

**Model: 4WD System**

# Product Information Sheet

**Product Code: 4WDSFK**

Description: CouplerTec Electronic Rustproofing System with Two Capacitive Couplers



The 4WD System has been specifically designed to protect the Four Wheel Drive or SUV vehicle from rust, even when these vehicles are exposed to \*OCCASIONAL use within highly corrosive environments such as driving on salted roads or beaches. (\*1 day per month, alternatively, up to two weeks per year). This product is best suited to vehicles that are in reasonably good condition e.g. NO existing rust. (For older vehicles or vehicles with minor rust problems, use the larger 4WD Heavy Duty System or 4WD Extreme Heavy Duty System).

## PRODUCT BENEFITS

- Protects 100% of the vehicles metal surface, inside and out\*.
- Helps stop paint from oxidizing and keeps the paintwork looking like new.
- Removes static electricity from the vehicles surface.
- Systems are Transferable.
- Reduces maintenance costs associated with rust and corrosion.
- Will slow or stop existing corrosion.

\*Any metal component that is insulated from earth is not protected.

## KEY FEATURES

- Incorporates CouplerTec Capacitive Coupling Technology – The ONLY tried tested and proven technology to protect motor vehicles from rust and corrosion.
- Solid State Electronics – Offers an indefinite life span.
- Two Capacitive Couplers, each charged by their own dedicated circuit.
- The CouplerTec module incorporates a microprocessor that employs a process called ‘Monitored & Controlled Performance’ – This is where the microprocessor monitors and controls the performance of the system, ensuring that it is operating at the optimum level. The module confirms that it is working correctly by way of a Green flashing LED, giving you peace of mind that your vehicle is being protected. Conversely, the system will also indicate the detection of a fault by way of a Red flashing LED. The system will reset after the fault has been rectified.

Re-fit kit available - Allowing units to be transferred from one vehicle to another.



[couplertec.eu](http://couplertec.eu)

**COUPLERTEC™**  
ELECTRONIC RUSTPROOFING



Module	Solid state electronics Microprocessor monitored and controlled Self diagnostic
Technology	CouplerTec Capacitive Coupling
Voltage Requirement	12VDC
Minimum Voltage (Input)	11.5VDC
Maximum Voltage (Input)	15VDC
Power Draw	24mA ~ (Typical)
Number of Circuits	Two
Voltage Output Per Circuit (VP)	400V (Peak) and from 200V (RMS Typical)
Minimum Operating Frequency	200 kHz
Carrier Frequency	20 kHz
Capacitance	80 pF (Typical Average)
Maximum Operating Temperatures	-30 ~ +85 deg C (Ambient)
Module Dimensions	95mm x 72mm x 34mm (L x W x H)
Module Weight (including wiring)	335g
Number of Capacitive Coupler's	Two
Capacitive Coupler Size	80mm x 50mm (L x W)

### CouplerTec International Patents:

Patented in Australia: AU 2007236536,  
Patented in USA 12/295271,  
Patented in Canada 2642716,  
Pat Pend Europe 07718629,  
Pat Pend UAE 1021/2008,

### Certifications:

**Tested to Automotive Standard CISPR 25 EMC**

(Electromagnetic Compatibility) Approval N28214



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