

Audi A7

Current Flow Diagram

No. 23 / 1

04.2011

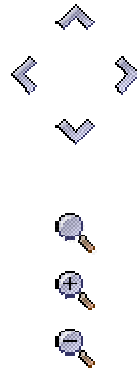
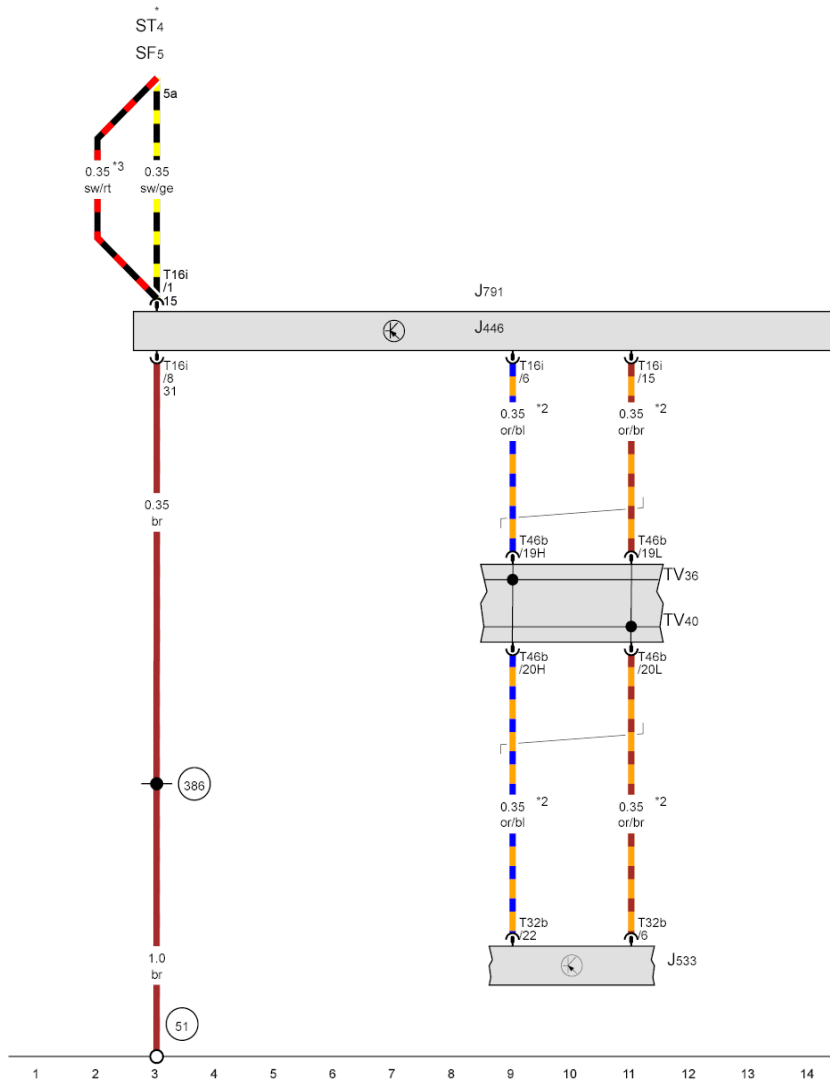
Parking aid (PDC) with park assist steering (Park Assist)

From September 2010

Audi A7

Current Flow Diagram

No. 23 / 2



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

Parking aid control unit, Data bus diagnostic interface, Park assist steering control unit







- J446 - Parking aid control unit
- J533 - Data bus diagnostic interface
- J791 - Park assist steering control unit
- ST4 - Fuse carrier 4
- SF5 - Fuse 5 in fuse holder F
- T16i - 16-pin connector
- T32b - 32-pin connector
- T46b - 46-pin connector
- TV36 - Wiring junction for dash panel insert CAN bus, high
- TV40 - Wiring junction for dash panel insert CAN bus, low
- 51 - Earth point, on right in luggage compartment
- 386 - Earth connection 21, in main wiring harness
- * - see applicable current flow diagram for fuse assignment
- *2 - Data bus wire (CAN bus)
- *3 - From June 2011

