**2024 Ford KUGA Specifications**

**Performance and Economy**

|  |  |  |  |
| --- | --- | --- | --- |
| **Kuga** |  | **Fuel consumption** **l/100 km WLTP 1** | **Performance** |
| **Engine** | **PowerPS** | **CO2(g/km) 1** | **Combined** | **Max Speed****(km/h)** | **0-100 km/h****0-62 mph****(sec)** | **50-100 km/h****31-62 mph****(sec) 2** |
| 1.5-litre EcoBoost FWD (6-speed manual) | 150 | 144-163 | 6.3-7.2 | 195 | 9.5 | 9.5 |
| 2.5-litre Petrol Hybrid FWD | 180 | 121-143 | 5.3-6.2 | 196 | 9.1 | N/A |
| 2.5-litre Petrol Hybrid AWD | 183 | 130-146 | 5.7-6.4 | 196 | 8.3 | N/A |
| 2.5-litre PetrolPlug-In Hybrid FWD | 243 | 20-28 | 0.9-1.2 | 200 | 7.3 | N/A  |
| Equivalent all-electric range overall WLTP | 60-69 km |
| Equivalent all-electric range city WLTP | 88 km |

1 CO2 emission and fuel efficiency ranges may vary according to vehicle variants offered by individual markets.

The declared WLTP fuel/energy consumptions, CO2-emissions and electric range are determined according to the technical requirements and specifications of the European Regulations (EC) 715/2007 and (EU) 2017/1151 as last amended. The applied standard test procedures enable comparison between different vehicle types and different manufacturers.

2 In 4th gear

**WEIGHTS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Kerb****weight (kg) 3** | **Gross Vehicle Mass(kg)** | **Gross Train Mass (kg)** | **Max. Towable Mass (braked) (kg) 4** | **Max. Towable Mass (unbraked) (kg) 4** | **Max. Roof Load****(kg)** |
| 1.5-litre EcoBoost FWD (150 PS)  | 1526 | 2075 | 3805 | 1730 | 750 | 75 |
| 2.5-litre Petrol Hybrid FWD (180 PS)  | 1689 | 2230 | 3830 | 1600 | 750 | 75 |
| 2.5-litre Petrol Hybrid AWD (183 PS) | 1765 | 2315 | 4415 | 2100 | 750 | 75 |
| 2.5-litre Petrol Plug-In Hybrid FWD (243 PS) | 1859  | 2400 | 4500 | 2100 | 750 | 75 |

**3** Represents the lightest kerbweight assuming driver at 75 kg, full fluid levels and 90 per cent fuel levels, subject to manufacturing tolerances and options, etc., fitted. Weights represent base model specification without panoramic glass roof.

4 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. Gross Train Mass includes trailer weight. Max towing varies based on cargo, vehicle configuration, accessories and number of passengers.

**DIMENSIONS** 5

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Kuga Titanium**  | **Kuga ST-Line**  | **Kuga Active**  |
| Overall length | **mm** | 4604 | 4615 | 4645 |
| Overall width with mirrors | **mm** | 2177 | 2177 | 2177 |
| Overall width without mirrors | **mm** | 1882 | 1882 | 1882 |
| Overall width with mirrors folded | **mm** | 2000 | 2000 | 2000 |
| Overall height (maximum) | **mm** | 1679 | 1651 | 1683 |
| Wheelbase | **mm** | 2711 | 2711 | 2711 |
| Track front | **mm** | 1599 | 1599 | 1599 |
| Track rear | **mm** | 1590 | 1590 | 1590 |
| Approach angle | **deg** | 20.0 | 18.4 | 20.0 |
| Departure angle | **deg** | 24.7 | 23.5 | 24.7 |
| Minimum running ground clearance - kerb | **mm** | 166-174 | 152-176 | 168-191 |
| Ground clearance at maximum load | **mm** | 143-160 | 129-159 | 144-171 |
| **Interior First Row** |  |  |  |  |
| Headroom without sunroof  | **mm** | 1021 | 1021 | 1021 |
| Headroom with sunroof  | **mm** | 985 | 985 | 985 |
| Legroom | **mm** | 1076 | 1076 | 1076 |
| Shoulder room | **mm** | 1464 | 1464 | 1464 |
| Hip room | **mm** | 1405 | 1405 | 1405 |
| **Interior Second Row** |  |  |  |  |
| Headroom without sunroof  | **mm** | 998 | 998 | 998 |
| Headroom with sunroof | **mm** | 980 | 980 | 980 |
| Nominal leg room | **mm** | 986 | 986 | 986 |
| Maximum leg room | **mm** | 1035 | 1035 | 1035 |
| Shoulder room  | **mm** | 1423 | 1423 | 1423 |
| Hip room | **mm** | 1352 | 1352 | 1352 |
| Cargo Compartment |  |  |  |  |
| Lift in height | **mm** | 713-722 | 704-717 | 714-726 |
| Cargo height | **mm** | 885 | 885 | 885 |
| Rear opening height | **mm** | 773 | 773 | 773 |
| Loading length at floor to first row | **mm** | 1688 | 1688 | 1688 |
| Load width between wheel arches | **mm** | 1051 | 1051 | 1051 |
| Load opening width at floor | **mm** | 1071 | 1071 | 1071 |
| **Luggage capacity** 6 |  |  |  |  |
| Cargo volume behind first row (2-seat mode; laden to roof) with tyre repair kit 7 | **litres** | 1534 | 1534 | 1534 |
| Cargo length at floor behind second row with tyre repair kit | **mm** | 865-1017 | 865-1017 | 865-1017 |
| Closed cargo compartment second row (under cargo shade) with tyre repair kit (min-max depending on sliding second row position) | **litres** | 412-553 | 412-553 | 412-553 |

