

VOLKSWAGEN

GROUP OF AMERICA



MARIA COTTER NAME
LEAD CAMPAIGN ADMINISTRATOR TITLE
PRODUCT COMPLIANCE DEPARTMENT
248-754-5000 PHONE
248-754-5093 FAX
JUNE 19, 2009 DATE

Ms. Delia Lopez
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

VOLKSWAGEN GROUP OF AMERICA, INC.
3800 HAMLIN ROAD
AUBURN HILLS, MI 48326
PHONE +1 248 754 5000

**Subject: Document Submission for Revised Recall Campaign
09V-093 (Volkswagen Code 20P6/S2)**

Dear Ms. Lopez:

Pursuant to the requirements set forth in Part 573.6 of Title 49 of the Code of Federal Regulations, we are submitting one (1) copy of the following communications for recall campaign 09V-093 (20P6/S2):

- Dealer Notification Letter
- Work Procedure and Claiming Instructions

If you have any questions or require additional information, please contact me.

Sincerely,

Maria Cotter
Lead Campaign Administrator
Product Compliance -Service and Quality
Enclosures



VOLKSWAGEN DEALERSHIP COMMUNICATION

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

Name

Title

Subject: Revision to Safety Recall 20P6/S2
2008 MY R32 (5th Generation)
United States Only

Product Department
Compliance

June 2009 Date

<p>IMPORTANT NOTICE TO DEALERS - FOR IMMEDIATE DISTRIBUTION Revision to Safety Recall 20P6/S2 United States Only</p>

The work procedure for Safety Recall 20P6/S2 has been revised and will be available on ServiceNet and in ElsaWeb shortly. Please ensure that all technicians in your dealership are aware of the updated information as soon as possible.

Additionally, we have received a number of dealership calls from technicians and service writers with questions about this safety recall, and in many cases the callers had not taken the time to watch the work procedure video or the valve installation video clip. These videos supplement the campaign circular work procedure, and Service Managers are strongly encouraged to ensure all dealership technicians have had an opportunity to watch them both. This will help technicians become more familiar with the repair before attempting to perform it on a vehicle.

A Flash Video Player is available for download from ServiceNet via Library>Campaign Circulars>Video Player.

A special edition of TechTalk dedicated to this campaign will be released on or about June 26, 2009, and will include the full-length work procedure video.

Important Reminder on Vehicles Affected by Safety and Compliance Recalls

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.

Thank you for your assistance in this important matter. If you have any questions or require additional assistance, please contact the Campaign Helpline at 1-800-741-2919.

Volkswagen Product Compliance

IMPORTANT!

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.

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

Code: 20P6
**Subject: 2008 R32
Fuel Tank Ventilation Valve**
REVISED

June 2009

Revision Summary (Changes in yellow highlight)

- "Or equivalent" removed from P/N N 102 556 01 on pages 1, 5 and 13
- Reinstall tank protection plate for filler neck cover step added in work procedure pg. 14
- Tips/steps added on pages 18, 19 & 21
- Clarified valve installation check -- p. 23

Problem Description

When certain driving conditions are accompanied by high ambient temperatures, the fuel tank ventilation valve may not remain fully closed. If this happens, liquid fuel may enter the fuel tank venting system and migrate into the evaporative system, saturating the carbon canister. Should this occur while driving, the vehicle may experience performance issues (i.e., vehicle jerking) and the malfunction indicator lamp (MIL) in the instrument cluster could illuminate. In rare cases, fuel could leak from the evaporative system leak detection pump filter. A fuel leak, in the presence of an ignition source, can lead to a vehicle fire.

Corrective Action

Install an improved fuel tank ventilation valve assembly kit.

VIN Range & Production Date of Affected Vehicles
U.S.A.

VVV_C_1K_8 W 000057 - VVV_C_1K_8 W 274243

Production date: January 17, 2007 through March 11, 2008

NOTE: Check ElsaWeb on the day of repair to verify vehicle eligibility and attach the screen print to the repair order. This is the only valid campaign inquiry and verification source. 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 & VIM System

In the Service Manager's Package, dealers with affected vehicles received a report containing the VIN, customer name, city, state and zip code. Dealers did not receive a report if they had no affected vehicles. Dealers can use the VIM system to check for affected inventory vehicles.

Parts Information and Allocation

Dealers received a parts allocation prior to the customer mailing date. If you have questions regarding parts call the Parts Helpline at 800-767-6552.

Owner Notification Mailing

On or before June 2, 2009 Volkswagen notified all known owners of affected vehicles by first class mail. A sample of the owner letter is enclosed.

Claim Entry Procedure

Immediately upon completion of the repair work, enter the Applicable Criteria ID and Repair Operation(s) from the following chart. **The Applicable Criteria ID is shown in ElsaWeb.** 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.

Saga Claim Entry Procedure

Check ElsaWeb to determine whether the 20P6 campaign is open.

Service No.: 20P6
Damage Code: 0099
Parts Manufacturer: Use vendor code **KTO**.

Sold vehicle = 7 10

Unsold vehicle = 7 90

Accounting Instructions
Criteria I.D. 01 Check fuel pump for marking; No further work required

Repair operation: 0183 00 99 20 T.U.
Criteria I.D. 01 Install fuel tank ventilation valve assembly kit

Repair operation: 2071 55 99 260 T.U.

Qty	Part Number	Description
1	1K0 298 111A	Valve assembly kit
1	1K0 201 797 N	Evap. canister
2	N 105 053 01	Subframe bolt
1	N 907683 01	Spring clip
1	N 102 556 01	23.5mm clamp

AND

Outside Material - Actual cost up to 8 gallons, up to \$28 (USD). Enter the word "FUEL" as the labor operation.

Ensure fuel sale receipt is attached to repair order.

See Fuel Top-Off Goodwill Claiming Procedure on next page for up to four (4) additional gallons of fuel to top-off the customer's fuel tank after the recall work has been completed.

IMPORTANT!

Dealer must obtain Campaign Helpline authorization before installing any consequential parts. If work is done without first obtaining Campaign Helpline authorization, it will be at dealer's expense.

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.

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. ©2009 Volkswagen Group of America, Inc. All Rights Reserved.

Fuel Top-Off Goodwill Claiming Procedure SAGA Claim Entry Instructions

IMPORTANT!

- *A 210 claim can be entered for up to four (4) additional gallons of fuel to top-off the customer's fuel tank beyond the eight (8) gallons allowed on the 20P6/S2 recall claim.*
- *When claiming the additional fuel, it must be entered on a new claim line as a 210 claim type.*
- *The 210 claim cannot exceed four (4) additional gallons of fuel, and must be actual cost (up to \$14.00 (USD)).*
- *Ensure one fuel sale receipt for the entire fuel fill-up (8 gallons allowed under the recall plus up to 4 additional gallons allowed under the 210 claim) is attached to the repair order.*

Dealer may claim the actual cost of fuel up to 4 gallons – up to \$14.00 for fueling vehicle after recall work has been completed:

Claim Type: 210

Service No.: A000

Damage Code: 0010

Vendor Code: K21

Outside Labor Operation: A000000 (TOTAL VALUE NOT TO EXCEED \$14.00 (USD))

CONTINUE TO NEXT PAGE

Customer Letter Example (U.S.A.)

May 2009

**Subject: Safety Recall 20P6/S2
2008 Model Year Volkswagen R32
Fuel Tank Ventilation Valve**

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 2008 model year Volkswagen R32 vehicles. Our records show that you are the owner of one of these vehicles.

What Is The Problem?

When certain driving conditions are accompanied by high ambient temperatures, the fuel tank ventilation valve may not remain fully closed. If this happens, liquid fuel may enter the fuel tank venting system and migrate into the evaporative system, saturating the carbon canister. Should this occur while driving, the vehicle may experience performance issues (i.e., vehicle jerking) and the malfunction indicator lamp (MIL) in the instrument cluster could illuminate. In rare cases, fuel could leak from the evaporative system leak detection pump filter. A fuel leak, in the presence of an ignition source, can lead to a vehicle fire.

What Will Volkswagen Do?

Dealers will install an improved fuel tank ventilation valve assembly kit on affected vehicles.

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 three 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.

Precautions You Should Take

Affected vehicles can continue to be driven as usual, but if you can smell fuel in your vehicle, customers are advised to proceed immediately to the nearest authorized Volkswagen dealer or qualified workshop if they believe that it is safe to do so in order to have the fuel system on the vehicle inspected.

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 tank ventilation valve 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 (20P6/S2)
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>.

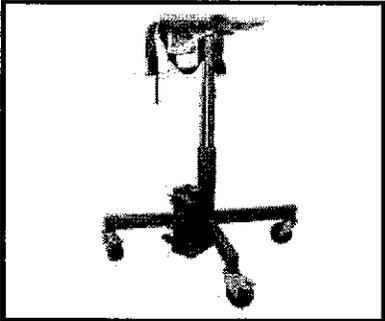
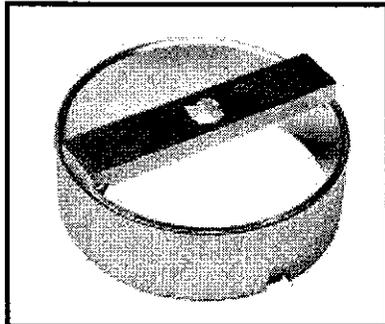
We apologize for any inconvenience this matter may cause; however we are taking this action to help ensure your safety and continued satisfaction with your vehicle. Thank you for driving a Volkswagen!

