FORD KUGA SPECIFICATIONS

ENGINES

Diesel

	1.5-litre TDCi (120 PS)	2.0-litre TDCi (150 PS)	2.0-litre TDCi (180 PS)
Type	Inline four-cylinder turbo diesel, transverse	Inline four-cylinder turbo diesel, transverse	Inline four-cylinder turbo diesel, transverse
Displacement cm^3	1499	1997	1997
Bore mm	73.5	85.0	85.0
Stroke mm	88.3	88.0	88.0
Compression ratio	16:1	16:1	16:1
Max power kW (PS)	88 (120)	110 (150)	132 (180)
at rpm	3600	3500	3500
Max torque Nm	270/300*	370	400
at rpm	1500 - 2000	2000 - 2500	2000 - 2500
Valve gear	SOHC with 2 valves per cylinder	DOHC with 4 valves per cylinder	DOHC with 4 valves per cylinder
Cylinders	4 in line	4 in line	4 in line
Camshaft drive	Timing belt (crankshaft to intake) with dynamic tensioner; Intake to exhaust chain with hydraulic tensioner	Belt-driven cams with primary drive tensioner	Belt-driven cams with primary drive tensioner
Crankshaft bearings	Steel, 8 counterweights, 5 main bearings	Steel, 8 counterweights, 5 main bearings	Steel, 8 counterweights, 5 main bearings
Engine management	Bosch	Delphi	Delphi
Fuel injection	Common-Rail direct injection, turbocharger	Common-Rail direct injection, turbocharger	Common-Rail direct injection, turbocharger
Emission control	Oxidation catalyst with water-cooled EGR and closed loop DPF	Oxidation catalyst with water-cooled EGR and closed loop DPF	Oxidation catalyst with water-cooled EGR and closed loop DPF
Emission level	Euro 6	Euro 6	Euro 6
Lubrication system	Pressure-fed lubrication system with full flow oil filter and oil cooler	Pressure-fed lubrication system with full flow oil filter and oil cooler	Pressure-fed lubrication system with full flow oil filter and oil cooler
Lubrication system capacity with filter L	4.6	5.7	5.7
Cooling system	Water pump with thermostat, valves and vent	Water pump with thermostat, valves and vent	Water pump with thermostat, valves and vent
Cooling system capacity, incl. heater L	8.5	8.5	8.5

*** with 6-speed PowerShift**

Petrol

		1.5-litre EcoBoost (120 PS)	1.5-litre EcoBoost (150 PS)	1.5-litre EcoBoost (182 PS)
Type		Inline four-cylinder turbo petrol, transverse	Inline four-cylinder turbo petrol, transverse	Inline four-cylinder turbo petrol, transverse
Displacement	**cm³**	1498	1498	1498
Bore	**mm**	79.0	79.0	79.0
Stroke	**mm**	76.4	76.4	76.4
Compression ratio		10.0:1	10.0:1	10.0:1
Max power	**kW (PS)**	88 (120)	110 (150)	134 (182)
	at rpm	5500	6000	6000
Max torque	**Nm**	240	240	240
	at rpm	1600 - 3000	1600 - 4000	1600 - 5000
Valve gear		DOHC with 4 valves per cylinder, twin independent variable cam timing	DOHC with 4 valves per cylinder, twin independent variable cam timing	DOHC with 4 valves per cylinder, twin independent variable cam timing
Cylinders		4 in-line	4 in-line	4 in-line
Camshaft drive		Low friction Belt-in-Oil with dynamic tensioner	Low friction Belt-in-Oil with dynamic tensioner	Low friction Belt-in-Oil with dynamic tensioner
Crankshaft bearings		Cast iron, 4 counterweights, 5 main bearings	Cast iron, 4 counterweights, 5 main bearings	Cast iron, 4 counterweights, 5 main bearings
Engine management		MED17 with CAN-Bus and individual cylinder knock control. FGEC Software	MED17 with CAN-Bus and individual cylinder knock control. FGEC Software	MED17 with CAN-Bus and individual cylinder knock control. FGEC Software
Fuel injection		Common Rail/Direct Injection	Common Rail/Direct Injection	Common Rail/Direct Injection
Emission level		Euro 6	Euro 6	Euro 6
Lubrication system		Electronically controlled variable displacement oil pump	Electronically controlled variable displacement oil pump	Electronically controlled variable displacement oil pump
Lubrication system capacity with filter	**L**	3.8	3.8	3.8
Cooling system		Water pump with thermostat, valves and vent	Water pump with thermostat, valves and vent	Water pump with thermostat, valves and vent
Cooling system capacity, including heater	**L**	6.3	6.3	6.3

