

Comfort System, with Alarm System,

from October 2000

Notes:

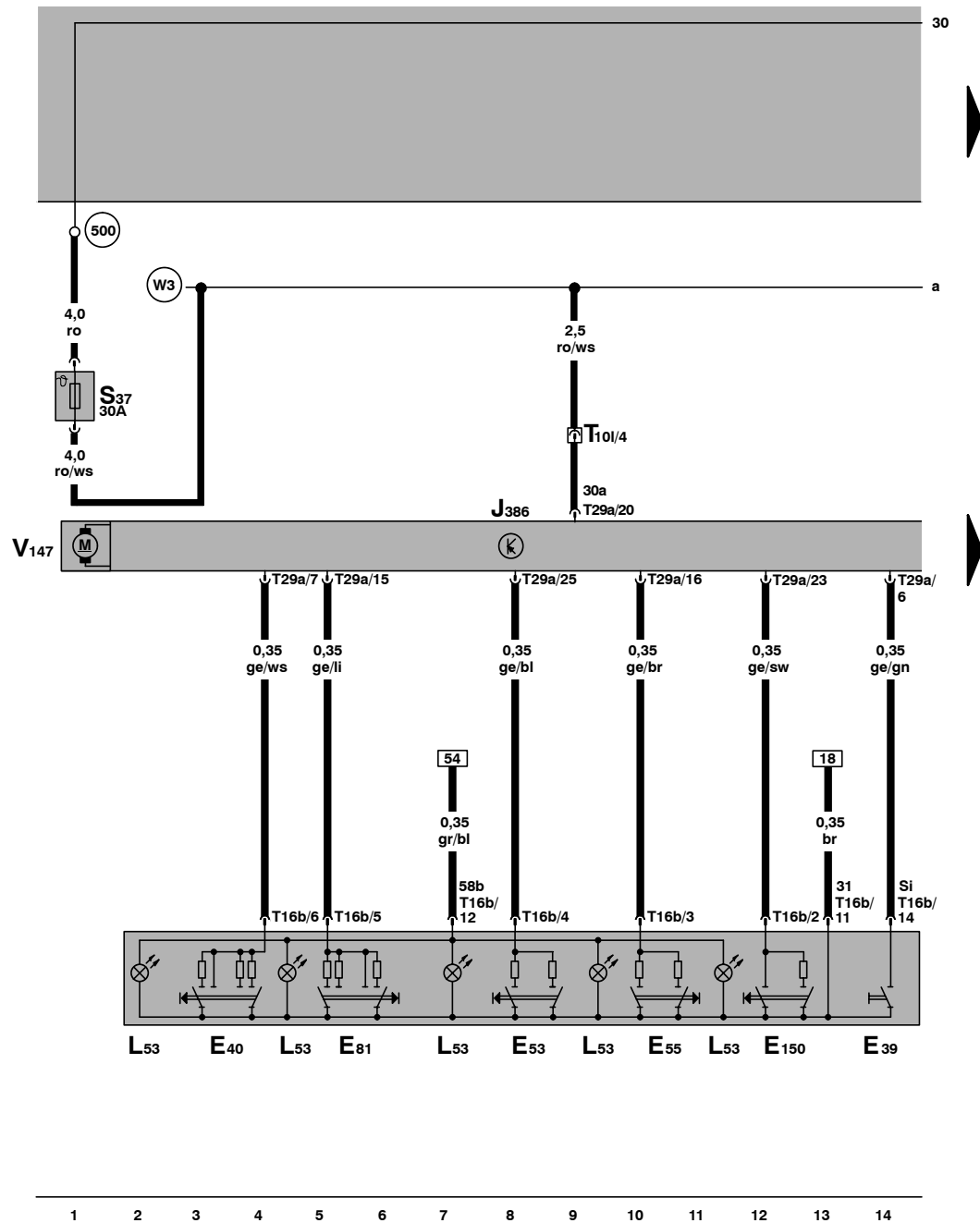
Information for

- ◆ *Relay and fuse arrangements*
 - ◆ *Connector arrangements*
 - ◆ *Control Modules and Relays*
 - ◆ *Ground connections*
- ⇒ *Component Locations!*

Information for

- ◆ *Troubleshooting Procedures*
- ⇒ *Guided Fault Finding using VAS 5051/5052*

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
- T10l - 10-pin connector, black, connector station A-pillar left
- T16b - 16-pin connector, brown
- T29a - 29-pin connector
- V147 - Motor for window regulator, driver side

- (500) - Threaded connection -1- (30), on relay plate
- (W3) - wire connection, in rear wiring harness

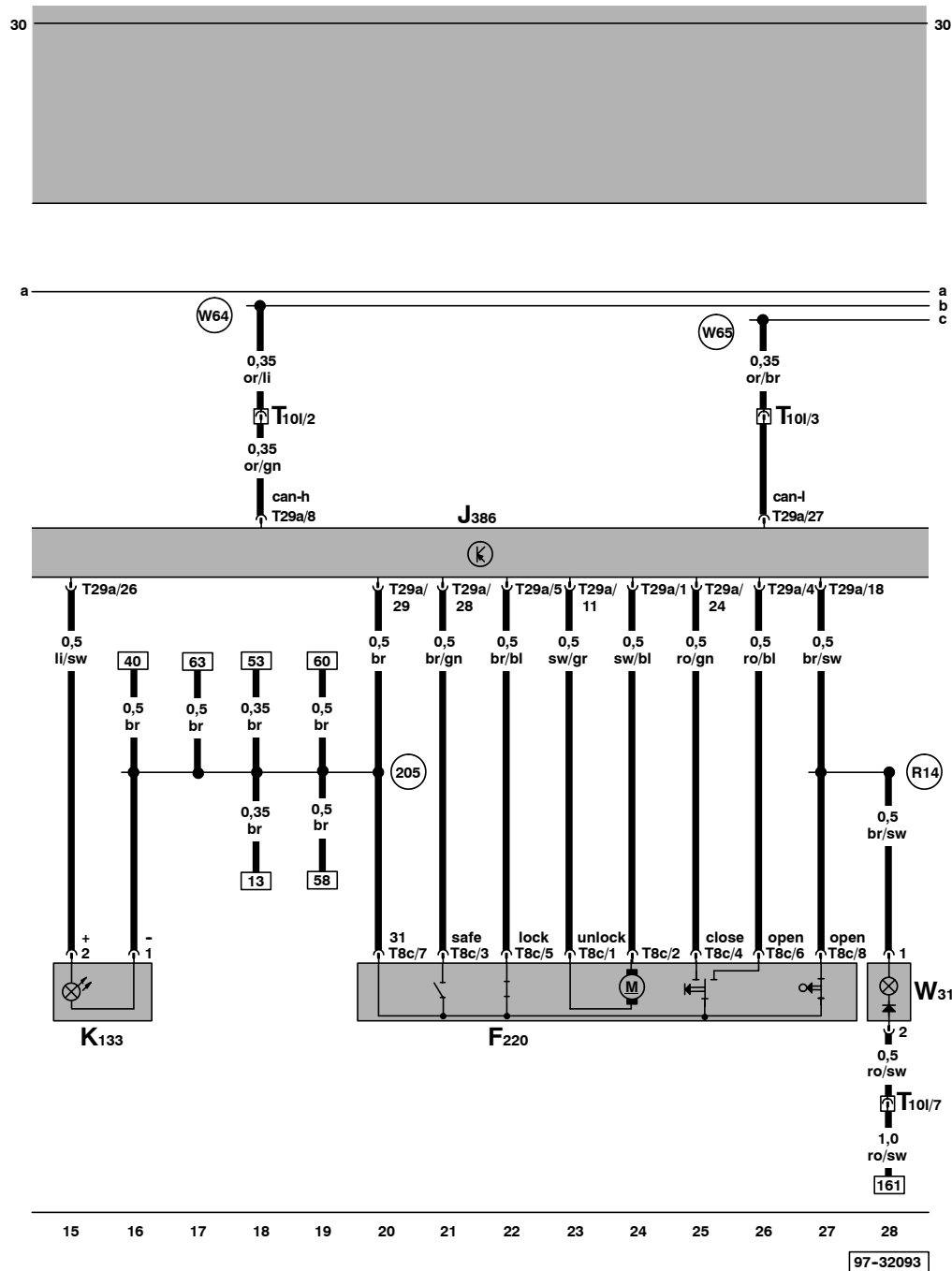
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 ge = yellow
 or = orange

