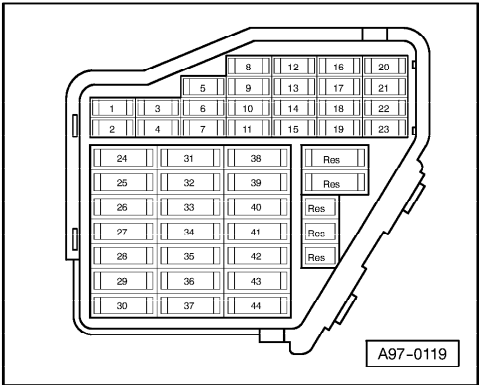


Automatic Climate Control

2004 m.y.



Fuse Panel Instrument Panel left

- Fuse Colors:
- 30 A - Green
 - 25 A - White
 - 20 A - Yellow
 - 15 A - Blue
 - 10 A - Red
 - 7,5 A - Brown
 - 5 A - Beige
 - 1 A - Black

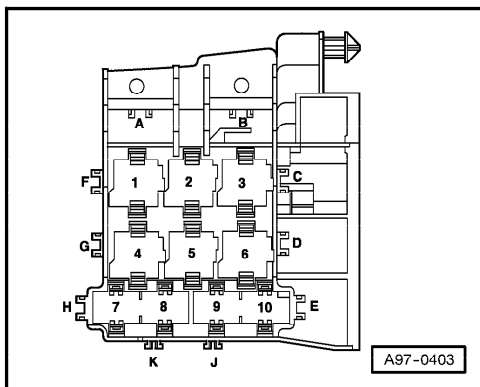
- SB - Fuses in Fuse Panel Instrument Panel, left
- SC - Fuses in Fuse Panel Instrument Panel, right
- SD - Fuses in Fuse Panel Luggage Compartment, left
- SF - Fuses in Fuse Panel Luggage Compartment, right

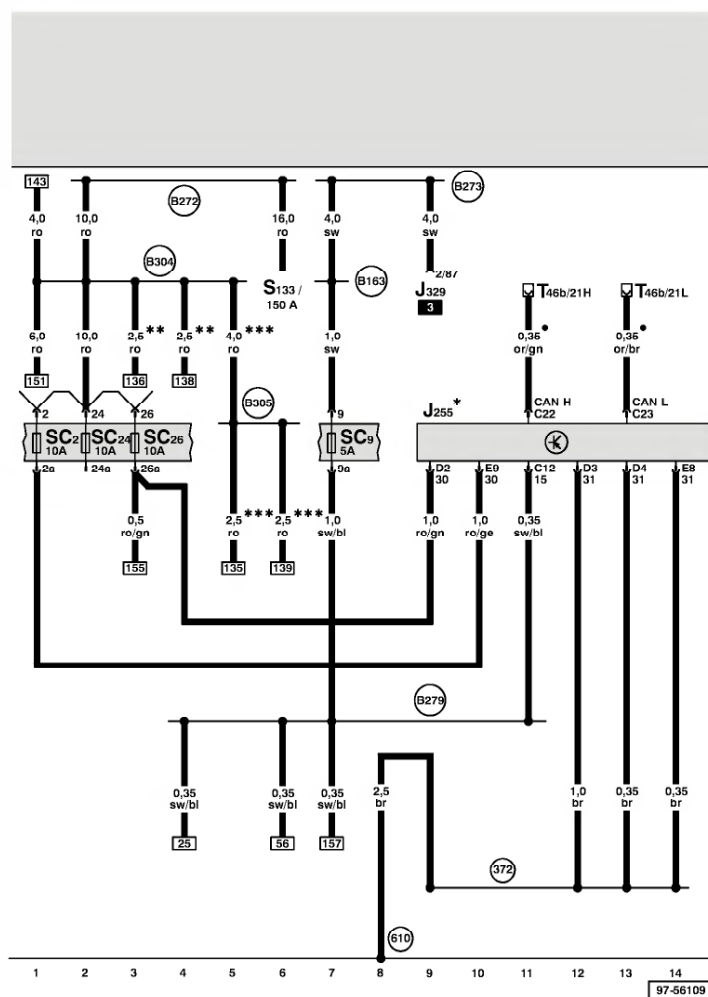
Relay and Fuse Panel behind Instrument Panel, left

Relay Location:

3 - Voltage Supply Terminal 15 (B+) Relay, J329

6 - Power Supply Relay 1 (terminal 75), J680





Climatron Control Module. Fuses

- J255 - Climatron Control Module
- J329 - Voltage Supply Terminal 15 (B+) Relay
- S133 - Safety fuse 3, 150 A, in Luggage Compartment, right rear
- SC2 - Fuse 2 (in fuse holder)
- SC9 - Fuse 9 (in fuse holder)
- SC24 - Fuse 24 (in fuse holder)
- SC26 - Fuse 26 (in fuse holder)
- T46b - 46-Pin Connector, black, CAN-Bus Disconnection plug, right

