

**R44-series Battery Support Strips Installation Kit Instructions**  
*(To comply with R44 Service Bulletin SB-99)*

**NOTE**

Visit [www.robinsonheli.com](http://www.robinsonheli.com) to verify kit instructions are current revision. Review instructions before installation; contact RHC Technical Support with questions. Verify kit contents match list; contact RHC Customer Service if parts are missing or damaged.

ITEM	PART NUMBER	KIT CONTENTS	QTY
1	KI-264-1Instr.	Kit Instructions . . . . .	1
2	D832-1	Strip – Neoprene (adhesive backing, 4-inch length) . . . . .	2

**Consumables**

Refer to R44 Maintenance Manual (MM) § 1.400.

**Kit Instructions**

1. Turn BATTERY switch OFF. Remove C377-1 LH Cowling Assembly to access battery.
2. Refer to Illustrated Parts Catalog (IPC) Figure 96-13. Disconnect A785-35 hose from D809-1 cover assembly by loosening B277-12 clamp. Remove cotter rings and wing nuts. Remove cover assembly.
3. Inspect battery compartment for evidence of a battery leak. Sprinkle baking soda on any clear liquid seen in compartment; if effervescence occurs, liquid is electrolyte which has leaked from battery. If a battery leak is detected, wear appropriate personal protective equipment (ref. FAA-H-8083-30A Chapter 1) and neutralize acidic electrolyte using a solution of baking soda and water. Clean up residue. Properly dispose of leaking battery in accordance with local regulations. Assess damage and contact RHC Technical Support for assistance with repairs.

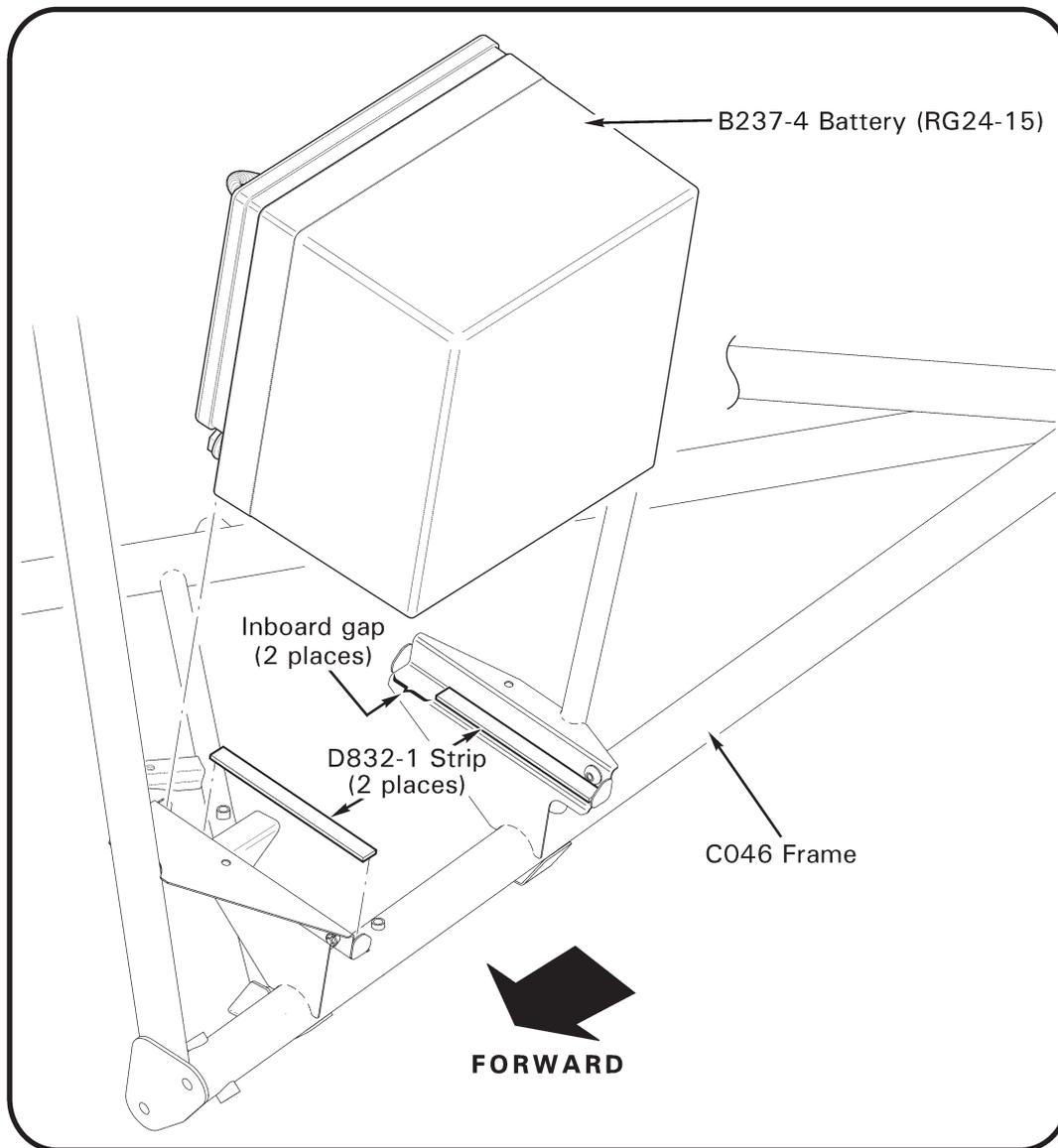
**CAUTION**

To minimize risk of electrical discharge: When disconnecting battery, disconnect negative (ground) cable from the battery first, then the positive cable. When connecting battery, connect positive cable first, then the negative (ground) cable.

4. Remove and retain hardware securing negative (ground) cable to battery negative terminal.
5. Remove and retain hardware securing positive cable to battery positive terminal. Carefully remove battery and visually inspect for obvious damage; replace battery as required.
6. Refer to Figure 1. Remove any anti-chafe tape installed on surfaces to be occupied by D832-1 strips and clean surfaces with acetone. Peel backing from D832-1 strips and install onto each metal bracket, with outboard ends of strips contacting ends of brackets as shown.

**Kit Instructions (continued)**

- 7. Carefully install battery on airframe. Connect positive cable to battery positive terminal using retained hardware. Connect negative (ground) cable to battery negative terminal. Special torque terminal bolts as noted on battery label and torque stripe per MM Figure 2-1.
- 8. Install cover. Finger tighten wing nuts and install cotter rings. Connect A785-35 hose to cover assembly with B277-12 clamp.
- 9. Install LH cowling assembly.
- 10. Make appropriate maintenance record entries. No change to Weight and Balance Record is required.



**FIGURE 1**