

Tech Tip



From your friends at New York Bus Sales

Product Affected – Units w/2007 Emissions Cummins Engines

- Complaint -** There is a check engine light on. We read the codes through the dash and it was for Water-in-Fuel
- Cause -** First Cause – There is water in the fuel (but doesn't appear to be)
Second Cause – Bad Sensor
Third Cause – Electrical Issue
- Correction -** We know how to fix the first cause with changing the filter and either adding additives or draining the fuel system and look at our fuel storage and we can attempt to see if the sensor is the issue by checking resistance or by just changing BUT if you want to be sure and easy way than Cummins has the answer.



Pictured above is a tool which 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 and we know even better how the vast change in temperature causes condensation not only in our fuel storage tanks but also our buses.

This handy tool lets you 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.

1/14/12 – PLEASE NOTE – There is a new WIF sensor which has better “potted” material where the wires go into the sensor, this means that water cannot “wick” through the wires into the sensor and give a false sense of water in the fuel.

Specifics

<i>Wiring Harness Part #3971759</i>	<i>List \$21.68</i>
<i>WIF Sensor Part #00126671</i>	<i>List \$108.92</i>
<i>NEW WIF SENSOR PART #10023287</i>	<i>List \$44.78</i>

Contact Our Service Department With Any Questions

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