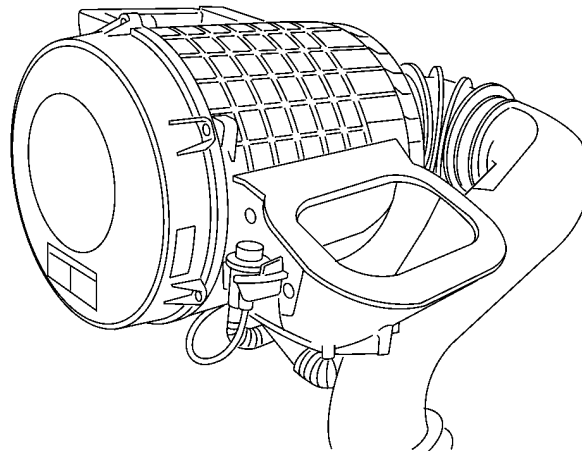


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Air Filter Housing  
Replacement  
D16F

## Air Filter Housing, Replacement



W2005152

This information covers the proper procedure for replacing the air filter housing on any chassis with the Volvo D16F engine.

### Contents

- "Air Filter Housing, Replacement" page 2

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

# Service Procedures

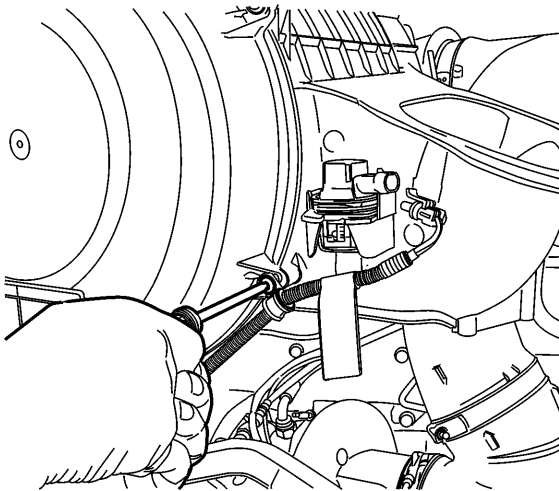
## 2561-03-02-01

### Air Filter Housing, 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.

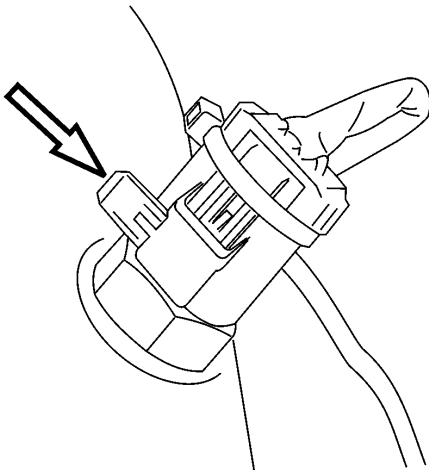
### Removal

- 1**  
Apply the parking brake and place the shift lever in neutral.
- 2**  
Disconnect and remove the air filter restriction gauge wiring harness from the air filter housing.



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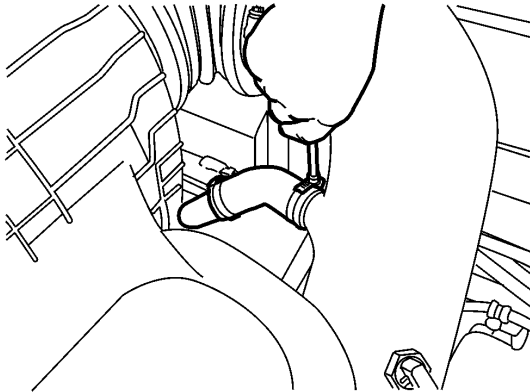
- 3**  
Unplug the air temperature sensor wiring harness connector. First, remove the lock tab, then separate the connector from the sensor. Also, remove the clamp securing the sensor harness to the fresh air pipe.



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**4**

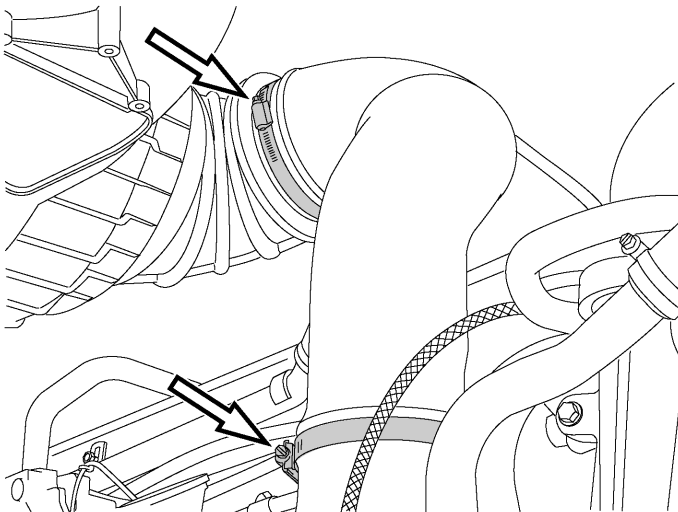
Loosen the fresh air pipe-to-air compressor hose clamp and position the clamp out of the way.



