

 Countries:
 CANADA, UNITED STATES
 Document ID:
 IK0800369

 Availability:
 ISIS, FleetISIS, Body Builder
 Revision:
 2

 Major System:
 ELECTRICAL SYSTEM
 Created:
 6/5/2012

 Current Language:
 English
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 3/5/2013

 Other Languages:
 NONE
 Author:
 Will (Mark) Wiley

Less Info



Title: 2006-2009 Cummins Active Fault Code 249 / 256 Ambient Air Temperature Sensor

Applies To: Cummins ISX ISM

SYMPTOMS

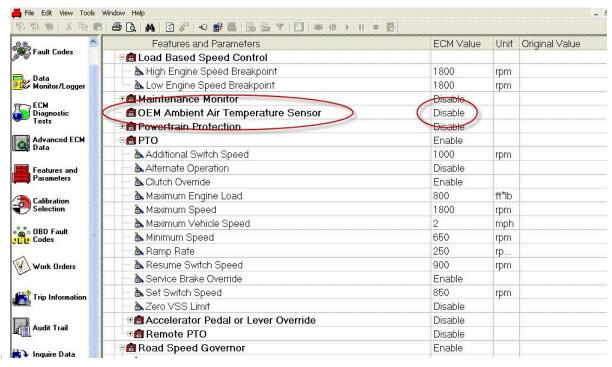
- Fault 249 Active
- Fault 256 Active

POSSIBLE DIAGNOSTIC TROUBLE CODES

DTC	MODULE	DESCRIPTION
249	Cummins ECM	Ambient Air Temperature Sensor 1 Circuit - Voltage Above Normal or Shorted to High Source.
256	Cummins ECM	Ambient Air Temperature Sensor 1 Circuit - Voltage Below Normal or Shorted to Low Source.

TROUBLESHOOTING

- 1. Inspect the ECM chassis connector 6000. Click HERE for the circuit diagram, and HERE for the connector composite of the 6000.
- 2. If pin 19 is not populated with a wire, refer to the below and disable the ECM parameter for the Ambient Air Temp Sensor.
- 3. If pin 19 is populated refer to the circuit diagram link above and repair the wiring or sensor issue.





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