

VOLKSWAGEN of America, Inc.

Product Compliance
3800 Hamlin Road
Auburn Hills, MI 48326
Phone: 1 (248) 754-5000
Fax: 1 (248) 754-5093

October 4, 2007

Ms. Patricia Wallace
Recall Analyst for Safety Assurance
National Highway Traffic Safety Administration
Attn: Recall Management Division (NVS-215)
U.S. Department of Transportation
1200 New Jersey Avenue, S.E.
Washington, DC 20590

**Subject: Recall Campaigns M7 and JL (07V-375) and
Recall Campaign JV (07V-334)**

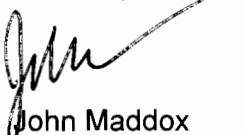
Dear Ms. Wallace:

Pursuant to the requirements set forth in Part 573.6 of Title 49 of the Code of Federal Regulations, we are submitting three (3) copies of the following revised communications for recall campaigns M7/JL (07V-375) and for recall campaign JV (07V-334):

- Dealer Notification
- Customer Notification
- Work Procedure
- Accounting Procedure
- FAQ

If you have any questions or require additional information please contact Chris Sandvig at 248-754-5563 or Maria Cotter at (248) 754-4856.

Sincerely,



John Maddox
Product Compliance Officer

Enclosures



VOLKSWAGEN DEALERSHIP COMMUNICATION

To: Dealer Principal, Service Manager, Parts Manager and
Warranty Administrator

Name

Title

Subject: Revision to Safety Recall M7 (Fuel Pump)

Product Compliance

Department

2003 MY Passat with 1.8L Turbo or 2.8L V6 Engine

September 2007 Date

IMPORTANT NOTICE TO DEALERS - FOR IMMEDIATE DISTRIBUTION

Revision to Safety Recall M7

As announced in August, Volkswagen notified the NHTSA and Transport Canada that the production date and VIN ranges of vehicles already specified under Safety Recall M7 were broadened slightly.

Information About Revised Safety Recall M7

- The campaign circular for Safety Recall M7 has been revised to include updated VIN information. This circular is available immediately on the VW Hub under Service > Service & Repair; it will also be visible shortly on ElsaWeb and ServiceNet.
- The added vehicles will show the M7 code in ElsaWeb after September 28, 2007.
- Each dealer with affected vehicles will receive an updated allocation list included in the Service Manager's package. The list will cover both the added vehicles and any that are still open from the previous release of this campaign.
- Parts will be allocated to dealers for the additional vehicles before the customer mailing begins.
- Please schedule repair appointments so that sufficient parts are on hand when customers arrive for this service. This helps ensure customer satisfaction by allowing your dealership to service vehicles promptly as scheduled.
- The customer mailing will begin on September 28, 2007.
- The interim claiming instructions that were provided in August 2007 have expired and are no longer valid. Please refer to the Revised Safety Recall M7 campaign circular for claiming information.

To ensure that ALL of your personnel are aware of this recall before receiving questions from any customer, please share this information with ALL personnel who have campaign-related responsibilities, including service writers, technicians, parts employees, warranty administrators, etc.

Dealers with additional questions about this or any other campaign should contact the Campaign Helpline (800-741-2919) for assistance.

Volkswagen Product Compliance

Frequently Asked Questions & Answers for Safety Recall Campaign M7

This FAQ is intended to provide supplementary information regarding the M7 Safety Recall Campaign. For additional information, please refer to the REVISED M7 Safety Recall Campaign circular that will be posted on ElsaWeb and on the VW Hub.

■ What vehicles are affected?

2003 model year Volkswagen Passat with 1.8L Turbo or 2.8L V6 engine produced between August 2002 through April 2003.

■ How many vehicles are affected?

Approximately 47,000 vehicles are affected in the U.S. and 3,000 in Canada. In July 2007, Volkswagen added approximately 25,000 vehicles in the U.S. and 900 in Canada.

■ What is the problem and what can happen?

The fuel pump on some affected vehicles may contain a carbon brush set that is susceptible to premature wear. This could lead to an inoperative fuel pump and, ultimately, interrupt or even stop the fuel supply to the engine. If fuel flow to the engine is interrupted, the vehicle could stall without warning and thus present a potential risk of crash.

■ What exactly will be repaired on the vehicle and how long does the repair take?

Dealers will replace the fuel pump at no cost to customers. This service will take about two hours and will be free of charge. Please keep in mind that your dealer may need additional time for the preparation of the repair, as well as to accommodate their daily workshop schedule.

■ Does a customer have to make an appointment?

Yes, after the customer receives a letter from Volkswagen confirming that they are the owner of an affected vehicle, they should contact their local Volkswagen dealer to make an appointment. **Please schedule repair appointments so that sufficient parts are on hand when customers arrive for this service. This helps ensure customer satisfaction by allowing your dealership to service vehicles promptly as scheduled.**

■ Is a loaner vehicle or towing being offered under this action?

Yes, under goodwill for certain conditions. Dealers should contact their FOM for a goodwill decision if they encounter a situation where a loaner vehicle or towing is necessary.

■ When will the additional owners be notified?

On or about September 28, 2007, we will begin notifying the additional affected customers.

IMPORTANT INFORMATION

Please inform and provide a copy of this document to every person in your dealership with campaign-related responsibilities, including Service, Parts and Accounting personnel. By law, dealers must correct, prior to delivery for sale or lease, any vehicle that fails to comply with an applicable Federal Motor Vehicle Safety Standard or that contains a defect relating to motor vehicle safety. If you have questions regarding this or any other campaign, please call (800) 741-2919.



Safety Recall Circular

**Subject: 2003 MY Passat with 1.8L Turbo or 2.8L V6 Engine
Replace Fuel Pump**

Code: M7
REVISED
September 2007

Revision Summary

The VIN range and production date of affected vehicles has been expanded.

Problem Description

The fuel pump on some affected vehicles may contain a carbon brush set that is susceptible to premature wear. This could lead to an inoperative fuel pump and, ultimately, interrupt or even stop the fuel supply to the engine. If fuel flow to the engine is interrupted, the vehicle could stall without warning and thus present a potential risk of crash.

Corrective Action

Replace the fuel pump. In some instances where the fuel tank is more than 1/4 tank full, fuel must be removed before performing the repair work. Please ensure that the removed fuel is replaced before returning the customer's vehicle. For customer satisfaction, and to minimize customer inconvenience, you are urged to service each vehicle at the scheduled time.

VIN Range & Production Date of Affected Vehicles

(USA) (* K **NOT** in 5th position)

WVW_*_3B_3_000054 - WVW_*_3B_3_448583
Produced 08/14/2002 - 04/30/2003

(CANADA) (* K **NOT** in 5th position)

WVW_*_3B_3_082632 - WVW_*_3B_3_448463
Produced 08/01/2002 - 04/30/2003

NOTE: Check ElsaWeb on the day of repair to verify vehicle eligibility and attach the screen print to the repair order. These are the only valid campaign inquiry and verification sources. Some vehicles may be involved in additional action(s); any additional work can be done while the vehicle is in for this action.

Allocation Report of Affected Vehicles

In the Service Manager's Package, dealers with affected vehicles will receive an updated allocation list which will cover both the added vehicles and any that are still open from the previous release of this campaign.

NOTE: The allocation report contains owner names and addresses obtained from Motor Vehicle Registration Records. By law, this data may only be used for recall purposes. Use for any other reason may be a violation of law in many states/provinces. Accordingly, you must limit the use of this report.

Parts Information and Allocation

You will receive a parts allocation for the added vehicles before those customers are notified. Upper order limits will be in place.

Owner Notification Mailing

On or about September 28, 2007 all additional known owners of affected vehicles will be notified by first-class mail. A sample copy of the owner letter is enclosed.

Claim Entry Procedure

Immediately upon completion of the repair work, enter the correct code listed below. Claims will only be paid for vehicles that show this campaign open in ElsaWeb on the day of the repair. To help ensure prompt and proper payment, attach the screen print to the repair order.

M7 WIN Claim Entry Procedure

Damage Time

Code Units

Work Scope

Front Wheel Drive Vehicles

- M712 140 T.U.** - Install fuel delivery unit; NO sealing washer
1 8E0 906 087 D Fuel delivery unit
2 N 101 969 01 Clamp
- M71A 155 T.U.** - Install fuel delivery unit; NO sealing washer;
Remove & replace removed fuel
1 8E0 906 087 D Fuel delivery unit
2 N 101 969 01 Clamp
- M713 140 T.U.** - Install fuel delivery unit & sealing washer
1 8E0 906 087 D Fuel delivery unit
2 N 101 969 01 Clamp
1 1J0 919 133A Sealing washer
- M71B 155 T.U.** - Install fuel delivery unit & sealing washer;
Remove & replace removed fuel
1 8E0 906 087 D Fuel delivery unit
2 N 101 969 01 Clamp
1 1J0 919 133A Sealing washer

4Motion Vehicles

- M714 140 T.U.** - Install fuel delivery unit; NO sealing washer
1 8E0 906 087 E Fuel delivery unit
2 N 101 969 01 Clamp
- M71C 155 T.U.** - Install fuel delivery unit; NO sealing washer;
Remove & replace removed fuel
1 8E0 906 087 E Fuel delivery unit
2 N 101 969 01 Clamp
- M7 15 140 T.U.** - Install fuel delivery unit & sealing washer
1 8E0 906 087 E Fuel delivery unit
2 N 101 969 01 Clamp
1 8E0 919 133G Sealing washer
- M7 1D 155 T.U.** - Install fuel delivery unit & sealing washer;
Remove & replace removed fuel
1 8E0 906 087 E Fuel delivery unit
2 N 101 969 01 Clamp
1 8E0 919 133G Sealing washer
- M7 20 0 T.U.** - Customer refused repairs

There is NO reimbursement for Wash or Loaner Vehicle.
The system will enter labor & parts(s) applicable to the codes above.

M7 SAGA Claim Entry Procedure

Check in the system Service-Online, FISH (VSI), to determine whether the "M700" campaign is open.

Service No.: M700

Damage Code: 0099

Parts Manufacturer

– Removed part: Please use the vendor code from the removed part. If no vendor code is available, then use K21.

Claim Type

Sold vehicle = 7 10

Unsold vehicle= 7 90

Accounting Instructions

(Front Wheel Drive Vehicles)

Criteria 01 Install fuel delivery unit; No sealing washer

Repair operation: 2045 55 99 **140 T.U.**

- | | | |
|---|--------------|--------------------|
| 1 | 8E0 906 087D | Fuel delivery unit |
| 2 | N 101 969 01 | Clamp |

or

Criteria 01 Install fuel delivery unit & sealing washer

Repair operation: 2045 55 99 **140 T.U.**

- | | | |
|---|--------------|--------------------|
| 1 | 8E0 906 087D | Fuel delivery unit |
| 2 | N 101 969 01 | Clamp |
| 1 | 1J0 919 133A | Sealing washer |

Criteria 01 Remove & replace removed fuel

Repair operation: 2045 17 99 **15 T.U.**

(4Motion Vehicles)

Criteria 01 Install fuel delivery unit; No sealing washer

Repair operation: 2045 55 99 **140 T.U.**

- | | | |
|---|--------------|--------------------|
| 1 | 8E0 906 087E | Fuel delivery unit |
| 2 | N 101 969 01 | Clamp |

or

Criteria 01 Install fuel delivery unit & sealing washer

Repair operation: 2045 55 99 **140 T.U.**

- | | | |
|---|--------------|--------------------|
| 1 | 8E0 906 087E | Fuel delivery unit |
| 2 | N 101 969 01 | Clamp |
| 1 | 8E0 919 133G | Sealing washer |

Criteria 01 Remove & replace removed fuel

Repair operation: 2045 17 99 **15 T.U.**

There is NO reimbursement for Vehicle Wash or Loaner.

If Customer refused repairs

Fax the Repair Order to VWoA at (248) 754-5093 and provide VIN, applicable Service Number, Customer Information, Dealer Number and Date

Customer Letter Example (USA)

September 2007

**Subject: Safety Recall M7
2003 Model Year Passat with 1.8L Turbo or 2.8L V6 Engine
Replace Fuel Pump**

Dear Volkswagen Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Volkswagen has decided that a defect, which relates to motor vehicle safety, exists in some 2003 model year Volkswagen Passat vehicles. Our records show that you are the owner of one of these vehicles.

What Is The Problem?

Volkswagen has decided that the fuel pump on some affected vehicles may contain a carbon brush set that is susceptible to premature wear. This could lead to an inoperative fuel pump and, ultimately, interrupt or even stop the fuel supply to the engine. If fuel flow to the engine is interrupted, the vehicle could stall without warning and thus present a potential risk of crash.

What Will Volkswagen Do?

In order to correct this defect, we will replace the fuel pump on your vehicle.

What We Would Like You To Do

Please contact your authorized Volkswagen dealer and arrange for an appointment without delay. This service will take about two hours and will be free of charge. Please keep in mind that your dealer may need additional time for the preparation of the repair, as well as to accommodate their daily workshop schedule.

To help expedite this repair, we ask that the fuel level in your vehicle be at approximately one-quarter (1/4) of a tank or less on the day of your scheduled appointment, if possible.

Lease Vehicles

If you are the lessor and registered owner of the vehicle identified in this action, the law requires you to forward this information immediately via first-class mail to the lessee within ten (10) days of receipt of this notification.

Have You Changed Your Address Or Sold The Vehicle?

If you have, please fill out the enclosed prepaid Owner Reply card and mail it to us so we can update our records.

Reimbursement of Expenses

If you have previously paid for replacement of the fuel pump, the enclosed form explains how to request reimbursement. We would be pleased to review your reimbursement request.

Service Help from Us

If your authorized Volkswagen dealer fails or is unable to complete this work free of charge within a reasonable time, please call or write to:

*Volkswagen of America, Inc.
Attn: Customer CARE Center – Hills East (M7)
3499 West Hamlin Road
Rochester Hills, MI 48309
1-800-893-5298*

If you still cannot obtain satisfaction, you may file a complaint with: The Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

We regret any inconvenience this matter may cause. Thank you for driving a Volkswagen!

Sincerely,

Volkswagen Product Compliance

The repair information in this document is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain your vehicle. These procedures are not intended to be attempted by "do-it-yourselfers," and you should not assume this document applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Volkswagen dealer. ©2007 Volkswagen of America, Inc. and Volkswagen Canada Inc. All Rights Reserved.

Customer Letter Example (CANADA)

September 2007

Subject: Safety Recall M7
2003 Model Year Passat with 1.8L Turbo or 2.8L V6 Engine
Replace Fuel Pump

Dear Volkswagen Owner:

This notice is sent to you in accordance with the requirements of the Canadian Motor Vehicle Safety Act. Volkswagen has decided that a defect, which relates to motor vehicle safety, exists in some 2003 model year Volkswagen Passat vehicles. Our records show that you are the owner of one of these vehicles.

What Is The Problem?

Volkswagen has decided that the fuel pump on some affected vehicles may contain a carbon brush set that is susceptible to premature wear. This could lead to an inoperative fuel pump and, ultimately, interrupt or even stop the fuel supply to the engine. If fuel flow to the engine is interrupted, the vehicle could stall without warning and thus present a potential risk of crash.

What Will Volkswagen Do?

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If your authorized Volkswagen dealer fails or is unable to complete this work free of charge within a reasonable time, please call or write to:

Volkswagen Canada Inc.
Attn: Customer CARE (M7)
P.O. Box 842, Stn. A
Windsor, ON N9A 9Z9
1-800-893-5298

We regret any inconvenience this matter may cause. Thank you for driving a Volkswagen!

