

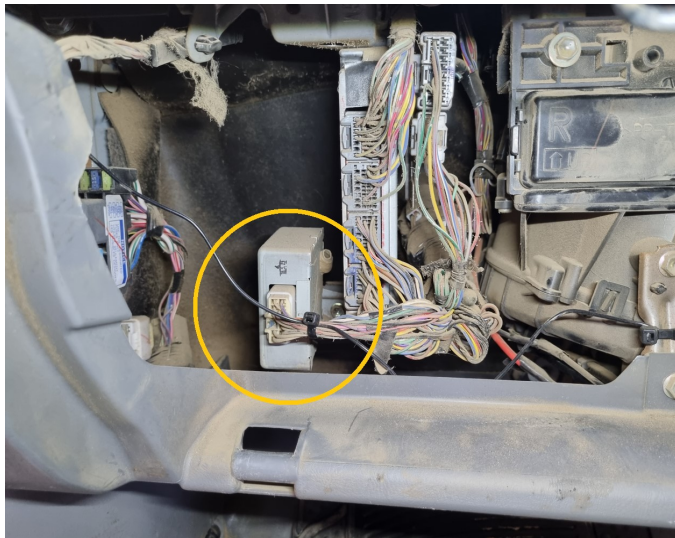


TOYOTA HILUX 1KD-FTV VNT TURBO DRIVER SIMULATOR

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This module simulates the ECU interface to the driver module for the variable geometry / VNT turbo fitted to 2005 to 2015 Toyota Hilux KUN26 3.0L Diesel 1KD-FTV models.
It allows removal of the VNT turbo stepper motor and driver module when fitting a traditional wastegate style turbo – while keeping the ECU thinking the VNT is still fitted and working correctly.

INSTALLATION



Note: There are 2 different versions of the driver module used depending on manufacture date of the vehicle. The simulators are not interchangeable. Confirm you have the correct simulator.

Up to 08/2006: 10 pin connector
08/2006 onwards: 12 pin connector

1. Unclip and remove glovebox
2. Locate factory turbo driver module beside ECU
3. Unplug factory driver module, and plug connector directly into simulator.

TROUBLESHOOTING

The following 4 wires need to be connected as shown for the simulator to work.
All remaining factory wires can be left disconnected.

Factory Wire	Simulator Wire	Connector Pin (before 08 / 2006)	Connector Pin (from 08 / 2006)
Black	Black	8	3
White / Black	White / Black	6	4
Red / Black	Red / Black	4	2
Black / Orange	Orange	9	7

The simulator contains 2 internal LED's that can be seen by opening the case.

Red = Powered, but no signal received from ECU

Green = Simulating VNT turbo