

10005665

IMPORTANT! Please provide a copy to all personnel with campaign-related responsibilities!
This circular supercedes the WG Service Action dated April 2004.



Service Action Circular

Code: WG

June 2004

Subject: 2001–2003 Model Year Volkswagen Vehicles Replace Ignition Coils

This is to inform you of the initiation of a service action campaign involving some below identified 2001 through 2003 model year Volkswagen vehicles. This service action pertains to the replacement of the ignition coils.

Problem Description

It is possible that if one of the vehicle's ignition coils fails, rough idling or reduced driving power could occur in addition to illumination of the MIL light.

Remedial Action

Replace ignition coils in each affected vehicle.

Vehicle Identification and VIN Number Ranges

The vehicles affected by this action are identified as follows:

2001 – 2003 New Beetle 1.8T

3VW_ *_1C_1M000001 - 3VW_ *_1C_3M414843

(* Vehicles with C in 5th position for model year 2001 only) (* Vehicles with D in 5th position for model years 2001-03) (* Vehicles with E in 5th position for model year 2003 only)

2002 – 2003 Golf (GTI) 1.8T, Jetta 1.8T

9BW_ *_1J_2_000001 - 9BW_ *_1J_34032850

(* Vehicles with D or E in 5th position for model year 2002 only) (* Vehicles with E in 5th position for model year 2003)

3VW_ *_9M_2M000001 - 3VW_ *_9M_3M051297

(* Vehicles with D or E in 5th position for model year 2002 only) (* Vehicles with E in 5th position for model year 2003)

WVW_ *_1J_2W000001 - WVW_ *_1J_3W334992

(* Vehicles with D or E in 5th position for model year 2002 only) (* Vehicles with E in 5th position for model year 2003)

2002 – 2003 GTI V6

9BW_H_1J_24000001 - 9BW_H_1J_34040002

2002 – 2003 Jetta GLI

3VW_H_9M_2M000001 - 3VW_H_9M_3M105131

WVW_H_1J_2W000001 - WVW_H_1J_3W367577

2001 – 2003 Passat 1.8T

WVW_ *_3B_1E000001 - WVW_ *_3B_3E175002

WVW_ *_3B_1P000001 - WVW_ *_3B_3P265086

(* Vehicles with C or D in 5th position for model year 2001 only) (* Vehicles with D in 5th position for model years 2002/3)

2002 – 2003 Passat W8

WVW_K_3B_2P000001 - WVW_K_3B_3P263779

WVW_K_3B_2E000001 - WVW_K_3B_3E177001

2001 – 2003 EuroVan/Rialta V6

WV_ _B_70_1H000519 - WV_ _B_70_3H091264

Owner Notification Mailing

Volkswagen began the initial mailings to inform all known owners of this service action campaign by first class mail on or about June 6, 2003.

Vehicle Allocation

Each dealer will receive a computer printout listing containing VINs and owner information of owners which have been notified.

Parts Information

Review "Material Comments" in Parts on Command to place additional orders.

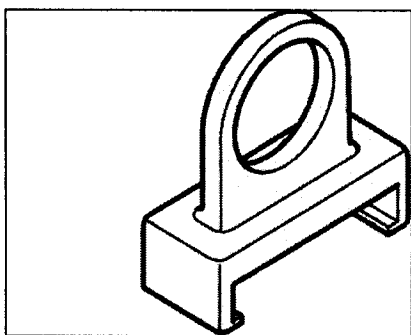
Note: Only ignition coils that are not one of the production levels shown below must be replaced.

<i>New Beetle 1.8T</i>	-	<i>06B 905 115J/L</i>
<i>Golf(GTI), Jetta 1.8T</i>	-	<i>06B 905 115J/L</i>
<i>GTI, Jetta GLI</i>	-	<i>022 905 100D/G/K</i>
<i>Passat 1.8T</i>	-	<i>06B 905 115J/L</i>
<i>Passat W8</i>	-	<i>07C 905 115C/D</i>
<i>EuroVan/Rialta V6</i>	-	<i>022 905 100C/F/J</i>

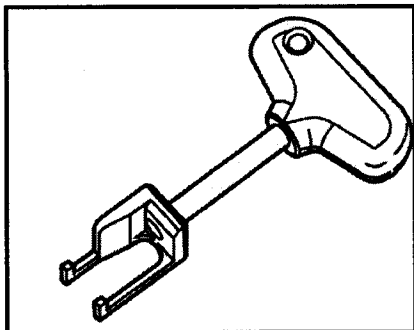
Work Procedure

Objective: This procedure describes changing the ignition coils on 1.8 liter & 2.8 liter engines in New Beetle, GTI & Jetta vehicles, a wire harness modification for 2002 & 2003 Jetta vehicles having a 2.8 liter engine with an automatic transmission, changing the ignition coils on 1.8 liter & 4.0 liter engines in Passat vehicles, and on 2.8 liter engines in EuroVan/Rialta vehicles.

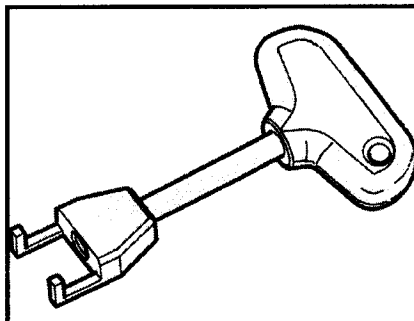
Special Tools



⇐ **Puller T40039** - must be used to avoid damaging ignition coils during removal

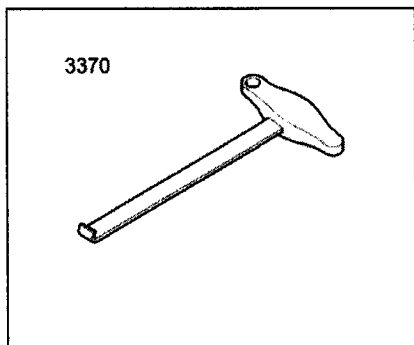


⇐ **Puller T10095** - must be used to avoid damaging ignition coils during removal

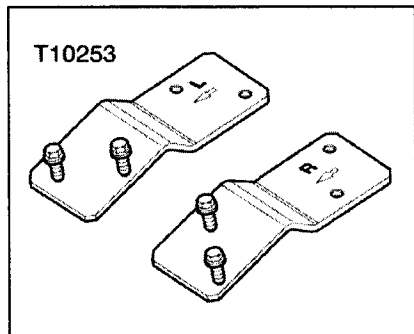


⇐ **Puller T10094** - must be used to avoid damaging ignition coils during removal

- **VAS 1978** - Wiring Harness Repair Kit



⇐ **3370** - Hook tool (or equivalent)



⇐ **T10253** - Latch tool with bolts

Parts: In addition to the ignition coils, some vehicles will require additional parts. The vehicle models and respective parts are listed below:

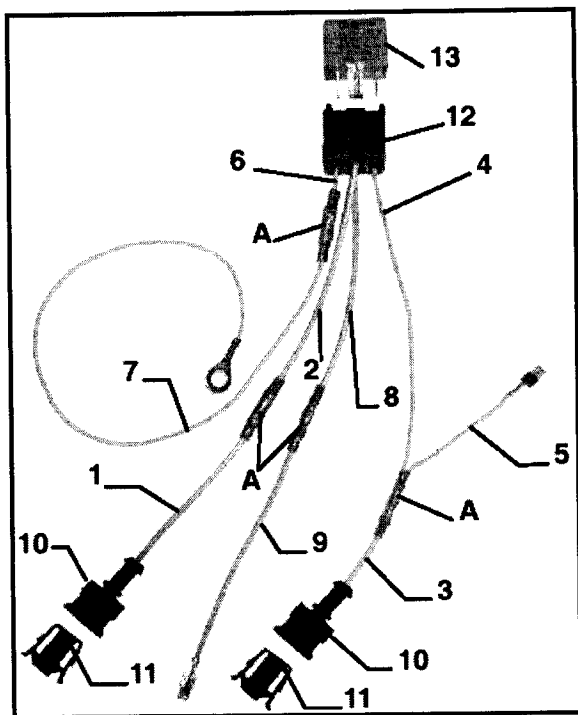
For 2002 Jetta with automatic transmission and 2.8 liter engine:

<u>Quantity</u>	<u>Part Number</u>	<u>Part Name</u>
1	000 979 227	Repair Wire (from the VAS 1978 harness repair kit)
1	111 971 938 A	Butt Connector, (from the VAS 1978 harness repair kit)

For 2003 Jetta with automatic transmission and 2.8 liter engine:

<u>Quantity</u>	<u>Part Number</u>	<u>Part Name</u>
1	1J0 971 658 N	Harness Kit

Note: If assembled harness kit (1J0 971 658 N) is not available from parts, then the individual parts listed below can be assembled.



