

Bulletin	UK	Export	Issued
1335	Yes	Yes	01/03/2016

Vapormatic Short Motor Adaptation Information & Fitting Kit ([VPB8552](#)) (Ford 4 Cylinder BSD Series Engines)



Many versions of the Ford 4 Cylinder BSD series engine are in use. This bulletin helps to identify the different engine versions and the components required when installing a Vapormatic Short Motor ([VPB8026](#) & [VPB8025](#)).

Firstly, it is important to accurately identify the version of engine you have; please see below an 'Engine Version Identification table' of the different versions.

After identifying which engine version your machine currently uses, please use the table on page 2 for information on the parts that you will need to complete the fitment of a Vapormatic Short Motor to your application.

Please also note that Vapormatic is now offering a fitting kit ([VPB8552](#)), shown in the table, that could prove the most cost effective way of completing the Vapormatic Short Motor installation.

Engine Version Identification table:

 Smooth block	 Cross-hatch block
Version 1: Plain block, with no cross hatch <i>Example model: Ford 5000 up to 7600</i>	Version 4: Cross hatched block from 01/12/1986 and up to 31/07/1987 With 1/2" UNC cylinder head bolts and With separate rear oil seal main housing <i>Example model: Ford 6610</i>
Version 2: Cross hatched block up to 31/07/1986 With 78 tooth 12mm balancer gear on crankshaft <i>Example model: Ford 6600</i>	Version 5: Cross hatched block from 01/08/1987 and up to 31/03/1993 With 9/16" UNC cylinder head bolts <i>Example model: Ford 6810</i>
Version 3: Cross hatched block from 01/08/1986 and up to 30/11/1986 With 1/2" UNC cylinder head bolts Without separate rear oil seal main housing With 76 tooth 15.4mm balancer gear on crankshaft <i>Example model: Ford 6610</i>	Version 6: Cross hatched block from 01/04/1994 With non-keyed crankshaft gear <i>Example model: Ford all models that have had an OE replacement engine</i>

Components required for fitment table:

Description	Part no	Version 1	Version 2	Version 3	Version 4	Version 5 (none)	Version 6	VPB8552 (Fitting Kit)
Cylinder head bolt kit	VPA3924	●	●	●	●			
Timing cover bolt kit	VPA5083	●	●	●				
Idler timing hub	VPA5081	●	●	●				✓
Idler timing hub bolt	VPA5080	●	●	●				✓
Camshaft plate	VPA5101	●	●	●				✓
Camshaft plate bolt	VLG1762	●	●	●				✓
Rear main oil seal housing	VPC5440	●	●	●			●	✓
Rear main oil seal housing bolt	VLG1737	●	●	●				✓
Crankshaft gear	VPA5098	●					●	✓
Crankshaft key	VPC5145	●					●	✓
Crankshaft spacer	VPC4112	●					●	✓
Crankshaft oil thrower	VPA5102	●					●	✓
Balancer gear–RH, 15.4mm wide	VPD1614	●	●					
Balancer gear–LH, 15.4mm wide	VPD1615	●	●					

All Vapormatic quality replacement parts carry an industry leading **12 month parts and labour warranty**.
For further information on specific items please visit:

www.vapormatic.com

Vapormatic Short Motor Fitting Kit (part no. [VPB8552](#)) - Ford 4 Cylinder BSD Series

In support of the highly successful replacement Ford 4 cylinder short motor, Vapormatic is pleased to announce the introduction of a cost effective single part number fitting kit - VPB8552.

This kit includes the items listed under VPB8552 in the table above. It may be more cost effective to purchase this kit dependent upon the parts you require.



All Vapormatic quality parts carry an industry leading **12 month parts and labour warranty**. For further information on specific items and to see the full range please visit www.vapormatic.com

