

# Digital Application Sheet



VEHICLE MANUFACTURER	HINO
MODEL	300 Series
YEAR OF MANUFACTURE	2013—ON
ENGINE TYPE	Euro 5 CANbus
TRANSMISSION	Automatic
VOLTAGE	24V



## STONERIDGE DIGITAL KIT FOR THIS VEHICLE: 7800-146

PARTS LIST	QUANTITY	STONERIDGE PART NO.
SE5000 TACHOGRAPH	1	
TACHOGRAPH SLEEVE	1	
SENDER	1	
HINO CAN HARNESS	1	
SHROUD SEALING KIT	1	
SENDER ADAPTOR	1	
APPLICATION SHEET	1	6800427

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

The Tachograph White A Plug and Yellow B Plug can be found already pre-wired behind the money tray in the centre console.

To configure the SE5000 KRM using the SE5000CS, select the 300 Series Euro 5 2013-ON CANbus icon within the HINO 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



LEFT SHOWS ADAPTOR & SENDER.

THE D6 OUTPUT IS SET TO SPEEDOMETER OUTPUT & THE SPEEDOMETER OUTPUT FACTOR IS 7450.

#### Workshop Technical Support

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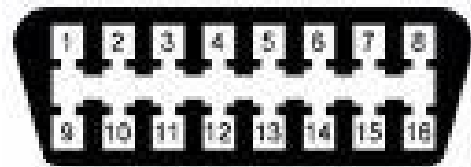
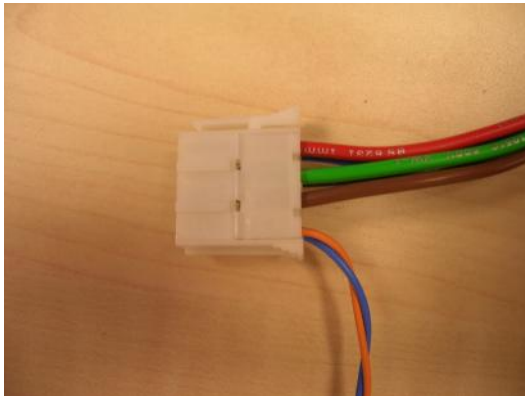


Whilst we have endeavoured to ensure the accuracy of the information supplied, Stoneridge Electronics cannot be held responsible for any errors or omissions. It is the installer's responsibility to ensure compliance with specific vehicle manufacturers repair procedures, especially with regard to the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

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1. Connect the ORANGE wire from HINO CAN Harness twisted pair into position A4 on the White tachograph A plug.
2. Connect the BLUE wire from HINO CAN Harness twisted pair into position A8 on the White tachograph A plug.
3. Connect the ORANGE wire from HINO CAN Harness twisted pair into position 6 on the rear of the Blue EOBD connector.
4. Connect the BLUE wire from HINO CAN Harness twisted pair into position 14 on the rear of the Blue EOBD .

## CAN bus

- Locate the EOBD Socket under steering wheel to the right hand side.
- Connector Pins 6 and 14
- CAN High —Pin 6
- CAN Low —Pin 14

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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	ENABLE	20ms	ENABLE	A2	C3	90km/H	O/C

### 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	SPEEDOMETER (50%)
VRN		D6 PIN	OPEN COLLECTOR
VEH. REG. NATION		2nd SOURCE OF MOTION	A CAN and C CAN
PREF. LANGUAGE		2nd SOURCE CAN MESSAGE	HEAVY VEHICLE
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	7450	PRE-OVERSPEED	
RESET HEARTBEAT		PRE-NEXT CALIBRATION	
LOW SPEED LIMIT		WARRANTY TIME	
BACKLIGHT SELECT	A2	LOW POWER BAND	
ILLUMINATION LEVEL	100	ECONOMY POWER BAND	
ILLUMINATION OFF	16	POOR ECONOMY	

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