. Slide the (2) two remaining Part H rods over top of the previously inserted Part H rods.
- D. Insert the ends of the H rods into the steel collar ends of Part I. **This will require some bending of the rods.**



3.2.3 Cont.

- E. Slide the top of this rod assembly into the large fabric pocket inside the cover.
- F. Pull the cover back and over the Arch Assembly.
- G. Pull downward on the cover and insert the corner of each Part A in the elastic loops.
- H. Fasten all hook-and-loop straps around all bars.
- I. Remove Part J from the Canopy Cab frame (not shown)

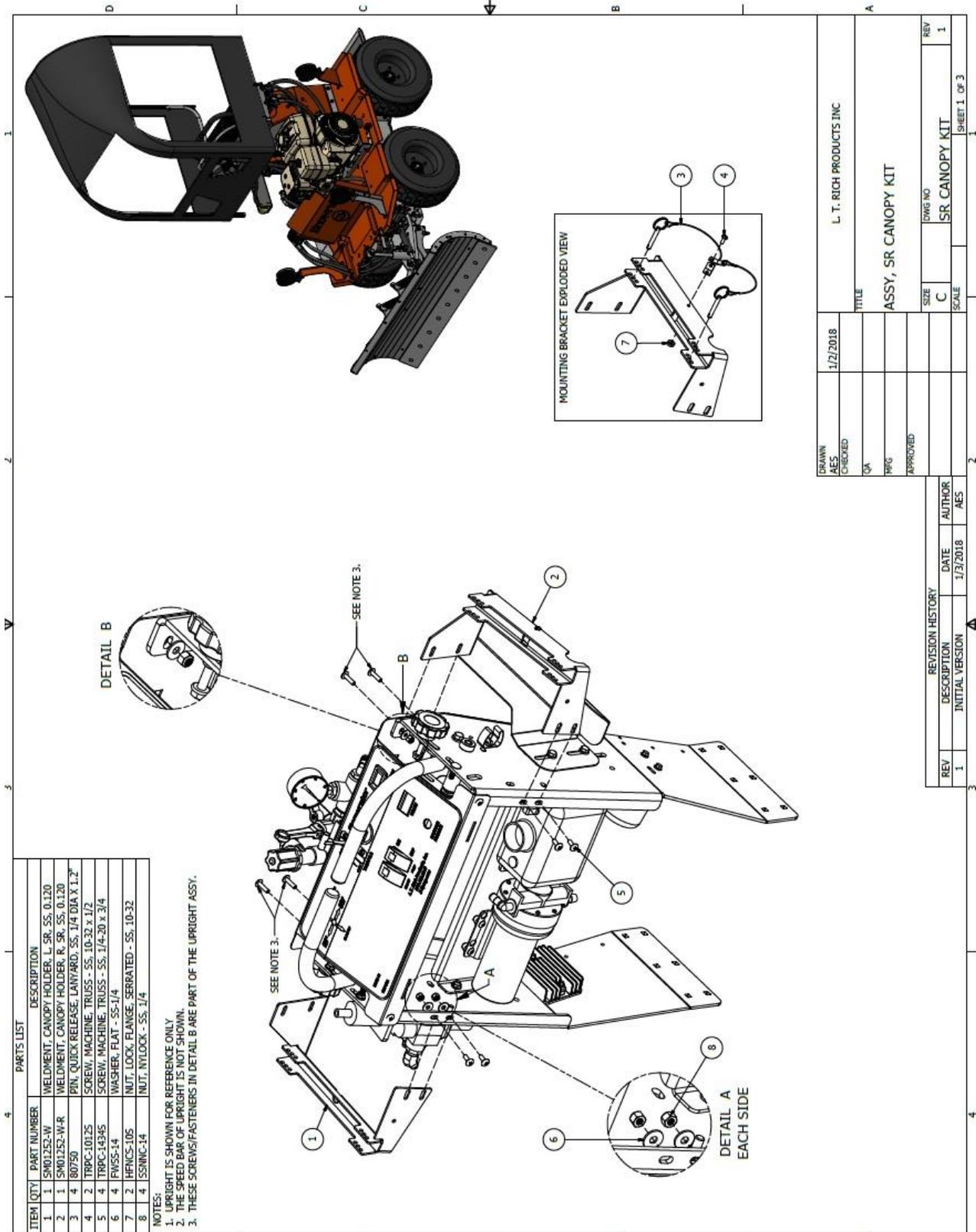


3.2.4 Mount Canopy Cab to Snowrator

- A. Remove all (4) Quick-Release Pins from the Canopy Kit Brackets.
- B. Set Canopy Cab in Canopy Kit Brackets.
- C. Insert all (4) Quick-Release Pins in Canopy Kit Brackets.



4.0 CANOPY KIT BRACKET ASSY DRAWING



DETAIL B

SEE NOTE 3.

SEE NOTE 3.

