



Installation Instructions

Auto hold
v1.1 (13.08.2020)

Single license Cars Equipment s.r.o. - B?lehradská 858/23 PRAHA 2 - ?NOHRADY - 12000 PRAHA 2

Contents

1	Liability Exclusion	3
2	Copyright	4
3	General notes	4
4	Safety Instructions	5
5	Requirements for the intended use	5
6	How to connect a cable to another	6
7	Note Cable Inscription/Color	7
8	Overview Cable Inscription	7
9	Important note	8
10	Instructions to connect the cable set	8
11	Bus rest	9
12	Coding with Coding Interface	10
13	Coding Interface	10
14	Connection / troubleshooting cable set	10
15	Additional vehicle function	11

Single license Cars Equipment s.r.o. - B?lehradská 858/23 PRAHA 2 - VINOHRADY - 12000 PRAHA 2

1 Liability Exclusion

Dear Customer,

Our cable sets are developed according to the connection- and circuit diagrams of the corresponding car manufacturers. Before the serial production, the cable sets will be adjusted and tested on an original vehicle. Therefore, the integration into the vehicle electronics follows the guidelines provided by the car manufacturer. Our installation instructions correspond to what is common in the vehicle electric/electronic regarding the required pre-understanding and the accuracy of the description in text and picture. They have proven its worth in practice hundreds of times.

If you should experience any difficulties while installing one of our products, we are available to provide support via phone or email. Additionally, we offer you to execute the installation in our workshop in Bad Segeberg.

Costs, arising from third parties assigned with the installation of our products, are not being covered by us. We will only compensate the proven costs of the assembly and the costs of the disassembly of the defective product, if it turns out that there is an issue with our product. We limit the reimbursement of costs up to 110 Euro gross and reserve the right to verify the claim in our workshop in Bad Segeberg. The costs for shipping will be refunded if the claim is justified.

We made the experience, that every professional workshop that is equipped with the necessary diagnostic devices, the diagnostic software and the manufacturer's circuit diagrams, is able to find any possible defects in one of our products in a short period of time. The assembly and disassembly including troubleshooting the issue should therefore only take up to 60 minutes.

We also made the experience, that many professional workshops are not able to cope with the manufacturer's circuit diagrams and can't read common wiring schemes, which results in the calculation of several hours for the simplest installations. You will understand the fact, that we can neither take the risk of finding a reliable workshop for you, nor can we finance the training of the employees of your trusted workshop.

Costs, arising from purchasing missing parts or replacements for defective parts from other suppliers, are covered by us up to the amount that the subsequent delivery would have caused (saved expenses). According to the legal warranty law, there would be no reimbursement right, if there was no deadline for the subsequent fulfilling set or the deadline for a subsequent fulfilling hasn't expired.

That being said, if you have any problems during the installation or operation of one of our products call us, write us an email, send us the product or come by our workshop in Bad Segeberg with your vehicle. We are certain, that we can find a solution for any kind of concern.

Kind regards,
Your Kufatec GmbH & Co. KG Team

2 Copyright

Our installation and operation instructions, installation plans, software and other written and/or pictured documentations are protected by copyright.

The publication or distribution of these documentations is only permitted with a written approval of Kufatec GmbH & Co. KG.

3 General notes

While developing this product, your personal safety combined with the best operating service, modern design and an up-to-date production technique was especially taken into account.

Unfortunately, despite the utmost care injuries and/or damages might occur due to improper installation and/or use.

Therefore, please read the following instruction manual fully and thoroughly and keep it!

All articles of our production line pass through a 100% check – for your safety and security.

We reserve the right to carry out technical changes which serve the improvement at any time.

Depending on each product and purpose, it might be necessary to check each country's legal regulations before installing and starting it.

In case of warranty claims, the product has to be sent back to the seller in the original packaging with the attached bill of purchase and detailed defect's description. Please, pay attention to the manufacturers return requirements (RMA). The legal warranty directions are valid.

The warranty claim as well as the operating permission becomes invalid due to:

- unauthorized changes to the device or accessories which have not been approved or carried out by the manufacturer or its partners
- opening the casing of the device
- repairing the device on one's own
- improper use/operation
- brute force to the device (drop, willful damage, accident etc.)

During the installation, please pay attention to all safety relevant and legal directions. The device should only be installed by trained personnel or similarly qualified people.

In case of installation problems or problems concerning the functionality of the device, limit the time to approx. 0,5 hours for mechanical or 1,0 hours for electrical troubleshooting.

To avoid unnecessary costs and time-loss, send in an immediate support-request, via the Kufatec-contact-form (<http://www.kufatec.de/shop/de/infocenter/>).

