



Assembly instructions for DS/1STEL locator

 **DS locate**

TRUCK



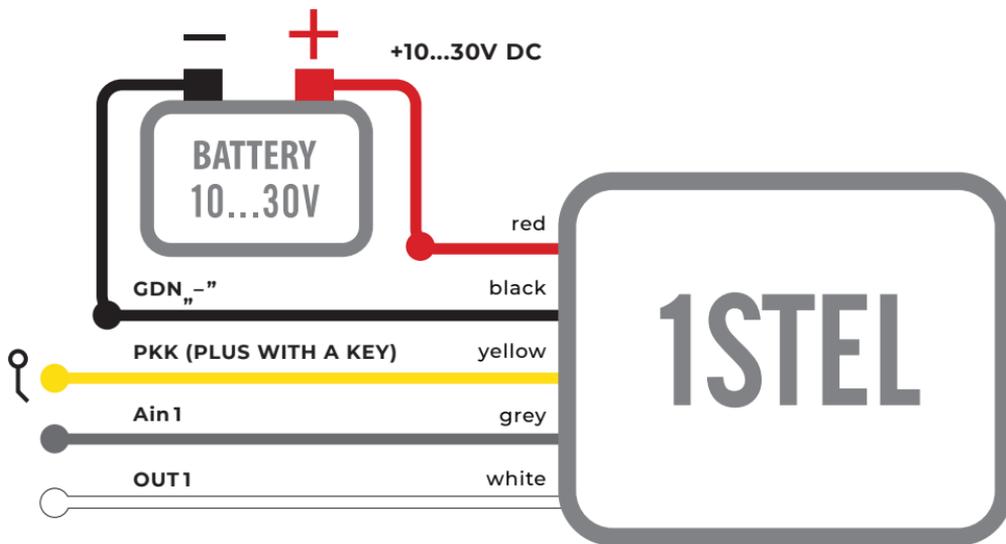
ATTENTION! Assembly of a DS/1STEL locator should be performed by a car electrician or a person authorized by Data System.

Necessary tools:

- multimeter (DC voltmeter with a measuring range up to 30V)
- screwdrivers: flat, cross, torx
- angular cutters
- pliers

DS/1STEL Locator

assembly diagram



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1.

Start the installation of the device by removing the cap under which there are screws in order to unscrew them. In every truck, the necessary fuses and cables are under the dashboard in front of the passenger seat.



2.

In most cases, the bolts are of the TORX type, which must be unscrewed and put in one place so that all the bolts securing the dashboard casing do not get lost - access to them is not restricted.



3.

After removing the screws, you can easily remove the lower fuse cover.



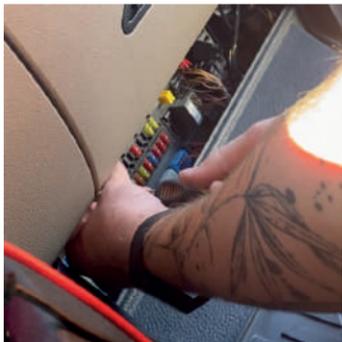
4.

After removing it, you have access to the fuses and the OBD connector to which you will connect the power supply of the DS / ISTEEL device.



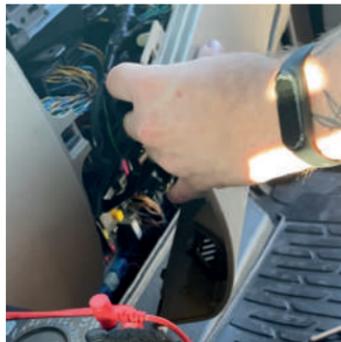
5.

Next, unscrew the screws securing the upper dashboard cover.



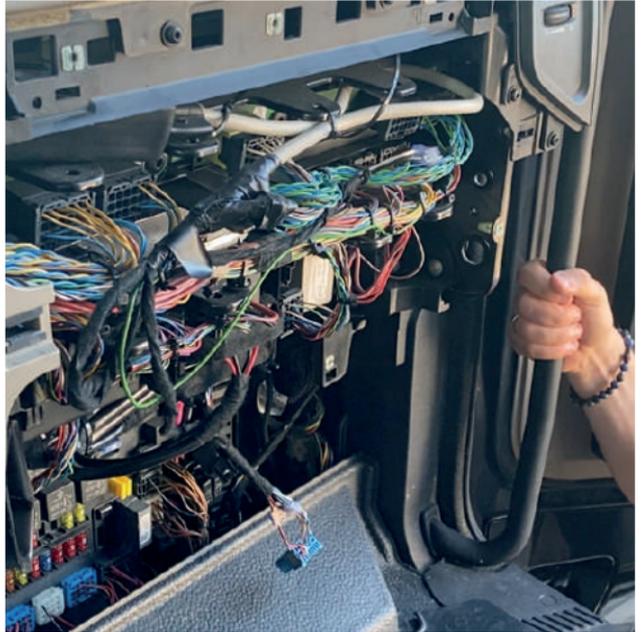
6.

