


TACHOGRAPH KIT PART NUMBER:	13810502
VEHICLE MANUFACTURER:	Ford
MODEL:	Transit
TRANSMISSION:	Manual ,RWD, 6 speed New 2014 Ford transit
YEAR:	May 2006 Onwards
ENGINE:	2.4Ltr. Diesel
VOLTAGE:	12v
V13-31-07-2018	
	<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 kit

For the New 2014 Ford Transit the second speed signal can be taken from the OBD plug (see below) so a Geoloc is not required, and the tachograph must be parameterised to Ford Transit new using a CTCII

FITTING INSTRUCTIONS for pre 2006 Vehicles – See note overleaf before commencing installation.

1. Remove the 18mm-blanking plug from the R/H side of the gearbox with an 8mm Allen Key, (please see fig 2)
2. Fit the KITAS Sender Unit (supplied) in place of the blanking plug and securely tighten.
3. Connect the Sender Unit Cable (supplied) to the KITAS Sender Unit and route the cable to the centre of the underside of the dashboard.
4. Remove the 2 screws retaining the Centre Cover on top of the dashboard and lift the Centre Cover off (see fig. 1)
5. Lift out the left-hand electrical compartment tray on top of the

Fig 1

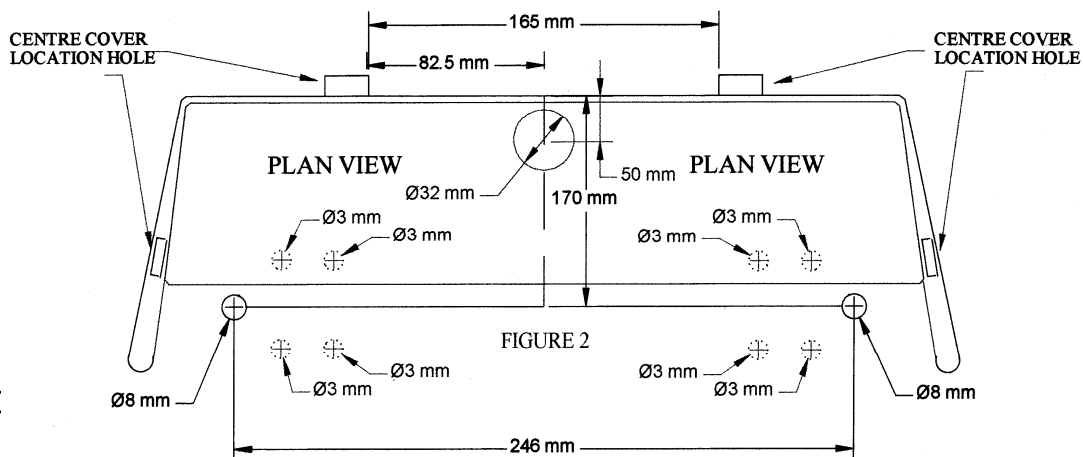




FITTING INSTRUCTIONS – TACHOGRAPH

dashboard to gauge available
depth behind dashboard BEFORE drilling any
holes.

6. Mark out and drill the 2 x 8mm dowel holes from the template shown in figure 1 and the 32mm hole for the wiring and grommet
7. Check the fit of the Bezel and Cover before drilling the 4 x 3mm Bezel retaining screw holes and securing the Bezel.
8. Wire-up the Plug and Harness (supplied) and route this and the Sender Unit cable through the 32mm hole to the tachograph location and fit the grommet (supplied) in the hole.
9. hole to the tachograph location and fit the grommet (supplied) in the hole.
10. Insert the Installation Trim in the right-hand hole in the bezel and bend back the securing tabs..
11. Route the cables through the right-hand hole in the Ford Bezel assembly (supplied) and insert both plugs in the tachograph.
12. Fit the Plug and Harness Sealing Cover to the tachograph and insert an embossed Red Seal.
13. Assemble and secure the tachograph in the Bezel and secure the new Cover with the Ford fixings/covers (supplied). See fig. 3
14. Complete the sealing and calibration procedures and return the 18mm Blanking Plug and original Dashboard Cover to the customer for refitting at a later date if required.



FITC

Order the following (RHD) parts from your **FORD** dealer.

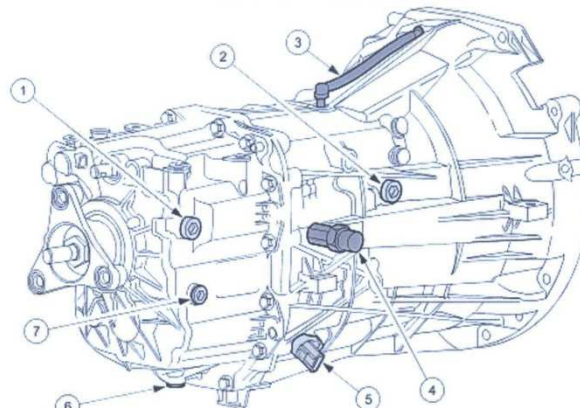
Ford Parts for vehicles up to 2005

QTY	DESCRIPTION	FORD PART #
1	Bezel	4111359
1	Cover	4125383
1	Blanking Plate	1012907
3	Screw Cover	4048128

Ford Parts for new shape Transit 2006 >

QTY	DESCRIPTION	FORD PART #
1	Bezel	144 82 51
1	Cover	1374014
2	Screw Clip	404 61 14
2	Plug	143 10 90

MT82 - Side view



→VSS (5) is standard , → Tachograph (4) is optional. →NOTE:
Remove the locating bolts (1+2) when disassembling the
transmission only



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!

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 INSTRUCTIONS – TACHOGRAPH

For The new Ford Transit 2014

Parts required to support aftermarket fitting of a Digital Tachograph

Prefix	Base	Suffix	Name
Mounting Parts			
BK21	V519K22	A*	Bracket Roof Console
BK21	V045B34	A*	Bracket Console Mounting Tachograph
4CIT	18923	A*	Bracket Radio Receiver
Fixings			
-	W525107	S437	Rivet 4x required
-	W712703	S900	Clip
-	W502660	S437	Screw

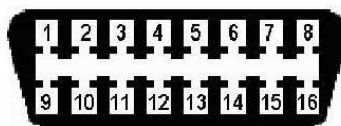


The connection for the second speed signal can be taken from the OBD plug. A soldered connection is preferable

A4 from DTCCO to pin 3 of the OBD

A8 from DTCCO to pin 11 of the OBD

Using the CTCII set the tachograph to Ford Transit New and the IMS to CAN1 axle speed



OBD Connector



FITTING INSTRUCTIONS – TACHOGRAPH

FITTING KIT 13810502 CONSISTS OF:-

QUANTITY	PART DESCRIPTION	PART NUMBER
1	SENDER UNIT	2171-20302415
1	SENDER CABLE	21700432
1	PLUG AND HARNESS	1318-90100000
1	INSTALLATION TRIM	1324-90010500
1	DTCO REAR SEALING COVER	A2C1207140028
1	DTCO REAR SEALING COVER SCREW	A2C1474650028
1	DTCO OPREATING INSTRUCTIONS	A2C1387330029

Also required.

A2C1648500020 12/24v 3.0 Universal DTCO*

A2C59514979-R Geoloc* (up to 2014)

* Not included in kit