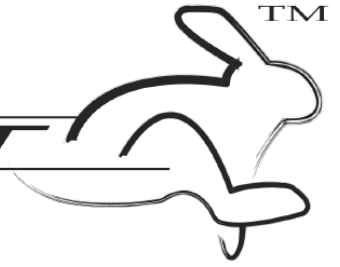


JACK RABBIT™



RETRACTABLE HARD TONNEAU COVER

INSTALLATION INSTRUCTIONS



JackRabbit® shown on 2002 Toyota Tundra



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TOOLS REQUIRED FOR ASSEMBLY:

7/16" wrench or socket
5/16" wrench or socket
7/8" socket, ratchet
3/32" Allen wrench
#2 Philips screwdriver
Wire cutters

Pliers for spring clip
Tape measure
Threadlocking adhesive (such as Henkel's *Loctite*®)
Petroleum-based lubricant

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 in a couple of places where briefly having an extra person's assistance can make installation that much easier. If you have questions regarding the installation of your new JackRabbit® retractable tonneau cover, please call our Technical Support Line at (800) 338-3697 or visit our web site at www.paceedwards.com.

DRAIN HOLE LOCATIONS:

The JackRabbit® is designed to carry rainwater from the fabric 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 5/8" (16mm). This will need to be done before installing the cover.

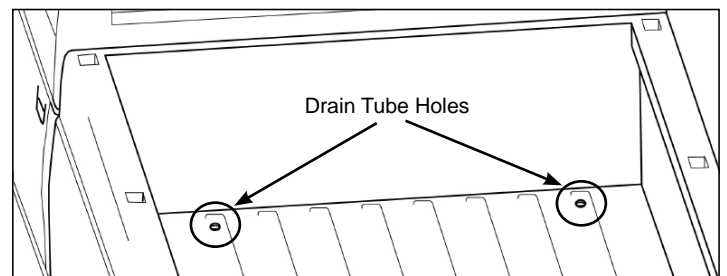
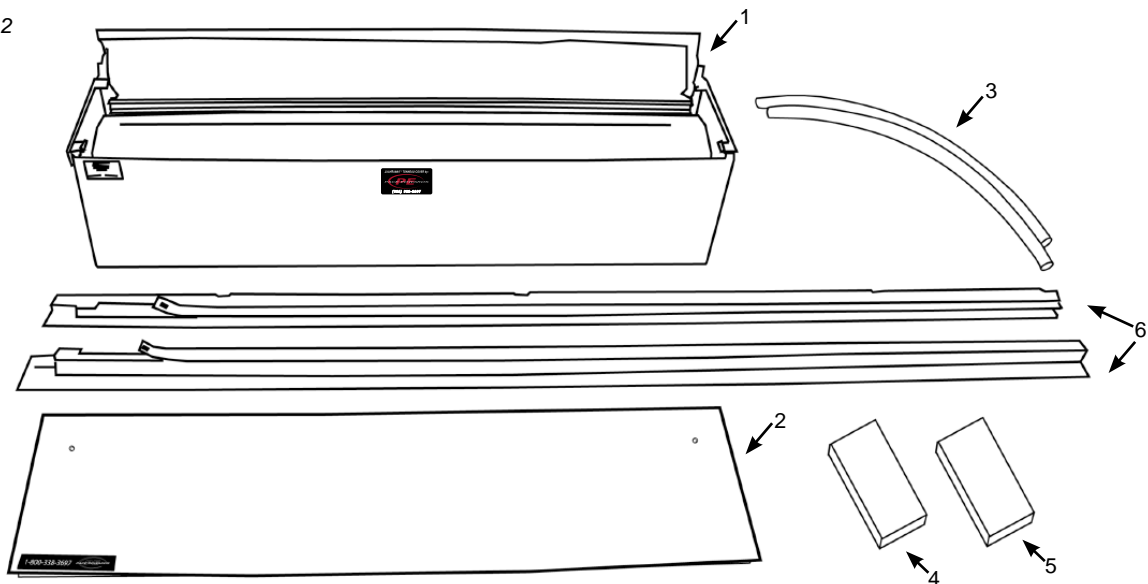


FIG. 1

PACKAGING CONTENTS:

