

BEDLOCKER®

ELECTRIC RETRACTABLE TRUCK BED COVER

STANDARD INSTALLATION INSTRUCTIONS



#1 RETRACTABLE TRUCK BED COVER

TABLE OF CONTENTS

Tools Required for Assembly	2
Before You Start	2
Drain Hole Locations	2
STEP 1: Remove Contents from Box	2
Packaging Contents	3
STEP 2: Install Wiring Harness	3
STEP 3: Place Canister.....	3
STEP 4: Install Rails.....	4
STEP 5: Installing Clamps & Shims	4-5
STEP 6: Lubricating the sweep seals.....	5
STEP 7: Connecting the Electronics	5
STEP 8: Installing Drain Tubes.....	6
STEP 9: Install Top Cover	6
Release Handle Instructions	7
Helpful Maintenance Hints	7

TOOLS REQUIRED FOR ASSEMBLY:

7/16" wrench or socket #2 Phillips screwdriver
3/8" wrench or socket Tape measure

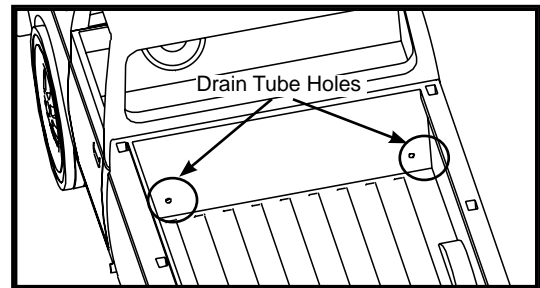
Note: There should be no drilling into the truck body needed on most standard or full-size trucks .

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.

DRAIN HOLE LOCATIONS:

The Bedlocker 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.



OPTIONAL WIRING HARNESS FOR DASHBOARD SWITCH:

The BedLocker also offers an optional wire harness (**part # BL1120**) to manually operate the tonneau cover from inside the cab of your truck.

This harness is designed to plug into the custom-built electronics control box mounted inside the canister.

Plug switch harness into the capped plug(grey/violet) located along side the power plug. Make sure to secure the loose wires inside the canister away from the gear and blanket.

Then run the wire to the cab and attach under the dash in a suitable location.

STEP 1: REMOVE CONTENTS & PLYWOOD PACKAGING

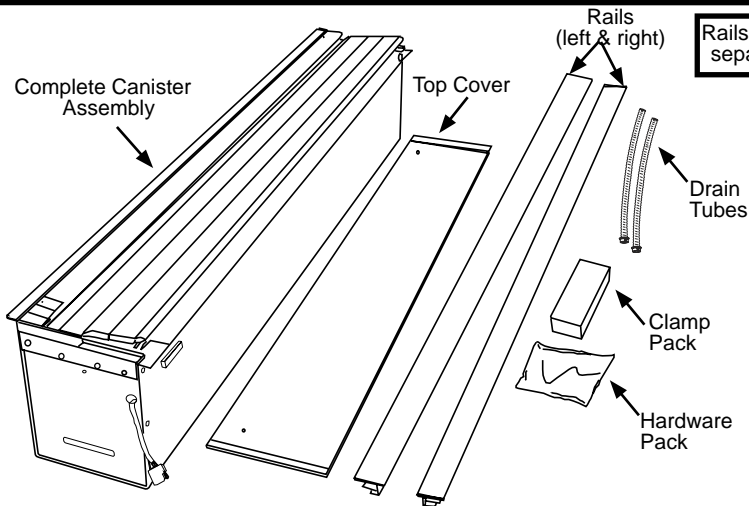
Remove the canister and top cover from the box.

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

Using the 3/8" wrench or socket remove the 2 bolts holding the plywood packaging supports on the ends of the canister. Discard plywood packaging supports and bolts.

DISCARD PLYWOOD PACKAGING AND BOLTS!

PACKAGING CONTENTS:



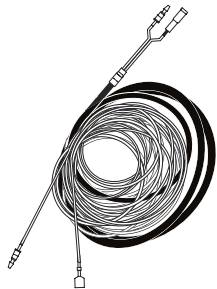
CAUTION!

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 2: INSTALL WIRING HARNESS

HARDWARE USED:



WIRE HARNESS x 1

ZIP TIES x 5

(If the optional wire harness **Part# BL1120** is used, you may want to tape it to the main harness to ease having to pull them through the stake pocket separately).

From inside the truck bed push the long wire harness end **without** the plug through the stake pocket on the drivers side of the truck and out the underside of the truck bed box.

Leave approximately one foot 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 the battery yet.)

Secure the harness with wire ties provided after slack from the canister has been taken out.

