



## FORD COMPONENT SALES

### Ford Focus 1.0L FOX 74 Kw/100PS MHEV Service Engine

#### Technical Specifications

Engine Type: 3-cyl double overhead camshaft engine with 12 valves

Block / Head:  
Cast iron / Aluminium

Displacement (litres /cu in) 1.0L - 999cc (61.0)

Bore x Stroke (in): 71.9mm  
82mm

Main Bearings: 4

Compression Ratio: 10.5:1

Fuel Injection: Sequential  
Multiport Fuel Injection

Valve Operation: Variable  
camshaft timing on the intake  
and exhaust camshafts

Power (PS @ RPM)  
74 kW(100 PS)/ 4500-6000

Torque (lb.-t @ rpm)  
(170 Nm / 2100-5500 PRM)

Oil Capacity / Spec:  
5.05 L (5.34 qt) SAE 5W-20

Weight (kg.): 104 kg (Approx)

Dimensions (mm) H x W x L: 679  
x 612 x 472 mm (Approx)



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# Ford Focus 1.0L FOX 74Kw/ 100PS MHEV Service Engine

## Key Features & Benefits

3-cylinder double overhead camshaft engine with 12 valves

Cast iron cylinder block,  
Aluminium alloy cylinder head

Camshafts driven by timing chain, not belt, for more robustness

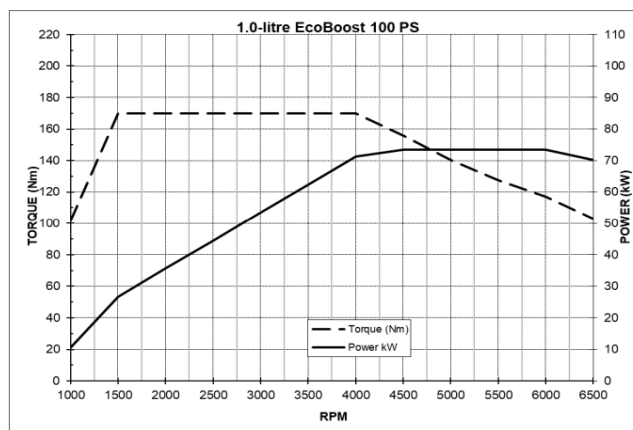
Service engine assy (EcoBoost, Gas/Electric Hybrid or E85 fuel capability), Eurocode 434

Stage 6.2 emission level

Camshaft drive	Chain drive with hydraulic tensioner
Crankshaft	Cast iron, 6 counterweights, 4 main bearings
Engine management	Bosch CAN-Bus and individual cylinder knock control. FGEC software
Fuel injection	250bar (max) High pressure direct fuel injection with 5-hole injectors
Emission level	Euro 6d
Emission control	Rapid light-off catalyst, gasoline particulate filter
Turbocharger	Fixed geometry turbocharger
Electric motor	11.5kW Belt Integrated Starter-Generator
Battery	48V 8Ah Li-ion air cooled battery pack
Lubrication system	Electronically controlled variable displacement oil pump for improved fuel economy
Cooling system	Split cooling system with 2 thermostats



## TECHNICAL SPECIFICATIONS



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