

# FLAT TOP



Great value, strength and style!

**NEXT-GEN RANGER**

**UTE LIDS**

**FITTING INSTRUCTIONS**

# Next-Gen Ranger

## UTE LID FITTING INSTRUCTIONS



Step 1

Left hand side of the front of the tub, mark the position first hinge hole using the measurements supplied.



Step 2

Drill a 6mm hole through the plastic cap, and through the metal side rail.



Step 3

Position and install the hinge into the first drill hole. Use 6mm bolt to locate and installed a bolt into the first hole.

Then, use the hinge as template to mark two the other mounting holes.. Drill holes as per the first hole.

# Next-Gen Ranger

## UTE LID FITTING INSTRUCTIONS



Using a 10mm or 11 mm drill bit, enlarge the three 6mm holes in the plastic capping only, to allow the head of the allen screws to pass through.



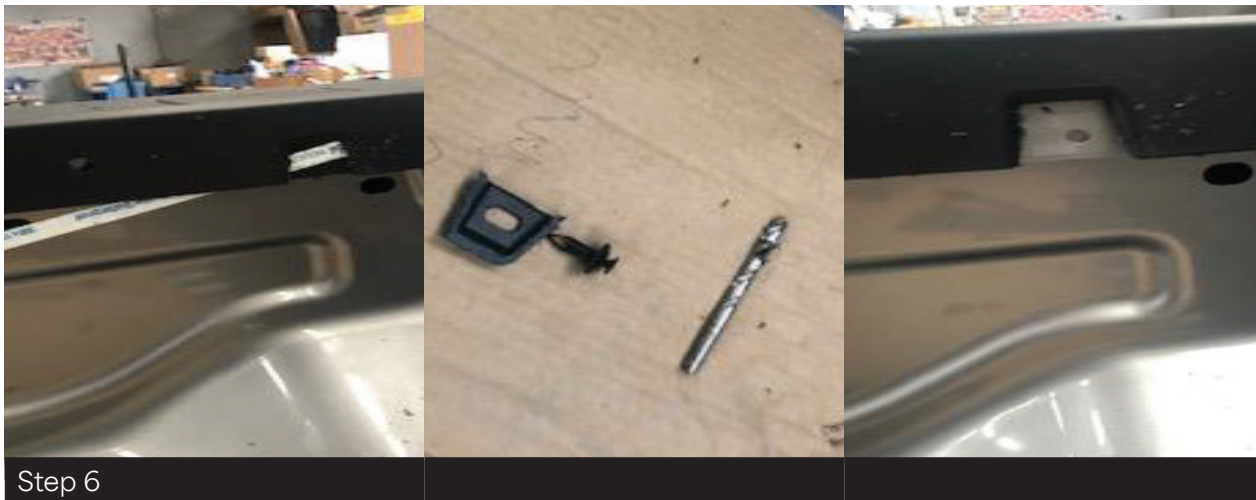
Example: Plastic capping, showing three drilled holes in plastic only.



Locate and remove the scrivet clip.

# Next-Gen Ranger

## UTE LID FITTING INSTRUCTIONS



Cut away this section of capping as shown, with a hacksaw.



Slide this hinge mount plate up between the plastic capping and the metal side rail.

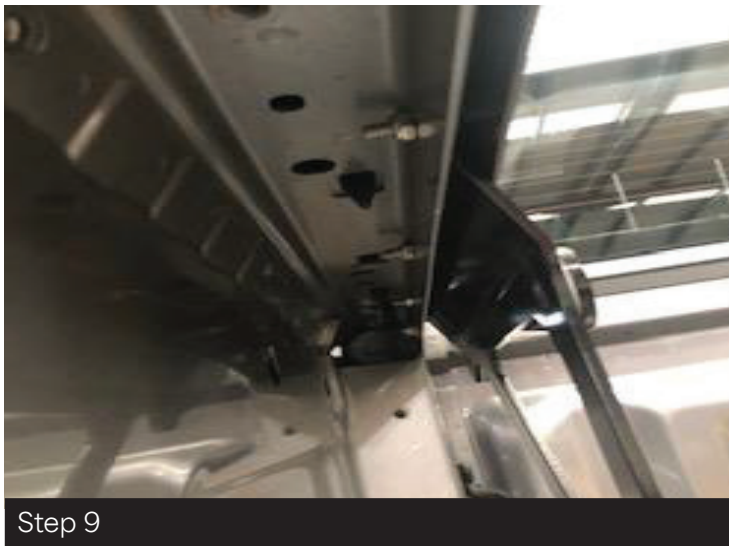
Bolt the hinge in position using 6 x 20mm allen screws and 6mm nyloc nuts for each hinge.



