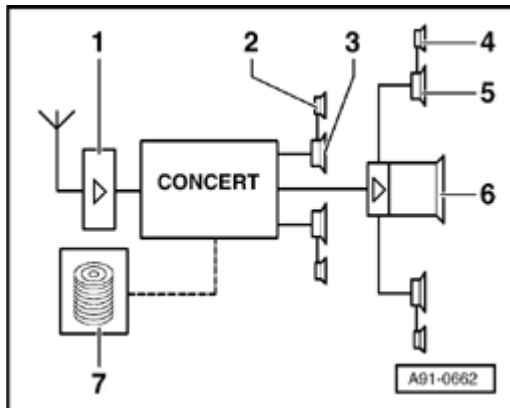


**Audi > C5 > 1998-2005
Communication
91 - Radio systems**

Radio systems, layouts and terminal assignments

"Concert" radio, layout



- 1 - Sedan - rear window antenna with antenna amplifier, Avant - roof antenna with amplifier through m.y. 2001
- 1 - Sedan - rear window antenna with Diversity-box, Avant - roof antenna with Diversity-box from m.y. 2002
- 2 - Front treble/mid-range loudspeaker in upper part of front door trim
- 3 - Front bass loudspeaker in lower part of front door trim
- 4 - Rear treble/mid-range loudspeaker in upper part of rear door trim
- 5 - Rear bass loudspeaker in lower part of rear door trim
- 6 - Bass loudspeaker (subwoofer) in rear of luggage compartment on right-hand side, under side trim
- 7 - CD changer (optional) in left rear luggage compartment storage box

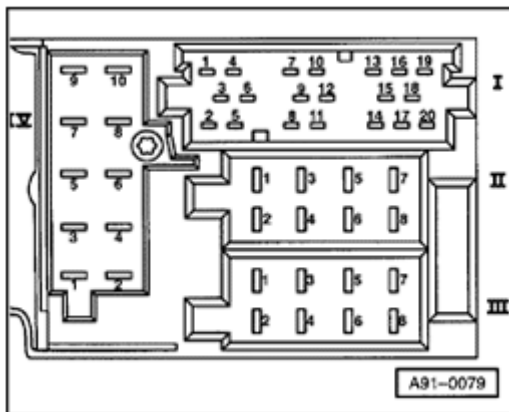
"Concert" radio, Multi-pin connection terminal assignments

Note:

- ◆ *Terminals which are not listed are vacant/unassigned.*

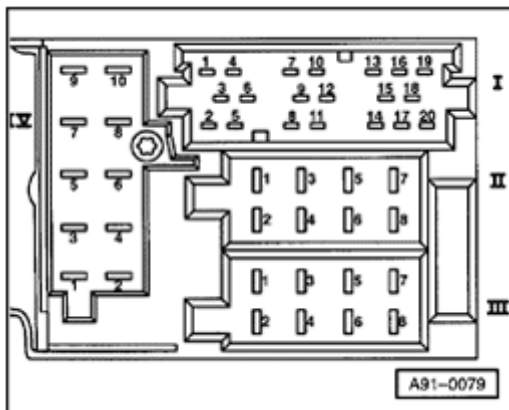
Multi-pin connection I, 20-pin

- 1 - Line output - left rear
- 2 - Line output - right-rear
- 3 - Line output - Ground (GND)
- 6 - Switched positive supply for active loudspeakers
- 7 - CAN-Bus High (Infotainment) from m.y. 2002
- 8 - Clock signal for radio frequency display in instr. cluster through m.y. 2001
- 9 - Data signal for radio frequency display in instr. cluster through m.y. 2001
- 10 - Enable signal for radio frequency display in instr. cluster through m.y. 2001
- 11 - Steering wheel remote control through m.y. 2001
- 12 - CAN-Bus Low (Infotainment) from m.y. 2002
- 13 - Data-in signal for CD display in instrument cluster
- 14 - Data-out signal for CD display in instrument cluster
- 15 - Clock signal for CD display in instrument cluster
- 16 - Battery positive B+ (CD changer)
- 17 - Switched positive for CD changer
- 18 - Ground (GND) for CD changer
- 19 - Line output - left channel (CD changer)
- 20 - Line output - right (CD changer)



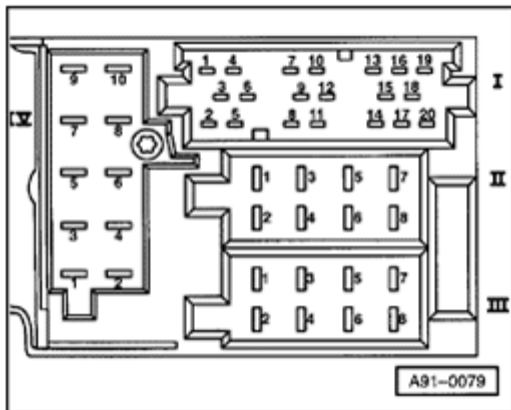
Multi-pin connection II, 8-pin, brown

- 3 - Loudspeaker + right-front
- 4 - Loudspeaker - right-front
- 5 - Loudspeaker + left-front
- 6 - Loudspeaker - left-front



Multi-pin connection III, 8-pin, black

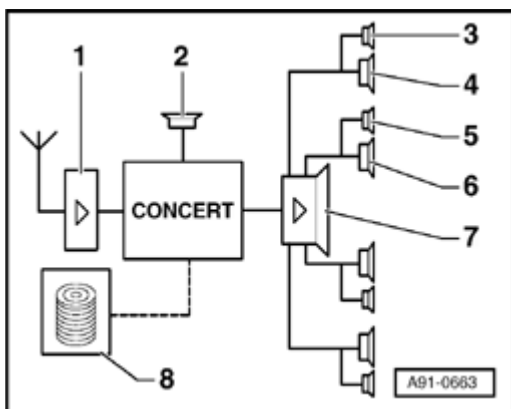
- 1 - GALA (vehicle speed signal) through m.y. 2001
- 2 - Telephone muting through m.y. 2001
- 2 - Anti-theft Ground from m.y. 2002
- 3 - K, for On Board Diagnostic (OBD) through m.y. 2001
- 3 - L, for On Board Diagnostic (OBD) from m.y. 2002
- 4 - Connection for switching on and off via ignition key (S-contact) - terminal 86s through m.y. 2001
- 5 - Control positive for automatic antenna (only for mirrored glass) through m.y. 2001
- 6 - Switch illumination (terminal 58s) through m.y. 2001
- 7 - Battery + (terminal 30)
- 8 - Ground (GND, terminal 31)



