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## Service Information Bulletin

SUBJECT	DATE
Diagnostic Tests	March 2017

### Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0193	GHG17 Medium Duty	PCV Flow Test	This is a new procedure.



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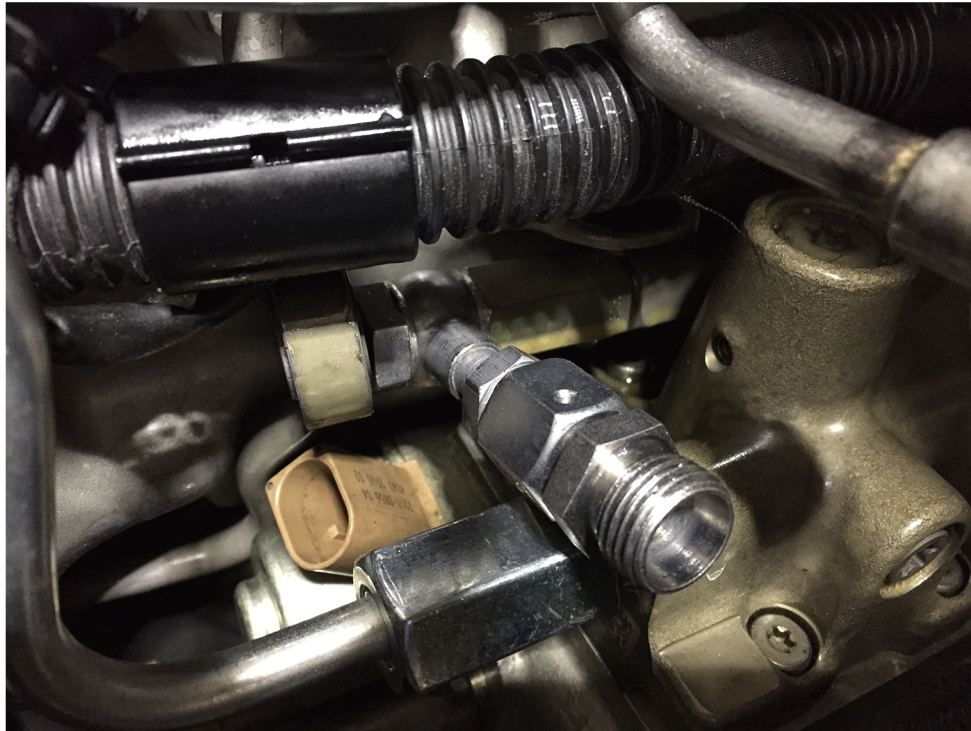
## 2 PCV Flow Test

**Table 1.**

Service Tools Used in the Procedure	
Tool Number	Description
W936589049100	Fuel Return Flow Tool
J-48708	Fuel Flow Tool
DSN930E16009	Fuel Flow Hoses
N/A	DiagnosticLink® 8.05 or later

Check as follows:

1. Turn ignition OFF.
2. Drain fuel from system.  
For DD5; Refer to section "Draining the Fuel System Prior to Repairs"  
For DD8; Refer to section "Draining the Fuel System Prior to Repairs"
3. Remove air compressor resonator.  
For DD5; Refer to section "Removal of the Air Compressor Resonator"  
For DD8; Refer to section "Removal of the Air Compressor Resonator"
4. Disconnect electrical connectors for Pressure Control Valve (PCV), Quantity Control Valve (QCV), and camshaft phaser solenoid.
5. Disconnect clamp for fuel return line.
6. Disconnect fuel return line at rail.
7. Disconnect fuel return line at check valve.
8. Attach test adapter with banjo bolt and sealing rings on the check valve (W936589049100).  
For DD5; Refer to section "Installation of the Fuel Rail" for proper torque specifications.  
For DD8; Refer to section "Installation of the Fuel Rail" for proper torque specifications.

