

Radio System 'Premium'

- ⇒ External Audio Source Connector
- ⇒ 10 Speakers
- ⇒ Heated Rear Window
- ⇒ CD Changer
- ⇒ Digital Satellite Radio Tuner
- ⇒ Amplifier

from May 2007

Note:

Information for

- ◆ Relay and fuse arrangements
- ◆ Connector arrangements
- ◆ Control Modules and Relays
- ◆ Ground connections

⇒ Component Locations

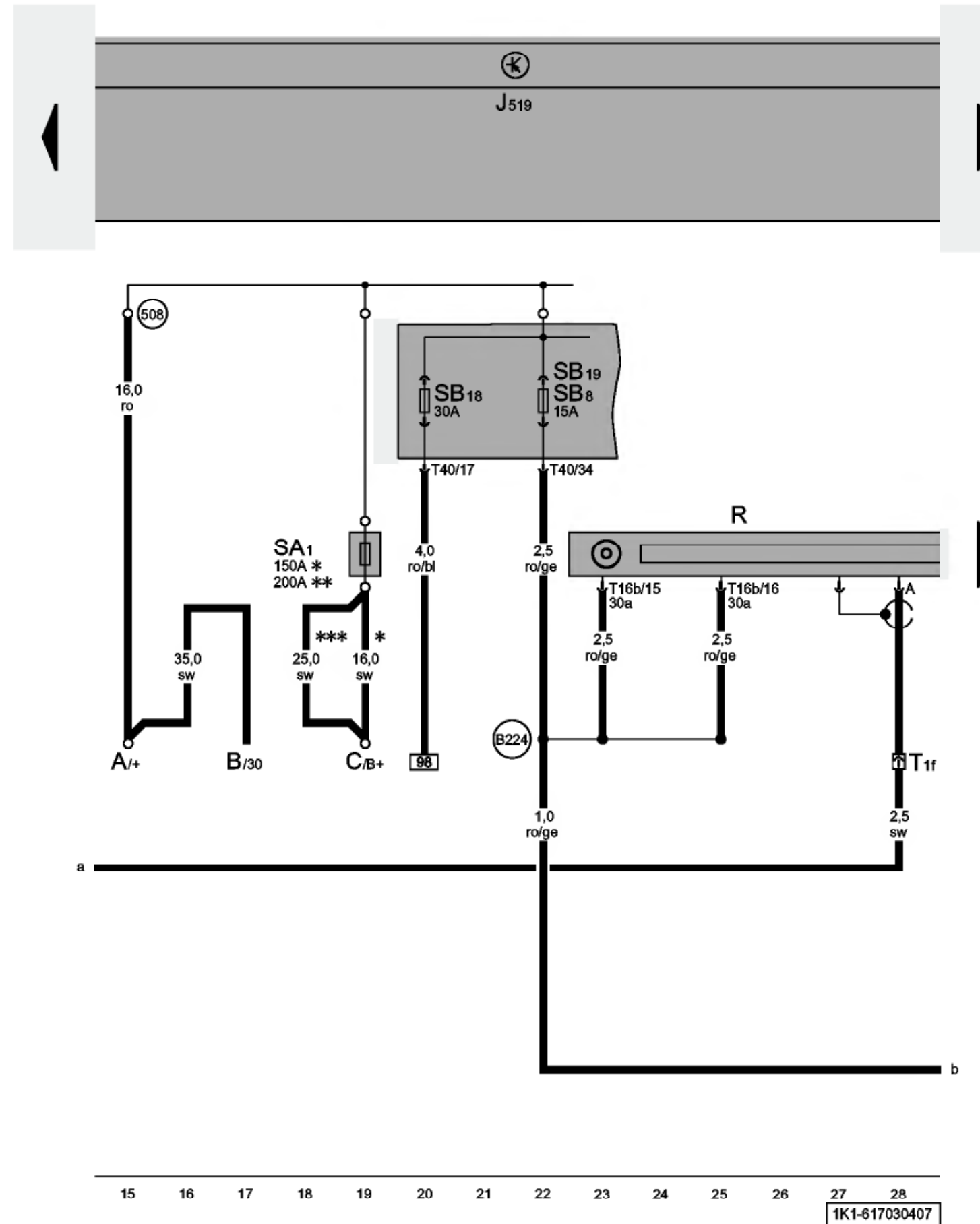
Information for

- ◆ Troubleshooting Procedures
- ⇒ Guided Fault Finding using VAS 5051 / 5052



- E15 Rear Window Defogger Switch
- E16 Heater/Heat Output Switch
- J9 Rear Window Defogger Relay
- J519 Vehicle Electrical System Control Module
- K10 Rear Window Defogger Indicator Lamp
- R11 Antenna
- R93 Radio Antenna 2
- R109 Right Antenna Module
- R177 AM Frequency Filter, in rear lid
- R178 FM Frequency Filter (in negative wire)
- R179 FM Frequency Filter (in positive wire)
- T1a Single Connector, in rear lid
- T1b Single Connector, in rear lid
- T1c Single Connector
- T1d Single Connector
- T1g Single Connector, in rear lid
- T1h Single Connector, in rear lid
- T2b Double Connector, in rear lid
- T5a 5-Pin Connector, black, in left rear side panel
- T5e 5-Pin Connector, pink, in left rear side panel
- T20c 20-Pin Connector
- Z1 Heated Rear Window

