

22-Up Toyota Tundra 5'7" Bed Cap

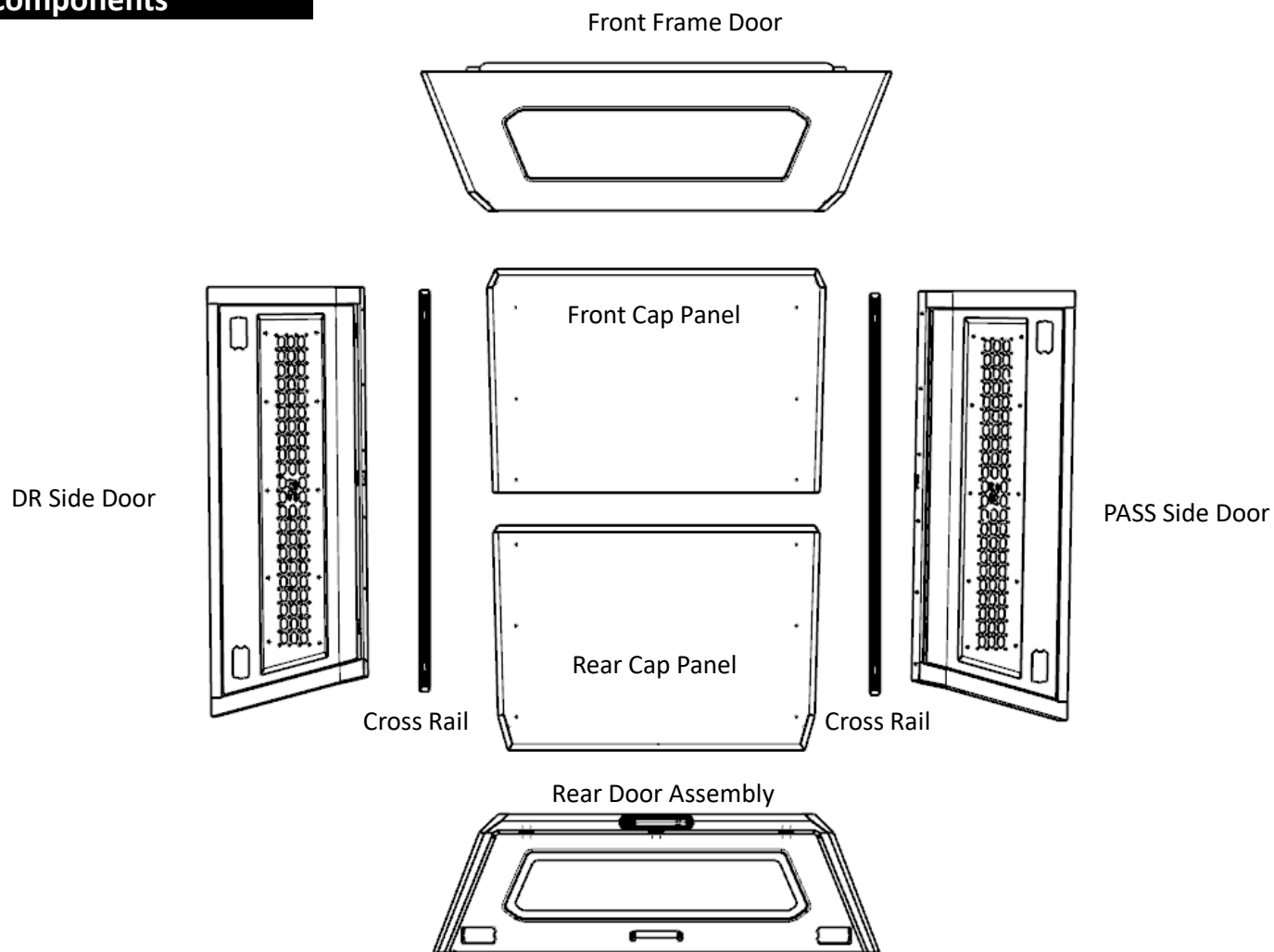
Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go. If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product. Check all fasteners for proper torque. Check to ensure for adequate clearance between all components. Periodically check all hardware for tightness.

Care and Cleaning

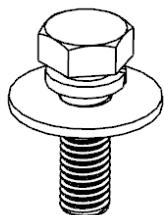
- Mild soap may be used also to clean the Product.
- Periodically check hardware for tightness.

Components



INSTALLATION INSTRUCTIONS

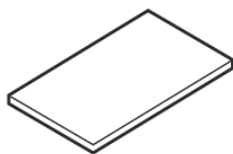
- **Hardware kits for the bed cap**



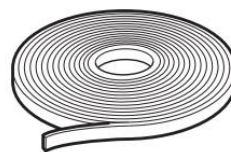
8mmx25mm
Combo Kits x40



Sealing Strip x1



Black Short Pads x8



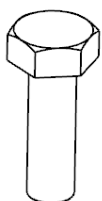
Foam Seal Tape x1



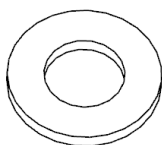
Adhesion
promoter x1

- **Bottom Sealing Strip, Bottom Short Pads, Foam Seal Tape**

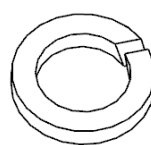
- **Hardware kits for the Front/Rear Roof Top**



8mmx25mm Hex Bolts x5

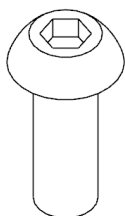


8mm Flat Washers x5

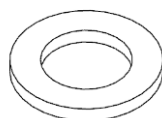


8mm Lock Washers x5

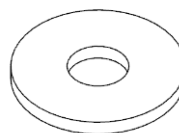
- **Hardware kits for the cross rail**



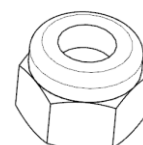
6mmx16mm Allen Bolts x12



Plastic 6mm Flat Washers x12



6mm Flat Washers x12



6mm Lock Nuts x12

- **Tools**



Ratchet



Extensions



13mm Socket



10&13mm Wrench



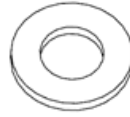
S4

STEP 1

Install the front roof top bed cap panel and the rear roof top bed cap panel, align with each other and install hardware, do not tighten the hardware.