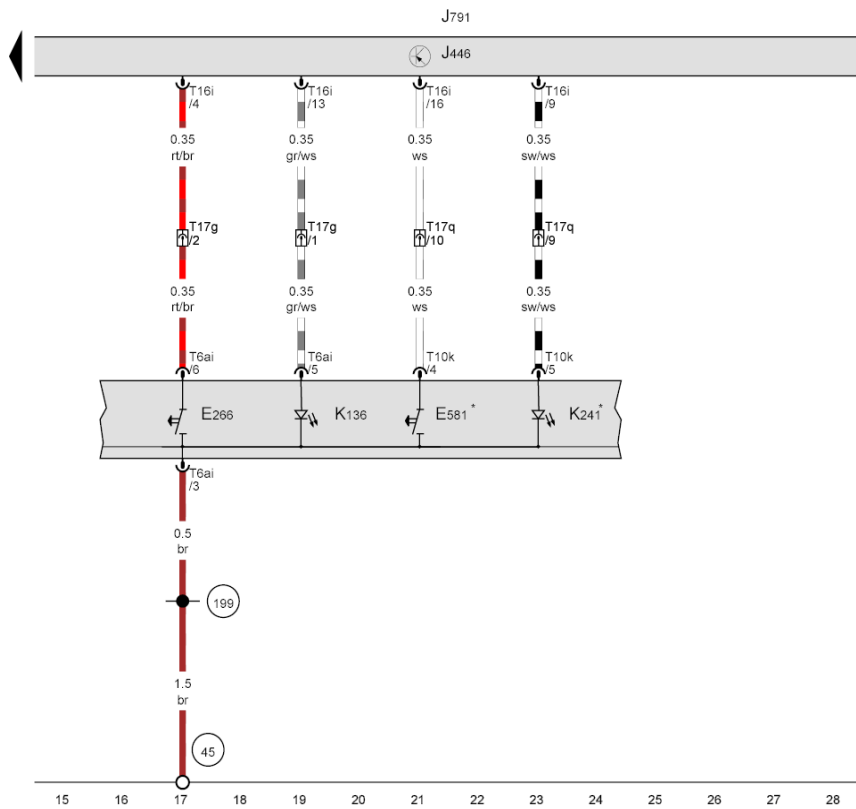
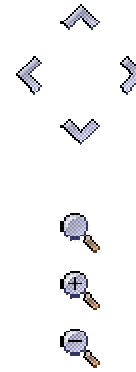
Audi A7

Current Flow Diagram

No. 23 / 3

Parking aid button, Park assist steering button, Parking aid control unit, Park assist steering control unit, Parking aid warning lamp, Warning light for park assist steering

- E266 - Parking aid button
- E581 - Park assist steering button
- J446 - Parking aid control unit 
- J791 - Park assist steering control unit 
- K136 - Parking aid warning lamp
- K241 - Warning light for park assist steering
- T6ai - 6-pin connector
- T10k - 10-pin connector
- T16i - 16-pin connector 
- T17g - 17-pin connector, in left A-pillar coupling station 
- T17q - 17-pin connector, in right A-pillar coupling station 
- 45 - Earth point, centre behind dash panel 
- 199 - Earth connection 3, in dash panel wiring harness
- * - Only models with park assist steering

