

Comfort System, with Alarm System,

from May 2003

Note:

Informations for

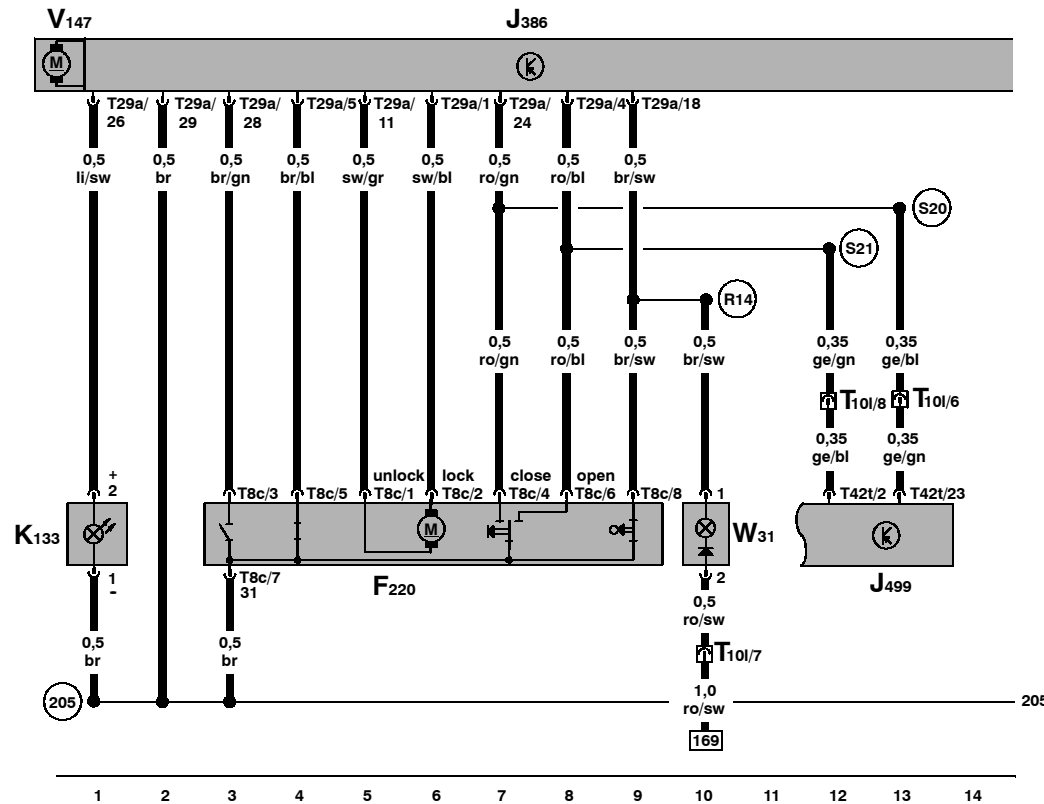
- ◆ *Relay and fuse arrangement*
 - ◆ *Connector arrangement*
 - ◆ *Control units and relays*
 - ◆ *Ground connections*
- ⇒ *Component Locations!*



Lock unit for central locking, Door control module, driver side, Telematic Control Module, Warning light for central locking -SAFE-

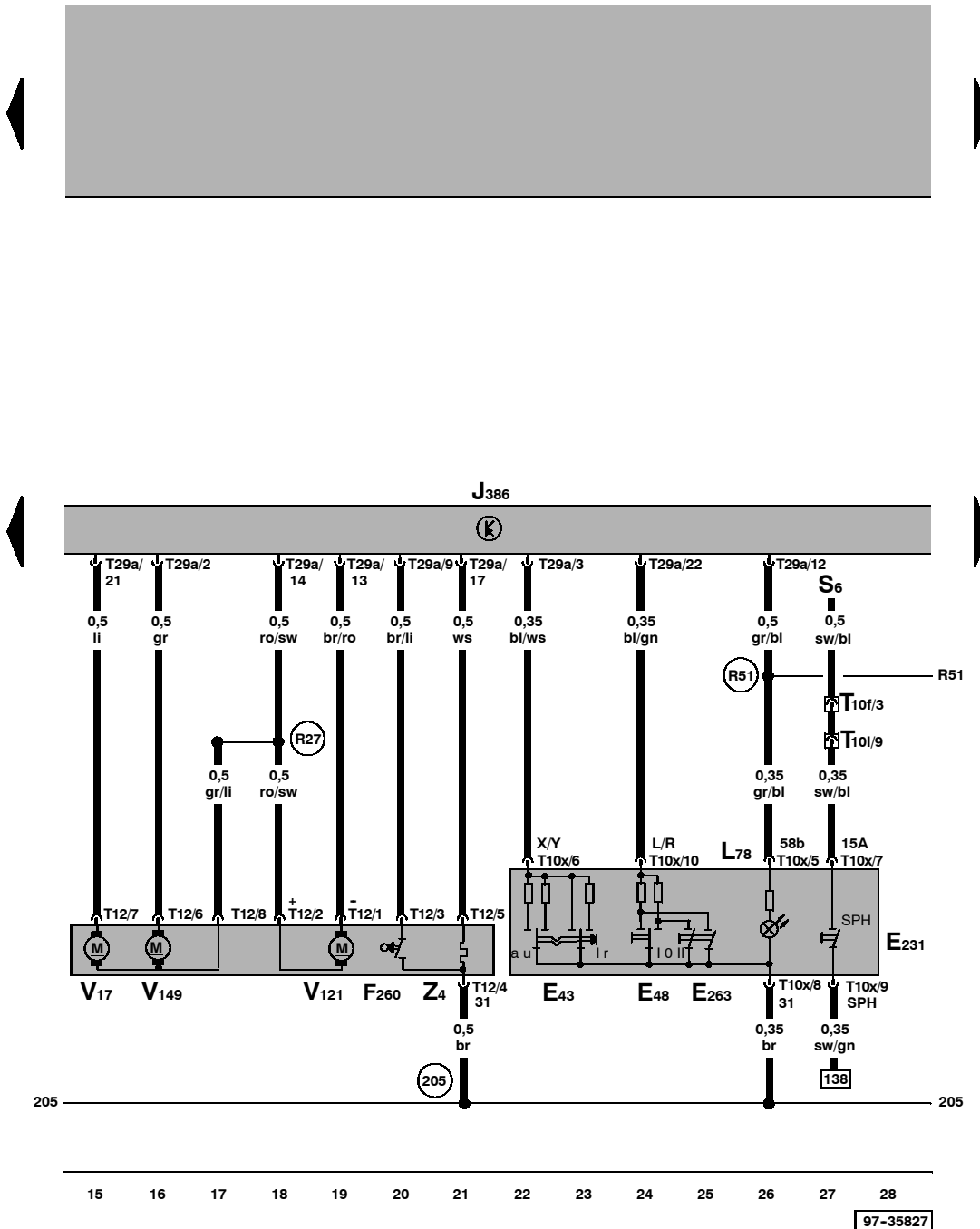
- F220 - Lock unit for central locking, driver side
- J386 - Door control module, driver side
- J499 - Telematic Control Module, below spare tire
- K133 - Warning light for central locking -SAFE-
- T8c - 8-Pin Connector, black, on lock unit for centrallocking, driver side
- T10l - 10-Pin Connector, black, connector station A-pillar, left
- T29a - 29-Pin Connector
- T42t - 42-Pin Connector
- V147 - Motor for window regulator, driver side
- W31 - Entry light front, left

- (205) - Ground connection, in driver's door wiring harness
- (R14) - wire connection -1- (open), in driver's door wiring harness
- (S20) - Connector -4- in wiring harness central locking
- (S21) - Connector -5- in wiring harness central locking



- ws = white
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Door control module, driver side, Heated outside mirror, driver side, Mirror Adjustment and Selector Switch

