

DRAPER[®]
Expert



APPLICATION GUIDE FOR: ENGINE **TIMING KIT**

18887



This document is part of the product, keep it for the life of the product passing it on to any subsequent holder of the product. Read all information before operating product.

This guide has been compiled by Draper Tools describing the purpose for which the product has been designed, and contains necessary information to ensure its correct and safe use. By following the information contained in this guide, it will ensure both product and operator safety, together with longer life of the product itself.

All photographs and drawings in this guide are supplied by Draper Tools to help illustrate the operation of the product.

Whilst every effort has been made to ensure the accuracy of information contained in this guide, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.

1. TITLE PAGE

1.1 INTRODUCTION:

USER GUIDE FOR: Engine Timing Kit

Stock No: 18887

Part No: ETK214

1.2 REVISIONS:

Date first published June 2018.

As our user manuals are continually updated, users should make sure that they use the very latest version.

Downloads are available from: <http://drapertools.com>

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1.3 UNDERSTANDING THIS GUIDES SAFETY CONTENT:

WARNING! – Information that draws attention to the risk of injury or death.

CAUTION! – Information that draws attention to the risk of damage to the product or surroundings.

1.4 COPYRIGHT © NOTICE:

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3. GUARANTEE

3.1 GUARANTEE

Draper tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, please return the complete tool to your nearest distributor or contact:

Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF. England.

Telephone Sales Desk: (023) 8049 4333 or:

Product Helpline (023) 8049 4344.

A proof of purchase must be provided.

If upon inspection it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This guarantee period covering parts/labour is 12 months from the date of purchase except where tools are hired out when the guarantee period is 90 days from the date of purchase. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper warranty repair agent.

Note: If the tool is found not to be within the terms of warranty, repairs and carriage charges will be quoted and made accordingly.

This guarantee applies in lieu of any other guarantee expressed or implied and variations of its terms are not authorised.

Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the guarantee period.

Please note that this guarantee is an additional benefit and does not affect your statutory rights.

Draper Tools Limited.

4. GENERAL PRODUCT INFORMATION

This product is designed to be used correctly and with care for the purpose for which it is intended. No liability is accepted by Draper Tools Limited for incorrect use or application of any of our products, and Draper Tools Limited cannot be held responsible for any damage to personnel, property or equipment when using this product. Incorrect use will also invalidate any warranty.

The applications database and any instructional information provided has been designed to offer general guidance for a particular product'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 product and information prior to use.

5. HEALTH AND SAFETY INFORMATION

GENERAL SAFETY INSTRUCTIONS

Warning: Please read all safety warnings and all details carefully. Failure to follow the warnings may result in serious injury or major component damage.

Important: Draper Tools recommends that this product should not be modified or used for any application other than that for which it was designed.

Save all warnings and instructions for future reference.

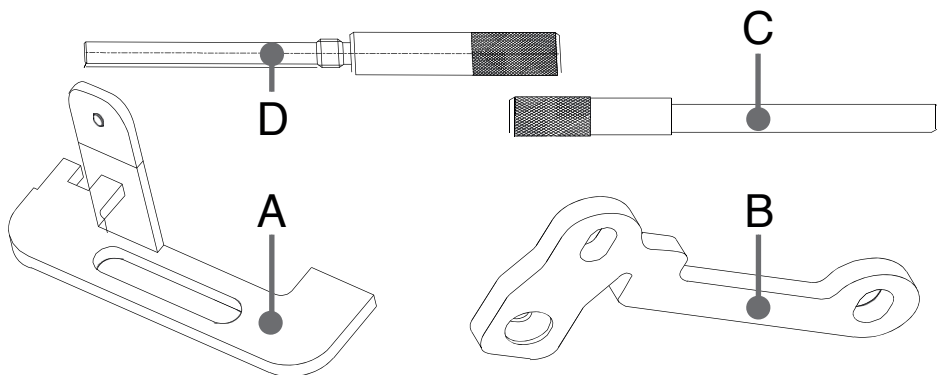
1) Personal safety

- a) Stay alert, watch what you are doing and use common sense when using this product. Do not use this product while you are tired or under the influence of drugs, alcohol or any medication. A moment of inattention while using this product may result in serious personal injury.
- b) Use personal protective equipment as necessary.
- c) Check and remove any part of the product before turning/testing the engine. A part left attached to a rotating part of the engine may result in personal injury or major component damage.
- d) Carefully clean the tool components after every use.
- f) Keep the tool components safe and tidy.
- g) Do not use this product for any purpose other than for which it is designed.

