



# New Product Update & Parts Information

## VAPORMATIC

### 4 Cylinder Perkins Short Motors

The Vapormatic Co. Ltd, PO Box 58,  
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[www.vapormatic.com](http://www.vapormatic.com)

Bulletin	UK	Export	Vap	Issued
1185	YES	YES	YES	4 <sup>th</sup> 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.

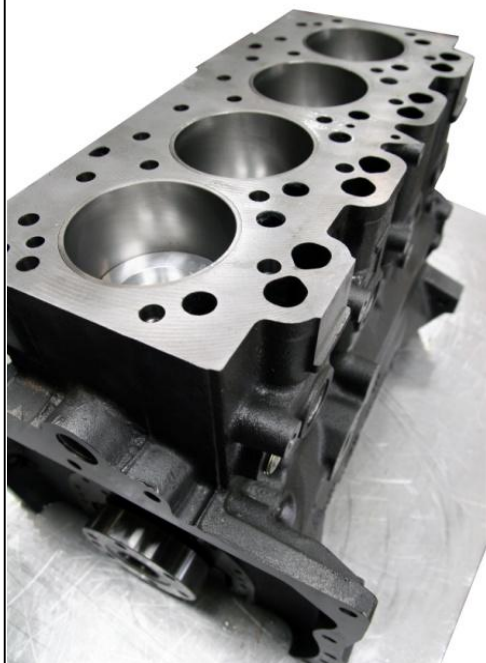
Assembled in the UK by fully trained technicians, these high quality Short Motors use only tried and tested Vapormatic parts and each one comes with a full 12 months parts and labour warranty.

**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.



Massey Ferguson 390 uses A4.248 replacement (VPB8030)

#### Perkins A4.236 – Part No. VPB8029



#### Specifications:

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

#### Fully assembled motor includes:

<b>Cylinder block:</b>	Later spec. has cylinder head threads recessed in the block
<b>Pistons:</b>	3 ring type (VPB2090)
<b>Liners:</b>	Less fire ring (VPB1023)
<b>Rings:</b>	3 ring type (VPB4090)
<b>Crankshaft:</b>	Long web (VPC1011) with 3 bolt crank pulley fixing (VPC4105)
<b>Camshaft and followers:</b>	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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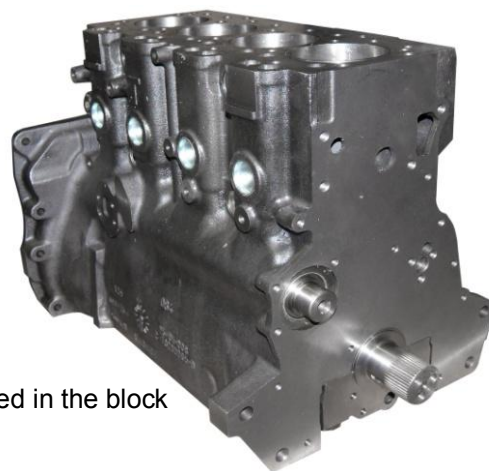
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#### Perkins A4.248 – Part No. VPB8030

##### Specifications:

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



##### Fully assembled motor includes:

<b>Cylinder block:</b>	Later specification, with cylinder head threads recessed in the block
<b>Pistons:</b>	5 ring type (VPB2200)
<b>Liners:</b>	Less fire ring (VPB1025)
<b>Rings:</b>	5 ring type (VPB4190)
<b>Crankshaft:</b>	Long web (VPC1011), with 3 bolt crank pulley fixing (included VPC4105)
<b>Camshaft and followers:</b>	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](http://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.