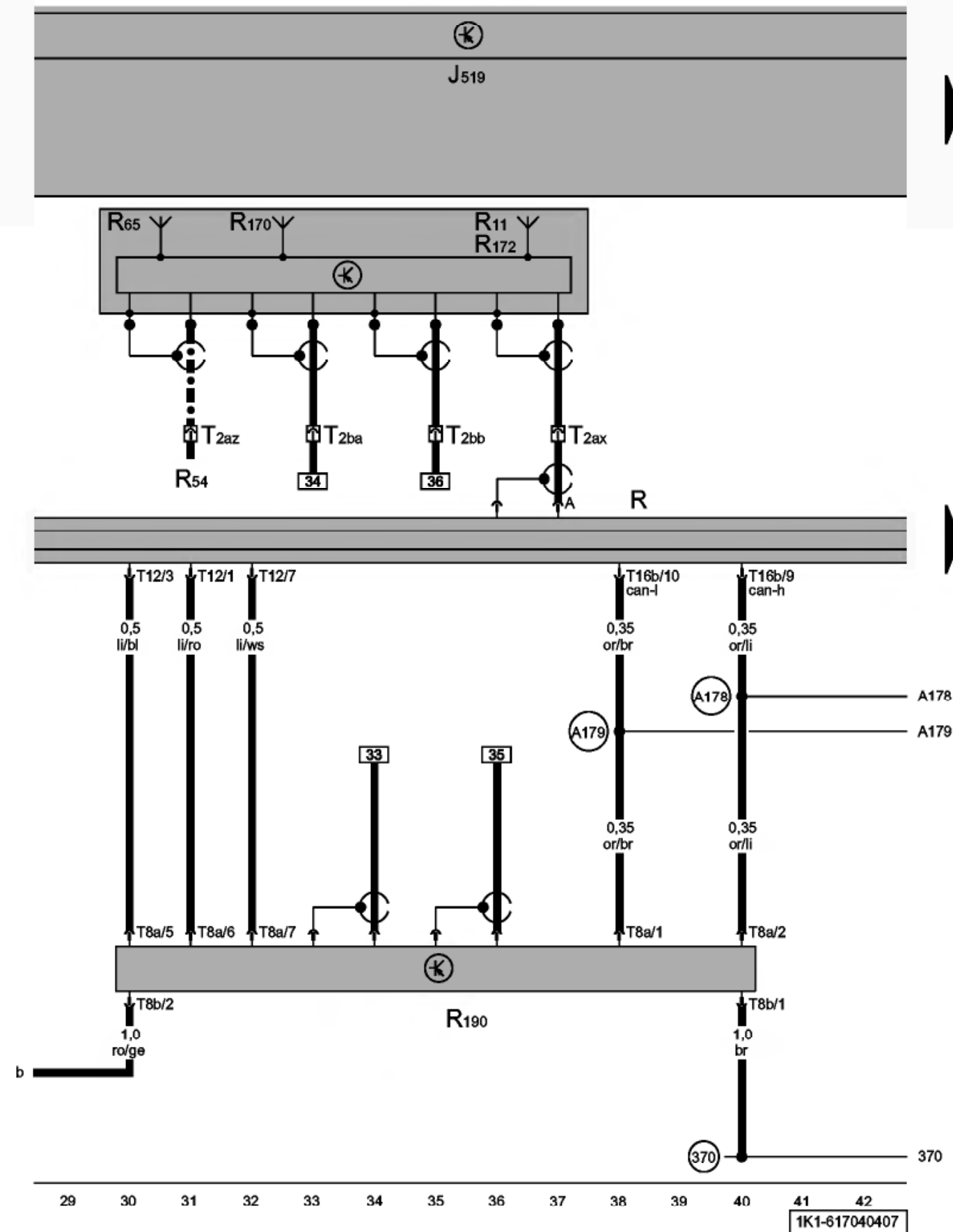
- 53 Ground Connection (in rear lid, right)
- 369 Ground Connection 4 (in main wiring harness)
- 662 Ground Connection (on left rear C-pillar)
- 682 Ground Connection 2 (in right rear side panel)