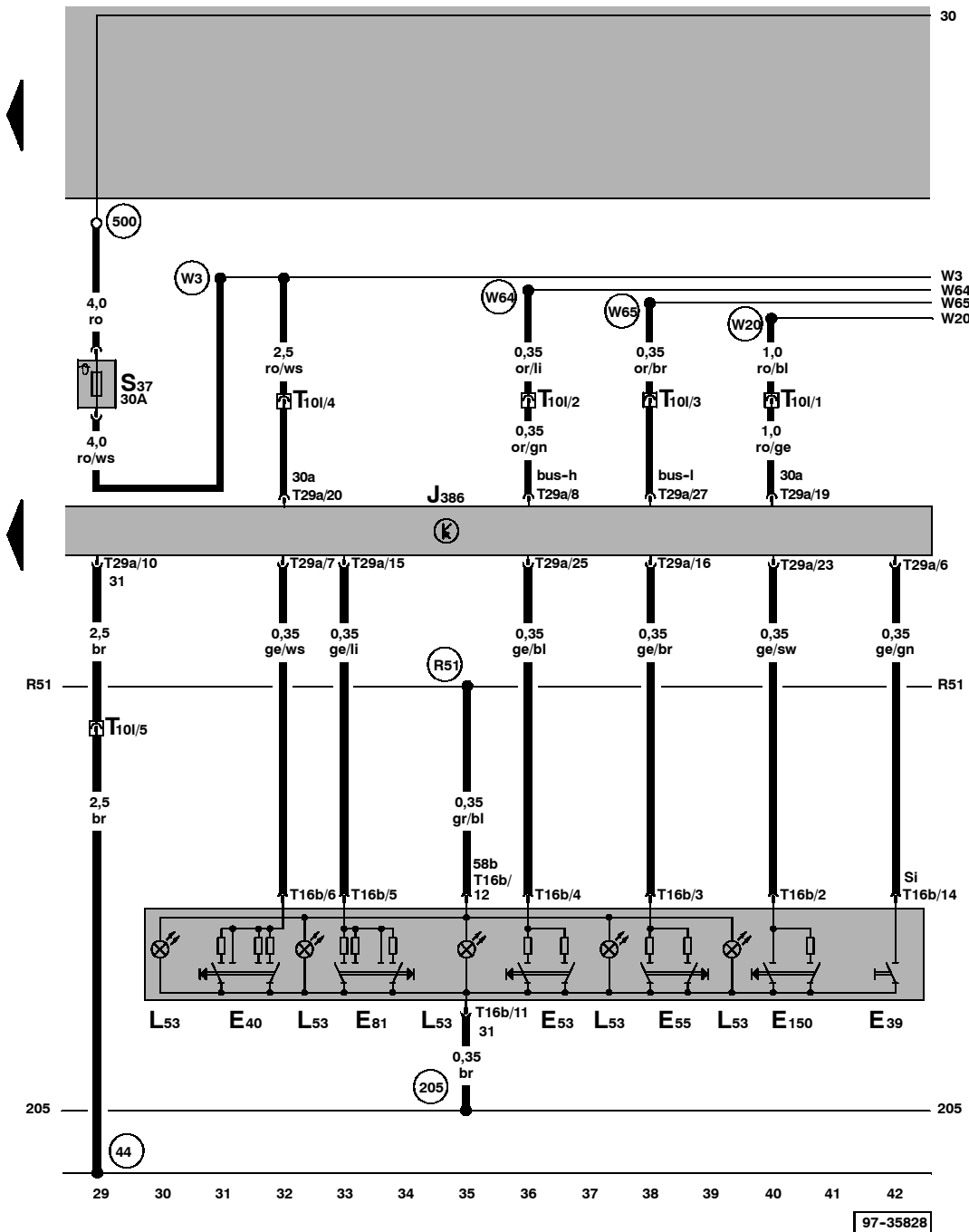


- E43 - Mirror Adjustment Switch
- E48 - Mirror Selector Switch
- E231 - Switch for outside mirror heating
- E263 - Mirror Folding Switch
- F260 - Driver's Folding Mirror Contact Switch
- J386 - Door control module, driver side
- L78 - Mirror Adjusting Switch Light
- S6 - Fuse
- T10f - 10-Pin Connector, blue, connector station A-pillar, left
- T10l - 10-Pin Connector, black, connector station A-pillar, left
- T10x - 10-Pin Connector, black
- T12 - 12-Pin Connector, black
- T29a - 29-Pin Connector
- V17 - Driver's Side Mirror Adjustment Motor
- V121 - Motor for fold-in mirror, driver side
- V149 - Motor for mirror adjustment, driver side
- Z4 - Heated outside mirror, driver side

- (205) - Ground connection, in driver's door wiring harness
- (R27) - wire connection (power mirror), in driver's door wiring harness
- (R51) - Connection (58b) (driver's side door wiring harness)

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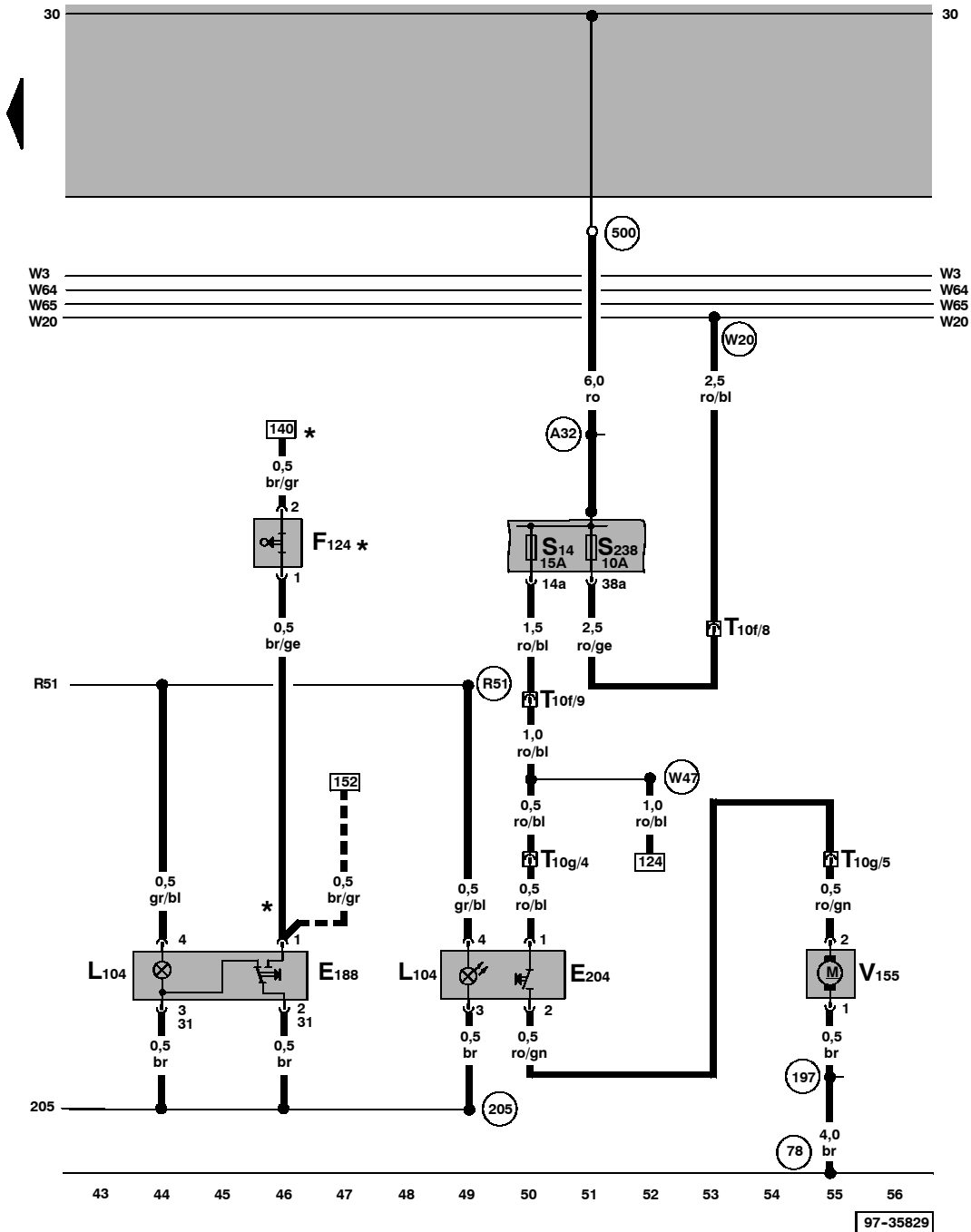
Door control module, driver side, Switch for window regulator in driver's door, Switch for interior lock



