

# Polo

## Current Flow Diagram

**No. 66 / 1**

Edition 01.2008

### Convenience electronics with LIN bus

- Anti-theft alarm (ATA)
- Window regulator front and rear
- Central locking with remote control
- Electric sunroof

From November 2004

**Notes:**

For information concerning

- ♦ Relay and fuse assignment
- ♦ Multi-pin connectors
- ♦ Control units and relays
- ♦ Earth connections

→ List of Fitting Locations!

For information concerning

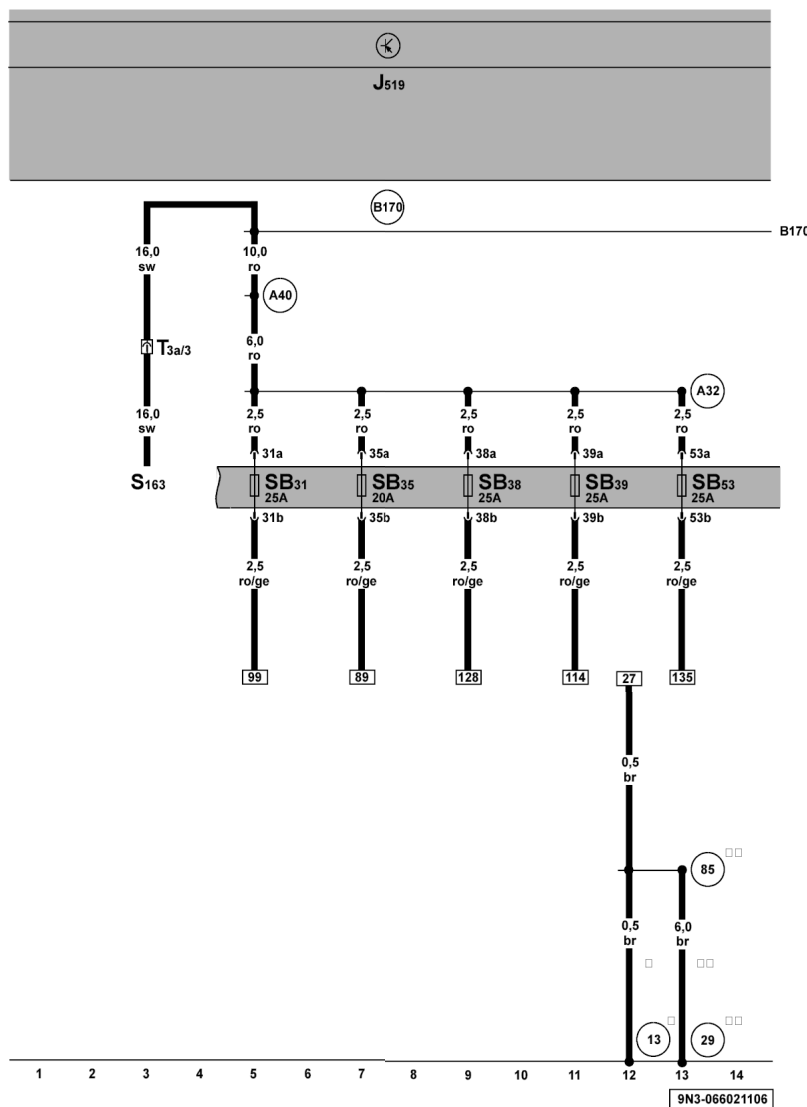
- ♦ Fault Finding Programs

→ Guided Fault Finding

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## Current Flow Diagram

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## Fuses

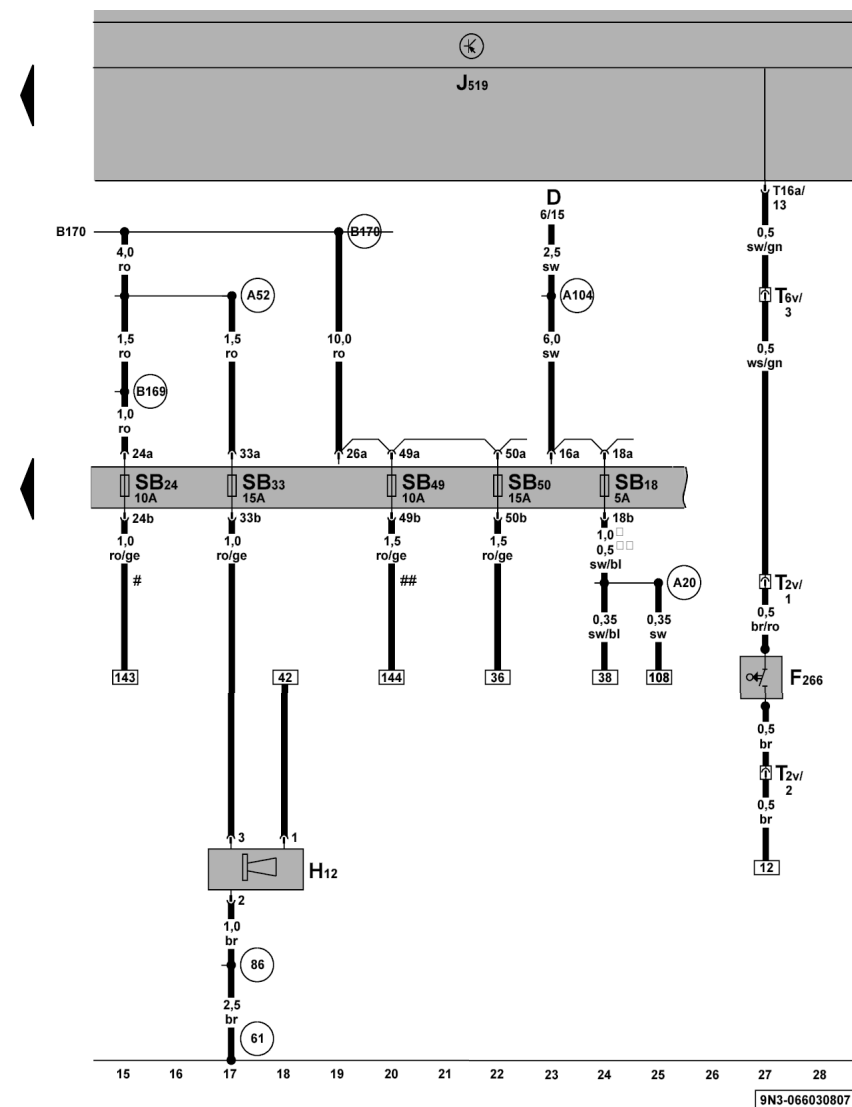
- J519 - Onboard supply control unit
- S163 - Fuse 2 (30), in battery fuse holder
- SB31 - Fuse 31 on fuse holder
- SB35 - Fuse 35 on fuse holder
- SB38 - Fuse 38 on fuse holder
- SB39 - Fuse 39 on fuse holder
- SB53 - Fuse 53 on fuse holder
- T3a - 3-pin connector, grey, on left of bulkhead
- 13 - Earth point, on right in engine compartment
- 29 - Earth point, on left in engine compartment, behind battery
- 85 - Earth connection 1, in engine compartment wiring harness
- A32 - Positive connection (30), in dash panel wiring harness
- A40 - Positive connection 1 (30), in dash panel wiring harness
- B170 - Positive connection 2 (30), interior wiring harness
