



FORD COMPONENT SALES

Ford Fiesta 1.0L FOX114kW/155ps MHEV Service Engine

Technical Specifications

Engine Type: 3-cyl., In-line, Dual Overhead Cam

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: Direct Acting
Mechanical Bucket (DAMB)

Power (HP @ RPM)
114 kW (155 PS) / 6000 rpm
118 kW (160 PS) / 5750 rpm

Torque (lb.- t @ RPM):
190 Nm / 1900 - 5500 rpm:
200 Nm / 2000 - 5500 rpm

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

Weight (kg.): 105kg (Approx)

Dimensions (mm) H x W x L:
65 x 60 x 65



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Dunton Technical Centre,
Arterial Road, Laindon, Essex, SS15 6EE

 fcseuqry@ford.com

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Key Features & Benefits

Cast iron engine block and Aluminium cylinder head help contribute to low vehicle weight

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

DOHC design uses four valves per cylinder improves engine breathing and performance

Stage 6 .2 Emission level

Fox Upgrade 155PS - Engine and Hybrid Performance

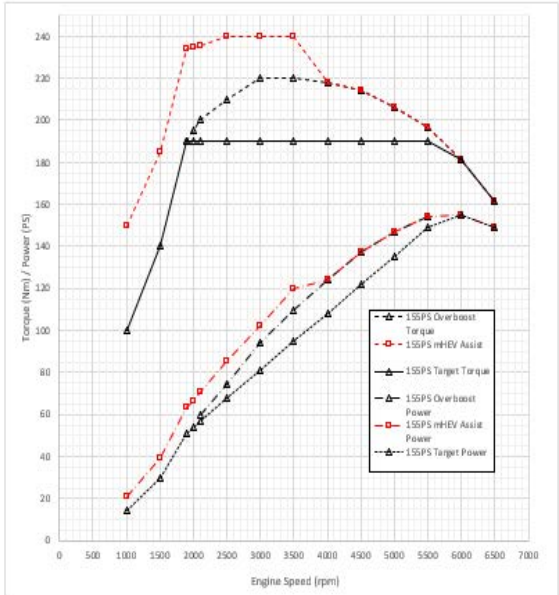
Note that all power is mechanical power at the crank

Fox Upgrade 1.0ltr GTDI 10:1
EU6.2
155PS BX726 MCA
38Pon

Engine Speed (rpm)	BISG (Nm)	Total (Nm)	BISG (PS)	OE Power (PS)
1000	50	150	7.1	21.4
1500	45	185.3	3.7	39.6
1900	41	234.36	11.1	63.4
2000	41	234.47	11.1	66.8
2100	40	235.71	12.0	70.5
2500	30	240	10.7	85.4
3000	20	240	8.5	102.5
3500	20	240	10.0	113.6
4000	0	218	0.0	124.1
4500	0	214	0.0	137.1
5000	0	206	0.0	146.6
5500	0	197	0.0	154.3
6000	0	181.4	0.0	155.0
6500	0	161.5	0.0	143.5

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Engine Speed (rpm)	Torque (Nm)	Overboost Power (Nm)	OB Power (PS)	
1000	100	100	14.2	14.2
1500	140	140	23.9	23.9
1900	190	190	51.4	51.4
2000	190	195	54.1	55.5
2100	190	200	56.8	59.8
2500	190	210	67.6	74.7
3000	190	220	81.2	94.0
3500	190	220	84.7	103.6
4000	190	218	108.2	124.1
4500	190	214	121.7	137.1
5000	190	206	135.3	146.6
5500	190	197	148.8	154.3
6000	181.4	181.4	155.0	155.0
6500	161.5	161.5	143.5	143.5



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