

# Land Cruiser "Amazon" 100 Series - Buyers Information

## Foreword

Identifying which Land Cruiser 100 Series (AKA "Amazon") ECU tuning kit for your vehicle can be confusing without knowing **exactly** what to look out for. The crossover period between earlier & later LC100 models was not straightforward; Toyota amalgamated older engine & ECU components with newer technology.

This document outlines how to identify what product you'll need in reference to your Land Cruiser's ECU setup, as well as identifying your specific turbo type - so you can be confident you've bought the right kit!

## ECU Components - Making Sure you're buying the right kit:

Locate your Cruiser's ECU unit, located behind the glovebox.

Disconnect your battery. Open your glovebox & push in the sides, allowing it to fall forwards & reveal a black plastic cover. Remove the 3 black screws with a Phillips screwdriver to gain access to the ECU unit.



Unplug one of the ECU connections.

If the plug has two (2) rows of pins [figure A], you'll need to purchase the [Unichip Land Cruiser Kit for the 98 - 02 models](#). From here, you'll then need to identify your turbo type (see below). If you DO NOT have a Vacuum Canister present, you'll need to also purchase a [Boost Solenoid Kit](#) to control boost pressure.



Figure A - 2 Pin Connectors



Figure B - 4 Pin Connectors

If your connections have four (4) rows of pins [figure B], you will need to purchase the [Unichip Land Cruiser Kit for the 02 - 07 models](#). You will NOT need to purchase a Boost Control Kit\*, UNLESS you wish to run a Non VNT modified turbo.

\*RRP £180.00 - Not to be confused with Solenoid Only listing.

Unsure? Take a photo of your ECU connections & send it to us via email!

## Identifying your Turbo Type:

The easiest way to identify a VNT turbo is the presence of a vacuum canister [figure C]. This is typically mounted at 90° to the turbo's boost control solenoid.

If you do not have a vacuum canister present (i.e. you have a conventional wastegate actuator), then you'll need to purchase the [Unichip Boost Control Kit](#) to get the **full potential** from the Unichip ECU upgrade.

You may also use the Boost Control Kit & Unichip to control an aftermarket turbo instead of the VNT unit.



Figure C - VNT Vacuum Canister

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