

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)	3.36 (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	220@4450-6000 (162 kw)	333@5500-6500 (245 kw)	450@8250 (331 kw)
Torque @ rpm (lb-ft)	258@1500-4300 (350 nm)	325@2900-5300 (440 nm)	316@4000-6000(430 nm)
Induction/Fuel injection	Turbocharged/FSI®	Supercharged/FSI®	FSI®
Audi multitronic® FWD CVT (0-60 mph) (seconds) (Cabriolet)	7.1	—	—
Audi quattro® manual (0-60 mph) (seconds) (Coupe)	6.3	4.9	—
Audi quattro® tiptronic® (0-60 mph) (seconds) (Coupe/Cabriolet)	6.1/6.6	—	—
Audi quattro® S tronic® (0-60) (seconds) (Coupe/Cabriolet)	—	4.9/5.3	4.5/4.9
Top Track Speed* (mph)	130 (209 km/h)	155 (250 km/h)	174 (280 km/h)

*Top track speed electronically limited in U.S. Obey all traffic and safety laws

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 w/ 2 intercoolers, 2 charge movement flaps, chain driven, 4 valves per cylinder	DOHC, 4-valves per cylinder, hydraulic adjustment

Engine Design (continued)

	A5	S5	RS 5
Supercharger/Turbocharger	—	Eaton R1320	—
Max Boost	—	0.8 BAR/11.6 psi	—
Emissions	Tier2 BIN5/ULEV II	Tier2 BIN5/ULEV II	EU 5/LEV2
Start-stop efficiency system	—	—	—

Body/Suspension/Chassis

	A5	S5	RS 5
Five-link front suspension w/ stabilizer bar	■	■	■
Sport suspension calibration	□	—	—
S5 sport suspension calibration	—	■	—
Adaptive dampening suspension	—	□	—
RS 5 sport suspension calibration	—	—	■
Electromechanical power steering system	■	■	■
quattro® with sport 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)

Wheels and Tires

	A5	S5	RS 5
A. 8.5J x 18 5-spoke V-design wheels 245/40 93H all-season tires	■	—	—
B. 8.5J x 18 5-arm dynamic design wheels 245/40 93H all-season tires	□	—	—
C. 8.5J x 19 10-spoke design wheels 255/35 96Y XL summer performance tires	□	—	—
D. 9.0J x 19 5-Arm Rotor-design titanium finish wheels 255/35 96Y XL summer performance tires	□	□	—
E. 9.0J x 19 5-segment-spoke design titanium finish wheels 275/30 97Y XL summer performance tires	□	—	—

Wheels and Tires (continued)

	A5	S5	RS 5
F. 8.5J x 18 5-parallel-spoke S design wheels 245/40 93Y summer performance tires*	—	■	—
G. 9.0J x 19 5-segment-spoke design wheels 255/35 96Y XL summer performance tires*	—	□	—
H. 9.0J x 19 10-spoke RS-design wheels 265/35 98Y XL summer performance tires*	—	—	■
I. 9.0J x 20 5-arm-rotor design titanium finish wheels 275/30 97Y XL summer performance tires*	—	—	□
J. 9.0J x 20 5-arm-rotor design silver finish wheels 275/30 97Y XL summer performance tires*	—	—	□

*Tires are supplied and warranted by their manufacturer. High-performance tires are designed for optimum performance and handling in warm climates. They are not suitable for cold, snowy, or icy weather conditions. If you drive under those circumstances, you should equip your vehicle with all-season or winter tires, which offer better traction under those conditions. We suggest you use the recommended winter or all-season tire specified for your car or its equivalent. These high-performance tires also have a lower aspect ratio that aids performance and handling; however, in order to avoid tire, rim, or vehicle damage, it is important that the inflation pressure is regularly checked and maintained at optimum levels. Please also remember in making your selection that, while these tires deliver responsive handling, they may ride less comfortably and make more noise than other choices. Finally, these tires may wear more quickly than other choices.

