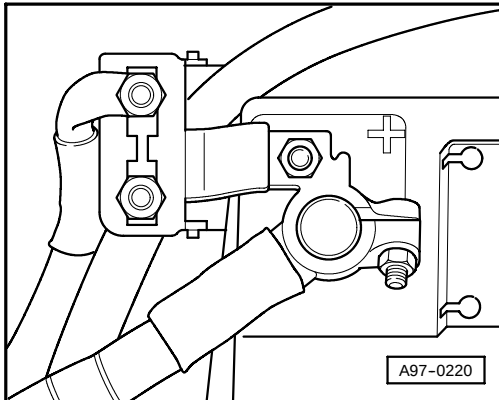


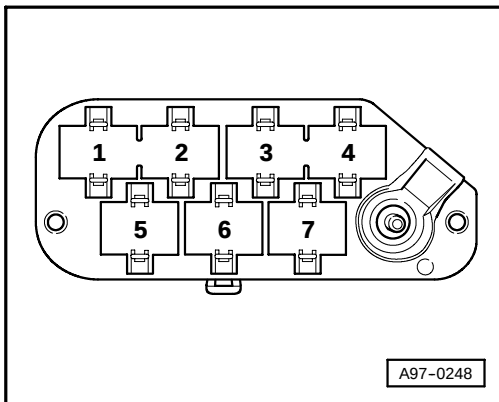
Standard Equipment

from 2002 m. y.

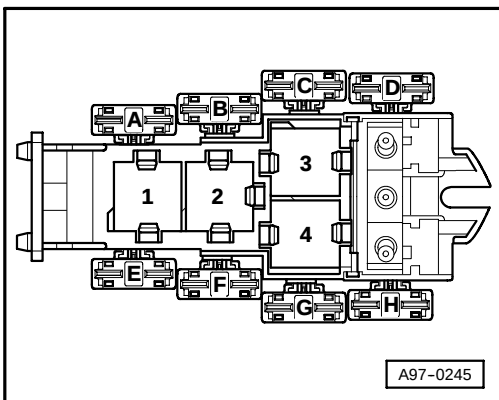
Main fuse



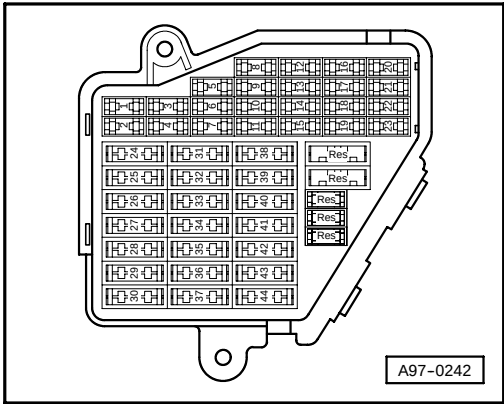
Connector station E-box, plenum chamber



4-Pin Relay Carrier with threaded connection



Fuse holder

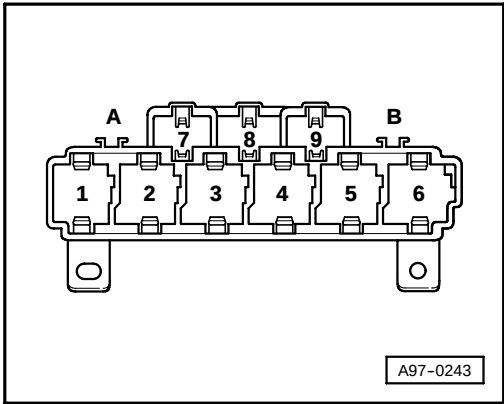


Fuse Colors

- 30 A - Green
- 25 A - White
- 20 A - Yellow
- 15 A - Blue
- 10 A - Red
- 7,5A - Orange
- 5A - Beige

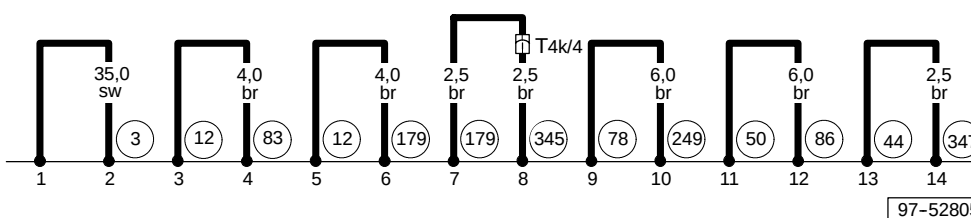
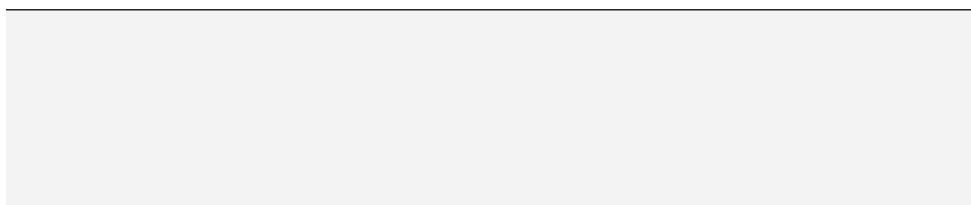
Fuse in fusebox from 23 onwards are numbered 223 onwards in Current Flow Diagram.

9-Pin Relay Carrier in the instrument panel



Relay Location :

- 3** - Horn Relay
- 6** - Load Reduction Relay



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

T4k - 4-Pin Connector, black, near front bumper

3 - Ground strap, engine to body

12 - Ground connection, in engine compartment, left

44 - Ground connection (lower left A-pillar)

50 - Ground connection, in luggage compartment, left

78 - Ground connection (lower right B-pillar)

83 - Ground connection -1-, in right front wiring harness

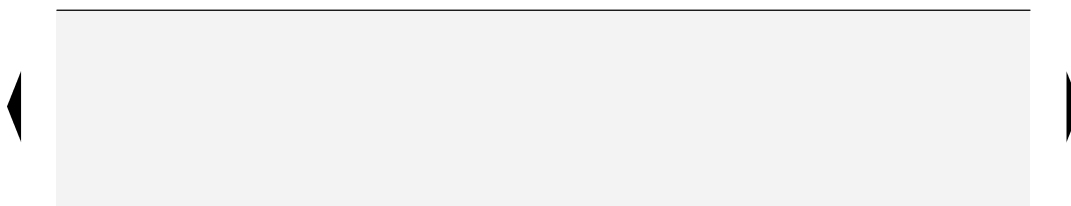
86 - Ground connection -1-, in rear wiring harness

179 - Ground connection, in left headlight wiring harness

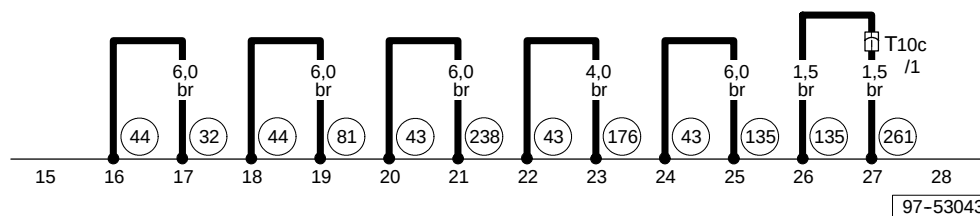
249 - Ground connection -2-, in wiring harness interior

345 - Ground connection (in bumper wiring harness), Fanfare/Fog light

347 - Ground connection (in roof wiring harness)



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



T10c - 10-Pin Connector, violet, connector station
A-pillar, left

32 - Ground connection, behind instrument panel,
left

43 - Ground connection (lower right A-pillar)

44 - Ground connection (lower left A-pillar)

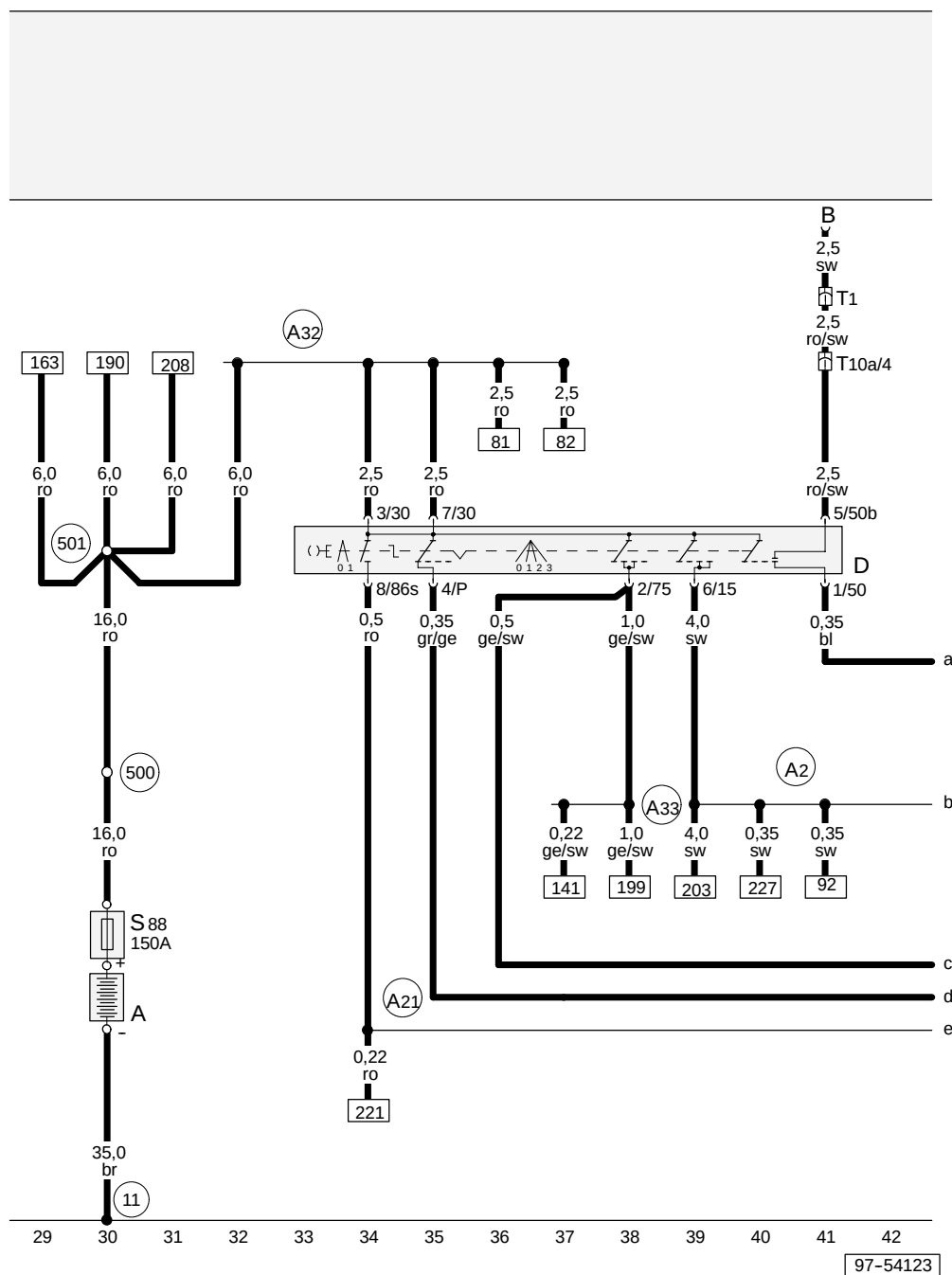
81 - Ground connection -1-, in instrument panel
wiring harness

