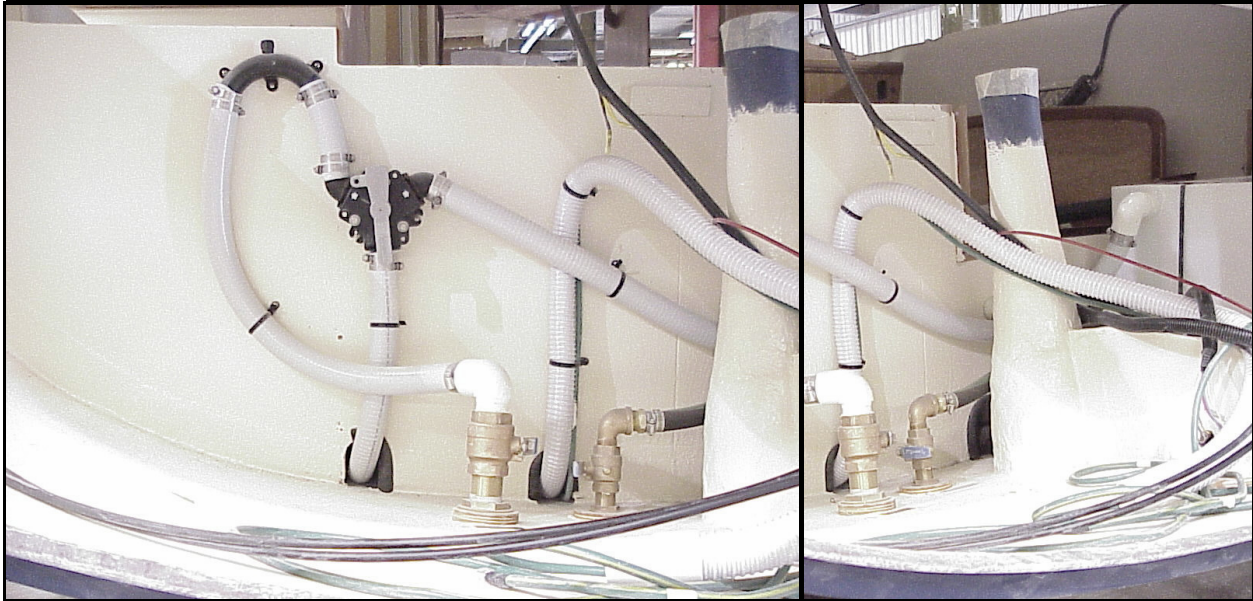


356 SOP (OPTION) DIVERTER VALVE HOSES INSTALLATION



NOTE: All hoses will be connected with two clamps on both ends of the hoses

Head to Diverter Valve

1. The discharge hose coming from the head will come thru the most port hole in the bottom of the aft kickboard. This hose will be long enough to reach the waste tank so it will need to be cut to length and attached to the inlet on the diverter valve with two #24 clamps.

Diverter Valve to Waste Tank

1. Take the extra hose that was cutoff and attach one end to the starboard outlet on the diverter valve using two #24 hose clamps then run the hose starboard along the aft kickboard and attach the other end to the elbow in the top-forward corner of the portside of the waste tank, use two #24 hose clamps.

Diverter Valve to Vented Loop

1. A piece of 1-1/2" low perm hose (the same type that comes from the head) is provided to make the connection from the diverter valve to the vented loop and from the vented loop to the discharge valve. Cut 7" off of this hose and loosely connect one end to the portside outlet on the diverter valve with two #24 hose clamps, loosely connect the other end to the starboard side opening of the vented loop with two #24 hose clamps.
NOTE: Do not tighten these clamps yet, they will be tighten after all the hoses are on and the vented loop has been mounted.

Vented loop to Direct Overboard Thru Hull

1. The vented loop should be up against the aft kickboard because of the stiffness of the 7" piece of hose. Using the rest of the low perm hose, attach one end to the portside of to the vented loop and loosely secure it using two designated clamps. Making sure the vented loop is against the kickboard and level, run the other end of the hose down to the discharge valve and cut the hose to length if necessary. Attach this end of the hose to the discharge valve and loosely secure it using two designated clamps.

Mounting Vented Loop

1. Push the vented loop up against the kickboard and mark the mounting hole locations. Drill the marked locations with a 5/32" drill bit making sure not to go all the way thru the kickboard then attach the vented loop to the kickboard with #10 X 3/4" panhead screws, if necessary use flat washers as spacers to make sure the screws do not go all the way thru the kickboard.

Finishing Up

1. Tighten all the hose clamps in the system. Secure the "vented loop to discharge valve" hose and the "diverter valve to waste tank" hose to the aft kickboard near the center of the hoses using tie wraps with eyes (make sure not to go all the way thru the kickboard).

Revision Dates:

Expected Time: 30 min.