1 01 04-19

Service Information Bulletin

SUBJECT	DATE
Delta P Sensor	January 2019

Additions, Revisions, or Updates

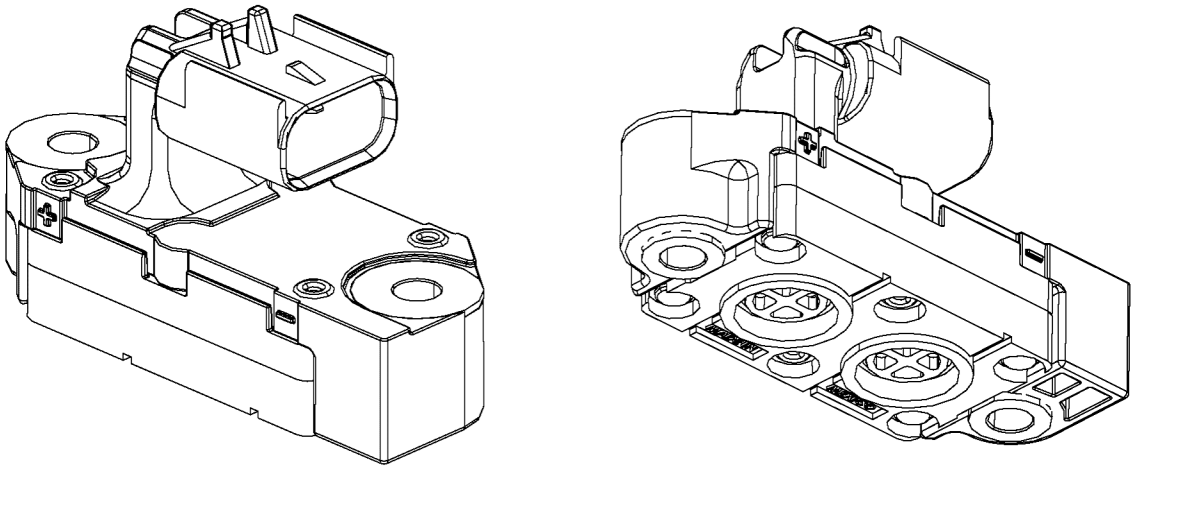
Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0084	EPA07/10/ GHG14 Heavy Duty	7.14 Delta P Sensor 7.14.1 Description and Operation of the Delta P Sensor	New description and operation section.

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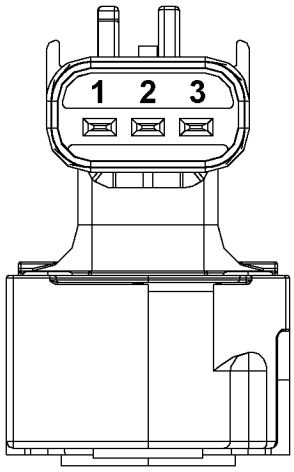
2 Description and Operation of the Delta P Sensor

The delta P sensor is mounted on the Exhaust Gas Recirculation (EGR) venturi pipe. The Motor Control Module (MCM) receives a signal from the delta P sensor that senses pressure drop across the EGR venturi. The MCM uses this signal to calculate the EGR flow rate. EPA07 and EPA10 engines use the delta pressure calculation for aftertreatment functionality. Starting with GHG14,the delta P calculation is no longer used for control of the aftertreatment system.



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Figure 1. Delta P Sensor



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1. Signal
2. Ground
3. Supply Voltage

Figure 2. Delta P Sensor Pins

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