

#### 19i9 UPDATE - Coolant Expansion Tank (NVLW)

April 22, 2013

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8/S8	2013	009820 - 015495	None

REVISION HISTORY			
Revision	Date	Purpose	
1	04/22/2013	Removed coolant part number, G A13A8JM1	

#### Condition

This Update has been proactively released to prevent the following condition from occurring in the vehicle:

It is possible that leakage may occur at the weld seam on coolant expansion tanks manufactured within a specific period on Audi A8 vehicles.

The Update is in effect until removed.

Vehicle must meet all of the following criteria:

- Procedure is valid only for vehicles that show the 19i9 code in the ElsaWeb Campaign/Action Information screen on the day of repair.
- Vehicles must be within the New Vehicle Limited Warranty.
- Procedure must be performed within the allotted timeframe stated in this Technical Service Bulletin.
- Procedure must be performed on applicable vehicles in dealer inventory prior to sale.

### Technical Service Bulletin

#### **Service**

The production date of the coolant expansion tank must be checked on the affected vehicles and the expansion tank must be replaced, if necessary.

#### Checking manufacturing date of coolant expansion tank



- Hot steam and hot coolant can escape, creating a risk of scalding.
- The cooling system is under pressure when hot.
- Cover filler cap on coolant expansion tank with a cloth and open carefully to release pressure.
- Detach cover (Figure 1, 2) from lock carrier (Figure 1, arrows).
   Retainers (Figure 1, 3 and Figure 1, 4) must be released when cover is pulled off. Pull cover out of slot on lock carrier (Figure 1, 1) and remove.

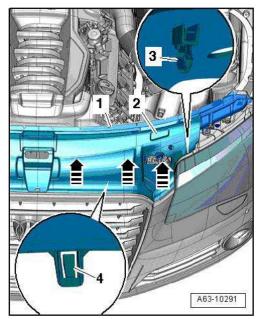


Figure 1. Removing cover.



 Remove longitudinal member (left side) by unscrewing bolts at front and rear (Figure 2) and lifting it out. (Tightening torque: 24 Nm) Then, remove bolts (Figure 3).

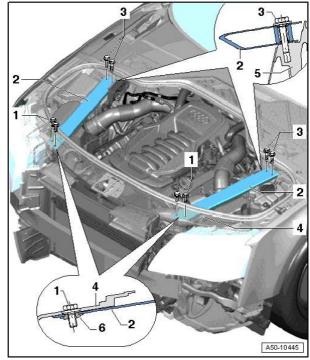


Figure 2. Longitudinal member removal



Figure 3. Front and rear bolts.

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3. Lift up coolant expansion tank to find the manufacturing date (Figure 4).



Figure 4. Lifting up coolant expansion tank

4. Observe the manufacturing date. The dial on the left represents the month, and the dial on the right represents the year (Figure 5). In Figure 5, the dial on the left shows "7", and the dial on the right shows "12", which means that this example was made in July, 2012.

If the manufacturing date shows either of the following dates, it must be replaced:

- July, 2012
- August, 2012

If the manufacturing date shows any other date, it is okay and can be re-installed.



Figure 5. Manufacturing date.

#### Replacing the coolant expansion tank

- 1. Remove the air duct from the engine:
  - •W12 engine (Figure 6)
  - S8 engine (Figure 7)



Figure 6. W12 air duct

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Figure 7. S8 air duct

2. Unplug connector (Figure 8, 1) and disconnect breather line (Figure 8, 2)

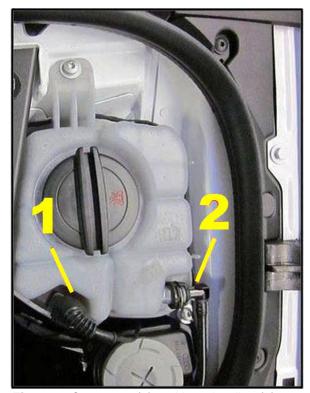


Figure 8. Connecter (1) and breather line (2)

3. Clamp off the expansion tank filler hose with hose clamp 3094 or similar.



4. Release hose clip, disconnect filler hose, and seal off opening on expansion tank immediately with your finger (Figure 9).