Sincerely,

Volkswagen Product Compliance

If there are questions regarding the work procedure, contact the Campaign Helpline at 1-800-741-2919.

Required Tools:

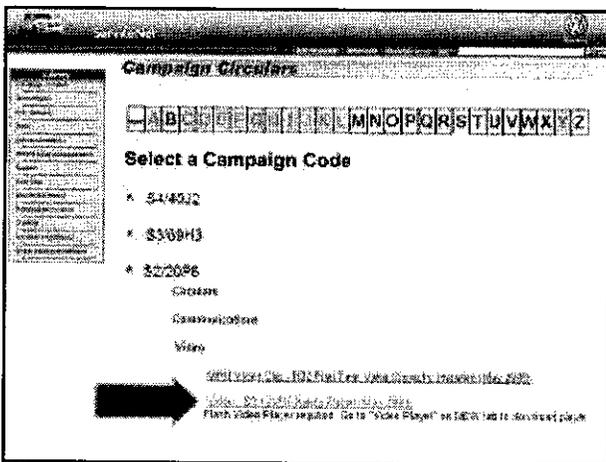
	<ul style="list-style-type: none">• FM3000GH Fuel Storage Cart Non-Leaded (or equivalent)
	<ul style="list-style-type: none">• V.A.G 1383A Engine/Transmission Jack (or equivalent)
	<ul style="list-style-type: none">• T10202 Wrench

The 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. ©2009 Volkswagen Group of America, Inc. All Rights Reserved.

Parts:

<u>Qty.</u>	<u>Part Number</u>	<u>Description</u>
1	1K0 298 111A	Valve assembly kit <u>(Kit Contents:)</u> 1 1J0 919 133G Fuel delivery unit sealing ring 1 1K0 298 111 Valve assembly 1 N 020 9022 Cable tie 1 no p/n Plastic bag
1	1K0 201 797N	EVAP canister
2	N 105 05301	Sub frame bolt
1	N 907 68301	Spring clip
1	N 102 556 01	23.5mm clamp

Work Procedure



Ensure technician has viewed the full-length video for campaign 20P6 on ServiceNet

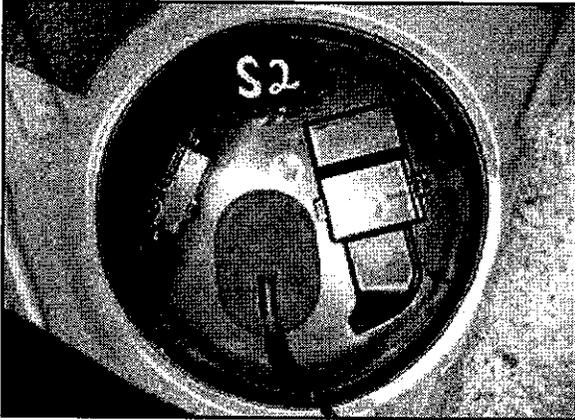
- ← Full-length campaign video is found on ServiceNet under campaign S2/20P6 link
- ← Click on "Video", then select "Video -- S2 / 20P6 Safety Recall (May 2009)" -arrow- to begin viewing

 **Tip:** Flash Video Player is available for download from ServiceNet via Library>Campaign Circulars>Video Player



Section A – Check for Previous Repair

- Open passenger side door and move front seat forward
- Lift front part of rear seat



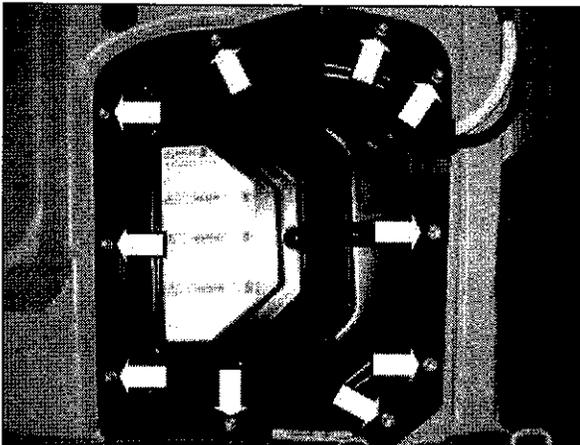
- Pull fabric covering fuel pump and inspect for "S2" marking on fuel pump cover
- If "S2" marking is found, campaign has been done – **WORK IS COMPLETE**
- If "S2" marking is not found, continue to **Section B-**

Section B – Exhaust Removal

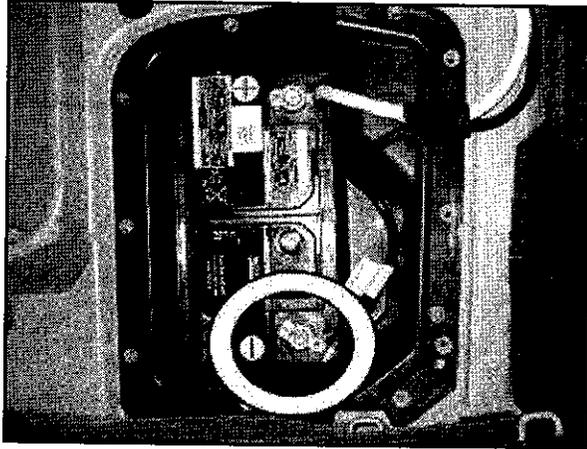


Tip: Prior to disconnecting battery, obtain radio code and presets

- Open rear hatch and lift floor mat
- ⇐ Remove spare tire -1- and foam block -2-



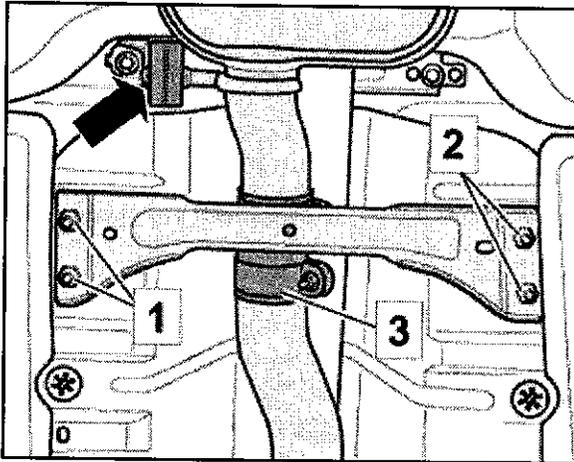
- ⇐ Remove ten bolts -arrows- for battery cover and remove battery cover



- Remove foam block covering battery (not pictured)
- ⇐ Disconnect negative battery ground cable -circle-
- Raise vehicle on hoist

! WARNING:

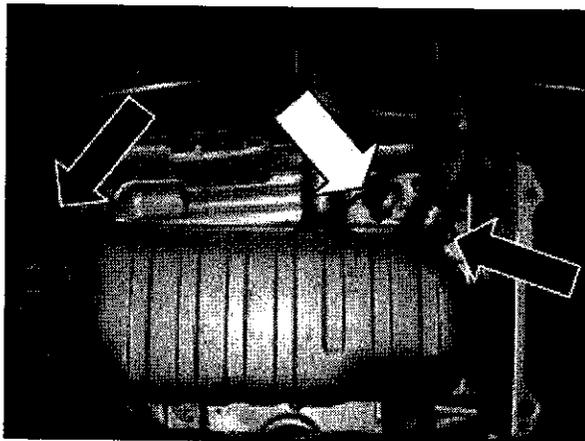
To protect the decoupling elements, secure front part of exhaust system to vehicle underbody with wire before removing mufflers



- ⇐ Remove underbody crossmember by removing nuts -1- and -2-
- ⇐ Remove two nuts for clamping sleeve -3- and slide clamp forward
- ⇐ Separate exhaust from retaining loop -arrow-

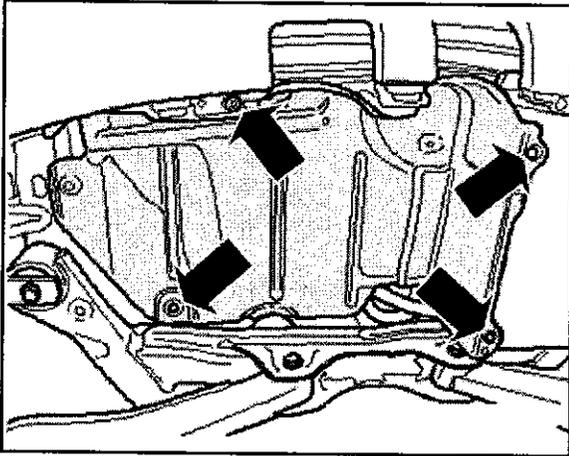
i Tip: Do not bend the flex joints in front of the exhaust pipe more than 20 degrees or they may be damaged

Exhaust system components are not covered under this action

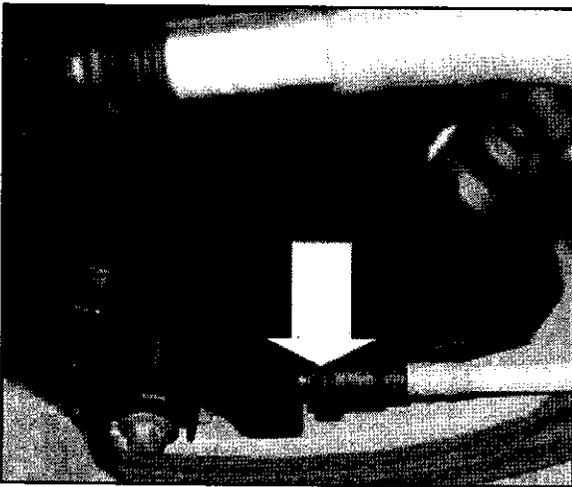


- ⇐ Disconnect vacuum line from exhaust flap vacuum actuator -white arrow-
- ⇐ With aid of another technician or using the V.A.G 1383A Engine/Transmission Jack (or equivalent), remove bolts for rear exhaust hangers -black arrows- and remove center and rear exhaust as an assembly

