











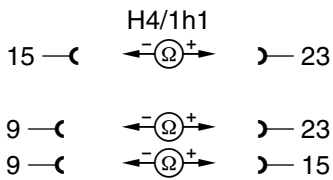
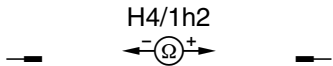
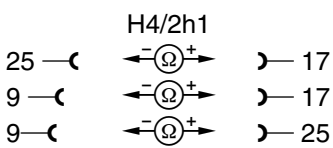
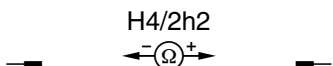
Electrical Test Program – Test

| ⇒ | Test scope | Test connection | Test condition | Nominal value | Possible cause/Remedy |
|-----|---|---|--|---|---|
| 1.0 | Left/right audio power amplifier (N40/3) Voltage supply | 9 —  <div style="display: inline-block; text-align: center; vertical-align: middle;"> N40/3  ← — — — → </div> <div style="display: inline-block; text-align: center; vertical-align: middle;"> — 26 </div> | Disconnect connector from N40/3. Radio (A2): OFF | 11 – 14 V | Fuse 14 in fuse and relay box (F1), Fuse in N40/3, see Figure 1, Ground (right A-pillar) (W29/2), Wiring, Values OK: ⇒ 1.1 |
| 1.1 | Control voltage from radio (A2) | 9 —  <div style="display: inline-block; text-align: center; vertical-align: middle;"> N40/3  ← — — — → </div> <div style="display: inline-block; text-align: center; vertical-align: middle;"> — 8 </div> | Disconnect connector from N40/3. Radio (A2): ON | 11 – 14 V | Wiring, Radio (A2), see 3.1 23, Values OK: ⇒ 2 |
| 2.0 | Left/right audio power amplifier (N40/3) Loudspeaker signal from radio (A2) <div style="display: flex; justify-content: space-between;"> <div> Left front: Right front: </div> <div> 3 —  4 —  </div> </div> | <div style="display: flex; justify-content: space-between;"> <div> 3 —  4 —  </div> <div> <div style="display: inline-block; text-align: center; vertical-align: middle;"> N40/3  ← — — — → </div> <div style="display: inline-block; text-align: center; vertical-align: middle;">  ← — — — → </div> </div> <div style="display: flex; justify-content: space-between;"> <div> — 5 — 6 </div> </div> </div> | Disconnect connector from N40/3. Radio (A2): ON Turn volume control to maximum. | > 0.2 V Short voltage surges permitted | Wiring, Radio (A2), see 3.1 23, AD82.60 in WIS |

5.11 Loudspeaker System (LS)

Model 170







Electrical Test Program – Test

| ⇒ | Test scope | Test connection | Test condition | Nominal value | Possible cause/Remedy |
|-----|---|---|---|---------------------------|---|
| 3.0 | Speaker 2 (H4/1h2) of the left front door speaker group (H4/1) |  | Provide access to N40/3 Remove passenger side floor board. Disconnect connector from N40/3. Radio (A2): OFF | 1.5 – 2.5 Ω ∞ Ω ∞ Ω | Wiring, Speaker 2 (H4/1h1), Values OK: N40/3 |
| 4.0 | Speaker 2 (H4/1h2) of the left front door speaker group (H4/1) |  | Remove interior door panel. Measure directly at speaker. | 7.5 – 8.5 Ω | Wiring, Speaker 2 (H4/1h2), Values OK: N40/3 |
| 5.0 | Speaker 1 (H4/2h1) of the right front door speaker group (H4/2) |  | Provide access to N40/3 Remove passenger side floor board. Disconnect connector from N40/3. Radio (A2): OFF | 1.5 – 2.5 Ω ∞ Ω ∞ Ω | Wiring, Speaker 1 (H4/2h1), Values OK: Left/right audio power amplifier (N40/3). |
| 6.0 | Speaker 2 (H4/2h2) of the right front door speaker group (H4/2) |  | Remove interior door panel. Measure directly at speaker. | 7.5 – 8.5 Ω | Wiring, Speaker 2 (H4/2h2), Values OK: N40/3 |

