



# TECHNICAL SPECIFICATIONS

## FORD FIESTA SPECIFICATIONS

### PERFORMANCE AND ECONOMY

Engine	Power (PS)	CO <sub>2</sub> (g/km)	Fuel consumption l/100 km (mpg)			Performance		
			Urban	Extra Urban	Combined	Max speed kph (mph)	0-100 kph 0-62 mph (sec)	50-100 kph 31-62 mph (sec)**
1.0 Ti-VCT (5-sp manual)	65	105*	5.8 (48.7)*	3.8 (74.3)*	4.6 (61.4)*	155 (96)	16.8	18.4
1.0 Ti-VCT (5-sp manual) s/s	65	99*	5.1 (55.4)*	3.8 (74.3)*	4.3 (65.7)*	155 (96)	16.8	18.4
1.0 Ti-VCT (5-sp manual)	80	105*	5.8 (48.7)*	3.8 (74.3)*	4.6 (61.4)*	165 (102)	14.9	17.9
1.0 Ti-VCT (5-sp manual) s/s	80	99*	5.1 (55.4)*	3.8 (74.3)*	4.3 (65.7)*	165 (102)	14.9	17.9
1.0 EcoBoost (5-sp manual)	100	105	5.9 (47.9)	3.7 (76.3)	4.5 (62.8)	180 (112)	11.2	14.7
1.0 EcoBoost (5-sp manual) s/s	100	99	5.3 (53.3)	3.7 (76.3)	4.3 (65.7)	180 (112)	11.2	14.7
1.0 EcoBoost 6-sp Powershift	100	114	6.6 (42.8)*	3.9 (72.4)*	4.9 (57.6)*	180 (112)	10.8	N/A
1.0 EcoBoost (5-sp manual) s/s	125	99	5.3 (53.3)	3.7 (76.3)	4.3 (65.7)	196 (122)	9.4	12.2
1.25 Duratec (5-sp manual)	60	120	6.8 (41.5)	4.2 (67.2)	5.2 (54.3)	152 (94)	16.9	17.9
1.25 Duratec (5-sp manual)	82	120	6.8 (41.5)	4.2 (67.2)	5.2 (54.3)	168 (104)	13.3	17.6
1.4 Duratec (5-sp manual)	96	130	7.6 (37.2)	4.5 (62.8)	5.7 (49.5)	175 (109)	12.2	16.2
1.4 Duratec LPG (5-sp manual)‡	92	114	9.5 (29.7)	5.8 (48.7)	7.2 (39.2)	175 (109)	12.2	N/A
1.6 Ti-VCT (6-sp Powershift)	105	138	8.4 (33.6)	4.5 (62.8)	5.9 (47.9)	184 (114)	10.5	N/A
1.5 Duratorq TDCi (5-sp manual)	75	98	4.4 (64.2)	3.3 (85.6)	3.7 (76.3)	167 (104)	13.5	13.3
1.6 Duratorq TDCi (5-sp manual)	95	95	4.4 (64.2)	3.2 (88.3)	3.6 (78.5)	181 (112)	11.7	11.4
1.6 Duratorq TDCi EOnetic Technology (5-sp manual)	95	87	3.8 (74.3)	3.1 (91.1)	3.3 (85.6)	178 (111)	12.9	12.7

\* Preliminary data

\*\* In 4th gear

‡ Available only in selected markets

## **WEIGHTS AND DIMENSIONS**

### **Weights**

	<b>Kerb weight (kg)<sup>#</sup> 3-dr/5-dr</b>	<b>Gross Vehicle Mass (kg) 3-dr/5-dr</b>	<b>Gross Train Mass (kg) 3-dr/5-dr</b>	<b>Max. Towable Mass (braked) (kg) 3-dr/5-dr</b>	<b>Max. Towable Mass (unbraked) (kg) 3-dr/5-dr</b>
1.0 Ti-VCT (5-sp manual) 65 PS	1045/1055	1525/1530	2175/2180	650/650	520/525
1.0 Ti-VCT (5-sp manual) s/s 65 PS	1045/1055	1525/1530	2175/2180	650/650	520/525
1.0 Ti-VCT (5-sp manual) 80 PS	1045/1055	1525/1530	2175/2180	650/650	520/525
1.0 Ti-VCT (5-sp manual) s/s 80 PS	1045/1055	1525/1530	2175/2180	650/650	520/525
1.0 EcoBoost (5-sp manual) 100 PS	1091/1101	1550/1555	2450/2455	900/900	545/550
1.0 EcoBoost (5-sp manual) s/s 100 PS	1091/1101	1550/1555	2450/2455	900/900	545/550
1.0 EcoBoost 6-sp Powershift 100 PS	1112/1122	1570/1575	2470/2475	900/900	555/560
1.0 EcoBoost (5-sp manual) s/s 125 PS	1091/1101	1550/1555	2450/2455	900/900	545/550
1.25 Duratec (5-sp manual) 60 PS	1045/1055	1525/1530	2025/2030	500/500	500/500
1.25 Duratec (5-sp manual) 82 PS	1045/1055	1525/1530	2125/2130	600/600	520/525
1.4 Duratec (5-sp manual) 96 PS	1044/1054	1525/1530	2325/2330	800/800	520/525
1.4 Duratec LPG (5-sp manual) 92 PS <sup>‡</sup>	1044/1054	1525/1530	2325/2330	800/800	520/525
1.6 Ti-VCT (6-sp Powershift) 105 PS	1089/1098	1560/1565	2210/2215	650/650	540/545
1.5 Duratorq TDCi (5-sp manual) 75 PS	1108/1118	1570/1575	2320/2325	750/750	/555
1.6 Duratorq TDCi (5-sp manual) 95 PS	1108/1117	1570/1575	2320/2325	750/750	550/555
1.6 Duratorq TDCi ECOnetic Technology (5-sp manual) 95 PS	1108/1117	1560/1565	N/A	N/A	N/A