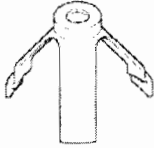
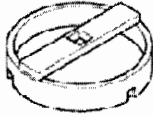
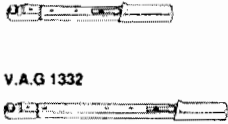

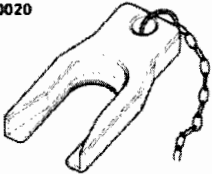
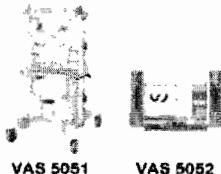
Sincerely,

Volkswagen Product Compliance

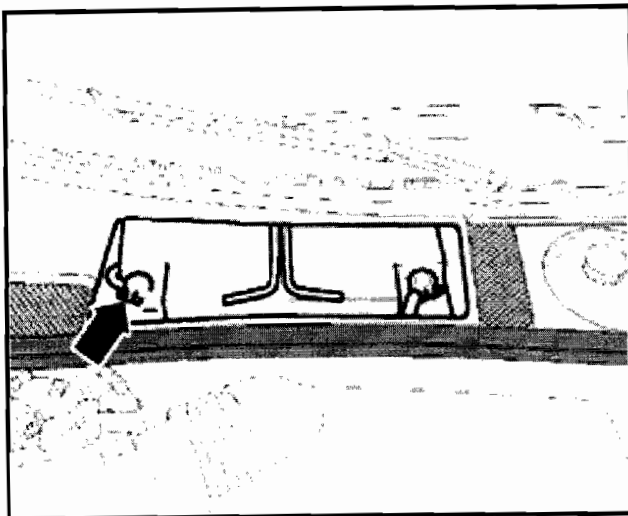
Parts:

Quantity	Part Number	Description
1	8E0 906 087 D	Fuel delivery unit (FWD vehicles)
1	8E0 906 087 E	Fuel delivery unit (4Motion vehicles)
1	8E0 919 133 G	Sealing Washer <i>(replace if damaged)</i>
1	1J0 919 133 A	Sealing Washer <i>(replace if damaged)</i>
2	N 101 969 01	Clamp

Special tools:

 <p>3217</p>	 <p>3087</p>	<p>⇐ 3217 Ring nut spanner</p>
 <p>V.A.G 1331</p> <p>V.A.G 1332</p>	 <p>3307</p>	<p>⇐ 3087 Wrench</p> <p>⇐ V.A.G 1331 & V.A.G 1332 Torque wrench or equivalent</p> <p>⇐ 3307 Fuel pump wrench</p>
 <p>T40020</p>	 <p>VAS 5051 VAS 5052</p>	<p>⇐ T40020 Release tool</p> <p>⇐ VAS 5051 or VAS 5052 Diagnostic tool</p> <ul style="list-style-type: none"> • FM 3000GH Fuel removal cart or equivalent

Work Sequence



Section A – Fuel Delivery Unit Removal Preparation

- Obtain radio anti theft coding
- Make note of quantity of fuel in fuel tank
- Switch off all electrical consumers
- Turn ignition switch to off position and remove key
- Open fuel filler door
- ⇐ Open hood and disconnect negative battery cable (GND) from battery
- Loosen gas cap to release any pressure from fuel tank
- If vehicle is front wheel drive, **go to Section B**
- If vehicle is 4Motion, **go to Section C**

Section B – Fuel Delivery Unit Removal and Installation for Front Wheel Drive

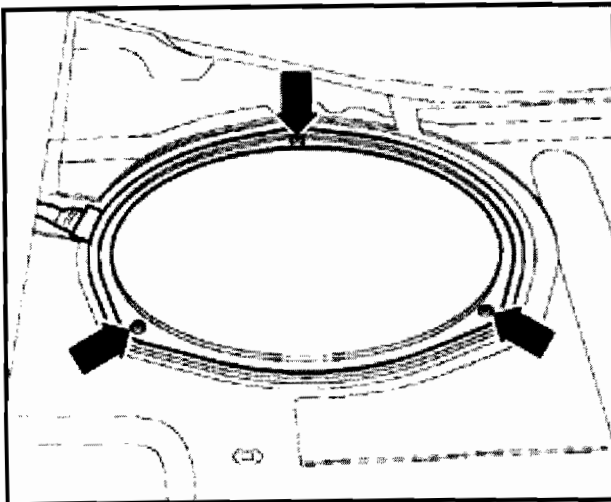


WARNING!

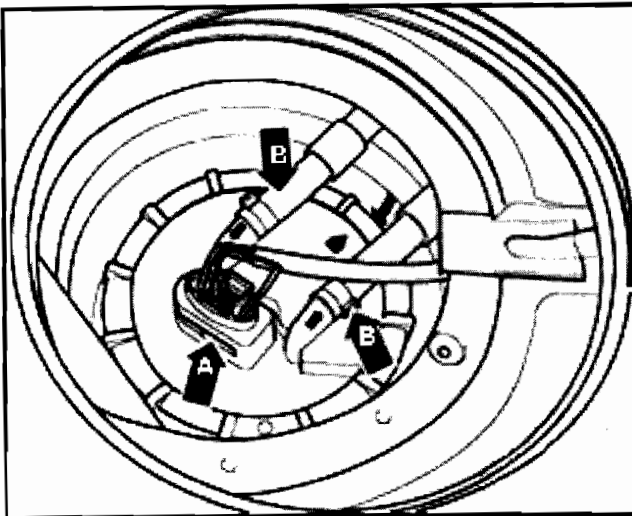
Fire hazard! Do not smoke, work near heaters or have anything in the area that could ignite fuel or fumes

Fuel system is under pressure! Before opening system, place a cloth around the connection. Release pressure by carefully loosening the connection

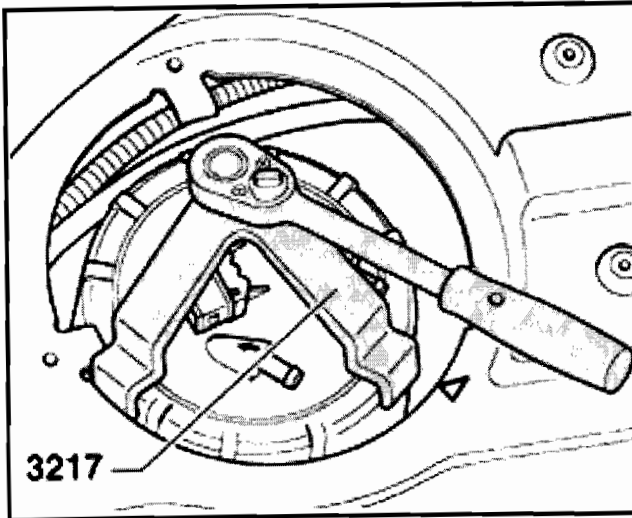
Always wear eye protection and wear fuel-resistant gloves when disconnecting system connections



- If fuel tank is more than $\frac{1}{4}$ full, use FM 3000 GH fuel cart or equivalent and remove fuel to a level below $\frac{1}{4}$ full
- Fold right side rear seat back forward
- Remove luggage compartment floor covering
- ⇐ Remove Phillips screws -arrows- and cover for closing flange



- ⇐ Disconnect 4-pin connector -arrow A- and fuel supply and return lines -arrow B- from closing flange
- Cover fuel lines to prevent dirt or debris from contaminating fuel

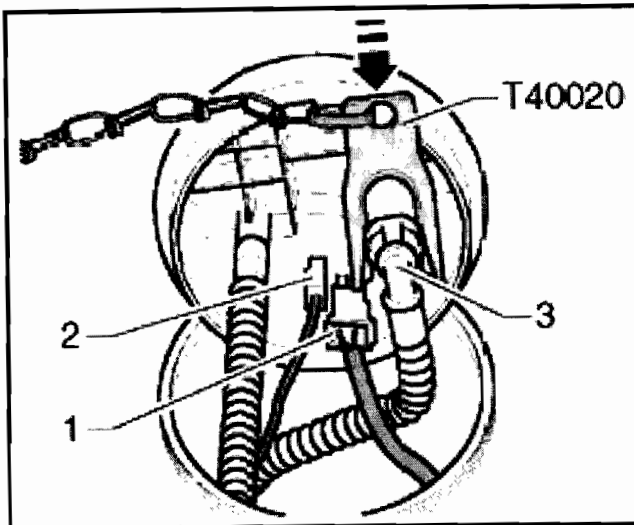


WARNING!

Closing flange should only be opened if the fuel tank is a maximum $\frac{3}{4}$ full. An amount over $\frac{3}{4}$ full will spill out a large amount of fuel

A fuel tank more than $\frac{1}{4}$ full will have fuel delivery unit submerged in fuel

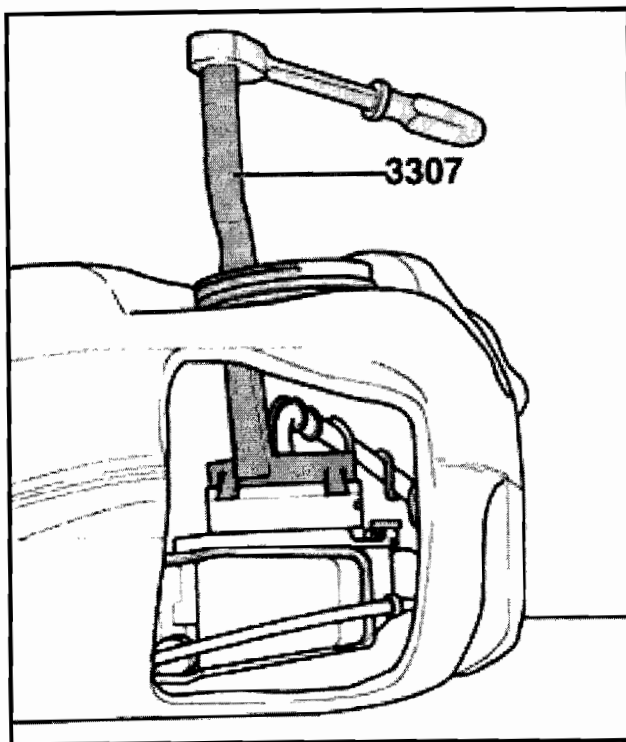
- ⇐ Use ring nut spanner tool 3217 and remove union nut
- Lift closing flange and remove sealing washer from fuel tank opening



- ⇐ Disconnect connector -1- for fuel gauge from underside of flange
- ⇐ Disconnect fuel return line -3- from underside of flange using release tool T40020

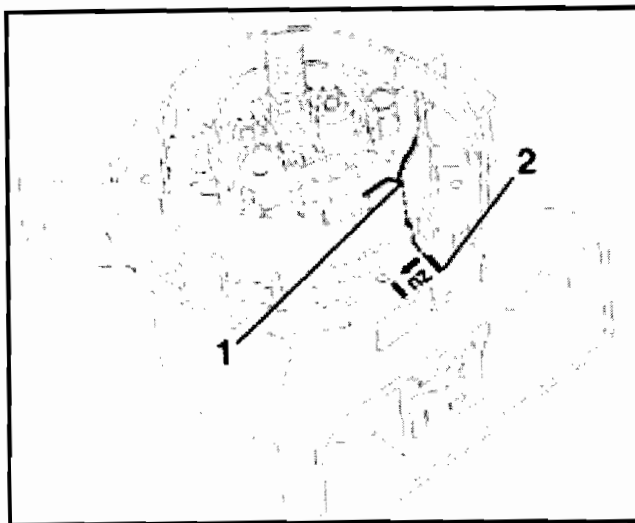


Note: Connector -2- to fuel pump can remain connected



- ⇐ Insert 3307 fuel pump wrench into fuel tank opening and position on fuel delivery unit
- ⇐ Release fuel delivery unit by turning approximately 15° counterclockwise until it stops (bayonet connection)

ⓘ Note: For illustrative purposes, a cross-sectional view of fuel tank is shown

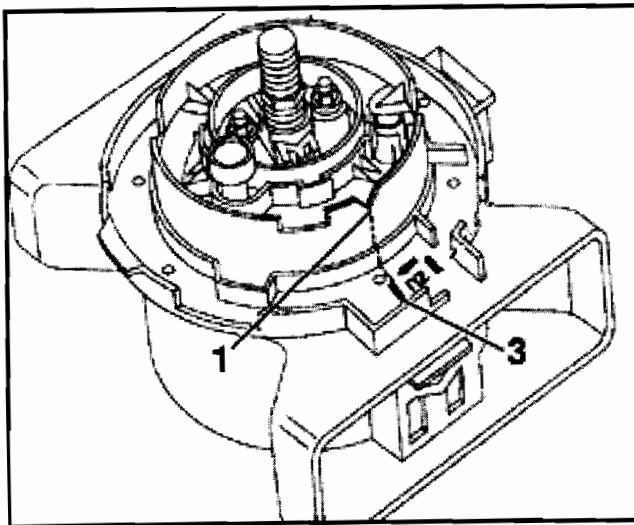


ⓘ Note: For illustrative purposes, fuel tank is not shown

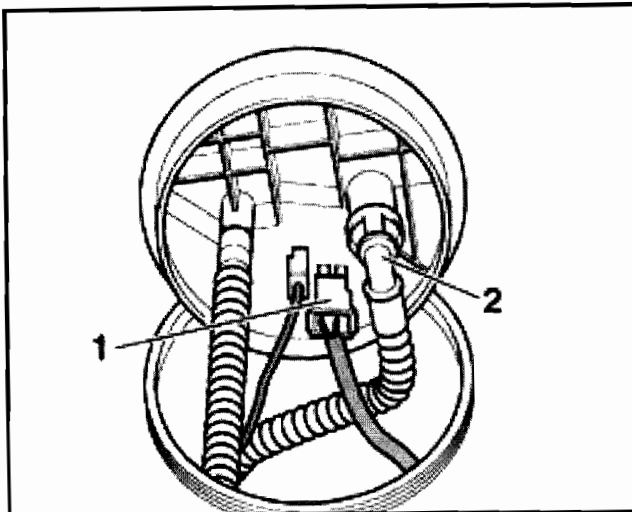
- ⇐ Remove fuel delivery unit from baffle housing when notch -1- is aligned with mark -2-

ⓘ Note: Fuel delivery unit contains fuel. Be careful not to let fuel drip on vehicle

- Install new fuel delivery unit (8E0 906 087D) into baffle housing
- ⇐ Align notch -1- on fuel delivery unit with marking -2- on baffle housing and press fuel delivery unit downward

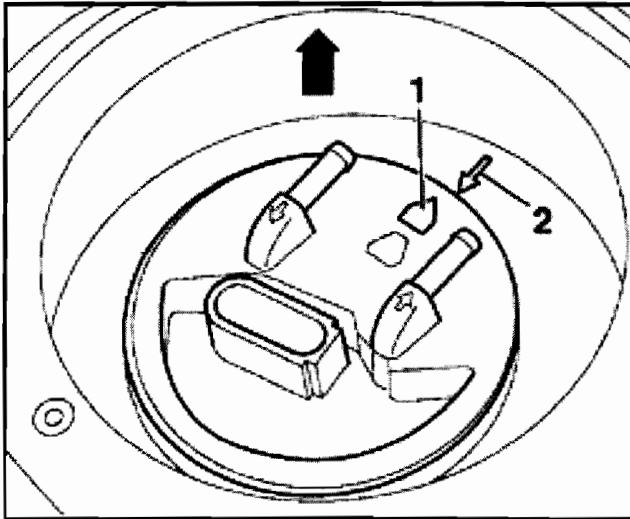


- Insert 3307 fuel pump wrench into fuel tank opening and position on fuel delivery unit
- ⇐ Secure fuel delivery unit in position by turning approximately 15° clockwise until notch -1- aligns with marking -3- (bayonet connection) and remove fuel pump wrench 3307



- ⇐ Reconnect fuel return line -2- to closing flange
- ⇐ Reconnect connector -1- for fuel gauge sender to closing flange
- Reinstall dry sealing washer into fuel tank opening


Note: If original sealing washer is damaged, install new dry sealing washer (1J0 919 133 A)

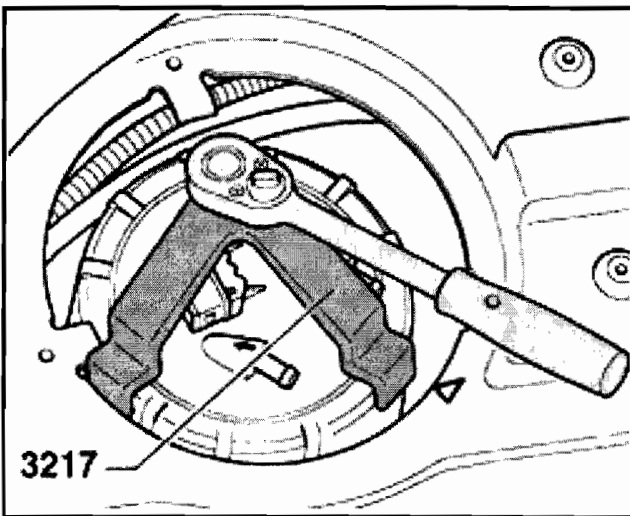


- Lubricate sealing washer with fuel, turn closing flange counter-clockwise and insert into fuel tank opening

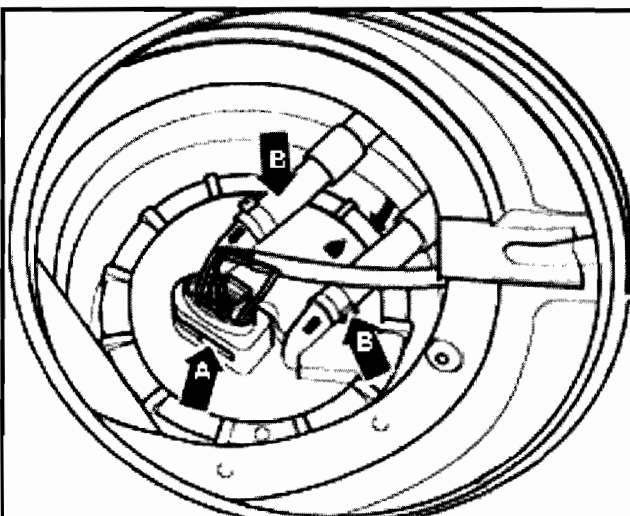
⇐ Marking -1- on closing flange must align with arrow -2- on fuel tank

- Check that sealing washer is correctly seated

 **Note:** Black arrow in illustration is pointing toward front of vehicle



⇐ Secure closing flange to fuel tank with union nut and using ring nut spanner tool 3217, tighten to 60 Nm (44 ft. lbs.)



