

OCAM

4x4
ACCESSORIES

INSTALLATION INSTRUCTIONS

PART NUMBER: TC-M-Cannon

APPLICATION: GWM Cannon 2019MY+

FITTING TIME: 3 Hours



OCAM 4x4 Accessories
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IMPORTANT INFORMATION

- Always wear safety glasses and hearing protection.
- Make sure work area is kept clean at all times.
- Check that all components, as listed, are present.
- Thoroughly read all instructions.
- This product or its fasteners must not be modified in any way.
- These instructions are accurate as at the revision date and do not take into account any changes made by the vehicle manufacturer to vehicle design after the revision date, or other accessories that are or have been fitted to the vehicle.
- It is the responsibility of the installer to confirm correct operation/clearance of all components.
- All holes drilled must have all burrs and swarf removed then coated with a suitable rust preventative paint.
- Ensure that all hardware is fastened to torque list as detailed in these instructions.
- On completion of the job, these instructions are to be given to the customer.

PRODUCT CARE

- To maintain the appearance of the product, wash and dry regularly using a quality car wash.
- The product should be periodically checked for tightness.

NOTE

- ONLY USE DRY LUBRICANTS FOR TONNEAU COVER, NO OIL BASED LUBRICANTS.
- TONNEAU COVER IS WEATHERPROOF AND WILL SEAL AROUND THE TOP OF UTE TUB, THIS KIT WILL NOT SEAL EXISTING HOLES/GAPS FROM MANUFACTURE.
- INSPECT PARTS BEFORE BEGINNING INSTALLATION, ANY ISSUES OR CONCERNS ARE TO BE RAISED WITH OCAM 4X4 ACCESSORIES AFTER SALES TEAM BEFORE INSTALLING TO VEHICLE.

Torque Settings		
BOLT SIZE mm	TORQUE Nm	TORQUE ft.lb
M5	5	4
M6	9	7
M8	22	16
M10	44	32
M12	77	57

Tools Required

Drill	13mm socket
10mm drill bit	Debur tool
22mm hole saw	Knife
28mm hole saw	Touch up paint

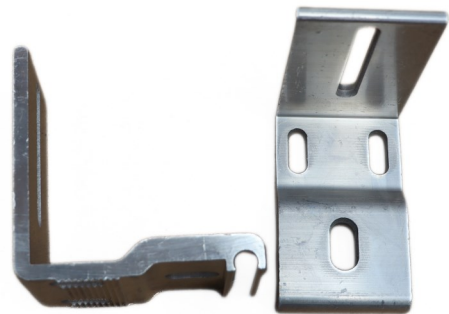
1x Tonneau roller canister

1x Roller housing cover



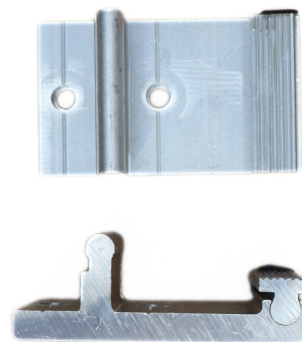
1x LH rail 1x RH rail

4x Mounting bracket



2x Rear mounting bracket

4x Mounting bracket clamp



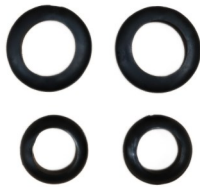
2x Large hose clamp 2x Small hose clamp



4x Mounting bracket cap



2x Large grommet 2x Small grommet



1x Aluminium bar



2x Foam tape



1x Protective tape



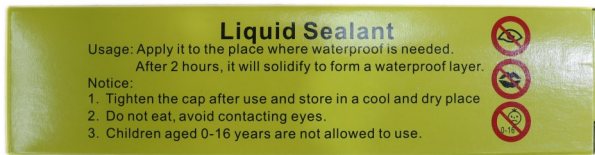
1x Tailgate latch



1x Dry lubricant



1x Liquid sealant



4x M8x40 combination screw



4x M8x50 screw + 4x Rubber foot



6x M6 channel bolt + 6x M6 nyloc nut



10x Philips head screw



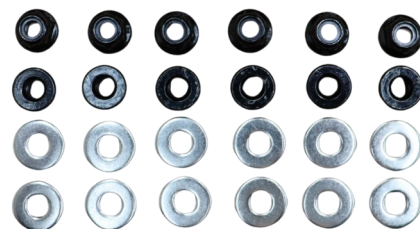
10x Screw cover



12x Double ended stud



12x M6 nyloc nut + 12x M6x15 penny washer



4x M6x12 screw + 4x M6x12 washer



2x Rail end cap grommet



2x Key



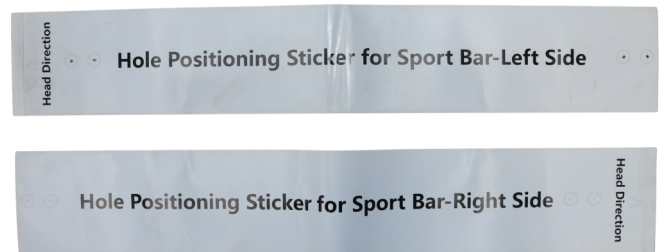
1x 8mm/10mm spanner



1x 5mm allen key + 1x Phillips head key



1x LH template + 1x RH template



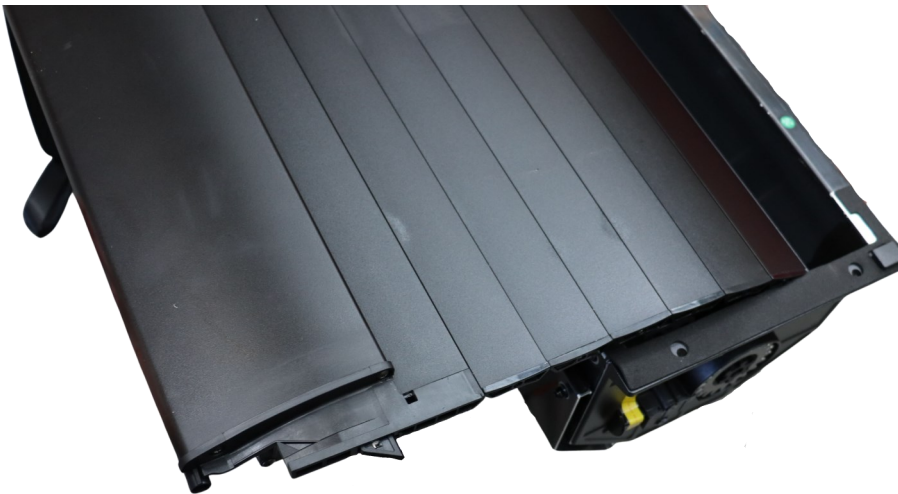
2x Large + 2x Small drain hose



1. Remove Tonneau cover canister, set on foam transport blocks from box to stabilise canister and protect drain pipes on base.



