



## NEW FORD TRANSIT WITH FORD ECOBLUE ENGINE –TECHNICAL SPECIFICATIONS

### Ford EcoBlue Diesel Engine

		2.0-litre EcoBlue TDCi (FWD)		
Type		Inline four cylinder turbo diesel, transverse		
Displacement	cm <sup>3</sup>	1996		
Bore	mm	84.01		
Stroke	mm	90.03		
Compression ratio		16.5:1		
Max power	PS (kW)	105 (77)	130 (96)	170 (125)
	at rpm	3500	3500	3500
Max torque	Nm	360	385	405
	at rpm	1375—2000	1500—2000	1750—2500
Valve gear		DOHC with 4 valves per cylinder		
Cylinders		4 in line		
Cylinder head		Cast aluminium		
Cylinder block		Cast iron		
Camshaft drive		Low-friction belt-in-oil with dynamic tensioner		
Crankshaft		Forged steel, 4 counter-weights, 5 main bearings		
Engine management		Ford Common Rail Diesel Engine Management System		
Fuel injection		Common rail direct fuel injection; 2000 bar injection pressure; 8-hole piezo-electric injectors		
Emission control		Selective Catalytic Reduction (SCR) catalyst with Urea injection, Oxidation catalyst and standard cDPF, Water cooled, high pressure EGR with bypass		
Emission level		Euro Stage 6		
Turbocharger		Variable geometry turbocharger with electric actuation		
Lubrication system		Pressure-fed lubrication system with full flow oil filter, 0W30 engine oil		
System capacity	litres	8.3 with filter		
Cooling system		Engine driven water pump with thermostat control		

## Sample test vehicle specifications

### Ford Transit Van 350 105PS FWD Medium Wheelbase/Medium Roof (L2/H2)

<b>Engine</b>			
Engine type	Ford EcoBlue 2.0-litre		
Max power PS (kW)	105 (77)		
Max Torque Nm	360		
<b>Driveline</b>			
Configuration	Front-wheel drive, transverse engine, with Auto-Start-Stop		
Transmission	VMT6 six-speed manual transmission (Final drive 4.71)		
<b>Performance<sup>Ø</sup></b>			
Fuel Economy <sup>ØØ</sup> Litres/100km	urban	extra urban	combined
	7.5	6.4	6.8
CO <sub>2</sub> g/km (average)	176		
<b>Construction</b>			
Front Suspension	Independent MacPherson struts, variable rate coil springs, stabiliser bar and gas pressurised shock absorbers		
Rear Suspension	Leaf springs, gas pressurised shock absorbers		
Brakes	Dual-circuit, with servo-assistance. Front and rear discs. Standard Electronic Stability Control (ESC)		
Steering	Rack and pinion, power assisted, adjustable in reach and rake		
<b>Weights and dimensions</b>			
Base kerb weight (kg)**	2071		
Payload (kg)**	1429		
GVM (kg)	3500		
GTM (kg)	5100		
Braked trailer (kg)	2800		
Wheelbase (mm)	3300		
Vehicle Length (mm)	5531		
Vehicle Height (mm)	2542 (unladen)		
Vehicle Width (mm) with/without mirrors	2474 / 2059		
Load Volume (m <sup>3</sup> )	10.0 (with full bulkhead)		

## Ford Transit Van 350 170PS FWD Long Wheelbase/Medium Roof (L3/H2)

<b>Engine</b>			
Engine type	Ford EcoBlue 2.0-litre		
Max power PS (kW)	170 (125)		
Max Torque Nm	405		
<b>Driveline</b>			
Configuration	Front-wheel drive, transverse engine, with Auto-Start-Stop		
Transmission	VMT6 six-speed manual transmission (Final drive 4.71)		
<b>Performance<sup>o</sup></b>			
Fuel Economy <sup>oo</sup> Litres/100km	urban	extra urban	combined
	7.6	6.6	6.9
CO <sub>2</sub> g/km (average)	179		
<b>Construction</b>			
Front Suspension	Independent MacPherson struts, variable rate coil springs, stabiliser bar and gas pressurised shock absorbers		
Rear Suspension	Leaf springs, gas pressurised shock absorbers		
Brakes	Dual-circuit, with servo-assistance. Front and rear discs. Standard Electronic Stability Control (ESC)		
Steering	Rack and pinion, power assisted, adjustable in reach and rake		
<b>Weights and dimensions</b>			
Base kerb weight (kg)**	2149		
Payload (kg)**	1351		
GVM (kg)	3500		
GTM (kg)	5500		
Braked trailer (kg)	2800		
Wheelbase (mm)	3750		
Vehicle Length (mm)	5981		
Vehicle Height (mm)	2541 (unladen)		
Vehicle Width (mm) with/without mirrors	2474 / 2059		
Load Volume (m <sup>3</sup> )	11.5 (with full bulkhead)		