In case of, let us know the following:

- Car chassis number/vehicle identification number
- Five-digit part number of the device
- Exact description of the problem
- Steps you have taken to solve the problem

4 Safety Instructions

The installation should only be performed by trained personnel. Only perform installations while in a voltage-free state. For example, disconnect the battery. Please pay attention to the instructions provided by the manufacturer.

- Never use bolts or nuts from the car's safety devices for installation. If bolts or nuts from the steering wheel, brakes or other safety devices are used for installation of the device, it may cause an accident.
- Use the device with a DC 12V negative ground car. This device cannot be used in large trucks which use a DC 24V battery. If it is used with a DC 24V battery, it may cause a fire or accident.
- Avoid installing the device in places that would restrict you from driving safe or where it could damage the car's other fittings.
- This device should only be used in combination with the mentioned vehicles. Only connections described within this instructions guide are allowed or required to use for installation.
- For damages caused by faulty installation, unsuitable connections or inappropriate vehicles, Kufatec GmbH & Co. KG assumes no liability.
- We advise you that these devices process data from the MOST – protocol of the vehicle. As the supplier of this device we don't know the overall system you are working with. If your device causes damage, due to other changes made to the vehicle, Kufatec GmbH & Co. KG assumes no liability.
- Kufatec GmbH & Co. KG supplier does not guarantee the use of the product for changes within a new vehicle series.
- If the car manufacturers don't agree with the installation of our device by reason of warranty, Kufatec GmbH & Co. KG assumes no liability. Please, check conditions and warranty before you begin the installation.
- Kufatec GmbH & Co. KG reserves the right to change the device specifications without notice.
- Subject to errors and changes.

5 Requirements for the intended use

Only use this device in its intended area.

In case of unprofessional installation, improper use or modification, the permission for the operation and the warranty claim will expire.