135 - Ground connection -2-, in instrument panel
wiring harness

176 - Ground connection, in right headlight wiring
harness

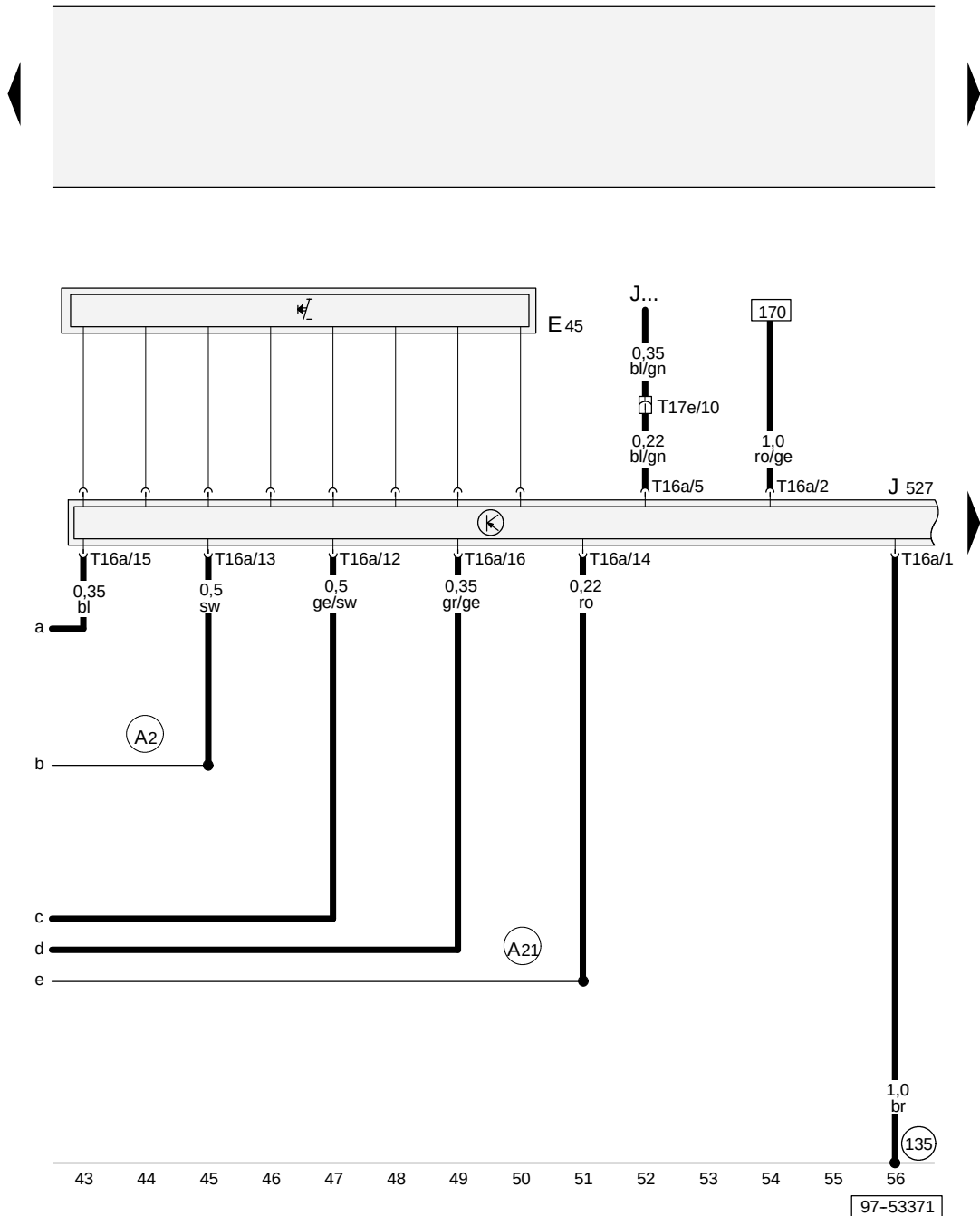
238 - Ground connection -1-, in wiring harness
interior

261 - Ground connection, in wiring harness heated
spray jet



- A - Battery
- B - Starter
- D - Ignition/Starter Switch
- S88 - Fuse Strip (main fuse)
- T1 - 1-Pin Connector, black, engine compartment, right
- T10a - 10-Pin Connector, brown, connector station E-box, plenum chamber
- 11 - Ground connection, in battery box
- 500 - Threaded connection -1- (30), on the relay plate
- 501 - Threaded connection -2- (30), on the relay plate

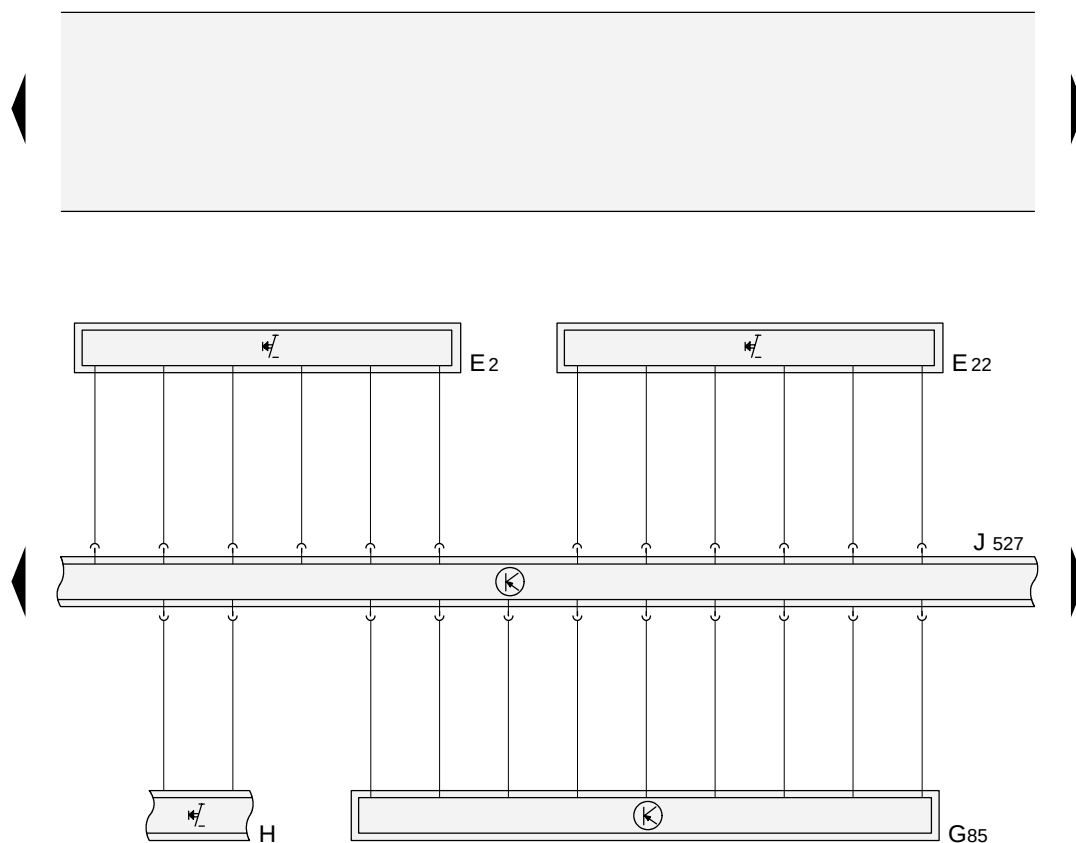
- A2 - Plus connection (15), in instrument panel wiring harness
- A21 - Wire connection (86s), in instrument panel wiring harness
- A32 - Plus connection (30), in instrument panel wiring harness
- A33 - Wire connection (75), in instrument panel wiring harness



- E45 - Cruise Control Switch
- J... - Engine Control Module (ECM)
- J527 - Steering Column Electronic Systems Control Module
- T16a - 16-Pin Connector, black, on steering Column Electronic Systems Control Module
- T17e - 17-Pin Connector, white, connector station E-box, plenum chamber

- (135) - Ground connection -2-, in instrument panel wiring harness
- (A2) - Plus connection (15), in instrument panel wiring harness
- (A21) - Wire connection (86s), in instrument panel wiring harness

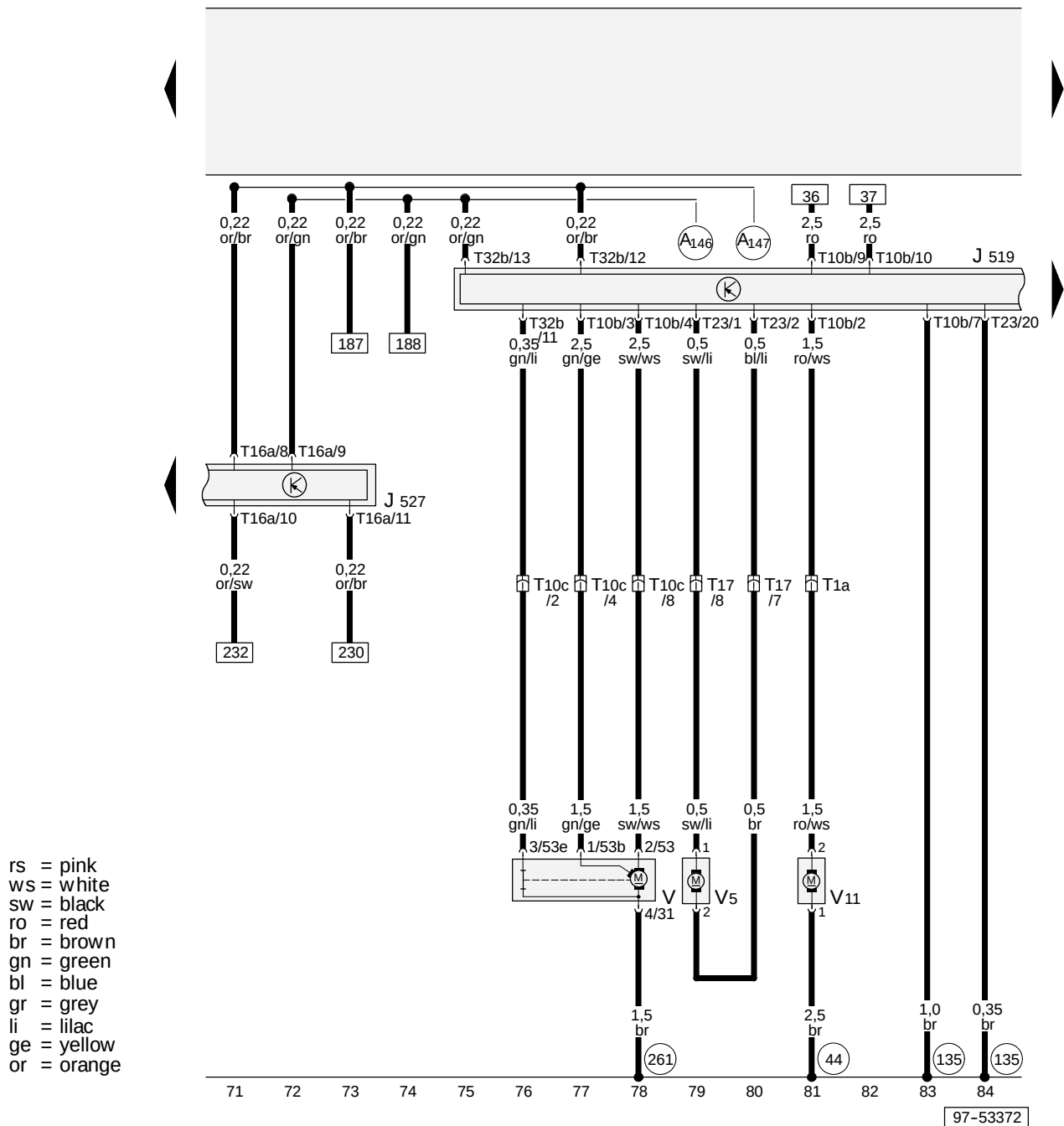
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57 58 59 60 61 62 63 64 65 66 67 68 69 70