## Ford Transit Van 350 105PS RWD Long Wheelbase/Medium Roof (L3/H2)

<b>Engine</b>			
Engine type	Ford EcoBlue 2.0-litre		
Max power PS (kW)	105 (77)		
Max Torque Nm	360		
<b>Driveline</b>			
Configuration	Rear-wheel drive, longitudinal engine, with Auto-Start-Stop		
Transmission	MT82 six-speed manual transmission (Final drive 3.31)		
<b>Performance<sup>o</sup></b>			
Fuel Economy <sup>oo</sup> Litres/100km	urban	extra urban	combined
	8.3	6.8	7.3
CO <sub>2</sub> g/km (average)	189		
<b>Construction</b>			
Front Suspension	Independent MacPherson struts, variable rate coil springs, stabiliser bar and gas pressurised shock absorbers		
Rear Suspension	Leaf springs, gas pressurised shock absorbers		
Brakes	Dual-circuit, with servo-assistance. Front and rear discs. Standard Electronic Stability Control (ESC)		
Steering	Rack and pinion, power assisted, adjustable in reach and rake		
<b>Weights and dimensions</b>			
Base kerb weight (kg)**	2246		
Payload (kg)**	1254		
GVM (kg)	3500		
GTM (kg)	5500		
Braked trailer (kg)	2800		
Wheelbase (mm)	3750		
Vehicle Length (mm)	5981		
Vehicle Height (mm)	2543 (unladen)		
Vehicle Width (mm) with/without mirrors	2474 / 2059		
Load Volume (m <sup>3</sup> )	11.0 (with full bulkhead)		

## Ford Transit Van 350 170PS RWD Long Wheelbase Extended Length/High Roof (L4/H3)

<b>Engine</b>			
Engine type	Ford EcoBlue 2.0-litre		
Max power PS (kW)	170 (125)		
Max Torque Nm	405		
<b>Driveline</b>			
Configuration	Rear-wheel drive, longitudinal engine, with Auto-Start-Stop		
Transmission	MT82 six-speed manual transmission (Final drive 3.15)		
<b>Performance<sup>o</sup></b>			
Fuel Economy <sup>oo</sup> Litres/100km	urban	extra urban	combined
	8.0	6.7	7.2
CO <sub>2</sub> g/km (average)	187		
<b>Construction</b>			
Front Suspension	Independent MacPherson struts, variable rate coil springs, stabiliser bar and gas pressurised shock absorbers		
Rear Suspension	Leaf springs, gas pressurised shock absorbers		
Brakes	Dual-circuit, with servo-assistance. Front and rear discs. Standard Electronic Stability Control (ESC)		
Steering	Rack and pinion, power assisted, adjustable in reach and rake		
<b>Weights and dimensions</b>			
Base kerb weight (kg)**	2393		
Payload (kg)**	1107		
GVM (kg)	3500		
GTM (kg)	5500		
Braked trailer (kg)	2800		
Wheelbase (mm)	3750		
Vehicle Length (mm)	6704		
Vehicle Height (mm)	2779 (unladen)		
Vehicle Width (mm) with/without mirrors	2474 / 2059		
Load Volume (m <sup>3</sup> )	15.1 (with full bulkhead)		

