

Audi A8

Current Flow Diagram

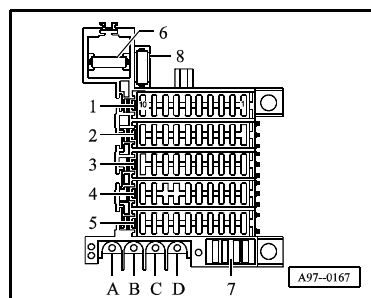
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Edition 03.2002

Radio navigation system (RNS-D)

From model year 2002

Fuse box



1 - Fuse carrier 1 (ST1), black

2 - Fuse carrier 2 (ST2), red

3 - Fuse carrier 3 (ST3), yellow

4 - Fuse carrier 4 (ST4), blue

5 - Fuse carrier 5 (ST5), brown

6 - Secondary air pump fuse (S130)

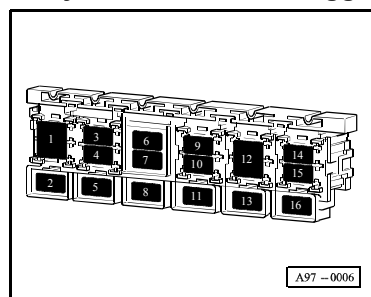
7 - Spare fuses

8 - Radiator fan fuse (S42)

A, B, C, Screwed junctions

D -

Relay and fuse carrier, luggage compartment, right



Position of relays:

1 - Terminal 30 junction box (TV2)

6 - Radio fuse (S92)

Fuse colours:

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

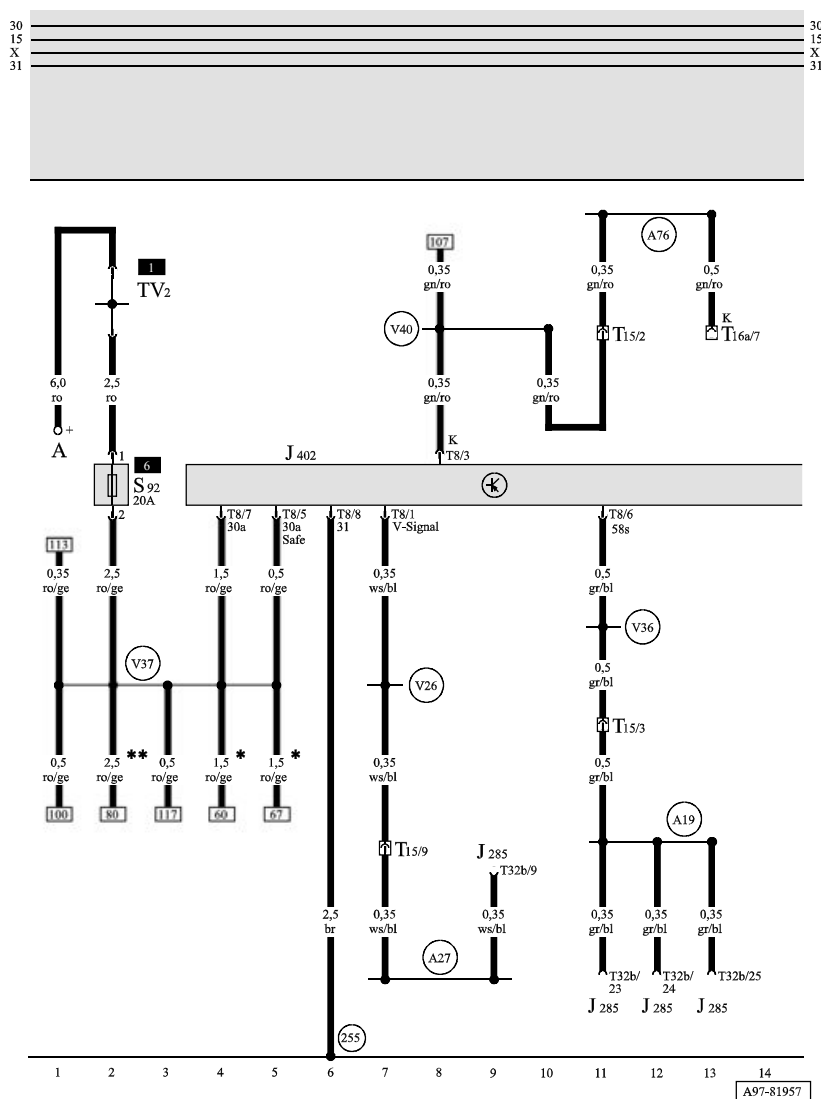
7.5 A - brown

5 A - beige

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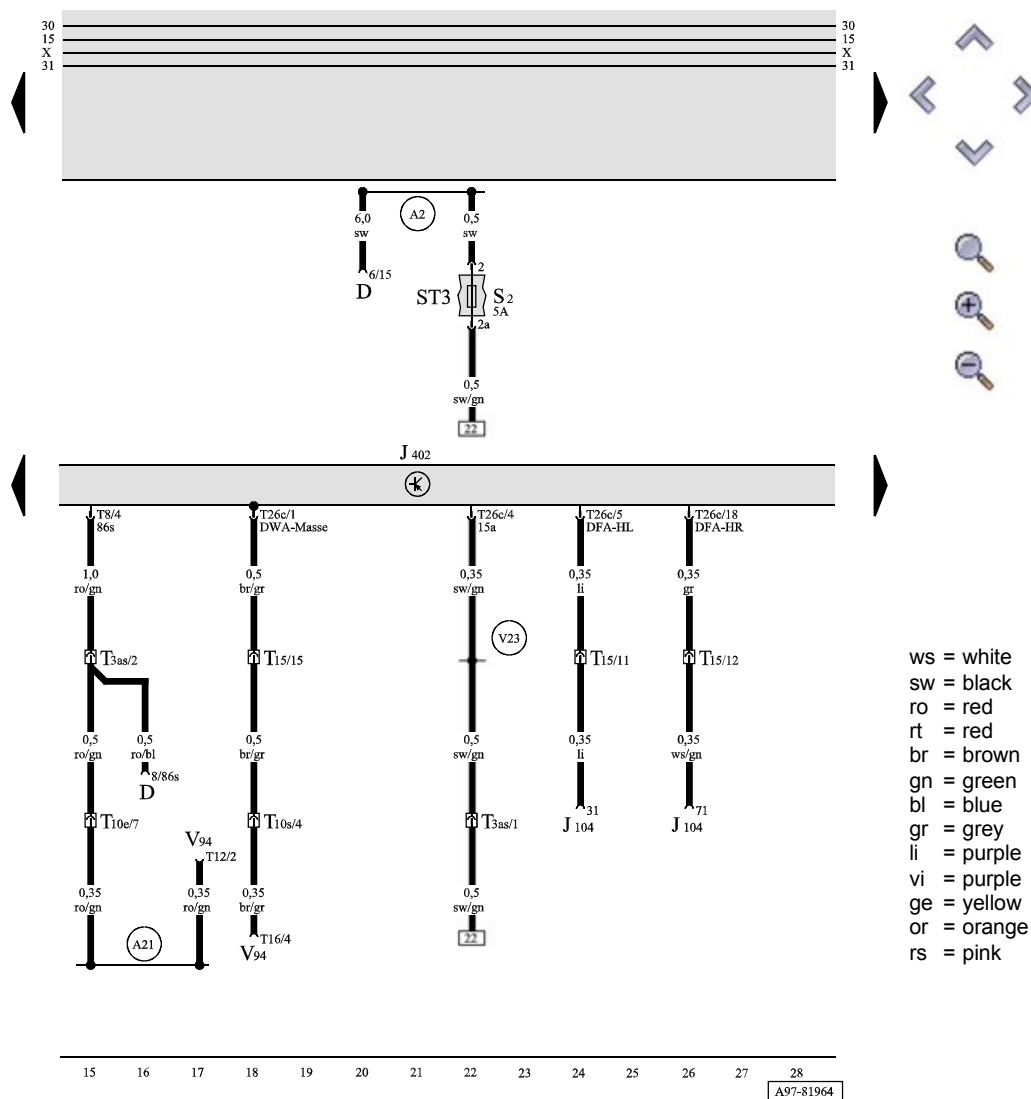
Radio navigation system, fuse

- A - Battery
- J285 - Control unit with display in dash panel insert
- J402 - Operating electronics control unit, navigation
- S92 - Radio fuse
- T8 - 8-pin connector, black, radio connector III
- T15 - 15-pin connector, black, in centre console
- T16a - 16-pin connector, diagnosis connection
- T32b - 32-pin connector, grey, on dash panel insert
- TV2 - Terminal 30 junction box
- 255 - Earth connection -1-, in radio wiring harness
- A19 - Connection (58s), in dash panel wiring harness (switch illumination)
- A27 - Connection (speed signal), in dash panel wiring harness
- A76 - Connection (diagnosis wire K), in dash panel wiring harness
- V26 - Connection (speed signal), in navigation wiring harness
- V36 - Connection (58), in radio wiring harness
- V37 - Positive (+) connection (30), in communication systems wiring harness
- V40 - Connection (diagnosis wire K), in communication systems wiring harness
- * - Models with 10 loudspeakers
- ** - Models with radio Bose sound system

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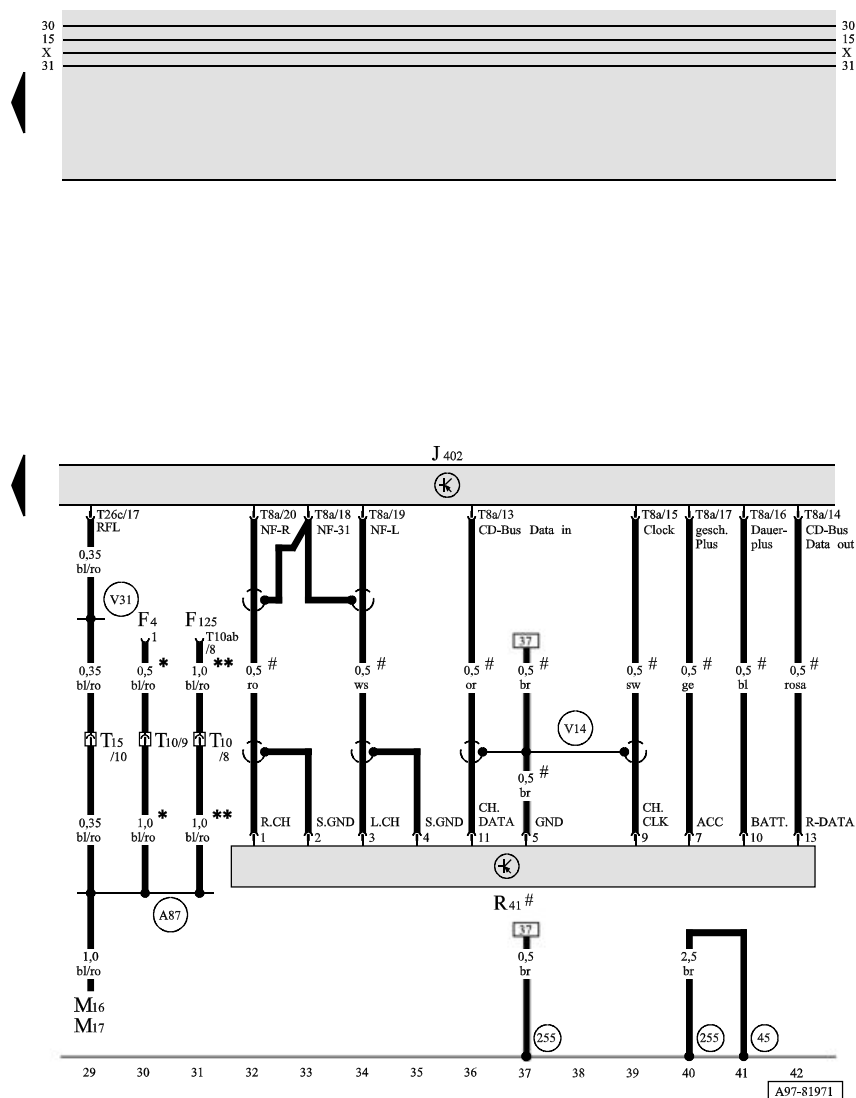
Radio navigation system, fuse