Radio, Fuses

- A Battery
- B Starter
- C Generator (GEN)
- J519 Vehicle Electrical System Control Module
- R Radio
- SA1 Fuse 1 (on fuse panel A)
- SB8 Fuse 8 (on fuse panel B)
- SB18 Fuse 18 (on fuse panel B)
- SB19 Fuse 19 (on fuse panel B), electronics box High
- T1f Single Connector, behind right C-pillar trim
- T16b 16-Pin Connector
- T40 40-Pin Connector
- 508 Threaded Connection terminal 30 (on electronics box)
- B224 Radio Connection 1 (in interior wiring harness)
- * Models with 90 A/ 120 A generator
- *** Models with 140 A generator

ws = white
sw = black
ro = red
br = brown
gn = green
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li = lilac
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or = orange
rs = pink



Radio, Digital Satellite Radio Tuner, Satellite Antenna, Antennas

- | | |
|------|--|
| J519 | Vehicle Electrical System Control Module |
| R | Radio |
| R11 | Antenna |
| R54 | Cellular Telephone |
| R65 | Telephone Antenna |
| R170 | Satellite Antenna |
| R172 | Satellite Tuner Antenna |
| R190 | Digital Satellite Radio Tuner |
| T2ax | Double Connector, near roof antenna |
| T2az | Double Connector, near roof antenna |
| T2ba | Double Connector, near roof antenna |
| T2bb | Double Connector, near roof antenna |
| T8a | 8-Pin Connector |
| T8b | 8-Pin Connector |
| T12 | 12-Pin Connector |

- 370 Ground Connection 5 (in main wiring harness)
 - A178 Infotainment High-Bus Connection (in instrument panel wiring harness)
 - A179 Infotainment Low-bus Connection (in instrument panel wiring harness)
- Only models with telephone/ telephone preparation

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Radio, Operating Electronics and Telephone Control Module, External Audio Source Connector

- J412 Operating Electronics and Telephone Control Module
- J519 Vehicle Electrical System Control Module
- J533 Data Bus On Board Diagnostic Interface
- R Radio
- R199 External Audio Source Connector
- T3aq 3-Pin Connector, in glove compartment
- T12 12-Pin Connector
- T12g 12-Pin Connector
- T20 20-Pin Connector
- T54 54-Pin Connector

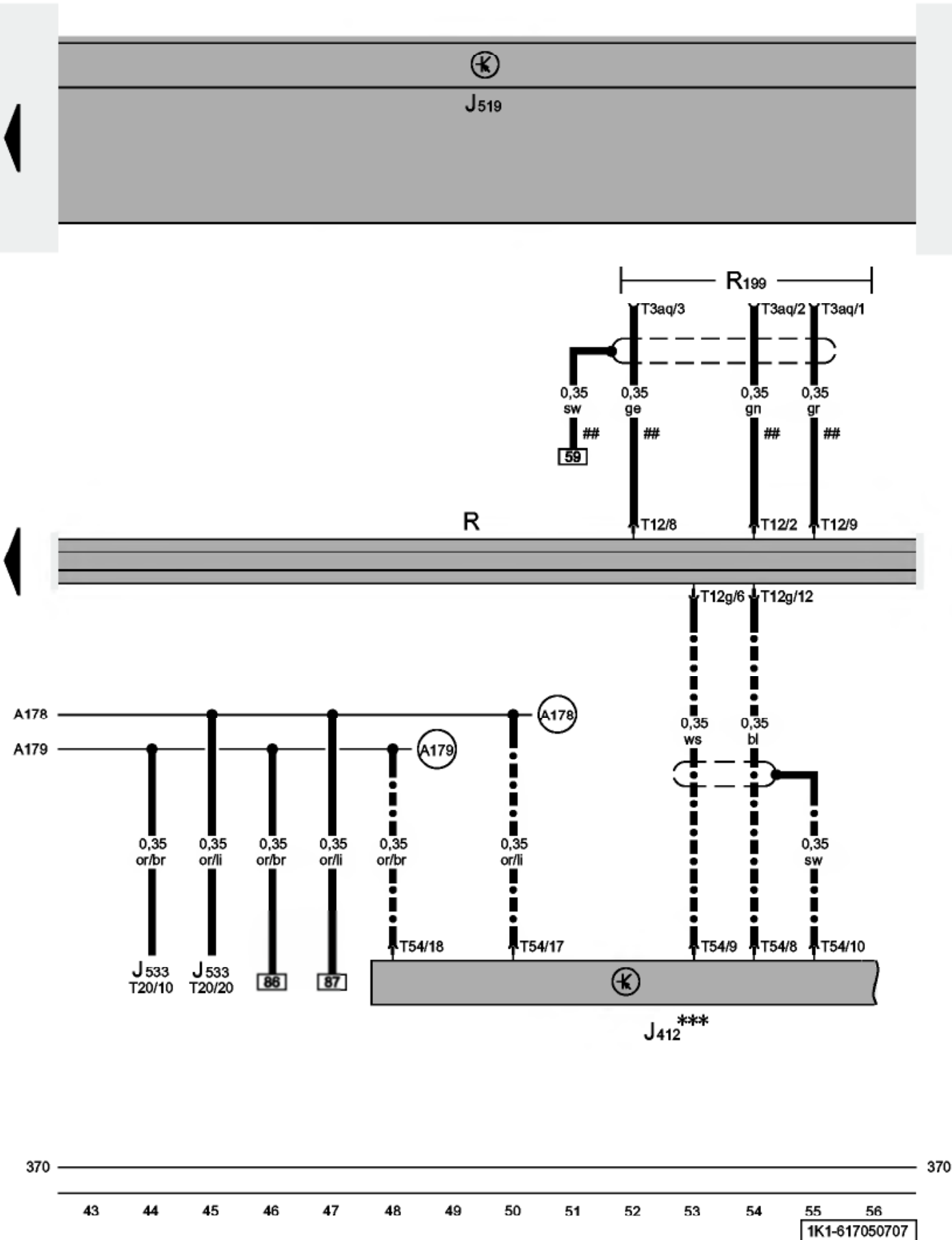
A178 Infotainment High-Bus Connection (in instrument panel wiring harness)

