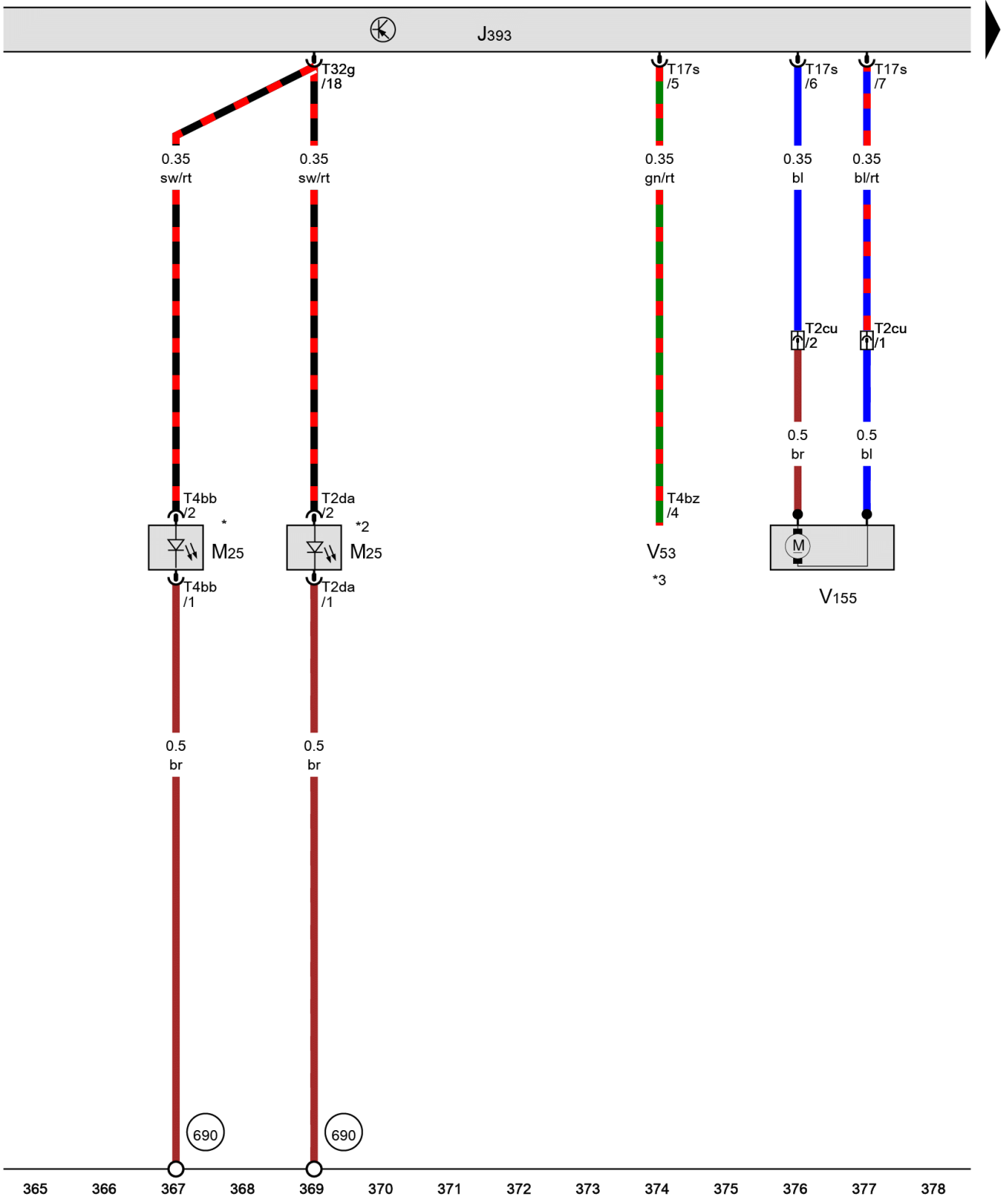
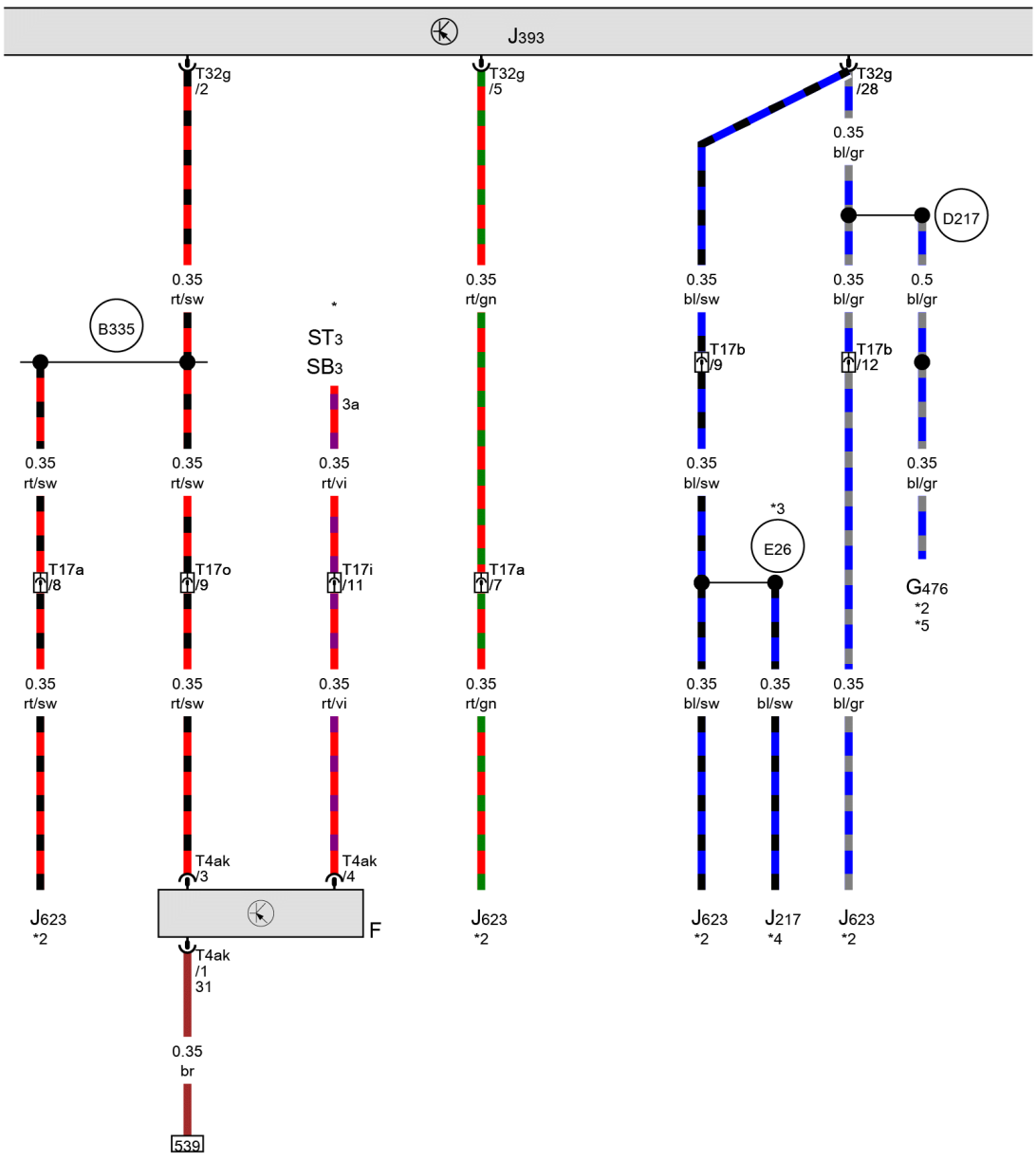


J393	Comfort system central control module	ws	=	white
M25	High-mounted brake lamp bulb	sw	=	black
T2cu	Double connector	ro	=	red
T2da	Double connector	rt	=	red
T4bb	4-pin connector	br	=	brown
T4bz	4-pin connector	gn	=	green
T17s	17-pin connector	bl	=	blue
T32g	32-pin connector	gr	=	grey
V53	Rear lid central locking system motor	li	=	lilac
V155	Fuel filler door unlock motor	vi	=	lilac
		ge	=	yellow
690	Ground connection on roof frame, center rear	or	=	orange
		rs	=	pink

* Only for vehicles with insulating glass

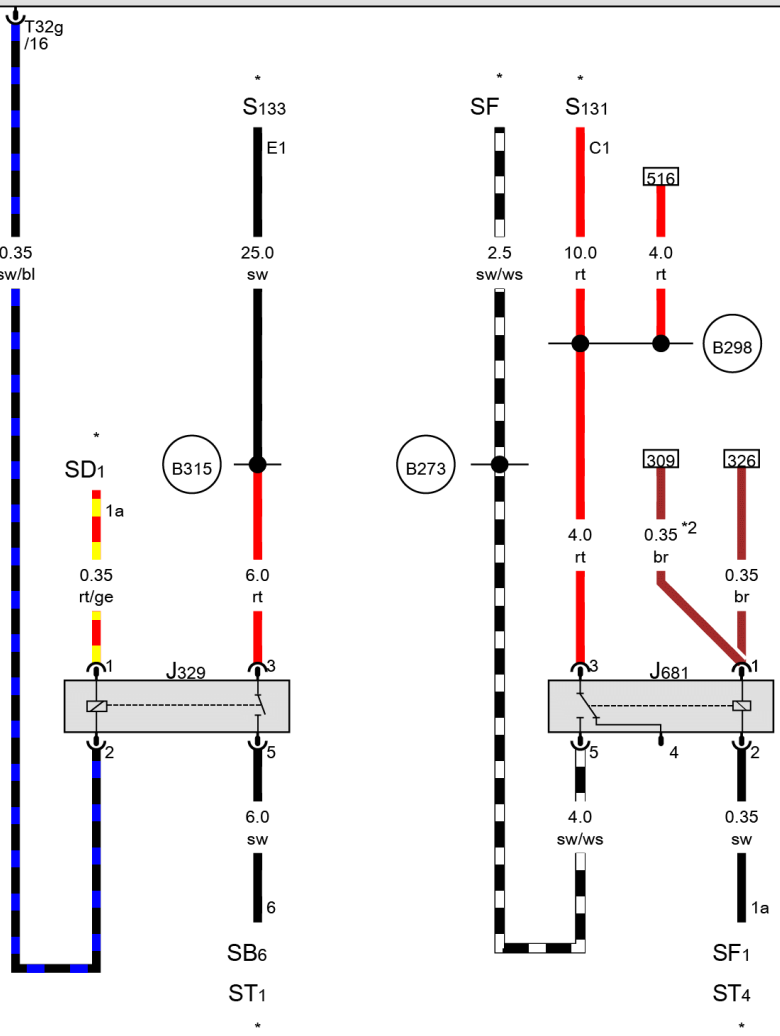
*2 Only for vehicles with heat absorbing glass