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**5**

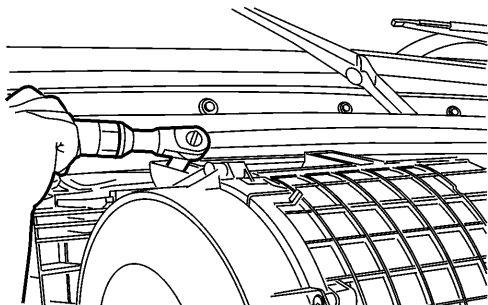
Loosen the clamps and remove the main fresh air pipe from the air compressor fresh air hose, the air filter housing and turbocharger air inlet elbow.



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**6**

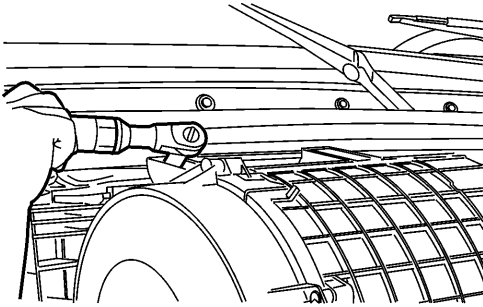
Remove the fasteners and lift the air filter housing away from the cab.



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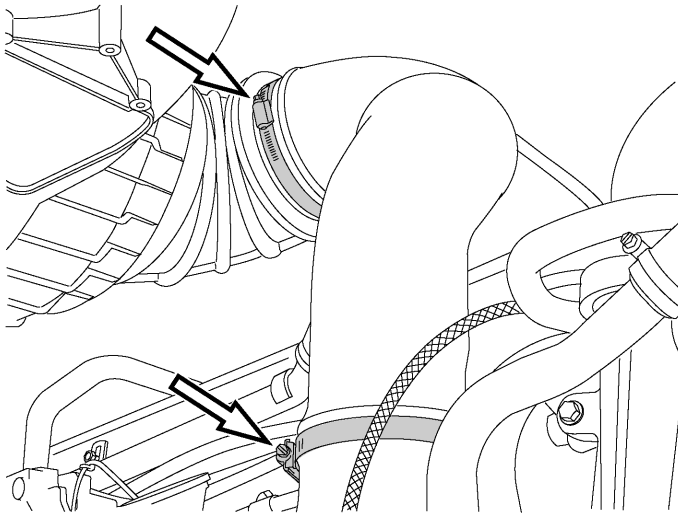
## Installation

- 1**  
Position the air filter housing against the cab and install the fasteners to secure.



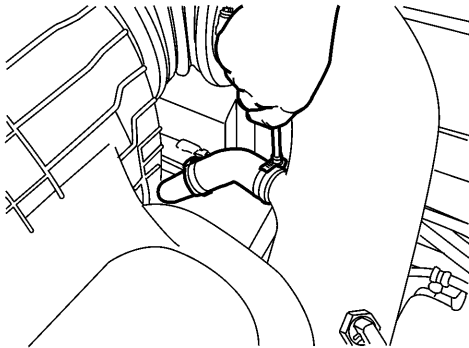
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- 2**  
Install the main fresh air pipe between the air filter housing and the turbocharger air inlet elbow. Position the clamps and tighten to secure.

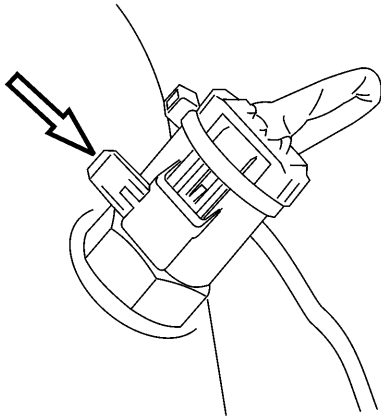


W2006005

- 3**  
Install the air compressor hose to the main fresh air pipe, position the clamp and tighten to secure.

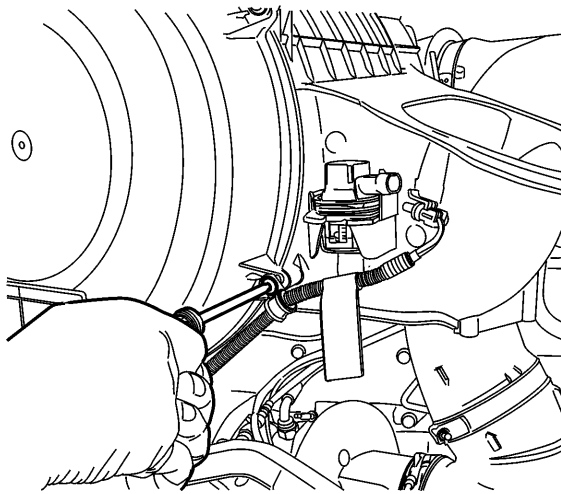


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**4**  
Install the air temperature sensor harness connector to the sensor. Insert and secure the connector lock tab. Also, install the clamp to secure the harness to the fresh air pipe.



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**5**  
Connect and secure the air filter restriction gauge wiring harness to the air filter housing.

**6**  
Check all clamp connections at the air filter housing, turbocharger and air compressor hose.

**7**  
Start the engine. Check for leaks and proper operation.