



Technical Service Bulletin

57 Radio, Reception or Remote Transmitter, Range Concerns

91 08 151 2010200/4 December 9, 2008. Supersedes Technical Service Bulletin Group 91 number 05-04 dated April 11, 2005 to change the title.

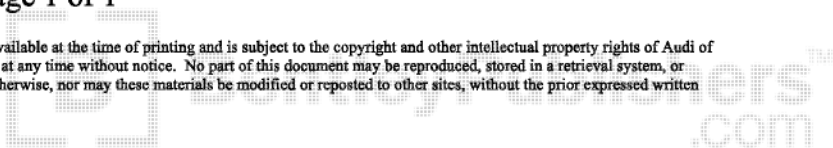
Condition

Technical Background

Production Solution

Service

Please review the attached Technical Service Bulletin.





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Important!

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Technical Bulletin

**Subject: Radio, Reception Concerns or Remote Transmitter,
Range Concerns**

Group: 91

Number: 05-04

**Model(s): A4 Sedan, S4 Sedan
A8L**

**2002 > 8E_5_400001
2004 > 2006**

Date: Apr. 11, 2005

Supersedes T.B. Group 91 number 04-01 dated Jan. 28, 2004 due to updated information

Condition

Radio reception, Remote Control Transmitter locking range, Customer reports one or more of the following conditions:

- Poor AM radio reception.
- Poor FM radio reception or fluttering sound on FM.
- Decreased remote control transmitter lock/unlock range.
- No Diagnostic Trouble Code (DTC) regarding antenna module are stored in the radio DTC memory.

May be caused by quality issues with the Antenna Selection Control Module -J515- and improper module installation.

Service

◀ Use the following to help identify if Antenna Selection Control Module -J515- (A) is faulty:

- Remove rear headliner trim.

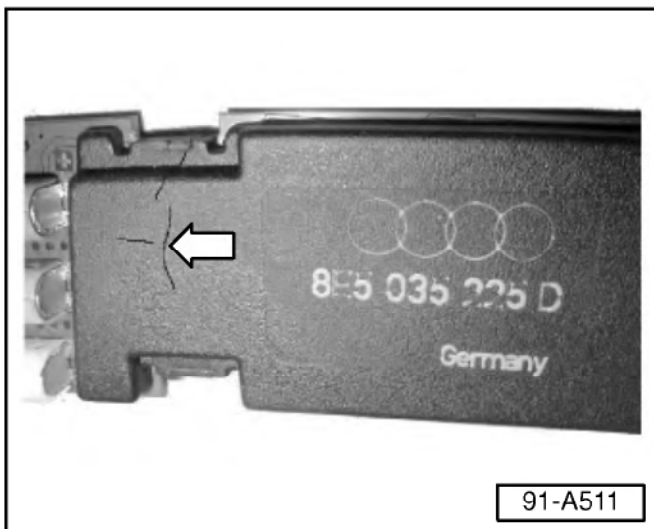
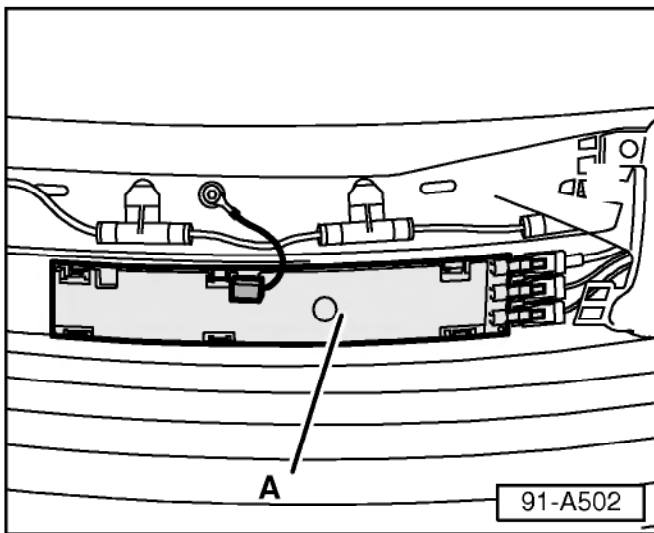
A4 - see Repair Manual Group 70 - *Roof end, assembly overview.*

A8 L - see Repair Manual Group 70 - *Roof frame, removing and installing.*

◀ - Inspect Antenna Selection Control Module -J515- housing for cracks (arrow).

