

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by the Tool Connection for incorrect use of any of our products, and the Tool Connection cannot be held responsible for any damage to personnel, property or equipment when using the tools. Incorrect use will also invalidate the warranty.

If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.

LASER®

Fuel Injection Pump Sprocket Locking Tool - Ford Transit

Applications:
2.2 & 3.2 TDCi Duratorq
engines from 2006 onward



5 April 2017 2:24 PM

Guarantee

If this product fails through faulty materials or workmanship, contact our service department direct on +44 (0) 1928 818186. Normal wear and tear are excluded as are consumable items and abuse.

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Designed to allow the removal of the chain driven high pressure diesel injection pump without removing the timing chain or disturbing the engine timing. Designed to be used with Laser 6191 to remove sprocket cover and Laser 5825 pump sprocket puller.

- Engine found in Ford Transit and Ford Ranger.
- Equivalent to OEM tool codes 303-1317.
- Use with Ford OEM tools 303-679 (found in Laser 6191) & 303-249 (found in Laser 5825).
- Maintains engine timing and timing chain position while permitting removal of the fuel pump.

Applications:

Ford Transit 2.2 Duratorq 2006 on
Ford Transit 3.2 Duratorq 2006 on
Ford Ranger 2.2 Duratorq 2011 on



Ref:	Component	OEM	Description
A	C796	303-1317	Injection Pump Sprocket Locking Tool



The following instructions are for guidance only. Please refer to OEM derived data such as the vehicles manufactures own data or Autodata.

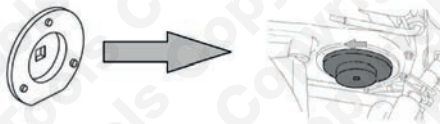
The use of this holding tool is purely down to the user's discretion and The Tool Connection Ltd cannot be held responsible for any damage caused what so ever.

Warning:

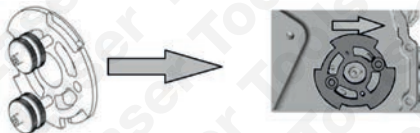
It is important the locking tool (6828) is used to lock the fuel pump sprocket on the 2.2/3.2 Duratorq-TDCi (Puma) Diesel engine when removing and fitting the fuel pump to ensure the timing chain and engine timing are not disturbed.

Instructions:

Remove injection pump sprocket cover: Use the cover removal tool from Laser 6191 to remove the fuel pump sprocket front cover (available separately). Remove sprocket fixing bolt but do not pull the pulley off at this stage.



Locking the fuel pump sprocket in position: Fit the tool and turn clockwise as far as the stop, screw in the two setscrews.



Preparation for pump removal: Remove the fuel pipes (seal up open fuel feed and return pipes) remove all pump fixing bolts and electrical connections.

Pressing injection pump out of the pulley: Using an appropriate pulley puller (Laser 5825 available separately) press the injection pump out of the sprocket. Connect Laser 5825 or similar to the sprocket locking tool using the 2 additional knurled nuts and push the pump out turning the puller force screw by about 4cm.

DO NOT REMOVE THE SPROCKET HOLDING TOOL UNTIL THE PUMP IS REFITTED*