



# PRODUCT SHEET

**ARTICLE NUMBER: GAT5255**

**DESCRIPTION: 1.2L EB2 PureTech Petrol Engine Timing Check Kit**

## INTRODUCTION

**GAT5255** timing checking tool kit is used on 1.2L 3-cylinder Euro 6 PureTech EB2 Belt-In-Oil petrol engines fitted in models across the Citroën-Peugeot range as well as shared platform models in the DS, Fiat, Opel, Toyota and Vauxhall ranges.

The PSA Group EB2 PureTech engine installed in a range of Citroen, DS, Peugeot, Opel and Vauxhall models has undergone a re-design from 2018 to facilitate a HP GDI fuel system (Euro 6). Although this resulted in some architectural differences, it still utilises a timing belt running in an oil mist design, known as Belt-In-Oil. There is a known concern that the Belt-In-Oil may exhibit swelling or bloating and / or deterioration from abrasion before the service / replacement interval is due.

**GAT5255** kit will enable physical checking of the Belt-In-Oil width for signs of swelling and the locking tools will enable a check to confirm if the belt has jumped as a direct result of deteriorated teeth by confirming the crankshaft, inlet and exhaust camshafts are still correctly timed. The belt width should be checked in line with manufacturers recommended intervals.

**IMPORTANT:** A visual inspection of the belt through the oil filler cap opening should be carried out to check the timing belt for signs of frayed edges, cracking of the belt structure, missing material and any other signs of wear.

If the timing belt requires replacement, further component removal will be necessary, e.g.: GDI fuel pump, HP pipe and fuel rail, cylinder head lower cover, camshaft dephasers and pulleys, front crankshaft pulley etc., the engine setting and locking tool kit **GAT5148A** must be used for belt replacement, camshaft, valve and cylinder head service work.

Check our associated engine tools for any other required general engine work (timing belt replacement, crankshaft seal installer, camshaft locking, balance shaft alignment ....) on these types of engines.

## CONTENT

CONTENT	ITEM	ARTICLE NUMBER	DESCRIPTION	OE REFERENCE
1	7468-11262	GAT5249	Timing Belt Test Gauge	G-0109-6
2	7468-11284	GAT5256	Camshaft Timing Locking Tools	0109-2C / 0109-2D
3	7468-11266	GAT5021	Crankshaft Locking Pin	0109-2B / 0197-N / EN-52127-2



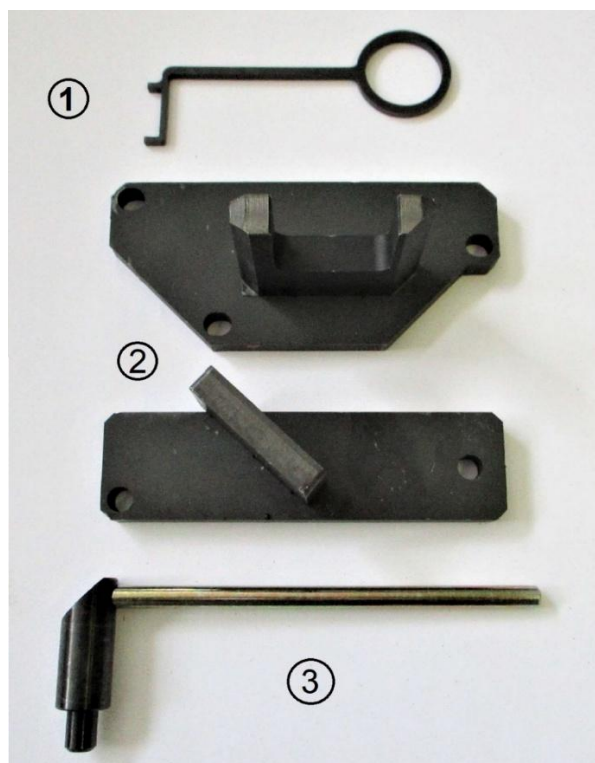
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## APPLICATION INFO

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

1.2L EB2 GDI Belt-In-Oil petrol engines mainly fitted in Citroën, DS, Peugeot, Opel and Vauxhall.

## KIT CONTENT IMAGE





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## Associated Tools



7468-12001 – GAT5148A – Engine Setting and Locking Tool Kit



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



7468-11308 – GAT5299 – Camshaft Locking Tool



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7468-11290 – GAT5257 – Crankshaft Seal Installer



7468-11310 – GAT5295 – Balance Shaft Setting Tool



7468-11400 – GAT5259 – Camshaft Sprocket Holding Tool