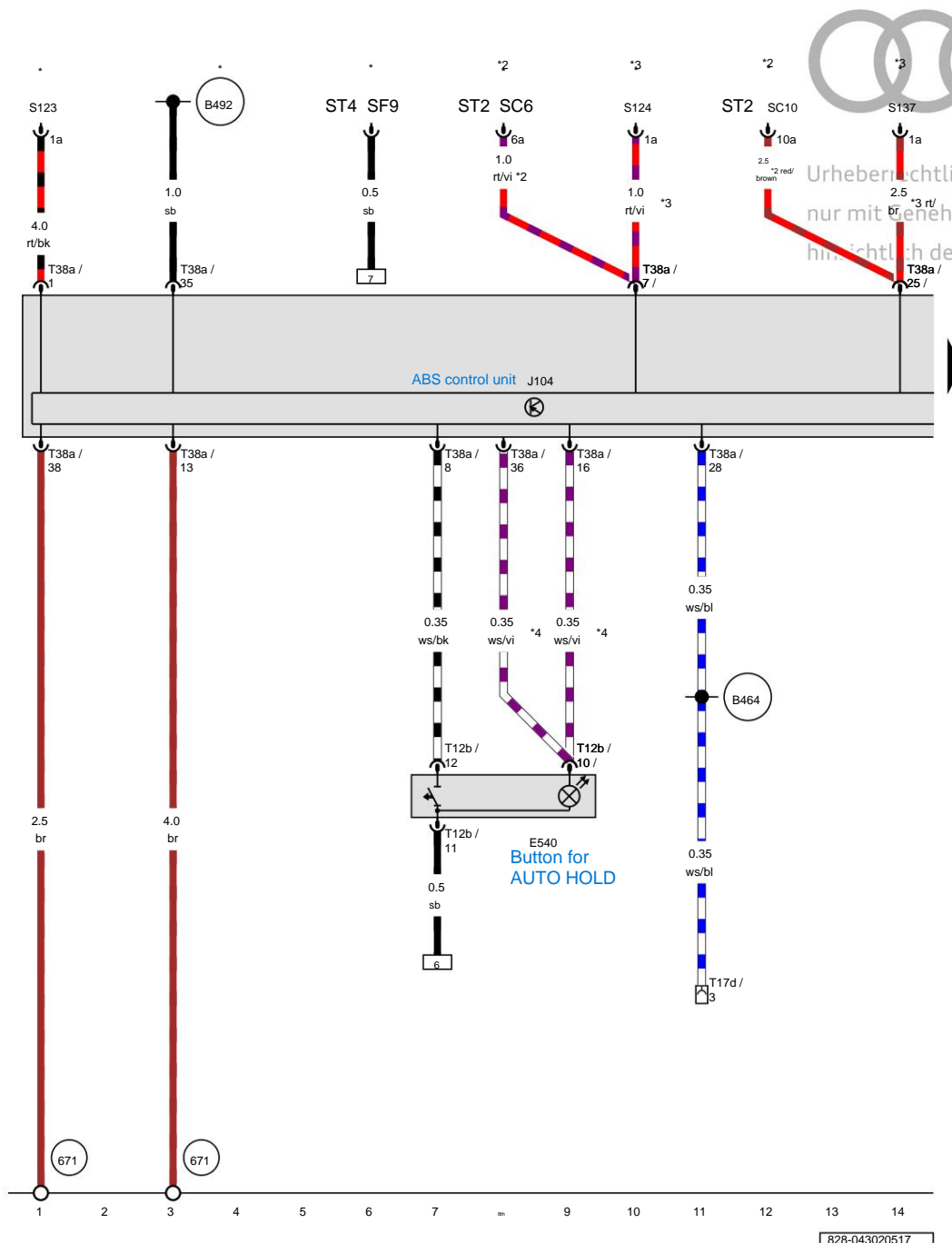


Anti-lock braking system (ABS) with electronic stabilization program (ESP)

from September 2007



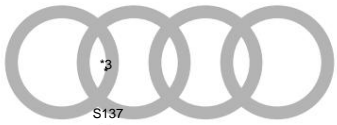
Urheberrechtlich geschützt. Kopieren für private und gewerbliche Zwecke, auch auszugsweise, nur mit Genehmigung der Audi AG. Die Audi AG gibt keine Gewährleistung oder Garantie hinsichtlich der Richtigkeit der Angaben auf diesem Dokument. Copyright bei Audi AG.



