

IGNITION CONTROLLED | ANDERSON PLUG



Description:

This kit is designed for vehicles equipped with variable voltage (smart) alternators. It is designed to allow the Anderson plug power to be turned on and off with the cars ignition system and kill power to the caravan when the car is turned off so that the caravan battery cannot flatten the car battery. This is a good option when the Anderson is used to power a 3way fridge in the caravan as these fridges can draw up to 25amp and will flatten the car battery quite quickly when the car is turned off. However this isolator stops that from happening.

Installation:

Do not connect to the battery first, this is the last step in the installation.

Step 1: ROUTING CABLE

Route cable from engine bay down along chassis rail toward rear, following existing wiring under car.

Be sure to avoid any hot or moving parts such as exhaust or drive shafts.

Use cable ties supplied in the kit to secure harness along route. Once cable is routed to the rear of the vehicle it is time to mount the Anderson plug and cover near the existing trailer plug using the accessories supplied in the kit. Watch the following video to aid in this part of the installation.

[Video: Mounting Anderson Bracket](#)

Step 2: MOUNTING RELAY

Once you have mounted the Anderson plug on the rear of the car and secured the harness under the car its time to mount the solenoid into place.

Using the 6mm metric bolts supplied in the mounting hole of the solenoid find a suitable place on the inner guard in the engine bay to mount the solenoid. Ensure that the solenoid is mounted to the metal body and that the small black earth wire has a good connection to ground (Vehicle body).

Step 3: TAPPING INTO FUSE BOX

Next step is to find an ignition controlled fuse in the engine bay fuse box. This is a fuse that has no power when the car is turned off and has power when the cars ignition is turned on and the dash display's all red ignition lights. This kit is universal and designed to fit a range of cars that have under bonnet fuse boxes. For a list of known cars and a more detailed guide to this step please refer to the links below.

Isuzu Dmax | Bt 50 2021 model [Dmax|Bt 50 Install Instructions](#) (refer to Step 3)

Isuzu Dmax | Holden Colorado 2012-2020 [Dmax|Colorado Install Instructions](#) (refer to Step 2)

Mitsubishi Pajero [Pajero Install Instructions](#) (refer to Step 4 - Please note this is an acc circuit not ignition as there is no ignition fuse in the engine bay fuse box)

Step 4: CONNECTING TO BATTERY

Connect the **red terminal** to the batteries **positive terminal** and the **black** cable to the batteries **negative terminal**. Secure the midi fuse holder and now your Anderson installation is complete.