Transmission/Drivetrain

	A5	S5	RS 5
Audi multitronic® FWD CVT (Coupe/Cabriolet only)	NA / ■	—	—
Six-speed manual transmission w/ Audi quattro® all-wheel drive (Coupe/Cabriolet)	■ / NA	■ / NA	—
Eight-speed Tiptronic® automatic transmission w/ Audi quattro® all-wheel drive (Coupe/Cabriolet)	□ / □	—	—
Seven-speed Audi S tronic® dual-clutch transmission w/ Audi quattro® all-wheel drive (Coupe/Cabriolet)	—	□ / ■	■ / ■
Gear Ratios:	Tiptronic®	multitronic	Manual
1st	4.714: 1	2.436: 1	3.667: 1
2nd	3.143: 1	1.626: 1	2.158: 1
3rd	2.106: 1	1.231: 1	1.520: 1
4th	1.667: 1	0.976: 1	1.133: 1
5th	1.285: 1	0.783: 1	0.919: 1
6th	1.000: 1	0.628: 1	0.778: 1
7th	0.839: 1	0.499: 1	-
8th	0.667: 1	0.382: 1	-
Reverse	3.317: 1	2.919: 1	3.222: 1
Final Drive	2.848: 1	4.612: 1	3.682: 1
Gear Ratios:	Manual	S tronic®	
1st	3.778: 1	3.692: 1	
2nd	2.050: 1	2.150: 1	
3rd	1.321: 1	1.406: 1	
4th	0.970: 1	1.025: 1	
5th	0.757: 1	0.787: 1	—
6th	0.625: 1	0.625: 1	
7th	-	0.519: 1	
Reverse	3.333: 1	2.944: 1	
Final Drive	3.693: 1	3.875: 1	

Exterior Measurements

	A5	S5	RS 5
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: 54.2 (1380 mm)	Coupe: 53.8 (1366 mm) Cabriolet: 54.2 (1380 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 front/rear (in)	62.6/62.1 (1590/1577 mm)	62.5/62.0 (1588/1575 mm)	62.4/62.3 (1586/1582 mm)
Curb Weight (lbs)	Coupe: 3,682 (1670 kg) (quattro tiptronic) Coupe: 3,583 (1625 kg) (quattro M/T) Cabriolet: 3,880 (1760 kg) (FWD multitronic) Cabriolet: 4,045 (1835 kg) (quattro tiptronic)	Coupe: 3,858 (1750 kg) (quattro M/T) Coupe: 4,045 (1780 kg) (quattro S tronic) Cabriolet: 4,310 (1955 kg) (quattro S tronic)	Coupe: 4,009 (1820 kg) (quattro S tronic) Cabriolet: 4,420 (2005 kg) (quattro S tronic)
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 = 0.32/0.34 Front Area = 2.2/2.18 sq. m.

Interior Measurements

	A5	S5	RS 5
Headroom Sunroof (in, front/rear)	Coupe: 37.5/36.0 (953/914 mm) Cabriolet: 40.0/36.3 (1016/922 mm)	Coupe: 37.5/36.0 (953/914 mm) Cabriolet: 40.0/36.3 (1016/922 mm)	37.5/36.0 (953/914 mm)
Headroom Sunshade (in, front/rear)	Coupe: 37.6/36.0 (955/914 mm) Cabriolet: n/a / n/a	Coupe: 37.6/36.0 (955/914 mm) Cabriolet: n/a / n/a	37.6/36.0 (955/914 mm)
Leg Room (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)

Interior Measurements (continued)

	A5	S5	RS 5
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	12.4
Seating Capacity	4	4	4

EPA mileage estimates*/Capacities

	A5	S5	RS 5
Audi multitronic® transmission (City/Highway/Combined)* (Cabriolet only)	24/ 32/ 27 mph	—	—
Manual transmission (City/Highway/Combined)* (Coupe only)	22/ 32/ 26 mph	17/ 26/ 20 mph	—
Tiptronic® automatic transmission (City/Highway/Combined)*	Coupe: 20/ 29/ 24 mph Cabriolet: 20/ 29/ 24 mph	—	—
Audi S tronic® dual-clutch automatic transmission (City/Highway/Combined) *	—	Coupe: 18/ 28/ 21 mph Cabriolet: 18/ 26/ 21 mph	Coupe: 16/ 23 /18 mph Cabriolet: 16/ 22 /18 mph
Engine Oil (qt)	4.9	7.2	11.3
Coolant System (qt)	—	—	10.2
Fuel (gal)	16.1	16.1	16.1
Recommended Fuel	Premium	Premium	Premium

*Your mileage will vary and depends on several factors including driving habits and vehicle conditions.