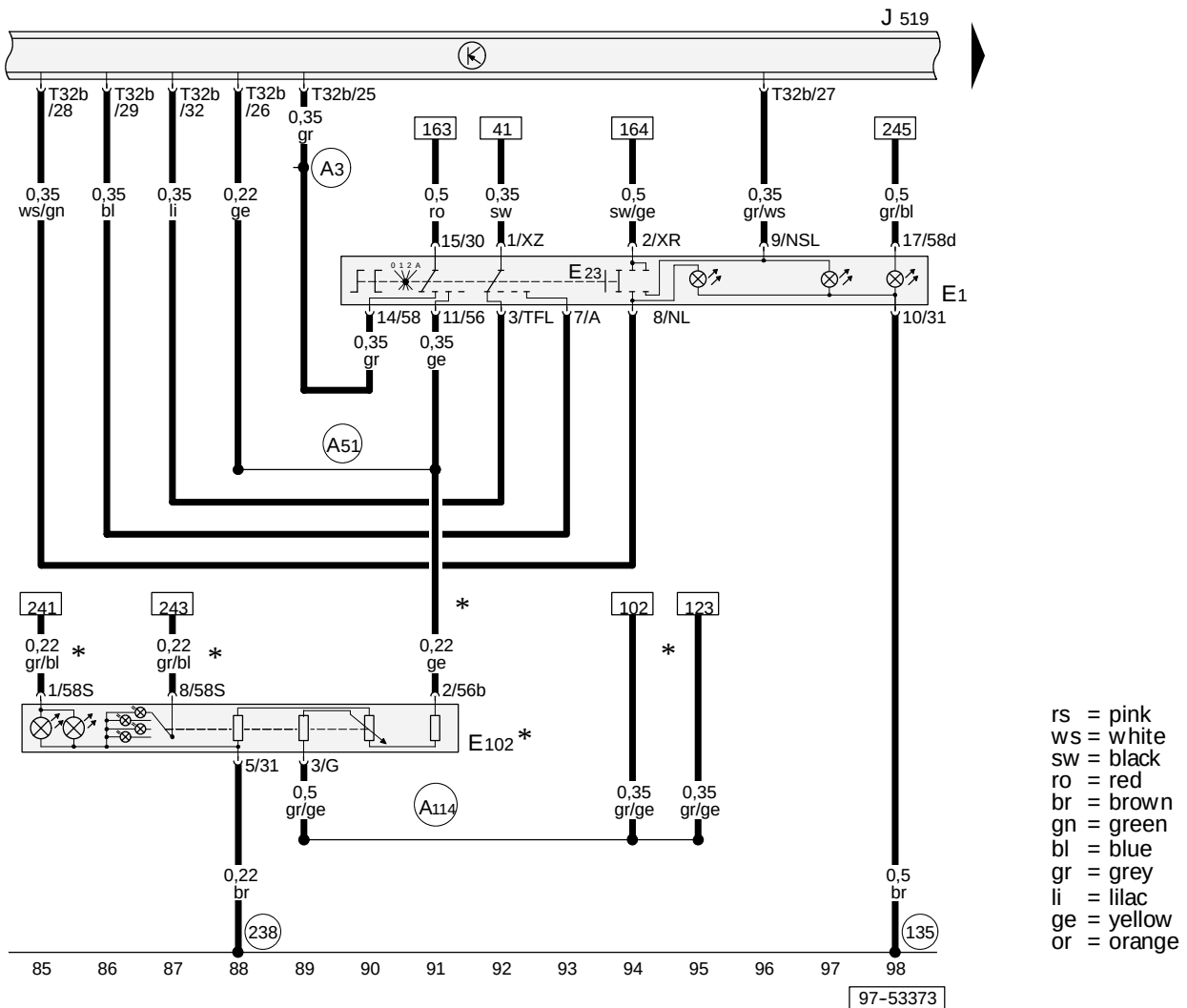
97-52809

- E2 - Turn signal switch
- E22 - Windshield Wiper/Washer Switch
- G85 - Steering Angle Sensor
- H - Signal horn activation
- J527 - Steering Column Electronic Systems Control Module



- J519 - Vehicle Electrical System Control Module
J527 - Steering Column Electronic Systems Control Module
T1a - 1-Pin Connector, black, connector station A-pillar, left
T10b - 10-Pin Connector, black, on vehicle Electrical System Control Module
T10c - 10-Pin Connector, violet, connector station A-pillar, left
T16a - 16-Pin Connector, black, on steering Column Electronic Systems Control Module
T17 - 17-Pin Connector, black, connector station A-pillar, left
T23 - 23-Pin Connector, black, on vehicle Electrical System Control Module
T32b - 32-Pin Connector, grey, on vehicle Electrical System Control Module

- V - Windshield Wiper Motor
V5 - Windshield Washer Pump
V11 - Headlight Washer Pump
(44) - Ground connection (lower left A-pillar)
(135) - Ground connection -2-, in instrument panel wiring harness
(261) - Ground connection, in wiring harness heated spray jet
(A146) - Comfort System High-bus Connection (in instrument panel wiring harness)
(A147) - Comfort System Low-bus Connection (in instrument panel wiring harness)

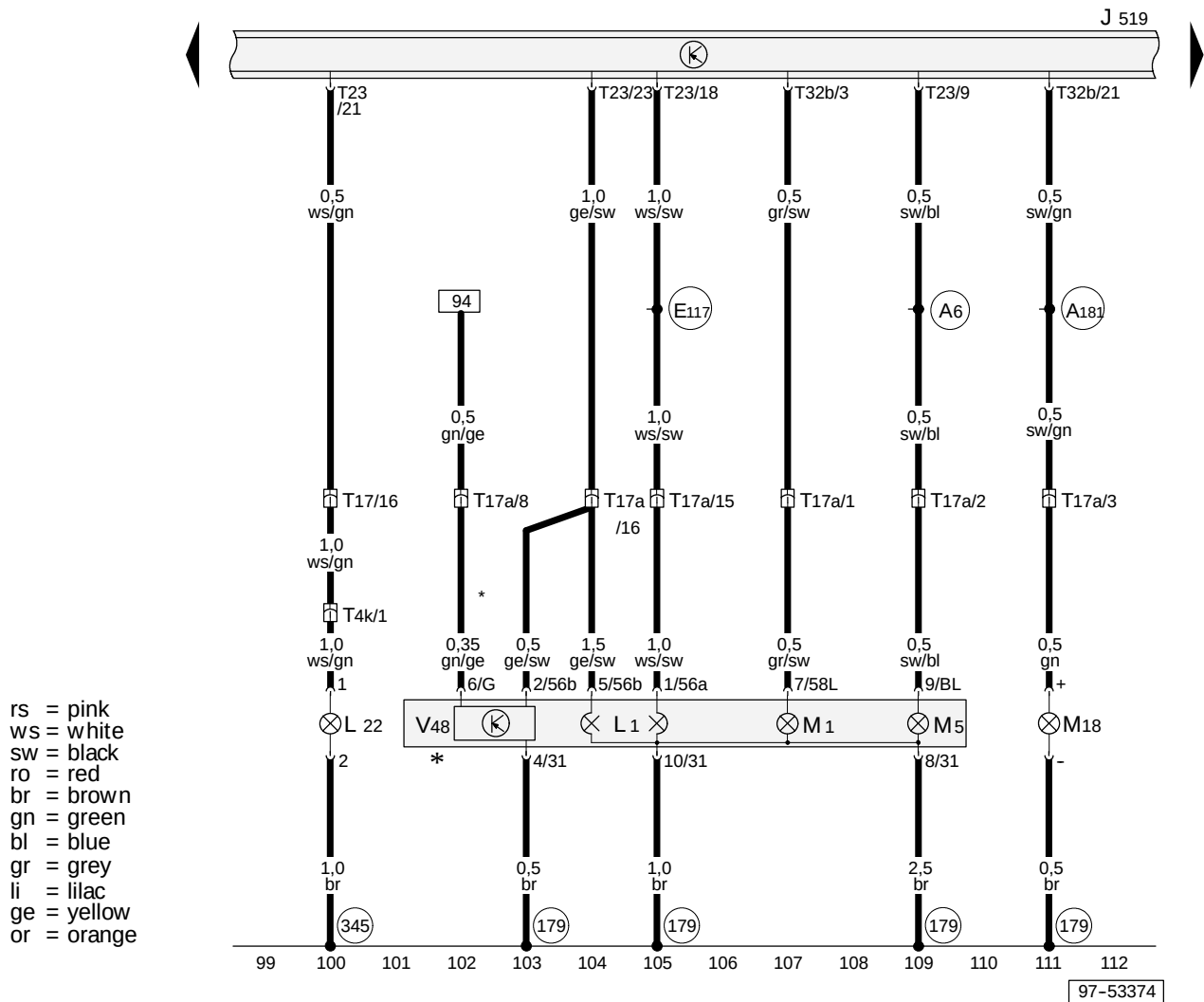


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- E1 - Light switch
- E23 - Fog Light Switch
- E102 - Headlight Adjuster
- J519 - Vehicle Electrical System Control Module
- T32b - 32-Pin Connector, grey, on vehicle Electrical System Control Module

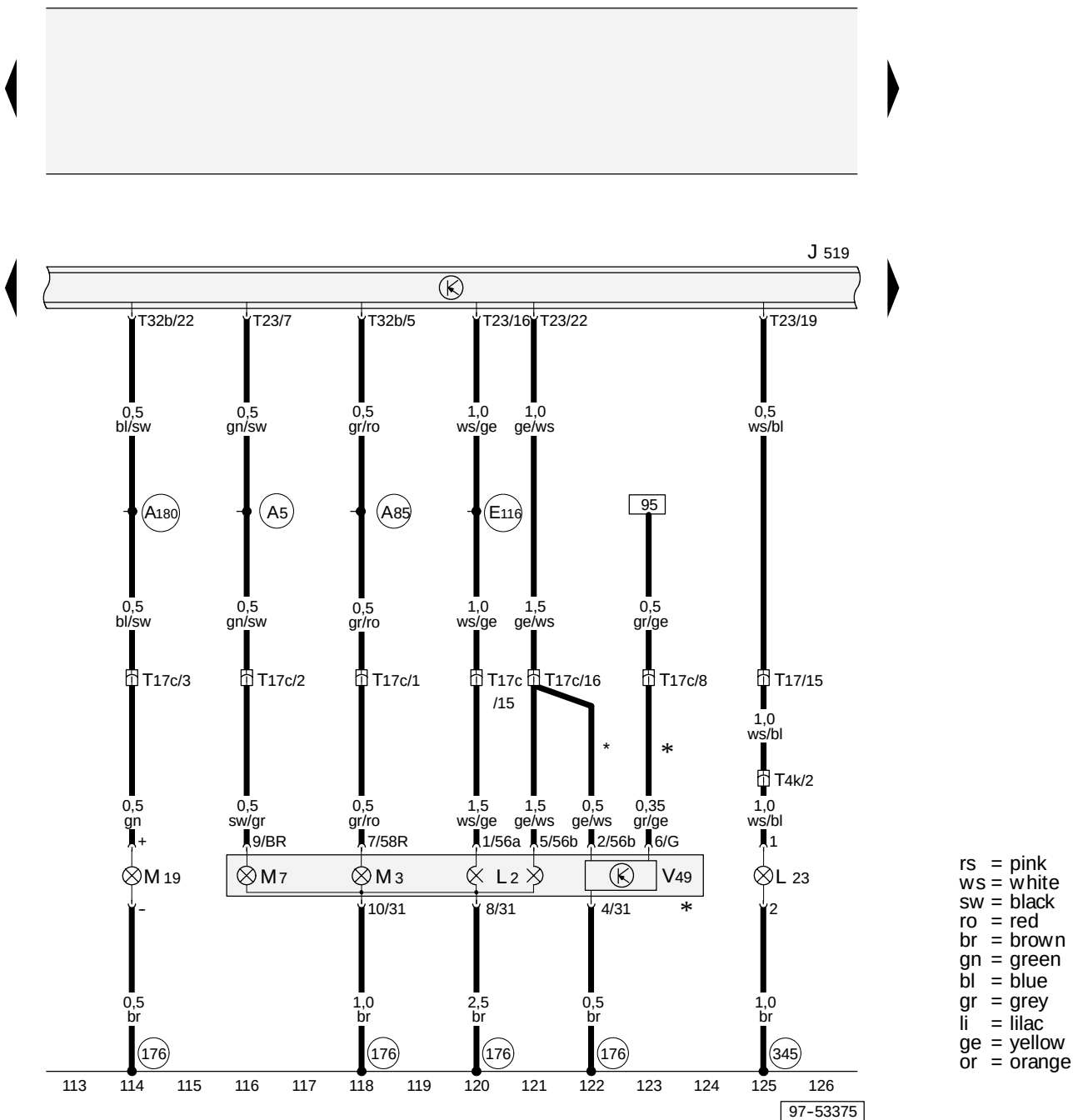
- 135 - Ground connection -2-, in instrument panel wiring harness
- 238 - Ground connection -1-, in wiring harness interior
- A3 - Plus connection (58), in instrument panel wiring harness
- A51 - Wire connection (56), in instrument panel wiring harness
- A114 - Wire connection (headlight Adjuster), in instrument panel wiring harness