Item	Part Number	Qty.	Description
A	111 971 939 B	4	Butt Connector (Blue)*
1	000 979 220	1	Repair Wire*
2,8,9	000 979 227	2	Repair Wire*
3	000 979 130	1	Repair Wire*
4,6	000 979 114	1	Repair Wire*
5	000 979 135	1	Repair Wire*
7	000 979 137	1	Repair Wire*
10	191 972 761	2	Terminal Housing
11/11A	191 972 751	2	Terminal Housing
12	443 937 527	1	Relay Housing
13	141 951 253 B	1	Relay

- * Parts available from the VAS 1978 harness repair kit
- Relay, relay housing and terminal housings must be ordered through parts

Work Sequence:

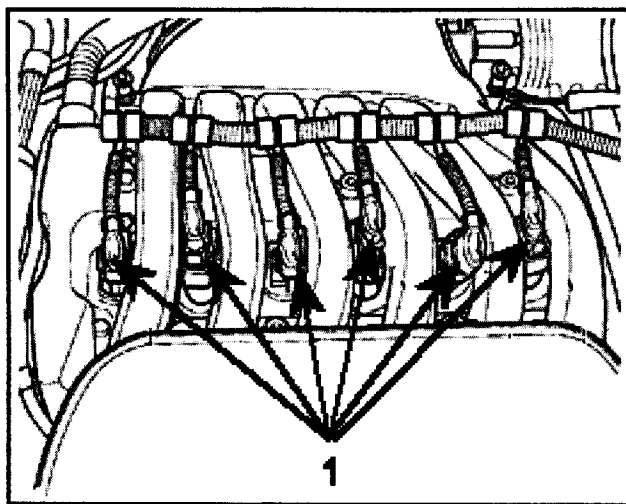
- Section A - 2.8 liter engine in Jetta and GTI vehicles**
- Section B - 1.8 liter engine in New Beetle, GTI, Jetta and Passat vehicles**
- Section C - 4.0 liter engine in Passat vehicles**
- Section D - 2.8 liter engine in Eurovan/Rialta vehicles**

Section A – 2.8 Liter Engine in Jetta and GTI

IMPORTANT! If the vehicle has a MIL light on, the diagnostic trouble codes (DTCs) must be checked

Only cylinder misfire DTCs related to ignition coil malfunction are covered by this service action. Any other checking, diagnosis or repairs are not part of or covered under this service action

- If applicable, connect VAS5051 and check DTCs
- Open hood and remove engine cover



⇐ Disconnect connector from all ignition coils -1-

- Using **Puller T10095**, remove ignition coils

CAUTION: USE OF TOOL T10095 IS REQUIRED TO AVOID DAMAGING THESE SENSITIVE COMPONENTS

Note: Only ignition coils that are not one of the production levels shown on Page 2 "*Parts Information*" must be replaced

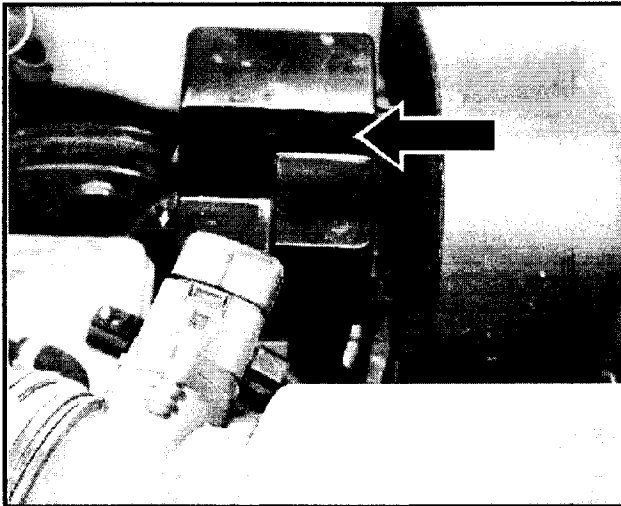
- Install new ignition coils (022 905 100 D/G/K) by pressing into cylinder head by hand only

IMPORTANT! Do not use any object to tap ignition coil into position

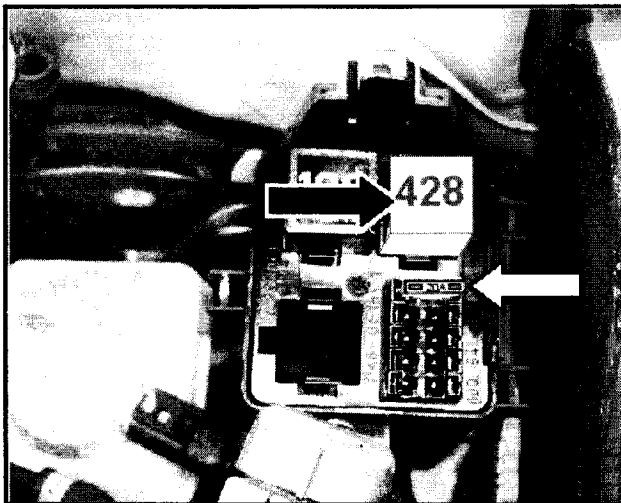
Do not twist ignition coil when installing

- Reconnect connectors to ignition coils
- Reinstall engine cover
- If vehicle is a 2002 model year Jetta with automatic transmission go to Section A1
- If vehicle is a 2003 model year Jetta with automatic transmission go to Section A2
- If vehicle is a Jetta or GTI with manual transmission go to Section A3

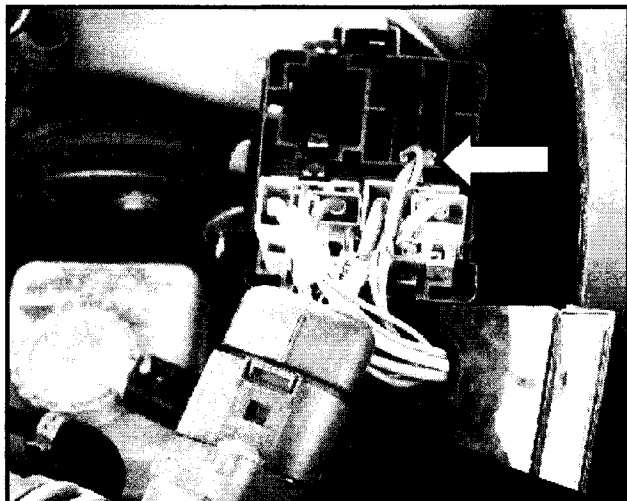
**Section A1 – Wiring Harness Modification on
2002 Model Year Jetta Vehicles
having a 2.8 Liter Engine with an
Automatic Transmission**



- Disconnect battery ground (GND) cable
- ⇐ Remove relay cover -arrow- for relay panel (located next to brake booster) in engine compartment

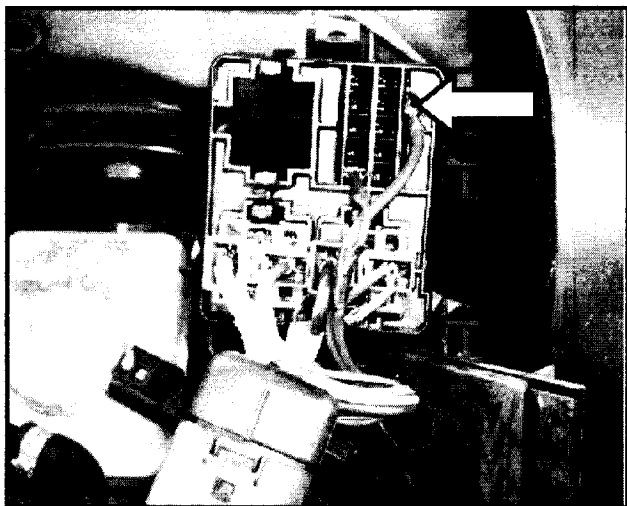


- ⇐ Remove fuse (S51) -white arrow- for vacuum pump from fuse holder
- ⇐ Remove relay #428 for the main power supply to the engine control module (ECM) -black arrow-
- Lift out relay panel from the lower housing

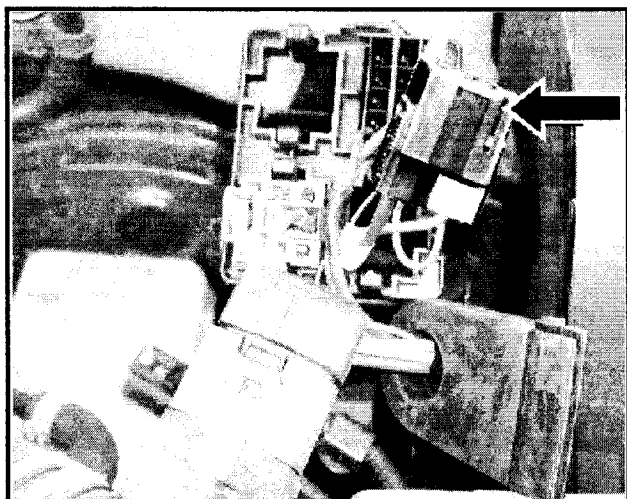


- Turn relay panel over to access wiring to fuse and relay

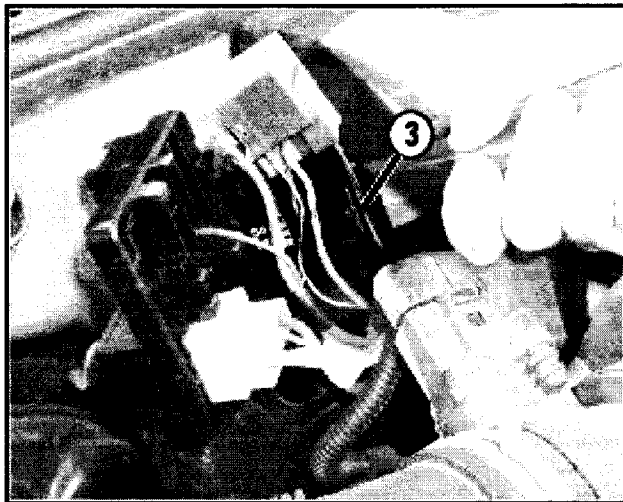
⇐ Remove large wire from cavity #1 for fuse (S51)
-arrow-



