

# Golf/Vento

## Current Flow Diagram

**No. 1 / 1****Edition 08.2006**

### Golf/Vento - Basic equipment

from August 1995

#### Notes:

For information concerning

- ◆ Position of relays and fuses
- ◆ Multi-pin connections
- ◆ Control units and relays
- ◆ Earth connections

→ [List of Fitting Locations!](#)

For information concerning

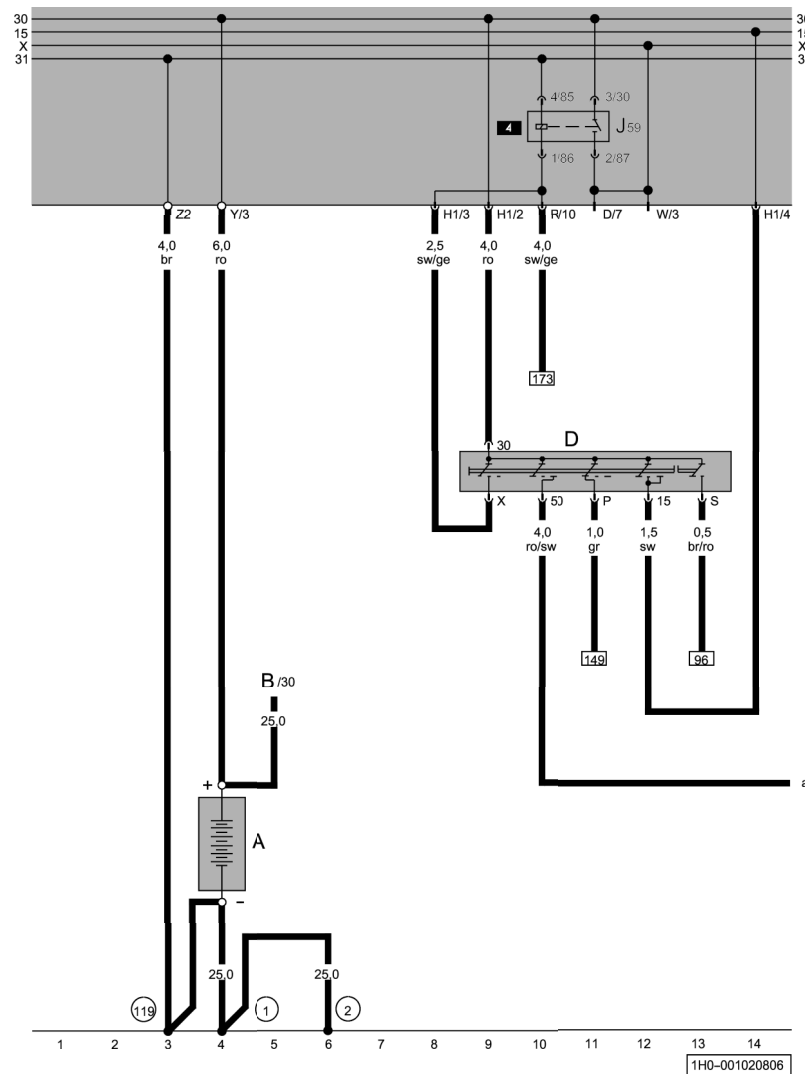
- ◆ Fault Finding Programs

→ [guided fault finding](#)

## Golf/Vento

## Current Flow Diagram

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## Battery, ignition/starter switch

- A - Battery
- B - Starter
- D - Ignition/starter switch
- J59 - X-contact relief relay
- 1 - Earth strap, battery - body
- 2 - Earth strap, gearbox - body
- 119 - Earth connection 1, in headlight wiring harness

## Golf/Vento

## Current Flow Diagram

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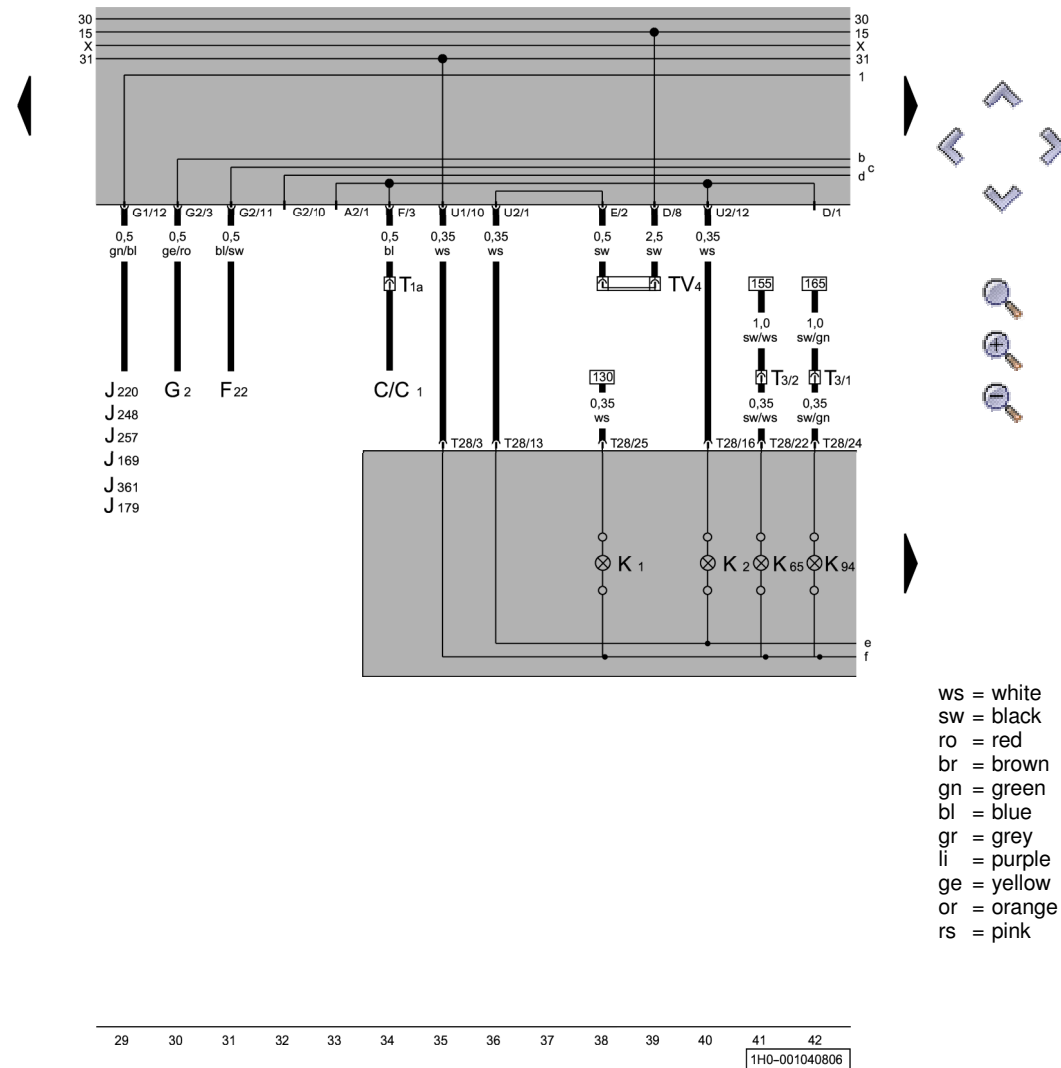
- E9 - Fresh air blower switch
- L16 - Fresh air regulator illumination bulb
- N24 - Fresh air blower series resistor with overheating fuse
- S24 - Overheating fuse in heating system (8A)
- T1 - Single connector, on fresh air blower series resistor
- T4 - 4-pin connector, on fresh air blower series resistor
- T8c - 8-pin connector, behind the dash panel
- V2 - Fresh air blower
- 43 - Earth point, lower part of right A-pillar
- 80 - Earth connection 1, in dash panel wiring harness