- E39 - Safety switch for window regulator rear
 - E40 - Switch for window regulator front left
 - E53 - Switch for window regulator rear left, driver
 - E55 - Switch for window regulator rear right, driver
 - E81 - Switch for window regulator front right, driver
 - E150 - Switch for interior lock, driver side
 - J386 - Door control module, driver side
 - L53 - Power Window Switch Light
 - S37 - Power Window Fuse
 - T101 - 10-pin connector, black, connector station A-pillar left
 - T16b - 16-pin connector, brown
 - T29a - 29-pin connector
- (44) - Ground connection, on left A-pillar, lower part
 - (205) - Ground connection, in driver's door wiring harness
 - (500) - Threaded connection -1- (30), on relay plate
 - (R51) - Connection (58d) (driver's side door wiring harness)
 - (W3) - wire connection, in rear wiring harness
 - (W20) - Plus connector (30a), in wiring harness, rear
 - (W64) - CAN-Bus High Connection - Convenience (in floor wiring harness)
 - (W65) - CAN-Bus Low Connection - Convenience (in floor wiring harness)

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Switch for remote unlock and fuel tank door, Trunk Lock Alarm/Central Locking Switch, Illumination for switch remote unlock, Motor for fuel tank lid unlock



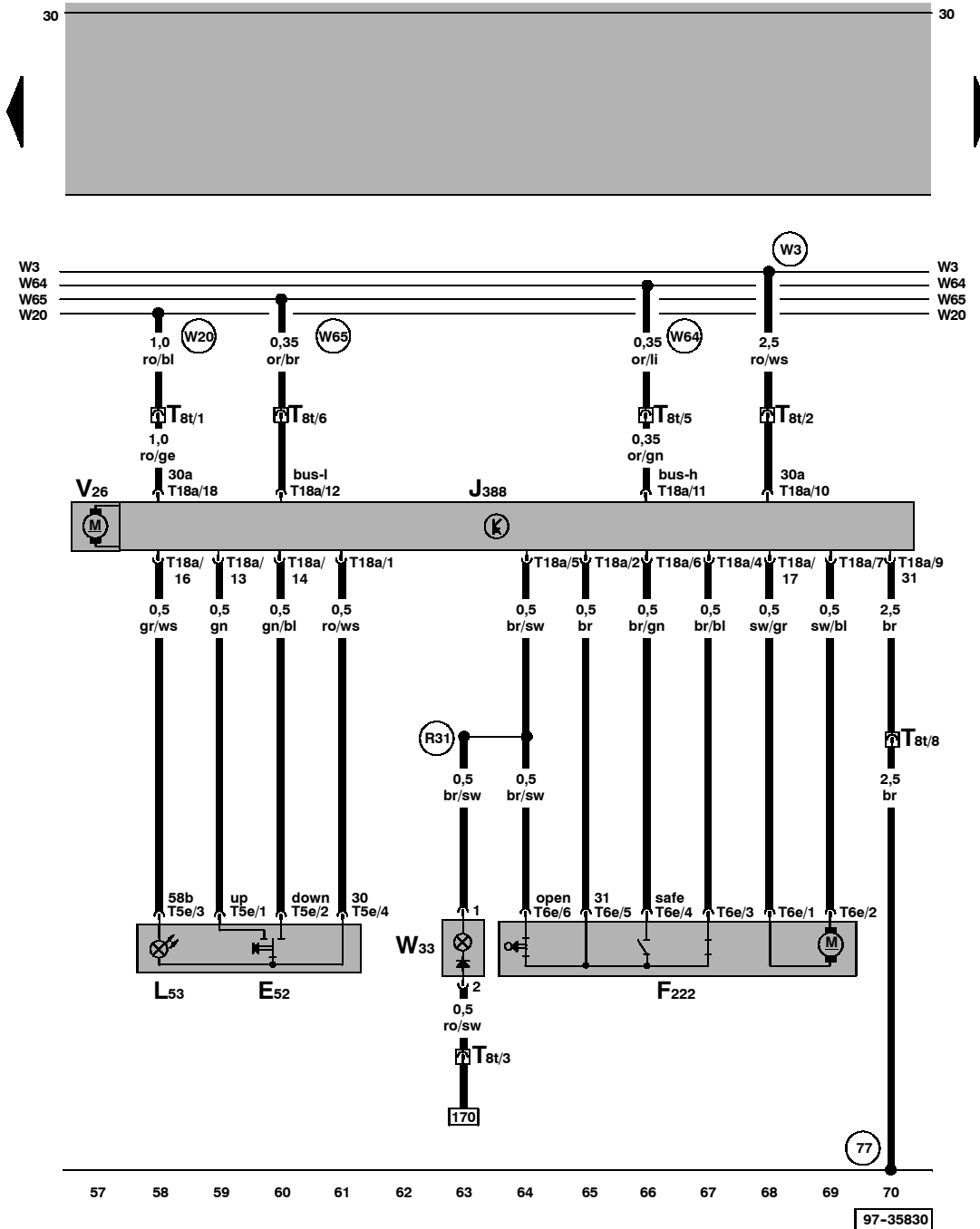
- E188 - Switch for remote unlock, rear lid
- E204 - Switch for remote/fuel tank door
- F124 - Trunk Lock/Alarm/Central Locking Switch
- L104 - Remote Unlock Switch Illumination
- S14 - Fuse
- S238 - Fuse in fuse holder
- T10f - 10-Pin Connector, blue, connector station A-pillar, left
- T10g - 10-Pin Connector, grey
- V155 - Motor for fuel tank lid unlock

- (78) - Ground Connection (lower right B-pillar)
- (197) - Ground connection -4-, in wiring harness rear
- (205) - Ground connection, in driver's door wiring harness
- (500) - Threaded connection -1- (30) on the relay plate
- (A32) - plus connection (30), in instrument panel wiring harness
- (R51) - Connection (58d) (driver's side door wiring harness)
- (W20) - Plus-Connector (30a) in wiring harness, rear
- (W47) - Plus-Connection -2- (30a), in wiring harness floor

- * - sedan only
- - - - wagon only

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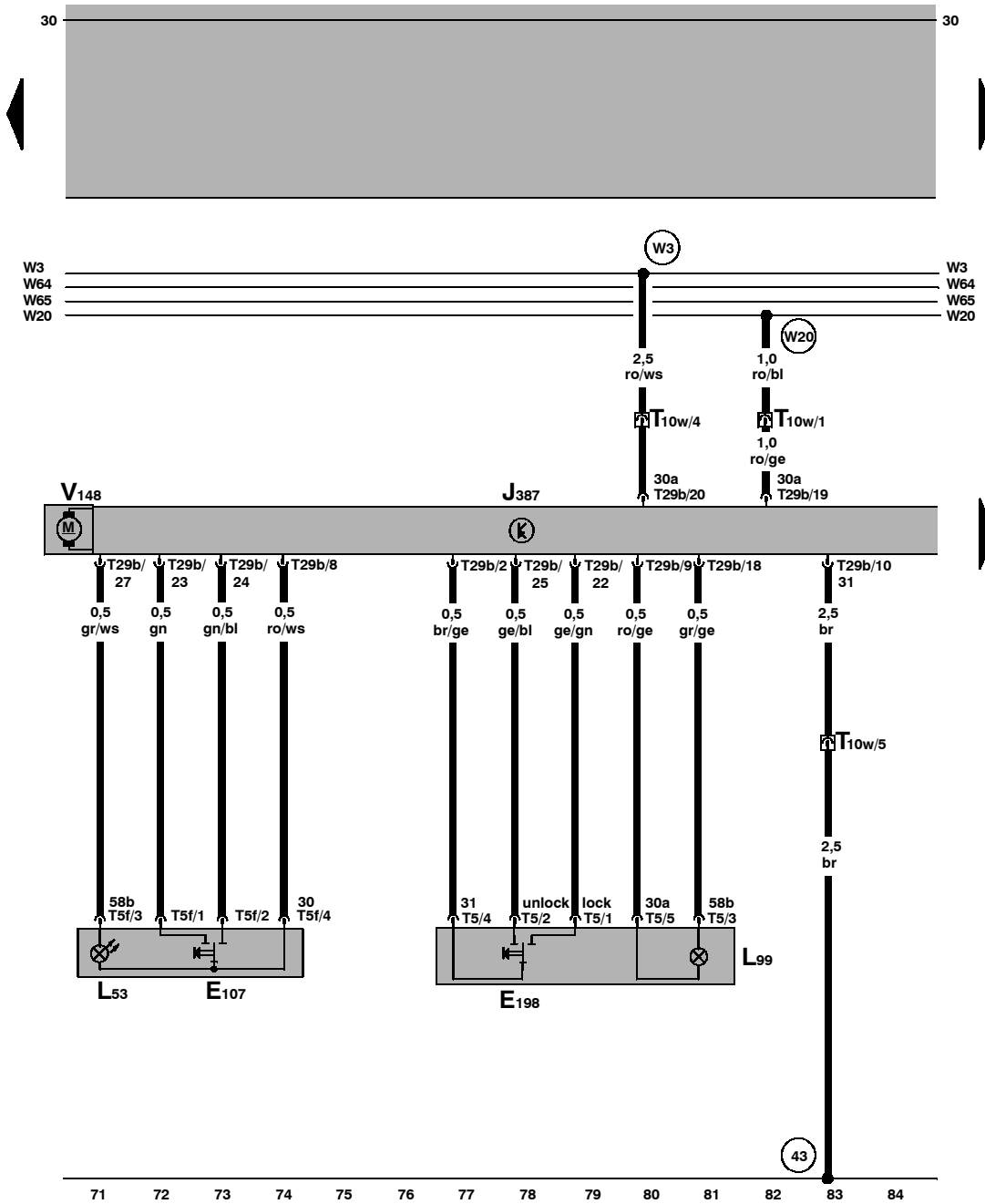
Door control module, rear, left, Power Window Switch Light, Left Rear Window Switch, Entry light rear, left, Lock unit for central locking, rear, left



