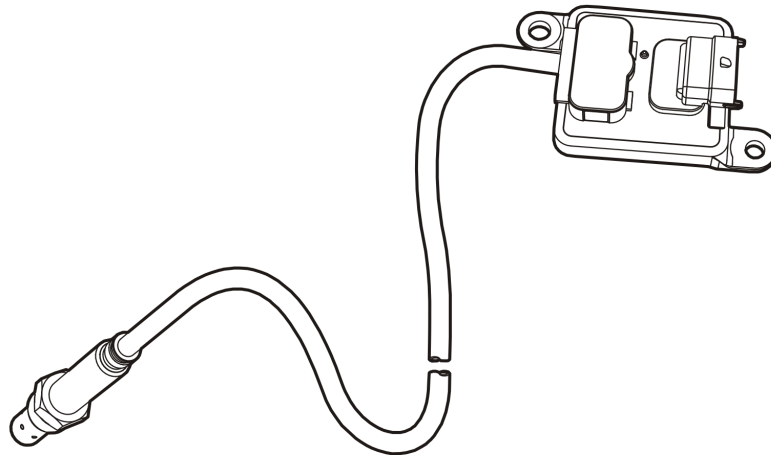


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NOX Sensor and Control Module
(Vertical DPF), Replacement
D11F, D13F, D16F

NOX Sensor and Control Module (Vertical DPF), Replacement



W2006481

This information covers replacement of the NOX sensor and control module used for the vertical DPF system with Volvo D11F, D13F and D16F engines.

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- "NOX Sensor and Control Module, Replacement" page 2

Note: Information is subject to change without notice.
Illustrations are used for reference only and can differ slightly from the actual engine version. However, key components addressed in this information are represented as accurately as possible.

Service Procedures

2589-03-02-11

NOX Sensor and Control Module, Replacement

You must read and understand the precautions and guidelines in Service Information, group 20, "General Safety Practices, Engine" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

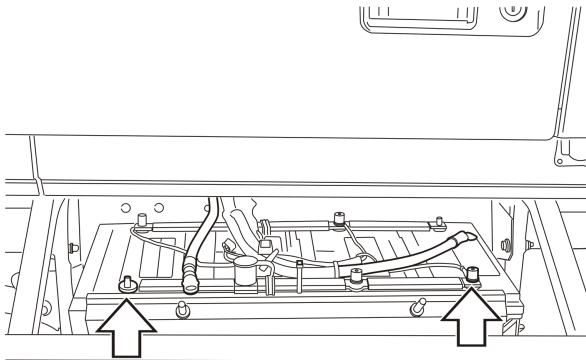
Removal

1

Apply the parking brake and place the shift lever in neutral.

2

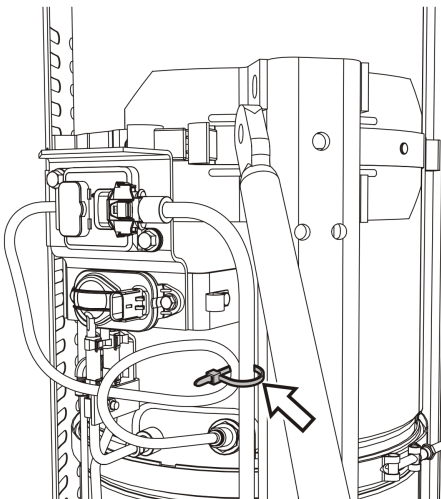
Remove all cables from ground (negative) battery terminals to prevent personal injury from electrical shock.



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3

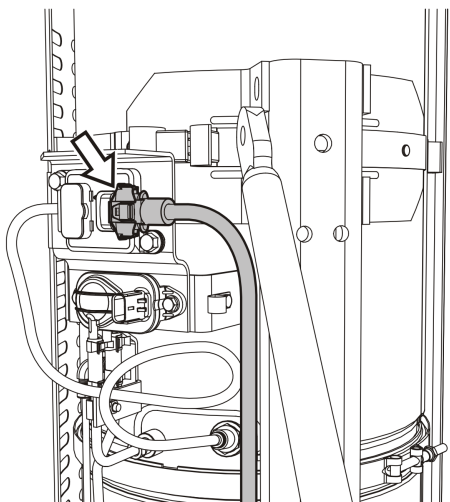
Cut all tie straps securing harness connector or sensor lead.



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4

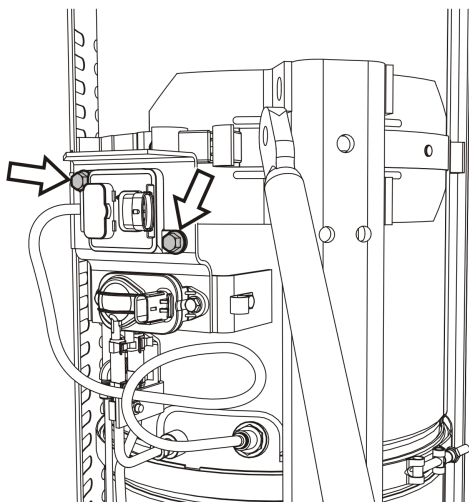
Disconnect harness from NOx control module.