- D - Ignition/starter switch
- J104 - ABS with EDL control unit
- J402 - Operating electronics control unit, navigation
- S2 - Fuse in fuse carrier
- T3as - 3-pin connector, black, in centre console
- T8 - 8-pin connector, black, radio connector III
- T10e - 10-pin connector, green, footwell, right, at wheelhouse, behind carpet
- T10s - 10-pin connector, black, footwell, right, at wheelhouse, behind carpet
- T12 - 12-pin connector, connector plug A at V94
- T15 - 15-pin connector, black, in centre console
- T16 - 16-pin connector, connector plug C at V94
- T26c - 26-pin connector, black, on operating electronics control unit, navigation
- V94 - Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
- A2 - Positive (+) connection (15), in dash panel wiring harness
- A21 - Connection (86s), in dash panel wiring harness
- V23 - Positive (+) connection (15a), in navigation wiring harness

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Radio navigation system, CD changer

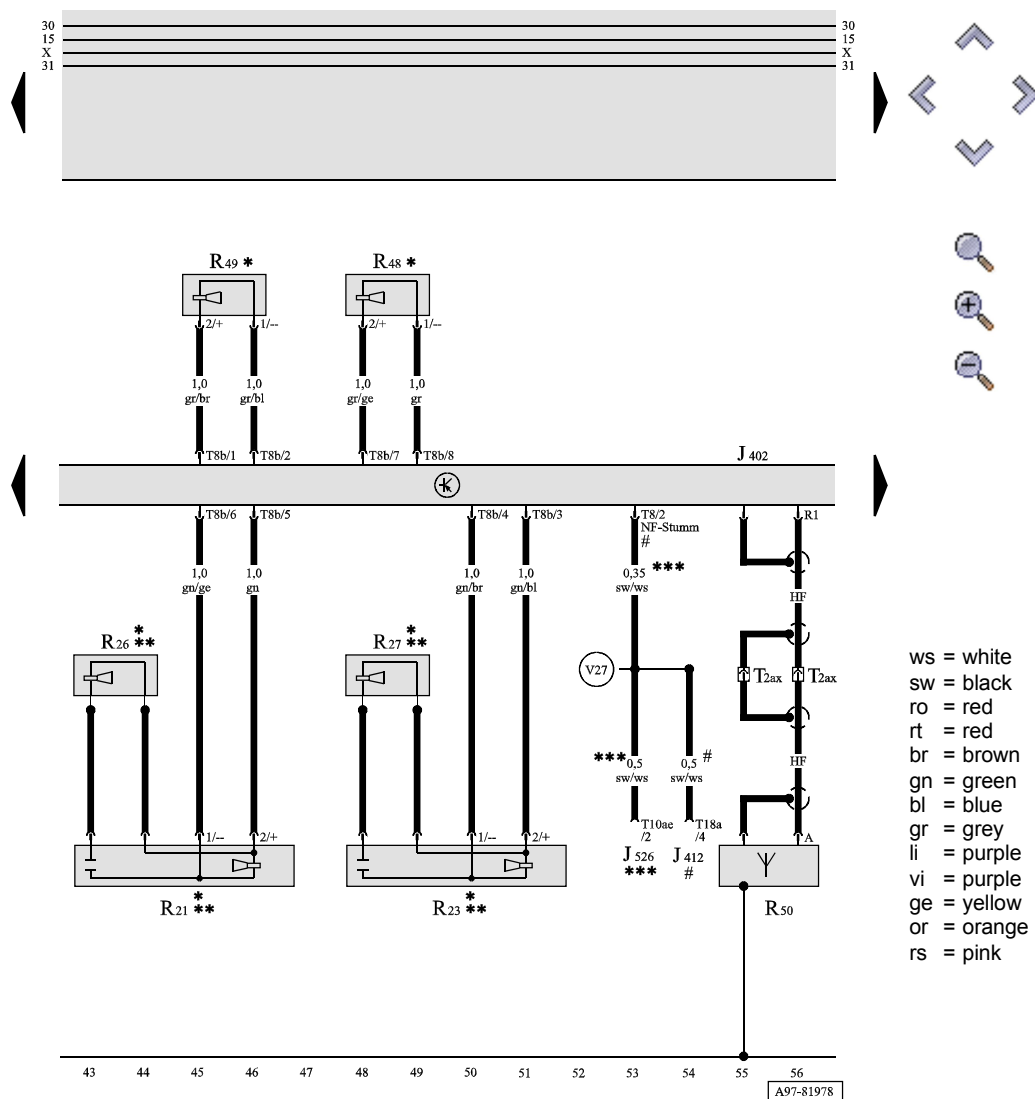
- F4 - Reversing light switch
- F125 - Multi-function switch
- J402 - Operating electronics control unit, navigation
- M16 - Reversing light bulb, left
- M17 - Reversing light bulb, right
- R41 - CD changer
- T8a - 8-pin connector, blue, radio connector I - 3
- T10 - 10-pin connector, blue, connector point, electronics box, plenum chamber
- T10ab - 10-pin connector, black, on gearbox
- T15 - 15-pin connector, black, in centre console
- T26c - 26-pin connector, black, on operating electronics control unit, navigation
- 45 - Earth point, behind dash panel-centre
- 255 - Earth connection -1-, in radio wiring harness
- A87 - Connection (RF (reversing light)), in dash panel wiring harness
- V14 - Connection (screening), in CD changer wiring harness
- V31 - Connection (RF (reversing light)), in radio wiring harness
- * - Models with manual gearbox
- ** - Models with automatic gearbox
- # - Models with CD changer

