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Technical Bulletin

Issue 10020 – Comline CNS12248 Air Filter Design

The Comline CNS12248 air filter is one of the most popular references within our range of over 1700 filters. Fitting an array of Nissan applications, most notably the Qashqai 1.5 dCi (2007 onwards) with K9K type engines - one of the continent's best-selling vehicles - CNS12248 is a must for Motor Factors all over Europe.

However, following extensive market research, Comline has identified a prevalent design flaw that affects numerous examples of this particular filter type. To ensure that the Comline equivalent is not subject to such issues, we have taken the significant step of redesigning CNS12248.



The problem:

Our research has shown that the turbo suction generated at high rpm causes weaknesses in the side-walls of this filter which in turn results in a complete loss of filter integrity. This immediately compromises the performance of the filter and puts the engine at greater risk of damage. Should this problem be diagnosed a new filter should be fitted immediately.

The solution:

To combat this issue the filter needs to be able to withstand the severe suction forces of the turbo. Our redesign of CNS12248 has seen the introduction of reinforced side-walls manufactured from a new composite material to provide greater strength and rigidity.

In addition, an improved bonding adhesive is now utilised for further strength and long-term, service-life durability. As you can see from the enclosed images, the new and improved CNS12248 is instantly distinguishable from its predecessor due to the distinctive red media and brown composite side-walls.

Reinforced side-walls manufactured from a new composite material provides greater strength and rigidity



CNS12248			
Nissan – Cube 10->, Micra 03->, Note 06->, Qashqai 07->, Tiida 04->, NV200 10->			
Fram	Mann	Mahle	Wix
CA10234	C2420	LX1631	WA9604

This redesign underlines Comline's commitment to quality and the ongoing development work that underpins our filter range. It is this type of development work that leads us to proclaim Comline filters as truly 'First Class'.

For more information, please visit www.comline.uk.com