

Falcon Tachograph Connections

Squarell 6630-31

This requires two extra connections to the Squarell. On the opposite end to the main connector are 2 4 way connectors, these connectors are identical and require the terminator (a small sealed black plug) fitting to one and a download lead connected to the other.

Squarell Flex 12

The main wiring loom for the Flex12 includes the Blue and White wire.

Connections

The blue, white and orange leads must be run to the rear of the tachograph. Do Not shorten the blue and white lead as it has a built in CAN termination.

The Blue and White lead is connected to the C connector (red plug in the picture below),
The connections that need to be made are:

C5 – White Wire (CAN High)

C7 – Blue Wire (CAN Low)

The Orange lead is connected to the D connectors

D8 – Orange Wire

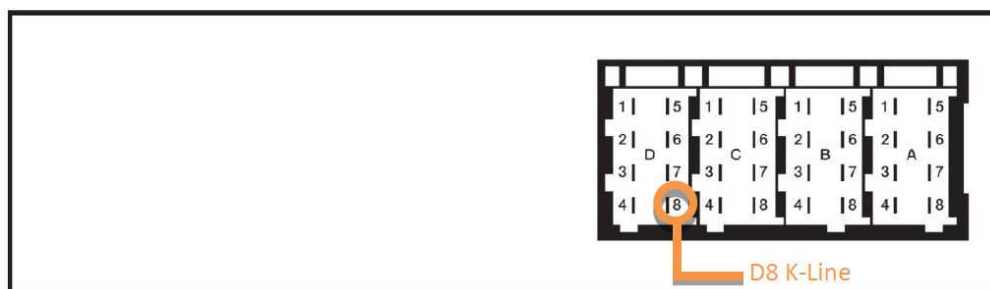
3.4.2 Connect to a Digital Tachograph

To connect the K-Line Diode to the back of the digital tachograph you need to connect the orange wire of the 8612-CQ cable to pin D8 which can be found on the back of the digital tachograph.

The digital tachograph can be found above the driver seat.



The back of the digital Tachograph looks like below. In the picture below pin D8 is marked.



Important Notes

If the C connector already has wiring fitted when connecting the Squarell Flex 12 unit the Blue loop at the Flex multi-way plug need cutting and the termination at the end of the Blue and White wire need removing.

- **DigiDL wiring**
- Can be connected in parallel with Falcon Wiring
- C5 – Red Wire (CAN High)
- C7 – Yellow Wire (CAN Low)
- **Mercedes Wiring**
- In Mercedes remove the Mercedes Red C plug and only connect the Squarell (and/or DigiDL wiring to the tachograph)