Fit 6mm nylon nuts and tighten the allen screws.

# Next-Gen Ranger

## UTE LID FITTING INSTRUCTIONS



The mounted hinge should appear like this, bolted to the metal side rail of the ute body.

Example: Underside view of hinge mounted to side rail.



Example: Front view of hinge mounted to side rail.

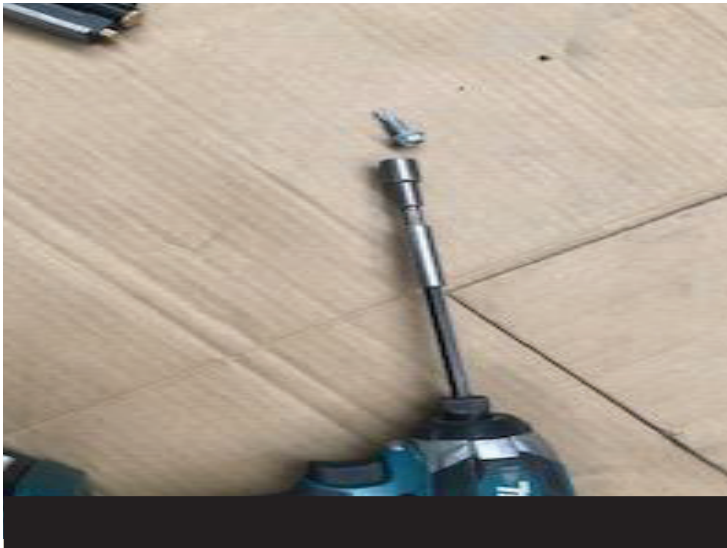


Mount the bracing “Z” bracket to the 8mm hole in the hinge assembly, using the 8mm domed screw.

Note: If the vehicle has a plastic tub liner discard the two spacer washers.

# Next-Gen Ranger

## UTE LID FITTING INSTRUCTIONS



An extended nut setter socket will make installation of the screw easier.



Step 11

Using the self-drilling hex head screw, screw the "Z" Bracket to the side wall of the ute body.



Step 12

The hinge assembly should be in a reasonably vertical position after screwing the "Z" bracket to the side wall.

# Next-Gen Ranger

## UTE LID FITTING INSTRUCTIONS

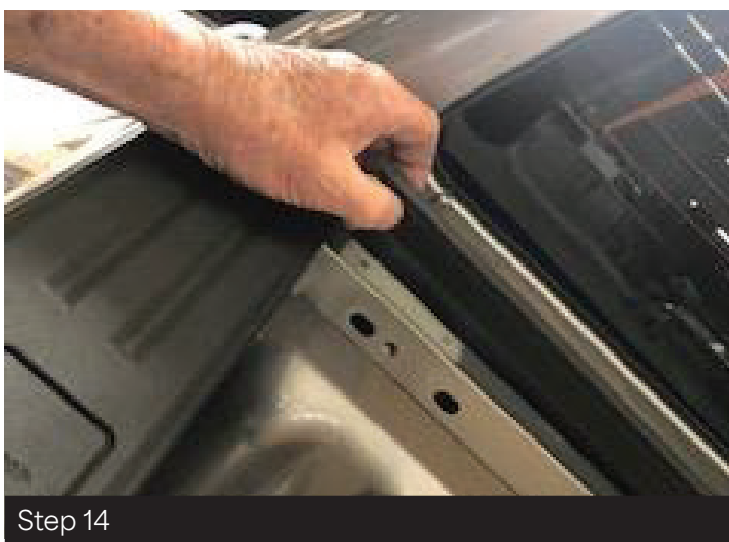


Example: finished hinge assembly mounting (RHS)



Drill a hole in line with the bottom pivot mount of the strut and pass the strut wires with the grommet fitted, through it.

