Land Cruiser 80 Series Dual Battery Tray Kit

Installation Instructions

SKU **DBTFZJ80**

This kit includes all the necessary components to install this secondary battery tray in a 1FZ-FE model 80 Series Toyota Land Cruiser or Lexus LX450. The installation process will involve installing the tray brackets and mounting the tray to your vehicle's engine bay. Once installed, the tray will fit most Group 27 and Group 34 automotive batteries or can be used for mounting other accessories such as an air compressor. The tray features six auxiliary holes that can be put to future use for mounting accessories or custom brackets. Our USA-made battery tray is made from 5052 grade aluminum, and the battery tie down is powder coated in matte black.

Compatibility

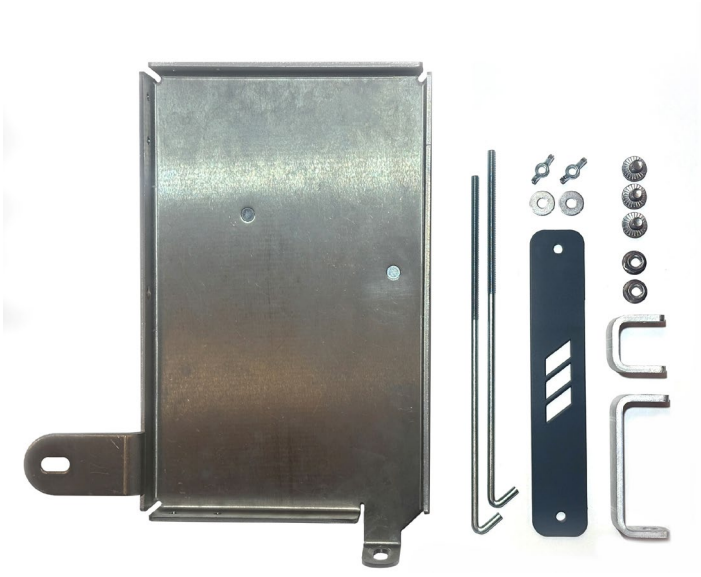
1993-1997 Toyota Land Cruiser, 1996-1997 Lexus LX450

Required

- Metric sockets, ratchet, and various extensions
- **Relocation of OEM windshield washer fluid reservoir is required to make room for this tray. Couth offers a washer bottle relocation kit (SKU WBRFZJ80). This guide will assume the washer bottle has already been relocated or removed.**

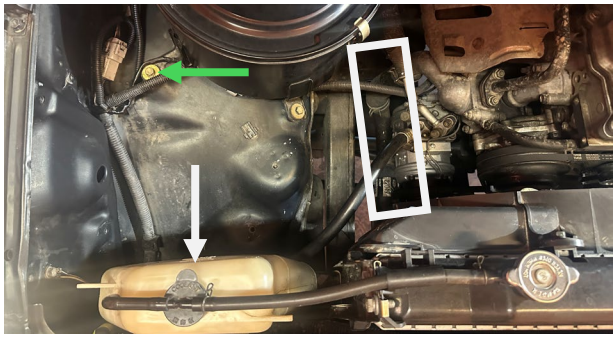
Included Parts

Part	Quantity
Battery Tray	1
Small Bracket	1
Large Bracket	1
Battery Tie Down	1
Battery Tie Down Rods	2
M8x30mm Bolt	3
M8 nuts	2
M5 wing nuts	2
M5 washers	2

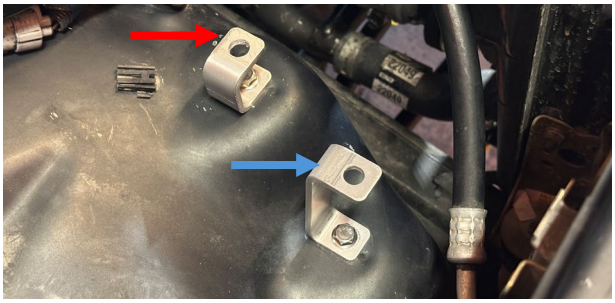


Installation

1. Locate the front right side of the engine bay. To make installation easier temporarily relocate the radiator overflow reservoir (white arrow) by pulling up and carefully setting the bottle near the engine block (white rectangle). Remove the uppermost air filter box mounting bolt (green arrow) and set it aside for later.



2. Install the Small and Large Brackets as shown below, each with one M8x30mm bolt, into pre-existing threaded holes on the fender. The Small Bracket (red arrow) should be installed on the upper area and the Large Bracket (blue arrow) on the lower area. Pay attention to the direction each bracket is facing. The brackets should be installed with the larger of the two holes on the top.

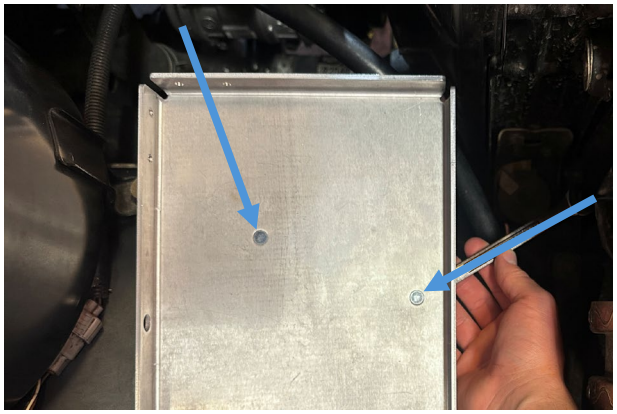
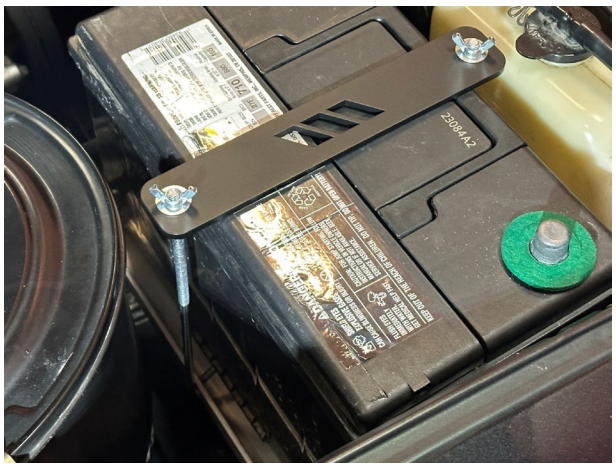


3. Carefully lower the Battery Tray into place, sliding the “tongue” under the air filter box where you removed the mounting bolt in Step 1. Make sure the pre-fitted threaded standoffs on the bottom of the Battery Tray go through the holes on top of the Small and Large Brackets. If they don’t align, remove the tray and slightly reposition the brackets before refitting the tray.

4. Reinstall the air filter box bolt you removed in Step 1, ensure the bolt goes through the “tongue” of the Battery Tray (white arrow).

5. Install the remaining M8x30mm bolt to secure the side of the tray to the pre-existing threaded hole on the side of the fender wall (red arrow)

6. Install an M8 nut on each of the studs coming off the bottom of the Battery Tray to mount the tray to the Small and Large Brackets. You will need to approach each bracket with a wrench from different angles indicated by the blue arrows below.



7. The tray installation is complete. If you will be mounting a battery, place your battery on the tray. Hook the included Battery Tie Down Rods to the holes on either side of the tray and slide the Tie Down Bracket over the threaded ends. Install one M5 washer over each threaded rod, then install one M5 wing nut on each rod and finger-tighten to secure the bracket over the battery.