Multi-pin connection IV, 10-pin, red

- 1 - Telephone muting
- 2 - Terminal 15 (only for navigation) through m.y. 2001
- 3 - Telephone (NF+) (not when equipped with navigation)
- 4 - Telephone (NF-) (not when equipped with navigation)
- 5 - Navigation system (NF +)
- 6 - Navigation system (NF -)
- 7 - Navigation system control wire
- 9 - Display illumination (terminal 58d) through m.y. 2001
- 10 - CD Ground through m.y. 2001

"Concert" radio with BOSE sound system, layout

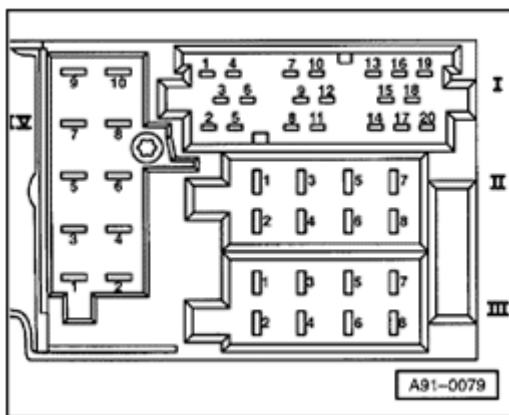


- 1 - Sedan - rear window antenna with antenna amplifier, Avant - roof antenna with amplifier through m.y. 2001
- 1 - Sedan - rear window antenna with Diversity-box, Avant - roof antenna with Diversity-box from m.y. 2002
- 2 - Hands-free Telephone/Navigation loudspeaker through m.y. 2001
- 3 - Front treble/mid-range loudspeaker in upper part of front door trim
- 4 - Front bass loudspeaker in lower part of front door trim
- 5 - Rear treble/mid-range loudspeaker in upper part of rear door trim
- 6 - Rear bass loudspeaker in lower part of rear door trim
- 7 - Bass loudspeaker with BOSE power amplifier in rear of luggage compartment on right-hand side, under side trim
- 8 - CD changer (optional) in left rear luggage compartment storage box

"Concert" radio with BOSE sound system, Multi-pin connection terminal assignments

Note:

✦ *Terminals which are not listed are vacant/unassigned.*



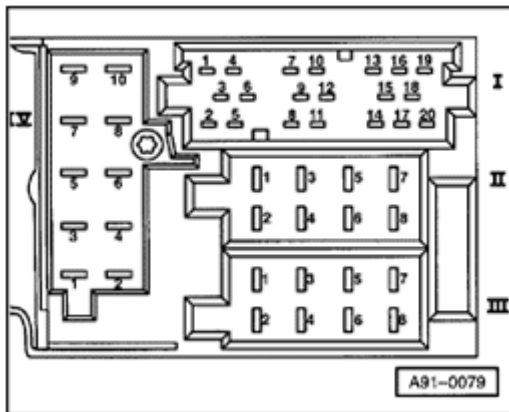
Multi-pin connection I, 20-pin

- 1 - Line-output - left-rear
- 2 - Line-output - right-rear
- 3 - Line output - Ground (GND)
- 4 - Line-output - left-front
- 5 - Line -output - right-front
- 6 - Switched positive supply for BOSE amplifier
- 7 - CAN-Bus High (Infotainment) from m.y. 2002
- 8 - Clock signal for radio frequency display in instr. cluster through m.y. 2001
- 9 - Data signal for radio frequency display in instr. cluster through m.y. 2001
- 10 - Enable signal for radio frequency display in instr. cluster through m.y. 2001
- 11 - Steering wheel remote control through m.y. 2001
- 12 - CAN-Bus Low (Infotainment) from m.y. 2002
- 13 - Data-in signal for CD display in instrument cluster
- 14 - Data-out signal for CD display in instrument cluster
- 15 - Clock signal for CD display in instrument cluster
- 16 - Permanent B+ connection for CD changer
- 17 - Switched positive supply for CD changer

18 - Ground (GND) connection for CD changer

19 - Line output - left (CD changer)

20 - Line output - right (CD changer)



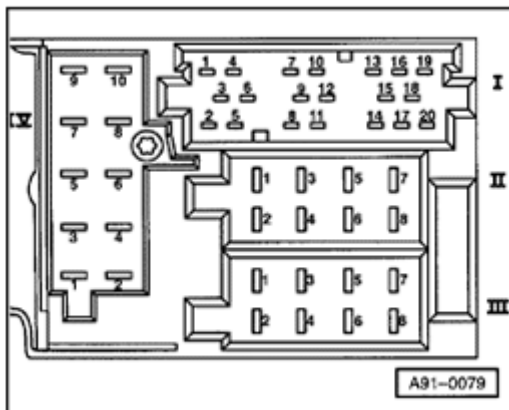
Multi-pin connection II, 8-pin, brown

3 - Loudspeaker + right-front through m.y. 2001

4 - Loudspeaker - right-front through m.y. 2001

5 - Loudspeaker + left-front through m.y. 2001

6 - Loudspeaker - left-front through m.y. 2001



Multi-pin connection III, 8-pin, black

1 - GALA (vehicle speed signal) through m.y. 2001

1 - BOSE coding from m.y. 2002

2 - Telephone muting

3 - K, for On Board Diagnostic (OBD) through m.y. 2001

3 - L, for On Board Diagnostic (OBD) from m.y. 2002

4 - Connection for switching on and off via ignition key (S-contact) - terminal 86s through m.y. 2001

5 - Control positive for automatic antenna (only for mirrored glass) through m.y. 2001