2. Pull roller out until 4 slats overhang side of canister. If cover is not extended enough when side rails are installed, it will catch and will not be able to be closed.



3. Locate opening for tonneau cover channel on side rail.





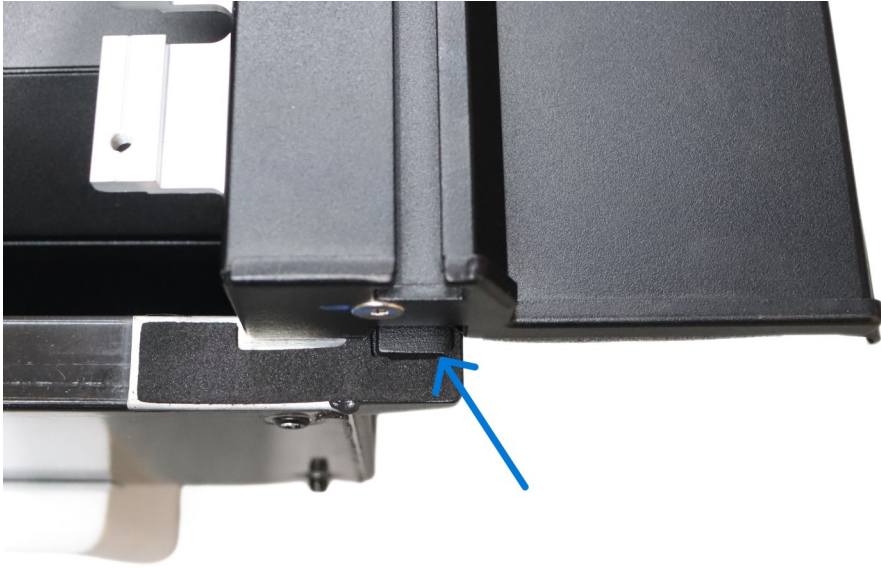
4. Insert roller shutter end cap side into side rail channel with side rail on a slight angle.



5. Straiten up side rail, sliding silver tabs over top of roller shutter.



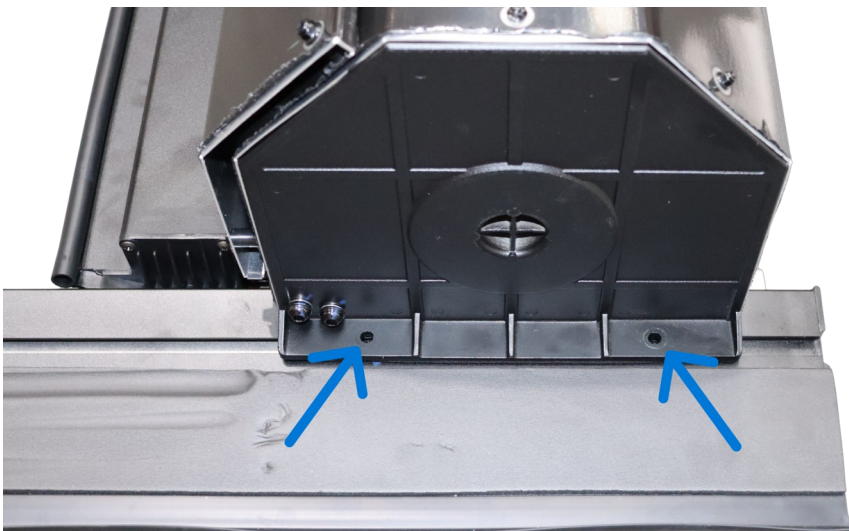
6. Align channel on underside of side rail with plastic lug on tonneau cover canister.



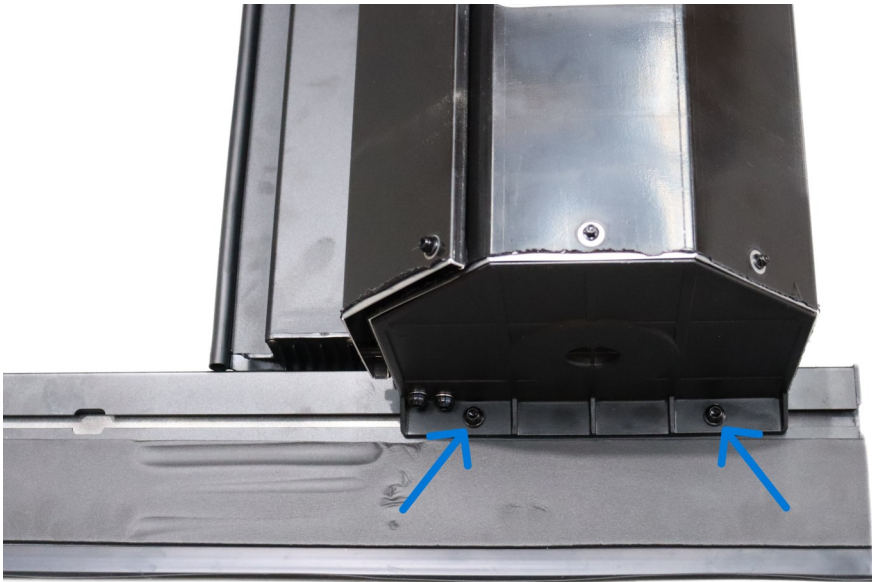
7. Slide side rail forward so plastic lug is slotted into channel on underside of side rail.