⇐ Illustration to the right shows large wire -arrow- removed from cavity #1



⇐ Remove red connector block (for relay #428)
-arrow- from the relay housing

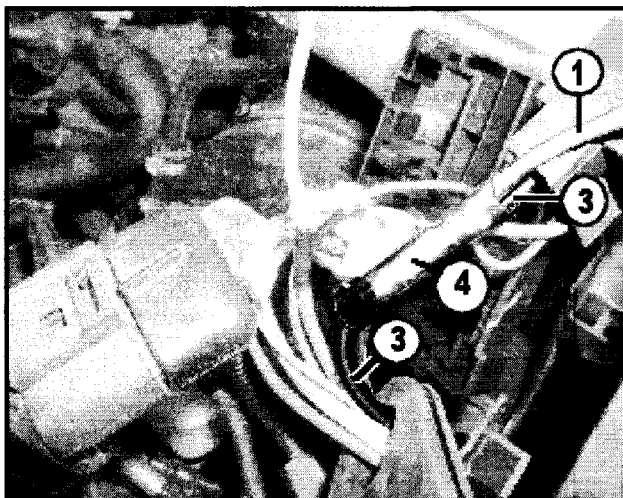


- ⇐ Locate large wire -3- from cavity 2 of the red connector for relay #428 and cut wire approximately 30 mm from terminal

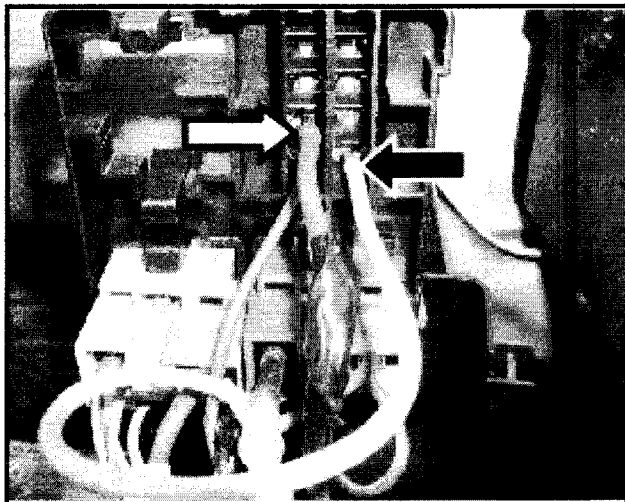
Note: Cavity numbers are located on the connector at the terminal insertion points

- Strip insulation from wire ends using VAS 1978/3 wire strippers from the VAS 1978 repair kit

Note: The illustrations show the large wire installed in the relay connector housing. It may be easier to remove this terminal from the relay connector housing for the following modification



- Using new repair wire (000 979 227), cut wire approximately 100 mm from the terminal and strip the insulation from the wire (other end of the repair wire is not needed)
- ⇐ Insert the new 100 mm long repair wire -1- along with the end (30 mm length) of the previously cut wire -3- (from connector block cavity 2) into one end of a butt connector -4- (111 971 938 A)
- Crimp the butt connector using the VAS 1978/2 crimper from the VAS 1978 repair kit
- Insert remaining end of previously cut wire -3- into the other end of the butt connector -4- and crimp using the wire crimper
- Seal the butt connector using the electric hot air blower
- If the large wire was removed from the relay connector housing cavity #2 to do this modification, reinstall wire at this time



- Install the wire previously removed from the fuse holder (for fuse S51) cavity #1 into an unused cavity of the fuse holder (this wire is no longer used)

Note: In this illustration, cavity #4 was used -white arrow- however, your vehicle may be different

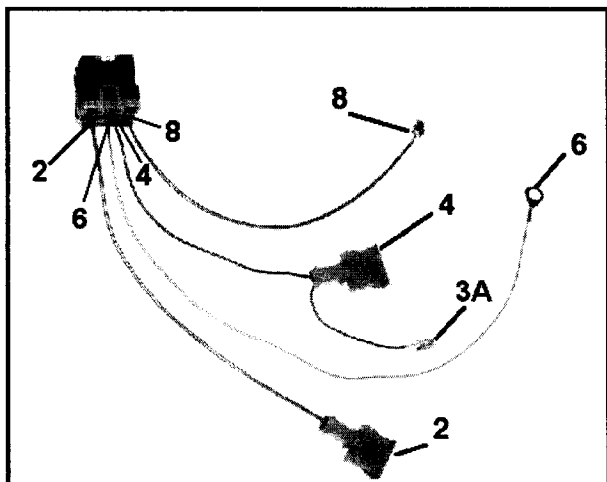
- ⇐ Install terminal from the 100 mm repair wire into the cavity #1 -black arrow- of the fuse holder
- Reinstall red connector block for relay into relay panel
- Reinstall relay panel into lower housing
- Reinstall relay #428 and fuse (S51) into relay panel
- Reinstall relay cover
- Reconnect battery ground (GND) cable and tighten nut to 6 Nm (53 in. lbs.)
- **Proceed to Section A3**

Section A2 – Wiring Harness Modification on 2003 Model Year Jetta Vehicles Having a 2.8 Liter Engine with an Automatic Transmission

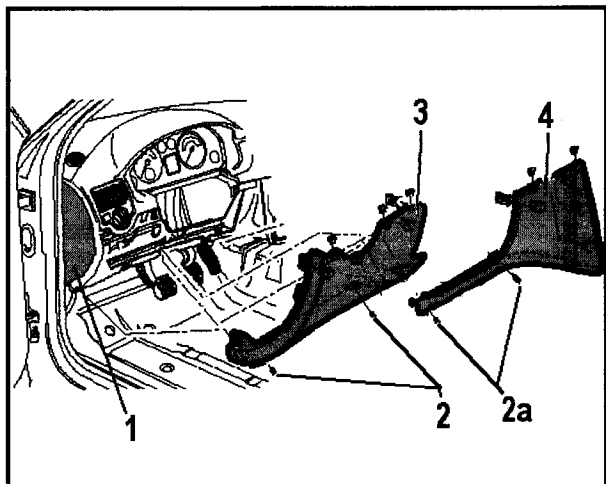
Note: Use harness kit (1J0 971 658N). If not obtainable, the harness can be assembled

Some parts are in the VAS 1978 wiring harness repair kit; other parts need to be ordered (Reference “Parts Information” on Page 2)

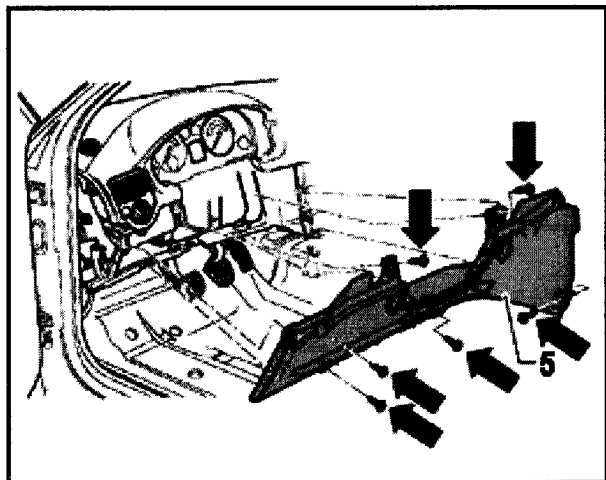
Instructions for harness assembly are in Section A4



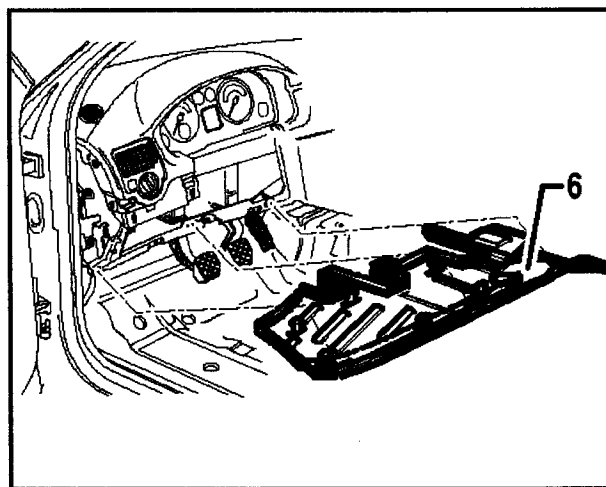
IMPORTANT! The terminal ends on the wire harness from the kit or from the assembled harness are shown to correspond to the terminal connection numbers on the relay connector



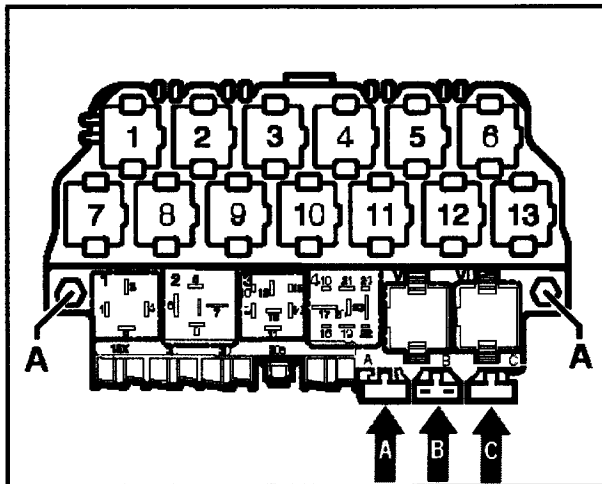
- ⇐ Open driver's door, remove instrument panel side cover -1-
- ⇐ Remove 2 screws -2- unclip trim panel -3- and remove
- ⇐ Remove 2 screws -2a- unclip trim panel -4- and remove



