



# EEZEE POWER



## **EEZEE POWER Switch Panel Jeep JL & JT Mounting Instructions**

TABLE OF CONTENTS	PAGE
Safety instructions	2
Scope of delivery	2
Relay Box mounting	3-6
Switch panel mounting	7-10
Start-up programming	11-12
Connecting accessories	13-14
Color programming	15-16
Troubleshooting	17



# EEZEE POWER

## General safety instructions

Please read this instruction manual carefully and familiarize yourself with the instructions, the received components and the needed tools.

Eezee Power will not be responsible for any damage caused by the failure to install the product according to these instructions.

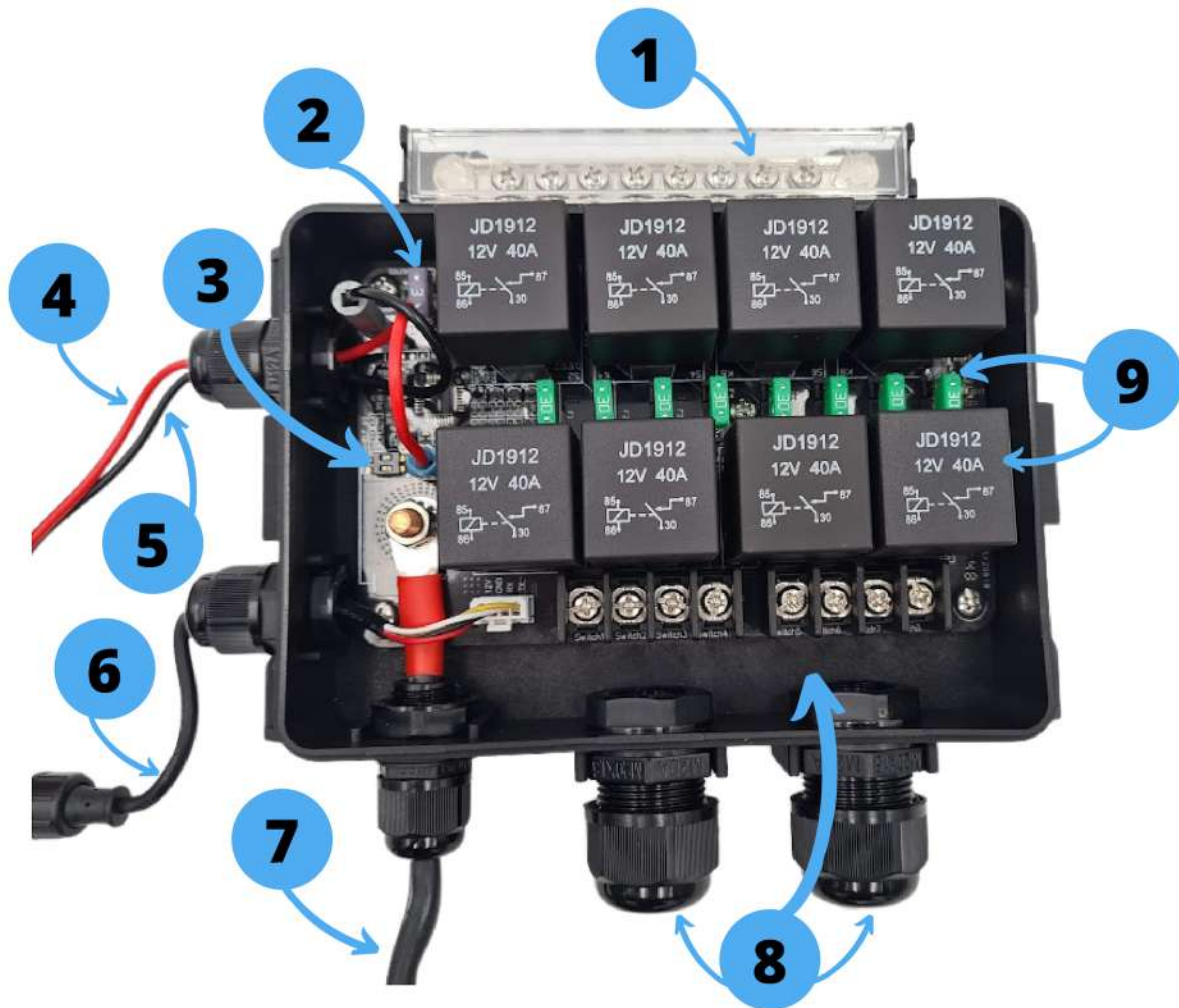
All information in this guide has been prepared with great care. Eezee Power, however, does not accept liability for possible errors, changes and/or omissions. This user guide is for information purposes only and aims to support you in installing the Switch Panel completely by yourself. Individual applications may not be covered and need different handling.