Steering

	A5	S5	RS 5
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)	37.4 (11.4 m)

Electrical System

	A5	S5	RS 5
Battery	12 Volts - 80 amp	12 Volts - 80 amp	12 Volts - 80 amp
Alternator	14 Volts - 150 amp	14 Volts- 150 amp	14 Volts- 190 amp

Infotainment

	A5	S5	RS 5
Audi concert system w/ 1CD player (MP3 capable), AM/FM radio, Auxiliary input jack, SD card slot for MP3 files & speed-dependent volume control	■	■	■
Audi MMI® Navigation plus system w/: TFT color, WVGA, 7" display screen (user-friendly control interface) control knob w/ joystick & buttons in center console. Operates climate control, central locking, instrument cluster, vehicle diagnostics, cellular phone, navigation, CD & radio functions. (single CD/DVD player)	□	□	□
Audi connect® w/ six-month trial subscription w/ MMI® Navigation plus only	□	□	□
Audi MMI® Radio plus system for controlling Infotainment/Climate/Car Setup (w/ 6.5" color screen)	■	■	■
Audi music interface w/ iPod® integration (requires compatible device)	■	■	■
Audi six-channel DSP extended sound system w/ 10 speakers including subwoofer, 180W sound system	■	■	■
Bang & Olufsen® Sound System w/ 14 speakers & 505 watts (includes Dolby Digital 5.1 & noise compensation) (12 speakers on Cabriolet models)	□	□	□
BLUETOOTH® streaming audio (requires compatible device) w/ MMI® Navigation plus only	□	□	□
BLUETOOTH® wireless technology preparation for mobile phone (requires compatible device)	■	■	■
Backlit instrument cluster w/ automatic brightness control: - Tachometer, speedometer, digital clock w/ date, fuel gauge, coolant temperature gauge, white illumination w/ red pointers (white pointers on S5)	■	■	■
Clock in the MMI®	■	■	■
Driver information center: - Five-function trip computer (Fuel range, average fuel mileage, current fuel mileage, average speed & elapsed time & digital trip odometer) operated by toggle switch at end of windshield wiper stalk - Outside temperature display - Digital speed display - Radio/telephone display - Active Auto Check system w/ speed warning device - Pictogram display for open door & deck lid - Efficiency Program	■	■	■

Infotainment (continued)

	A5	S5	RS 5
8-Color driver information system (included w/ Audi MMI® Navigation plus system)	□	■	■
HD Radio™ Technology	■	■	■
In-dash single CD player (+DVD capability w/ Audi MMI® Navigation plus)	■	■	■
SD card slot w/ 32GB capacity (dual slots if Audi MMI® Navigation plus selected)	■	■	■
SiriusXM Satellite Radio w/ 90-day trial subscription	■	■	■
SiriusXM Traffic w/ 4-year subscription	□	□	□
Voice control system (controls cellular phone, CD, radio & navigation), includes speech-to-text engine (Coupe only)	□	□	□

Warranty/Maintenance

	A5	S5	RS 5
	4- Year/50,000 mile new vehicle limited warranty*	4- Year/50,000 mile new vehicle limited warranty*	4- Year/50,000 mile new vehicle limited warranty*
	12- Month/5,000 mile (whichever occurs first) NO CHARGE first scheduled maintenance*	12- Month/5,000 mile (whichever occurs first) NO CHARGE first scheduled maintenance*	12- Month/5,000 mile (whichever occurs first) NO CHARGE first scheduled maintenance*

*See dealer or owner's literature for details.

- = Standard
- = Optional
- = Not Available