



Audi

# Specifications

## Technical Specifications

Engineering/Performance	A5	S5	RS 5
Engine type	Four-cylinder	Six-cylinder	Eight-cylinder
Arrangement	Front mounted-longitudinal	Front mounted-longitudinal	Front mounted-longitudinal
Bore (in)	3.25 (82.5 mm)	3.33 (84.5 mm)	3.33 (84.5 mm)
Stroke (in)	3.65 (92.8 mm)	3.50 (89 mm)	3.65 (92.8 mm)
Displacement (cu in)	121.1 (1984 cc)	182.8 (2995 cc)	254.0 (4163 cc)
Compression ratio	9.6:1	10.3:1	12.5:1
Horsepower @ rpm	211 @ 4300 (155 kw)	333 @ 5500 (245 kw)	450 @ 8250 (331 kw)
Torque (lb-ft @ rpm)	258 @ 1500 (350 nm)	325 @ 2900 (440 nm)	317 @ 4000 (430 nm)
Induction / Fuel injection	Turbocharged / FSI	Supercharged / FSI	FSI
multitronic FWD CVT (0-60 mph) (seconds) (Cabriolet)	7.2	—	—
quattro manual (0-60 mph) (seconds) (Coupe)	—	4.9	—
quattro Tiptronic (0-60 mph) (seconds) (Coupe/Cabriolet)	6.2 / 6.7	—	—
quattro S tronic (0-60) (seconds) (Coupe/Cabriolet)	—	4.9 / 5.3	4.5
Top speed (electronically limited)* (mph)	130 (209 km/h)	155 (250 km/h)	174 (280 km/h)

Engine design	A5	S5	RS 5
Cylinder block	Cast iron	Aluminum alloy	Aluminum alloy
Cylinder head	Aluminum alloy	Aluminum alloy	Aluminum alloy
Firing order	1 - 3 - 4 - 2	1 - 4 - 3 - 6 - 2 - 5	1 - 5 - 4 - 8 - 6 - 3 - 7 - 2
Valvetrain / Intake	Audi valvelift system on exhaust valves, DOHC, chain driven, hydraulic lifters	DOHC, mechanical charger module with two intercoolers, two charge movement flaps, chain driven, four valves per cylinder	DOHC, four valves per cylinder, hydraulic adjustment
Supercharger / Turbocharger	—	Eaton R1320	—
Max boost	—	0.8 BAR / 11.6 psi	—
Emissions	Tier2 BINS / ULEV II	Tier2 BINS / ULEV II	Tier2 BINS / ULEV II
Start/Stop	—	—	—

Body/Suspension/Chassis	A5	S5	RS 5
Five-link front suspension with stabilizer bar	■	■	■
Sport suspension calibration	□	—	—
S5 sport suspension calibration	—	■	—
Adaptive dampening suspension	—	□	—
RS 5 sport suspension calibration	—	—	■
Electromechanical power steering system	■	■	■
Sports differential	—	□	■
Ventilated front disc/solid rear disc brakes (in)	12.6 / 11.8 (320/300 mm)	—	—
Ventilated front disc/ventilated rear disc brakes (in)	—	13.6 / 13.0 (345 / 330 mm)	14.4 / 12.8 (365 / 324 mm)
Ceramic front brakes	—	—	15.0 (380 mm)

Transmission/Drivetrain	A5	S5	RS 5
multitronic FWD CVT (Cabriolet only)	NA / ■	—	—
Six-speed manual transmission with Audi quattro all-wheel drive (Coupe / Cabriolet)	■ / NA	■ / NA	—
Eight-speed Tiptronic automatic transmission with Audi quattro all-wheel drive (Coupe / Cabriolet)	□ / □	—	—
Seven-speed Audi S tronic dual-clutch transmission with Audi quattro all-wheel drive (Coupe / Cabriolet)	—	□ / ■	■



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### Transmission/Drivetrain (continued)

	A5	S5	RS 5
Gear ratios:	<b>multitronic</b>	<b>quattro manual</b>	<b>S tronic</b>
1st	2.436: 1	3.667: 1	3.692: 1
2nd	1.626: 1	2.158: 1	2.238: 1
3rd	1.231: 1	1.520: 1	1.559: 1
4th	0.976: 1	1.133: 1	1.175: 1
5th	0.783: 1	0.919: 1	0.915: 1
6th	0.628: 1	0.778: 1	0.745: 1
7th	0.499: 1	-	0.617: 1
8th	0.382: 1	-	-
Reverse	2.919: 1	3.222: 1	2.944: 1
Final drive	4.612: 1	3.682: 1	-
Gear ratios:	<b>quattro manual</b>	<b>S tronic</b>	
1st	3.667: 1	3.692: 1	
2nd	2.158: 1	2.150: 1	
3rd	1.520: 1	1.406: 1	
4th	1.133: 1	1.025: 1	—
5th	0.919: 1	0.787: 1	
6th	0.778: 1	0.625: 1	
7th	-	0.519: 1	
Reverse	3.222: 1	2.944: 1	
Final drive	3.682: 1	3.875: 1	
Gear ratios:	<b>quattro Tiptronic</b>		
1st	4.714: 1		
2nd	3.143: 1		
3rd	2.106: 1		
4th	1.667: 1		
5th	1.285: 1	—	—
6th	1.000: 1		
7th	0.839: 1		
8th	0.667: 1		
Reverse	3.317: 1		
Final drive	2.848: 1		