*3 Refer to applicable convenience system wiring diagram



379 380 381 382 383 384 385 386 387 388 389 390 391 392

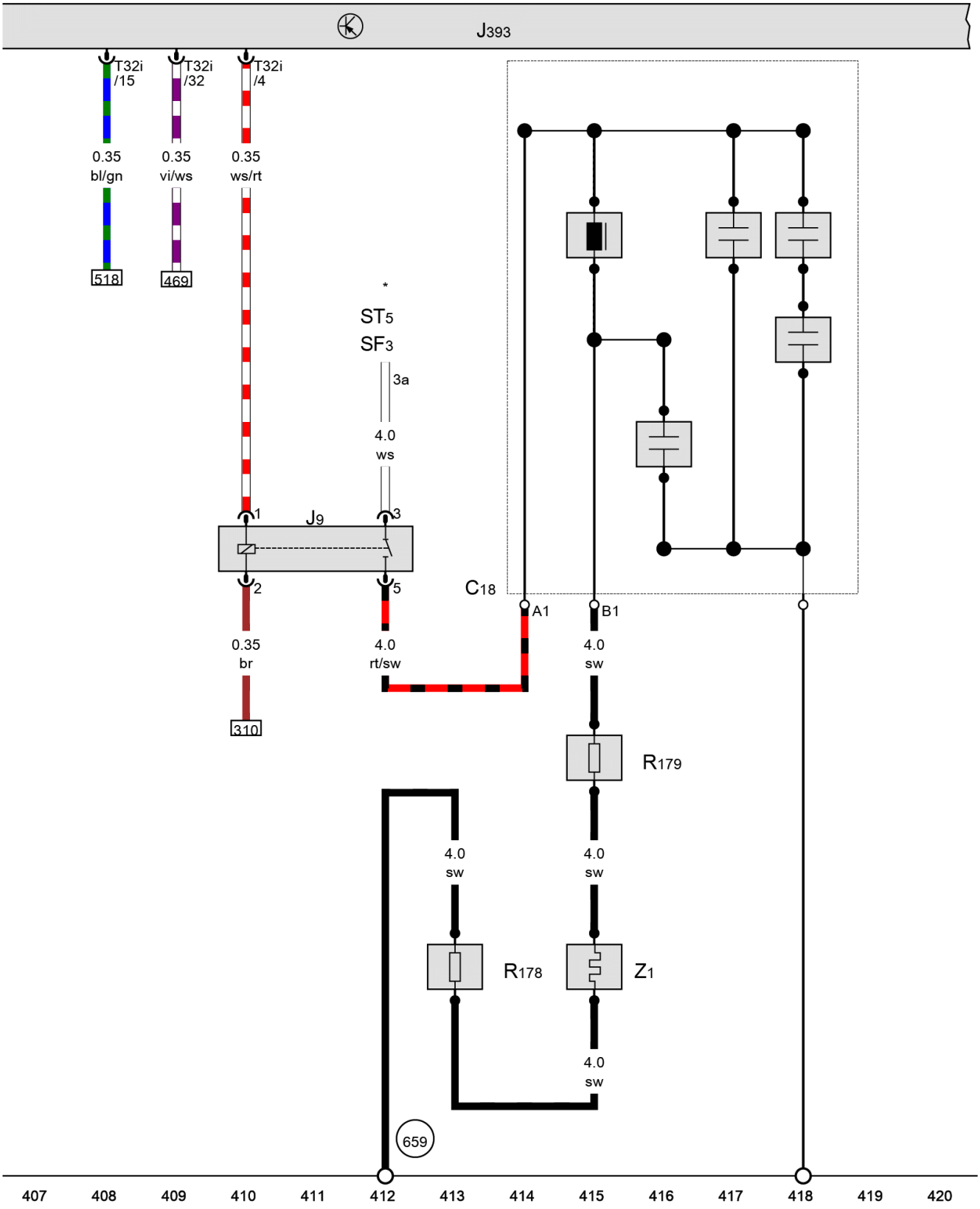
F	Brake lamp switch	ws	=	white
G476	Clutch position sensor	sw	=	black
J217	Transmission control module	ro	=	red
J393	Comfort system central control module	rt	=	red
J623	Engine control module	br	=	brown
ST3	Fuse panel 3	gn	=	green
SB3	Fuse 3 (on fuse panel B)	bl	=	blue
T4ak	4-pin connector	gr	=	grey
T17a	17-pin connector, Left plenum chamber E-box connector station	li	=	lilac
T17b	17-pin connector, Left plenum chamber E-box connector station	vi	=	lilac
T17i	17-pin connector, in the left A-pillar connector station	ge	=	yellow
T17o	17-pin connector, in the connector station, right A-pillar	or	=	orange
T32g	32-pin connector	rs	=	pink
B335	Connection 54 (in main wiring harness) 1			
D217	Selector lever P/N position connection (in main wiring harness)			
E26	Selector lever P/N position connection (in Motronic multiform fuel injection wiring harness)			
*	Refer to applicable wiring diagram for fuse positions			
*2	Refer to applicable engine wiring diagram			
*3	Only for vehicles with automatic transmission			
*4	Refer to applicable wiring diagram for automatic transmission			
*5	Only for vehicles with a manual transmission			



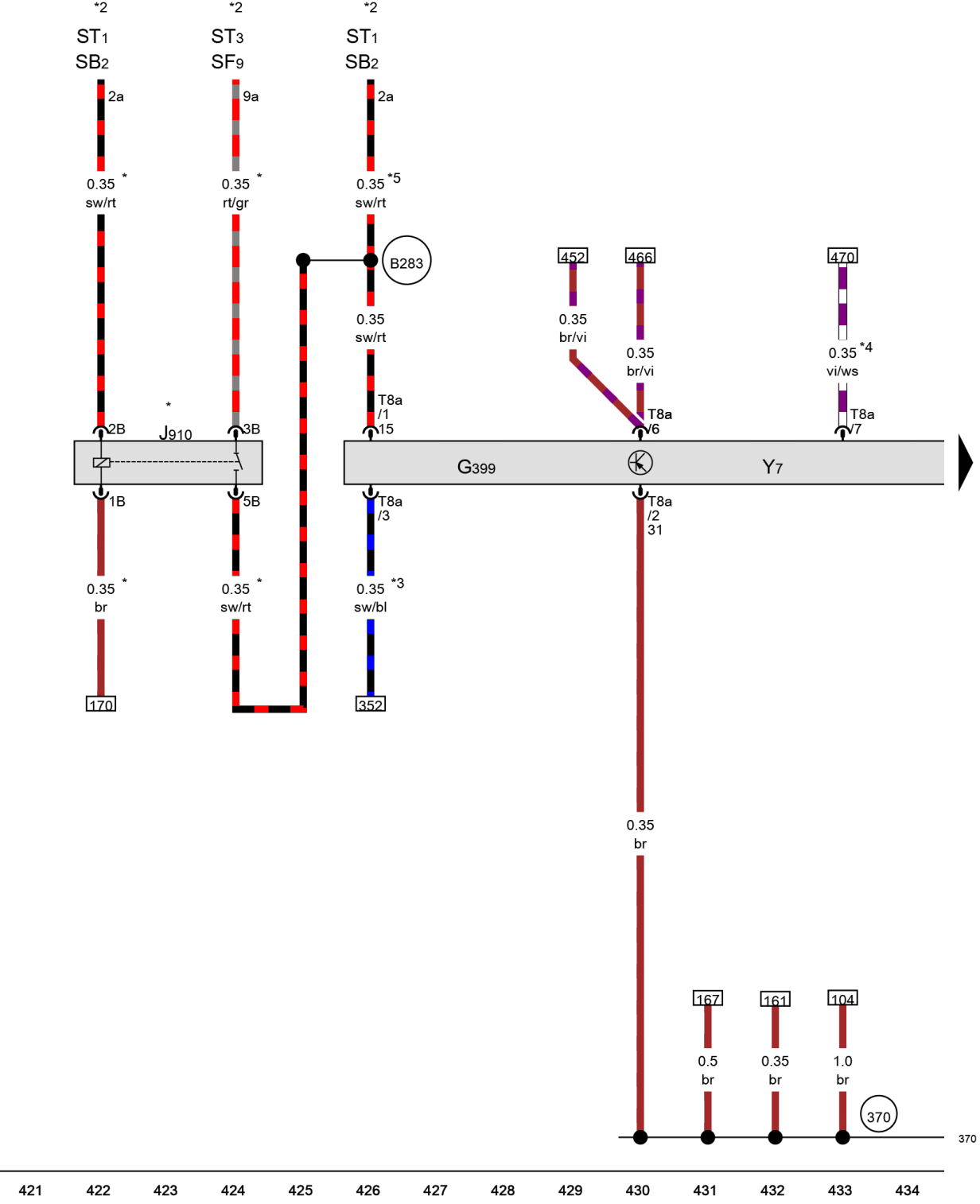
393 394 395 396 397 398 399 400 401 402 403 404 405 406