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

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**Loudspeakers, navigation aerial (GPS)**

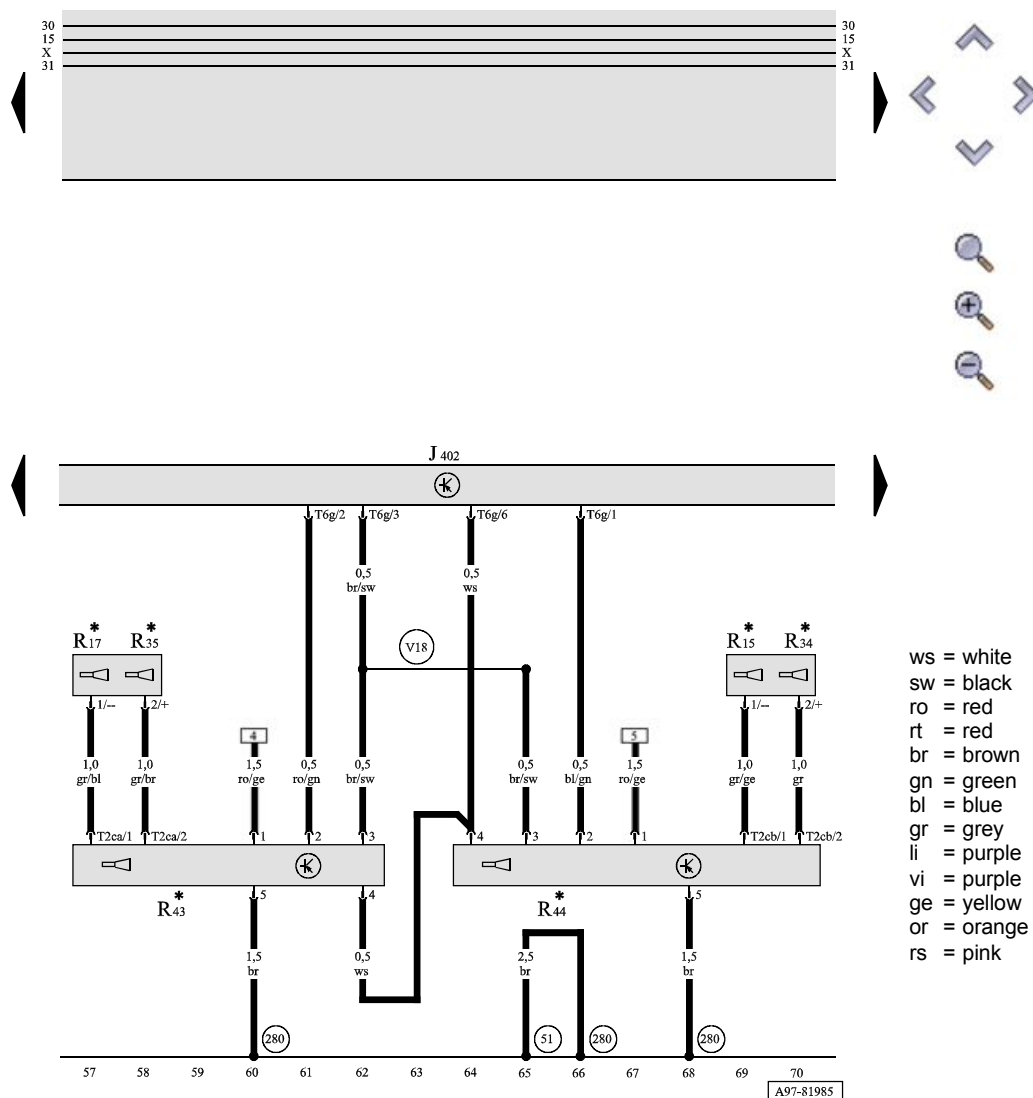
- J402 - Operating electronics control unit, navigation
- J412 - Operating electronics control unit, telephone
- J526 - Telephone/telematics control unit
- R1 - Aerial connection
- R21 - Bass loudspeaker, front left
- R23 - Bass loudspeaker, front right
- R26 - Middle-high tone loudspeaker, front left
- R27 - Middle-high tone loudspeaker, front right
- R48 - Wide band loudspeaker, rear shelf, left
- R49 - Wide band loudspeaker, rear shelf, right
- R50 - Navigation aerial (GPS)
- T2ax - 2-pin connector, in boot lid
- T8 - 8-pin connector, black, radio connector III
- T8b - 8-pin connector, brown, radio connector II
- T10ae - 10-pin connector, on telephone/telematics control unit, connector 2
- T18a - 18-pin connector, (VDA connector), on operating electronics control unit, telephone
- V27 - Connection (mute circuit), in navigation wiring harness
- * - Models with 6 loudspeakers
- ** - Models with 10 loudspeakers
- *** - Models with telephone, telematics
- # - Models with mobile phone

