

Engine Service Tool Kit BMW Mini Cooper R50/R53



Component Code	Layout ID	OEM Ref	Description
23131	A	11 8 410	Serpentine Belt Tensioning Tool
23132	B	11 8 390	Camshaft Pulley Wrench (Cooper R50/R53)
23133	C		Belt Tensioning Pin 4mm
23134	D		Camshaft Pulley Locking Pin 4.5mm
23152	E		Supercharger Pulley Extractor

Description

This set of tools enables the simple removal and replacement of the Serpentine Belt when servicing the chain driven engine.

Packaging

Metal Tin/Label

Section Within Catalogue

BMW

Page Number in Catalogue

20

Additional Information



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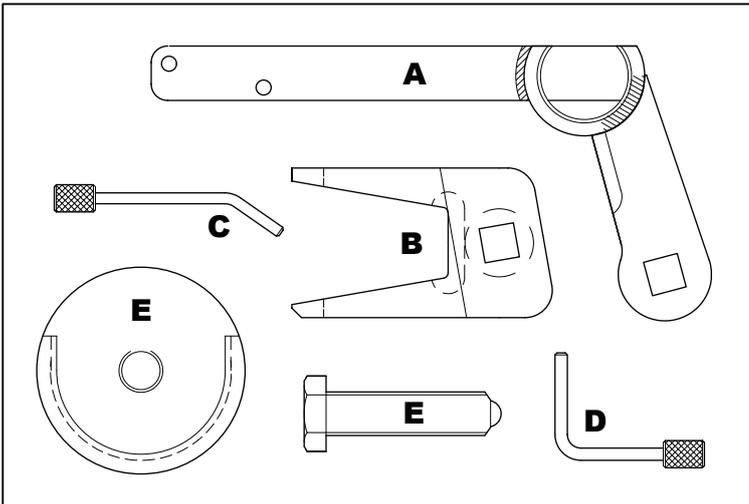
Introduction

23182 Engine Service Tool Kit

BMW Mini Cooper R50/R53

This set of tools enables the simple removal and replacement of the Serpentine Belt when servicing the chain driven engine.

Kit Overview | Application Overview



BMW Mini One/Cooper/Cooper S 1.6 Petrol driven with W10B16AA, W10B16BA and W11B16AA engines

Instructions for use – Always refer to the vehicle manufacturer’s service manual or a suitable proprietary instruction book.

Warning – Incorrect or out of phase engine timing can result in damage to the valves. It is always recommended to turn the engine slowly, by hand, and to re-check the camshaft and crankshaft timing positions.

Component Codes

Component Code	Layout ID	OEM Ref	Description
A	11 8 410	Serpentine Belt Tensioner	23131
B	11 8 390	Camshaft Pulley Loosening Tools (Cooper R50/R53)	23132
C		Tensioner Locking Pin	23133
D		Locking Pin	23134
E		Supercharger Pulley Remover	23152

Instructions

General instructions Camshaft Pulley Tools (B&D)

1. Loosen the Camshaft pulley with Pulley Wrench and 1/2" D extension bar and lock the Camshaft pulley tensioner in position using the 4.5mm Locking Pin.
2. Remove the parts under the oil pan and the pulley.

Serpentine Belt Tensioning Tool (A&C) Engines R50/R53

This tool is used to hold the tension on the Serpentine belt and the belt tensioner pin (4mm)

is inserted to hold the tension so that the belt can be removed.

Supercharger Pulley Extractor (E) Engines R50/R53

This tool has been suggested by one of our customers who found it essential for removing the Supercharger on Cooper S models before working on the Serpentine belt.