Warning! Some of the packaging materials used may be harmful to children. Do not leave any of these materials in the reach of children.

If any of the packaging is to be thrown away, make sure it is disposed of correctly; according to local regulations.

6. CONTENTS



ITEM	DESCRIPTION	OEM	STOCK No
A	Camshaft Setting Plate	Mot.1496	34563
B	Setting Plate Bracket	Mot.1750	34565
C	TDC Setting Pin	Mot.1489	34580
D	Crankshaft Locking Pin	Mot.1054	34591

7. APPLICATION

The **18887** has been developed as an **engine timing kit** for the vehicles listed below. Kit comprises of a camshaft setting plate, which allows the camshaft to be locked in the 'timed' position, and the locking pins for the crankshaft.

Used on the following Vehicles:

Renault Clio 1998 - 2013
Renault Espace/Grand Espace 1998 - 2010
Renault Fluence 2009 - 2016
Renault Kangoo 2001 - 2013
Renault Laguna 1998 - 2013
Renault Logan 2005 - 2011
Renault Megane 1999 - 2017
Renault Modus/Grand Modus 2004 - 2013
Renault Scenic 1999 - 2015
Renault Symbol 2008 - 2013
Renault Thalia 2001 - 2013
Renault Trafic II 2001 - 2011
Renault Twingo II 2008 - 2014
Renault Vel Satis 2000 - 2010
Renault Wind 2010 - 2014
Nissan Primastar 2002 - 2011
Dacia Duster 2010 - 2015
Dacia Logan 2005 - 2015
Dacia Sandero 2008 - 2013

Engine Codes:

1.4cc

K4J, K4J 700, K4J 710/711, K4J 712, K4J 713, K4J 714, K4J 715, K4J 730, K4J 732, K4J 740, K4J 750, K4J 770, K4J 780

1.6cc

K4M 606, K4M 616, K4M 642, K4M 646, K4M 690, K4M 696, K4M 697, K4M 700, K4M 701, K4M 704, K4M 706, K4M 708, K4M 709, K4M 710/711, K4M 714, K4M 716, K4M 718, K4M 720/4, K4M 730, K4M 732, K4M 734, K4M 736, K4M 740, K4M 742, K4M 743, K4M 744, K4M 744/745, K4M 745, K4M 746, K4M 748, K4M 750, K4M 752, K4M 753, K4M 754, K4M 760, K4M 760/761, K4M 761, K4M 762, K4M 764, K4M 766, K4M 768, K4M 776, K4M 788, K4M 790, K4M 791, K4M 792, K4M 794, K4M 800, K4M 801, K4M 802, K4M 804, K4M 812/813, K4M 830, K4M 831, K4M 834, K4M 835, K4M 836, K4M 838, K4M 839, K4M 842, K4M 846, K4M 848, K4M 854, K4M 856, K4M 858, K4M 864, K4M 866, K4M 896

1.8cc

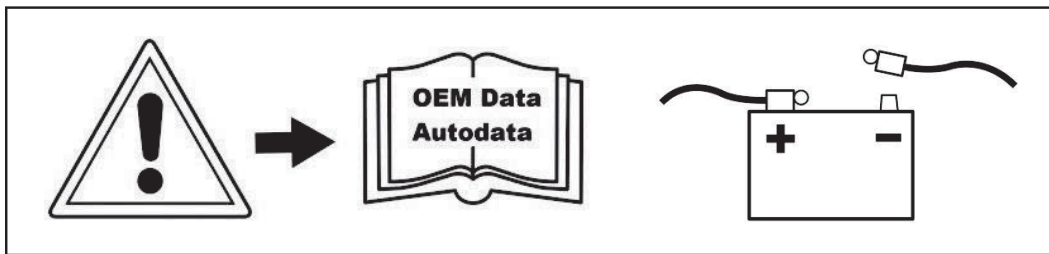
F4P 720, F4P 760, F4P 770/771, F4P 772, F4P 773, F4P 774, F4P 775