J329	Terminal 15 power supply relay
J393	Comfort system central control module
J681	Terminal 15 power supply relay 2
SF1	Fuse 1 (on fuse panel F)
SD1	Fuse 1 (on fuse panel D)
SF	Fuse panel F
ST1	Fuse panel 1
ST4	Fuse panel 4
SB6	Fuse 6 (on fuse panel B)
S131	Safety fuse 1
S133	Safety fuse 3
T32g	32-pin connector
B273	Positive connection (15) (in main wiring harness)
B298	Positive connection 2 (30) (in main wiring harness)
B315	Positive connection 1 (30a) (in main wiring harness)
*	Refer to applicable wiring diagram for fuse positions
*2	Avant

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



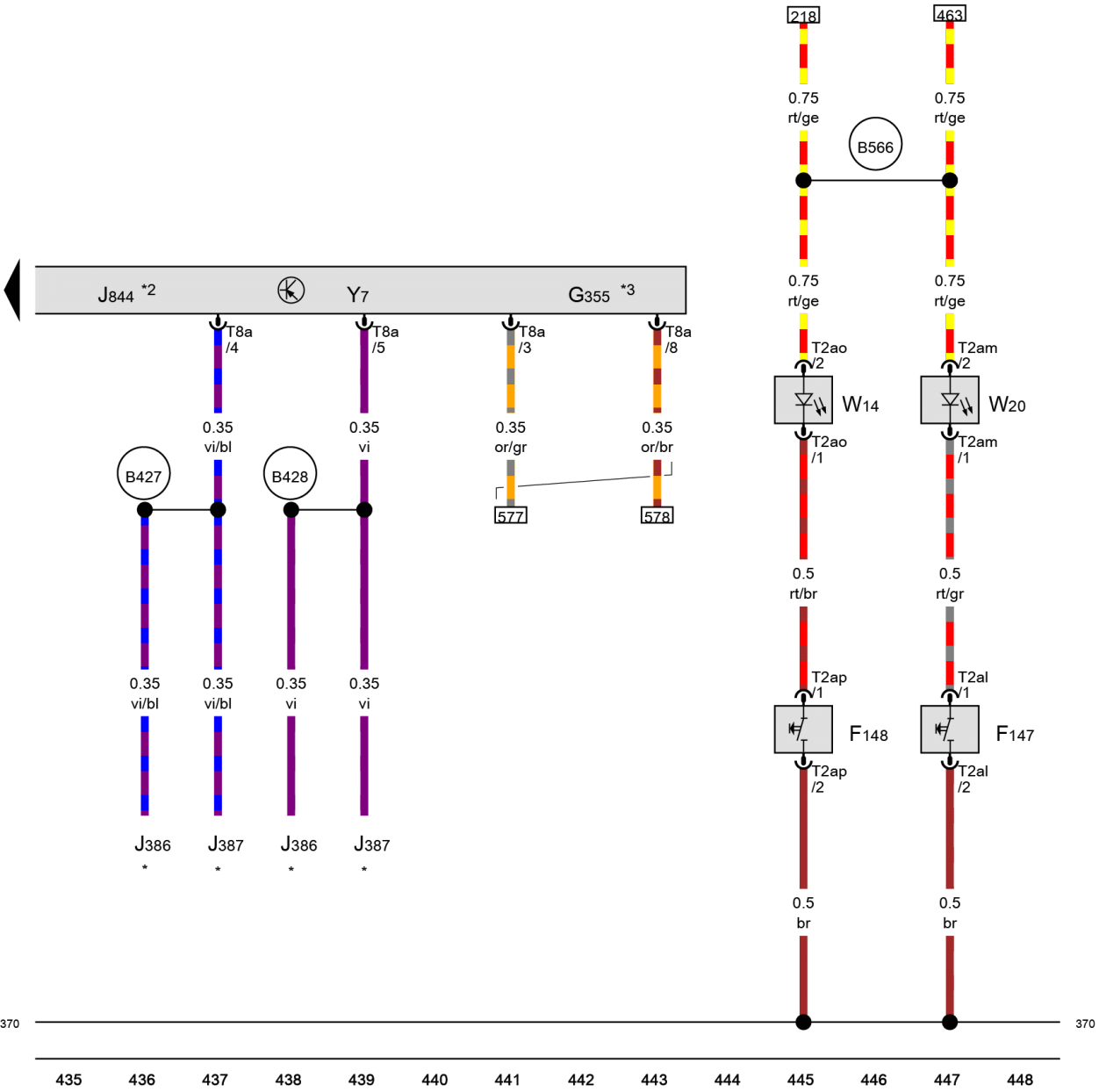
C18	Windshield antenna suppression filter		ws	=	white
J9	Rear window defogger relay		sw	=	black
J393	Comfort system central control module		ro	=	red
R178	FM frequency filter in negative wire		rt	=	red
R179	FM frequency filter in positive wire		br	=	brown
SF3	Fuse 3 (on fuse panel F)		gn	=	green
ST5	Fuse panel 5		bl	=	blue
T32i	32-pin connector		gr	=	grey
Z1	Rear window defogger		li	=	lilac
			vi	=	lilac
659	Ground connection 1 near right rear window		ge	=	yellow
			or	=	orange
*	Refer to applicable wiring diagram for fuse positions		rs	=	pink



G399	Light recognition sensor
J910	Automatic dimming interior rearview mirror relay
ST1	Fuse panel 1
SB2	Fuse 2 (on fuse panel B)
ST3	Fuse panel 3
SF9	Fuse 9 (on fuse panel F)
T8a	8-pin connector
Y7	Automatic dimming interior rearview mirror
370	Ground connection 5 (in main wiring harness)
B283	Positive connection 7 (15a) (in main wiring harness)

*	Only for vehicles with automatic dimming interior rearview mirror
*2	Refer to applicable wiring diagram for fuse positions
*3	Only for vehicles without high beam assist
*4	Through May 2012
*5	Not for vehicles with automatic dimming interior rearview mirror

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



F147	Driver vanity mirror lamp contact switch	ws	=	white
F148	Front passenger vanity mirror lamp contact switch	sw	=	black
G355	Humidity sensor	ro	=	red
J386	Driver door control module	rt	=	red
J387	Front passenger door control module	br	=	brown
J844	Automatic high beam assist control module	gn	=	green
T2al	Double connector	bl	=	blue
T2am	Double connector	gr	=	grey
T2ao	Double connector	li	=	lilac
T2ap	Double connector	vi	=	lilac
T8a	8-pin connector	ge	=	yellow
W14	Front passenger vanity mirror lamp	or	=	orange
W20	Driver vanity mirror lamp	rs	=	pink
Y7	Automatic dimming interior rearview mirror			

(370) Ground connection 5 (in main wiring harness)

(B427) Mirror auto-dimming signal connection 1 (in main wiring harness)

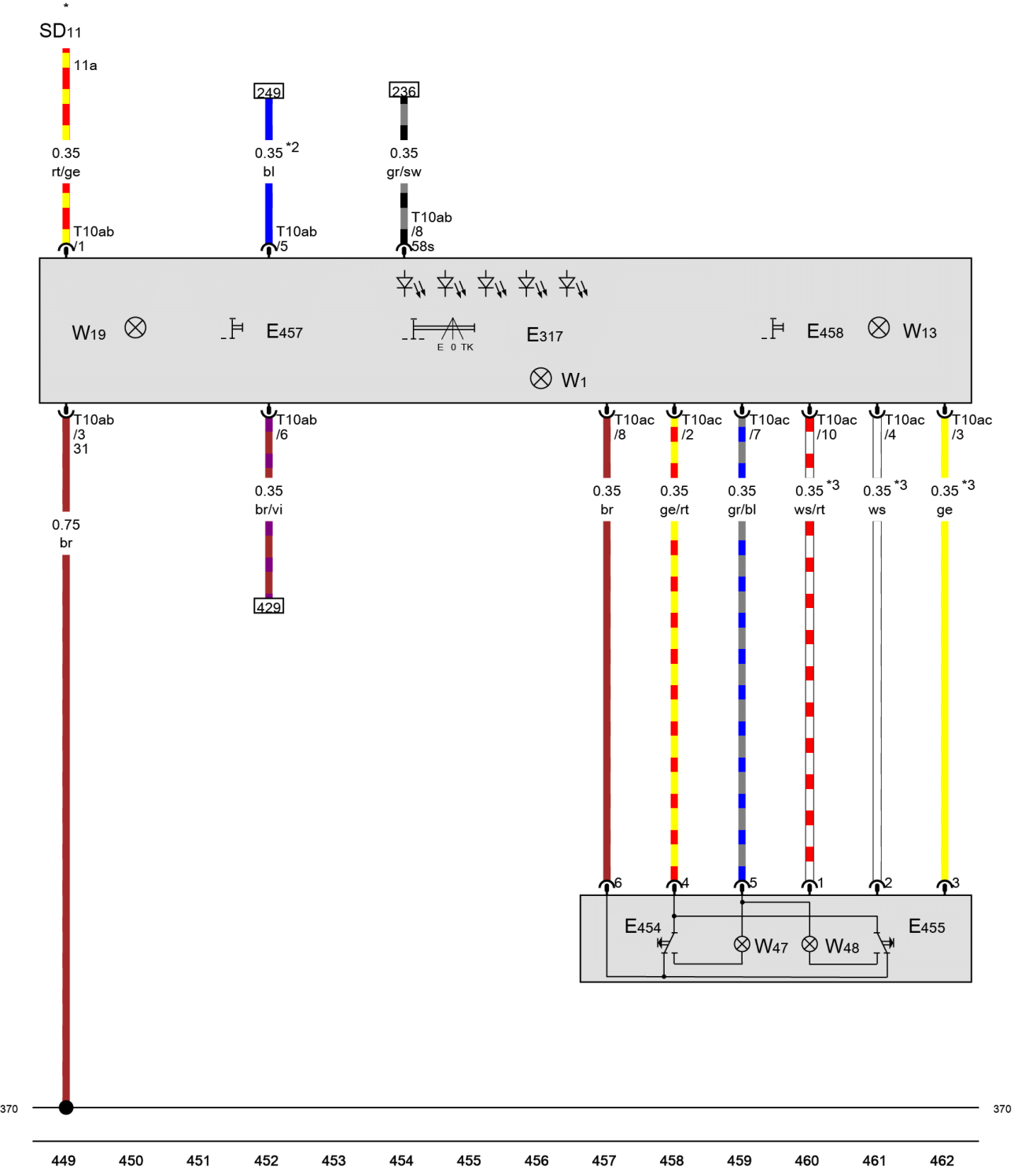
(B428) Mirror auto-dimming signal connection 2 (in main wiring harness)