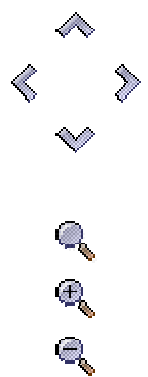
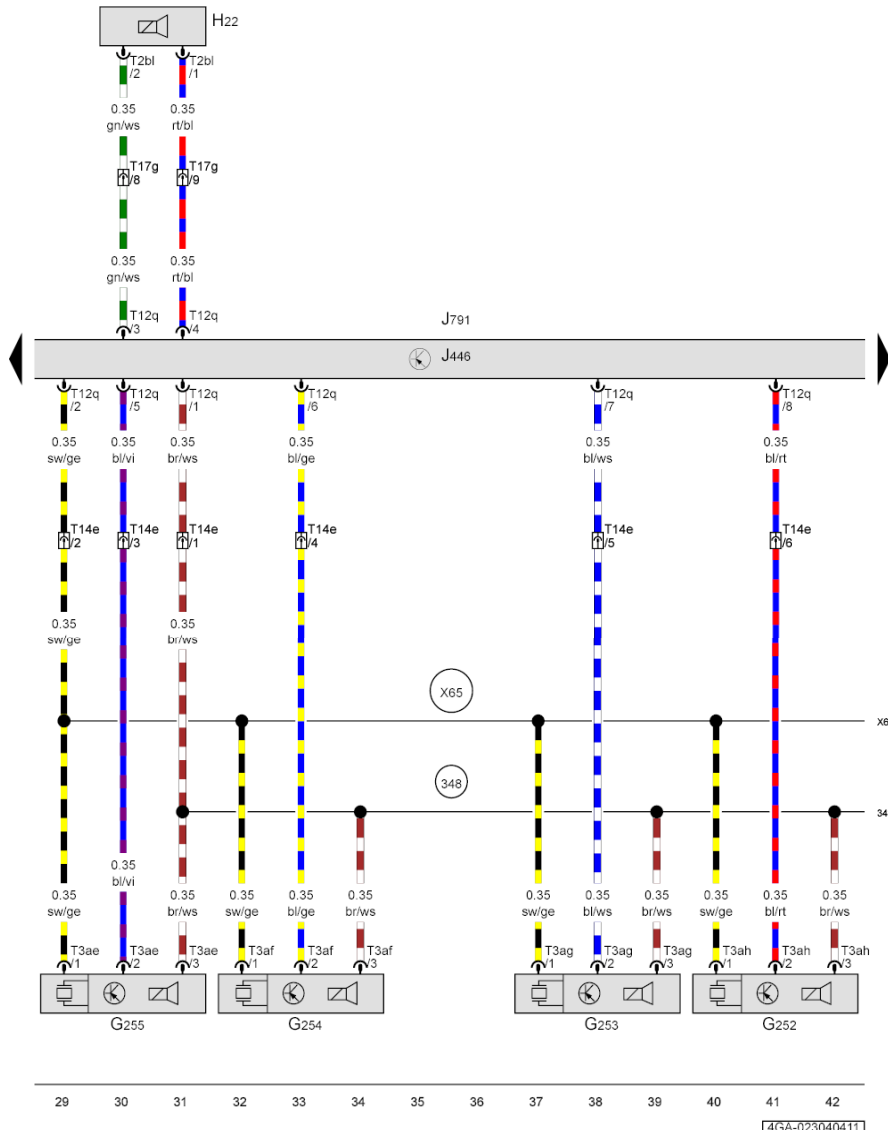


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Audi A7

Current Flow Diagram

No. 23 / 4



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

Front right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Front parking aid warning buzzer, Parking aid control unit, Park assist steering control unit






- G252 - Front right parking aid sender
- G253 - Front centre right parking aid sender
- G254 - Front centre left parking aid sender
- G255 - Front left parking aid sender
- H22 - Front parking aid warning buzzer
- J446 - Parking aid control unit
- J791 - Park assist steering control unit
- T2bl - 2-pin connector
- T3ae - 3-pin connector
- T3af - 3-pin connector
- T3ag - 3-pin connector
- T3ah - 3-pin connector
- T12q - 12-pin connector
- T14e - 14-pin connector, behind front bumper on right
- T17g - 17-pin connector, in left A-pillar coupling station
- 348 - Earth connection (parking aid), in front bumper wiring harness
- X65 - Connection (parking aid), in front bumper wiring harness