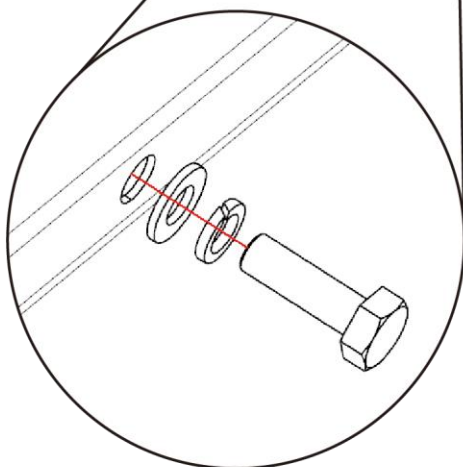
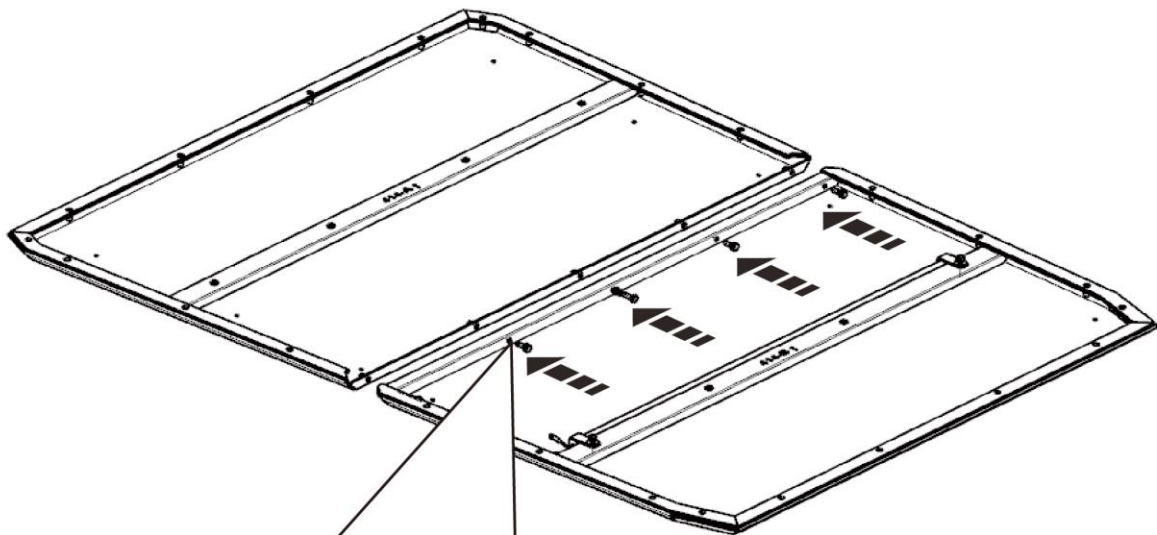
8mmx25mm Hex Bolts x5



8mm Flat Washers x5



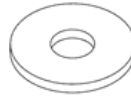
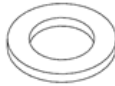
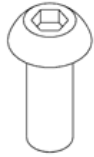
8mm Lock Washers x5



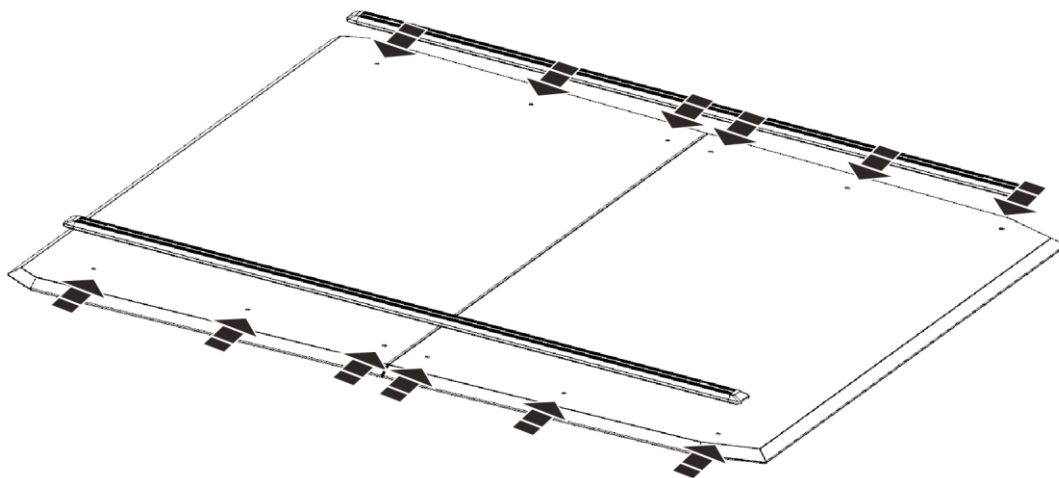
Align the mounting holes of the front bed cap panel and the rear bed cap panel

STEP 2

Install the Utility rail on the bed cap top panels by inserting the supplied 6 mm x 16 mm Bolts / 6 mm plastic washers in the rail from the top and secure the rail to the bed cap top panel with the 6 mm flat washers and 6 mm Flange lock nuts.

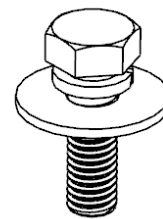
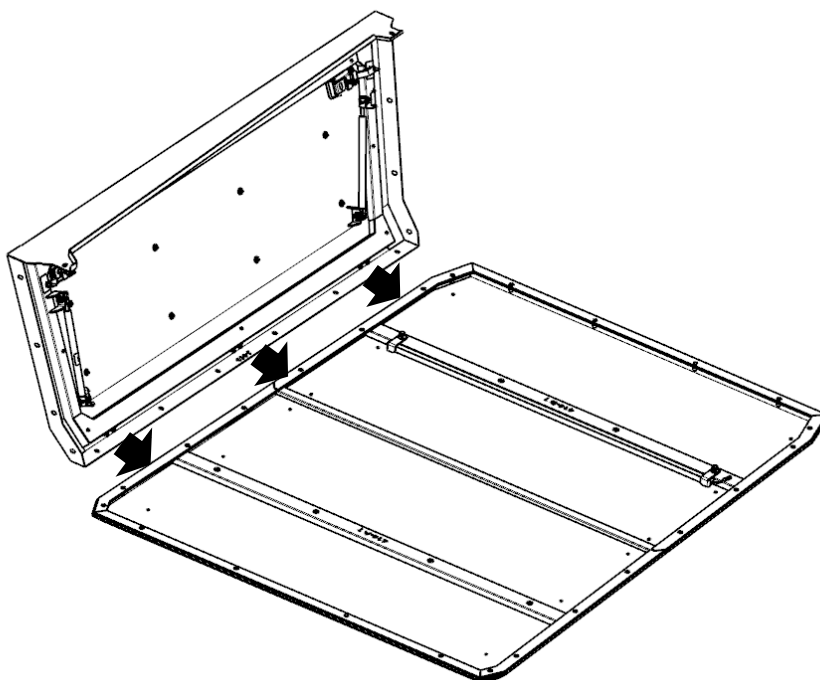


6mmx16mm Allen Bolts x12 Plastic 6mm Flat Washers x12 6mm Flat Washers x12 6mm Lock Nuts x12



STEP 3

Install the DR Side Door to the bed cap roof panel, do not tighten the hardware.