(B566) Connection 33 (in main wiring harness)

* Refer to applicable convenience system wiring diagram

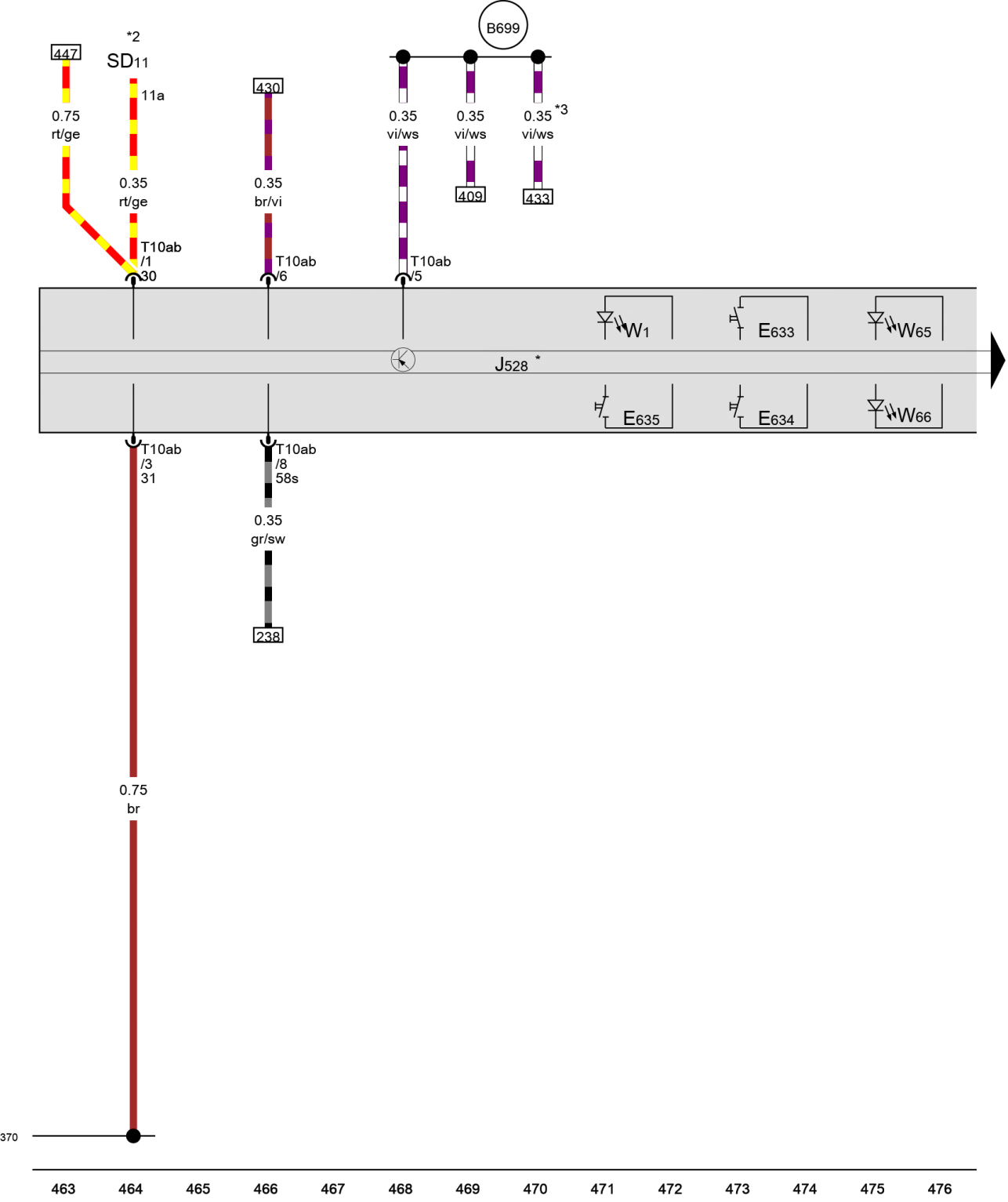
*2 Only for vehicles with high beam assist

*3 Only for vehicles with a humidity sensor



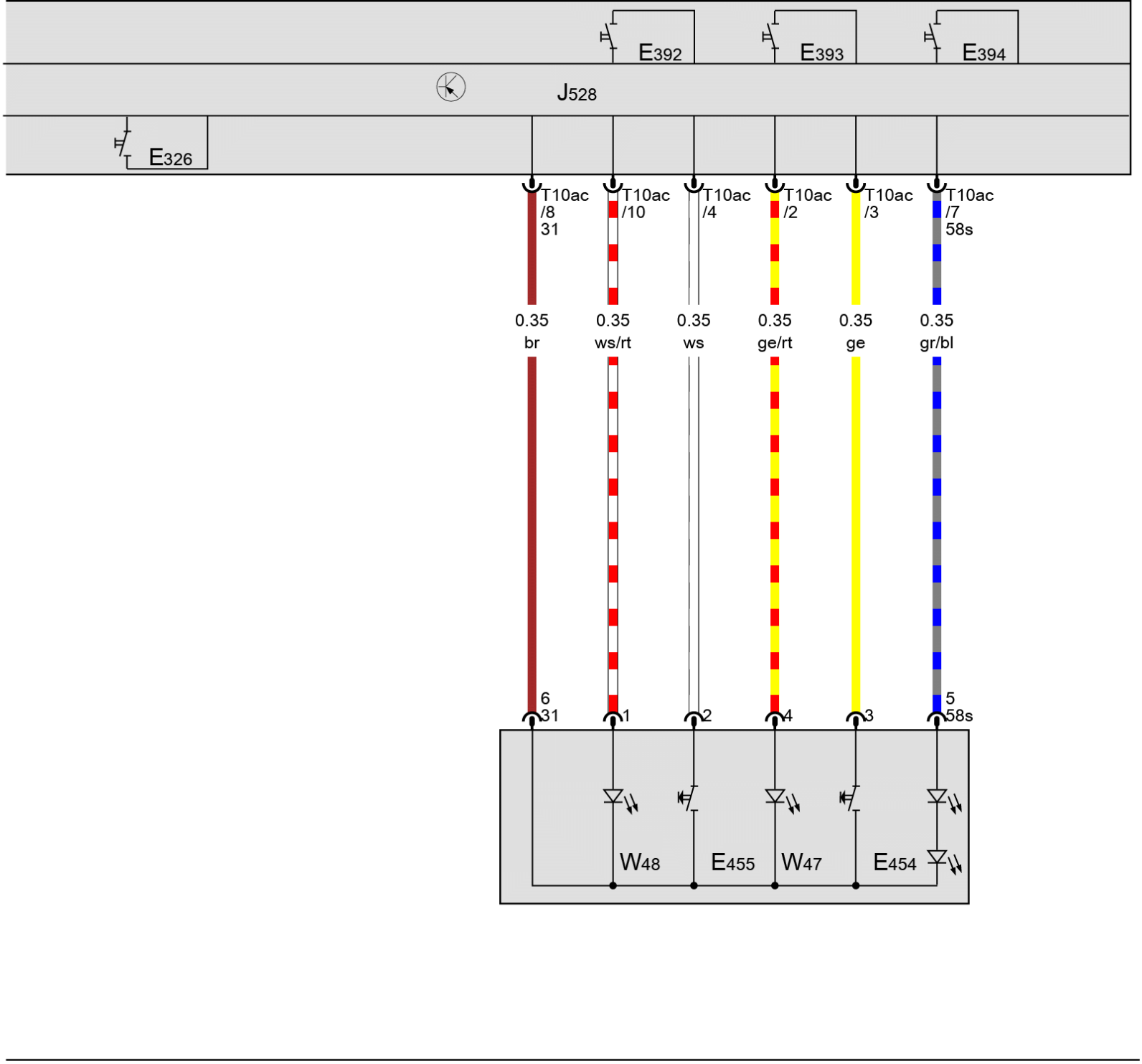
E317	Interior lighting switch
E454	Left rear reading lamp switch
E455	Right rear reading lamp switch 1
E457	Driver reading lamp button
E458	Front passenger reading lamp button
SD11	Fuse 11 (on fuse panel D)
T10ab	10-pin connector
T10ac	10-pin connector
W1	Front interior lamp
W13	Front passenger reading lamp
W19	Driver reading lamp
W47	Left rear interior lamp
W48	Right rear interior lamp
370	Ground connection 5 (in main wiring harness)
*	Refer to applicable wiring diagram for fuse positions
*2	The color of the wires depends on vehicle equipment
*3	Wire has no function

