



## THE ALL NEW CADILLAC CT4-V/CT5-V BLACKWING WILL BRAKE WITH BREMBO

*As a first for Cadillac, the CT5-V Blackwing gets a full  
Brembo Carbon-Ceramic Brake option*

Brembo, the world leader and acknowledged innovator of brake technology, is the stopping partner of choice for the new 2022 Cadillac CT4-V Blackwing and CT5-V Blackwing.

The new performance sedans will employ Brembo lightweight technology on all four corners of the brand's flagship super sedans. A high performance cast iron disc system is standard on both vehicles, while Brembo's most advanced carbon-ceramic brake system will be available on the supercharged, 668-horsepower CT5-V Blackwing —a first-of-its-kind option for Cadillac.

"We are excited to provide Cadillac with their first-ever carbon-ceramic brake package," said Dan Sandberg, Brembo North America president and CEO. "This will be our fourth generation of brake systems stopping the Cadillac V-Series sedans, and it is certainly a highlight of our 15-year history with Cadillac."

"The Brembo carbon ceramic brake package on the CT5-V Blackwing will save 28.8kg (63.5 lbs.), further heightening the athleticism of this super sedan. The unique, new Tech Bronze color of the large Brembo Calipers peering through the CT5-V's wheels, accentuate the performance, sophistication and confident look of the CT5-V Blackwing. We even went so far as to etch the V-Series logo into the bell of the carbon disc."

Brembo's leadership in carbon brake technology has been earned from decades of experience in Formula 1 and on the world's toughest racetracks. The Brembo Group has been manufacturing carbon-ceramic discs for automotive applications since 2002.

Brembo supplies the stopping power for the winning Cadillac DPi-V.R racecar in the IMSA WeatherTech Championship, where Cadillac has won the Rolex 24 at Daytona four years in a row.

The optional Cadillac carbon-ceramic package for the CT5-V Blackwing features a six-piston monobloc aluminum caliper with radiated pistons on the front for increased thermal dissipation. All four of the brake calipers communicate to the ECU with electric pad wear sensors, another first for Cadillac.

The pads feature a copper-free friction material, formulated for both comfort and performance. The pads, contained within six piston front calipers, clamp on to large 400mm (15.75 in.) diameter carbon-ceramic discs weighing in at 7.5kg (16.5 lbs.) per disc. At the rear are 370mm (14.5 in.) diameter discs weighing 5.8kg (12.8 lbs.) with bespoke four piston aluminum calipers. The carbon ceramic option provides a 28.8kg (63.5 lbs.) weight savings over cast-iron. The unsprung weight savings on each corner contributes to the nimble handling of the CT5-V Blackwing.

The standard cast-iron brake system will have Brembo's six-piston aluminum calipers paired with a 398mm (15.6 in.) diameter disc weighing 16.6kg (36.6 lbs.) at the front. Stopping the rear wheels are four-piston aluminum two-piece calipers with 374mm (14.72 in.) discs weighing 11.1kg (24.5 lbs.).



When in park, Brembo's electronic parking brake (EPB) caliper—another first for Cadillac—will hold the V-Series Blackwings at a standstill with the press of a button. The EPB system eliminates the need for added foot or hand levers and is actuated electronically.

### Cadillac CT5-V Blackwing Brembo Brake Details:

#### Standard cast-iron system

Front	Brembo monobloc all-aluminum six-piston caliper (M6.30/34/38) Copper-free brake pads, pad area 142cm <sup>2</sup> 398x 36 mm cast-iron two-piece disc, disc weighs 16.6 kg
Rear	Brembo two-piece all-aluminum four-piston caliper (P4.28/32) Copper-free brake pads, pad area 42.7 cm <sup>2</sup> Brembo 374x 28 mm cast-iron integral disc, disc weighs 11.1 kg Brembo electronic parking brake
Colors	Tech Bronze (new), Harbor Grey, Edge Red, Royal Blue

#### Optional carbon-ceramic system

Front	Brembo monobloc all-aluminum six-piston caliper (M6.30/34/38) with radiated pistons Copper-free brake ceramic pads, pad area of 142cm <sup>2</sup> designed for performance and comfort Brembo 400x 38 mm carbon-ceramic two-piece disc, disc weighs 7.5kg
Rear	Brembo monobloc all-aluminum four-piston caliper (M4.30/34) Copper-free brake pads, pad area 74.6cm <sup>2</sup> Brembo 370x 34 mm carbon-ceramic disc, disc weighs 5.8kg Brembo Electronic parking brake
Colors	Tech Bronze (new), Edge Red, Royal Blue

### Cadillac CT4-V Blackwing Brembo Brake Details:

Front	Brembo monobloc all-aluminum six-piston caliper (M6.30/34/38) Copper-free brake pads, pad area 113.7cm <sup>2</sup> Brembo 380x 34 mm cast-iron two-piece disc, disc weighs 12.53 kg
Rear	Brembo Two-piece all-aluminum four-piston caliper (P4.28/32) Copper-free brake pads, pad area 39.8 cm <sup>2</sup> Brembo 340x 28 mm cast-iron integral disc, disc weighs 8.45 kg Brembo Electronic parking brake
Colors	Tech Bronze (new), Harbor Grey, Edge Red, Royal Blue



#### About Brembo SpA

Brembo SpA is the world leader and acknowledged innovator of disc brake technology for automotive vehicles. Brembo supplies high performance brake systems for the most important manufacturers of cars, commercial vehicles and motorbikes worldwide, as well as clutches and other components for racing. Brembo is also a leader in the racing sector and has won more than 400 championships. Today the company operates in 14 countries on 3 continents, with 24 production and business sites, and a pool of over 10,800 employees, about 10% of whom are engineers and product specialists active in the R&D. 2019 turnover is € 2,591.7 million (12.31.2019). Brembo is the owner of the Brembo, Breco, AP, Bybre, and Marchesini brands and operates through the AP Racing brand.

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For information, contact:

Roberto Cattaneo – Chief Communication Officer Brembo SpA  
Tel. +39 035 6055787 @: [press@brembo.it](mailto:press@brembo.it)

Monica Michelini – Corporate and Product Media Relations Brembo SpA  
Tel. +39 035 6052173 @: [press@brembo.it](mailto:press@brembo.it)

Dagmar Klein – Brembo Media Consultant  
Tel. + 49 89 89 50 159-0 @: [d.klein@bmb-consult.com](mailto:d.klein@bmb-consult.com)

[www.brembo.com](http://www.brembo.com)