

Instrument Cluster Reported Fuel Economy
Calibration
D16H, OBD2013

FSB 284-046, Instrument Cluster Reported Fuel Economy Calibration

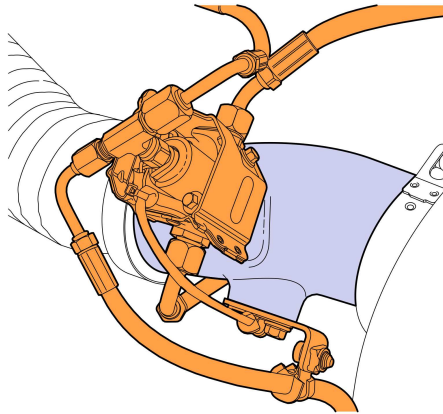
(September 2013)

To improve the accuracy to the instrument cluster reported fuel economy it has been determined that parameter **AIZ (US2010)** or **P1ALZ (OBD2013)** default setting may need adjustment. The VOLVO 16L engine platform has had three different engine injector part numbers introduced since the start of production. Each different part number requires a different parameter setting that controls the reported Instrument Cluster Reported Fuel Economy.

Use the following information to ensure the parameter settings are correct and that the customer is getting the correct reported fuel economy.

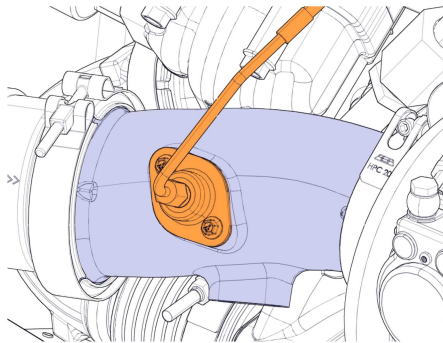
- 1 Determine engine control module dataset 2 part number using aftertreatment doser system variant.

Engine Variant (Aftertreatment Doser System)	Dataset 2 Software Part Number	Action Required
Non-Integrated Aftertreatment Doser	Equal or less than 21989040	Program MID 128
	Equal or more than 22264397	None
Integrated Aftertreatment Doser	Equal or less than 22069084	Program MID 128
	Equal or more than 22257506	None



W2078571

Non-Integrated Aftertreatment Doser System



W2078693

Integrated Aftertreatment Doser System

2 Determine the engine injector part number.

Engine Injector Part Number	21457953	21683459	22027810
Engine Serial Number Range	42863 — 56745	56930 thru start of production, model year 2014	Aftermarket
Parameter Setting - AIZ	Change setting to +4	Change setting to -6	Verify setting is at 0, if not change to 0
Parameter Setting - P1ALZ	Not Applicable	Verify setting is at 0, If not change to 0	Change setting to +5

Note: Engine injector part number information is registered at the time of production. If the engine injectors have been replaced and the part number is not known, valve cover removal is required.