- \* - To November 2006
- \*\* - From November 2006

ws = white  
 sw = black  
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## Current Flow Diagram

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## Fuses, alarm horn, bonnet contact switch



- D - Ignition/starter switch
- F266 - Bonnet contact switch
- H12 - Alarm horn
- J519 - Onboard supply control unit
- SB18 - Fuse 18 on fuse holder
- SB24 - Fuse 24 on fuse holder
- SB33 - Fuse 33 on fuse holder
- SB49 - Fuse 49 on fuse holder
- SB50 - Fuse 50 on fuse holder
- T2v - 2-pin connector, near bonnet contact switch
- T6v - Connector, on left of bulkhead, green
- T16a - 16-pin connector, black
- 61 - Earth point in left C-pillar
- 86 - Earth connection 1, in rear wiring harness
- A20 - Positive connection (15a), in dash panel wiring harness
- A52 - Positive connection 2 (30), in dash panel wiring harness
- A104 - Positive connection 2 (15), in dash panel wiring harness
- B169 - Positive connection 1 (30), interior wiring harness
- B170 - Positive connection 2 (30), interior wiring harness
- # - To May 2006
- ## - From May 2006
- \* - To November 2006
- \*\* - From November 2006

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### Current Flow Diagram

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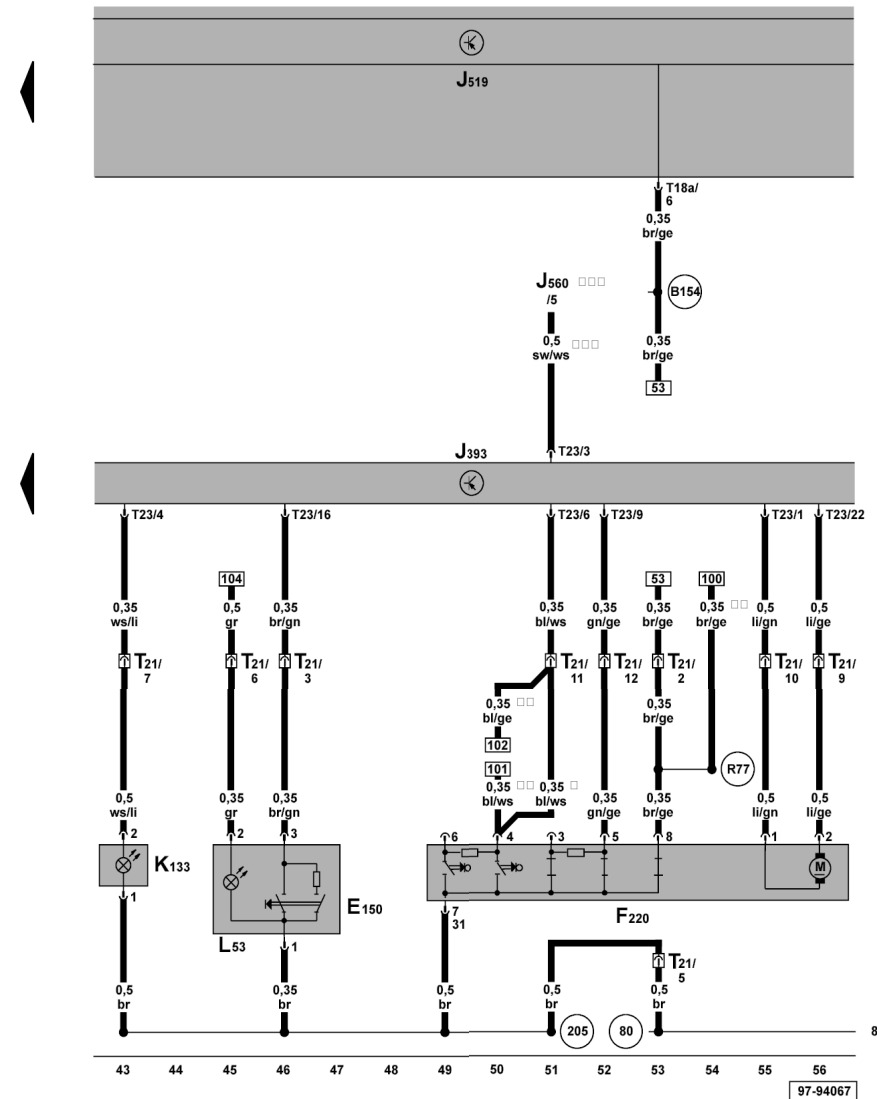


