Audi A6 Avant (C8, facelift 2023) 55 TFSI V6 (340 Hp) Mild Hybrid quattro ultra S tronic 2023, 2024 Specs

General information

Brand Audi

Model A6

Generation A6 Avant (C8, facelift 2023)

Modification (Engine) 55 TFSI V6 (340 Hp) Mild Hybrid quattro ultra S tronic

Start of production June, 2023 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) 8.1-9.1 l/100 km

29.04 - 25.85 US mpg

34.87 - 31.04 UK mpg

12.35 - 10.99 km/l

CO2 emissions (WLTP) 185-207 g/km

Fuel Type Petrol (Gasoline)

Acceleration 0 - 100 km/h 5 sec

Acceleration 0 - 62 mph 5 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 5.4 kg/Hp, 185.3 Hp/tonne

Weight-to-torque ratio 3.7 kg/Nm, 272.5 Nm/tonne

Electric cars and hybrids specs

Gross 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 14 kW

Electric motor 1

Electric motor power 8 Hp

Electric motor Torque 60 Nm

44.25 lb.-ft.

Electric motor location Front, Longitudinal

Internal combustion engine specs

Power 340 Hp @ 5200-6400 rpm.

Power per litre 113.5 Hp/l

Torque 500 Nm @ 1370-4500 rpm.

368.78 lb.-ft. @ 1370-4500 rpm.

Engine layout Front, Longitudinal

Engine Model/Code EA839

Engine displacement 2995 cm3

182.77 cu. in.

Number of cylinders 6

Engine configuration V-engine

Cylinder Bore 84.5 mm

3.33 in.

Piston Stroke 89 mm

3.5 in.

Compression ratio 11.2

Number of valves per cylinder 4

Fuel injection system Direct injection

Engine aspiration Turbocharger, Intercooler

Valvetrain DOHC

Engine oil capacity 7.6 l

8.03 US qt | 6.69 UK qt

Engine oil specification Log in to see.

Coolant 11.5 l

12.15 US qt | 10.12 UK qt

Engine systems Start & Stop System

Particulate filter

Space, Volume and weights

Kerb Weight 1835 kg

4045.48 lbs.

Max. weight 2480 kg

5467.46 lbs.

Max load 645 kg

1421.98 lbs.

Trunk (boot) space - minimum 550 l

19.42 cu. ft.

Trunk (boot) space - maximum 1660 l

58.62 cu. ft.

Fuel tank capacity 63 l

16.64 US gal | 13.86 UK gal

Max. roof load 100 kg

220.46 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 4939 mm

194.45 in.

Width 1886 mm

74.25 in.

Width including mirrors 2110 mm

83.07 in.

Height 1494 mm

58.82 in.

Wheelbase 2924 mm

115.12 in.

Front track 1630 mm

64.17 in.

Rear (Back) track 1617 mm

63.66 in.

Front overhang 920 mm

36.22 in.

Rear overhang 1095 mm

43.11 in.

Drag coefficient (Cd) 0.28

Minimum turning circle (turning diameter) 12.1 m

39.7 ft.

Approach angle 13.7°

Departure angle 16.9°

Drivetrain, brakes and suspension specs

Drivetrain Architecture The Internal combustion engine (ICE) and the electric motor permanently drive the front wheels of the vehicle, capable of running only in mixed mode, and if necessary through the electrically or mechanically controlled clutch, the rear wheels are driven.

Drive wheel All wheel drive (4x4)

Number of gears and type of gearbox 7 gears, automatic transmission S tronic

Front suspension Independent multi-link suspension

Rear suspension Independent multi-link suspension

Front brakes Ventilated discs, 375 mm

Rear brakes Ventilated discs, 330 mm

Assisting systems ABS (Anti-lock braking system)

Steering type Steering rack and pinion

Power steering Electric Steering

Tires size 225/55 R18; 245/45 R19; 255/40 R20; 255/35 R21

Wheel rims size 8J x 18; 8.5J x 19; 8.5J x 20; 8.5J x 21