6 How to connect a cable to another

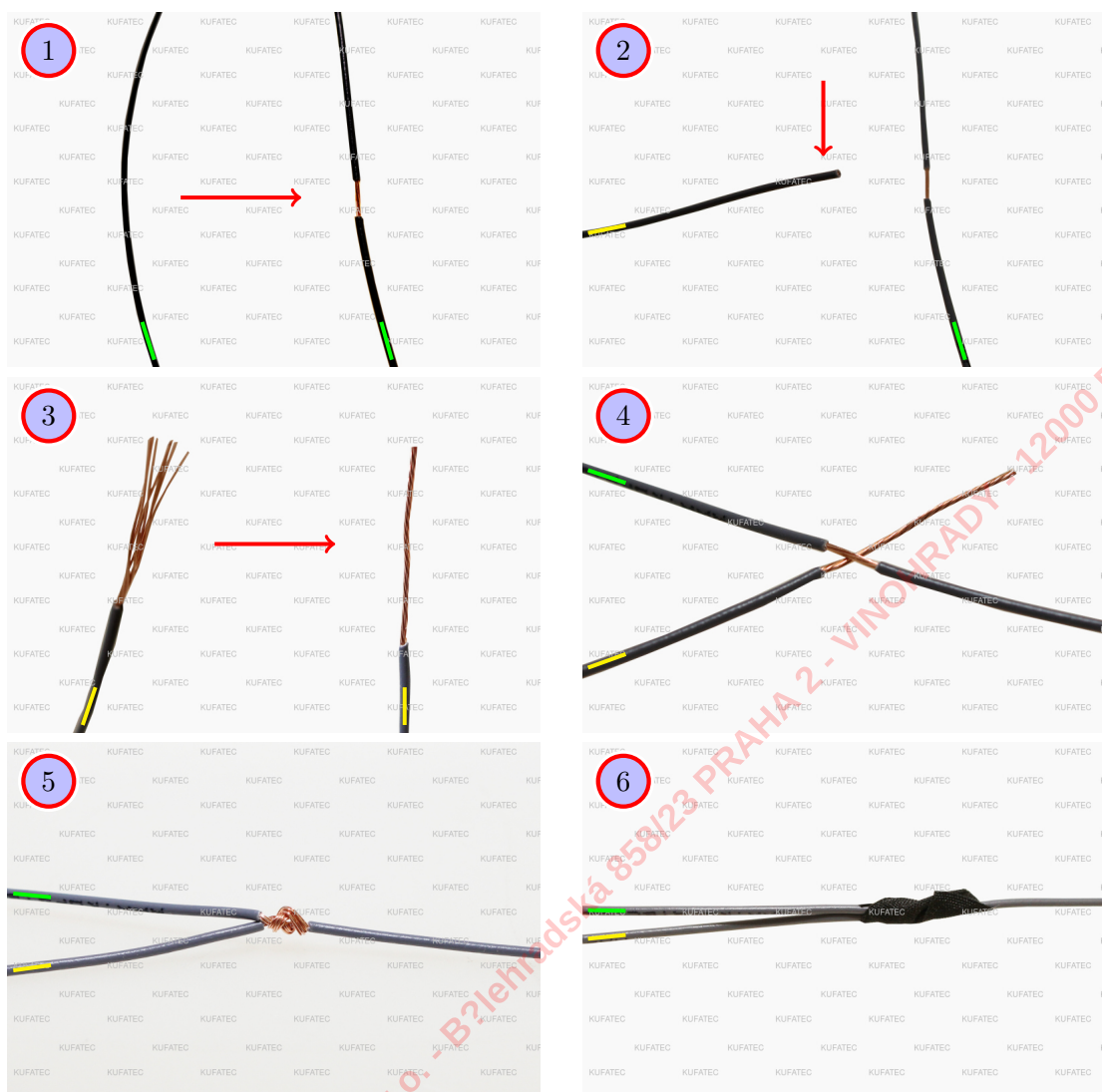


Figure 1: How to connect a cable to another

Table 1: How to connect a cable to another

No.	Work step	Note
1	Take the cable of the vehicle, to which you want to connect, (green marked here) and strip the insulation at one point with a suitable tool (cable stripper/cutter knife).	
2	Now take the cable of the cable set, which you want to connect, (yellow marked here) and strip the insulation at the end.	
3	Twirl the wires of the stripped cable together.	
4	Place the end of the cable you want to connect under the stripped point of the cable of the vehicle...	
5	... and wrap the cable you want to connect around the cable of the vehicle.	
6	Lastly, stick insulating tape around the connection point. Make sure that the isolation is put onto the connection professionally to prevent corrosion.	

7 Note Cable Inscription/Color

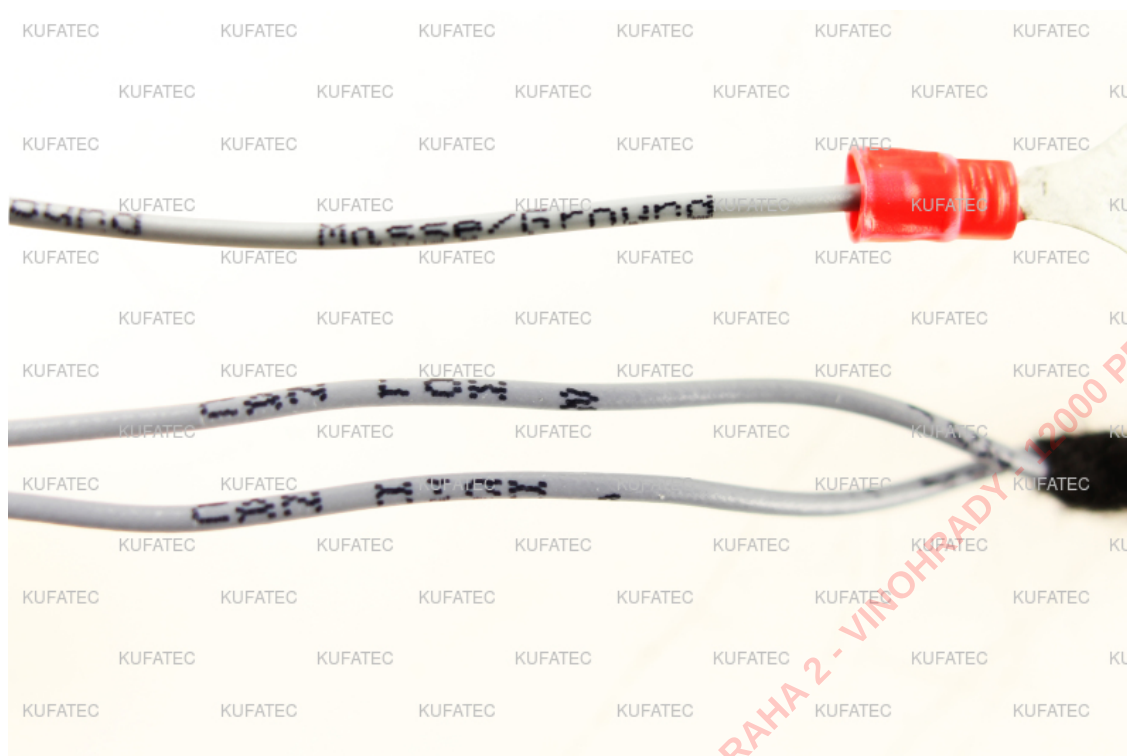


Figure 2: Cable Inscription

If the cable set consists of colored cables, connect the cables according to the color. If all cables of the cable set have the same color, connect the cables according to the cable inscription.

8 Overview Cable Inscription

Overview Cable Inscriptions

- The cables from our cable set will mostly be inscribed in German. For your understanding, please see the following table.

