

BEDLOCKER®

ELECTRIC RETRACTABLE HARD TONNEAU COVER

INSTALLATION INSTRUCTIONS

- ✓ Ford Super Crew
- ✓ Ford Flareside
- ✓ Ford Explorer Sport Trac
- ✓ Toyota Tundra StepSide



“American Dream”

*BedLocker™ on 2002 Ford Explorer Sport Trac
project vehicle by Go Rhino! Products*



Part #BL-INSTALL (SC-FL-ST-SS)
Revised: 08/04

TABLE OF CONTENTS

Tools Required for Assembly (FIG. 1)	2
Before You Start	2
Drain Hole Locations (FIG. 2)	3
Optional Wiring Harness for Dashboard Switch	3
Packaging Contents (FIG. 3)	3
Hardware Kit Supplied with Unit (FIG. 4)	4
Rail Clamp Set (FIG. 5).....	4
Ford Super Crew Set (FIG. 6)	4
Toyota Tundra StepSide Set (FIG. 7)	4
Ford Explorer Sport Trac Set (FIG. 8)	4
STEP 1: Remove Contents from Box	5
STEP 2: Install Wiring Harness	5
STEP 3: Attach Rail Blocks (Sport Trac Only)	5
STEP 4: Place Canister and Install Rigid Foam (FIG. 9)	5
STEP 5: Begin Installing Rails (FIG. 10)	6
STEP 6: Install Channel (Tundra StepSide Only) (FIG. 11)	6
STEP 7: Complete Installing Rails	6
STEP 8: Install Clamps (FIGS. 12-16)	6-8
STEP 9: Install Electronics (FIG. 17)	8
STEP 10: Install Drain Tubes	9
STEP 11: Install Top Cover	9
STEP 12: Operating Instructions	9
Helpful Maintenance Hints	9

TOOLS REQUIRED FOR ASSEMBLY:

3/8" and 7/16" wrenches, #2 Philips screwdriver, wire crimper. *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. If you have questions regarding the installation of your new BedLocker™ electric retractable tonneau cover, please call our Technical Support Line at 800.338.3697 or visit our web site at www.paceedwards.com.

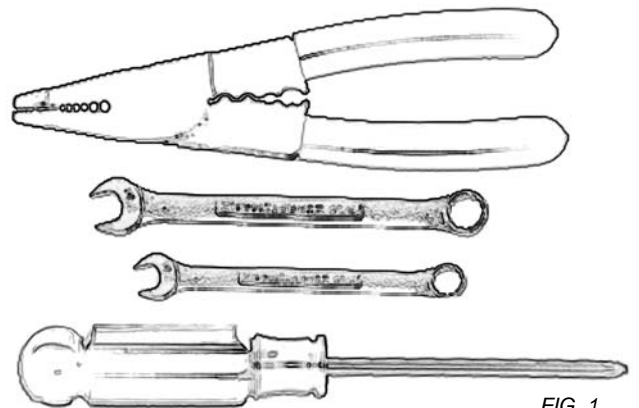


FIG. 1

DRAIN HOLE LOCATIONS:

The BedLocker™ cover is designed to carry rainwater from the ribbed cover into the canister and then out through drain tubes to the street. Most truck models have standard OE drain holes or plastic/rubber access ports in the front of the truck bed. Route drain tubes through 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 practical. 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).

