



Recall Circular

Code: LD

March 2002

**Subject: 2000-2001 Model Audi A8
Replace Fuel Filler Neck Unit**

Dear Audi Dealer

This is to inform you of the initiation of a voluntary safety recall involving some 2000 and 2001 model year Audi A8 vehicles. The recall involves the replacement of the fuel filler neck unit.

Problem

Description

Audi has found that a "blind cover" glued to the fuel tank's filler neck may not seal properly. Should this happen, the loss of fuel tank pressure will activate the leak detection system, alerting the driver of a systems fault. If not corrected, escaping fuel vapors could ignite.

Vehicle Identification

Number Range

The vehicles affected by the recall action are within the following vehicle identification number range:

W A U _ _ _ 4 D _ Y N 0 0 9 7 4 7 - W A U _ _ _ 4 D _ 1 N 0 0 2 4 0 0

Please note that the above VINs represent the lowest and highest serial numbers of affected vehicles. Use of the OTIS View Campaign inquiry screen will allow you to determine whether or not a particular vehicle, within the above VIN range, requires the corrective work.

Note: Audi will not reimburse under this recall any duplicate recall repair work or a repair outside the VIN range.

Remedial

Action

Remove and replace the complete fuel filler neck unit.

REPAIR SERVICE NOTE:

UPON ARRANGING AN APPOINTMENT FOR THIS SERVICE, PLEASE ASK THE CUSTOMER TO BRING THE VEHICLE IN, IF POSSIBLE, WITH NOT MORE THAN ¼ TANK OR LESS OF FUEL.

Important: Please Provide A Copy To All Personnel With Campaign-Related Responsibilities!

Audi of America, Inc.

Owner Notification Mailing

Audi will mail first class notification letters to all known owners of affected vehicles on or about March 29, 2002. A copy of the owner letter is enclosed for your information.

Vehicle Allocation

Prior to the owner notification mailing we will furnish to you a computer list containing the VINs including the owner names and addresses of vehicles that, according to our records, are located within your area of responsibility (AOR) and require the LD recall to be performed.

Note: The above listing will include names and addresses obtained from state motor vehicle registrations. Under the law of most states, including regulations set forth by the California Department of Motor Vehicles, vehicle registration information may only be used for recall purposes. Use for any other reason may constitute a violation of state law.

Limitation on Sale or Lease of Certain Vehicles

Section 154 (d) of the National Traffic and Motor Vehicle Safety Act of 1966 mandates that dealers correct, prior to delivery for sale or lease, any vehicle which fails to comply with an applicable Federal Motor Vehicle Safety Standard or which contains a defect relating to motor vehicle safety. It is therefore, imperative that any vehicle in your new or used car inventory and affected by this recall is corrected prior to sale.

Parts Information

You will automatically receive an initial supply of the replacement filler neck units based on your vehicle allocation count that is determined by the number of customers within your AOR who will be notified, which will be approximately 40%. Thereafter, additional required parts are to be ordered by you by contacting your facing parts depot.

The complete fuel filler neck is supplied as a unit with part number 4D0 201 301 T. The pinch clamps listed below are not part of the complete filler neck unit and must, therefore, be ordered separately.

Work Procedure

Overview: This procedure will describe removal and installation of the fuel filler neck including the expansion tank.

Special Tools Required

<u>Tool Number</u>	<u>Tool Name</u>
2012A	Spanner Tool
FM3000GH	Fuel Storage Cart, Non-lead
YA3080	Pinch Clamp tool

