

Intelligent universal electronic tow bar module

Connectors and electrical circuit diagrams

20-pin female connector:

1	Input – channel 7 ***
2	Output – channel 7 ***
3	Input – channel 6 ***
4	Output – channel 6 ***
5	Input – channel 5 ***
6	Output – channel 5 ***
7	Input – channel 4 ***
8	Output – channel 4 ***
9	Input – channel 3 ***
10	Output – channel 3 ***
11	Input – channel 2 ***
12	Output – channel 2 ***
13	Input – channel 1 ***
14	Output – channel 1 ***
15	Ground (chassis) *
16	Ground (chassis) *
17	Power +12V **
18	Power +12V **
19	Power +12V **
20	Power +12V **

*** You must connect both pin15 and pin16 to ground (chassis)!!!**

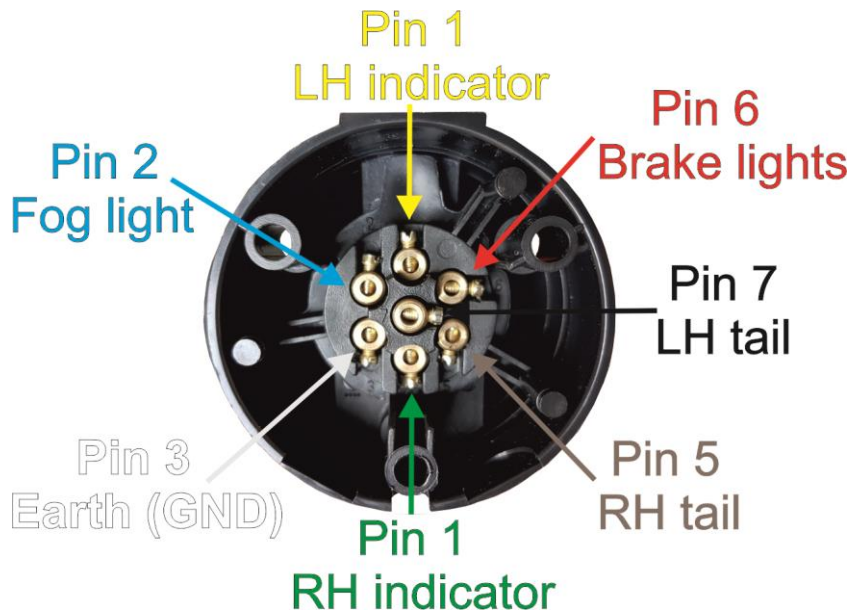
**** You must connect pins 17, 18, 19 and 20 to +12V!!!**

***** Leave all unused inputs/outputs unconnected!**

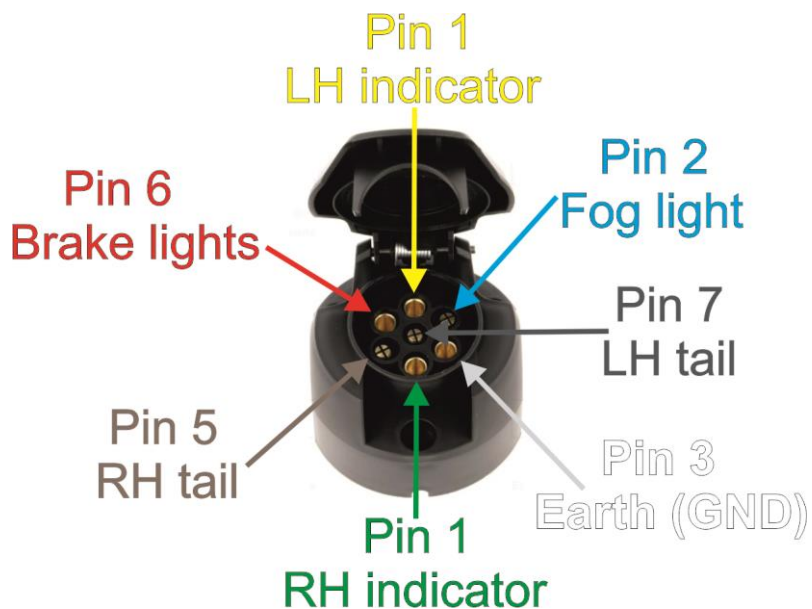
Installation manual

1. Connect each of the cables in the set to the 7-pin trailer connector mounted on the vehicle in accordance with the diagrams below.

Cable connection view:



Trailer connection view:



2. Check whether the trailer connector is connected in accordance with the standard and according to the diagrams above.