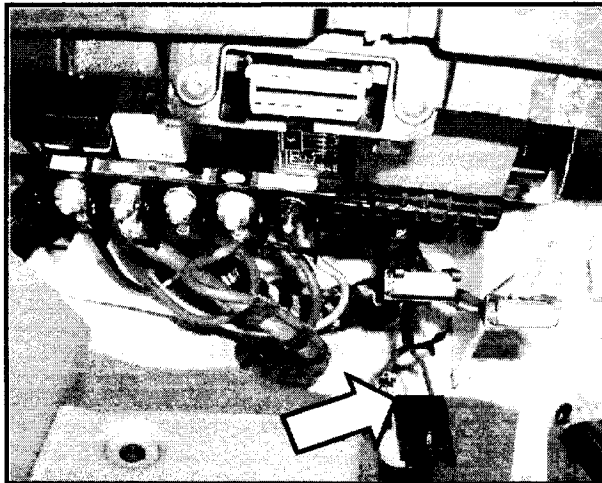
- ⇐ Remove (6) screws -arrows- and remove reinforcement -5-



- ⇐ Unclip and remove lower cover -6- by sliding rearward out of clips

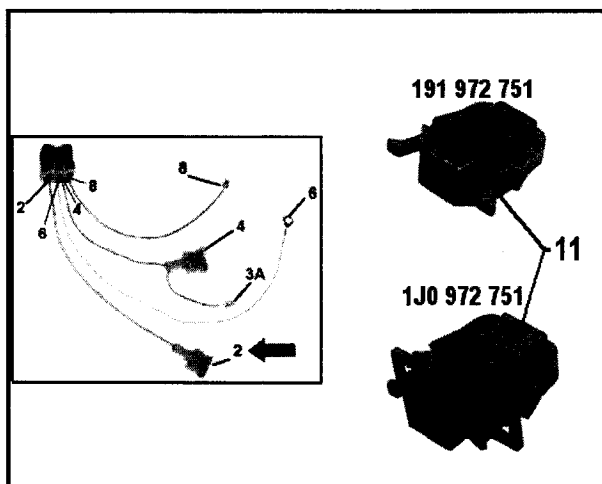


- ⇐ Using a volt meter, check the terminal contacts of the 15 amp fuse in position B -arrow- for (12 volts or B+ power) and make note of terminal position in fuse housing
- Under hood, remove battery cover and disconnect battery ground (GND) cable
- ⇐ Remove fuse/relay holders -A- and -C- (arrows) at the bottom of the lower relay panel
- ⇐ Remove fuse holder -B- from the bottom of lower relay panel -arrow- and remove fuse from holder
- ⇐ Remove (2) nuts -A- and pull lower relay carrier rearward and down to remove



- ⇐ Remove the B+ terminal (as previously found) from fuse holder B -arrow-

Note: The illustration shows the wire removed from position #2, however, your vehicle could be different

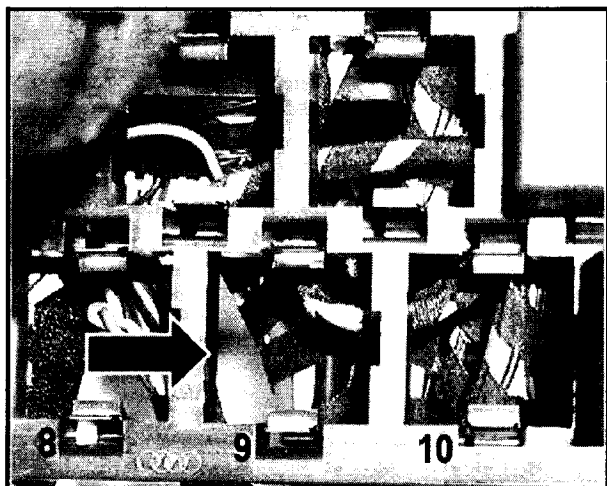


- ⇐ Insert the B+ terminal (removed from fuse holder) into terminal housing -11- (191 972 751 or 1J0 972 751)

Note: The terminal housing 1J0 972 751 comes with the wiring harness assembly.

IMPORTANT! To insert the B+ terminal into the 1J0 972 751 housing, the side clip needs to be opened

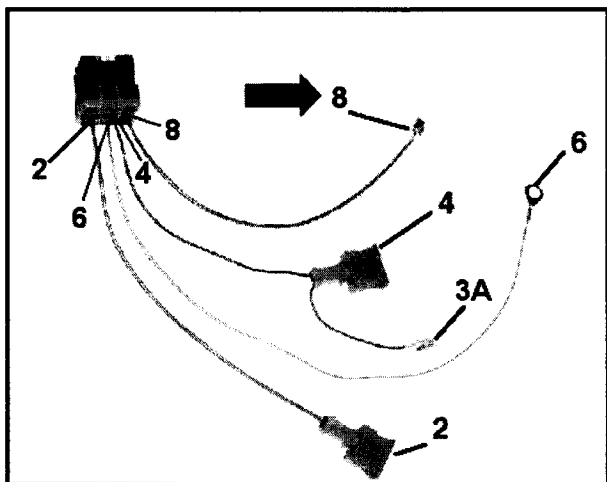
Note: This terminal housing -11- will be connected to a terminal housing -2- on the new wiring harness later in the procedure



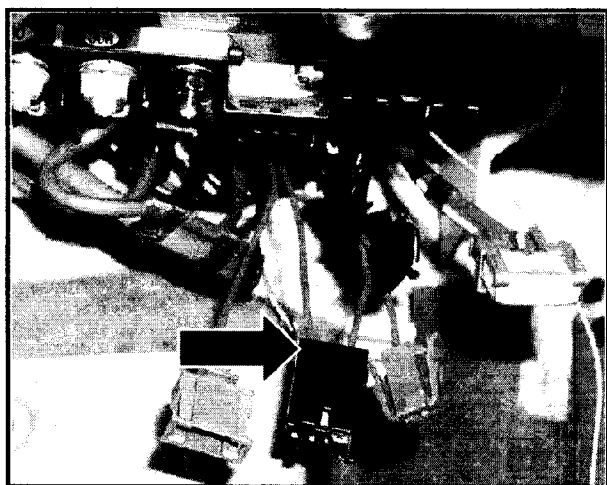
- ⇐ From the rear of the upper half of the relay panel, insert the new relay connector block on the new harness assembly into position #9 -arrow-

Note: The new relay must be removed from the relay connector on the new harness assembly before installing

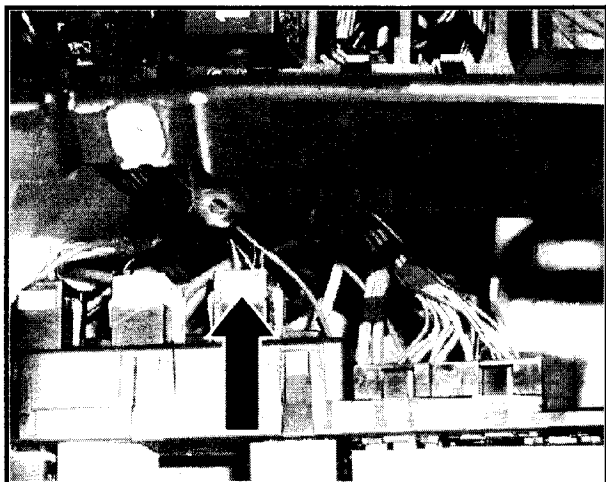
- Route wires 2, 6 and 8 on the new harness assembly behind the fuse/relay panels



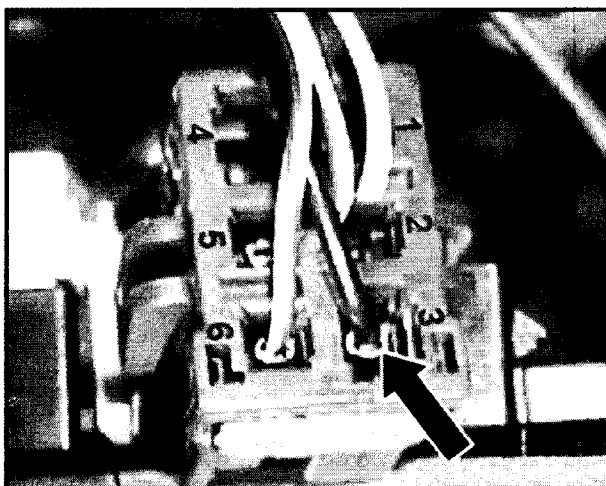
- ⇐ Locate terminal -8- (arrow) on the new wiring harness assembly



