



VEHICLE MANUFACTURER	FORD
MODEL	EXCURSION
YEAR OF MANUFACTURE	1999-2005
ENGINE TYPE	ALL
TRANSMISSION	ALL
VOLTAGE	12V



STONERIDGE DIGITAL KIT FOR THIS VEHICLE: 7800-118

PARTS LIST	QUANTITY	STONERIDGE PART NO.
SE5000 TACHOGRAPH	1	5002KRM
FLEX ADAPTOR	1	6963-215
18mm O RING	1	6963-216
SENDER	1	9954-256
SENDER CABLE	1	7754-610
SHROUD SEALING KIT	1	7800-006
DRIVER QUICKGUIDE	1	102022P/01
TACHOMOTION KIT	1	7800-225
SIGNAL CONDITIONER	1	7800-046
INSTALLATION KIT	1	7450-330
APPLICATION SHEET	1	6800-399

To configure the SE5000 KRM using the SE5000CS, select the Excursion 1999-2005 icon within the Ford manufacturer type.

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

Workshop Technical Support

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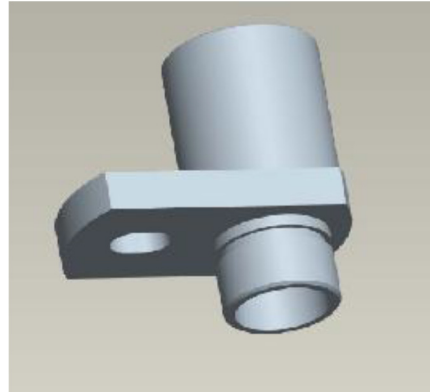
ADDITIONAL VEHICLE MANUFACTURERS PARTS REQUIRED

NONE

FITTING INFORMATION



KITAS 2 SENDER



STONERIDGE ADAPTOR



1. Locate the original Speed Sensor in the centre at the top of the rear diff above the prop



2. Disconnect cable by pulling backshaft. on the 2 locking tabs and remove the original sensor by unscrewing the securing bolt and levering upwards

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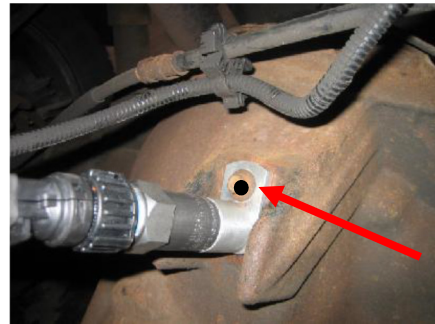
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3. Drill a hole to seal the sender to the Gearbox through the bolt using sealing wire.



4. Fit sender adaptor into the original speed sensor hole on the vehicle and secure with a drilled bolt.



5. Screw the sender onto the threaded adaptor and connect the sender cable.



6. Connect the original sensor to the plug Ensuring that it is secured out of the way to stop water ingress.



7. Connect the end of wire from the Signal Conditioner from D6 of the tachometer to the Red wire at the original sensor.



8. Run cables along the chassis inside flexible conduit following the other Cables ensuring it is cable tied regularly And away from the exhaust.

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9. The cables inside the flexible conduit can be run through grommets in the floor behind the passenger seat to get into the cab.
10. Remove the drinks holder in the centre console by unscrewing 3 bolts. Access the middle bolt by unclipping the small lower panel.

11. The tachograph Power, Sender and Signal conditioner wires can now be fed through the slot.
12. Secure the radio cage using the tabs on the cage and self tapping screws.
13. Pull the radio forward to allow access to The connections at the rear.



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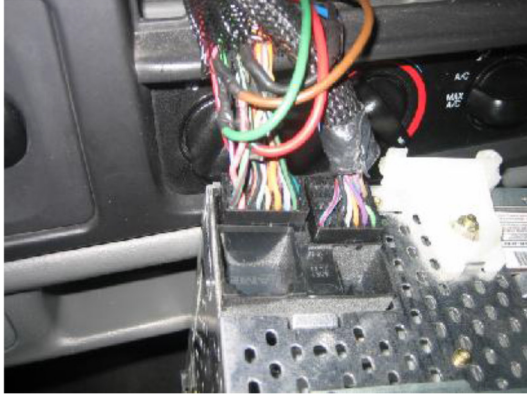
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14. Use the following connections to power the Tachograph.

+12V Permanent, green wire with purple stripe, goes to connector A1 of the tachometer through a 1 amp fuse.

+12V Ignition, Pink wire, goes to connector A3 of the tachometer.

Illumination, Light Blue wire with Violet stripe, goes to connector A2 of the tachometer.

GND, Black wire with Green stripe, goes to connector A5 & A6 of tachometer.



15. The tachograph can now be connected and installed.

16. The D6 pin function on the tachograph must be set to "Speedometer" using the MKII Programmer and the "Speedometer output factor" should be around 48000.

17. The second D6 pin function on the tachograph must be set to "ISO" using the MKII Programmer by scrolling further through the menu.

18. The Tachograph is now ready for calibration. The K factor should be around 12000

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19. The 2nd source of motion is obtained by using the GPS module and cable harness as shown.



20. The cable harness is connected directly inline with the tachograph power cable.

21. The GPS module should be placed in a suitable area within the cab. Preferably under the windscreen.

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