OFF-ROAD SHIELD

ALUMINIUM CANOPY INSTALL

ALL MODELS EXCEPT HILUX J-DECK

STEP 1:

Unwrap the canopy completely and remove all protective packaging.

Carefully lay the canopy upside down, so the roof of the canopy is resting on the ground, as shown in the photo.



STEP 2:

Check Supplied Hardware

Before starting the installation, check that all supplied parts are included.

The canopy should come with:

- Rubber trim/seal – fitted between the canopy and ute tray
- Keys – for the canopy locks
- Mounting brackets – used to secure the canopy to the ute tray
- Bolts and nuts – used with the mounting brackets



STEP 3:

Clean the Canopy Edge

Spray brake cleaner around the entire mounting edge of the canopy where the rubber trim will be fitted.

Wipe the surface thoroughly to remove any dust, grease, oil or residue.

The surface needs to be completely clean and dry so the adhesive backing on the rubber trim sticks properly.

Important: Make sure the cleaner used is safe for the canopy's powder-coated finish.



STEP 4:

Fit the Rubber Trim

Open the rear canopy door first. This gives you better access and makes fitting the rubber trim much easier.

Start at one side of the canopy and begin sticking the rubber trim onto the cleaned mounting edge.

Work your way all the way around the canopy, pressing the trim firmly onto the surface as you go.

Keep the trim sitting evenly along the edge and avoid stretching it while installing.

Once you reach the starting point, trim off any excess so the two ends meet neatly.



STEP 5:

Form the Rubber Trim Around the Corners

Start fitting the rubber trim from the end shown in the photo and continue pressing it firmly into place.

When you reach a corner, make a small cut in only the outer/front layer of the rubber trim. This allows the trim to bend neatly around the corner.

Important:

Do not cut all the way through the trim.

Only split the front layer.

If you cut right through the trim, it can create a gap and cause water leaks.

Once the corner is shaped properly, continue fitting the trim around the canopy edge.



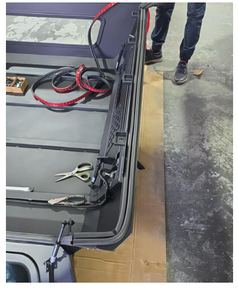
STEP 6:

Keep the Rubber Trim Centred

As you continue fitting the rubber trim around the canopy, make sure it stays centred on the mounting edge the whole way around.

Press it down firmly as you go and check that the rubber sits evenly on both sides.

Important: If the trim runs too far to one side, it may not seal properly once the canopy is installed onto the ute.



STEP 7:

Lift the Canopy Onto the Ute

Once the rubber trim is fully installed, the canopy is ready to go onto the ute.

Open all canopy doors before lifting. This makes the canopy easier to hold and gives everyone better hand positions.

Use 4 people to lift the canopy, with one person positioned near each corner.

Carefully lift the canopy together and lower it onto the ute tray, making sure the rubber trim stays in position and does not fold underneath.

Important: Keep hands and fingers clear underneath the canopy while lowering it into place.



STEP 8:

Position and Align the Canopy

Carefully position the canopy so it is sitting square and centred on the ute tray.

Before securing anything, close all canopy doors and the tailgate. This helps confirm the canopy is sitting correctly and that all doors open and close without binding.

At the front of the tray, make sure the canopy flashing sits on the inside of the tray and is pushed firmly up against the edge, as shown in the photo.

Once everything is sitting evenly and the doors are closing properly, the canopy is ready to be secured down.



SHIELD OFF-ROAD
ALUMINIUM CANOPY
INSTALLATION INSTRUCTIONS

STEP 9:

Check Access for the Mounting Brackets

Before fitting the mounting brackets, check the ute's tray liner.

Some tray liners will already have enough access for the brackets to fit underneath the canopy mounting edge.

Other tray liners may require small slots or holes to be cut so the brackets can pass through and clamp the canopy securely to the tray.

Only cut what is necessary for the brackets to sit properly, and make sure the canopy remains correctly positioned before tightening anything down.



STEP 10:

Install the Mounting Brackets

Fit the mounting brackets to secure the canopy to the tray.

Position the top bracket so it hooks onto the canopy mounting edge, then insert the bolt down through the top bracket.

Place the lower bracket underneath so it sits against the inside lip/inner liner of the tray, as shown in the photo.

Tighten the bolt so the bracket clamps the canopy down firmly onto the tray.

Repeat this process for the remaining brackets around the canopy.

Important:

Do not overtighten the brackets. Tighten them firmly, but do not crush the tray liner or damage the canopy base.



STEP 11:

Install and Tighten All 8 Brackets

Install all 8 mounting brackets and bolts before fully tightening any of them.

Start by tightening each bracket lightly and evenly, working your way around the canopy.

Do not fully tighten one bracket and then move straight to the next. Gradually tighten all 8 brackets in stages so the canopy pulls down evenly onto the tray.

Once everything is sitting correctly, go around again and firmly tighten all brackets to an even tension.



STEP 12:

Fit the Locking Nuts

Once all 8 mounting brackets are fully tightened and evenly tensioned, fit the supplied nut onto the end of each bolt.

Tighten the nut securely against the bracket to help lock the assembly in place and prevent the mounting bolt from working loose.

Repeat this on all 8 brackets.

STEP 13:

Wire the Canopy Brake Light

Locate the red, white and black wires coming from the canopy.

Join the red and white wires together, then run a single wire from them to the ute's tailgate brake-light positive wire.

Connect the black canopy wire to the negative/earth wire used by the tailgate brake/park lights.

Once connected, insulate and secure all joins properly, then test the canopy brake light before finishing the installation.

Important: Vehicle wiring colours can vary, so confirm the correct brake-light positive and negative wires before making the connections.



STEP 14:

Wire the Internal Canopy Lights

The internal canopy lights can be wired in two ways:

- To a separate switch/power source, or
- Into the ute's rear park-light circuit

If wiring the internal lights to the tail light:

- Connect the black negative wire from the canopy to the vehicle's tailgate brake/park-light negative wire.
- Connect the red positive wire from the canopy to the vehicle's park-light positive wire.

This means the canopy's internal lighting circuit will receive power when the vehicle's park lights are switched on.



STEP 15:

Final Check

Close all canopy doors and the ute tailgate, then do a final check to make sure:

- The canopy is sitting square and centred
- All 8 mounting brackets are tight and secure
- The rubber seal is sitting evenly around the entire canopy
- All doors open, close and lock correctly
- The brake light works
- The internal canopy lights work
- All wiring is secured away from moving parts or sharp edges

Once everything has been checked, the Shield Off-road canopy installation is complete.