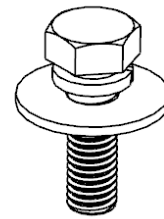
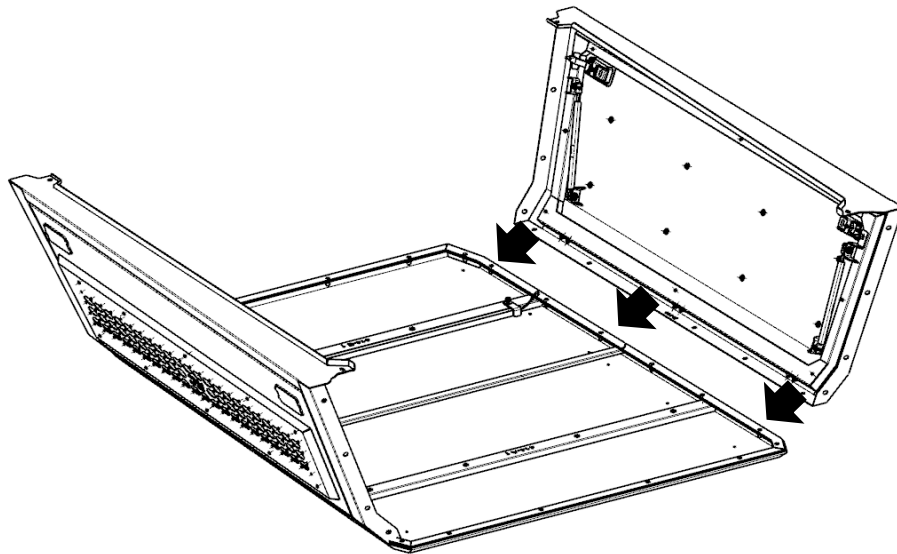
X 6

8 mm x 25 mm Bolt, Lock washer and Flat Washer

INSTALLATION INSTRUCTIONS

STEP 4

Install the PASS Side Door to the bed cap roof panel, do not tighten hardware.

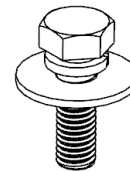
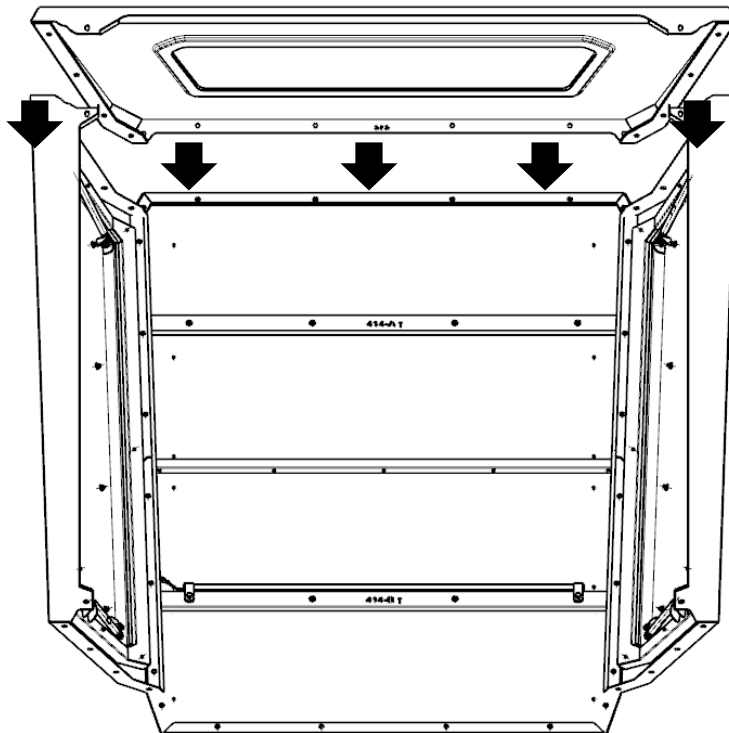


X 6

8 mm x 25 mm Bolt, Lock washer and Flat Washer

STEP 5

Install the front frame to the bed cap assembly, do not tighten the hardware.

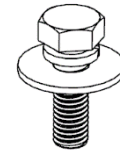


X 14

8 mm x 25 mm Bolt, Lock washer and Flat Washer

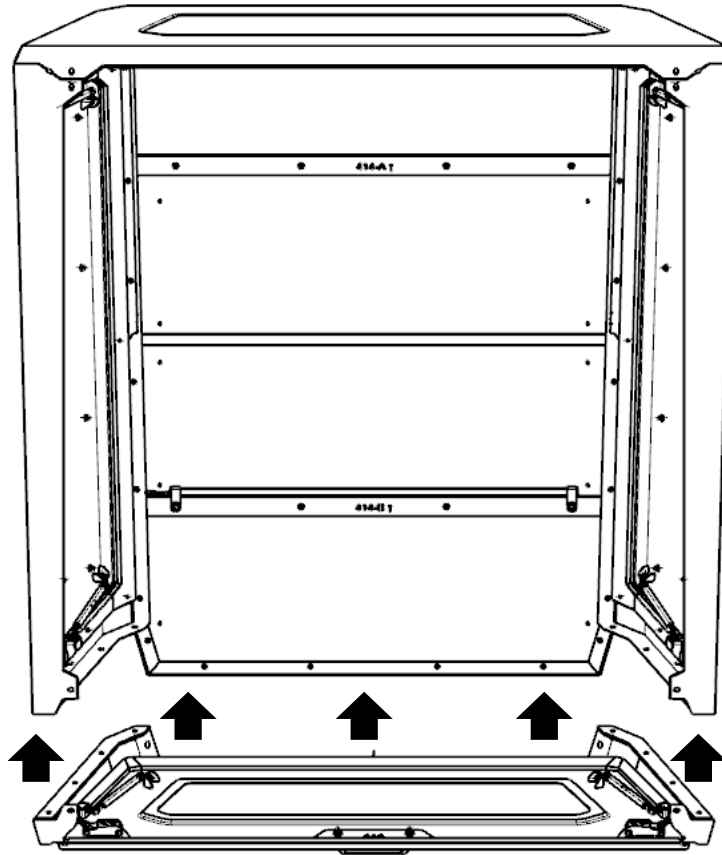
STEP 6

Install the rear door assembly to the bed cap assembly, do not tighten the hardware.