FIG. 2



CONTENTS IN CANISTER BOX

1. Complete Canister Assembly
2. Top Cover
3. Drain Tubes
4. Clamp Pack
5. Hardware Pack

CONTENTS IN RAIL BOX

6. Rails (left & right)

HARDWARE KITS SUPPLIED WITH UNIT:

FIG. 3

STEP 2			STEP 4		STEP 5		
Weld Nuts x 2	Top Cover Mounting Block Screw x 4	Top Cover Mounting Block x 2	Rail Stop (Left & Right)		Clamp Shim Assembly x 2	Plastic Shim x 8	Rail Clamp x 4
STEP 6			STEP 7				
Rail Stop Bolt (1/4-20 x 3/4") x 2	3/16 Flat Washer x 2	1/4" Lock Washer x 2	1/4-20 x 5/8" Hex Bolt x 1	1/4" Flat Washer x 2	Pull Strap Screw (8-32 x 3/4") x 1	Pull Strap x 1	
STEP 8			Handle Stops x 2	Handle Stop Screw (8-32 x 3/4" pan head) x 4			
Drain Tube Fitting Clamp x 2	Drain Tube Fitting x 2		Lock Cylinder x 1	Lock Cylinder Nut x 1	Lock Cylinder Screw & Spider Nut x 1	Lock Tab x 1	Lock Keys
STEP 9			Lock Link Block x 1	Lock Link Block Screw (8-32 x 3/4" flat head) x 2	Hand Grip x 1		
4" Velcro Strip	Black Top Cover Screw x 2						

STEP 1: POSITIONING CANISTER

Remove the top cover from the canister box and set it aside for later installation. Perform a quick inventory to insure all parts are there. Be sure to check inside the small cardboard box for parts. You will need one or two support pieces (e.g., a block, stool, milk crate or even a toolbox) to set in the truck bed approximately one foot from the cab that will go under the canister, raising the top of the canister above the bed rails by 2-3 inches. Remove the Canister from the box and set on the support(s). The canister should be resting on the support(s), centered in the truck bed.

Note: If you have another person to help steady the canister, it is a little easier to mount the top cover mounting blocks (described in Step 2) and install the rails (described in Step 3) before positioning the canister in the truck bed.

