




FITTING INSTRUCTIONS – TACHOGRAPH

TACHOGRAPH KIT PART NUMBER:	13810513
VEHICLE MANUFACTURER:	Isuzu - Mitsubishi -Kia
MODEL:	Rodeo – L200- Sorento
TRANSMISSION:	Manual and Automatic
YEAR:	2006 on
ENGINE:	Diesel
VOLTAGE:	12v
V10-31-07-2018	
	<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

FITTING INSTRUCTIONS

Remove original speed sensor and replace with 2171-01000010 using the 1040-1200-011-03 drive connector supplied, tape back the original sensor cable and install 21700432 KITAS sender cable.



Drill 2mm hole for
sealing the sender
unit to the gearbox

Connect the frequency stabiliser.

The instrument cluster will be driven via B6 of the digital Tachograph through a frequency stabiliser connect the frequency stabiliser using the following instructions

When connecting to the frequency stabiliser please use pin connections on the box and not on the plug.

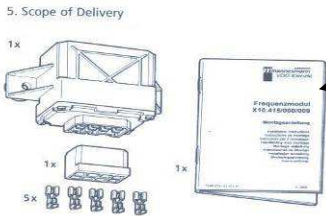
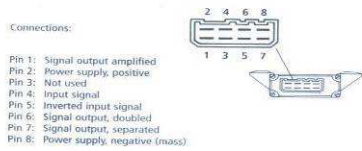
Pin 2 +12v

Pin 4 connect to B6 of the Tachograph

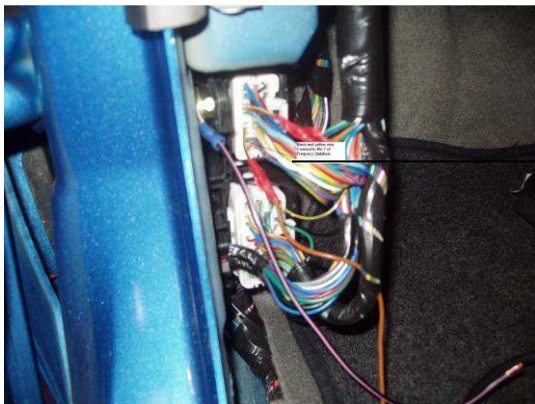
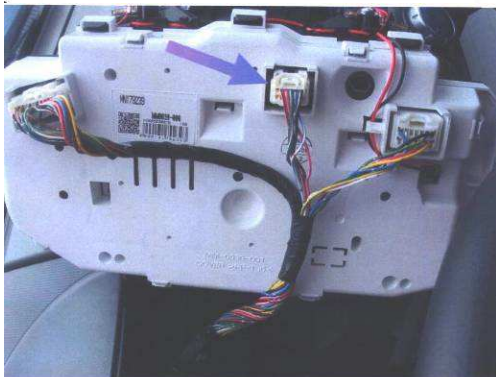
Pin 7 connect to the black and yellow wire found on the white plug at pin 26 and for the Mitsubishi connect to the white and blue wire on the passenger side foot well see picture below or behind the instrument panel, white 12 pin connector (middle one) position 2 white/blue. For the Kia Sorento connect to black/blue wire at the gearbox

Pin 8 Negative

Mitsubishi Instrument Panel



Instruction manual supplied with kit



For the Isuzu use Pin 26 black and yellow wire and for the Mitsubishi connect to the white and blue wire

DTCO Installation Mitsubishi L 200



The DTCO is installed with the help of the installation console X39-140-000-011 underneath the radio compartment.

The DTCO can be installed using the double din panel that can be obtained from Isuzu



Isuzu Part Number

8-97396250-0

DTCO Installation in the Second Radio Compartment



Installation Location For Kia

Extra work is necessary in order to fit the DTCO in the second radio compartment.

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 13810513 consists of:-

QUANTITY	PART DESCRIPTION	PART NUMBER
1	PLUG & HARNESS	1318-90100000
1	SENDER UNIT	2171-01000010
1	SENDER CABLE	21700432
1	DRIVE CONNECTOR	1040-1200-011-03
1	FREQUENCY STABILISER	X10.415/000/009
1	DTCO MOUNTING SLEEVE	1324-90010500
1	DTCO REAR SEALING COVER	A2C1207140028
1	DTCO REAR SEALING COVER SCREW	A2C1474650028
1	DTCO WARNING LIGHT	A2C59511755
1	3.0 DTCO OPERATING INSTRUCTIONS	A2C1387330029

Also required.

A2c1648490020 12/24v 3.0 Universal DTCO*

A2C59514979-R Geoloc*

* Not included in kit