Section C – Purge EVAP Lines

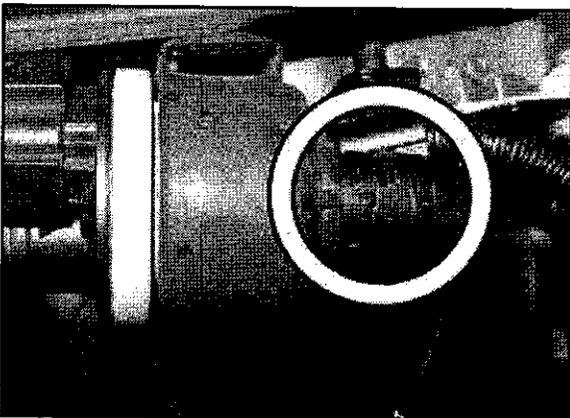


⇐ Remove heat shield for rear exhaust
-arrows-



⇐ Disconnect small line - arrow- from EVAP
canister

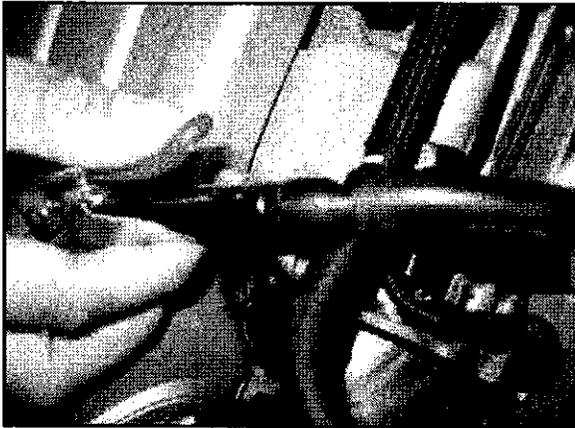
- Lower vehicle on hoist and open hood



⇐ Disconnect clamp -circle- from EVAP canister
purge valve N-80

 Note: Wrap a cloth around lines prior to disconnecting. Liquid fuel may be present

 Tip: This side of N-80 valve leads to EVAP canister – not the engine



- Using dry compressed shop air, purge any debris, fuel or contaminants from line leading to EVAP canister



Note: Liquid fuel may be present

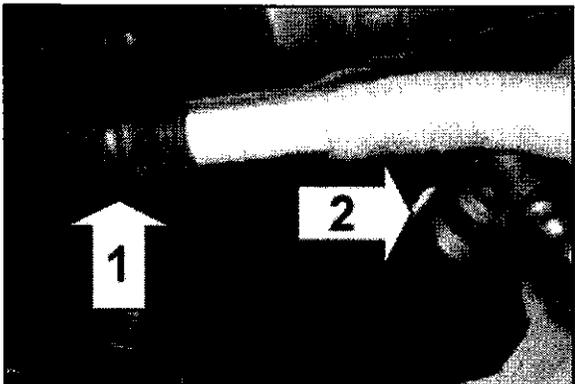
Wrap cloth around end of line prior to purging, if liquid fuel is suspected



- Raise vehicle on hoist
- Using dry compressed shop air, purge any debris, fuel or contaminants from line leading to EVAP canister purge valve N-80

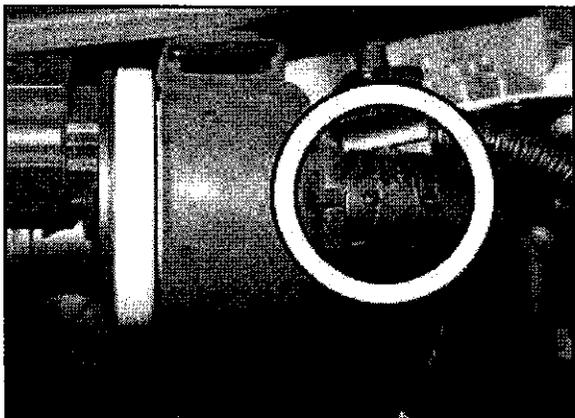


Tip: Leave line disconnected



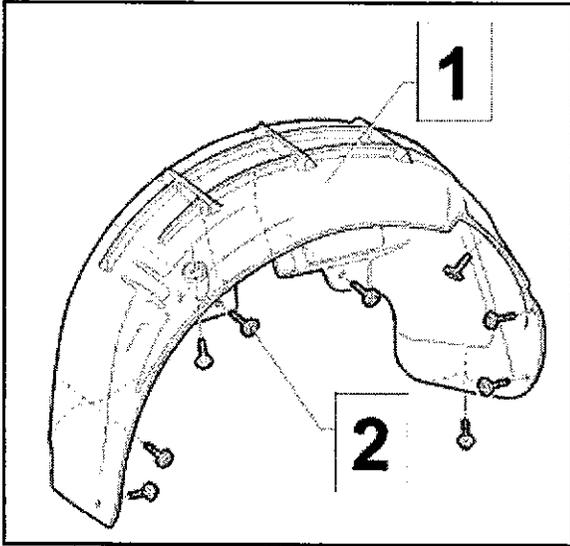
⇐ Disconnect lines -1- and -2- from EVAP canister

- Lower vehicle on hoist



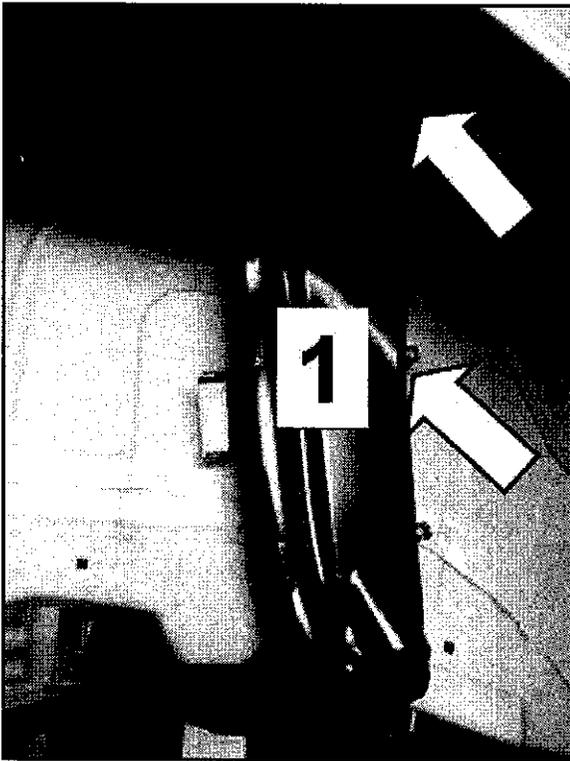
⇐ Reconnect line to EVAP canister purge valve N-80 and install new spring clip -circle- with part number (N 907 683 01)

- Close hood
- Retrieve wheel lock key from trunk
- Raise vehicle on hoist

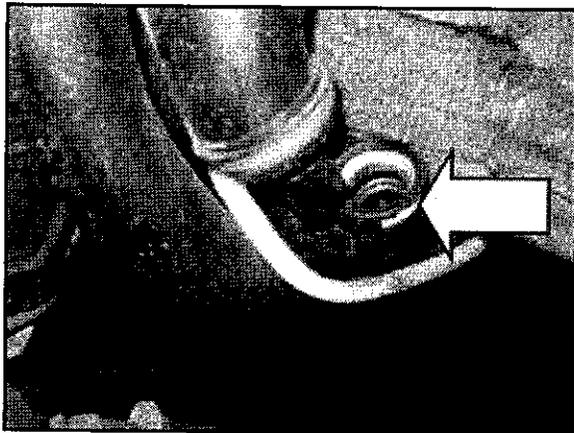


Ensure technician has viewed the full-length video for campaign 20P6 on ServiceNet

- Remove right rear (passenger side) wheel (illustration shows left rear)
- ⇐ Remove screws -2- (qty. 9)
- Remove right rear (passenger side) wheel housing liner -1-



- ⇐ Remove two screws -arrows- and remove tank protection plate for filler neck cover -1-



⇐ Disconnect connector at base of filler neck by pushing in on white bar -arrow-

- Drain any residual fuel from area by tilting line downward

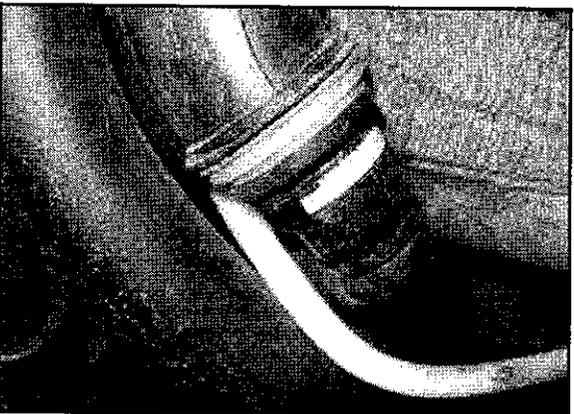
Note: Do not use shop air on line -arrow-, as line leads to fuel tank and it can result in damage to fuel tank
Damage to fuel tank is not covered under this action