If you do not understand the instructions and/or you do not feel confident enough to tackle the installation, you should have the product installed by a professional.

## What you see is what you get

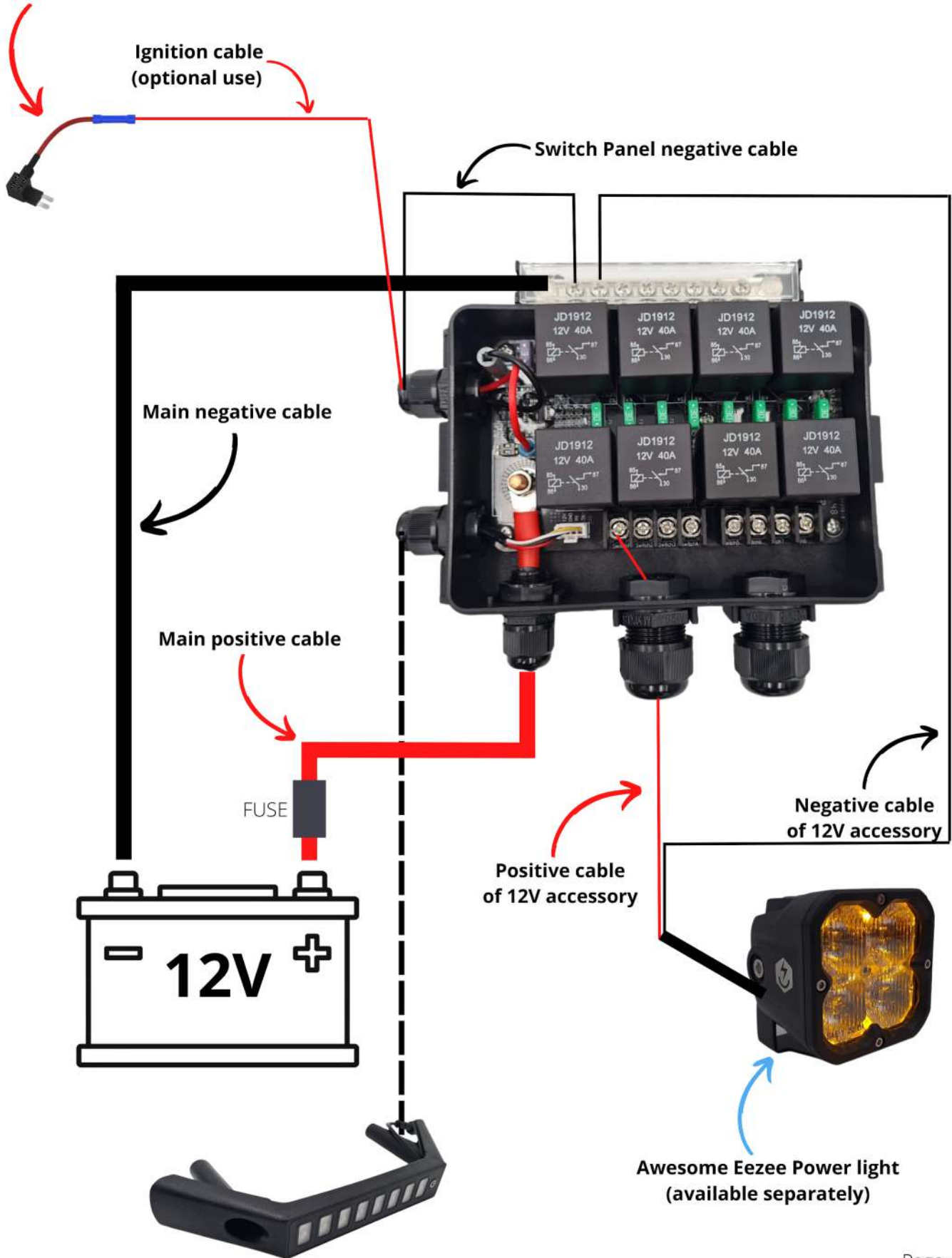


- 1 Relay box (specs on page 3&4)
- 2 Ignition wire
- 3 Extension cable relay box to switch panel
- 4 Main ground cable (negative)
- 5 Main power cable (positive)
- 6 Switch panel
- 7 Sticker sheet (2pcs)
- 8 Add-a-fuse tool (1pc)
- 9 Spare fuse 100 amp
- 10 M6 bolt



- 1 **Negative/ground busbar** : connect all negative cables of the accessories to this busbar. Then connect the busbar to the negative pole of the 12V battery with the supplied cable.
- 2 **Fuse** : 3 amp fuse of the switch panel. In case the switch panel does not turn on, it is recommended to check this fuse.
- 3 **Switch 1** : low voltage cut off (on or off) **Switch 2** : panel startup function (ignition or battery)  
See page 7 for more information about these functions.
- 4 **Ignition cable** : connect this cable to the ignition of your vehicle and the switch panel will power up when the car is turned on. See page 8 for more information about these functions.
- 5 **Ground cable of the switch panel** : connect this cable directly to the negative pole of the 12V battery or to the minus busbar of the relay box.
- 6 **Switch panel cable** that connects the relay box to the switch panel.
- 7 **Main power cable positive side** : connect this cable directly to the positive pole of the **12V battery**.  
**Attention: 24V batteries are not allowed!**
- 8 Connect the positive side of your **12V accessories** here (maximum 30 amp per output)
- 9 Fuse and relays (it is recommended to match the fuse to the type of cable you are using)  
**Attention: never fit a fuse larger than 30 amps!**