STEP 3: PLACE CANISTER IN TRUCK BED

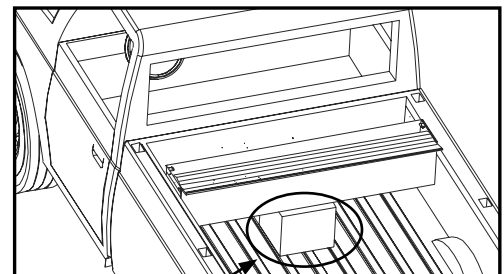
You will need one or two support pieces (We suggest using the top of the box the Bedlocker was shipped in) to set in the truck bed.

Set the support piece approximately one foot from the cab.

Set the Canister on the support(s) in the truck bed. The canister should be resting on the support piece, centered in the truck bed, raising the top of the canister above the bed rails by 2-3 inches.

(Do not let the blanket roll back on itself or the underside on the first three ribs can damage the visual surface of the other rolled ribs).

Pull the blanket out about 1 foot from the canister and let it hang.



Support Piece

STEP 4: INSTALLING RAILS

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

The machined end of the rail attaches to the canister.

You will need to lift the hanging portion of the ribbed blanket and thread it in the rail while sliding the rail into the rail grip mounted to the ends of the canister (*the underside of the blanket 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.

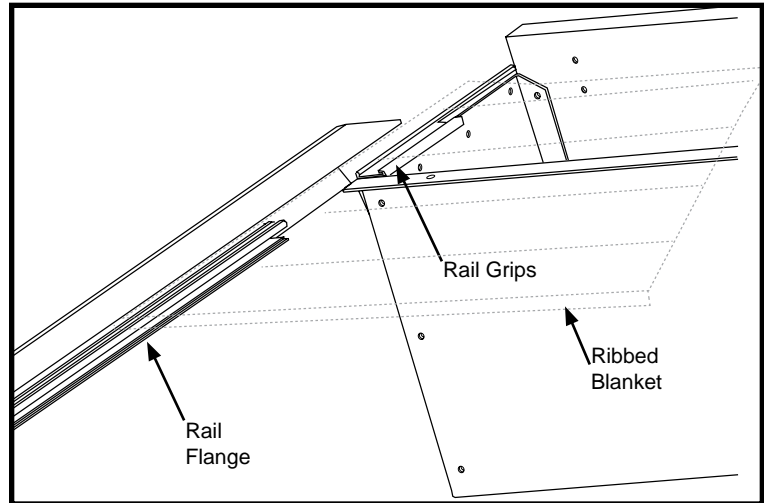
Complete for both left and right rails.

Remove the support or stand and lower the canister and rail assembly onto the front sill and rails of the truck bed.

Slide the entire canister and rail assembly forward against the cab end of the truck bed.

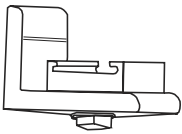
Close the tailgate and pull the rails only toward it leaving approximately 1/8" gap between the end of the rails and the tailgate.

Be sure to hold the canister in place to ensure it does not move from the front truck bed sill with the rails while adjusting the gap of the rails to the tailgate.

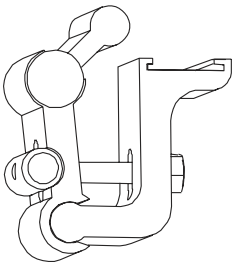


STEP 5: INSTALLING CLAMPS & SHIMS

HARDWARE USED:



CLAMP SHIM ASSEMBLY x 2



RAIL CLAMP ASSEMBLY x 4

Once you've made sure the canister is centered in the truck bed and forward against the truck bed sill, you can install the clamps.

Some beds are tapered and some are square – if there is a space at the cab end of the rails in between the rail and the truck bed more than 3/8" then you will need to slide the clamp shims down the rails against the canister.

Loosen the bolt on the clamp shim and slide the bracket up against the truck bed.

Tighten the bolt back up so the shim is held tight in place (Figure 5A).

If there is less than 3/8" space, the clamp shim is not used but the plastic shim will need to be installed (Figure 5B).

Depending on where you place the clamps you may have to install more than one plastic shim (**at least one shim is always needed**).

If your bed is tapered then you will definitely need more than one shim at the forward clamp locations.

Place enough shims to eliminate bowing the rail when clamping (**three should be the maximum needed**).

To install the clamps you will need to remove the pivot arm from the clamp assembly.

Slide the front rail clamps against the canister or if the clamp shim was installed, against it.