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



E633	Left front reading lamp button
E634	Right front reading lamp button
E635	Rear reading lamp front button
J528	Roof electronics control module
SD11	Fuse 11 (on fuse panel D)
T10ab	10-pin connector
W1	Front interior lamp
W65	Left front reading lamp
W66	Right front reading lamp
370	Ground connection 5 (in main wiring harness)
B699	LIN bus connection 4 (in main wiring harness)
*	Only for vehicles with Highline equipment
*2	Refer to applicable wiring diagram for fuse positions
*3	Through May 2012

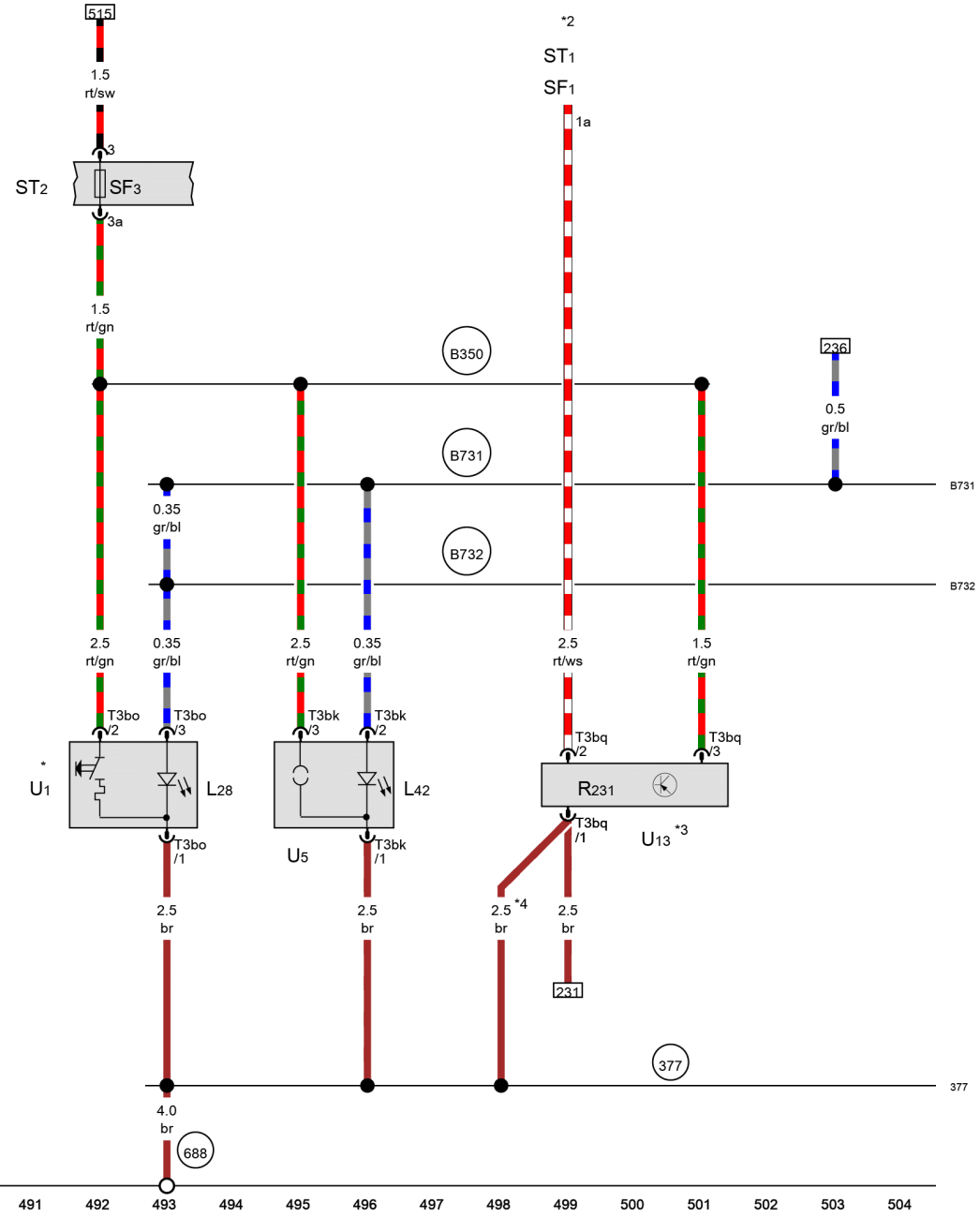
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	lilac
vi	=	lilac
ge	=	yellow
or	=	orange
rs	=	pink



477 478 479 480 481 482 483 484 485 486 487 488 489 490

E326	Front interior lamp button
E392	Garage door opener button 1
E393	Garage door opener button 2
E394	Garage door opener button 3
E454	Left rear reading lamp switch
E455	Right rear reading lamp switch 1
J528	Roof electronics control module
T10ac	10-pin connector
W47	Left rear interior lamp
W48	Right rear interior lamp

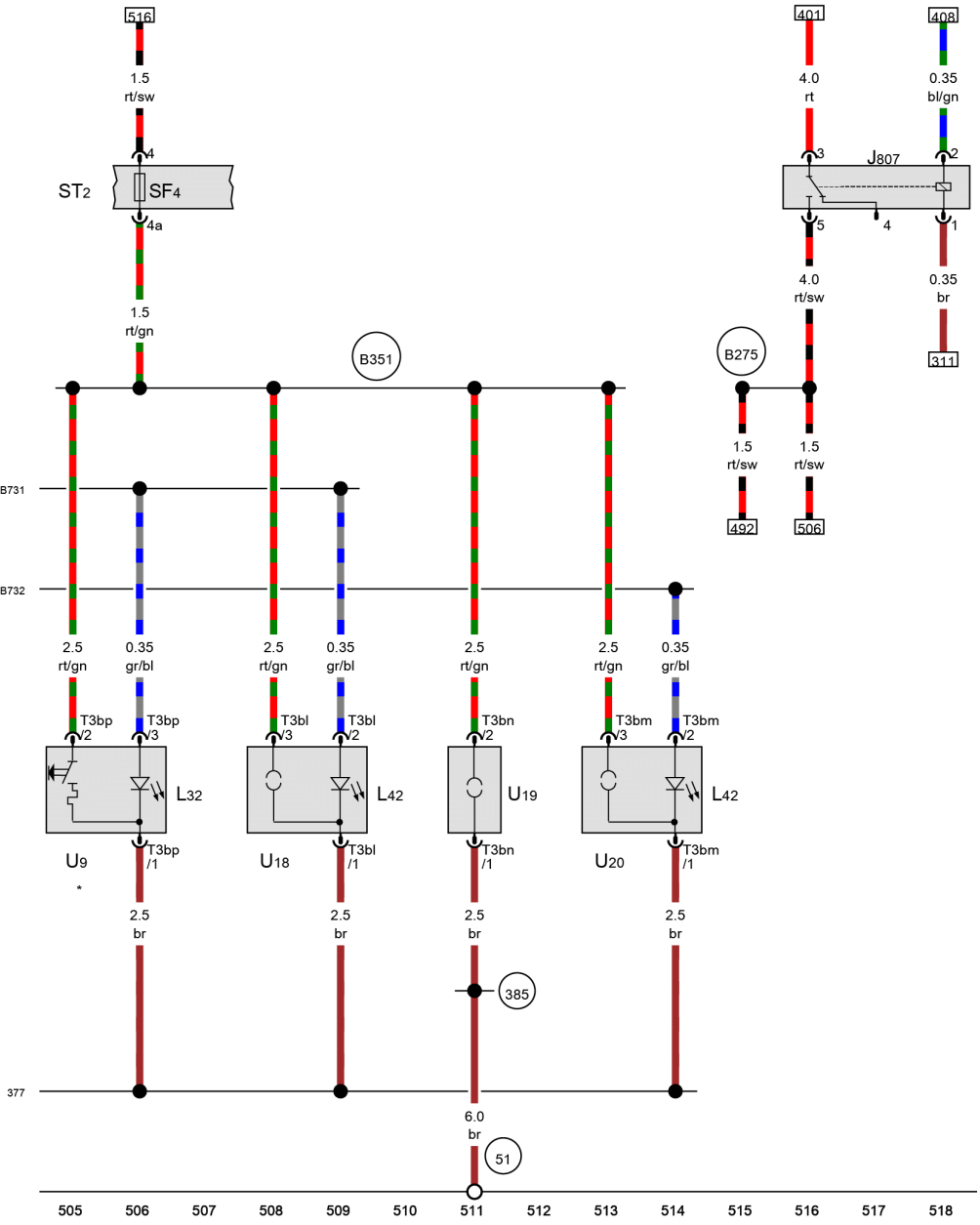
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	lilac
vi	=	lilac
ge	=	yellow
or	=	orange
rs	=	pink



