



Advanced Racing Brake Technology

BEDDING INSTRUCTIONS - ENDLESS COMPETITION BRAKE PADS

For all competition compounds (unless otherwise stated)

VERY IMPORTANT INFORMATION. PLEASE READ THE FULL INSTRUCTION CAREFULLY BEFORE DOING ANY BEDDING-IN TO ENSURE OPTIMUM PERFORMANCE.

When going through the bedding-in process one must be very correct in the execution to get the best performance from the pads. Please do the following:

First of all, start with the discs. Check them carefully to see if they have any cracks or other damages. If the discs have any type of defects they should be replaced. If they are in good condition they will work fine after a thorough cleaning to remove all residues from previous compounds (which can be done with a 80-120 grit sandpaper). If cleaning of the old compound is not done properly the bedding-in process will not be correct and the performance and durability will be seriously hampered.

When starting the bedding-in process, accelerate the car to about 100 km/h and then do a smooth and stable but quite hard braking down to 0 km/h. Repeat this about 10 times to achieve about 350 °C disc temperature. Then let the pads cool down completely. After this the pads are ready for full competition use. On a racetrack where the above-mentioned method may be hard to apply, one can get the same result by running 3 laps with 80% of maximum track speed and do normal race braking. After that measure disc temperatures to confirm the 350 °C target. For rally it is best to use a tarmac surface without any gravel or dirt present.

Please note that if new or scrubbed discs are used the friction will be higher, so monitor disc temperatures carefully to avoid overheating of the compound because the temperatures can rise very fast.

During the bedding-in procedure the feeling in the brakes can be rather poor. This is normal, and the correct performance and feeling will be present after the bedding-in and cooling down period is completed. When bedding-in you can take the opportunity to perform the procedure on several sets of pads. Best is to use a new (or scrubbed) set of discs for every set of pads you are bedding in, and to mark the rotation and placement of the individual pads and pair them to the discs. During competition replace the pads and discs as a set (as they have been bedded-in) at the same time. If the discs are in good condition you can scrub them later and use them for a new set of pads (both bedding-in and during race).

OPERATING TEMPERATURES DURING COMPETITION

The best operating temperatures for Endless competition pads are from 300 - 700 °C. Under 300 °C and over 700 °C they are still operating good. Over 800 °C you will get overheating problems very fast.

Please note that constantly running brake temperatures of over 650 °C is not normal, and a solution for increasing the brake cooling must be found. Temporary high temperatures are normally not a problem. If you follow the above given instructions you will get the optimum performance and life span out of your Endless pads in all applications.

Thank you for using Endless!