- Wrap cloth around connection at bottom of filler neck

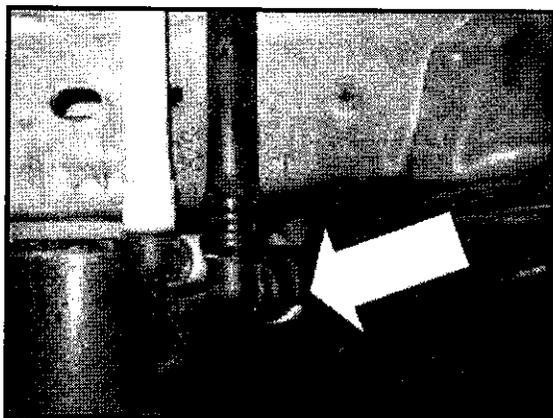
⇐ Disconnect connector at top of filler neck by pushing in on two black holding rings -as pictured- and pulling downward

Tip: Liquid fuel may drain from bottom of filler neck

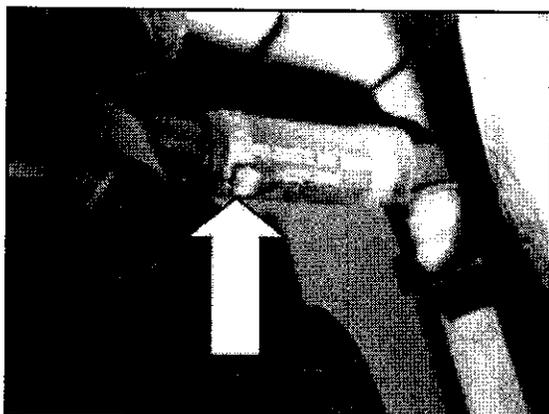


- Reinstall connector at base of filler neck until it clicks

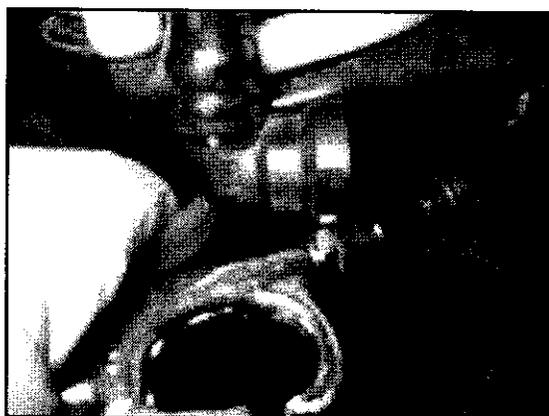
Tip: Ensure connector is properly seated by pulling downward



← Disconnect black line to LDP at connector
-arrow- at base of wheel housing



← Remove clamp -arrow- from LDP side of line
and disconnect rubber line from LDP



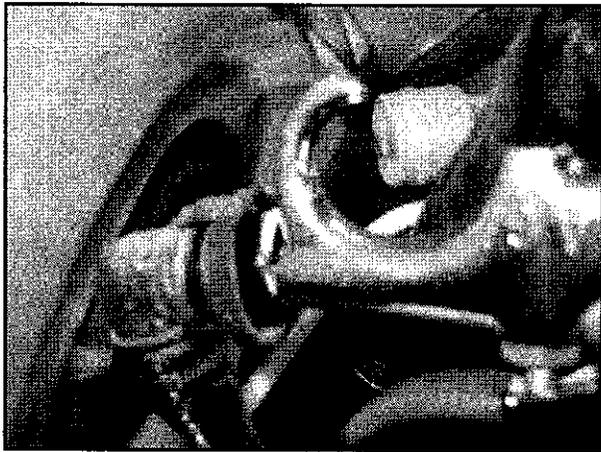
- Using dry compressed shop air, purge any debris, fuel or contaminants from the black line at the base the wheel housing leading to EVAP canister



Tip: Purge line in both directions



Note: Liquid fuel may be present. Wrap cloth around end of line prior to purging, if liquid fuel is suspected



- ⇐ Using dry compressed shop air, purge any debris, fuel or contaminants from the black line at top of the filler neck that leads to bottom of wheel housing

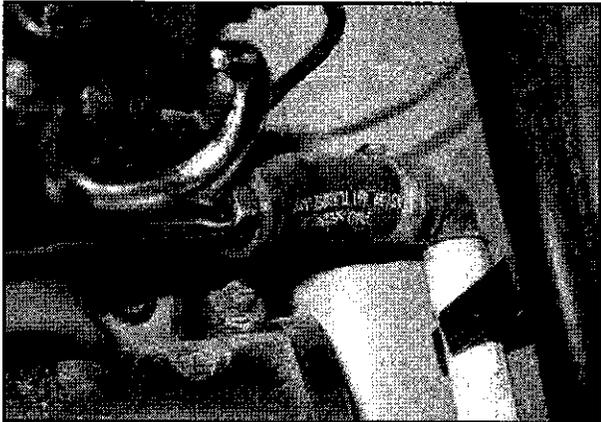


Tip: Purge line in both directions

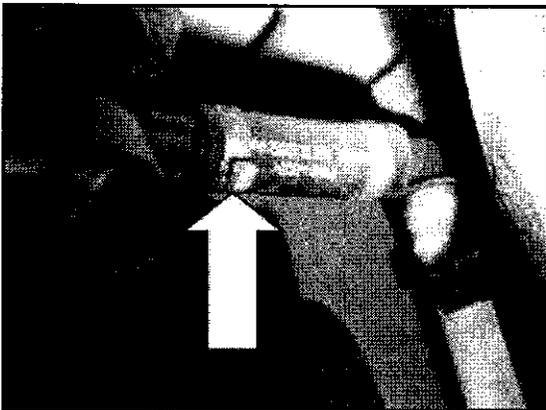
- Reinstall connectors until they “click”



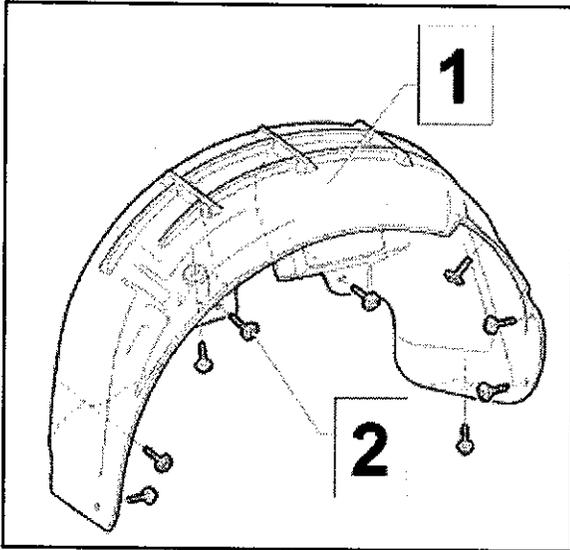
Tip: Ensure connectors are properly seated by pulling downward



- Using dry compressed shop air, purge any debris, fuel or contaminants from the line coming out of the LDP leading to the EVAP canister

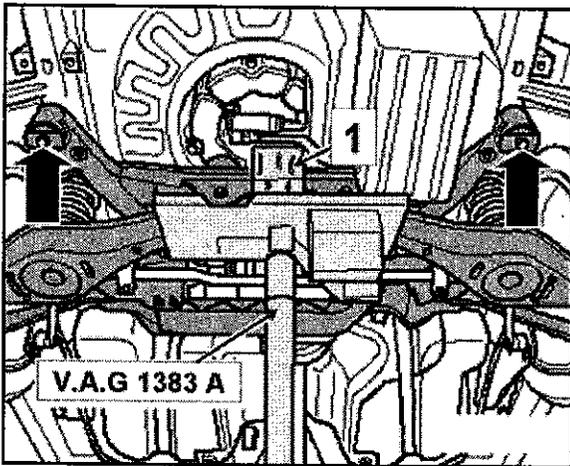


- ⇐ Reinstall hose with new 23.5mm clamp (N 102 556 01) -arrow-



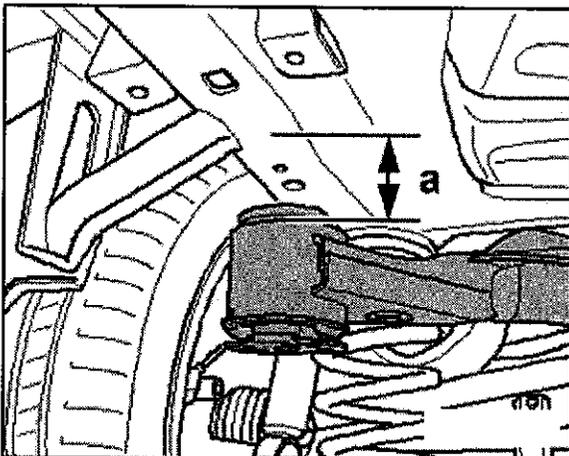
NEW

- Reinstall tank protection plate for filler neck cover
- ⇐ Reinstall right rear (passenger side) wheel housing liner -1- (illustration shows left rear)
- ⇐ Reinstall screws -2- (qty. 9)
- Reinstall right rear (passenger side) wheel



Section D – EVAP Canister Removal

- Place engine/transmission jack V.A.G 1383A under rear axle
- ⇐ Place a block of wood -1- between engine/transmission jack V.A.G 1383A and sub frame
- ⇐ Remove rear bolts -arrows- at left and right of sub frame one at a time
- ⇐ Slowly lower sub frame using engine/transmission jack V.A.G 1383A until distance between sub frame and body achieves the dimension -a-