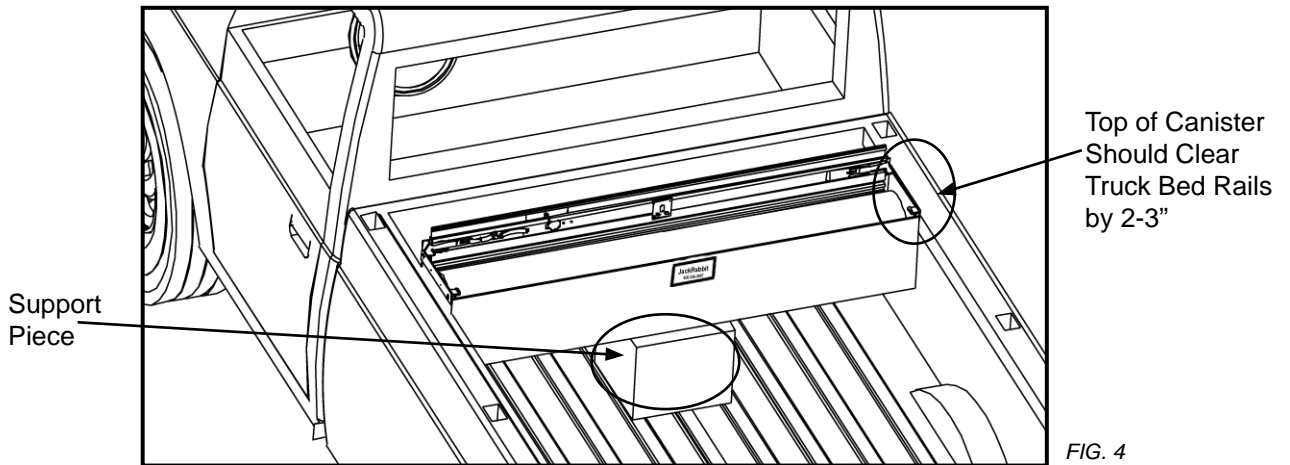
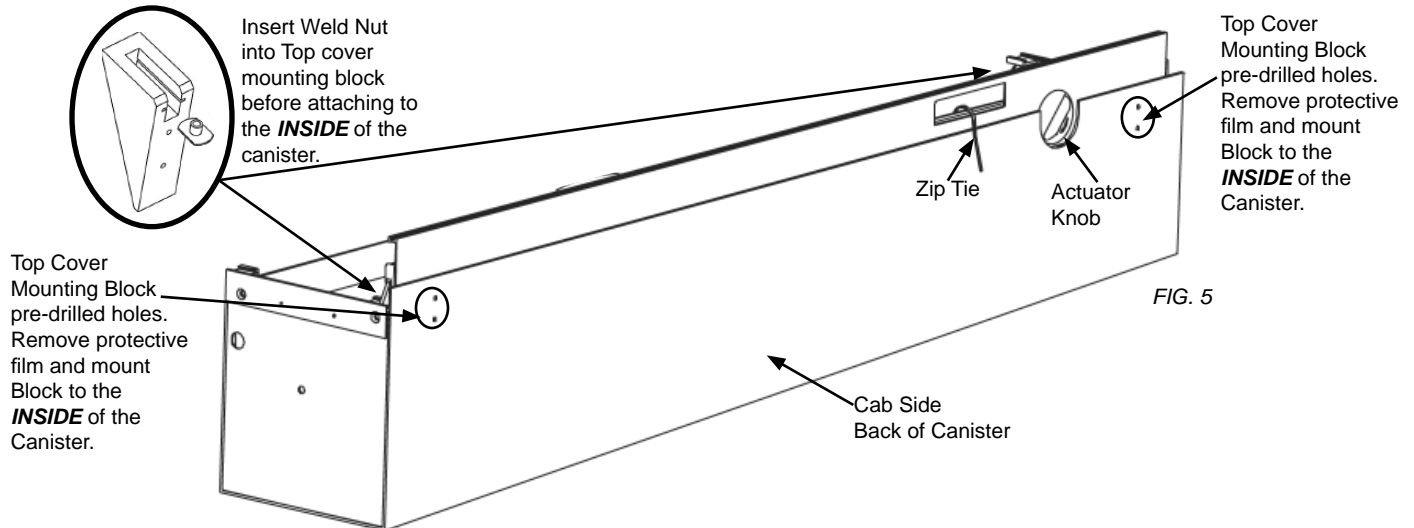


FIG. 4

STEP 2: REMOVING PACKAGING AND INSTALLING TOP COVER MOUNTING BLOCKS

CAUTION! PERMANENT DAMAGE MAY BE CAUSED IF THE HANDLE ASSEMBLY IS ALLOWED TO RETRACT INTO THE CANISTER WITHOUT PROTECTION ON THE UNDERSIDE OF THE FABRIC PANEL!

Cut the zip tie on the handle that holds it in place. Turn the actuator knob on the handle and **SLOWLY** allow the cover to roll into the canister. **Do not remove foam covering from under the fabric panel.** Insert the weld nuts into the Top Cover mounting blocks. Remove the protective film from the inside back of the canister. Install the top cover mounting blocks with weld nuts installed to the **INSIDE** back of the canister using the top cover mounting block screws in the pre-drilled holes.

