



Technical Specifications		S5
ENGINE:		
Type	V8 gasoline direct injection DOHC	
Arrangement	Front mounted, longitudinal	
Bore	3.3268 in.	84.5 mm
Stroke	3.6535 in.	92.8 mm
Displacement	254.04 cu. in.	4163 cc
Compression ratio	11.0:1	
Fuel requirement	Unleaded Super, 95 RON (unleaded regular, 91 RON, as an alternative with slight reduction in performance)	
Horsepower (SAE)	354 hp @	6800 rpm
Max. Torque	325 lb-ft @	3500 rpm
ENGINE DESIGN:		
Cylinder block	Aluminum alloy	
Cylinder head	Aluminum alloy	
Valve train / intake	DOHC, two-stage intake manifold	
Cooling system	Water-cooled, thermostatically controlled radiator fan	
Fuel injection /	Fully electronic engine management with FSI direct injection	
Emission system	Catalytic converters with oxygen sensors	
ELECTRICAL SYSTEM:		
Battery	12 volts	110 amp x h
Alternator	14 volts	180 amp x h
DRIVETRAIN:		
Transmission	6-speed manual transmission with synchromesh on all gears, hydraulic single-disc clutch with dual mass flywheel	
Type	6-speed Tiptronic automatic transmission	
Gear ratios:	1st	3.667
	2nd	2.050
	3rd	1.462
	4th	1.133
	5th	0.919
	6th	0.778
	Reverse	3.330
	Final Drive front / rear	3.889
Front Differential	Hypoid gear, electronically locking (EDL)	
Center Differential	Self-locking center differential with asymmetric/dynamic torque split 40F/60R	
Rear Differential	Hypoid gear, electronically locking (EDL)	
STEERING:		
Type	Rack and pinion with Servotronic electric power assist	
Ratio	16.3:1	
Turning circle (curb-to-curb)	37.4 ft.	11.4 m
SUSPENSION:		
Front	5-link front suspension with upper and lower wishbones	
Rear (quattro)	Trapezoidal link independent rear suspension with anti-dive compensation	



Technical Specifications (continued)		S5
BRAKES:		
Service brake	Dual-circuit brake system with diagonal split, ESP with electronic brake force distribution EBD, ABS; brake assist with tandem brake booster; front: ventilated discs, rear: discs	
Front, size and type	13.6 in.	345 mm - Vent. disc
Rear, size and type	13.0 in.	330 mm - Vent. disc
Parking brake	Electromechanically actuated at the rear wheels	
BODY:		
Material	Galvanized steel with aluminum front fenders	
Corrosion protection	Multi-step anti-corrosion protection	
CAPACITIES:		
Engine oil	11.3 qt.	10.7 liter
Fuel tank	16.6 gal.	63 liter
Cooling system	12.9 qt.	12.2 liter (incl. heating)
EXTERIOR DIMENSIONS:		
Wheelbase	108.3 in.	2750.8 mm
Track: front / rear	62.6/62.1 in.	1590/1577
Overall length	182.5 in.	4635.5 mm
Overall width	78 in.	1981.2 mm (includes mirrors)
Height	53.9 in.	1369.1 mm
Curb weight	3858 lbs. - manual	3935 lbs. - Tiptronic
Distribution % front / rear	51/49	
INTERIOR DIMENSIONS:		
Seating Capacity	4	
EPA class	Subcompact	
Head room	39.1 in.	993 mm
Shoulder room	54.3 in.	1379 mm
Int. vol. (EPA)	84.0 cu. ft.	
Luggage capacity (EPA)	12.0 cu. ft.	
PERFORMANCE:		
0-60 mph	4.9 / 5.1 sec. (manual / Tiptronic)	
Top speed	Electronically limited to 155 mph (250kph)	
FUEL ECONOMY:		
	Manual	Tiptronic
City	14 mpg	16 mpg
Highway	22 mpg	24 mpg
Combined	17 mpg	19 mpg

