

Digital Application Sheet

OPTARE

VEHICLE MANUFACTURER	OPTARE BUS
MODEL	COACHES
YEAR OF MANUFACTURE	2005—
ENGINE TYPE	DAIMLER DIESEL
TRANSMISSION	ALL
VOLTAGE	24V



STONERIDGE DIGITAL KIT FOR THIS VEHICLE: 7800-071

PARTS LIST	QUANTITY	STONERIDGE PART NO.
SE5000 TACHOGRAPH	1	
HINO 300 TACHOMOTION KIT	1	
SENDER	1	
SENDER CABLE	1	
SHROUD SEALING KIT	1	
DRIVER QUICKGUIDE	1	102022P/01
INSTALLATION KIT	1	
APPLICATION SHEET	1	6800-334

ADDITIONAL VEHICLE MANUFACTURERS PARTS REQUIRED	VEHICLE MANUFACTURERS PART NO.
Wiring schematic	Digital tachograph for Euro 3.
Gearbox bracket drawing.	Drawing No.R4600086

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 COACH 2005-ON icon within the OPTARE manufacturer type.

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



Modify the gearbox bracket as shown in drawing R4600086

Install new sender unit.

Run sender cable.

Prepare dash to fit tachograph.

WIRING.

Yellow plug of the new sender cable goes to the tach.

'Piggy back' off the white power plug of the dash loom to provide a white plug for the tach.

Connect a wire from tach B7 to Speedometer B3 as in the wiring diagram.

Workshop Technical Support

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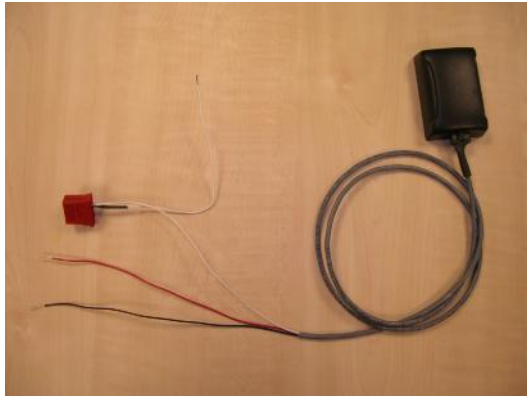
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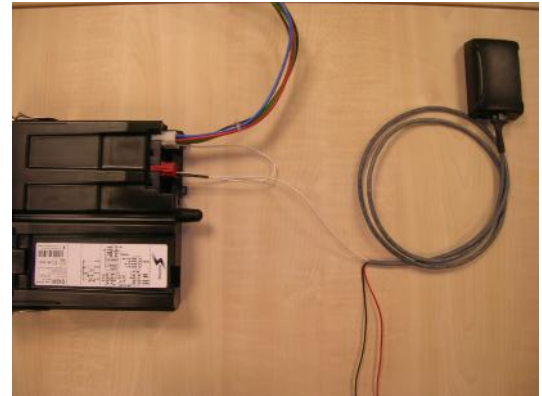
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1. Connect the RED wire from the GPS Tachomotion kit to **12V ONLY**. The 12V supply can be taken from the 12V Auxiliary Supply.
2. Connect the BLACK wire from the GPS Tachomotion kit to GND. The GND can also be taken from the Auxiliary Supply.



3. Connect the free WHITE wire from the Red C Plug (Position C3) to the wire located in position A3 on the White A plug that connects to the tachograph.

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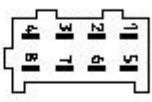
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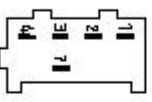


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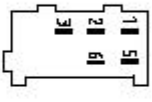
ACHOGRAPH
CONNECTOR A
WAY PLUG
50-23-9510
TERMINALS
25596-1