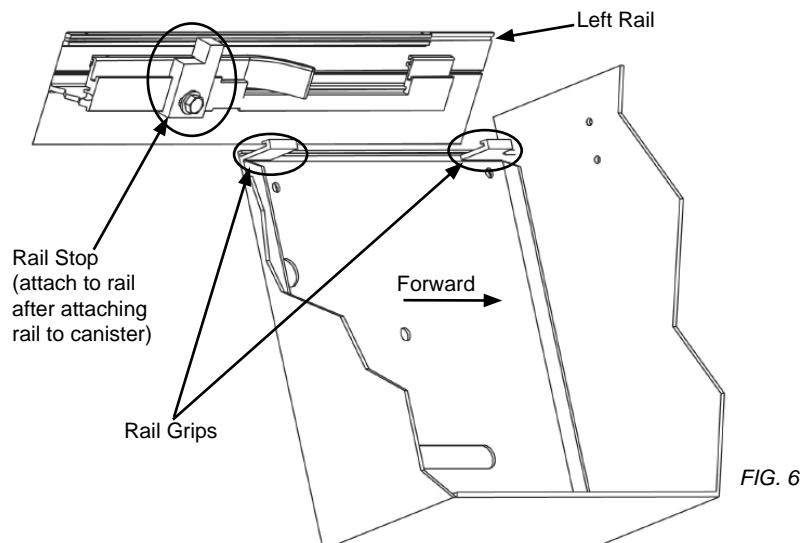


****If you have purchased the optional canister cargo light install it at this point.***

CAUTION! DO NOT USE A KNIFE TO OPEN THE RAIL BOX. OPEN THE RAIL BOX ALONG THE LENGTH OF THE BOX AND LIFT RAILS OUT TO AVOID SCRATCHING THE SURFACE OF THE RAILS ON THE PACKAGE STAPLES.

STEP 3: INSTALLING RAILS

Open the rail box along the length of the box; lift rails out to avoid scratching the rail surface on the package staples. Install the rails by dropping them down into the rail grips that are attached on the inside of the canister, then slide them forward, making sure that both ends of the rail grip are engaged.



STEP 4: REPOSITIONING CANISTER

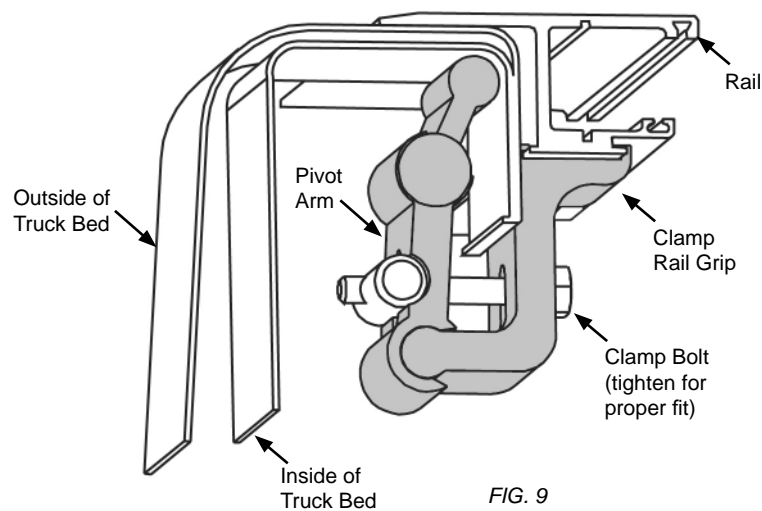
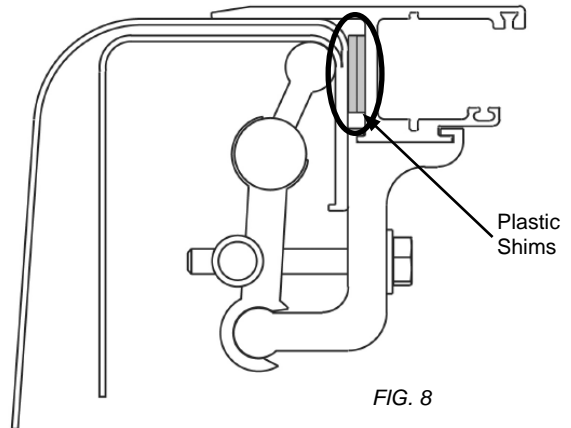
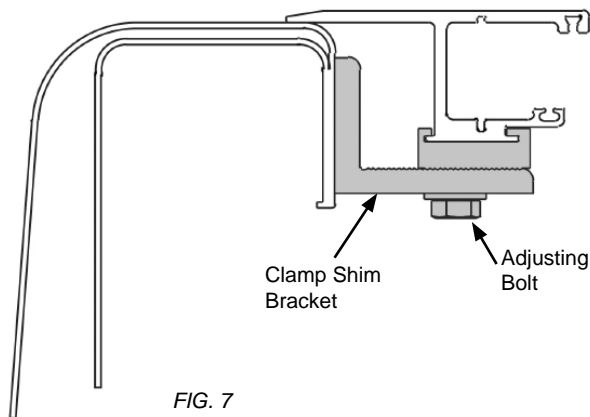
Slide canister and rail assembly against the cab side of the bed and remove the support(s) under the canister so that the canister and rails rest firmly on the sides of the truck bed. Remove the screw on the underside of each rail at the tailgate end. Set them aside to be reinstalled later. Slide the rail stops on the rail up to the canister. (Figure 6)