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5

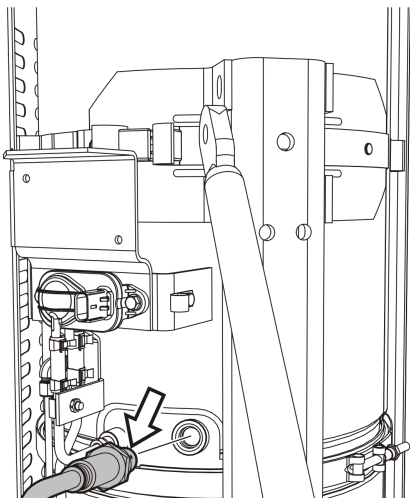
Remove control module fasteners.



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6

Remove sensor from outlet module.



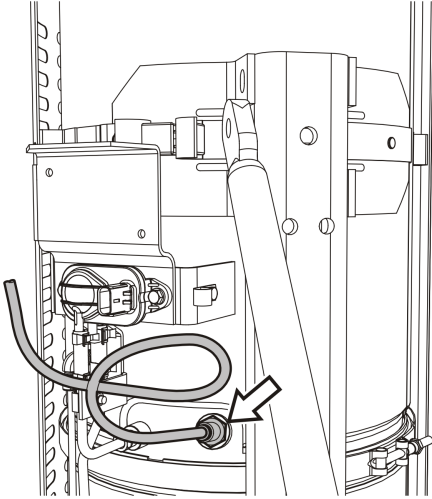
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Installation

1

Apply a high temperature anti-seize compound to the threads of replacement sensor. Install sensor into outlet module. Tighten the sensor to specification.

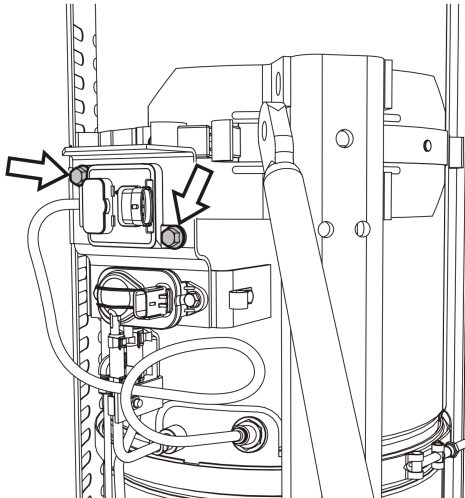
Note: For torque specification, refer to the specification bulletin in group 20.



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2

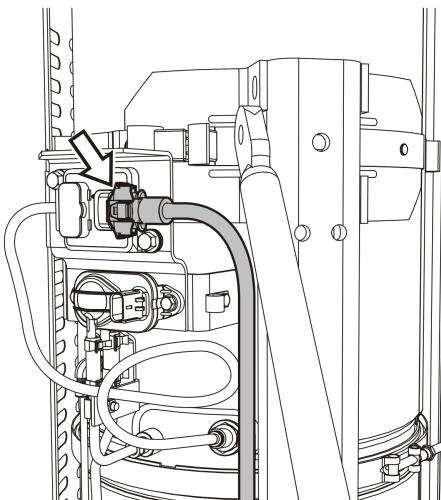
Install control module fasteners. Tighten fasteners to specification.



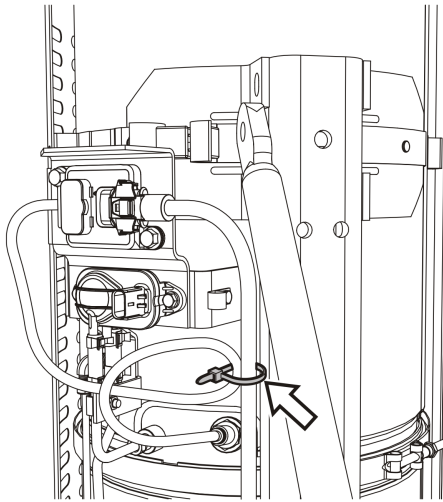
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3

Connect harness to control module.



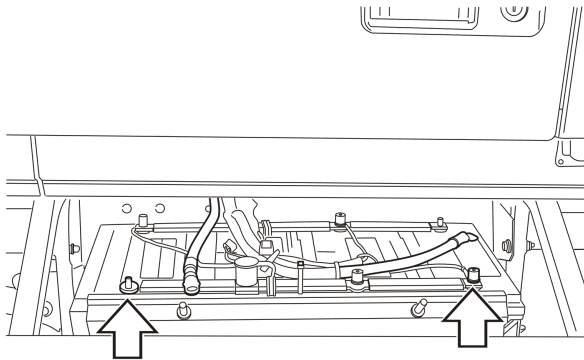
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4

Secure harness and sensor lead with tie straps.



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5

Install all previously removed cables to the ground (negative) battery terminals.