

Applications

Make	Model	Year	Type
BMW	1 Series	2004-2007	118d 120d 318d 318td 320d 320td Compact
	3 Series	1999-2013	520d 525d DTi
	5 Series	1998-2010	325d 335d 530d
	6 Series	2007-2011	Xd/xDrive 530d/Xd Xd/xDrive
	7 Series	1998-2008	535d 730d sd
	X3	2003-2010	xDrive 30d xDrive 35d D Turbo
	X5	2000-2010	xDrive30d xDrive35d 635d
	X6	2008-2010	
Opel/Vauxhall	Omega-B	2001-2003	CDT CDTi CDT 115 CDTi 135
Rover	75	1999-2005	
MG	ZT/ZT-T	2001-2005	

Engine Code	
2.0	20 4D 4, 20 4D 1, M47R
2.5	25 6D 1, 25 6D 2, 25 6D 2, 25 6D 2, Y25DT
3.0	30 6D 1, 30 6D 2, 30 6D 3, 30 6D 5, 30 6D 4, 30 6D 5/M57 YD30T2

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by Sonic for incorrect use of any of our products, and Sonic 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.



Instructions

Engine Timing Kit  
BMW Diesel M47 - 2.0



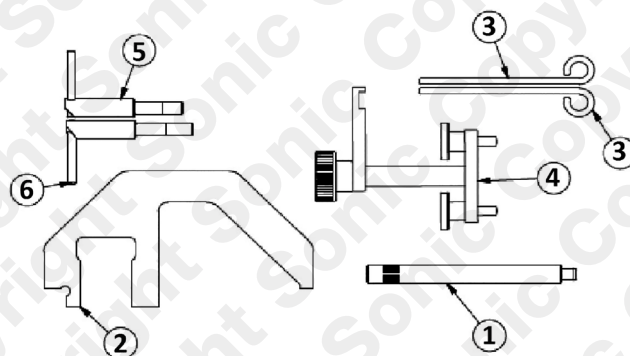
## 829027 - Engine Timing Kit

### Description:

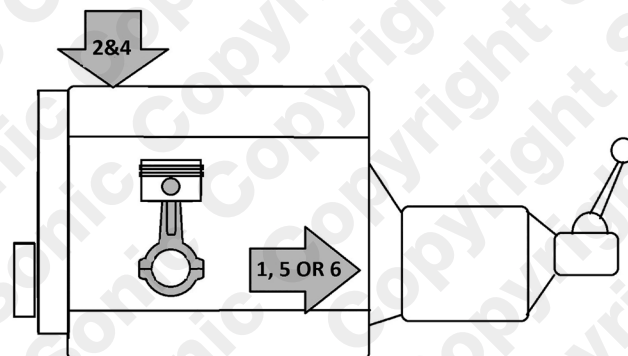
The 829027 has been developed to allow the engine timing to be set on the BMW M47 2.0L, 2.5L 4 cylinder diesel engines and the 3.0L 6 cylinder diesel engines found in BMW's, Rover 75 and Land Rover Freelander TD4 circa pre 2010.

### Components

Ref	Comp	OEM	Description
1	488	11-2-300, LRT-12-108, LRT-12-171	Crankshaft Timing Pin
2	488	11-6-320	Camshaft Setting Plate
3	488	11-3-340	4mm Tensioner Pins x2
4	488	11-6-322	Locking Clamp Assembly
5	488	11 5 180, LRT 12-227	Flywheel Locking Pin
6	488	11 6 080	Flywheel Locking Pin



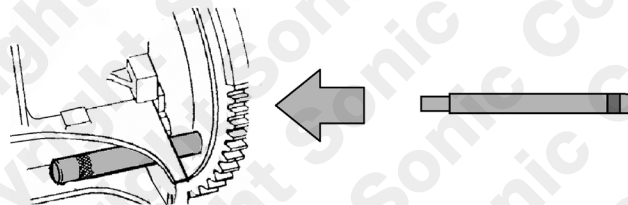
### Instructions



Component 1, 5 & 6 - Crankshaft Locking Pins

Component 1, 5 & 6 are used to lock the flywheel with the crankshaft at TDC number 1 cylinder.

NB: do not tighten or loosen fixings against component 1.

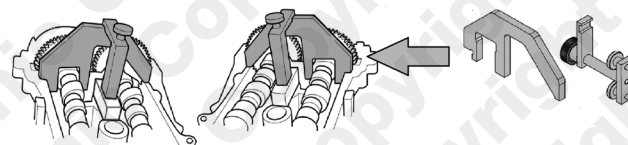


Component 2 & 4 - Camshaft Setting Plate Tool & Clamp

Component 2 & 4 are used to align the camshafts as shown with the engine set at TDC.

Component 4 is used to hold component 2 in place when timing adjustment is required.

Component 2 is use on both the inlet and exhaust cams in turn.



### Instructions

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 and Sonic cannot be held responsible for any damage caused what so ever.