5.11 Loudspeaker System (LS)

Model 170

Electrical Test Program – Test

| ⇒ | Test scope | Test connection | Test condition | Nominal value | Possible cause/Remedy |
|-----|--|---|---|---------------------------|---|
| 7.0 | Left rear speaker group (H4/7) | H4/7 12 —  — 20 9 —  — 20 9 —  — 12 | Provide access to N40/3 Remove passenger side floor board. Disconnect connector from N40/3. Radio (A2): OFF | 1.5 – 2.5 Ω ∞ Ω ∞ Ω | Wiring, H4/7, Values OK: N40/3 |
| 8.0 | Right rear speaker group (H4/8) | H4/8 11 —  — 19 9 —  — 19 9 —  — 11 | Provide access to N40/3 Remove passenger side floor board. Disconnect connector from N40/3. Radio (A2): OFF | 1.5 – 2.5 Ω ∞ Ω ∞ Ω | Wiring, H4/8, Nominal values OK: N40/3 |

Electrical Test Program – Test

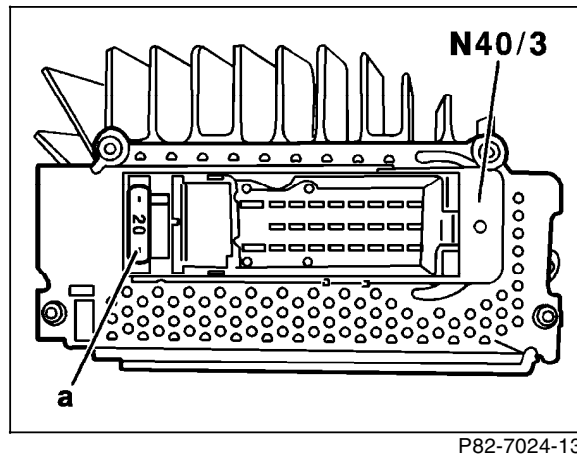


Figure 1

N40/3 Left/right audio power amplifier

a Fuse

Connections on back of Radio

Figure 2

A

- 1 Speed-sensitive volume control
- 2 Not used
- 3 Muting by telephone system
- 4 Permanent plus (circuit 30)
- 5 Automatic antenna control
- 6 Illumination (circuit 58)
- 7 Switched plus (circuit 15)
- 8 Ground (circuit 31)

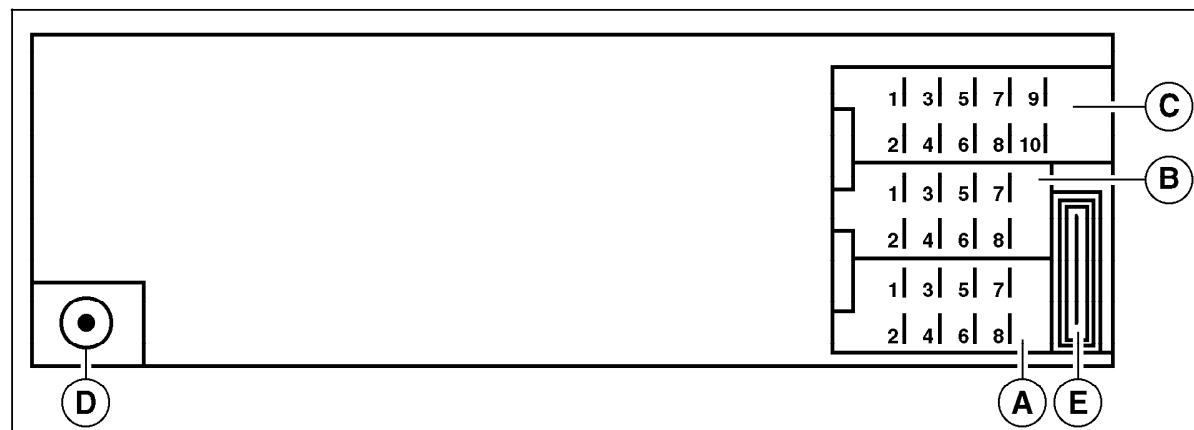
B

- 1 Right rear loudspeaker +
- 2 Right rear loudspeaker -
- 3 Right front loudspeaker +
- 4 Right front loudspeaker -
- 5 Left front loudspeaker +
- 6 Left front loudspeaker -
- 7 Left rear loudspeaker +
- 8 Left rear loudspeaker -

C Connector for CD changer, coding (via wiring harness)

D Antenna jack

E Fuse



P82-6245-53