* - Not applicable to USA/CDN



- J519 - Vehicle Electrical System Control Module
L1 - Twin filament bulb for headlight, left
L22 - Left Front Fog Light
M1 - Left Parking Light
M5 - Left Front Turn Signal Light
M18 - Left Side Turn Signal Light
T4k - 4-Pin Connector, black, near front bumper
T17 - 17-Pin Connector, black, connector station A-pillar, left
T17a - 17-Pin Connector, red, connector station A-pillar, left
T23 - 23-Pin Connector, black, on vehicle Electrical System Control Module
T32b - 32-Pin Connector, grey, on vehicle Electrical System Control Module
V48 - Left Headlight Beam Adjusting Motor*

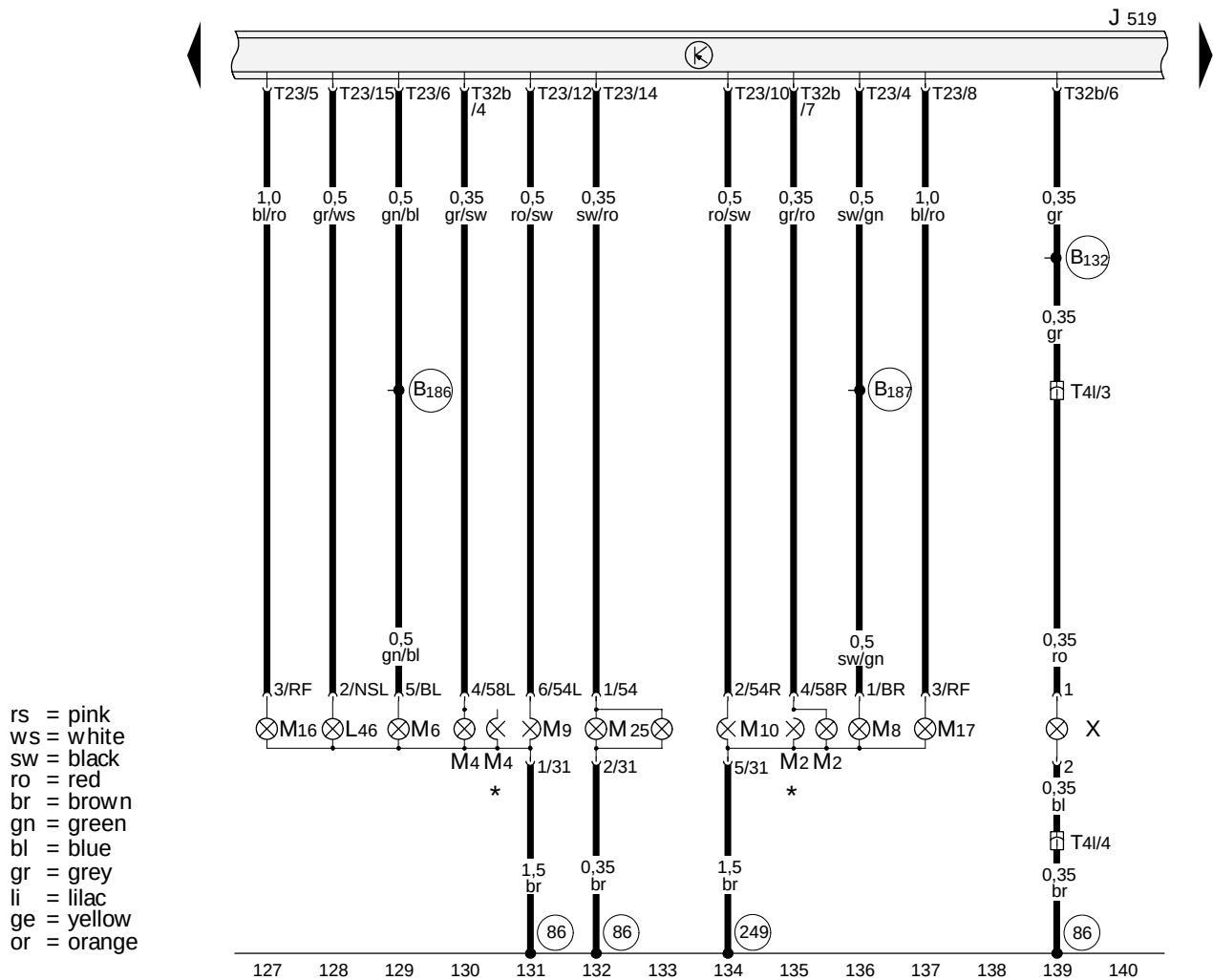
Left headlight, left Fog Light



- J519 - Vehicle Electrical System Control Module
 L2 - Twin filament bulb for headlight, right
 L23 - Right Front Fog Light
 M3 - Right Parking Light
 M7 - Right Front Turn Signal Light
 M19 - Right Side Turn Signal Light
 T4k - 4-Pin Connector, black, near front bumper
 T17 - 17-Pin Connector, black, connector station A-pillar, left
 T17c - 17-Pin Connector, red, connector station A-pillar, right
 T23 - 23-Pin Connector, black, on vehicle Electrical System Control Module
 T32b - 32-Pin Connector, grey, on vehicle Electrical System Control Module
 V49 - Right Headlight Beam Adjusting Motor*

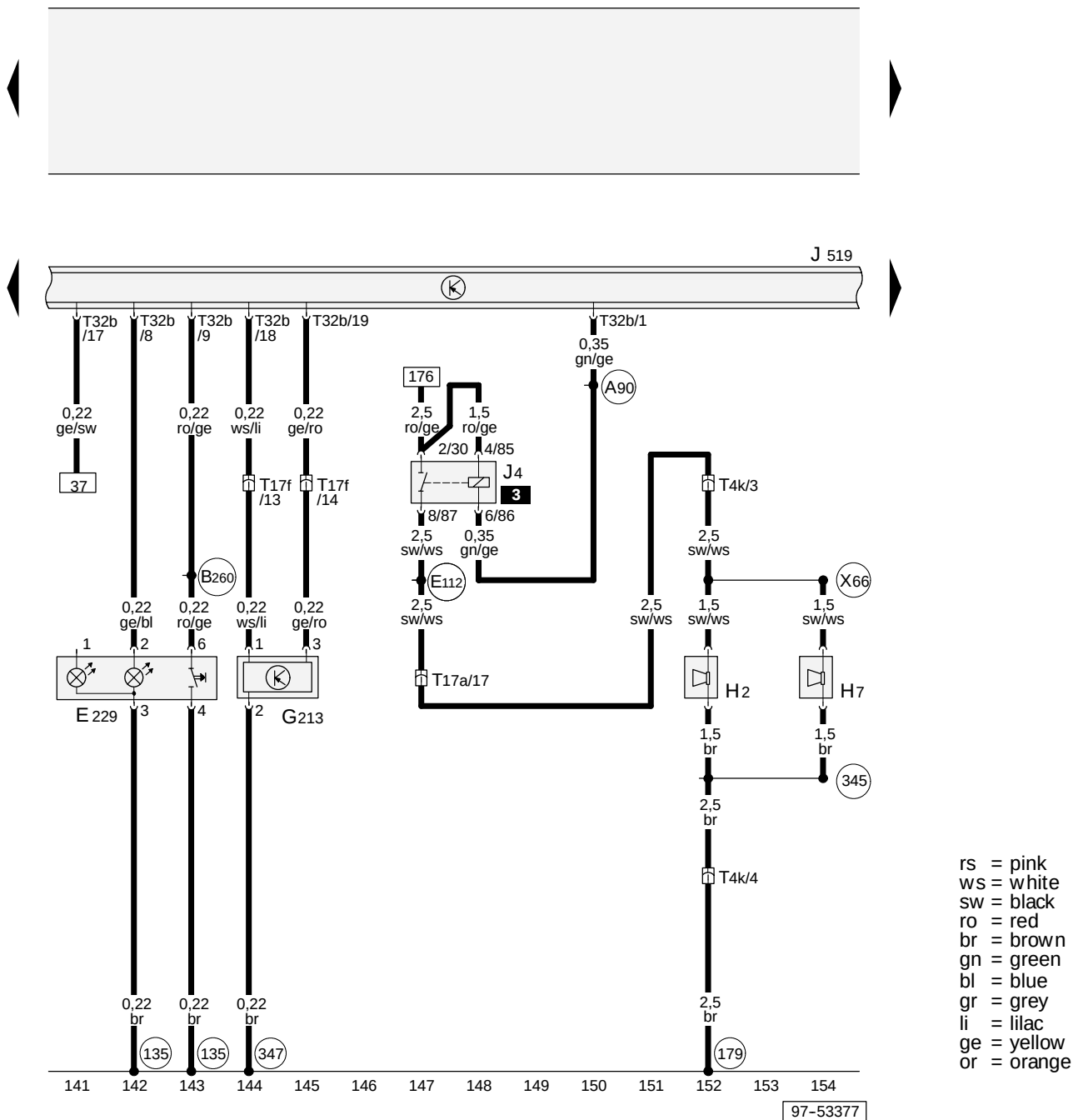
- (176) - Ground connection, in right headlight wiring harness
 (345) - Ground connection (in bumper wiring harness), Fanfare/Fog light
 A5 - Plus connection (right turn signal), in instrument panel wiring harness
 A85 - Wire connection (58R), in instrument panel wiring harness
 A180 - Right Turn Signal Plus Connection -2- (in instrument panel wiring harness)
 E116 - Connector (56a, right), in instrument panel wiring harness

* - Not applicable to USA/CDN



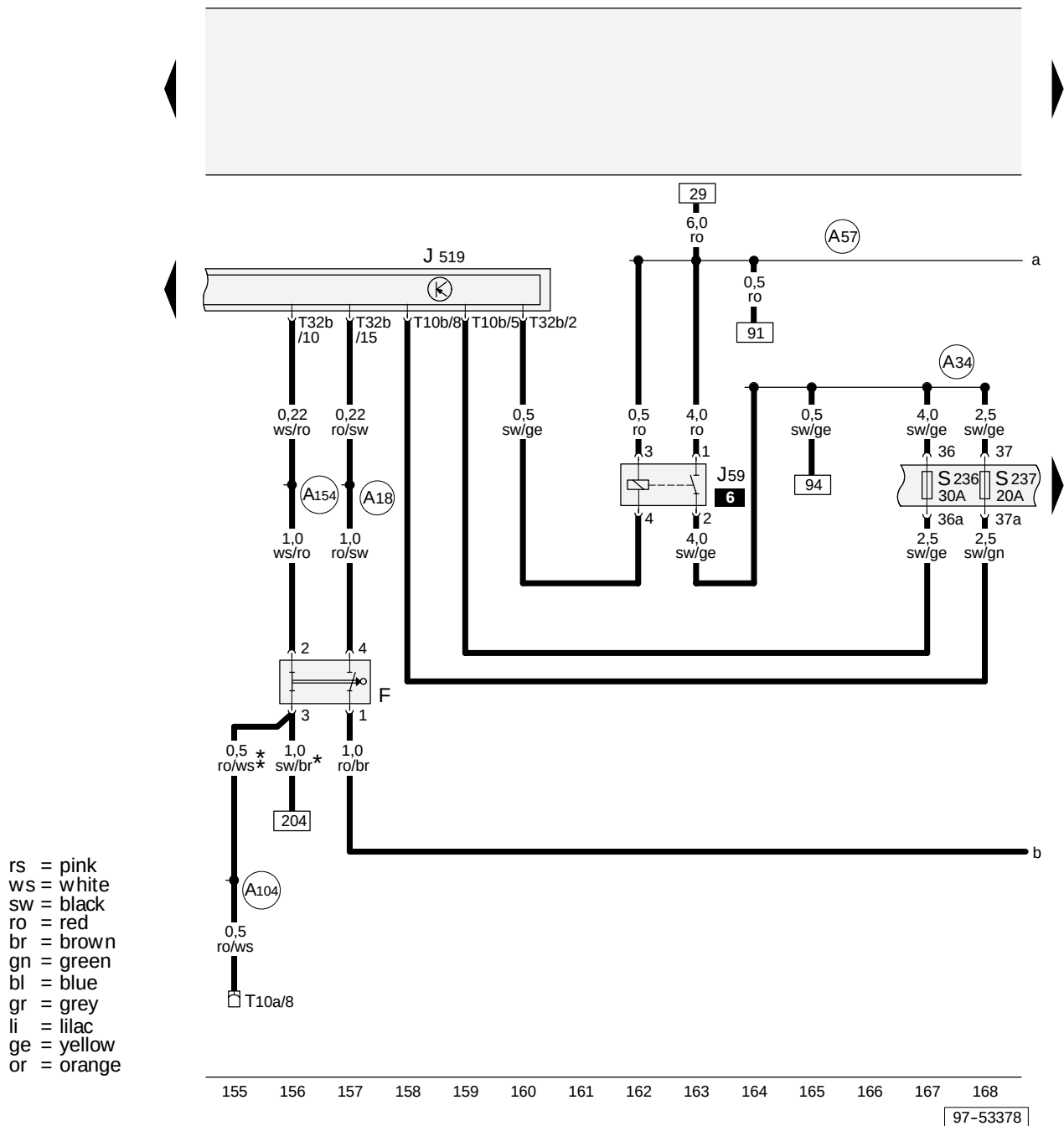
- J519 - Vehicle Electrical System Control Module
 L46 - Left Rear Fog Light
 M2 - Right Tail Light
 M4 - Left Tail Light
 M6 - Left Rear Turn Signal Light
 M8 - Right Rear Turn Signal Light
 M9 - Left Brake Light
 M10 - Right Brake Light
 M16 - Left Back-Up Light
 M17 - Right Back-Up Light
 M25 - High-mount Brake Light
 T4I - 4-Pin Connector, black, in rear lid
 T23 - 23-Pin Connector, black, on vehicle Electrical System Control Module
 T32b - 32-Pin Connector, grey, on vehicle Electrical System Control Module
 X - License Plate Light