Button for AUTO HOLD, control unit for ABS, fuse 1 for ABS control unit

- E540 Button for AUTO HOLD
- J104 ABS control unit
- ST2 fuse carrier 2
- ST4 fuse carrier 4
- SC6 Fuse 6 on fuse holder C
- SF9 fuse 9 on fuse holder F
- SC10 Fuse 10 on fuse holder C
- S123 Fuse 1 for ABS control unit
- S124 Fuse 2 for ABS control unit
- S137 Fuse 3 for ABS control unit
- T12b connector, 12-way
- T17d connector, 17-way, brown
- T38a connector, 38-way

- 671 Ground point 1 on the front left side member
 - B464 Connection (speed signal) in the main line
 - B492 Positive connection 3 (15) in the interior wiring harness
- * see valid circuit diagram for fuse assignment *2 only for left-hand drive vehicles *3 only for right-hand drive vehicles *4 depending on equipment



Urheberrechtlich geschützt. Kopieren für private und gewerbliche Zwecke, auch auszugsweise, nur mit Genehmigung der Audi AG. Die Audi AG übernimmt keine Gewährleistung oder Garantie hinsichtlich der Richtigkeit der Angaben.

Button for ASR and electronic
Stabilization program, control unit for ABS

- E256 Button for ASR and electronic stabilization program
- J104 ABS control unit
- ST1 fuse carrier 1
- SD6 Fuse 6 on fuse holder D
- T8r connector, 8-way
- T17c connector, 17-way, black
- T17g connector, 17-way, black
- T38a connector, 38-way