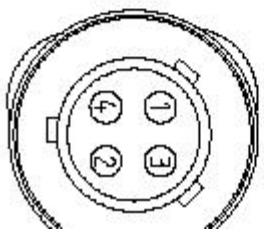
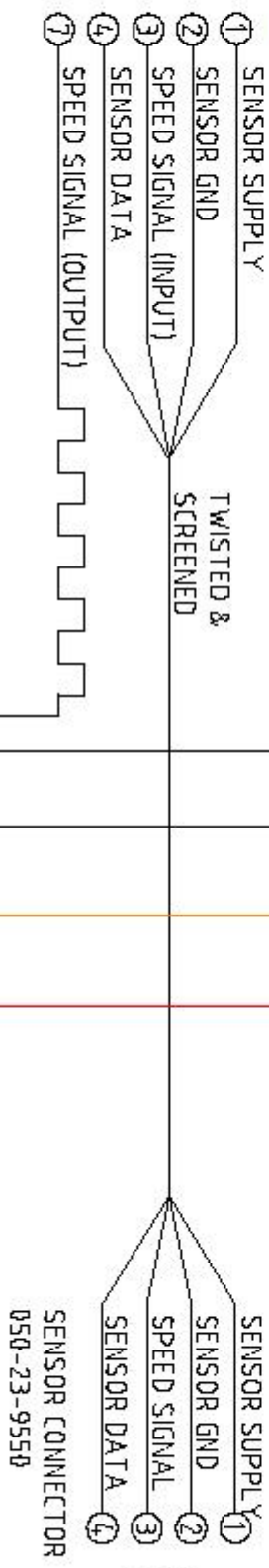
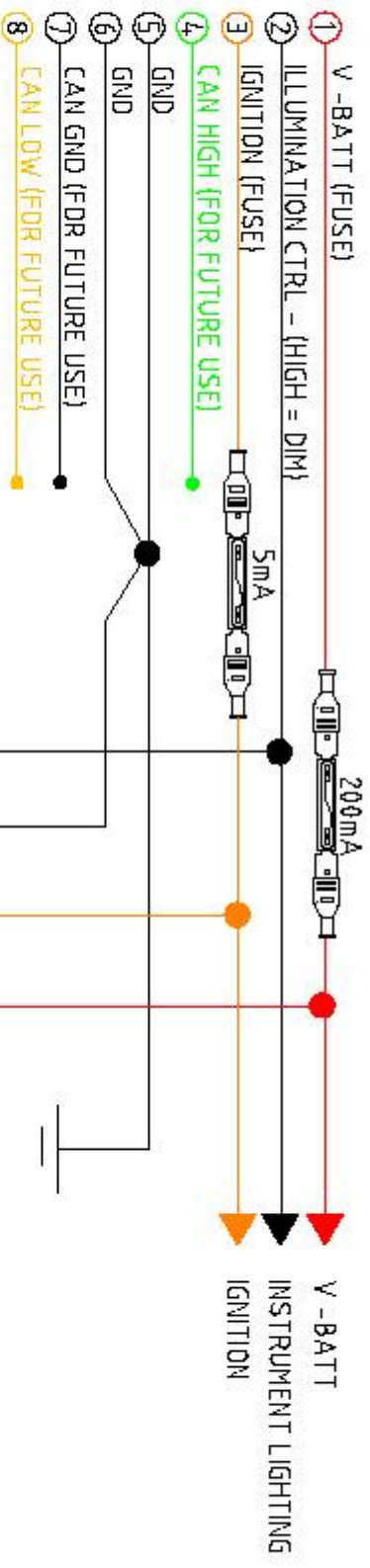
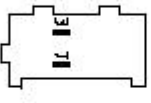
ACHOGRAPH
CONNECTOR B
WAY PLUG
50-23-9520
TERMINALS
25596-1



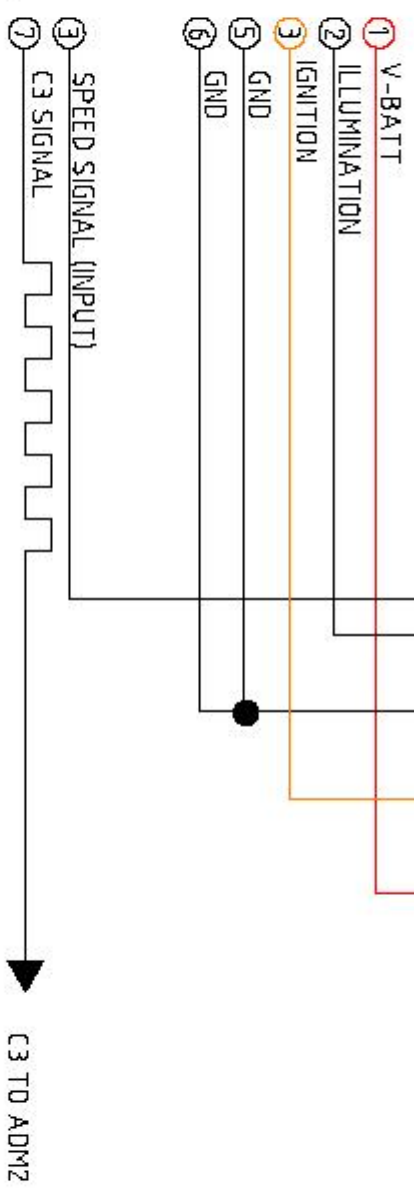
SPEEDOMETER
WHITE 8WAY PLUG
AMP PART NO
927365-1
TERMINALS
925596-1



SPEEDOMETER
YELLOW 8WAY PLUG
AMP PART NO
927366-1
TERMINALS
925596-1



SPEED SIGNAL
GENERATOR
(8 PULSES PER
REVOLUTION)