L28	Cigarette lighter illumination bulb	ws	=	white
L42	Socket illumination bulb	sw	=	black
R231	External audio source connection 2	ro	=	red
SF1	Fuse 1 (on fuse panel F)	rt	=	red
ST1	Fuse panel 1	br	=	brown
ST2	Fuse panel 2	gn	=	green
SF3	Fuse 3 (on fuse panel F)	bl	=	blue
T3bk	3-pin connector	gr	=	grey
T3bo	3-pin connector	li	=	lilac
T3bq	3-pin connector	vi	=	lilac
U1	Cigarette lighter, in the front center console	ge	=	yellow
U5	Power socket 12 V, in the center console	or	=	orange
U13	Converter with socket, 12 V-230 V	rs	=	pink

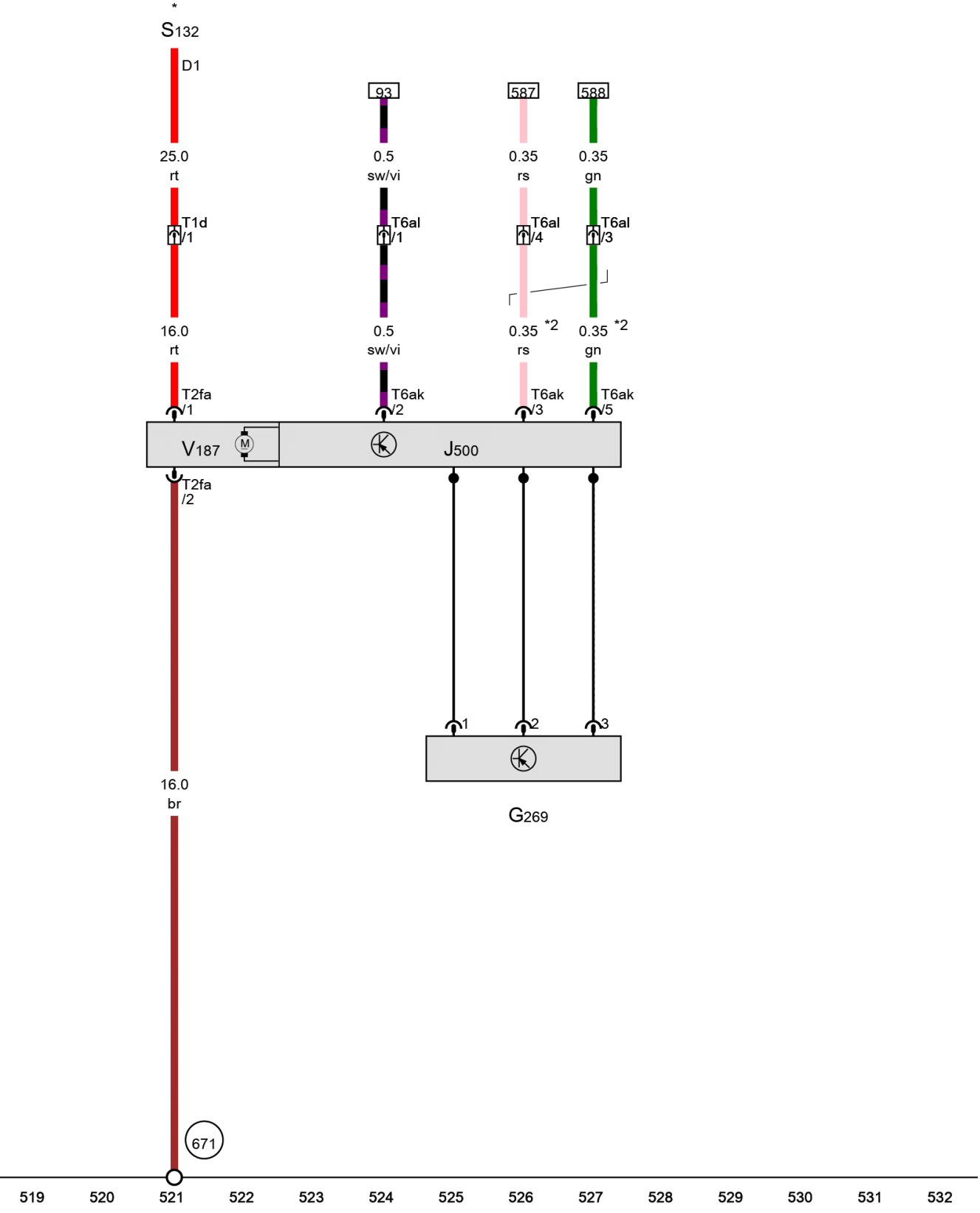
377	Ground connection 12 (in main wiring harness)
688	Ground connection 2 on center tunnel
B350	Positive connection 1 (87a) (in main wiring harness)
B731	Connection 58s (in main wiring harness) 1
B732	Connection 58s (in main wiring harness) 2

*	Only for vehicles with a smoking package
*2	Refer to applicable wiring diagram for fuse positions
*3	Only for vehicles with China equipment
*4	from August 2011



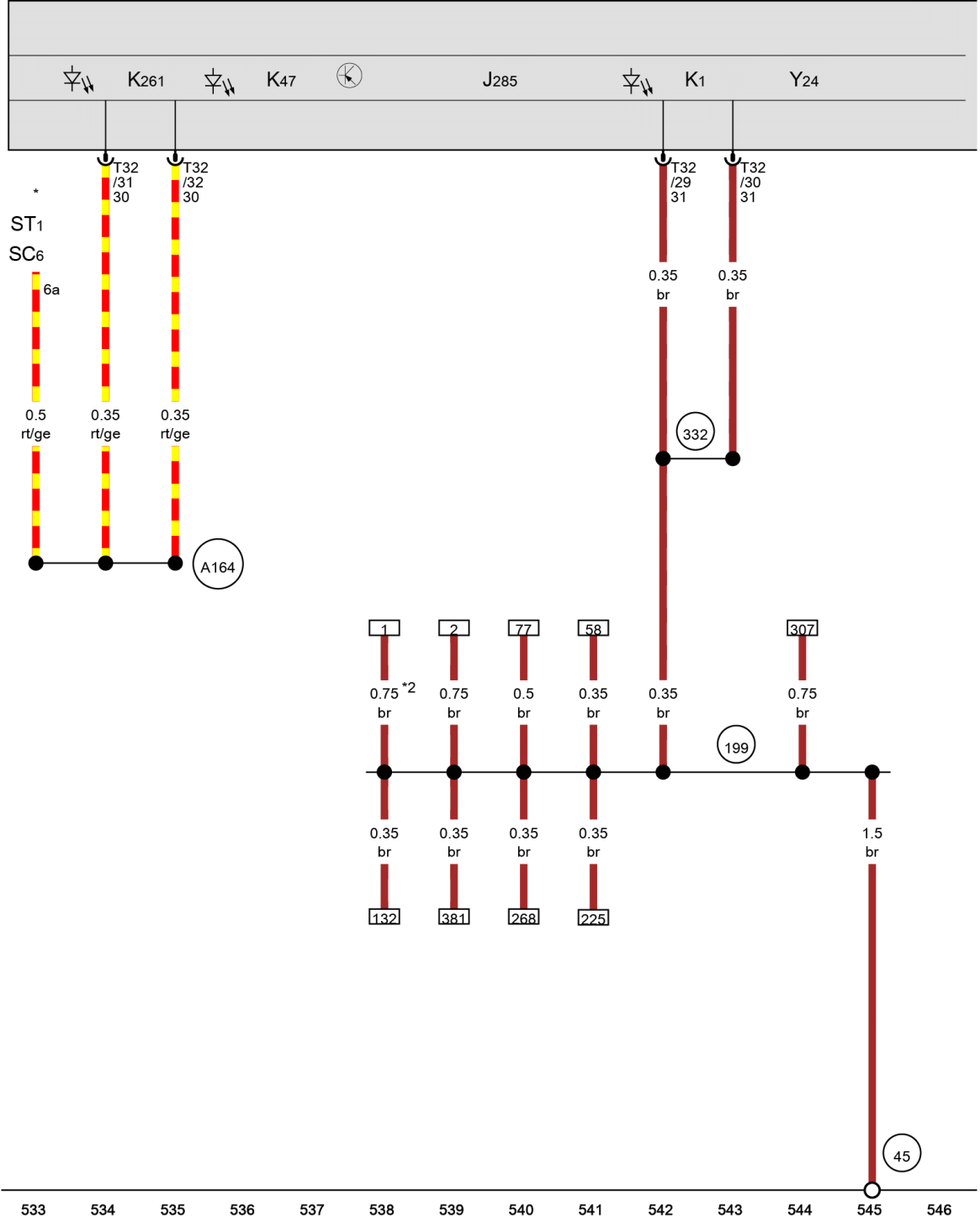
J807	Sockets relay
L32	Rear cigarette lighter illumination bulb
L42	Socket illumination bulb
ST2	Fuse panel 2
SF4	Fuse 4 (on fuse panel F)
T3bl	3-pin connector
T3bm	3-pin connector
T3bn	3-pin connector
T3bp	3-pin connector
U9	Rear cigarette lighter, in the rear center console
U18	12 V socket 2, in the rear center console
U19	12 V socket 3, in the luggage compartment
U20	12 V socket 4, in the rear center console
51	Ground connection in luggage compartment, right
377	Ground connection 12 (in main wiring harness)
385	Ground connection 20 (in main wiring harness)
B275	Positive connection (87) (in main wiring harness)
B351	Positive connection 2 (87a) (in main wiring harness)
B731	Connection 58s (in main wiring harness) 1
B732	Connection 58s (in main wiring harness) 2
*	Only for vehicles with a smoking package

