

# Technical Bulletin

Technical Helpline: +44(0)1622 833004 Fax: +44(0)1622 834004

## Important Information When Fitting ADK873500 Timing Chain Kit

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When installing ADK873500 Timing Chain Kit it is strongly recommended that you use an engine timing tool kit and camshaft holding tool. Blue Print Solutions now offer both of these tools to assist you in fitting ADK873500 correctly.

### Timing and Engine Locking Kit

Part Number  
ADK85501



### Camshaft Holding Tool

Part number  
ADG05508



### Important

The camshaft alignment tool is used to locate the camshafts in the Top Dead Centre (TDC) position only.

**Do not attempt to loosen or tighten the camshaft sprocket bolt using the camshaft alignment tools in ADK85501. Doing so could result in damage to the camshaft or the engine being incorrectly timed.**

We recommend that a camshaft sprocket holding tool (ADG05508) is used when applying any torque to either loosen or tighten the camshaft sprocket bolt.

### Crankshaft Sprocket Bolt (Left-hand threaded bolt)

The crankshaft sprocket bolt is now included in the Timing Chain Kit ADK873500. This bolt is a torque "stretch" bolt and should be replaced along with the rest of the timing chain kit.

**Note:** Failure to remove the crankshaft bolt in the correct direction could result in damage to the tools themselves and/or damage to the threads in the crankshaft as this bolt has a **left hand thread**.

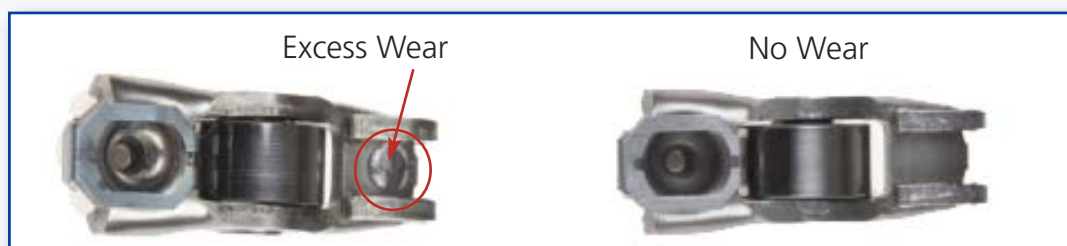
\*\*Please see Manufacturer's specifications for tightening correct torque settings\*\*



### Rocker Arms

From our investigations we have found that excess wear on the rocker arms on the 1.3 JTD engine will contribute to premature wear on the timing chain components, resulting in engine damage. Therefore, we recommend that all of the rocker arms are inspected when replacing this kit. If wear is found on any of the rocker arms then it is critical that they are replaced.

Below is an example of a rocker arm that has excess wear and one with no wear.



Replacement rocker arms are available from Blue Print - Part Number - **ADK86103**.

**Disclaimer:** Any technical tips are produced in good faith. Blue Print always recommends that vehicle maintenance and diagnostics are only carried out by suitably experienced people using appropriate tools in a safe manner within a workshop environment. Blue Print and its customers cannot be held responsible for the correctness of, or misinterpretation of the above technical tips. Images shown are for illustrative purposes only and may not be representative of the products or vehicles described.

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