



## ENGINE TIMING KIT FOR VOLVO 2.0L DIESEL

**CT5727**

### CONTENTS

#### **A Crankshaft Pulley Holding**

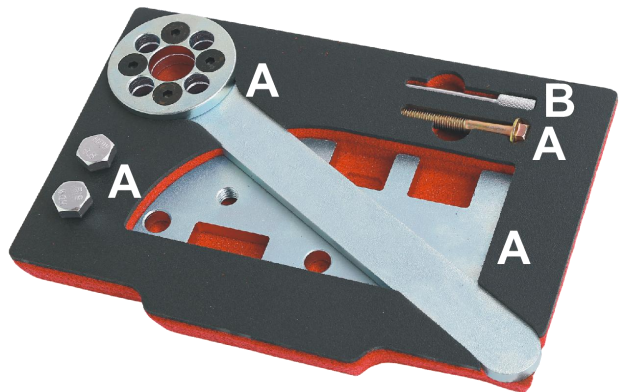
##### **Tool Components**

OEM 999 7495

#### **B High-Pressure Fuel Pump**

##### **Sprocket Locking Tool**

OEM 999 7233



### GENERAL

This engine timing kit provides the tools to lock and hold the crankshaft and high pressure fuel pump on the current range of Volvo 2.0L diesel engines in the method specified by the manufacturer.

Applications: Volvo S60 (2013 - 2018), S80 (2013 - 2016), S90 (from 2016), V40 (2014 - 2019), V60 (2013 - 2018), V70 (2013 - 2016), V90 (from 2016), XC40 (from 2017), XC60 (from 2013), XC70 (2013 - 2016), XC90 (from 2014).

Engine: 2.0L diesel D4204T codes.

OEM No: 999 7495, 999 7233.

Includes Crankshaft and HP pump timing tools.

## SAFETY INSTRUCTIONS

- **WARNING!** Ensure all Health and Safety, local authority, and general workshop practice regulations are strictly adhered to when using tools.
  - **DO NOT** use tools if damaged or worn.
  - Maintain the tools in good and clean condition for best and safest performance.
  - Ensure all threads are clean and well lubricated.
  - If the engine has been identified as an Interference engine, damage to the engine will occur if the timing belt has been damaged. A compression check of all the cylinders should be taken before the cylinder head (s) are removed.
  - Do not turn crankshaft or camshaft when the timing belt/chain has been removed.
  - To make turning the engine easier, remove the spark plugs/glow plugs or injectors.
  - Observe all tightening torques.
  - Do not turn the engine using the camshaft or any other sprocket.
  - Disconnect the battery earth lead (check Radio code is available).
  - Do not use cleaning fluids on belts,sprockets or rollers.
  - Some toothed timing belts are not interchangeable. Check the replacement belt has the correct tooth profile.
  - Always mark the belt with the direction of running before removal.
  - Do not lever or force the belt onto its sprockets.
  - Do not use timing pins to lock the engine when slackening or tightening the crankshaft pulley bolts.
  - Wear suitable clothing to avoid snagging. **DO NOT** wear jewellery. Tie back long hair.
  - Wear approved eye protection. A full range of personal safety equipment is available from your dealer.
  - Account for all tools and parts being used and do not leave them in or on the vehicle. Store all parts in the case provided when not in use, store case in a safe, dry and child-proof location.
- IMPORTANT:** *Always refer to the vehicle manufacturer's service instructions, or proprietary manual, to establish the correct procedure and data. These instructions for use are provided as a guide only.*

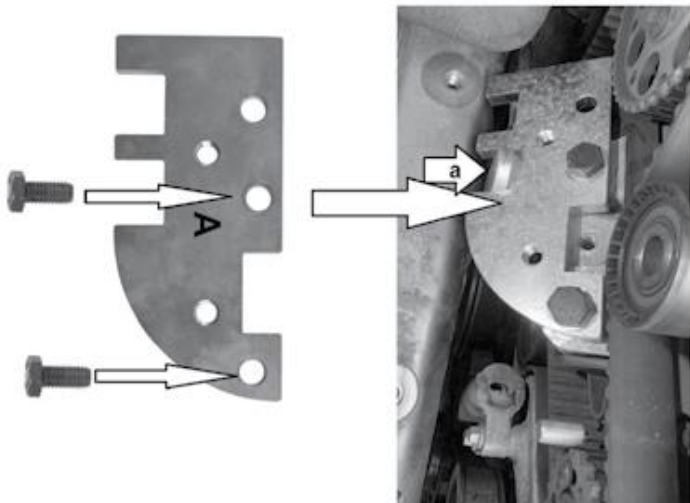
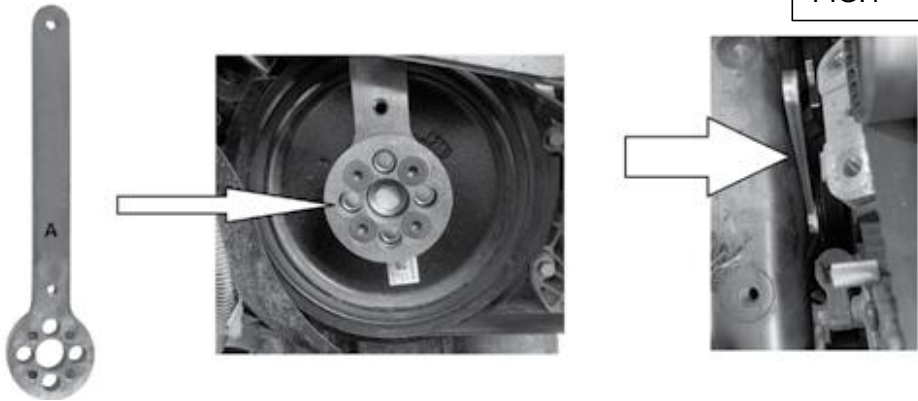
# INSTRUCTIONS

1. The crankshaft holding tool (A) is assembled from 2 major components. A lever and a holding bracket. It is required to hold the crankshaft while the pulley bolt is being loosened or tightened.

Fit as shown in fig. 1 and 2.

Once (A) is fitted and tightened the crankshaft pulley bolt can be removed allowing the pulley and lower cover to be removed.

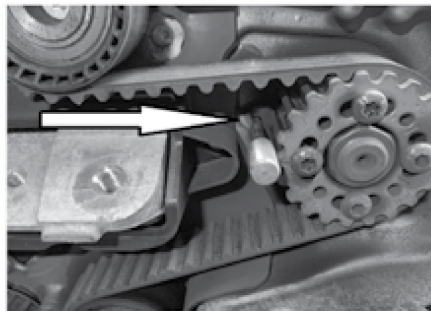
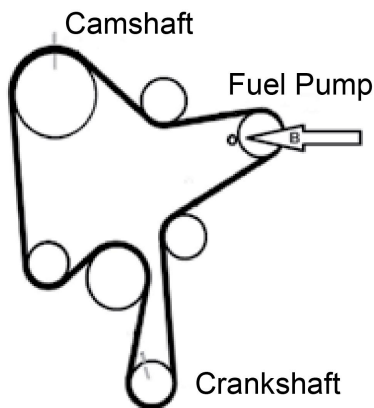
FIG.1



2. Once the pulley is removed align the timing marks as shown in fig. 3 and fit the fuel pump locking tool (B).

NOTE: Remove and fit the camshaft drive belt in accordance with manufacturer's instructions.

FIG.3



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