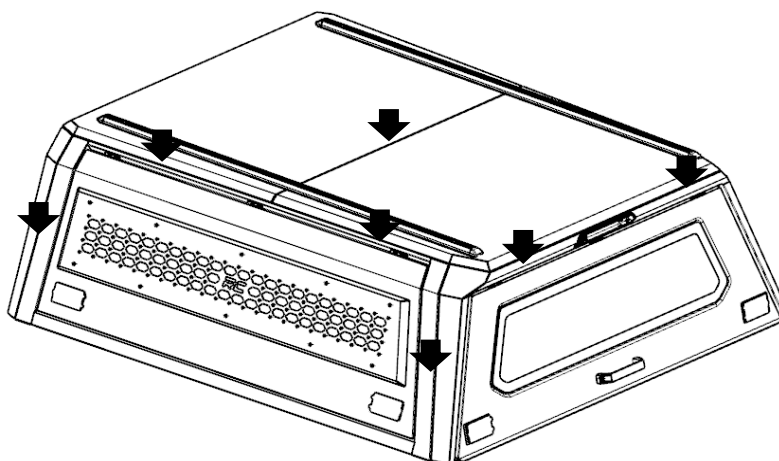
X 14

8 mm x 25 mm Bolt, Lock washer and Flat Washer



STEP 7

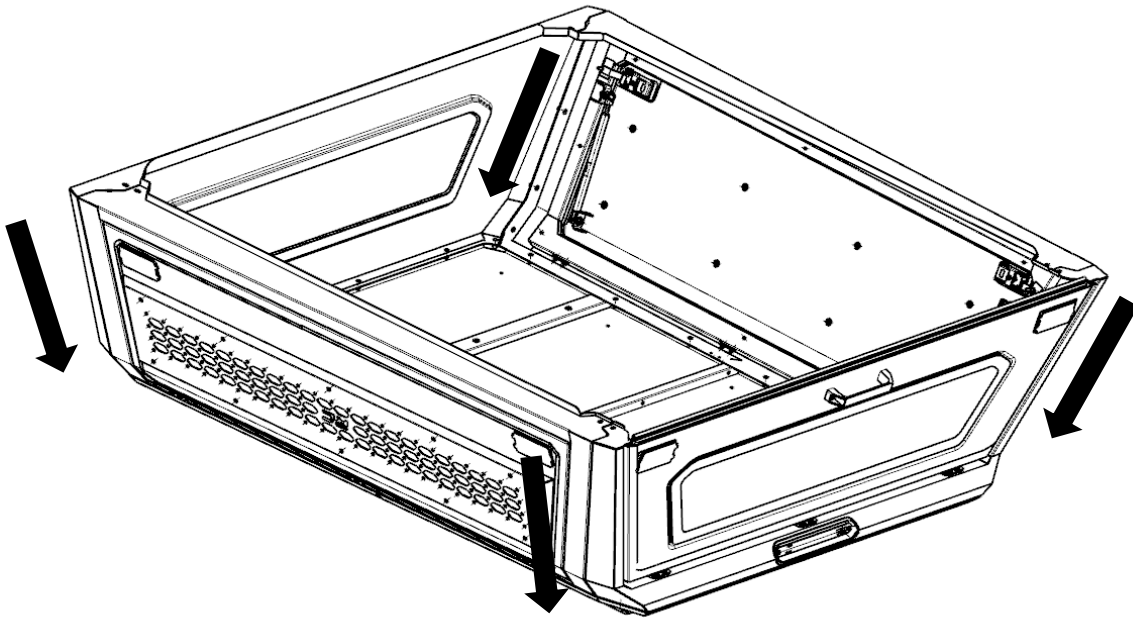
Adjust the gap of each panel ensuring the bolt holes / panels are aligned. Tighten hardware. The same method will be used for the opposite side.



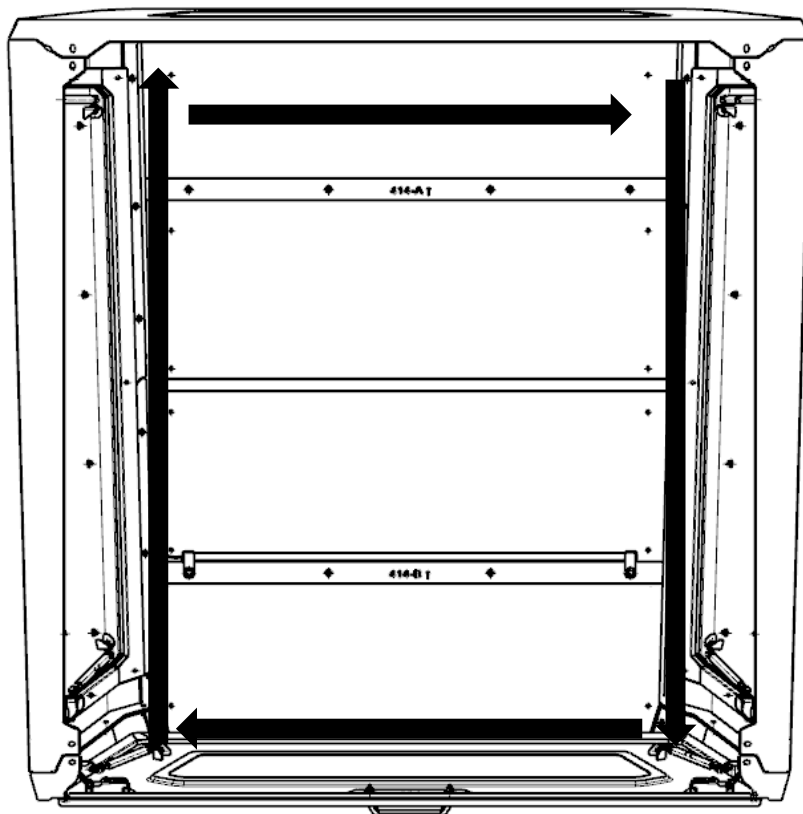
Align all panels

INSTALLATION INSTRUCTIONS

➡ Tighten the (16) bolts of the bed cap then proceed to the top panel hardware.



➡ Tighten (24) bolts of top panel as shown below.



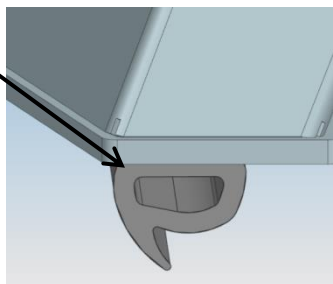
STEP 8

Wipe and clean the bottom of the bed cap. Apply adhesive promoter evenly around the area where the Sealing strip needs to be applied, Apply the Sealing Strip to the bottom paying attention to the location and orientation of the stip. See below.