- (372) - Ground Connection 7 (in main wiring harness)
- (610) - Ground connection (radio) under center console, front
- (B163) - Plus connector -1- (15), in wiring harness interior
- (B272) - Plus Connection (30) (in main wiring harness)
- (B273) - Plus Connection (15) (in main wiring harness)
- (B279) - Plus Connection 3 (15a) (in main wiring harness)
- (B304) - Plus Connection 8 (30) (in main wiring harness)
- (B305) - Plus Connection 9 (30) (in main wiring harness)

- - CAN-Bus (Data-Bus)
- * - Front Control and Display Unit
- ** - through m.y. 2004
- *** - from m.y. 2005

ws = white
 sw = black
 ro = red
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 bl = blue
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 li = violet
 ge = yellow
 or = orange

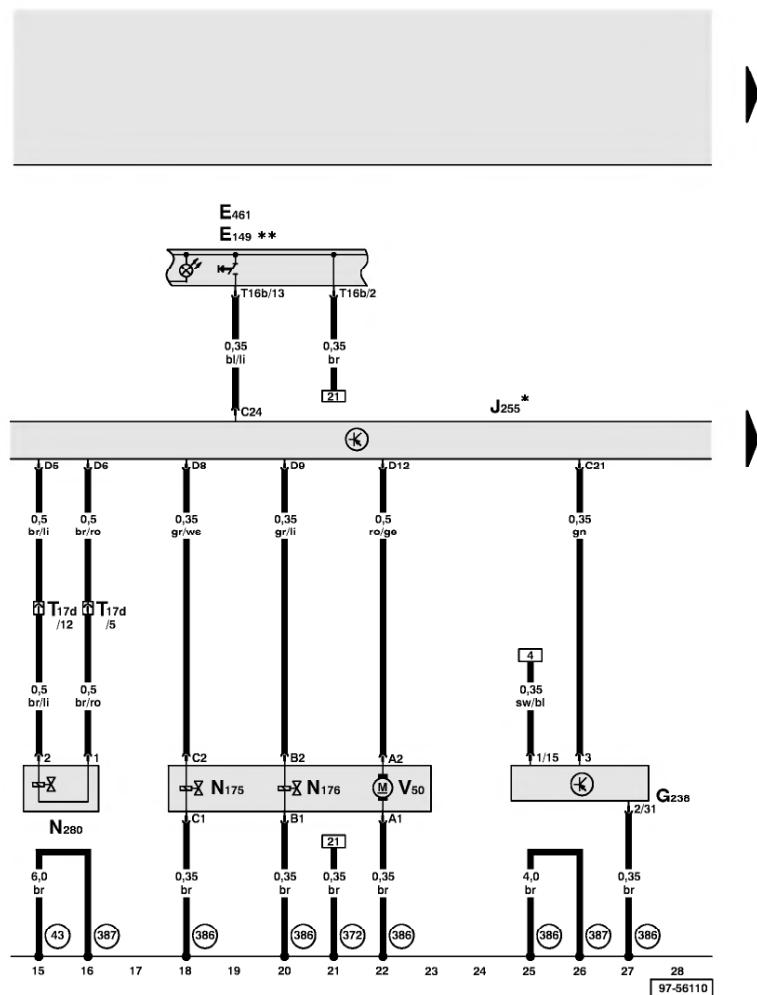
Climatronic Control Module, Coolant Pump, A/C Compressor Regulator Valve, Heat Regulating Valve, Sensor for Air Quality

- E149 - Rear Window Shade Switch
 E461 - Front/Center Console Control Head
 G238 - Sensor for air quality
 J255 - Climatronic Control Module
 N175 - Left Heat Regulating Valve
 N176 - Right Heat Regulating Valve
 N280 - A/C compressor regulator valve
 T16b - 16-Pin Connector, black, on Front/Center Console Control Head
 T17d - 17-Pin Connector, blue, in E-Box plenum chamber
 V50 - Coolant Pump

- (43) - Ground connection, on right A-pillar, lower part
 (372) - Ground Connection 7 (in main wiring harness)
 (386) - Ground Connection 21 (in main wiring harness)
 (387) - Ground Connection 22 (in main wiring harness)

