

Digital Application Sheet

VEHICLE MANUFACTURER	VOLVO
MODEL	FH/FM
YEAR OF MANUFACTURE	2005 — ON
ENGINE TYPE	DIESEL
TRANSMISSION	ALL
VOLTAGE	24V



STONERIDGE DIGITAL KIT FOR THIS VEHICLE: 7800-xx

PARTS LIST	QUANTITY	STONERIDGE PART NO.
INSTALLATION KIT	1	7450-330
SE5000 TACHOGRAPH	1	5011VCE
SENDER	1	9954-2XX
SENDER CABLE	1	7754-6XX
SHROUD SEALING KIT	1	7800-006
DRIVER QUICKGUIDE	1	102022P/01

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 ADR or NON-ADR 2005-ON icon within the VOLVO manufacturer type.

Ensure 2nd Source of motion is set to A CAN & C CAN and 2nd Source CAN message is set to Heavy within Sensor Test within MKIII Programmer on Optimo.

FITTING INFORMATION

THE LIST OPPOSITE CONTAINS THE SENDERS THAT MAY BE FITTED TO THESE VEHICLES.
THE LENGTH 'L' IS MEASURED FROM THE WASHER TOUCHES THE BODY OF THE SENDER TO THE TIP OF THE SENDER.

VOLVO SENDERS.

STONERIDGE PART No.

9954-261
9954-250
9954-252
9954-253

DESCRIPTION.

7/8 INTERNAL THREAD (8-PULSE TYPE)
L=19.8 WITH 1.2mm WASHER
L=25.0 WITH 1.2mm WASHER
L=35.0 WITH 1.2mm WASHER

SENDER CABLE LENGTHS AVAILABLE.

6 METRE (7754-606)	10 METRE (7754-610)	14 METRE (7754-614)
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Workshop Technical Support

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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:-

TACHOGRAPH	CANBUS	CAN	CAN	ILLUMINATION	REVS INPUT	SPEED LIMITER	D6
5011KRM	ON	0	TERM	CAN	CAN	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	
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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