BMW 5 Series Touring (G61) 520d (197 Hp) Mild Hybrid xDrive Steptronic 2024 Specs

General information

Brand BMW

Model 5 Series

Generation 5 Series Touring (G61)

Modification (Engine) 520d (197 Hp) Mild Hybrid xDrive Steptronic

Start of production February, 2024 year

Powertrain Architecture MHEV (Mild Hybrid Electric Vehicle, power-assist hybrid, battery-assisted hybrid vehicles, BAHV)

Body type Station wagon (estate)

Seats 5

Doors 5

Performance specs

Combined fuel consumption (WLTP) 5.7-6.2 l/100 km

41.27 - 37.94 US mpg

49.56 - 45.56 UK mpg

17.54 - 16.13 km/l

CO2 emissions (WLTP) 149-163 g/km

Fuel Type Diesel

Acceleration 0 - 100 km/h 7.5 sec

Acceleration 0 - 62 mph 7.5 sec

Acceleration 0 - 60 mph (Calculated by Auto-Data.net) 7.1 sec

Maximum speed 218 km/h

135.46 mph

Emission standard Euro 6e

Weight-to-power ratio 9.6 kg/Hp, 104 Hp/tonne

Weight-to-torque ratio 4.7 kg/Nm, 211.1 Nm/tonne

Electric cars and hybrids specs

Battery voltage 48 V

Battery technology Lithium-ion (Li-Ion)

Battery location Under the trunk

Electric motor 1

Electric motor power 11 Hp

Electric motor Torque 25 Nm

18.44 lb.-ft.

Electric motor location Integrated into the transmission

System power 197 Hp

System torque 400 Nm

295.02 lb.-ft.

Internal combustion engine specs

Power 197 Hp @ 4000 rpm.

Power per litre 98.7 Hp/l

Torque 400 Nm @ 1500-2750 rpm.

295.02 lb.-ft. @ 1500-2750 rpm.

Engine layout Front, Longitudinal

Engine Model/Code B47D20B

Engine displacement 1995 cm3

121.74 cu. in.

Number of cylinders 4

Engine configuration Inline

Cylinder Bore 84 mm

3.31 in.

Piston Stroke 90 mm

3.54 in.

Compression ratio 16.5

Number of valves per cylinder 4

Fuel injection system Diesel Commonrail

Engine aspiration Twin-power turbo, Intercooler

Engine oil specification Log in to see.

Engine systems Start & Stop System

Particulate filter

Space, Volume and weights

Kerb Weight 1895 kg

4177.76 lbs.

Max. weight 2555 kg

5632.81 lbs.

Max load 660 kg

1455.05 lbs.

Trunk (boot) space - minimum 570 l

20.13 cu. ft.

Trunk (boot) space - maximum 1700 l

60.03 cu. ft.

Fuel tank capacity 60 l

15.85 US gal | 13.2 UK gal

Max. roof load 100 kg

220.46 lbs.

Permitted trailer load with brakes (12%) 2000 kg

4409.25 lbs.

Permitted trailer load without brakes 750 kg

1653.47 lbs.

Permitted towbar download 100 kg

220.46 lbs.

Dimensions

Length 5060 mm

199.21 in.

Width 1900 mm

74.8 in.

Width including mirrors 2156 mm

84.88 in.

Height 1515 mm

59.65 in.

Wheelbase 2995 mm

117.91 in.

Front track 1634 mm

64.33 in.

Rear (Back) track 1668 mm

65.67 in.

Front overhang 945 mm

37.2 in.

Rear overhang 1120 mm

44.09 in.

Ride height (ground clearance) 155 mm

6.1 in.

Drag coefficient (Cd) 0.26

Minimum turning circle (turning diameter) 11.8 m

38.71 ft.

Drivetrain, brakes and suspension specs

Drivetrain Architecture The Internal combustion engine (ICE) and the electric motor permanently drive the four wheels of the car with the ability to work only in mixed mode.

Drive wheel All wheel drive (4x4)

Number of gears and type of gearbox 8 gears, automatic transmission Steptronic

Front suspension Double wishbone

Rear suspension Independent multi-link suspension

Front brakes Ventilated discs

Rear brakes Ventilated discs

Assisting systems ABS (Anti-lock braking system)

4-wheel steering (4WS, active rear steering)

Steering type Steering rack and pinion

Power steering Electric Steering

Tires size 225/55 R18 102Y XL

Wheel rims size 7.5J x 18