**Add-a-Fuse Tool**





# EEZEE POWER

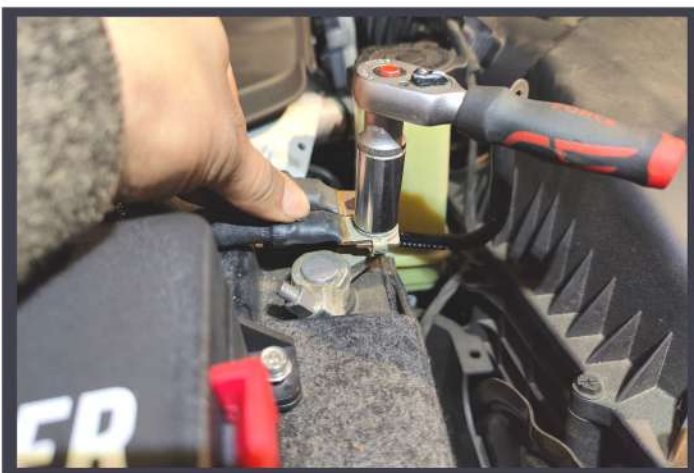


## Relay Box Jeep JL Mounting Instructions

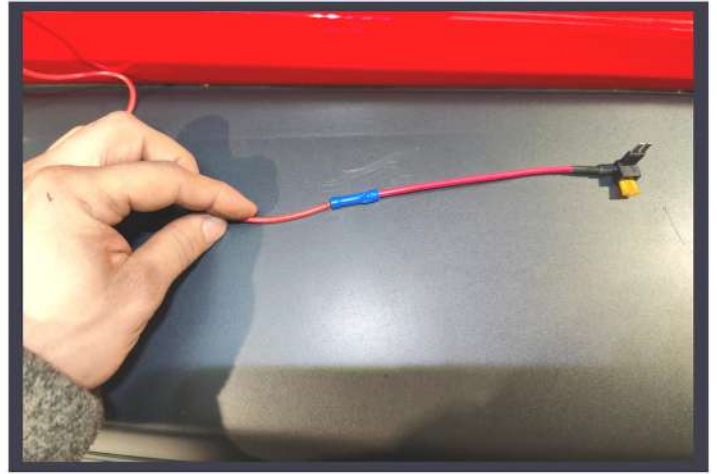
**Note that there is a variety of Jeep models. The pictures in this manual may not match your car's interior exactly.**



Remove 2 original bolts from the right fender of your Jeep.  
Place the Eezee power relay box on the original holes and bolt them tight.



Connect the main negative and positive cable to the battery. When you loosen the bolts of the battery, make sure that the cables of the Jeep always make contact with the battery.



Locate fuse F52, remove it and place it in the bottom spot of the Add-a-Fuse tool. Crimp the Add-a-Fuse tool onto the ignition cable (cable number 5 - see diagram on page 3).



