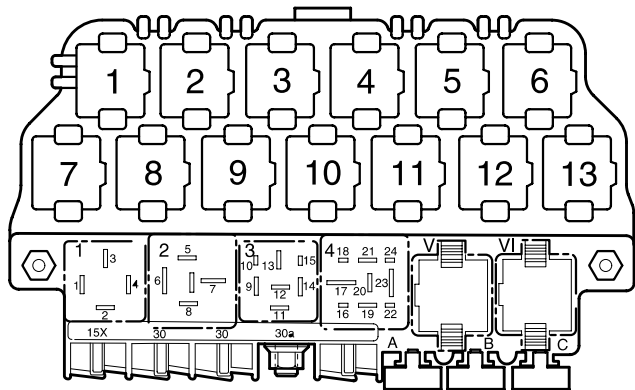


## Base equipment, Golf and Bora,

from May 1999

Base equipment for estate models ⇒ Current flow diagram No. 1

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-14163

Relay locations on 13 position additional relay carrier, above relay plate:

Relay locations on relay plate:

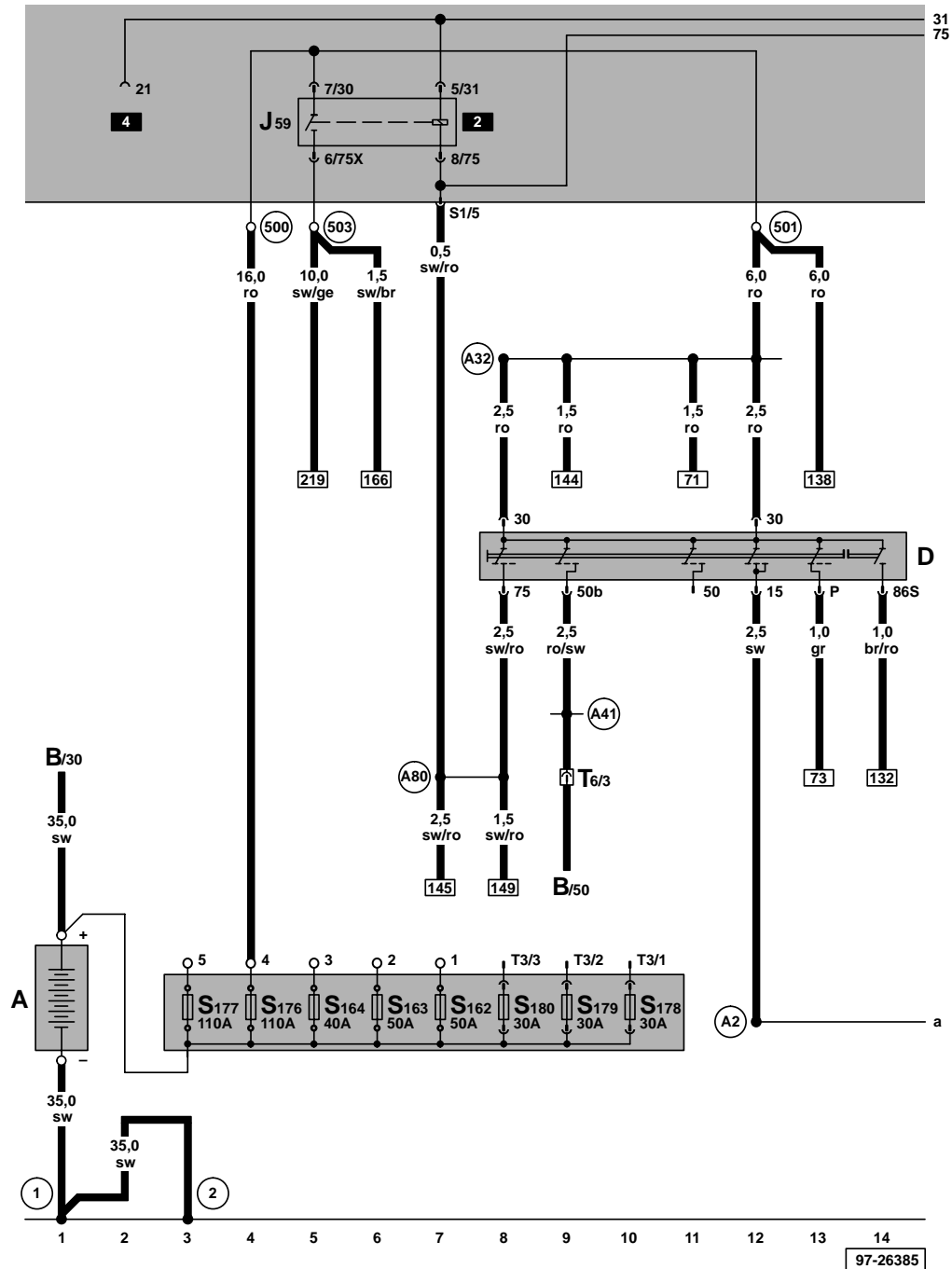
- 1** Dual tone horn relay (53)
- 2** X contact relief relay (18)
- V** Automatic intermittent wash/wipe relay (377)
- VI**

Note:

The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

- 30 A – green
- 25 A – white
- 20 A – yellow
- 15 A – blue
- 10 A – red
- 7.5 A – brown
- 5 A – beige
- 3 A – lilac

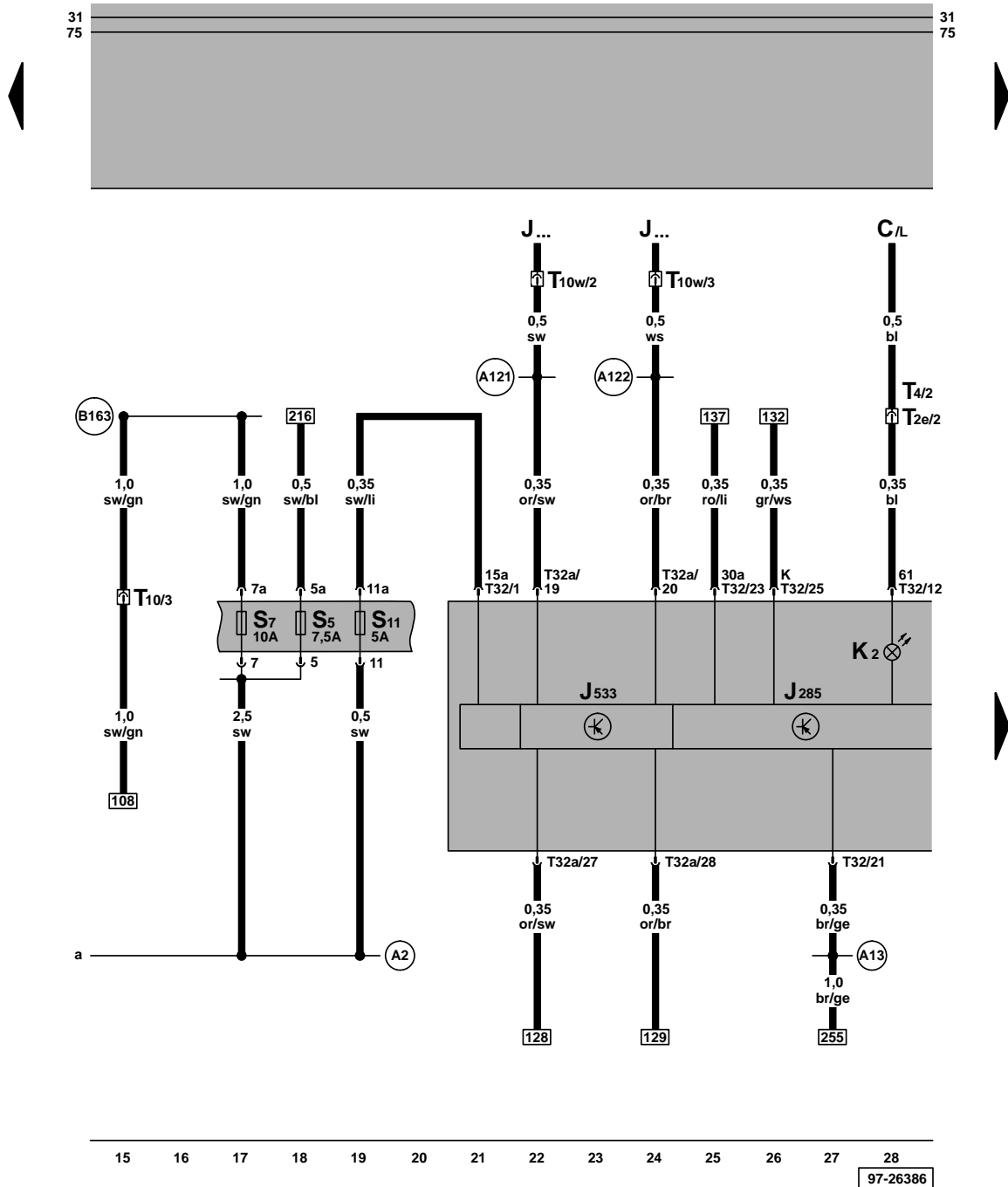


**Battery, ignition/starter switch, X contact relief relay**

- A - Battery
- B - Starter
- D - Ignition/starter switch
- J59 - X contact relief relay
- J226 - Starter inhibitor and reversing light relay
- S162 - Fuse -1- (30), in battery fuse holder
- S163 - Fuse -2- (30), in battery fuse holder
- S164 - Fuse -3- (30), in battery fuse holder
- S176 - Fuse -4- (30), in battery fuse holder
- S177 - Fuse -5- (30), in battery fuse holder
- S178 - Fuse -6- (30), in battery fuse holder
- S179 - Fuse -7- (30), in battery fuse holder
- S180 - Fuse -8- (30), in battery fuse holder
- T3 - 3-pin connector
- T6 - 6-pin connector, brown, in protective housing for connectors, left in plenum chamber

- (1) - Earth strap, battery body
- (2) - Earth strap, gearbox - body
- (500) - Screw connection -1- (30), on relay plate
- (501) - Screw connection -2- (30), on relay plate
- (503) - Screw connection (75x), on relay plate
- (A2) - Positive (+) connection (15), in dash panel wiring harness
- (A32) - Positive connection (30), in dash panel wiring harness
- (A41) - Positive (+) connection (50), in dash panel wiring harness (for vehicles with a petrol engine only)
- (A80) - Connection -1- (X), in dash panel wiring harness