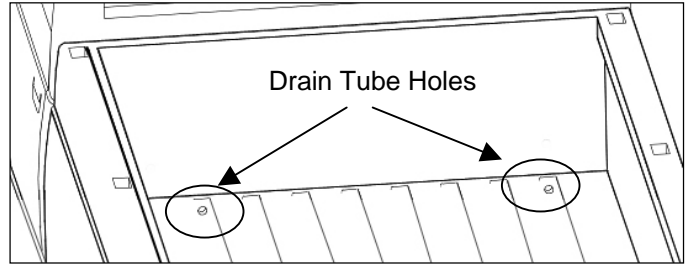


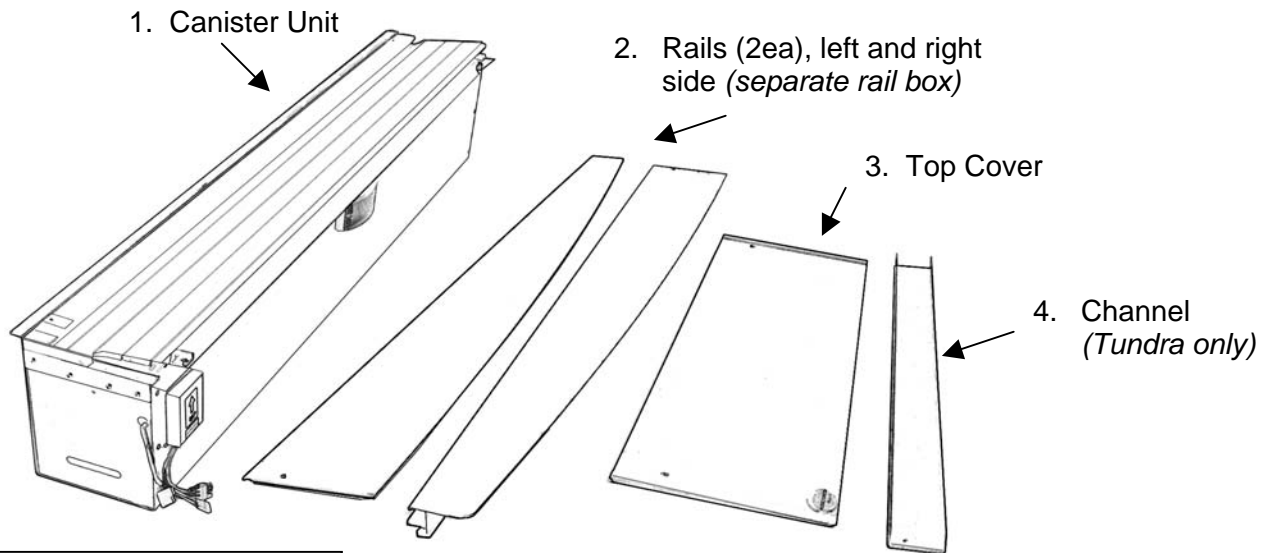
FIG. 2

OPTIONAL WIRING HARNESS FOR DASHBOARD SWITCH:

The BedLocker™ cover also offers an optional wire harness to manually operate the tonneau cover from inside the cab of your truck (**order part # BL1120**). This harness and switch assembly is designed to plug into the custom-built electronics control box (refer to plug "C" in the wiring diagram in Fig. 16 on page 8). Simply run the wire and momentary on/off/on switch to the cab and attach with bracket under the dash in a suitable location.

PACKAGING CONTENTS:

FIG. 3



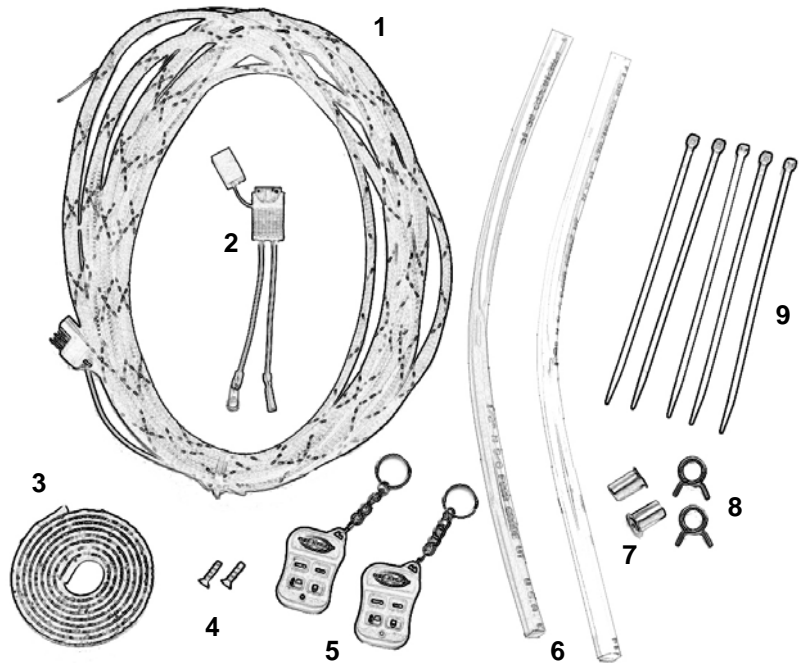
Items 1, 2 & 3 shown are generic. Your parts may vary in actual shape & size.

