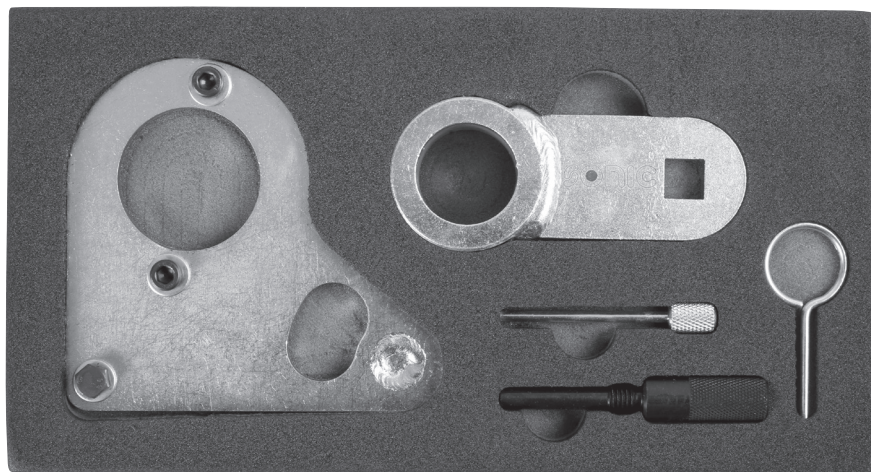




Diesel Timing Kit

1.6 R9M Renault | Nissan | Vauxhall
(Chain Drive)

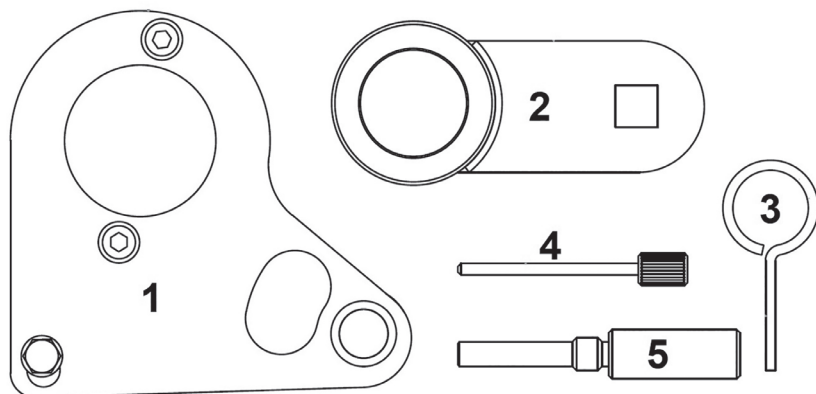


Description

829134 has been developed specifically for the 1.6 R9M diesel engines fitted across the Renault, Nissan, Vauxhall/Opel and Mercedes-Benz ranges as listed. The 829134 contains all the essential tools required to lock the engine in its “timed” position for safe removal and replacement of the camshaft drive chain.

- Applications: Renault, Nissan, Mercedes-Benz R9M 1.6 engines (Mercedes-Benz 626.952 and 622.951)
- Engine found in: Mercedes-Benz C Class, Vito, Renault Megane III, Scenic III, Trafic, Espace V, Nissan Qashqai, X-Trail and Vauxhall Vivaro-B
- Equivalent to OEM tool codes: MOT 1969 (626 589 04 40 00), MOT 1970 (626 589 00 15 00), MOT 1770 (626 589 02 40 00)
- Renault from 2012 on, Mercedes-Benz from 2014

Plan Layout



| Ref | Code | OEM | Description |
|-----|---------|--|---|
| 1 | 4880359 | 626 589 04 40 00, MOT 1969 | Camshaft Alignment Tool 1.6 R9M Engines |
| 2 | 4880118 | 626 589 02 40 00, MOT 1770, KM 959-1, EN-48334 | Crankshaft Pulley Holding Tool |
| 3 | 4880201 | | Chain Tensioner Pin |
| 4 | 4880121 | KM 6130 | Auxilliary Belt Tensioner Pin |
| 5 | 4880293 | 626 589 00 15 00, MOT 1970 | Crankshaft Locking Pin |



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

The use of these engine timing tools is purely down to the user's discretion and Sonic Equipment cannot be held responsible for any damage caused what so ever.

Applications

| Make | Model | Year | Type |
|---------------|-------------------------|-----------|----------------------|
| Mercedes-Benz | C-Class | 2014-2016 | C180 BlueTEC |
| | Vito | 2014-2016 | C200 BlueTEC |
| Vauxhall/Opel | Vivaro-B | 2014-2016 | CDTi CDTi BiTurbo |
| Renault | Scenic/Grand Scenic III | 2011-2016 | XMOD dCi dCi |
| | Megane III | 2012-2015 | |
| | Trafic III | 2014-2016 | |
| | Espace V | 2015-2016 | |
| Nissan | Qashqai/Qashqai+2 | 2011-2016 | |
| | X-Trail | 2014-2016 | |

| Engine Size | Engine Code |
|-------------|--|
| 1.6 | 626.951 (R9M), 622.951, 626.951, LWX/R9M 408, LWZ/R9M 408, LWU/R9M 450, LWY/R9M 450, R9M, R9M 410, R9M 402, R9M 404, R9M 408, R9M 450, R9M 409, R9M 452, R9M 413 |