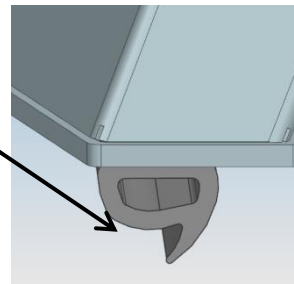
REAR FLANGE

CORRECT D-RUBBER ORIENTATION



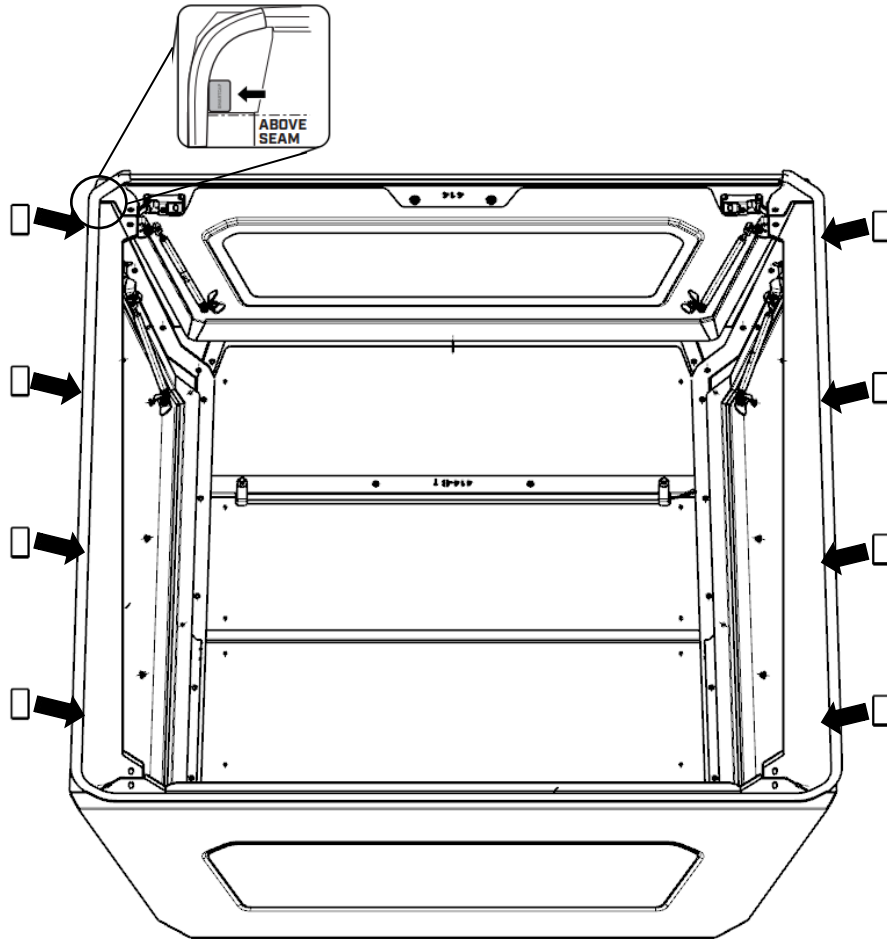
REAR FLANGE

INCORRECT D-RUBBER ORIENTATION



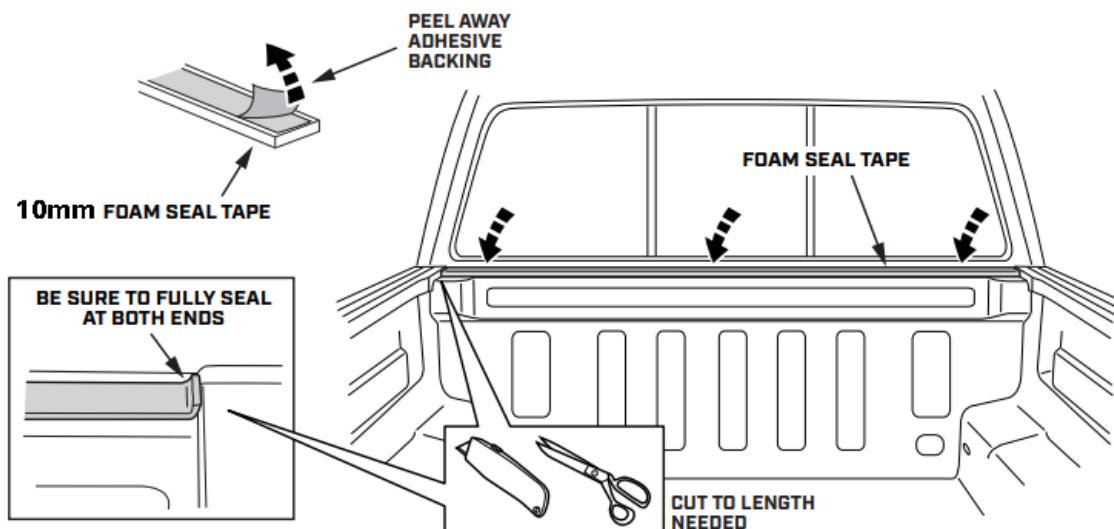
STEP 9

Place the short pads along the inside of the sealing strip previously installed at the indicated locations. This is performed to give the bed cap a firm location to rest and protect the bed of the vehicle.



STEP 10

Apply the Foam Seal Tape to the top of the bulkhead on the truck bed and trim any excess if needed.

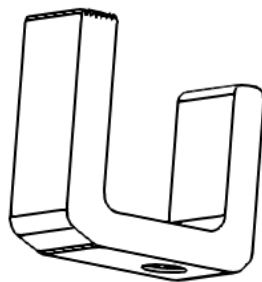


INSTALLATION INSTRUCTIONS

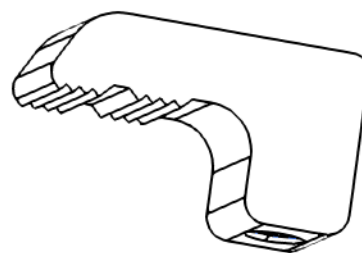
● Mounting brackets and hardware



Upper Brackets (fit for non-utility rail equipped vehicle only) x8



Bottom Brackets (fit for non-utility rail equipped vehicle only) x8



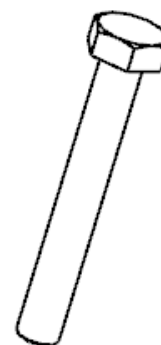
Upper Brackets (fit for utility rail equipped vehicle only) x8



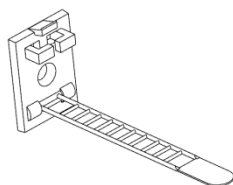
Bottom Brackets (fit for utility rail equipped vehicle only) x8



