# Sea-Dog Battery Test Switch w/ Gauge & Lighter #422310-1 Installation Instructions

12 VOLT
O.D.: 6-1/2" x 4-1/2"
3 ILLUMINATING SWITCHES
10 Amps PER CIGARETTE LIGHTER
10 Amps PER Circuit - 30 Amps PER Panel

1. Connect the positive terminal of the battery (12V only) to the bar identified with a "+" tag.
2. Connect the negative terminal of the battery (or ground) to the bar identified with a "-" tag.
3. Connect the positive wire of each individual circuit to the #2 spade on the corresponding rocker switch on the panel.
4. Connect the remaining wire or negative wire of each circuit to the common ground of the boat, if so equipped, or directly to the negative terminal of the battery or the negative bar of the panel.
5. Connect terminal (1) of battery test switch (Fig. 1) to terminal (1) of battery selection switch (Fig. 2). Connect Terminal (3) of the battery test switch (Fig. 1) to terminal (2) of the battery selection switch (Fig. 2).
   **NOTE:** Do not attach any additional wires to the remaining terminal on the fuse holder.
6. Six fuses are supplied with your Sea-Dog panel: (2) 3A, (2) 5A, and (2) 10A. Use the 10A fuse only for the black screw top fuse holder (B). The remaining fuses should be used depending on each individual circuit load, with maximum rating of 10 Amps.
7. To remove the fuse holder cap, see Figure 3 below:

Note: The meter can be adjusted by removing the tape on the back and moving the needle to the center of the red at 12.8 volts.

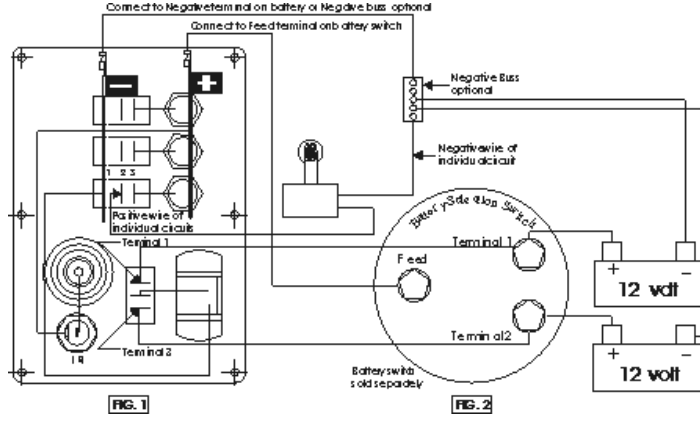
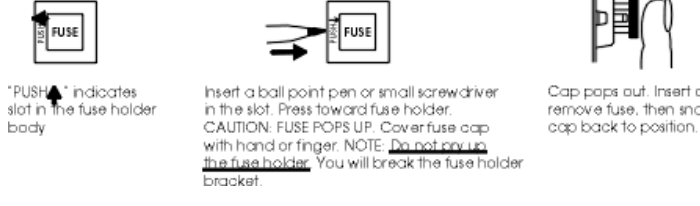


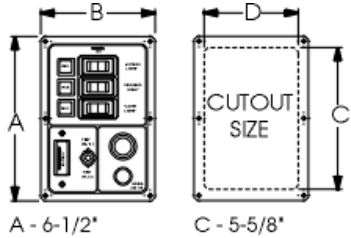

FIG. 3




"PUSH▲" indicates slot in the fuse holder body

Insert a ball point pen or small screwdriver in the slot. Press toward fuse holder. CAUTION: FUSE POPS UP. Cover fuse cap with hand or finger. NOTE: Do not pry up the fuse holder. You will break the fuse holder bracket.

Cap pops out. Insert or remove fuse, then snap cap back to position.




A - 6-1/2"
B - 4-1/2"
C - 5-5/8"
D - 3-5/8"

| | |
|---|---|
| 0P42201-1 | Replacement Red Insert for Fuse Holder |
| 420501-1 | Replacement Square Fuse Holder |
| 420441-1 | Replacement Rocker Switch |
| 420502-1 | Replacement Round Fuse Holder |