

# VW Amarok 2010on Tub Kit

## INSTALLATION INSTRUCTIONS



### Kit Includes:

- Redarc bcdc charger with pre wired harness
- TLR Powder coated tub mounted Dual Battery Box
- 2x midi fuse holders and fuses
- Nuts/bolts, screws and cable ties
- Redarc instruction booklets and TLR instruction sheet
- 1x single socket outlet
- 1x Dual socket outlet
- Anderson plug to accept unregulated 12v solar directly

Full Installation video Available for this kit: [Install video](#)



### Step 1: Mounting the Battery Box

Follow the TLR instructions for this part of the install.

First remove the factory tie down and 2x factory bolts at the back of tub.

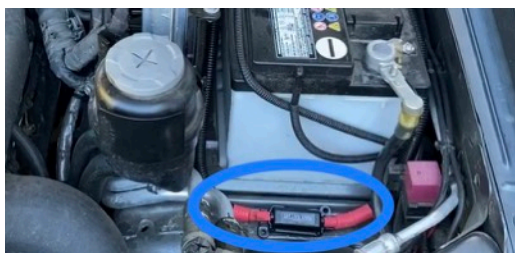


In models with a tub liner the next step will be to mark where the box is going to be installed and to cut out the tub liner to allow the box to sit into position.



Mount box into position by re installing the bolts removed, 2x bolts from tie down and 2x bolts on bracket at rear of tub. Next mark and drill 2x extra holes in floor of tub and use bolts and nuts supplied in kit to secure extra 2 bolts in tub floor. Tighten all 6 bolts securing box into position.

Place chosen battery into tray and secure using hold down clamp supplied in kit.



### Step 2: Routing Cables to Main Battery

Start by routing cables out of the tub by exiting through the tub close to the back of the cab then run the cable down the back out the car to the chassis rail and follow existing cabling under vehicle beside chassis rail to the engine bay. Secure harness using cable ties supplied in kit. Once in the engine bay, connect the main fuse holder labeled main to the harness and mount midi fuse holder in engine bay near battery using screws supplied in kit.

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## Step 3: Making Electrical Connections

Once the midi fuse holder has been mounted securely it's time to start making the electrical connections. Start by connecting the main positive cable to the vehicles main battery as seen in the image on the left. Once the main battery has been connected it is time to connect the auxiliary battery.

First connect the 3 black negative terminals to the aux battery and then connect the 3 red positive terminals to the positive terminal as shown in the image on the right.



Once the cables have all been connected its time to put the 2x 15amp blue fuses into the fuse holders and power up the accessory sockets. Our dual battery system is now completely wired up and ready for testing.

## Step 4: Testing the Redarc charger

Now that everything has been installed and connected it is time to test the system. Refer to the installation video to see how to test your dual battery system.



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.

Your dual battery system is now complete now you're ready to wire up any accessory you require to the battery.

*\*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.*