

BCM (J519)

Links => 73-pin connector - T73a

Mitte => 46-pin connector -T46b

Rechts => 73-pin connector - T73c

73-pin connector T73a

1 - Input (30) - front seat heating supply

2 - Output for heated driver seat -Z6- , Heated driver seat backrest -Z7-

3 - Output for tank filler flap locking motor -V155-

4 - Output for tank filler flap locking motor -V155-

5 - Output for heated front passenger seat -Z8- , Heated front passenger seat backrest -Z9-

6 - Output for central locking motor in rear right door, lock -V215- , motor for SAFE function of central locking in rear right door -V164-

7 - Output for motor for central locking system in right rear door, Lock -V215- (on vehicles with Low comfort system)

- Output for motor 2 for luggage compartment cover -V474- (on vehicles with High comfort system)

8 -

9 - Output for central locking motor in rear lid -V53-

10 -

11 -

12 - Input - terminal 31

13 - Output for terminal 15 voltage supply relay -J329-

14 - Output for - terminal 15

15 - LIN bus interior monitoring sensor -G273- , vehicle inclination sender -G384-

16 - CAN H, convenience

17 - CAN L, convenience

18 -

19 -

20 -

21 -

22 -

23 -

24 -

25 -

26 -

27 -

28 -

29 - Input of fog light and rear fog light switch -E23-

30 -

31 - Input of interior button for central locking driver's side -E308-

32 - Input of rear lid handle release button -E234-

33 - Input of central locking lock unit, rear right -F223-

34 -

35 - Input of central locking lock unit, rear left -F222-

36 - Output for motor for SAFE function of central locking in rear left door -V163-

37 - Output for motor for SAFE function of central locking in rear right door -V164-

38 -

39 -

40 -

41 -

42 - LIN bus - Fan 1 for front left backrest -V512- , Fan 1 for front left seat cushion -V514- , Fan 1 for front right backrest -V516- , Fan 1 for front right seat cushion -V518-

43 - Input of light switch -E1- terminal 58

44 - Input of steering column electronics control unit -J527- - terminal 15 (for vehicles without entry and start authorisation)

- Input of interface for entry and start system -J965- terminal 15 (for vehicles with entry and start authorisation)

45 -

46 - Input of light switch -E1- terminal TFL

47 - Input of steering column electronics control unit -J527- - terminal 15 (for vehicles without entry and start authorisation)

- Input of interface for entry and start system -J965- terminal 15 (for vehicles with entry and start authorisation)

48 - Input of door contact switch, rear right -F11-

49 - Input of rear lid remote release switch -E188-

50 - Input of door contact switch, rear left -F10-

51 - Input of deactivation button of interior monitoring and vehicle inclination -E616-

52 - Input of rear lid lock unit -F256- terminal 31

53 - Input of rear lid lock unit -F256- terminal 31

54 - Input of steering column electronics control unit -J527- - terminal 86s (for vehicles without entry and start authorisation)

- Input of interface for entry and start system -J965- terminal 86s (for vehicles with entry and start authorisation)

55 -

56 -

57 - Output for bulb for high level brake light -M25-

58 -

59 - Output for number plate light, left -X4- , number plate light, right -X5-

60 - Output for turn signal bulb, rear left -M6-

61 - Output for rear window wiper motor -V12-

62 - Output for rear window wiper motor -V12-

63 - Input - terminal 31

64 - Output for reversing light bulb, right -M17-

65 - Output for tail light bulb, right -M2-

66 - Input (30) - light supply

- 67 -
- 68 - Output for central locking motor in rear left door, lock -V214- , motor for SAFE function of central locking in rear left door -V163-
- 69 - Output for motor for central locking system in left rear door, Lock -V214- (on vehicles with Low comfort system)
- Output for motor 1 for luggage compartment cover -V473- (on vehicles with High comfort system)
- 70 -
- 71 - Output for brake light bulb, left -M9-
- 72 - Output for rear fog light bulb, left -L46-
- 73 - Input - terminal 30