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 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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 or = orange
 rs = pink

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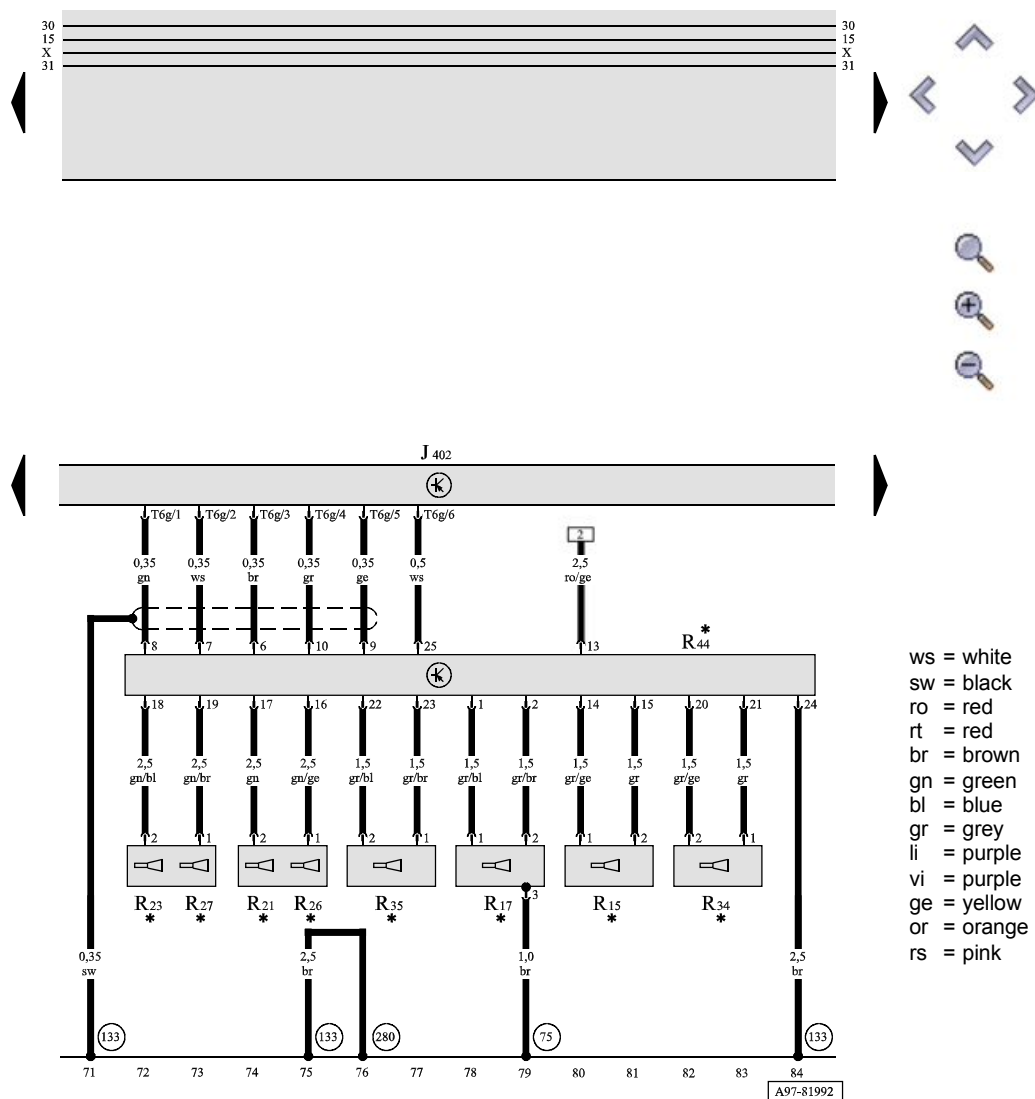
Loudspeakers

- J402 - Operating electronics control unit, navigation
- R15 - Bass loudspeaker, rear left
- R17 - Bass loudspeaker, rear right
- R34 - Middle-treble tone loudspeaker, rear left
- R35 - Middle-treble tone loudspeaker, rear right
- R43 - Amplifier with bass loudspeaker (luggage compartment, right)
- R44 - Amplifier with bass loudspeaker (luggage compartment, left)
- T2ca - 2-pin connector, on amplifier with bass loudspeaker, right
- T2cb - 2-pin connector, on amplifier with bass loudspeaker, left
- T6g - 6-pin connector, yellow, radio connector I - 1
- 51 - Earth point, luggage compartment, right
- 280 - Earth connection, in communication systems wiring harness
- V18 - Connection (negative (-), rear loudspeaker) in loudspeaker wiring harness
- * - Models with 10 loudspeakers

