**2024 Ford PUMA and PUMA ST POWERSHIFT Specifications**

**Performance and Economy 1**

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| --- | --- | --- | --- | --- | --- |
| **Puma** |  |  |  | **Performance** | |
| **Engine** | **Power (PS)** | **CO2 (g/km) 2** | **Fuel consumption l/100 km 2** | **Max speed (km/h)** | **0-100 km/h (sec)** |
| 1.0-litre EcoBoost Hybrid (6-spd manual) | 125 | 119-135 | 5.3-6.0 | 191 | 9.8 |
| 1.0-litre EcoBoost Hybrid (7-spd Powershift automatic) | 125 | 5.6-6.3 | 127-143 | 190 | 9.6 |
| 1.0-litre EcoBoost Hybrid (7-spd Powershift automatic) | 155 | 5.5-6.3 | 125-142 | 200 | 8.7 |
| **Puma ST Powershift** |  |  |  | **Performance** | |
| **Engine** | **Power (PS)** | **CO2 (g/km) 2** | **Fuel consumption l/100 km 2** | **Max speed (km/h)** | **0-100 km/h (sec)** |
| 1.0-litre EcoBoost Hybrid (7-spd Powershift automatic) | 170 3 | 135-146 | 6.0-6.5 | 210 | 7.4 |

**WEIGHTS AND DIMENSIONS 1**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Kerb weight (kg) 4** | **Gross Vehicle Mass (kg)** | **Gross Train Mass  (kg)** | **Max. Towable Mass (braked) (kg) 5** | **Max. Towable Mass (unbraked) (kg) 5** | **Nose weight**  **(kg)** | **Roof load (kg)** |
| **Puma** |  |  |  |  |  |  |  |
| 125 PS 1.0-litre EcoBoost Hybrid (6-spd manual) | 1316 | 1785 | 2885 | 1100 | 640 | 75 | 50 |
| 125 PS 1.0-litre EcoBoost Hybrid (7-spd Powershift automatic) | 1368 | 1835 | 2735 | 900 | 665 | 75 | 50 |
| 155 PS 1.0-litre EcoBoost Hybrid (7-spd Powershift automatic) | 1368 | 1835 | 2735 | 900 | 665 | 75 | 50 |
| **Puma ST Powershift** |  |  |  |  |  |  |  |
| 170 PS 1.0-litre EcoBoost Hybrid 7-spd Powershift automatic | 1390 | 1850 | 2750 | 900 | 665 | 75 | 25 |

**Dimensions** 6

|  |  |  |
| --- | --- | --- |
| **Dimensions (mm unless stated)** | **Puma** | **Puma ST Powershift** |
| **Exterior** |  |  |
| Overall length without tow bar | 4186 | 4226 |
| Overall width mirrors extended/folded | 1930/1805 | 1930/1805 |
| Overall height (with shark fin antenna, unladen) | 1550 | 1533 |
| Wheelbase | 2588 | 2588 |
| Front track | 1567 | 1567 |
| Rear track | 1526 | 1523 |
| Front overhang | 850 | 875 |
| Rear overhang | 748 | 763 |
| Min ground clearance (kerb) | 163 | 152 |
| Approach Angle (degrees) | 17.5 | 13.8 |
| Departure Angle (degrees) | 26.6 | 24.0 |
| **Interior** |  |  |
| Front headroom (without panorama roof) | 1000 | 1000 |
| Front headroom (with panorama roof) | 983 | 983 |
| Front legroom (maximum with seat in rear-most mid-height position) | 1113 | 1113 |
| Front shoulder room | 1348 | 1348 |
| Front hip room | 1301 | 1301 |
| Rear headroom (without panorama roof) | 965 | 965 |
| Rear legroom (maximum with seat in rear-most mid-height position) | 863 | 863 |
| Rear shoulder room | 1320 | 1320 |
| Rear hip room | 1234 | 1234 |
| **Luggage capacity (litres) 7** |  |  |
| 5-seat mode, laden to package tray (with tyre repair kit) | 456 | 456 |
| 2-seat mode, laden to roof (with tyre repair kit) | 1216 | 1216 |
| **Luggage compartment dimensions** |  |  |
| Maximum loading height | 865 | 865 |
| Load length at floor to 1st row (tyre repair kit) | 1472 | 1472 |
| Load length at floor to 2nd row seats | 725 | 725 |
| Load width between wheelhouses | 1000 | 1000 |
| Load opening width (floor) | 982 | 982 |
| Lift-over height (kerb) | 771 | 754 |
| **Fuel tank capacity (litres)** |  |  |
| Petrol | 42 | 42 |