- (86) - Ground connection -1-, in rear wiring harness
 (249) - Ground connection -2-, in wiring harness interior
 (B132) - Connector (license plate light), in wiring harness interior
 (B186) - Connector -2- (BL), in wiring harness interior
 (B187) - Connector -2- (BR), in wiring harness interior
 * - M2/M4 twin filament bulb (5W), not required



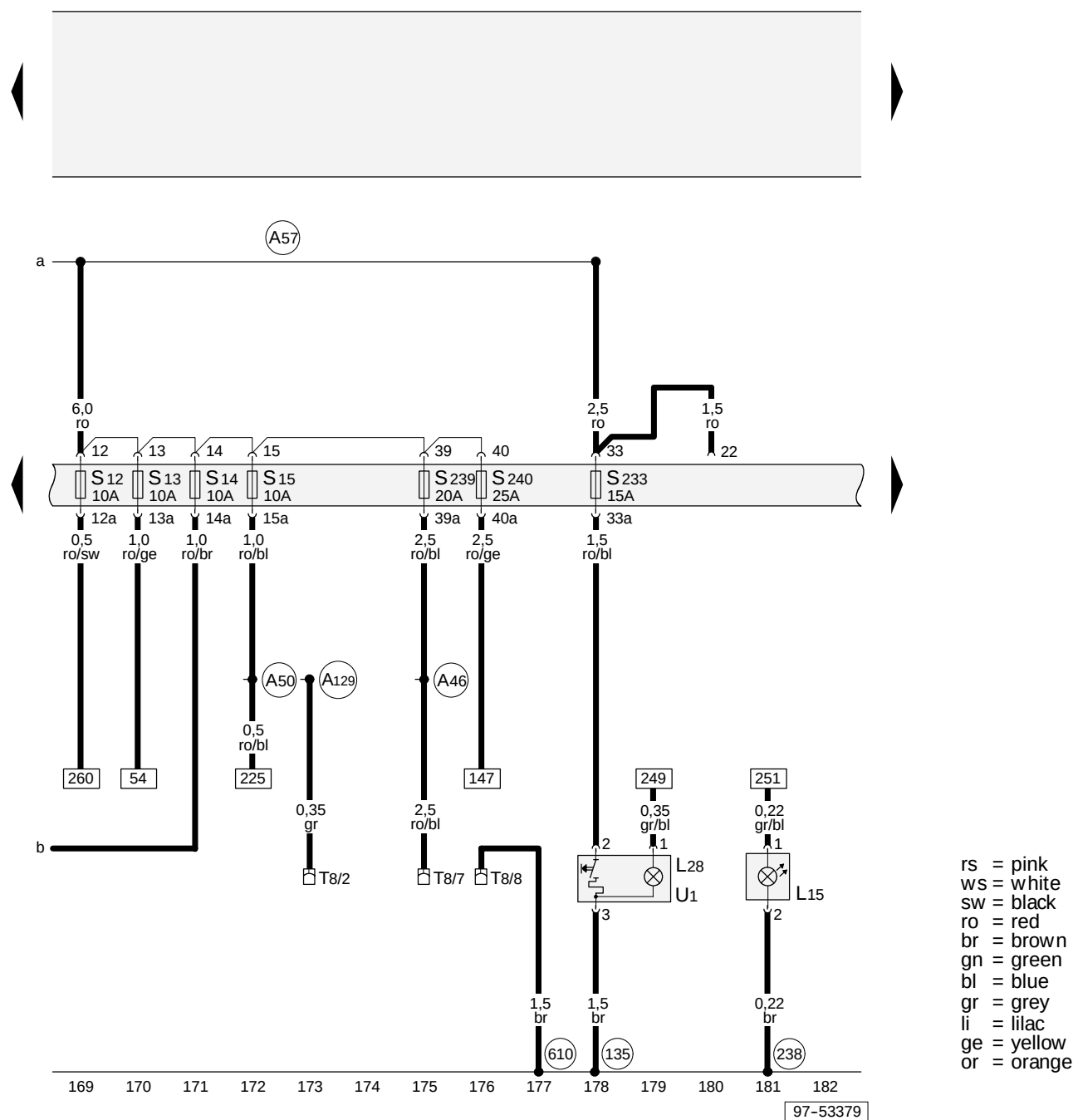
- E229 - Switch for emergency flasher
G213 - Rain Sensor
H2 - High Tone Horn
H7 - Low Tone Horn
J4 - Horn Relay
J519 - Vehicle Electrical System Control Module
T4k - 4-Pin Connector, black, near front bumper
T17a - 17-Pin Connector, red, connector station A-pillar, left
T17f - 17-Pin Connector, orange, connector station A-pillar, left
T32b - 32-Pin Connector, grey, on vehicle Electrical System Control Module

- (135) - Ground connection -2-, in instrument panel wiring harness
(179) - Ground connection, in left headlight wiring harness
(345) - Ground connection (in bumper wiring harness), Fanfare/Fog light
(347) - Ground connection (in roof wiring harness)
(A90) - Connector (two-tone horn), in instrument panel wiring harness
(B260) - Connector (emergency flasher), in wiring harness interior
(E112) - Connector (Horn-87h) in instrument panel wiring harness
(X66) - Horn Connection (in front bumper wiring harness)



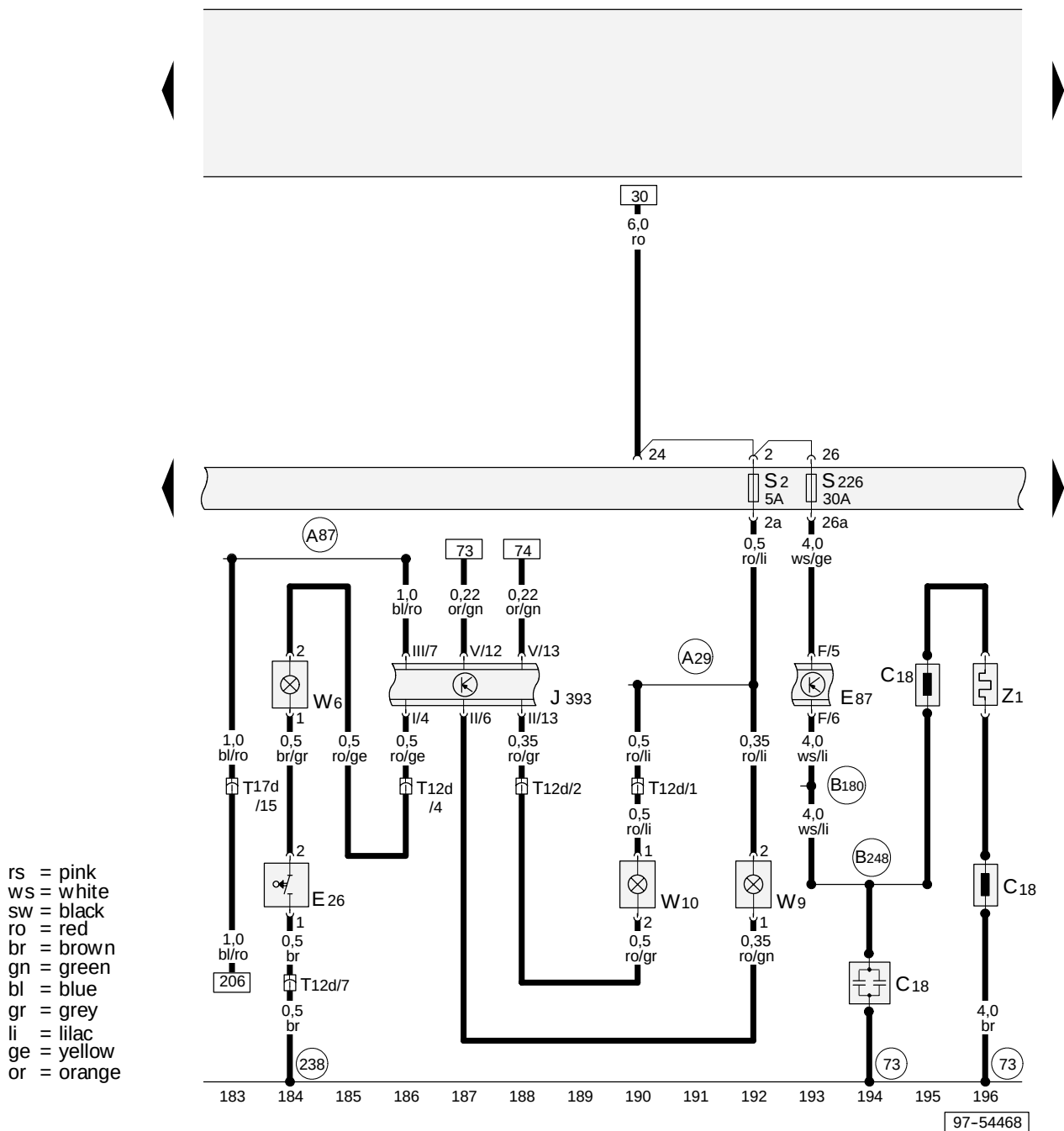
- F - Brake Light Switch
J59 - Load Reduction Relay
J519 - Vehicle Electrical System Control Module
S236 - Fuse in fuse holder
S237 - Fuse in fuse holder
T10a - 10-Pin Connector, brown, connector station E-box, plenum chamber
T10b - 10-Pin Connector, black, on vehicle Electrical System Control Module
T32b - 32-Pin Connector, grey, on vehicle Electrical System Control Module

- (A18) - Wire connection (54), in instrument panel wiring harness
(A34) - Wire connection (75x), in instrument panel wiring harness
(A57) - Plus connection -3- (30), in instrument panel wiring harness
(A154) - Wire connection (Brake Light Switch), in instrument panel wiring harness
(A104) - Plus connector -2-, in instrument panel wiring harness