### Exterior measurements

Wheelbase (in)	108.3 (2751 mm)	108.3 (2751 mm)	108.3 (2751 mm)
Length (in)	182.1 (4626 mm)	182.7 (4640 mm)	183.0 (4649 mm)
Height (in)	Coupe: 54.0 (1372 mm) Cabriolet: 54.4 (1383 mm)	Coupe: 53.9 (1369 mm) Cabriolet: 54.3 (1380 mm)	53.8 (1366 mm)
Width (in)	73.0 (1854 mm) w/ mirrors 79.5 (2020 mm)	73.0 (1854 mm) w/ mirrors 79.5 (2020 mm)	73.2 (1860 mm) w/ mirrors 79.5 (2020 mm)
Track (in) front / rear	62.6 / 62.1 (1590/1577 mm)	62.5 / 62.0 (1588/1575 mm)	62.4 / 62.3 (1586/1582 mm)
Curb weight (lb)	Coupe: 3,681 (1670 kg) (quattro Tiptronic) Cabriolet: 3,880 (1760 kg) (FWD multitronic) Cabriolet: 4,045 (1835 kg) (quattro Tiptronic)	Coupe: 3,858 (1750 kg) (quattro M/T) Coupe: 3,924 (1780 kg) (quattro S tronic) Cabriolet: 4,310 (1955 kg) (quattro S tronic)	4,009 (1820 kg) (quattro S tronic)
Weight distribution	—	—	—
Ground clearance (loaded)	—	—	—
Drag coefficient (Coupe / Cabriolet)	Cw = 0.32/0.34 Front Area = 2.17/2.18 sq. m.	Cw = 0.31/0.33 Front Area = 2.17/2.18 sq. m.	Cw = 0.32 Front Area = 2.2 sq. m.

■ = Standard    □ = Optional    — = Not Available



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Interior measurements	A5	S5	RS 5
Headroom sunroof (in, front/rear)	Coupe: 39.1/ 36.0 (993 / 914 mm) Cabriolet: 40.0 / 36.3 (1016 / 922 mm)	Coupe: 39.1/ 36.0 (993 / 914 mm) Cabriolet: 40.0 / 36.3 (1016 / 922 mm)	39.1/36.0 (993 / 914 mm)
Headroom sunshade (in, front/rear)	Coupe: 37.9/ 36.0 (963 / 914 mm) Cabriolet: n/a / n/a	Coupe: 37.9/ 36.0 (963 / 914 mm) Cabriolet: n/a / n/a	37.9/36.0 (963 / 914 mm)
Legroom (in, front/rear)	Coupe: 41.3/ 31.7 (1049 / 805 mm) Cabriolet: 41.3 / 31.9 (1049 / 810 mm)	Coupe: 41.3/ 31.7 (1049 / 805 mm) Cabriolet: 41.3 / 31.9 (1049 / 810 mm)	41.3/31.7 (1049 / 805 mm)
Shoulder room (in, front/rear)	Coupe: 54.3/ 52.8 (1379 / 1341 mm) Cabriolet: 54.3 / 46.8 (1379 / 1189 mm)	Coupe: 54.3/ 52.8 (1379 / 1341 mm) Cabriolet: 54.3 / 46.8 (1379 / 1189 mm)	54.3/52.8 (1379 / 1341 mm)
Luggage capacity (cu ft)	Coupe: 12.2 Cabriolet: 10.2	Coupe: 12.2 Cabriolet: 10.2	12.2
Luggage capacity (second row folded)	—	—	—
Seating capacity	4	4	4

## EPA mileage estimates\*/Capacities

Audi multitrionic transmission (City/Highway/Combined)* (Cabriolet only)	24 city / 31 hwy / 26 combined	—	—
Manual transmission (City/Highway/Combined)* (Coupe only)	22 city / 32 hwy / 26 combined	17 city / 26 hwy / 20 combined	—
Tiptronic automatic transmission (City/Highway/Combined)*	20 city / 30 hwy / 24 combined	—	—
Audi S tronic dual-clutch transmission (City/Highway/Combined)*	—	18 city / 28 hwy / 21 combined	16 city / 23 hwy / 18 combined
Engine oil (qt)	4.9 (4.6 liter)	7.2 (6.8 liter)	11.3 (10.7 liter)
Coolant system (qt)	—	—	—
Fuel (gal)	16.1 (61 liter)	16.1 (61 liter)	16.1 (61 liter)
Recommended fuel	Premium unleaded	Premium unleaded	Premium unleaded

## Steering

Type	Electromechanical, speed sensitive power rack & pinion	Electromechanical, speed sensitive power rack & pinion	Electromechanical, speed sensitive power rack & pinion
Ratio	15.9:1	15.9:1	15.9:1
Turning circle (curb-to-curb) (ft)	37.4 (11.4 m)	37.4 (11.4 m)	38.1 (11.6 m)