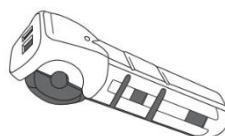
10mm Flat Washers x8



10mmx55mm Hex Bolts x8



Zip Ties x20



T-shaped wire clip x2

● Tools



Ratchet



16mm

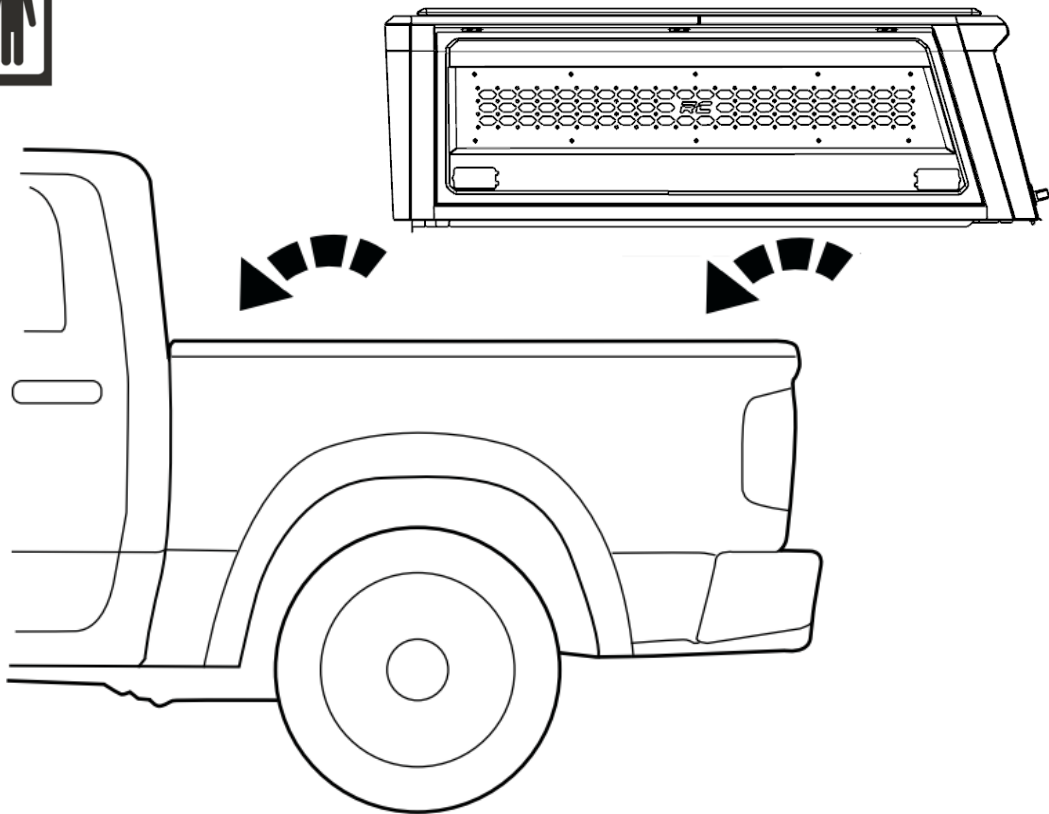


16mm



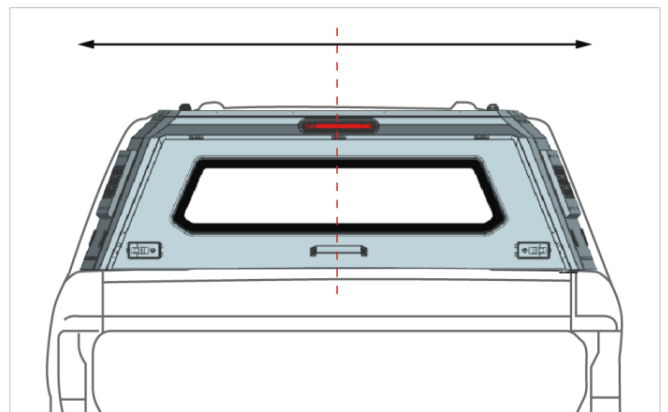
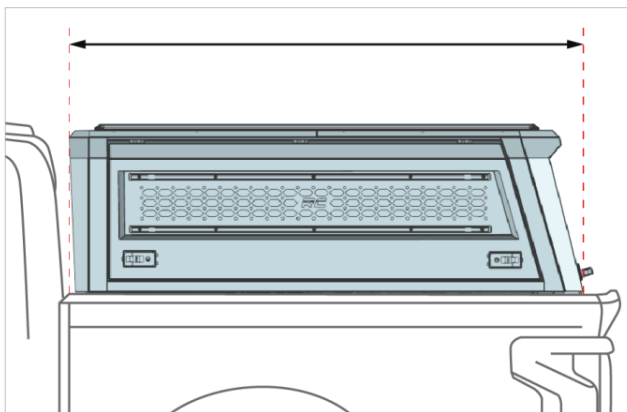
STEP 11

It is recommended to use four people to lift the assembled bed cap onto the bed of the vehicle. To avoid damaging the bottom sealing strip, do not slide the bed cap lid into position.



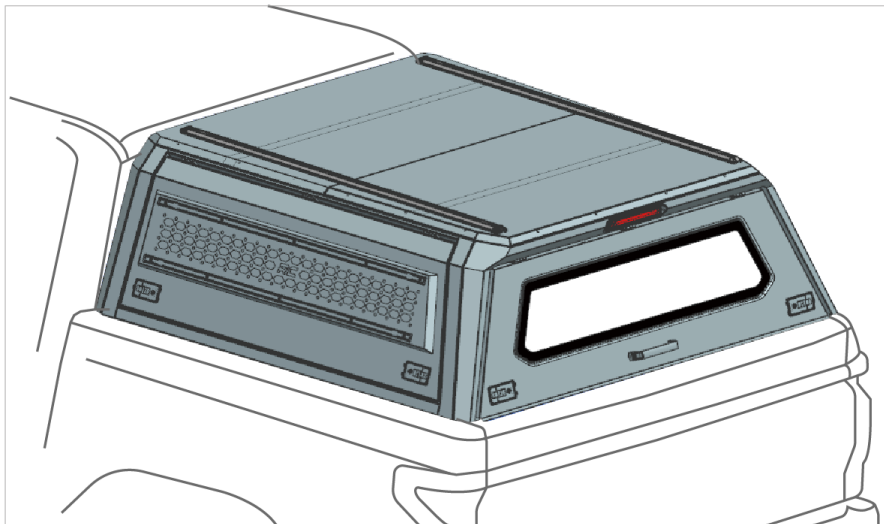
STEP 12

Check the position of the bed cap with the vehicle and center if needed. Do NOT slide the bed cap as that could cause damage to the lower seal. Please note that there should be a gap of 20mm or more between the bed cap and the cab. Do NOT push the bed cap too close to the cab.



