

# STONERIDGE DIGITAL KIT 7000-184



VEHICLE MANUFACTURER	LAND ROVER
MODEL	DEFENDER
YEAR OF MANUFACTURE	2006 ON
ENGINE TYPE	ALL
TRANSMISSION	4X4
VOLTAGE	12V



**THE CANBUS INTERFACE LISTED BELOW IS ADDITIONAL TO THE KIT AND IS ADDED ON A SALE OR RETURN BASIS.**

PARTS LIST	QUANTITY
M1N1 KIT	1
CANBUS INTERFACE <b>SALE OR RETURN</b>	1
MOUNTING TRAY	1
APPLICATION SHEET	1

## FITTING INFORMATION



IMAGE LEFT SHOWS SE5000 TACHOGRAPH INSTALLED IN THE RADIO SLOT AND THE RADIO MOVED AND FITTED IN A MOUNTING TRAY. T-LIGHT (NOT INCLUDED) MUST BE FITTED IF VU LOCATION IS IN A DVSA DESIGNATED AMBER AREA. SEE SPECIAL NOTICE SN 2-2014

SUITABLE POWER AND GROUND CONNECTIONS CAN BE FOUND AT THE VEHICLE BATTERY AND THE IGNITION FEED CAN BE TAKEN FROM SWITCHED FUSE IN THE FUSEBOX BELOW THE CENTRE CONSOLE. ENSURE THE CONNECTION TO SE5000 A1 +VE THROUGH 1 AMP FUSE.



SECOND SOURCE IMS USES GPS TACHO MOTION SUPPLIED IN THIS KIT, SETTING INSTRUCTIONS ARE ON PAGE 3 OF THIS SHEET.

LOCATE THE M1N1 IN THE BOXED AREA UNDER THE DRIVERS SEAT, ROUTE AND SECURE ALL CABLES THROUGH A SUITABLE BULKHEAD GROMMET TO THE TACHOGRAPH LOCATION POINT IN THE VEHICLE.

## Workshop Technical Support

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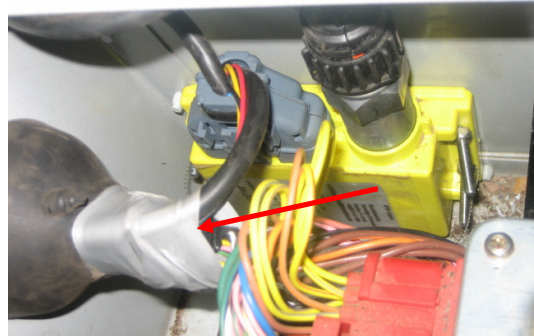


Whilst we have endeavoured to ensure the accuracy of the information supplied, Stoneridge Electronics cannot be held responsible for any errors or omissions. It is the installer's responsibility to ensure compliance with specific vehicle manufacturers repair procedures, especially with regard to the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

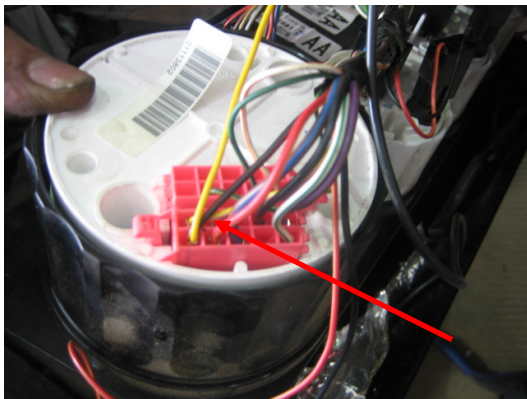
# DIGITAL APPLICATION SHEET



1. Locate the tachograph inside the radio slot on the centre console as shown. Ensure that a T-Light (not supplied in this kit) is fitted if the SE5000 is fitted in a DVSA designated Amber location. SEE DVSA SPECIAL NOTICE SN 2-2014

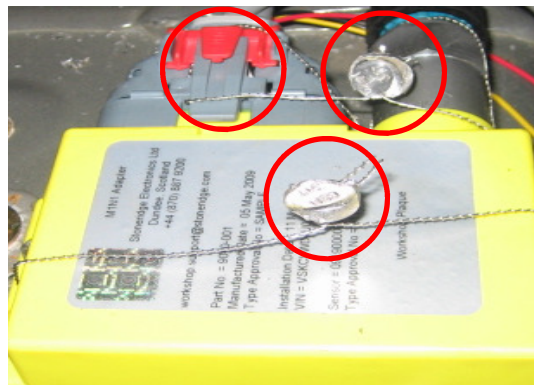


2. Secure the M1N1 with the 4 nuts and bolts provided in the kit. Feed all the harness wiring from the M1N1 through the shroud as shown. Route all cables and wires to the tachograph location point.



3. Connect the yellow wire from the M1N1 to the Black wire with a Red stripe on Pin 2 of the Pink connector behind the cluster as shown.

From 2015 onwards Black/Red speed pulse wire is found at the rear of the cluster at Pin 13.



4. After performing the Initial Calibration, seal the Connector and Sender to the Adaptor through the Red seal and seal the Adaptor to the chassis of vehicle as the M1N1 must be fixed to a non removable part of the vehicle.

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# DIGITAL APPLICATION SHEET



1. The 2nd Source of motion is obtained by using the GPS Module and cable harness, as show above.



2. The cable harness is connected directly in line with the tachograph power cable when connecting to the tachograph as shown.



3. The GPS Module should be placed in a suitable position within the vehicle, preferably in an area next to the windscreen.

C3-Factor	Minimum L	Maximum L
13	1563	1688
14	1688	1813
15	1813	1938
16	1938	2063
17	2063	2188
18	2188	2313
19	2313	2438
20	2438	2563
21	2563	2688
22	2688	2813
23	2813	2938
24	2938	3063
25	3063	3188
26	3188	3313
27	3313	3438
28	3438	3563

4. Set the IMS input to C3 enable in MKIII Programmer, Sensor Settings and set the Speed Factor to correct C3 Factor value using the L factor table above.

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