



SERVICE BULLETIN

BULLETIN: 03-06

DATE: 9/12/2005

SUBJECT: 48C BATTERY PARALLEL SWITCH WIRING WITH VOLVO D12 ENGINES

HULL #s: 56-

It has recently been brought to Silverton's attention that the battery parallel switch, located on the helm, is wired incorrectly on the Volvo D12 engine panels. To correct this problem, follow instructions below:

- 1- Turn AC main breaker to the OFF position and un-plug boat.
- 2- Turn generator to OFF position.
- 3- Turn battery switches to the OFF position (located in engine room at DC main panel).
- 4- Turn 24 VDC continuous breaker to the OFF position (located in engine room at DC main panel).
- 5- Open main distribution panel.
- 6- Install 5 amp inline fuses on load side of 24 VDC mains, located lower section on DC main distribution panel (Terminals needed 2 each 12/10 awg with " eye).
- 7- Route two 10 awg red wires from main DC panel up through STBD Bridge boot (located behind main distribution panels), and across front of bridge to port side and into helm. Open wire chase and route wires to breakout at switch panel (Label wires battery #1 and battery #2) with awg 12/10 butt connectors. Connect battery #1 wire and battery #2 wire to the load side of fuse holder and install 5 amp fuses.
- 8- At helm switch panel, remove wires on the battery parallel switch upper and lower terminal (center terminal wire stays).

- 9- Remove same two wires from the Seafire relay box (located under helm), terminal number 21 and 22 (delete these wires; they will no longer be used).
- 10-Install on each wire, awg 12/10 female spade connector, and place wires on parallel switch upper and lower terminal; battery #1 on lower terminal and battery #2 on the upper terminal.
- 11-Tie-wrap wires and close wire chase at helm.
- 12-Close main distribution panels and turn battery switches to the ON position. Turn all DC mains on at helm rock parallel, switch up and down, and listen for battery parallel relay to engage (battery parallel relay is located behind DC main panel in engine room).

SEE DRAWING BELOW

