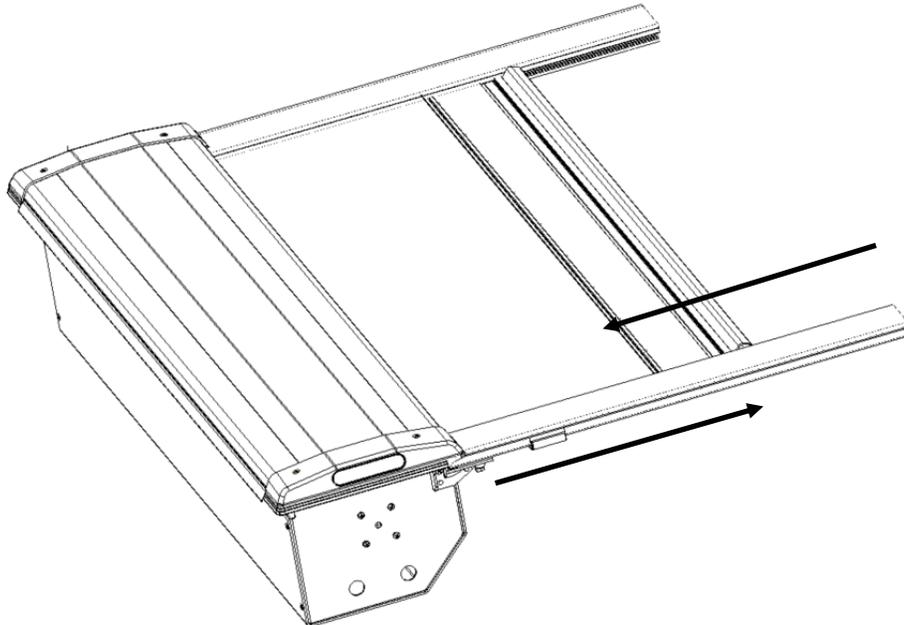


# SWITCHBLADE

SERIES RETRACTABLE TRUCK BED COVERS

## TOYOTA TUNDRA INSTALLATION INSTRUCTIONS



(800) 338-3697 toll free  
(360) 736-9992 fax

[www.pace-edwards.com](http://www.pace-edwards.com)

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SWT4-2302

# TOOLS REQUIRED FOR ASSEMBLY:

7/16" Wrench or Socket  
#2 Phillips Screwdriver

Tape Measure  
Side Cut or Needle Nose Pliers

Utility Knife  
T30 Star Driver

*Note: There should be no drilling into the truck body needed on most standard or full-size trucks.*

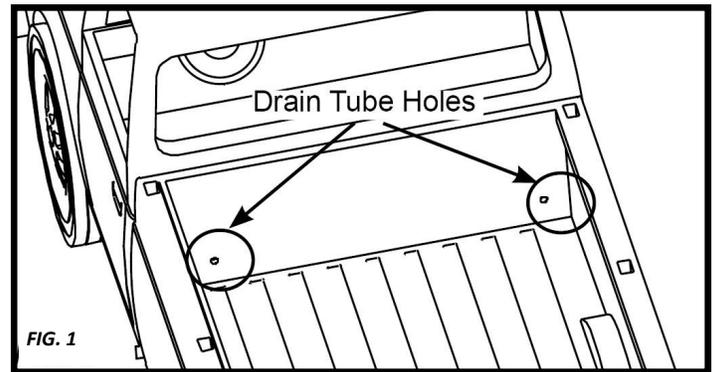
## BEFORE YOU START:

Read the instructions carefully before you start. These instructions are written for one-person installation. We have noted where briefly having an extra person's assistance can make installation easier.

If you have questions regarding the installation of your new retractable tonneau cover, please call our Technical Support Line at (800) 338-3697 Ext #1.

