

Your Vehicle: 2004 Audi A8L Quattro Sedan (4E8) V8-4.2L (BFM)



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Attachment Bulletin # 170405

Group: 17

Number: 04-05

Date: Dec. 09, 2004

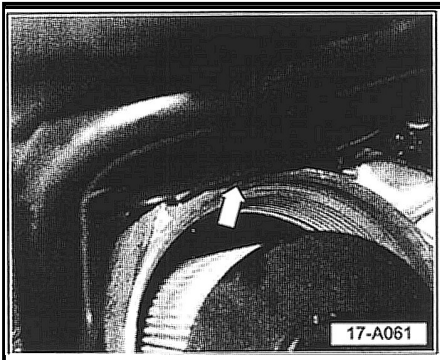
Subject:

[Oil Filter](#) Cap, Interference with Generator (GEN) Coolant Pipe

Model(s):

A8L with 4.2L (engine code BFM) 2004 > 2005

Condition



- During engine oil change service, Technician may find that the generator coolant return pipe -arrow- may interfere with removal or installation of the [oil filter](#) cap.

May be caused by an incorrect coolant pipe tolerance allowing the pipe to slightly overlap the [oil filter](#) cap.

Production

Pipe with additional clearance installed beginning with VIN: 4E\_5N005555.

Service

Tip:

Vehicles should only be retrofitted if [oil filter](#) cap cannot be installed easily.

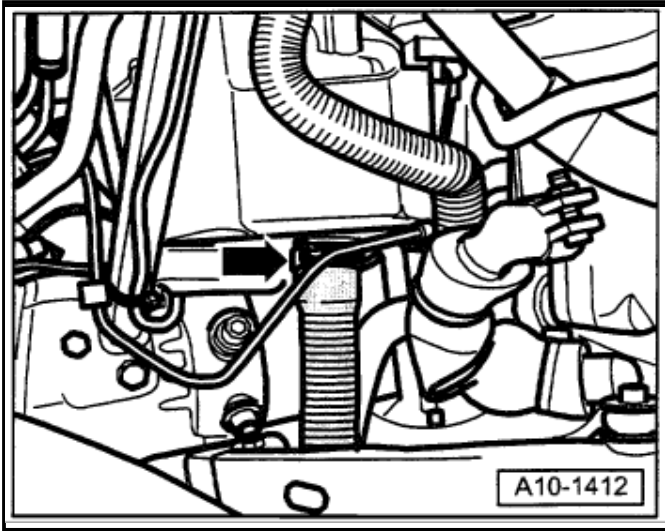
If there is enough clearance to easily install [oil filter](#) cap:

^ No further action is required DO NOT perform this Technical Bulletin.

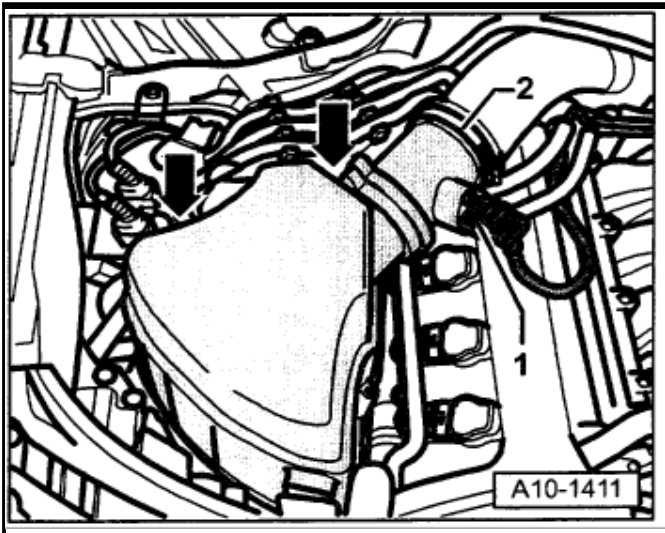
If there is NOT enough clearance to easily install oil filter cap:

Retrofit the generator coolant return pipe as follows.

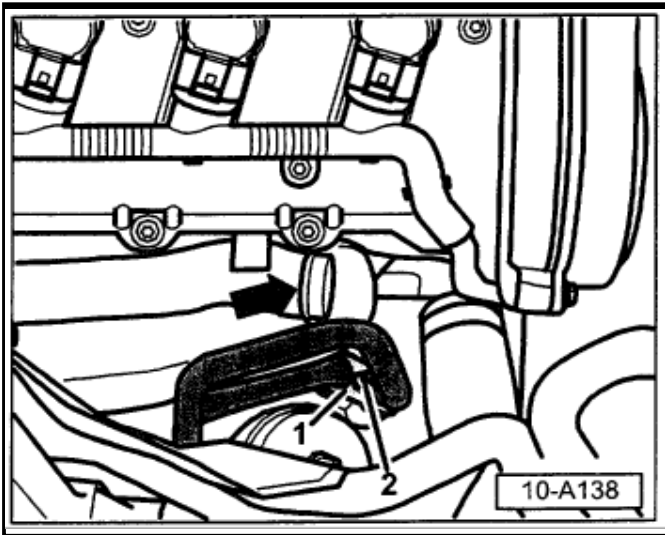
- Disconnect battery Ground (GND) strap (see Repair Manual Group 27 - Battery; Starter; Generator Cruise control, Battery, disconnecting and reconnecting).
- Drain coolant (see Repair Manual Group 19-Engine - Cooling system, Cooling system, draining and filling).



