



Cable harness for additional switches

A cable harness for additional switches for the bodywork interface, 3314A, can be ordered as an option with the vehicle from the factory. More information is available under the heading Ordering options.

The cable harness is routed behind the instrument panel with 4 connectors for switches S154, S153, S132 and S152. The connectors for switches are located behind the respective blanking piece for switches in the driver area. The cable harness is routed to the central electric unit where the cables are marked C416 or C417. The cables are not connected to any connector at the central electric unit.

The table and wiring diagram show how the cable harness is routed to the different connectors for switches:

C417				Connectors for switches		C416				
No.	Marking	Area mm ²	Colour	Position		Position	Colour	Area mm ²	Marking	No.
1	BWE125	1.5	Violet	7	S154, connector for 2-pin switches with indicator lamp and lighting.	5	Grey	0.75	BWE99	1
						3	Red	1.5	BWE100	2
4	BWE126	1.5	Blue	4		6	Orange	0.75	BWE101	4
						8	Red	1.5	BWE102	5
7	BWE129	1.5	Blue	7	S153, connector for 2-pin switches with indicator lamp and lighting.	5	Blue	0.75	BWE105	6
						3	Red	1.5	BWE106	7
9	BWE130	1.5	Grey	4		6	Brown	0.75	BWE107	8
						8	Red	1.5	BWE108	9
10	BWE133	2.5	Pink	7	S132, connector for 1-pin switches with indicator lamp and lighting.	5	Red	1.5	BWE111	10
						3	Red	1.5	BWE112	11
11	BWE137	0.75	Violet	2		6	Brown	0.75	BWE116	12
						8	Blue	0.75	BWE117	13

Cable harness connections for additional switches



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C417				Connectors for switches			C416			
No.	Marking	Area mm ²	Colour	Position		Position	Colour	Area mm ²	Marking	No.
12	BWE138	2.5	Orange	7	S152, connector for 1-pin switches with indicator lamp and lighting.	5	Red	1.5	BWE118	14
						3	Red	1.5	BWE119	15
13	BWE142	0.75	Yellow	2		6	Grey	0.75	BWE123	17
						8	Orange	0.75	BWE124	18

Note:

- The switches are examples. When connecting other types of switches, the connector pins may need to be moved.
- If the option Cable harness for tail lift routed from cab to frame (3966C) or Tail lift from factory (3966A) was selected when ordering the vehicle, the functions for the tail lift are connected to connectors S132 and S152.

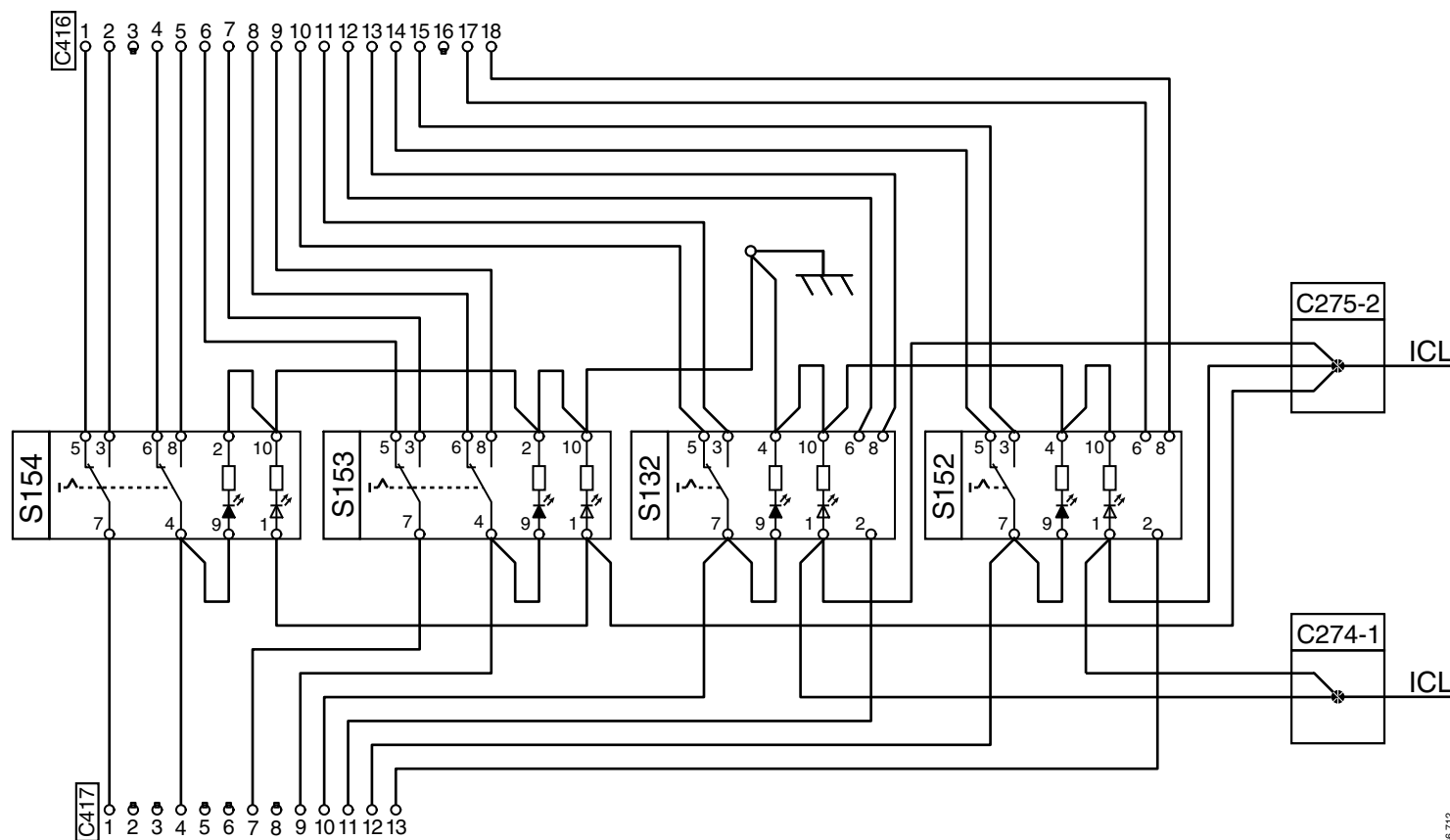
More information on the cable harness for tail lift is found in the following documents:

- *Cable harness for tail lift*
- *Factory-fitted tail lift*

Cable harness connections for additional switches



Cable harness for additional switches



Note:

- C274-1 and C275-2 are instrument panel lighting.
- C416 and C417 are cable harnesses without connectors.



Ordering options

Option	Alternative	Variant code
Cable harness for extra switches	7-pin	3314A

To connect functions with CAN¹, the option BWE² (Bodywork Electrical System) is required. BWE is a system that manages the electrical preparations for bodywork.

Option	Alternative	Variant code
BWE	With	5837A

To connect functions on the frame, a cable harness from cab to frame and an extension cable harness are required.

Option	Alternative	Variant code
Cable harness from cab to frame	7-pin	2411B
	7+7-pin	2411E
	7+7+7-pin	2411F
Extension cable harness on the frame	2 m	3023A
	8 m	3023D
	12 m	3023C

More information on cable harnesses is found in the document Cable harnesses for bodywork functions.

More information on connections to cable harnesses is found in the document C494 – Connectors for bodywork functions.

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1. Controller Area Network
 2. Bodywork Electrical System