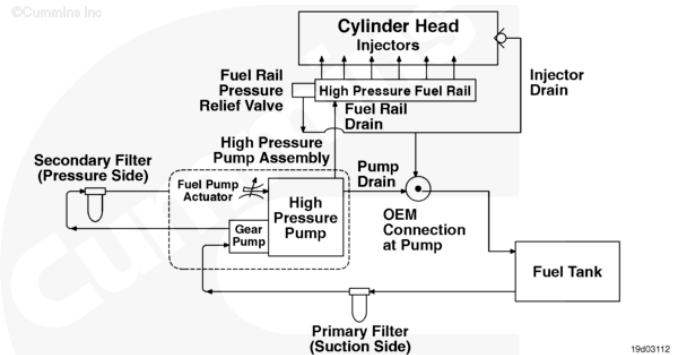


Cummins Fault Code 559

Engine Tech Tip #19-0226



Fuel Rail Pressure Code May NOT Mean a New Pump is Required

We know that the engine runs high fuel pressure, and the ECM monitors that pressure to maintain efficiency. One fault code we have seen is #559 and in troubleshooting we have replaced sensors and/or pumps as directed by Cummins only to find that they were not the cause.

After researching what was found was that the unit was starving for fuel. We then started at the tank and worked our way forward to see where the issue was and nothing stuck out immediately so we dug deeper

We finally found that when the plastic loom covering the rubber fuel line (Blue Bird changed from the brown Synflex line to rubber) was pulled away where it comes up to the fuel/water separator mounted on the fire wall that the hose was kinked causing a restriction. Please see Figure #1.

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Figure #1

Removing the line and shortening to reduce the angle opened the hose up but as a precaution in some cases a section of Synflex was slipped into the rubber line to ensure the kink would not return.

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