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

## Golf/Vento

## Current Flow Diagram

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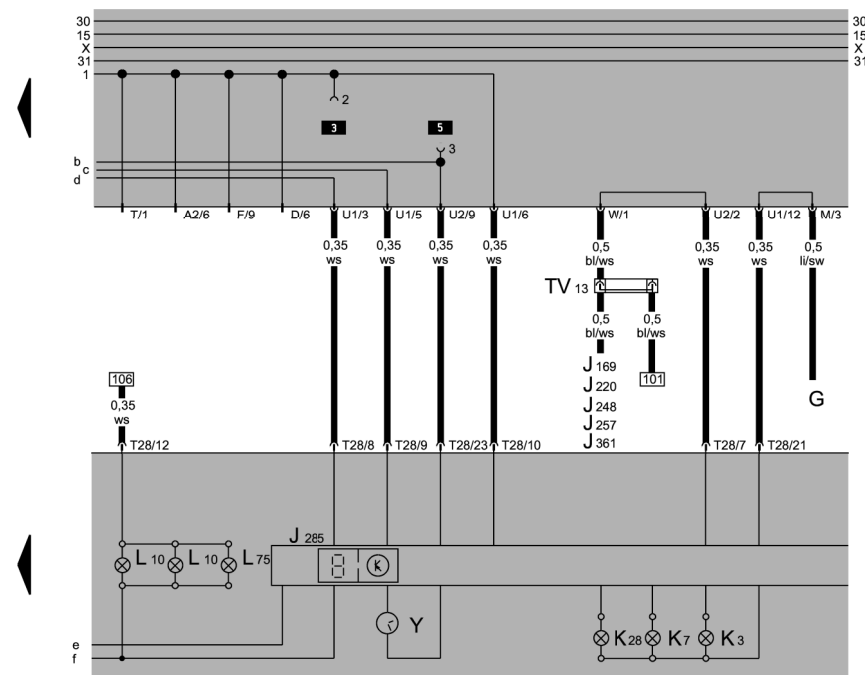
## Dash panel insert, warning lamps

- C - Alternator
- C1 - Voltage regulator
- F22 - Oil pressure switch (0.3 bar)
- G2 - Coolant temperature sender
- J169 - Digifant control unit, on right in plenum chamber
- J179 - Automatic glow period control unit, on right in plenum chamber
- J220 - Motronic control unit, on right in plenum chamber
- J248 - Diesel direct injection system control unit, on right in plenum chamber
- J257 - Mono-Motronic control unit, on right in plenum chamber
- J361 - Simos control unit, on right in plenum chamber
- K1 - Main beam warning lamp
- K2 - Alternator warning lamp
- K65 - Left turn signal warning lamp
- K94 - Right turn signal warning lamp
- T1 - 1-pin connector, near starter
- T3 - 3-pin connector, behind the relay plate
- T28 - 28-pin connector, on dash panel insert
- TV4 - Terminal 15 wiring junction, on left mounting support

## Golf/Vento

## Current Flow Diagram

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### Dash panel insert, digital clock, warning lamps, fuel gauge sender

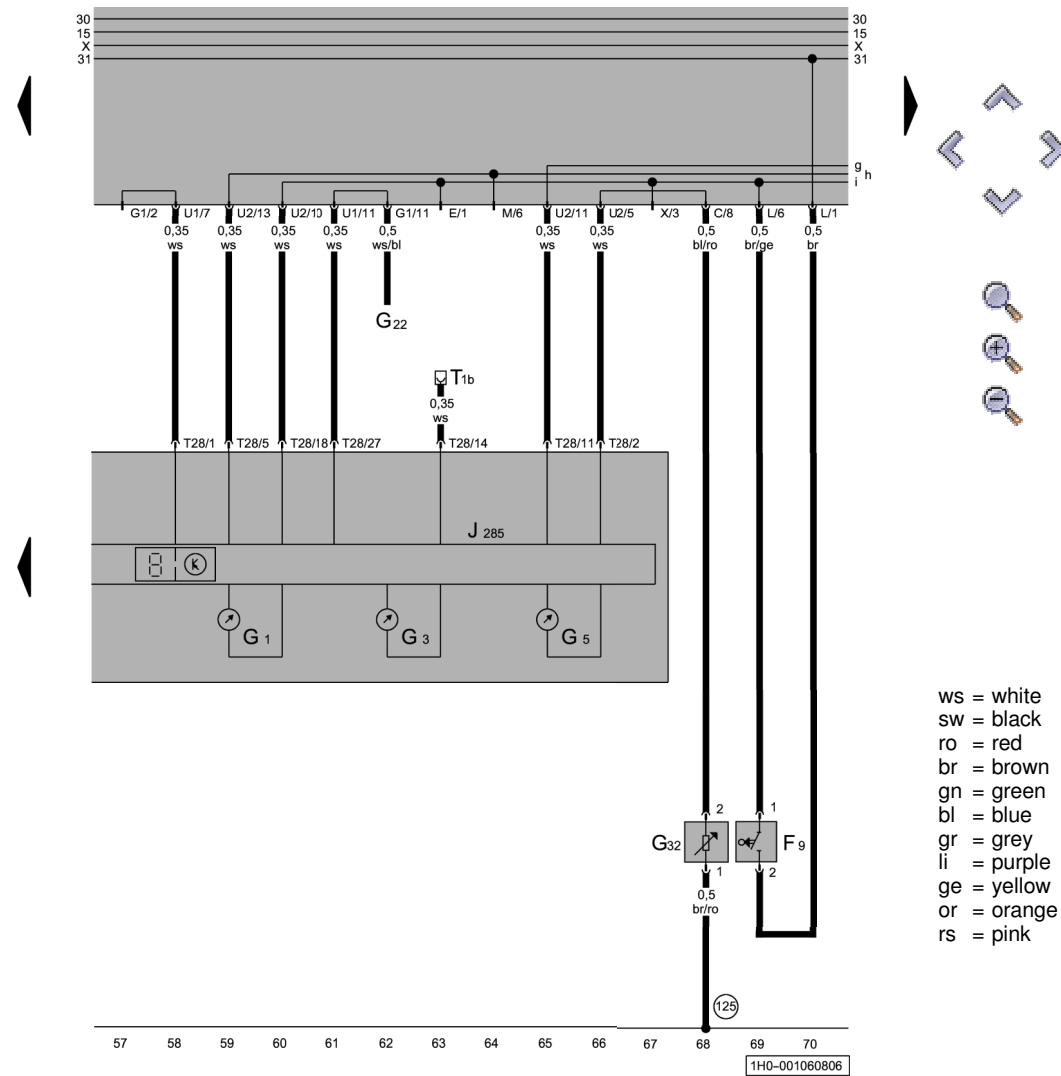
- G - Fuel gauge sender
- J169 - Digifant control unit, on right in plenum chamber
- J220 - Motronic control unit, on right in plenum chamber
- J248 - Diesel direct injection system control unit, on right in plenum chamber
- J257 - Mono-Motronic control unit, on right in plenum chamber
- J285 - Control unit with display in dash panel insert
- J361 - Simos control unit, on right in plenum chamber
- K3 - Oil pressure warning lamp
- K7 - Dual circuit brake/handbrake warning lamp
- K28 - Coolant temperature warning lamp (too cold)
- L10 - Dash panel insert illumination bulb
- L75 - Digital display illumination bulb
- T28 - 28-pin connector, on dash panel insert
- TV13 - Speed signal wiring junction, on left mounting support
- Y - Analogue clock

