



Zurich, March 1, 2017

2017 Cadillac CTS-V technical specifications sheet

V Series	
6.2L supercharged V-8 RWD	
Engines:	
Engine, location, material:	front mounted, longitudinal
Cylinders, number and arrangement:	8, in V
Valvetrain:	overhead valve, two valves per cylinder
Bore (mm):	103.25
Stroke (mm):	92
Displacement (cc):	6162
Compression ratio: 10 : 1	10 : 1
Fuel requirements:	Unleaded Petrol, 95 RON
Fuel feed:	direct injection
Max. engine power (kW/HP at min-1):	477kW / 649hp @ 6400
Max. torque (Nm at min-1):	855 @ 3600
Max. engine speed (min-1):	6600
Engine oil, capacity (l):	9.5
Cooling system capacity (l):	11.3

TRANSMISSIONS

Transmission, type:	Hydra-Matic paddle-shift eight-speed, electronically controlled, automatic overdrive with torque converter clutch
Gear ratios:	
1st ratio 4.560 2nd ratio	2.970
3rd ratio 2.080 4th ratio	1.690
5th ratio 1.270 6th ratio	1.000
7th ratio 0.850 8th ratio	0.650
Reverse ratio	3.820
Final drive ratio	2.850

CHASSIS AND SUSPENSION

Drive axle:	rear-wheel drive
Differential:	electronic limited-slip
Front suspension:	McPherson-type with dual lower ball joints, direct-acting stabilizer bar and Magnetic Ride Control with monotube inverted struts
Rear suspension:	Independent five-link with Magnetic Ride Control with monotube shocks
Steering type:	ZF rack-mounted electric, power-assisted and variable assist
Steering ratio / turns, lock-to-lock:	15.5 / 2.37
Turning circle, curb-to-curb (m):	12.3

BRAKES

Type:	four-wheel disc; four-channel ABS/TCS w/ DRP; Brembo brakes with staggered six-piston calipers (front) and four-piston calipers (rear)
Brakes front, diameter (mm):	ventilated, with Ferritic Nitro Carburized process for corrosion resistance, 390
Brakes rear, diameter (mm):	ventilated, with Ferritic Nitro Carburized process for corrosion resistance, 365
Body and chassis control system:	four-channel StabiliTrak w/ brake assist and traction control; Performance Traction Management

MASSES & DIMENSIONS

Exterior Dimensions	
Length (mm):	5050 w Carbon Pack / 5019 w/o Carbon Pack
Width (mm):	1863
Width (inc. Mirrors (mm):	2052
Height (mm):	1447
Wheelbase (mm):	2910
Track front/rear (mm):	1560 / 1568
Interior Arrangement and Dimensions	
Seating capacity and configuration:	5 (2 (1st row), 3 (2nd row))
Leg Room front/rear (mm):	1160 / 899
Sholder Room front/rear (mm):	1446 / 1392
Hip Room front/rear (mm):	1366 / 1353
Head Room front/rear (mm):	1026 / 952
Luggage capacity (L):	447
Curb weight (kg):	1850
Mass in running order (kg):	1925 – 1980
Weight distribution (% front / rear):	52.7 / 47.3
Max. permissible laden mass (kg):	2350
Max. permissible axle mass front/rear (kg):	1150 / 1270
Fuel tank capacity (L):	72

PERFORMANCE & EFFICIENCY

Top speed (km/h):	320
Acceleration 0 - 100km/h (sec):	3.7
Fuel consumption (liter/100 km):	
urban:	20.0
extra-urban:	8.9
combined:	13.0
CO2 emission combined (g/km):	
urban:	459
extra-urban:	203
combined:	298