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

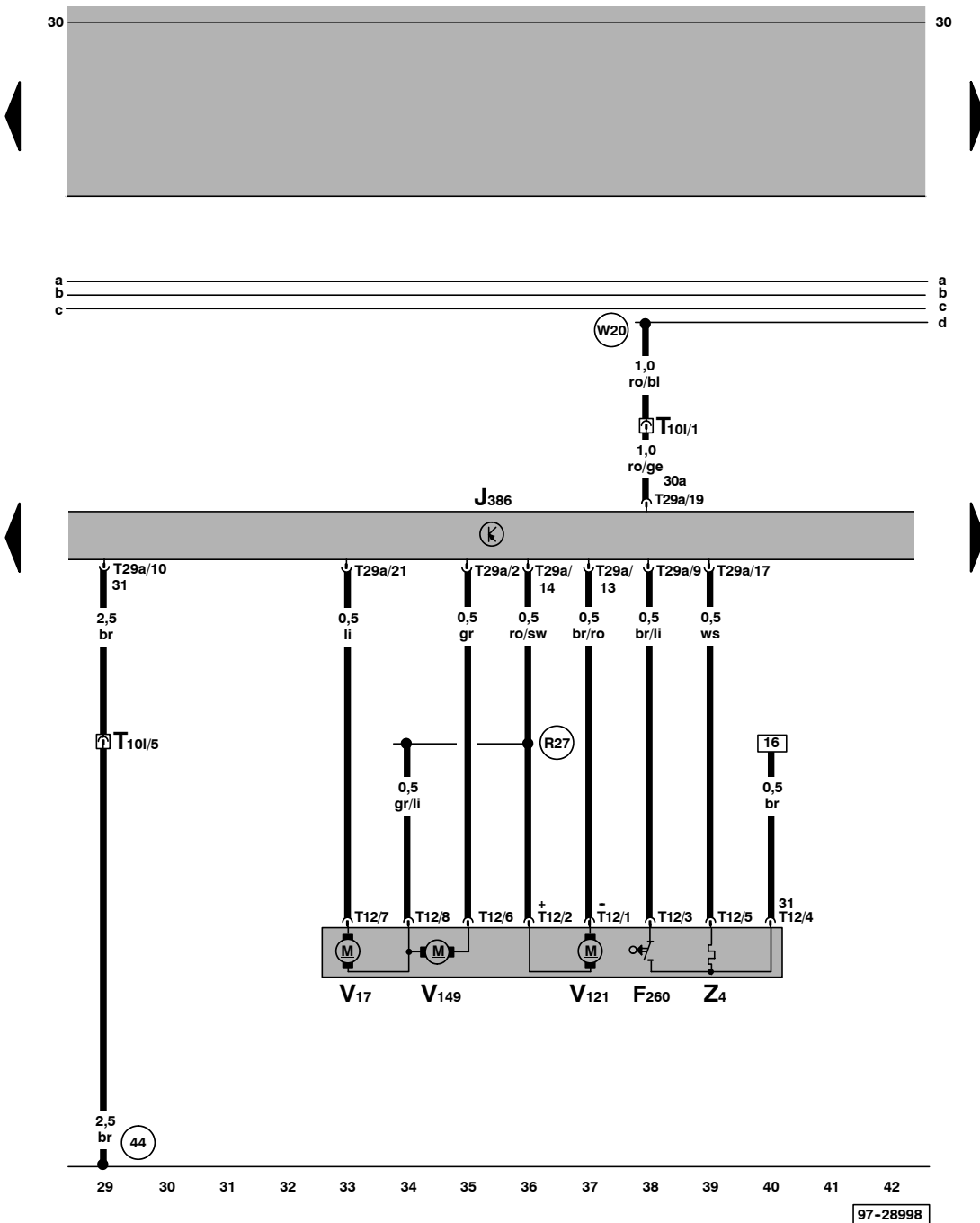
- F220 - Lock unit for central locking, driver side
- J386 - Door control module, driver side
- K133 - Warning light for central locking -SAFE-
- T8c - 8-Pin Connector, black, on lock unit for centrallocking, driver side
- T101 - 10-Pin Connector, black, connector station A-pillar, left
- T29a - 29-Pin Connector
- 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
- (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, driver side, Heated outside mirror, driver side



- F260 - Driver's Folding Mirror Contact Switch
- J386 - Door control module, driver side
- T10I - 10-Pin Connector, black, connector station A-pillar, left
- 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

- 44 - Ground connection, on left A-pillar, lower part
- R27 - wire connection (power mirror), in drivr's door wiring harness
- W20 - Plus connector (30a), in wiring harness, rear

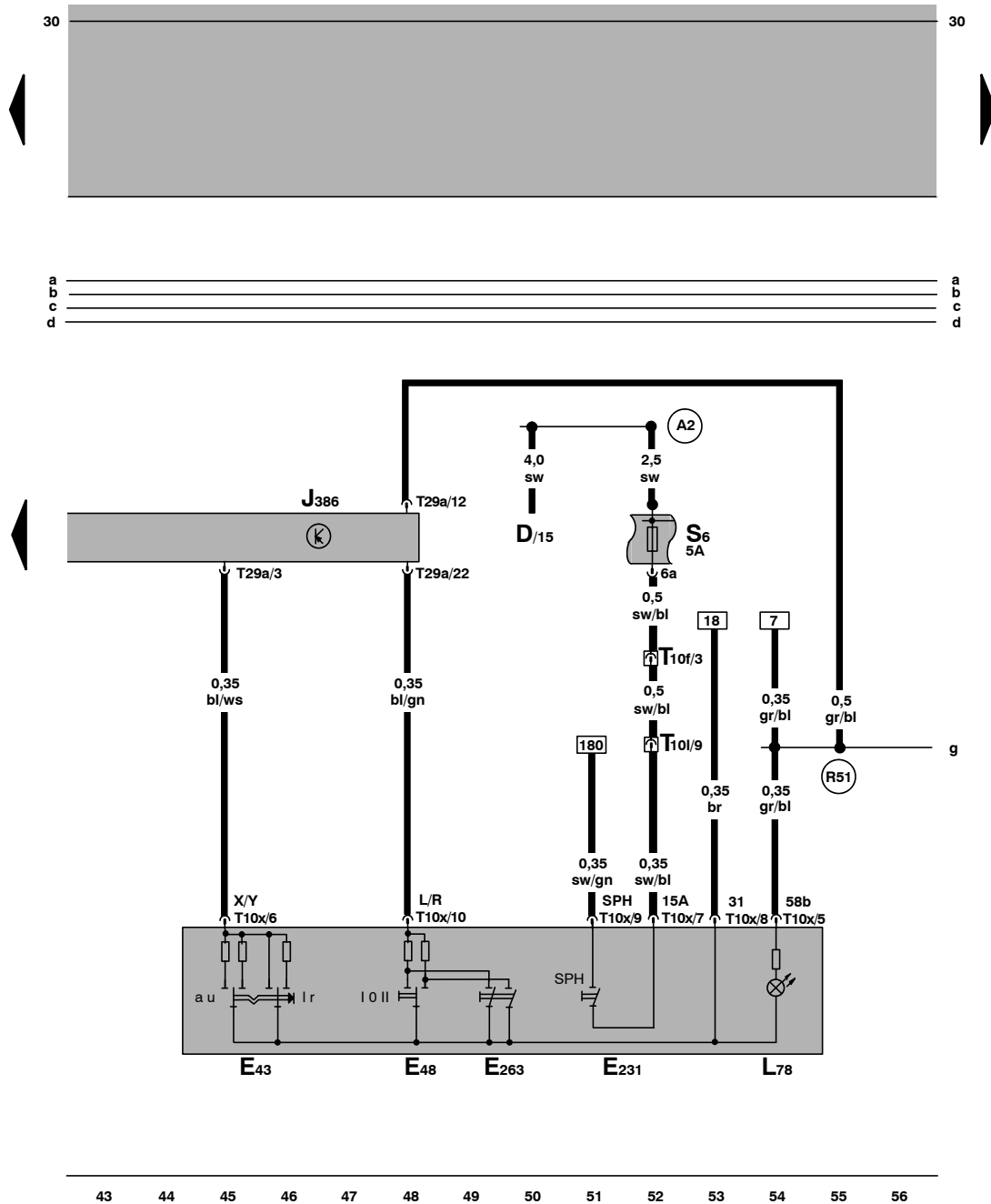
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Door control module, driver side, Mirror Adjustment and Selector Switch

- D - Ignition/Starter Switch
- E43 - Mirror Adjustment Switch
- E48 - Mirror Selector Switch
- E231 - Switch for outside mirror heating
- E263 - Mirror Folding 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
- T29a - 29-Pin Connector

