



# USER INSTRUCTIONS

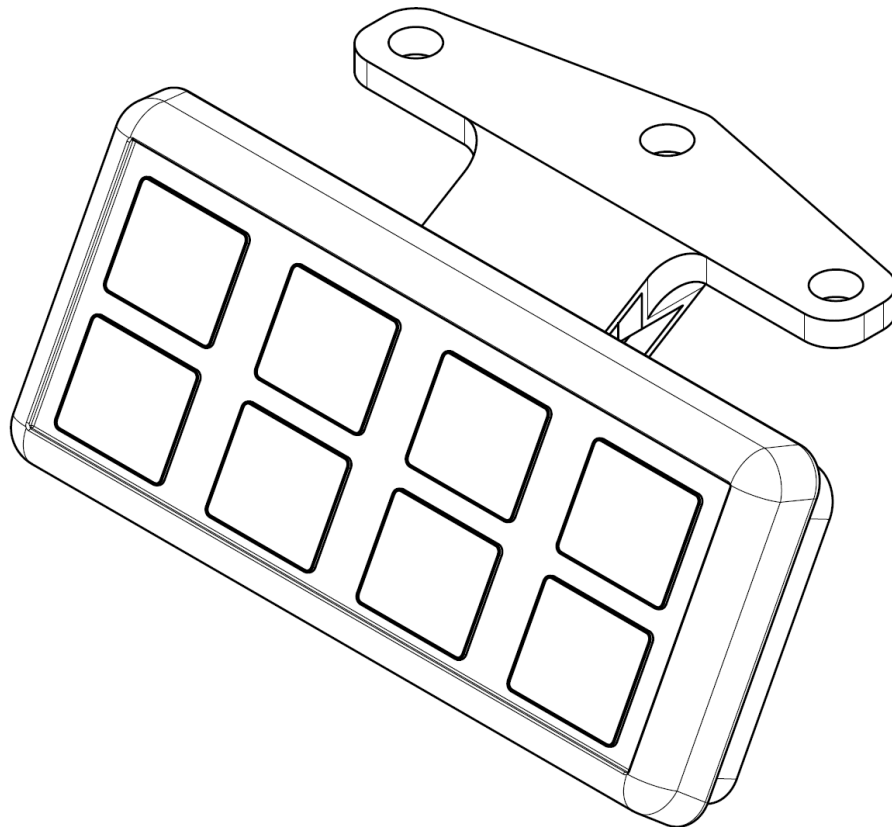
## AUXBEAM SWITCH PANEL MOUNT

for

**2015 - 2022 PX2/PX3 Ford Ranger**

**2018 - 2022 Ranger Raptor**

**2015 - 2022 Everest**



#### NOTES:

- Professional installation is recommended
- Improper removal of panels can damage them. Use appropriate tools for interior panel removal
- We highly recommend the relay unit mount available from <https://www.mil-specdesigns.com.au/collections/4x4-accessory-plates/products/roadpower-rsp8000-mounting-plate-kit?variant=40625791828002>
- A standard 4 blade automotive relay triggered by the vehicles high beam circuit is required if you wire in spotlights, to be compliant with state laws.

#### WHATS IN THE BOX

- AUXBEAM Switch Panel Kit
- G.O.A.T Offroad panel mount
- M6x35mm Button head bolts x3
- M6 Nuts x3
- M6 Washers x3

#### TOOLS REQUIRED

- Plastic pry tool
- 7mm socket and ratchet
- Phillips head screwdriver
- Flat blade screwdriver
- Drill
- 6mm drill bit
- Cable ties

## Part 1 – Switch Panel Install

### Step 1

Ensure the vehicle is parked in a safe location and the handbrake is fully applied.

Lower the glove box and remove by squeezing in each side so it pops free. Once it has been lowered sufficiently, remove the two white 'slide' pins at the hinge point. Place aside for later refitment.



### Step 2

Remove the trim piece that is between the glove box, and the radio stack. This trim is rather firm, and will require a firm grip. This trim pulls away from the dash panel at a perpendicular angle. If there are any white clips remaining in the dash after removing the trim, place them back on to the removed panel.