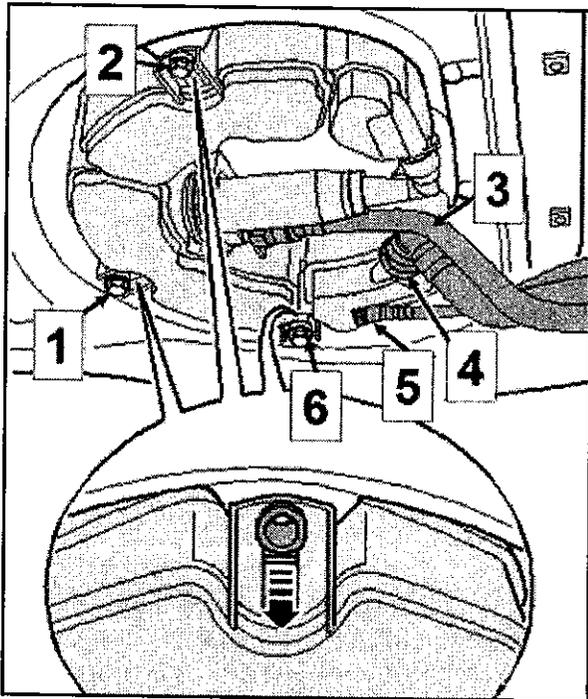


Tip: Dimension -a- 45 to 50 mm



Note: Do not allow rear sub frame to hang unsupported

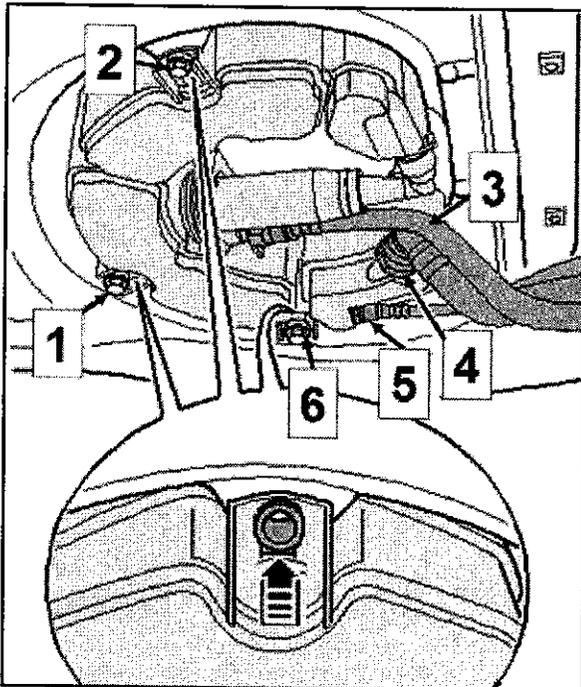
Damage caused by allowing sub frame to hang unsupported will not be covered under this action



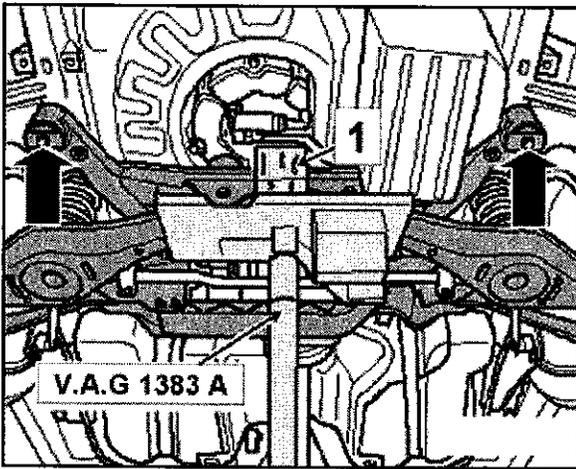
Tip: Lines -3-, -4- and -5- should already be disconnected

- ⇐ Remove bolts -1-, -2- and -6-
- ⇐ Release retaining tabs in -direction of arrow- with a screwdriver and remove EVAP canister

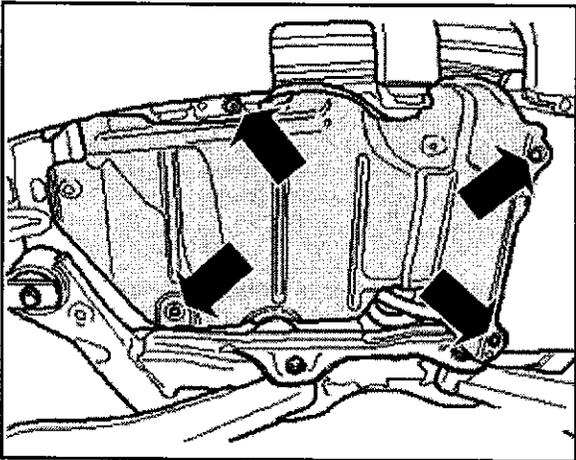
Section E – EVAP Canister Installation



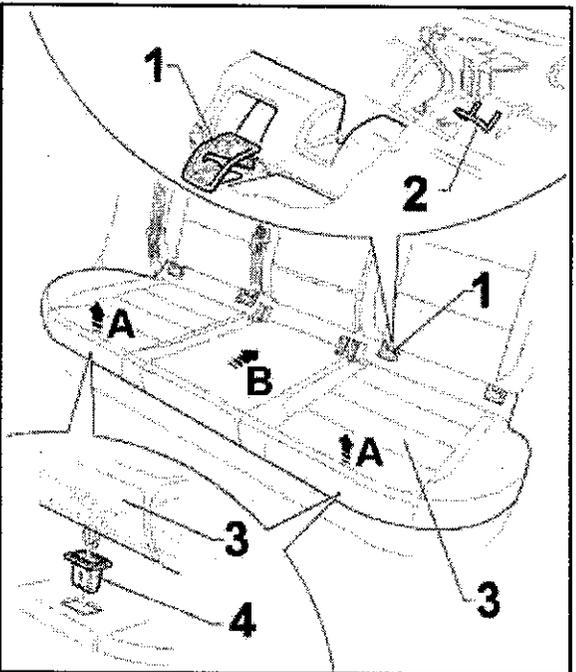
- ⇐ Install new EVAP canister into place and push retaining tabs in -direction of arrow-
- ⇐ Reinstall bolts -1-, -2- and -6- and torque to 8 Nm (6 lb-ft)
- ⇐ Reconnect vent lines -3-, -4- and -5- until they engage audibly with a “click”



- Raise rear sub frame into place
- ⇐ Install new bolts -arrows- and torque to 90 Nm (66 lb-ft) + 90° additional turn
- Remove engine/transmission jack V.A.G 1383A and remove block of wood -1-

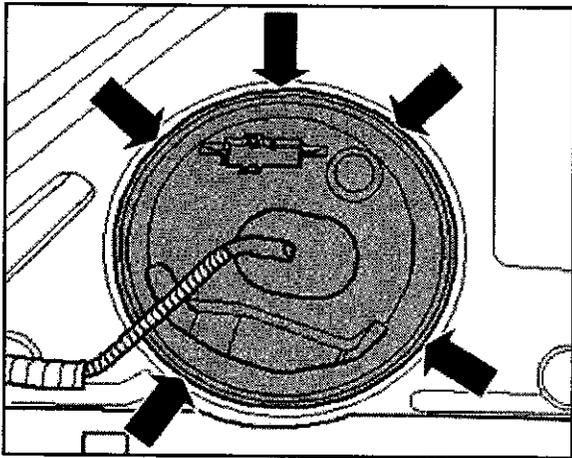


- ⇐ Reinstall heat shield and tighten bolts -arrows-
- Lower vehicle on hoist



Section F – Fuel Delivery Unit Removal

- ⇐ Unclip four guides -1- from child seat anchors -2-
- ⇐ In front area, pull seat bench -3- upward out of two mounts -4- arrows -A-
- ⇐ Push seat bench toward rear -arrow B-
- In rear area, pull seat bench upward
- Remove rear seat bench from vehicle



Tip: Prior to working on fuel system, remove fuel from vehicle using FM3000GH fuel storage cart, non-leaded (or equivalent)

- Remove fuel from vehicle leaving approximately 1 to 2 gallons in tank



Note: Prior to working on fuel system disconnect Ground cable at the battery

- Remove cover from fuel delivery unit located on passenger side of vehicle

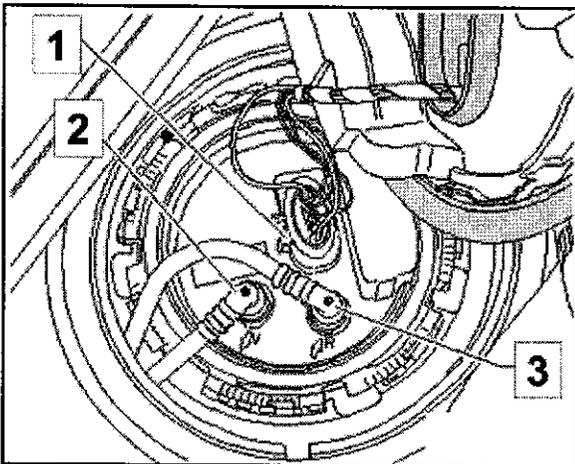


WARNING:

Fuel system is under pressure!