Remove plywood packaging supports before installation.

HARDWARE KIT SUPPLIED WITH UNIT:

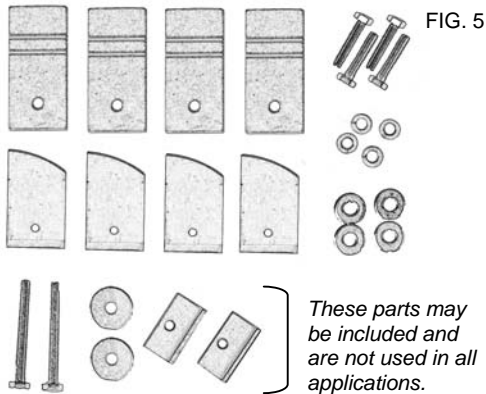
FIG. 4

1. Wire Harness w/ Optional Door Lock Wires
2. Fuse Holder w/10 AMP Fuse
3. Rigid Foam Shim Strip*
4. Top Cover Screws (2 each)
5. 4-Button Remotes w/ Key Fobs (2 each)
6. Drain Tubes (2 each)
7. Drain Tube Fittings (2 each)
8. Self-Tightening Hose Clamps (2 each)
9. Plastic Wire Ties (5 each)



* (Some units contain more than one size to fit multiple vehicles)

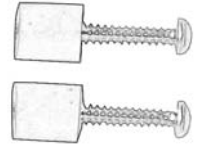
11. RAIL CLAMP SET (all except Sport Trac)



FORD SUPER CREW SET:

12. Rubber Spacers and Tek Screws (2 each)

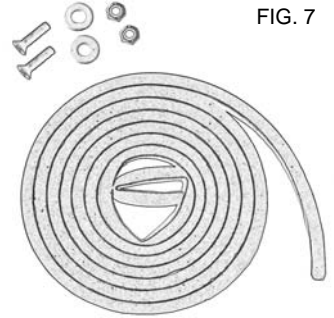
FIG. 6



TOYOTA TUNDRA STEPSIDE SET:

13. Channel washers (2 each)
14. Channel screws (black 10-32x3/4" flathead) (2 each)
15. Channel nuts (2 each)
16. Closed cell foam 1/4" x 3/4"

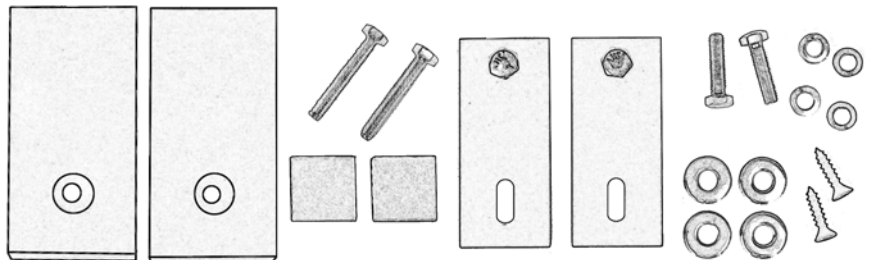
FIG. 7



FORD EXPLORER SPORT TRAC SET: (2 each)

FIG. 8

17. Front rail blocks & bolts
18. Shims
19. Rear clamp blocks & bolts
20. Front rail block screws (black)



STEP 1: REMOVE CONTENTS FROM BOX

Remove canister and top cover from the box. Remove components from inside canister. Perform a quick inventory to insure all parts are there.