Instructions

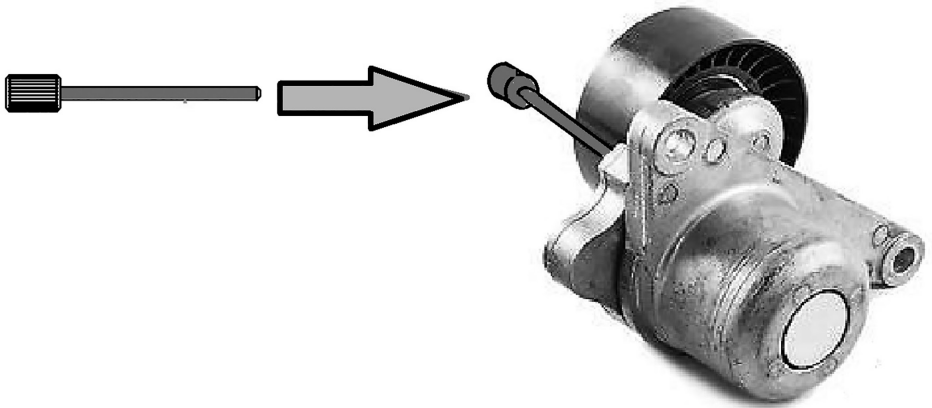
Crankshaft Pulley Holding Tool (2)

Used with a suitable 1/2"D ratchet or bar to hold the crank pulley still whilst loosening or tightening the pulley fixing.

Auxiliary Belt Tensioner Pin (4)

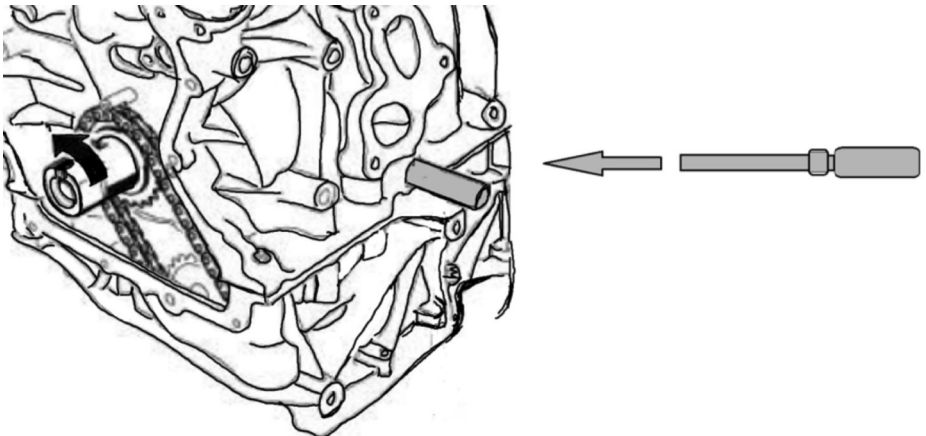
Use pin (4) to lock the auxiliary belt tensioner in its retracted position.

N.B. There are several designs of tensioner used dependent on the manufacturer, image shown for illustration purposes only.



Crankshaft Locking Pin (5)

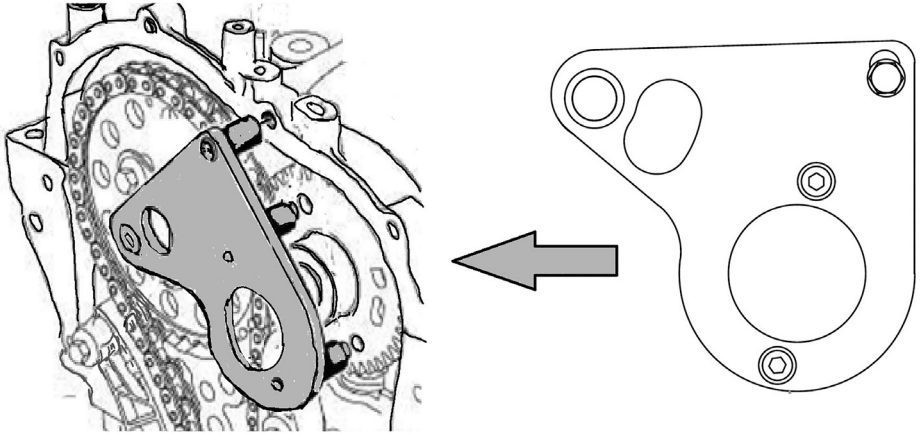
Use pin (5) to align the crankshaft.



Instructions

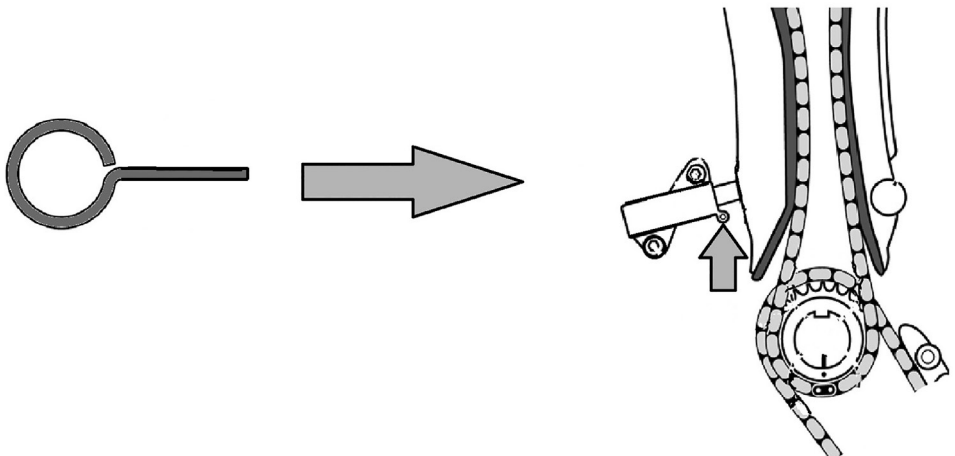
Camshaft Alignment Tool (1)

Use components (1) for the 1.6L R9M engines. Use to align the camshafts.



Chain Tensioner Pin (3)

Used to lock the cam chain tensioner in its retracted position.



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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.