Wear protective goggles and protective clothing to prevent injuries or contact with skin

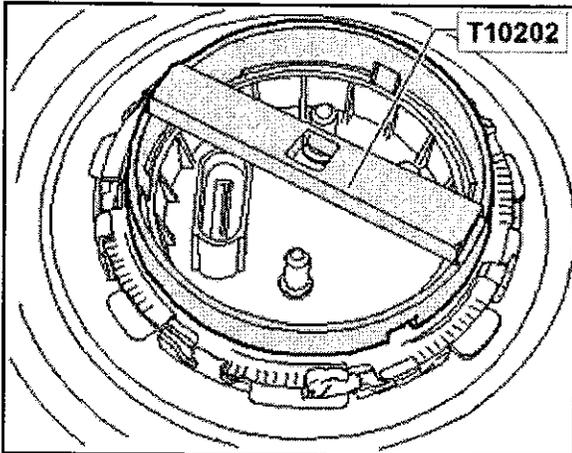
Before removing from hose connection wrap a cloth around the connection; then release pressure by carefully pulling hose off of connection



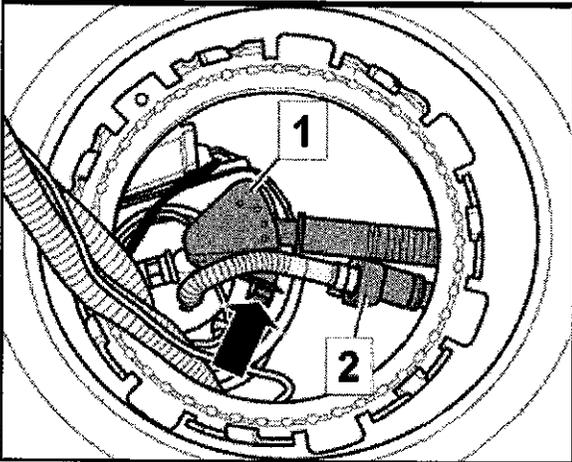
- ← Remove connector -1- and fuel lines -2- and -3- from the flange



Tip: Press in securing ring to disengage fuel lines

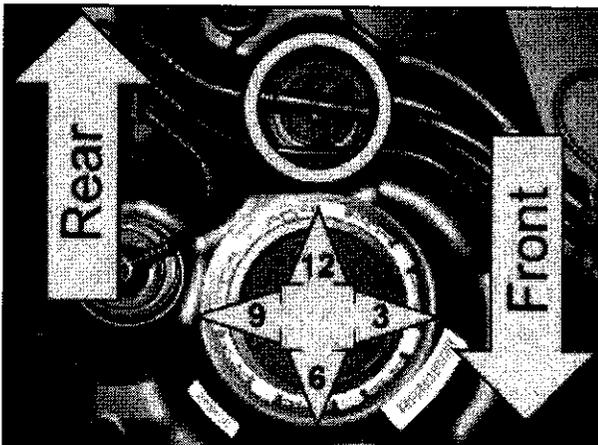


- Remove locking ring with wrench T10202
- Pull right sealing flange and fuel delivery unit seal out from opening in fuel tank and lay aside with lines still attached



NEW

- ⇐ Through the fuel tank opening, separate the suction jet pump pipe -2- from the suction jet pump, by pressing the release button
- ⇐ Disconnect the fuel delivery line -1- by pressing the release -arrow-
- ⇐ Remove the fuel delivery unit



Section G – Valve Assembly Removal/Installation

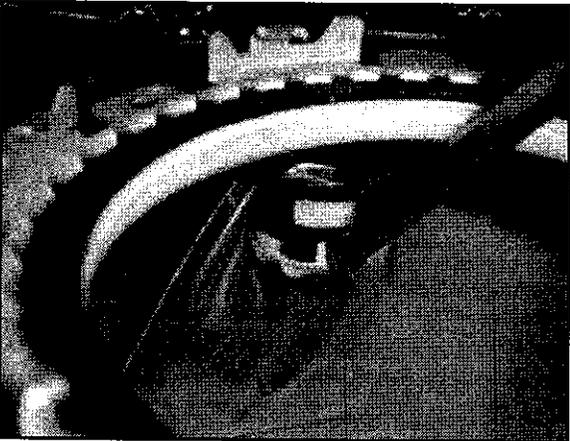
NEW



Tip: Valve -circle- is located on passenger side at the 12 o'clock position and about 10 cm from the edge of the fuel pump assembly ring as you face the rear of the vehicle.



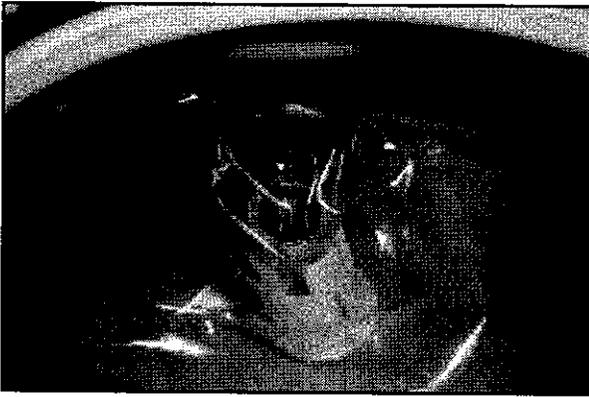
- ⇐ Place bag over rollover valve on passenger side of tank (as illustrated) using cable-tie wrap



- NEW**
- ⇐ Place screwdriver in slot and against the fuel pump assembly ring (as pictured)
 - ⇐ Remove valve by striking down with moderate tapping force on the lower (white) part of valve

Note: STRIKE ONLY IN LOCATION SHOWN in picture
Damage to fuel tank will occur if different striking location is used

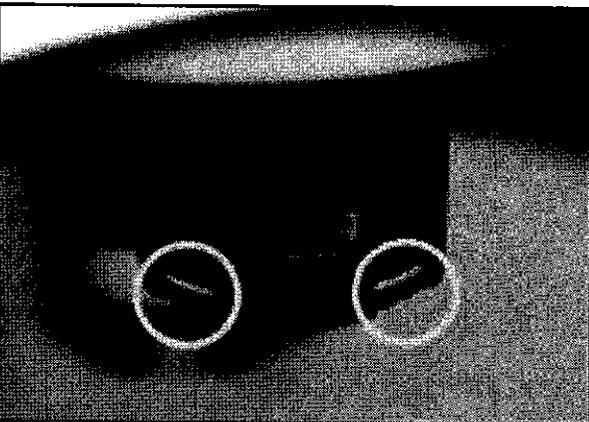
Note: DO NOT pry on the side of the valve. Prying on the side of the valve will result in damage to fuel tank



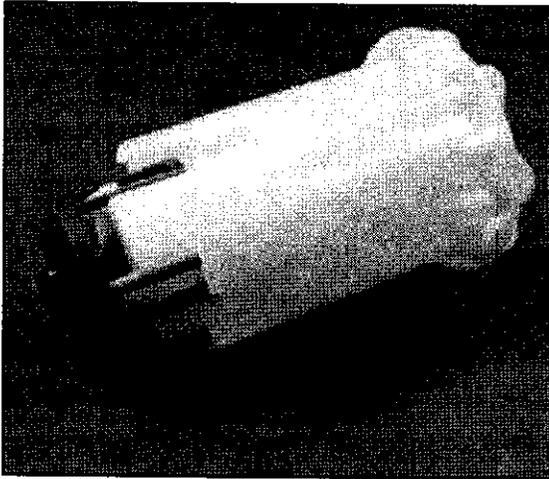
Tip: After removing valve, contents will fall into bag



- Cut zip-tie and remove bag and contents from fuel tank
- Inspect contents of plastic bag. If bag contains any **pieces of black plastic**, contact Campaign Helpline at 1-800-741-2919
- Inspect and remove any debris that may have fallen into the tank. **If black plastic pieces are found**, contact Campaign Helpline at 1-800-741-2919



- Inspect valve housing in fuel tank for damage. If damage is found contact Campaign Helpline at 1-800-741-2919
- ⇐ Ensure all four retaining tabs are intact -circles- (two not pictured). If damage is found contact Campaign Helpline at 1-800-741-2919



Ensure technician has viewed the full-length video for campaign 20P6 on ServiceNet

← Prepare new valve assembly



Tip: Valve assembly = valve, cage and spring



• Insert new valve assembly into tank



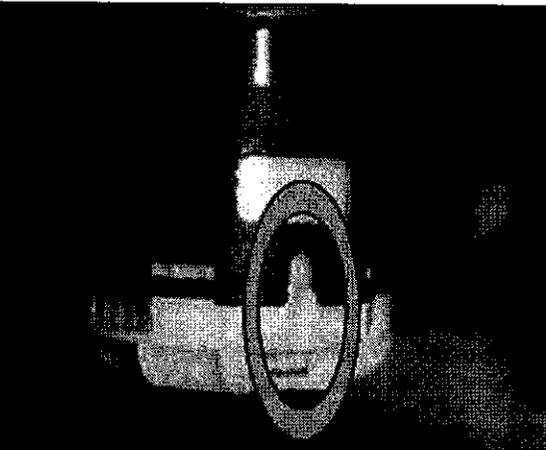
Tip: Valve assembly must be installed dry
DO NOT use any lubricant on valve



← Carefully slide new valve assembly into position keeping alignment of cage (white piece) to housing (black piece) parallel to each other



Note: If alignment is not kept straight, fingers of the cage will prevent valve from functioning properly

