



Important!

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Technical Bulletin

Subject: **Airbag Monitoring Light ON, Passenger Occupant Detection System, DTC 02511 014 Stored in Memory**

Group: **01**

Number: **05-07**

Model(s): **See Table Below**

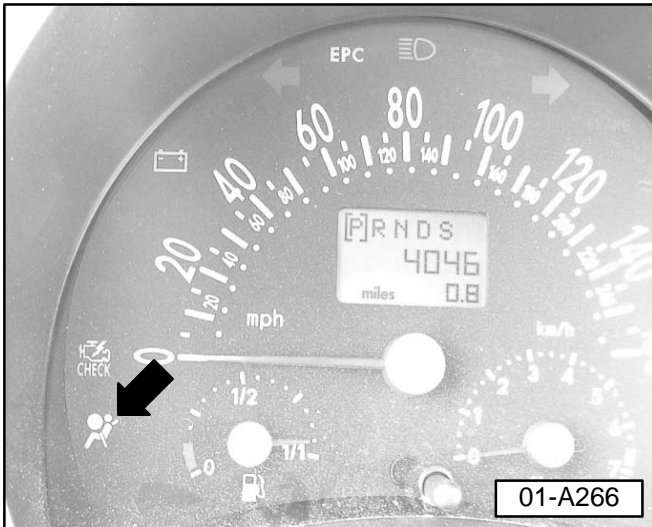
Model Year **► See Table**

Date: **May. 23, 2005**

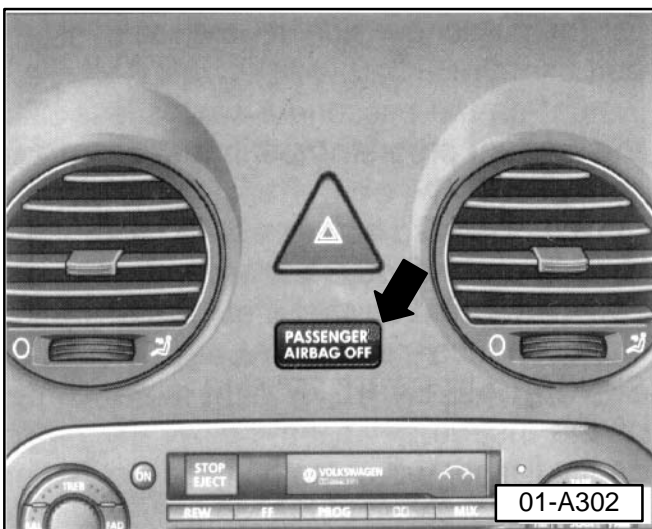
Supersedes T.B. Group 01 number 04-17, dated Aug. 24, 2004 due to change in technical information and new flash procedure.

Condition

◀ After switching ignition ON, Airbag Monitoring indicator light stays illuminated and DTC 02511 014 "Seat Occupied Recognition Control Module Fault" is stored in DTC memory.



Model	Model Year
New Beetle, New Beetle Convertible	2004-2005
Touareg	2004-2005
Phaeton	2005



- ◀ "PASSENGER AIRBAG OFF" indicator light, in the center of the instrument panel, will stay illuminated during the first key-ON cycle.
- Airbag control module will disable the passenger airbag module during the first key-ON cycle when this DTC is stored to memory, and the "PASSENGER AIRBAG OFF" indicator will alert occupants that the airbag has been disabled.
 - "PASSENGER AIRBAG OFF" indicator will continue to operate properly during this fault.



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Technical Bulletin

- During the ignition cycles following the occurrence, the status light indicated the occupant status of the passenger seat properly. The passenger airbag system operates according to manufacturer specifications during the following key-ON cycles, however, the “Airbag Monitoring” indicator light in the instrument cluster remains illuminated indicating a DTC stored in DTC memory.



Tip:

Diagnostic Trouble Code 02511 014 can be caused by rapid movement of seat during first 10 seconds after ignition has been turned ON.

Service

Do not replace any components until the following has been performed.



Tip:

Before working with PODS system, make note of wiring and hose routing for reassembly.