Parts Required

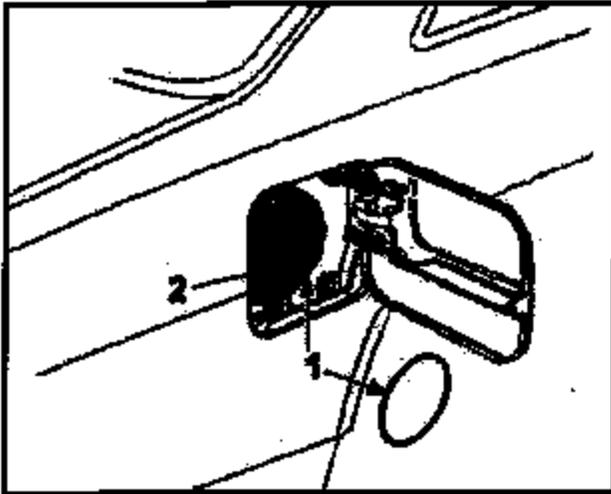
<u>Quantity</u>	<u>Part Number</u>	<u>Part Name</u>
1	4D0 201 301 T	Fuel Filler Neck with Expansion Tank
1	N 101 992 01	Pinch Clamp 15.7 mm
1	N 103 290 01	Pinch Clamp 21.5 mm
2	N 904 119 01	Pinch Clamp 27.1 mm

Work Sequence

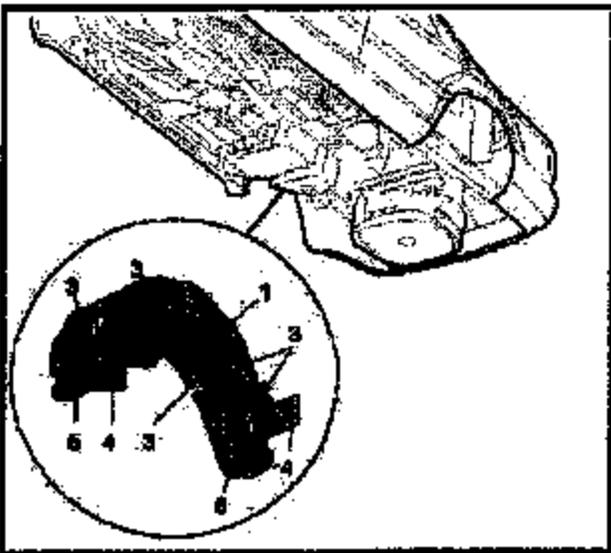
- Obtain radio code and record radio preset stations
- Check and record fuel gauge reading
- Turn ignition switch to "OFF" position
- If fuel level is higher than $\frac{3}{4}$ full, it will be necessary to lower the fuel level to $\frac{3}{4}$ full or lower. Refer to Repair Manual, Fuel Tank Draining. After lowering fuel level, return to this step to continue.
- If fuel level in tank is $\frac{3}{4}$ or lower, proceed with work procedure
- **Briefly** open the fuel filler cap to release pressure
- **Open trunk lid and remove carpeting from the floor of the luggage compartment and right side storage compartment cover**
- Disconnect the ground cable (GND) from the (-) battery terminal

When removing the fuel filler neck with expansion tank, the fuel tank should not be more than $\frac{3}{4}$ full

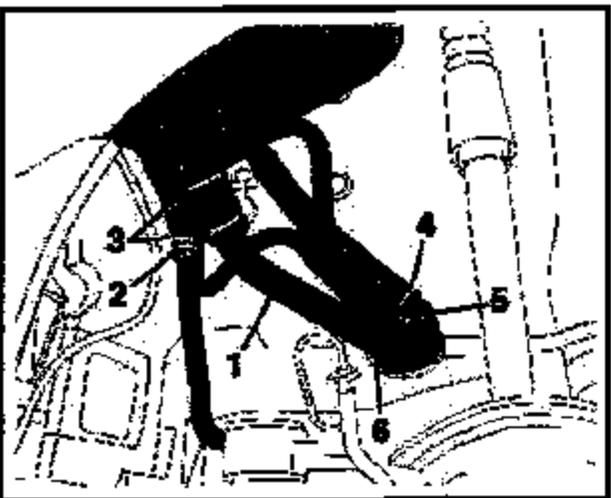
Fire hazard. DO NOT smoke or work near heaters or have anything in the area that can ignite fuel



