

CHEVROLET CORVETTE Z06

BORN FOR THE
RACETRACK



UNCOMPROMISING
ON THE TRACK,
CULTIVATED IN
EVERYDAY LIFE



A MASTERPIECE OF PERFORMANCE AND EXCLUSIVITY

The Chevrolet Corvette Z06, developed in close co-operation with the Corvette Racing Team, unleashes the full potential of the eighth Corvette generation.

From the mid-engine architecture and lightweight structure to the most powerful naturally aspirated V8 engine in series production, and from the chassis tuning to the sound of the exhaust system and fine-tuning of the software, all of this car's features are designed to convey the feeling of a real racing car. At the same time, the Z06 combines impressive exclusivity with a high level of comfort to offer an outstanding driving experience even off the racetrack.

UNBRIDLED PERFORMANCE, PERFECT CONTROL



THE ULTIMATE FOR FAST LAP TIMES

The new Z06 builds upon over six decades of Corvette racing history to set the standard as the most performance-focused road Corvette ever. With 646 HP and 595Nm of torque, its hand-built 5.5-litre LT6 V8 is the most powerful naturally aspirated V8 engine ever manufactured in serial production.

The standard Magnetic Selective Ride Control™ 4.0 damping system adapts to the road surface within milliseconds, while its track, which is 10 centimetres wider than the Stingray's, increases stability at high speeds. 6-piston brakes at the front and 4-piston brakes with carbon-ceramic discs* ensure outstanding braking performance.



Individually configurable: 12-inch driver display

INSPIRED BY MOTORSPORT, SHAPED BY THE WIND

PERFECTLY SHAPED FOR THE ULTIMATE DRIVING EXPERIENCE

With precisely optimised aerodynamic characteristics and lightweight construction, the Corvette Z06 strikes the perfect balance between breathtaking looks and exceptional performance. Every line and every curve is designed to accelerate the pulse and push the limits of speed on the race-track.



Form and function: Every fascinating aspect of the Corvette Z06 also improves performance.



70 YEARS OF CORVETTE



1968–1971



1973–1976

1978–1982

1984–1985

1986

1990

1991–1992

1996

1997



2014

2013

2010

2009

2006

2005

2001

1999



2015

2017

2019

2020

2023

2024





3LZ COUPÉ

- Removable headliner in body colour
- Rear-view mirror camera
- Heated and ventilated seats and heated steering wheel
- Memory comfort package
- Premium infotainment system and 8-inch HD colour touchscreen
- Bose® Performance Series sound system with 14 speakers
- Driver information system with 12-inch colour display
- Z51 performance package
- Performance Data Recorder
- Cruise control system
- Head-up display

- HD front/rear mirror camera
- Rear cross-traffic alert and blind spot warning system
- Front parking camera with kerb view and rear parking camera
- Ultrasonic rear parking aid
- Inductive mobile phone charger
- GT2 seats with napa leather
- Additional colour options for the interior
- Decorative stitching available for interior trim in Jet Black
- Interior package with leather upholstery – upper dashboard, door panels and console cover
- Upper interior with microfibre velour cover

3LZ CONVERTIBLE

- Driver information system with 12-inch colour display
- Chevrolet Infotainment Premium system with navigation and 8-inch HD colour touchscreen
- Rear-view mirror camera
- Bose® Performance Series sound system with 14 speakers
- Heated and ventilated seats and heated steering wheel
- Performance Data Recorder
- Memory comfort package
- Rear cross-traffic alert and blind spot warning system

- Inductive mobile phone charger
- Electrically foldable exterior mirrors
- HD front/rear parking camera
- Universal Home Remote – GT2 seats with nappa leather
- Additional colour options for the interior
- Leather-covered steering wheel with carbon fibre trim and paddle shifters
- Interior package with leather upholstery – upper dashboard, door panels and console cover
- Interior upholstery with microfibre velour

RACING TECHNOLOGY FOR EVERY DAY



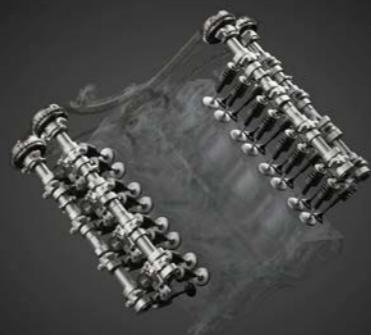
LT6 V8

Bore spacing of 111.76 mm (4.4 inches) and a bore of 104.25 mm (4.1 inches) continue the tradition of Chevrolet small-block engines. The continuously variable oil flow control, combined with six oil pump stages, ensures optimum oil supply to guarantee maximum performance on the racetrack.