STEP 5: INSTALLING CLAMPS

Not all truck beds are square. Shims may be required to keep the rails parallel and from bowing out when the clamps are tightened. If there is a space greater than $\frac{3}{8}$ " at the cab end of the rails (in between the rail and the truck bed), then slide the clamp shims down the rails 6-12" from the rail stops (installed in Step 4). Loosen the bolt on the clamp shim and slide the bracket up against the truck bed. Then tighten the bolt so the shim is held tight in place (Figure 7). If there is less than $\frac{3}{8}$ ", the clamp shim is not needed. Insert plastic shim(s) if necessary when proceeding with installing the clamps (Figure 8). Add plastic shims to equalize the distance between rails at front and rear.

Slide the front clamp rail grips 6-12" inches from the rail stop, or if the clamp shim was installed, 1" from the shim on both the left and right side rails. (**Note: Clamp rail grip for Dodge Ram is $\frac{3}{4}$ " longer in the front than the rear.**) Slide rear clamps 6-12" from the tailgate on both the left and right rails. Install the tailgate end of the pull strap (smaller hole) to the underside of the left hand rail using the #8-32 x $\frac{3}{4}$ " screw where you previously removed the other screw. Reinstall the screw located on the underside of the right hand rail at the tailgate end that was previously removed.

Assemble the pivot arms to the clamp rail grips and snug the bolts on the clamps so that the rails rest firmly against the truck bed. (Figure 9) Center the canister in the truck bed. Close the tailgate and slide the rails forward $\frac{1}{16}$ " from the tailgate. Measure the distance between the rails at the canister and tailgate. This distance should be the same to allow your cover to operate properly. Once everything is square tighten the clamps completely.



STEP 6: FINAL CANISTER POSITIONING

Slide canister toward cab, leaving a gap **no more than 1/2"** between the back of the canister and the end of the rail. Slide the canister as close to the cab end of the truck bed as possible, allowing **no less than 1/8"** gap between canister wall and the bed wall. This 1/8" space allows the top cover leg to slide in later. Position the rail stops snug up against the canister. Then use the 1/4"-20x3/4" hex bolt, 3/16" flat washer and 1/4" lock washer to tighten the rail stops in place, utilizing the existing threaded hole on the underside of the rail.

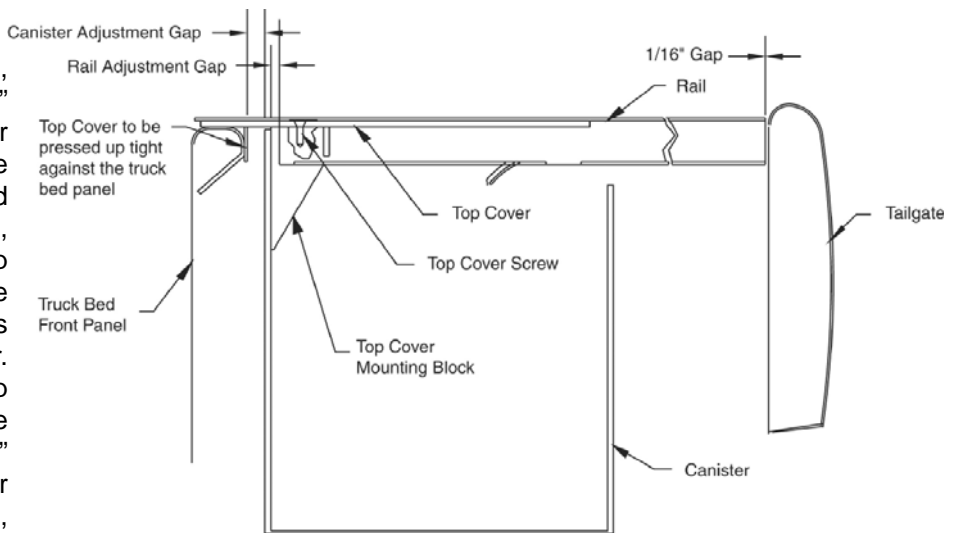


FIG. 10

STEP 7: ASSEMBLING PULL STRAP AND HANDLE

Locate the sweep seals (rubber weather strips) on the rails. Apply Pace Edwards' UV Protectant (or suitable lubricant) to a rag and wipe the underside of the sweep seal. Roll the handle down into the ends of the rails and down to the tailgate. Remove the protective foam cover from the underside of the fabric panel. Install 1/4-20 x 5/8" hex bolt, 1/4" flat washer and handle end of pull strap into the center block on the handle (we recommend that you use a threadlocking adhesive such as Loctite® on the pull strap bolt). As instructed in Step 5 the tailgate end of the pull strap should be fastened to the underside of the left hand rail using a #8-32 x 3/4" pan head screw.