## Electrical system

Battery	12 Volts - 80 amp	12 Volts - 80 amp/hr	12 Volts - 80 amp/hr
Alternator	14 Volts - 150 amp	14 Volts- 150 amp	14 Volts- 190 amp

## Warranty/Maintenance

	Four-year/50,000 mile new vehicle limited warranty	Four-year/50,000 mile new vehicle limited warranty	Four-year/50,000 mile new vehicle limited warranty
	Twelve-month/5,000 mile (whichever occurs first) NO CHARGE first scheduled maintenance	Twelve-month/5,000 mile (whichever occurs first) NO CHARGE first scheduled maintenance	Twelve-month/5,000 mile (whichever occurs first) NO CHARGE first scheduled maintenance

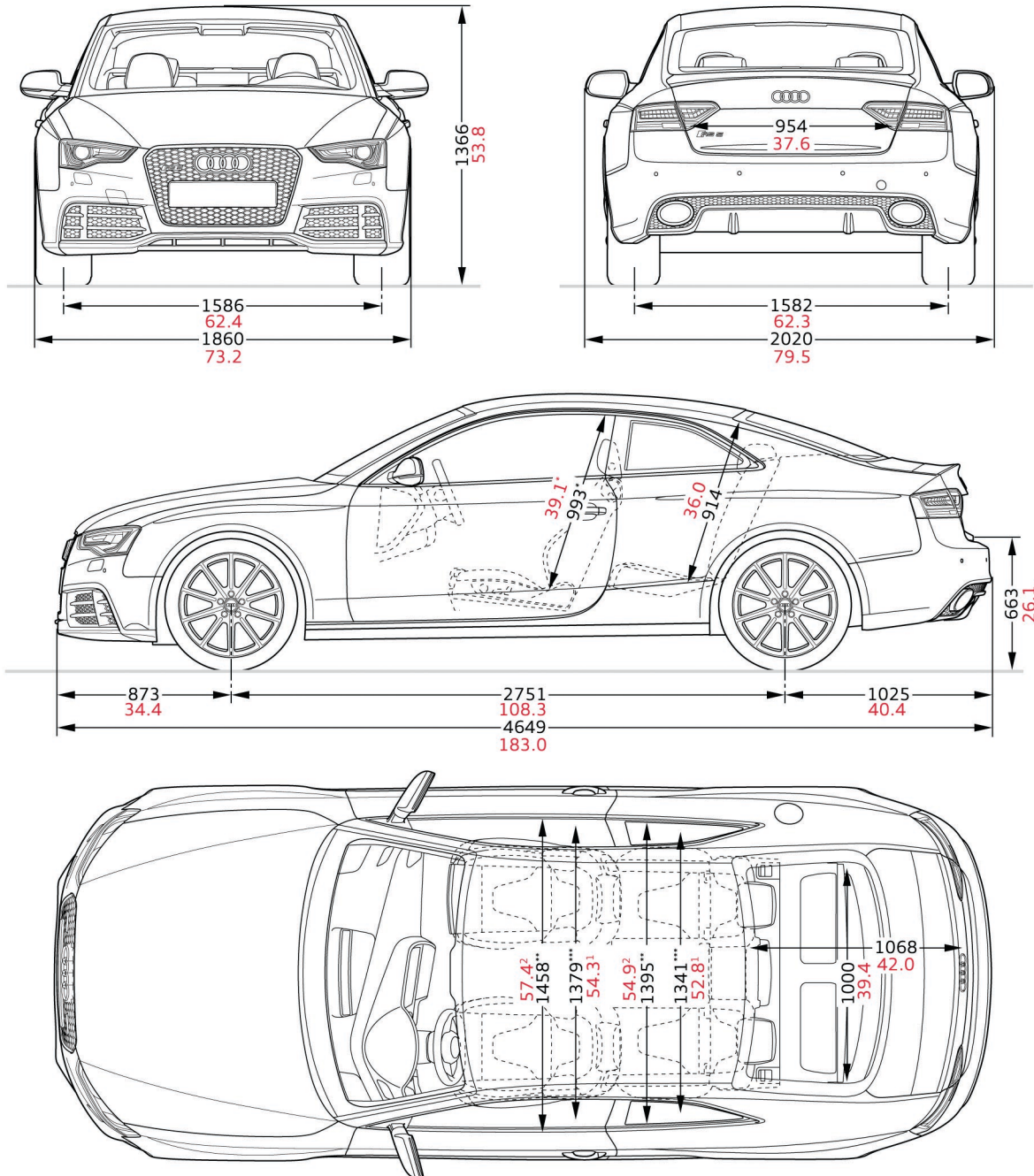
■ = Standard □ = Optional — = Not Available

\*See [www.fueleconomy.gov](http://www.fueleconomy.gov) for EPA estimates. Your mileage will vary.



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## 2013 Audi RS 5



<sup>1</sup> Shoulder

Luggage capacity (cu ft) 12.2

<sup>2</sup> Wheel

<sup>3</sup> Wheel