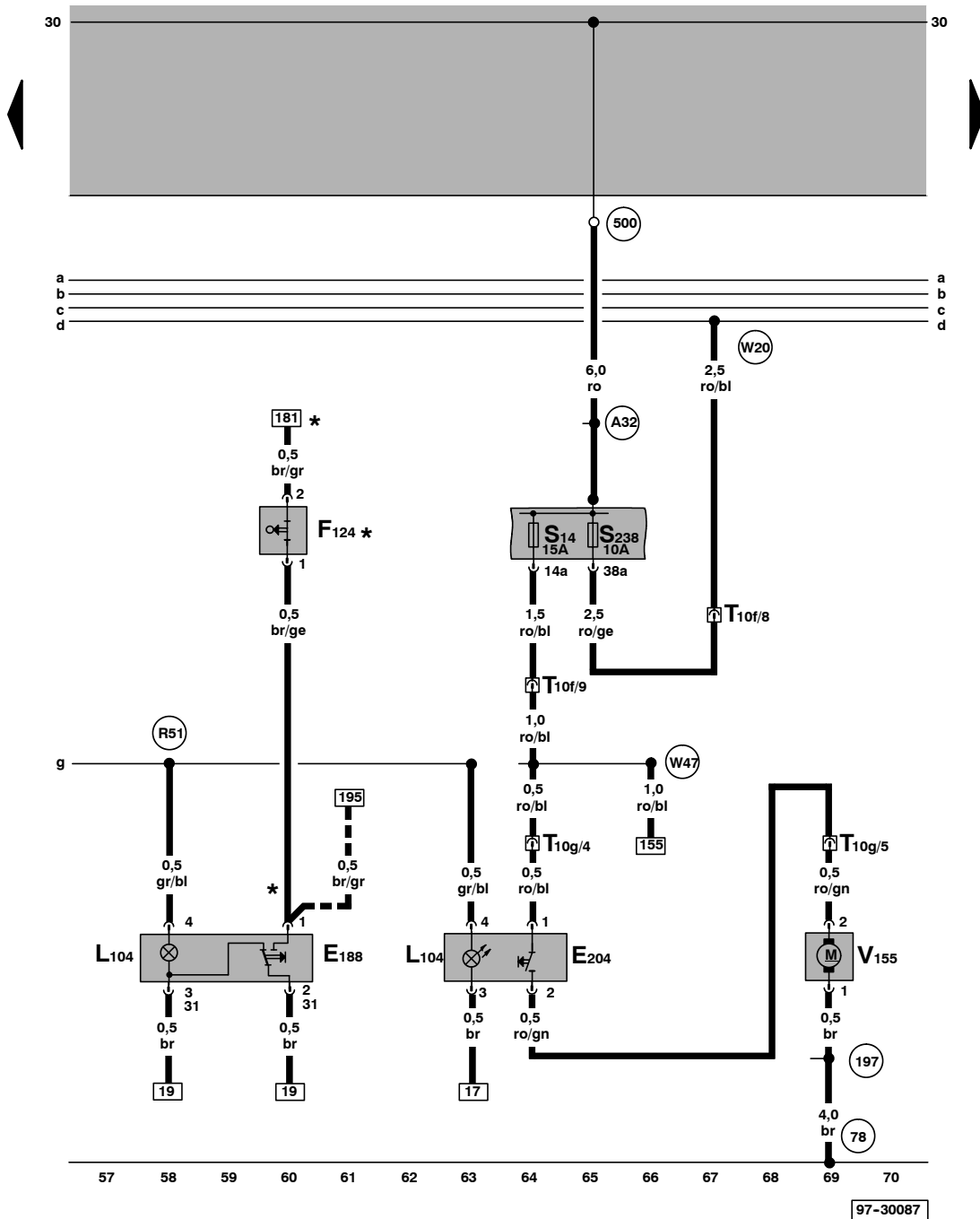
- (A2) - plus connection (15), in instrument panel wiring harness
- (R51) - Connection (58b) (driver's side door wiring harness)

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43 44 45 46 47 48 49 50 51 52 53 54 55 56

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

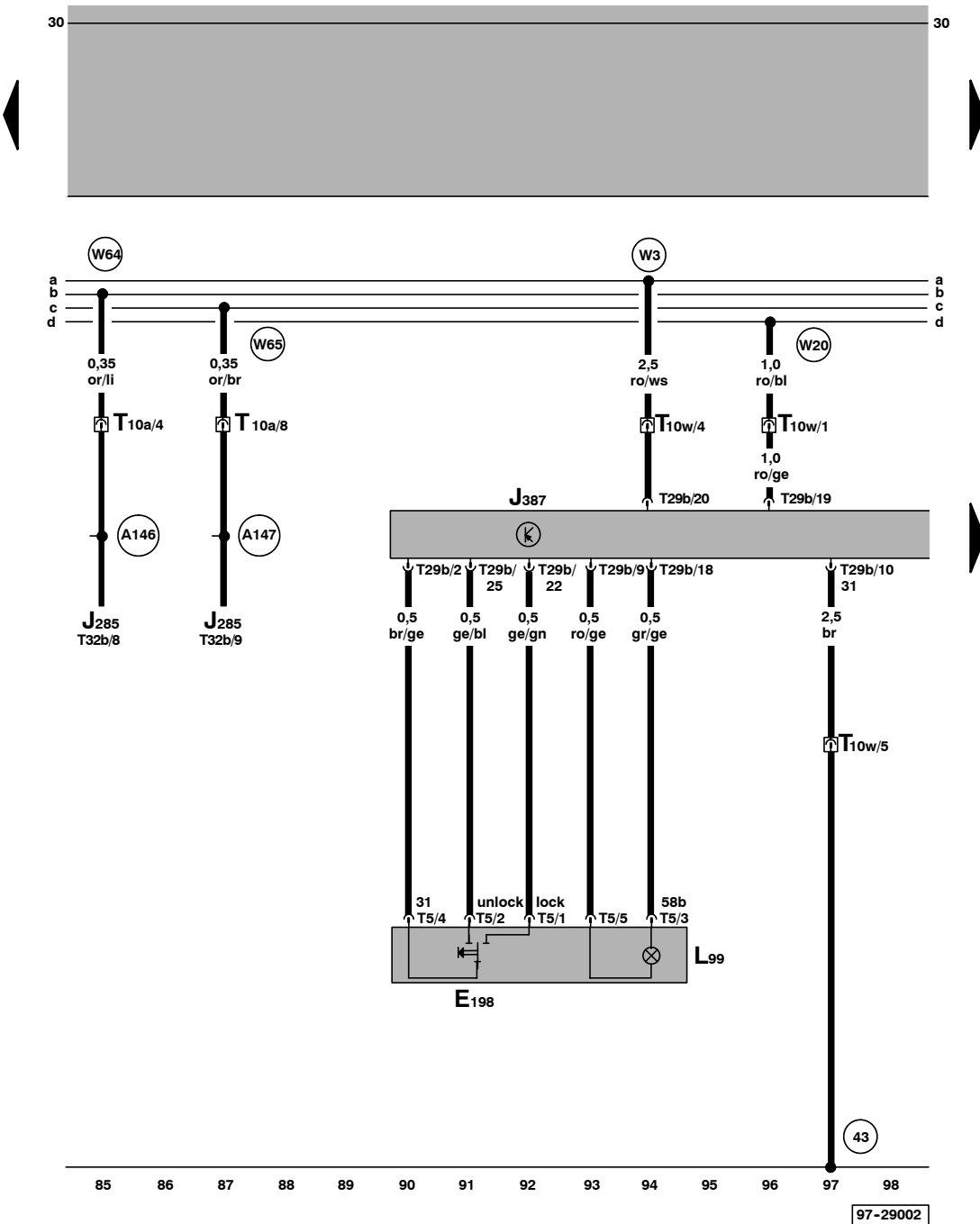


- E188 - Switch for remote unlock, rear lid
- E204 - Switch for remote/fuel tank door
- F124 - Trunk Lock Alarm/Central Locking Switch
- L104 - Illumination for switch remote unlock
- T10f - 10-Pin Connector, blue, connector station A-pillar, left
- T10g - 10-Pin Connector, grey
- V155 - Motor for fuel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

- (78) - Ground connection (lower right B-pillar)
- (197) - Ground connection -4-, in wiring harness rear
- (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, Passenger Side Interior Lock Switch, Lighting forswitch interior lock



- E198 - Passenger Side Interior Lock Switch
- J285 - Control module with indicator unit in instrument panelinsert
- J387 - Door control module, passenger side
- L99 - Lighting for switch interior lock
- T5 - 5-Pin Connector
- T10f - 10-Pin Connector, blue, connector station A-pillar, left
- T10a - 10-Pin Connector, grey, connector station A-pillar, left
- T10w- 10-Pin Connector, black, connector station A-pillar, right
- T29b - 29-Pin Connector
- T32b - 32-Pin Connector, green

