Install Guide for the BEC/DMC LED Tail Light Adapters.

So you recently purchased a set of LED Tail lights or adapters from BEC Autoparts, and you want to know how to plug in the adapters.

Here is the guide. This version of the adapters have been shipping since mid-March 2016.

For accessing the tail lights, and removing panels, there are a few useful DIY guides available on YouTube:

https://www.youtube.com/watch?v=mnTI9je9fh0

NOTES - Install and coding is different than the DAP Adapters, do not follow the DAP guide for these adapters. **It will not work.** You get 4 wire harnesses, there are left and right sides.

1. The Left Outer Adapter and the Right Outer Adapters have the same wiring.
2. The Left Inner Adapter, has one black wire that runs to the left outer adapter
3. The Right Inner Adapter has a brown wire that runs to the left inner adapter and a black wire to the right outer adapter
4. LED Reverse bulbs are recommended on regular Golf and GTI cars. Otherwise one light may not turn on, and you may get a bulb out warning.
5. Ensure all pins are fully inserted, and close the tabs, so the pins do not come loose.

Fig. 1 Photo showing all 4 adapters

Fig 2. Left Adapters, showing where the wire is ran from the outer adapter to the inner adapter.

Left Adapters

- Run the blue wire from the left outer adapter, and install into the Pin 1 position.
- Run the black wire from the inner adapter, and install into Pin 3 on the outer adapter position.
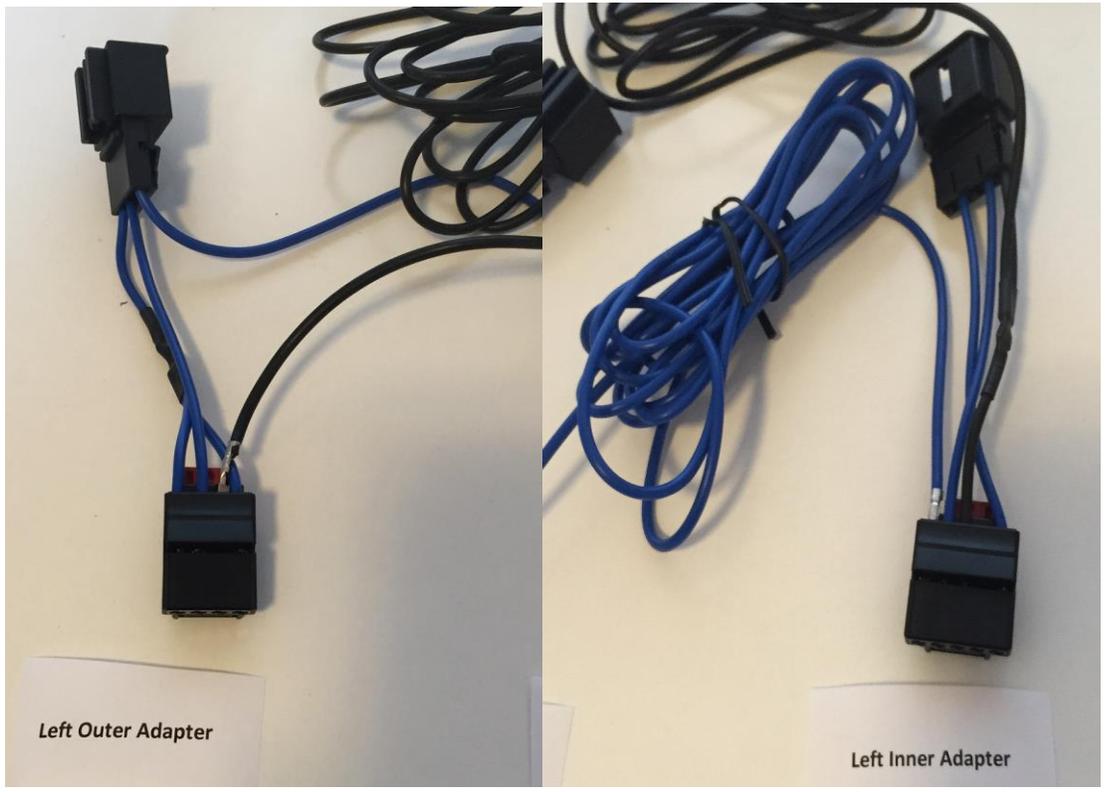
Left Outer Adapter

Left Inner Adapter

Fig 4. Close Up of where the blue wire plugs into the left inner adapter and the black wire to the left outer adapter to Pin 3.

Left Inner Adapter

Fig 5, Left Inner Adapter showing all wires installed into it, including the left outer wire.

Right Adapters

Install the pins as per the diagram.