A179 Infotainment Low-bus Connection (in instrument panel wiring harness)

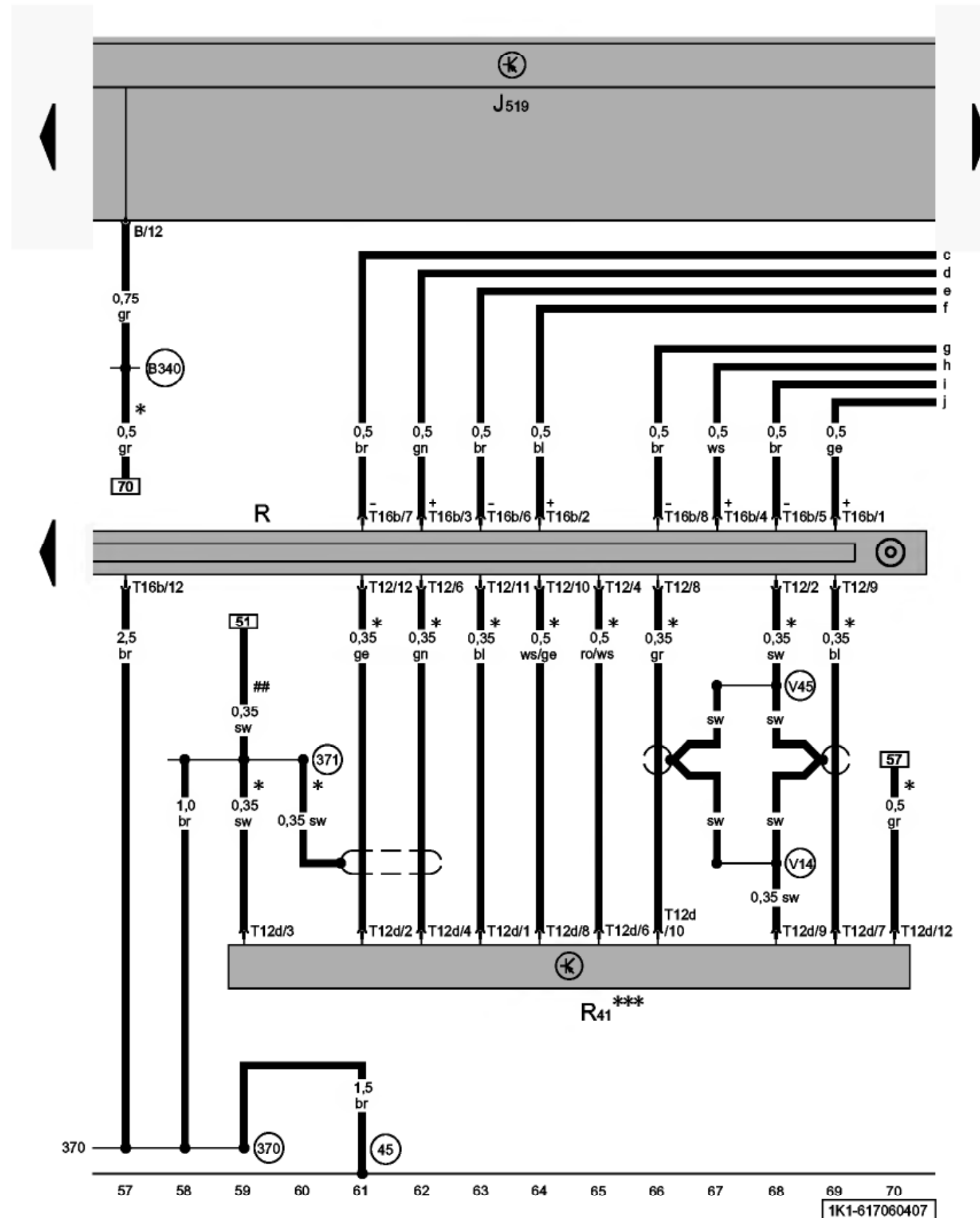
*** Components not available on system preparation