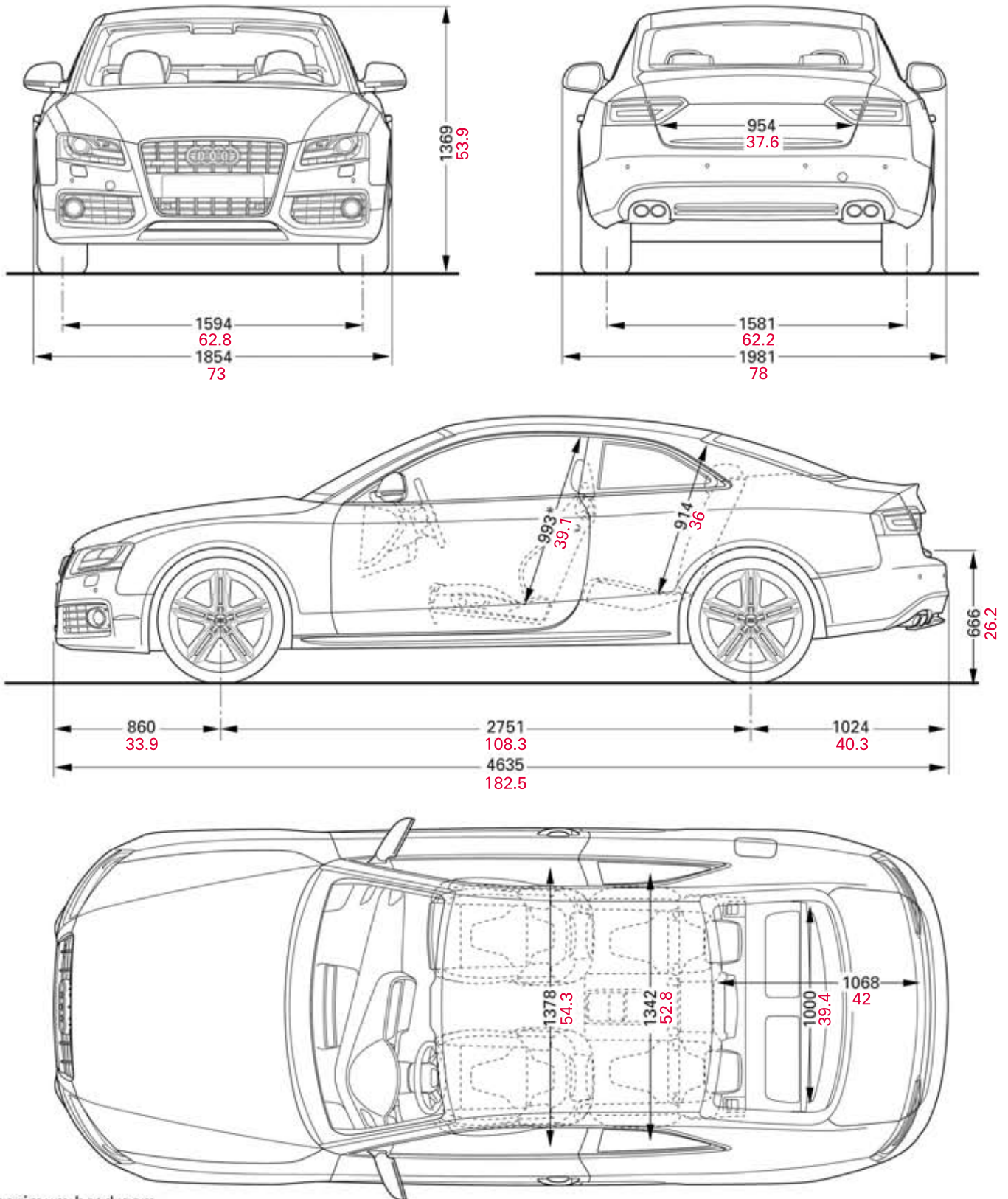
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Dimensions

03/07



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* maximum headroom

Dimensions in millimeters and inches

Dimensions of vehicle unloaded