E267	- Interior monitoring deactivation switch
G209	- Ultrasonic sensor for anti-theft alarm
J393	- Convenience system central control unit 
J519	- Onboard supply control unit 
K162	- Warning lamp for interior monitoring deactivation
L118	- Bulb for illumination of switch for interior monitoring deactivation
T5a	- 5-pin connector, black
T6j	- 6-pin connector, brown
T12i	- 12-pin connector
T16b	- 16-pin connector, diagnosis connector
T18a	- 18-pin connector, brown
T23	- 23-pin connector
110	- Earth connection 2, in dash panel wiring harness
238	- Earth connection 1, in interior wiring harness
439	- Earth connection 3, in dash panel wiring harness
606	- Earth point, under centre console near gear stick
A23	- Connection (30al), in dash panel wiring harness
A29	- Connection (interior light), in dash panel wiring harness
A66	- Connection (30a, CL/ATA/IR), in dash panel wiring harness
A76	- Connection (K-diagnosis wire), in dash panel wiring harness

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## Current Flow Diagram

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**Driver side interior locking switch for central locking system, driver side central locking lock unit, central locking deadlock function warning lamp -SAFE-**

- E150 - Driver side interior locking switch
- F220 - Driver side central locking lock unit
- J393 - Convenience system central control unit
- J519 - Onboard supply control unit
- J560 - Door warning lamp relay
- K133 - Central locking deadlock function warning lamp -SAFE-
- L53 - Window regulator switch illumination bulb
- T18a - 18-pin connector, brown
- T21 - 21-pin connector, brown, on left A-pillar
- T23 - 23-pin connector
- 80 - Earth connection 1, in dash panel wiring harness
- 205 - Earth connection, in driver door wiring harness
- B154 - Connection 1 (DCt), in interior wiring harness
- R77 - Connection 1 (DCt), in driver door wiring harness

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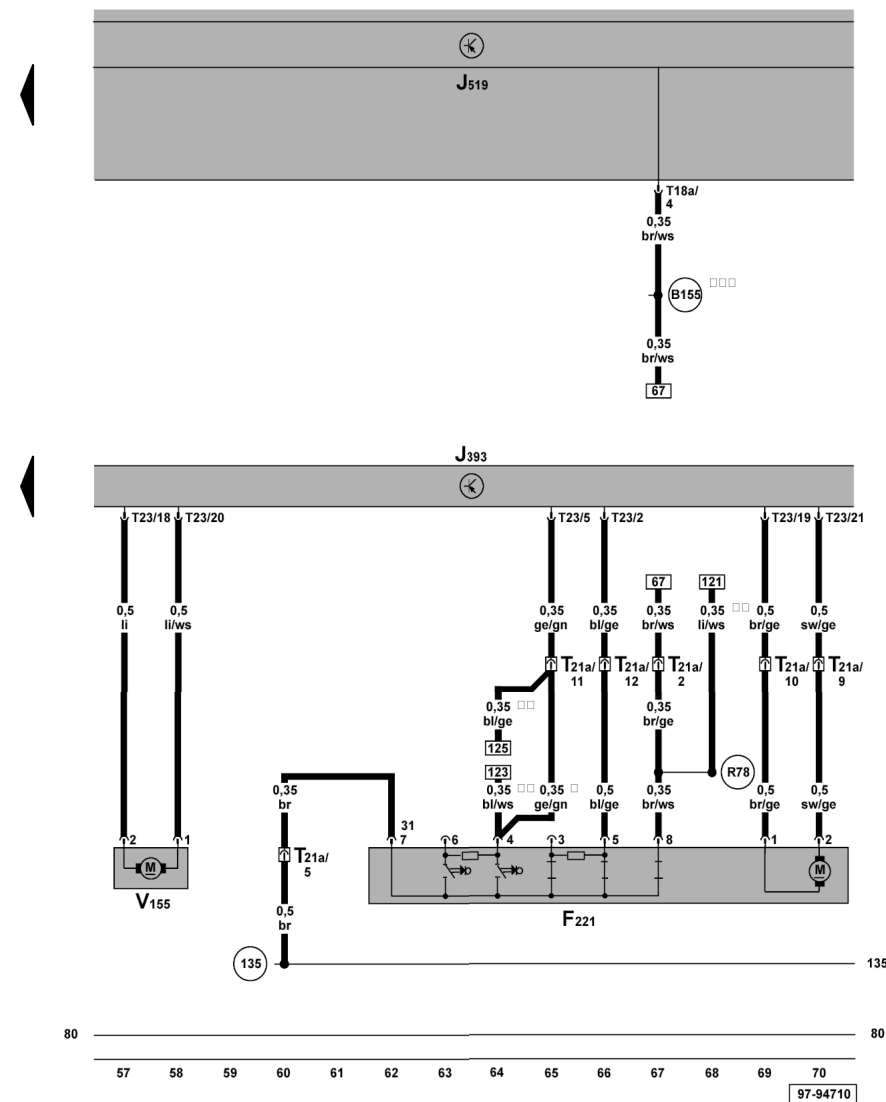
- \* - Only vehicles without electric window regulators
- \*\* - Only vehicles with electric window regulators
- \*\*\* - Only vehicles with door warning lamps