⇐ Reconnect fuel return and supply lines -arrow B- to closing flange and secure with new clamps (N 101 969 01)

- Reconnect harness connector -arrow A- to closing flange
- Reinstall closing flange cover and secure with Phillips screws
- Reposition luggage compartment floor covering and rear seat back
- **Proceed to Section D**

Section C – 4Motion Fuel Delivery Unit Removal and Installation

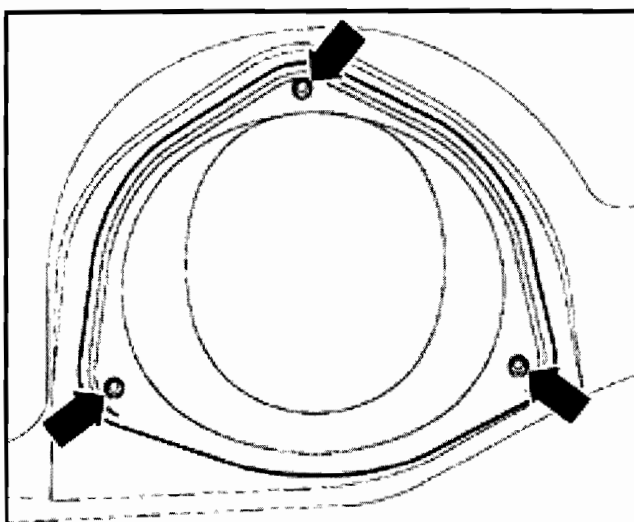


WARNING!

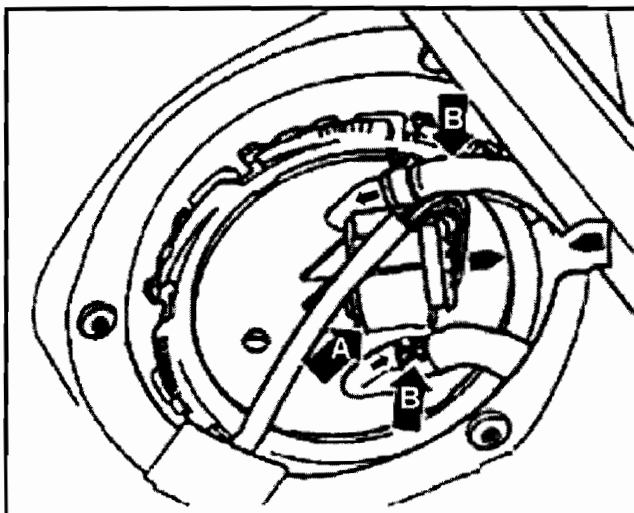
Fire hazard! Do not smoke, work near heaters or have anything in the area that could ignite fuel or fumes

Fuel system is under pressure! Before opening system, place a cloth around the connection. Release pressure by carefully loosening the connection

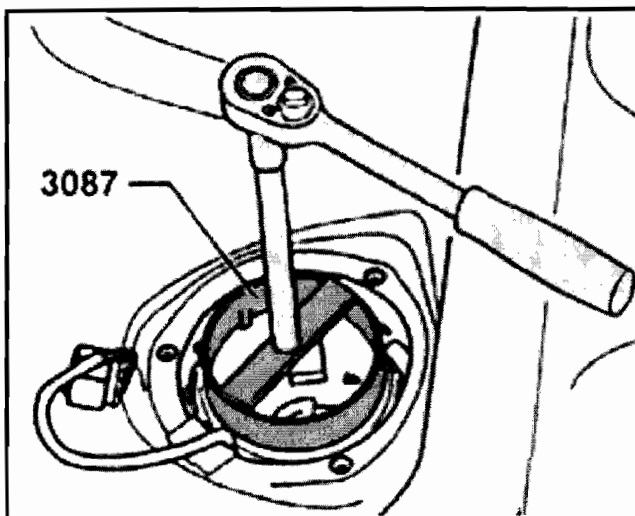
Always wear eye protection and wear fuel-resistant gloves when disconnecting system connections



- If fuel tank is more than $\frac{1}{4}$ full, use FM 3000 GH fuel cart or equivalent and remove fuel to a level below $\frac{1}{4}$ full
- Lift up right side rear seat bottom and fold forward
- Move cover material aside to access cover for locking flange
- ⇐ Remove Phillips screws -arrows- and cover for locking flange on right side of vehicle



- ⇐ Disconnect 4-pin connector -arrow A- and fuel supply and return lines -arrow B- from flange
- Cover fuel lines to prevent dirt or debris from contaminating fuel

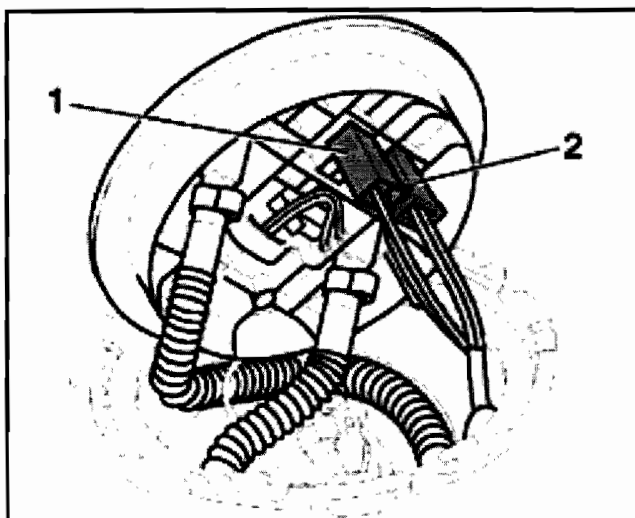


WARNING!

Closing flange should only be opened if the fuel tank is a maximum $\frac{1}{4}$ full. A fuel tank more than $\frac{1}{4}$ full will spill out a large amount of fuel

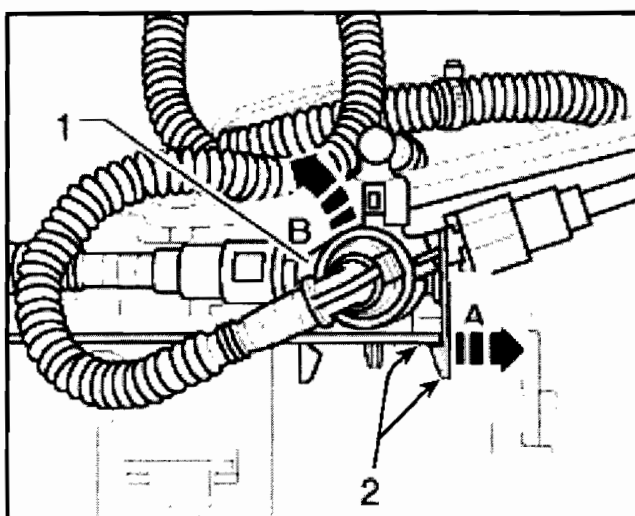
⇐ Remove locking ring using 3087 wrench

- Lift closing flange and remove sealing washer from fuel tank opening



⇐ Disconnect both harness connectors -1- and -2- for fuel gauge from underside of closing flange

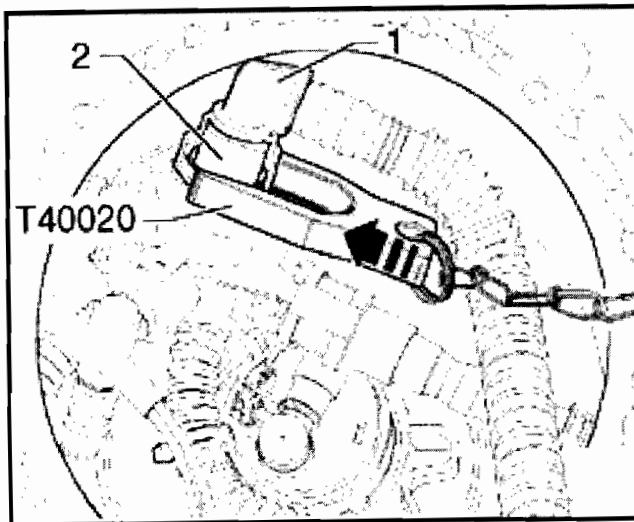
- Make note of connector location for reassembly



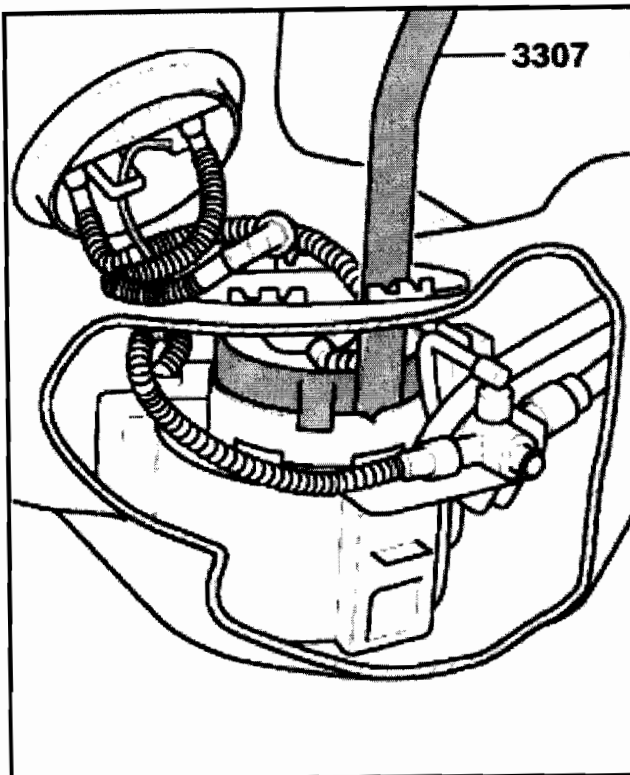
⇐ Unclip fuel distributor piece -1- from baffle housing by pressing two catches -2- toward outside -arrow A- to release and lift in direction of -arrow B-



Note: For illustrative purposes, baffle housing is shown without fuel tank

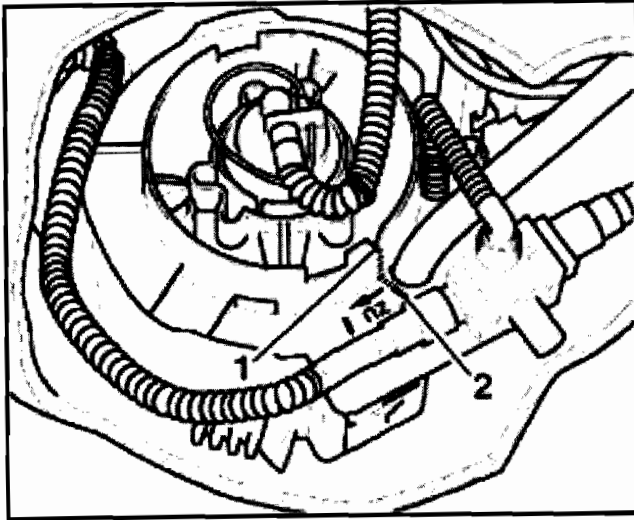


- ⇐ Disconnect fuel return line -1- from fuel distributor connector -2- using unlocking tool T40020



- ⇐ Insert 3307 fuel pump wrench into fuel tank opening and position on fuel delivery unit
- ⇐ Release fuel delivery unit by turning approximately 15° counterclockwise until it stops (bayonet connection)

Note: For illustrative purposes, a cross-sectional view of fuel tank is shown

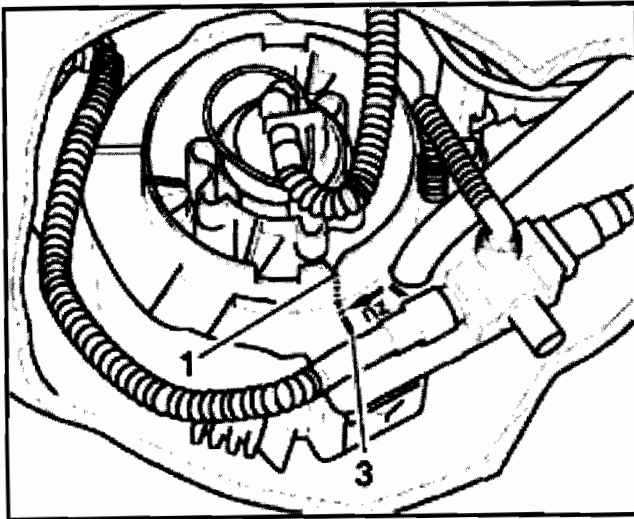


- ⇐ Remove fuel delivery unit from baffle housing when notch -1- is aligned with mark -2-

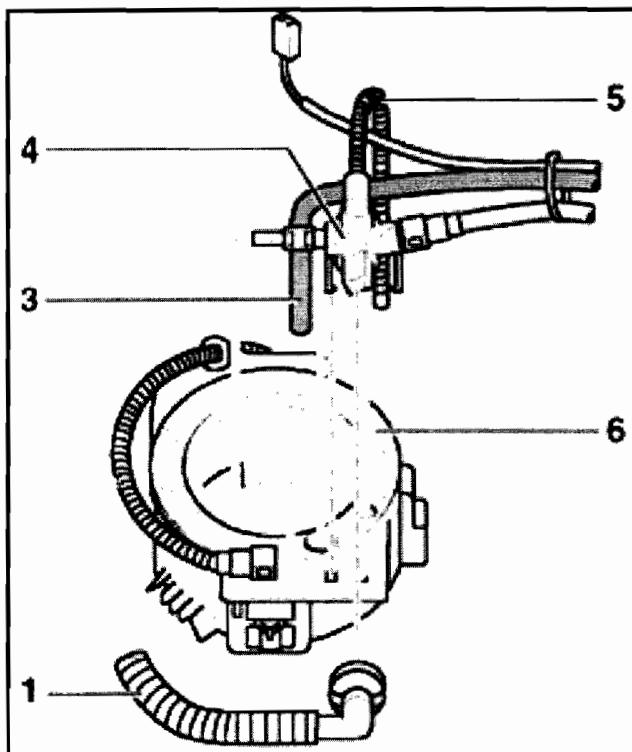


Note: Fuel delivery unit contains fuel. Be careful not to let fuel drip on vehicle

- Insert new fuel delivery unit (8E0 906 087 E) into baffle housing
- ⇐ Align notch -1- on fuel delivery unit with marking -2- on baffle housing and press fuel delivery unit downward



- Insert 3307 fuel pump wrench into fuel tank opening and position on fuel delivery unit
- ⇐ Secure fuel delivery unit in correct position by turning approximately 15° clockwise until notch -1- aligns with marking -3- (bayonet connection) and remove fuel pump wrench 3307



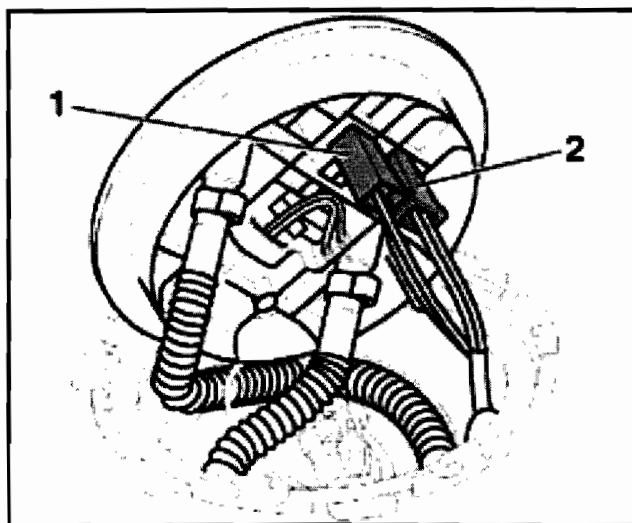
- Lubricate O-ring seals in fuel return line connector -1- with fuel prior to connecting to distributor

⇐ Push fuel return line -1- onto distributor connector -4- until coupling engages

- Lightly pull on fuel return line connector to make certain it is locked

⇐ Re-clip distributor connector -4- onto accumulator -6-

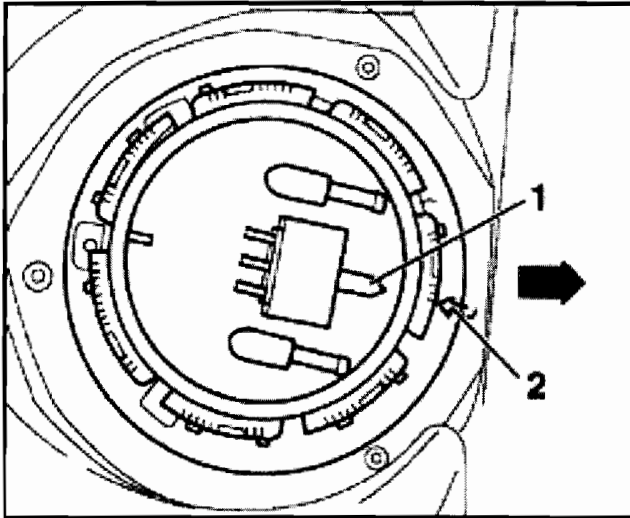
Note: Make certain solid line -3- and hose -5- are still in relevant openings of accumulator -6-



⇐ Reconnect white harness connector -1- for fuel level sensor to fuel supply side and black harness connector -2- for fuel level sensor 2 to fuel return side on underside of closing flange

