



## FORD COMPONENT SALES

### 1.0L Fox MHEV Service Engine Focus 100ps

#### 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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# 1.0L Fox MHEV Service Engine Focus 100ps

## 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

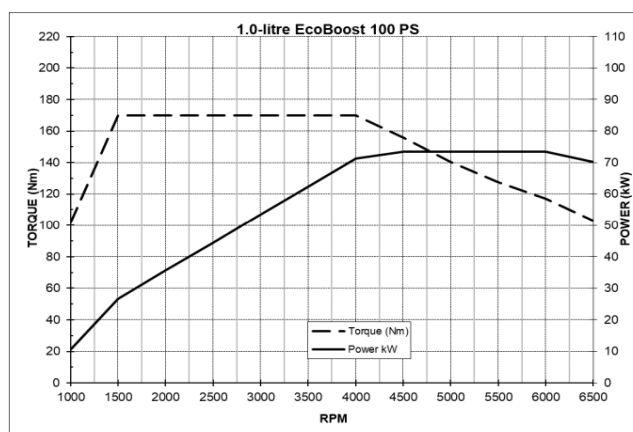
Service engine assy (Ecoboost,  
Gas/Electric Hybrid or E85 fuel  
capability), Eurocode 434

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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