STEP 2: INSTALL WIRING HARNESS

Install the long wire harness through the stake pocket on the driver's side of truck. (If the optional wire harness **Part# BL1120** is used, which is designed to operate the *BedLocker™* cover via manual switch from inside the cab of your truck you may want to tape it to the main harness to ease having to pull them through the stake pocket separately). From inside the box, push the end **without** the plug through the stake pocket and out the underside of box. Leave a couple of feet of slack inside the box for mounting the electronics. Route the wire harness under the truck and to the battery in the engine compartment. Attach the fuse holder to the end of the red/positive wire (**Do not attach to battery at this time**). Secure the harness with wire ties provided after canister is mounted and any slack is eliminated.

STEP 3: ATTACH FRONT RAIL BLOCKS (SPORT TRAC ONLY)

Use bolts provided and attach a front rail block to each side of the bed in the existing OE threaded holes approximately 4 inches from front of box. Place angled side down and against box. Place front rail blocks so that top is level with the bed rail, then tighten securely (refer to *Front Rail Block* diagram, Fig. 15 on page 8).

STEP 4: PLACE CANISTER AND INSTALL RIGID FOAM

Support the canister with a block or stool placed in the truck bed so that the canister is raised above the bed rails by 2-3 inches, about one foot from the cab, and centered side-to-side.

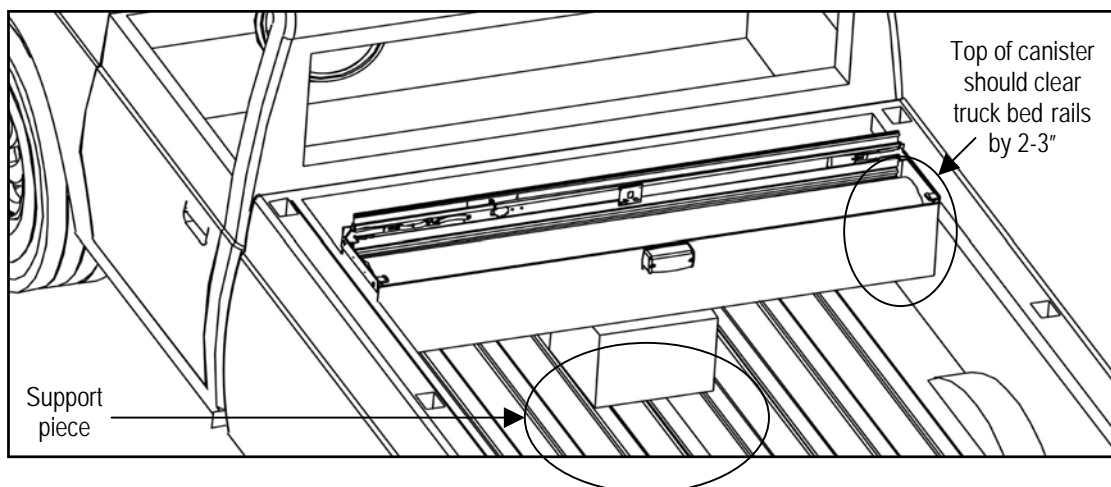


FIG. 9

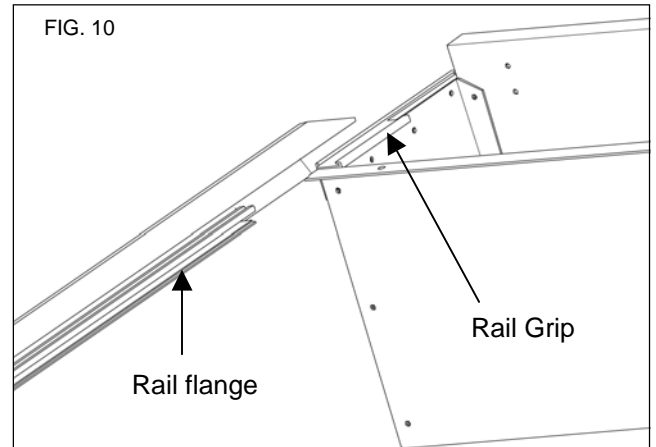
Peel and attach the rigid foam stripping under the 1.0" lip of the canister on the forward (*cab*) side of canister (*Between truck and canister*). This foam will reduce any sag and ensure a consistent level between canister and rails.

