

This Field Service Bulletin replaces bulletin FSB 293-024 dated 2.2014.

Date 3.2014 Group **293** No. **024** Release **02** Page 1(5)

EGR Differential Pressure Sensor D13F, D13H, D16F, D16H

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

(March 2014)

On Volvo vehicles 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. The kits will contain the new type of sensor and a crimped in pigtail for the D16 engines and a jumper harness for the D13 engines.

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



CAUTION

For D13 engines only, verify and locate the pins in the **engine harness connector** for the EGR differential pressure sensor prior to the installation of the kit. Improper pinning 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						

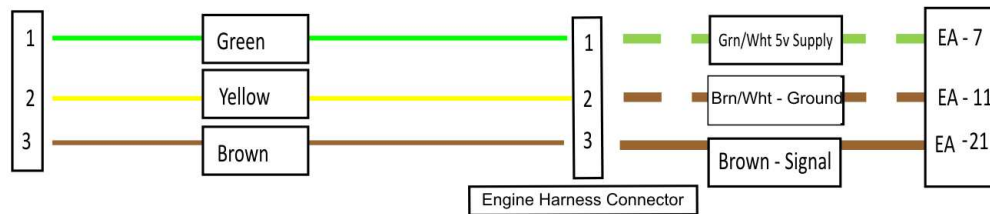
Engine Harness Connector Pin Locations

When installing the kit for the updated EGR differential pressure sensor for the D13 engine, the engine harness connector pins will need to be relocated. The previous pin locations were:

- Pin 1 — Green/White
- Pin 2 — Brown
- Pin 4 — White/Brown

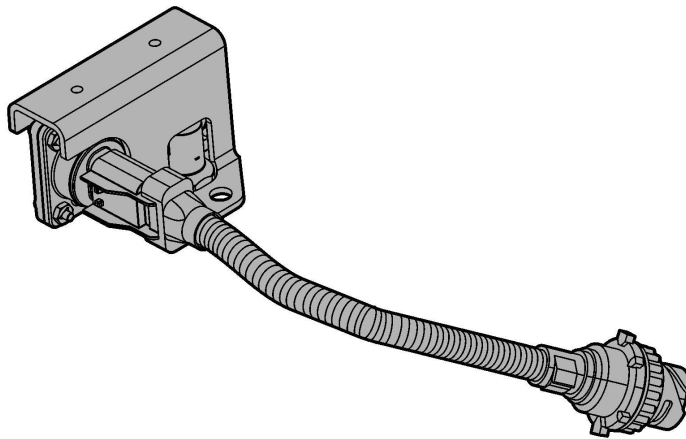
The new engine harness connector pin locations when replacing old style EGR differential pressure sensor with the new style sensor used in kit are:

- Pin 1 — Green/White
- Pin 2 — Brown/White
- Pin 3 — Brown



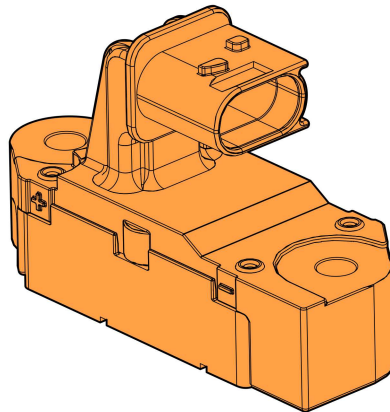
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Use extractor tool (part number 9812483) in kit 88890037 to relocate the engine harness connector pins.



W2056394

Old Style Differential Pressure Sensor



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New Style Differential Pressure Sensor

Required Parts

EGR Differential Pressure Sensor Kits	
Description (Application)	Kit Part Number
D13 Non-Allison Transmission	22069629
D13 Allison Transmission	22069630
D16	22069631

D13 Non-Allison Transmission Kit 22069629 Includes

Part Number	Description	Quantity
21634076	Sensor	1
22037398	Harness	1
21948053	Venturi	1
22073940	Wrap	1
984737	Screw Sensor	2
967343	O-Ring	2

D13 Allison Transmission Kit 22069630 Includes

Part Number	Description	Quantity
21634076	Sensor	1
22037398	Harness	1
22001108	Venturi	1
22090422	Wrap	1
984737	Screw Sensor	2
967343	O-Ring	2

D16 Kit 22069631 Includes

Part Number	Description	Quantity
21634076	Sensor	1
22037618	Harness	1
21892930	Venturi	1
21896809	Wrap	1
984737	Screw Sensor	2
85124530	Hose Kit	1
967343	O-Ring	1