- * - Front Control and Display Unit
 ** - Vehicles with Rear Window Shade

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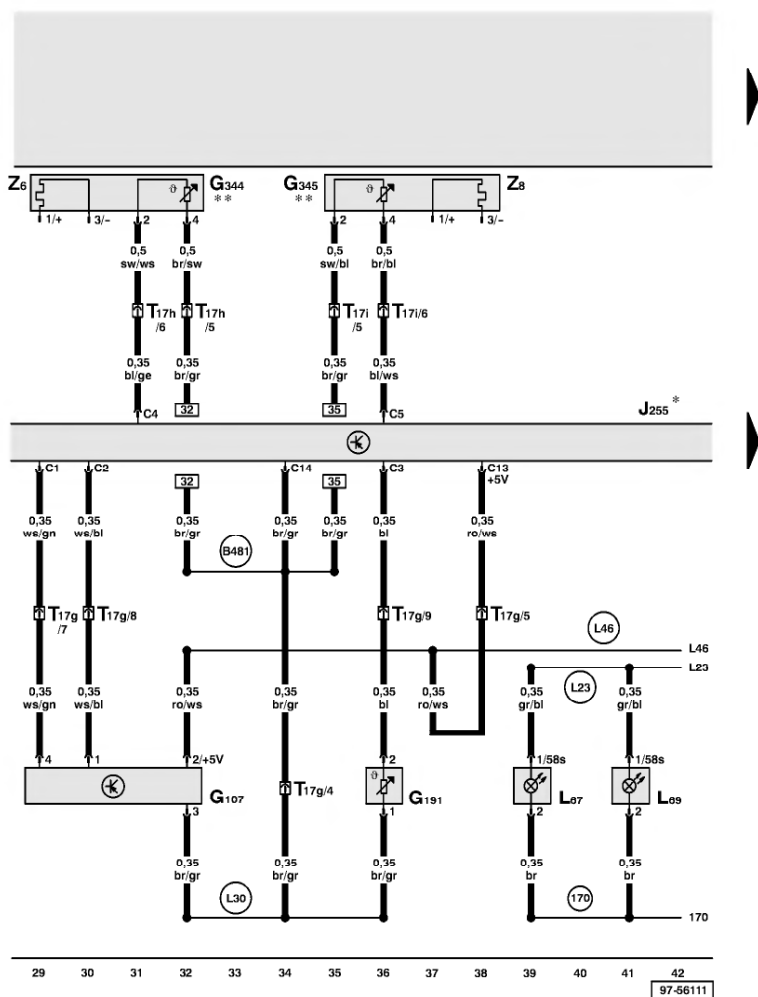
Climatronic Control Module, Sunlight Photo Sensor, Sensor for Outlet Temperature Floor Outlet, Left and Right Instrument Panel Vent Illumination, Front Seat Temperature Sensor

- G107 - Sunlight Photo Sensor
 G191 - Sensor for outlet temperature, floor outlet
 G344 - Left Front Seat Temperature Sensor
 G345 - Right Front Seat Temperature Sensor
 J255 - Climatronic Control Module
 L67 - Left Instrument Panel Vent Illumination
 L69 - Right Instrument Panel Vent Illumination
 T17g - 17 Pin Connector, gray, Relay Panel Front footwell left
 T17h - 17-Pin Connector, grey, below driver's seat
 T17i - 17-Pin Connector, grey, below passenger's seat
 Z6 - Driver's Seat Heating Element
 Z8 - Passenger's Seat Heating Element

- (170) - Ground connection -1-, in A/C-climatronic wiring harness
 (B481) - Connection 17 (in main wiring harness)
 (L23) - Wire connection (58 b), in A/C-climatronic wiring harness
 (L30) - Wire connection (sensor), in A/C-climatronic wiring harness
 (L46) - Wire connection (5 Volt), in Climatronic system wiring harness

- * - Front Control and Display Unit
 ** - Vehicles with Seat Heating, see Wiring Diagram Heated Seat

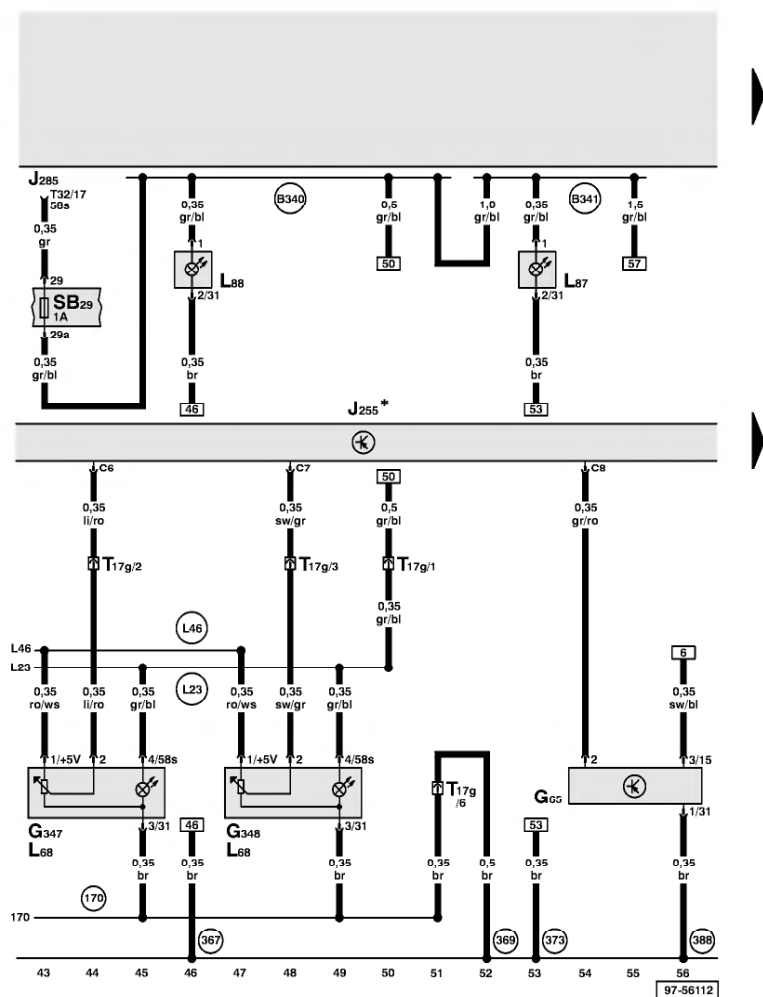
ws = white
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Climatronic Control Module, Left and Right Center Air Outlet Sensor, High Pressure Sensor, Lighting for Rearseat Outlet, Center Instrument Panel Vent Illumination

