



TECHNICAL SPECIFICATIONS

FORD TOURNEO CONNECT/GRAND TOURNEO CONNECT – PRELIMINARY SPECIFICATIONS

FUEL CONSUMPTION AND PERFORMANCE

Engine	Power (PS)	CO ₂ (g/km)	Fuel consumption l/100km (mpg)			Performance		
			Urban	Extra Urban	Combined	Max Speed (km/h)	0-100 km/h (secs)	80-120 km/h** (secs)
Tourneo Connect								
1.6 Duratorq TDCi (5-sp man) with FE pack*	75	120	4.9 (57.6)	4.4 (64.2)	4.6 (61.4)	145	17.8	25.3
1.6 Duratorq TDCi (5-sp man)	75	130	5.6 (50.4)	4.6 (61.4)	5.0 (56.5)	145	17.8	25.7
1.6 Duratorq TDCi (5-sp man) with FE pack	95	120	4.9 (57.6)	4.4 (64.2)	4.6 (61.4)	160	14.7	21.2
1.6 Duratorq TDCi (5-sp man)	95	130	5.6 (50.4)	4.6 (61.4)	5.0 (56.5)	160	14.7	21.6
1.6 Duratorq TDCi (6-sp man)	115	130	5.6 (50.4)	4.6 (61.4)	4.9 (57.6)	165	13.8	15.1
1.0 EcoBoost (6-sp man)	100	129	6.4 (44.1)	5.1 (55.4)	5.6 (50.4)	165	14.0	20.0
1.6 EcoBoost (6-sp auto)	150	184	10.9 (25.9)	6.3 (44.8)	8.0 (35.3)	173	10.9	-
Grand Tourneo Connect								
1.6 Duratorq TDCi (5-sp man) with FE pack	75	121	4.9 (57.6)	4.5 (62.8)	4.6 (61.4)	145	18.3	26.4
1.6 Duratorq TDCi (5-sp man)	75	130	5.6 (50.4)	4.6 (61.4)	5.0 (56.5)	145	18.3	26.8
1.6 Duratorq TDCi (5-sp man) with FE pack	95	121	4.9 (57.6)	4.5 (62.8)	4.6 (61.4)	160	15.1	22.0
1.6 Duratorq TDCi (5-sp man)	95	130	5.6 (50.4)	4.6 (61.4)	5.0 (56.5)	160	15.1	22.4
1.6 Duratorq TDCi (6-sp man)	115	130	5.6 (50.4)	4.6 (61.4)	4.9 (57.6)	165	14.1	15.6
1.6 EcoBoost (6-sp auto)	150	184	10.9 (25.9)	6.3 (44.8)	8.0 (35.3)	173	11.1	-

* Fuel Economy pack includes Auto-Start-Stop, Active Grille Shutter, Smart Regenerative Charging

** In 5th gear

WEIGHTS AND DIMENSIONS

Weights

	Kerbweight (kg)[#]	Gross Vehicle Mass (kg)	Gross Train Mass (kg)	Max. Towable Mass (braked) (kg)	Max. Towable Mass (unbraked) (kg)
Tourneo Connect					
1.0 EcoBoost	1420	2010	2910	1000	745
1.6 EcoBoost	1469	2045	2945	1000	750
1.6 Duratorq 75 PS	1458	2045	2945	1000	750
1.6 Duratorq 95 PS	1458	2045	3145	1200	750
1.6 Duratorq 115 PS	1467	2055	3155	1200	750
Grand Tourneo Connect - 7 seats					
1.6 EcoBoost	1523	2320	2920	750	750
1.6 Duratorq 75 PS	1512	2300	2945	800	750
1.6 Duratorq 95 PS	1512	2300	3145	1000	750
1.6 Duratorq 115 PS	1521	2310	3155	1000	750

⁰**Payload** = Gross vehicle mass, less kerb mass. All kerb masses quoted are subject to manufacturing tolerances and are for base models with minimum equipment.

