Digital Application Sheet

VEHICLE MANUFACTURER	FORD
MODEL	RANGER
YEAR OF MANUFACTURE	2006 to 2007
ENGINE TYPE	TRANSIT
TRANSMISSION	TRANSIT. 5-SPEED
VOLTAGE	12V

STONERIDGE DIGITAL KIT FOR THIS VEHICLE: 7800-052

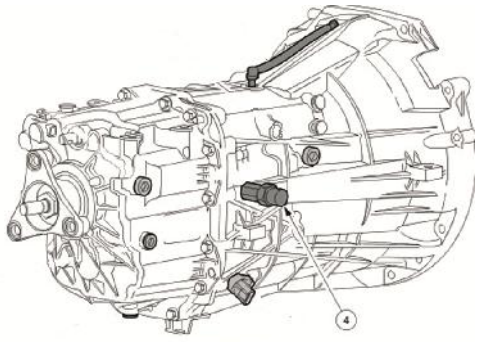
PARTS LIST	QUANTITY	STONERIDGE PART NO.
SE5000 TACHOGRAPH	1	
TACHO MOTION GPS	1	
SENDER	1	
SENDER CABLE	1	
SHROUD SEALING KIT	1	
DRIVER QUICKGUIDE	1	102022P/01
INSTALLATION KIT	1	
APPLICATION SHEET	1	6800-302
ADDITIONAL VEHICLE MANUFACTURERS PARTS REQUIRED		
FORD POD FOR MOUNTING TO TOP OF DASH. (FOUR PARTS)		4111359
		1012907
		4125383
		4048128

A KRM series SE5000 programmed using the SE5000 Configuration System can also be used in this vehicle.

To configure the SE5000 KRM using the SE5000CS, select the Ranger 2007-ON icon within the Ford manufacturer type.

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.

FITTING INFORMATION



MT82-SIDE VIEW

TO THE LEFT IS A DIAGRAM SHOWING THE POSITION TO FIT THE SENDER UNIT.

THIS VEHICLE IS FITTED WITH THE TRANSIT ENGINE & 5-SPEED G/BOX.

CHECK GEARBOX FOR CORRECT SENDER LENGTH

SENDER 9954-250 L=19.8mm WITH 1.2mm WASHER

Workshop Technical Support

Tel +44 (0) 1382 866 400 (choose opt.2. opt.1)

Fax +44 (0) 1382 866 401

Email workshop.support@stoneridge.com

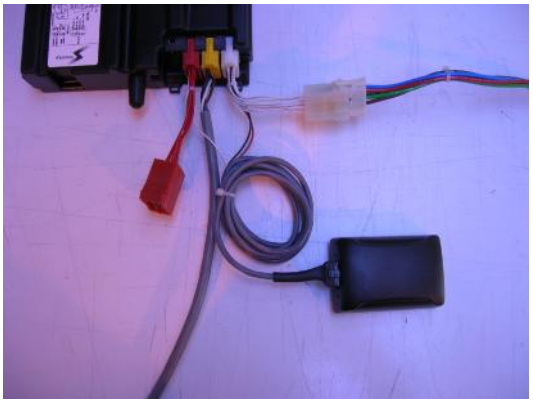
Sales Office

Tel +44 (0) 1382 866 400 (choose opt.1)

Fax +44 (0) 1382 866 401

Email sales@stoneridge.com

Digital Application Sheet



1. The 2nd Source of motion is obtained by using the GPS Module and cable harness as shown.

2. The cable harness is connected directly inline with the tachograph power cable when connecting to the tachograph as shown.

3. The GPS Module should be placed in a suitable area within the cab, preferably in an area next to the windscreen.

Workshop Technical Support

Tel +44 (0) 1382 866 400 (choose opt.2. opt.1)

Fax +44 (0) 1382 866 401

Sales Office

Tel +44 (0) 1382 866 400 (choose opt.1)

Fax +44 (0) 1382 866 401

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
5002KRM	OFF	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	

Workshop Technical Support

Tel +44 (0)1382 866 400 (choose opt.2. opt.1)

Fax +44 (0) 1382 866 401

Sales Office

Tel +44 (0)1382 866 400 (choose opt.1)

Fax +44 (0) 1382 866 401