

The Elan Factory - Information Sheet



Brake Pad Bedding-in Procedure

Replacing your brakes pads also requires that you check the condition of the disc rotor for wear and run-out. Once the new pads have been installed, it is essential that they are bedded-in correctly.

To condition the disc pad surface correctly, the following necessary procedure should be followed:

- 1) Accelerate the vehicle to 60 km/hr.
- 2) Apply the brakes using moderate pedal effort reducing speed to 5 km/hr. (Do not stop the vehicle completely if this is possible)
- 3) Repeat steps 1 and 2 between 8 and 10 times allowing 0.3 km to 0.6 km between brake applications.

After the above exercise has been carried out, the brakes should be very hot. The new brake pad material must become hot under pressure to bed-in completely. If necessary, continue the braking exercise until you feel the brakes are hot but not smoking. You will probably smell the hot material when you exit the car.

After you are satisfied that the brakes are hot and bedded-in, the vehicle should be parked for thirty minutes to allow the brakes to cool down. It is recommended that the vehicle should be left in gear with the hand brake in the off position. This eliminates the possibility of the rear disc rotors from warping.

The bedding-in procedure is now complete and the vehicle can now be driven in a normal manner.

Adherence to this necessary procedure will optimise the performance of any disc brake pads.

Under no circumstances drive the vehicle with the brake continuously applied during the bedding-in process.

Under no circumstances make quick repeated brake applications in quick succession

Either of the two above outlined practices may overheat the surface of the disc pad and may lead to a reduction in pad life and performance.

For further information regarding premium brake pads, kevlar brake pads, performance products or genuine Lotus products, please phone The Elan Factory on (613) 9761-1903 or fax on (613) 9739-8944. Alternatively you can write to The Elan Factory at 5 Marong Court, Boronia Heights 3155, Melbourne, Australia or e-mail at elanfactory@optusnet.com.au