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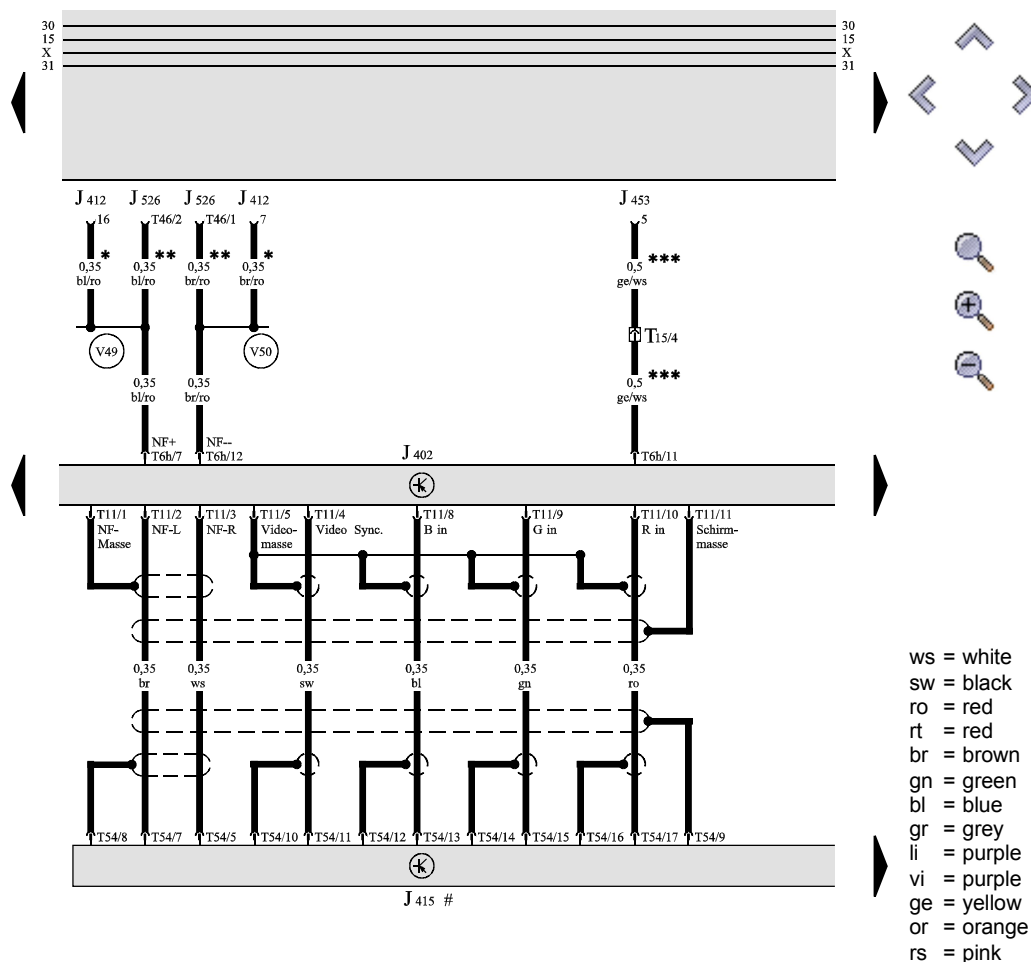
**Loudspeakers for radio Bose sound system**

- J402 - Operating electronics control unit, navigation
- R15 - Bass loudspeaker, rear left
- R17 - Bass loudspeaker, rear right
- R21 - Bass loudspeaker, front left
- R23 - Bass loudspeaker, front right
- R26 - Middle-high tone loudspeaker, front left
- R27 - Middle-high tone loudspeaker, front right
- R34 - Middle-treble tone loudspeaker, rear left
- R35 - Middle-treble tone loudspeaker, rear right
- R44 - Amplifier with bass loudspeaker (luggage compartment, left)
- T6g - 6-pin connector, yellow, radio connector I - 1
- 75 - Earth point, rear pillar, right
- 133 - Earth connection, in loudspeaker wiring harness
- 280 - Earth connection, in communication systems wiring harness
- * - Radio Bose sound system

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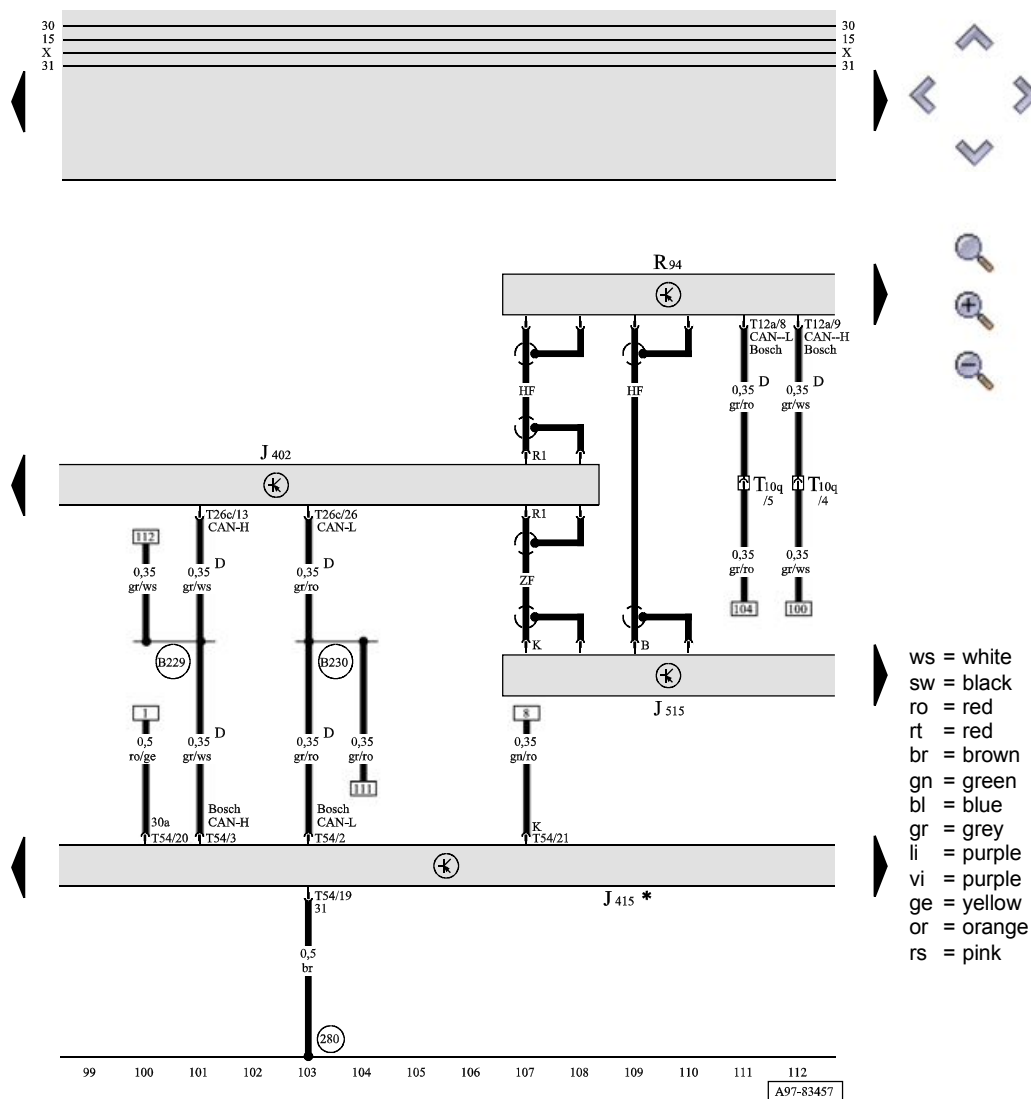
**Navigation operating electronics control unit, navigation/TV tuner**