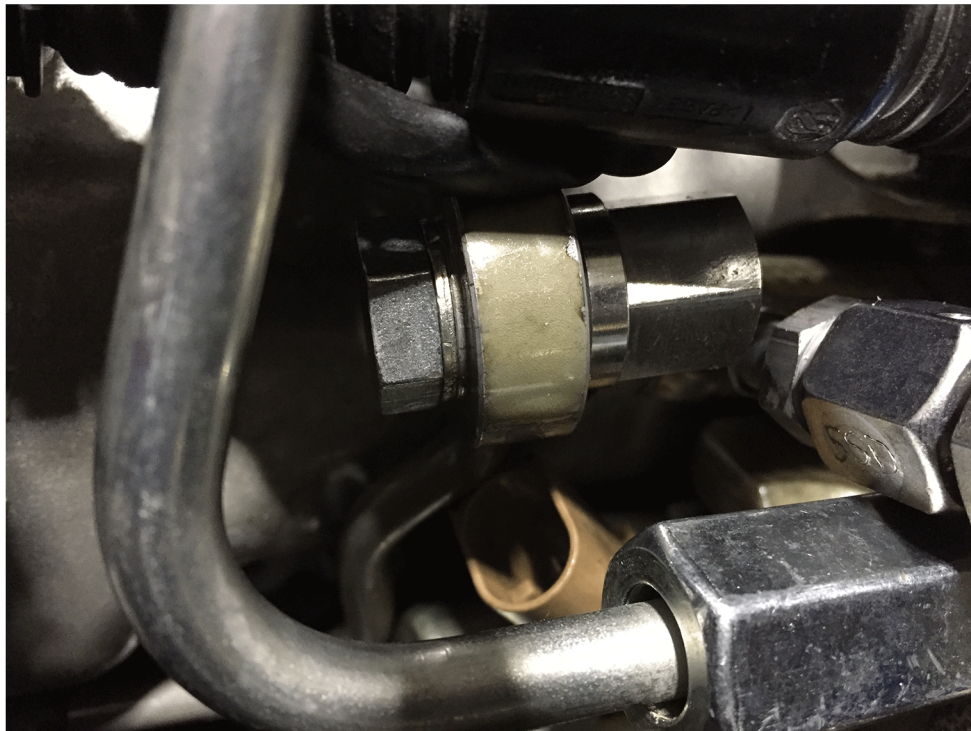


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9. Close off fuel return line with stop plugs (W936589049100).



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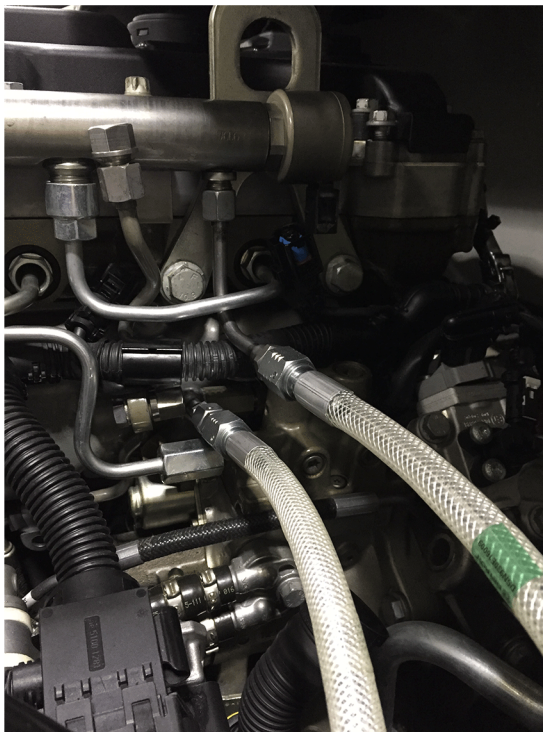
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10. Connect electrical connectors to PCV, QCV, and camshaft phaser solenoid.
11. Connect test adapter to rail (W936589049100).  
For DD5; Refer to section "Installation of the Fuel Rail" for proper torque specifications.  
For DD8; Refer to section "Installation of the Fuel Rail" for proper torque specifications.



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12. Connect fuel flow hoses (DSN930E16009) to test adapters and run to separate containers (J-48708).



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13. Perform Fuel System Integrity Check using DiagnosticLink 8.05 or higher.
14. Measure flow from the PCV. PCV flow should be less than 100 mL (3.4 oz.).