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

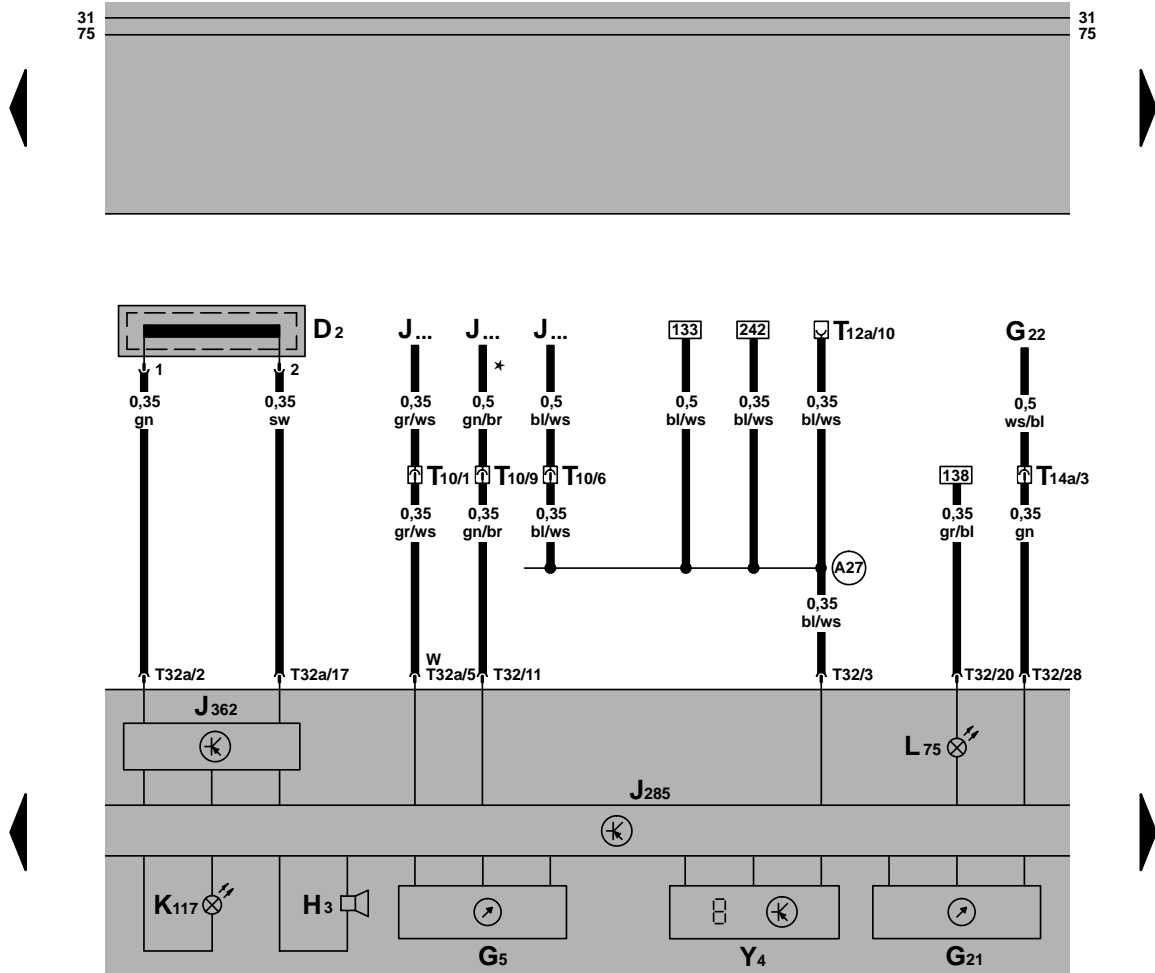


Dash panel insert

- C - Alternator
- J285 - Control unit with display in dash panel insert
- J... - Engine control unit
- J533 - Diagnosis interface for data bus, in dash panel wiring harness
- K2 - Alternator warning lamp
- S5 - Fuse in relay plate fuse box
- S7 - Fuse in relay plate fuse box
- S11 - Fuse in relay plate fuse box
- T2e - 2-pin connector, near starter (on vehicles not fitted with air conditioner)
- T4 - 4-pin connector, near starter (on vehicles fitted with air conditioner)
- T10 - 10-pin connector, orange, in protective housing for connectors, left in plenum chamber
- T10w- 10-pin connector, white, in protective housing for connectors, left in plenum chamber
- T32 - 32-pin connector, blue
- T32a - 32-pin connector, green
- (A2) - Positive (+) connection (15), in dash panel wiring harness
- (A13) - Connection (door contact switch), in dash panel wiring harness
- (A121) - Connection (high bus), in dash panel wiring harness
- (A122) - Connection (low bus), in dash panel wiring harness
- (B163) - Positive connection -1- (15), in interior wiring harness

ws = white  
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 bl = blue  
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Dash panel insert, immobilizer, rev. counter, odometer, speedometer



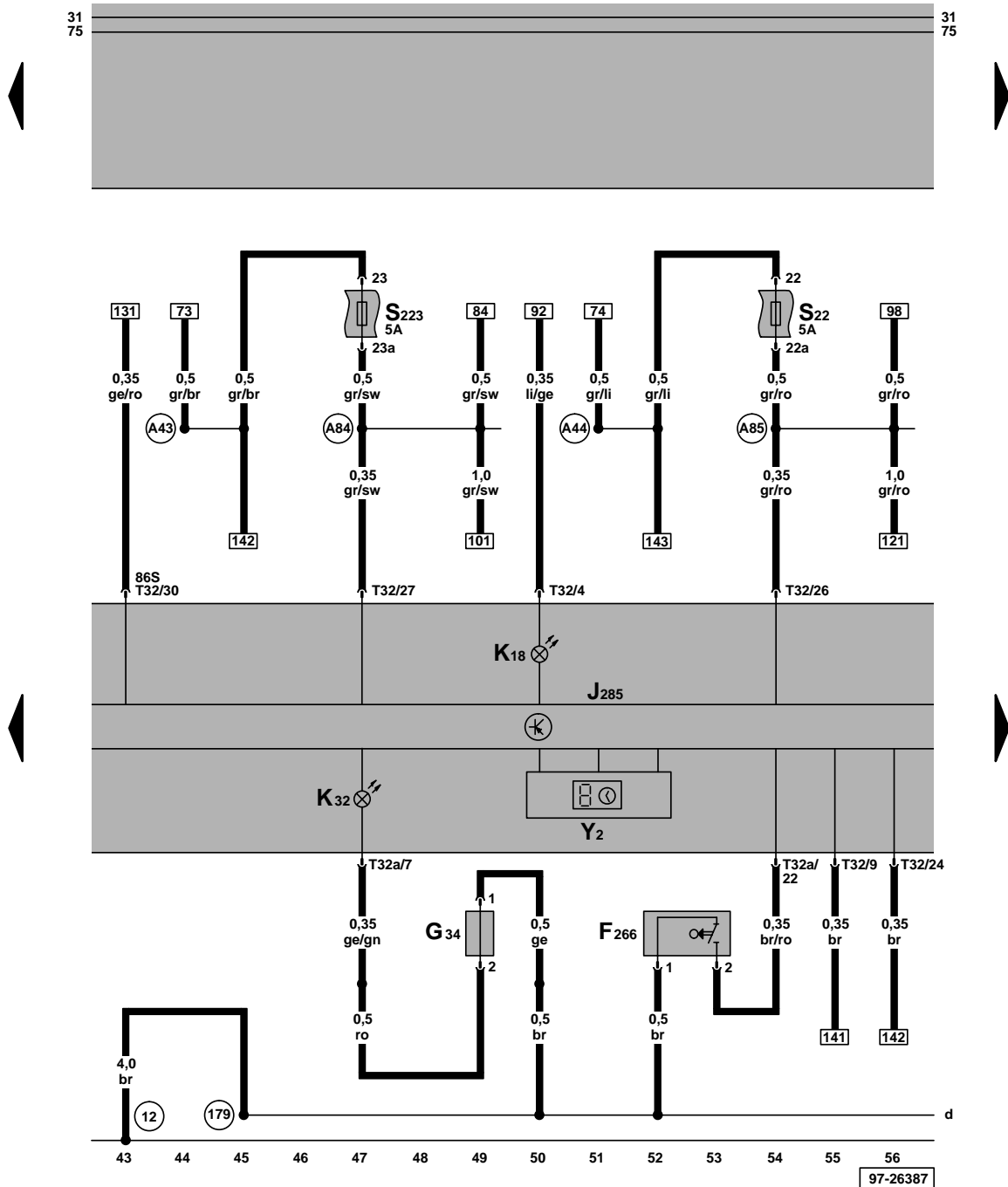
- D2 - Immobilizer reading coil
  - G21 - Speedometer
  - G5 - Rev. counter
  - G22 - Speedometer sender in gearbox
  - H3 - Buzzer
  - J285 - Control unit with display in dash panel insert
  - J362 - Immobilizer control unit
  - J... - Engine control unit
  - K117 - Immobilizer warning lamp
  - L75 - Digital display illumination
  - T10 - 10-pin connector, orange, in protective housing for connectors, left in plenum chamber
  - T12a - 12-pin connector, connection for Climatronic only
  - T14a - 10-pin connector, in cable channel left in engine compartment
  - T32 - 32-pin connector, blue
  - T32a - 32-pin connector, green
  - Y4 - Odometer display
- (A27) - Connection (speed signal), in dash panel wiring harness
- \* - Engine speed signal from engine control unit

ws = white  
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 or = orange

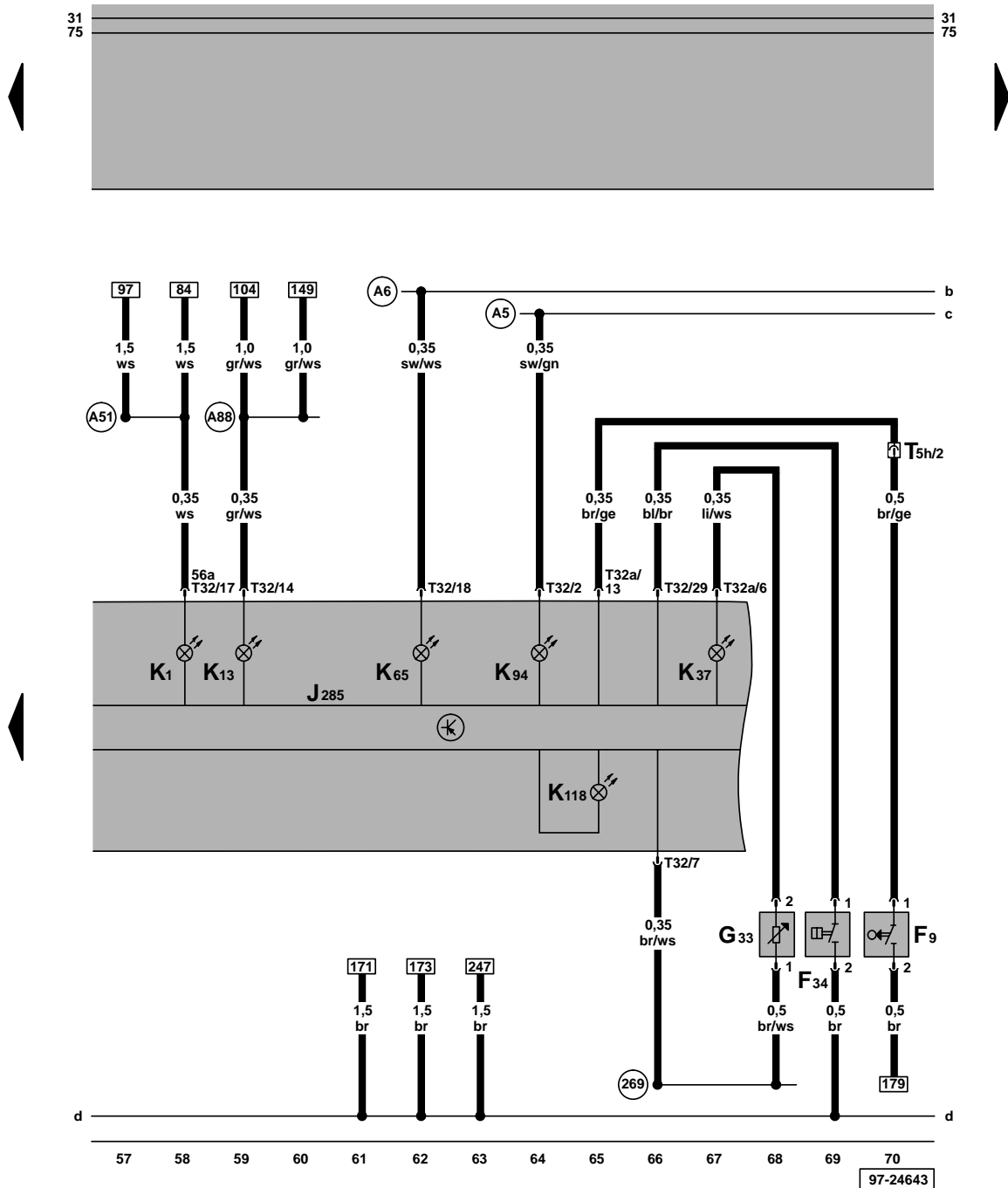
Dash panel insert, warning lamp for trailer towing, digital clock, bonnet contact switch, sender for front left brake lining wear, brake pad/lining warning lamp