81 Ground connection 1 in the control panel wiring harness

367 Ground connection 2 in the main cable harness

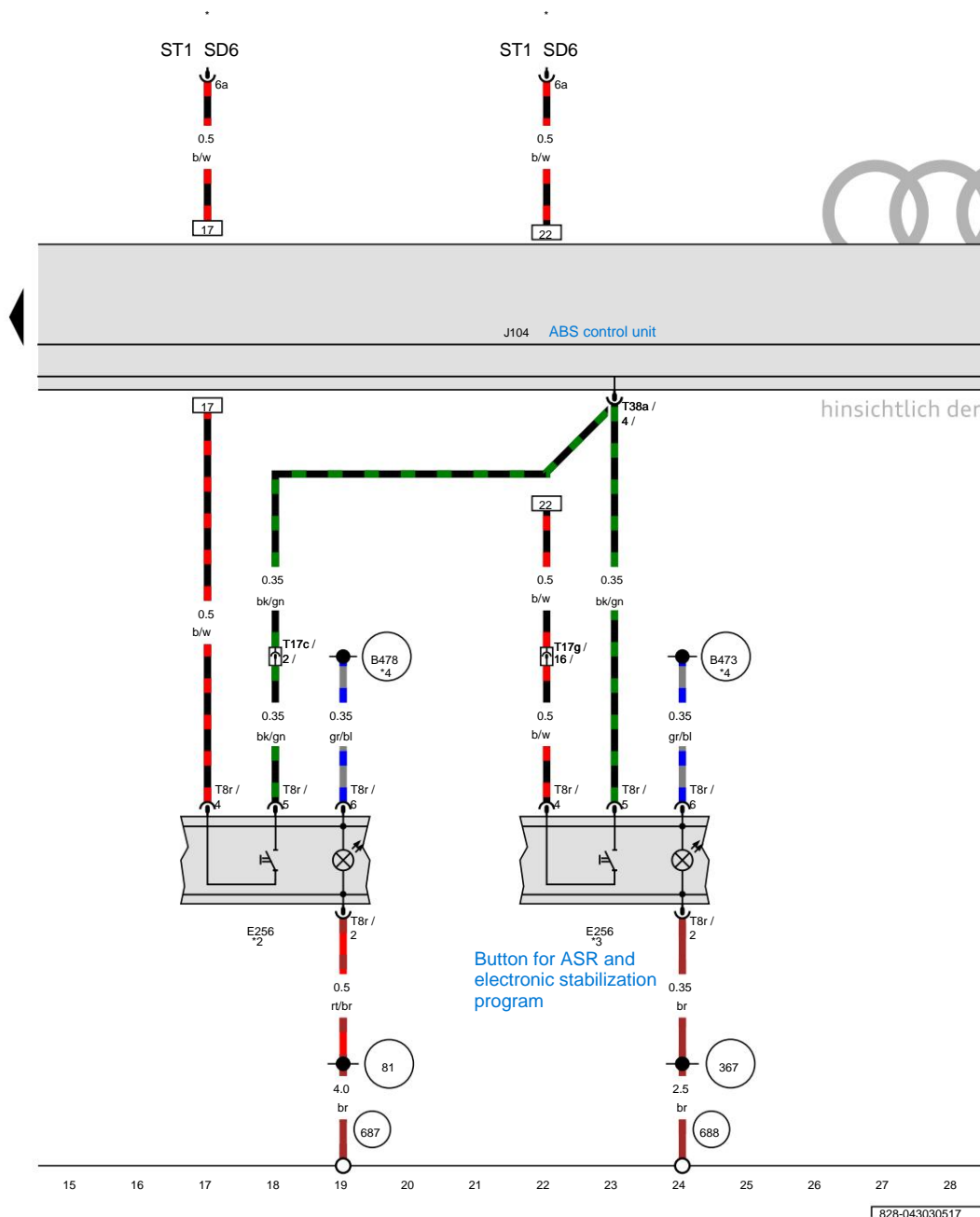
687 Ground point 1 on the center tunnel

688 Ground point 2 on the center tunnel

B473 Connection 9 in the main line

B478 Connection 14 in the main line

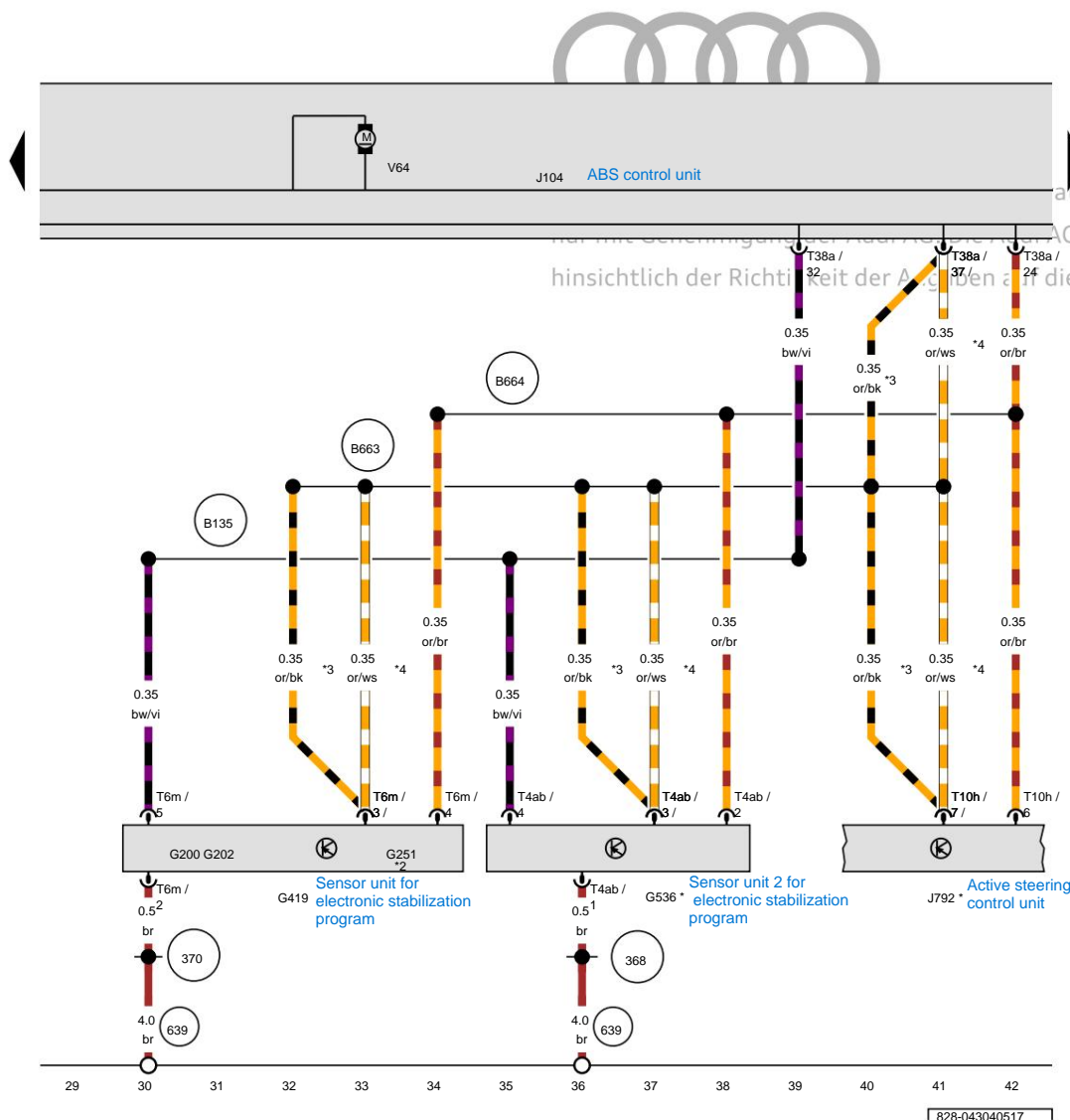
see valid circuit diagram for fuse assignment *2 only for vehicles with navigation system *3 only for vehicles without navigation system *4 see valid circuit diagram for basic equipment



