

Trouble-shooting of CFC® - technology

CFC® - technology introduced by Jaeger automotive GmbH is a most reliable system to combine trailer lighting with modern vehicle's light and comfort capabilities.

Although easy to fit CFC® requires adequate accuracy in installation and maintenance. The highest number of failures during installation or operation is related to neglect of procedures displayed in each respective fitting instruction or to improper methods of testing and diagnosis of CAN-BUS based systems.

Basic demands for safe and reliable operation of CFC® are :

- Permanent current feed to the CFC® - module
- Stable ground connection according to product design
- Profound connection of CAN-BUS data lines according to product design
- Strict observance of all procedures displayed in each respective fitting instruction
- Qualified coding according to vehicle manufacturer's guidelines with suitable equipment

Fulfilment of these demands will definitely result in CFC® - performance to greatest satisfaction.

Jaeger automotive GmbH certainly realises, that there are incidents during vehicle operation, which may lead to disturbance of data based communication due to:

- Accident
- Battery failure
- Alternator malfunction
- Long term storage
- Overload
- Neglect of installation requirements

Important note: It is compulsory to disconnect the battery of the vehicle for the period of the installation process to avoid communication failure!



In order to overcome troubles out of interrupted communication between vehicle and CFC®-module with failure of trailer lighting, Jaeger automotive GmbH has developed a **RESET** -procedure fast and easy to perform.



RESET of CFC®-module

1. Make sure all components of the electric installation are in place, including the CFC®-module.
2. Withdraw all fuses feeding the CFC®-module and put them aside, there position is displayed within the fitting instruction. Remember the position and strength of each fuse!
3. Withdraw the vehicle key from the lock and store it outside of the vehicle. Make sure interior lights are set to automatic or off position. Disconnect or shut down all accessories like reading lights, mobile phones, notebook chargers or cooling boxes.
4. Close all doors and lids and windows, alarm systems should be deactivated when equipped with in-car surveillance.
5. Lock the vehicle applying the radio control central locking button on your key.
6. Leave vehicle locked for a period of at least 10 minutes. This procedure will put the comfort-CAN-BUS of the car to sleep-mode in order to resume communication. Longer periods of time will not harm.
7. Unlock vehicle with radio control of car key.
8. Open vehicle and reinstall withdrawn fuses to there original position. Reintegration of CFC®-module communication starts now.
9. Put vehicle key into ignition lock and set to ignition-on position.
10. Check proper function of all elements of trailer lighting, lamp failure control and shut down of PDC-system by use of a real trailer or test beam / bike carrier with genuine lamps. LED-equipped testers are unsuitable for lack of electric resistance necessary for trailer detection.

Full function of CFC®-system should now be regained. In case of further malfunction RESET procedure may be executed again.

In case of continuing malfunction you are invited to consult the **TECHNICAL HOTLINE** of Jaeger automotive GmbH free of service charge Monday to Friday, 07.30am-04.30pm.

PHONE: 0049-5246-921019

Languages: german + english