

2021 CHEVROLET CORVETTE STINGRAY SPECIFICATIONS

EPA-EST. MPG

15 city / 27 hwy

FUEL TANK CAPACITY (gallons / liters – approx.)

18.5 / 70

ENGINE

Type: LT2 6.2L V8 VVT with direct injection and Active Fuel Management (cylinder deactivation)

Bore & stroke (in / mm): 4.06 x 3.62 / 103.25 x 92

Block Material: A319-T7 cast aluminum with cast-in iron cylinder liners and nodular main bearing caps

Oiling System: Dry sump-type (7.5-qt. capacity); includes oil-spray piston cooling

Oil Type: Dexos 2 0W40 synthetic

Cylinder Head Material: 319-T7 cast aluminum

Combustion Chamber volume: 59cc

Compression Ratio: 11.5:1

Valvetrain: Overhead valve, two valves per cylinder; dual-equal variable valve timing.

Valve Size (in / mm): 2.13 / 54 hollow (intake) & 1.59 / 40.4 sodium filled (exhaust)

Fuel Delivery: Direct injection with Active Fuel Management: Max pressure: 2,175 psi (15 Mpa / 150 bar)

Firing Order: 1-8-7-2-6-5-4-3 (all cylinders); 1-7-6-4 (with deactivation)

Throttle body: 87mm single bore (electronic)

ECU: GM E99 (32-bit processing)

Horsepower 490 / 365 @ 6450 rpm (standard)

(hp / kW): 495 / 369 @ 6450 rpm (with avail. performance exhaust)

Torque 465 / 630 @ 5150 rpm (standard)

(lb.-ft./ Nm): 470 / 637 @ 5150 rpm (with performance exhaust)

TRANSMISSION & AXLE

Type: M1L 8-speed dual clutch (DCT)

CHASSIS & SUSPENSION

Front Suspension: Short/long arm (SLA) double wishbone, forged aluminum upper and cast aluminum L-shape lower control arms; monotube shock absorbers (46mm /); Magnetic Selective Ride Control 4.0 available. Adjustable front lift with memory is available

Rear Suspension: Short/long arm (SLA) double wishbone, forged aluminum upper and cast aluminum L-shape lower control arms; direct-acting stabilizer bar; monotube shock absorbers (46mm); Magnetic Selective Ride Control 4.0 available.

Steering Type: variable-ratio rack-and-pinion with electric power assist; includes Active Steer Stops with available Magnetic Ride Control 4.0

Steering ratio: 15.7:1

Turning Circle 38 / 11.6 (standard)

(ft. / m): 36.4 / 11.1 (with FE2/FE4 Magnetic Ride Control)

Brake Type: Front and rear E-boost-assisted discs with Brembo four-piston/two-piece front calipers and four-piston/monobloc rear calipers
With Z51: Front and rear E-boost-assisted discs with Brembo four-piston monobloc calipers, front and rear

Brake Rotor Size Front: 12.6 x 1.18 (321 x 30)

(in / mm): Front: 13.6 x 1.18 (345 x 30) – with Z51
Rear: 13.3 x 1.02 (339 x 26)
Rear: 13.8 x 1.06 (350 x 27) – with Z51

Wheel Size:	Front: 19-inch x 8.5-inch (w/5 x 120mm bolt pattern) Rear: 20-inch x 11-inch (w/5 x 120mm bolt pattern)
--------------------	--

Tire Type and Size: Stingray: Michelin Pilot Sport ALS
Stingray with Z51: Michelin Pilot Sport 4S
Front: 245/35ZR19
Rear: 305/30ZR20

^ Do not use summer-only tires (Z51) in winter conditions, as it would adversely affect vehicle safety, performance and durability. Use only GM-approved tire and wheel combinations. Unapproved combinations may change the vehicle's performance characteristics. For important tire and wheel information, go to: my.chevrolet.com/learn/tires/ or see your dealer.

EXTERIOR DIMENSIONS

Wheelbase 107.2 / 2722
(in. / mm):

Overall Length (in. / mm):	182.3 / 4630
---	--------------

Overall Width 76.1 / 1933
(in. / mm):

Overall Height (in. / mm):	48.6 / 1234
---	-------------

Track (in. mm): Front: 64.9 / 1648
Rear: 62.4 / 1585

INTERIOR DIMENSIONS

Headroom (in. / mm): 37.9 / 962

Legroom (in. / mm):	42.8 / 1087
----------------------------	-------------

Shoulder Room 54.4 / 1382

(in. / mm):

Hip Room (in. / mm):	52 / 1321
----------------------	-----------

WEIGHTS & CAPACITIES

Dry Weight	3366 / 1530 (coupe)
(lb. / kg):	3467 / 1576 (convertible)

Cargo Volume	12.6 / 356.8
(cu. ft. / L)^:	

^ Cargo and load capacity limited by weight and distribution.

SAFETY & DRIVER AWARENESS FEATURES

Airbags^: frontal and side-impact for driver and front passenger. Includes Passenger Sensing System

Standard Tire Pressure Monitor System; tire pressure monitor includes tire fill alert Standard Run Flat tires

HD Rear Vision Camera^^ (1LT); HD Front and Rear Vision Cameras^^ with front curb view (2LT and 3LT); Rear Park Assist^^; Side Blind Zone Alert^^ (2LT and 3LT); Rear Cross Ttraffic Alert^^ (2LT and 3LT); and Head-Up Display^^ (2LT and 3LT)

^ Always use seat belts and child restraints. Children are safer when properly secured in a rear seat in the appropriate child restraint. See your vehicle Owner's Manual for more information.

^^Read the vehicle's owner's manual for more important feature limitations and information.