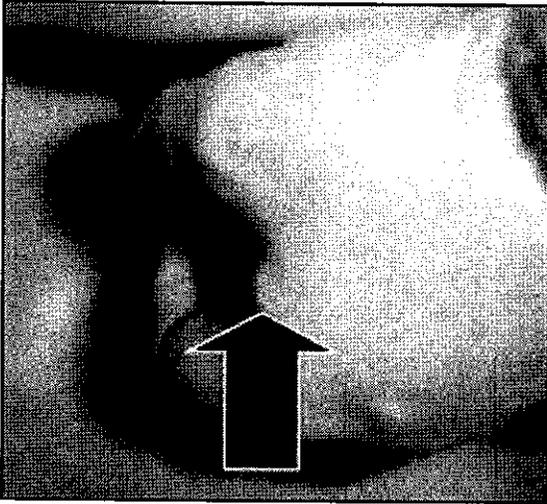


NEW



Note: Alignment tabs in valve and housing -circle- MUST line up before pushing valve into housing

FAILURE TO ALIGN TABS PROPERLY WILL RESULT IN FUEL TANK DAMAGE



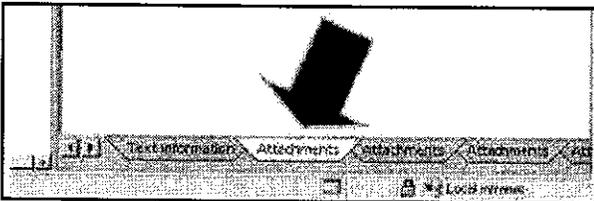
← Push valve securely upward into retainer
-arrow-

 Tip: Seating of the valve is confirmed by an audible “click”

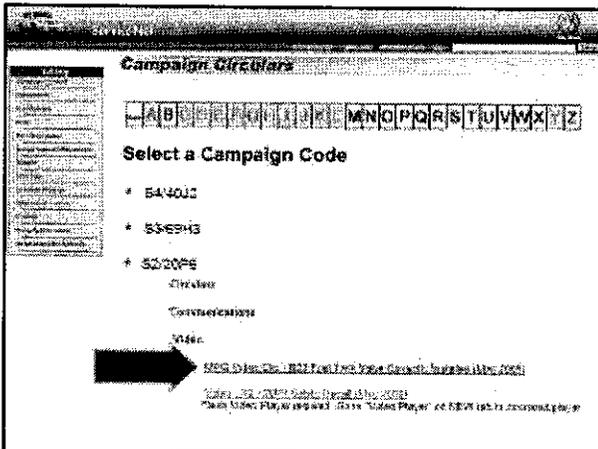
Ensure technician has viewed the short video clip for the 20P6 campaign showing a properly installed valve

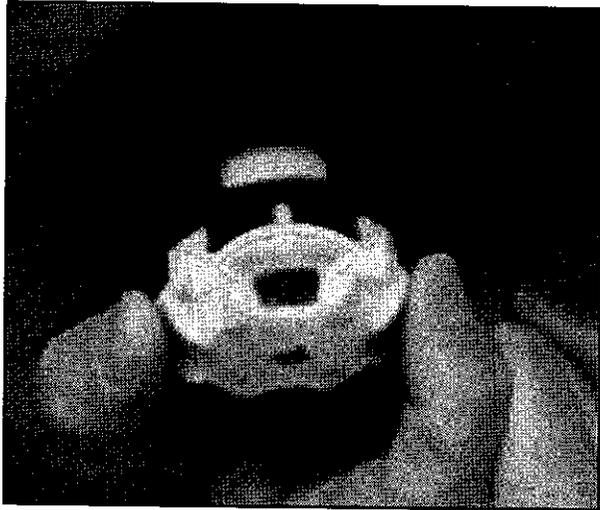
- To view short video clip of a properly installed valve:

← In ElsaWeb, click on the “Attachment” tab -arrow-



← In ServiceNet under the S2/20P6 link → Video → “MPG Video Clip – R32 Fuel Tank Valve Correctly Installed (May 2009)” -arrow-





← Using only one or two fingers (as shown), and light side-to-side rotating motion, ensure valve assembly rotates easily in housing

NEW



Tip: Valve should easily rotate approximately 1 to 2 mm from side to side with no resistance as shown in short video



Note: If valve assembly is difficult to rotate or cannot be rotated easily with one or two fingers, perform **Section G** again, using new valve and cage assembly.

NEW

For authorization, call Campaign Helpline at 1-800-741-2919

Section H - Fuel Delivery Unit Installation

- Carefully reinstall fuel delivery unit



Note: When reinstalling fuel delivery unit, be sure not to bend fuel level sensor

Damage to fuel level sensor is not covered under this action

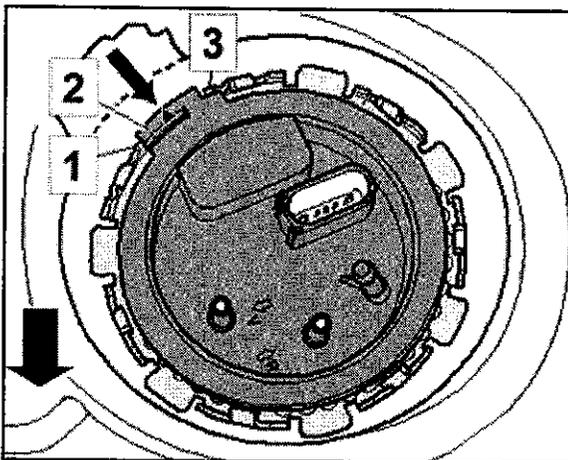
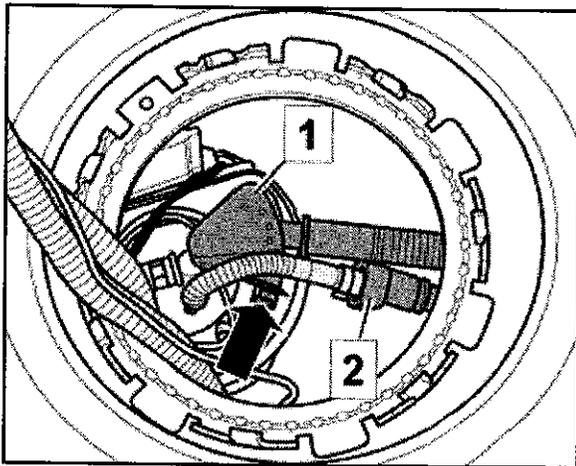
- Insert dry new sealing ring of fuel delivery unit into opening of fuel tank



Tip: Only coat seal with fuel when installing fuel delivery unit

← Reconnect fuel delivery line -1- until you hear an audible "click"

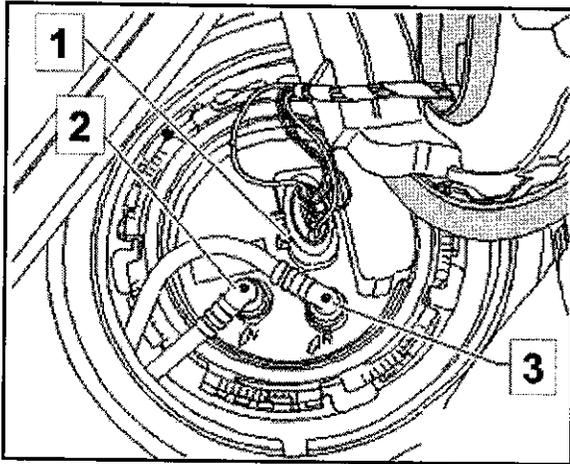
← Reconnect suction jet pipe -2- to suction jet pump until you hear an audible "click"



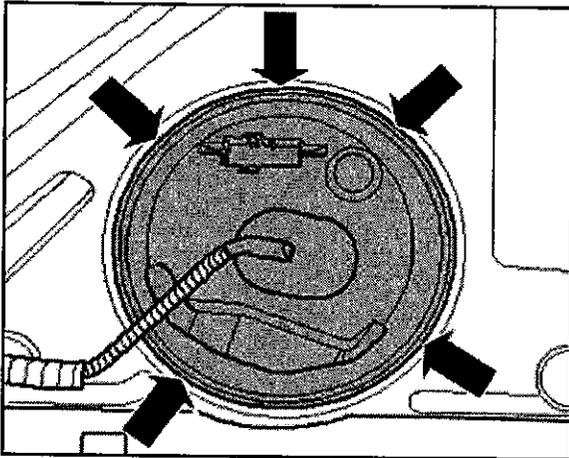
← The tab -2- on locking flange faces toward the arrow marking and must lie between tabs -1- and -3- on fuel tank



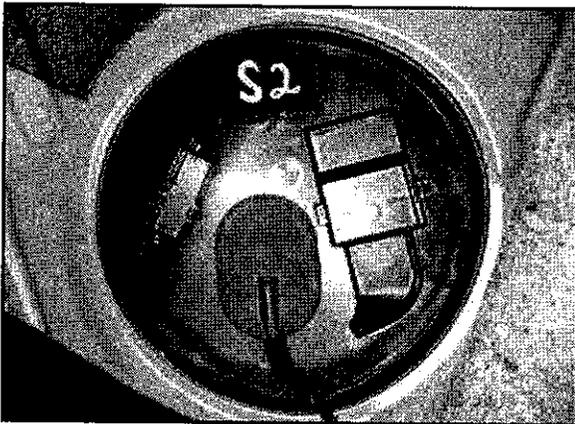
Tip: -arrow- points in direction of travel



