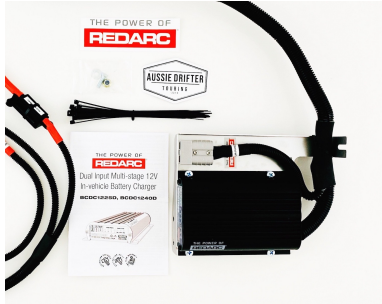


TOYOTA HILUX 2005-09/2015 INSTALLATION INSTRUCTIONS



Click the link below to view a video of this kit being installed:

<https://youtu.be/DTG7aIIAuVc>

KIT INCLUDES:

- Redarc BCDC charger with pre wired harness
- Laser cut BCDC mounting bracket
- 2x Midi fuse holders and fuses
- nuts/bolts, screws and cable ties
- REDARC instructions



**All our chargers are sent out on the "A" profile setting (unless otherwise specified), this is the lowest voltage setting and therefore the safest setting for the charger to be set to. We recommend using this setting. "A" profile will produce a maximum voltage of 14.6v, "B" profile has a maximum voltage of 15.0v and "C" profile has a maximum voltage of 15.3v. For more information please refer to page 3 of your REDARC manual. If you wish to change the profile please check with your battery supplier that the chosen battery can handle a voltage higher than 14.6v.*



Step 1

Mount bcdc bracket in front of the radiator as shown in the image. For this section follow the REDARC instruction booklet in your kit.

Step 2

Now that the charger is mounted we can begin to route the cables in the direction shown in the image (on right).



Firstly we are going to route the cables from the front grill area of the car into the engine bay, this is done by going through the gap between the headlight and the radiator following existing cabling as can be seen in the installation video for this kit.



Step 3

Click the link below to see how the electrical connections are done:
<https://youtu.be/U5gdC6Uyx0s>

Once cables are through to the engine bay and up to the battery area, it's time to make the electrical connections.

First connect the cables to the aux battery, **black** cable to **negative** and **red** cable with fuse holder to **positive** terminal. Then follow the same steps on the main start battery.

Use cable ties supplied to secure all cabling from BCDC to batteries.



Step 4

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

Watch the video to see this being done: <https://youtu.be/Vxc2R7mEswl>

Start the engine and after a short time the vehicle light should come on and the 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, you are now ready to wire up any accessories you require to the aux 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.*

