

Subject: Possible damage of USB chargers in case of not correct installation or by using a fuse with higher load value than recommended in installation scheme of USB chargers

We found out, that at our customers occurred damages of USB chargers delivered by our company, in types USB-5V-2-4.2-00-A and USB-5V-2-4.2-00-B, which we have supplied also to you. It was caused due to inexpert installation by our customer or their clients or on the ground of failure to follow fundamental principles when replacing blown fuse in power supply circuit of USB chargers.

In order to prevent possible damage of chargers type USB-5V-2-4.2-00, please note, that it is necessary to follow mentioned principles mandatory for installation of these USB chargers (hereinafter referred to as „mandatory principles of installation“):

1. It is forbidden to use fuses with higher load value, than recommended in attached installation scheme of USB chargers – scheme VD_USB01, enclosed as Annex Nr. 1.
2. It is necessary to follow installation scheme of USB chargers into vehicle – Annex Nr. 1.
3. It is forbidden to use wires with smaller cross section than wires recommended in attached installation scheme of USB chargers – scheme VD_USB01, enclosed as Annex Nr. 1.
4. It is forbidden to use more than 8 pcs of USB chargers on one powered line.
5. The power supply of USB chargers can be active only in “operation mode” of vehicle, it means switched on after main key (ACC) or only during engine running (signal D+) or activated by independent switch on dashboard of the vehicle.

NOTE: If the installation does not comply with mandatory principles of installation, or there are used fuses with higher load values, it may cause destruction of internal circuits of USB charger and permanent short-circuit. This can bypass input voltage to the output of the USB charger, which may cause irreversible damage of the charged device.

In case that mandatory principles of installation will be not followed in all points from your side, please note, that we are not liable for any resulting damages.

Note: This technical information is relevant also for model series “USB charger kit 2xUSB ...” with order code USB-5V-2-4.2-03-xx and USB-5V-2-4.2-04-xx, (where xx means color code) because inside is used USB charger module type USB-5V-2-4.2-00.

With best regards,

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Project Manager



Annex: Installation scheme VD_USB01_20140115EN

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