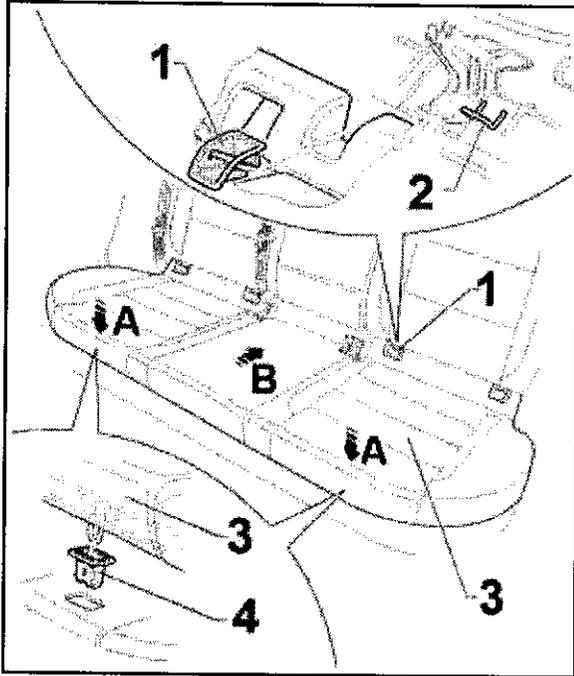
⇐ Reinstall connector -1- and fuel lines -2- and -3- onto the flange



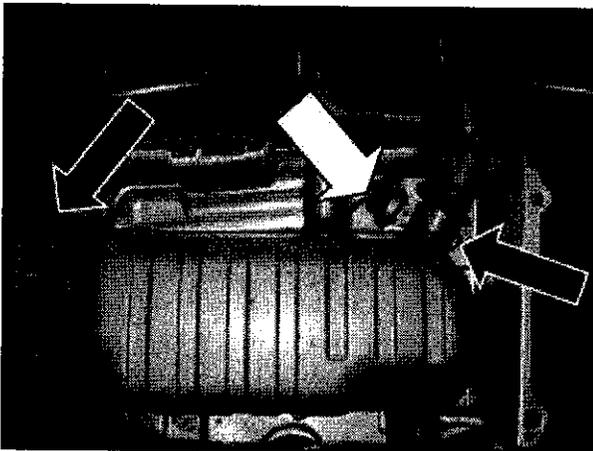
⇐ Reinstall cover for fuel delivery unit



⇐ Use paint pen to mark "S2" on fuel pump cover as pictured

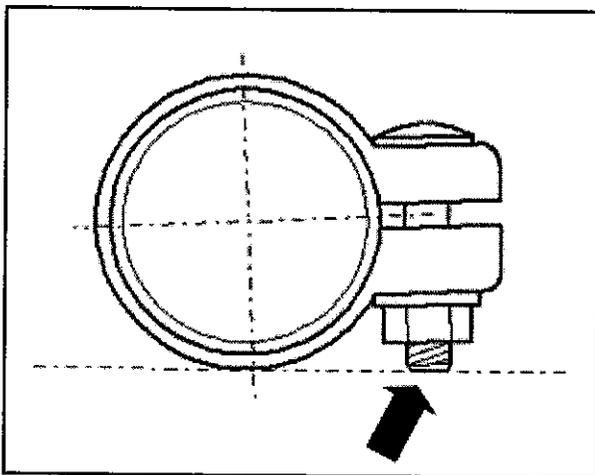


- Reinstall rear seat bench into vehicle
- ⇐ Push seat bench toward rear -arrow B-
- ⇐ In front area, push seat bench -3- downward into two mounts -4- arrows -A-
- ⇐ Reinstall four guide clips -1- onto child seat anchors -2-

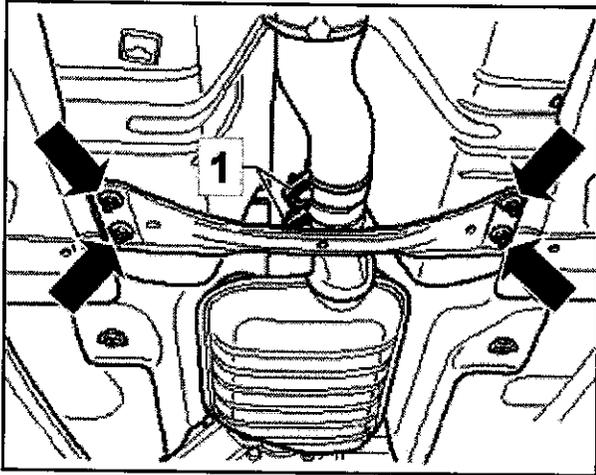


Section J - Exhaust Installation

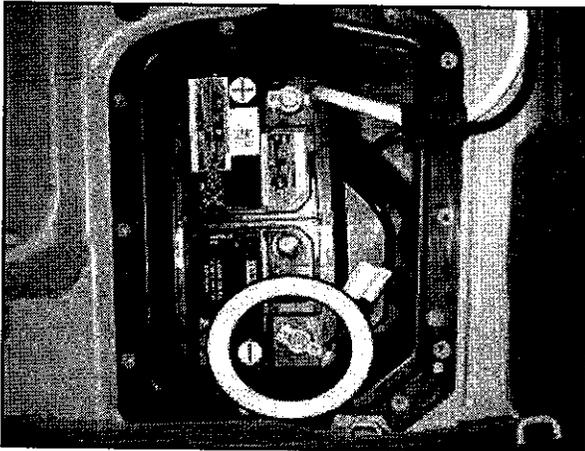
- Using the aid of another technician or using the V.A.G 1383A Engine/Transmission Jack (or equivalent), raise exhaust assembly into position for reinstallation
- ⇐ Reinstall bolts for rear exhaust hangers -black arrows- and torque to 25 Nm (18 lb-ft)
- ⇐ Reconnect vacuum line to the exhaust flap vacuum actuator -white arrow-



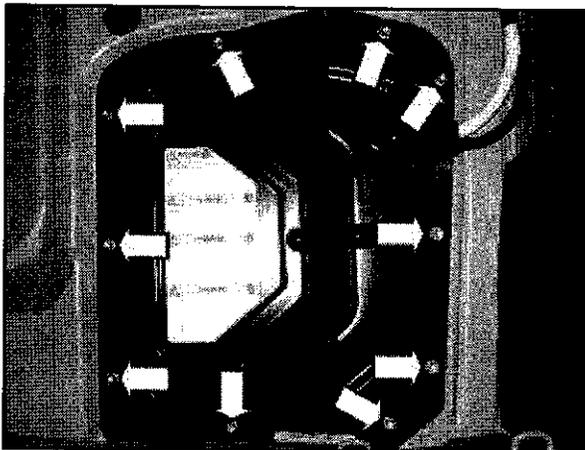
 **Tip:** Pay attention to the clamping sleeve position. The ends of the bolts must not protrude beyond the lower edge of the clamping sleeve



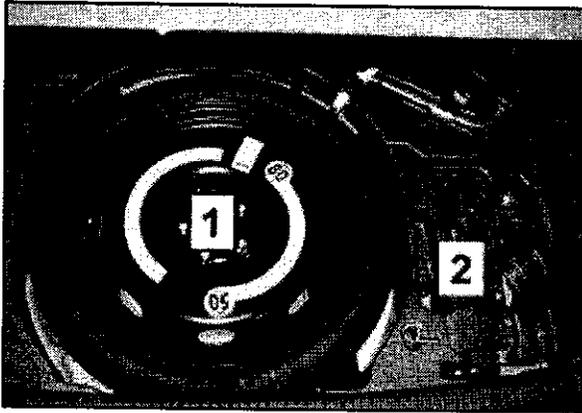
- ⇐ Slide exhaust assembly onto clamping sleeve
-1-
- ⇐ Reinstall crossmember and bolts -arrows-
- Tighten clamping sleeve connections to 25 Nm (18 lb-ft)
- Lower vehicle on hoist



- ⇐ Reconnect negative battery Ground cable
-circle- and torque to 6 Nm (4 lb-ft)
- Reinstall foam block covering battery (not pictured)



- ⇐ Reinstall battery cover with ten bolts -arrows- for battery cover and torque to 10 Nm (7 lb-ft)



← Replace spare tire -1- and foam block -2-

- Replace wheel lock key
- Close rear hatch



Tip: Ensure radio presets are correct according to customer preference



Note: After connecting the battery and switching on the ignition, the ASR/ESP Control Lamp – K155 and Electro-mechanical Power Steering Indicator Lamp light up continuously. Control lamps go out automatically when vehicle is driven a distance straight ahead at 15 to 20 km/h. This re-activates Steering Angle Sensor – G85

- Switch on ignition using ignition key or start button and switch off again
- Read DTC memory and clear faults
- Check clock time setting and set correctly, if necessary
- Open and close windows to each end stop respectively
- With window closed, pull window switch up until relay switches audibly
- Check comfort switching of power window. While comfort switching is operated, window must close

Section K – Fuel Filling Test

- Drive vehicle to fuel filling station



Tip: Before beginning trip, ensure enough fuel is present in tank to arrive safely at fuel filling station



Note: Do not use fuel cart FM3000GH Fuel Storage Cart Non-Leaded (or equivalent) to completely fill fuel tank

Verification of proper fuel filling must be done with standard commercial fuel station equipment in order to simulate the customer experience

- Fill vehicle completely with fuel from a commercial fuel filling station pump, taking note of any difficulties with filling (must have a minimum of 8 gallons of fuel)



Tip: Fuel tank capacity is 12 gallons

- If difficulties with filling are present, call Campaign Helpline at 1-800-741-2919
- If fuel filling test is normal, after returning to the shop and with vehicle at normal operating temperature, run Basic Settings, Test 71 three times. Remove and install fuel cap between each test
- If test fails, check for EVAP leaks and run tests again
- If test continues to fail, call Campaign Helpline at 800-741-2919
- If test is successful, **WORK IS COMPLETE**
- Destroy and properly dispose of removed parts in accordance with local, state and federal/provincial environmental regulations