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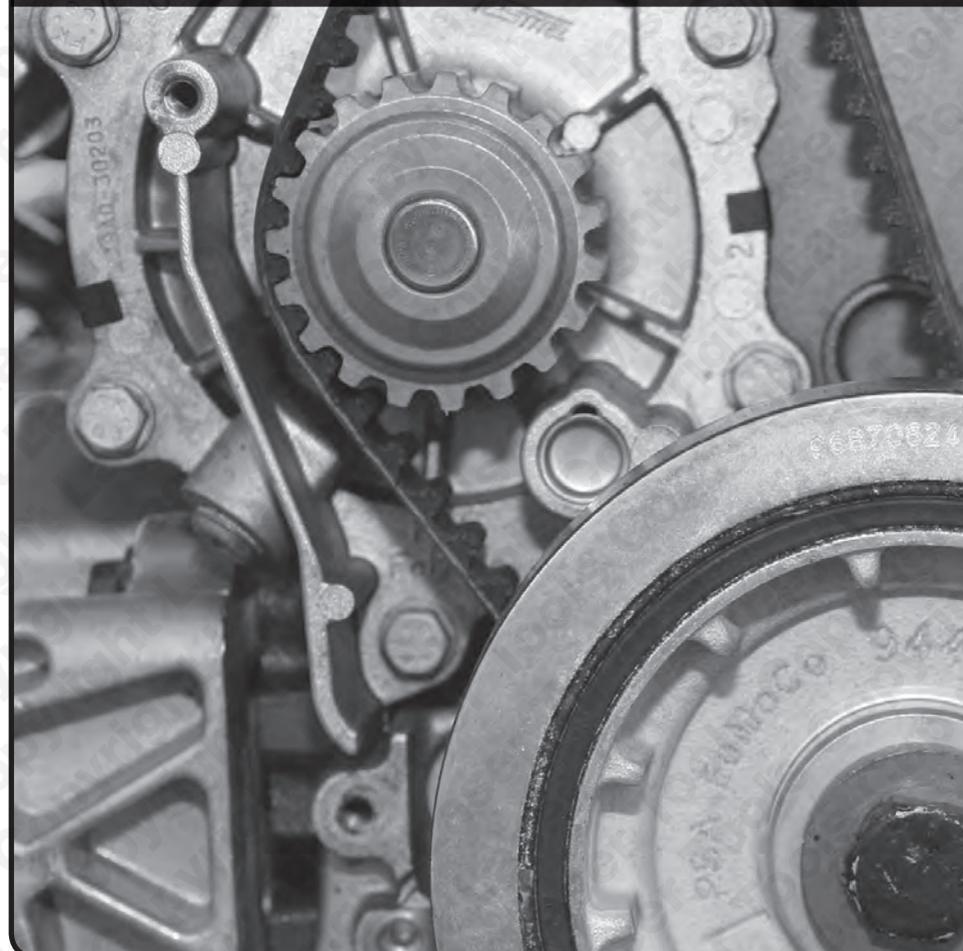
If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical 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®

Part No. 4086

Engine Timing Tools Ford Diesel 1.8 TDCi/TDDi engines



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Guarantee

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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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Engine Timing kit Ford Duratorq (TDCi) Belt Driven Diesel - 1.8

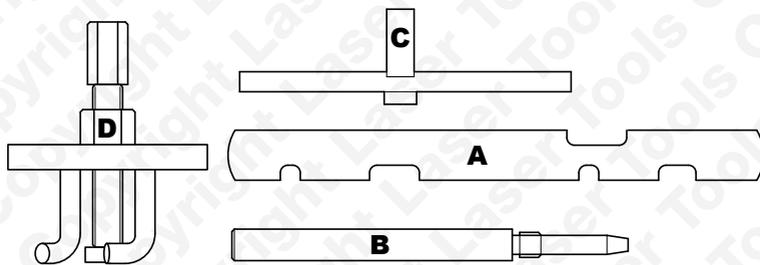
A practical kit allowing the locking of the camshaft and crankshaft for replacement of the timing belt on the Ford range of 1.8 TDDi, TDCi and turbo diesel engines.

