



RAM[®] Filter-in-Filter Fuel Water Separator featuring NanoNet[™] FS53000, FS53001 and FS53002

What is NanoNet[™]?

NanoNet[™] is a new patented filtration media that filters harmful hard particles and water particles before they can damage the fuel injection system.

Why are you introducing the RAM engines with NanoNet media?

According to the World Wide Fuel Council (WWFC), approximately 50% of diesel fuel globally does not meet ISO 18/16/13 at the retail pump. Cummins RAM engines and many other engines use a high pressure common rail fuel (HPCR) system, which requires that fuel cleanliness meet the ISO 12/9/6 specification code at the injectors in order to protect the injectors and meet manufacturers' specifications. FS53000, FS53001 and FS53002 featuring NanoNet media meet or exceed this requirement.

What application will the FS53000, FS53001 and FS53002 fit?

The FS53000 will fit the MY'10 RAM 6.7L engines and is also a direct replacement for the current filter FS43255.

The FS53001 and FS53002 will fit the MY'07 - MY'9.5 RAM 6.7L engines and is also a direct replacement for the current filter FS43257 and FS43258 respectively. No additional changes are required for installing the NanoNet filters.

How do the FS53000, FS53001 and FS53002 save me money?

FS53000, FS53001 and FS53002 save you money by removing hard particles and water products from your Fuel Injection Equipment (FIE) system. By reducing component wear in the injectors and avoiding premature injector failure after the warranty expires users can experience considerable savings in Total Cost of Ownership.

Will the FS53000, FS53001 and FS53002 replace FS43255, FS43257 and FS43258?

The FS53000 will be introduced as an upgrade to FS43255 in July 2012. It is the OE specified filter for 2010 Cummins 6.7L RAM engines. The FS53001 and FS53002 will be introduced as an upgrade to FS43257 and FS43258 in July 2012. It is the OE specified filter for 2007 through 2009 Cummins 6.7L RAM engines.

When will I be able to purchase FS53000, FS53001 and FS53002?

FS53000 will be available for purchase through Cummins and Mopar dealers starting from July 2012. FS53001 and FS53002 will be available for purchase through Cummins and Mopar dealers starting from July 2012. The current part numbers for FS43255, FS43257 and FS43258 will be obsoleted at that time and no longer be available for purchase.

Will I be able to extend my service intervals with FS53000, FS53001 and FS53002?

If the fuel coming in to the fuel system meets ISO 18/16/13, FS53000, FS53001 and FS53002 may extend service intervals. The main purpose of the FS53000, FS53001 and FS53002 filter is to protect the fuel injection system from failing due to erosion and unusual wear and tear caused by harmful particle.

Why is the FS53000, FS53001 and FS53002 price higher than the FS43255, FS43257 and FS43258?

FS53000, FS53001 and FS53002 uses the new advanced NanoNet high performing filtration media, which reduces the number of particles reaching the fuel injectors on your engine. This reduces the chance of premature injector failure. Reducing the wear on injectors will reduce equipment down time due to injector failure. The savings from reduced down time exceeds the additional cost of the filters. As a result, users can experience considerable savings in Total Cost of Ownership.

I own a RAM truck equipped with Cummins 6.7L diesel engine and have never had an injector failure. Why do I need a FS53000, FS53001 or FS53002?

Injector wear is occurring all the time. Some owners will experience complete failure while others encounter reduced performance. The FS53000, FS53001 and FS53002 clean fuel to ISO 12/9/6 cleanliness levels, thus reassuring that your equipment will not be adversely impacted by particles in the fuel supply. As an end-user you are at a higher risk due to poor filter performance after the warranty expires on your engine. If an injector fails after the warranty period, you could experience close to \$7,000 in replacement parts.



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LT36281
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