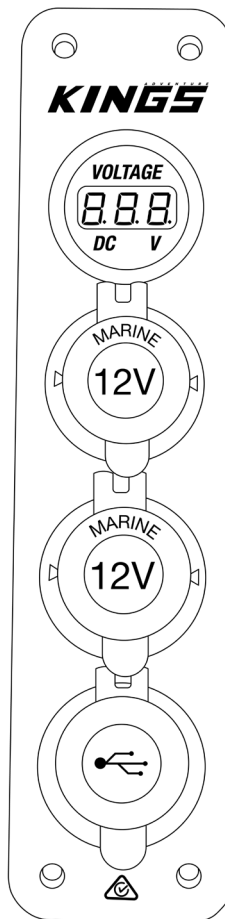




12V ACCESSORY PANEL USER MANUAL

AKEP-12VAP001



V1.6

**PLEASE READ AND UNDERSTAND THIS MANUAL
COMPLETELY BEFORE USING THIS PRODUCT.**

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1. INTRODUCTION

This manual covers the safety precautions, operational procedures, installation & warranty terms of the Adventure Kings 12V Accessory Panel. The 12V panel is an electrical accessory panel designed to be soft wired or hard wired into a vehicle where it is permanently located. Fitted with a 12V voltmeter, 2x 12V CIG power sockets & a 12V dual USB socket it is intended for camping and outdoor activities that require 12V accessories. For any questions or warranty claims please call 1800 883 964.

2. SAFETY

Please read and understand all the following safety information prior to using or installing the 12V Accessory Panel. Always take care when working with 12V electrical circuits & if you are unsure then contact a qualified auto electrician. Adhering to the following safety warnings will reduce the risk of fire, electrical shock or injury to persons.



SAFETY WARNING



- DISCONNECT THE POWER SOURCE (12V CAR BATTERY) BEFORE DOING ANY 12V WIRING.
 - ALWAYS USE APPROPRIATE PPE WHEN USING POWER TOOLS.
 - KEEP CHILDREN & PETS AWAY FROM THE 12V ACCESSORY PANEL.
 - ALWAYS USE SUITABLE GAUGE WIRE FOR THE INTENDED APPLICATION.
- DO NOT INSERT ANY BODY PARTS OR TOOLING INTO THE 12V ACCESSORY PANEL SOCKETS.
 - DO NOT EXPOSE THE 12V ACCESSORY PANEL TO WET WEATHER.
 - ENSURE ANY EXPOSED WIRES ARE COVERED.
- IN ORDER TO PREVENT AN ACCUMULATION OF HEAT PROVIDE AS MUCH VENTILATION AS POSSIBLE FOR THE 12V PANEL WHEN INSTALLED.

3. INSTALLATION INSTRUCTIONS

The following installation instructions focus on the mounting and wiring options suitable for the 12V Accessory Panel. If you are not comfortable with installing the 12V Accessory Panel yourself then it is recommended that you contact a qualified auto electrician to complete the installation. Always ensure that the power source (12V battery) has been disconnected before working on a 12V electrical system.

3.1 MOUNTING

The 12V Accessory Panel is designed to be flush mounted to a flat surface. The vertical orientation of the 12V Accessory Panel means that it fits most of the Titan wing kit face panels. It can also be mounted on other flat surfaces if there is sufficient clearance behind the panel and if the flat surface is a minimum of 220mm tall by 60mm wide. The following instructions focus on mounting the panel to a Titan wing kit face panel.

TOOLS REQUIRED:

- 1x electrical drill (cordless or corded)
- 1x phillips driver bit
- 1x 38mm holesaw (suitable for metal) & arbor to suit
- 1x paint pen or texta
- 1x 2.5mm drill bit
- 1x round metal file

STEP 1:

Ensure that there is sufficient clearance behind the intended mounting panel & that the working area is clear of any unwanted items.

STEP 2:

Remove the negative bridging wires from the back of the dual USB socket & the top cigarette socket. Take care when pulling wires to ensure you don't pull the wiring out of the crimped terminal. Leave the negative wire attached to the voltmeter.

STEP 3:

Remove the plastic nuts on the back of each socket and remove each socket. This leaves the mounting plate with nothing fitted.

STEP 4:

Position the mounting plate where required and mark the hole centres for each socket. See Figure 1 to the right for hole dimensions. Use these hole dimensions to confirm you have accurately marked the holes centres.

STEP 5:

Drill out each socket hole using the 38mm hole saw. Be careful not to rip the carpet if drilling into a Titan wing kit face panel.

