

# LASER<sup>®</sup>

Part No. 6827

## Engine Service Kit

Volvo/Ford 2.5 Petrol



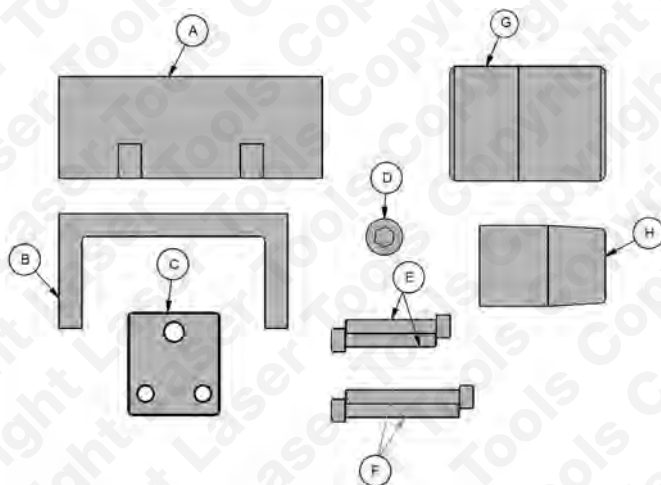
## Instructions



- Developed specifically for the 2.5 DOHC petrol engines used by Ford and Volvo.
- The kit contains all of the components to allow the camshafts to be held in the correct position whilst setting the tappets and for replacement of the front crankshaft oil seal.

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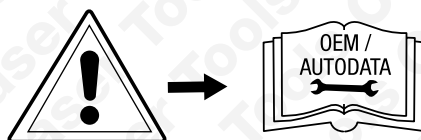
## Components



Ref.	Code	OEM Ref	Description
A	C781	303-1183, 999 5765	Camshaft Holding Bracket - Base
B			Camshaft Holding Bracket - Clamp
C			Camshaft Holding Bracket - Connecting piece
D			M10 x 15 screw (1) to connect A to C
E			M6 x 40 screw (2) to connect A to C
F			M7 x 50 screw (2) to connect A to cylinder head
G	C782	303-1180	Crankshaft Seal Fitting Drift
H			Crankshaft Seal Fitting Guide

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

The use of this 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.



# Applications

Make, Model, Year			Engine Codes	
<b>Ford</b>	Focus	2005 - 2011	<b>2,5 RS/ST</b>	<b>2,5</b>
	Galaxy	2006 - 2010	JZDA	HUBA
	Kuga	2009 - 2013		HUWA
	Mondeo	2007 - 2010		HYDA
	S-MAX	2006 - 2010		HYDB HYDC
<b>Volvo</b>	C30	2006 - 2013	<b>2,5 Turbo/ T5</b>	
	C70	2006 - 2013	B 5254 T2	
	S40	2003 - 2012	B 5254 T3	
	S60	2003 - 2016	B 5254 T4	
	S80	2003 - 2014	B 5254 T5	
	V40	2012 - 2015	B 5254 T6	
	V50	2004 - 2012	B 5254 T7	
	V60	2015 - 2016	B 5254 T8	
	V70	2002 - 2012	B 5254 T9	
	XC60	2014 - 2016	B 5254 T10	
	XC70	2002 - 2007	B 5254 T11	
			B 5254 T12	
	XC90	2002 - 2014	B 5254 T14	

Always refer to the website for most up to date applications: [www.lasertools.co.uk/product/6827](http://www.lasertools.co.uk/product/6827)

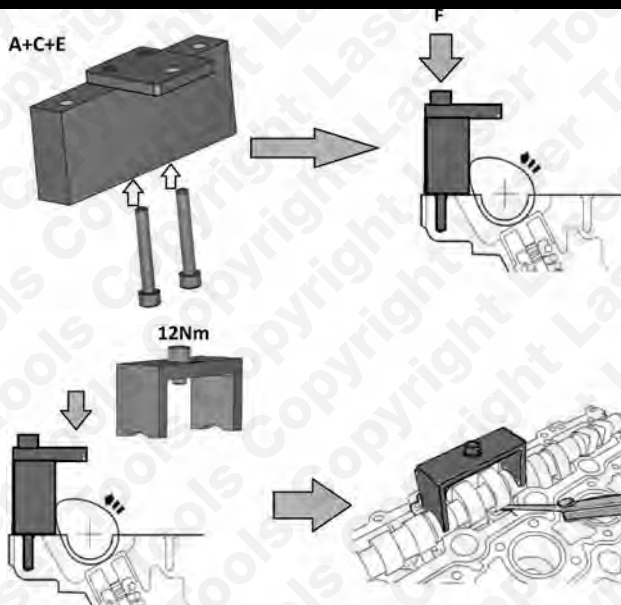
## Instructions

### Camshaft Holding Assembly (A, B, C, D, E, F)

Used to hold down the camshafts whilst checking the valve clearances.

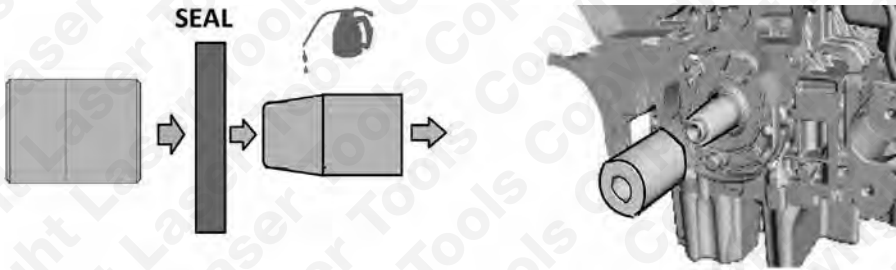
The camshaft holding assembly is designed to allow the camshafts to be held down allowing the tappet clearance to be checked and adjusted without fitting the camshaft cover.

Assemble the Camshaft Holding tool as shown. Using appropriately sized feeler gauges check the valve clearance as shown.



## Front Crankshaft Oil Seal Fitting Tools (G + H)

Place component seal guide (H) over the end of the crankshaft and lubricate with engine oil. Gently position the new seal onto the Seal guide (H) and slide the seal squarely along the guide until it is fitted on the crankshaft and into the engine block.



**Safety First. Be Protected.**

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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.



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