828-043030517

Sensor unit for electronic stabilization program,
 Sensor unit 2 for electronic
 Stabilization program, ABS control unit,
 Control unit for active steering, hydraulic pump for ABS

- G200 Lateral acceleration sensor
- G202 rotary encoder
- G251 Longitudinal acceleration sensor
- G419 Sensor unit for electronic stabilization program
- G536 Sensor unit 2 for electronic stabilization program
- J104 ABS control unit
- J792 Active steering control unit
- T4ab connector, 4-way
- T6m connector, 6-way
- T10h connector, 10-way
- T38a connector, 38-way
- V64 hydraulic pump for ABS

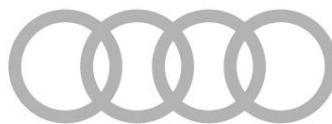


...ate und gewerbliche Zwecke. Audi AG gibt keine Gewährleistung oder Garantie hinsichtlich der Richtigkeit der Angaben in diesem Dokument. Copyright bei Audi AG.

- 368 Ground connection 3 in the main cable harness
- 370 Ground connection 5 in the main cable harness
- 639 Ground point on the A-pillar left
- B135 Connection 1 (15a) in the interior wiring harness
- B663 Connection (CAN bus chassis sensors high) in Main line
- B664 Connection (CAN bus chassis sensors low) in Main line
- * Special equipment *2
 only for vehicles with four-wheel drive *3 not applicable *4 flexible use

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



Urheberrechtlich geschützt. Kopieren für private und gewerbliche Zwecke, auch auszugsweise, nur mit Genehmigung der Audi AG. Die Audi AG gibt keine Gewährleistung oder Garantie der Angaben auf diesem Dokument. Copyright bei Audi AG.

Speed sensor rear right, speed sensor front right,
 Speed sensor rear left, speed sensor front left,
 Control unit for ABS, hydraulic unit for ABS, inlet valve for ABS front right, outlet valve for ABS front right,
 Inlet valve for ABS front left, outlet valve for ABS front left, inlet valve for ABS rear right, inlet valve for ABS rear left, outlet valve for ABS rear right,
 Exhaust valve for ABS rear left

G44 Speed sensor rear right
 G45 Speed sensor front right
 G46 Speed sensor rear left
 G47 Speed sensor front left

J104 ABS control unit
 N55 Hydraulic unit for ABS
 N99 Inlet valve for ABS front right
 N100 Exhaust valve for ABS front right
 N101 Inlet valve for ABS front left
 N102 Exhaust valve for ABS front left
 N133 Inlet valve for ABS rear right
 N134 Inlet valve for ABS rear left
 N135 ABS outlet valve rear right
 N136 ABS outlet valve rear left