- Reinstall dry sealing washer into fuel tank opening

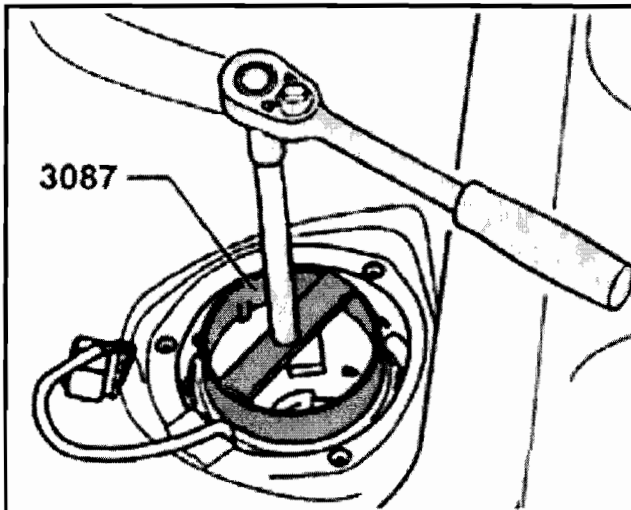
Note: If original sealing washer is damaged, install new dry sealing washer (8E0 919 133 G)



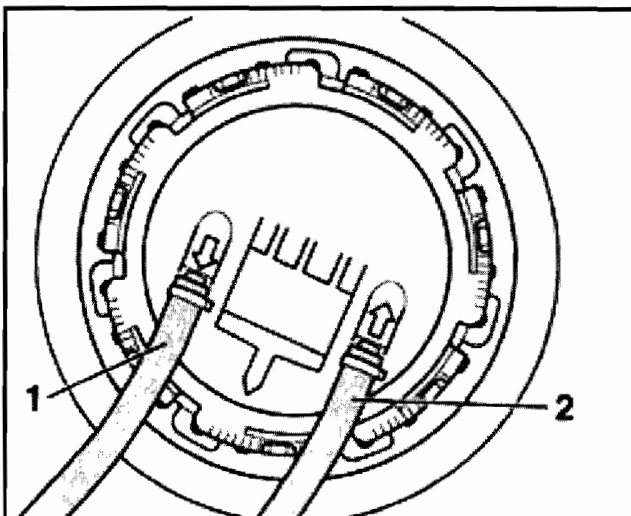
- Lubricate inside surface of sealing washer with fuel
- ⇐ Install closing flange into tank opening making certain marking -1- is aligned with arrow -2- on fuel tank
- Check that sealing washer is correctly seated



Note: Black arrow in illustration is pointing toward front of vehicle

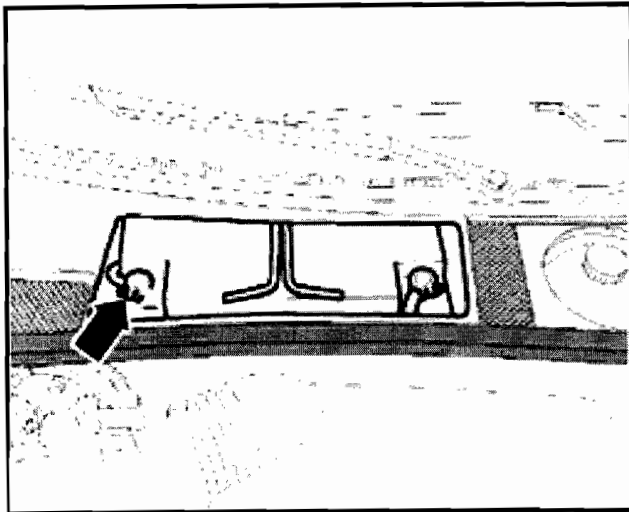


- ⇐ Secure closing flange with locking ring using 3087 wrench and tighten to 145 Nm (106 ft. lbs.)



- ⇐ Connect fuel supply line -1- and fuel return line -2- to closing flange and secure with new clamps (N 101 969 01)
- Reconnect 4-pin electrical connector
- Reinstall cover for closing flange with indentation over electrical connector and secure with Phillips screws
- Reposition rear seat bottom
- **Proceed to Section D**

Section D - Electronic and Comfort Settings Restoration



- If fuel was removed from vehicle, return fuel to vehicle
- ⇐ Reconnect the negative battery cable (GND) to the battery and tighten bolt to 5 Nm (44 in. lbs.)
- If required, reactivate radio with radio code
- Reset window pinch protection
- Reset time on clock
- Clear diagnostic trouble codes (DTCs) and reset readiness code
- Destroy and properly dispose of removed parts in accordance with local, state and federal/provincial environmental regulations

WORK IS COMPLETE

Audi of America, Inc.



SAFETY RECALL INFORMATION

Audi of America, Inc.
3800 Hamlin Road
Auburn Hills, MI 48326
United States of America
www.audiusa.com

September 2007

Subject: Safety Recall JL

**2003 Model Year Audi A4 quattro with 1.8L Turbo or 3.0L Engine and
2003 Model Year Audi A6 with 3.0L Engine
Replace Fuel Pump**

Dear Dealer Principal and Service Manager:

This letter is to inform you that Audi has expanded the range of vehicles affected in **Safety Recall JL**. The expanded range includes vehicles produced in August 2002, September 2002, and April 2003.

What is the Issue?

The fuel pump in some affected vehicles may contain a carbon brush set that is susceptible to premature wear. This could lead to an inoperative fuel pump and, ultimately, interrupt or even stop the fuel supply to the engine. If fuel flow to the engine is interrupted, the vehicle could stall without warning and thus present a potential risk of crash.

What Does the Repair Involve?

Dealers will replace the fuel pump on affected vehicles.

For customer satisfaction, Audi will provide an allowance to refill the fuel in the vehicle. Please ensure each vehicle is fully fueled before returning it to the customer.

Parts Allocation Information

You will receive an allocation of parts for this campaign prior to customer notification.

Important Reminder on Vehicles Affected by Safety and Compliance Recalls

Federal law prohibits any person from knowingly selling, or offering for sale, any motor vehicle that either contains a defect related to motor vehicle safety or does not comply with applicable motor vehicle safety standards prescribed under Chapter 301 ("Motor Vehicle Safety") of Title 49, United States Code. It is therefore imperative that you correct any vehicle in your inventory that is affected by this recall **prior to delivery** for sale or lease.

Where to Find Complete Campaign Information

Please refer to Safety Recall JL posted on ElsaWeb and ServiceNet for additional information, and please be sure to share this information with all personnel with campaign-related responsibilities.

Thank you for your cooperation and assistance in this important matter.

Audi Product Compliance

Frequently Asked Questions & Answers for Safety Recall Campaign JL

This FAQ is intended to provide supplementary information regarding the revised JL Safety Recall Campaign. For additional information, please refer to the JL Safety Recall Campaign circular Revision #2 that will be posted on ElsaWeb and ServiceNet.

■ What vehicles are affected?

Model Year 2003 Audi A4 vehicles with 1.8L Turbo or 3.0L engines &
Model Year 2003 Audi A6 vehicles with 3.0L engines

All affected vehicles were produced between August 2002 and April 2003.

Audi expanded the range of vehicles affected. The new range adds vehicles built in the production months of August 2002, September 2002, and April 2003.

■ How many vehicles are affected?

Approximately 36,500* vehicles are affected in the U.S. and 4,000* in Canada.

*This includes the additional 9,500 vehicles in the U.S. and approximately 1,000 vehicles in Canada.

■ What is the problem?

The fuel pump on some affected vehicles may contain a carbon brush set that is susceptible to premature wear.

■ What can happen?

Vehicles containing the inoperative fuel pump may experience interrupted fuel supply to the engine. If this happens while driving, the engine can stop or stall without warning.

■ Can I drive the vehicle until it is repaired?

Yes, the vehicle can still be driven. However, Audi recommends making an appointment to have the fuel pump replaced without delay.

■ What exactly will be repaired on the vehicle?

Dealers will replace the fuel pump at no cost to customers.

■ How long does the repair take?

The replacement of the fuel pump should take approximately two hours.

■ Is a loaner vehicle being offered under this action?

A loaner will not be offered for the time required to replace the fuel pump. If needed, dealers are encouraged to utilize their service loaner vehicles.

For customer reimbursement requests, AoA will consider such expenses according to the Warranty Policies & Procedures guidelines.

■ Do I have to make an appointment?

Yes, after you receive a letter from confirming that you are the owner of an affected vehicle.

■ When will this repair be available?

Audi expects that dealer notification will take place, for the additional vehicles, on or about September 24, 2007 and the customer notification, for additional vehicles, will take place on or about September 28, 2007.

IMPORTANT INFORMATION

Please inform and provide a copy of this document to every person in your dealership with campaign-related responsibilities, including Service, Parts and Accounting personnel. By law, dealers must correct, prior to delivery for sale or lease, any vehicle that fails to comply with an applicable Federal Motor Vehicle Safety Standard or that contains a defect relating to motor vehicle safety. If you have questions regarding this or any other campaign, please call (800) 741-2919.



Safety Recall Circular

REVISION #2 Code: JL

**Subject: 2003 MY Audi A4 quattro with 1.8L Turbo or 3.0L Engine
2003 MY Audi A6 with 3.0L Engine
Replace Fuel Pump**

September 2007

Revision Summary

Audi has expanded the range of vehicles affected. The new range adds vehicles built in the production months of August 2002, September 2002, and April 2003. Revised or additional portions of this document are noted with a "NEW" stamp. Additionally, SAGA claim instructions have been included.

Problem Description

The fuel pump on some affected vehicles may contain a carbon brush set that is susceptible to premature wear. This could lead to an inoperative fuel pump and, ultimately, interrupt or even stop the fuel supply to the engine. If fuel flow to the engine is interrupted, the vehicle could stall without warning and thus present a potential risk of crash.

Corrective Action

Replace the fuel pump. For customer satisfaction, and to minimize customer inconvenience, you are urged to service each vehicle at the scheduled time. Also, ensure the vehicle is fully fueled before returning it to the customer.

VIN and Range and Production Months of Affected Vehicles (USA)

2003 A4 quattro 1.8L Turbo or 3.0L
WAU__8E_3A113774 - WAU__8E_3A385628
August 2002 - April 2003

2003 A6 3.0L
WAU__4B_3N009995 - WAU__4B_3N109085
August 2002 - April 2003

VIN Range and Production Months of Affected Vehicles (CANADA)

2003 A4 quattro 1.8L Turbo or 3.0L
WAU__8E_3A126632 - WAU__8E_3A385661
August 2002 - April 2003

2003 A6 3.0L
WAU__4B_3N107646 - WAU__4B_3N448463
August 2002 - April 2003

NOTE: Check ElsaWeb on the day of repair to verify vehicle eligibility and attach the screen print to the repair order. These are the only valid campaign inquiry and verification sources. Some vehicles may be involved in an additional

action(s); any additional work can be done while the vehicle is in for this action.

Allocation Report of Affected Vehicles

In the Service Manager's Package, dealers with additionally affected vehicles will receive a report containing the complete VIN, customer name and address data. Dealers will not receive a report if they have no additionally affected vehicles.

NOTE: *The allocation report contains additionally affected owner names and addresses obtained from Motor Vehicle Registration Records. By law, this data may only be used for recall purposes. Use for any other reason may be a violation of law in many states/provinces. Accordingly, you are urged to limit the use of this report.*

Parts Information and Allocation

Prior to customer notification you will receive an initial allocation of parts for additionally affected vehicles.

Owner Notification Mailing

Audi will notify all known owners of additionally affected vehicles by first-class mail on or about September 28, 2007. A sample copy of the owner letter is enclosed.

Claim Entry Procedure WIN

Immediately upon completion of the repair work, enter the correct code listed below. Claims will only be paid for vehicles that show this campaign open in ElsaWeb on the day of the repair. To help ensure prompt and proper payment, attach the screen print to the repair order.

Damage Code	Time Units	Work Scope
A4 quattro 1.8L Turbo Vehicles		
JL12	140 T.U.	- Install fuel delivery unit & sealing washer 1 8E0 906 087 P Fuel delivery unit 1 8E0 919 133G Sealing washer
JL13	180 T.U.	- Install fuel delivery unit & sealing washer; replace fuel filter 1 8E0 906 087 P Fuel delivery unit 1 8E0 919 133G Sealing washer 1 8E0 201 511J Fuel filter
A4 quattro 3.0L Vehicles		
JL14	140 T.U.	- Install fuel delivery unit & sealing washer 1 8E0 906 087 N Fuel delivery unit 1 8E0 919 133G Sealing washer
A6 FWD Vehicles		
JL15	140 T.U.	- Install fuel delivery unit & sealing washer 1 8E0 906 087 D Fuel delivery unit 1 1J0 919 133A Sealing washer 2 N 101 969 01 Clamp (fuel line)
A6 quattro Vehicles		
JL16	140 T.U.	- Install fuel delivery unit & sealing washer 1 8E0 906 087 E Fuel delivery unit 1 8E0 919 133B Sealing washer 2 N 101 969 01 Clamp
JL20	0 T.U.	- Customer refused repairs
<i>There is NO reimbursement for Vehicle Wash or Loaner Vehicle. The system will enter labor & parts applicable to the codes above.</i>		
SUB LABOR		SUB PARTS
Not Applicable		Fuel Removal and Fill-up Up to \$40.00 USD Up to \$50.00 CAD

Claim Entry Procedure SAGA

Immediately upon completion of the repair work, enter the correct code listed below. Claims will only be paid for vehicles that show this campaign open in ElsaWeb on the day of the repair. To help ensure prompt and proper payment, attach the screen print to the repair order.

JL00 SAGA Claim Entry Procedure

Service No.: JL00
Damage Code: 0099
Parts Manufacturer - Removed part: 002
Claim Type
Sold vehicle = 7 10
Unsold vehicle = 7 90

NEW

SAGA Accounting Instructions

• A4 Quattro 1.8L Turbo Vehicles

Criterion Code: 01 Install fuel delivery unit & sealing washer; replace fuel filter

Repair operation: 2045 19 99 140 T.U.

1 8E0 906 087 P Fuel delivery unit
1 8E0 919 133G Sealing washer

OR

Criterion Code: 01 Install fuel delivery unit & sealing washer; replace fuel filter

Repair operation: 2045 19 99 180 T.U.

1 8E0 906 087 P Fuel delivery unit
1 8E0 919 133G Sealing washer
1 8E0 201 511J Fuel filter

• A4 Quattro 3.0L Vehicles

Criterion Code: 01 Install fuel delivery unit & sealing washer

Repair operation: 2045 19 99 140 T.U.

1 8E0 906 087 N Fuel delivery unit
1 8E0 919 133 G Sealing washer

• A6 FWD Vehicles

Criterion Code: 01 Install fuel delivery unit & sealing washer

Repair operation: 2045 19 99 140 T.U.

1 8E0 906 087 D Fuel delivery unit
1 1J0 919 133A Sealing washer
2 N 101 969 01 Clamp (fuel line)

• A6 Quattro Vehicles

Criterion Code: 01 Install fuel delivery unit & sealing washer

Repair operation: 2045 19 99 140 T.U.

1 8E0 906 087 E Fuel delivery unit
1 8E0 919 133B Sealing washer
2 N 101 969 01 Clamp

Outside Materials:

Fuel: Up to \$40 (USD), \$50 (CAD)

If Customer Refuses Repairs:

Fax the Repair Order to VWoA at (248) 754-5093 and provide VIN, applicable Service Number, Customer Information, Dealer Number, and Date.

NEW

September 2007

Subject: Safety Recall JL
2003 Model Year Audi A4 quattro with 1.8L Turbo or 3.0L Engine and
2003 Model Year Audi A6 with 3.0L Engine
Replace Fuel Pump

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 vehicle safety, exists in some 2003 model year Audi A4 quattro and A6 vehicles. Our records show that you are the owner of one of these vehicles.

What Is The Problem?

The fuel pump on some affected vehicles may contain a carbon brush set that is susceptible to premature wear. This could lead to an inoperative fuel pump and, ultimately, interrupt or even stop the fuel supply to the engine. If fuel flow to the engine is interrupted, the vehicle could stall without warning and thus present a potential risk of crash.

What Audi Will Do

In order to correct this defect, we will replace the fuel pump on your vehicle.

What We Would Like You To Do

Please contact your authorized Audi dealer and arrange for an appointment without delay. This service will take about two hours and will be free of charge. Please keep in mind that your dealer may need additional time for the preparation of the repair, as well as to accommodate their daily workshop schedule.

To help expedite this repair, we ask that the fuel level in your vehicle be at approximately one-quarter (1/4) tank or less on the day of your scheduled appointment, if possible.

Lease Vehicles

If you are the lessor and registered owner of the vehicle identified in this action, the law requires you to forward this information immediately via first-class mail to the lessee within ten (10) days of receipt of this notification.

Have You Changed Your Address Or Sold The Vehicle?

If you have, please fill out the enclosed prepaid Owner Reply card and mail it to us so we can update our records.

Reimbursement of Expenses

If you have previously paid for replacement of the fuel pump, the enclosed form explains how to request reimbursement. We would be pleased to review your reimbursement request.

Service Help from Us

If your authorized Audi dealer fails or is unable to complete this work free of charge within a reasonable time, please call or write to:

*Audi of America, Inc.
Attn: Customer Relations (JL)
3499 West Hamlin Road
Rochester Hills, MI 48309
1-800-253-2834*

If you still cannot obtain satisfaction, you may file a complaint with: Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue S.E., Washington, DC 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153), or go to <http://www.safercar.gov/>.