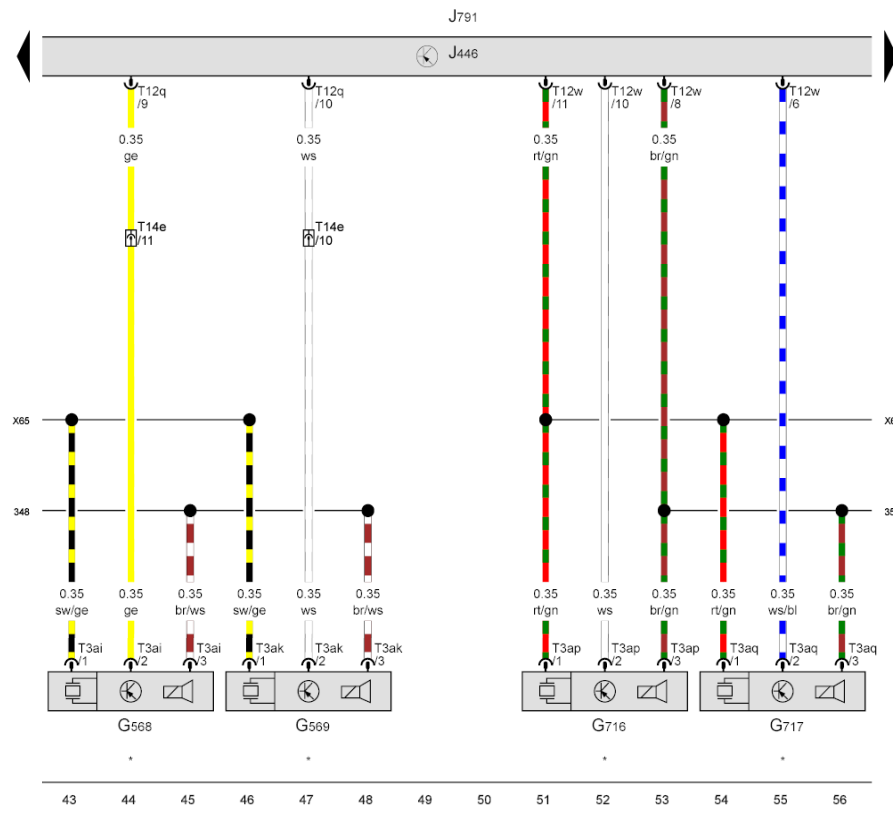
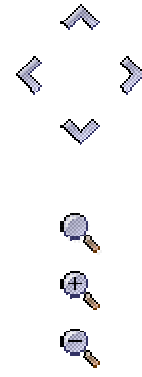
Audi A7

Current Flow Diagram

No. 23 / 5

Front left sender for park assist steering on left side of vehicle, Rear left park assist steering sender, Parking aid control unit, Park assist steering control unit

- G568 - Front left sender for park assist steering on left side of vehicle
- G569 - Front right sender for park assist steering on right side of vehicle
- G716 - Rear left park assist steering sender
- G717 - Rear right park assist steering sender
- J446 - Parking aid control unit 
- J791 - Park assist steering control unit 
- T3ai - 3-pin connector
- T3ak - 3-pin connector
- T3ap - 3-pin connector
- T3aq - 3-pin connector
- T12q - 12-pin connector 
- T12w - 12-pin connector 
- T14e - 14-pin connector, behind front bumper on right 