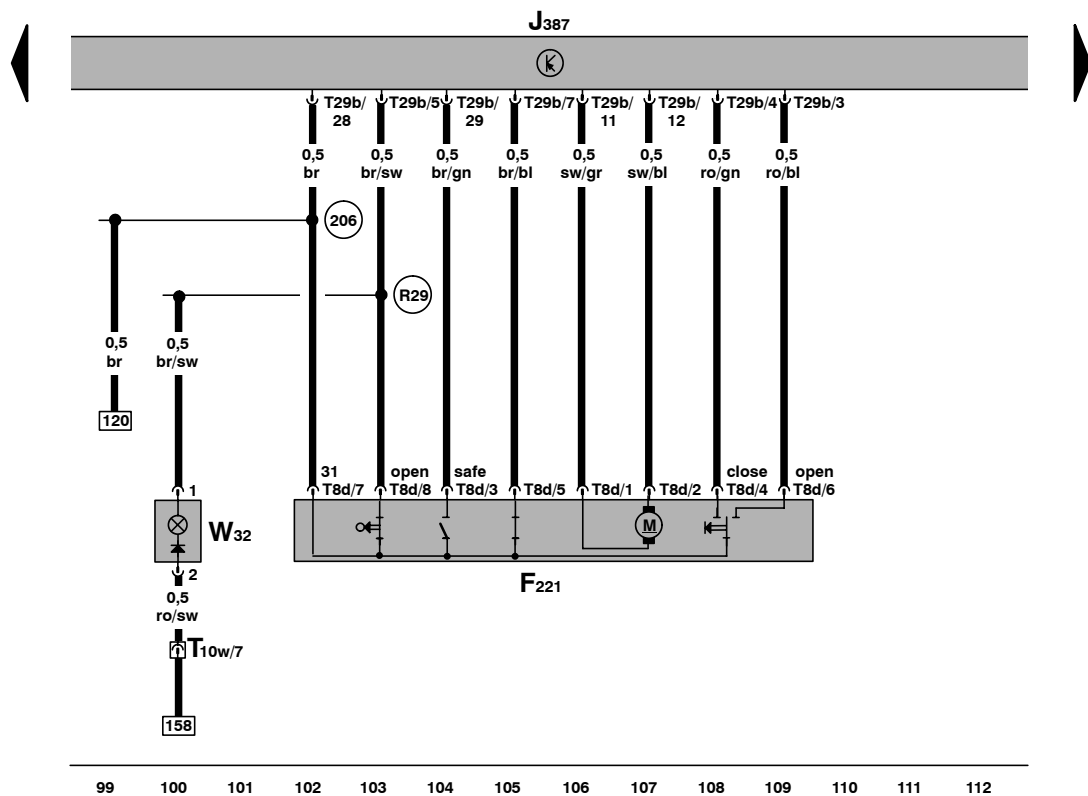
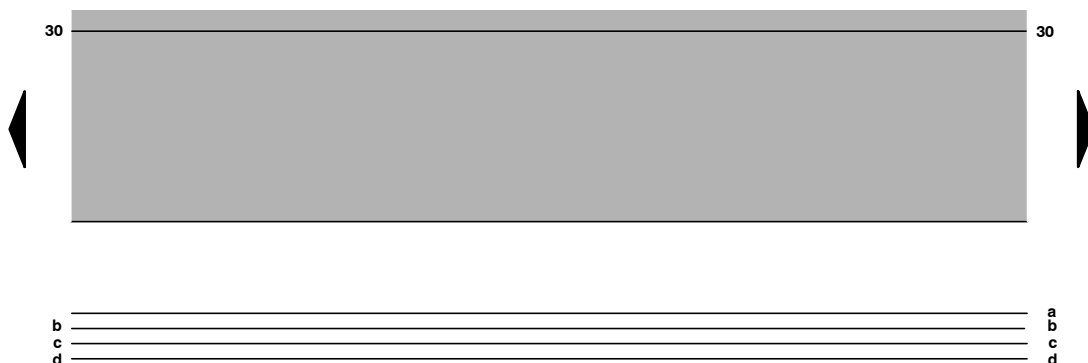
- (43) - Ground connection, on right A-pillar, lower part
- (500) - Screw connection -1- (30), on relay panel
- (W3) - wire connection, in rear wiring harness
- (W20) - Plus connector (30a), in wiring harness, rear
- (W64) - CAN-Bus High Connection - Convenience (in floor wiring harness)
- (W65) - CAN-Bus Low Connection - Convenience (in floor wiring harness)
- (A146) - Comfort System High-bus Connection (in instrument panel wiring harness)
- (A147) - Comfort System Low-bus Connection (in instrument panel wiring harness)

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Central locking passenger's door, Entry light front, right

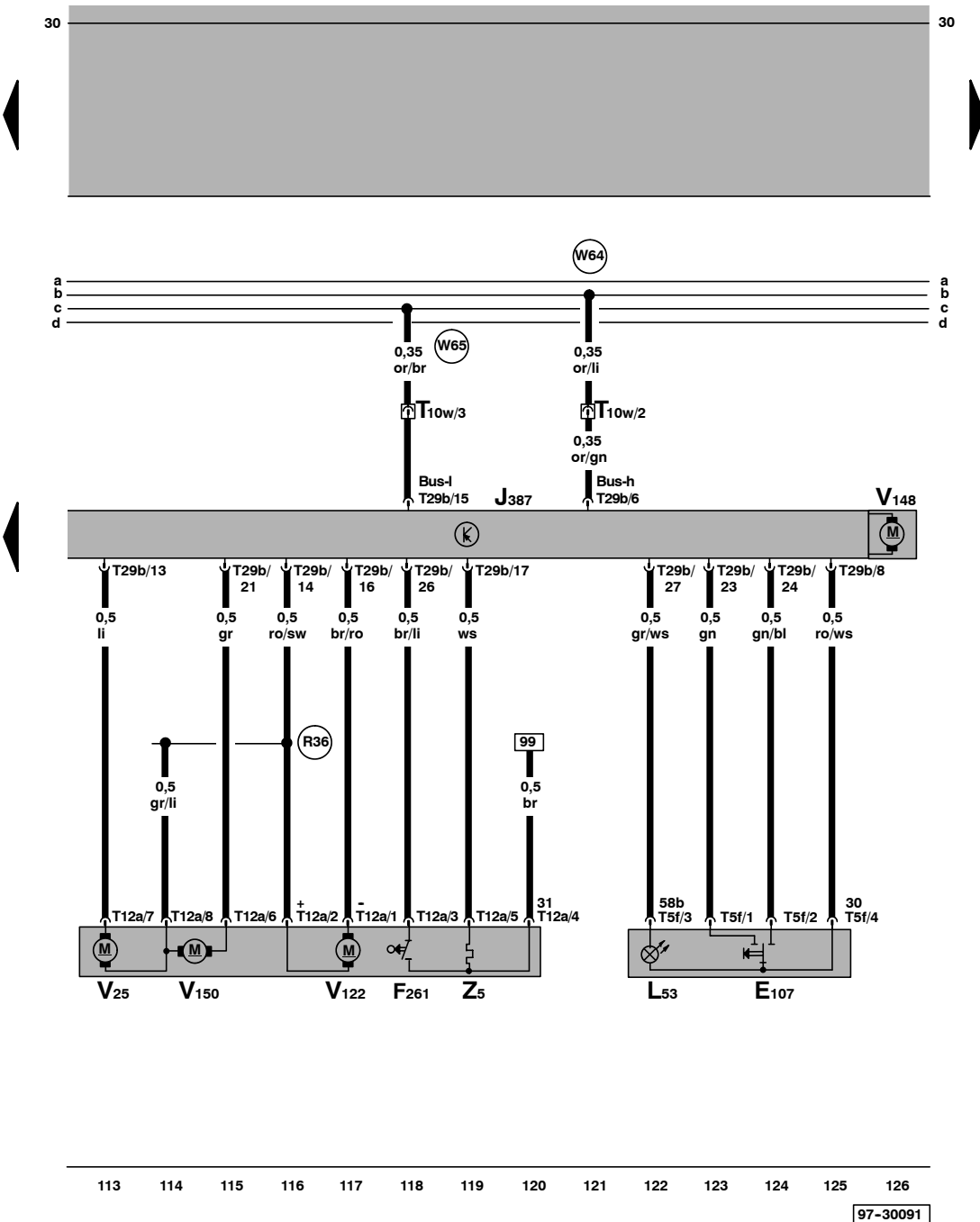
- F221 - Lock unit for central locking, passenger side
- J387 - Door control module, passenger side
- T8d - 8-Pin Connector, black
- T10w- 10-Pin Connector, black, connector station A-pillar, right
- T29b - 29-Pin Connector
- W32 - Entry light front, right

- (206) - Ground connection, in passenger's door wiring harness
- (R29) - Wire connection -1- (open), in passenger's door wiring harness



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Door control module, Mirror adjustment and fold-in mirror, Heated outside mirror, passenger side, Switch for window regulator

