

TOYOTA LANDCRUISER 100 | 105 SERIES KIT INSTALLATION INSTRUCTIONS



WATCH: [Full Installation video](#)

Kit Includes:

- Redarc bcdc charger with pre wired harness
- Redarc laser cut bcdc bracket
- 2x Midi fuse holders and fuses (40amp)
- nuts/bolts, screws and cable ties
- REDARC instruction booklets and sticker

**PLEASE NOTE: 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.*

Step 1

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

Remove front grill in front of radiator. See installation video for tips ^



Step 2

Mount bcdc behind the grill in the position shown in the Redarc instruction booklet (Follow Redarc instructions for this section)



Step 3

Now that the charger is mounted we can begin to route the cables. The cable marked **aux battery** routes to the drivers 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** terminal is to be connected to the **positive** terminal of the battery and the **black** terminal is to be connected to the **negative** terminal of the battery.

Follow existing cabling behind grill to be able to cable tie to later. On each side the cables will be routed through a gap in between radiator and headlight as seen in the image >



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Step 4

WATCH: [How to do your Electrical Connections](#)

Connecting 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.

Last thing to do before testing is to cable tie cables to existing wiring harness or brackets under the grill and then reinstall grill.

Step 5

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

WATCH: [How to test your Redarc BCDC 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.

Your dual battery system is now complete, now you are ready to wire up any accessories you require to the battery.