Standard Retractable Cover

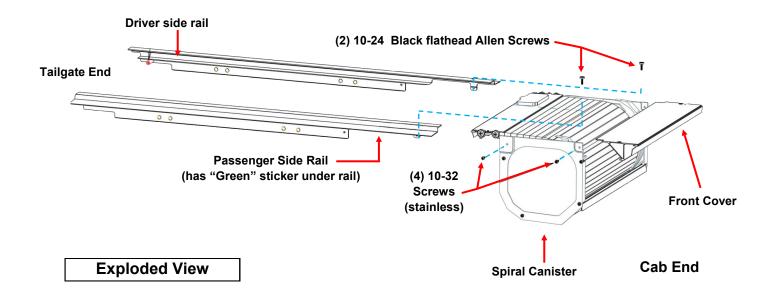


Table of Contents

NOTE: Some models require specific steps and parts. Please check below; if your model is listed, follow the instructions on that page!

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Steps 1-4 (cover assembly)	Pg. 2	Honda Ridgeline 2006-2015	Pg. 10-12
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(clamp install & measurements)	C	Nissan Titan 2004-2015	Pg. 14
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Pre-assembly Guidelines

Please read and follow instructions before un-boxing and assembling the bed cover.

Keep boxes and packing until installation is complete. Unpack carefully to prevent scratching.

DO NOT remove protective films from cover and canister until after installation is complete.

DO NOT LUBRICATE OR USE LOCTITE ON ROLLING COVER!! (VOIDS WARRANTY) See Maintenance page for proper care.

If you have the Electric Cover please see pages 6 & 7 for special installation!

Parts checklist for large box

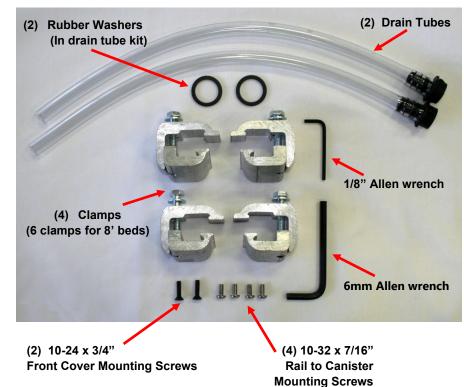
- Instruction packet (attached to canister)
- Cover rolled into canister-spiral assembly
- Front cover for canister
- Keys (attached to canister)
- Drain tube kit

Parts checklist for rail box

- Driver side rail
- Passenger side rail
- Clamp box (NOTE: Clamps in box may vary from photo)

Tools Required

- #2 Philips screwdriver
- 9/16" or 1/2" wrench (ratchet works best)
- Pliers or vice grips

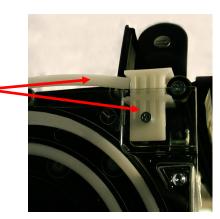


Clamp Box and Drain Tube Kit

STEP 1: Remove Shipping Materials

Remove shipping brackets and white shipping tubes from both sides of canister.

Keep shipping bracket for STEP 4



STEP 2: Install the rails to canister

Lift up lock cover and open lock by pressing release button.

Pull cover out 6"- 8". DO NOT allow cover to roll back into canister until rail is installed.

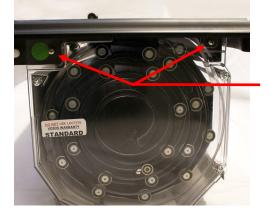
Passenger rail has green sticker.

Electric motor is not active yet, manually guide the cover into the rails.

Front attachment rail tab

Bearings enter channel of rail here.

Rear attachment rail tab



Attach both rails to canister using the 10-32 x 7/16" rail to canister mounting screws. Make certain the rail tabs are on the inside of the spiral.

STEP 3: Install the front cover

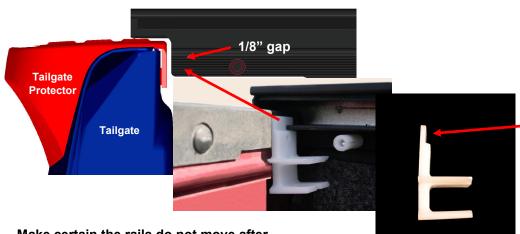
Slide on front cover and attach here on both sides with the (2) 10-24 x 3/4" screws. Use the 1/8" Allen wrench.



Move the rails to achieve the 1/8" gap using the 1/8" part at the top of the bracket.

STEP 4: Lift the assembled cover into the bed and position the rails

Using two people, lift the cover and place it at the very front of the bed. Close the tailgate of the pickup.



Make certain the rails do not move after measuring.

NOTE: Plastic bed liners may have to be cut or notched at the front of the bed if they touch the rolling canister. A jigsaw with medium tooth blade, Dremel[™] or RotoZip® tool works well.



NOTE: The front cover weather-strip must lay flat across the truck bed. Make certain it is pointed towards the cab. If it extends past the bed rail cap, trim to fit right up to the cap on truck bed.