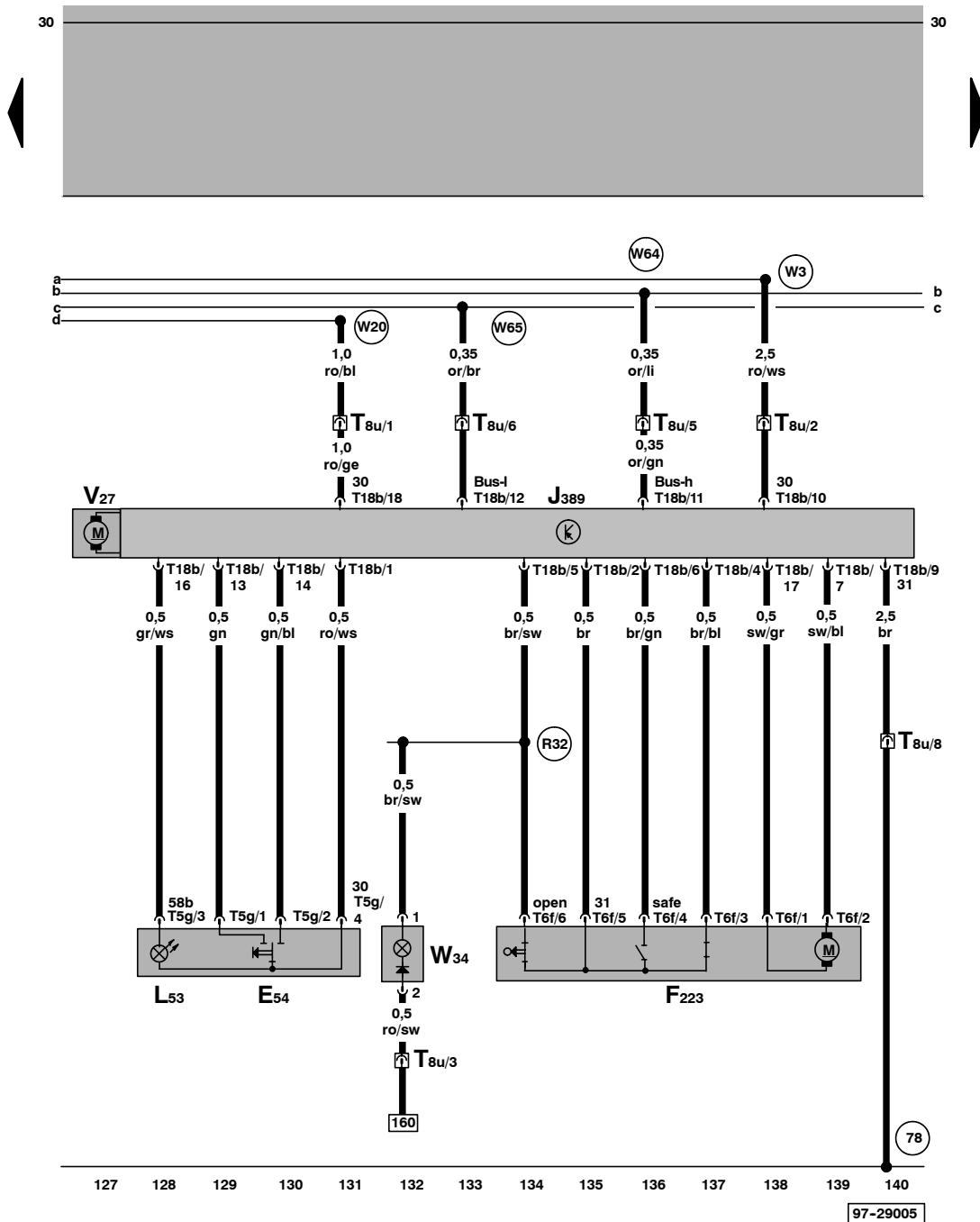


- E107 - Switch for window regulator, in passenger door
- F261 - Passenger's Folding Mirror Contact Switch
- J387 - Door control module, passenger side
- L53 - Power Window Switch Light
- T5f - 5-Pin Connector
- T10w- 10-Pin Connector, black, connector station A-pillar, right
- T12a - 12-Pin Connector, 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
- V148 - Motor for window regulator, passenger side
- V150 - Motor for mirror adjustment, passenger side
- Z5 - Heated outside mirror, passenger side

- (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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Central locking rear right, Power window rear right, Entry light rear, right



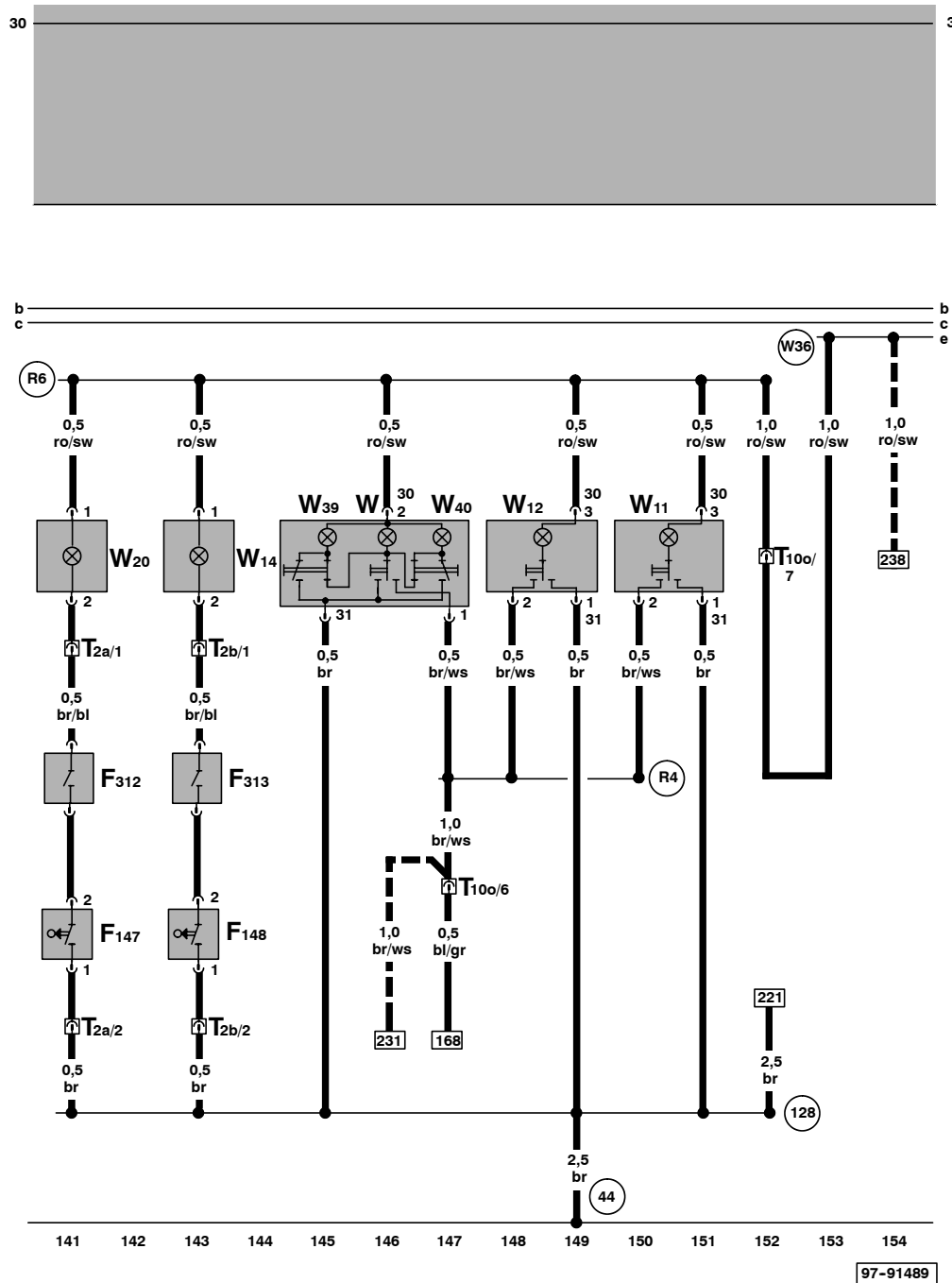
- E54 - Right Rear Window Switch, (In RR Door)
- F223 - Lock unit for central locking, rear, right
- J389 - Door control module, rear, right
- L53 - Power Window Switch Light
- T5g - 5-Pin Connector
- T6f - 6-Pin Connector
- T8u - 8-Pin Connector, brown, connector station B-pillar, right
- T18b - 18-Pin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