After unscrewing all fastening screws, reveal the dashboard panel.



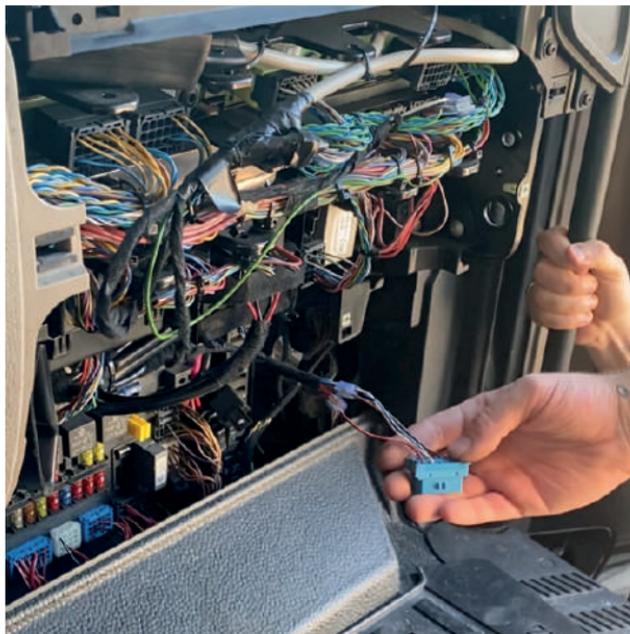
7.

Here is a photo of fuses, OBD connectors and wires to which you will connect the DS / ISTEEL device.



8.

Connect the power supply of the DS / ISTEEL device using the blue through-hole scotchlocks which are provided with the kit.



9.

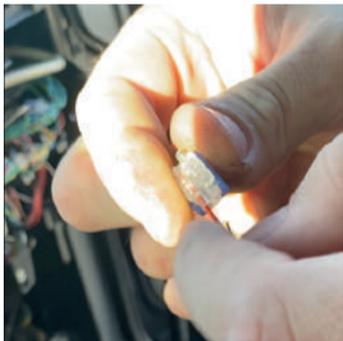
To install the DS / ISTEEL device, use three wires coming from the device: the red wire which is the power plus (+), the black wire which is the power minus (-) and the yellow wire which is the wire on which the power supply voltage is to appear after turning on the vehicle ignition (plus after the key).



10.

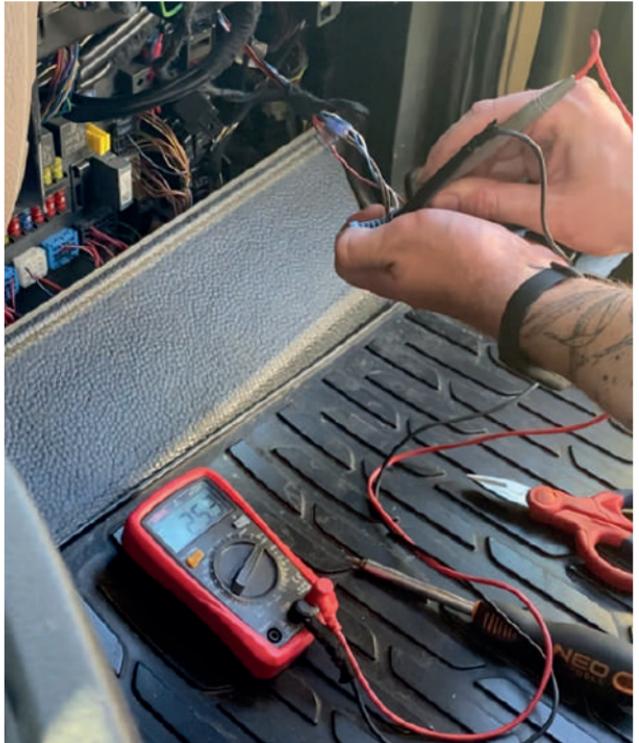
Put the scotchlocks on the insulated wires with a blind end and clamp them from the side of the inserted wire.

Do the same for all 3 wires involved in the installation - red (+), black (-) and yellow (plus after the key).



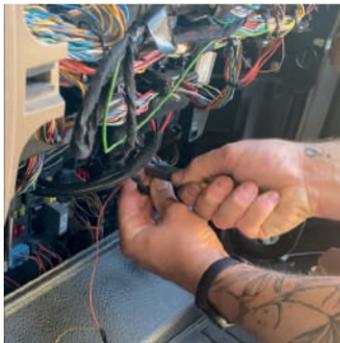
11.

Check on which pins of the OBD block there is a constant power supply equal to the value of the battery voltage. The voltage should be sought between the 4 (+) and 16 (-) pins, as shown in the photo above. Verify on the meter after connecting the indicated pins of the constant supply voltage = 24-26 V DC.



