

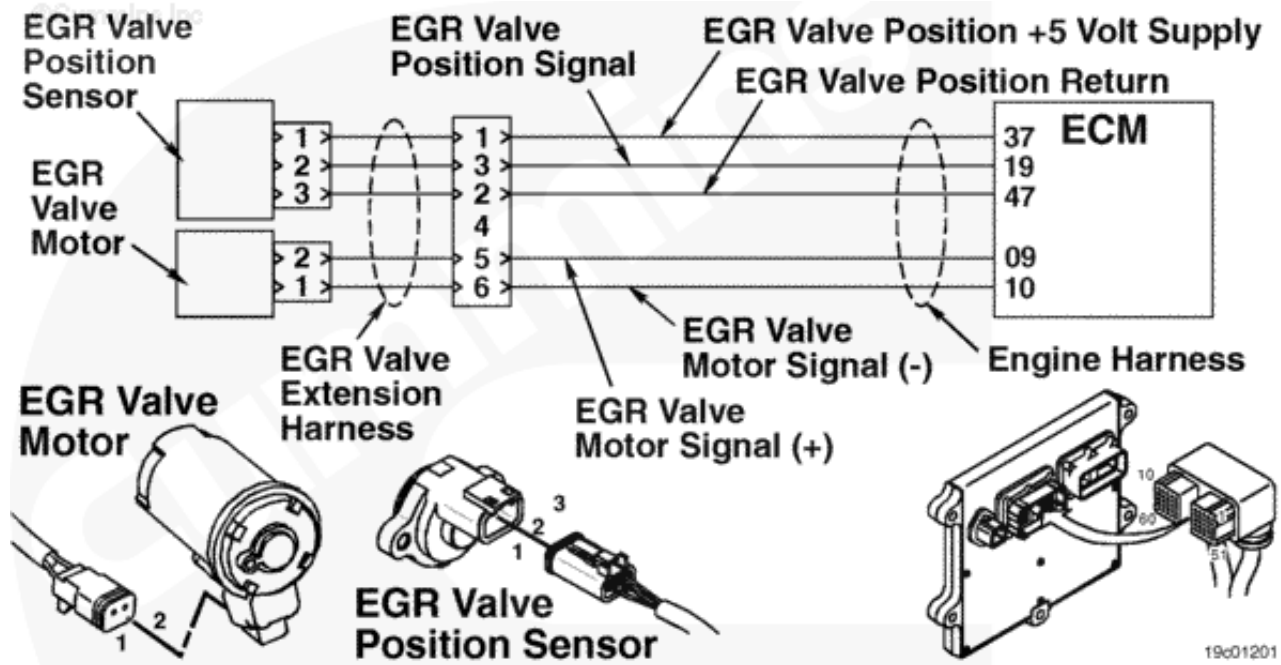
FAULT CODE 2348

EGR Valve Self Calibration

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Overview

CODE	REASON	EFFECT
Fault Code: 2348 PID: 27 SPN: 27 FMI: 13/13 LAMP: Amber SRT:	EGR Valve Self Calibration. EGR valve failed automatic self calibration procedure.	Possible low power. Power will be removed from the EGR valve motor.



EGR Valve Self Calibration Circuit

SMALL | MEDIUM | LARGE

Circuit Description

The electronic control module (ECM) periodically checks and adjusts the zero position of the

EGR valve position sensor when the EGR valve is closed. This self calibrating feature adjusts for wear and unit to unit variation of position sensors and valve assemblies. This fault is logged if the position sensor reading is outside the self calibration limits.

Component Location

The EGR valve position sensor is mounted on the EGR valve assembly. [Refer to Procedure 100-002 \(Engine View\) in Section E](#) for a detailed component location view.

Shop Talk

A possible cause of this fault is an EGR valve assembly internal malfunction that is causing the EGR valve **not** to close fully.

Another possible cause of this fault code is high resistance in the EGR valve connectors or the EGR valve position +5 volt SUPPLY. A short circuit between the EGR valve position SIGNAL and other pins could also trigger Fault Code 2348.

[Refer to Troubleshooting Fault Code t05-2348](#)

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