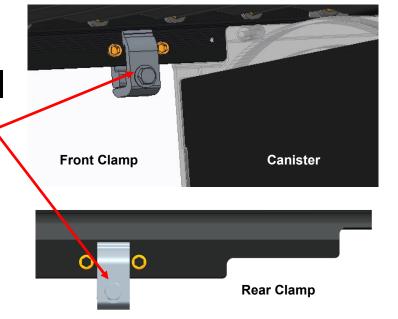
STEP 5: Install the front & rear set of clamps

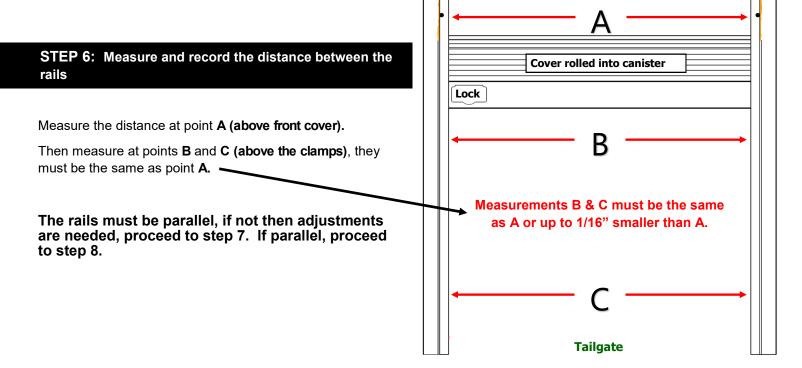
Using a 9/16" or 1/2" wrench (depending on your clamps), tighten clamps.

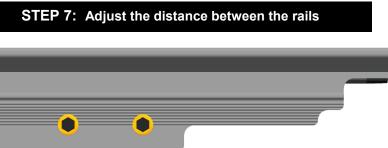
When attaching rear clamps, push down on the rail as you tighten the clamps for a better seal on the pickup box rails.

The rear of the rail may need to be tilted up or down for best fit over the tailgate.

Some models do not use clamps. Refer to the appropriate manual section for proper mounting instructions.







Tailgate end of passenger rail

Remove clamp and turn both of the white nylon adjustment screws, using a 6mm Allen wrench. One complete turn of adjustment screws = 1/16" of adjustment.

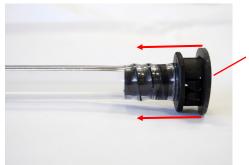
You can check for proper fit between front cover and rolling cover

Pull the cover closed and latch.

If there is less weather-strip exposed on one side, adjust that rail towards the cab. Replace and tighten the clamps and close the cover. Check again for equal spacing at the front and readjust if needed.

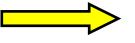
STEP 8: Assemble and install drain tube

Remove plastic film from the canister.



Slide rubber washer onto drain tube fitting. Insert tubes into the holes in the bottom of the canister and turn to the right. 2 clicks means they are secured. On some trucks there are factory drain holes in both front corners, on others there are plastic plugs that can be drilled out for the tubes. You can enlarge existing holes or drill new holes in the front wall or floor if needed. Be careful of what is behind when you drill. If using a plastic bed liner, then holes can be drilled through the liner only. Cut the tubes to length to fit in desired locations.

Electric cover model refer to pg. 7



Final notes: Open and close the cover to ensure it is rolling without rubbing or binding. Remove any remaining plastic film. Be sure that all clamps and/or bolts are tight. Clamps must be periodically checked for tightness. The top surface of the rails should be level. Loosen clamps or bolts, adjust the rail, and tighten if needed. On some models, a better fit over the tailgate may be obtained if the rear of the rails are slightly tilted up or down.

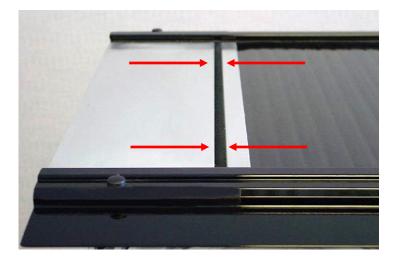
Some models do not use adjustment screws. Refer to the appropriate manual section for proper adjustment instructions.

*Rails too close =

counter clockwise

*Rails too far apart

= clockwise



Use & Maintenance/Care

The rolling cover has superior quality rail weather-strip seals. These seals help minimize water intrusion into the pickup bed. The initial break-in period for the rail weather-strip is about 48 hours in the fully closed position. Your cover may be slightly harder to open and close during the break-in period.

Use

Opening and Using the Cover

To use your rolling cover, open the lock cover and press the button at the center of the latch to pop open the handle.

Closing and Locking the Cover

To latch your rolling cover anywhere along the rail, push down firmly on the end of the lock handle using both thumbs. Insert key and make sure it locks and unlocks.



Securing Loose Cargo

Rolling covers help transporting loose and large pieces of cargo safe and secure; a unique feature that most tonneau covers cannot claim. To help secure any item too big to fit under the cover, latch the lock handle shut against the item to help keep it in place.





CAUTION! All large and heavy cargo must be secured by straps etc.

Manufacturer is not responsible for shifting cargo.

Maintenance & Care

Cleaning and Caring for your Cover

You can wash and wax your cover, but do not use any plastic cleaners, protectants, or strong chemicals.

With proper care, the polycarbonate cover will last many years. It should be cleaned with mild soap and water. Do not allow gasoline to come in contact with the cover.