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

## Golf/Vento

## Current Flow Diagram

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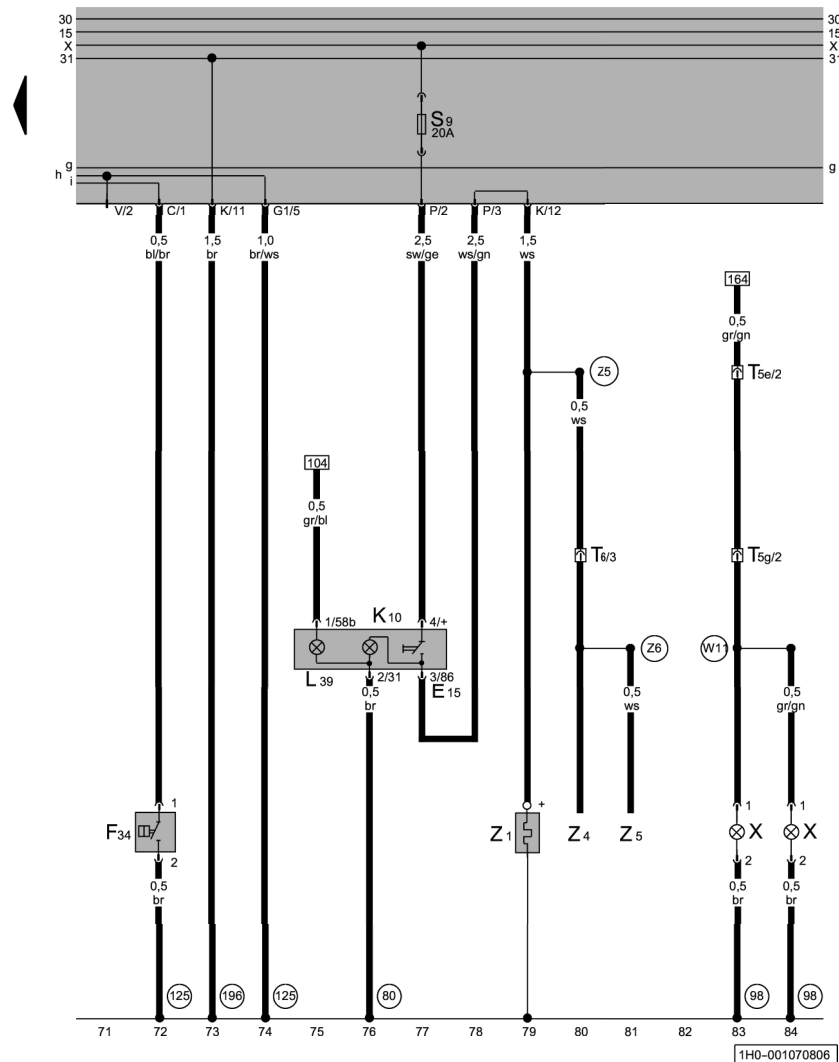
### Dash panel insert, fuel gauge, coolant temperature gauge, rev. counter

- F9 - Handbrake warning switch
- G1 - Fuel gauge
- G3 - Coolant temperature gauge
- G5 - Rev. counter
- G22 - Speedometer sender (Hall sender, on gearbox)
- G32 - Coolant shortage indicator sender
- J285 - Control unit with display in dash panel insert
- T1 - Single connector, behind the relay plate
- T28 - 28-pin connector, on dash panel insert
- 125 - Earth connection 3, in headlight wiring harness

## Golf/Vento

## Current Flow Diagram

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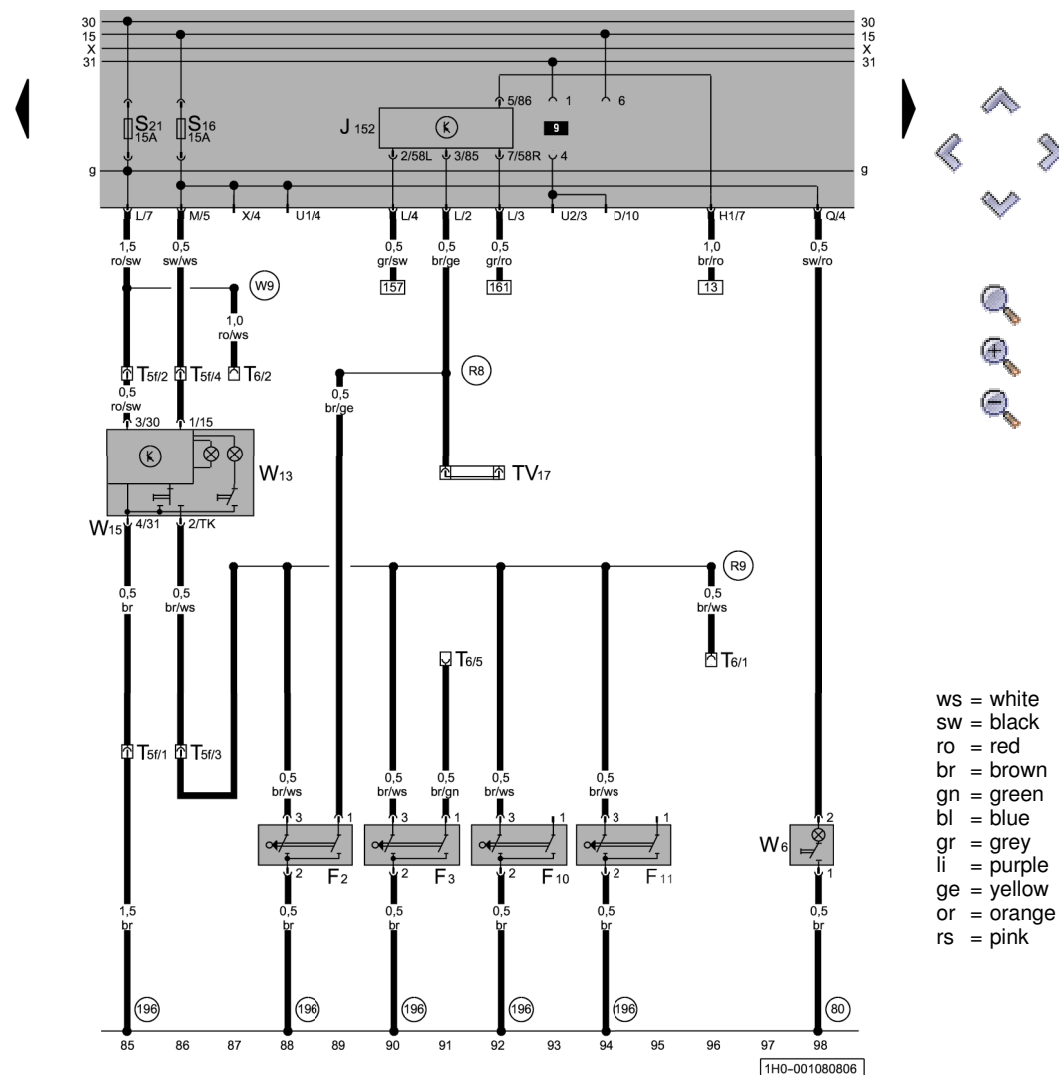
### Heated rear window, heated exterior mirror, number plate lights