6 - Switch illumination (terminal 58s) through m.y. 2001

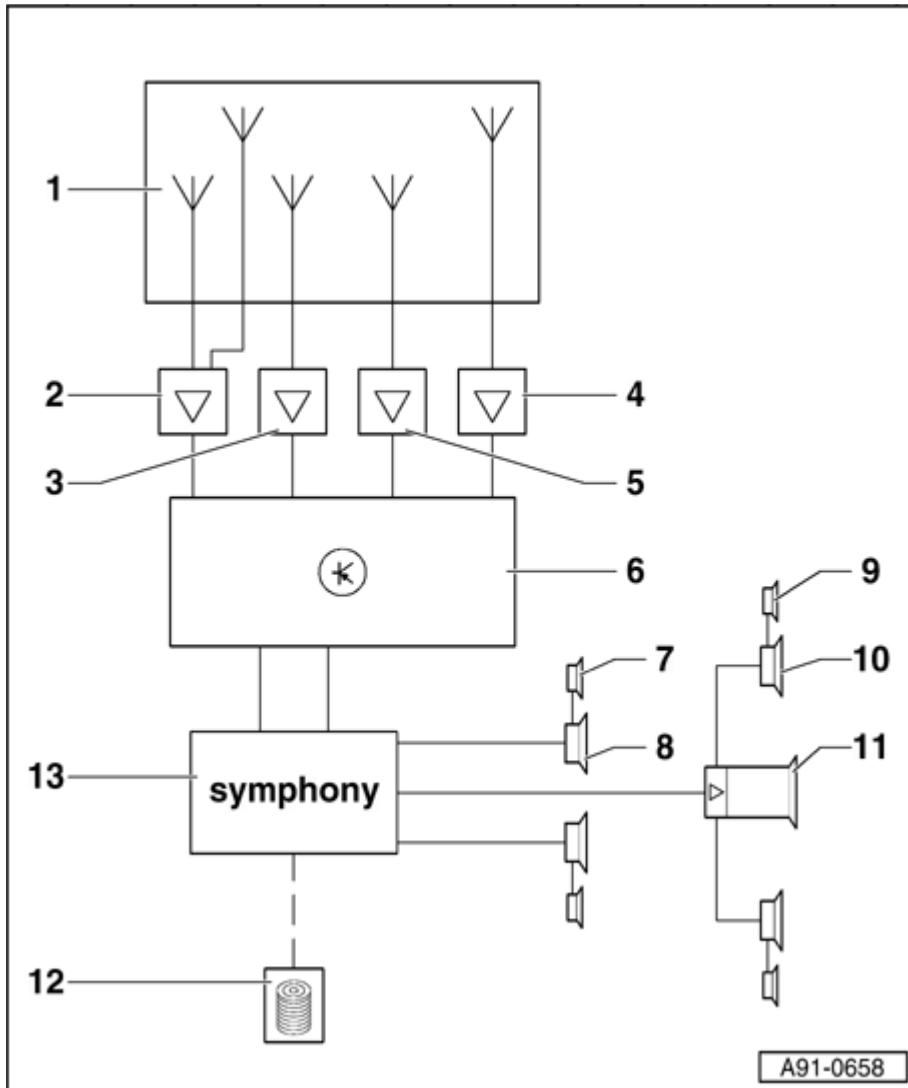
7 - Battery B+ (terminal 30)

8 - Ground (GND) (terminal 31)

Multi-pin connection IV, 10-pin, red

- 1 - Telephone muting
- 2 - Terminal 15 (only for navigation) through m.y. 2001
- 3 - Telephone (NF+) (not when equipped with navigation)
- 4 - Telephone (NF-) (not when equipped with navigation)
- 5 - Navigation system (NF +)
- 6 - Navigation system (NF -)
- 7 - Navigation system control wire
- 9 - Display illumination (terminal 58d) through m.y. 2001
- 10 - CD Ground (GND) through m.y. 2001

"Symphony" radio (Sedan), layout



1 - Rear window antennas

2 - Antenna amplifier (AM/FM4)

- ◆ Behind left D-pillar trim (top)

3 - Antenna amplifier (FM3)

- ◆ Behind left D-pillar trim (bottom)

4 - Antenna amplifier (FM1)

- ✦ Behind right D-pillar trim (top)

5 - Antenna amplifier (FM2)

- ✦ Behind right D-pillar trim (bottom)

6 - Antenna Selection Control Module

- ✦ Below parcel shelf (left)

7 - Front Midrange Speakers

- ✦ In upper front door trim

8 - Front Bass Speakers

- ✦ In lower front door trim

9 - Rear Midrange Speakers

- ✦ In upper rear door trim

10 - Rear Bass Speakers

- ✦ In lower rear door trim

11 - Bass Loudspeaker with amplifier

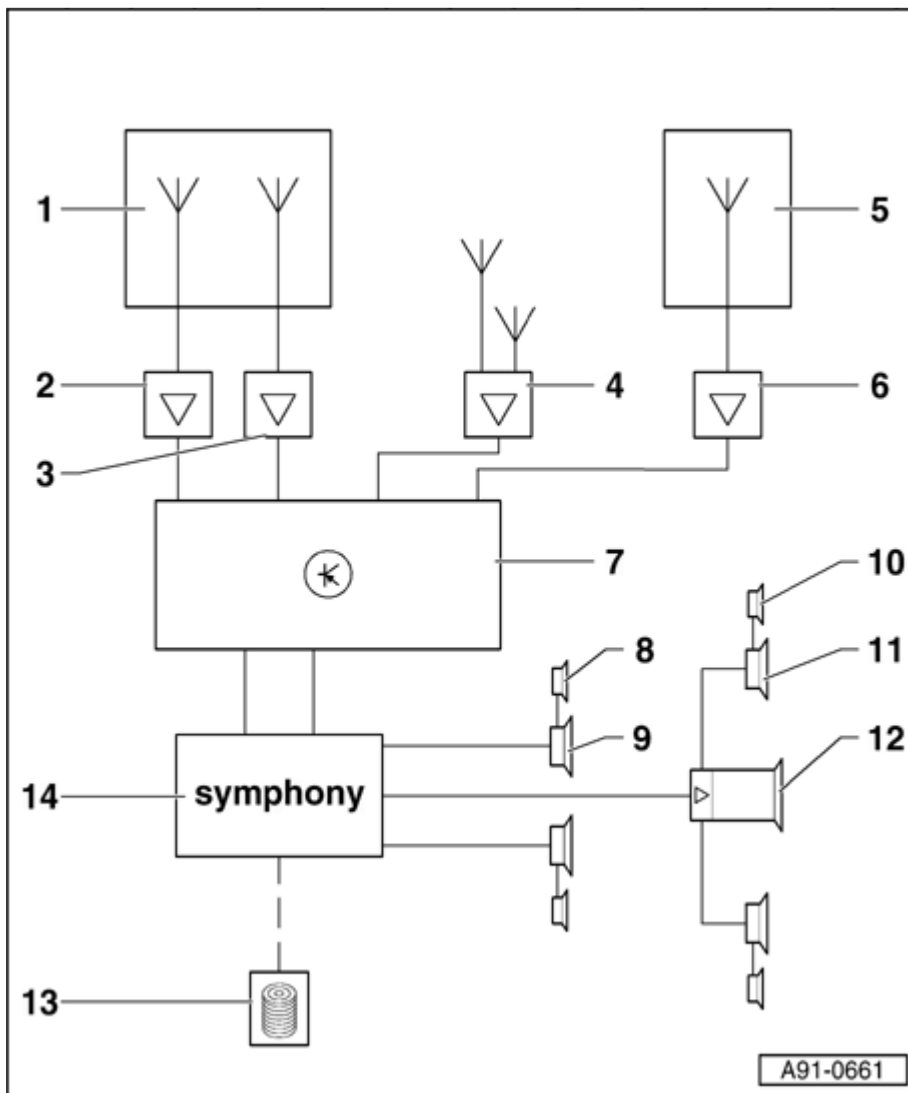
- ✦ In right rear luggage compartment behind side trim

12 - CD Changer Unit

- ✦ Optional
- ✦ In left rear luggage compartment storage box

13 - Radio - R - "Symphony"

"Symphony" radio (Avant), layout



1 - Rear window antennas (FM2/FM3) left

2 - Antenna amplifier

✦ Behind left rear side trim

3 - Antenna amplifier

✦ Behind left rear side trim

4 - Roof antenna with amplifier (AM/FM4)

5 - Side window antenna (FM1) left

6 - Antenna amplifier

✦ Behind right rear side trim

7 - Antenna Selection Control Module

✦ Next to roof antenna

8 - Front Midrange Speakers

- ✦ In upper front door trim

9 - Front Bass Speakers

- ✦ In lower front door trim

10 - Rear Midrange Speakers

- ✦ In upper rear door trim

11 - Rear Bass Speakers

- ✦ In lower rear door trim

12 - Bass speaker with amplifier

- ✦ In right rear luggage compartment behind side trim.

