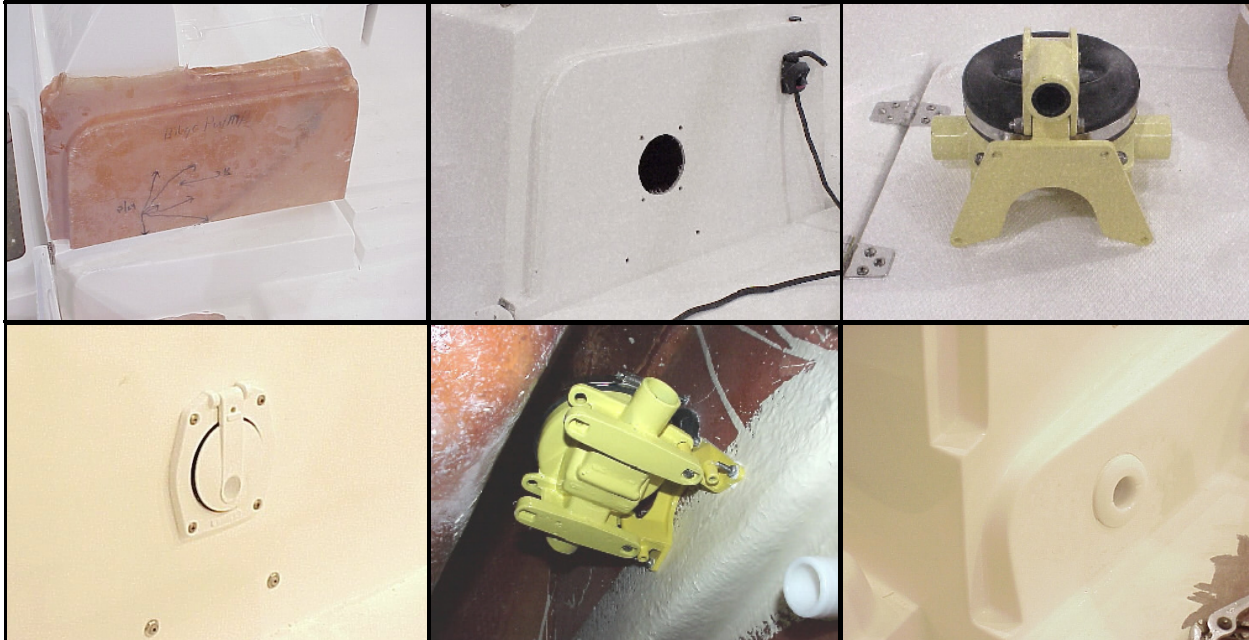


356 SOP MANUAL BILGE PUMP INSTALLATION



#	#Ea.	Description	Size	Part #	#	#Ea.	Description	Size	Part #
1	1	Manual Bilge Pump	1" Bore		4	6	Lock nuts	10-24	
2	6	Manual Bilge Pump Fasteners	10-24 X 1-1/2" O/H		5	2	Finish Washers	#10	
3	6	Lock washers	#10		6	1	Manual Bilge Pump Cover	2"	
					7	1	Through Hull Drain	1" Plastic	355263

BILGE PUMP

1. Use the fiberglass template to locate the holes for the bilge pump, the size of the holes are marked on the template. The template also has the size and locations for the power cleat and the kill cable housing, mark and drill all holes.
2. Dremel the edges of the holes and clean around the holes and the back of the cover plate with alcohol.
3. Caulk the holes and the base of the cover plate where it will make contact with the deck using the designated caulk (page 1, #1).
4. Have someone put and hold the designated fasteners, with finish washers, into the bottom two holes.
5. From underneath the deck slide the bottom mounting holes on the pump over the screws then loosely secure the pump to the deck with lock washers and 10-24 locknuts.
6. Have the person above deck put the cover plate in place then put the remaining designated fasteners in place then from under the deck attach the lock washers and lock nuts to the screws.
7. Tighten all fasteners to secure the pump and the cover late firmly to the deck.

MANUAL BILGE PUMP DISCHARGE THROUGH HOLE

1. Mark the manual bilge pump discharge through hole location (located on the bottom embossment on the port side of the cockpit walk through) 6" forward of aft edge and 3" up from the bottom. Drill this marked location with a 1-3/8" hole saw.
2. Clean deck and hardware with alcohol then caulk the backside of the through hole with the designated caulk (page 1, #1). Place the through hole in position. Secure the through hole to the deck using the nut that comes with the through hole.

Revision Dates:

Expected Time: 20 min.