5 Front-wheel drive with 17- to 20-inch wheels

6 Cargo and load capacity limited by weight and weight distribution.

7 V214-1. Dimensions may vary dependent on the model and equipment fitted.

**DRIVER ASSISTANCE TECHNOLOGIES** 8, 9

|  |
| --- |
| Active Park Assist 2  |
| Adaptive Cruise Control with Stop & Go, Speed Sign Recognition, Lane Centring and Predictive Speed Assist |
| Auto High Beam Control |
| Auto lighting |
| Blind Spot Information System (BLIS) with Trailer Tow |
| Cross Traffic Alert with Active Braking |
| Distance Indication |
| Driver Alert  |
| Dynamic Pixel LED headlights with Adaptive Front Lighting |
| Emergency Brake Assist |
| Evasive Steering Assist |
| Forward Collision Warning with Brake Support |
| Front and Rear Park Aid |
| Front wide-view camera |
| Glare-Free High Beam |
| Hill Start Assist  |
| Intelligent Speed Assist |
| Intersection Assist |
| Lane Keeping Aid with Lane Departure Warning |
| Local Hazard Information |
| Post-Collision Braking |
| Pre-Collision Assist with Active Braking |
| Rain-sensing wipers |
| Rear wide-view camera |
| Rear Occupant Alert |
| Reverse Brake Assist |
| Selectable Drive Modes |
| Surround View Camera System |
| Traffic Sign Recognition  |
| Trailer Tow Navigation |
| Wrong Way Alert |

**COMFORT AND CONVENIENCE** 8, 9

|  |
| --- |
| 12.3-inch LCD instrument cluster  |
| Wireless Apple CarPlay and Android Auto |
| B&O Sound System |
| FordPass 5G modem |
| Hands-free tailgate |
| Head-up display |
| Openable panoramic roof |
| Retractable tow bar |
| SYNC 4 with 13.2-inch touchscreen |
| Wireless charging pad |

8 Feature availability dependent on vehicle specification

9 Driver-assist features are supplemental to and do not replace the driver’s attention, judgement and need to control the vehicle

**STEERING**

|  |  |
| --- | --- |
| System  | Column-mounted electric power-assisted steering, mechanical steering gear |
| Ratio | 13.75:1 |
| Turning circle (m) kerb-to-kerb | 11.38 |

**CHASSIS**

|  |  |
| --- | --- |
| Front suspension | Independent MacPherson struts, L-shaped lower control arm, steering gear and hollow stabilizer bar mounted on subframe |
| Rear suspension | Isolated subframe for the Short Long Arm (SLA) independent (AWD) twist-beam rear axle (FWD) suspension, multi-compound bushes with different stiffness characteristics separating the subframe from the body structure, springs located below floor, hollow stabilizer |

**BRAKES**

|  |  |  |
| --- | --- | --- |
|  | **Front** | **Rear** |
| Braking | Hydraulically operated dual-circuit system with diagonal distribution. Vented front discs. Solid rear discs with Electric Park Brake system (EPB). Electronic four-channel anti-lock braking system (ABS) with electronic brake-force distribution (EBD). Electronic brake booster on hybrid powertrains and for selected driver assistance technologies. Electronic stability control system (ESC), including roll stability control (RSC) and trailer sway control (TSC). |
| Disc dimensions (mm) | Ø308 x 27Ø330 x 27 | Ø302 x 11 |
| Piston dimensions (mm)  | Ø572 x Ø44 | Ø36 (iEPB) |

**WHEELS & TYRES**

|  |
| --- |
| 7 x 17-inch with 225/65 R17 |
| 7.5 x 18-inch with 225/60 R18 |
| 7.5 x 19-inch with 225/55 R19 |
| 8.0 x 20-inch with 245/45 R20 |