DRIVE LINE

Drive options:	**AWD:** Electronically controlled Ford Intelligent All Wheel Drive with variable torque distribution
	FWD: Front-wheel drive
Transmission:	6-speed manual transmission 6-speed PowerShift automatic transmissio 6-speed torque converter automatic transmission

Ratios		**1.5-litre TDCi, FWD (120 PS) Manual**	**1.5-litre TDCi, FWD (120 PS) PowerShift**	**2.0-litre TDCi, FWD (150 PS) Manual**	**2.0-litre TDCi, AWD (150 PS) Manual**	**2.0-litre TDCi, AWD (150 PS) PowerShift**
	1. Gear	3.583	3.583	3.583	3.583	3.583
	2. Gear	1.864	1.952	1.864	1.864	1.952
	3. Gear	1.194	1.194	1.194	1.156	1.194
	4. Gear	0.868	0.829	0.868	0.816	0.829
	5. Gear	0.943	0.943	0.943	0.886	0.943
	6. Gear	0.789	0.756	0.789	0.737	0.756
	Reverse gear	1.423	4.843	1.423	1.423	4.843
	Final drive, 1 – 4 5, 6, R	4.063 2.995	4.533 3.091	4.063 2.995	4.533 3.238	4.533 3.091
Ratios		**2.0-litre TDCi, AWD (180 PS) Manual**	**2.0-litre TDCi, AWD (180 PS) PowerShift**	**1.5-litre, EcoBoost FWD (120 PS) Manual**	**1.5-litre EcoBoost FWD (150 PS) Manual**	**1.5-litre EcoBoost, AWD (182 PS) Auto**
	1. Gear	3.583	3.583	3.818	3.818	4.584
	2. Gear	1.864	1.952	2.150	2.150	2.964
	3. Gear	1.156	1.194	1.423	1.423	1.912
	4. Gear	0.816	0.829	1.029	1.029	1.446
	5. Gear	0.889	0.943	1.129	1.129	1.000
	6. Gear	0.737	0.756	0.943	0.943	0.746
	Reverse gear	1.423	4.843	5.433	1.423	2.943
	Final drive, 1 – 4 5, 6, R	4.533 3.238	4.533 3.091	4.063 2.955	4.063 2.955	3.51

BODY

BODY STRUCTURE	Computer-optimised, high-efficiency, unitary-welded steel body with plastic front wings incorporating rigid occupant cell and front and rear energy-absorbing crumple zones; direct-glazed windshield.
ANTI-CORROSION	Multi-stage paint and body protection process, including extensive pre-coating of zinc on steel panels, phosphate coat, electro coat primer, primer/surfacer, basecoat/clear coat topcoat system, comprehensive wax injection of cavities, PVC under body coating plus stone chip protection. Particular attention paid to sealing flanges with rust-inhibiting adhesive and thick PVC sealing beads. Front plastic wheel arch liners, rear textile wheel arch liners, plastic anti-scuff panels on rear load sill.