13 - CD Changer Unit

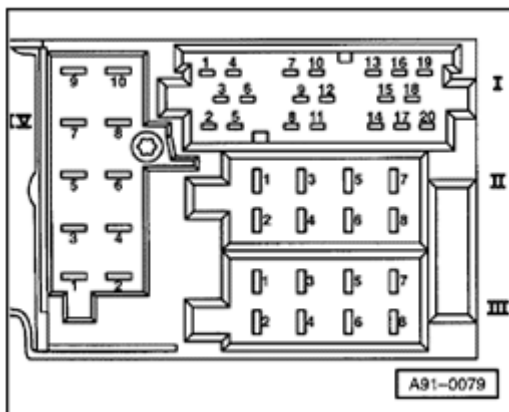
- ✦ Optional
- ✦ In left rear luggage compartment storage box

14 - Radio - R - "Symphony"

"Symphony" radio, Multi-pin connection terminal assignments

Note:

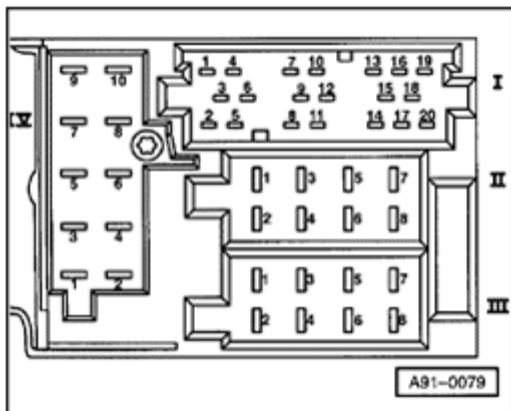
- ✦ *Terminals which are not listed are vacant/unassigned.*



20-pin multi-pin connection I

- 1 - Line output - left rear
- 2 - Line output - right rear
- 3 - Line output - Ground (GND)

- 6 - Switched positive supply for active speaker
- 7 - CAN-Bus High (Infotainment) from m.y. 2002
- 8 - Clock-signal through m.y. 2001
- 9 - Data-signal through m.y. 2001
- 10 - Enable-signal through m.y. 2001
- 10 - CD Ground (GND) from m.y. 2002
- 11 - Remote control steering wheel through m.y. 2001
- 12 - CAN-Bus Low (Infotainment) from m.y. 2002
- 13 - CD-Bus data in (CD changer)
- 14 - CD-Bus data out (CD changer)
- 15 - CD-clock (CD changer)
- 16 - Battery positive B+ (CD changer)
- 17 - CD-switched B+ (CD changer)
- 18 - CD Ground (GND) (CD changer)
- 19 - Line output - left (CD changer)
- 20 - Line output - right (CD changer)

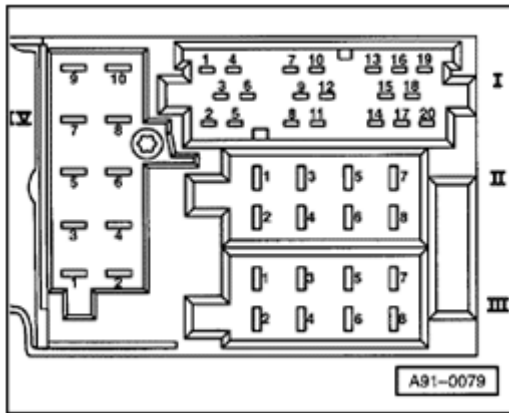


Brown 8-pin multi-pin connection II

- 3 - Loudspeaker + right front
- 4 - Loudspeaker - right front
- 5 - Loudspeaker + left front
- 6 - Loudspeaker - left front

Black 8-pin multi-pin connection III

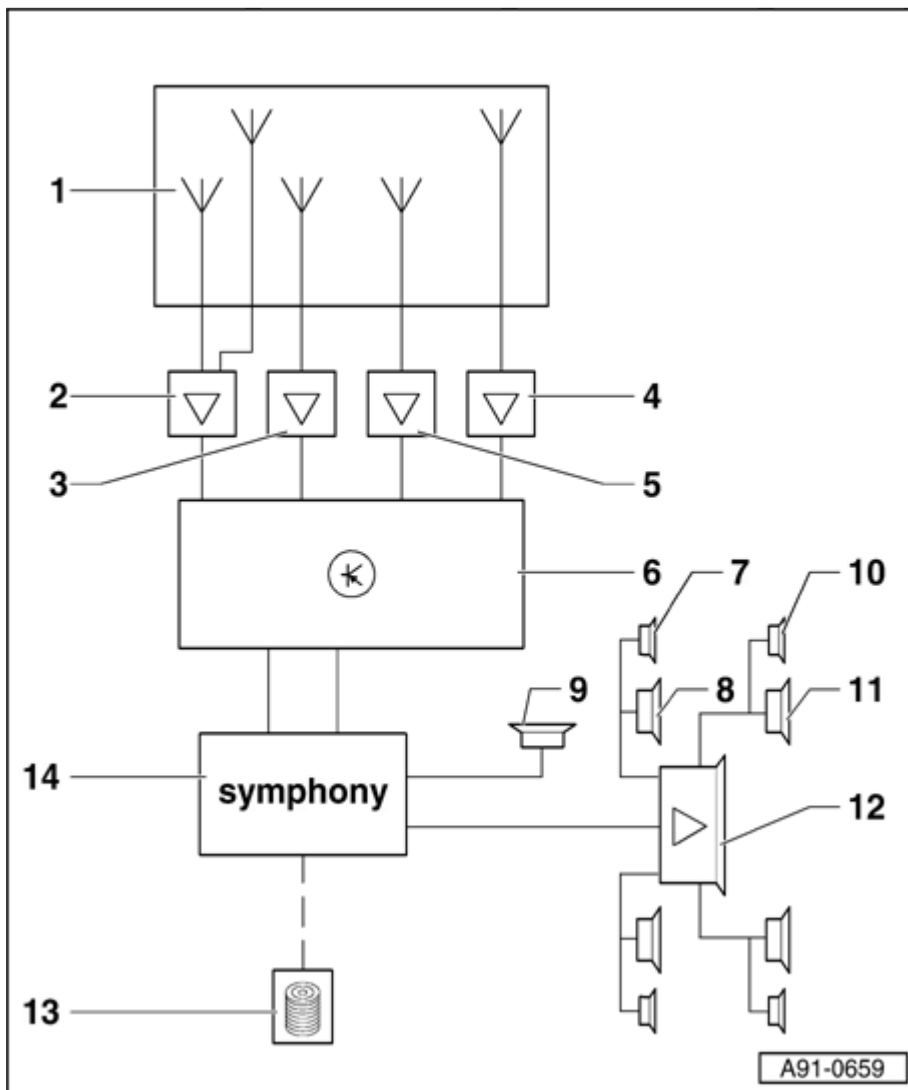
- 1 - Gala (RPM signal) through m.y. 2001
- 2 - NF-Telephone muting through m.y. 2001
- 2 - Anti-theft alarm system Ground from m.y. 2002
- 3 - K, for On Board Diagnostic (OBD) through m.y. 2001
- 3 - L, for On Board Diagnostic (OBD) from m.y. 2002
- 4 - Terminal 86s - connection for switching on and off via ignition switch (S-contact) through m.y. 2001
- 5 - Switched positive for antenna amplifier through m.y. 2001
- 6 - Illumination (terminal 58d) through m.y. 2001
- 7 - Battery B+ (terminal 30)
- 8 - Ground (GND) (terminal 31)



