

THE BRAKING NEWS



What Backing Plate Is On My Brake Pad?

A very important component to a brake pad is the backing plate. Quality brake manufacturers pair strong friction materials with the right backing plate for optimum performance. Much like the friction materials, the type of backing plate that is selected by the manufacturer is dependent on the vehicle for which it is designed. For example, Raybestos has a manufacturing strategy to choose the backing plate that best fits the driver's requirements for their specific vehicle. This strategy syncs up with what the Original Equipment (OE) manufacturers put on the vehicle.

Raybestos uses two different backing plates depending on the application.

Pad Glue Process

- Ideal for everyday vehicles
- Used on majority of applications
- Reliable, stable performance
- Used by Original Equipment (OE)
- Most common backing plate type
- Proven history
- Excellent cost per mile



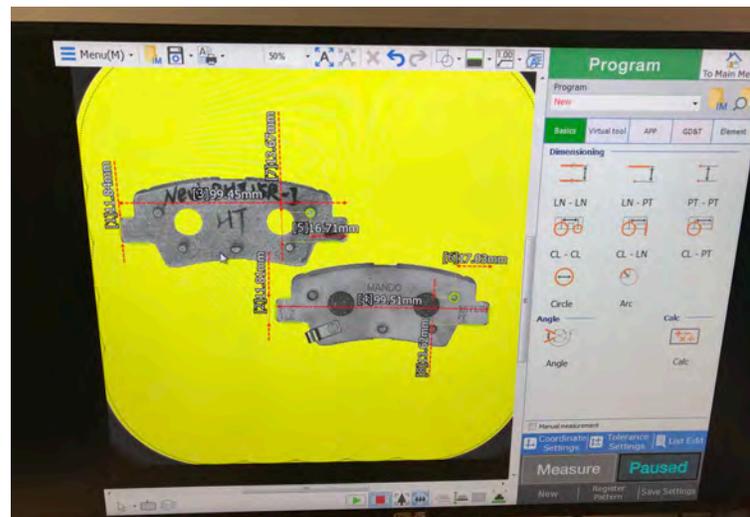
Mechanical Retention System

- Ideal for vehicles that require extra demands
- Mechanically attach to friction with hooks
- Increase shear resistance and pad life
- Only needed in high-temperature or severe duty situations
- Increase costs of brake pad



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The pad glue process has been used by Original Equipment (OE) for many years and is the most common backing plate type in the industry. This type of backing plate has a proven history of being the best option for everyday driving vehicles and provides drivers an **excellent cost per mile** on their brake pads. Mechanical retention system is a backing plate that is not needed for everyday vehicles as they do not endure the demands that would require upgrading to this backing plate.



Mechanical Retention System is an ideal alternative for many applications. Raybestos strategically uses this backing plate in the following areas: racing, medium duty, air disc, school bus, police pursuit, trucks over one ton, high-energy/problematic applications and large pad sizes (over eight inches in length).



The backing plate is critical for reliable braking performance. Raybestos engineers all backing plates, regardless of type, to meet critical dimensions. All disc plates are designed to follow the OE for form, fit and function. The steel is designed to last the life of the brake pad, reduce the chance of rust and operate with proper brake pad movement and quiet operation.



It is important to choose a brake manufacturer that has the driver's best interest in mind when selecting what backing plate to use on your vehicle. Rely on Raybestos for the Best in Brakes!

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