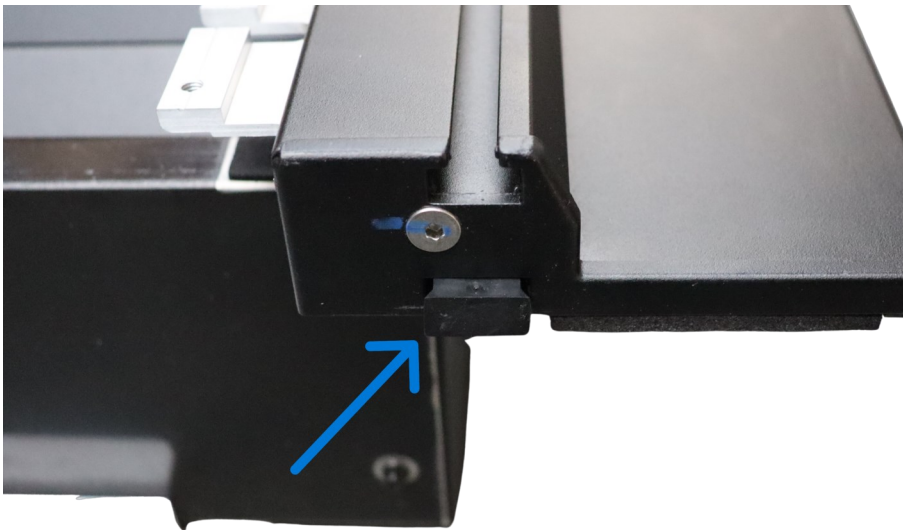
8. Slide side rail forward as far as possible.



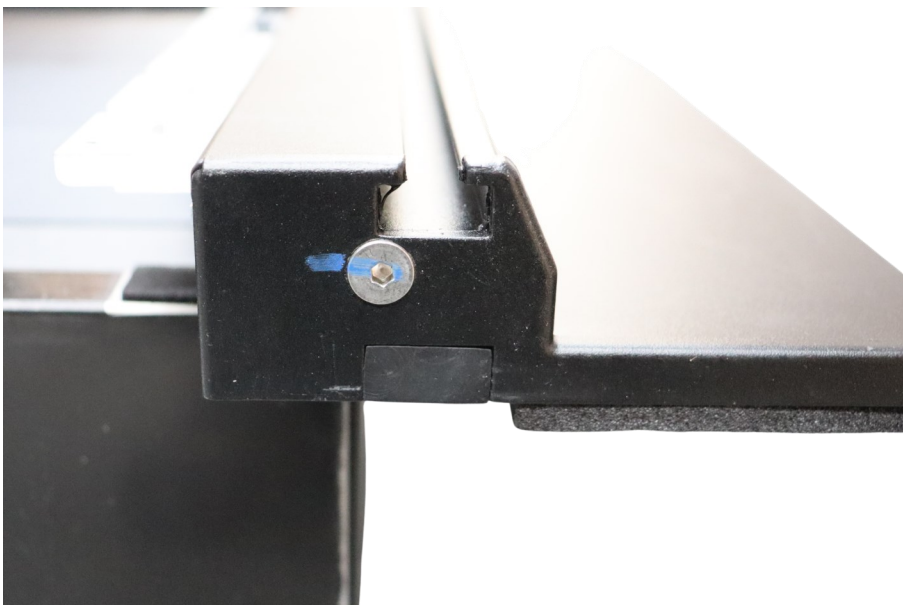
9. On under side of canister are 2x holes (per side) which will align with 2x threaded holes in side rail.



10. Use M6x12 screw and M6x12 washer to secure side rail to canister.



11. Insert rail end cap grommet into channel with flat side facing up.



12. Press grommet in until flush with front edge of side rail.

NOTE: Repeat steps 2 - 12 for both side rails.

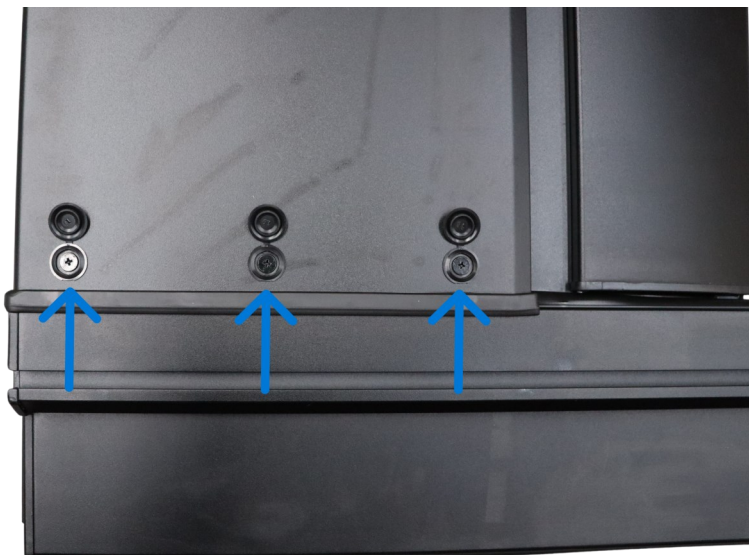
13. Place roller assembly cover on roller assembly. **Do not** remove red adhesive strip cover at this stage.



14. Insert 6x Philips head screws into screw covers.



15. Secure roller assembly cover with 6x Philips head screws.





16. 14. Flip screw cover caps over and press down to clip in place.



17. Slot aluminium bar into channel on side rails. This is used to set the correct spacing when mounting tonneau cover to vehicle tub.