We regret any inconvenience this matter may cause. Thank you for your continued loyalty!

Audi Product Compliance

NEW

September 2007

Subject: Safety Recall JL

**2003 Model Year Audi A4 quattro with 1.8L Turbo or 3.0L Engine and
2003 Model Year Audi A6 with 3.0L Engine
Replace Fuel Pump**

Dear Audi Owner:

This notice is sent to you in accordance with the requirements of the Canadian Motor Vehicles Safety Act. Audi has decided that a defect, which relates to motor vehicle safety, exists in some 2003 model year Audi A4 quattro and A6 vehicles. Our records show that you are the owner of one of these vehicles.

What Is The Problem?

The fuel pump on some affected vehicles may contain a carbon brush set that is susceptible to premature wear. This could lead to an inoperative fuel pump and, ultimately, interrupt or even stop the fuel supply to the engine. If fuel flow to the engine is interrupted, the vehicle could stall without warning and thus present a potential risk of crash.

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If you have previously paid for replacement of the fuel pump, the enclosed form explains how to request reimbursement. We would be pleased to review your reimbursement request.

Service Help from Us

If your authorized Audi dealer fails or is unable to complete this work free of charge within a reasonable time, please call or write to:

*Audi Canada
Attn: Customer Relations (JL)
P.O. Box 842, Stn. A
Windsor, ON N9A 9Z9
1-800-253-2834*

We regret any inconvenience this matter may cause. Thank you for your continued loyalty!

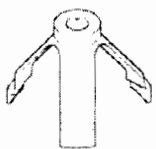
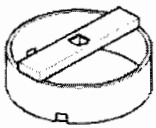

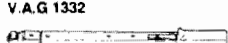

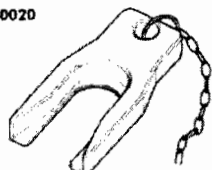


Audi Product Compliance

Campaign Work Procedure JL Safety Recall

Parts:

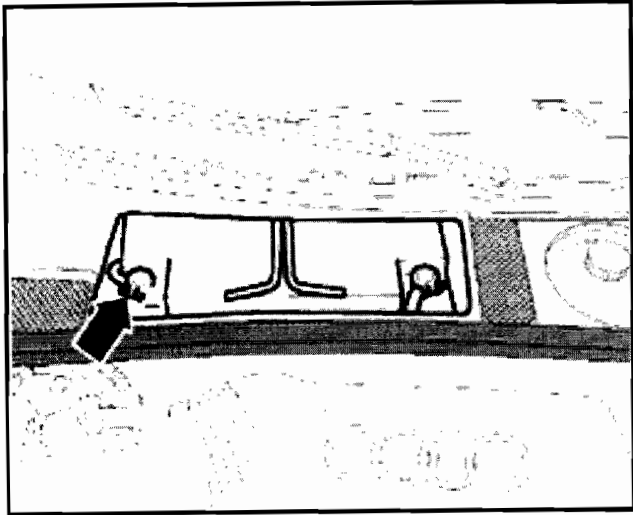
<u>Quantity</u>	<u>Part Number</u>	<u>Description</u>
1	8E0 906 087 P	Fuel delivery unit - A4 1.8L Turbo quattro
1	8E0 906 087 N	Fuel delivery unit - A4 3.0L quattro
1	8E0 906 087 E	Fuel delivery unit - A6 3.0L quattro
1	8E0 906 087 D	Fuel delivery unit - A6 3.0L FWD
1	8E0 919 133 B	Sealing washer - A6 3.0L quattro
1	8E0 919 133 G	Sealing washer - A4 1.8L Turbo quattro & 3.0L quattro
1	1J0 919 133 A	Sealing washer - A6 3.0L FWD
2	N 101 969 01	Clamp (fuel line) - A6 3.0L FWD & quattro
1	8E0 201 511 J	Fuel filter - A4 1.8L Turbo quattro

Special tools:

<p>3217</p> 	<p>T10202</p> 
<p>V.A.G 1331</p>  <p>V.A.G 1332</p> 	<p>3307</p> 
<p>T40020</p> 	<p>VAS 5051</p>  <p>VAS 5052</p> 

- ⇐ 3217 Ring nut spanner
- ⇐ T10202 wrench or 3087 wrench
- ⇐ V.A.G 1331 & V.A.G 1332 Torque wrenches or equivalent
- ⇐ 3307 Fuel pump wrench
- ⇐ T40020 Release tool
- ⇐ VAS 5051 or VAS 5052 Diagnostic tool
- VAS 6017A Adapter
- FM 3000GH Fuel removal cart or equivalent
- YA3080 Crimping tool or equivalent

Work Sequence



Section A – Fuel Delivery Unit Removal Preparation

- Obtain radio anti theft coding
- Make note of quantity of fuel in fuel tank
- Switch off all electrical consumers
- Turn ignition switch to the off position and remove key
- If vehicle is equipped with Audi Telematics, by OnStar®, switch-off emergency (back up) battery for Telematic/Telephone control module prior to disconnecting vehicle battery
- ⇐ Open hood, remove battery cover and disconnect the negative battery cable (GND) from the battery
- Loosen gas cap to release any pressure in fuel tank and retighten
- If vehicle is A6 front wheel drive **go to Section B**
- If vehicle is A4 quattro **go to Section C**
- If vehicle is A6 quattro **go to Section D**

Section B – Fuel Delivery Unit Removal and Installation for A6 Front Wheel Drive

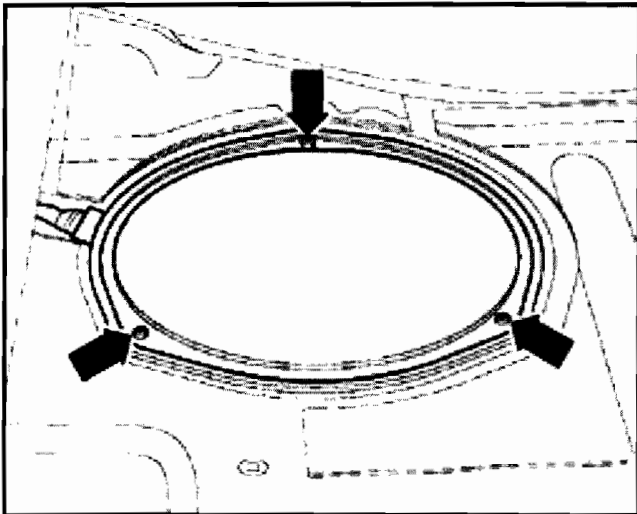


WARNING!

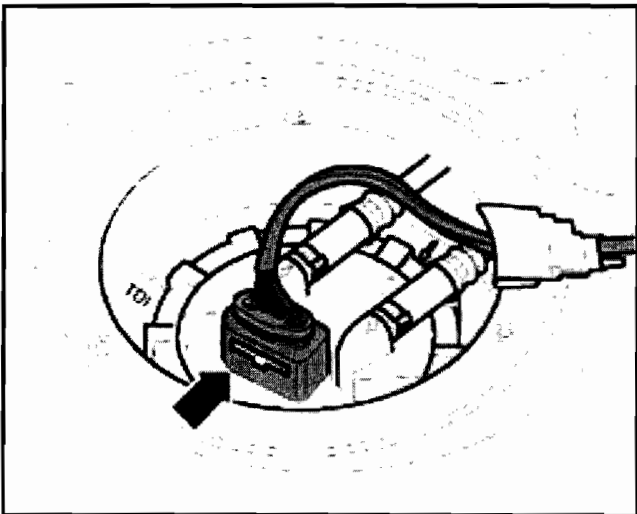
Fire hazard! Do not smoke, work near heaters or have anything in the area that could ignite fuel or fumes

Fuel system is under pressure! Before opening system, place a cloth around the connection. Release pressure by carefully loosening the connection

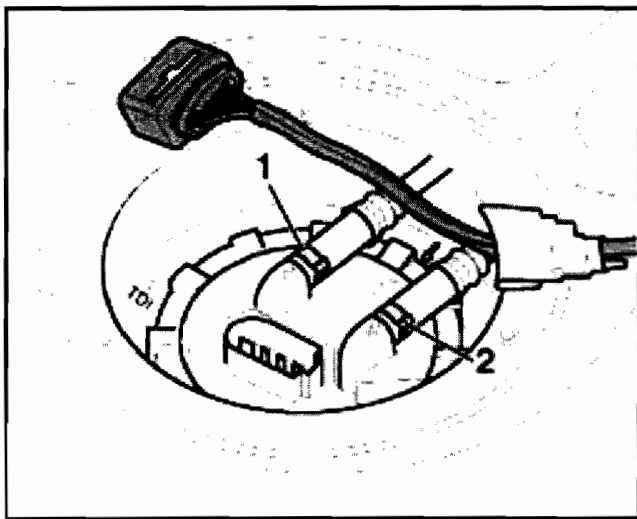
Always wear eye protection and wear fuel-resistant gloves when disconnecting system connections



- If fuel tank is more than $\frac{1}{4}$ full, use FM 3000GH fuel cart and remove fuel to a level of $\frac{1}{4}$ full
 - Remove luggage compartment floor covering and fold right rear seatback forward
- ⇐ Remove Phillips screws and cover on floor to access the fuel delivery unit -arrows-

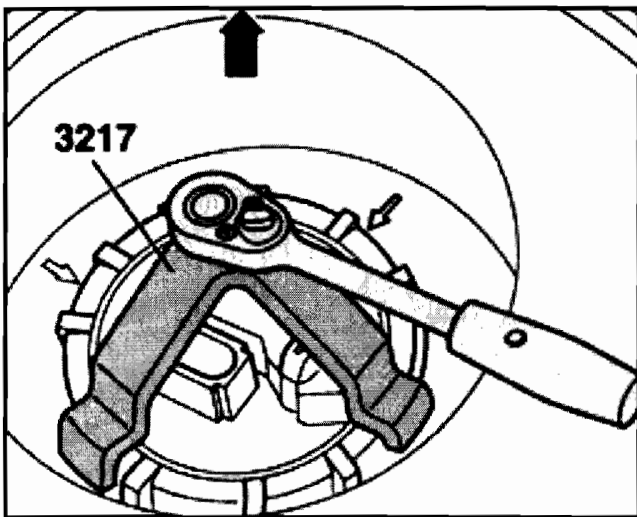


- ⇐ Carefully release 4-pin harness connector -arrow- and disconnect



⇐ Mark fuel supply line -2- and fuel return line -1- for reconnection

- Remove clamps and disconnect both fuel lines
- Cover fuel lines to prevent dirt or debris from contaminating fuel



⚠ WARNING!

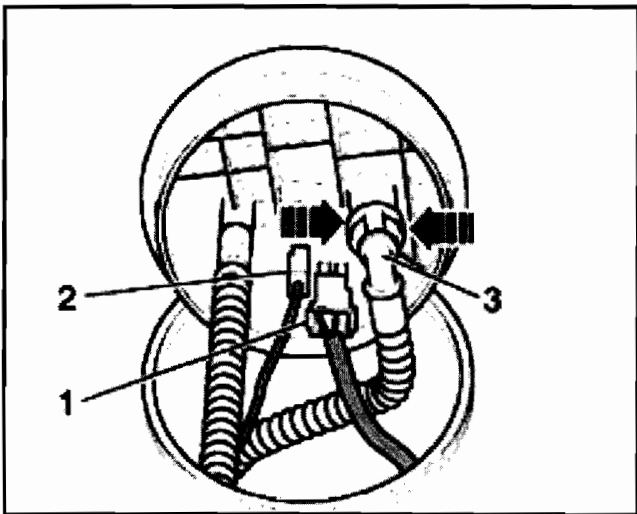
Fuel delivery unit may only be removed when fuel tank is a maximum $\frac{1}{4}$ full. A fuel tank more than $\frac{1}{4}$ full may spill out a large amount of fuel.

⇐ Use ring nut spanner tool 3217 and remove union nut

- Lift closing flange and remove sealing washer from fuel tank opening



Note: Black arrow in illustration is pointing toward front of vehicle

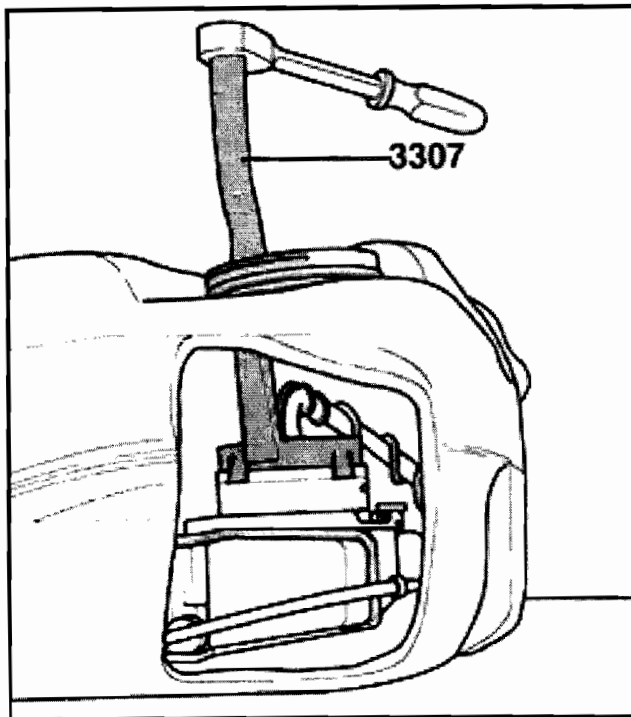


⇐ Disconnect harness connector -1- for sender for fuel gauge from underside of closing flange

⇐ Disconnect fuel return line -3- from underside of flange by pressing release tabs -arrows- on connector

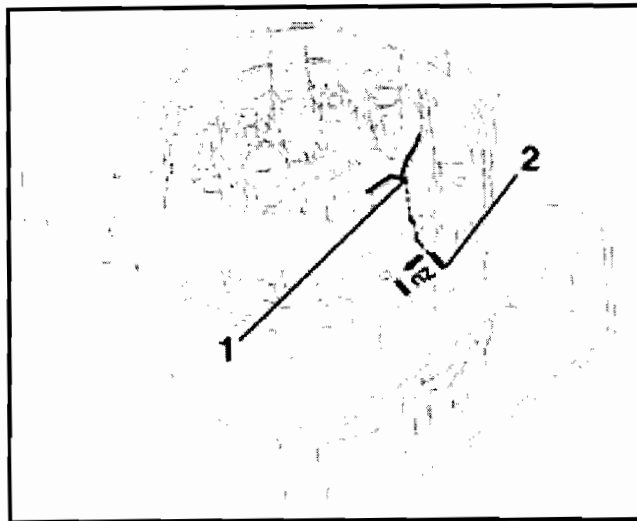


Note: Harness connector -2- remains connected to closing flange



- ⇐ Insert 3307 fuel pump wrench into fuel tank opening and position on fuel delivery unit
- ⇐ Release fuel delivery unit by turning approximately 15° counterclockwise until it stops (bayonet connection)

Note: For illustrative purposes, a cross-sectional view of fuel tank is shown

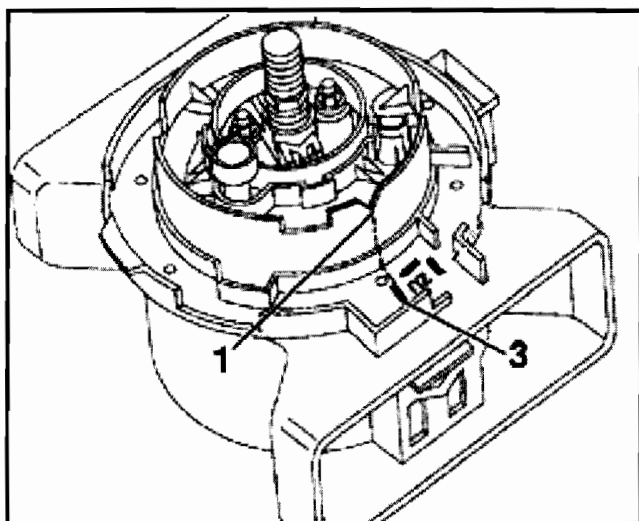


Note: For illustrative purposes, fuel tank is not shown

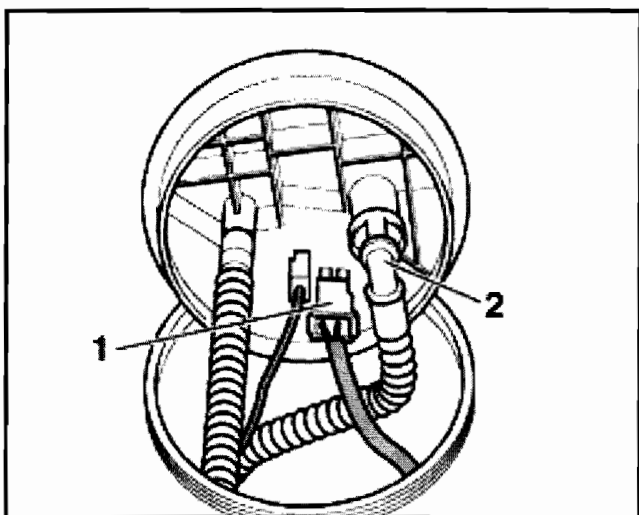
- ⇐ Remove fuel delivery unit from baffle housing when notch -1- is aligned with mark -2-