Carnauba wax is fine on your cover, however, **DO NOT wax the** matte finish covers!! To restore the luster to aluminum parts, periodically use a polishing compound followed by a non-abrasive Carnauba wax. The weather-stripping on your cover may absorb soapy residue from a car wash, so we recommend wiping down the inside of your rails from time to time.



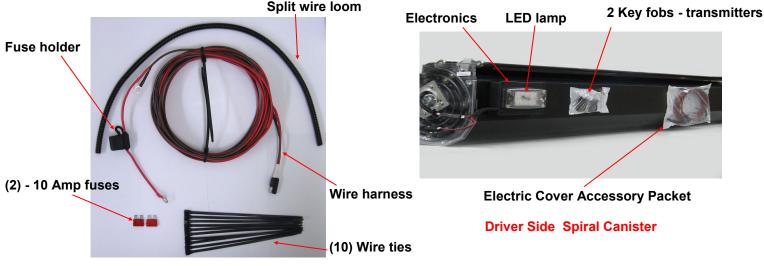


IMPORTANT:NEVER spray any lubricant or cleaner in the rails. THIS WILL VOID YOUR WARRANTY. The ball bearings are sealed and will not need any sort of lubricant or spray. If the rails do feel a little 'sticky', you may rub some Paraffin (candle) wax along them until they wear in.

Electric Cover Installation

IMPORTANT: Follow these instructions **BEFORE** installing the rolling cover.

Use caution when cutting the wire ties holding the wire harness together so you do not cut wires. Inspect wiring. Do not install damaged wires as they could become a hazard.



Electric Cover Accessory Packet

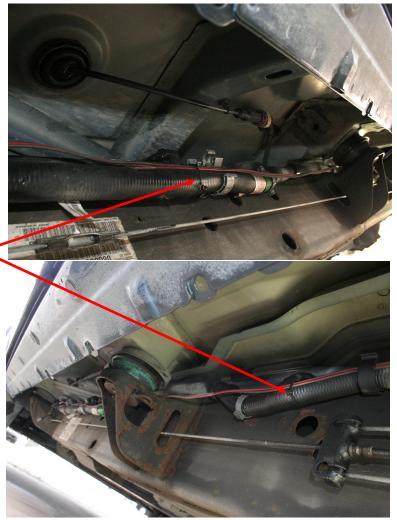
STEP 1-3: Routing wiring harness from battery to truck bed

- 1. Using a wire tie, secure the fuse holder end of the wire harness near the battery (red wire and brown wire) *Note: Do not connect the wiring harness to your battery yet.*
- 2. Route the wire harness to the driver side of the truck if it is not already. (Using wire ties, secure the wiring harness so it does not come into contact with moving parts or exhaust pipes.)
- 3. Route the wiring harness down along the frame rails to the truck box as shown on the right. Keep the wires as high as possible to prevent damage while driving. Secure the wiring harness with wire ties every 2-3 feet.

STEP 4: Wiring Options

OPTION 1: Route 24" of wire to driver side cab end of drain holes in the bed. Use split wire loom to wrap around the wires as a barrier between the wires and the drain tube hole. (NOTE: this may require a larger hole than normal.)

OPTION 2: Route the wiring in the gap between the cab and truck bed (leave about 24" in truck bed). The wires will be hidden under the front weather-stripping of the cover.



Wiring Harness Routing Along Frame Rail

Electric Cover Installation

Proceed with the standard instructions on steps 1-8 Then refer back to this page for connection of wiring. *Disregard all references to 'lock' - Not applicable for electric cover.*

NOTE: The electric cover has no lock assembly. Cover will not move out of the canister at this point of installation.

STEP 5: Connect the wiring harness to electronics box and battery

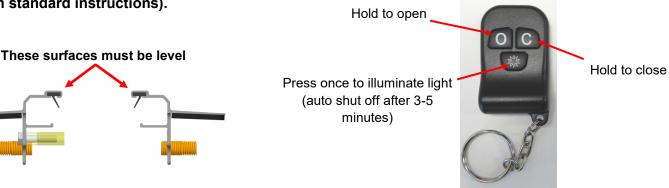
A. There is a white label wrapped with the letter "P" on it to ensure proper connections are made. (Ensure the connectors labeled P are securely connected. (Connectors labeled "M" will come attached.)

B. Connect the wires to the battery and install a fuse in the fuse holder. The **RED** wire (with the fuse holder) to the **POSITIVE** post, and the **BROWN** wire will connect to the **NEGATIVE** post.



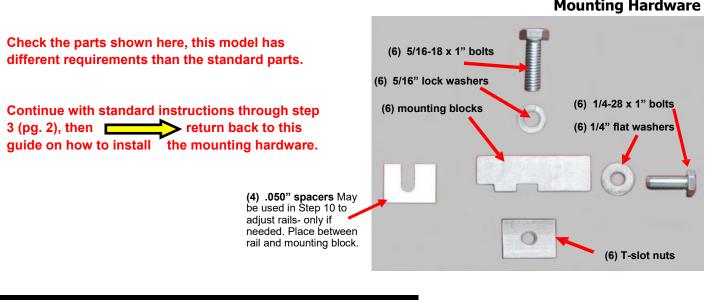
For proper cover operation, ensure rails are positioned correctly (must be parallel). See step 6 & 7 in standard instructions).