**ADVANCED DRIVER-ASSISTANCE SYSTEMS** 8,9

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| --- |
| 360-degree surround-view camera system 10 |
| Adjustable Speed Limiter |
| Auto high beam |
| Auto lighting and rain-sensing wipers |
| Cross Traffic Alert with Active Braking |
| Cruise Control |
| Driver Alert |
| Dynamic Matrix LED headlights |
| Enhanced Blind Spot Information System |
| Forward Collision Warning |
| Front and rear parking sensors |
| Glare-free High Beam |
| Hill Launch Assist |
| Intelligent Adaptive Cruise Control with Stop & Go and Lane Centring 11 |
| Intelligent Speed Limiter |
| Intersection Assist 12 |
| Local Hazard Information |
| Lane Keeping Alert |
| Post-Collision Braking |
| Pre-Collision Assist with Active Braking |
| Predictive Dynamic Bending Light |
| Predictive Speed Assist |
| Rear wide-view camera |
| Rear Cross Traffic Braking |
| Reverse Brake Assist |
| Selectable Drive Modes |
| Traffic Sign Recognition |
| Wrong Way Alert |

**COMFORT AND CONVENIENCE** 9

|  |
| --- |
| 12.8-inch digital instrument cluster |
| 5G FordPass Connect modem 13 |
| Adjustable lumbar support seats |
| Apple CarPlay and Android Auto (wireless integration) 14 |
| Alexa Built-in 15 |
| B&O audio system |
| Ford MegaBox |
| Hands-free tailgate |
| Heated front seats |
| Heated steering wheel |
| Openable panoramic roof |
| SYNC 4 with 12-inch touchscreen 16 |
| Wireless charging pad 17 |

**STEERING**

|  |  |  |
| --- | --- | --- |
|  | **Puma** | **Puma ST Powershift** |
| System | Rack and pinion with Electronic Power Assisted Steering (EPAS) | Rack and pinion with Electronic  Power Assisted Steering (EPAS) |
| Ratio | 15.1:1 | 11.4:1 |
| Turning circle (m)  kerb-to-kerb | 10.4 | 11.2 |

**CHASSIS**

|  |  |  |
| --- | --- | --- |
|  | Front suspension | Rear suspension |
| **Puma** | Independent. MacPherson struts, L‑shaped lower control arm, steering gear and hollow stabiliser bar mounted on subframe. | Twistbeam rear suspension with toe-correcting angled bushes, springs located below floor and separate twintube shock absorbers. |
| **Puma ST Powershift** | Independent suspension with MacPherson struts, Hitachi twin-tube frequency reactive shock absorbers and 24.2 mm x 6 mm diameter anti-roll bar. | Twist-beam rear suspension with toe-correcting angled bushes and 28 mm anti-roll bar. In-car stiffness of 2000 Nm/deg.  Force vectoring springs located below floor and separate Hitachi twin-tube frequency reactive shock absorbers. |
| **Puma ST Powershift Handling Pack** | Independent suspension with MacPherson struts, KW twin-tube shock absorbers with dedicated setting for improved handling characteristics.  Spring stiffness increased 20 per cent, height decreased 10 mm. Finished in Ford Performance Blue.  24.2 mm x 6 mm diameter anti-roll bar. | KW twin-tube shock absorbers with dedicated setting for improved handling characteristics.  Spring stiffness increased 20 per cent, height decreased 10 mm. Finished in Ford Performance Blue. |

**BRAKES**

|  |  |  |
| --- | --- | --- |
|  | **Front** | **Rear** |
| Braking | Hydraulically operated dual-circuit system with diagonal distribution. Vented front discs. Solid rear discs or drums. Electronic four-channel anti-lock braking system (ABS) with electronic brake-force distribution (EBD), Electronic Stability System (ESP) and Emergency Brake Assist (EBA). Optional autonomous emergency braking (AEB). | |
| **Puma** |  |  |
| Disc/drum dimensions (mm) | Ø278 x 25 | Ø271 x 11 disc  Ø 228 x 40 drum |
| Piston dimensions (mm) | Ø54 | Ø36 |
| **Puma ST Powershift** |  |  |
| Disc dimensions (mm) | Ø325 x 27 | Ø271 x 11 |
| Piston dimensions (mm) | Ø57 | Ø36 |

**WHEELS & TYRES**

|  |  |
| --- | --- |
| **Puma** | **Puma ST Powershift** |
| 7 x 17-inch with 215/55 R17  7 x 18-inch with 215/50 R18  7.5 x 19-inch with 225/40 R19 | 8.0 x 19-inch alloy wheels with 225/40 R19 |