FLAT-PLANE CRANKSHAFT

The flat-plane crankshaft enables a balanced airflow between the cylinder bank sides and ensures low rotational inertia. Lightweight, forged titanium connection rods and low-profile, forged pistons allow rapid speed adjustments and high engine speeds.



DOHC VALVE CONTROL

Titanium intake valves with double-spring valve springs enable precise valve train control at high engine speeds, ensuring optimum performance on the racetrack.



CYLINDER HEADS

The intake and exhaust ports, as well as the combustion chambers, have been CNC-machined to optimise the airflow. This gives the Z06 the air supply and combustion of a racing car.



AIR INTAKE SYSTEM

Two throttle valves and three adjustable rotary valves enable a higher airflow and optimise the engine's air supply at high speeds.



HIGH-PRECISION DETAILS



The retractable hardtop roof blends harmoniously into the convertible's design without compromising its performance.



The door handles and the tailgate and bonnet release mechanisms have been concealed.



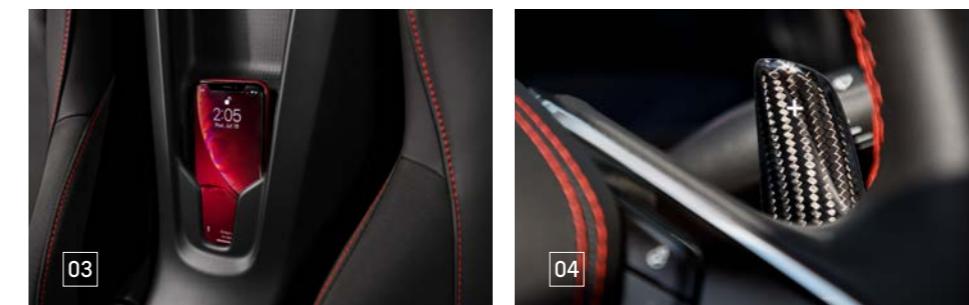
Large, wide, lightweight wheels for maximum grip.



The front section was developed to optimise the cooling requirements of the Z06.



A lightweight spoiler ensures maximum downforce.



01.

Optional Performance Data Recorder for analysing racetrack laps.

02.

High-quality materials and embossed design details emphasise the exclusive character of the Z07.

03.

Wireless charging station for mobile phones between the seats.

04.

Design details in the carbon look.

05.

Bose® Performance Series surround system with 14 speakers.

06.

High everyday practicality thanks to a total of 357 litres of storage space.

07.

Cockpit inspired by fighter jets and featuring driver-orientated controls.

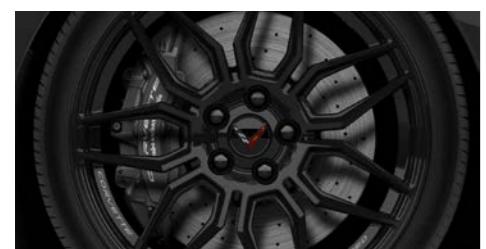
SOA
Painted blackSOC
Painted Satin Graphite wheelSOD
Machined face wheel with Argent Metallic paintSOE
Painted Titanium Satin wheelSRK
Nickel paintSRN
Gloss BlackSTE
Polished forgedSTX
Fully polished wheel with mask and paint using Carbon Flash

CARBON WHEELS

- First use of carbon fibre wheels on the Corvette
- Stiffnesses correspond to aluminium designs
- Weight reduction per vehicle: 40.8 lbs (18.5 kg)
- Reduction of the unsprung rotating mass leads to:
 - Improved steering precision
 - Faster lap times - approx. 1.5 seconds on a 2-minute racetrack.