T38a connector, 38-way

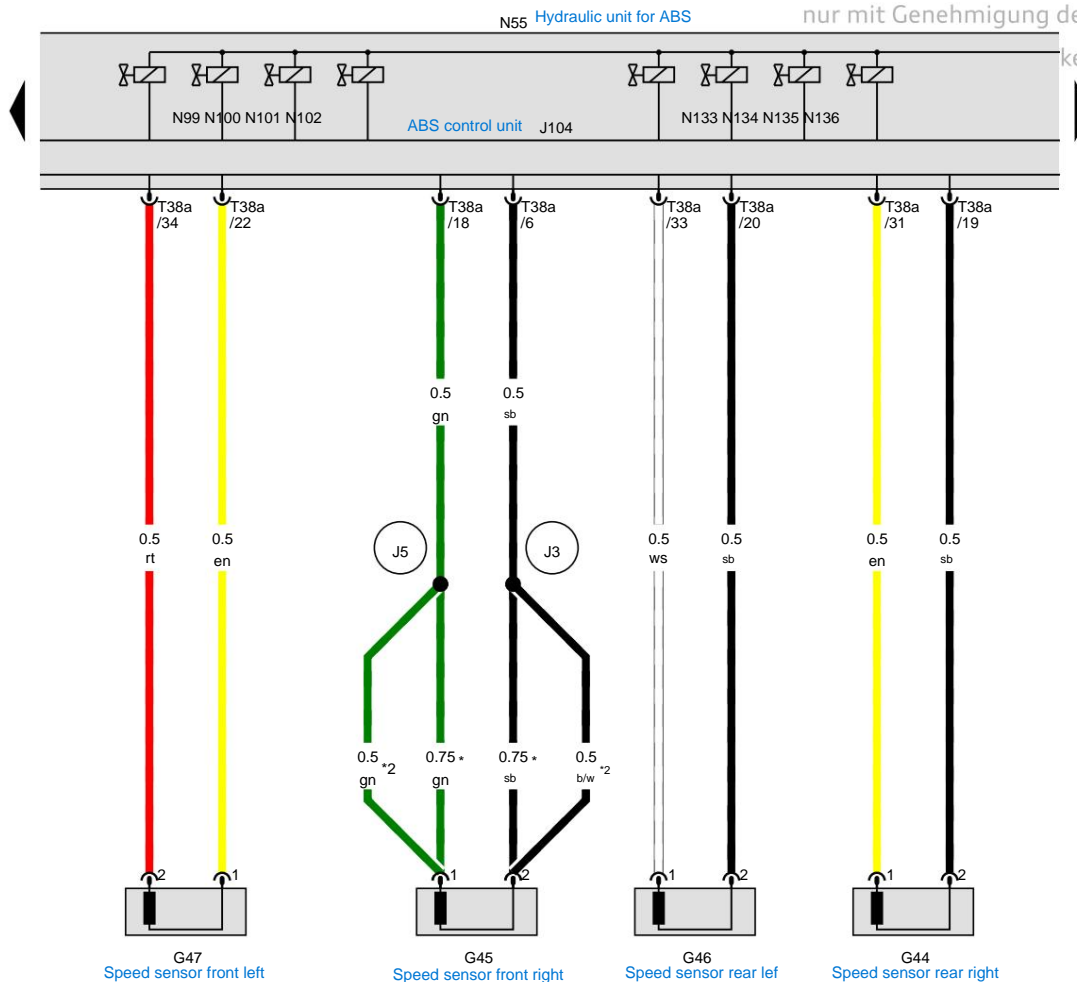
J3 Connection 1 in the ABS wiring harness