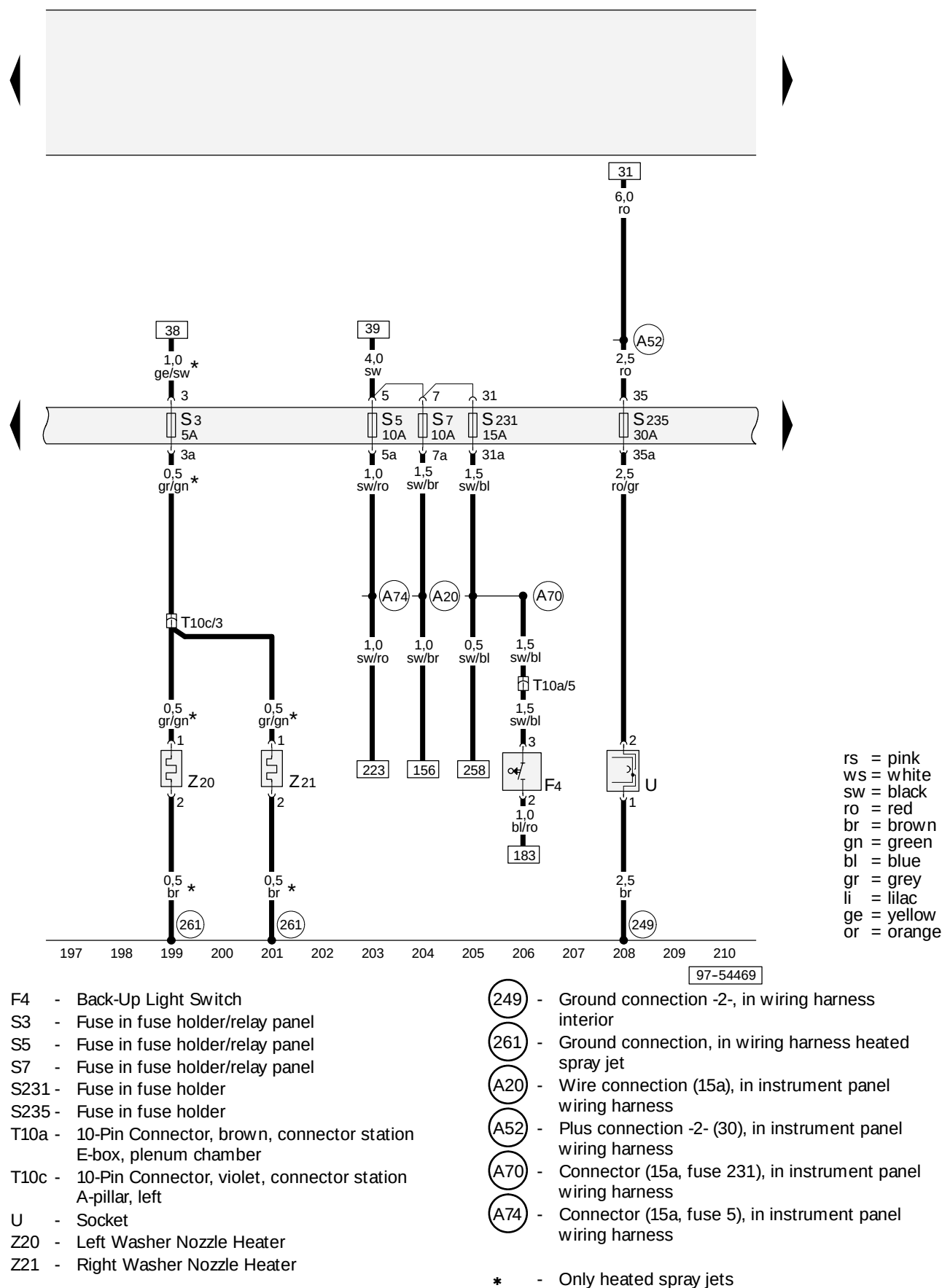


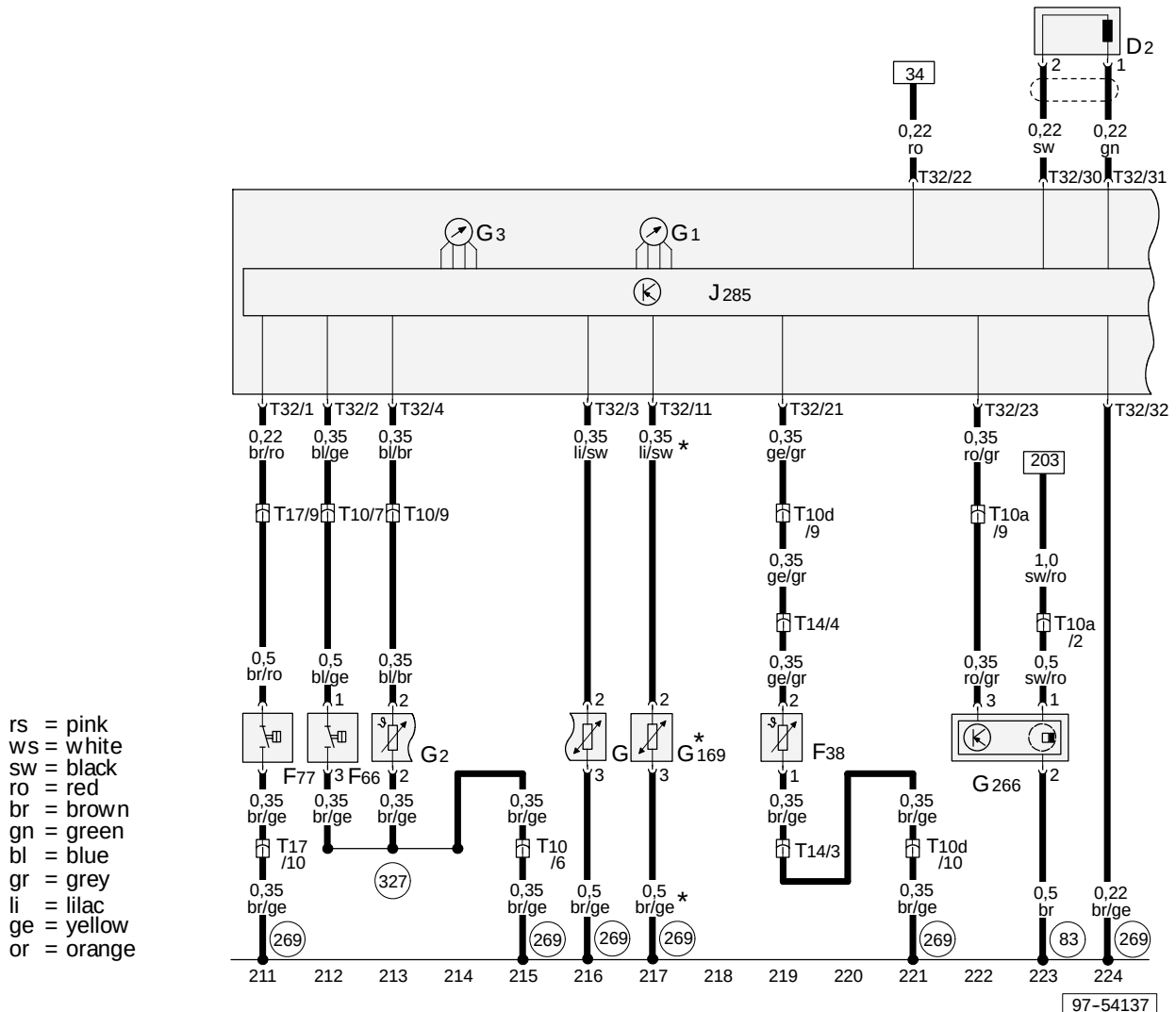
- L15 - Ashtray Light
- L28 - Cigarette Lighter Light
- S12 - Fuse in fuse holder/relay panel
- S13 - Fuse in fuse holder/relay panel
- S14 - Fuse in fuse holder/relay panel
- S15 - Fuse in fuse holder/relay panel
- S233 - Fuse in fuse holder
- S239 - Fuse in fuse holder
- S240 - Fuse in fuse holder
- T8 - 8-Pin Connector, black, radio connector III
- U1 - Cigarette Lighter

- (135) - Ground connection -2-, in instrument panel wiring harness
- (238) - Ground connection -1-, in wiring harness interior
- (610) - Ground connection (Audio) (under center console, front)
- (A46) - Plus connection (30-from radio), in instrument panel wiring harness
- (A50) - Plus connection (30as), in instrument panel wiring harness
- (A57) - Plus connection -3- (30), in instrument panel wiring harness
- (A129) - Wire connection (quiet switch), in instrument panel wiring harness



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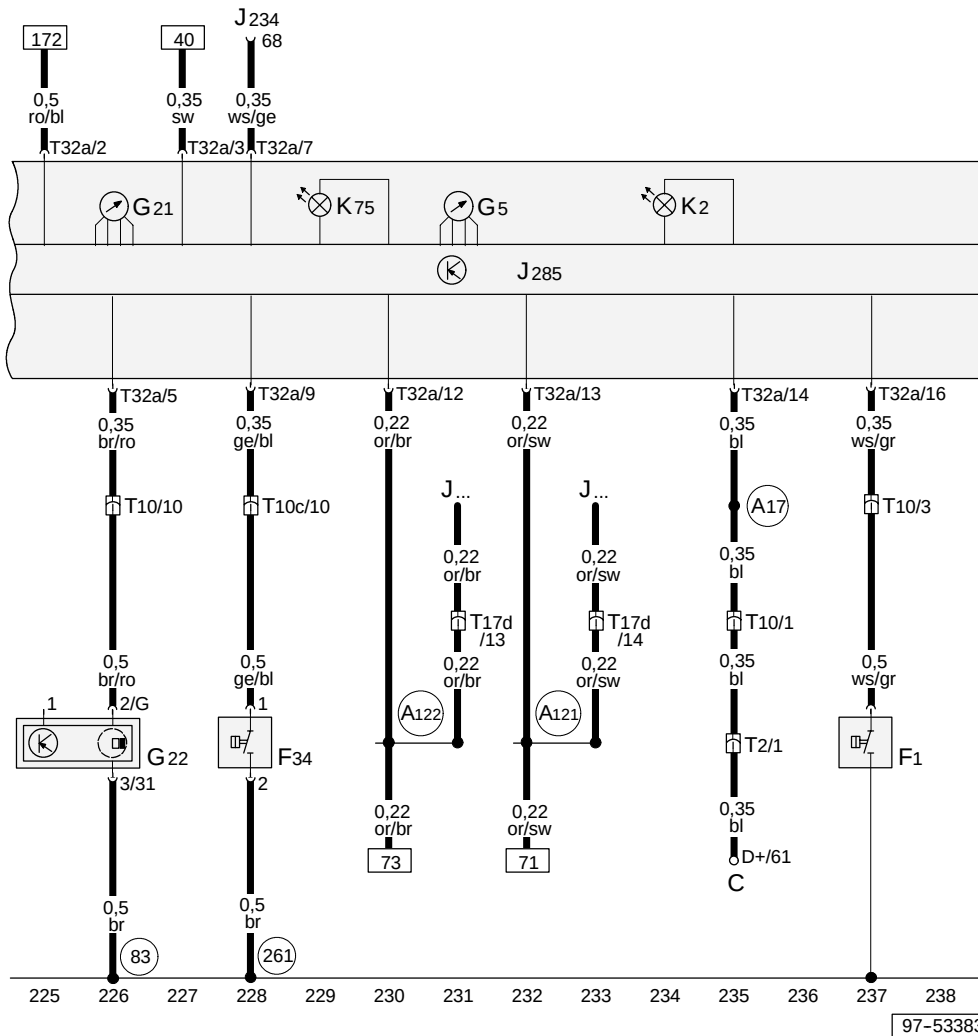


- D2 - Induction Coil of Anti-theft Immobilizer
- F38 - Ambient Temperature Switch
- F66 - Engine Coolant Level (ECL) Warning Switch
- F77 - Windshield Washer Fluid Level Warning Switch
- G - Sender for fuel gauge
- G1 - Fuel Gauge
- G2 - Engine Coolant Temperature (ECT) Sensor
- G3 - Engine Coolant Temperature (ECT) Gauge
- G169 - Fuel Level Sensor 2
- G266 - Oil Level Thermal Sensor
- J285 - Control module with indicator unit in instrument panel insert
- T10 - 10-Pin Connector, black, connector station E-box, plenum chamber
- T10a - 10-Pin Connector, brown, connector station E-box, plenum chamber

- T10d - 10-Pin Connector, grey, connector station A-pillar, left
- T14 - 14-Pin Connector, black, in engine compartment, left
- T17 - 17-Pin Connector, black, connector station A-pillar, left
- T32 - 32-Pin Connector, blue, on instrument panel insert

- (83) - Ground connection -1-, in right front wiring harness
- (269) - Ground connection (sensor Ground) -1-, in instrument panel wiring harness
- (327) - Ground connection (sensor Ground), in engine compartment wiring harness

