



# Filter-in-Filter Fuel System Protection: New for Ram Trucks

Cummins Filtration introduces the Fleetguard branded FS53000 **Filter-in-Filter Fuel Cartridge** with NanoNet™ media; a revolutionary new dual stage fuel filter that significantly improves diesel fuel filtration and water removal performance. The Fleetguard Filter-in-Filter fuel cartridge has been designed for the Cummins 6.7L Turbo Diesel in 2013 RAM Heavy Duty pickups. This fuel cartridge provides easier service access and reduces the amount of waste material during regular fuel system maintenance.

Uniquely constructed and combined with the proprietary advanced NanoNet filter media, the FS53000 provides greater filter performance that exceeds the requirements of modern engines, fuel systems and fuel types. Filter-in-Filter design uses an easily serviceable filter housing and replacement of only the filter cartridge at service time. Important Filter-in-Filter features include:

- Ensures enhanced protection of the fuel injection equipment (FIE) from water related problems in modern high pressure common rail fuel systems.
- 2-stage higher particle removal efficiency that is measured using a Beta Ratio, which provides a more precise micron reading for particle retention.
- Offers up to 10x greater performance when compared to its competitors; ensuring greater protection.
- Sustained performance for the full-service life of the filter. Increased protection to the fuel injection equipment translating to improved total cost of ownership and increased reliability of the fuel system.
- Easy to service filter housing allows for quicker maintenance and less down time as only the filter cartridge needs replaced.

## Benefits of Filter-in-Filter Technology

The two-stage configuration of the new Filter-in-Filter cleans the fuel and provides a proven approach to higher fuel/water separation – a critical requirement with High Pressure Common Rail (HPCR) fuel systems. Fuel cleanliness is recommended by FIE manufacturers through stricter ISO codes (12/9/6) which demand increased overall filter performance for the entire service life of the filter. Each stage combines to yield superior efficiency:

- The first stage provides the initial filtration and serves to coalesce water entrained in the fuel into larger droplets.
- The second stage removes the finer particles and strips the water droplets generated by the first-stage media.

## Availability of the new Filter-in-Filter

The new fuel module with a top-loading filter cartridge is standard on all Cummins-powered 2013 RAM Heavy Duty pickups and Chassis Cabs. The service filter cartridge FS53000 (Cummins 5260529) is currently available at your local Fleetguard dealer. Contact your local dealer for additional information on the Fleetguard Filter-in-Filter or other genuine Fleetguard products.

For more information, contact Cummins Filtration at 1-800-22-FILTER (223-4583) within the US and Canada. Contact information for all other regions can be found on our website at [cumminsfiltration.com](http://cumminsfiltration.com).

\*Follow instructions with each filter



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[cumminsfiltration.com](http://cumminsfiltration.com)

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