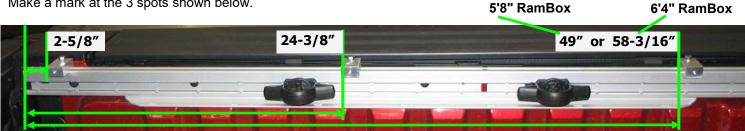
NOTE: The rolling cover has superior quality rail weather-strip seals. The weather-strip seals will have an initial 48 hour break in period. Please inform the end user to help the cover to the tailgate each time the cover is opened for the first 48 hours or until it is able to close completely on its own.

Dodge Ram Box 2009-up

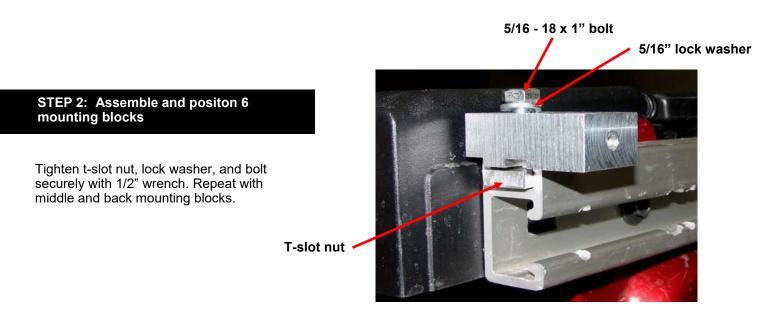


STEP 1: Measure and mark the top of the factory track for mounting block locations.

Make a mark at the 3 spots shown below.



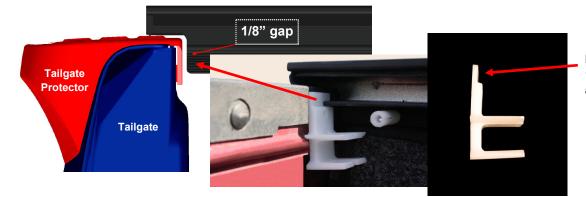
Tailgate end



Dodge Ram Box 2009-up

STEP 3: Lift the assembled cover into the bed and position the rails

Using two people lift the cover and place it at the very front of the bed. Close the tailgate of the pickup.



Move the rails to achieve the 1/8" gap using the 1/8" part at the top of the bracket.

NOTE: The front cover weather-strip must lay flat across the truck bed. Make certain it is pointed towards the cab. If it extends past the bed rail cap, cut to fit right up to the cap on the truck bed.

STEP 4: Position and bolt rolling cover rails to mounting blocks.

Center the threaded holes in the mounting blocks behind the openings of the rolling cover rail. Install 1/4" - 28 x 1" bolt and flat washer in all 6 holes. Use a 7/16" wrench to fasten.





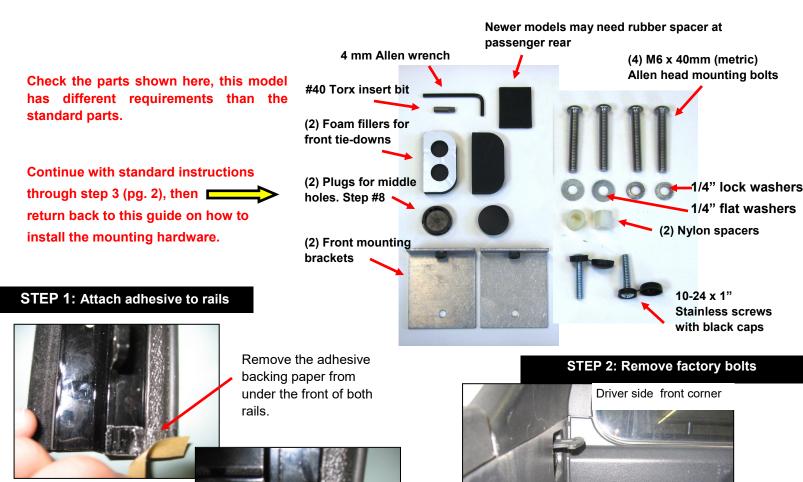
Continue with standard instructions on step 6 (pg. 3)

FOR STEP 7 IN STANDARD INSTRUCTIONS:

The .050" spacers can be used to narrow the distance between the rails if needed to get the rails parallel to each other. Position the spacers between the back of the rolling cover and mounting block.

NOTE: Due to the unique configuration of the Dodge Ram Box rails and toolboxes, it is not possible to completely seal the bed with a bed cover. 18" of 1/2" thick self-adhesive weather-strip has been provided that can be applied where desired at the owner's/installer's discretion.

Honda Ridgeline 2006-2015



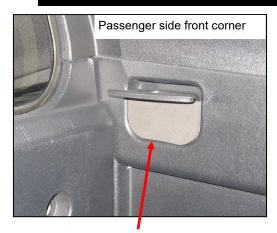
Push the front seal firmly into place over the adhesive keeping the seal even

STEP 3: Remove factory screws



Remove factory screws and spacers from both rear posts using #40 Torx bit. Drivers' rear corner is shown. Remove the factory bolts from both corners of the front wall of the bed. Use #40 Torx bit. (included)

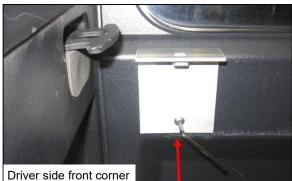
STEP 4: Attach foam to tie downs



Remove the adhesive backing paper from the foam fillers for the tie-downs. Push into place over the tie-down bolts. Repeat on drivers side.