Install the handle stops onto the underside of the handle using #8-32x3/4" pan head screws and insert the lock cylinder into the lock hole on the handle. Tighten the lock cylinder nut using a 7/8" socket wrench. Install the lock tab onto the lock cylinder with the lock cylinder screw and 1/4" spider lock washer so the tab points to the passenger side of the truck. Next, install the lock link block under the handle with (2 ea) #8-32x3/4" flat head screws.

Insert the handgrip into the handle cutout so that the angled side is towards the truck cab then pull back to snap the handle into place. Open the cover all the way. Apply some Pace Edwards' UV Protectant or petroleum-based lubricant to the sweep seal and guide strip using an Allen wrench to carefully draw out the seal (seal should be angled outwards toward the cover – not rolled in toward the bed rail). Proper care and placement of the sweep seal will ensure smooth operation of the cover.

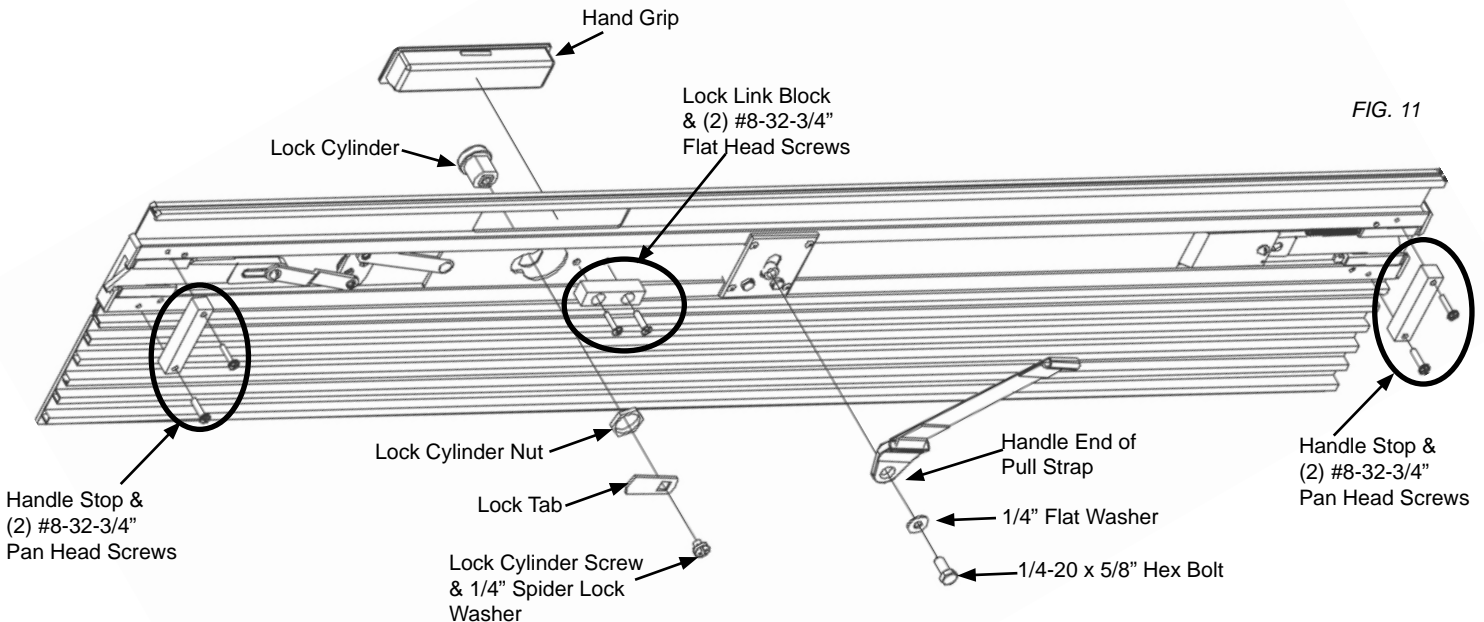


FIG. 11

STEP 8: INSTALLING DRAIN TUBES

With the cover *closed*, insert the drain tube fittings into the pre-drilled holes on the underside of the canister by popping them in place from the inside of the canister. With the cover *open*, place the drain tubes onto the tube fittings. Attach the drain tube fitting clamp over the hose and fitting. Place the other end of the drain tube through your grommet in the truck bed or through the pre-drilled holes in the floor on the front wall of your bed.

