ALL-NEW FORD TOURNEO CUSTOM

TECHNICAL SPECIFICATIONS



BODY

Construction/materials	Steel unibody
Roof heights	H1
Lengths	L1, L2
Final assembly location	Ford Otosan Yeniköy plant, Kocaeli, Türkiye

DRIVETRAIN

	Electric	Plug-in hybrid	EcoBlue diesel
	Underfloor battery, rear-wheel drive, rear e-motor	Front engine, underfloor battery and e-motor, front-wheel drive, continuously-variable transmission	Front engine, front-wheel drive or intelligent all-wheel drive, manual or automatic transmission

PERFORMANCE & ECONOMY

	E-Tourneo Custom [1]	Tourneo Custom Plug In Hybrid [2]	Tourneo Custom EcoBlue diesel [3]
Power	160 kW	233 PS	136 PS, 150 PS, 170 PS
Torque (Nm)	415	209	310, 360, 390
Max electric driving range (km)	Up to 325	Up to 56	N/A
Fuel efficiency	N/A	1.4-2.9 l/100 km 33-65 g/km	6.8-11.3 l/100 km 179-296 g/km
Fuel tank capacity (litres)	N/A	63	55
AdBlue tank capacity (litres)	N/A	N/A	20

POWERTRAIN

	Tourneo Custom Plug-In Hybrid	Tourneo Custom EcoBlue diesel
Capacity (cc)	2,488	1,996
Bore x stroke (mm)	89.0 x 100.0	84.01 x 90.03
Compression ratio	13.0:1	16.5:1
Cylinder block	Aluminium	Cast iron
Cylinder head	Aluminium	Aluminium
Camshaft drive	Chain-in-oil with dynamic tensioner	Toothed belt with dynamic tensioner
Valve gear	DOHC with four valves per cylinder, variable cam timing	DOHC with four valves per cylinder
Turbocharger	N/A	Low-inertia, variable-geometry turbocharger with electric actuation
Lubrication	Electronically-controlled variable displacement oil pump	Pressure-fed lubrication system with full flow oil filter
Fuel injection	Multi-port fuel injection	Common rail direct fuel injection, 2,200 bar injection pressure, eight-hole piezo-electric injectors

EcoBlue eight-speed auto	Gear ratio	8th	7th	6th	5th	4th	3rd	2nd	1st	Reverse
		0.616	0.742	1	1.414	1.842	2.872	3.146	4.484	-2.882
	Final drive	3.650:1								
EcoBlue six-speed manual	Gear ratio	6th	5th	4th	3rd	2nd	1st	Reverse		
		0.683	0.780	0.844	1.121	1.952	3.727	-1.423		
	Final drive	4.930:1								
Plug-In Hybrid CVT	Ford-developed power split automatic with continuously variable ratio									
	Final drive	3.368:1								

[1] Up to 325 km driving range based on full charge of E-Tourneo Custom. Estimated range using Worldwide Harmonised Light Vehicle Test Procedure (WLTP). Figures shown are for comparability purposes and should only be compared with other vehicles tested to the same technical procedures. Actual range varies due to factors such as temperature, driving behaviour, route profile, vehicle maintenance, lithium-ion battery age and condition.

[2] Ford Tourneo Custom Plug-In Hybrid homologated CO_2 emissions 33-65 g/km WLTP, homologated fuel efficiency 1.4-2.9 l/100 km WLTP and pure electric driving range 44-56 km WLTP.

[3] Ford Tourneo Custom EcoBlue diesel homologated CO_2 emissions 179-296 g/km WLTP, homologated fuel efficiency 6.8-11.3 l/100 km WLTP.

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BATTERY AND CHARGING

	E-Tourneo Custom		Tourneo Custom Plug-In Hybrid	
Useable capacity (kWh)	64		11.8	
Battery configuration	276 cells, NCM Li-ion		96 cells, NCM Li-ion	
Charge performance [4]	DC fast charge up to 125 kW 10-80 per cent (DC 125 kW) 10-100 per cent (11 kW) 10-100 per cent (7.4 kW)	 Approx. 39 minutes Approx. 6.7 hours Approx 10.1 hours	10-100 per cent (3.6 kW)	Approx. 3.9 hours
Charging cable	Five-metre Mode 3 32A		Five-metre Mode 3 16A	
Pro Power Onboard [5]	2.3 kW, optional			

STEERING

Type	Rack and pinion, electric power assistance, adjustable in reach and rake
Ratio	15.7:1
Kerb-to-kerb turning circle (m) (L1/L2)	10.9/12.1