-•- Only models with telephone/ telephone preparation

Only external audio connector



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Radio, CD Changer

J519 Vehicle Electrical System Control Module
 R Radio
 R41 CD Changer
 T12 12-Pin Connector
 T12d 12-Pin Connector
 T16b 16-Pin Connector

45 Ground Connection (behind instrument panel, center)

370 Ground Connection 5 (in main wiring harness)

371 Ground Connection 6 (in main wiring harness)

B340 Connection 1 (58d) (in main wiring harness)

V14 Connection (shielding) (in CD-changer wiring harness)

V45 Connection 2 (shielding)(in CD changer wiring harness)

* Only models with CD changer/ CD changer preparation

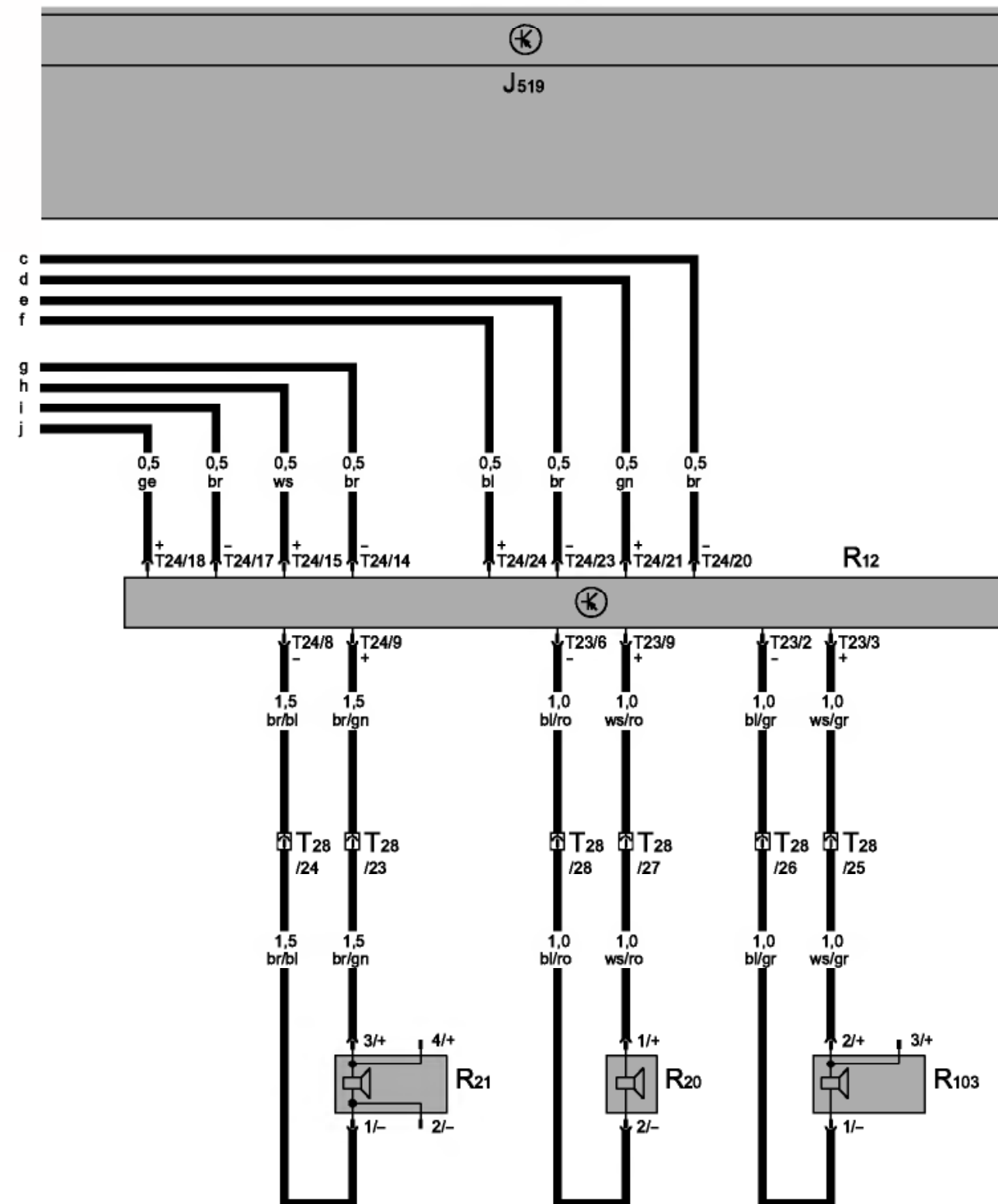
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Only external audio connector