- F266 – Bonnet contact switch, in lock
- G34 – Brake lining/pad wear sender, front left
- J285 – Control unit with display in dash panel insert
- K18 – Trailer operation warning lamp
- K32 – Brake pad/lining warning lamp
- S22 – Fuse in relay plate fuse box
- S223 – Fuse in fuse holder
- T2 – 2-pin connector
- T32 – 32-pin connector, blue
- T32a – 32-pin connector, green
- Y2 – Digital clock

- (12) – Earth point, left in engine compartment
- (179) – Earth connection, in left headlight wiring harness
- (A43) – Connection (57L), in dash panel wiring harness
- (A44) – Connection (57r), in dash panel wiring harness
- (A84) – Connection (58L), in dash panel wiring harness
- (A85) – Connection (58R), in dash panel wiring harness



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Dash panel insert, brake system warning lamp, brake fluid level warning contact, turn signal warning lamps, headlight main beam warning lamp, rear fog light warning lamp

- F9 - Handbrake warning switch
- F34 - Brake fluid level warning contact
- G33 - Windscreen washer fluid level sender
- J285 - Control unit with display in dash panel insert
- K1 - Main beam warning lamp
- K13 - Rear fog light warning lamp
- K37 - Windscreen washer fluid level warning lamp
- K65 - Left turn signal warning lamp
- K94 - Right turn signal warning lamp
- K118 - Brake system warning lamp
- T5h - 5-pin connector, near lower left A pillar, woven into wiring harness
- T32 - 32-pin connector, blue
- T32a - 32-pin connector, green

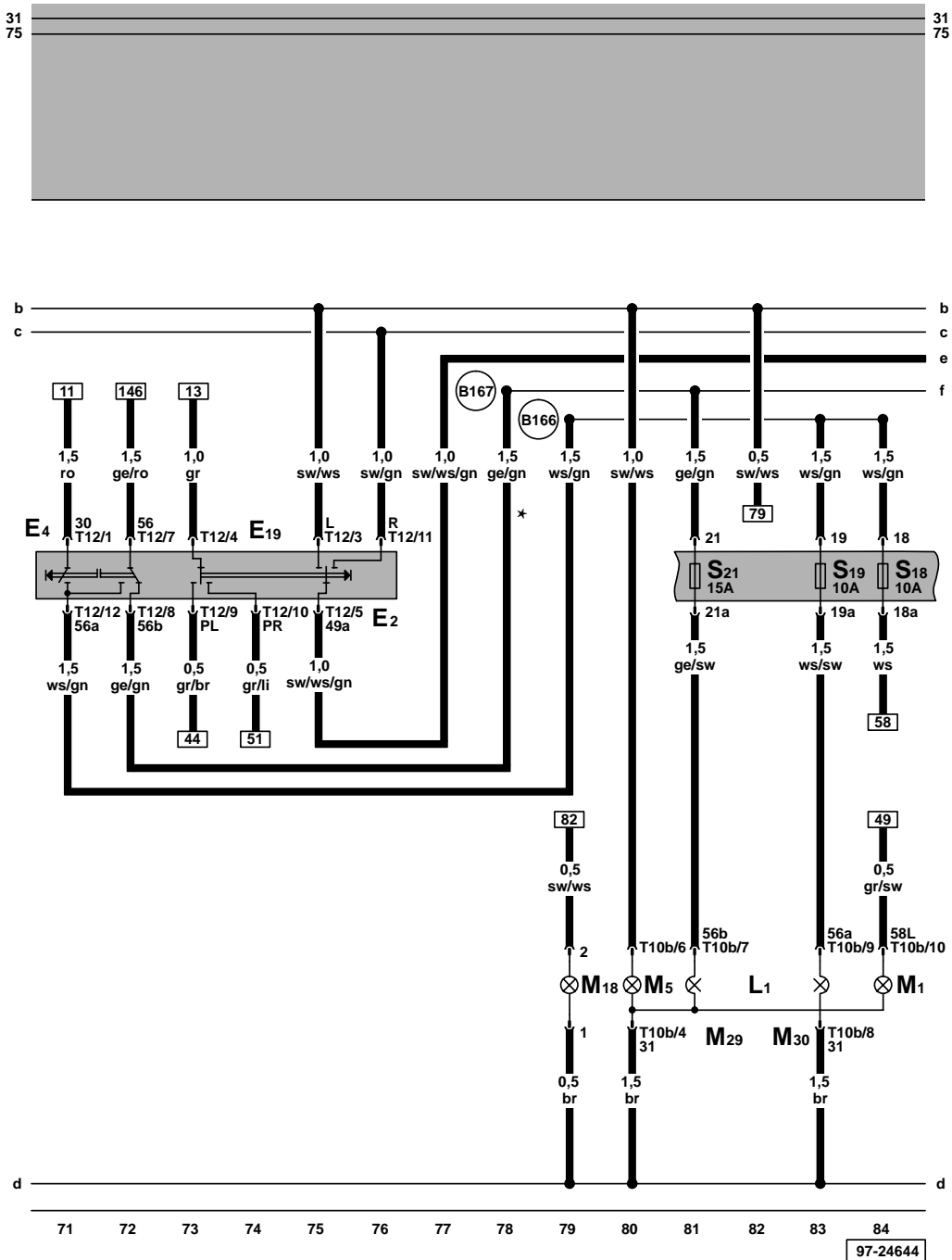
- (269) - Earth connection (sender earth) -1-, in dash panel wiring harness
- (A5) - Positive (+) connection (right turn signal), in dash panel wiring harness
- (A6) - Positive (+) connection (left turn signal), in dash panel wiring harness
- (A51) - Connection (56), in dash panel wiring harness
- (A88) - Connection (RFL), in dash panel wiring harness

ws = white  
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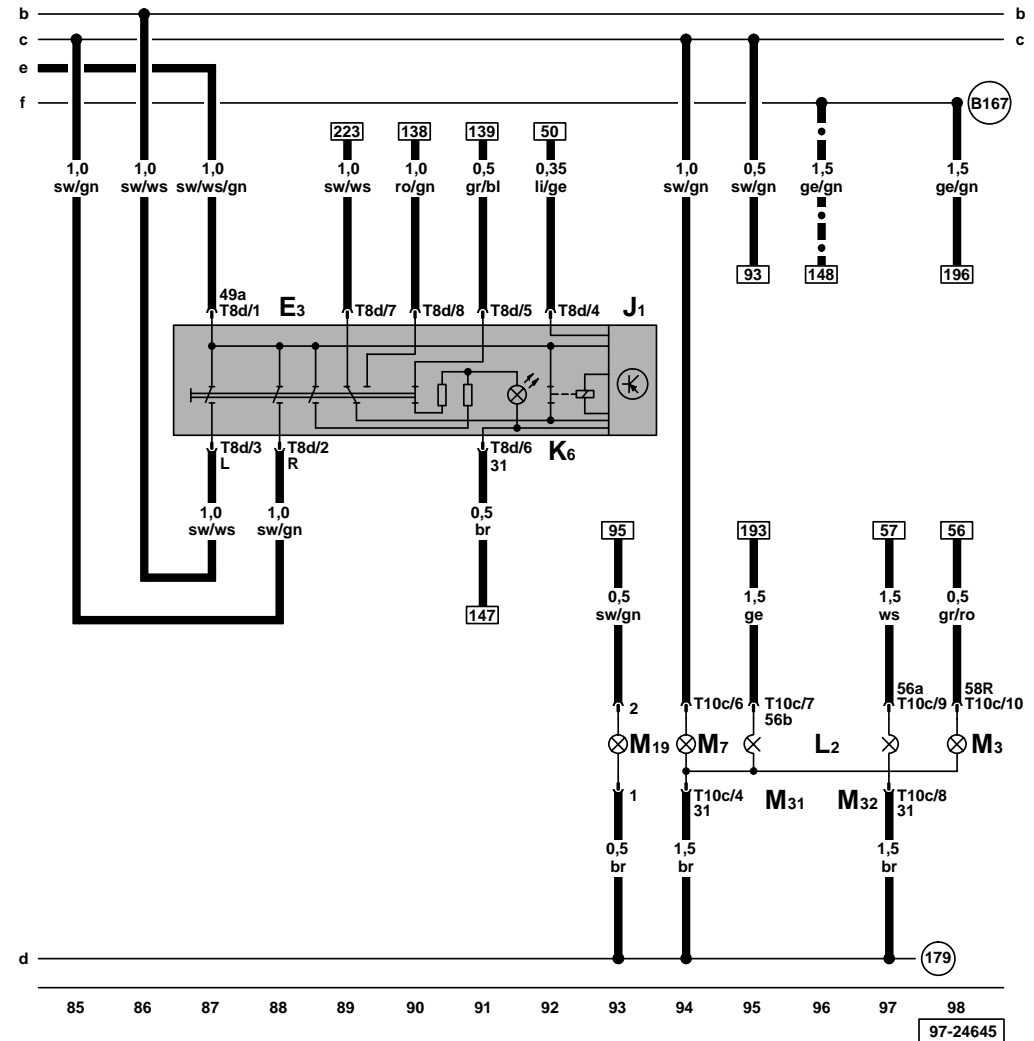
Turn signal switch, headlight dip/flasher switch, parking light switch, front left headlight, front left turn signal

- E2 - Turn signal switch
- E4 - Headlight dipper/flasher switch
- F19 - Parking light switch
- L1 - Twin filament bulb/sealed beam insert, left \*
- M1 - Side light bulb, left
- M5 - Turn signal bulb, front left
- M18 - Side turn signal bulb, left
- M29 - Dipped beam bulb, left (only on Golf)
- M30 - Main beam bulb, left (only on Golf)
- S18 - Fuse in relay plate fuse box
- S19 - Fuse in relay plate fuse box
- S21 - Fuse in relay plate fuse box
- T10b - 10-pin connector, on left headlight
- T12 - 12-pin connector