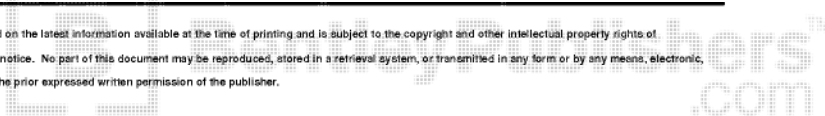
If housing is cracked:

- Replace Antenna Selection Control Module -J515-.



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If Antenna Selection Control Module -J515- housing is Ok:

Identify if the Antenna Selection Control Module -J515- is electrically faulty as follows:

Radio reception issues:

For reception issues with Symphony II or Concert II radios:

- Select an AM or FM station, that customer states is not satisfactory.
- Switch radio OFF.
- ◀ - Press and hold button (white arrow) and switch radio ON.
- ◆ The first row will show the frequency (radio station) followed by two digits (black arrow) which shows you a number for the field-strength.



A8 with MMI

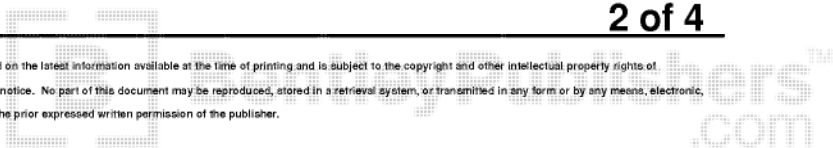
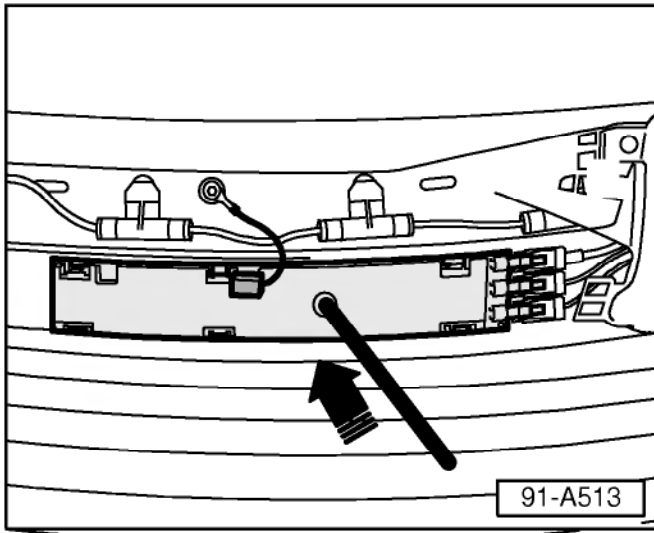
- Select an AM or FM station that customer states has reception issues.
- ◀ - Gently push Antenna Selection Control Module -J515- (in center) against glass using a non-metallic object (such as a wooden dowel or pen).

Tip:

DO NOT use your finger, as it acts as an antenna.

If the antenna module is faulty:

- ◆ An improvement of the sound quality can be heard and a rise of the field-strength is indicated (Symphony II and Concert II).