- E52 - Left Rear Window Switch, (In LR Door)
 - F222 - Lock unit for central locking, rear, left
 - J388 - Door control module, rear, left
 - L53 - Power Window Switch Light
 - T5e - 5-Pin Connector, black
 - T6e - 6-Pin Connector, black
 - T8t - 8-Pin Connector, black, connector station B-pillar, left
 - T18a - 18-Pin Connector, on Door control module, rear, left
 - V26 - Motor for window regulator, rear, left
 - W33 - Entry light rear, left
- (77) - Ground connection (lower left B-pillar)
 - (R31) - Wire connection -1-, in left rear door wiring harness
 - (W3) - wire connection, in rear wiring harness
 - (W20) - Plus connector (30a), in wiring harness, rear
 - (W64) - CAN-Bus High Connection - Convenience (in floor wiring harness)
 - (W65) - CAN-Bus Low Connection - Convenience (in floor wiring harness)

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Door Control Module, Front Passenger's Interior Lock Switch, Lighting forswitch interior lock,

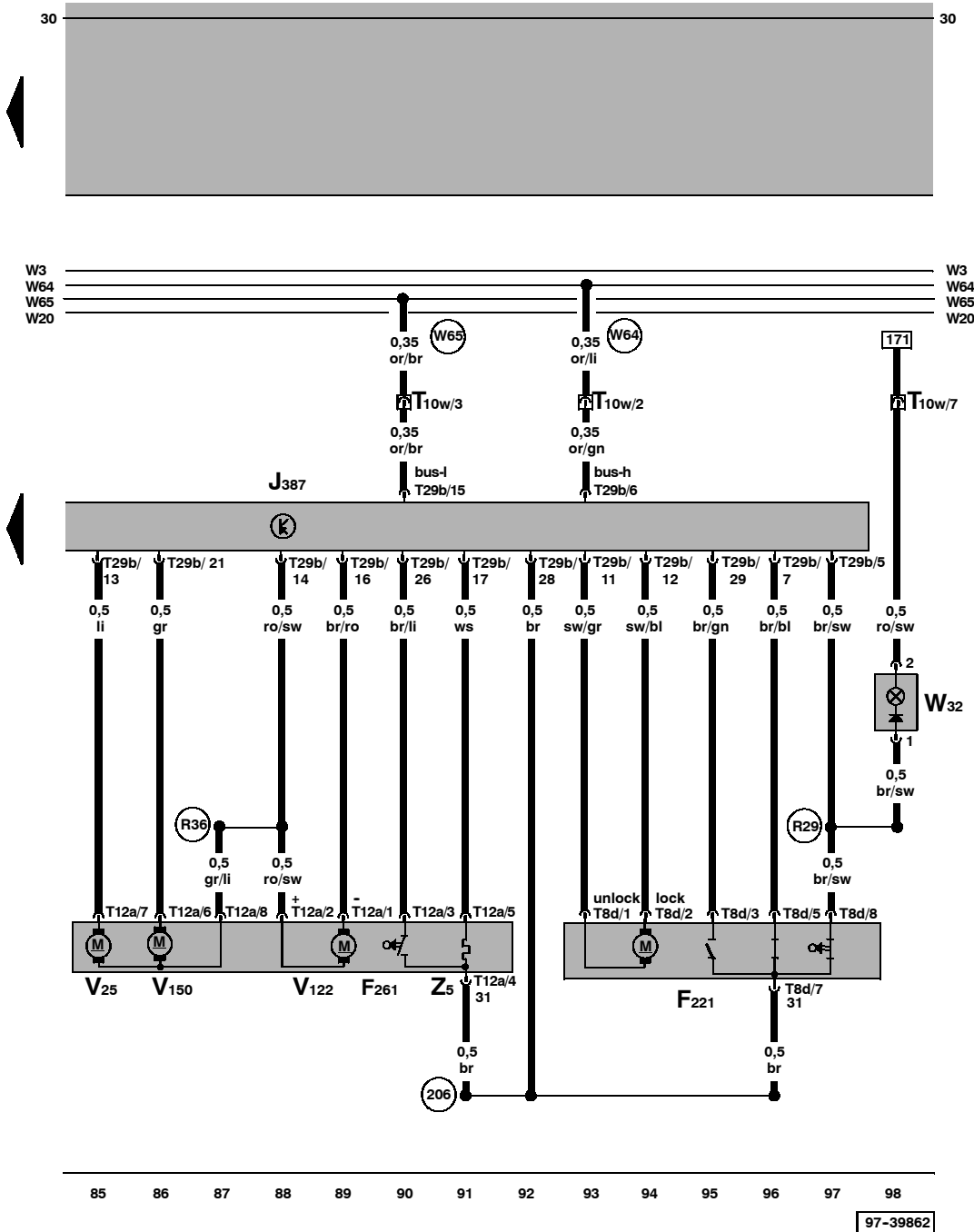


- E107 - Window Regulator Switch (in RF door)
- E198 - Front Passenger's Interior Lock Switch
- J387 - Door Control Module, passenger's side
- L53 - Power Window Switch Light
- L99 - Lighting for switch interior lock
- T5 - 5-Pin Connector
- T5f - 5-Pin Connector, black
- T10w- 10-Pin Connector, black, connector station A-pillar, right
- T29b - 29-Pin Connector
- V148 - Motor for window regulator, passenger side

- (43) - Ground connection, on right A-pillar, lower part
- (W3) - wire connection, in rear wiring harness
- (W20) - Plus connection (30a), in wiring harness, rear

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Door control module, Front Passenger's Door Central Locking Lock Unit, Heated outside mirror, passenger side, Entry light front, right

