

## Applications

Make	Model	Year
Jeep	Grand Cherokee CRD	2011-2015
	Grand Cherokee Multijet	

Engine Code	
3.0	EXF VM23D, EXF VM44D

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.

# SONIC

equipment

## Instructions

### Engine Timing Kit Chrysler/Jeep Diesel CRD - 3,0

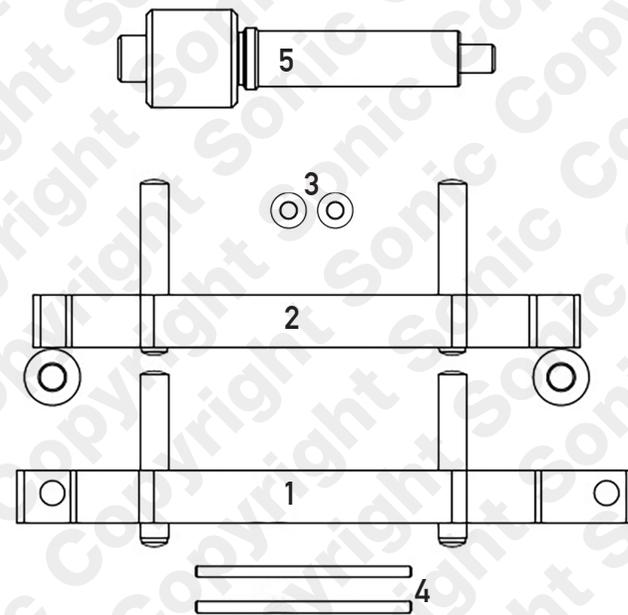


## 829085 - Engine Timing Kit

**Description:**  
The 829085 kit has been designed for the Jeep 3.0 lt V6 diesel engine found in the late model (2011 on) Jeep Grand Cherokee. The 829085 provides all the cam and crankshaft locking tools required for chain replacement.

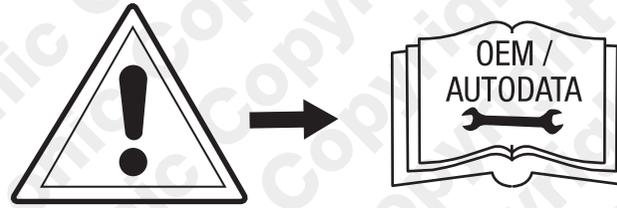
### Components

Ref	Comp	OEM	Description
1	4880311	VM10338-1	Camshaft Locking Tool R/H
2	4880310	VM10338-2	Camshaft Locking Tool L/H
3			Cap Head Screws
4	4880313	VM10359a	Tensioner Pins
5	4880312	VM10339	Crankshaft Setting Pin



## 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.



- Always refer to manufacturer specific data and instructions
- Engine timing is set at 30 degrees ATDC (After Top Dead Centre) with the crankshaft pulley marks in the 12 o'clock position.
- Check both sets of marks on both cam gears are aligned.

