SIL

Stoneridge

Recipients :	Stoneridge Importers
Release date :	22nd of June 2020
Update purpose :	Updated CAN-Diagnostics recommendation
Object :	Setting the C-CAN parameters for Remote download (including Mercedes **Fleetboard** specificities**)**

Objective: transmit card and VU data to the transport company fleet management software (such as OPTAC3Web), via an additional ECU connected to the VU (such as the DigiDL).

The SE5000 VU, from version 7.2, has the capability of communicating with a remote download ECU (FMS unit) on the C-CAN bus.
For the FMS to capture the VU and Driver Card data, the VU parameters must be set as described in the table below.

Additionally, the C-CAN connections must be wired as follows:
- C5 is CAN high
- C7 is CAN low
- if termination is required, C8 and C7 must be shunted as pictured below.
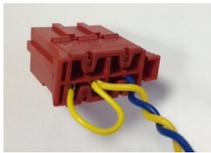
C-CAN wiring including CAN termination

If you need to change the parameters, you must have the workshop card inserted into the VU and the PIN code entered.
The parameters can be read using the Optimo version 3.1 and above.

If the C-CAN parameters have been modified, it is imperative to **disconnect and reconnect the VU** for the new settings to be recognised.

Setting	Value	Description
C-CAN	Enable or Disable	This controls DDS over C-CAN and does not impact Remote Download
C-CAN Type	Standard or Fast Extended	Most current FMS systems will accept **Standard.** For vehicles equipped with a **Fleetboard,** this must be set to **Fast Extended.**
C-CAN Diagnostics (or A-CAN Diagnostics if the RDL device is connected on A-CAN)	ISO	Most current FMS systems will require **ISO**. Even the Mercedes Fleetboard.
Remote download activation status	Enable	Remote Download function activation
Remote Download C CAN configuration	Enable	Make sure **Remote Download A CAN configuration** is set to **Disable**, or vice-versa : activate Remote Download on only one CAN at a time.
Remote download card writing	Disable	Can be **Enable** or **Disable**, however we recommend that this is **Disable**
Show remote download	No	Can be **Yes** or **No**. This will determine whether the driver is aware that a remote download is taking place or not.
Wake-up on CAN	C-CAN or Both	Options: **Off**, **A CAN**, **C CAN** or **Both**. If the SE5000 is already set to **A-CAN**, change this to **Both.** If it is **Off**, change it to **C-CAN.** If this is OFF, Remote Download will require Ignition ON.