## DRAIN HOLE LOCATIONS:

The Switchblade is designed to carry rainwater from the cover into the canister and then out through the drains. Most truck models have standard OE drain holes or plastic/rubber access ports in the front of the truck bed. Check to make sure your truck has the OE drain holes so that drilling into the sheet metal is not required. If drilling is necessary, be sure to check the underside of the truck bed for the best location. The holes should be located near the side and as far forward as possible. Use a drill bit suitable for sheet metal (such as a taper drill or step drill). Drill drain tube clearance holes at 3/4" (19mm). This will need to be done before installing the cover.



## STEP 1: REMOVE PACKAGING PLYWOOD & HARDWARE

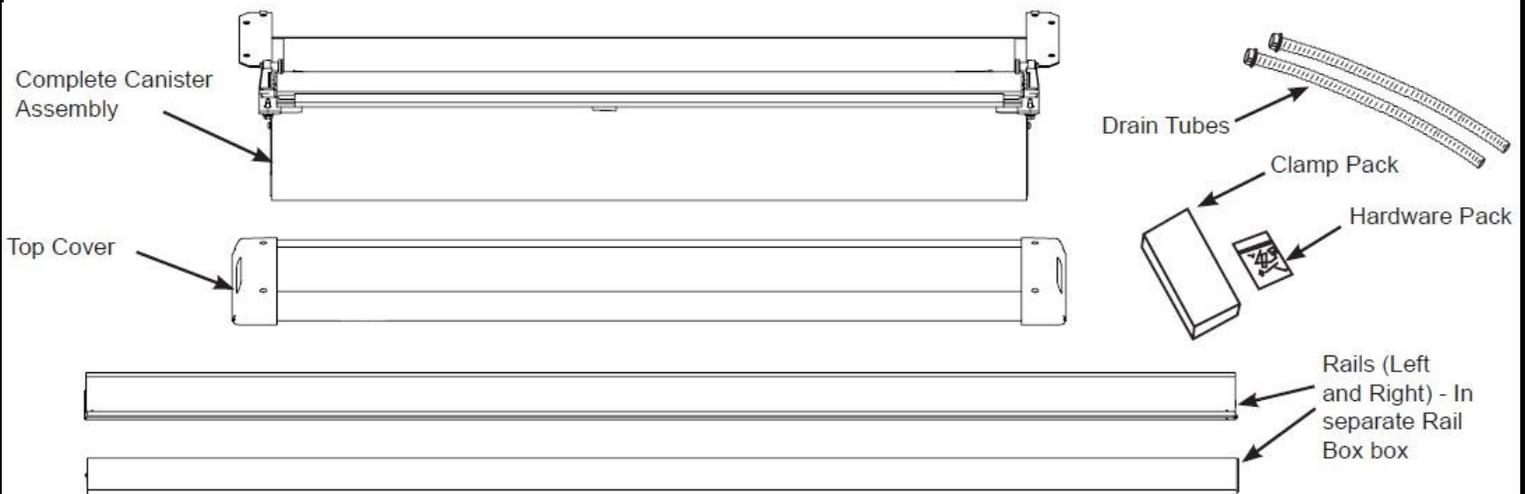
A complete unit will consist of one canister box (marked box 1 of 2) and one rail box (marked box 2 of 2). Remove the Top Cover, Canister, Clamp Pack, Hardware Pack and Drain Tubes from the canister box. Remove the rails from the rail box (see caution below). Perform a quick inventory of the packaging contents to insure all parts are there.

**CAUTION!**

**TO AVOID SCRATCHING THE SURFACE OF THE RAILS, DO NOT SLIDE THEM OUT THE END OF THE BOX. USE PLIERS TO PULL THE STAPLES OUT, AND LIFT THE RAIL OUT ALONG THE LENGTH OF THE BOX. DO NOT USE A KNIFE TO CUT THE BOX OPEN.**

**CAUTION!**

## PACKAGING CONTENTS



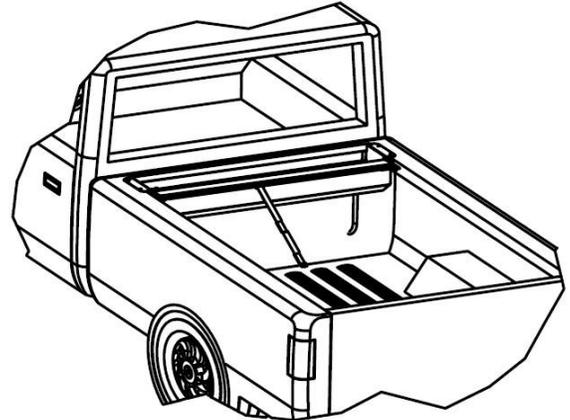
## STEP 2: POSITIONING THE CANISTER

Use a T30 Star Driver to remove the bed's front track.

