

digican

Installation and Accessories Guide



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digiCAN Connections and Indicators

Components

- digiCAN
- 4 Square Pin to 4 Square Pin cable

digiCAN connections and indicators



Fig 1.



Activity Indicators:

R - Power/Busy
G - CAN
B - Bluetooth

1) CAN Bus 1

2) Auxiliary
 Connection

3) CAN Bus 2

Vehicle Unit Rear Connections

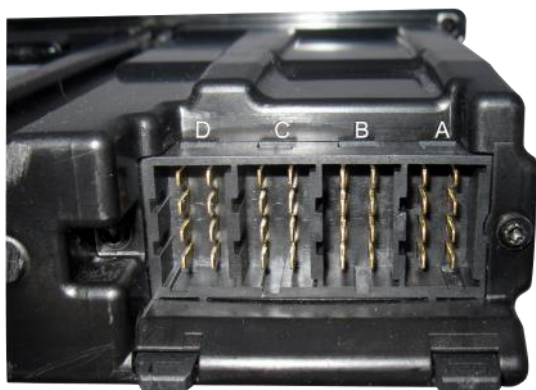


Fig 2.

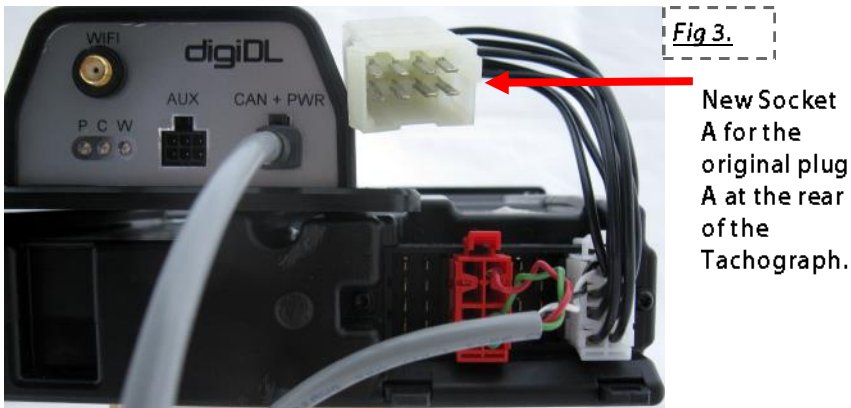
- A CAN-Bus - A
- B Speed Sender
- C CAN-Bus - C. For use with digiCAN and digiDL.
- D Serial Outputs. Not used in this context.

Installing the digiCAN with digiDL

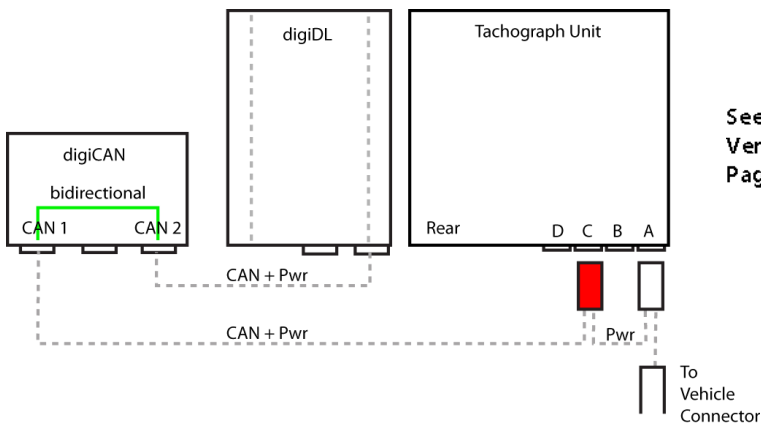
Connect the cable supplied with the digiCAN to the “CAN + PWR” port of the digiDL and the other end to either CAN Bus 1 or CAN Bus 2 of the digiCAN.

Connect the four port black connector from the digiDL cable assembly which would normally be plugged into the CAN + PWR on the digiDL (see Fig 3.) to the free port on the digiCAN.

Connect the other end of the digiCAN cable to the digiDL.



Please Note: The Speed sensor connection remains in the Tachograph Socket B, this is not shown. You have to remove the existing plug A from socket A of the Tachograph. The plug you removed from socket A must be placed in the new socket clearly visible at the top of Fig 3.



Using digiCAN with digifob for Android

Minimum Requirements:

- A smartphone or tablet with Bluetooth
- Android 2.2 or above
- Access to Google Play store

Download the latest version of the digifob for Android app from the Google Play store, start the application, select "Settings", Select "Bluetooth settings" and then scan for new devices. Select the device called 'DIGICAN_serial number' and use the PIN provided on the products packaging to pair with the device. The serial number can also be found on the packaging, as well as printed on the device itself.

Once successfully paired, press 'back' to return to the digifob for Android settings. Open "Paired device" and select the digiCAN that you paired in the previous steps.

The "Use one minute rule" option is default for the application. Please check that your Tachograph is compatible with this setting.

Once you have completed the above steps, return to the main screen. The Bluetooth and sync symbols in the bottom left of the screen should both be green if connection has been successful. If they are amber or red, open the menu and select "Refresh". Then wait while the connection to the device is re-established.

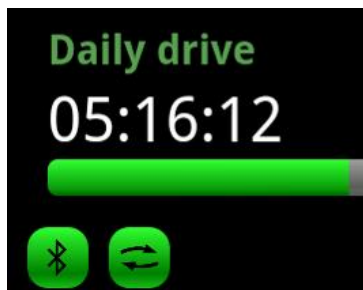


Fig 5.

