



Technical Bulletin

Subject: **Left Front Speaker Inoperative**

Group: **91**

Number: **98-01**

Model(s): **All with Concert Radio without
BOSE Sound System**

1998

Date: **Mar. 13, 1998**

Condition

Left front speaker inoperative (vehicles with Concert radio, without BOSE sound system).

May be caused by incorrect radio control module (internal to the radio) coding.

- Vehicles without BOSE sound system; the left front door speaker is also used for the telephone.
- Vehicles with BOSE sound system; a separate telephone speaker is located in the lower B-Pillar trim (A8) and the left front door panel (A6, A4).

When a "Concert" radio is coded for a BOSE sound system and the vehicle is not equipped with a BOSE sound system, the left front speaker will become inoperative.

Service

- Identify if vehicle is equipped with a BOSE sound system.

BOSE sound system, identifying

To identify a BOSE sound system in A8, A6 and A4 Avant models:

- Check for a BOSE logo on the front door speakers.

To identify a BOSE sound system in the A4 sedan model:

- Remove radio.
- Inspect the brown pin connector for 2 wires (BOSE) or 4 wires (non-BOSE).
- Reinstall radio and check coding.

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Radio control module, coding

With VAG 1551 properly connected, check coding of vehicle sound system:

| | |
|--------------|-------------|
| 4B0035186 | Radio D01 → |
| Coding 00205 | WSC 06812 |

◀ Indicated on display.

If incorrectly coded, code according to the equipment level of the vehicle as listed below also, see radio coding in Repair Manual – Radio, Telephone, Navigation.

Radio coding table

| 5 | 4 | 3 | 2 | 1 | Decimal places of byte coding on scan tool display |
|---|---|---|---|---|--|
| | | | | | |
| | | | | | Radio configuration |
| | | | | 1 | Without CD changer and without secondary display |
| | | | | 3 | With CD changer and without secondary display |
| | | | | 5 | Without CD changer and with secondary display |
| | | | | 7 | With CD changer and with secondary display |
| | | | | | |
| | | | | | Sound system adjustment |
| | | | 0 | | Standard (no BOSE sound system) |
| | | | 1 | | BOSE sound system |
| | | | | | |
| | | | | | Number of passive loudspeakers |
| | | 1 | | | 1 passive loudspeaker, left-front (BOSE with pre-wiring for telephone) |
| | | 2 | | | Standard: 2 passive loudspeakers (front) 2 Active loudspeakers (rear) |
| 0 | 0 | | | | Both are always 0 |

Sample coding

| 0 | 0 | 1 | 1 | 7 | Example |
|---|---|---|---|---|---|
| | | | | | |
| | | ↑ | ↑ | ↑ | With CD changer and with secondary display |
| | | | | | |
| | | | | | BOSE sound system |
| | | | | | |
| | | | | | 1 passive loudspeaker, left-front (BOSE with telephone) |

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Sample coding

| | | | | | |
|---|---|---|---|---|---|
| 0 | 0 | 2 | 0 | 5 | Example |
| | | ↑ | ↑ | ↑ | |
| | | | | | Without CD changer and with secondary display |
| | | | | | |
| | | | | | Standard (no BOSE sound system) |
| | | | | | |
| | | | | | Standard: 2 passive loudspeakers (front) 2 Active loudspeakers (rear) |