- E15 - Heated rear window switch
- F34 - Brake fluid level warning contact
- K10 - Heated rear window warning lamp
- L39 - Heated rear window switch illumination bulb
- T5e - 5-pin connector, on rear cross-panel
- T5g - 5-pin connector, in rear lid
- T6 - 6-pin connector
- X - Number plate light
- Z1 - Heated rear window
- Z4 - Heated exterior mirror on driver side
- Z5 - Front passenger side heated exterior mirror
- 80 - Earth connection 1, in dash panel wiring harness
- 98 - Earth connection, in rear lid wiring harness
- 125 - Earth connection 3, in headlight wiring harness
- 196 - Earth connection 3, in rear wiring harness
- W11 - Positive connection (58), in rear lid wiring harness
- Z5 - Connection, in window heating wiring harness
- Z6 - Positive connection (x), in window heating wiring harness

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## Current Flow Diagram

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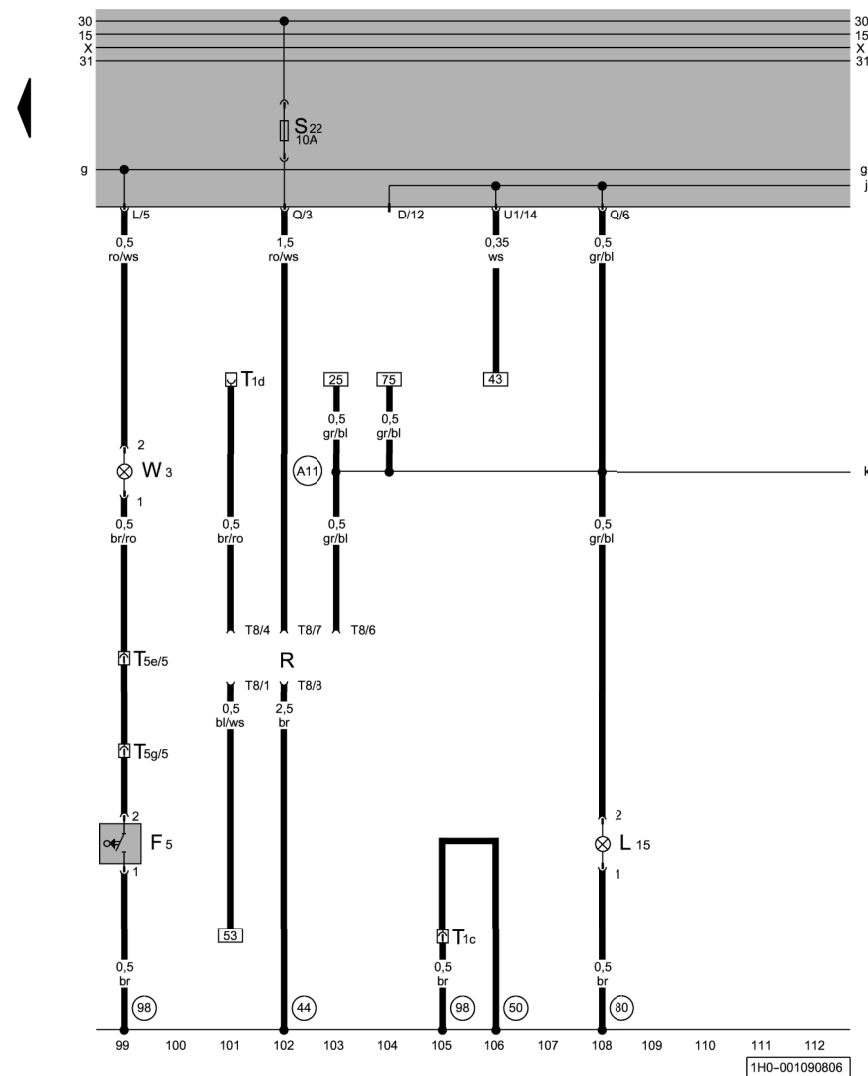
## Front interior light, door contact switch, lights switched on warning buzzer

- F2 - Driver door contact switch
- F3 - Front passenger door contact switch
- F10 - Rear left door contact switch
- F11 - Rear right door contact switch
- J152 - Side lights and radio buzzer
- T5f - 5-pin connector, above the relay plate
- T6 - 6-pin connector, behind the relay plate
- TV17 - Door contact switch wiring junction, above the relay plate
- W6 - Glove compartment light
- W13 - Front passenger reading light
- W15 - Interior light with switch-off delay
- 80 - Earth connection 1, in dash panel wiring harness
- 196 - Earth connection 3, in rear wiring harness
- R8 - Connection (door contact switch), in rear door contact switch wiring harness
- R9 - Connection (door contact switch), in rear wiring harness
- W9 - Positive connection (30), in rear wiring harness

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## Current Flow Diagram

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ws = white  
sw = black  
ro = red  
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gn = green  
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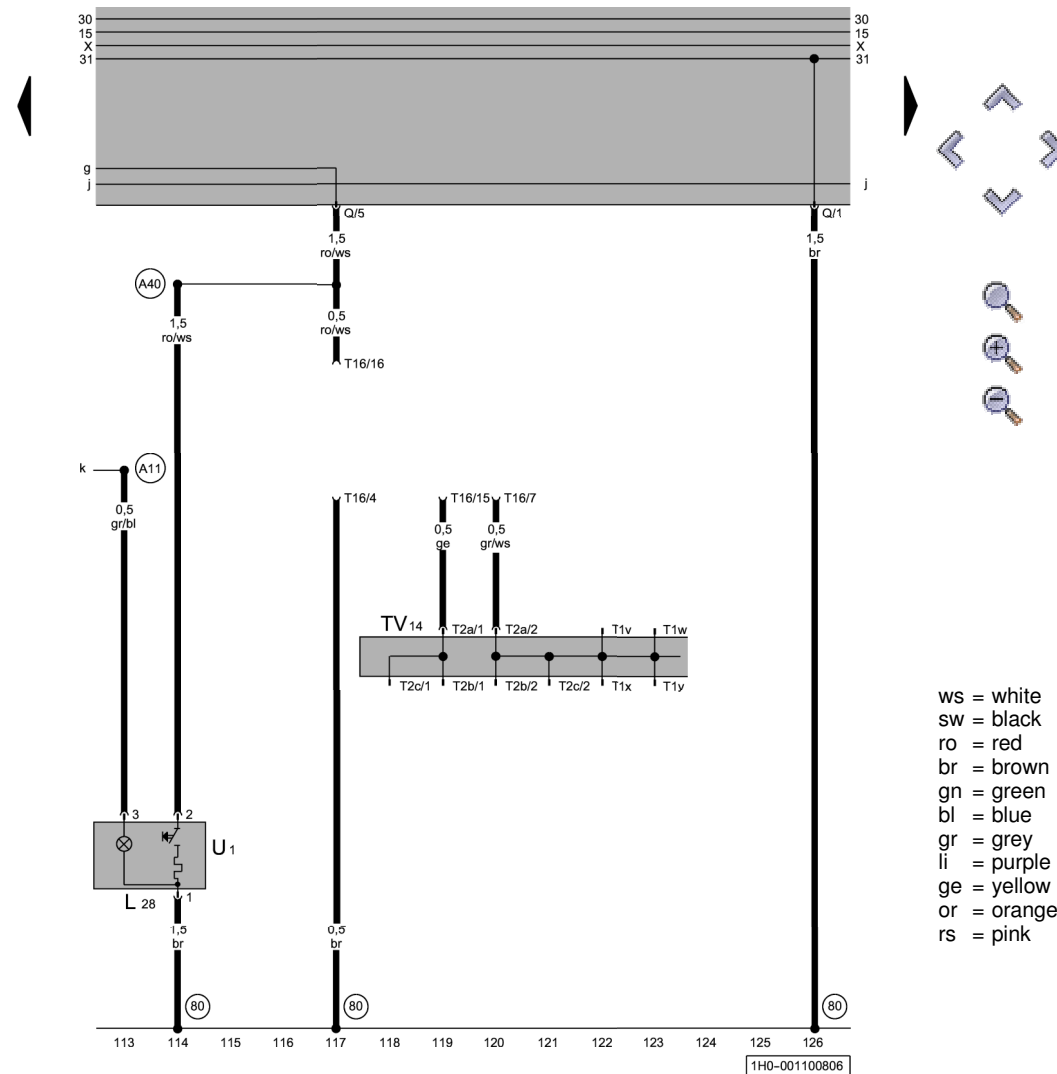
### Luggage compartment light, radio, ashtray illumination