**PETROL ENGINES**

|  |  |  |
| --- | --- | --- |
|  |  | **1.5-litre EcoBoost (150 PS)**  |
| Type |  | In-line three-cylinder turbo petrol, Ti-VCT, transverse |
| Displacement | cm3 | 1497 |
| Bore | mm | 84.0 |
| Stroke | mm | 90.0 |
| Compression ratio |  | 11.0:1 |
| Max power | PS (kW) | 150 (110) |
| at rpm | 6000 |
| Max torque steady state | Nm | 240 |
| at rpm | 1600-4000 |
| Valve gear |  | DOHC with 4 valves per cylinder, twin independent variable cam timing |
| Cylinders |  | 3 in-line |
| Cylinder head |  | Cast aluminium with iron liners |
| Cylinder block |  | Cast aluminium |
| Camshaft drive |  | Chain driven with hydraulic tensioner |
| Crankshaft bearings |  | Cast iron, 6 counterweights, 4 main bearings |
| Engine management |  | Bosch MG1CS016 with CAN-Bus and individual cylinder knock control. FGEC software |
| Fuel injection |  | 3 high-pressure direct fuel injection, 6-hole injectors (DI) plus 3 low-pressure port injectors (PFI) |
| Emission level |  | Euro 6d |
| Emission control |  | Rapid light-off catalyst, gasoline particulate filter |
| Turbocharger |  | Continental radial-axial (RAAX) turbocharger |
| Lubrication system |  | Two-stage variable displacement oil pump |
| Cooling system |  | Single thermostat |
| Transmission |  | 6-speed manual |
| Gear ratios  |  | 6th 0.6515th 0.7754th 0.9713rd 1.2902nd 1.9521st 3.583R 3.333FDR 4.563 |

**HYBRID ENGINES**

|  |  |  |
| --- | --- | --- |
|  |  | **2.5-litre Petrol Hybrid (180/183 PS)**  |
| Type |  | Atkinson Cycle port fuel injection engine |
| Motor |  | Permanent magnet 3-phase AC synchronous traction motor, liquid cooled |
| Max power | PS (kW) | 180 (FWD) 183 (AWD) (132/135) |
|  | at rpm | 5500 |
| Max torque  | Nm | N/A |
|  | at rpm | N/A |
| Battery |  | Lithium-ion |
| High-voltage cooling system |  | Liquid-cooled |
| Battery capacity | kWh | 1.1 kWh |
| Transmission |  | Ford-developed power-split automatic with continuously variable ratio |
| Gear ratio |  |  AWD 3.368 FDRFWD 2.91 FDR |
| Fuel tank | litres | 54 |
| Displacement | cm3 | 2488 |
| Bore | mm | 89.0 |
| Stroke | mm | 100.0 |
| Compression ratio |  | 13.0:1 |
| Valve gear |  | DOHC with 4 valves per cylinder,variable cam timing |
| Cylinders |  | 4 inline |
| Cylinder head |  | Aluminium |
| Cylinder block |  | Aluminium |
| Camshaft drive |  | Chain-in-oil with dynamic tensioner |
| Crankshaft |  | Forged steel, 8 counter-weights, 5 main bearings |
| Engine management |  | Bosch MED17 with CAN-Bus and individual cylinder knock control. Bosch software |
| Fuel injection |  | Multi-port fuel injection |
| Emission level |  | Euro 6d |
| Lubrication system |  | Electronically controlled variable displacement oil pump |
| Engine cooling system |  | Liquid cooled, separate from high-voltage cooling/heating system |

|  |  |  |
| --- | --- | --- |
|  |  | **2.5-litre Petrol Plug-In Hybrid (243 PS)**  |
| Type |  | Atkinson Cycle port fuel injection engine |
| Motor |  | Permanent magnet 3-phase AC synchronous traction motor, liquid cooled |
| Max power | PS (kW) | 243 (179) |
|  | at rpm | N/A |
| Max torque  | Nm | N/A |
|  | at rpm | N/A |
| Battery |  | Lithium-ion |
| High-voltage cooling system |  | Liquid-cooled/heated |
| Battery capacity | kWh | 14.4 kWh 48 Ah |
| Transmission |  | Ford-developed power-split automatic with continuously variable ratio |
| Gear ratio |  | 3.368 FDR |
| Fuel tank | litres | 42.7 |
| Displacement | cm3 | 2488 |
| Bore | mm | 89.0 |
| Stroke | mm | 100.0 |
| Compression ratio |  | 13.0:1 |
| Valve gear |  | DOHC with 4 valves per cylinder,variable cam timing |
| Cylinders |  | 4 inline |
| Cylinder head |  | Aluminium |
| Cylinder block |  | Aluminium |
| Camshaft drive |  | Chain-in-oil with dynamic tensioner |
| Crankshaft |  | Forged steel, 8 counter-weights, 5 main bearings |
| Engine management |  | Bosch MED17 with CAN-Bus and individual cylinder knock control. Bosch software |
| Fuel injection |  | Multi-port fuel injection |
| Emission level |  | Euro 6d |
| Lubrication system |  | Electronically controlled variable displacement oil pump |
| Engine cooling system |  | Liquid cooled, separate from high-voltage cooling/heating system |

### DRIVE LINE

|  |  |
| --- | --- |
| **Drive options:** | **AWD:** Electronically controlled Ford Intelligent All Wheel Drive with variable torque distribution  |
|  | **FWD:** Front-wheel drive |  |  |  |

# # #

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