- B166 - Connection (56a), in interior wiring harness
- B167 - Connection (56b), in interior wiring harness
- \* - Only on Bora



ws = white  
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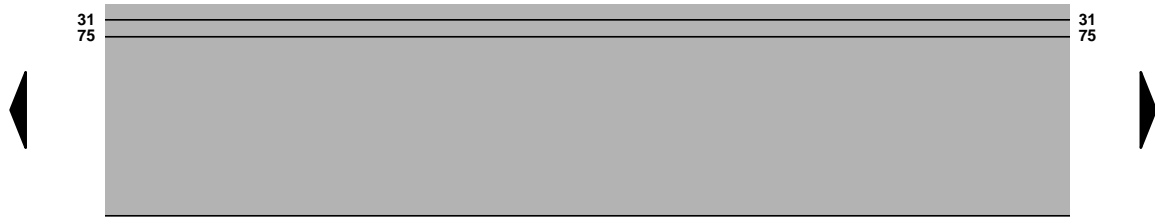
**Hazard warning lights switch, turn signal relay, front right headlight, front right turn signal**

- E3 - Hazard warning light switch
- J1 - Turn signal relay
- K6 - Hazard warning light system warning lamp
- L2 - Twin filament bulb/sealed beam insert, right\*
- M3 - Side light bulb, right
- M7 - Turn signal bulb, front right
- M19 - Side turn signal bulb, right
- M31 - Dipped beam bulb, right (only on Golf)
- M32 - Main beam bulb, right (only on Golf)
- T8d - 8-pin connector\*\*
- T10c - 10-pin connector, on right headlight

- (179) - Earth connection, in left headlight wiring harness
- (B167) - Connection (56b), in interior wiring harness

- \* - Only on Bora
- \*\* - Turn signal relay and connector number assignment can deviate from one another, see fault finding program!
- Only on Golf





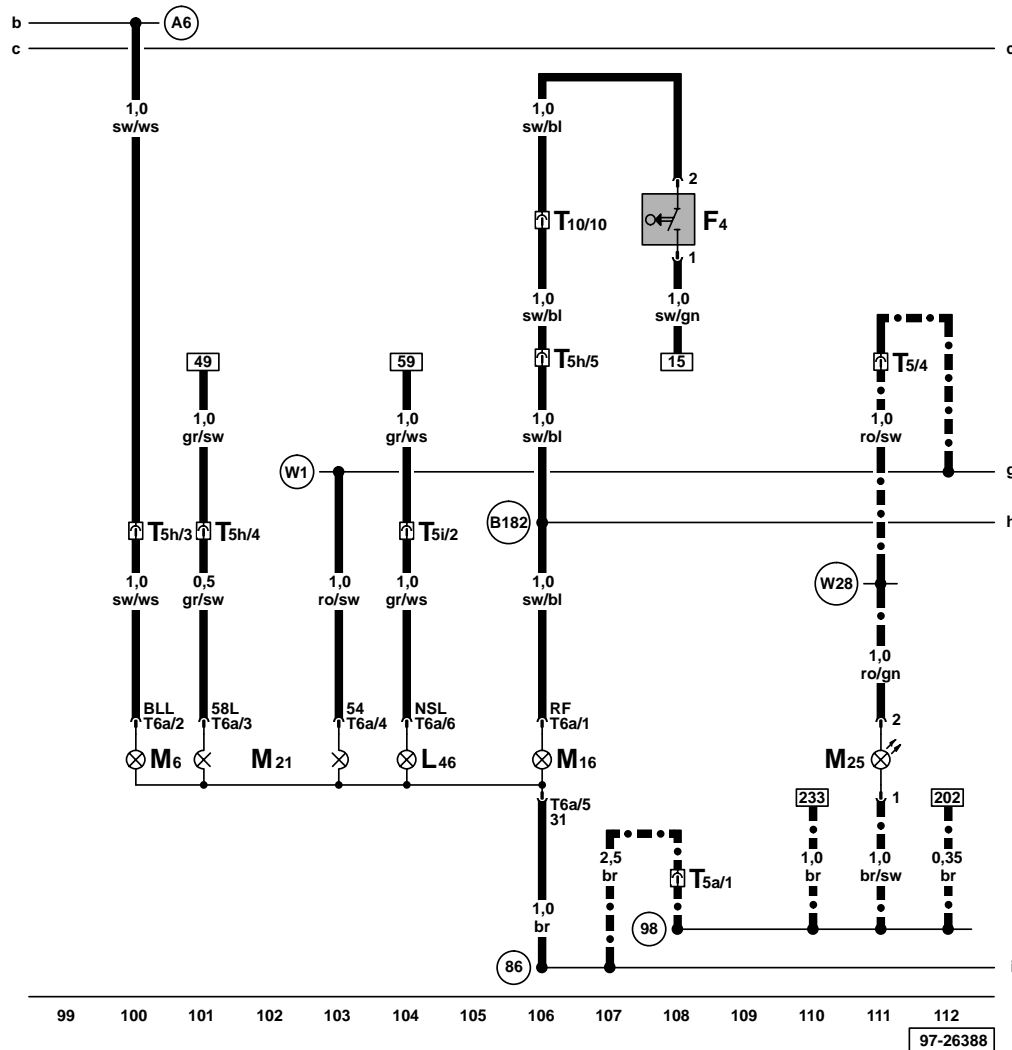
Left tail light, left brake light, rear left turn signal, left reversing light, switch for reversing lights, rear fog light

- F4 - Reversing light switch
- L46 - Rear fog light bulb, left
- M6 - Turn signal bulb, rear left
- M16 - Reversing light bulb, left
- M21 - Brake and tail light bulb
- M25 - High level brake light bulb (32 LED's)
- T5 - 5-pin connector, black, left C-pillar coupling station
- T5a - 5-pin connector, pink, left C-pillar coupling station
- T5h - 5-pin connector, near lower left A-pillar, woven into wiring harness
- T5i - 5-pin connector, near lower left A-pillar, woven into wiring harness
- T6a - 6-pin connector
- T10 - 10-pin connector, orange, in protective housing for connectors, left in plenum chamber

- (86) - Earth connection -1-, in rear wiring harness
- (98) - Earth connection, in tailgate/boot lid wiring harness
- (A6) - Positive (+) connection (left turn signal), in dash panel wiring harness
- (B182) - Connection (RL), in interior wiring harness
- (W1) - Positive (+) connection (54), in rear wiring harness
- (W28) - Positive connection -2- (54), in tail light wiring harness

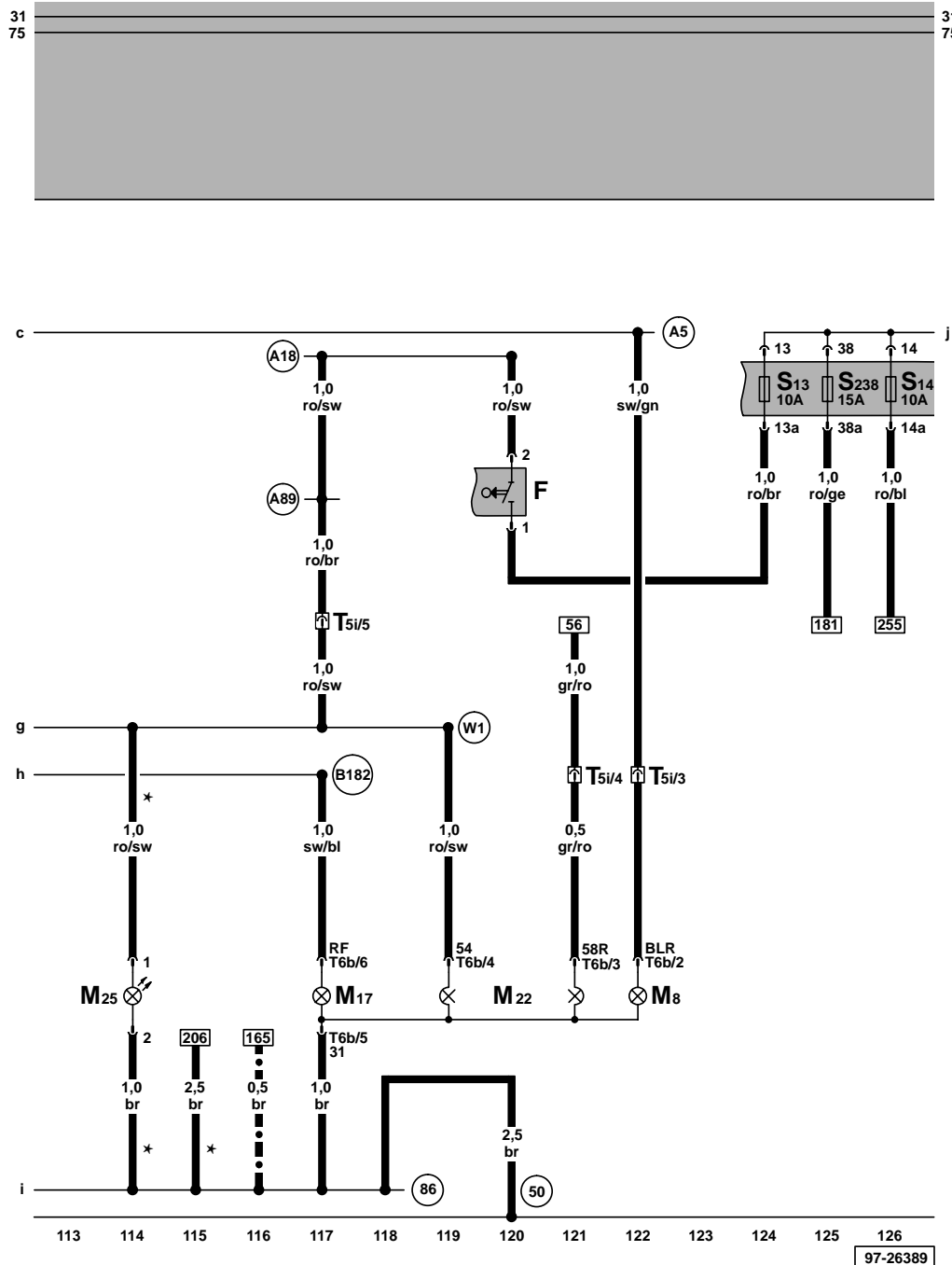
-.-.- Only on Golf

ws = white  
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 li = lilac  
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 or = orange