DETAIL A
EACH SIDE

MOUNTING BRACKET EXPLODED VIEW

| ITEM | QTY | PART NUMBER | DESCRIPTION |
|------|-----|-------------|---|
| 1 | 1 | SH01252-W | WELDMENT, CANOPY HOLDER, L, SR, SS, 0.120 |
| 2 | 1 | SH01252-W-R | WELDMENT, CANOPY HOLDER, R, SR, SS, 0.120 |
| 3 | 4 | 80750 | PIN, QUICK RELEASE, LANYARD, SS, 1/4 DIA X 1.2" |
| 4 | 2 | TRPC-10125 | SCREW, MACHINE, TRUSS - SS, 10-32 x 1/2 |
| 5 | 4 | TRPC-14345 | SCREW, MACHINE, TRUSS - SS, 1/4-20 x 3/4 |
| 6 | 4 | FWSS-14 | WASHER, FLAT - SS-1/4 |
| 7 | 2 | FFNCS-105 | NUT, LOCK, FLANGE, SERRATED - SS, 10-32 |
| 8 | 4 | SSNHC-14 | NUT, NYLOCK - SS, 1/4 |

NOTES:
1. UPRIGHT IS SHOWN FOR REFERENCE ONLY
2. THE SPEED BAR OF UPRIGHT IS NOT SHOWN.
3. THESE SCREWS/FASTENERS IN DETAIL B ARE PART OF THE UPRIGHT ASSY.

| | | | |
|----------|-----------|-------------------------|---------------|
| DRAWN | 1/12/2018 | L. T. RICH PRODUCTS INC | |
| CHECKED | | TITLE | |
| QA | | ASSY, SR CANOPY KIT | |
| TRNG | | SIZE | DWG NO |
| APPROVED | | C | SR CANOPY KIT |
| | | SCALE | SHEET 1 OF 3 |

| REV | DESCRIPTION | DATE | AUTHOR |
|-----|-----------------|----------|--------|
| 1 | INITIAL VERSION | 1/3/2018 | AES |



5.0 CANOPY CAB MFG WARRENTY MANUFACTURER'S LIMITED WARRANTY FOR



The limited warranty set forth below is given by MTD LLC with respect to new merchandise purchased and used in the United States and/or its territories and possessions, and by MTD Products Limited with respect to new merchandise purchased and used in Canada and/or its territories and possessions (either entity respectively, "MTD").

"MTD" warrants this product (excluding its *Normal Wear Parts and Attachments* as described below) against defects in material and workmanship for a period of one (1) year commencing on the date of original purchase and will, at its option, repair or replace, free of charge, any part found to be defective in materials or workmanship. This limited warranty shall only apply if this product has been operated and maintained in accordance with the Operator's Manual furnished with the product, and has not been subject to misuse, abuse, commercial use, neglect, accident, improper maintenance, alteration, vandalism, theft, fire, water, or damage because of other peril or natural disaster. Damage resulting from the installation or use of any part, accessory or attachment not approved by MTD for use with the product(s) covered by this manual will void your warranty as to any resulting damage.

Normal Wear Parts are warranted to be free from defects in material and workmanship for a period of thirty (30) days from the date of purchase. Normal wear parts include, but are not limited to items such as: batteries, belts, blades, blade adapters, tines, grass bags, wheels, rider deck wheels, seats, snow thrower skid shoes, friction wheels, shave plates, auger spiral rubber and tires.

Attachments — MTD warrants attachments for this product against defects in material and workmanship for a period of one (1) year, commencing on the date of the attachment's original purchase or lease. Attachments include, but are not limited to items such as: grass collectors and mulch kits.

HOW TO OBTAIN SERVICE: Warranty service is available, WITH PROOF OF PURCHASE, through your local authorized service dealer. To locate the dealer in your area:

In the U.S.A.

Check your Yellow Pages, or contact MTD LLC at P.O. Box 361131, Cleveland, Ohio 44136-0019, or call 1-800-800-7310, 1-330-220-4683 or log on to our Web site at www.mtdproducts.com.

In Canada

Contact MTD Products Limited, Kitchener, ON N2G 4J1, or call 1-800-668-1238 or log on to our Web site at www.mtdcanada.com.

This limited warranty does **not** provide coverage in the following cases:

- a. Log splitter pumps, valves, and cylinders have a separate one-year warranty.
- b. Routine maintenance items such as lubricants, filters, blade sharpening, tune-ups, brake adjustments, clutch adjustments, deck adjustments, and normal deterioration of the exterior finish due to use or exposure.

- c. Service completed by someone other than an authorized service dealer.
- d. MTD does not extend any warranty for products sold or exported outside of the United States and/or Canada, and their respective possessions and territories, except those sold through MTD's authorized channels of export distribution.
- e. Replacement parts that are not genuine MTD parts.
- f. Transportation charges and service calls.
- g. MTD does not warrant this product for commercial use.

No implied warranty, including any implied warranty of merchantability or fitness for a particular purpose, applies after the applicable period of express written warranty above as to the parts as identified. No other express warranty, whether written or oral, except as mentioned above, given by any person or entity, including a dealer or retailer, with respect to any product, shall bind MTD. During the period of the warranty, the exclusive remedy is repair or replacement of the product as set forth above.

The provisions as set forth in this warranty provide the sole and exclusive remedy arising from the sale. MTD shall not be liable for incidental or consequential loss or damage including, without limitation, expenses incurred for substitute or replacement lawn care services or for rental expenses to temporarily replace a warranted product.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

In no event shall recovery of any kind be greater than the amount of the purchase price of the product sold. **Alteration of safety features of the product shall void this warranty.** You assume the risk and liability for loss, damage, or injury to you and your property and/or to others and their property arising out of the misuse or inability to use the product.

This limited warranty shall not extend to anyone other than the original purchaser or to the person for whom it was purchased as a gift.

HOW STATE LAW RELATES TO THIS WARRANTY: This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

IMPORTANT: Owner may be required to present proof of purchase to obtain warranty coverage.

**MTD LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019; Phone: 1-800-800-7310, 1-330-220-4683
MTD Canada Limited - KITCHENER, ON N2G 4J1; Phone 1-800-668-1238**