

# Digital Application Sheet



VEHICLE MANUFACTURER	FIAT
MODEL	DUCATO MK3
YEAR OF MANUFACTURE	2002—2006
ENGINE TYPE	DIESEL
TRANSMISSION	ALL
VOLTAGE	12V



## STONERIDGE DIGITAL KIT FOR THIS VEHICLE: 7800-054

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	6800-315

ADDITIONAL VEHICLE MANUFACTURERS PARTS REQUIRED	VEHICLE MANUFACTURERS PART NO.
MOUNTING KIT CONSISTING OF:-	FIAT PART No.
GASKET	9750254580
BEARING	1400181080
CAM	1328624080

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

### FITTING INFORMATION



THE ORIGINAL SENDER MUST BE COMPLETELY REMOVED AND REPLACED WITH THE PARTS LISTED ABOVE.

THE SIGNAL CONNECTION FROM PIN 3 OF THE ORIGINAL SENDER MUST BE CONNECTED TO PIN B7 OF THE DIGITAL TACHOGRAPH.

#### Workshop Technical Support

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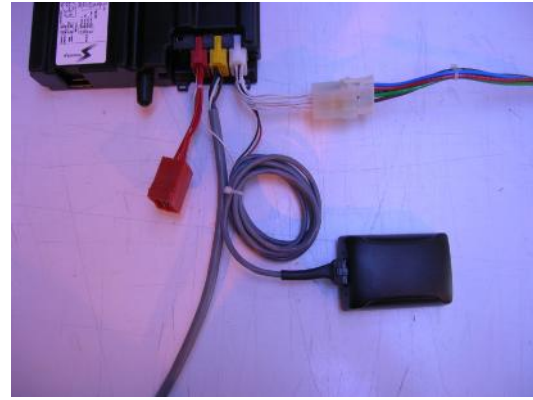
#### Sales Office

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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.



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.

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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
5002KRM	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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