Use the Pull-strap and one canister flange to lift and steady the unit. Wrap the Pull-strap around the center of the canister a couple of times and double it up in your hand.

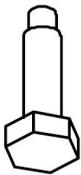


Place the Canister in the truck bed just behind the cab and center it from side to side. Ensuring that the canister is centered in the bed will help assemble the rails to the canister in the next step.



## STEP 3: INSTALLING RAILS

### HARDWARE USED:



1/4-20 x 1"  
RAILBOLT x2



1/4" LOCK WASHER x2



1/4" FLAT WASHER x2

Identify the left and right side rails, the end with the plastic cap will be facing the tailgate.

**REMOVE THE PROTECTIVE PAPER ON THE UNDERSIDE OF THE RAILS. THIS IS FOR PACKAGING PURPOSES ONLY!**

Install the rails by first guiding the Handle Assembly into the open channel of the rail and then sliding the rail against the blanket guide on the canister. Attach the rail to the canister using the rail bolt, lock washer and flat washer through the blanket guide and into the bottom of the rail.

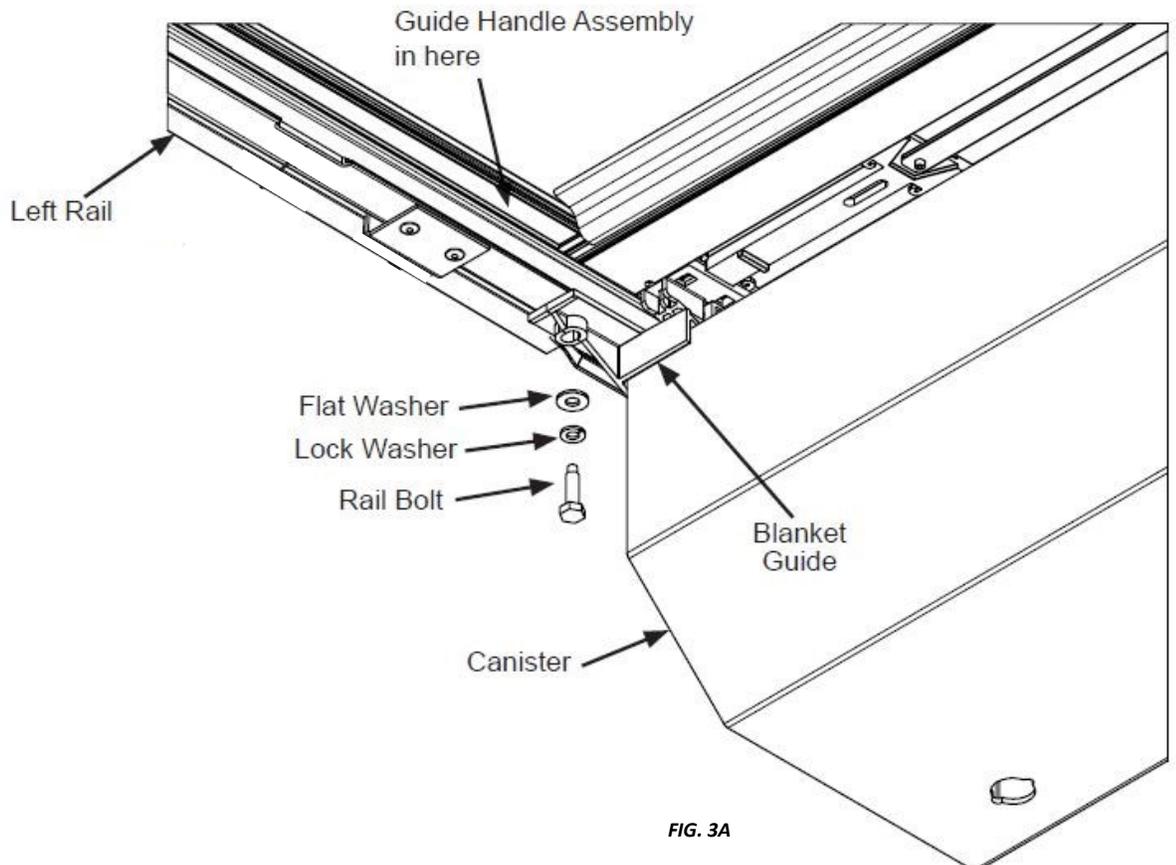


FIG. 3A

# STEP 4: INSTALLING THE CLAMPS

Secure the rails to the truck bed by installing two clamp assemblies per rail. Slide the Clamp Grip onto the Rail at the end of the rail and slide it  $\frac{1}{4}$  inches. Next install the set screw to lock the Clamp grip to the rail with a  $\frac{1}{8}$ " Allen Wrench (FIG 4B). Assemble the rest of the clamp parts as shown (Fig 4D). Before tightening the rail clamps, set the Rail End Caps about  $\frac{1}{16}$ " from the tailgate. This space will allow for overstroke when closing the tailgate.

Tighten your clamp bolts with a  $\frac{7}{16}$ " Nut Driver, while pressing down on the tailgate end of the rail to ensure proper fitment. (FIG. 4C)