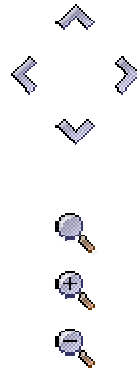
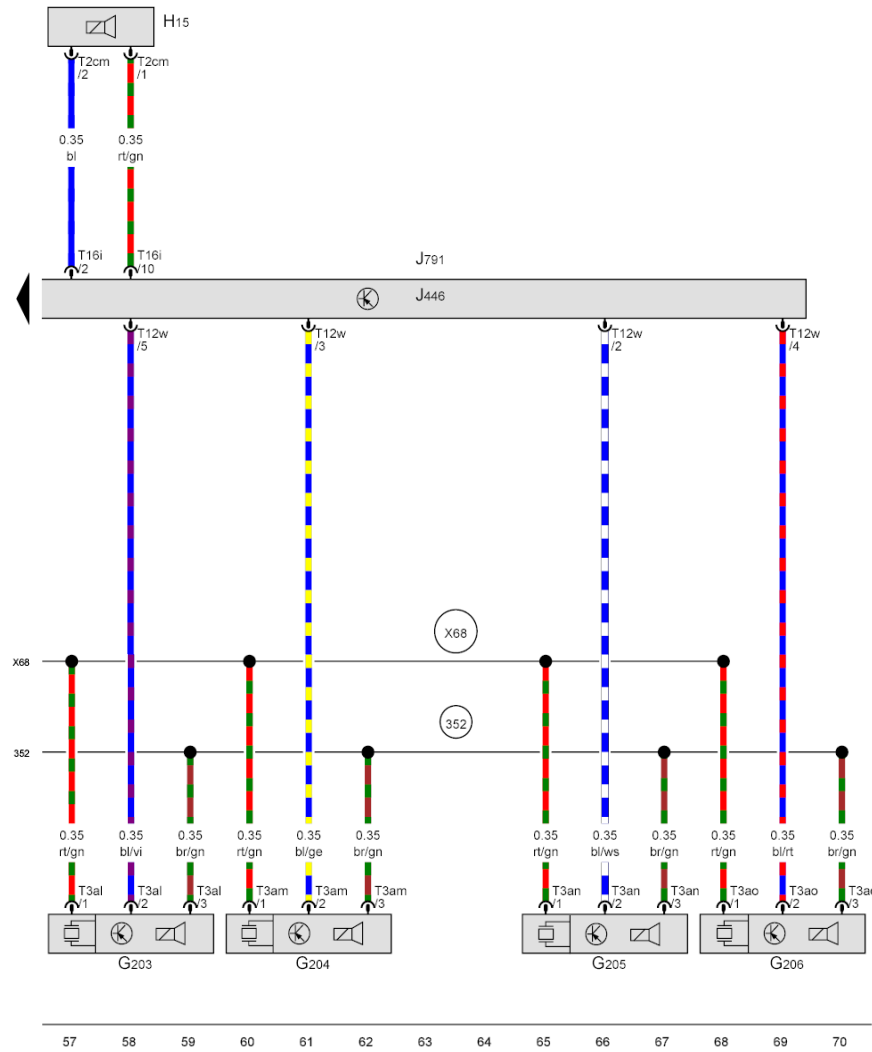
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

- 348 - Earth connection (parking aid), in front bumper wiring harness
- 352 - Earth connection (parking aid), in rear bumper wiring harness
- X65 - Connection (parking aid), in front bumper wiring harness
- X68 - Positive connection (parking aid), in rear bumper wiring harness
- * - Only models with park assist steering

Audi A7

Current Flow Diagram

No. 23 / 6



Rear centre left parking aid sender, Rear right parking aid sender, Rear parking aid warning buzzer, Parking aid control unit, Park assist steering control unit

- G203 - Rear left parking aid sender
- G204 - Rear centre left parking aid sender
- G205 - Rear centre right parking aid sender
- G206 - Rear right parking aid sender
- H15 - Rear parking aid warning buzzer
- J446 - Parking aid control unit
- J791 - Park assist steering control unit
- T2cm - 2-pin connector
- T3al - 3-pin connector
- T3am - 3-pin connector
- T3an - 3-pin connector
- T3ao - 3-pin connector
- T12w - 12-pin connector
- T16i - 16-pin connector
- 352 - Earth connection (parking aid), in rear bumper wiring harness
- X68 - Positive connection (parking aid), in rear bumper wiring harness

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