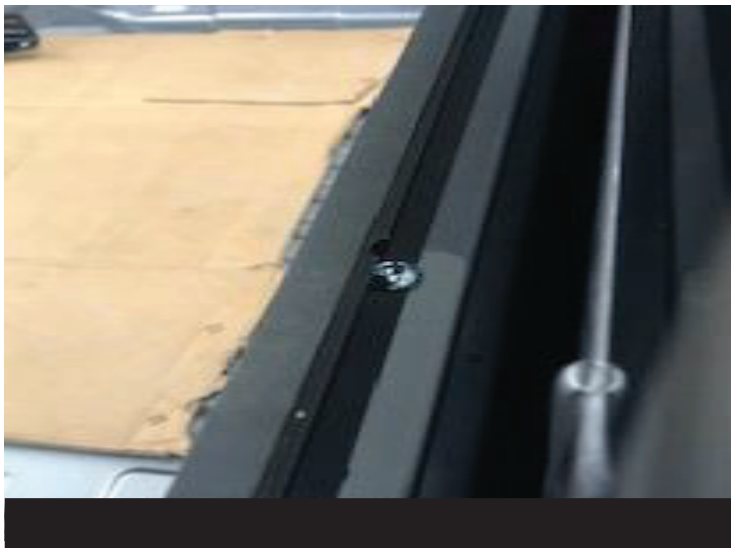
Angle the wires towards the rear of the car.



Fit the infill panel of the ute tub using 8mm x 16mm domed screws.

# Next-Gen Ranger

## UTE LID FITTING INSTRUCTIONS



Example: fitted infill panel.



Step 15

Example: Ute tub ready to fit hard lid.

Struts are mounted using clevis pins, washers and clips with their motors on the bottom.



Step 16

Sit hard lid on the use and position it evenly (do not connect the struts yet).

Fit the 4 screws and washers through the hinge bracket and into the nutserts in the lid.

Check the lid is still positioned correctly and then tighten all 4 screws in each hinge.

Have another person push down on the front corner of the lid as the screws are tightened.



# Next-Gen Ranger

## UTE LID FITTING INSTRUCTIONS

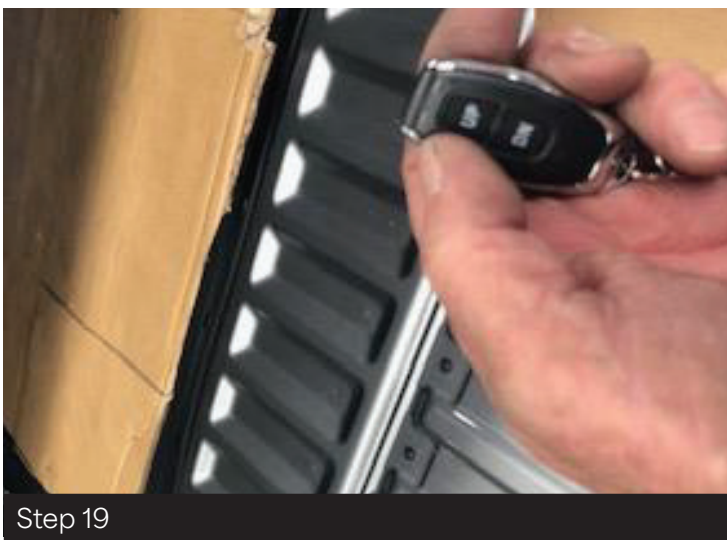


Tighten all hinge screws.



To fit the struts to the lid, loosen the 2 screws on the lid bracket and slide them so their pin hole lines up with the holes in the strut yoke and slide the clevis pin through.

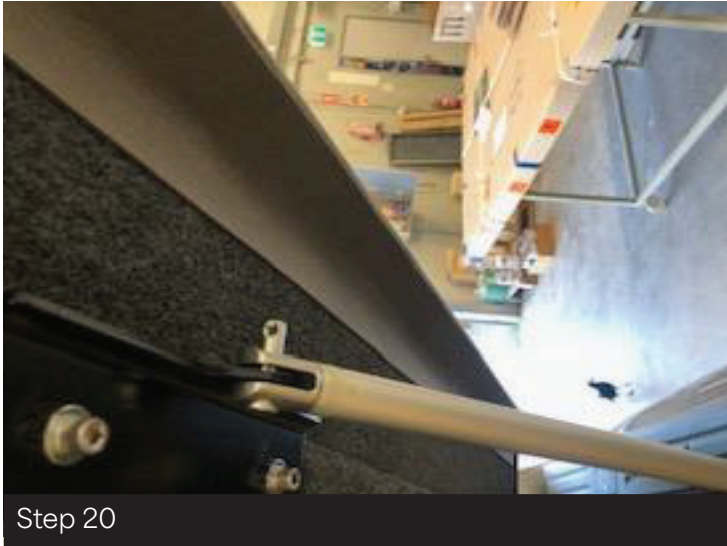
Re-tighten the 2 screws to secure the brackets to the lid.