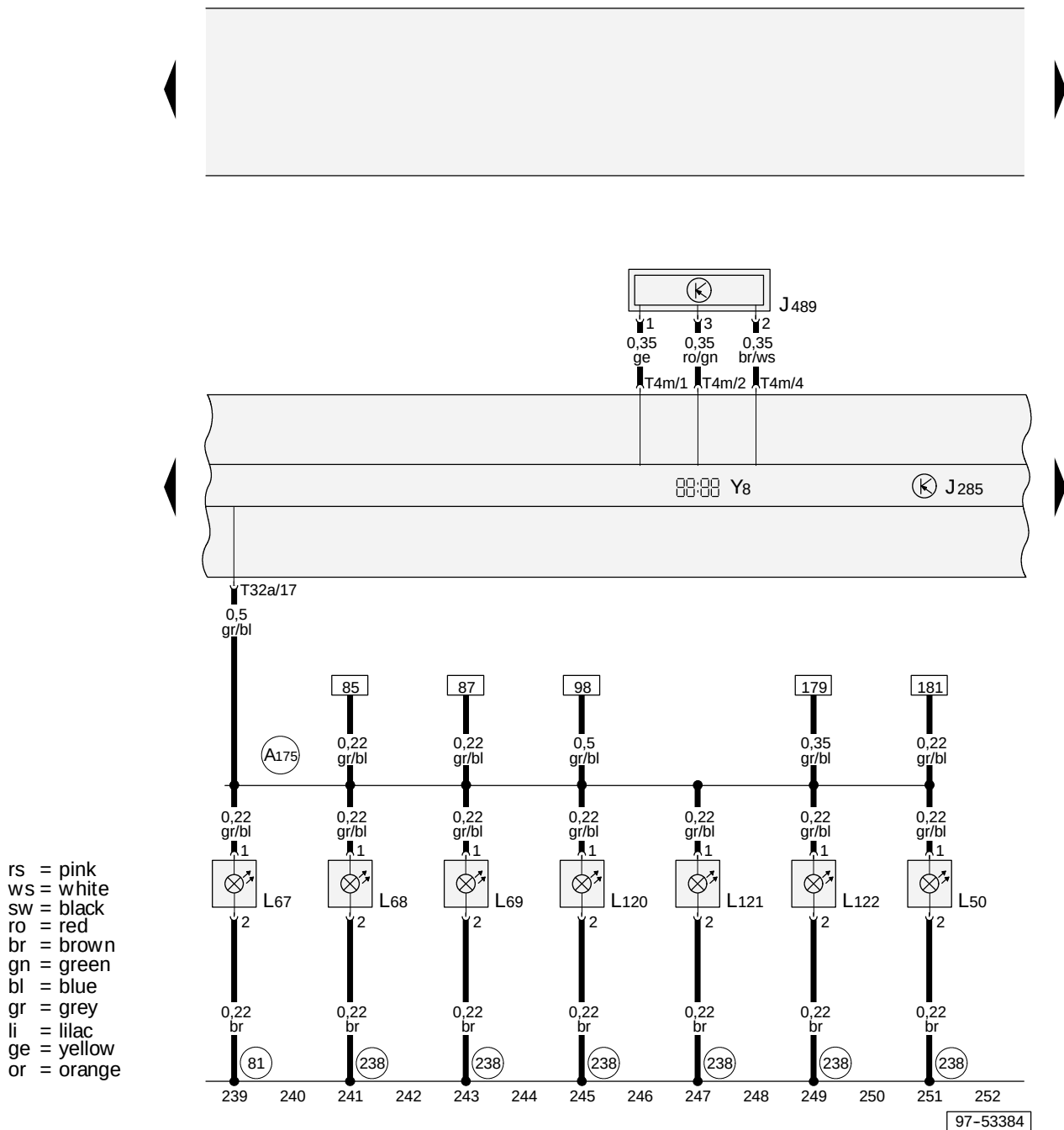
* - only quattro



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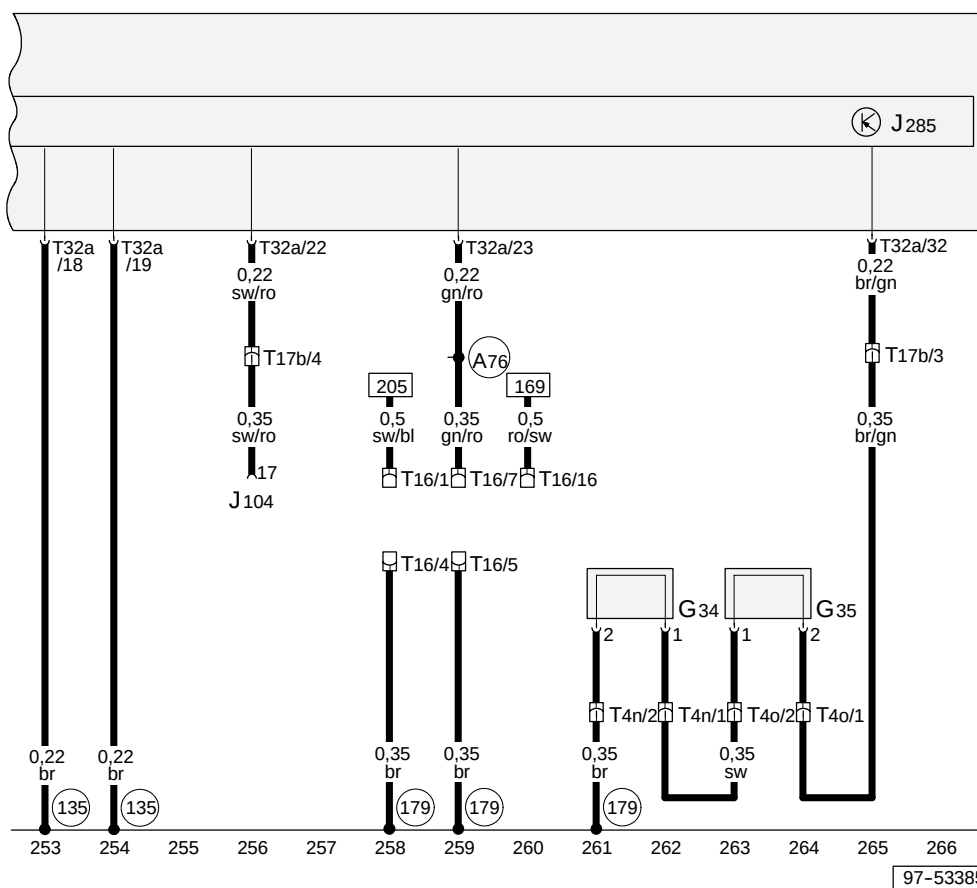
- C - Generator (GEN)
- F1 - Oil Pressure Switch
- F34 - Brake Fluid Level Warning Switch
- G5 - Tachometer
- G21 - Speedometer
- G22 - Speedometer Vehicle Speed Sensor
- J... - Engine Control Module (ECM)
- J234 - Airbag Control Module
- J285 - Control module with indicator unit in instrument panel insert
- K2 - Generator (GEN) Warning Light
- K75 - Airbag Malfunction Indicator Lamp (MIL)
- T2 - Double Connector, black, engine compartment, right
- T10 - 10-Pin Connector, black, connector station E-box, plenum chamber

- T10c - 10-Pin Connector, violet, connector station A-pillar, left
- T17d - 17-Pin Connector, red, connector station E-box, plenum chamber
- T32a - 32-Pin Connector, green, on instrument panel insert
- (83) - Ground connection -1-, in right front wiring harness
- (261) - Ground connection, in wiring harness heated spray jet
- (A17) - Wire connection (61), in instrument panel wiring harness
- (A121) - Wire connection (High-bus), in instrument panel wiring harness
- (A122) - Wire connection (Low-bus), in instrument panel wiring harness



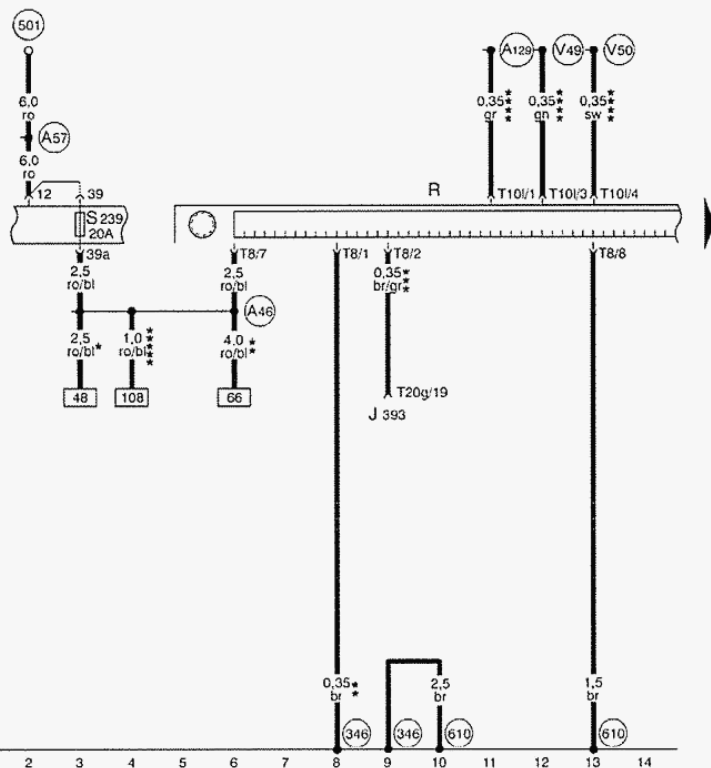
- J285 - Control module with indicator unit in instrument panel insert
 J489 - Radio Frequency Controlled Clock Receiver
 L50 - Rear Center Ashtray Light
 L67 - Left Instrument Panel Vent Illumination
 L68 - Center Instrument Panel Vent Illumination
 L69 - Right Instrument Panel Vent Illumination
 L120 - Storage Compartment Illumination
 L121 - Cup Holder Illumination
 L122 - Coin Holder Illumination
 T4m - 4-Pin Connector, black, on instrument panel insert
 T32a - 32-Pin Connector, green, on instrument panel insert
 Y8 - Radio Frequency Controlled Clock

- (81) - Ground connection -1-, in instrument panel wiring harness
 (238) - Ground connection -1-, in wiring harness interior
 (A175) - Wire connection (58s), in instrument panel wiring harness



- G34 - Left Front Brake Pad Wear Sensor
 G35 - Right Front Brake Pad Wear Sensor
 J104 - ABS Control Module (w/EDL)
 J285 - Control module with indicator unit in instrument panel insert
 T4n - 4-Pin Connector, black, left front
 T4o - 4-Pin Connector, black, right front
 T16 - 16-Pin Data Link Connector (DLC), black, under instrument panel, left
 T17b - 17-Pin Connector, green, connector station A-pillar, left
 T32a - 32-Pin Connector, green, on instrument panel insert

- (135) - Ground connection -2-, in instrument panel wiring harness
 (179) - Ground connection, in left headlight wiring harness
 (A76) - Wire connection (K-diagnosis wire), in instrument panel wiring harness



J393 - Central control module for comfort system
 R - Radio
 S239 - Fuse in fuse holder
 T8 - 8-Pin Connector, black, radio connector III
 T10I - 10-Pin Connector, red, radio connector IV
 T20g - 20-Pin Connector, red, on central control module for comfort system (used to be Connector 4)

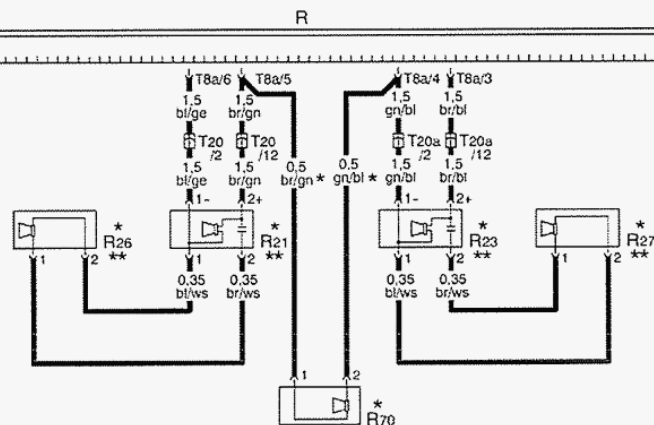
346 - Ground connection (Audio), in instrument panel wiring harness
 501 - Threaded connection -2- (30), on the relay plate
 610 - Ground connection (Audio) (under center console, front)
 A46 - Plus connection (30-from radio), in instrument panel wiring harness
 A57 - Plus connection -3- (30), in instrument panel wiring harness
 A129 - Connection (mute), in instrument panel wiring harness
 V49 - Low Frequency + Connection (in communication wiring harness)
 V50 - Low Frequency - Connection (in communication wiring harness)