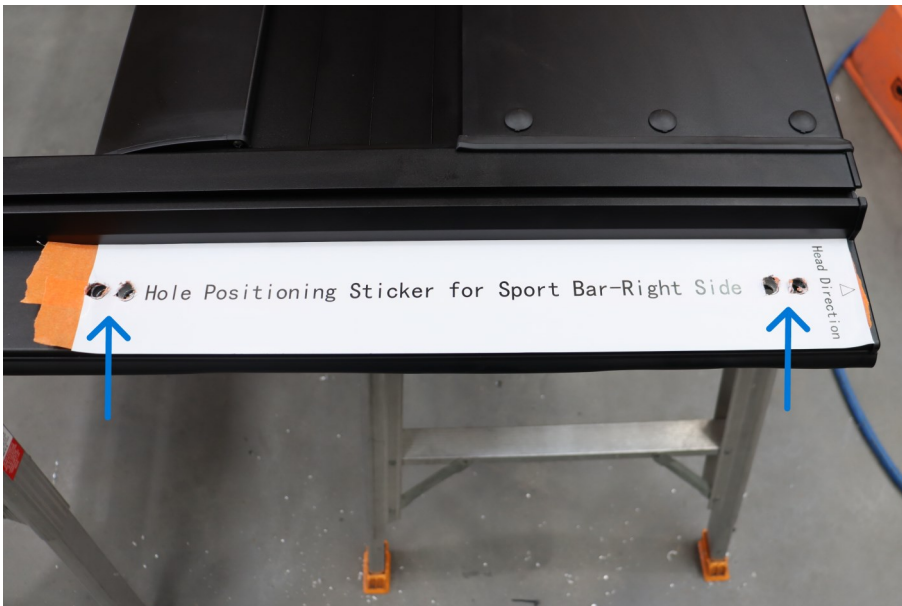


18. Tonneau cover assembly complete.



19. Apply template to side rail wing, align with rubber finisher at front of side rail. **NOTE:** These are left and right specific, ensure arrow on template is facing towards front of vehicle.

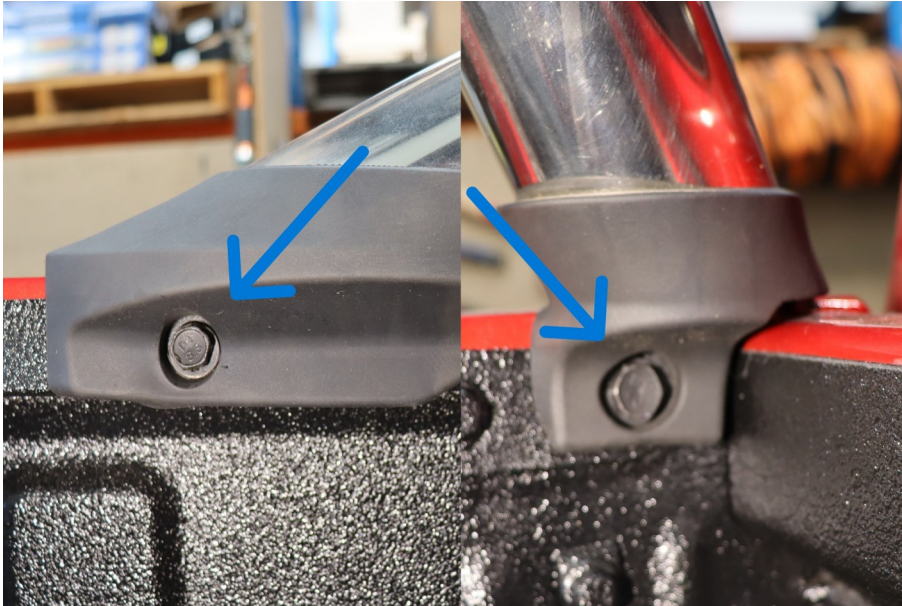
Skip steps 19 - 21 if you are **NOT** reinstalling the factory roll bar.



20. Using a 10mm drill bit, drill out 4x holes marked on template.



21. Remove template. Use debur tool to clean up holes.

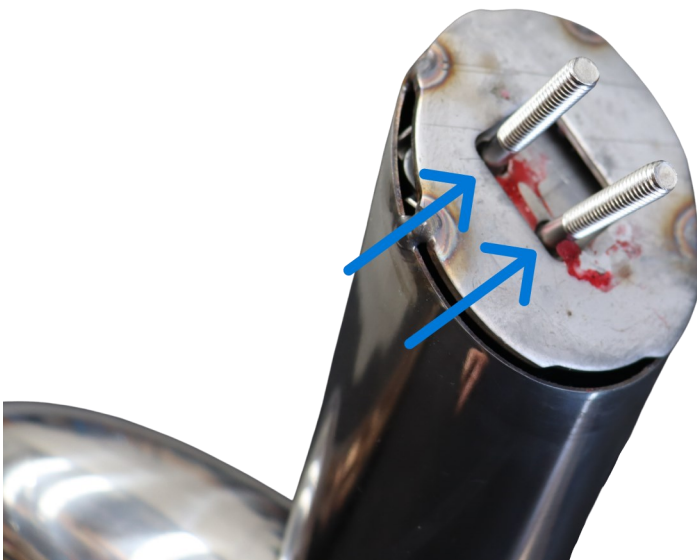


22. Use a 13mm socket to remove factory roll bar from tub.



23. Remove rubber feet from roll bar. Using 5mm allen key, remove factory mounting brackets from sports bar.

Skip steps 23 - 25 if you are **NOT** reinstalling the factory roll bar.



24. Insert 8x double ended studs into roll bar until thread bottoms out.

25. Use a knife or razor blade to trim rubber feet flush, and reinstall to roll bar.



26. Process is the same on front and rear feet.



27. Install roll bar to tonneau cover side rails, slot studs through holes drilled in wings and secure using 8x M6 nyloc nuts.





28. Clean and dry the top edge of the head board.



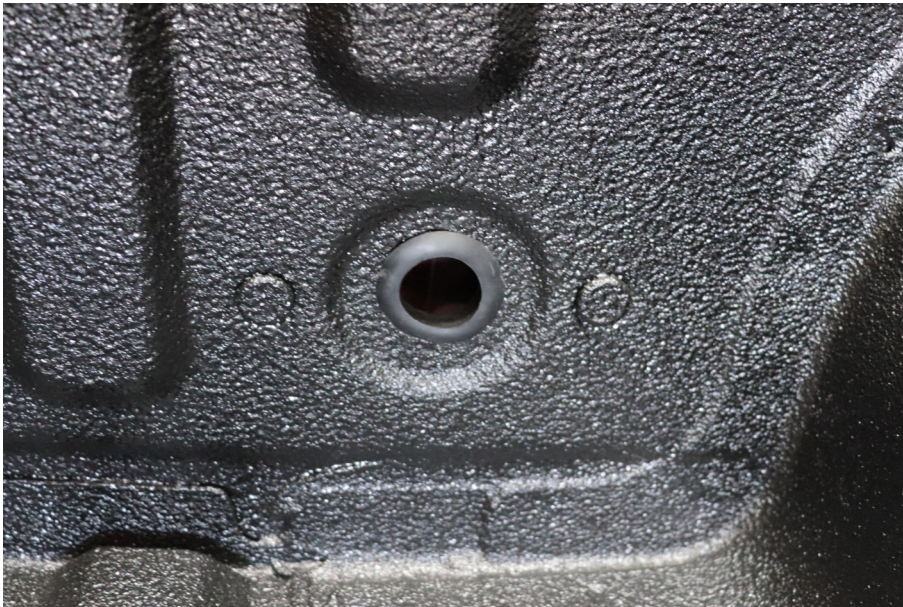
29. Apply a strip of foam tape along the full length of the headboard, cut off excess so foam tape ends against tub sides.