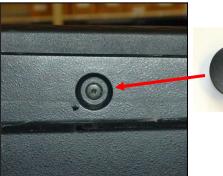
Honda Ridgeline 2006-2015

STEP 5: Install front mount brackets



Install front mount brackets as shown. Slide lock washer onto M6 x 40mm bolt, push bolt through hole in mount bracket and start threading into front holes in the bed. Hold mount bracket level and tighten using the 4 mm Allen wrench. (included) Repeat on passenger side.

STEP 6: Insert plastic plugs





Insert black plastic plugs into middle holes. Push the 2 supplied plugs into the 2 middle factory holes on both sides of the bed.

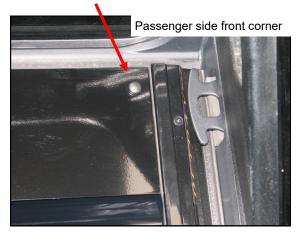
STEP 7: Lift the assembled cover into the bed

Using two people, lift the cover and place it at the very front of the bed. Close the tailgate of the pickup.



STEP 8: Attach front cover to brackets

Start threading the (2) 10-24 x 1 mounting screws w/ black caps through the front cover into the front mount brackets. Do not tighten yet. Once rear brackets are tight, then fully tighten front screws using a #2 Phillips screwdriver. Fasten screw cover when finished.



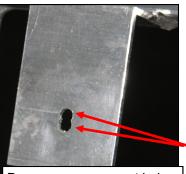
STEP 9: Attach rear end to brackets

Start rear mounting screws. Slide a flat washer onto the (2) M6 x 40mm (metric) rear mount bolts, insert bolts through holes in rear rail brackets, then insert nylon spacer and start threading into factory holes at rear. Use 4mm Allen wrench.



Honda Ridgeline 2006-2015

STEP 10: Select proper mounting hole location

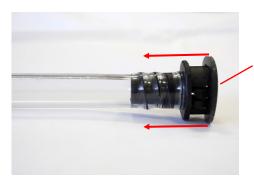


Passenger rear mount holes

On the passenger rear mount plate, the hole used depends on if the rubber spacer is needed (see step 11). Most 2008 and older beds use the upper holes without the spacer. During the 2008 model year the passenger side of the Honda tailgate was raised slightly. The late 2008 and newer models use the lower hole and the rubber spacer. This is needed for clearance over the tailgate.

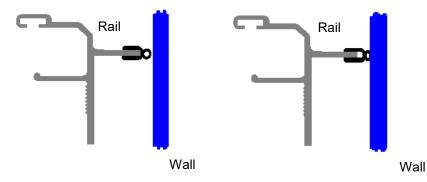
STEP 12: Assemble and install drain tube

Remove plastic film from the canister.

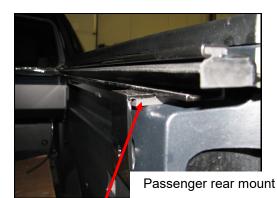


Slide rubber washer onto drain tube fitting and insert tubes into the holes in the bottom of the canister. Make certain they are clicked in all the way for proper drainage. 2 clicks means they are secured.

Optional Rail Weather Adjustment: The inside walls of the Ridgeline bed have a slight bow outward from front to back. This can cause a slight gap between the rail weather strip and the side wall of the bed. The rail weather strip can be moved towards the bed wall if needed. Slide the weather strip firmly against the wall to close the gap.

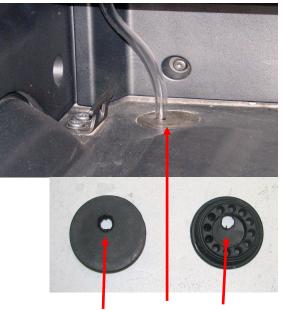


STEP 11: Add rubber spacer



The rubber spacer provided can be added underneath passenger rear mount bracket for proper clearance over factory tailgate protector.

Peel off adhesive strip from rubber spacer and attach spacer underneath mount bracket as shown.



You can pass the tubes through the 2 factory plastic bed bolt covers. Remove the covers and drill a loose $\frac{1}{2}$ " hole or a 9/16' hole for the tubes. Offset the holes as shown.