Place the Add-a-Fuse tool in the original position of the car's fuse F52.



# EEZEE POWER



## Switch Panel Universal Mounting Instructions

**Note that there is a variety of Jeep models. The pictures in this manual may not match your car's interior exactly.**



Unclip the finishing caps from the handle. Then unscrew the 2 bolts with a 10mm socket wrench.



Remove the speaker grill by pulling straight up.



Remove the handle.



Remove the finishing caps from the handle.

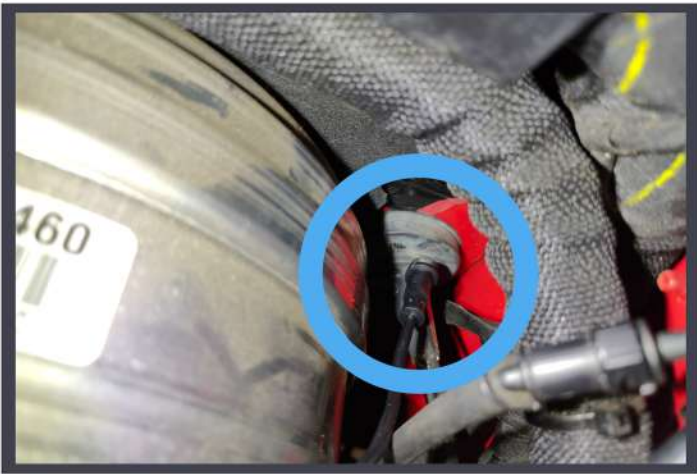


Drill a 20mm hole in the handle for the cable of the switch panel.

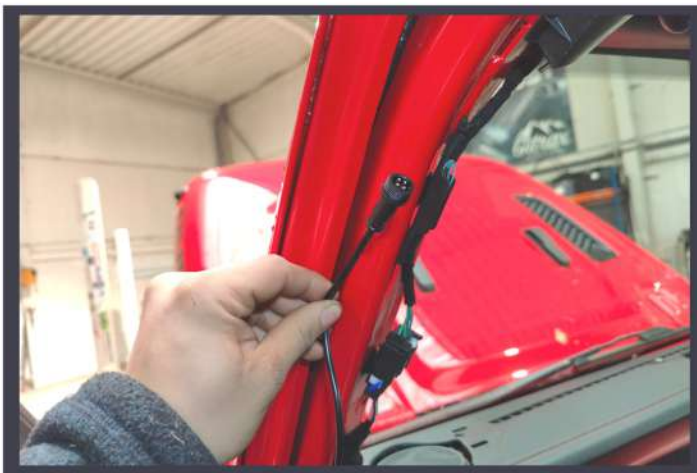




Pull the cable through the drilled hole and place the switch panel over the handle.