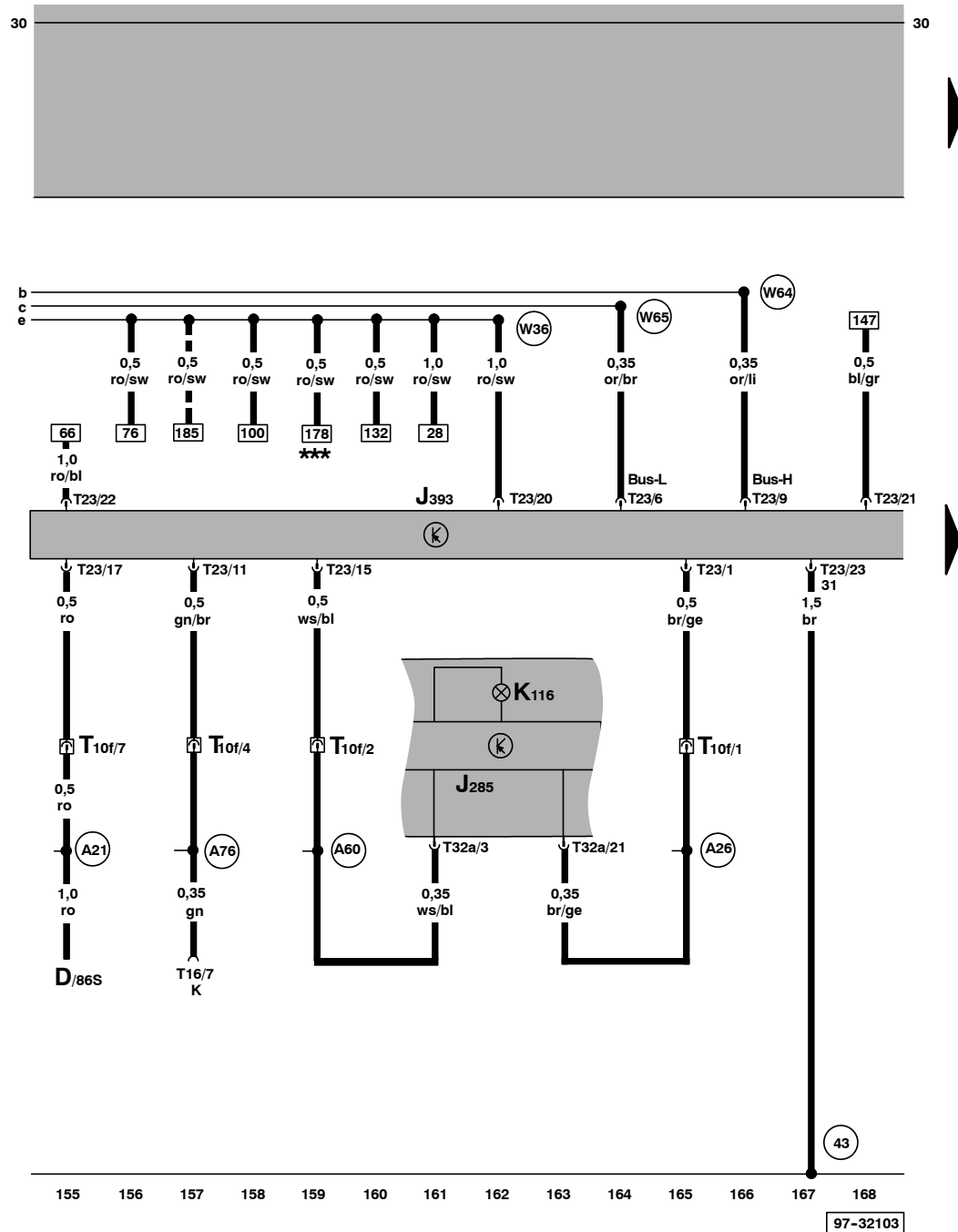
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Front Interior Light, Reading lights, Make-Up Mirror Lights, Sliding Cover Contact Switch

- 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
 - T10o - 10-Pin Connector, green, connector station A-pillar, left
 - 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
- (44) - Ground connection, on left A-pillar, lower part
 - (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
 - (W36) - Positive connection (30a) in floor wiring harness
 - - engine code BDN only



Central control module for comfort system, Warning light for rear lid unlocked, Data Link Connector (DLC)



- D - Ignition/Starter Switch
- J285 - Control module with indicator unit in instrument panel insert
- J393 - Central control module for comfort system
- K116 - Warning light for rear lid unlocked
- T10f - 10-Pin Connector, blue, connector station A-pillar, left
- T16 - 16-Pin Connector, Data Link Connector (DLC), below instrument panel, left
- T23 - 23-Pin Connector
- T32a - 32-Pin Connector, blue, on instrument cluster

- (43) - Ground connection, on right A-pillar, lower part
- (A21) - wire connection (86s), in instrument panel wiring harness
- (A26) - wire connection (driver's door contact switch), in instrument panel wiring harness
- (A60) - Wire Connection (Vehicle speed signal), in instrument cluster wiring harness
- (A76) - Connector (K-diagnosis wire) in instrument panel wiring harness
- (W36) - Positive connection (30a) in floor wiring harness
- (W64) - CAN-Bus High Connection - Convenience (in floor wiring harness)
- (W65) - CAN-Bus Low Connection - Convenience (in floor wiring harness)

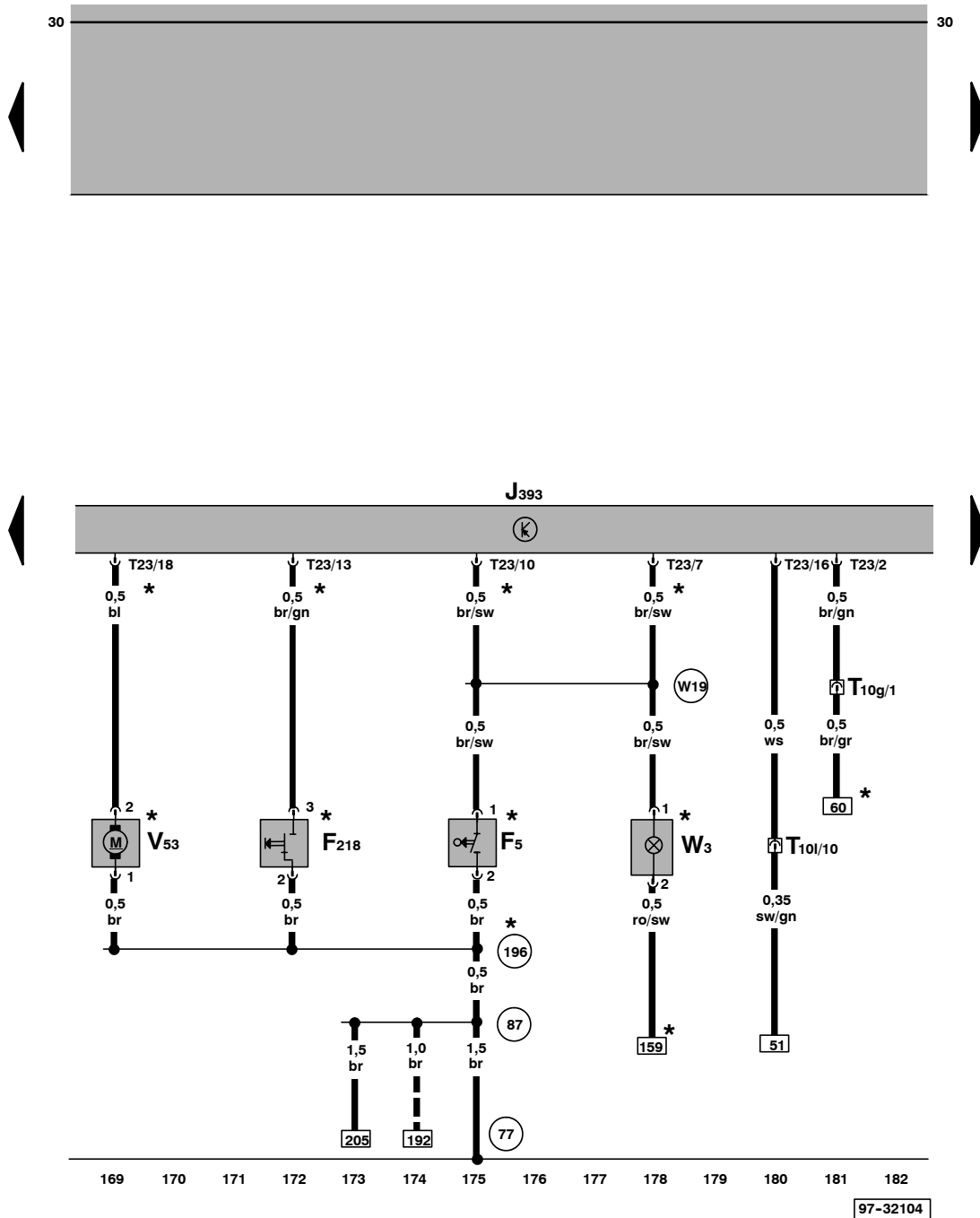
*** - sedan only
 --- - wagon only

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

- F5 - Luggage Compartment Light Switch
- F218 - Switch for Central locking, trunk lid
- J393 - Central control module for comfort system
- T10g - 10-Pin Connector, grey
- T10l - 10-Pin Connector, black, connector station A-pillar left
- T23 - 23-Pin Connector, on Central control module for comfort system
- 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
- (W19) - Connection -2- (luggage compartment light), in rear wiring harness
- * - sedan only
- - - - wagon only