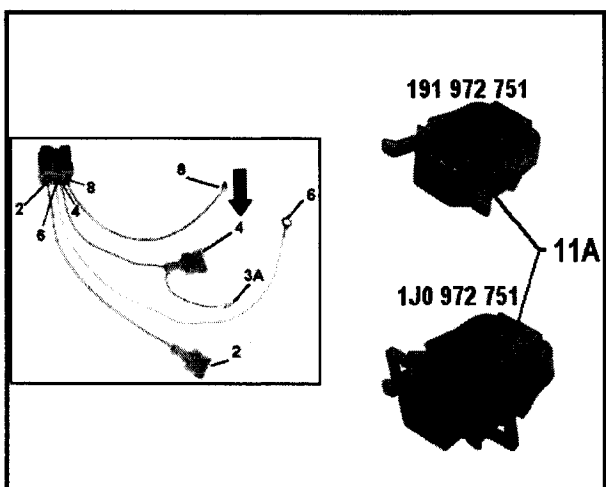
- ⇐ Insert terminal 8 on the new wire harness into the empty (B+) location in the 15 amp fuse holder -arrow-



- ⇐ Remove (red) connector block -arrow- (for relay position 3) on reverse side of lower relay carrier



- ⇐ Remove terminal from position number 3 -arrow- of red connector block

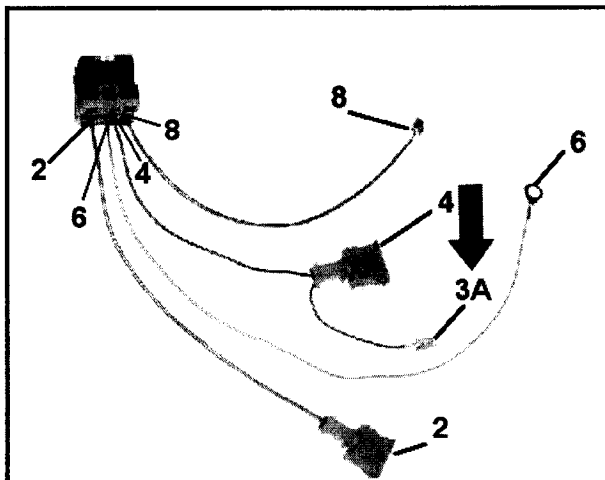


- ⇐ Insert this terminal -3- into connector housing -11A- (191 972 751 or 1J0 972 751)

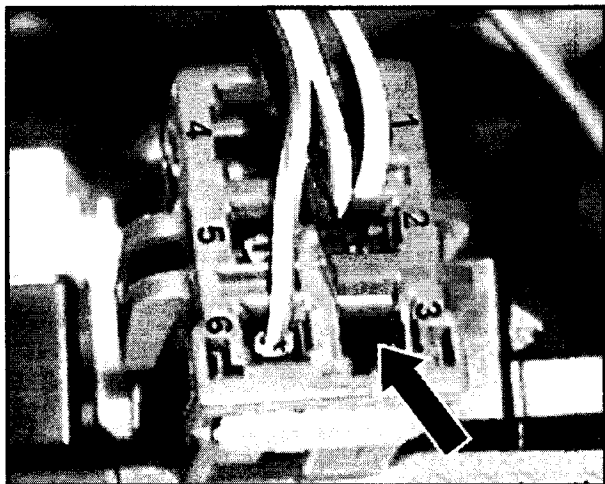
Note: The terminal housing 1J0 972 751 comes with the wiring harness assembly.

IMPORTANT! To insert terminal -3- into the 1J0 972 751 housing, the side clip needs to be opened

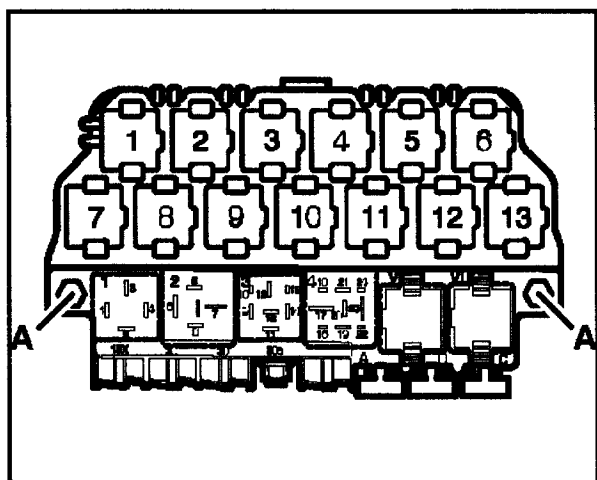
- ⇐ Connect the housing -11A- to the connector housing -4- on the new harness assembly



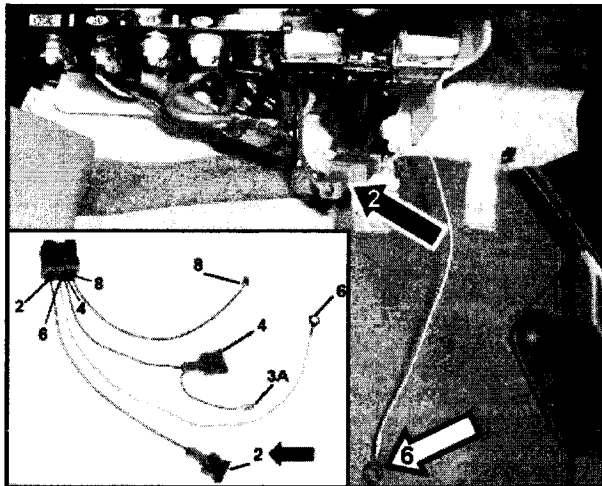
- ⇐ Locate terminal -3A- (arrow) [short wire from connector housing -4-] on new harness assembly



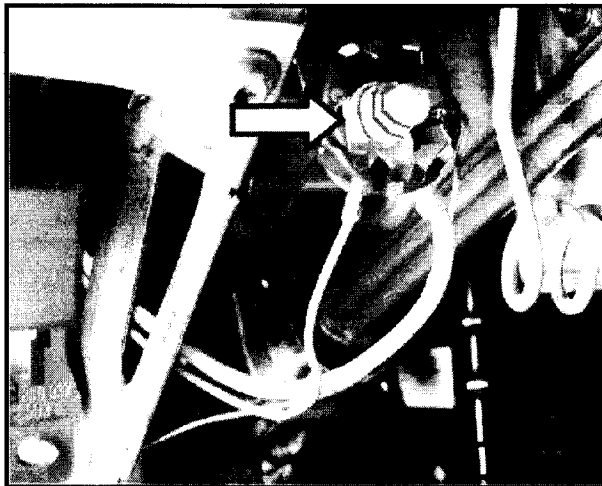
- ⇐ Insert terminal -3A- into the empty position number 3 -arrow- of red connector
- Reinstall red connector block to reverse side of relay panel (behind relay position 3)



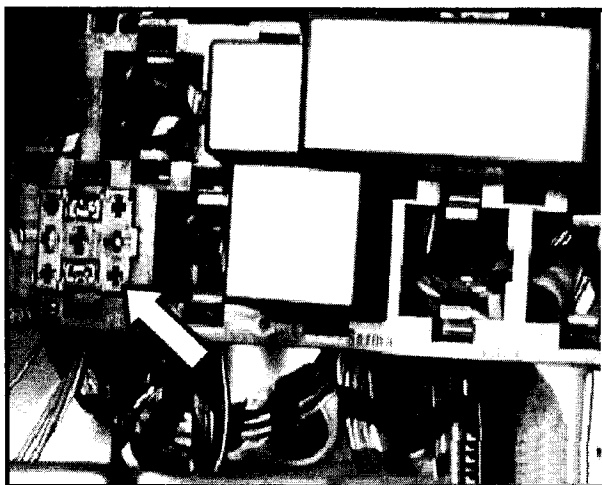
- ⇐ Reinstall relay carriers, secure with (2) nuts -A- and tighten to 2 Nm (18 in. lbs.)



- ⇐ Insert the connector -11- (contains terminal removed from B+ fuse connector at the start of this procedure) to connector -2- (arrow) on the new wire harness assembly
- Reinstall fuse holder to location -B- on the lower relay block
- Reinstall 15 amp fuse
- Reinstall fuse/relay holders -A- & -C- into proper location on lower relay block
- ⇐ Locate ground (GND) wire -6- (eyelet terminal on the new wiring harness assembly)



- ⇐ Remove cap nut at ground point -arrow- near steering column, install ground wire eyelet -6- from new harness assembly, secure with cap nut and tighten to 6 Nm (53 in. lbs.)