30. Near the base of headboard on both sides, locate space to drill hole for front drain hoses.



31. Use 28mm hole saw to drill hole. Use debur tool to clean up hole and use paint to seal exposed metal.



32. Once paint has dried insert large grommet.



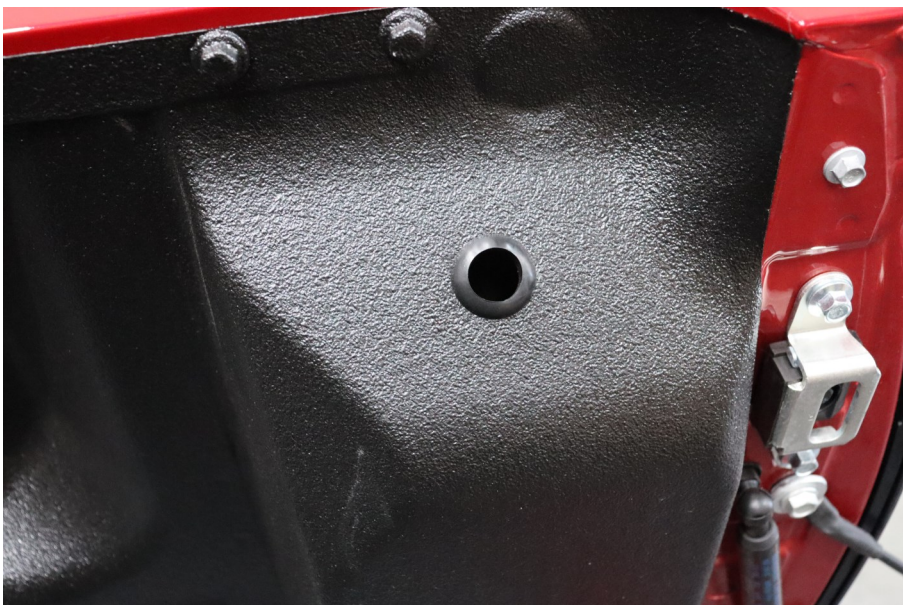
33. Push large drain hose through grommet, leave with plenty of excess hose to work with.



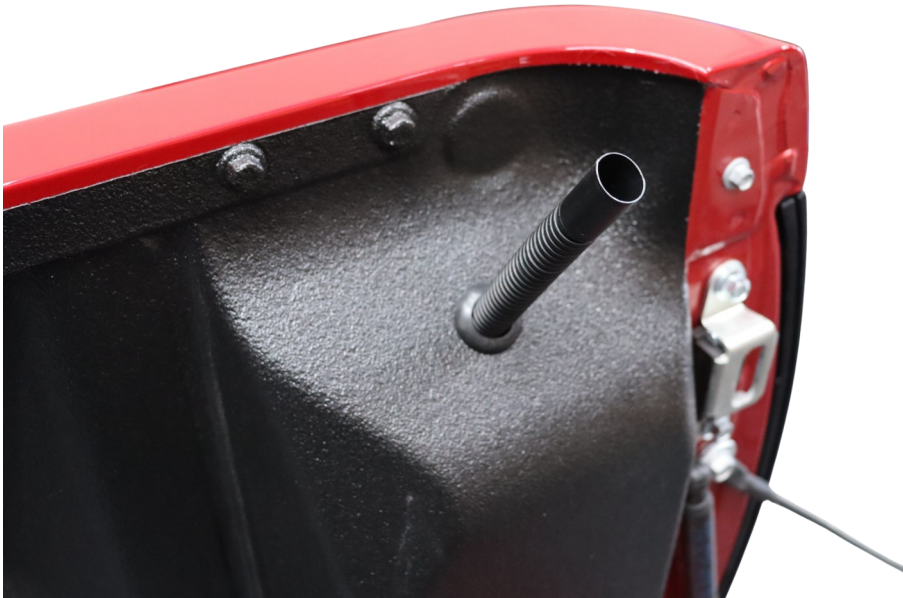
34. Inside rear of tub, locate space to drill hole for rear drain hose.



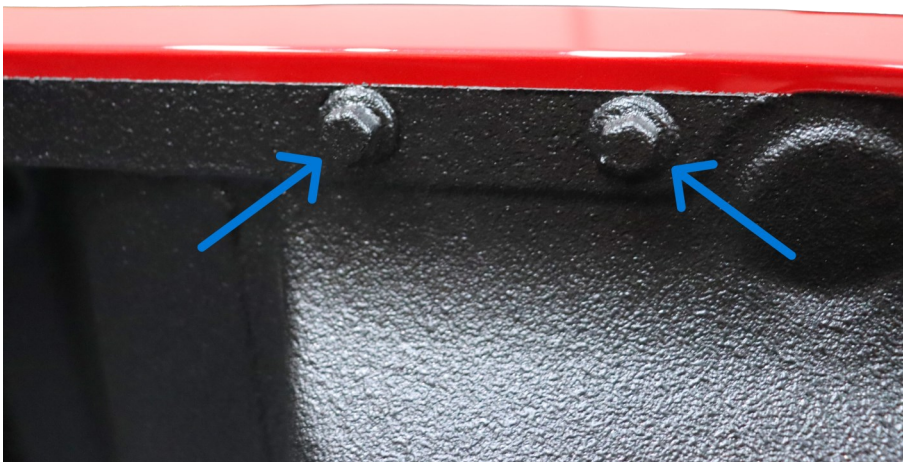
35. Use 22mm hole saw to drill hole for rear drain hoses. Use debur tool to clean up hole and paint exposed metal to seal.