**Tighten the Rail Clamps completely but do NOT tighten over 120 inch-pounds!**

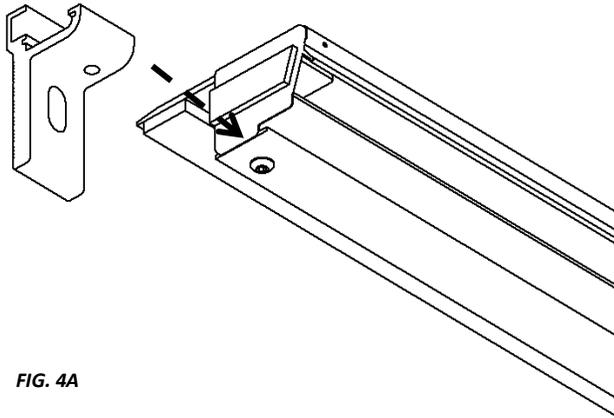


FIG. 4A

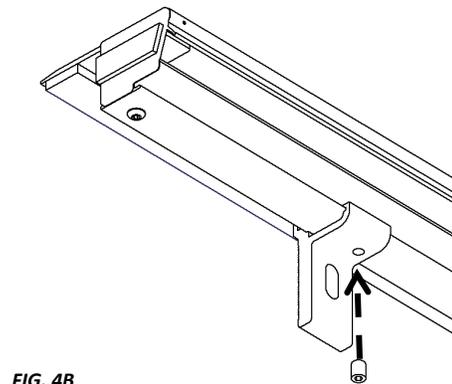


FIG. 4B

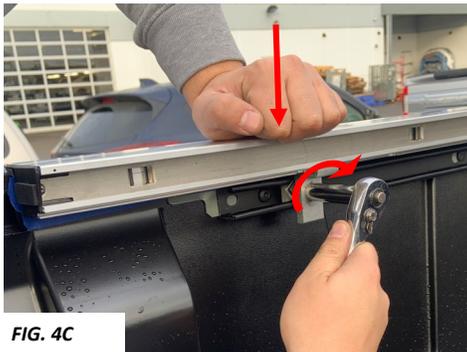


FIG. 4C

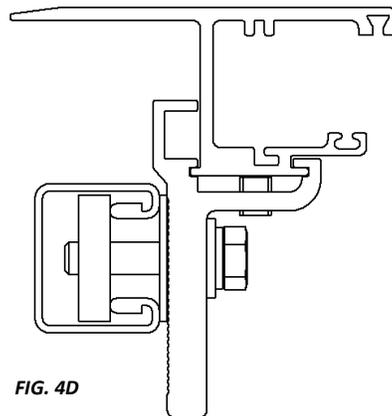


FIG. 4D

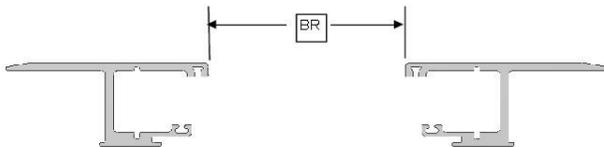


FIG. 4E

Part number is on the serial number label in the upper-left corner of the canister (looking from tailgate).

FIG. 4F

PART NUMBER	BETWEEN THE RAILS (BR)
SW & SM2185	58 13/16
SW & SM2186	58 13/16
SW & SM2187	58 13/16

Finally, check for proper spacing by measuring between the rails at the canister and the tailgate end of the rails (Fig 4A). The measurement should be equal to or less than those in Fig 4B. The Rail Brackets and Shims have been pre-installed to achieve the proper Between the Rail dimensions (BR) when placed on an average factory truck bed. However, not all truck beds are average dimensionally and some have optional plastic caps or over the rail spray-in bedliners

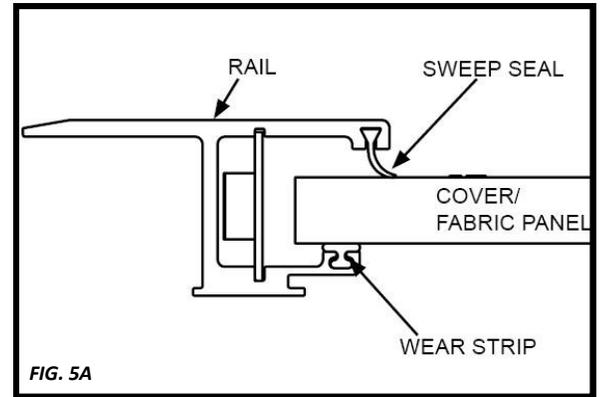
Another way to ensure proper fit is to check the side to side play of the handle assembly at the canister and at the tailgate end of the rails. There should be, at minimum, enough play to allow the cover to move freely with no drag and at a maximum  $\frac{1}{8}$ " per side. More than  $\frac{1}{8}$ " per side may result in the cover opening unintentionally and in severe cases it may fall between the rail tracks and damage the cover.

