

Incorrect or out of phase engine timing can result in damage to the valves. The Tool Connection cannot be held responsible for any damage caused by using these tools in anyway.

Safety Precautions – Please read

- Disconnect the battery earth leads (check radio code is available)
- Remove spark or glow plugs to make the engine turn easier
- Do not use cleaning fluids on belts, sprockets or rollers
- Always make a note of the route of the auxiliary drive belt before removal
- Turn the engine in the normal direction (clockwise unless stated otherwise)
- Do not turn the camshaft, crankshaft or diesel injection pump once the timing chain has been removed (unless specifically stated)
- Do not use the timing chain to lock the engine when slackening or tightening crankshaft pulley bolts
- Do not turn the crankshaft or camshaft when the timing belt/chain has been removed
- Mark the direction of the chain before removing
- It is always recommended to turn the engine slowly, by hand and to re-check the camshaft and crankshaft timing positions.
- Crankshafts and Camshafts may only be turned with the chain drive mechanism fully installed.
- Do not turn crankshaft via camshaft or other gears
- Check the diesel injection pump timing after replacing the chain
- Observe all tightening torques
- Always refer to the vehicle manufacturer's service manual or a suitable proprietary instruction book
- Incorrect or out of phase engine timing can result in damage to the valves



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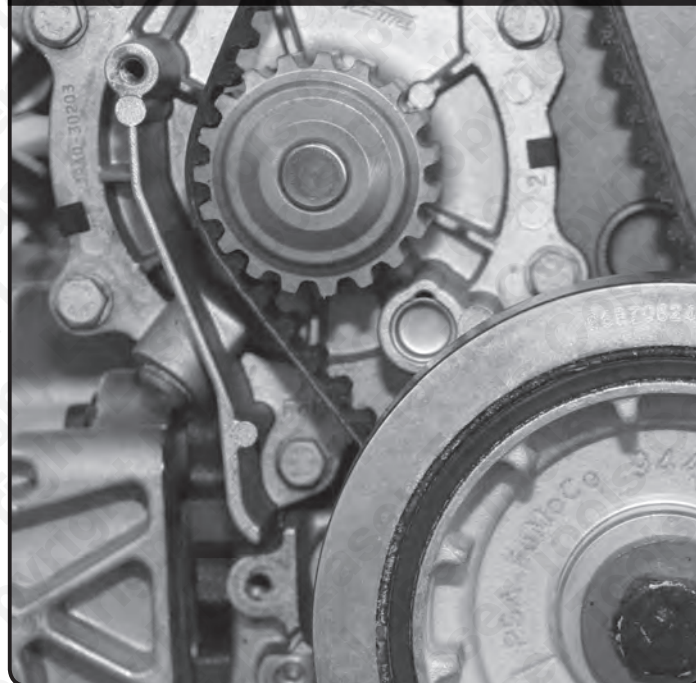
Guarantee

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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Part No. 5657

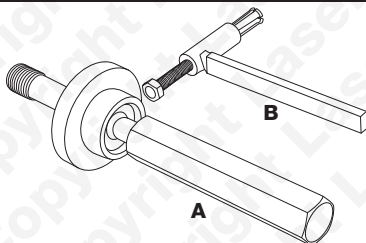
Engine Timing Tool Upgrade Kit - Ford



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Plan Layout



ID	OEM Ref	Description
C302	310-095/23-067	Front Cover Alignment Tool
C303	303-652/21-230	Pump Pulley Holding Tool

Engine Timing Tool Upgrade Kit - Ford

Tools required to assist in the removal of the diesel pump drive chain used on the popular 1.8 TDDi engines.

In order to fully remove the pump drive chain it is necessary to remove the camshaft drive belt. To remove the camshaft drive belt additional tooling will be required.

The Tool Connection recommend the use of Part No. 4086 for camshaft drive belt removal.

N.B. The information given below is for reference only.

The Tool Connection Ltd recommend the use of Manufacturer data or Autodata.

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Component Descriptions:

Component A – Front Cover Alignment Tool

Used to align the engine front cover when refitting the cover to ensure correct alignment before fitting the front pulley.

Component B – Pump Pulley Holding Tool

Designed to be inserted into a hole on the puller and the expanding collet expanded to grip the pulley. The tool is then used to hold the pulley in place to avoid dropping it into the sump

Applications

1.8L Duratorq-TDCi Diesel | 1.8L Duratorq-TDDi Diesel

1.8L Endura-DE Diesel | 1.8L Endura-DI Diesel.

Manufacturer	Model	Type	Engine Code
Ford	C-MAX	1.8 D TDCi	BHPA
	C-MAX	1.8 D TDCi	HCPA
	C-MAX	1.8 D TDCi	KKDA
	Courier	1.8 D Turbo	C9DC
	Courier	1.8 D Turbo	RTN/RTQ
	Courier	1.8 D Turbo	RTP
	Fiesta	1.8 D Turbo	C9DC
	Fiesta	1.8 D Turbo	RTN/RTQ
	Fiesta	1.8 D Turbo	RTP
	Focus	1.8 D TDCi	KKDA
	Focus	1.8 D TDCi	KKDB
	Focus	1.8 D TDCi	F9DA/B
	Focus	1.8 D TDCi	FFDA
	Focus	1.8 D TDDi	BHDA/B
	Focus	1.8 D TDDi	C9DA/B
	Focus	1.8 D TDDi	C9DC
	Focus C-MAX	1.8 D TDCi	BHPA
	Focus C-MAX	1.8 D TDCi	HCPA
	Focus C-MAX	1.8 D TDCi	KKDA
	Galaxy	1.8 D TDCi	FFWA
	Galaxy	1.8 D TDCi	QYWA
	Mondeo	1.8 D TDCi	FFBA
	Mondeo	1.8 D TDCi	KHBA
	Mondeo	1.8 D TDCi	OYBA
	Mondeo	1.8 D TDCi ECONetic	KHBA
	S-MAX	1.8 D TDCi	FFWA
	S-MAX	1.8 D TDCi	QYWA
	Tourneo Connect	1.8 D TDCi	HCPA
	Tourneo Connect	1.8 D TDCi	HCPB
	Tourneo Connect	1.8 D TDCi	P7PA
	Tourneo Connect	1.8 D TDCi	P9PA
	Tourneo Connect	1.8 D TDCi	P9PB
	Tourneo Connect	1.8 D TDCi	R2PA
	Tourneo Connect	1.8 D TDCi	R3PA
	Tourneo Connect	1.8 D TDCi	RWPA
	Tourneo Connect	1.8 D TDCi	RWPC
	Tourneo Connect	1.8 D TDDi	BHPA
	Transit Connect	1.8 D TDCi	HCPA
	Transit Connect	1.8 D TDCi	HCPB
	Transit Connect	1.8 D TDCi	P7PA
	Transit Connect	1.8 D TDCi	P9PA
	Transit Connect	1.8 D TDCi	P9PB
	Transit Connect	1.8 D TDCi	R2PA
	Transit Connect	1.8 D TDCi	R3PA
	Transit Connect	1.8 D TDCi	RWPA
	Transit Connect	1.8 D TDCi	RWPC
	Transit Connect	1.8 D TDDi	BHPA