
INSTRUCTION MANUAL

AGT US CONVERSION-KIT 1.1

Electric conversion kit for the homologation American cars ISO 11446

DodgeRam 2019+ Model

1 SAFETY INSTRUCTIONS



The device may only be installed and put into operation by qualified personnel who are familiar with the assembly, commissioning and operation of this product. For the purposes of these installation and operating instructions, qualified personnel are people who, based on their specialist training, their knowledge and experience as well as their knowledge of the relevant standards, can assess the work assigned to them and recognize possible dangers.

2 GENERAL INFORMATION

2.1 Limitation of Liability

All information and information in these instructions have been compiled taking into account the applicable standards and regulations, the state of the art and our many years of knowledge and experience. The manufacturer assumes no liability for damage due to:

- Failure to observe the listed safety instructions,
- Failure to follow the operating instructions,
- improper use,
- Use of untrained personnel,
- unauthorized modifications,
- technical changes.

2.2 Intended Use

The product is a conversion kit (adapter) for trailer sockets in American cars and is plugged into the trailer socket on the car. The intended use also includes:

- Installation in the Dodge RAM Model 2019 including use of the turn signal error signals

2.3 Disposal

For disposal, the device is considered waste from electrical and electronic equipment (electrical/electronic scrap) and may not be disposed of as household waste.

3 INSTALLING THE ADAPTER

The following steps must be carried out to install the adapter:

1. Disconnect the ground cable from the battery
2. Description of the cable assignment on the adapterAdapter
3. Conversion of the electric trailer brake
4. Interfaces on the vehicle
5. Functional test

3.1 Disconnect the ground cable from the battery

For safety reasons, the ground cable must be disconnected from the battery before starting work. To ensure that no stored data is lost, it is recommended to use a quiescent current maintenance device. (Observe manufacturer's instructions)

3.2 Description of the cable assignment on the adapter

Wichtig:

Cable marked green (length = 2.15m)

Cable marked yellow (length = 1.95m)

→ **Left** side of the vehicle

→ **Right** side of the vehicle



3-pin cable short (0.8m)

Includes:

White = car fog lamp output

Brown = brake input

Black = fog lamp input

3-pin cable long (1.95m / 2.15m)

Includes:

White = signal input flashing error

Brown = signal output flashing error

Black = brake light

Important:

→ Connect brake signal from 3rd brake light!

→ **not** from taillights!

3.3 Conversion of the electric trailer brake

1. Remove the cover below the steering column
(2 screws at the bottom left and right).



2. Cut the blue/white cable of the plug shown in the picture and extend it to the cigarette lighter.



3. Remove 2 screws from the cover of the navigation device.
4. Remove the cover from the navigation device



5. Remove the plug from the 12-volt connection.
6. Solder the extended cable from step 2 to the red cable.
7. Then reinstall the plugs and covers.



3.4 Interfaces on the vehicle:

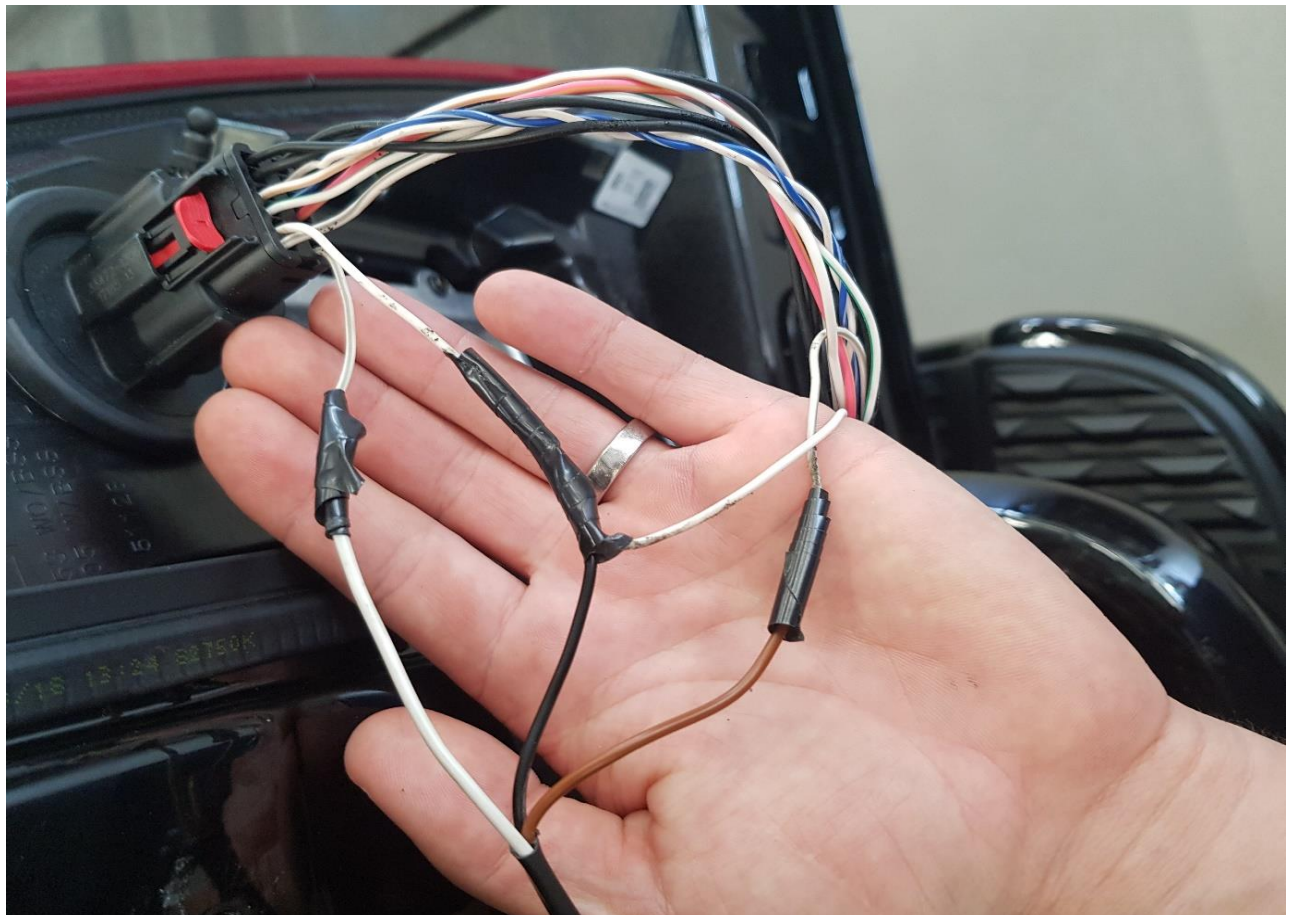
Right rear light::

				3-pin cable long (1.95m) trailer adapter:		
				Brake	Blink error Signal input	Blink error Signal output
				Black	White	Brown
Rear light vehicle	Brake	White/green	Do not disconnect	connect		
	Blinker error signal	White/beige	Separate		Connect to rear light	Connect to vehicle



Left rear light:

				3-pin cable long (2.15m) trailer adapter:		
				Brake	Blink error Signal input	Blink error Signal output
				Black	White	Brown
Rear light vehicle	brake	White	Do not disconnect	connect		
	Blinker Error signal	White/gray	Separate		Connect to rear light	Connect to vehicle



3.5 Functional test

Reconnect the vehicle battery.

The trailer socket must be tested with a real trailer or load carrier. Trailer testers must have load resistors. Simple diode test plugs are not suitable for properly testing all functions.