## STEP 5: LUBRICATING & PLACING THE SWEEP SEALS

Locate the sweep seals (rubber weather strips) on the rails. Use the provided UV protectant to wipe the underside of the sweep seal and the top of the wear strip on each rail. The UV protectant can be found adhered to the underside of the top cover lid or in the hardware pack.

Extend the cover to the tailgate. Use an Allen Wrench if needed to carefully draw out the sweep seal (seal should be angled outwards toward the cover not rolling in toward the bed rail). (FIG. 5A)

Proper care and placement of the sweep seal will ensure smooth operation of the cover. Alcohol, petroleum or silicone based cleaners should be avoided and ARE NOT recommended for our covers.



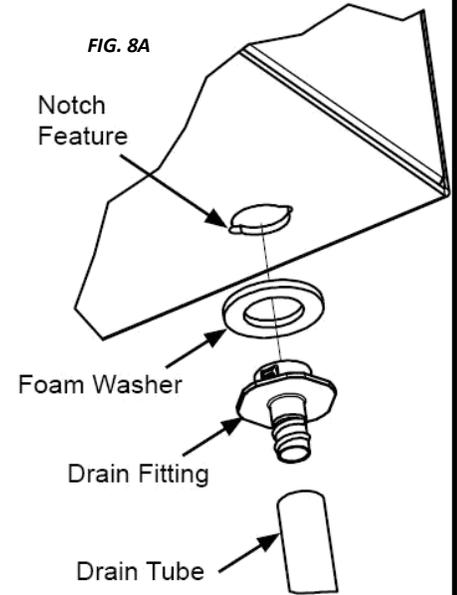
## STEP 6: INSTALLING THE DRAIN TUBES

First, ensure that the Foam Washer is in place on the Drain Fitting as this washer will help prevent water leakage. Next, test fit the drain tube to determine the length you want to trim it. Always caution on the long side. Trim the end that will be inserted through the truck bed using the wire cutters or a utility knife.