97-26388

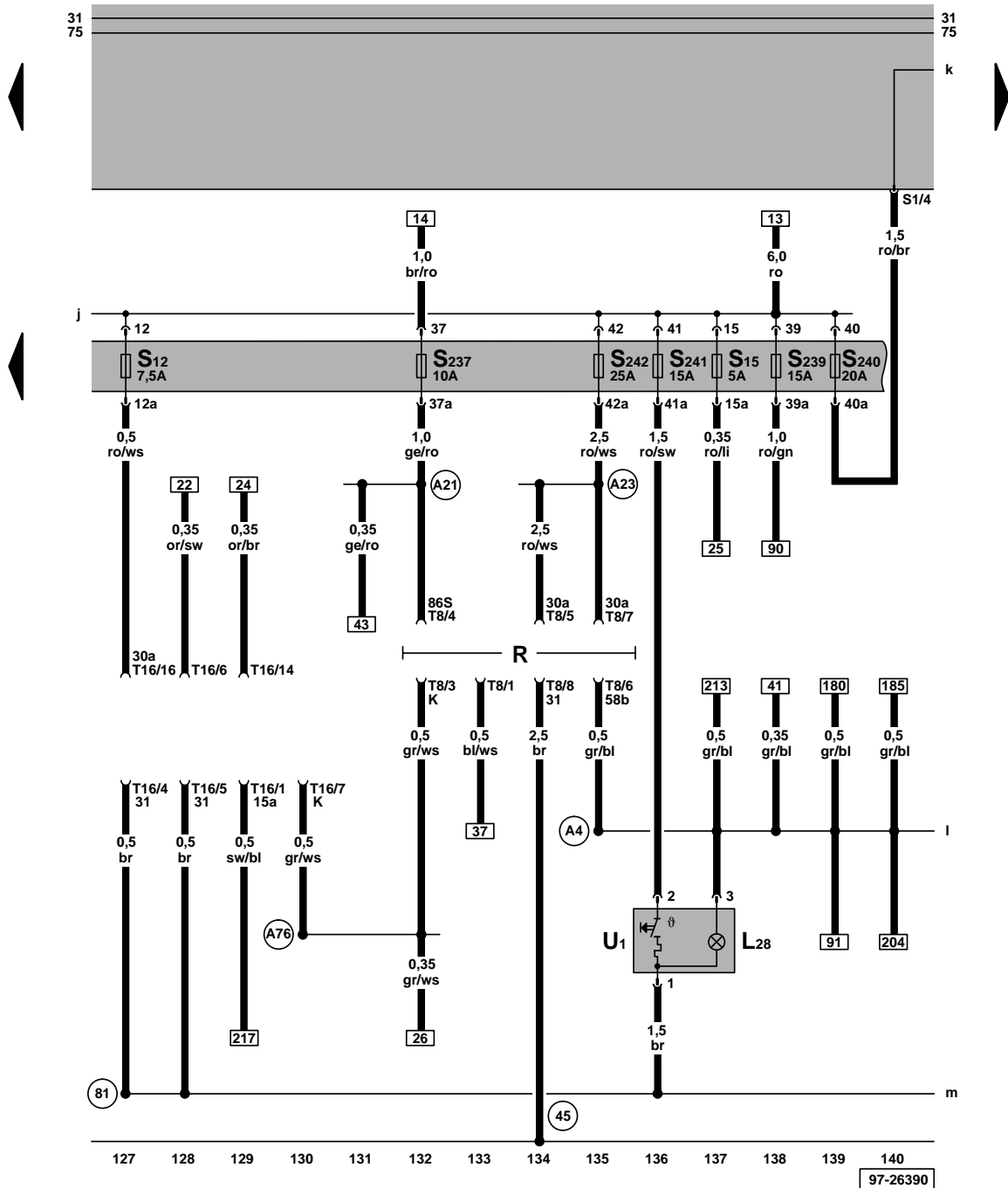
### Right tail light, right brake light, rear right turn signal, right reversing light, brake light switch



- F – Brake light switch
- M8 – Turn signal bulb, rear right
- M17 – Reversing light bulb, right
- M22 – Brake and tail light bulb, right
- M25 – High level brake light bulb (18 LED's)
- S13 – Fuse in relay plate fuse box
- S14 – Fuse in relay plate fuse box
- S238 – Fuse in fuse holder
- T5i – 5-pin connector, near lower left A-pillar, woven into wiring harness
- T6b – 6-pin connector
- (50) – Earth point, on left luggage compartment
- (86) – Earth connection -1-, in rear wiring harness
- (A5) – Positive (+) connection (right turn signal), in dash panel wiring harness
- (A18) – Connection (54), in dash panel wiring harness
- (A89) – Connection -2- (54), in dash panel wiring harness
- (B182) – Connection (RL), in interior wiring harness
- (W1) – Positive (+) connection (54), in rear wiring harness
- \* – Only on Bora
- – Only on Golf

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Self-diagnosis connection, radio connection, cigarette lighter



- L28 - Cigarette lighter light bulb
- R - Radio
- S12 - Fuse in relay plate fuse box
- S15 - Fuse in relay plate fuse box
- S237 - Fuse in fuse holder
- S239 - Fuse in fuse holder
- S240 - Fuse in fuse holder
- S241 - Fuse in fuse holder
- S242 - Fuse in fuse holder
- T8 - 8-pin connector, on radio
- T16 - 16-pin connector, in centre of dash panel, self-diagnosis connection
- U1 - Cigarette lighter

- (45) - Earth point, behind dash panel - centre
- (81) - Earth connection -1-, in dash panel wiring harness
- (A4) - Positive (+) connection (58b), in dash panel wiring harness
- (A21) - Connection (86s), in dash panel wiring harness
- (A23) - Connection (30a), in dash panel wiring harness
- (A76) - Connection (diagnosis wire K), in dash panel wiring harness

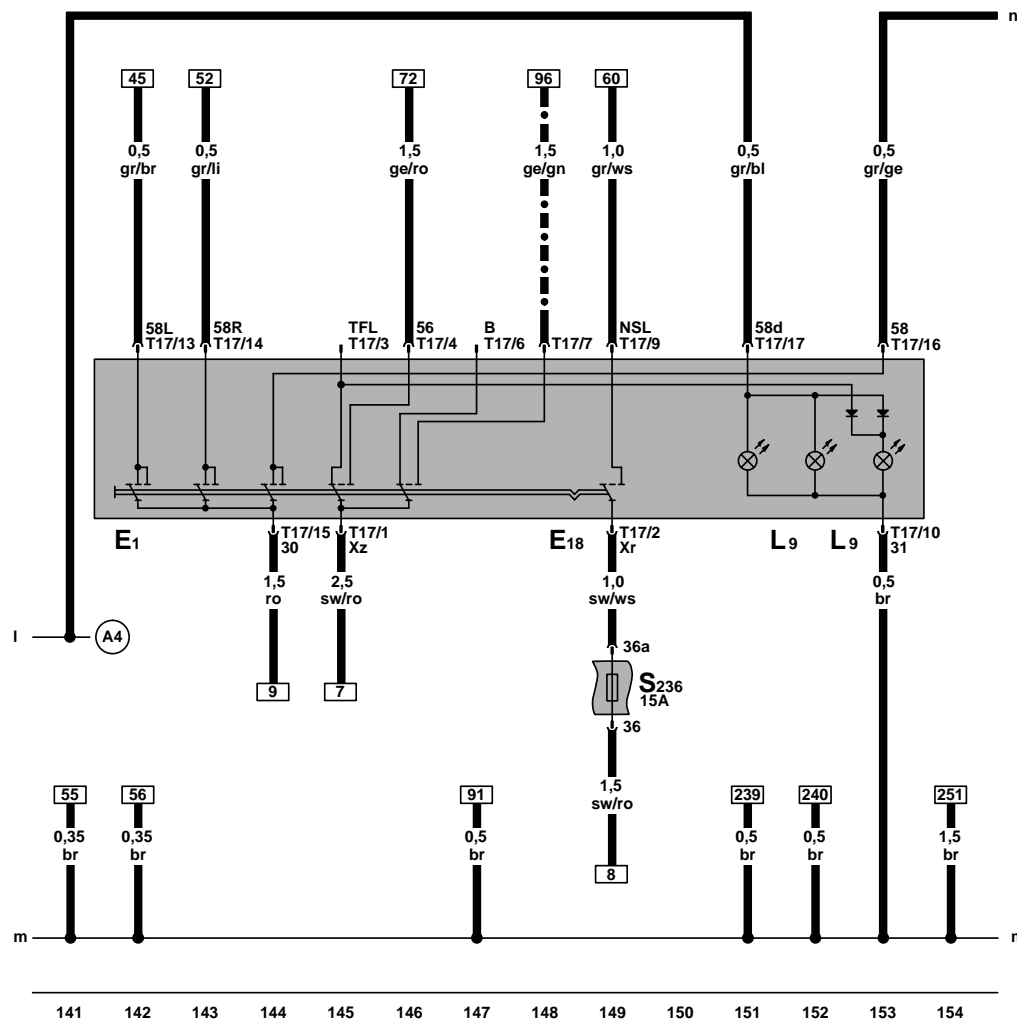
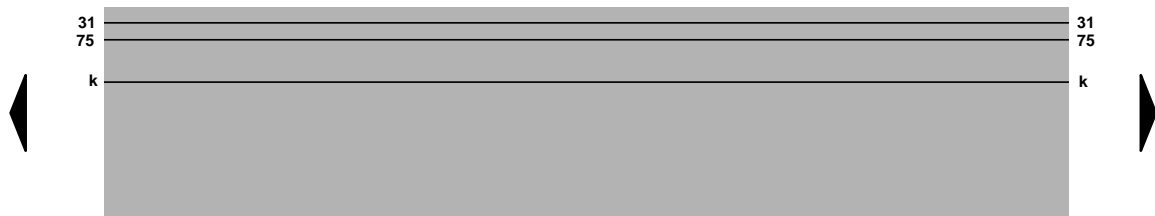
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Lighting switch, rear fog light switch

- E1 - Lighting switch
- E18 - Rear fog light switch
- L9 - Lighting switch light bulb
- S236 - Fuse in fuse holder
- T17 - 17-pin connector