Red 10-pin multi-pin connection IV

- 1 - Telephone muting
- 2 - Terminal 15 (only for navigation equipment) through m.y. 2001
- 3 - Telephone (NF+) (not for navigation equipment)
- 4 - Telephone (NF-) (not for navigation equipment)
- 5 - Navigation (NF+)
- 6 - Navigation (NF-)
- 7 - Navigation control wire
- 9 - Illumination display (terminal 58d) through m.y. 2001
- 10 - CD-Ground (GND) through m.y. 2001

"Symphony" radio with "BOSE sound system" (Sedan), layout



1 - Rear window antennas

2 - Antenna amplifier (AM/FM4)

- ✦ Behind left D-pillar trim (top)

3 - Antenna amplifier (FM3)

- ✦ Behind left D-pillar trim (bottom)

4 - Antenna amplifier (FM1)

- ✦ Behind right D-pillar trim (top)

5 - Antenna amplifier (FM2)

- ✦ Behind right D-pillar trim (bottom)

6 - Antenna Selection Control Module

- ✦ Below parcel shelf (left)

7 - Front Midrange Speakers

- ✦ In upper front door trim

8 - Front Bass Speakers

- ✦ In lower front door trim

9 - Hands-free speaker

- ✦ In left B-pillar trim (only for telephone or navigation) through m.y. 2001

10 - Rear Midrange Speakers

- ✦ In upper rear door trim

11 - Rear Bass Speakers

- ✦ In lower rear door trim

12 - Bass Loudspeaker with BOSE amplifier

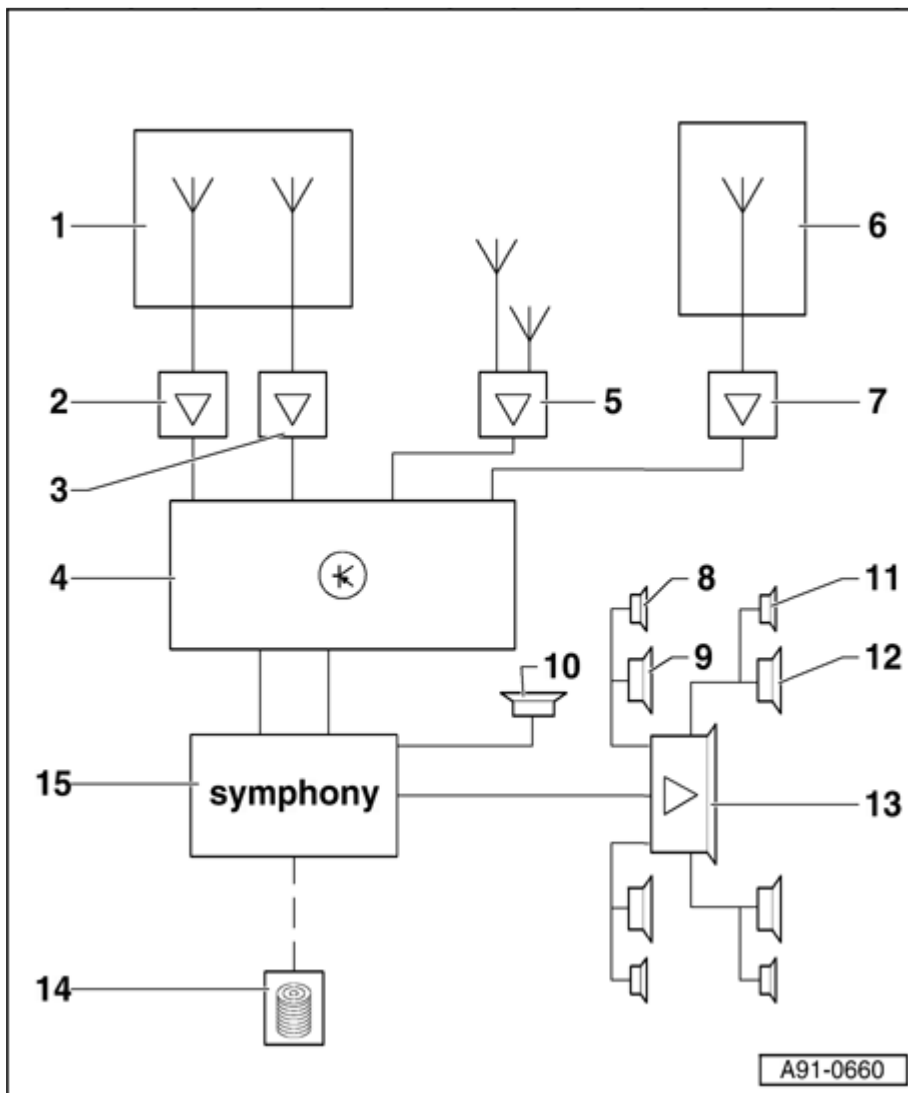
- ✦ In right rear luggage compartment behind side trim

13 - CD Changer Unit

- ✦ Optional
- ✦ In left rear luggage compartment storage box

14 - Radio - R - "Symphony"

"Symphony" radio with "BOSE sound system" (Avant), layout



1 - Left rear window antennas (FM2/FM3)