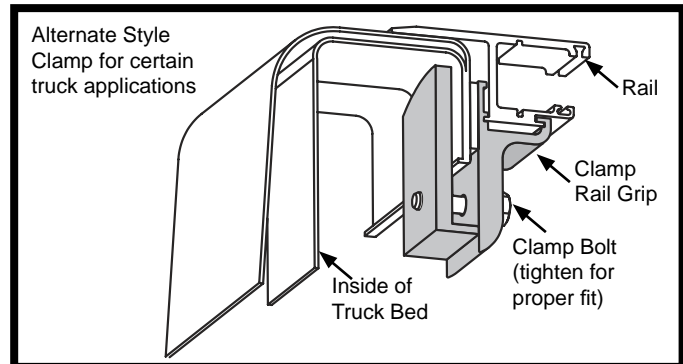
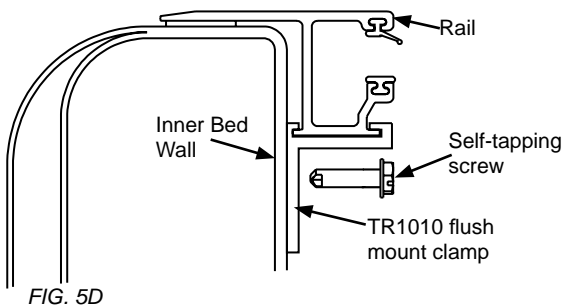
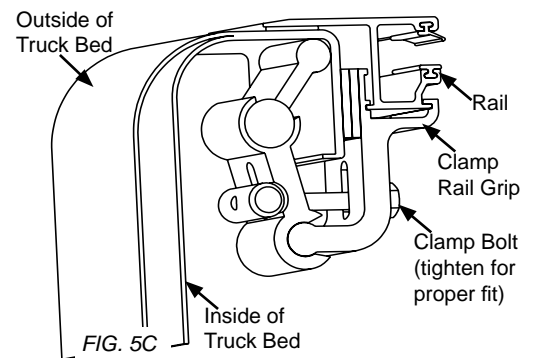
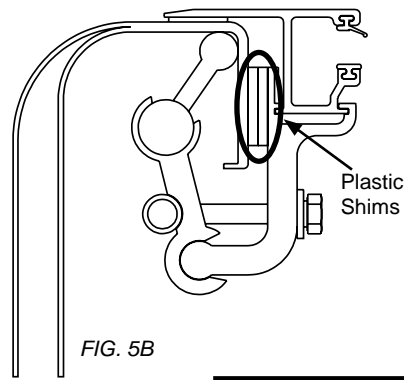
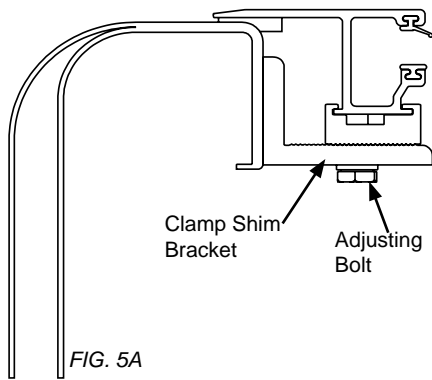
(Note: Front Clamp rail grip for Dodge Ram is 3/4" longer for the front clamp than the rear clamp. They should be the same length for all other standard truck applications.)

Slide the rear clamps approximately 6-12" from the tailgate or as close as they can be mounted in that distance.

Re-install the pivot arms and tighten the clamp bolt completely to secure the rails. Ensuring that the top of the rails stay level.

Measure from inside the rails at the canister end of the truck bed. This is the measurement that you want at the tailgate end after you have shimmed the rails. A slightly tighter fit is better than a slightly loose fit.

STEP 5: INSTALLING CLAMPS & SHIMS (CONTINUED)



For models with a flush-sided box such as StepSide trucks or Utility box, attach rails using TR1010 clamp and self-tapping screw front and rear on rail in Figure 5D.

You will still need to shim the rails as shown in Figure 5A.

When installing the clamp, compress the rail and foam. Pull the clamp downward as tight as possible.

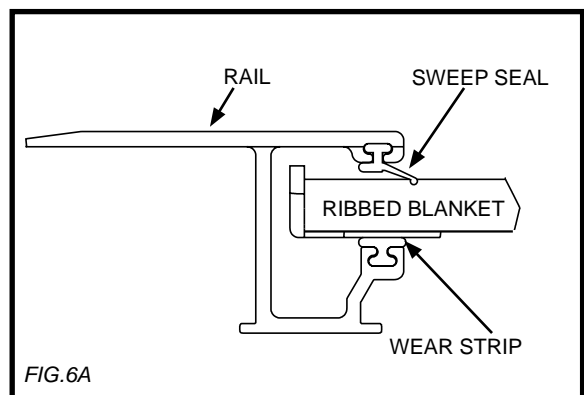
You may need to give the clamp and rail a twist as you tighten the screw all the way down to ensure the rail stays level with side of the truck bed. See the video on our website for more detail.