Used on the Ford diesel engine where the diesel pump is driven by a separate chain drive.

Applications

Make	Make	Model	Year	Engine	
Ford	C-MAX	TDdi	2009 to 2012	1.8	KKDB
	Courier	TDCi	2010 to 2015	C9DC	P7PA
	Fiesta	ECONetic	2009 to 2011	BHDA/B	P9PA
	Focus	Turbo	2009 to 2015	BHPA	P9PB
	Focus C-MAX			C9DA/B	QYBA
	Galaxy			F9DA/B	QYWA
	Mondeo			FFBA	R2PA
	S-MAX			FFDA	R3PA
	Tourneo Connect			FFWA	RTN
	Transit Connect			HCPA	RTQ
				HCPB	RTP
				KHBA	RWPA
			KKDA	RWPC	

Plan Layout



Ref	Code	Oem Code	Description
A	C034	303-376	Camshaft Alignment Strap
B	C060	303-193, 21-104	TDC Setting Pin
C	C056	303-393, 21-168	Flywheel Locking Tool
D	C289	303-651, 21-229	Camshaft Sprocket Puller

Instruction

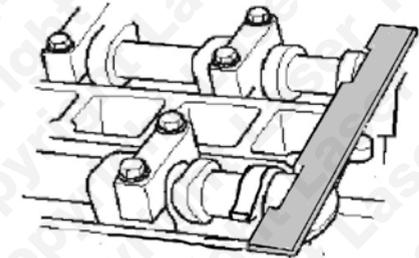


The following instructions are for guidance only. Please refer to OEM derived data such as the vehicles manufactures own data or Autodata. The use of these engine timing tools is purely down to the user's discretion. The Tool Connection Ltd cannot be held responsible for any damage caused what so ever.

Note: when tightening or loosening the camshaft or crankshaft sprockets always hold with a suitable wrench or holding tool.

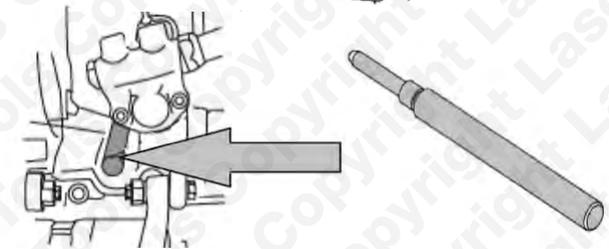
Component A: Camshaft Alignment Strap

Used to lock both the camshafts in their timed position independently of the camshaft pulleys.



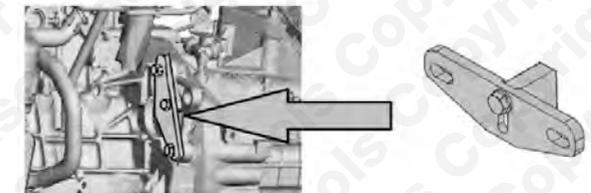
Component B: Crankshaft Alignment Pin

Turn the crankshaft to just before TDC and insert component. Turn the crankshaft until it contacts.



Component C: Flywheel Locking Tool

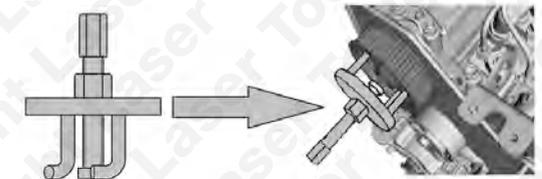
Used to hold the flywheel in place of the starter motor to allow tightening and loosening of the front crankshaft pulley.



Component D: Camshaft Pulley Puller

Loosen the camshaft holding bolt. Fit the Puller as shown and tighten the force screw while holding the body of the puller stationary using the Hex Key provided.

Continue tightening the force screw to remove the pulley.



Note: Lubricate threads of the force screw with Molybdenum Disulphide Grease