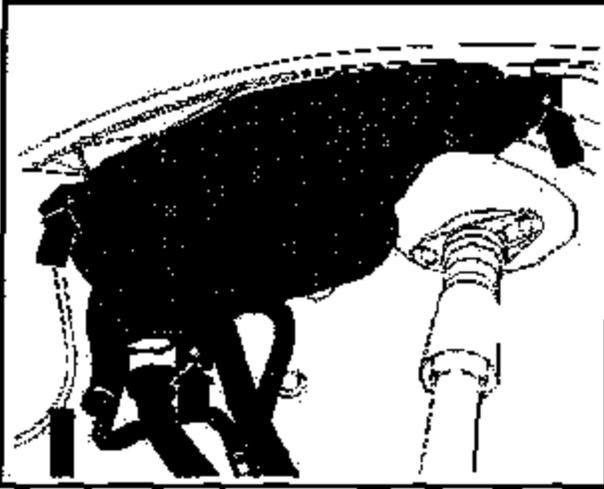
- Open fuel filler door and clean area around fuel filler neck
- Remove fuel filler cap
- ⇐ Remove retaining ring -1- holding rubber cup -2- to vehicle body
- ⇐ Push rubber cup -2- inward off of vehicle body



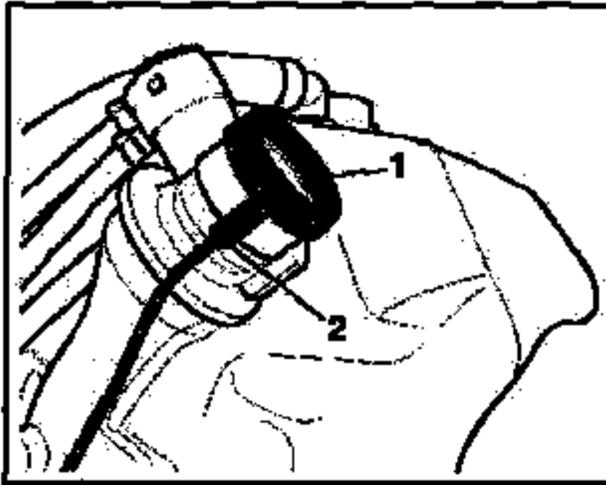
- Lift vehicle on hoist
- Remove right rear wheel
- ⇐ Remove cap nuts -3-, twist locks -4-, torx screw -5- & push pin -6-
- ⇐ Remove right rear wheel housing liner -1-



- ⇐ Loosen hose clamps -3- on connection hose between expansion tank and fuel filler hose -1-
- ⇐ Slide connection hose off expansion tank and slide down onto fuel filler pipe -1-
- ⇐ Mark vent hoses -2-, -4-, -5- and -6- for reconnection
- ⇐ Remove clamps and disconnect vent hoses -2-, -4-, -5- and -6- from lines

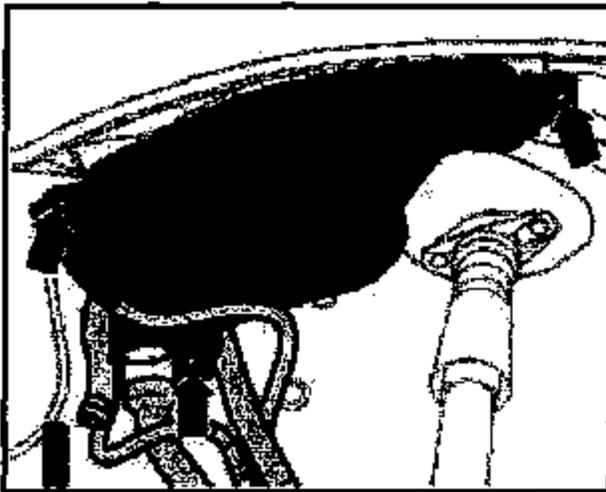


⇐ Remove 3 bolts -arrows- and carefully lower expansion tank a short distance



⇐ Disconnect ground (GND) cable -2- at metal ring (ground clamp) of fuel filler neck -1-