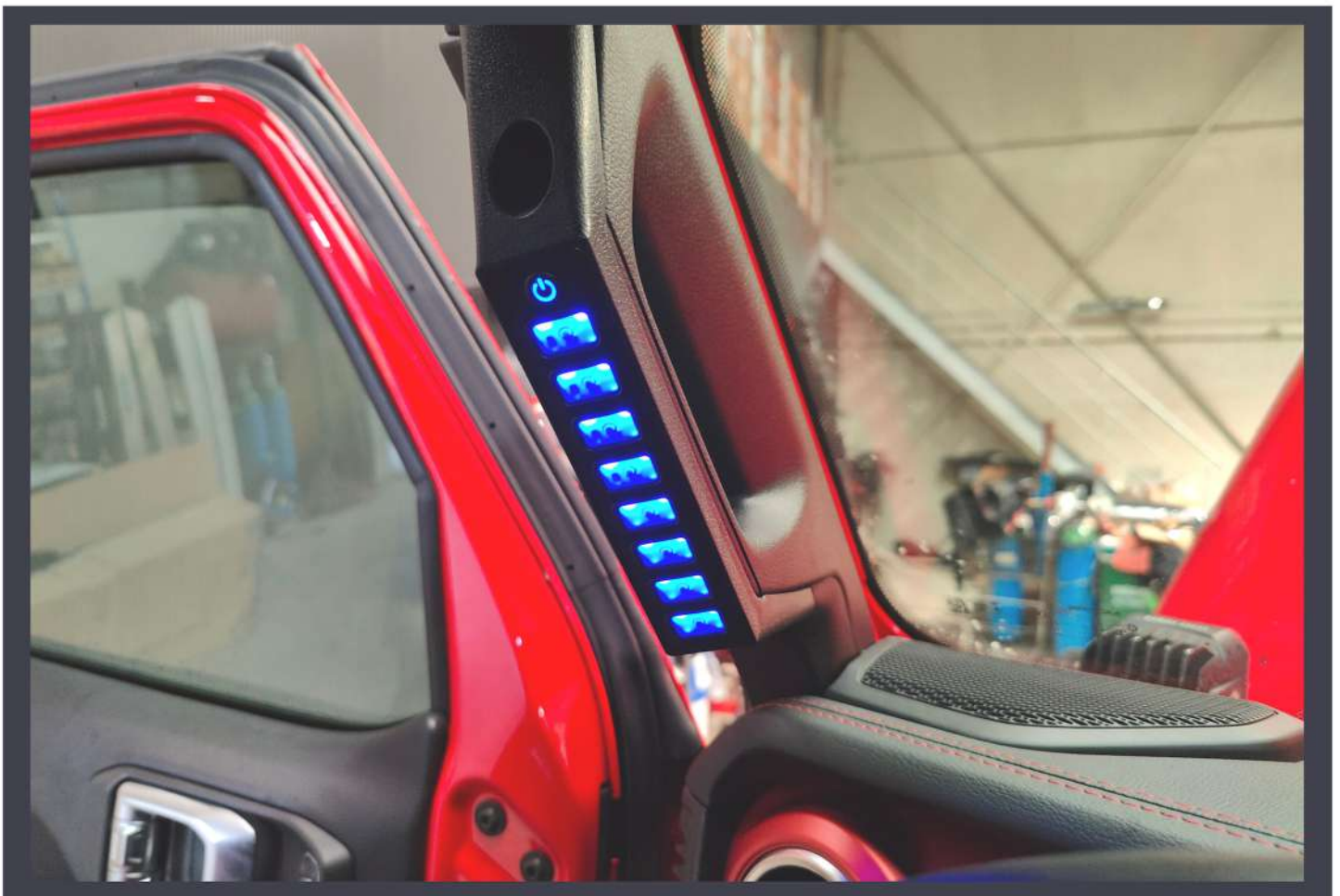
You can feed the switch panel connection cable into a rubber in the car's firewall. To do so, make a small cut with a utility knife and simply put the cable through the rubber.



Plug the cable into the switch panel.



Screw the switch panel in place with the supplied screws and snap the speaker grill back into place.