## Ford Transit Double-Cab-in-Van 330 130PS FWD Medium Wheelbase/Medium Roof (L2/H2)

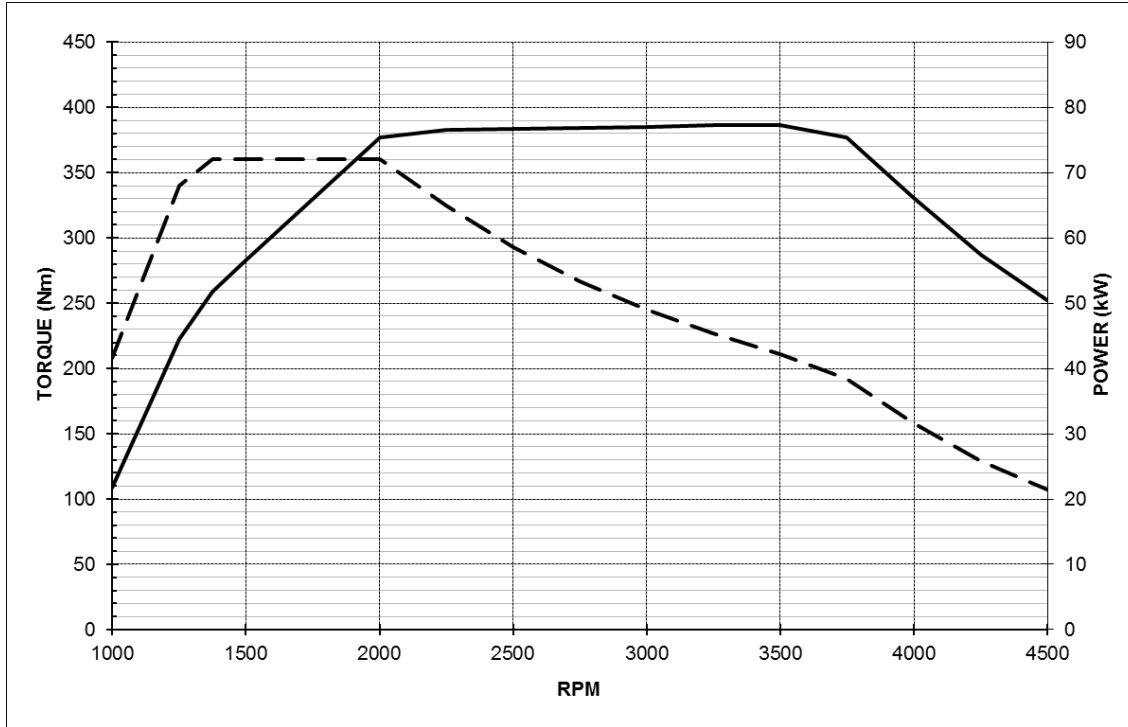
<b>Engine</b>			
Engine type	Ford EcoBlue 2.0-litre		
Max power PS (kW)	130 (96)		
Max Torque Nm	385		
<b>Driveline</b>			
Configuration	Front-wheel drive, transverse engine, with Auto-Start-Stop		
Transmission	VMT6 six-speed manual transmission (Final drive 4.43)		
<b>Performance<sup>0</sup></b>			
Fuel Economy <sup>00</sup> Litres/100km	urban	extra urban	combined
	7.3	6.7	6.9
CO <sub>2</sub> g/km (average)	179		
<b>Construction</b>			
Front Suspension	Independent MacPherson struts, variable rate coil springs, stabiliser bar and gas pressurised shock absorbers		
Rear Suspension	Leaf springs, gas pressurised shock absorbers		
Brakes	Dual-circuit, with servo-assistance. Front and rear discs. Standard Electronic Stability Control (ESC)		
Steering	Rack and pinion, power assisted, adjustable in reach and rake		
<b>Weights and dimensions</b>			
Base kerb weight (kg)**	2208		
Payload (kg)**	1157		
GVM (kg)	3365		
GTM (kg)	5050		
Braked trailer (kg)	2650		
Wheelbase (mm)	3300		
Vehicle Length (mm)	5531		
Vehicle Height (mm)	2542 (unladen)		
Vehicle Width (mm) with/without mirrors	2474 / 2059		
Load Volume (m <sup>3</sup> )	6.1 (with full bulkhead)		