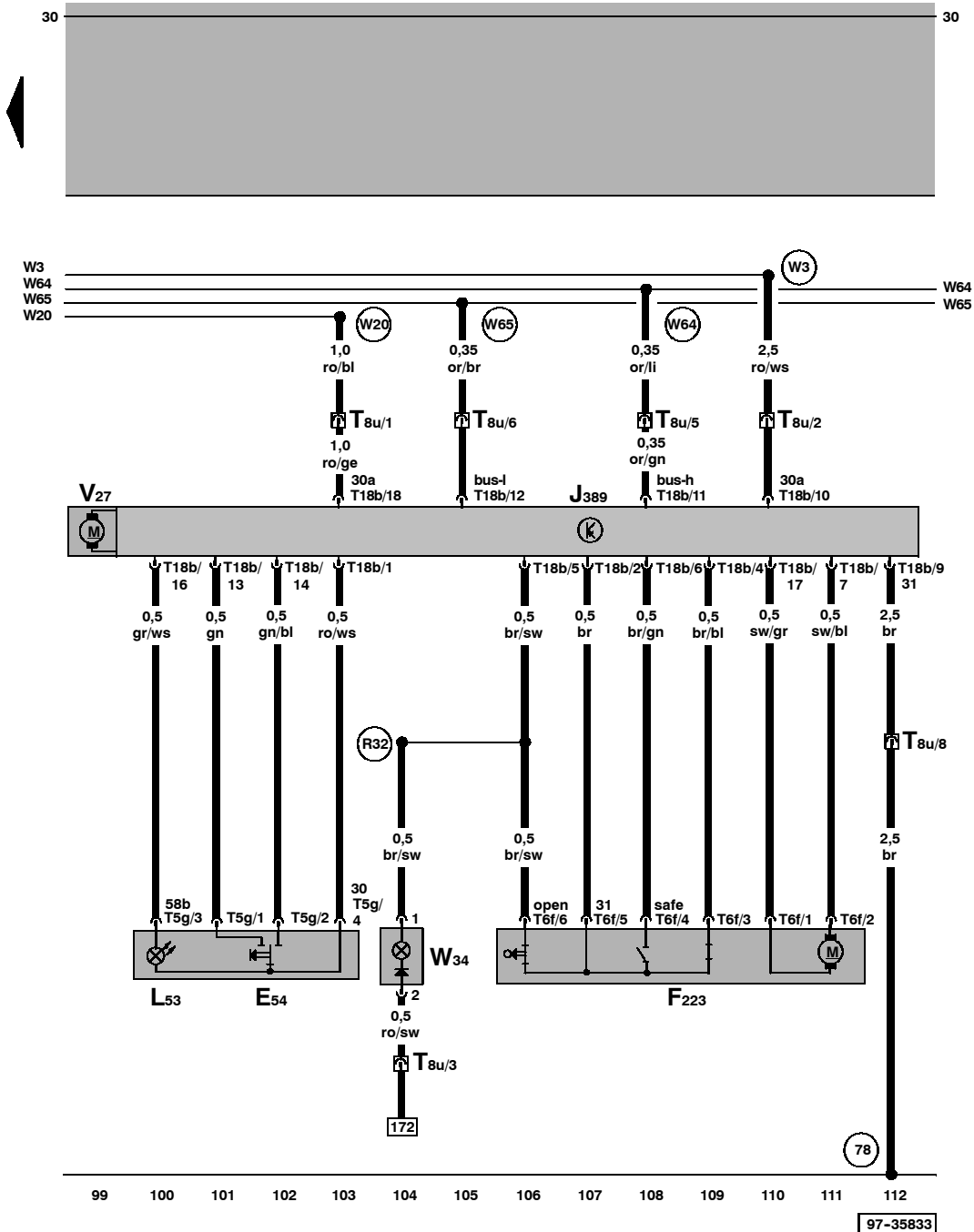


- F221 - Front Passenger's Door Central Locking Lock Unit
- F261 - Passenger's Folding Mirror Contact Switch
- J387 - Door Control Module, passenger side
- T8d - 8-Pin Connector, black
- T10w- 10-Pin Connector, black, connector station A-pillar, right
- T12a - 12-Pin Connector, black
- T29b - 29-Pin Connector, on Door control module, passenger side
- V25 - Passenger's Side Mirror Adjustment Motor
- V122 - Motor for fold-in mirror, passenger side
- V150 - Motor for mirror adjustment, passenger side
- W32 - Entry light front, right
- Z5 - Heated outside mirror, passenger side

- (206) - Ground connection, in passenger's door wiring harness
- (R29) - Wire connection -1- (open), in passenger's door wiring harness
- (R36) - Connection (mirror adjustment) in door wiring harness, passenger side
- (W64) - CAN-Bus High Connection - Convenience (in floor wiring harness)
- (W65) - CAN-Bus Low Connection - Convenience (in floor wiring harness)

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Door control module, Lock unit for central locking rear right, Power window Switch Light, Entry light rear, right

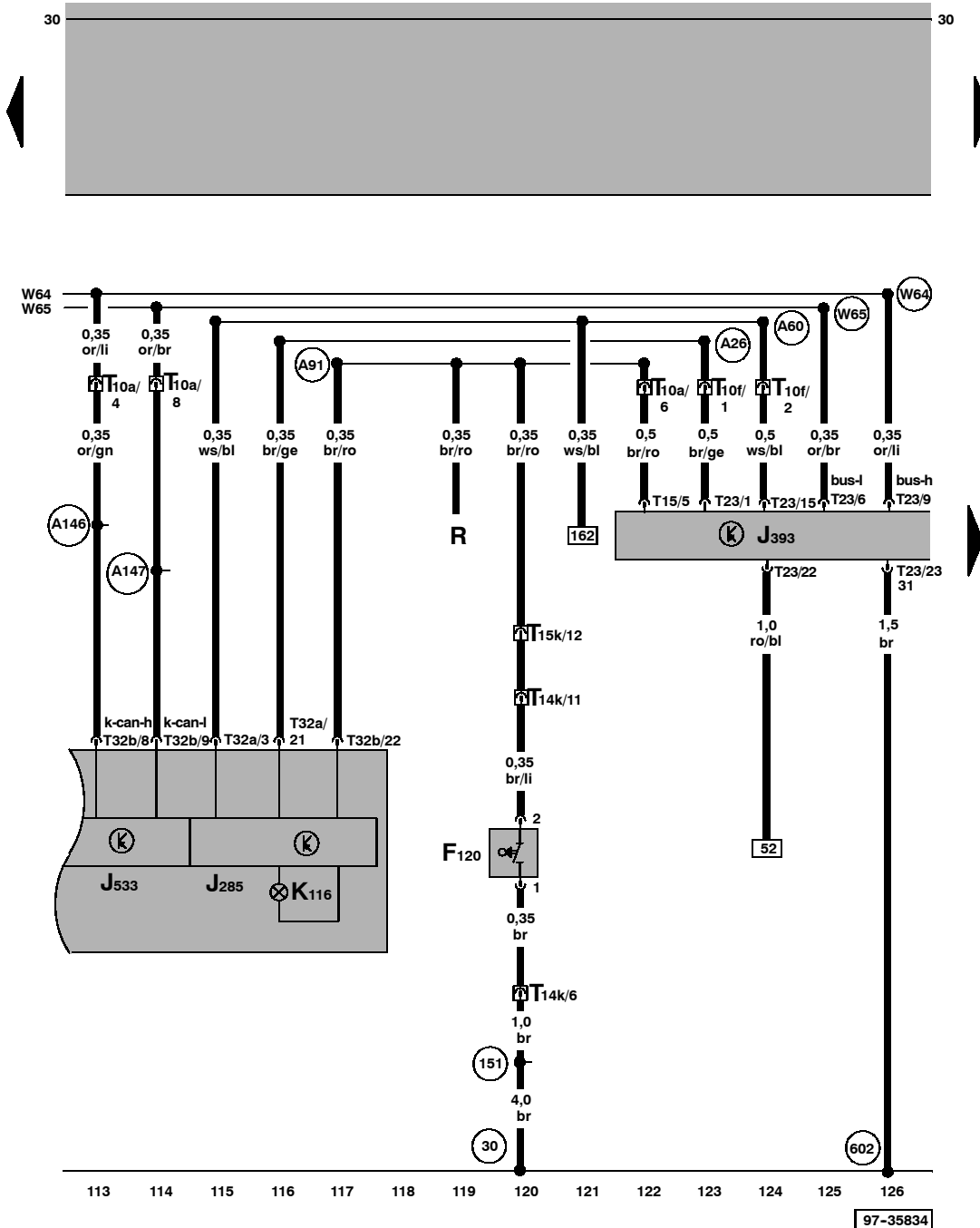


- E54 - Right Rear Window Switch, (In RR Door)
- F223 - Lock unit for central locking, rear, right
- J389 - Door control module, rear, right
- L53 - Power Window Switch Light
- T5g - 5-Pin Connector
- T6f - 6-Pin Connector
- T8u - 8-Pin Connector, brown, connector station B-pillar, right
- T18b - 18-Pin Connector
- V27 - Motor for window regulator, rear, right
- W34 - Entry light rear, right

- (78) - Ground connection (lower right B-pillar)
- (R32) - Wire connection -2-, in right rear door wiring harness
- (W3) - wire connection, in rear wiring harness
- (W20) - Plus connector (30a), in wiring harness, rear
- (W64) - CAN-Bus High Connection - Convenience (in floor wiring harness)
- (W65) - CAN-Bus Low Connection - Convenience (in floor wiring harness)

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**Central control module for comfort system,
Warning light for rear lid unlocked**

