



**Important!**

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# Technical Bulletin

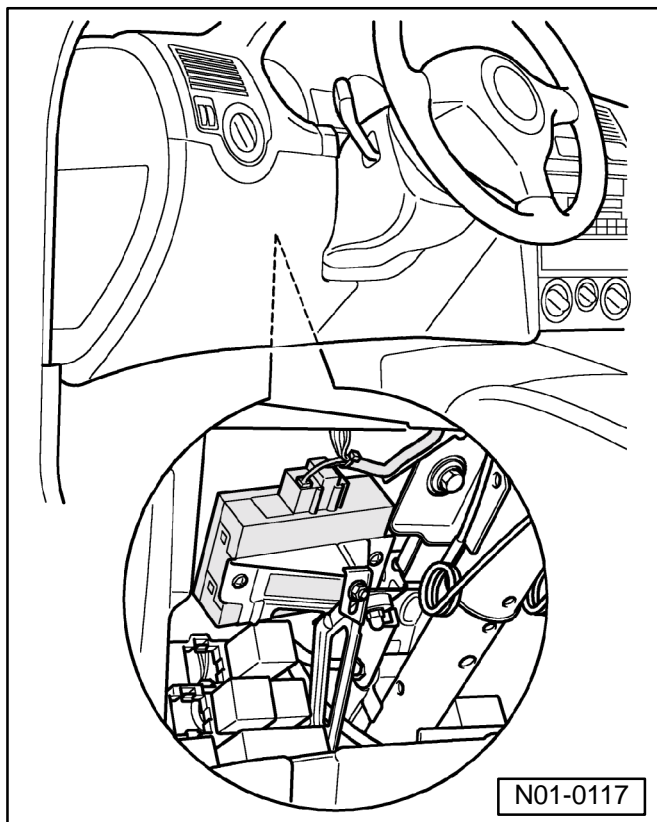
**Subject: Radio Frequency Remote Control Functions Only at  
Close Range**

**Group: 01**

**Number: 99-13**

**Model(s): New Jetta**

**1999 See VIN Below Date: July 28, 1999**



## Condition

Radio frequency remote control functions only  
at close range.

May be caused by missing radio frequency  
remote control antenna wire on vehicles up to  
and including VIN: 3VWRC29M0XM043029.

## Service

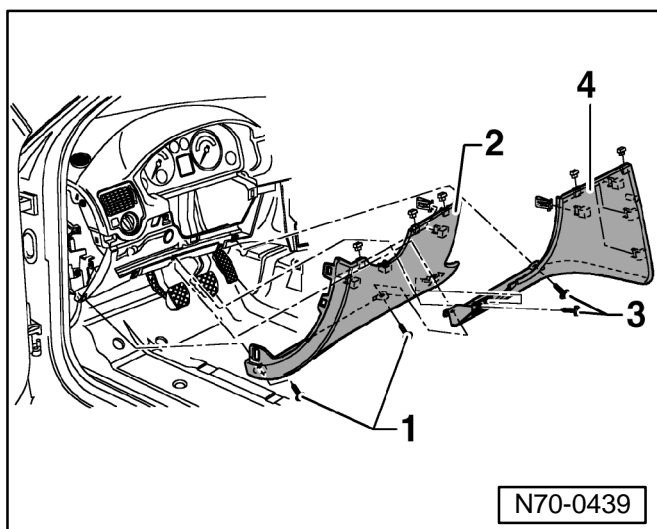
If radio frequency remote control antenna wire  
is not installed. Install antenna wire Part No:  
1JM 970 228 as follows:

- Disconnect battery ground (GND) strap  
before working on the electrical system.

### **Note:**

*Obtain radio code before disconnecting battery.*

- ◀ Locate Comfort system Electronic Control  
Module (ECM) next to steering column.



## Comfort System ECM, accessing

- Remove two screws -1-.
- Unclip top of trim -2-.
- Remove two screws -3-.
- Unclip top of trim -4-.
- Remove screws from Data Link Connector  
(DLC).