¹Represents the lightest kerbweight assuming full fluid levels and 90% fuel levels, subject to manufacturing tolerances and options, etc, fitted.

Dimensions

	Tourneo Connect	Grand Tourneo Connect 5-seat	Grand Tourneo Connect 7-seat
Overall length	4418	4818	4818
Overall width with mirrors	2137	2137	2137
Overall height	1852	1845	1840
Side door entry width	612	839	839
Luggage space width between wheel arches	1192	1149	1149
Luggage space width	1477	1477	1477
Luggage floor to roof	1245	1234	1072
Luggage space length 2 seat mode	1800	2179	2179
Luggage space length 5 seat mode	913	1305	1264
Luggage space length 7 seat mode	n/a	n/a	450
Luggage capacity (litres)[*]			
Luggage Capacity 2 seat mode	2410	2761	2620
Luggage Capacity 5 seat mode	1029	1529	1287
Luggage Capacity 7 seat mode	n/a	n/a	322

BODY AND CHASSIS

Body Structure	Computer-optimised, high-efficiency, unitary-welded steel body incorporating rigid occupant cell and front and rear energy-absorbing crumple zones; direct-glazed windshield.
Passive safety and restraint system elements	<p>Integrated passive safety system featuring:</p> <ul style="list-style-type: none">• Driver and passenger airbags plus thorax-protecting side airbags for front occupants• Side curtain airbags for front and second row (Tourneo Connect), Side curtain airbags for front, second and third row (Grand Tourneo Connect).• Three-point safety belts in all positions. Front seat belts are specified with outboard pre-tensioners as standard.• Safety belt reminders for driver and front passenger• ISOFIX child seat attachment points on the 2 outer seats in the second row
Corrosion protection	Multi-stage paint and body protection process, including zinc precoat for all relevant exterior panels, optimised dip phosphate coat, electrocoat primer, primer/surfacer and basecoat/clearcoat system, plus comprehensive cavity wax injection, PVC underbody coating and stone chip protection. Thick PVC sealing beads for flanges. Front plastic wheel arch liners, rear textile wheel arch liners, anti scuff strips on inner doorsills.
Suspension	<p>Front – Independent MacPherson struts with offset coil spring over gas filled damper units and lower L-arms with optimised front rubber bushings and rear bush mounted on separate reinforced cross-member sub-frame, anti roll bar.</p> <p>Rear – Torsion beam rear suspension with coil springs and monotube damper units.</p>
Steering	<p>Type – Rack and pinion steering with rack-mounted Electric Power Assisted Steering (EPAS)</p> <p>Turning circle (Kerb-to-Kerb) – 11.3m (L1), 12.2m (L2) Turning circle (Wall-to-Wall) – 11.7m (L1), 12.5m (L2)</p> <p>Turns lock-to-lock – 2.7</p>
Brakes	<p>Dual circuit, diagonally split, hydraulically operated disc brakes front and rear. Vacuum servo assisted with four-channel ABS and electronic brake distribution (EBD)</p> <p>Brake disc dimensions (front/ventilated discs): 300mm diameter (Tourneo Connect) 320mm diameter (Grand Tourneo Connect)</p> <p>Brake disc dimensions (rear/solid discs): 280mm diameter</p> <p>Modulation: ABS, Traction Control, ESC, EBD, Emergency Brake Assist (EBA), Load Adaptive Control (LAC), Hill Start Assist (HSA), Trailer Sway Control (TSC), Emergency Brake Light (EBL), Torque Vectoring Control (TVC) Optional Active City Stop system</p>