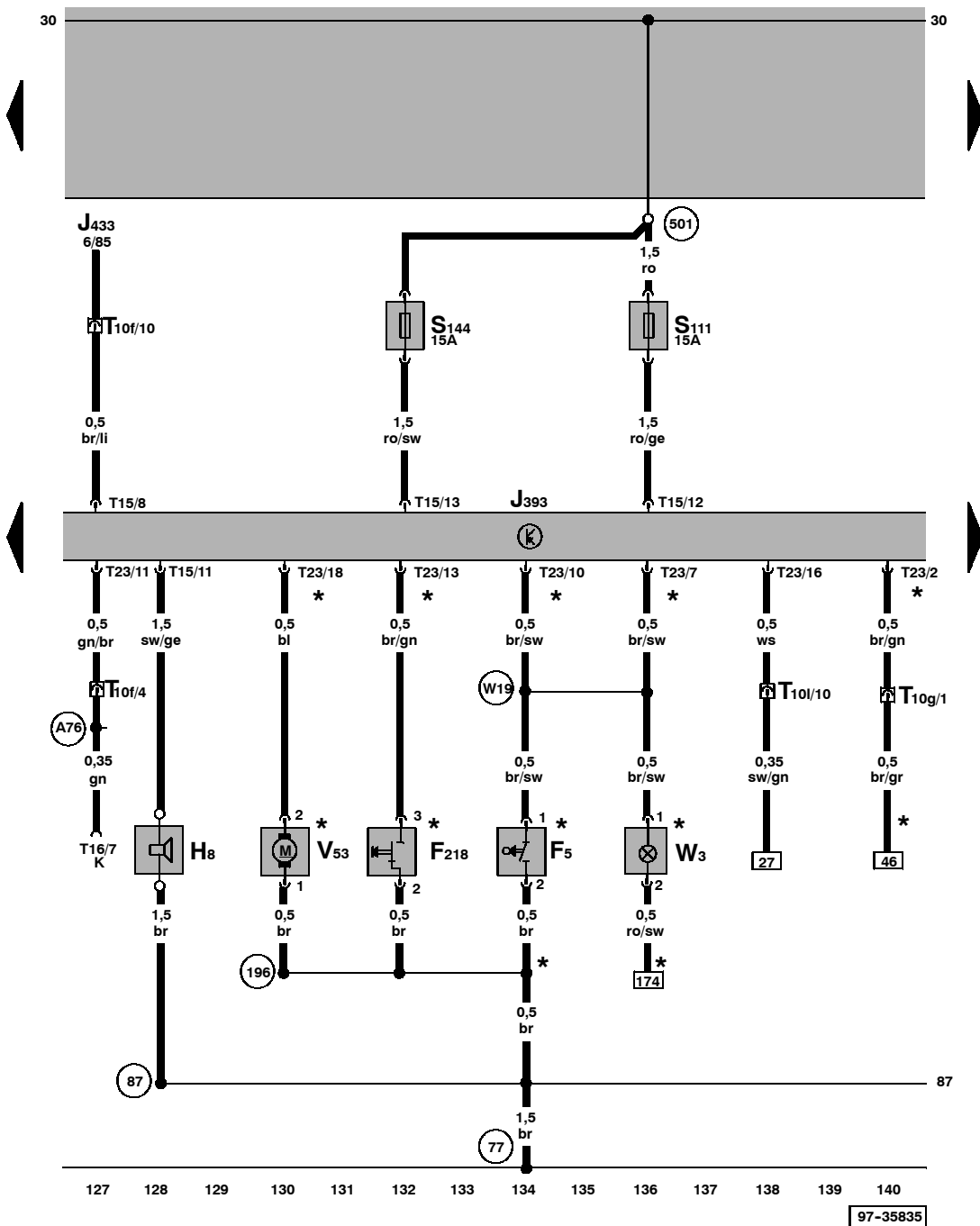


- F120 - Hood Alarm Switch
- J285 - Control module with indicator unit in instrument panel insert
- J393 - Central control module for comfort system
- J533 - Data Bus On Board Diagnostic Interface
- K116 - Warning light for rear lid unlocked
- R - Radio
- T10a - 10-Pin Connector, brown, connector station A-pillar, left
- T10f - 10-Pin Connector, blue, connector station A-pillar, left
- T14k - 14-Pin Connector
- T15 - 15-Pin Connector
- T15k - 15-Pin Connector, grey
- T23 - 23-Pin Connector
- T32a - 32-Pin Connector, blue, on instrument cluster
- T32b - 32-Pin Connector, green, on instrument cluster

- (30) - Ground connection, -1-, beside fuse/relay panel
- (151) - Ground connection -1-, in front wiring harness
- (602) - Ground Point in Floor out let front, left
- (A26) - wire connection (driver's door contact switch), in instrument panel wiring harness
- (A60) - Wire Connection (Vehicle speed signal), in instrument cluster wiring harness
- (A91) - Connector (signal for instrument panel insert), in instrument panel wiring harness
- (A146) - Comfort System High-bus Connection (in instrument panel wiring harness)
- (A147) - Comfort System Low-bus Connection (in instrument panel wiring harness)
- (W64) - CAN-Bus High Connection - Convenience (in floor wiring harness)
- (W65) - CAN-Bus Low Connection - Convenience (in floor wiring harness)

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Central control module for comfort system, Luggage Compartment Light Switch, Decklid Central Locking System Motor, Data Link Connector (DLC)



- F5 - Luggage Compartment Light Switch
- F218 - Switch for Central locking, trunk lid
- H8 - Alarm Horn
- J393 - Central control module for comfort system
- J433 - Locking relay for starter (anti-theft immobilizer)
- S111 - Alarm System and Anti-Theft Engine Disable Fuse
- S144 - Fuse for central locking/anti-theft warning system
- T10f - 10-Pin Connector, blue, connector station A-pillar, left
- T10g - 10-Pin Connector, grey
- T10l - 10-Pin Connector, black, connector station A-pillar left
- T15 - 15-Pin Connector
- T16 - 16-Pin Connector, Data Link Connector (DLC), below instrument panel, left
- T23 - 23-Pin Connector
- V53 - Decklid Central Locking System Motor
- W3 - Luggage compartment Light

- 77 - Ground connection (lower left B-pillar)
- 87 - Ground connection -2-, in rear wiring harness
- 196 - Ground connection -3-, in wiring harness, rear
- 501 - Threaded connection -2- (30), on relay plate
- A76 - Connector (K-diagnosis wire) in instrument panel wiring harness
- W19 - Connection -2- (luggage compartment light), in rear wiring harness
- * - sedan only

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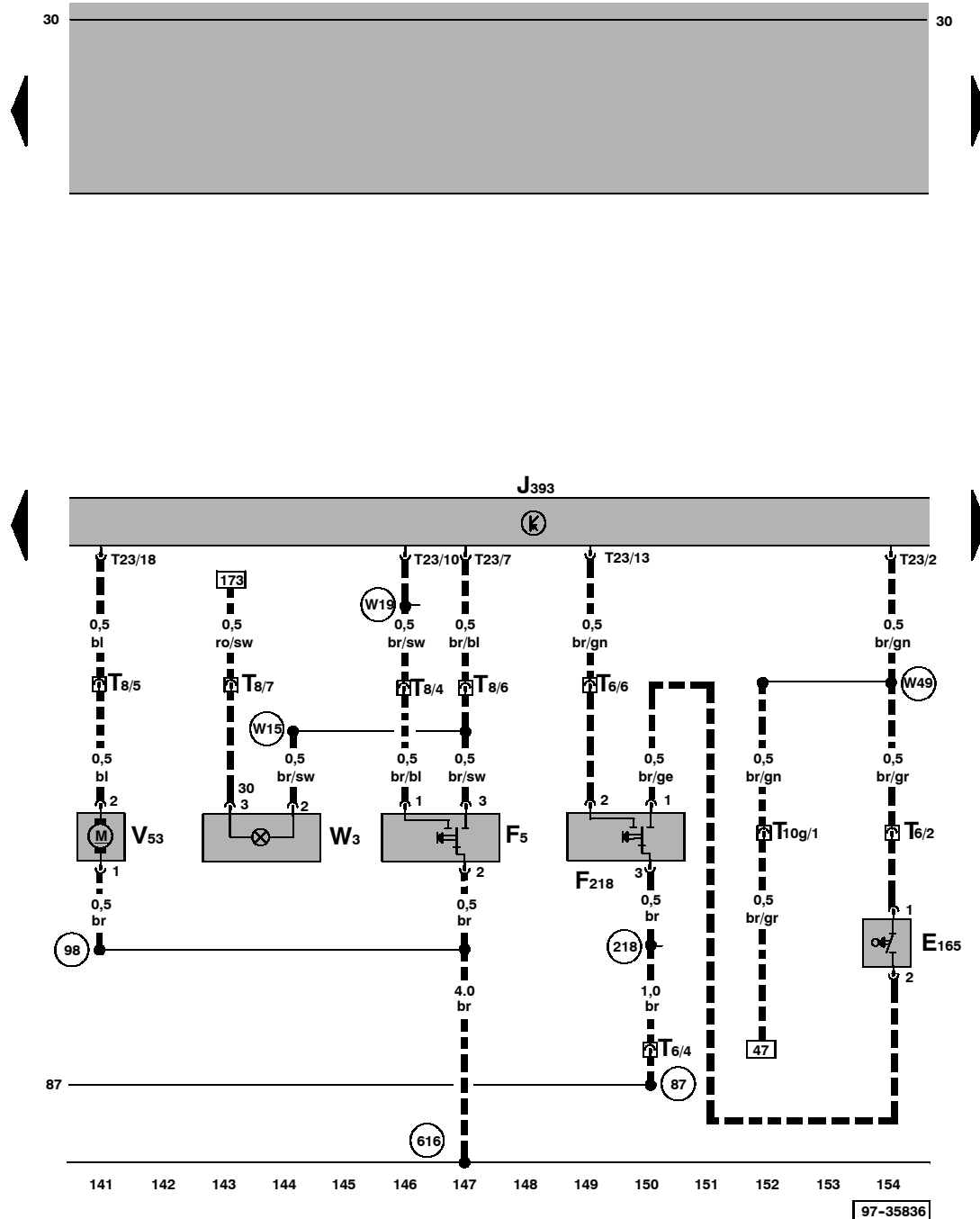
Central control module for comfort system, Luggage Compartment Light Switch, Luggage compartment light, Decklid Central Locking System Motor