* - with Amplified Speaker only
 ** - with Bose Speaker only
 *** - with alarm system only
 **** - with Telephone only
 ***** - with Satellite Tuner Radio only

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

- R - Radio
 R21 - Bass speaker, left front
 R23 - Bass speaker, right front
 R26 - Left Front Midrange Speaker
 R27 - Right Front Midrange Speaker
 R70 - Inside loudspeaker (Center Speaker)
 T8a - 8-Pin Connector, brown, radio connector II
 T20 - 20-Pin Connector, black, door A-pillar, left
 T20a - 20-Pin Connector, black, door A-pillar, right

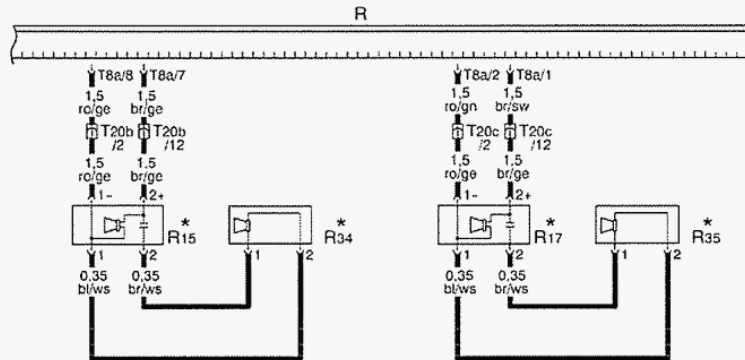
- * - with Amplified Speaker only
 ** - with Passive Speaker only



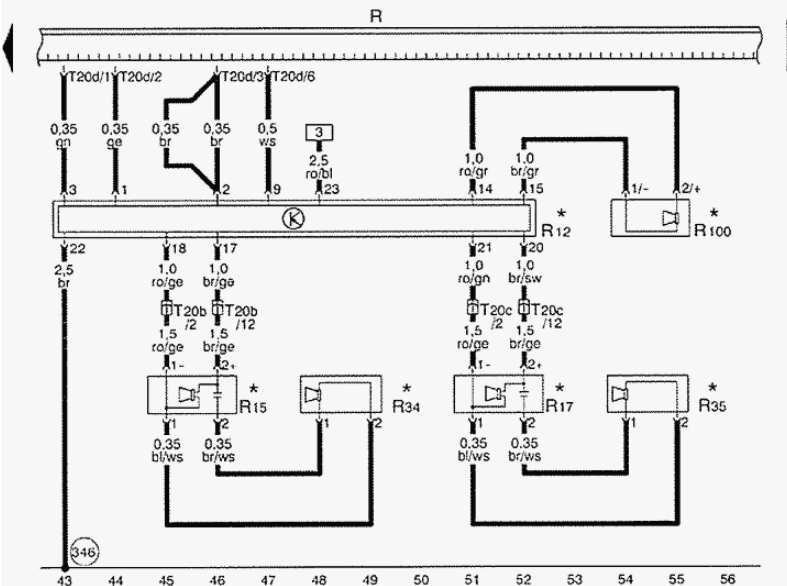
rs = pink
 ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 ge = yellow
 or = orange

- R - Radio
- R15 - Bass speaker, left rear
- R17 - Bass speaker, right rear
- R34 - Left Rear Midrange Speaker
- R35 - Right Rear Midrange Speaker
- T8a - 8-Pin Connector, brown, radio connector II
- T20b - 20-Pin Connector, black, door B-pillar, left
- T20c - 20-Pin Connector, black, door B-pillar, right

* - with Passive Speaker only



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

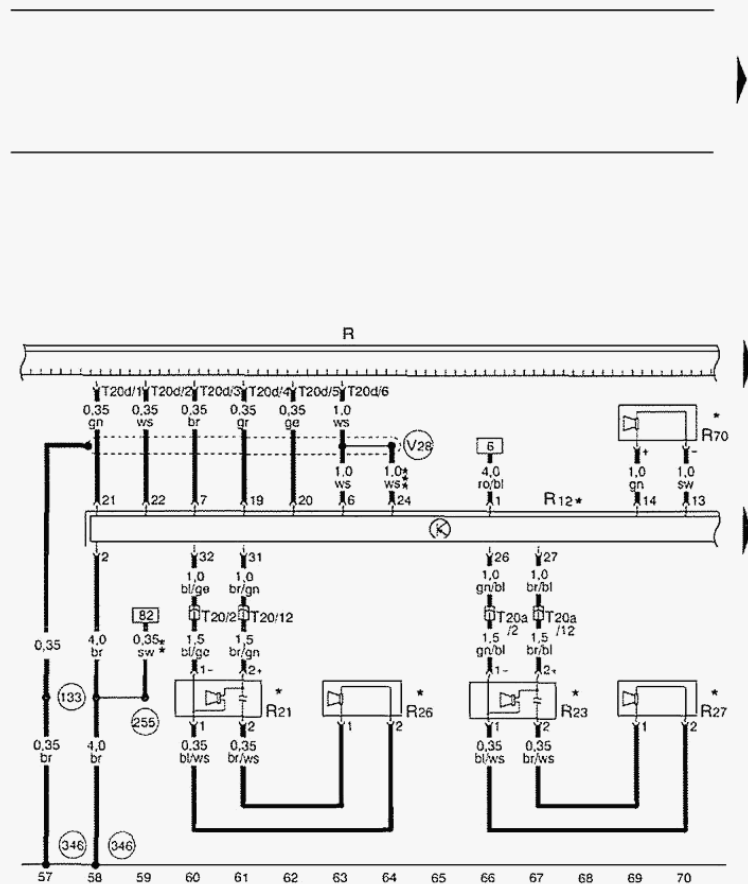


- R - Radio
- R12 - Amplifier
- R15 - Bass speaker, left rear
- R17 - Bass speaker, right rear
- R34 - Left Rear Midrange Speaker
- R35 - Right Rear Midrange Speaker
- R100 - Bass loudspeaker
- T20b - 20-Pin Connector, black, door B-pillar, left
- T20c - 20-Pin Connector, black, door B-pillar, right
- T20d - 20-Pin Connector, black, radio connector I

(346) - Ground connection (Audio), in instrument panel wiring harness

* - with Amplified Speaker only

rs = pink
 ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 lr = lilac
 ge = yellow
 or = orange



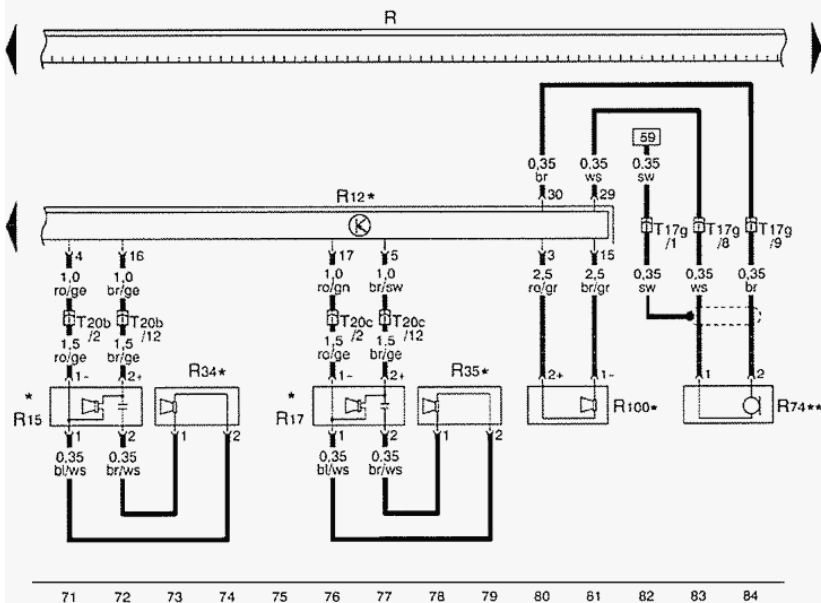
- R - Radio
- R12 - Amplifier
- R21 - Bass speaker, left front
- R23 - Bass speaker, right front
- R26 - Left Front Midrange Speaker
- R27 - Right Front Midrange Speaker
- R70 - Inside loudspeaker (Center Speaker)
- T20 - 20-Pin Connector, black, door A-pillar, left
- T20a - 20-Pin Connector, black, door A-pillar, right
- T20d - 20-Pin Connector, black, radio connector I

- 133 - Ground connection, in speaker wiring harness
- 255 - Ground connection, -1-, in wiring harness Radio
- 346 - Ground connection (Audio), in instrument panel wiring harness
- V28 - Connector -1-, in radio wiring harness

- * - with Bose Speaker only
- ** - from November 2003
- *** - through October 2003

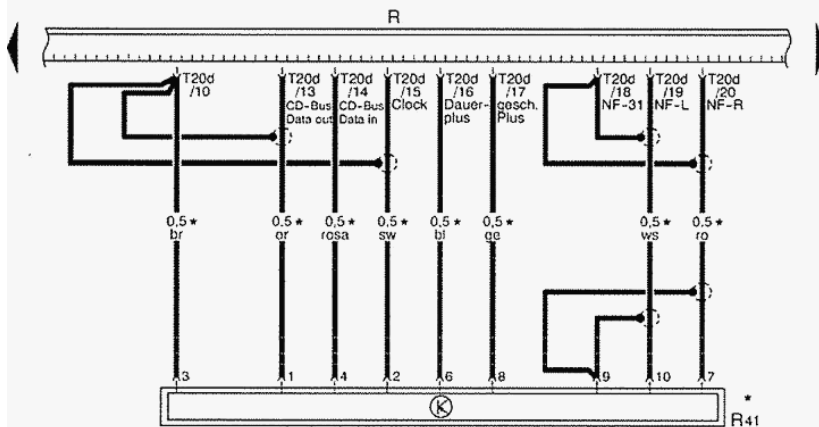
- R - Radio
- R12 - Amplifier
- R15 - Bass speaker, left rear
- R17 - Bass speaker, right rear
- R34 - Left Rear Midrange Speaker
- R35 - Right Rear Midrange Speaker
- R74 - Inside microphone
- R100 - Bass loudspeaker
- T17g - 17-Pin Connector, dark brown, connector station A-pillar, left
- T20b - 20-Pin Connector, black, door B-pillar, left
- T20c - 20-Pin Connector, black, door B-pillar, right

- * - with Bose Speaker only
- ** - from November 2003

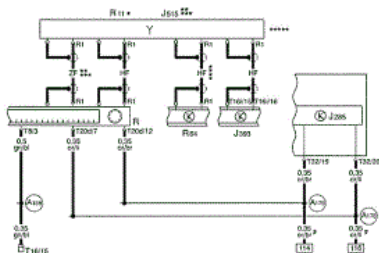


R - Radio
 R41 - CD Changer Unit
 T20d - 20-Pin Connector, black, radio connector I

* - with CD-changer Unit only



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



J285 - Control module with indicator unit in instrument panel insert

J393 - Comfort System Central Control Module

J615 - Antenna Selection Control Module

R - Radio

R1 - Antenna Connection

R11 - Antenna

R64 - Auxiliary Heater Radio Receiver

T8 - 8-Pin Connector, black, radio connector III

T16 - 16-Pin Connector, black, diagnostic connection

T16i - 16-Pin Connector, brown, on central control module for comfort system (used to be Connector 5)

T20d - 20-Pin Connector, black, radio connector I

T32 - 32-Pin Connector, blue, on instrument panel insert

A170 - Wire connection (L), in instrument panel wiring harness

A179 - Infotainment High-bus Connection in instrument panel wiring harness

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

* - with Radio chorus only

** - with Radio concert or symphony only

*** - with Radio chorus only, from 2004 m. y.

**** - not applicable to US/CDN

***** - Antenna for Sedan

- with Satellite Radio only