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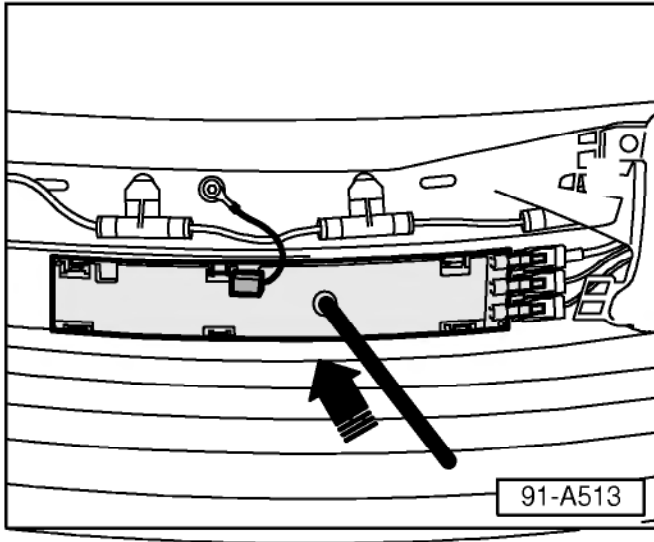
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Remote control transmitter range issues:

- Verify, if all remote control transmitters have the same range (if possible).

If the remote control transmitters don't unlock/lock at all:

- Verify that transmitters are synchronized (A4, S4 models only).



- Gently push antenna amplifier (in center) against glass using a non-metallic object (such as a wooden dowel or pen) while another person checks if transmitter range improves.

Tip:

DO NOT use your finger, as it acts as an antenna.

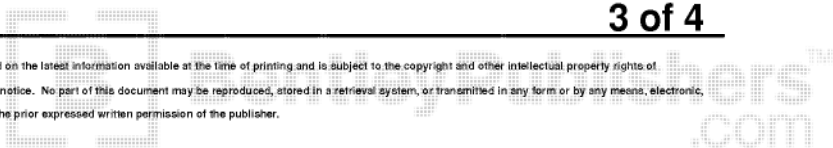
If transmitter range improves, antenna amplifier is faulty, replace using Part Nos. as follows:

Model	Old Part No:	New Part No:
A4 Sedan	8E5 035 225D	8E5 035 225S
	8E5 035 225B	8E5 035 225P
A8	4E0 035 225	4E0 035 225S
	4E0 035 225K	4E0 035 225T

Tip:

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

Prior to installing, clean contacts on glass using Isopropyl alcohol solution.



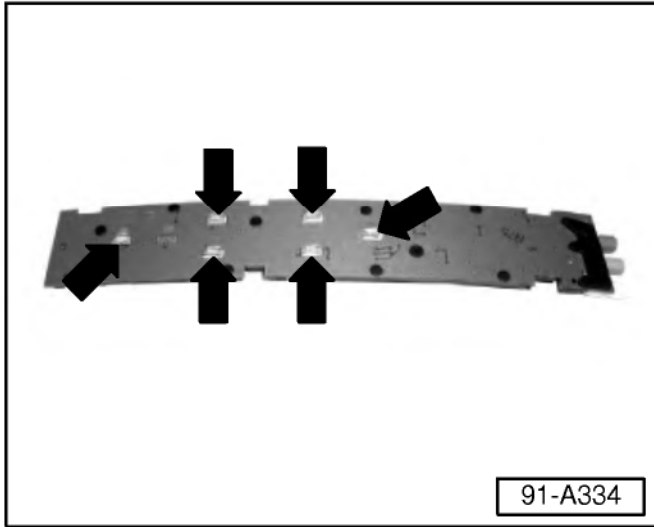


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! Note:

Use extreme care when unwrapping and installing the new antenna amplifier, as the spring contacts (arrows) can be easily bent (damaged).

DO NOT attempt to bend or clean spring contacts!

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

Claim Type:	W2
Part Identifier:	9184
Damage Code:	9184 40 ____ * 2
Labor Operation: includes roof trim removal and installation	91841920 = 20TU
Diagnostic Time:	Maximum 35 TU Diagnosis time
Claim Comment: Input as per Technical Bulletin A910504 into the comment section of warranty claim	

^{*)} Code per Warranty Vendor code policy.