STEP 13

Walk around the bed cap and bed to ensure that the bottom seal strip is installed correctly and the strip is properly inserted under the bed cap.



STEP 14

For the vehicles equipped with the factory utility rail, there will be (8) Bottom Brackets(fit for utility rail equipped vehicle only) and (8) Upper Brackets required(fit for utility rail equipped vehicle only) (Fig.1).

For the vehicles without the factory utility rail, there will be (8) Bottom Brackets(fit for non- utility rail equipped vehicle only) and (8) Upper Brackets required(fit for non- utility rail equipped vehicle only) (Fig.2).

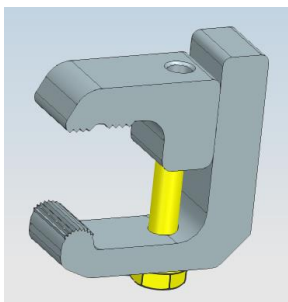


Fig.1

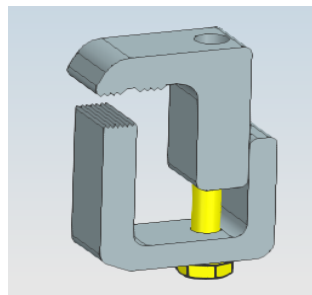
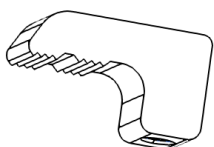
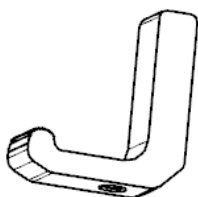


Fig.2

Installation Components: For the vehicles equipped with the factory utility rail.



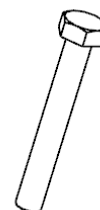
Upper Brackets(fit for utility rail equipped vehicle only) x8



Bottom Brackets(fit for utility rail equipped vehicle only) x8



10mm Flat Washers x8



10mmx55mm Hex Bolts x8

INSTALLATION INSTRUCTIONS

First, use hardware kits as shown in Fig. 3 to assemble the upper and bottom brackets, do not tighten the hardware. Then, as shown in Fig. 4, clamp the serrated part of the lower bracket into the factory utility rail, place the serrated part of the upper bracket on the bottom surface of the cap, and slightly tighten the bolts by hand to ensure that the bed cover clamps do not fall off. After that, use a tool to fully tighten the bolts until the bed cover clamps are stable and secure. Install two bed cover clamps on the front frame door, and three bed cover clamps on each of the two side doors.

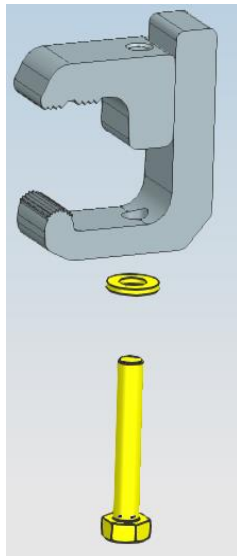


Fig.3

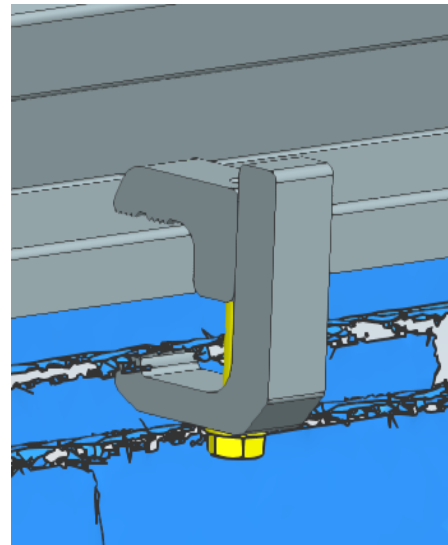
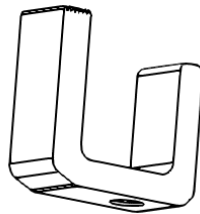


Fig.4

Installation Components: For the vehicles without the factory utility rail.



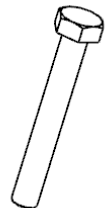
Upper Brackets(fit for non-utility rail equipped vehicle only) x8



Bottom Brackets(fit for non-utility rail equipped vehicle only) x8



10mm Flat Washers x8



10mmx55mm Hex Bolts x8

First, use hardware kits as shown in Fig. 5 to assemble the upper and bottom brackets, do not tighten the hardware. Then, as shown in Fig. 6, clamp the serrated part of the lower bracket into the factory utility rail, place the serrated part of the upper bracket on the bottom surface of the cap, and slightly tighten the bolts by hand to ensure that the bed cover clamps do not fall off. After that, use a tool to fully tighten the bolts until the bed cover clamps are stable and secure. For the vehicles without the factory utility rail, only install four bed cover clamps on each of the two side doors, and no bed cover clamps are needed on the front frame door.

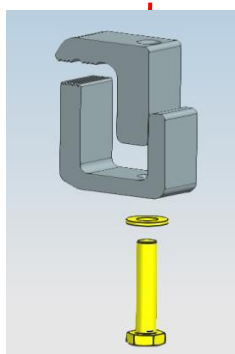


Fig.5

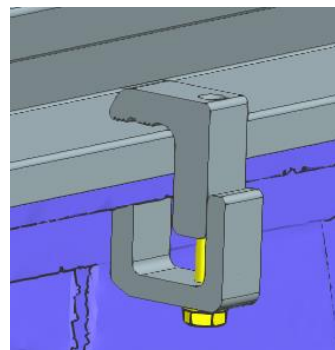
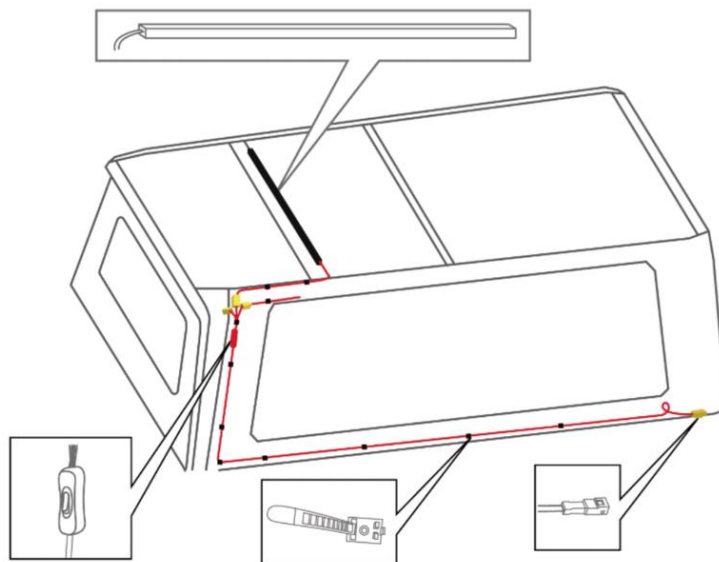
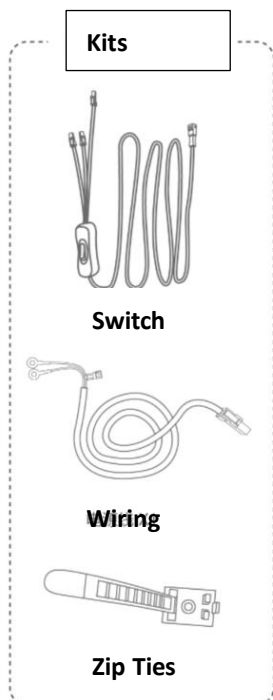