2 - Antenna amplifier

✦ Behind left rear side trim

3 - Antenna amplifier

✦ Behind left rear side trim

4 - Antenna Selection Control Module

✦ Next to roof antenna

5 - Roof antenna (AM/FM4) with amplifier

6 - Right rear window antenna (FM1)

7 - Antenna amplifier

✦ Behind right rear side trim

8 - Front Midrange Speakers

- ✦ In upper front door trim

9 - Front Bass Speakers

- ✦ In lower front door trim

10 - Hands-free speaker

- ✦ in left B-pillar trim (only for telephone or navigation) through m.y. 2001

11 - Rear Midrange Speakers

- ✦ In upper rear door trim

12 - Rear Bass Speakers

- ✦ In lower rear door trim

13 - Bass Loudspeaker with BOSE amplifier

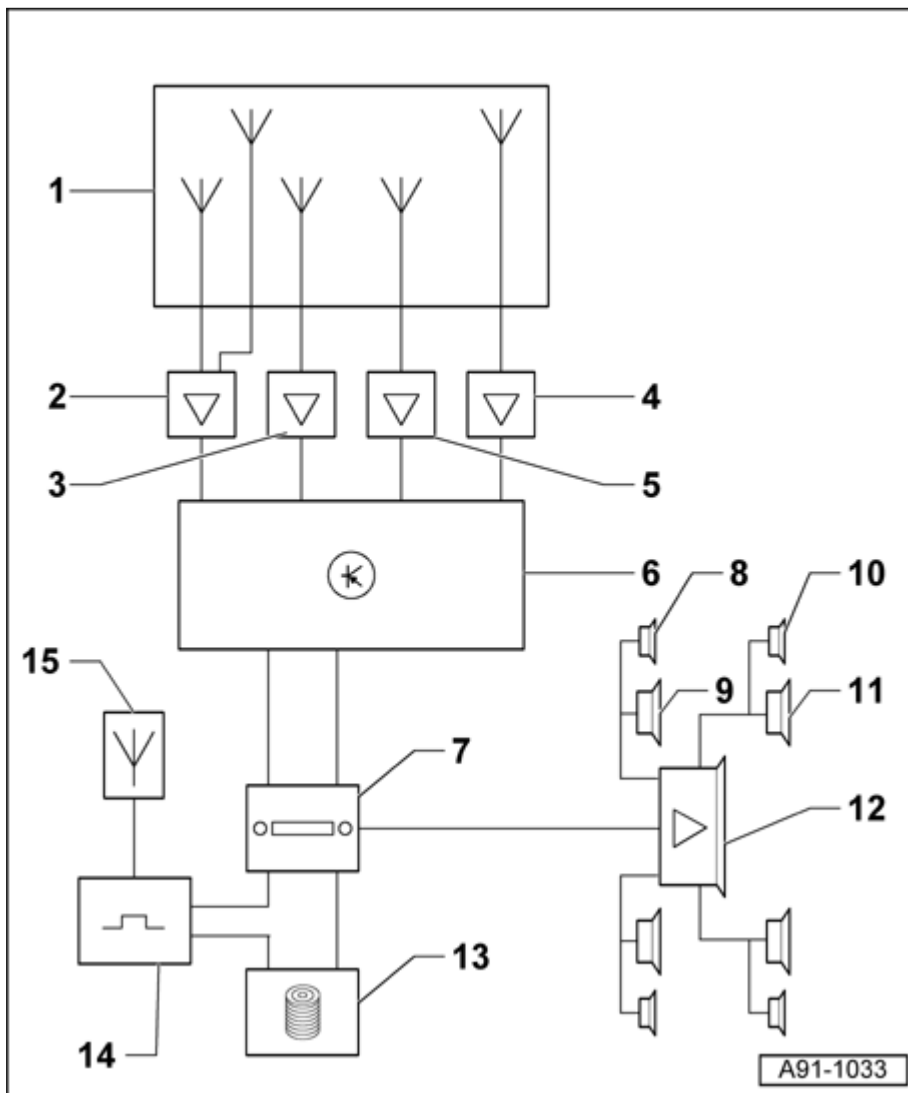
- ✦ In right rear luggage compartment behind side trim.

14 - CD Changer Unit

- ✦ Optional
- ✦ In left rear luggage compartment storage box

15 - Radio - R - "Symphony"

Radio system SDARS with "BOSE sound system" (Sedan), layout



1 - Rear window antennas

2 - Antenna amplifier (AM/FM4)

- ✦ Behind left D-pillar trim (top)

3 - Antenna amplifier (FM3)

- ✦ Behind left D-pillar trim (bottom)

4 - Antenna amplifier (FM1)

- ✦ Behind right D-pillar trim (top)

5 - Antenna amplifier (FM2)

- ✦ Behind right D-pillar trim (bottom)

6 - Antenna Selection Control Module

- ✦ Below parcel shelf (left)

7 - Radio - R -

8 - Front Midrange Speakers

- ✦ In upper front door trim

9 - Front Bass Speakers

- ✦ In lower front door trim

10 - Rear Midrange Speakers

- ✦ In upper rear door trim

11 - Rear Bass Speakers

- ✦ In lower rear door trim

12 - Bass Loudspeaker with BOSE amplifier

- ✦ In right rear luggage compartment behind side trim.