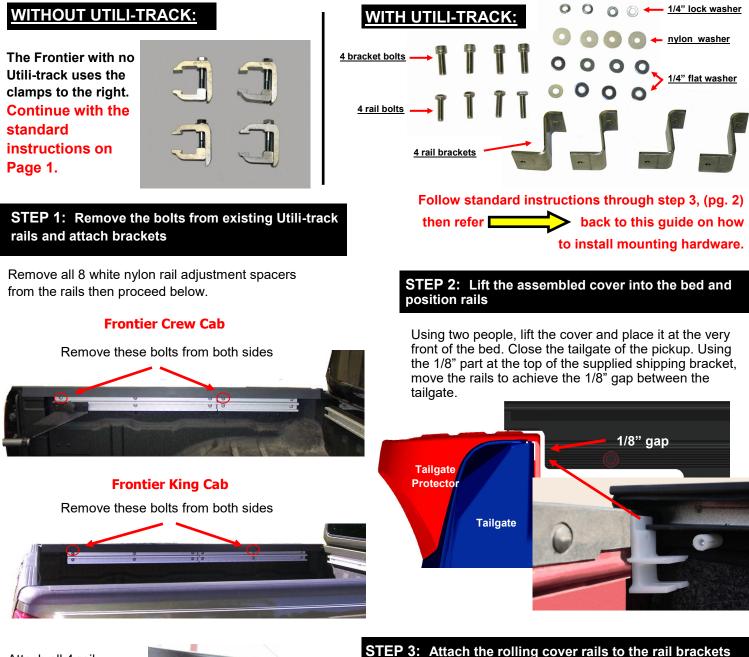
Refer back to the standard instructions for final notes, maintenance, and use.

Rearview passenger side rail

Rearview passenger side rail

Nissan Frontier 2005-up

Check the parts shown here, this model has different requirements than the standard parts.



Attach all 4 rail brackets to these holes using the 4 bracket bolts (long leg points up).



FOR STEP 7 IN STANDARD INSTRUCTIONS: To decrease the distance between the rails you add spacers next to the nylon washers between the rolling cover rail and the rail bracket. To increase the distance between the rails you remove washers or use thinner washers in place of the nylon spacers.



bracket.

Use a rail bolt with lock washer and flat

washer and insert through hole in rolling

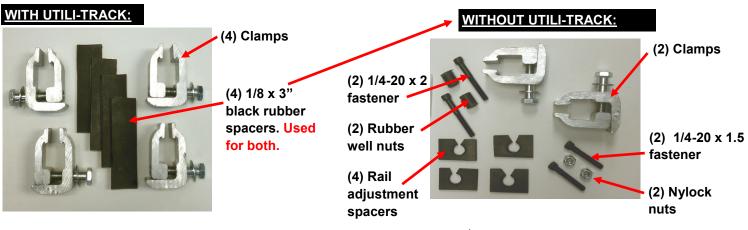
cover rail then use 1 white nylon washer between the rail and rail bracket. Start threading the rail bolt into the rail

Continue with standard instructions on step 6 (pg. 3)



Nissan Titan 2004-2015

Check the parts shown here, this model has different requirements than the standard parts.



refer back to this guide on how to Continue with standard instructions through step 4 (pg. 2), then install the mounting hardware.

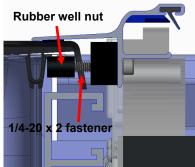
WITH Utili-track option ONLY:

holes in each rail near the canister. Hold the drill level and drill 1/4" through the center of the front mounting holes in the rails and through the pickup bed

Depending on the length of the bed, there are 3 different

rail.

Start at the front. Insert the Allen head bolts (1/4-20x2) through the correct hole in the rail. Start threading and tightening the bolt into the rubber well nuts. Hold the rubber nut with the end of your fingers behind the Utili-track rails.



Fasten the clamps over the rubber blocks at the rear of both rails using a 9/16" wrench. To bolt the rails in place, hold the drill level and drill 1/4" holes through the center of the rear mounting holes in the rails and through the pickup bed rails. Insert the Allen head bolts (1/4-20x1.5") into the predrilled holes on the rails and thread into Nylock nuts.

WITHOUT Utili-track: Attach clamps to rails



Fasten the clamps over the spacers on both ends of the rail using a 9/16" wrench.

The distance

rail caps.

between the rails is

FOR STEP 7 IN STANDARD INSTRUCTIONS:



at step 6 (pg. 3)

reduced by adding rubber rail adjustment spacers to the rubber blocks behind the bolts or clamps. Slide the spacers between the rail spacers and the pickup bed



Pg. 14

<u>Nissan Titan 2016-up</u>

Check the parts shown here, this model has different requirements than the standard parts.

WITHOUT UTILI-TRACK:

The Titan with no Utili-track uses the clamps to the right. Continue with the standard instructions on Page 1.



STEP 1: Remove plastic caps

Remove and save the black plastic cap at the rear of the Utili-track on both sides of the truck.

NOTE: The factory tie-downs may cause interference with the lock when rolling.

Option 1: Use as is and push lock handle down slightly to bypass the factory tie-downs.

Option 2: Remove the tie-downs before installation. (disregard further reference to tie downs.)

Option 3: Smaller aftermarket tie-downs may be utilized in place of the larger original tie-downs.

STEP 3: Re-insert tie downs and 2nd cleat

Re-insert tie downs into the track. Insert 2nd mounting cleat into track system on each side and position it underneath the white nylons spacers closest to the tailgate. (Figure 2)

Finish by re-inserting the black plastic cap into the rear of the track system.





WITH UTILI-TRACK:

The Titan that has the Utili-track uses the clamps to the right.



