

This Field Service Bulletin replaces bulletin FSB 293-024 dated 3.2014.

EGR Differential Pressure Sensor
D13F, D13H

FSB 293-024, Exhaust Gas Recirculation (EGR) Differential Pressure Sensor

(July 2014)

On VOLVO vehicles equipped with a VOLVO D13 engine built between January 1, 2007 and January 1, 2013 that require the replacement of the EGR venturi tube or an EGR differential pressure sensor, it will be necessary to replace them with a kit to update the system to the current levels.

Note: It is **NOT** necessary to replace the entire engine harness when a new type sensor is being installed.

Note: Once a vehicle has been updated with the new style EGR venturi tube and differential pressure sensor, future repairs of these components should be performed individually and not with the update kit.



CAUTION

Confirm pin locations are correct when installing the EGR differential pressure sensor jumper harness. Improper pin locations will result in improper operation. Refer to Engine Harness Connector Pin Locations in this bulletin.

Refer to the appropriate service bulletin in Function Group 29 for service procedures.

Service personnel: Please circulate, read and initial

Service Manager	Warranty Administrator	Workshop Foreman	Service Technicians						

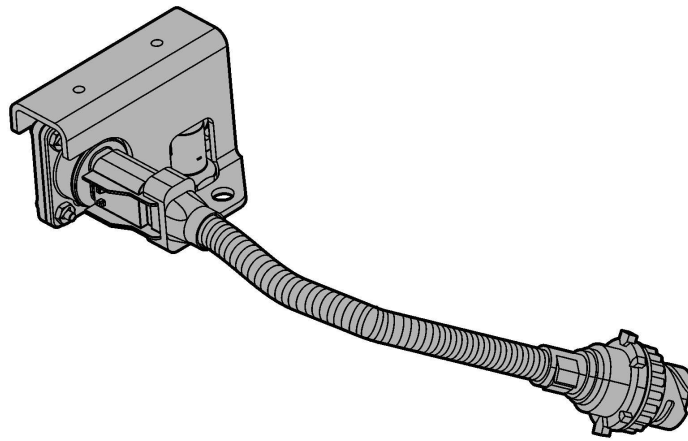
Engine Harness Connector Pin Locations

EGR Differential Pressure Sensor DIN Connector Engine Harness

DIN Connector Housing Wire Assembly and Plug Positions	
Wire Assembly	Plug Position
White/Green (+5V)	DIN Connector Position 1
Brown (Signal)	DIN Connector Position 2
White/Brown (GND)	DIN Connector Position 4
Sealing Plug	DIN Connector Position 3

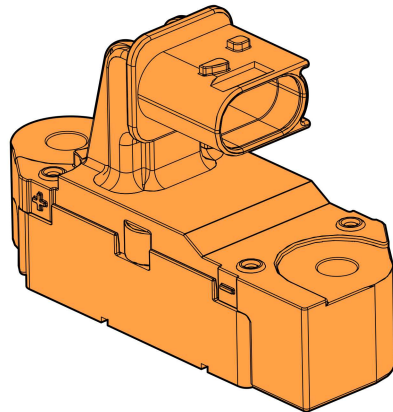
EGR Differential Pressure Sensor DIN Connector Jumper Harness

DIN Connector Housing Wire Assembly and Plug Positions	
Wire Assembly	Plug Position
Green (+5V)	DIN Connector Position 1
Brown (Signal)	DIN Connector Position 2
Yellow (GND)	DIN Connector Position 4
Sealing Plug	DIN Connector Position 3



W2056394

Old Style Differential Pressure Sensor



W2079416

New Style Differential Pressure Sensor

Required Parts

EGR Differential Pressure Sensor Kits	
Description (Application)	Kit Part Number
Non-Allison Transmission	85143379
Allison Transmission	85143380

Non-Allison Transmission Kit Includes

Description	Quantity
Sensor	1
Harness	1
Venturi	1
Wrap	1
Screw Sensor	2
O-Ring	2

Allison Transmission Kit Includes

Description	Quantity
Sensor	1
Harness	1
Venturi	1
Wrap	1
Screw Sensor	2
O-Ring	2