46-pin connector T46b

- 1 - Output for dipped beam bulb, right -M31-
- 2 - Output for main beam bulb, right -M32- , control unit for left light control -J1018-
- 3 - Output for side light bulb, left -M1-
- 4 - Output for daytime driving light bulb, left -L174- , fog light bulb, right -L23- , static cornering light, right -M52-
- 5 - Output for fog light bulb, right -L23-
- 6 - Output for headlight range control motor, left -V48- , headlight range control motor, right -V49- terminal 31
- 7 - Output for windscreen and rear window washer pump -V59-
- 8 - Output for windscreen and rear window washer pump -V59-
- 9 - Output for heating resistance for injection nozzle, left -Z20- , heating resistance for injection nozzle, right -Z21-
- 10 - Output for side light bulb, left -M1- , fog light bulb, left -L22- , static cornering light, left -M51-
- 11 - Input of reversing light switch -F4-
- 12 - Input of brake lining/pad wear sender, front right -G35-
- 13 - Input of brake fluid level warning contact -F34-
- 14 - Input of bonnet contact switch -F266- , bonnet contact switch 2 -F329-
- 15 -
- 16 - Input of coolant shortage indicator sender -G32-
- 17 -
- 18 -
- 19 - Output for sender earth - terminal 31
- 20 - Output for turn signal bulb, front right -M7-
- 21 - Output for side light bulb, right -M3- , fog light bulb, right -L23- , static cornering light, right -M52-
- 22 -
- 23 - Output for cornering light and headlight range control, control unit -J745-
- 24 - Output for horn relay -J413-
- 25 -
- 26 - Output for heated windscreen relay -J47-
- 27 - Input of ambient temperature sensor -G17-
- 28 - Input of windscreen washer fluid level sender -G33-
- 29 -

- 30 - LIN bus - wiper motor control unit -J400-
- 31 - LIN Bus - signal horn for anti-theft alarm system -H8-
- 32 - Output for daytime driving light bulb, right -L175- , fog light bulb, left -L22- , static cornering light, left -M51-
- 33 - Output for headlight range control motor, left -V48- , headlight range control motor, right -V49-
- 34 -
- 35 - Output for side light bulb, right -M3-
- 36 - Output for turn signal bulb, front left -M5-
- 37 -
- 38 -
- 39 - Output for main beam bulb, left -M30- , control unit for right light control -J1023-
- 40 -
- 41 -
- 42 -
- 43 -
- 44 - Output for headlight range control motor, left -V48- , headlight range control motor, right -V49- supply
- 45 - Output for fog light bulb, left -L22-
- 46 - Output for headlight washer system pump -V11-

73-pin connector T73c

- 1 - Input (30) - light supply
- 2 -
- 3 Video input of rear view camera (Low)
- 4 -
- 5 - Output for dipped beam bulb, left -M29-
- 6 -
- 7 -
- 8 - Output for brake light bulb, right -M10-
- 9 -
- 10 - Output for tail light bulb, left -M4-
- 11 - Output for reversing light bulb, left -M16- , Automatic anti-dazzle interior mirror -Y7-
- 12 - Output for interior light - terminal 30g
- 13 -
- 14 - Input of interface for entry and start authorisation -J965- (wake up wire)
- 15 - Input of light switch -E1- terminal 56
- 16 - Input of light switch -E1- (AFL)
- 17 -
- 18 -
- 19 -
- 20 -
- 21 - Output for Warning light for operational profile selection -K280-
- 22 -
- 23 -
- 24 - Output for heated rear window relay -J9-

25 -
26 -
27 -
28 - Input of humidity sender -G355- , air humidity, rain and light detector sensor -G823-
29 - LIN bus Light for front left door contour lighting -L251- , Light for front right door contour lighting -L252- , Light for rear left door contour lighting -L253- , Light for rear right door contour lighting -L254-
30 -
31 - Output for turn signal bulb, rear right -M8-
32 - Output for deactivation warning light of interior monitoring and vehicle inclination -K248-
33 -
34 - Input of exterior mirror heating button -E735-
35 -
36 -
37 -
38 -
39 -
40 - Input of temperature sensor for front passenger seat -G60-
41 -
42 - Input of hazard warning lights button -E229-
43 - Input of temperature sensor for driver seat -G59-
44 -
45 - Input of off-road mode switch -E207-
46 - Output for heated front seat control unit -J786-
47 - Output for control light for interior locking warning light, driver side -K174-
48 - Output for hazard warning light system warning light -K6- , bulb for button illumination -L76-
49 -
50 - Output for off-road mode warning light -K330-
51 - Output for start/stop operation warning light -K259-
52 -
53 -
54 -
55 -
56 - Output for sender earth - terminal 31
57 -
58 - Input of brake light switch -F-
59 -
60 - Input of start/stop operation button -E693-
61 -
62 - Output - terminal 58d
63 - Input - terminal 31
64 -
65 -
66 -
67 - Output for interior light (Klemme 58d), Deactivation button of interior monitoring and vehicle inclination -E616- - Terminal 31 (door contact switch)

- 68 -
- 69 -
- 70 -
- 71 -
- 72 - Output for left footwell light -W9- , right footwell light -W10- , rear left footwell light -W45- , rear right footwell light -W46-
- 73 - Input - terminal 30

Revision #2

Created 2026-07-22 20:34:17 UTC by Admin

Updated 2026-08-03 11:54:15 UTC by Admin