## Ford Transit Double-Cab-in-Van 350 130PS RWD Long Wheelbase/Medium Roof (L3/H2)

<b>Engine</b>			
Engine type	Ford EcoBlue 2.0-litre		
Max power PS (kW)	130 (96)		
Max Torque Nm	385		
<b>Driveline</b>			
Configuration	Rear-wheel drive, longitudinal engine, with Auto-Start-Stop		
Transmission	MT82 six-speed manual transmission (Final drive 3.15)		
<b>Performance<sup>∅</sup></b>			
Fuel Economy <sup>∅∅</sup> Litres/100km	urban	extra urban	combined
	8.0	6.7	7.2
CO <sub>2</sub> g/km (average)	187		
<b>Construction</b>			
Front Suspension	Independent MacPherson struts, variable rate coil springs, stabiliser bar and gas pressurised shock absorbers		
Rear Suspension	Leaf springs, gas pressurised shock absorbers		
Brakes	Dual-circuit, with servo-assistance. Front and rear discs. Standard Electronic Stability Control (ESC)		
Steering	Rack and pinion, power assisted, adjustable in reach and rake		
<b>Weights and dimensions</b>			
Base kerb weight (kg)**	2383		
Payload (kg)**	1117		
GVM (kg)	3500		
GTM (kg)	5500		
Braked trailer (kg)	2800		
Wheelbase (mm)	3750		
Vehicle Length (mm)	5981		
Vehicle Height (mm)	2543 (unladen)		
Vehicle Width (mm) with/without mirrors	2474 / 2059		
Load Volume (m <sup>3</sup> )	7.2 (with full bulkhead)		

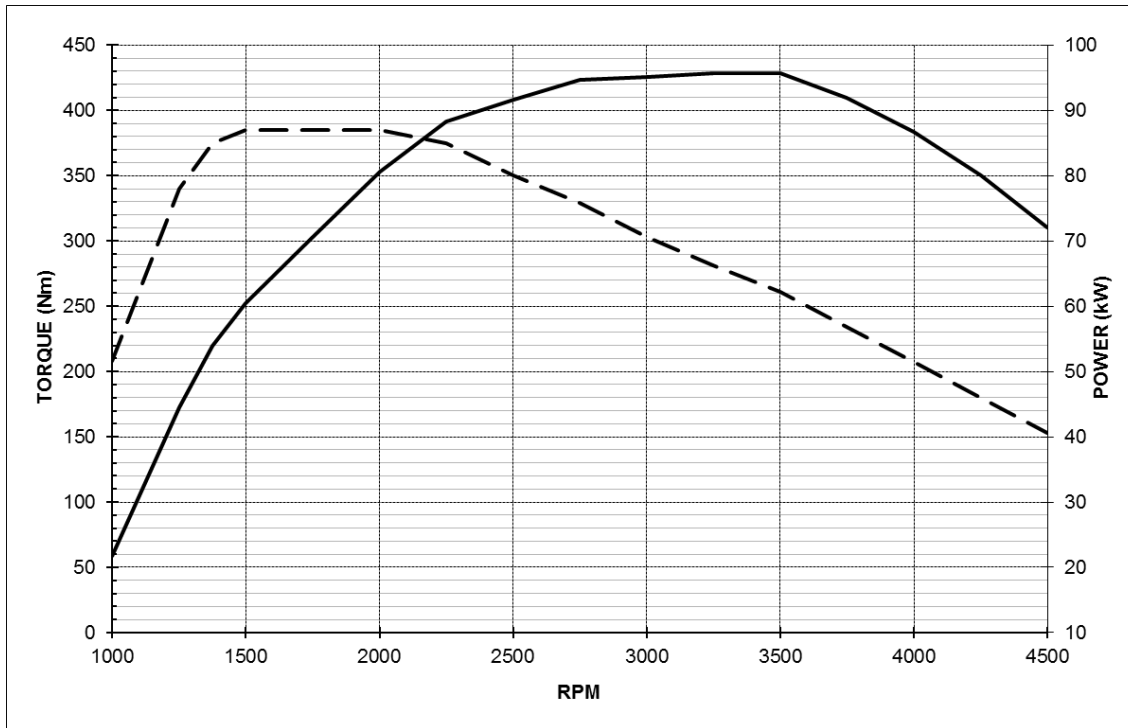
## Appendix: Power-/torque curves

2.0-litre Ford EcoBlue TDCi 105PS FWD (Euro Stage 6)