**HYBRID ENGINES** 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **1.0-litre EcoBoost Hybrid (125, 155, 170 PS)** | | | |
| Type |  | In-line three-cylinder turbo petrol, 48-volt mild hybrid, Ti-VCT, transverse | | | |
| Displacement | cm3 | 999 | | | |
| Bore | mm | 71.9 | | | |
| Stroke | mm | 82.0 | | | |
| Compression ratio |  | 10.5:1 | | 10.0:1 | 10.0:1 |
| Max power | PS (kW) | 125 (92) | | 155 (114) | 170 (125) 3 |
| at rpm | 6000 | | 6000 | 5750 |
| Max torque steady state (ICE) | Nm | 170 | | 190 | 200 |
| at rpm | 1400-4500 | | 2100-5500 | 2000-5500 |
| Max torque performance | Nm | 210 | | 240 | 248 3 |
| at rpm | 1750 | | 2500 | 3000 |
| Valve gear |  | DOHC with 4 valves per cylinder, twin independent variable cam timing | | | |
| Cylinders |  | 3 in-line | | | |
| Cylinder head |  | Cast aluminium | | | |
| Cylinder block |  | Cast iron | | | |
| Camshaft drive |  | Chain drive with hydraulic tensioner | | | |
| Crankshaft |  | Cast iron, 6 counterweights, 4 main bearings | | | |
| Engine management |  | Vitesco EMS2916 with CAN-BUS, individual cylinder knock control, FGEC software supporting FNV2.1 architecture | | | |
| Fuel injection |  | 250 bar (max) high pressure direct fuel injection with 5-hole injectors | | | |
| Emission level |  | Euro 6d | | | |
| Emission control |  | Rapid light-off catalyst, gasoline particulate filter | | | |
| Turbocharger |  | Fixed geometry turbocharger | | | |
| Electric motor |  | 11.5kW Belt Integrated Starter-Generator | | | |
| Battery |  | 48V 8Ah Li-ion air cooled battery pack | | | |
| Lubrication system |  | Electronically controlled variable displacement oil pump for improved fuel economy | | | |
| Cooling system |  | Split cooling system with 2 thermostats. Cam driven water pump for reduced power consumption | | | |
| Transmission |  | 6-speed manual | 7-speed Powershift dual-clutch automatic | | |
| Gear ratios |  | 6th 0.634  5th 0.757  4th 0.943  3rd 1.276  2nd 1.958  1st 3.417  R 3.833  FDR 4.353 | 7th 0.638  6th 0.771  5th 0.851  4th 1.114  3rd 1.594  2nd 2.824  1st 4.462  R 2.824  FDR 4.176 (ratios 1,2,6,7)  4.733 (ratios 3,4,5,R) | | |

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1 Power, torque, payload, towing and WLTP fuel economy ratings are independent attributes and may not be achieved simultaneously.

2 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.

3 Maximum performance determined by test procedure UN Global Technical Regulation-21 (Jan 2021).

4 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.

5 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.

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

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

8 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.

9 Feature availability dependent on vehicle specification.

10 Cameras only operate at speeds under 10 km/h.

11 If stop is longer than three seconds, driver must intervene and press “RES” button or accelerator pedal to resume system operation.

12 Intersection Assist does not detect all vehicles in intersections, pedestrians, or cyclists. It does not replace safe driving. See Owner’s Manual for details and limitations.

13 Services require SYNC 4 or newer, activation through FordPass App (subject to FordPass Terms), modem activation, and a Connected Navigation service plan. Equipped vehicles come with a 1-year Connected Navigation included period from new vehicle warranty start date, after which purchase is required. Connected service and features depend on compatible network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features.

14 Requires phone with active data service and compatible software. SYNC 4 does not control 3rd party products while in use. 3rd Parties are solely responsible for their respective functionality.

15 To use Alexa Built-in, drivers need to activate FordPass within their vehicle using the FordPass smartphone app or in-vehicle settings. Access to Alexa requires an Amazon account, SYNC 4 or SYNC 4A, FordPass, and complimentary Connected Service activated through the FordPass app (see FordPass Terms for details). Additional products and setup may be required. Amazon, Alexa and all related logos and marks are trademarks of Amazon.com, Inc. or its affiliates.

16 Don’t drive while distracted or while using handheld devices. Use voice-operated systems when possible. Some features may be locked out while the vehicle is in gear. Not all features are compatible with all phones.

17 Available Qi wireless charging may not be compatible with all mobile phones.

Note: The data information in this press release 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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