36. Once paint dries insert small grommet to hole.

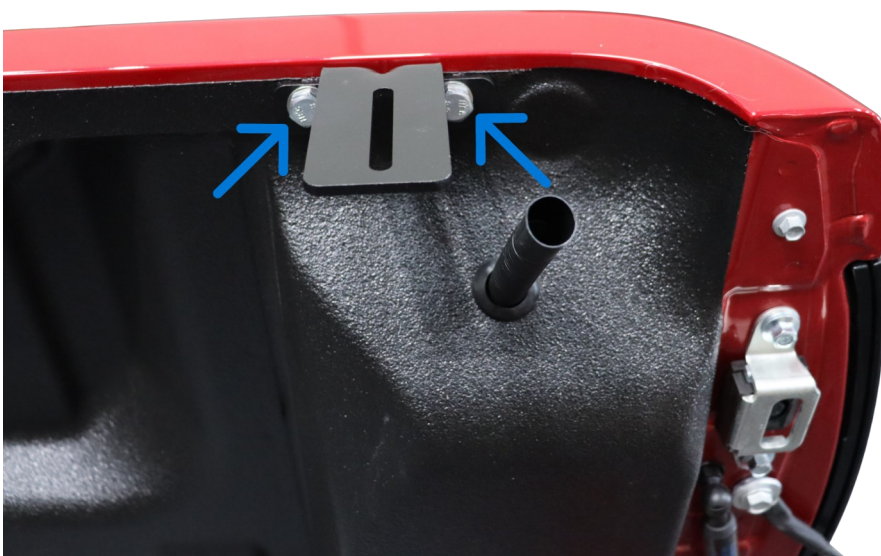


37. Push small drain hose through grommet, leave plenty length to work with.



38. Locate and remove 2x 10mm bolts from rear of tub.

NOTE: You may need to scrape spray on tub liner off of bolt heads to fit 10mm socket. 11mm socket can carefully be used to remove bolts.



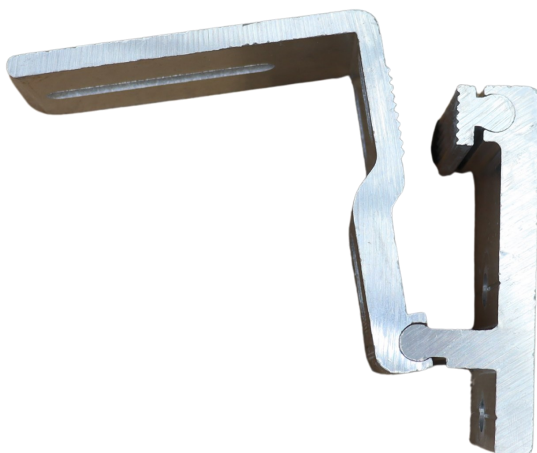
39. Install rear mounting brackets, reuse factory bolts removed in previous step.



40. With the assistance of a second person, lift the tonneau cover assembly onto the vehicle tub. Ensure it is positioned centrally on tub.

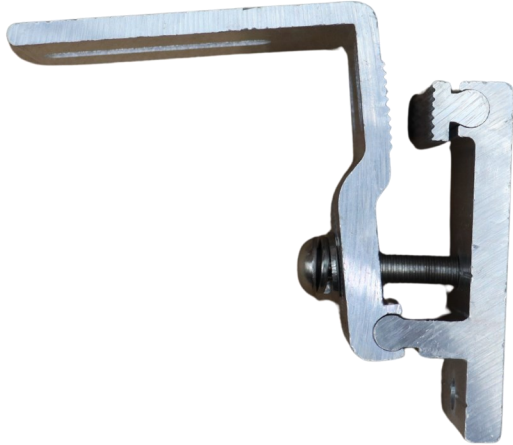


41. Position tonneau cover to be hard up against the headboard. Ensure rubber seal is free and remove the red adhesive strip cover and stick seal to the front of the headboard.

