



Technical Bulletin

Subject: **Folding Key (Keyless Remote Transmitter), Increasing Distance Range**

Group: **57**

Number: **98-03**

Model(s): **A8**

1998

Date: **Aug. 19, 1998**

Condition

Low remote transmitter range (remote functions operate only within 5 feet or less).

Note:

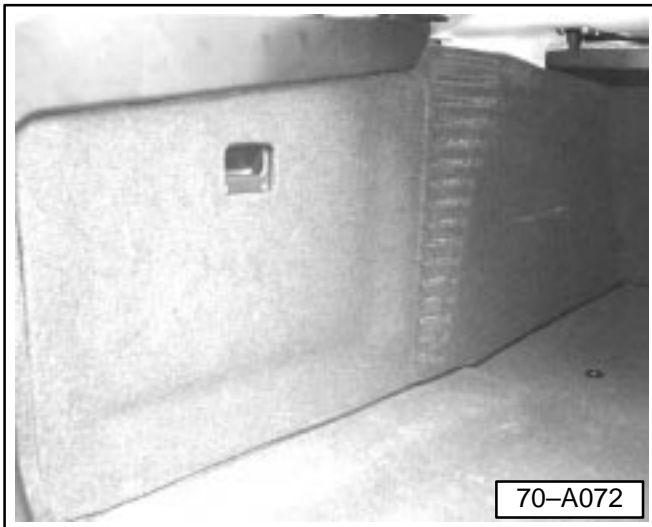
Only on folding key transmitters.

Service

- Verify condition.

Install new remote transmitter antenna lead Part No: 8D1 971 650A from central locking control unit wiring harness connector (inside vehicle) to the outside of vehicle as follows:

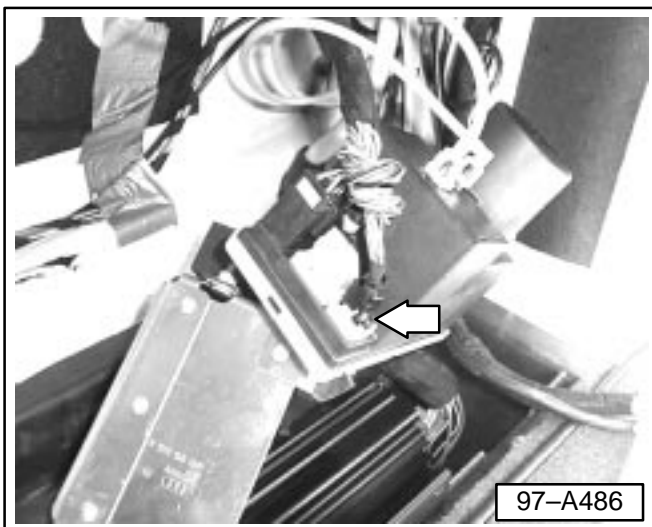
- ◀ - Completely remove left rear wheel house carpet and CD changer to gain access to central locking control unit and wiring harness.
- Remove central locking control unit.



Note:

For proper removal of wiring terminals use connector test kit VAS 1978.

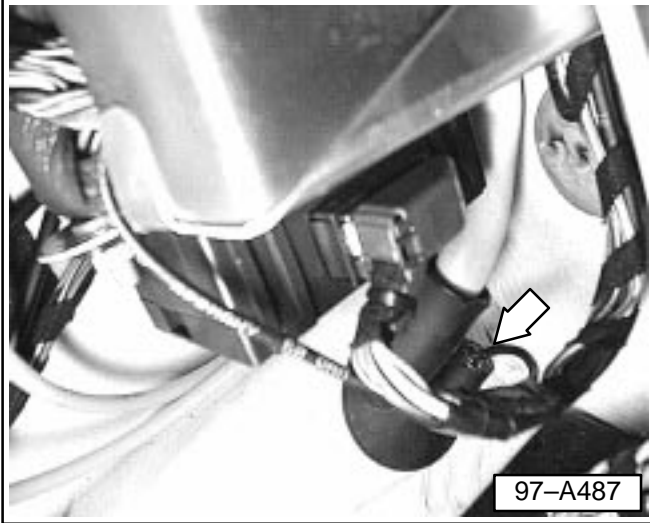
- ◀ - Remove terminals from cavities 1 and 7 of antenna lead in connector -A- (arrow) of the central locking control unit (note which cavity the antenna shield wire is removed from).
- Insert new antenna shield wire (braided) into this cavity.
- Insert remaining antenna wire into other open cavity.



(Cont. on Page 2)



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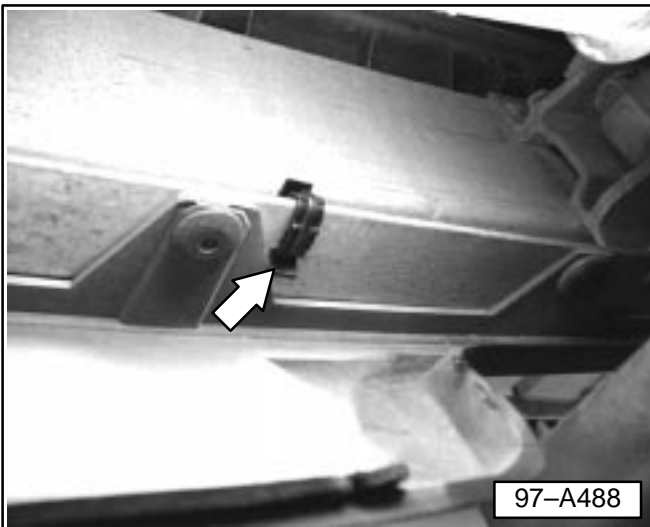


- Tape old antenna connector terminals back to wiring harness.

- ◀ - Locate small rubber grommet for sunroof drain in rear body panel -arrow-. Trim and excess rubber, then pierce a hole just large enough to push antenna lead through to outside of vehicle.

- Seal antenna lead where it passes through the grommet with small quantity of silicone sealant (RTV).

- Reinstall remote locking control unit.



- ◀ - Route antenna lead through grommet, along backside of bumper (attach to lower bumper using 4 plastic clips, Part No.: 321 971 897 as shown).

- Reinstall CD changer, wheelhouse carpet and trim.

- Quality check remote locking system.

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

Part Identifier: 5708

Labor Operation: 5708510 60TU