With the cover opened, insert the drain tube fittings into the pre-drilled holes on the underside of the canister by pushing them in place from under the canister. Drain Fitting should click into place.

Place the other end of the drain tube through the plastic/rubber access port or through the pre-drilled holes in the floor or the front wall of the truck bed. If routing through the front wall, ensure that the drain tubes are inserted and directed down so the water flows out of the truck bed.

To remove the drain tubes reach under the canister, grab the drain tube fitting and turn it while applying light downward pressure. When the retaining tabs align with the notches in the bottom of the canister the Drain Tube and Fitting will drop out.



## STEP 7: ATTACHING TOP COVER & VELCRO TO PULL-STRAP

### HARDWARE USED:



4" Velcro Strip



Black Top Cover  
Screw x4

Place the Top Cover on the canister and install with the four Black Top Cover Screws through the top cover endcaps and into the panel nuts on the canister flanges.

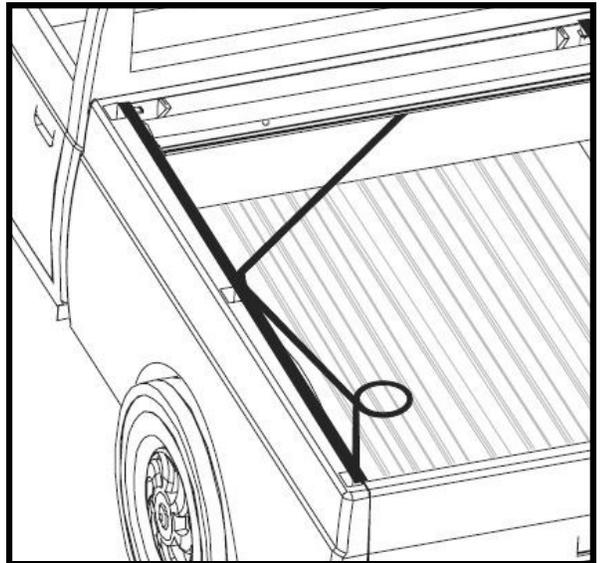
Retract the cover to the fully open position.

Attach the 4" Velcro Strip onto the Velcro already attached to the pull-strap.

Pull the pull-strap over to the driver or passenger side rail and remove the tape from the 4" Velcro Strip.

Then apply the Velcro Strip onto the underside of the rail at your desired position.

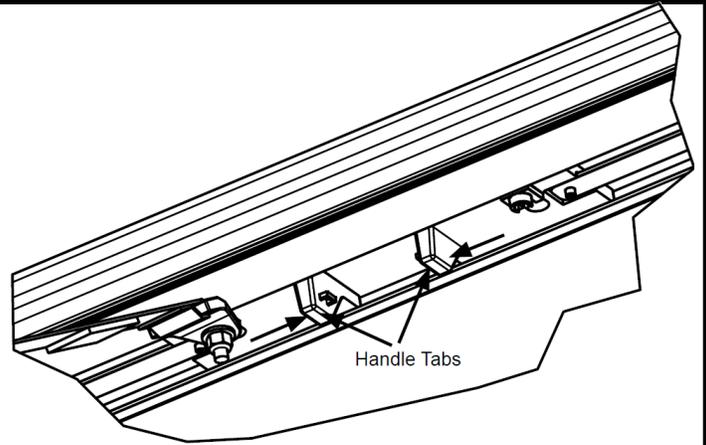
This will hold the pull-strap off of the floor and out of the way when cargo is being stored in the truck bed.