<sup>‡</sup> Available only in selected markets

<sup>#</sup> Represents the lightest kerbweight assuming driver at 75 kg, full fluid levels and 90% fuel levels, subject to manufacturing tolerances and options, etc., fitted.

Towing limits quoted represent the maximum towing ability of the vehicle at its Gross Vehicle Mass to restart on a 12 per cent gradient at sea level. The performance and economy of all models will be reduced when used for towing. Nose weight limit is a maximum of 50 kg on all models. Gross Train Mass includes trailer weight

## Dimensions

Dimensions (mm)	5-dr	3-dr
<b>Exterior</b>		
Overall length	3969	3969
Overall width with/without mirrors	1978/1722	1978/1709
Overall width with folded back mirrors	1764	1764
Overall height	1495	1495
Wheelbase	2489	2489
<b>Interior</b>		
Front headroom	991	991
Front max legroom (lowest rearmost seating posn)	1111	1111
Front shoulder room	1350	1350
Rear headroom	953	953
Rear legroom	823	823
Rear shoulder room	1297	1300
<b>Luggage capacity (litres)<sup>‡</sup></b>		
5-seat mode, laden to package tray (with mini spare)	276	276
5-seat mode, laden to package tray (with tyre repair kit)	290	290
2-seat mode, laden to roof (with mini spare)	960	960
2-seat mode, laden to roof (with tyre repair kit)	974	974
<b>Fuel tank capacity (litres)</b>		
Petrol/Diesel	42/40.5	42/40.5

‡ Measured in accordance with ISO 3832. Dimensions may vary dependent on the model and equipment fitted.

## Aerodynamics

	Fiesta 3-dr	Fiesta 5-dr	Fiesta ECONetic Technology 3- and 5-dr
Drag coefficient	CD = 0.328	CD = 0.328	CD = 0.318

\* Preliminary data

## **PETROL ENGINES**

		<b>1.0-litre Ti-VCT (65PS) manual</b>	<b>1.0-litre Ti-VCT (80PS) manual</b>
Type		Inline three cylinder petrol, direct fuel injection and Ti-VCT, transverse	Inline three cylinder petrol, direct fuel injection and Ti-VCT, transverse
Displacement	cm <sup>3</sup>	999	999
Bore	mm	71.9	71.9
Stroke	mm	82.0	82.0
Compression ratio		12.0:1	12.0:1
Max power	PS (kW)	65 (48)	80 (59)
	at rpm	6300	6300
Max torque	Nm	105	105
	at rpm	4100	4100
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	3 in line
Cylinder head		Cast aluminium	Cast aluminium
Cylinder block		Cast iron	Cast iron
Camshaft drive		Low friction Belt-in-Oil with dynamic tensioner	Low friction Belt-in-Oil with dynamic tensioner
Crankshaft		Cast iron, 6 counterweights, 4 main bearings	Cast iron, 6 counterweights, 4 main bearings
Engine management		Bosch MED17	Bosch MED17
Fuel injection		Central Direct Fuel Injection	Central Direct Fuel Injection
Emission level		Euro Stage 5	Euro Stage 5
Turbocharger		N/A	N/A
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	Split cooling system with 2 thermostats
System capacity incl heater	litres	5.5	5.5
Transmission		Durashift 5-speed (iB5) manual	Durashift 5-speed (iB5) manual
Gear ratios			
		5th 0.756	5th 0.756
		4th 0.951	4th 0.951
		3rd 1.281	3rd 1.281
		2nd 1.926	2nd 1.926
		1st 3.583	1st 3.583
		Reverse 3.615	Reverse 3.615
		Final Drive 4.56	Final Drive 4.56

