

A3 Light switching center control unit**Connector location views**

Number	X-pin, color	Description
X12	54-pin, black	Plug connector Light switching center control unit

Pin assignments at plug connector X12

Pin	Type	Description / Signal type	Connection / Measuring notes
1	A	Signal Rear left turn signal lamp	Connector Rear left turn signal lamp
2	A	Activation, right bi-xenon headlight	Xenon headlight, right
3	A	Signal, right auxiliary turn signal lamp	Front right auxiliary flasher unit
4	E	Brake light activation in HDC mode	ABS/DSC unit DSC all-wheel drive
5	A	Signal, left brake light	Tail light, left
6	E	Terminal 30	Fuse F106
7	A	Signal, left low beam light	Left low beam
8	A	Signal, right high beam light	Right high beam
9	A	Interface, lights switching center, trailer module	Trailer module
10	A	Signal Right brake light	Connector Right brake light
11	A	Signal, front right turn signal lamp	Front right turn signal lamp

12	A	Signal, left/right turn signal lamp switch	Turn indicator/low beam switch
13	A	Signal, high beam/headlight flasher switch	Turn indicator/low beam switch
14	A	Signal, rear load sensor	Load sensor, headlight vertical aim control
15	E	Terminal 15	Fuse F32
16	A	Signal, center brake light	Center brake light
17	A	Signal, license plate light	Licence plate lights
18	A	Signal, left auxiliary turn signal lamp	Front left auxiliary flasher unit
19	A	Signal ground, front load sensor	Load sensor, headlight vertical aim control
20	A	Outer left tail light	Tail light, left
21	E/A	K-bus signal	K-bus connector
22	A	Signal, front load sensor	Load sensor, headlight vertical aim control
23	A	Signal, +5 V front load sensor	Load sensor, headlight vertical aim control
24	A	Signal, hazard warning switch	Hazard warning/central locking switch
25	E	Brake light	Connector Brake light
26	A	Signal, +5 V rear load sensor	Load sensor, headlight vertical aim control

27	E	Terminal R	Fuse F9
28	A	Signal, fog light relay activation	Fog light relay
29	A	Signal, rear fog light/tail light, right	Trunk lid lamp, right
30	A	Signal, rear fog light/tail light, left	Trunk lid lamp, left
31	M	Ground	Ground connector
32	M	Ground	Ground point
33	E	Terminal 30	Fuse F107
34	A	Signal, right low beam light	Right low beam
35	A	Signal, left high beam light	Left high beam
36	A	Activation, left bi-xenon headlight	Xenon headlight, left
37	A	Outer right tail light	Connector Outer right tail light
38	A	Outer right tail light	Tail light, right
39	A	Signal, headlight vertical aim control Q22 motor, left	Actuator, headlight vertical aim control, left
40	A	Signal, headlight vertical aim control Q11 motor, left	Actuator, headlight vertical aim control, left
41	A	Signal, headlight vertical aim control Q12 motor, left	Actuator, headlight vertical aim control, left
42	A	Signal, headlight vertical aim control Q21 motor, left	Actuator, headlight vertical aim control, left

43	A	Signal Rear right turn signal lamp	Connector Rear right turn signal lamp
44	A	Signal, front right parking light	Right parking light
45	A	Signal, front left parking light	Left parking light
46	A	Signal ground, rear load sensor	Load sensor, headlight vertical aim control
47	A	Signal Locator lighting	Connector, instrument and locator lighting
48	A	Signal, lamp in hazard warning switch	Hazard warning/central locking switch
49	A	Outer left tail light	Connector Outer left tail light
50	A	Signal, front left turn signal lamp	Front left turn signal lamp
51	A	Signal, headlight vertical aim control Q22 motor, right	Actuator, headlight vertical aim control, right
52	A	Signal, headlight vertical aim control Q11 motor, right	Actuator, headlight vertical aim control, right
53	A	Signal, headlight vertical aim control Q12 motor, right	Actuator, headlight vertical aim control, right
54	A	Signal, headlight vertical aim control Q21 motor, right	Actuator, headlight vertical aim control, right