Note: Fuel delivery unit contains fuel. Be careful not to let fuel drip on vehicle

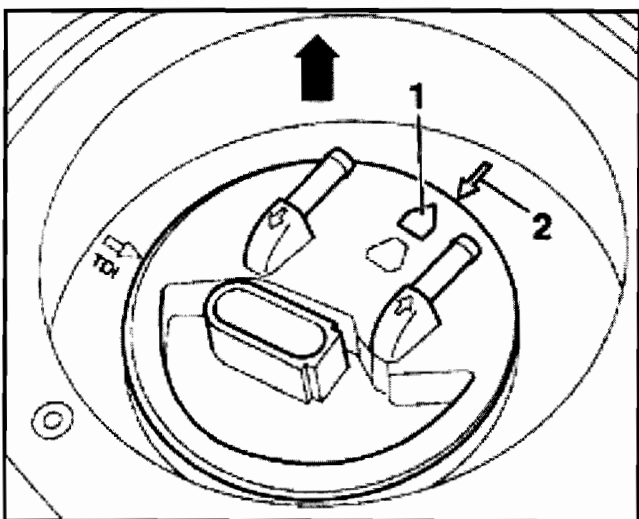
- ⇐ Insert new fuel delivery unit (8E0 906 087 D) into baffle housing
- ⇐ Align notch -1- on fuel delivery unit with marking -2- on baffle housing and press fuel delivery unit downward



- Insert 3307 fuel pump wrench into fuel tank opening and position on fuel delivery unit
- ⇐ Secure fuel delivery unit in position by turning approximately 15° clockwise until notch -1- aligns with marking -3- (bayonet connection) and remove fuel pump wrench 3307

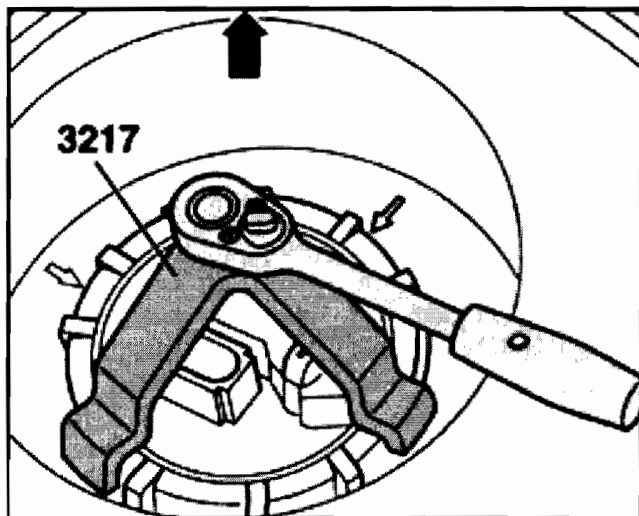


- ⇐ Reconnect fuel return line -2- to closing flange
- ⇐ Reconnect connector -1- for fuel gauge sender to closing flange
- Insert new dry sealing washer (1J0 919 133 A) into fuel tank opening

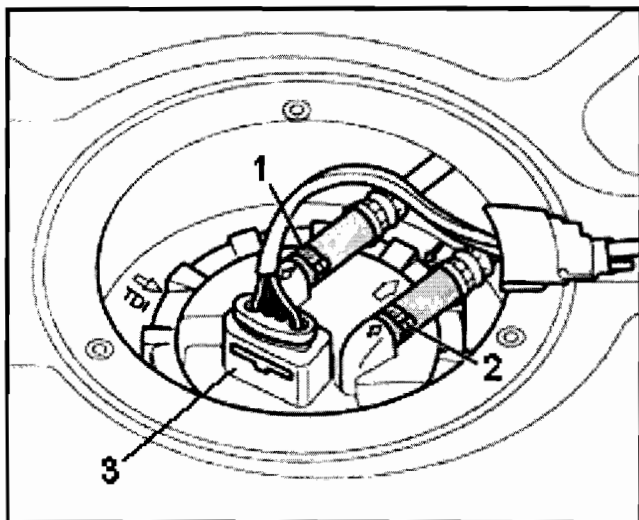


- Lubricate sealing washer with fuel, turn closing flange counter-clockwise and insert into sealing washer
- ⇐ Marking -1- on closing flange must align with arrow -2- on fuel tank

Note: Black arrow in illustration is pointing toward front of vehicle
DO NOT use "TDI" marking on fuel tank



- ⇐ Secure closing flange to fuel tank with union nut and using ring nut spanner tool 3217, tighten to 80 Nm (59 ft. lbs.)



- ⇐ Reconnect fuel return line -1- and fuel supply line -2- to closing flange and secure with new clamps (N 101 969 01)
- ⇐ Reconnect harness connector -3- to closing flange
- Reinstall closing flange cover and secure with Phillips screws
- Reposition luggage compartment floor covering and rear seat back
- If fuel was removed from vehicle, return fuel to the vehicle
- **Proceed to Section E**

Section C – Fuel Delivery Unit Removal and Installation A4 quattro

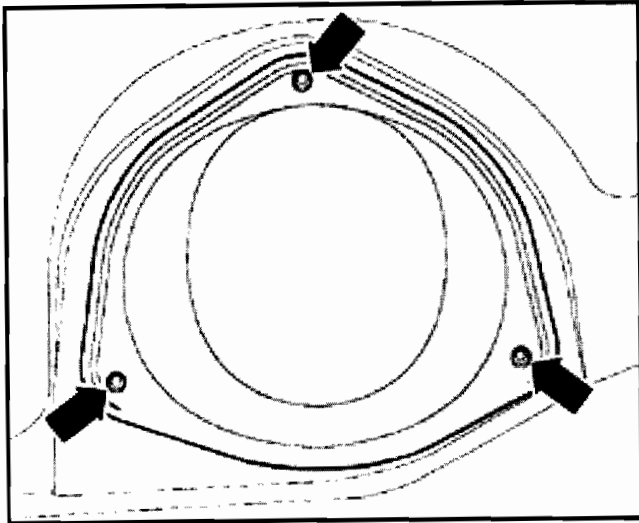


WARNING!

Fire hazard! Do not smoke, work near heaters or have anything in the area that could ignite fuel or fumes

Fuel system is under pressure! Before opening system, place a cloth around the connection. Release pressure by carefully loosening the connection

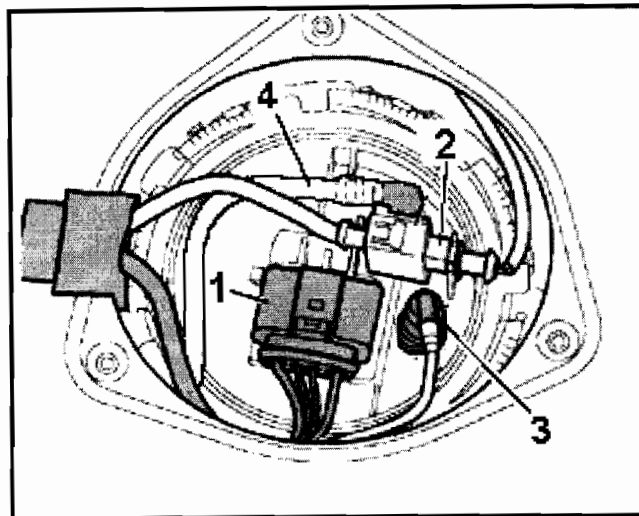
Always wear eye protection and wear fuel-resistant gloves when disconnecting system connections



- If fuel tank is more than $\frac{1}{4}$ full, use FM 3000GH fuel removal cart or equivalent and remove fuel to a level below $\frac{1}{4}$ full

- Remove rear seat bottom

⇐ Remove Phillips screws -arrows- and cover for closing flange on right side of vehicle



Vehicles with 1.8L Turbo Engine

⇐ Disconnect ventilation line -3- by pressing the release buttons

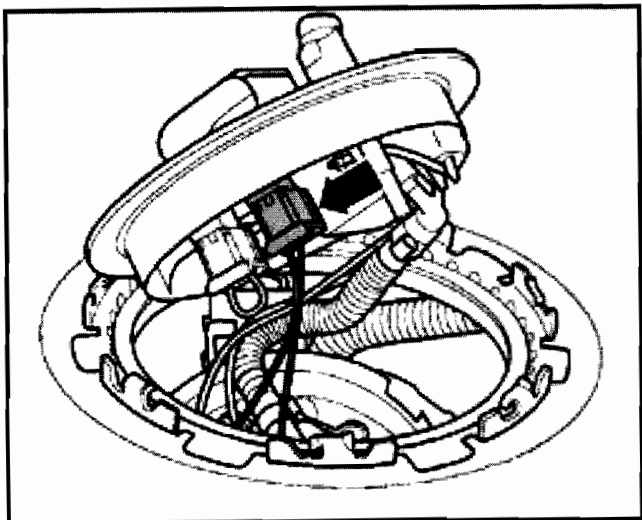
Vehicles with 1.8L Turbo and 3.0L

⇐ Disconnect electrical harness connector -1-

⇐ Unclip electrical harness connector -2- from closing flange and move aside

⇐ Disconnect fuel line -4- from closing flange by pressing release buttons

- Cover fuel line to prevent dirt or debris from contaminating fuel

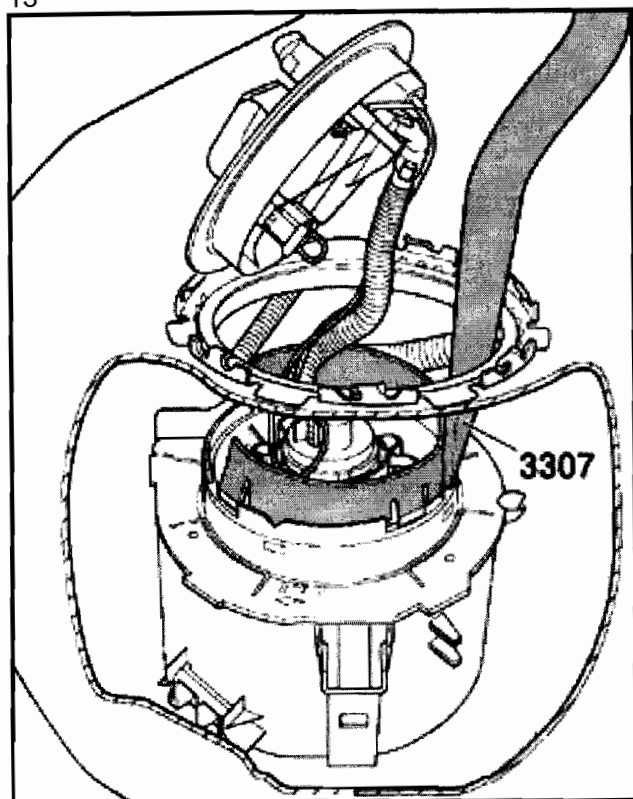


WARNING!

Closing flange should only be opened if the fuel tank is a maximum $\frac{1}{4}$ full. A fuel tank more than $\frac{1}{4}$ full will spill out a large amount of fuel.

- Remove locking ring using T10202 wrench
 - Lift closing flange and remove sealing washer from fuel tank opening
- ⇐ Disconnect electrical connector -arrow- from underside of closing flange

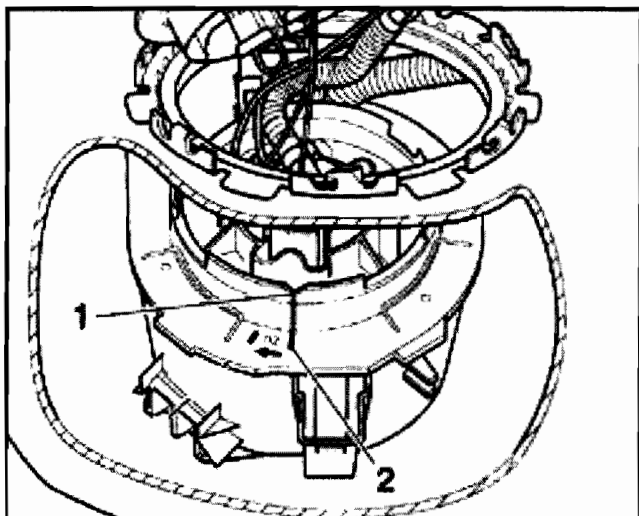
13



- ⇐ Insert 3307 fuel pump wrench into fuel tank opening and position on fuel delivery unit
- ⇐ Release fuel delivery unit by turning approximately 15° counterclockwise until it stops (bayonet connection)



Note: For illustrative purposes, a cross-sectional view of fuel tank is shown

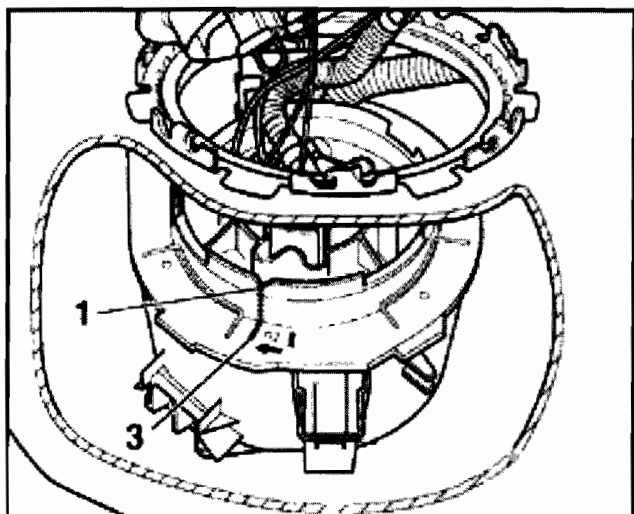


- ⇐ Remove fuel delivery unit from baffle housing when notch -1- is aligned with mark -2-

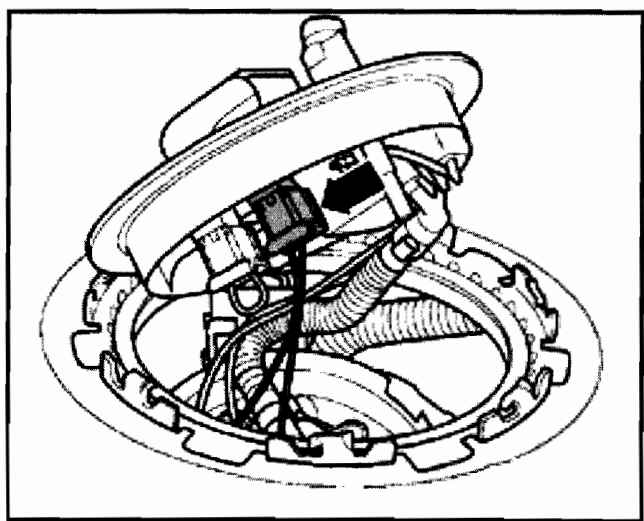


Note: Fuel delivery unit contains fuel. Be careful not to let fuel drip on vehicle

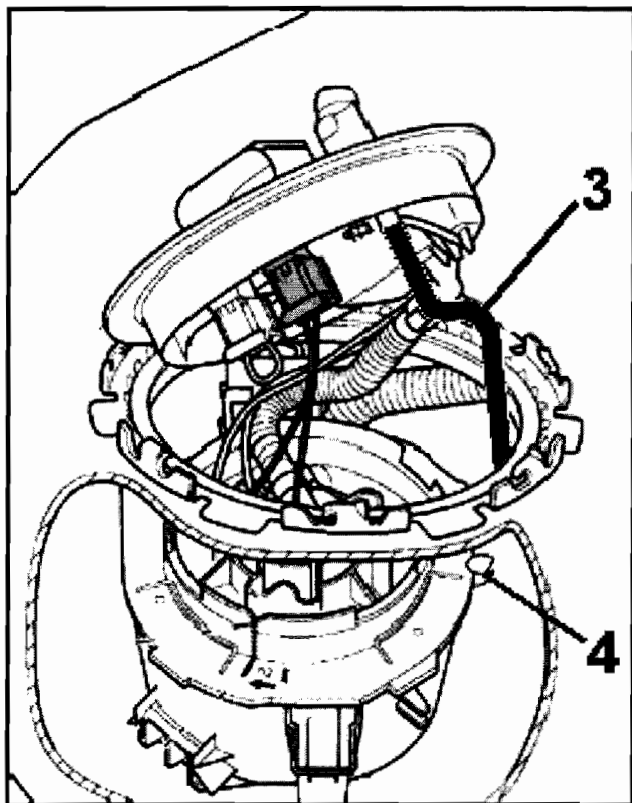
- ⇐ Insert new fuel delivery unit (for 1.8L Turbo engine use part number 8E0 906 087 P and for 3.0L engine use part number 8E0 906 087 N) into baffle housing
- ⇐ Align notch -1- on fuel delivery unit with marking -2- on baffle housing and press fuel delivery unit downward



- Insert 3307 fuel pump wrench into fuel tank opening and position on fuel delivery unit
- ⇐ Secure fuel delivery unit in position by turning approximately 15° clockwise until notch -1- aligns with marking -3- (bayonet connection) and remove fuel pump wrench 3307