STEP 6: LUBRICATING & PLACING THE SWEEP SEALS

Locate the sweep seals (rubber weather strips) on the rails. Apply Pace Edwards' UV Protectant (or 303 brand protectant) to a rag and wipe the underside of the sweep seal and the top of the wear strip.

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 rolled in toward the bed rail). (Fig. 6A)

Proper care and placement of the sweep seal will ensure smooth operation of the cover. Alcohol, petroleum based or silicon-based cleaners such as Armor-All® should be avoided and ARE NOT recommended for our covers



STEP 7: CONNECTING THE ELECTRONICS

HARDWARE USED:



2-BUTTON REMOTE
KEY FOB x 2

The electronics box has been pre-mounted to the inside of the canister.

Connect the battery wire harness into the 2-wire plug at the end of the canister (**also connect the optional manual switch harness, if installed at this time**)

Attach the Red (positive) and Black (negative) wires to the battery or the truck manufacturers suggested connection points at this time.

Unit is now ready to operate.

Press the Open button to open cover and press the Close button to shut the cover.

STEP 8: INSTALLING DRAIN TUBES

First ensure that the washer is in place on the drain tube end being inserted into the canister (This will prevent water leakage).

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 tube should click into place.

Place the other end of the drain tube through the grommet or through the pre-drilled holes in the floor or the front wall of the truck bed.

DRAIN TUBE FITTING



STEP 9: ATTACHING TOP COVER

HARDWARE USED:



BLACK TOP COVER
SCREW x 2

Place the top cover on the canister opening and install the (2) Black Top Cover 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)

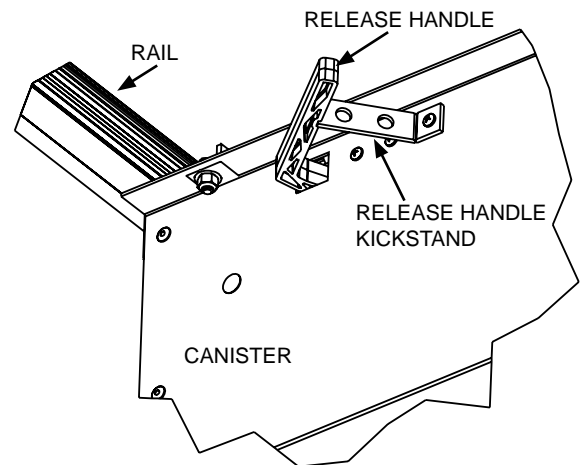
RELEASE HANDLE INSTRUCTIONS

If power is lost to the Bedlocker unit or the electric drive system fails to operate and you have to use the cover right away you can do the following to open or close the cover:

1. You will need to gain access to the release handle located on the driver side of the canister at the front of the truck bed. Once you have access to it, Pull the handle out away from the canister and pull out the handle kickstand behind it.
2. Settle the kickstand into the notch on the handle to hold the handle in place.
3. Now you should be able to push or pull the paneled blanket manually open or closed.

NOTE: The blanket will not lock unless you disengage the kickstand and lower the release handle. With the handle released the cover will move a short distance and the cover will then lock itself in place. (Cover may not lock tightly against tailgate)

This process will allow you to use the cover until power is restored. It is not meant for extended or permanent use.



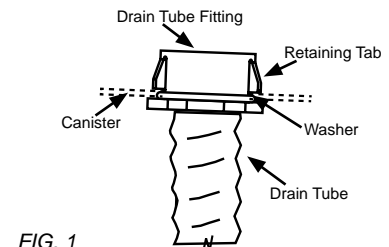
HELPFUL MAINTENANCE HINTS

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

Periodically remove the Top Cover and clean out the canister.

Drain tubes may become clogged overtime and should be removed and cleaned. To remove the drain tubes you must; Remove the Top Cover, close the cover to the tailgate, reach in the canister and depress the plastic retaining tabs on the drain tube fittings and push the drain tube out of the hole in the bottom of the canister. (Fig. 1)

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.



RELEASE HANDLE ASSEMBLY MAINTENANCE

Maintenance of the Release Handle Assembly requires lubrication of the coupler located inside the canister. This is done during factory assembly but may need to be done from time to time during the life of your cover.

A small lubrication hole is provided on the coupler that a fine tipped grease gun can inject a small amount of grease into. a high quality waterproof wheel bearing grease is recommended.

To get to the coupler you will need to remove the rail clamps and end caps at the end of the rails. Use the manual release handle and **manually** pull the blanket out the end of the rails until you have access to the coupler inside the canister. Grease the coupler, cycle and spin it to distribute lubricant then reverse the process to re-assemble the cover being sure to **manually** push the cover back into place in the caniser. **(DO NOT USE THE MOTOR TO RUN THE BLANKET INTO THE CANISTER OR YOU WILL DAMAGE THE RIB CAPS ON THE EDGES OF THE BLANKET.)**