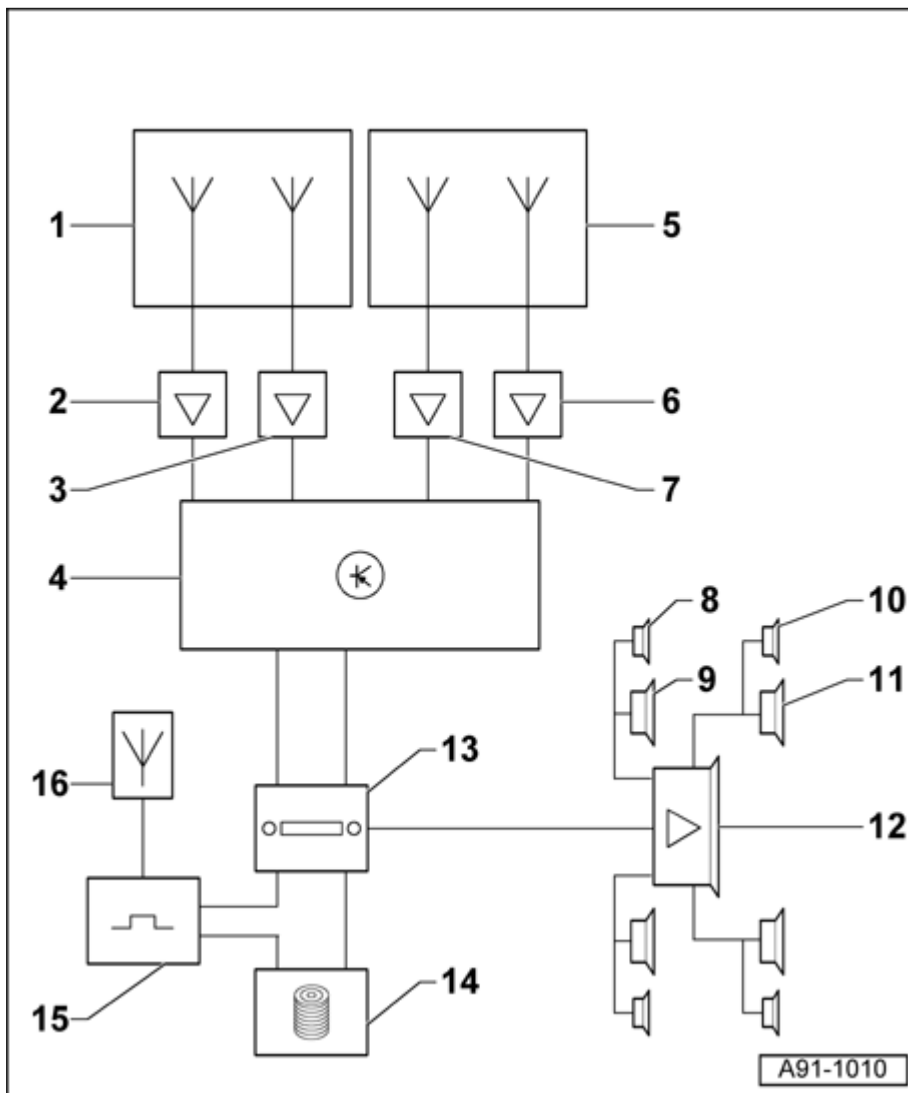
13 - CD Changer Unit

- ✦ In left rear luggage compartment storage box

14 - Satellite Radio

15 - Satellite Tuner Antenna

Radio system SDARS with "BOSE sound system" (Avant), layout



1 - Left rear window antennas (FM3/AM/FM4)

2 - Antenna amplifier

✦ Behind left rear side trim

3 - Antenna amplifier

✦ Behind left rear side trim

4 - Antenna Selection Control Module

✦ Near roof antenna

5 - Right rear window antennas (FM1/FM2)

6 - Antenna amplifier

✦ Behind right rear side trim

7 - Antenna amplifier

- ✦ Behind right rear side trim

8 - Front Midrange Speakers

- ✦ In upper front door trim

9 - Front Bass Speakers

- ✦ In lower front door trim

10 - Rear Midrange Speakers

- ✦ In upper rear door trim

11 - Rear Bass Speakers

- ✦ In lower rear door trim

12 - Bass Loudspeaker with BOSE amplifier

- ✦ In right rear luggage compartment behind side trim.

