DIGITAL APPLICATION SHEET 6800-415

VEHICLE MANUFACTURER	ALEXANDER DENNIS
MODEL	Enviro 500
YEAR OF MANUFACTURE	2006 — 2012
ENGINE TYPE	Cummins
TRANSMISSION	ALL
VOLTAGE	24V

STONERIDGE DIGITAL KIT FOR THIS VEHICLE: 7800-132

PARTS LIST	QUANTITY	STONERIDGE PART NO.
SE5000 TACHOGRAPH	1	5002KRM
TACHOGRAPH MOUNTING POD	1	6350-025
SENDER	1	9954-253
SENDER CABLE	1	7754-625
SHROUD SEALING KIT	1	7800-006
INSTALLATION KIT	1	7450-330
DRIVER QUICKGUIDE	1	102022P/01
HINO 300 TACHOMOTION KIT	1	7800-235
APPLICATION SHEET	1	6800-415

ADDITIONAL VEHICLE MANUFACTURERS PARTS REQUIRED

Ensure that 2nd Source of motion is set to C3 Enabled and C3 Speed Factor is set correctly within Sensor Test within MKIII Programmer on the Optimo.

Workshop Technical Support
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Fax +44 (0) 1382 866 401
Email workshop.support@stoneridge.com

Sales Office
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Whilst we have endeavoured to ensure the accuracy of the information supplied, Stoneridge Electronics cannot be held responsible for any errors or omissions. It is the installer's responsibility to ensure compliance with specific vehicle manufacturers repair procedures, especially with regard to the procedure for disconnection/reconnection of the battery. Failure to comply with the vehicle manufacturers instructions may result in personal injury and/or component damage/data

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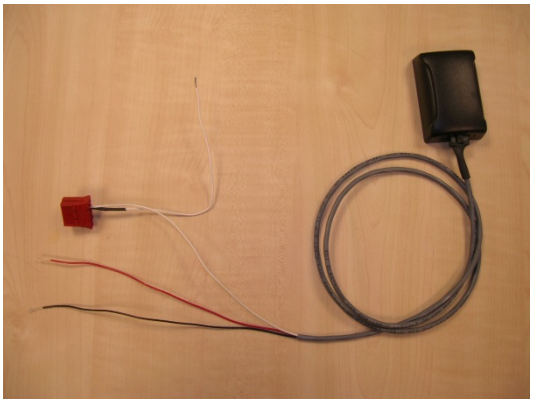
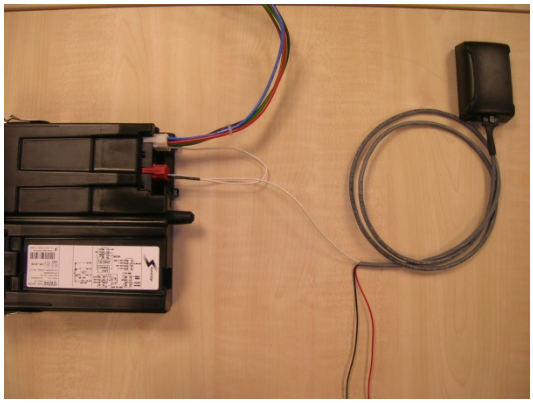
FITTING INFORMATION

Sender is located on the left hand side on the bell house casing at the prop shaft (looking from underneath). A 17mm socket is required to remove the blanking plug.





1. Connect the RED wire from the GPS Tachomotion kit to 12V ONLY. The 12V supply can be taken from the 12V Auxiliary Supply.

2. Connect the BLACK wire from the GPS Tachomotion kit to GND. The GND can also be taken from the Auxiliary Supply.

3. Connect the free WHITE wire from the Red C Plug (Position C3) to the wire located in position A3 on the White A plug that connects to the tachograph.

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PROGRAMMING PARAMETERS FOR FITTING THIS VEHICLE WITH AN SE5000 KRM SERIES TACHOGRAPH

Note. Read the parameters of the tachograph to be replaced, and note all connections to the tachograph, paying particular attention to Vpulse, dual axle configuration, D8 serial data, Revs input etc.
The below vehicle settings are the default vehicle settings which should be applied. However, individual vehicle specifications may vary.
Default setting for D6 outputs that can be switched between ISO & Open collector (o/c) is ISO.
The vehicle must be calibrated in an approved manner after fitting.
The road speed limiter must be calibrated after a replacement tachograph is fitted.
The illumination of the KRM series tachograph can be changed between White & Green, please select the colour best suited to the vehicle illumination.

If you are in doubt regarding the replacement of any tachograph with a KRM series product please call: Workshop Support on 0870 887 9200 option2, option1. or email workshop.support@stoneridge.com

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TACHOGRAPH	CANBUS	CAN TYPE	CAN TERMINATION	ILLUMINATION	REVS INPUT	SPEED LIMITER SETTING	D6
5002KRM	OFF	00	ON	OFF	C3	90km/H	N/A

READ ALL DATA LOG			
PARAMETER	**VALUE/SETTING**	**PARAMETER**	**VALUE/SETTING**
W-FACTOR		Def. KEY ON/OFF	
K-FACTOR		RPM FACTOR	
L-FACTOR		D4 PIN FUNCTION	
TYRE SIZE		D5 PIN FUNCTION	
VIN		D6 PIN FUNCTION	
VRN		D7 PIN FUNCTION	
VEH. REG. NATION		SERIAL DATA OUT (D8)	
PREF. LANGUAGE		C1 PIN FUNCTION	
CURRENT TIME		FILTER PIN B3	
CURRENT DATE		CAN TRIP RESET	
INSTALL DATE		CAN WAKE UP	
ACTIVATION TIME	READ ONLY. –DATE FORMAT / UNACTIVATED	RD CAN CONFIG	
SERVICE DELAY		ADD. EVENT REC.	
ODOMETER		ENG. SPEED REC.	
O/P SHAFT FACTOR		VRESD	
SPEEDO OP FACTOR		VEH. SPEED REC.	
RESET HEARTBEAT		VRVSD	
LOW SPEED LIMIT		PRE-OVERSPEED	
BACKLIGHT SELECT		PRE-NEXT CALIBRATION	
ILLUMINATION LEVEL		WARRANTY TIME	
ILLUMINATION OFF		LOW POWER BAND	

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