- J402 - Operating electronics control unit, navigation
- J412 - Operating electronics control unit, telephone
- J415 - Navigation/TV tuner
- J453 - Multi-function steering wheel control unit
- J526 - Telephone/telematics control unit
- T6h - 6-pin connector, green, radio connector I - 2
- T11 - 11-pin connector, black, on navigation control unit
- T15 - 15-pin connector, black, in centre console
- T46 - 46-pin connector, on telephone/telematics control unit, connector 1
- T54 - 54-pin connector, black, on navigation/TV tuner
- V49 - Connection (low frequency, NF +), in communication wiring harness
- V50 - Connection (low frequency, NF -), in communication wiring harness
- * - Models with mobile phone
- ** - Models with telephone, telematics
- *** - Models with multi-function steering wheel
- # - Models with TV tuner

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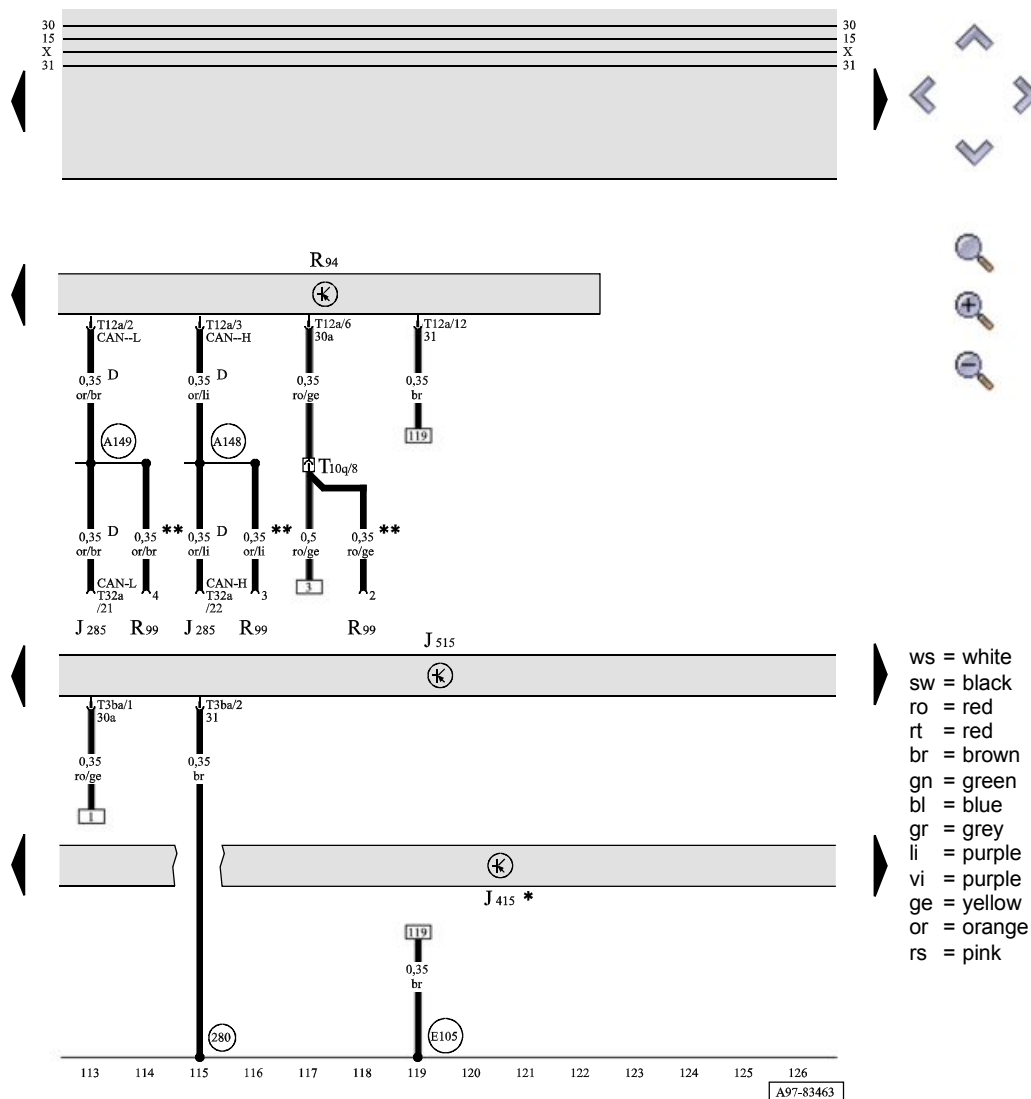
Navigation operating electronics control unit,
navigation/TV tuner, navigation interface