- G65 - High Pressure Sensor
- G347 - Left Center Air Outlet Sensor
- G348 - Right Center Air Outlet Sensor
- J255 - Climatronic Control Module
- J285 - Control Module with indicator unit in instrument panel insert
- L68 - Center Instrument Panel Vent Illumination
- L87 - Lighting for rearseat outlet center
- L88 - Lighting for rearseat outlet left
- SB 29 - Fuse 29 (in fuse holder)
- T17g - 17-Pin Connector, grey, Relay Panel Front footwell left
- T32 - 32-Pin Connector, blue, on instrument cluster
- (170) - Ground connection -1-, in A/C-climatronic wiring harness
- (367) - Ground Connection 2 (in main wiring harness)
- (369) - Ground Connection 4 (in main wiring harness)
- (373) - Ground Connection 8 (in main wiring harness)
- (388) - Ground Connection 23 (in main wiring harness)
- (B340) - Connection 1 (58s) (in main wiring harness)
- (B341) - Connection 2 (58s) (in main wiring harness)
- (L23) - Wire connection (58s), in A/C-climatronic wiring harness
- (L46) - Wire connection (5 Volt), in Climatronic system wiring harness
- * - Front Control and Display Unit

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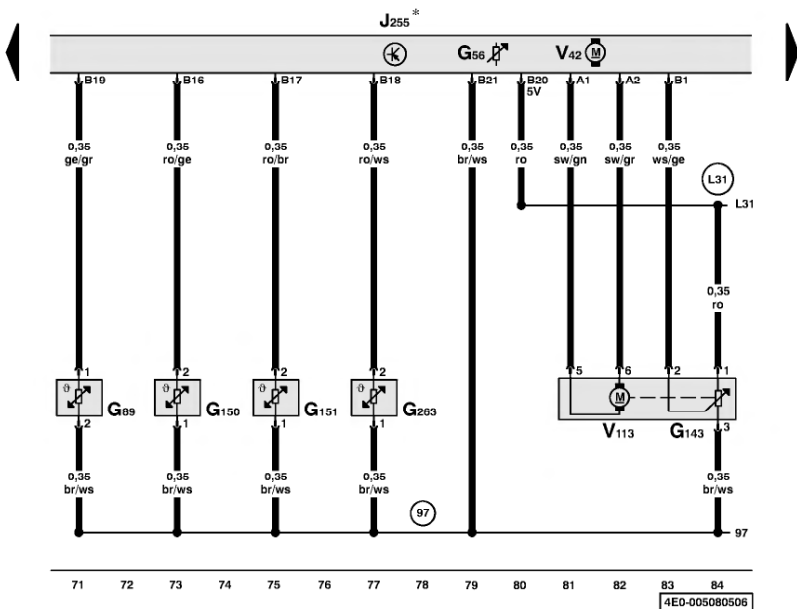
Climatronic Control Module, Fresh Air Intake Duct Temperature Sensor, Recirculation Flap Motor

- G56 - Instrument Panel Interior Temperature Sensor (006785-3211)
 G89 - Fresh Air Intake Duct Temperature Sensor
 G143 - Recirculation Flap Motor Position Sensor
 G150 - Left Vent Temperature Sensor
 G151 - Right Vent Temperature Sensor
 G263 - Evaporator vent temperature sensor
 J255 - Climatronic Control Module
 V42 - Interior Temperature Sensor Fan
 V113 - Recirculation Flap Motor

97 - Ground Connection 1 (in A/C wiring harness)

L31 - Connection (5 Volts) (in A/C wiring harness)

