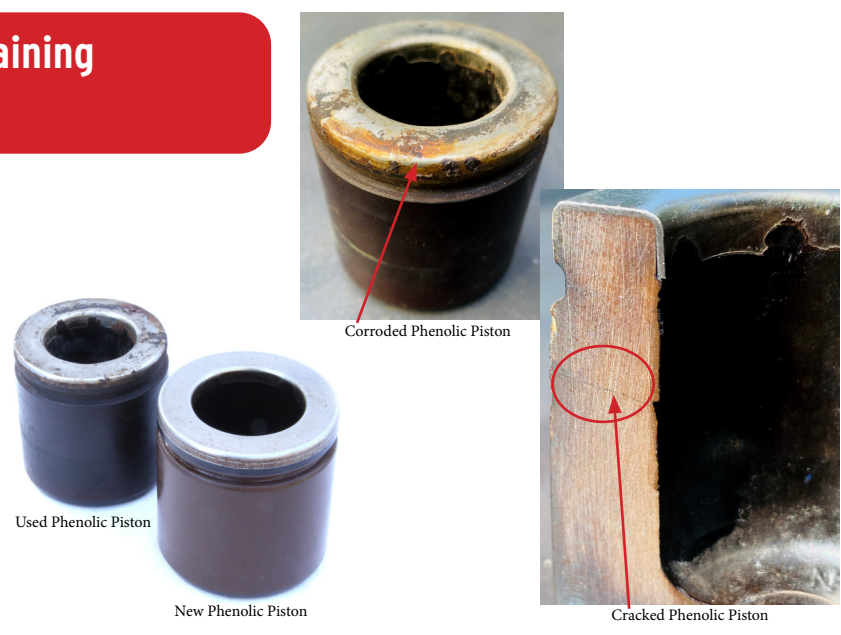


Application: All vehicles with Calipers containing Phenolic Pistons.

The Problem:

- Phenolic Pistons should never be reused or reclaimed from used parts as they can cause premature brake caliper failure.



Reclaimed Phenolic Pistons can lead to Brake Failure.

What does a Brake Caliper Piston do?

The piston in your brake caliper is one of the critical components. It is responsible for forcing the brake pads and brake rotor into contact, which in turn brings your vehicle to a stop.

What is a Phenolic Piston?

A phenolic piston is a caliper piston that has been made using phenolic plastic. Phenolic plastic is exceptionally strong, making it the perfect material for use in brake calipers as it resists heat, rust, and oxidation.

Why shouldn't Phenolic Pistons be Reused?

While phenolic pistons are high strength and capable of withstanding extreme pressure and temperatures, they are also susceptible to possible heat damage and stress cracking over time. It is incredibly challenging to determine or identify any heat damage or stress

cracking without breaking down the phenolic piston itself, which renders the piston unusable. For this reason, Motorcar Parts of America uses only brand new Phenolic Pistons in every remanufactured Brake Caliper we produce.

Phenolic Piston Failures:

A few different things can happen when a phenolic piston is affected by unseen internal or external damage.

- Uneven brake pad wear
- Heatshield damage can lead a phenolic piston to break down under excessive heat exposure.
- A cracked piston can cause a loss of pressure resulting in complete brake failure.

Note: Reusing phenolic pistons can lead to brake failure and possible injury. Motorcar Parts of America does not recommend using any parts with reclaimed phenolic pistons.

TECHNICAL SUPPORT
800-228-9672
 ASE Certified Technicians are Standing by 7 days a week.



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