

**RECTIFIERS**  
**J87249A AND J87249B**  
**OPERATING METHODS**

**1. GENERAL**

**1.001** This addendum supplements Section 169-649-301, Issue 3. Place this sheet ahead of Page 1 of the section.

**1.002** This addendum is reissued to add precautionary measures when removing cover at heat sink. The Equipment Test List is not affected. The following change applies to Part 1 of the section:

1.03—revised

Add the following note after 1.03.

**Note:** This rectifier is not suitable for boost charge of most engine starting batteries.

**3. OPERATION**

The following changes apply to Part 3 of the section.

3.01—revised

Add the following directly after the first paragraph of 3.01.

**Warning:** *Battery potential is present inside the rectifier even when the DC OUTPUT fuse is removed. Extreme caution should be exercised when removing or replacing the cover assembly in order to avoid a short circuit since the P-43Y078 heat sink is isolated from chassis ground and has full battery potential at all times.*

**Note 1:** A shield has been added over the P-43Y078 heat sink on the J87249B-2 rectifier. The shield is "L" shaped and is held in place by the two heat sink mounting screws.

**Note 2:** As a precautionary measure, either of the following methods is recommended if rectifier adjustment is required.

(a) After removing the rectifier from service in accordance with 3.01, disconnect the Amphenol connector before removing or replacing cover.

(b) Apply an insulating electrical tape to the inside surface and bottom edge and rear flange of the cover surface which could make contact with the heat sink.