



Tech Tip **12-0105-4**

Product Affected – Units with 2007 Emissions Cummins Engines

Complaint: the check engine light is on. The dash code indicates it is for “water in fuel”

Cause: possible causes could be; water in the fuel, a bad sensor or an electrical issue

Correction: you can change the filter and add additives or drain the fuel system. Check the fuel storage unit for water. Check the resistance of the sensor or replace it. Or the easy way is to use the Cummins tool.

Pictured below is the tool Cummins offers to check the Water-in-Fuel sensor and circuit. We all know how sensitive today’s electronics are to fuel and oil contamination. All you do with this handy tool is unplug the sensor and the plug this into the harness. You cycle the key off and wait one minute then turn the key back on and wait another minute and if the light goes off you either have water in your fuel, which you can check by removing the bowl from the filter, or the sensor is bad. If the light remains on you have an electrical issue.



1/14/2012 - The original WIF sensor has been replaced. The replacement uses a better potting compound to prevent water from “wicking “along the wires and giving a false indication of water in the fuel.

The new part number is shown below.

Wiring Harness Part #3971759 List \$21.68

~~WIF Sensor Part #00126671 List \$108.92~~

New WIF Sensor PN: 10023287 List \$44.78

For more information contact our nearest Service Department

Chittenango: 315-687-3969 - 1-800-962-5768

➤ **Daryl Wallace or Brian Lamaitis**

Rochester: 585-424-3320 - 1-800-463-3232

➤ **Gary Chichester or Dave Schaub**

Ravena: 518-756-1111 - 1-866-867-1111

➤ **Ben Reiling or Steve Searles**