# EEZEE POWER



## Switch panel start-up programming

It is recommended to disconnect the main positive cable of the switch panel from the 12V battery before making changes.



The small DIP-switches are located here in the relay box.

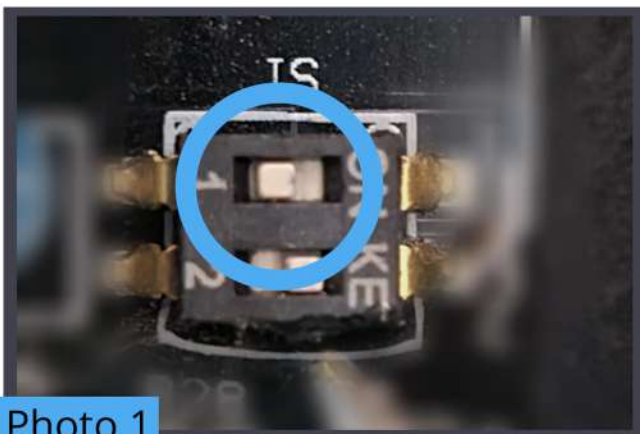


Photo 1

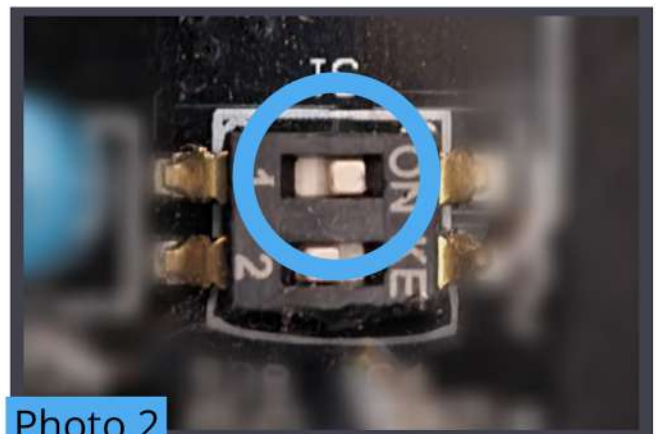
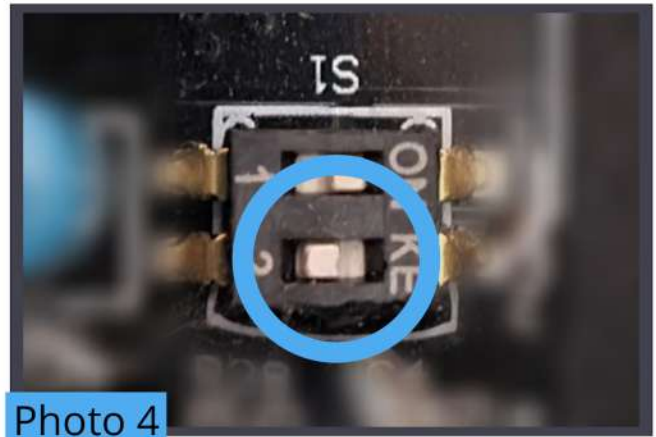
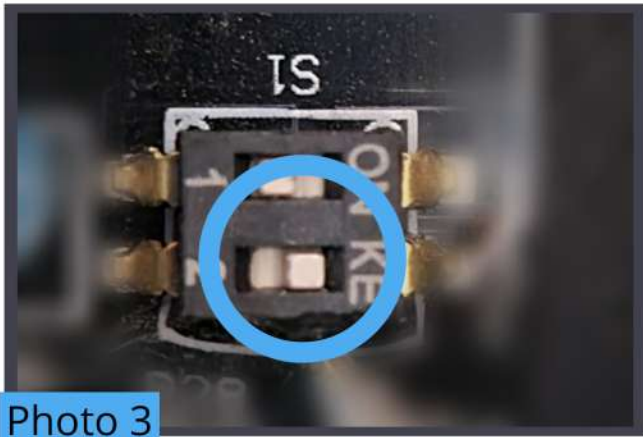


Photo 2

### Switch 1 - Low Voltage Disconnect (LVD)

This function allows the switch panel to switch off when the battery voltage becomes too low.