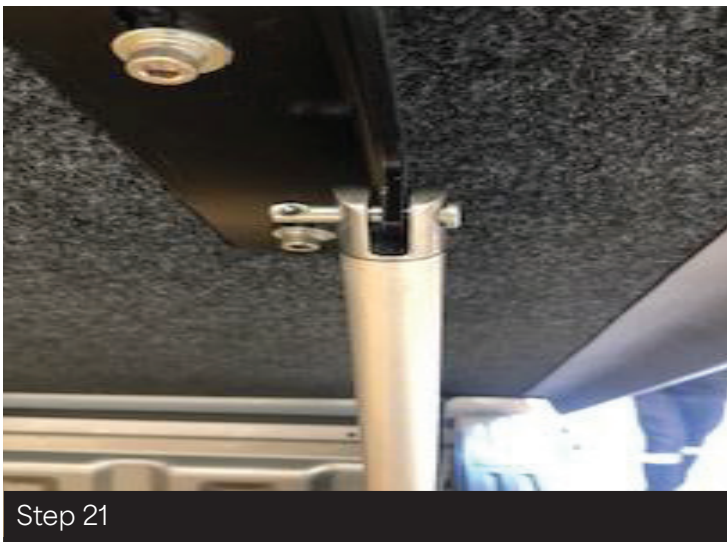
If power is connected, open lid.

# Next-Gen Ranger

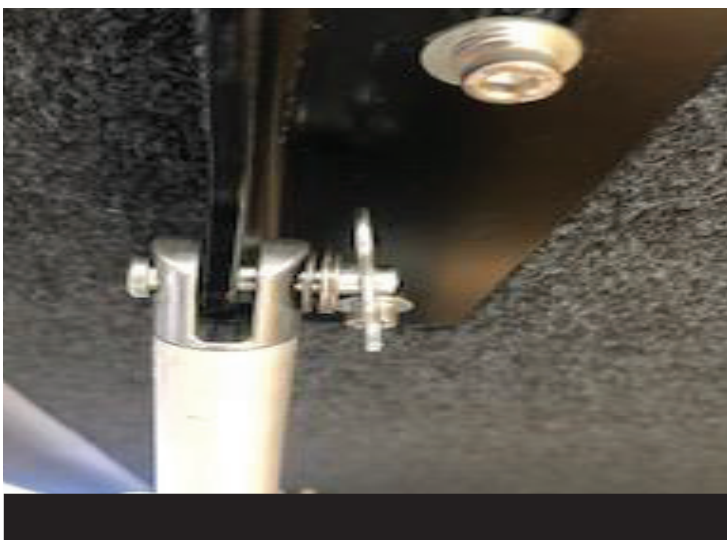
## UTE LID FITTING INSTRUCTIONS



To fit the clevis pin, it is easier to fit the pin this way when the lid is in the CLOSED position. Then, fit the clip and washers when the lid is OPENED.



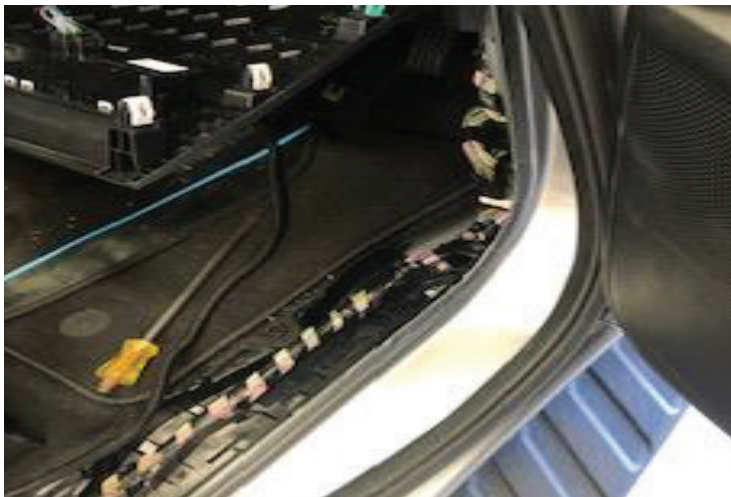
Reverse the pin and fit the clip and washer.