**You have now completed the installation of your Switchblade Series tonneau cover!**  
**If you have any questions, please do not hesitate to call us at (800) 338-3697 Ext 1 to speak with our Technical Service Department.**

# OPERATING INSTRUCTIONS

1. To open the cover, open your tailgate and squeeze (pinch) together the Handle Tabs in the center on the underside of the cover. This retracts the latches and the cover is free to roll open into the canister.
2. To close the cover, pull on the strap to draw it back toward the tailgate. When it is within easy reach, grasp the handle by the hand grip and pull the cover to the latching position against the tailgate.



# HELPFUL MAINTENANCE HINTS

To help keep your Tonneau Cover looking its best, we recommend washing it the same as caring for your truck finish. However, you should not wax your cover. Using a citrus-based vinyl cleaner and UV Protectant will keep your cover looking like new.

To assure quiet, smooth operation, periodically apply a generous amount of UV Protectant to a rag and wipe out the inside of the rails, the underside of the sweep seals, and the top of the wear strips. Repeat as needed until these components are cleaned of debris and well lubricated.

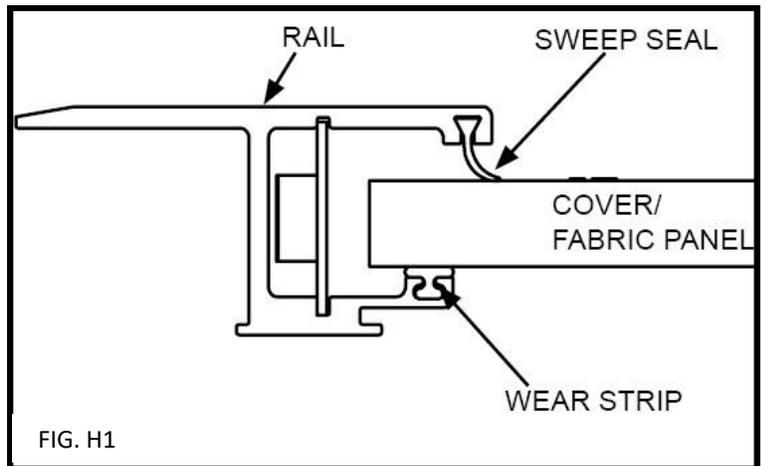


FIG. H1

Ensure proper placement of the sweep seal as shown in step 7. Re-apply protectant/lubricant if the cover begins squeaking or sticking during use.

(FIG. H1)

**Alcohol, petroleum or silicon-based cleaners such as should be avoided and ARE NOT recommended for our covers.**

It is important to open and close the cover regularly. The spring that operates the cover is self-lubricating and regular use assures that it stays in proper working condition.

Periodically remove the Top Cover and clean out the inside of the canister.

Drain tubes may become clogged overtime and should be removed and cleaned. To remove the Drain Tubes reach under the canister, grab the Drain Tube Fitting and turn it while applying light downward pressure. When the retaining tabs align with notches in the bottom of the canister the Drain Tube and Fitting will drop out.

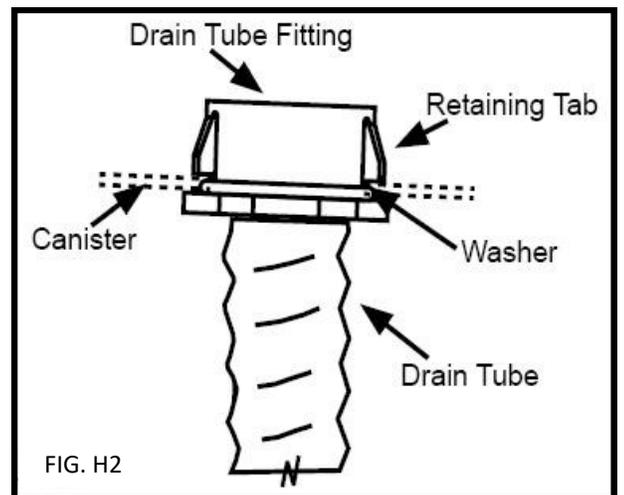


FIG. H2

**ULTRAGROOVE™ METAL  
FULL-METAL™ JACKRABBIT®  
FULL-METAL JACKRABBIT MATTE  
ULTIMATE LIFETIME WARRANTY**

*This limited lifetime warranty covers: Failure of materials and workmanship. Warranty replacement will be issued at no cost for the life of the cover to the original owner on original vehicle – nontransferable.*