Hang onto the ribbed blanket and cut the zip tie. (**Do not let the blanket roll back on itself or the brackets attached to the underside on the first three ribs can damage the visual surface of the other rolled ribs**). Remove all of the vinyl sheeting protecting the blanket. Pull the blanket out about one foot from the canister and let it hang.

STEP 5: BEGIN INSTALLING RAILS

The machined end of the rail attaches to the canister. You will need to lift the hanging portion of the ribbed blanket and place the rail over this section while sliding the rail into the rail grip mounted to the ends of the canister (*the underside of the ribs need to nest on the gear*).

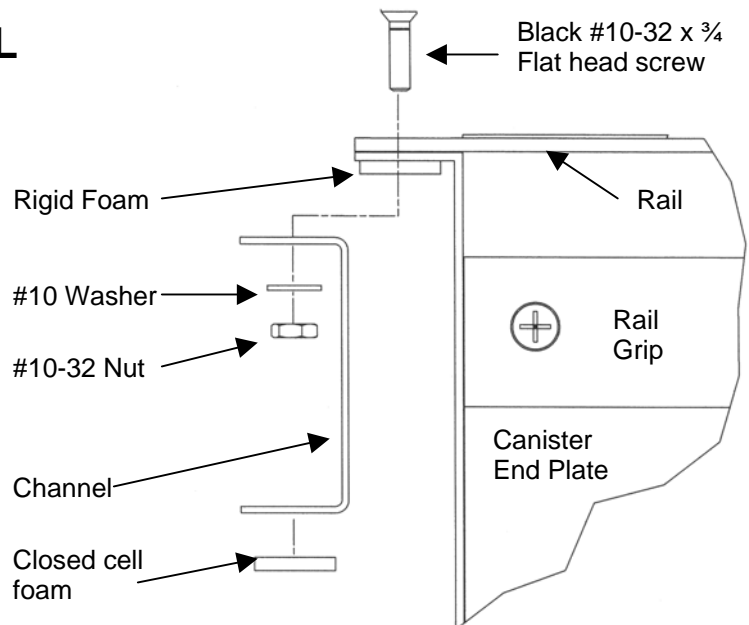
Make sure both flanges of rail slide into the rail grip. Push the rails forward against the canister.



STEP 6: INSTALL CHANNEL (TUNDRA STEPSIDE ONLY)

Peel the foam backing, and attach foam to the channel.

Bolt the channel/foam assembly to the rails.