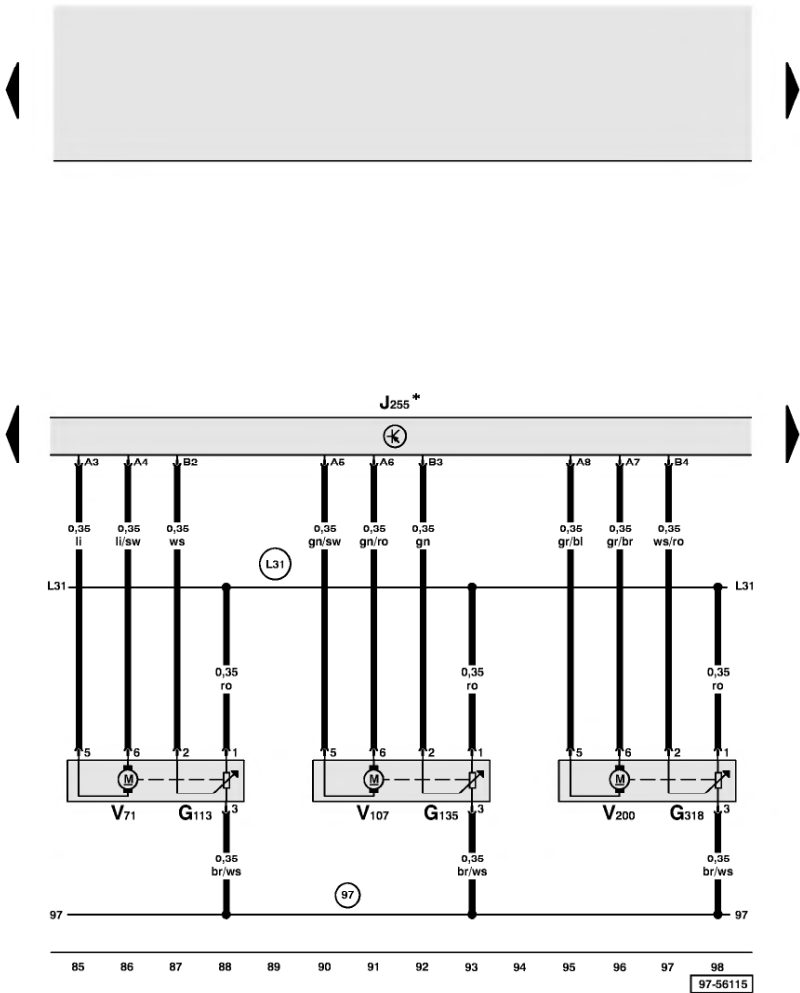
* - Front Control and Display Unit



Climatronic Control Module, Air Flow Flap Motor, Defroster Flap Motor, Left Front Defrost/Upper Body Shut-off Flap Motor Position Sensor

- G113 - Back Pressure Flap Motor Position Sensor
- G135 - Defroster Flap Motor Position Sensor
- G318 - Left Front Defrost/Upper Body Shut-off Flap Motor Position Sensor
- J255 - Climatronic Control Module
- V71 - Air Flow Flap Motor
- V107 - Defroster Flap Motor
- V200 - Left Front Defrost/Upper Body Shut-off Flap Motor

- 97 - Ground connection -1-, in A/C wiring harness
- L31 - Wire connection (5 Volts), in A/C wiring harness
- * - Front Control and Display Unit

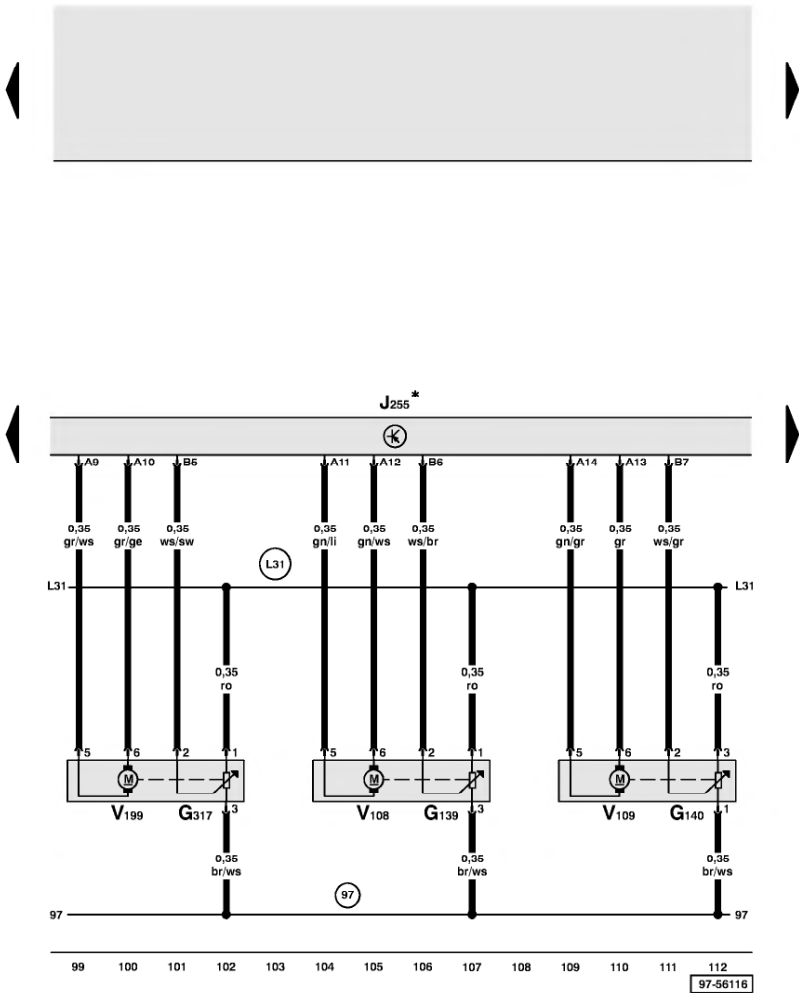


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Climatronic Control Module. Left and Right Footwell Flap Motor, Right Front Defrost/Upper Body Shut-off Flap Motor Position Sensor

- G139 - Left Footwell Flap Motor Position Sensor
- G140 - Right Footwell Flap Motor Position Sensor
- G317 - Right Front Defrost/Upper Body Shut-off Flap Motor Position Sensor
- J255 - Climatronic Control Module
- V108 - Left Footwell Flap Motor
- V109 - Right Footwell Flap Motor
- V199 - Right Front Defrost/Upper Body Shut-off Flap Motor