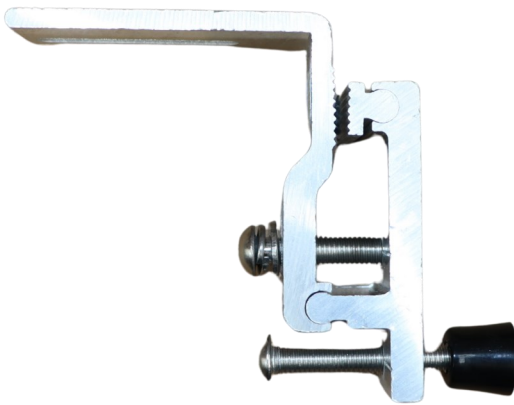


42. Assemble mounting brackets by slotting Mounting bracket and Mounting bracket clamp together.

43. Secure mounting bracket parts together using M8x40 combination screw. Leave loose at this stage.



44. Install M8x50 screw and push rubber on rubber foot. Leave screw threaded out at this stage.

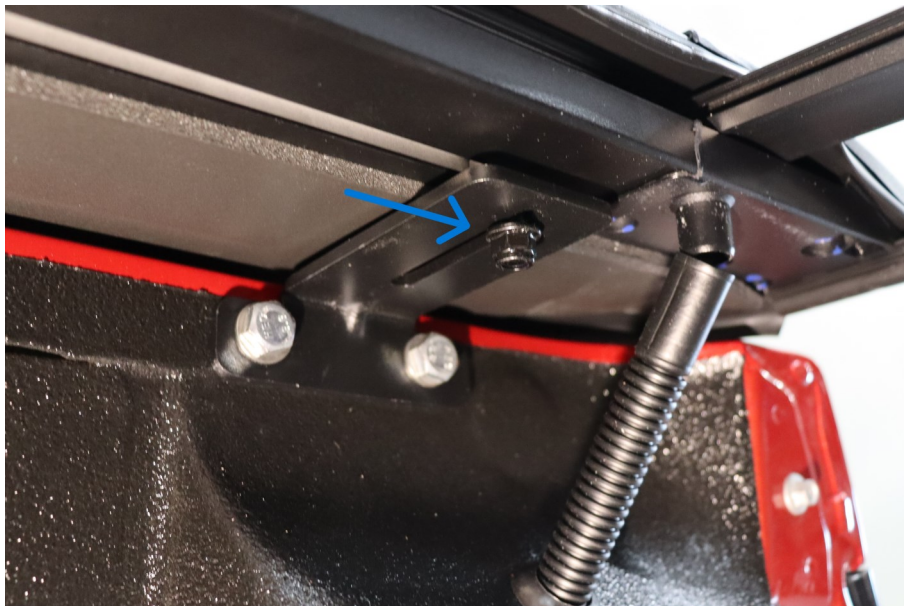


45. Locate opening in channel on the underside of side rails.

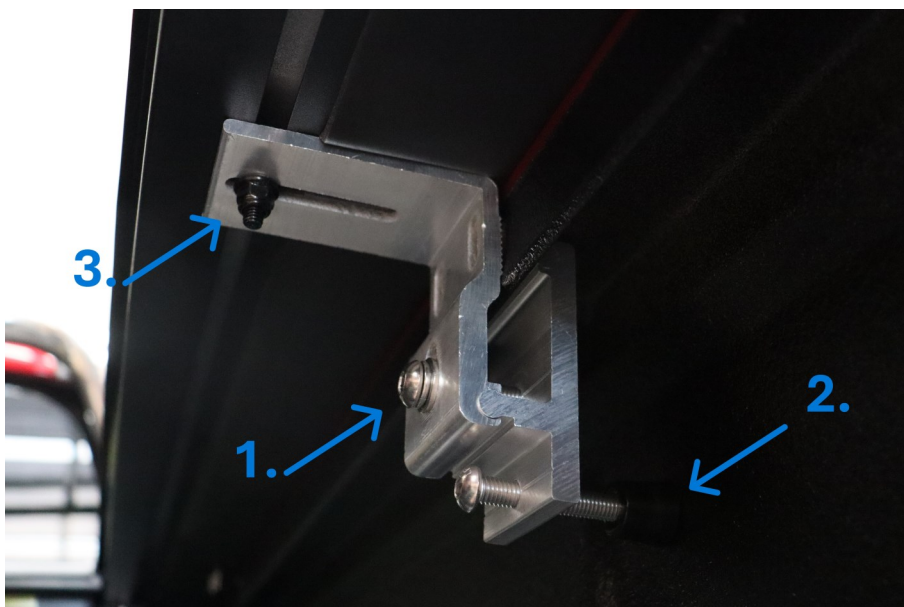




46. Insert 3x M6 channel bolts and slide towards rear.



47. Insert first channel bolt through slot on rear mounting bracket and secure with M6 nyloc nut. Leave nut finger tight.



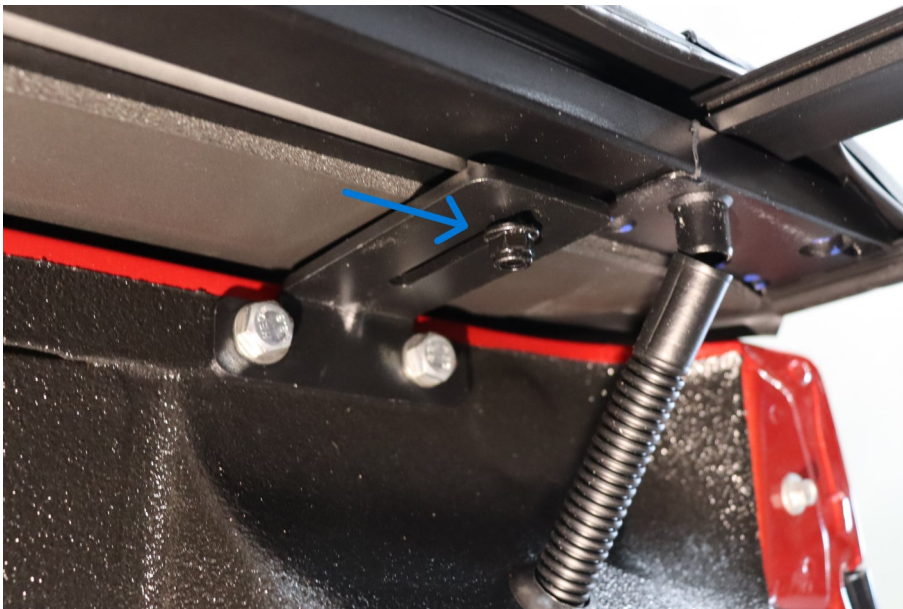
48. Insert second channel bolt through slot on mounting bracket, position half way between rear mounting bracket and canister, and clamp bracket to lip on sub side by tightening screw 1.

Repeat process for third mounting bracket and position towards canister forward of channel opening.

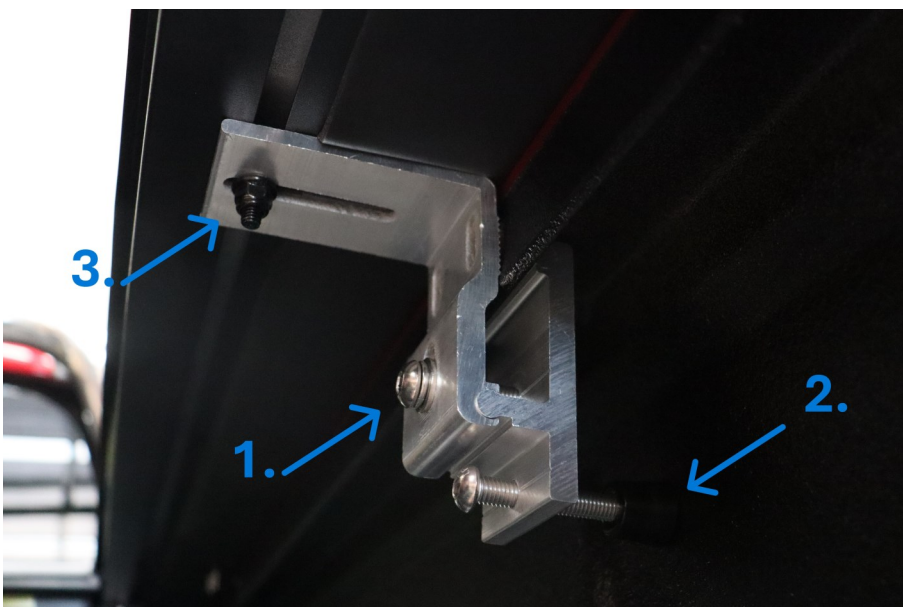


49. Push tonneau cover side rails in against aluminium bar to adjust spacing.

Aluminium bar should have a small amount of side to side movement, 3 - 4mm.