Figure 9. Expansion tank filler hose

- 5. Lift out expansion tank and catch remaining coolant.
- 6. Install in reverse order of removal.



Check the manufacturing date of the *new* coolant expansion tank before installing. If the manufacturing date is July, 2012, or August, 2012, the coolant expansion tank must not be used.

- 7. Top off cooling system as required.
- 8. Start engine and visually inspect for leaks.

code in the ElsaWeb Campaign/Action Information screen on the day of repair.

## Technical Service Bulletin

#### Warranty

Update Time Requirements/ Reimbursement	To ensure prompt and proper payment, be
	sure to immediately enter the applicable
	reimbursement code listed below upon
	completion of the repair work. Claims will be
	paid only for vehicles that show the 19i9

#### 19i9 Saga Claim Entry Procedure

Check ElsaWeb to determine whether Update 19i9 is open.

Service No.: 19i9

Damage Code: 0099

Parts Manufacturer - Removed part: 002

Claim Type

Sold vehicle = 7 10

Unsold vehicle = 7 90

#### Saga Accounting Instructions

Criteria ID	Repair operation	Labor Operation Number	TU	
01 or 02 or 04	Check manufacturing date of coolant expansion tank (no replacement required)	0183 0099	40 TU	
-OR-				
01 or 02 or 04	Check manufacturing date of coolant expansion tank and replace coolant expansion tank	1940 5599	70 TU	



Criteria ID	Part Number	Part Description	Quantity
01 or 02 or 04	4H0 121 403 H	Coolant expansion tank	1
01 or 02 or 04	G 013 A8J S0	Coolant additive	10

There is no reimbursement for vehicle wash or loaner vehicle.

If the vehicle is outside of the specified warranty period, the customer has the option to pay for the repair.

If the customer agrees to pay for the repair:

Fax the information to (248) 754-5093 and provide VIN, applicable Service Number, Customer Info, Dealer Number and Date.

If the customer does not agree to pay for the repair:

Fax the information to (248) 754-5093 and provide VIN, applicable Service Number, Customer Info, Dealer Number and Date.

**Additional Actions** Some of the affected vehicles may be involved in additional Actions.

Please check your ElsaWeb Campaign/Action Information screen so that

any additional required work can be done simultaneously.

**Update Verification** For verification, *always* check the ElsaWeb Campaign/Action Information

screen. The ElsaWeb system is the *only* binding inquiry and verification system; other systems are not valid and *may result in non-payment* of a

claim.

Help for Claim

For questions regarding claim input, contact the Warranty Helpline.

Input



**Required Customer** Inform your customer in writing by recording on the Repair Order any and **Notification** all work that was conducted on the vehicle, including any and all updates completed under this Update.



#### **Required Parts and Tools**

Part Number	Part Description	Quantity
4H0 121 403 H	Coolant expansion tank	1
G 013 A8J **	Coolant additive	1 liter

- Parts will not be allocated for this Update. Please email vwoaspecialservices@vw.com with valid VIN to obtain parts.
- Properly destroy and dispose of removed parts in accordance with all state and local requirements, unless otherwise indicated and/or requested through SAGA.
- If you have exhausted your allocated parts and you require additional parts for vehicles affected by this Update
  but have exceeded your Upper Order Limit, please submit your requests for additional parts via email to
  upperorderlimits@audi.com. Be sure to include the affected VINs with your order. Prior to submitting your
  request, ensure that each vehicle has the 19i9 code open in ElsaWeb. Your order will be reviewed and
  processed accordingly.

#### **Additional Information**

All parts and service references provided in this Update are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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