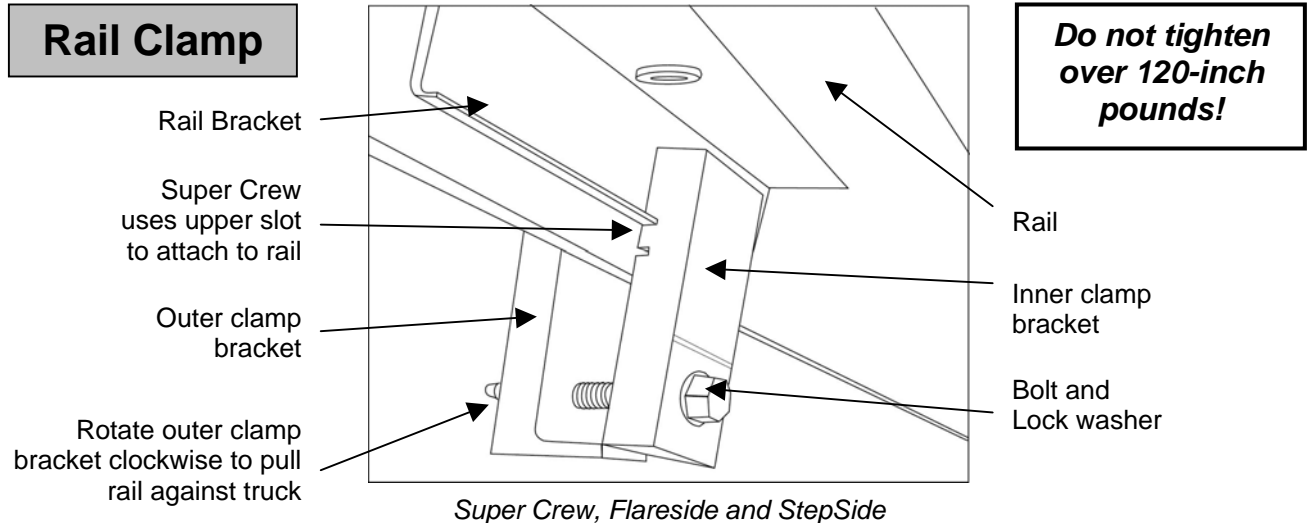
STEP 7: COMPLETE INSTALLING RAILS

Remove support or stand and lower the canister onto the rails and front edge of box. Mount the canister forward and centered in the box. This will ensure a square fit in relation to canister and rails. Close tailgate and pull rails toward it leaving approximately 1/16"-1/8" gap. Hold canister in place to ensure it does not move with the rails while adjusting the gap to tailgate.

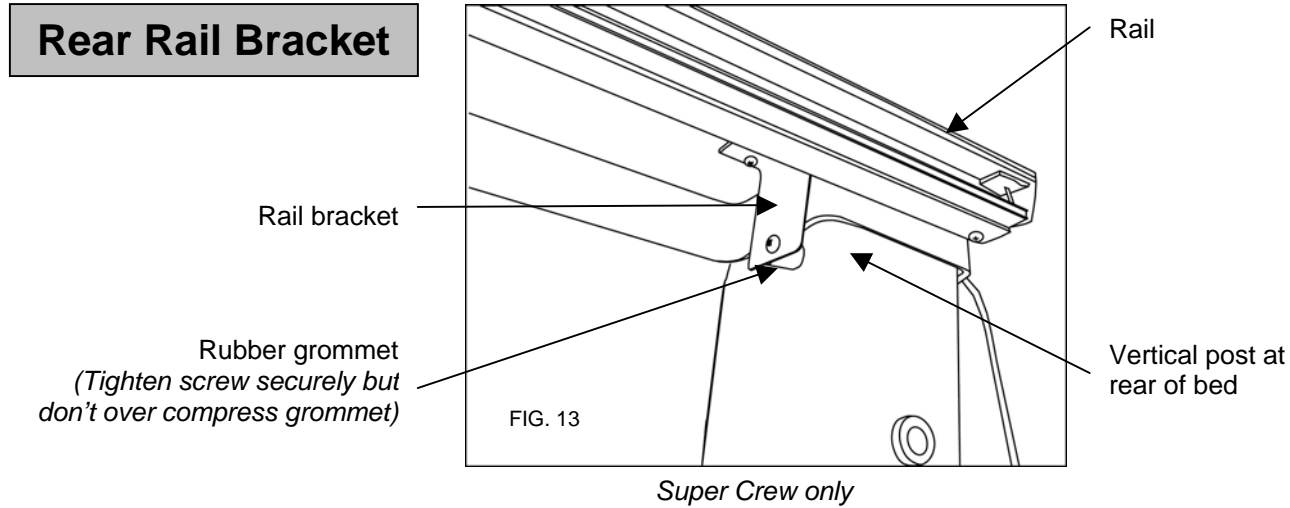
STEP 8: INSTALL CLAMPS

Once you've made sure the canister is centered and forward in the bed, you can install the brackets and clamps needed for your model of truck