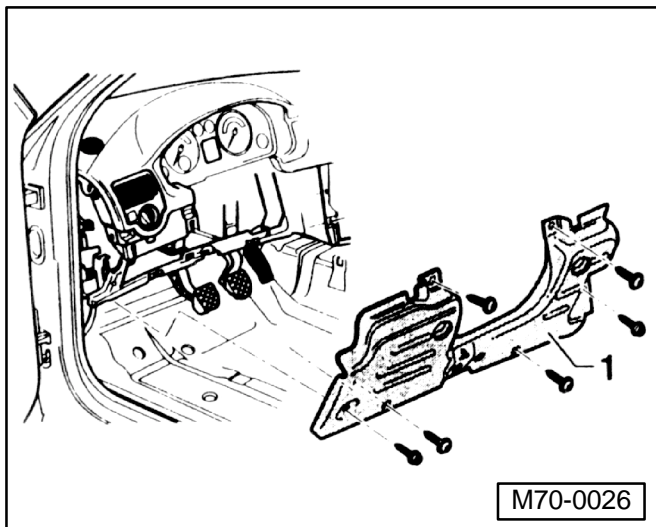
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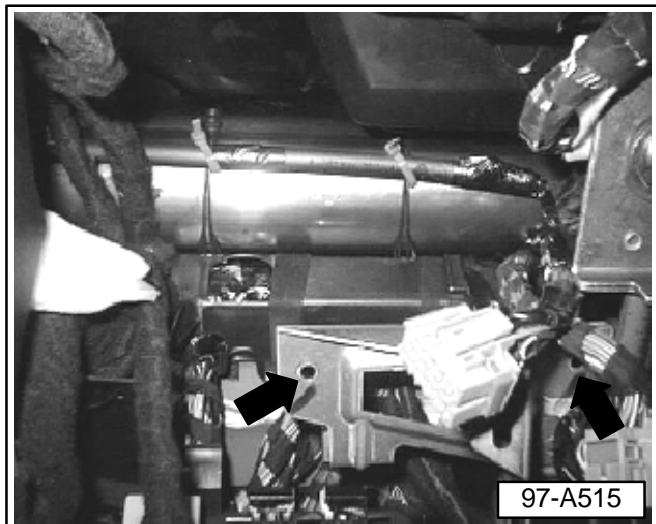
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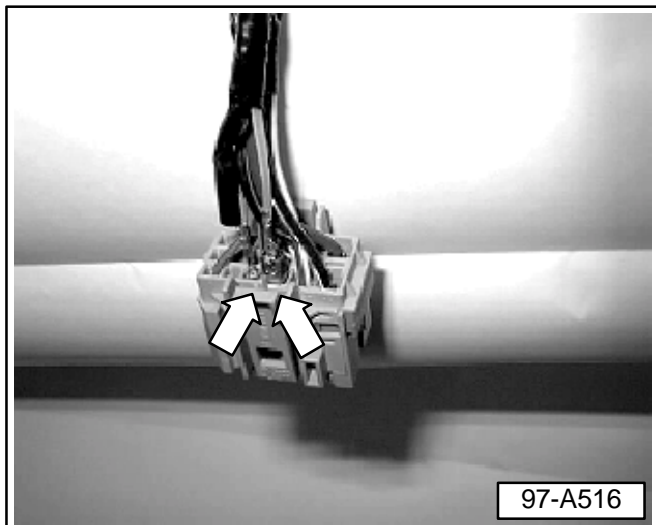
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- Remove six screws.
- Remove sound damper panel -1-.



- Remove two ECM fastening screws -arrows-.
- Remove brown 15 pin connector from ECM.



## Antenna wire, installing

- ◀ - Install antenna Part No: 1JM 970 228 into brown 15 pin connector.

### **CAUTION!**

*Part numbers are for reference only.  
Always check with your Parts Dept. for  
the latest parts information.*

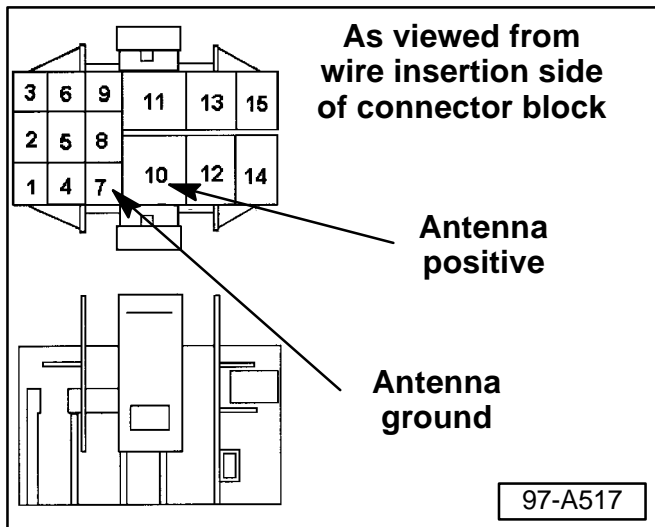
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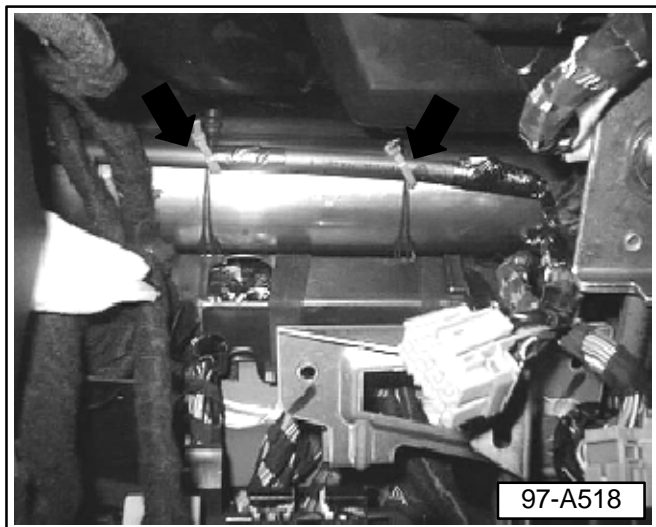
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- ◀ - Insert antenna ground terminal (wire with smaller terminal) into cavity 7 of control module connector.
- Insert antenna positive terminal (wire with larger terminal) into cavity 10 of control module connector.
- Route and secure antenna to ECM harness using electrical tape.



- ◀ - Route antenna along body cross member and attach using two plastic tie straps -arrows- Part No: N 020 902 2 to the two bands around the cross member as shown.

Install ECM, sound damper panel and trim in reverse order of removal.

**WARNING!**

***Ensure that there is no person inside the vehicle when connecting battery ground strap.***

- Connect battery ground (GND) strap.
- Connect VAG 1551 Scan Tool.
- Check all systems for stored DTC's.
- Erase any stored DTC's.

Perform the following as necessary:

- Set Climatronic, power window, and power seat adaptation per Repair Manual and/or Owner's Manual.
- Set engine basic settings (Electronic Throttle Control Adaptation).

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- Set transmission basic settings.
- Set readiness code.
- Set clock, radio anti-theft code and program radio station presets.

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

**Part Identifier: 5789**

**Labor Operation: 5789510 90 TU**