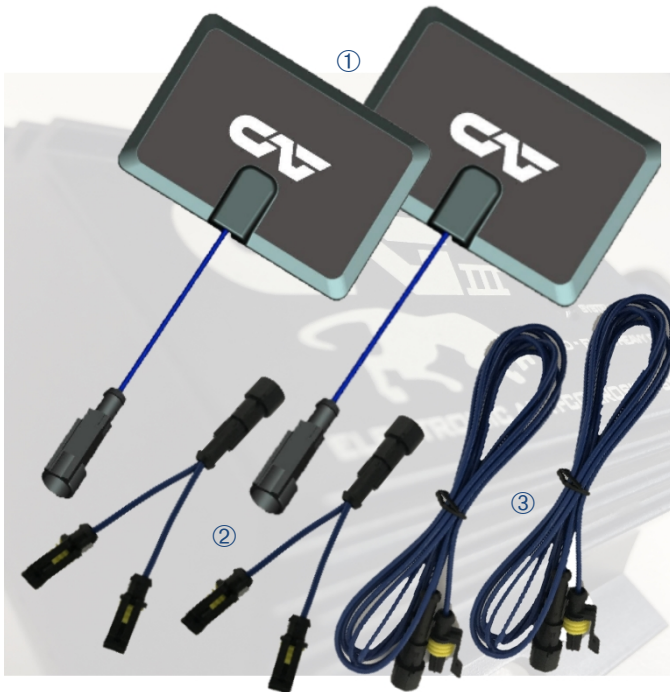


# 2 Pad Expansion Pack



## Electronic Anti-Corrosion Systems

### Package Contents



① Large Coupler Pads (x2)

② Pad Wiring Splitters (x2)

③ 2m Blue Extension Leads (x2)

Alcohol Swabs

Black Cable Ties

Installation Instructions

# Installation Instructions

## **INTRODUCTION:**

This expansion pack extends the operation of an existing CATIII installation by an additional 2 Coupler Pads.

The CATIII Main Module is a high powered pulse generator which is capable of supplying up to twelve (12) high-tech Coupler Pads. Expansion packs can be added at any time to increase the protection area or improve the performance of your CATIII installation.

Each new Coupler Pad needs to be wired back to an existing (operational coupler) where a connection is made using a "Pad Wiring Splitter". Remember the load on each circuit should be shared and therefore each circuit should have the same number of couplers. Refer to wiring diagram on last page.

**Important:** Disconnect power to the CAT Main Module by unplugging the Main Module or removing the inline fuse before commencing installation. *(Failure to do so is not dangerous in any way however the Main Module may show a fault status if the power is not disconnected during the installation process – the system can be reset by disconnecting the power at any time.)*

**Please read these instructions carefully  
prior to commencing installation.**

**Please feel free to contact us if you need any assistance.**

## **STEP 1: PRE-PLANNING – PLEASE READ:**

1. Remove all components from the package and extend all wiring.
  - a. Locate suitable mounting sites for each new Coupler Pad. (DO NOT mount new couplers yet !)
  - b. Please consider the following when selecting mounting sites for new couplers.....
    - i. The site should be predominantly flat and must be a painted metal surface.
    - ii. As a general rule, choose a site close to areas of most corrosion concern.
    - iii. Remember to ensure the blue extension leads supplied will reach to an existing coupler.

*(Multiple extension leads can be used if required or cutting and splicing additional cable is also permissible as long as a similar gauge multi-strand cable is used and all joints are soldered or crimped and well sealed.)*

- c. For Motor Vehicles - Some suggested mounting locations include.
    - i. inside the engine bay
    - ii. vertical surface of chassis rails or associated cross members
    - iii. under the floor pan or inside of the sill panels.
    - iv. inside rear cargo panels or inside the rear brake light recess
    - v. inside spare wheel well or on the underside of utility tray.
  - d. For Air Conditioners - Inside of the casing.
2. When the locations for each new Coupler Pad have been identified we recommend the following procedure to ensure all components will interconnect safely and efficiently.
- a. Unplug the existing (operational) Coupler Pad and install the "Pad Wiring Splitter". See wiring diagram on last page  
*(incorrect fitting is not possible because of the special plug configuration)*
  - b. Connect the 2m blue extension lead between the Pad Wiring Splitter and the new pad.
  - c. Repeat the above steps for each new Coupler Pad.
  - d. Plug together all components and loosely place each new pad into position.
  - e. Be sure to check that all wiring is clear of any moving parts and high temperature fittings.

## **NOW YOU'RE READY MOUNT EACH OF THE COMPONENTS**

### **STEP 2: FINAL MOUNTING AND CONNECTION**

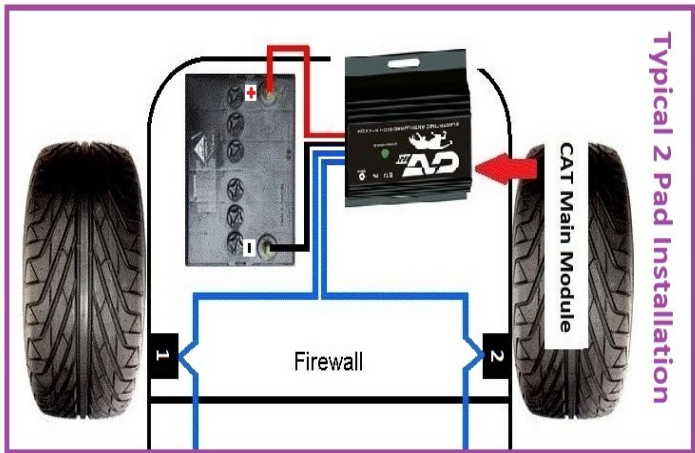
1. Mounting and Connecting the new **Coupler Pads**.
  - a. Clean the mounting area using prepsol, thinners or one of the alcohol wipes provided.
  - b. Remove the backing from the Coupler Pad adhesive and roll the pad into position from one edge so as to avoid any air bubbles. Press and rub firmly to ensure complete adhesion and to remove any trapped air bubbles.
  - c. Repeat for each new Coupler Pad.
  - d. Ensure all connections are clicked together securely. Fix all wiring and excess cable using cable ties provided. Be sure to keep wiring clear of any moving parts or high temperature fittings.
  - e. Restore power to the Main Module - The Green LED on the Control Module will shine solid when first connected then flash or show solid green indicating normal operation.

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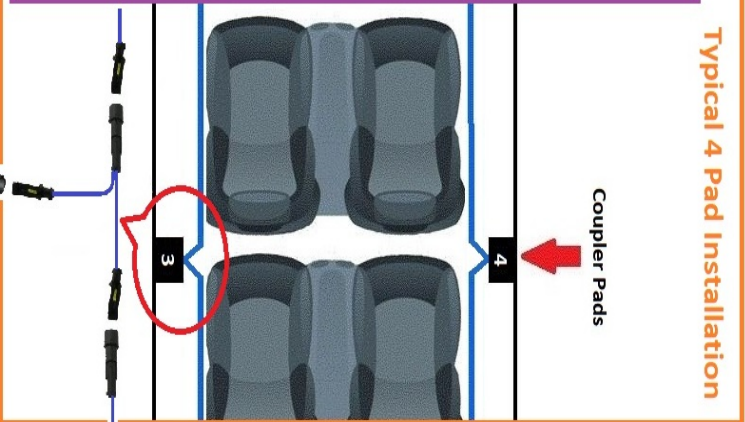
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Typical 2 Pad Installation



Typical 4 Pad Installation



Typical 6 Pad Installation