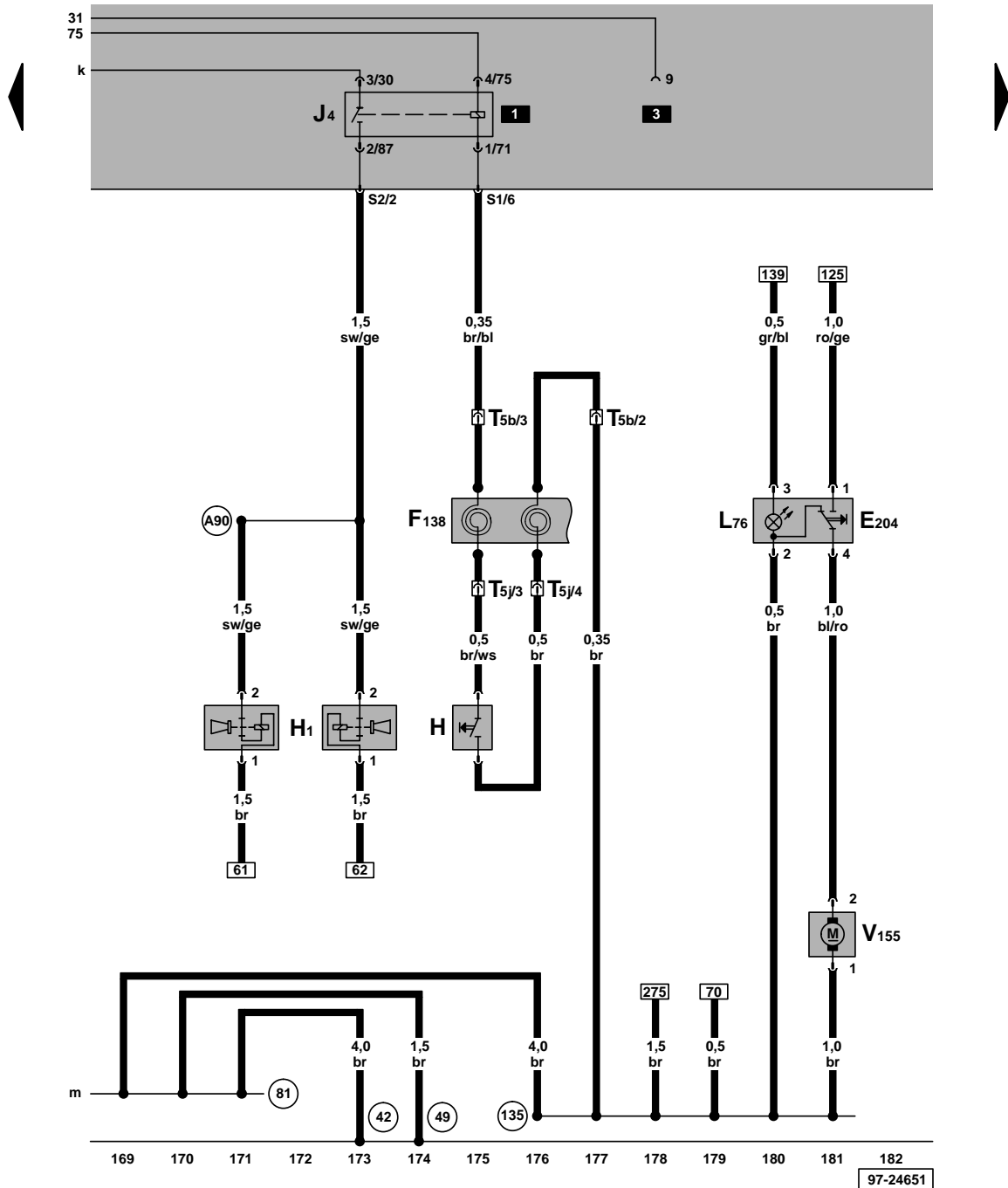
(A4) - Positive (+) connection (58b), in dash panel wiring harness

-•-•- Only on Golf



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Dual tone horn, tank filler flap release switch, horn operation

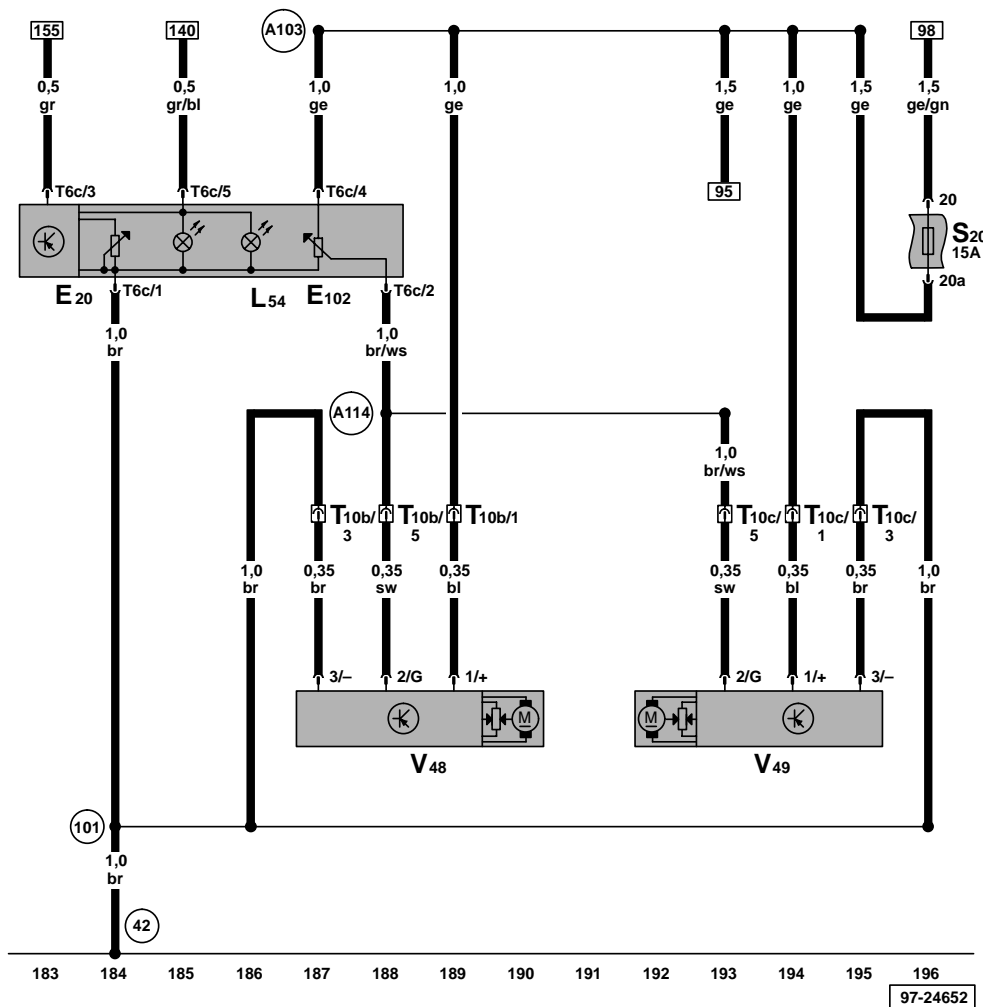
- E204 – Tank filler flap remote release switch
- F138 – Coil spring for airbag, return spring with slip ring
- H – Horn plate
- H1 – Horn/dual tone horn
- J4 – Dual tone horn relay
- L76 – Button illumination
- T5b – 5-pin connector, next to steering column
- T5j – 5-pin connector, in steering wheel
- V155 – Tank filler flap locking motor
- (42) – Earth point, next to steering column
- (49) – Earth point, near steering column
- (81) – Earth connection -1-, in dash panel wiring harness
- (135) – Earth connection -2-, in dash panel wiring harness
- (A90) – Connection (dual tone horn), in dash panel wiring harness

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Headlight range control adjuster, headlight range control positioning motors, switches and instruments lighting control

- E20 - Switches and instruments - lighting control
- E102 - Headlight range control adjuster
- L54 - Headlight range control adjuster light blub
- S20 - Fuse in relay plate fuse box
- T6c - 6-pin connector
- T10b - 10-pin connector, on left headlight
- T10c - 10-pin connector, on right headlight
- V48 - Headlight range control motor, left
- V49 - Headlight range control motor, right

- (42) - Earth point, next to steering column
- (101) - Earth connection, in headlighting range adjustment wiring harness
- (A103) - Connection -2- (56), in dash panel wiring harness
- (A114) - Connection, headlight range control, in dash panel wiring harness



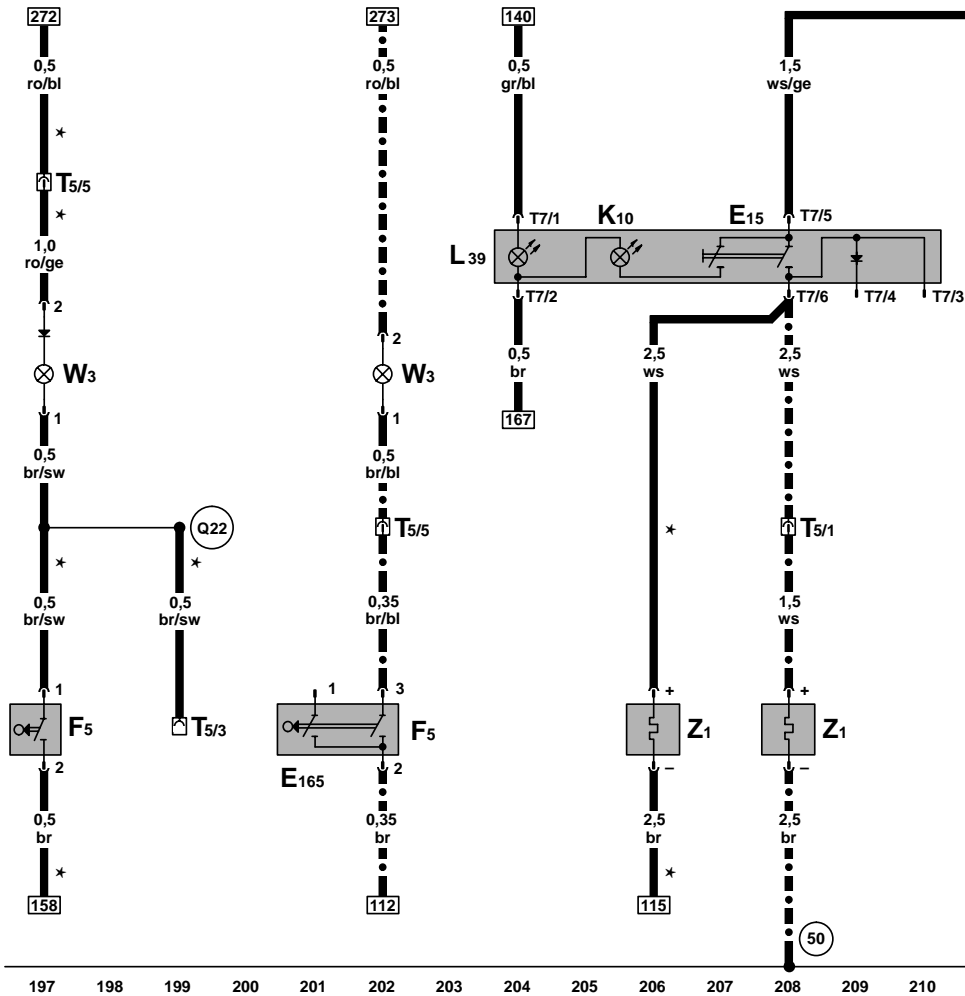
ws = white  
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Switch for heated rear window, heated rear window, luggage compartment lighting

- E15 - Heated rear window switch
- E165 - Tailgate/boot lid release switch
- F5 - Luggage compartment light switch
- K10 - Heated rear window warning lamp
- L39 - Heated rear window switch bulb
- T5 - 5-pin connector, black, left C-pillar coupling station
- T7 - 7-pin connector
- W3 - Luggage compartment light \*\*
- Z1 - Heated rear window

- (50) - Earth point, on left luggage compartment
- (Q22) - Connection -1-, in tailgate/boot lid wiring harness

- \* - Only on Bora
- .-.- Only on Golf
- \*\* - See convenience system also/ central locking

