



2024 CHEVROLET CORVETTE E-RAY SPECIFICATIONS

FUEL TANK CAPACITY (APPROX.)

70 liters

ENGINE

Type	LT2 6.2L V-8 VVT with direct injection and Active Fuel Management (cylinder deactivation) and Stop/Start
Bore & Stroke (mm)	3.62 x 92
Block Material	A319-T7 cast aluminum with cast-in iron cylinder liners and nodular main bearing caps
Oiling System	Dry sump-type (7.1L. 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	11.51
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)	482/369 DIN @ 6450 rpm
Torque (Nm)	637 @ 5150 rpm

TRANSMISSION & AXLE

Type	M1L 8-speed dual clutch (DCT)
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ELECTRIFICATION SYSTEM

Type	Single motor and gearset
Motor	Permanent magnetic drive motor
Power	161 hp DIN / 119 kW
Torque (Nm)	195
Battery Type	Lithium-ion
Energy	1.9 kWh
Combined Power (with engine)	643 hp / 515 kW



CHASSIS & SUSPENSION

Front Suspension	FE5 Short/long arm (SLA) double wishbone, forged aluminum upper and cast aluminum L-shape lower control arms; monotube shock absorbers; Magnetic Selective Ride Control 4.0. Adjustable front lift with memory is available
Rear Suspension	FE5 Short/long arm (SLA) double wishbone, forged aluminum upper and cast aluminum L-shape lower control arms; direct-acting stabilizer bar; monotube shock absorbers; Magnetic Selective Ride Control 4.0
Steering Type	Variable-ratio rack-and-pinion with electric power assist; includes Active Steer Stops with Magnetic Ride Control 4.0
Steering Ratio	15.71
Turning Circle (m)	11.6
Brake Type	Front and rear eBoost-assisted carbon ceramic discs with Brembo® four-piston monobloc calipers, front and rear
Brake Rotor Size (mm)	Front 398 × 38 Rear 391 × 34
Wheel Size	Front 20-inch × 10-inch Rear 21-inch × 13-inch
Tire Size	Front 275 / 30ZR20 Rear 345 / 25ZR21

EXTERIOR DIMENSIONS

Wheelbase (mm)	2722
Overall Length (mm)	4731 - 4734
Overall Width (mm)	2024
Overall Height (mm)	Coupe 1237 Convertible 1236
Track (mm)	Front 685 Rear 1678

INTERIOR DIMENSIONS

Headroom (mm)	962
Legroom (mm)	1087
ShoulderRoom(mm)	1382
HipRoom(mm)	1321



WEIGHTS & CAPACITIES

Mass in running order (kg)	1907 kg - 1919 kg (coupe) 1944 kg - 1954 kg (convertible)
Cargo Volume (L)¹	355 (combined front and rear)

¹ Cargo and load capacity limited by weight and distribution.

PERFORMANCE

0-100 km/h	2.9 seconds ¹
Max Lateral G Force	1.1g ²

¹ Requires Carbon fiber wheels

² On a 300-foot skid pad.

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 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, Rear Camera Mirror² and Head-Up Display
HD Rear Vision Camera² (1LZ)
HD Front and Rear Vision Cameras² with front curb view (2LZ and 3LZ)
Rear Camera Mirror (2LZ and 3LZ)
Side Blind Zone Alert² (2LZ and 3LZ)
Rear Cross Traffic Alert² (2LZ and 3LZ)

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.