- ⇐ Install new (141 951 253 B) relay into upper relay block position 9 -arrow-
- Reinstall instrument panel lower cover
- Reinstall reinforcement and secure with (6) screws
- Reinstall lower trim panels
- Reinstall instrument panel side cover
- Reconnect battery ground (GND) cable and tighten to 6 Nm (53 in. lbs)
- Reinstall battery cover
- **Proceed to Section A3**

Section A3 - Repair verification and readiness code setting

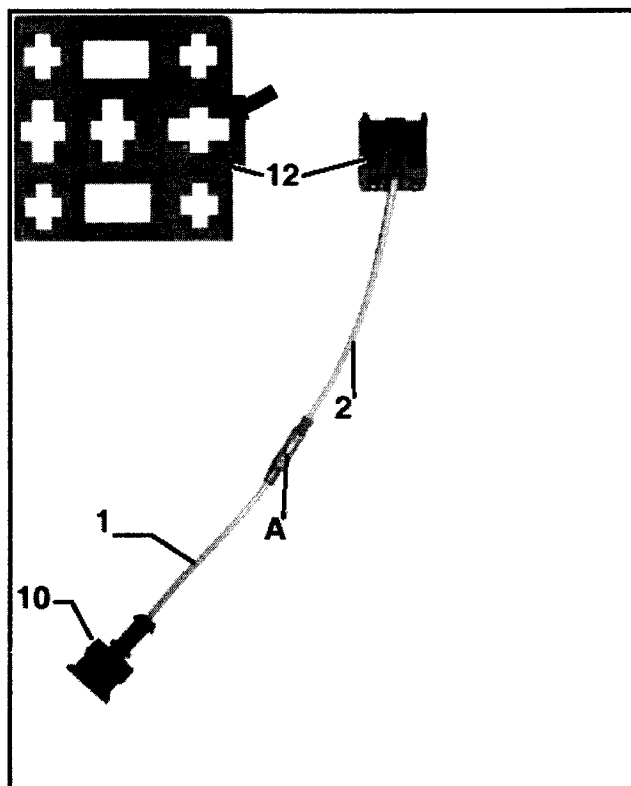
- If a wiring harness was modified, turn ignition switch "ON" and OFF" **before** first starting engine, then:
 - Start vehicle and verify correct operation
 - Remove key and wait up to 30 seconds to ensure that the vacuum pump does not run
 - Set engine readiness code and power restoration procedure
- If a wiring harness was not modified and the MIL light was on with cylinder misfire DTCs present, printed and erased, use VAS5051 and set engine readiness code
- Attach a copy of print out for diagnostic log (showing cylinder misfire DTCs) and readiness code "Test Complete" to repair order

Note: Readiness code setting is not related to this action when other components related to the MIL light are diagnosed and repaired

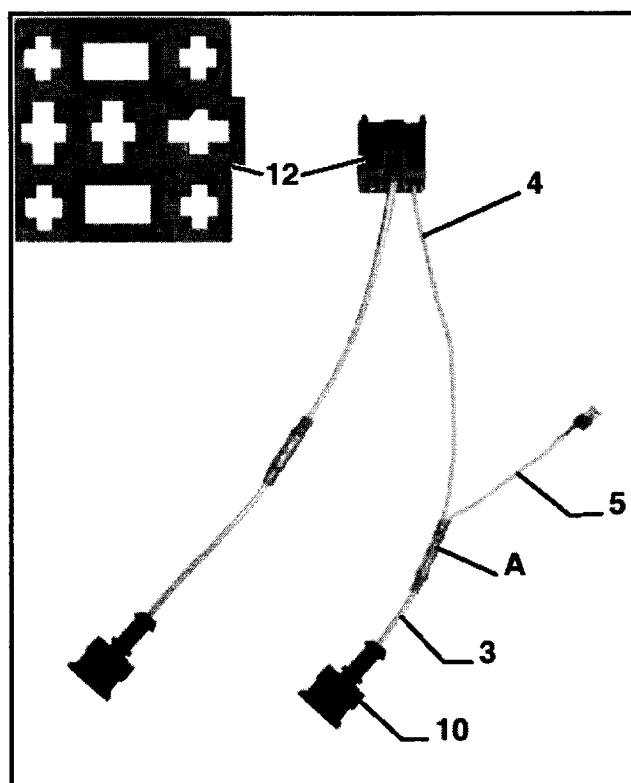
- ***Destroy and properly dispose of removed ignition coils***

Section A4 – Wiring Harness Assembly

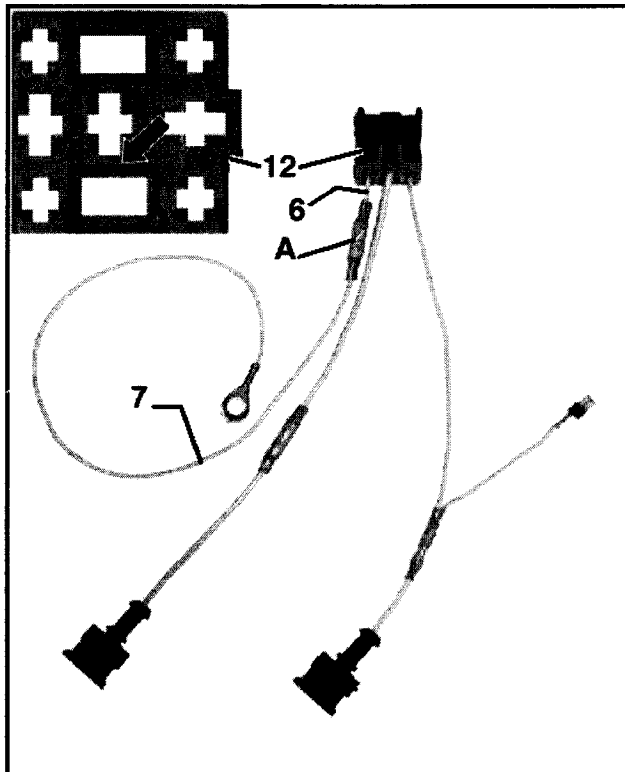
Note: This section is needed only if the wiring harness assembly 1J0 971 658 N is not obtainable



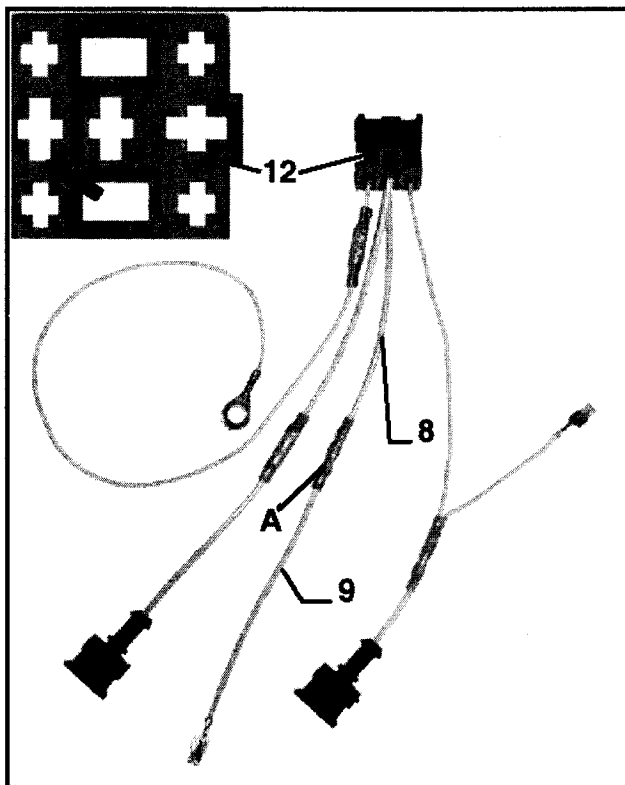
- ⇐ Using a repair wire -2- (000 979 227), cut wire approx. 100 mm from terminal, insert wire in butt connector -A- (111 971 939 B) and crimp butt connector with the VAS 1978/2 crimper
- ⇐ Using a repair wire -1- (000 979 220), cut wire approx. 100 mm from terminal, insert wire in butt connector -A- and crimp butt connector
- Seal the butt connector using the electric hot air blower from the VAS 1978 repair kit
- ⇐ Insert terminal end of wire -2- into position 2 -arrow- of relay connector -12- and wire end -1- into a terminal housing -10- (191 972 761)



- ⇐ Using a repair wire -4- (000 979 114), cut wire approx. 150 mm from terminal
- ⇐ Using a repair wire -5- (000 979 135), cut wire approx. 80 mm from terminal
- ⇐ Insert ends of wire -4- and -5- into butt connector -A- and crimp connector
- ⇐ Using a repair wire -3- (000 979 130), cut wire approx. 70 mm from terminal, insert wire in butt connector -A- and crimp butt connector
- Seal the butt connector using the electric hot air blower
- ⇐ Insert terminal end of wire -4- into position 4 -arrow- of relay connector -12- and terminal end of wire -5- into terminal housing -10- (191 972 761)



- ⇐ Using repair wire -6- (000 979 114), cut wire approx. 30 mm from terminal, insert into butt connector -A- and crimp connector
- ⇐ Using repair wire -7- (000 979 137), cut wire approx. 330 mm from eyelet, insert into butt connector -A- and crimp connector
- Seal the butt connector using the electric hot air blower
- ⇐ Insert terminal end of wire -6- into position 6 of relay connector -12-



- ⇐ Using repair wire -8- (000 979 227), cut wire approx. 110 mm from eyelet, insert into butt connector -A- and crimp connector
- ⇐ Using repair wire -9- (000 979 227), cut wire approx. 110 mm from eyelet, insert into butt connector -A- and crimp connector
- Seal both ends of the butt connector using the electric hot air blower
- ⇐ Insert terminal end of wire -8- into position 8 of relay connector -12-
- **Go to Section A2 for harness installation**

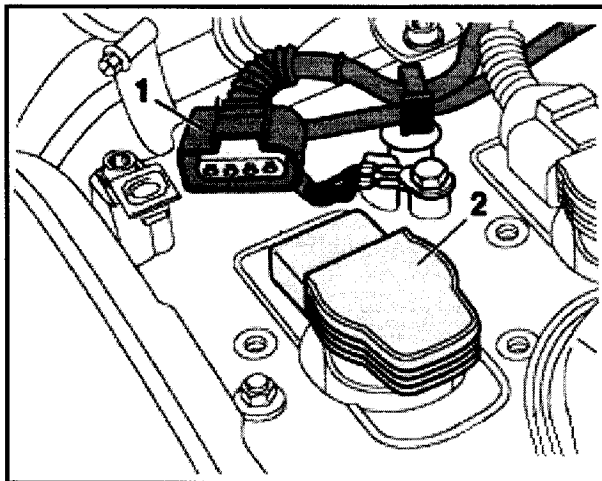
Section B – 1.8 Liter Engine in New Beetle, GTI, Jetta and Passat