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## Current Flow Diagram

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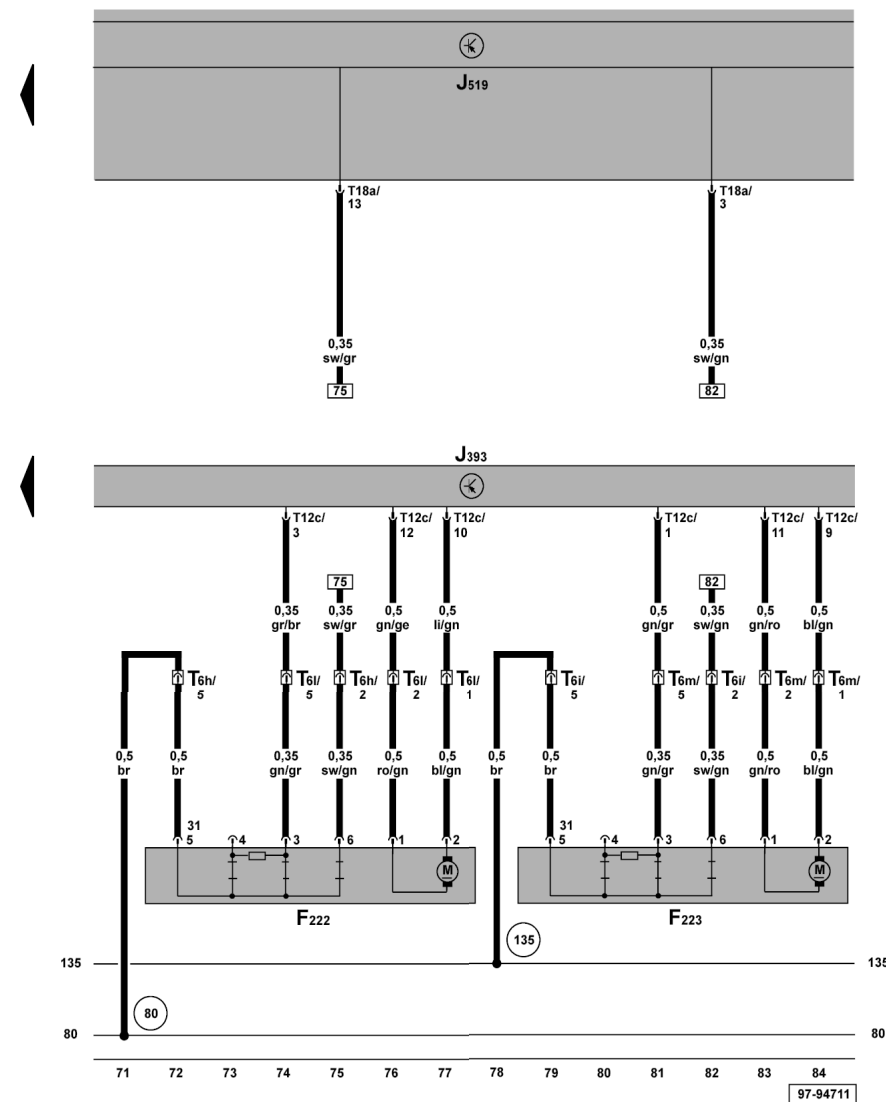
### Front passenger side central locking lock unit, tank filler flap locking motor, convenience system central control unit

- F221 - Front passenger side central locking lock unit
- J393 - Convenience system central control unit
- J519 - Onboard supply control unit
- T18a - 18-pin connector, brown
- T21a - 21-pin connector, brown, on right A-pillar
- T23 - 23-pin connector
- V155 - Tank filler flap locking motor
- 135 - Earth connection 2, in dash panel wiring harness
- B155 - Connection 2 (DCt), in interior wiring harness
- R78 - Connection 1 (DCt), in front passenger door wiring harness
- \* - Only vehicles without electric window regulators
- \*\* - Only vehicles with electric window regulators
- \*\*\* - Discontinued from May 2005

