

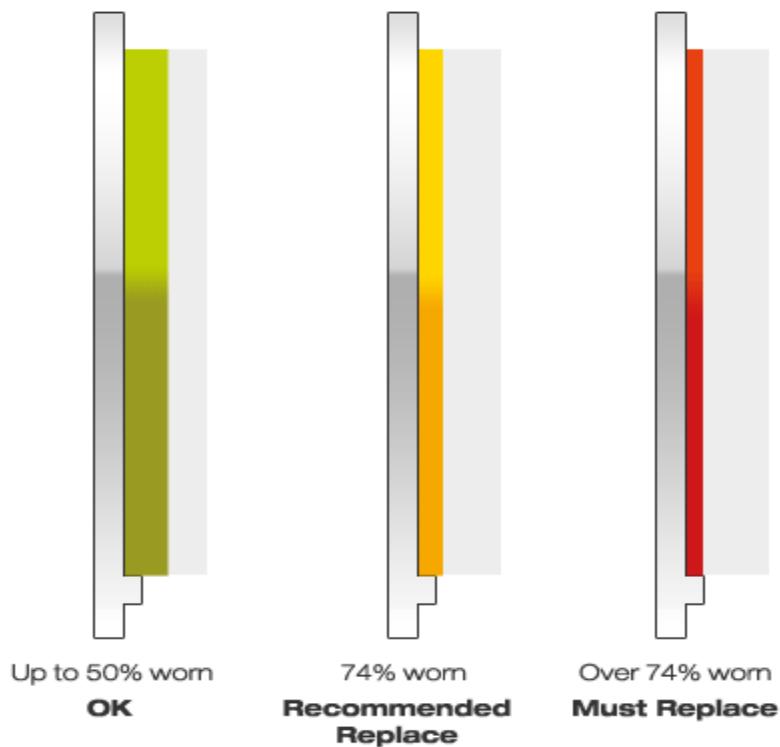
Replacement of brake pads

Brake pads are one of the most widely used auto parts with high degree of safety which is indicative of the paramount importance of this seemingly simple part. In severe braking and in critical situations where the lives of passengers and heavy financial losses are raised, the importance of brake pads is determined more than ever.

Brake pads are primarily made from fibers, fillers, friction materials, metal fibers and powders (metal fibers and powders), resin binder & etc. Type of material used and the percentage of them are best-kept secrets of manufacturing companies and their trump card and vantage point in rivalry with other companies.

Brake pads should be designed and developed based on the features of the particular vehicle – including weight and top speed – as well as the climate conditions. Domestic manufacturers are constantly seeking to design and develop their products in line with our beloved country's climate or target overseas markets.

The right time for replacing the brake pad



As can be observed from the figure, until the thickness of brake pads is reduced to 25%, it is **recommended** to replace the brake pads, but when the thickness falls below 25%, replacing it **becomes a MUST**; otherwise, brake discs might be damaged, and ultimately the performance of brake system is negatively influenced until it leads to total failure of brakes.