

Digital Application Sheet



VEHICLE MANUFACTURER	ISUZU
MODEL	NKR
YEAR OF MANUFACTURE	2005—
ENGINE TYPE	DIESEL
TRANSMISSION	ALL
VOLTAGE	24V



STONERIDGE DIGITAL KIT FOR THIS VEHICLE: 7800-066

PARTS LIST	QUANTITY	STONERIDGE PART NO.
SE5000 TACHOGRAPH	1	
HINO 300 TACHOMOTION KIT	1	
SENDER	1	
SENDER CABLE	1	
SHROUD SEALING KIT	1	
DRIVER QUICKGUIDE	1	102022P/01
INSTALLATION KIT	1	
APPLICATION SHEET	1	6800-322

ADDITIONAL VEHICLE MANUFACTURERS PARTS REQUIRED	VEHICLE MANUFACTURERS PART NO.
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.	
MULTIPART / ISUZU PARTS.	
PULSE CONVERTER. (CONVERTS 8-PULSE TO 25 PULSE.)	898009472
HARNES. (LINK BETWEEN TACHOGRAPH & VEHICLE ELECTRICAL SYSTEM)	898034981

FITTING INFORMATION



Remove centre cluster & glove box.

Locate the two plugs marked with blue tape behind the centre cluster. The left hand blue taped plug is the connector for the pulse converter. Mount the pulse converter unit to the points provided. Thread the single end of the harness No.898034981 through the tachograph slot towards the glove box for connection. Complete connections and calibrate the tachograph.

Workshop Technical Support

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Fax +44 (0) 1382 866 401

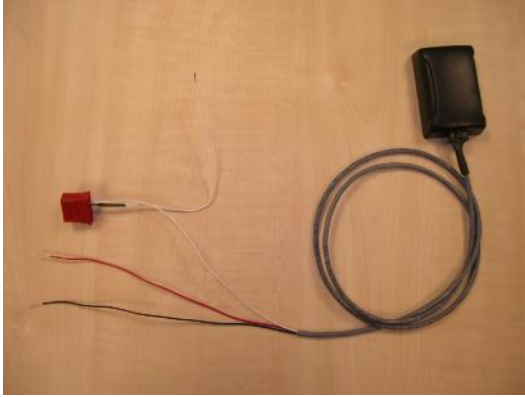
Sales Office

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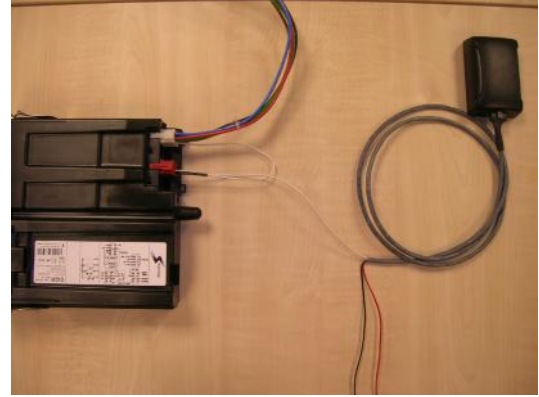
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Whilst we have endeavoured to ensure the accuracy of the information supplied, Stoneridge Electronics cannot be held responsible for any errors or omissions. It is the installer's responsibility to ensure compliance with specific vehicle manufacturers 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 loss.



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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SE5000 Programming Sheet



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:-

TACHOGRAPH	CANBUS	CAN	CAN	ILLUMINATION	REVS INPUT	SPEED LIMITER	D6
5011KRM	N/A	N/A	N/A	A2	C3	90km/H	ISO

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	
TIME OFFSET		CAN WAKE UP	
NEXT CALIB.DATE		RD CAN CONFIG	
INSTALL DATE		ADD. EVENT REC.	
ACTIVATION TIME	READ ONLY. -DATE FORMAT / UNACTIVATED	ENG. SPEED REC.	
SERVICE DELAY		VRESD	
ODOMETER		VEH. SPEED REC.	
O/P SHAFT FACTOR		VRVSD	
SPEEDO OP FACTOR		PRE-OVERSPEED	
RESET HEARTBEAT		PRE-NEXT CALIBRATION	
LOW SPEED LIMIT		WARRANTY TIME	
BACKLIGHT SELECT		LOW POWER BAND	
ILLUMINATION LEVEL		ECONOMY POWER BAND	
ILLUMINATION OFF		POOR ECONOMY	

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