Prior to performing the following procedure:

WARNING
<i>When working on ANY airbag system, ALWAYS read and follow Repair Manual WARNINGS, Precautions, Notes and Tips!</i>
WARNING
<i>Static electricity may result in involuntary deployment of the airbag. The technician must grasp a metal body component before disconnecting the ignition and ground (GND) wires.</i>

See Repair Manual, Repair Groups 69 and 72, for detailed information).

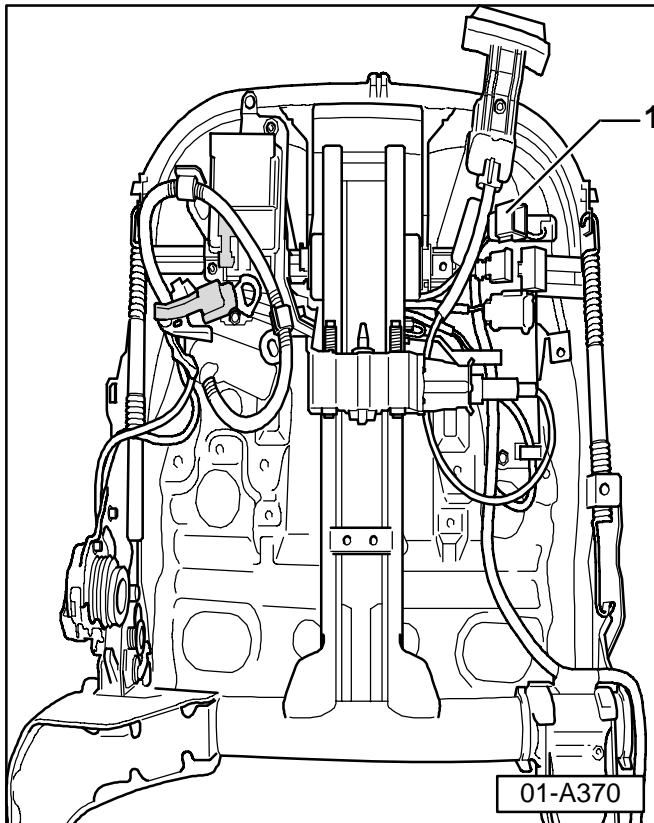
The following software “flash” will address the concern, following the procedure below.



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Technical Bulletin



- Connect the VAS 5052 tester to the vehicle.
- Verify that the airbag indicator light is illuminated and that code "02511 014"- Seat Occupant Recognition Control Module Faulty is stored in Air Bag -15-.
- Turn the ignition OFF.
- Connect VAS tester serial port RS-232 and cable VAS 6103/2 with Cable VAS 6103.



Tip:

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

Do Not remove the seat from the vehicle for the flash procedure.

- Move the passenger seat into the upright position with the height adjustment fully upward.



- Identify the Seat Occupant Recognition Module connector (1) under the right front edge of the seat.

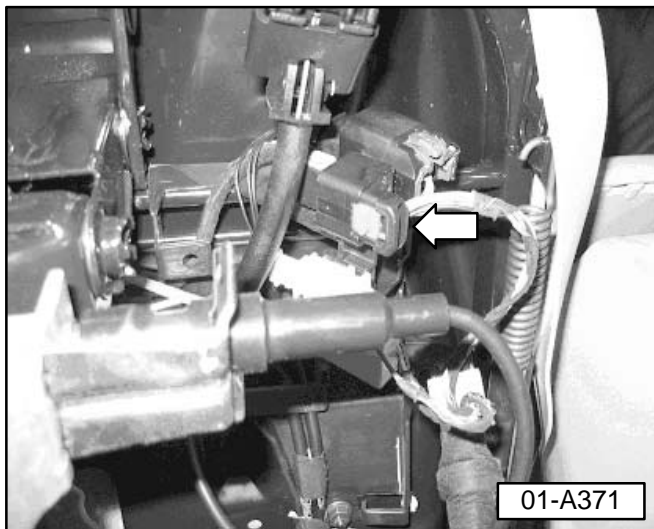


Tip:

The Seat Recognition Module connector is held in place by a push pin. To assure proper connector separation and connection to VAS 6103/2 cable, separate the module connector from the seat before separating the connector halves.



- Disconnect black Seat Occupant Recognition Module harness connector from bracket.