J5 Connection 2 in the ABS wiring harness

* only for vehicles without electronically controlled damping

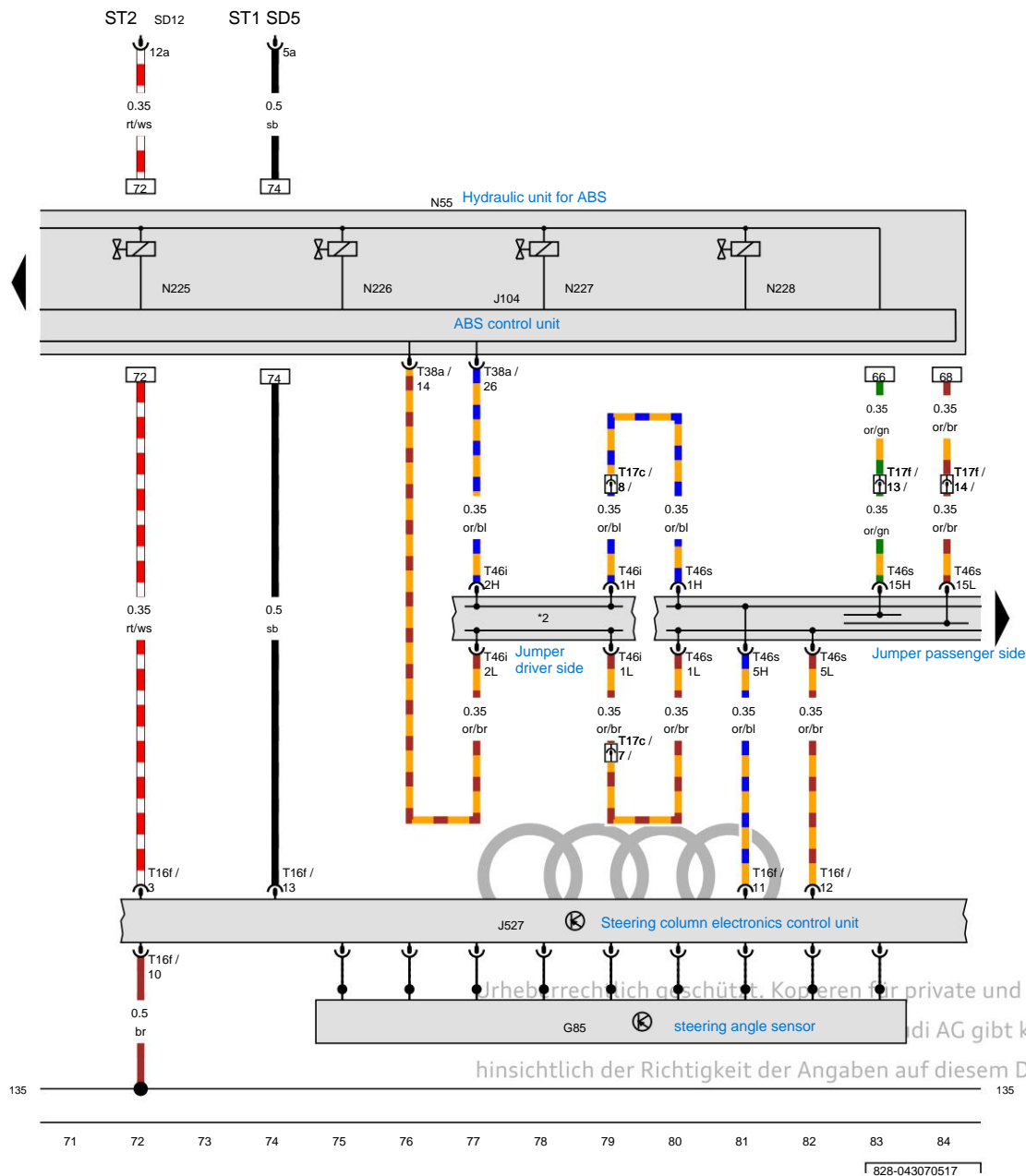
*2 only for vehicles with electronically controlled damping

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



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

828-043050517



Steering angle sensor, control unit for ABS, control unit for Steering column electronics, hydraulic unit for ABS, Switching valve 1 for driving dynamics control, switching valve 2 for Driving dynamics control, high pressure switching valve 1 for Driving dynamics control, high pressure switching valve 2 for Driving dynamics control

- G85 steering angle sensor
- J104 ABS control unit
- J527 Steering column electronics control unit
- N55 Hydraulic unit for ABS
- N225 Switching valve 1 for vehicle dynamics control
- N226 Switching valve 2 for vehicle dynamics control
- N227 High pressure switching valve 1 for vehicle dynamics control
- N228 High pressure switching valve 2 for vehicle dynamics control
- ST1 fuse carrier 1
- ST2 fuse carrier 2
- SD5 Fuse 5 on fuse holder D
- SD12 Fuse 12 on fuse holder D
- T16f connector, 16-way
- T17c connector, 17-way, black
- T17f connector, 17-way, brown
- T38a connector, 38-way
- T46i connector, 46-way
- T46s connector, 46-way

135 Ground connection 2 in the control panel wiring harness
 * see valid circuit diagram for fuse assignment
 *2 see valid circuit diagram for CAN isolation plug

- 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

hinsichtlich der Richtigkeit der Angaben auf diesem Diagramm. Audi AG gibt keine Gewährleistung oder Garantie

Control unit in the dashboard, diagnostic interface for Data bus, indicator light for ABS, indicator light for electronic stabilization program and ASR

- J285 Control unit in the dash panel insert
- J533 Diagnostic interface for data bus
- K47 ABS indicator light
- K155 Indicator light for electronic stabilization program and ASR