- Separation of the UltraGroove Metal/Full Metal JackRabbit/Full Metal JackRabbit Matte deck panels
- All lock assemblies
- All hardware and components

**ULTRAGROOVE ELECTRIC  
BEDLOCKER®/BEDLOCKER MATTE**

*For a period of seven (7) years from the date of purchase the Pace - Edwards electric retractable cover has the following limited warranty:*

- Failure of materials and workmanship
- Separation of the UltraGroove Electric/BedLocker/BedLocker Matte deck panels
- Failure of the UltraGroove Electric/BedLocker/BedLocker Matte drive system and electrical components
- All hardware and components
- Warranty will be prorated after five (5) years

**ULTRAGROOVE  
JACKRABBIT/JACKRABBIT MATTE**

*For a period of five (5) years from the date of purchase, the cover will have the following limited warranty:*

- Delamination of the ArmorTek deck
- Failure of the Continuous Tension Spring
- All lock assemblies
- All hardware and components

**SWITCHBLADE™/SWITCHBLADE METAL**

*For a period of two (2) years, the cover will have the following limited warranty:*

- Delamination of the ArmorTek deck material
- Failure of the Continuous Tension Spring
- All hardware and components

**EXCLUSIONS (ALL MODELS):**

- Normal wear and tear over the life of the Pace Edwards cover (including fading or discoloration)
- Water intrusion at any location or any damage caused as a result
- Additional installed parts and accessories
- Acts of nature such as tornadoes or hurricanes, or other external causes

**ITEMS WHICH WILL VOID WARRANTY:**

- Use of lubrication other than prescribed in owners/ installation manual
- Misuse, negligence, or accident
- Improper installation of product
- Failure to adequately secure cargo to prevent damage to the Pace Edwards cover
- Installation of parts or accessory which may interfere with the Pace Edwards cover without written permission of Pace Edwards
- Additional installed parts and accessories
- Acts of nature such as tornadoes or hurricanes, or other external causes

**CONDITIONS AND LIMITATIONS:**

- Any part of the Pace Edwards retractable cover found to be defective under the terms of the warranty will be repaired or replaced, at the discretion of Pace Edwards.
- Pace Edwards will have the final decision if the part in question is defective.
- Pace Edwards has no responsibility with regards to installation by its dealers or agents.
- Pace Edwards does not, under any circumstances, assume response ability for loss of item, revenue, inconvenience, or other consequential damage including, but not limited to, expenses for telephone, food, lodging, travel, loss, or damage to the vehicle the cover is installed upon, or loss or damage to personal property of the purchaser or user of the product.
- Pace Edwards will not accept any responsibility to any purchaser for warranty expressed or implied by any of its dealers, distributors, or agents.
- Pace Edwards reserves the right to make changes in the design of, improvements to, or warranty of its products without imposing any obligation for any products manufactured.
- Under no circumstances will Pace Edwards be liable for special, indirect, incidental, or consequential damages incurred in connection with any Pace Edwards retractable cover or its accessories.

Effective February 20, 2023



**WARRANTY REGISTRATION:** Please return this form within 14 days of purchase to:  
**PACE-EDWARDS** • Attn: Warranty Dept. • 2400 Commercial Blvd. • Centralia, WA 98531  
OR register online at [www.pace-edwards.com](http://www.pace-edwards.com)

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Vehicle Year \_\_\_\_\_ Make \_\_\_\_\_ Model \_\_\_\_\_

Model Number \_\_\_\_\_ Serial Number \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_

Date of Purchase \_\_\_\_\_ Purchased From \_\_\_\_\_ Price Paid \_\_\_\_\_

Customer Signature \_\_\_\_\_