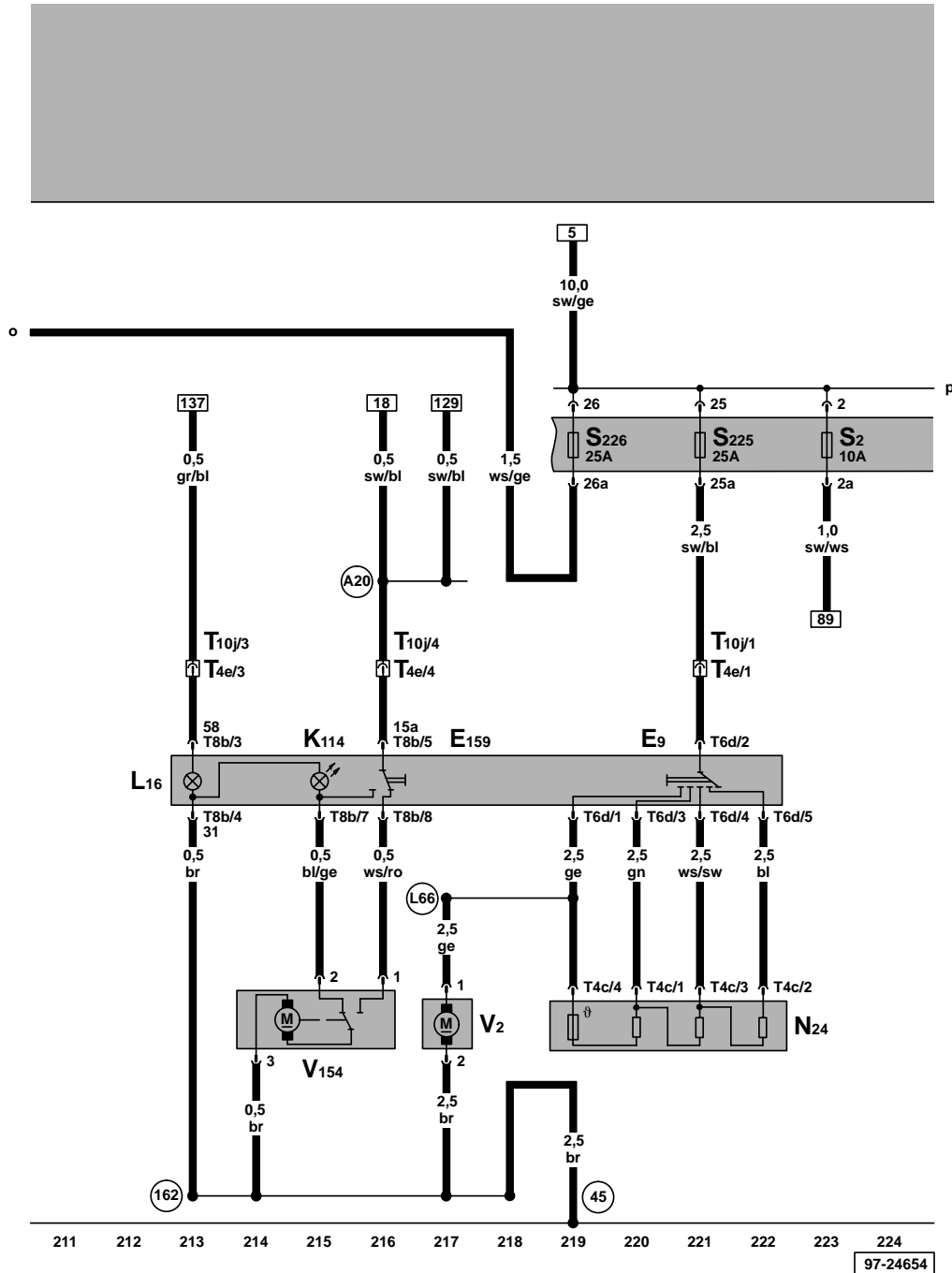


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Fresh air blower switch , fresh air/air recirculation flap switch, fresh air blower, fresh air/air recirculation flap positioning motor

- E9 - Fresh air blower switch
  - E159 - Fresh air and air recirculation switch
  - K114 - Fresh air/air recirculation warning lamp
  - L16 - Fresh air controls light bulb
  - N24 - Fresh air blower with overheating fuse series resistor
  - S2 - Fuse in relay plate fuse box
  - S225 - Fuse in fuse holder
  - S226 - Fuse in fuse holder
  - T4c - 4-pin connector
  - T4e - 4-pin connector, behind centre of dash panel (vehicles not fitted with air conditioner)
  - T6d - 6-pin connector
  - T8b - 8-pin connector
  - T10j - 10-pin connector, behind centre of dash panel (vehicles fitted with air conditioner)
  - V2 - Fresh air blower
  - V154 - Fresh/recirculating air flap positioning motor
- (45) - Earth point, behind dash panel - centre
  - (162) - Earth connection, in blower motor wiring harness
  - (A20) - Connection (15a), in dash panel wiring harness
  - (L66) - Connection, in heater blower wiring harness

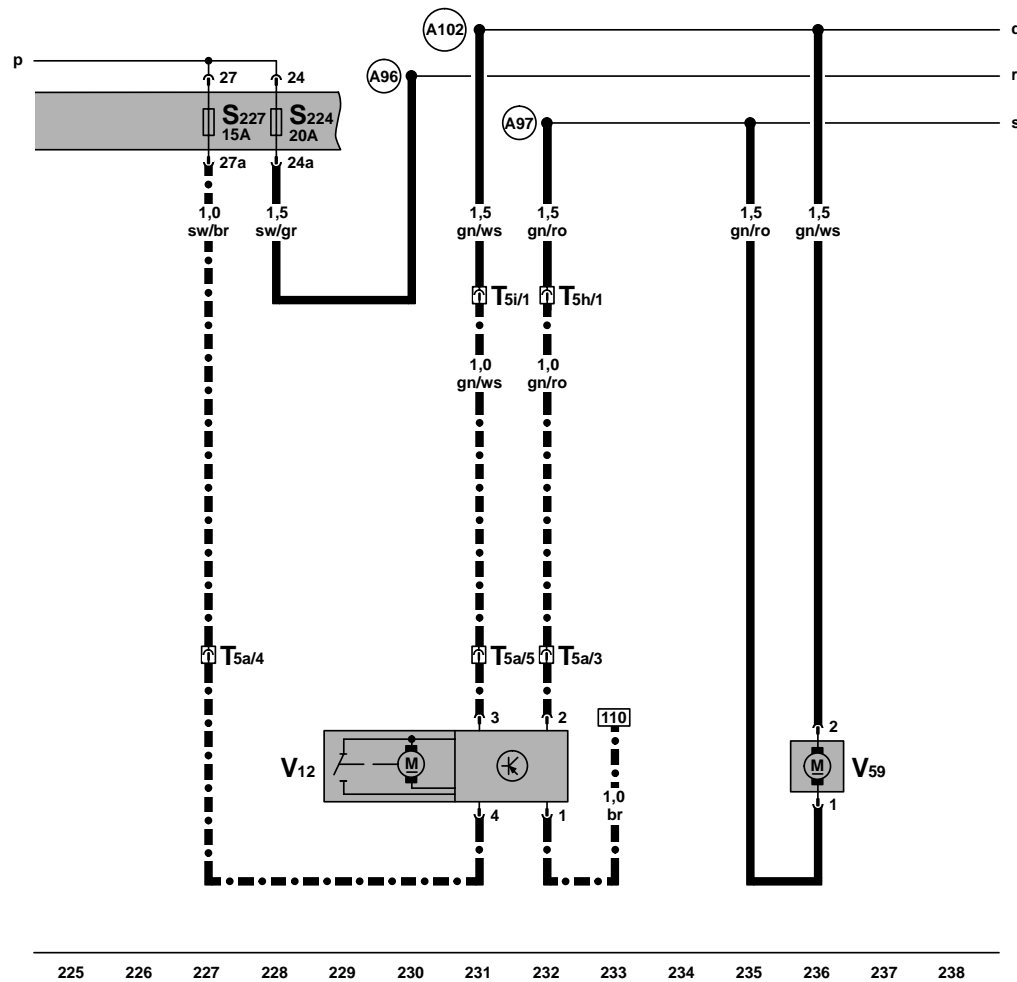


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**Motor for rear window wiper, windscreen and rear window washer pump**

- S240 – Fuse in fuse holder
- S227 – Fuse in fuse holder
- T5a – 5-pin connector, pink, left C-pillar coupling station
- T5h – 5-pin connector, near lower left A-pillar, woven into wiring harness
- T5i – 5-pin connector, near lower left A-pillar, woven into wiring harness
- V12 – Rear window wiper motor
- V59 – Windscreen and rear window washer pump

- (A96) – Connection (53a), in dash panel wiring harness
- (A97) – Connection (53), in dash panel wiring harness
- (A102) – Connection (windscreen wiper), in dash panel wiring harness
- Only on Golf



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 gr = grey  
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225 226 227 228 229 230 231 232 233 234 235 236 237 238

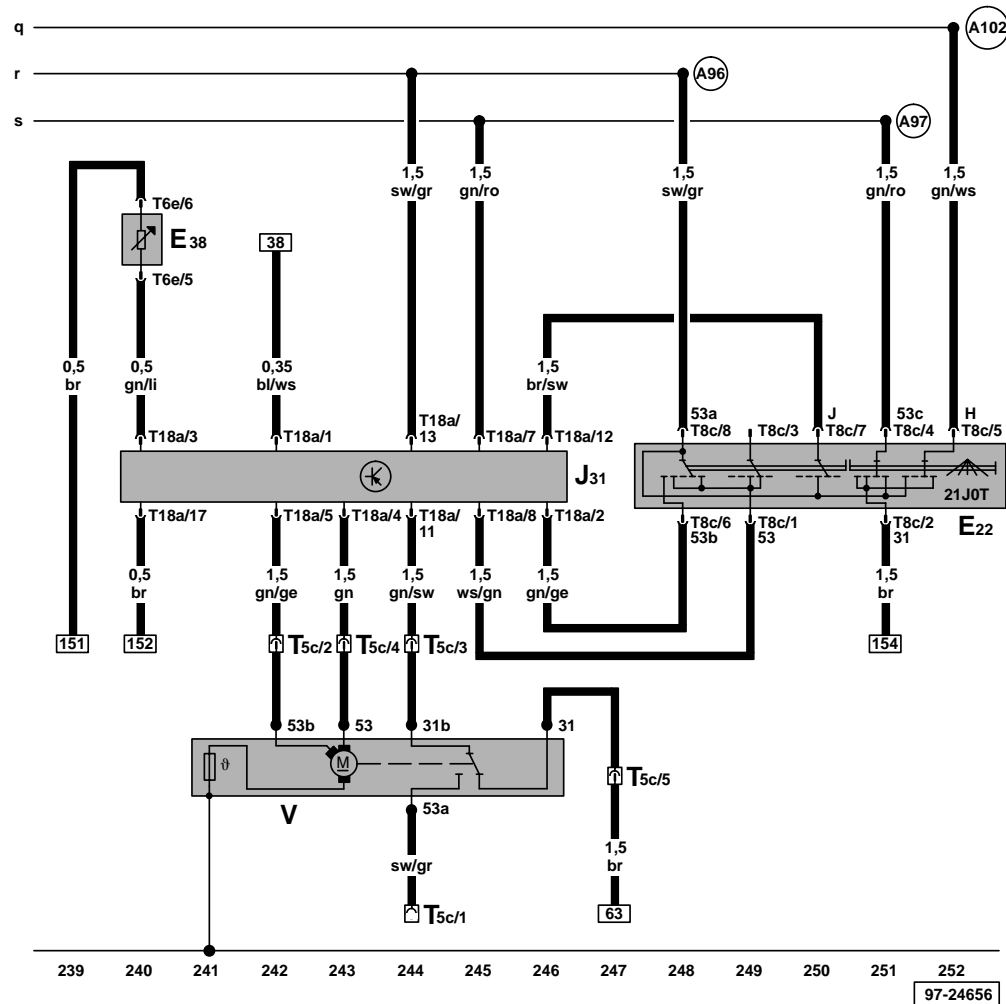
97-26393

Switch intermittent wiper operation, windscreen wiper motor, relay for intermittent wiper operation