ROZ
Nickel paintROY
Gloss Black

FURTHER OPTIONS | BRAKE CALLIPER COLOURS



J6D | Grey



J6F | Red



J6L | Orange



J6E | Yellow



J6N | Edge Red



COMPETITION SPORT | EXTRA SUPPORT FOR RACETRACKS

GT2 | NAPPA LEATHER AND CARBON INSERTS



COMPETITION SPORT

The available Competition Sport seat offers hard-wearing and especially supportive upholstery for driving on the racetrack.



GT2

The GT2 seat is available on request for the 2LT furnishings line and is standard for the 3LT. It features carbon fibre panelling with a halo for the backrest and is upholstered in genuine napa leather.



ARCTIC WHITE



BLACK



TORCH RED



RIPTIDE BLUE | METALLIC



HYSTERIA PURPLE | METALLIC

FAST BLUE¹COMPETITION YELLOW¹ | TINTCOATSEBRING ORANGE¹ | TINTCOAT

RED MIST | TINTCOAT

SEA WOLF GREY¹ | TRICOAT

¹Special paint finish for an extra charge.

Please note: Experience shows that printing inks cannot reproduce the colour tone of paintwork faithfully and can only give an initial impression of the car colour.

FURTHER OPTIONS | OPTICS

- EDGEBLUE
- CARBONFLASH
- MIDNIGHTGRAY
- EDGERED
- STERLINGSLIVER
- EDGEYELLOW



Optional double racing stripe package
in Edge Orange



Optional bonnet stripes

INTERIOR COLOURS



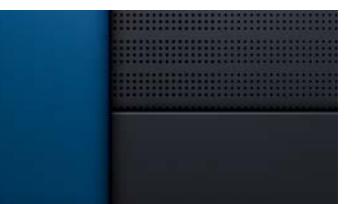
HNK – Leather trim, Adrenaline Red



HTE – Leather trim, Jet Black, seats Dipped



HTG – Suede trim, Jet Black/Natural, seats



HTO – Leather trim 2 Tone Tension Blue/Twilight Blue, seats



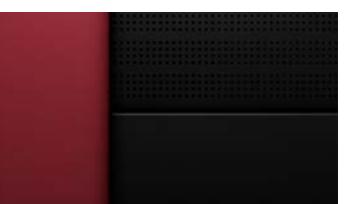
HTT – Suede trim, Jet Black, seats



HU1 – Leather trim, Sky Cool Grey, seats



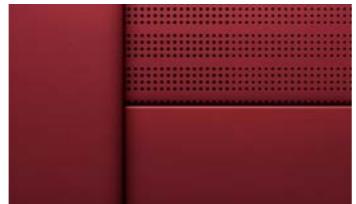
HU9 – Leather trim, Adrenaline Red, seats



HUA – Suede trim, Adrenaline Red, seats



HUE – Leather trim, Natural, seats



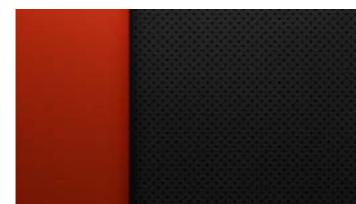
HU2 – Leather trim, Adrenaline Red, seats



HUF – Suede trim, Natural Dipped, seats



HUW – Interior trim config leather, level 3.1, Jet Black/Archer



HUX – Interior trim config suede, level 3.1, Jet Black/Argo



HV2 – Suede trim, Sky Cool Grey w/Jet Black, seats



HZN – Leather trim, Natural Dipped, seats

The information in this prospectus is correct at the time of going to press (February 2025). Availability, technical data and equipment features may vary from country to country and are subject to change without prior notice. The vehicles shown in this brochure are for illustrative purposes only. The European vehicle specifications may differ from those in the brochure. Some illustrations show equipment elements that are not included in every model. Print colours only approximate the actual colour tone. All specifications, dimensions, measurements, ratings and other figures contained in this brochure or other printed materials provided by the dealer or attached to the car are estimates based on the design drawings, technical drawings, prototypes and laboratory tests. Due to deviations in production and equipment, your vehicle may have different values. Please contact your local Chevrolet partner for information on the exact equipment of our vehicles. These documents may not be reprinted in whole or in part without the express written permission of General Motors. We reserve the right to make changes to prices, colours, materials, features, specifications, models and availability at any time without prior notice.