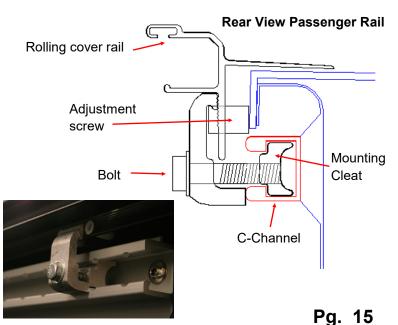
Follow standard instructions through step 3, (pg. 2) then refer back to this guide on how to install mounting hardware.

STEP 2: Insert mounting cleats

Loosen and slide out the movable truck tie downs on each side of the bed. Insert (1) mounting cleat into the track system on each side, position it underneath the white nylon spacers **closest to the front of the bed**. **Important: Hole should be toward bottom of channel**.

FOR STEP 5 ON STANDARD INSTRUCTIONS:

This photo shows how the clamp will mount to the rail. It is **important** to be sure that the threaded hole on the cleat is closest to the bottom of the C-Channel.

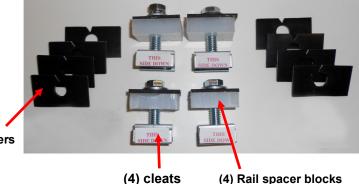


Toyota Tacoma 2005-2015

Check the part shown here, this model has different requirements than the standard parts.

Continue with standard instructions through step 3 (pg. 2), then refer back to this guide on how to install the mounting hardware.

> (8) Rubber rail adjustment spacers



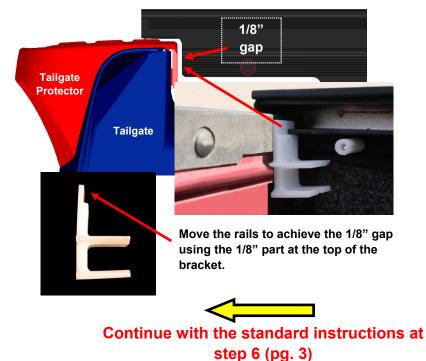
STEP 1: Install front rail gasket

Be sure foam is added to front bed rail, not the C-Channel rail. Trim to fit.



STEP 3: Lift assembled cover into bed and position the rails

Using two people, lift the cover and place it at the very front of the bed. Close the tailgate of the pickup.





(4) Rail spacer blocks

STEP 2: Insert mounting cleats

Remove and save the black plastic cap at the rear of the Deck Rail track system on both sides of the truck. Loosen and remove tie-downs or other accessories from each side.

Insert (2) mounting cleats into the track system on each side.



Make certain the hole is up

STEP 4: Bolt rails to pickup bed rails

Position rail spacer block and cleat in line with the hole in the rail. Start threading bolt with washer into cleat. Attach using a 9/16" wrench. Repeat at other 3 mount locations. Keep rail level when tightening bolts.

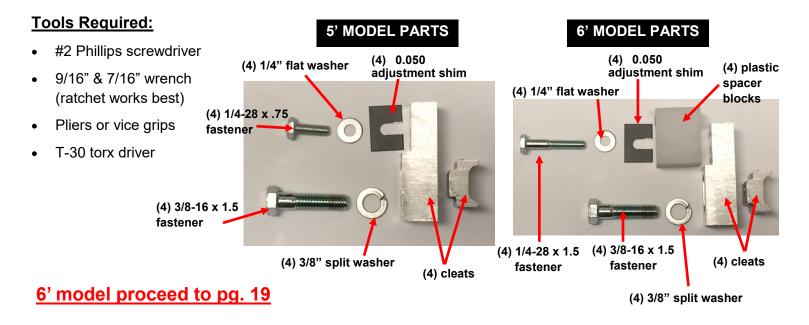


Rail spacer block



Toyota Tacoma 2016-up

Check the part shown here, this model has different requirements than the standard parts.



RECOMMENDED FOAM (5' model only)

Remove film from the canister on the 5' model only, before installation.

On the 5' model, there is an aluminum lip that sticks out on the bottom of the canister. The supplied foam pieces are recommended to prevent scratches on your truck.

With the edge of the cover facing you, roll the canister **90° away** from you. The foam will line up with the rear-bottom fold . Remove adhesive backing and apply the foam to both sides.

Rear-bottom fold



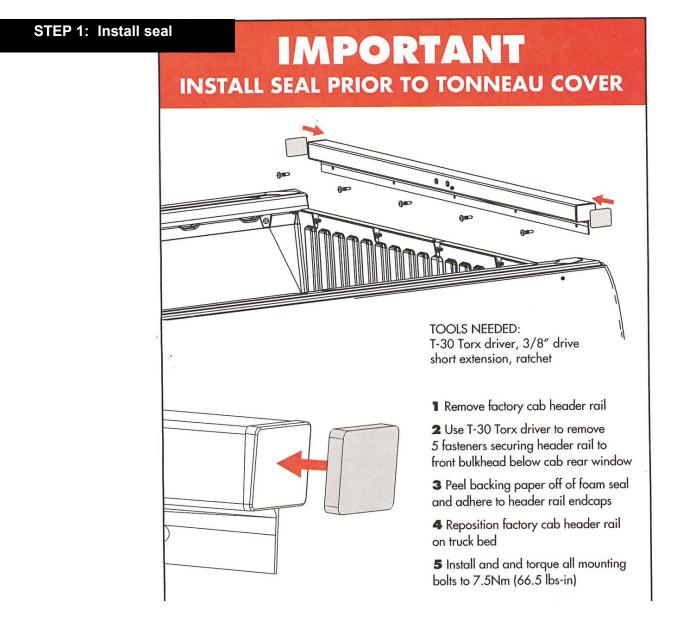
5' MODEL ONLY:

Remove the front tie downs in the bed. Use a T-30 torx.