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## Current Flow Diagram

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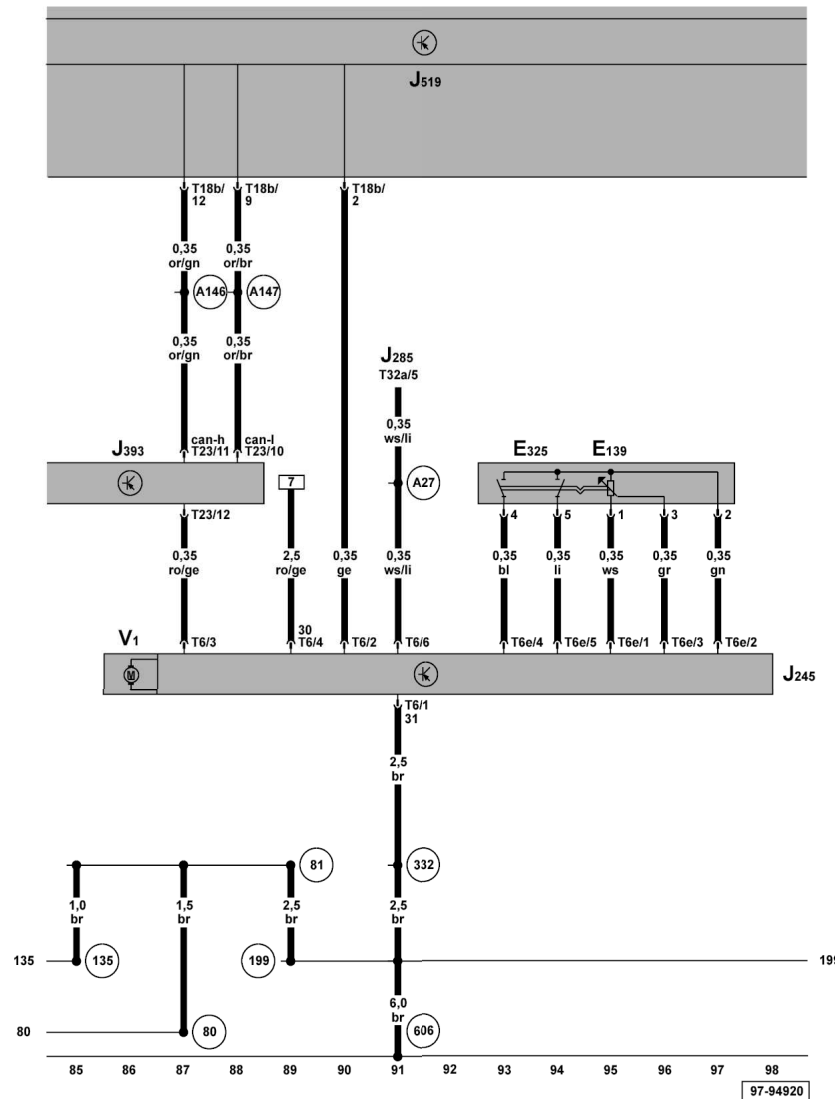
## Rear left central locking lock unit, rear right central locking lock unit

- F222 - Rear left central locking lock unit
- F223 - Rear right central locking lock unit
- J393 - Convenience system central control unit
- J519 - Onboard supply control unit
- T6h - 6-pin connector, brown, on left B-pillar
- T6i - 6-pin connector, brown, on right B-pillar
- T6l - 6-pin connector, black, on left B-pillar
- T6m - 6-pin connector, black, on right B-pillar
- T12c - 12-pin connector
- T18a - 18-pin connector, brown
- 80 - Earth connection 1, in dash panel wiring harness
- 135 - Earth connection 2, in dash panel wiring harness

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## Current Flow Diagram

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**Sliding sunroof adjustment regulator, sliding sunroof button, sliding sunroof adjustment control unit, convenience system central control unit**