Wheels and tyres

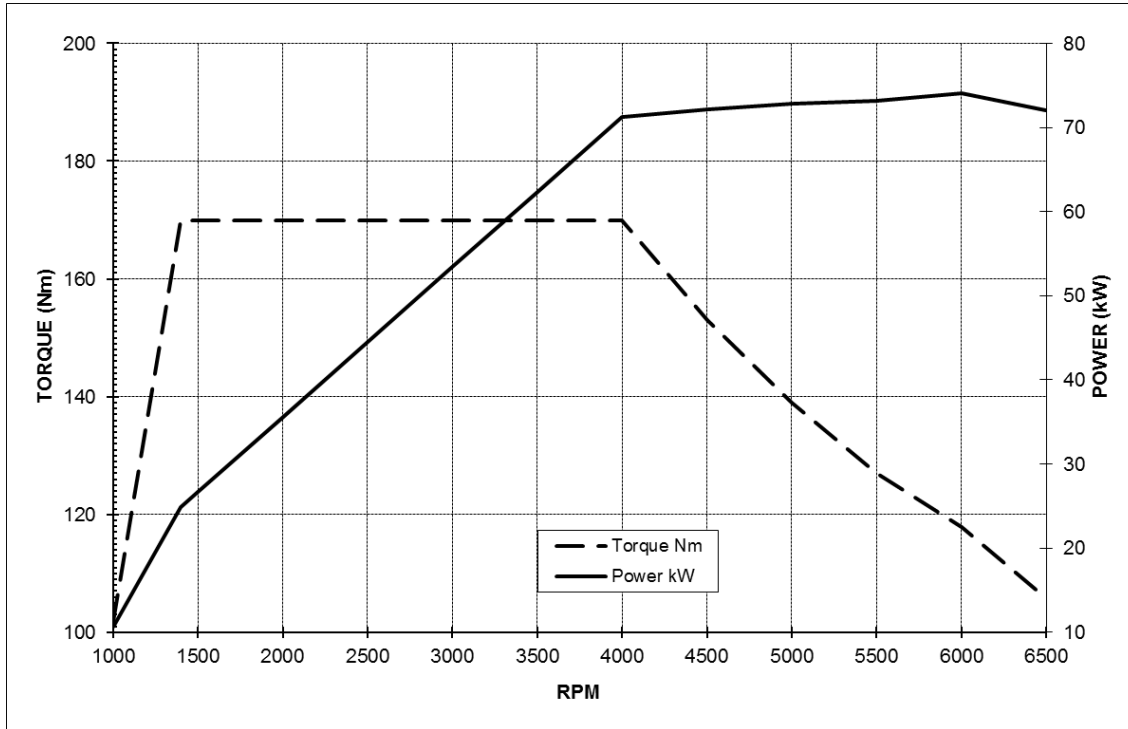
Wheel type	Pressed Steel	Alloy
Wheel size	6.5 x 16"	6.5 x 16"
Tyre size	205/60 R 16	205/60 R 16
Spare wheel and tyre	<i>Full-sized spare or Tyre Mobility Kit (varies by market and vehicle specification)</i>	

