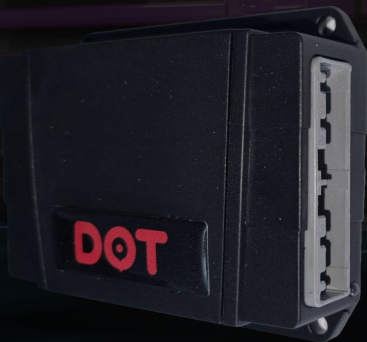




# DOT TRACKING

## DOT Advanced Telematics CAN Install Supplement



# DOT Advanced Telematics CAN Install Supplement Version 2.0 (Solid)

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## Overview

**This installation guide is used in conjunction with the Tachomaster DOT Installation guide available from this link**

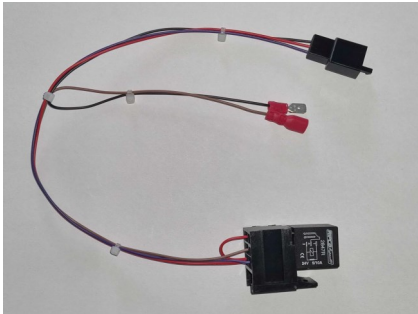
<https://kb.roadtech.co.uk/user/pages/images/pdf/Tachomaster-DOT-Install-Guide.pdf>

Once you have completed the DOT installation please use this guide to install the DOT Advanced Telematics device. Once complete this will collect additional CAN statistical data which can be reviewed in the Falcon Tracking analytics module.

# Additional Parts Required to install

## Looms and Cables

CAN Analytic Module Loom



CAN Analytic Power Loom

Cat5e lead



# Additional Parts Required to install

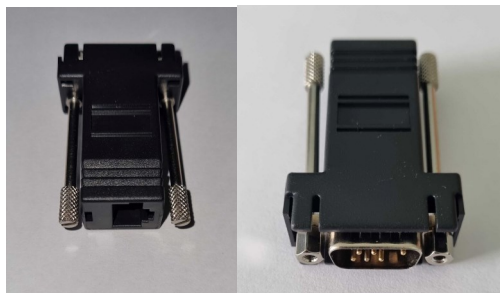
## Hardware

CAN Power Relay



CAN Analytic Module

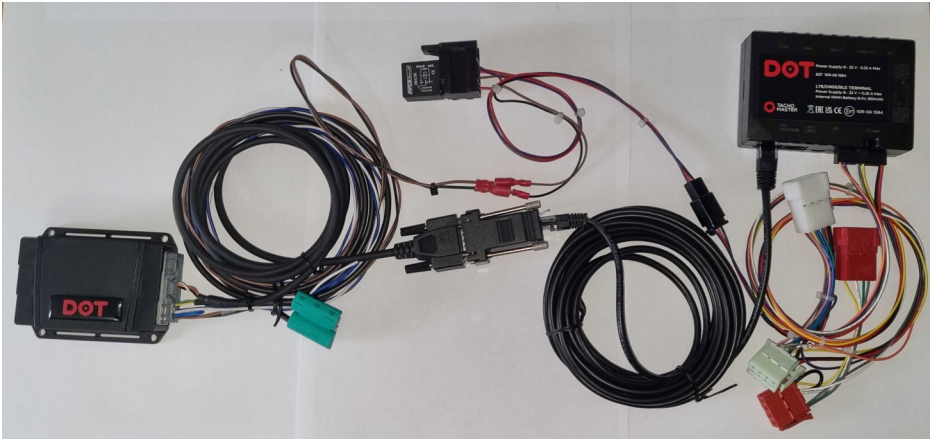
RS 232 adapter



(you will only have one of these but the images show both ends of the same device)

# DOT Analytics Installation Instructions

## Fitting Information



Prepare the CAN Analytic Loom.

The White and Blue cables can be shortened to 15 to 20 cm and insulated, unless a Trailer Tag Transceiver is being fitted.

The Brown and Black cables will need to be extended as necessary to connect to the “CAN Analytic Power Loom” .

## Connecting the CAN CliQ

The CAN Analytic Loom Green CliQ will need connecting as per the fitting instructions available for your specific vehicle at

<https://www.falcontracking.co.uk/install/help> \* (you will need a valid DOT Tracking login, please ask your DOT Tracking administrator to supply this) (\*the Falcon brand is being replaced by DOT Tracking)



These instructions will also indicate if any additional CliQ cables are required (Please contact Road Tech if this is indicated).