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



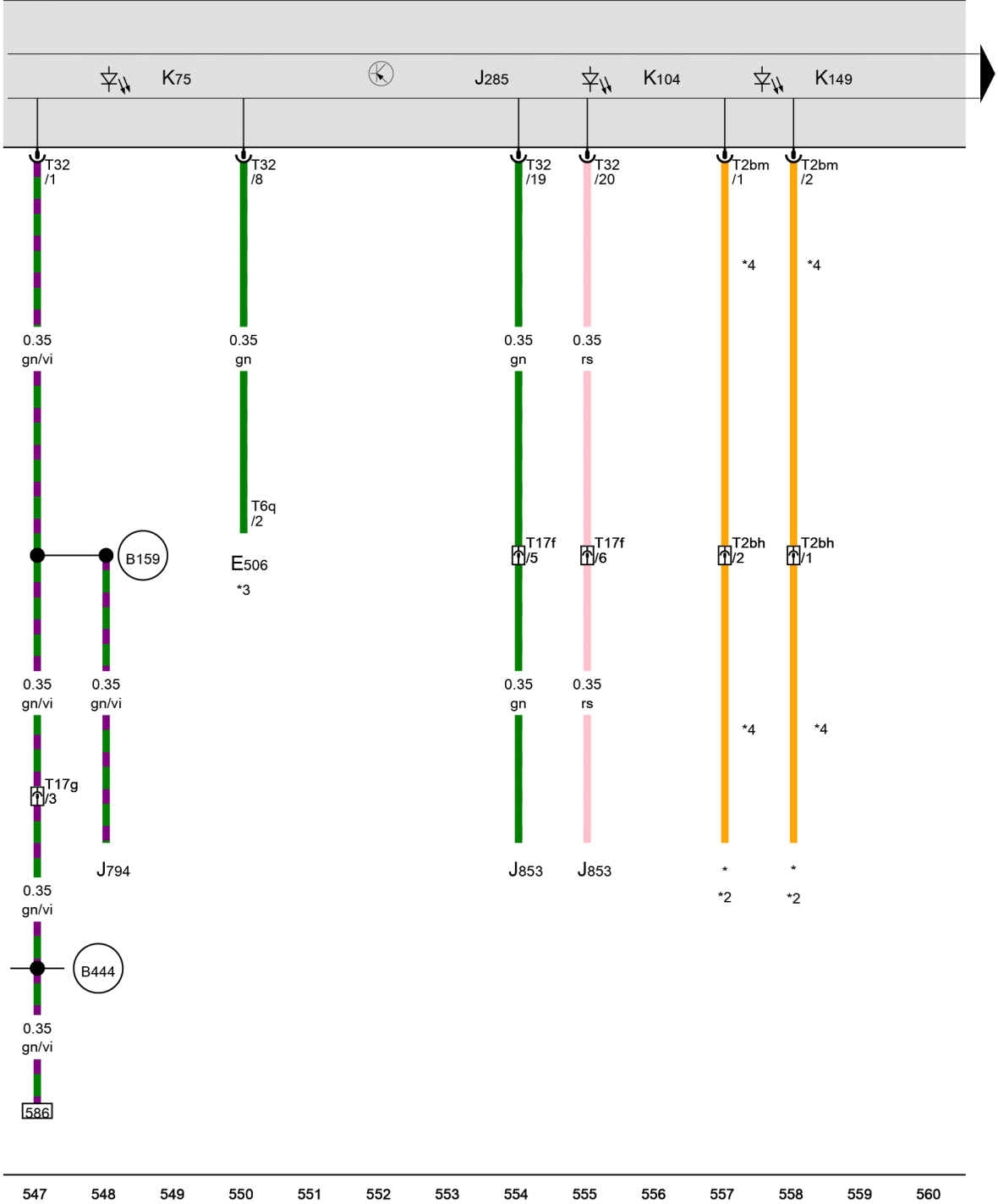
G269	Steering torque sensor
J500	Power steering control module
S132	Safety fuse 2
T1d	Single connector, on the left front of the vehicle floor
T2fa	Double connector
T6ak	6-pin connector
T6al	6-pin connector, under the left front wheel housing cover
V187	Electromechanical power steering motor
671	Ground connection 1 on left front longitudinal member
*	Refer to applicable wiring diagram for fuse positions
*2	Data bus wire (FlexRay bus)

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



J285	Instrument cluster control module
K1	High beam indicator lamp
K47	ABS indicator lamp
K261	Left turn signal indicator lamp
ST1	Fuse panel 1
SC6	Fuse 6 (on fuse panel C)
T32	32-pin connector
Y24	Display unit in instrument cluster
45	Ground connection behind instrument panel, center
199	Ground connection 3 (in instrument panel wiring harness)
332	Ground connection 4 (in instrument panel wiring harness)
A164	Positive connection 2 (30a) (in instrument panel wiring harness)
*	Refer to applicable wiring diagram for fuse positions
*2	Only for vehicles with a heated steering wheel

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

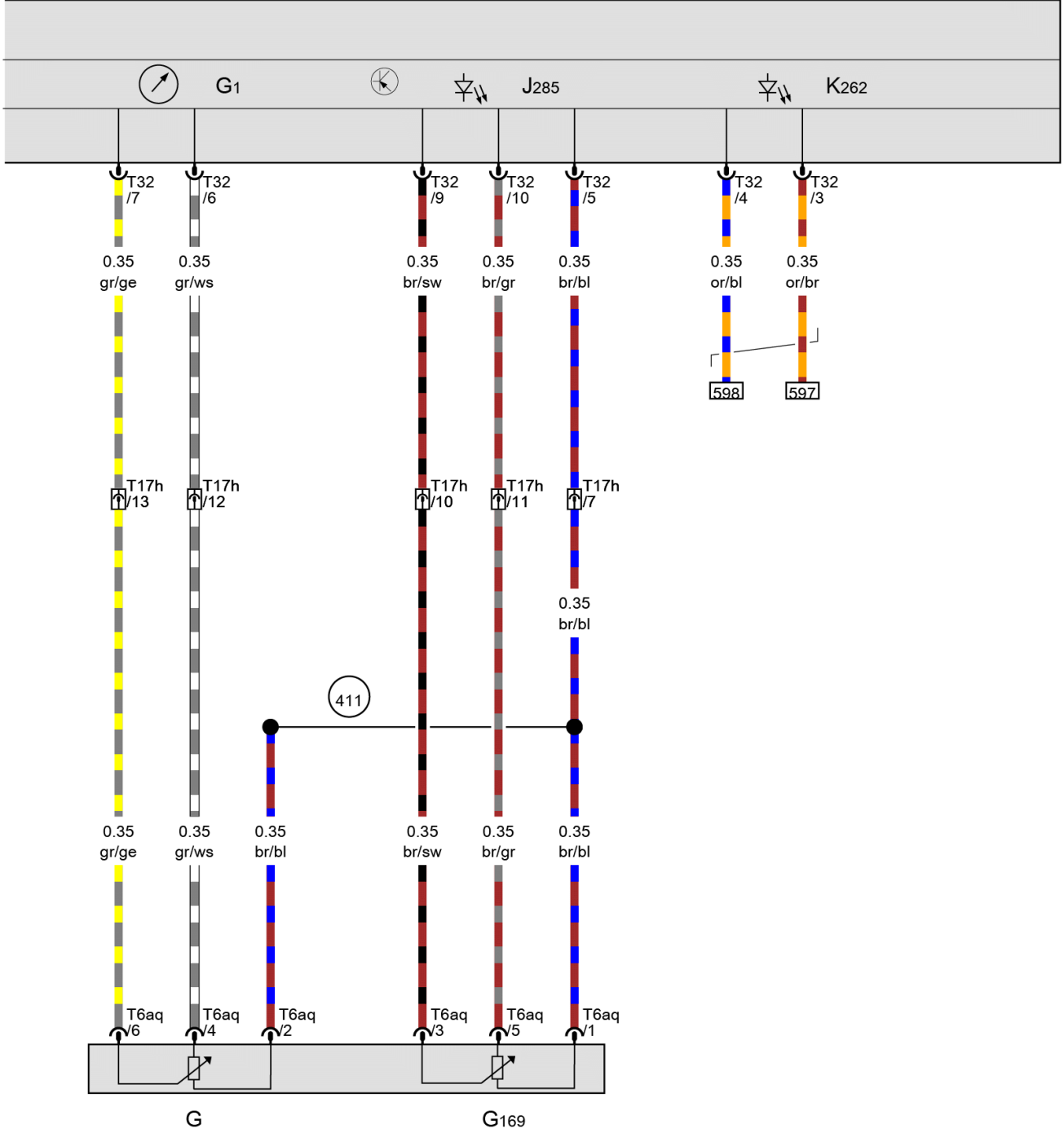


E506	Display unit button	ws	=	white
J285	Instrument cluster control module	sw	=	black
J794	Information electronics control module 1	ro	=	red
J853	Night vision system control module	rt	=	red
K75	Airbag indicator lamp	br	=	brown
K104	Diesel electronics indicator lamp	gn	=	green
K149	Engine electronics indicator lamp	bl	=	blue
T2bh	Double connector, Right front center console	gr	=	grey
T2bm	Double connector	li	=	lilac
T6q	6-pin connector	vi	=	lilac
T17f	17-pin connector, in the left A-pillar connector station	ge	=	yellow
T17g	17-pin connector, in the left A-pillar connector station	or	=	orange
T32	32-pin connector	rs	=	pink

(B159) Diagnostic connection (in interior wiring harness)

(B444) OBD connection 1 (in main wiring harness)