PETROL ENGINES

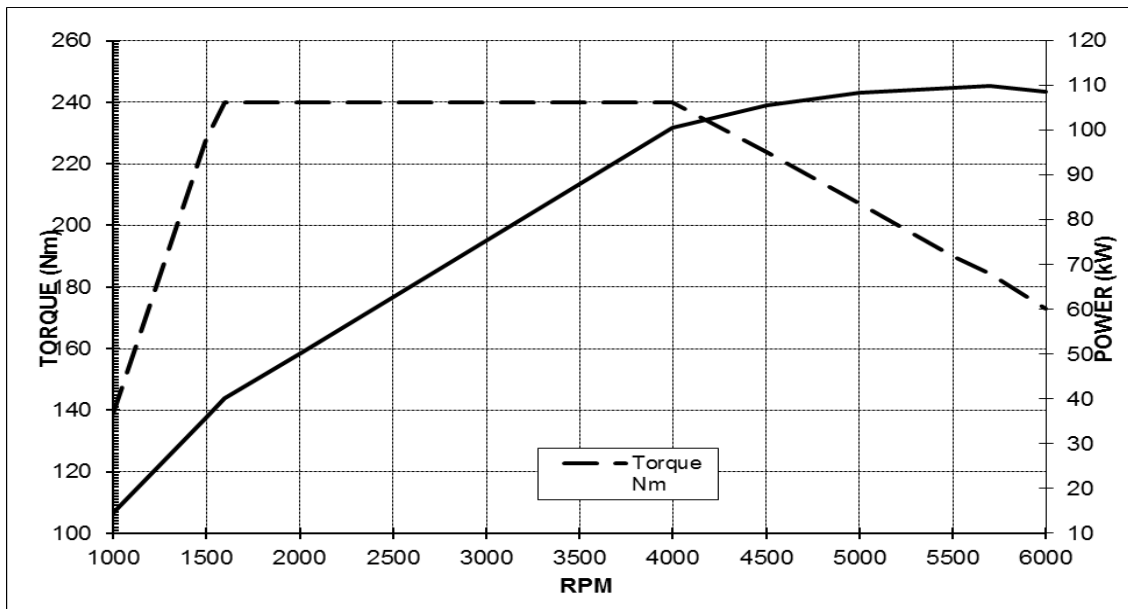
		1.0-litre EcoBoost (100PS)	1.6-litre EcoBoost (150PS)
Type		Inline three cylinder turbo petrol, direct fuel injection and Ti-VCT, transverse	Inline four cylinder turbo petrol, direct fuel injection and Ti-VCT, transverse
Displacement	cm ³	999	1597
Bore	mm	71.9	79.0
Stroke	mm	82.0	81.4
Compression ratio		10.0:1	10.0:1
Max power	PS (kW)	100 (74)	150 (110)
	at rpm	6000	5700
Max torque	Nm	170	240
	at rpm	1400-4000	1600—4000
Valve gear		DOHC with 4 valves per cylinder, twin independent variable cam timing	DOHC with 4 valves per cylinder, twin independent variable cam timing
Cylinders		3 in line	4 in line
Cylinder head		Cast aluminium	Cast aluminium
Cylinder block		Cast iron	Cast aluminium
Camshaft drive		Low friction Belt-in-Oil with dynamic tensioner	Timing belt with dynamic tensioner
Crankshaft		Cast iron, 6 counterweights, 4 main bearings	Cast iron, 4 counterweights, 5 main bearings
Engine management		Bosch MED17 with CAN-Bus and individual cylinder knock control	Bosch MED17 with CAN-Bus and individual cylinder knock control
Fuel injection		High pressure direct fuel injection with 6 hole injectors	High pressure direct fuel injection with 6 hole injectors
Emission level		Euro Stage 5	Euro Stage 5
Turbocharger		Continental low inertia turbo	Borg Warner KP39 low inertia turbo
Lubrication system		Electronically controlled variable displacement oil pump for improved fuel economy	Electronically controlled variable displacement oil pump for improved fuel economy
System capacity with filter	litres	4.1	4.1
Cooling system		Split cooling system with 2 thermostats	Water pump with thermostat and valves
System capacity incl heater	litres	5.5	5.5
Transmission		Durashift 6-speed (B6) manual	6F35 6-speed automatic transmission
Gear ratios			
		6 th 0.683 5 th 0.844 4 th 0.780 3 rd 1.121 2 nd 1.864 1 st 3.727 Reverse 3.625 Final Drive 4.27	6 th 0.746 5 th 1.000 4 th 1.446 3 rd 1.912 2 nd 2.964 1 st 4.584 Reverse 2.943 Final Drive 3.066

Power Curves

1.0-litre EcoBoost 100PS (74kW)



1.6-litre EcoBoost 150PS (110kW)

