



2024 CHEVROLET CORVETTE STINGRAY SPECIFICATIONS

FUEL TANK CAPACITY (APPROX.)

70 liters

ENGINE

Type	LT2 6.2L V-8 VVT with direct injection and Active Fuel Management (cylinder deactivation)
Bore & Stroke (mm)	103.25 × 92
Block Material	A319-T7 cast aluminum with cast-in iron cylinder liners and nodular main bearing caps
Oiling System	Dry sump-type (7.1L 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 (mm)	54 hollow (intake) & 40.4 sodium filled (exhaust)
Fuel Delivery	Direct injection with Active Fuel Management; Max pressure: 2,900 psi (20 Mpa / 200 bar)
Firing Order	1-8-7-2-6-5-4-3 (all cylinders); 1-7-6-4 (with deactivation)
Throttle Body	87 mm single bore (electronic)
ECU	GM E99 (32-bit processing)
Horsepower (hp/kW)	482 / 354 DIN @ 6450 rpm
Torque (Nm)	613 @ 4500 rpm

TRANSMISSION & AXLE

Type	M1L 8-speed dual clutch (DCT)
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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 (46 mm); 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 (m)	11.1
Brake Type	Front and rear E-boost-assisted discs with Brembo fourpiston/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 (mm)	Front 345 × 30 Rear 350 × 27
Wheel Size	Front 19-inch × 8.5-inch Rear 20-inch × 11-inch
Tire Type and Size	Michelin Pilot Sport 4S Front 245/35ZR19 Rear 305/30ZR20

¹ 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/ltires/ or see your dealer.

EXTERIOR DIMENSIONS

Wheelbase (mm)	2722
Overall Length (mm)	4634
Overall Width (mm)	1934
Overall Height (mm)	Coupe 1235, Convertible 1234
Track (mm)	Front 648 Rear 1585

INTERIOR DIMENSIONS

Headroom (mm)	962
Legroom (mm)	1087
Shoulder Room (mm)	1382
Hip Room (mm)	1321



WEIGHTS & CAPACITIES

Mass in running order (kg)	1730 kg – 1740 kg (coupe) 1767 kg – 1775 kg (convertible)
Cargo Volume (L)¹	356.8 (combined front and rear)

¹ Cargo and load capacity limited by weight and distribution.

PERFORMANCE

0-100 km/h	3.5 seconds ¹
Top Speed	296 km/h

¹ Requires available Z51 and Magnetic Selective Ride Control

SAFETY & DRIVER AWARENESS FEATURES

Airbags¹: frontal and side-impact for driver and front passenger.
Includes Passenger Sensing System

Standard Tire Pressure Monitor System (includes tire fill alert)
Standard Run Flat tires

Standard features: Rear Park Assist², Following Distance Indicator², Forward Collision Alert², Lane Keep Assist with Lane Departure Warning², IntelliBeam auto high beams, Automatic Emergency Braking², Front Pedestrian and Bicyclist Braking², and Rear Camera Mirror²
HD Rear Vision Camera² (1LT)
HD Front and Rear Vision Cameras² with front curb view (2LT and 3LT)
Side Blind Zone Alert² (2LT and 3LT)
Rear Cross Traffic Alert² (2LT and 3LT)
Head-Up Display² (2LT and 3LT)

¹ 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.

² Safety or driver-assistance features are no substitute for the driver's responsibility to operate the vehicle in a safe manner. Read the vehicle Owner's Manual for more important feature limitations and information.