

Bedding in procedure

After fitting new brake discs and pads, the friction surfaces of both components need a certain time to adapt to one-another. In order to guarantee a safe and trouble-free function of the brake, it is necessary to bed in the brakes. If the components are not bedded-in correctly, material transfer between the pad and disc or an uneven distribution of deposits may occur on the friction surfaces. This may lead to vibrations or noises, which is not ideal for newly fitted brakes. In order to avoid unnecessary complaints from drivers, follow our guidelines below.

Bedding-in guidelines

During the bedding-in period, you must observe the following:

- The procedure should only be carried out on sections of road that permit these manoeuvres to be carried out in a safe manner.
- There should be a delay between braking, thus heating the brakes gradually to avoid thermal shock.
- The first braking procedures should be carried out gently and carefully from a maximum speed of 30 mph. Next, carry out several braking procedures from a medium speed – allowing cooling time between cycles.
- Finally, use a moderate driving style and avoid any unnecessary, hard or continuous braking for the first 200 miles.

Notes on coated brake discs

Pagid brake discs are coated with a weather and temperature resistant Geomet top coat. As this coating is applied to the friction ring of the brake disc, during the first braking actions some grinding noises or a slight development of smoke may occur as the protective coating is removed. After bedding-in, the friction surface will be the bare bright metal. The coating material removed from the surface of the brake pad does not have any influence on the further braking behaviour.

Repair note

We recommend that new brakes are bedded in and checked for safety before being returned to the customer. If it is not possible to fully bed-in the brake system in the day-to-day workshop activities, inform your customer of the necessary precautions to take when first driving the vehicle.

