



New Product Update & Parts Information

VAPORMATIC

4 Cylinder Perkins Short Motors

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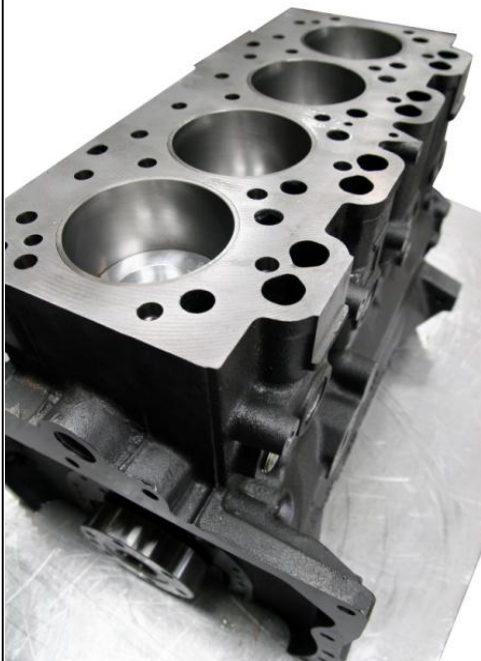
Bulletin	UK	Export	Vap	Issued
1185	YES	YES	YES	4 th October 2010

Following the success of the Vapormatic replacement Short Motors for Ford and Perkins 3 cylinder engines, the new **Perkins 4 cylinder Short Motor** has been introduced.

Assembled in the UK by fully trained technicians, these high quality Short Motors use only tried and tested Vapormatic parts and each one comes with a full 12 months parts and labour warranty.

Save down time, hassle and money; each Short Motor comes complete with pistons, rings, liners, crankshaft and camshaft; all fully assembled and checked at Vapormatic's dedicated workshop.

Perkins A4.236 – Part No. VPB8029



Specifications:

Bore:	98mm
Stroke:	127mm
Cylinders:	4
Turbo:	No
Rear seal:	Lip
Balancer type:	both 4 and 6 bolt



Massey Ferguson 390 uses A4.248 replacement (VPB8030)

Fully assembled motor includes:

Cylinder block:	Later spec. has cylinder head threads recessed in the block
Pistons:	3 ring type (VPB2090)
Liners:	Less fire ring (VPB1023)
Rings:	3 ring type (VPB4090)
Crankshaft:	Long web (VPC1011) with 3 bolt crank pulley fixing (VPC4105)
Camshaft and followers:	Camshaft (VPA2510) and follower (VPA2603) Conrod bearing set (VPC2030) Main bearing set (VPC3030) and Thrust washers (VPC4702)

Typical applications: Massey Ferguson 168, 175, 265, 275, 565, 575, 675, 365, 375, plus many more industrial and agricultural applications

When installing these short motors you may also need the following:

Cylinder head gasket set: part no. VPA4006 (without fire ring liners)

Bottom gasket set: part no. VPC6007

Cylinder head bolt kit: part no. VPA3920 (if it is a replacement for a MF 300 series or later tractor, then you will not need this kit)



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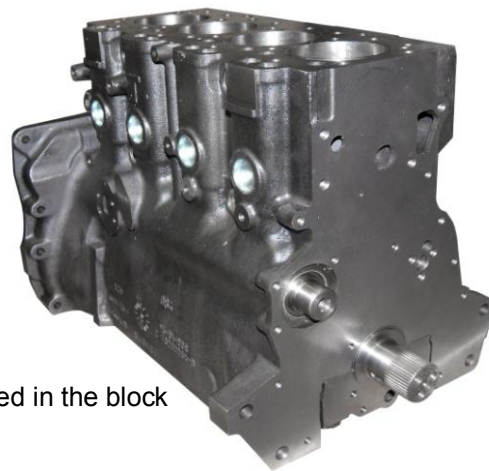
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Perkins A4.248 – Part No. VPB8030

Specifications:

Bore:	101mm
Stroke:	127mm
Cylinders:	4
Turbo:	No
Rear seal:	Lip
Balancer type:	both 4 and 6 bolt



Fully assembled motor includes:

Cylinder block:	Later specification, with cylinder head threads recessed in the block
Pistons:	5 ring type (VPB2200)
Liners:	Less fire ring (VPB1025)
Rings:	5 ring type (VPB4190)
Crankshaft:	Long web (VPC1011), with 3 bolt crank pulley fixing (included VPC4105)
Camshaft and followers:	Camshaft (VPA2510) and follower (VPA2603) Conrod bearing set (VPC2030) Main bearing set (VPC3030) and Thrust washers (VPC4702)

Typical applications: Massey Ferguson 178, 185, 188, 285, 290, 590, 690, 390, plus many more industrial and agricultural applications

When installing these short motors you may also need the following:

Cylinder head gasket set: part no. VPA4006 (without fire ring liners)

Bottom gasket set: part no. VPC6007

Cylinder head bolt kit: part no. VPA3920 (if it is a replacement for a MF 300 series or later tractor, then you will not need this kit)

Don't forget other products available for the rebuild include:

Cylinder head (part no. VPA3004)

Balancer unit 4 hole (part no. VPD1600)

Balancer unit 6 hole (part no. VPD1620)

Fuel lift pump (part no. VPD3011)

Timing gears, oil filters, injection pipes, low pressure fuel line, starter motors, clutch, water pump, injector nozzles etc.



There is a vast range of parts available depending on the model of machine this Short Motor fits. Please visit our website for more information www.vapormatic.com

All Vapormatic quality replacement parts carry an industry leading **12 months parts and labour warranty.**

Original equipment manufacturers names and part number are quoted for reference purposes only and are not intended to infer that our replacement parts are used as original equipment.