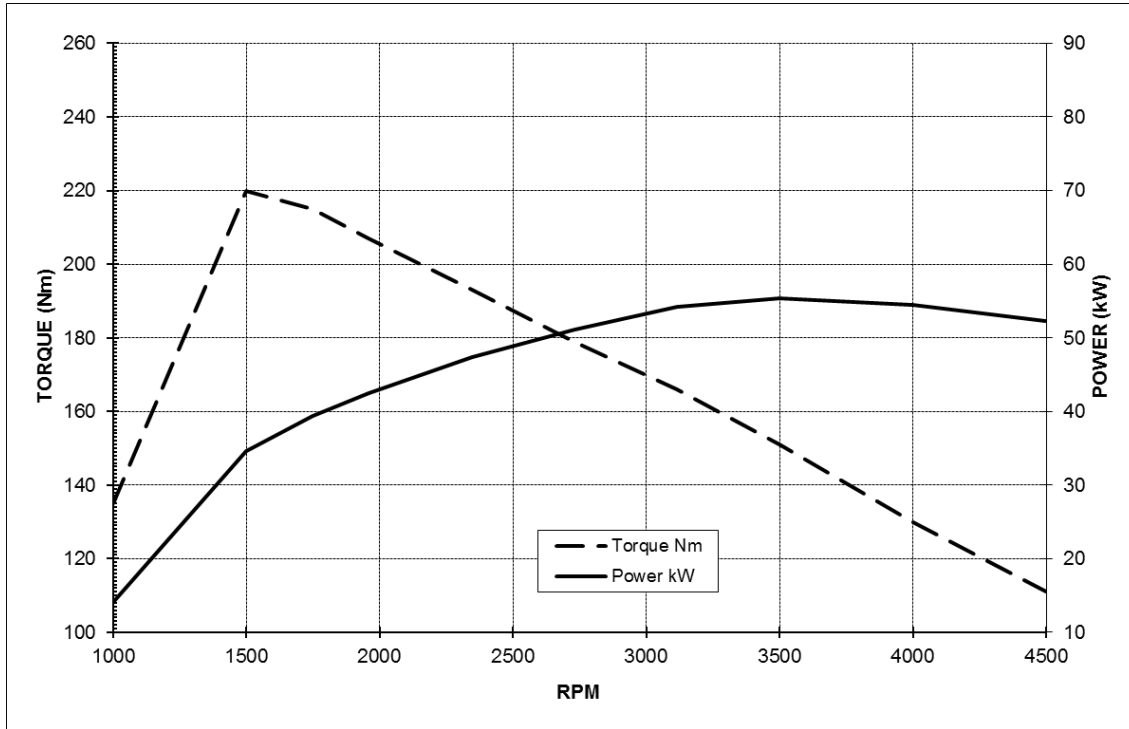


DIESEL ENGINE

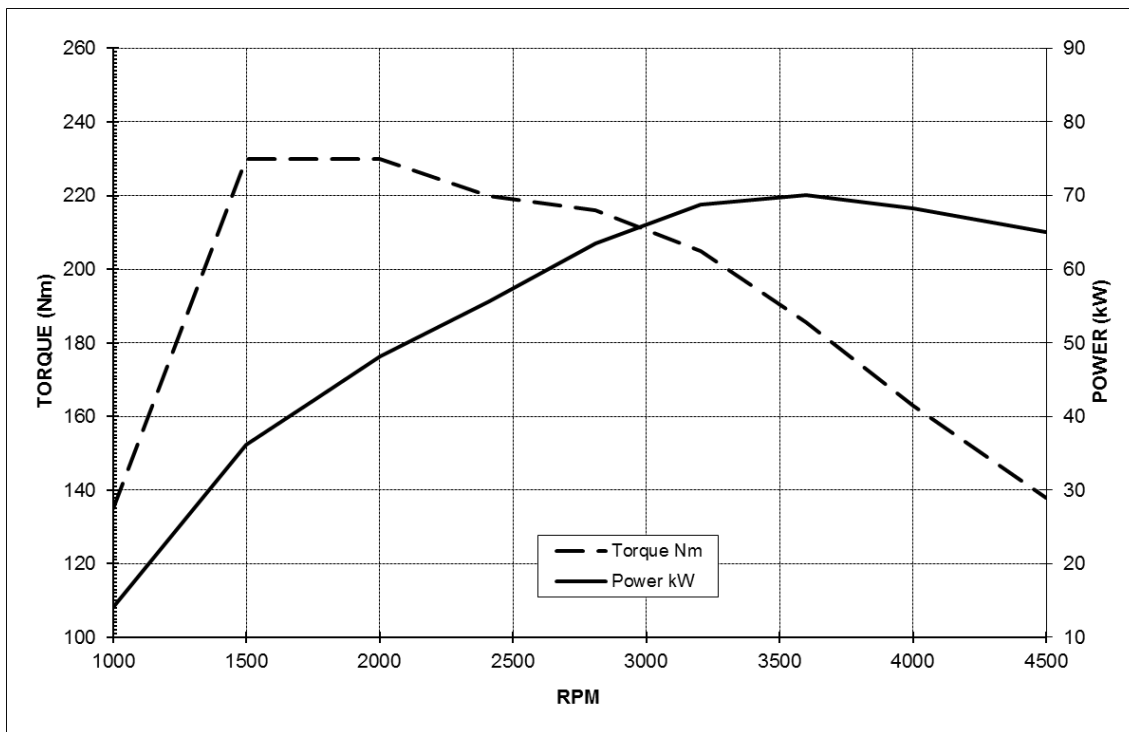
		1.6-litre Duratorq TDCi (95PS)		
Type		Inline four cylinder turbo diesel, transverse		
Displacement	cm ³	1560		
Bore	mm	75.0		
Stroke	mm	88.3		
Compression ratio		16.0:1		
Max power	PS (kW)	75 (55)	95 (70)	115 (85)
	at rpm	3500	3600	3600
Max torque	Nm	220	230	270
	at rpm	1500	1500—2000	1750—2500
Valve gear		SOHC with 2 valves per cylinder		
Cylinders		4 in line		
Cylinder head		Cast aluminium		
Cylinder block		Cast aluminium		
Camshaft drive		Timing belt with dynamic tensioner		
Crankshaft		Drop forged steel, 8 counter-weights, 5 main bearings		
Engine management		Ford Common Rail Diesel Engine Management System		
Fuel injection		Common rail direct fuel inj; 1650 bar injection pressure; 7-hole piezo-electric injectors		
Emission control		Oxidation catalyst, water cooled EGR and standard cDPF		
Emission level		Euro Stage 5		
Turbocharger		Garrett variable geometry turbocharger		
Lubrication system		Pressure-fed lubrication system with full flow oil filter		
System capacity	litres	3.8 with filter		
Cooling system		Water pump with thermostat and valves, with thermal management system		
System capacity	litres	5.8 incl heater		
Transmission		Durashift 5-speed (MTX75) manual		Durashift 6-speed (MMT6) manual
Gear ratios				
		5 th 0.674 4 th 0.865 3 rd 1.258 2 nd 2.048 1 st 3.800 Reverse 3.727 Final Drive 3.56	5 th 0.674 4 th 0.865 3 rd 1.258 2 nd 2.048 1 st 3.800 Reverse 3.727 Final Drive 3.56 (Econetic 3.41)	6 th 0.789 5 th 0.943 4 th 0.868 3 rd 1.194 2 nd 1.864 1 st 3.583 Reverse 3.615 Final Drive 3.69