- F5 - Luggage compartment light switch
- L15 - Ashtray illumination bulb
- R - Radio
- T1c - Single connector, behind the relay plate
- T1d - Single connector, behind the relay plate
- T5e - 5-pin connector, on rear cross-panel
- T5g - 5-pin connector, in rear lid
- T8 - 8-pin connector, on radio
- W3 - Luggage compartment light
- 44 - Earth point, lower part of left A-pillar
- 50 - Earth point, on left in luggage compartment
- 98 - Earth connection, in rear lid wiring harness
- A11 - Positive connection (58b), in dash panel wiring harness

## Golf/Vento

## Current Flow Diagram

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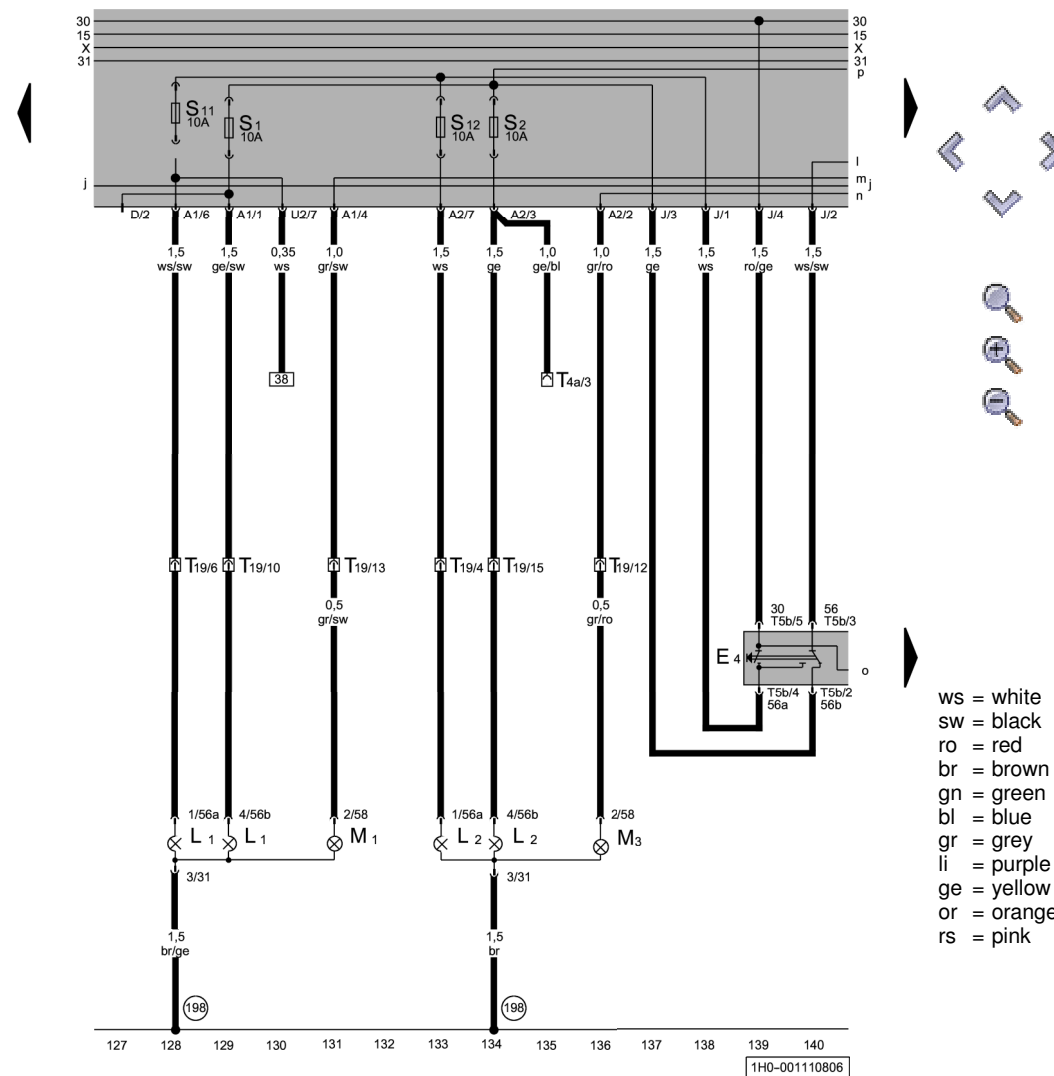
## Self-diagnosis wiring junction, cigarette lighter

- L28 - Cigarette lighter illumination bulb
- T1x - 1-pin connector
- T1y - 1-pin connector
- T1v - 1-pin connector
- T1w - 1-pin connector
- T2a - 2-pin connector
- T2b - 2-pin connector
- T2c - 2-pin connector
- T16 - 16-pin connector, behind centre dash panel
- TV14 - Self-diagnosis wiring junction, above the relay plate
- U1 - Cigarette lighter
- 80 - Earth connection 1, in dash panel wiring harness
- A11 - Positive connection (58b), in dash panel wiring harness
- A40 - Positive connection 1 (30), in dash panel wiring harness

