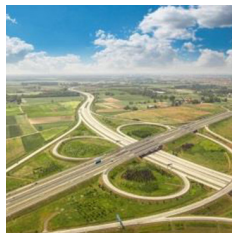
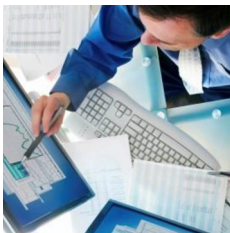




www.fleet.vdo.com

Quick reference guide Tyre Control



VDO

Dear Customer,

This manual describes how to enable the Tyre Control service on the DriverLinc in cab device.

About Tyre Control

Tyre Control is a service that allows a driver to view the temperature and pressure of a tyre. The service requires an installed Conti Pressure Check (CPC) system that is connected to the Astrata TruckLinc device.

How It Works

Conti Pressure Check (CPC) is a direct measurement system fitted directly inside the tyre. CPC uses a sensor inside the tyre to continuously monitor the inflation pressure and tyre temperature to prevent loss of pressure leading to damage or in severe cases blowouts.

CPC immediately detects any changes in tyre inflation pressure or temperature. The sensor inside the tyre sends the data via wireless network to a Central Control Unit (CCU) this processes the data, saves warnings and sends them directly to the driver display.

CPC uses a single module that is contained inside a rubber container and glued to the inner surface of the tyre. Removing errors due to heat radiation that are visible on inner rim based systems.

Follow the steps detailed in this manual to enable Tyre Control. If there are further questions on the service, please contact the Astrata hotline on the numbers below:

Tel:

Austria -	+43 720 568 094
Belgium-	+ 32 258 886 873
France-	+ 33 184 011 119
Germany-	+ 49 231 997 778 90
Hungary-	+ 36 170 087 69
Italy-	+ 39 069 480 8938
Netherlands-	+ 31 402 348 432
Poland-	+ 48 223 070 485
Spain-	+ 34 911 899 083
United Kingdom-	+ 44 203 002 1235

Email: hotline@astrata.eu

What is required?

There are a number of steps that need to be completed to enable the Tyre Control service on the DriverLinc.

- Connect the Continental Pressure Check system (CPC) to the TruckLinc On Board Unit (OBU)
- Activate the Tyre Control service in VDO FleetVisor
- Access the Tyre Control module menu in DriverLinc

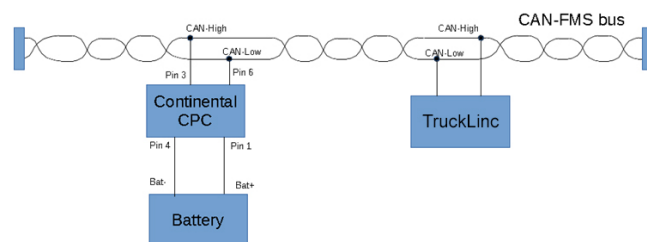
How to connect the CPC to the OBU

The following considerations need to be taken into account when connecting the CPC to the OBU

- The TruckLinc needs to be connected to the CAN FMS – 2 wires are needed for this:
 - o Can Low
 - o Can High
- The 8 pin connector of the CPC system needs to be connected to the battery power – 2 wires are needed for this: - Bat – (Ground) and Bat +
- The 8 pin connector of the CPC system needs to be connected to the CAN FMS - 2 wires are needed for this:- Can Low and CAN high

1. Picture of an Astrata On Board Unit (OBU) taking data from the CPC via the CAN

OBU = Blackbox

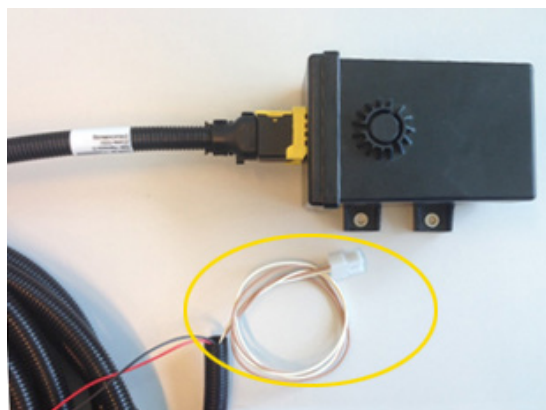


Note: The connection of the Astrata OBU to CAN-FMS is a standard procedure, which results in connecting the CAN-High signal to pin 10 of the 18 pin „OBU to truck interface connection“, and CAN-Low to pin 11. Below is a description of the E harness and connectors

