608199 *Corr. D480180MS*

PCB for Isolator XP Sensor Cow

Issue:

A number of PCB's were found to function normally but unable to connect to a PC for programming by GMTools. They are able to enter 'monitor mode' using the front button but were not visible to the software. On inspection it was found that small amounts of lacquer, used in the normal production process, had over spilled onto the connection pins.

Solution:

All stock PCB's that were unable to connect were cleaned using the following process and were then reliably addressed for programming. Further PCB production will have this issue eliminated.

Materials Required: Isopropyl Alcohol (IPA), ear buds, air duster or other clean air source. *Note; take usual precautions when handling hazardous chemicals*

1. Soak ear bud with IPA

2. Clean four connection pins <u>thoroughly</u> top and bottom

3. Blow access IPA off board

4. Allow IPA residue to evaporate before testing

5. If connection unsuccessful then repeat with more vigorous pin cleaning