INSTALLATION GUIDE DIRECTIONAL BRAKE PADS



One of the biggest challenges with manufacturing brake pads is to control and reduce brake noise.

To solve this problem, with some specific brake systems, asymmetrical brake pad designs which introduce the brake pad to the disc at an angle, has been developed. In doing so, the potential for vibration and noise is significantly reduced.

Directional NK brake pads uses a cut-out of the noise reduction shim on the backing plate. This method makes it easy for the technician to see and understand that the pads need to be positioned in a specific way.



Cut-out of the noise reduction shim

Fitting directional brake pads

Many NK directional brake pads have an arrow on the back plate to indicate the rotational direction of the brake disc. When fitting these brake pads, make sure the arrow points in the same direction as the wheel turn when the car is driving forward.



If no arrow is used but the NK pads have a half-moon cut-out in the noise reduction shim, the half-moon needs to be presented at the leading edge where the pad first contacts the brake disc.

The half-moon must be placed turning towards the piston side of the brake caliper.





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| NK DIRECTIONAL BRAKE PADS | | |
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| 221519 | 224742 | 223949 |
| 221950 | 224757 | 223969 |
| 222587 | 2247111 | 224109 |
| 223613 | 2247124 | 2247109 |
| 223617 | 2247125 | 2247113 |
| 223618 | 221974 | 2247119 |
| 223628 | 222586 | 2247121 |
| 223635 | 223366 | 2247138 |
| 223641 | 223367 | 224758 |
| 223720 | 223379 | 224761 |
| 223730 | 223380 | 224782 |
| 224031 | 223444 | 224787 |
| 224032 | 223633 | 229327 |
| 224108 | 223652 | |
| 224734 | 223756 | |