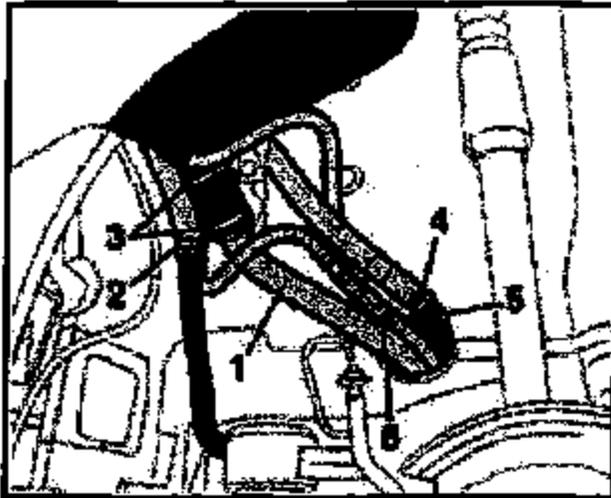
- Unclip overflow hose from vehicle
- Remove filler neck with expansion tank and rubber boot
- Obtain new fuel filler neck with expansion tank (4D0 201 301 T) and connect ground cable to metal ring (ground clamp) of fuel filler neck
- Reinstall rubber boot on filler neck and clip overflow hose to vehicle



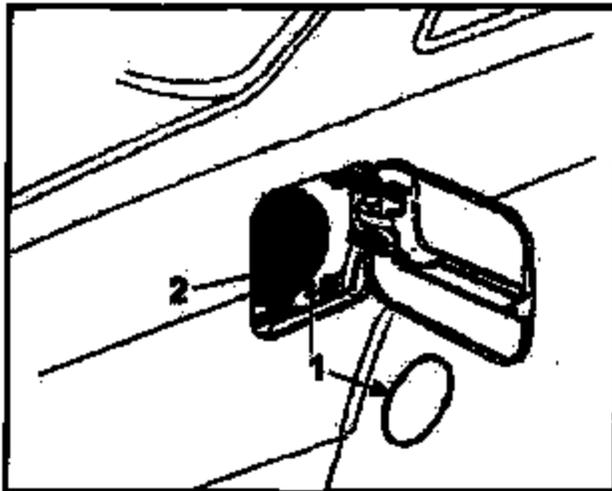
⇐ Carefully lift expansion tank into position making certain hoses do not get pinched and secure with 3 previously removed screws -arrows- and tighten to 5 Nm (44 in. lbs.)

CAUTION! AFTER INSTALLING THE EXPANSION TANK, USE OHMMETER TO CHECK THE ELECTRICAL CONNECTION BETWEEN METAL (GROUND CLAMP) RING ON THE FUEL FILLER NECK AND BARE METAL PART (GROUND) ON BODY

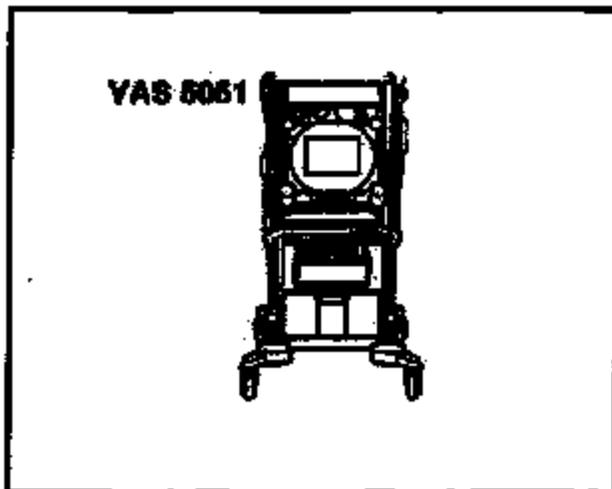
Specification: approx. 0 ohm



- ⇐ Slide upper connection hose from fuel filler hose -1- up onto expansion tank and tighten clamps -3-
- ⇐ Connect previously marked vent lines -2-, -4-, -5- and -6- to new hoses from filler neck with expansion tank using new pinch clamps N 101 992 01, N 103 290 01 and N 904 119 01

