




FITTING INSTRUCTIONS – TACHOGRAPH

TACHOGRAPH KIT PART NUMBER:	13810512
VEHICLE MANUFACTURER:	Ford
MODEL:	Ranger
TRANSMISSION:	Manual
YEAR:	2016 on
ENGINE:	Diesel
VOLTAGE:	12v
V9-31-07-2018	
	<p><i>Whilst every effort is made to ensure the accuracy of the information given herein, Continental Automotive Trading UK Ltd cannot be held responsible for any errors or omissions. Ultimately, the installer must ensure compliance with the specific vehicle repair procedures laid down by the vehicle manufacturer; particularly with regard to battery disconnection/reconnection procedures. Failure to comply with the vehicle manufacturer's instructions may result in personal injury and/or component damage/memory loss.</i></p>

As from 1st October 2012 According to Regulation (EU) No 1266/2009 (Annex1b) it is a legal requirement that an independent motion signal is connected to an activated DTCO, Therefore you must use a Geoloc A2C59514979-R* for this installation and set the tachograph to CAN2 Geoloc

*Not included in the kit

The DTCO can be mounted between the driver and passenger



In this case you will need to install the TCO warning light.

Mounting LED Light:

As needed a warning light can additionally be installed. It can be placed in the centre console. Please consult the installation space with your customers.



TCO Warning light

FITTING INSTRUCTIONS

Remove blanking plug that is found on gearbox and install the 2171-20002301 that is supplied in the kit



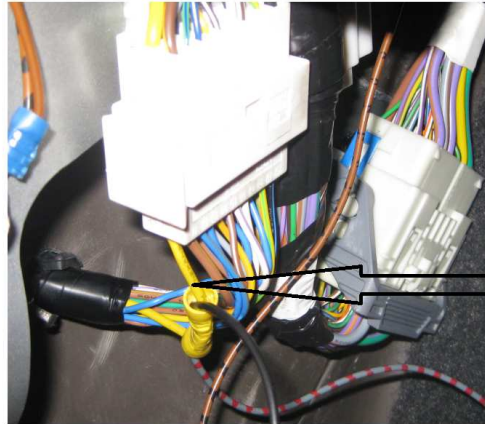
Blanking Plug

Connecting IMS (independent motion signal):

For the connection of the independent motion signal the Geoloc is mounted. This can be mount below the middle tray on the dashboard.



Important: the ignition feed must not be taken from this plug, the ignition feed can be found behind the plastic cover in passenger foot well



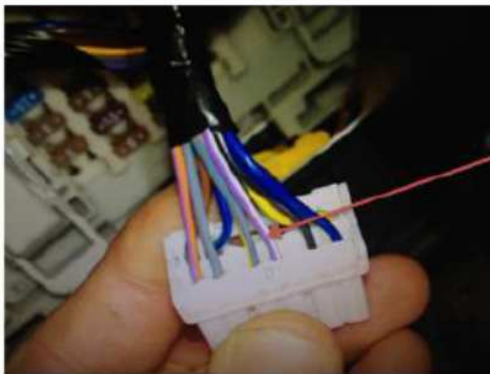
Ignition feed can be found on the thick yellow wire in the white plug

Or it can be found on the mirror control switch

Ignition connection:

The ignition must have no leading and trailing times otherwise, there may be an IMS Error DTCCO. This prerequisite can be found on the switch for the mirror adjustment. The cable color for the ignition is white and purple.

OE Plug for sidemirror control



White-purple is ignition without delay



FITTING INSTRUCTIONS – TACHOGRAPH

Fitting Kit 13810512 consists of:-

QUANTITY	PART DESCRIPTION	PART NUMBER
1	PLUG & HARNESS	1318-90100000
1	SENDER UNIT	2171-20002315
1	SENDER CABLE	21700421
1	DTCO MOUNTING SLEEVE	1324-90010005
1	DTCO REAR SEALING COVER	A2C1207140028
1	TCO WARNING LIGHT	A2C59511755
1	DTCO REAR SEALING COVER SCREW	A2C1474650028
1	3.0 DTCO OPERATING INSTRUCTIONS	A2C1387330029

Also required.

A2C1648490020 12/24v 3.0 Universal DTDCO*

A2C59514979-R Geoloc*

*Not included in kit