CHASSIS

Front axle:	Independent MacPherson struts with offset coil spring over gas filled damper units and lower L-Arms with optimised front rubber bushings and rear hydro-bush mounted on separate reinforced cross-member sub-frame, anti-roll bar. Dual path top mounts.
Rear axle:	Fully independent multi-link rear axle with control blade with large dampers and rebound springs. Anti-roll bar mounted to knuckle with double ball-joint link.
Steering:	Electric Power Assisted Steering (EPAS) as standard Turns lock-to-lock: 2.6

Turning circle:	11.1m	
Braking:	Dual circuit, diagonally split, hydraulically operated front and rear with disc brakes. Vacuum servo assisted with electronically controlled four-channel brake distribution ABS and optimised brake assist, ESP with Ford Trailer Sway Control and Rollover mitigation offered	
Dimensions:	Front discs (ventilated):	300mm x 25mm 320mm x 25mm
	Rear discs (solid):	280mm x 11mm

WHEELS & TYRES

	Wheels	**Tyres**
Standard	7.5 J x 18-inch alloy	235/50 R18
Optional	8 J x 19-inch alloy	235/40 RF19
Spare wheel	17-inch with T155/70 R17 tyre (optional; instant mobility kit as standard)	

DIMENSIONS

		Kuga	**Kuga Vignale and ST-Line**
Overall length	**mm**	4531	4541
Overall width with mirrors	**mm**	2086	2086
Overall width without mirrors	**mm**	1838	1856
Overall width with mirrors folded	**mm**	1911	1911
Overall height with roof rails	**mm**	1703/1694*	1703/1694*
Wheelbase	**mm**	2690	2690
Track front	**mm**	1573/1570*	1571
Track rear	**mm**	1583	1583
Shoulder room first row	**mm**	1421	1418
Shoulder room second row	**mm**	1398	1398
Headroom with sunroof first row	**mm**	973	973
Headroom without sunroof first row		1013	1013

Headroom with sunroof second row	**mm**	950	950
Headroom without sunroof second row		990	990
Legroom first row	**mm**	1096	1096
Legroom second row	**mm**	934	934
Cargo volume behind first row (2-seat mode; laden to roof) with full size spare wheel (if applicable)	**L**	1603	1603
Closed cargo compartment second row (under cargo shade) with mini spare wheel (if applicable)	**L**	456	456
Loading length at floor to first row	**mm**	1696	1696
Loading length at floor to second row with adjustable load floor min/max	**mm**	844/871	844/871
Load width between wheel arches	**mm**	1031	1031
Load opening width at floor	**mm**	1081	1081
Load opening height (at vehicle centreline)	**mm**	809	809
Cargo Height (at rear wheel centerline) with adjustable load floor min/max	**mm**	895/1002	895/1002
Lift-over Height (curb) with adjustable load floor min/max	**mm**	719/721*	721/707*

***With Ford Intelligent All Wheel Drive**

WEIGHTS

	Kerb weight (kg)#	**Gross Vehicle Mass (kg)**	**Gross Train Mass (kg)**	**Max. Towable Mass (braked) (kg)**	**Max. Towable Mass (unbraked) (kg)**	**Max. Roof Load (kg)**
1.5l TDCi (120 PS) 6-speed manual FWD	1591	2100	3300	1200	750	75
1.5l TDCi (120 PS) 6-speed PowerShift FWD	1605	2100	3300	1200	750	75
2.0l TDCi (150 PS) 6-speed manual FWD	1614	2250	4150	1900	750	75
2.0l TDCi (150 PS) 6-speed manual AWD	1702	2250	4350	2100	750	75
2.0l TDCi (150 PS) 6-speed PowerShift AWD	1716	2230	4330	2100	750	75
2.0l TDCi (180 PS) 6-speed manual AWD	1702	2250	4350	2100	750	75
2.0l TDCi (180 PS) 6-speed PowerShift AWD	1716	2230	4330	2100	750	75
1.5l EcoBoost (120 PS) 6-speed manual FWD	1579	2100	3900	1800	750	75

1.5l EcoBoost (150 PS) 6-speed manual FWD	1579	2100	4100	2000	750	75
1.5l EcoBoost (182 PS) 6-speed auto AWD	1686	2200	4050	1850	750	75

Represents the lightest kerb weight 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