STEP 9: ATTACHING TOP COVER AND VELCRO TO PULL STRAP

Place the top cover on the canister with the longer leg between the cab end of the truck bed and the cab end of the canister, leaving the shorter leg on the inside of the canister. Fasten the top cover onto the canister with the two black top cover screws (we recommend that you use a threadlocking adhesive like Loctite® on the screws) going into the top cover mounting blocks. Retract the cover to the fully open position. Attach the 4" Velcro strip onto the Velcro strip already attached to the pull strap. Pull the pull strap over to the driver's 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.

You have now completed the installation of your JackRabbit hard tonneau cover. ***Leave cover closed for 24 hours before operating regularly to allow the sweep seal to form into place (refer to end of Step 8). Proper care in placement of the sweep seal now will ensure smooth operation of the cover.***

OPERATING INSTRUCTIONS

1. To open the cover, turn the actuator knob clockwise 90° until it clicks in the open position. This retracts the latches into the handle and the cover is free to roll back into the canister. A tug on the pull strap will release the latch and allow the cover to lock into the rails.
2. To latch the cover in one of the mid-range positions, pull it back just beyond the position desired and allow the cover to retract until it latches into place. Latching positions are located every 12 inches along the rails. The clicking sound is the spring-loaded latches mounted inside the handle. The latches are designed to bypass the latching positions as the cover is being closed and to stop the cover as it is being retracted.
3. 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 handgrip and pull the cover to the latching position against the tailgate.
4. To use the key lock, position the cover on the truck bed with the actuator knob in the closed position and turn the key.

HELPFUL MAINTENANCE HINTS

To assure quiet, smooth operation, apply a small amount of grease to the wear strips where the metal end of the panels and the wear strips meet. This initial application should be sufficient for a year or more. Regrease the wear strips if the cover begins squeaking during use.

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

Drain tubes may become clogged overtime and should be removed and cleaned. Periodically remove the Top Cover and clean out the canister.

To help keep the JackRabbit tonneau cover looking it's 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 protectant such as Pace Edwards Brand or the 303 brand will keep your cover looking like new. Alcohol, petroleum based or silicon-based cleaners such as Armor-All should be avoided and ARE NOT recommended for our covers.

WARRANTY STATEMENT

Pace Edwards Company prides itself in fast, friendly warranty service for all of our products. Our goal is to design quality into everything we make.

We warrant our products to be free from defects in material and workmanship under normal use for **one year from the date of purchase**. In the event of defect in materials or workmanship, we will warrant parts only at no charge, which in our judgment show evidence of such defect within one year from date of purchase.

This warranty is void if the product has direct or indirect damage resulting from accident, misuse or abuse, lack of reasonable care, modifications, alterations, loss of parts, normal wear and tear, acts of god, improper installation or damage during shipping. This warranty does not cover installations on commercial vehicles or to trucks used for racing or off-road. This warranty is void when service or repair is performed by a non-approved service center.

At the end of the warranty period, Pace Edwards Company shall be under no further warranty obligation, express or implied. No other warranty or affirmation of fact, written or oral, is authorized or made by Pace Edwards Company and the terms of this warranty constitute the purchaser's sole and exclusive remedy.

This warranty gives the purchaser specific legal rights and the purchaser may also have other rights that may vary from state to state.

WARRANTY REQUIREMENTS:

- 1) **Original sales receipt**
- 2) **Product returned must be in original packaging**
- 3) **Product Serial Number**
- 4) **Product Model Number**

For your convenience, you may register your warranty claim at Pace Edwards' web site at www.paceedwards.com. This will help expedite your warranty claim. If you need warranty assistance, please call (800) 338-3697 and one of our technical service reps will be happy to help you. Please have your model and serial numbers and your original sales receipt available when you call.