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Amplifier, Left Front Speaker

- J519 Vehicle Electrical System Control Module
- R12 Amplifier, below driver seat
- R20 Left Front Treble Speaker
- R21 Left Front Bass Speaker
- R103 Left Front Midrange Speaker
- T23 23-Pin Connector
- T24 24-Pin Connector
- T28 28-Pin Connector, connector station A-pillar, left



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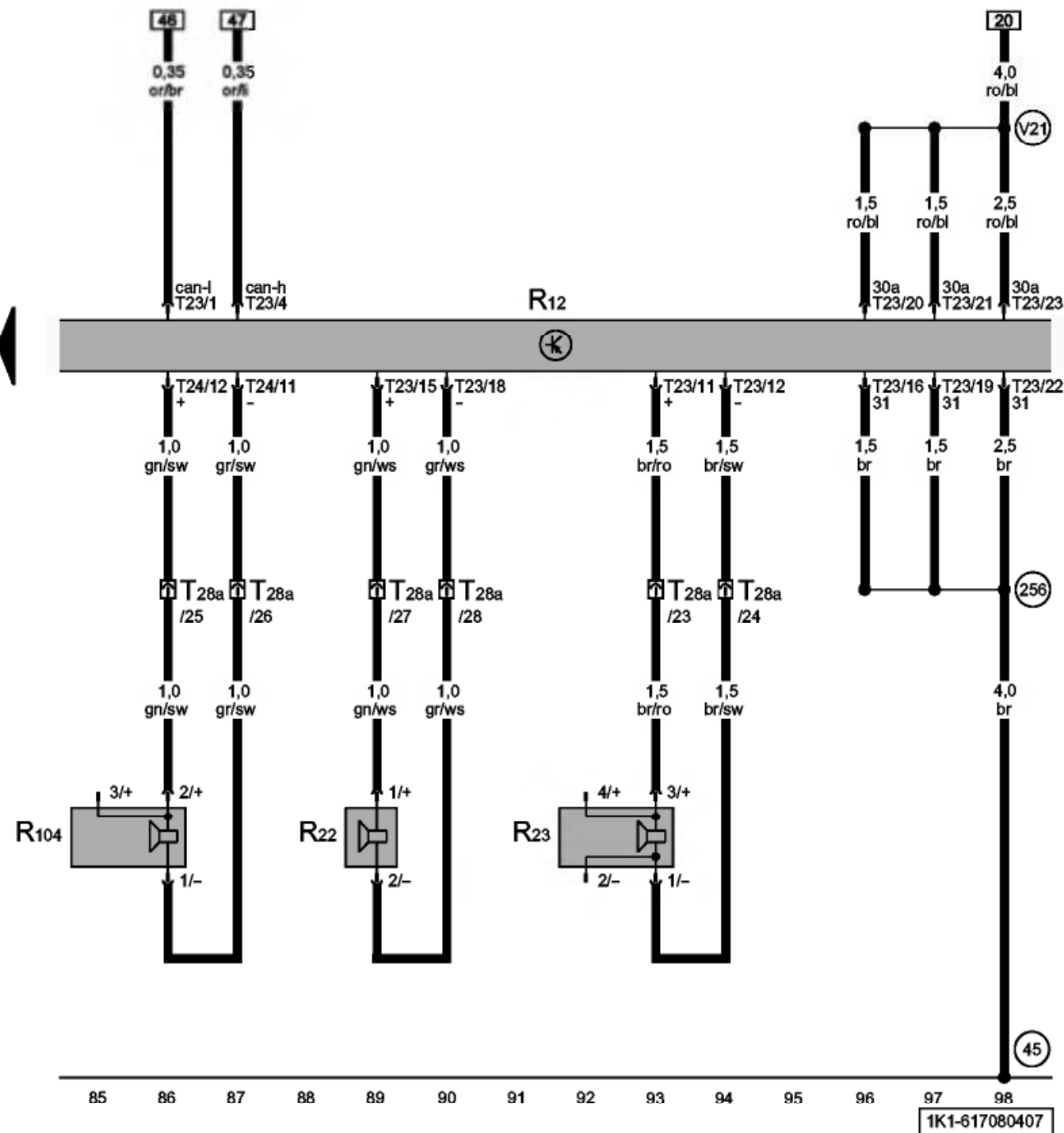
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Amplifier, Right Front Speaker

