



## PRESS RELEASE

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For immediate distribution

# Performance, design and electronics, introducing the new Brembo braking system

**Brembo is taking up the challenge and presenting a new braking system capable of contrasting the power of the new Ferrari 488 GTB, making its debut today in the Geneva International Motor Show.**

Thanks to the experience it has gained over the years on tracks all over the world, Brembo has perfected a high performance braking system offering mechatronics and an appealing aesthetic design. In short, a product that is in line with the characteristic of performance, design and electronics that characterise the latest addition to the Cavallino family, designed with an extremely demanding, ever developing market in mind.

Brembo supplies the entire braking system for the new 8-cylinder engine developed by the House of Ferrari. It is designed to ensure racing track performances, but can also be used on the road by the less expert driver.

### ***Top performance for the 670 CV-proof braking system***

The first characteristic of the braking system in a 670 CV vehicle is its performance, or to be more precise, its braking power and light weight, the basic elements that determine the exceptional, dynamic conduct of the vehicle on the road and a notable level of driving comfort.

Given the high charges generated by the pressure of the pistons on the brake pads, to guarantee maximum stiffness and minimum deformation, the calipers are **monoblock**, meaning that they are machined from a single block of melted aluminium.

Their innovative design mainly generates a considerable **reduction in the weights of the unsuspended masses** and heightens the feeling on the pedal, with **optimised absorption**.

Both front and rear calipers have **pistons** with various diameters to guarantee that the brake pad wears evenly, as otherwise it would wear out faster on the brake disc entrance corner.

Brembo CCM brake discs, which are made of a composite ceramic material, ensure a weight reduction of 50% compared to cast iron brake discs. For this component this also generates a weight reduction in the vehicle's unsuspended masses.

The **brake pads** have also been produced by Brembo and their friction material is a mixture of organic elements specifically dosed to guarantee maximum braking performance when used with Brembo CCM brake discs.

### ***A sculptured brake that completes a jewel of a design***

The distinctive features of the braking system of the 488 GTB are fruit of a minimal, simple design that can easily be seen in the decidedly open, hollow design of the brake caliper and blends in perfectly with the stylish, streamline aesthetics of the car.

Paying close attention to detail and to the design also means achieving a perfect level of symmetry between the front and rear calipers. Even if the front caliper has 6 pistons and the rear piston has 4 plus a built-in electric parking brake, the two components are visually identical, giving the entire vehicle an improved sense of balance and symmetry.

Finally, Brembo CCM brake discs, which have already won the Compasso d'Oro award, also give the 488 GTB an additional touch of aesthetic refinement, also thanks to their particular texture.

### ***More electronics at the driver's service, also in the brakes***

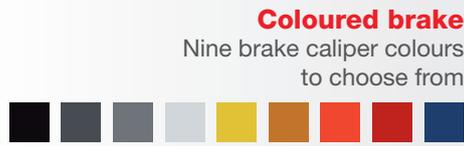
The rear caliper is characterised by the presence of a built-in electric parking brake: a solution developed by Brembo that combines traditional mechanical skills with latest electronic functions, to produce a caliper with a high mechatronics content.

Brembo has combined the electronic control system and the software used to monitor the parking brake to form a single component.

For more information:

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# Brembo & Ferrari 488 GTB



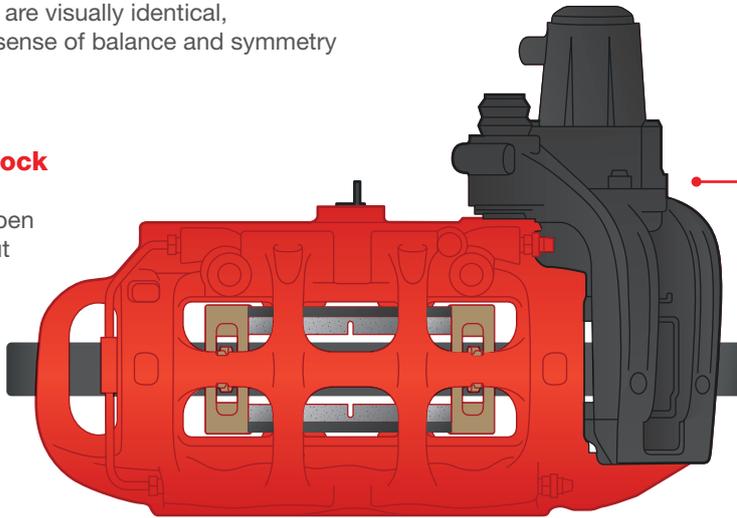
## DESIGN

### Front and rear caliper symmetry

The two calipers are visually identical, giving a greater sense of balance and symmetry to the whole car

### Open monoblock

Timeless design and decidedly open and hollowed-out look for the monoblock brake caliper



## ELECTRONICS

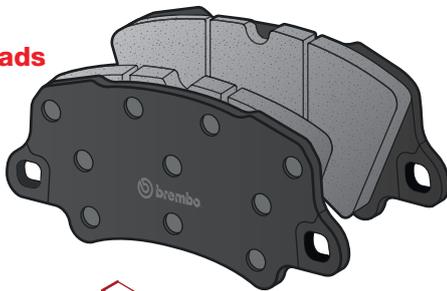
### Mechatronic parking brake

The electric parking brake is integrated into the caliper and governed by an electronic control unit designed and developed by Brembo

## PERFORMANCE

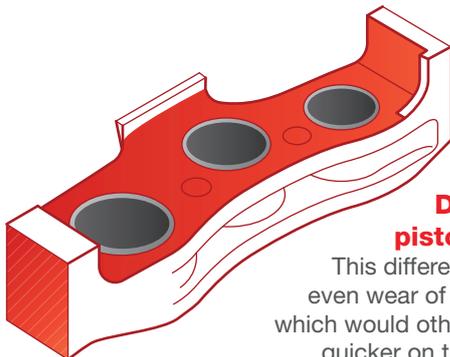
### Brembo brake pads

The Brembo friction material designed to ensure the best performance coupled with Brembo CCM discs



### Differentiated piston diameters

This differentiation ensures even wear of the brake pads, which would otherwise wear out quicker on the leading edge



### Lightweight composite ceramic brake discs

The drastic reduction in unsprung masses results in an outstanding dynamic behaviour of the vehicle

