

NEXT GEN FORD RANGER | EVEREST | VW AMAROK KIT



Kit Includes:

- Redarc BCDC charger with pre wired harness
- Genuine Grey Anderson for Unregulated Solar Input
- Redarc laser cut bcDC mounting bracket
- 2x Midi fuse holders and fuses
- Add a circuit fuse holder
- nuts/bolts and cable ties
- REDARC instruction booklets

**It is the responsibility of the installer to make sure that all cabling and circuit protection is secured using either the nuts and bolt or cable ties supplied in the kit. The installer should also make sure that all cabling is away from sharp edges, air conditioning lines and any hot or moving parts to avoid damage to the vehicle.*

YOUTUBE INSTALLATION GUIDES:



[Redarc BCDC
Charger
Installation](#)



[Piranha Dual
Battery Tray
Installation](#)



[ORD Accessory
Panel
Installation](#)



[Accessory
Harness
Installation](#)

Step 1:

First start by disconnecting the cars main start battery.
This should be done by removing the negative terminal from the battery.

Remove front plastic guard between radiator and front grill. To remove clips push the centre part of the clip down to allow the clip to release.

Remove 4 top grill mounting bolts and head light mounting bolt to allow grill to be moved. (See Installation Video above for tips and details)

Remove bonnet catch.

For this step follow the Redarc instruction booklet.

Click the link or scan the QR code to view the booklet:



Download: [Redarc Bracket Instructions](#)

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Step 2:

Before mounting charger into place begin to route cables toward main and aux battery. Use cable ties to secure harness behind front grill.

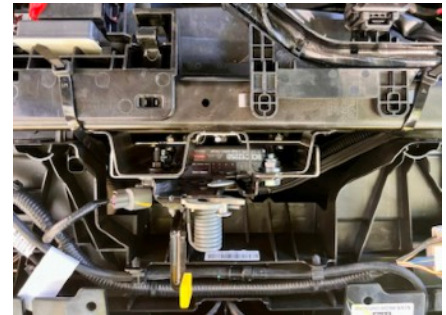
Step 3:

Mount bcdc behind the grill in the position shown in the Redarc instruction booklet.

Reinstall bonnet catch.

Reinstall front grill mounting bolts and headlight securing bolts.

Reinstall shroud above radiator.



Step 4:

The cable marked **aux battery** routes to the drivers side side for connection to secondary aux battery. The cable marked **main battery** will be routed to the existing start battery on the passenger side.

The **red wire** is to be connected to the **positive terminal** of the battery and the **black wire** is to be connected to the **negative terminal** of the battery **on the body side of the current shunt not the terminal side**. As shown in the image below.



Connect cables to batteries. First connect **aux battery** by connecting the **black wire** to the **negative terminal** and the red wire to the positive terminal. Next repeat this step on the main start battery.

Secure cables and fuse holders with cable ties provided to existing wiring harness

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The last electrical condition to be made is the small cable labeled ignition. This cable is to be routed to the engine bay fuse box and using the included “add a circuit” fuse holder remove the red 10amp fuse shown in the image below and insert the “add a circuit fuse holder” into the fuse slot. Place heat shrink onto ignition cable and connect “add a circuit” fuse holder and using a heat source shrink the heat shrink over the join to add protection.



Step 5:

Now that every thing has been installed and connected it is now time to test the dual battery system.

Watch the video to see how to test your dual battery system:
[Testing the Redarc Charger](#)



Start the engine and after a short time the vehicle light should come on and the stage light will either be solid on or flashing depending on the state of charge of the battery. This can be seen in the image.