

# ENGINEERING BULLETIN

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## Primary Fuel Filters for use in Davco Fuel PRO™ Housings

The 2002 and newer Cummins ISX engines utilize both a suction-side (primary) fuel filter and a pressure-side (secondary) fuel filter. The Hastings **FF1154** is used as the secondary filter on all of these engines.

Hastings offers two options for the primary filter:

**FF1128** - a 140 micron spin-on for use with the Cummins filter head.

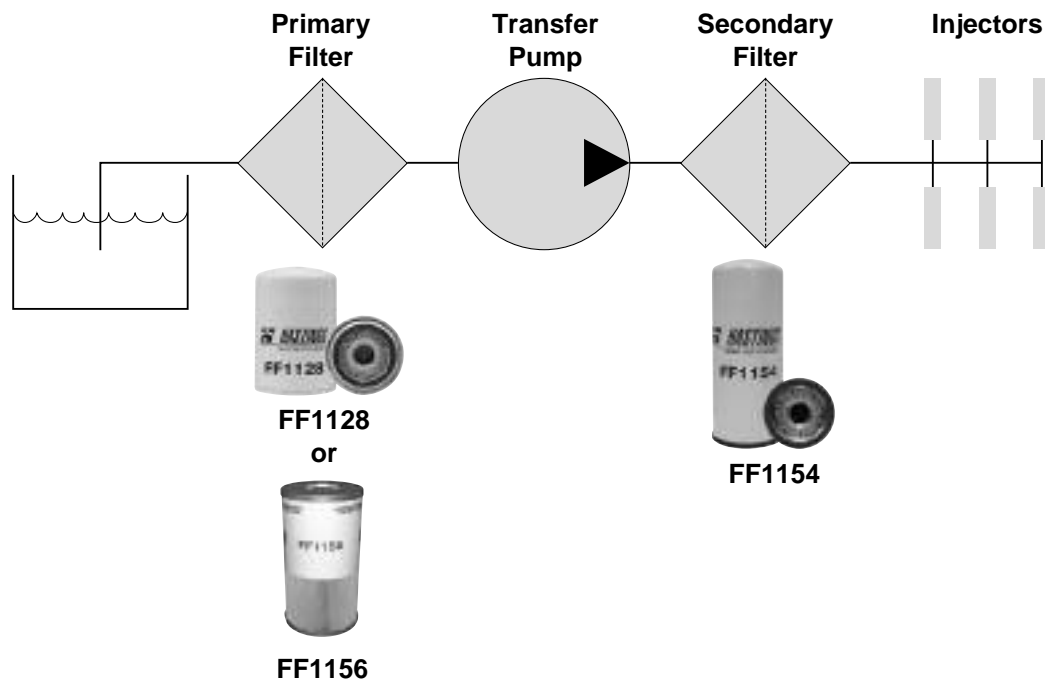
**FF1156** - a 50 micron element style for use with the Davco Fuel housings.

**Note:** Primary filters other than those listed above, such as the Hastings FF1095, **SHOULD NOT** be used on this application.

The media used in those filters are too efficient and restrictive to allow proper fuel flow, causing shortened service life and loss of power.

Late model Caterpillar applications using the High-Efficiency Hastings FF1056 (as a secondary filter) in combination with the Hastings FF1128 primary filter in the Davco housing may also experience shortened service life and loss of power. The Hastings FF1156 should be used in the Davco housing on these applications.

The diagram below can be used as a quick application reference for the fuel filters on the Cummins ISX engines.



If you have further questions,  
please contact our  
Service Engineering Team at (800) 887-8836.