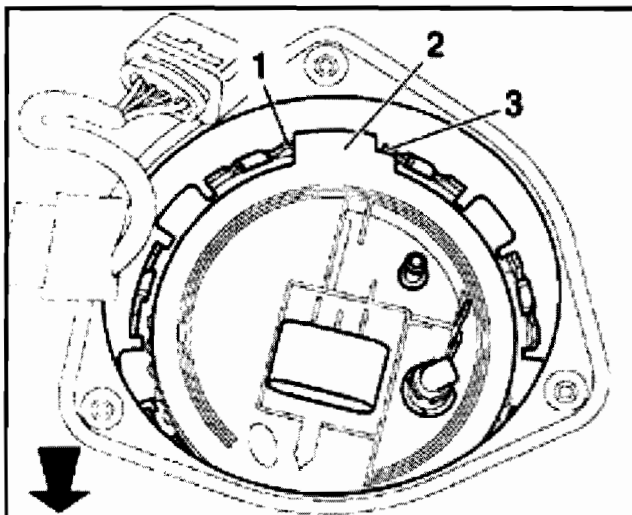


- ⇐ Reconnect electrical connector -arrow- onto underside of closing flange
- Install new closing flange seal dry (8E0 919 133 G) into fuel tank opening
- Lubricate sealing washer with fuel




Vehicles with 1.8L Turbo Engine

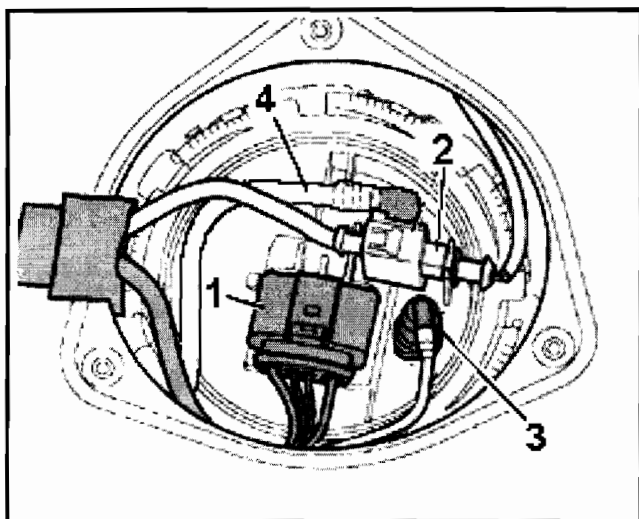
- ⇐ While pushing closing flange into fuel tank opening, guide vent line -3- into holder -4- on side of baffle



Vehicles with 1.8L Turbo and 3.0L Engine

- ⇐ Position tab -2- on locking flange between tabs -1- and -3- on fuel tank and push closing flange into sealing washer
- Secure closing flange with locking ring and tighten to 145 Nm (106 ft. lbs.) using T10202 wrench

 Note: Arrow in illustration is pointing toward front of vehicle



- ⇐ Reconnect fuel line -4- to closing flange
- ⇐ Clip electrical harness connector -2- onto closing flange
- ⇐ Reconnect electrical harness connector -1-

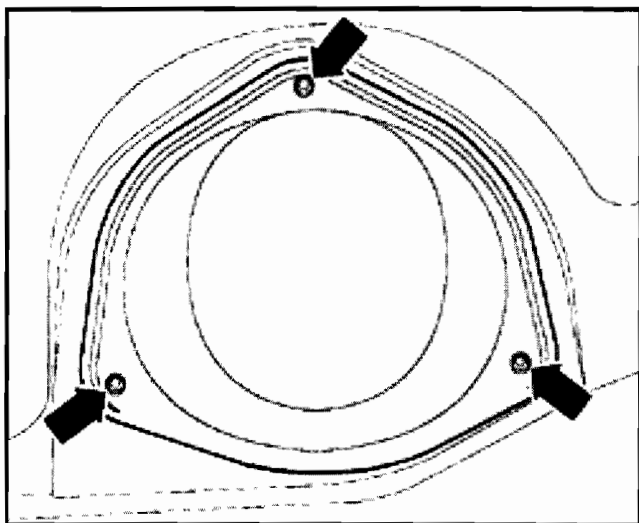
Vehicles with 1.8L Turbo engine

- ⇐ Reconnect ventilation line -3-

Vehicles with 1.8L Turbo and 3.0L

- Reinstall closing flange cover and secure with Phillips screws
- Reinstall rear seat bottom
- If fuel was removed from vehicle, return fuel to the vehicle
- **Proceed to Section E**

Section D - Fuel Delivery Unit Removal and Installation A6 quattro



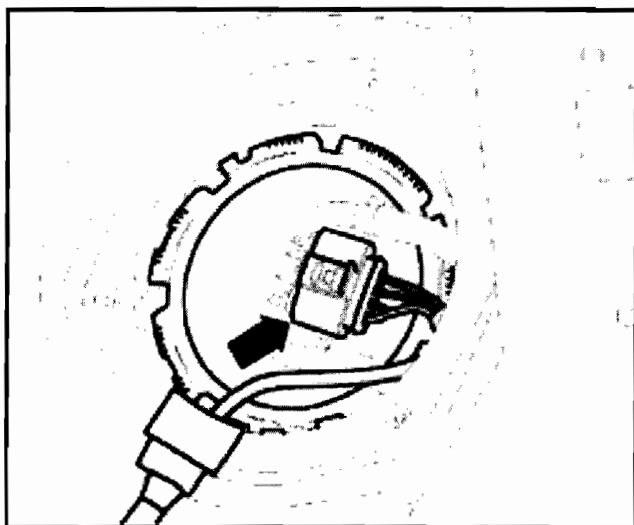
WARNING!

Fire hazard! Do not smoke, work near heaters or have anything in the area that could ignite fuel or fumes

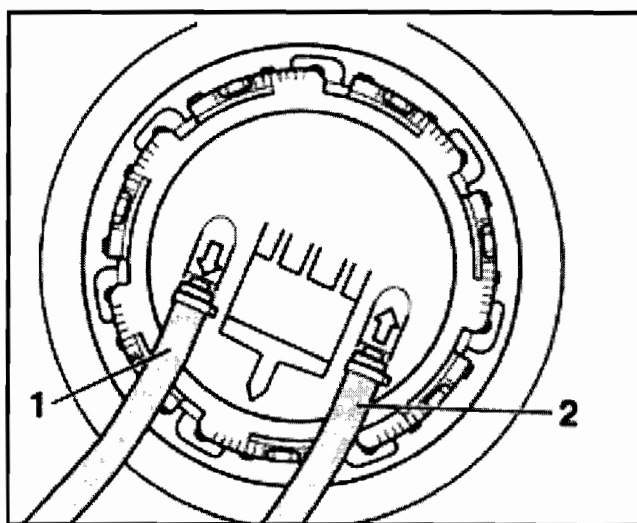
Fuel system is under pressure! Before opening system, place a cloth around the connection. Release pressure by carefully loosening the connection

Always wear eye protection and wear fuel-resistant gloves when disconnecting system connections

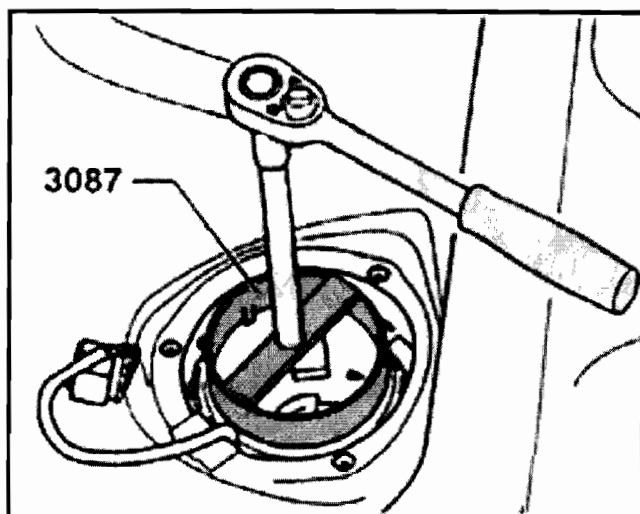
- If fuel tank is more than $\frac{1}{4}$ full, use FM 3000GH fuel removal cart or equivalent and remove fuel to a level below $\frac{1}{4}$ full
- Remove rear seat bottom
- ⇐ Remove Phillips screws -arrows- and cover for locking flange on right side of vehicle



- ⇐ Carefully release 4-pin harness connector -arrow- and disconnect

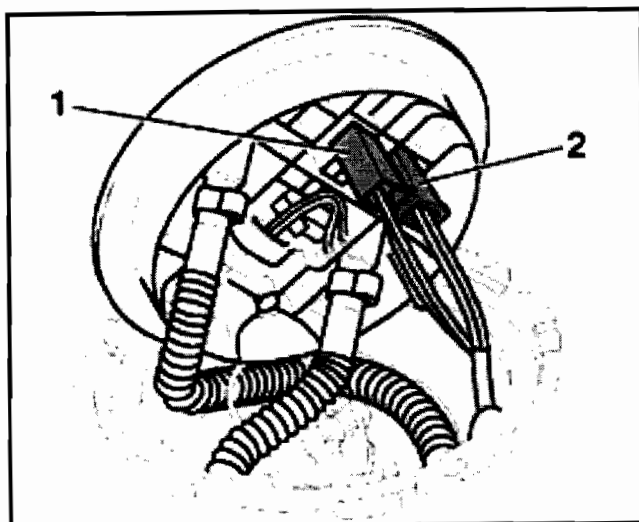


- ⇐ Mark fuel supply line -1- and return line -2- for reconnection and disconnect from closing flange
- Cover fuel lines to prevent dirt or debris from contaminating fuel



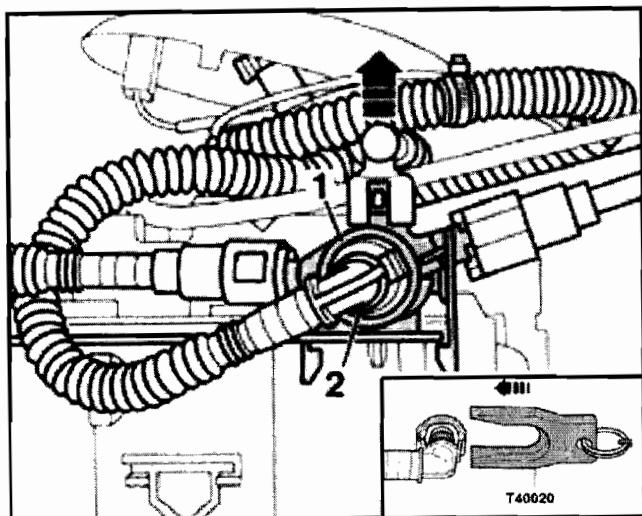
⚠ WARNING!
 Closing flange should only be opened if the fuel tank is a maximum $\frac{1}{4}$ full. A fuel tank more than $\frac{1}{4}$ full will spill out a large amount of fuel.

- ⇐ Remove locking ring using 3087 wrench or T10202 wrench
- Lift closing flange and remove sealing washer from fuel tank opening



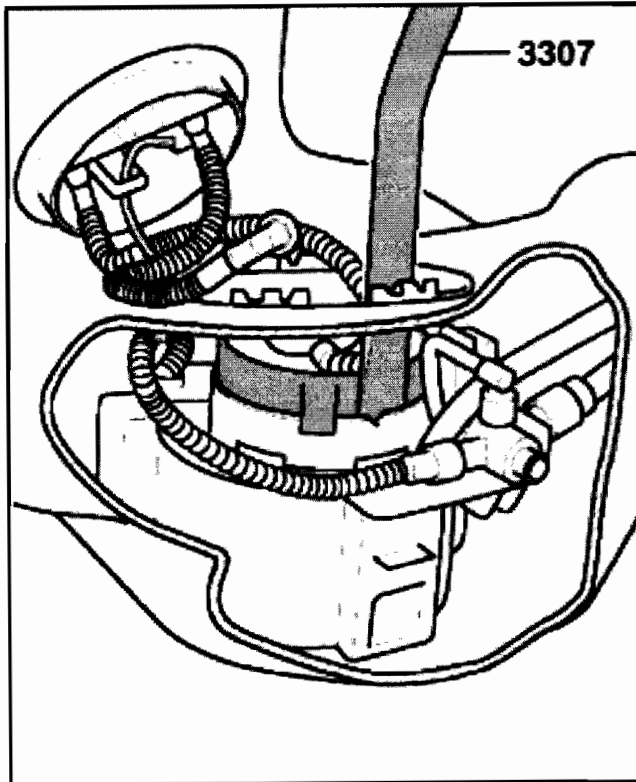
⇐ Disconnect both harness connectors -1- and -2- for fuel gauge from underside of closing flange

- Make note of connector location for reconnection



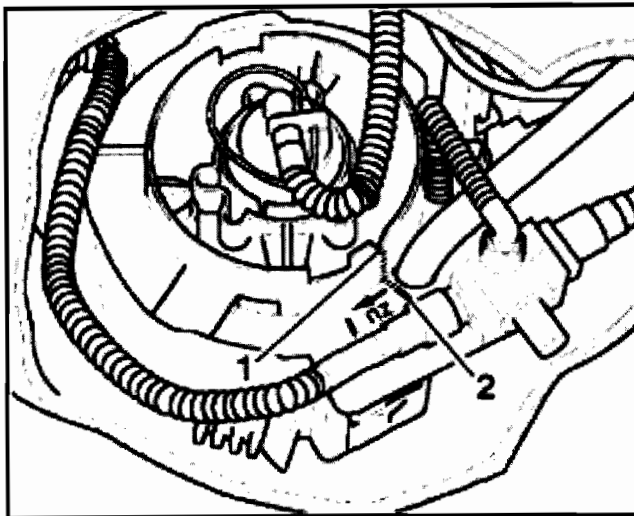
⇐ Disengage fuel distributor connector -1- from accumulator by pressing fuel distributor connector slightly to left side of vehicle and lift upward -arrow-

⇐ Disconnect fuel return line -2- from fuel distributor connector using unlocking tool T40020



- ⇐ Insert 3307 fuel pump wrench into fuel tank opening and position on fuel delivery unit
- ⇐ Release fuel delivery unit by turning approximately 15° counterclockwise until it stops (bayonet connection)

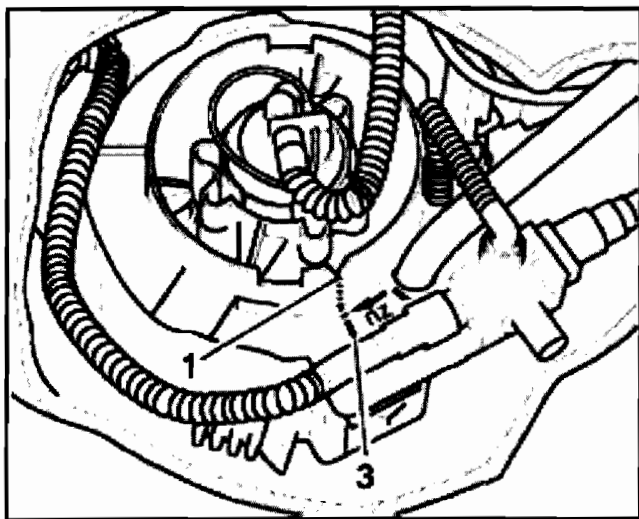
Note: For illustrative purposes, a cross-sectional view of the fuel tank is shown



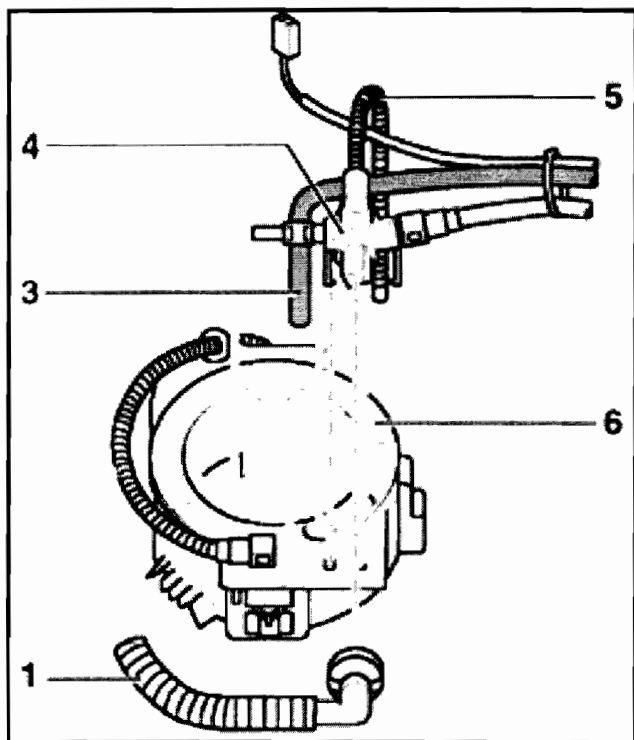
- ⇐ Remove fuel delivery unit from baffle housing when notch -1- is aligned with mark -2-

Note: Fuel delivery unit contains fuel. Be careful not to let fuel drip on vehicle