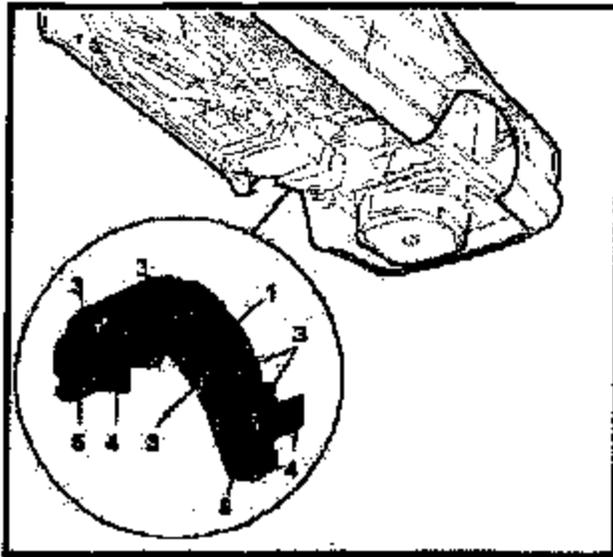


- ⇐ Position rubber cup -2- on vehicle and secure with retaining ring -1-
- Replace fuel if previously removed
- Reinstall fuel filler cap and close fuel filler door
- Reconnect the ground cable (GND) to the (-) battery terminal and tighten to 5 Nm (44 in.lbs.)



- ⇐ Obtain VAS 5051 and connect to data link connector under dash left of steering column
- Set engine readiness code
- Disconnect VAS 5051 from data link connector

IMPORTANT: Before installing right rear wheel liner, set readiness code, which also verifies the integrity of the Leak Detection System. If leak detection system passes, continue to assemble. If system does not pass leak detection test, locate leak and repeat readiness code setting



- ⇐ Reinstall right rear wheel housing liner -1-
- ⇐ Secure wheel housing liner with cap nuts -3- twist locks -4-, torx screw -5- & push pin -6-

- Activate radio with radio code and reset radio preset stations
- Set clock to correct time
- Set date to current date
- Using power window switches, close window fully to top, release switch and operate switch again for at least one second in the "Close" position to activate the automatic up and down function
- Repeat procedure for all door windows

Parts

Destruction

All removed parts must be immediately destroyed and discarded following the repair.

**Time Requirements/
Reimbursement**

To ensure prompt reimbursement, be sure to enter immediately upon completion of the repair work the reimbursement code listed below. Claims will only be paid for vehicles that show the LD code on the OTIS View Campaign screen on the day of repair.

LD Data Entry Procedure

Repair Code (Damage Code Field)	Time Units	Work Scope
LD 12	200 T.U.	- Replace Filler Neck Assembly
		1 4D0 201 301T Fuel filler neck with expansion tank
		1 N 101 992 01 Pinch clamp 15.7 mm
		1 N 103 290 01 Pinch clamp 21.5 mm
		2 N 904 119 01 Pinch clamp 27.1 mm

The system automatically enters the part numbers and labor applicable to the above listed code.