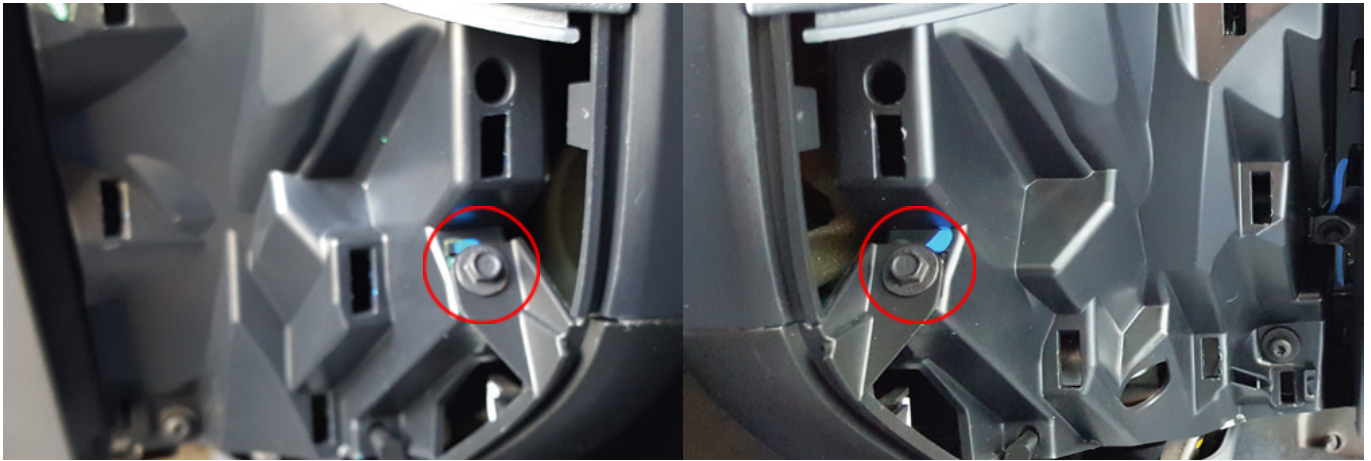
The trim is extremely tight and will need force to remove. It is extremely important that the trim be pulled directly out towards the back of the vehicle to avoid breaking any of the plastic tabs.

Repeat on the Drivers side



### Step 3

Using the 7mm socket, remove the bolts on either side of the lower centre dash piece.



### Step 4

Move the gear lever fully back to allow room to remove the original fascia (for automatics you will need to insert the keys and move to ACC).

The fascia (held in by 3 retaining clips) can now be removed just enough to allow for removal of both input plugs located behind the 12v accessory outlets by pulling directly backwards away from the fascia.

