



PRODUCT SHEET

ARTICLE NUMBER: **GAT4800**

DESCRIPTION: **1.8L & 2.0L Petrol Chain Twin Camshaft Engine Setting and Locking Tool Kit**

INTRODUCTION

GAT4800 engine setting and locking 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 all the tools required for accurately setting and locking the engine timing including VANOS (Variable Valve Timing System) and camshaft alignment on these twin camshaft engines.

When performing engine timing component removal and correct installation use associated tool kit **GAT5045** in combination with **GAT4800**. **GAT5045** provides essential tools for crankshaft counter-holding, balancer shaft alignment and chain tensioner locking to prevent engine damage and ensure precise reassembly.

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.

IMPORTANT: The flywheel locking tool must not be used to counter-hold when releasing or tightening the bolts of the VANOS units on the intake and exhaust camshaft.

CONTENT

CONTENT	ITEM	ARTICLE NUMBER	DESCRIPTION	OE REFERENCE
1	7468-11426	GAT4801	Flywheel Locking Pin	11 5 120
2	7468-11427	GAT4802	Camshaft Turning Tool	11 9 270
3	7468-11368	GAT4803	Timing Chain Tensioner Pre-load Tool	11 9 340 / 11 9 341 / 11 9 342
4	7468-11428	GAT4804	VANOS Alignment Plate	11 9 350
5	7468-11429	GAT4805-1	Camshaft Setting Plate (Intake)	11 9 292
6	7468-11430	GAT4805-2	Camshaft Setting Plate (Exhaust)	11 9 291
7	7468-11431	GAT4805-3	Camshaft Setting Plate Securing Screws	11 9 293



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Associated Tools



7468-11415 – GAT5045 – Engine Chain Overhaul Timing Tool Kit



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



7468-11319 – GAT5018 – Crankshaft Hub Holding Tool