- 97 - Ground connection -1-, in A/C wiring harness
- L31 - Wire connection (5 Volts), in A/C wiring harness
- * - Front Control and Display Unit



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Climatronic Control Module, Temperature Regulator Flap Motor, Center Vent Adjusting Motor, Left Rear Warm/Cold Flap Air Outlet Motor

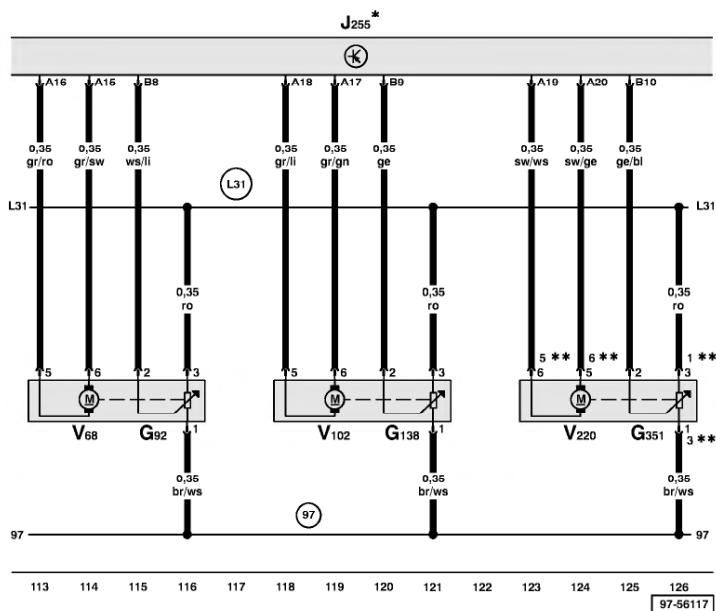
- G92 - Temperature Regulator Flap Motor Position Sensor
- G138 - Center Vent Motor Position Sensor
- G351 - Left Rear Cold/Warm Air Outlet Motor Position Sensor
- J255 - Climatronic Control Module
- V68 - Temperature Regulator Flap Motor
- V102 - Center Vent Adjusting Motor
- V220 - Left Rear Warm/Cold Flap Air Outlet Motor

(97) - Ground connection -1-, in A/C wiring harness

(L31) - Wire connection (5 Volts), in A/C wiring harness

* - Front Control and Display Unit

** - only with Rear A/C Control Head (Climatronic)



ws = white
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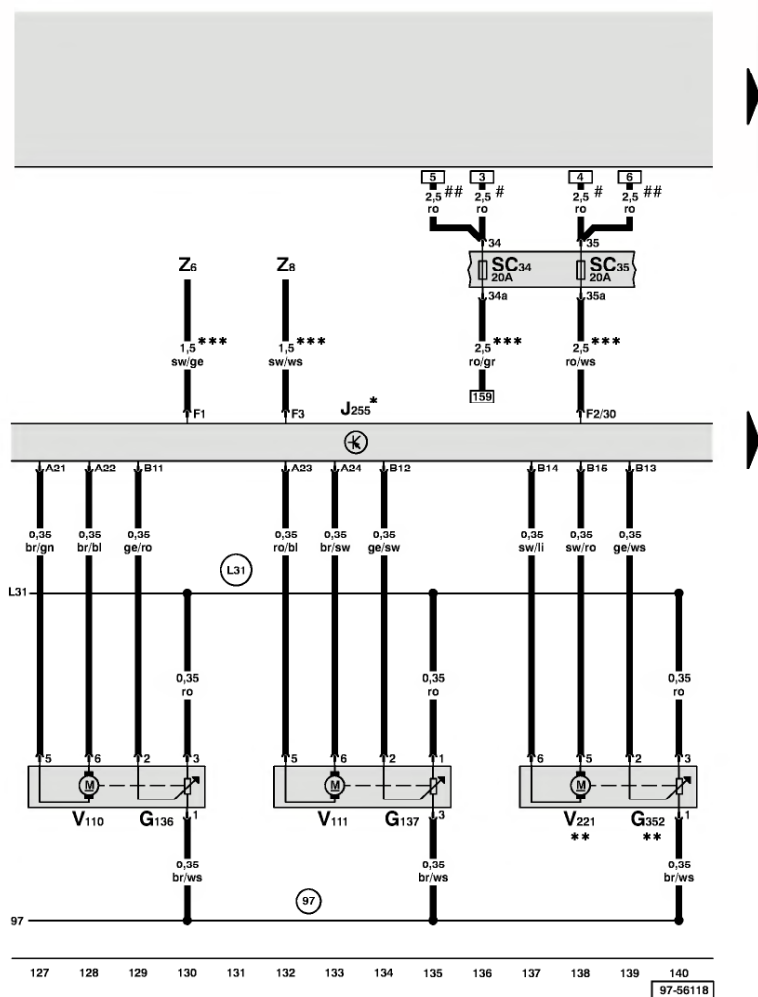
Climatronic Control Module, Left and Right Center Vent Motor, Right Rear Warm/Cold Flap Air Outlet Motor