- E165 - Trunk Lid Release Switch
- F5 - Luggage Compartment Light Switch
- F218 - Switch for central locking, trunk lid
- J393 - Central control module for comfort system
- T6 - 6-Pin Connector, black
- T8 - 8-Pin Connector, black, connector station D-pillar, right (wagon only)
- T10g - 10-Pin Connector, grey
- T23 - 23-Pin Connector
- V53 - Decklid Central Locking System Motor
- W3 - Luggage compartment Light

- (87) - Ground connection -2-, in rear wiring harness
- (98) - Ground connection, in rear lid wiring harness
- (218) - Ground connection -1-, in rear lid wiring harness
- (616) - Ground connection (on luggage compartment light)
- (W15) - Connection -1- (luggage compartment light), in rear wiring harness
- (W19) - Connection -2- (luggage compartment light), in rear wiring harness
- (W49) - Connection (in floor wiring harness)

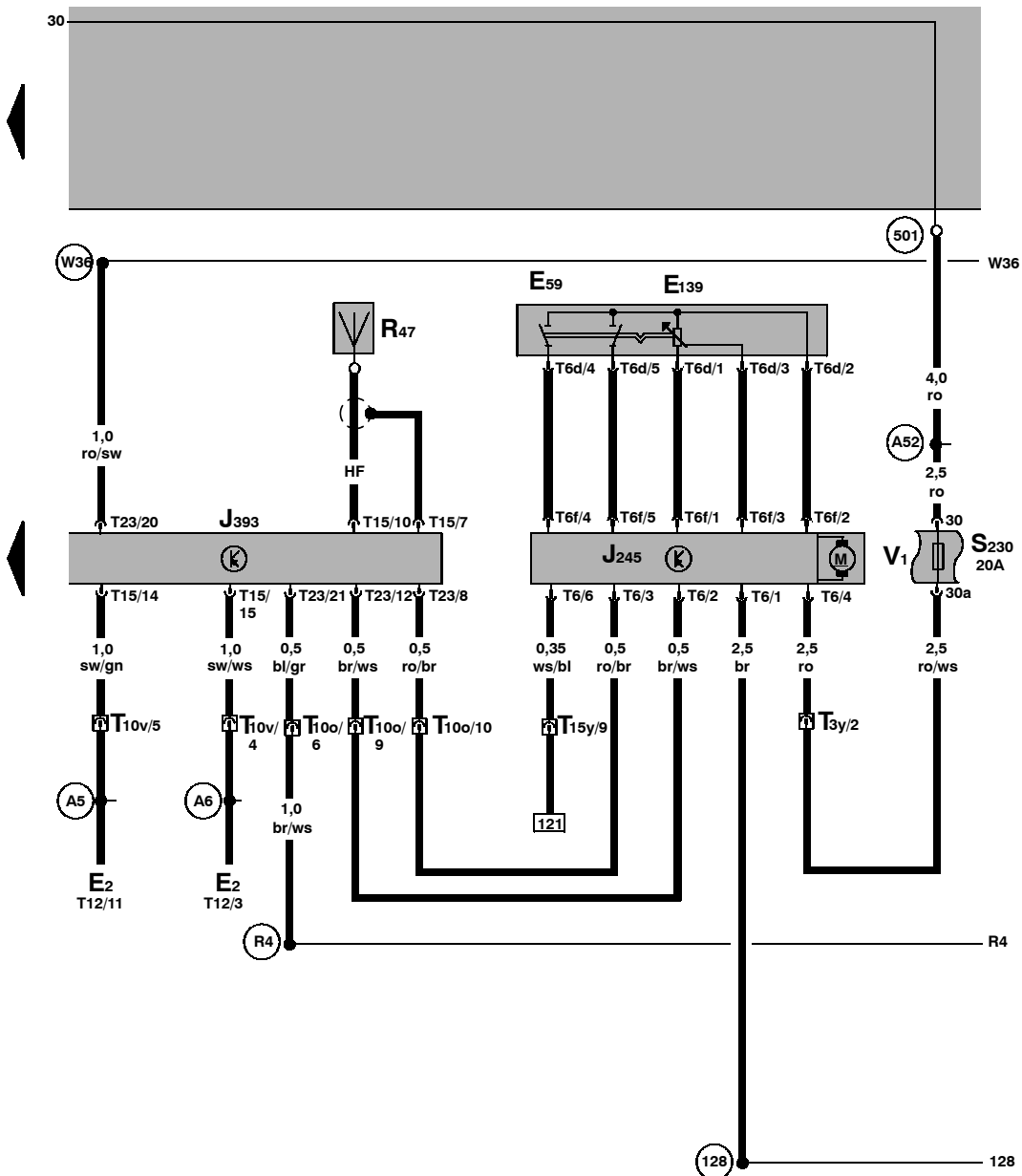
--- wagon only

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97-35836

Central control module for comfort system, Power Sunroof Control Module, Sunroof Regulator, Power Sunroof