Hint: Use high speed with the 38mm holesaw to initially cut the carpet.

STEP 6:

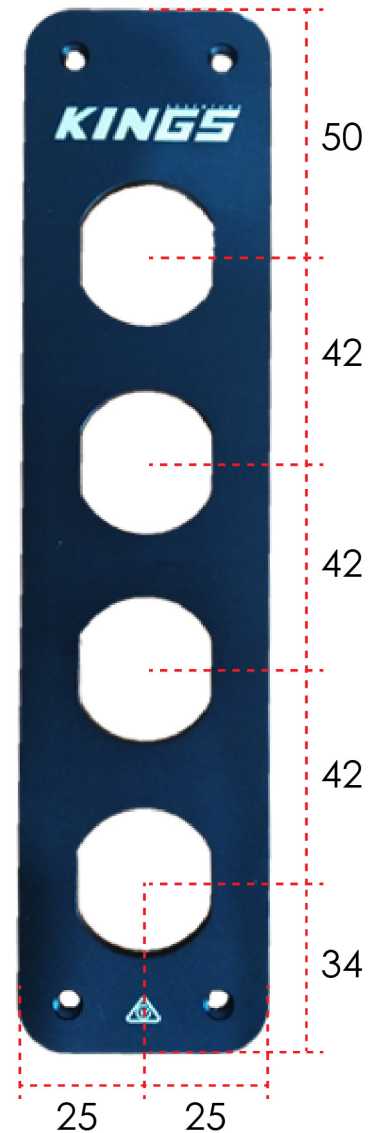
Reinstall each 12V socket into the mounting plate and secure using the plastic nuts. Do not reconnect negative wires yet. Place the assembled 12V Accessory Panel in position.

STEP 7:

With the 12V Accessory Panel in position you can drill the mounting holes using the 2.5mm drill. After drilling out the mounting holes use the driver bit to screw the mounting screws into the wing kit face panel.

STEP 8:

Once the panel is secured with the four mounting screws you can reconnect the negative bridging wires.



*All dimensions in millimetres

FIGURE 1

3.1 WIRING

Wiring the 12V Accessory Panel into a vehicle or canopy can be done a variety of different ways. The following shows a simple and safe wiring method for the 12V Accessory Panel. Remember to disconnect the power source (12V battery) before attempting any 12V electrical work. Contact a qualified auto-electrician if you are unsure or not confident wiring the 12V Accessory Panel in yourself. See Figure 2 below for the wiring diagram.

