

**Document number:** pe42.47-p-2050-97fab

**Document title:** Electrical function schematic for Adaptive Brake (ABR)

<b>Code:</b>	<b>Designation:</b>	<b>Position:</b>
1	Engine running, signal	21F
10	Parking brake indicator switch, status	27F
10	Parking brake indicator switch, status	25K
10	Parking brake indicator switch, status	31G
11	Engine torque, reduce request	13H
12	Variant coding, signal	27F
13	Brake lights, request	31F
13	Brake lights, request	32C
13	Brake lights, request	31A
14	Accelerator pedal sensor, signal	20F
14	Accelerator pedal sensor, signal	8H
15	Dynamometer mode, status	23H
16	Instrument cluster, message	24J
17	Trailer, status	27F
17	Trailer, status	34E
18	Brake fluid level switch, status	25K
18	Brake fluid level switch, status	34D
19	Multifunction steering wheel button group, signal	18B
19	Multifunction steering wheel button group, signal	21B
19	Multifunction steering wheel button group, signal	23J
19	Multifunction steering wheel button group, signal	23D
2	ESP button, status	26F
2	ESP button, status	34F
20	Brake vacuum sensor, signal	26E
21	Downhill Speed Regulation button, status	28F
21	Downhill Speed Regulation button, status	33D
21	Downhill Speed Regulation button, status	38C
22	Off-road program button, status	28F
22	Off-road program button, status	33D
22	Off-road program button, status	38B
23	Circuit 15, status	26K
23	Circuit 15, status	33G
24	Drivetrain operational, signal	19F
3	Wheel speed, signal	21G
3	Wheel speed, signal	23J
4	Electronic selector lever module control unit, status	21F
4	Electronic selector lever module control unit, status	9H
5	Shift stage, status	20F
5	Shift stage, status	11H
6	Service brake, status	13H
6	Service brake, status	7D
7	Steering angle, signal	23D
7	Steering angle, signal	24B
8	Yaw rate, lateral and longitudinal acceleration sensor, signal	21E
9	Brake light switch, status	26H
A1	Instrument cluster	23K
B24/15	Yaw rate, lateral and longitudinal acceleration sensor	18D
B37	Accelerator pedal sensor	4B
B64/1	Brake vacuum sensor	28A
CAN B	Interior CAN	27L
CAN B	Interior CAN	31L
CAN B	Interior CAN	35F
CAN B	Interior CAN	32D
CAN C	Drive train CAN	9E
CAN C	Drive train CAN	10E
CAN E	Chassis CAN	23J
CAN E	Chassis CAN	23D

**Document number:** pe42.47-p-2050-97fab  
**Document title:** Electrical function schematic for Adaptive Brake (ABR)

<b>Code:</b>	<b>Designation:</b>	<b>Position:</b>
CAN E	Chassis CAN	19G
CAN E	Chassis CAN	28G
CAN E	Chassis CAN	14G
CAN H	Vehicle dynamics CAN	20E
Code 423	5-speed automatic transmission	5A
Code 423	5-speed automatic transmission	11A
Code 427	7-speed automatic transmission	5B
Code 427	7-speed automatic transmission	8A
Code 430	Off-road engineering package	39B
Code 430	Off-road engineering package	39C
Code 550	Trailer hitch	37D
L6/1	Left front axle rpm sensor	19J
L6/2	Right front axle rpm sensor	19J
L6/3	Left rear axle rpm sensor	19J
L6/4	Right rear axle rpm sensor	19K
LIN 1	Instrument panel LIN	35F
LIN 1	Instrument panel LIN	34C
LIN E1	Steering LIN	20B
N10/1	Front SAM control unit with fuse and relay module	32E
N10/2	Rear SAM control unit with fuse and relay module	32A
N135	Steering wheel electronics	19B
N15/3	Electronic transmission control control unit	12B
N15/5	Electronic selector lever module control unit	6B
N28/1	Trailer recognition control unit	38E
N3/10	ME-SFI [ME] control unit	14J
N3/10	ME-SFI [ME] control unit	8J
N3/10	ME-SFI [ME] control unit	11J
N3/10	ME-SFI [ME] control unit	17J
N3/9	CDI control unit	2J
N3/9	CDI control unit	5J
N30/4	Electronic Stability Program control unit	24E
N30/4	Electronic Stability Program control unit	24F
N49	Steering angle sensor	25B
N72/1	Upper control panel control unit	36B
N72/1s24	Downhill Speed Regulation button	39C
N72/1s25	Offroad program button	39D
N73	Electronic ignition switch control unit	29H
N80	Steering column module control unit	23A
S11	Brake fluid level switch	35E
S110	Left multifunction steering wheel button group	16A
S111	Right multifunction steering wheel button group	18A
S12	Parking brake indicator switch	31H
S6/1	Instrument panel switch group	35H
S6/1	Instrument panel switch group	38H
S6/1s5	ESP button	35K
S6/1s5	ESP button	37K
S9/1	Stop lamp switch	26J
U1018	Valid for gasoline engine 276	10J
U152	Valid for gasoline engine 156	10J
U157	Valid for combustion engine 272 DE	13J
U169	Valid for gasoline engine 271 DE	13J
U362	Valid for gasoline engine 274	16J
U57	Valid for model 204.2	22F
U57	Valid for model 204.2	22E
U57	Valid for model 204.2	34H
U58	Valid for model 204.0	22F
U58	Valid for model 204.0	22E

**Document number:** pe42.47-p-2050-97fab

**Document title:** Electrical function schematic for Adaptive Brake (ABR)

<b>Code:</b>	<b>Designation:</b>	<b>Position:</b>
U58	Valid for model 204.0	34H
U59	Valid for model 204.9	22F
U59	Valid for model 204.9	22F
U59	Valid for model 204.9	37H
U60	Valid for model 204.3	22G
U60	Valid for model 204.3	37H
U739	Valid for gasoline engine 271 continuous fuel injection system (electronic)	7J
U740	Valid for diesel engine 646	1J
U819	Valid for gasoline engine 272	7J
U880	Valid for diesel engine 642	1J
U948	Valid for diesel engine 651	4J
Y3/8n4	Fully integrated transmission control control unit	9B

