


TACHOGRAPH KIT PART NUMBER:	13810501
VEHICLE MANUFACTURER:	Fiat/Citroen/Peugeot
MODEL:	Ducato/Relay/Boxer
TRANSMISSION:	Manual RWD
YEAR:	2005 on
ENGINE:	Diesel 2.0JTD 2.3 JTD16v 2.8 JTD 2.2Hdi 2.8 Hdi,2.0 Hdi 2.3 Hdi16v 2.8 Hdi
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 for this digital installation a DTCO Geoloc is required part number A2C59514979-R*

*Not included in the kit

FITTING INSTRUCTIONS

Remove original speed sensor and with the Fiat/Citroen/Peugeot parts install the KITAS sender unit

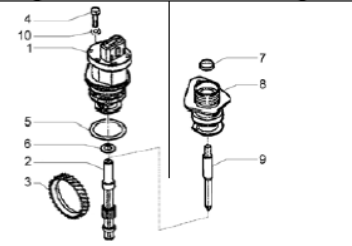
The following parts must be purchased from Fiat / Peugeot for the sensor adaptation

*** These parts are not included in the kit**

Original Sensor Mounting Kit

Position	Peugeot	Citroen Number	Description
7		26 51 04	Gasket
8		26 41 52	Bearing
9		26 41 53	Cam

Original Sensor Mounting Kit

	Position	Fiat Part Number	Description
	2	9643559780	Gear wheel
	7	9750254580	Gasket
	8	1400181080	Bearing
	9	1328624080	Cam

Installation of KITAS



The original sensor must be completely removed and must be replaced by the parts listed in the table for the installation of KITAS.

Control of the Instrument Cluster



The signal cable from the original sensor PIN (3) is to be connected to the speed signal output of the DTCCO PIN (B 6).



FITTING INSTRUCTIONS – TACHOGRAPH

There is a vehicle - specific console Available from Fiat/Citroen/Peugeot, please see parts below

Vehicle-specific Console

	Position	Fiat Part Number	Description
	1	735397509	Case
	2	46558583	Screw
	3	60588997	Bracket
4	735305812	Plug	

Vehicle-specific Console

	Position	Peugeot Part Number	Description
	1	82 26 49	Console
	2	69 22 73	Screw
3	8216 LA	Bracket	

Vehicle-specific Console

	Position	Citroen Part Number	Description
	1	82 26 49	Console
	2	69 12 H0	Screw
3	69 43 85	Screw nut	

Installation of Geoloc

Installation instructions:

In order to prevent GPS sensitivity issues, the module needs to be installed in a position where the module has a clear view to the sky and satellites.

1. When installing the Geoloc module in a vehicle, make sure that there are as few obstructions as possible close to the unit since it has an internal GPS antenna. Any obstruction might block the 360 view to the horizon that is required for good operation. Ideally, nothing should block the antenna beyond 5 degrees above the horizon with the best location being on the windscreen.
2. The GPS receiver antenna (Patch-Antenna) is located underneath the type data plate. Therefore the data plate (antenna side of the module) should face upwards towards the sky (see image below).



Please Note: The Geoloc is equipped with a 120 Ohm Can Resistor. The CAN wiring to CAN1 or CAN2 must take this into account!



FITTING INSTRUCTIONS – TACHOGRAPH

GeoLoc to CAN2 of DTCO® 1381 Release 2.0a Plug Connections:

Cable Colour	Description	DTCO® Pin Connection
White	Ignition	A3
Black	Ground	A5
Red	Supply (9-36V)	A1

Geoloc - CTC II Programming

The source for the 2nd motion signal can be set in the path
PROGRAMMING/INSTALLATION DATA/IMS SIGNAL/SOURCE.

The following setting is for CAN2:

- CAN2 GEOLOG (external source e.g. GPS)

Fitting Kit 13810501 consists of:-

QUANTITY	PART DESCRIPTION	PART NUMBER
1	PLUG & HARNESS	1318-90100000
1	SENDER UNIT	2171-010000010
1	SENDER CABLE	21700421
1	DTCO MOUNTING SLEEVE	1324-90010500
1	DTCO REAR SEALING COVER	A2C1207140028
1	DTCO REAR SEALING COVER SCREW	A2C1474650028
1	DTCO OPERATING INSTRUCTIONS	A2C1387330029

Also required.

A2C1648490020 12/24v 3.0 Universal DTCO*

A2C59514979-R Geoloc*

* Not included in kit