		<b>1.0-litre EcoBoost (100, 125PS) manual</b>		<b>1.0-litre EcoBoost (100PS) Powershift</b>
Type		Inline three cylinder turbo petrol, direct fuel injection and Ti-VCT, transverse		Inline three cylinder turbo petrol, direct fuel injection and Ti-VCT, transverse
Displacement	cm <sup>3</sup>	999		999
Bore	mm	71.9		71.9
Stroke	mm	82.0		82.0
Compression ratio		10.0:1		10.0:1
Max power	PS (kW)	100 (74)	125 (92)	100 (74)
	at rpm	6000	6000	6000
Max torque	Nm	170	170 (200 with transient overboost)	170
	at rpm	1400-4000	1400-4500	1400-4000
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		3 in line
Cylinder head		Cast aluminium		Cast aluminium
Cylinder block		Cast iron		Cast iron
Camshaft drive		Low friction Belt-in-Oil with dynamic tensioner		Low friction Belt-in-Oil with dynamic tensioner
Crankshaft		Cast iron, 6 counterweights, 4 main bearings		Cast iron, 6 counterweights, 4 main bearings
Engine management		Bosch MED17 with CAN-Bus and individual cylinder knock control. Bosch Software		Bosch MED17 with CAN-Bus and individual cylinder knock control. FGEC Software
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		Continental 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		Split cooling system with 2 thermostats
System capacity incl heater	litres	5.5		5.5
Transmission		Durashift 5-speed (iB5) manual		Powershift 6-speed dual clutch (DPS6) auto
Gear ratios		5th 0.689 4th 0.878 3rd 1.206 2nd 1.926 1st 3.583 Reverse 3.615 Final Drive 3.61		N/A

		<b>1.25-litre Duratec (60, 82PS) manual</b>		<b>1.4-litre Duratec (92<sup>z</sup>, 96PS) manual</b>	
Type		Inline four cylinder naturally aspirated petrol, port fuel injection, transverse		Inline four cylinder naturally aspirated petrol, port fuel injection, transverse	
Displacement	cm <sup>3</sup>	1241		1387	
Bore	mm	71.9		76.0	
Stroke	mm	76.4		76.4.0	
Compression ratio		11.0:1		11.0:1	
Max power	PS (kW)	60 (44)	82 (60)	92 (68)	96 (71)
	at rpm	6000	5800	5500	5750
Max torque	Nm	109	114	128	
	at rpm	3600	4200	4200	
Valve gear		DOHC with 4 valves per cylinder		DOHC with 4 valves per cylinder	
Cylinders		4 in line		4 in line	
Cylinder head		Cast aluminium		Cast aluminium	
Cylinder block		Cast aluminium		Cast aluminium	
Camshaft drive		Belt driven cams with primary drive tensioner		Belt driven cams with primary drive tensioner	
Crankshaft		Cast iron, 4 counterweights, 5 main bearings		Cast iron, 4 counterweights, 5 main bearings	
Engine management		N/A		N/A	
Fuel injection		Low pressure port fuel injection		Low pressure port fuel injection	
Emission level		Euro Stage 5		Euro Stage 5	
Turbocharger		N/A		N/A	
Lubrication system		Crankshaft nose driven G-rotor oil pump		Crankshaft nose driven G-rotor oil pump	
System capacity with filter	litres	4.4		4.4	
Cooling system		Block mounted centrifugal mechanical water pump and mechanical thermostat. Head mounted water outlet connector with ECT sensor.		Block mounted centrifugal mechanical water pump and mechanical thermostat. Head mounted water outlet connector with ECT sensor.	
System capacity incl heater	litres	N/A		N/A	
Transmission		Durashift 5-speed (iB5) manual		Durashift 5-speed (iB5) manual	
Gear ratios					
		5 <sup>th</sup> 0.756 4 <sup>th</sup> 0.951 3 <sup>rd</sup> 1.281 2 <sup>nd</sup> 1.926 1 <sup>st</sup> 3.583 Reverse 3.615 Final Drive 4.06		5 <sup>th</sup> 0.756 4 <sup>th</sup> 0.951 3 <sup>rd</sup> 1.281 2 <sup>nd</sup> 1.926 1 <sup>st</sup> 3.583 Reverse 3.615 Final Drive 4.06	

