



## E0020 Added PCB mount to Hetronic Transmitters

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| E0020 | Version 2 | Electrics | 22 August 2008 |
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The PCB coder board in the Hetronic remote transmitter can come loose over time due to vibration, being dropped, etc.

Symptoms of this problem are:

- the remote not working at all
- the remote working intermittently and maybe responding to being "hit"
- a left hand joystick error on the Smartlift LCD display
- joystick problems

### **Distribution:**

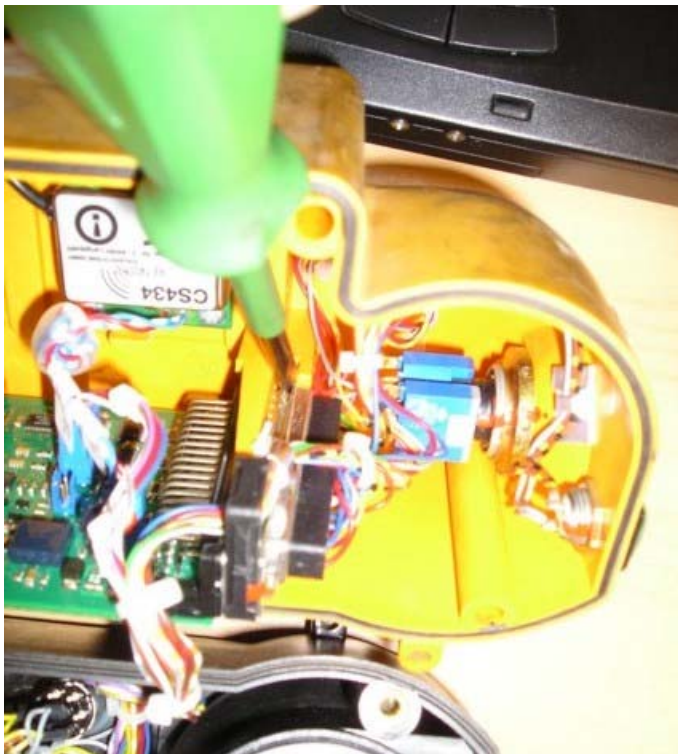
Only technicians who are familiar with Hetronic repair and troubleshooting should make this repair.

### **Models, Markets, units, component etc:**

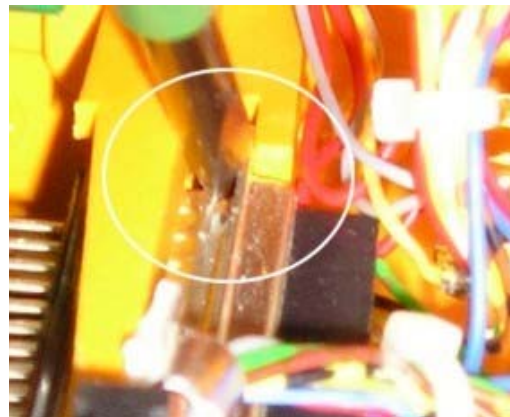
Any Sidelifter fitted with a Hetronic Radio. Both Hetronic BMS models (analogue) and Canbus models are affected (only in the transmitter).

### **How to spot the problem:**

A gap of 5mm or more can form at the unsecured end of the main connector. See Fig 1 below where screwdriver tip is placed and Fig 1a close up photo (below right.)



**Fig 1: Gap formed at end of main connector**



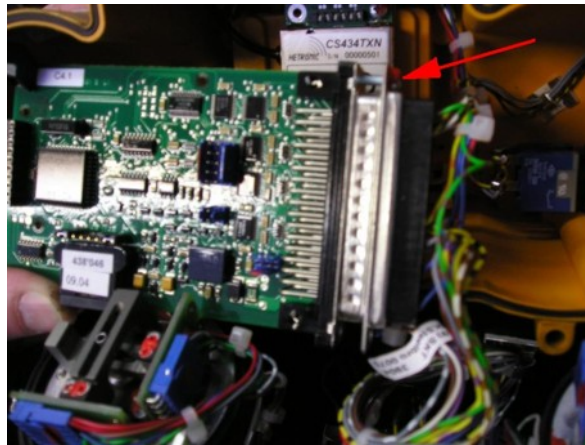
**Fig 1a: Close up from Fig 1**



If you discover remote transmitters where the PCB board has come loose at one end of the main connector, squeezing it back together is often not sufficient. To prevent the problem re-occurring, the addition of a screw mount is required.

**Modification:**

1. Remove the board and connector as one to get access to the bottom mount, which is not attached during manufacture. Insert screw at location indicated (M3x10 or M3x12 pan head screw).



Make a notch in the plastic moulding (as indicated) to allow room for board to seat properly once extra screw is fitted.