13 - Radio - R -

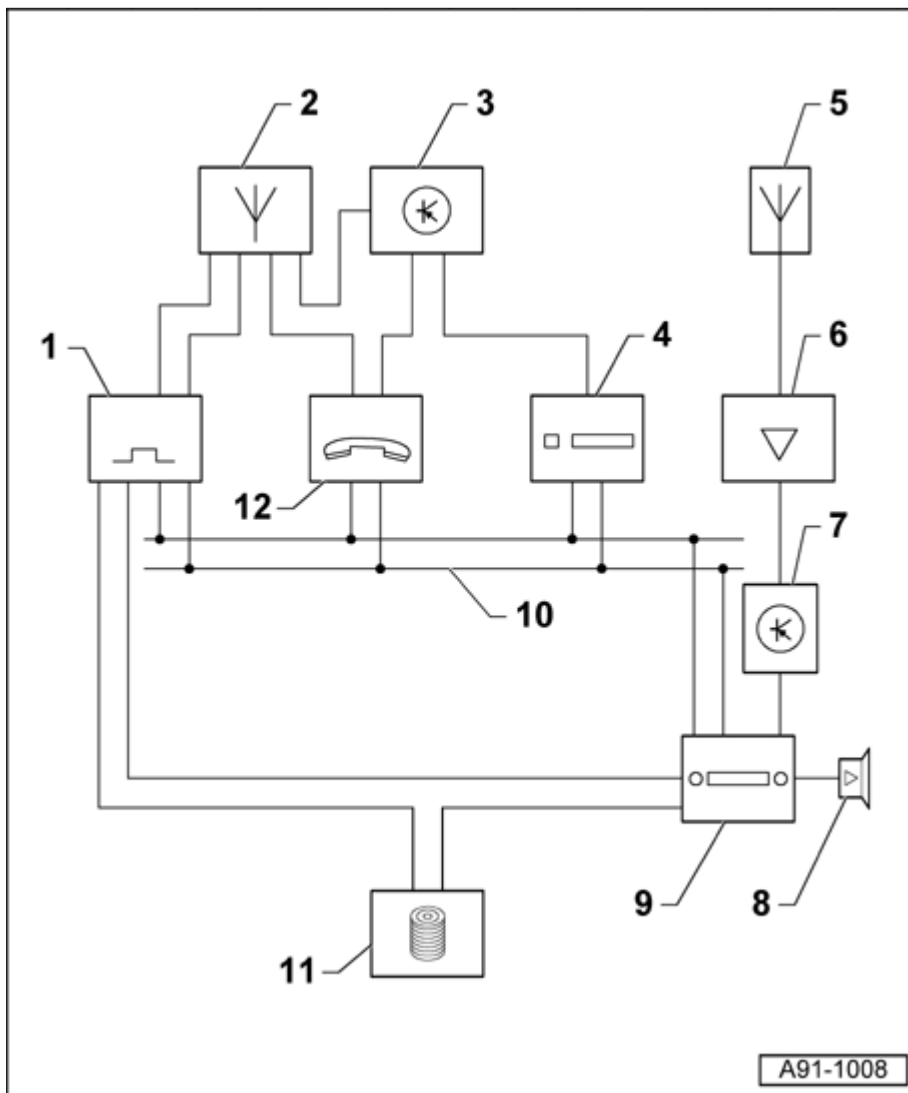
14 - CD Changer Unit

- ✦ In left rear luggage compartment storage box

15 - Satellite Radio

16 - Satellite Tuner Antenna

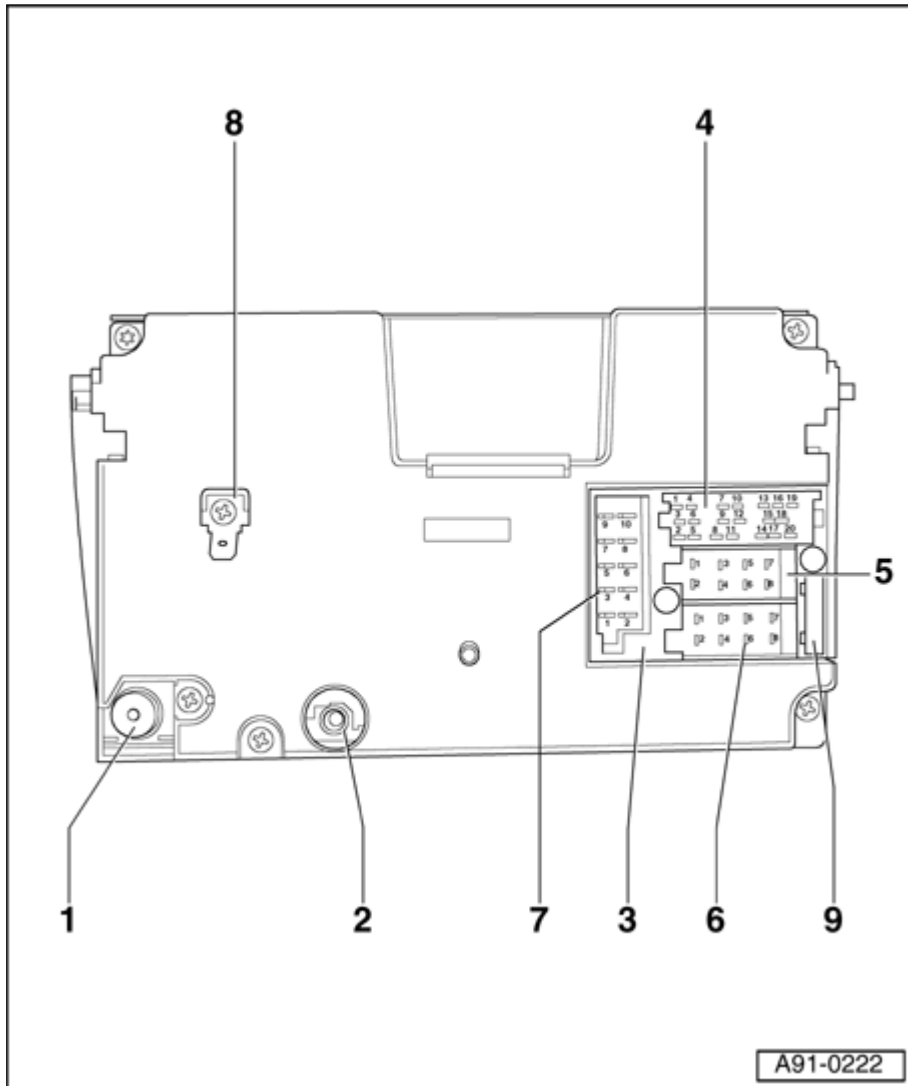
Communication system with SDARS, layout



- 1 - Satellite Radio
- 2 - Satellite Tuner Antenna
- 3 - Antenna splitter (GPS)
- 4 - Control Module for Navigation with CD mechanism
- 5 - Antenna (rear window or rear side window)
- 6 - Antenna amplifier
- 7 - Antenna Selection Control Module
- 8 - Loudspeaker
- 9 - Radio
- 10 - CAN-BUS (Infotainment)
- 11 - CD Changer Unit

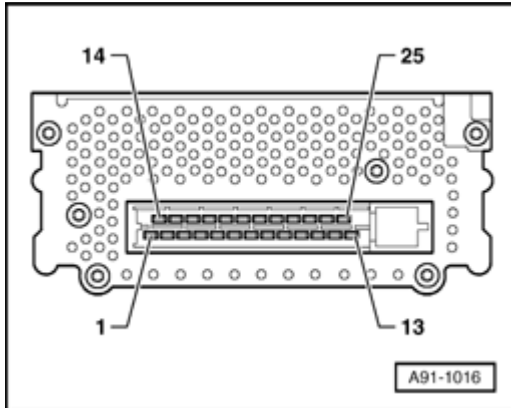
12 - Telephone/Telematic Control Module

Multi-pin connection assignments on "Symphony" radio



- 1 - Antenna connection socket for radio (HF-wire)
- 2 - IF-wire
- 3 - Radio switch block
- 4 - Black 20-pin multi-pin connection I
- 5 - Brown 8-pin multi-pin connection II
- 6 - Black 8-pin multi-pin connection III
- 7 - Red 10-pin multi-pin connection IV
- 8 - Anti-theft alarm system Ground (GND) through m.y. 2001
- 9 - Radio fuse in radio

BOSE amplifier, multi-pin connection assignments



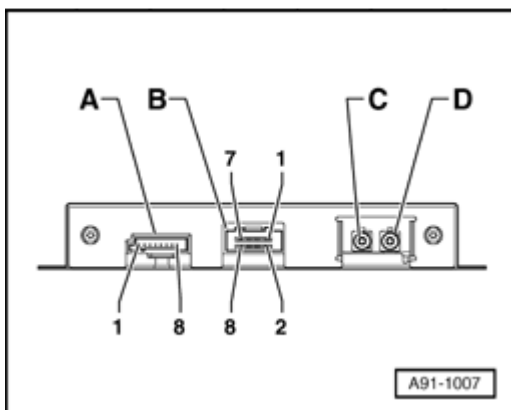
Multi-pin connection, 25-pin

- 6 - Line output - Ground (GND) (from radio)
- 7 - Line output - right rear (from radio)
- 8 - Line output - left rear (from radio)
- 9 - Line output - right front (from radio)
- 10 - Line output - left front (from radio)
- 13 - Battery B+ (terminal 30)
- 16 - Loudspeaker (-) left front
- 17 - Loudspeaker (+) left front
- 18 - Loudspeaker (+) right front
- 19 - Loudspeaker (-) right front
- 20 - Loudspeaker (+) left rear
- 21 - Loudspeaker (-) left rear
- 22 - Loudspeaker (+) right rear
- 23 - Loudspeaker (-) right rear
- 25 - Switched positive

Multi-pin connection assignments on Satellite Radio R146

Note:

- ◆ *Terminals which are not listed are vacant/unassigned.*



A - Multi-pin connection, 8-pin

- 1 - CAN-Bus High (Infotainment)
- 2 - CAN-Bus Low (Infotainment)
- 3 - CD-IN L (CD Changer Unit)
- 4 - CD-IN R (CD Changer Unit)
- 5 - NF - Ground (GND) (Radio)
- 6 - NF - left (Radio)
- 7 - NF - right (Radio)
- 8 - CD Ground (GND) (CD Changer Unit)

B - Multi-pin connection, 8-pin

- 1 - Terminal 30 (B+)
- 2 - Terminal 31 (GND)

C - Connection - Satellite Tuner Antenna (brown)

D - Connection - Satellite Tuner Antenna (green)