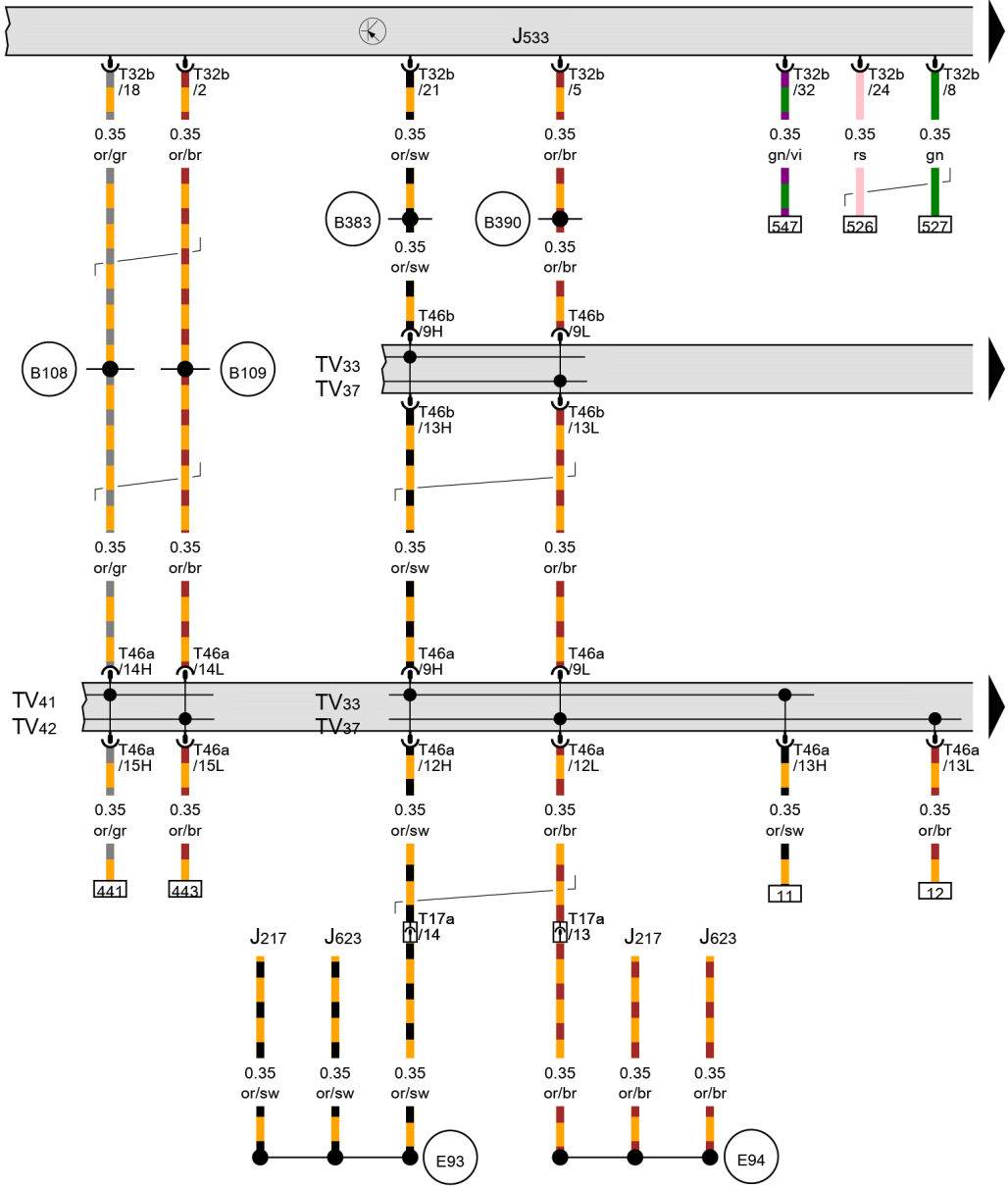
*	Depending on equipment
*2	Refer to applicable wiring diagram for data bus networking
*3	Refer to applicable MMI (information electronics) wiring diagram
*4	Fiber optic cable



561 562 563 564 565 566 567 568 569 570 571 572 573 574

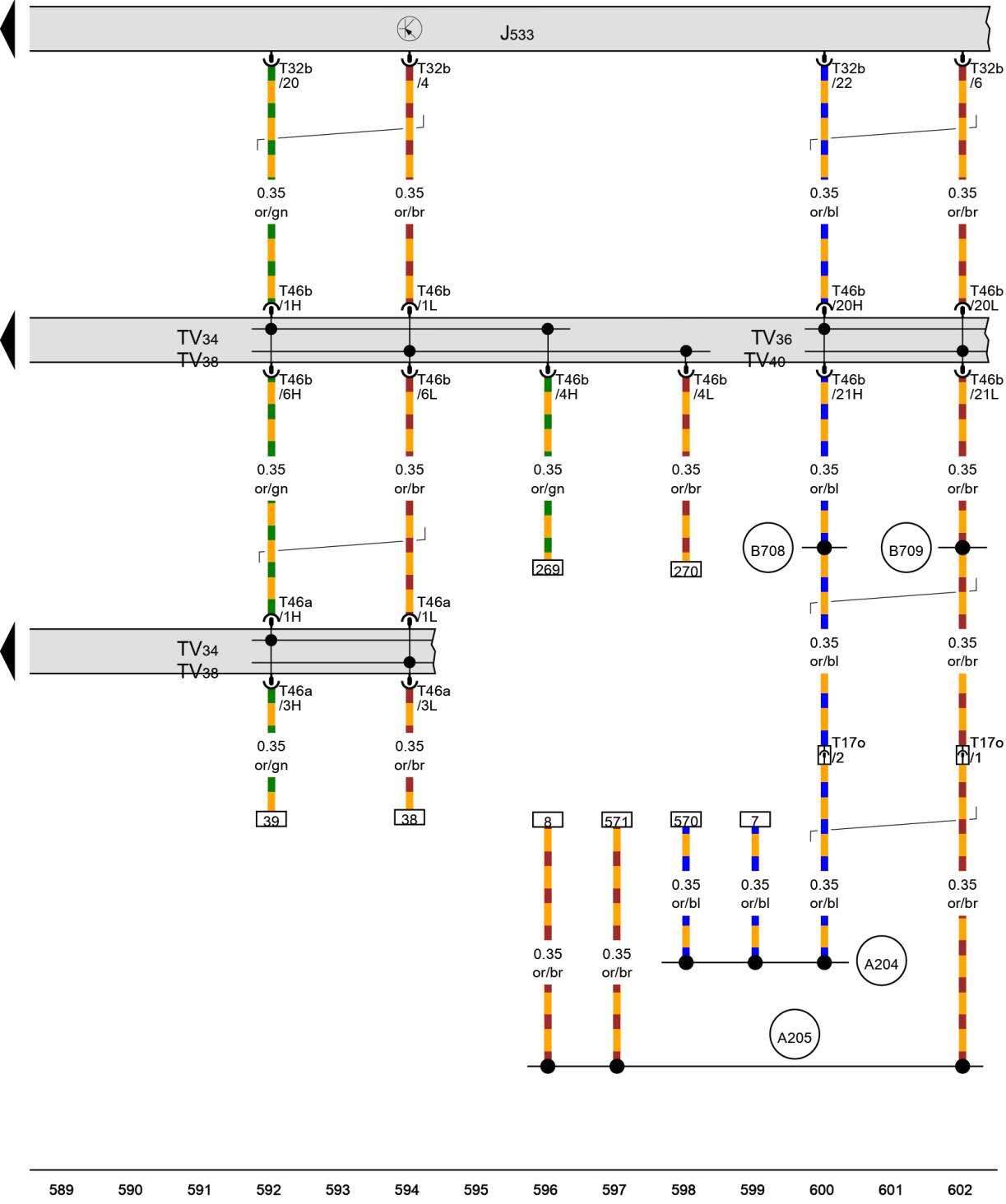
G	Fuel level sensor
G1	Fuel gauge
G169	Fuel level sensor 2
J285	Instrument cluster control module
K262	Right emergency flasher indicator lamp
T6aq	6-pin connector
T17h	17-pin connector, in the left A-pillar connector station
T32	32-pin connector
411	Sensor ground connection 2 (in main wiring harness)

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



575 576 577 578 579 580 581 582 583 584 585 586 587 588

J217	Transmission control module	ws	=	white
J533	Data bus on board diagnostic interface	sw	=	black
J623	Engine control module	ro	=	red
T17a	17-pin connector, Left plenum chamber E-box connector station	rt	=	red
T32b	32-pin connector	br	=	brown
T46a	46-pin connector	gn	=	green
T46b	46-pin connector	bl	=	blue
TV33	Powertrain CAN bus high wire junction	gr	=	grey
TV37	Powertrain CAN bus low wire junction	li	=	lilac
TV41	Extended CAN bus high wire junction	vi	=	lilac
TV42	Extended CAN bus low wire junction	ge	=	yellow
		or	=	orange
B108	CAN bus extended high connection 1 (in main wiring harness)	rs	=	pink
B109	CAN bus extended low connection 1 (in main wiring harness)			
B383	Powertrain CAN bus high connection 1 (in main wiring harness)			
B390	Powertrain CAN bus low connection 1 (in main wiring harness)			
E93	CAN bus high connection 1 (in engine wiring harness)			
E94	CAN bus low connection 1 (in engine wiring harness)			



J533	Data bus on board diagnostic interface
T17o	17-pin connector, in the connector station, right A-pillar
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Comfort system CAN bus high wire junction
TV36	Instrument cluster CAN bus high wire junction
TV38	Comfort system CAN bus low wire junction
TV40	Instrument cluster CAN bus low wire junction
A204	Instrument cluster CAN bus high connection (in instrument panel wiring harness)
A205	Instrument cluster CAN bus low connection (in instrument panel wiring harness)
B708	Instrument cluster CAN bus high connection 1 (in main wiring harness)
B709	Instrument cluster CAN bus low connection 1 (in main wiring harness)

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