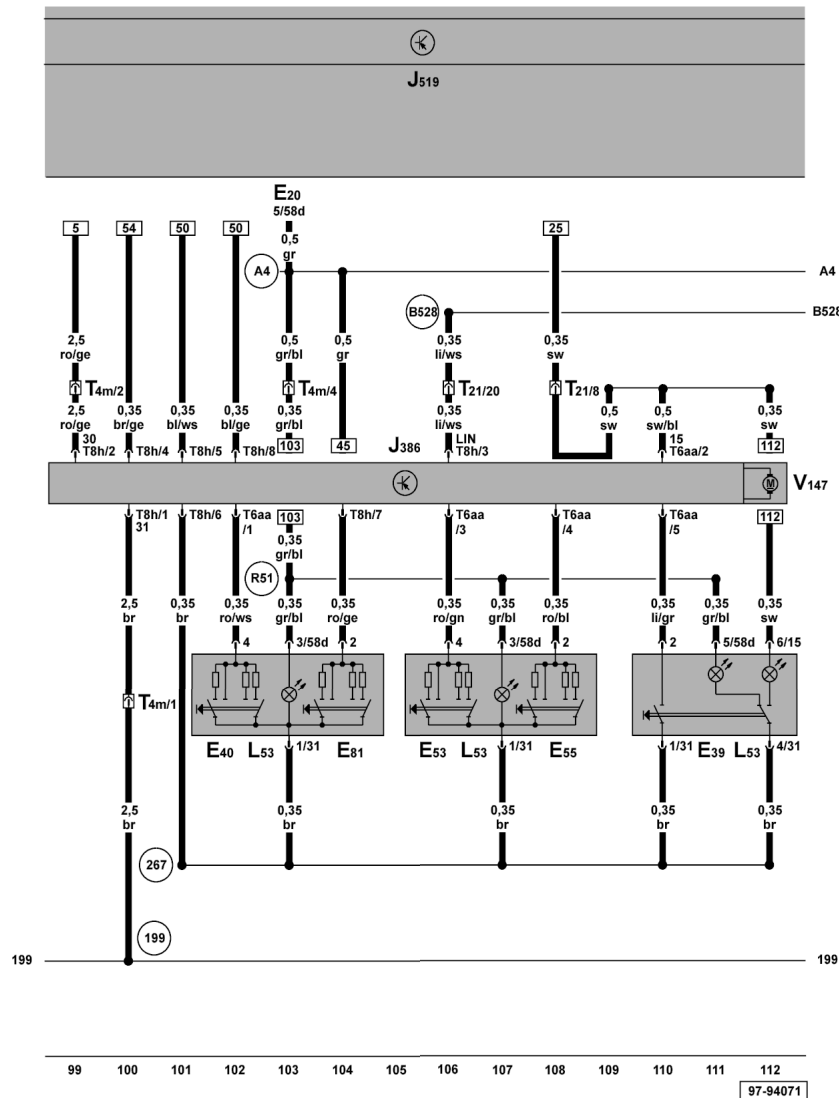
- E139 - Sliding sunroof adjustment regulator
- E325 - Sunroof button
- J245 - Sliding sunroof adjustment control unit
- J285 - Control unit in dash panel insert
- J393 - Convenience system central control unit
- J519 - Onboard supply control unit
- T6 - 6-pin connector
- T6e - 6-pin connector
- T18b - 18-pin connector, black
- T23 - 23-pin connector
- T32a - 32-pin connector
- V1 - Sliding sunroof motor
- 80 - Earth connection 1, in dash panel wiring harness
- 81 - Earth connection 1, in dash panel wiring harness
- 135 - Earth connection 2, in dash panel wiring harness
- 199 - Earth connection 3, in dash panel wiring harness
- 332 - Earth connection 4, in dash panel wiring harness
- 606 - Earth point, under centre console near gear stick
- A27 - Connection (speed signal), in dash panel wiring harness
- A146 - Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 - Connection (convenience CAN bus, low), in dash panel wiring harness



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## Current Flow Diagram

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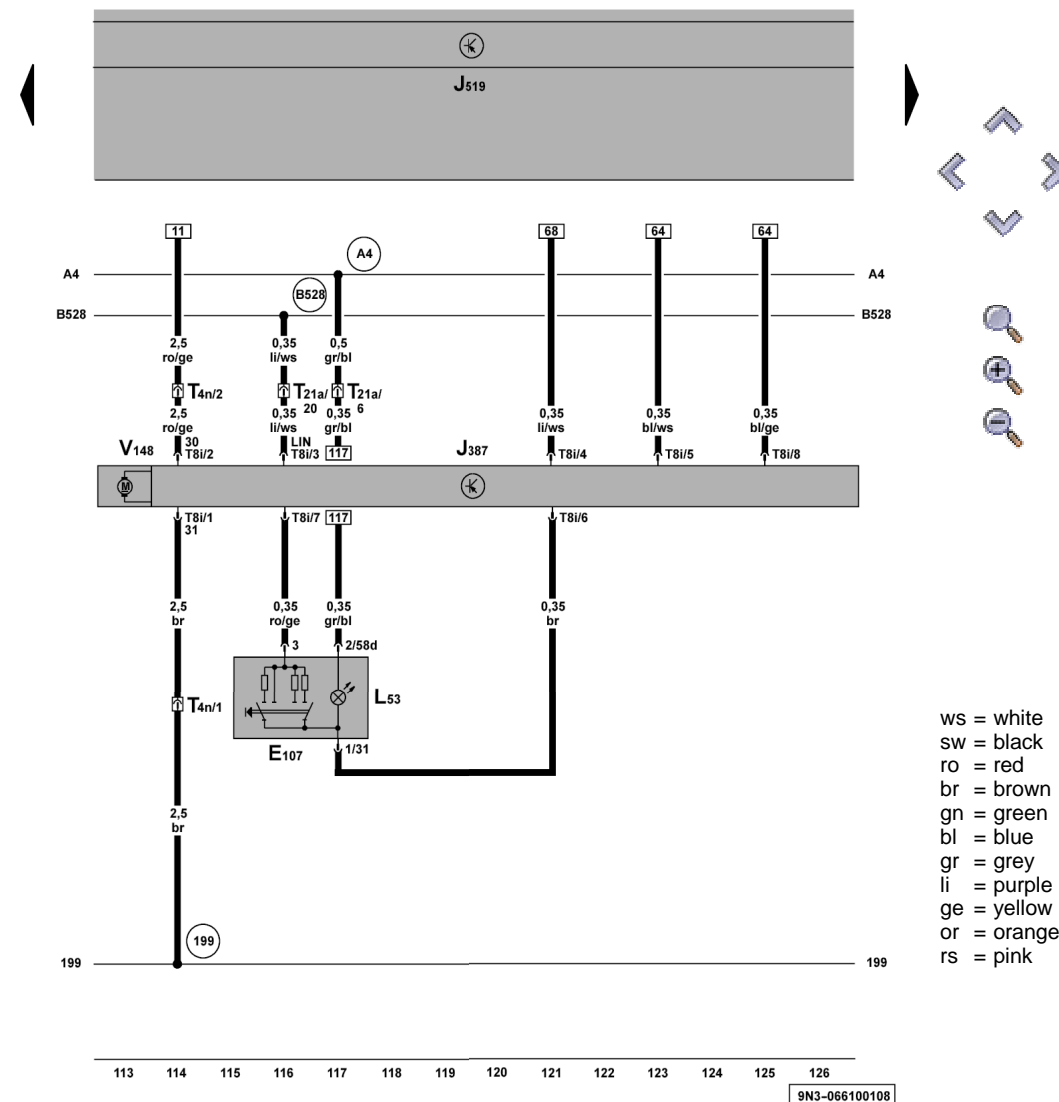
### Rear window regulator isolator switch, window regulator switch, driver door control unit, driver side window regulator motor