IMPORTANT! If the vehicle has a MIL light on, the diagnostic trouble codes (DTCs) must be checked

Only cylinder misfire DTCs related to ignition coil malfunction are covered by this service action. Any other checking, diagnosis or repairs are not part of or covered under this service action

- If applicable, connect VAS5051 and check DTCs
- Open hood and remove engine cover
- If applicable, remove screw securing vacuum reservoir located above ignition coils
- On New Beetle vehicles, remove plate with turbo boost valve and move aside

Note: Vacuum lines to reservoir and turbo boost valve do not have to be disconnected



⇐ Disconnect connectors -1- from all ignition coils -2-

Note: Only ignition coils that are not one of the production levels shown on Page 2 "Parts Information" must be replaced

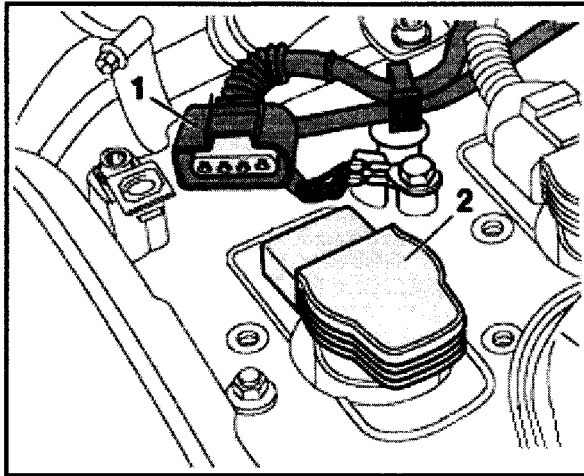
- Using **Puller T40039**, remove ignition coils

CAUTION: Use of tool T40039 is required to avoid damaging these sensitive components

- Install new ignition coils (06B 905 115J/L) by pressing into cylinder head with hand only

IMPORTANT! Do not use any object to tap ignition coil into position

Do not twist ignition coil when installing



- Reconnect connectors to ignition coils
- If applicable, reinstall plate with turbo boost valve
- Reinstall vacuum reservoir and secure with bolt
- Reinstall engine cover and close hood
- If the MIL light was on and cylinder misfire DTCs were present, printed and erased, use VAS5051 and set engine readiness code
- Attach a copy of print out for diagnostic log (showing cylinder misfire DTCs) and readiness code "Test Complete" to repair order

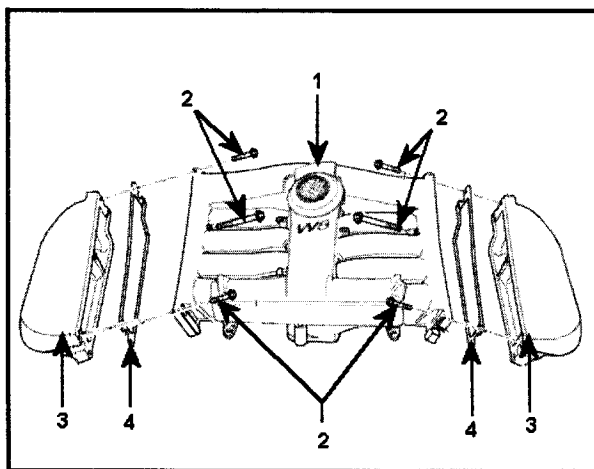
Note: Readiness code setting is not related to this action when other components related to the MIL light are diagnosed and repaired

- ***Destroy and properly dispose of removed ignition coils***

Section C – 4.0 Liter Engine in Passat

IMPORTANT! If the vehicle has a MIL light on, the diagnostic trouble codes (DTCs) must be checked

Only cylinder misfire DTCs related to ignition coil malfunction are covered by this service action. Any other checking, diagnosis or repairs are not part of or covered under this service action



- If applicable, connect VAS5051 and check DTCs
- ⇐ Open hood and remove center manifold cover -1-
- ⇐ Remove bolts -2- securing left and right intake manifold side parts -3- and remove side part with gaskets -4-
- Disconnect connectors on all ignition coils

Note: Only ignition coils that are **not** one of the production levels shown on Page 2 "Parts Information" must be replaced

- Using **Puller T10094**, remove ignition coils on left and right banks of engine

**CAUTION: USE OF TOOL T10094 IS
REQUIRED TO AVOID
DAMAGING THESE SENSITIVE
COMPONENTS**

- Install new ignition coils (07C 905 115C/D) by pressing into cylinder head by hand only

**IMPORTANT! Do not use any object to tap
ignition coil into position**

**Do not twist ignition coil when
installing**

- Reconnect connectors to ignition coils
- Reinstall left and right intake manifold side parts with gasket and tighten bolts to 8 Nm. (71 in. lbs.)
- Reinstall center cover and close hood
- If the MIL light was on and cylinder misfire DTCs were present, printed and erased, use VAS5051 and set engine readiness code
- Attach a copy of print out for diagnostic log (showing cylinder misfire DTCs) and readiness code "Test Complete" to repair order

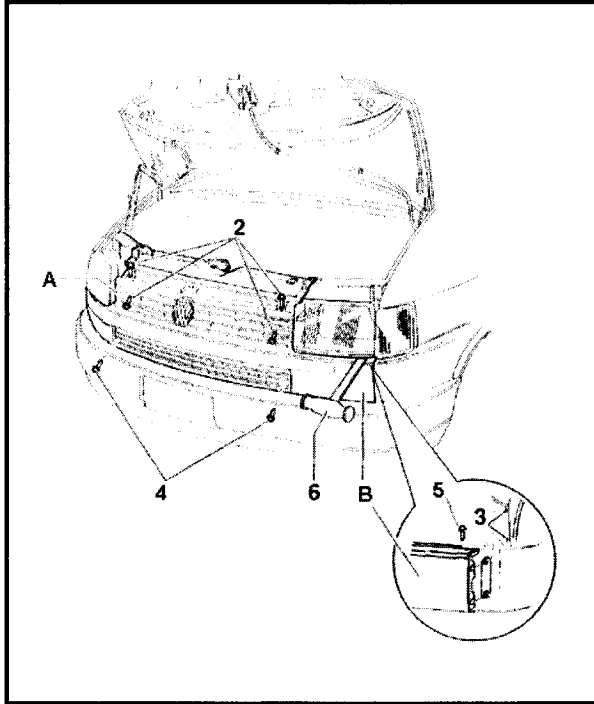
**Note: Readiness code setting is not related to this
action when other components related to the
MIL light are diagnosed and repaired**

- ***Destroy and properly dispose of removed
ignition coils***

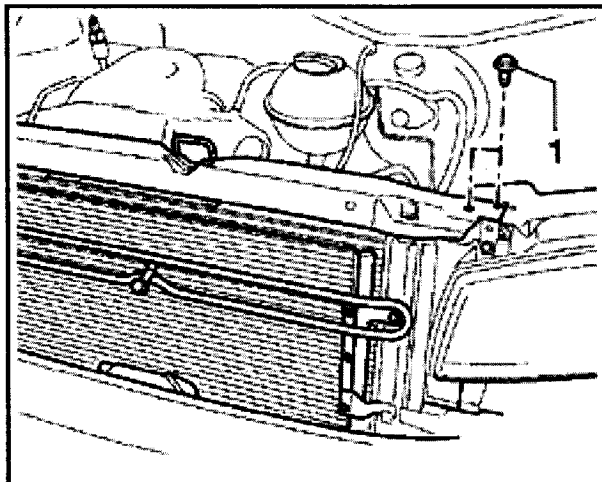
Section D – 2.8 Liter Engine in Eurovan/Rialta

IMPORTANT! If the vehicle has a MIL light on, the diagnostic trouble codes (DTCs) must be checked

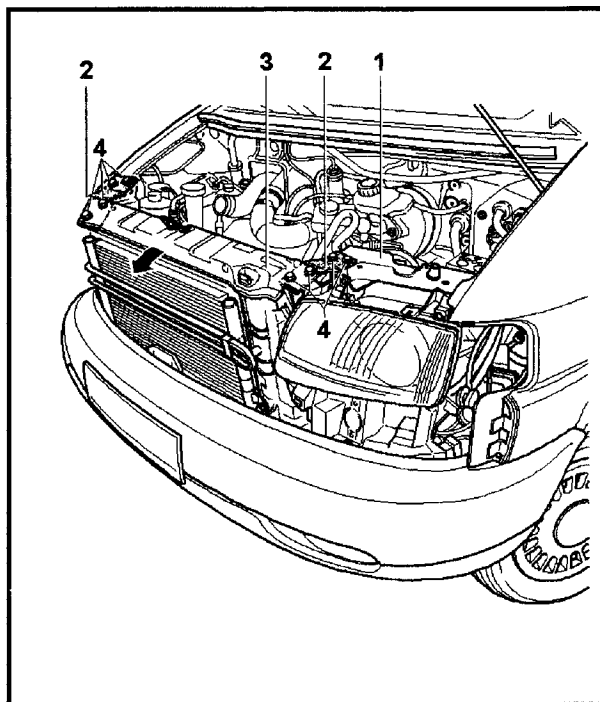
Only cylinder misfire DTCs related to ignition coil malfunction are covered by this service action. Any other checking, diagnosis or repairs are not part of or covered under this service action



