

(SKU: 348782-RANGER, 348782-RAPTOR)

#### **Installation Guide**

Please note:

Please read these instructions carefully prior to installation. Check the contents of this kit before commencing fitment and report any discrepancies. Do not use power tools. Only tighten with hand tools to avoid stripping the bolt heads or cross threading the bolts. It is the installer's responsibility to ensure all connections are water tight. Prior to commencing the installation it is the installers responsibility to verify that all components, particularly the template are correct. Problems and losses which occur due to improper installation and use are not covered by our warranty.



#### Assembling the Roller Cover

1. Start by sliding on the side arms onto the roller cover base. Repeat this step on both sides.





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2. Place the infill rubbers on both ends to seal the track from water. Repeat this on both sides.



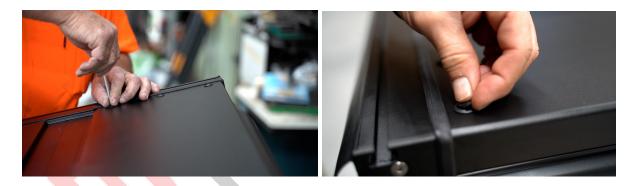
3. Next, using the provided allen key, screw in the M6 flange bolts to secure the rover cover arms to the base. Do not tighten fully yet.





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4. Place the cover plate and secure it with m5 bolts with plastic bases. Tighten all bolts with a phillips head screwdriver and pop on the screw caps.



5. Now that the top cover is in place, tighten the M6 flange bolts that hold the roller cover arm together.





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#### Preparing the Vehicle for Installation

6. Remove the two torx bolts and pop out the tail lights towards the back as shown.



7. Using a 21mm hole saw, drill a hole through the tub liner and tub. It is highly recommended to drill a pilot hole first. Deburr any drilled holes and apply rust protection to the newly drilled holes.





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8. Install the smaller rubber grommets into your tub liner and carefully feed the smaller hose through. Take note of the amount of space where the tail light sits and make sure that the hose doesn't get in the way of the tail light.



9. - For the front, we recommend drilling holes that align with the exit points to avoid "s" bends in the tube. You can find these points by marking the distance from the centre of the tub and down from the top of the headboard. Since most headboards have a ribbed structure, you may need to adjust these points slightly so that there is enough gap for the hose between the cab and the tub.

- Apply rust protection or paint to protect the bare metal. Install the larger rubber grommets into your tub liner. Feed the larger hose through holes. Leave enough to slide on the hose fitting on the roller cover body then cut the hoses to the appropriate size.





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10. Place the aluminium box tubing on the headboard while making sure that the larger holes are facing upward. Line up and bolt on the aluminium box tubing with the existing threaded holes using all M8x20mm allen key head bolts. Apply a strip of foam tape on top of the aluminium box tubing.



11. Re-install the tail lights.





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#### Installing the Brackets

12. Use the existing bolts from the two tie down points at the back to mount the rear bracket. Hand tighten the bolts. Repeat this step on the other side.



13. Remove the two side-by-side plastic clips using a screwdriver and a trim removal tool. Place the rectangular spacer in the recessed part of the tub rail, then place the L-bracket on top. Use the long M6 allen key head bolts, spring washers and washers and hand tighten the bracket. Repeat this step on the other side.





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14. Remove the plastic clips at the front. Installing the front bracket can be a little bit tricky. You can see in the photos how the bracket should sit on the tub rail. The left and right brackets can be differentiated by observing which direction the top fold faces. The fold should be facing toward the back of the car as shown in the video. Use the long allen key bolt, spring washer and washers as well as two M6 flange bolts to secure the bracket to the tub. Hand tighten all bolts. Repeat this step on the other side.



15. If you have an XLT or wish to install the XLT sports bar, make sure to place some foam tape over the holes where the sports bar used to mount, to ensure no water or dust gets through.



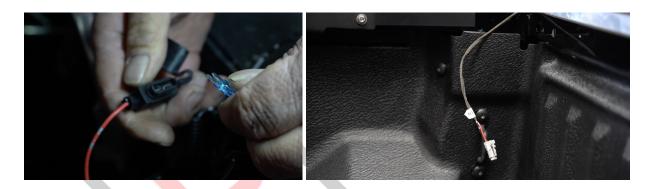


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#### Connecting the Roller Cover

If you have a manual roller cover, you can skip over this step.

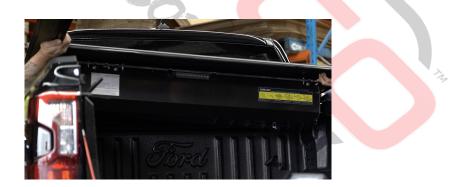
16. Run the wire from the battery to the inside of the tub. The red wire goes to the positive terminal and the black wire goes to the negative terminal. Make sure to zip tie at least every 30 cm and keep the wires away from any hot or moving parts.



**Note:** For the installation of the button and central locking wire, we highly recommend booking with us or an auto electrician to wire into the central locking system on your vehicle.

#### Bolting Down the Roller Cover

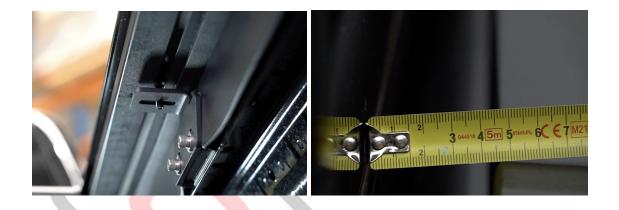
17. Have a mate help you lift the roller cover onto the vehicle.





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18. Slide in the M6 T-bolts into the bottom of the side arms and place them through the 6 previously installed front, middle and rear brackets. Hand tighten all the bolts. Use a tape measure to level out the roller cover from left to right. There should be roughly 45mm from the rear window to the roller cover.



19. Secure the front mounting bracket so that the folded tab sits flush with the bottom of the roller cover arm. Tighten the bolts on the brackets first, then tighten the bolts that secure the roller cover to the mounting brackets. Repeat this step for the middle and rear bracket while making sure that the width of the roller cover from the front to the back is the square.





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20. Connect the hoses and tighten the hose clamps.



21. Plug in the harness to power the roller cover if you have an electric roller & remember to place the fuse back in the fuse holder.



22. Test the function of the roller cover. The installation is now complete.