50. Tighten M6 nyloc nut on rear mounting bracket to secure side rail in position.



51. Tighten M6 nyloc nut (3) mounting brackets. Thread in screw (2) until foot has a small amount of pressure against tub side.



52. Test roller function by closing and opening roller. Roller shutter should move freely and not require assistance to open. Remove aluminium bar and pull roller shutter completely closed.



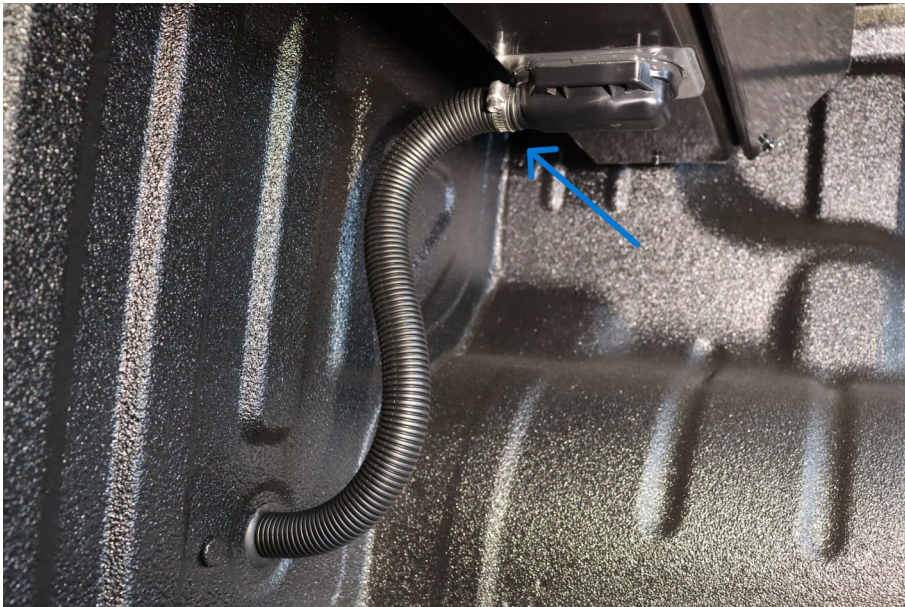
53. If roller shutter does not latch into closed position turn toggle on underside of roller end cap to engage latches.



54. Depress lock button to release roller shutter latches.



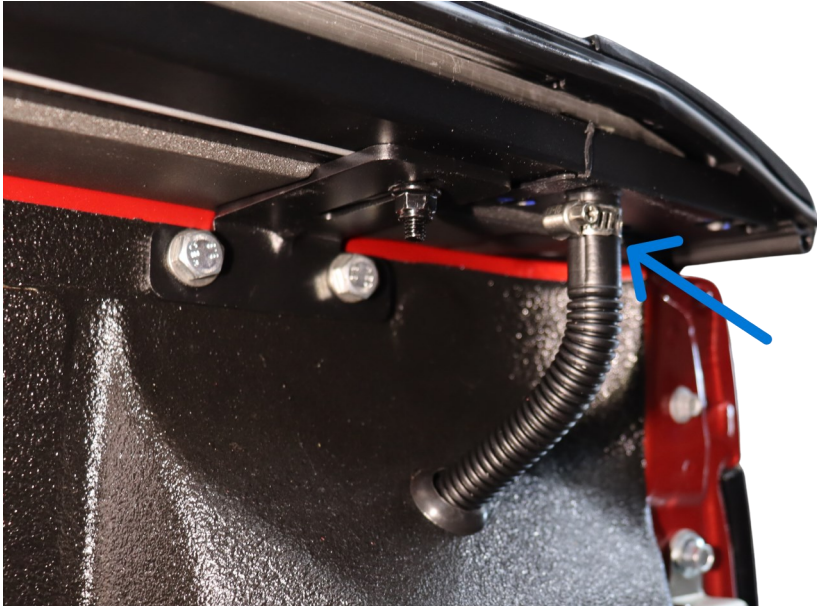
55. Allow roller shutter to open fully.
If roller shutter does not roll freely
repeat procedure from step 49.



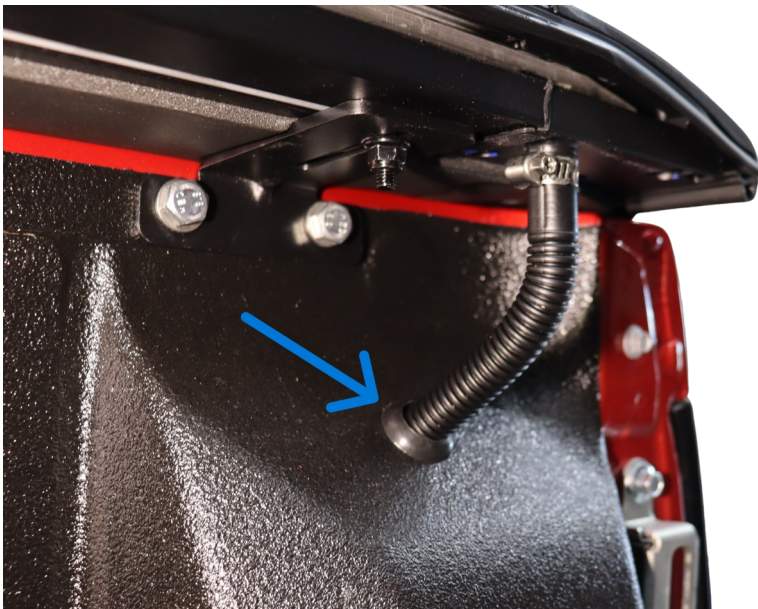
56. Attach drain hose to drain outlet
on base of roller canister and
secure with large hose clamp.



57. Push excess hose through
grommet, ensure hose is orientated
down on front of headboard.



58. Attached drain hose to rear drain outlet and secure with small hose clamp.



59. Push excess hose through grommet.



60. Optional tailgate latch can be installed by marking tailgate latch mechanism (located on underside of rear cap) position on inside of tailgate.



61. Place latch so lip is level with top of tailgate and securing using 2x self tapping screws.

NOTE: This will lock the tailgate closed when roller is closed. Roller will need to be opened to open tailgate.