<b>1.6-litre Duratec Ti-VCT (105PS) Powershift</b>		
Type		Inline four cylinder petrol with Ti-VCT, transverse
Displacement	cm <sup>3</sup>	1597
Bore	mm	79.0
Stroke	mm	81.4
Compression ratio		11.0:1
Max power	PS (kW)	105 (77)
	at rpm	6300
Max torque	Nm	150
	at rpm	4200-4500
Valve gear		DOHC with 4 valves per cylinder, twin independent variable cam timing
Cylinders		4 in line
Cylinder head		Cast aluminium
Cylinder block		Cast aluminium
Camshaft drive		Belt driven cams with primary drive tensioner. Variable cam timing on both inlet and exhaust cam pulleys.
Crankshaft		Cast iron, 4 counterweights, 5 main bearings
Engine management		N/A
Fuel injection		Low pressure port fuel injection
Emission level		Euro Stage 5
Turbocharger		N/A
Lubrication system		Crankshaft nose driven G-rotor oil pump
System capacity with filter	litres	4.6
Cooling system		Block mounted centrifugal mechanical water pump and mechanical thermostat. Head mounted water outlet connector with ECT sensor.
System capacity incl heater	litres	N/A
Transmission		Powershift 6-speed dual clutch (DPS6) auto
Gear ratios		
		N/A

≠ Available only in selected markets

## **DIESEL ENGINES**

		<b>1.5-litre Duratorq TDCi (75PS)</b>	<b>1.6-litre Duratorq TDCi (95PS)</b>
Type		Inline four cylinder turbo diesel, transverse	Inline four cylinder turbo diesel, transverse
Displacement	cm <sup>3</sup>	1498	1560
Bore	mm	73.5	75.0
Stroke	mm	88.3	88.3
Compression ratio		16.0:1	16.0:1
Max power	PS (kW)	75 (55)	95 (70)
	at rpm	3750	3800
Max torque	Nm	185	200
	at rpm	1750	1750
Valve gear		SOHC with 2 valves per cylinder	SOHC with 2 valves per cylinder
Cylinders		4 in line	4 in line
Cylinder head		Cast aluminium	Cast aluminium
Cylinder block		Cast Aluminium with cast iron cylinder liners	Cast Aluminium with cast iron cylinder liners
Camshaft drive		Timing belt	Timing belt
Crankshaft		Steel forging	Steel forging
Engine management		Bosch FDEC	Bosch FDEC
Fuel injection		High pressure common rail diesel injection system with 8 hole nano sac nozzle injectors	High pressure common rail diesel injection system with 8 hole nano sac nozzle injectors
Emission level		Euro Stage 5	Euro Stage 5
Turbocharger		Fixed geometry turbo	Fixed geometry turbo
Lubrication system		Variable flow oil pump direct driven from the timing belt for improved fuel economy	Variable flow oil pump direct driven from the timing belt for improved fuel economy
System capacity with filter	litres	4.6	4.6
Cooling system		External single tube with integral thermostat	External single tube with integral thermostat
System capacity	litres	2.5	2.5
Transmission		Durashift 5-speed (iB5) manual	Durashift 5-speed (iB5) manual
Gear ratios			
		5 <sup>th</sup> 0.689 4 <sup>th</sup> 0.878 3 <sup>rd</sup> 1.206 2 <sup>nd</sup> 1.926 1 <sup>st</sup> 3.583 Reverse 3.615 Final Drive 3.37	5 <sup>th</sup> 0.689 4 <sup>th</sup> 0.878 3 <sup>rd</sup> 1.206 2 <sup>nd</sup> 1.926 1 <sup>st</sup> 3.583 Reverse 3.615 Final Drive 3.37



		<b>1.6-litre Duratorq TDCi (95PS) ECOnetic Technology</b>
Type		Inline four cylinder turbo diesel, transverse
Displacement	cm <sup>3</sup>	1560
Bore	mm	75.0
Stroke	mm	88.3
Compression ratio		16.0:1
Max power	PS (kW)	95 (70)
	at rpm	3800
Max torque	Nm	200
	at rpm	1750
Valve gear		SOHC with 2 valves per cylinder
Cylinders		4 in line
Cylinder head		Cast aluminium
Cylinder block		Cast Aluminium with cast iron cylinder liners
Camshaft drive		Timing belt
Crankshaft		Steel forging
Engine management		Bosch FDEC
Fuel injection		High pressure common rail diesel injection system with 8 hole nano sac nozzle injectors
Emission level		Euro Stage 5
Turbocharger		Fixed geometry turbo
Lubrication system		Variable flow oil pump direct driven from the timing belt for improved fuel economy
System capacity with filter	litres	4.6
Cooling system		External single tube with integral thermostat
System capacity	litres	2.5
Transmission		Durashift 5-speed (iB5) manual
Gear ratios		
		5 <sup>th</sup> 0.689 4 <sup>th</sup> 0.878 3 <sup>rd</sup> 1.206 2 <sup>nd</sup> 1.926 1 <sup>st</sup> 3.583 Reverse 3.615 Final Drive 3.05

*Note: All fuel consumption and CO<sub>2</sub> emissions figures in g/km are from officially approved tests in accordance with EC Directive 93/116/EC. Fuel economy figures quoted are based on the European Fuel Economy Directive EU 80/1268/EEC and will differ from fuel economy drive cycle results in other regions of the world.*

*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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