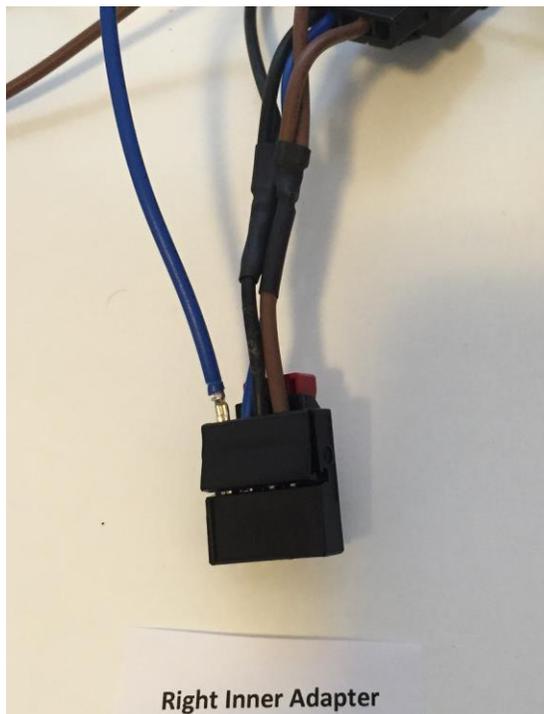Fig 6. Shows where the black wire from the right inner adapter plugs into the right outer adapter to In 3.

Fig. 7 Right Inner Adapter showing where the blue wire from the outer adapter plugs into Pin 1.
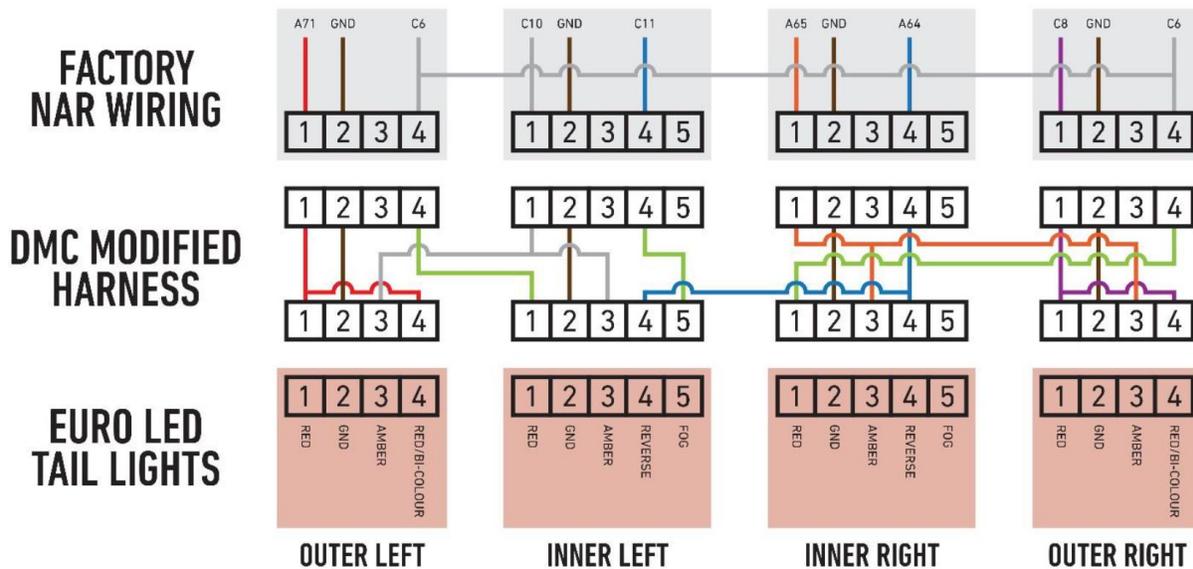
Golf 7 LED Tail Lights Wiring Diagram

Fig 8. Wiring Diagram of the harnesses, look at here for reference.

IMPORTANT NOTE FOR MY2015.5 AND EARLIER:

Sometime around mid-2015, the channel for rear side-marker lights changed from Leuchte26NSL to Leuchte27NSL. On our test MY2016 NAR Golf 7R, it was Leuchte27NSL.

Check your original adaptation channels if you are unsure. If your vehicle uses Leuchte26NSL, make the above changes to the appropriate channels under the Leuchte26NSL set

Other Notes:

Reverse LED Bulbs

As mentioned, for regular Golf 7, and GTI models, you may need to use LED Reverse bulbs to avoid a bulb out warning, or error message. The correct size is H21W.

Rear Fog Light Functionality

For the rear fog light, our adapter harness had the rear fog light wired up, you only need a euro switch with the rear fog light position, and some additional coding.

See the Coding sheet for complete coding info for the rear fog lights.

Select Byte 7 then Enable Bit 4 "Light Switch with Rear Fog Light(s) installed"

Exit window, the "New Coding" text box should now be populated. Click "Do it!"

The Rear Fog Light Icon should now appear on the Dash when the Switch is set to Rear Fog

Fig 9. Coding instructions for the Rear Fog Light.

Coding

See the separate Coding sheet for complete coding instructions.