

STONERIDGE DIGITAL KIT 7800-077



VEHICLE MANUFACTURER	FORD
MODEL	RANGER
YEAR OF MANUFACTURE	2007-2012
ENGINE TYPE	ALL
TRANSMISSION	MAZDA 4X4
VOLTAGE	12V



PARTS LIST

QUANTITY

TACHOGRAPH	1
CD / TACHOGRAPH FACIA	1
SENSOR	1
SENSOR CABLE	1
TACHO MOTION KIT	1
INSTALLATION KIT	1
SIGNAL CONDITIONER	1
ADAPTOR KIT	1
CD/RADIO PLAYER	1
ISO HARNESS	1
APPLICATION SHEET	1

FITTING INFORMATION



IMAGE LEFT SHOWS NEW FACIA WITH RADIO AND SE5000 TACHOGRAPH INSTALLED.

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



LOCATE THE ORIGINAL GEARBOX SPEED SENSOR AND REPLACE WITH DRIVE ADAPTOR SUPPLIED. LEAVE ORIGINAL SENSOR PLUGGED IN AND SECURE WITH CABLE TIES.

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

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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. Fit the gear from the original sensor onto the Stoneridge Adaptor, ensuring new circlip is fitted. Secure the new drive adaptor into the gearbox using the security screw.



2. Take power and ground connections from vehicle battery and route to tachograph location, terminate permanent feed through 1 AMP fuse. Ignition feed can be located at fuse box.



3. Attach the signal conditioner between the Blue wire with Silver flashes behind the cluster and D6 pin of the tachograph. Set the SE5000 D6 output to Speedometer then set the Speedo OP factor to 4971 to drive the vehicle speedometer.



4. Locate the tachograph in new facia ensuring it can be removed from its enclosure with all cable connections attached. Connect the ISO harness to the existing wiring and install the CD Player into the vacant slot in the new facia.

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DIGITAL APPLICATION SHEET



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