BATTERY SWITCHES
INSTALLATION AND OPERATING INSTRUCTIONS

For use with alternators and generators rated 6-32 V.D.C. switch rating 250 amperes continuous, 360 amperes intermittent.

Locate switch to keep battery cables short as possible.


CAUTION: Always STOP engines before switching to “OFF” position. Erratic operation, particularly after very long periods of idleness, can be cleared by rapidly switching back and forth briskly several times with out any load connected.

NOTE: 
(1) Locate switch to keep battery cables short as possible.
(2) If switch is to be mounted in an area subject to corrosion, it is recommended that a liquid electrical coating be applied to the terminal connections.
(3) Terminal stud size is 5/16 inch. Torque terminal nuts to 10 ft-lbs.
(4) Mounting screw size #10 pan head or round head. Do not over-tighten screws to prevent deforming the switch.

OPTIONAL ACCESSORIES
(1) Key Lock - Switch can be locked only in the “OFF” position. Key can be removed in either the locked or unlocked position.
(2) Alternator Field Disconnect - used to break the field current if the battery switch is inadvertently turned to the “OFF” position with the engine running. Hook-up instructions and applicability are explained in the diagram below.
(3) Optional cable spacer (Dealer Pack: 0462DP0RED or Bulk Pack: 0462000RED) available for use with large or heavy-duty cables, when additional space is required between terminals and mounting surface.

The following diagrams illustrate typical installations.

DIAGRAM #1

DIAGRAM #2 ALTERNATOR FIELD DISCONNECT
A. Use minimum 14 awg wire, suitable for use in marine engine compartments.
B. On systems with separate regulator, splice the field disconnect switch into the field wire “F” as shown:

1. At the Regulator:
   - Do Not Disturb “B & A” Wires

   F1
   F2

   To Field Disconnect Switch
   Terminals F1 & F2

   See Diagram #2

2. On unitized alternators with built-in regulator and 3 wire hook-up, splice the field disconnect switch into the field wire “F” as shown:

   F1
   F2

   To Field Disconnect Switch
   Terminals F1 & F2

C. On single wire alternators - a field disconnect cannot be installed.

DIAGRAM #3 DISCONNECT SWITCH

FIVE YEAR LIMITED WARRANTY
PERKO, INC. (PERKO) warrants to the original consumer-purchaser that PERKO’S consumer products will be free from defective materials or workmanship, and that the PERKOPLATE/PERKO•KOTE Finish will remain corrosion-free under normal use and service, for a period of five (5) years from the original purchase date. Products installed as original equipment by a boat builder or manufacturer are limited to one (1) year or the duration of the manufacturer’s general accessory warranty, whichever is longer.

ALL IMPLIED WARRANTIES, INCLUDING MERCHANTABILITY, ARE ALSO LIMITED IN DURATION TO THE FIVE YEAR PERIOD FROM THE ORIGINAL PURCHASE DATE. PERKO SHALL NOT BE LIABLE FOR LOSS OF USE OF ANY OF ITS CONSUMER PRODUCTS, NOR FOR OTHER INCIDENTAL OR CONSEQUENTIAL COSTS, EXPENSES, OR DAMAGES INCURRED BY THE ORIGINAL CONSUMER- PURCHASER OR BY ANY OTHER PERSON.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY OR MAY NOT APPLY TO YOU. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY OR MAY NOT APPLY TO YOU.

This warranty is void if the consumer product warranted has been damaged by accident or unreasonable use, neglect, improper service or other cause not arising out of defects in material or workmanship. Excluded from this warranty are Electric Light Bulbs (lamps), Sealed Beam Units and Fuses.

During the warranty period, your PERKO product will either be repaired or it will be replaced with a like product (at PERKO’s option) without charge to the original consumer-purchaser, when returned prepaid and insured, with proof-of-purchase date to PERKO at the address shown below. In the event of replacement, the replacement product will continue the warranty of the original product, or ninety (90) days, whichever is longer.

PERKO does not authorize any person or company to create for it any other obligation or liability in connection with any of its products.