REDARC SBI12
ANDERSON PLUG

Description:
This kit is designed to easily add an Anderson with an automatic isolator to your car. It is perfect for use with car that are fitted with a standard or temperature compensating alternator.

If you are unsure of what alternator is on your car please use the tool provided by Redarc.

Link: Redarc Dual Battery Calculator

This kit is designed to kill power to the caravan when the car is turned off so 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 unto 25amp and will flatten the car battery quite quickly when the car is turned off. 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 the engine bay down along chassis rail towards the 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.

Link: Mounting Anderson Bracket

Step 2: MOUNTING SBI12

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 holes 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: ELECTRICAL CONNECTIONS

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.