

Technical Bulletin

Nissan Navara, X-Trail - Fuel Pump ECU Reset

Applicable References: ADT36846C, ADN12310, ADN12322, ADN12331

Applications: Nissan Navara D40 2.5 2005>, X-Trail 2.2 2001>2003

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After working on the fuel system of a Nissan dCi engine it is recommended that you perform a Fuel Pump ECU reset & learn cycle.

Timing of these steps is critical so do use a watch/stopwatch.

The procedure is as follows:

1. Warm the engine up to operating temperature and then switch off everything electrical followed by the engine.
2. Keep the doors shut.
3. Turn on the ignition so that all the dash warning lights come on.
4. Wait 3 seconds.
5. **Now pump** the accelerator pedal 5 times within 5 seconds.
6. With your foot now OFF the accelerator wait 7 seconds.
7. After 7 seconds **Press and Hold** the accelerator pedal down for 10 seconds.
8. After 10 seconds the Engine Management Light (EML) will start to flash.
9. Remove your foot from the accelerator - the vehicle is now in 'Diag' mode.
10. **Press and Hold** the accelerator pedal down for another 10 seconds.

The EML light will now start flashing faster, indicating that the ECU is in learning mode.

NOTE: The flashing EML light will now list any fault codes found. 10 fast flashes followed by 3 sets of 10 slow flashes means no fault stored. Anything else means you have fault codes that need investigating.

11. Now in learning mode, take the vehicle for a 5-10 minute steady drive using all the gears and a variety of throttle openings.
12. Once completed, turn the engine off and the ECU is now fully reset.



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