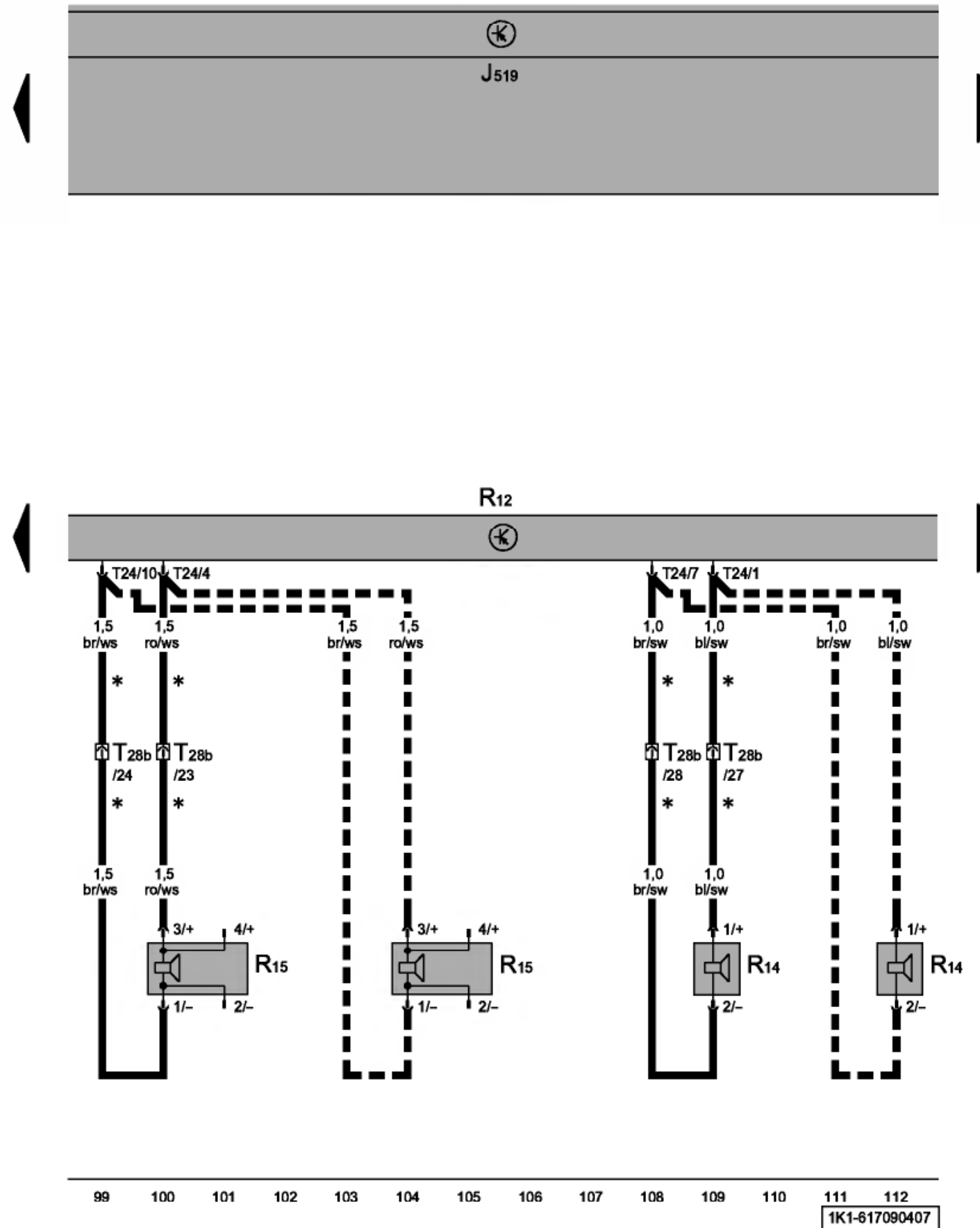
- J519 Vehicle Electrical System Control Module
- R12 Amplifier, below driver's seat
- R22 Right Front Treble Speaker
- R23 Right Front Bass Speaker
- R104 Right Front Midrange Speaker
- T23 23-Pin Connector
- T24 24-Pin Connector
- T28a 28-Pin Connector, connector station A-pillar, right