Fig.6



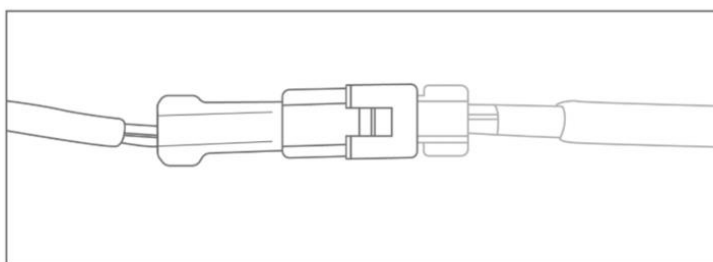
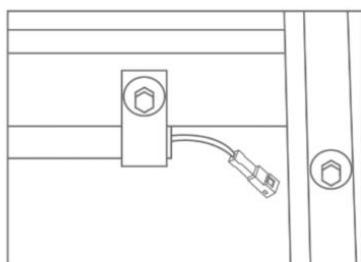
STEP 15

Peel off the backing on the adhesive back of the switch and position the switch onto the bed cap panel. Using zip ties, secure the wire onto the bed cap.



STEP 16

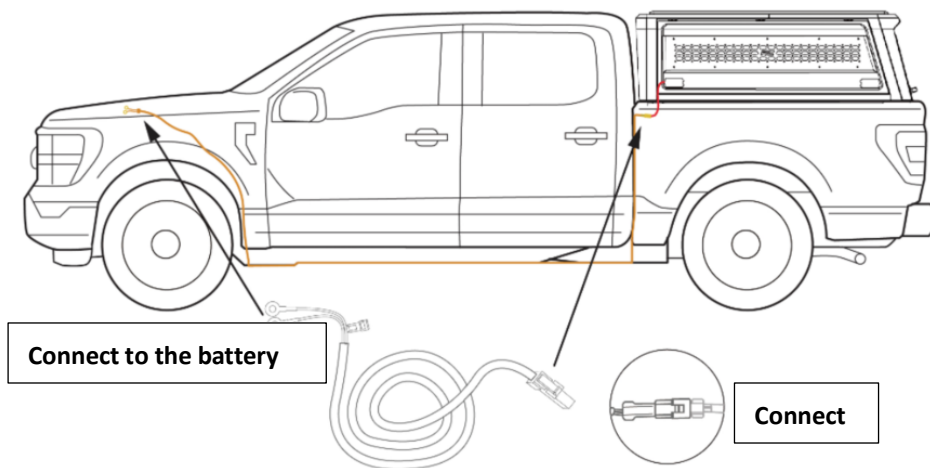
There are three plugs connected together on the switch. Connect the plug with the House label on the wire to the plug of the light strip. The other two plugs are for the optional side shelf unit and side storage unit with molle panel.



STEP 17

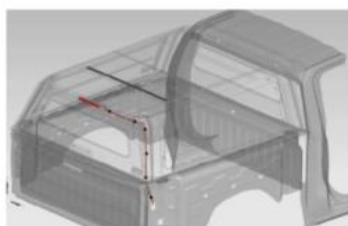
Connect the plug on the wiring to the separate plug on the switch, then route the wiring from the rear of the vehicle along the bottom of the vehicle taking care to route away from excessive heat and moving components. Route to the battery position or other 12-volt source on the vehicle. Connect the positive and negative of the wiring to the positive and negative terminals of the battery or 12-volt source. (See Next Page)

INSTALLATION INSTRUCTIONS

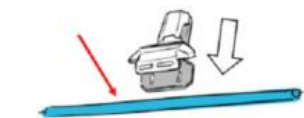


STEP 18

Remove the tail light by removing the two bolts on the inside bed with a 5/16 socket. Pull the two wires of the brake light along the edge of the bed cap and route into the driver side tail light mounting area through the bed. Locate the brake light wire and using a T-shaped wire clip, secure the wire to the stock brake light wire. Using zip ties, secure the wire onto the bed cap. Reinstall the tail light.



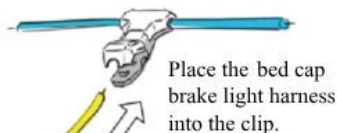
Place the OE brake light harness into the clip.



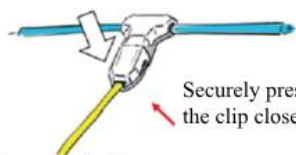
Securely press the clip closed.



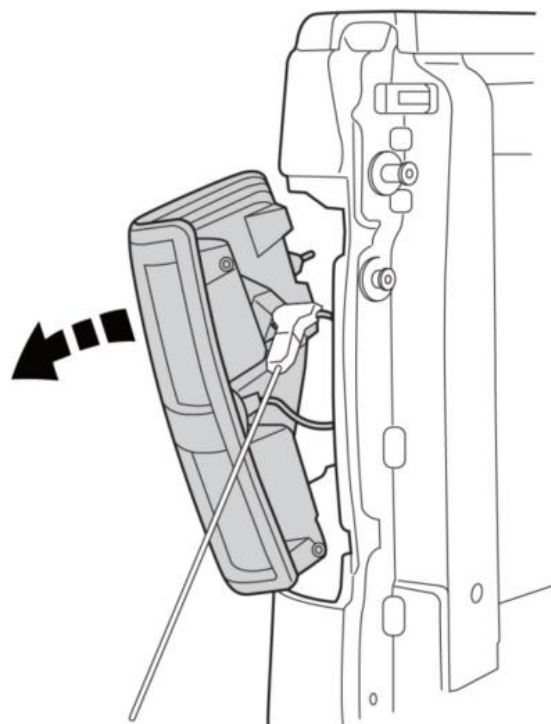
NOTE: Make sure the wire is seated properly in the clamp jaws before clamping. The wire must be centered in the "teeth" of the jaws for a proper connection.



Place the bed cap brake light harness into the clip.



Securely press the clip closed.



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