- **Photo 1:** the LVD is switched off
- **Photo 2:** the LVD is switched on



### Switch 2 - Switch Panel Start-up

You can link the switch panel to the vehicle's ignition. In this case, starting the car will automatically turn on the switch panel and turning off the ignition will automatically switch off the panel.

You can also program the switch panel to be manually switched on and off by pressing the power button behind the Eezee Power logo.

- **Photo 3:** ignition start-up. The switch panel will be active when the ignition is on. You must connect cable 4 to the ignition of your car in order to use this function.
- **Photo 4:** manual start-up. The switch panel is always active and you turn it off and on with the power button in the middle of the switch panel. Cable 4 should not be connected to use this function.

# EEZEE POWER

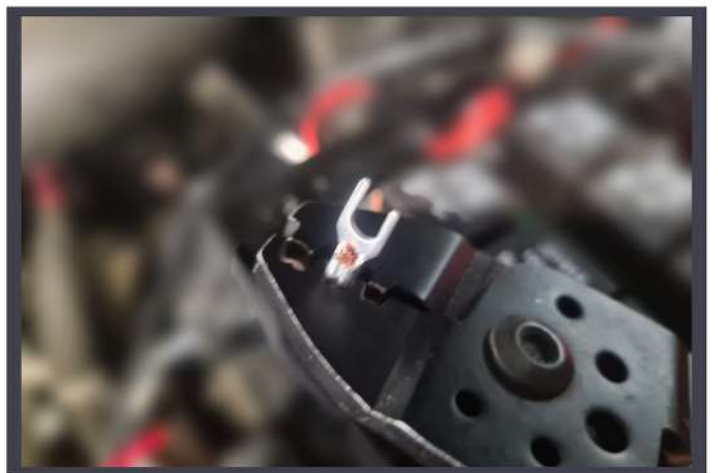


## Switch Panel Connecting 12V accessories

**Note that there is a variety of Jeep models. The pictures in this manual may not match your car's interior exactly.**



Remove the rubber plugs and place the positive cable of the 12V accessory through the provided holes.  
**Attention: never connect accessories with more than 30A!**



Strip the cable and crimp the supplied cable forks onto the cable.



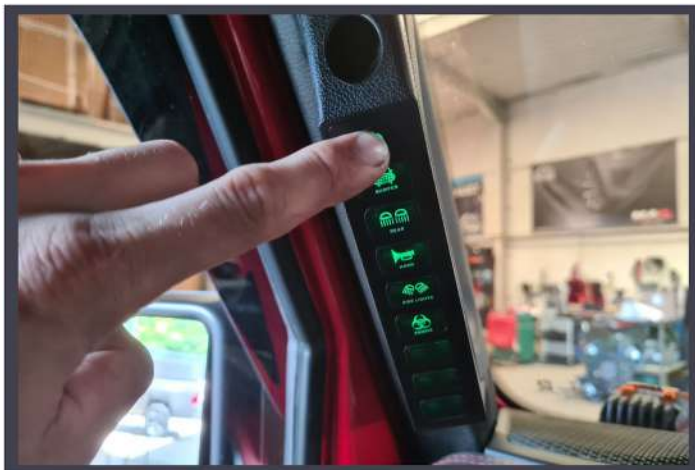


# EEZEE POWER



## Switch panel color and function programming

**Before programming can begin, you must ensure that the switch panel is turned on.**



### Programming the switches

All buttons can be programmed individually as:

- On/off button (press once for *on*, press again for *off*)
- Momentary (press and hold, for example for an air horn)
- Double function flash (press once for *on* and press twice for *flash*)
- Double function strobe (press once for *on* and press twice for *strobe*)
- Double function flash/strobe (press once for *on* and press twice for *flash/strobe*)
- Double function turbo strobe (press once for *on* and press twice for *turbo strobe*)

**Step 1:** make sure the panel is on.

**Step 2:** press the on/off logo for 5 seconds. The panel will blink once to confirm that the programming mode is active.