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## Current Flow Diagram

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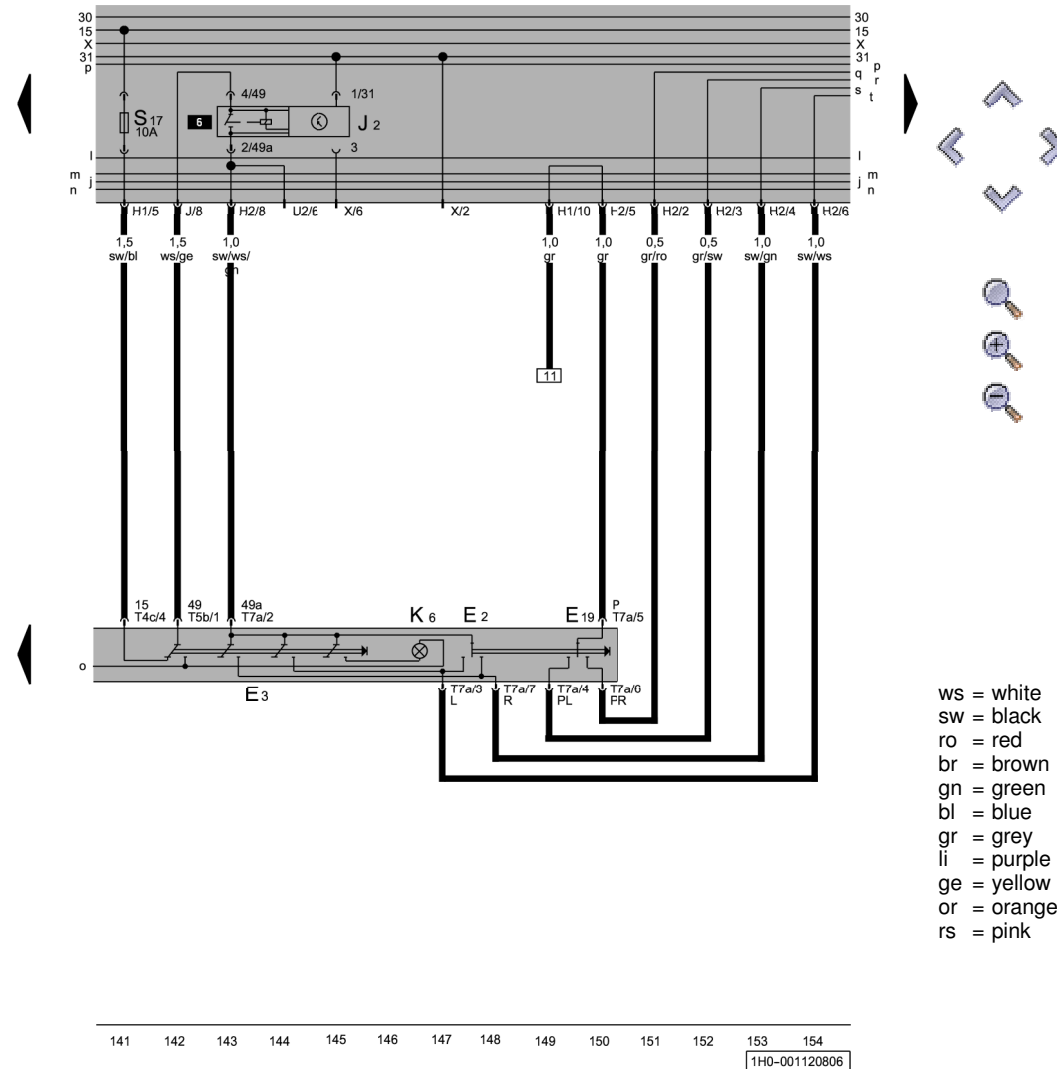
### Headlight, side light, headlight dipper/flasher switch

- E4 - Headlight dipper/flasher switch
- L1 - Left twin filament bulb
- L2 - Right twin filament bulb
- M1 - Left side light bulb
- M3 - Right side light bulb
- T4 - 4-pin connector, behind the relay plate
- T5 - 5-pin connector
- T19 - 19-pin connector, in front lock carrier
- 198 - Earth connection, in front lighting wiring harness

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## Current Flow Diagram

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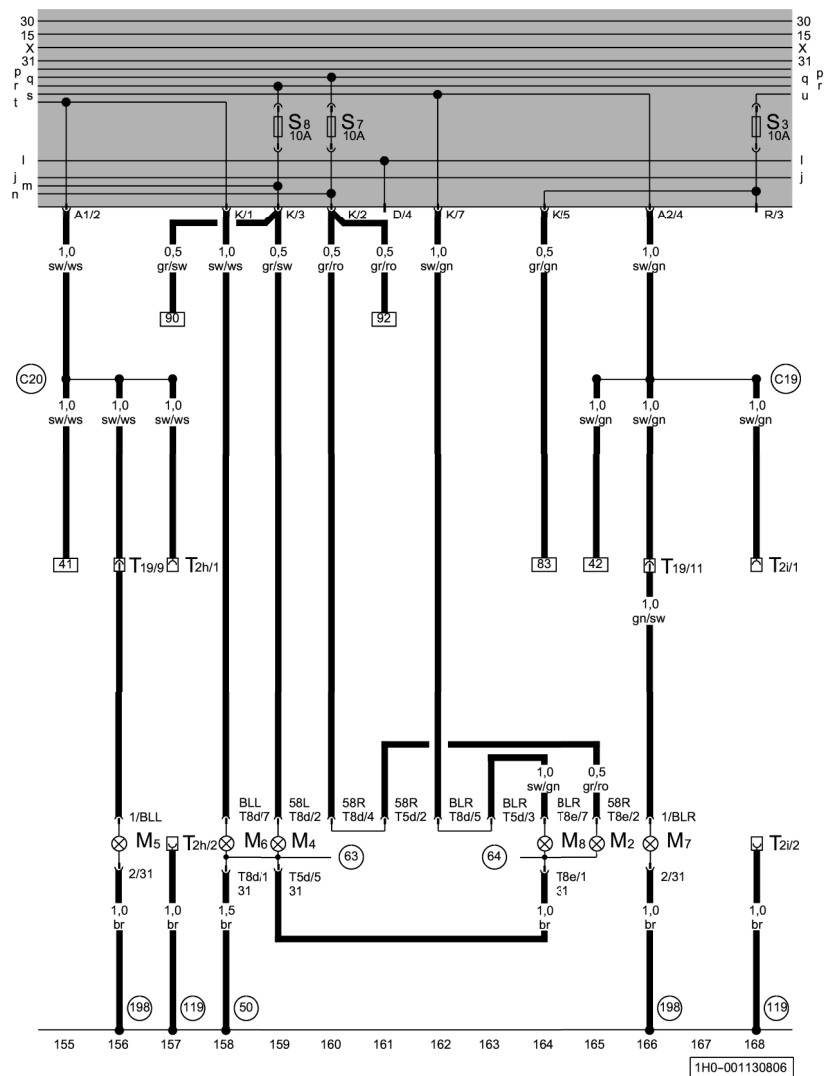
## Turn signal system and hazard warning lights system, parking light switch

- E2 - Turn signal switch
- E3 - Hazard warning light switch
- E19 - Parking light switch
- J2 - Hazard warning light relay
- K6 - Hazard warning light system warning lamp
- T4c - 4-pin connector
- T5b - 5-pin connector
- T7a - 7-pin connector