## Connecting the CAN Analytic Loom to the Can Analytic Module



The Multi plug on the CAN Analytic Loom then needs to be connected the CAN Analytic Module.

The RS232 (9pin) connector then needs to be connected to the “RS232 adapter”. This connection needs to be secure.

## Connecting the CAN Module to the DOT

This loom along with the Brown and Black wires need to be routed to the location of the DOT unit (usually located near to the Tachograph, if fitted).



## Connecting the Cat5e to the DOT

The CAT-5 cable needs to be connected to the DOT on port 1 (This is the port closest to the outside edge of the DOT).



## The 12 volt or 24 volt relay



Next check that the CAN Power Relay is the correct voltage for the vehicle system voltage, most LGV's and HGV's are 24v, with smaller vans and cars being 12v.

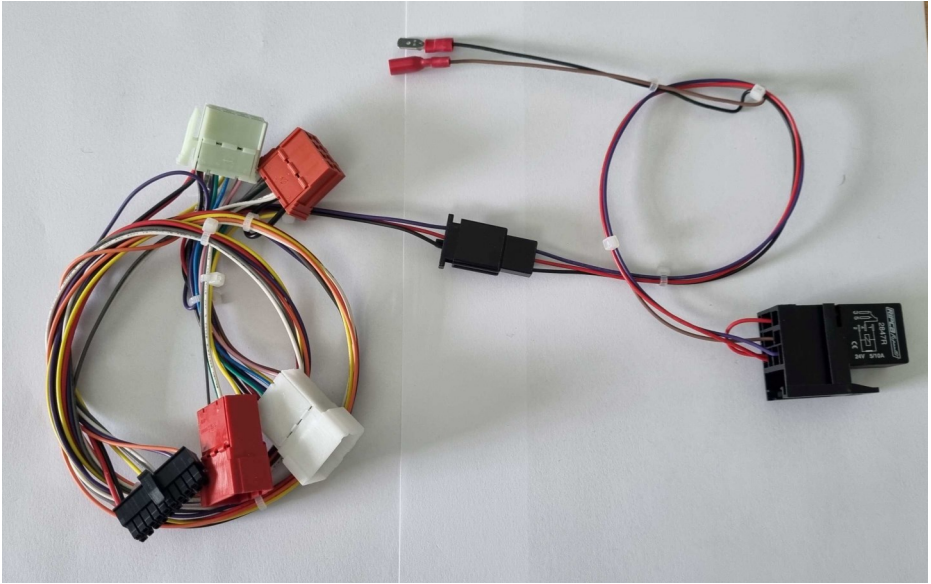
## Connecting the relay to the CAN Analytic Loom

Once the Relay voltage has been checked, check the relay is fully located in the holder, then connect the Brown wire to the Brown from the CAN Analytic Loom, and the Black wire to the Black from the CAN Analytic Loom, Correct connection of these 2 wires is essential.





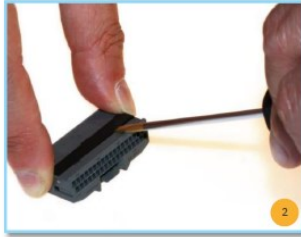
## Connecting the relay to the DOT loom



Now connect the 3 pin connector on the CAN Analytic Power Loom to the connector on the DOT main Loom. The DOT can now be powered up by connecting it to the 20 way Power connector on the main loom as per the DOT installation instructions.

After a few minutes the LED on the CAN module should light, either Green or flashing Red/Green.

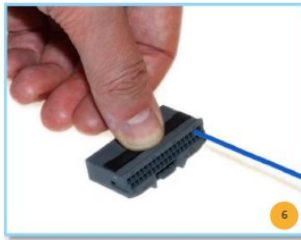
# Adding a Second CliQ where installation document requires



Make sure the 36way grey connector is unplugged and the power disconnected from the DOT unit.



Release the black lock bar (see Pic)



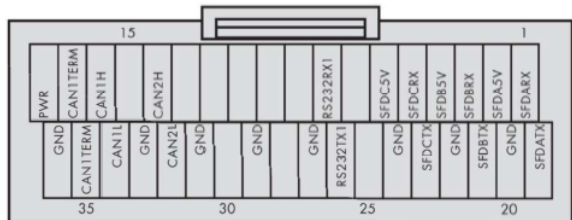
Then carefully insert the 4 wires into the connector

Pin 1 - White

Pin 2 - Red

Pin 19 - Blue

Pin 20 - Black



Press the lock bar back down and then re connect the grey connector and finally reconnect the power to the DOT.



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