

Digital Application Sheet



Mercedes-Benz

VEHICLE MANUFACTURER	MERCEDES
MODEL	SPRINTER LHD
YEAR OF MANUFACTURE	ALL
ENGINE TYPE	ALL
TRANSMISSION	MANUAL
VOLTAGE	12V



STONERIDGE DIGITAL KIT FOR THIS VEHICLE: 7800-089

PARTS LIST	QUANTITY	STONERIDGE PART NO.
SE5000 TACHOGRAPH	1	
A KRM series SE5000 programmed using the SE5000 Configuration System can also be used in this vehicle.		
SENDER & CABLE ASSEMBLY	1	
SENDER CABLE		
SHROUD SEALING KIT	1	
DRIVER QUICKGUIDE	1	
INSTALLATION KIT	1	
APPLICATION SHEET	1	6800348

ADDITIONAL VEHICLE MANUFACTURERS PARTS REQUIRED	VEHICLE MANUFACTURERS PART NO.

FITTING INFORMATION



AN ADDITIONAL LINK WIRE IS REQUIRED BETWEEN CONNECTIONS A5 & A6 ON THE VU TO ACHIEVE CORRECT CANBUS OUTPUT.

THIS SPRINTER REQUIRES A 1:1 TYPE SENDER.

THE FOLLOWING SENDER & CABLE ASSEMBLY PART No. 9954-224 MAY BE USED FOR THIS SPRINTER MODEL.

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

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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.

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:-
Workshop Support on 0870 887 9200 option2, option1. or email workshop.support@stoneridge.com

TACHOGRAPH	CANBUS	CAN	CAN TERMINATION	ILLUMINATION	REVS INPUT	SPEED LIMITER SETTING	D6
5002KRM	ON	1	NO TERM	CAN	CAN	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		VRES D	
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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