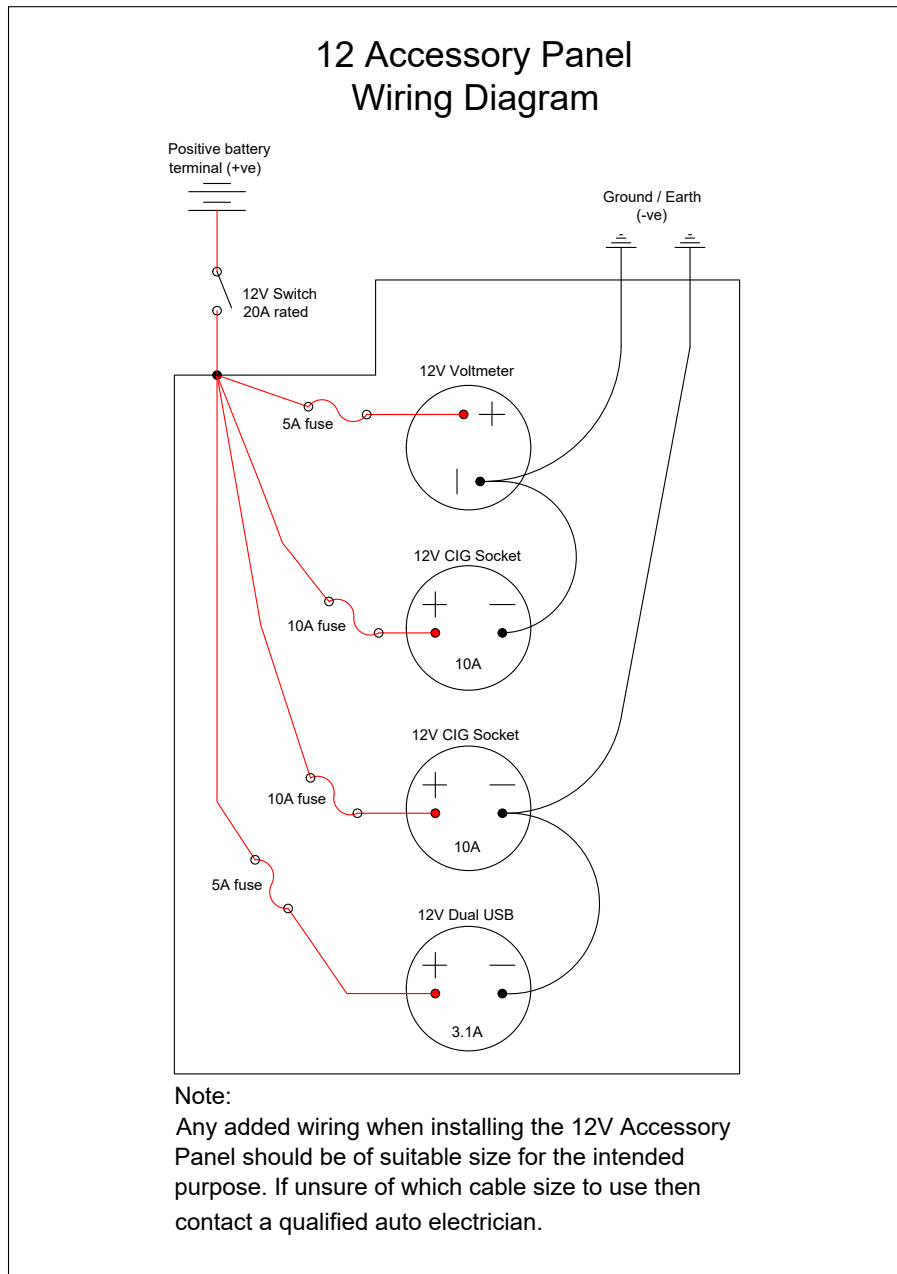


FIGURE 2

It is recommended that a 12V switch is installed between the battery and the 12V Accessory Panel. Including a 12V switch into the circuit means that power to the 12V Accessory Panel can be isolated allowing for removal, installation, maintenance or control of accessories. All joints should be soldered together and shrink wrapped to protect against short circuits.

4. OPERATING INSTRUCTIONS

After installation of the 12V Accessory Panel the voltmeter should indicate the voltage being supplied by the power source (12V car battery). If the voltmeter is not showing a reading or the sockets are not providing power, then complete the following checks or contact a qualified auto-electrician:

- Check there is power to the voltmeter using a 12V multimeter or 12V test light.
- Check that the 12V switch is turned on if it has been installed into the circuit.
- Check the earth (black wires connected to vehicle ground or negative terminal on power source)
- Check the wiring on the accessory panel for any poor connections.

Note: The LED voltmeter requires approximately 5V to illuminate.

If there is 12V power to the panel then you will have a voltage reading @ the voltmeter. If the wiring for the 2x 12V CIG power sockets & the 12V Dual USB socket is correct, then the 12V Accessory Panel is ready for use. To access the 12V sockets lift up the waterproof rubber covers. See Figure 3 below for an image of a fitted 12V Accessory Panel.

The recommended maximum current draw from each of the 12V CIG Sockets is 10 Amp. Ensure that suitable size wire is used when DIY installing this product.



FIGURE 3

12 MONTH LIMITED WARRANTY

WARRANTY PERIOD:

Full 12 month warranty from date of purchase against all manufacturing defects.

WHAT DOES THE WARRANTY COVER?

Under normal usage conditions, this warranty covers:

- a. Any defect in design or manufacture which results in the product failing to perform substantially as described in authorised advertising or literature.
- b. We will either repair or replace the product at our discretion providing that the fault is found to have been caused by a design or manufacturing defect and not misuse or tampering.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The benefits provided to you as the consumer by this warranty are in addition to other rights and remedies available to you under the law.

THE WARRANTY DOES NOT COVER:

- a. Any damage resulting from improper use
 - b. Faulty installation or modification made during installation
 - c. The cost of removing and reinstalling the product
 - d. Travel and /or other expenses due to customer's remote location
 - e. Transport charges and damage in transit. It is your responsibility to deliver and pick up your product, including any costs associated with the postage of your repair or replacement product. If you do freight your product we recommend that you insure against loss or damage.
 - f. Any loss directly or indirectly associated with the product failing to operate.
 - g. Damage caused by mould, insects, animals, misuse, incorrect operation, adverse weather, accidents and fair wear and tear
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TO MAKE A CLAIM, PLEASE ENSURE YOU RETAIN YOUR SALES RECEIPT OF PURCHASE

1800 88 39 64



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