Inscription	Translation	
Masse	Ground	
Zuendungsplus	Ignition plus	
Dauerplus	Steady plus	

9 Important note

Assembly note cable set

The vehicle used for the assembly instruction was a **Audi Q3 F3**. Please make sure to keep that in mind.

- Please route the cable set in a suitable, invisible way to the following connections.
- Important note: Keep in mind that the point of assembly as well as the cable routing may vary depending on the vehicle's model.

Cable assignment:

Cable	Inscription / Connection	
Cable 3er	9,10,11 / button plug 12-pole Pin 9,10,11	
Cable 2er	23,32 / ABS control unit Pin 23,32	
Cable 1er JPT	34 / ignition plus Kl.15, 5A	

10 Instructions to connect the cable set

Table 2: Instructions to connect the cable set

No.	Work step	Note
1	Remove the covering of the center console. Remove the old button from the center console as well.	
2	Connect the cable set (3er cable) to the new button (12-pole) :	
	Cable with inscription 9 is pinned to Pin 9	
	Cable with inscription 10 is pinned to Pin 10	
	Cable with inscription 11 is pinned to Pin 11	
3	Pull the cable set (2er cable as well as 1er cable) from the center console to the driver's footwell. The single cable with inscription 34 is routed to the fuse box. Use a multimeter to look for a ignition plus Kl. 15 carrying slot (we used the slot 34). Pin the cable for ignition plus to the slot and secure it with a 5A fuse .	
4	Route the 2er cable to the rubber grommet in the driver's footwell. The grommet is located behind the carpet covering at the height of the clutch pedal.	
5	Pull the 2er cable from the footwell to engine compartment. Use a pulling tool. The other end of the grommet is located behind the vehicle's battery.	
6	Route the 2er cable along the front wall (engine compartment) from the driver's side to the ABS plug (ABS control unit). It is located on the passenger's side directly beside the cooling water compensating reservoir.	
7	Pull off the plug from the ABS control unit . Unlock the plug and pin the cables to the plug as follows:	
	Cable with inscription 23 is pinned to Pin 23	
	Cable with inscription 32 is pinned to Pin 32	
!	Note: Subsequently the vehicle has to be coded.	

Notes for assembling the vehicle

- Before you start assembling the vehicle, the system must first be tested for proper function.

11 Bus rest

Final work / bus rest

- **Important note:** After the coding has been completed, you need to wait for the bus rest.
- **Proceed as follows:**
 - Switch off ignition and close all doors.
 - Close up the car by remote control.
 - Leave the car for about 10 minutes.

Important: Make sure that the key is not inside or nearby the car if it is equipped with keyless go system.

Single license Cars Equipment s.r.o. - B?lehradská 858/23 PRAHA 2 - VNOHRADY - 12000 PRAHA 2

12 Coding with Coding Interface

Instructions for using the Coding Interface

- **Important note:** For the models from model year 2019 - the bonnet must be opened before coding. It must remain open during the coding process.
- Switch on the ignition. Please note that the **engine will not be started**. Wait approximately 30 seconds and plug the Interface into the diagnostic interface (OBD II plug) of the car. The diagnostic box is situated in the driver's leg area on the left side above the foot rest.
- On a coding dongle with one LED, as soon as the coding has been started, there will be one red LED, which will illuminate permanently. As soon as the LED turns off, the coding has been executed and the Interface can be removed. According to the car or retrofit, the coding can take up to a minute.
- On a coding dongle with two LEDs, as soon as the coding has been started, there will be one red and one green LED which will illuminate. While the coding the green LED flashes or rather flickers. As soon as the red LED turns off and the green LED illuminate permanently, the coding has been executed and the Interface can be removed. According to the car or Retrofit the coding can take up to a minute.

13 Coding Interface

Dongle for executing the coding

- In order to carry out the coding for the vehicle, the following dongle is required: Article number 42076 (included in the scope of delivery for the complete set 43695-3.)

14 Connection / troubleshooting cable set

From cable 3er to:

- **Power supply/ABS control unit**
 - Pin 10 to ignition plus terminal 15 5A
 - Pin 9 to pin 32 (connector ABS control unit)
 - Pin 11 to pin 23 (connector ABS control unit)

15 Additional vehicle function

Note additional vehicle function

- Please pay attention to the specific operation of your vehicle in order to activate/use the additional functions. You can find the information in the documents of the vehicle/log book.

Single license Cars Equipment s.r.o. - B?lehradská 858/23 PRAHA 2 - VINOHRADY - 12000 PRAHA 2

List of Figures

1	How to connect a cable to another	6
2	Cable Inscription	7

List of Tables

1	How to connect a cable to another	6
2	Instructions to connect the cable set	8

Single license Cars Equipment s.r.o. - B?lehradská 858/23 PRAHA 2 - VINOHRADY - 12000 PRAHA 2