- J402 - Operating electronics control unit, navigation
- J415 - Navigation/TV tuner
- J515 - Aerial selection control unit
- R1 - Aerial connection
- R94 - Navigation interface
- T10q - 10-pin connector, red, in centre console
- T12a - 12-pin connector, at navigation interface
- T26c - 26-pin connector, black, on operating electronics control unit, navigation
- T54 - 54-pin connector, black, on navigation/TV tuner
- 280 - Earth connection, in communication systems wiring harness
- B229 - Connection (high bus), in interior wiring harness
- B230 - Connection (low bus), in interior wiring harness
- - CAN bus (data wire)
- * - Models with TV tuner

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Current Flow Diagram

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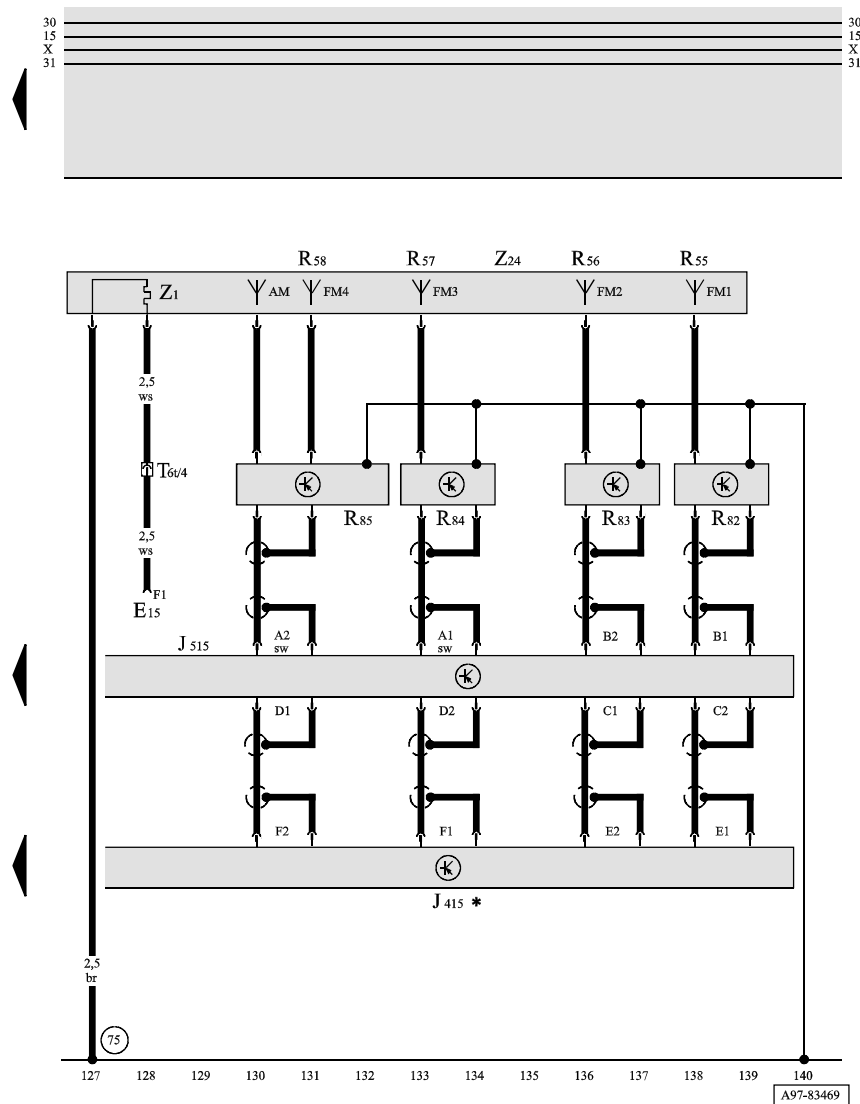
TV aerials

- J285 - Control unit with display in dash panel insert
- J415 - Navigation/TV tuner
- J515 - Aerial selection control unit
- R94 - Navigation interface
- R99 - Chip card reader unit
- T3ba - 3-pin connector, black, on aerial selection control unit
- T10q - 10-pin connector, red, in centre console
- T12a - 12-pin connector, at navigation interface
- T32a - 32-pin connector, green, on dash panel insert
- 280 - Earth connection, in communication systems wiring harness
- A148 - Connection (navigation CAN bus, high), in dash panel wiring harness
- A149 - Connection (navigation CAN bus, low), in dash panel wiring harness
- E105 - Earth connection, in dash panel wiring harness, left
- - CAN bus (data wire)
- * - Models with TV tuner
- ** - Models with chip card reader unit (electronic logbook)

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Current Flow Diagram

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Heated rear window with window aerial

- E15 - Heated rear window switch
- J415 - Navigation/TV tuner
- J515 - Aerial selection control unit
- R55 - TV aerial 1
- R56 - TV aerial 2
- R57 - TV aerial 3
- R58 - TV aerial 4
- R82 - Aerial amplifier 1, TV
- R83 - Aerial amplifier 2, TV
- R84 - Aerial amplifier 3, TV
- R85 - Aerial amplifier 4, TV
- T6t - 6-pin connector, red, footwell, right, at wheelhouse, behind carpet
- Z1 - Heated rear window
- Z24 - Heated rear window with window aerial
- 75 - Earth point, rear pillar, right
- * - Models with TV tuner

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