

# Engineering Department

## Engineering Change Order (ECO)

ECO #: ECO-PCB-01TP-001

Effective Date: November 23, 2015

Title: Scout & Explorer EEPROM Housing Replacement

Author: Cesar Hernandez

Date: November 23, 2015

Engineering Approval: AEG

Date: November 30, 2015

Operations Approval: JJV

Date: November 30, 2015

### Revision:

| Date             | Change Made                                                                       | Section        | Author |
|------------------|-----------------------------------------------------------------------------------|----------------|--------|
| December 1, 2015 | Added part numbers for specific parts being replaced as well as replacement parts | Parts Affected | CH     |

### Summary:

EEPROM housing for Scout and Explorer panel CPU boards has been discontinued by manufacturer. A new housing is being assigned as a replacement to the current housing.

### Parts Affected:

| Part Number  | Notes                                                 | Removed                             | Added                               | Modified                            |
|--------------|-------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| PCB-01TP     | Circuit Board Panel CPU Unpopulated (Scout, Explorer) | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 1571540-1-ND | CONN SOCKET PLCC 32POS TIN                            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| ED90007-ND   | CONN SOCKET PLCC 32POS TIN                            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

### Detail:

EEPROM housing used in current Scout and Explorer panel CPU boards has been discontinued. A replacement by a different manufacturer will be implemented. The new housing is a direct replacement, so no modifications are needed. The only difference between discontinued and new implemented housing is housing material. This difference will not affect performance of the EEPROM.

**Action Item:**

| Action                                                                                                                       | Department | Acknowledgement<br>Initials |
|------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------|
| Provide Etemco with part number for the new housing being implemented. Advice Etemco to update PCB-01TP BOM for future runs. | Purchasing | NS                          |

**Modified / Referenced Documents:**

| Document              | Current Revision                          |
|-----------------------|-------------------------------------------|
| No modified documents | <a href="#">Click here to enter text.</a> |

-- END OF ORDER --