## Golf/Vento

## Current Flow Diagram

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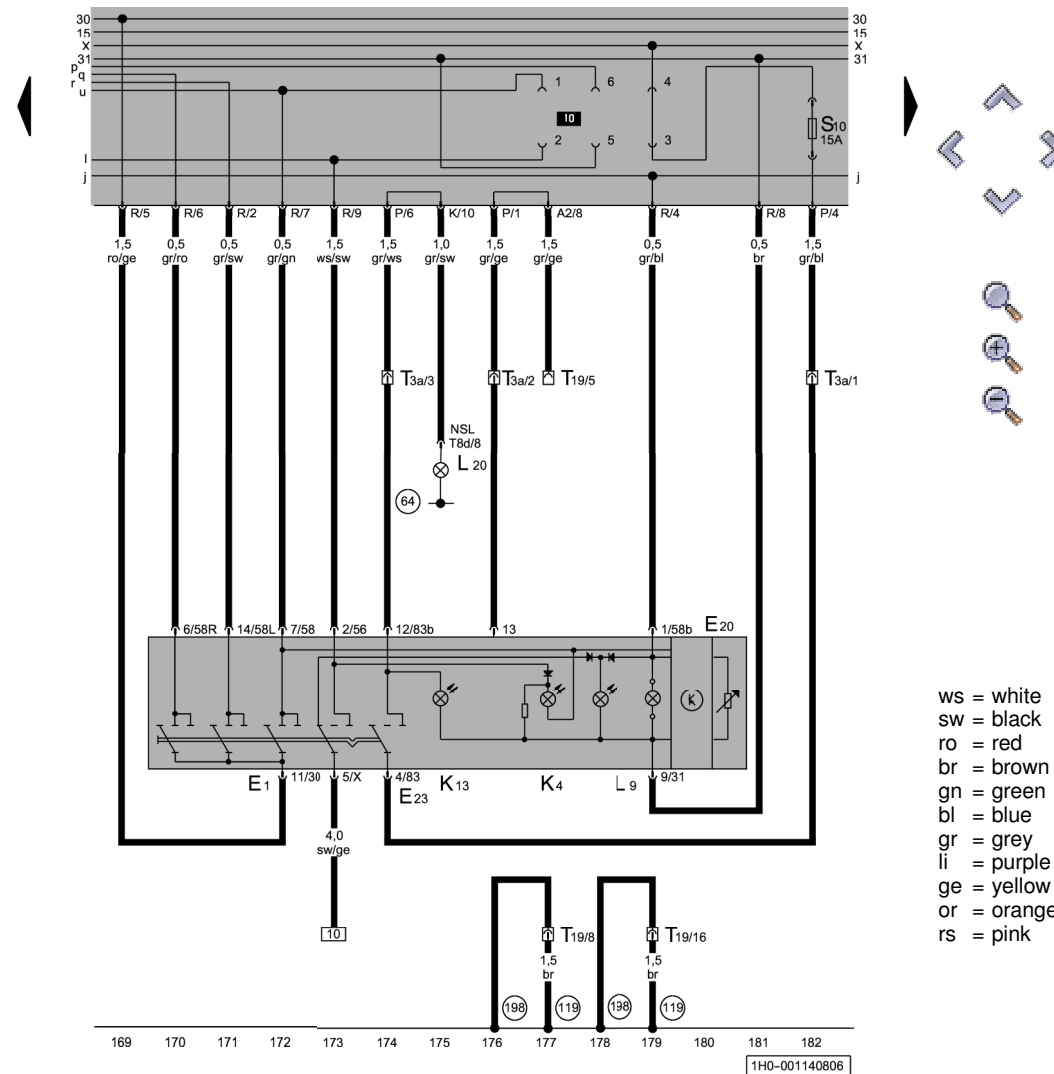
### Turn signal, tail light

- M2 - Right tail light bulb
- M4 - Left tail light bulb
- M5 - Front left turn signal bulb
- M6 - Rear left turn signal bulb
- M7 - Front right turn signal bulb
- M8 - Rear right turn signal bulb
- T2h - 2-pin connector, behind left suspension strut
- T2i - 2-pin connector, behind right suspension strut
- T5d - 5-pin connector, on left rear fog light
- T8d - 8-pin connector, on left rear fog light
- T8e - 8-pin connector, on right rear fog light
- T19 - 19-pin connector, behind right radiator
- C19 - Connection (right turn signal) in headlight wiring harness
- C20 - Connection (left turn signal) in headlight wiring harness
- 50 - Earth point, on left in luggage compartment
- 63 - Earth point, left tail light bulb holder
- 64 - Earth point, right tail light bulb holder
- 119 - Earth connection 1, in headlight wiring harness
- 198 - Earth connection, in front lighting wiring harness

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## Current Flow Diagram

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## Light switch, rear fog light

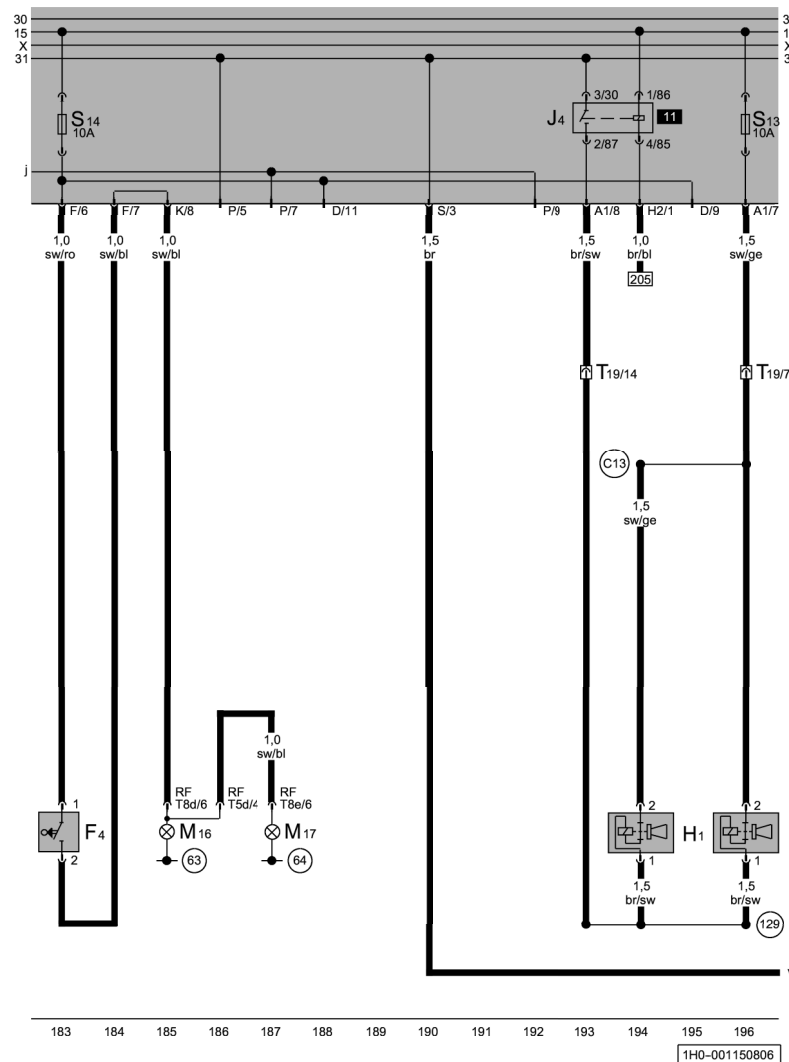
- E1 - Light switch
- E20 - Illumination regulators - switches and instruments
- E23 - Front and rear fog light switch
- K4 - Side light warning lamp
- K13 - Rear fog light warning lamp
- L9 - Light switch illumination bulb
- L20 - Rear fog light bulb, behind the relay plate
- T3a - 3-pin connector
- T8d - 8-pin connector, on left rear fog light
- T19 - 19-pin connector, in front lock carrier
- 64 - Earth point, right tail light bulb holder
- 119 - Earth connection 1, in headlight wiring harness
- 198 - Earth connection, in front lighting wiring harness

ws = white  
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 li = purple  
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## Golf/Vento

## Current Flow Diagram

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### Reversing lights, dual tone horn