DP

06/02/06

SCALE

3RD ANGLE
PROJECTION

CONFIDENTIAL

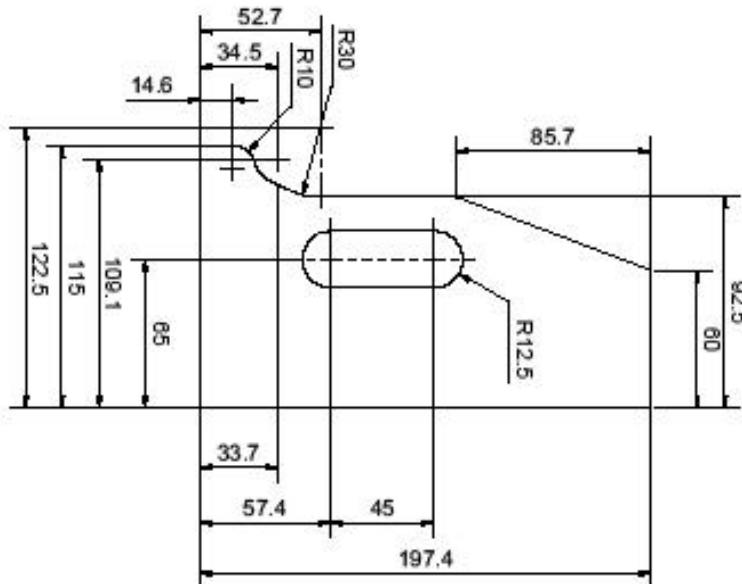
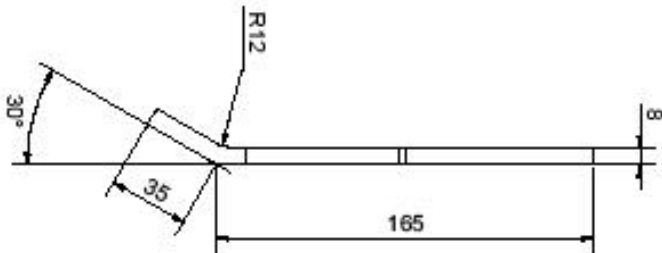
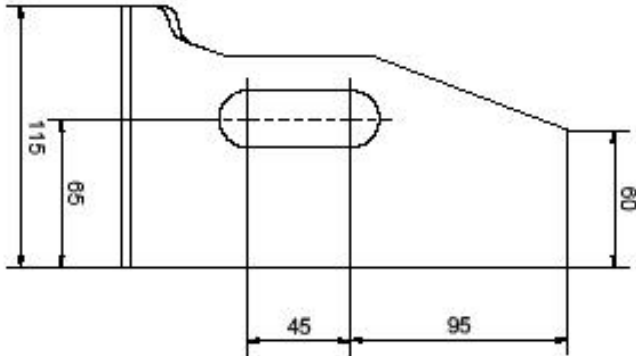
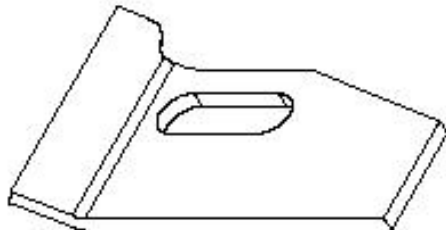
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UNLESS OTHERWISE STATED									
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120	315	1000	1500	3000	1200	D	A		
±0.5	±1.0	±1.5	±2.0	±2.5	±5	E			
±0.2	±0.5	±1.0	±1.25	±2.5	±5	F			
±0.1	±0.2	±0.5	±1.0	±1.25	±5	G			

TITLE:

DIGITAL TACHOGRAPH EURO 3

DR04WIKS.Hu.



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OPTARE

DRAWING NO.
R4600086

A3
1 OF 1