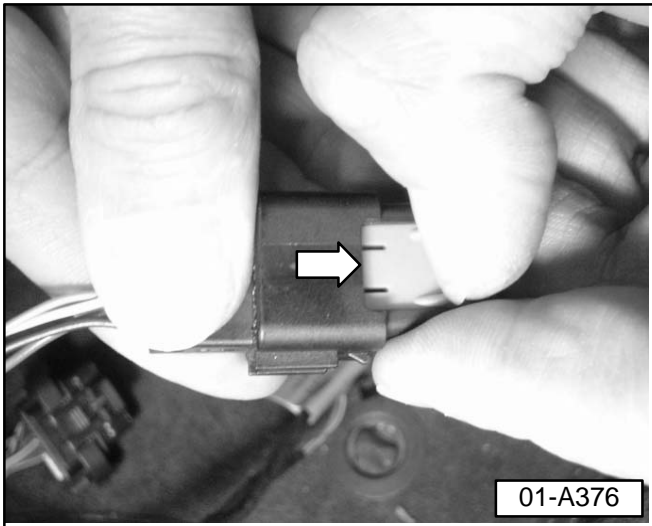




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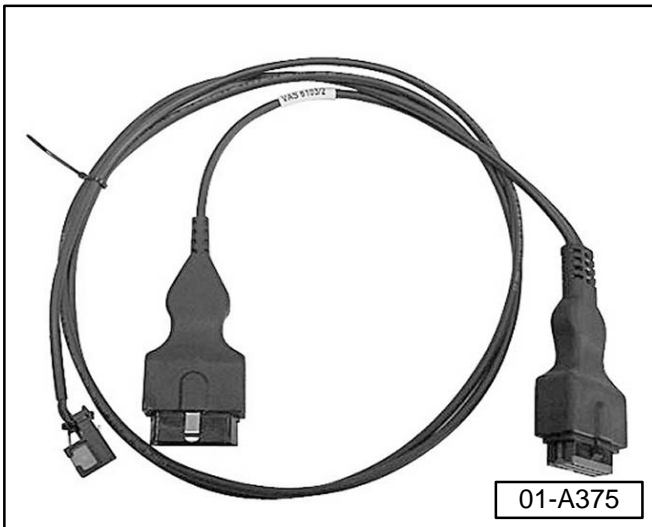
Technical Bulletin



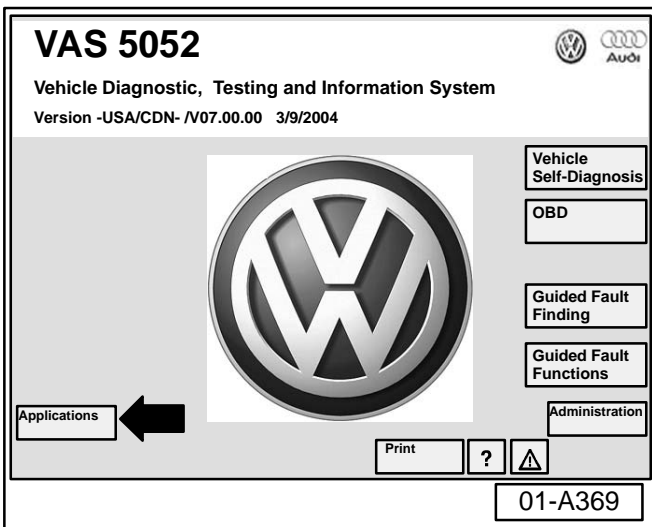
Tip:

Care must be taken not to disengage 10 amp seat heater fuse from fuse holder.

- ◀ - With connector in both hands, slide locking clip rearward and separate connector halves.



- ◀ - Connect 10 pin connector from VAS 6103/02 with black seat harness connector.
- Verify all connections are properly secure.
- Insert ACTION 695603 CD, Part No: W42DTC02511014, into CD drive of VAS 5052.