- E22 - Intermittent wiper switch
- E38 - Intermittent wiper control
- J31 - Automatic intermittent wash/wipe relay, on the relay plate
- T5c - 5-pin connector, on wiper motor
- T6e - 6-pin connector
- T8c - 8-pin connector
- T18a - 18-pin connector
- V - Windscreen wiper motor

- (A96) - Connection (53a), in dash panel wiring harness
- (A97) - Connection (53), in dash panel wiring harness
- (A102) - Connection (windscreen wiper), in dash panel wiring harness

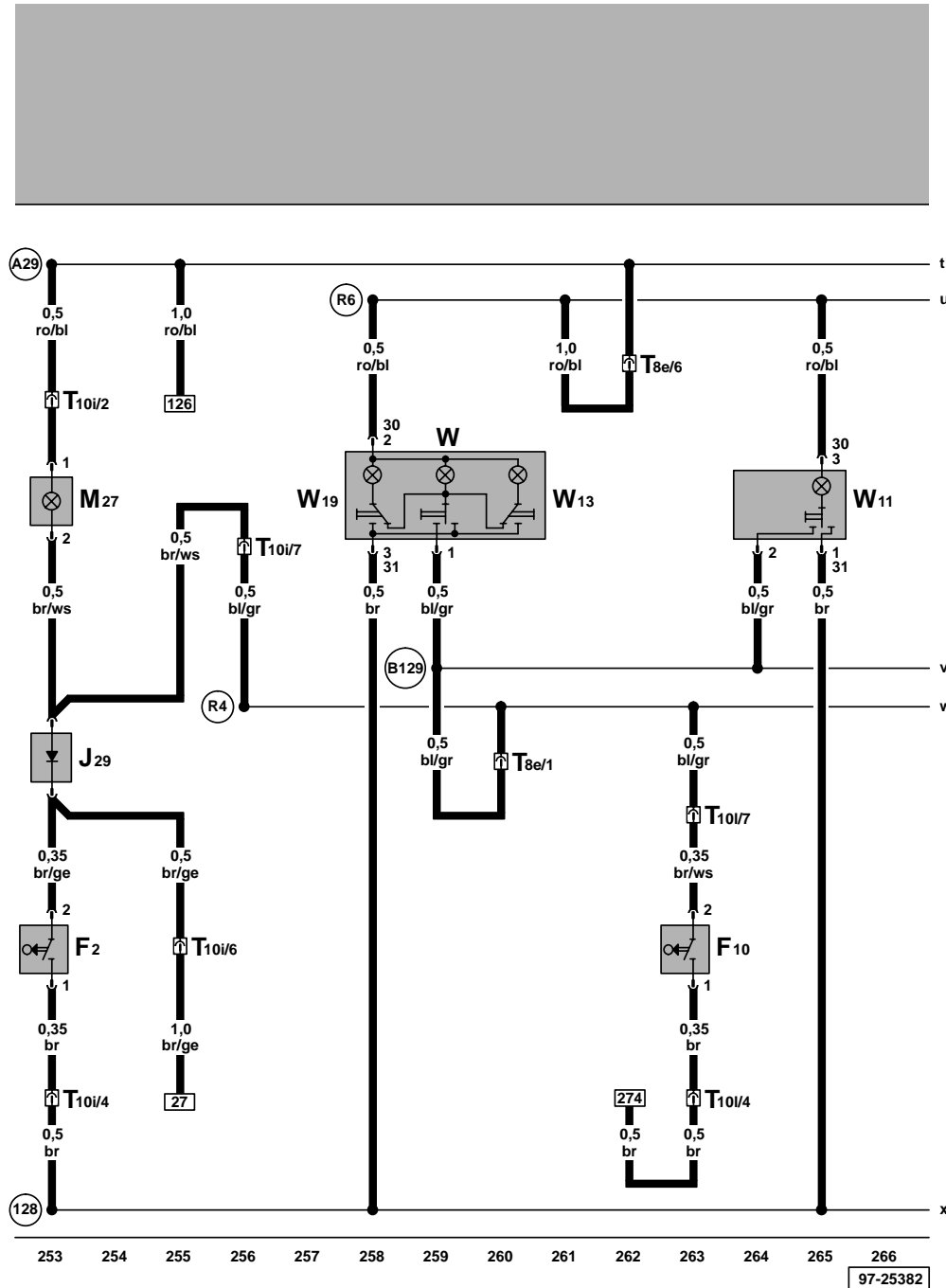


- ws = white
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- ge = yellow

Front interior light, rear left reading light, left door warning lamp

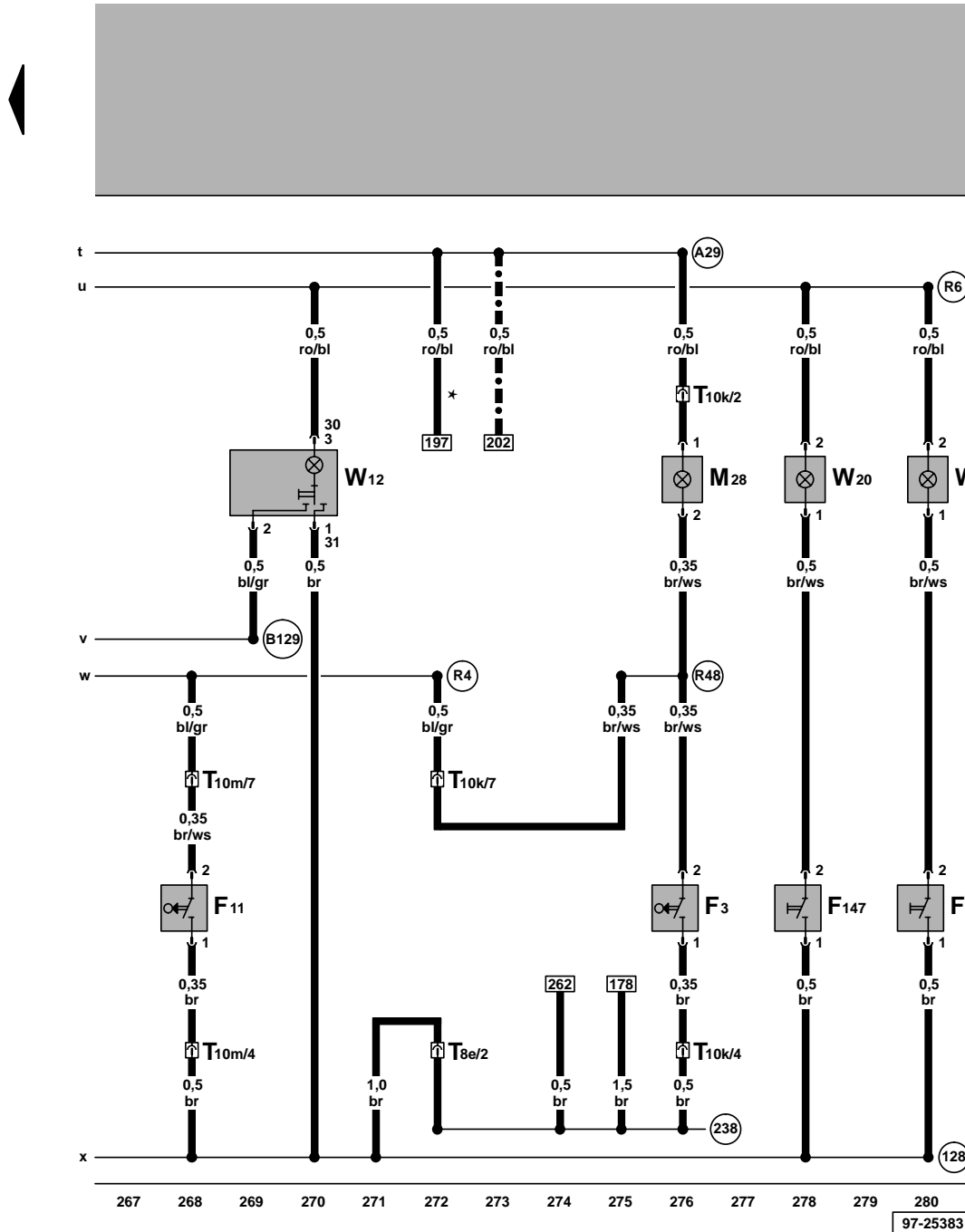
- F2 - Door contact switch, driver side
- F10 - Rear left door contact switch
- J29 - Diode
- M27 - Door warning lamp, left
- T8e - 8-pin connector, on left behind dash panel
- T10i - 10-pin connector, black, left A-pillar coupling station
- T10l - 10-pin connector, black, left B-pillar coupling station
- W - Interior light, front
- W11 - Reading lamp, rear left
- W13 - Front passenger reading lamp
- W19 - Reading lamp, drivers side

- (128) - Earth connection -1-, in interior light wiring harness
- (A29) - Connection (interior light), in dash panel wiring harness
- (B129) - Connection (interior light, 31L), in interior wiring harness
- (R4) - Connection -1-, in interior light/door contact switch wiring harness
- (R6) - Positive connection -1-, in interior light wiring harness



ws = white  
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 ro = red  
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 bl = blue  
 gr = grey  
 li = lilac  
 ge = yellow

Rear right reading light, right door warning light, illuminated make-up mirror



- F3 - Door contact switch, front passenger's side
- F11 - Rear right door contact switch
- F147 - Vanity mirror contact switch, driver's side
- F148 - Vanity mirror contact switch, front passenger's side
- M28 - Door warning lamp, right
- T8e - 8-pin connector, on left behind dash panel
- T10k - 10-pin connector, black, right A-pillar coupling station
- T10m- 10-pin connector, black, right B-pillar coupling station
- W12 - Reading lamp, rear right
- W14 - Illuminated vanity mirror, front passenger's side
- W20 - Illuminated vanity mirror, driver's side

- (128) - Earth connection -1-, in interior light wiring harness
- (238) - Earth connection -1-, in interior wiring harness
- (A29) - Connection (interior light), in dash panel wiring harness
- (B129) - Connection (interior light, 31L), in interior wiring harness
- (R4) - Connection -1-, in interior light/door contact switch wiring harness
- (R6) - Positive connection -1-, in interior light wiring harness
- (R48) - Connection (87a), in front passenger's door wiring harness

- \* - Only on Bora
- - Only on Golf

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