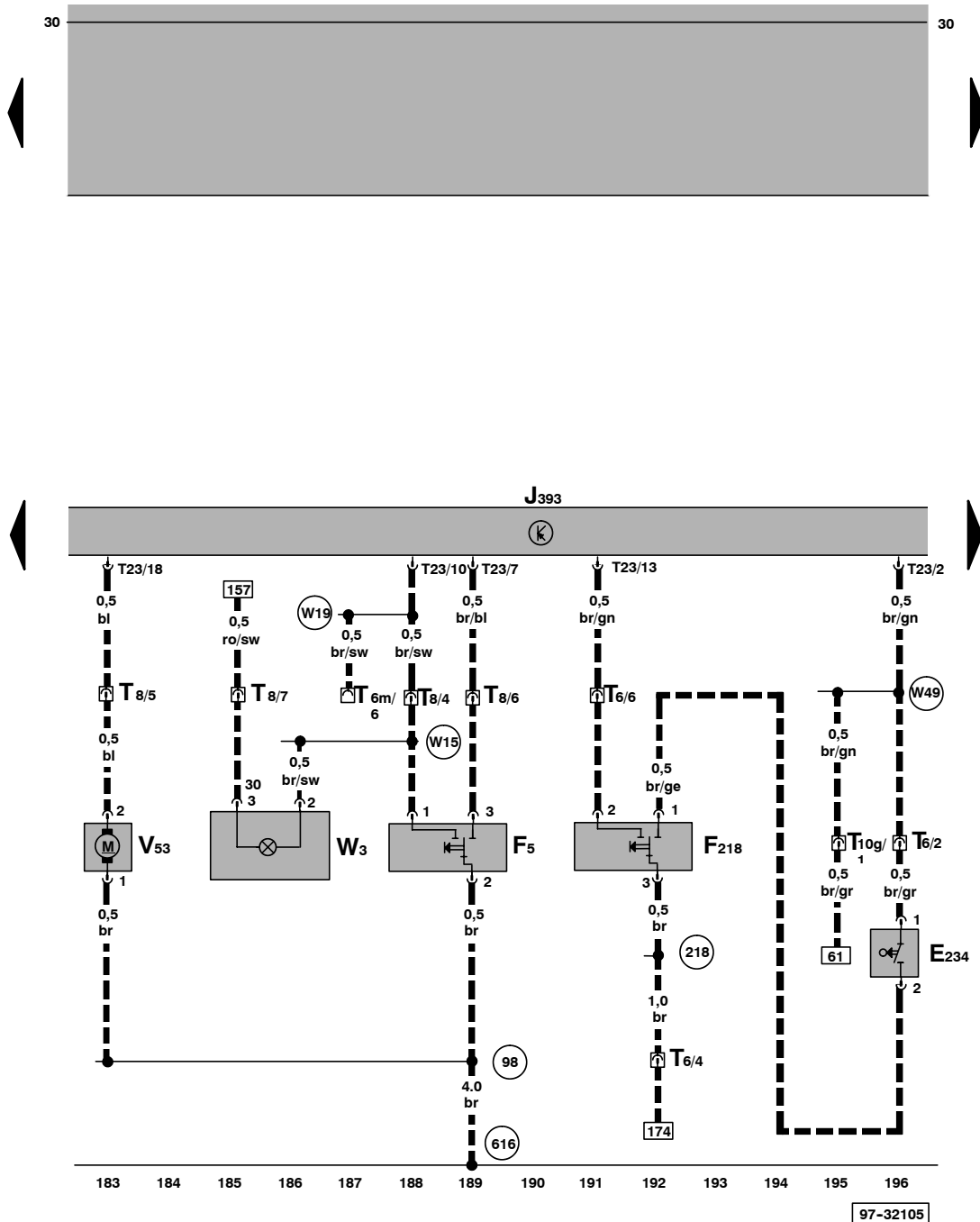


Central control module for comfort system, Luggage Compartment Light Switch, Luggage compartment light, Decklid Central Locking System Motor

- E234 - Switch for unlocking, rear lid handle
- F5 - Luggage Compartment Light Switch
- F218 - Switch for central locking, trunk lid
- J393 - Central control module for comfort system
- T6 - 6-Pin Connector, black
- T6m - 6-Pin Connector, black, connector station A-pillar, right
- T8 - 8-Pin Connector, black, connector station D-pillar, right (wagon only)
- T10g - 10-Pin Connector, grey
- T23 - 23-Pin Connector, on Central control module for comfort system
- V53 - Decklid Central Locking System Motor
- W3 - Luggage compartment Light

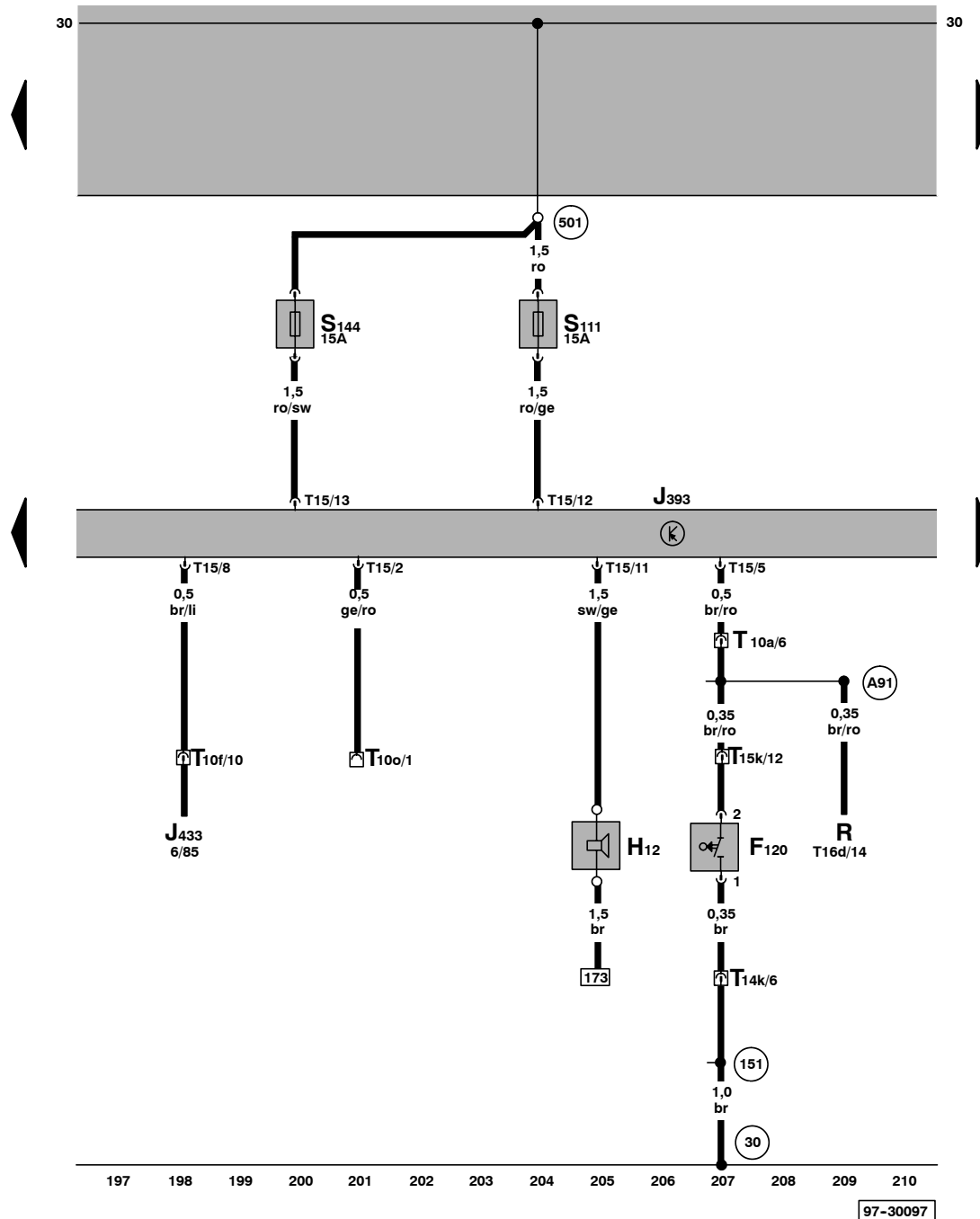
- (98) - Ground connection, in rear lid wiring harness
- (218) - Ground connection -1-, in rear lid wiring harness
- (616) - Ground connection (on luggage compartment light)
- (W15) - Connection -1- (luggage compartment light), in rear wiring harness
- (W19) - Connection -2- (luggage compartment light),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

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97-32105

Central control module for comfort system, Alarm Switch, Hood Alarm Switch



- F120 - Hood Alarm Switch
- H12 - Alarm Switch
- J393 - Central control module for comfort system
- J433 - Locking relay for starter (anti-theft immobilizer)
- R - Radio
- S111 - Alarm System and Anti-Theft Engine Disable Fuse
- S144 - Fuse for central locking/anti-theft warning system
- T10a - 10-Pin Connector, grey, connector station A-pillar, left
- T10f - 10-Pin Connector
- T10o - 10-Pin Connector, red, connector station A-pillar, left
- T14k - 14-Pin Connector
- T15 - 15-Pin Connector, on Central control module for comfort system
- T15k - 15-Pin Connector
- T16d - 16-Pin Connector

