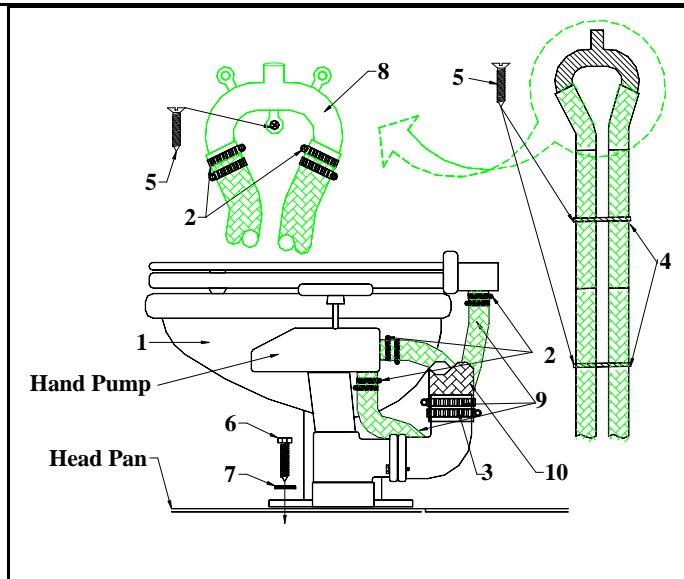


# 356 SOP HEAD AND HEAD HOSES INSTALLATION



#	#Ea.	Description	Size	Part #	#	#Ea.	Description	Size	Part #
1	1	Head	Right Hand	350169	6	4	Head Fasteners	5/16" x 1 1/2" S/S Lag Bolt	464070
2	5	Hose Clamps	#10	353355	7	4	Neo Washers	5/16"	469630
3	2	Hose Clamps	#24	353427	8	1	Vented Loop	Black	355138
4	2	Tie-Wrap	15" with eye	460250	9	3	Head Hoses	3/4" x	358035
5	3	Vent Fasteners	#8 x 5/8" P/H	466970	10	1	Head To Waste Hose	1-1/2" X 16' "Low Perm" Sanitation Hose	358413

1. Use the fiberglass splash to mark the mounting hole locations for the head on the pan in the head area. (Fig. 1)
2. Drill the mounting hole locations with a 13/64" drill bit. (Fig. 2-3)
3. Apply super lube or vaseline to the two nipples on the hand pump, the nipple on the back of the head and on the ends of the three hoses that goes onto the nipples. (Fig. 4)
4. Attach the head hoses with the designated clamps to all three nipples (the two on the hand pump and the one on the back of the head). (Fig. 5)
5. Mark the other end of the bottom hose coming from the hand pump (this hose is directed to a separate hole). (Fig. 6)
6. Install the seat lid with the manufacturer's kit then replace the plastic and lid box on the lid to minimize potential damage to the lid. (Fig. 7)
7. Place the head in position on the pan lining the holes on the base of the pan with the holes drilled into the pan. Secure the head to the pan using the designated fasteners and washers (do not over-tighten). (Fig. 8-9)
8. Loosen the two nuts on the elbow at the bottom of the hand pump then turn the elbow so it faces slightly aft then retighten the nuts. (Fig. 10)
9. From underneath the pan run the "head to waste tank hose" thru the aft 3" hole (Fig. 11), apply pipe joint compound to the end of the elbow and the connecting end of the waste tank hose (Fig. 12-13). Attach the hose to the elbow at the bottom of the hand pump with the two designated clamps. (Fig. 14)
10. Run the two vent hoses (the top hose on the pump and the hose on the back of the head) down the middle 3" hole then run aft under the pan and out the 3" hole at the bottom of the aft head bulkhead into the wet locker. (Fig. 15-16)
11. Run the pick-up hose (the marked hose on the bottom of the hand pump) down the middle 3" hole inboard and forward of the other two hoses and thru the 3" hole in the pan on the port side of the sump pump compartment (just forward of the engine compartment. (Fig. 17)
12. Run the two vent hoses up the bulkhead wall, cut hoses off about 2" down from the top of the wet locker door. (Fig. 18)
13. Attach the ends of the vent hoses to the vented loop using the designated clamps (Fig. 19-20). Run the two vent hoses up the bulkhead in between the wet locker door opening and the shelves on the backside of the aft head bulkhead wall, then attach the vented loop to the bulkhead using the designated fasteners approximately 4" under the wet locker top. (Fig. 21)
14. Tie wrap the hoses together just below each shelf, secure them to the bulkhead with the designated fasteners. (Fig. 22)