- E20 - Switch and instrument illumination regulator
- E39 - Rear window regulator isolator switch
- E40 - Front left window regulator switch
- E53 - Rear left window regulator switch, in driver door
- E55 - Rear right window regulator switch, in driver door
- E81 - Front right window regulator switch in driver door
- J386 - Driver door control unit
- J519 - Onboard supply control unit
- L53 - Window regulator switch illumination bulb
- T4m - 4-pin connector, black, on left A-pillar
- T6aa - 6-pin connector
- T8h - 8-pin connector
- T21 - 21-pin connector, brown, on left A-pillar
- V147 - Driver side window regulator motor
- 199 - Earth connection 3, in dash panel wiring harness
- 267 - Earth connection 2, in door wiring harness
- A4 - Positive connection (58b), in dash panel wiring harness
- B528 - Connection 1 (LIN bus), in main wiring harness
- R51 - Connection (58b), in driver side door wiring harness

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### Window regulator switch in front passenger door, front passenger door control unit, driver side window regulator motor

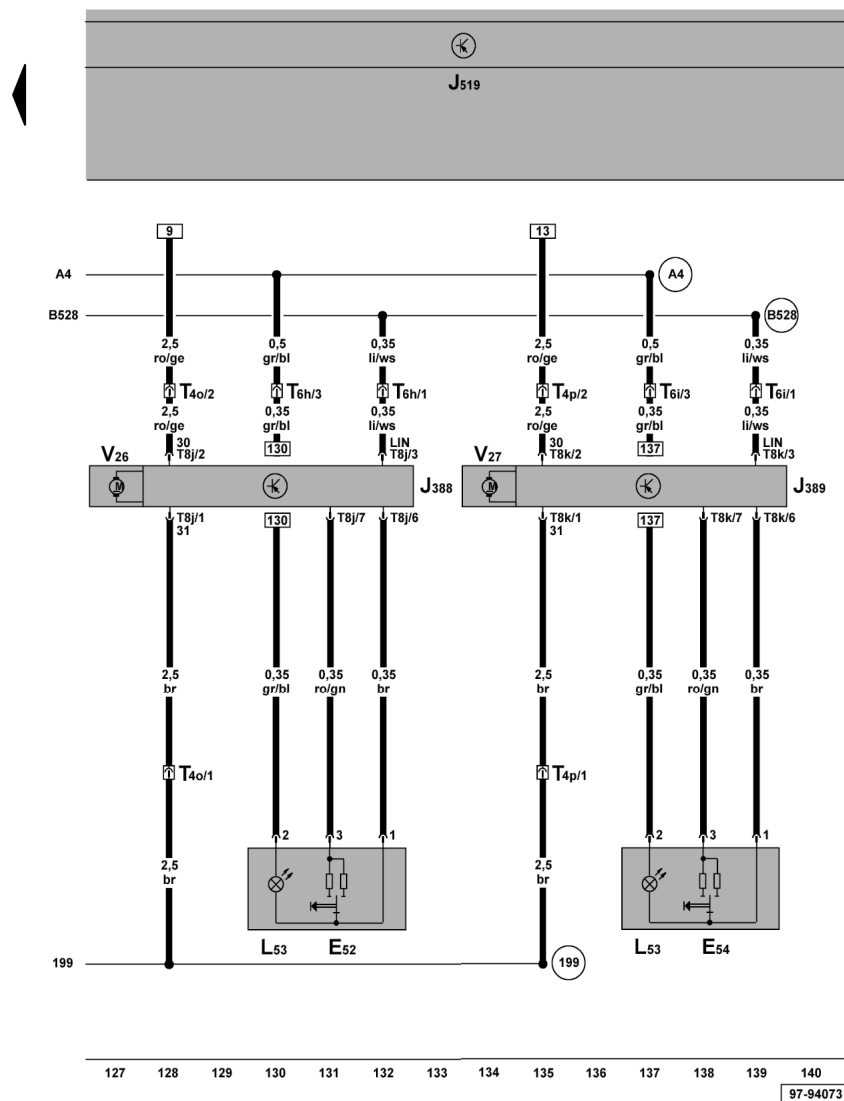
- E107 - Window regulator switch in front passenger door
- J387 - Front passenger side door control unit
- J519 - Onboard supply control unit
- L53 - Window regulator switch illumination bulb
- T4n - 4-pin connector, black, on right A-pillar
- T8i - 8-pin connector
- T21a - 21-pin connector, brown, on right A-pillar
- V148 - Front passenger side window regulator motor
- 199 - Earth connection 3, in dash panel wiring harness
- A4 - Positive connection (58b), in dash panel wiring harness
- B528 - Connection 1 (LIN bus), in main wiring harness