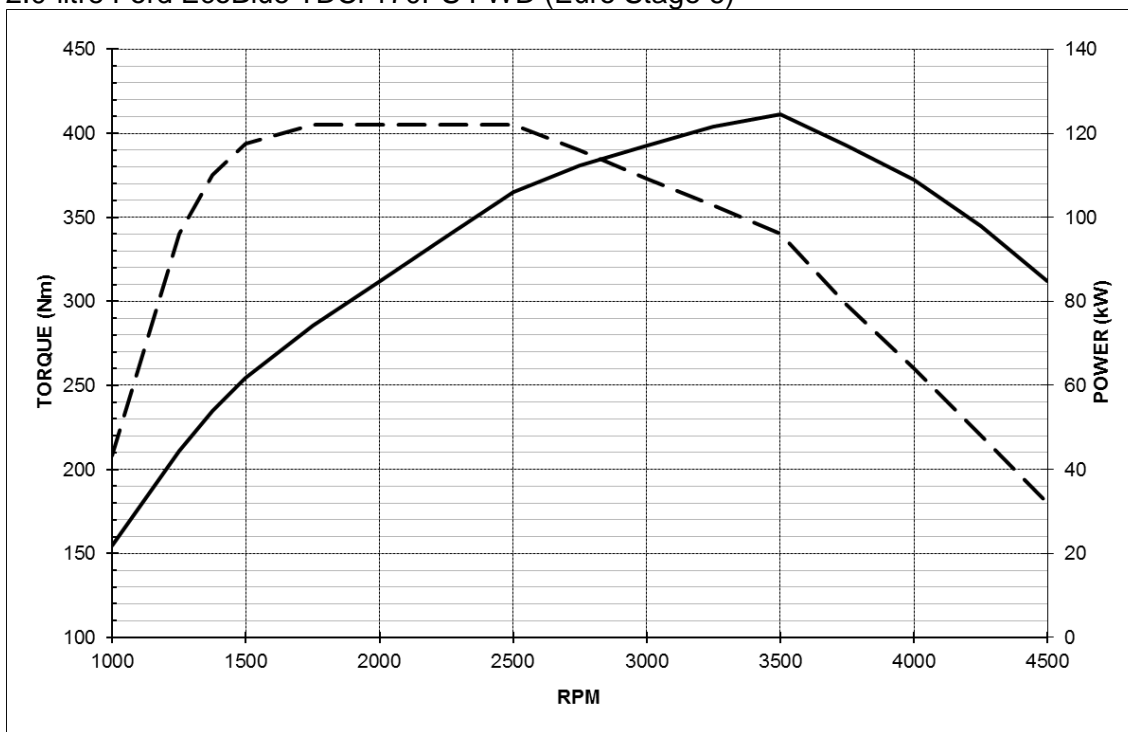


2.0-litre Ford EcoBlue TDCi 130PS FWD (Euro Stage 6)





2.0-litre Ford EcoBlue TDCi 170PS FWD (Euro Stage 6)



© Ford test figures. © The declared Fuel/Energy Consumptions, CO<sub>2</sub> emissions and electric range are measured according to the technical requirements and specifications of the European Regulations (EC) 715/2007 and (EC) 692/2008 as last amended. Fuel consumption and CO<sub>2</sub> emissions are specified for a vehicle variant and not for a single car. The applied standard test procedure enables comparison between different vehicle types and different manufacturers. In addition to the fuel efficiency of a car, driving behaviour as well as other non-technical factors play a role in determining a car's fuel/energy consumption, CO<sub>2</sub> emissions and electric range. CO<sub>2</sub> is the main greenhouse gas responsible for global warming.

*Note: The data information in this press release reflects preliminary specifications and was correct at the time of going to print. However, Ford policy is one of continuous product improvement. The right is reserved to change these details at any time.*

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