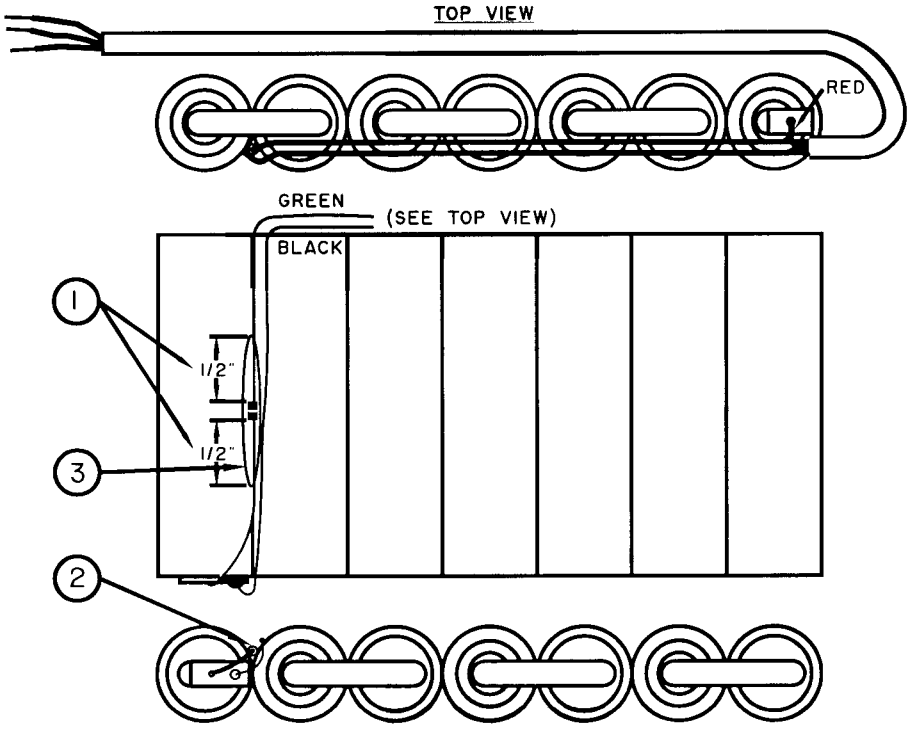
# NTC Assembly Instructions

OBJECT

1. To assemble an NTC to a battery pack in order to accurately detect the battery packs surface temperature.

2. To assemble an NTC to a battery pack in order for the battery pack to absorb heat generated in the NTC, created by the electronic control circuitry, allowing for the use of a smaller and more insertable NTC.




Assembly Procedure:

1. Attach lead wires to NTC device leaving a minimum of 1/2" of the NTC lead exposed. A small gauge wire (24 Ga.) is preferred with a small solder joint or connection. Heavy gauge wire (ie. 18 Ga.) or oversize solder joints will act as a heat sink which may affect accuracy.

2. Place the sub-assembly in a crevice of the battery pack and obtain maximum contact between the NTC and it's leads with the cell insulator sleeves. Lay deep in the crevice to touch both neighboring cells.

3. Run a continuous bead of Sicomet #77, P/N M26056, over the leads and the NTC while insuring the sub-assembly stays deep in the crevice. Now immediately spray the bead with Fastac Accelerator H, P/N M26057. Do not disturb the assembly until the Sicomet #77 has cured, about 15 seconds.

Note:

Allow nothing to touch the immediate surface of the Sicomet #77 bead, including tape, other leads, adhesive, other components, or printed circuit boards. Contact by these materials will affect sensitivity and accuracy of the temperature detection.

SCALE: N.T.S

E.D.S. engineering design & sales

AN ELECTRONIC DESIGN & SALES, INC. COMPANY

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| | | | TITLE BATTERY ASSEMBLY | | |
| | | | USED ON | | |
| REV. TO ADD P/N NUMBERS | 04-18-02 | CDC | PROD2\99900001 | DATE 08-24-00 | PHW ENG. |
| AS | DATE | ENG | PART NO | A | ISSUE |