Example: Fitted pin, clip and washer

# Next-Gen Ranger

## UTE LID FITTING INSTRUCTIONS



Step 22

To install the wiring, remove the driver's side sill panel and kick panel.



Step 23

Unclip and lower the dash panel below the steering column.



Step 24

Bring the wires from the struts through the chassis and out of the elongated hole to the rubber grommet under the driver's seat.

# Next-Gen Ranger

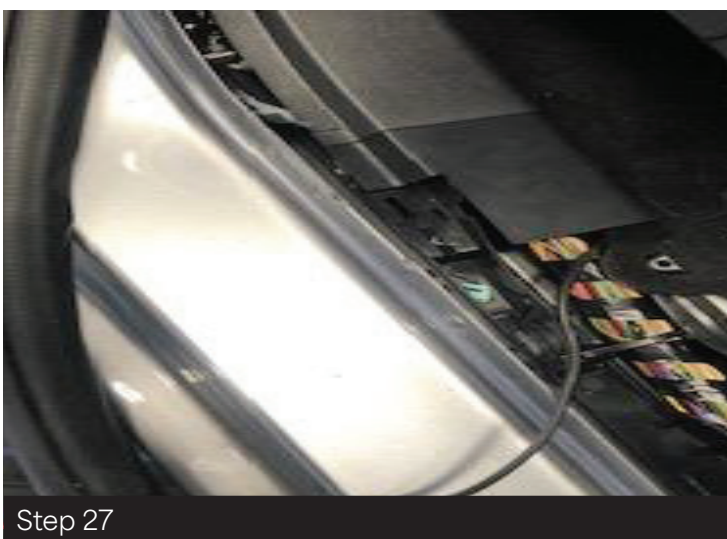
## UTE LID FITTING INSTRUCTIONS



Bring the wires through the grommet and into the sill area.



The wires should exit the rear of the chassis near the spring hanger. Connect to the right hand strut wire and cable tie. Fit corrugated plastic where cables enter and exit chassis. Run the other wires across to left side and connect to left strut wires.



Bring wires from grommet into sill area and run towards kick panel.

# Next-Gen Ranger

## UTE LID FITTING INSTRUCTIONS



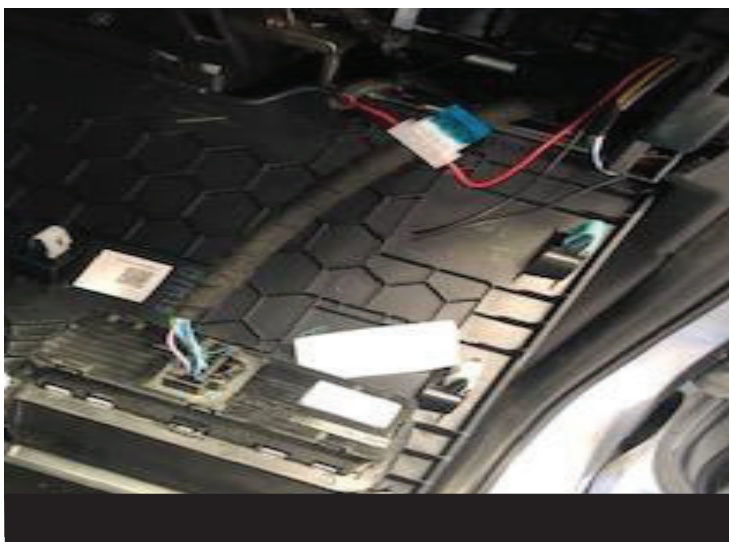
When installation is completed velcro the control box to side of the fuse area behind the lower drop down panel.

Marked as X in the image.



The control box has a sensitivity adjustment screw which can be set so the lid will reverse direction if it encounters an obstruction.

To adjust resistance open the control box and locate the yellow plastic phillips head screw. Turn the screw to the right for more resistance and to the left for less.



Example: Control box position and fuse.

# Next-Gen Ranger

## UTE LID FITTING INSTRUCTIONS



Connect the power wire to the battery and bring into the cabin through the rubber grommet on the fire wall behind the glove box area. It is then run across to the driver's side and connected to the control box power lead.



Example: Rubber grommet on the fire wall left hand side.



Mount switches on driver's side kick panel, using a 20mm hole saw.