- 45 Ground Connection (behind instrument panel, center)
- 256 Ground Connection 2 (in radio wiring harness)
- V21 Plus Connection (30) (in wiring Radio - Amplifier wiring harness)



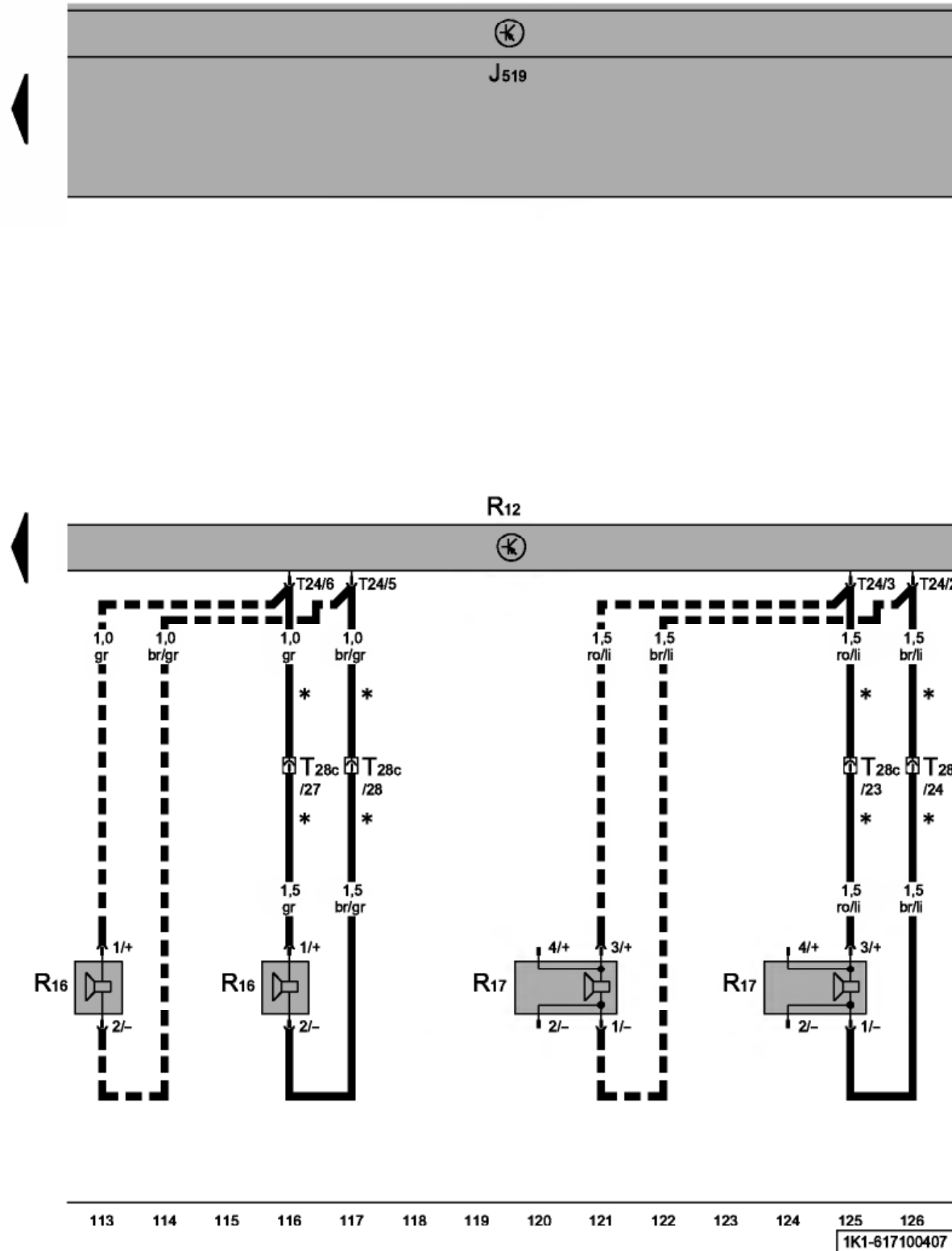
Radio, Left Rear Speaker

- J519 Vehicle Electrical System Control Module
- R12 Amplifier, below driver's seat
- R14 Left Rear Treble Speaker
- R15 Left Rear Bass Speaker
- T24 24-Pin Connector
- T28b 28-Pin Connector, connector station B-pillar, left
- * Only 4-door vehicles
- Only 2-door vehicles



Radio, Right Rear Speaker

- J519 Vehicle Electrical System Control Module
- R12 Amplifier, below driver's seat
- R16 Right Rear Treble Speaker
- R17 Right Rear Bass Speaker
- T24 24-Pin Connector
- T28c 28-Pin Connector, connector station B-pillar, right
- * Only 4-door vehicles
- Only 2-door vehicles



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