Ford Flareside / Super Crew and Toyota Tundra StepSide Only: Place the four (4) clamps (Fig. 12 below) over the brackets located on the underside of the rails and tighten securely. Locate the lower groove of inner clamp bracket onto the lip of rail bracket. Rotate the outer clamp bracket clockwise to tighten rail downward against bed rail. Tighten bolt securely. (*Adjust pressure against tailgate by moving rails forward or backward as needed prior to final tightening of clamps.*)

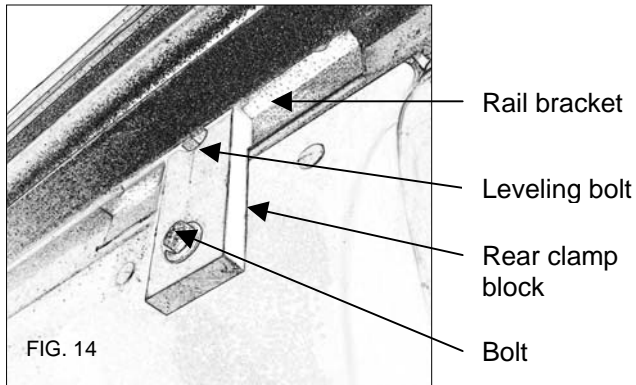


Ford Super Crew Only: Follow the directions in the previous section and then continue with this paragraph. Hold the rail level and against the side of bed, then install self-drilling tek screw into the vertical post at the rear of box (Fig. 13 below). Place the rubber grommet between the bracket and post and screw snug but you do not need to compress the grommet very much.



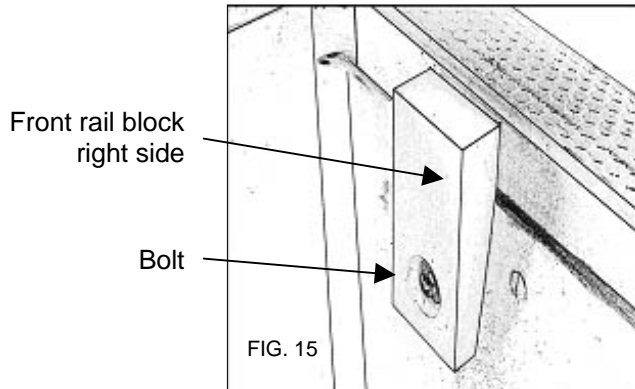
Ford Explorer Sport Trac: Install the rear clamps as shown (refer to Fig. 14 on page 8) using the OE holes at the rear of the box. Locate the lower groove of rear clamp block onto the lip of the rail bracket. Tighten against bed rail. The 1/4-20 bolt at the top of the clamp can be used to level the rail by turning the bolt out to apply pressure against the rail. Tighten bolts securely. (*Adjust pressure against tailgate by moving rails forward or backward as needed prior to final tightening of clamps.*)

Rear Clamp Block



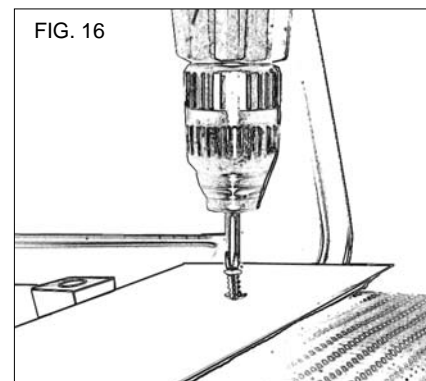
Sport Trac only

Front Rail Block



Sport Trac only

With rear clamps in place, make sure the canister is centered from side to side. Using the two black screws provided, screw through the rails into the front rail block (refer to Figs. 15 and 16). If needed, add shims (included) on front rail block to level rails.