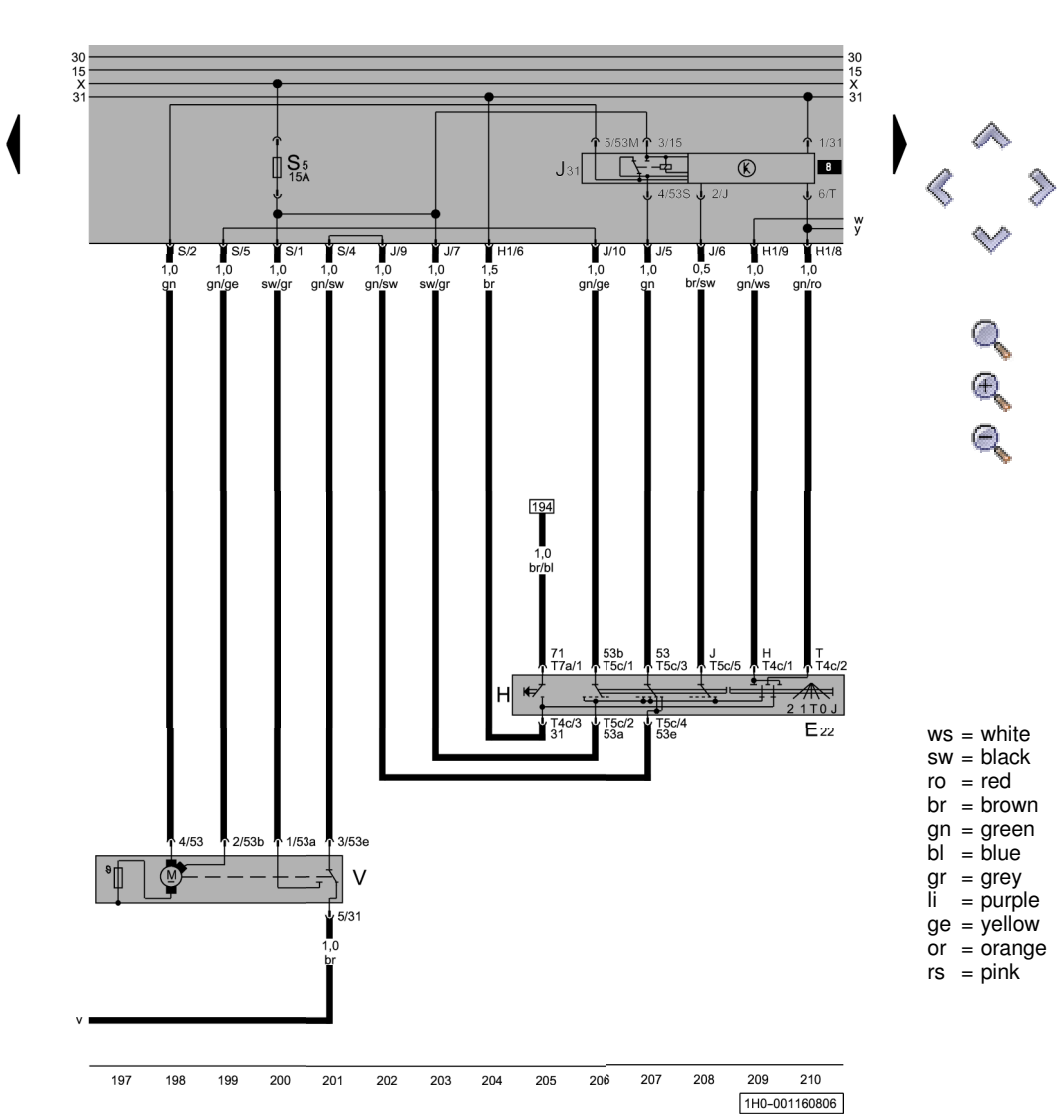
- F4 - Reversing light switch
- H1 - Dual tone horn
- J4 - Dual tone horn relay
- M16 - Left reversing light bulb
- M17 - Right reversing light bulb
- T5d - 5-pin connector, on left rear fog light
- T8d - 8-pin connector, on left rear fog light
- T8e - 8-pin connector, on right rear fog light
- T19 - 19-pin connector, behind right radiator
- 63 - Earth point, left tail light bulb holder
- 64 - Earth point, right tail light bulb holder
- 129 - Earth connection, in dual tone horn wiring harness
- C13 - Positive connection, in dual tone horn wiring harness

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Golf/Vento

Current Flow Diagram

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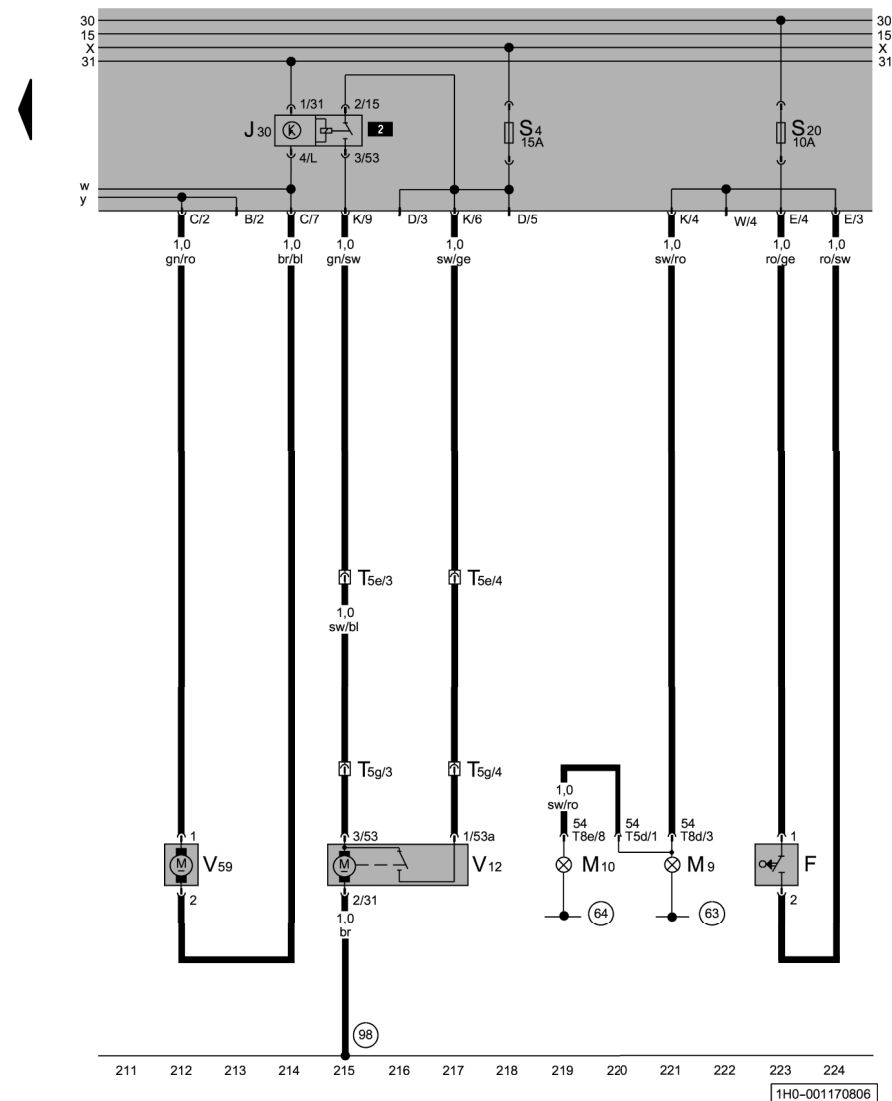
Windscreen washer/wiper system

- E22 - Intermittent wiper switch
- H - Horn plate
- J31 - Automatic intermittent wash and wipe relay
- T4c - 4-pin connector, behind steering column switch trim
- T5c - 5-pin connector, behind steering column switch trim
- T7a - 7-pin connector, behind steering column switch trim
- V - Windscreen wiper motor from 11.95 with thermal fuse

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### Rear window wiper and washer system, brake light

- F - Brake light switch
- J30 - Rear window wiper and washer relay
- M9 - Left brake light bulb
- M10 - Right brake light bulb
- T5d - 5-pin connector, on left rear fog light
- T5e - 5-pin connector, on rear cross-panel
- T5g - 5-pin connector, in rear lid
- T8d - 8-pin connector, on left rear fog light
- T8e - 8-pin connector, on right rear fog light
- V12 - Rear window wiper motor
- V59 - Windscreen and rear window washer pump
- 63 - Earth point, left tail light bulb holder
- 64 - Earth point, right tail light bulb holder
- 98 - Earth connection, in rear lid wiring harness