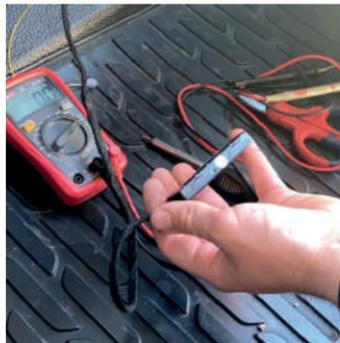
12.

Clamp the scotchlock with the inserted red wire on the positive power wire after the OBD connector and the black one on the negative power wire of the OBD connector.



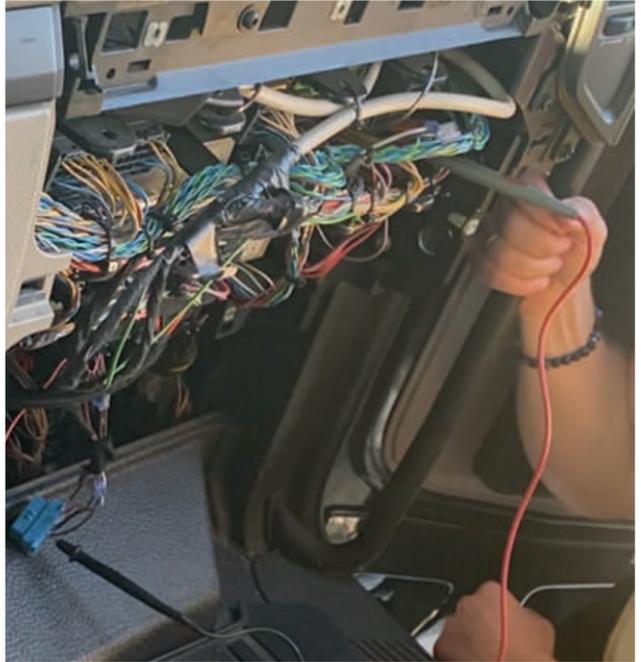
13.

After tightening the scotchlocks with pliers, the DS / ISTEEL device will start blinking green signal diode, which means that we have connected them well to the constant power source from the OBD connector.



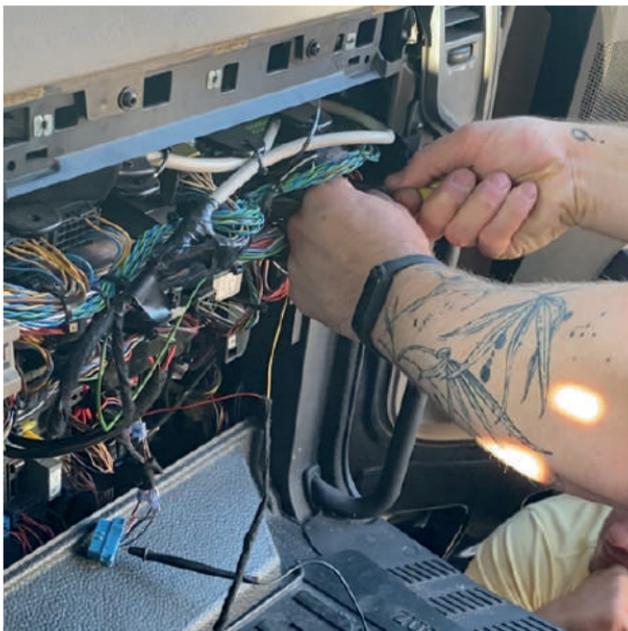
14.

Then connect one meter lead (negative) to the minus pin of the OBD connector, and with the other pin of the meter lead set to the DC voltage test range up to 200 Volt, look for a power plus equal to the battery voltage value, which appears only when the vehicle ignition is on. This operation requires you to connect to the next connectors and turn on and off the ignition switch. When you find a plus on the key, after removing the keys from the ignition, the voltage disappears from the measured circuit, and when it is turned on, it will reappear. This way, you will find the plus wire on the key to which you attach the yellow wire coming from the DS / ISTEEL device.



15.

After connecting all three cables, place the device up under the dashboard. Fix them sticker facing up with the zip ties. After tightening it, cut off the excess of zip ties. The last, operation, reverse to unscrewing the mounting bolts is to put on the dummy and tighten the bolts so that the car looks the same after the installation as before it was started.



In order to verify the correctness of the device installation and receiving alerts from e-TOLL system, log in to the **DS Locate** application. You can download it for free from the **Google Play** or **AppStore**.

We have sent the login access data to your e-mail address. If you have not received your access data, please contact us by writing a message to the following address: **pomoc.techniczna@datasystem.pl**.

Regulations for the provision of location services based on the DS Locate system and the rental or sale of devices available at www.datasystem.pl

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