Toyota Tacoma 2016-up

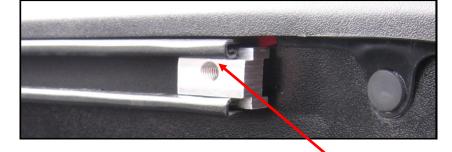
FOR BOTH MODELS:



STEP 2: Insert mounting cleats

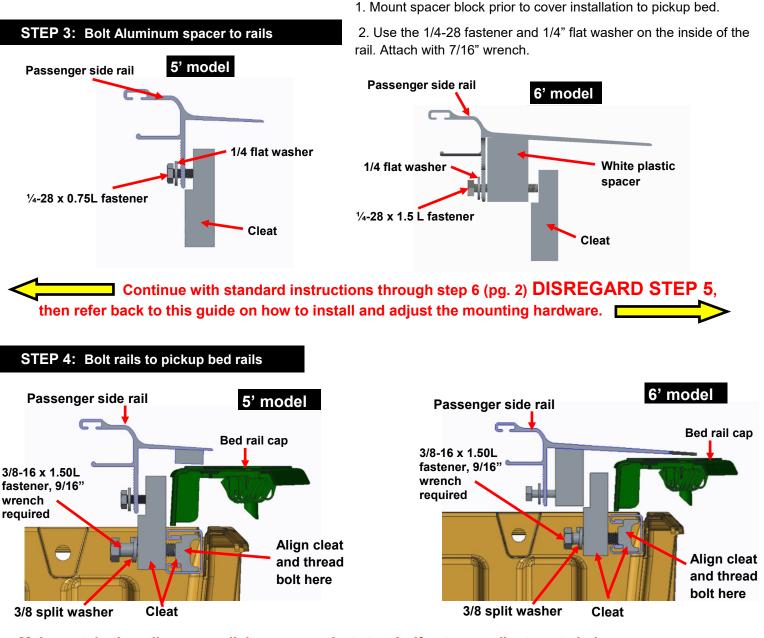
Remove and save the black plastic cap at the rear of the Deck Rail track system on both sides of the truck. Loosen and remove tie-downs or other accessories from each side.

Insert (2) mounting cleats into the track system on each side.



Make certain the hole is up

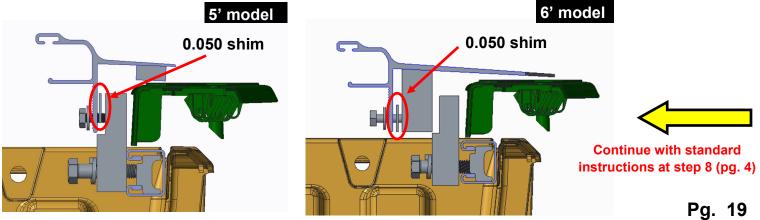
Toyota Tacoma 2016-up



Make certain the rails are parallel - see page 3 at step 6. If not, see adjustments below.

STEP 5: Adjust rails to maintain parallel rails

If rails are too far apart add 0.050 shim between rail and aluminum spacer . Continue adjustment until rails are parallel. Shim is circled in red.



<u>Toyota Tundra 2007-up</u> w/ Deck Rail System

Check the parts shown here, this model has different requirements than the standard parts.

Follow standard instructions through step 3, (pg. 2) then refer back to this guide on how to install mounting hardware.

STEP 1: Remove plastic caps

Remove and save the black plastic cap at the rear of the Deck Rail track system on both sides of the truck. Loosen and slide out the movable truck tie downs on each side of the bed.

STEP 3: Re-insert tie downs and 2nd cleat

Re-insert the tie down clamps on each side of the bed, before inserting 2nd cleat.

After putting tie downs back into bed, insert 2nd mounting cleat into track system on each side, positioning it approximately 8" from tailgate.

Finish by re-inserting the black plastic cap into the rear of the track system.

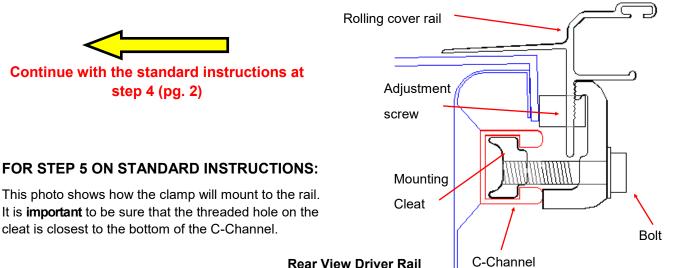
step 4 (pg. 2)



STEP 2: Insert mounting cleats

Insert 1 mounting cleat into the track system on each side, position it about 15" from the front of the bed.





Rear View Driver Rail