**Step 3:** select the button you want to program. With each press of the button, you scroll through the 6 options as mentioned above.

**Step 4:** program as many buttons as you like.

**Step 5:** when you are done, press the on/off logo again for 5 seconds to save your settings.

## Programming the switch panel color and brightness

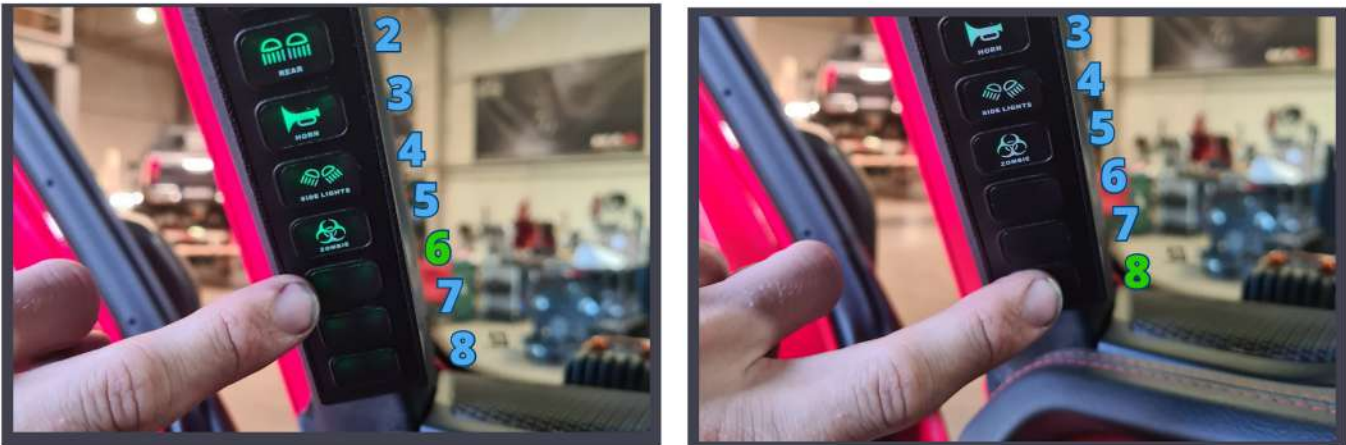
**Step 1:** make sure the switch panel is on.

**Step 2:** press the on/off logo 1 time (short press). The switch panel will turn off.

**Step 3:** press the on/off logo for 5 seconds. You are now in the color programming mode.



For every press to the on/off logo (short press), you will scroll through the possible colors. Those are: red, green, white and the awesome Eezee Power blue.



Once you have chosen your color, you can also choose the brightness of the backlight.

Pressing button 6 will make it brighter. Pressing button 8 will dim it.

Last step: press the on/off logo for 5 seconds to save your settings.





# EEZEE POWER



## Switch Panel Troubleshooting

**Problem: The Switch Panel doesn't light up.**

Remedy: Check the fuse alarm light. If the alarm light lights up, you need to replace the 3 amp fuse.

**Problem: The Switch Panel blinks and doesn't react to commands.**

Remedy: The low voltage cut-off function will be activated when the battery voltage is less than 11V. The Switch Panel will blink to show you that this is the problem. When the battery voltage is higher than 12.5V, the Switch Panel will function normally again.

**Problem: The Switch Panel doesn't light up when the ignition control wire is connected.**

Remedy: Check the Add-a-Fuse tool. Make sure that it is connected in the correct position and that the factory fuse is installed in the Add-a-Fuse tool.

**Problem: The Switch Panel doesn't turn on, yet everything is intact.**

Remedy: Test the pin control wire continuity.

**Problem: I have an issue with the Switch Panel that is not listed above.**

Remedy: please contact us at [info@eezeepower.eu](mailto:info@eezeepower.eu) with a clear description of the problem.