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## Current Flow Diagram

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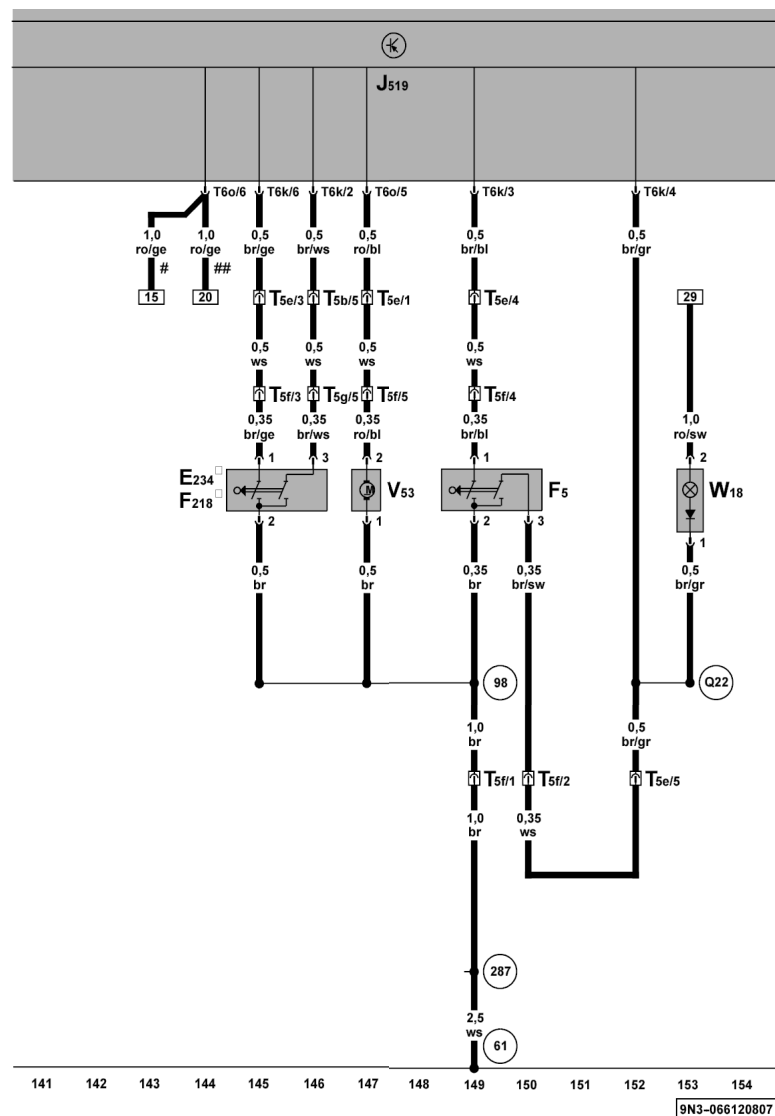
### Rear window regulator switch, in door, rear door control unit, rear window regulator motor

- E52 - Rear left window regulator switch, in door
- E54 - Rear right window regulator switch, in door
- J388 - Rear left door control unit
- J389 - Rear right door control unit
- J519 - Onboard supply control unit
- L53 - Window regulator switch illumination bulb
- T4o - 4-pin connector, black, on left B-pillar
- T4p - 4-pin connector, black, on right B-pillar
- T6h - 6-pin connector, brown, on left B-pillar
- T6i - 6-pin connector
- T8j - 8-pin connector
- T8k - 8-pin connector
- V26 - Rear left window regulator motor
- V27 - Rear right window regulator motor
- 199 - Earth connection 3, in dash panel wiring harness
- A4 - Positive connection (58b), in dash panel wiring harness
- B528 - Connection 1 (LIN bus), in main wiring harness

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## Current Flow Diagram

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### Luggage compartment light switch, luggage compartment light

E234 - Rear lid handle release button

F5 - Luggage compartment light switch

F218 - Rear lid central locking switch

J519 - Onboard supply control unit

T5b - 5-pin connector, brown, on left C-pillar

T5e - 5-pin connector, black, on left C-pillar

T5f - 5-pin connector, black, in rear lid

T5g - 5-pin connector, brown, in rear lid

T6k - 6-pin connector, red

T6o - 6-pin connector, black

V53 - Rear lid central locking motor

W18 - Luggage compartment light on left

61 - Earth point in left C-pillar

98 - Earth connection, in rear lid wiring harness

287 - Earth connection, in rear lid feeder wiring harness

Q22 - Connection 1, in rear lid wiring harness

\* - Depends on equipment

# - To May 2006

## - From May 2006