- If applicable, connect VAS5051 and check DTCs
- Open hood and remove T30 torx® screws securing engine cover and remove engine cover
- ⇐ Remove screws -2- and remove radiator grille -A-
- Remove left and right turn signal lights
- ⇐ Remove screws -4- and -5-
- ⇐ Use special hook tool 3370 -6- and pull trim panel -B- off guide tabs -3- on left and right sides



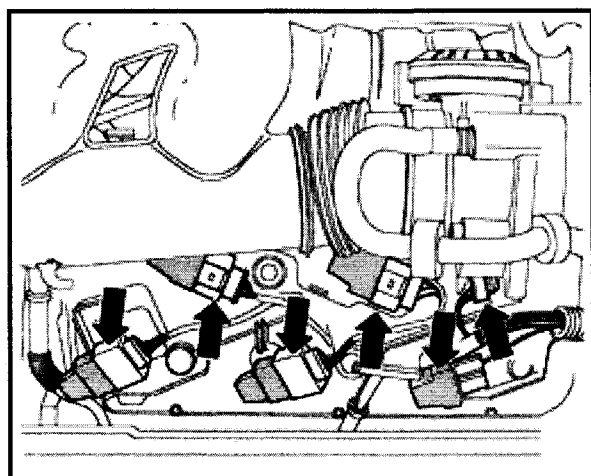
- ⇐ Remove lock carrier bolts -1- on left and right sides



⇐ Pivot the lock carrier -3- with radiator in the forward direction -arrow-

⇐ Attach latch tool T10253 -2- between lock carrier -3- and mounting panel for headlight -1- on both left and right sides using bolts -4-

Note: Each holding tool is marked "R" for right side or "L" for left side



⇐ Disconnect connectors -arrows- from all ignition coils

Note: Only ignition coils that are **UU**not one of the production levels shown on Page 2 "Parts Information" must be replaced

⇐ Using Puller T10095, remove ignition coils

CAUTION: USE OF TOOL T10095 IS REQUIRED TO AVOID DAMAGING THESE SENSITIVE COMPONENTS

- Install new ignition coils (022 905 100C/F/J) by pressing into cylinder head by hand only

IMPORTANT! Do not use any object to tap ignition coil into position

Do not twist ignition coil when installing

- Reconnect connectors to ignition coils

- Remove latch tool T10253
- Pivot the lock carrier with radiator back into position
- Secure lock carrier with bolts -1- on left and right sides and tighten to 10 Nm (7 ft. lbs.)
- Reinstall engine cover and secure with T30 Torx® screws
- If the MIL light was on and cylinder misfire DTCs were present, printed and erased, use VAS5051 and set engine readiness code
- Attach a copy of print out for diagnostic log (showing cylinder misfire DTCs) and readiness code "Test Complete" to repair order

Note: Readiness code setting is not related to this action when other components related to the MIL light are diagnosed and repaired

- ***Destroy and properly dispose of removed ignition coils***

Time Requirements/Reimbursement

To ensure prompt reimbursement, be sure to enter, immediately replacement of the ignition coils the applicable reimbursement code listed below.

WG Data Entry Procedure

Claim Type	Repair Code (Damage Code Field)	Time UUUUUUUnits	Work Scope
RC	WG12	50 T.U.	<u>2.8L Jetta & GTI Vehicles</u> - Replace ignition coils 6 022 905 100 D/G/K Ignition coil
RC	WG13	110 T.U.	<u>2.8L Jetta & GTI Vehicles</u> - Replace ignition coils - Fault Diagnosis and Set Readiness Code 6 022 905 100 D/G/K Ignition coil
RC	WG14	40 T.U.	<u>1.8T New Beetle, Jetta, GTI & Passat Vehicles</u> - Replace ignition coils 4 06B 905 115J/L Ignition coil
RC	WG15	100 T.U.	<u>1.8T New Beetle, Jetta, GTI & Passat Vehicles</u> - Replace ignition coils - Fault Diagnosis and Set Readiness Code 4 06B 905 115J/L Ignition coil
RC	WG16	110 T.U.	<u>4.0L Passat W8 Vehicles</u> - Replace ignition coils 8 07C 905 115C/D Ignition coil
RC	WG17	170 T.U.	<u>4.0L Passat W8 Vehicles</u> - Replace ignition coils - Fault Diagnosis and Set Readiness Code 8 07C 905 115C/D Ignition coil
RC	WG18	50 T.U.	<u>2.8L EuroVan/Rialta V6 Vehicles</u> - Replace ignition coils 6 022 905 100 C/F/J Ignition coil
RC	WG19	110 T.U.	<u>2.8L EuroVan/Rialta V6 Vehicles</u> - Replace ignition coils - Fault Diagnosis and Set Readiness Code 6 022 905 100 C/F/J Ignition coil
There is NO reimbursement for vehicle wash or loaner.			

The system automatically enters the part number and labor applicable to the above listed codes.

SUBLETS At-A-Glance

	SUB LBR	SUB PTS
P/N 000 979 227 Wire (from the VAS 1978 harness repair kit)		\$ 2.31, if applicable
P/N 111 971 938 A Butt Connector (from the VAS 1978 harness repair kit)		\$ 3.19, if applicable
110 TU for labor on 2002 Jetta automatic wiring harness modification	Add 110 TU at dealer's established labor rate, if applicable	
130 TU for labor on 2003 Jetta automatic to install new wiring harness assembly	Add 130 TU at dealer's established labor rate, if applicable	
165 TU for labor on 2003 Jetta automatic to assemble and install new wiring harness assembly	Add 165 TU at dealer's established labor rate, if applicable	

TO BE PROPERLY REIMBURSED, IT IS IMPERATIVE THAT A SUBLET AMOUNT IS CLAIMED IN THE PROPER SUBLET FIELD AS IDENTIFIED and THAT SUBLET EXPENSE COPIES REMAIN ATTACHED TO YOUR COPY OF THE REPAIR ORDER.

Please note that in some instances vehicles repaired prior to this action already have improved coils (reference "Parts Information" on Page 2) and do not require replacement.

The above reimbursement codes assume all coils were replaced on respective vehicles.
Adjustments will be made on claims where improved coil replacement occurred prior to initiation of the WG Service Action.

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

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

California Emission Recall Requirements – For California Dealers ONLY

The California Air Resources Board and the Department of Motor Vehicles (DMV) require that emissions-related recalls be completed prior to vehicle registration renewal. **It is, therefore, imperative that upon completion of this recall work that you provide the owner with a signed "Vehicle Emission Recall – Proof of Correction" Certificate.** This certificate, #RC0801 CALEM ALL, will accompany the California owner notification letters. The California Department of Motor Vehicles requires that the size and color of the certificate is identical to the sample provided in this package. Therefore, *if you need additional certificates please order them through Dymet using the above-mentioned order number.*

Service Action Verification

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

Service Help

If you have questions regarding this or any other recall or service action, please call (800) 741-2919.

Dealer Personnel Information

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

Thank you for your cooperation.



Maria Cotter
Product Compliance

Volkswagen of America, Inc.



3800 Hamlin Road
Auburn Hills, MI 48326

California Regulations

Dear Mr. Sample,

We are now accelerating the process of replacing all ignition coils in cars potentially affected, whether a malfunction has occurred or not. We are writing to you today to invite you to return to your Volkswagen dealer to have your vehicle updated.

If an ignition coil becomes inoperative, the engine and its electronic controls are designed to keep your vehicle running. Your Malfunction Indicator Lamp (MIL) will illuminate and you may experience some deterioration in performance. This condition may also affect the emissions of your vehicle. You can continue driving and should take your car to the nearest Volkswagen dealer for repair.

The update to your vehicle will take less than one hour. Please call the service department of your Volkswagen dealer to schedule an appointment.

*California regulations require that this repair be completed prior to the time that you renew your vehicle registration. **Please make sure that this repair is completed prior to the renewal of your vehicle registration** and that you furnish proof of repair to the DMV in the form of a copy of the dealer's repair order including a signed "Emission Campaign Performance Authorization" which is enclosed with this letter. Please retain the signed certification form with your vehicle records. **DO NOT MAIL THIS FORM to the Department of Motor Vehicles (DMV) unless requested.***

If you are the lessor and registered owner of the vehicle identified in this action, please forward this information immediately by first class mail to the lessee.

If you have already incurred out-of-pocket expenses, please write us at the address below, and we'll be happy to reimburse you. Please include any receipts you might have along with your letter.

Volkswagen of America, Inc.
Attn: Customer Relations
3499 Hamlin Road
Rochester Hills, MI 48309

I want to emphasize that taking care of you, our customer, remains our highest priority and we thank you for your patience. If you have any further questions, or require assistance locating a Volkswagen dealer, please visit vw.com or call us directly at (800) 822-8987.

Thank you for your continued loyalty.

Sincerely,

Frank Maguire
Vice President

Volkswagen of America, Inc.



3800 Hamlin Road
Auburn Hills, MI 48326

49 States

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Sincerely,

Frank Maguire
Vice President

Volkswagen of America, Inc.



3800 Hamlin Rd.
Auburn Hills, MI 48326

June 2004

Dear Volkswagen Dealer:

This letter is to inform you that the WG Service Action circular has been updated and is now posted on web VESIS and the VW Hub.

Please share this information with all personnel with campaign-related responsibilities.

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

Regards,

A handwritten signature in cursive script that reads "Maria Cotter".

Maria Cotter
Product Compliance