

Tech Tip

FROM YOUR FRIENDS AT
NEW YORK BUS SALES!



Cummins ECM Plug Issues

- Complaint –** There are various “odd” or erratic issues occurring with the operation of the engine where normal diagnostic techniques will not repair and the issues continue
- Cause –** Fluid intrusion in the engine ECM causing corrosion of the pins on the ECM
- Correction –** After looking at connections and doing wire harness “wiggle” testing to see if there are issues and if none found you should next remove the harness from the ECM for inspection – Once removed you will see the pins of the harness and looking closely you could see a silicone/rubber “mat” which covers the base of the pins (Purple on the LEFT side of the ECM pictured). The “mat” should be removed so that you can get a better look at the pins – Please look at the attached ECM picture on the RIGHT side where the “mat” has been removed. You can see the base of many of the pins are corroded (Pins Marked With Yellow DOT Especially) This #1 denotes fluid intrusion and #2 poor connection for the harness. Most likely at a minimum the harness will need to be replaced but in great likelihood BOTH the ECM “AND” Harness should be replaced.



PLEASE NOTE – We would have recommended that when performing Service Bulletin S10SA for Low Coolant Sensor Leaks that you remove the “mats” to inspect the base of ALL pins on the ECM, but seeing as this has expired we recommend that if issues occur with the units that fell under this Bulletin that the inspection is performed just to assure there are no issues-

Contact Our Service Department With Any Questions

CHITTENANGO – phone 800-962-5768 or

Daryl Wallace : dwallace@newyorkbussales.com

Brian Lamaitis : blamaitis@newyorkbussales.com

ROCHESTER – phone 800-463-3232 or

Gary Chichester: gchichester@newyorkbussales.com

ALBANY – phone 866-867-1100 or

Ben Reiling: breiling@newyorkbussales.com

Steve Searles: ssearles@newyorkbussales.com

WARRANTY – 800-962-5768 ext 237

Morgan Jenkins: mjenkins@newyorkbussales.com



ALL of our Tech Tips can be found on the New York Bus Sales website at

<http://www.newyorkbussales.com/pages/bulletins.cfm>

Or at the New York Head Mechanic website at

<http://www.nyhma.org/viewforum.php?f=2&start=0>