Sport Trac only

FIG. 17

WIRING DIAGRAM

A: Canister Harness

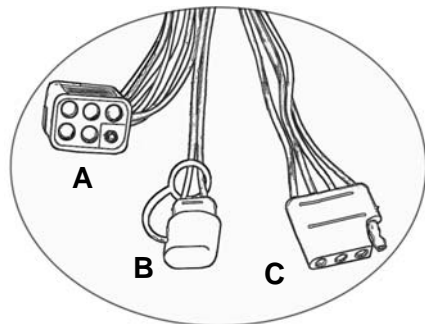
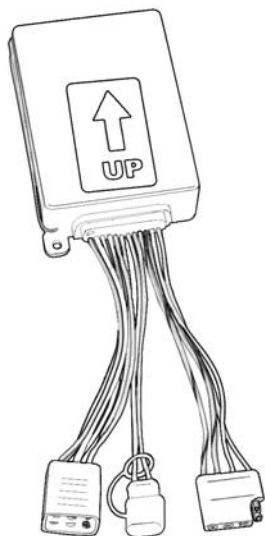
Blue...Close
 Green...Open
 Orange...Cargo Light
 Brown...Cargo Light
 Yellow...Brake
 Brown...Brake

B. Battery Harness

Red...Power
 Black...Ground
 White w/ Green...Door Unlock
 White w/ Red...Door Lock

C: Optional Manual Switch Harness

Gray...Open
 Violet...Closed



Plugs cannot be connected incorrectly. This diagram is provided for reference only.

STEP 9: INSTALL ELECTRONICS

Plug together the wire harnesses from canister and battery (**also optional manual switch harness, if installed**). Remove tape and release antenna so that it can hang freely. Attach the red (positive) and black (negative) wires to battery at this time.

Pace Edwards offers a door lock relay kit (**part # BL-73572-K**). Please refer to the Wiring Diagram, Figure 17 on page 8. ***Pace Edwards disclaims any liability or responsibility arising from any inaccuracies of this information or its use for installations or otherwise. It is provided solely as a reference to our customers per customer requests. Pace Edwards recommends using a certified auto electrician or qualified stereo/alarm installer.***

STEP 10: INSTALL DRAIN TUBES

Close the cover and insert the aluminum drain tube fittings into the pre-drilled holes on the bottom surface of the canister by popping them in place from the inside of the canister. With cover open, place the plastic drain tubes with self-tightening spring clamps onto the tube fittings. Insert the other end of the drain tube into the drain holes (described on page 3).

STEP 11: INSTALL TOP COVER

Place the top cover on the canister opening and install the two (2) black oxide screws into the attachment blocks mounted to the inside of the canister. Hold the top cover tight against the cab side of the box while tightening. *(The top cover can be adjusted slightly to align evenly with the ribbed blanket).*

STEP 12: OPERATING INSTRUCTIONS

Unit is now ready to operate. Press the Open button to open cover and press the Close button to shut the cover. To operate the light, hold the light On/Unlock button for 3 seconds, to turn off hold light Off/Lock button for 3 seconds. (The light has a 5-minute timeout if you forget to turn it off). If optional electric door lock circuit is hooked up, the light Off/Lock button will activate the door lock cycle and the light On/Unlock button will activate the door unlock cycle. ***(If electric door locks are used, Lock and Unlock will activate immediately when pushing the button).*** The black control box contains a spare 15-amp blade mini-fuse should you need a replacement.

HELPFUL MAINTENANCE HINTS

After installation, if the cover is tight or hard to open and close, the shimming may need to be redone.

Drain tubes may become clogged over time and should be removed and cleaned. Periodically remove the top cover and clean out the canister.

To help keep the Bedlocker retractable tonneau cover looking its best, we recommend washing it the same as caring for your truck finish. However due to the hammer texture, removal of wax can be difficult so you should not wax your cover.

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, acts of God, normal wear and tear, 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.

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 1-800-338-3697 and one of our technical service representatives will be happy to help you. Please have your model and serial numbers and your original sales receipt ready when you call. For written inquiries, please send a letter with the warranty requirements information (listed in the box above) to:

Pace Edwards Company
Attn: Warranty Claims
2400 Commercial Blvd.
Centralia, WA 98531 USA

Thank you for choosing products by... *PACE EDWARDS*

