

Technical Bulletin

Driving your brakes crazy!

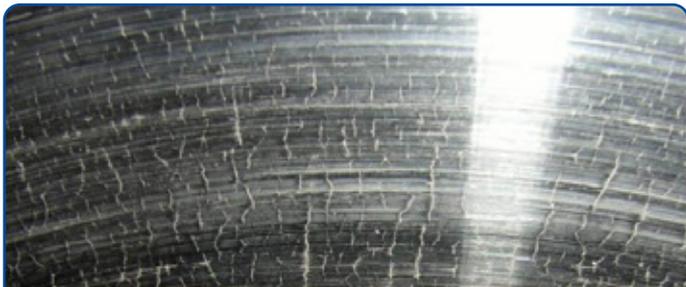
The Comline brand has a well-established track record for supplying high-quality brake discs (rotors) for the European aftermarket. This affords us a wealth of knowledge about this product category and, in this technical bulletin, we want to share our experiences of brake disc “crazing”.

WHAT IS “CRAZING”?

Brake disc “crazing”, sometimes known as “orange peeling” or “crazy paving” effect is when a cluster, or multiple clusters, of small, hairline cracks appear on the braking surface of the disc. These clusters can vary in size and should be relatively easy to spot, particularly if the vehicle features an open-style alloy wheel.

Such cracks are typically caused when the disc is exposed to high-temperatures and would potentially indicate that the motorist is working the brakes quite hard – quite literally driving their brakes “crazy”.

It is important to note that crazing is not necessarily symptomatic of a quality problem with the chosen



Close up of “crazing” on disc surface



brand of disc. It is something that all traditional cast metal brake discs are susceptible to under high temperatures. It is also not a problem that should cause undue concern - such cracks are typically superficial and should not cause any issues beyond their unsightly appearance. That said, Comline would always recommend consulting a professional mechanic for their expert diagnosis as other types of cracks can occur within a brake disc that are potentially more serious.

Such crazing can often present itself alongside the ‘blueing’ of the disc, whereby patches of the disc surface take on a blue tint – also a reaction to high braking temperatures. It is also possible to see disc blueing without crazing. Again, if in doubt, please consult a professional mechanic for their advice.



EXPERTS IN BRAKING