

5363

LASER[®]

Fuel Pump Sprocket Locking Tool

Instructions



Diesel pump locking pin for Nissan 2.2 | 2.5 engines

Applications:

Nissan diesel 2.5 | 2.2 fitted to Almera | Almera Tino
Cabstar | Navara | Pathfinder | Primera/X-Trail

OEM Ref KV11106030



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Guarantee

If this product fails through faulty materials or workmanship, contact our service department direct on: +44 (0) 1926 818186. Normal wear and tear are excluded as are consumable items and abuse.

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Fuel Pump Sprocket Locking Tool

Diesel Pump Locking Pin for Nissan Diesel 2.5 and 2.2 DI/DCI

Nissan 2.5 and 2.2 diesel engines identified below use markings on their chains and sprockets for timing purposes and only require one pin to lock the position of the diesel pump. This diesel pump locking pin has been designed specifically for this purpose.

Applications:

ID	Component Code	OEM Ref	Description
1	C545	KV111060 30	Diesel Pump Sprocket Locking Pin

Preparation

- Lower and upper sumps must be removed

Component Descriptions

This locking pin has been designed specifically to hold the diesel pump sprocket in its timed position.

Instructions – Removal of timing chains

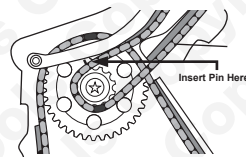
Note: these instructions are for reference only. Please refer to the vehicle manufacturer's instructions or other such reputable data provider. The Tool Connection recommend the use of Autodata.

- Turn the engine in a clockwise direction only and set the engine to TDC on No.1 cylinder checking that the crankshaft pulley keyway is in the 12 o'clock position and the camshaft pulley markings are positioned as shown.



- Push home the primary chain tensioner and remove it.
- Remove the chain guides and rails.
- Insert the pin into the fuel pump sprocket as shown

Instructions:



- All chain components can now be removed

Fitting:

- Check the crankshaft and cam shaft marks are aligned as instructed above.
- Check the holes in the diesel fuel pump sprocket and housing are aligned.
- Ensure the primary chain guides and crankshaft sprockets are fitted.
- The diesel pump sprocket, primary chain and crankshaft sprocket should be fitted as an assembly ending up with the coloured links on the chain aligning with the relevant marks on the sprockets.
- Silver link to Diesel Fuel Pump
- Gold link to crankshaft
- Fit the pin into diesel pump sprocket
- Fit the secondary chain ensuring the sprocket marks align as shown above and the coloured marks on the chain align in accordance with the manufacturer's instructions.
- Sliver links to camshafts
- Gold link to Diesel Fuel Pump

Chain/Sprocket alignment

Secondary chain - Cam shaft links aligned - silver

Primary chain – pump link aligned - silver

Secondary chain – pump links aligned – gold

