

Installation instructions

3-Way Bilge Pump Switch Panel

SP2221AF: ON-OFF-ON

SP2221BF: ON-OFF-(ON)

1. Look at the back side. Note that 2 wires come out from the hole in the right, and 3 wires come out from the other hole
2. Starting with the 3 wire side:
 - 2.1 Connect the white wire to the float switch (either side)
 - 2.2 Connect the black wire to the negative side of the pump
 - 2.3 Connect the red wire to the positive side of the pump (usually the red or brown or white) and to the other side of the float switch.
3. Double check your connections
4. Now on the two wire side:
 - 4.1 Connect the black wire to the negative side of the battery or ground. **(12 Volts DC system only)**
 - 4.2 Connect the red wire to the positive bur bar, terminal or power source **(12 Volts DC system only)**
5. Now check again. When the 514 switch is on "manual" the red light should be on. When on "auto" the green light is on all the time and the red light comes on each time the pump is activated. If both lights are not on, start over. Something is backwards.

WARNING

Use only on 12Volt DC system

Connecting the pump, float switch, and 3 way switch improperly can ruin the float switch and/or cause the pump to run backwards.

Improper connection can void the warranty on all the components and cause hazardous conditions.

