Audi S7 Sportback (C8, facelift 2023) 3.0 TDI V6 (344 Hp) Mild Hybrid quattro tiptronic 2023, 2024 Specs

General information

Brand Audi

Model S7

Generation S7 Sportback (C8, facelift 2023)

Modification (Engine) 3.0 TDI V6 (344 Hp) Mild Hybrid quattro tiptronic

Start of production June, 2023 year

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

Body type Liftback

Seats 5

Doors 5

Performance specs

Combined fuel consumption (WLTP) 7.1-7.4 l/100 km

33.13 - 31.79 US mpg

39.79 - 38.17 UK mpg

14.08 - 13.51 km/l

CO2 emissions (WLTP) 186-194 g/km

Fuel Type Diesel

Acceleration 0 - 100 km/h 5.1 sec

Acceleration 0 - 62 mph 5.1 sec

Acceleration 0 - 60 mph (Calculated by Auto-Data.net) 4.8 sec

Maximum speed 250 km/h, Electronically limited

155.34 mph

Emission standard Euro 6e

Weight-to-power ratio 5.8 kg/Hp, 171.1 Hp/tonne

Weight-to-torque ratio 2.9 kg/Nm, 348.3 Nm/tonne

Electric cars and hybrids specs

Net (usable) battery capacity 0.5 kWh

Battery voltage 48 V

Battery technology Lithium-ion (Li-Ion)

Battery weight 10 kg

22.05 lbs.

Battery location Under the trunk

Recuperation output 8 kW

Electric motor 1

Electric motor location Front, Longitudinal

Internal combustion engine specs

Power 344 Hp @ 3850-4000 rpm.

Power per litre 115.9 Hp/l

Torque 700 Nm @ 1750-3250 rpm.

516.29 lb.-ft. @ 1750-3250 rpm.

Engine layout Front, Longitudinal

Engine Model/Code EA897evo3 / DMKD

Engine displacement 2967 cm3

181.06 cu. in.

Number of cylinders 6

Engine configuration V-engine

Cylinder Bore 83 mm

3.27 in.

Piston Stroke 91.4 mm

3.6 in.

Compression ratio 16.3

Number of valves per cylinder 4

Fuel injection system Diesel Commonrail

Engine aspiration Turbocharger / e-Turbocharger, Intercooler

Valvetrain DOHC

Engine oil capacity 6.1 l

6.45 US qt | 5.37 UK qt

Engine oil specification Log in to see.

Coolant 16.7 l

17.65 US qt | 14.69 UK qt

Engine systems Start & Stop System

Particulate filter

Space, Volume and weights

Kerb Weight 2010 kg

4431.29 lbs.

Max. weight 2635 kg

5809.18 lbs.

Max load 625 kg

1377.89 lbs.

Trunk (boot) space - minimum 525 l

18.54 cu. ft.

Trunk (boot) space - maximum 1380 l

48.73 cu. ft.

Fuel tank capacity 63 l

16.64 US gal | 13.86 UK gal

AdBlue tank 12 l

3.17 US gal | 2.64 UK gal

Max. roof load 90 kg

198.42 lbs.

Permitted trailer load with brakes (8%) 2000 kg

4409.25 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 95 kg

209.44 lbs.

Dimensions

Length 4980 mm

196.06 in.

Width 1908 mm

75.12 in.

Width including mirrors 2118 mm

83.39 in.

Height 1417 mm

55.79 in.

Wheelbase 2928 mm

115.28 in.

Front track 1646 mm

64.8 in.

Rear (Back) track 1629 mm

64.13 in.

Front overhang 927 mm

36.5 in.

Rear overhang 1125 mm

44.29 in.

Drag coefficient (Cd) 0.30

Minimum turning circle (turning diameter) 12.4 m

40.68 ft.

Approach angle 12.1°

Departure angle 16.1°

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 tiptronic

Front suspension Independent multi-link suspension

Rear suspension Independent multi-link suspension

Front brakes Ventilated discs, 400 mm

Rear brakes Ventilated discs, 350 mm

Assisting systems ABS (Anti-lock braking system)

Steering type Steering rack and pinion

Power steering Electric Steering

Tires size 255/45 R20; 255/35 R21

Wheel rims size 8.5J x 20; 8.5J x 21