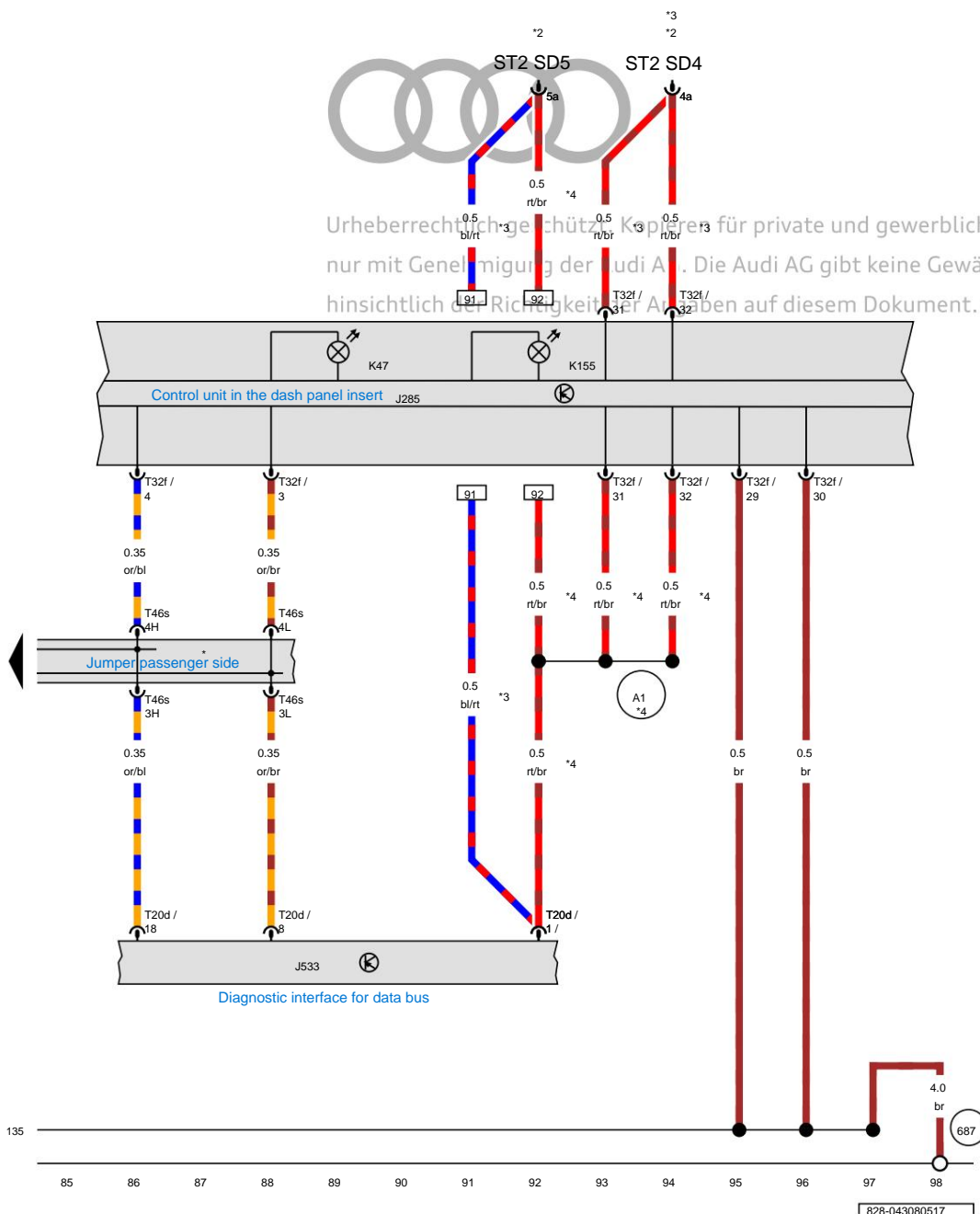
- ST2 fuse carrier 2
- SD4 Fuse 4 on fuse holder D
- SD5 Fuse 5 on fuse holder D
- T20d connector, 20-way
- T32f connector, 32-way
- T46s connector, 46-way

135 Ground connection 2 in the control panel wiring harness

687 Ground point 1 on the center tunnel

A1 Plus connection (30a) in the control panel wiring harness

* see valid circuit diagram for CAN disconnect plug *2 see valid circuit diagram for fuse assignment *3 from May 2009 *4 until April 2009



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

828-043080517