



Cadillac Product Information

2016 CADILLAC ATS-V PRELIMINARY SPECIFICATIONS

Overview

Model:	Cadillac ATS-V coupe and sedan
Body style / driveline:	2-door luxury sport luxury coupe (RWD) or 4-door sport luxury sedan (RWD)
Construction:	unitized welded steel body with direct-mounted front cradle and rubber-isolated, multi-link independent rear suspension
GM vehicle class:	compact luxury car

Engines

	3.6L V-6 Twin-Turbocharged DI VVT
Displacement (cu in / cc):	217 / 3564
Bore & stroke (in / mm):	3.7 x 3.37 / 94 x 85.6
Block material:	cast aluminum
Cylinder head material:	cast aluminum
Valvetrain:	DOHC, four valves per cylinder, continuously variable valve timing
Fuel delivery:	direct high-pressure fuel injection
Compression ratio:	10.2:1
Horsepower (hp / kW @ rpm):	455 / 339 @ 5750 (est.)
Torque (lb-ft / Nm @ rpm):	445 / 603 @ 3500 (est.)
Recommended fuel:	premium
Max engine speed (rpm):	6500
Estimated fuel economy (city / hwy):	TBD

Transmissions

	TREMEC TR6060	Hydra-Matic 8L90
Type:	fully synchronized six-speed manual with double overdrive; active rev matching and no-lift shifting features	paddle-shift eight-speed, electronically controlled, automatic overdrive with torque converter clutch
Gear ratios (:1):		
First:	3.01	4.56
Second:	2.07	2.97
Third:	1.43	2.08
Fourth:	1.00	1.69
Fifth:	0.84	1.27
Sixth:	0.57	1.00
Seventh:	--	0.85
Eighth:	--	0.65
Reverse:	3.28	3.82
Final drive ratio:	3.73	2.85



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Chassis / Suspension

Configuration:	rear-wheel drive
Differential:	electronic limited-slip
Front suspension:	MacPherson-type with dual lower ball joints and direct-acting stabilizer bar; magnetic ride control with monotube inverted struts
Rear suspension:	independent five-link with magnetic ride control
Steering type:	ZF rack-mounted electric, power-assisted and variable assist
Steering ratio:	15.54 (on center) to 11.1 (full lock)
Steering turns, lock to lock:	2.35
Turn circle (ft / m):	38.38 / 11.7
Chassis control:	four-channel StabiliTrak w/ brake assist and traction control; Performance Traction Management

Wheels and Tires

Wheel size and type:	18 x 9-inch front / 18 x 9.5-inch rear aluminum
Tire size:	front: 255/35ZR18 Michelin Pilot Super Sport rear: 275/35ZR18 Michelin Pilot Super Sport

Brakes

Type:	four-wheel disc; four-channel ABS/TCS w/ DRP; Brembo brakes with staggered six-piston calipers (front) and four-piston calipers (rear)
Rotor type and thickness (in / mm):	front: 14.5 x 1.34 (370 x 34) vented, with Ferritic Nitro Carburized process for corrosion resistance rear: 13.3 x 1.02 (339 x 26) vented, with Ferritic Nitro Carburized process for corrosion resistance

Dimensions

Exterior

Wheelbase (in / mm):	109.3 / 2775
Length (in / mm):	184.7 / 4691 – Coupe 184 / 4673 – Sedan
Height (in / mm):	54.5 / 1384 – Coupe 55.7 / 1415 – Sedan
Width (in / mm):	72.5 / 1841 – Coupe 71.3 / 1811 – Sedan
Track (in / mm):	front: 60.5 / 1538 – Coupe front: 60.5 / 1538 – Sedan rear: 61.4 / 1559 – Coupe rear: 60.4 / 1536 – Sedan
Curb weight (lb / kg):	TBD
Weight distribution (% front / rear):	51 / 49

Interior

Legroom (in / mm):	front: 42.3 / 1074 rear: 33.5 / 850
Headroom (in / mm):	front: 37.6 / 954 rear: 35.1 / 891
Shoulder room (in / mm):	front: 54.1 / 1375 rear: 51.1 / 1298
Hip room (in / mm):	front: 54.1 / 1374 rear: 44.5 / 1131



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Capacities

Seating capacity (front / rear):	2 / 2 – Coupe 2 / 3 – Sedan
EPA passenger volume (cu ft / L):	83.9 / 2377
EPA trunk volume (cu ft / L):	10.4 / 295
Fuel tank (gal / L):	16 / 60.5
Engine oil (qt / L):	TBD
Cooling system (qt / L):	TBD

Note: Information shown is current at time of publication. Please visit <http://media.gm.com> for updates.