



Installation Guide

For CATIII 2 Pad – Heavy Duty

Package Contents:	1 x CATIII Main Module	Alcohol Swabs
	2 x Large Coupler Pads	Black Cable Ties
	1 x Wiring Loom	Warranty and Instructions

Please read through these instructions before commencing installation.

INTRODUCTION:

The CAT Electronic Anti-Corrosion System is designed to aid in the inhibition of rust in motor vehicles, plant and machinery. The unit consists of a main module and 2 external high voltage coupler pads.

MAIN MODULE:

The Main Module can be connected to either a 12VDC and 24VDC battery or power source. The unit will automatically detect the input voltage and adjust its function and diagnostic accordingly.

INSTALLATION:

Installation will vary depending on vehicle/plant/machine type and size. Please choose the guide below that most closely fits your application. Please feel free to contact us if your application is not covered adequately in this guide or if you have any other questions or concerns.

FOR CARS, 4WD's, VANS

1. Find suitable flat painted surface inside the engine compartment and near the battery to mount the main module. (Boot mounting is also permissible if there is a suitable 12v/24v power supply) Clean the area using prepsol, thinners or one of the alcohol swaps provided.
2. Attach the Velcro strip provided to the rear of the module, remove the self adhesive backing then press the main module squarely and firmly onto the cleaned surface. The Velcro strip enables removal of the module if required. (Secure with an appropriate fastener were possible)
3. Plug the wire loom into the main module plug - ensure it is clicked in securely.
4. Select a convenient and predominantly flat "painted surface" for mounting your 2 coupler pads. Highly glossed paint should be dulled using a Scotchbrite pad or light sanding. Do not remove paint all together or apply pads to non painted surfaces.

Recommended mounting sites:-

- Option 1 (Recommended) - Both Pads inside the engine compartment. Pads should be spread out as much as possible on opposing sides of the engine bay or rear fire wall if necessary.
 - Option 2 - Place 1 pad inside the engine compartment as above and the other on a chassis rail below the engine compartment – Both pads can be mounted on the chassis (opposing sides of vehicle) if this is more convenient.
5. Clean the surface using prepsol or the alcohol swabs. Remove the backing from the coupler pad adhesive and mount in place, rolling the pad on 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.



VALIDATE YOUR PRODUCT GUARANTEE

To validate your guarantee please complete , detach and return this section to

CAT Systems Australia
27 Hargreaves Street, Belmont WA 6104
Tel: (08)6262 7703 Email : sales@catsystemsaustralia.com.au



6. Connect each coupler pad to the main module using the blue wires in the main wiring loom – ensure the single pin connectors are clicked in securely. Cutting and splicing additional cable to further extend the coupler pads is permissible as long as all joints are soldered and well sealed. Be sure to keep wiring clear of any moving parts or high temperature fittings.
7. Run the black lead from the wiring loom and connect to the (-) negative battery terminal. Now run the red lead from the wiring loom and connect to the (+) positive battery terminal. The Green LED on the main module will shine solid when first connected then flash or show solid indicating normal operation.
8. Ensure all connections are clicked in securely and fix all loose wiring using cable ties.

FOR TRUCKS, BUSES, PLANT AND MACHINERY

1. Find a suitable location clear of moving parts and high temperature fittings to mount the CAT control module. The module is completely sealed and can be mounted externally if required. On multi unit installations it is suggested the modules be grouped together where possible so their status lights can be easily seen.
2. Clean the area using prepsol, thinners or the alcohol swabs provided. Attach the Velcro strip provided to the rear of the module, remove the self adhesive backing then press the control module squarely and firmly onto the cleaned surface. The Velcro strip enables removal of the module if required. (Secure with an appropriate fastener were possible)
3. Plug the main wiring loom into the main module plug - ensure it is clicked in securely.
4. Select a convenient and predominantly flat "painted surface" for mounting your coupler pads. The pads should be spaced equally around the structure to be protected. Recommended mounting sites for trucks and buses include the cab body and chassis rails. Site selection for plant and machinery will vary but as a rule the areas of most corrosion concern should be selected. Highly glossed paint should be dulled using a Scotchbrite pad or light sanding. Do not remove paint all together or apply pads to non painted surfaces.
5. Clean the surface using prepsol, thinners or the alcohol swabs provided. Remove the backing from the coupler pad adhesive and mount in place, rolling the pad on 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. (For extra security a bead of black automotive Sikaflex can be hand applied around the edge of each pad.)
6. Connect each coupler pad to the main module using the blue wires in the main wiring loom – ensure the single pin connectors are clicked in securely. Cutting and splicing additional cable to further extend the coupler pads is permissible as long as all joints are soldered and well sealed. Be sure to keep wiring clear of any moving parts or high temperature fittings – enclose wiring in split or solid tubing where appropriate.
7. Run the black lead from the wiring loom and connect to the (-) negative terminal of your battery or power source. Now run the red lead from the wiring loom and connect to the (+) positive terminal of your battery or power source. The Green LED on the main module will shine solid when first connected then flash or show solid indicating normal operation. On multi unit installations the (+) positive red wires and the (-) negative black wires from each wiring loom can be commoned as long as each unit remains independently fused. Under no circumstances remove or interfere with the main 4 pin connector on the module or wiring loom.
8. Ensure all connections are clicked in securely and fix all loose wiring using cable ties.

TROUBLESHOOTING

LED Status	Diagnosis	Solution
No Light	Power not connected	Check power connection and fuse
Shines green for 3 seconds, then flashes red	Pad/s not mounted correctly	Re-connect or change the pad/s
Shines green for 3 seconds, then flashes yellow	Battery voltage or temperature too high or too low	Check the voltage or operating temperature
Shines red for 3 seconds, then flashes red	Possible internal fault	Consult your supplier

Operating Specifications:

Input Voltage: DC 12V/24V
 Operating Voltage: 9V-32V
 Operating Temperature: -30°C~85°C
 Low Voltage Cut-Out: 11.9V/23.9V
 High Voltage Cut-Out: 15.1V/28.1V



5 YEAR PRODUCT GUARANTEE

Supplier: CAT Systems Australia
 27 Hargreaves Street, Belmont Western Australia 6104
 Tel : (08) 62627703 Email : sales@catsystemsaustralia.com.au

Terms and Conditions

This CAT III product is guaranteed for 5 years from date of purchase against faults in manufacture or materials used, provided that it has been fitted in accordance with the standard installation instructions, that the serial number has not been defaced and that the guarantee registration form has been completed and returned within 30 days from the date of purchase.

This Guarantee does not apply to any defect, deterioration, loss, injury or damage caused by or as a result of the misuse or abuse of this product. Our obligation in the event of a valid claim is limited to repair or, at our discretion, replacement of the product. All claims under this guarantee should be made by taking the unit to an authorized dealer or contacting the supplier above within the guarantee period.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Date of Purchase: Vehicle Rego#:

Purchased from: Serial Number:

Name:

Address:

Vehicle or Plant-Make, Model or Type:

Rego or ID#.....Date of Purchase.....

Purchased from:

Serial Number:Signed:.....