2. A connection needs to be made between the Continental CPC units and the Astrata OBU to ensure the information is passed to the DriverLinc Unit

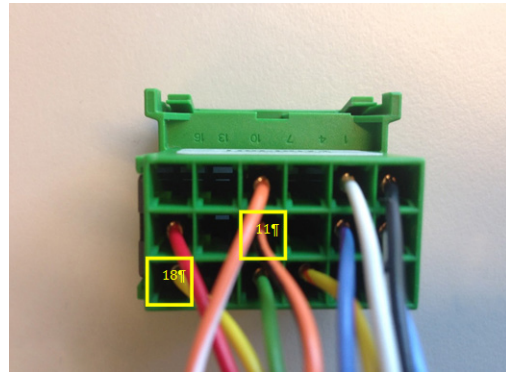
Two wires coming from the CPC harness need to be connected to the Astrata Connector called “OBU to truck interface connection”

WHICH COLOR IS CAN HIGH AND WHICH IS CAN LOW FROM THE CPC CONNECTOR



3. The 2 wires from the CPC harness need to be connect to the following pins on the Astrata Connector called: "OBU to truck interface connection"

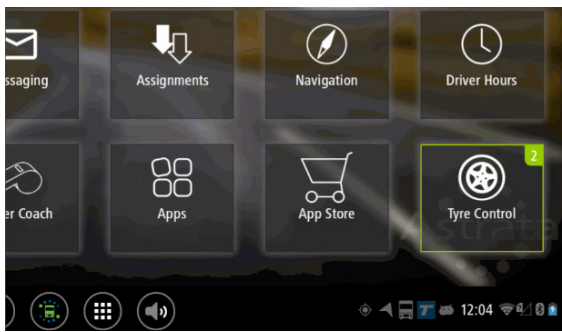
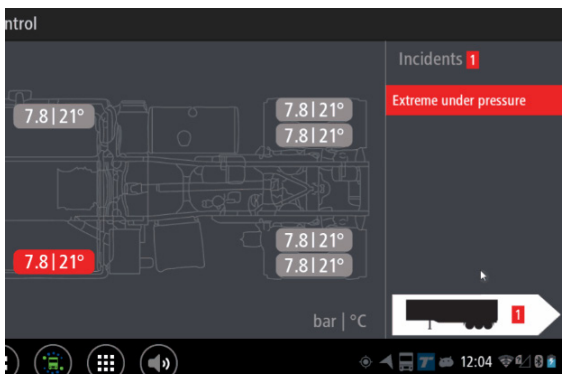
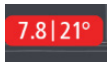
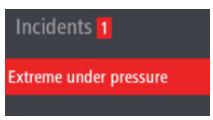

CAN High to pin 18
CAN Low to pin 11



Activate the Tyre Control Service in VDO FleetVisor

<p>1. Log into VDO FleetVisor</p>	
<p>2. Select Administration -Assets – Vehicle tab</p>	
<p>3. Select the vehicle that has the service enabled</p>	
<p>4. Select the displayed vehicle</p>	
<p>5. Select the services tab</p>	
<p>6. Select and Tick the Tyre Control service</p>	

Using the Service on DriverLinc

<p>1. Once the service is activated on VDO FleetVisor the widget will appear on the DriverLinc</p>	
<p>2. The Driver can when selecting the widget view the Tyre Control screens</p>	
<p>3. View tyre pressure and temperature</p>	
<p>4. View notifications and alerts</p>	
<p>5. Access the Trailer tyre information</p>	



Continental Automotive GmbH

Heinrich-Hertz-Str. 45
78052 Villingen-Schwenningen
Germany
www.fleet.vdo.com
tachograph@vdo.com
VDO – A trademark of the Continental Corporation

The information provided in this brochure contains only general descriptions or performance characteristics, which do not always apply as described in the specific case or which may change as a result of further development of the product. This information is merely a technical description of the product. This information is not meant or intended to be a special guarantee for a particular quality or particular durability. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract. We reserve the right to make changes in availability as well as technical changes without prior notice.

Continental Automotive GmbH | English © 12-2016
Printed in Germany