This system has been specifically designed to protect motor cars (hatchbacks, sedans, wagons and small vans*) from rust. It will also dramatically reduce the effects of corrosion on those vehicles which are frequently exposed to use within highly corrosive environments such as driving on salted roads. In other words, it will extend the life of these vehicles. As good as this product is, it is not a miracle cure for badly rusted vehicles, as the more rust or corrosion a vehicle has, the harder it is to stop. (*For large Vans LWB use the larger 4WD 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.
- 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.
## Technical Specifications

**Model:** 2WD Heavy Duty System  
**Product Code:** 2WDHDSFK

### Module
- Solid state electronics
- Microprocessor monitored and controlled
- Self diagnostic

### Technology
- CouplerTec Capacitive Coupling

### Voltage Requirement
- **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)

### Carrier Frequency
- 200 kHz
- 20 kHz

### Capacitance
- 80 pF (Typical Average)

### Maximum Operating Temperatures
- -30 ~ +85 deg C (Ambient)

### Module Dimensions
- 80mm x 72mm x 34mm (L x W x H)

### Module Weight (including wiring)
- 300g

### 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,  
Patent Pending Europe 07718629,  
Patent Pending UAE 1021/2008,

**Certifications:**
Tested to Automotive Standard CISPR 25 EMC  
(Emo(tagnetic Compia)ticity) Approval N28214

© 2011 CouplerTec Electronic Rustproofing. All rights reserved. CouplerTec™, © and the CouplerTec logo are trademarks of CouplerTec Electronic Rustproofing. Because of our ongoing commitment to product quality and innovation, CouplerTec reserves the right at any time to discontinue or change specifications, price, design, features or models without incurring any obligation.