- G136 - Left Center Vent Motor Position Sensor
- G137 - Right Center Vent Motor Position Sensor
- G352 - Right Rear Cold/Warm Air Outlet Motor Position Sensor
- J255 - Climatronic Control Module
- SC34 - Fuse 34 (in fuse holder)
- SC35 - Fuse 35 (in fuse holder)
- V110 - Left Center Vent Motor
- V111 - Right Center Vent Motor
- V221 - Right Rear Warm/Cold Flap Air Outlet Motor
- Z6 - Driver's Seat Heating Element
- Z8 - Passenger's Seat Heating Element

- (97) - Ground connection -1-, in A/C wiring harness
- (L31) - Wire connection (5 Volts), in A/C wiring harness

- * - Front Control and Display Unit
- ** - only with Rear A/C Control Head (Climatronic)
- *** - Vehicles with Seat Heater
- # - through m.y. 2004
- ## - from m.y. 2005

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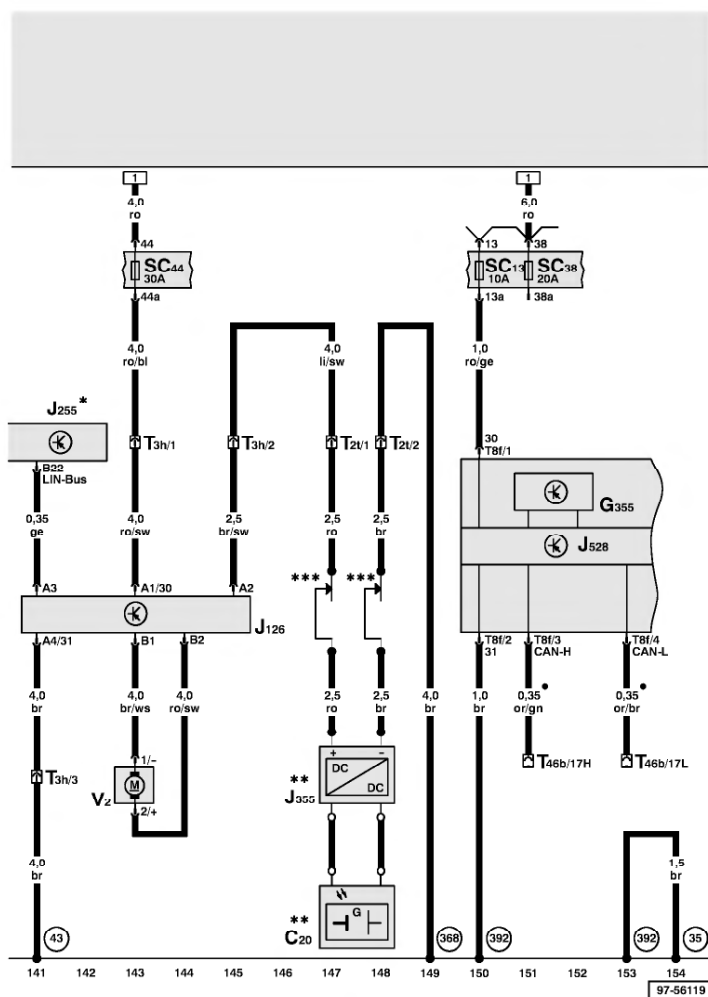
**Climatronic Control Module, Blower Fan Fuse,
Fresh Air Blower, Control Module for Fresh Air Blower,
Solar Cells, Humidity Sensor**

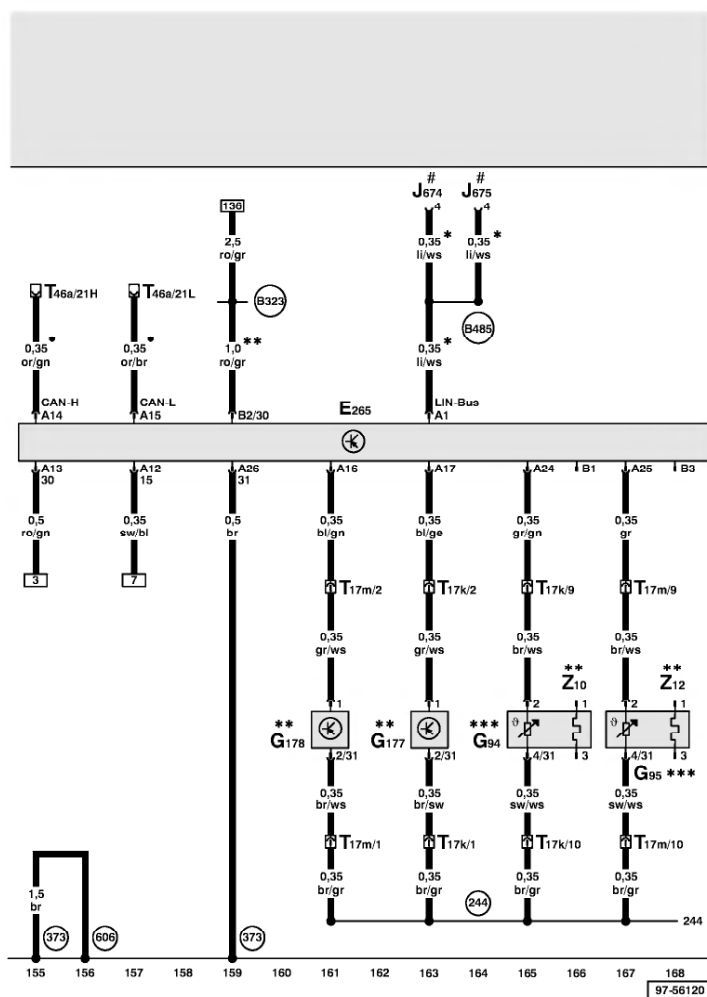
- C20 - Solar Cells
 G355 - Humidity Sensor
 J126 - Control module for fresh air blower
 J255 - Climatronic Control Module
 J355 - Control Module for solar operation
 J528 - Roof Electronics Control Module
 SC 13 - Fuse 13 (in fuse holder)
 SC 38 - Fuse 38 (in fuse holder)
 SC 44 - Fuse 44 (in fuse holder)
 T2t - Double Connector, on Solar Roof
 T3h - 3-Pin Connector, black, behind glove compartment
 T8f - 8-Pin Connector, black, near interior light
 T46b - 46-Pin Connector, black, CAN-Bus Disconnection plug, right
 V2 - Fresh Air Blower