The app will automatically update the device display as you drive, providing a real time readout of your current driving and rest data.

Whilst the Download option is available in the digifob for Android app, this feature is currently not supported with the digiCAN.

Using digiCAN with the GPS Mouse

Hardware Requirements:

- digiDL– firmware version 1.16 or above
- GPS Receiver
- digiCAN

Connect the GPS Receiver to the auxiliary port of the digiCAN and then place it in clear sight of the sky on the dashboard or windscreen to ensure maximum signal.

GPS Positional data will be passed to the digiDL for automatic upload to the appropriate digiCentral server. Data is available real time subject to GPRS connectivity. If connection is lost then data is stored and sent later.



Fig 6.

Using digiDL with the Driver Button Accessory

Hardware Requirements:

- digiDL
- Driver Button accessory

Insert the button's connector in the digiDL AUX socket. Fit the button to an appropriate location in the vehicle. We would normally recommend fitting to the blanking panel that is likely to be concealing the digiDL.

Pressing the button will trigger a download of the driver card in the first slot of the Tachograph only.



Fig 7.

Button download process:

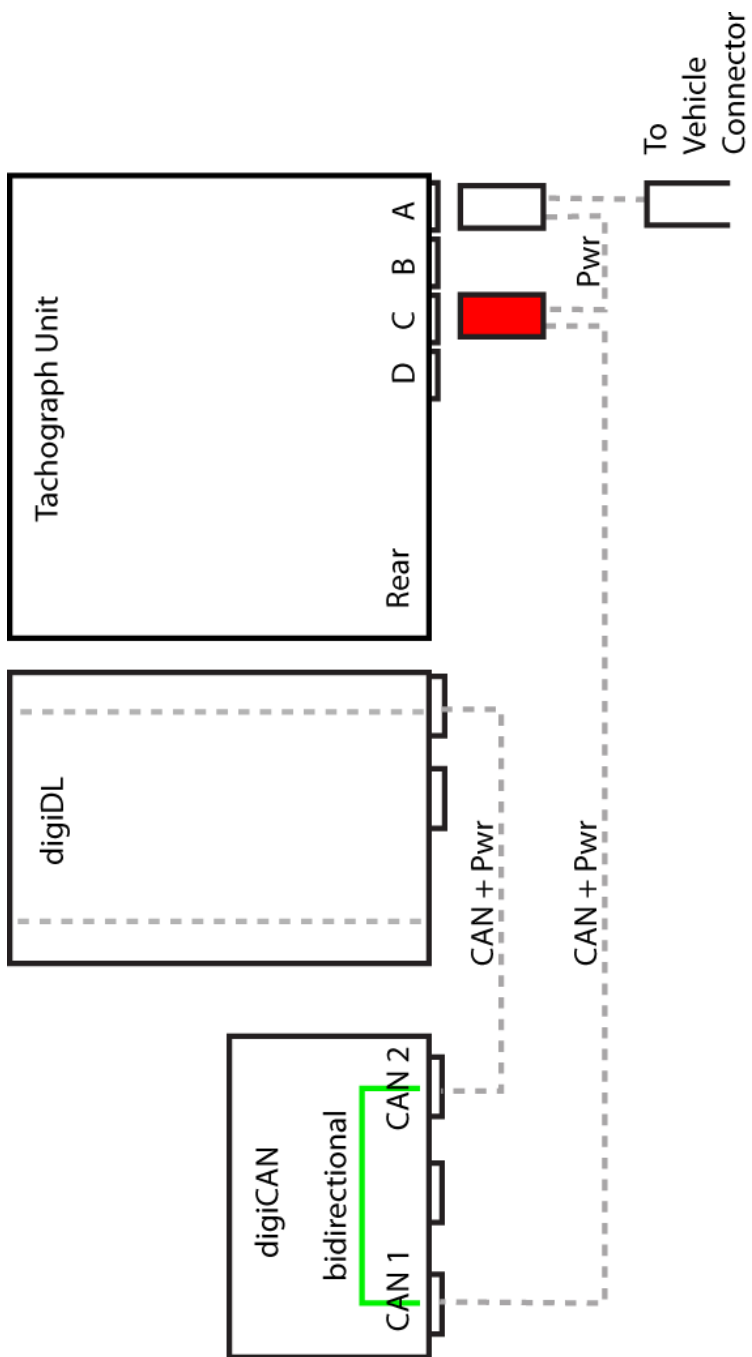
LED	Status
Green Flashing	Download has been requested. Waiting to begin
Green/Red alternating	Download is in progress
Green	Download was successful
Red	Download failed

Please Note:

The driver card is not available to download immediately after insertion. Please leave a few minutes before using the button to trigger a download.

The digiDL will need to have authenticated in order to download the driver card. Please allow enough time with the ignition on in order for the digiDL to authenticate and complete any outstanding tasks from digiCentral.

We recommend using the button to download the driver card at the end of the shift, before turning off the ignition.



Troubleshooting

digicAN red or green lights do not come on:

Disconnect the cables between the digicAN and the tachograph and ensure that they are seated correctly, then reconnect. If the green light still does not light, ensure that your Tachograph is capable of utilising the C Can Bus.

Which CAN Bus should I use for the digiDL?:

The two CAN Bus on the digicAN are bidirectional (interchangeable).

Powering the digicAN

Make sure that the digicAN and digiDL are powered simultaneously otherwise the digicAN will switch into a singular mode and will not communicate with the digiDL even though it is connected.



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