

## FIXED INSTALLATION

Toll4Europe recommends to have a fixed installation with a permanent power cable installed by a professional service.

For vehicles subject to ADR/ ATEX regulations it is mandatory to have a fixed installation, as by law no use may be made of cigarette lighter power and batteries are not allowed in the cabin.

The power for the Toll4Europe OBU is provided through a three-threaded cable for fixed installation:

- with socket Micro-Fit 3.0,
- 4 circuit receptacle in combination with a Molex connector,
- type 43025-0400.



If an ADR vehicle use a fixed installation then the OBU **MUST NOT** contain a battery. The OBU will be powered in most of the cases by the vehicle's board network – only when loading/unloading the OBU is completely shut down (reboot) when switching off the board network completely (separate switch – standard in ADR trucks).



### Recommendations

- The installation shall be performed via professional services
- The internal (buffer) battery **MUST NOT** be removed for regular vehicles
- The internal (buffer) battery **MUST** be removed for ADR vehicles (carrying dangerous goods)



### Re-use of cables from different suppliers

#### 1. Satellic:

The T4E OBU can be connected to existing cables of the Satellic OBU. Adapter plugs can be re-used.

#### 2. Toll Collect:

As there are different Toll Collect (TC) OBUs in the field, a general advice on the re-use of TC OBU cables is NOT possible as additional adapter plugs might or might not be necessary due to the different voltage feeds. However, if a Satellic OBU has been connected previously to "old" TC cables, the same connection can theoretically be established (using the existing adapter plugs) under professional supervision following the instructions in the manual.

Especially when using the enclosed TC cable, fuses must be used according to the instructions in the manual, which also contains an indication of the cable colors. On the top of this page you will find information about what kind of plug and what pin assignment is necessary if a connection needs to be established.