PERFORMANCE, FUEL ECONOMY, EMISSIONS

	Power	**Max speed**	**0-100 km/h 0-62 mph** Ø	**50-100 km/h 31-62 mph** Ø*	**Fuel consumption l/100 km (mpg)** ØØ			**CO_2**
	PS	**km/h (mph)**	**sec**	**sec**	**Urban**	**Extra Urban**	**Comb.**	**g/km**
1.5l TDCi, FWD 6-speed manual	120	173 (107)	12.7	10.9	4.8 (58.8)	4.2 (67.2)	4.4 (64.2)	115
1.5l TDCi, FWD 6-speed PowerShift	120	171 (106)	12.4	N/A	5.1 (55.4)	4.6 (61.4)	4.8 (58.8)	124
2.0l TDCi, FWD 6-speed manual	150	194 (121)	10.1	9.1	5.4 (52.2)	4.3 (65.7)	4.7 (60.1)	122
2.0l TDCi, AWD 6-speed manual	150	192 (119)	9.9	9.3	6.0 (47.1)	4.7 (60.1)	5.2 (54.3)	135
2.0l TDCi, AWD 6-speed PowerShift	150	190 (118)	10.9	N/A	5.5 (51.4)	4.9 (57.6)	5. 2 (54.3)	134
2.0l TDCi, AWD 6-speed manual	180	202 (126)	9.2	8.1	6.0 (47.1)	4.7 (60.1)	5.2 (54.3)	135
2.0l TDCi, AWD 6-speed PowerShift	180	200 (124)	10.0	N/A	5.5 (51.4)	4.9 (57.6)	5.2 (54.3)	134
1.5l EcoBoost, FWD 6-speed manual	120	180 (112)	12.5	?	7.9 (35.7)	5.4 (52.3)	6.3 (44.8)	145
1.5l EcoBoost, FWD 6-speed manual	150	195 (121)	9.7	9.7	7.9 (35.7)	5.4 (52.3)	6.3 (44.8)	145
1.5l EcoBoost, AWD 6-speed auto	182	200 (124)	10.1	N/A	9.4 (30.0)	6.3 (44.8)	7.5 (37.7)	173

* In 4th gear. ØFord test figures. ØØ The declared Fuel/Energy Consumptions, CO_2 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_2 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_2 emissions and electric range. CO_2 is the main greenhouse gas responsible for global warming.

SAFETY AND SECURITY

SECURITY	Standard electronic immobiliser CGEA 1.1 PATS; remote controlled central locking system including trunk lid. Remote controlled double locking system and CAT1 alarm as option. Key-Free system available as option (Keyless Start is standard).
SAFETY	Front air bags (driver, passenger, and driver knee), pelvis and thorax side air bags, full-length inflatable side curtains. Crash Sensing system with front crash sensor and side crash pressure sensors, pyrotechnic pretensioner and load-limiting retractor for driver and front passenger safety belts, collapsible pedals, ABS with mechanical brake assist and ESP. Titanium spec models offer Ford Stability Control features including Roll Stability Control and Curve Control. Rigid occupant protection cell and energy-absorbing crumple zones. Three-point automatic safety belts are available on all seats and 4-way adjustable headrests are standard on all front seats. ISOFIX brackets are available for the two outer backseats.

Note: This information was correct at the time of going to print. However, Ford policy is one of continuous product development. The right is reserved to change these details at any time.

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About Ford Motor Company
Ford Motor Company is a global automotive and mobility company based in Dearborn, Michigan. With about 203,000 employees and 67 plants worldwide, the company's core business includes designing, manufacturing, marketing and servicing a full line of Ford cars, trucks and SUVs, as well as Lincoln luxury vehicles. To expand its business model, Ford is aggressively pursuing emerging opportunities with investments in electrification, autonomy and mobility. Ford provides financial services through Ford Motor Credit Company. For more information regarding Ford and its products and services, please visit www.corporate.ford.com.

***Ford of Europe** is responsible for producing, selling and servicing Ford brand vehicles in 50 individual markets and employs approximately 53,000 employees at its wholly owned facilities and approximately 68,000 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 (16 wholly owned or consolidated joint venture facilities and 8 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: Jeremy Schofield
Ford of Europe
+49 221 903 0395
jschof14@ford.com