- (35) - Ground connection, below passenger's seat
 (43) - Ground connection, on right A-pillar, lower part
 (368) - Ground Connection 3 (in main wiring harness)
 (392) - Ground Connection 27 (in main wiring harness)

- - CAN-Bus (Data-Bus)
 * - Front Control and Display Unit
 ** - Vehicles with sunroof with Solar Cells
 *** - Sliding contact on sunroof frame

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Rear A/C Control Head (Climatronic). Left and Right Rear Heated Seat Temperature Sensor, Sensor for Occupied Sensor Seat Rear

- E265 - Rear A/C control head (climatronic)
- G94 - Left Rear Heated Seat Temperature Sensor
- G95 - Right Rear Heated Seat Temperature Sensor
- G177 - Sensor for occupied sensor seat, rear, driver side
- G178 - Sensor for occupied sensor seat, rear, passenger side
- J674 - Left Rear Seat Ventilation Control Module
- J675 - Right Rear Seat Ventilation Control Module
- T17k - 17-Pin Connector, grey, below rear seat, left
- T17m - 17-Pin Connector, grey, below rear seat, right
- T46a - 46-Pin Connector, black, CAN-Bus Disconnection plug, left
- Z10 - Left Rear Seat Heating Element
- Z12 - Right Rear Seat Heating Element

- (244) - Ground connection (Sensor ground), in wiring harness Climatronic
- (373) - Ground Connection 8 (in main wiring harness)
- (606) - Ground Connection (under center console at shifter)
- (323) - Plus Connection 9 (30a) (in main wiring harness)
- (485) - Connection 21 (in main wiring harness)

- - CAN-Bus (Data-Bus)
- * - only with Rear A/C Control Head (Climatronic)
- ** - only with rear heated Seat, see Wiring Diagram Rear Heated Seat
- *** - Vehicles without seat ventilation
- # - Vehicles with seat ventilation

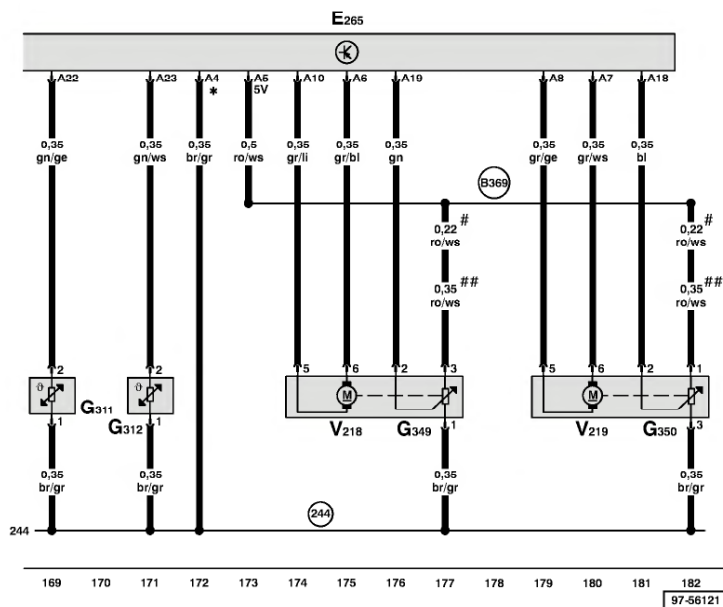
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Rear A/C Control Head (Climatronic), Left and Right Rear Center Console Temperature Sensor, Left and Right Rear Air Outlet Motor

- E265 - Rear A/C control head (climatronic)
 G311 - Left Rear Center Console Temperature Sensor
 G312 - Right Rear Center Console Temperature Sensor
 G349 - Left Rear Air Outlet Motor Position Sensor
 G350 - Right Rear Air Outlet Motor Position Sensor
 V218 - Left Rear Air Outlet Motor
 V219 - Right Rear Air Outlet Motor

- (244) - Ground connection (Sensor ground), in wiring harness Climatronic
 (B369) - 5V Connection 1 (in main wiring harness)

- * - Sensor ground output
 # - through m.y. 2004
 ## - from m.y. 2005



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