Revision Dates:

Expected Time:

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# 356 SOP HEAD AND HEAD HOSES INSTALLATION

Fig 1



Fig 2

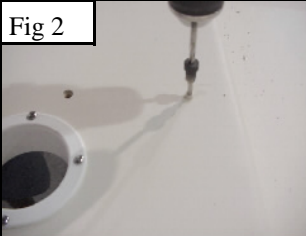


Fig 3



Fig 4

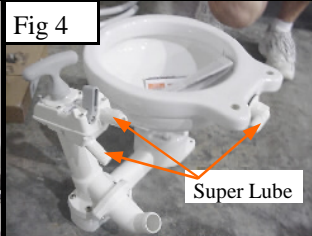


Fig 5

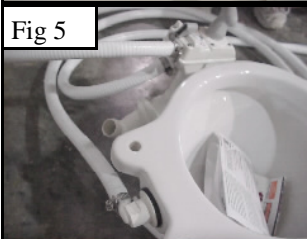


Fig 6

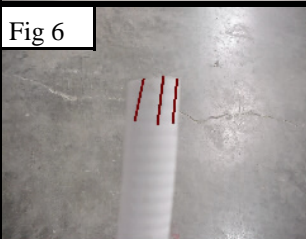


Fig 7

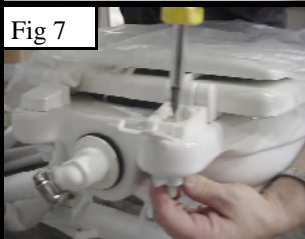


Fig 8

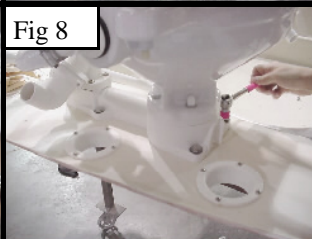


Fig 9

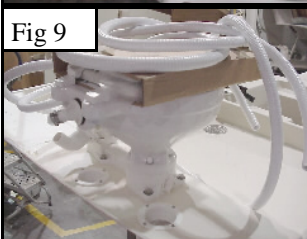


Fig 10

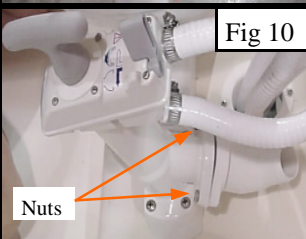


Fig 11



Fig 12

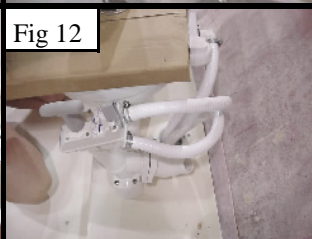


Fig 13



Fig 14



Fig 15

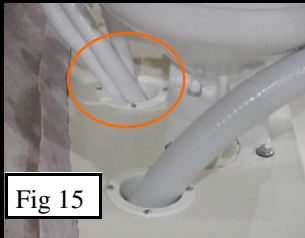


Fig 16

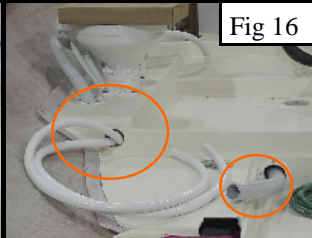


Fig 17

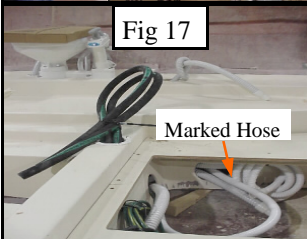


Fig 18



Fig 19



Fig 20

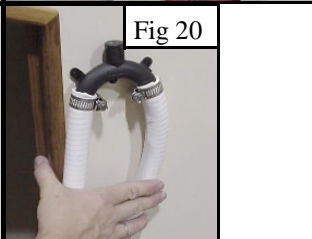


Fig 21



Fig 22



Finished View



Finished View