2.0cc

F4R 700/701, F4R 712, F4R 713, F4R 714, F4R 715, F4R 720/722, F4R 730, F4R 732, F4R 736, F4R 738, F4R 740, F4R 740/741, F4R 741, F4R 744, F4R 746, F4R 746/747, F4R 770/771, F4R 780, F4R 790, F4R 791, F4R 792, F4R 820, F4R 830, F4R 832, F4Rt 762/763, F4Rt 764/765, F4Rt 766, F4Rt 767, F4Rt 774, F4Rt 776, F4Rt 784, F4Rt 786, F4Rt 787, F4Rt 794/795, F4Rt 796/797, F4Rt 800, F4Rt 802, F4Rt 810, F4Rt 811, F4Rt 813, F4Rt 820, F4Rt 867, F4Rt 870, F4Rt 872, F4Rt 874, F4Rt 886, F4Rt 887, F4Rt 896/897

8. PREPARATION

The following is for guidance only. Please refer to OEM derived data such as the vehicle manufacturer's own data or Autodata. The use of this product is purely down to the user's discretion and Draper Tools Limited cannot be held responsible for any damage caused what so ever.



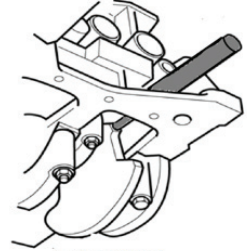
9. PROCEDURE AND APPLICATION GUIDE

Depending on manufacture and model, some engine components do change. Please check with Autodata or the manufacturer's data before use.

1.4/1.6 ENGINES

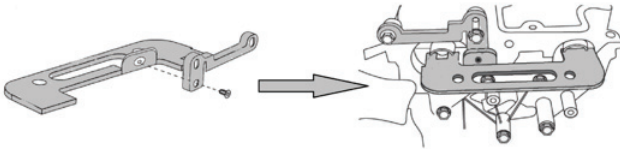
Crankshaft Locking PIN (1)

Use component 1 to set the alignment of the crankshaft on 1.4L & 1.6L engines.



Camshaft Setting Plate & Bracket (3 & 4)

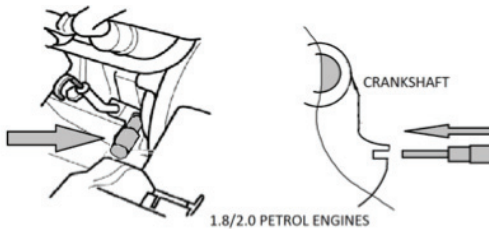
Use components 3 & 4 to set the alignment of the camshaft as shown.



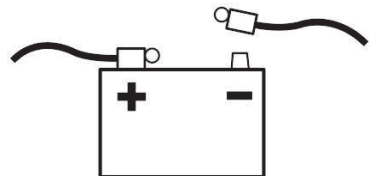
1.8/2.0 ENGINES

Crankshaft locking PIN (2)

Use component 2 to set the alignment of the crankshaft on the 1.8L & 2.0L engines. Ensure the pin engages in to the slot in the crankshaft counter weight.



Please note images are for guidance only and subject to change.



10. EXPLANATION OF SYMBOLS

10.1 EXPLANATION OF SYMBOLS



Read the guide.



Refer to website.

CONTACTS

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Sales Desk: (023) 8049 4333

Internet: drapertools.com

E-mail: sales@drapertools.com

General Enquiries: (023) 8026 6355

Service/Warranty Repair Agent:

For aftersales servicing or warranty repairs, please contact the
Draper Tools Helpline for details of an agent in your local area.

YOUR DRAPER STOCKIST

CMDB0618

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