



PRODUCT SHEET

ARTICLE NUMBER: GAT5090

DESCRIPTION: 1.0L to 1.4L Petrol Chain Twin Camshaft Engine Setting and Locking Tool Kit

INTRODUCTION

GAT5090 engine setting and locking timing tool kit is used for the 1.0L, 1.2L & 1.4L twin camshaft chain driven petrol engines on various Chevrolet, Opel and Vauxhall models that were introduced in 2009.

The tools included in **GAT5090** are designed to lock the camshaft and crankshaft in position to allow the removal and replacement of the timing chain fitted on these twin camshaft engines.

The camshaft setting plate sets the twin camshaft in their correct position and is inserted in the slots at the rear of the camshaft. A locking pin ensures the crankshaft is locked and the tensioner retainer pin can be used to fully retract the chain tensioner and hold it in the retracted position. The sprocket holding tool can be installed to the cylinder head after the chain guide has been removed and install, according to the engine type, the appropriate sensor setting tool on the inlet camshaft sprocket.

CONTENT

CONTENT	ITEM	ARTICLE NUMBER	DESCRIPTION	OE REFERENCE
1	7468-11340	GAT4487	Crankshaft Locking Pin	09912-38310 / KM-952 / EN-952
2	7468-11343	GAT5091	Camshaft Setting Plate	KM-953-A / EN-953-A
3	7468-11344	GAT5092	VVT Sensor Setting Tool (1.0L)	EN-49978
4	7468-11345	GAT5093	VVT Sensor Setting Tool (1.2L & 1.4L)	EN-49977-100
5	7468-11346	GAT5094	Camshaft Sprocket Holding Tool	EN-49977-200
6	7468-11342	GAT4489	Chain Tensioner Retaining Pin	09919-58320 / KM-955-1 / EN-955-1 / KM-6130 / EN-955-20-A



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APPLICATION INFO

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

BRAND	MODEL			
CADILLAC	ELR			
CHEVROLET	Aveo	Cruze	Orlando	Sonic
	Tracker	Trax	Volt	
OPEL/VAUXHALL	Adam	Ampera	Astra	Astra GTC
	Cascada	Corsa	Corsa Van	Insignia
	Insignia Sports Tourer	Meriva	Mokka	Mokka X
	Zafira Tourer			

ENGINE CODES				
1.0	A10XEP			
1.2	A12XEL	A12XER	B12XEL	D12XEL
	LWD			
1.4	A14NEL	A14NET	A14XER	A14XFL
	B14NEH	B14NEJ	B14NEL	B14NET
	B14XEJ	B14XEL	B14XER	D14NEH
	D14NEJ	D14NET	D14XEJ	D14XEL
	D14XER	LDD	LUJ	LUU
	LUV	U14NFT		



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KIT CONTENT IMAGE





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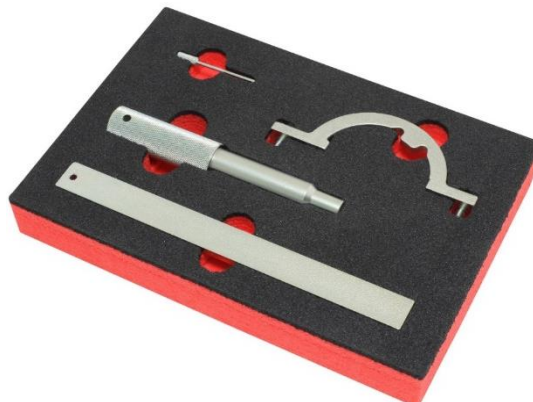
Associated Tools



7468-10065 – GAT4741 – Front End Support Set



7468-11329 – GAT5210 – Engine Setting and Locking Tool Kit



7468-11312 – GAT4485 – Engine Setting and Locking Tool Kit