TECHNICAL DATA

FUEL TANK CAPACITY (APPROX.)

70 liters

ENGINE

Type LT6 5.5L DOHC V8 VVT DI

Bore & Stroke (mm) 104.25 x 80

Block Material A319 cast aluminum with cast-in iron cylinder liners and four-bolt main bearing caps

Oiling System Six-stage dry sump with oil-spray piston cooling

Oil Type DexosR 5W50 synthetic

Cylinder Head Material A356 T6 cast aluminum

Combustion Chamber Volume 58.8 cc

Compression Ratio 12.5:1

Valvetrain Dual overhead camshafts (four valves per cylinder) with mechanical finger-follower valvetrain and dual-coil valve springs; dual-independent camshaft phasing

Valve Size (mm) 45 titanium (intake) & 35 sodium filled (exhaust)

Fuel Delivery Direct injection. Max pressure: 5,076 psi (35 Mpa/350 bar)

Firing Order 1-4-3-8-7-6-5-2

Throttle Body Twin 87 mm single bore (electronic)

ECU GM E68 (32-bit processing)

Horsepower (hp / kW) 646 / 475 DIN @ 8550 rpm

Torque (Nm) 595 @ 6300 rpm

TRANSMISSION & AXLE

Type M1L 8-speed dual clutch (DCT)

Final Drive Ratio: 5.56:1

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. Specific calibration with available Z07 package. 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. Specific calibration with available Z07 package

Steering Type Variable-ratio rack-and-pinion with electric power assist; includes Active Steer Stops

Steering Ratio 15.7:1

Turning Circle (m) 11.6

Brake Type Standard: Front and rear eBoost-assisted discs with Brembo® four-piston/twopiece front calipers and four-piston/monobloc rear calipers Available (with Z07): Front and rear eBoost-assisted carbon ceramic discs with Brembo® four-piston monobloc calipers, front and rear

Brake Rotor Size (mm)

Front 370 x 34 (std.)
Front 398 x 38 (avail. carbon ceramic)
Rear 380 x 34 (std.)
Rear 391 x 34 (avail. carbon ceramic)

Wheel Size

Front 20-inch x 10-inch forged aluminum (std.)
Front 20-inch x 10-inch carbon fiber (avail.)
Rear 21-inch x 13-inch forged aluminum (std.)
Rear 21-inch x 13-inch carbon fiber (avail.)

Tires

Front 275/30ZR20 Michelin Pilot Sport 4S ZP (std.)
Front 275/30ZR20 Michelin Pilot Sport Cup 2 R (Z07)
Rear 345/25ZR21 Michelin Pilot Sport 4S ZP (std.)
Rear 345/25ZR21 Michelin Pilot Sport Cup 2 R (Z07)

EXTERIOR DIMENSIONS

Wheelbase (mm) 2722

Overall Length (mm) Coupe 4731 – 4734
Convertible 4729 – 4734 mm

Overall Width (mm) 2024

Overall Height (mm) Coupe 1237, Convertible 1236

Track (mm) Front 1685 Rear 1678

INTERIOR DIMENSIONS

Headroom (mm) 962

Legroom (mm) 1087

Shoulder Room (mm) 1382

Room (mm) 1321

WEIGHTS & CAPACITIES

Mass in running order (kg) Coupe: 1789 kg – 1800 kg
Convertible: 1833 kg – 1843 kg

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 3.1 seconds¹

Max Lateral G Force 296 km/h

¹ Requires available Z07 Performance Package and carbon fiber wheels

² Requires available Z07 Performance Package, track prepped, and 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.

The driver should remain attentive to traffic, surroundings and road conditions at all times. Visibility, weather and road conditions may affect feature performance. Read the Vehicle Owner's Manual for more important feature limitations and information.



CORVETTE Z06
THE ULTIMATE DRIVING MACHINE