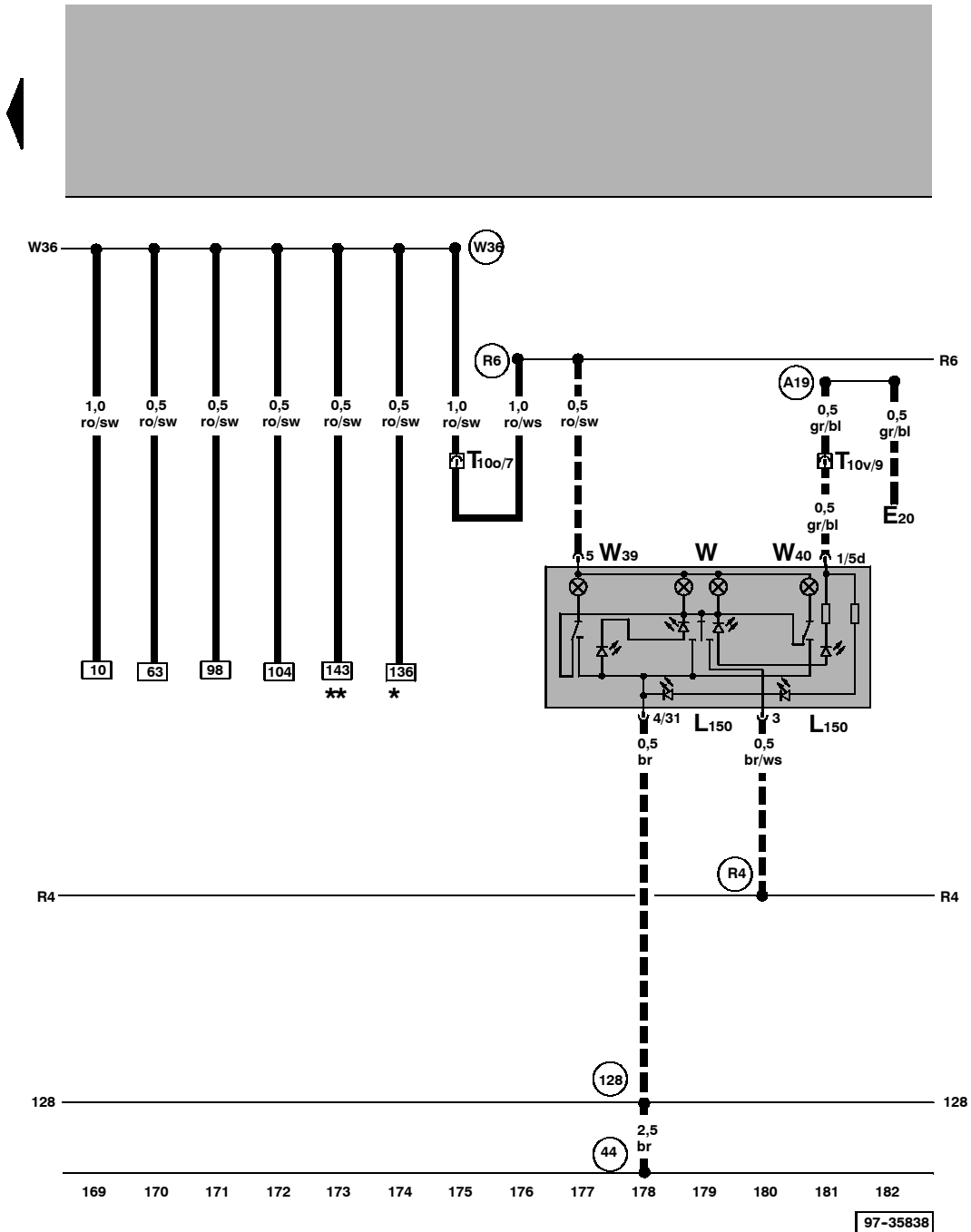


- E2 - Turn signal switch
- E59 - Raise/Lower Sunroof Switch
- E139 - Sunroof Regulator
- J245 - Power Sunroof Control Module
- J393 - Central control module for comfort system
- R47 - Central Locking and Anti-theft Alarm System Antenna, A-pillar, left
- S230 - Fuse in fuse holder
- T3y - 3-Pin Connector, green
- T6 - 6-Pin Connector, blue
- T6d - 6-Pin Connector
- T6f - 6-Pin Connector
- T10v - 10-Pin Connector, violet, connector station A-pillar, right
- T10o - 10-Pin Connector, green, connector station A-pillar, left
- T12 - 12-Pin Connector, near steering column
- T15 - 15-Pin Connector
- T15y - 15-Pin Connector, green
- T23 - 23-Pin Connector
- V1 - Sunroof Motor

- (128) - Ground connection -1-, in interior light wiring harness
- (501) - Threaded connection -2- (30), on relay plate
- (A5) - plus connection (right turn signal), in instrument panel wiring harness
- (A6) - plus connection (left turn signal), in instrument panel wiring harness
- (A52) - Plus Connection 2 (30) (in instrument panel wiring harness)
- (R4) - wire connection -1-, in interior light/door contact switch wiring harness
- (W36) - Positive connection (30a) in floor wiring harness

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Front Interior Light, Reading light, center left and right, Center Console Illumination



- E20 - Instrument Panel Light Dimmer Switch
- L150 - Center Console Illumination
- T10o - 10-Pin Connector, green, connector station A-pillar, left
- T10v - 10-Pin Connector
- W - Front Interior Light
- W39 - Reading light, center left
- W40 - Reading light, center right

- (44) - Ground connection, on left A-pillar, lower part
- (128) - Ground connection -1-, in interior light wiring harness
- (A19) - wire connection (58d), in instrument panel wiring harness
- (R4) - wire connection -1-, in interior light/door contact switch wiring harness
- (R6) - plus connection -1-, in interior light wiring harness
- (W36) - Positive connection (30a) in floor wiring harness

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- - - - engine code BDP only

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97-35838

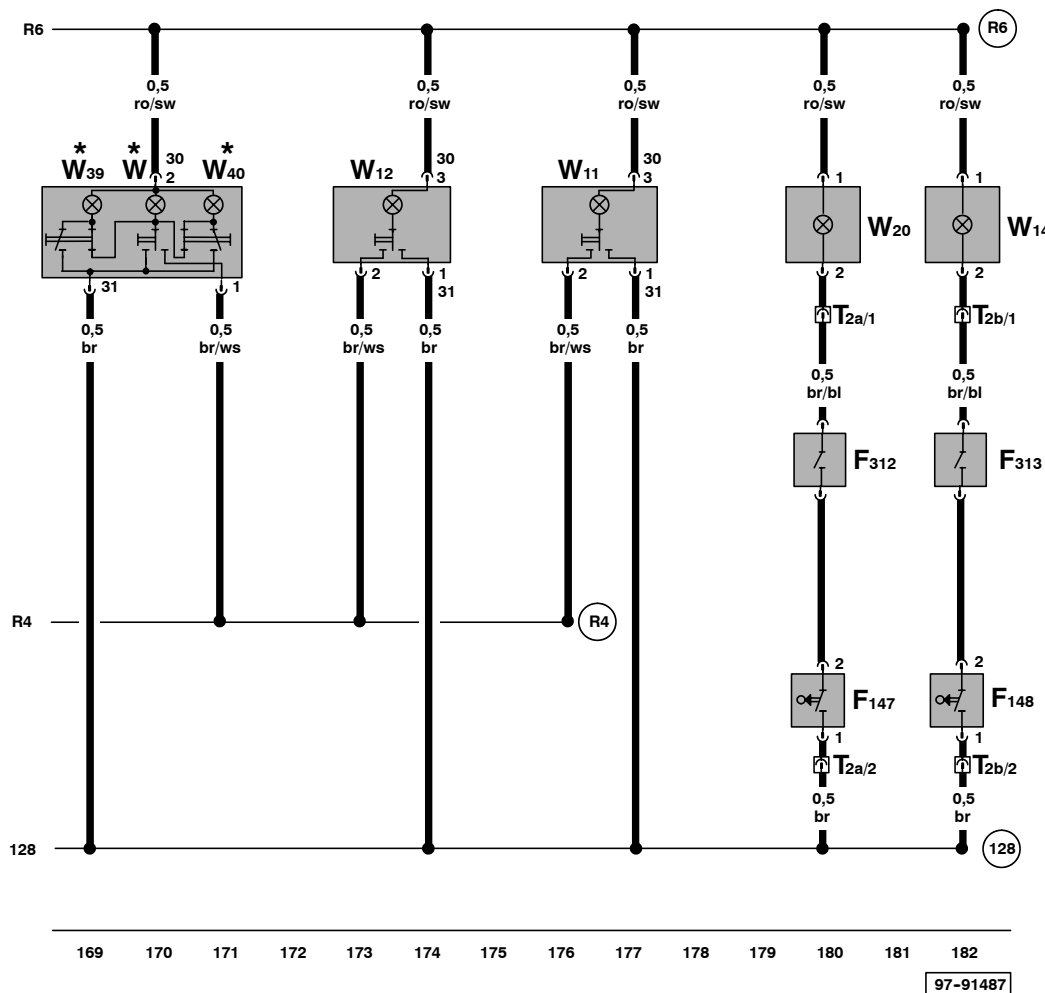
Front Interior Light, Reading lights, Make-Up Mirror Lights, Sliding Cover Contact Switch



- F147 - Left Make-Up Mirror Light Switch
- F148 - Right Make-Up Mirror Light Switch
- F312 - Driver's Sliding Cover Contact Switch (make-up mirror)
- F313 - Passenger's Sliding Cover Contact Switch (make-up mirror)
- T2a - 2-Pin Connector
- T2b - 2-Pin Connector
- W - Front Interior Light
- W11 - Left Rear Reading Light
- W12 - Right Rear Reading Light
- W14 - Right Make-up Mirror Light
- W20 - Left Make-up Mirror Light
- W39 - Reading light, center left
- W40 - Reading light, center right

- (128) - Ground connection -1-, in interior light wiring harness
- (R4) - wire connection -1-, in interior light/door contact switch wiring harness
- (R6) - plus connection -1-, in interior light wiring harness

* - not for vehicles with engine code BDN



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97-91487