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Two Guys GARAGE
on **SPEED**

Brembo Brake Discs

One of the most important active safety systems in your vehicle is the brake system. The individual components that make up that system are critically important and can make the difference between having a collision or not.

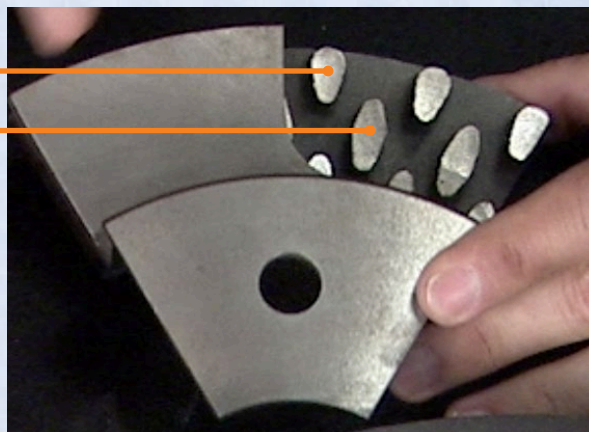
During braking, the kinetic energy from the motion of the vehicle is transformed into heat due to the friction between the rotor and the pads. These high temperatures can cause serious problems such as brake fading, vapor lock, steering wheel vibration or unusually high wear in the brake pads and rotors.

It is important to use quality components when replacing your brakes. With Brembo's patented Pillar Venting Technology (PVT), Brembo discs will give you more even heat distribution and faster cooling times. This improves the cooling capacity and increases resistance to thermal cracking by over 40%.

Brembo coated discs are protected by a special anti-corrosion coating on the hat and outer rim of the rotor which preserves the original visual appearance and functional characteristics, while also saving time on the installation as the disc no longer requires cleaning and degreasing. Since the coating isn't produced with any chemical solvents, it's also environmentally friendly.

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Brembo's patented Pillar Venting Technology on their rotors provides for even heat distribution and faster cooling times.

Potential Brake Problems Due to High Temps

- Brake Fading: When the brake system friction coefficient decreases with higher temperatures
- Vapor Lock: When the brake fluid actually boils, causing loss of hydraulic pressure, resulting in no brakes at all
- Deformation of the rotor, which leads to vibration and noise in the system
- Hot and cold spots in the rotor which cause steering wheel vibrations and could potentially lead to thermal cracking in the rotors
- Unusually high wear of both the brake pads and the rotors



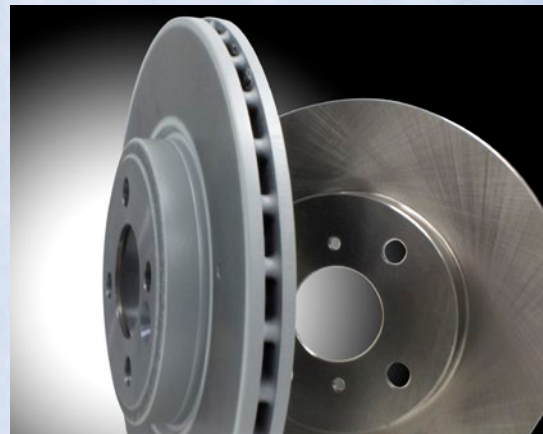
TechTalk

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Features & Benefits

Brembo Product Selling Tips

Brembo is the obvious choice for the demanding consumer. Modern vehicles perform much better than the models of the past. Increased engine power and top speed have led to a demand for enhanced performance in terms of passive safety (seat belts, airbags, etc.) and active safety (ABS systems, brake pads, brake discs). The brake system of modern vehicles must guarantee an immediate response and braking power that is superior to the systems of the past, since they have to dissipate more thermal energy during braking.



Pillar Venting Technology

Brembo's patented Pillar Venting Technology provides faster cooling times and even heat distribution on the rotor. Most rotors have straight fins, which create hot and cold spots, which can cause warping, distortion, or thermal cracking on the face of the rotor. Pillar Venting Technology increases the rotor strength by 40% and improves performance by getting rid of the hot spots.

High Carbon Cast Iron

Brembo discs are manufactured with high carbon content cast iron which provides better damping characteristics, which help to reduce noise and enhance driving comfort.

UV Coated Discs

Brembo coated discs are protected with an anti-corrosion coating which protects the brake plate surfaces, allowing the rotor to be installed directly out of the box without the need for cleaning or degreasing. This coating preserves the original silver metallic finish and functional characteristics of the rotor. These rotors are ideal for vehicles with alloy wheels and for motorists for whom attention to detail is a prerequisite.

Carbon Ceramic Brake Discs

Brembo's Carbon Ceramic Brake discs are used on all Ferrari's models and other high end performance vehicles. They typically weigh less than half the weight of an equivalent iron disc and will last the lifetime of the vehicle.



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