SUSPENSION

Front configuration	Independent MacPherson strut, variable-rate coil spring, anti-roll bar
Front shock absorbers	Gas-pressurised
Rear configuration	Independent semi-trailing arm
Rear shock absorbers	Gas-pressurised

BRAKES

Front type	Sliding outboard top hat disc
Front rotor diameter (mm) (outer/inner)	308/187
Front caliper	Single piston, 63.5 mm
Rear type	Sliding outboard top hat disc
Rear rotor diameter (mm) (outer/inner)	304/199
Rear caliper	Single piston, 48 mm
Parking brake	Electronic, push-button control

SAFETY AND CONTROL

Stability control [6]	Anti-Lock Braking System (ABS), Electronic Stability Control (ESC), Roll Stability Control (RSC), Traction Control System (TCS)		
Airbags	Front – driver, passenger (roof-mounted)		
Chassis safety	Tyre Pressure Monitoring System (TPMS)		
Drive modes [6]	E-Tourneo Custom	Tourneo Custom Plug-In Hybrid	Tourneo Custom EcoBlue diesel
	Normal, Eco, Sport	EV Now, EV Later, EV Auto, EV Charge	Normal, Eco, Sport, Slippery, Tow/Haul

DRIVER ASSISTANCE [6]

Standard	Adjustable Speed Limiter, Cruise Control, Driver Alert, Intersection Assist 2.2, Intelligent Speed Assist, Lane Keeping System, Pre-Collision Assist, Rear Parking Aid, Traffic Sign Recognition, Wrong Way Alert
Available	Blind Spot Information System with Lane Change Warning & Aid, Cross-Traffic Alert, Digital Rear View Camera, Exit Warning, Front Parking Aid, Intelligent Adaptive Cruise Control with Stop & Go, Reverse Brake Assist

WHEELS

Series	Standard fitment
Trend	16-inch alloy wheels
Active	17-inch Y-spoke Active alloy wheels
Sport	17-inch directional-spoke Sport alloy wheels
Titanium	17-inch twin-spoke alloy wheels
Titanium X	19-inch multi-spoke alloy wheels

[4] Figures given are based on E-Tourneo Custom and Tourneo Custom Plug-In Hybrid. Actual charge times and charging speeds will vary according to the type of home or public charging station used, as well as other factors (including weather, ambient temperature, driving behaviour, driving profile, vehicle condition, lithium-ion battery age, condition, and temperature).
[5] See Owner's Manual for important operating instructions.
[6] Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving. See Owner's Manual for details and limitations.

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SAMPLE VEHICLE TEST SPECIFICATIONS

E-TOURNEO CUSTOM L1 TITANIUM X		
Performance	Power (kW)	160
	Max driving range (km) [1]	298
Weights	Kerb weight (kg)	2,589
	GVM (kg)	3,315
	Max towing weight (kg) [7]	2,000

TOURNEO CUSTOM PLUG-IN HYBRID L2 ACTIVE		
Performance	Power (PS)	233
	Efficiency [2]	1.9 l/100 km, 44 g/km, 49 km EV range
Weights	Kerb weight (kg)	2,488
	GVM (kg)	3,300
	Max towing weight (kg) [7]	1,850

TOURNEO CUSTOM ECOBLUE L2 TITANIUM		
Performance	Power (PS)	170
	Efficiency [3]	8.1 l/100 km, 213 g/km
Weights	Kerb weight (kg)	2,353
	GVM (kg)	3,225
	Max towing weight (kg) [7]	2,500

DIMENSIONS

		L1	L2
Exterior	Overall length (mm)	5,050	5,450
	Overall width (mm) (with/without mirrors)	2,275/2,032	
	Overall height (mm)	1,959-2,017	
	Wheelbase (mm)	3,100	3,500
	Ground clearance (mm)	140	
Interior	Front headroom (mm)	1,016	
	Front legroom (mm)	1,027	
	Front row shoulder room (mm)	1,614	
	Second row headroom (mm)	1,091	
	Second row legroom (mm)	1,001	
	Second row shoulder room (mm)	1,693	
	Third row headroom (mm)	985	
	Third row legroom (mm)	790	800
	Third row shoulder room (mm)	1,612	
	Max luggage volume (litres) (behind first/second/third row)	4,640/2,547/1,152	5,908/3,474/1,534

SERVICING

	E-Tourneo Custom	Tourneo Custom PHEV	Tourneo Custom
Service interval	2yr/unlimited km	2yr/40k km	2yr/40k km

[7] Max towing varies based on cargo, vehicle configuration, accessories and number of passengers.

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