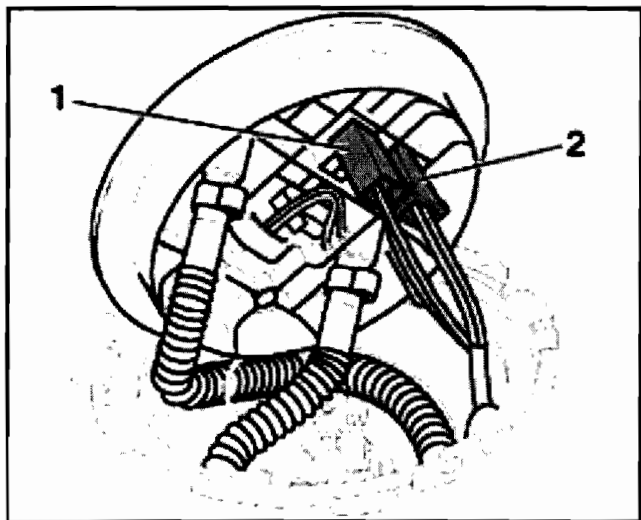
- ⇐ Insert new fuel delivery unit (8E0 906 087 E) into baffle housing
- ⇐ Align notch -1- on fuel delivery unit with marking -2- on baffle housing and press fuel delivery unit downward



- Insert 3307 fuel pump wrench into fuel tank opening and position on fuel delivery unit
- ⇐ Secure fuel delivery unit in position by turning approximately 15° clockwise until notch -1- aligns with marking -3- (bayonet connection) and remove fuel pump wrench 3307

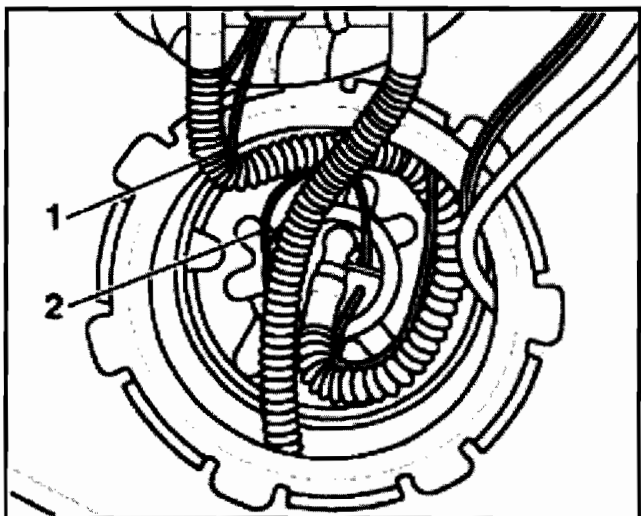


- ⇐ Insert solid line -3- and hose -5- into relevant openings of accumulator -6-
- ⇐ Lubricate O-rings inside fuel return line -1- connector with fuel and push connector onto distributor connector -4- until coupling engages
- ⇐ Re-clip distributor connector -4- onto accumulator -6- and check that the clips are holding

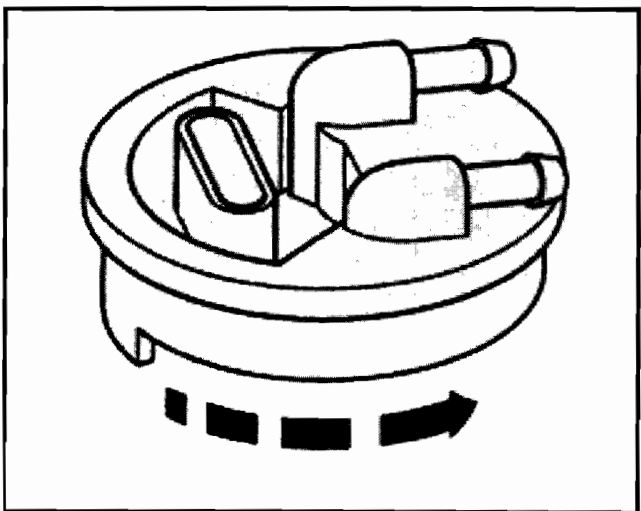


⇐ Reconnect both harness connectors -1- and -2- for fuel gauge to underside of closing flange

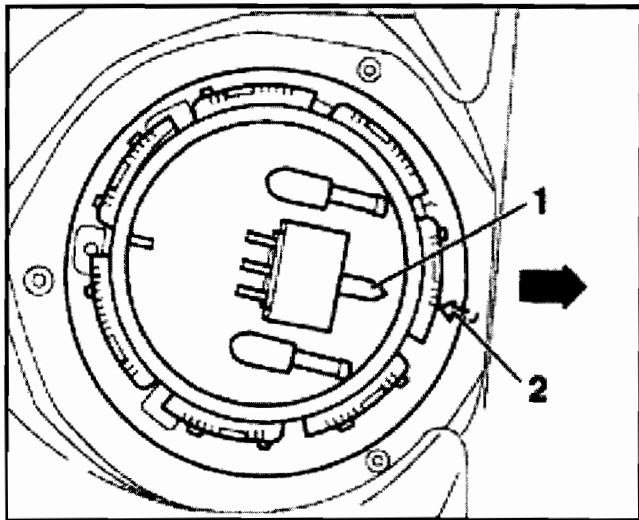
- Insert new dry sealing washer (8E0 919 133 B) dry into fuel tank opening



⇐ Ensure that wiring for fuel pump -2- and fuel return line -1- is correctly routed when installing closing flange



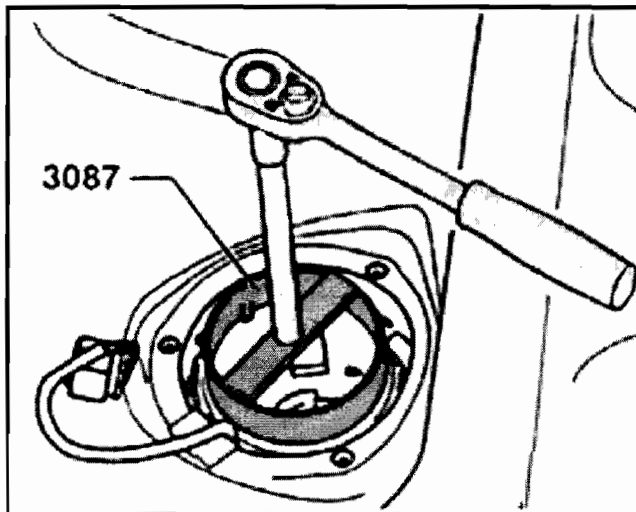
⇐ When installing closing flange, turn in direction of arrow, as shown in illustration



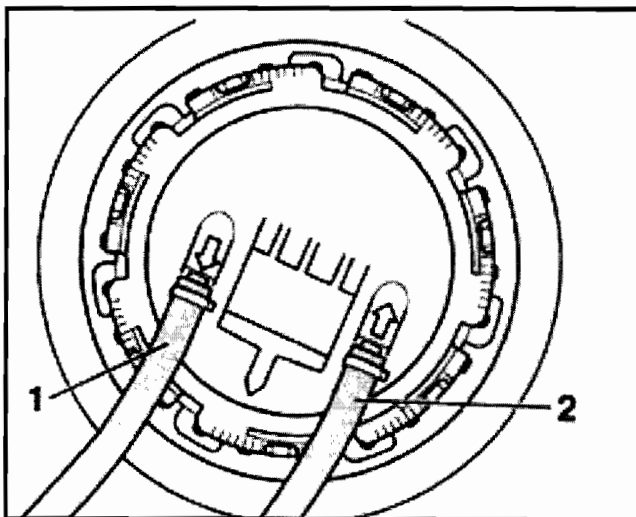
- Lubricate sealing washer with fuel

⇐ Insert closing flange into sealing washer making certain marking -1- is aligned with arrow -2- on fuel tank

Note: Black arrow in illustration is pointing toward front of vehicle



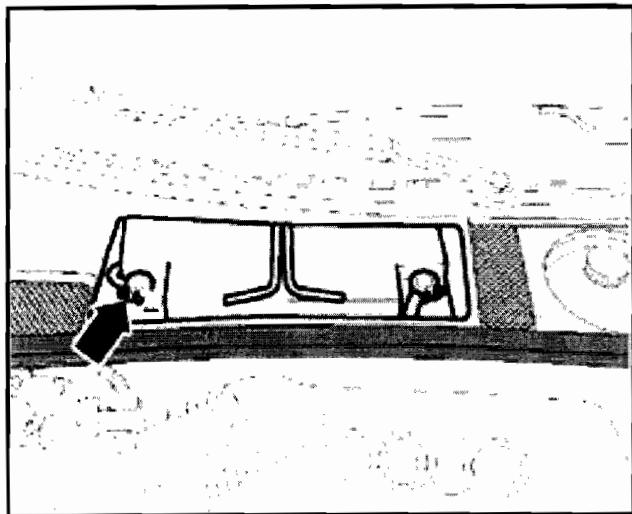
⇐ Secure closing flange with locking ring using 3087 wrench or T10202 and tighten to 145 Nm (106 ft. lbs.)



⇐ Connect fuel supply line -1- and return line -2- to closing flange and secure with new clamps (N 101 969 01)

- Reconnect 4-pin electrical connector
- Reinstall cover for closing flange with indentation over electrical connector and secure with Phillips screws
- Reinstall rear seat bottom
- If fuel was removed from vehicle, return fuel to vehicle
- **Proceed to Section E**

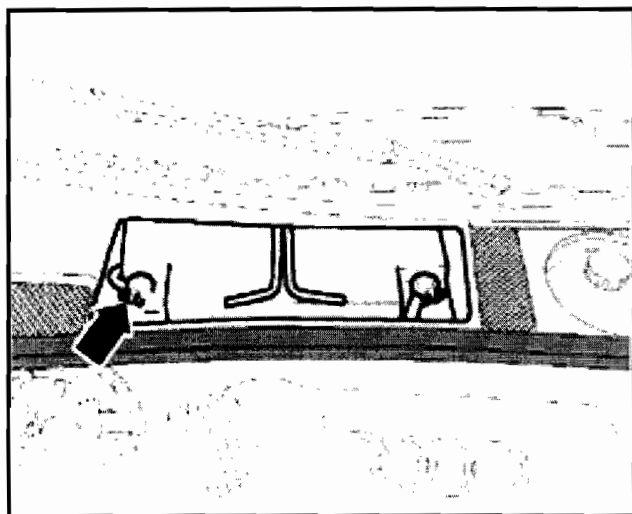
Section E - Electronic and Comfort Settings Restoration



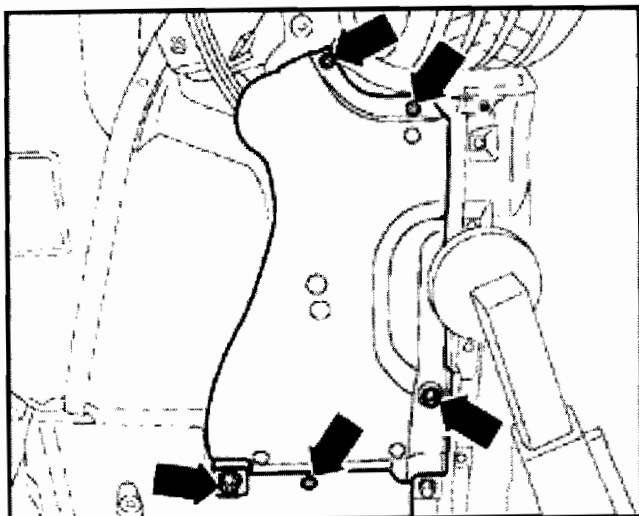
- ◀ Reconnect the negative battery cable (GND) to the battery and tighten bolt to 5 Nm (44 in. lbs.)
- Start engine to check fuel delivery unit function. **If vehicle is A4 1.8L Turbo quattro** and fuel filter is making a rattling sound, **go to Section F**, otherwise continue
- If vehicle is equipped with Audi Telematics, by OnStar®, switch-on emergency (back up) battery for Telematic/Telephone control module after vehicle battery is reconnected
- If required, reactivate radio with radio code
- Reset window pinch protection
- Reset power door lock transmitter
- Reset time and date on clock
- Clear diagnostic trouble codes (DTCs) and reset readiness code
- If ESP fault light is illuminated in instrument panel, drive vehicle a few meters until light turns off
- Destroy and properly dispose of removed parts in accordance with local, state and federal/provincial environmental regulations

WORK IS COMPLETE

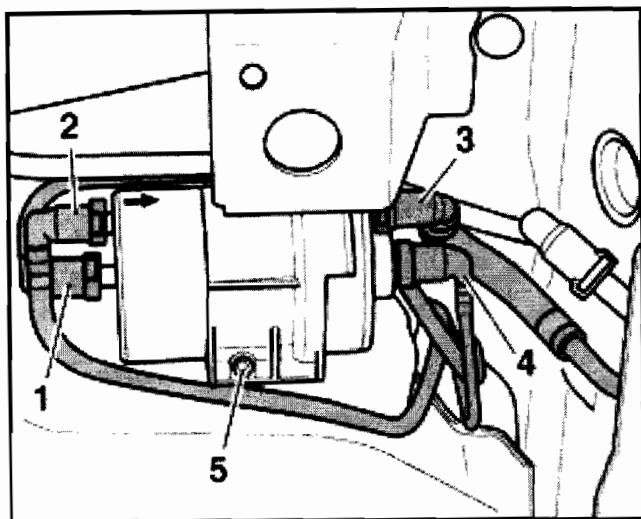
Section F - A4 1.8L Turbo quattro Fuel Filter Replacement



- Turn ignition switch to the off position and remove key
- ◀ Open hood, remove battery cover and disconnect the negative battery cable (GND) from the battery
- Raise vehicle on hoist



- ⇐ Remove screws -arrows- and right cover next to fuel tank
- Place drip tray under fuel filter to catch fuel



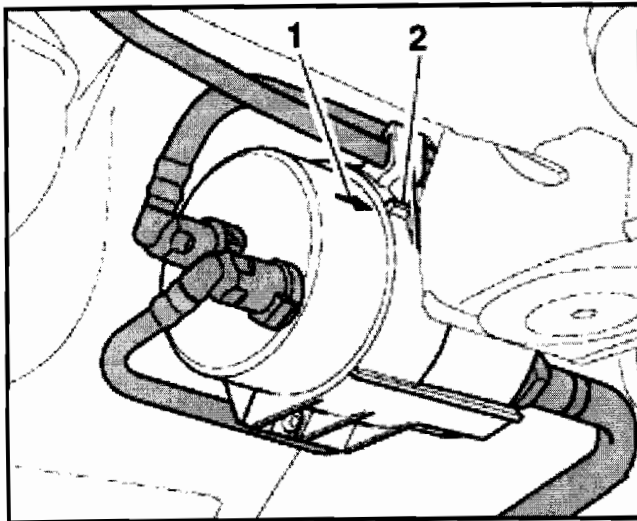
WARNING!

Fire hazard! Do not smoke, work near heaters or have anything in the area that could ignite fuel or fumes

Fuel system is under pressure! Before opening system, place a cloth around the connection. Release pressure by carefully loosening the connection

Always wear eye protection and wear fuel-resistant gloves when disconnecting system connections

- ⇐ Disconnect fuel return line -1-, fuel supply from fuel tank -2-, fuel supply line to engine -3- and ventilation line -4-
- ⇐ Remove bolt -5- and fuel filter



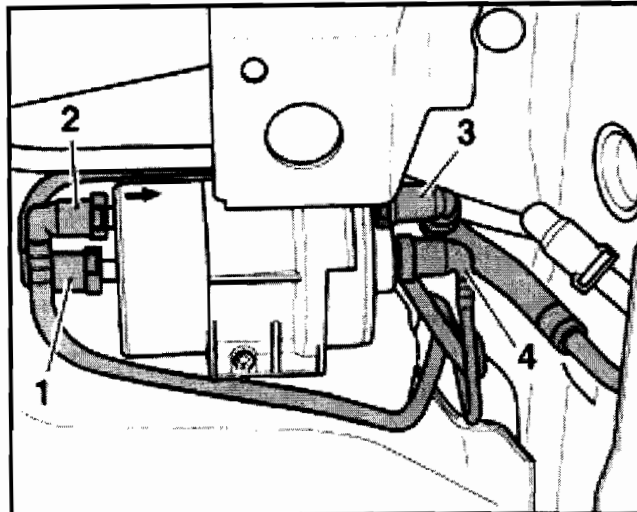
- ⇐ Install new fuel filter (8E0 201 511 J) into bracket



Note: Direction of fuel flow is marked with arrows

- ⇐ Align marking -2- on bracket with arrow marking -1- on fuel filter

- Secure fuel filter to bracket and tighten screw to 1.2 Nm (11 in. lbs.)



- ⇐ Connect fuel return line -1- to connector marked "RL" on fuel filter

- ⇐ Connect fuel supply line from fuel tank -2- to connector marked "VL" on fuel filter

- ⇐ Connect fuel supply line to engine -3- to connector marked "MOTOR" on fuel filter

- ⇐ Connect ventilation line -4- to connector marked "E" on fuel filter

- Reinstall cover for fuel filter and secure with screws
- Lower vehicle
- **Return to Section E**