



# PRODUCT SHEET

ARTICLE NUMBER: **GAT5045**

DESCRIPTION: **1.8L to 2.0L Petrol Chain Twin Camshaft Engine Overhaul Tool Kit**

## INTRODUCTION

**GAT5045** engine chain overhaul timing tool kit is used on 1.8L & 2.0L 4-cylinder twin camshaft chain driven petrol engines fitted in models across the BMW range.

This tool kit contains the essential tools required for the safe and accurate removal and installation of the timing chain drive. Included are tools for crankshaft counter-holding, balancer shaft alignment and chain tensioner locking to prevent engine damage and ensure precise reassembly.

When performing timing chain overhaul on BMW N42/N46 engines, **GAT5045** must be used in combination with the **GAT4800** engine setting and locking tool kit.

The universal handle **GAT4939** can be installed on the crankshaft hub holding tool **GAT5018** (included in **GAT5045** tool kit) and secured with a retaining screw for easy use and long reach access. **GAT5018** ensures a proper method of counter-holding the crankshaft hub for removal and reinstalling of the central bolt.

## CONTENT

CONTENT	ITEM	ARTICLE NUMBER	DESCRIPTION	OE REFERENCE
1	7468-11420	GAT5016	Balancer Shaft Alignment Tool	11 9 330
2	7468-11421	GAT5017	Balancer Shaft Alignment Tool	11 5 140
3	7468-11319	GAT5018	Crankshaft Hub Holding Tool	11 9 280
4	7468-11422	GAT5019	Crankshaft Gear Holding Tool Support	11 4 360
5	7468-11349	GAT4413	Tensioner Retaining Pin	11 3 340 / 12-172 / LRT-12-172 / KM-823 / 303-970

## APPLICATION INFO

Please check Navigates for the most up to date application data.

BMW: 1.8L & 2.0L, N42/N46 engines



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## KIT CONTENT IMAGE





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## Associated Tools



7468-11414 – GAT4800 – Engine Setting and Locking Tool Kit



7468-11253 – GAT4939 – Universal Handle for Crankshaft Pulley Holding Tool



7468-11319 – GAT5018 – Crankshaft Hub Holding Tool