SUBLETS At-A-Glance

	SUB LBR	SUB PTS	LOANER
Wash/Vacuum vehicle			
Loaner vehicle ONE DAY			



For vehicles that, according to your information, cannot be corrected, and one of the codes below best describe the reason, please enter into the system one of the codes indicated, as applicable:

LD 20	Customer Refused Repairs
LD 30	Total Loss
LD 40	Vehicle Stolen
LD 50	Vehicle Exported

**Additional
Campaigns**

Some of the affected vehicles may be involved in additional corrective actions. Please check your OTIS View Campaign inquiry screen so that any additional required work can be done simultaneously.

**Recall
Verification**

For verification, always check the OTIS View Campaign Inquiry screen. The OTIS system is the only binding campaign inquiry and verification system; other systems are not valid and may result in non-payment of a claim.

**Dealer
Obligation**

To ensure customer satisfaction, as well as minimize inconvenience to your customers, you are urged to service each vehicle at the scheduled service appointment time and offer a loaner vehicle for one day, if necessary. Please ensure each vehicle is returned to the customer washed and vacuumed after the repair. In the event customers wait during the service do not let them wait longer than necessary for the recall repair service. Every effort should be made to reduce inconvenience to customers.

**Service
Help**



**Dealer
Personnel
Information**

Please inform and/or provide a copy of this communication to every person in your dealership who has campaign-related responsibilities, including parts and accounting personnel.

Thank you for your cooperation.

Sincerely,

John von Hollen
Product Compliance

Audi of America, Inc.



3600 Hannin Road
Auburn Hills, MI 48326
Tel. (248) 754-6000

10/11

March 2002

**Subject: Safety Recall LD
Replace Fuel Filler Neck Assembly**

Dear Audi Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Audi has decided that a defect, which relates to motor safety, exists in some 2000 and 2001 model year Audi A8 vehicles. Our records show that your Audi is one of the vehicles affected by this recall.

Defect Description

Your Audi's fuel system is equipped with a leak detection device which is designed to discover and signal the presence of a fuel or fuel vapor leak from the pressurized fuel system. Audi has found that the sealant used to seal a small opening located immediately below the rim of the filler neck may not have been properly applied during manufacture. If the seal is not proper, the fuel system may lose pressure and allow small amounts of fuel vapors from the filler neck to escape into the atmosphere. Fuel vapors in the immediate vicinity of an ignition source could result in fire. A vapor leak would also activate the MIL light on your instrument panel.

Remedial Action

Your dealer will replace the fuel filler neck and associated vapor expansion unit. Sufficient replacement parts including the necessary instructions are available at your authorized Audi dealer.

Anticipated Repair Time

The service will take approximately two (2) hours. Your dealer may need additional time for the preparation of the repair as well as, to accommodate the daily workshop schedule. The completed work will, of course, be performed at no cost to you.

What You Need To Do

Please telephone the Service Department of your authorized Audi dealer and schedule an appointment. Also, present to your dealer the enclosed form, which identifies your car for service.

IMPORTANT: Because the work procedure can best be performed only when the fuel level in the tank is below ½ full, we request that you bring your vehicle to the dealer prior to the time that it needs to be refueled.

Precautions You Can Take

If you should notice fuel odor prior to the time that the corrective work will be performed and/or the MIL light on your vehicle's instrument panel should come on, please contact your Audi dealer immediately.

Lease Vehicles

If you are the lessee and not the owner of the vehicle, please contact your lessor immediately. If you are the lessee,

Service Problem Help

If your authorized Audi dealer fails or is unable to remedy the defect free of charge within a reasonable time, please call or write to:

*Audi of America, Inc.
Attn: Client Relations – Hills East (LD)
3499 Hamlin Road
Rochester Hills, MI 48309
Telephone: (800) 822-2834*

If you still cannot obtain satisfaction, you may file a complaint with: Administrator, National Highway Traffic Safety Administration, U.S. Department of Transportation, 400 Seventh Street SW, Washington, DC 20590. Telephone: (888) 327-4236.

We regret any inconvenience this matter may cause you; however we want to make sure that your Audi is safe and operates to your satisfaction.

Sincerely,

John von Hollen
Product Compliance