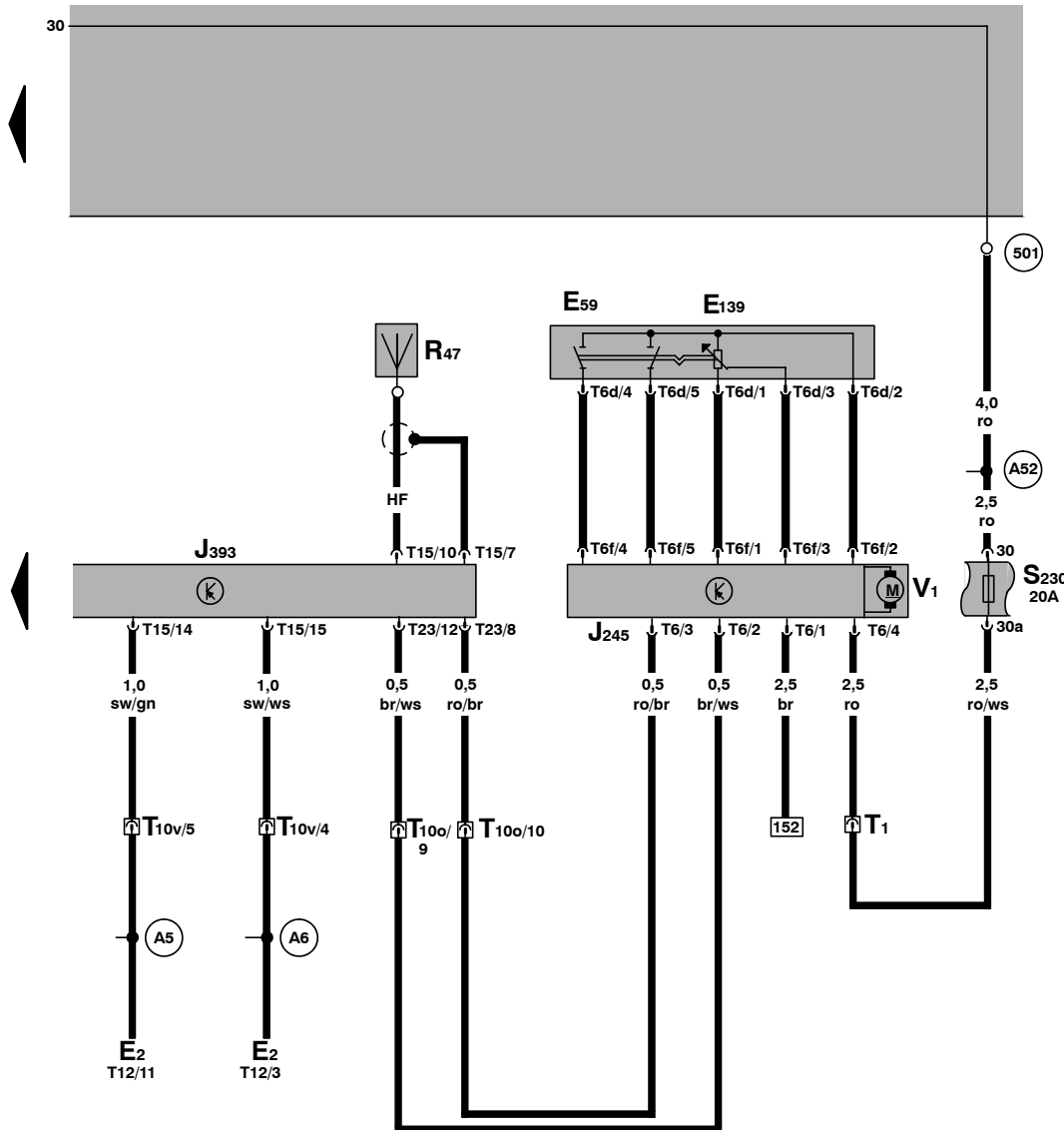
- (30) - Ground connection -1-, beside fuse/relay panel
- (151) - Ground connection -1-, in front wiring harness
- (501) - Threaded connection -2- (30), on relay plate
- (A91) - Connector (signal for instrument panel insert), in instrument panel wiring harness

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 or = orange

197 198 199 200 201 202 203 204 205 206 207 208 209 210

97-30097

Central control module for comfort system, 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
- S230 - Fuse in fuse holder
- T1 - Single Connector, black
- T6 - 6-Pin Connector
- T6d - 6-Pin Connector
- T6f - 6-Pin Connector
- T10v - 10-Pin Connector, violet, connector station A-pillar, right
- T10o - 10-Pin Connector, red, connector station A-pillar, left
- T12 - 12-Pin Connector, near steering column
- T15 - 15-Pin Connector, on Central control module for comfort system
- T23 - 23-Pin Connector
- V1 - Sunroof Motor

- (501) - Threaded connection -2- (30), on relay plate
- (A52) - Plus Connection 2 (30) (in instrument panel wiring harness)
- (A5) - plus connection (right turn signal), in instrument panel wiring harness
- (A6) - plus connection (left turn signal), in instrument panel wiring harness

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211 212 213 214 215 216 217 218 219 220 221 222 223 224

7-32107

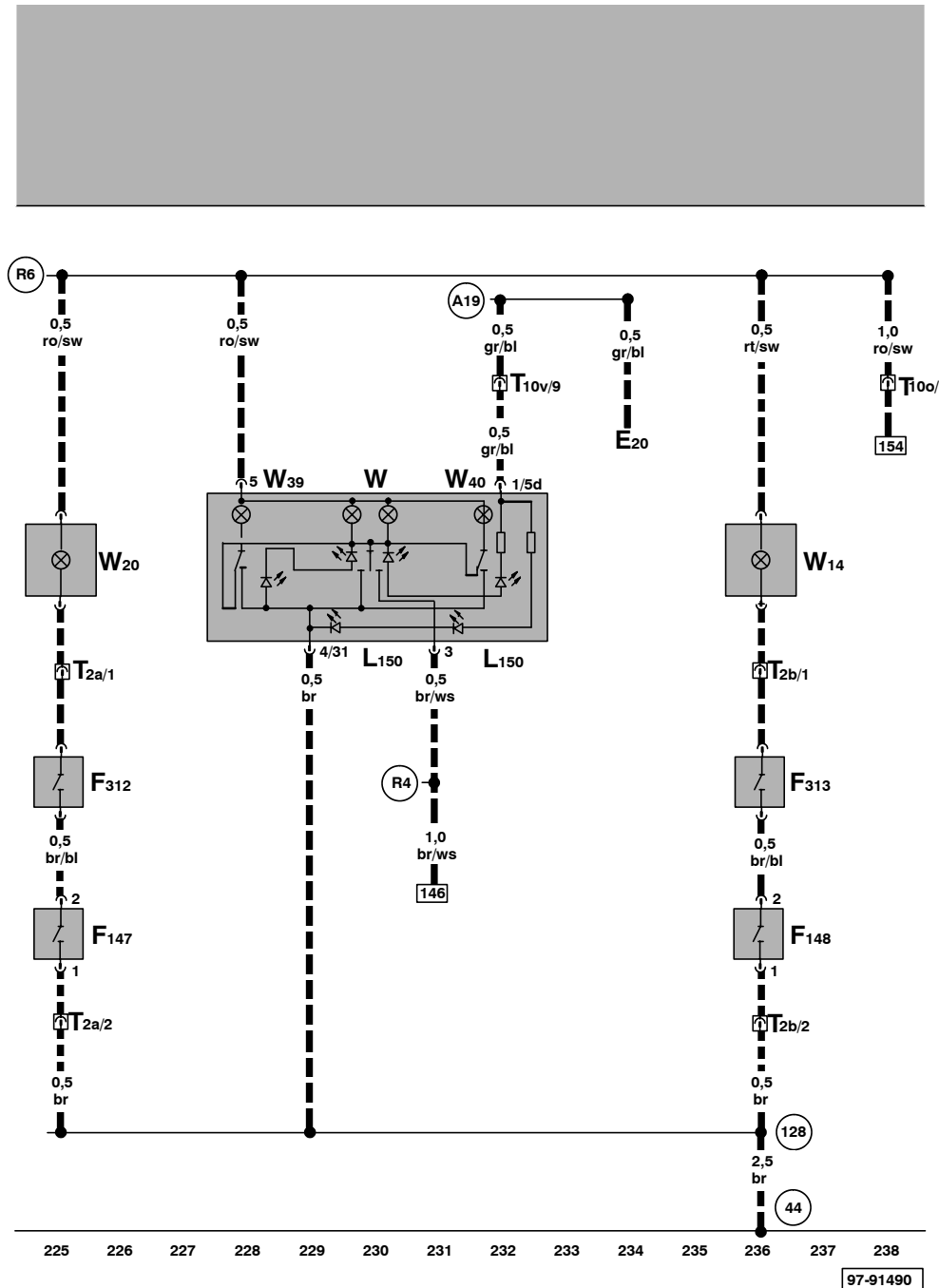
Front Interior Light, Make-up Mirror Light, Reading light

- E20 - Instrument Panel Light Dimmer 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)
- F313 - Passenger's Sliding Cover Contact Switch (make-up mirror)
- L150 - Center Console Illumination
- T2a - 2-Pin Connector
- T2b - 2-Pin Connector
- T10o - 10-Pin Connector, green, connector station A-pillar, left
- T10v - 10-Pin Connector
- W - Front Interior Light
- W14 - Right Make-up Mirror Light
- W20 - Left Make-up Mirror 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

--- - engine code BDN only

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97-91490