Power Curves

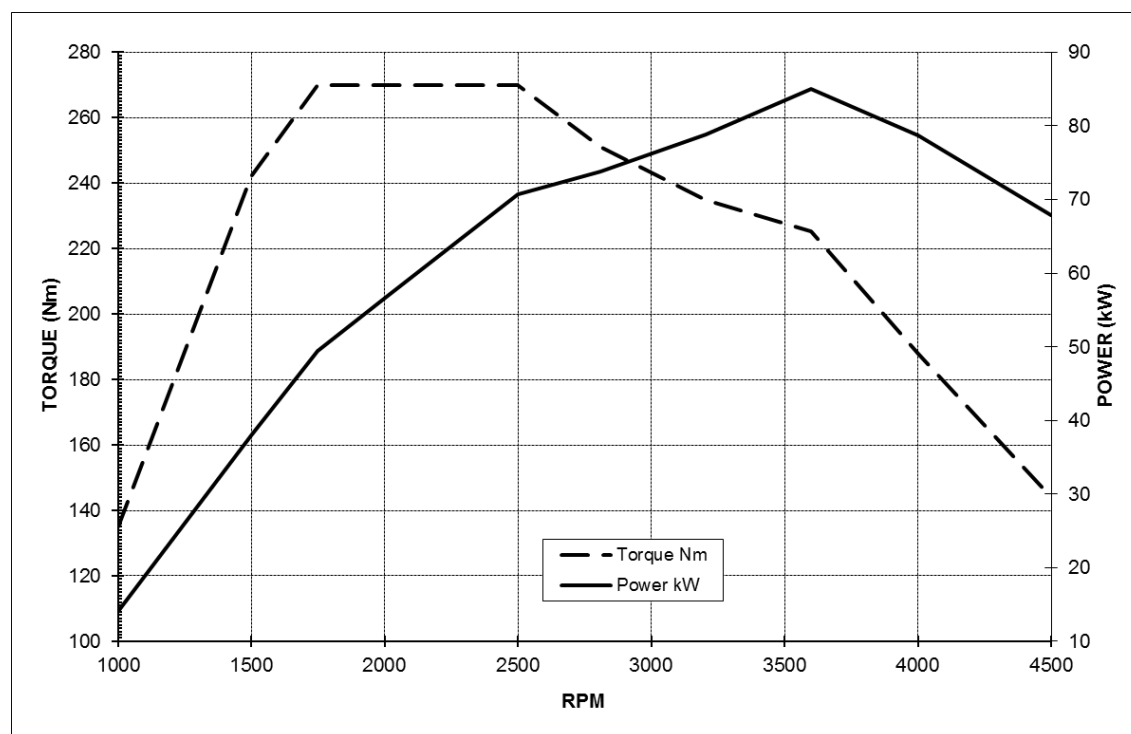
1.6-litre Duratorq TDCi 75PS (55kW)



1.6-litre Duratorq TDCi 95PS (70kW)



1.6-litre Duratorq TDCi 115PS (85kW)



* The stated fuel consumption and CO₂ emissions are measured according to the technical requirements and specifications of the European Regulation (EC) 715/2007 as last amended. Results in MPG also correspond to this European drive cycle and are stated in imperial gallons. The results may differ from fuel economy figures in other regions of the world due to the different drive cycles and regulations used in those markets

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.

About Ford Motor Company

Ford Motor Company, a global automotive industry leader based in Dearborn, Mich., manufactures or distributes automobiles across six continents. With about 175,000 employees and 65 plants worldwide, the company's automotive brands include Ford and Lincoln. The company provides financial services through Ford Motor Credit Company. For more information regarding Ford's products, please visit www.ford.com.

***Ford Europe** is responsible for producing, selling and servicing Ford brand vehicles in 50 individual markets and employs approximately 47,000 employees at its wholly owned facilities and approximately 69,000 people when joint ventures and unconsolidated businesses are included. In addition to Ford Motor Credit Company, Ford Europe operations include Ford Customer Service Division and 24 manufacturing facilities (15 wholly owned or consolidated joint venture facilities and nine unconsolidated joint venture facilities). The first Ford cars were shipped to Europe in 1903 – the same year Ford Motor Company was founded. European production started in 1911.*

Contacts: Detlef Jenter
Ford of Europe
+49 221 901 8745
djenter@ford.com