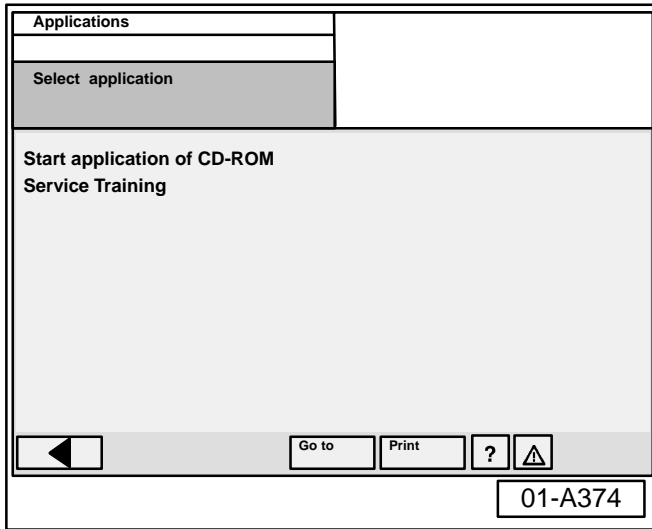
- ◀ - Select "Applications".



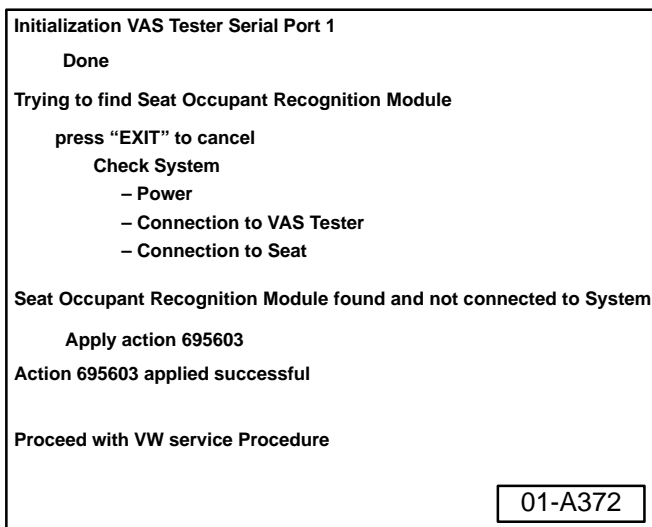
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Technical Bulletin



- ◀ – Select “Start application from CD-Rom” from applications menu.
- Follow instruction on the screen.



- ◀ If software flash has been performed successfully, a similar screen will appear in VAS 5052 display.

If red “ERROR” indicator on the VAS 5052 screen is highlighted, check all connections, restart application by pressing “EXIT” and begin procedure again.

**Tip:**

If indicator stays on “ERROR” after 3 attempts, a service kit must be ordered to replace POD system. For ordering information, please contact the VW helpline.

- If ACTION 695603 has already been performed or indicator “DONE” shows that software update has been performed successfully, press “EXIT”.

- Connect and lock Seat Occupant Recognition Module connector, return connector with push pin back into proper position, and secure.

**Tip:**

Care must be taken not to disengage 10 amp seat heater fuse from fuse holder.

- Disconnect the VAS 6103/2 and VAS 6103.
- Turn the ignition ON.



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Technical Bulletin

Vehicle Self - Diagnosis		15 - Airbag
02 - Interrogate fault memory	Component Part number	
3 Faults / notes detected	Component description	
		Coding XXXXX
		Dealership number XXXXX
02511	010	Ambient Requirements
Seat Occupied Recognition Control Module		
Open circuit/short circuit to B+ sporadic		
02511	004	
Seat Occupied Recognition Control Module		
no signal/communication sporadic		
02276	008	
Seat Occupied Recognition Control Module		
implausible signal sporadic		
<input type="button" value="Go to"/> <input type="button" value="Print"/> <input type="button" value="?"/> <input type="button" value="⚠"/>		
		01-A373

← - Navigate to Vehicle Self Diagnosis 15-Airbag, interrogate the fault memory and erase the fault codes.

- Connect the VAS tester with the VAS 5052/3 diagnostic cable, to the Data Link Connector.



Tip:

After performing the re-programming procedure you will store fault codes for the POD system. These codes can be erased.

When procedure applies to vehicles within the New Vehicle Limited Warranty, use the following:

Claim Type:	W2
Part Identifier:	6956
Damage Code:	6956 39 000 1
Diagnostic Time:	No Diagnostic Time Allowed
Labor Operation:	69562540 20TU

Claim Comment: input "As per Technical Bulletin V010507" into comment section of warranty claim.