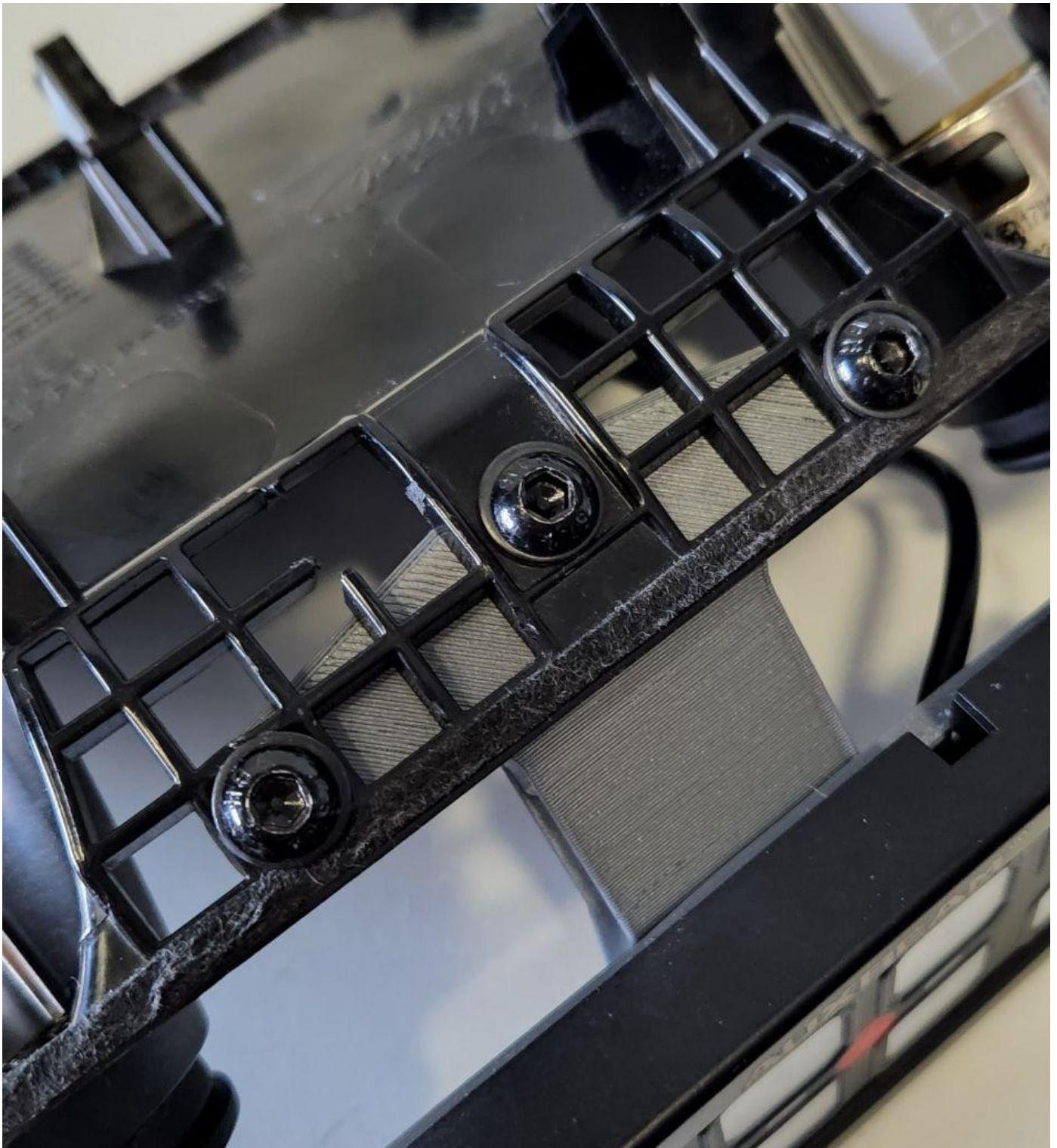


## Step 5

With the fascia free of the vehicle its now time to attach the switch pane to the fascia.

Firstly, the centre hole in the fascia will need to be enlarged to 6mm using a drill.

Using the provided M6 bolts and nuts, attach the switch panel as per below. The nuts do not need to be overly tight, just enough to not damage the fascia.



## Step 6

Now refer to the Auxbeam manual, to familiarise yourself with the kit components. Find the switch panel extension lead and connect it to the switch panel connector.

Opening the bonnet, look on the passenger side firewall for the large rubber grommet. This is where you will pass your switch panel lead through.

There will be knob on it, which may or may not have already been used. If it has not, you will need to take a sharp knife and slide it open, to fit the round connector end of the switch panel lead through. It may help to have a second set of hand to grab the end of the lead from inside the passenger footwell.



## Step 7

Once the lead is passed through the grommet, pull it through from the passenger footwell and route it behind the glovebox, over to the switch panel. Ensure that cable secured with cable ties.

Connect it to the switch panel and ensure that the connector is correctly aligned and tightened.

## Step 8

Once you have verified that its all connected, you can reinstall the fascia in the reverse steps.

Manoeuvre the fascia into place, reconnecting the two original 12v input cables to the power sockets, then align the two lower locating pins so they just locate correctly into the main console



## Step 9

Align the three white central locking tabs with the slots on the main console, applying slight upward pressure push until they locate into place.

## Step 10

Fit the two 7mm bolts, align the switch fascia to the upper dash then fully tighten the two 7mm bolts

## Step 11

Refit the two side trim panels, ensuring the white clips are all aligned before applying forward pressure.

## Part 2 - Switch Relay Unit Wiring

Refer to the Auxbeam manual for correct procedures and wiring instructions.

## Step 1

Mount the relay fuse unit in the engine bay. Again we highly recommend the mount system from Milspec-Designs

## **Step 2**

Mount the circuit breaker and run the large positive wires from the battery to the circuit breaker and circuit breaker to the relay unit.

## **Step 3**

Run the black wire to the CHASSIS negative, near the fusebox. DO NOT ATTACH EARTH DIRECTLY TO BATT NEGATIVE.

## **Step 4**

Connect the switch panel lead to the 4 pin connector on the relay unit.

## **Step 5**

Using the included wire tap, find a circuit in the fuse box which is only live when key is ON or ACC positions. Install the fuse tap and run it to the connection on the Auxbeam relay unit.

## **Step 6**

Turn the car ignition on and verify everything is working. You will now be able to install the "Switch Panel" app and connect to the switch panel. Refer to the Auxbeam manual for more information on these steps.

## **Step 7**

Wire in your loads, to the appropriate switch output, depending on the loads amp draw. Refer to Auxbeam instructions for switch panel layout and max outputs.

It is highly recommended that bootlace ferrules are used on the load wires when inserting them in the screw terminals on the relay/fuse module. This will provide a much better and connection and decrease the possibility of poor connections, increasing the resistance and putting more load on the system. Bootlace ferrule kits with a crimper are available on eBay for quite cheap.

## **Step 8**

Ensure all wires are secured and safely isolated. Install your legend stickers to the switch panel and your done.

We hope you enjoy the benefits of this great product!

### **Need help?**

**If you have any issues, questions or get stuck with the install, please email us at [info@goatoffroad.com.au](mailto:info@goatoffroad.com.au)**