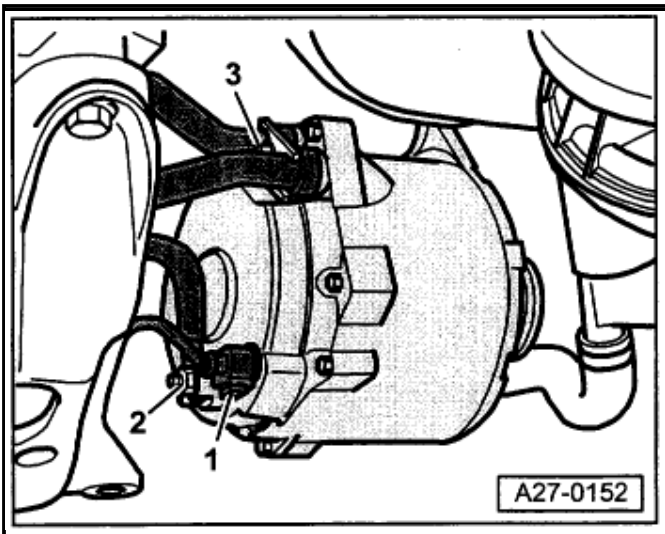
- Remove hose -arrow- to secondary air pump at bottom of air filter housing.



- Remove air hose -2- at air filter housing.
- Disconnect electrical connection -1-.
- Remove bolts -arrows- and remove air filter housing (DO NOT separate air filter housing assembly).
- Remove coolant hose from coolant pipe -arrow- (illustration shows hose removed).



- Remove bolt -1- and mounting plate -2- from the top generator coolant pipe connection.



- Remove bolt -3- and securing plate beneath.

- Replace generator coolant return pipe Part No.: 077 117 412R (includes new seals).

^ Only improved coolant return pipes are available from your Parts Depot.

Tip:

Part numbers listed in this bulletin are for reference only. Always check with your Parts Dept. for the latest parts information.

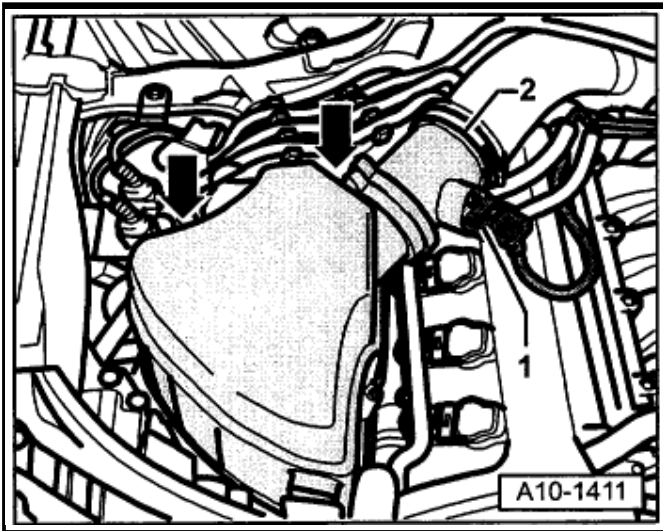
- Install two new seals Part No: N 907 834 02 on generator supply pipe.

Torque

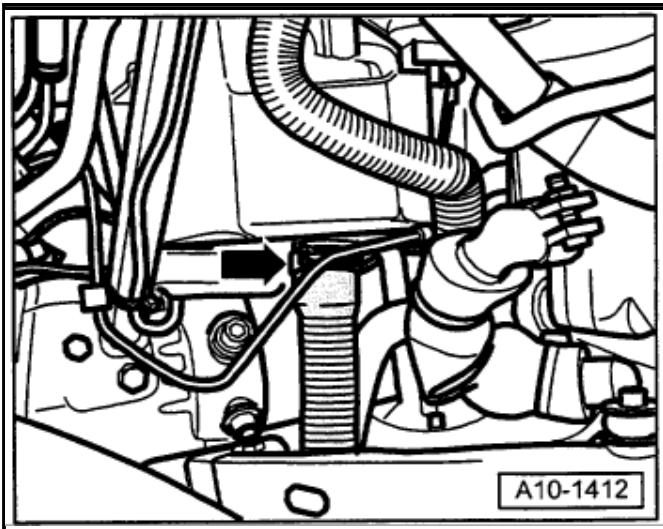
^ Coolant pipes to Generator (GEN) = 10 Nm.

^ Coolant pipes to Oil filter bracket = 10 Nm.

- Reinstall coolant hose to coolant pipe.



- Reinstall air filter housing assembly.
- Reinstall air hose -2- at air filter housing.
- Reconnect electrical connection -1-.



- Reinstall hose -arrow- to secondary air pump at bottom of air filter housing.
- Connect battery Ground (GND) strap (see Repair Manual Group 27 - Battery Starter, Generator; Cruise control, Battery, disconnecting and reconnecting).
- Fill Coolant (see Repair Manual - Group 19 Engine - Cooling system, Cooling system, draining and filling).

<b>Claim Type:</b>	<b>W2</b>
<b>Part Identifier:</b>	<b>2722</b>
<b>Labor Operation:</b> Only if pipe needs to be replaced	<b>27229999 Use A-time Maximum A-Time allowed 110 TU</b>
<b>Claim Comment: Input "As per Technical Bulletin 170405" into comment section of Warranty Claim</b>	

When procedure applies to vehicles within the New Vehicle Limited Warranty, use the table.

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